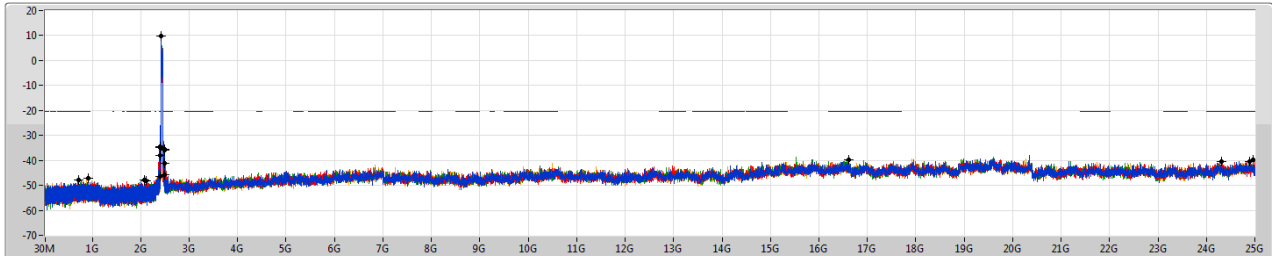


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

CSE NdB

2437MHz

09/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

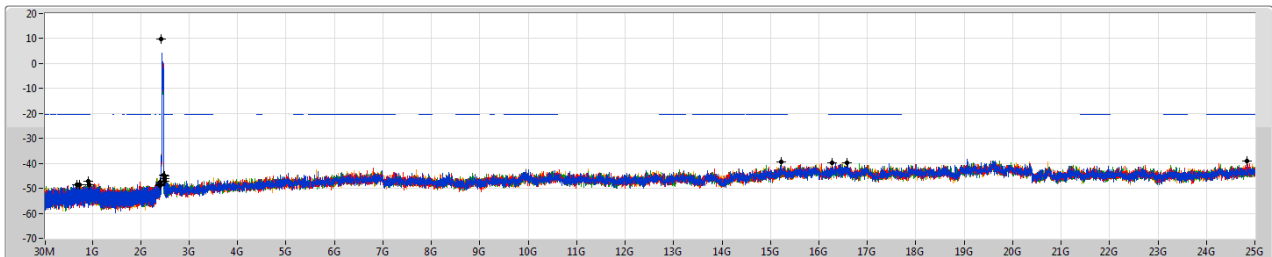
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 9.64     | -20.36     | 2.0744G  | -47.93     | 2.39636G | -34.51     | 2.48574G | -35.67     | 2.496635G | -39.88     | 1    |
| 2.42597G | 9.64     | -20.36     | 710.7M   | -47.78     | 2.39476G | -34.94     | 2.48886G | -35.73     | 2.488501G | -40.30     | 2    |
| 2.42597G | 9.64     | -20.36     | 2.1056G  | -48.05     | 2.3978G  | -37.88     | 2.49166G | -41.22     | 16.60875G | -39.79     | 3    |
| 2.42597G | 9.64     | -20.36     | 916.52M  | -47.21     | 2.39888G | -46.29     | 2.48658G | -45.77     | 24.30727G | -40.44     | 4    |

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

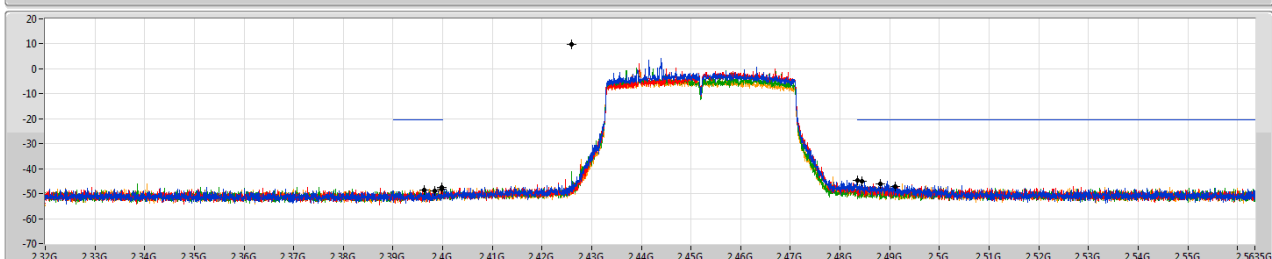
CSE NdB

2452MHz

09/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 9.64     | -20.36     | 743.34M  | -48.50     | 2.39832G | -48.75     | 2.48442G | -44.91     | 16.58351G | -39.68     | 1    |
| 2.42597G | 9.64     | -20.36     | 920.81M  | -47.21     | 2.3998G  | -47.33     | 2.48818G | -46.08     | 24.84575G | -39.11     | 2    |
| 2.42597G | 9.64     | -20.36     | 687.23M  | -48.61     | 2.39636G | -48.57     | 2.49102G | -47.15     | 15.22049G | -39.24     | 3    |
| 2.42597G | 9.64     | -20.36     | 938.27M  | -48.62     | 2.39988G | -48.18     | 2.48354G | -44.61     | 16.27501G | -39.91     | 4    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_1TX       | Pass   | 2.43599G    | 15.11        | -14.89         | 95.82M       | -48.02         | 2.39848G     | -28.26         | 2.5031G      | -52.02         | 16.75674G    | -47.04         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | Pass   | 2.44196G    | 12.38        | -17.62         | 95.82M       | -48.26         | 2.39948G     | -25.93         | 2.49564G     | -51.65         | 6.77437G     | -46.77         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | Pass   | 2.44196G    | 12.07        | -17.93         | 95.82M       | -46.87         | 2.39954G     | -22.77         | 2.486G       | -50.99         | 23.46317G    | -47.42         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | Pass   | 2.44071G    | 4.54         | -25.46         | 95.84M       | -46.97         | 2.3998G      | -29.05         | 2.48382G     | -47.57         | 24.11095G    | -47.45         | 1    |

**Result**

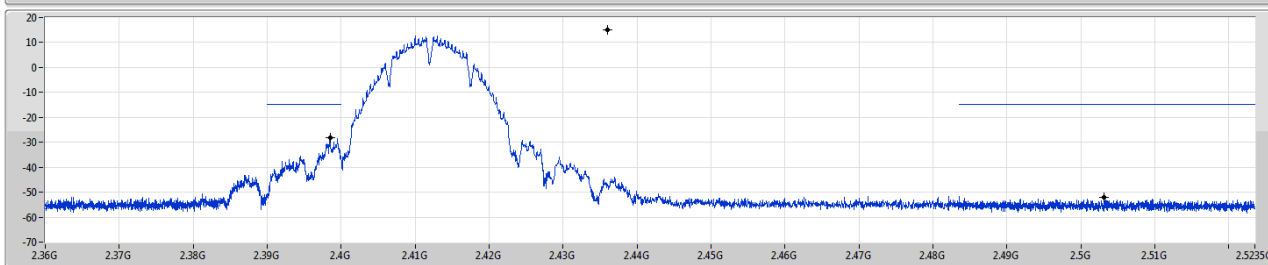
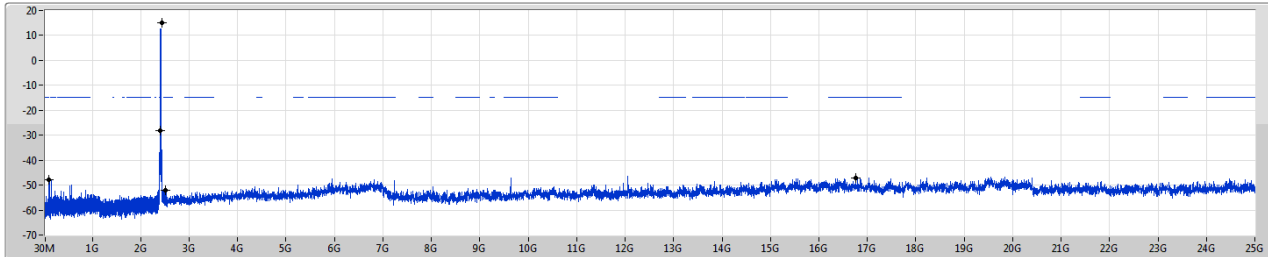
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43599G    | 15.11        | -14.89         | 95.82M       | -48.02         | 2.39848G     | -28.26         | 2.5031G      | -52.02         | 16.75674G    | -47.04         | 1    |
| 2437MHz                        | Pass   | 2.43599G    | 15.11        | -14.89         | 544.06M      | -48.26         | 2.39902G     | -33.29         | 2.48402G     | -45.59         | 9.74689G     | -32.58         | 1    |
| 2462MHz                        | Pass   | 2.43599G    | 15.11        | -14.89         | 95.82M       | -46.67         | 2.39036G     | -52.16         | 2.48846G     | -48.79         | 15.13844G    | -47.54         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 12.38        | -17.62         | 95.82M       | -48.26         | 2.39948G     | -25.93         | 2.49564G     | -51.65         | 6.77437G     | -46.77         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 12.38        | -17.62         | 159.9M       | -47.61         | 2.39862G     | -34.44         | 2.48358G     | -39.25         | 15.16653G    | -46.36         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 12.38        | -17.62         | 95.82M       | -47.23         | 2.39144G     | -51.70         | 2.48382G     | -42.83         | 15.12158G    | -46.98         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 12.07        | -17.93         | 95.82M       | -46.87         | 2.39954G     | -22.77         | 2.486G       | -50.99         | 23.46317G    | -47.42         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 12.07        | -17.93         | 95.82M       | -47.72         | 2.39632G     | -34.54         | 2.48386G     | -39.84         | 16.55726G    | -46.68         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 12.07        | -17.93         | 95.82M       | -47.02         | 2.39562G     | -51.37         | 2.48372G     | -40.68         | 16.81574G    | -46.96         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.44071G    | 4.54         | -25.46         | 95.84M       | -46.97         | 2.3998G      | -29.05         | 2.48382G     | -47.57         | 24.11095G    | -47.45         | 1    |
| 2437MHz                        | Pass   | 2.44071G    | 4.54         | -25.46         | 95.84M       | -46.85         | 2.39936G     | -35.68         | 2.48666G     | -41.93         | 24.12217G    | -47.62         | 1    |
| 2452MHz                        | Pass   | 2.44071G    | 4.54         | -25.46         | 95.84M       | -49.18         | 2.39568G     | -50.81         | 2.48446G     | -39.75         | 16.54424G    | -46.28         | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2412MHz

CSE NdB

19/07/2019



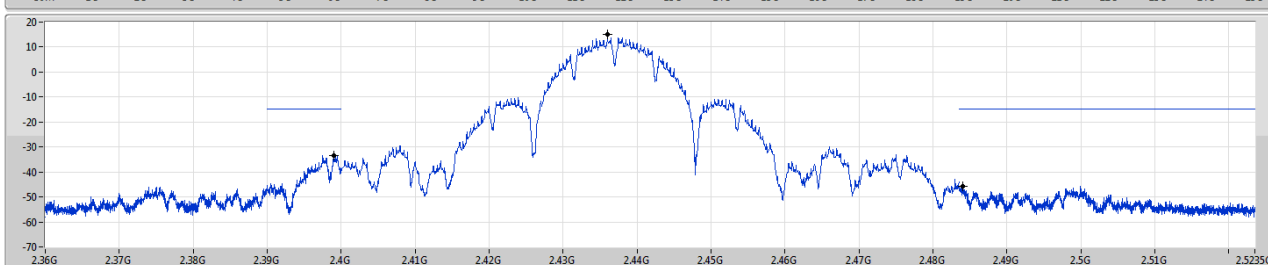
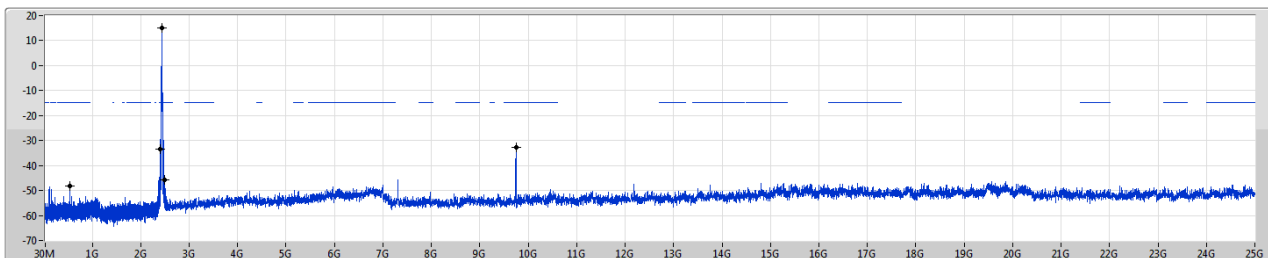
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43599G | 15.11    | -14.89     | 95.82M   | -48.02     | 2.39848G | -28.26     | 2.5031G  | -52.02     | 16.75674G | -47.04     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2437MHz

CSE NdB

19/07/2019



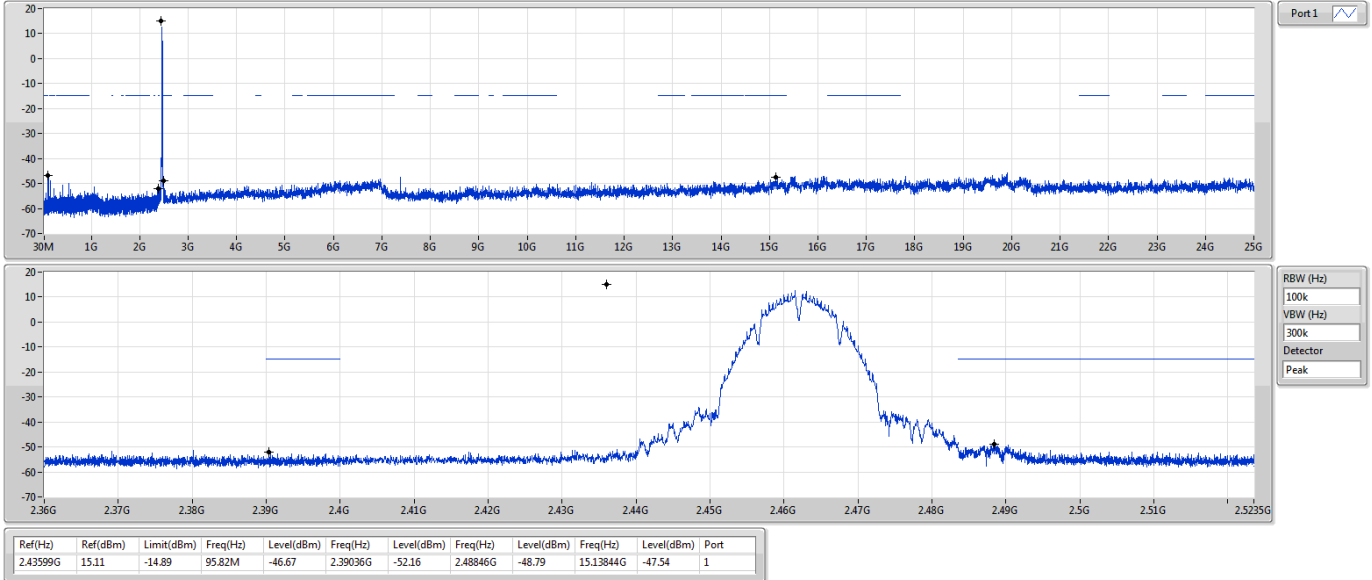
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.43599G | 15.11    | -14.89     | 544.06M  | -48.26     | 2.39902G | -33.29     | 2.48402G | -45.59     | 9.74689G | -32.58     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2462MHz

CSE NdB

19/07/2019

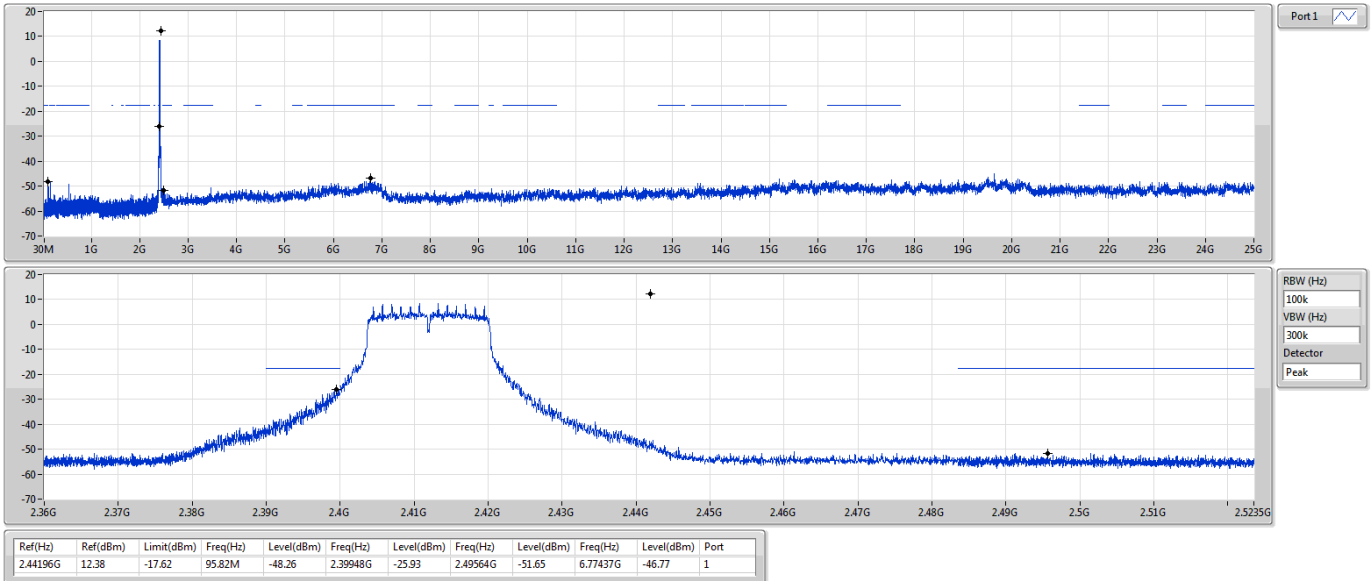


## 802.11g\_Nss1,(6Mbps)\_1TX

2412MHz

CSE NdB

19/07/2019



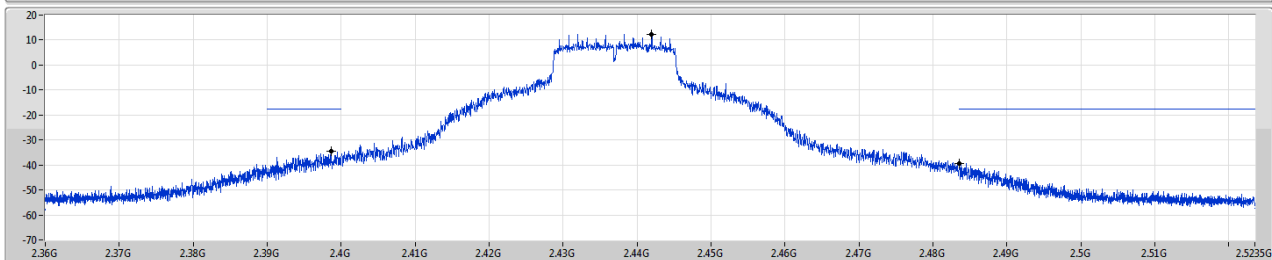
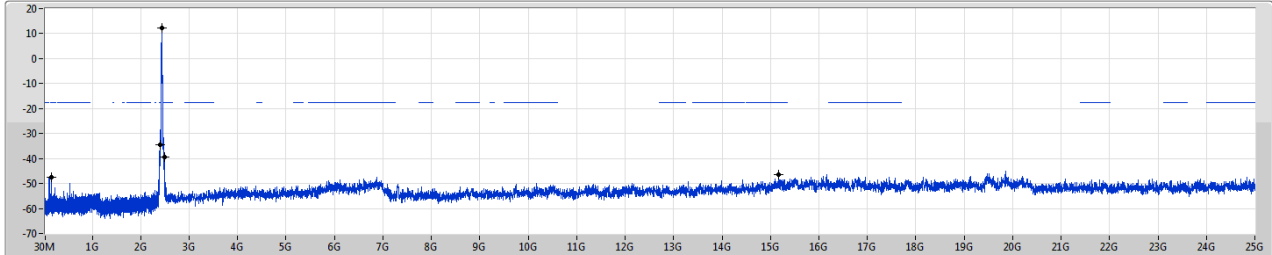
802.11g\_Nss1,(6Mbps)\_1TX

2437MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.38    | -17.62     | 159.9M   | -47.61     | 2.39862G | -34.44     | 2.48358G | -39.25     | 15.16653G | -46.36     | 1    |

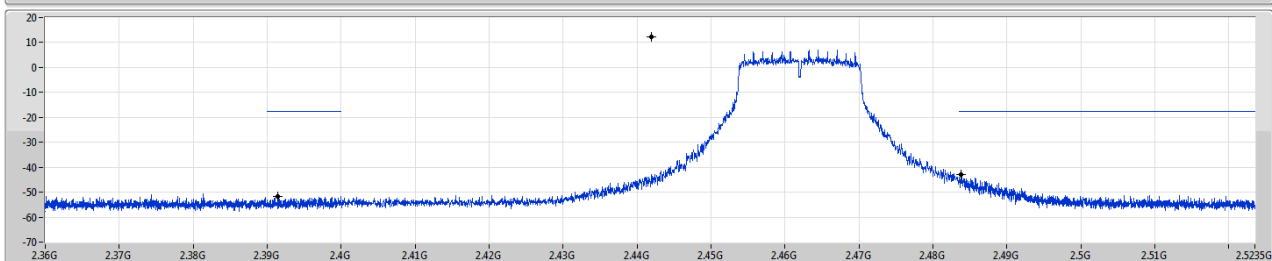
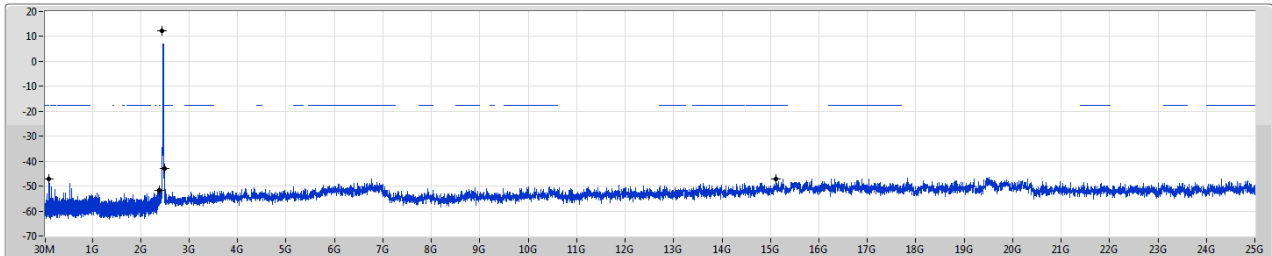
802.11g\_Nss1,(6Mbps)\_1TX

2462MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

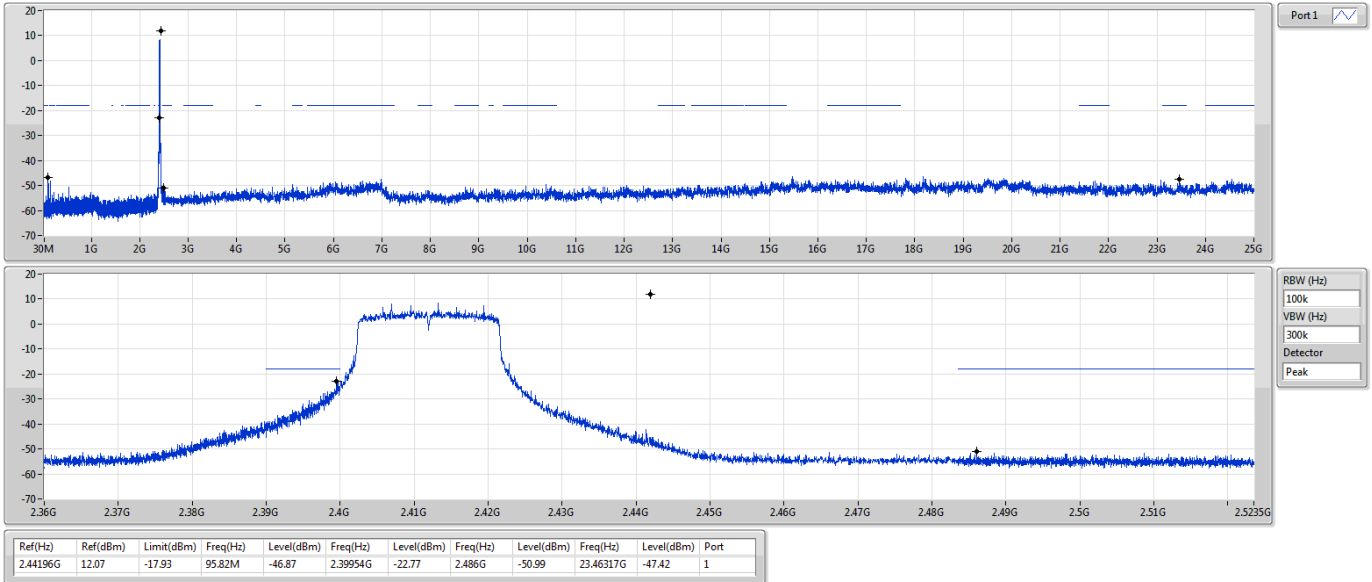
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.38    | -17.62     | 95.82M   | -47.23     | 2.39144G | -51.70     | 2.48382G | -42.83     | 15.12158G | -46.98     | 1    |

802.11ax HEW20\_Nss1,(MCS0)\_1TX

2412MHz

CSE NdB

19/07/2019

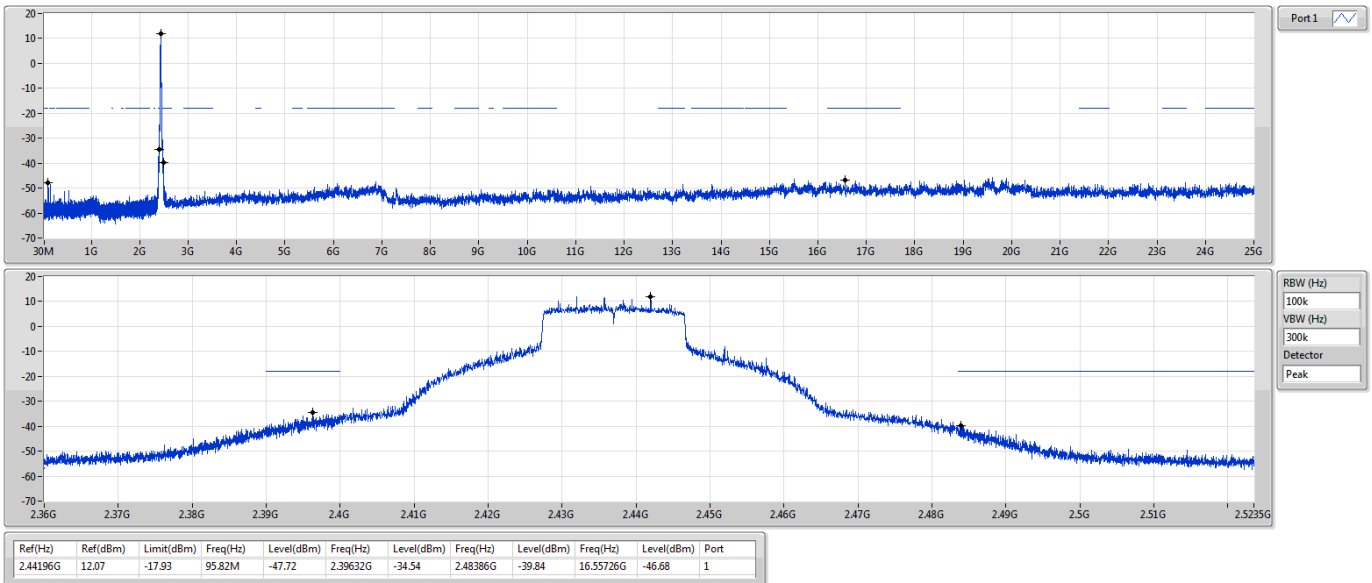


802.11ax HEW20\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

19/07/2019



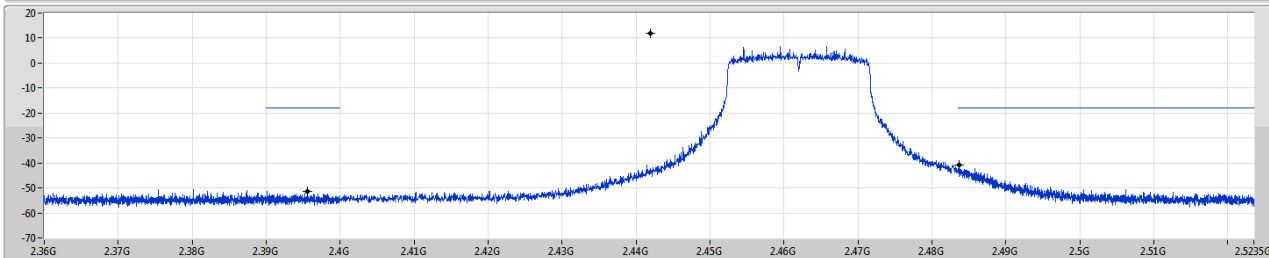
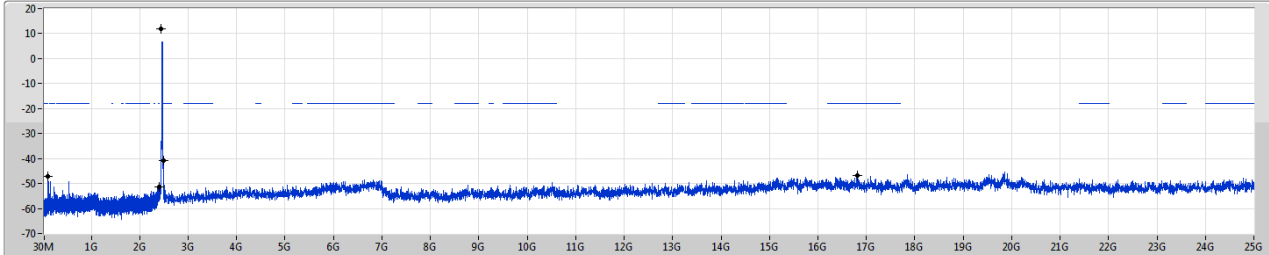
## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

2462MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.07    | -17.93     | 95.82M   | -47.02     | 2.39562G | -51.37     | 2.48372G | -40.68     | 16.81574G | -46.96     | 1    |

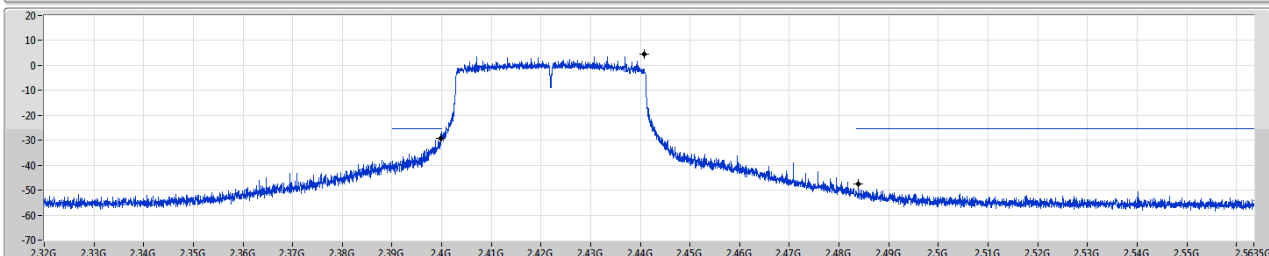
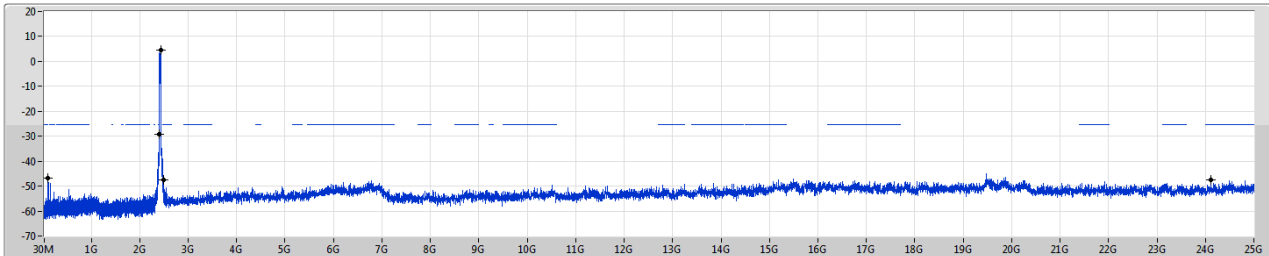
## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

2422MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44071G | 4.54     | -25.46     | 95.84M   | -46.97     | 2.3998G  | -29.05     | 2.48382G | -47.57     | 24.11095G | -47.45     | 1    |

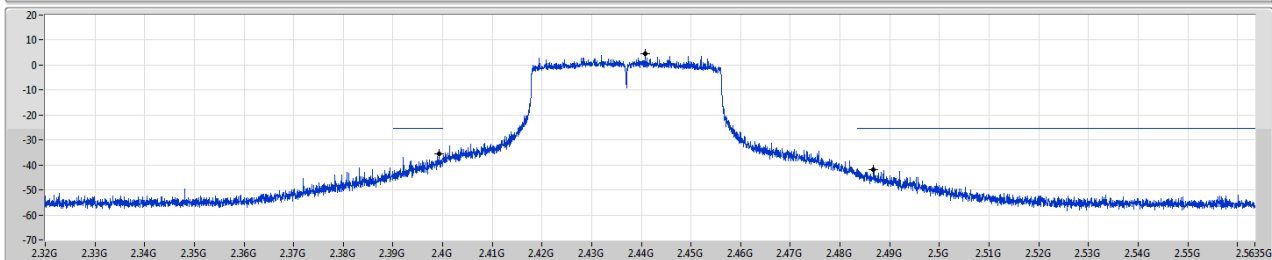
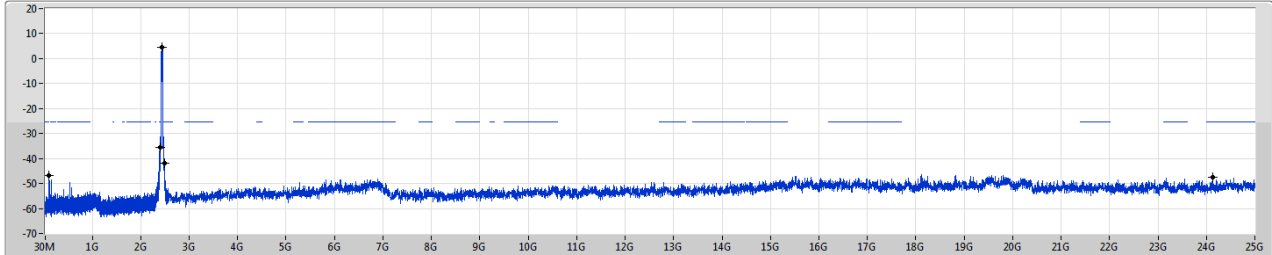
802.11ax HEW40\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44071G | 4.54     | -25.46     | 95.84M   | -46.85     | 2.39936G | -35.68     | 2.48666G | -41.93     | 24.12217G | -47.62     | 1    |

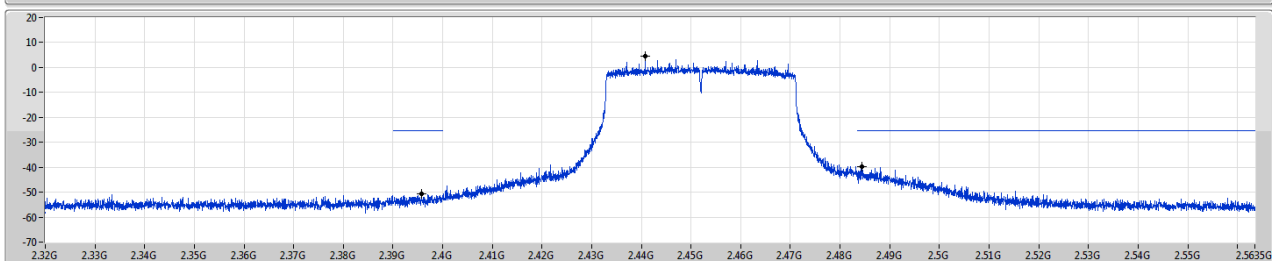
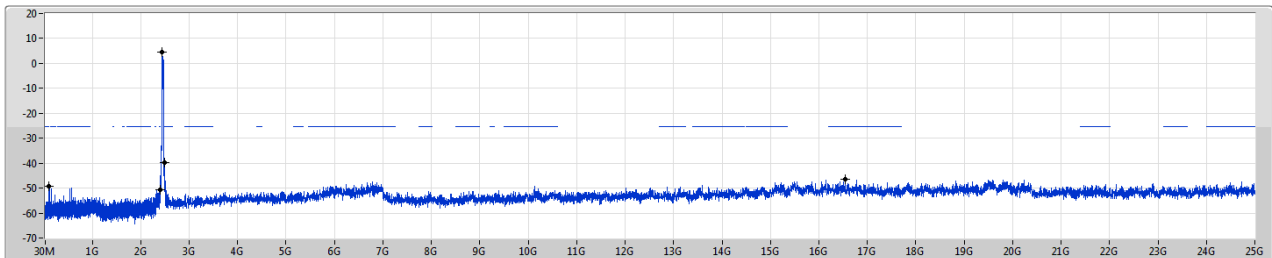
802.11ax HEW40\_Nss1,(MCS0)\_1TX

2452MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44071G | 4.54     | -25.46     | 95.84M   | -49.18     | 2.39568G | -50.81     | 2.48446G | -39.75     | 16.54424G | -46.28     | 1    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_2TX       | Pass   | 2.43599G    | 15.08        | -14.92         | 95.82M       | -47.76         | 2.39952G     | -34.27         | 2.488G       | -46.41         | 9.74689G     | -26.27         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | Pass   | 2.43198G    | 12.92        | -17.08         | 544.06M      | -48.38         | 2.39986G     | -27.12         | 2.51296G     | -50.32         | 16.43926G    | -46.05         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -47.28         | 2.39986G     | -25.56         | 2.52262G     | -51.25         | 24.35942G    | -47.35         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | 2.43198G    | 4.94         | -25.06         | 95.84M       | -48.40         | 2.39952G     | -29.49         | 2.4851G      | -50.66         | 24.15022G    | -46.90         | 2    |

**Result**

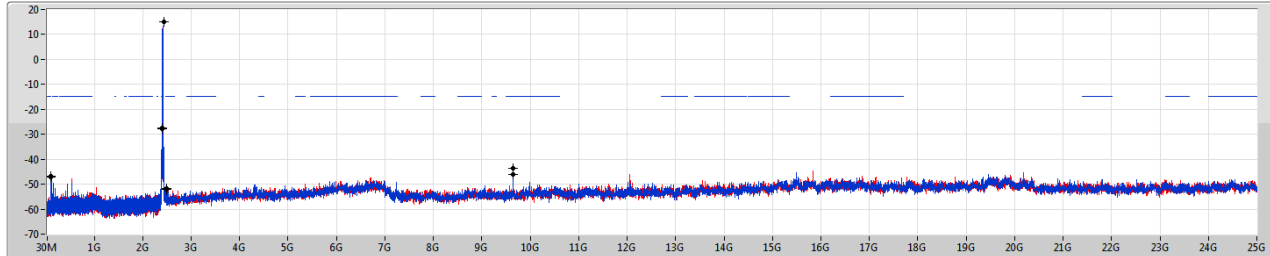
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43599G    | 15.08        | -14.92         | 95.82M       | -47.04         | 2.398G       | -27.32         | 2.4913G      | -51.95         | 9.64855G     | -46.19         | 1    |
| 2412MHz                        | Pass   | 2.43599G    | 15.08        | -14.92         | 95.82M       | -46.66         | 2.3985G      | -27.93         | 2.49524G     | -51.55         | 9.64855G     | -43.78         | 2    |
| 2437MHz                        | Pass   | 2.43599G    | 15.08        | -14.92         | 544.06M      | -48.85         | 2.39898G     | -32.33         | 2.48578G     | -44.62         | 9.74689G     | -32.92         | 1    |
| 2437MHz                        | Pass   | 2.43599G    | 15.08        | -14.92         | 95.82M       | -47.76         | 2.39952G     | -34.27         | 2.488G       | -46.41         | 9.74689G     | -26.27         | 2    |
| 2462MHz                        | Pass   | 2.43599G    | 15.08        | -14.92         | 544.06M      | -47.73         | 2.3998G      | -52.30         | 2.48846G     | -47.45         | 24.45775G    | -45.87         | 1    |
| 2462MHz                        | Pass   | 2.43599G    | 15.08        | -14.92         | 95.82M       | -48.62         | 2.3977G      | -52.34         | 2.48896G     | -48.76         | 16.54884G    | -46.87         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43198G    | 12.92        | -17.08         | 95.82M       | -46.41         | 2.39986G     | -27.51         | 2.50044G     | -51.53         | 15.22834G    | -45.78         | 1    |
| 2412MHz                        | Pass   | 2.43198G    | 12.92        | -17.08         | 544.06M      | -48.38         | 2.39986G     | -27.12         | 2.51296G     | -50.32         | 16.43926G    | -46.05         | 2    |
| 2437MHz                        | Pass   | 2.43198G    | 12.92        | -17.08         | 544.06M      | -46.65         | 2.39986G     | -35.07         | 2.48356G     | -40.85         | 15.20867G    | -46.93         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 12.92        | -17.08         | 544.06M      | -46.03         | 2.39824G     | -35.03         | 2.48448G     | -42.43         | 5.9905G      | -47.54         | 2    |
| 2462MHz                        | Pass   | 2.43198G    | 12.92        | -17.08         | 544.06M      | -46.81         | 2.39708G     | -50.83         | 2.48356G     | -42.46         | 6.79684G     | -47.15         | 1    |
| 2462MHz                        | Pass   | 2.43198G    | 12.92        | -17.08         | 95.82M       | -46.35         | 2.3911G      | -50.34         | 2.48386G     | -46.16         | 16.25383G    | -47.05         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -47.28         | 2.39986G     | -25.56         | 2.52262G     | -51.25         | 24.35942G    | -47.35         | 1    |
| 2412MHz                        | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -47.67         | 2.39988G     | -25.70         | 2.50422G     | -50.39         | 17.11918G    | -47.27         | 2    |
| 2437MHz                        | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -47.06         | 2.39896G     | -35.46         | 2.48364G     | -43.85         | 16.91127G    | -47.95         | 1    |
| 2437MHz                        | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -46.04         | 2.39848G     | -36.62         | 2.4842G      | -43.78         | 16.50669G    | -46.92         | 2    |
| 2462MHz                        | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -47.39         | 2.39158G     | -51.65         | 2.48446G     | -42.27         | 24.55609G    | -47.43         | 1    |
| 2462MHz                        | Pass   | 2.43824G    | 11.71        | -18.29         | 95.82M       | -46.34         | 2.39352G     | -52.34         | 2.48396G     | -44.61         | 16.44207G    | -46.52         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.43198G    | 4.94         | -25.06         | 95.84M       | -47.40         | 2.39976G     | -29.60         | 2.4841G      | -49.86         | 15.21208G    | -47.32         | 1    |
| 2422MHz                        | Pass   | 2.43198G    | 4.94         | -25.06         | 95.84M       | -48.40         | 2.39952G     | -29.49         | 2.4851G      | -50.66         | 24.15022G    | -46.90         | 2    |
| 2437MHz                        | Pass   | 2.43198G    | 4.94         | -25.06         | 95.84M       | -46.85         | 2.392G       | -37.17         | 2.48814G     | -41.72         | 15.07465G    | -47.69         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 4.94         | -25.06         | 95.84M       | -46.83         | 2.39784G     | -37.50         | 2.48446G     | -39.61         | 16.31707G    | -46.84         | 2    |
| 2452MHz                        | Pass   | 2.43198G    | 4.94         | -25.06         | 96.12M       | -47.12         | 2.39904G     | -51.03         | 2.48446G     | -39.83         | 17.41646G    | -47.34         | 1    |
| 2452MHz                        | Pass   | 2.43198G    | 4.94         | -25.06         | 95.84M       | -47.16         | 2.39832G     | -51.99         | 2.48818G     | -42.45         | 16.8219G     | -47.24         | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

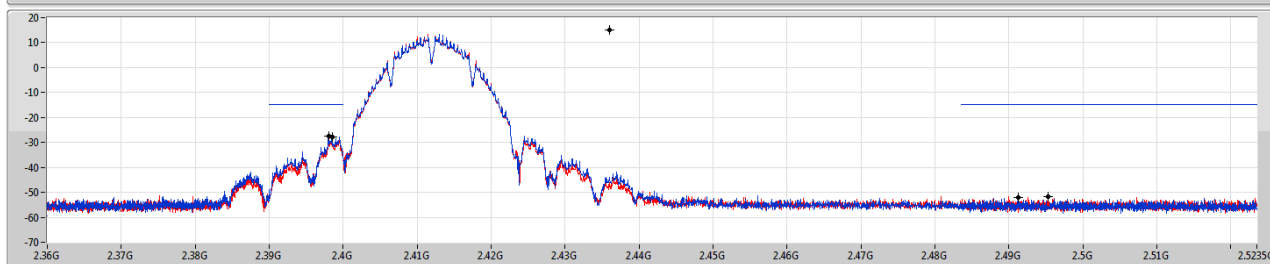
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

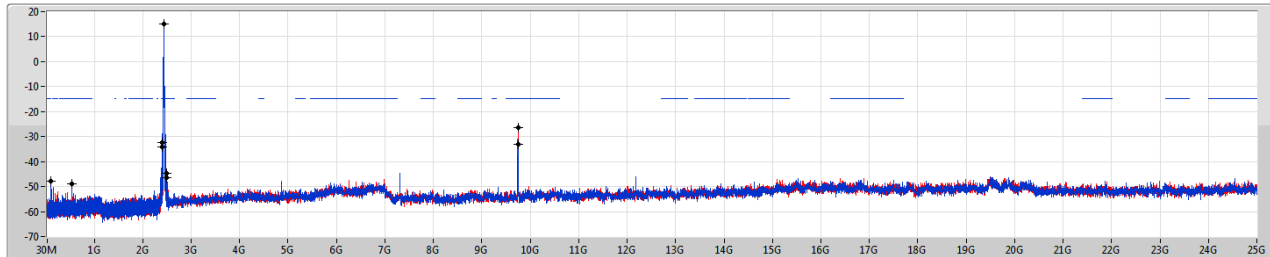
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.43599G | 15.08    | -14.92     | 95.82M   | -47.04     | 2.398G   | -27.32     | 2.4913G  | -51.95     | 9.64855G | -46.19     | 1    |
| 2.43599G | 15.08    | -14.92     | 95.82M   | -46.66     | 2.3985G  | -27.93     | 2.49524G | -51.55     | 9.64855G | -43.78     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

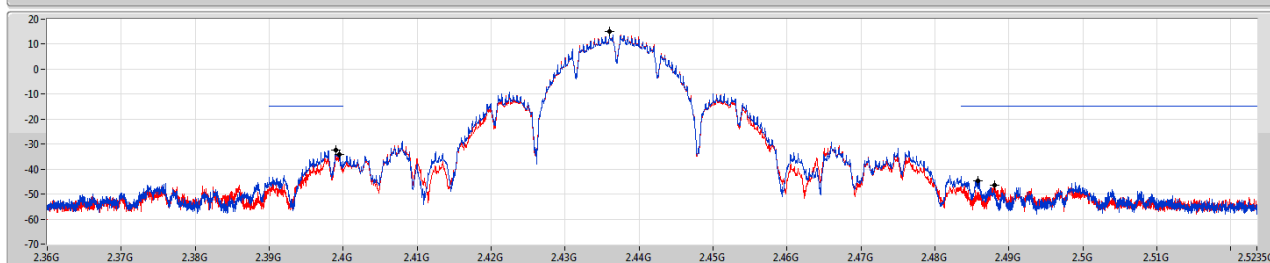
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

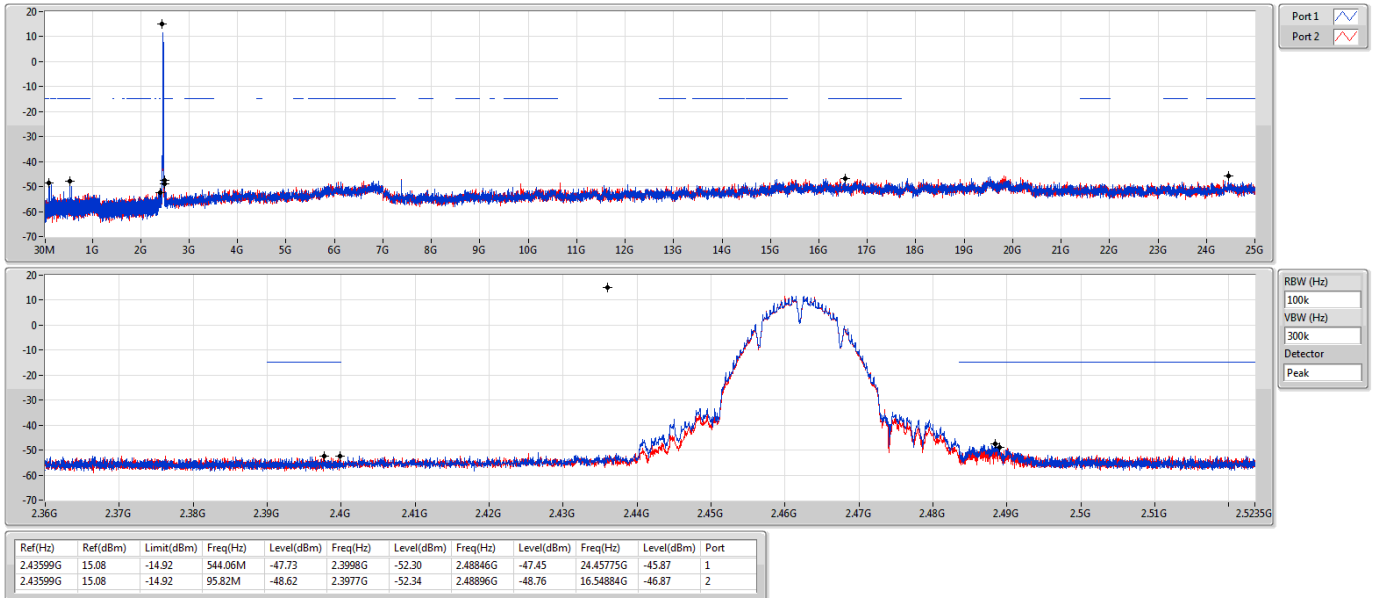
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.43599G | 15.08    | -14.92     | 544.06M  | -48.85     | 2.39898G | -32.33     | 2.48578G | -44.62     | 9.74689G | -32.92     | 1    |
| 2.43599G | 15.08    | -14.92     | 95.82M   | -47.76     | 2.39952G | -34.27     | 2.488G   | -46.41     | 9.74689G | -26.27     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

2462MHz

CSE NdB

19/07/2019

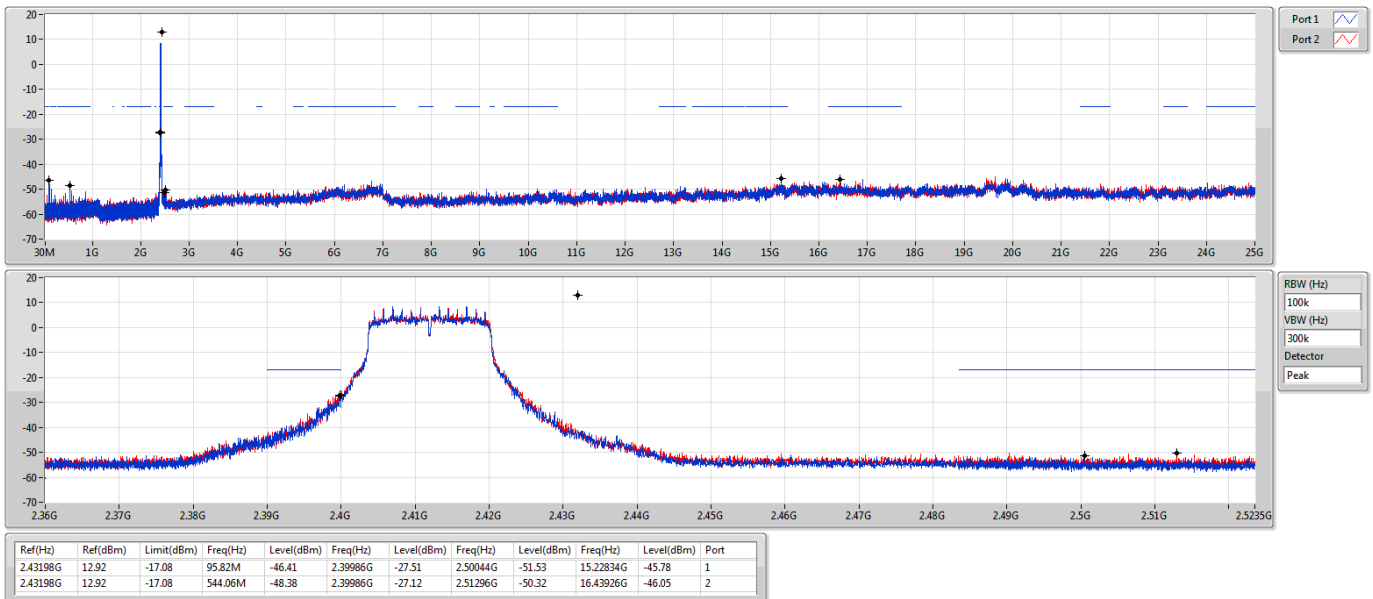


## 802.11g\_Nss1,(6Mbps)\_2TX

2412MHz

CSE NdB

19/07/2019

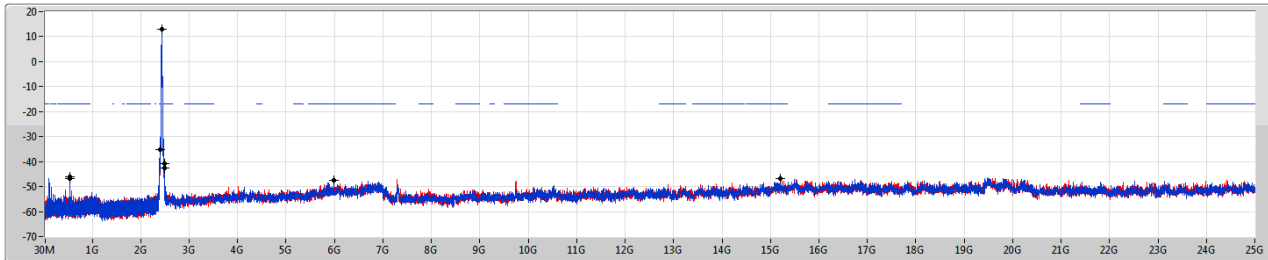


## 802.11g\_Nss1,(6Mbps)\_2TX

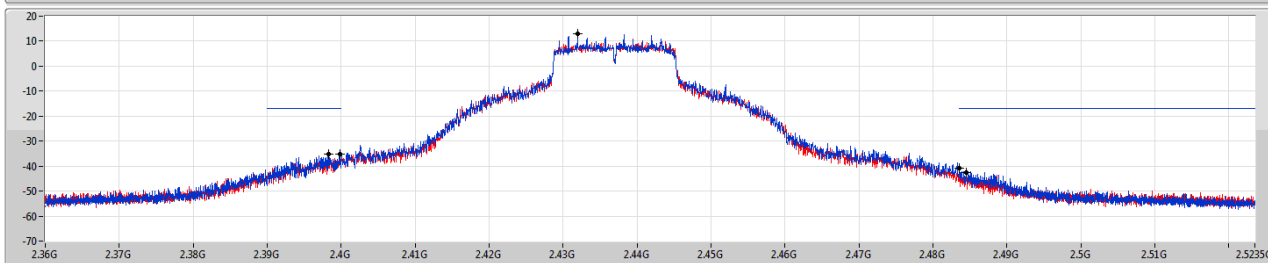
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

