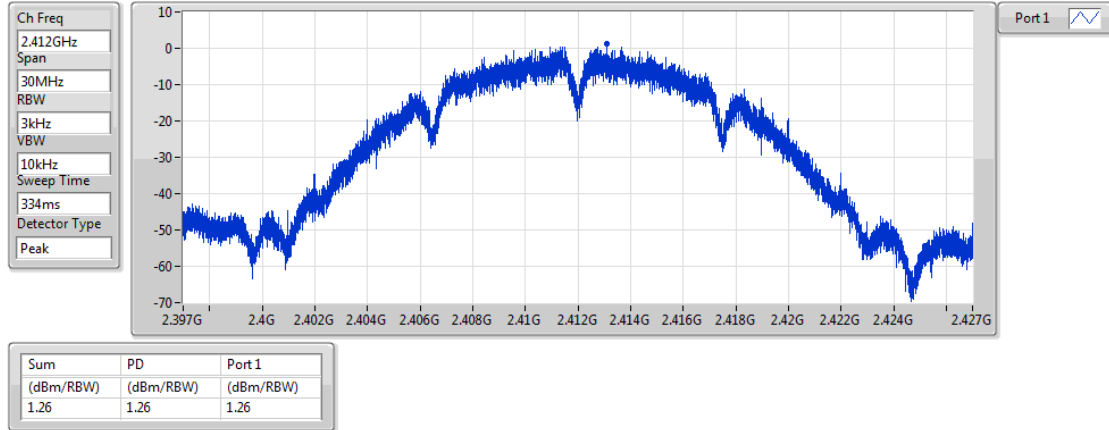


### 802.11b\_(1Mbps)\_1TX

PSD

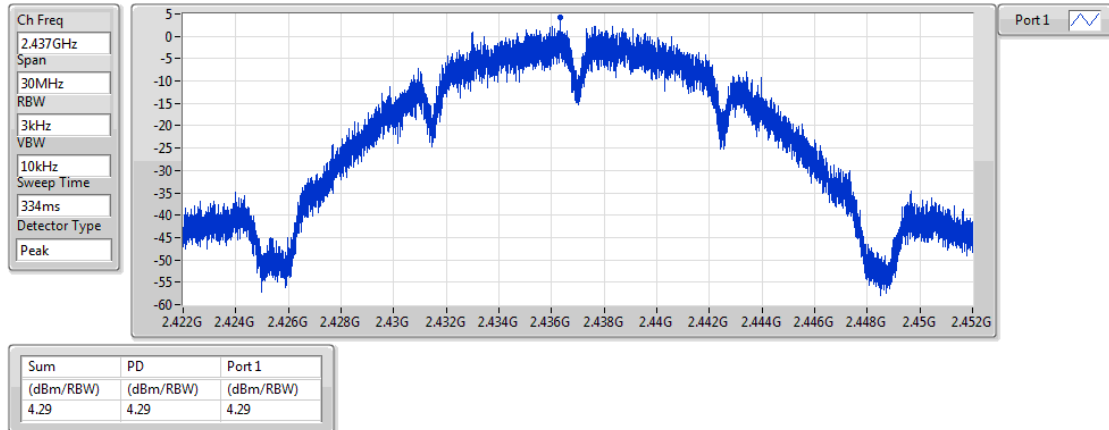
2412MHz



### 802.11b\_(1Mbps)\_1TX

PSD

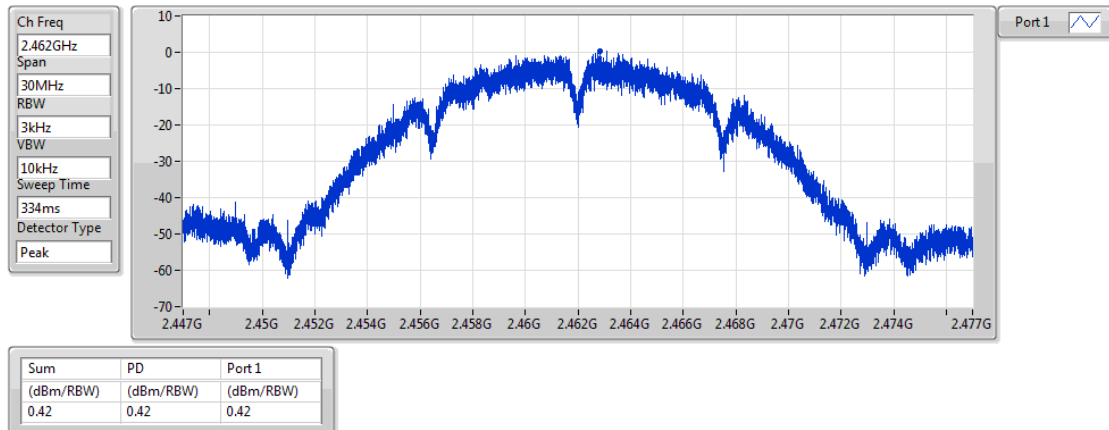
2437MHz



### 802.11b\_(1Mbps)\_1TX

PSD

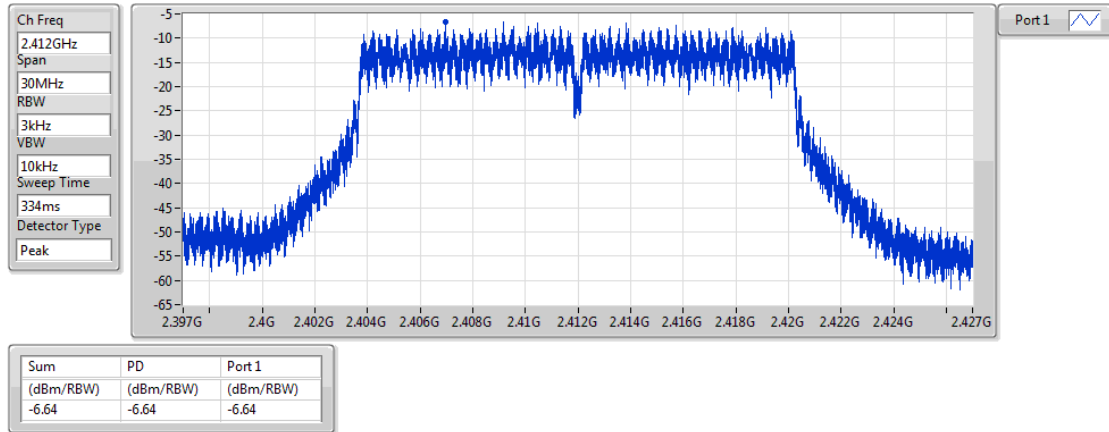
2462MHz



### 802.11g\_(6Mbps)\_1TX

PSD

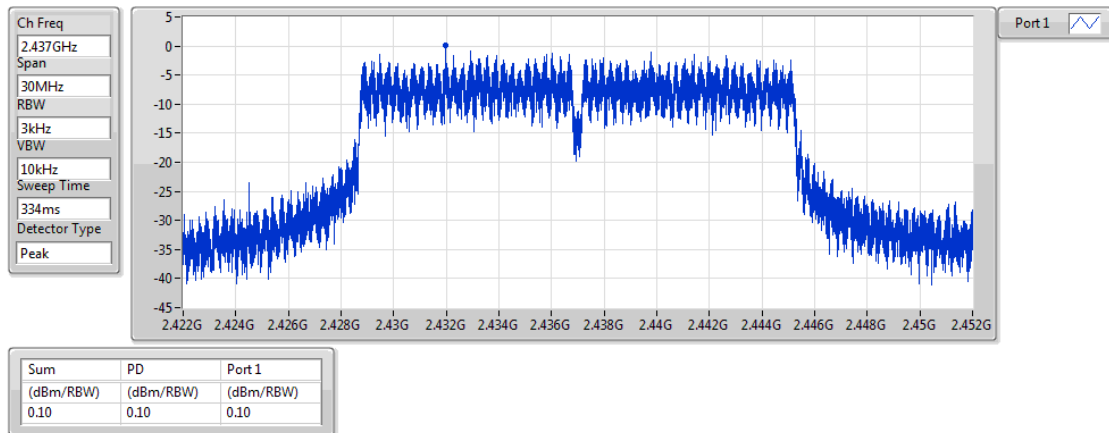
2412MHz



### 802.11g\_(6Mbps)\_1TX

PSD

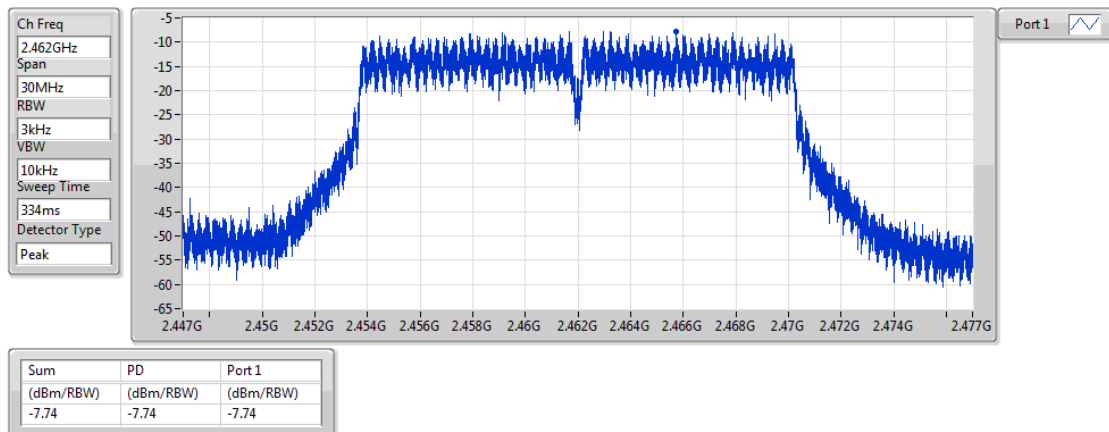
2437MHz



### 802.11g\_(6Mbps)\_1TX

PSD

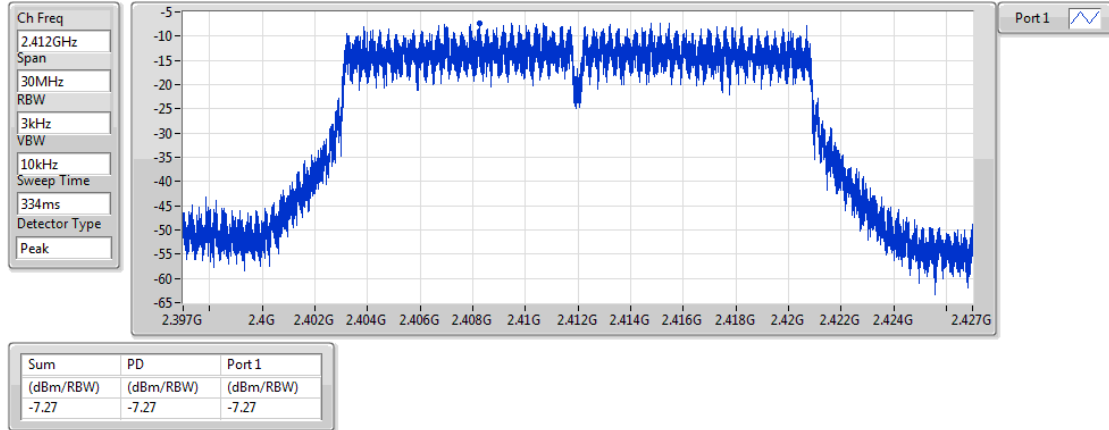
2462MHz



802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

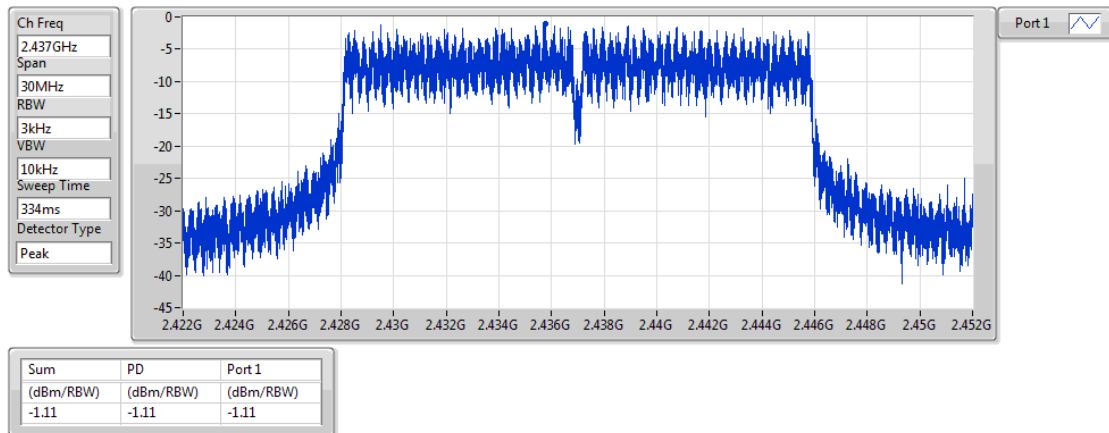
2412MHz



802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

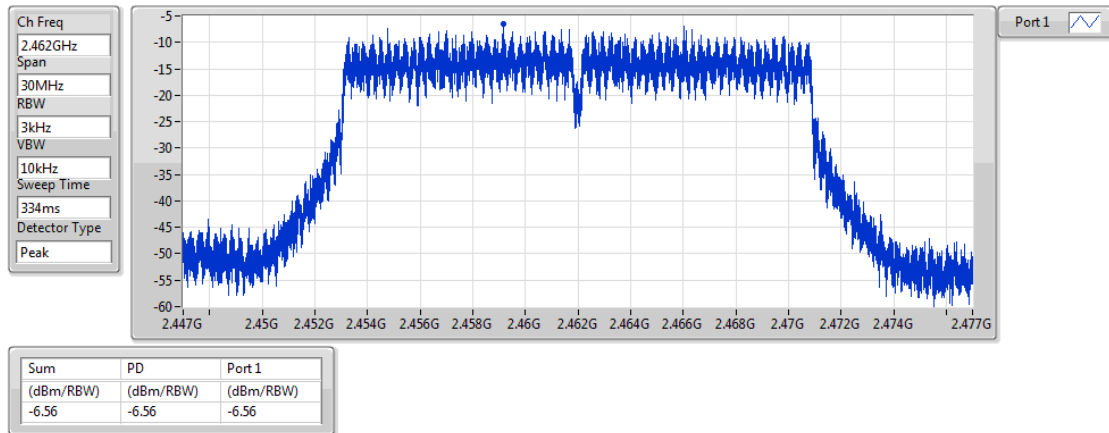
2437MHz



802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

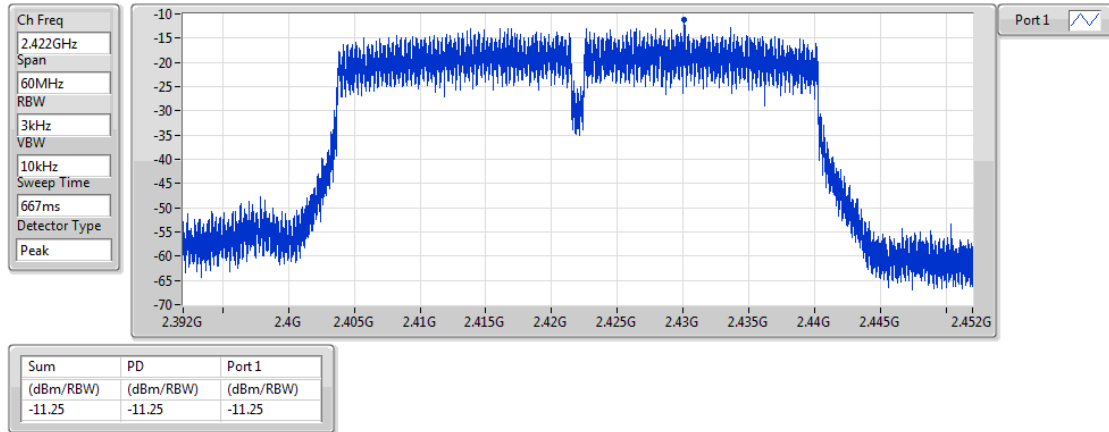
2462MHz



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

PSD

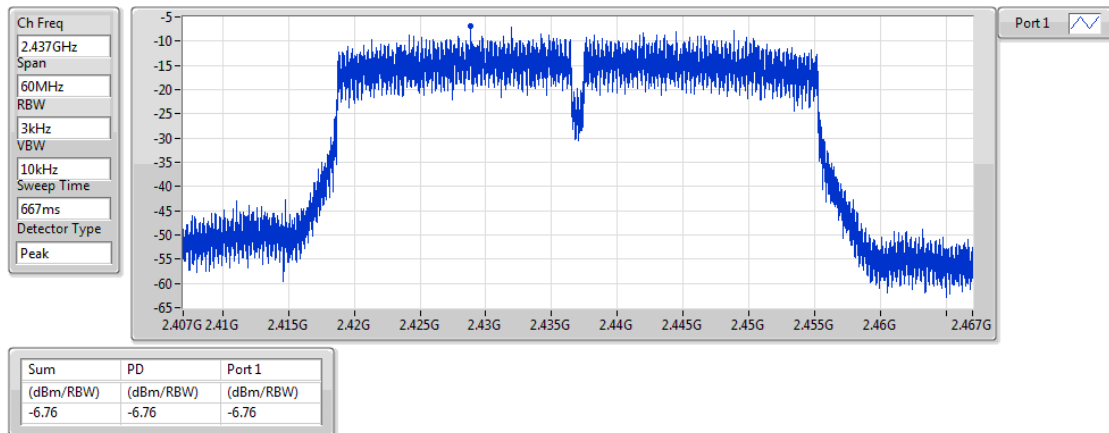
2422MHz



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

PSD

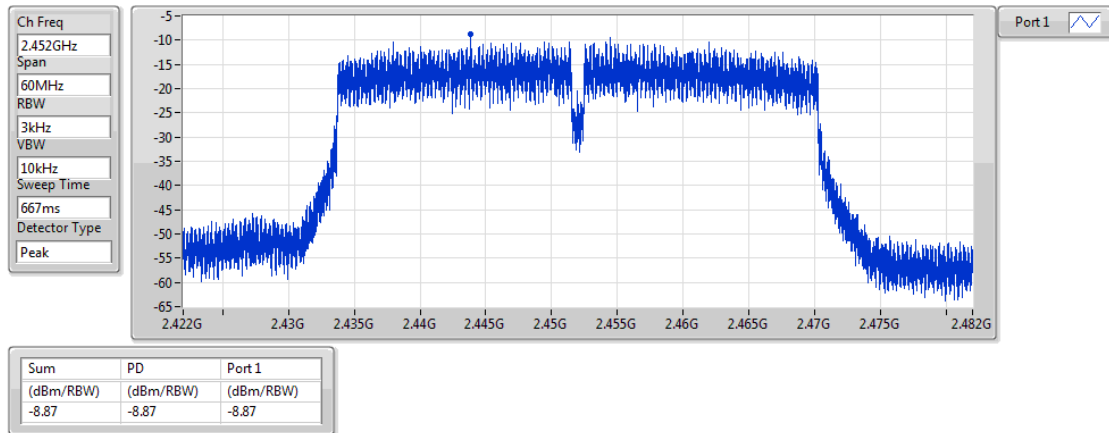
2437MHz



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

PSD

2452MHz



**For Set 1 antennas / 2TX:  
<For Non-Beamforming Mode>  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | 4.54            |
| 802.11g_(6Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | -0.12           |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | 0.10            |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -9.33           |

RBW=3kHz.

**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) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.50        | -0.35               | 0.14                | 2.05            | 8.00                  |
| 2437MHz                        | Pass   | 4.50        | 1.50                | 2.94                | 4.54            | 8.00                  |
| 2462MHz                        | Pass   | 4.50        | -1.23               | -1.99               | 0.85            | 8.00                  |
| 802.11g_(6Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.50        | -11.35              | -10.19              | -8.42           | 8.00                  |
| 2437MHz                        | Pass   | 4.50        | -2.30               | -1.26               | -0.12           | 8.00                  |
| 2462MHz                        | Pass   | 4.50        | -9.79               | -9.61               | -7.11           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.50        | -10.88              | -10.36              | -8.42           | 8.00                  |
| 2437MHz                        | Pass   | 4.50        | -2.48               | -1.51               | 0.10            | 8.00                  |
| 2462MHz                        | Pass   | 4.50        | -9.60               | -8.85               | -6.60           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 4.50        | -14.00              | -13.85              | -12.63          | 8.00                  |
| 2437MHz                        | Pass   | 4.50        | -11.43              | -10.79              | -9.33           | 8.00                  |
| 2452MHz                        | Pass   | 4.50        | -13.17              | -11.60              | -10.60          | 8.00                  |

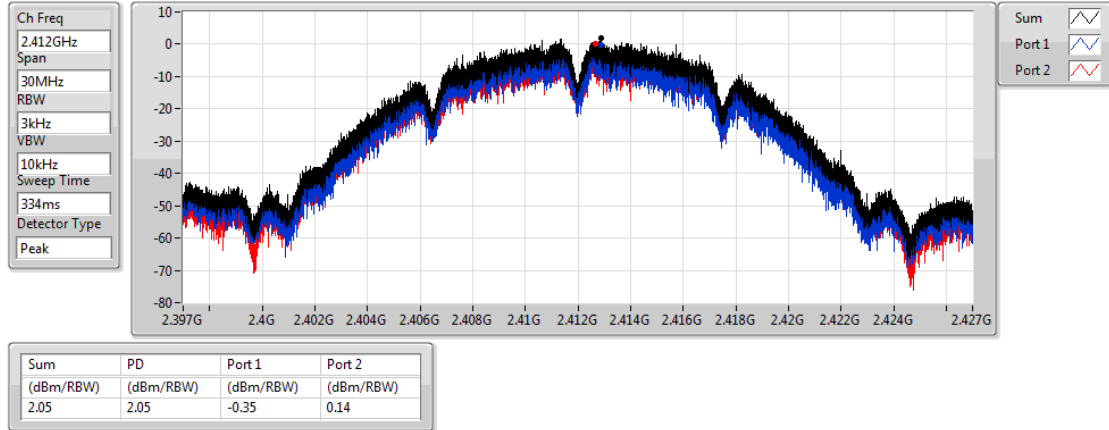
DG = Directional Gain; RBW=3kHz;

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

## 802.11b\_(1Mbps)\_2TX

PSD

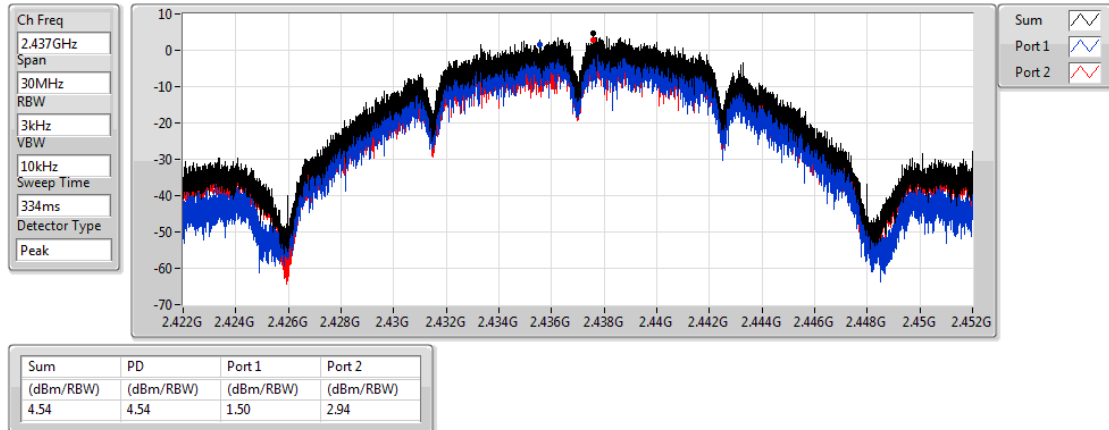
2412MHz



## 802.11b\_(1Mbps)\_2TX

PSD

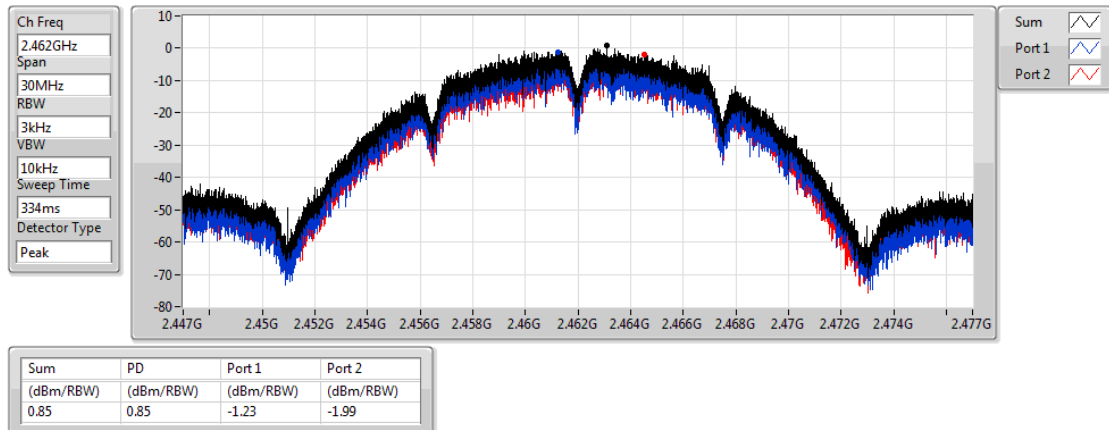
2437MHz



## 802.11b\_(1Mbps)\_2TX

PSD

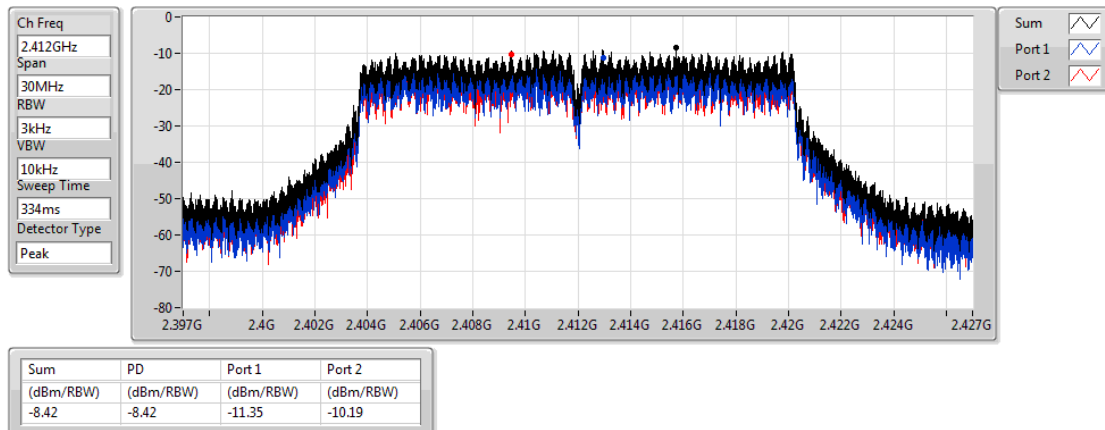
2462MHz



### 802.11g\_(6Mbps)\_2TX

PSD

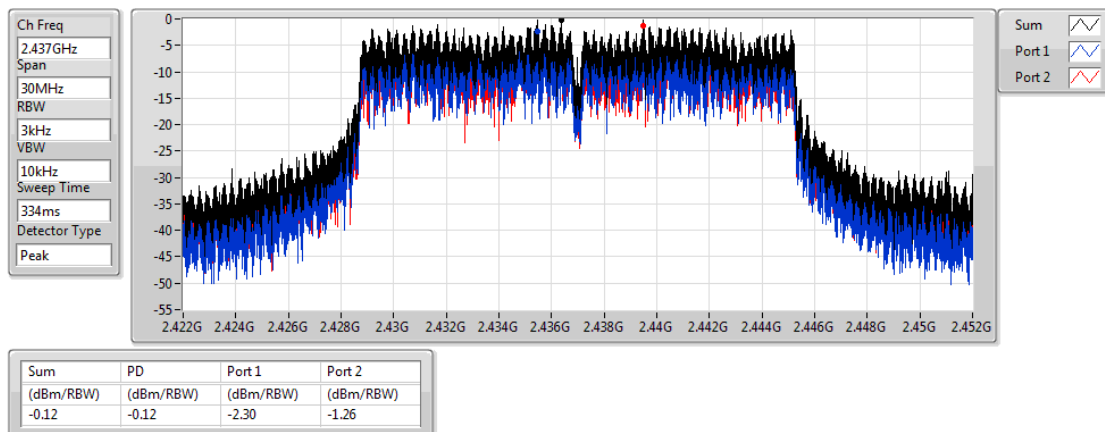
2412MHz



### 802.11g\_(6Mbps)\_2TX

PSD

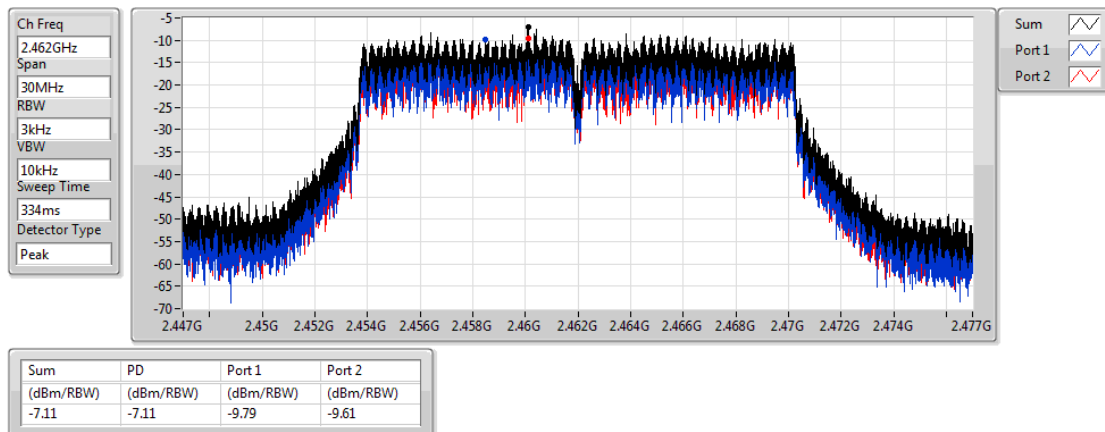
2437MHz



### 802.11g\_(6Mbps)\_2TX

PSD

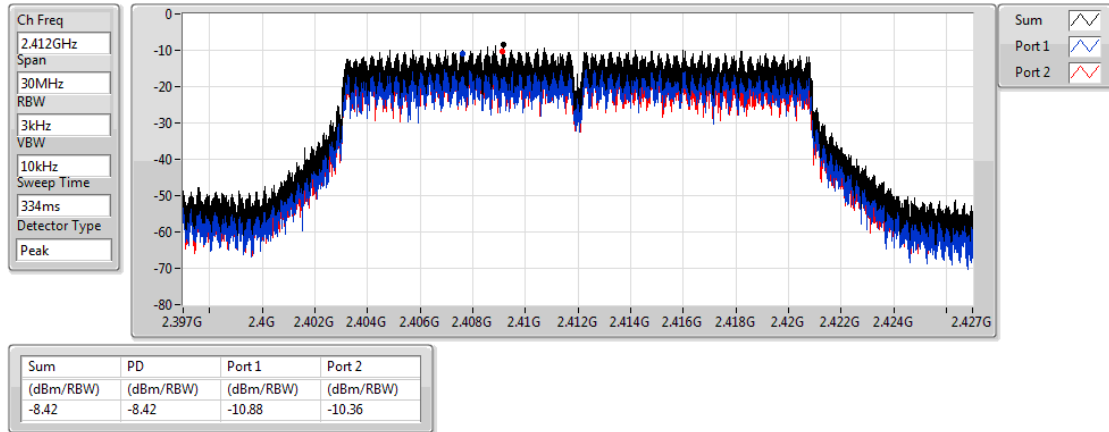
2462MHz



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

PSD

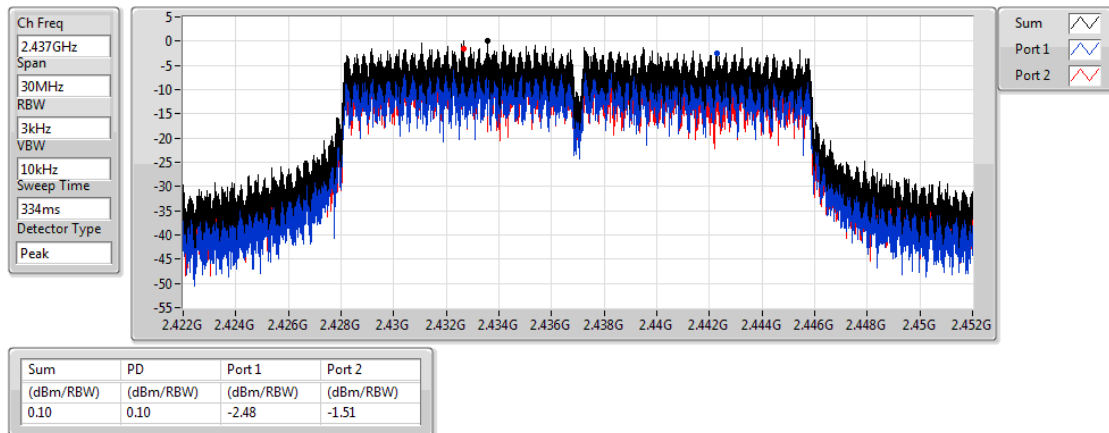
2412MHz



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

PSD

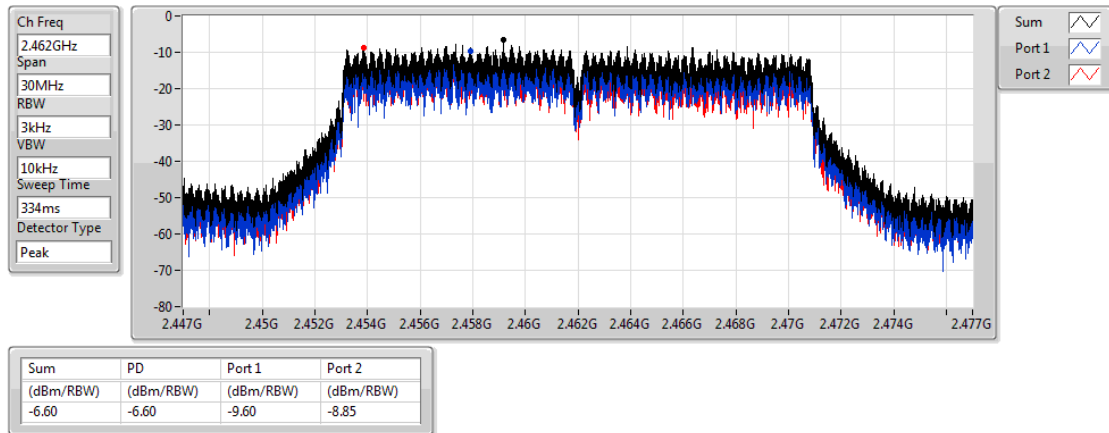
2437MHz



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

PSD

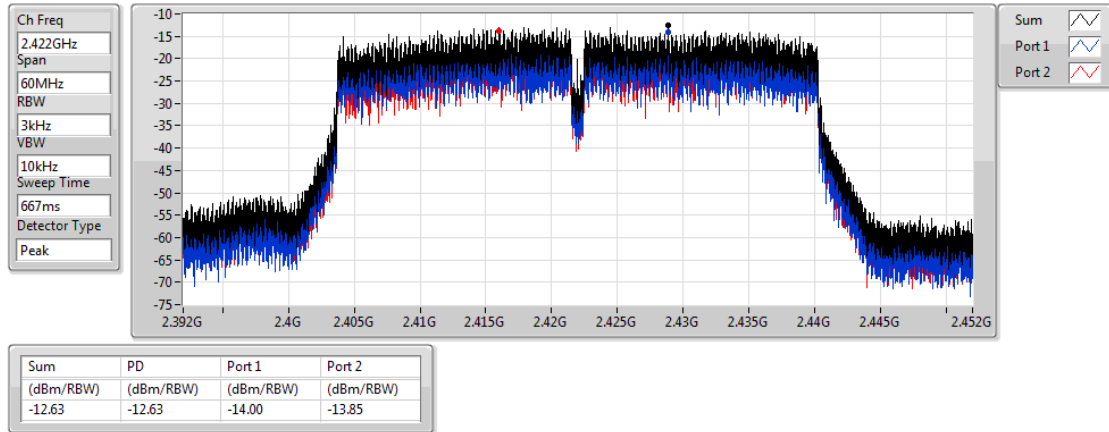
2462MHz



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

PSD

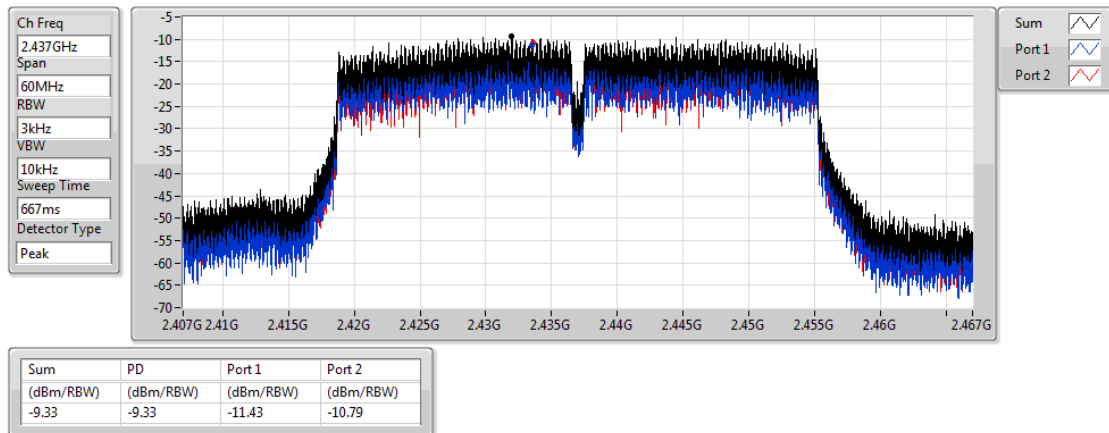
2422MHz



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

PSD

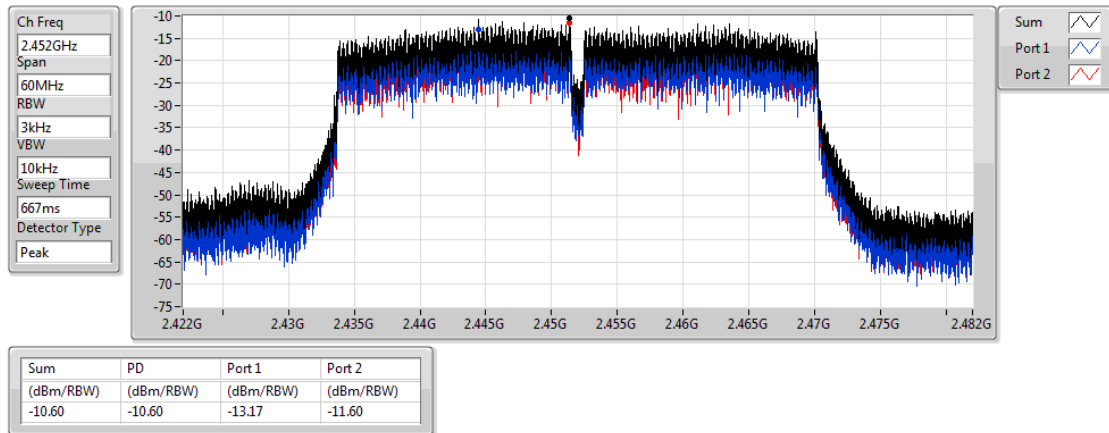
2437MHz



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

PSD

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -3.16           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -7.82           |

RBW=3kHz.

**Result**

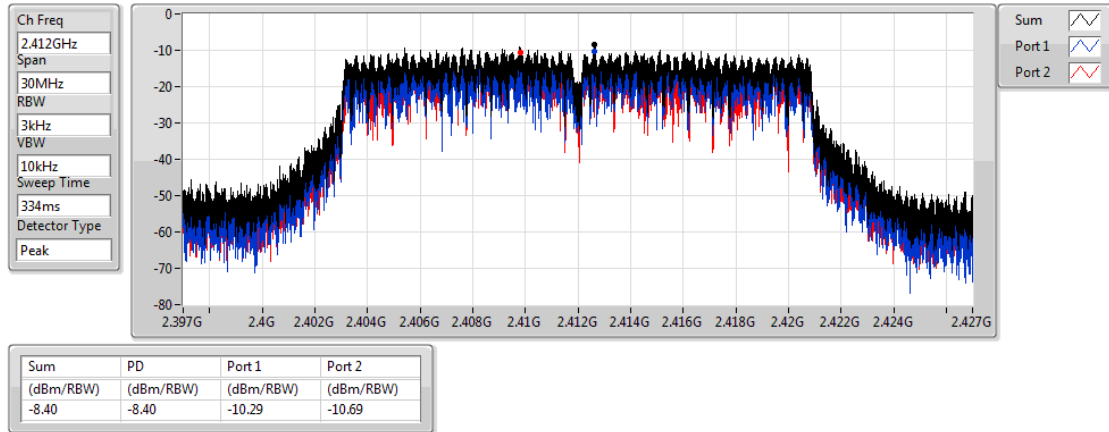
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 4.50        | -10.29              | -10.69              | -8.40           | 8.00                  |
| 2437MHz                           | Pass   | 4.50        | -5.69               | -5.10               | -3.16           | 8.00                  |
| 2462MHz                           | Pass   | 4.50        | -11.67              | -9.88               | -8.17           | 8.00                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 4.50        | -16.39              | -15.66              | -13.21          | 8.00                  |
| 2437MHz                           | Pass   | 4.50        | -9.80               | -9.43               | -7.82           | 8.00                  |
| 2452MHz                           | Pass   | 4.50        | -14.58              | -13.53              | -11.09          | 8.00                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

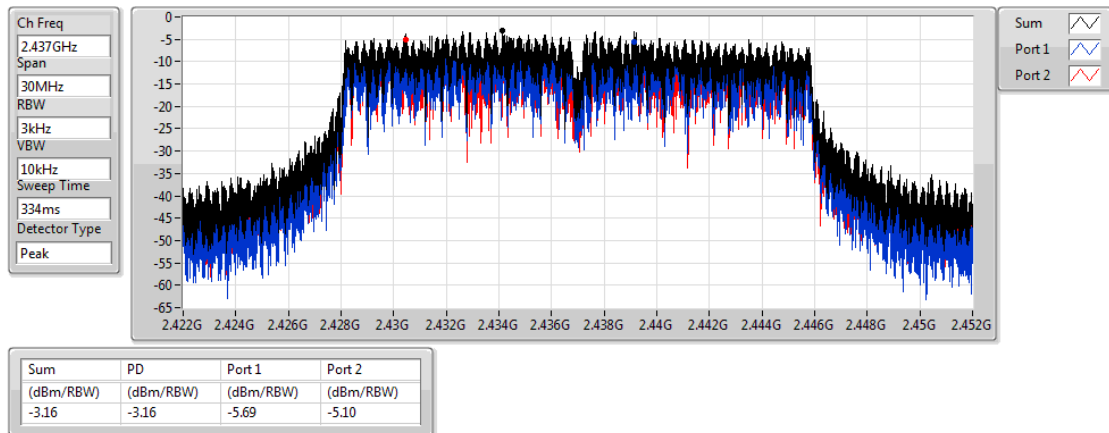
2412MHz



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

PSD

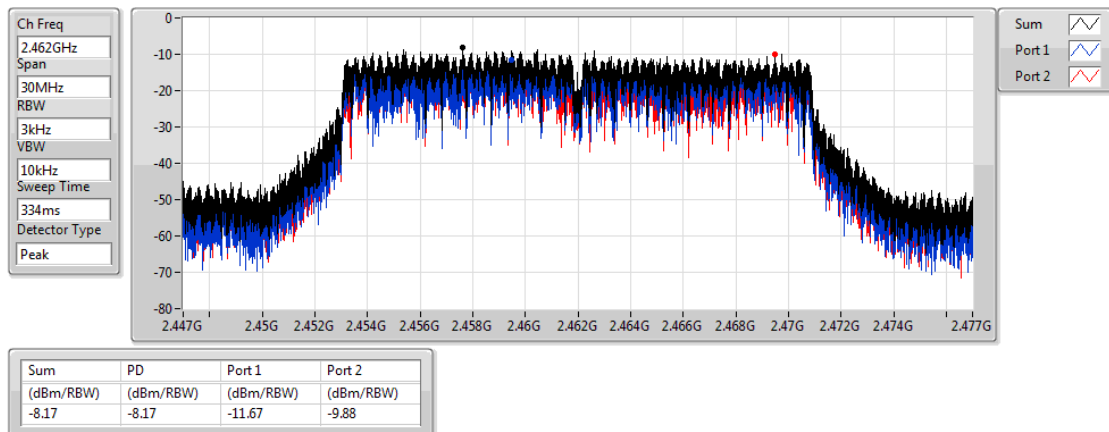
2437MHz



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

PSD

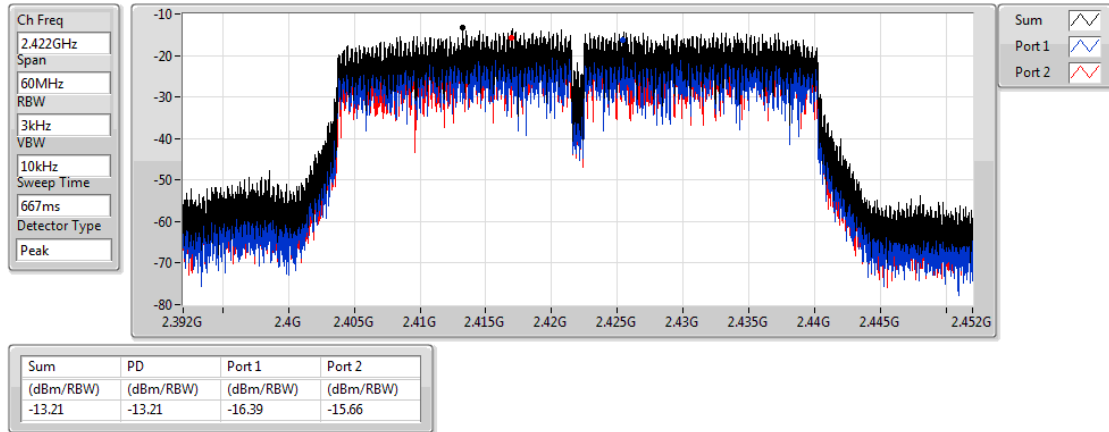
2462MHz



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

PSD

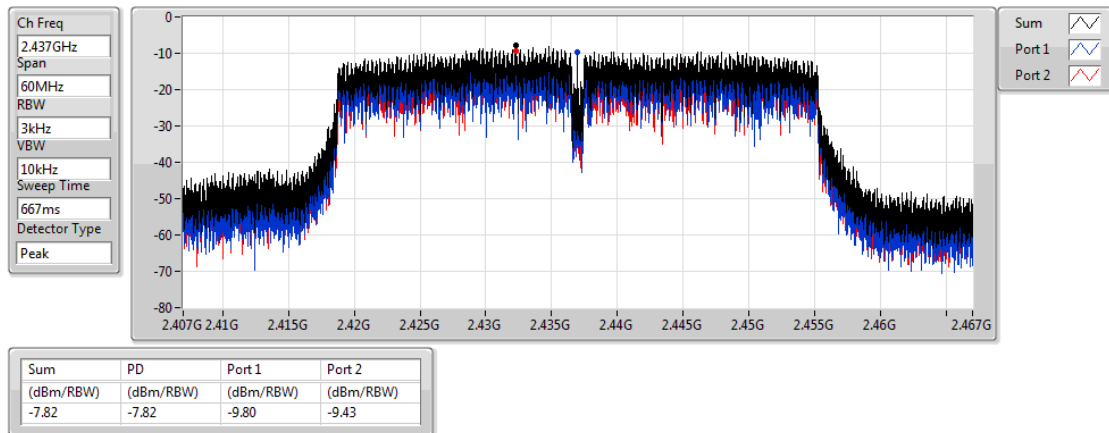
2422MHz



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

PSD

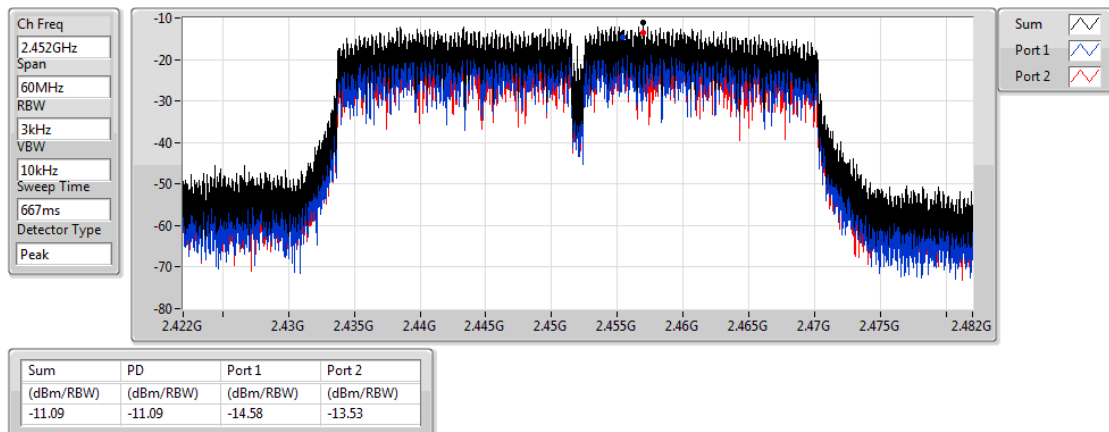
2437MHz



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

PSD

2452MHz





**For Set 1 antennas / 3TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | 4.07            |
| 802.11g_(6Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | 0.84            |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -0.29           |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -6.53           |

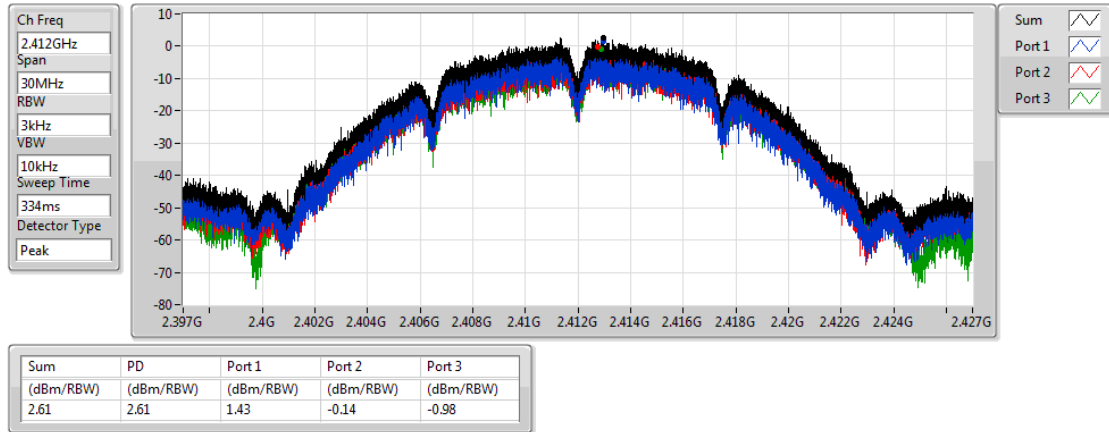
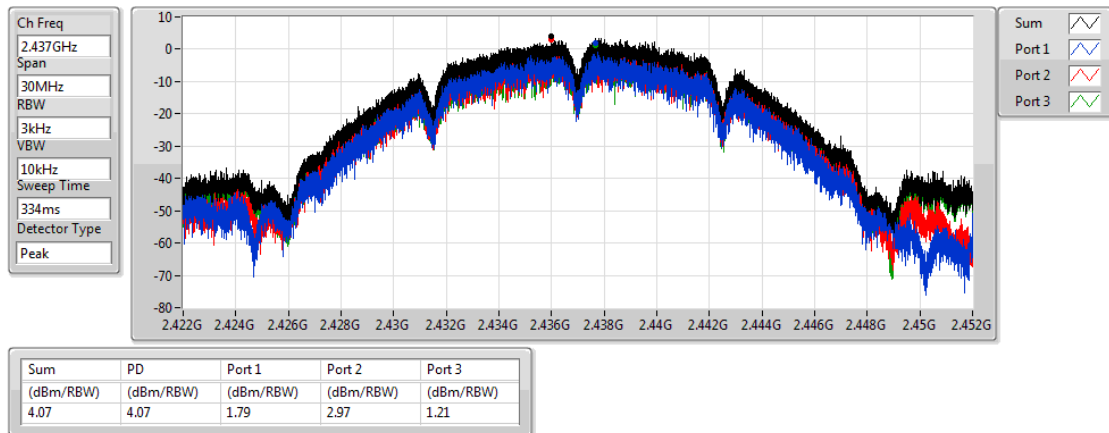
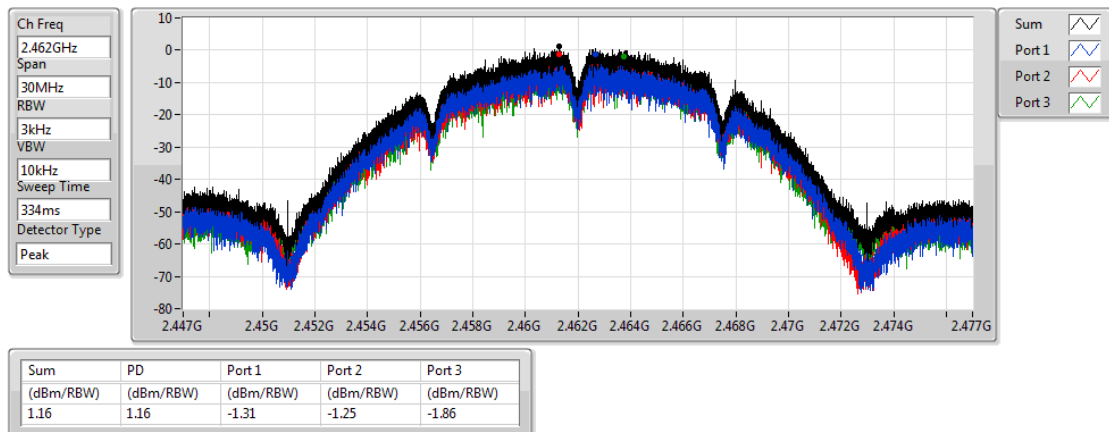
RBW=3kHz.

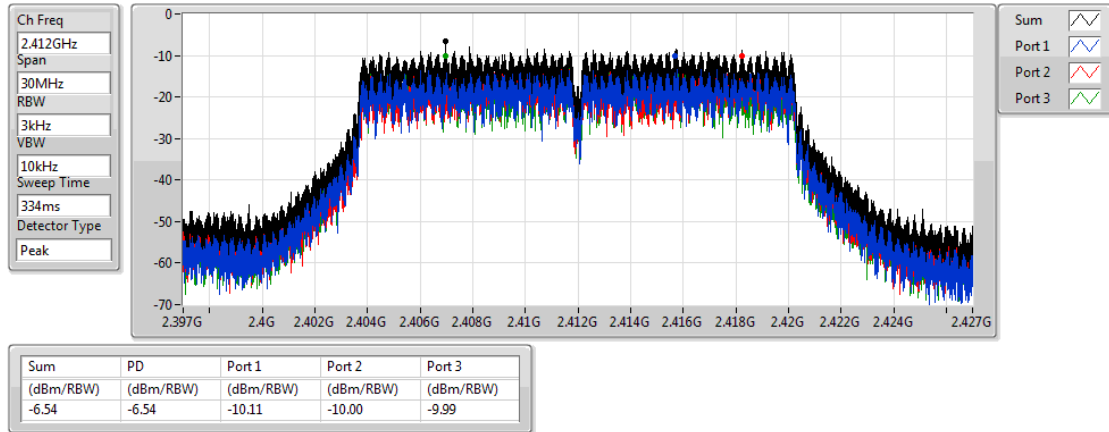
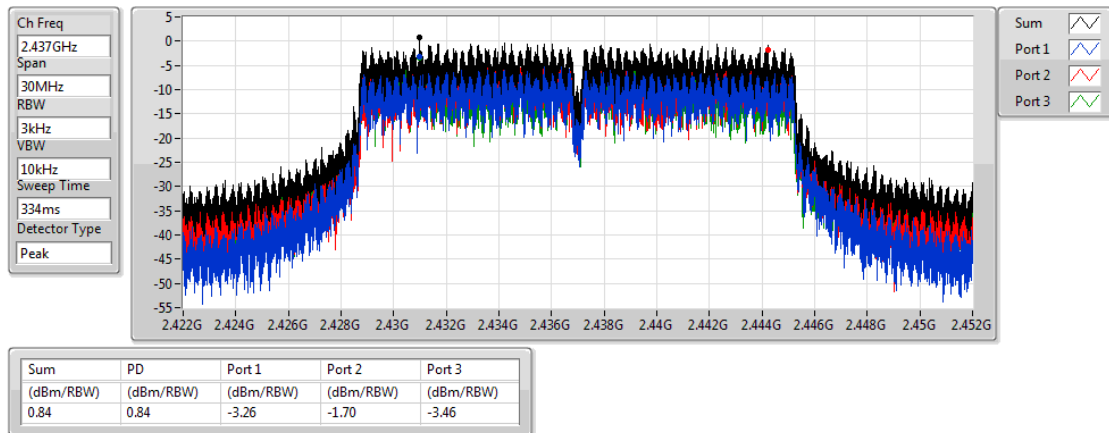
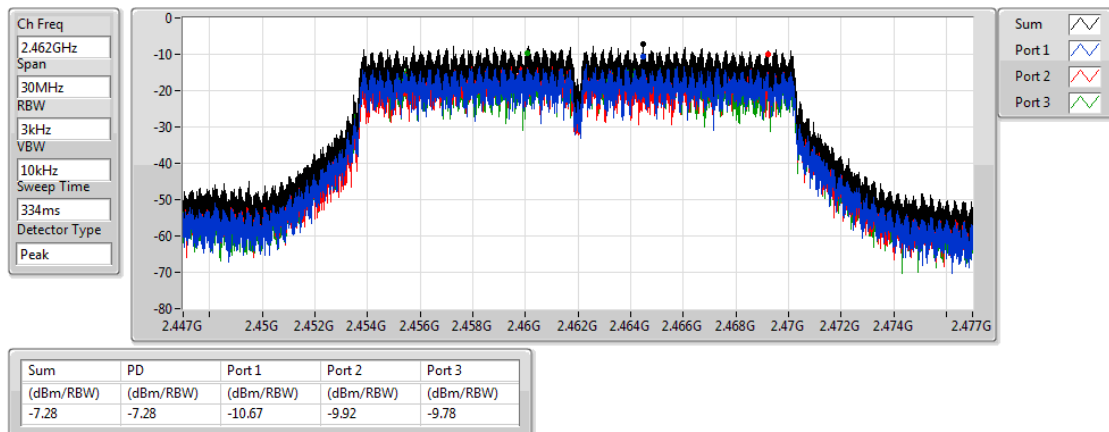
**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.90        | 1.43                | -0.14               | -0.98               | 2.61            | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | 1.79                | 2.97                | 1.21                | 4.07            | 8.00                  |
| 2462MHz                        | Pass   | 5.90        | -1.31               | -1.25               | -1.86               | 1.16            | 8.00                  |
| 802.11g_(6Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.90        | -10.11              | -10.00              | -9.99               | -6.54           | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -3.26               | -1.70               | -3.46               | 0.84            | 8.00                  |
| 2462MHz                        | Pass   | 5.90        | -10.67              | -9.92               | -9.78               | -7.28           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.90        | -10.23              | -10.20              | -11.29              | -7.74           | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -2.74               | -2.28               | -3.09               | -0.29           | 8.00                  |
| 2462MHz                        | Pass   | 5.90        | -10.21              | -9.65               | -9.76               | -7.48           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 5.90        | -16.97              | -16.68              | -16.60              | -14.28          | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -9.91               | -9.01               | -10.29              | -6.53           | 8.00                  |
| 2452MHz                        | Pass   | 5.90        | -15.21              | -14.63              | -15.14              | -12.82          | 8.00                  |

DG = Directional Gain; RBW=3kHz;

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

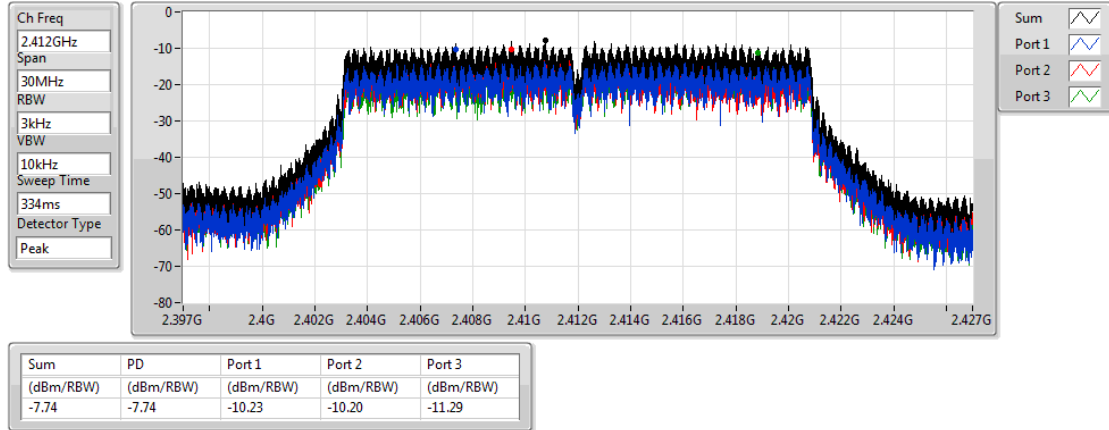
**802.11b\_(1Mbps)\_3TX**
**PSD**
**2412MHz**

**802.11b\_(1Mbps)\_3TX**
**PSD**
**2437MHz**

**802.11b\_(1Mbps)\_3TX**
**PSD**
**2462MHz**


**802.11g\_(6Mbps)\_3TX**
**PSD**
**2412MHz**

**802.11g\_(6Mbps)\_3TX**
**PSD**
**2437MHz**

**802.11g\_(6Mbps)\_3TX**
**PSD**
**2462MHz**


## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

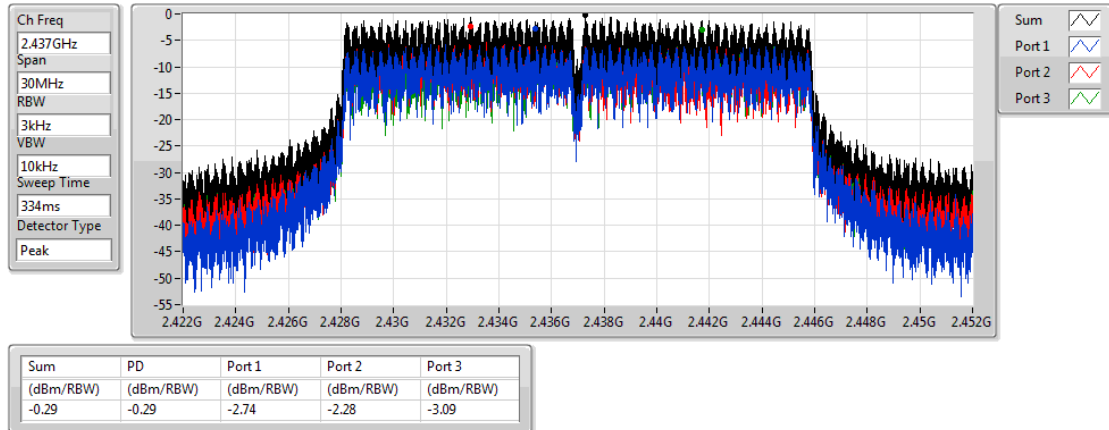
2412MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

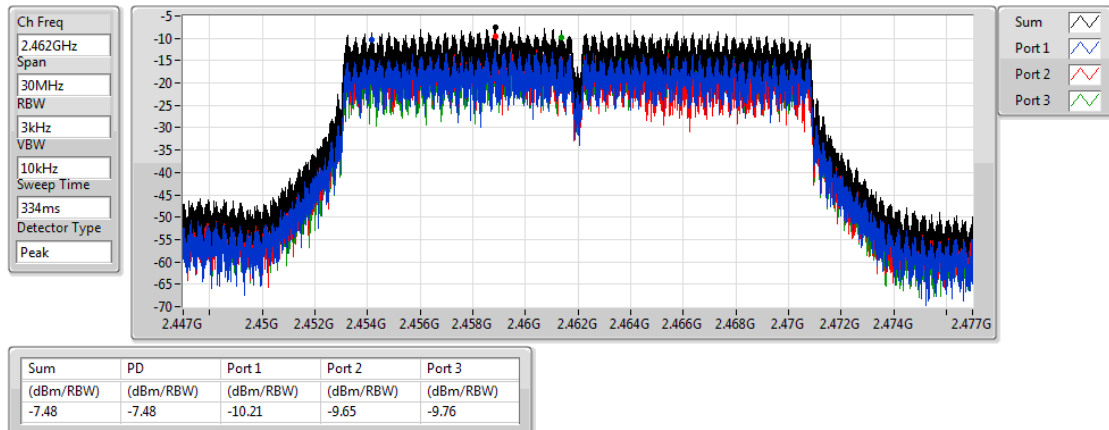
2437MHz



## 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

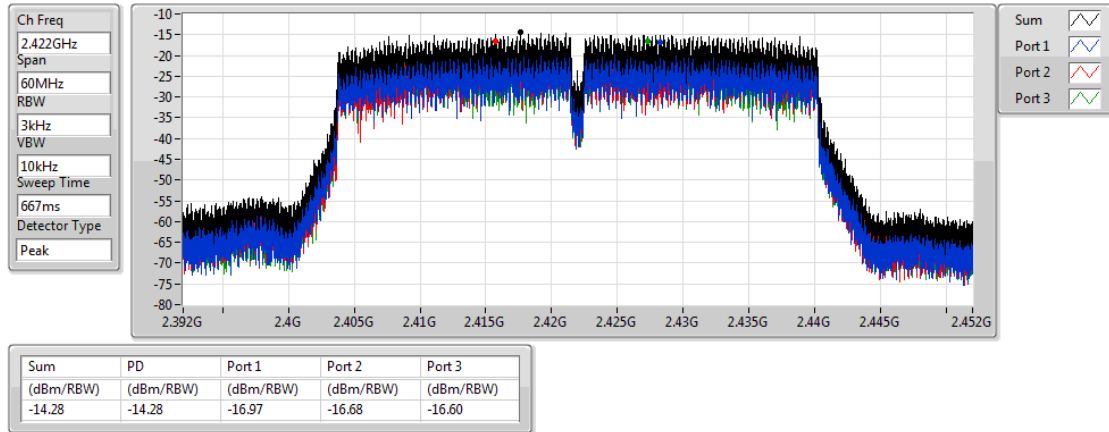
2462MHz



### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

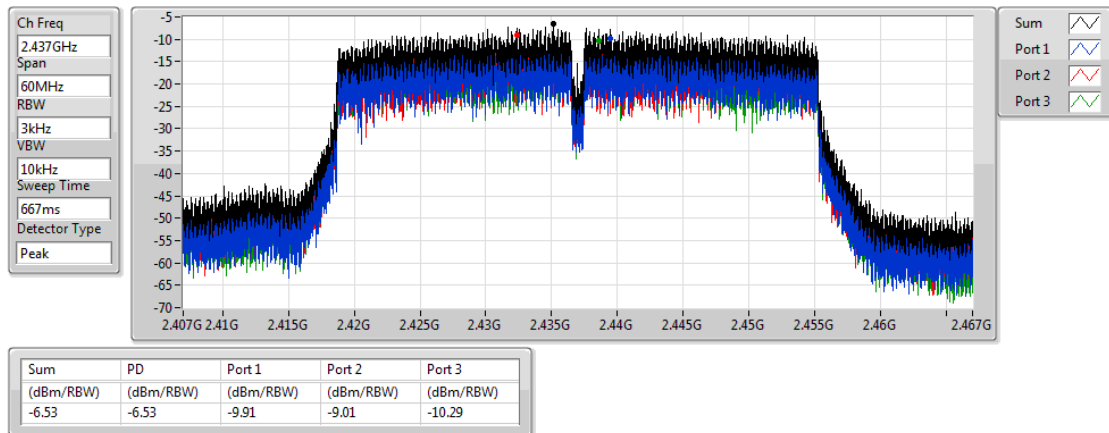
2422MHz



### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

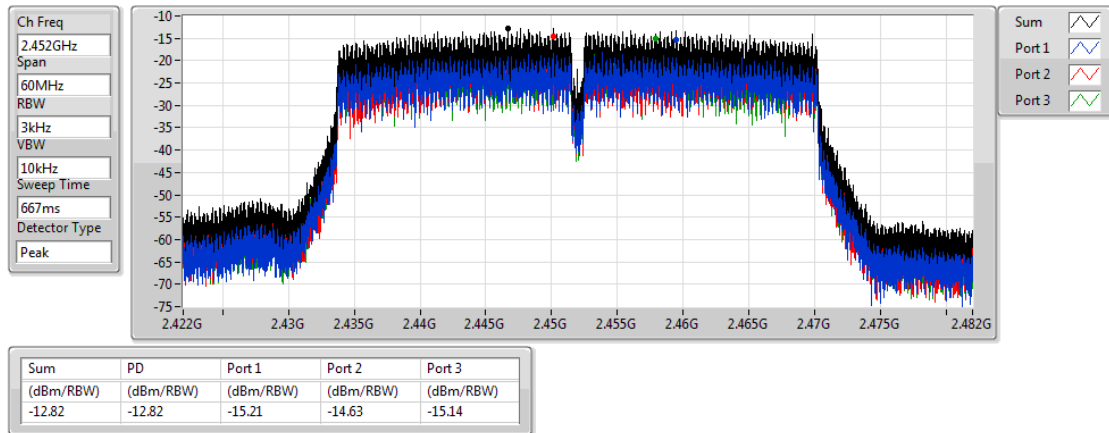
2437MHz



### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -1.90           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -7.16           |

RBW=3kHz.

**Result**

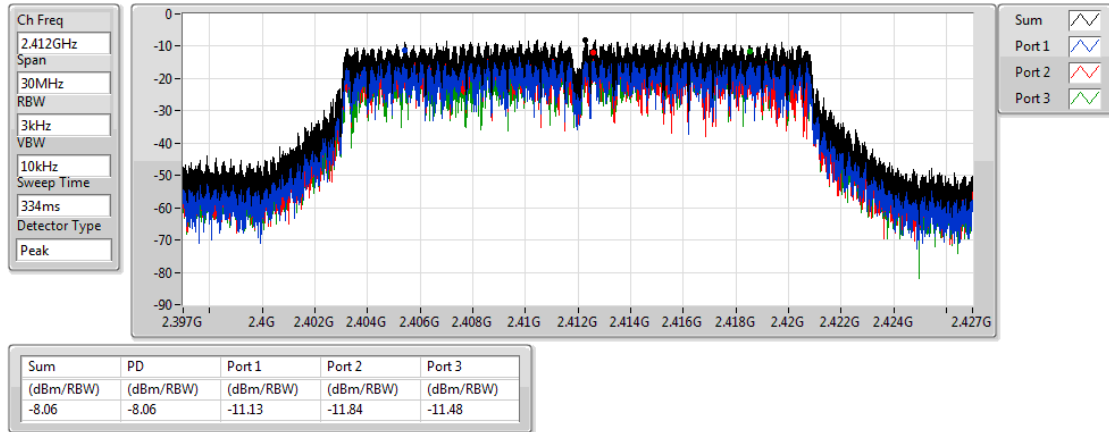
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 5.90        | -11.13              | -11.84              | -11.48              | -8.06           | 8.00                  |
| 2437MHz                           | Pass   | 5.90        | -5.95               | -4.92               | -4.97               | -1.90           | 8.00                  |
| 2462MHz                           | Pass   | 5.90        | -11.89              | -11.38              | -11.15              | -9.06           | 8.00                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 5.90        | -15.97              | -15.23              | -15.71              | -12.14          | 8.00                  |
| 2437MHz                           | Pass   | 5.90        | -10.36              | -10.35              | -10.89              | -7.16           | 8.00                  |
| 2452MHz                           | Pass   | 5.90        | -14.62              | -14.36              | -15.06              | -11.42          | 8.00                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

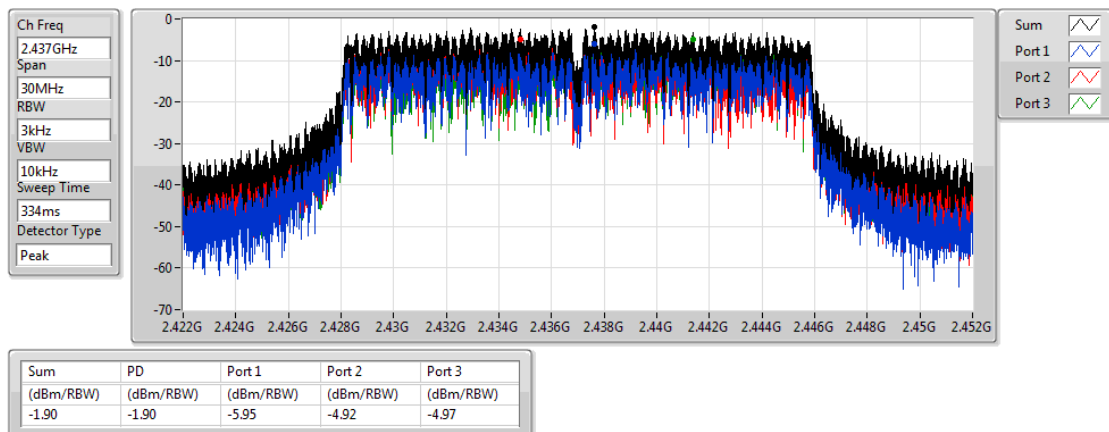
2412MHz



802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

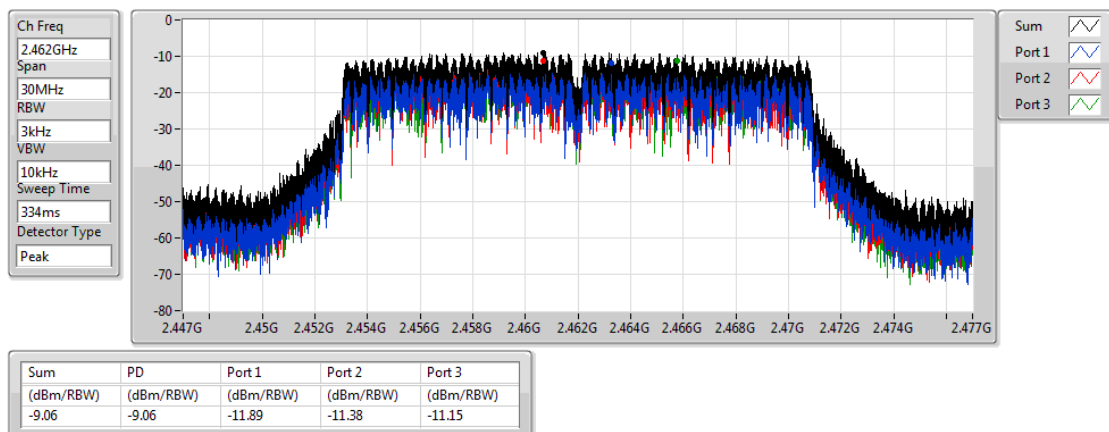
2437MHz



802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

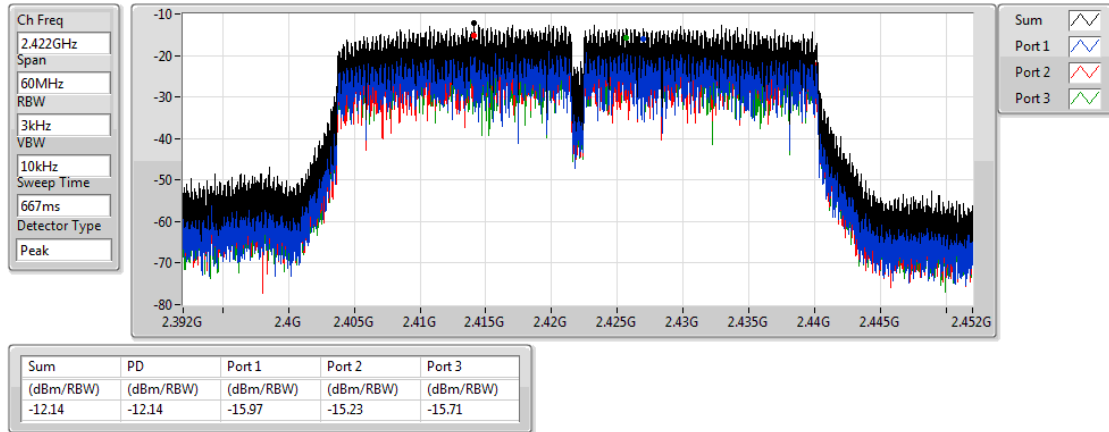
2462MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

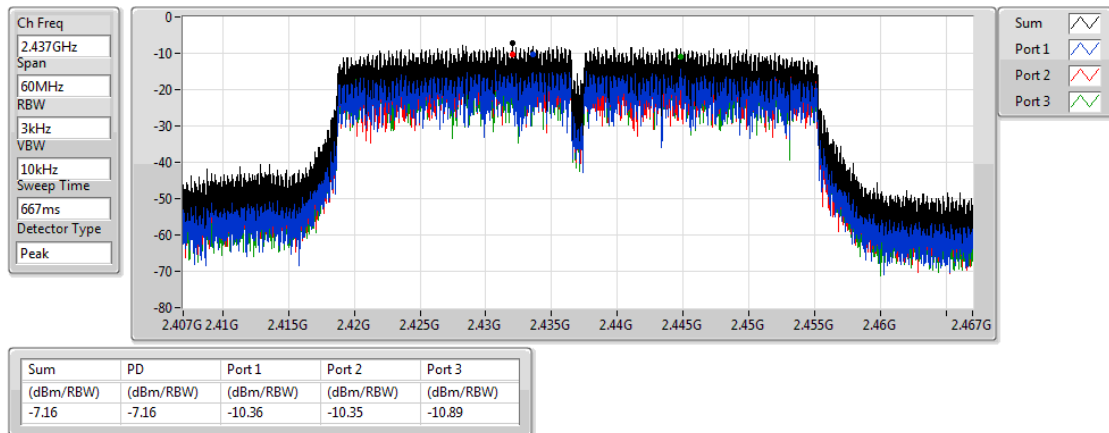
2422MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

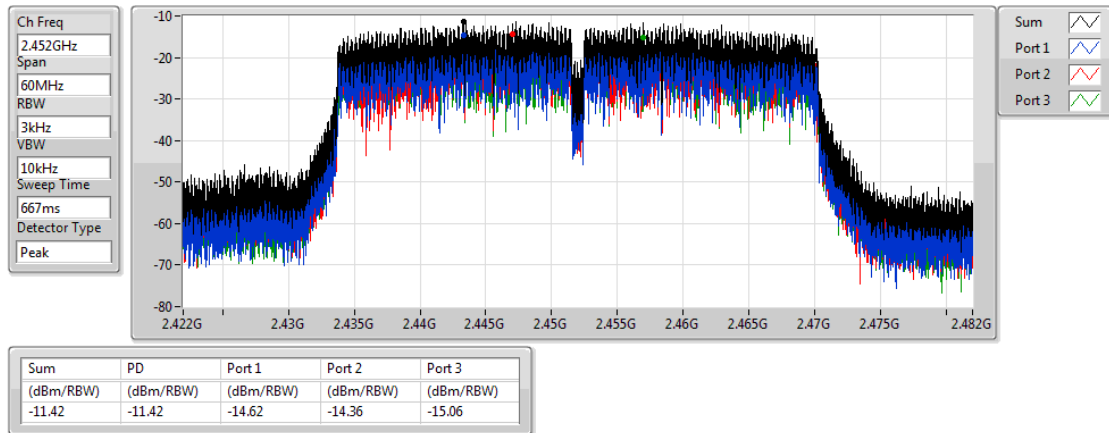
2437MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

2452MHz



**For Set 3 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -1.17           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -5.20           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -5.00           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -11.12          |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 10.75       | -1.63               | -1.63           | 3.25                  |
| 2437MHz                        | Pass   | 10.75       | -1.84               | -1.84           | 3.25                  |
| 2462MHz                        | Pass   | 10.75       | -1.17               | -1.17           | 3.25                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 10.75       | -9.39               | -9.39           | 3.25                  |
| 2437MHz                        | Pass   | 10.75       | -5.20               | -5.20           | 3.25                  |
| 2462MHz                        | Pass   | 10.75       | -9.55               | -9.55           | 3.25                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 10.75       | -9.25               | -9.25           | 3.25                  |
| 2437MHz                        | Pass   | 10.75       | -5.00               | -5.00           | 3.25                  |
| 2462MHz                        | Pass   | 10.75       | -10.36              | -10.36          | 3.25                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 10.75       | -15.62              | -15.62          | 3.25                  |
| 2437MHz                        | Pass   | 10.75       | -11.12              | -11.12          | 3.25                  |
| 2452MHz                        | Pass   | 10.75       | -11.88              | -11.88          | 3.25                  |

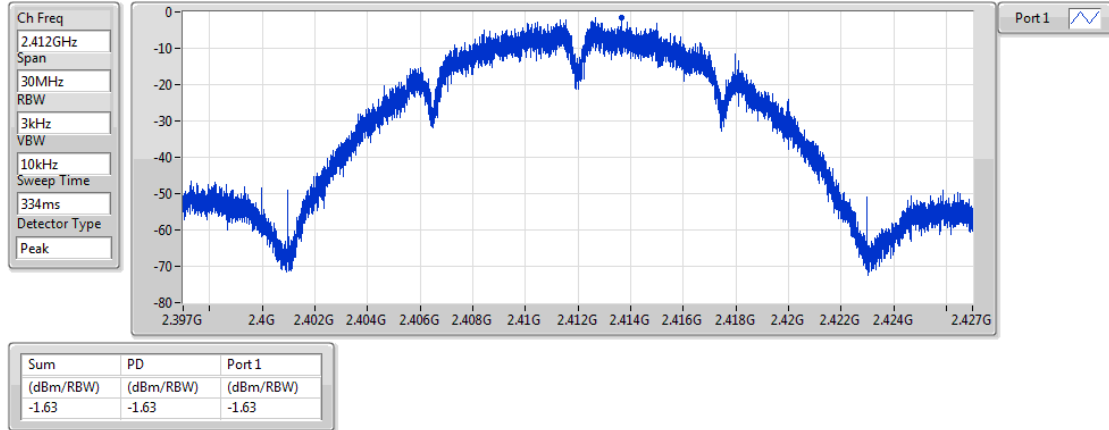
DG = Directional Gain; RBW=3kHz;

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

## 802.11b\_(1Mbps)\_1TX

PSD

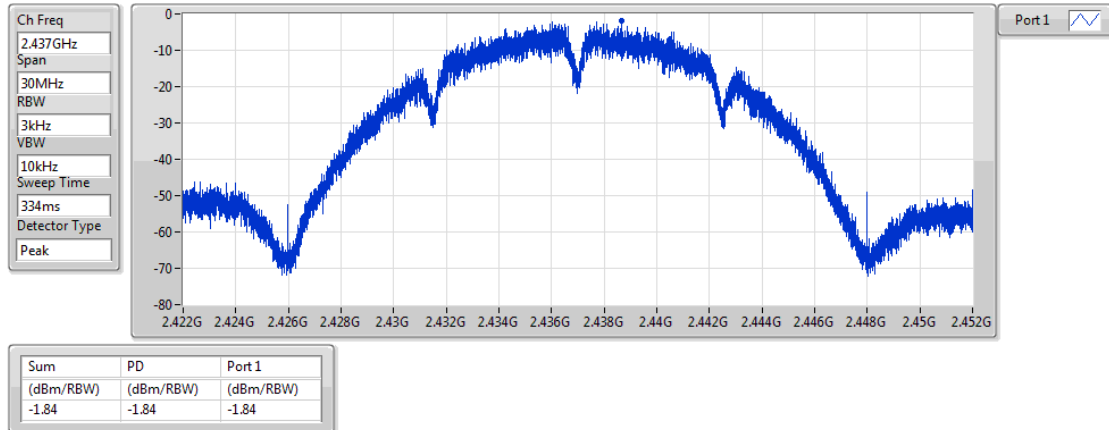
2412MHz



## 802.11b\_(1Mbps)\_1TX

PSD

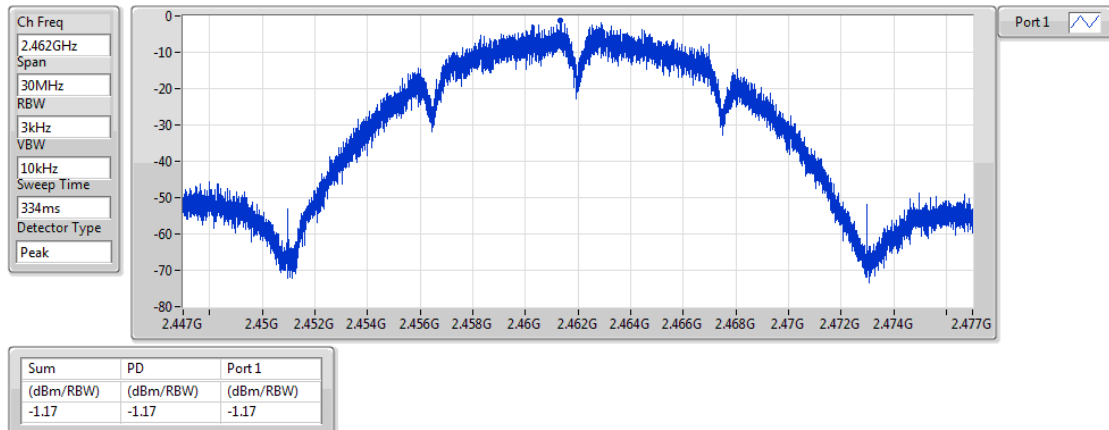
2437MHz

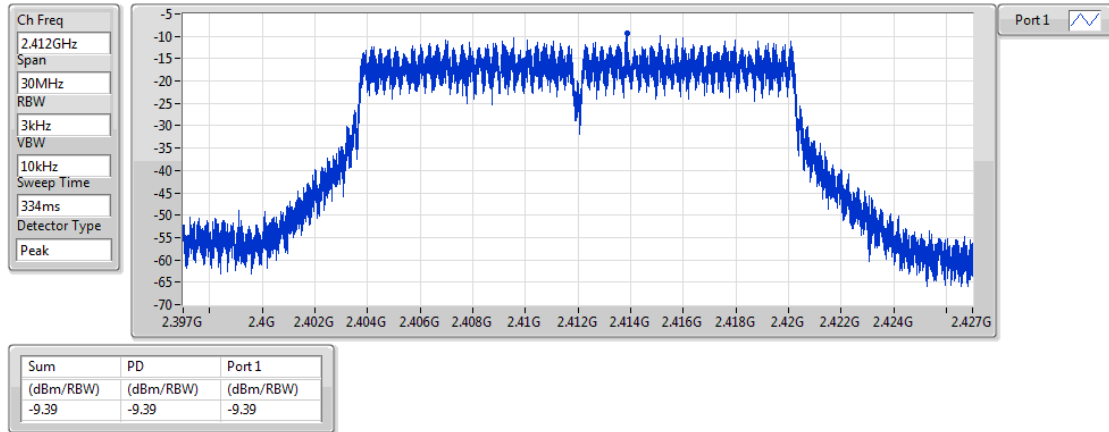
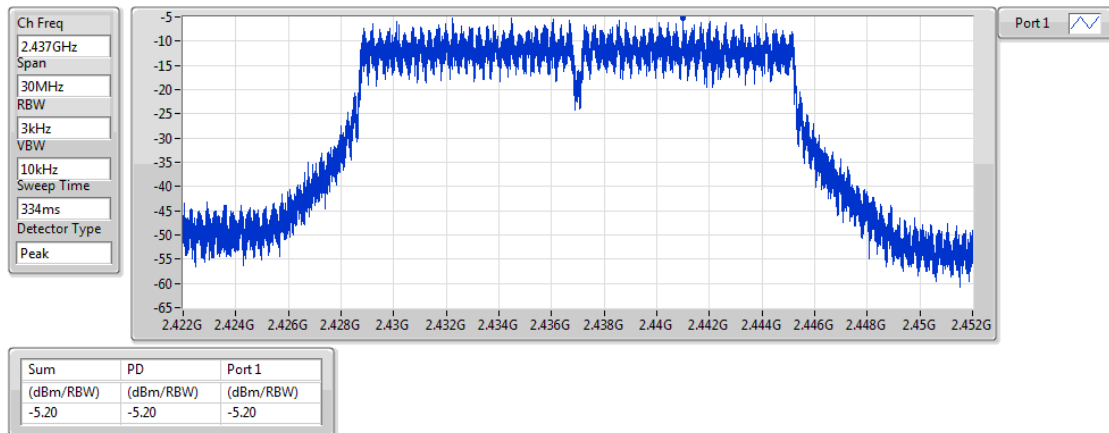
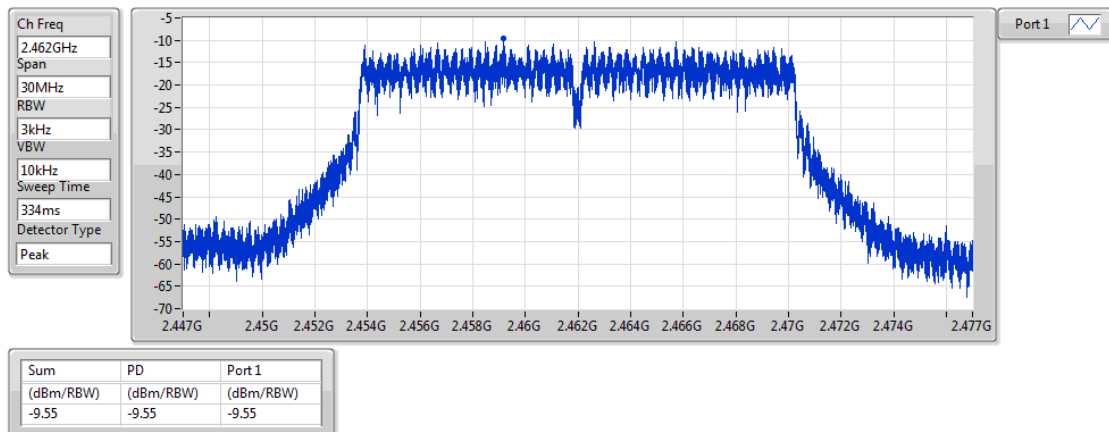


## 802.11b\_(1Mbps)\_1TX

PSD

2462MHz

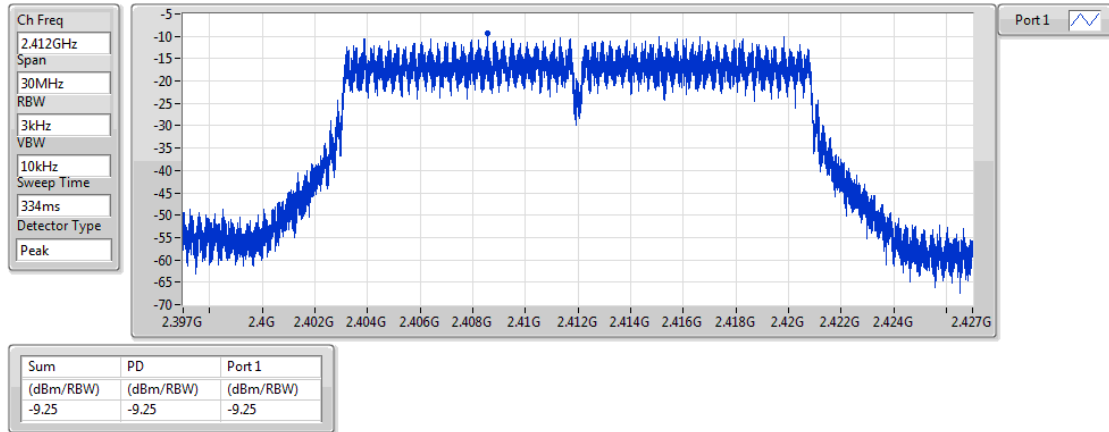


**802.11g\_(6Mbps)\_1TX**
**PSD**
**2412MHz**

**802.11g\_(6Mbps)\_1TX**
**PSD**
**2437MHz**

**802.11g\_(6Mbps)\_1TX**
**PSD**
**2462MHz**


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

PSD

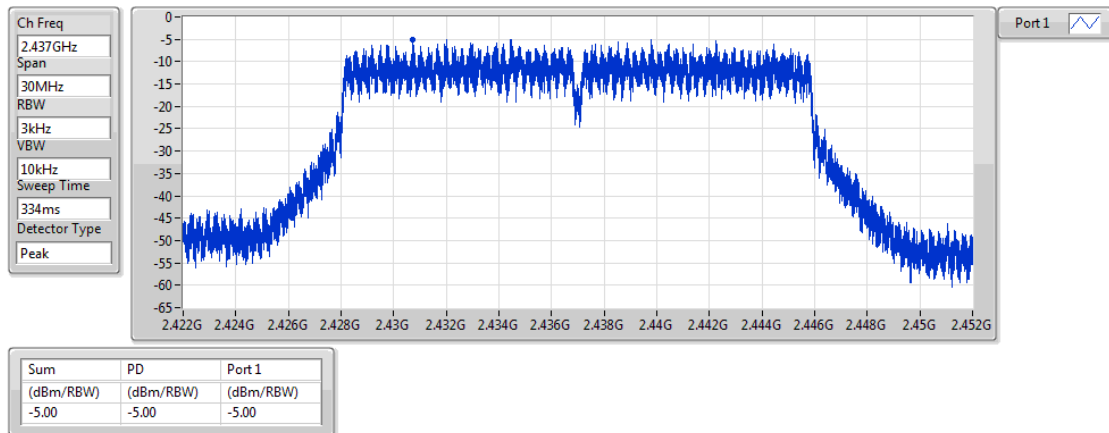
2412MHz



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

PSD

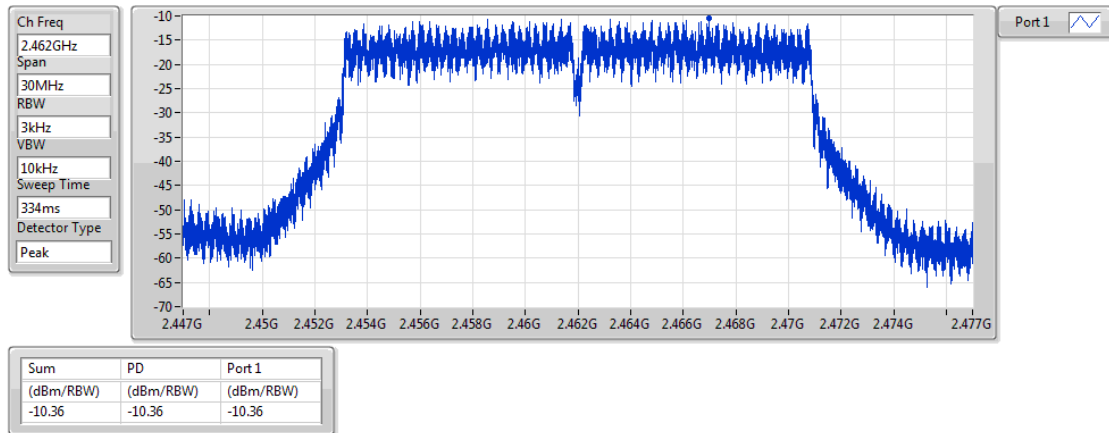
2437MHz



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

PSD

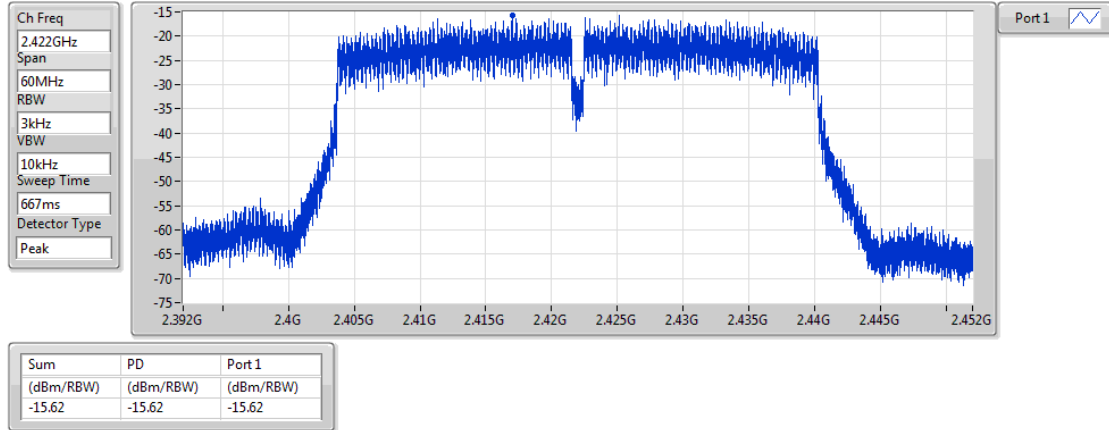
2462MHz



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

PSD

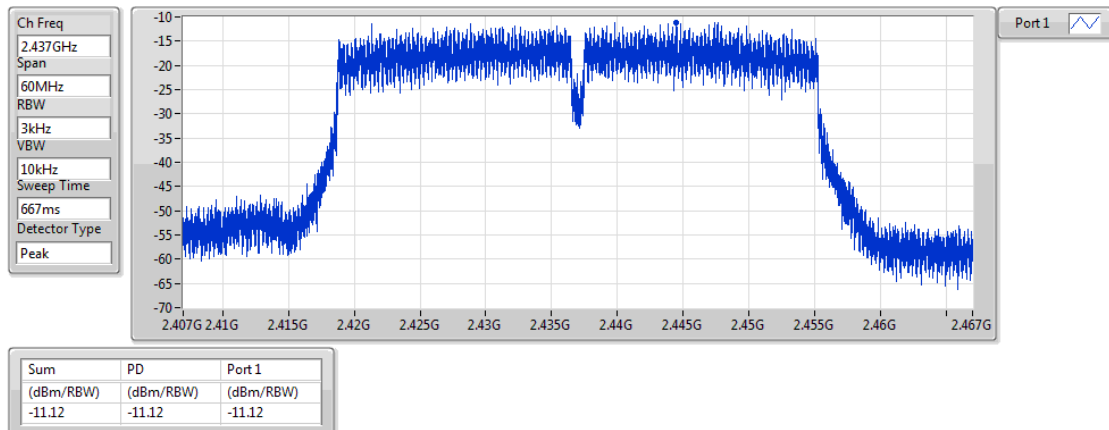
2422MHz



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

PSD

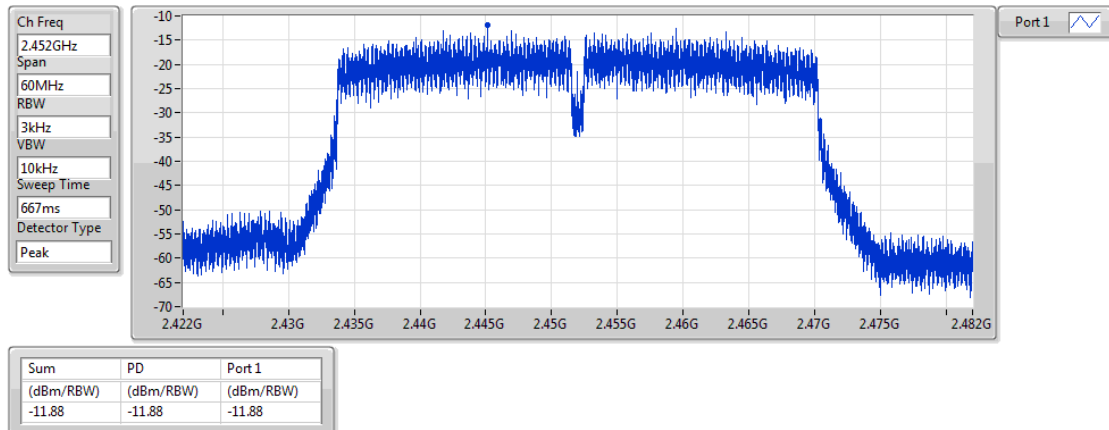
2437MHz



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

PSD

2452MHz



**For Set 3 antennas / 2TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | 0.05            |
| 802.11g_(6Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | -3.10           |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -2.42           |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -12.22          |

RBW=3kHz.

**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) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 13.20       | -1.30               | -2.41               | -0.27           | 0.80                  |
| 2437MHz                        | Pass   | 13.20       | -0.95               | -1.57               | 0.05            | 0.80                  |
| 2462MHz                        | Pass   | 13.20       | -2.57               | -0.62               | -0.10           | 0.80                  |
| 802.11g_(6Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 13.20       | -14.14              | -13.85              | -12.58          | 0.80                  |
| 2437MHz                        | Pass   | 13.20       | -5.23               | -4.78               | -3.10           | 0.80                  |
| 2462MHz                        | Pass   | 13.20       | -12.78              | -12.56              | -11.43          | 0.80                  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 13.20       | -13.20              | -13.55              | -11.70          | 0.80                  |
| 2437MHz                        | Pass   | 13.20       | -4.49               | -4.37               | -2.42           | 0.80                  |
| 2462MHz                        | Pass   | 13.20       | -12.38              | -12.34              | -11.15          | 0.80                  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 13.20       | -18.94              | -18.91              | -17.07          | 0.80                  |
| 2437MHz                        | Pass   | 13.20       | -14.45              | -13.83              | -12.22          | 0.80                  |
| 2452MHz                        | Pass   | 13.20       | -16.49              | -16.27              | -14.60          | 0.80                  |

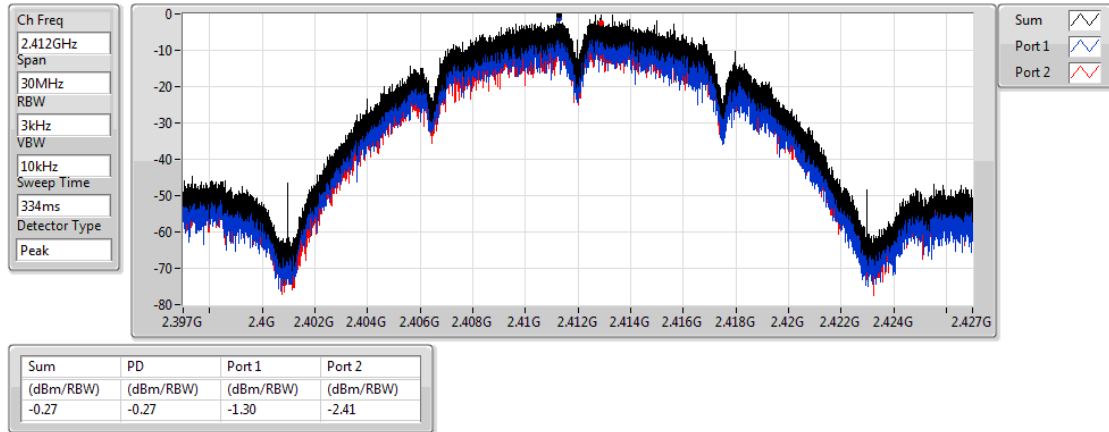
**DG** = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_2TX

PSD

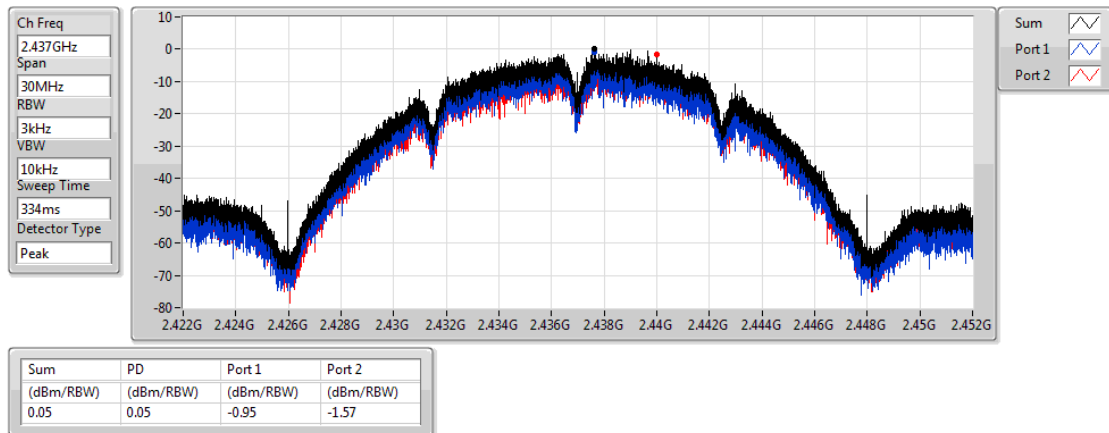
2412MHz



### 802.11b\_(1Mbps)\_2TX

PSD

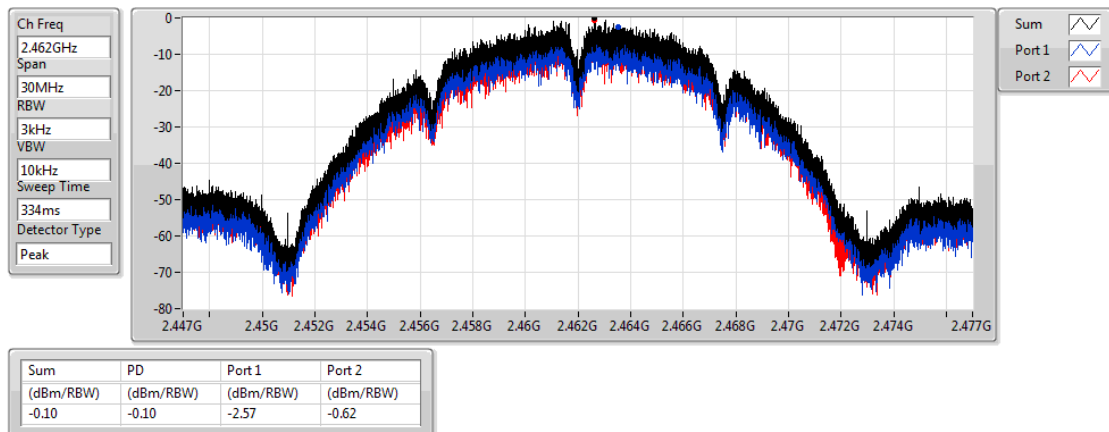
2437MHz



### 802.11b\_(1Mbps)\_2TX

PSD

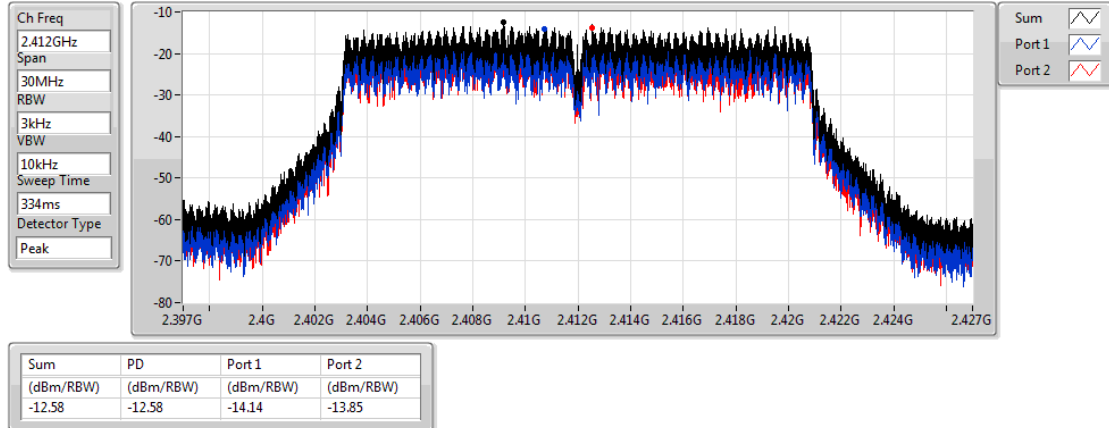
2462MHz



### 802.11g\_(6Mbps)\_2TX

PSD

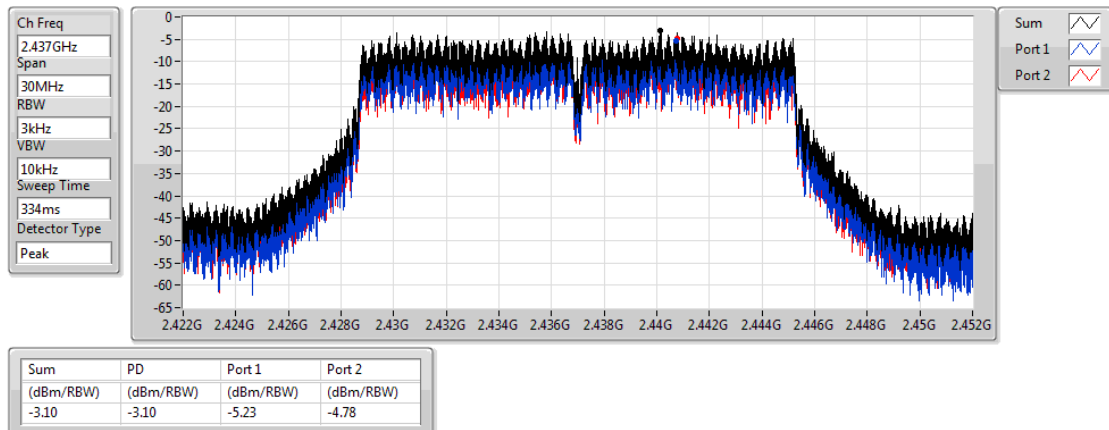
2412MHz



### 802.11g\_(6Mbps)\_2TX

PSD

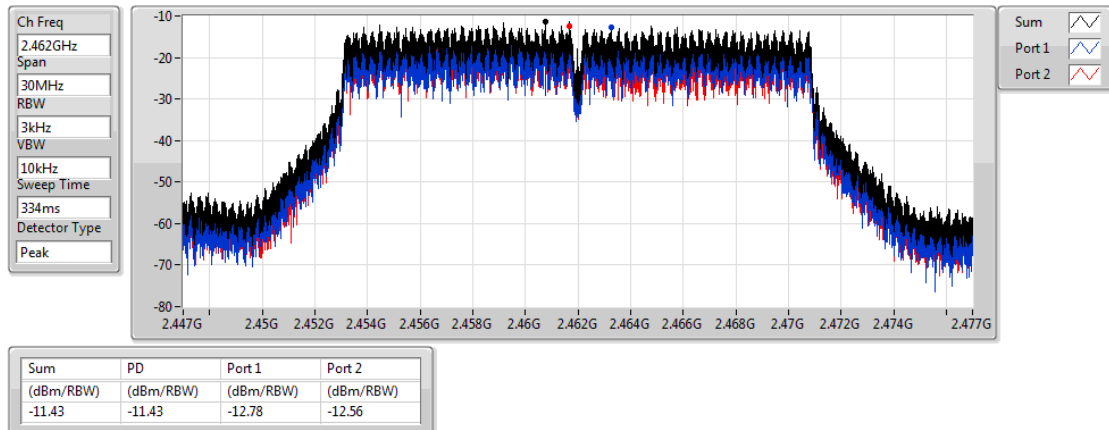
2437MHz



### 802.11g\_(6Mbps)\_2TX

PSD

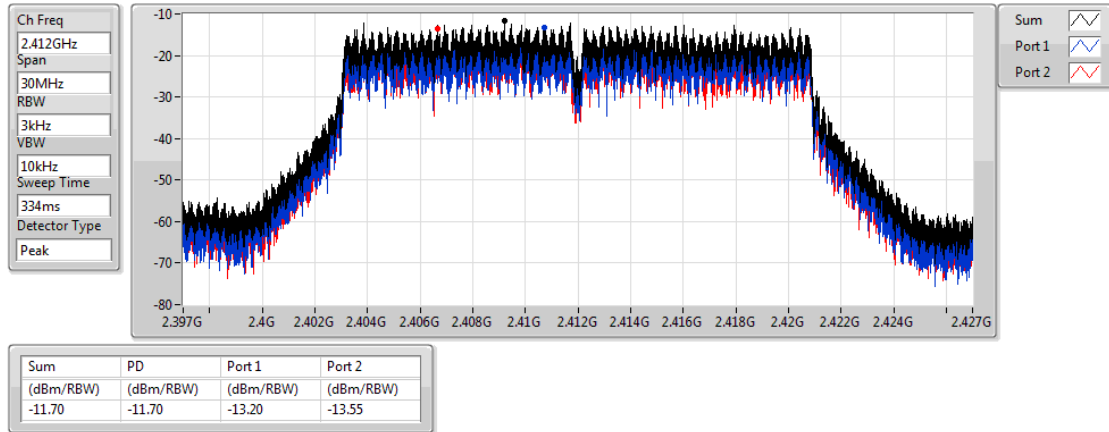
2462MHz



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

PSD

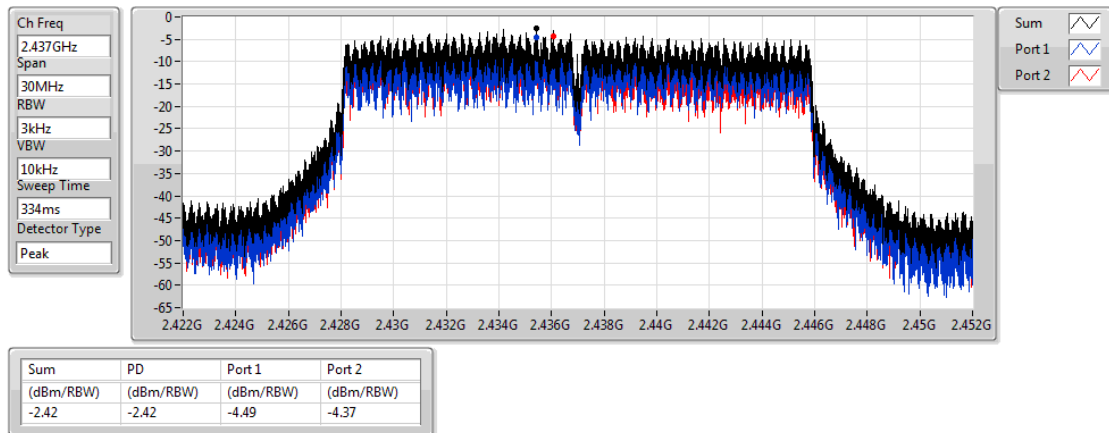
2412MHz



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

PSD

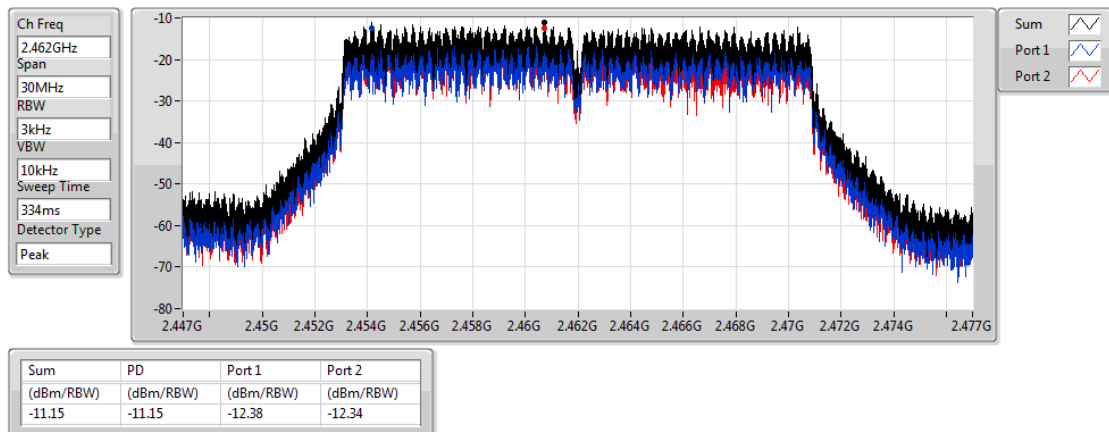
2437MHz



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

PSD

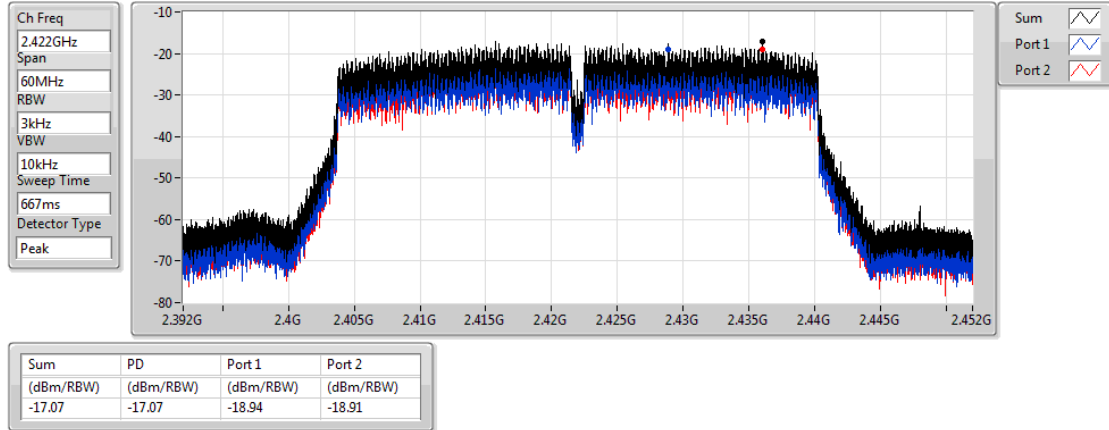
2462MHz



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

PSD

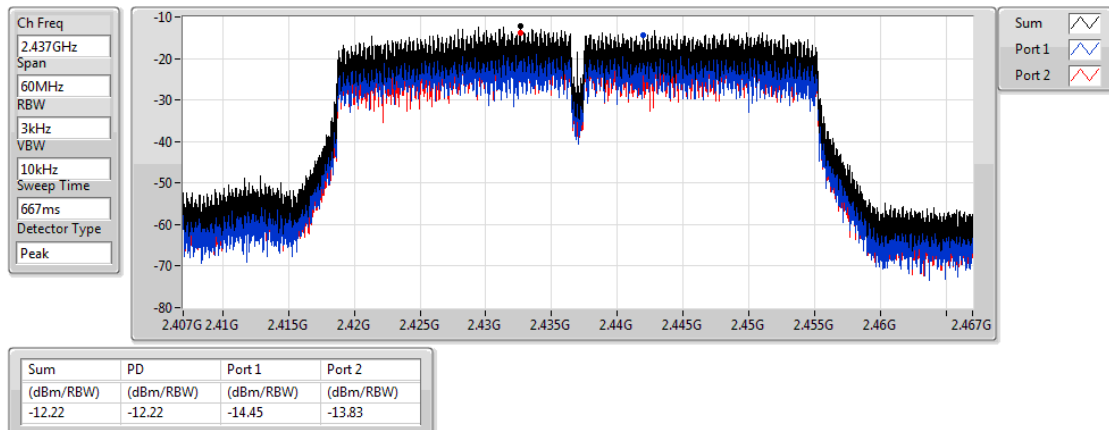
2422MHz



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

PSD

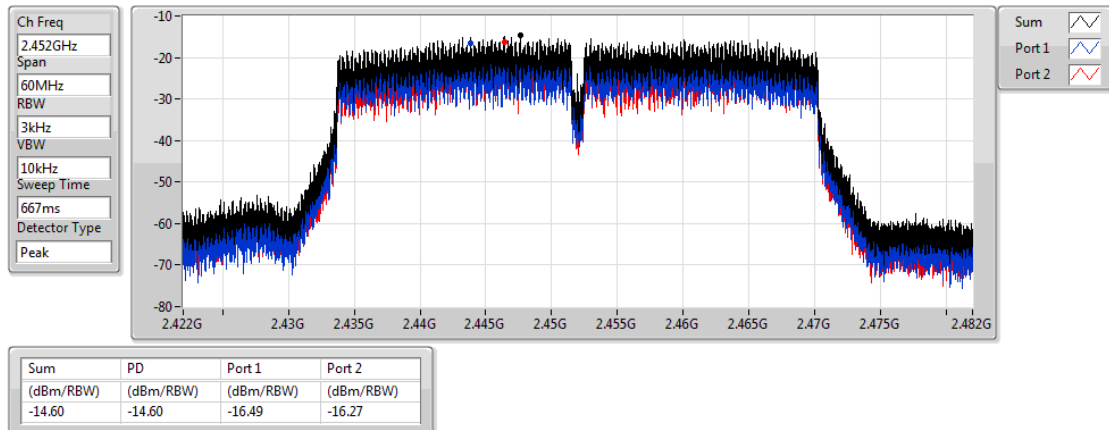
2437MHz



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

PSD

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -6.87           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -13.48          |

RBW=3kHz.

**Result**

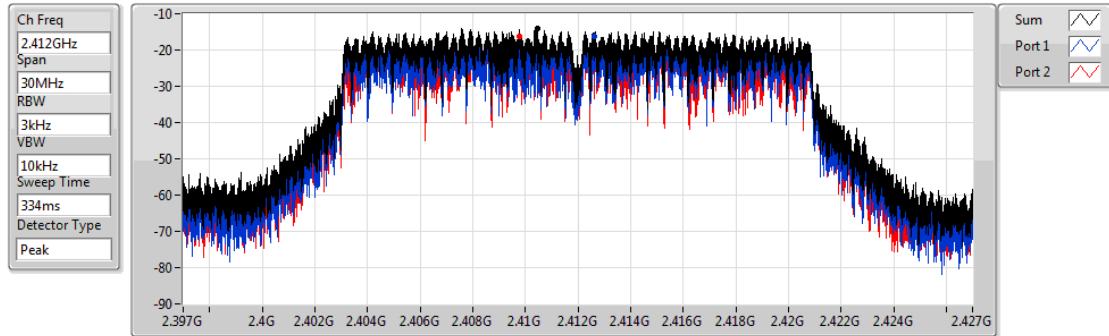
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 13.20       | -16.19              | -16.31              | -14.15          | 0.80                  |
| 2437MHz                           | Pass   | 13.20       | -9.03               | -7.95               | -6.87           | 0.80                  |
| 2462MHz                           | Pass   | 13.20       | -15.51              | -15.50              | -13.66          | 0.80                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 13.20       | -19.70              | -19.07              | -17.18          | 0.80                  |
| 2437MHz                           | Pass   | 13.20       | -16.16              | -15.27              | -13.48          | 0.80                  |
| 2452MHz                           | Pass   | 13.20       | -17.87              | -18.21              | -16.20          | 0.80                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

2412MHz

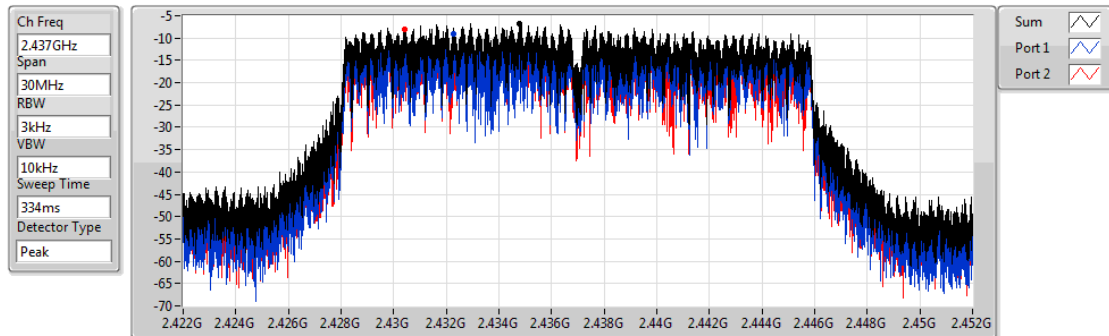


| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -14.15       | -14.15       | -16.19       | -16.31       |

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

PSD

2437MHz

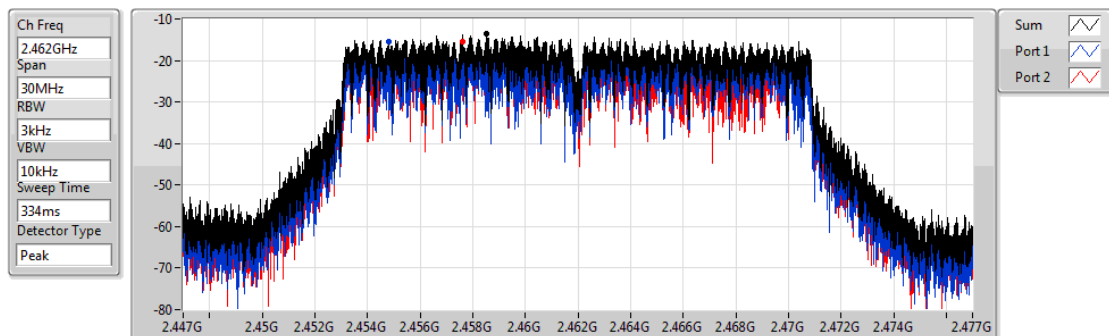


| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -6.87        | -6.87        | -9.03        | -7.95        |

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

PSD

2462MHz

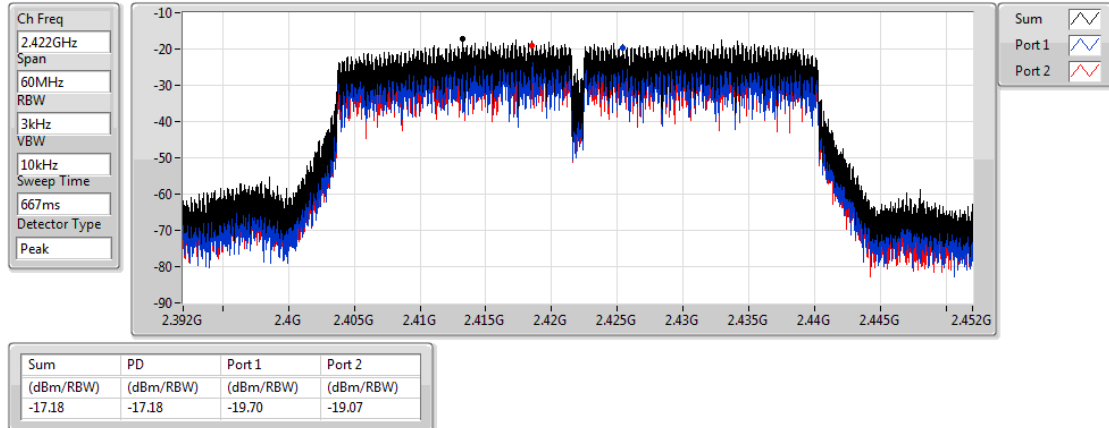


| Sum          | PD           | Port 1       | Port 2       |
|--------------|--------------|--------------|--------------|
| (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) | (dBm/100kHz) |
| -13.66       | -13.66       | -15.51       | -15.50       |

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

PSD

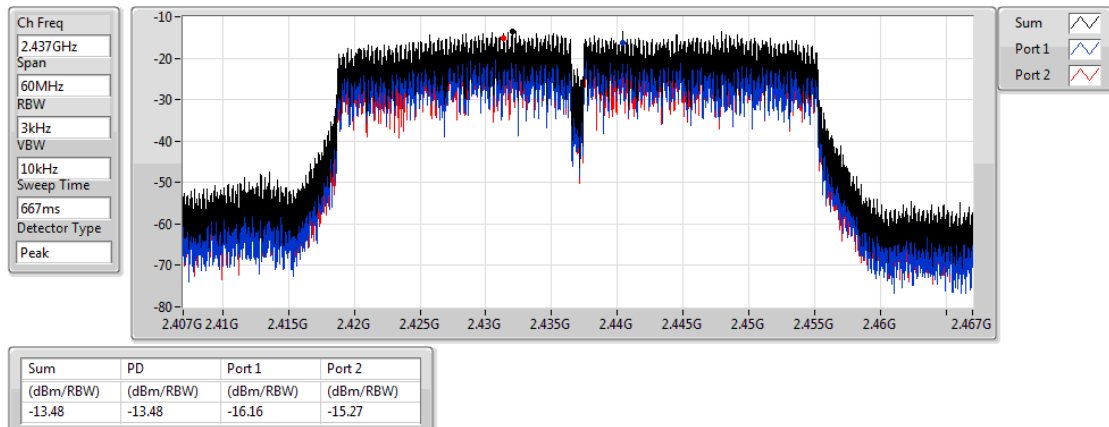
2422MHz



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

PSD

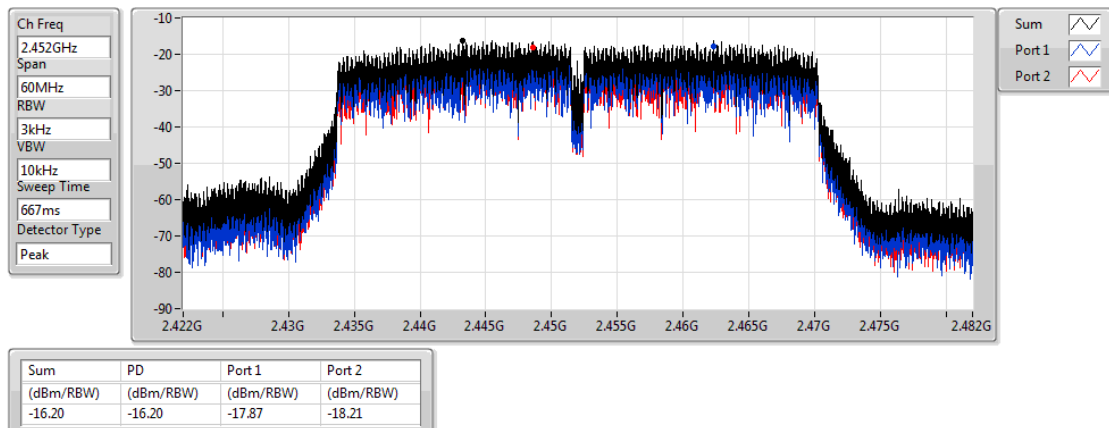
2437MHz



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

PSD

2452MHz





**For Set 3 antennas / 3TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | -6.56           |
| 802.11g_(6Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | -2.31           |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -2.38           |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -11.57          |

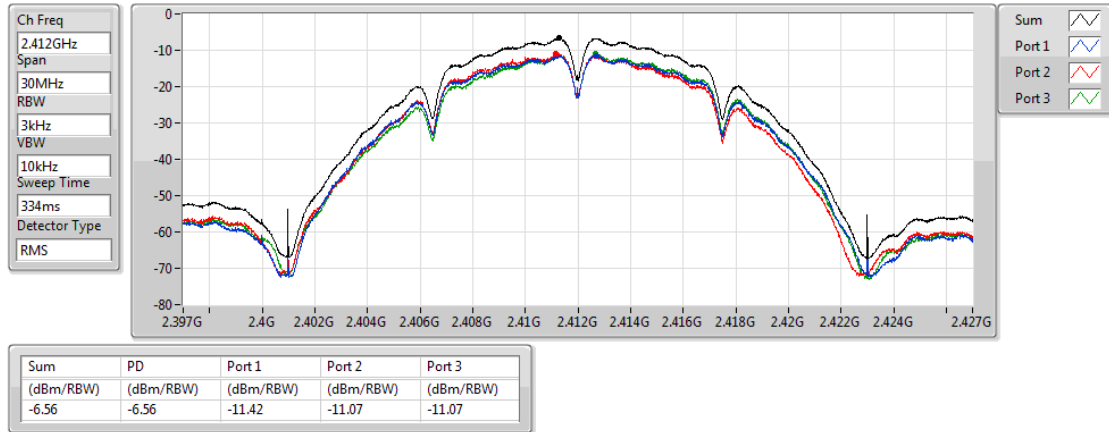
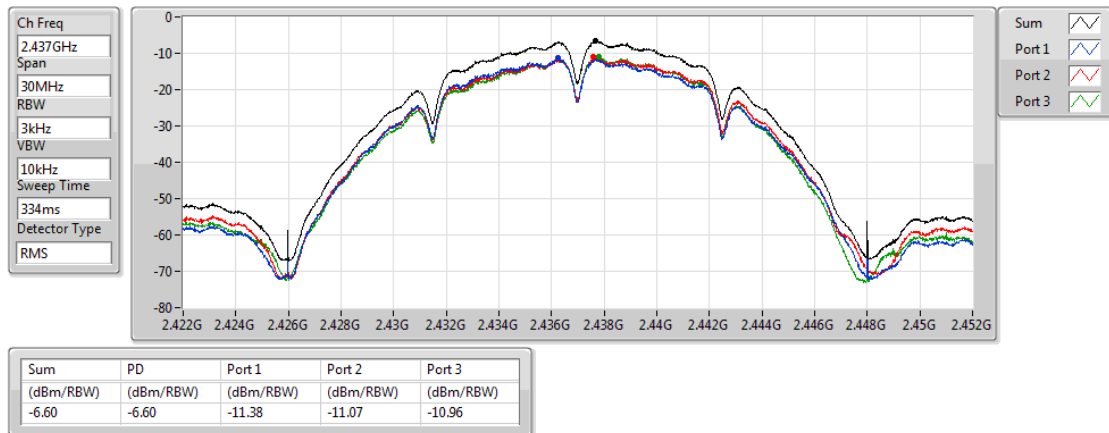
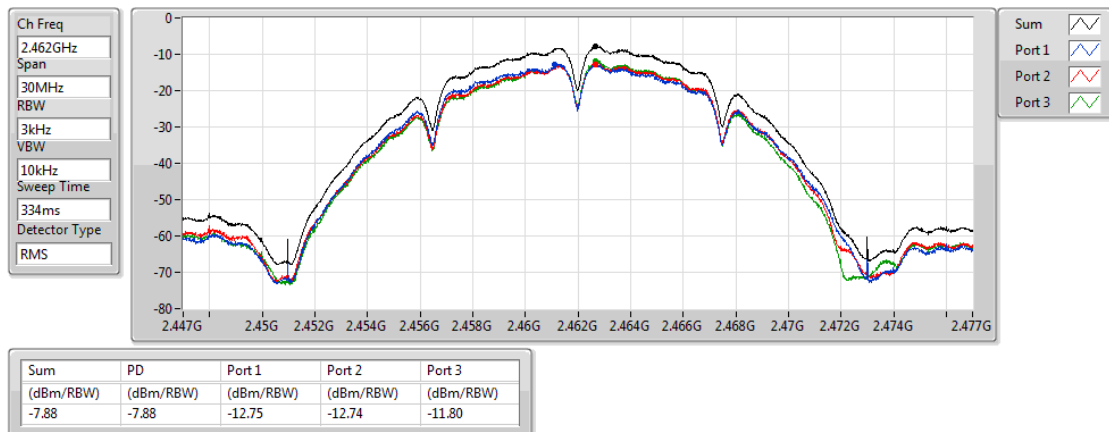
RBW=3kHz.

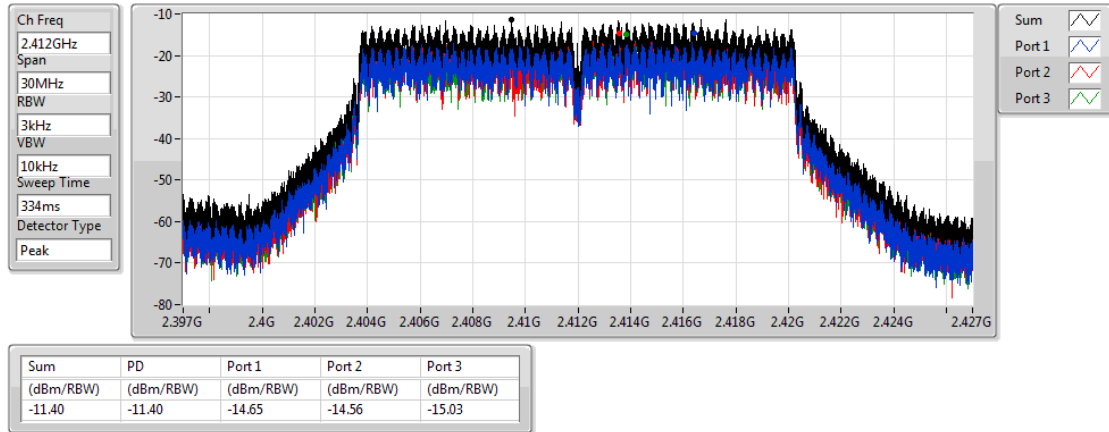
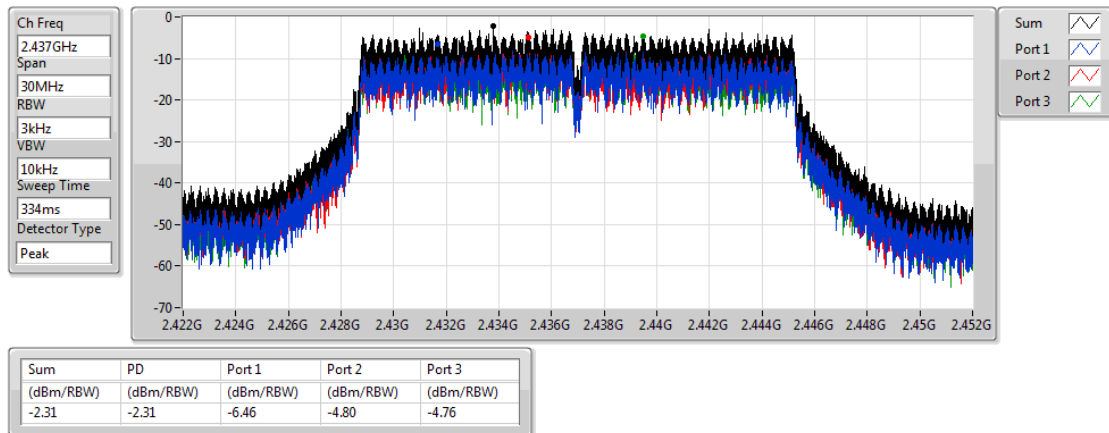
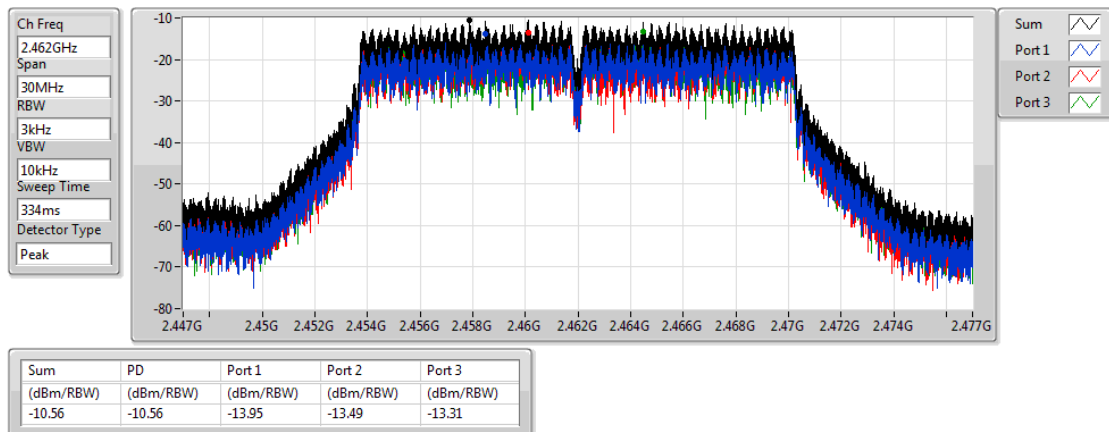
**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 15.20       | -11.42              | -11.07              | -11.07              | -6.56           | -1.20                 |
| 2437MHz                        | Pass   | 15.20       | -11.38              | -11.07              | -10.96              | -6.60           | -1.20                 |
| 2462MHz                        | Pass   | 15.20       | -12.75              | -12.74              | -11.80              | -7.88           | -1.20                 |
| 802.11g_(6Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 15.20       | -14.65              | -14.56              | -15.03              | -11.40          | -1.20                 |
| 2437MHz                        | Pass   | 15.20       | -6.46               | -4.80               | -4.76               | -2.31           | -1.20                 |
| 2462MHz                        | Pass   | 15.20       | -13.95              | -13.49              | -13.31              | -10.56          | -1.20                 |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 15.20       | -13.98              | -14.11              | -13.56              | -11.01          | -1.20                 |
| 2437MHz                        | Pass   | 15.20       | -5.07               | -4.42               | -5.02               | -2.38           | -1.20                 |
| 2462MHz                        | Pass   | 15.20       | -13.27              | -13.21              | -12.81              | -10.87          | -1.20                 |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 15.20       | -20.82              | -19.93              | -20.16              | -17.20          | -1.20                 |
| 2437MHz                        | Pass   | 15.20       | -14.99              | -14.71              | -13.14              | -11.57          | -1.20                 |
| 2452MHz                        | Pass   | 15.20       | -17.73              | -16.88              | -17.16              | -14.69          | -1.20                 |

**DG** = Directional Gain; RBW=3kHz;

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

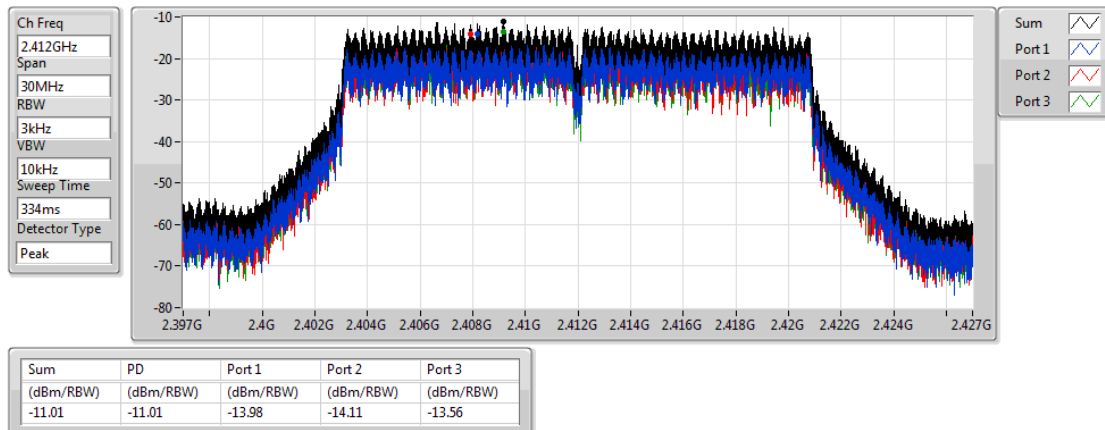
**802.11b\_(1Mbps)\_3TX**
**PSD**
**2412MHz**

**802.11b\_(1Mbps)\_3TX**
**PSD**
**2437MHz**

**802.11b\_(1Mbps)\_3TX**
**PSD**
**2462MHz**


**802.11g\_(6Mbps)\_3TX**
**PSD**
**2412MHz**

**802.11g\_(6Mbps)\_3TX**
**PSD**
**2437MHz**

**802.11g\_(6Mbps)\_3TX**
**PSD**
**2462MHz**


### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

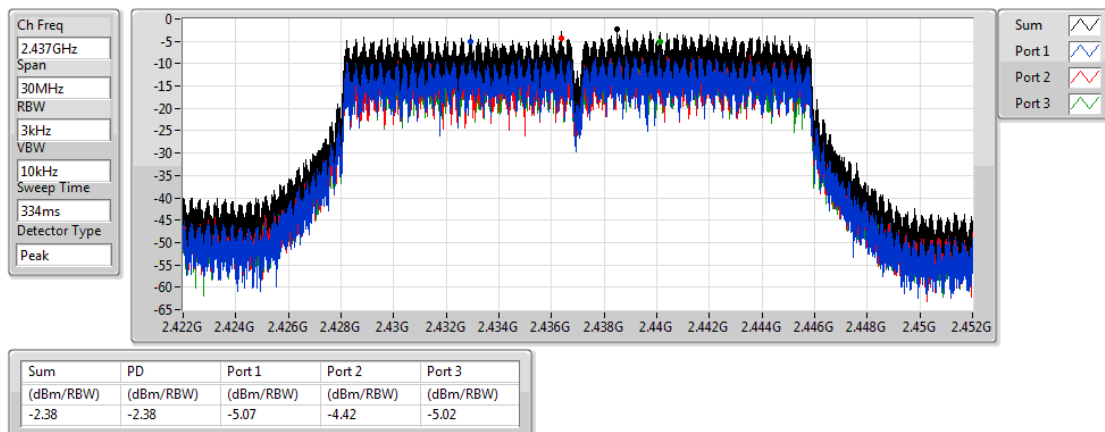
2412MHz



### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

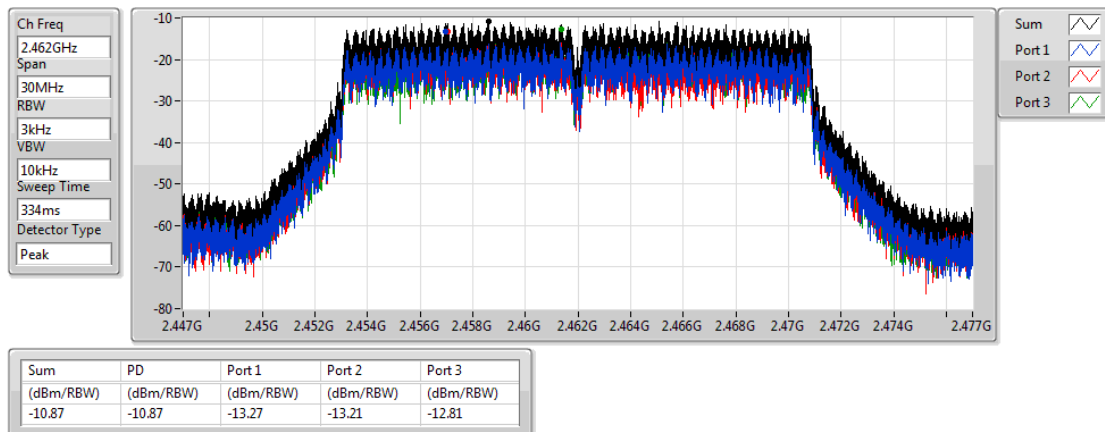
2437MHz

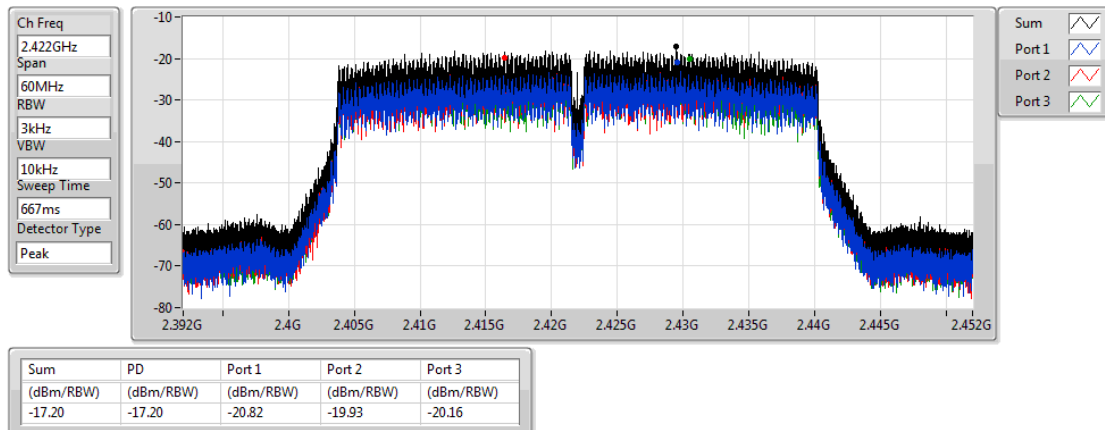
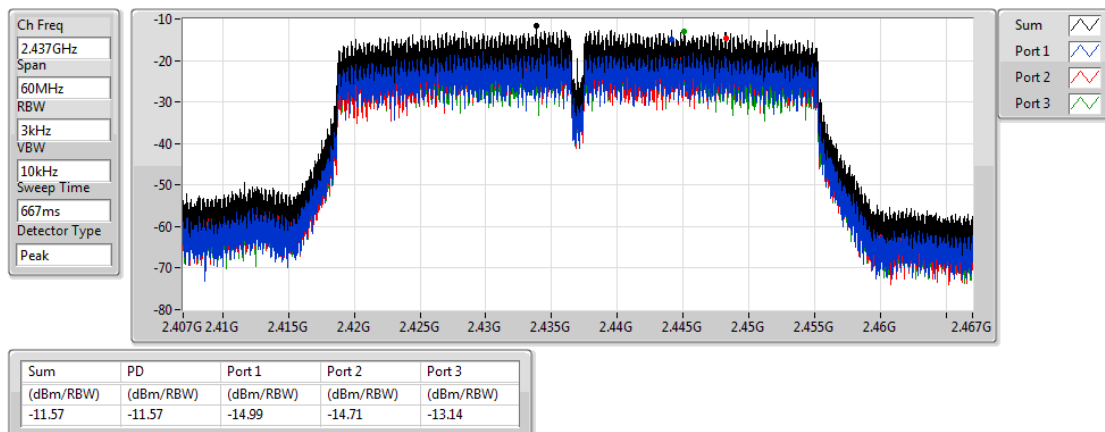
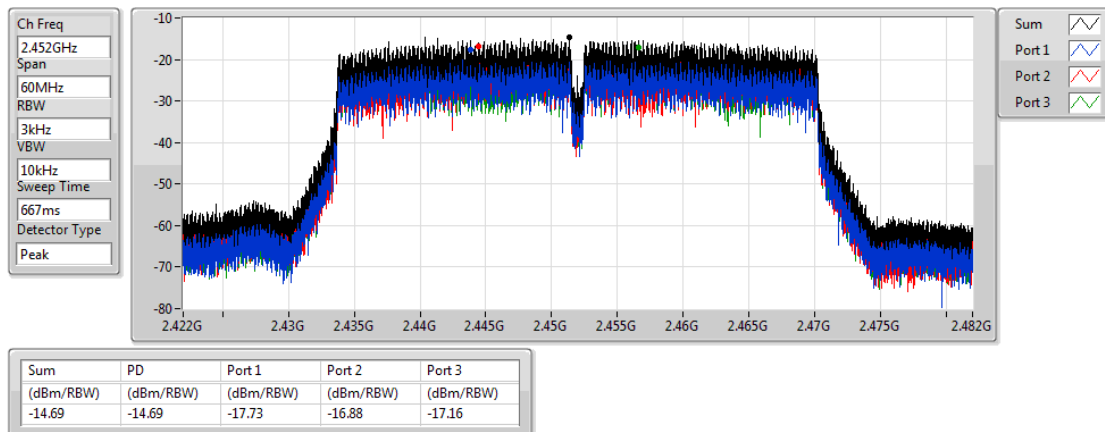


### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

2462MHz



**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**PSD**
**2422MHz**

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**PSD**
**2437MHz**

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**PSD**
**2452MHz**


**<For Beamforming Mode>**
**Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -8.83           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -14.27          |

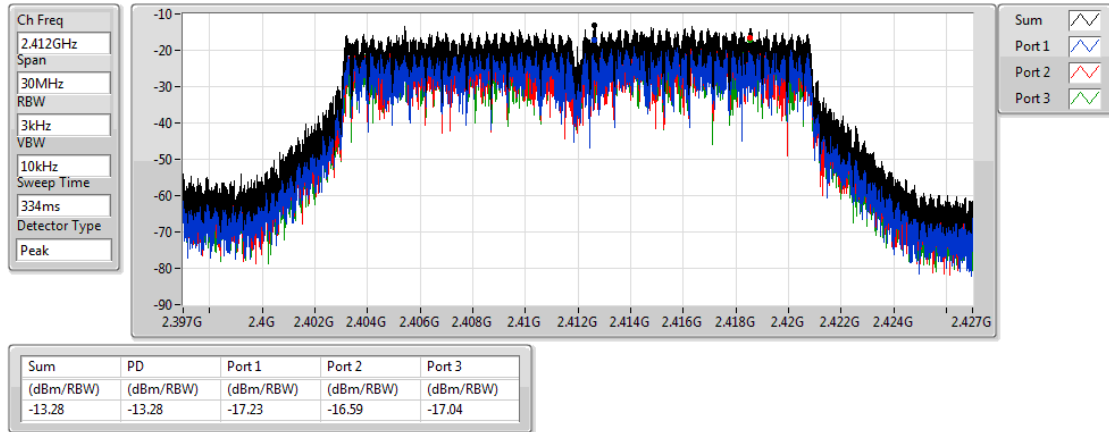
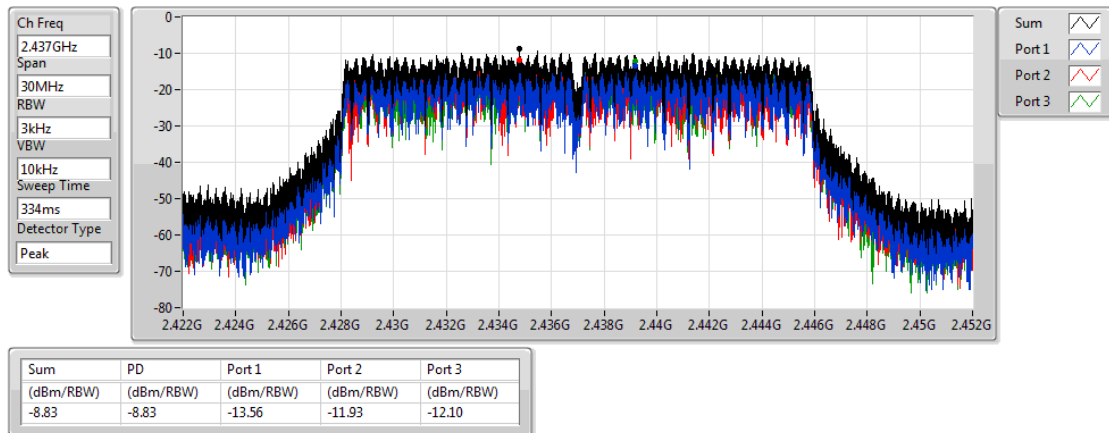
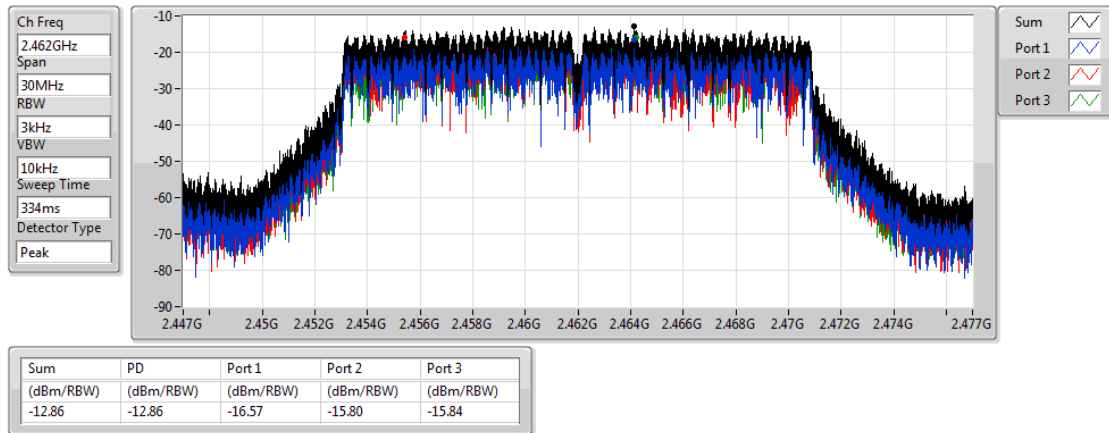
RBW=3kHz.

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 15.20       | -17.23              | -16.59              | -17.04              | -13.28          | -1.20                 |
| 2437MHz                           | Pass   | 15.20       | -13.56              | -11.93              | -12.10              | -8.83           | -1.20                 |
| 2462MHz                           | Pass   | 15.20       | -16.57              | -15.80              | -15.84              | -12.86          | -1.20                 |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 15.20       | -21.28              | -20.79              | -20.38              | -17.38          | -1.20                 |
| 2437MHz                           | Pass   | 15.20       | -18.75              | -18.03              | -17.35              | -14.27          | -1.20                 |
| 2452MHz                           | Pass   | 15.20       | -21.08              | -17.69              | -20.60              | -15.38          | -1.20                 |

**DG** = Directional Gain; RBW=3kHz;

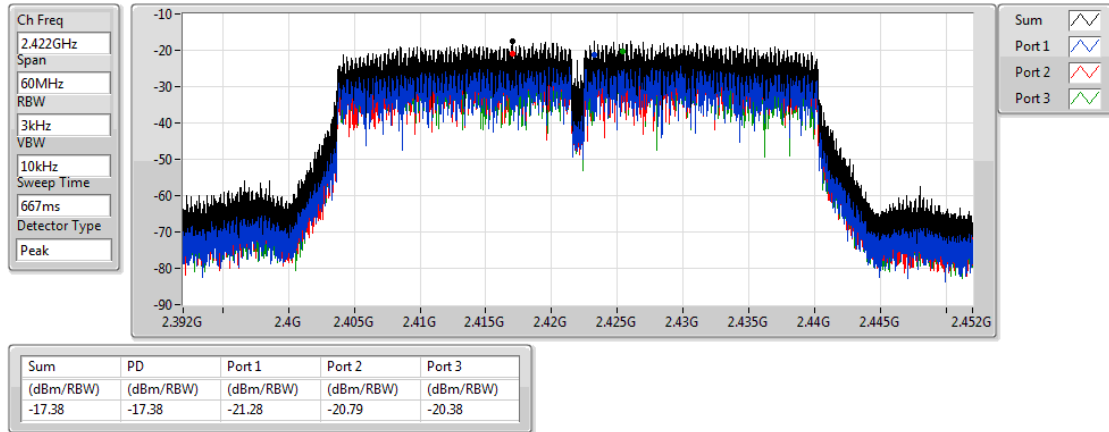
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2412MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2437MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2462MHz**


### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

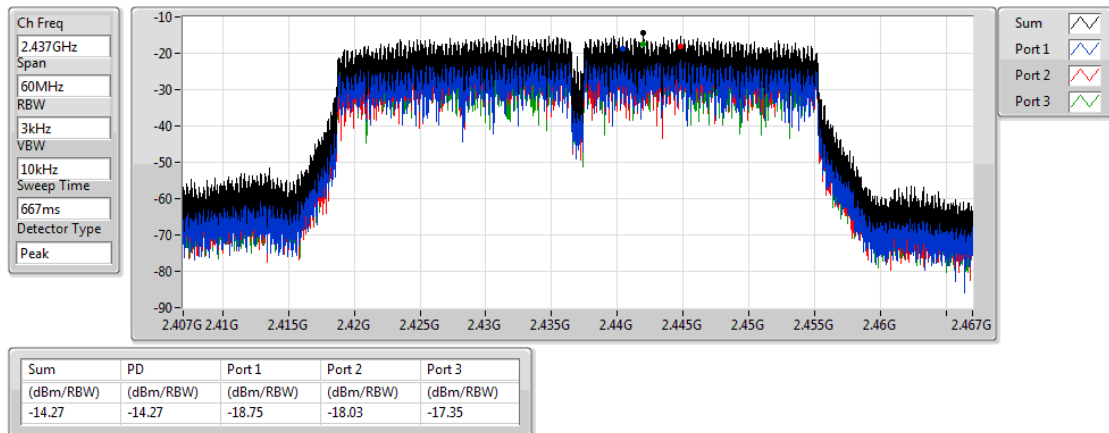
2422MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

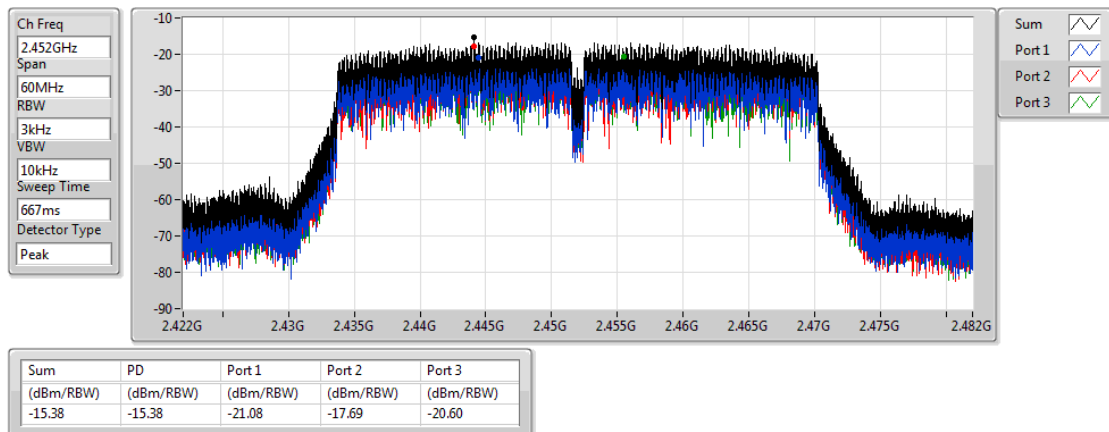
2437MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

2452MHz



**For Set 4 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -1.17           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -5.20           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -5.00           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -8.76           |

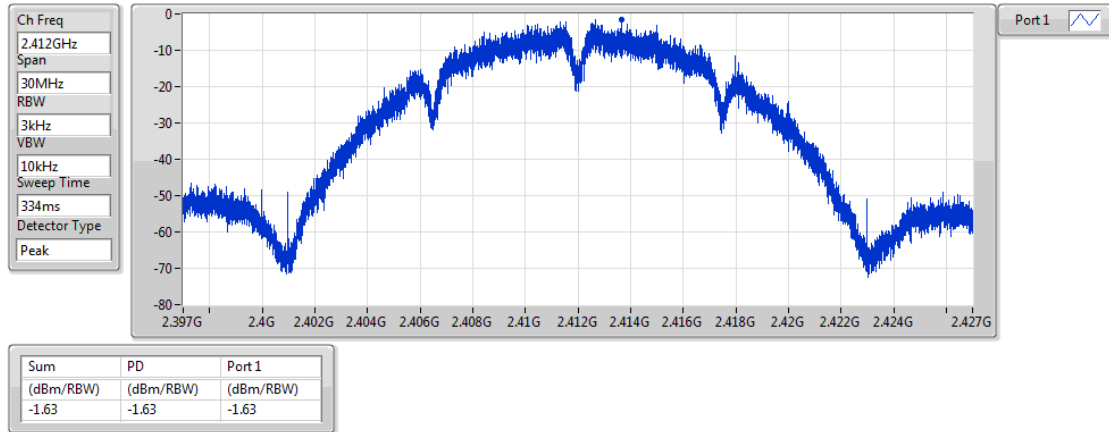
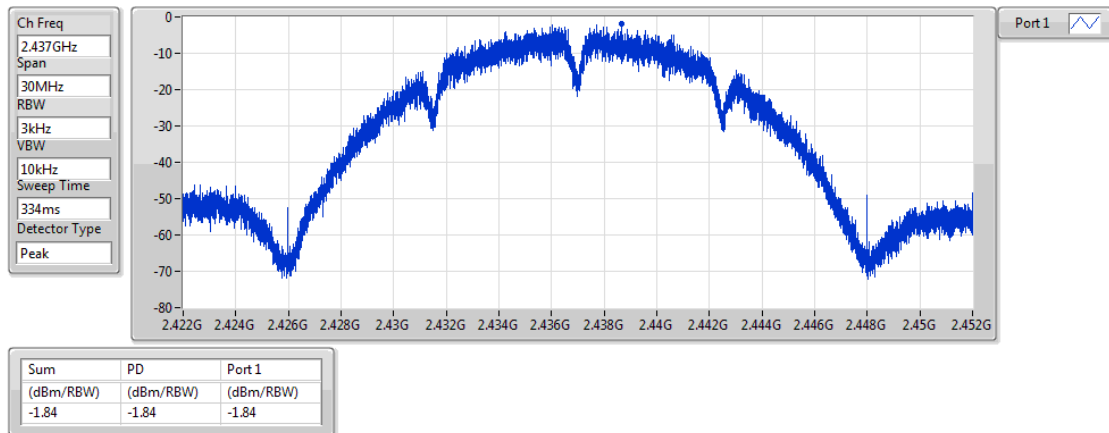
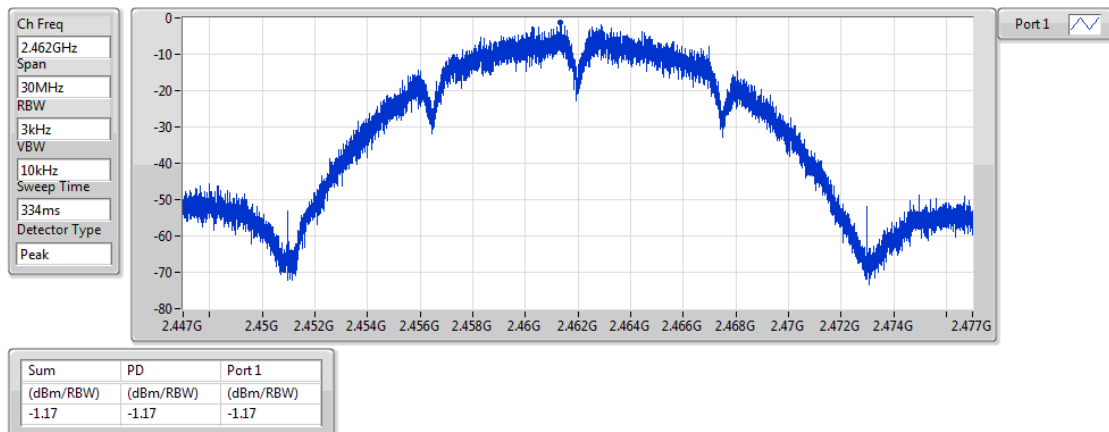
RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.90        | -1.63               | -1.63           | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -1.84               | -1.84           | 8.00                  |
| 2462MHz                        | Pass   | 5.90        | -1.17               | -1.17           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.90        | -7.19               | -7.19           | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -5.20               | -5.20           | 8.00                  |
| 2462MHz                        | Pass   | 5.90        | -7.81               | -7.81           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.90        | -6.97               | -6.97           | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -5.00               | -5.00           | 8.00                  |
| 2462MHz                        | Pass   | 5.90        | -7.86               | -7.86           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 5.90        | -14.18              | -14.18          | 8.00                  |
| 2437MHz                        | Pass   | 5.90        | -8.76               | -8.76           | 8.00                  |
| 2452MHz                        | Pass   | 5.90        | -11.21              | -11.21          | 8.00                  |

DG = Directional Gain; RBW=3kHz;

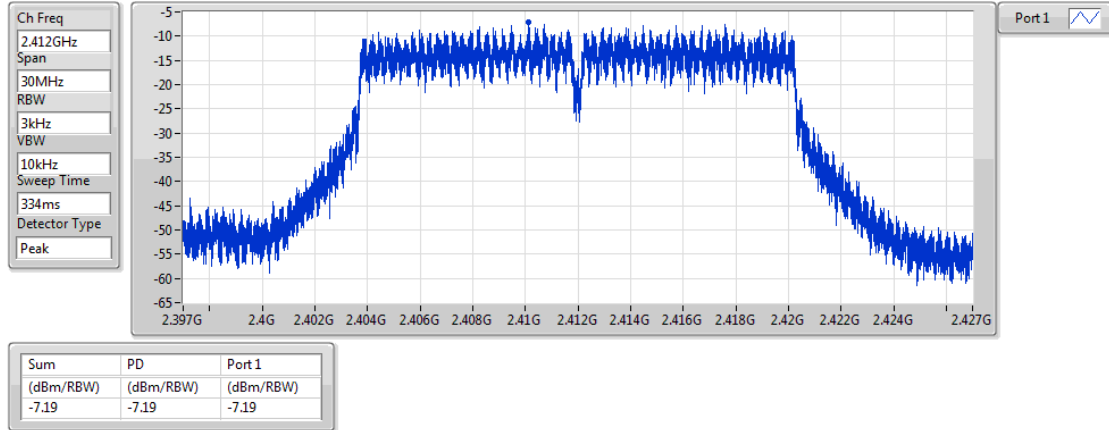
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

**802.11b\_(1Mbps)\_1TX**
**PSD**
**2412MHz**

**802.11b\_(1Mbps)\_1TX**
**PSD**
**2437MHz**

**802.11b\_(1Mbps)\_1TX**
**PSD**
**2462MHz**


### 802.11g\_(6Mbps)\_1TX

PSD

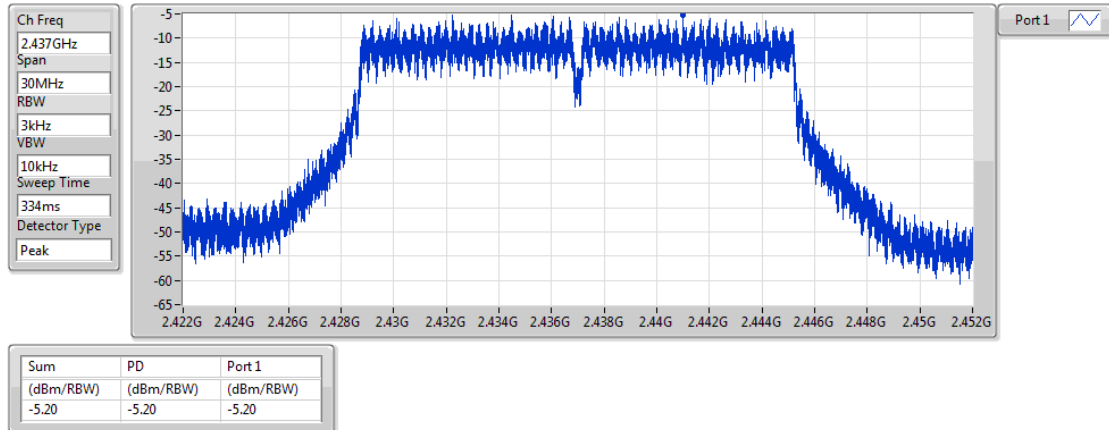
2412MHz



### 802.11g\_(6Mbps)\_1TX

PSD

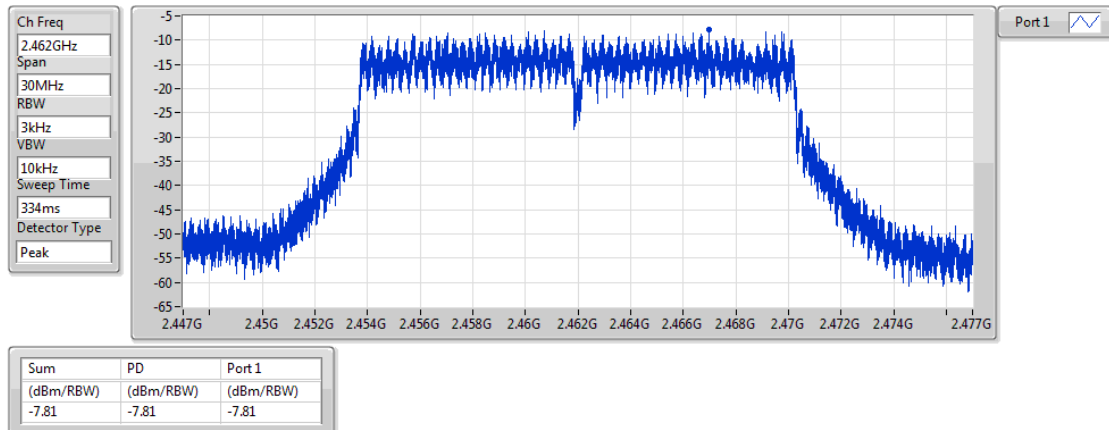
2437MHz



### 802.11g\_(6Mbps)\_1TX

PSD

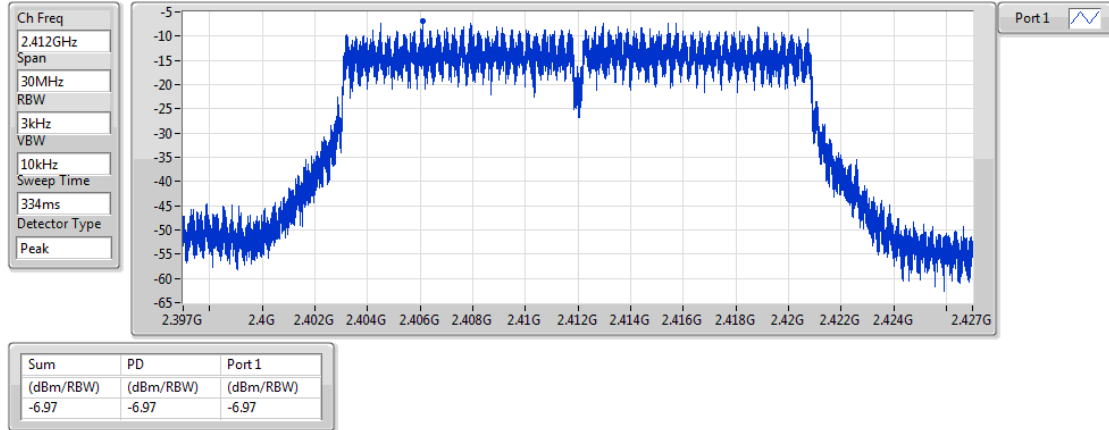
2462MHz



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

PSD

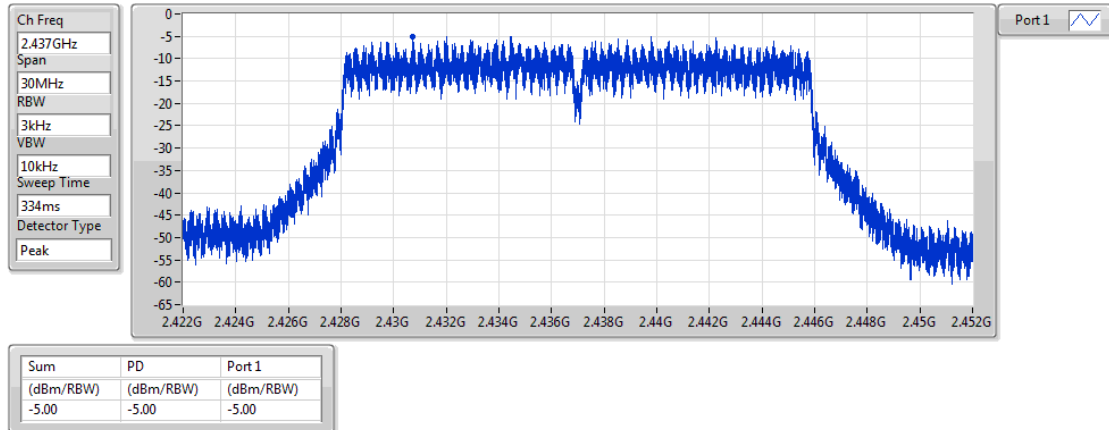
2412MHz



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

PSD

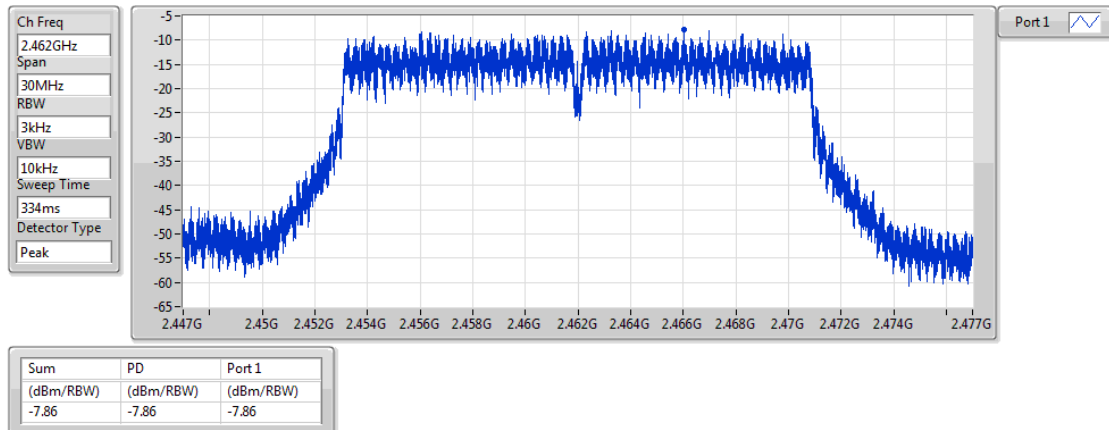
2437MHz



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

PSD

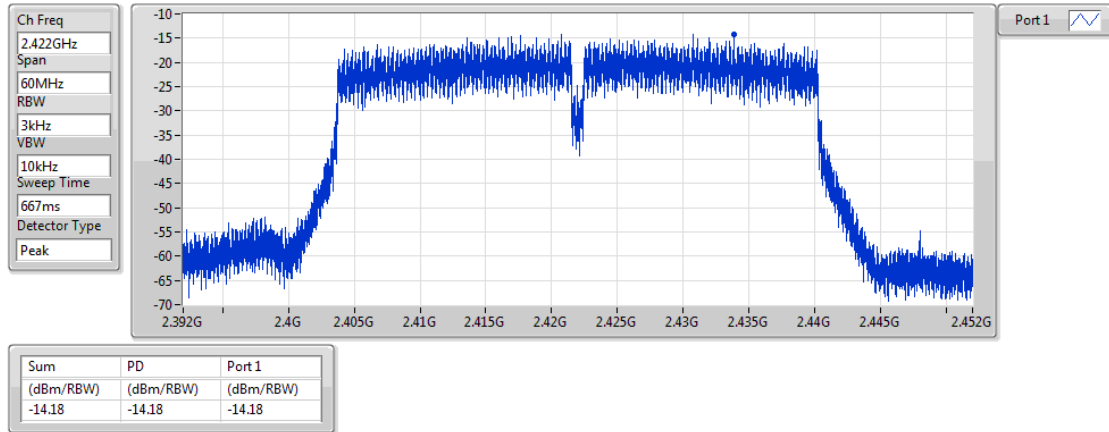
2462MHz



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

PSD

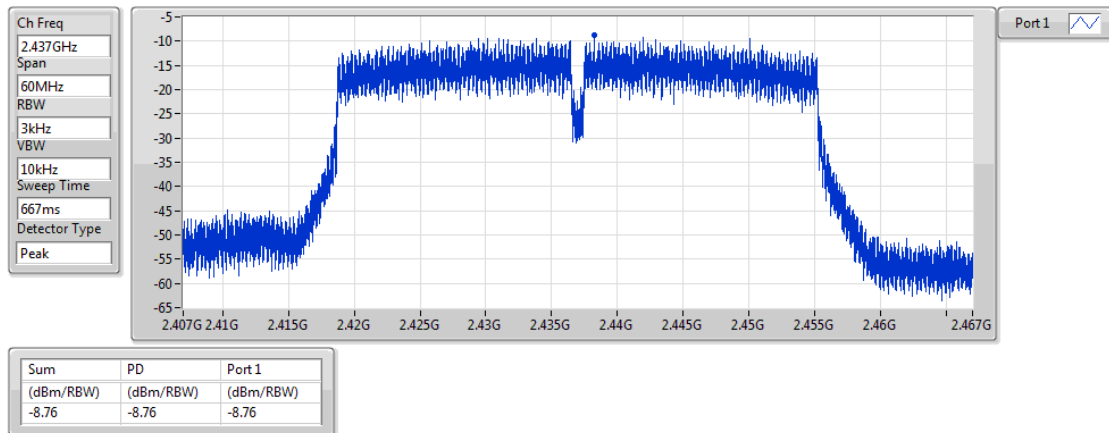
2422MHz



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

PSD

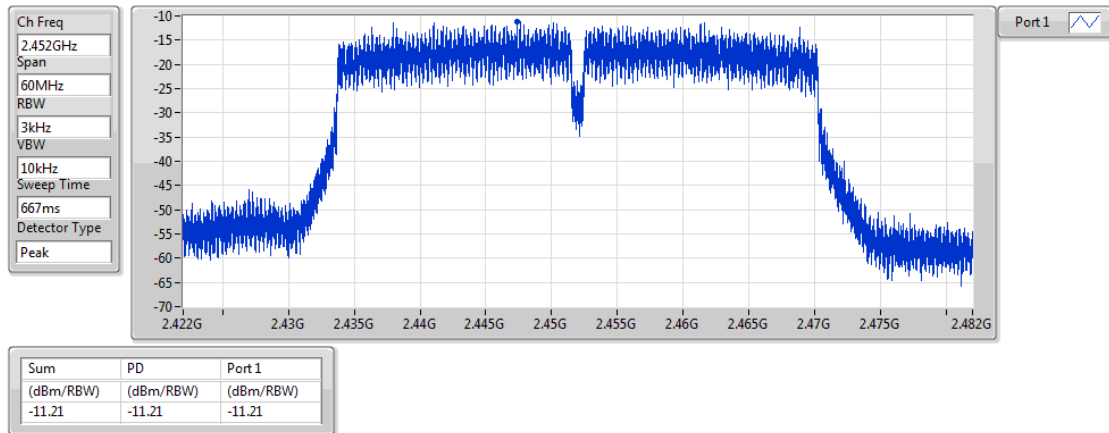
2437MHz



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

PSD

2452MHz



**For Set 4 antennas / 2TX:  
<For Non-Beamforming Mode>  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | 0.84            |
| 802.11g_(6Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | -3.10           |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -2.42           |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -6.96           |

RBW=3kHz.