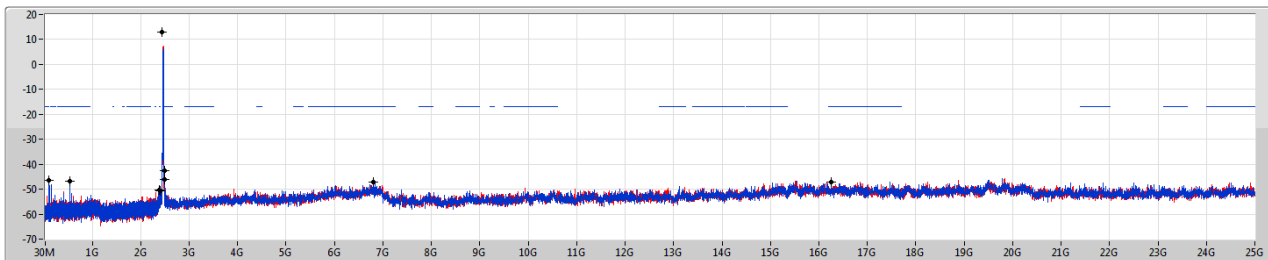
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243198G | 12.92    | -17.08     | 544.06M  | -46.65     | 2.39986G | -35.07     | 2.48356G | -40.85     | 15.20867G | -46.93     | 1    |
| 243198G | 12.92    | -17.08     | 544.06M  | -46.03     | 2.39824G | -35.03     | 2.48448G | -42.43     | 5.3905G   | -47.54     | 2    |

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

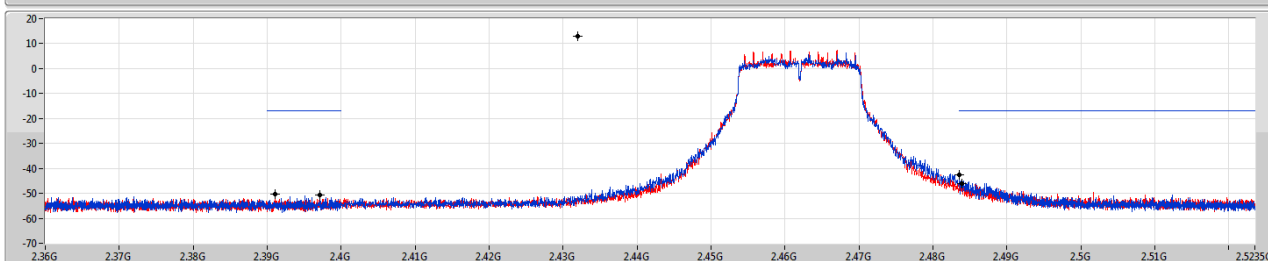
2462MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

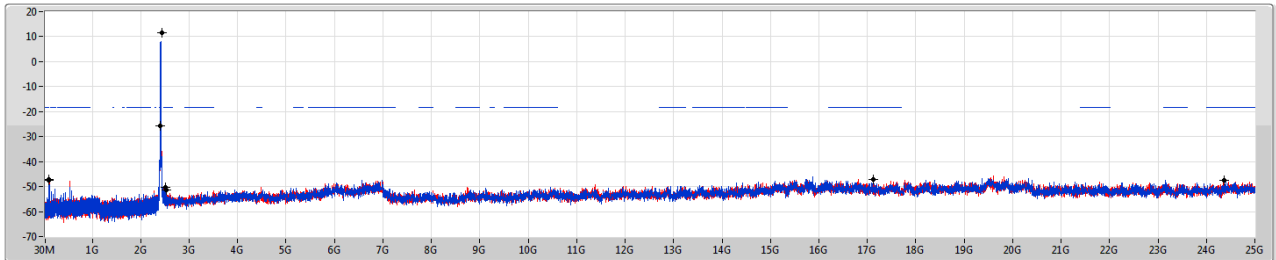
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243198G | 12.92    | -17.08     | 544.06M  | -46.81     | 2.39708G | -50.83     | 2.48356G | -42.46     | 6.79684G  | -47.15     | 1    |
| 243198G | 12.92    | -17.08     | 95.82M   | -46.35     | 2.3911G  | -50.34     | 2.48386G | -46.16     | 16.25383G | -47.05     | 2    |

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

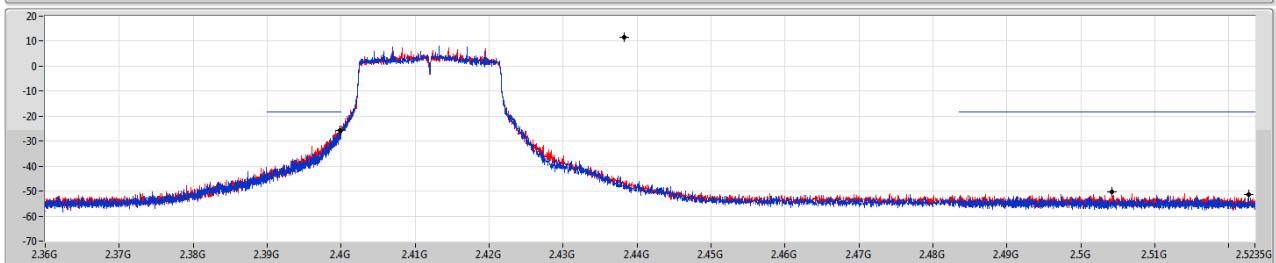
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

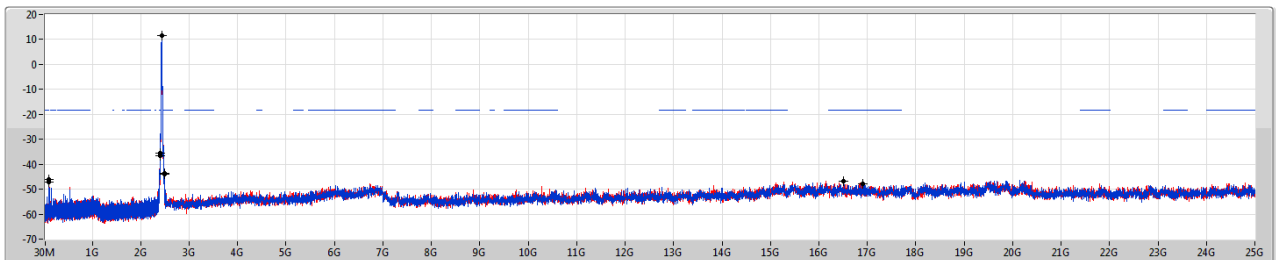
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43824G | 11.71    | -18.29     | 95.82M   | -47.28     | 2.39986G | -25.56     | 2.52262G | -51.25     | 24.35942G | -47.35     | 1    |
| 2.43824G | 11.71    | -18.29     | 95.82M   | -47.67     | 2.39988G | -25.70     | 2.50422G | -50.39     | 17.11918G | -47.27     | 2    |

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

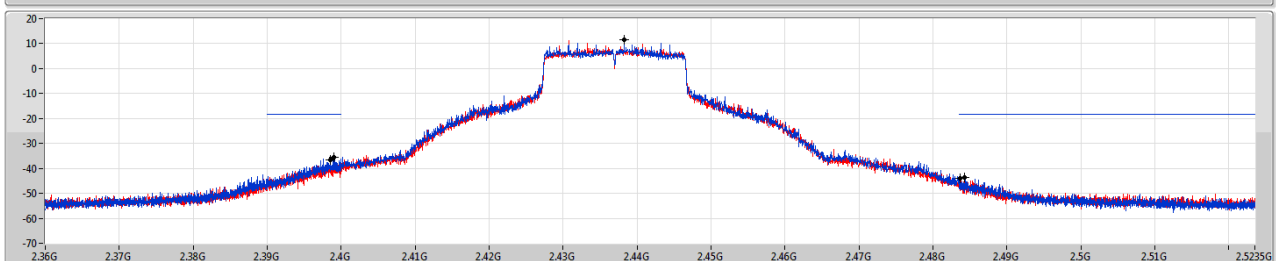
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

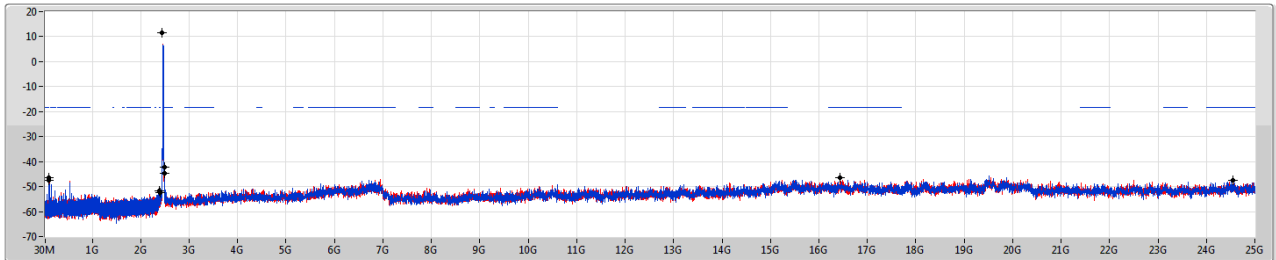
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43824G | 11.71    | -18.29     | 95.82M   | -47.06     | 2.39986G | -35.46     | 2.48364G | -43.85     | 16.91127G | -47.95     | 1    |
| 2.43824G | 11.71    | -18.29     | 95.82M   | -46.04     | 2.39848G | -36.62     | 2.4842G  | -43.78     | 16.50669G | -46.92     | 2    |

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

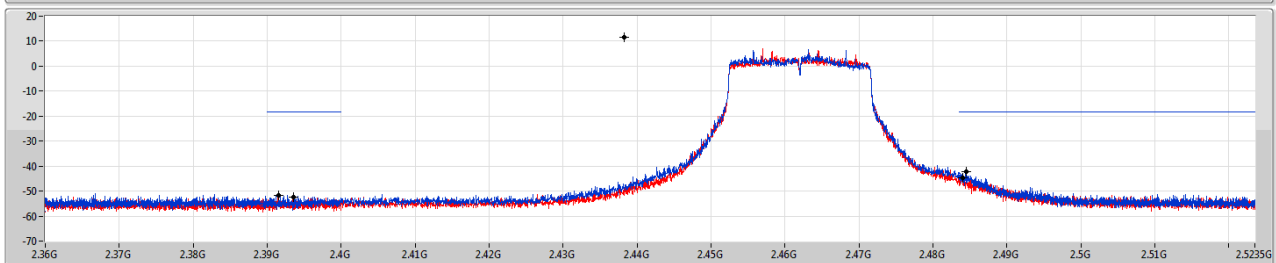
2462MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

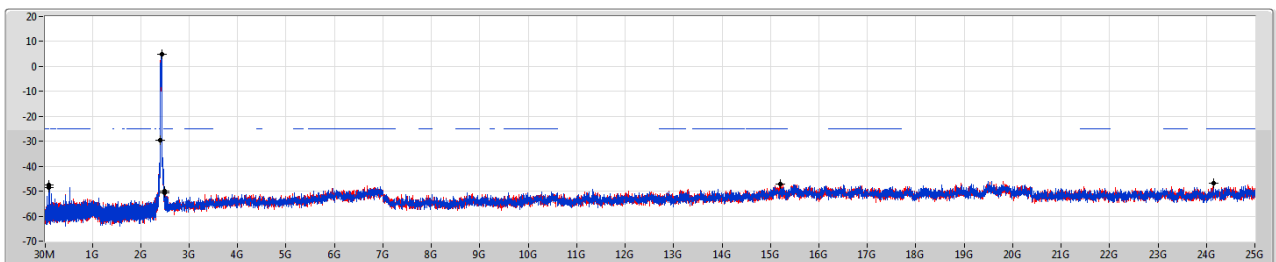
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43824G | 11.71    | -18.29     | 95.82M   | -47.39     | 2.39158G | -51.65     | 2.48446G | -42.27     | 24.55609G | -47.43     | 1    |
| 2.43824G | 11.71    | -18.29     | 95.82M   | -46.34     | 2.39352G | -52.34     | 2.48396G | -44.61     | 16.44207G | -46.52     | 2    |

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

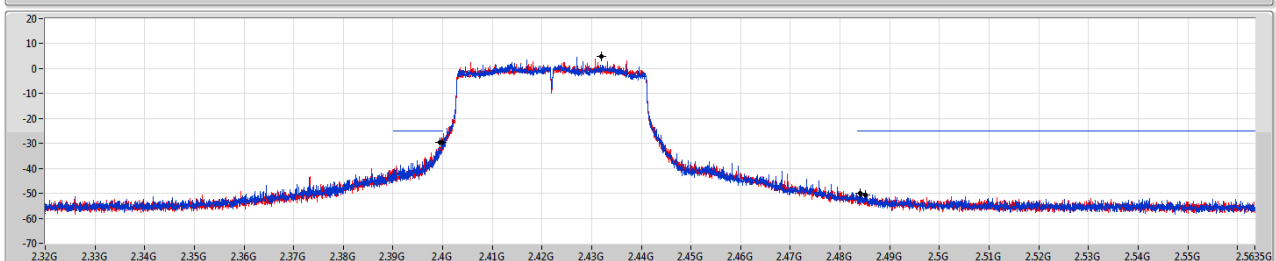
2422MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

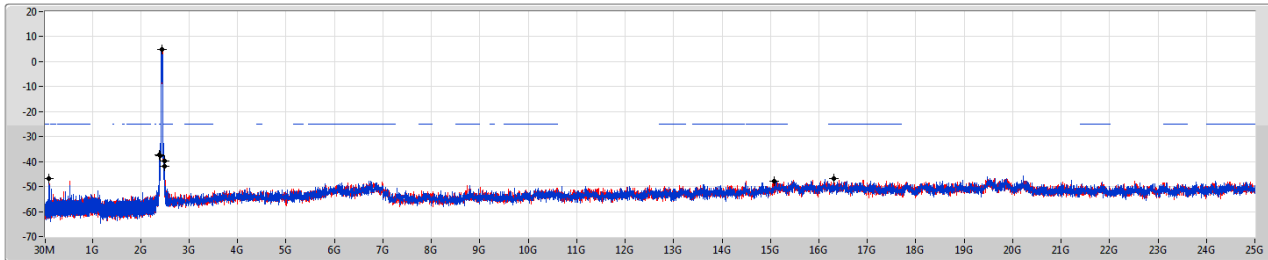
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 4.94     | -25.06     | 95.84M   | -47.40     | 2.39976G | -29.60     | 2.4841G  | -49.86     | 15.21208G | -47.32     | 1    |
| 2.43198G | 4.94     | -25.06     | 95.84M   | -48.40     | 2.39952G | -29.49     | 2.4851G  | -50.66     | 24.15022G | -46.90     | 2    |

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

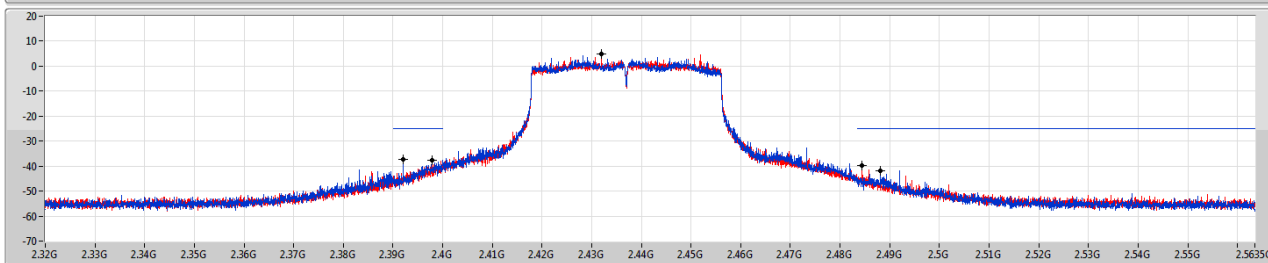
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

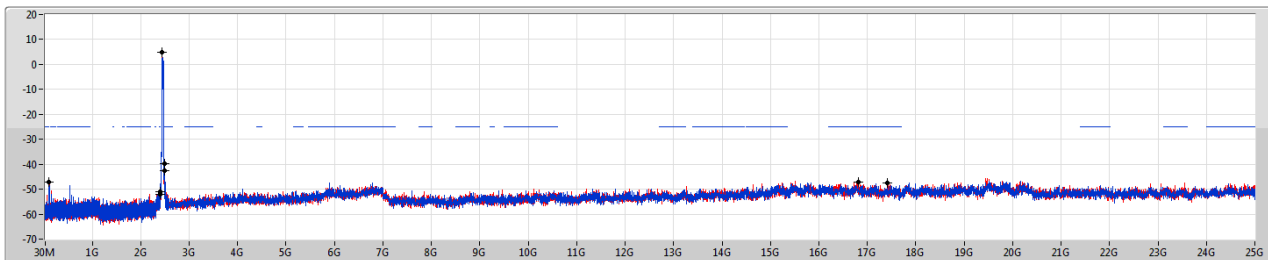
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 4.94     | -25.06     | 95.84M   | -46.85     | 2.392G   | -37.17     | 2.48814G | -41.72     | 15.07465G | -47.69     | 1    |
| 2.43198G | 4.94     | -25.06     | 95.84M   | -46.83     | 2.39784G | -37.50     | 2.48446G | -39.61     | 16.31707G | -46.84     | 2    |

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

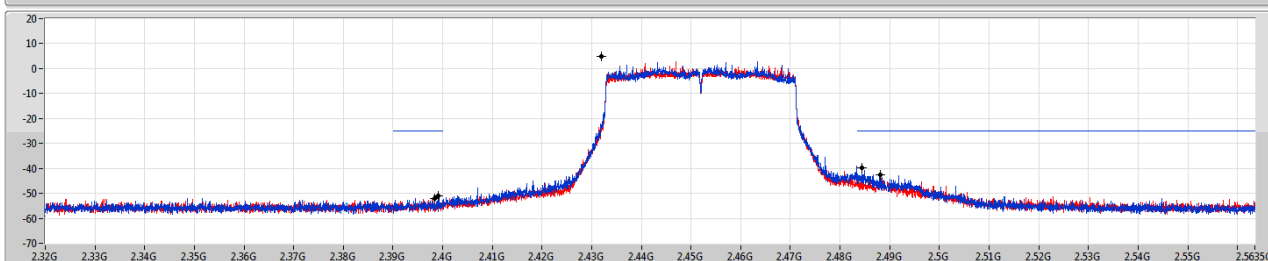
2452MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 4.94     | -25.06     | 96.12M   | -47.12     | 2.39904G | -51.03     | 2.48446G | -39.83     | 17.41646G | -47.34     | 1    |
| 2.43198G | 4.94     | -25.06     | 95.84M   | -47.16     | 2.39832G | -51.99     | 2.48818G | -42.45     | 16.8219G  | -47.24     | 2    |

**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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | Pass   | 2.43799G    | 10.88        | -19.12         | 544.06M      | -40.09         | 2.39978G     | -28.14         | 2.50938G     | -46.79         | 21.84486G    | -42.23         | 1    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.85         | 2.39052G     | -44.27         | 2.48666G     | -28.57         | 16.40963G    | -41.80         | 2    |



Result

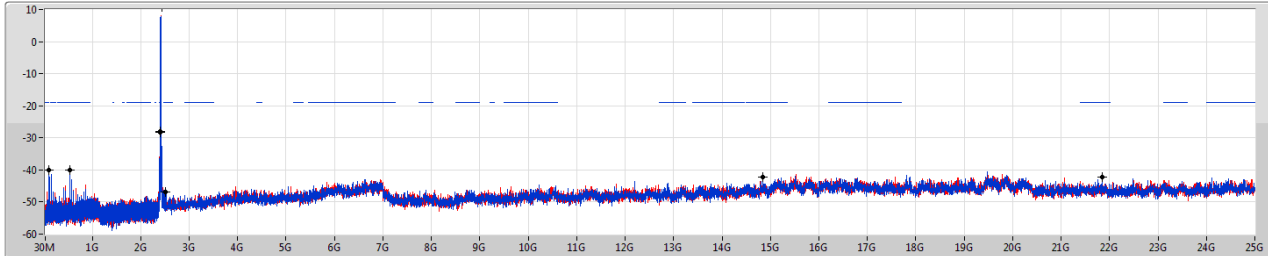
| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.43799G    | 10.88        | -19.12         | 544.06M      | -40.09         | 2.39978G     | -28.14         | 2.50938G     | -46.79         | 21.84486G    | -42.23         | 1    |
| 2412MHz                           | Pass   | 2.43799G    | 10.88        | -19.12         | 95.82M       | -40.08         | 2.39974G     | -28.40         | 2.51618G     | -46.95         | 14.84062G    | -42.14         | 2    |
| 2437MHz                           | Pass   | 2.43799G    | 10.88        | -19.12         | 544.06M      | -40.13         | 2.39926G     | -47.89         | 2.49872G     | -47.56         | 16.77922G    | -41.39         | 1    |
| 2437MHz                           | Pass   | 2.43799G    | 10.88        | -19.12         | 544.06M      | -39.87         | 2.39956G     | -47.35         | 2.52344G     | -46.68         | 15.13001G    | -42.06         | 2    |
| 2462MHz                           | Pass   | 2.43799G    | 10.88        | -19.12         | 95.82M       | -38.99         | 2.39858G     | -47.09         | 2.48406G     | -42.74         | 16.86913G    | -42.48         | 1    |
| 2462MHz                           | Pass   | 2.43799G    | 10.88        | -19.12         | 544.06M      | -39.64         | 2.39878G     | -48.14         | 2.48398G     | -46.18         | 6.74346G     | -42.23         | 2    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 95.84M       | -40.52         | 2.39972G     | -30.32         | 2.48442G     | -46.10         | 15.20366G    | -42.25         | 1    |
| 2422MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.52         | 2.3998G      | -32.93         | 2.5355G      | -47.45         | 6.96947G     | -42.17         | 2    |
| 2437MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 95.84M       | -39.08         | 2.39576G     | -36.95         | 2.48426G     | -39.98         | 6.81241G     | -42.02         | 1    |
| 2437MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.15         | 2.39392G     | -40.21         | 2.48638G     | -42.21         | 16.34792G    | -41.92         | 2    |
| 2452MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -38.79         | 2.39388G     | -39.84         | 2.48434G     | -35.04         | 16.55546G    | -40.71         | 1    |
| 2452MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.85         | 2.39052G     | -44.27         | 2.48666G     | -28.57         | 16.40963G    | -41.80         | 2    |

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

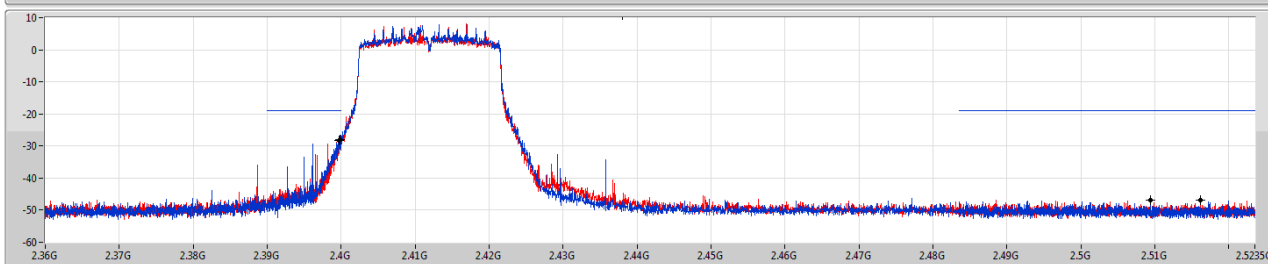
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

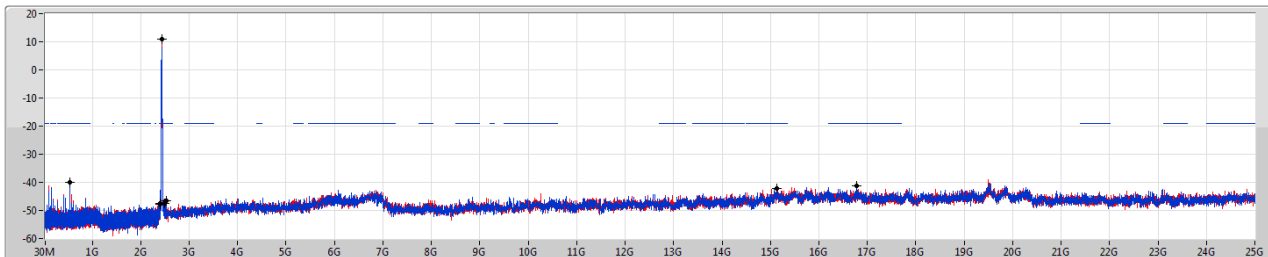
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43799G | 10.88    | -19.12     | 544.06M  | -40.09     | 2.39978G | -28.14     | 2.50938G | -46.79     | 21.84486G | -42.23     | 1    |
| 2.43799G | 10.88    | -19.12     | 95.82M   | -40.08     | 2.39974G | -28.40     | 2.51618G | -46.95     | 14.84062G | -42.14     | 2    |

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

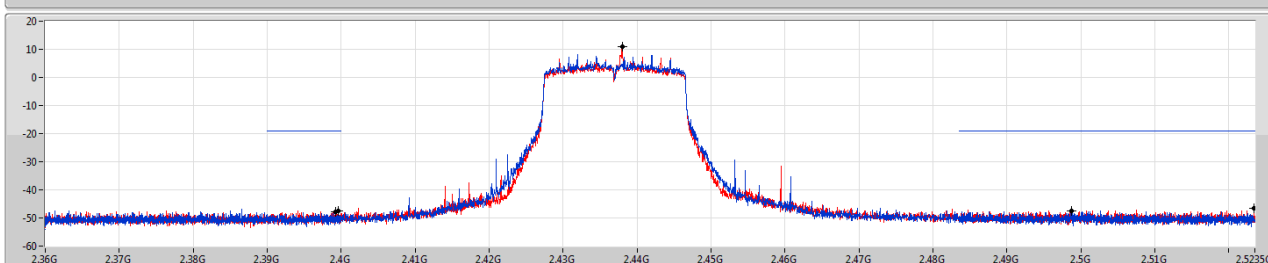
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

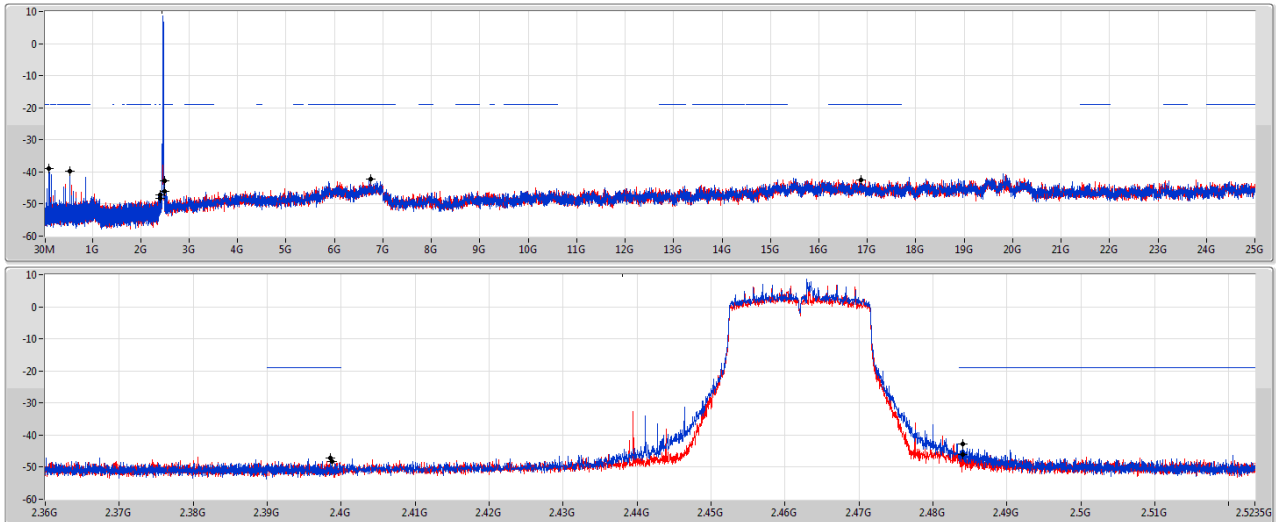
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43799G | 10.88    | -19.12     | 544.06M  | -40.13     | 2.39926G | -47.89     | 2.49872G | -47.56     | 16.77922G | -41.39     | 1    |
| 2.43799G | 10.88    | -19.12     | 544.06M  | -39.87     | 2.39956G | -47.35     | 2.52344G | -46.68     | 15.13001G | -42.06     | 2    |

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

2462MHz

CSE NdB

19/07/2019

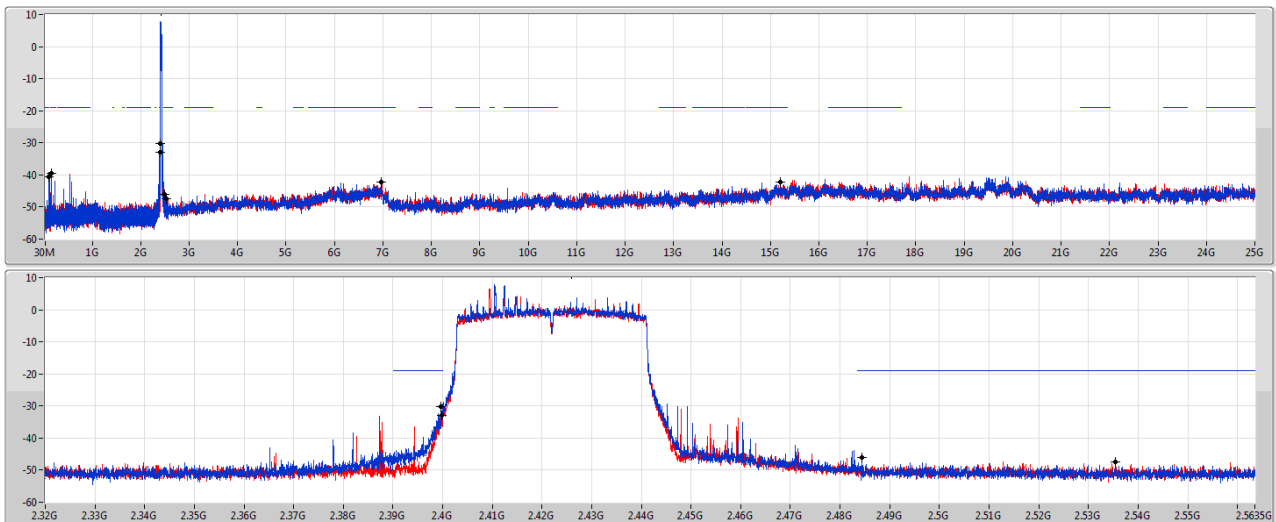


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

2422MHz

CSE NdB

19/07/2019

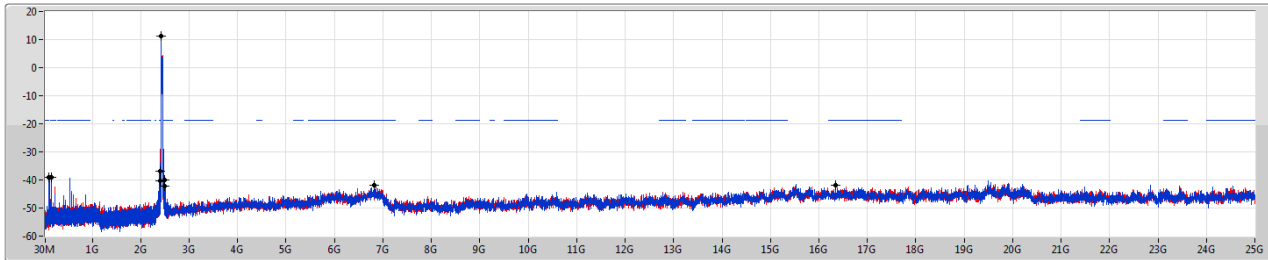


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

2437MHz

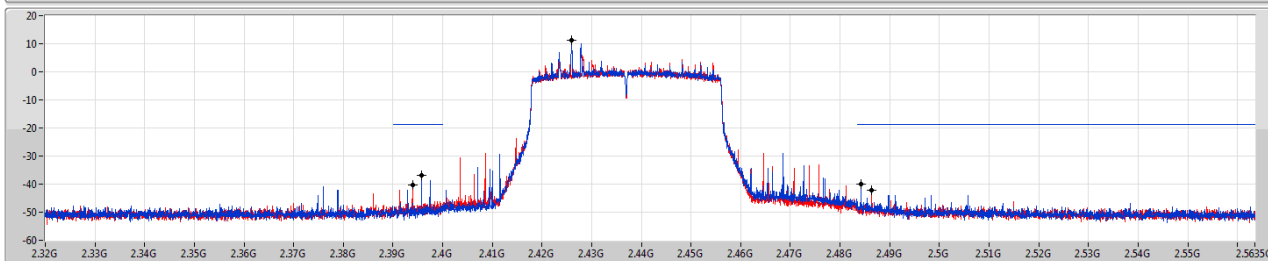
CSE NdB

19/07/2019



Port 1  
Port 2

RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



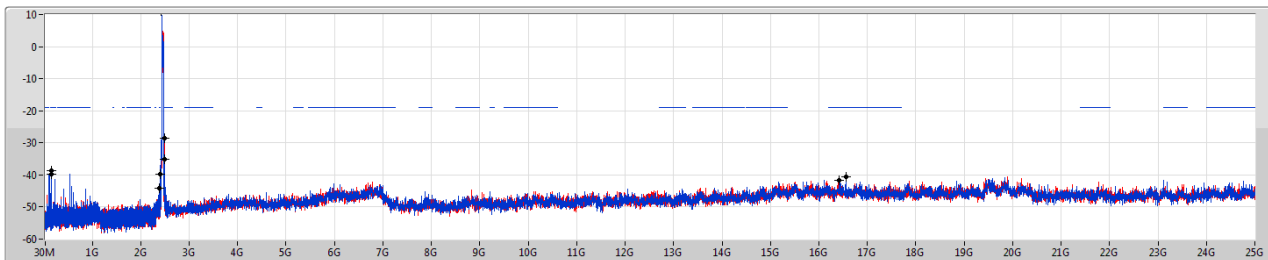
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 11.12    | -18.88     | 95.84M   | -39.08     | 2.39576G | -36.95     | 2.48426G | -39.98     | 6.81241G  | -42.02     | 1    |
| 2.42597G | 11.12    | -18.88     | 159.96M  | -39.15     | 2.39302G | -40.21     | 2.48638G | -42.21     | 16.34792G | -41.92     | 2    |

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

2452MHz

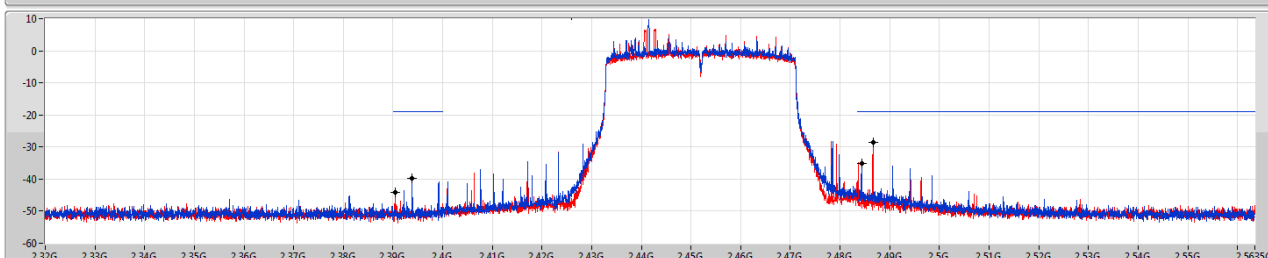
CSE NdB

19/07/2019



Port 1  
Port 2

RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 11.12    | -18.88     | 159.96M  | -38.79     | 2.39388G | -39.84     | 2.48434G | -35.04     | 16.55546G | -40.71     | 1    |
| 2.42597G | 11.12    | -18.88     | 159.96M  | -39.85     | 2.39052G | -44.27     | 2.48666G | -28.57     | 16.40963G | -41.80     | 2    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_4TX       | Pass   | 2.43595G    | 14.67        | -15.33         | 544.06M      | -48.06         | 2.39948G     | -36.18         | 2.48796G     | -45.22         | 9.74689G     | -28.02         | 4    |
| 802.11g_Nss1,(6Mbps)_4TX       | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -44.04         | 2.39976G     | -27.01         | 2.49892G     | -51.12         | 16.44207G    | -46.71         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | 2.44196G    | 11.83        | -18.17         | 544.06M      | -44.04         | 2.39996G     | -24.65         | 2.51268G     | -50.73         | 15.20306G    | -47.04         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -48.71         | 2.39996G     | -30.80         | 2.49978G     | -50.92         | 17.50621G    | -47.82         | 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_Nss1,(1Mbps)_4TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -47.47         | 2.3985G      | -30.60         | 2.50512G     | -51.94         | 16.43645G    | -46.88         | 1    |
| 2412MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -48.46         | 2.39798G     | -31.41         | 2.49058G     | -51.94         | 16.8017G     | -46.43         | 2    |
| 2412MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -46.27         | 2.39852G     | -31.83         | 2.51796G     | -51.73         | 9.64855G     | -46.73         | 3    |
| 2412MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -46.77         | 2.398G       | -32.87         | 2.51166G     | -52.44         | 9.64855G     | -45.17         | 4    |
| 2437MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -47.78         | 2.39948G     | -34.14         | 2.48796G     | -45.28         | 9.74689G     | -33.94         | 1    |
| 2437MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -44.34         | 2.39902G     | -38.41         | 2.48748G     | -46.63         | 9.74689G     | -28.48         | 2    |
| 2437MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -46.51         | 2.3995G      | -37.16         | 2.48792G     | -45.64         | 9.74689G     | -28.85         | 3    |
| 2437MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 544.06M      | -48.06         | 2.39948G     | -36.18         | 2.48796G     | -45.22         | 9.74689G     | -28.02         | 4    |
| 2462MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -48.24         | 2.39266G     | -52.45         | 2.487G       | -47.27         | 17.42261G    | -47.23         | 1    |
| 2462MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -49.29         | 2.39492G     | -51.96         | 2.4852G      | -48.36         | 21.87015G    | -47.17         | 2    |
| 2462MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -47.64         | 2.39284G     | -52.68         | 2.48352G     | -48.64         | 9.84803G     | -47.55         | 3    |
| 2462MHz                        | Pass   | 2.43595G    | 14.67        | -15.33         | 95.82M       | -48.09         | 2.39964G     | -52.38         | 2.48882G     | -48.95         | 16.48984G    | -47.06         | 4    |
| 802.11g_Nss1,(6Mbps)_4TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -43.20         | 2.39984G     | -28.28         | 2.48606G     | -51.01         | 6.83618G     | -47.10         | 1    |
| 2412MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -44.04         | 2.39976G     | -27.01         | 2.49892G     | -51.12         | 16.44207G    | -46.71         | 2    |
| 2412MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -44.32         | 2.39976G     | -27.02         | 2.51158G     | -51.69         | 24.78366G    | -46.66         | 3    |
| 2412MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -42.67         | 2.39988G     | -28.09         | 2.49484G     | -51.25         | 6.88394G     | -47.50         | 4    |
| 2437MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -43.95         | 2.39986G     | -36.31         | 2.48418G     | -44.05         | 15.13282G    | -46.87         | 1    |
| 2437MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -42.30         | 2.39986G     | -37.24         | 2.48446G     | -44.73         | 16.80732G    | -47.12         | 2    |
| 2437MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -42.37         | 2.39664G     | -36.21         | 2.48388G     | -44.30         | 16.81574G    | -46.74         | 3    |
| 2437MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -42.12         | 2.397G       | -37.23         | 2.48472G     | -46.12         | 14.80129G    | -46.99         | 4    |
| 2462MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -44.15         | 2.39754G     | -51.50         | 2.4838G      | -43.54         | 24.41842G    | -46.91         | 1    |
| 2462MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -42.91         | 2.39096G     | -52.02         | 2.48358G     | -45.06         | 16.67527G    | -46.80         | 2    |
| 2462MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 159.9M       | -45.15         | 2.39996G     | -51.69         | 2.48354G     | -44.82         | 24.15151G    | -46.81         | 3    |
| 2462MHz                        | Pass   | 2.442G      | 11.95        | -18.05         | 95.82M       | -43.39         | 2.39478G     | -51.56         | 2.48354G     | -45.19         | 17.11918G    | -47.22         | 4    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 95.82M       | -43.52         | 2.39992G     | -24.84         | 2.4937G      | -51.73         | 16.44769G    | -47.68         | 1    |
| 2412MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 544.06M      | -44.04         | 2.39996G     | -24.65         | 2.51268G     | -50.73         | 15.20306G    | -47.04         | 2    |
| 2412MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -44.40         | 2.3996G      | -27.45         | 2.5097G      | -50.63         | 16.42241G    | -46.85         | 3    |
| 2412MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -44.33         | 2.39992G     | -24.89         | 2.49562G     | -51.48         | 16.72303G    | -47.10         | 4    |
| 2437MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -42.99         | 2.39958G     | -34.46         | 2.48378G     | -41.01         | 13.5707G     | -46.75         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 544.06M      | -44.32         | 2.3991G      | -35.96         | 2.48406G     | -42.25         | 24.98595G    | -46.69         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -44.32         | 2.39946G     | -36.73         | 2.48366G     | -42.72         | 6.86708G     | -46.88         | 3    |
| 2437MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 95.82M       | -43.33         | 2.3988G      | -35.90         | 2.4841G      | -40.96         | 17.43666G    | -47.26         | 4    |
| 2462MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 95.82M       | -43.68         | 2.39922G     | -52.34         | 2.4837G      | -44.58         | 16.90565G    | -46.86         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -44.25         | 2.39644G     | -52.43         | 2.48446G     | -46.00         | 21.4459G     | -46.53         | 2    |
| 2462MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -43.48         | 2.39838G     | -52.64         | 2.48488G     | -48.20         | 17.54061G    | -47.37         | 3    |
| 2462MHz                        | Pass   | 2.44196G    | 11.83        | -18.17         | 159.9M       | -43.92         | 2.39418G     | -51.78         | 2.48432G     | -46.11         | 16.38588G    | -47.80         | 4    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -46.87         | 2.39984G     | -33.52         | 2.48634G     | -51.29         | 6.87972G     | -47.12         | 1    |
| 2422MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -48.71         | 2.39996G     | -30.80         | 2.49978G     | -50.92         | 17.50621G    | -47.82         | 2    |
| 2422MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -49.16         | 2.39932G     | -33.15         | 2.48694G     | -50.80         | 24.8177G     | -47.46         | 3    |
| 2422MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -47.56         | 2.39992G     | -31.98         | 2.48598G     | -51.64         | 16.44048G    | -47.49         | 4    |
| 2437MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -46.65         | 2.392G       | -41.28         | 2.48826G     | -42.12         | 24.11095G    | -47.27         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -47.42         | 2.39824G     | -41.19         | 2.48534G     | -45.50         | 16.79946G    | -46.95         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -47.55         | 2.39948G     | -42.07         | 2.48518G     | -45.11         | 16.23013G    | -47.16         | 3    |

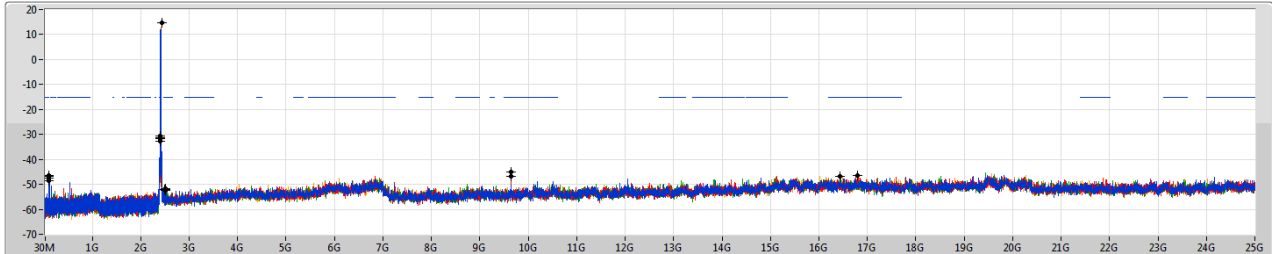
| Mode    | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2437MHz | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -48.82         | 2.39952G     | -37.68         | 2.4891G      | -44.11         | 6.07201G     | -46.00         | 4    |
| 2452MHz | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -46.80         | 2.39956G     | -50.82         | 2.48574G     | -40.12         | 6.77315G     | -47.74         | 1    |
| 2452MHz | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -46.27         | 2.39612G     | -51.46         | 2.48426G     | -44.71         | 24.52042G    | -46.54         | 2    |
| 2452MHz | Pass   | 2.44196G    | 5.12         | -24.88         | 95.84M       | -47.10         | 2.39728G     | -52.83         | 2.48814G     | -46.02         | 6.89655G     | -46.89         | 3    |
| 2452MHz | Pass   | 2.44196G    | 5.12         | -24.88         | 544.11M      | -48.56         | 2.394G       | -51.52         | 2.48358G     | -46.56         | 16.52181G    | -46.68         | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

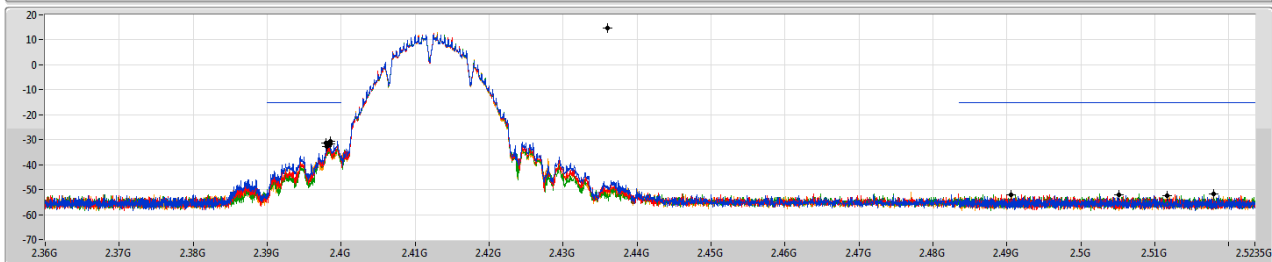
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

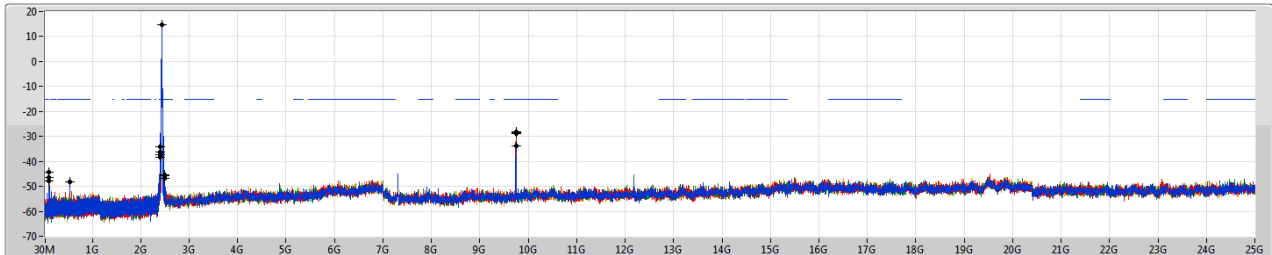
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 24395G  | 14.67    | -15.33     | 95.82M   | -47.47     | 2.3985G  | -30.60     | 2.50512G | -51.94     | 16.43645G | -46.88     | 1    |
| 24395G  | 14.67    | -15.33     | 95.82M   | -48.46     | 2.39798G | -31.41     | 2.49058G | -51.94     | 16.8017G  | -46.43     | 2    |
| 24395G  | 14.67    | -15.33     | 95.82M   | -46.27     | 2.39852G | -31.83     | 2.51796G | -51.73     | 9.64855G  | -46.73     | 3    |
| 24395G  | 14.67    | -15.33     | 95.82M   | -46.77     | 2.398G   | -32.87     | 2.51166G | -52.44     | 9.64855G  | -45.17     | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

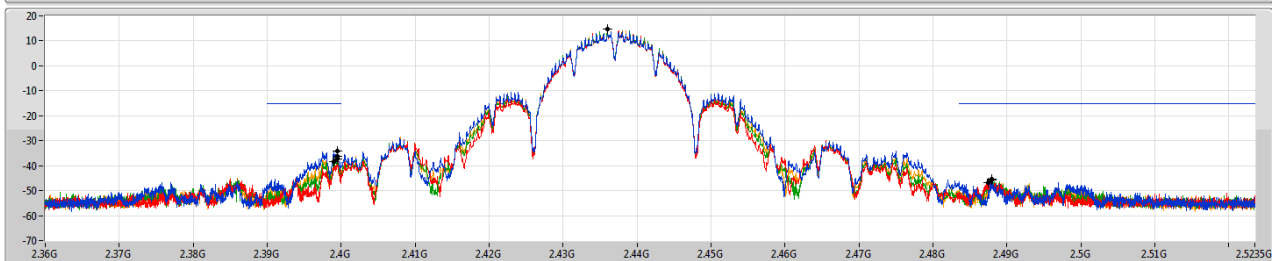
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

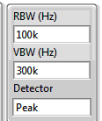
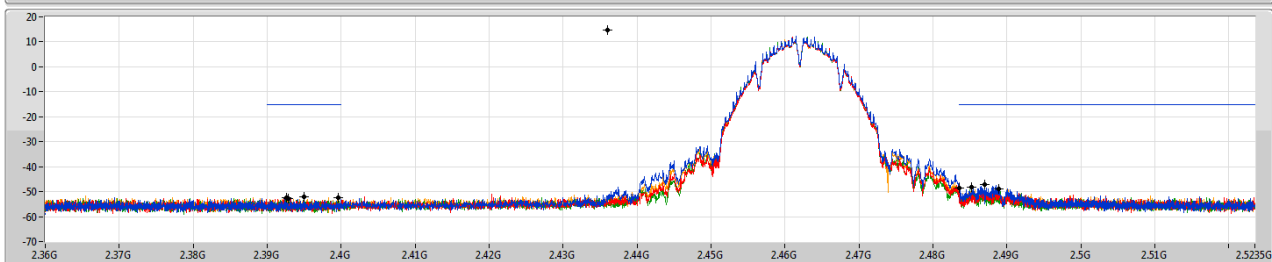
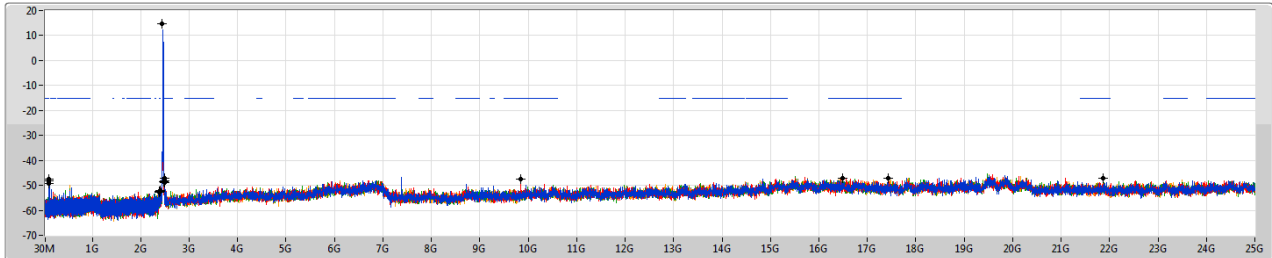
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 24395G  | 14.67    | -15.33     | 95.82M   | -47.78     | 2.39948G | -34.14     | 2.48796G | -45.28     | 9.74689G | -33.94     | 1    |
| 24395G  | 14.67    | -15.33     | 95.82M   | -44.34     | 2.39902G | -38.41     | 2.48748G | -46.63     | 9.74689G | -28.48     | 2    |
| 24395G  | 14.67    | -15.33     | 95.82M   | -46.51     | 2.3995G  | -37.16     | 2.48792G | -45.64     | 9.74689G | -28.85     | 3    |
| 24395G  | 14.67    | -15.33     | 544.06M  | -48.06     | 2.39948G | -36.18     | 2.48796G | -45.22     | 9.74689G | -28.02     | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

2462MHz

CSE NdB

19/07/2019



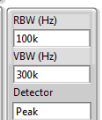
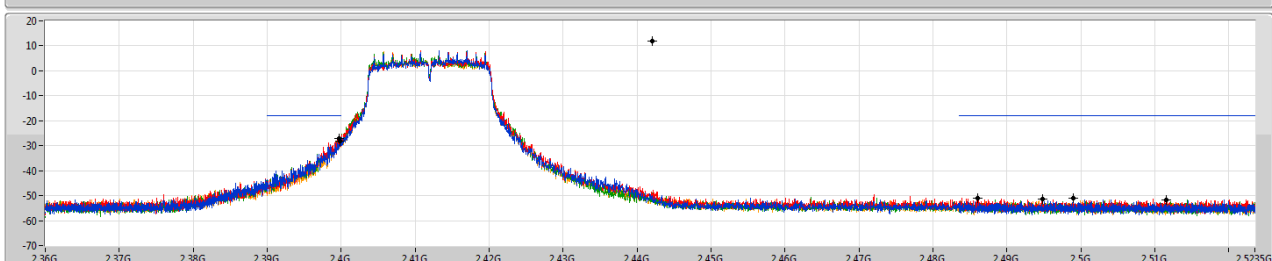
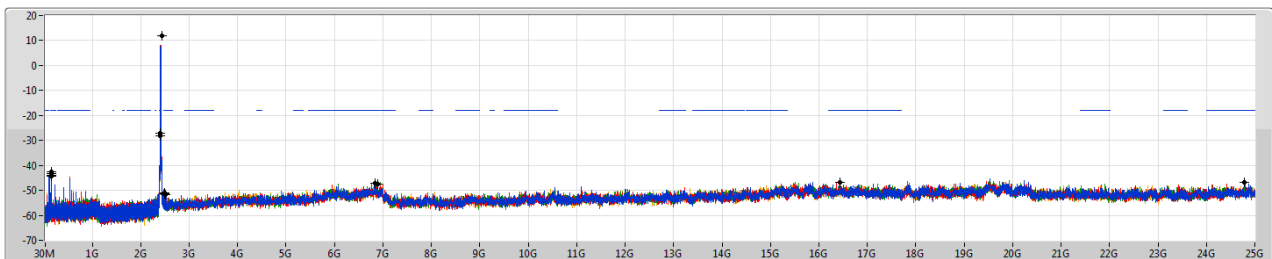
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43595G | 14.67    | -15.33     | 95.82M   | -48.24     | 2.39266G | -52.45     | 2.487G   | -47.27     | 17.42261G | -47.23     | 1    |
| 2.43595G | 14.67    | -15.33     | 95.82M   | -49.29     | 2.39492G | -51.96     | 2.4852G  | -48.36     | 21.87015G | -47.17     | 2    |
| 2.43595G | 14.67    | -15.33     | 95.82M   | -47.64     | 2.39284G | -52.68     | 2.48352G | -48.64     | 9.84803G  | -47.55     | 3    |
| 2.43595G | 14.67    | -15.33     | 95.82M   | -48.09     | 2.39964G | -52.38     | 2.48882G | -48.95     | 16.48984G | -47.06     | 4    |

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

2412MHz

CSE NdB

19/07/2019



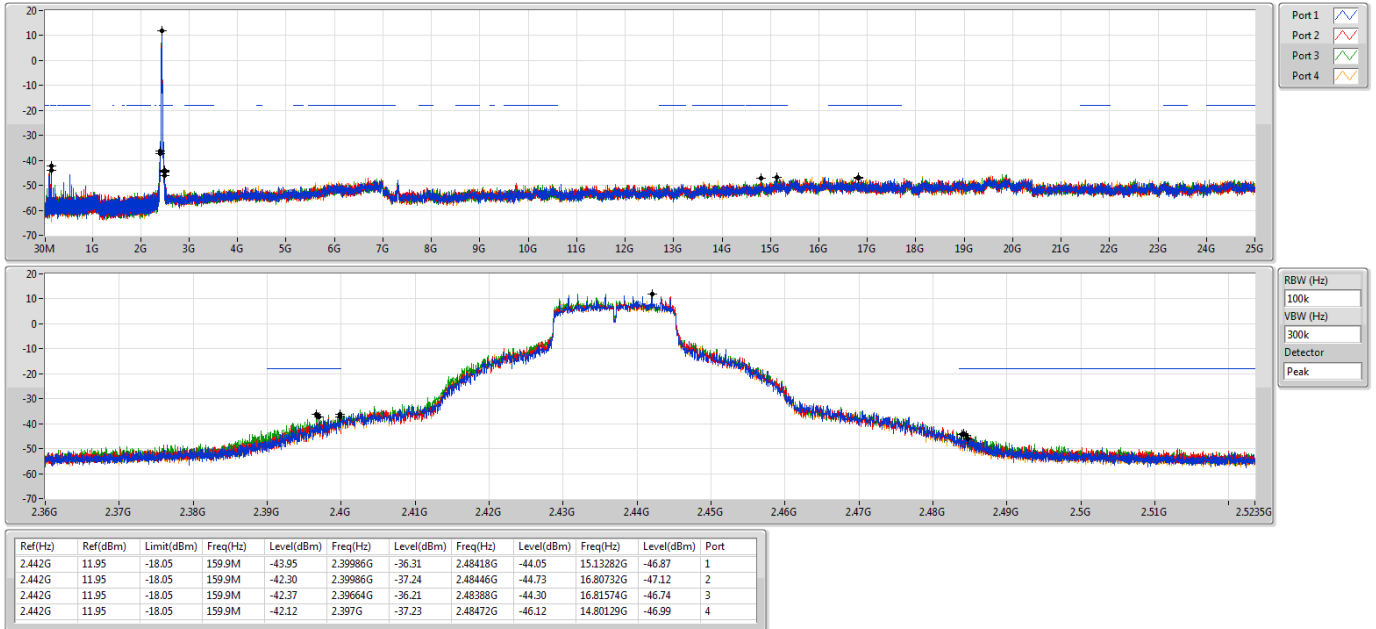
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.442G  | 11.95    | -18.05     | 159.9M   | -43.20     | 2.39984G | -28.28     | 2.48606G | -51.01     | 6.83618G  | -47.10     | 1    |
| 2.442G  | 11.95    | -18.05     | 159.9M   | -44.04     | 2.39976G | -27.01     | 2.48992G | -51.12     | 16.44207G | -46.71     | 2    |
| 2.442G  | 11.95    | -18.05     | 159.9M   | -44.32     | 2.39976G | -27.02     | 2.51158G | -51.69     | 24.78366G | -46.66     | 3    |
| 2.442G  | 11.95    | -18.05     | 159.9M   | -42.67     | 2.39988G | -28.09     | 2.49494G | -51.25     | 6.88394G  | -47.50     | 4    |

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

2437MHz

CSE NdB

19/07/2019

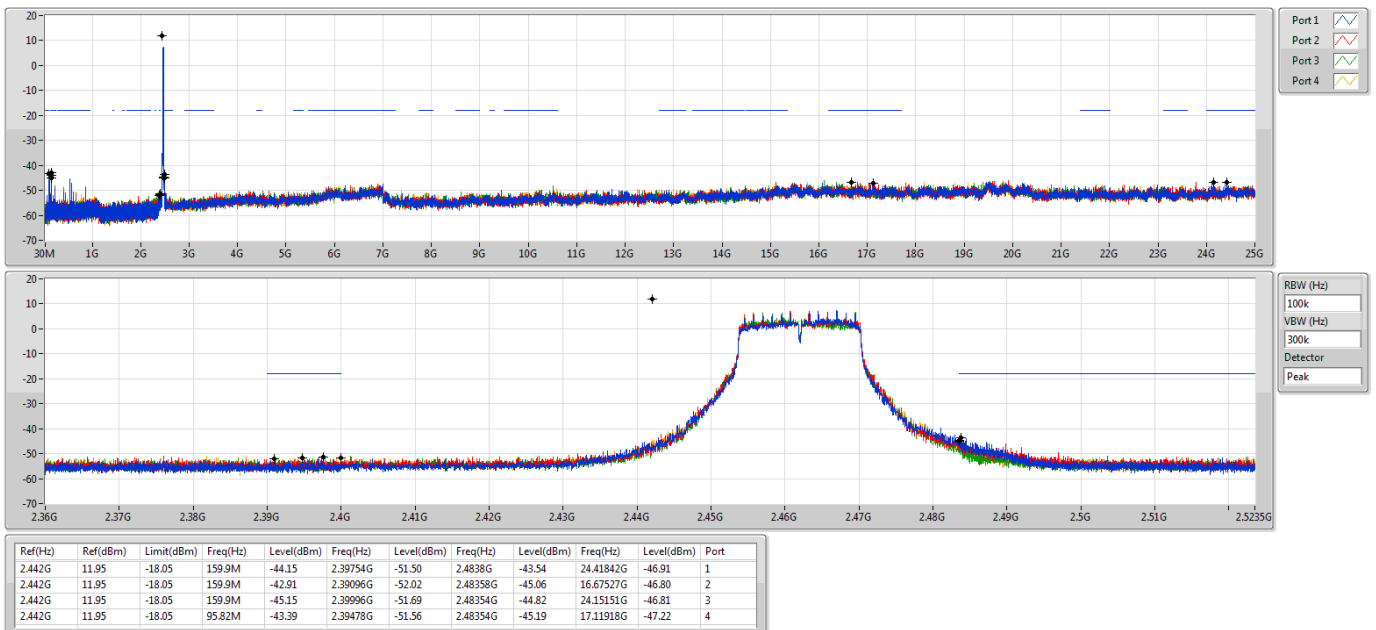


## 802.11g\_Nss1,(6Mbps)\_4TX

2462MHz

CSE NdB

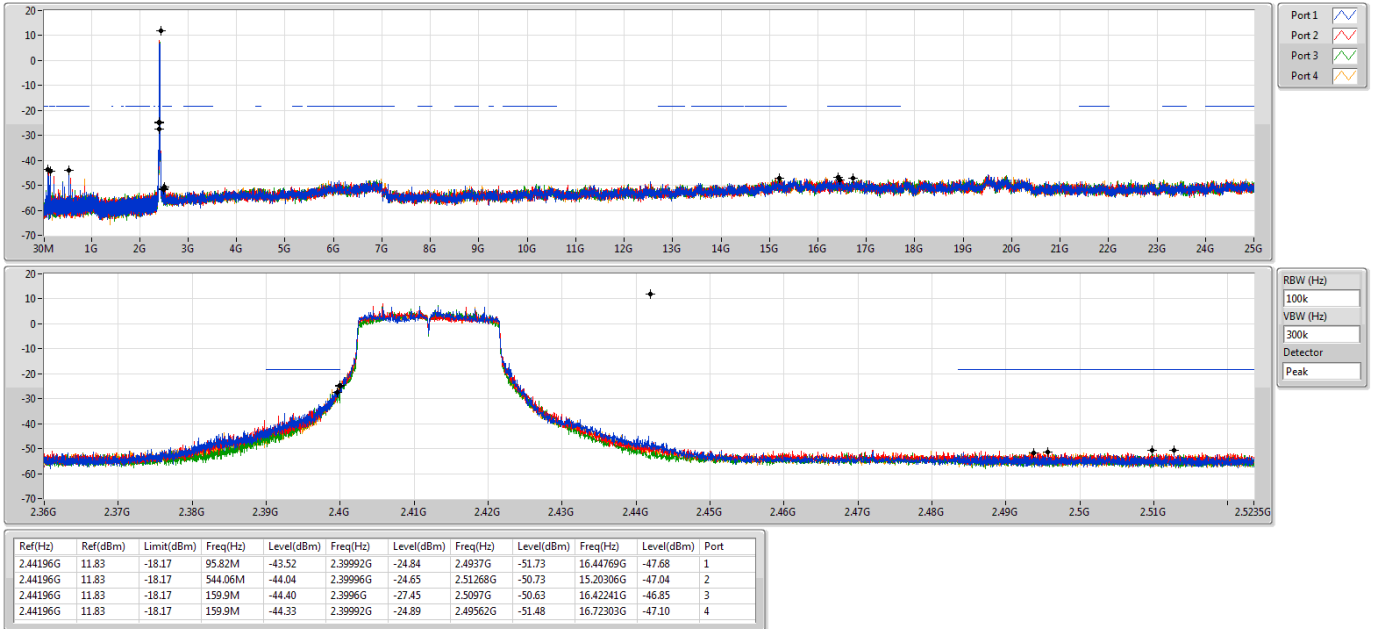
19/07/2019



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

CSE NdB

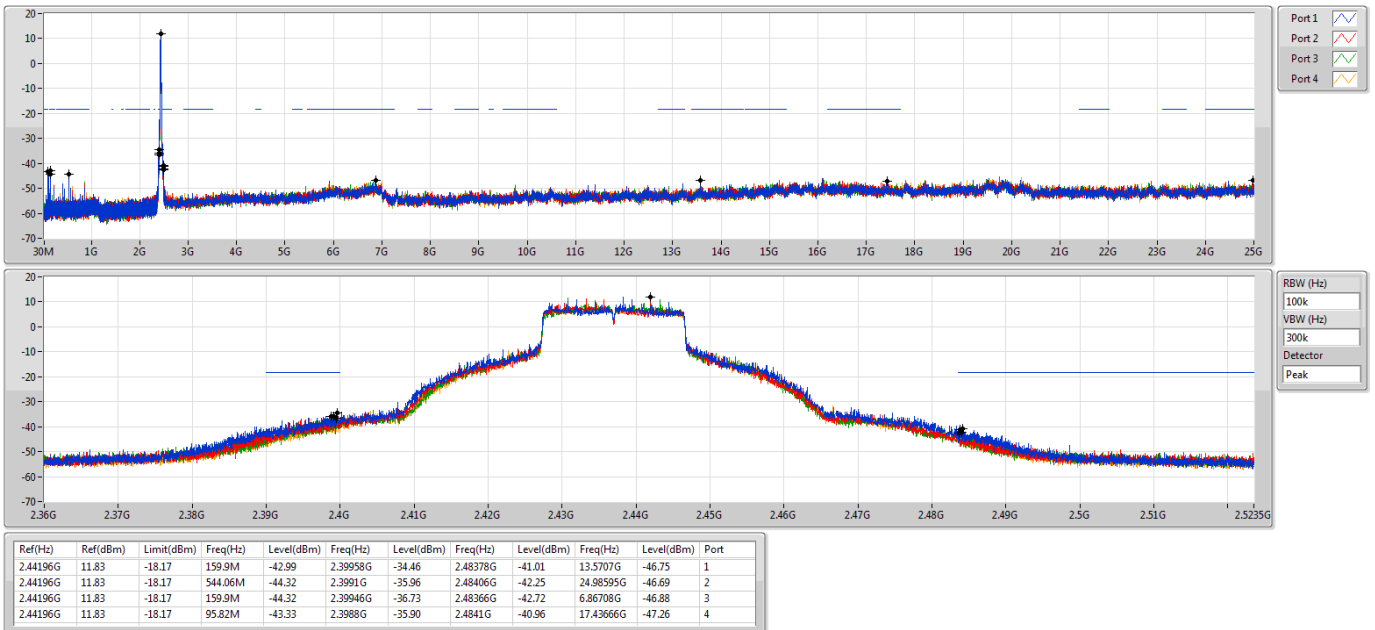
2412MHz



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

CSE NdB

2437MHz

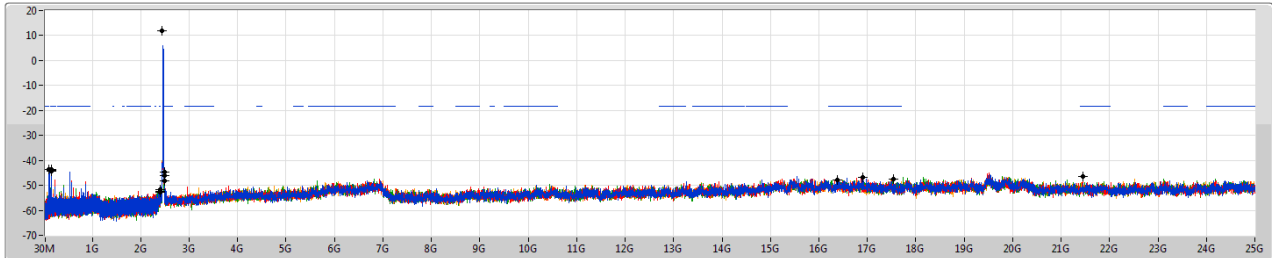


## 802.11ax HEW20\_Nss1,(MCS0)\_4TX

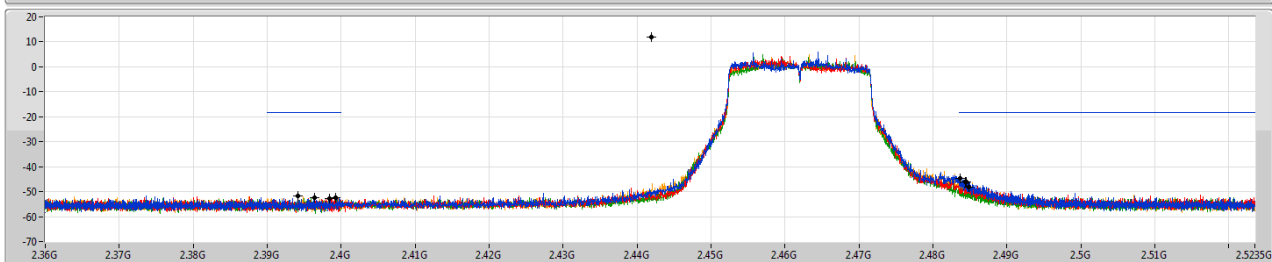
CSE NdB

2462MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

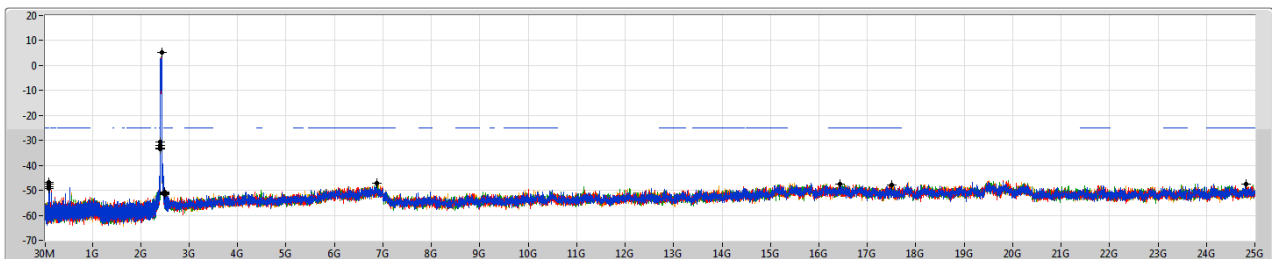
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 11.83    | -18.17     | 95.82M   | -43.68     | 2.39922G | -52.34     | 2.4837G  | -44.58     | 16.90565G | -46.86     | 1    |
| 2.44196G | 11.83    | -18.17     | 159.9M   | -44.25     | 2.39644G | -52.43     | 2.48446G | -46.00     | 21.4459G  | -46.53     | 2    |
| 2.44196G | 11.83    | -18.17     | 159.9M   | -43.48     | 2.39838G | -52.64     | 2.48488G | -48.20     | 17.54061G | -47.37     | 3    |
| 2.44196G | 11.83    | -18.17     | 159.9M   | -43.92     | 2.39418G | -51.78     | 2.48432G | -46.11     | 16.38588G | -47.80     | 4    |

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

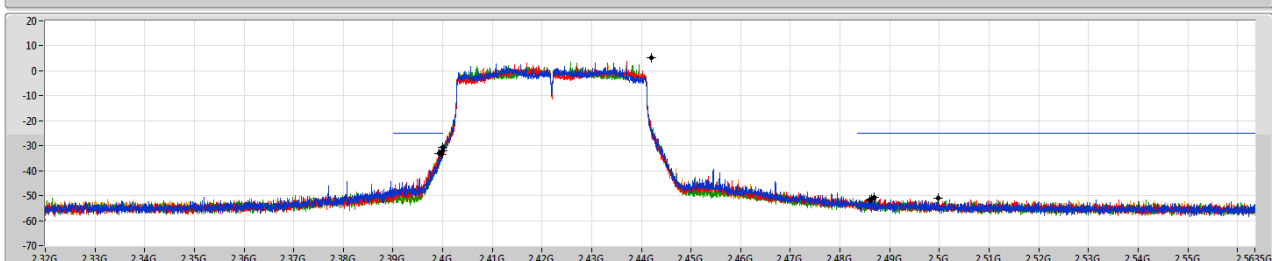
CSE NdB

2422MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

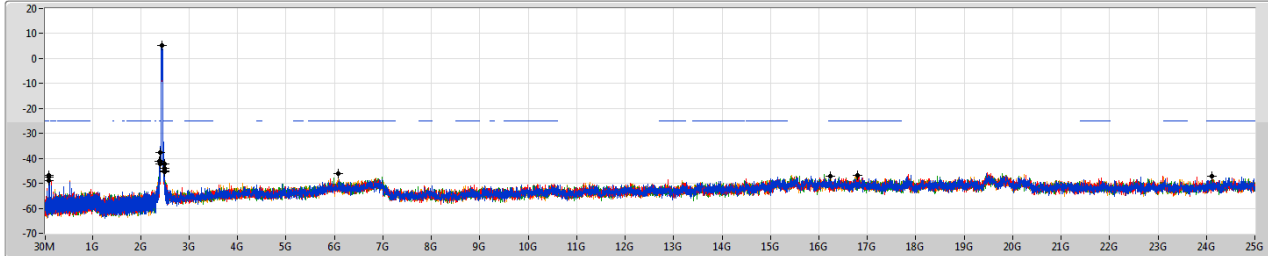
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 5.12     | -24.88     | 95.84M   | -46.87     | 2.39984G | -33.52     | 2.48634G | -51.29     | 6.87972G  | -47.12     | 1    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -48.71     | 2.39996G | -30.80     | 2.49978G | -50.92     | 17.50621G | -47.82     | 2    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -49.16     | 2.39932G | -33.15     | 2.48694G | -50.80     | 24.8177G  | -47.46     | 3    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -47.56     | 2.39992G | -31.98     | 2.48598G | -51.64     | 16.44048G | -47.49     | 4    |

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

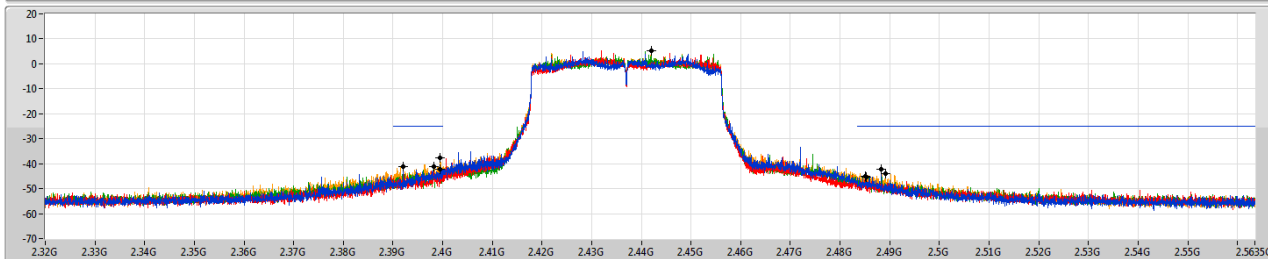
CSE NdB

2437MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

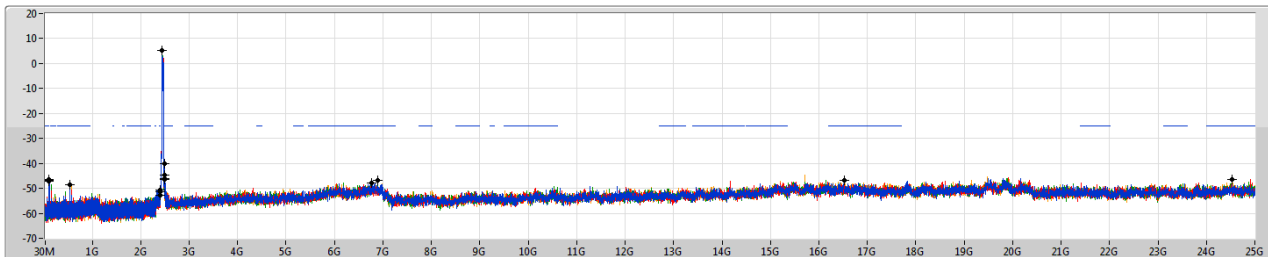
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 5.12     | -24.88     | 95.84M   | -46.65     | 2.392G   | -41.28     | 2.48826G | -42.12     | 2.411095G | -47.27     | 1    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -47.42     | 2.39824G | -41.19     | 2.48534G | -45.50     | 16.79946G | -46.95     | 2    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -47.55     | 2.39948G | -42.07     | 2.48518G | -45.11     | 16.23013G | -47.16     | 3    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -48.82     | 2.39952G | -37.68     | 2.4891G  | -44.11     | 6.07201G  | -46.00     | 4    |

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

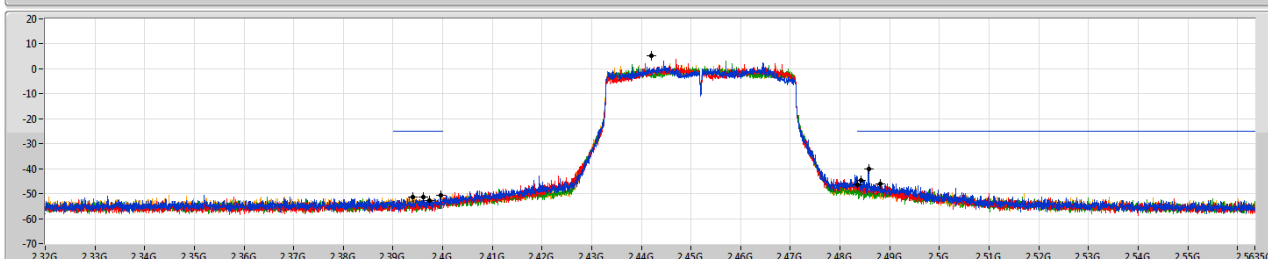
CSE NdB

2452MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 5.12     | -24.88     | 95.84M   | -46.80     | 2.39956G | -50.82     | 2.48574G | -40.12     | 6.77315G  | -47.74     | 1    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -46.27     | 2.39612G | -51.46     | 2.48426G | -44.71     | 24.52042G | -46.54     | 2    |
| 2.44196G | 5.12     | -24.88     | 95.84M   | -47.10     | 2.39728G | -52.83     | 2.48814G | -46.02     | 6.89655G  | -46.89     | 3    |
| 2.44196G | 5.12     | -24.88     | 544.11M  | -48.56     | 2.394G   | -51.52     | 2.48358G | -46.56     | 16.52181G | -46.68     | 4    |

**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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | Pass   | 2.43674G    | 10.90        | -19.10         | 95.82M       | -39.07         | 2.3999G      | -25.34         | 2.49696G     | -47.83         | 6.89518G     | -42.52         | 2    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | Pass   | 2.42597G    | 7.60         | -22.40         | 159.96M      | -39.71         | 2.39984G     | -30.28         | 2.53178G     | -47.50         | 24.51762G    | -41.31         | 4    |

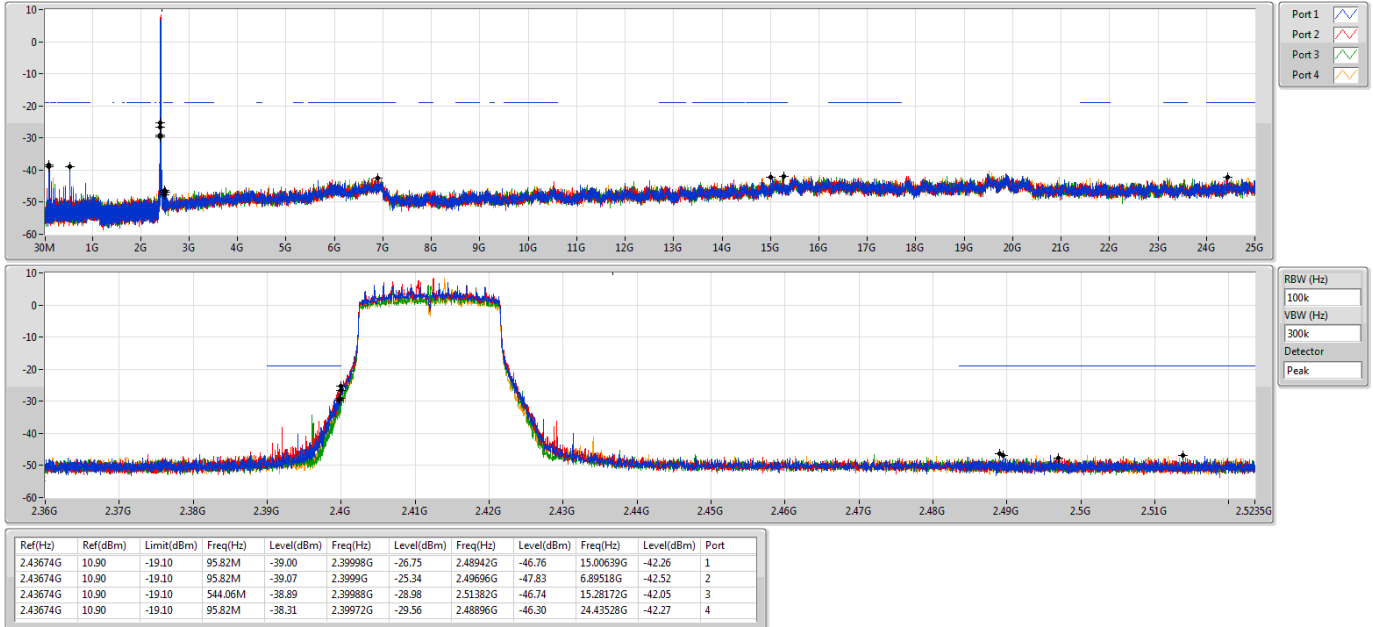
**Result**

| 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 |
|----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 95.82M       | -39.00         | 2.39998G     | -26.75         | 2.48942G     | -46.76         | 15.00639G    | -42.26         | 1    |
| 2412MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 95.82M       | -39.07         | 2.3999G      | -25.34         | 2.49696G     | -47.83         | 6.89518G     | -42.52         | 2    |
| 2412MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -38.89         | 2.39988G     | -28.98         | 2.51382G     | -46.74         | 15.28172G    | -42.05         | 3    |
| 2412MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 95.82M       | -38.31         | 2.39972G     | -29.56         | 2.48896G     | -46.30         | 24.43528G    | -42.27         | 4    |
| 2437MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -38.41         | 2.3932G      | -47.69         | 2.51228G     | -47.47         | 16.77079G    | -41.39         | 1    |
| 2437MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -38.35         | 2.39386G     | -46.46         | 2.49408G     | -46.43         | 16.72303G    | -41.58         | 2    |
| 2437MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -38.78         | 2.3959G      | -47.57         | 2.49808G     | -46.85         | 24.53923G    | -41.45         | 3    |
| 2437MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 95.82M       | -38.30         | 2.39506G     | -47.24         | 2.48676G     | -46.39         | 24.13185G    | -41.27         | 4    |
| 2462MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -39.51         | 2.39052G     | -47.52         | 2.48422G     | -40.85         | 24.50833G    | -41.42         | 1    |
| 2462MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -38.76         | 2.39828G     | -47.23         | 2.48426G     | -38.88         | 16.75674G    | -41.75         | 2    |
| 2462MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -39.00         | 2.39574G     | -47.75         | 2.48414G     | -40.75         | 24.13185G    | -41.67         | 3    |
| 2462MHz                          | Pass   | 2.43674G    | 10.90        | -19.10         | 544.06M      | -38.12         | 2.39222G     | -47.18         | 2.48416G     | -36.68         | 14.98672G    | -42.27         | 4    |
| 802.11ax HEW40-BF_Nss1(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 543.82M      | -39.53         | 2.39988G     | -33.18         | 2.51418G     | -47.03         | 16.32268G    | -42.24         | 1    |
| 2422MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 95.84M       | -38.93         | 2.39956G     | -32.04         | 2.49686G     | -47.10         | 16.8275G     | -42.24         | 2    |
| 2422MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 159.96M      | -38.91         | 2.39988G     | -33.83         | 2.4923G      | -47.05         | 17.50621G    | -42.17         | 3    |
| 2422MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 159.96M      | -39.71         | 2.39984G     | -30.28         | 2.53178G     | -47.50         | 24.51762G    | -41.31         | 4    |
| 2437MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 543.82M      | -38.97         | 2.39928G     | -40.15         | 2.48694G     | -39.72         | 6.72267G     | -42.27         | 1    |
| 2437MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 159.96M      | -39.33         | 2.39656G     | -43.81         | 2.4877G      | -45.70         | 23.21349G    | -42.26         | 2    |
| 2437MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 159.96M      | -38.17         | 2.39492G     | -40.40         | 2.48874G     | -46.58         | 6.70303G     | -42.55         | 3    |
| 2437MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 543.82M      | -38.89         | 2.399G       | -32.71         | 2.48538G     | -45.26         | 17.41646G    | -41.39         | 4    |
| 2452MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 544.11M      | -39.19         | 2.39448G     | -47.81         | 2.48754G     | -41.99         | 15.27658G    | -42.09         | 1    |
| 2452MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 159.96M      | -37.90         | 2.39084G     | -48.31         | 2.4889G      | -44.51         | 15.16159G    | -41.77         | 2    |
| 2452MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 543.82M      | -40.10         | 2.39924G     | -45.76         | 2.48926G     | -40.57         | 15.21769G    | -41.51         | 3    |
| 2452MHz                          | Pass   | 2.42597G    | 7.60         | -22.40         | 543.82M      | -38.97         | 2.39376G     | -48.15         | 2.4879G      | -37.43         | 6.96947G     | -41.65         | 4    |

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

CSE NdB

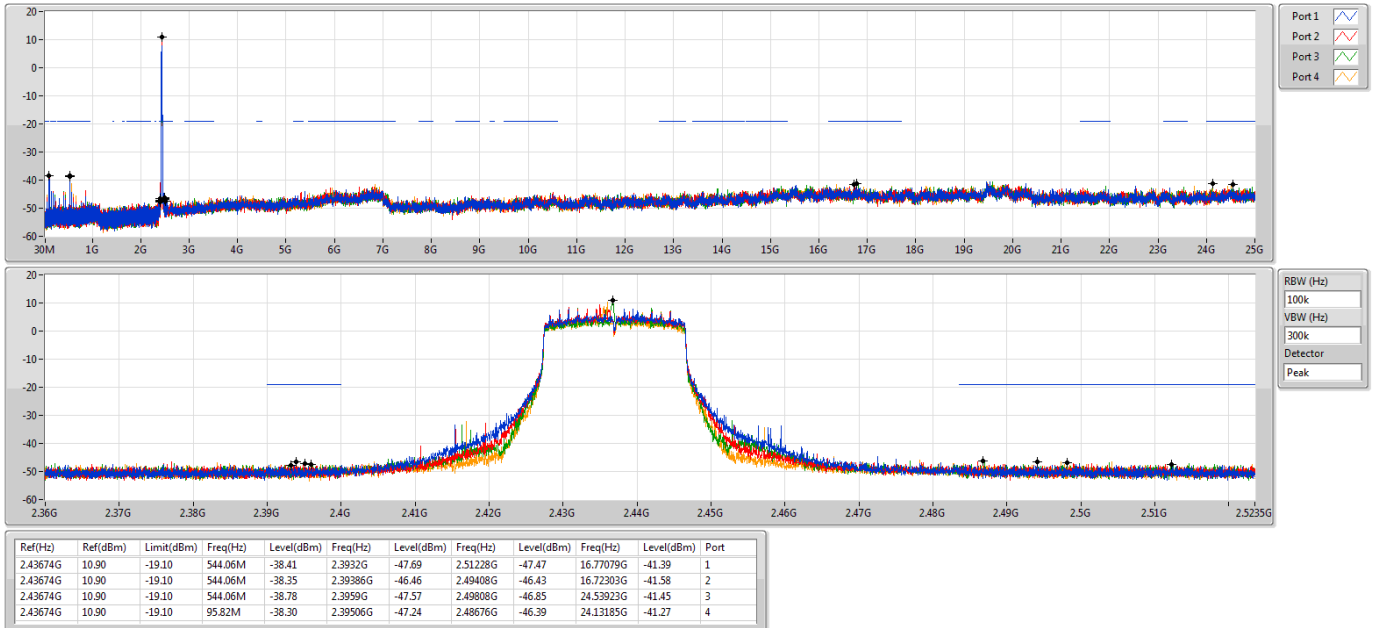
2412MHz



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

CSE NdB

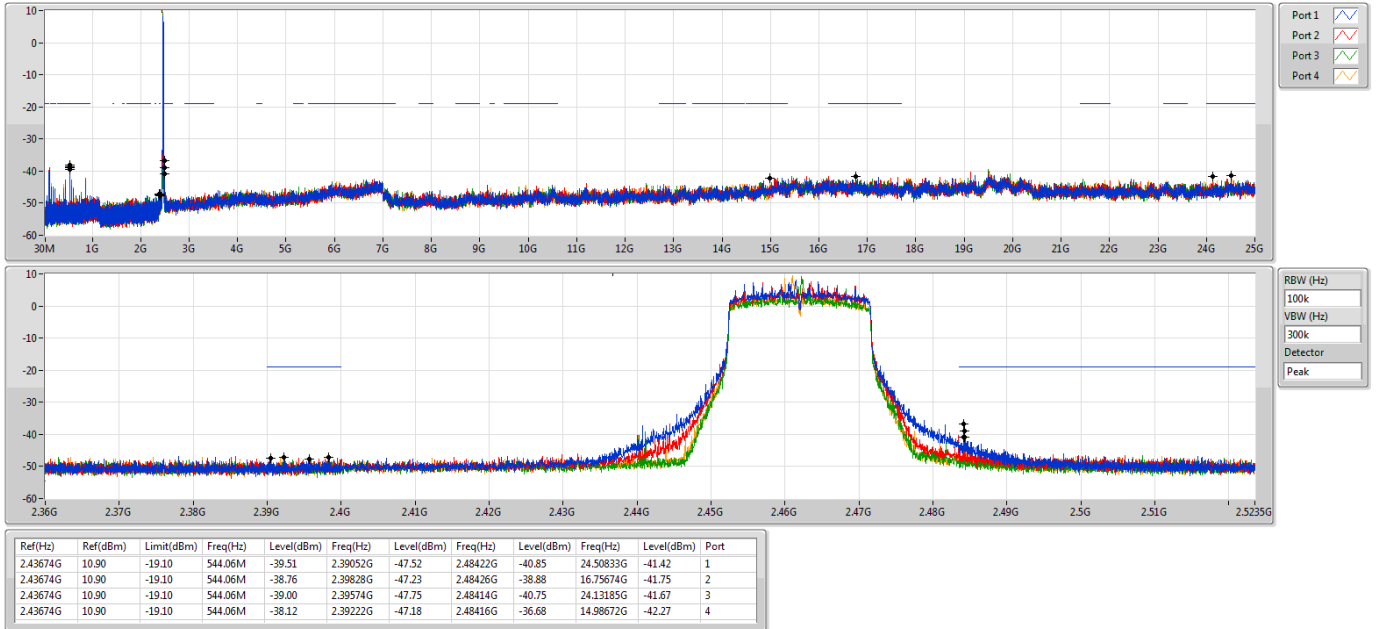
2437MHz



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

CSE NdB

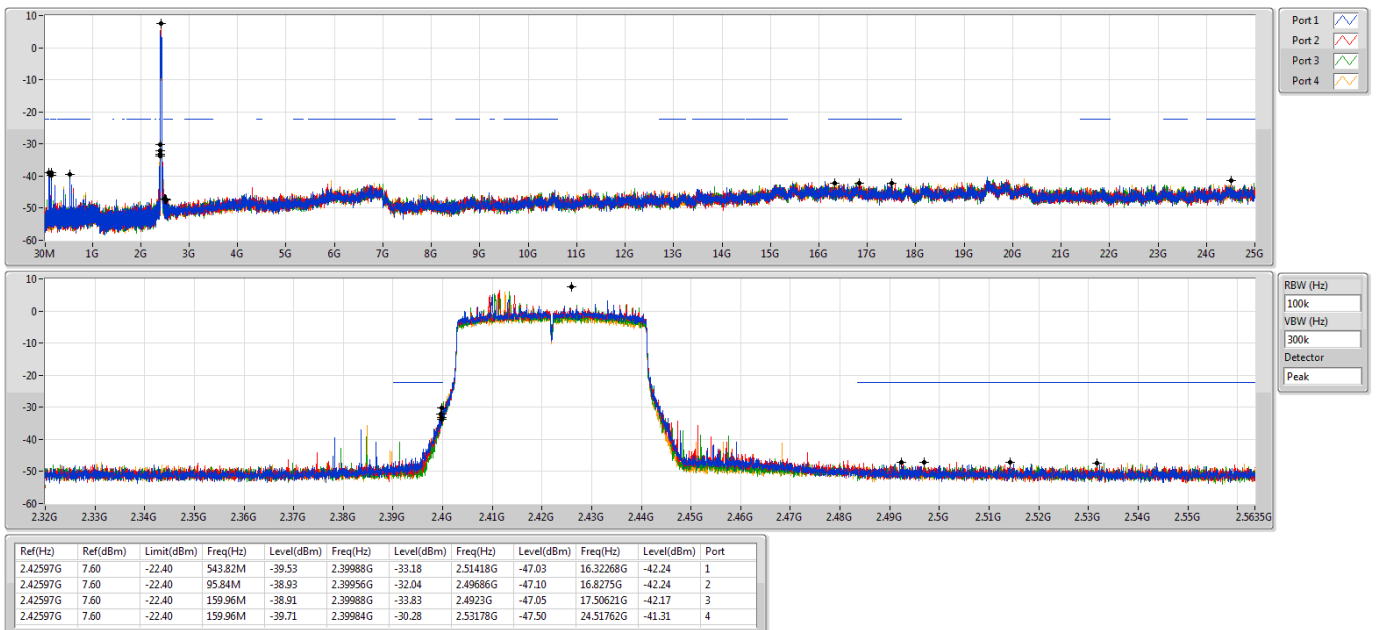
2462MHz



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

CSE NdB

2422MHz

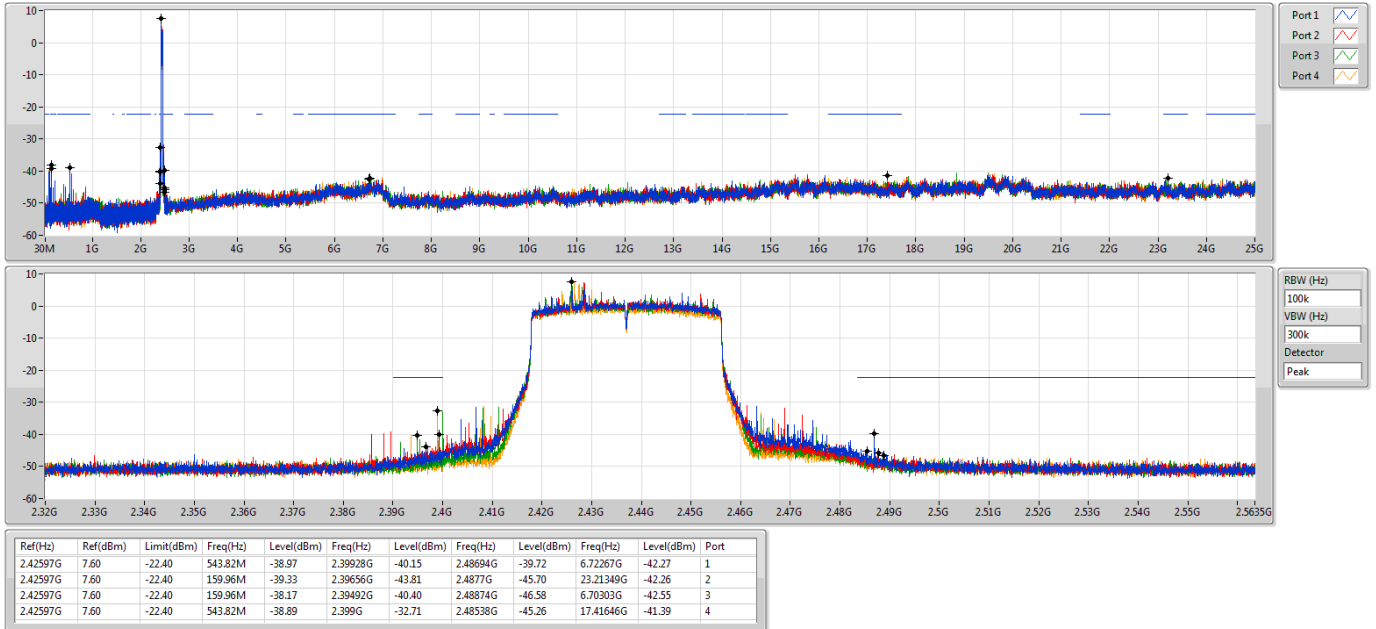


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

2437MHz

CSE NdB

19/07/2019

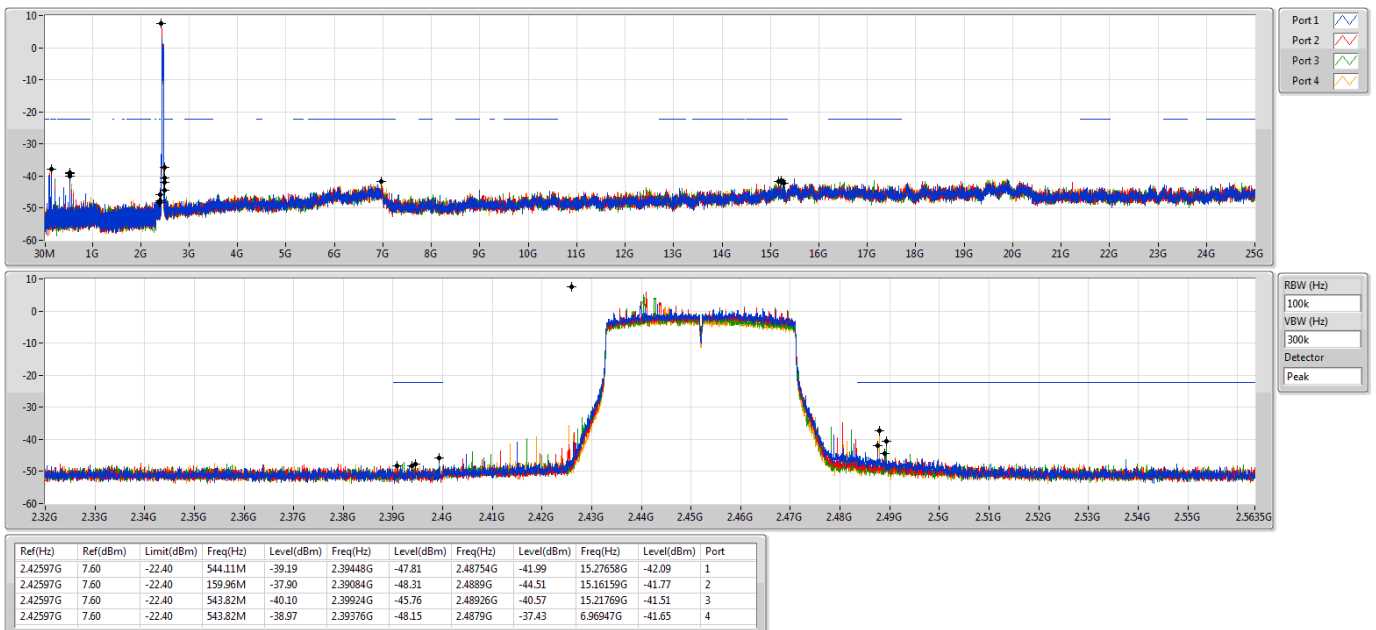


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

2452MHz

CSE NdB

19/07/2019



**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_1TX       | Pass   | 2.43599G    | 15.02        | -14.98         | 159.9M       | -47.36         | 2.39898G     | -24.21         | 2.48536G     | -51.90         | 9.64855G     | -44.54         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | Pass   | 2.44196G    | 12.40        | -17.60         | 159.9M       | -47.27         | 2.39976G     | -23.50         | 2.49936G     | -51.84         | 16.40274G    | -46.28         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | Pass   | 2.43198G    | 11.46        | -18.54         | 95.82M       | -47.52         | 2.39994G     | -22.01         | 2.5104G      | -51.23         | 17.18661G    | -47.24         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | Pass   | 2.42572G    | 4.42         | -25.58         | 95.84M       | -47.19         | 2.39976G     | -26.45         | 2.4845G      | -49.27         | 15.11672G    | -46.84         | 1    |

**Result**

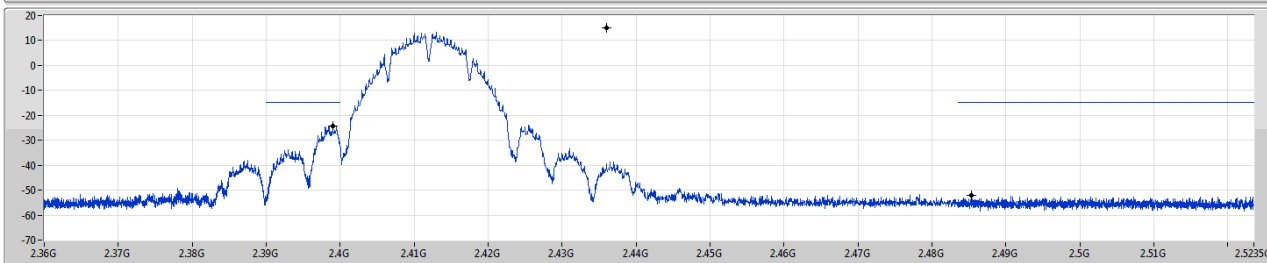
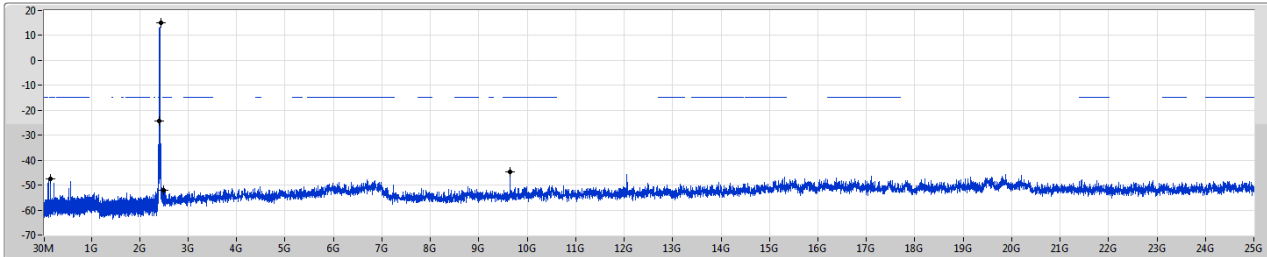
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43599G    | 15.02        | -14.98         | 159.9M       | -47.36         | 2.39898G     | -24.21         | 2.48536G     | -51.90         | 9.64855G     | -44.54         | 1    |
| 2437MHz                        | Pass   | 2.43599G    | 15.02        | -14.98         | 575.8M       | -48.76         | 2.399G       | -32.97         | 2.48396G     | -44.25         | 9.74689G     | -33.10         | 1    |
| 2462MHz                        | Pass   | 2.43599G    | 15.02        | -14.98         | 95.82M       | -46.44         | 2.395G       | -51.69         | 2.48652G     | -46.54         | 16.53479G    | -46.86         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 12.40        | -17.60         | 159.9M       | -47.27         | 2.39976G     | -23.50         | 2.49936G     | -51.84         | 16.40274G    | -46.28         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 12.40        | -17.60         | 159.9M       | -48.88         | 2.39828G     | -33.05         | 2.48382G     | -39.95         | 16.88879G    | -47.44         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 12.40        | -17.60         | 159.9M       | -47.87         | 2.3978G      | -51.57         | 2.48352G     | -40.84         | 17.49566G    | -47.50         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43198G    | 11.46        | -18.54         | 95.82M       | -47.52         | 2.39994G     | -22.01         | 2.5104G      | -51.23         | 17.18661G    | -47.24         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 11.46        | -18.54         | 95.82M       | -47.73         | 2.39934G     | -34.68         | 2.4837G      | -43.42         | 24.39032G    | -46.51         | 1    |
| 2462MHz                        | Pass   | 2.43198G    | 11.46        | -18.54         | 159.9M       | -48.10         | 2.39996G     | -51.13         | 2.4837G      | -41.48         | 16.37183G    | -46.66         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.42572G    | 4.42         | -25.58         | 95.84M       | -47.19         | 2.39976G     | -26.45         | 2.4845G      | -49.27         | 15.11672G    | -46.84         | 1    |
| 2437MHz                        | Pass   | 2.42572G    | 4.42         | -25.58         | 95.84M       | -47.22         | 2.3994G      | -35.22         | 2.4857G      | -36.89         | 6.76473G     | -46.51         | 1    |
| 2452MHz                        | Pass   | 2.42572G    | 4.42         | -25.58         | 95.84M       | -47.80         | 2.39576G     | -47.07         | 2.48942G     | -39.34         | 24.82892G    | -47.47         | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2412MHz