**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) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 8.70        | -1.41               | -0.55               | 0.02            | 5.30                  |
| 2437MHz                        | Pass   | 8.70        | -2.68               | -1.98               | -0.71           | 5.30                  |
| 2462MHz                        | Pass   | 8.70        | -0.30               | -1.83               | 0.84            | 5.30                  |
| 802.11g_(6Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 8.70        | -11.50              | -10.57              | -9.84           | 5.30                  |
| 2437MHz                        | Pass   | 8.70        | -5.23               | -4.78               | -3.10           | 5.30                  |
| 2462MHz                        | Pass   | 8.70        | -10.99              | -10.81              | -8.86           | 5.30                  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 8.70        | -11.34              | -10.15              | -9.03           | 5.30                  |
| 2437MHz                        | Pass   | 8.70        | -4.49               | -4.37               | -2.42           | 5.30                  |
| 2462MHz                        | Pass   | 8.70        | -11.03              | -10.45              | -9.36           | 5.30                  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 8.70        | -16.81              | -16.24              | -14.73          | 5.30                  |
| 2437MHz                        | Pass   | 8.70        | -9.09               | -9.13               | -6.96           | 5.30                  |
| 2452MHz                        | Pass   | 8.70        | -15.31              | -14.08              | -12.97          | 5.30                  |

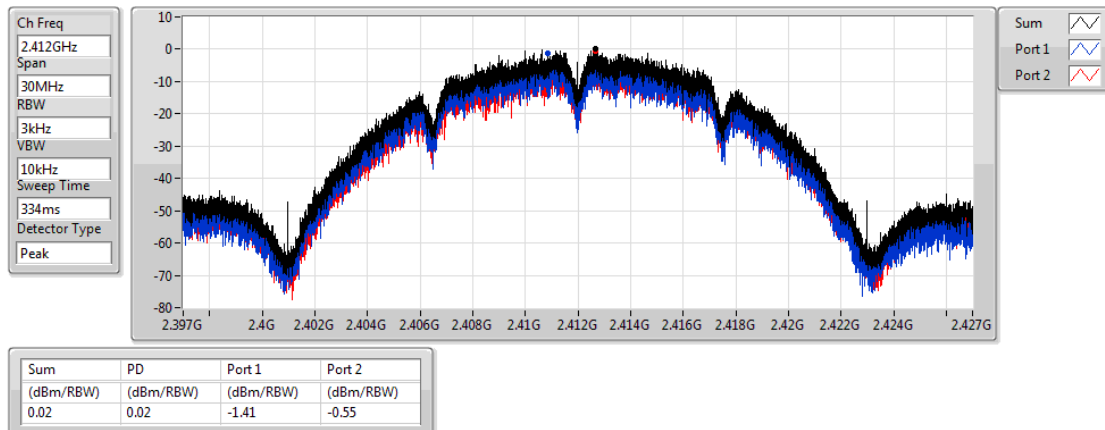
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_2TX

PSD

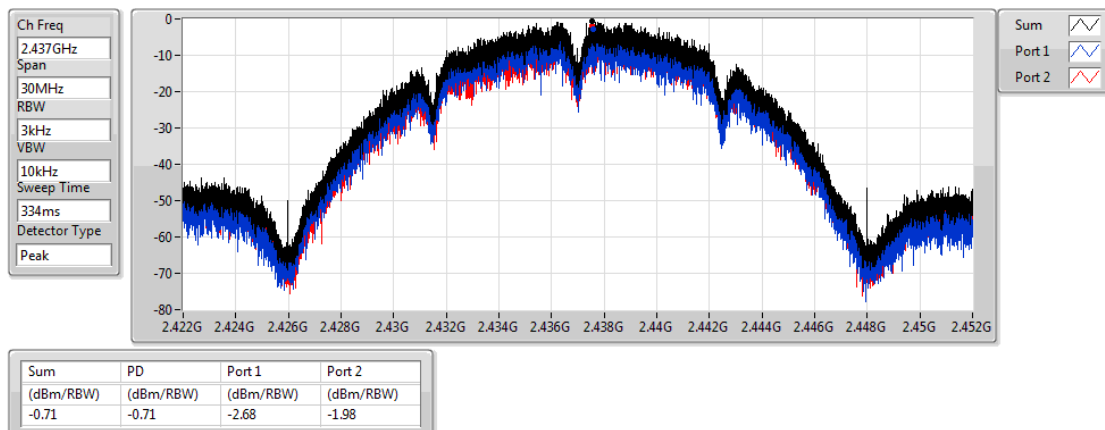
2412MHz



### 802.11b\_(1Mbps)\_2TX

PSD

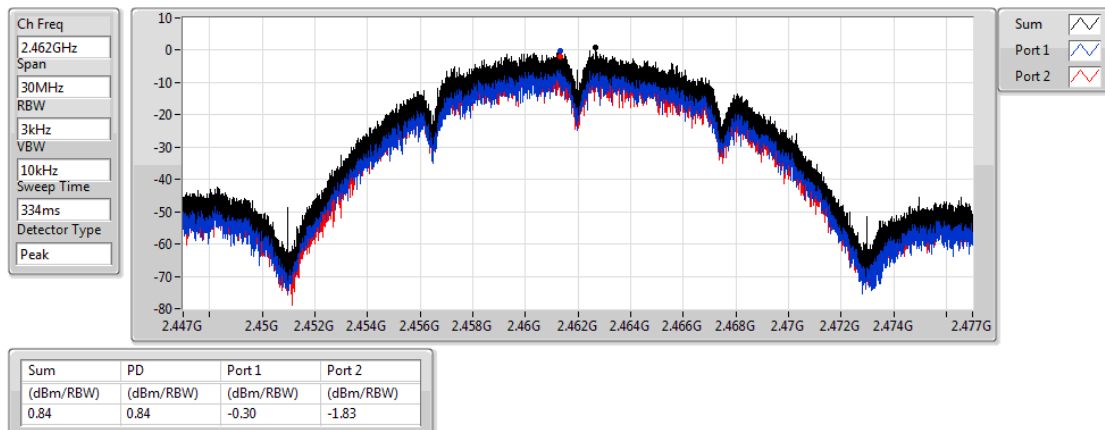
2437MHz



### 802.11b\_(1Mbps)\_2TX

PSD

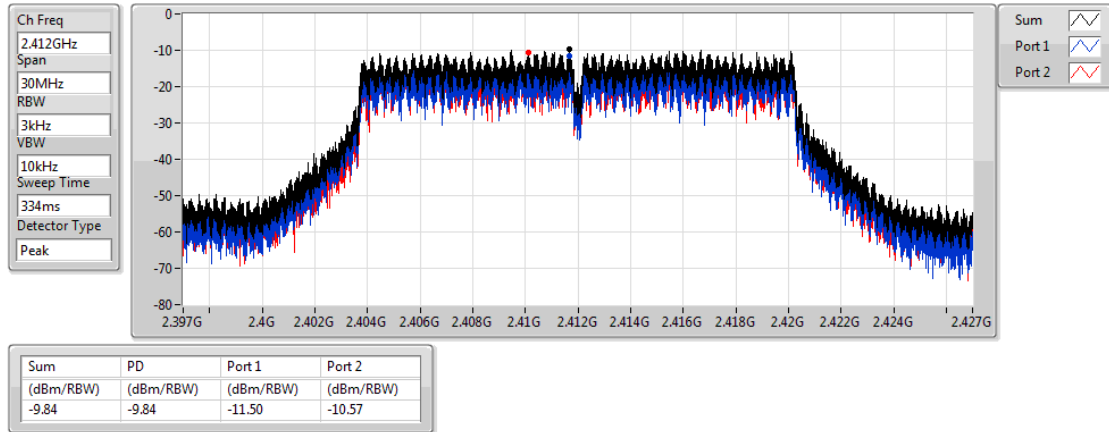
2462MHz



### 802.11g\_(6Mbps)\_2TX

PSD

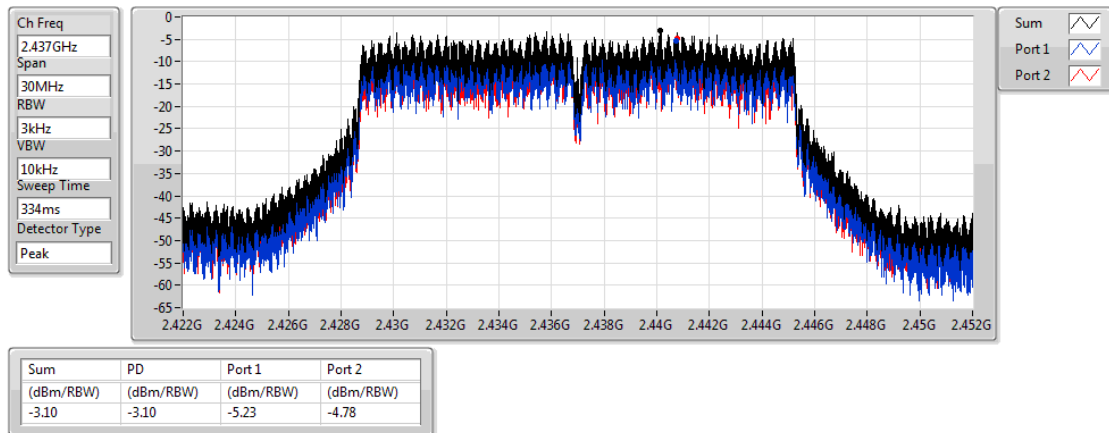
2412MHz



### 802.11g\_(6Mbps)\_2TX

PSD

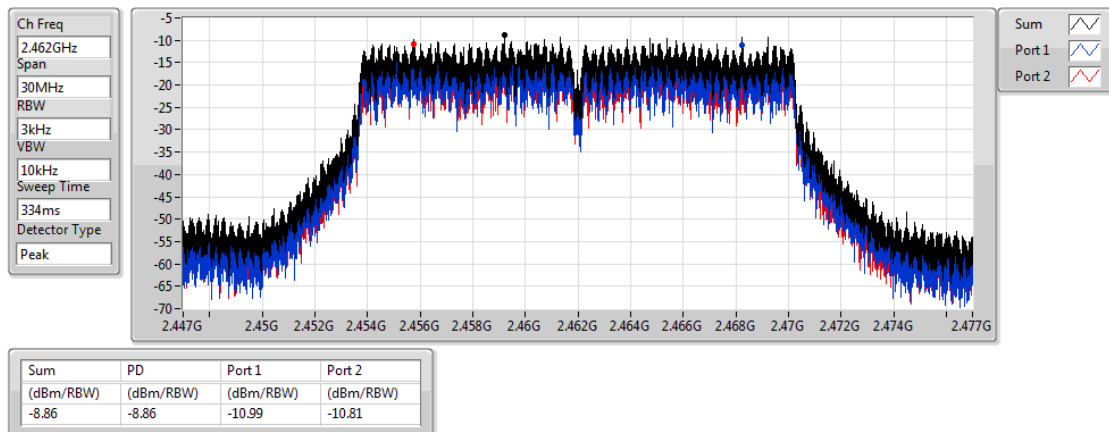
2437MHz



### 802.11g\_(6Mbps)\_2TX

PSD

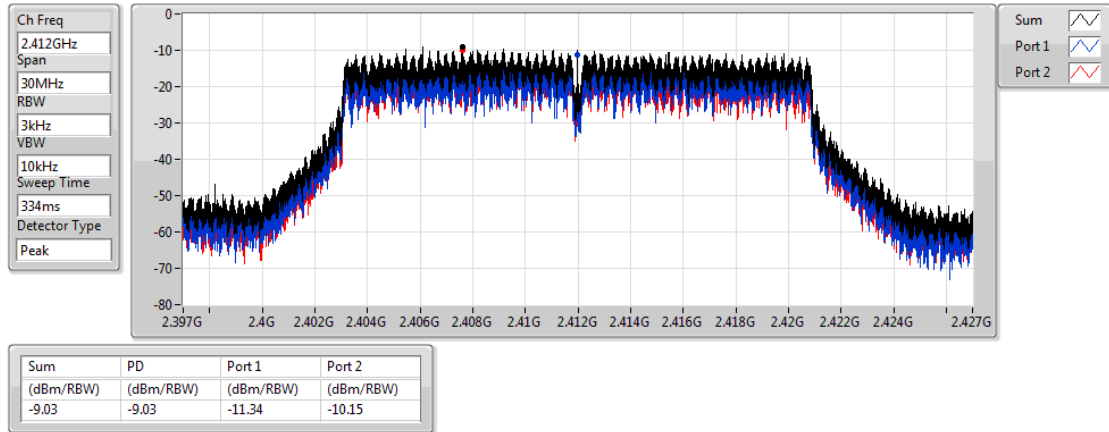
2462MHz



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

PSD

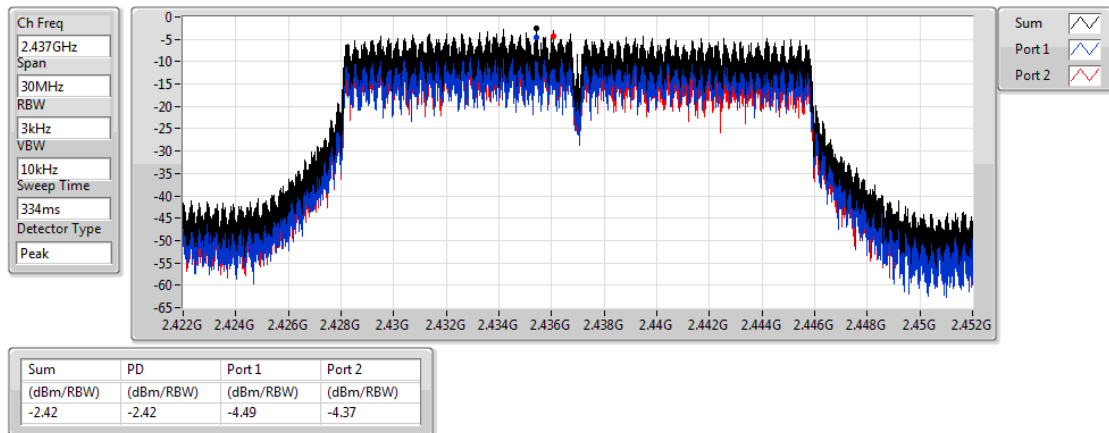
2412MHz



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

PSD

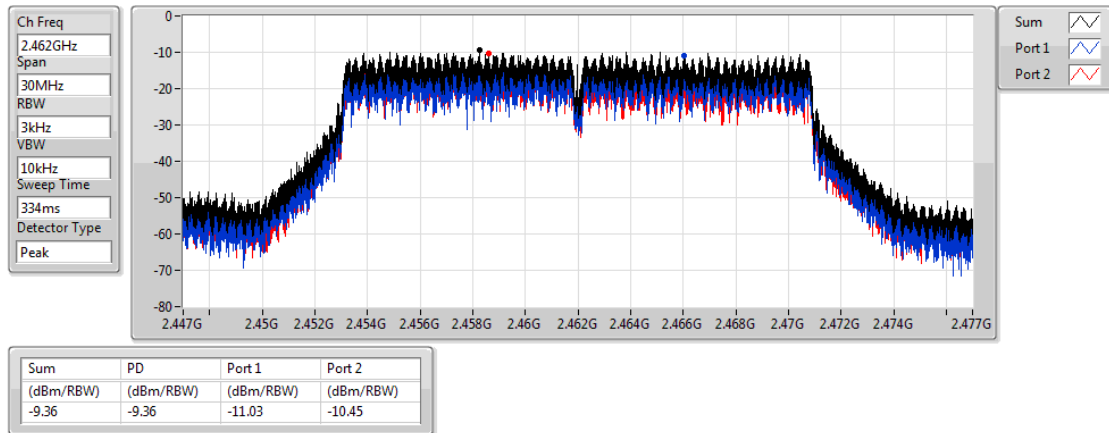
2437MHz



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

PSD

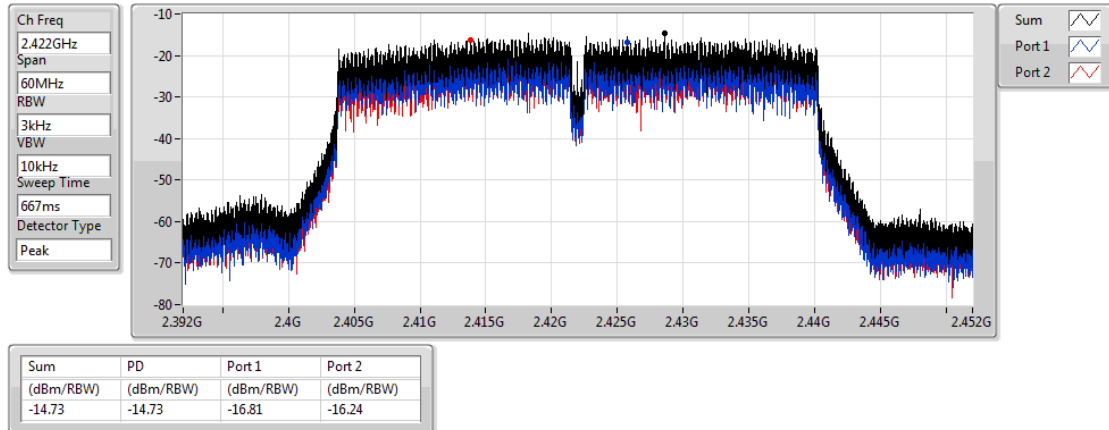
2462MHz



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

PSD

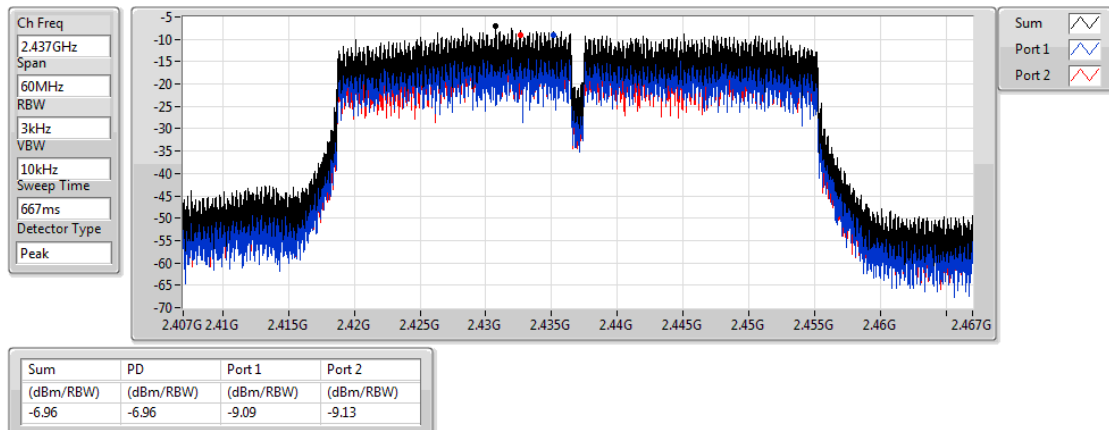
2422MHz



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

PSD

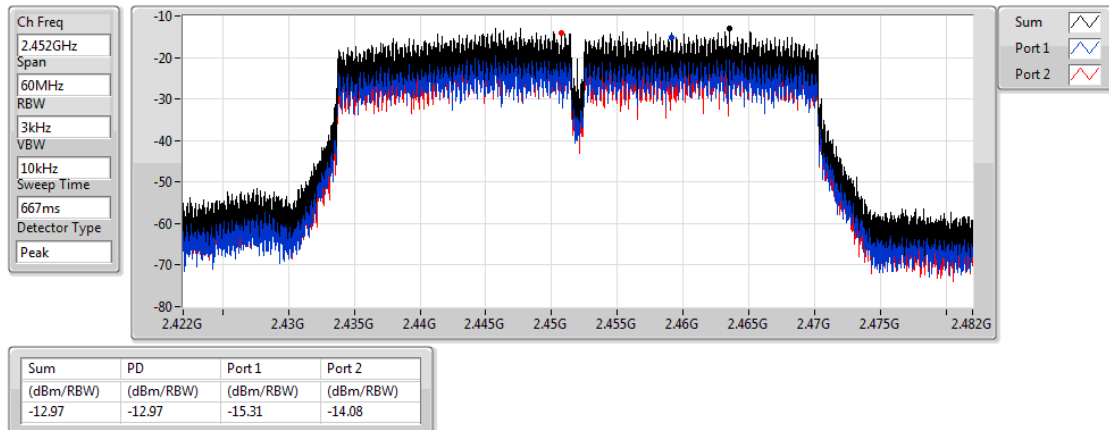
2437MHz



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

PSD

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -4.86           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -10.29          |

RBW=3kHz.

**Result**

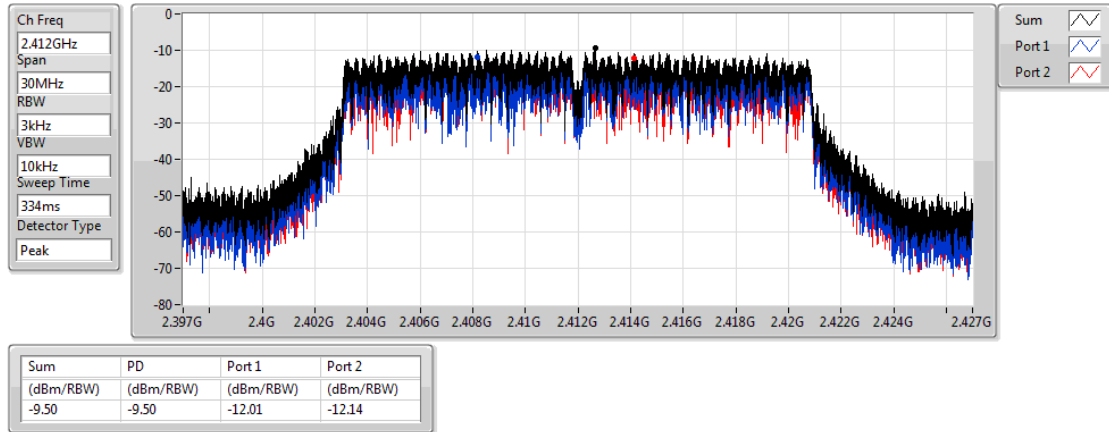
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 8.70        | -12.01              | -12.14              | -9.50           | 5.30                  |
| 2437MHz                           | Pass   | 8.70        | -6.83               | -6.68               | -4.86           | 5.30                  |
| 2462MHz                           | Pass   | 8.70        | -13.14              | -13.03              | -10.86          | 5.30                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 8.70        | -17.90              | -17.73              | -15.71          | 5.30                  |
| 2437MHz                           | Pass   | 8.70        | -13.42              | -12.05              | -10.29          | 5.30                  |
| 2452MHz                           | Pass   | 8.70        | -18.06              | -17.24              | -15.42          | 5.30                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

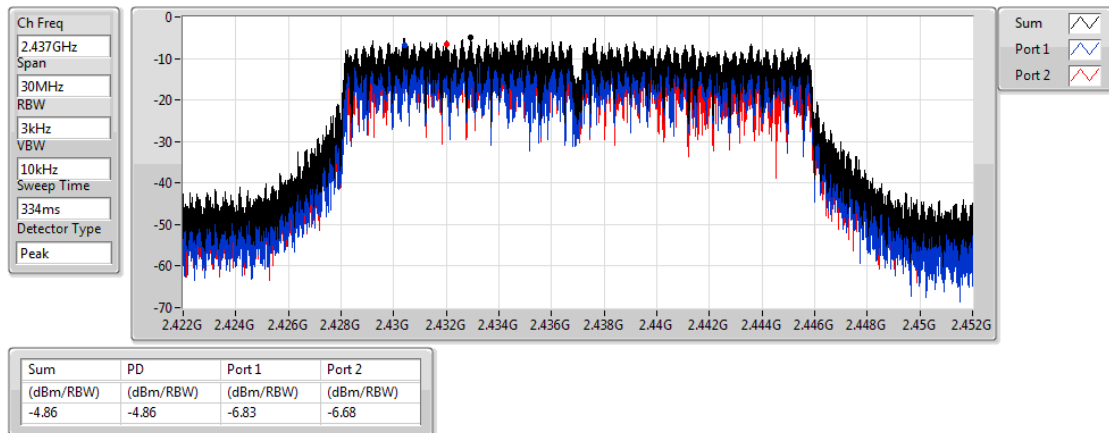
2412MHz



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

PSD

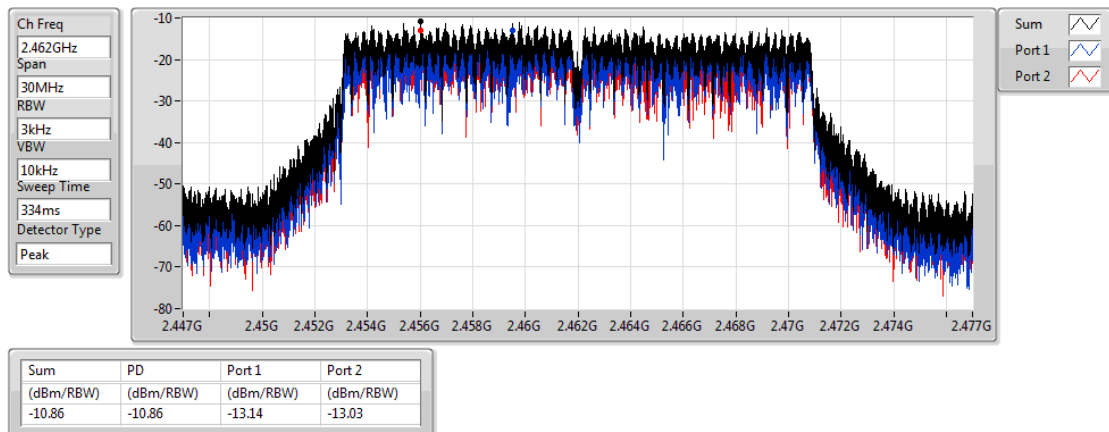
2437MHz



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

PSD

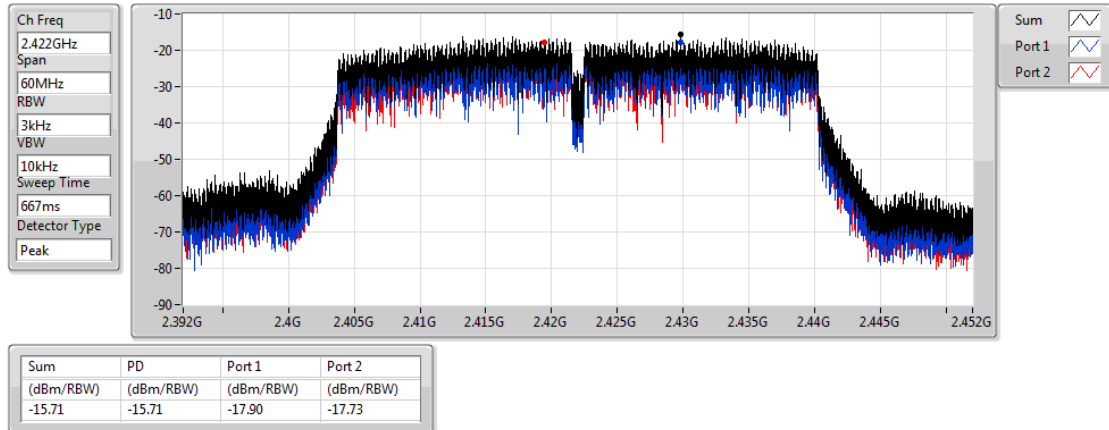
2462MHz



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

PSD

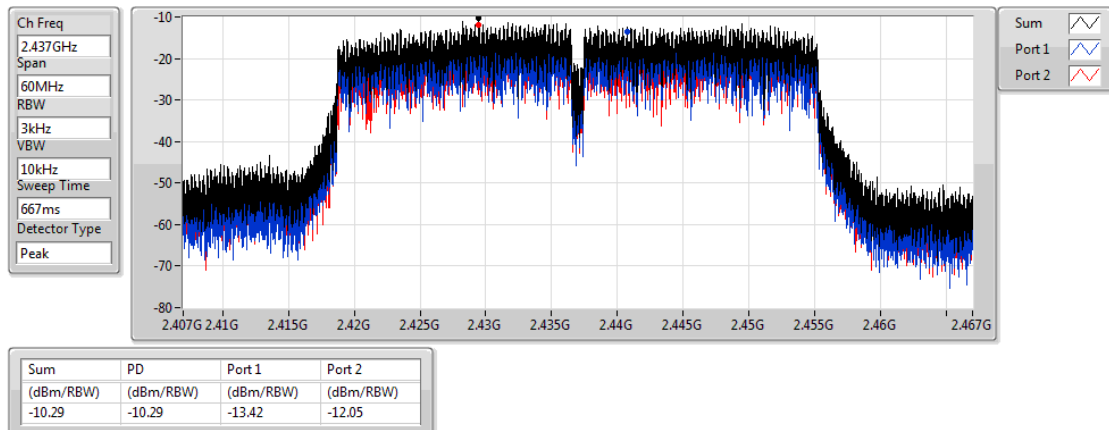
2422MHz



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

PSD

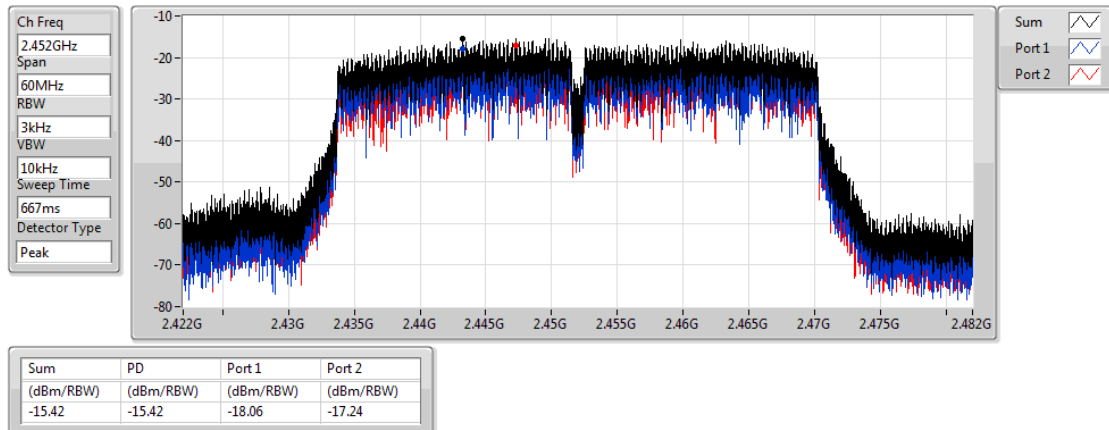
2437MHz



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

PSD

2452MHz



**For Set 4 antennas / 3TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | 1.73            |
| 802.11g_(6Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | -0.91           |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -2.31           |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -8.50           |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 9.80        | 0.66                | -0.22               | -1.30               | 1.47            | 4.20                  |
| 2437MHz                        | Pass   | 9.80        | -1.03               | -1.50               | 0.64                | 1.69            | 4.20                  |
| 2462MHz                        | Pass   | 9.80        | -2.08               | -1.36               | -0.85               | 1.73            | 4.20                  |
| 802.11g_(6Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 9.80        | -12.28              | -11.76              | -11.50              | -8.90           | 4.20                  |
| 2437MHz                        | Pass   | 9.80        | -4.95               | -4.79               | -5.22               | -0.91           | 4.20                  |
| 2462MHz                        | Pass   | 9.80        | -11.75              | -11.54              | -10.68              | -8.86           | 4.20                  |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 9.80        | -10.98              | -10.86              | -10.82              | -7.82           | 4.20                  |
| 2437MHz                        | Pass   | 9.80        | -5.34               | -4.02               | -5.60               | -2.31           | 4.20                  |
| 2462MHz                        | Pass   | 9.80        | -12.00              | -11.68              | -10.50              | -8.94           | 4.20                  |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 9.80        | -15.15              | -15.63              | -15.56              | -13.40          | 4.20                  |
| 2437MHz                        | Pass   | 9.80        | -11.63              | -10.85              | -10.87              | -8.50           | 4.20                  |
| 2452MHz                        | Pass   | 9.80        | -15.68              | -15.69              | -15.99              | -12.86          | 4.20                  |

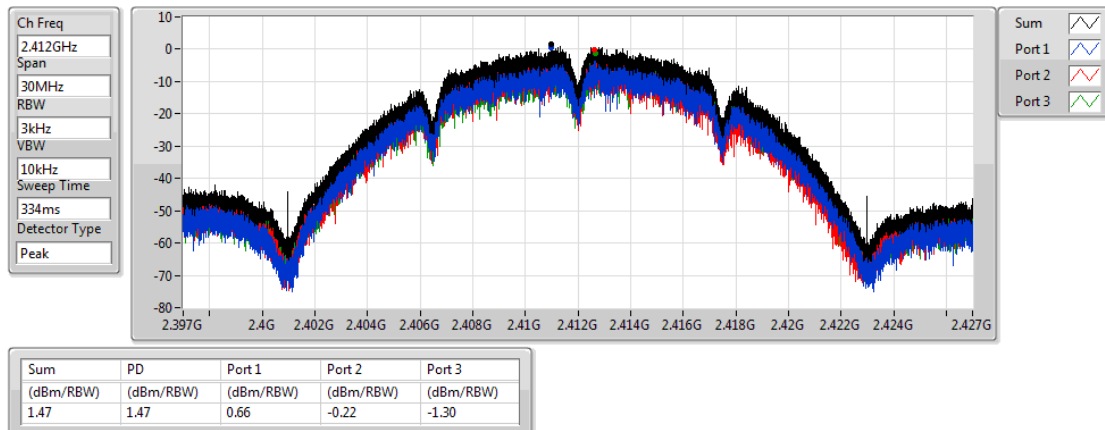
**DG** = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_3TX

PSD

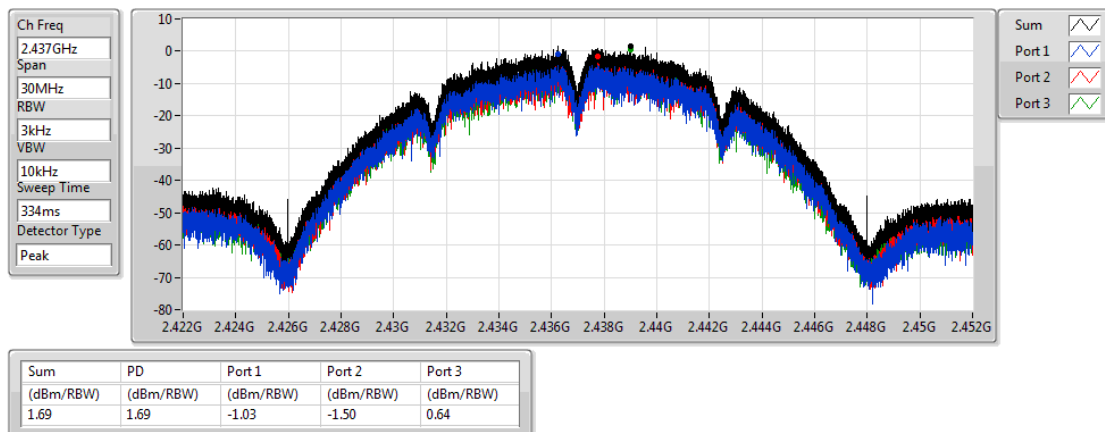
2412MHz



### 802.11b\_(1Mbps)\_3TX

PSD

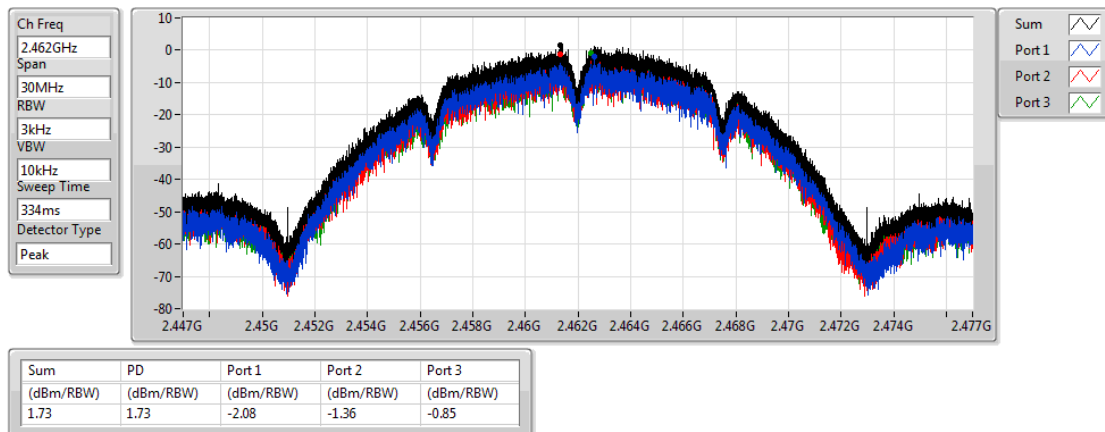
2437MHz



### 802.11b\_(1Mbps)\_3TX

PSD

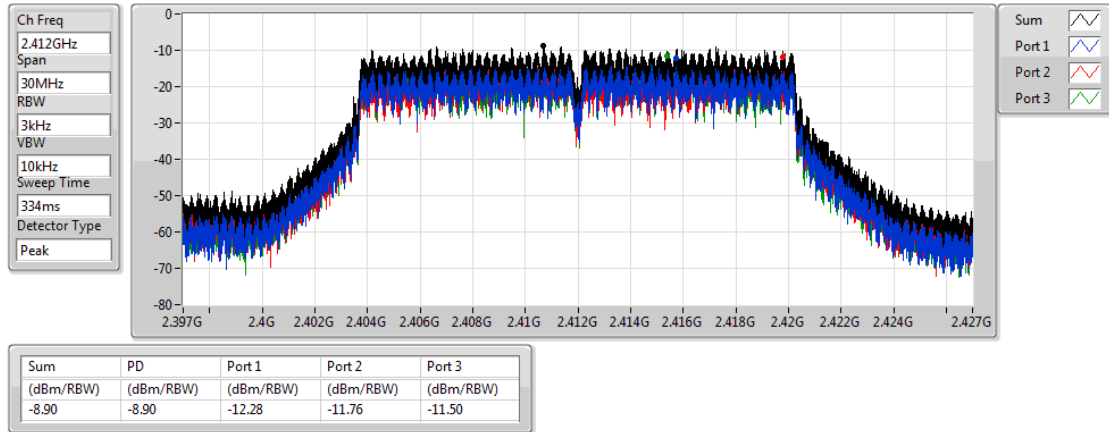
2462MHz



### 802.11g\_(6Mbps)\_3TX

PSD

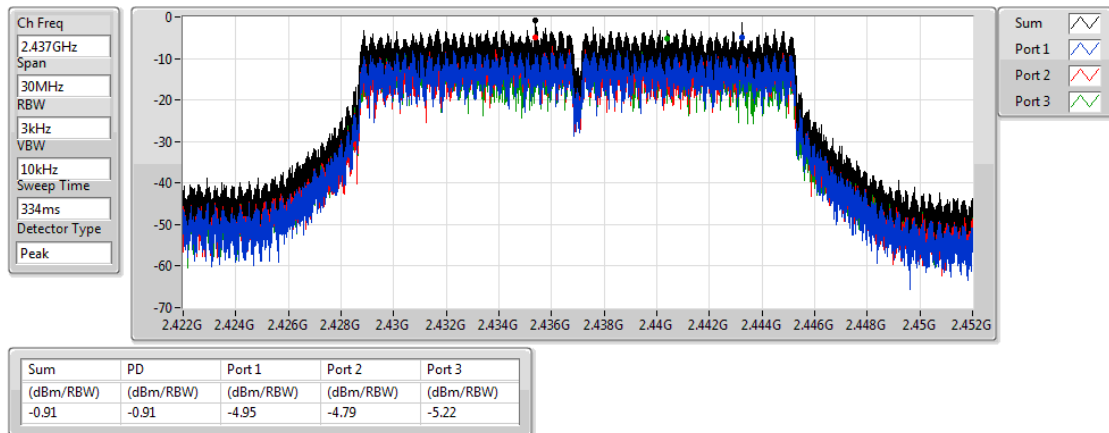
2412MHz



### 802.11g\_(6Mbps)\_3TX

PSD

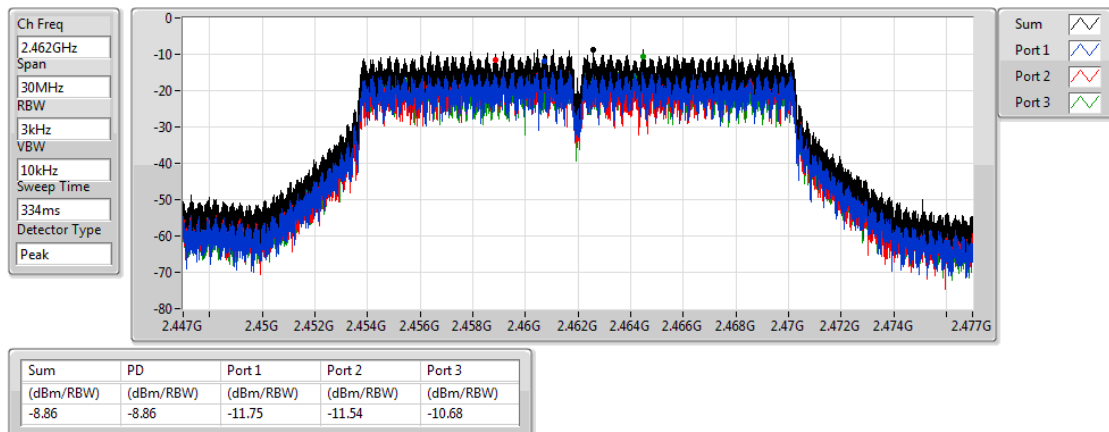
2437MHz



### 802.11g\_(6Mbps)\_3TX

PSD

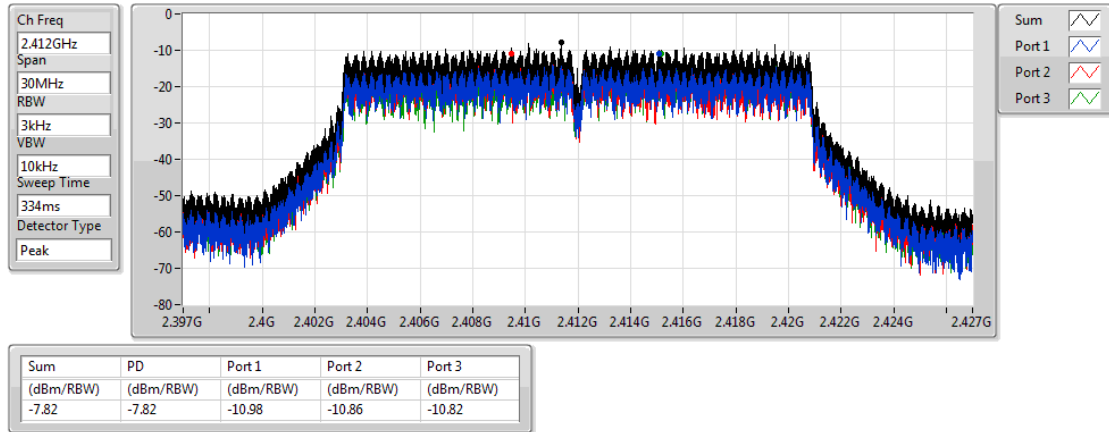
2462MHz



### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

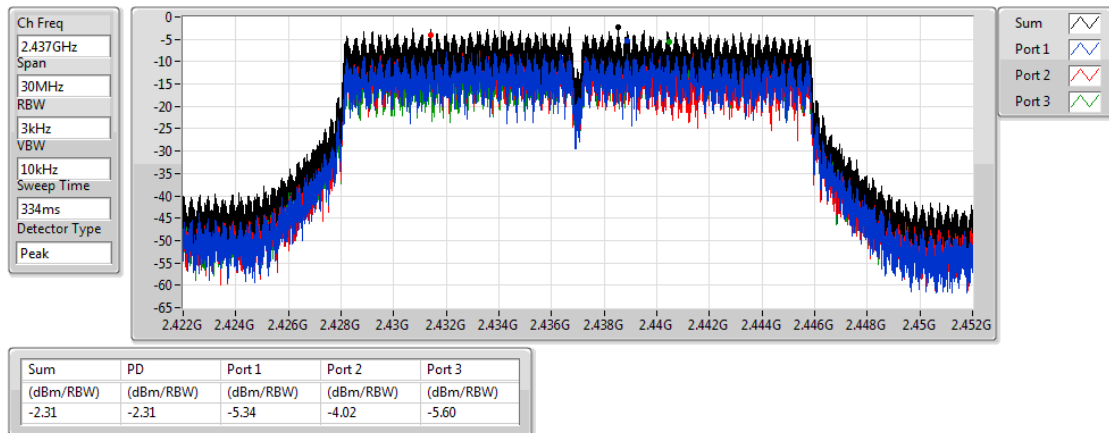
2412MHz



### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

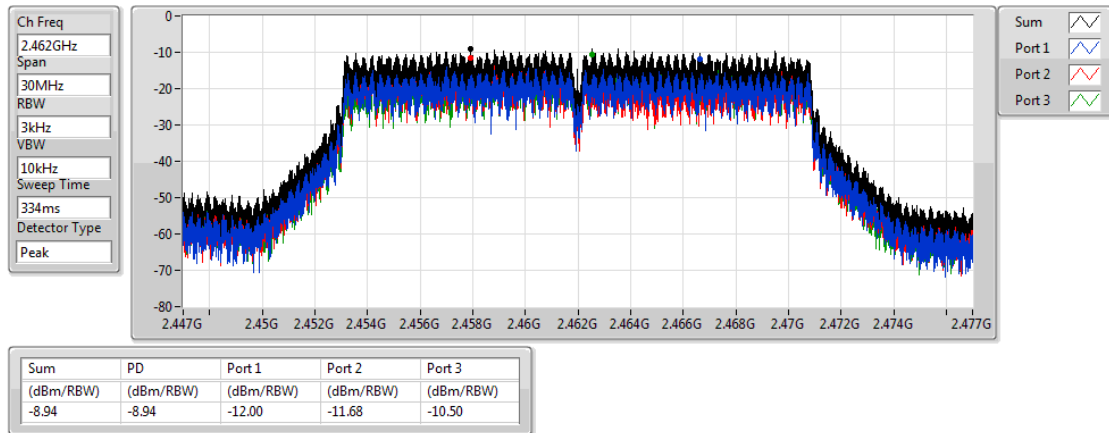
2437MHz

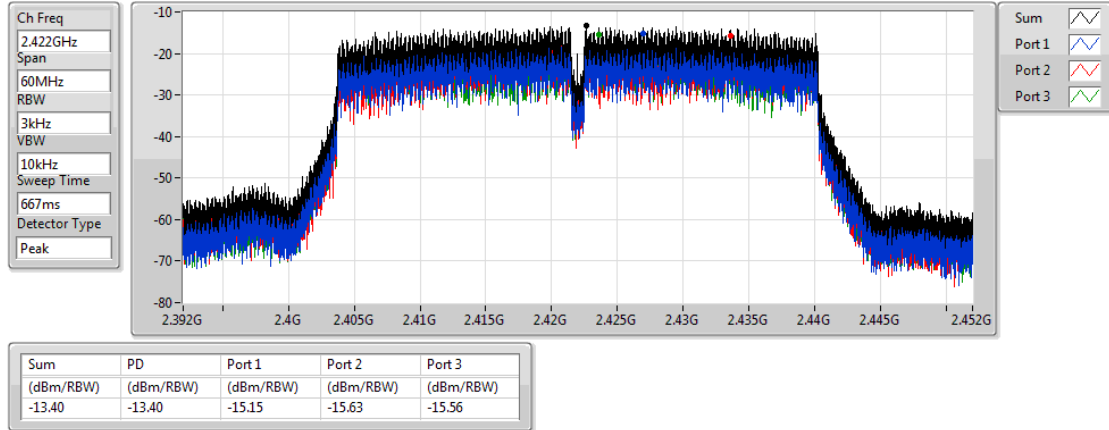
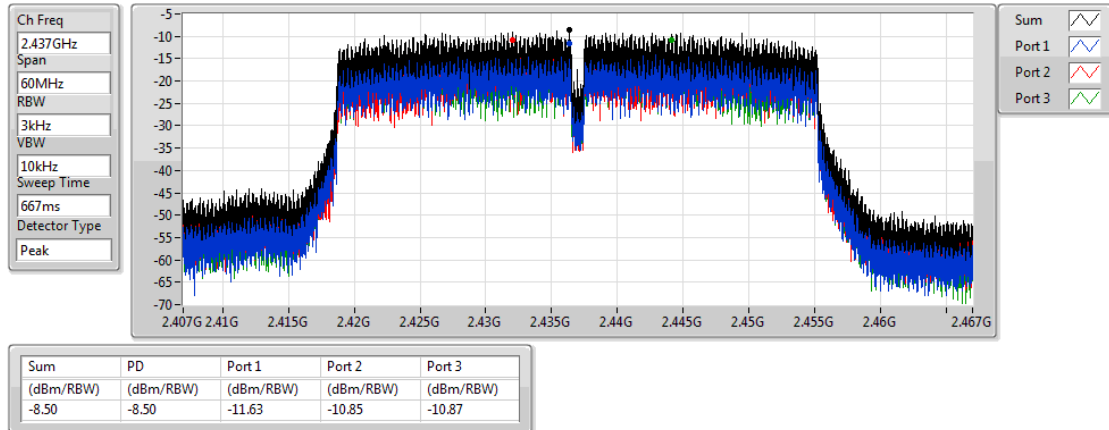
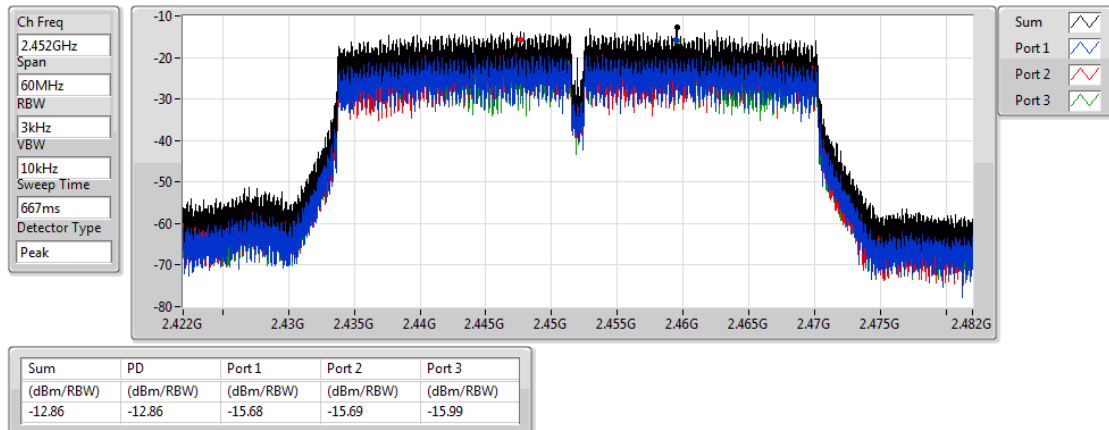


### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

2462MHz



**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**PSD**
**2422MHz**

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**PSD**
**2437MHz**

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**PSD**
**2452MHz**


**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -4.06           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -9.45           |

RBW=3kHz.

**Result**

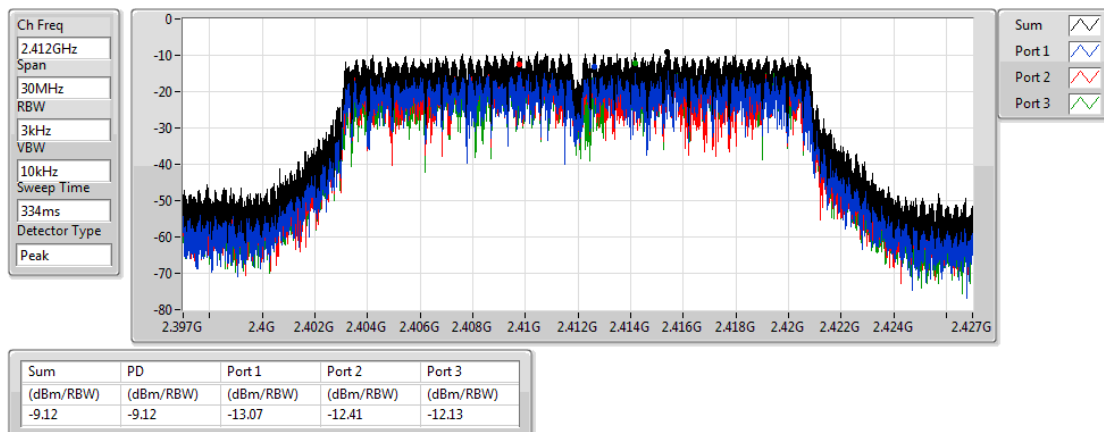
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 9.80        | -13.07              | -12.41              | -12.13              | -9.12           | 4.20                  |
| 2437MHz                           | Pass   | 9.80        | -7.39               | -7.30               | -7.30               | -4.06           | 4.20                  |
| 2462MHz                           | Pass   | 9.80        | -14.56              | -14.77              | -14.68              | -11.35          | 4.20                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 9.80        | -17.17              | -18.38              | -18.36              | -14.94          | 4.20                  |
| 2437MHz                           | Pass   | 9.80        | -13.10              | -12.09              | -12.74              | -9.45           | 4.20                  |
| 2452MHz                           | Pass   | 9.80        | -15.91              | -17.11              | -16.42              | -13.59          | 4.20                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

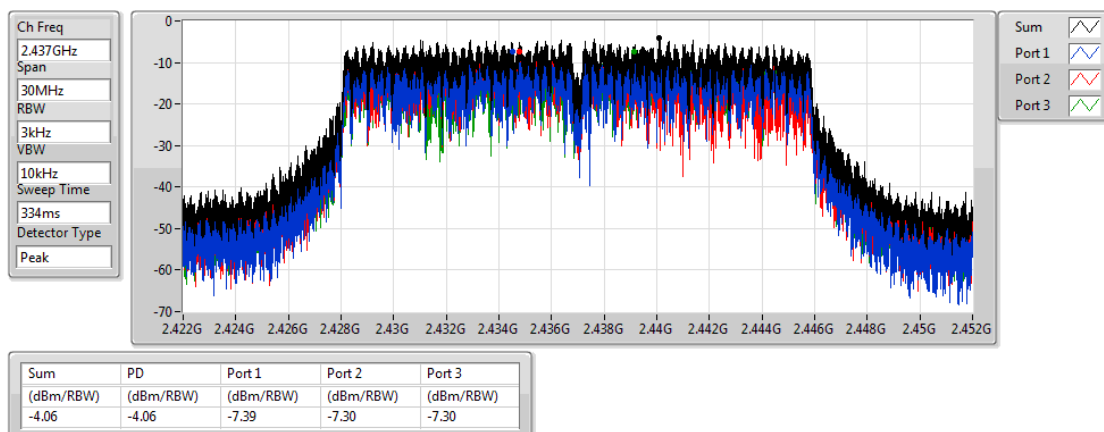
2412MHz



### 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

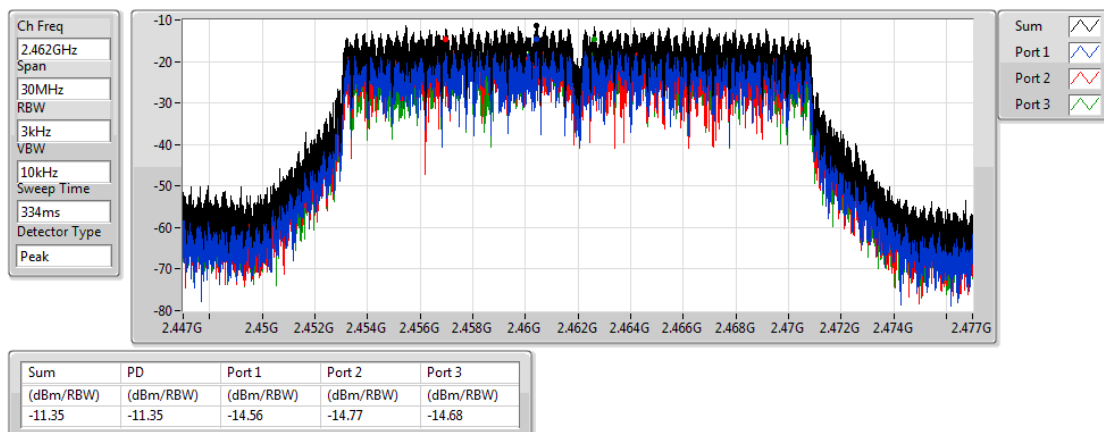
2437MHz



### 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

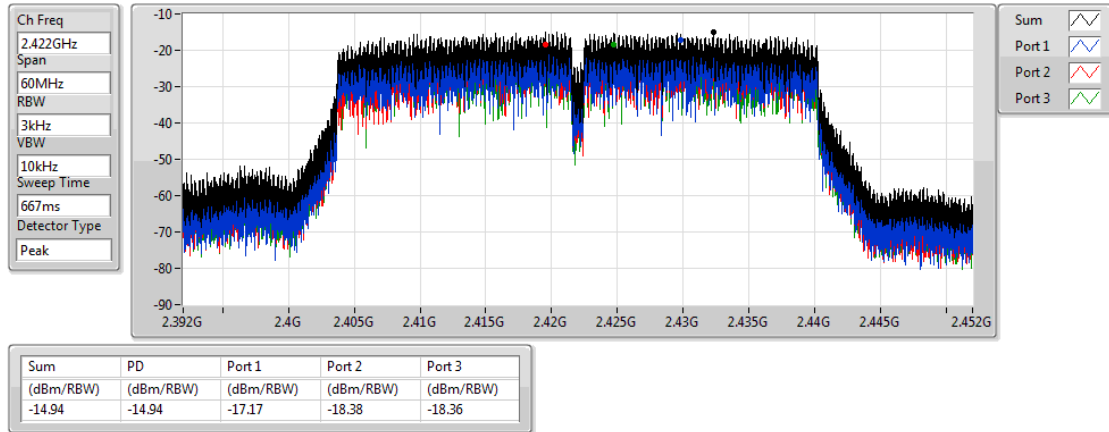
2462MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

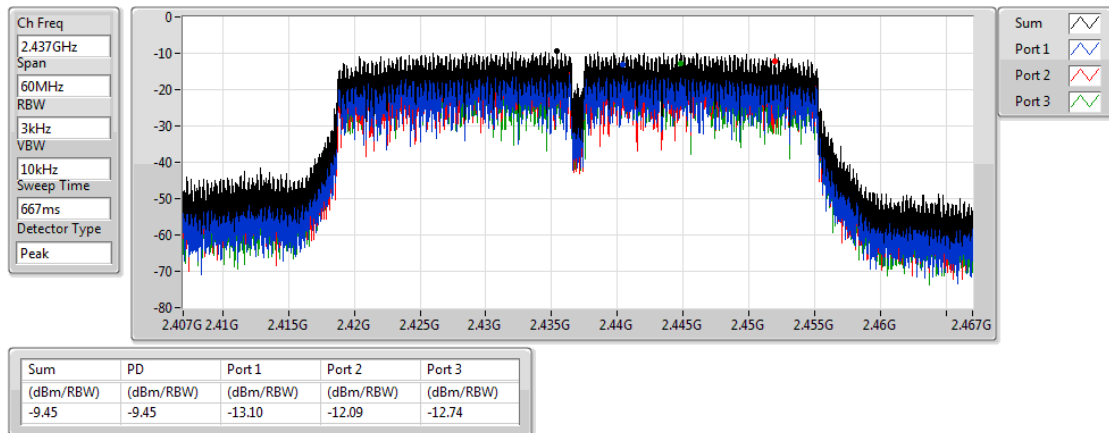
2422MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

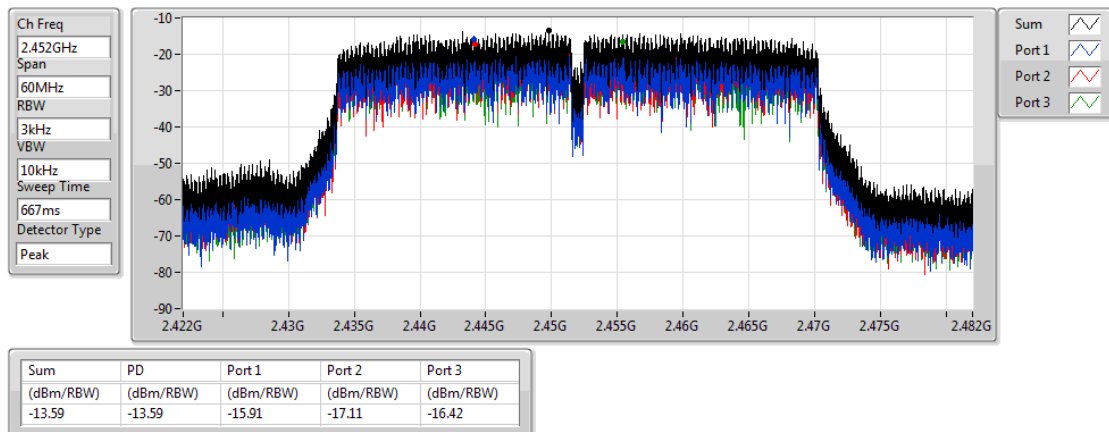
2437MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

2452MHz



**For Set 5 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -1.17           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -5.20           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -5.00           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -6.76           |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.30        | -1.63               | -1.63           | 8.00                  |
| 2437MHz                        | Pass   | 4.30        | -1.84               | -1.84           | 8.00                  |
| 2462MHz                        | Pass   | 4.30        | -1.17               | -1.17           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.30        | -6.02               | -6.02           | 8.00                  |
| 2437MHz                        | Pass   | 4.30        | -5.20               | -5.20           | 8.00                  |
| 2462MHz                        | Pass   | 4.30        | -6.65               | -6.65           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.30        | -7.27               | -7.27           | 8.00                  |
| 2437MHz                        | Pass   | 4.30        | -5.00               | -5.00           | 8.00                  |
| 2462MHz                        | Pass   | 4.30        | -6.56               | -6.56           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 4.30        | -10.67              | -10.67          | 8.00                  |
| 2437MHz                        | Pass   | 4.30        | -6.76               | -6.76           | 8.00                  |
| 2452MHz                        | Pass   | 4.30        | -7.56               | -7.56           | 8.00                  |

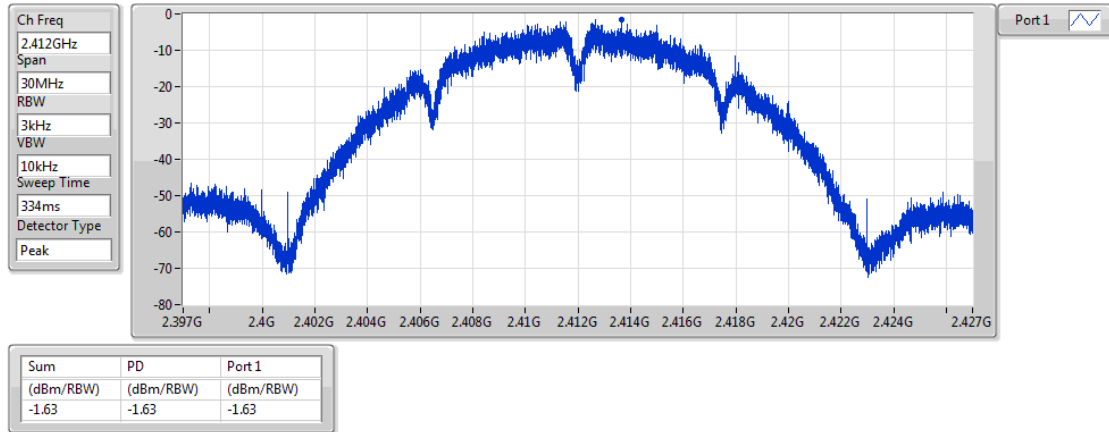
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_1TX

PSD

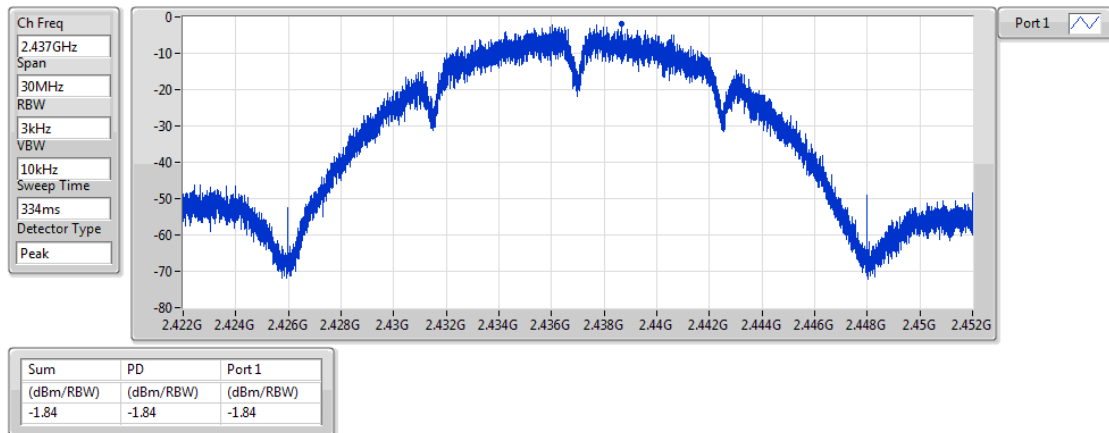
2412MHz



### 802.11b\_(1Mbps)\_1TX

PSD

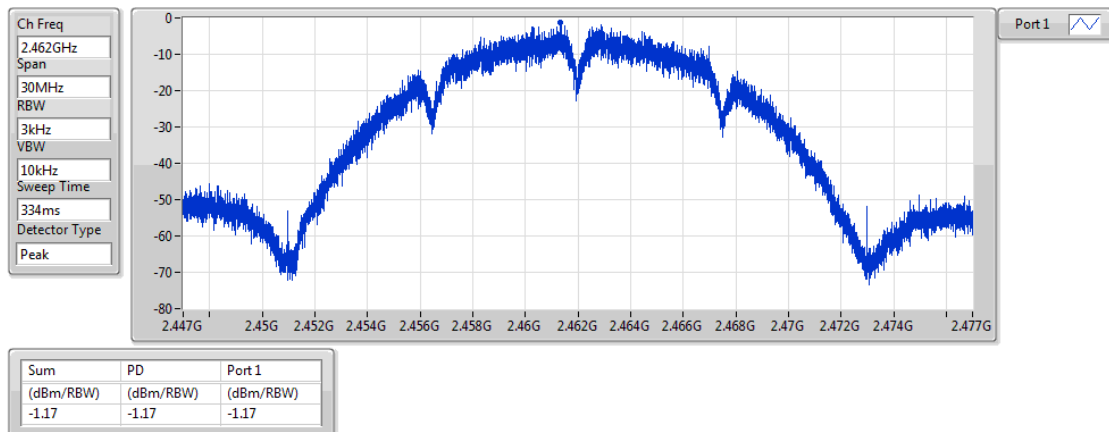
2437MHz



### 802.11b\_(1Mbps)\_1TX

PSD

2462MHz

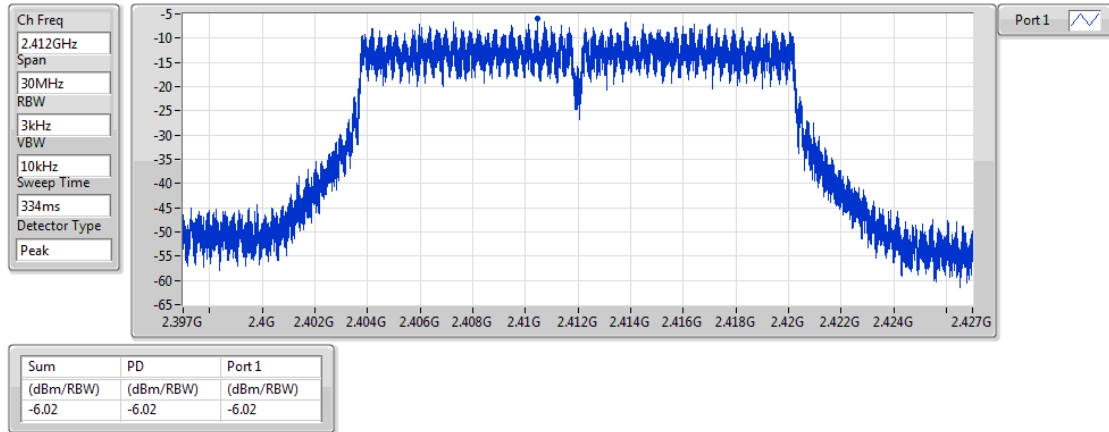




802.11g\_(6Mbps)\_1TX

PSD

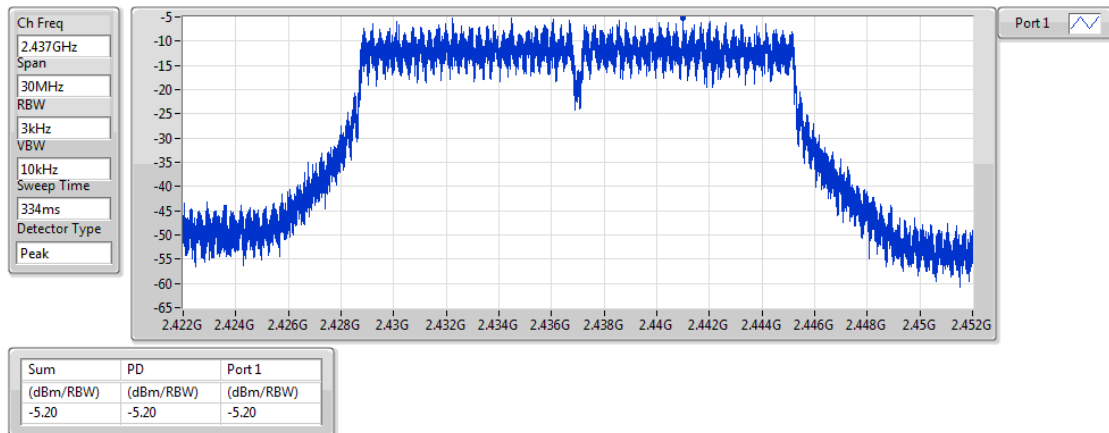
2412MHz



802.11g\_(6Mbps)\_1TX

PSD

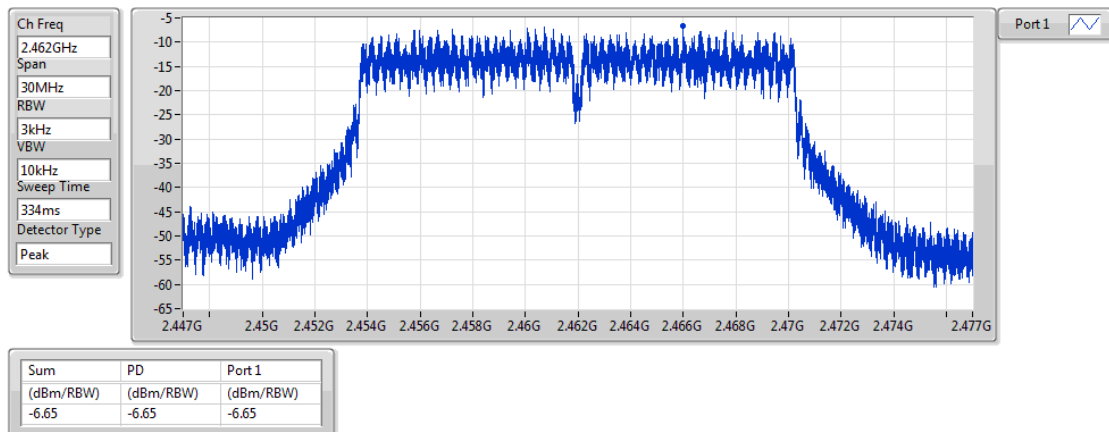
2437MHz



802.11g\_(6Mbps)\_1TX

PSD

2462MHz

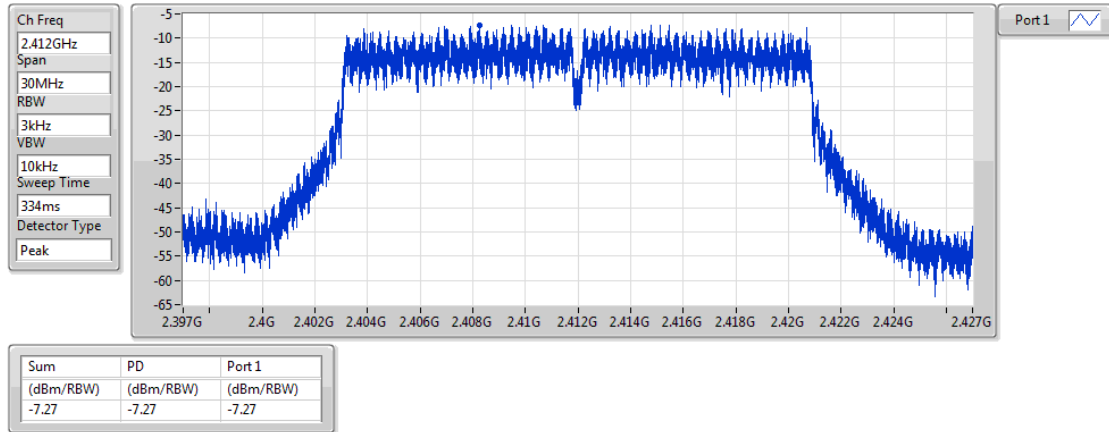




802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

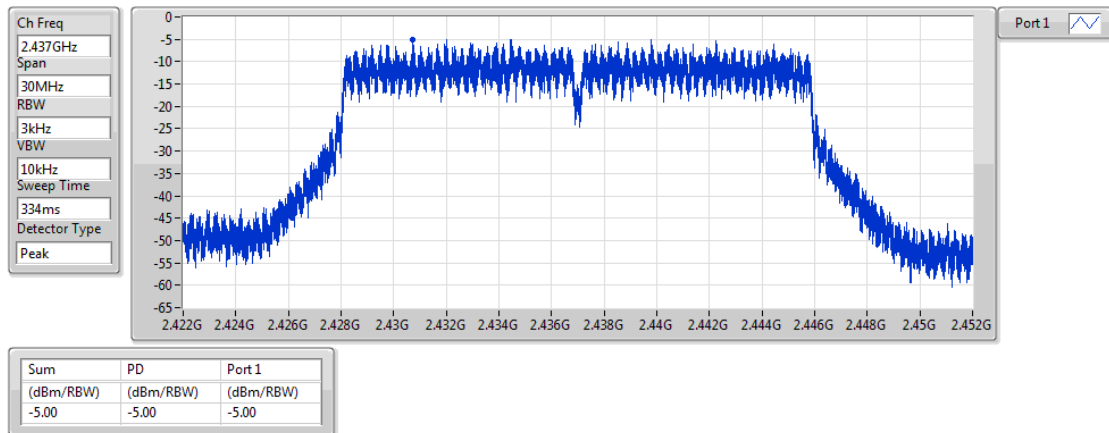
2412MHz



802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

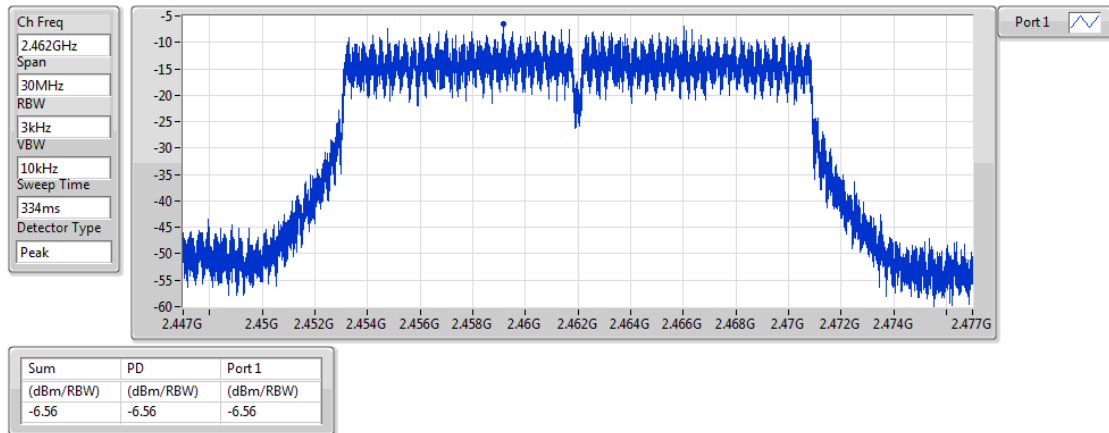
2437MHz



802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

2462MHz

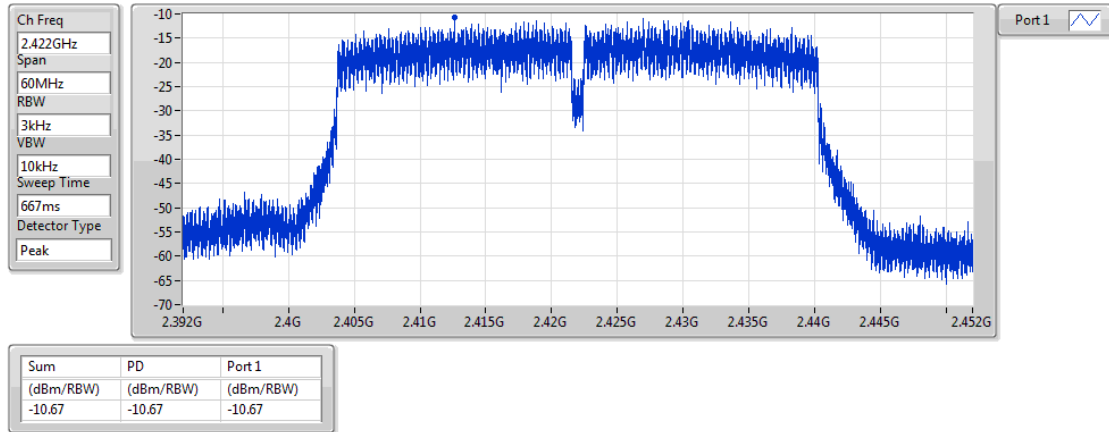




802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

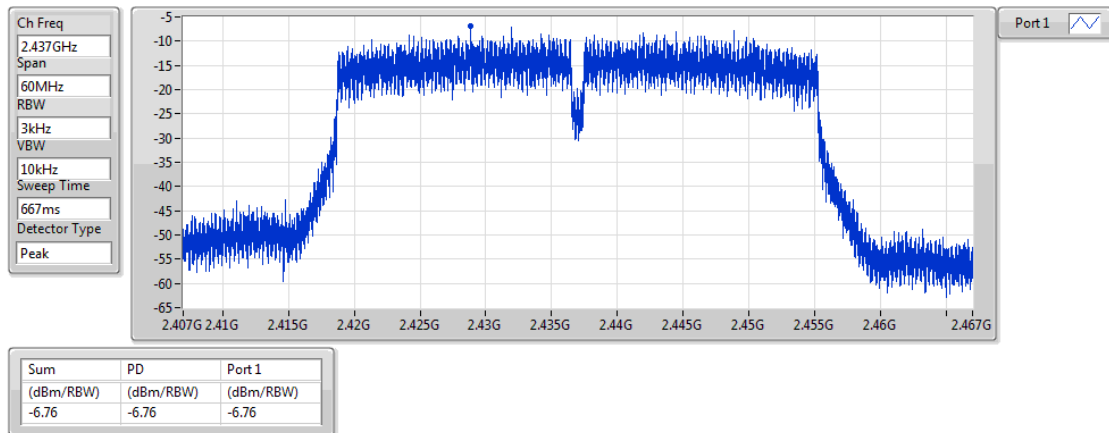
2422MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

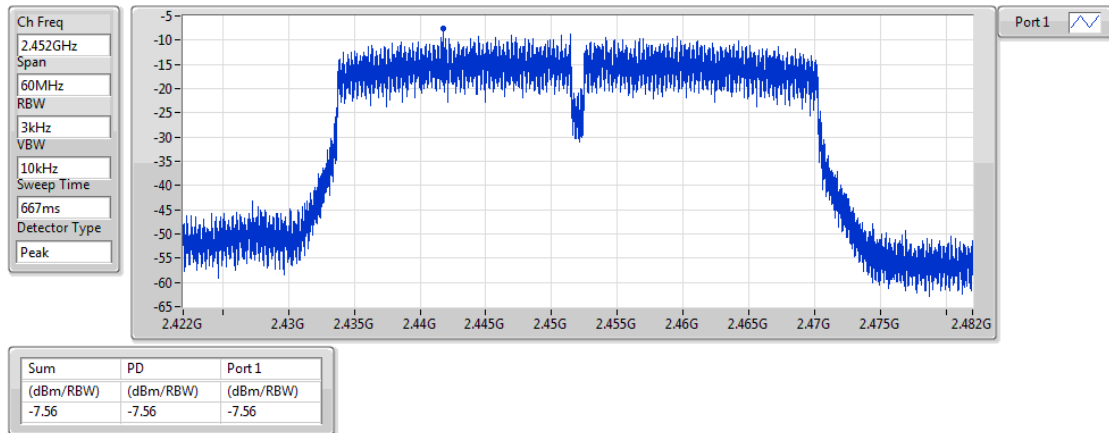
2437MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

2452MHz





**For Set 5 antennas / 2TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | 0.84            |
| 802.11g_(6Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | -3.10           |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -2.42           |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -9.33           |

RBW=3kHz.