CSE NdB

19/07/2019



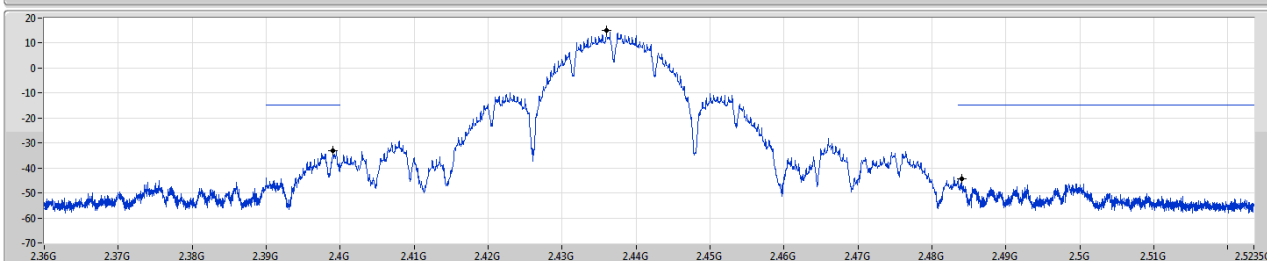
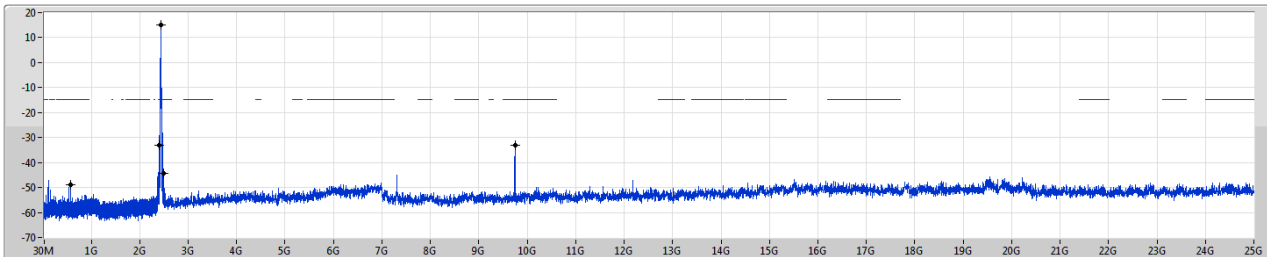
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 243599G | 15.02    | -14.98     | 159.9M   | -47.36     | 2.39898G | -24.21     | 2.48536G | -51.90     | 9.64855G | -44.54     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2437MHz

CSE NdB

19/07/2019



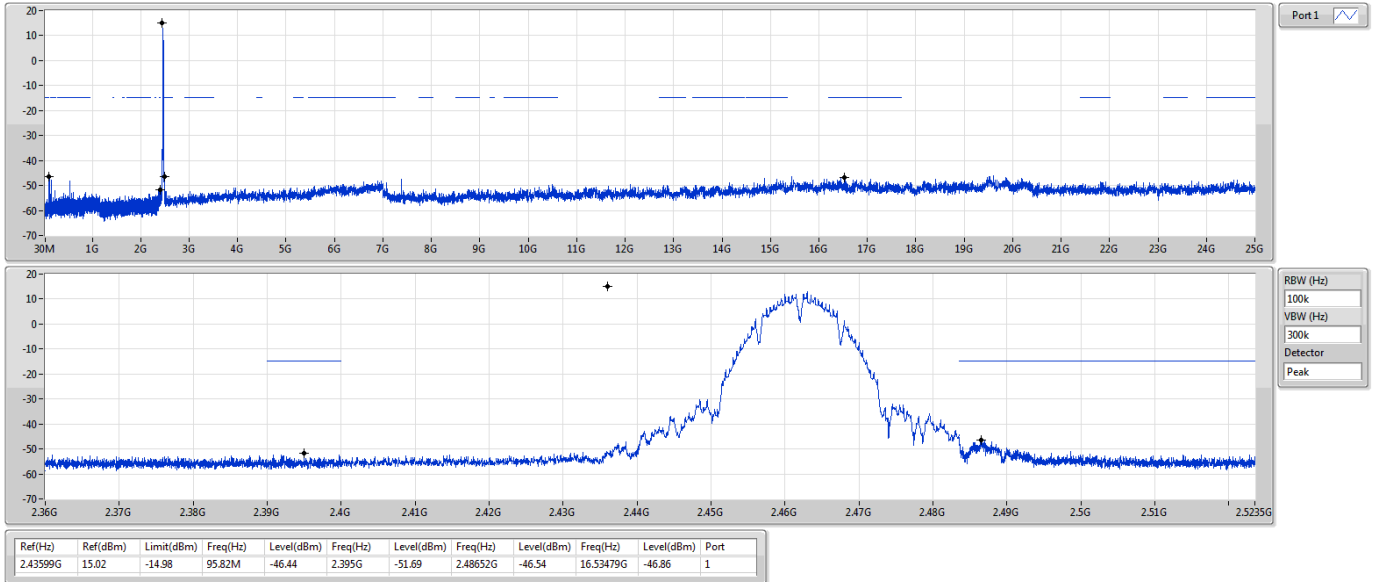
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 243599G | 15.02    | -14.98     | 575.8M   | -48.76     | 2.399G   | -32.97     | 2.48396G | -44.25     | 9.74689G | -33.10     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2462MHz

CSE NdB

19/07/2019

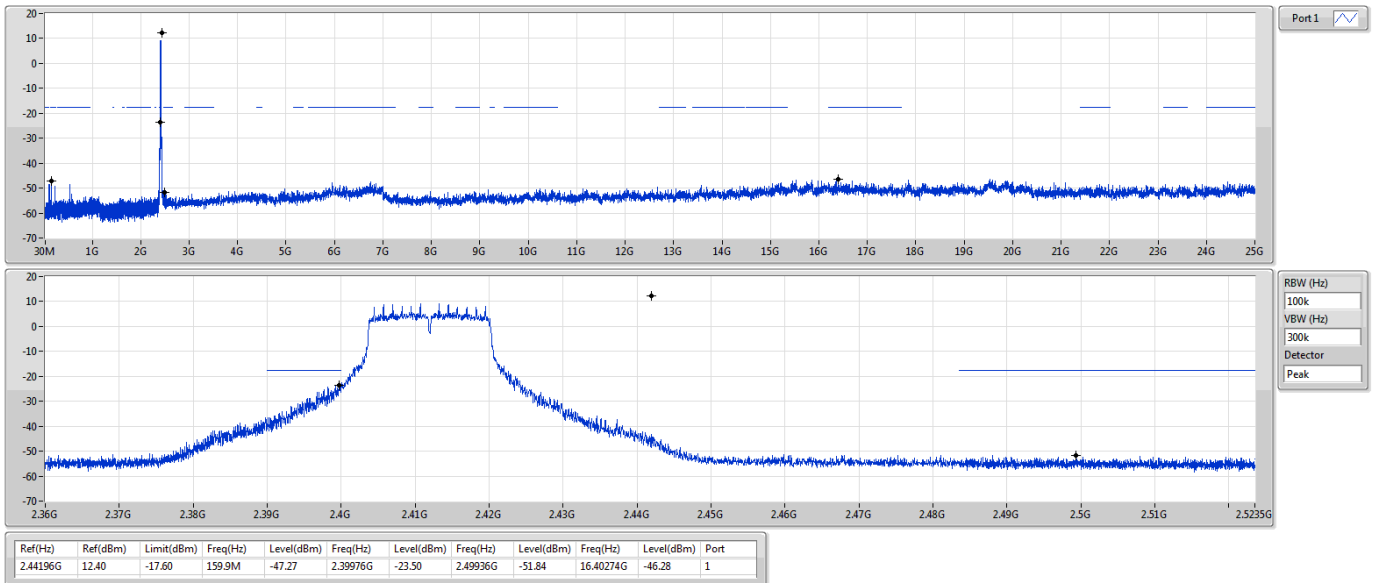


## 802.11g\_Nss1,(6Mbps)\_1TX

2412MHz

CSE NdB

19/07/2019



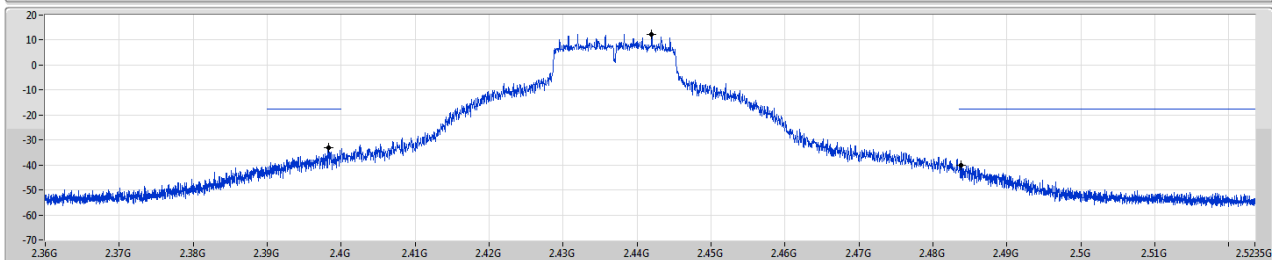
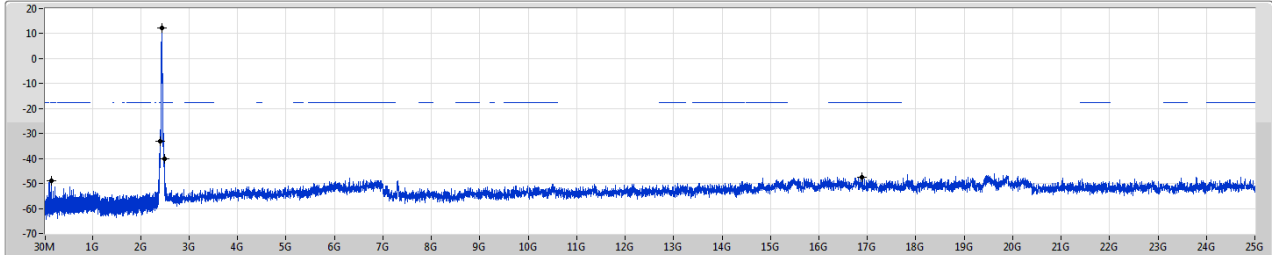
## 802.11g\_Nss1,(6Mbps)\_1TX

2437MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.40    | -17.60     | 159.9M   | -48.88     | 2.39828G | -33.05     | 2.48382G | -39.95     | 16.88879G | -47.44     | 1    |

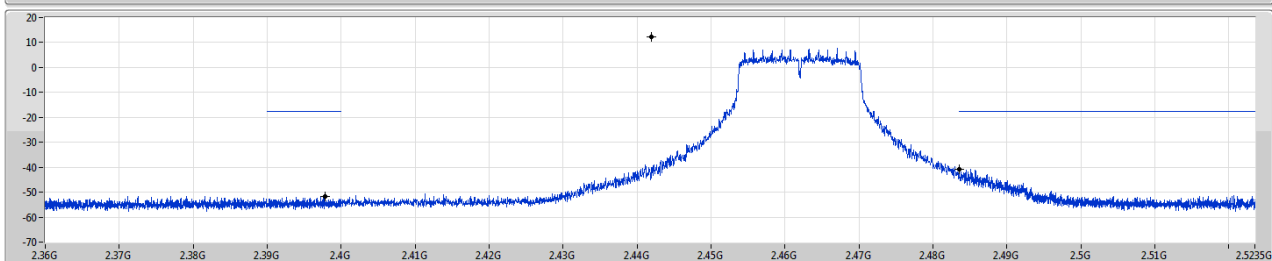
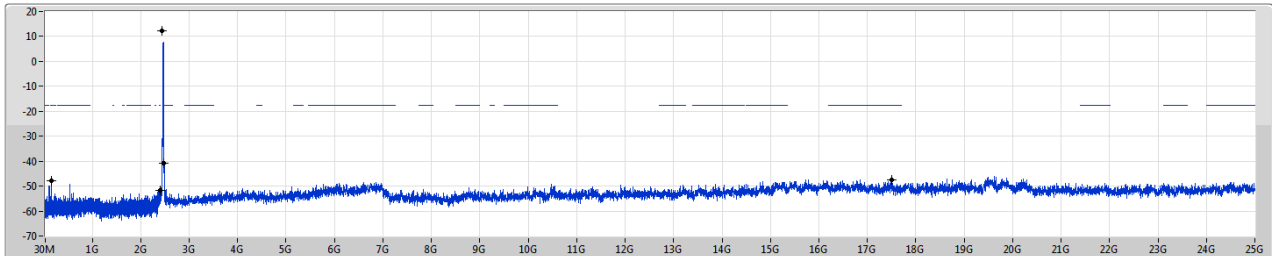
## 802.11g\_Nss1,(6Mbps)\_1TX

2462MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.40    | -17.60     | 159.9M   | -47.87     | 2.3978G  | -51.57     | 2.48352G | -40.84     | 17.49566G | -47.50     | 1    |

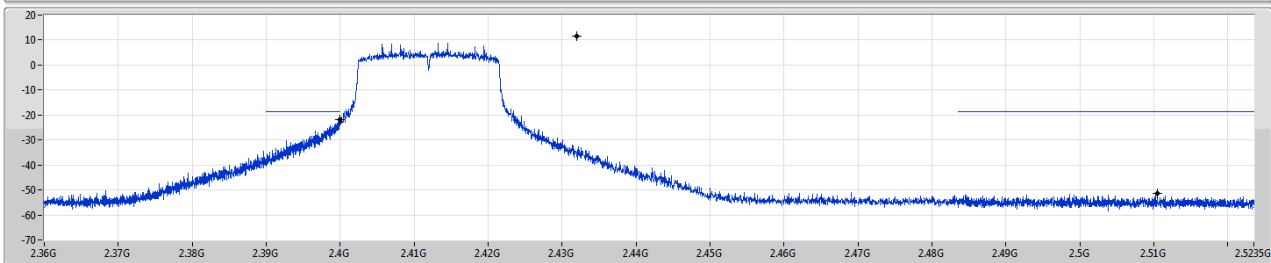
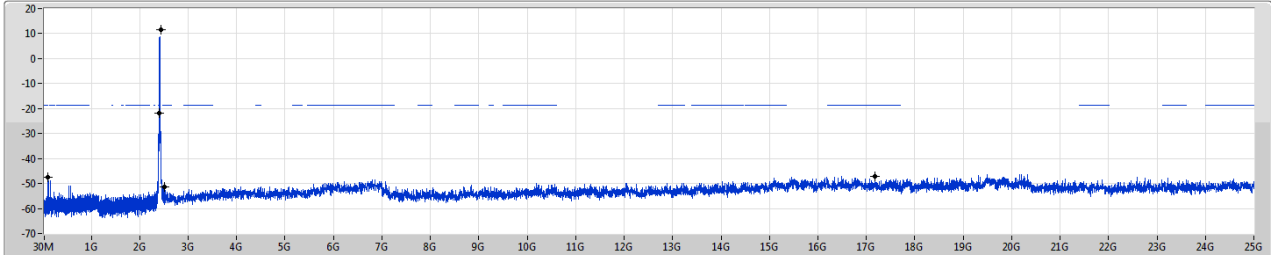
802.11ax HEW20\_Nss1,(MCS0)\_1TX

2412MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 11.46    | -18.54     | 95.82M   | -47.52     | 2.39994G | -22.01     | 2.5104G  | -51.23     | 17.18661G | -47.24     | 1    |

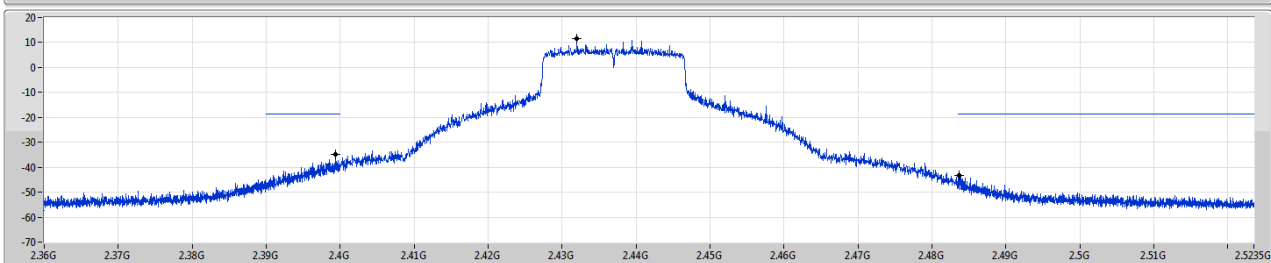
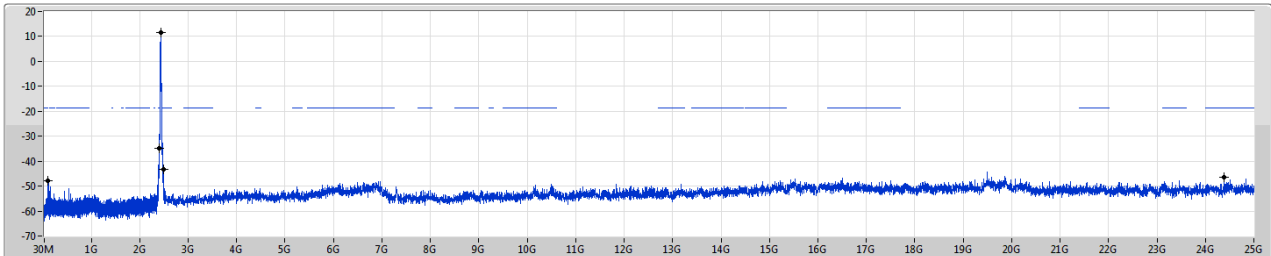
802.11ax HEW20\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 11.46    | -18.54     | 95.82M   | -47.73     | 2.39994G | -34.68     | 2.4837G  | -43.42     | 24.39032G | -46.51     | 1    |

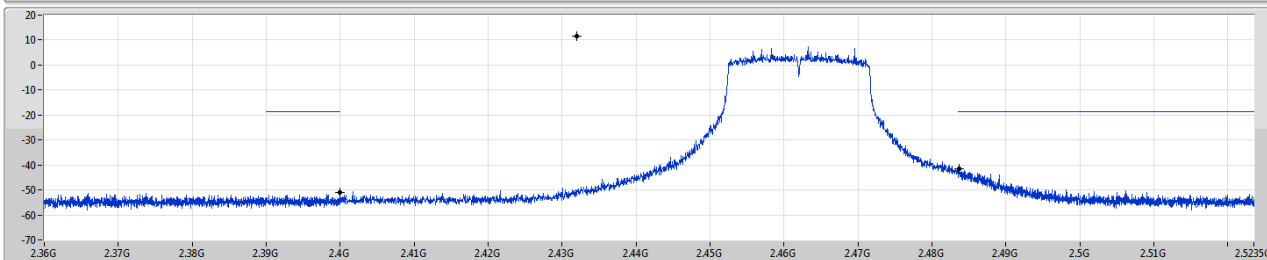
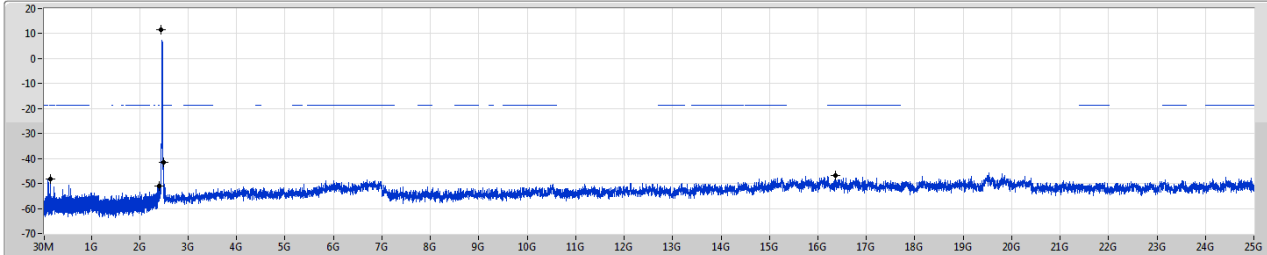
## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

2462MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 11.46    | -18.54     | 159.9M   | -48.10     | 2.39996G | -51.13     | 2.4837G  | -41.48     | 16.37183G | -46.66     | 1    |

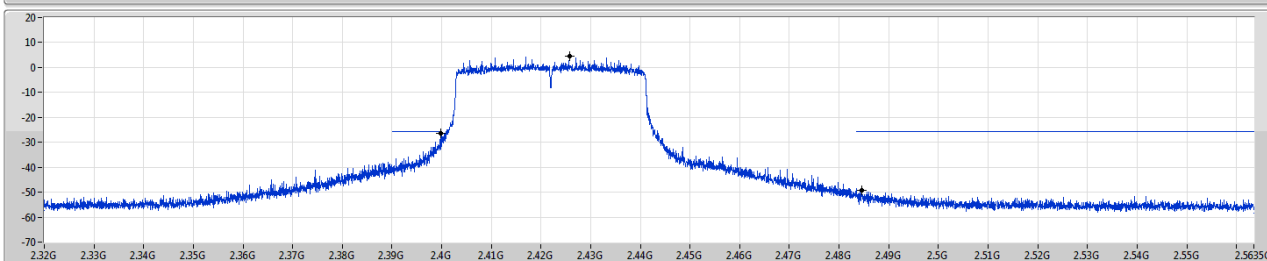
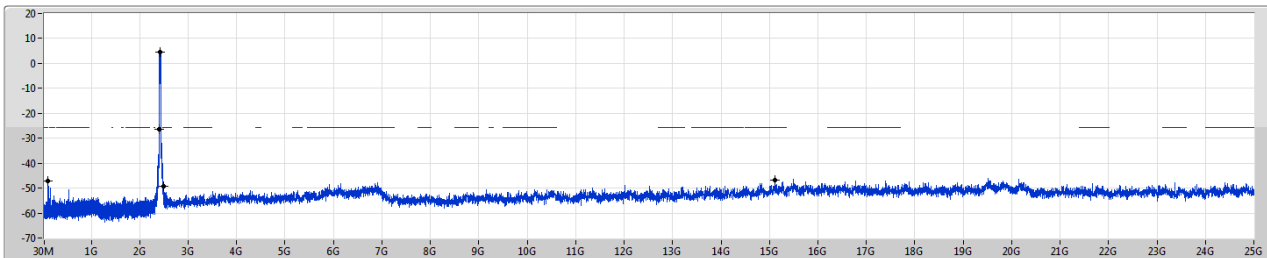
## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

2422MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42572G | 4.42     | -25.58     | 95.84M   | -47.19     | 2.39976G | -26.45     | 2.4845G  | -49.27     | 15.11672G | -46.84     | 1    |

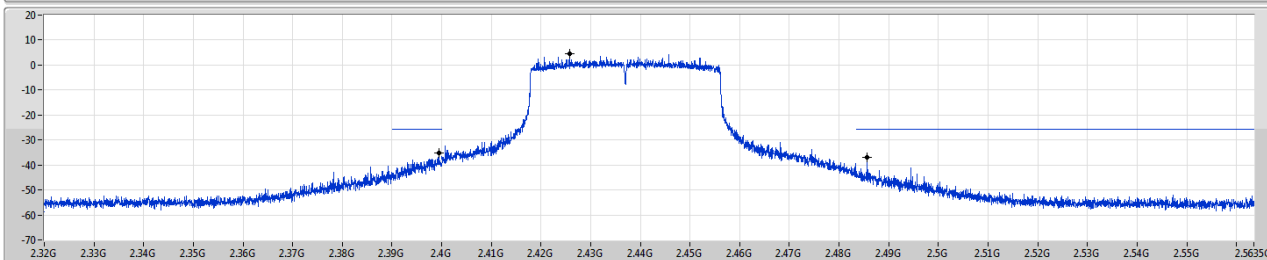
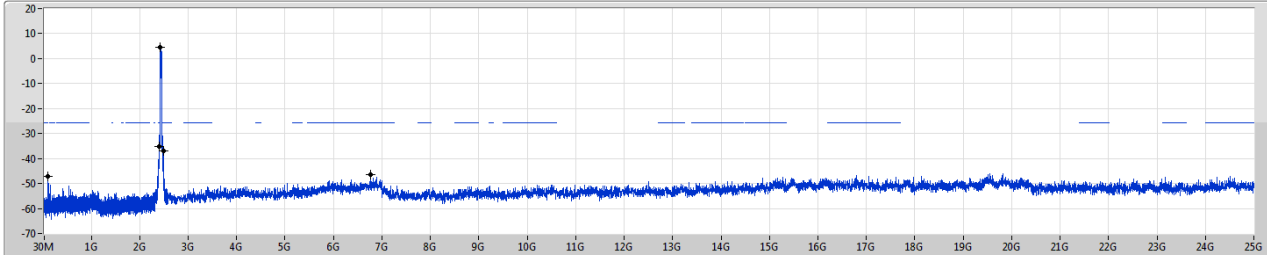
## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.42572G | 4.42     | -25.58     | 95.84M   | -47.22     | 2.3994G  | -35.22     | 2.4857G  | -36.89     | 6.76473G | -46.51     | 1    |

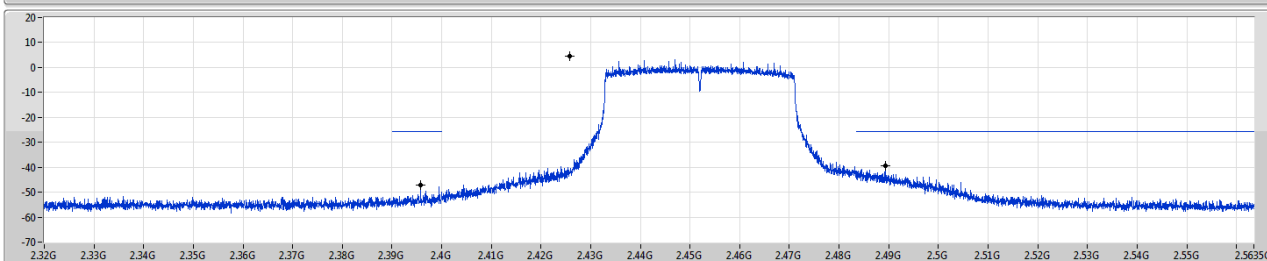
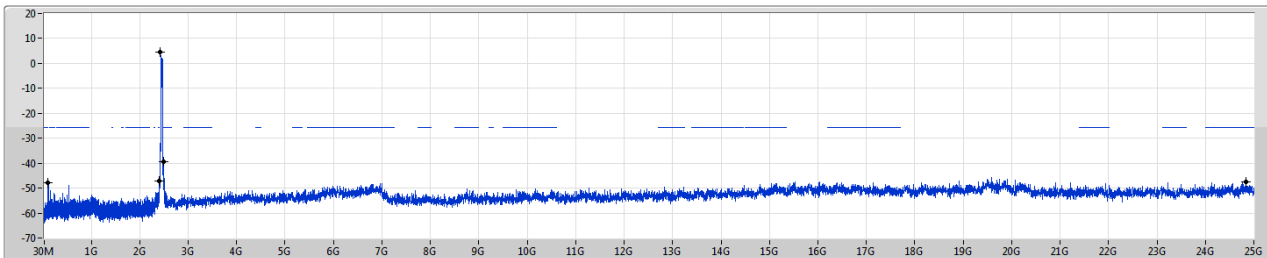
## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

2452MHz

CSE NdB

19/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42572G | 4.42     | -25.58     | 95.84M   | -47.80     | 2.39576G | -47.07     | 2.48942G | -39.34     | 24.82892G | -47.47     | 1    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_2TX       | Pass   | 2.43799G    | 15.20        | -14.80         | 95.82M       | -48.26         | 2.3995G      | -34.21         | 2.48398G     | -45.24         | 9.74689G     | -26.33         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | Pass   | 2.442G      | 12.91        | -17.09         | 95.82M       | -47.10         | 2.39982G     | -25.22         | 2.50032G     | -49.91         | 24.52237G    | -47.18         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | 2.43194G    | 11.91        | -18.09         | 544.06M      | -46.62         | 2.39976G     | -23.90         | 2.48378G     | -50.68         | 16.42802G    | -46.75         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | 2.43198G    | 4.99         | -25.01         | 95.84M       | -48.08         | 2.39992G     | -28.64         | 2.48982G     | -50.94         | 16.42926G    | -47.35         | 2    |

**Result**

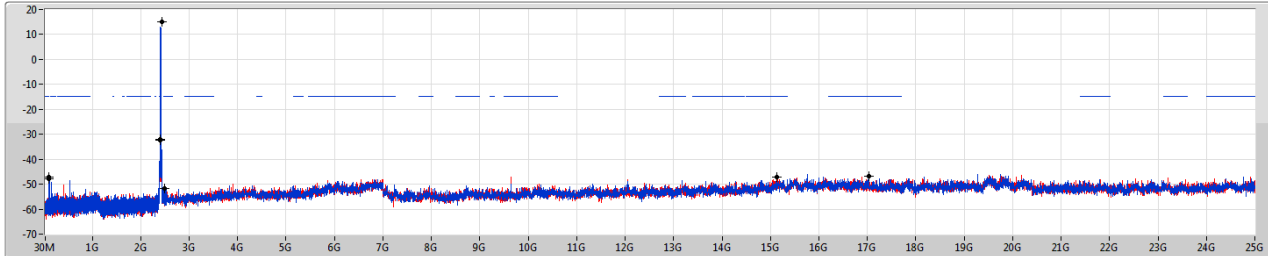
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43799G    | 15.20        | -14.80         | 95.82M       | -47.89         | 2.3995G      | -31.90         | 2.49334G     | -51.66         | 15.13282G    | -47.20         | 1    |
| 2412MHz                        | Pass   | 2.43799G    | 15.20        | -14.80         | 95.82M       | -47.04         | 2.3985G      | -32.42         | 2.4934G      | -51.84         | 17.03489G    | -46.75         | 2    |
| 2437MHz                        | Pass   | 2.43799G    | 15.20        | -14.80         | 544.06M      | -48.48         | 2.3995G      | -32.41         | 2.48444G     | -44.14         | 9.74689G     | -33.62         | 1    |
| 2437MHz                        | Pass   | 2.43799G    | 15.20        | -14.80         | 95.82M       | -48.26         | 2.3995G      | -34.21         | 2.48398G     | -45.24         | 9.74689G     | -26.33         | 2    |
| 2462MHz                        | Pass   | 2.43799G    | 15.20        | -14.80         | 543.77M      | -49.39         | 2.3939G      | -52.48         | 2.48696G     | -47.23         | 24.72185G    | -46.81         | 1    |
| 2462MHz                        | Pass   | 2.43799G    | 15.20        | -14.80         | 544.06M      | -49.49         | 2.39952G     | -51.96         | 2.48896G     | -48.23         | 6.86427G     | -47.92         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.442G      | 12.91        | -17.09         | 544.06M      | -47.60         | 2.39986G     | -26.29         | 2.50756G     | -50.73         | 6.86708G     | -47.18         | 1    |
| 2412MHz                        | Pass   | 2.442G      | 12.91        | -17.09         | 95.82M       | -47.10         | 2.39982G     | -25.22         | 2.50032G     | -49.91         | 24.52237G    | -47.18         | 2    |
| 2437MHz                        | Pass   | 2.442G      | 12.91        | -17.09         | 544.06M      | -47.07         | 2.3976G      | -35.97         | 2.48358G     | -40.68         | 24.54204G    | -46.95         | 1    |
| 2437MHz                        | Pass   | 2.442G      | 12.91        | -17.09         | 95.82M       | -46.52         | 2.39824G     | -36.04         | 2.4845G      | -42.69         | 9.74408G     | -44.49         | 2    |
| 2462MHz                        | Pass   | 2.442G      | 12.91        | -17.09         | 95.82M       | -47.92         | 2.39358G     | -51.37         | 2.48386G     | -42.13         | 14.79848G    | -46.46         | 1    |
| 2462MHz                        | Pass   | 2.442G      | 12.91        | -17.09         | 95.82M       | -45.69         | 2.39546G     | -51.50         | 2.48392G     | -44.34         | 17.47037G    | -47.12         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43194G    | 11.91        | -18.09         | 95.82M       | -46.87         | 2.39982G     | -23.91         | 2.5191G      | -51.14         | 13.57351G    | -47.26         | 1    |
| 2412MHz                        | Pass   | 2.43194G    | 11.91        | -18.09         | 544.06M      | -46.62         | 2.39976G     | -23.90         | 2.48378G     | -50.68         | 16.42802G    | -46.75         | 2    |
| 2437MHz                        | Pass   | 2.43194G    | 11.91        | -18.09         | 95.82M       | -46.41         | 2.3987G      | -34.29         | 2.48484G     | -44.04         | 16.84384G    | -46.99         | 1    |
| 2437MHz                        | Pass   | 2.43194G    | 11.91        | -18.09         | 95.82M       | -47.54         | 2.39932G     | -37.09         | 2.48414G     | -44.45         | 9.74969G     | -46.92         | 2    |
| 2462MHz                        | Pass   | 2.43194G    | 11.91        | -18.09         | 95.82M       | -46.09         | 2.39614G     | -51.69         | 2.48408G     | -44.03         | 17.4198G     | -47.37         | 1    |
| 2462MHz                        | Pass   | 2.43194G    | 11.91        | -18.09         | 95.82M       | -46.09         | 2.39616G     | -52.03         | 2.48408G     | -45.15         | 15.14405G    | -47.29         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.43198G    | 4.99         | -25.01         | 95.84M       | -47.44         | 2.3996G      | -28.71         | 2.48362G     | -50.42         | 16.57229G    | -46.80         | 1    |
| 2422MHz                        | Pass   | 2.43198G    | 4.99         | -25.01         | 95.84M       | -48.08         | 2.39992G     | -28.64         | 2.48982G     | -50.94         | 16.42926G    | -47.35         | 2    |
| 2437MHz                        | Pass   | 2.43198G    | 4.99         | -25.01         | 95.84M       | -47.68         | 2.39952G     | -36.40         | 2.48454G     | -40.39         | 17.47536G    | -47.21         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 4.99         | -25.01         | 95.84M       | -47.96         | 2.39948G     | -37.28         | 2.48578G     | -41.82         | 16.84714G    | -46.77         | 2    |
| 2452MHz                        | Pass   | 2.43198G    | 4.99         | -25.01         | 544.11M      | -47.57         | 2.39828G     | -49.58         | 2.48946G     | -38.36         | 24.87099G    | -47.33         | 1    |
| 2452MHz                        | Pass   | 2.43198G    | 4.99         | -25.01         | 95.84M       | -47.14         | 2.39796G     | -51.80         | 2.48946G     | -40.77         | 17.10796G    | -46.84         | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

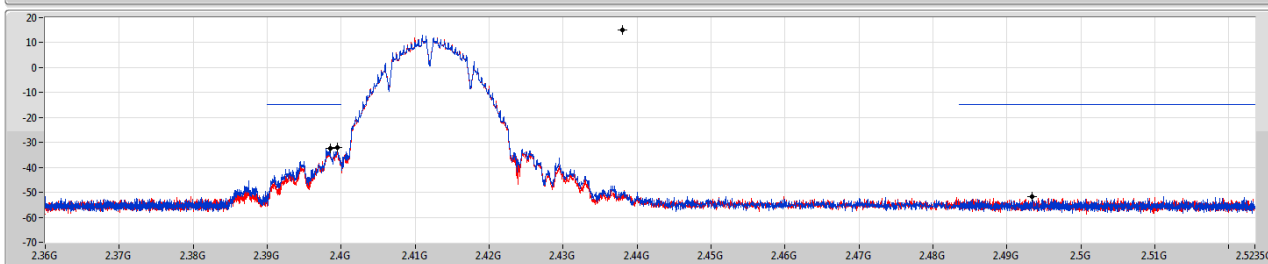
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

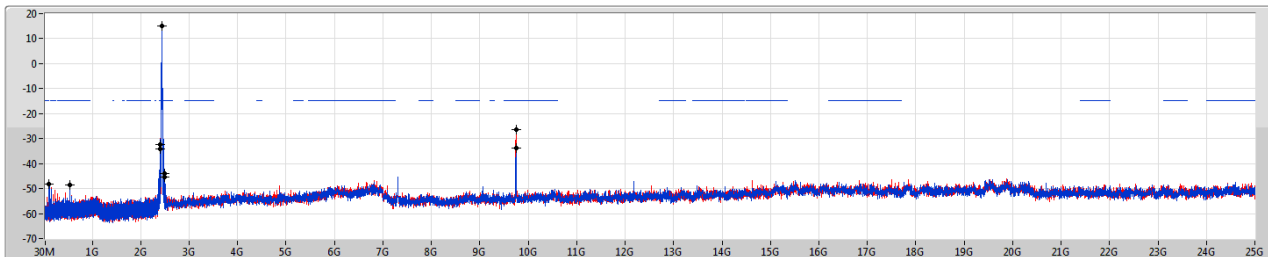
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243799G | 15.20    | -14.80     | 95.82M   | -47.89     | 2.3995G  | -31.90     | 2.49334G | -51.66     | 15.13282G | -47.20     | 1    |
| 243799G | 15.20    | -14.80     | 95.82M   | -47.04     | 2.3985G  | -32.42     | 2.4934G  | -51.84     | 17.03489G | -46.75     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

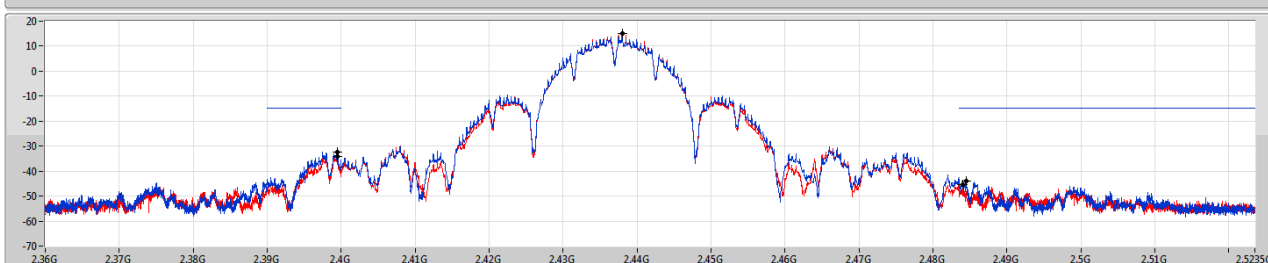
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

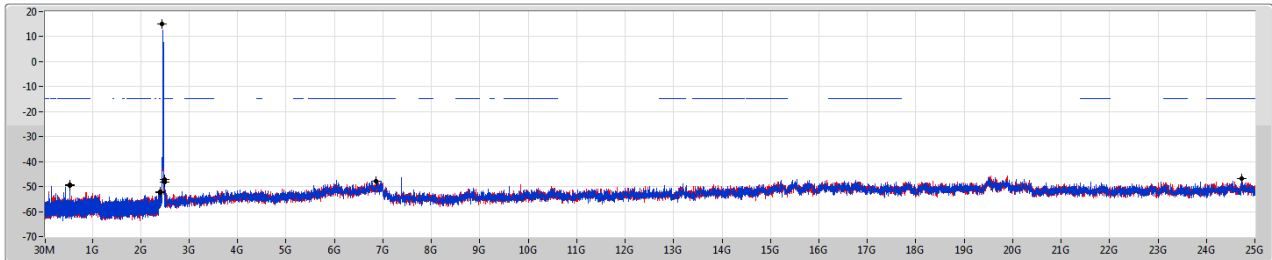
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 243799G | 15.20    | -14.80     | 544.06M  | -48.48     | 2.3995G  | -32.41     | 2.48444G | -44.14     | 9.74689G | -33.62     | 1    |
| 243799G | 15.20    | -14.80     | 95.82M   | -48.26     | 2.3995G  | -34.21     | 2.48398G | -45.24     | 9.74689G | -26.33     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

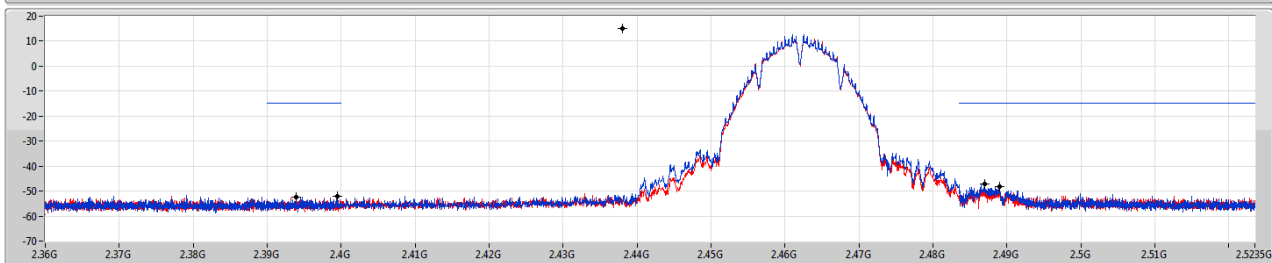
2462MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

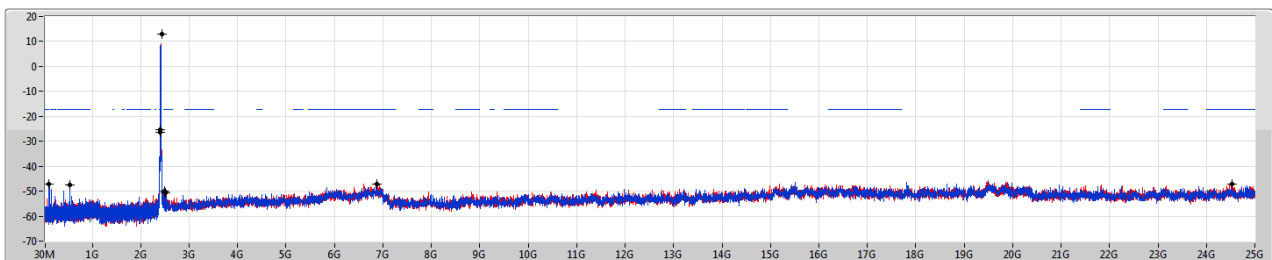
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43799G | 15.20    | -14.80     | 543.77M  | -49.39     | 2.3939G  | -52.48     | 2.48696G | -47.23     | 2.472185G | -46.81     | 1    |
| 2.43799G | 15.20    | -14.80     | 544.06M  | -49.49     | 2.39952G | -51.96     | 2.48896G | -48.23     | 6.86427G  | -47.92     | 2    |

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

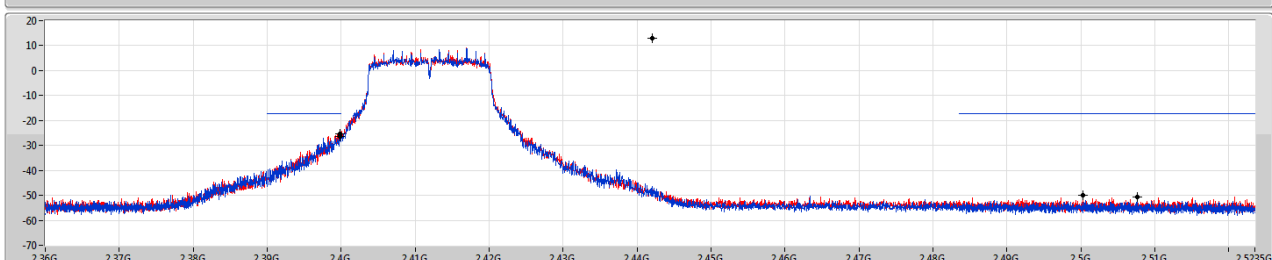
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

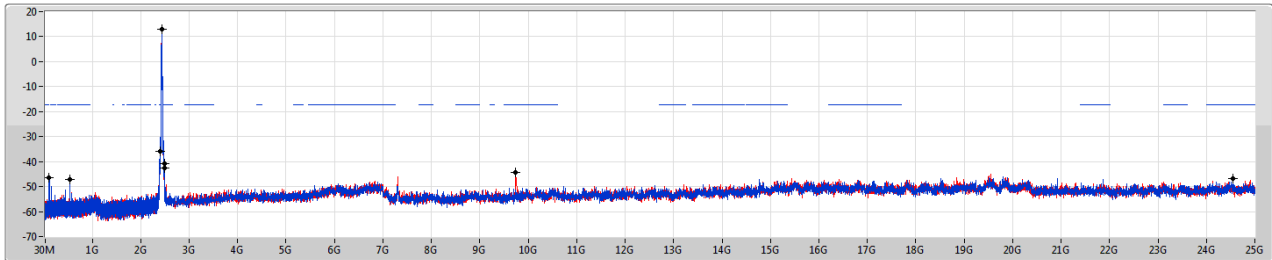
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.442G  | 12.91    | -17.09     | 544.06M  | -47.60     | 2.39986G | -26.29     | 2.50756G | -50.73     | 6.86708G  | -47.18     | 1    |
| 2.442G  | 12.91    | -17.09     | 95.82M   | -47.10     | 2.39982G | -25.22     | 2.50032G | -49.91     | 24.52237G | -47.18     | 2    |

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

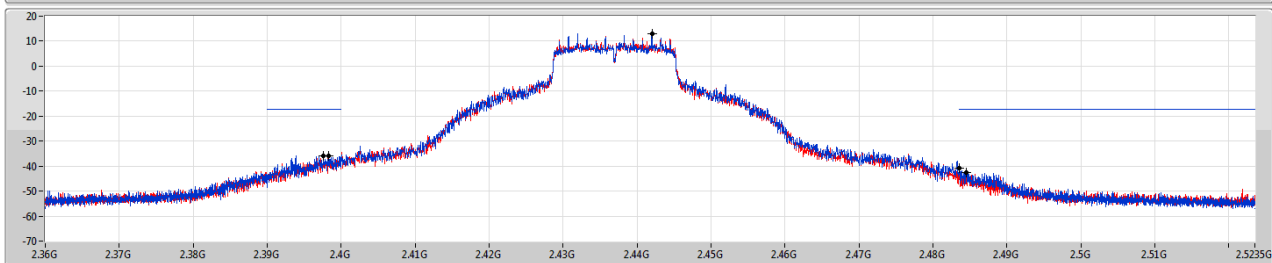
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

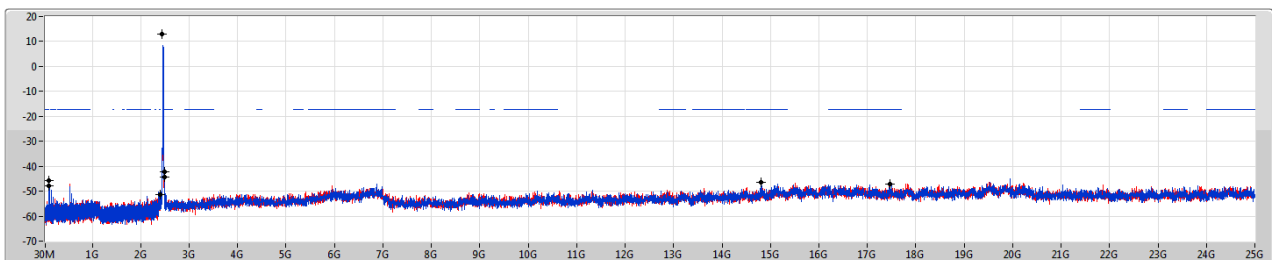
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2442G   | 12.91    | -17.09     | 544.06M  | -47.07     | 2.3976G  | -35.97     | 2.48358G | -40.68     | 24.54204G | -46.95     | 1    |
| 2442G   | 12.91    | -17.09     | 95.82M   | -46.52     | 2.39824G | -36.04     | 2.4845G  | -42.69     | 9.74408G  | -44.49     | 2    |

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

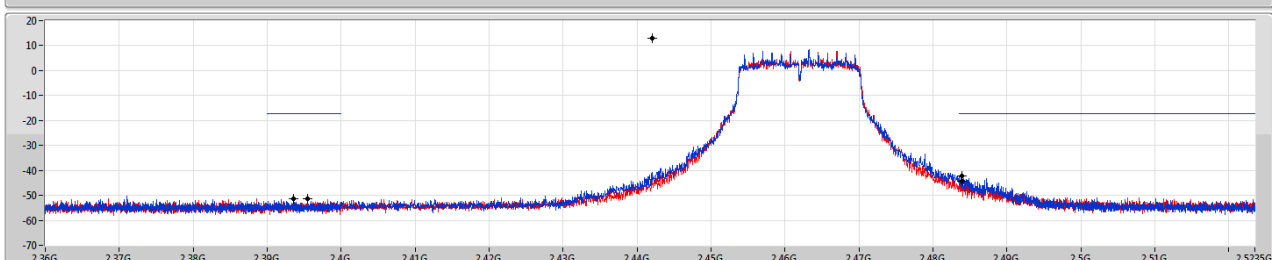
2462MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

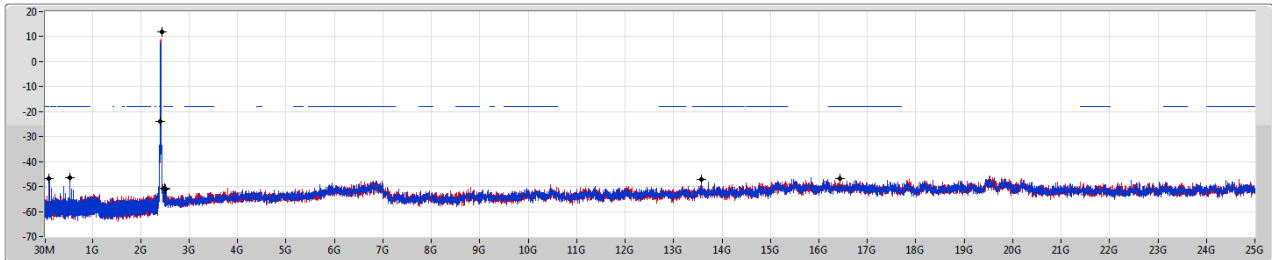
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2442G   | 12.91    | -17.09     | 95.82M   | -47.92     | 2.39358G | -51.37     | 2.48386G | -42.13     | 14.79848G | -46.46     | 1    |
| 2442G   | 12.91    | -17.09     | 95.82M   | -45.69     | 2.39546G | -51.50     | 2.48392G | -44.34     | 17.47037G | -47.12     | 2    |

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

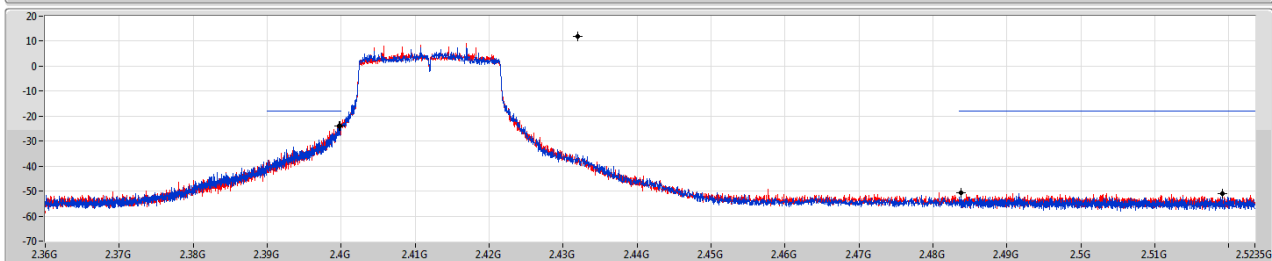
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

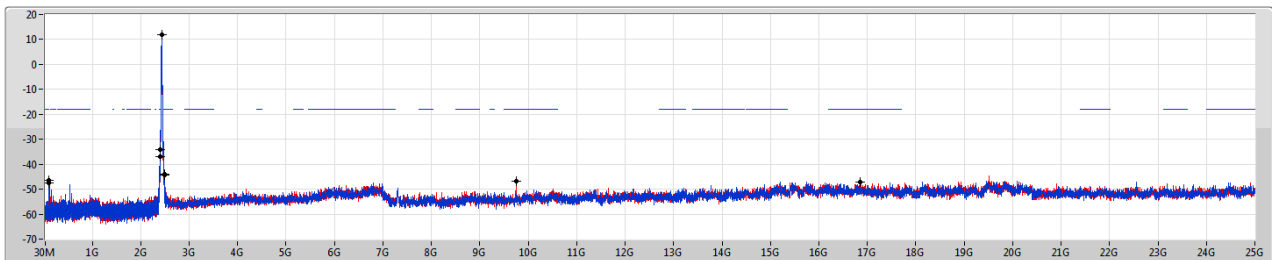
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243194G | 11.91    | -18.09     | 95.82M   | -46.87     | 2.39982G | -23.91     | 2.5191G  | -51.14     | 13.57351G | -47.26     | 1    |
| 243194G | 11.91    | -18.09     | 544.06M  | -46.62     | 2.39976G | -23.90     | 2.48378G | -50.68     | 16.42802G | -46.75     | 2    |

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

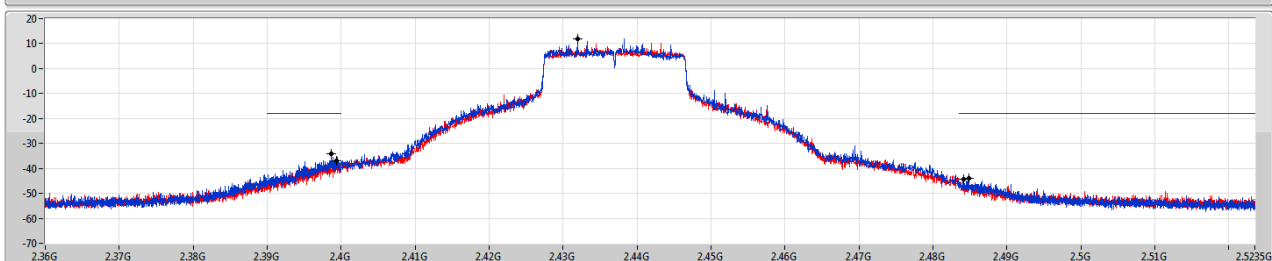
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