**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) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.60        | -1.41               | -0.55               | 0.02            | 8.00                  |
| 2437MHz                        | Pass   | 3.60        | -2.68               | -1.98               | -0.71           | 8.00                  |
| 2462MHz                        | Pass   | 3.60        | -0.30               | -1.83               | 0.84            | 8.00                  |
| 802.11g_(6Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.60        | -10.30              | -10.67              | -8.67           | 8.00                  |
| 2437MHz                        | Pass   | 3.60        | -5.23               | -4.78               | -3.10           | 8.00                  |
| 2462MHz                        | Pass   | 3.60        | -9.79               | -9.16               | -7.78           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.60        | -9.89               | -10.54              | -9.18           | 8.00                  |
| 2437MHz                        | Pass   | 3.60        | -4.49               | -4.37               | -2.42           | 8.00                  |
| 2462MHz                        | Pass   | 3.60        | -9.65               | -8.92               | -6.58           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 3.60        | -13.98              | -14.50              | -12.31          | 8.00                  |
| 2437MHz                        | Pass   | 3.60        | -11.43              | -10.79              | -9.33           | 8.00                  |
| 2452MHz                        | Pass   | 3.60        | -11.87              | -12.12              | -9.85           | 8.00                  |

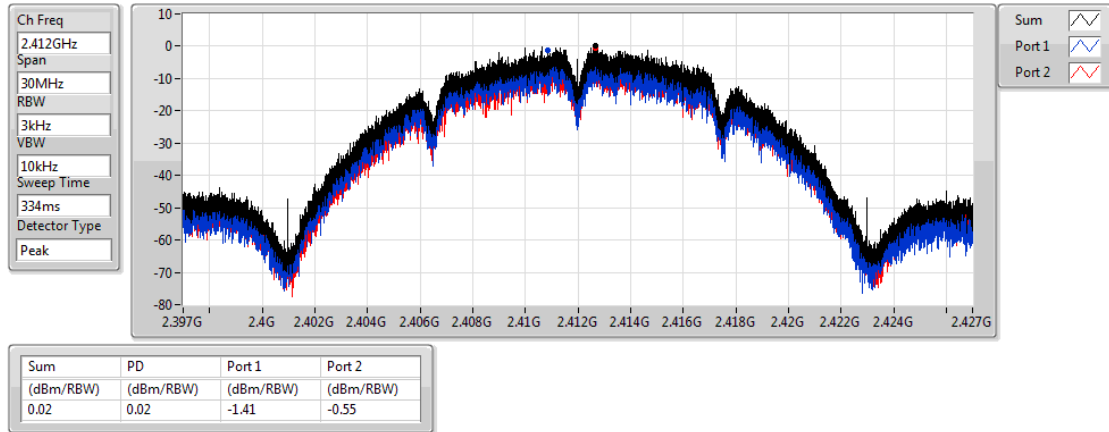
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_2TX

PSD

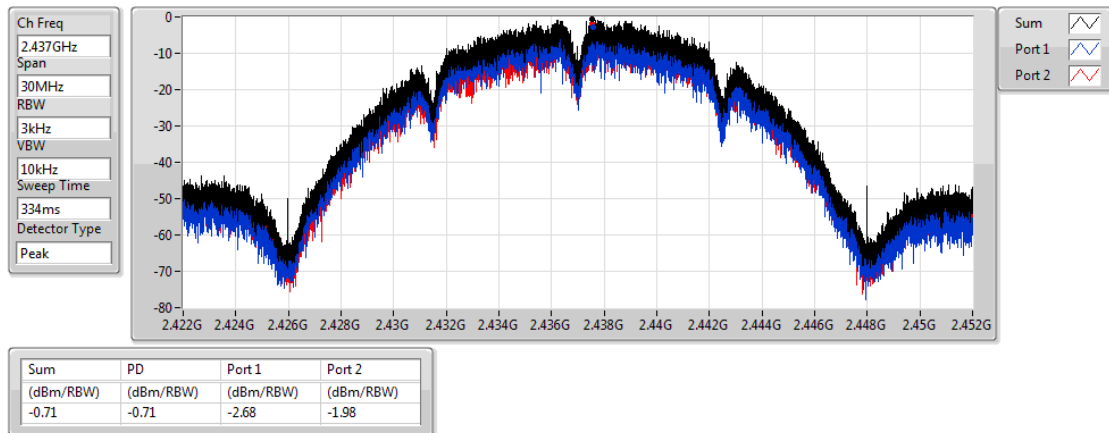
2412MHz



### 802.11b\_(1Mbps)\_2TX

PSD

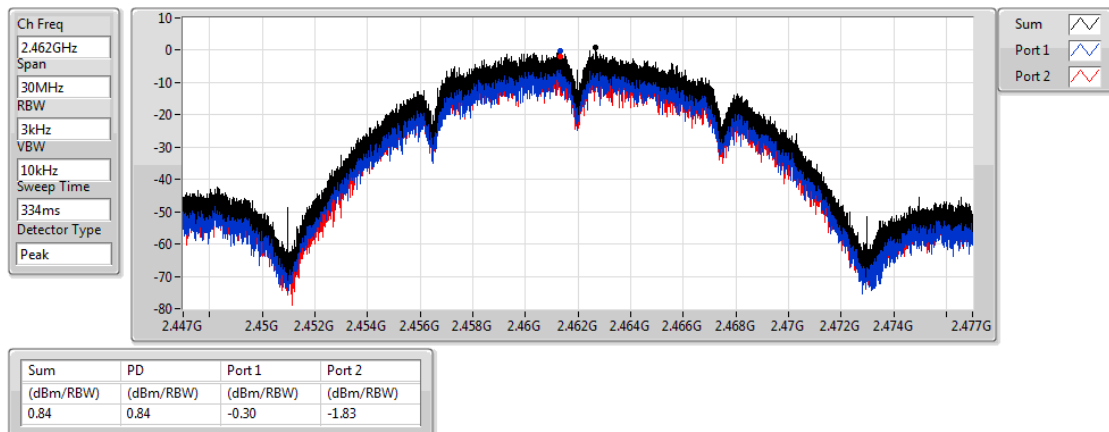
2437MHz

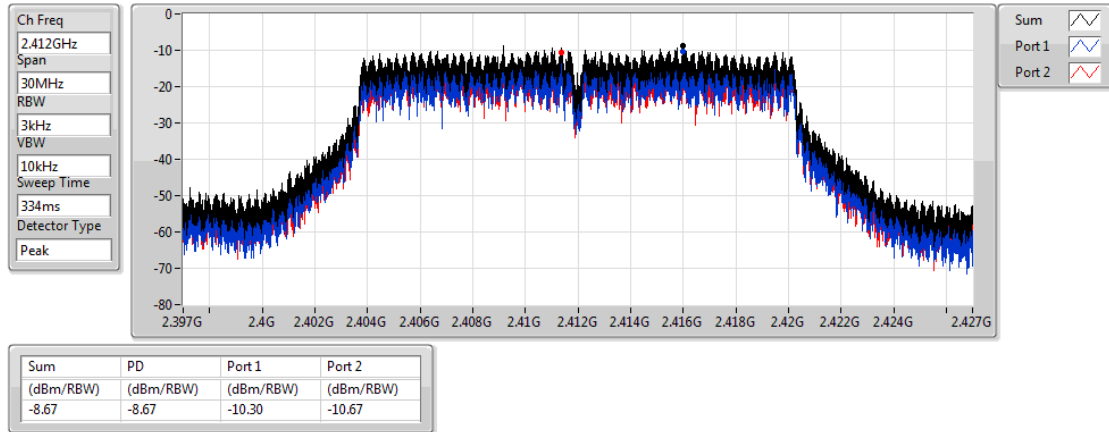
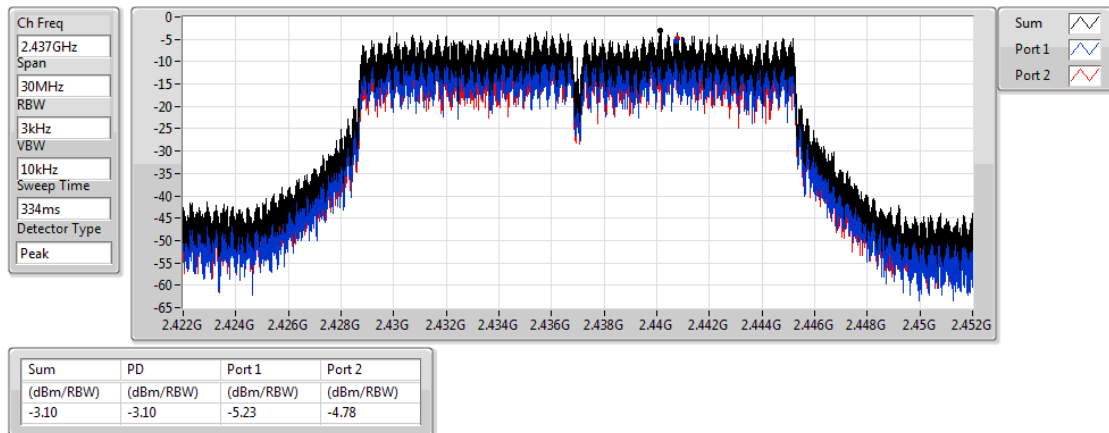
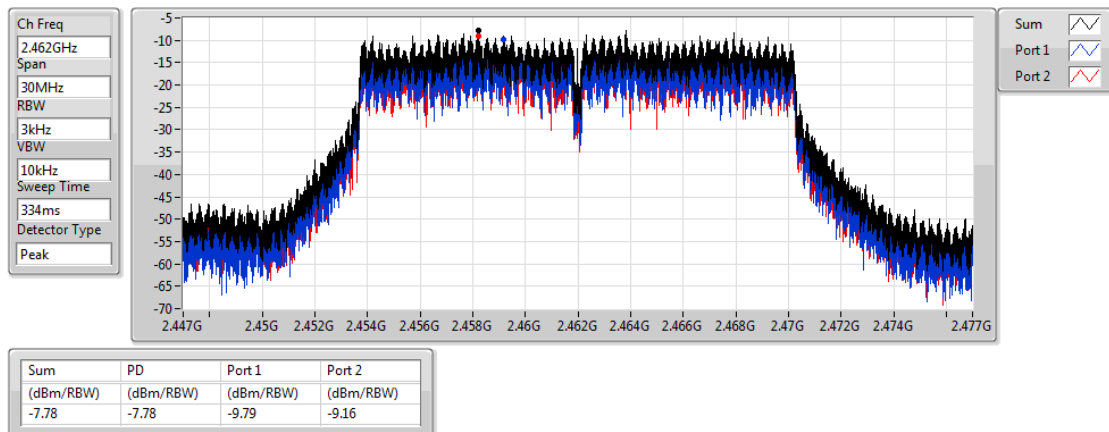


### 802.11b\_(1Mbps)\_2TX

PSD

2462MHz

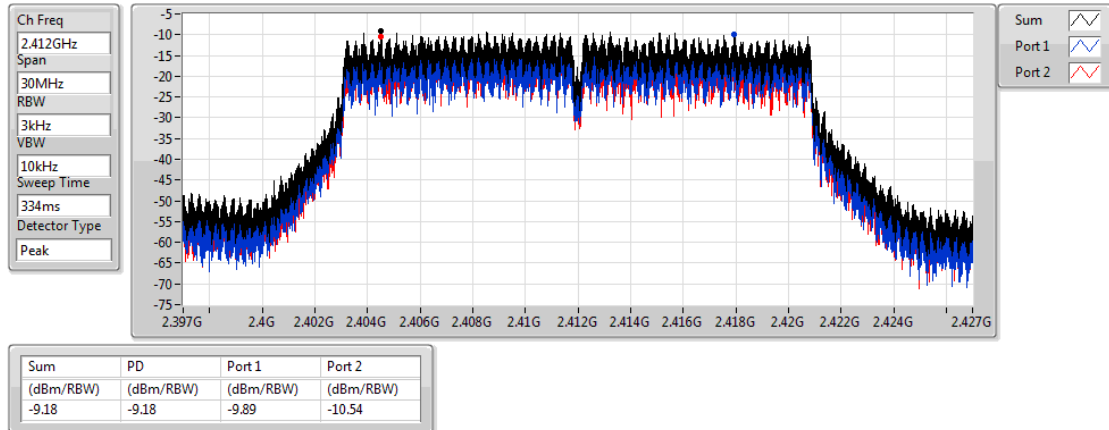


**802.11g\_(6Mbps)\_2TX**
**PSD**
**2412MHz**

**802.11g\_(6Mbps)\_2TX**
**PSD**
**2437MHz**

**802.11g\_(6Mbps)\_2TX**
**PSD**
**2462MHz**


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

PSD

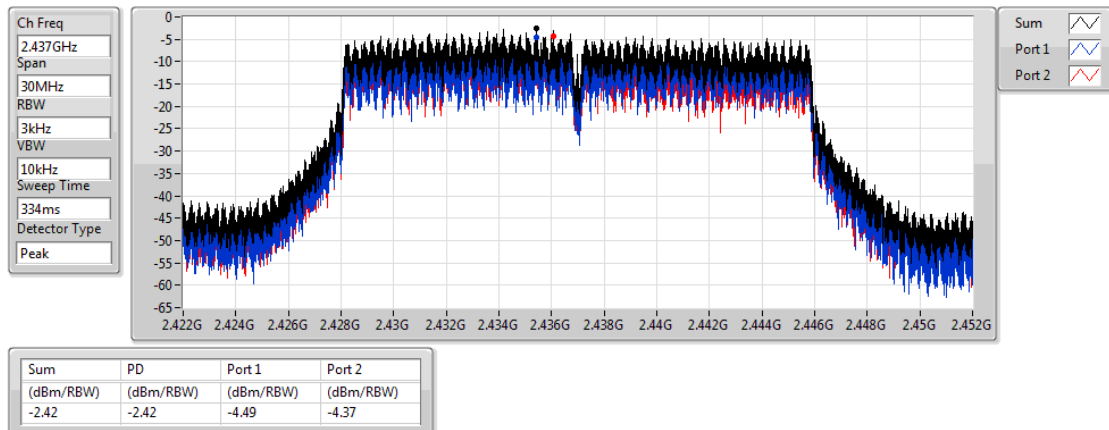
2412MHz



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

PSD

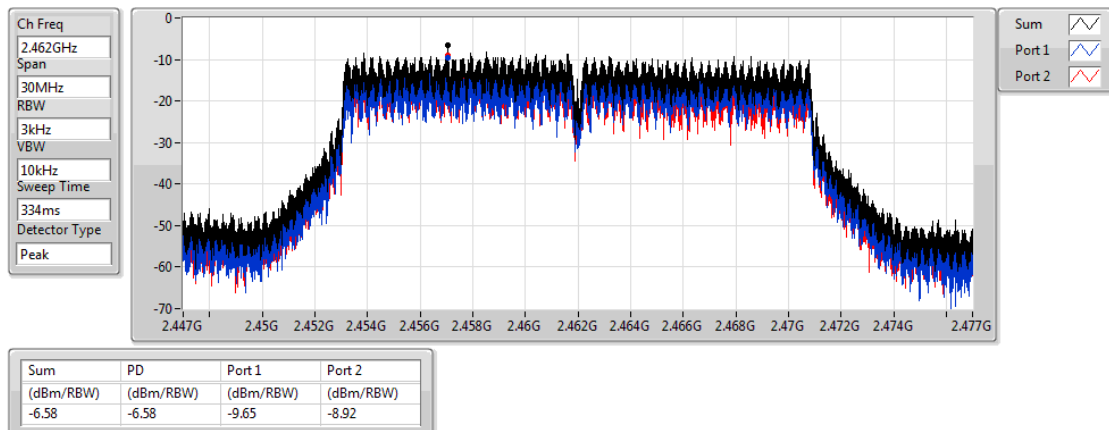
2437MHz



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

PSD

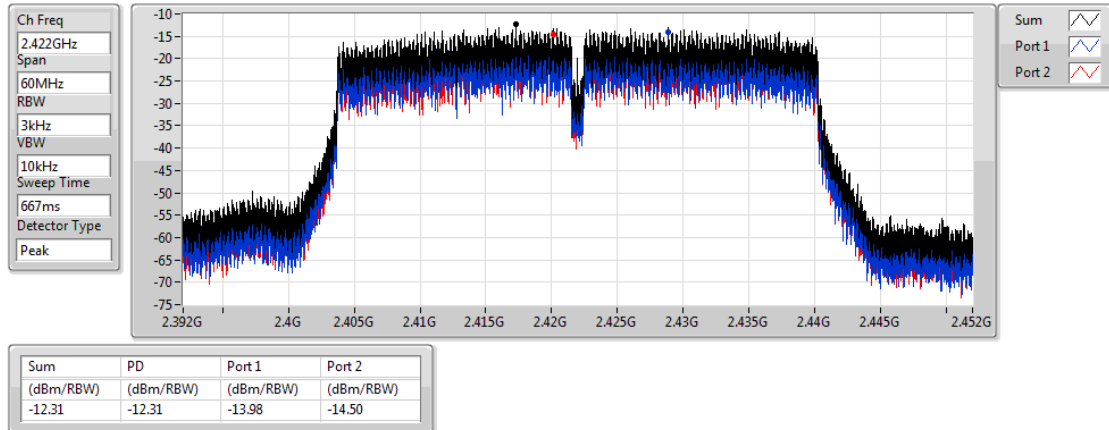
2462MHz



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

PSD

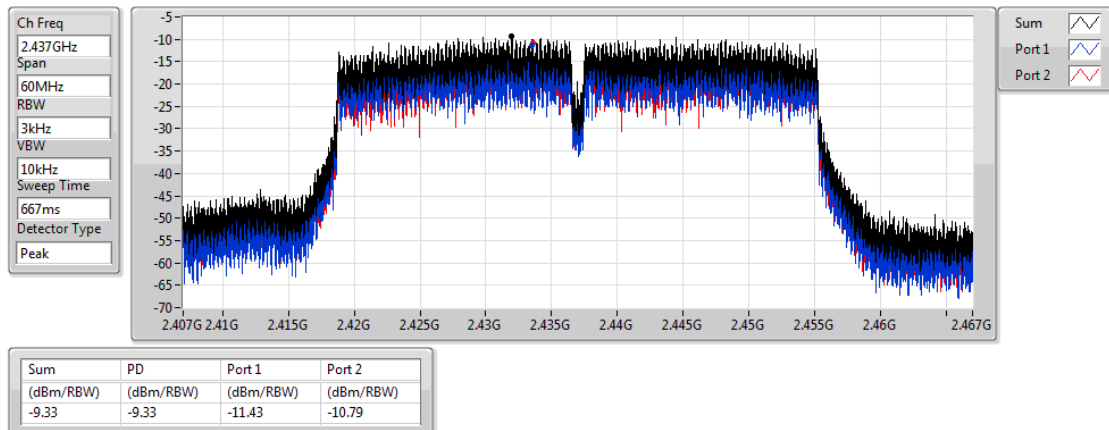
2422MHz



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

PSD

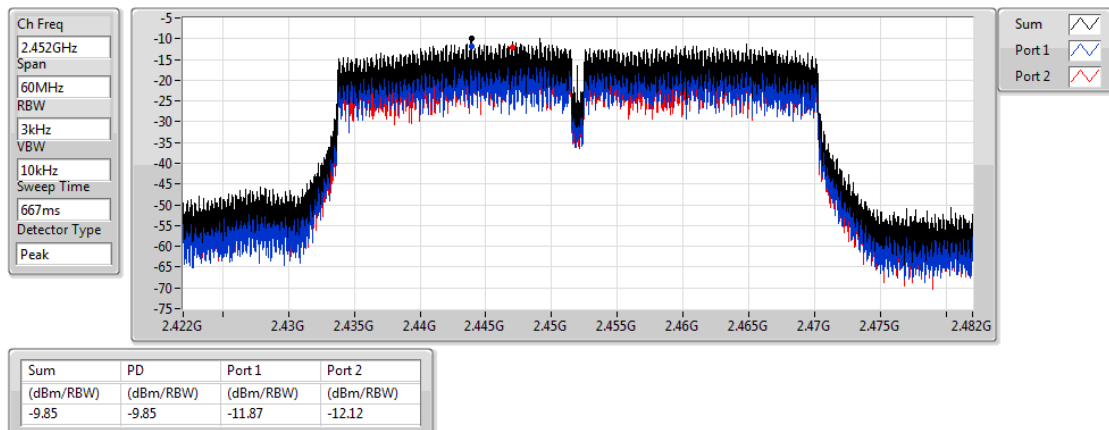
2437MHz



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

PSD

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -3.25           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -8.96           |

RBW=3kHz.

**Result**

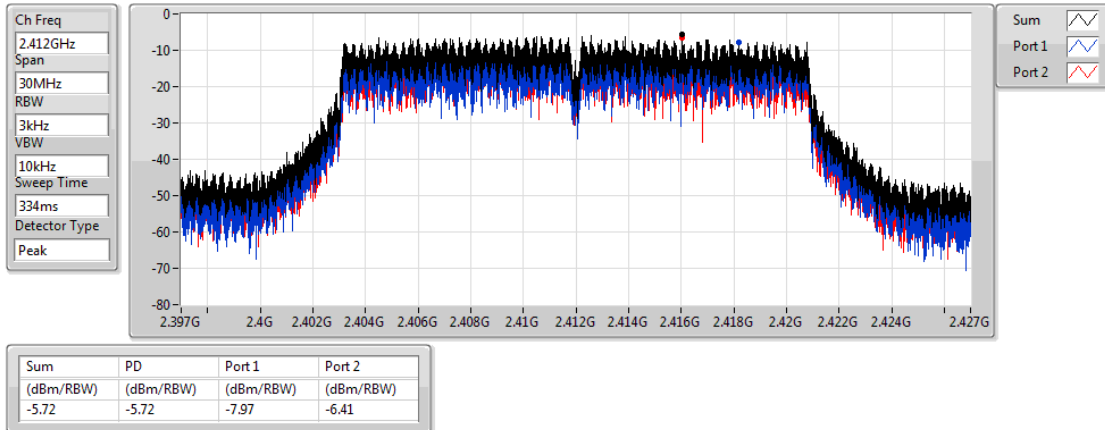
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 3.60        | -7.97               | -6.41               | -5.72           | 8.00                  |
| 2437MHz                           | Pass   | 3.60        | -5.12               | -4.75               | -3.25           | 8.00                  |
| 2462MHz                           | Pass   | 3.60        | -10.41              | -8.95               | -8.08           | 8.00                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 3.60        | -11.71              | -10.70              | -9.70           | 8.00                  |
| 2437MHz                           | Pass   | 3.60        | -10.76              | -10.26              | -8.96           | 8.00                  |
| 2452MHz                           | Pass   | 3.60        | -12.07              | -12.47              | -10.56          | 8.00                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

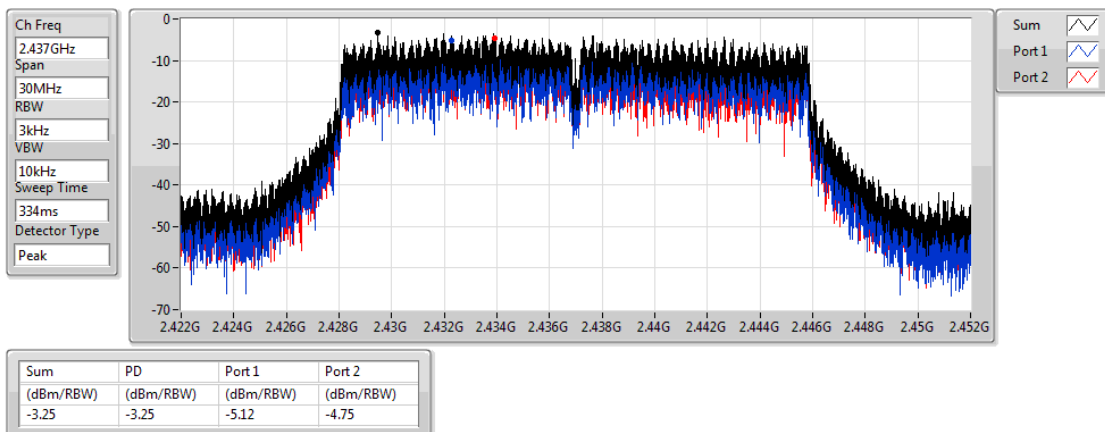
2412MHz



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

PSD

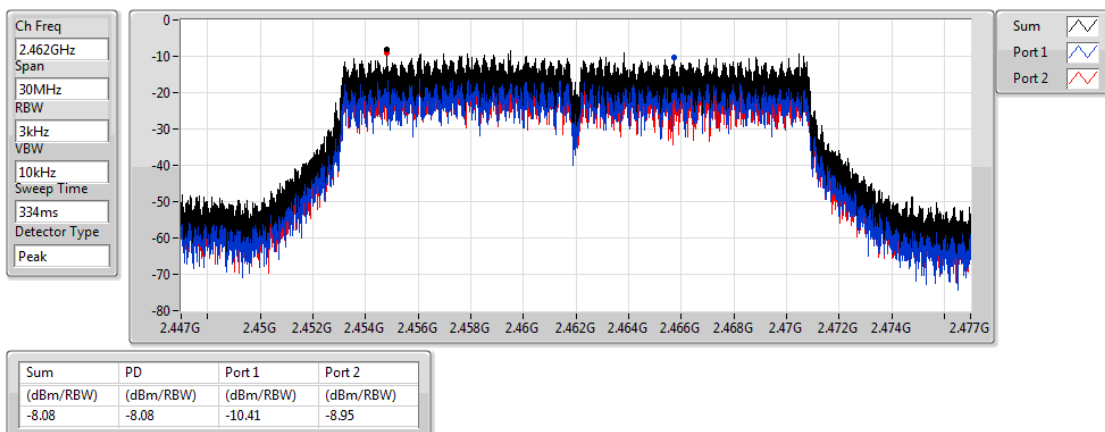
2437MHz



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

PSD

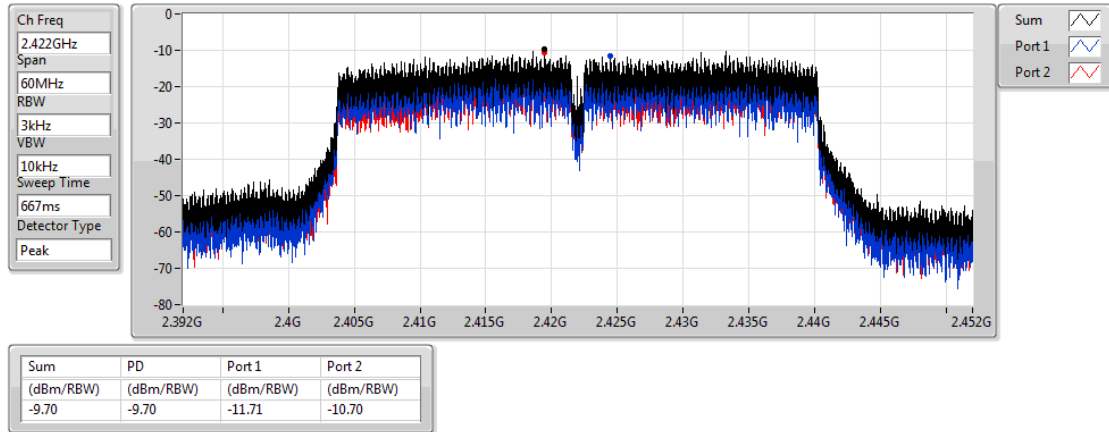
2462MHz



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

PSD

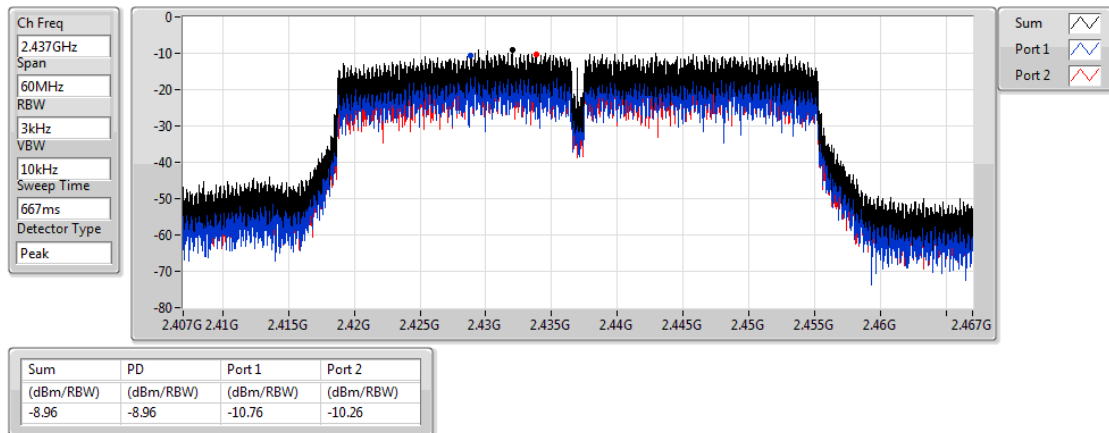
2422MHz



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

PSD

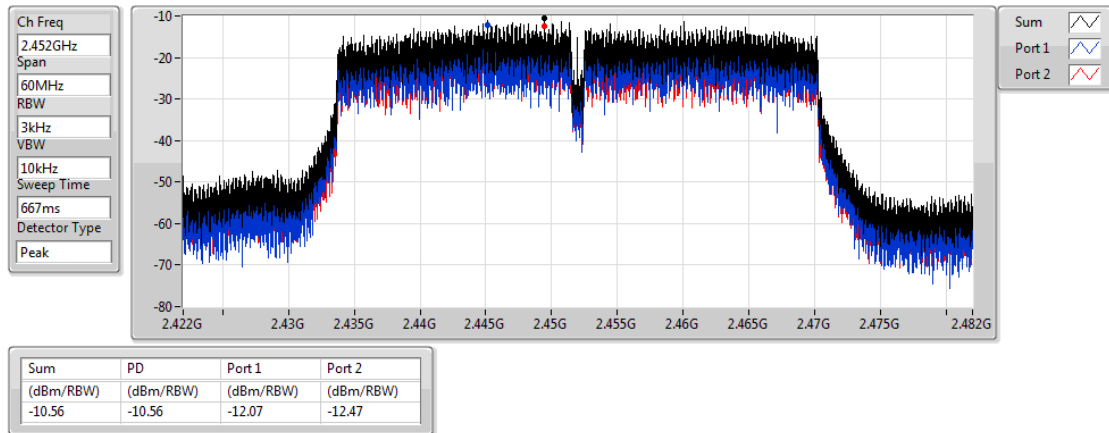
2437MHz



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

PSD

2452MHz





For Set 5 antennas / 3TX:  
<For Non-Beamforming Mode>  
Summary

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | 1.73            |
| 802.11g_(6Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | -0.91           |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -2.31           |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -8.50           |

RBW=3kHz.

Result

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.40        | 0.66                | -0.22               | -1.30               | 1.47            | 8.00                  |
| 2437MHz                        | Pass   | 5.40        | -1.03               | -1.50               | 0.64                | 1.69            | 8.00                  |
| 2462MHz                        | Pass   | 5.40        | -2.08               | -1.36               | -0.85               | 1.73            | 8.00                  |
| 802.11g_(6Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.40        | -10.22              | -10.69              | -10.77              | -8.23           | 8.00                  |
| 2437MHz                        | Pass   | 5.40        | -4.95               | -4.79               | -5.22               | -0.91           | 8.00                  |
| 2462MHz                        | Pass   | 5.40        | -10.17              | -10.03              | -10.44              | -7.30           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.40        | -11.12              | -9.70               | -10.07              | -7.41           | 8.00                  |
| 2437MHz                        | Pass   | 5.40        | -5.34               | -4.02               | -5.60               | -2.31           | 8.00                  |
| 2462MHz                        | Pass   | 5.40        | -8.99               | -9.51               | -10.32              | -7.82           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 5.40        | -15.20              | -14.74              | -14.52              | -11.64          | 8.00                  |
| 2437MHz                        | Pass   | 5.40        | -11.63              | -10.85              | -10.87              | -8.50           | 8.00                  |
| 2452MHz                        | Pass   | 5.40        | -14.26              | -13.43              | -13.70              | -11.28          | 8.00                  |

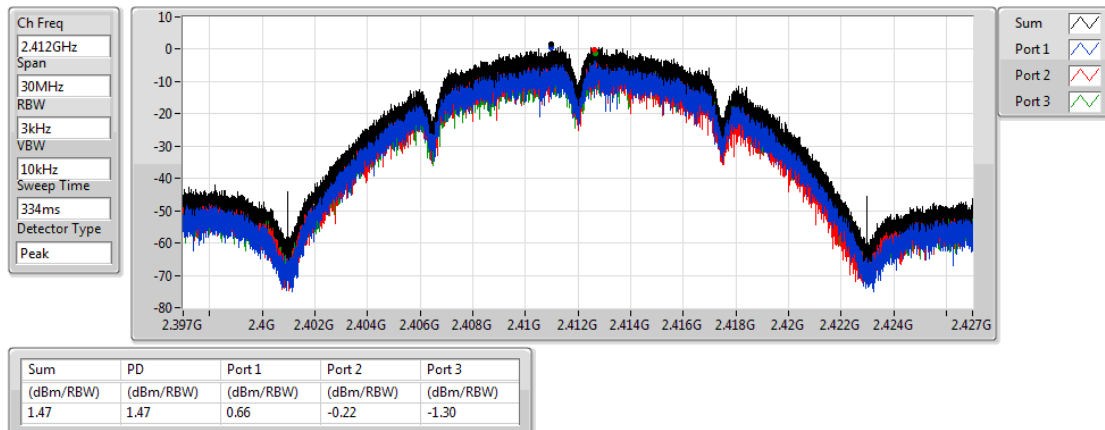
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_3TX

PSD

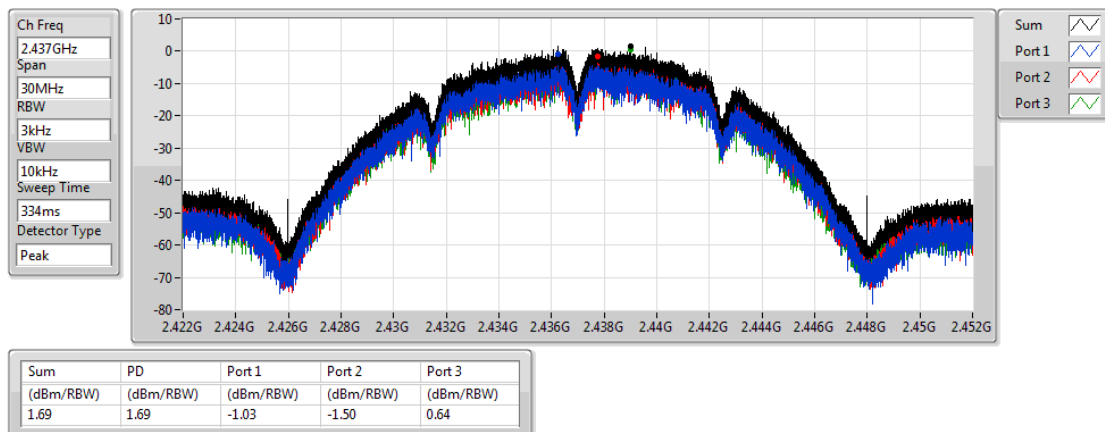
2412MHz



### 802.11b\_(1Mbps)\_3TX

PSD

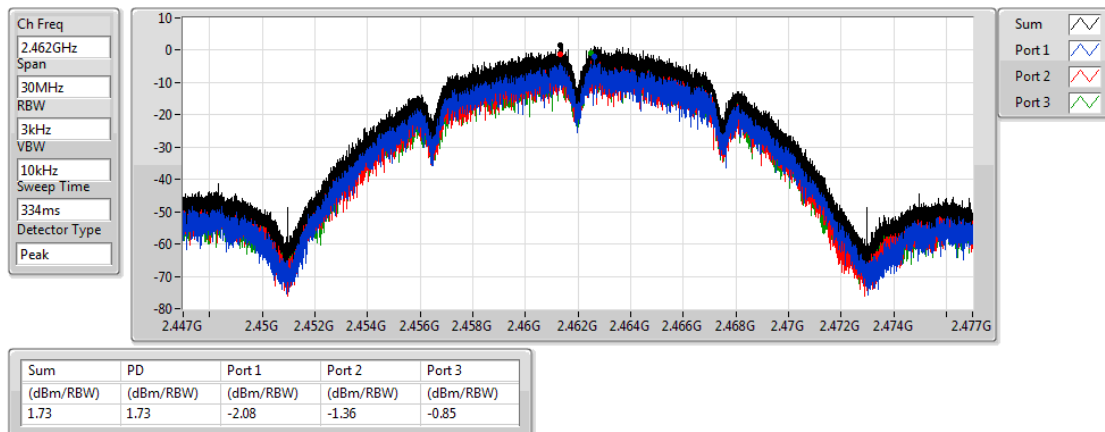
2437MHz



### 802.11b\_(1Mbps)\_3TX

PSD

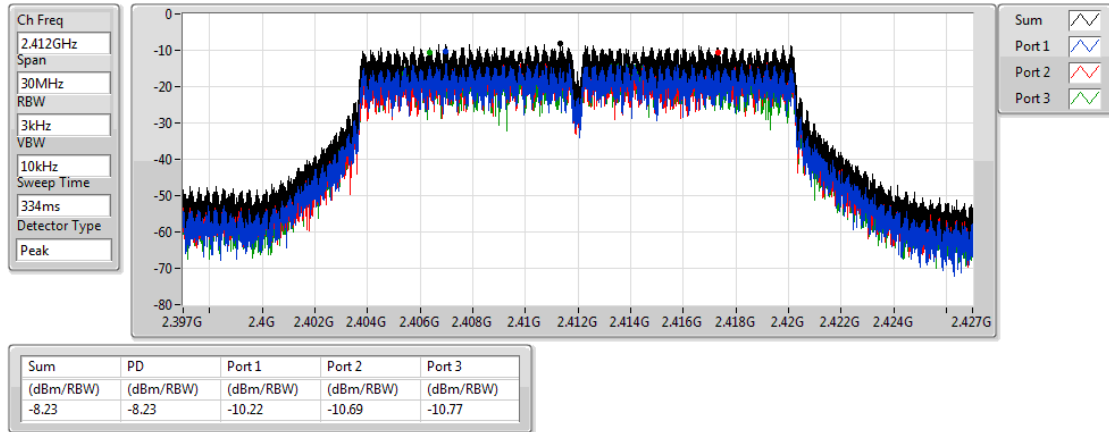
2462MHz



### 802.11g\_(6Mbps)\_3TX

PSD

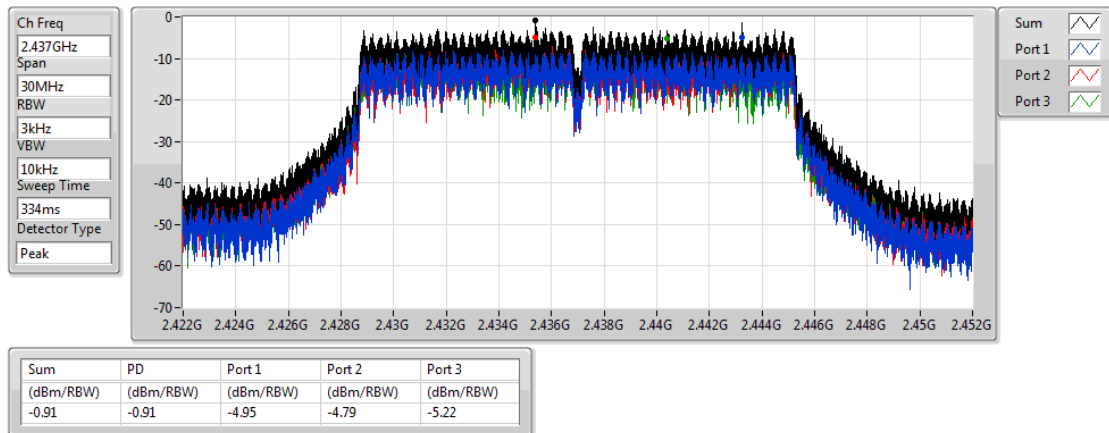
2412MHz



### 802.11g\_(6Mbps)\_3TX

PSD

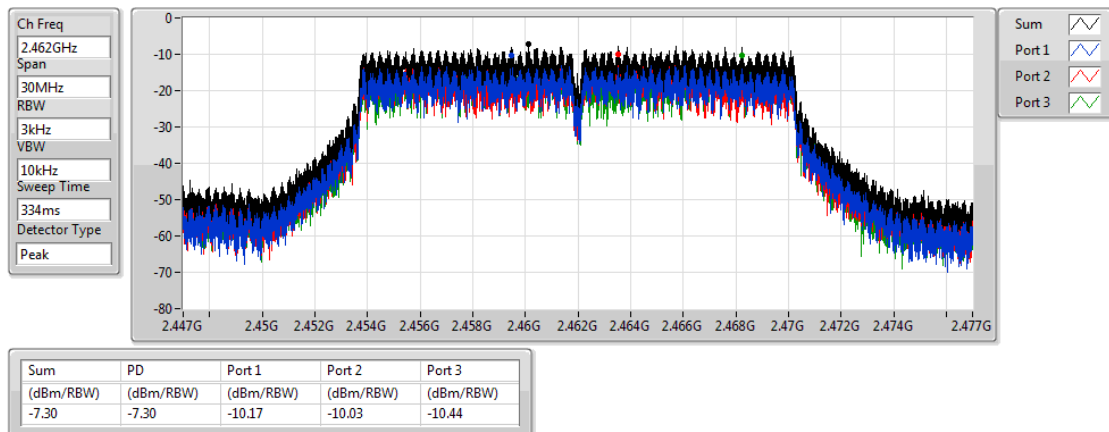
2437MHz



### 802.11g\_(6Mbps)\_3TX

PSD

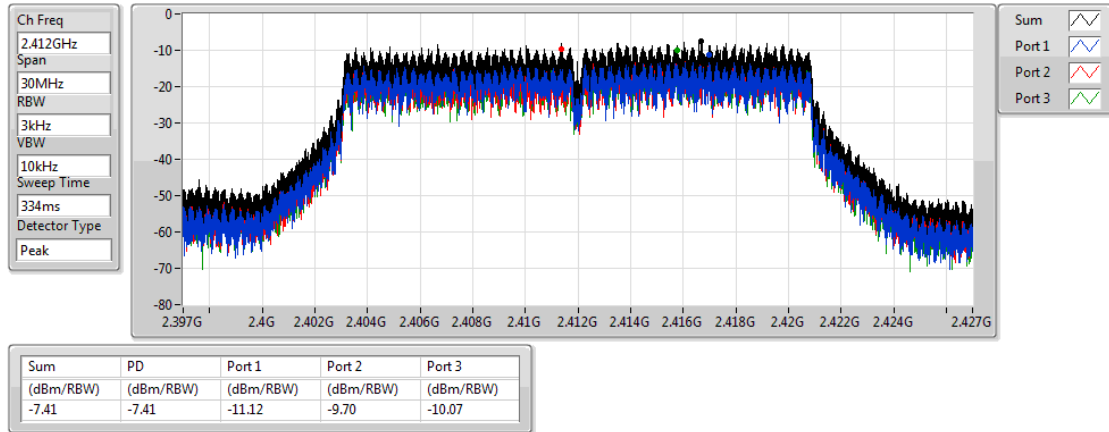
2462MHz



### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

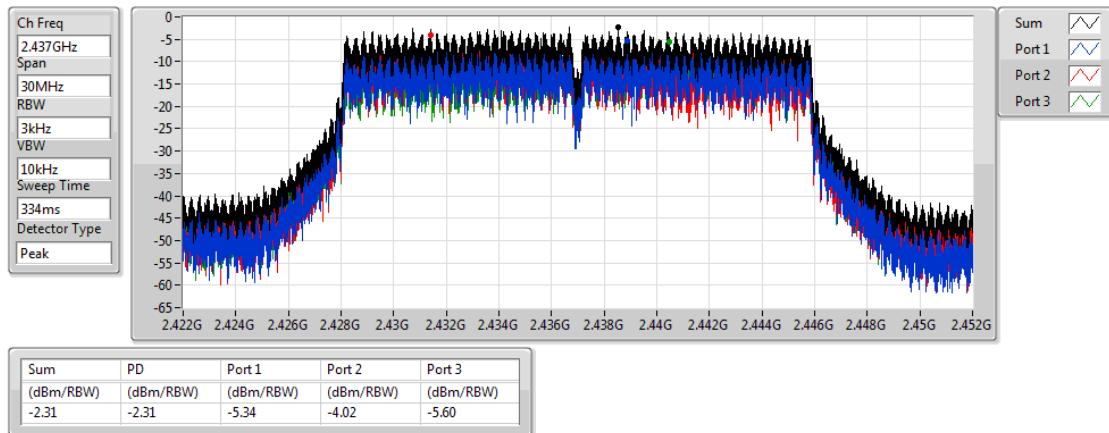
2412MHz



### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

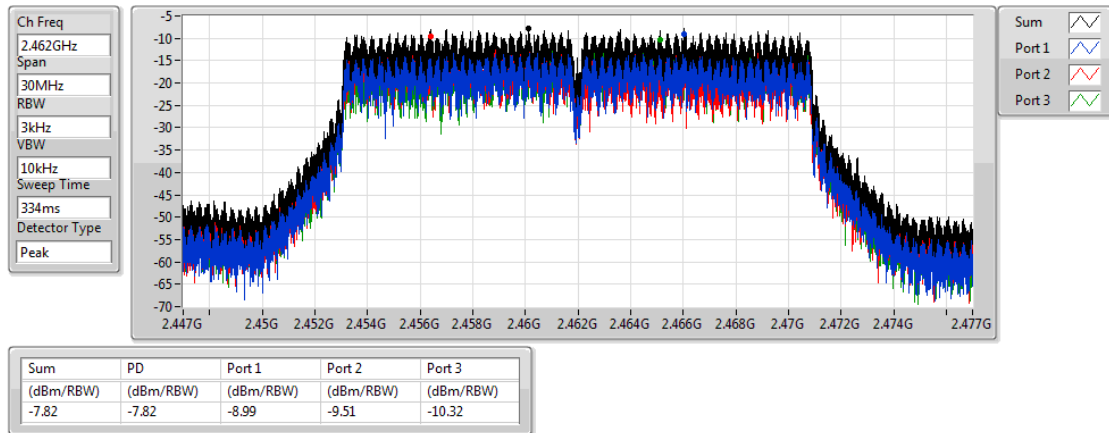
2437MHz



### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

PSD

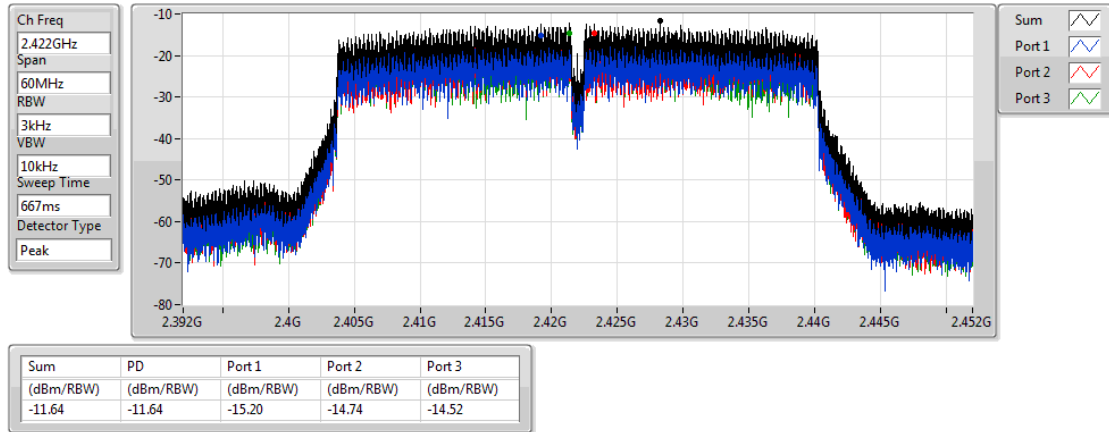
2462MHz



### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

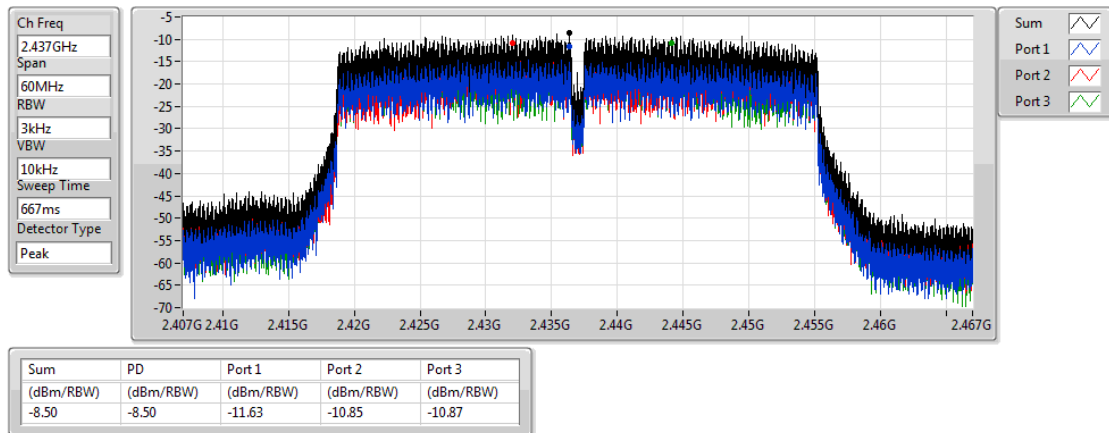
2422MHz



### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

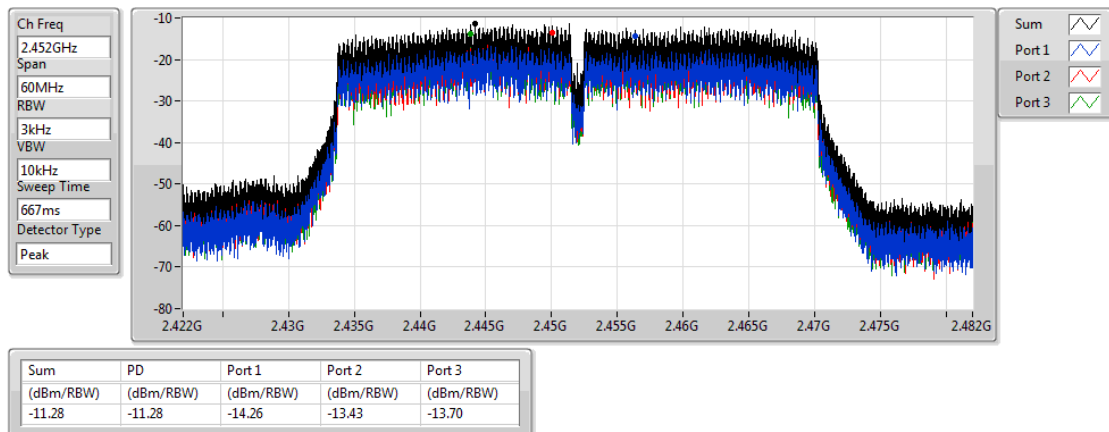
2437MHz



### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

2452MHz



**<For Beamforming Mode>**
**Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -2.67           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -9.54           |

RBW=3kHz.

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 5.40        | -10.01              | -10.79              | -8.90               | -7.16           | 8.00                  |
| 2437MHz                           | Pass   | 5.40        | -6.23               | -4.74               | -4.31               | -2.67           | 8.00                  |
| 2462MHz                           | Pass   | 5.40        | -10.85              | -9.45               | -9.94               | -7.57           | 8.00                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 5.40        | -13.70              | -13.63              | -12.68              | -11.87          | 8.00                  |
| 2437MHz                           | Pass   | 5.40        | -12.83              | -11.51              | -12.29              | -9.54           | 8.00                  |
| 2452MHz                           | Pass   | 5.40        | -15.88              | -16.50              | -15.31              | -13.99          | 8.00                  |

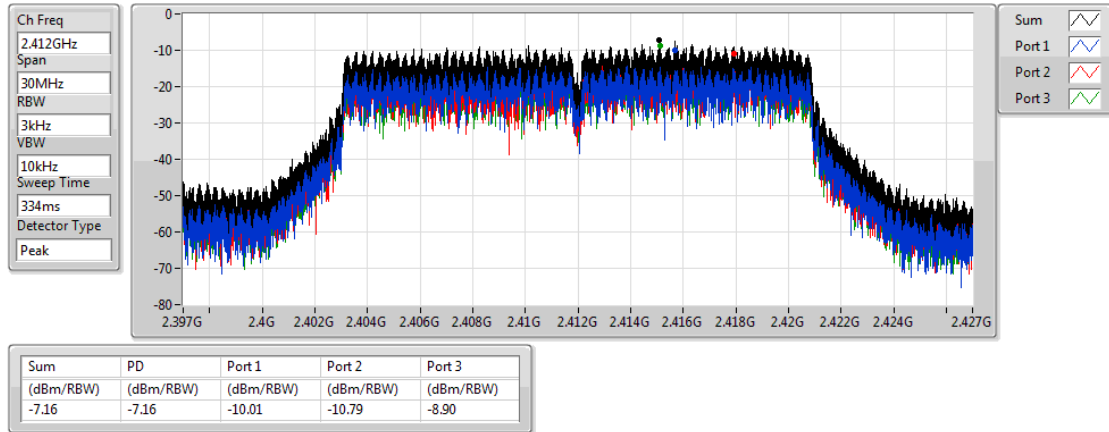
**DG** = Directional Gain; RBW=3kHz;

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

802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

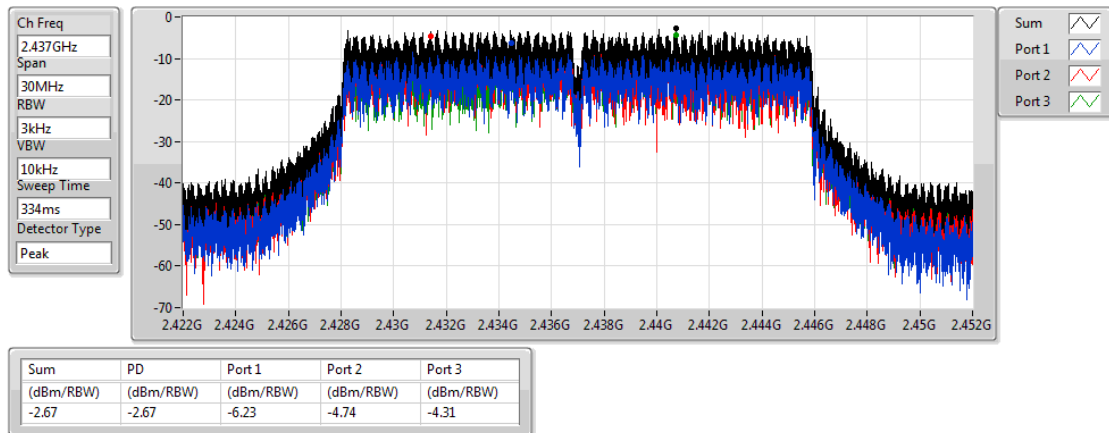
2412MHz



802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

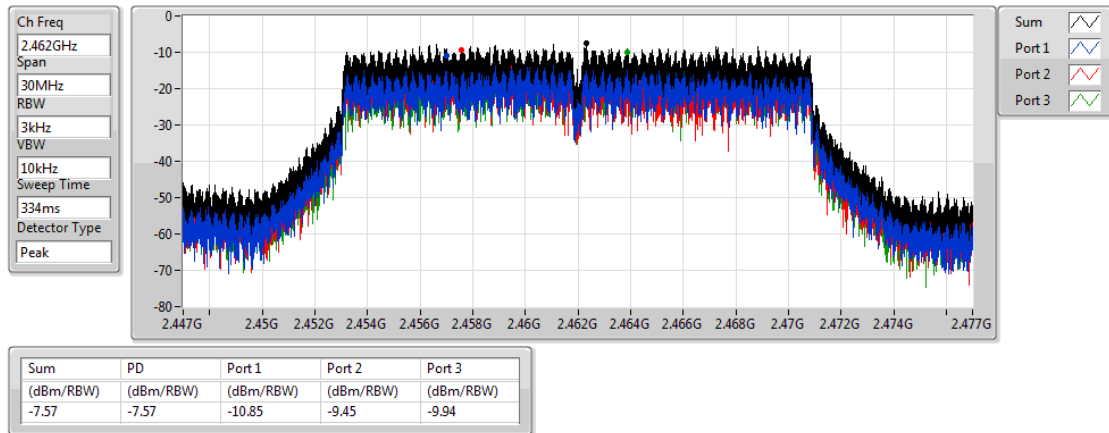
2437MHz

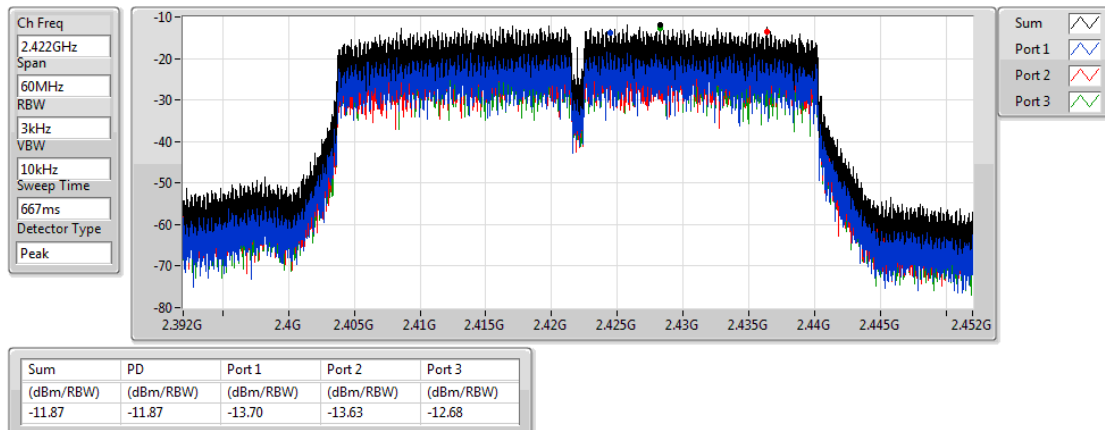
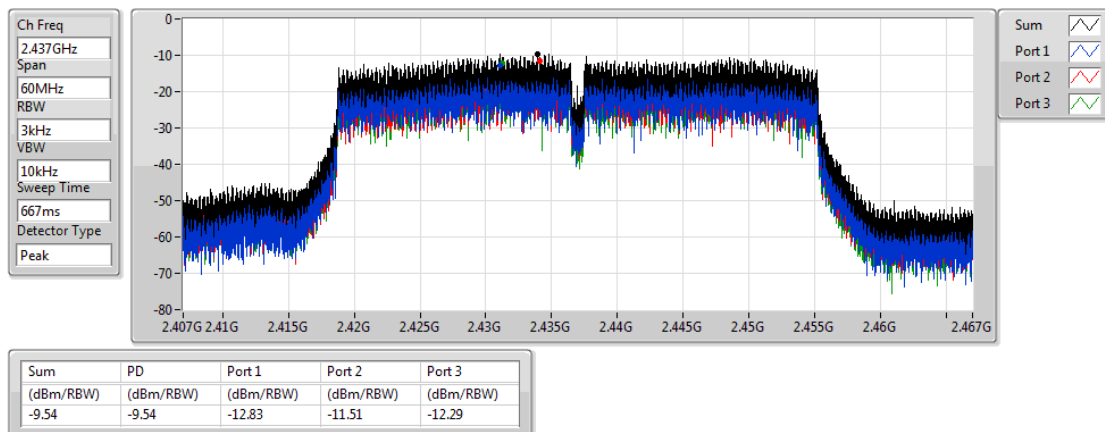
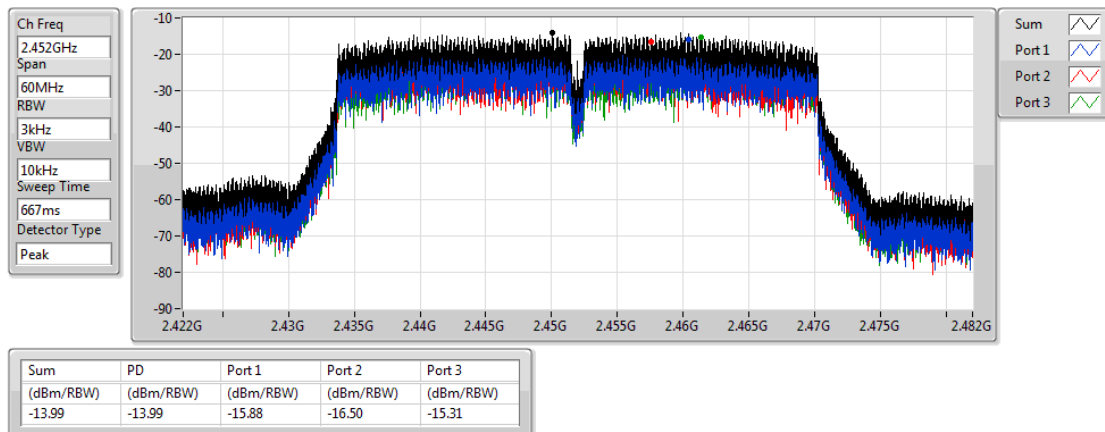


802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

PSD

2462MHz



**802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2422MHz**

**802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2437MHz**

**802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2452MHz**


**For Set 6 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -0.89           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -4.62           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -3.99           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -9.28           |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 2.36        | -0.89               | -0.89           | 8.00                  |
| 2437MHz                        | Pass   | 2.36        | -2.11               | -2.11           | 8.00                  |
| 2462MHz                        | Pass   | 2.36        | -1.52               | -1.52           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 2.36        | -7.10               | -7.10           | 8.00                  |
| 2437MHz                        | Pass   | 2.36        | -4.62               | -4.62           | 8.00                  |
| 2462MHz                        | Pass   | 2.36        | -8.26               | -8.26           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 2.36        | -7.11               | -7.11           | 8.00                  |
| 2437MHz                        | Pass   | 2.36        | -3.99               | -3.99           | 8.00                  |
| 2462MHz                        | Pass   | 2.36        | -7.41               | -7.41           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 2.36        | -13.05              | -13.05          | 8.00                  |
| 2437MHz                        | Pass   | 2.36        | -9.28               | -9.28           | 8.00                  |
| 2452MHz                        | Pass   | 2.36        | -13.19              | -13.19          | 8.00                  |

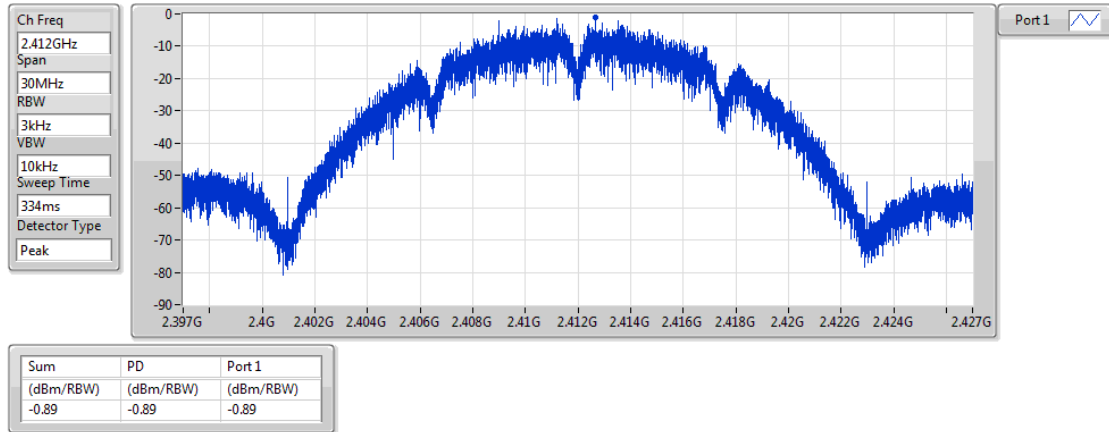
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_1TX

PSD

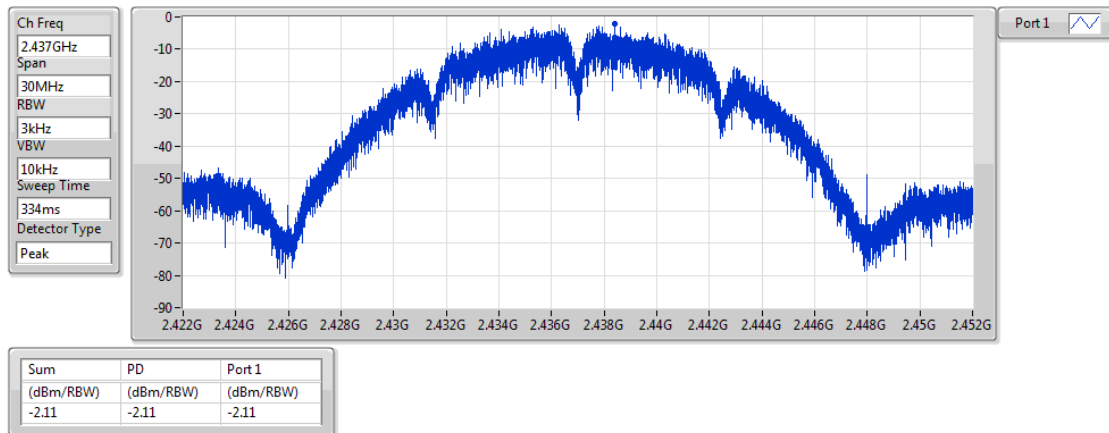
2412MHz



### 802.11b\_(1Mbps)\_1TX

PSD

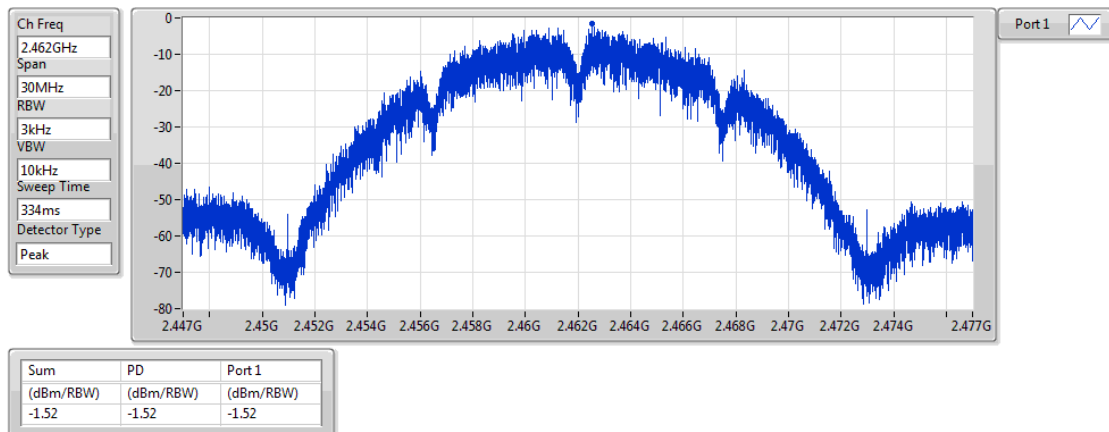
2437MHz



### 802.11b\_(1Mbps)\_1TX

PSD

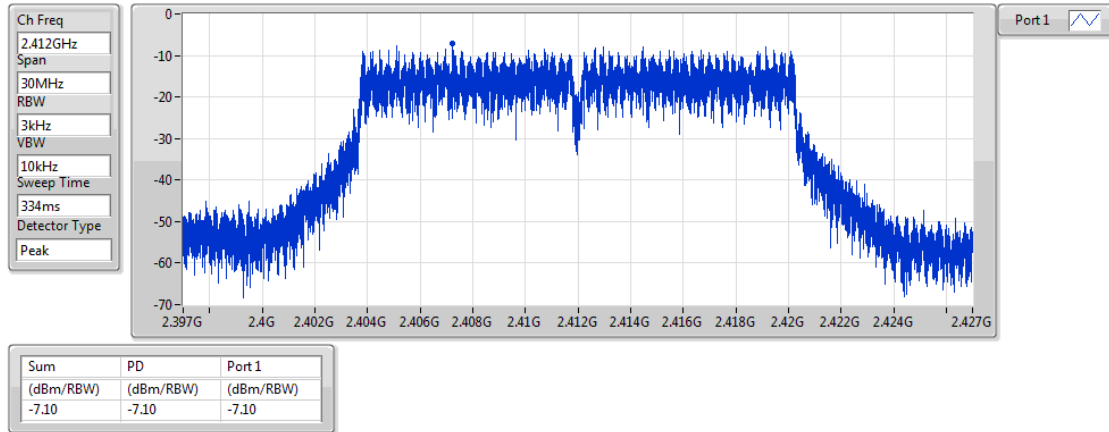
2462MHz



## 802.11g\_(6Mbps)\_1TX

PSD

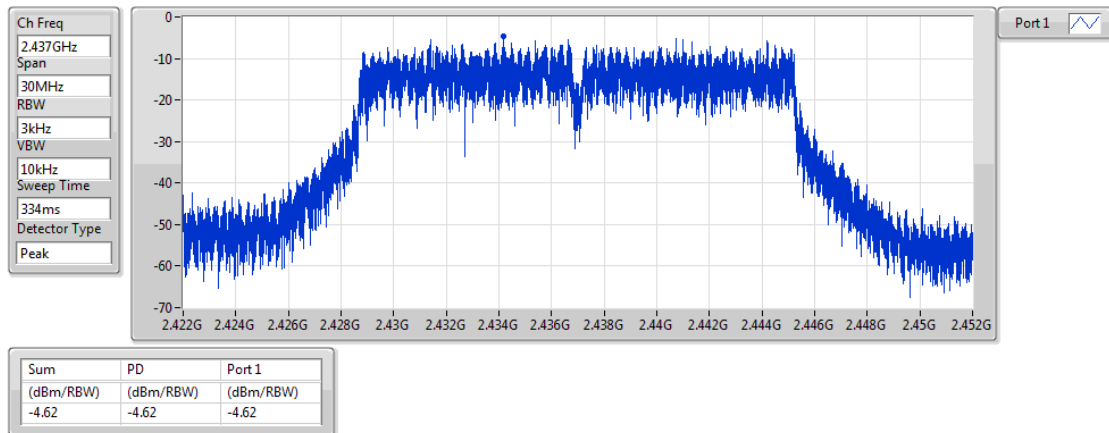
2412MHz



## 802.11g\_(6Mbps)\_1TX

PSD

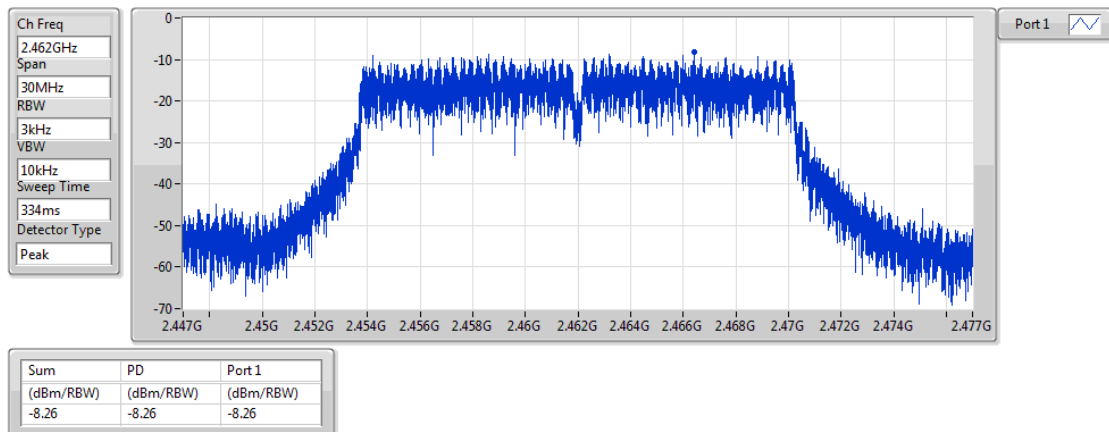
2437MHz



## 802.11g\_(6Mbps)\_1TX

PSD

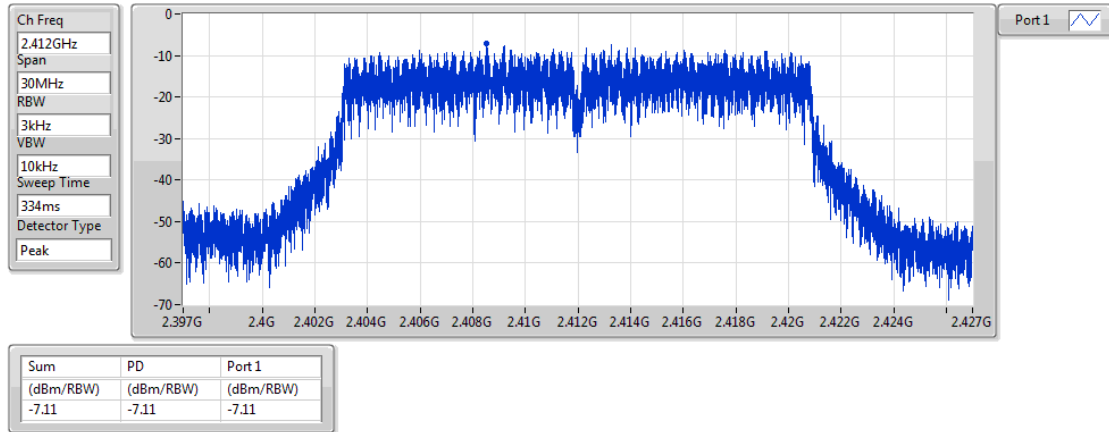
2462MHz



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

PSD

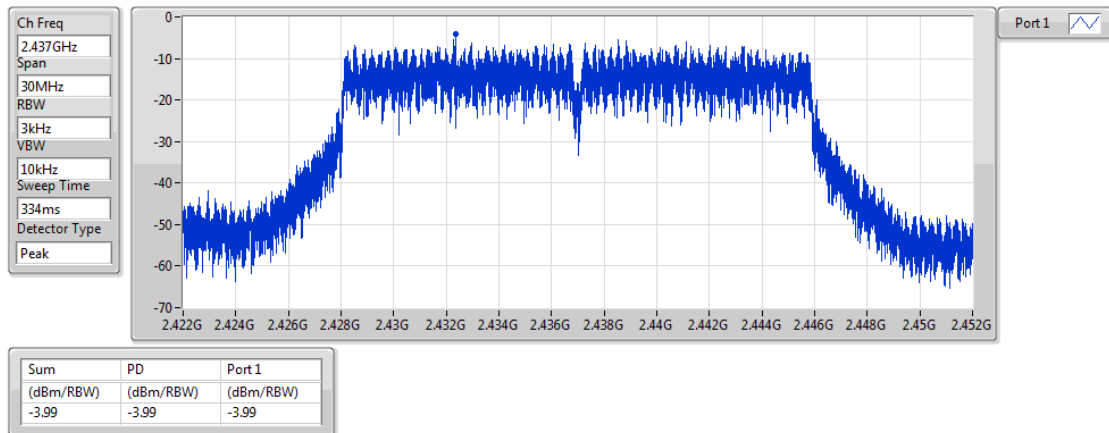
2412MHz



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

PSD

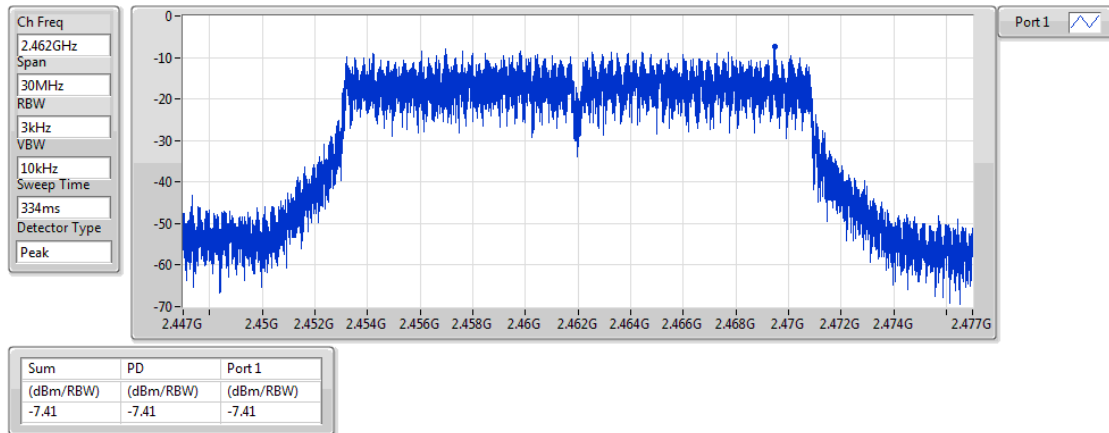
2437MHz



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

PSD

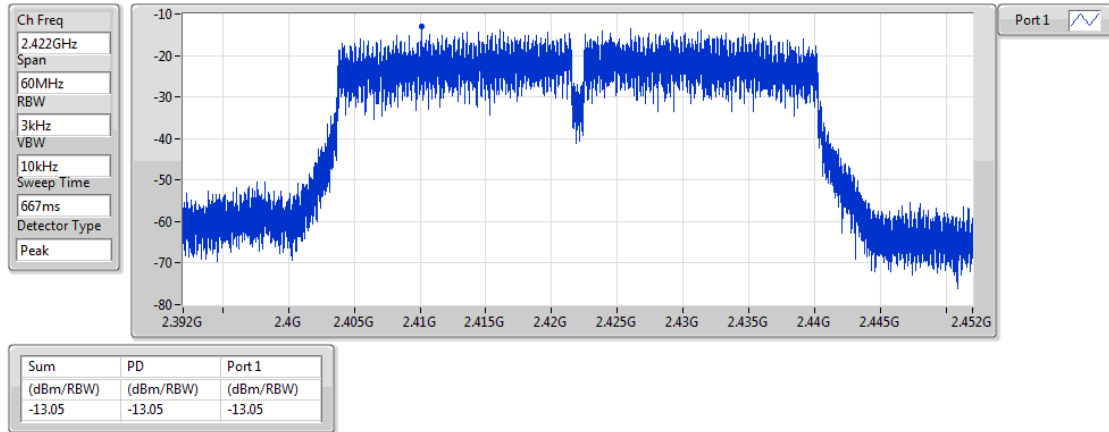
2462MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

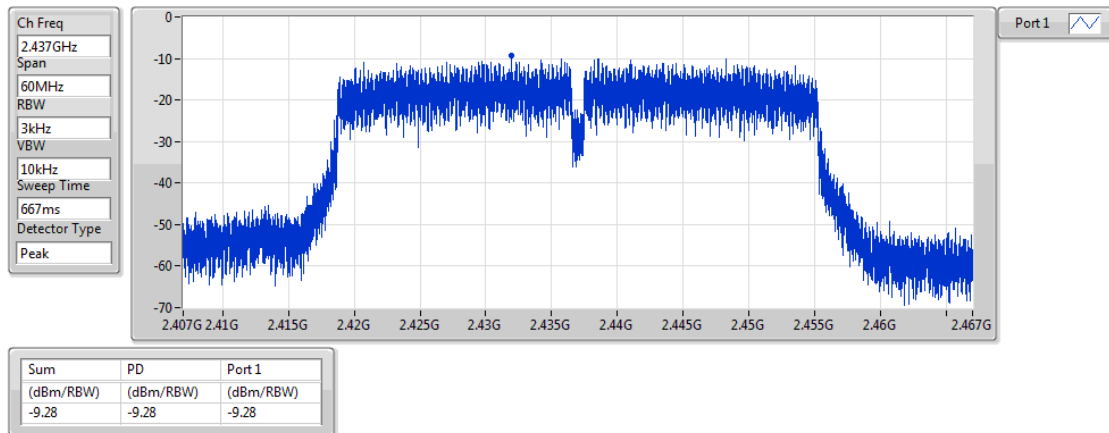
2422MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

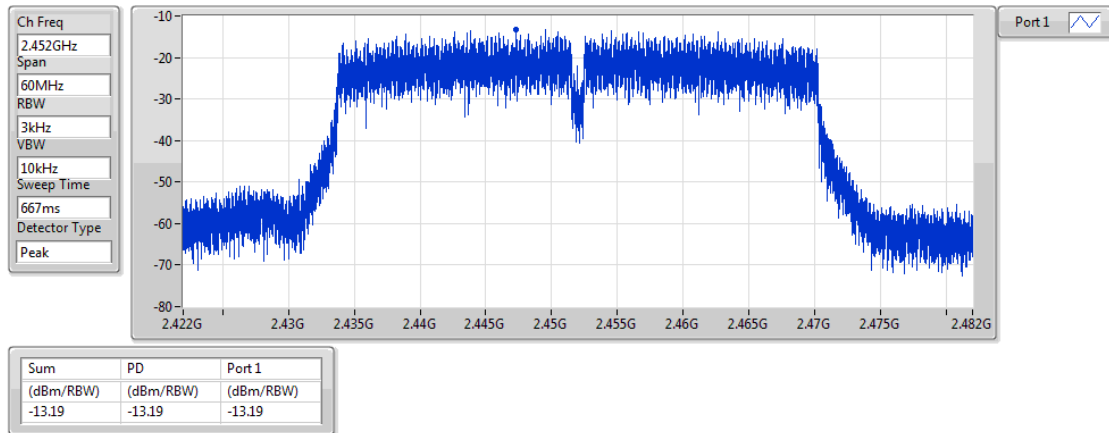
2437MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

2452MHz



**For Set 6 antennas / 2TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | 0.43            |
| 802.11g_(6Mbps)_2TX            | -               |
| 2.4-2.4835GHz                  | -3.42           |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -3.31           |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                  | -8.43           |

RBW=3kHz.

**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) |
|--------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.10        | -1.92               | -2.77               | -0.13           | 8.00                  |
| 2437MHz                        | Pass   | 4.10        | -1.78               | -1.93               | 0.04            | 8.00                  |
| 2462MHz                        | Pass   | 4.10        | -0.43               | -1.66               | 0.43            | 8.00                  |
| 802.11g_(6Mbps)_2TX            | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.10        | -11.01              | -10.67              | -9.09           | 8.00                  |
| 2437MHz                        | Pass   | 4.10        | -5.08               | -5.04               | -3.42           | 8.00                  |
| 2462MHz                        | Pass   | 4.10        | -11.25              | -10.33              | -8.80           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 4.10        | -10.35              | -10.20              | -8.33           | 8.00                  |
| 2437MHz                        | Pass   | 4.10        | -5.63               | -4.45               | -3.31           | 8.00                  |
| 2462MHz                        | Pass   | 4.10        | -10.77              | -9.00               | -8.71           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 4.10        | -14.29              | -14.15              | -13.22          | 8.00                  |
| 2437MHz                        | Pass   | 4.10        | -9.67               | -8.74               | -8.43           | 8.00                  |
| 2452MHz                        | Pass   | 4.10        | -13.81              | -13.42              | -11.67          | 8.00                  |

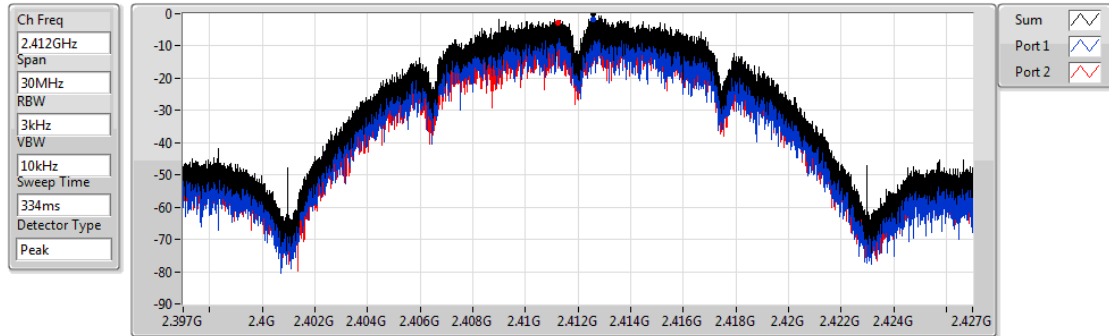
**DG** = Directional Gain; RBW=3kHz;

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

## 802.11b\_(1Mbps)\_2TX

PSD

2412MHz

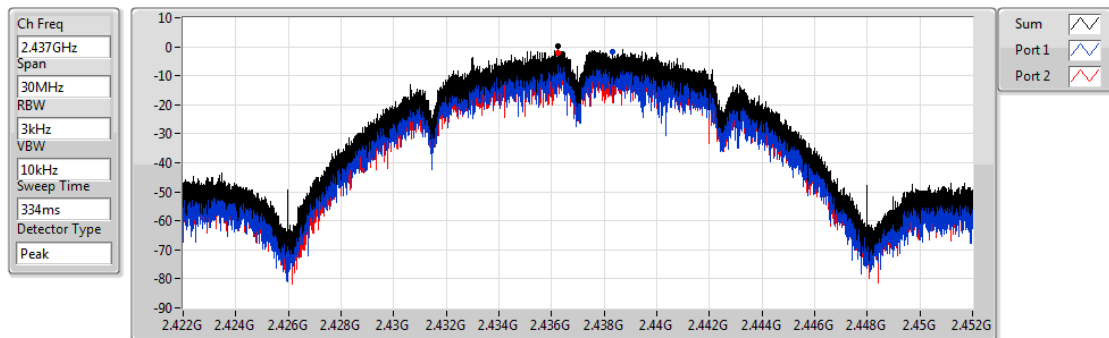


| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| -0.13     | -0.13     | -1.92     | -2.77     |

## 802.11b\_(1Mbps)\_2TX

PSD

2437MHz

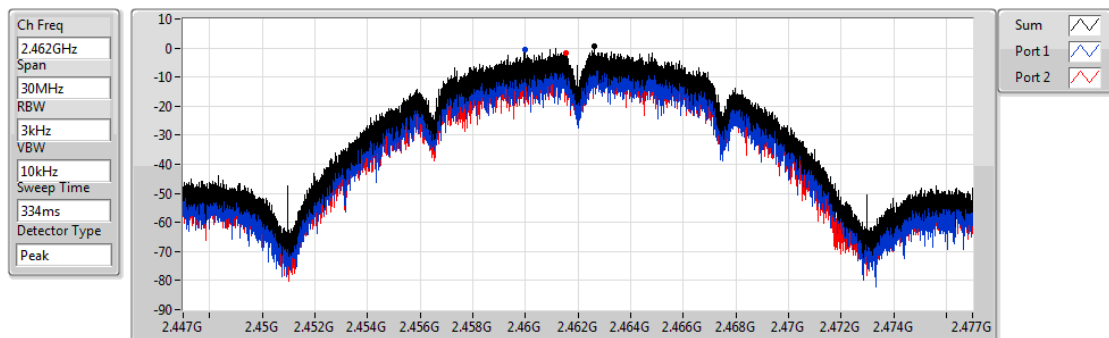


| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.04      | 0.04      | -1.78     | -1.93     |

## 802.11b\_(1Mbps)\_2TX

PSD

2462MHz

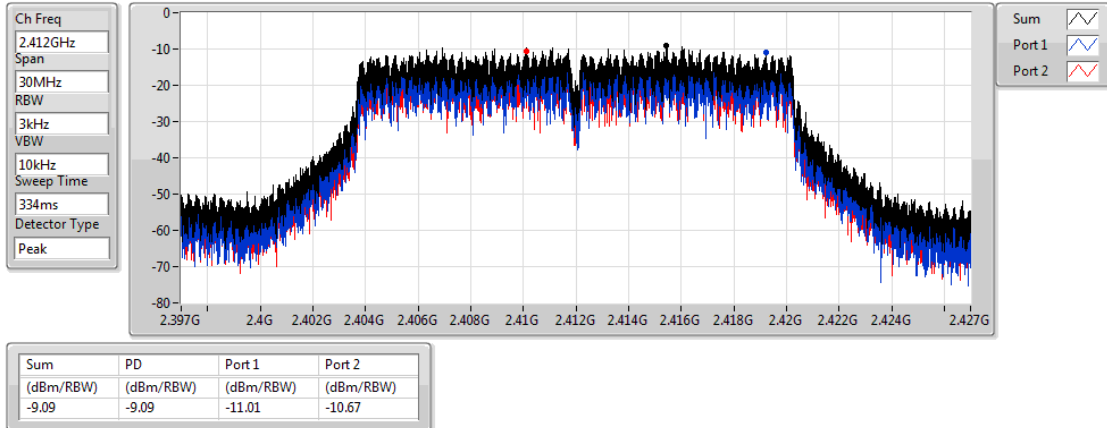


| Sum       | PD        | Port 1    | Port 2    |
|-----------|-----------|-----------|-----------|
| (dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW) |
| 0.43      | 0.43      | -0.43     | -1.66     |

### 802.11g\_(6Mbps)\_2TX

PSD

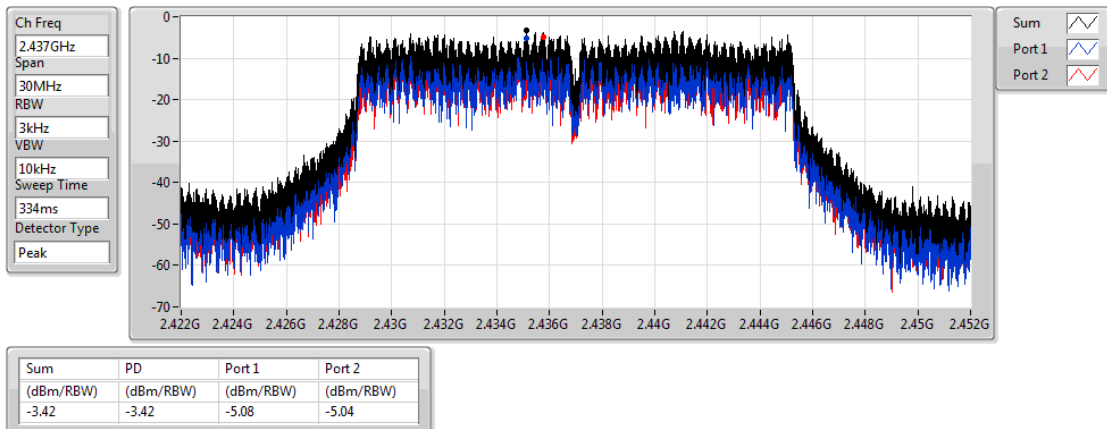
2412MHz



### 802.11g\_(6Mbps)\_2TX

PSD

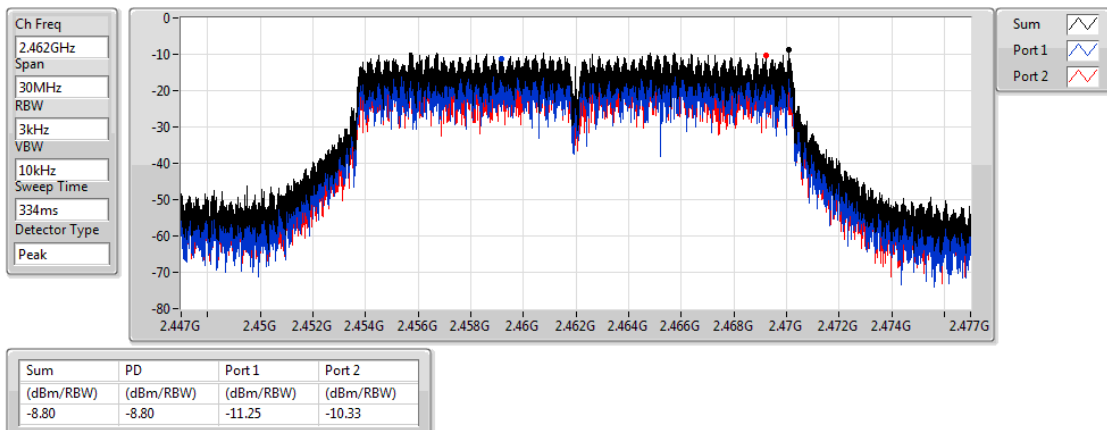
2437MHz



### 802.11g\_(6Mbps)\_2TX

PSD

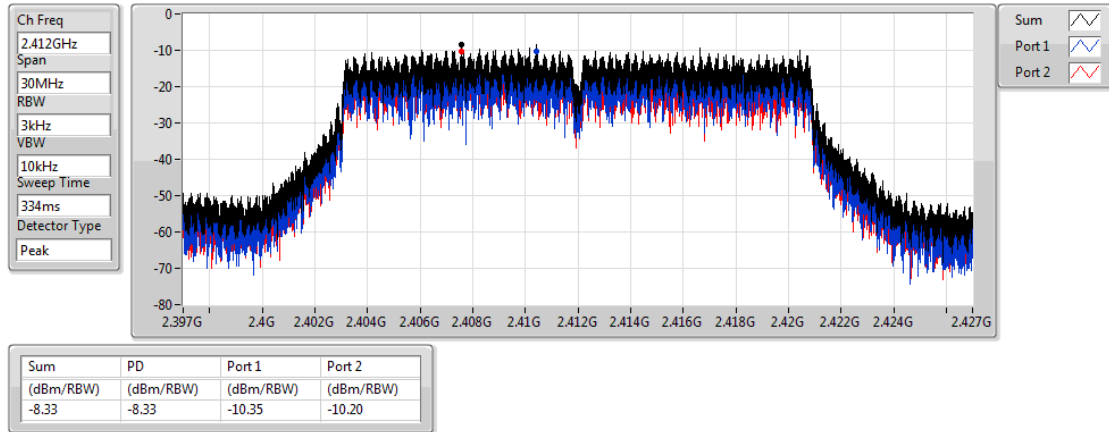
2462MHz



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

PSD

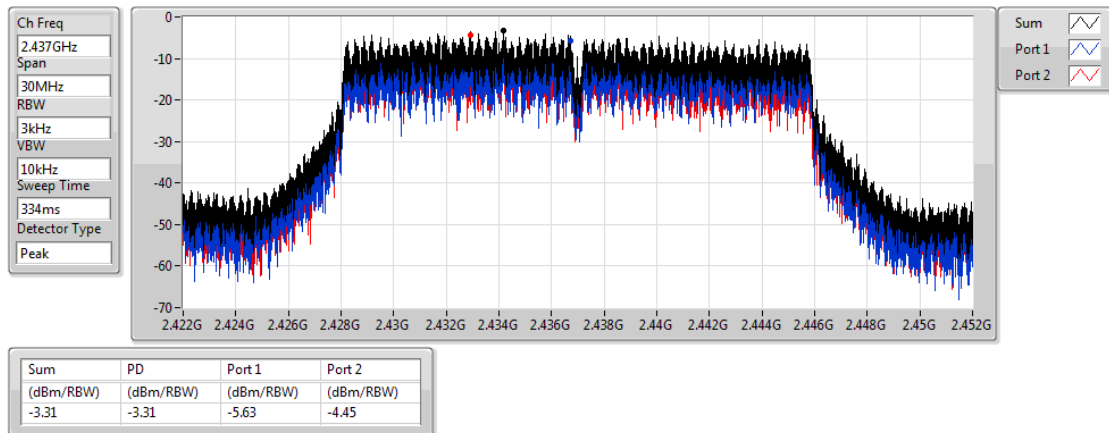
2412MHz



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

PSD

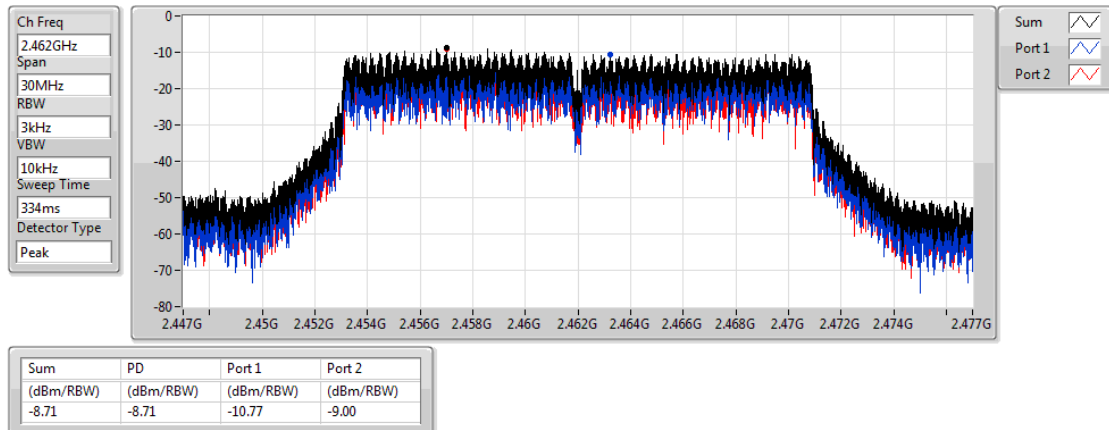
2437MHz



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

PSD

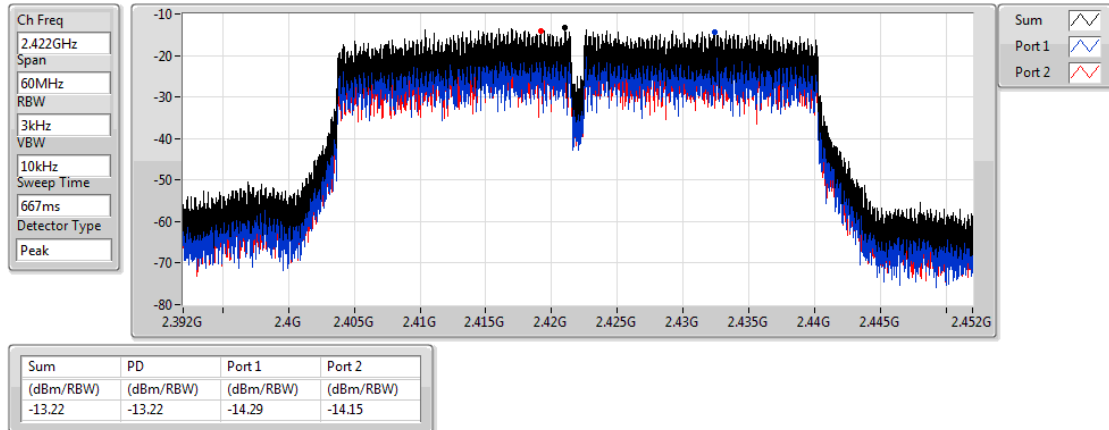
2462MHz



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

PSD

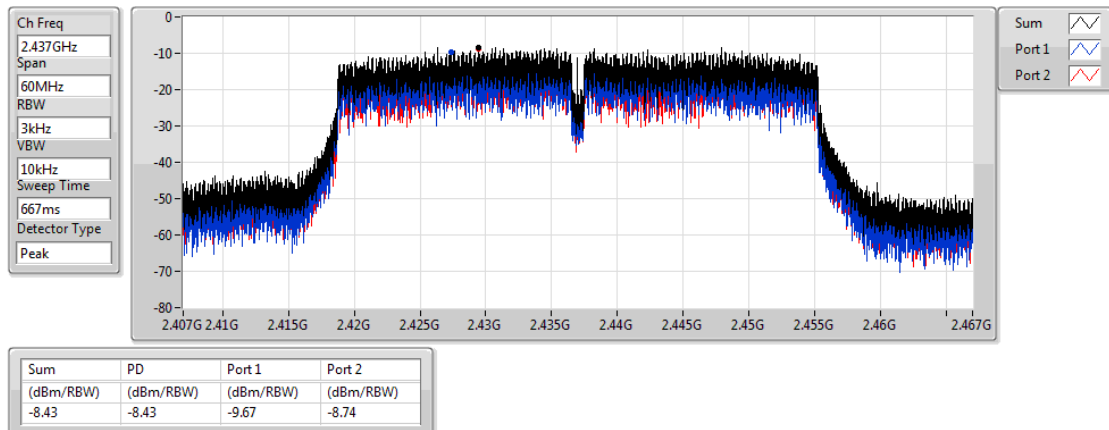
2422MHz



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

PSD

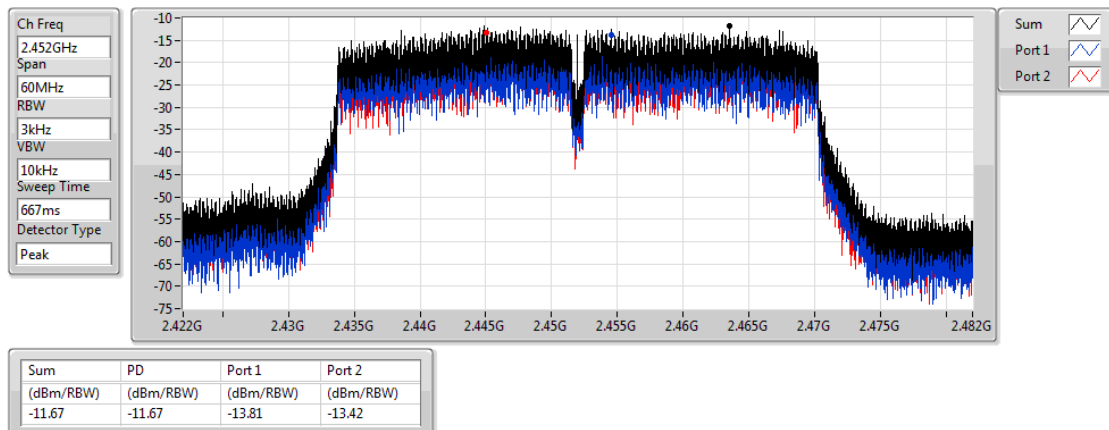
2437MHz



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

PSD

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -3.01           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -               |
| 2.4-2.4835GHz                     | -5.41           |

RBW=3kHz.

**Result**

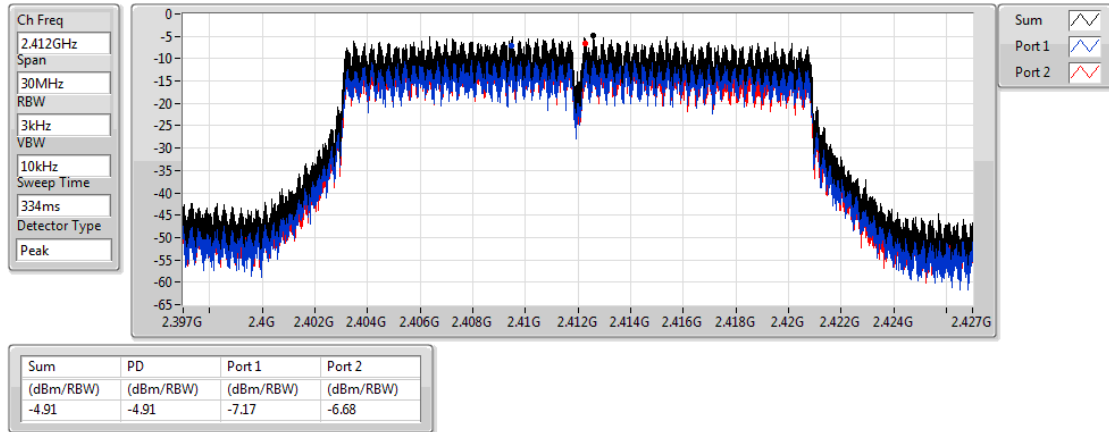
| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 4.10        | -7.17               | -6.68               | -4.91           | 8.00                  |
| 2437MHz                           | Pass   | 4.10        | -4.50               | -4.14               | -3.01           | 8.00                  |
| 2462MHz                           | Pass   | 4.10        | -7.74               | -6.85               | -4.69           | 8.00                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 4.10        | -11.83              | -12.02              | -10.18          | 8.00                  |
| 2437MHz                           | Pass   | 4.10        | -9.26               | -6.92               | -5.41           | 8.00                  |
| 2452MHz                           | Pass   | 4.10        | -11.73              | -11.37              | -8.81           | 8.00                  |

**DG** = Directional Gain; RBW=3kHz;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

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

PSD

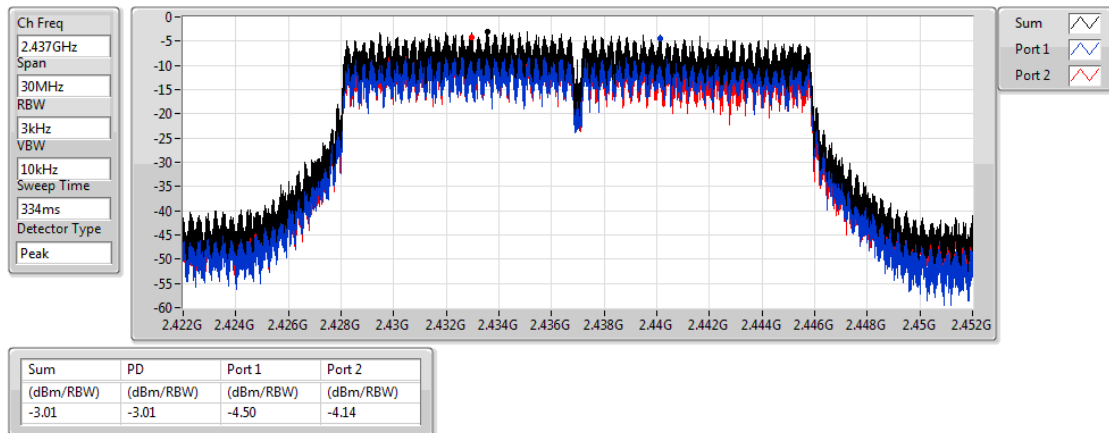
2412MHz



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

PSD

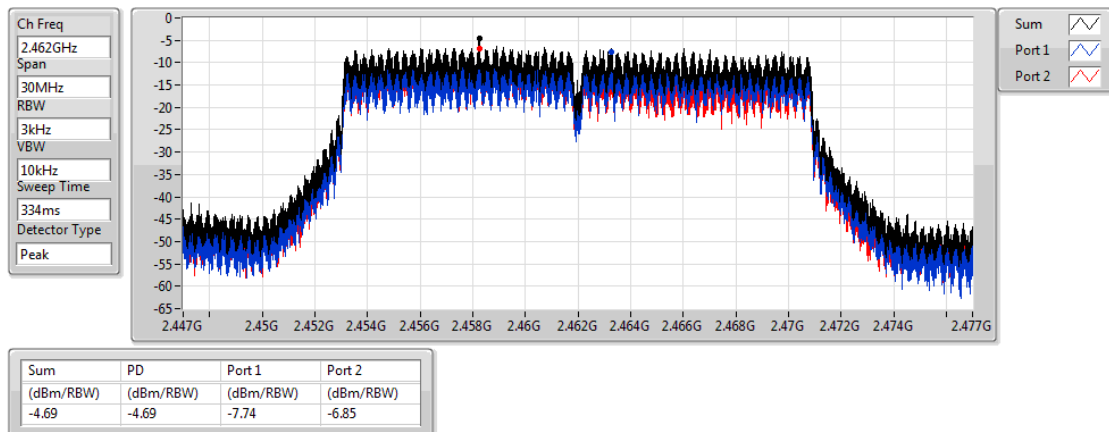
2437MHz



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

PSD

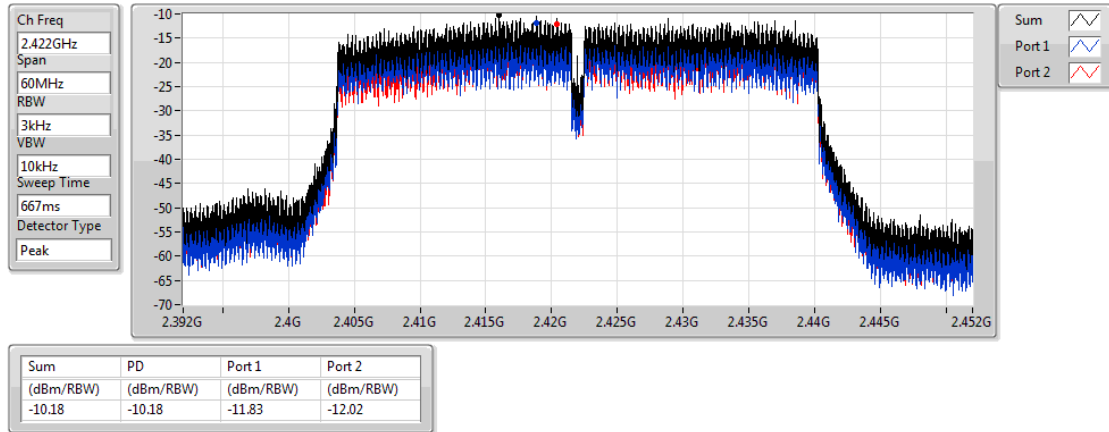
2462MHz



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

PSD

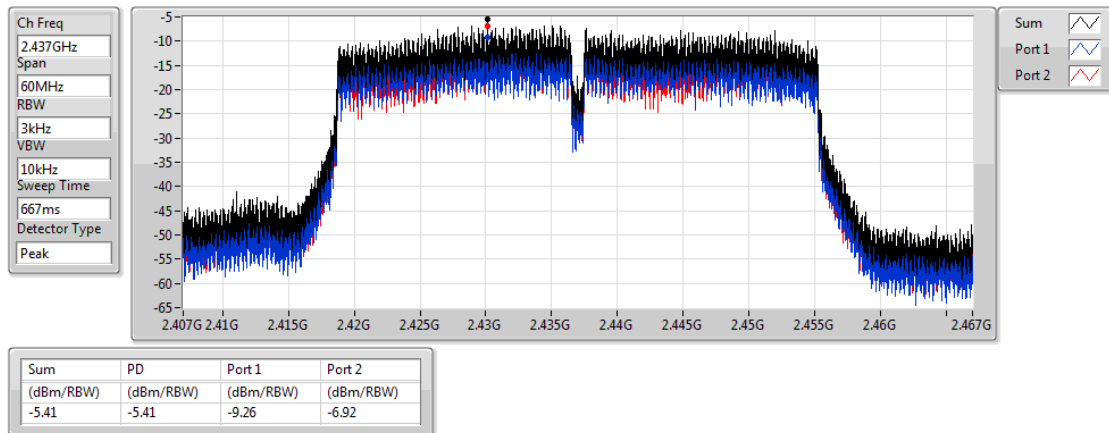
2422MHz



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

PSD

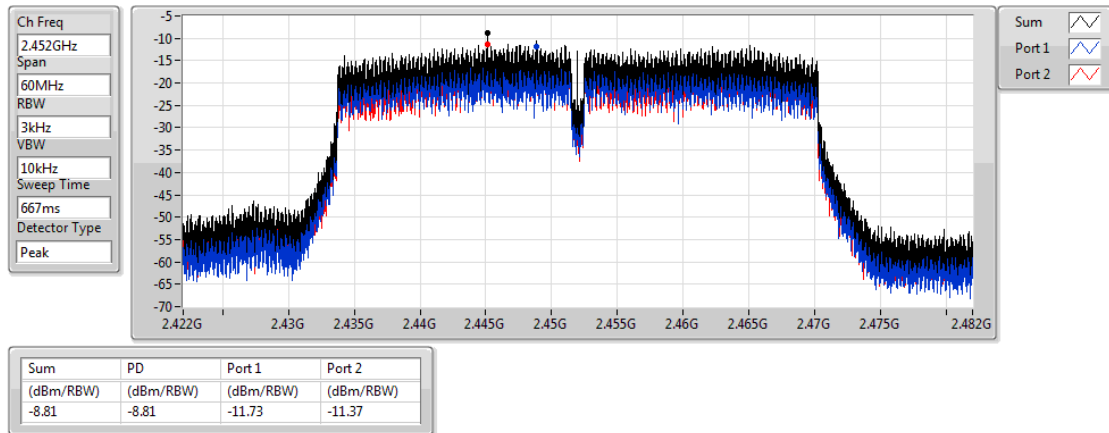
2437MHz



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

PSD

2452MHz





**For Set 6 antennas / 3TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | 1.73            |
| 802.11g_(6Mbps)_3TX            | -               |
| 2.4-2.4835GHz                  | -0.91           |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -2.31           |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                  | -5.67           |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.20        | 0.66                | -0.22               | -1.30               | 1.47            | 8.00                  |
| 2437MHz                        | Pass   | 5.20        | -1.03               | -1.50               | 0.64                | 1.69            | 8.00                  |
| 2462MHz                        | Pass   | 5.20        | -2.08               | -1.36               | -0.85               | 1.73            | 8.00                  |
| 802.11g_(6Mbps)_3TX            | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.20        | -12.76              | -10.39              | -11.00              | -8.30           | 8.00                  |
| 2437MHz                        | Pass   | 5.20        | -4.95               | -4.79               | -5.22               | -0.91           | 8.00                  |
| 2462MHz                        | Pass   | 5.20        | -11.75              | -11.54              | -10.68              | -8.86           | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.20        | -12.02              | -11.66              | -11.32              | -9.00           | 8.00                  |
| 2437MHz                        | Pass   | 5.20        | -5.34               | -4.02               | -5.60               | -2.31           | 8.00                  |
| 2462MHz                        | Pass   | 5.20        | -12.00              | -11.68              | -10.50              | -8.94           | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                        | Pass   | 5.20        | -15.18              | -14.52              | -13.66              | -12.50          | 8.00                  |
| 2437MHz                        | Pass   | 5.20        | -9.32               | -7.46               | -8.26               | -5.67           | 8.00                  |
| 2452MHz                        | Pass   | 5.20        | -13.46              | -13.23              | -13.08              | -10.21          | 8.00                  |

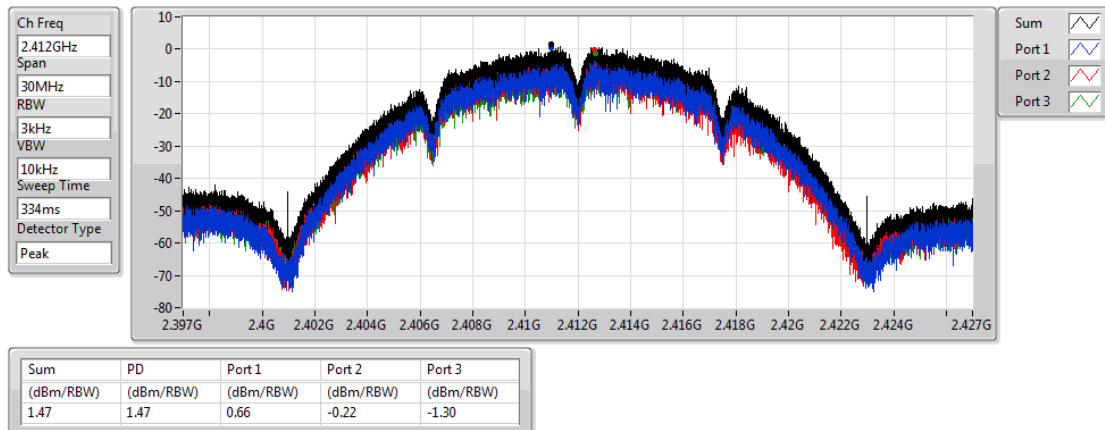
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_3TX

PSD

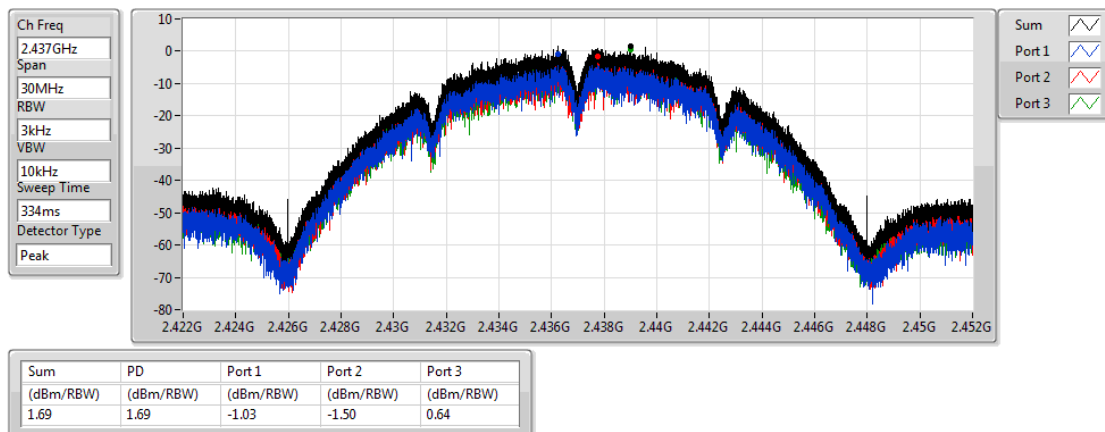
2412MHz



### 802.11b\_(1Mbps)\_3TX

PSD

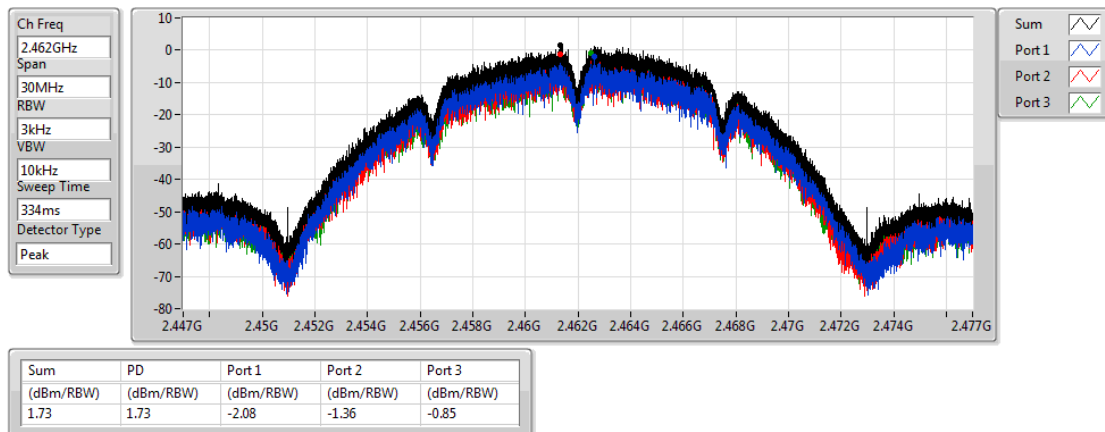
2437MHz



### 802.11b\_(1Mbps)\_3TX

PSD

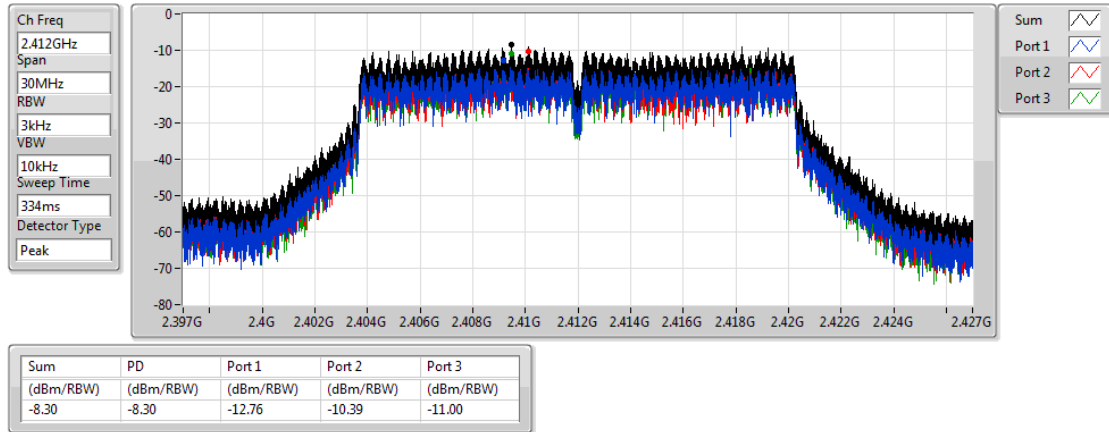
2462MHz



### 802.11g\_(6Mbps)\_3TX

PSD

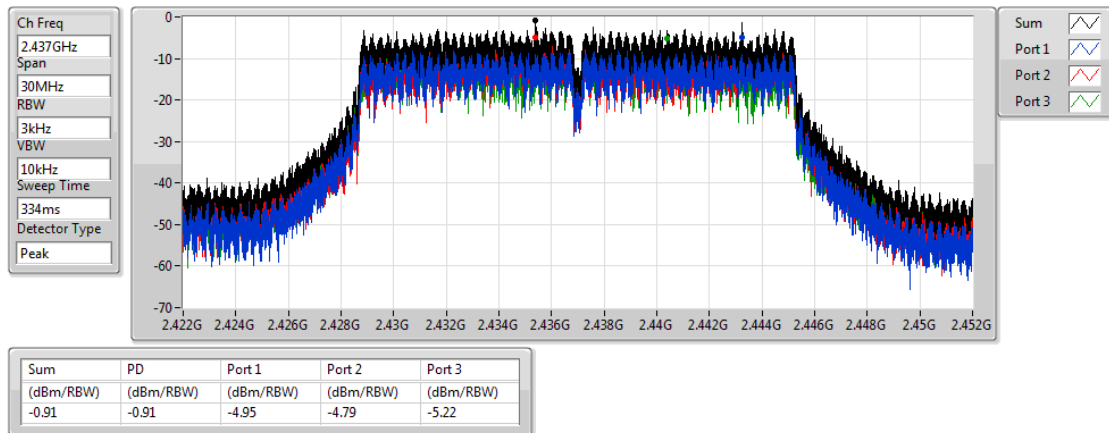
2412MHz



### 802.11g\_(6Mbps)\_3TX

PSD

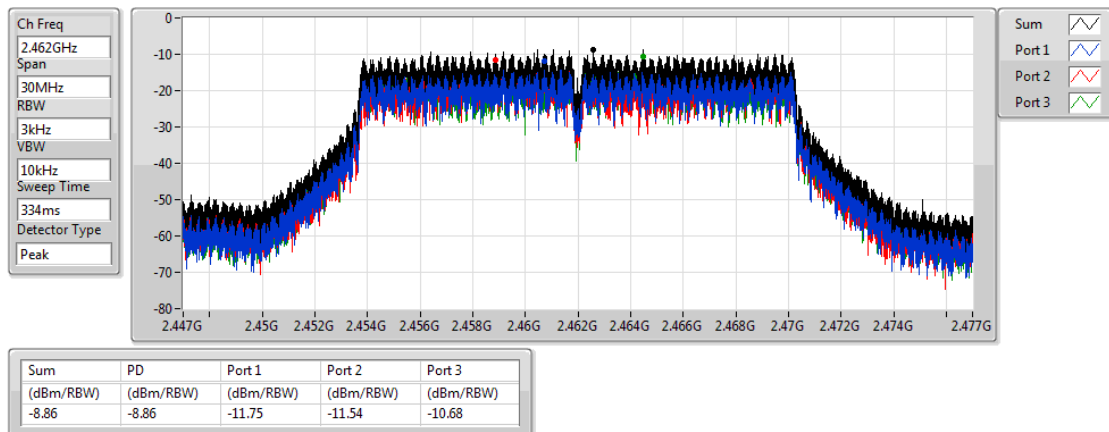
2437MHz

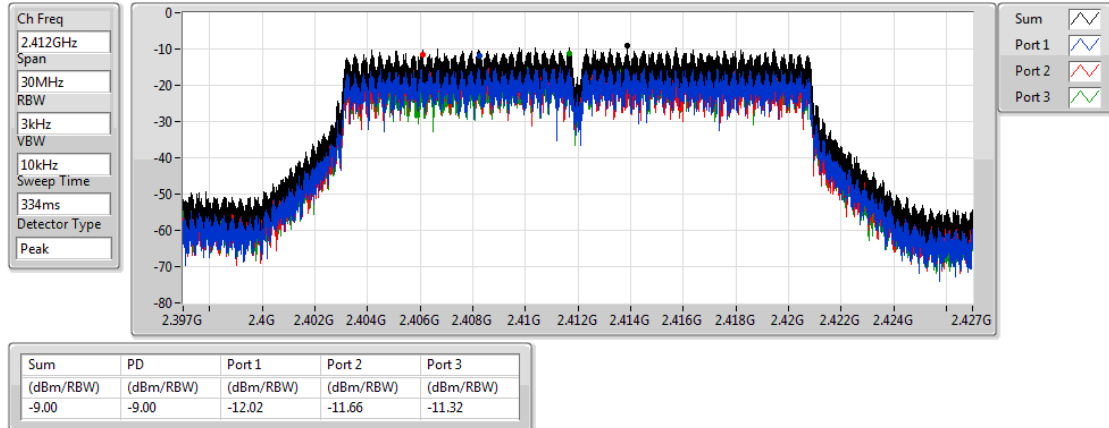
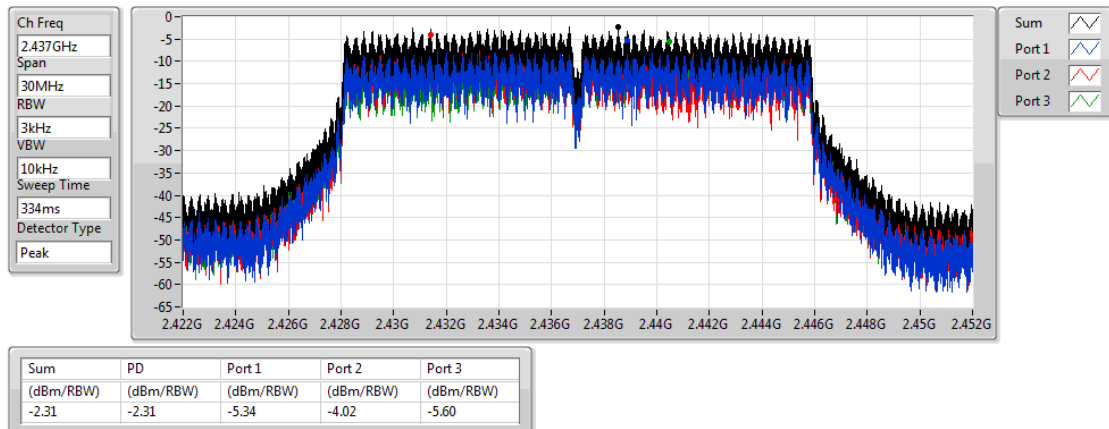
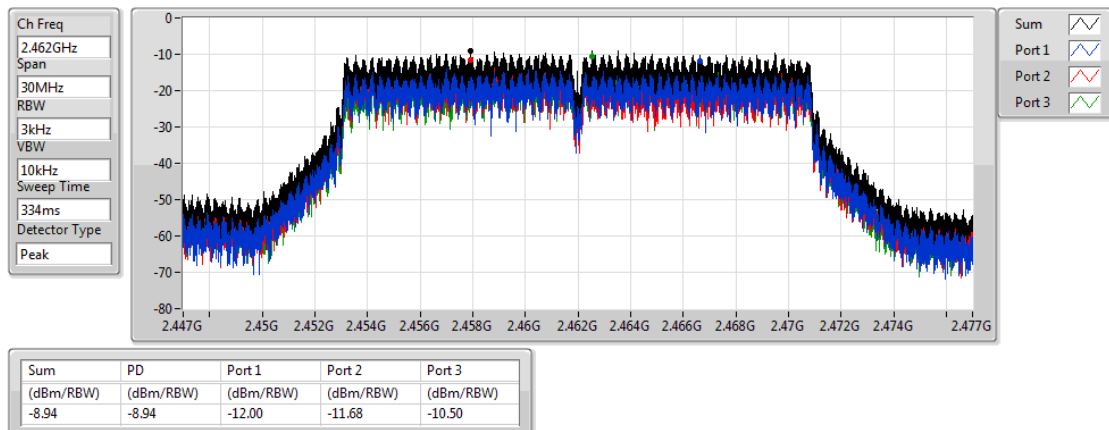


### 802.11g\_(6Mbps)\_3TX

PSD

2462MHz

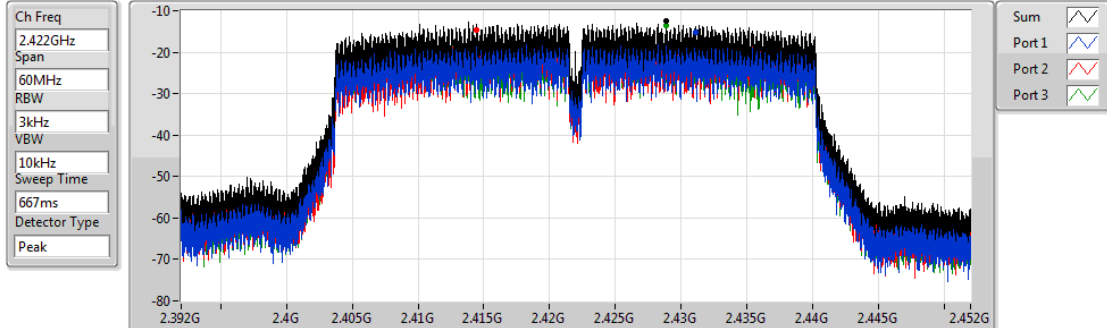


**802.11ac VHT20\_Nss1,(MCS0)\_3TX**
**PSD**
**2412MHz**

**802.11ac VHT20\_Nss1,(MCS0)\_3TX**
**PSD**
**2437MHz**

**802.11ac VHT20\_Nss1,(MCS0)\_3TX**
**PSD**
**2462MHz**


### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

2422MHz

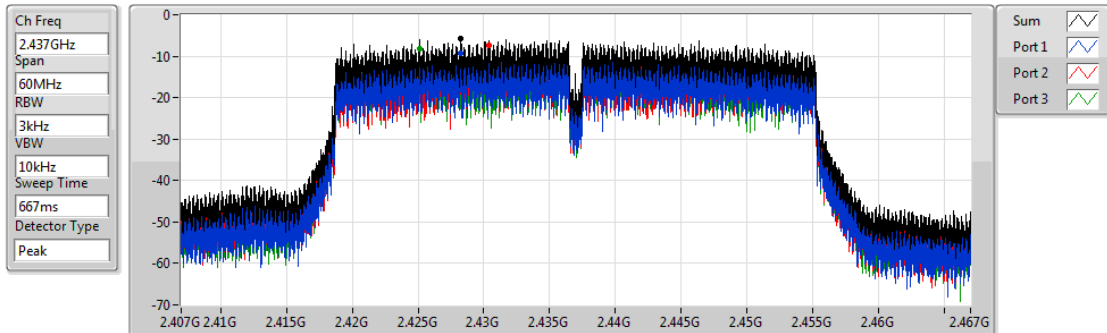


| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -12.50   | -12.50   | -15.18   | -14.52   | -13.66   |

### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

2437MHz

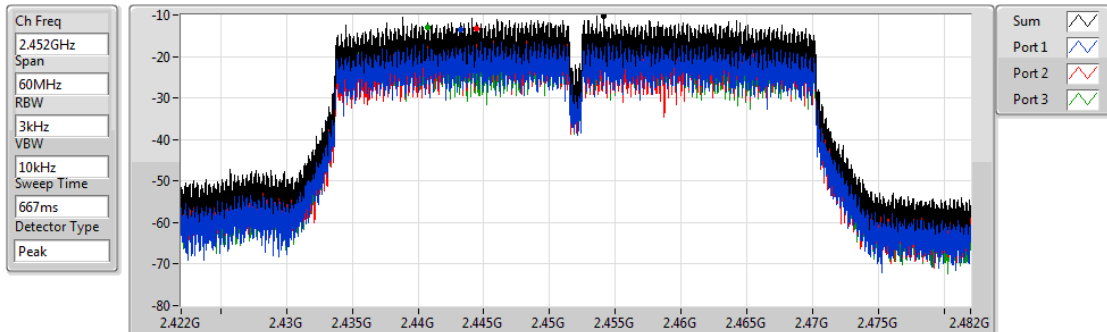


| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -5.67    | -5.67    | -9.32    | -7.46    | -8.26    |

### 802.11ac VHT40\_Nss1,(MCS0)\_3TX

PSD

2452MHz



| Sum      | PD       | Port 1   | Port 2   | Port 3   |
|----------|----------|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -10.21   | -10.21   | -13.46   | -13.23   | -13.08   |

**<For Beamforming Mode>**
**Summary**

| Mode                              | PD<br>(dBm/RBW) |
|-----------------------------------|-----------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -2.67           |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -               |
| 2.4-2.4835GHz                     | -6.44           |

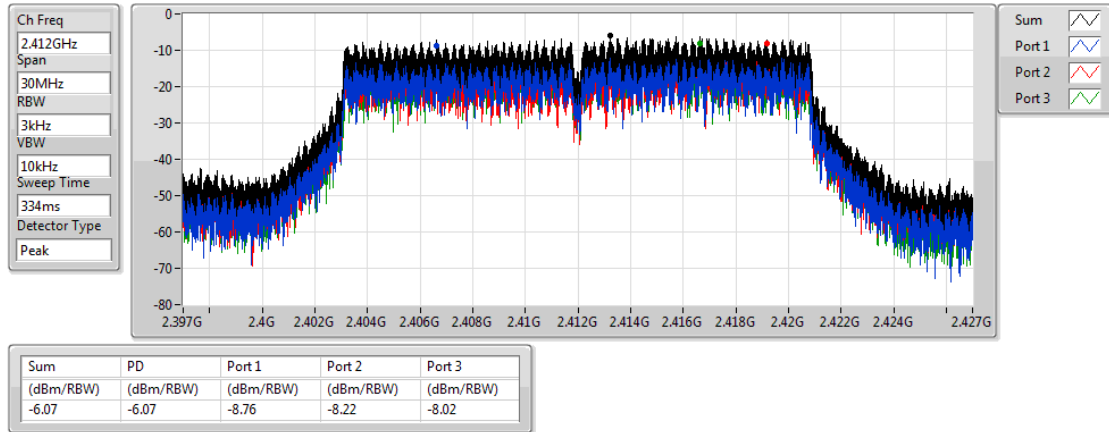
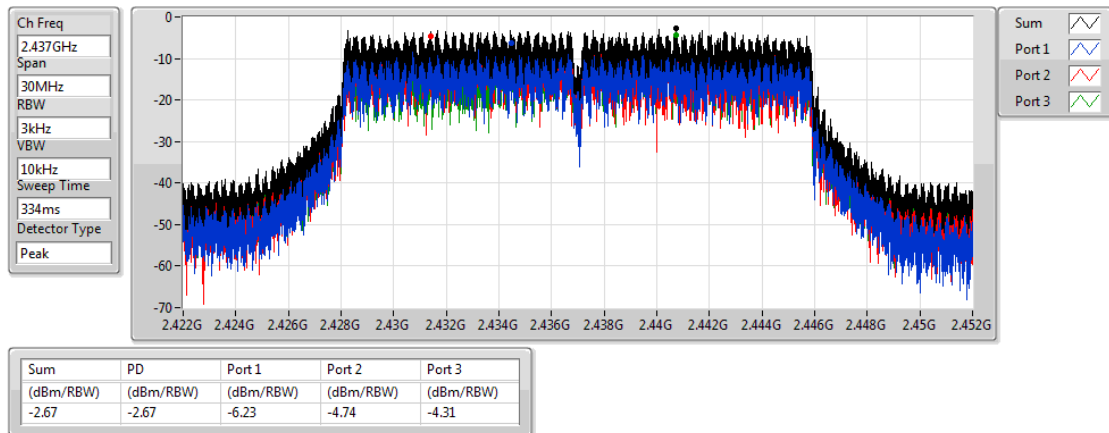
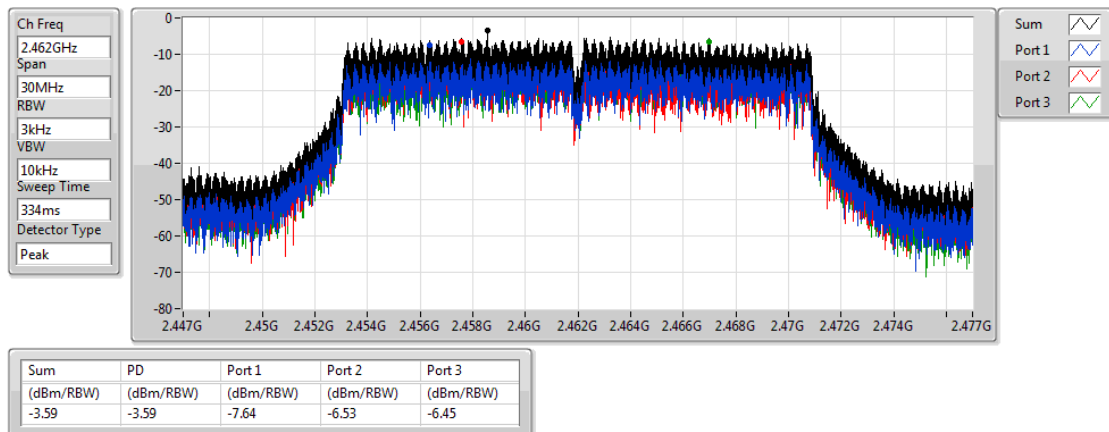
RBW=3kHz.

**Result**

| Mode                              | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | Port 2<br>(dBm/RBW) | Port 3<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|-----------------------------------|--------|-------------|---------------------|---------------------|---------------------|-----------------|-----------------------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2412MHz                           | Pass   | 5.20        | -8.76               | -8.22               | -8.02               | -6.07           | 8.00                  |
| 2437MHz                           | Pass   | 5.20        | -6.23               | -4.74               | -4.31               | -2.67           | 8.00                  |
| 2462MHz                           | Pass   | 5.20        | -7.64               | -6.53               | -6.45               | -3.59           | 8.00                  |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -                   | -                   | -                   | -               | -                     |
| 2422MHz                           | Pass   | 5.20        | -12.19              | -11.66              | -11.60              | -10.43          | 8.00                  |
| 2437MHz                           | Pass   | 5.20        | -10.14              | -8.36               | -8.80               | -6.44           | 8.00                  |
| 2452MHz                           | Pass   | 5.20        | -14.73              | -13.29              | -13.81              | -11.91          | 8.00                  |

**DG** = Directional Gain; RBW=3kHz;

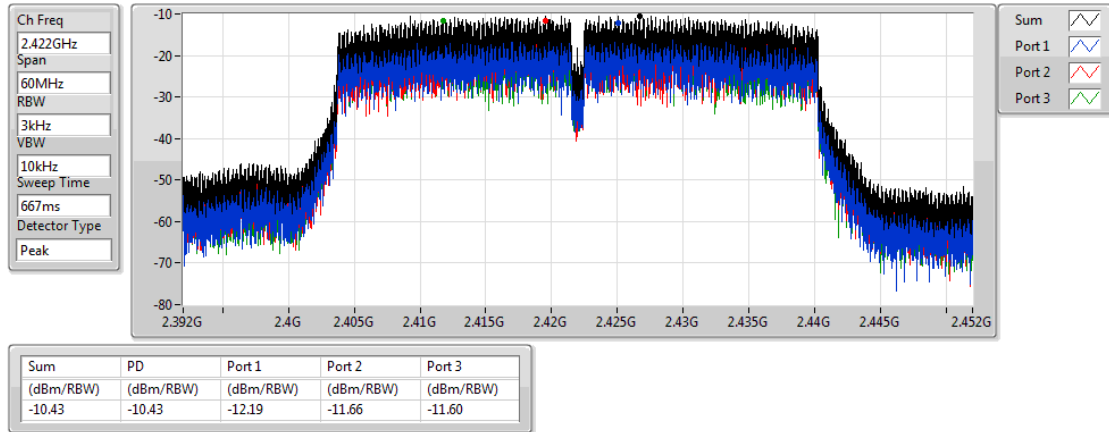
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2412MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2437MHz**

**802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX**
**PSD**
**2462MHz**


### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

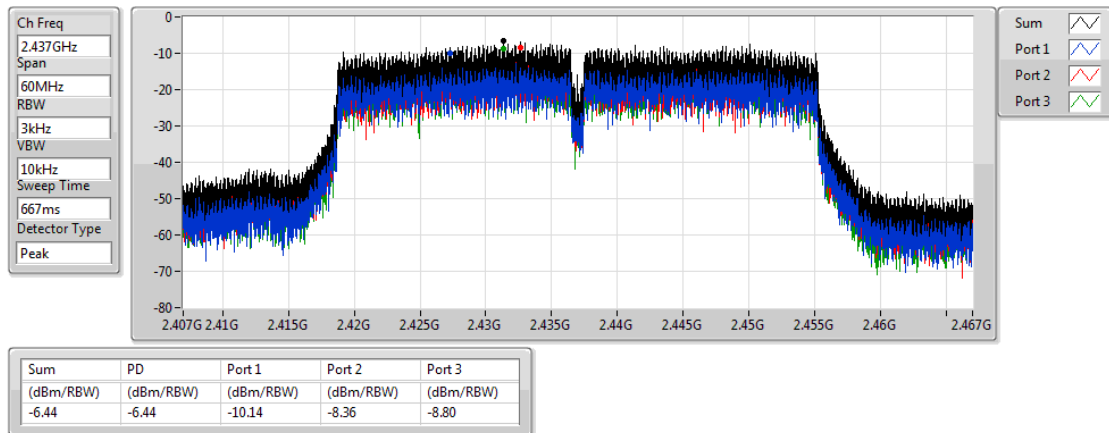
2422MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

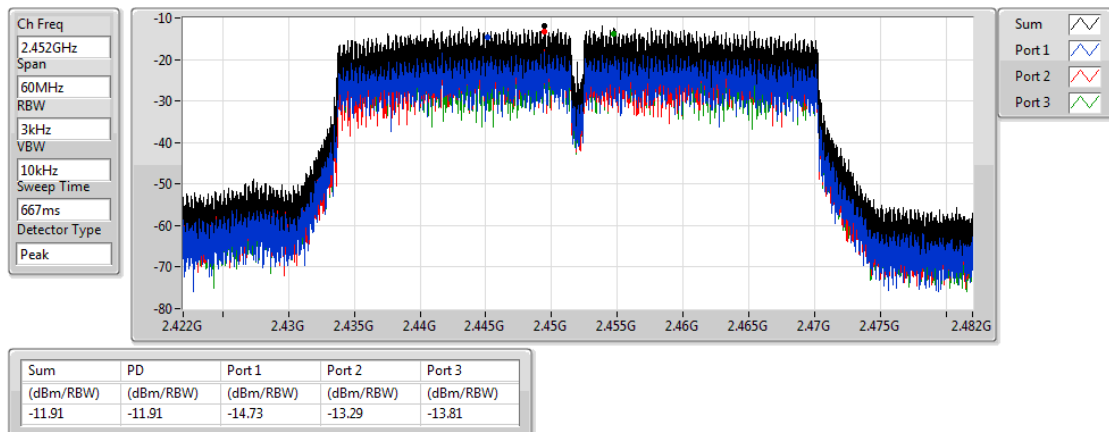
2437MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

PSD

2452MHz



**For Radio 3:**  
**For Set 1 antennas / 1TX:**  
**Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -3.49           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -3.89           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -4.72           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -10.65          |

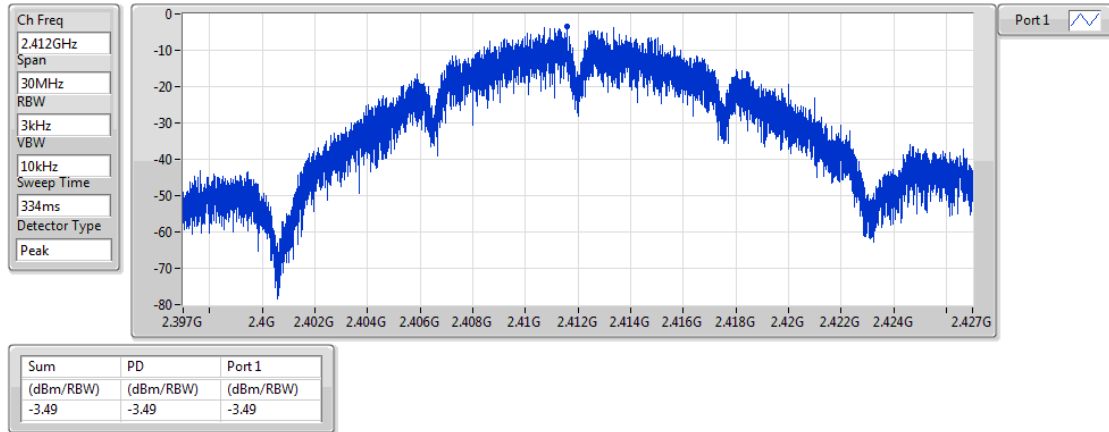
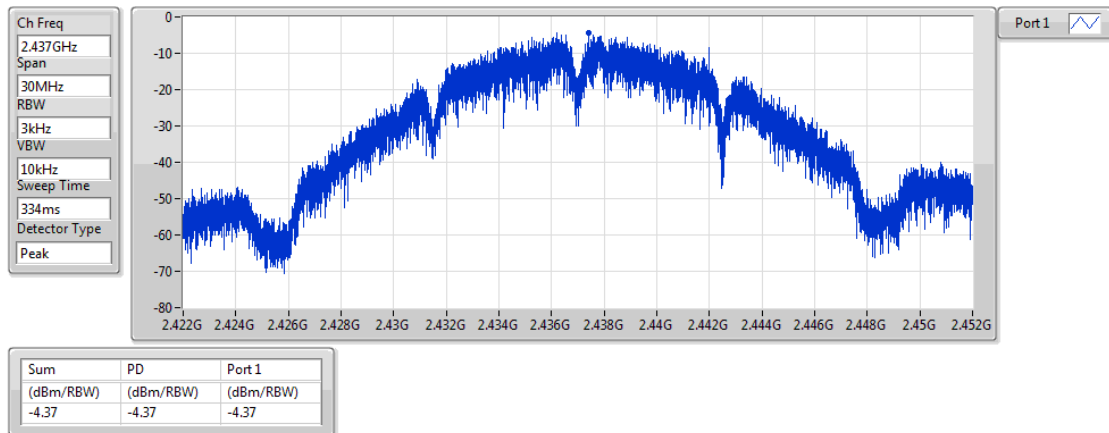
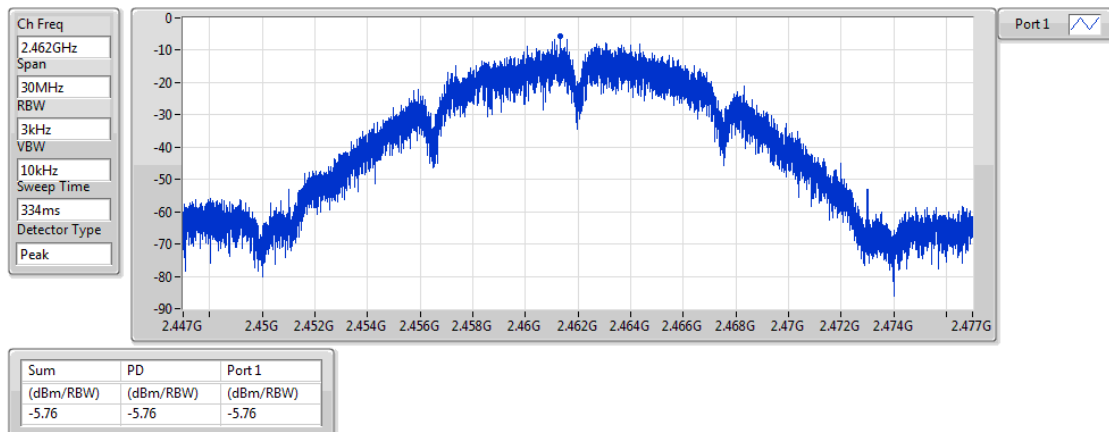
RBW=3kHz.

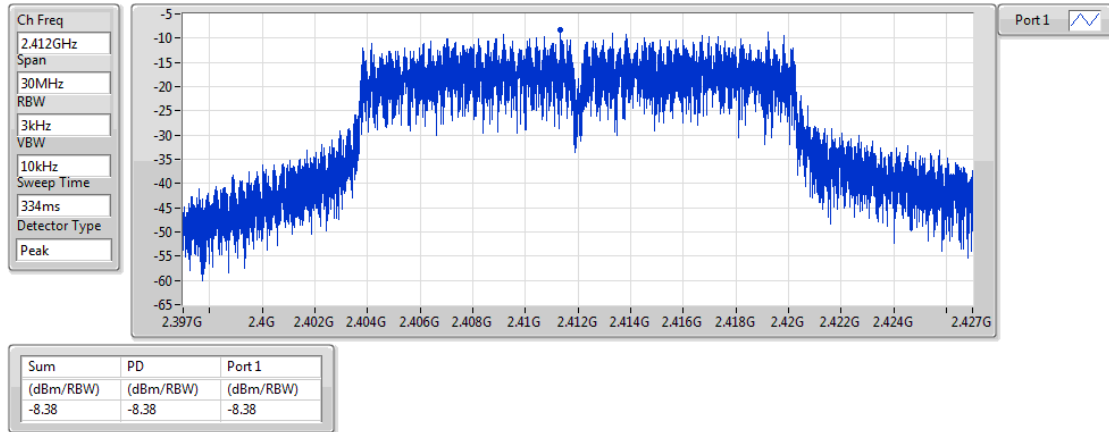
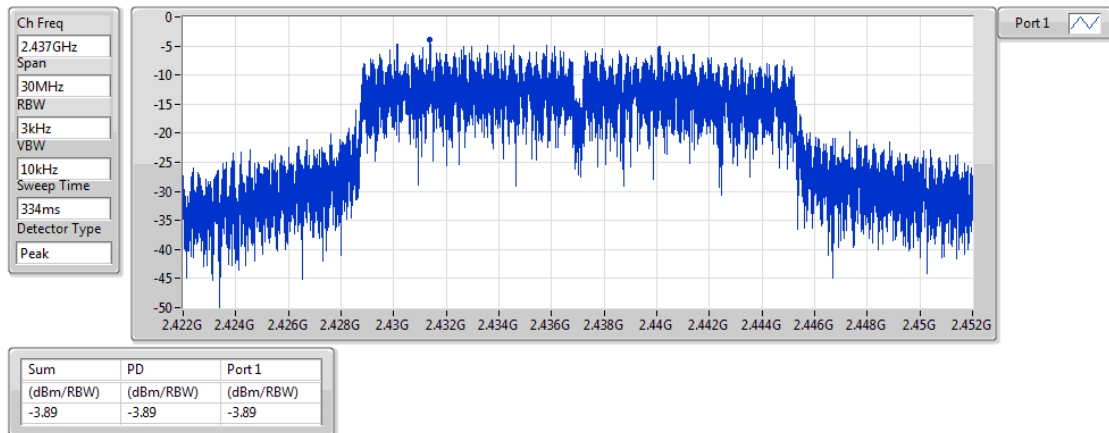
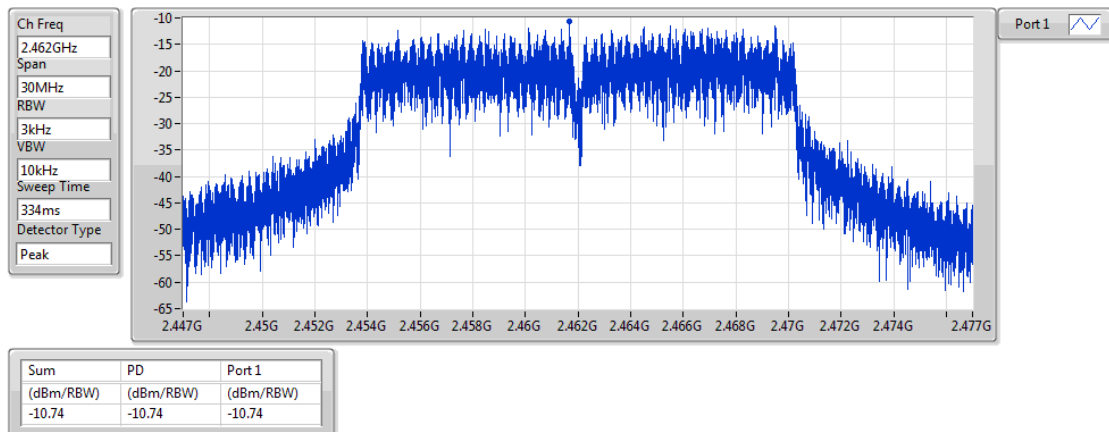
**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.70        | -3.49               | -3.49           | 8.00                  |
| 2437MHz                        | Pass   | 3.70        | -4.37               | -4.37           | 8.00                  |
| 2462MHz                        | Pass   | 3.70        | -5.76               | -5.76           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.70        | -8.38               | -8.38           | 8.00                  |
| 2437MHz                        | Pass   | 3.70        | -3.89               | -3.89           | 8.00                  |
| 2462MHz                        | Pass   | 3.70        | -10.74              | -10.74          | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.70        | -8.53               | -8.53           | 8.00                  |
| 2437MHz                        | Pass   | 3.70        | -4.72               | -4.72           | 8.00                  |
| 2462MHz                        | Pass   | 3.70        | -10.75              | -10.75          | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 3.70        | -13.36              | -13.36          | 8.00                  |
| 2437MHz                        | Pass   | 3.70        | -10.65              | -10.65          | 8.00                  |
| 2452MHz                        | Pass   | 3.70        | -15.70              | -15.70          | 8.00                  |

DG = Directional Gain; RBW=3kHz;

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

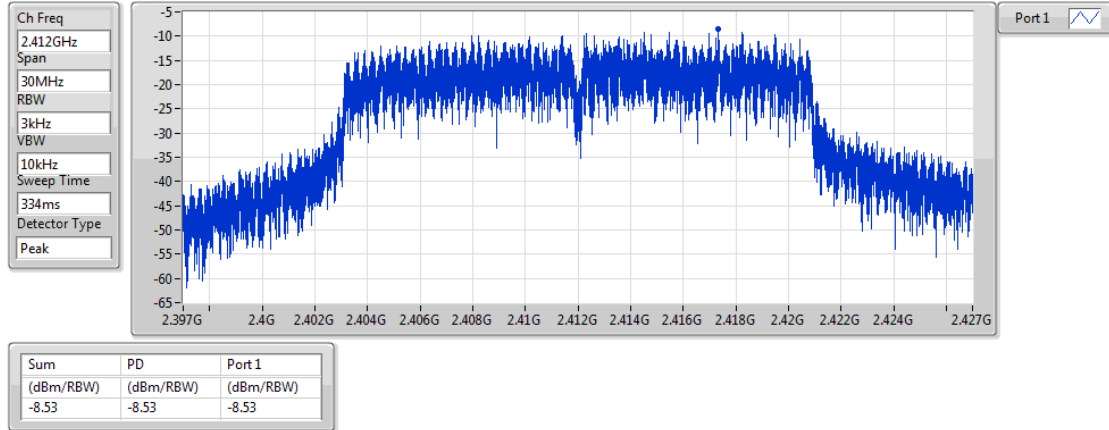
**802.11b\_(1Mbps)\_1TX**
**PSD**
**2412MHz**

**802.11b\_(1Mbps)\_1TX**
**PSD**
**2437MHz**

**802.11b\_(1Mbps)\_1TX**
**PSD**
**2462MHz**


**802.11g\_(6Mbps)\_1TX**
**PSD**
**2412MHz**

**802.11g\_(6Mbps)\_1TX**
**PSD**
**2437MHz**

**802.11g\_(6Mbps)\_1TX**
**PSD**
**2462MHz**


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

PSD

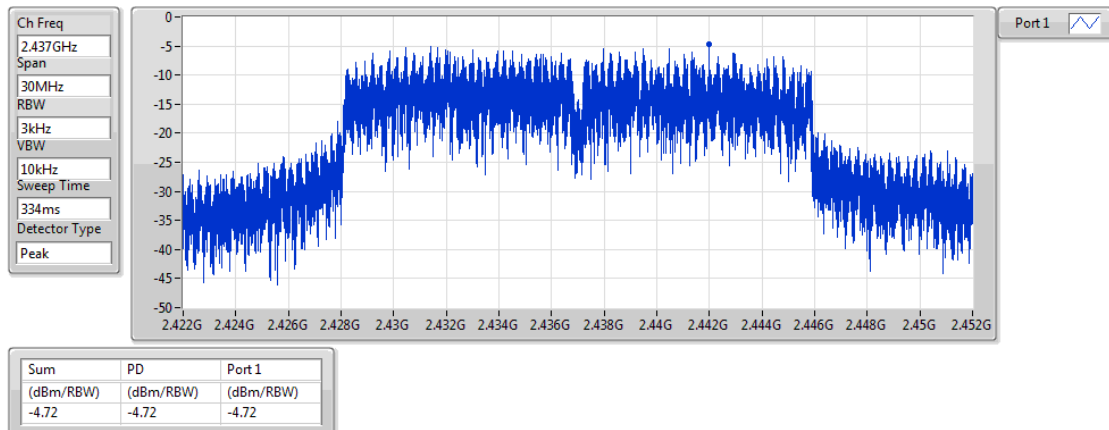
2412MHz



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

PSD

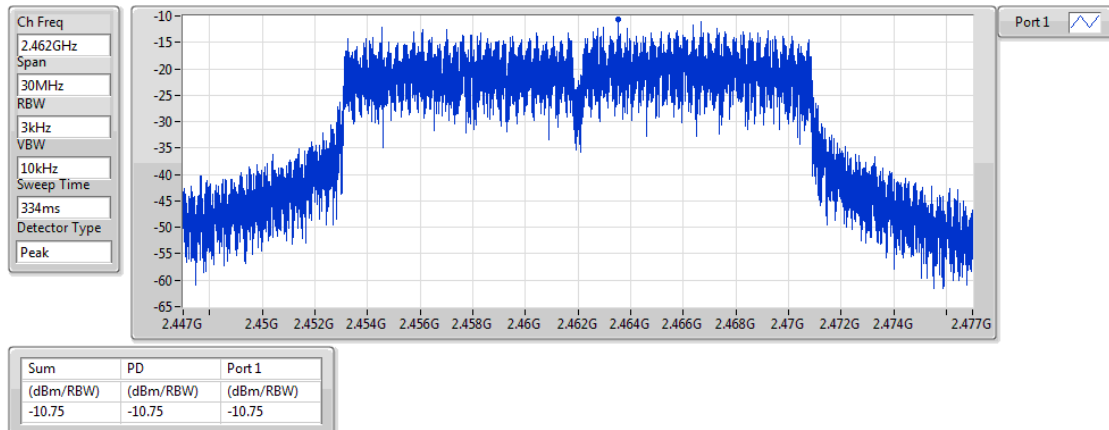
2437MHz



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

PSD

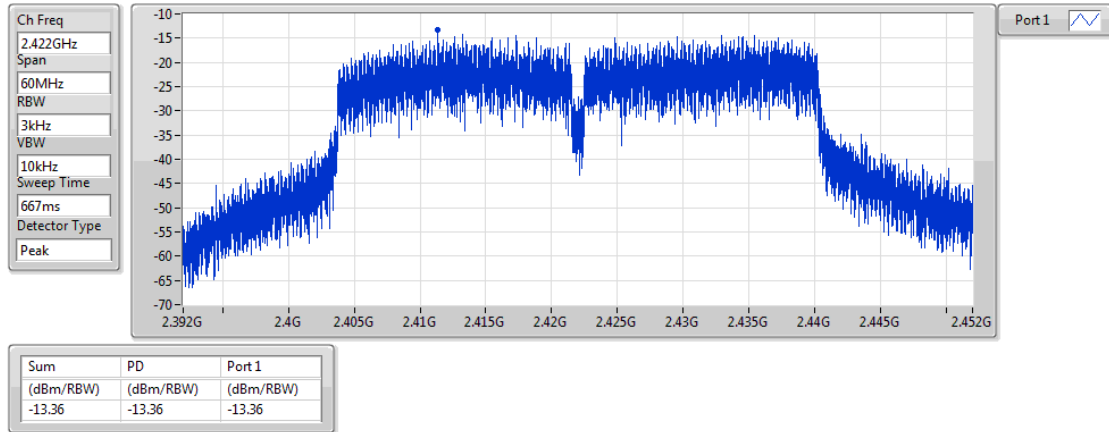
2462MHz



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

PSD

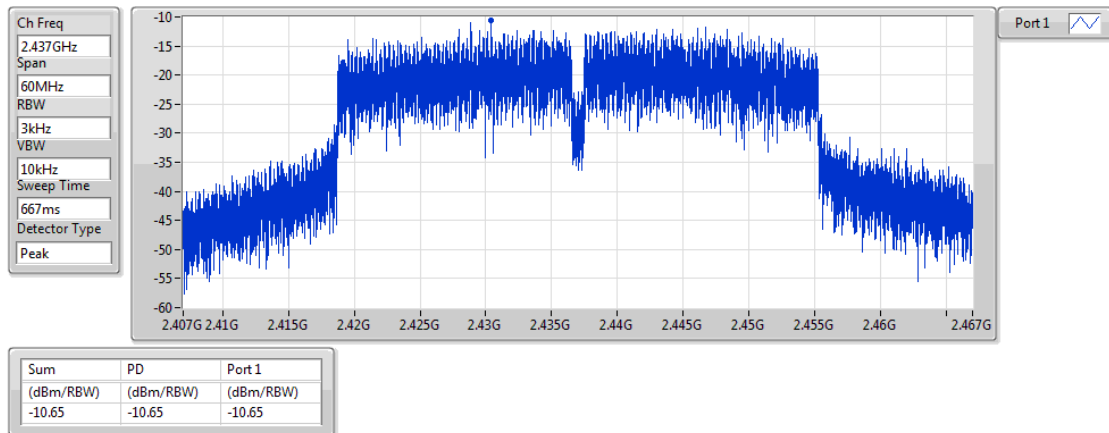
2422MHz



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

PSD

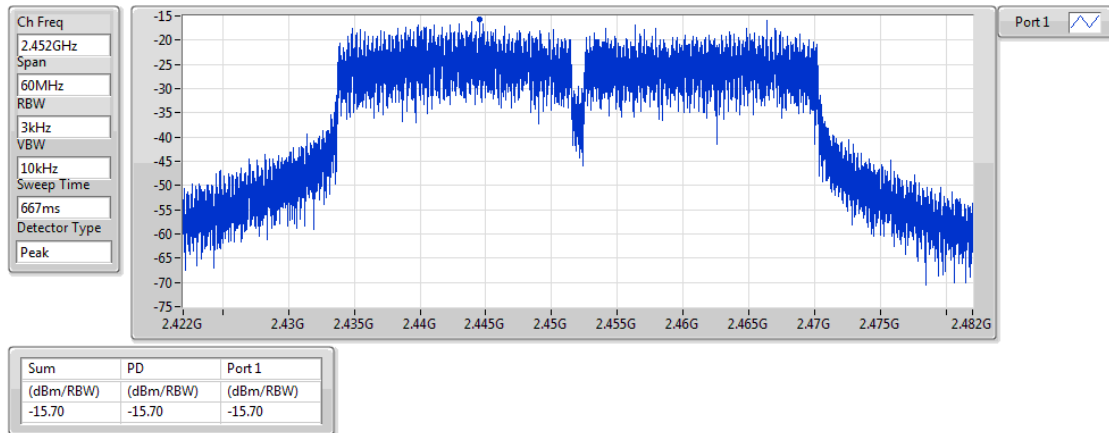
2437MHz



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

PSD

2452MHz



**For Set 3 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -1.18           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -5.95           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -4.16           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -13.52          |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 10.35       | -1.18               | -1.18           | 3.65                  |
| 2437MHz                        | Pass   | 10.35       | -4.45               | -4.45           | 3.65                  |
| 2462MHz                        | Pass   | 10.35       | -6.56               | -6.56           | 3.65                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 10.35       | -8.82               | -8.82           | 3.65                  |
| 2437MHz                        | Pass   | 10.35       | -5.95               | -5.95           | 3.65                  |
| 2462MHz                        | Pass   | 10.35       | -11.50              | -11.50          | 3.65                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 10.35       | -8.77               | -8.77           | 3.65                  |
| 2437MHz                        | Pass   | 10.35       | -4.16               | -4.16           | 3.65                  |
| 2462MHz                        | Pass   | 10.35       | -13.02              | -13.02          | 3.65                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 10.35       | -16.46              | -16.46          | 3.65                  |
| 2437MHz                        | Pass   | 10.35       | -13.52              | -13.52          | 3.65                  |
| 2452MHz                        | Pass   | 10.35       | -16.11              | -16.11          | 3.65                  |

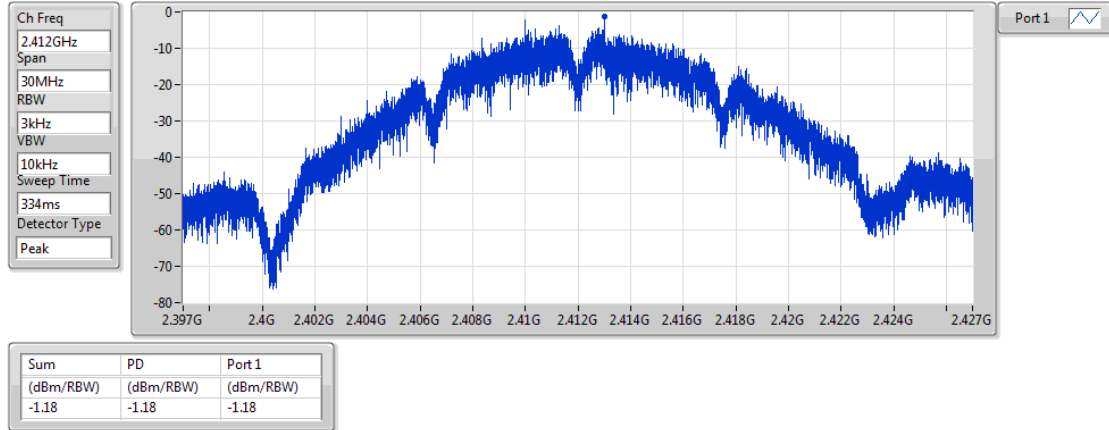
DG = Directional Gain; RBW=3kHz;