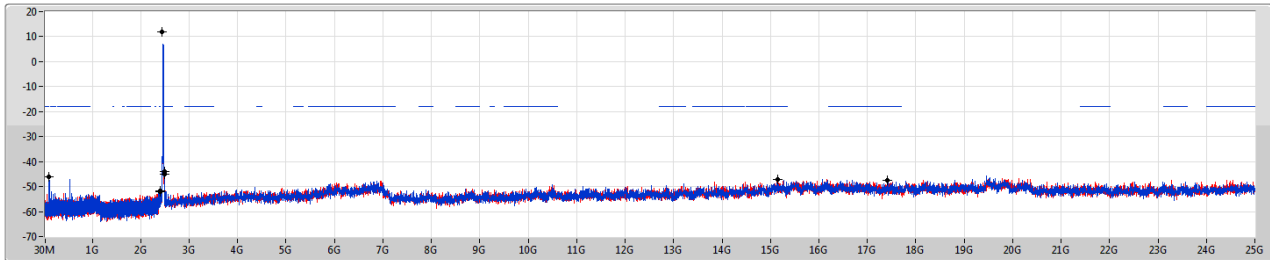
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243194G | 11.91    | -18.09     | 95.82M   | -46.41     | 2.3987G  | -34.29     | 2.48484G | -44.04     | 16.84384G | -46.99     | 1    |
| 243194G | 11.91    | -18.09     | 95.82M   | -47.54     | 2.39932G | -37.09     | 2.48414G | -44.45     | 9.74969G  | -46.92     | 2    |

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

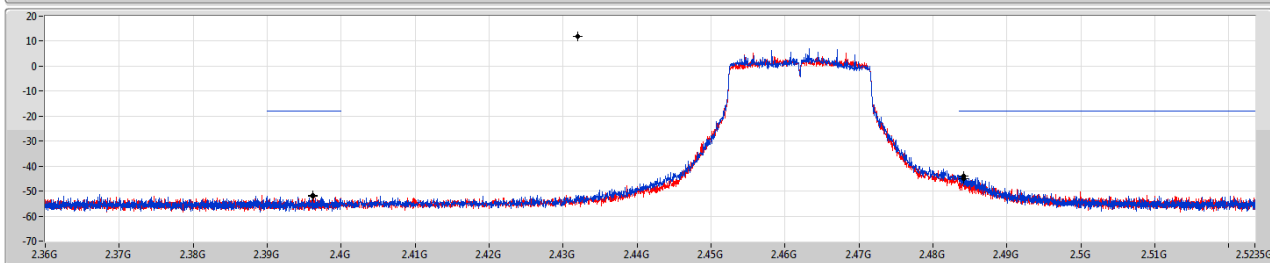
2462MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

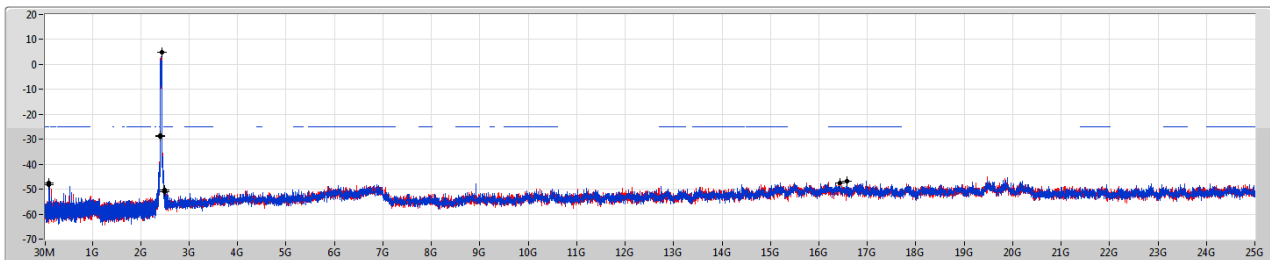
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43194G | 11.91    | -18.09     | 95.82M   | -46.09     | 2.39614G | -51.69     | 2.48408G | -44.03     | 17.4198G  | -47.37     | 1    |
| 2.43194G | 11.91    | -18.09     | 95.82M   | -46.09     | 2.39616G | -52.03     | 2.48408G | -45.15     | 15.14405G | -47.29     | 2    |

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

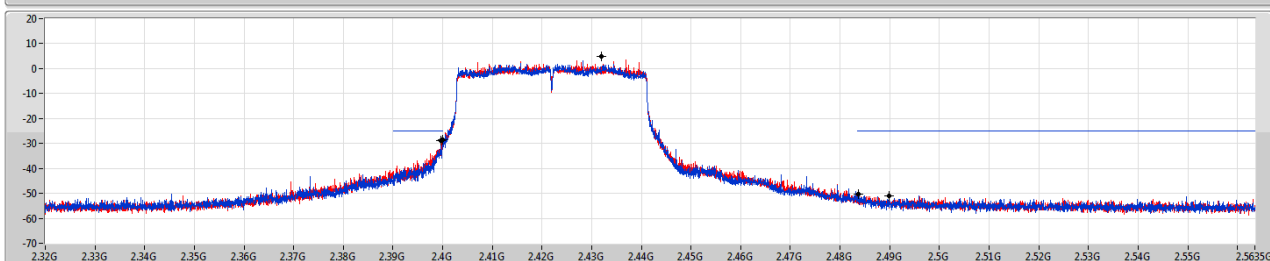
2422MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

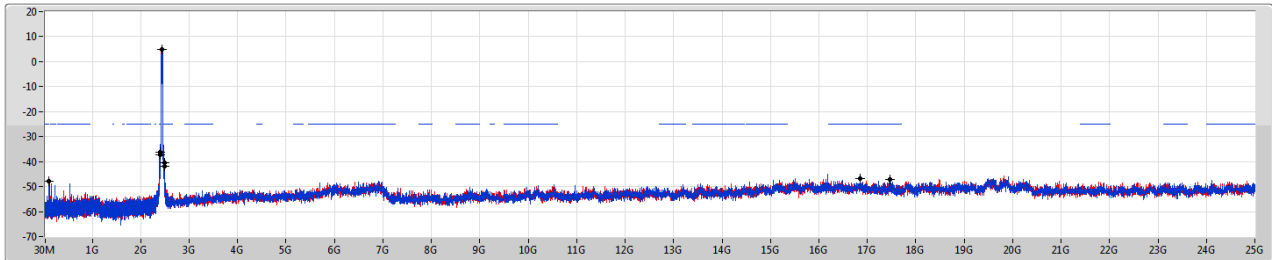
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 4.99     | -25.01     | 95.84M   | -47.44     | 2.3996G  | -28.71     | 2.48362G | -50.42     | 16.57229G | -46.80     | 1    |
| 2.43198G | 4.99     | -25.01     | 95.84M   | -48.08     | 2.39992G | -28.64     | 2.48362G | -50.94     | 16.42926G | -47.35     | 2    |

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

2437MHz

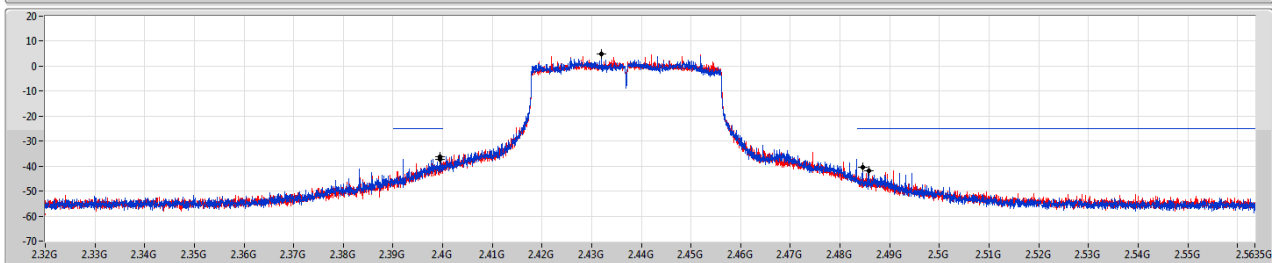
CSE NdB

19/07/2019



Port 1  
Port 2

RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



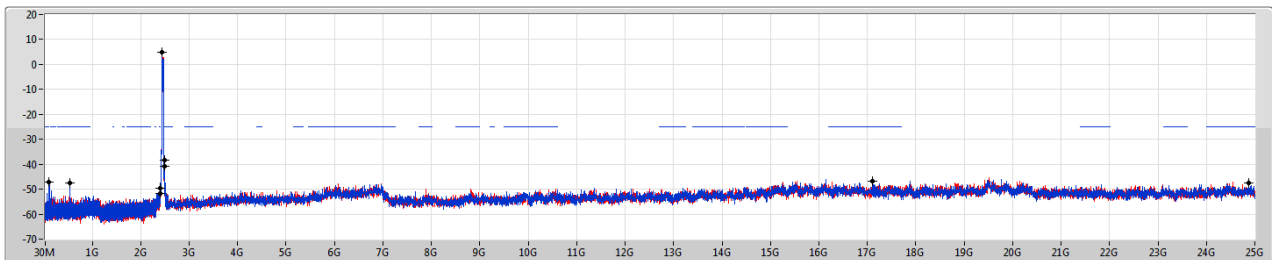
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243198G | 4.99     | -25.01     | 95.84M   | -47.68     | 2.39952G | -36.40     | 2.48454G | -40.39     | 17.47536G | -47.21     | 1    |
| 243198G | 4.99     | -25.01     | 95.84M   | -47.96     | 2.39948G | -37.28     | 2.48578G | -41.82     | 16.84714G | -46.77     | 2    |

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

2452MHz

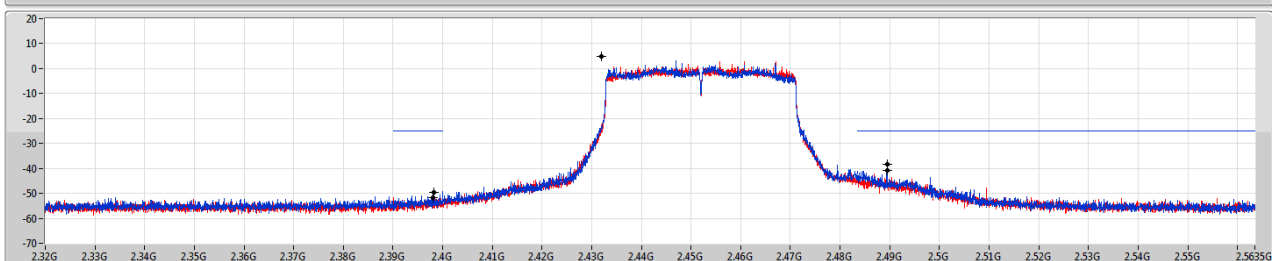
CSE NdB

19/07/2019



Port 1  
Port 2

RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243198G | 4.99     | -25.01     | 544.11M  | -47.57     | 2.39828G | -49.58     | 2.48946G | -38.36     | 24.87099G | -47.33     | 1    |
| 243198G | 4.99     | -25.01     | 95.84M   | -47.14     | 2.39796G | -51.80     | 2.48946G | -40.77     | 17.10796G | -46.84     | 2    |

**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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | Pass   | 2.43649G    | 10.60        | -19.40         | 159.9M       | -39.63         | 2.39982G     | -25.53         | 2.493G       | -46.48         | 24.89324G    | -41.61         | 2    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.85         | 2.39052G     | -44.27         | 2.48666G     | -28.57         | 16.40963G    | -41.80         | 2    |

**Result**

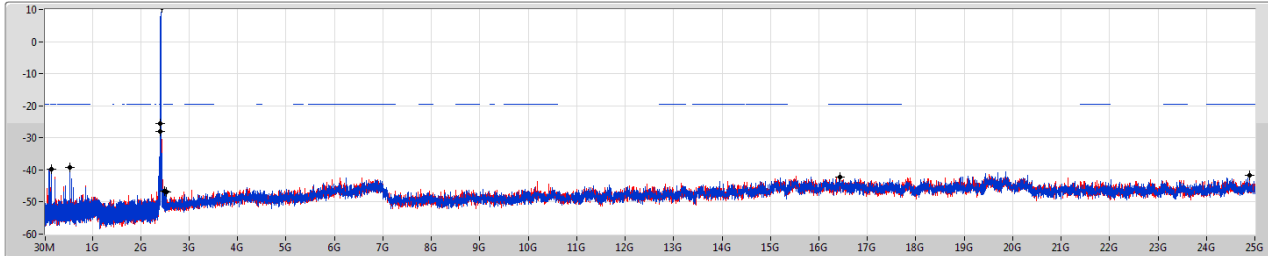
| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.43649G    | 10.60        | -19.40         | 544.06M      | -39.25         | 2.39986G     | -28.08         | 2.52246G     | -46.89         | 16.43083G    | -42.29         | 1    |
| 2412MHz                           | Pass   | 2.43649G    | 10.60        | -19.40         | 159.9M       | -39.63         | 2.39982G     | -25.53         | 2.493G       | -46.48         | 24.89324G    | -41.61         | 2    |
| 2437MHz                           | Pass   | 2.43649G    | 10.60        | -19.40         | 159.9M       | -39.57         | 2.39266G     | -47.22         | 2.48788G     | -46.80         | 15.0991G     | -41.37         | 1    |
| 2437MHz                           | Pass   | 2.43649G    | 10.60        | -19.40         | 159.9M       | -38.50         | 2.39814G     | -46.94         | 2.49898G     | -45.97         | 16.54041G    | -41.94         | 2    |
| 2462MHz                           | Pass   | 2.43649G    | 10.60        | -19.40         | 95.82M       | -38.54         | 2.39838G     | -47.32         | 2.48446G     | -33.99         | 24.89324G    | -42.38         | 1    |
| 2462MHz                           | Pass   | 2.43649G    | 10.60        | -19.40         | 544.06M      | -39.47         | 2.3973G      | -47.45         | 2.48368G     | -43.13         | 23.18502G    | -41.02         | 2    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 95.84M       | -40.52         | 2.39972G     | -30.32         | 2.48442G     | -46.10         | 15.20366G    | -42.25         | 1    |
| 2422MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.52         | 2.3998G      | -32.93         | 2.5355G      | -47.45         | 6.96947G     | -42.17         | 2    |
| 2437MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 95.84M       | -39.08         | 2.39576G     | -36.95         | 2.48426G     | -39.98         | 6.81241G     | -42.02         | 1    |
| 2437MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.15         | 2.39392G     | -40.21         | 2.48638G     | -42.21         | 16.34792G    | -41.92         | 2    |
| 2452MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -38.79         | 2.39388G     | -39.84         | 2.48434G     | -35.04         | 16.55546G    | -40.71         | 1    |
| 2452MHz                           | Pass   | 2.42597G    | 11.12        | -18.88         | 159.96M      | -39.85         | 2.39052G     | -44.27         | 2.48666G     | -28.57         | 16.40963G    | -41.80         | 2    |

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

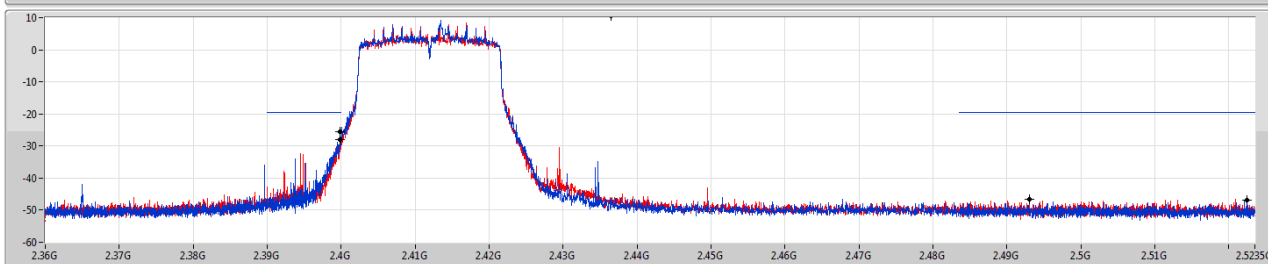
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

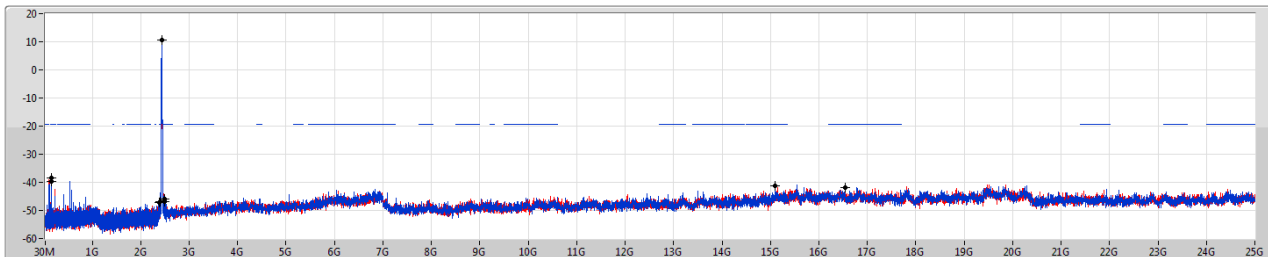
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43649G | 10.60    | -19.40     | 544.06M  | -39.25     | 2.39986G | -28.08     | 2.52246G | -46.89     | 16.43083G | -42.29     | 1    |
| 2.43649G | 10.60    | -19.40     | 159.9M   | -39.63     | 2.39982G | -25.53     | 2.493G   | -46.48     | 24.89324G | -41.61     | 2    |

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

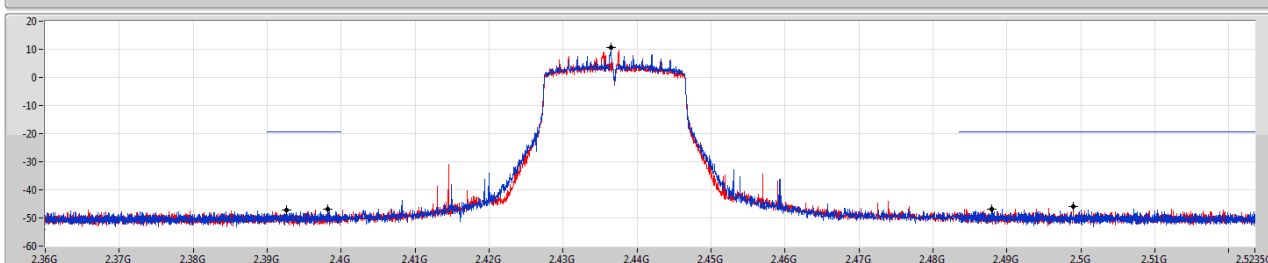
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

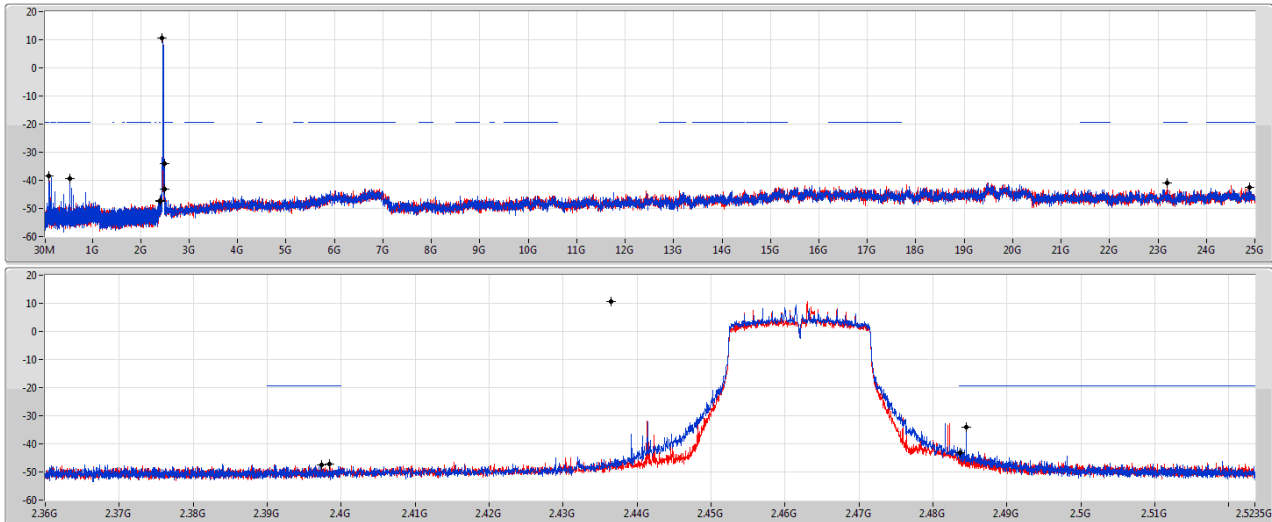
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43649G | 10.60    | -19.40     | 159.9M   | -39.57     | 2.39266G | -47.22     | 2.48788G | -46.80     | 15.0991G  | -41.37     | 1    |
| 2.43649G | 10.60    | -19.40     | 159.9M   | -38.50     | 2.39814G | -46.94     | 2.49898G | -45.97     | 16.54041G | -41.94     | 2    |

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

2462MHz

CSE NdB

19/07/2019



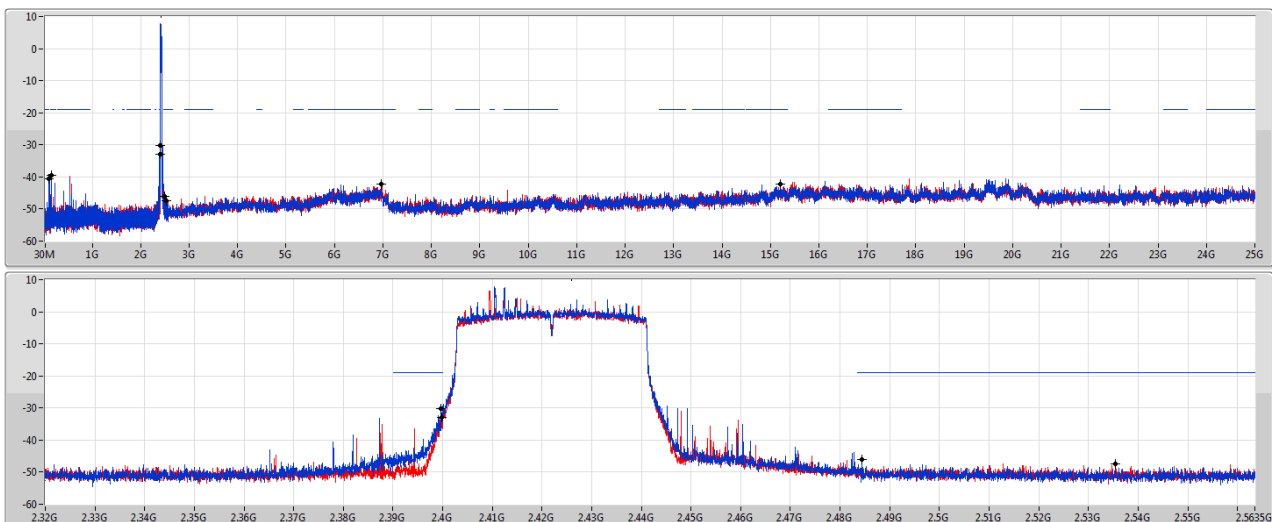
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43649G | 10.60    | -19.40     | 95.82M   | -38.54     | 2.39838G | -47.32     | 2.48446G | -33.99     | 24.89324G | -42.38     | 1    |
| 2.43649G | 10.60    | -19.40     | 544.06M  | -39.47     | 2.3973G  | -47.45     | 2.48308G | -43.13     | 23.18502G | -41.02     | 2    |

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

2422MHz

CSE NdB

19/07/2019



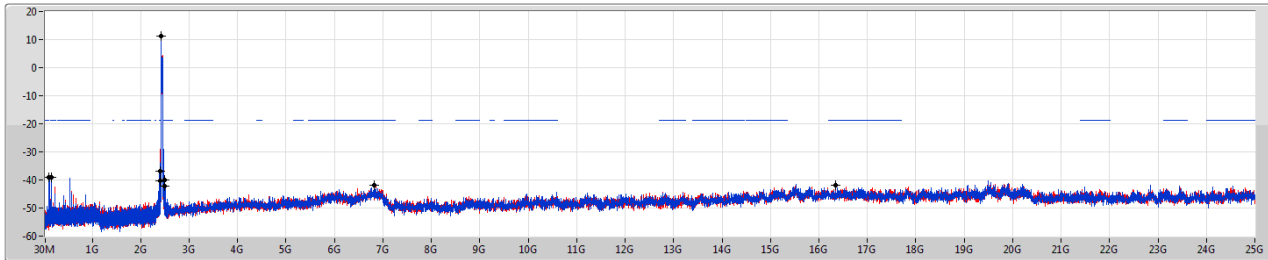
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 11.12    | -18.88     | 95.84M   | -40.52     | 2.39972G | -30.32     | 2.48442G | -46.10     | 15.20366G | -42.25     | 1    |
| 2.42597G | 11.12    | -18.88     | 159.96M  | -39.52     | 2.3998G  | -32.93     | 2.5355G  | -47.45     | 6.96947G  | -42.17     | 2    |

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

2437MHz

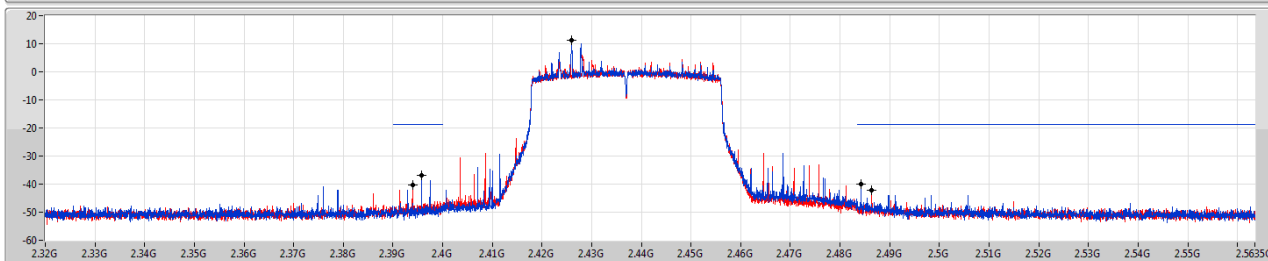
CSE NdB

19/07/2019



Port 1  
Port 2

RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



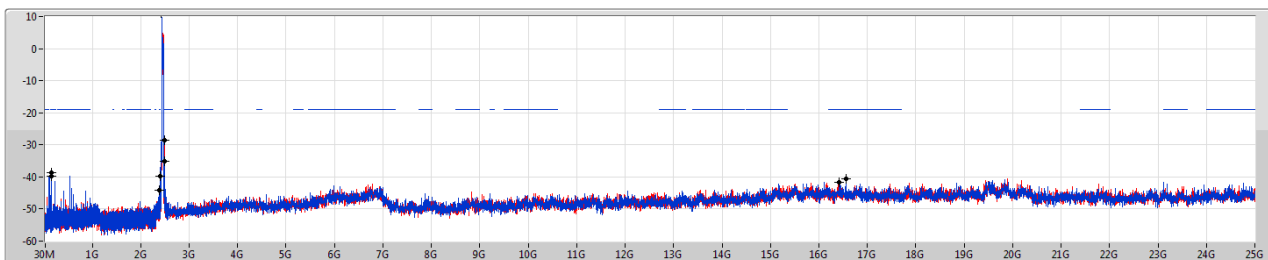
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 11.12    | -18.88     | 95.84M   | -39.08     | 2.39576G | -36.95     | 2.48426G | -39.98     | 6.81241G  | -42.02     | 1    |
| 2.42597G | 11.12    | -18.88     | 159.96M  | -39.15     | 2.39302G | -40.21     | 2.48638G | -42.21     | 16.34792G | -41.92     | 2    |

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

2452MHz

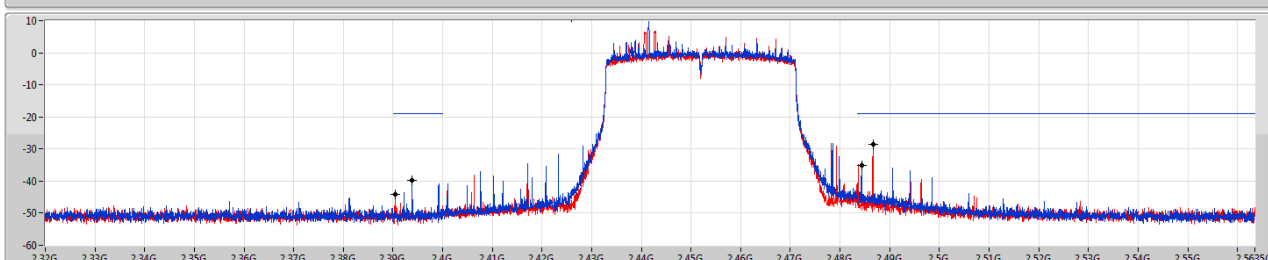
CSE NdB

19/07/2019



Port 1  
Port 2

RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak



| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42597G | 11.12    | -18.88     | 159.96M  | -38.79     | 2.39388G | -39.84     | 2.48434G | -35.04     | 16.55546G | -40.71     | 1    |
| 2.42597G | 11.12    | -18.88     | 159.96M  | -39.85     | 2.39052G | -44.27     | 2.48666G | -28.57     | 16.40963G | -41.80     | 2    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_4TX       | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -48.22         | 2.39948G     | -35.45         | 2.488G       | -45.85         | 9.74689G     | -28.06         | 3    |
| 802.11g_Nss1,(6Mbps)_4TX       | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -43.44         | 2.39974G     | -28.58         | 2.51702G     | -51.03         | 24.77243G    | -46.30         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | 2.43824G    | 11.40        | -18.60         | 95.82M       | -43.87         | 2.3999G      | -23.15         | 2.49714G     | -50.74         | 6.92889G     | -46.75         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -47.21         | 2.39992G     | -30.91         | 2.48746G     | -50.41         | 15.18684G    | -46.95         | 4    |

**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_Nss1,(1Mbps)_4TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -48.73         | 2.39948G     | -31.22         | 2.48756G     | -51.51         | 17.45913G    | -47.14         | 1    |
| 2412MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -47.18         | 2.3995G      | -32.46         | 2.49644G     | -51.04         | 16.75955G    | -46.91         | 2    |
| 2412MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -48.46         | 2.39948G     | -33.12         | 2.51996G     | -51.18         | 16.75112G    | -46.70         | 3    |
| 2412MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 543.77M      | -47.93         | 2.398G       | -32.91         | 2.52184G     | -52.03         | 9.64855G     | -45.67         | 4    |
| 2437MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -48.24         | 2.398G       | -32.79         | 2.484G       | -45.61         | 9.74689G     | -34.36         | 1    |
| 2437MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -46.66         | 2.399G       | -37.86         | 2.488G       | -45.79         | 9.74689G     | -28.68         | 2    |
| 2437MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -48.22         | 2.39948G     | -35.45         | 2.488G       | -45.85         | 9.74689G     | -28.06         | 3    |
| 2437MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -46.49         | 2.39948G     | -35.84         | 2.48796G     | -45.85         | 9.74689G     | -28.07         | 4    |
| 2462MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -48.73         | 2.3921G      | -51.73         | 2.48352G     | -46.37         | 16.49264G    | -47.33         | 1    |
| 2462MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -47.99         | 2.39992G     | -52.62         | 2.48558G     | -49.59         | 15.11877G    | -47.04         | 2    |
| 2462MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -47.61         | 2.3988G      | -52.90         | 2.48648G     | -48.75         | 9.84803G     | -46.83         | 3    |
| 2462MHz                        | Pass   | 2.43799G    | 14.91        | -15.09         | 95.82M       | -47.98         | 2.39382G     | -51.96         | 2.48648G     | -47.46         | 9.84803G     | -47.15         | 4    |
| 802.11g_Nss1,(6Mbps)_4TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -44.30         | 2.39988G     | -28.77         | 2.5004G      | -51.01         | 15.24801G    | -47.13         | 1    |
| 2412MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -43.44         | 2.39974G     | -28.58         | 2.51702G     | -51.03         | 24.77243G    | -46.30         | 2    |
| 2412MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -43.72         | 2.39976G     | -29.20         | 2.4965G      | -51.74         | 16.80732G    | -47.07         | 3    |
| 2412MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -44.74         | 2.39976G     | -30.47         | 2.503G       | -50.70         | 24.20489G    | -46.52         | 4    |
| 2437MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -41.98         | 2.39986G     | -36.70         | 2.48354G     | -44.61         | 24.81176G    | -46.37         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -43.21         | 2.39824G     | -37.58         | 2.48448G     | -43.99         | 24.47461G    | -47.24         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -43.10         | 2.39826G     | -36.50         | 2.48356G     | -43.71         | 24.50833G    | -46.50         | 3    |
| 2437MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -42.83         | 2.39702G     | -36.66         | 2.48508G     | -44.93         | 15.13282G    | -46.68         | 4    |
| 2462MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 544.06M      | -43.86         | 2.39876G     | -50.61         | 2.48382G     | -42.70         | 17.52937G    | -47.04         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 95.82M       | -43.77         | 2.39584G     | -51.89         | 2.4851G      | -43.38         | 15.20306G    | -47.02         | 2    |
| 2462MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 159.9M       | -43.31         | 2.39996G     | -51.18         | 2.48352G     | -45.80         | 15.08505G    | -46.40         | 3    |
| 2462MHz                        | Pass   | 2.44196G    | 11.82        | -18.18         | 95.82M       | -44.92         | 2.39732G     | -51.88         | 2.48358G     | -43.35         | 17.42542G    | -47.50         | 4    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 95.82M       | -43.87         | 2.3999G      | -23.15         | 2.49714G     | -50.74         | 6.92889G     | -46.75         | 1    |
| 2412MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -44.39         | 2.39998G     | -25.72         | 2.51534G     | -51.18         | 6.72942G     | -46.54         | 2    |
| 2412MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -43.51         | 2.39994G     | -25.59         | 2.48572G     | -51.31         | 6.95418G     | -47.20         | 3    |
| 2412MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 95.82M       | -44.23         | 2.39996G     | -24.93         | 2.51202G     | -51.24         | 15.23677G    | -46.23         | 4    |
| 2437MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -44.51         | 2.39968G     | -36.43         | 2.48462G     | -43.36         | 15.25644G    | -47.08         | 1    |
| 2437MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 95.82M       | -44.65         | 2.39852G     | -36.88         | 2.48434G     | -46.58         | 6.85865G     | -47.09         | 2    |
| 2437MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -44.86         | 2.39996G     | -38.88         | 2.48554G     | -47.08         | 16.85789G    | -46.89         | 3    |
| 2437MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -42.81         | 2.39982G     | -39.10         | 2.48356G     | -46.95         | 16.83541G    | -47.36         | 4    |
| 2462MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -43.95         | 2.39984G     | -51.46         | 2.48466G     | -40.07         | 6.97666G     | -47.47         | 1    |
| 2462MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -43.98         | 2.3907G      | -52.11         | 2.48494G     | -42.41         | 16.75112G    | -46.49         | 2    |
| 2462MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 159.9M       | -43.97         | 2.3992G      | -51.25         | 2.48436G     | -43.81         | 16.4196G     | -46.52         | 3    |
| 2462MHz                        | Pass   | 2.43824G    | 11.40        | -18.60         | 95.82M       | -44.65         | 2.39852G     | -51.69         | 2.48418G     | -42.14         | 15.1581G     | -47.48         | 4    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 543.82M      | -48.96         | 2.39976G     | -32.44         | 2.50114G     | -49.87         | 17.51462G    | -46.10         | 1    |
| 2422MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -48.45         | 2.39996G     | -31.02         | 2.4995G      | -49.38         | 16.77141G    | -46.10         | 2    |
| 2422MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 543.82M      | -48.33         | 2.39956G     | -31.58         | 2.4849G      | -50.83         | 24.86819G    | -47.56         | 3    |
| 2422MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -47.21         | 2.39992G     | -30.91         | 2.48746G     | -50.41         | 15.18684G    | -46.95         | 4    |
| 2437MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -46.85         | 2.39636G     | -44.14         | 2.48574G     | -45.26         | 16.53022G    | -46.50         | 1    |
| 2437MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -47.32         | 2.3988G      | -46.51         | 2.48458G     | -46.05         | 5.98507G     | -47.19         | 2    |
| 2437MHz                        | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -45.80         | 2.39952G     | -44.28         | 2.49066G     | -47.73         | 17.14442G    | -47.46         | 3    |

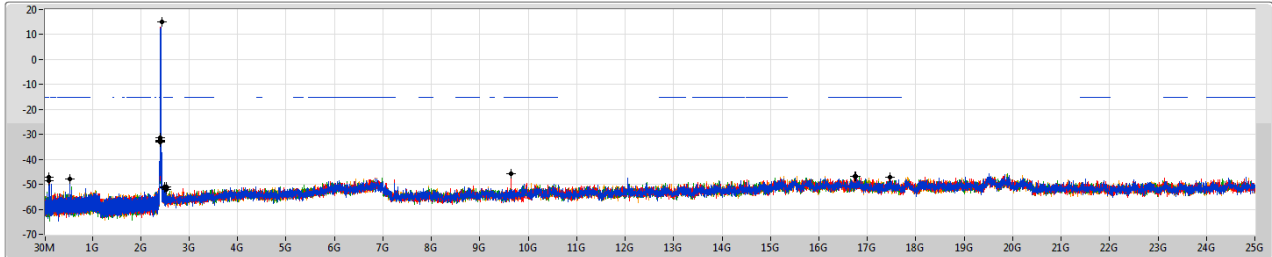
| Mode    | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2437MHz | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -46.69         | 2.3996G      | -45.23         | 2.48694G     | -45.31         | 16.72935G    | -45.95         | 4    |
| 2452MHz | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -47.10         | 2.39628G     | -52.22         | 2.4845G      | -44.41         | 6.93581G     | -47.55         | 1    |
| 2452MHz | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -47.72         | 2.39032G     | -53.37         | 2.48574G     | -44.72         | 16.24135G    | -46.40         | 2    |
| 2452MHz | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -48.36         | 2.39144G     | -51.38         | 2.48818G     | -46.48         | 6.71145G     | -47.38         | 3    |
| 2452MHz | Pass   | 2.442G      | 4.57         | -25.43         | 95.84M       | -46.70         | 2.39272G     | -52.69         | 2.48442G     | -47.92         | 6.76754G     | -47.04         | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

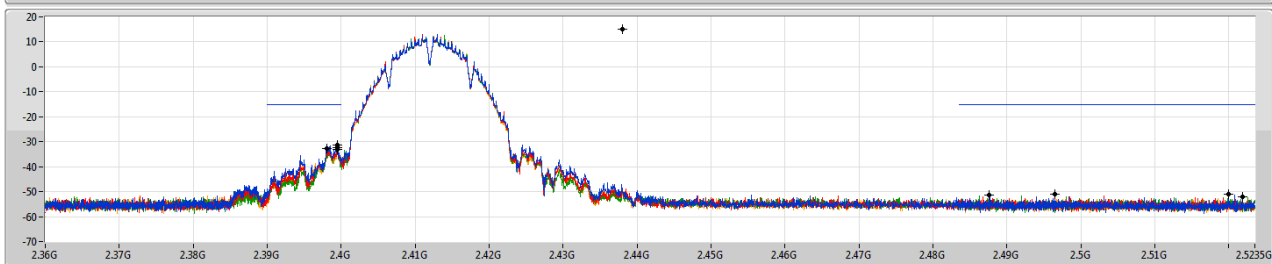
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

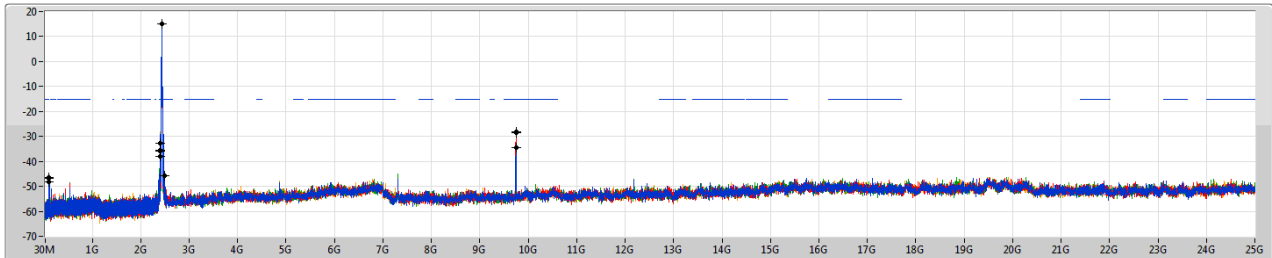
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243799G | 14.91    | -15.09     | 95.82M   | -48.73     | 2.39948G | -31.22     | 2.48756G | -51.51     | 17.45913G | -47.14     | 1    |
| 243799G | 14.91    | -15.09     | 95.82M   | -47.18     | 2.3995G  | -32.46     | 2.49644G | -51.04     | 16.75955G | -46.91     | 2    |
| 243799G | 14.91    | -15.09     | 95.82M   | -48.46     | 2.39948G | -33.12     | 2.51996G | -51.18     | 16.75112G | -46.70     | 3    |
| 243799G | 14.91    | -15.09     | 543.77M  | -47.93     | 2.398G   | -32.91     | 2.52184G | -52.03     | 9.64855G  | -45.67     | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

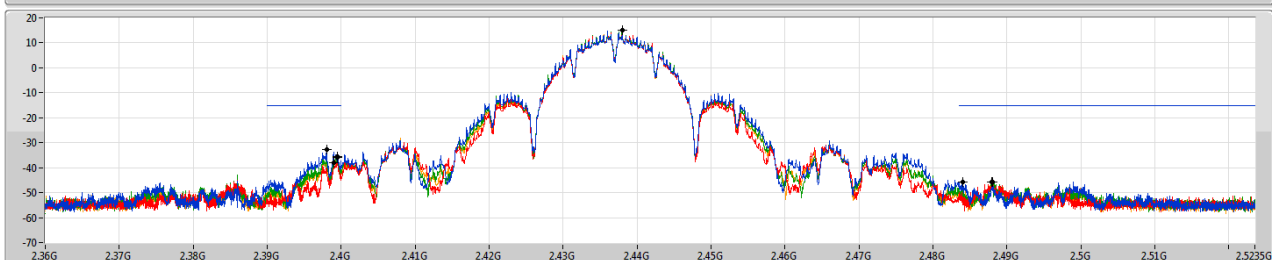
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

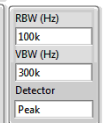
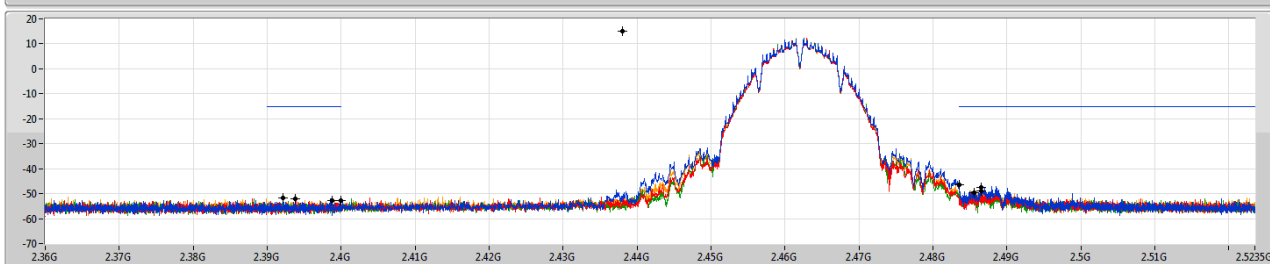
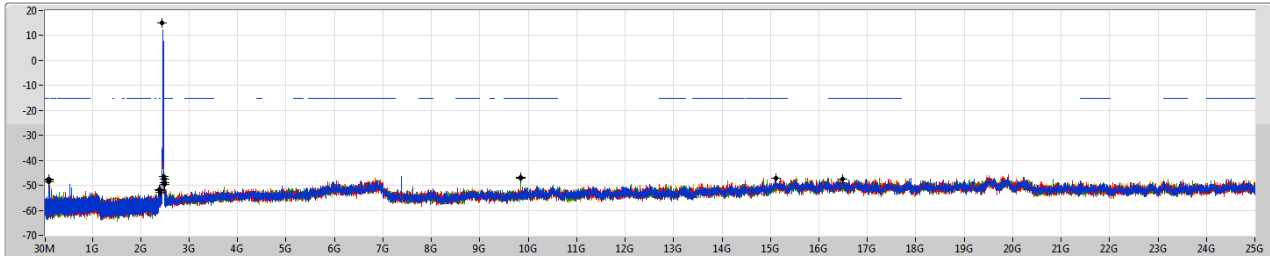
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 243799G | 14.91    | -15.09     | 95.82M   | -48.24     | 2.398G   | -32.79     | 2.484G   | -45.61     | 9.74689G | -34.36     | 1    |
| 243799G | 14.91    | -15.09     | 95.82M   | -46.66     | 2.399G   | -37.86     | 2.488G   | -45.79     | 9.74689G | -28.68     | 2    |
| 243799G | 14.91    | -15.09     | 95.82M   | -48.22     | 2.39948G | -35.45     | 2.488G   | -45.85     | 9.74689G | -28.06     | 3    |
| 243799G | 14.91    | -15.09     | 95.82M   | -46.49     | 2.39948G | -35.84     | 2.48796G | -45.85     | 9.74689G | -28.07     | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

2462MHz

CSE NdB

19/07/2019



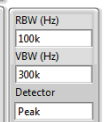
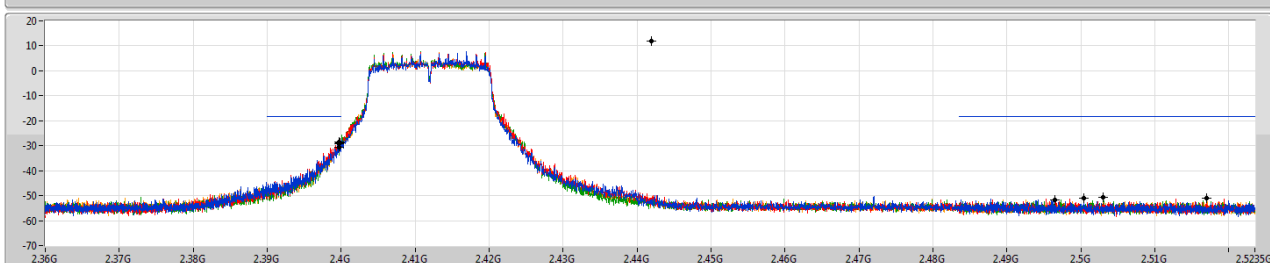
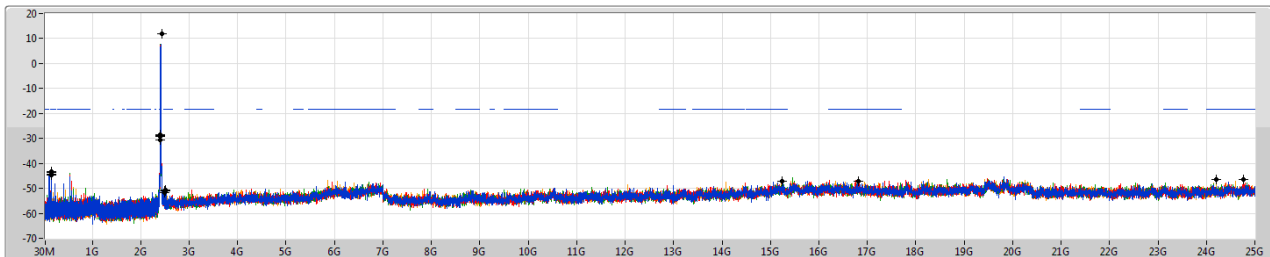
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43799G | 14.91    | -15.09     | 95.82M   | -48.73     | 2.3921G  | -51.73     | 2.48352G | -46.37     | 16.49264G | -47.33     | 1    |
| 2.43799G | 14.91    | -15.09     | 95.82M   | -47.99     | 2.39992G | -52.62     | 2.48558G | -49.59     | 15.11877G | -47.04     | 2    |
| 2.43799G | 14.91    | -15.09     | 95.82M   | -47.61     | 2.3988G  | -52.90     | 2.48648G | -48.75     | 9.84803G  | -46.83     | 3    |
| 2.43799G | 14.91    | -15.09     | 95.82M   | -47.98     | 2.39382G | -51.96     | 2.48648G | -47.46     | 9.84803G  | -47.15     | 4    |

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

2412MHz

CSE NdB

19/07/2019



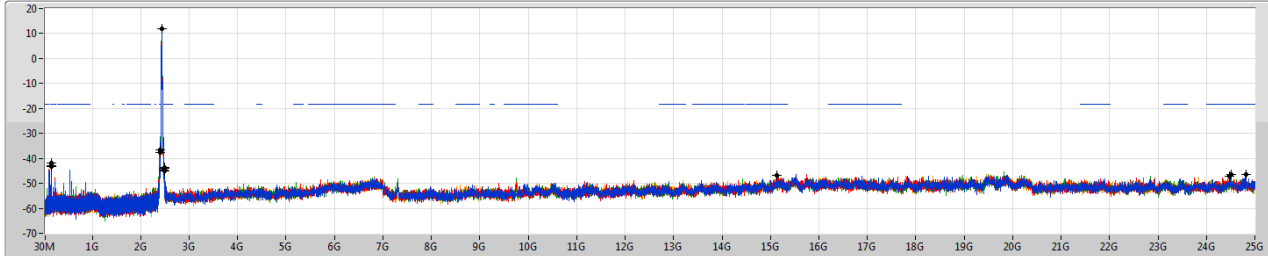
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 11.82    | -18.18     | 159.9M   | -44.30     | 2.39988G | -28.77     | 2.5004G  | -51.01     | 15.24801G | -47.13     | 1    |
| 2.44196G | 11.82    | -18.18     | 159.9M   | -43.44     | 2.39974G | -28.58     | 2.51702G | -51.03     | 24.77243G | -46.30     | 2    |
| 2.44196G | 11.82    | -18.18     | 159.9M   | -43.72     | 2.39976G | -29.20     | 2.4965G  | -51.74     | 16.80732G | -47.07     | 3    |
| 2.44196G | 11.82    | -18.18     | 159.9M   | -44.74     | 2.39976G | -30.47     | 2.503G   | -50.70     | 24.20489G | -46.52     | 4    |

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

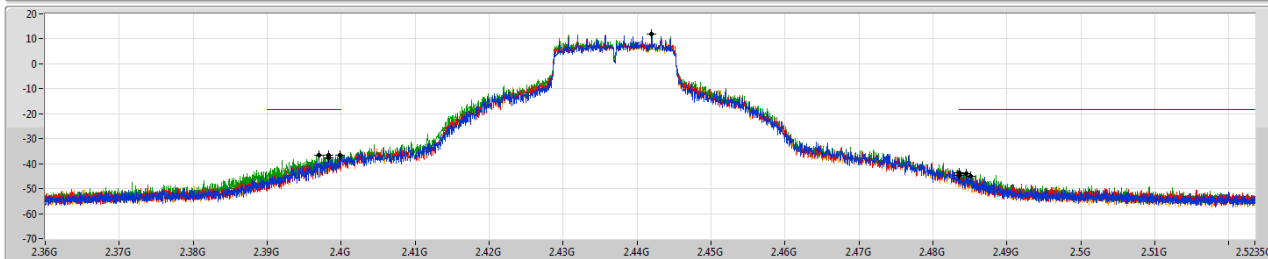
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

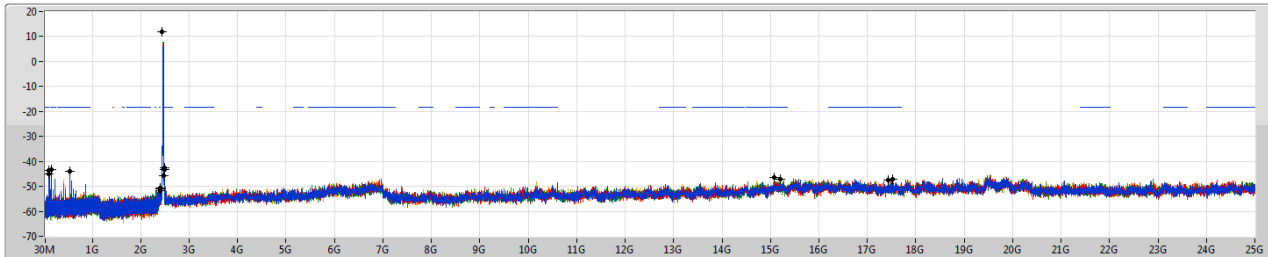
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 244196G | 11.82    | -18.18     | 159.9M   | -41.98     | 2.39886G | -36.70     | 2.48354G | -44.61     | 24.81176G | -46.37     | 1    |
| 244196G | 11.82    | -18.18     | 159.9M   | -43.21     | 2.39824G | -37.58     | 2.48448G | -43.99     | 24.47461G | -47.24     | 2    |
| 244196G | 11.82    | -18.18     | 159.9M   | -43.10     | 2.39826G | -36.50     | 2.48356G | -43.71     | 24.50833G | -46.50     | 3    |
| 244196G | 11.82    | -18.18     | 159.9M   | -42.83     | 2.39702G | -36.66     | 2.48508G | -44.93     | 15.13282G | -46.68     | 4    |

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

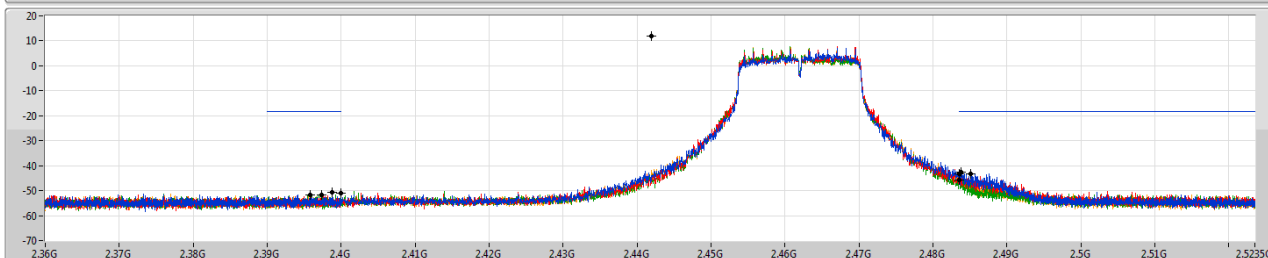
2462MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