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

## 802.11b\_(1Mbps)\_1TX

PSD

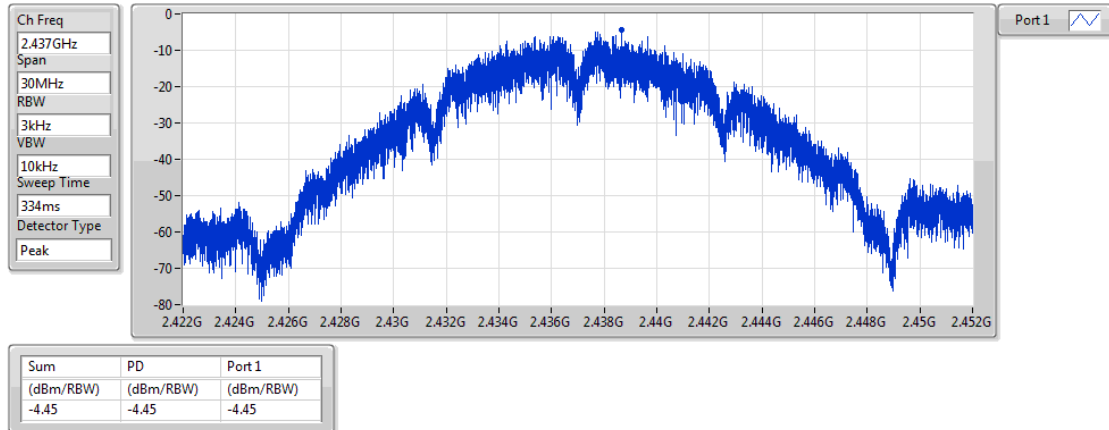
2412MHz



## 802.11b\_(1Mbps)\_1TX

PSD

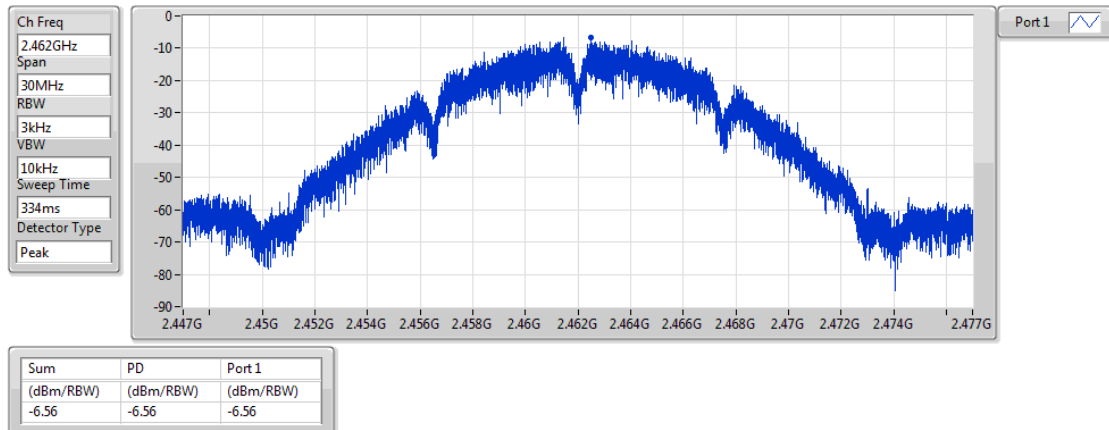
2437MHz



## 802.11b\_(1Mbps)\_1TX

PSD

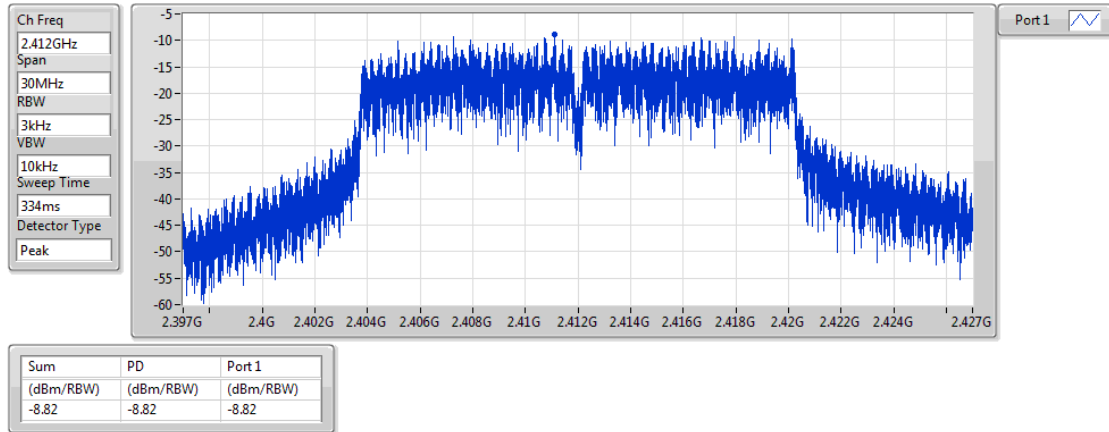
2462MHz



### 802.11g\_(6Mbps)\_1TX

PSD

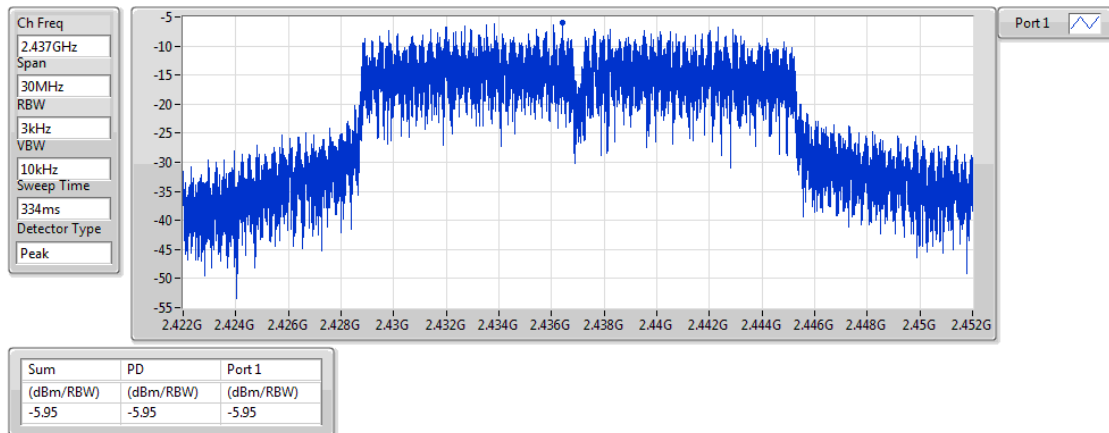
2412MHz



### 802.11g\_(6Mbps)\_1TX

PSD

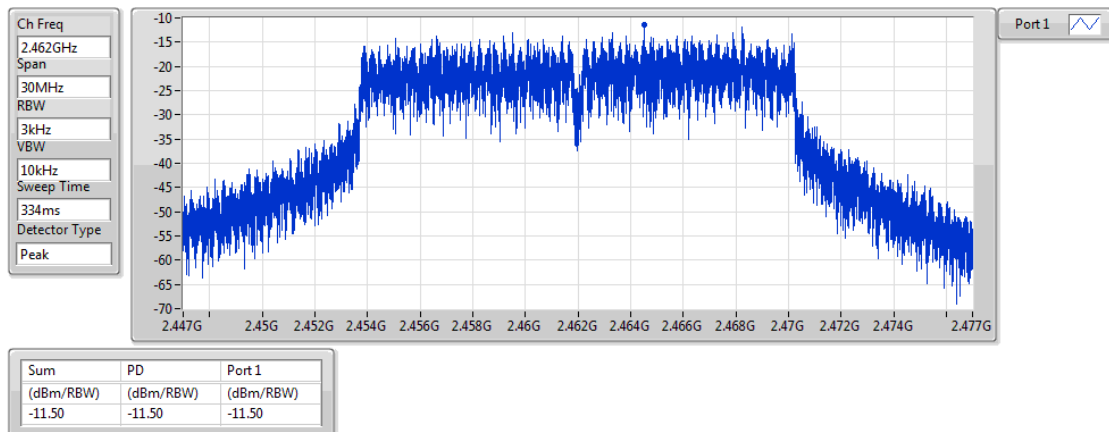
2437MHz



### 802.11g\_(6Mbps)\_1TX

PSD

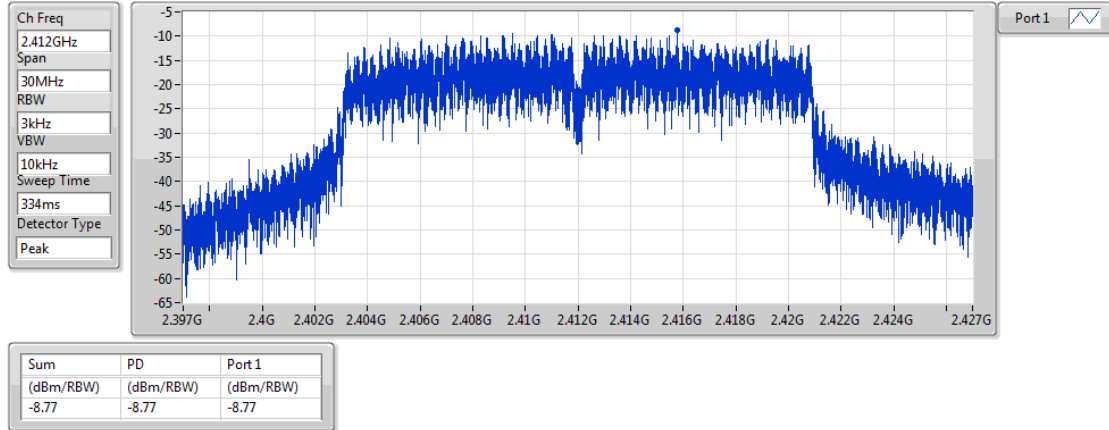
2462MHz



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

PSD

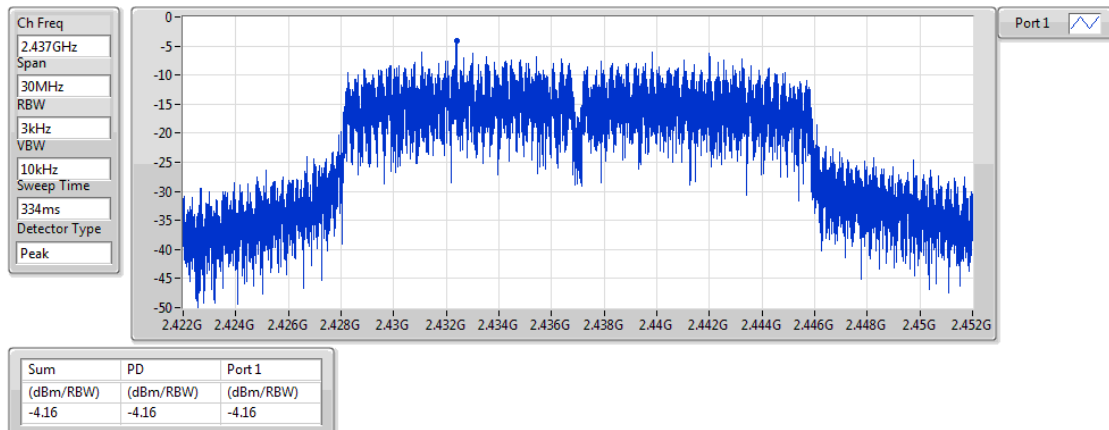
2412MHz



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

PSD

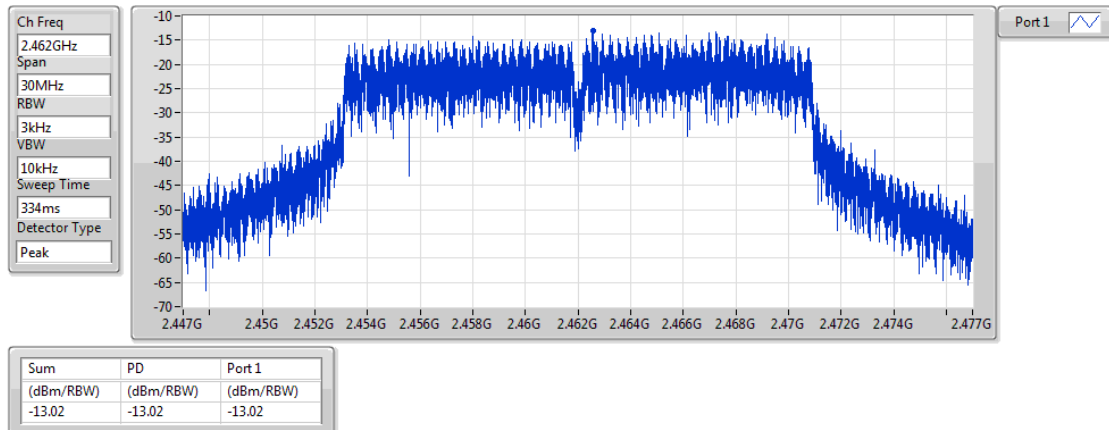
2437MHz



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

PSD

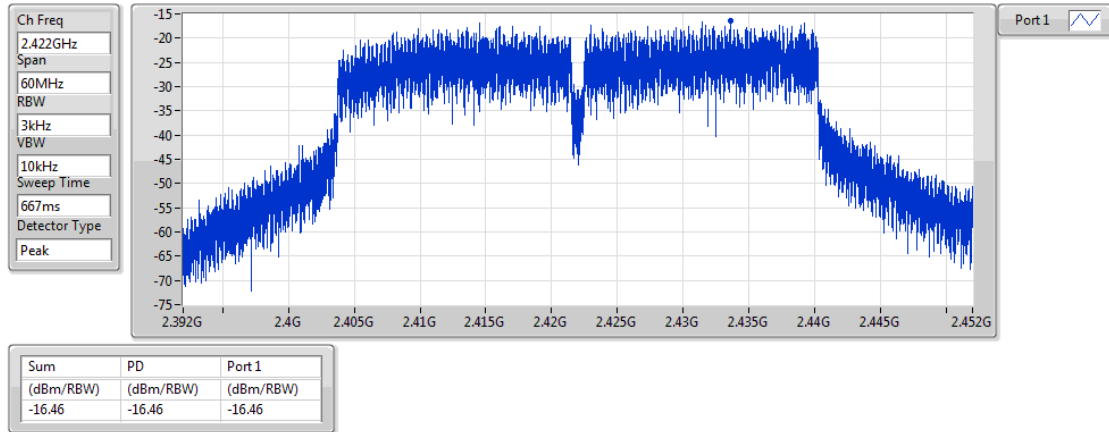
2462MHz



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

PSD

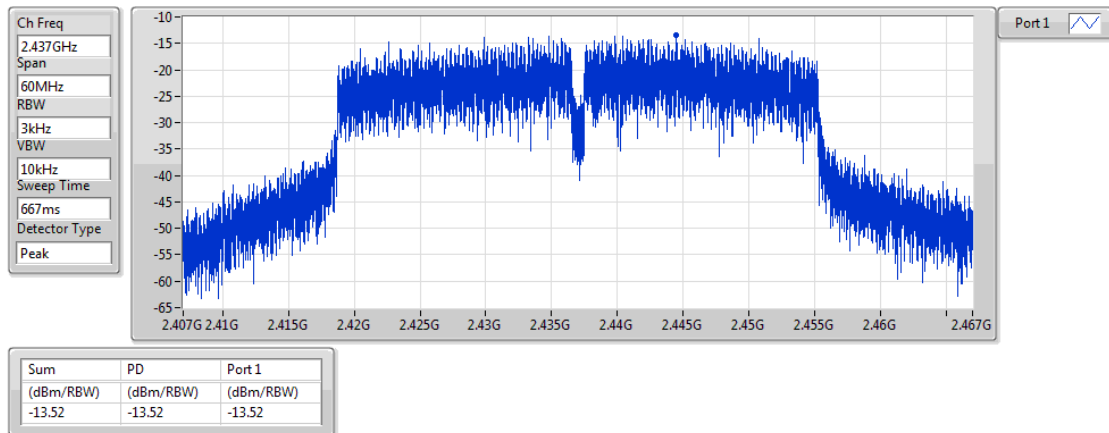
2422MHz



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

PSD

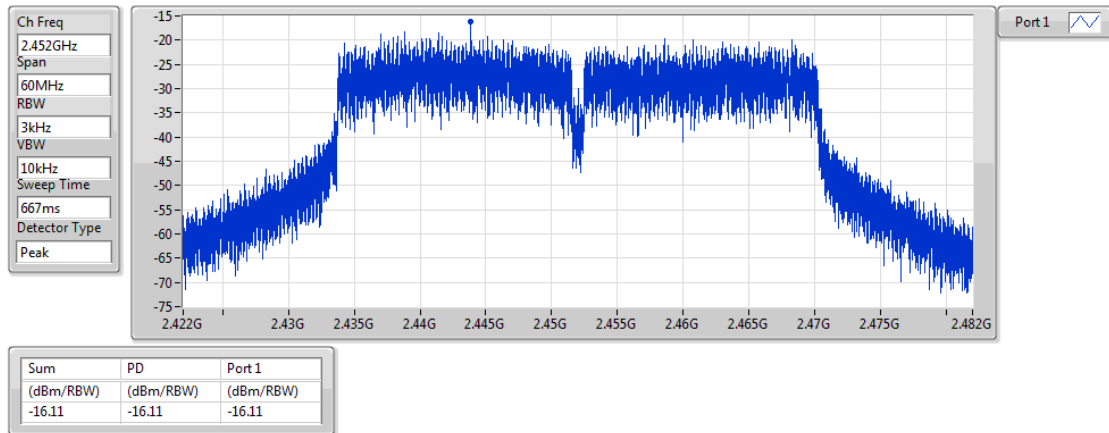
2437MHz



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

PSD

2452MHz



**For Set 4 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -5.59           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -4.79           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -2.79           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -13.10          |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.50        | -5.59               | -5.59           | 8.00                  |
| 2437MHz                        | Pass   | 5.50        | -8.74               | -8.74           | 8.00                  |
| 2462MHz                        | Pass   | 5.50        | -8.43               | -8.43           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.50        | -8.17               | -8.17           | 8.00                  |
| 2437MHz                        | Pass   | 5.50        | -4.79               | -4.79           | 8.00                  |
| 2462MHz                        | Pass   | 5.50        | -11.61              | -11.61          | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 5.50        | -8.28               | -8.28           | 8.00                  |
| 2437MHz                        | Pass   | 5.50        | -2.79               | -2.79           | 8.00                  |
| 2462MHz                        | Pass   | 5.50        | -12.20              | -12.20          | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 5.50        | -15.07              | -15.07          | 8.00                  |
| 2437MHz                        | Pass   | 5.50        | -13.10              | -13.10          | 8.00                  |
| 2452MHz                        | Pass   | 5.50        | -17.59              | -17.59          | 8.00                  |

DG = Directional Gain; RBW=3kHz;

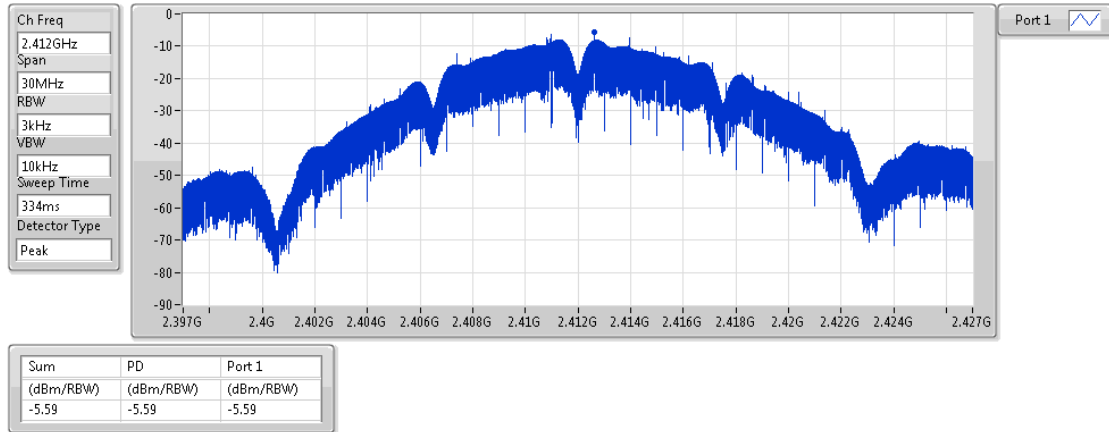
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;



802.11b\_(1Mbps)\_1TX

PSD

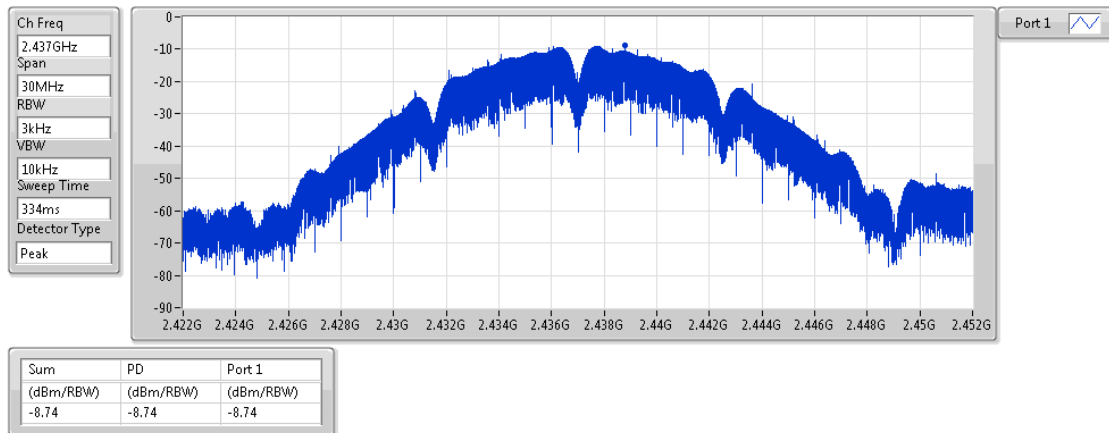
2412MHz



802.11b\_(1Mbps)\_1TX

PSD

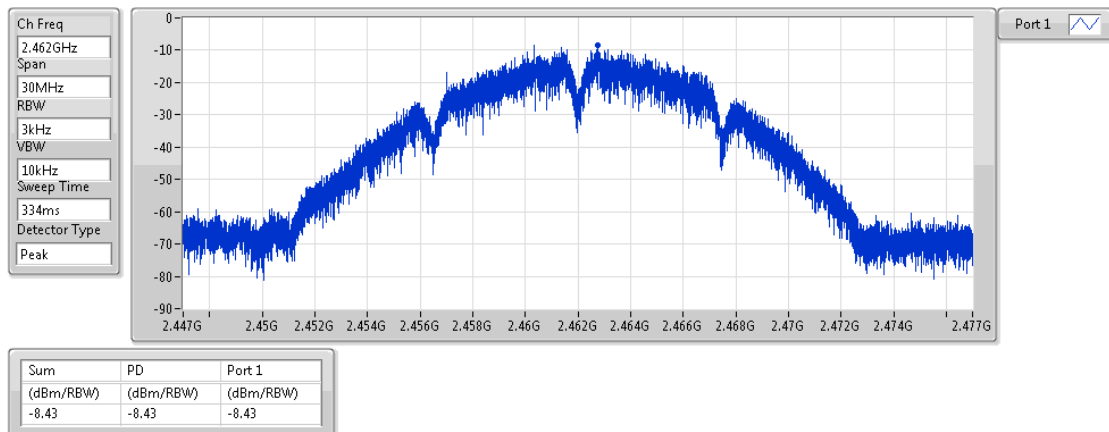
2437MHz



802.11b\_(1Mbps)\_1TX

PSD

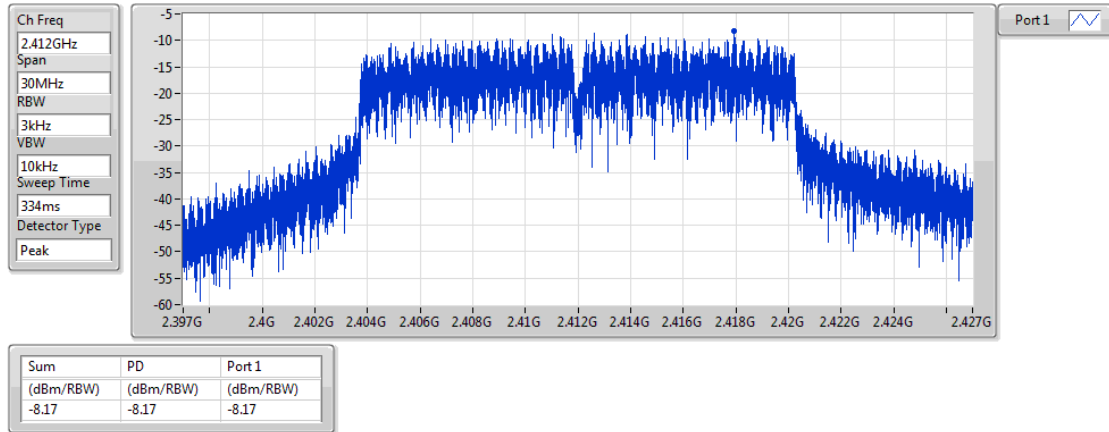
2462MHz



### 802.11g\_(6Mbps)\_1TX

PSD

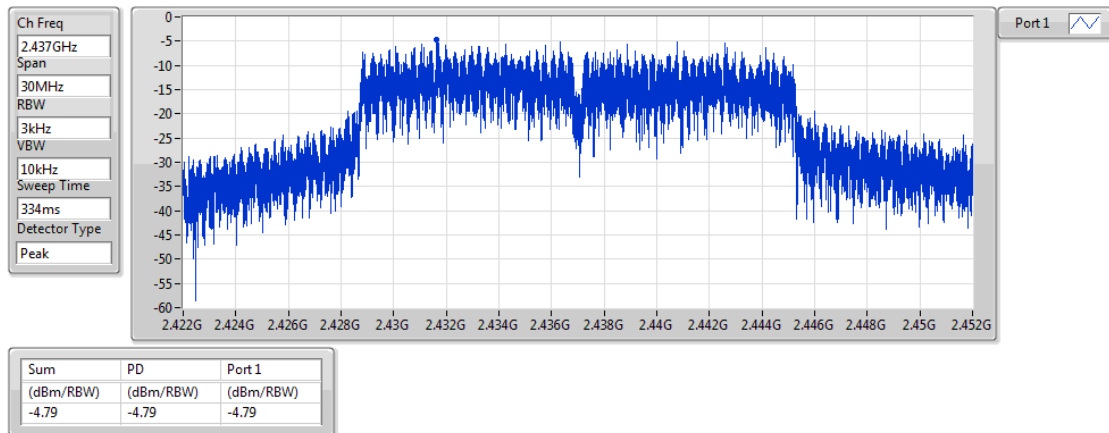
2412MHz



### 802.11g\_(6Mbps)\_1TX

PSD

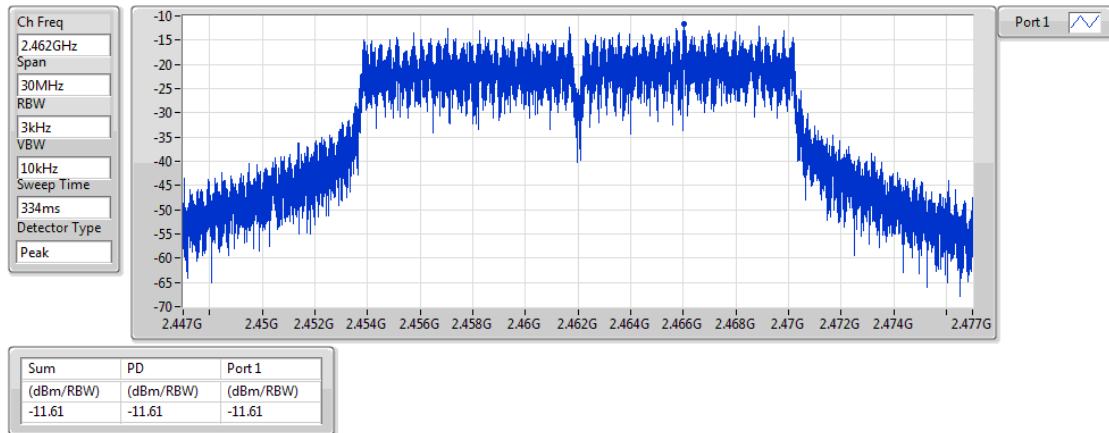
2437MHz



### 802.11g\_(6Mbps)\_1TX

PSD

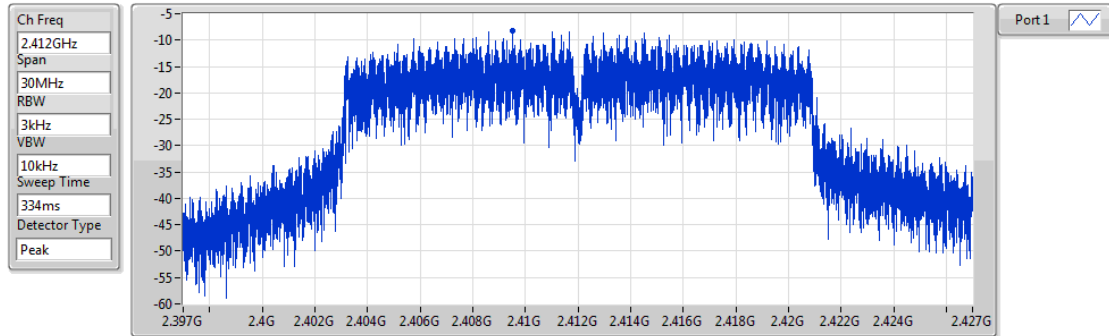
2462MHz



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

PSD

2412MHz

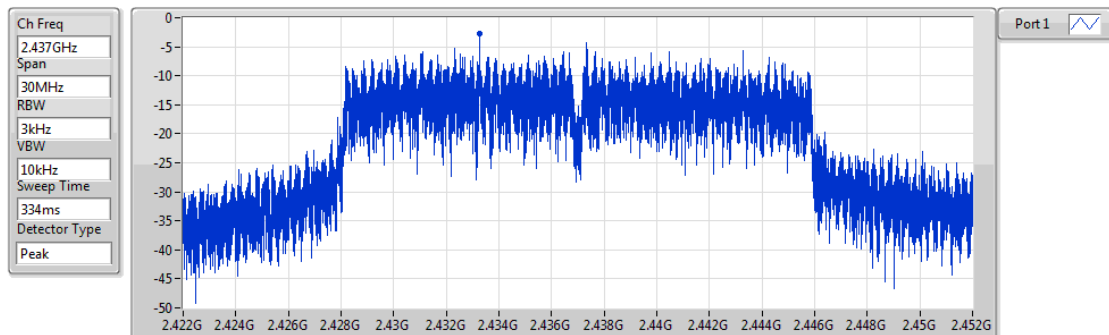


| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -8.28    | -8.28    | -8.28    |

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

PSD

2437MHz

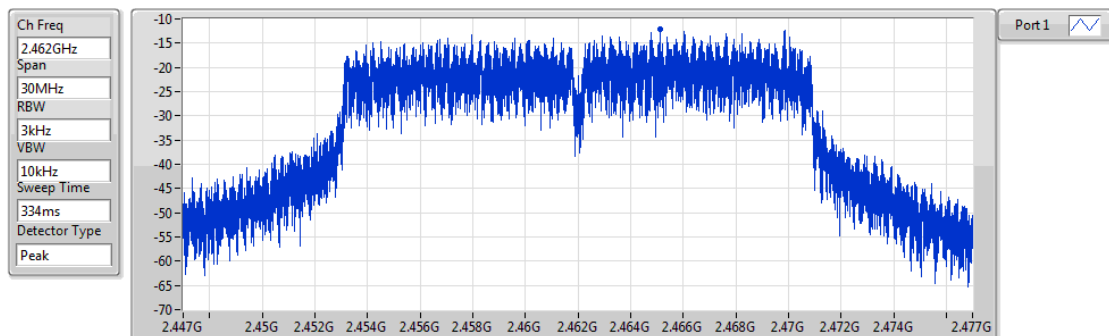


| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -2.79    | -2.79    | -2.79    |

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

PSD

2462MHz

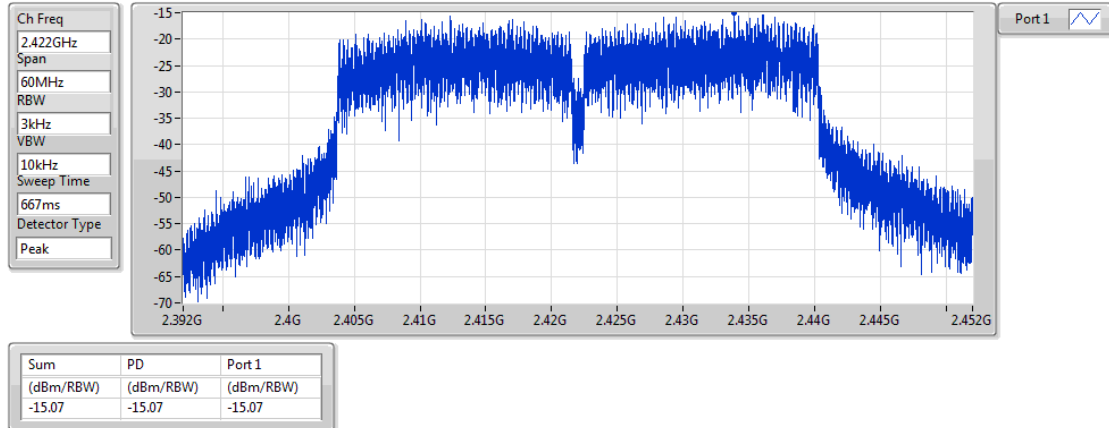


| Sum      | PD       | Port 1   |
|----------|----------|----------|
| (dBm/Hz) | (dBm/Hz) | (dBm/Hz) |
| -12.20   | -12.20   | -12.20   |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

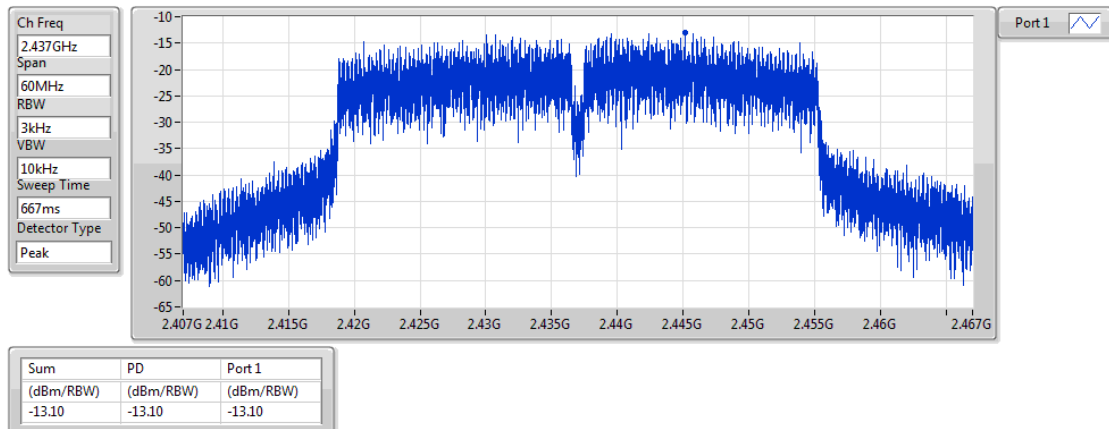
2422MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

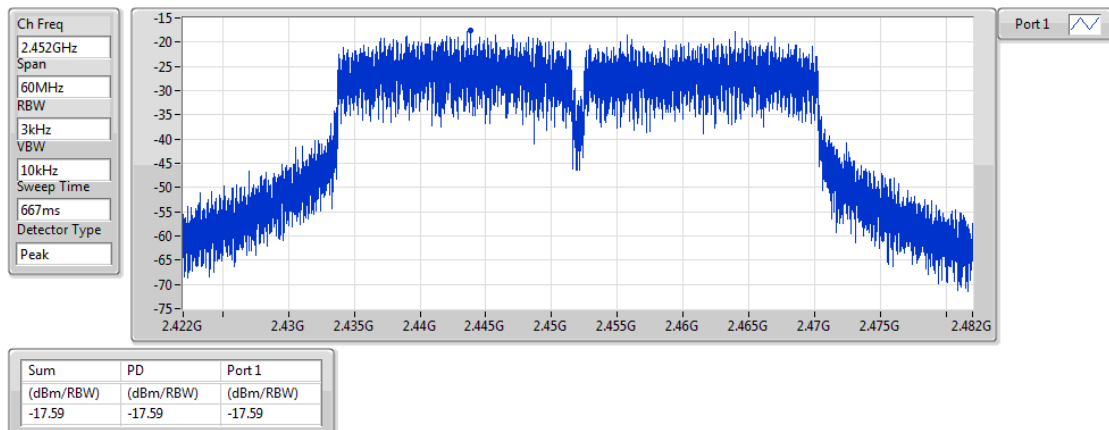
2437MHz



802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

2452MHz



**For Set 5 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -1.37           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -4.75           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -5.36           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -11.28          |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.90        | -1.37               | -1.37           | 8.00                  |
| 2437MHz                        | Pass   | 3.90        | -4.31               | -4.31           | 8.00                  |
| 2462MHz                        | Pass   | 3.90        | -7.22               | -7.22           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.90        | -8.09               | -8.09           | 8.00                  |
| 2437MHz                        | Pass   | 3.90        | -4.75               | -4.75           | 8.00                  |
| 2462MHz                        | Pass   | 3.90        | -11.05              | -11.05          | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 3.90        | -7.72               | -7.72           | 8.00                  |
| 2437MHz                        | Pass   | 3.90        | -5.36               | -5.36           | 8.00                  |
| 2462MHz                        | Pass   | 3.90        | -11.53              | -11.53          | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 3.90        | -13.37              | -13.37          | 8.00                  |
| 2437MHz                        | Pass   | 3.90        | -11.28              | -11.28          | 8.00                  |
| 2452MHz                        | Pass   | 3.90        | -15.69              | -15.69          | 8.00                  |

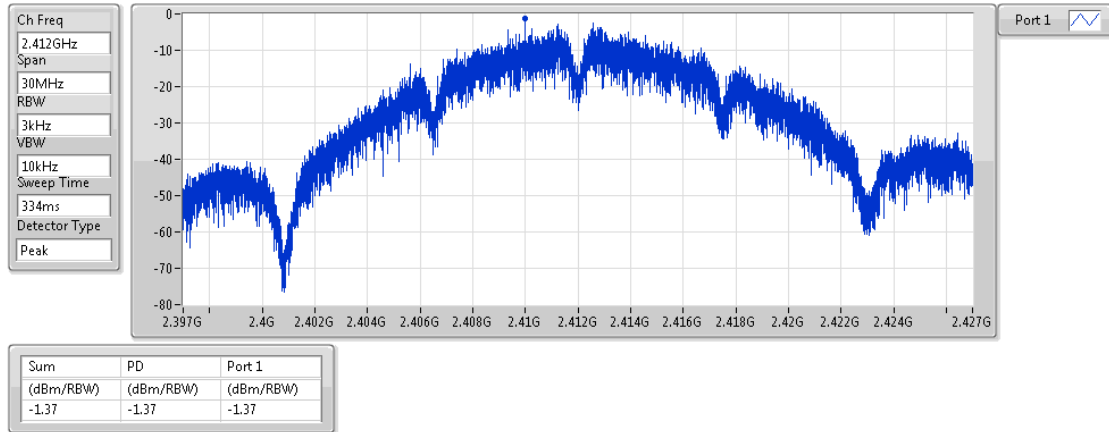
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_1TX

PSD

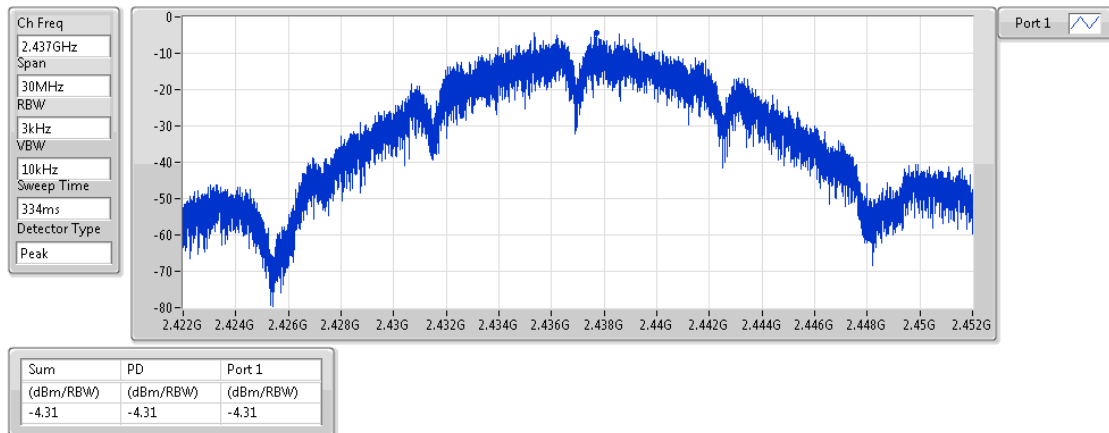
2412MHz



### 802.11b\_(1Mbps)\_1TX

PSD

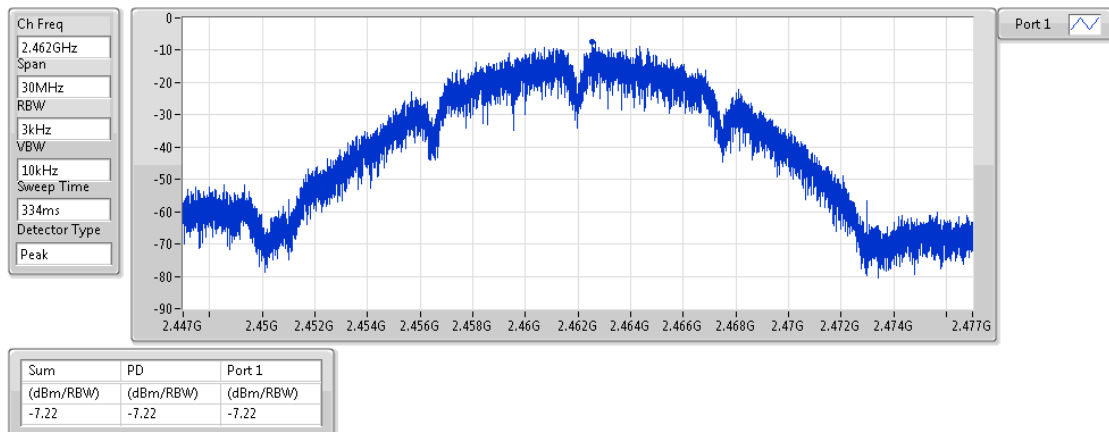
2437MHz



### 802.11b\_(1Mbps)\_1TX

PSD

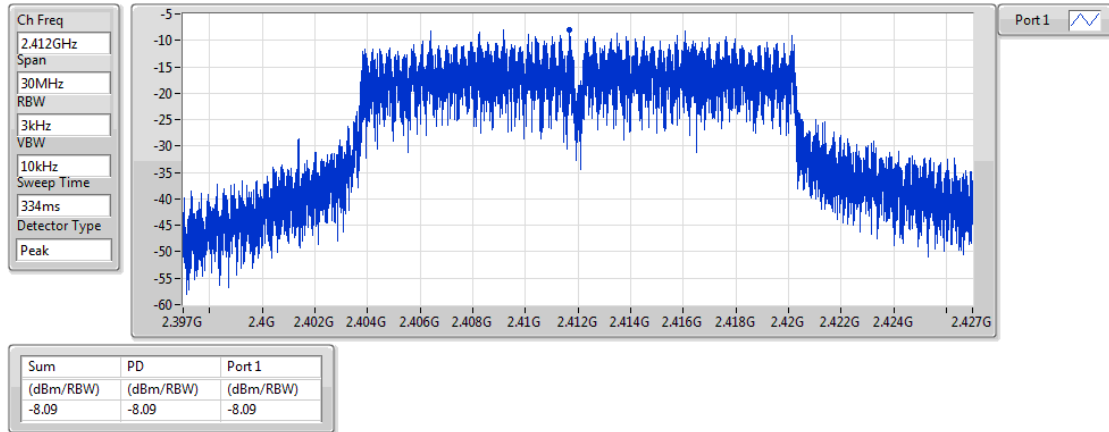
2462MHz



### 802.11g\_(6Mbps)\_1TX

PSD

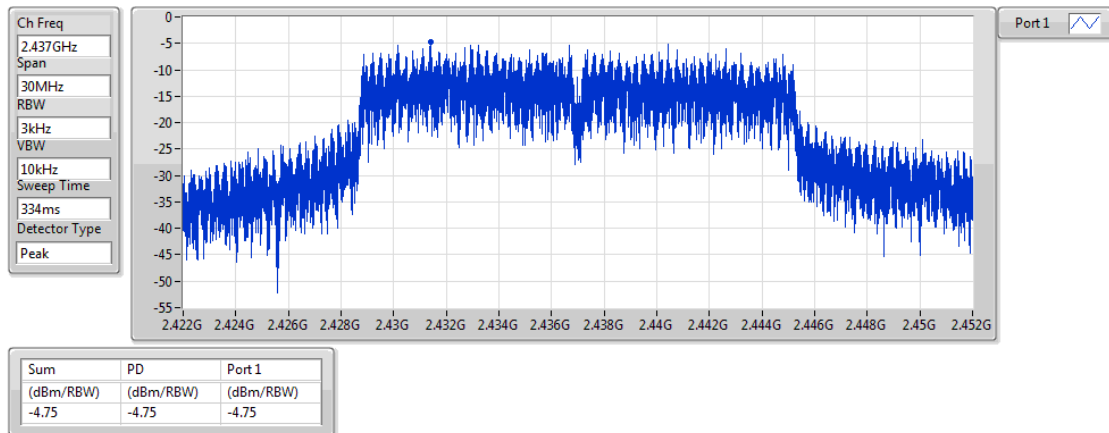
2412MHz



### 802.11g\_(6Mbps)\_1TX

PSD

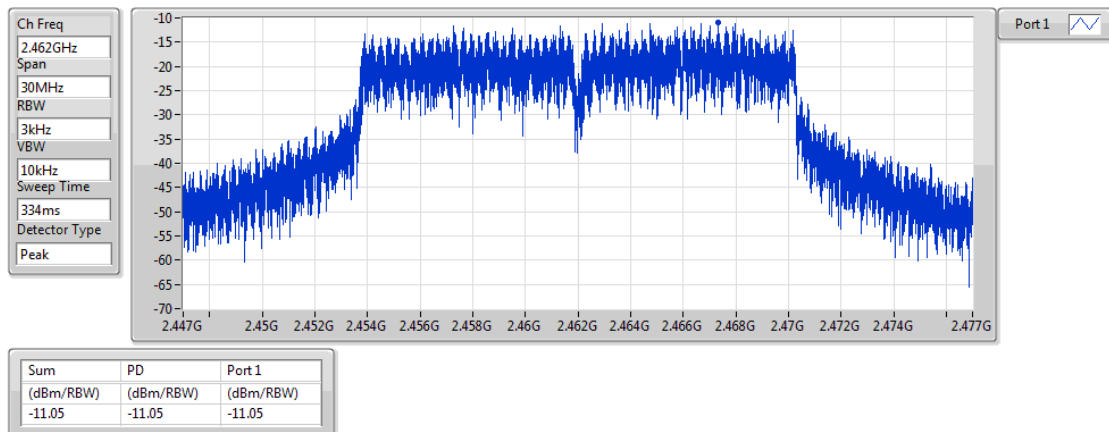
2437MHz



### 802.11g\_(6Mbps)\_1TX

PSD

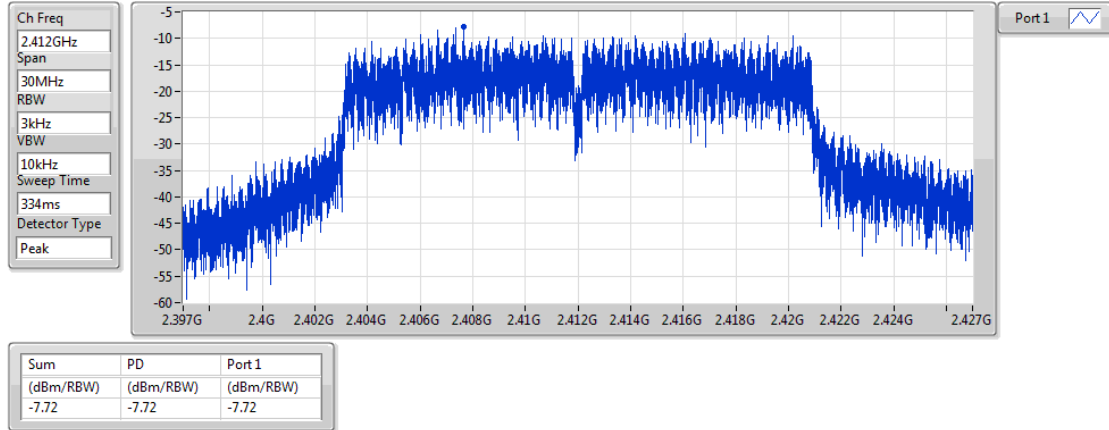
2462MHz



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

PSD

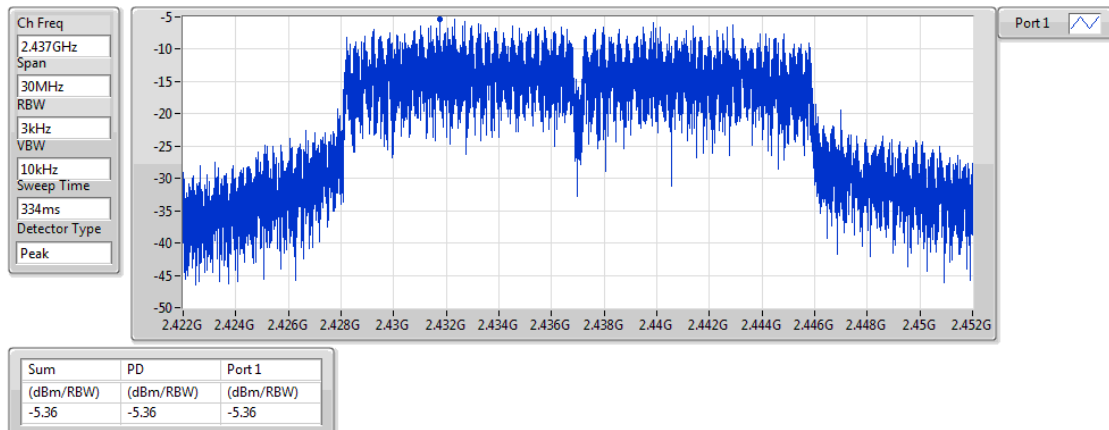
2412MHz



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

PSD

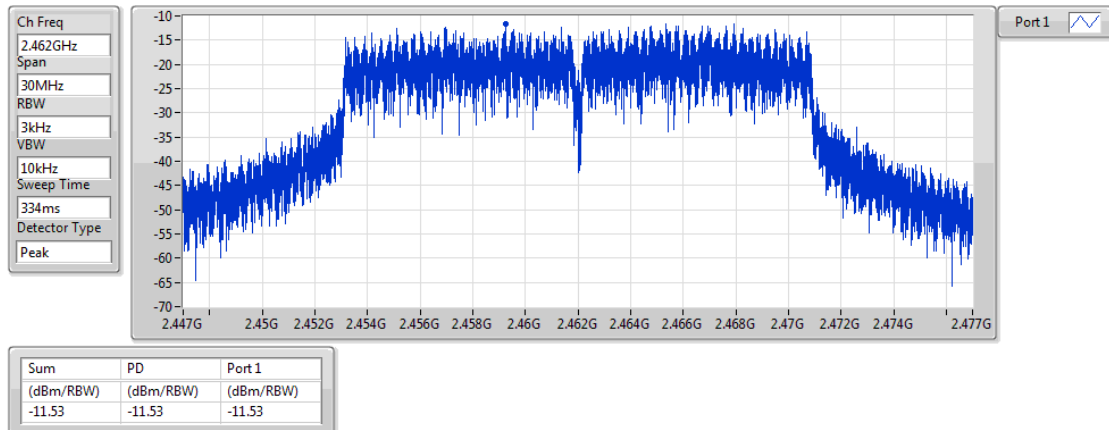
2437MHz



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

PSD

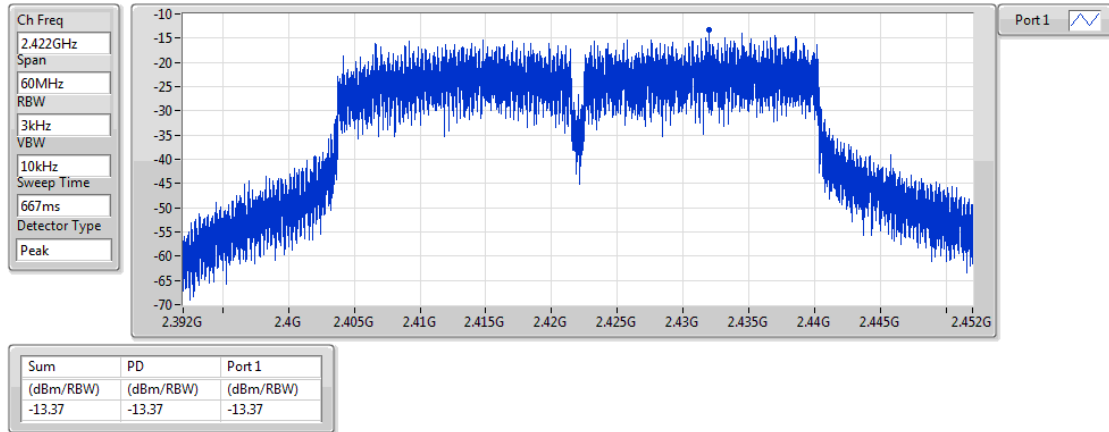
2462MHz



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

PSD

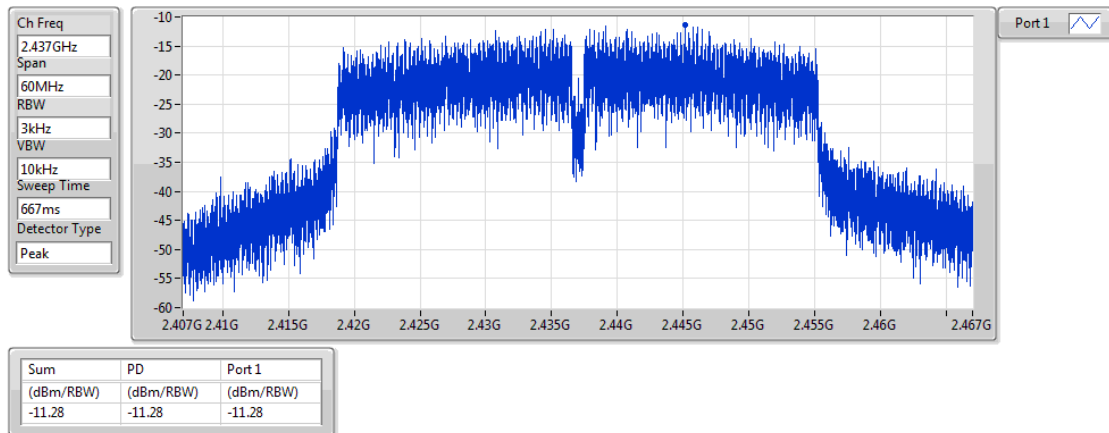
2422MHz



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

PSD

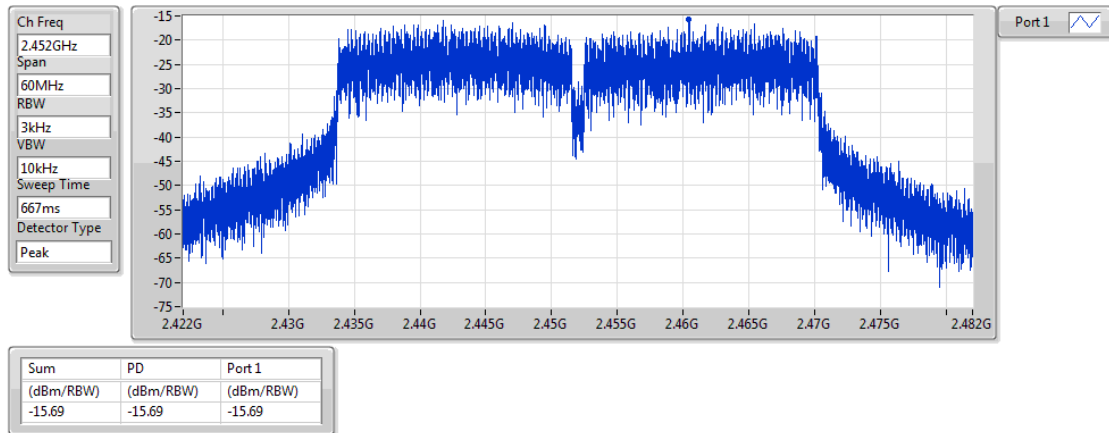
2437MHz



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

PSD

2452MHz



**For Set 6 antennas / 1TX:  
Summary**

| Mode                           | PD<br>(dBm/RBW) |
|--------------------------------|-----------------|
| 802.11b_(1Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -2.07           |
| 802.11g_(6Mbps)_1TX            | -               |
| 2.4-2.4835GHz                  | -4.58           |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -4.82           |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -               |
| 2.4-2.4835GHz                  | -11.17          |

RBW=3kHz.

**Result**

| Mode                           | Result | DG<br>(dBi) | Port 1<br>(dBm/RBW) | PD<br>(dBm/RBW) | PD Limit<br>(dBm/RBW) |
|--------------------------------|--------|-------------|---------------------|-----------------|-----------------------|
| 802.11b_(1Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 1.96        | -2.80               | -2.80           | 8.00                  |
| 2437MHz                        | Pass   | 1.96        | -2.07               | -2.07           | 8.00                  |
| 2462MHz                        | Pass   | 1.96        | -5.27               | -5.27           | 8.00                  |
| 802.11g_(6Mbps)_1TX            | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 1.96        | -7.35               | -7.35           | 8.00                  |
| 2437MHz                        | Pass   | 1.96        | -4.58               | -4.58           | 8.00                  |
| 2462MHz                        | Pass   | 1.96        | -10.41              | -10.41          | 8.00                  |
| 802.11ac VHT20_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2412MHz                        | Pass   | 1.96        | -8.03               | -8.03           | 8.00                  |
| 2437MHz                        | Pass   | 1.96        | -4.82               | -4.82           | 8.00                  |
| 2462MHz                        | Pass   | 1.96        | -10.79              | -10.79          | 8.00                  |
| 802.11ac VHT40_Nss1,(MCS0)_1TX | -      | -           | -                   | -               | -                     |
| 2422MHz                        | Pass   | 1.96        | -14.33              | -14.33          | 8.00                  |
| 2437MHz                        | Pass   | 1.96        | -11.17              | -11.17          | 8.00                  |
| 2452MHz                        | Pass   | 1.96        | -15.02              | -15.02          | 8.00                  |

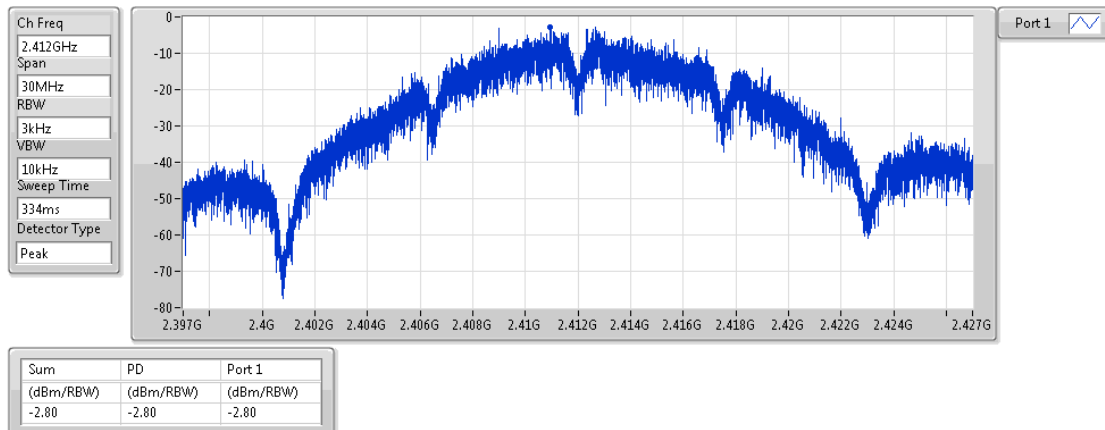
DG = Directional Gain; RBW=3kHz;

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

### 802.11b\_(1Mbps)\_1TX

PSD

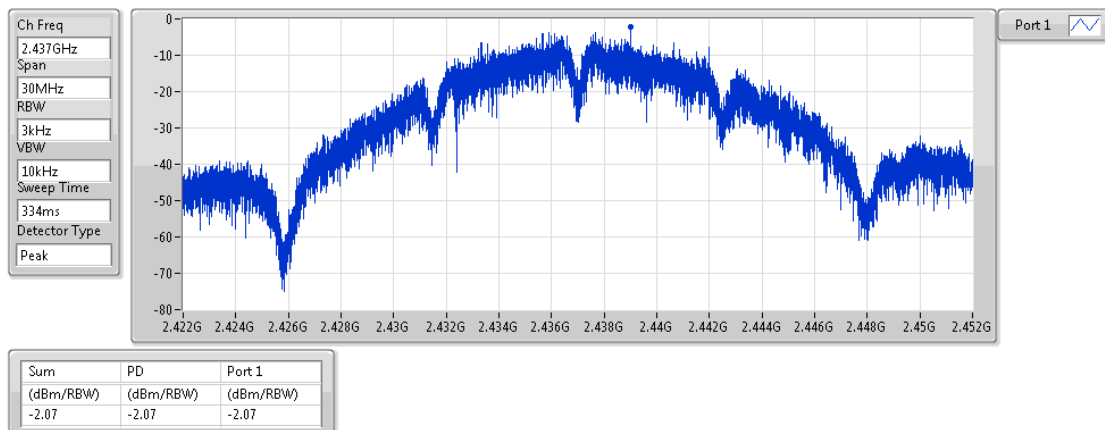
2412MHz



### 802.11b\_(1Mbps)\_1TX

PSD

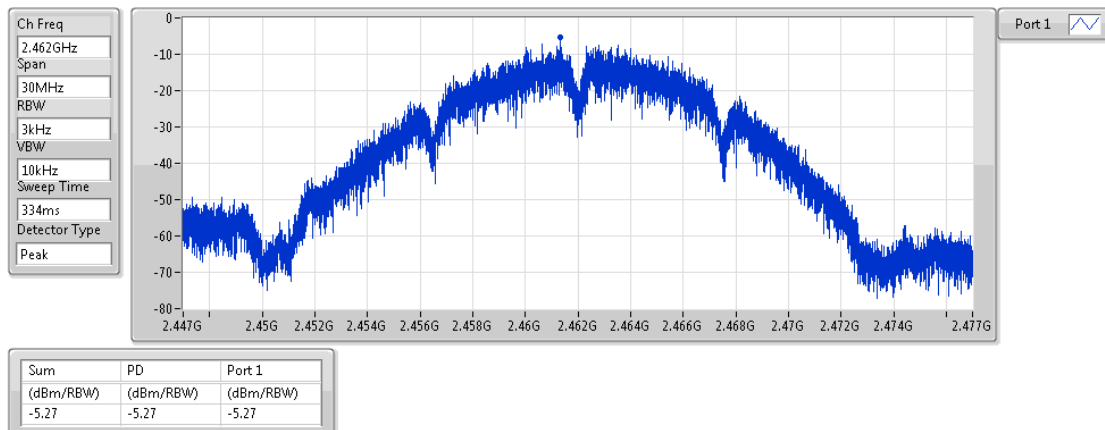
2437MHz

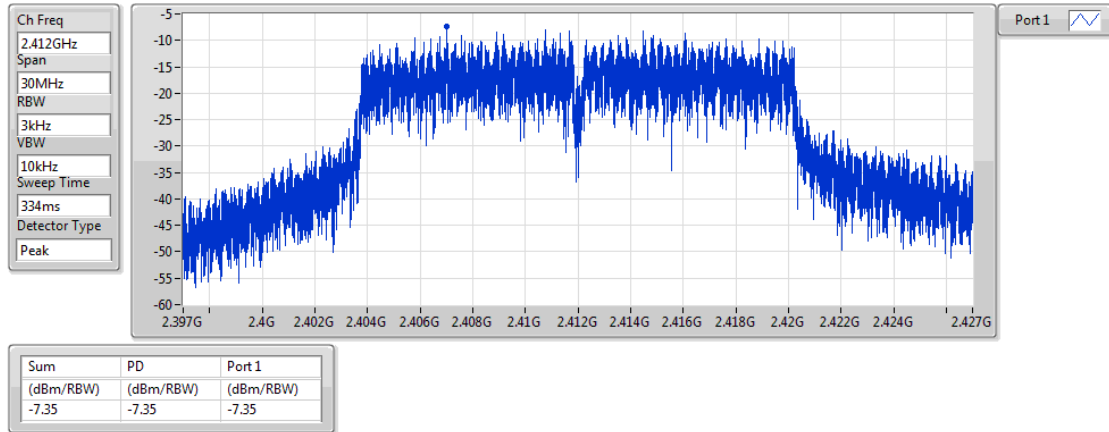
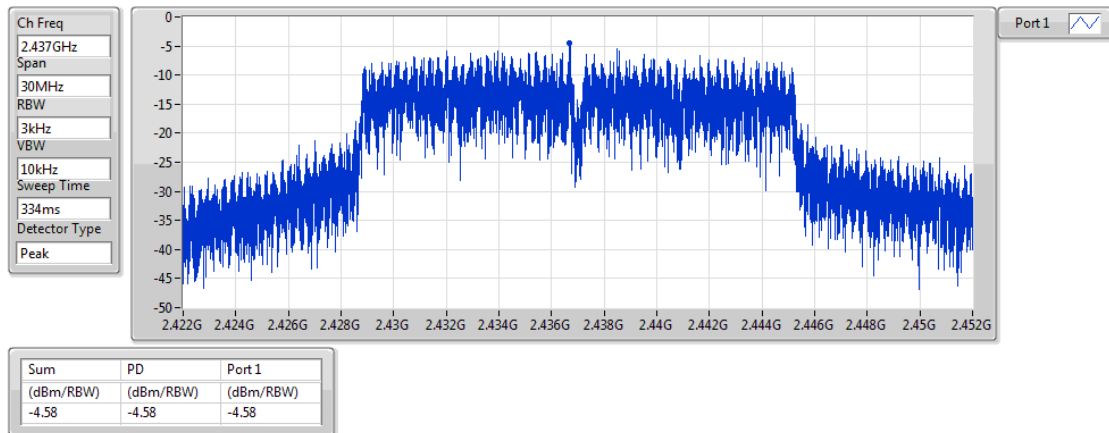
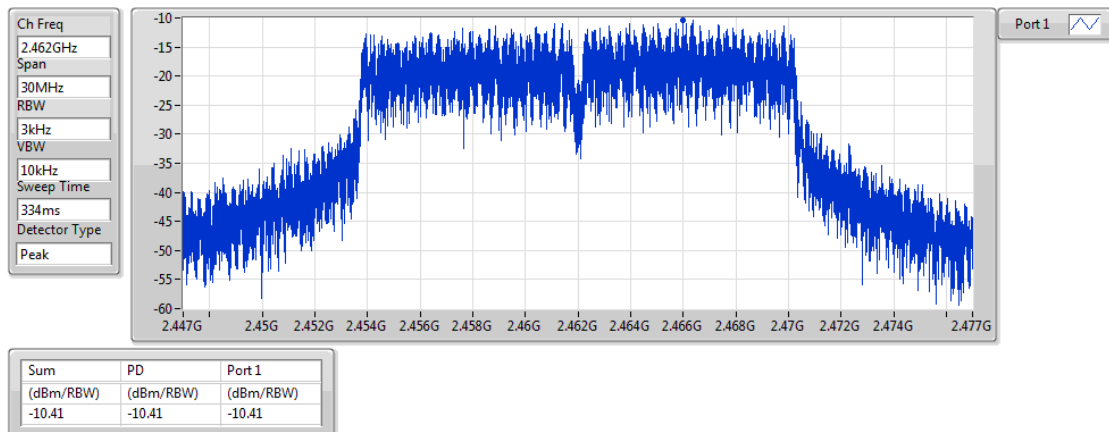


### 802.11b\_(1Mbps)\_1TX

PSD

2462MHz

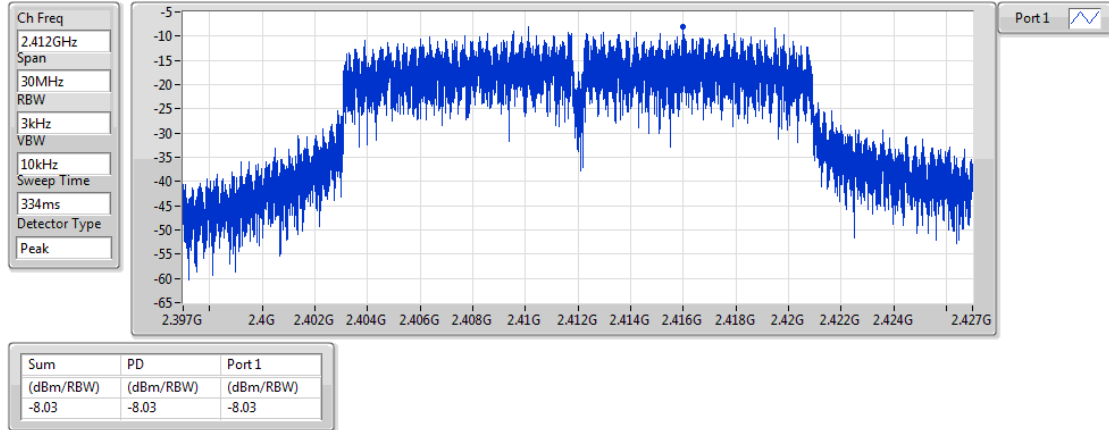


**802.11g\_(6Mbps)\_1TX**
**PSD**
**2412MHz**

**802.11g\_(6Mbps)\_1TX**
**PSD**
**2437MHz**

**802.11g\_(6Mbps)\_1TX**
**PSD**
**2462MHz**


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

PSD

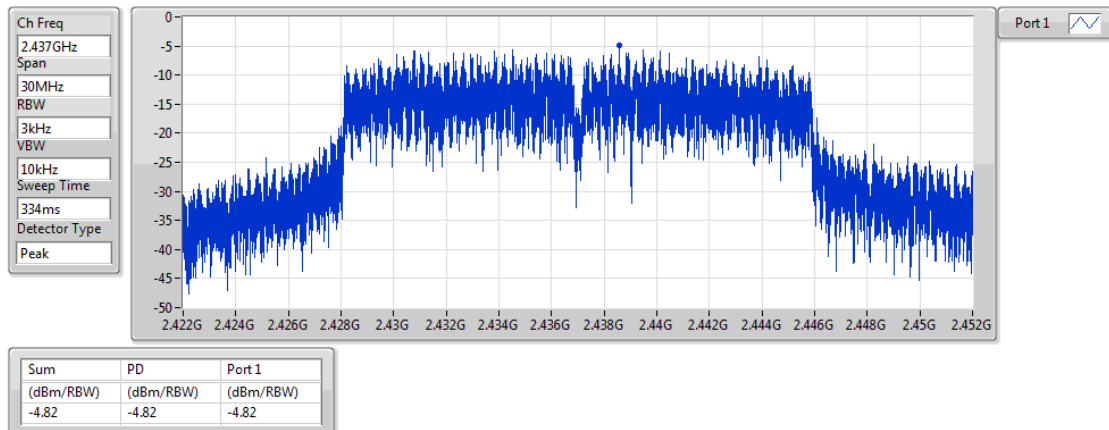
2412MHz



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

PSD

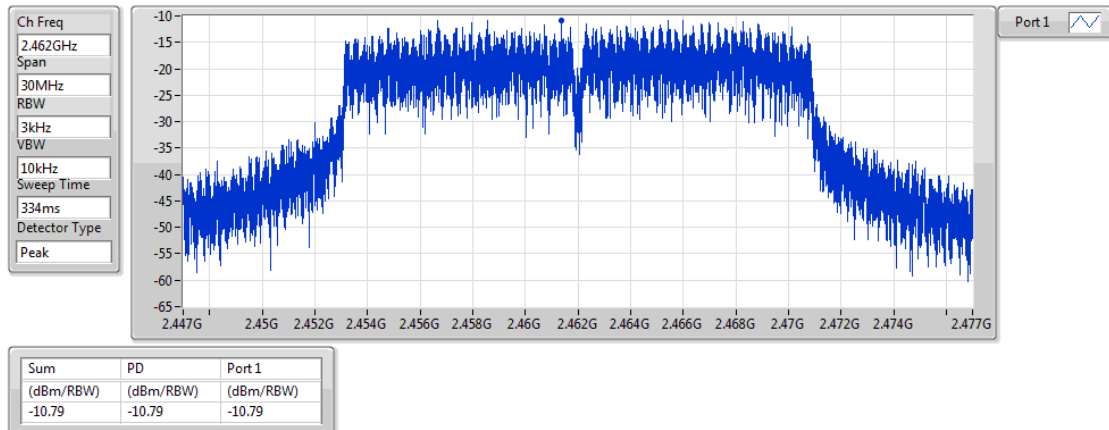
2437MHz



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

PSD

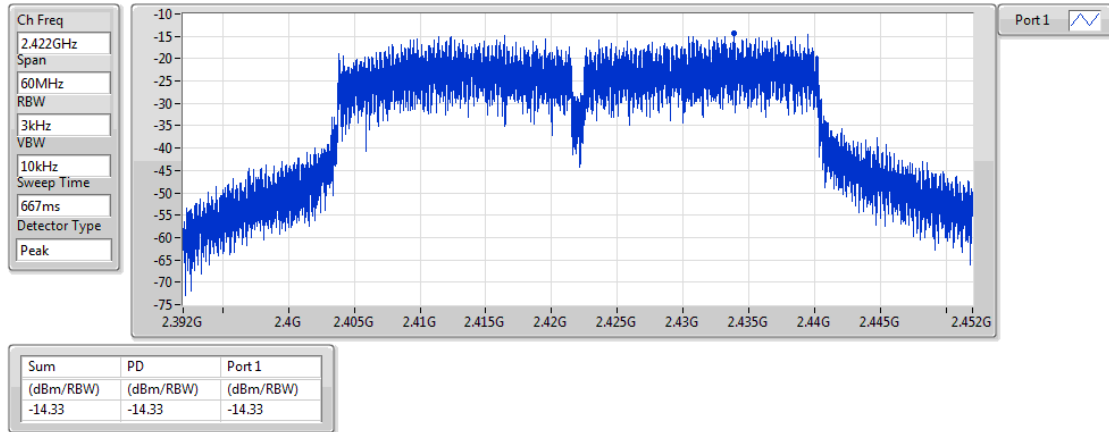
2462MHz



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

PSD

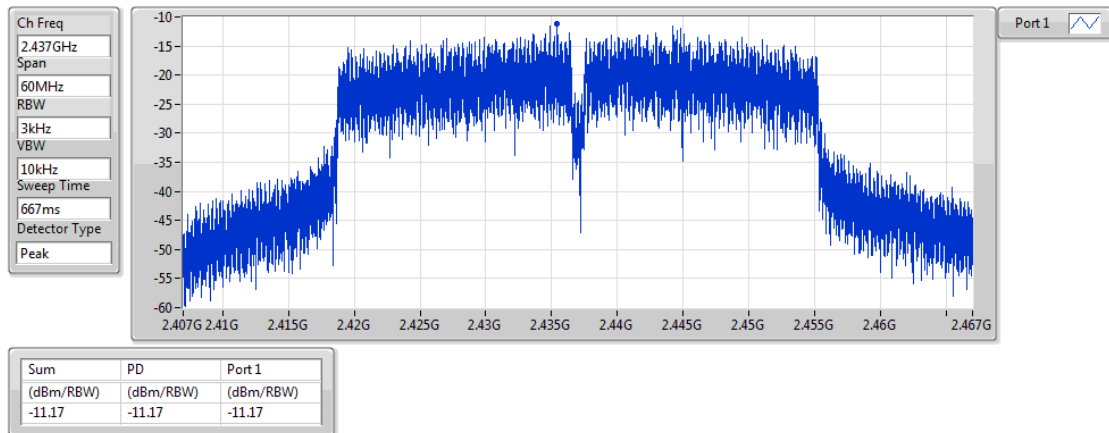
2422MHz



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

PSD

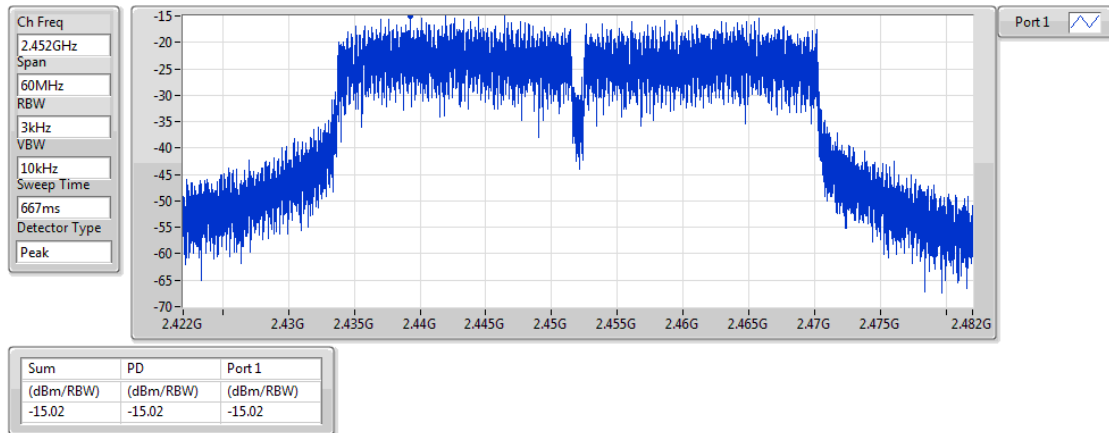
2437MHz



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

PSD

2452MHz



### 3.5 Emissions in Non-restricted Frequency Bands

#### 3.5.1 Emissions in Non-restricted Frequency Bands Limit

| Un-restricted Band Emissions Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| RF output power procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Limit (dB) |
| Peak output power procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20         |
| Average output power procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30         |
| <p>Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.</p> <p>Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.</p> |            |

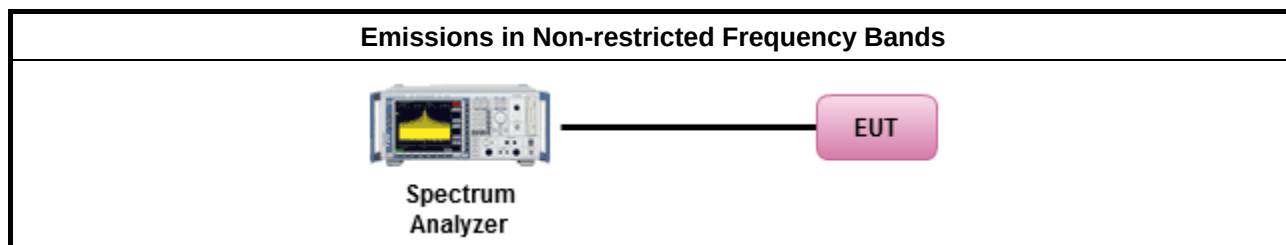
#### 3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

#### 3.5.3 Test Procedures

| Test Method                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Refer as FCC KDB 558074, clause 11 for unwanted emissions into non-restricted bands.</li> </ul> |

#### 3.5.4 Test Setup



### 3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

For Radio 1:

For Set 1 antennas / 1TX:

#### Summary

| Mode                          | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40_Nss1(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                 | Pass   | 2.449432G   | 4.20         | -25.80         | 2.30397G     | -57.02         | 2.39808G     | -33.43         | 2.48382G     | -38.72         | 6.949836G    | -52.00         | 1    |

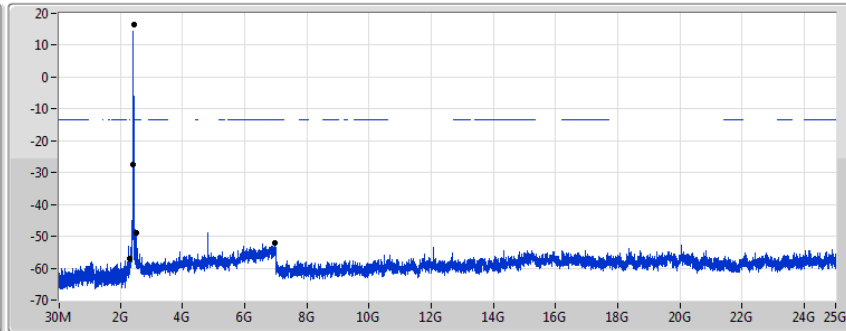
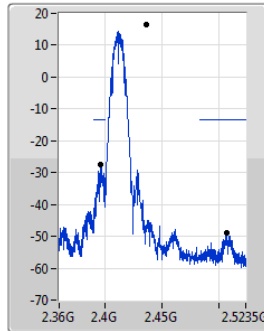
#### Result

| Mode                          | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_(1Mbps)_1TX           | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                       | Pass   | 2.435905G   | 16.43        | -13.57         | 2.30874G     | -56.89         | 2.396G       | -27.56         | 2.50694G     | -49.06         | 6.959799G    | -52.24         | 1    |
| 2437MHz                       | Pass   | 2.435905G   | 16.43        | -13.57         | 2.302915G    | -57.07         | 2.39648G     | -42.68         | 2.48542G     | -41.69         | 2.531929G    | -50.69         | 1    |
| 2462MHz                       | Pass   | 2.435905G   | 16.43        | -13.57         | 2.30408G     | -57.61         | 2.39304G     | -53.39         | 2.48902G     | -44.39         | 2.557215G    | -51.36         | 1    |
| 802.11g_(6Mbps)_1TX           | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                       | Pass   | 2.431897G   | 14.70        | -15.30         | 2.30175G     | -56.62         | 2.39704G     | -27.52         | 2.4875G      | -52.58         | 6.965418G    | -50.75         | 1    |
| 2437MHz                       | Pass   | 2.431897G   | 14.70        | -15.30         | 2.30408G     | -56.10         | 2.39992G     | -34.24         | 2.4851G      | -40.91         | 6.754701G    | -51.70         | 1    |
| 2462MHz                       | Pass   | 2.431897G   | 14.70        | -15.30         | 2.30408G     | -57.97         | 2.39928G     | -55.52         | 2.48422G     | -40.13         | 6.791225G    | -52.24         | 1    |
| 802.11ac VHT20_Nss1(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                       | Pass   | 2.438243G   | 14.29        | -15.71         | 2.30175G     | -55.74         | 2.39696G     | -28.62         | 2.5123G      | -52.30         | 6.881131G    | -51.26         | 1    |
| 2437MHz                       | Pass   | 2.438243G   | 14.29        | -15.71         | 2.30641G     | -57.15         | 2.3992G      | -30.62         | 2.48382G     | -39.02         | 6.833369G    | -51.24         | 1    |
| 2462MHz                       | Pass   | 2.438243G   | 14.29        | -15.71         | 2.30408G     | -55.28         | 2.39672G     | -52.84         | 2.48502G     | -39.86         | 6.987895G    | -50.98         | 1    |
| 802.11ac VHT40_Nss1(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                       | Pass   | 2.449432G   | 4.20         | -25.80         | 2.305115G    | -58.29         | 2.39824G     | -33.70         | 2.54398G     | -52.38         | 6.997513G    | -52.09         | 1    |
| 2437MHz                       | Pass   | 2.449432G   | 4.20         | -25.80         | 2.30397G     | -57.02         | 2.39808G     | -33.43         | 2.48382G     | -38.72         | 6.949836G    | -52.00         | 1    |
| 2452MHz                       | Pass   | 2.449432G   | 4.20         | -25.80         | 2.300535G    | -53.96         | 2.39952G     | -46.20         | 2.48574G     | -37.62         | 6.994709G    | -52.13         | 1    |

## 802.11b\_(1Mbps)\_1TX

CSE NdB

2412MHz



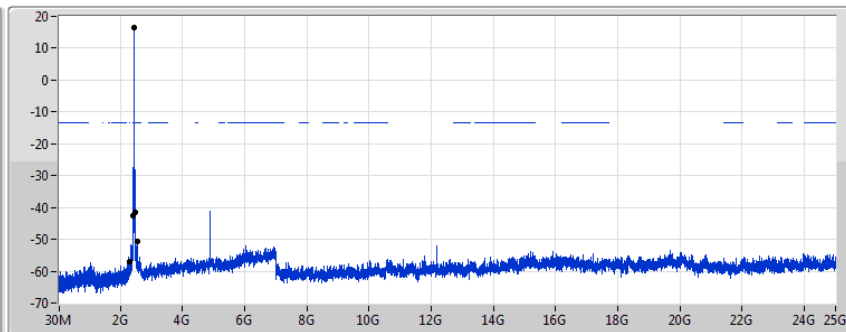
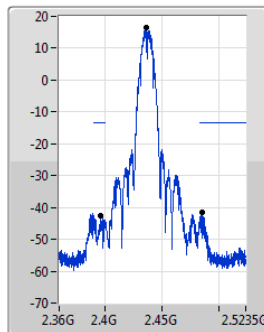
Port 1

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435905G | 16.43    | -13.57     | 2.30874G | -56.89     | 2.396G   | -27.56     | 2.50694G | -49.06     | 6.959799G | -52.24     | 1    |

## 802.11b\_(1Mbps)\_1TX

CSE NdB

2437MHz



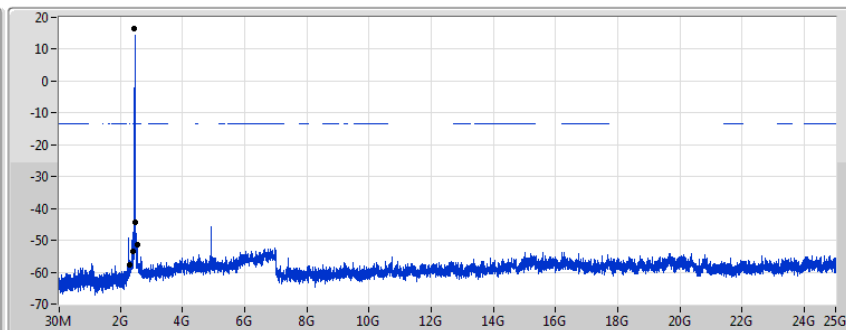
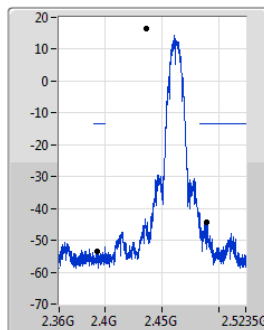
Port 1

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435905G | 16.43    | -13.57     | 2.302915G | -57.07     | 2.39648G | -42.68     | 2.48542G | -41.69     | 2.531929G | -50.69     | 1    |

## 802.11b\_(1Mbps)\_1TX

CSE NdB

2462MHz



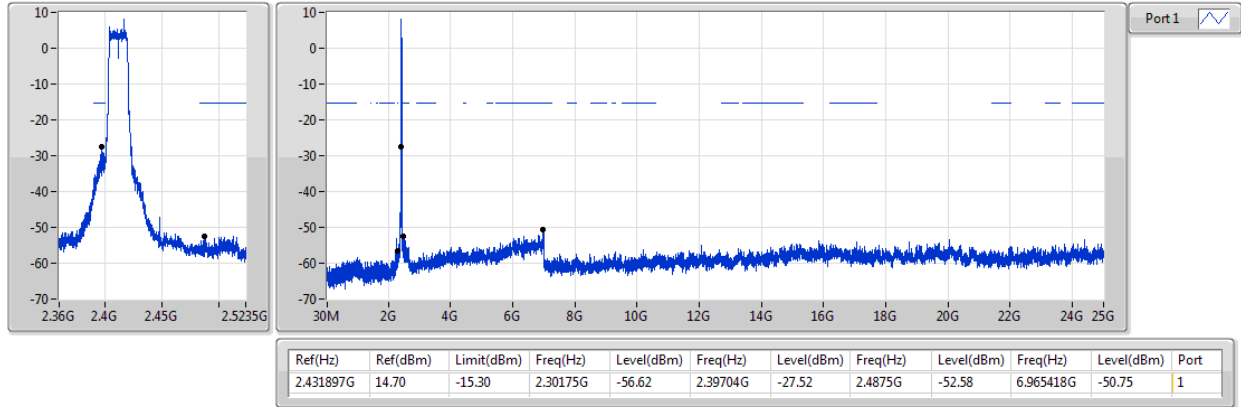
Port 1

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435905G | 16.43    | -13.57     | 2.30408G | -57.61     | 2.39304G | -53.39     | 2.48902G | -44.39     | 2.557215G | -51.36     | 1    |

## 802.11g\_(6Mbps)\_1TX

CSE NdB

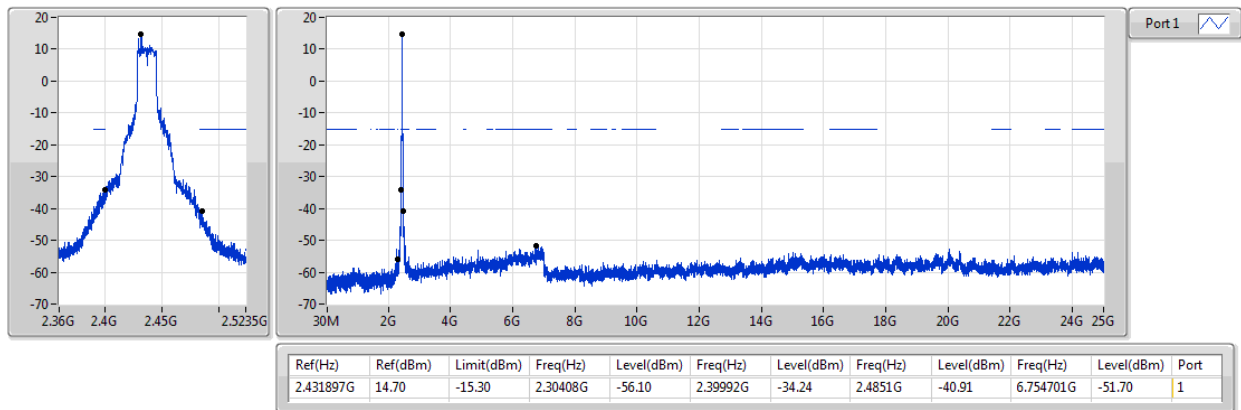
2412MHz



## 802.11g\_(6Mbps)\_1TX

CSE NdB

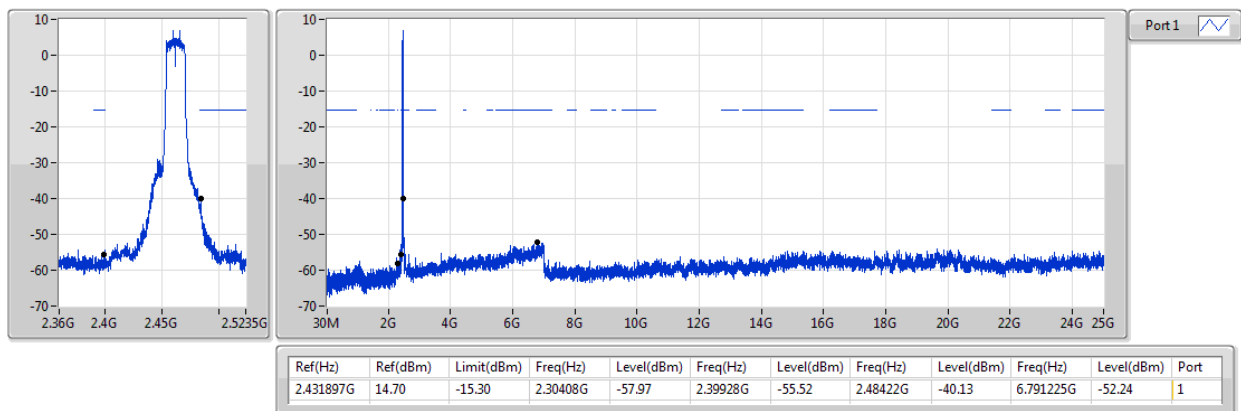
2437MHz



## 802.11g\_(6Mbps)\_1TX

CSE NdB

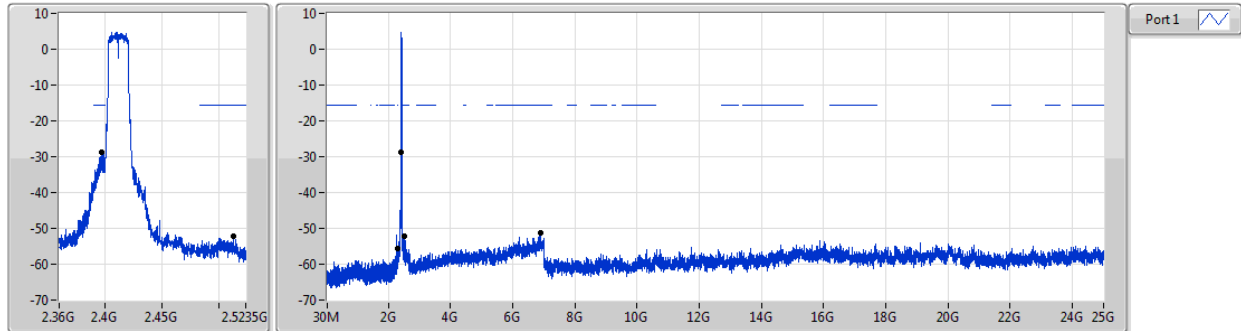
2462MHz



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

CSE NdB

2412MHz

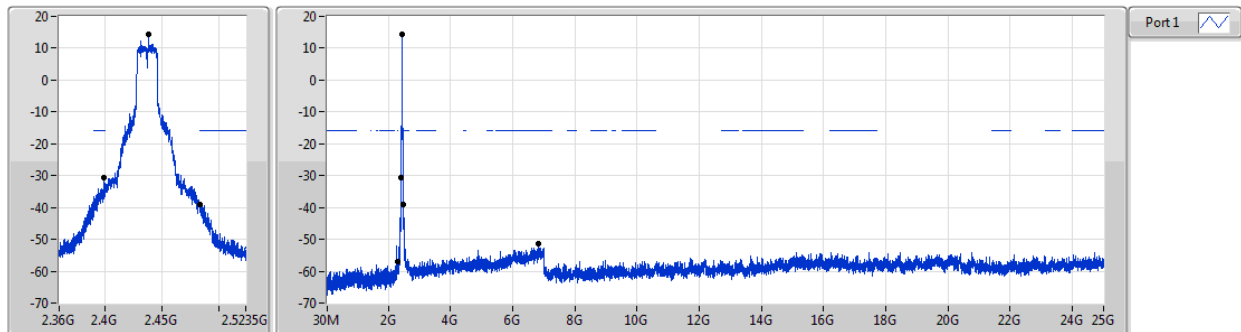


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.438243G | 14.29    | -15.71     | 2.30175G | -55.74     | 2.39696G | -28.62     | 2.5123G  | -52.30     | 6.881131G | -51.26     | 1    |

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

CSE NdB

2437MHz

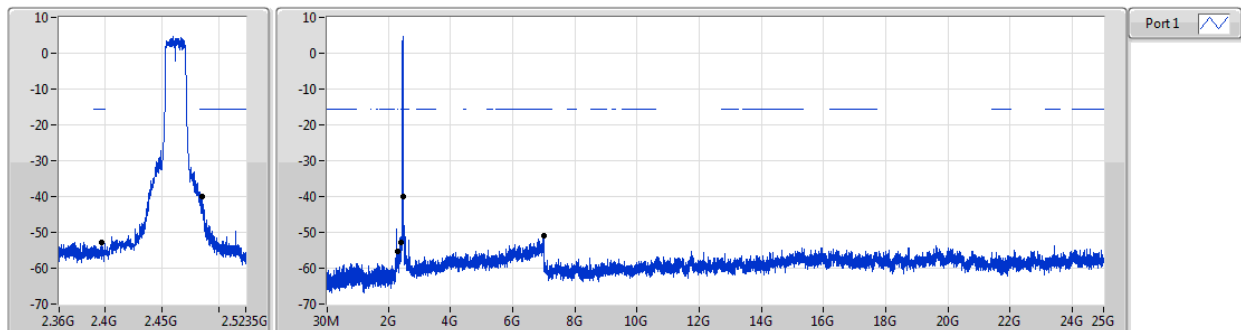


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.438243G | 14.29    | -15.71     | 2.30641G | -57.15     | 2.3992G  | -30.62     | 2.48382G | -39.02     | 6.833369G | -51.24     | 1    |

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

CSE NdB

2462MHz

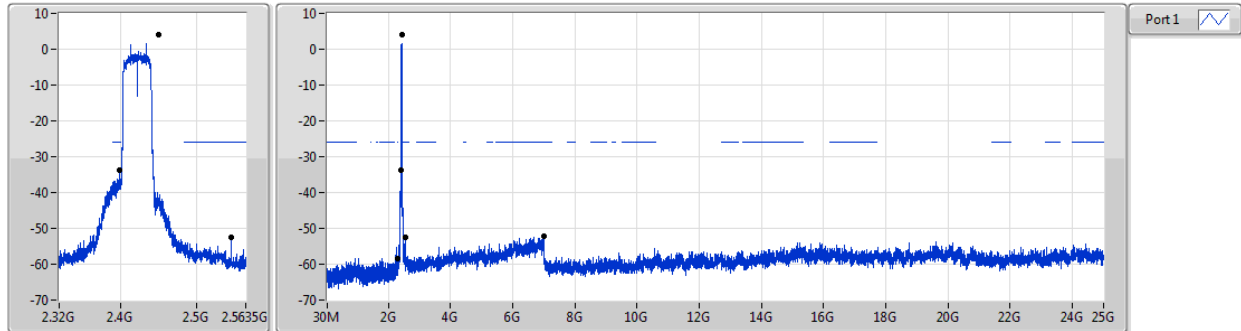


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.438243G | 14.29    | -15.71     | 2.30408G | -55.28     | 2.39672G | -52.84     | 2.48502G | -39.86     | 6.987895G | -50.98     | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

CSE NdB

2422MHz

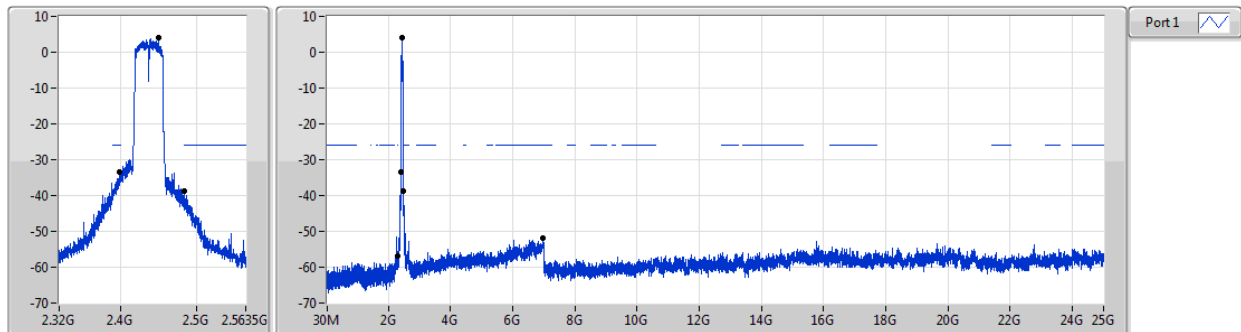


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.449432G | 4.20     | -25.80     | 2.305115G | -58.29     | 2.39824G | -33.70     | 2.54398G | -52.38     | 6.997513G | -52.09     | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

CSE NdB

2437MHz

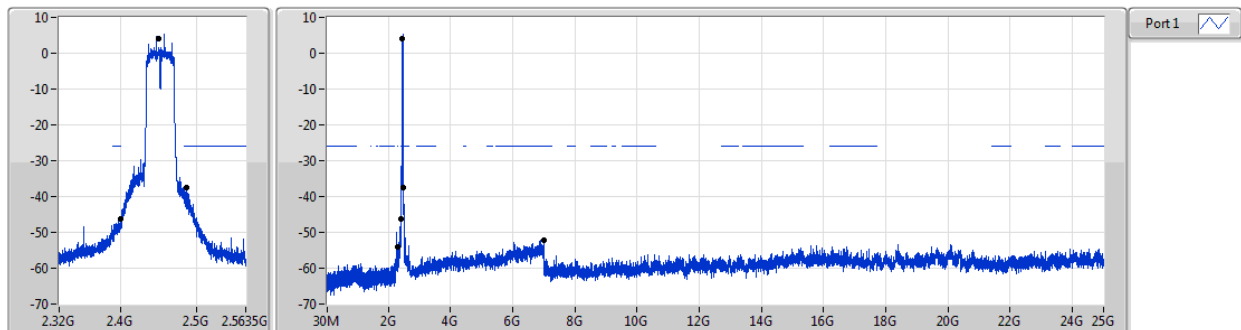


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.449432G | 4.20     | -25.80     | 2.30397G | -57.02     | 2.39808G | -33.43     | 2.48382G | -38.72     | 6.949836G | -52.00     | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

CSE NdB

2452MHz



| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.449432G | 4.20     | -25.80     | 2.300535G | -53.96     | 2.39952G | -46.20     | 2.48574G | -37.62     | 6.994709G | -52.13     | 1    |



**For Set 1 antennas / 2TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                  | Pass   | 2.430728G   | 3.81         | -26.19         | 1.723455G    | -58.32         | 2.39584G     | -34.09         | 2.48894G     | -55.07         | 6.526347G    | -52.52         | 2    |

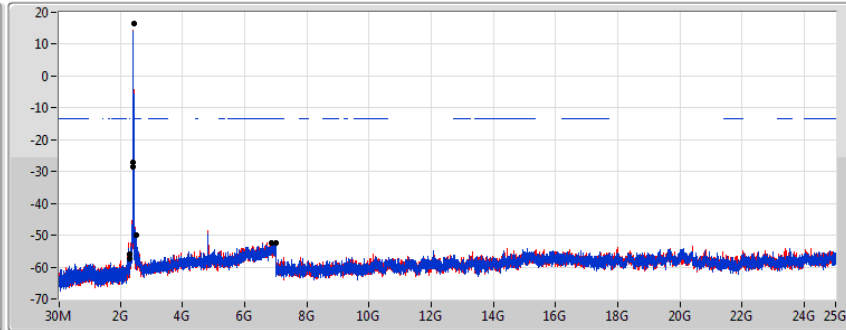
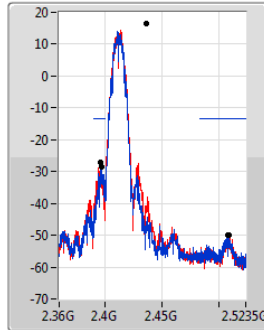
**Result**

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.436072G   | 16.48        | -13.52         | 2.30874G     | -55.83         | 2.39752G     | -28.53         | 2.5075G      | -49.86         | 6.847417G    | -52.34         | 1    |
| 2412MHz                        | Pass   | 2.436072G   | 16.48        | -13.52         | 2.30408G     | -57.29         | 2.396G       | -27.27         | 2.50902G     | -49.91         | 6.985085G    | -52.34         | 2    |
| 2437MHz                        | Pass   | 2.436072G   | 16.48        | -13.52         | 2.300585G    | -57.58         | 2.398G       | -42.59         | 2.48446G     | -42.89         | 2.531929G    | -50.95         | 1    |
| 2437MHz                        | Pass   | 2.436072G   | 16.48        | -13.52         | 2.144475G    | -58.22         | 2.39904G     | -35.54         | 2.4875G      | -40.31         | 2.531929G    | -50.25         | 2    |
| 2462MHz                        | Pass   | 2.436072G   | 16.48        | -13.52         | 2.300585G    | -55.80         | 2.39688G     | -53.28         | 2.48894G     | -47.83         | 6.490602G    | -51.69         | 1    |
| 2462MHz                        | Pass   | 2.436072G   | 16.48        | -13.52         | 2.309905G    | -54.66         | 2.39432G     | -52.73         | 2.48742G     | -46.57         | 6.959799G    | -51.77         | 2    |
| 802.11g_(6Mbps)_2TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.440748G   | 13.18        | -16.82         | 2.11302G     | -58.04         | 2.39704G     | -36.08         | 2.50374G     | -55.13         | 6.990704G    | -51.79         | 1    |
| 2412MHz                        | Pass   | 2.440748G   | 13.18        | -16.82         | 862.975M     | -58.46         | 2.39704G     | -32.98         | 2.51078G     | -55.22         | 6.962609G    | -51.06         | 2    |
| 2437MHz                        | Pass   | 2.440748G   | 13.18        | -16.82         | 2.30175G     | -57.05         | 2.39952G     | -39.76         | 2.48382G     | -47.55         | 2.52631G     | -51.70         | 1    |
| 2437MHz                        | Pass   | 2.440748G   | 13.18        | -16.82         | 2.30175G     | -57.21         | 2.39944G     | -35.78         | 2.48398G     | -44.18         | 6.813702G    | -53.05         | 2    |
| 2462MHz                        | Pass   | 2.440748G   | 13.18        | -16.82         | 2.309905G    | -57.66         | 2.39608G     | -56.17         | 2.48358G     | -45.59         | 6.625461G    | -52.02         | 1    |
| 2462MHz                        | Pass   | 2.440748G   | 13.18        | -16.82         | 2.30408G     | -58.03         | 2.39904G     | -55.19         | 2.48446G     | -43.44         | 6.718177G    | -52.40         | 2    |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.439412G   | 13.05        | -16.95         | 2.14564G     | -57.94         | 2.3964G      | -34.26         | 2.50534G     | -54.70         | 6.934513G    | -51.05         | 1    |
| 2412MHz                        | Pass   | 2.439412G   | 13.05        | -16.95         | 826.86M      | -57.54         | 2.39824G     | -30.34         | 2.50134G     | -54.76         | 6.878322G    | -51.62         | 2    |
| 2437MHz                        | Pass   | 2.439412G   | 13.05        | -16.95         | 2.30175G     | -56.22         | 2.398G       | -36.95         | 2.48478G     | -44.88         | 6.588937G    | -51.44         | 1    |
| 2437MHz                        | Pass   | 2.439412G   | 13.05        | -16.95         | 2.30408G     | -56.36         | 2.39984G     | -34.35         | 2.48534G     | -43.48         | 6.968228G    | -52.17         | 2    |
| 2462MHz                        | Pass   | 2.439412G   | 13.05        | -16.95         | 2.307575G    | -58.16         | 2.3972G      | -56.28         | 2.48358G     | -43.44         | 6.198408G    | -51.77         | 1    |
| 2462MHz                        | Pass   | 2.439412G   | 13.05        | -16.95         | 2.305245G    | -58.60         | 2.39104G     | -54.28         | 2.48358G     | -42.72         | 6.993514G    | -50.12         | 2    |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.430728G   | 3.81         | -26.19         | 2.300535G    | -58.37         | 2.39824G     | -37.96         | 2.54398G     | -53.34         | 6.826435G    | -51.96         | 1    |
| 2422MHz                        | Pass   | 2.430728G   | 3.81         | -26.19         | 1.723455G    | -58.32         | 2.39584G     | -34.09         | 2.48894G     | -55.07         | 6.526347G    | -52.52         | 2    |
| 2437MHz                        | Pass   | 2.430728G   | 3.81         | -26.19         | 904.78M      | -58.36         | 2.39952G     | -35.61         | 2.48366G     | -49.81         | 6.812412G    | -51.93         | 1    |
| 2437MHz                        | Pass   | 2.430728G   | 3.81         | -26.19         | 2.160845G    | -57.99         | 2.3984G      | -36.01         | 2.48734G     | -47.72         | 6.195408G    | -52.23         | 2    |
| 2452MHz                        | Pass   | 2.430728G   | 3.81         | -26.19         | 956.305M     | -57.64         | 2.39968G     | -49.69         | 2.48446G     | -38.77         | 6.851676G    | -52.07         | 1    |
| 2452MHz                        | Pass   | 2.430728G   | 3.81         | -26.19         | 2.309695G    | -58.25         | 2.39152G     | -52.88         | 2.48606G     | -37.91         | 6.86009G     | -51.24         | 2    |

### 802.11b\_(1Mbps)\_2TX

CSE NdB

2412MHz



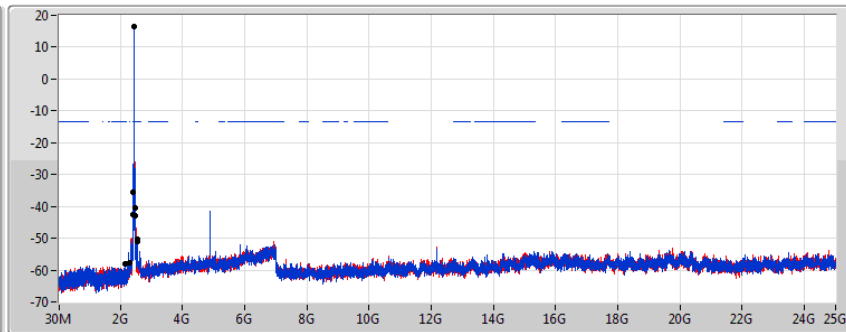
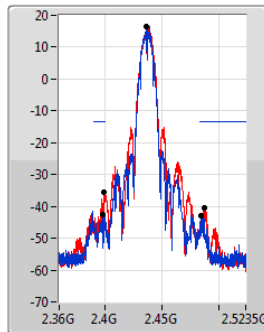
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.436072G | 16.48    | -13.52     | 2.30874G | -55.83     | 2.39752G | -28.53     | 2.5075G  | -49.86     | 6.847417G | -52.34     | 1    |
| 2.436072G | 16.48    | -13.52     | 2.30408G | -57.29     | 2.396G   | -27.27     | 2.50902G | -49.91     | 6.985085G | -52.34     | 2    |

### 802.11b\_(1Mbps)\_2TX

CSE NdB

2437MHz



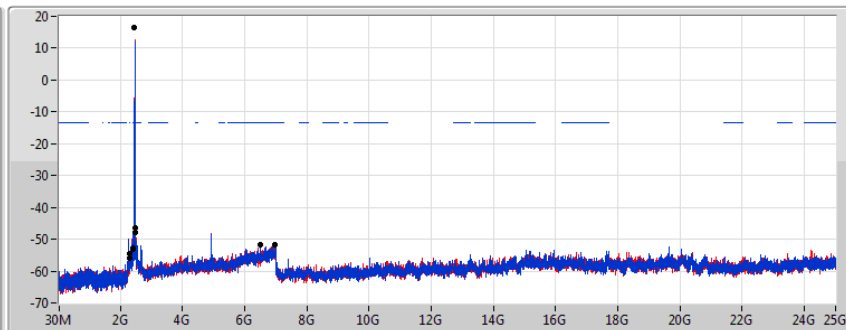
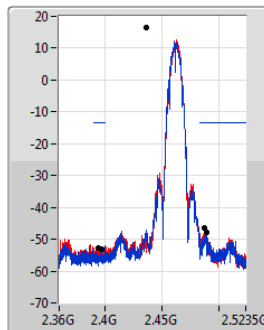
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.436072G | 16.48    | -13.52     | 2.300585G | -57.58     | 2.398G   | -42.59     | 2.48446G | -42.89     | 2.531929G | -50.95     | 1    |
| 2.436072G | 16.48    | -13.52     | 2.144475G | -58.22     | 2.39904G | -35.54     | 2.4875G  | -40.31     | 2.531929G | -50.25     | 2    |

### 802.11b\_(1Mbps)\_2TX

CSE NdB

2462MHz



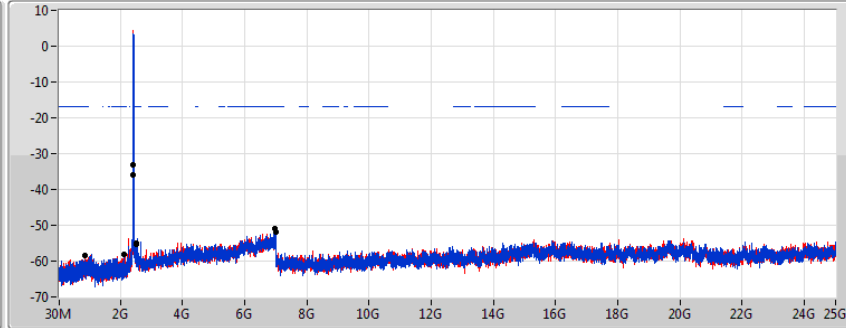
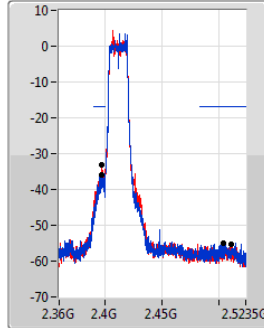
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.436072G | 16.48    | -13.52     | 2.300585G | -55.80     | 2.39688G | -53.28     | 2.48894G | -47.83     | 6.490602G | -51.69     | 1    |
| 2.436072G | 16.48    | -13.52     | 2.309905G | -54.66     | 2.39432G | -52.73     | 2.48742G | -46.57     | 6.959799G | -51.77     | 2    |

### 802.11g\_(6Mbps)\_2TX

CSE NdB

2412MHz



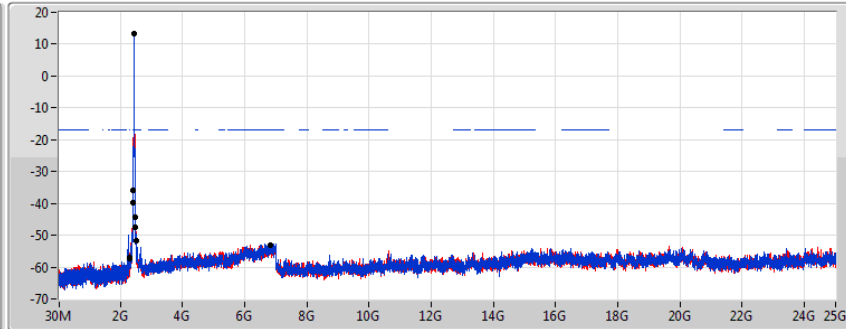
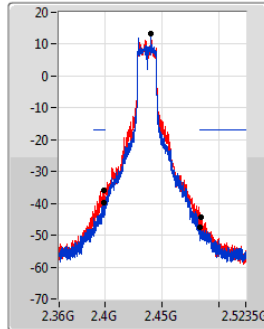
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.440748G | 13.18    | -16.82     | 2.11302G | -58.04     | 2.39704G | -36.08     | 2.50374G | -55.13     | 6.990704G | -51.79     | 1    |
| 2.440748G | 13.18    | -16.82     | 862.975M | -58.46     | 2.39704G | -32.98     | 2.51078G | -55.22     | 6.962609G | -51.06     | 2    |

### 802.11g\_(6Mbps)\_2TX

CSE NdB

2437MHz



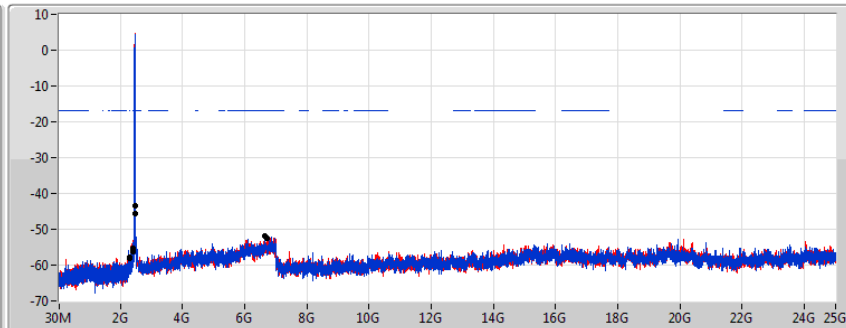
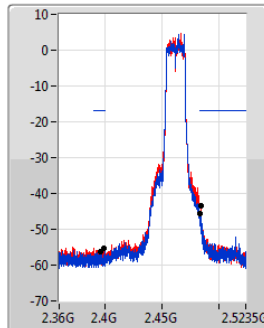
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.440748G | 13.18    | -16.82     | 2.30175G | -57.05     | 2.39952G | -39.76     | 2.48382G | -47.55     | 2.52631G  | -51.70     | 1    |
| 2.440748G | 13.18    | -16.82     | 2.30175G | -57.21     | 2.39944G | -35.78     | 2.48398G | -44.18     | 6.813702G | -53.05     | 2    |

### 802.11g\_(6Mbps)\_2TX

CSE NdB

2462MHz



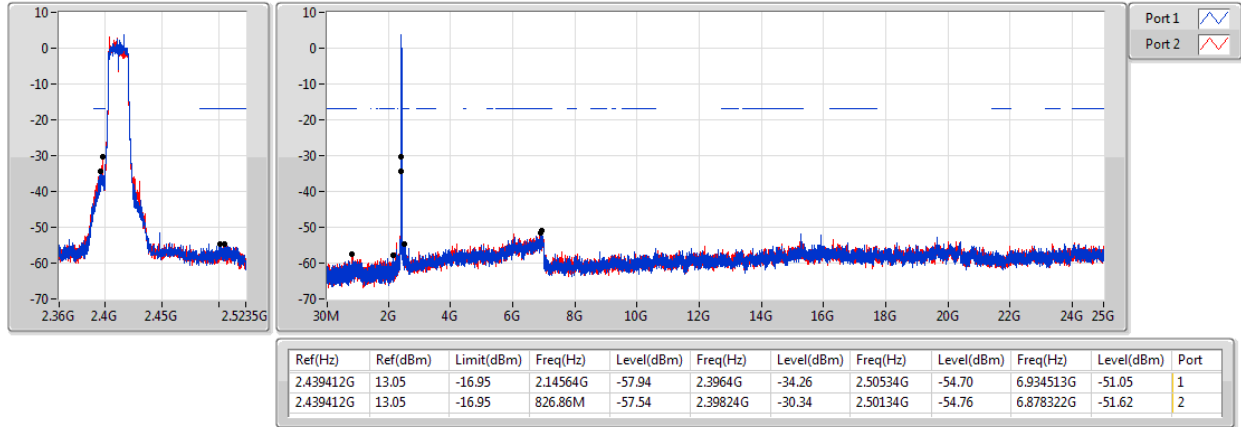
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.440748G | 13.18    | -16.82     | 2.309905G | -57.66     | 2.39608G | -56.17     | 2.48358G | -45.59     | 6.625461G | -52.02     | 1    |
| 2.440748G | 13.18    | -16.82     | 2.30408G  | -58.03     | 2.39904G | -55.19     | 2.48446G | -43.44     | 6.718177G | -52.40     | 2    |

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

CSE NdB

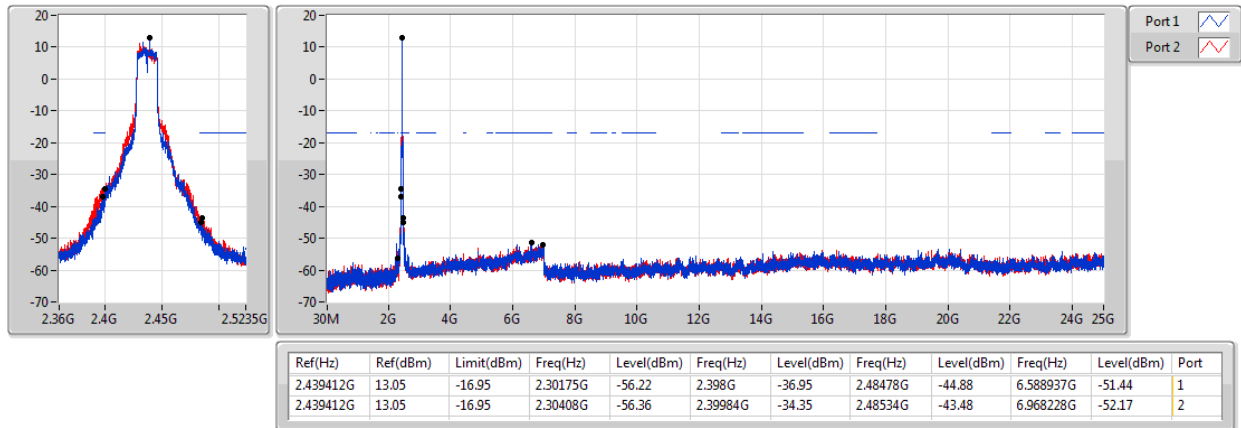
2412MHz



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

CSE NdB

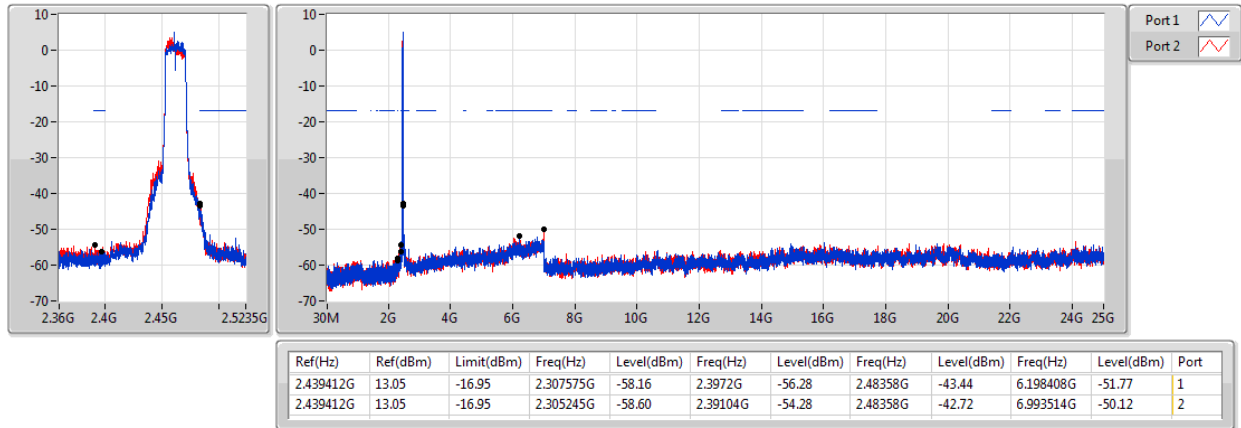
2437MHz



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

CSE NdB

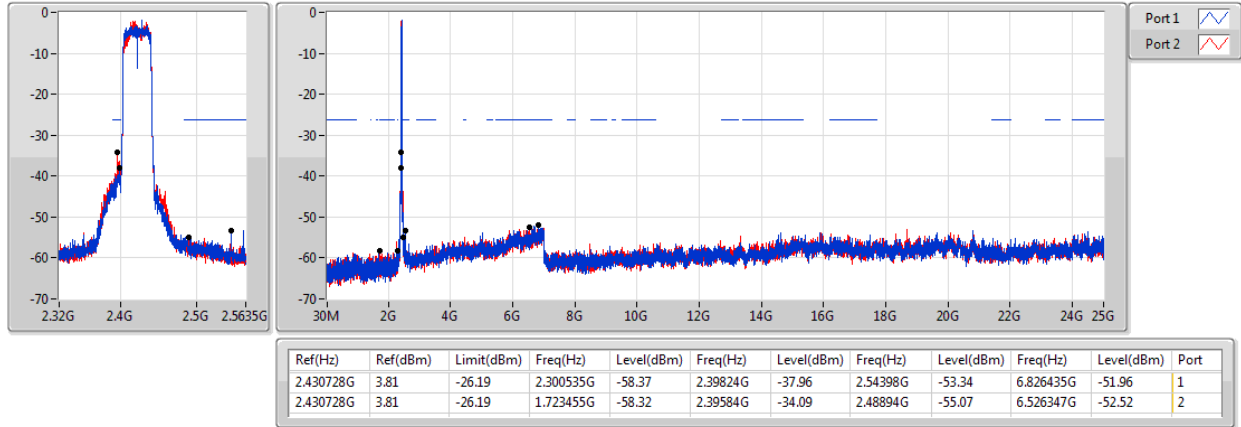
2462MHz



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

CSE NdB

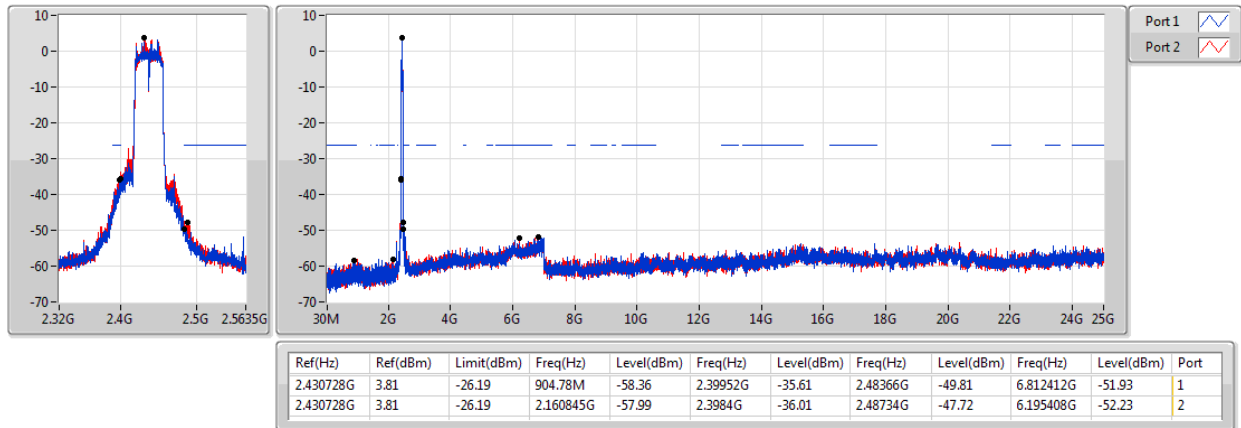
2422MHz



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

CSE NdB

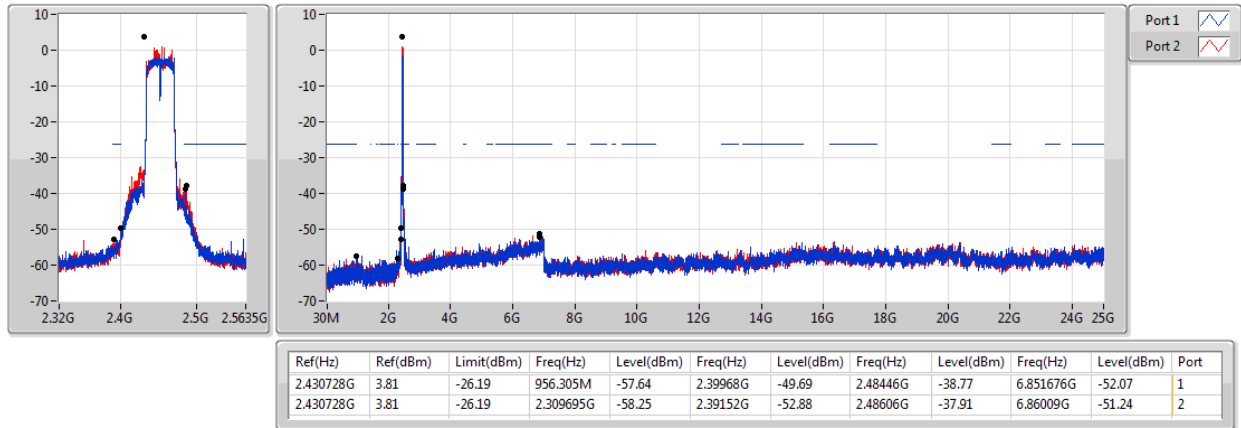
2437MHz



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

CSE NdB

2452MHz



**<For Beamforming Mode>****Summary**

| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                     | Pass   | 2.430728G   | 5.54         | -24.46         | 2.302825G    | -56.29         | 2.39936G     | -33.19         | 2.48478G     | -44.92         | 16.715322G   | -50.52         | 1    |

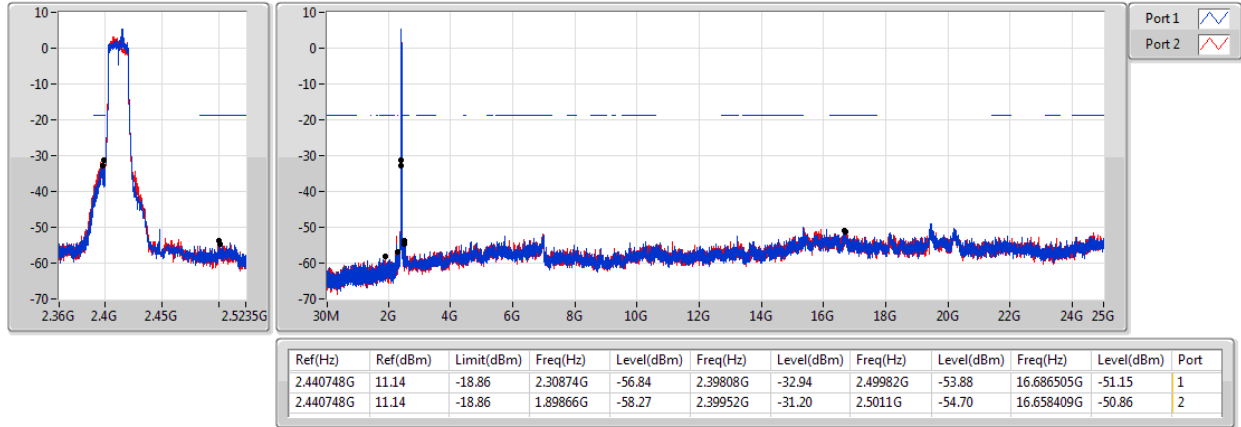
**Result**

| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.440748G   | 11.14        | -18.86         | 2.30874G     | -56.84         | 2.39808G     | -32.94         | 2.49982G     | -53.88         | 16.686505G   | -51.15         | 1    |
| 2412MHz                           | Pass   | 2.440748G   | 11.14        | -18.86         | 1.89866G     | -58.27         | 2.39952G     | -31.20         | 2.5011G      | -54.70         | 16.658409G   | -50.86         | 2    |
| 2437MHz                           | Pass   | 2.440748G   | 11.14        | -18.86         | 2.302915G    | -56.28         | 2.39832G     | -43.52         | 2.48662G     | -48.31         | 16.635932G   | -49.58         | 1    |
| 2437MHz                           | Pass   | 2.440748G   | 11.14        | -18.86         | 2.302915G    | -55.32         | 2.39952G     | -37.59         | 2.48654G     | -48.58         | 15.332295G   | -50.89         | 2    |
| 2462MHz                           | Pass   | 2.440748G   | 11.14        | -18.86         | 1.78682G     | -57.67         | 2.39888G     | -55.96         | 2.48414G     | -44.15         | 16.706172G   | -50.20         | 1    |
| 2462MHz                           | Pass   | 2.440748G   | 11.14        | -18.86         | 2.30408G     | -58.41         | 2.39552G     | -55.04         | 2.48382G     | -42.64         | 16.354976G   | -49.19         | 2    |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.430728G   | 5.54         | -24.46         | 860.125M     | -58.61         | 2.39888G     | -35.38         | 2.54398G     | -52.83         | 16.690081G   | -49.94         | 1    |
| 2422MHz                           | Pass   | 2.430728G   | 5.54         | -24.46         | 2.00398G     | -58.47         | 2.39648G     | -35.65         | 2.48366G     | -55.49         | 6.975077G    | -51.26         | 2    |
| 2437MHz                           | Pass   | 2.430728G   | 5.54         | -24.46         | 2.302825G    | -56.29         | 2.39936G     | -33.19         | 2.48478G     | -44.92         | 16.715322G   | -50.52         | 1    |
| 2437MHz                           | Pass   | 2.430728G   | 5.54         | -24.46         | 2.30626G     | -56.55         | 2.39904G     | -33.58         | 2.48574G     | -40.68         | 16.342316G   | -50.20         | 2    |
| 2452MHz                           | Pass   | 2.430728G   | 5.54         | -24.46         | 2.07726G     | -58.72         | 2.39584G     | -51.57         | 2.4859G      | -42.15         | 16.676059G   | -51.23         | 1    |
| 2452MHz                           | Pass   | 2.430728G   | 5.54         | -24.46         | 2.30855G     | -57.61         | 2.39744G     | -51.06         | 2.4843G      | -36.42         | 6.997513G    | -51.00         | 2    |

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

CSE NdB

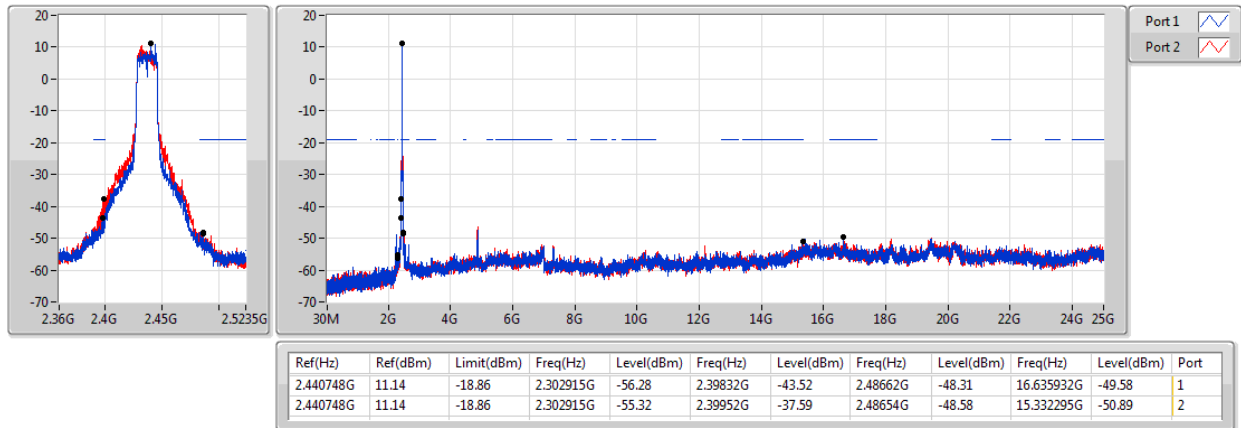
2412MHz



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

CSE NdB

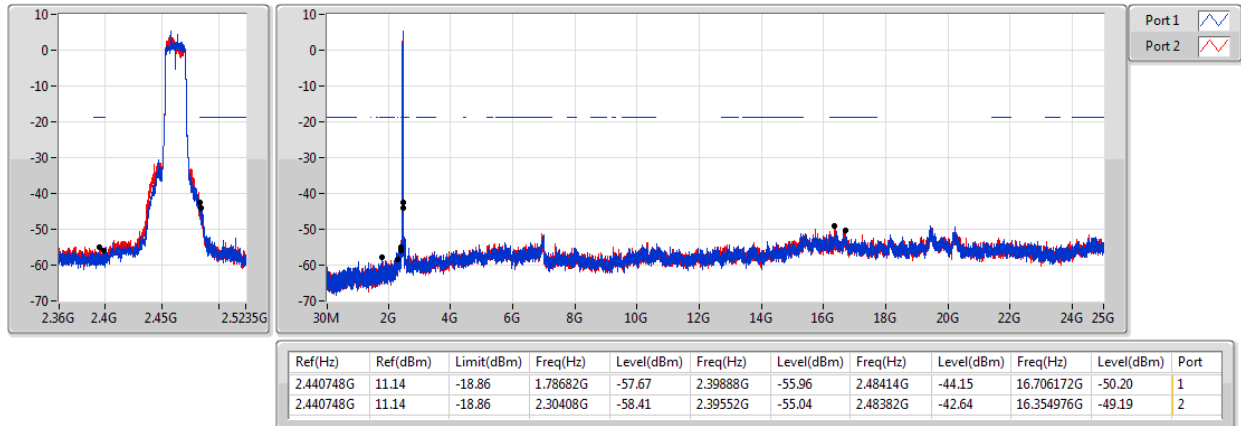
2437MHz



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

CSE NdB

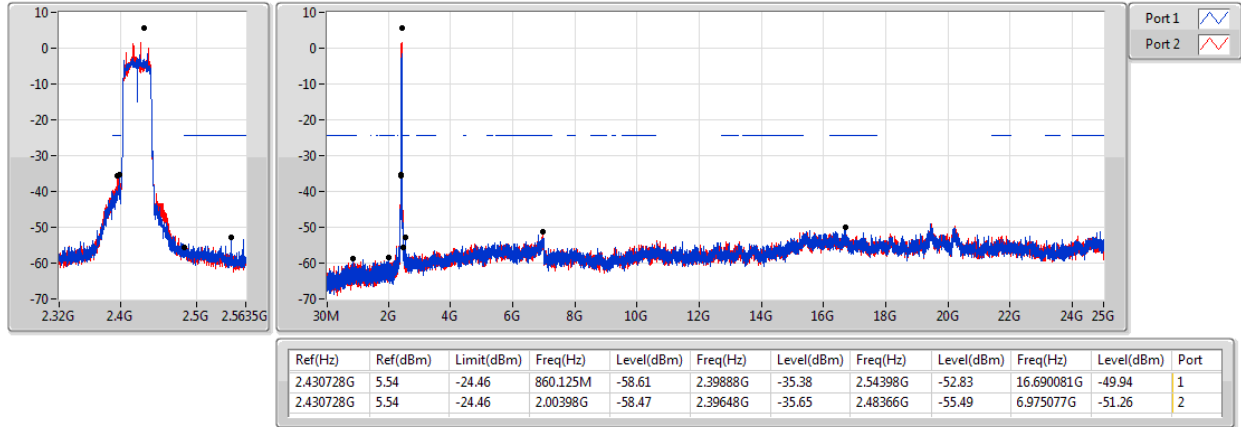
2462MHz



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

CSE NdB

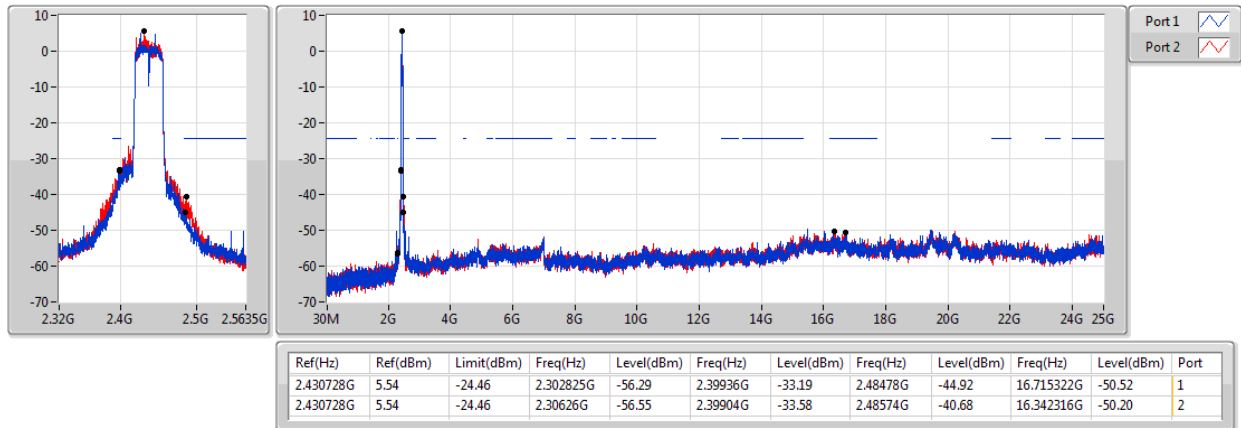
2422MHz



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

CSE NdB

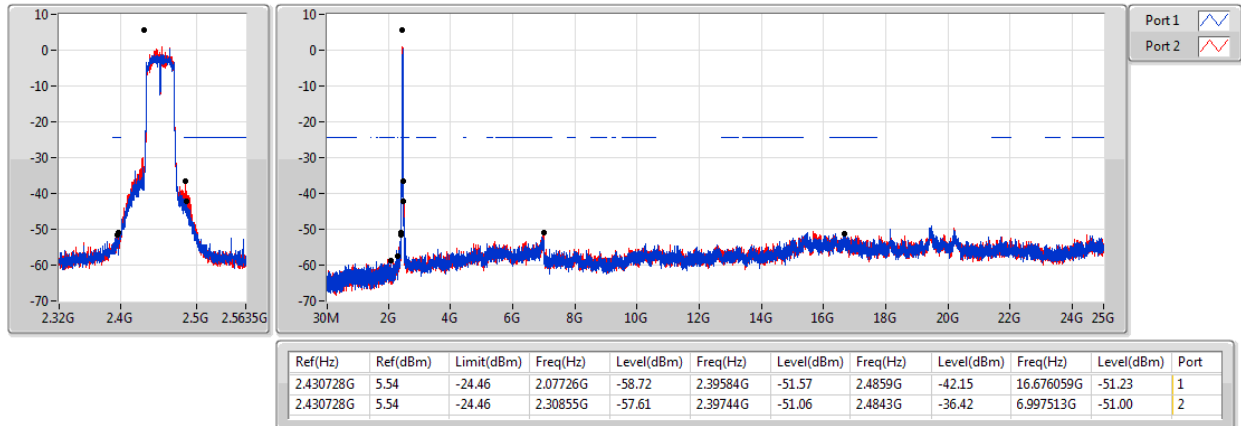
2437MHz



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

CSE NdB

2452MHz





For Set 1 antennas / 3TX:  
<For Non-Beamforming Mode>  
Summary

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                  | Pass   | 2.425718G   | 3.92         | -26.08         | 2.302825G    | -56.47         | 2.39792G     | -35.05         | 2.48446G     | -45.82         | 6.918986G    | -52.43         | 2    |

## Result

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.309905G    | -55.08         | 2.39648G     | -28.53         | 2.50622G     | -50.60         | 6.95699G     | -51.70         | 1    |
| 2412MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 1.836915G    | -58.45         | 2.396G       | -27.89         | 2.50918G     | -50.47         | 6.917656G    | -51.88         | 2    |
| 2412MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.309905G    | -57.50         | 2.39448G     | -28.86         | 2.49142G     | -49.55         | 6.990704G    | -51.64         | 3    |
| 2437MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.30641G     | -57.62         | 2.39952G     | -43.72         | 2.48542G     | -47.06         | 6.794035G    | -51.68         | 1    |
| 2437MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.302915G    | -57.91         | 2.39952G     | -44.56         | 2.48446G     | -46.18         | 6.650747G    | -50.85         | 2    |
| 2437MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.307575G    | -57.87         | 2.39984G     | -46.31         | 2.4859G      | -47.73         | 6.900798G    | -51.51         | 3    |
| 2462MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.30874G     | -56.09         | 2.39632G     | -53.14         | 2.48766G     | -48.59         | 6.959799G    | -50.89         | 1    |
| 2462MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.30641G     | -54.14         | 2.39224G     | -52.52         | 2.48894G     | -48.43         | 6.985085G    | -51.80         | 2    |
| 2462MHz                        | Pass   | 2.435905G   | 15.06        | -14.94         | 2.30874G     | -55.86         | 2.39816G     | -52.36         | 2.48598G     | -45.24         | 6.704129G    | -51.56         | 3    |
| 802.11g_(6Mbps)_3TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 911.905M     | -58.35         | 2.39704G     | -35.07         | 2.5003G      | -55.24         | 6.95418G     | -52.16         | 1    |
| 2412MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.30874G     | -59.15         | 2.39888G     | -32.27         | 2.50334G     | -55.59         | 6.906418G    | -51.23         | 2    |
| 2412MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 1.75187G     | -58.30         | 2.39696G     | -33.17         | 2.49998G     | -53.98         | 6.853036G    | -51.40         | 3    |
| 2437MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.305245G    | -56.96         | 2.39984G     | -41.24         | 2.48358G     | -49.17         | 6.996324G    | -51.88         | 1    |
| 2437MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.302915G    | -58.35         | 2.39864G     | -36.07         | 2.4847G      | -43.98         | 6.897989G    | -52.27         | 2    |
| 2437MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.305245G    | -55.88         | 2.39952G     | -33.85         | 2.48574G     | -44.33         | 6.979466G    | -50.89         | 3    |
| 2462MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.305245G    | -58.66         | 2.39176G     | -56.21         | 2.48382G     | -47.17         | 6.82494G     | -50.87         | 1    |
| 2462MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.30408G     | -57.84         | 2.39944G     | -54.89         | 2.48382G     | -45.51         | 6.853036G    | -52.00         | 2    |
| 2462MHz                        | Pass   | 2.435738G   | 13.35        | -16.65         | 2.305245G    | -57.44         | 2.39944G     | -55.11         | 2.48438G     | -45.55         | 6.965418G    | -50.92         | 3    |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.30175G     | -56.19         | 2.39544G     | -35.00         | 2.50086G     | -54.53         | 6.917656G    | -51.94         | 1    |
| 2412MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.30408G     | -57.23         | 2.39632G     | -34.22         | 2.51326G     | -55.59         | 6.999133G    | -51.37         | 2    |
| 2412MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.309905G    | -58.45         | 2.39672G     | -32.24         | 2.51494G     | -54.83         | 6.976657G    | -52.38         | 3    |
| 2437MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.30874G     | -55.70         | 2.3992G      | -37.68         | 2.48414G     | -47.28         | 6.833369G    | -51.27         | 1    |
| 2437MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.19457G     | -57.24         | 2.39984G     | -34.15         | 2.48382G     | -43.77         | 6.985085G    | -51.75         | 2    |
| 2437MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.302915G    | -57.82         | 2.39736G     | -34.43         | 2.48446G     | -41.13         | 6.996324G    | -51.95         | 3    |
| 2462MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 1.855555G    | -58.06         | 2.39144G     | -56.73         | 2.48374G     | -44.74         | 6.895179G    | -52.23         | 1    |
| 2462MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 2.30408G     | -56.78         | 2.3972G      | -54.48         | 2.4839G      | -45.82         | 6.712558G    | -51.40         | 2    |
| 2462MHz                        | Pass   | 2.435738G   | 13.91        | -16.09         | 1.82643G     | -58.10         | 2.39016G     | -55.64         | 2.48382G     | -44.44         | 6.990704G    | -51.89         | 3    |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 1.84368G     | -57.59         | 2.39808G     | -43.14         | 2.55998G     | -56.21         | 6.618897G    | -52.30         | 1    |
| 2422MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 736.465M     | -58.59         | 2.3984G      | -38.98         | 2.54414G     | -56.61         | 6.795585G    | -51.99         | 2    |
| 2422MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 793.715M     | -59.21         | 2.39728G     | -43.26         | 2.4979G      | -54.63         | 6.958249G    | -52.04         | 3    |
| 2437MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 2.089855G    | -57.80         | 2.39968G     | -35.66         | 2.48414G     | -47.59         | 6.888135G    | -52.24         | 1    |
| 2437MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 2.302825G    | -56.47         | 2.39792G     | -35.05         | 2.48446G     | -45.82         | 6.918986G    | -52.43         | 2    |
| 2437MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 2.158555G    | -59.12         | 2.39776G     | -35.45         | 2.48526G     | -44.60         | 6.795585G    | -52.85         | 3    |
| 2452MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 951.725M     | -57.83         | 2.39952G     | -56.26         | 2.48606G     | -48.71         | 6.868503G    | -51.93         | 1    |
| 2452MHz                        | Pass   | 2.425718G   | 3.92         | -26.08         | 1.64903G     | -58.89         | 2.39952G     | -56.33         | 2.48382G     | -46.14         | 6.801194G    | -51.71         | 2    |



## FCC Test Report

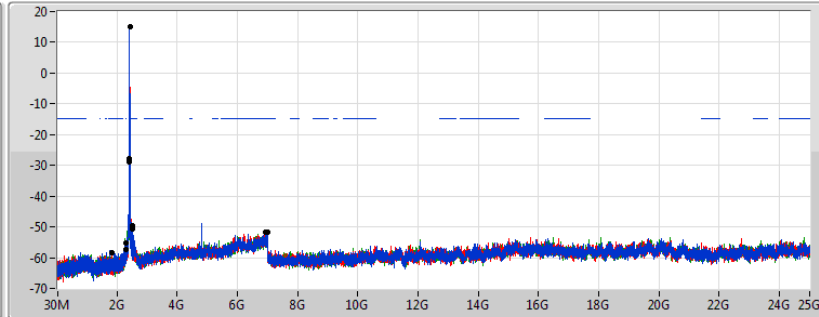
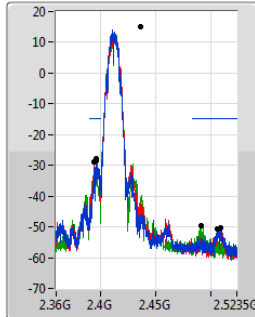
Report No. : FR760613AA

| Mode    | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2452MHz | Pass   | 2.425718G   | 3.92         | -26.08         | 1.87345G     | -57.93         | 2.39984G     | -55.60         | 2.4875G      | -47.23         | 6.947031G    | -50.81         | 3    |

### 802.11b\_(1Mbps)\_3TX

CSE NdB

2412MHz



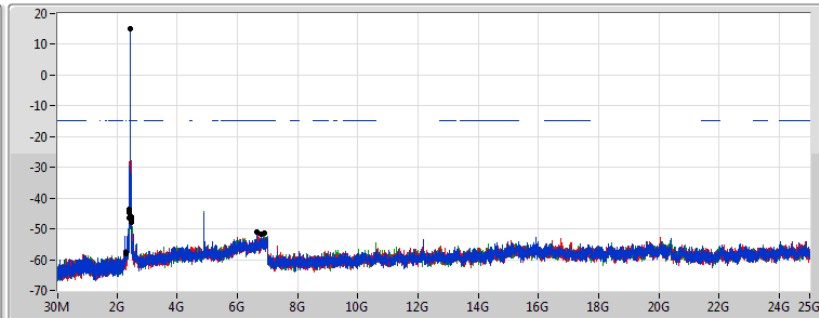
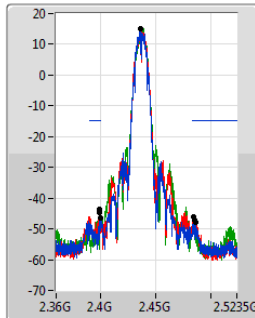
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435905G | 15.06    | -14.94     | 2.309905G | -55.08     | 2.39648G | -28.53     | 2.50622G | -50.60     | 6.95699G  | -51.70     | 1    |
| 2.435905G | 15.06    | -14.94     | 1.836915G | -58.45     | 2.396G   | -27.89     | 2.50918G | -50.47     | 6.917656G | -51.88     | 2    |
| 2.435905G | 15.06    | -14.94     | 2.309905G | -57.50     | 2.39448G | -28.86     | 2.49142G | -49.55     | 6.990704G | -51.64     | 3    |

### 802.11b\_(1Mbps)\_3TX

CSE NdB

2437MHz



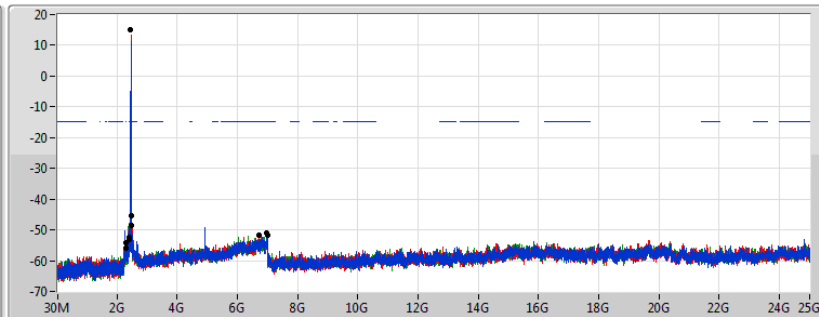
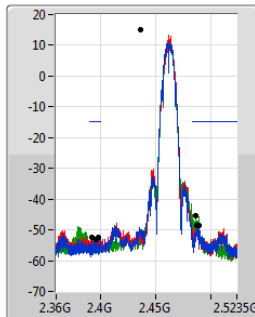
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435905G | 15.06    | -14.94     | 2.30641G  | -57.62     | 2.39952G | -43.72     | 2.48542G | -47.06     | 6.794035G | -51.68     | 1    |
| 2.435905G | 15.06    | -14.94     | 2.302915G | -57.91     | 2.39952G | -44.56     | 2.48446G | -46.18     | 6.650747G | -50.85     | 2    |
| 2.435905G | 15.06    | -14.94     | 2.307575G | -57.87     | 2.39984G | -46.31     | 2.4859G  | -47.73     | 6.900798G | -51.51     | 3    |

### 802.11b\_(1Mbps)\_3TX

CSE NdB

2462MHz



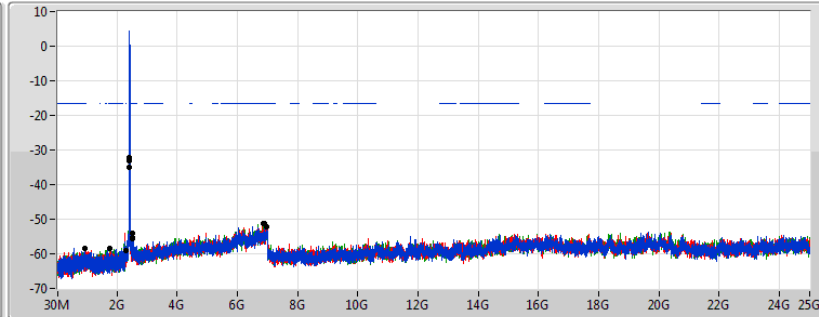
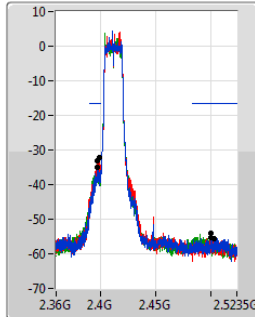
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435905G | 15.06    | -14.94     | 2.30874G | -56.09     | 2.39632G | -53.14     | 2.48766G | -48.59     | 6.959799G | -50.89     | 1    |
| 2.435905G | 15.06    | -14.94     | 2.30641G | -54.14     | 2.39224G | -52.52     | 2.48894G | -48.43     | 6.985085G | -51.80     | 2    |
| 2.435905G | 15.06    | -14.94     | 2.30874G | -55.86     | 2.39816G | -52.36     | 2.48598G | -45.24     | 6.704129G | -51.56     | 3    |

### 802.11g\_(6Mbps)\_3TX

CSE NdB

2412MHz



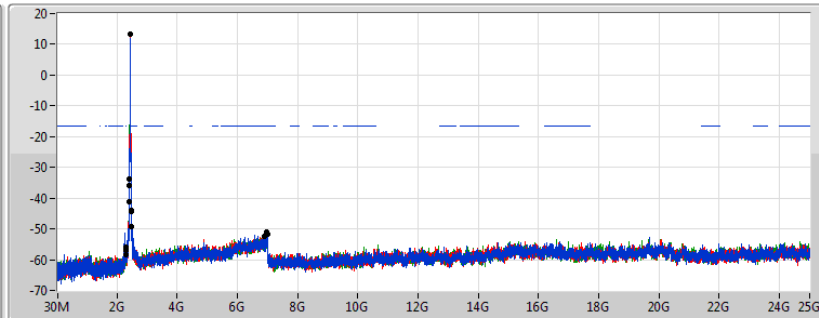
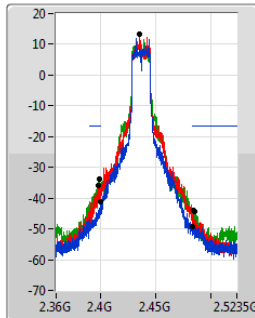
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435738G | 13.35    | -16.65     | 911.905M | -58.35     | 2.39704G | -35.07     | 2.5003G  | -55.24     | 6.95418G  | -52.16     | 1    |
| 2.435738G | 13.35    | -16.65     | 2.30874G | -59.15     | 2.39888G | -32.27     | 2.50334G | -55.59     | 6.906418G | -51.23     | 2    |
| 2.435738G | 13.35    | -16.65     | 1.75187G | -58.30     | 2.39696G | -33.17     | 2.49998G | -53.98     | 6.853036G | -51.40     | 3    |

### 802.11g\_(6Mbps)\_3TX

CSE NdB

2437MHz



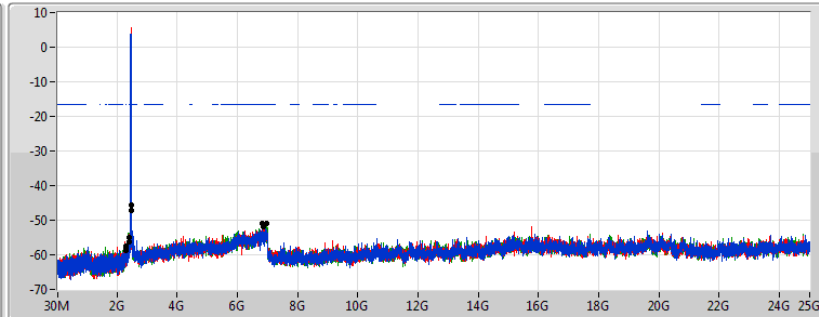
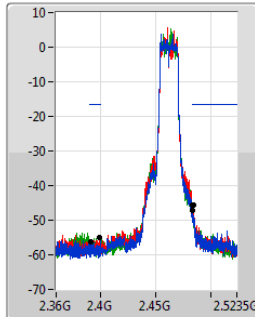
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435738G | 13.35    | -16.65     | 2.305245G | -56.96     | 2.39984G | -41.24     | 2.48358G | -49.17     | 6.996324G | -51.88     | 1    |
| 2.435738G | 13.35    | -16.65     | 2.302915G | -58.35     | 2.39864G | -36.07     | 2.4847G  | -43.98     | 6.897989G | -52.27     | 2    |
| 2.435738G | 13.35    | -16.65     | 2.305245G | -55.88     | 2.39952G | -33.85     | 2.48574G | -44.33     | 6.979466G | -50.89     | 3    |

### 802.11g\_(6Mbps)\_3TX

CSE NdB

2462MHz



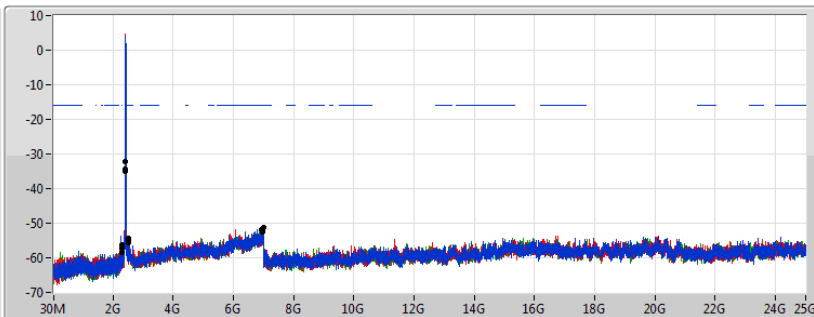
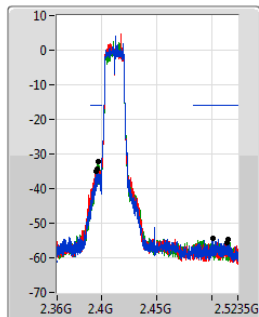
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435738G | 13.35    | -16.65     | 2.305245G | -58.66     | 2.39176G | -56.21     | 2.48382G | -47.17     | 6.82494G  | -50.87     | 1    |
| 2.435738G | 13.35    | -16.65     | 2.30408G  | -57.84     | 2.39944G | -54.89     | 2.48382G | -45.51     | 6.853036G | -52.00     | 2    |
| 2.435738G | 13.35    | -16.65     | 2.305245G | -57.44     | 2.39944G | -55.11     | 2.48438G | -45.55     | 6.965418G | -50.92     | 3    |

### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

CSE NdB

2412MHz



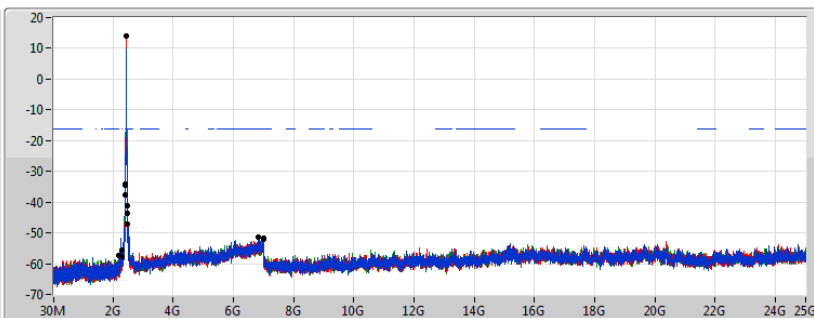
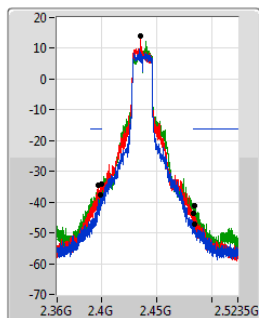
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435738G | 13.91    | -16.09     | 2.30175G  | -56.19     | 2.39544G | -35.00     | 2.50086G | -54.53     | 6.917656G | -51.94     | 1    |
| 2.435738G | 13.91    | -16.09     | 2.30408G  | -57.23     | 2.39632G | -34.22     | 2.51326G | -55.59     | 6.999133G | -51.37     | 2    |
| 2.435738G | 13.91    | -16.09     | 2.309905G | -58.45     | 2.39672G | -32.24     | 2.51494G | -54.83     | 6.976657G | -52.38     | 3    |

### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

CSE NdB

2437MHz



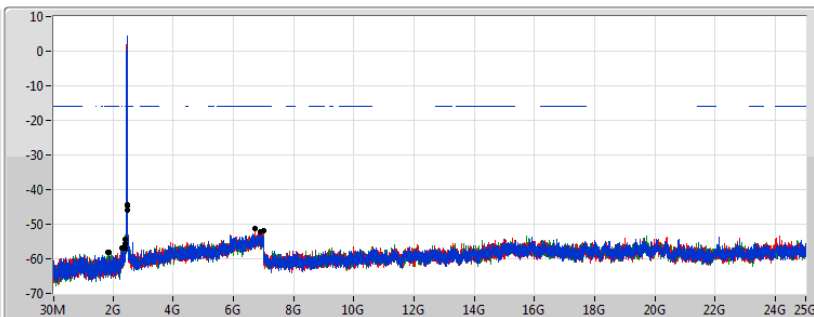
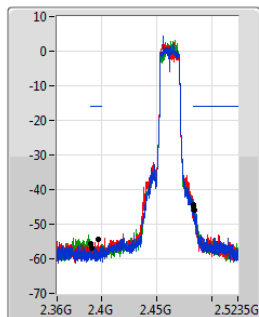
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435738G | 13.91    | -16.09     | 2.30874G  | -55.70     | 2.3992G  | -37.68     | 2.48414G | -47.28     | 6.833369G | -51.27     | 1    |
| 2.435738G | 13.91    | -16.09     | 2.19457G  | -57.24     | 2.39984G | -34.15     | 2.48382G | -43.77     | 6.985085G | -51.75     | 2    |
| 2.435738G | 13.91    | -16.09     | 2.302915G | -57.82     | 2.39736G | -34.43     | 2.48446G | -41.13     | 6.996324G | -51.95     | 3    |

### 802.11ac VHT20\_Nss1,(MCS0)\_3TX

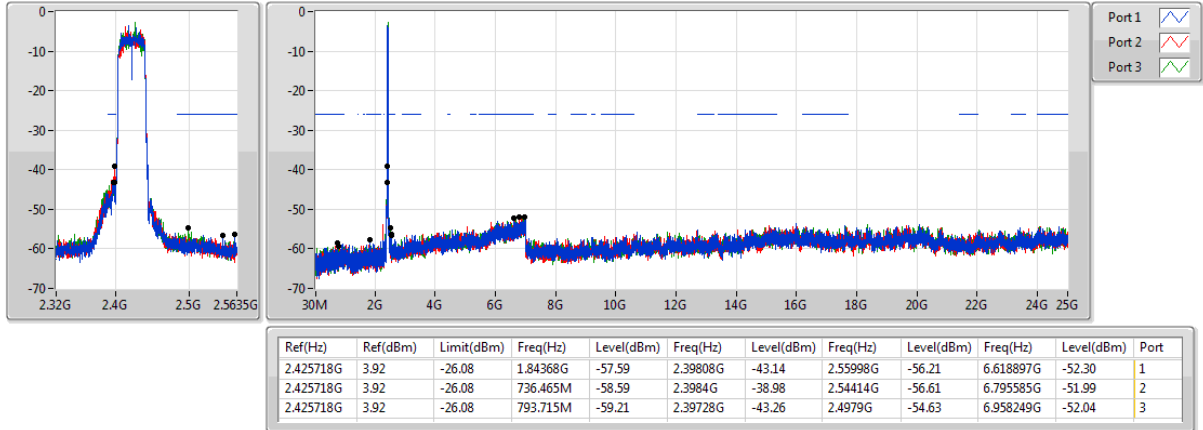
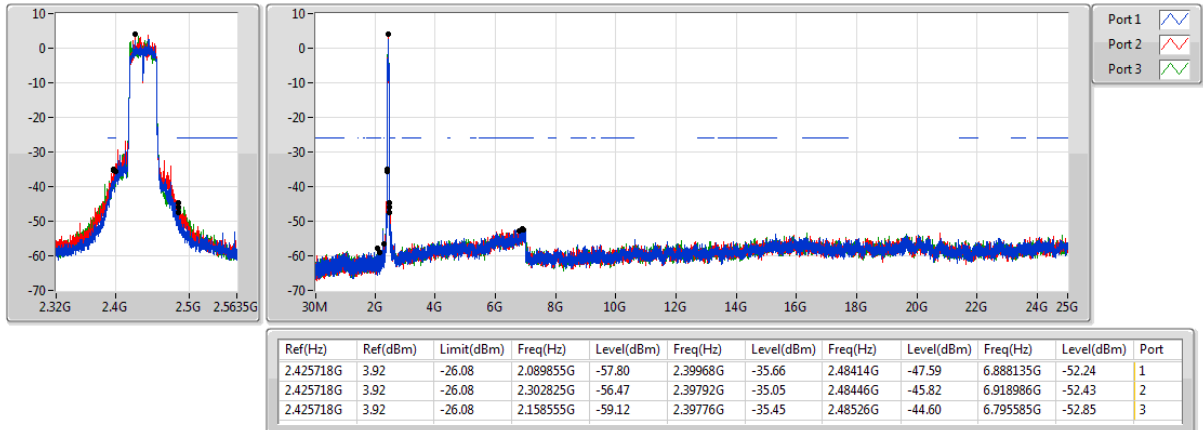
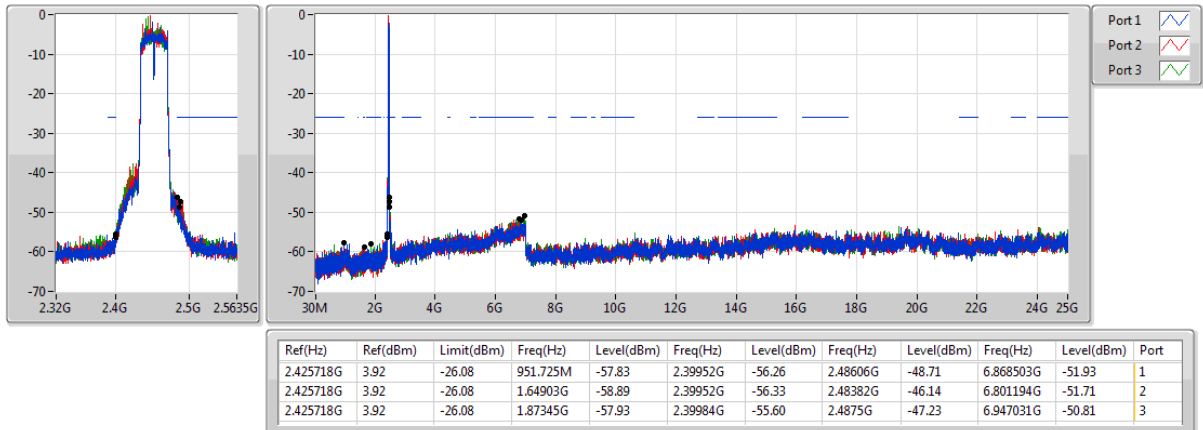
CSE NdB

2462MHz



Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.435738G | 13.91    | -16.09     | 1.855555G | -58.06     | 2.39144G | -56.73     | 2.48374G | -44.74     | 6.895179G | -52.23     | 1    |
| 2.435738G | 13.91    | -16.09     | 2.30408G  | -56.78     | 2.3972G  | -54.48     | 2.4839G  | -45.82     | 6.712558G | -51.40     | 2    |
| 2.435738G | 13.91    | -16.09     | 1.82643G  | -58.10     | 2.39016G | -55.64     | 2.48382G | -44.44     | 6.990704G | -51.89     | 3    |

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**CSE NdB**
**2422MHz**

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**CSE NdB**
**2437MHz**

**802.11ac VHT40\_Nss1,(MCS0)\_3TX**
**CSE NdB**
**2452MHz**


**<For Beamforming Mode>****Summary**

| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                     | Pass   | 2.431897G   | 5.80         | -24.20         | 2.305115G    | -56.83         | 2.39952G     | -32.64         | 2.48542G     | -41.81         | 16.687277G   | -51.04         | 2    |

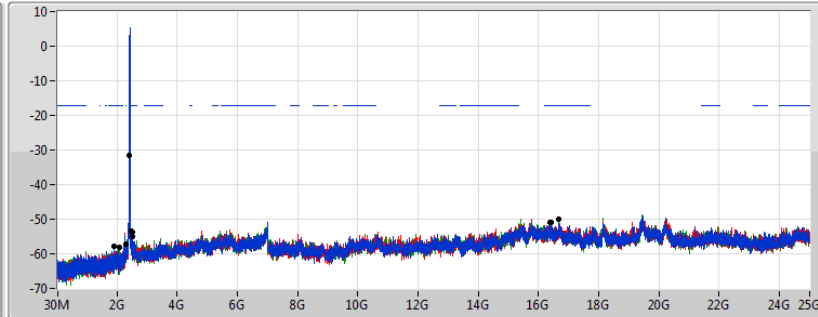
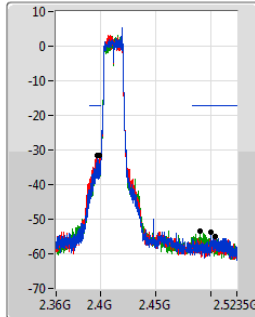
**Result**

| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 1.91031G     | -57.81         | 2.39704G     | -31.71         | 2.49998G     | -53.90         | 16.411167G   | -50.87         | 1    |
| 2412MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.30874G     | -57.27         | 2.39952G     | -31.63         | 2.50398G     | -54.92         | 16.360595G   | -51.01         | 2    |
| 2412MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.062925G    | -57.97         | 2.3992G      | -31.61         | 2.49006G     | -53.55         | 16.680885G   | -50.01         | 3    |
| 2437MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.300585G    | -56.40         | 2.3992G      | -42.53         | 2.48382G     | -49.53         | 2.557215G    | -50.41         | 1    |
| 2437MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.302915G    | -57.28         | 2.39888G     | -35.80         | 2.48382G     | -48.43         | 16.753934G   | -50.97         | 2    |
| 2437MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.300585G    | -56.36         | 2.39856G     | -36.76         | 2.4839G      | -47.43         | 16.694933G   | -50.87         | 3    |
| 2462MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.309905G    | -58.57         | 2.39424G     | -56.21         | 2.48382G     | -45.28         | 16.366214G   | -50.17         | 1    |
| 2462MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 2.30408G     | -57.47         | 2.39512G     | -54.22         | 2.48406G     | -45.25         | 16.700552G   | -51.00         | 2    |
| 2462MHz                           | Pass   | 2.435738G   | 12.93        | -17.07         | 1.909145G    | -58.00         | 2.39008G     | -53.97         | 2.4851G      | -45.32         | 16.706172G   | -51.11         | 3    |
| 802.11ac VHT40-BF_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.300535G    | -58.32         | 2.39888G     | -36.35         | 2.55998G     | -52.73         | 16.619967G   | -51.22         | 1    |
| 2422MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.302825G    | -58.48         | 2.39072G     | -35.90         | 2.48558G     | -54.96         | 16.684472G   | -50.20         | 2    |
| 2422MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.05894G     | -59.18         | 2.39888G     | -35.61         | 2.4851G      | -54.59         | 16.667645G   | -51.43         | 3    |
| 2437MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.300535G    | -55.48         | 2.39856G     | -36.64         | 2.48414G     | -46.36         | 15.343891G   | -51.25         | 1    |
| 2437MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.305115G    | -56.83         | 2.39952G     | -32.64         | 2.48542G     | -41.81         | 16.687277G   | -51.04         | 2    |
| 2437MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.300535G    | -58.07         | 2.39952G     | -33.02         | 2.48622G     | -43.55         | 16.69569G    | -50.98         | 3    |
| 2452MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.30855G     | -57.28         | 2.3992G      | -52.24         | 2.4843G      | -43.76         | 16.34512G    | -50.94         | 1    |
| 2452MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.305115G    | -57.89         | 2.39984G     | -52.54         | 2.4843G      | -40.73         | 16.34512G    | -50.88         | 2    |
| 2452MHz                           | Pass   | 2.431897G   | 5.80         | -24.20         | 2.302825G    | -57.79         | 2.39968G     | -50.69         | 2.48446G     | -39.13         | 16.678863G   | -50.01         | 3    |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