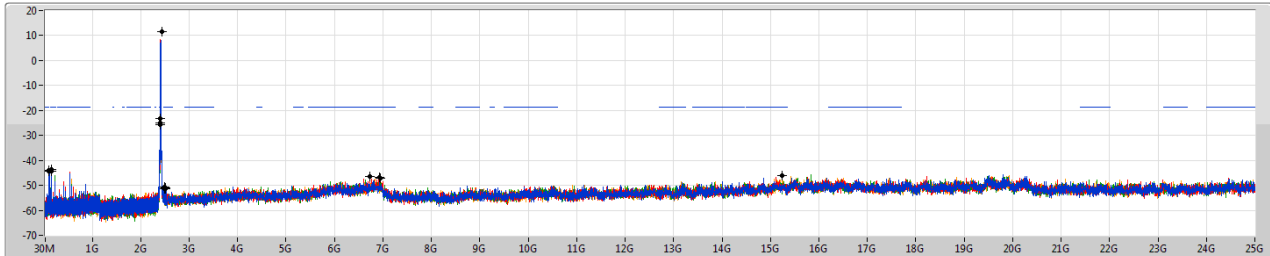
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 244196G | 11.82    | -18.18     | 544.06M  | -43.86     | 2.39876G | -50.61     | 2.48382G | -42.70     | 17.52937G | -47.04     | 1    |
| 244196G | 11.82    | -18.18     | 95.82M   | -43.77     | 2.39884G | -51.89     | 2.4851G  | -43.38     | 15.20306G | -47.02     | 2    |
| 244196G | 11.82    | -18.18     | 159.9M   | -43.31     | 2.39996G | -51.18     | 2.48352G | -45.80     | 15.08505G | -46.40     | 3    |
| 244196G | 11.82    | -18.18     | 95.82M   | -44.92     | 2.39732G | -51.88     | 2.48358G | -43.35     | 17.42542G | -47.50     | 4    |

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

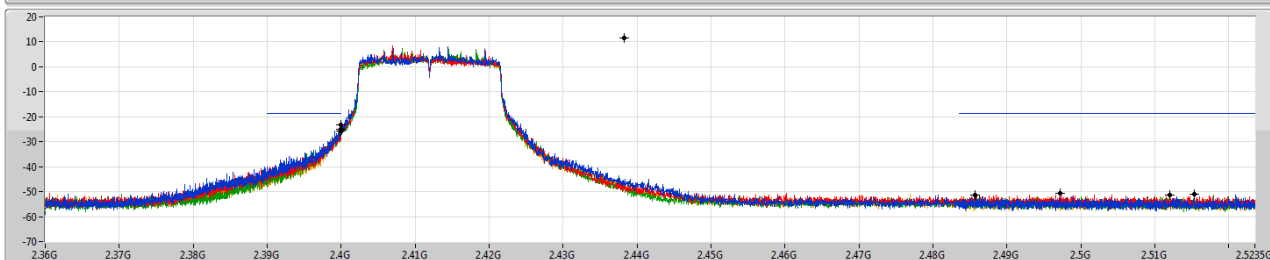
CSE NdB

2412MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

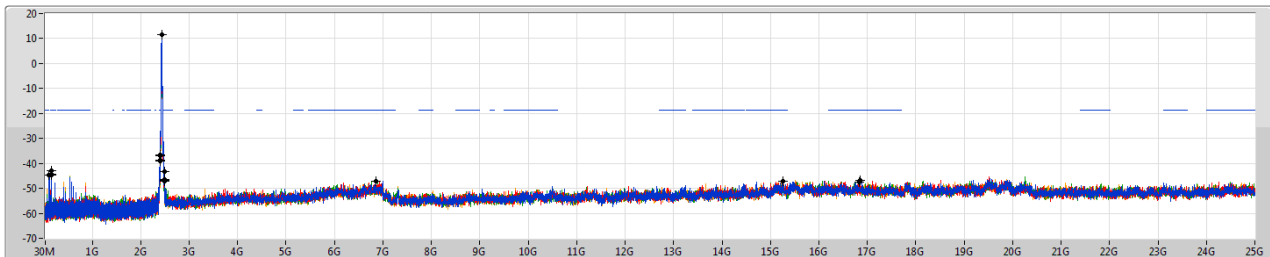
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43824G | 11.40    | -18.60     | 95.82M   | -43.87     | 2.3999G  | -23.15     | 2.49714G | -50.74     | 6.92889G  | -46.75     | 1    |
| 2.43824G | 11.40    | -18.60     | 159.9M   | -44.39     | 2.39998G | -25.72     | 2.51534G | -51.18     | 6.72942G  | -46.54     | 2    |
| 2.43824G | 11.40    | -18.60     | 159.9M   | -43.51     | 2.39994G | -25.59     | 2.48572G | -51.31     | 6.95418G  | -47.20     | 3    |
| 2.43824G | 11.40    | -18.60     | 95.82M   | -44.23     | 2.39996G | -24.93     | 2.51202G | -51.24     | 15.23677G | -46.23     | 4    |

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

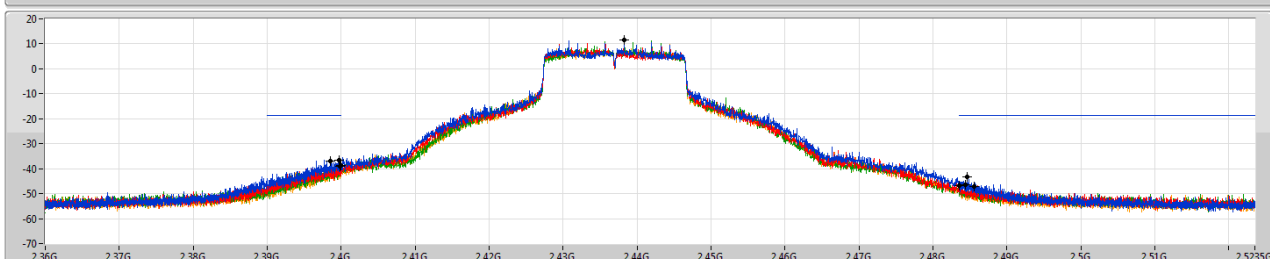
CSE NdB

2437MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



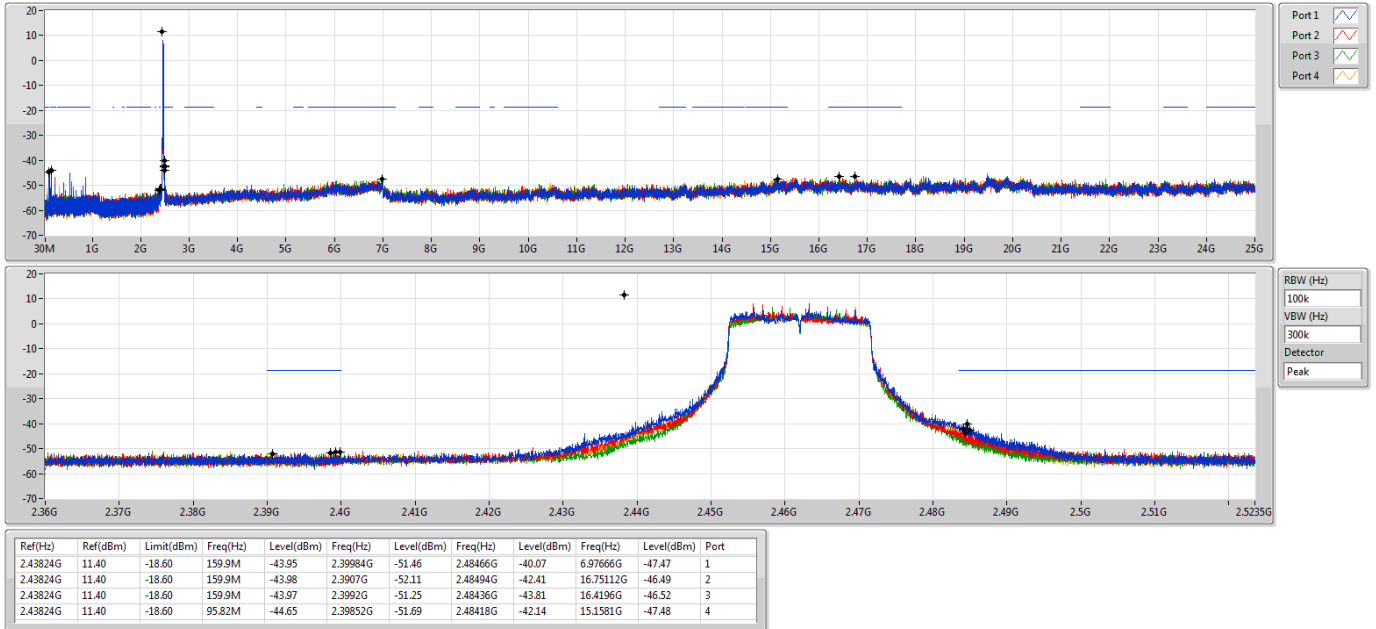
RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43824G | 11.40    | -18.60     | 159.9M   | -44.51     | 2.39968G | -36.43     | 2.48462G | -43.36     | 15.25644G | -47.08     | 1    |
| 2.43824G | 11.40    | -18.60     | 95.82M   | -44.65     | 2.39852G | -36.88     | 2.48434G | -46.58     | 6.85865G  | -47.09     | 2    |
| 2.43824G | 11.40    | -18.60     | 159.9M   | -44.86     | 2.39996G | -38.88     | 2.48554G | -47.08     | 16.85789G | -46.89     | 3    |
| 2.43824G | 11.40    | -18.60     | 159.9M   | -42.81     | 2.39982G | -39.10     | 2.48356G | -46.95     | 16.83541G | -47.36     | 4    |

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

CSE NdB

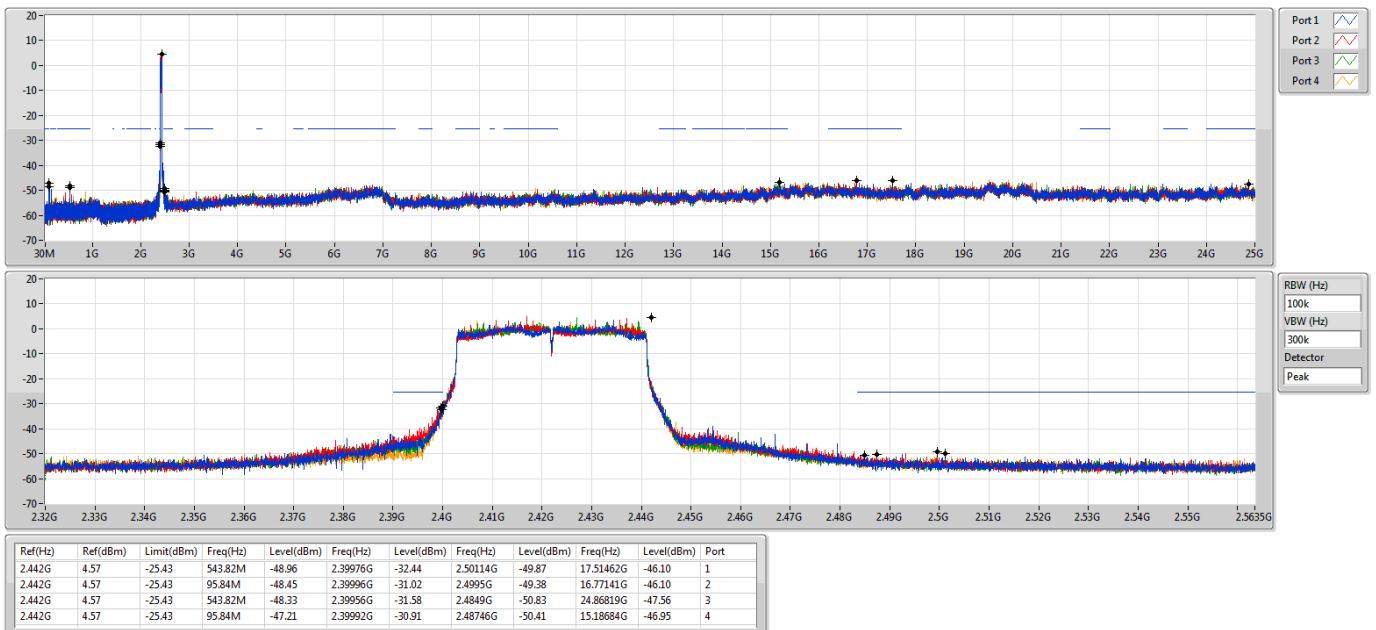
2462MHz



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

CSE NdB

2422MHz

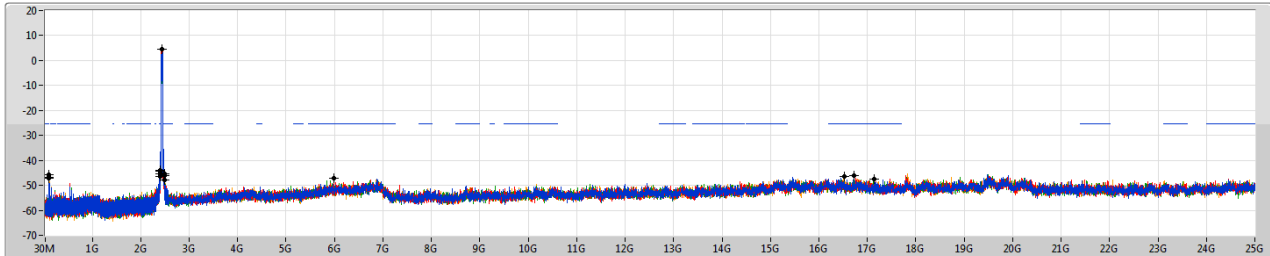


## 802.11ax HEW40\_Nss1,(MCS0)\_4TX

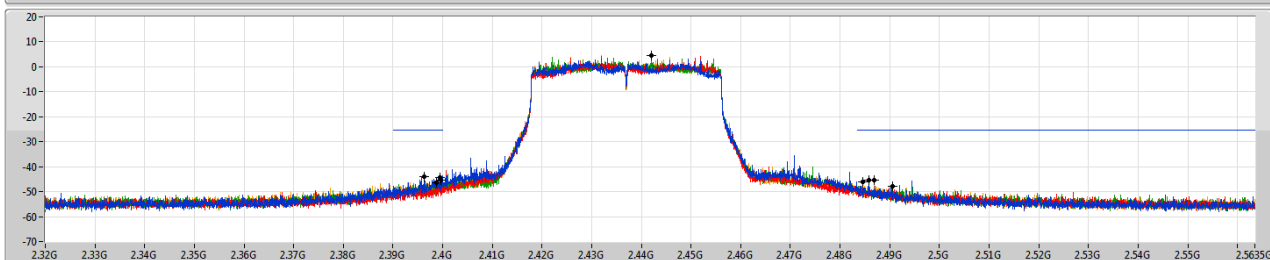
CSE NdB

2437MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

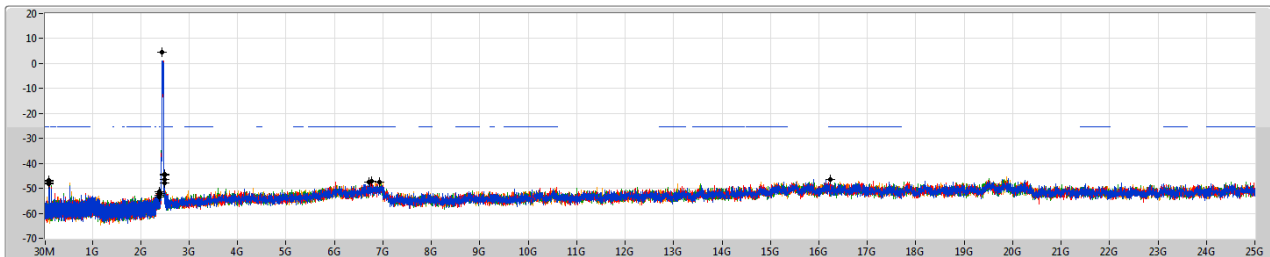
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2442G   | 4.57     | -25.43     | 95.84M   | -46.85     | 2.39636G | -44.14     | 2.48574G | -45.26     | 16.53022G | -46.50     | 1    |
| 2442G   | 4.57     | -25.43     | 95.84M   | -47.32     | 2.3988G  | -46.51     | 2.48458G | -46.05     | 5.98507G  | -47.19     | 2    |
| 2442G   | 4.57     | -25.43     | 95.84M   | -45.80     | 2.39952G | -44.28     | 2.49066G | -47.73     | 17.14442G | -47.46     | 3    |
| 2442G   | 4.57     | -25.43     | 95.84M   | -46.69     | 2.3996G  | -45.23     | 2.48694G | -45.31     | 16.72935G | -45.95     | 4    |

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

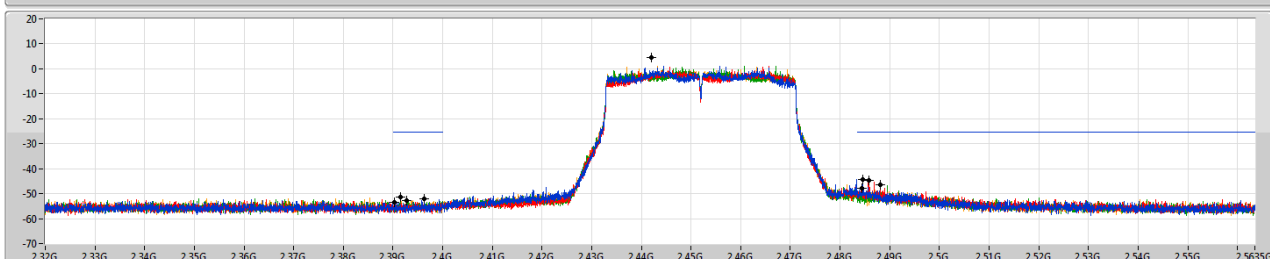
CSE NdB

2452MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2442G   | 4.57     | -25.43     | 95.84M   | -47.10     | 2.39628G | -52.22     | 2.4845G  | -44.41     | 6.93581G  | -47.55     | 1    |
| 2442G   | 4.57     | -25.43     | 95.84M   | -47.72     | 2.39032G | -53.37     | 2.48574G | -44.72     | 16.24135G | -46.40     | 2    |
| 2442G   | 4.57     | -25.43     | 95.84M   | -48.36     | 2.39144G | -51.38     | 2.48818G | -46.48     | 6.71145G  | -47.38     | 3    |
| 2442G   | 4.57     | -25.43     | 95.84M   | -46.70     | 2.39272G | -52.69     | 2.48442G | -47.92     | 6.76754G  | -47.04     | 4    |

**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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -36.78         | 2.39994G     | -23.32         | 2.50716G     | -45.29         | 16.41117G    | -39.31         | 2    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | Pass   | 2.42643G    | 10.09        | -19.91         | 543.82M      | -38.79         | 2.39796G     | -29.07         | 2.49162G     | -47.27         | 16.2722G     | -42.42         | 2    |

**Result**

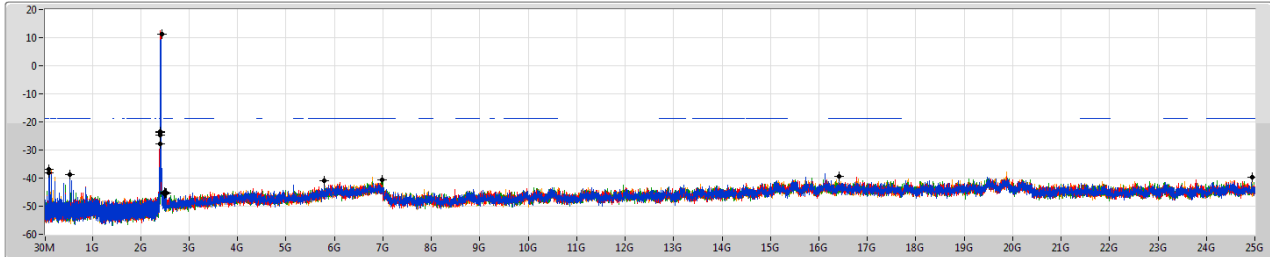
| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 544.06M      | -38.71         | 2.3999G      | -24.71         | 2.49156G     | -45.65         | 5.79102G     | -40.85         | 1    |
| 2412MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -36.78         | 2.39994G     | -23.32         | 2.50716G     | -45.29         | 16.41117G    | -39.31         | 2    |
| 2412MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -38.00         | 2.3998G      | -27.69         | 2.4929G      | -44.99         | 6.97666G     | -40.66         | 3    |
| 2412MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -36.99         | 2.39978G     | -23.88         | 2.52256G     | -45.16         | 24.94381G    | -39.55         | 4    |
| 2437MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -37.93         | 2.39504G     | -45.91         | 2.52138G     | -45.61         | 15.27049G    | -40.63         | 1    |
| 2437MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -37.45         | 2.3987G      | -45.94         | 2.49978G     | -44.57         | 17.52375G    | -39.98         | 2    |
| 2437MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -37.79         | 2.39834G     | -46.27         | 2.51516G     | -44.76         | 16.34936G    | -40.01         | 3    |
| 2437MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -37.26         | 2.39168G     | -45.92         | 2.49294G     | -45.36         | 15.26768G    | -40.14         | 4    |
| 2462MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 159.9M       | -38.41         | 2.39572G     | -46.04         | 2.48356G     | -35.42         | 24.81176G    | -40.12         | 1    |
| 2462MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -38.34         | 2.39506G     | -46.31         | 2.4868G      | -40.78         | 16.4505G     | -40.09         | 2    |
| 2462MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 95.82M       | -38.00         | 2.39946G     | -45.89         | 2.48446G     | -32.98         | 16.27631G    | -40.74         | 3    |
| 2462MHz                           | Pass   | 2.43494G    | 11.12        | -18.88         | 159.9M       | -38.99         | 2.39802G     | -46.14         | 2.48364G     | -42.48         | 24.42966G    | -40.46         | 4    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 159.96M      | -39.59         | 2.3998G      | -29.83         | 2.49098G     | -46.71         | 14.46606G    | -41.87         | 1    |
| 2422MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 543.82M      | -38.79         | 2.39796G     | -29.07         | 2.49162G     | -47.27         | 16.2722G     | -42.42         | 2    |
| 2422MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 95.84M       | -38.06         | 2.39964G     | -31.61         | 2.50262G     | -46.82         | 16.3956G     | -41.91         | 3    |
| 2422MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 544.11M      | -40.17         | 2.39996G     | -33.52         | 2.50946G     | -46.37         | 24.49237G    | -41.79         | 4    |
| 2437MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 159.96M      | -39.35         | 2.39216G     | -41.41         | 2.4919G      | -39.36         | 16.71252G    | -42.58         | 1    |
| 2437MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 159.96M      | -40.29         | 2.3986G      | -30.87         | 2.4935G      | -41.94         | 16.37877G    | -42.07         | 2    |
| 2437MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 544.11M      | -40.37         | 2.3992G      | -36.74         | 2.48554G     | -42.67         | 16.79105G    | -41.73         | 3    |
| 2437MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 95.84M       | -39.04         | 2.39876G     | -36.50         | 2.48454G     | -35.73         | 24.41385G    | -41.39         | 4    |
| 2452MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 159.96M      | -39.45         | 2.39716G     | -47.87         | 2.48534G     | -35.93         | 21.87291G    | -41.37         | 1    |
| 2452MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 95.84M       | -39.41         | 2.39856G     | -47.17         | 2.49074G     | -33.34         | 24.52883G    | -41.87         | 2    |
| 2452MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 544.11M      | -39.82         | 2.3944G      | -47.86         | 2.48658G     | -42.34         | 23.12375G    | -42.33         | 3    |
| 2452MHz                           | Pass   | 2.42643G    | 10.09        | -19.91         | 95.84M       | -39.95         | 2.39596G     | -47.57         | 2.49258G     | -40.91         | 15.12794G    | -41.93         | 4    |

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

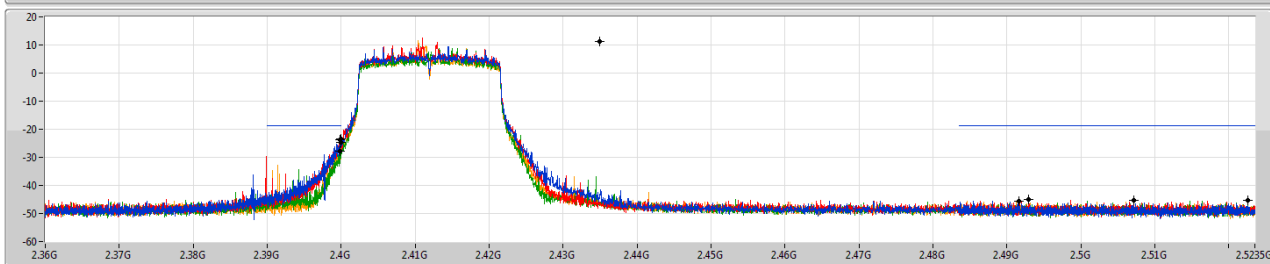
2412MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

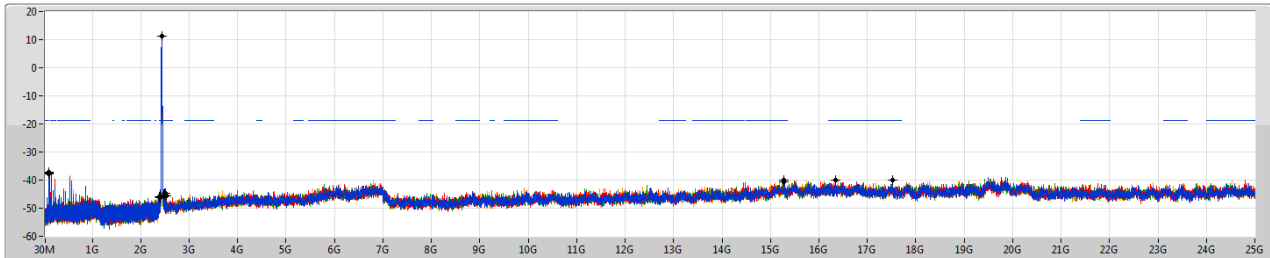
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43494G | 11.12    | -18.88     | 544.06M  | -38.71     | 2.3999G  | -24.71     | 2.49156G | -45.65     | 5.79102G  | -40.85     | 1    |
| 2.43494G | 11.12    | -18.88     | 95.82M   | -36.78     | 2.39994G | -23.32     | 2.50716G | -45.29     | 16.41117G | -39.31     | 2    |
| 2.43494G | 11.12    | -18.88     | 95.82M   | -38.00     | 2.3998G  | -27.69     | 2.4929G  | -44.99     | 6.97666G  | -40.66     | 3    |
| 2.43494G | 11.12    | -18.88     | 95.82M   | -36.99     | 2.39978G | -23.88     | 2.52256G | -45.16     | 24.94381G | -39.55     | 4    |

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

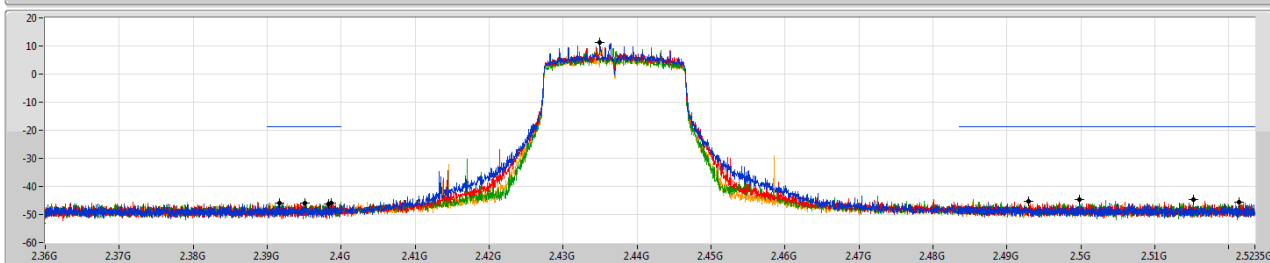
2437MHz

CSE NdB

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



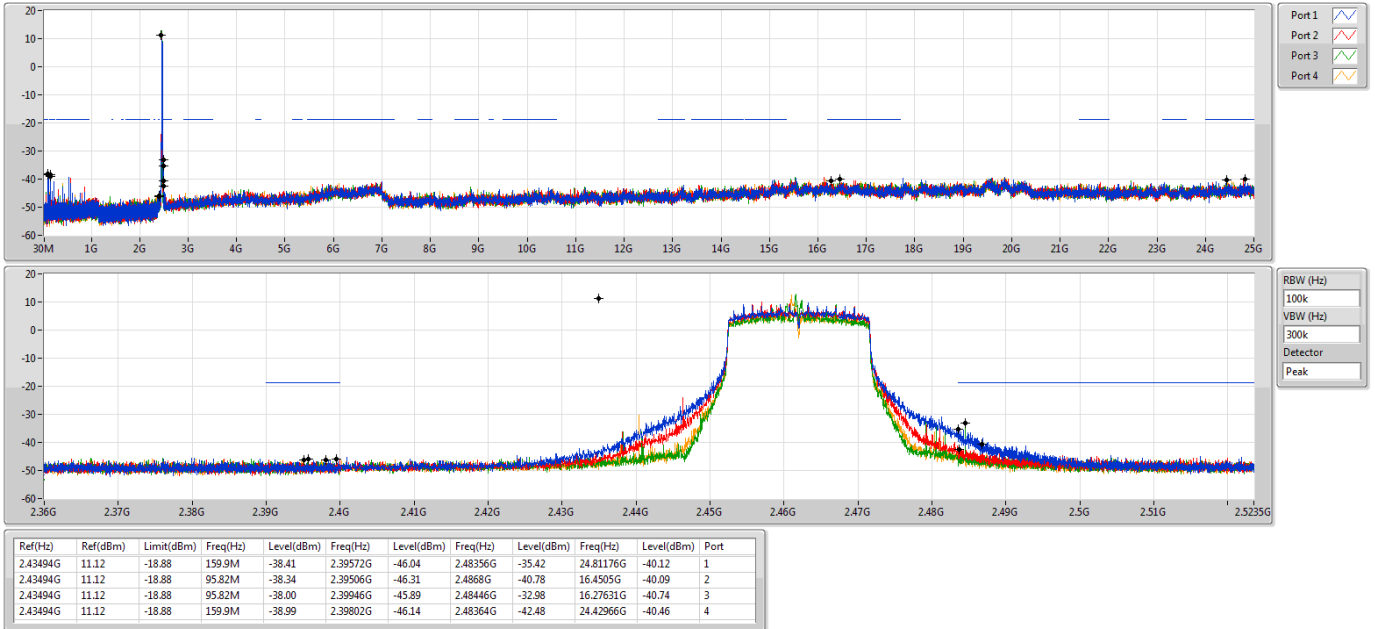
RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43494G | 11.12    | -18.88     | 95.82M   | -37.93     | 2.39504G | -45.91     | 2.52138G | -45.61     | 15.27049G | -40.63     | 1    |
| 2.43494G | 11.12    | -18.88     | 95.82M   | -37.45     | 2.3987G  | -45.94     | 2.49978G | -44.57     | 17.52375G | -39.98     | 2    |
| 2.43494G | 11.12    | -18.88     | 95.82M   | -37.79     | 2.39834G | -46.27     | 2.51516G | -44.76     | 16.34936G | -40.01     | 3    |
| 2.43494G | 11.12    | -18.88     | 95.82M   | -37.26     | 2.39168G | -45.92     | 2.49294G | -45.36     | 15.26768G | -40.14     | 4    |

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

CSE NdB

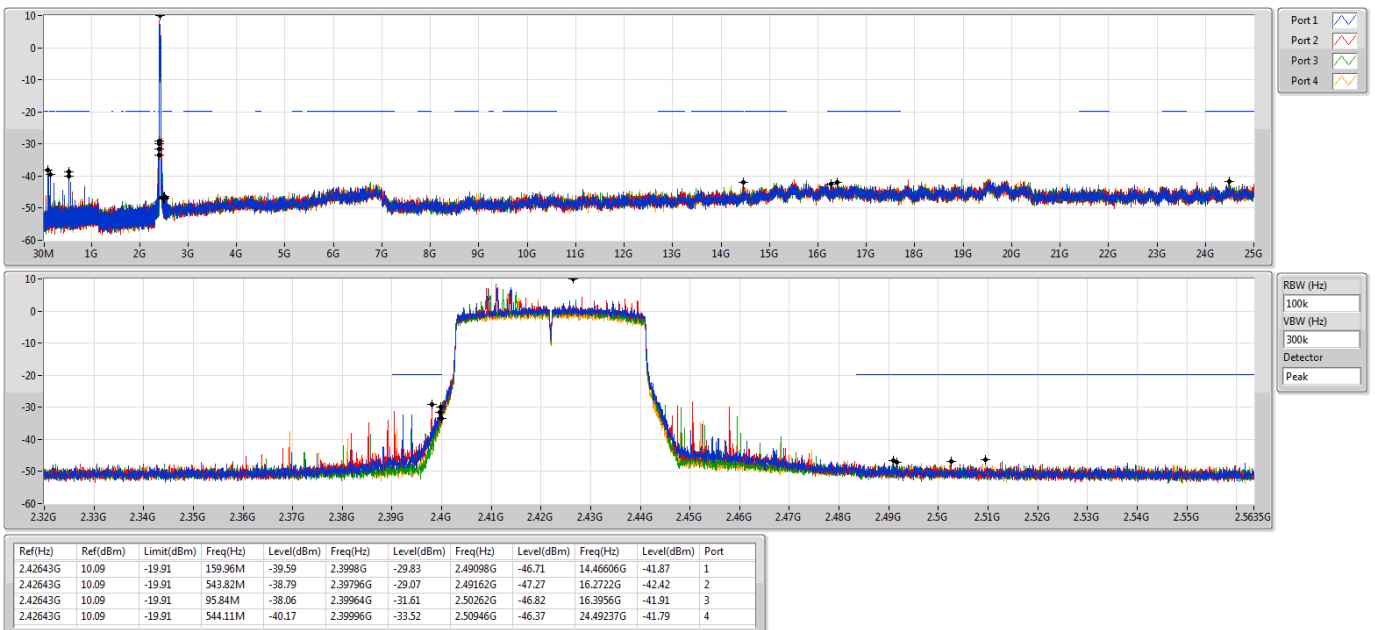
2462MHz



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

CSE NdB

2422MHz

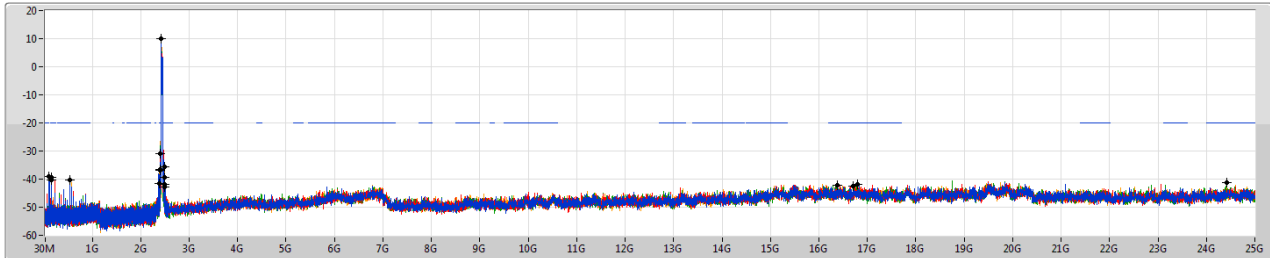


## 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

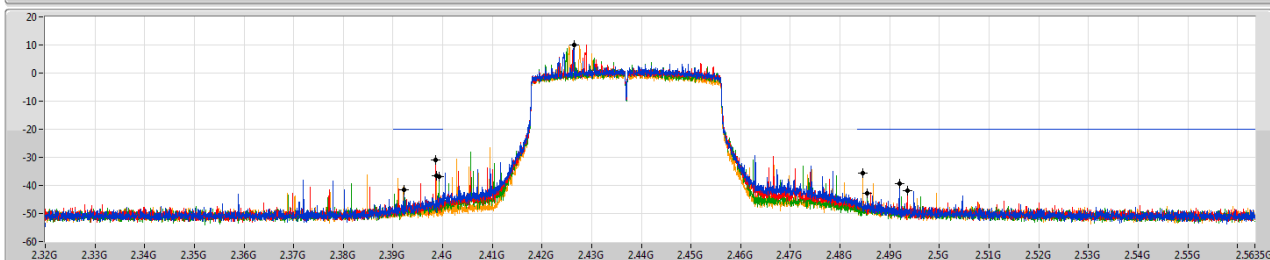
CSE NdB

2437MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

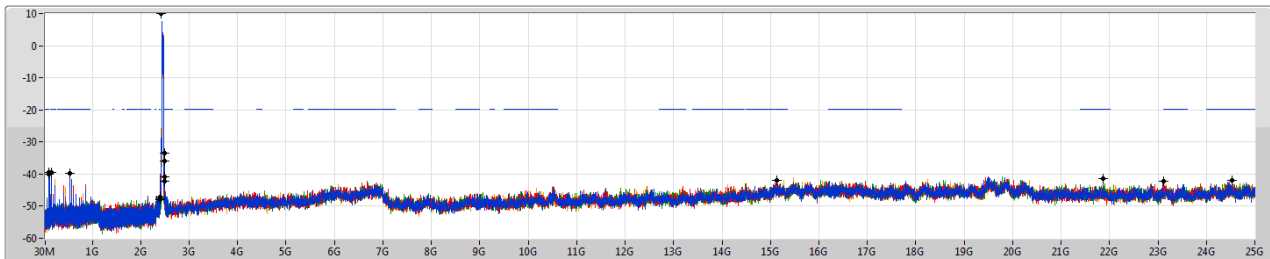
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42643G | 10.09    | -19.91     | 159.96M  | -39.35     | 2.39216G | -41.41     | 2.4919G  | -39.36     | 16.71252G | -42.58     | 1    |
| 2.42643G | 10.09    | -19.91     | 159.96M  | -40.29     | 2.3986G  | -30.87     | 2.4935G  | -41.94     | 16.37877G | -42.07     | 2    |
| 2.42643G | 10.09    | -19.91     | 544.11M  | -40.37     | 2.3992G  | -36.74     | 2.48554G | -42.67     | 16.79105G | -41.73     | 3    |
| 2.42643G | 10.09    | -19.91     | 95.84M   | -39.04     | 2.39876G | -36.50     | 2.48454G | -35.73     | 24.41385G | -41.39     | 4    |

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

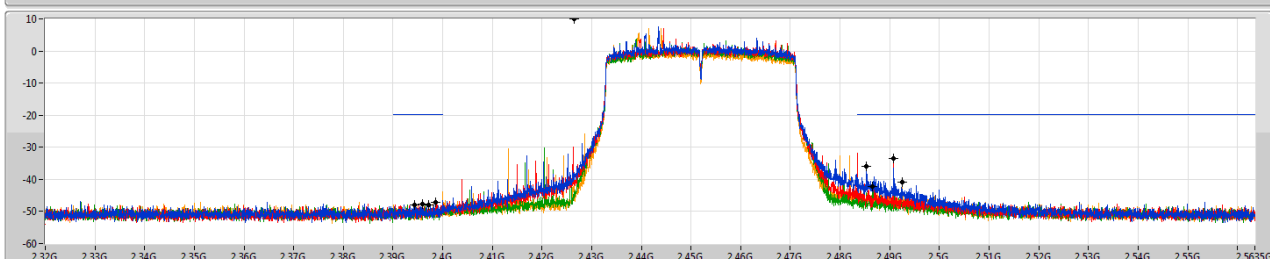
CSE NdB

2452MHz

19/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42643G | 10.09    | -19.91     | 159.96M  | -39.45     | 2.39716G | -47.87     | 2.48534G | -35.93     | 21.87291G | -41.37     | 1    |
| 2.42643G | 10.09    | -19.91     | 95.84M   | -39.41     | 2.39856G | -47.17     | 2.49074G | -33.34     | 24.52883G | -41.87     | 2    |
| 2.42643G | 10.09    | -19.91     | 544.11M  | -39.82     | 2.3944G  | -47.86     | 2.48658G | -42.34     | 23.12375G | -42.33     | 3    |
| 2.42643G | 10.09    | -19.91     | 95.84M   | -39.95     | 2.39596G | -47.57     | 2.49258G | -40.91     | 15.12794G | -41.93     | 4    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_1TX       | Pass   | 2.43749G    | 14.06        | -15.94         | 2.30845G     | -53.49         | 2.39948G     | -29.17         | 2.5118G      | -51.58         | 17.69514G    | -45.04         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | Pass   | 2.43198G    | 11.63        | -18.37         | 936.95M      | -53.69         | 2.39986G     | -27.56         | 2.4897G      | -51.64         | 24.84828G    | -46.12         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | Pass   | 2.44075G    | 10.18        | -19.82         | 896.47M      | -52.69         | 2.39998G     | -25.44         | 2.49656G     | -51.11         | 17.18661G    | -45.81         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | Pass   | 2.44196G    | 4.55         | -25.45         | 958.6M       | -53.98         | 2.39976G     | -30.91         | 2.48482G     | -50.49         | 24.80088G    | -44.87         | 1    |

**Result**

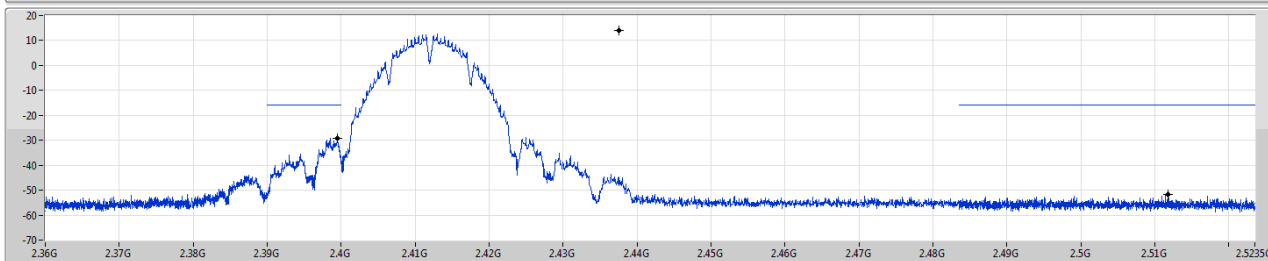
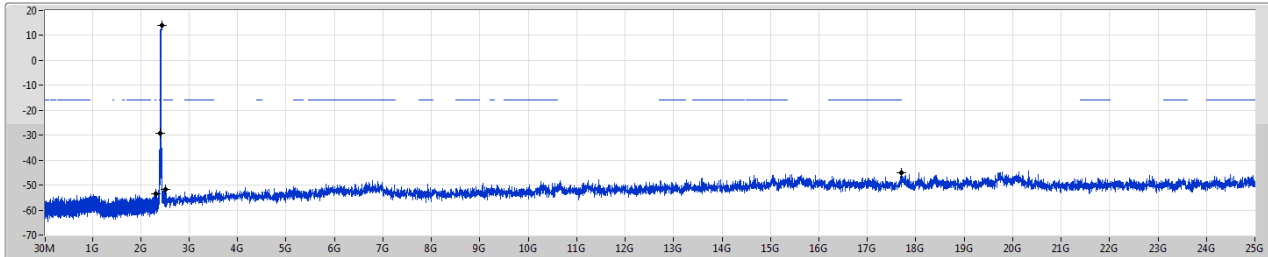
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43749G    | 14.06        | -15.94         | 2.30845G     | -53.49         | 2.39948G     | -29.17         | 2.5118G      | -51.58         | 17.69514G    | -45.04         | 1    |
| 2437MHz                        | Pass   | 2.43749G    | 14.06        | -15.94         | 2.12846G     | -52.81         | 2.39904G     | -36.40         | 2.48794G     | -45.63         | 17.69795G    | -46.23         | 1    |
| 2462MHz                        | Pass   | 2.43749G    | 14.06        | -15.94         | 1.894G       | -53.82         | 2.39604G     | -52.42         | 2.48352G     | -45.72         | 24.89886G    | -45.54         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43198G    | 11.63        | -18.37         | 936.95M      | -53.69         | 2.39986G     | -27.56         | 2.4897G      | -51.64         | 24.84828G    | -46.12         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 11.63        | -18.37         | 2.06089G     | -53.65         | 2.39986G     | -36.00         | 2.48364G     | -41.94         | 15.26768G    | -45.88         | 1    |
| 2462MHz                        | Pass   | 2.43198G    | 11.63        | -18.37         | 1.94089G     | -53.54         | 2.3925G      | -51.80         | 2.48448G     | -40.06         | 24.7949G     | -44.91         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44075G    | 10.18        | -19.82         | 896.47M      | -52.69         | 2.39998G     | -25.44         | 2.49656G     | -51.11         | 17.18661G    | -45.81         | 1    |
| 2437MHz                        | Pass   | 2.44075G    | 10.18        | -19.82         | 757.25M      | -53.60         | 2.3985G      | -35.37         | 2.4838G      | -42.57         | 24.52799G    | -46.13         | 1    |
| 2462MHz                        | Pass   | 2.44075G    | 10.18        | -19.82         | 945.11M      | -52.57         | 2.39064G     | -51.78         | 2.4836G      | -41.32         | 15.01762G    | -45.80         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.44196G    | 4.55         | -25.45         | 958.6M       | -53.98         | 2.39976G     | -30.91         | 2.48482G     | -50.49         | 24.80088G    | -44.87         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 4.55         | -25.45         | 2.30111G     | -53.47         | 2.3996G      | -35.14         | 2.4907G      | -40.54         | 17.69972G    | -45.30         | 1    |
| 2452MHz                        | Pass   | 2.44196G    | 4.55         | -25.45         | 1.88576G     | -53.52         | 2.39828G     | -47.74         | 2.48942G     | -38.97         | 15.03258G    | -45.72         | 1    |

802.11b\_Nss1,(1Mbps)\_1TX

2412MHz

CSE NdB

09/07/2019



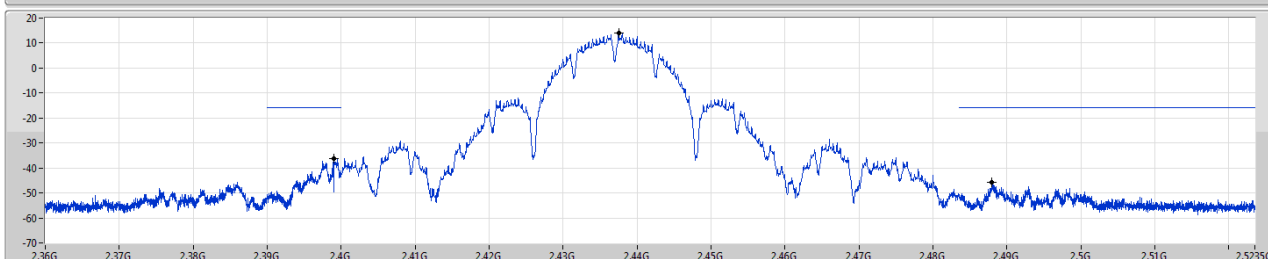
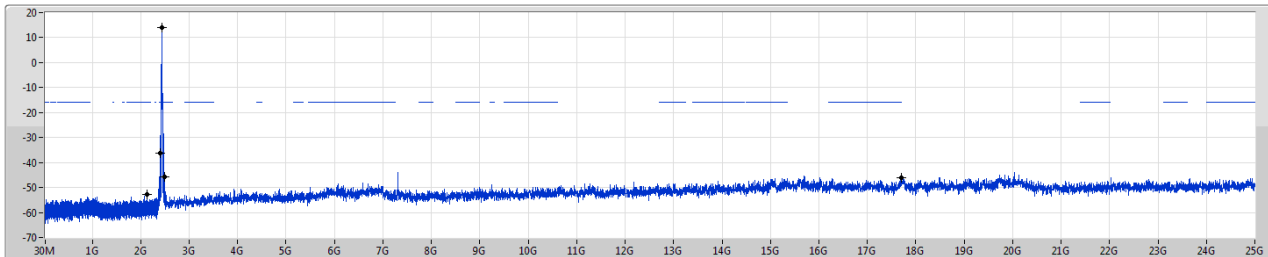
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43749G | 14.06    | -15.94     | 2.30845G | -53.49     | 2.39948G | -29.17     | 2.5118G  | -51.58     | 17.69514G | -45.04     | 1    |

802.11b\_Nss1,(1Mbps)\_1TX

2437MHz

CSE NdB

09/07/2019



| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43749G | 14.06    | -15.94     | 2.12846G | -52.81     | 2.39904G | -36.40     | 2.48794G | -45.63     | 17.69795G | -46.23     | 1    |

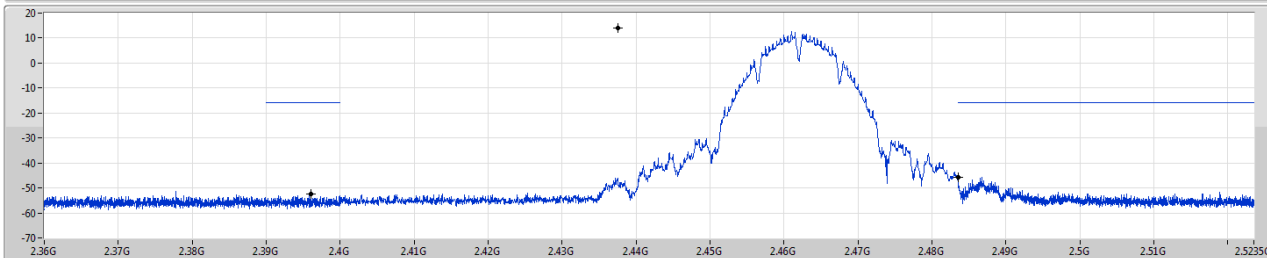
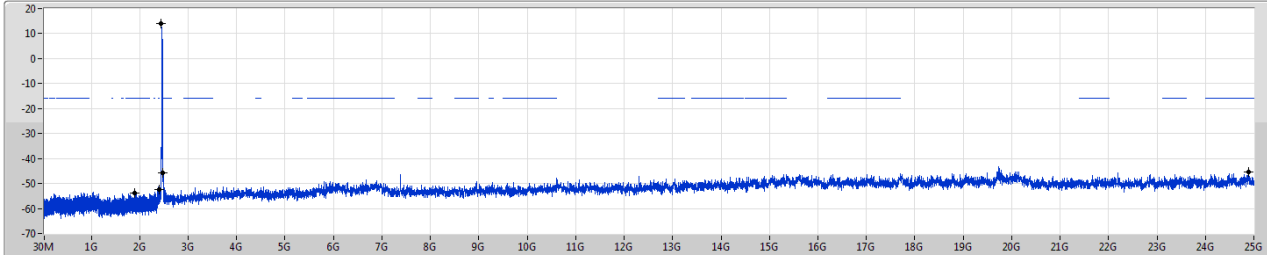
802.11b\_Nss1,(1Mbps)\_1TX

2462MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.43749G | 14.06    | -15.94     | 1.894G   | -53.82     | 2.39604G | -52.42     | 2.48352G | -45.72     | 2.49886G | -45.54     | 1    |

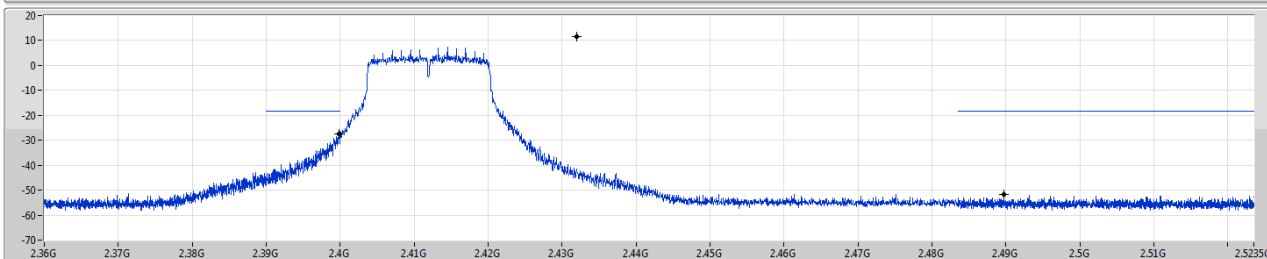
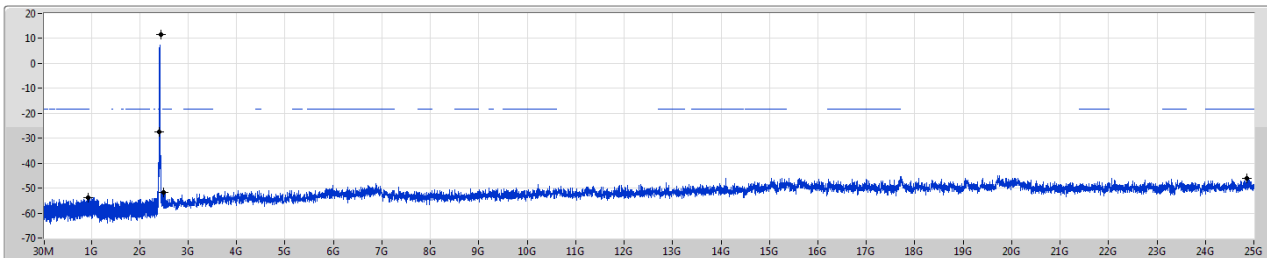
802.11g\_Nss1,(6Mbps)\_1TX

2412MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 11.63    | -18.37     | 936.95M  | -53.69     | 2.39986G | -27.56     | 2.4897G  | -51.64     | 2.484828G | -46.12     | 1    |

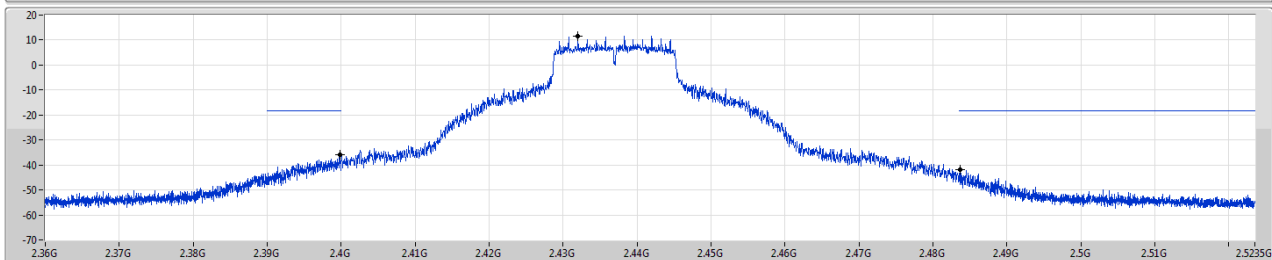
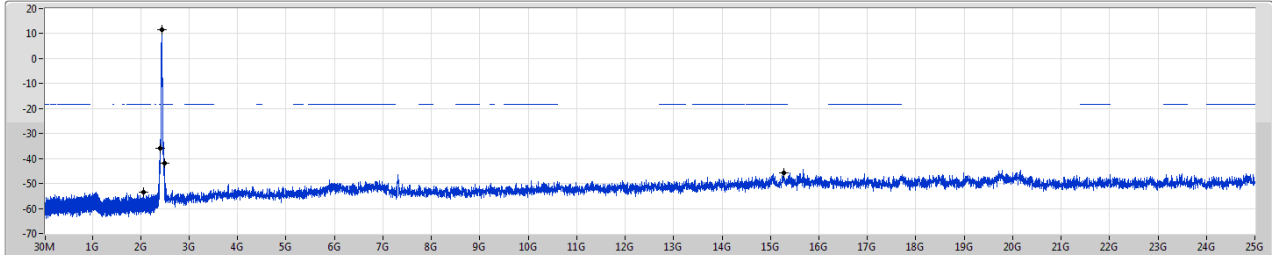
802.11g\_Nss1,(6Mbps)\_1TX

2437MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 11.63    | -18.37     | 2.06089G | -53.65     | 2.39986G | -36.00     | 2.48364G | -41.94     | 15.26768G | -45.88     | 1    |

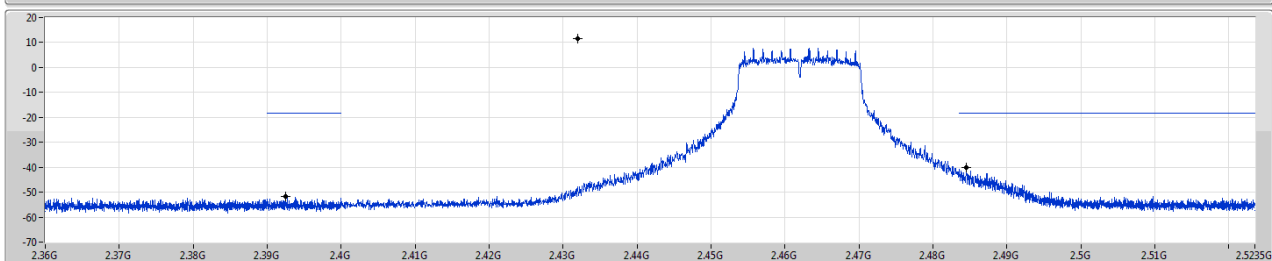
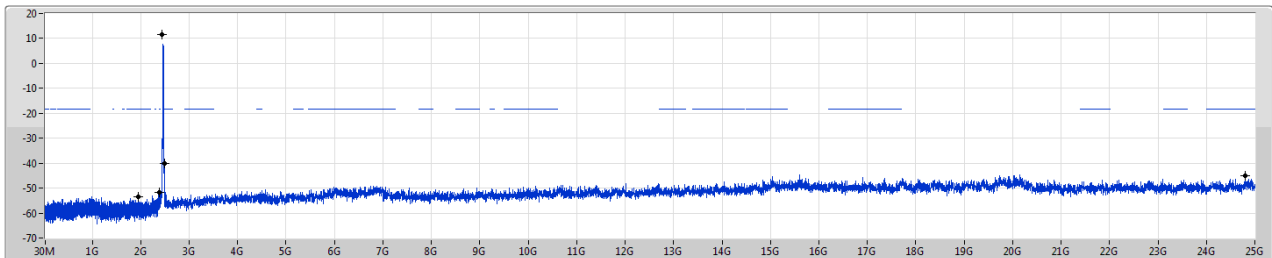
802.11g\_Nss1,(6Mbps)\_1TX

2462MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.43198G | 11.63    | -18.37     | 1.94089G | -53.54     | 2.3925G  | -51.80     | 2.48448G | -40.06     | 24.7949G | -44.91     | 1    |

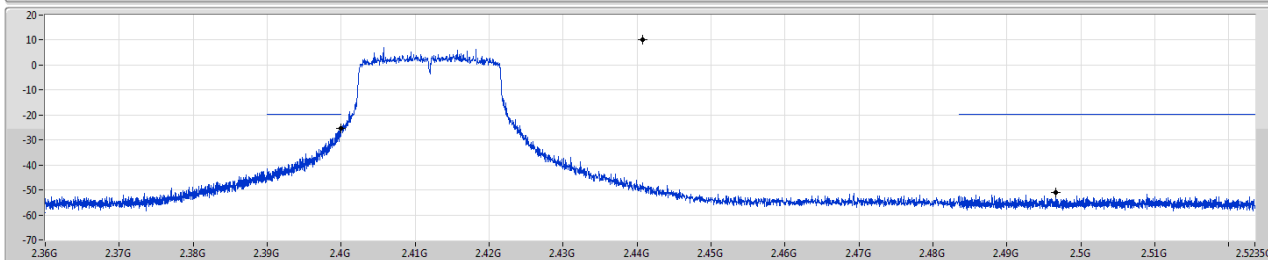
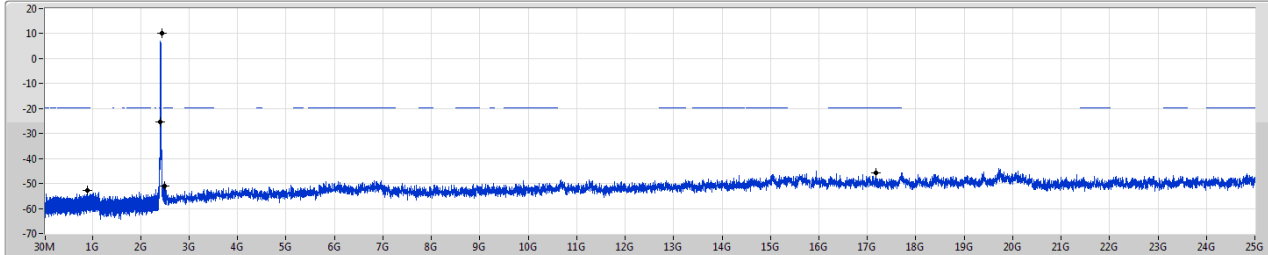
## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

2412MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44075G | 10.18    | -19.82     | 896.47M  | -52.69     | 2.39998G | -25.44     | 2.49656G | -51.11     | 17.18661G | -45.81     | 1    |

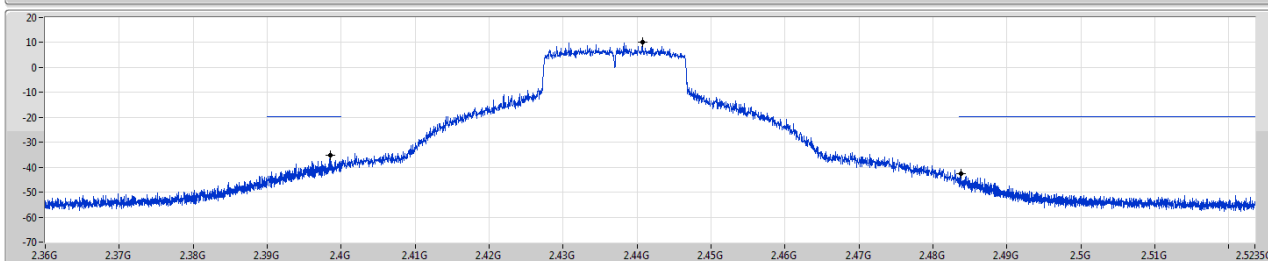
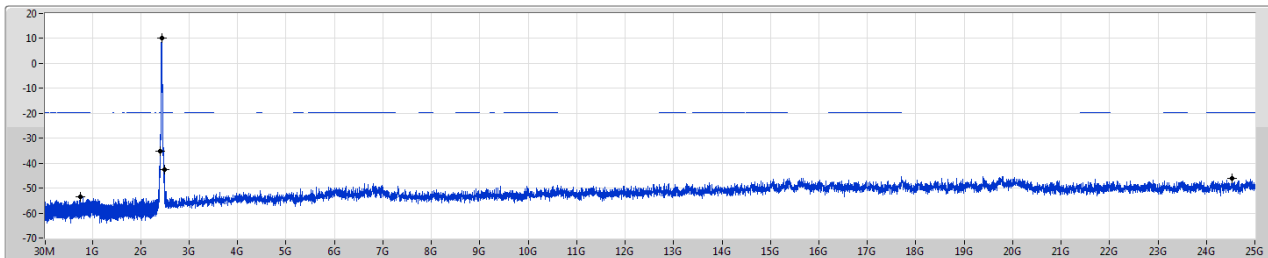
## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44075G | 10.18    | -19.82     | 757.25M  | -53.60     | 2.3985G  | -35.37     | 2.4838G  | -42.57     | 24.52799G | -46.13     | 1    |

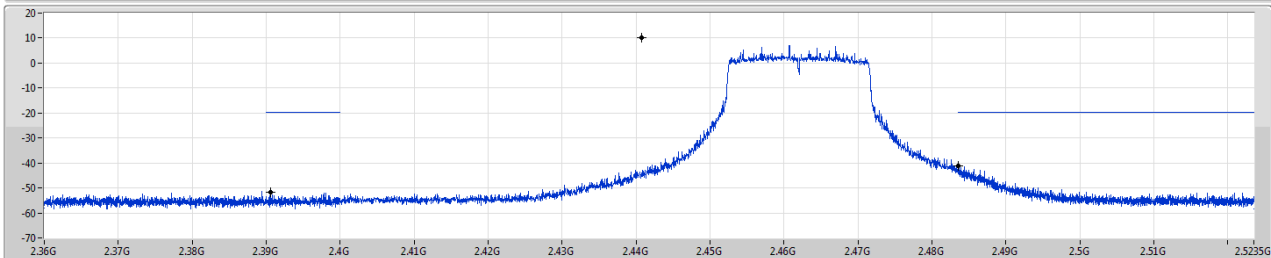
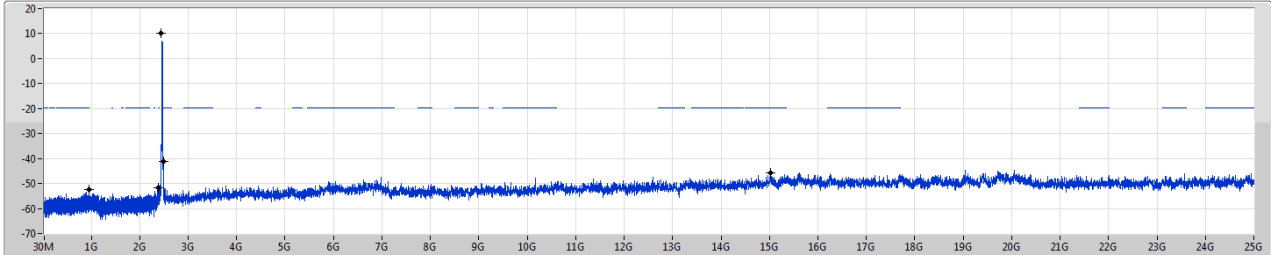
## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

2462MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44075G | 10.18    | -19.82     | 945.11M  | -52.57     | 2.39064G | -51.78     | 2.4836G  | -41.32     | 15.01762G | -45.80     | 1    |

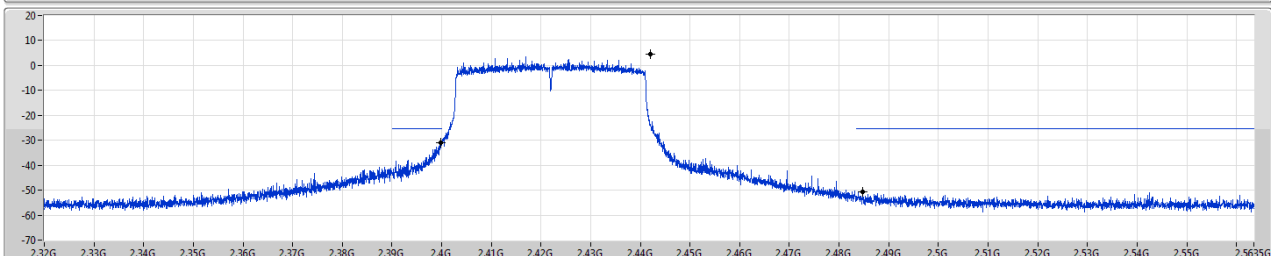
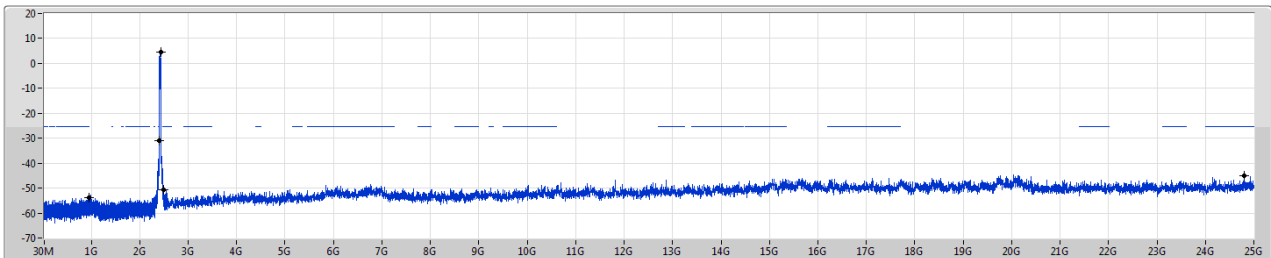
## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

2422MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 4.55     | -25.45     | 958.6M   | -53.98     | 2.39976G | -30.91     | 2.48482G | -50.49     | 24.80088G | -44.87     | 1    |

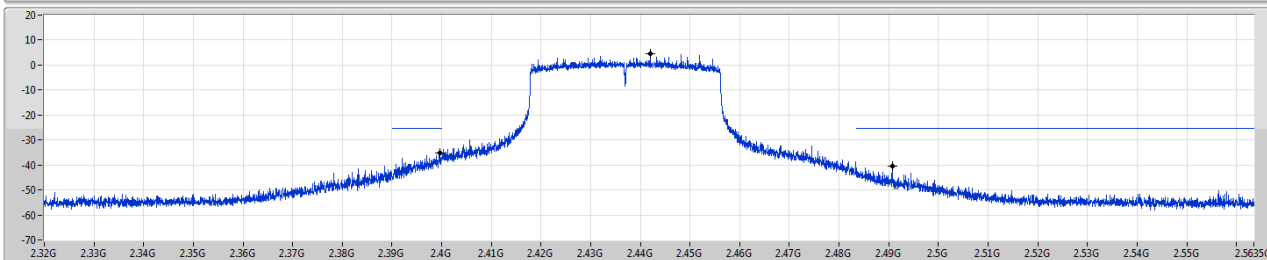
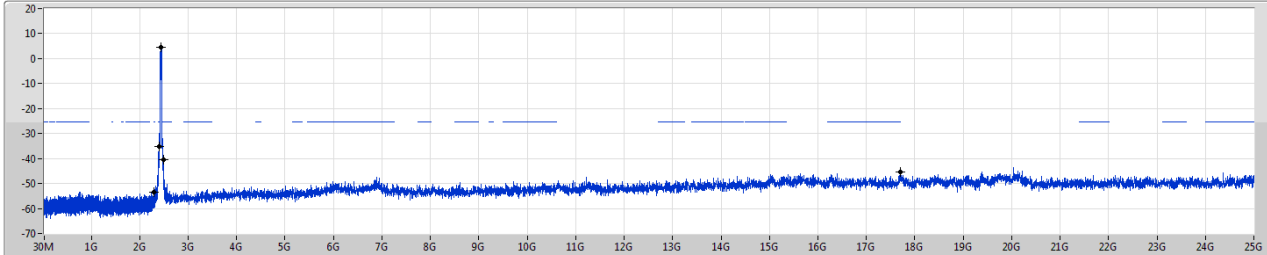
802.11ax HEW40\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 4.55     | -25.45     | 2.30111G | -53.47     | 2.3996G  | -35.14     | 2.4907G  | -40.54     | 17.69972G | -45.30     | 1    |

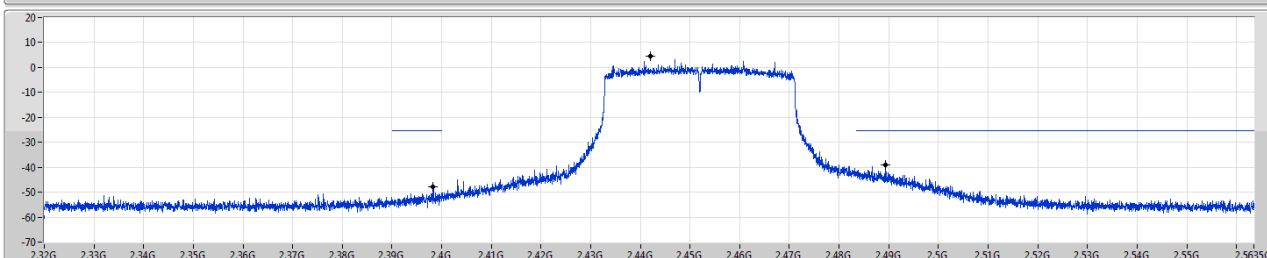
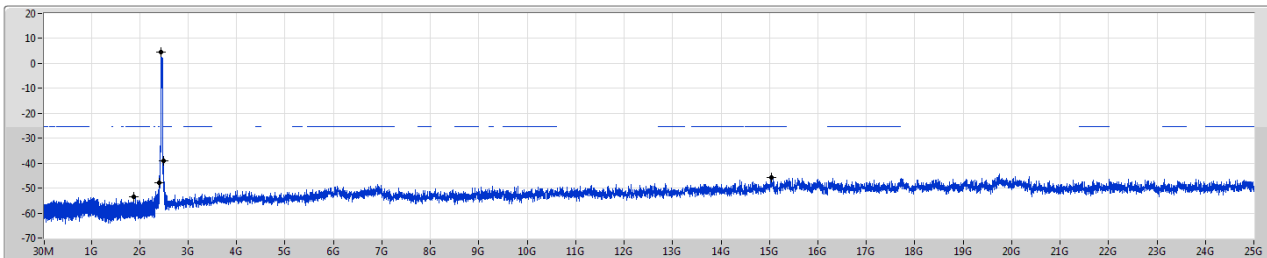
802.11ax HEW40\_Nss1,(MCS0)\_1TX

2452MHz

CSE NdB

09/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 4.55     | -25.45     | 1.88576G | -53.52     | 2.39828G | -47.74     | 2.48942G | -38.97     | 15.03258G | -45.72     | 1    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_2TX       | Pass   | 2.43645G    | 14.65        | -15.35         | 944.53M      | -52.97         | 2.39948G     | -29.16         | 2.52332G     | -51.55         | 17.32989G    | -45.16         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | Pass   | 2.44196G    | 13.20        | -16.80         | 1.80866G     | -52.06         | 2.39988G     | -27.00         | 2.4854G      | -50.42         | 17.69795G    | -45.37         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | 2.44196G    | 12.46        | -17.54         | 925.01M      | -52.54         | 2.39996G     | -25.67         | 2.4865G      | -50.68         | 16.8916G     | -44.25         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | 2.43194G    | 5.03         | -24.97         | 893.33M      | -52.50         | 2.3996G      | -29.77         | 2.53714G     | -50.84         | 15.05783G    | -45.08         | 2    |

**Result**

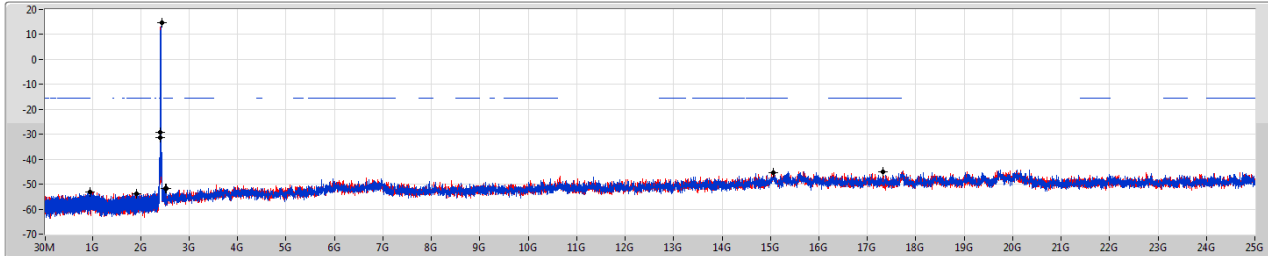
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43645G    | 14.65        | -15.35         | 1.90769G     | -53.73         | 2.39952G     | -31.27         | 2.5078G      | -51.78         | 15.06258G    | -45.35         | 1    |
| 2412MHz                        | Pass   | 2.43645G    | 14.65        | -15.35         | 944.53M      | -52.97         | 2.39948G     | -29.16         | 2.52332G     | -51.55         | 17.32989G    | -45.16         | 2    |
| 2437MHz                        | Pass   | 2.43645G    | 14.65        | -15.35         | 935.79M      | -53.24         | 2.399G       | -35.02         | 2.48798G     | -46.19         | 24.46899G    | -45.01         | 1    |
| 2437MHz                        | Pass   | 2.43645G    | 14.65        | -15.35         | 826.57M      | -53.30         | 2.39898G     | -30.82         | 2.48444G     | -41.38         | 14.62148G    | -42.99         | 2    |
| 2462MHz                        | Pass   | 2.43645G    | 14.65        | -15.35         | 942.49M      | -52.88         | 2.39332G     | -52.08         | 2.48698G     | -47.40         | 15.28453G    | -44.63         | 1    |
| 2462MHz                        | Pass   | 2.43645G    | 14.65        | -15.35         | 800.07M      | -52.73         | 2.39482G     | -52.63         | 2.48644G     | -48.35         | 17.68952G    | -44.90         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 13.20        | -16.80         | 922.39M      | -52.86         | 2.39984G     | -28.44         | 2.52264G     | -51.17         | 24.84266G    | -45.25         | 1    |
| 2412MHz                        | Pass   | 2.44196G    | 13.20        | -16.80         | 1.80866G     | -52.06         | 2.39988G     | -27.00         | 2.4854G      | -50.42         | 17.69795G    | -45.37         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 13.20        | -16.80         | 2.14651G     | -52.80         | 2.39702G     | -37.27         | 2.4842G      | -43.41         | 24.85109G    | -43.80         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 13.20        | -16.80         | 2.12234G     | -52.37         | 2.39824G     | -35.15         | 2.48444G     | -41.76         | 15.02886G    | -44.93         | 2    |
| 2462MHz                        | Pass   | 2.44196G    | 13.20        | -16.80         | 747.64M      | -52.52         | 2.39238G     | -51.14         | 2.48356G     | -45.21         | 17.36642G    | -44.64         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 13.20        | -16.80         | 1.9872G      | -52.78         | 2.39978G     | -50.90         | 2.48446G     | -47.07         | 15.04572G    | -45.21         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 12.46        | -17.54         | 925.01M      | -52.54         | 2.39996G     | -25.67         | 2.4865G      | -50.68         | 16.8916G     | -44.25         | 1    |
| 2412MHz                        | Pass   | 2.44196G    | 12.46        | -17.54         | 2.1238G      | -52.67         | 2.3999G      | -26.55         | 2.51056G     | -50.92         | 21.75215G    | -45.01         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 12.46        | -17.54         | 572.31M      | -53.12         | 2.39998G     | -36.81         | 2.4863G      | -46.78         | 24.823G      | -45.22         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 12.46        | -17.54         | 1.99623G     | -52.54         | 2.39844G     | -35.33         | 2.4837G      | -41.85         | 15.32949G    | -45.35         | 2    |
| 2462MHz                        | Pass   | 2.44196G    | 12.46        | -17.54         | 1.94701G     | -52.65         | 2.3929G      | -51.29         | 2.48408G     | -41.68         | 15.34915G    | -45.30         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 12.46        | -17.54         | 742.11M      | -52.88         | 2.39368G     | -50.87         | 2.48362G     | -42.53         | 16.24821G    | -44.58         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.43194G    | 5.03         | -24.97         | 837.51M      | -53.28         | 2.39964G     | -31.16         | 2.54122G     | -48.83         | 15.03819G    | -44.85         | 1    |
| 2422MHz                        | Pass   | 2.43194G    | 5.03         | -24.97         | 893.33M      | -52.50         | 2.3996G      | -29.77         | 2.53714G     | -50.84         | 15.05783G    | -45.08         | 2    |
| 2437MHz                        | Pass   | 2.43194G    | 5.03         | -24.97         | 823.2M       | -52.35         | 2.39704G     | -39.14         | 2.48454G     | -41.54         | 15.26256G    | -44.89         | 1    |
| 2437MHz                        | Pass   | 2.43194G    | 5.03         | -24.97         | 2.30712G     | -53.20         | 2.3992G      | -37.80         | 2.48598G     | -44.42         | 24.83173G    | -45.46         | 2    |
| 2452MHz                        | Pass   | 2.43194G    | 5.03         | -24.97         | 1.95732G     | -53.24         | 2.39888G     | -51.96         | 2.48486G     | -42.79         | 15.06624G    | -44.76         | 1    |
| 2452MHz                        | Pass   | 2.43194G    | 5.03         | -24.97         | 554.98M      | -53.08         | 2.3992G      | -52.56         | 2.48574G     | -44.34         | 15.00454G    | -44.78         | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

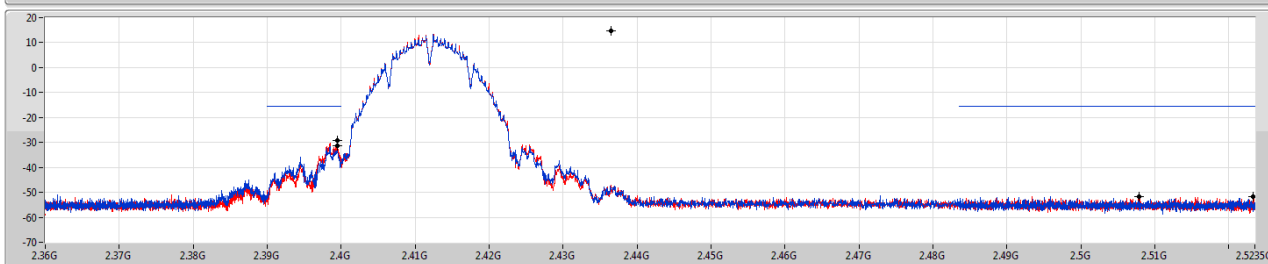
2412MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

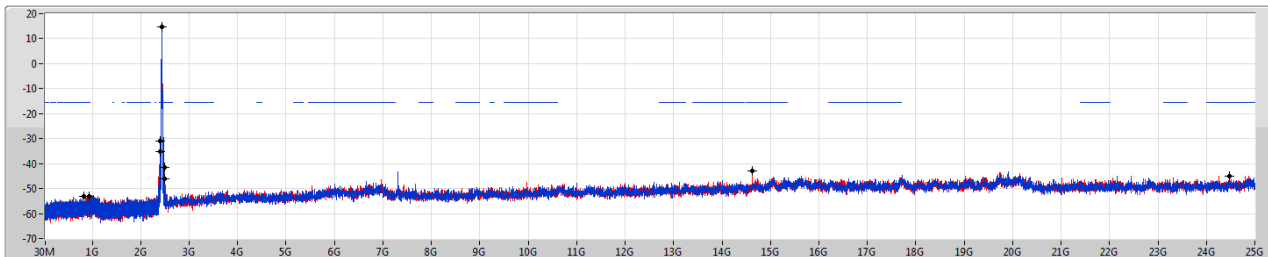
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43645G | 14.65    | -15.35     | 1.90769G | -53.73     | 2.39952G | -31.27     | 2.5078G  | -51.78     | 15.06258G | -45.35     | 1    |
| 2.43645G | 14.65    | -15.35     | 944.53M  | -52.97     | 2.39948G | -29.16     | 2.52332G | -51.55     | 17.32989G | -45.16     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

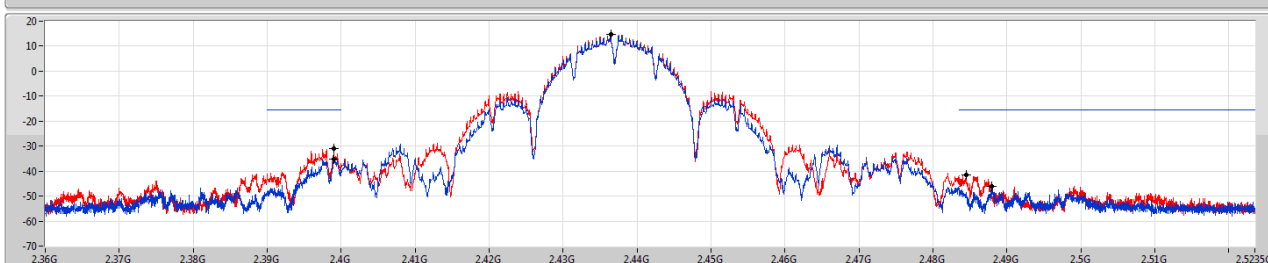
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

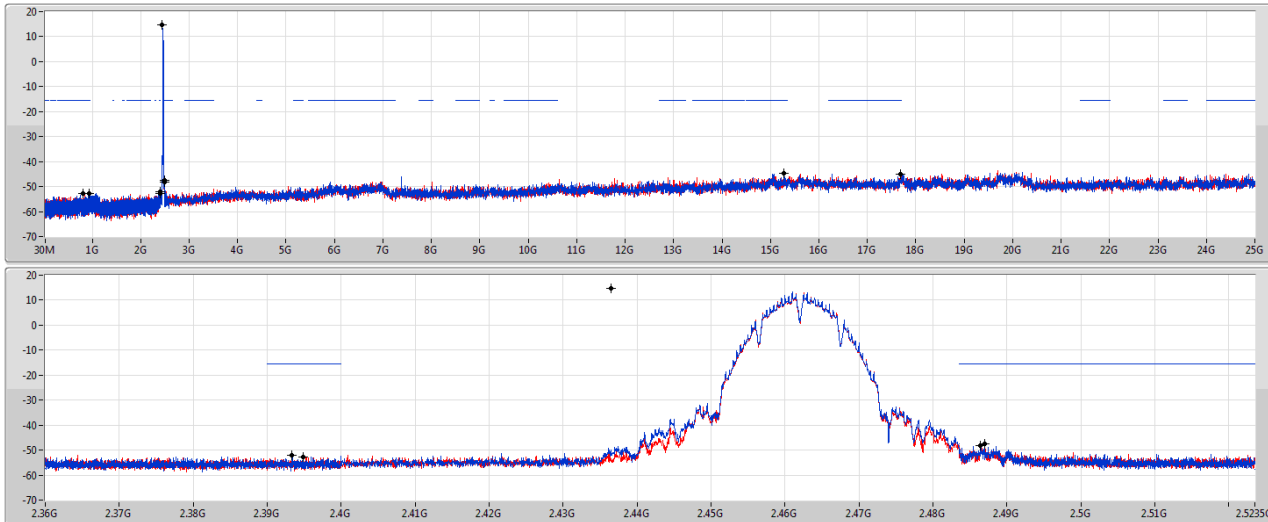
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43645G | 14.65    | -15.35     | 935.79M  | -53.24     | 2.399G   | -35.02     | 2.48798G | -46.19     | 24.46899G | -45.01     | 1    |
| 2.43645G | 14.65    | -15.35     | 826.57M  | -53.30     | 2.39898G | -30.82     | 2.48444G | -41.38     | 14.62148G | -42.99     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

2462MHz

CSE NdB

08/07/2019



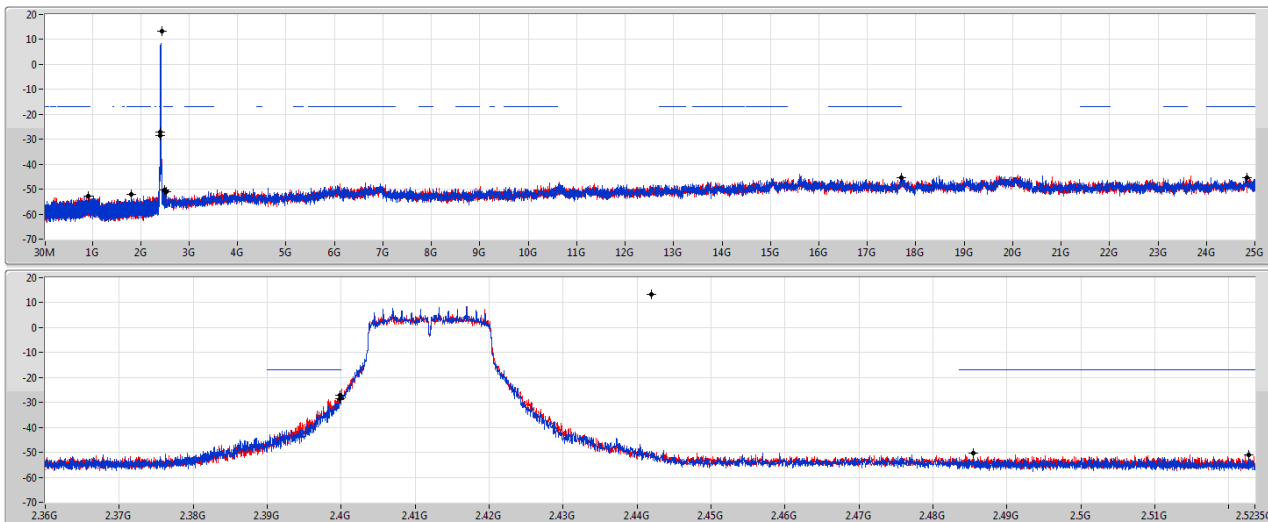
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43645G | 14.65    | -15.35     | 942.49M  | -52.88     | 2.39332G | -52.08     | 2.48698G | -47.40     | 15.28453G | -44.63     | 1    |
| 2.43645G | 14.65    | -15.35     | 800.07M  | -52.73     | 2.39482G | -52.63     | 2.48644G | -48.35     | 17.68952G | -44.90     | 2    |

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

2412MHz

CSE NdB

08/07/2019



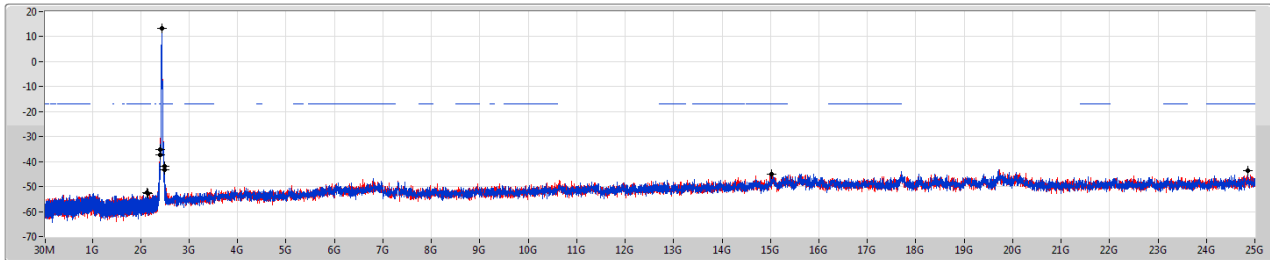
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 13.20    | -16.80     | 922.39M  | -52.86     | 2.39984G | -28.44     | 2.52264G | -51.17     | 24.84266G | -45.25     | 1    |
| 2.44196G | 13.20    | -16.80     | 1.80866G | -52.06     | 2.39988G | -27.00     | 2.4854G  | -50.42     | 17.69795G | -45.37     | 2    |

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

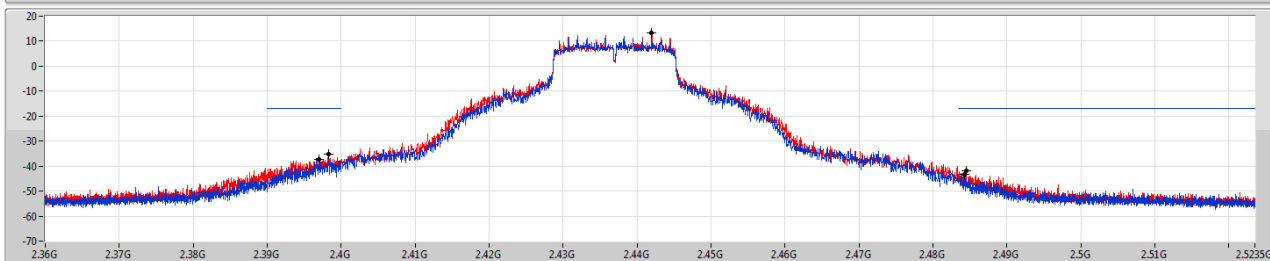
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

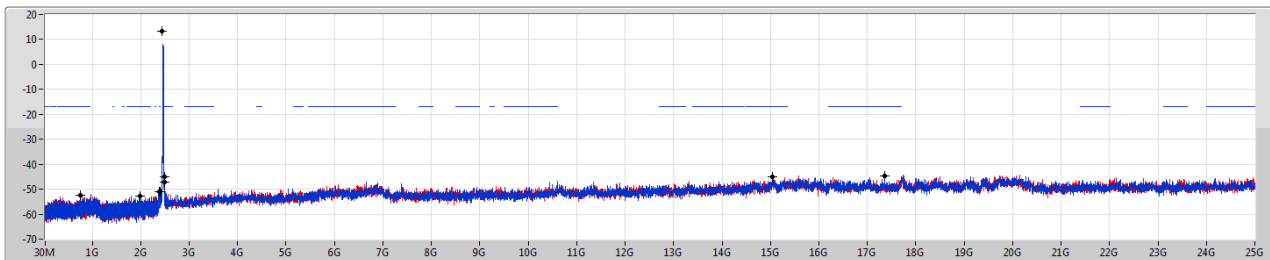
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 13.20    | -16.80     | 2.14651G | -52.80     | 2.39702G | -37.27     | 2.4842G  | -43.41     | 2.485109G | -43.80     | 1    |
| 2.44196G | 13.20    | -16.80     | 2.12234G | -52.37     | 2.39824G | -35.15     | 2.48444G | -41.76     | 15.02886G | -44.93     | 2    |

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

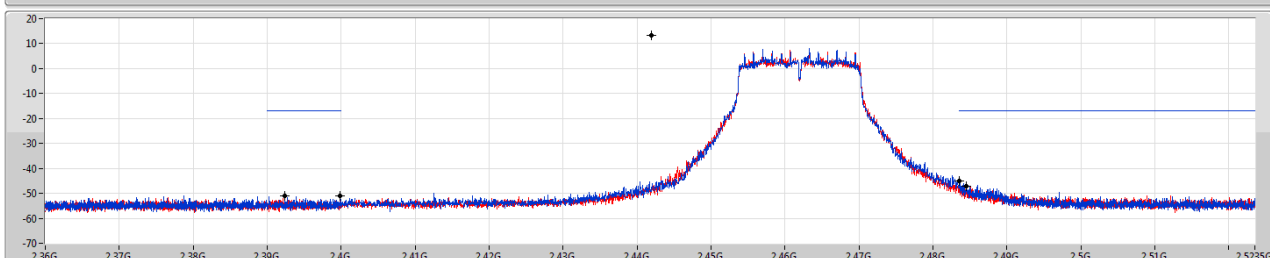
2462MHz

CSE NdB

08/07/2019



Port 1  
Port 2



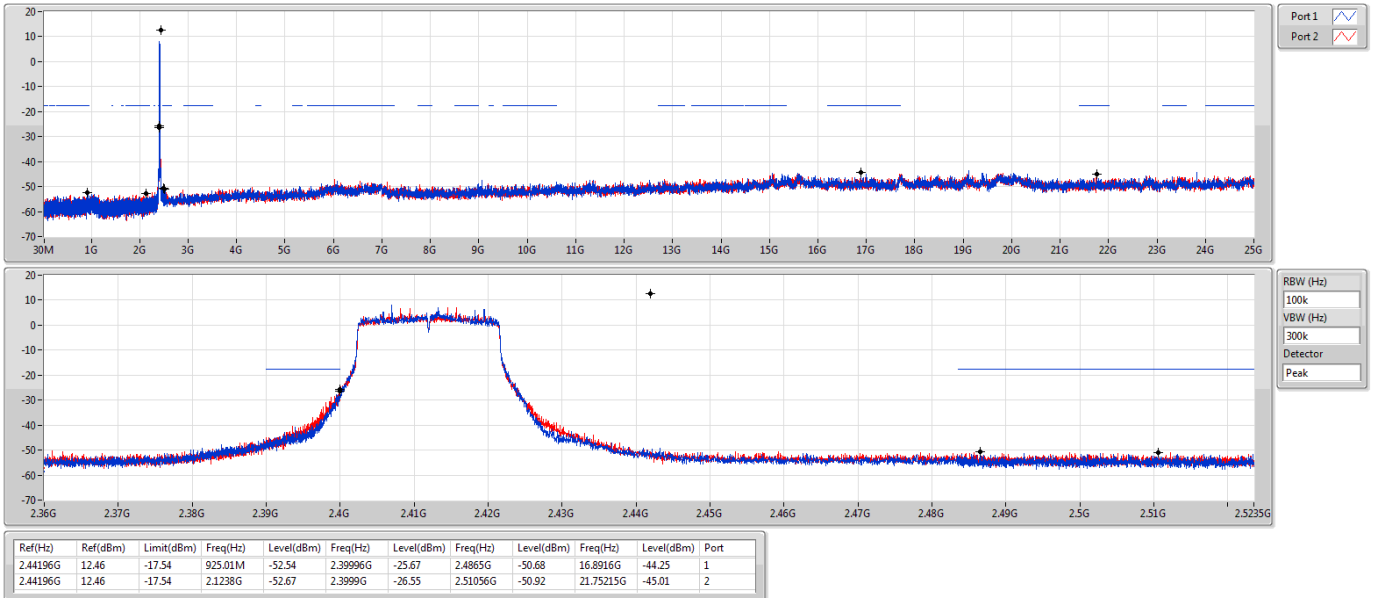
RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 13.20    | -16.80     | 747.64M  | -52.52     | 2.39238G | -51.14     | 2.48356G | -45.21     | 17.36642G | -44.64     | 1    |
| 2.44196G | 13.20    | -16.80     | 1.9872G  | -52.78     | 2.39978G | -50.90     | 2.48446G | -47.07     | 15.04572G | -45.21     | 2    |

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

CSE NdB

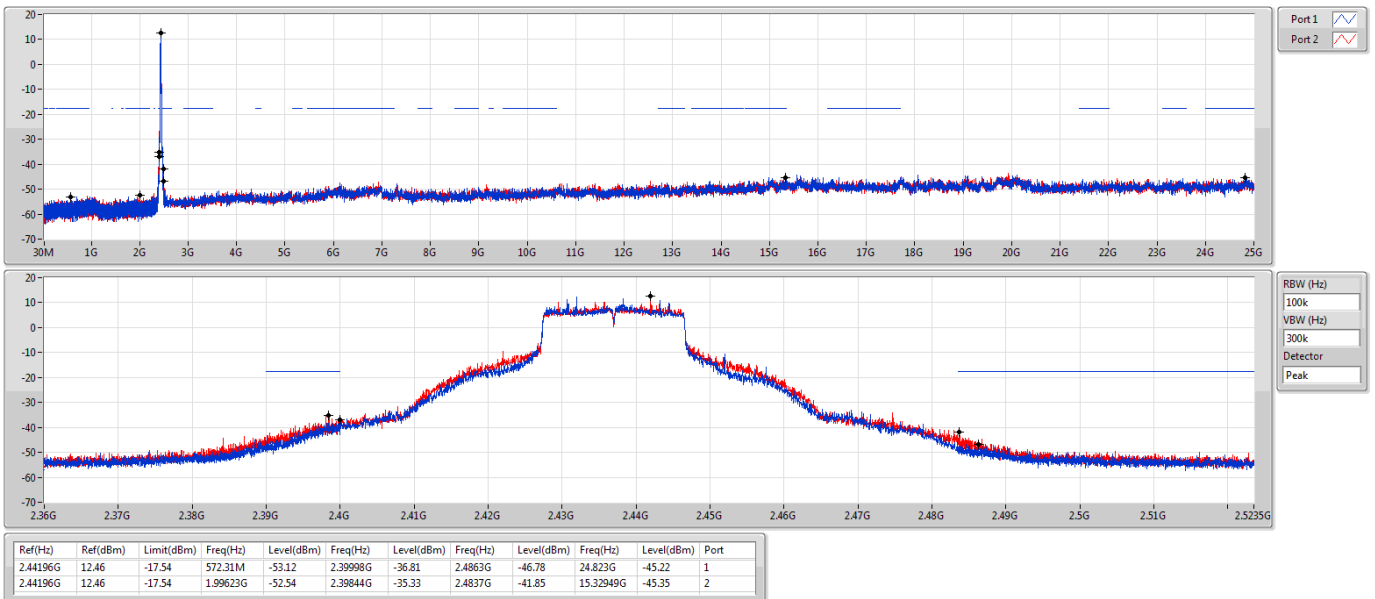
2412MHz



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

CSE NdB

2437MHz

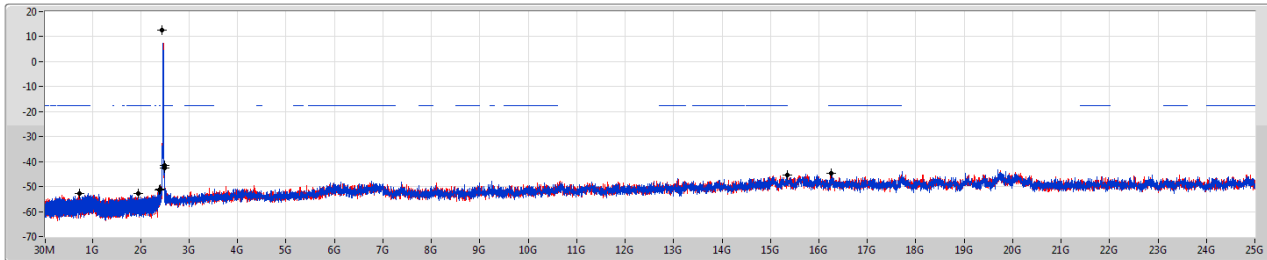


## 802.11ax HEW20\_Nss1,(MCS0)\_2TX

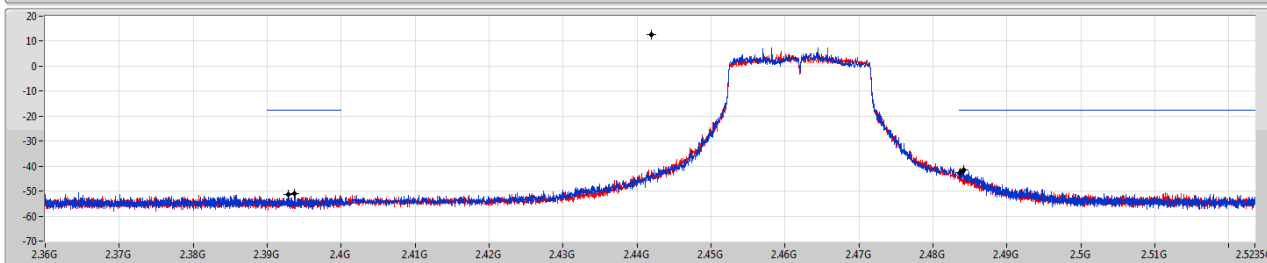
2462MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

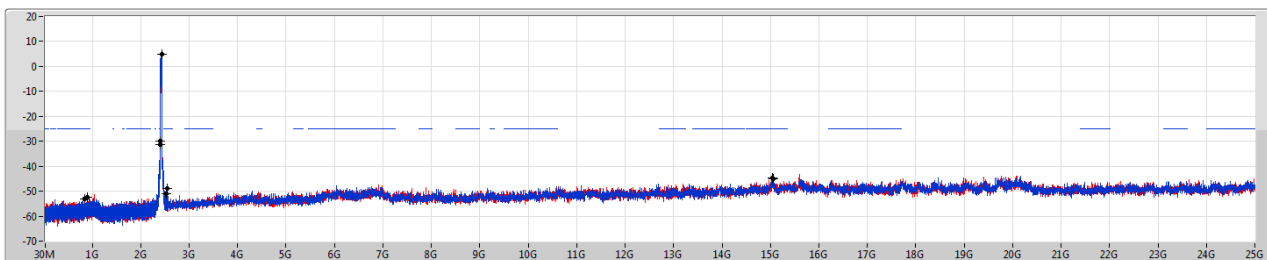
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.46    | -17.54     | 1.94701G | -52.65     | 2.3929G  | -51.29     | 2.48408G | -41.68     | 15.34915G | -45.30     | 1    |
| 2.44196G | 12.46    | -17.54     | 742.11M  | -52.88     | 2.39368G | -50.87     | 2.48362G | -42.53     | 16.24821G | -44.58     | 2    |

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

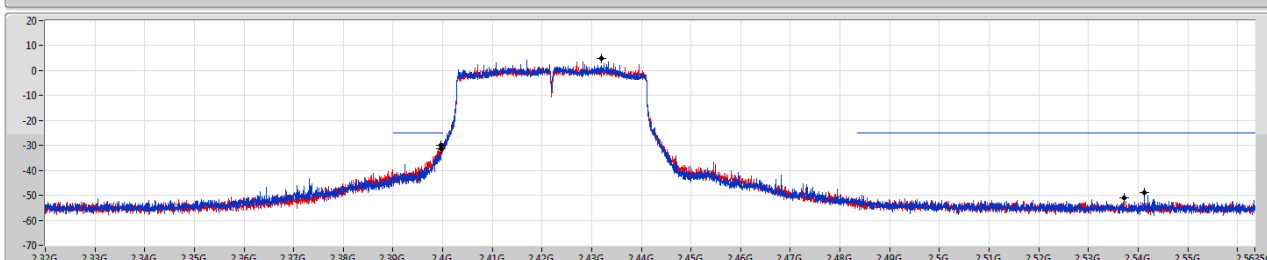
2422MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

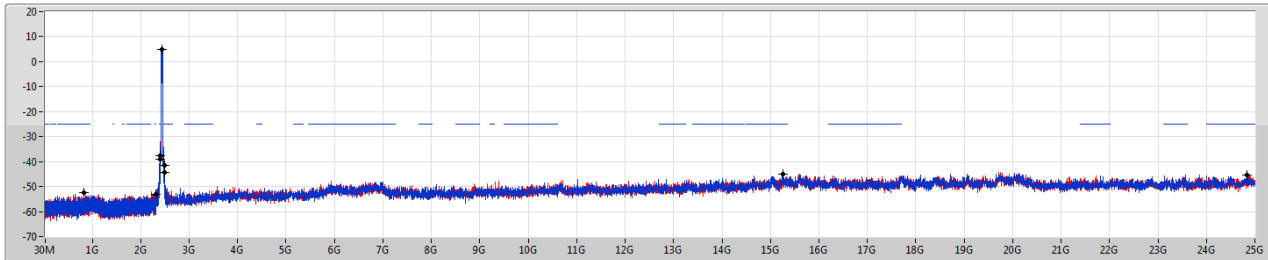
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43194G | 5.03     | -24.97     | 837.51M  | -53.28     | 2.39964G | -31.16     | 2.54122G | -48.83     | 15.03819G | -44.85     | 1    |
| 2.43194G | 5.03     | -24.97     | 893.33M  | -52.50     | 2.3996G  | -29.77     | 2.53714G | -50.84     | 15.05783G | -45.08     | 2    |

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

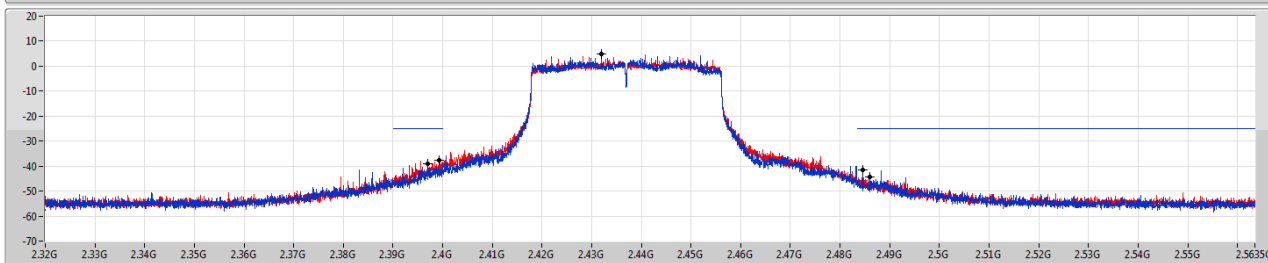
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