CSE NdB

2412MHz



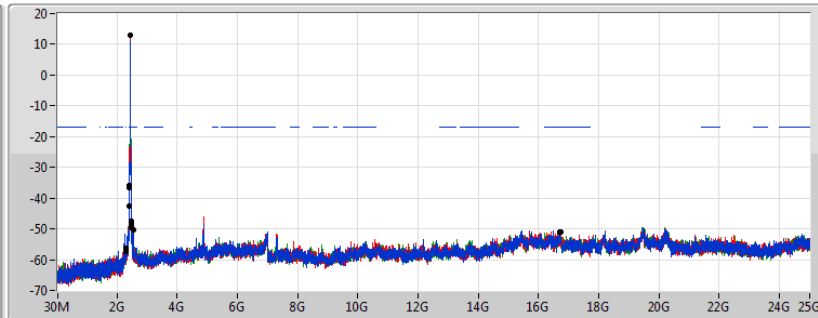
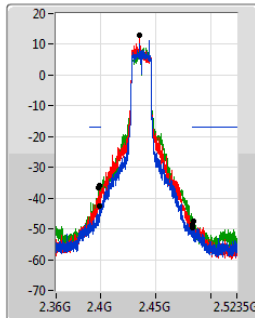
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435738G | 12.93    | -17.07     | 1.91031G  | -57.81     | 2.39704G | -31.71     | 2.49998G | -53.90     | 16.411167G | -50.87     | 1    |
| 2.435738G | 12.93    | -17.07     | 2.30874G  | -57.27     | 2.39952G | -31.63     | 2.50398G | -54.92     | 16.360595G | -51.01     | 2    |
| 2.435738G | 12.93    | -17.07     | 2.062925G | -57.97     | 2.3992G  | -31.61     | 2.49006G | -53.55     | 16.680885G | -50.01     | 3    |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

CSE NdB

2437MHz



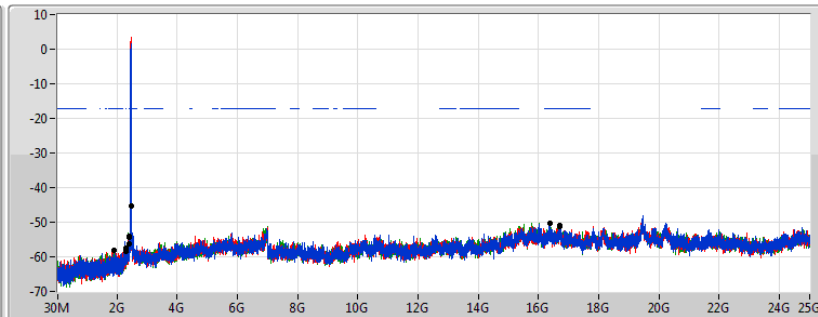
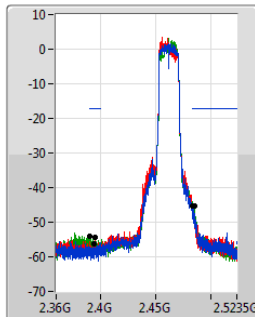
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435738G | 12.93    | -17.07     | 2.300585G | -56.40     | 2.3992G  | -42.53     | 2.48382G | -49.53     | 2.557215G  | -50.41     | 1    |
| 2.435738G | 12.93    | -17.07     | 2.302915G | -57.28     | 2.39888G | -35.80     | 2.48382G | -48.43     | 16.753934G | -50.97     | 2    |
| 2.435738G | 12.93    | -17.07     | 2.300585G | -56.36     | 2.39856G | -36.76     | 2.4839G  | -47.43     | 16.694933G | -50.87     | 3    |

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_3TX

CSE NdB

2462MHz



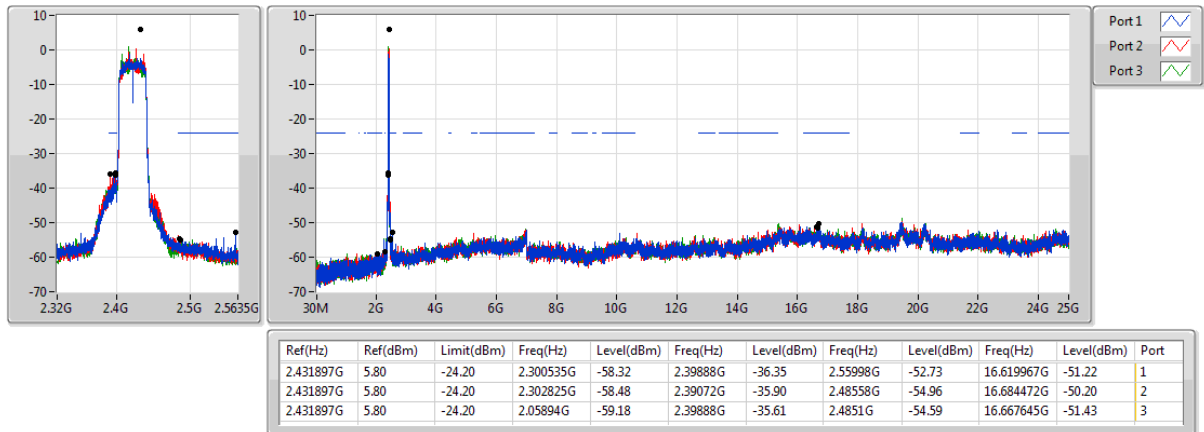
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435738G | 12.93    | -17.07     | 2.309905G | -58.57     | 2.39424G | -56.21     | 2.48382G | -45.28     | 16.366214G | -50.17     | 1    |
| 2.435738G | 12.93    | -17.07     | 2.30408G  | -57.47     | 2.39512G | -54.22     | 2.48406G | -45.25     | 16.700552G | -51.00     | 2    |
| 2.435738G | 12.93    | -17.07     | 1.909145G | -58.00     | 2.39008G | -53.97     | 2.4851G  | -45.32     | 16.706172G | -51.11     | 3    |

### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

CSE NdB

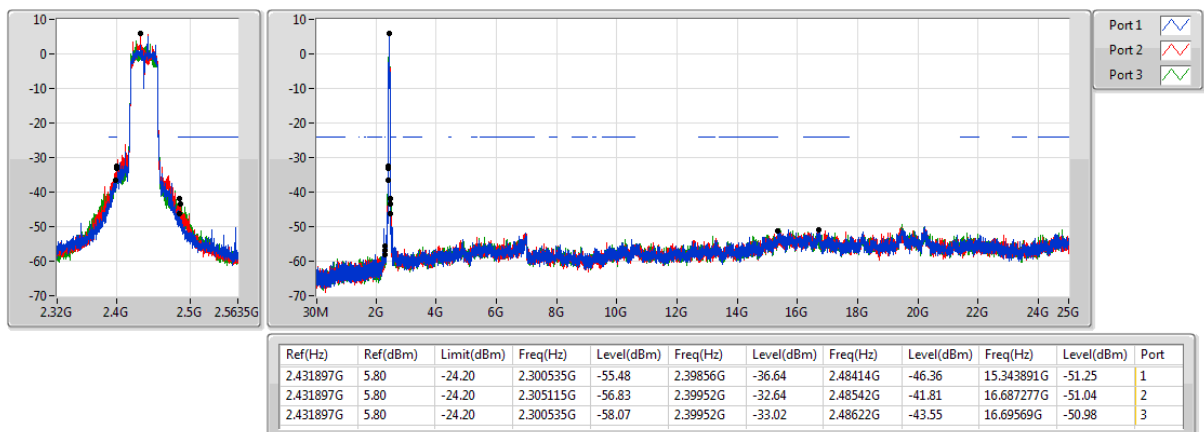
2422MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

CSE NdB

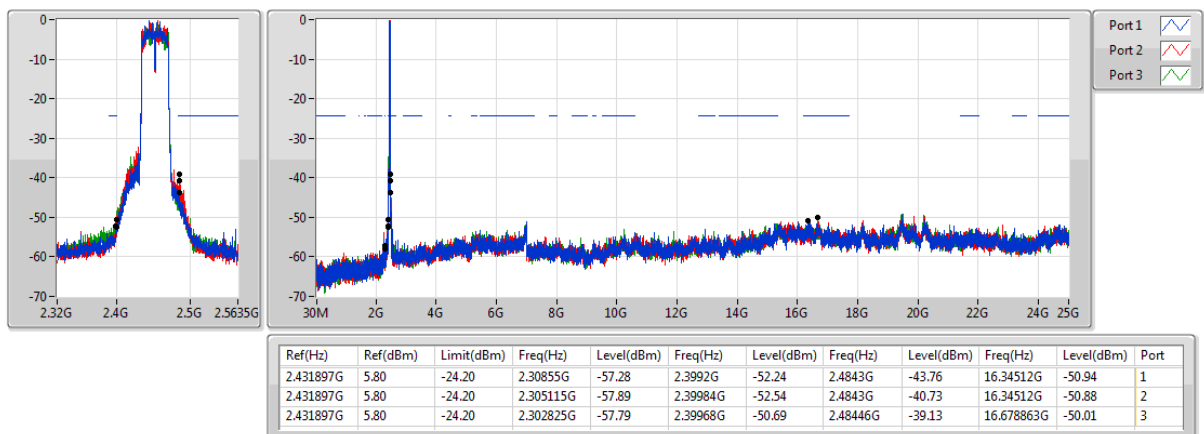
2437MHz



### 802.11ac VHT40-BF\_Nss1,(MCS0)\_3TX

CSE NdB

2452MHz



**For Set 3 antennas / 1TX:****Summary**

| Mode                          | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40_Nss1(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                 | Pass   | 2.432064G   | 2.91         | -27.09         | 2.30855G     | -58.12         | 2.39792G     | -37.10         | 2.48446G     | -47.46         | 16.684472G   | -50.77         | 1    |

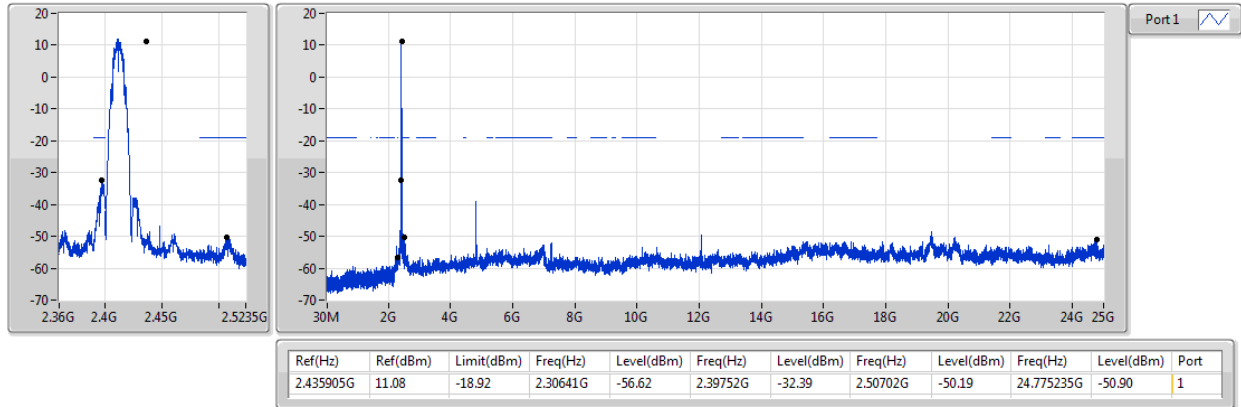
**Result**

| Mode                          | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_(1Mbps)_1TX           | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                       | Pass   | 2.435905G   | 11.08        | -18.92         | 2.30641G     | -56.62         | 2.39752G     | -32.39         | 2.50702G     | -50.19         | 24.775235G   | -50.90         | 1    |
| 2437MHz                       | Pass   | 2.435905G   | 11.08        | -18.92         | 2.300585G    | -56.29         | 2.39056G     | -49.04         | 2.48542G     | -49.31         | 16.374643G   | -50.69         | 1    |
| 2462MHz                       | Pass   | 2.435905G   | 11.08        | -18.92         | 2.307575G    | -56.07         | 2.39304G     | -52.07         | 2.4875G      | -48.29         | 16.391501G   | -50.87         | 1    |
| 802.11g_(6Mbps)_1TX           | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                       | Pass   | 2.430728G   | 9.49         | -20.51         | 2.30175G     | -58.53         | 2.39888G     | -32.98         | 2.49998G     | -55.04         | 16.711791G   | -51.19         | 1    |
| 2437MHz                       | Pass   | 2.430728G   | 9.49         | -20.51         | 2.30408G     | -56.91         | 2.39536G     | -49.71         | 2.48558G     | -50.89         | 16.391501G   | -51.45         | 1    |
| 2462MHz                       | Pass   | 2.430728G   | 9.49         | -20.51         | 2.30874G     | -57.70         | 2.39056G     | -55.64         | 2.48382G     | -47.26         | 16.220117G   | -50.84         | 1    |
| 802.11ac VHT20_Nss1(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                       | Pass   | 2.433233G   | 8.39         | -21.61         | 1.718085G    | -58.73         | 2.39824G     | -32.26         | 2.50206G     | -54.70         | 16.65279G    | -51.41         | 1    |
| 2437MHz                       | Pass   | 2.433233G   | 8.39         | -21.61         | 2.30641G     | -53.90         | 2.39576G     | -47.02         | 2.48446G     | -51.55         | 16.259451G   | -50.59         | 1    |
| 2462MHz                       | Pass   | 2.433233G   | 8.39         | -21.61         | 2.01982G     | -58.97         | 2.39496G     | -56.29         | 2.4847G      | -45.51         | 16.39712G    | -51.03         | 1    |
| 802.11ac VHT40_Nss1(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                       | Pass   | 2.432064G   | 2.91         | -27.09         | 1.998255G    | -58.59         | 2.39824G     | -41.35         | 2.54398G     | -56.28         | 15.3495G     | -49.61         | 1    |
| 2437MHz                       | Pass   | 2.432064G   | 2.91         | -27.09         | 2.30855G     | -58.12         | 2.39792G     | -37.10         | 2.48446G     | -47.46         | 16.684472G   | -50.77         | 1    |
| 2452MHz                       | Pass   | 2.432064G   | 2.91         | -27.09         | 2.30168G     | -58.52         | 2.39952G     | -51.73         | 2.48558G     | -42.78         | 16.673254G   | -51.41         | 1    |

## 802.11b\_(1Mbps)\_1TX

CSE NdB

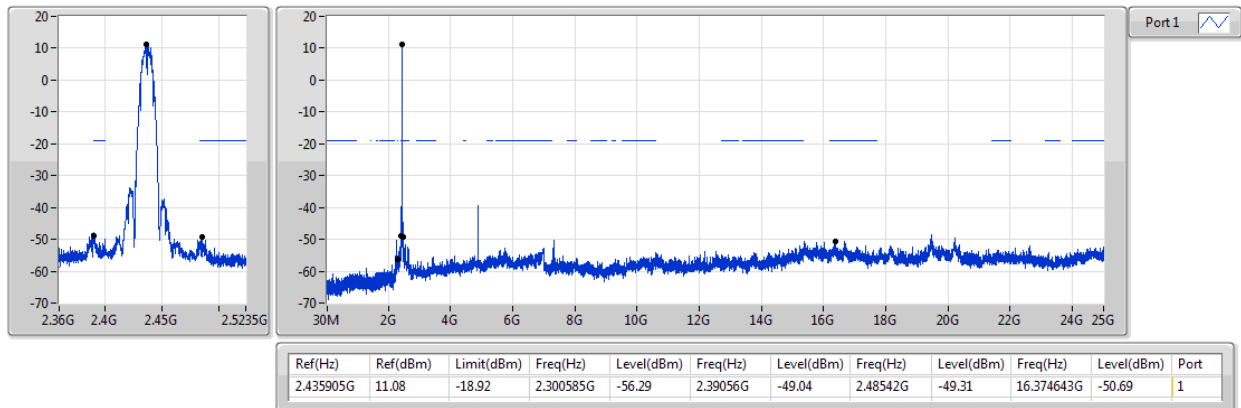
2412MHz



## 802.11b\_(1Mbps)\_1TX

CSE NdB

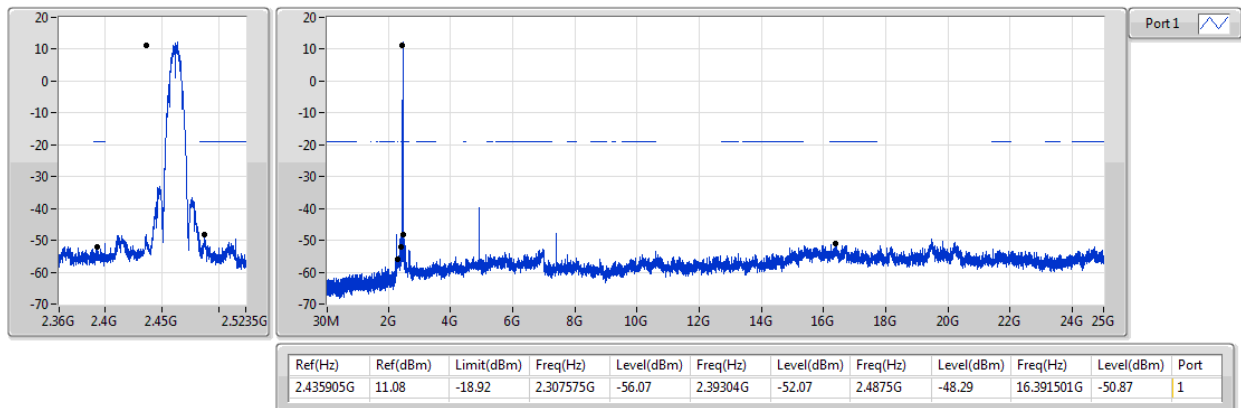
2437MHz



## 802.11b\_(1Mbps)\_1TX

CSE NdB

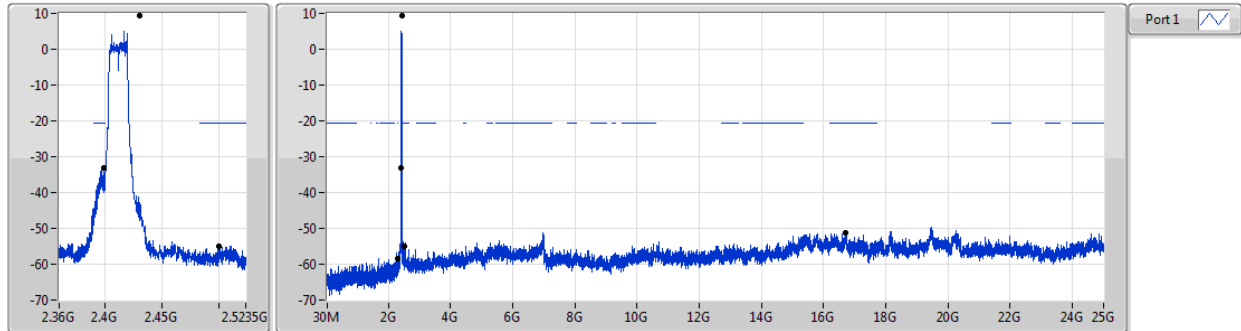
2462MHz



## 802.11g\_(6Mbps)\_1TX

CSE NdB

2412MHz

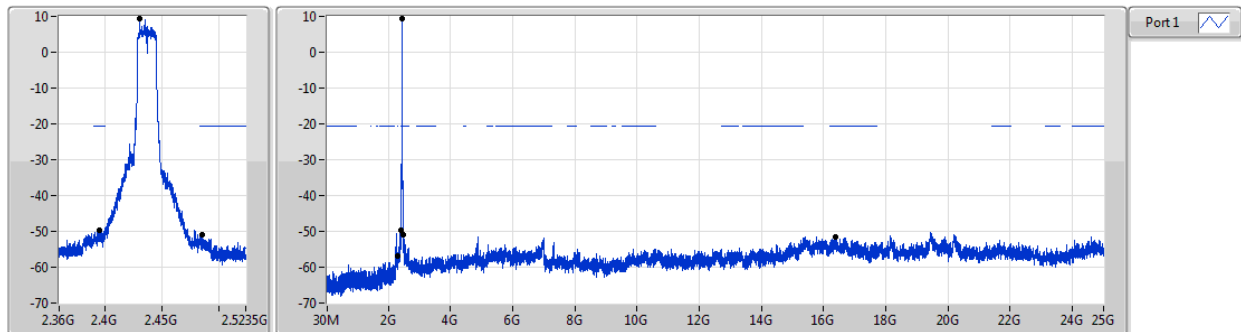


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.430728G | 9.49     | -20.51     | 2.30175G | -58.53     | 2.39888G | -32.98     | 2.49998G | -55.04     | 16.711791G | -51.19     | 1    |

## 802.11g\_(6Mbps)\_1TX

CSE NdB

2437MHz

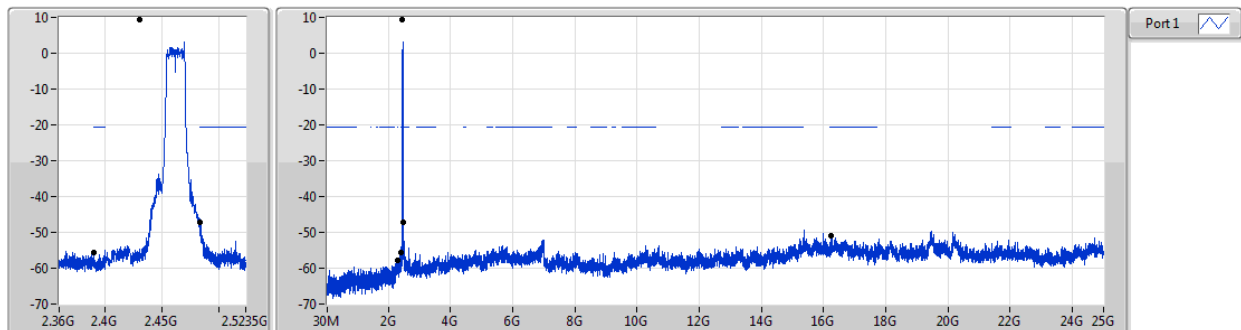


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.430728G | 9.49     | -20.51     | 2.30408G | -56.91     | 2.39536G | -49.71     | 2.48558G | -50.89     | 16.391501G | -51.45     | 1    |

## 802.11g\_(6Mbps)\_1TX

CSE NdB

2462MHz

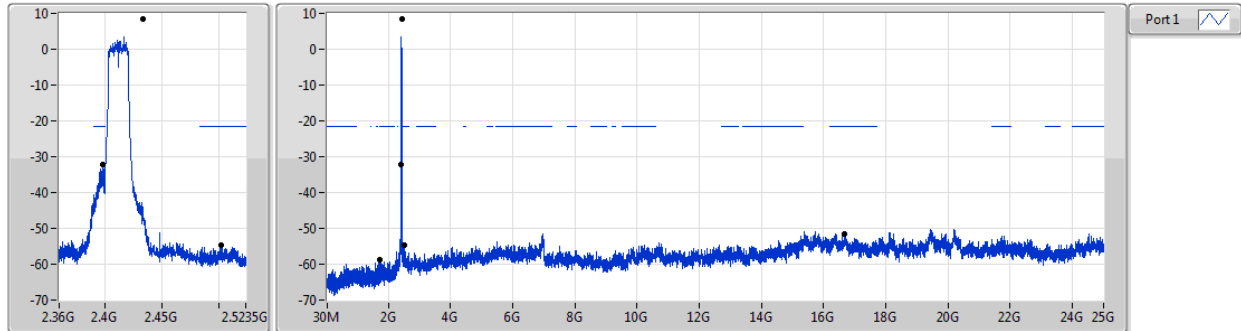


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.430728G | 9.49     | -20.51     | 2.30874G | -57.70     | 2.39056G | -55.64     | 2.48382G | -47.26     | 16.220117G | -50.84     | 1    |

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

CSE NdB

2412MHz

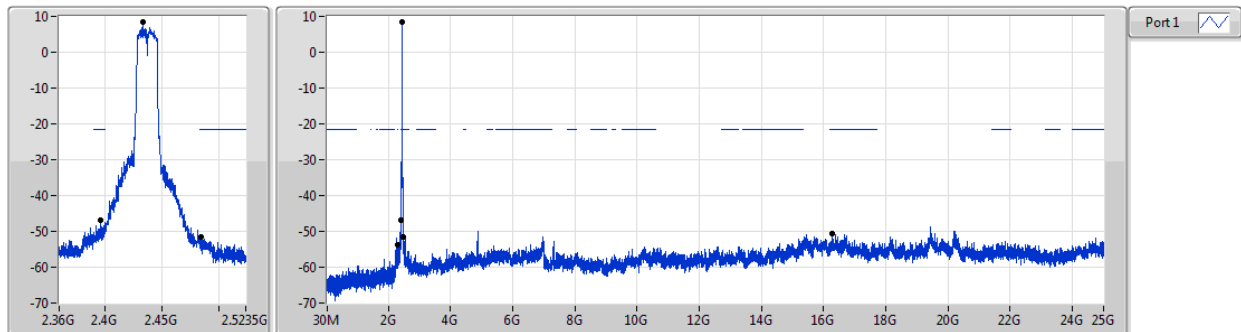


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.433233G | 8.39     | -21.61     | 1.718085G | -58.73     | 2.39824G | -32.26     | 2.50206G | -54.70     | 16.65279G | -51.41     | 1    |

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

CSE NdB

2437MHz

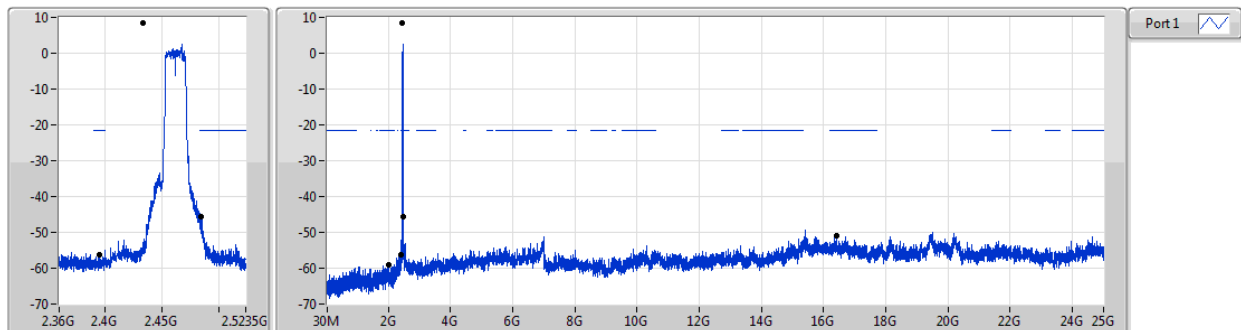


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.433233G | 8.39     | -21.61     | 2.30641G | -53.90     | 2.39576G | -47.02     | 2.48446G | -51.55     | 16.259451G | -50.59     | 1    |

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

CSE NdB

2462MHz

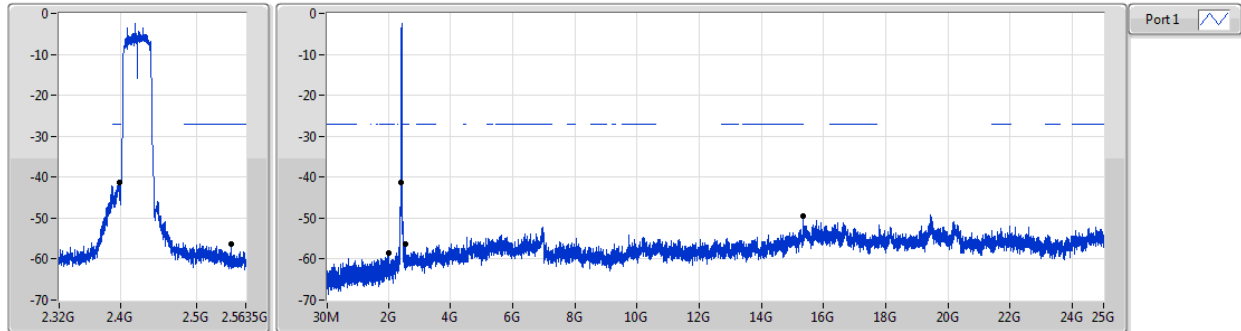


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.433233G | 8.39     | -21.61     | 2.01982G | -58.97     | 2.39496G | -56.29     | 2.4847G  | -45.51     | 16.39712G | -51.03     | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

CSE NdB

2422MHz

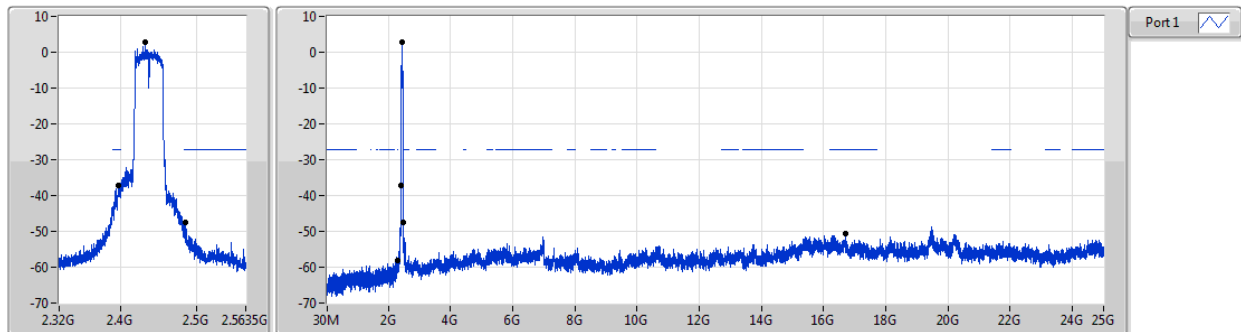


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.432064G | 2.91     | -27.09     | 1.998255G | -58.59     | 2.39824G | -41.35     | 2.54398G | -56.28     | 15.3495G | -49.61     | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

CSE NdB

2437MHz

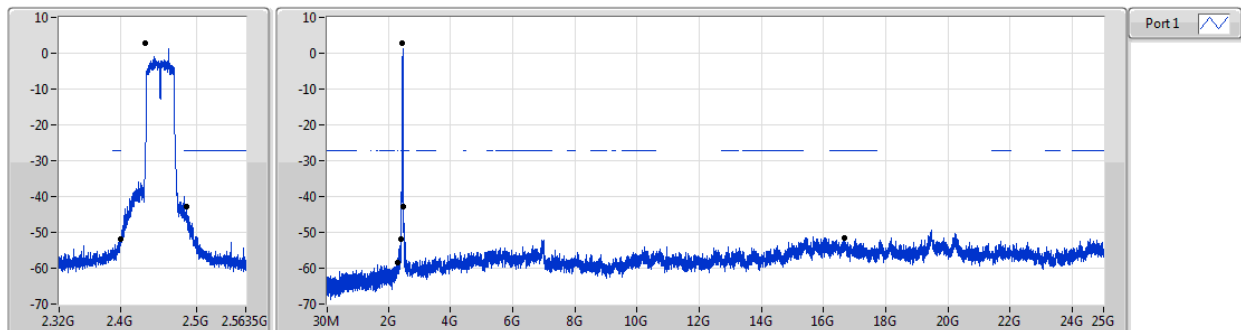


| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.432064G | 2.91     | -27.09     | 2.30855G | -58.12     | 2.39792G | -37.10     | 2.48446G | -47.46     | 16.684472G | -50.77     | 1    |

802.11ac VHT40\_Nss1,(MCS0)\_1TX

CSE NdB

2452MHz



| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.432064G | 2.91     | -27.09     | 2.30168G | -58.52     | 2.39952G | -51.73     | 2.48558G | -42.78     | 16.673254G | -51.41     | 1    |



**For Set 3 antennas / 2TX:**  
**<For Non-Beamforming Mode>**  
**Summary**

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                  | Pass   | 2.432565G   | -1.49        | -31.49         | 1.881465G    | -58.83         | 2.39888G     | -42.02         | 2.48366G     | -53.75         | 24.77283G    | -51.10         | 2    |

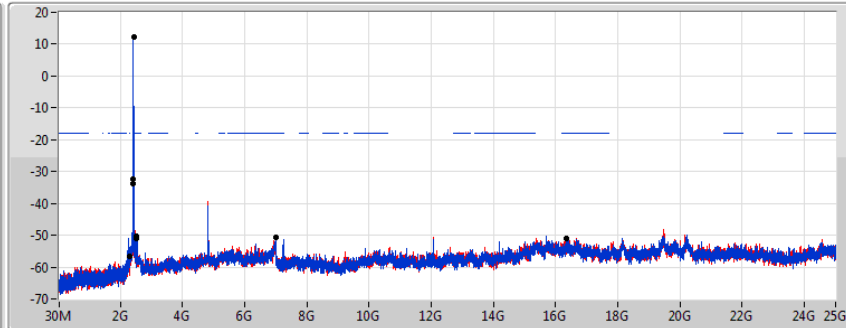
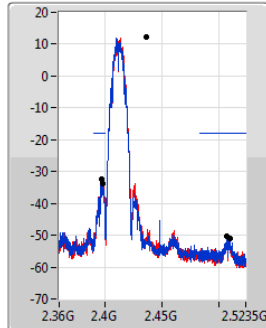
**Result**

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_(1Mbps)_2TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.435905G   | 12.16        | -17.84         | 2.30641G     | -56.78         | 2.398G       | -33.81         | 2.50646G     | -50.20         | 6.987895G    | -50.79         | 1    |
| 2412MHz                        | Pass   | 2.435905G   | 12.16        | -17.84         | 2.309905G    | -56.62         | 2.39752G     | -32.33         | 2.5095G      | -51.02         | 16.357786G   | -50.84         | 2    |
| 2437MHz                        | Pass   | 2.435905G   | 12.16        | -17.84         | 2.307575G    | -55.93         | 2.39096G     | -50.01         | 2.4859G      | -50.39         | 16.383072G   | -50.96         | 1    |
| 2437MHz                        | Pass   | 2.435905G   | 12.16        | -17.84         | 2.30874G     | -57.10         | 2.39152G     | -48.58         | 2.48446G     | -50.42         | 17.35518G    | -50.33         | 2    |
| 2462MHz                        | Pass   | 2.435905G   | 12.16        | -17.84         | 2.309905G    | -55.05         | 2.39072G     | -52.74         | 2.48702G     | -49.92         | 16.321261G   | -51.37         | 1    |
| 2462MHz                        | Pass   | 2.435905G   | 12.16        | -17.84         | 2.300585G    | -58.28         | 2.39616G     | -54.62         | 2.48758G     | -50.03         | 16.388691G   | -50.37         | 2    |
| 802.11g_(6Mbps)_2TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.438243G   | 8.32         | -21.68         | 1.832255G    | -57.86         | 2.39536G     | -42.71         | 2.50166G     | -55.82         | 16.388691G   | -50.65         | 1    |
| 2412MHz                        | Pass   | 2.438243G   | 8.32         | -21.68         | 2.307575G    | -57.07         | 2.39712G     | -41.23         | 2.5135G      | -56.41         | 16.413977G   | -50.82         | 2    |
| 2437MHz                        | Pass   | 2.438243G   | 8.32         | -21.68         | 2.30175G     | -56.27         | 2.39672G     | -48.30         | 2.48382G     | -52.18         | 16.416787G   | -51.67         | 1    |
| 2437MHz                        | Pass   | 2.438243G   | 8.32         | -21.68         | 2.305245G    | -57.21         | 2.39736G     | -46.87         | 2.49246G     | -50.59         | 15.203056G   | -51.16         | 2    |
| 2462MHz                        | Pass   | 2.438243G   | 8.32         | -21.68         | 2.300585G    | -58.63         | 2.39344G     | -57.90         | 2.48382G     | -48.54         | 16.321261G   | -51.26         | 1    |
| 2462MHz                        | Pass   | 2.438243G   | 8.32         | -21.68         | 2.30408G     | -58.01         | 2.39336G     | -58.01         | 2.48382G     | -51.26         | 16.383072G   | -50.28         | 2    |
| 802.11ac VHT20_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.431897G   | 8.79         | -21.21         | 1.990695G    | -57.99         | 2.39672G     | -39.85         | 2.49998G     | -56.25         | 16.708981G   | -51.06         | 1    |
| 2412MHz                        | Pass   | 2.431897G   | 8.79         | -21.21         | 2.305245G    | -57.25         | 2.39984G     | -40.44         | 2.5011G      | -55.89         | 16.697743G   | -50.55         | 2    |
| 2437MHz                        | Pass   | 2.431897G   | 8.79         | -21.21         | 2.30408G     | -53.36         | 2.3992G      | -47.11         | 2.48446G     | -50.21         | 16.363405G   | -50.27         | 1    |
| 2437MHz                        | Pass   | 2.431897G   | 8.79         | -21.21         | 2.30408G     | -56.68         | 2.39984G     | -45.75         | 2.49246G     | -51.95         | 16.638742G   | -51.13         | 2    |
| 2462MHz                        | Pass   | 2.431897G   | 8.79         | -21.21         | 1.967395G    | -59.36         | 2.39112G     | -57.21         | 2.48422G     | -50.21         | 16.627504G   | -50.44         | 1    |
| 2462MHz                        | Pass   | 2.431897G   | 8.79         | -21.21         | 2.30408G     | -58.14         | 2.39616G     | -56.89         | 2.48358G     | -50.77         | 15.231151G   | -51.13         | 2    |
| 802.11ac VHT40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.432565G   | -1.49        | -31.49         | 1.82765G     | -58.61         | 2.39648G     | -45.78         | 2.56014G     | -54.27         | 21.892545G   | -51.04         | 1    |
| 2422MHz                        | Pass   | 2.432565G   | -1.49        | -31.49         | 2.305115G    | -57.57         | 2.39824G     | -45.15         | 2.4907G      | -56.45         | 16.69569G    | -51.43         | 2    |
| 2437MHz                        | Pass   | 2.432565G   | -1.49        | -31.49         | 2.30397G     | -56.97         | 2.39984G     | -43.00         | 2.48526G     | -52.68         | 16.381579G   | -51.16         | 1    |
| 2437MHz                        | Pass   | 2.432565G   | -1.49        | -31.49         | 1.881465G    | -58.83         | 2.39888G     | -42.02         | 2.48366G     | -53.75         | 24.77283G    | -51.10         | 2    |
| 2452MHz                        | Pass   | 2.432565G   | -1.49        | -31.49         | 1.95131G     | -58.58         | 2.39072G     | -57.46         | 2.48494G     | -50.83         | 16.692886G   | -51.15         | 1    |
| 2452MHz                        | Pass   | 2.432565G   | -1.49        | -31.49         | 2.309695G    | -57.18         | 2.3992G      | -55.94         | 2.4851G      | -48.38         | 16.401211G   | -50.72         | 2    |

## 802.11b\_(1Mbps)\_2TX

CSE NdB

2412MHz



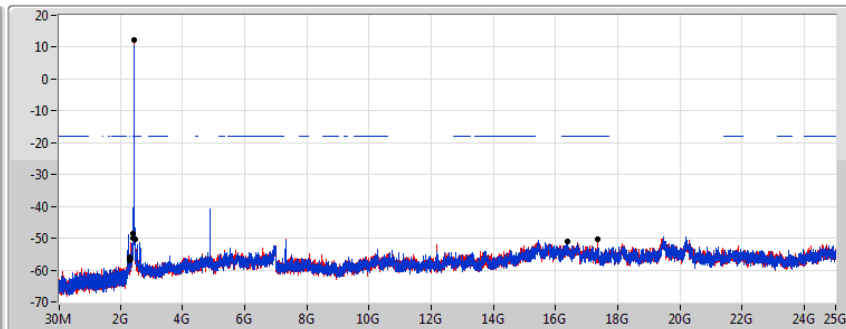
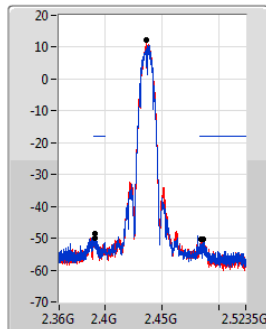
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435905G | 12.16    | -17.84     | 2.30641G  | -56.78     | 2.398G   | -33.81     | 2.50646G | -50.20     | 6.987895G  | -50.79     | 1    |
| 2.435905G | 12.16    | -17.84     | 2.309905G | -56.62     | 2.39752G | -32.33     | 2.5095G  | -51.02     | 16.357786G | -50.84     | 2    |

## 802.11b\_(1Mbps)\_2TX

CSE NdB

2437MHz



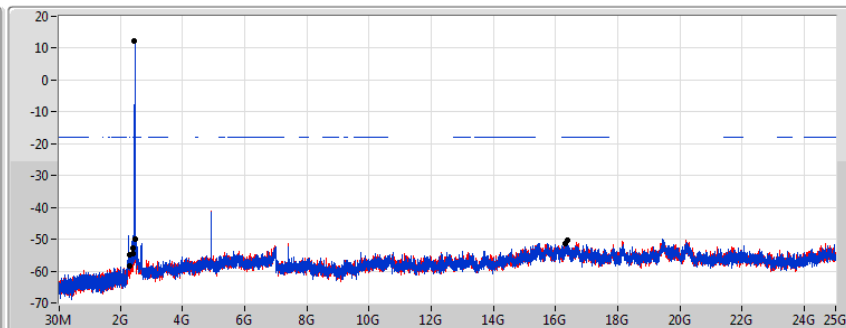
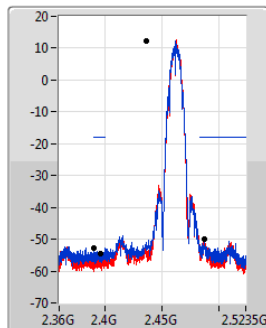
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435905G | 12.16    | -17.84     | 2.307575G | -55.93     | 2.39096G | -50.01     | 2.4859G  | -50.39     | 16.383072G | -50.96     | 1    |
| 2.435905G | 12.16    | -17.84     | 2.30874G  | -57.10     | 2.39152G | -48.58     | 2.48446G | -50.42     | 17.35518G  | -50.33     | 2    |

## 802.11b\_(1Mbps)\_2TX

CSE NdB

2462MHz



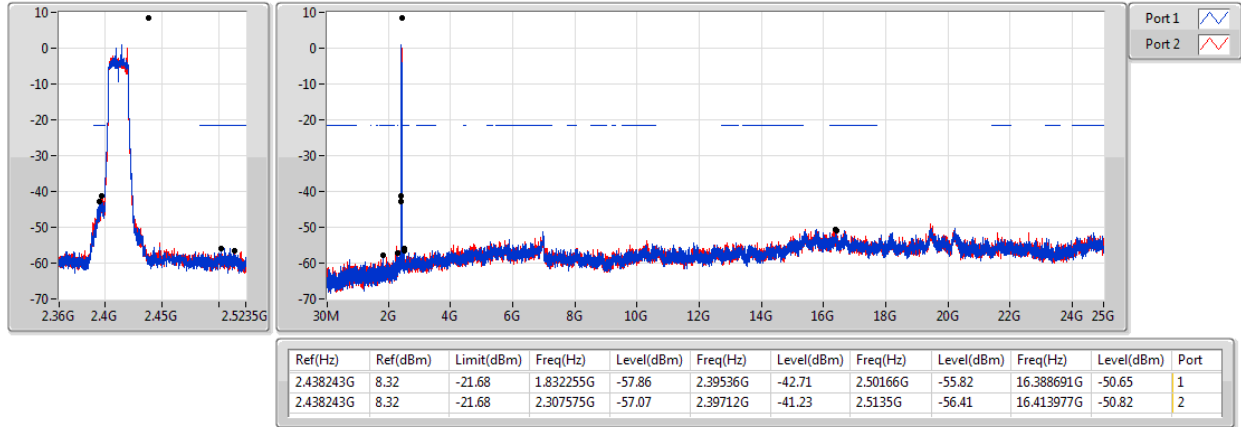
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.435905G | 12.16    | -17.84     | 2.309905G | -55.05     | 2.39072G | -52.74     | 2.48702G | -49.92     | 16.321261G | -51.37     | 1    |
| 2.435905G | 12.16    | -17.84     | 2.300585G | -58.28     | 2.39616G | -54.62     | 2.48758G | -50.03     | 16.388691G | -50.37     | 2    |

### 802.11g\_(6Mbps)\_2TX

CSE NdB

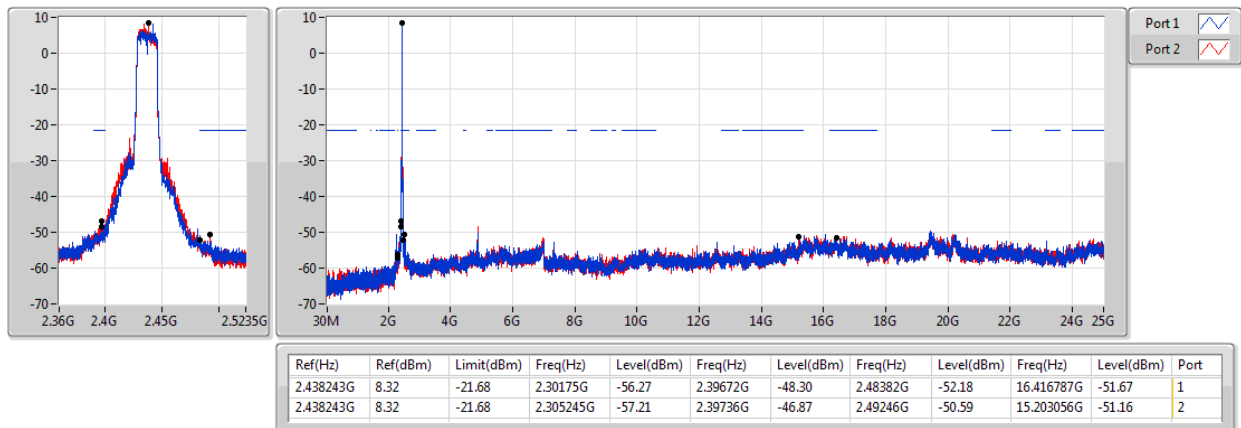
2412MHz



### 802.11g\_(6Mbps)\_2TX

CSE NdB

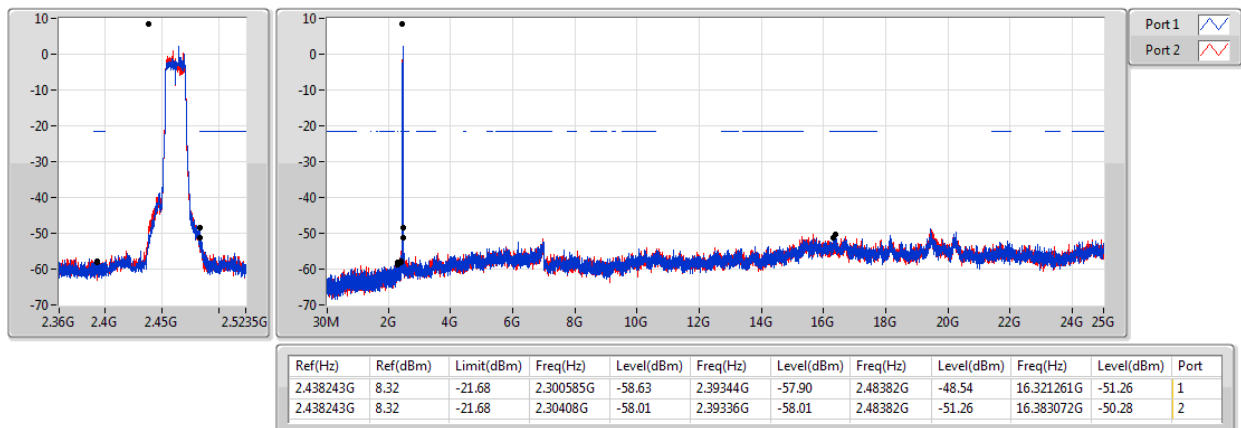
2437MHz



### 802.11g\_(6Mbps)\_2TX

CSE NdB

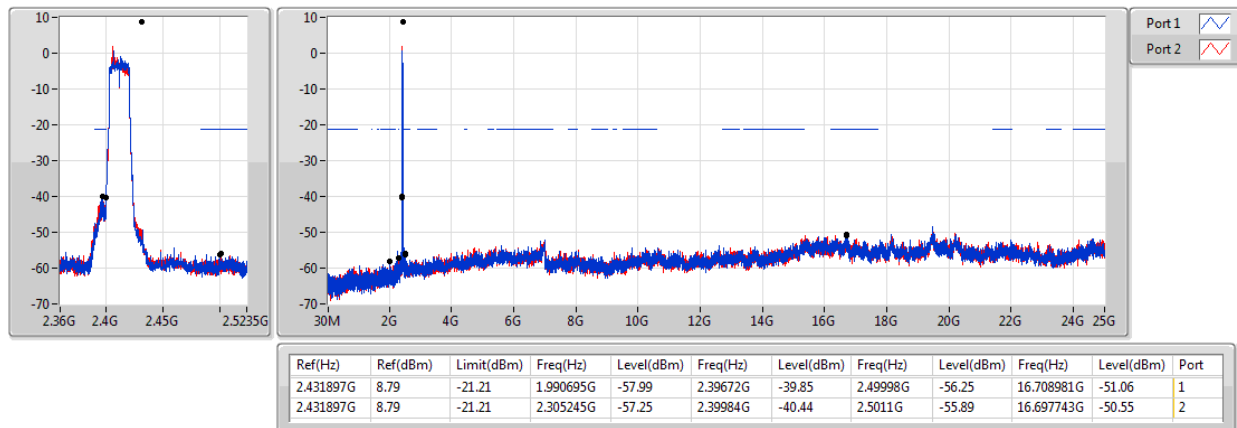
2462MHz



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

CSE NdB

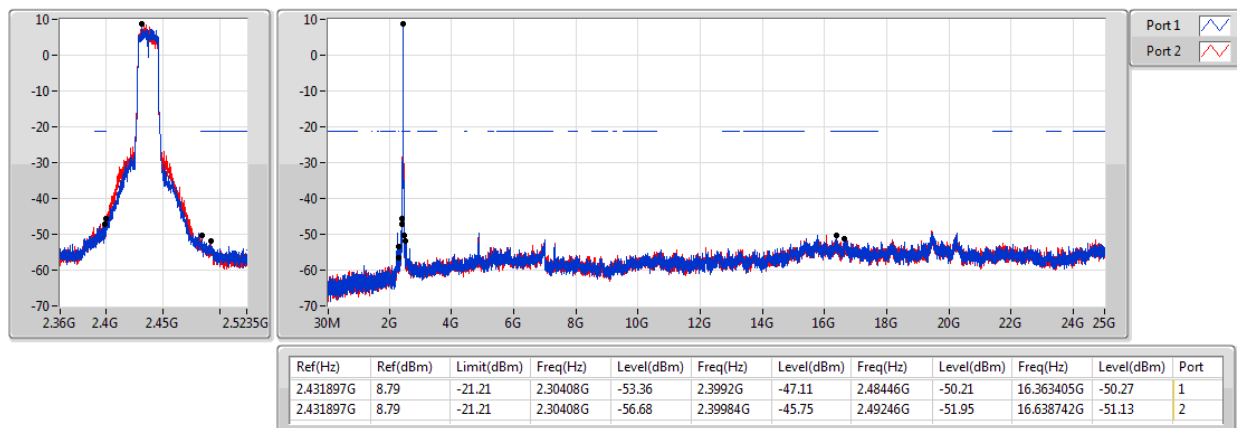
2412MHz



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

CSE NdB

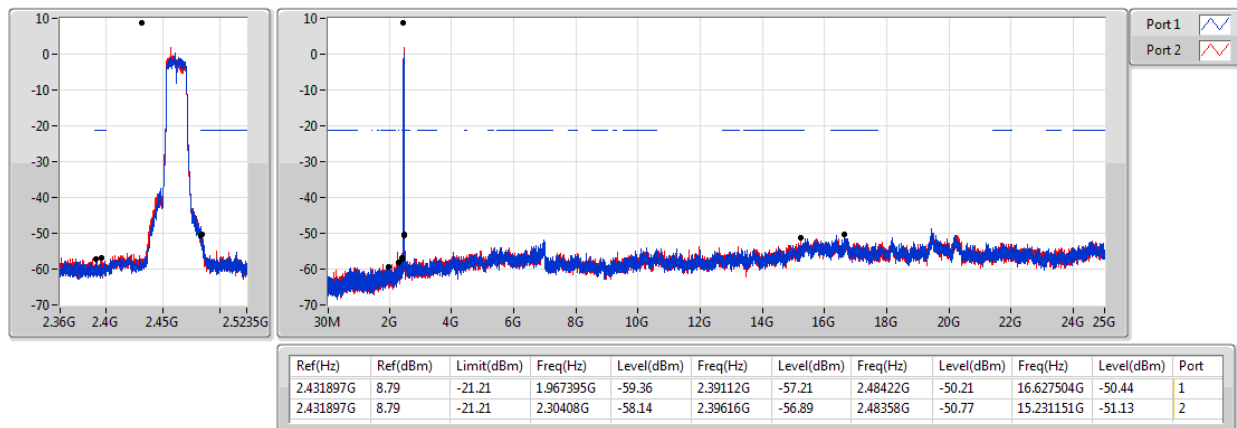
2437MHz



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

CSE NdB

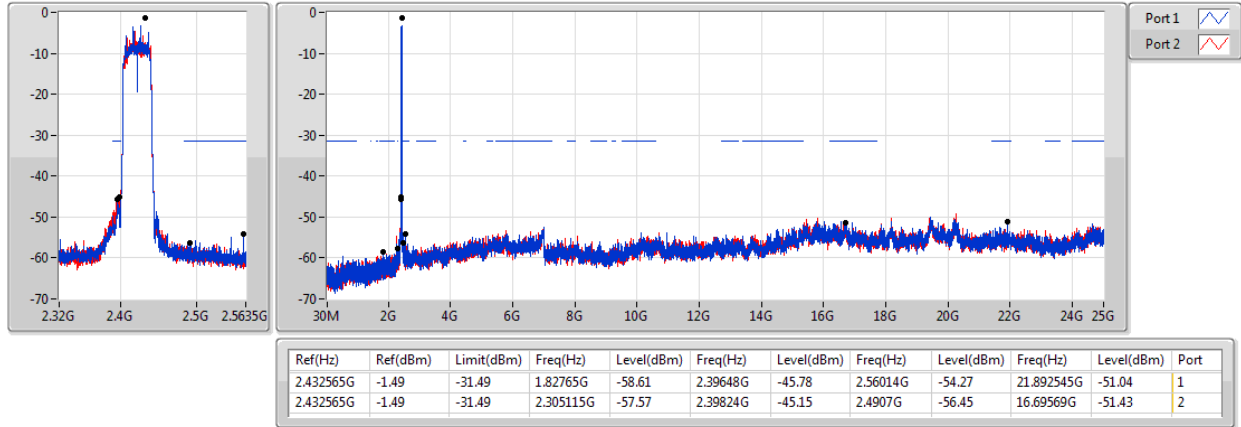
2462MHz



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

CSE NdB

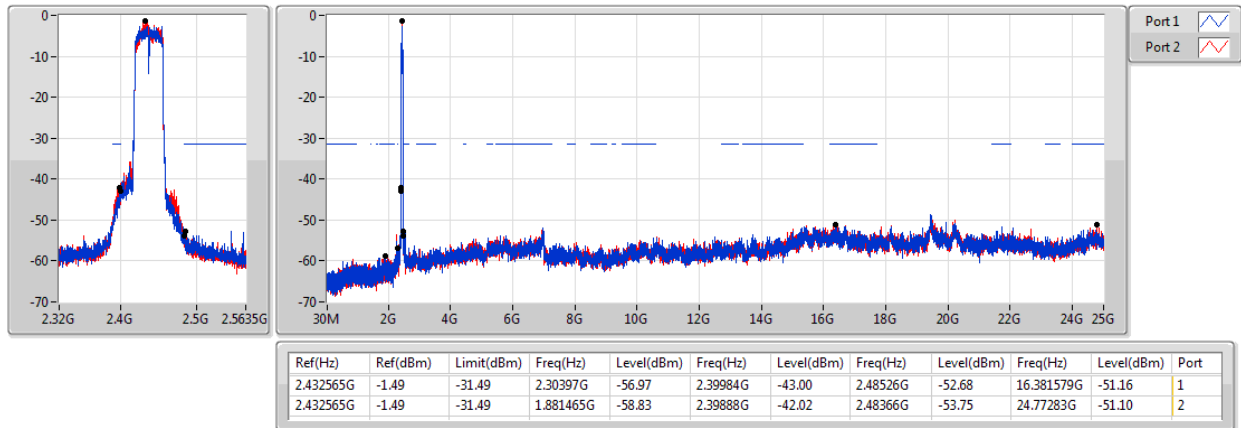
2422MHz



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

CSE NdB

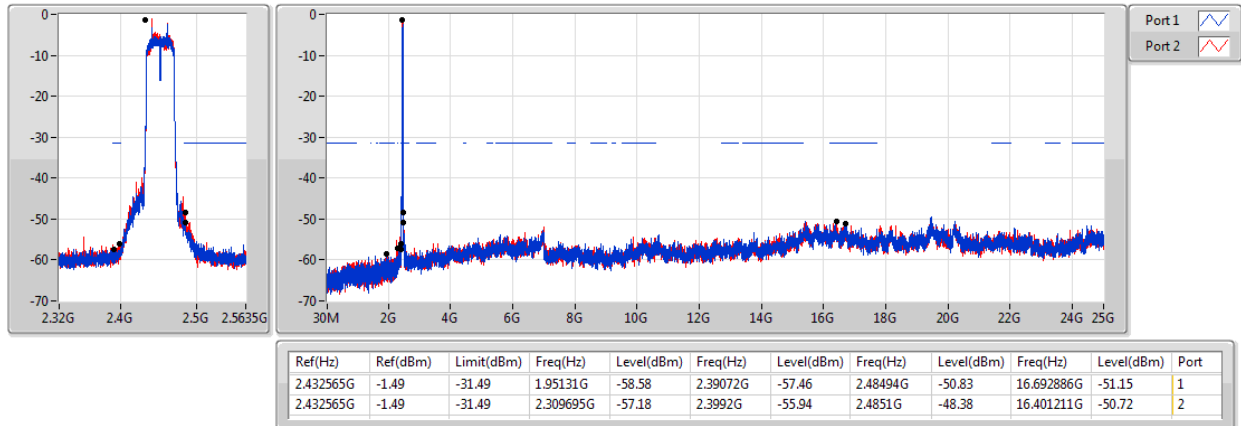
2437MHz



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

CSE NdB

2452MHz





<For Beamforming Mode>

Summary

| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                     | Pass   | 2.440748G   | 0.02         | -29.98         | 2.309695G    | -61.82         | 2.39888G     | -41.65         | 2.48446G     | -51.17         | 21.743903G   | -53.24         | 2    |

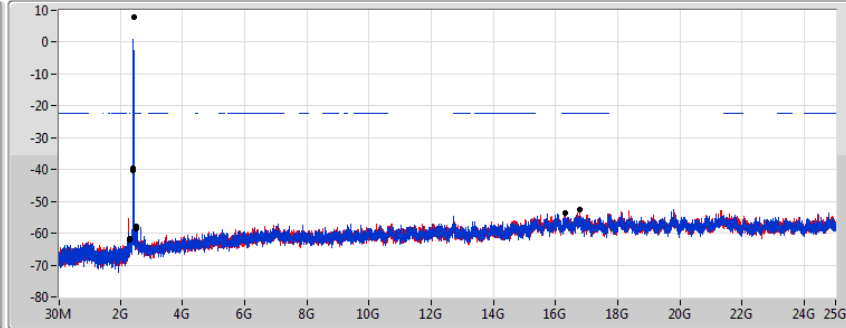
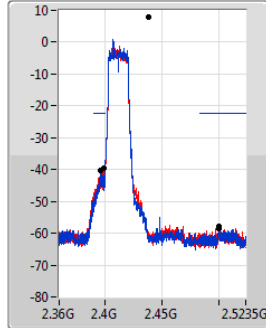
Result

| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT20-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.438243G   | 7.73         | -22.27         | 2.302915G    | -61.68         | 2.3964G      | -40.11         | 2.50022G     | -58.53         | 16.318452G   | -53.58         | 1    |
| 2412MHz                           | Pass   | 2.438243G   | 7.73         | -22.27         | 2.30408G     | -61.99         | 2.39888G     | -39.48         | 2.4999G      | -57.80         | 16.776411G   | -52.71         | 2    |
| 2437MHz                           | Pass   | 2.438243G   | 7.73         | -22.27         | 2.30175G     | -59.20         | 2.3968G      | -51.01         | 2.48622G     | -53.17         | 2.557215G    | -49.95         | 1    |
| 2437MHz                           | Pass   | 2.438243G   | 7.73         | -22.27         | 2.30408G     | -57.45         | 2.39432G     | -50.26         | 2.4899G      | -53.27         | 16.39712G    | -53.94         | 2    |
| 2462MHz                           | Pass   | 2.438243G   | 7.73         | -22.27         | 2.170105G    | -62.33         | 2.39352G     | -60.56         | 2.48382G     | -51.46         | 16.739886G   | -53.69         | 1    |
| 2462MHz                           | Pass   | 2.438243G   | 7.73         | -22.27         | 370.18M      | -62.91         | 2.39888G     | -59.56         | 2.48414G     | -53.19         | 16.708981G   | -53.53         | 2    |
| 802.11ac VHT40-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.440748G   | 0.02         | -29.98         | 2.16428G     | -63.07         | 2.39616G     | -43.76         | 2.55998G     | -55.69         | 21.741098G   | -53.98         | 1    |
| 2422MHz                           | Pass   | 2.440748G   | 0.02         | -29.98         | 678.07M      | -62.30         | 2.39888G     | -43.07         | 2.4971G      | -57.95         | 16.704104G   | -54.04         | 2    |
| 2437MHz                           | Pass   | 2.440748G   | 0.02         | -29.98         | 2.30855G     | -61.23         | 2.39936G     | -42.75         | 2.48638G     | -52.86         | 16.720932G   | -53.12         | 1    |
| 2437MHz                           | Pass   | 2.440748G   | 0.02         | -29.98         | 2.309695G    | -61.82         | 2.39888G     | -41.65         | 2.48446G     | -51.17         | 21.743903G   | -53.24         | 2    |
| 2452MHz                           | Pass   | 2.440748G   | 0.02         | -29.98         | 2.30397G     | -62.35         | 2.39984G     | -58.32         | 2.48446G     | -48.70         | 21.418574G   | -53.71         | 1    |
| 2452MHz                           | Pass   | 2.440748G   | 0.02         | -29.98         | 690.665M     | -63.01         | 2.39952G     | -58.79         | 2.4843G      | -49.52         | 17.287453G   | -53.65         | 2    |

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

CSE NdB

2412MHz



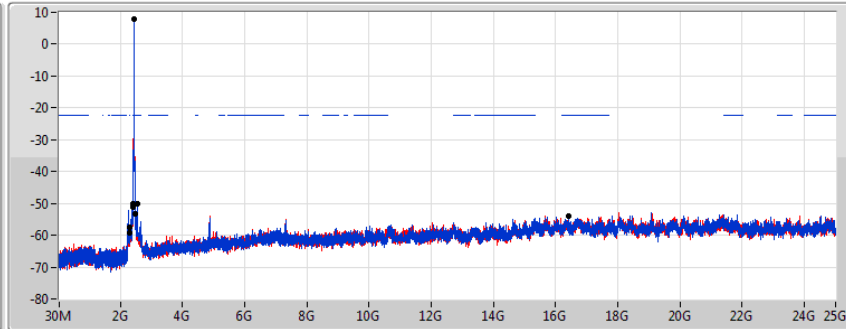
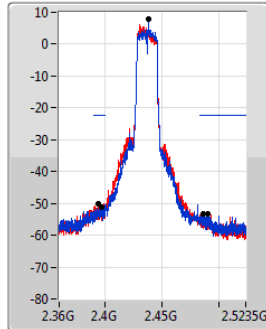
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.438243G | 7.73     | -22.27     | 2.302915G | -61.68     | 2.3964G  | -40.11     | 2.50022G | -58.53     | 16.318452G | -53.58     | 1    |
| 2.438243G | 7.73     | -22.27     | 2.30408G  | -61.99     | 2.39888G | -39.48     | 2.4999G  | -57.80     | 16.776411G | -52.71     | 2    |

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

CSE NdB

2437MHz



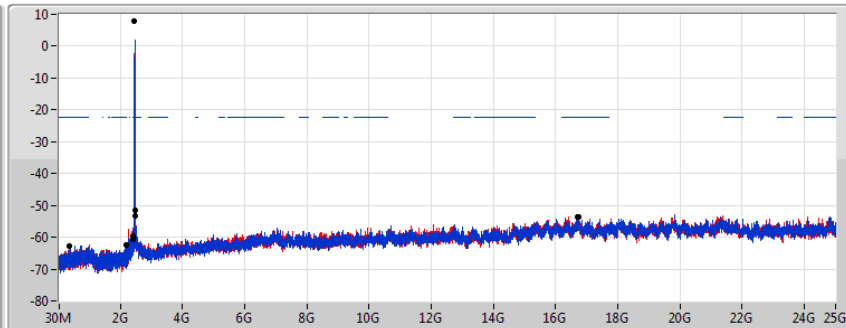
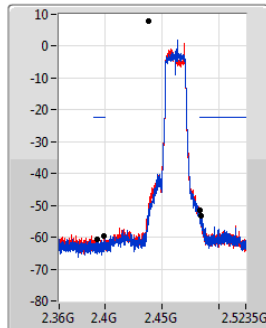
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|-----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.438243G | 7.73     | -22.27     | 2.30175G | -59.20     | 2.3968G  | -51.01     | 2.48622G | -53.17     | 2.557215G | -49.95     | 1    |
| 2.438243G | 7.73     | -22.27     | 2.30408G | -57.45     | 2.39432G | -50.26     | 2.4899G  | -53.27     | 16.39712G | -53.94     | 2    |

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

CSE NdB

2462MHz



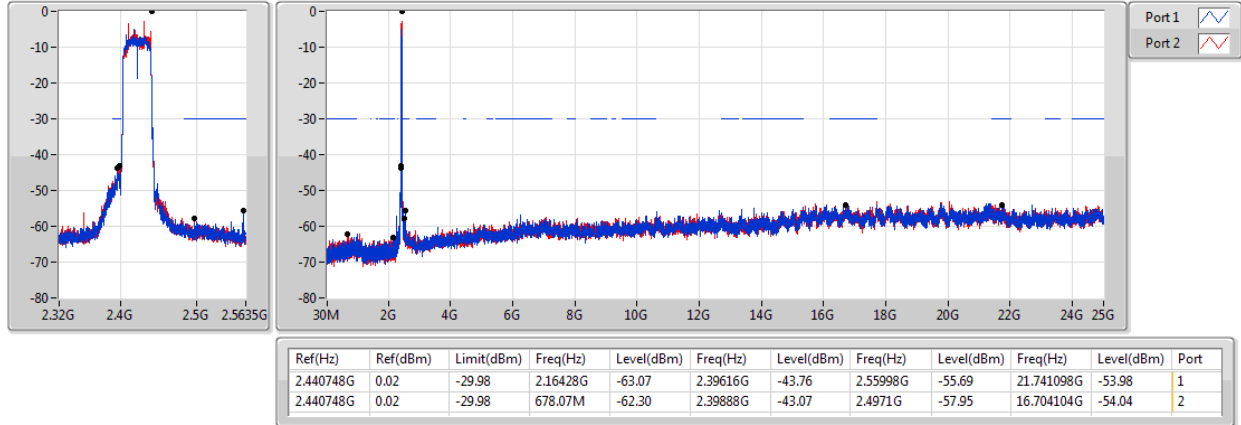
Port 1  
Port 2

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.438243G | 7.73     | -22.27     | 2.170105G | -62.33     | 2.39352G | -60.56     | 2.48382G | -51.46     | 16.739886G | -53.69     | 1    |
| 2.438243G | 7.73     | -22.27     | 370.18M   | -62.91     | 2.39888G | -59.56     | 2.48414G | -53.19     | 16.708981G | -53.53     | 2    |

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

CSE NdB

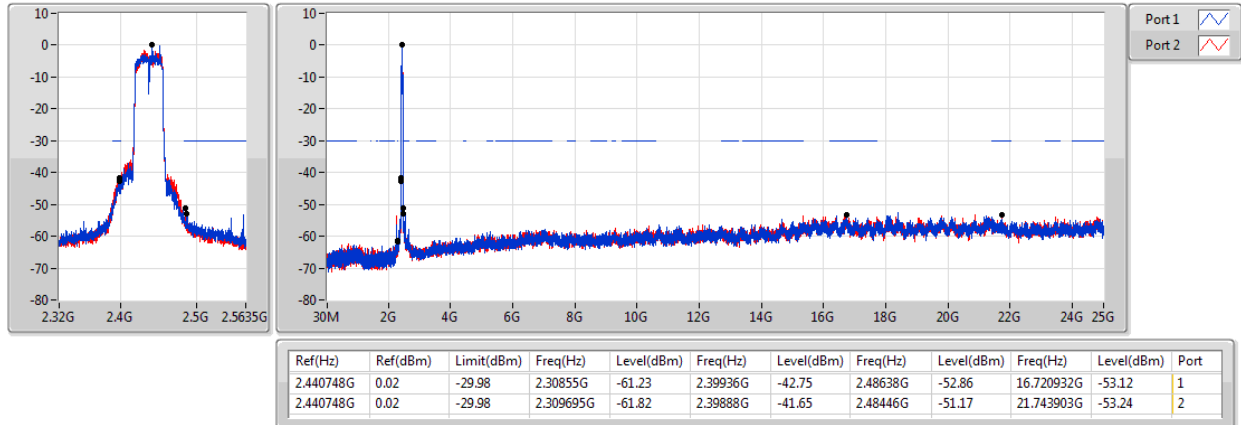
2422MHz



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

CSE NdB

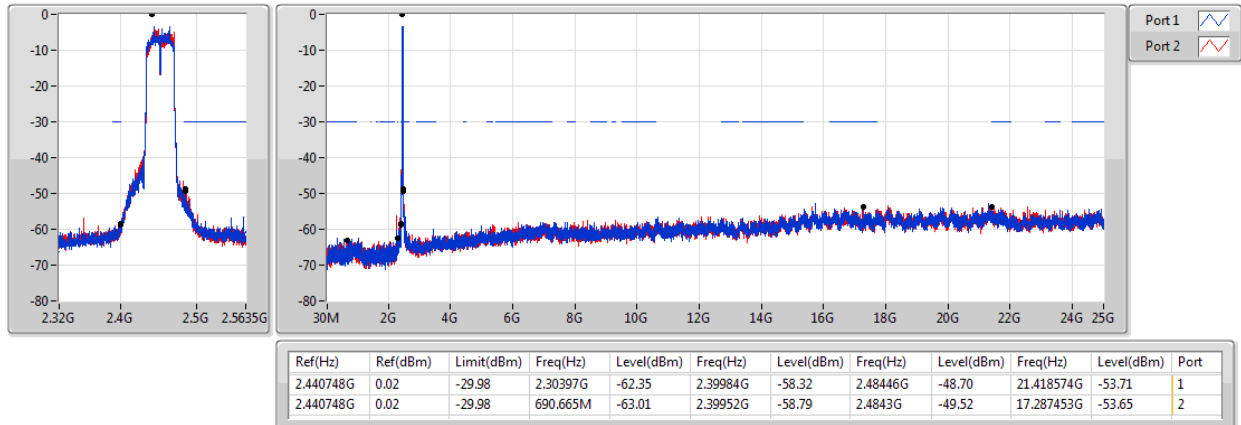
2437MHz



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

CSE NdB

2452MHz



**For Set 3 antennas / 3TX:  
<For Non-Beamforming Mode>  
Summary**

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2.4-2.4835GHz                  | Pass   | 2.448263G   | -1.12        | -31.12         | 2.170005G    | -57.85         | 2.39744G     | -43.00         | 2.48478G     | -55.05         | 16.645208G   | -50.23         | 3    |

**Result**

| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_(1Mbps)_3TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.302915G    | -56.44         | 2.39808G     | -34.27         | 2.50894G     | -51.45         | 16.711791G   | -50.25         | 1    |
| 2412MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.30641G     | -56.36         | 2.398G       | -32.30         | 2.50598G     | -50.88         | 16.661219G   | -50.89         | 2    |
| 2412MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 1.909145G    | -58.20         | 2.39752G     | -33.22         | 2.49246G     | -51.45         | 16.366214G   | -50.77         | 3    |
| 2437MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.300585G    | -58.17         | 2.39048G     | -50.63         | 2.48446G     | -51.34         | 16.706172G   | -50.18         | 1    |
| 2437MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.300585G    | -56.82         | 2.39008G     | -49.85         | 2.4855G      | -49.47         | 16.391501G   | -48.85         | 2    |
| 2437MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.004675G    | -58.53         | 2.3988G      | -53.04         | 2.51598G     | -50.85         | 16.388691G   | -50.77         | 3    |
| 2462MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.305245G    | -58.02         | 2.39904G     | -55.46         | 2.48702G     | -52.69         | 16.20045G    | -51.07         | 1    |
| 2462MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.309905G    | -58.16         | 2.39952G     | -55.10         | 2.51046G     | -51.58         | 16.354976G   | -51.29         | 2    |
| 2462MHz                        | Pass   | 2.438076G   | 11.48        | -18.52         | 2.307575G    | -57.78         | 2.39176G     | -54.74         | 2.48662G     | -52.39         | 16.655599G   | -50.25         | 3    |
| 802.11g_(6Mbps)_3TX            | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 1.948755G    | -59.59         | 2.39704G     | -42.26         | 2.49998G     | -56.11         | 16.697743G   | -50.91         | 1    |
| 2412MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 2.12933G     | -58.06         | 2.39576G     | -39.60         | 2.5099G      | -56.02         | 16.335309G   | -50.50         | 2    |
| 2412MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 1.918465G    | -58.81         | 2.398G       | -42.06         | 2.48878G     | -56.44         | 6.990704G    | -50.09         | 3    |
| 2437MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 2.30874G     | -55.19         | 2.39592G     | -49.49         | 2.48878G     | -51.62         | 2.557215G    | -50.58         | 1    |
| 2437MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 2.302915G    | -56.47         | 2.39664G     | -49.42         | 2.48382G     | -50.13         | 16.374643G   | -51.16         | 2    |
| 2437MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 2.30874G     | -57.79         | 2.39984G     | -47.69         | 2.5127G      | -52.26         | 6.999133G    | -50.78         | 3    |
| 2462MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 2.016325G    | -58.68         | 2.39224G     | -56.93         | 2.48374G     | -53.08         | 16.377453G   | -51.03         | 1    |
| 2462MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 1.87769G     | -58.33         | 2.39992G     | -57.27         | 2.4839G      | -55.13         | 16.734267G   | -49.82         | 2    |
| 2462MHz                        | Pass   | 2.434402G   | 8.12         | -21.88         | 2.023315G    | -59.20         | 2.39688G     | -55.63         | 2.48358G     | -52.59         | 17.003985G   | -51.03         | 3    |
| 802.11ac VHT20_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 1.99186G     | -58.42         | 2.39736G     | -40.98         | 2.49998G     | -56.51         | 16.723029G   | -50.82         | 1    |
| 2412MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 1.99419G     | -58.34         | 2.39856G     | -41.83         | 2.5087G      | -56.44         | 24.629138G   | -49.49         | 2    |
| 2412MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 1.869535G    | -58.50         | 2.39704G     | -41.12         | 2.4931G      | -56.00         | 16.385881G   | -50.54         | 3    |
| 2437MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 2.30874G     | -55.57         | 2.39664G     | -48.73         | 2.48414G     | -52.11         | 16.731458G   | -50.80         | 1    |
| 2437MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 2.309905G    | -55.86         | 2.39944G     | -46.85         | 2.4843G      | -50.87         | 16.708981G   | -51.08         | 2    |
| 2437MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 2.305245G    | -56.00         | 2.39888G     | -46.79         | 2.51414G     | -52.31         | 16.692124G   | -50.99         | 3    |
| 2462MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 2.18525G     | -58.28         | 2.39584G     | -57.42         | 2.48406G     | -51.52         | 16.352167G   | -49.49         | 1    |
| 2462MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 2.18292G     | -58.66         | 2.39704G     | -57.52         | 2.48446G     | -53.12         | 15.343534G   | -50.80         | 2    |
| 2462MHz                        | Pass   | 2.441917G   | 7.49         | -22.51         | 1.95458G     | -58.46         | 2.39072G     | -55.26         | 2.4839G      | -50.74         | 16.349357G   | -51.30         | 3    |
| 802.11ac VHT40_Nss1,(MCS0)_3TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 1.85055G     | -59.08         | 2.39616G     | -48.27         | 2.55998G     | -55.45         | 16.715322G   | -50.97         | 1    |
| 2422MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 2.1368G      | -58.44         | 2.39712G     | -47.94         | 2.5123G      | -56.65         | 15.343891G   | -50.64         | 2    |
| 2422MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 1.963905G    | -58.93         | 2.3968G      | -48.22         | 2.56014G     | -56.52         | 16.389993G   | -50.93         | 3    |
| 2437MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 2.305115G    | -59.21         | 2.3984G      | -44.58         | 2.56014G     | -54.98         | 6.983491G    | -49.92         | 1    |
| 2437MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 1.90322G     | -58.02         | 2.39952G     | -43.82         | 2.48446G     | -55.00         | 6.997513G    | -51.05         | 2    |
| 2437MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 2.170005G    | -57.85         | 2.39744G     | -43.00         | 2.48478G     | -55.05         | 16.645208G   | -50.23         | 3    |
| 2452MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 1.929555G    | -58.90         | 2.39424G     | -57.29         | 2.48446G     | -48.96         | 24.632602G   | -50.50         | 1    |
| 2452MHz                        | Pass   | 2.448263G   | -1.12        | -31.12         | 2.02688G     | -59.10         | 2.39872G     | -57.27         | 2.48366G     | -50.31         | 16.66484G    | -51.16         | 2    |



## FCC Test Report

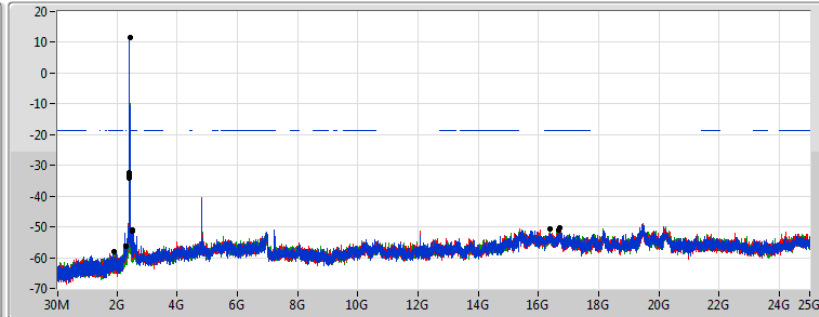
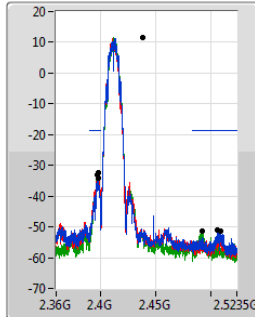
Report No. : FR760613AA

| Mode    | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2452MHz | Pass   | 2.448263G   | -1.12        | -31.12         | 1.970775G    | -59.29         | 2.39264G     | -56.96         | 2.48654G     | -51.97         | 16.698495G   | -51.30         | 3    |

### 802.11b\_(1Mbps)\_3TX

CSE NdB

2412MHz



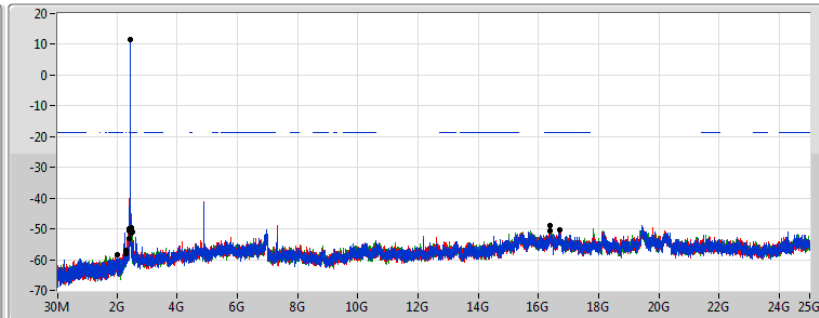
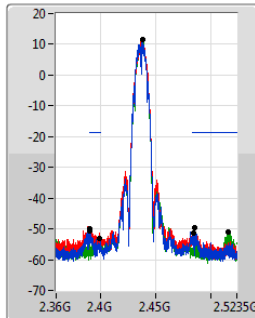
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.438076G | 11.48    | -18.52     | 2.302915G | -56.44     | 2.39808G | -34.27     | 2.50894G | -51.45     | 16.711791G | -50.25     | 1    |
| 2.438076G | 11.48    | -18.52     | 2.30641G  | -56.36     | 2.398G   | -32.30     | 2.50598G | -50.88     | 16.661219G | -50.89     | 2    |
| 2.438076G | 11.48    | -18.52     | 1.909145G | -58.20     | 2.39752G | -33.22     | 2.49246G | -51.45     | 16.366214G | -50.77     | 3    |

### 802.11b\_(1Mbps)\_3TX

CSE NdB

2437MHz



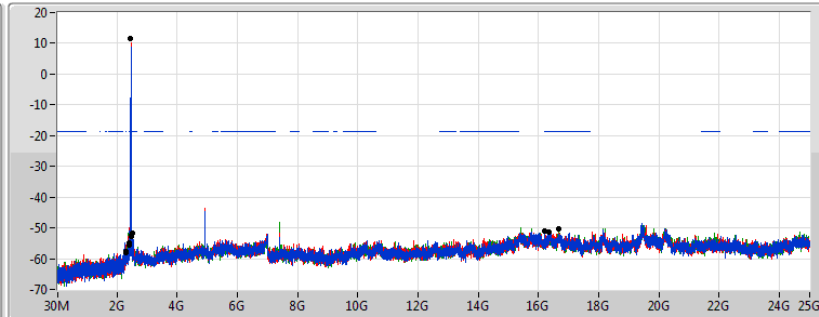
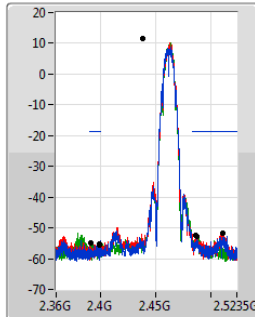
Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.438076G | 11.48    | -18.52     | 2.300585G | -58.17     | 2.39048G | -50.63     | 2.48446G | -51.34     | 16.706172G | -50.18     | 1    |
| 2.438076G | 11.48    | -18.52     | 2.300585G | -56.82     | 2.39008G | -49.85     | 2.4855G  | -49.47     | 16.391501G | -48.85     | 2    |
| 2.438076G | 11.48    | -18.52     | 2.004675G | -58.53     | 2.3988G  | -53.04     | 2.51598G | -50.85     | 16.388691G | -50.77     | 3    |

### 802.11b\_(1Mbps)\_3TX

CSE NdB

2462MHz



Port 1  
Port 2  
Port 3

| Ref(Hz)   | Ref(dBm) | Limit(dBm) | Freq(Hz)  | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)   | Level(dBm) | Port |
|-----------|----------|------------|-----------|------------|----------|------------|----------|------------|------------|------------|------|
| 2.438076G | 11.48    | -18.52     | 2.305245G | -58.02     | 2.39904G | -55.46     | 2.48702G | -52.69     | 16.20045G  | -51.07     | 1    |
| 2.438076G | 11.48    | -18.52     | 2.309905G | -58.16     | 2.39952G | -55.10     | 2.51046G | -51.58     | 16.354976G | -51.29     | 2    |
| 2.438076G | 11.48    | -18.52     | 2.307575G | -57.78     | 2.39176G | -54.74     | 2.48662G | -52.39     | 16.655599G | -50.25     | 3    |