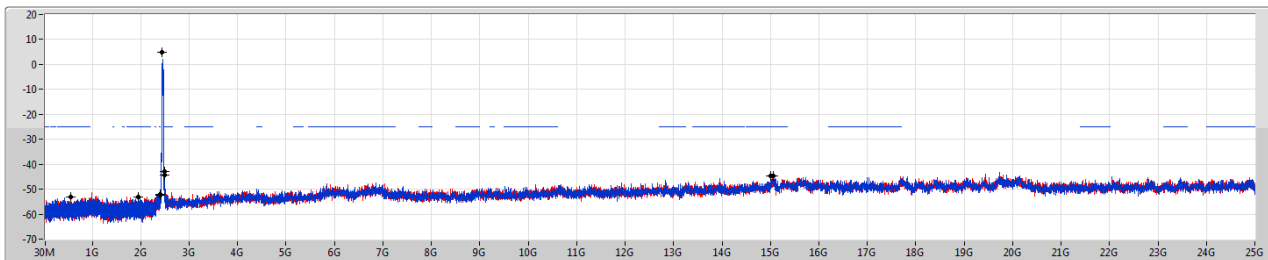
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43194G | 5.03     | -24.97     | 823.2M   | -52.35     | 2.39704G | -39.14     | 2.48454G | -41.54     | 15.26256G | -44.89     | 1    |
| 2.43194G | 5.03     | -24.97     | 2.30712G | -53.20     | 2.3992G  | -37.80     | 2.48598G | -44.42     | 24.83173G | -45.46     | 2    |

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

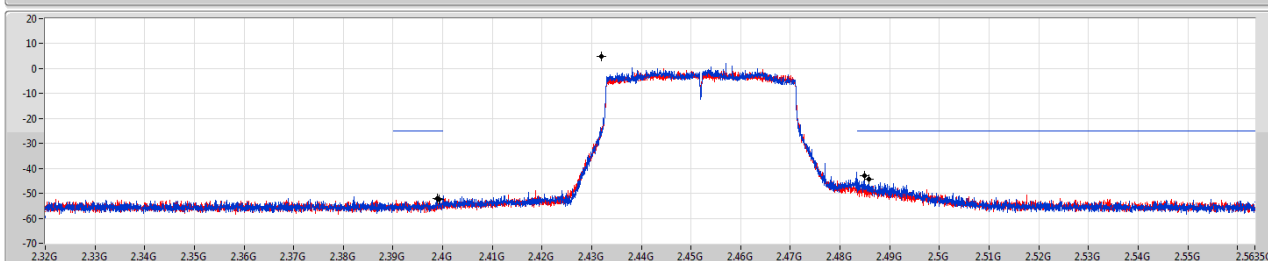
2452MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43194G | 5.03     | -24.97     | 1.95732G | -53.24     | 2.39888G | -51.96     | 2.48486G | -42.79     | 15.06624G | -44.76     | 1    |
| 2.43194G | 5.03     | -24.97     | 554.98M  | -53.08     | 2.3992G  | -52.56     | 2.48574G | -44.34     | 15.00454G | -44.78     | 2    |



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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1.(MCS0)_2TX | Pass   | 2.442G      | 9.10         | -20.90         | 2.00031G     | -47.77         | 2.39988G     | -25.95         | 2.51704G     | -46.58         | 16.45612G    | -39.88         | 1    |
| 802.11ax HEW40-BF_Nss1.(MCS0)_2TX | Pass   | 2.42601G    | 10.39        | -19.61         | 379.51M      | -48.19         | 2.39604G     | -26.82         | 2.5003G      | -47.17         | 16.33951G    | -39.90         | 2    |

**Result**

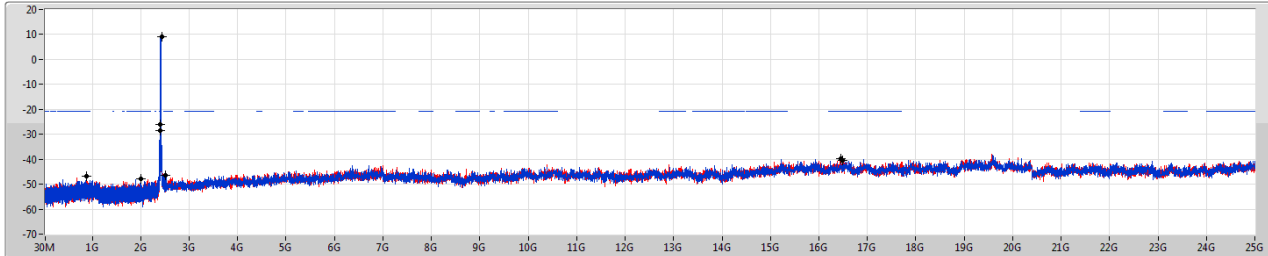
| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1.(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.442G      | 9.10         | -20.90         | 2.00031G     | -47.77         | 2.39988G     | -25.95         | 2.51704G     | -46.58         | 16.45612G    | -39.88         | 1    |
| 2412MHz                           | Pass   | 2.442G      | 9.10         | -20.90         | 877.25M      | -46.75         | 2.39922G     | -28.57         | 2.50938G     | -46.57         | 16.49264G    | -40.38         | 2    |
| 2437MHz                           | Pass   | 2.442G      | 9.10         | -20.90         | 825.7M       | -48.60         | 2.39176G     | -47.76         | 2.48422G     | -46.29         | 16.58255G    | -40.06         | 1    |
| 2437MHz                           | Pass   | 2.442G      | 9.10         | -20.90         | 807.64M      | -48.24         | 2.39714G     | -46.04         | 2.5036G      | -46.14         | 16.60784G    | -38.87         | 2    |
| 2462MHz                           | Pass   | 2.442G      | 9.10         | -20.90         | 1.9738G      | -47.66         | 2.39066G     | -47.99         | 2.48418G     | -42.84         | 24.92695G    | -40.08         | 1    |
| 2462MHz                           | Pass   | 2.442G      | 9.10         | -20.90         | 345.42M      | -48.30         | 2.39546G     | -47.18         | 2.48606G     | -44.95         | 16.49545G    | -40.32         | 2    |
| 802.11ax HEW40-BF_Nss1.(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.42601G    | 10.39        | -19.61         | 684.37M      | -47.74         | 2.39824G     | -26.88         | 2.48638G     | -43.13         | 15.25415G    | -40.68         | 1    |
| 2422MHz                           | Pass   | 2.42601G    | 10.39        | -19.61         | 379.51M      | -48.19         | 2.39604G     | -26.82         | 2.5003G      | -47.17         | 16.33951G    | -39.90         | 2    |
| 2437MHz                           | Pass   | 2.42601G    | 10.39        | -19.61         | 848.96M      | -48.27         | 2.39576G     | -33.84         | 2.48818G     | -38.53         | 16.42926G    | -39.83         | 1    |
| 2437MHz                           | Pass   | 2.42601G    | 10.39        | -19.61         | 232.67M      | -48.38         | 2.39408G     | -38.58         | 2.49286G     | -38.54         | 17.50621G    | -38.96         | 2    |
| 2452MHz                           | Pass   | 2.42601G    | 10.39        | -19.61         | 712.42M      | -48.23         | 2.39152G     | -47.78         | 2.48354G     | -38.45         | 16.41523G    | -40.05         | 1    |
| 2452MHz                           | Pass   | 2.42601G    | 10.39        | -19.61         | 679.22M      | -48.13         | 2.39548G     | -48.22         | 2.4875G      | -41.70         | 24.80929G    | -39.75         | 2    |

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

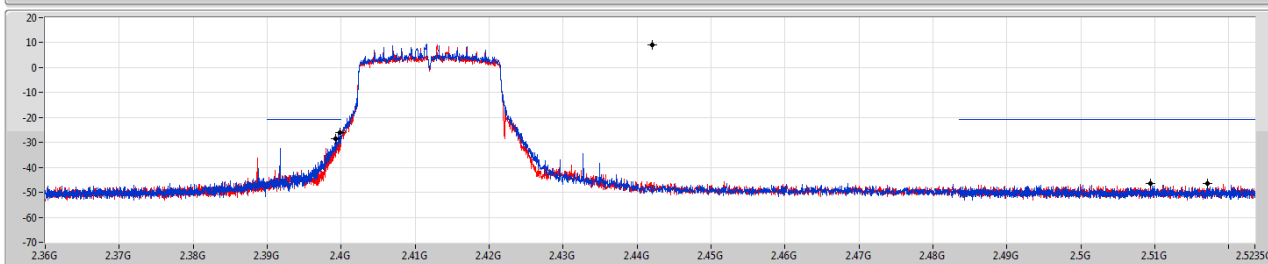
2412MHz

CSE NdB

09/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

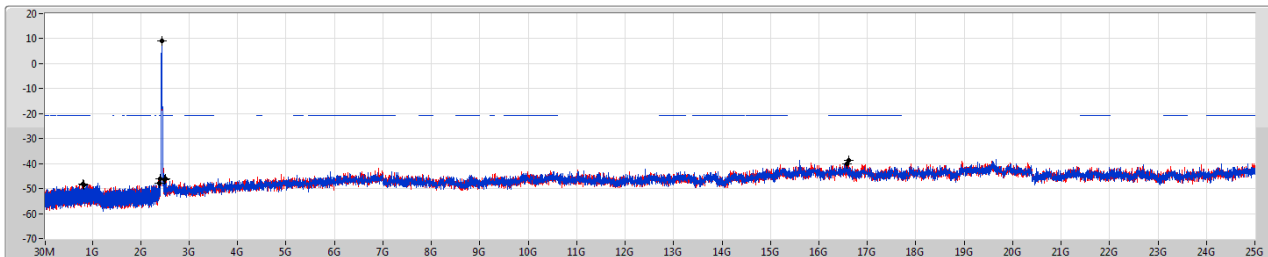
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.442G  | 9.10     | -20.90     | 2.00031G | -47.77     | 2.39988G | -25.95     | 2.51704G | -46.58     | 16.45612G | -39.88     | 1    |
| 2.442G  | 9.10     | -20.90     | 877.25M  | -46.75     | 2.39922G | -28.57     | 2.50938G | -46.57     | 16.49264G | -40.38     | 2    |

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

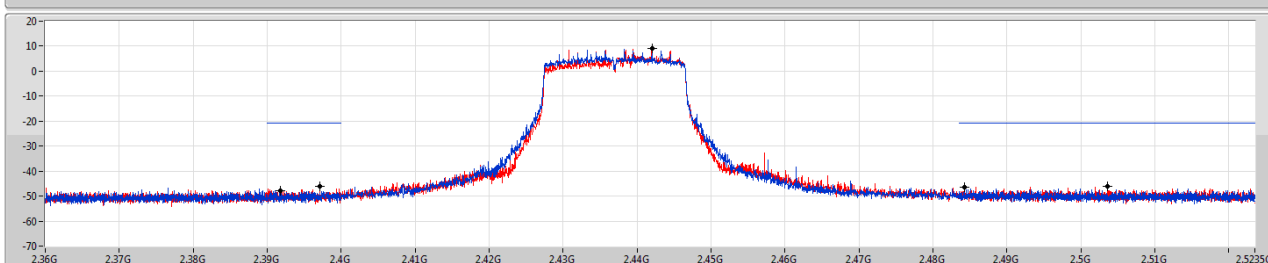
2437MHz

CSE NdB

09/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

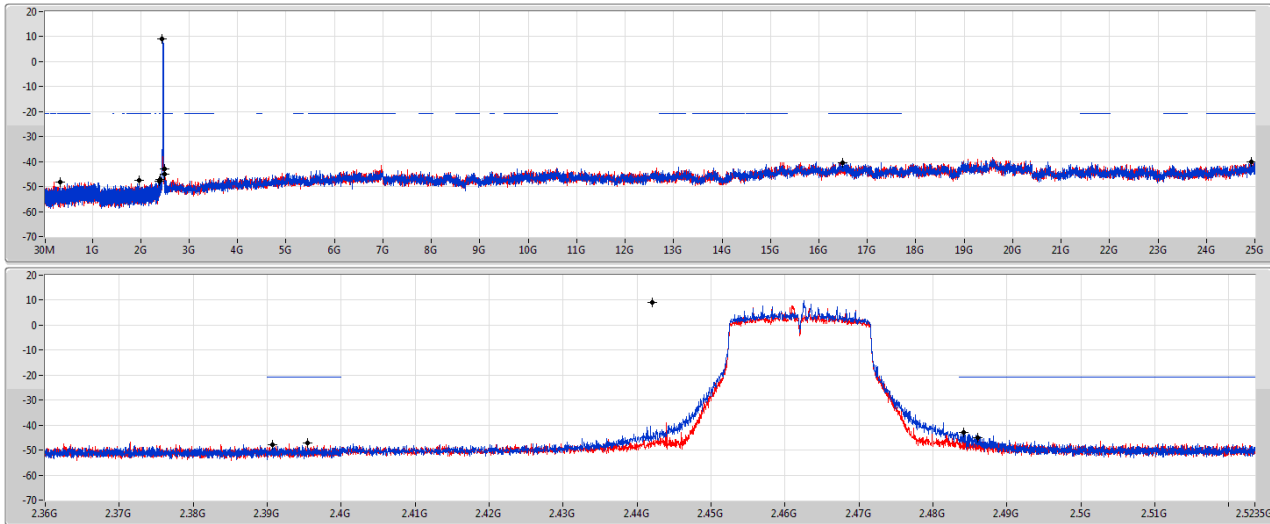
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.442G  | 9.10     | -20.90     | 825.7M   | -48.60     | 2.39176G | -47.76     | 2.48422G | -46.29     | 16.58255G | -40.06     | 1    |
| 2.442G  | 9.10     | -20.90     | 807.64M  | -48.24     | 2.39714G | -46.04     | 2.5036G  | -46.14     | 16.60784G | -38.87     | 2    |

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

2462MHz

CSE NdB

09/07/2019



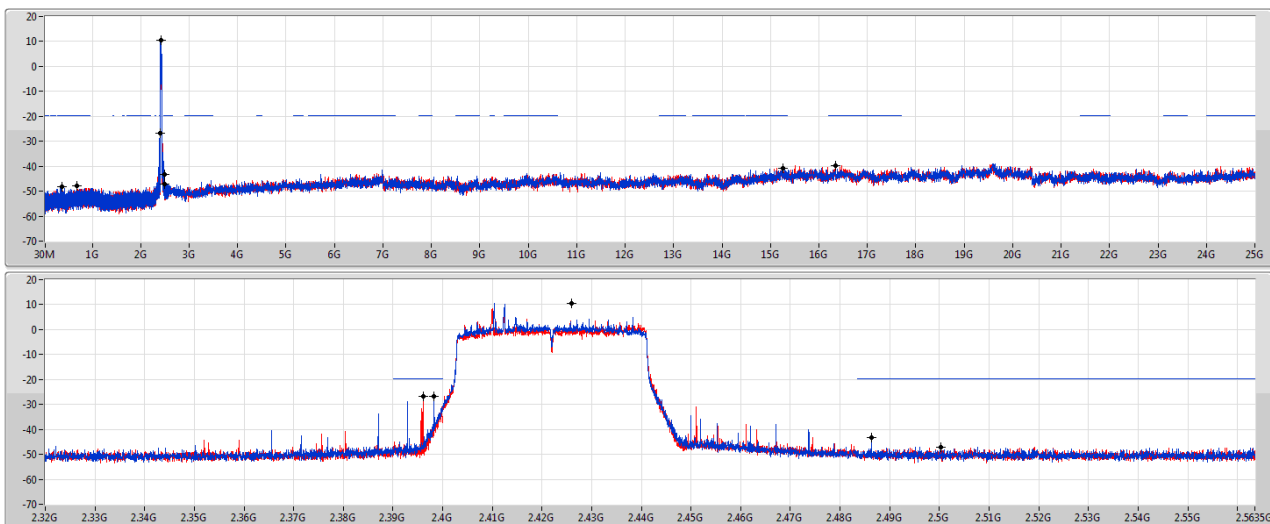
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.442G  | 9.10     | -20.90     | 1.9738G  | -47.66     | 2.39066G | -47.99     | 2.48418G | -42.84     | 24.92695G | -40.08     | 1    |
| 2.442G  | 9.10     | -20.90     | 345.42M  | -48.30     | 2.39546G | -47.18     | 2.48606G | -44.95     | 16.49545G | -40.32     | 2    |

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

2422MHz

CSE NdB

09/07/2019



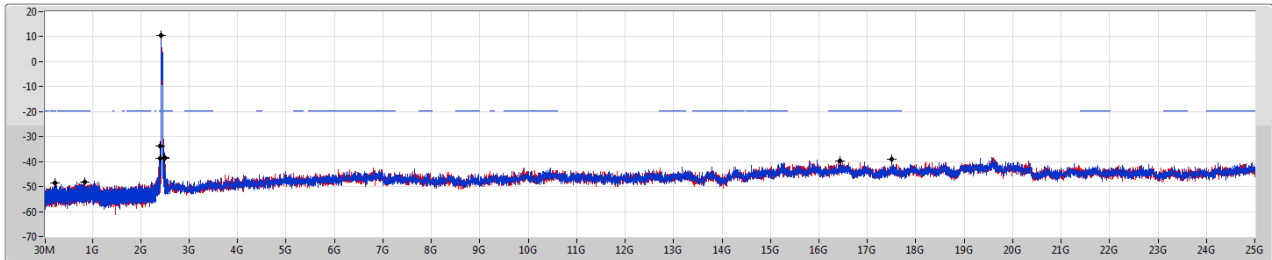
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42601G | 10.39    | -19.61     | 684.37M  | -47.74     | 2.39824G | -26.88     | 2.48638G | -43.13     | 15.25415G | -40.68     | 1    |
| 2.42601G | 10.39    | -19.61     | 379.51M  | -48.19     | 2.39604G | -26.82     | 2.5003G  | -47.17     | 16.33951G | -39.90     | 2    |

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

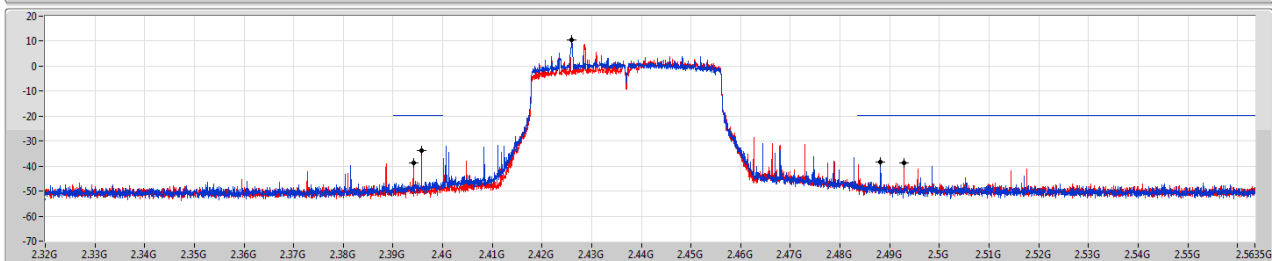
2437MHz

CSE NdB

09/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

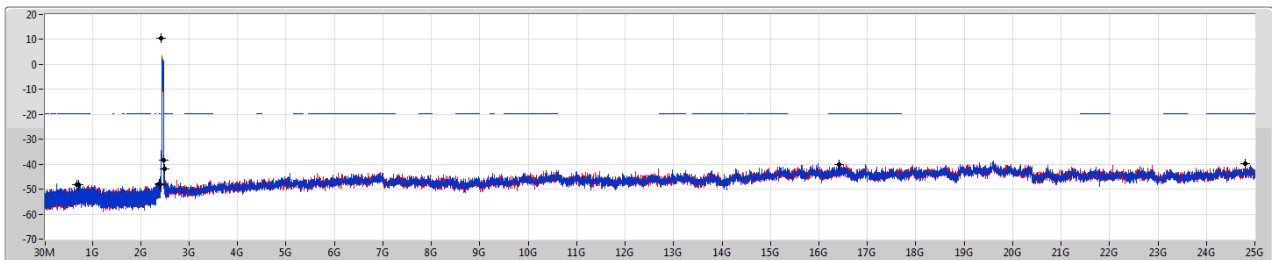
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42601G | 10.39    | -19.61     | 848.96M  | -48.27     | 2.39576G | -33.84     | 2.48818G | -38.53     | 16.42926G | -39.83     | 1    |
| 2.42601G | 10.39    | -19.61     | 232.67M  | -48.38     | 2.39408G | -38.58     | 2.49286G | -38.54     | 17.50621G | -38.96     | 2    |

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

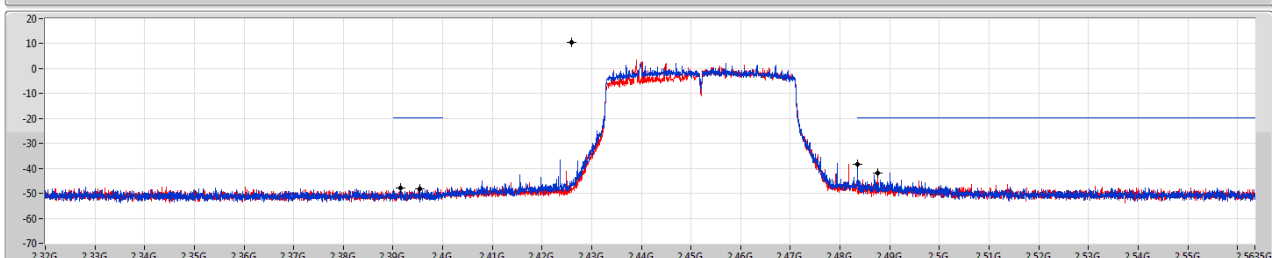
2452MHz

CSE NdB

09/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42601G | 10.39    | -19.61     | 712.42M  | -48.23     | 2.39152G | -47.78     | 2.48354G | -38.45     | 16.41523G | -40.05     | 1    |
| 2.42601G | 10.39    | -19.61     | 679.22M  | -48.13     | 2.39548G | -48.22     | 2.4875G  | -41.70     | 24.80929G | -39.75     | 2    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_4TX       | Pass   | 2.43795G    | 14.13        | -15.87         | 349.21M      | -53.51         | 2.3985G      | -33.58         | 2.5G         | -51.41         | 23.17097G    | -44.61         | 2    |
| 802.11g_Nss1,(6Mbps)_4TX       | Pass   | 2.44196G    | 11.57        | -18.43         | 2.19282G     | -53.06         | 2.39978G     | -26.54         | 2.49634G     | -50.66         | 15.08505G    | -44.96         | 3    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | Pass   | 2.4395G     | 11.08        | -18.92         | 1.97934G     | -52.47         | 2.39974G     | -26.02         | 2.5073G      | -51.44         | 15.03729G    | -44.40         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | Pass   | 2.44572G    | 3.56         | -26.44         | 558.99M      | -53.21         | 2.3998G      | -31.38         | 2.5475G      | -51.28         | 17.00419G    | -44.35         | 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_Nss1,(1Mbps)_4TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 1.72799G     | -53.31         | 2.3995G      | -34.45         | 2.49258G     | -51.75         | 17.56028G    | -44.18         | 1    |
| 2412MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 349.21M      | -53.51         | 2.3985G      | -33.58         | 2.5G         | -51.41         | 23.17097G    | -44.61         | 2    |
| 2412MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 912.78M      | -52.38         | 2.3985G      | -33.69         | 2.50254G     | -51.62         | 15.05134G    | -43.94         | 3    |
| 2412MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 1.78886G     | -52.83         | 2.39848G     | -36.72         | 2.5234G      | -52.12         | 15.05415G    | -44.64         | 4    |
| 2437MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 952.68M      | -52.24         | 2.39702G     | -45.75         | 2.48572G     | -49.94         | 16.26788G    | -44.48         | 1    |
| 2437MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 1.83459G     | -52.85         | 2.39698G     | -45.74         | 2.48576G     | -48.55         | 24.56452G    | -44.68         | 2    |
| 2437MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 816.67M      | -53.28         | 2.39552G     | -46.43         | 2.49712G     | -48.37         | 17.68671G    | -44.95         | 3    |
| 2437MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 924.14M      | -52.92         | 2.398G       | -47.85         | 2.51842G     | -51.50         | 15.01762G    | -44.89         | 4    |
| 2462MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 547.55M      | -53.09         | 2.39016G     | -52.75         | 2.487G       | -49.60         | 24.88481G    | -45.08         | 1    |
| 2462MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 949.19M      | -53.49         | 2.39152G     | -52.47         | 2.48682G     | -49.22         | 17.69795G    | -44.22         | 2    |
| 2462MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 1.85934G     | -53.09         | 2.39608G     | -51.05         | 2.48924G     | -49.24         | 23.26931G    | -45.35         | 3    |
| 2462MHz                        | Pass   | 2.43795G    | 14.13        | -15.87         | 1.63683G     | -53.41         | 2.3996G      | -52.40         | 2.4886G      | -49.64         | 24.81738G    | -44.74         | 4    |
| 802.11g_Nss1,(6Mbps)_4TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 500.95M      | -53.05         | 2.39988G     | -27.71         | 2.51446G     | -51.27         | 15.24239G    | -45.18         | 1    |
| 2412MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 2.30845G     | -52.83         | 2.39986G     | -26.60         | 2.50958G     | -50.16         | 17.55747G    | -45.13         | 2    |
| 2412MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 2.19282G     | -53.06         | 2.39978G     | -26.54         | 2.49634G     | -50.66         | 15.08505G    | -44.96         | 3    |
| 2412MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 1.93157G     | -52.77         | 2.39946G     | -28.70         | 2.50988G     | -51.81         | 15.32106G    | -44.86         | 4    |
| 2437MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 873.75M      | -51.32         | 2.39888G     | -40.98         | 2.48696G     | -47.89         | 17.52656G    | -45.19         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 2.30059G     | -52.60         | 2.39986G     | -39.02         | 2.48446G     | -47.59         | 24.96909G    | -44.89         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 2.02768G     | -52.78         | 2.39986G     | -37.59         | 2.4838G      | -47.84         | 24.53642G    | -44.43         | 3    |
| 2437MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 1.72333G     | -52.52         | 2.39972G     | -43.38         | 2.48364G     | -49.31         | 15.34353G    | -44.49         | 4    |
| 2462MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 661.14M      | -53.55         | 2.39998G     | -51.06         | 2.48452G     | -46.14         | 24.82862G    | -43.97         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 1.9939G      | -53.33         | 2.39462G     | -51.83         | 2.48354G     | -46.02         | 15.00077G    | -44.34         | 2    |
| 2462MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 716.19M      | -52.61         | 2.3977G      | -50.86         | 2.48422G     | -48.48         | 15.04572G    | -44.63         | 3    |
| 2462MHz                        | Pass   | 2.44196G    | 11.57        | -18.43         | 1.83342G     | -53.32         | 2.398G       | -50.63         | 2.48382G     | -46.38         | 24.80052G    | -45.56         | 4    |
| 802.11ax HEW20_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 1.97934G     | -52.47         | 2.39974G     | -26.02         | 2.5073G      | -51.44         | 15.03729G    | -44.40         | 1    |
| 2412MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 2.30408G     | -51.75         | 2.39972G     | -27.70         | 2.48758G     | -49.56         | 24.91571G    | -44.89         | 2    |
| 2412MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 752.3M       | -53.08         | 2.39988G     | -27.17         | 2.50254G     | -51.41         | 15.08224G    | -45.08         | 3    |
| 2412MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 874.63M      | -52.46         | 2.3995G      | -27.83         | 2.49414G     | -51.74         | 24.15432G    | -44.17         | 4    |
| 2437MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 2.30787G     | -53.37         | 2.39952G     | -37.12         | 2.48426G     | -45.71         | 24.50833G    | -44.98         | 1    |
| 2437MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 2.01866G     | -52.48         | 2.39852G     | -37.74         | 2.48414G     | -46.90         | 24.81738G    | -44.62         | 2    |
| 2437MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 501.53M      | -53.22         | 2.39916G     | -39.56         | 2.4887G      | -48.15         | 24.88762G    | -43.75         | 3    |
| 2437MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 879.58M      | -53.32         | 2.39824G     | -42.07         | 2.48382G     | -49.41         | 24.57576G    | -44.42         | 4    |
| 2462MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 878.7M       | -53.52         | 2.39834G     | -50.98         | 2.48354G     | -47.25         | 23.45474G    | -44.27         | 1    |
| 2462MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 2.30408G     | -52.69         | 2.39884G     | -52.52         | 2.4839G      | -48.80         | 15.0401G     | -44.62         | 2    |
| 2462MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 869.09M      | -53.28         | 2.39468G     | -51.66         | 2.48378G     | -50.43         | 17.69514G    | -44.63         | 3    |
| 2462MHz                        | Pass   | 2.4395G     | 11.08        | -18.92         | 1.88177G     | -53.38         | 2.39932G     | -51.92         | 2.48438G     | -46.76         | 16.25383G    | -44.77         | 4    |
| 802.11ax HEW40_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 558.99M      | -53.21         | 2.3998G      | -31.38         | 2.5475G      | -51.28         | 17.00419G    | -44.35         | 1    |
| 2422MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 755.64M      | -53.74         | 2.39992G     | -31.91         | 2.54946G     | -50.86         | 17.31269G    | -45.23         | 2    |
| 2422MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 2.10216G     | -52.72         | 2.39956G     | -33.41         | 2.53762G     | -51.39         | 24.82612G    | -43.67         | 3    |
| 2422MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 942.85M      | -52.26         | 2.39984G     | -33.51         | 2.50078G     | -51.75         | 15.02698G    | -44.23         | 4    |
| 2437MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 899.63M      | -52.82         | 2.39784G     | -44.57         | 2.48818G     | -44.50         | 24.49237G    | -44.35         | 1    |
| 2437MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 1.83366G     | -53.26         | 2.39952G     | -41.01         | 2.48442G     | -46.33         | 24.78966G    | -44.46         | 2    |
| 2437MHz                        | Pass   | 2.44572G    | 3.56         | -26.44         | 949.15M      | -53.39         | 2.39988G     | -44.30         | 2.4845G      | -46.56         | 23.2163G     | -44.44         | 3    |

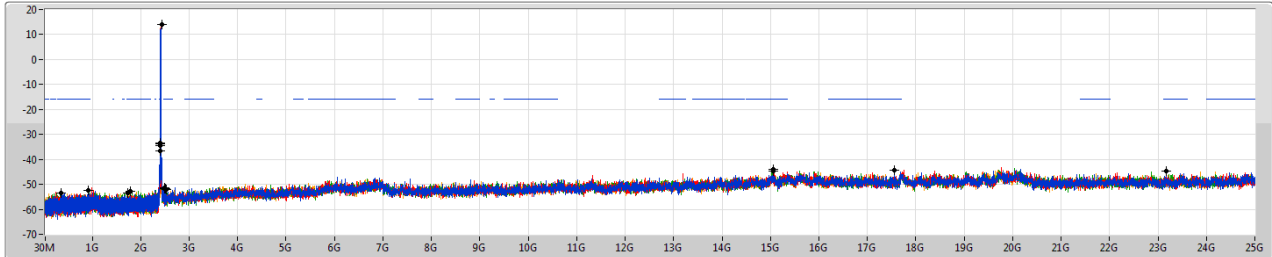
| Mode    | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|---------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2437MHz | Pass   | 2.44572G    | 3.56         | -26.44         | 2.14911G     | -53.01         | 2.39996G     | -44.27         | 2.4839G      | -45.70         | 24.16424G    | -44.69         | 4    |
| 2452MHz | Pass   | 2.44572G    | 3.56         | -26.44         | 914.23M      | -52.84         | 2.39796G     | -52.22         | 2.48574G     | -44.48         | 15.06624G    | -45.33         | 1    |
| 2452MHz | Pass   | 2.44572G    | 3.56         | -26.44         | 923.1M       | -53.20         | 2.39384G     | -53.22         | 2.48518G     | -47.24         | 15.04941G    | -44.99         | 2    |
| 2452MHz | Pass   | 2.44572G    | 3.56         | -26.44         | 1.91553G     | -52.69         | 2.39892G     | -51.99         | 2.48822G     | -48.67         | 17.69692G    | -44.62         | 3    |
| 2452MHz | Pass   | 2.44572G    | 3.56         | -26.44         | 2.07841G     | -52.52         | 2.39412G     | -53.12         | 2.4837G      | -47.76         | 24.21192G    | -44.61         | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

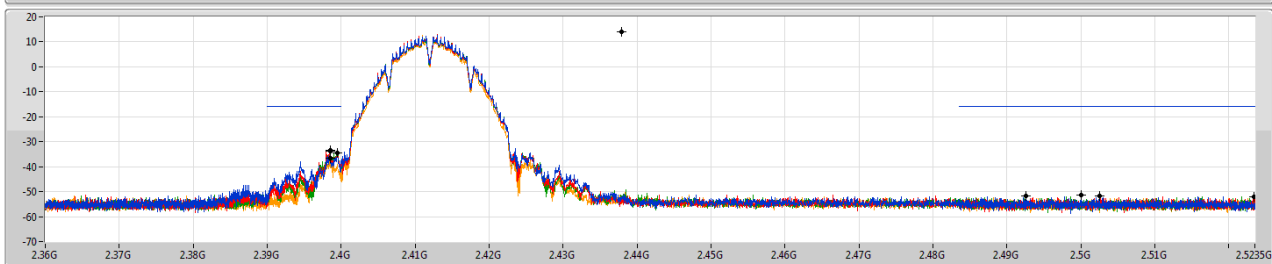
2412MHz

CSE NdB

08/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

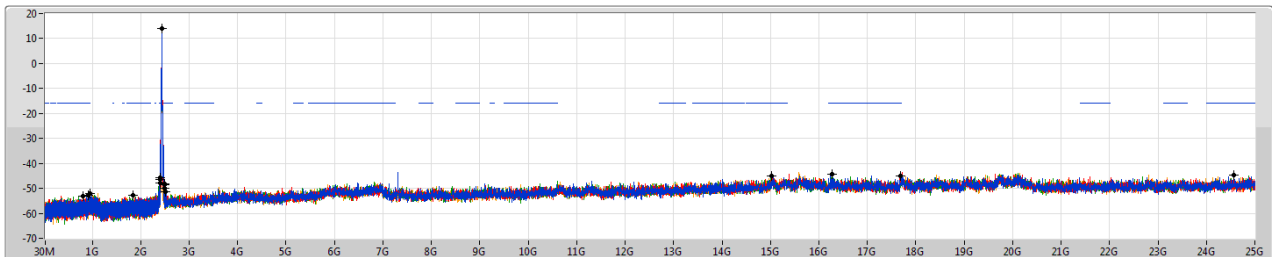
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243795G | 14.13    | -15.87     | 1.72799G | -53.31     | 2.3995G  | -34.45     | 2.49258G | -51.75     | 17.56028G | -44.18     | 1    |
| 243795G | 14.13    | -15.87     | 349.21M  | -53.51     | 2.3985G  | -33.58     | 2.5G     | -51.41     | 23.17097G | -44.61     | 2    |
| 243795G | 14.13    | -15.87     | 912.78M  | -52.38     | 2.3985G  | -33.69     | 2.50254G | -51.62     | 15.05134G | -43.94     | 3    |
| 243795G | 14.13    | -15.87     | 1.78886G | -52.83     | 2.39848G | -36.72     | 2.5234G  | -52.12     | 15.05415G | -44.64     | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

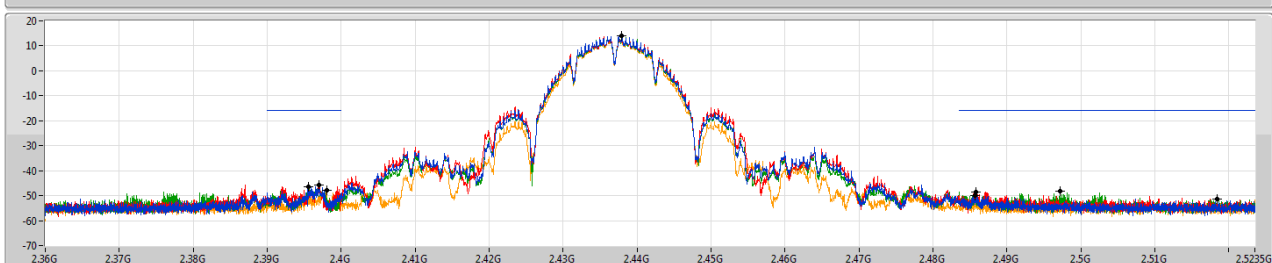
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

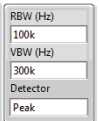
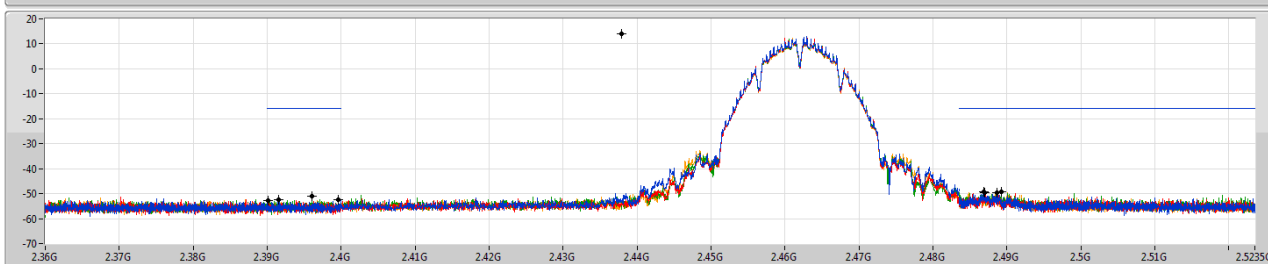
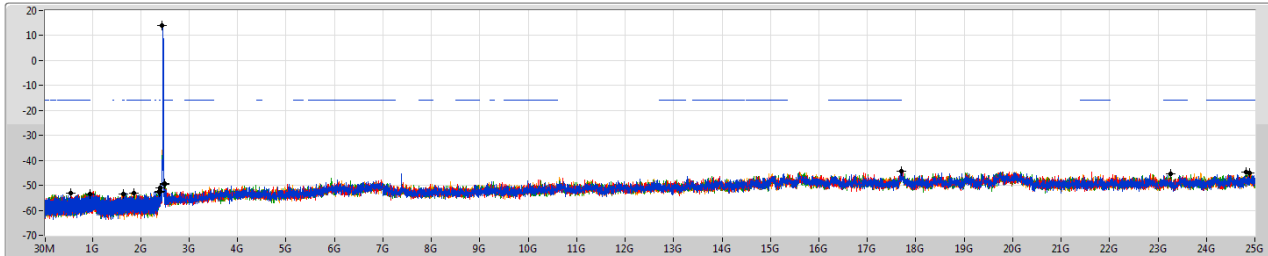
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 243795G | 14.13    | -15.87     | 952.68M  | -52.24     | 2.39702G | -45.75     | 2.48572G | -49.94     | 16.26788G | -44.48     | 1    |
| 243795G | 14.13    | -15.87     | 1.83459G | -52.85     | 2.39698G | -45.74     | 2.48576G | -48.55     | 24.56452G | -44.68     | 2    |
| 243795G | 14.13    | -15.87     | 816.67M  | -53.28     | 2.39552G | -46.43     | 2.49712G | -48.37     | 17.68671G | -44.95     | 3    |
| 243795G | 14.13    | -15.87     | 924.14M  | -52.92     | 2.398G   | -47.85     | 2.51842G | -51.50     | 15.01762G | -44.89     | 4    |

## 802.11b\_Nss1,(1Mbps)\_4TX

2462MHz

CSE NdB

08/07/2019



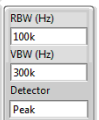
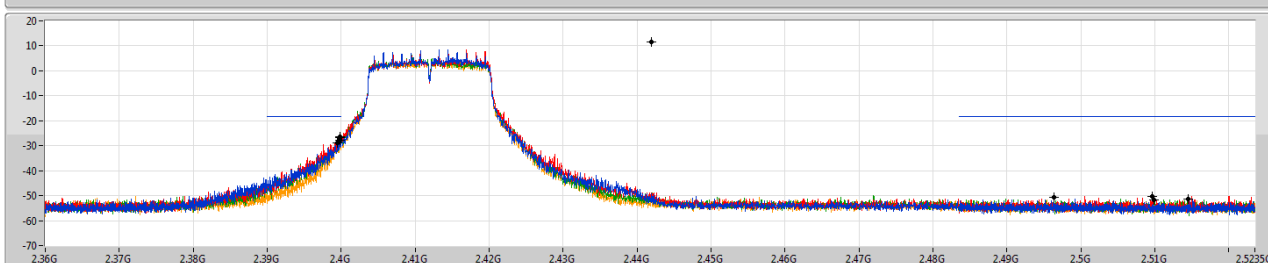
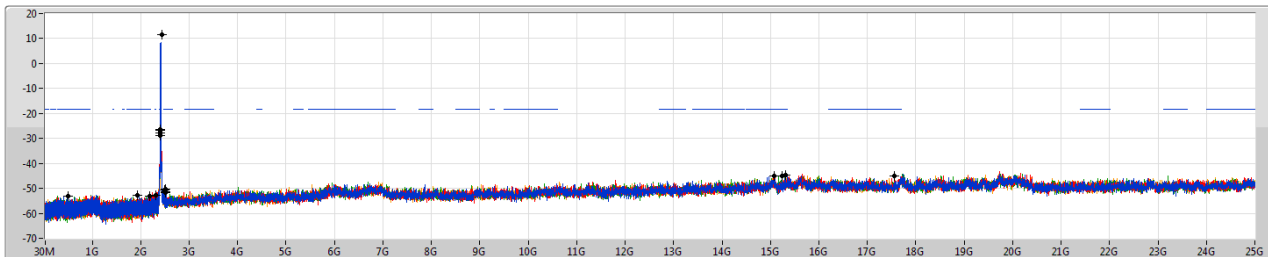
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43795G | 14.13    | -15.87     | 547.55M  | -53.09     | 2.39016G | -52.75     | 2.487G   | -49.60     | 24.88481G | -45.08     | 1    |
| 2.43795G | 14.13    | -15.87     | 949.19M  | -53.40     | 2.39152G | -52.47     | 2.48682G | -49.22     | 17.69795G | -44.22     | 2    |
| 2.43795G | 14.13    | -15.87     | 1.65994G | -53.09     | 2.39608G | -51.05     | 2.48924G | -49.24     | 23.26931G | -45.35     | 3    |
| 2.43795G | 14.13    | -15.87     | 1.63683G | -53.41     | 2.3996G  | -52.40     | 2.4886G  | -49.64     | 24.81738G | -44.74     | 4    |

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

2412MHz

CSE NdB

08/07/2019



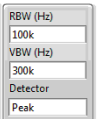
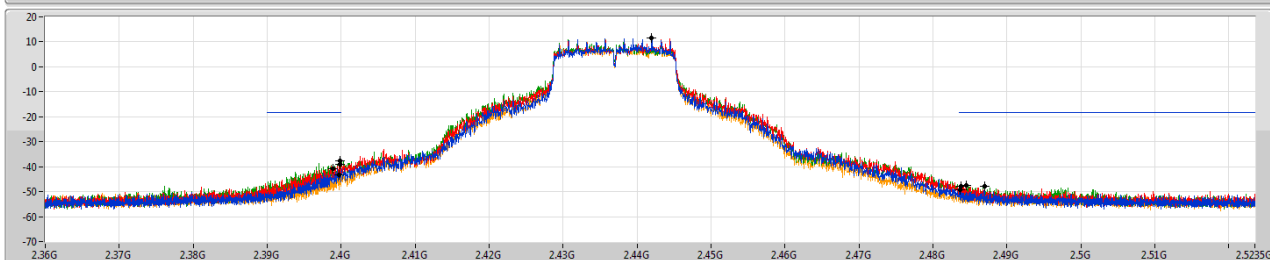
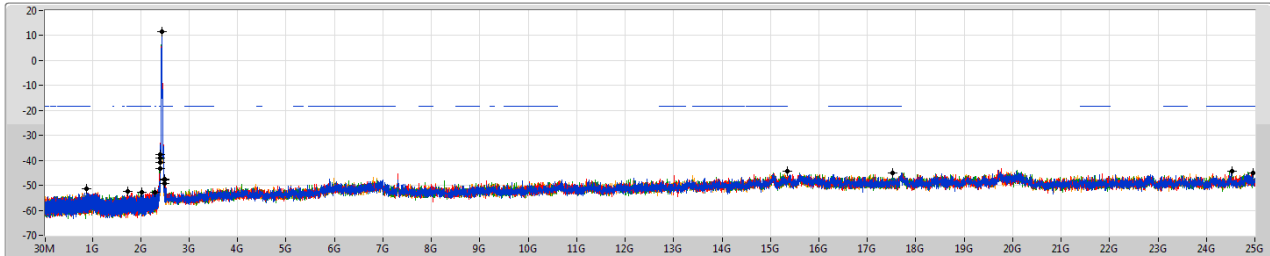
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 11.57    | -18.43     | 500.95M  | -53.05     | 2.39988G | -27.71     | 2.51446G | -51.27     | 15.24239G | -45.18     | 1    |
| 2.44196G | 11.57    | -18.43     | 2.30845G | -52.83     | 2.39986G | -26.60     | 2.50958G | -50.16     | 17.55747G | -45.13     | 2    |
| 2.44196G | 11.57    | -18.43     | 2.19282G | -53.06     | 2.39978G | -26.54     | 2.49634G | -50.66     | 15.08505G | -44.96     | 3    |
| 2.44196G | 11.57    | -18.43     | 1.93157G | -52.77     | 2.39946G | -28.70     | 2.50988G | -51.81     | 15.32106G | -44.86     | 4    |

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

2437MHz

CSE NdB

08/07/2019



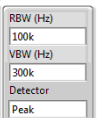
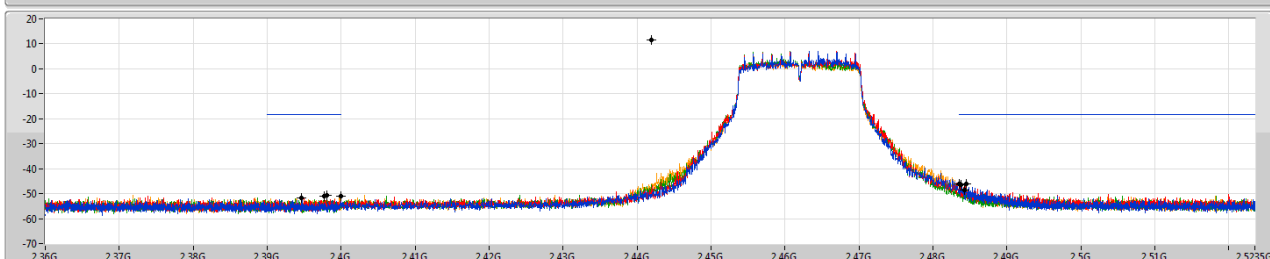
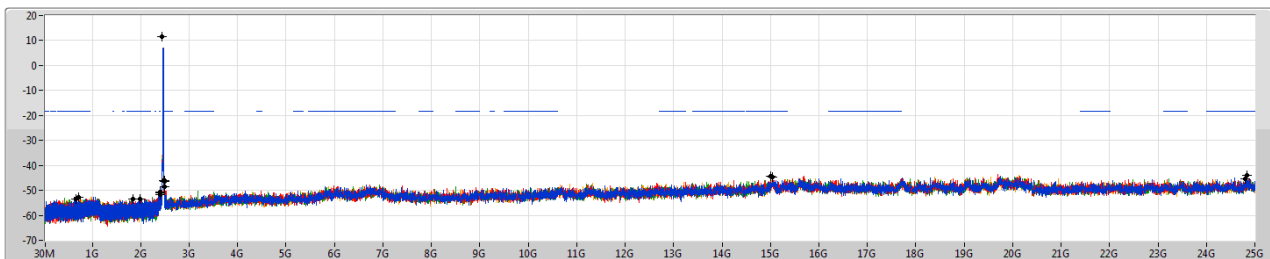
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 11.57    | -18.43     | 873.75M  | -51.32     | 2.39888G | -40.98     | 2.48696G | -47.89     | 17.52656G | -45.19     | 1    |
| 2.44196G | 11.57    | -18.43     | 2.30059G | -52.60     | 2.39986G | -39.02     | 2.48446G | -47.59     | 24.86909G | -44.89     | 2    |
| 2.44196G | 11.57    | -18.43     | 2.02768G | -52.78     | 2.39986G | -37.59     | 2.4838G  | -47.84     | 24.53642G | -44.43     | 3    |
| 2.44196G | 11.57    | -18.43     | 1.72333G | -52.52     | 2.39972G | -43.38     | 2.48364G | -49.31     | 15.34353G | -44.49     | 4    |

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

2462MHz

CSE NdB

08/07/2019



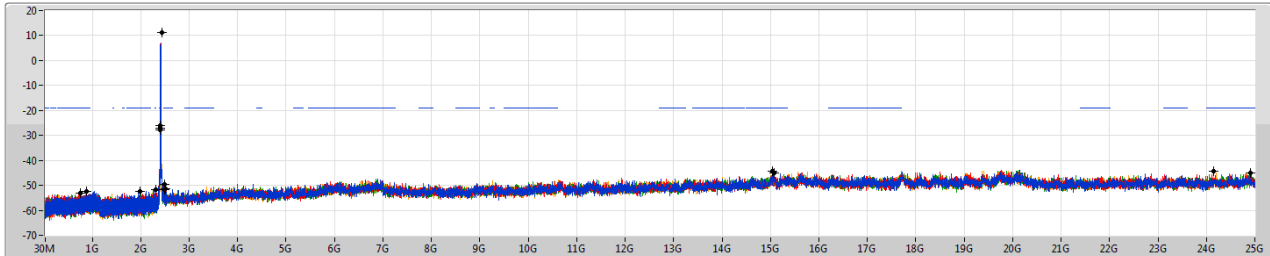
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 11.57    | -18.43     | 661.14M  | -53.55     | 2.39998G | -51.06     | 2.48452G | -46.14     | 24.82862G | -43.97     | 1    |
| 2.44196G | 11.57    | -18.43     | 1.9939G  | -53.33     | 2.39462G | -51.83     | 2.48354G | -46.02     | 15.00077G | -44.34     | 2    |
| 2.44196G | 11.57    | -18.43     | 716.19M  | -52.61     | 2.3977G  | -50.86     | 2.48422G | -48.48     | 15.04572G | -44.63     | 3    |
| 2.44196G | 11.57    | -18.43     | 1.83342G | -53.32     | 2.398G   | -50.63     | 2.48382G | -46.38     | 24.80052G | -45.56     | 4    |

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

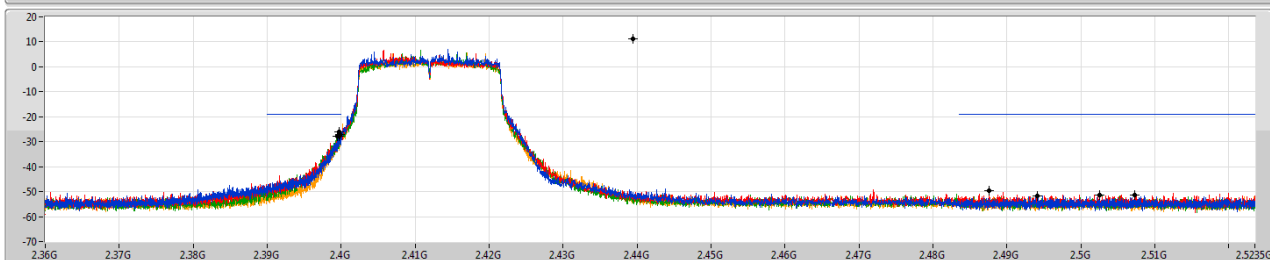
CSE NdB

2412MHz

08/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

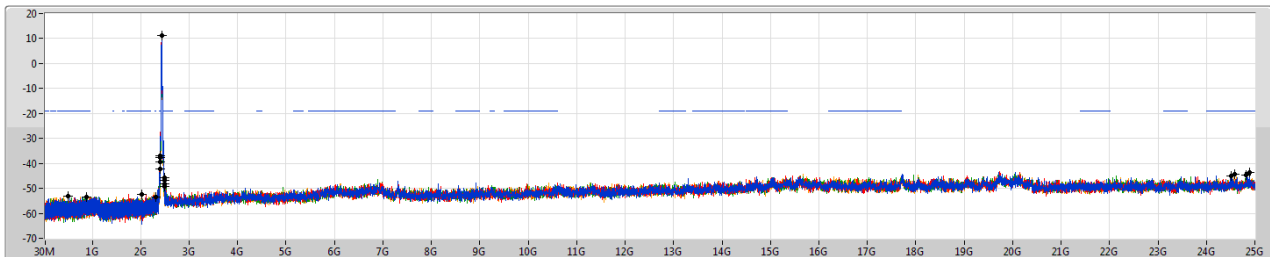
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.4395G | 11.08    | -18.92     | 1.97934G | -52.47     | 2.39974G | -26.02     | 2.5073G  | -51.44     | 15.03729G | -44.40     | 1    |
| 2.4395G | 11.08    | -18.92     | 2.30408G | -51.75     | 2.39972G | -27.70     | 2.48758G | -49.56     | 24.91571G | -44.89     | 2    |
| 2.4395G | 11.08    | -18.92     | 752.3M   | -53.08     | 2.39988G | -27.17     | 2.50254G | -51.41     | 15.06224G | -45.08     | 3    |
| 2.4395G | 11.08    | -18.92     | 874.63M  | -52.46     | 2.3995G  | -27.83     | 2.49414G | -51.74     | 24.15432G | -44.17     | 4    |

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

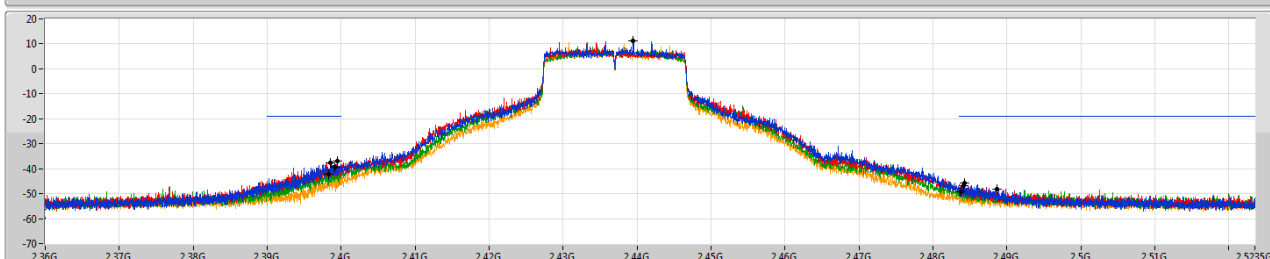
CSE NdB

2437MHz

08/07/2019



Port 1  
Port 2  
Port 3  
Port 4



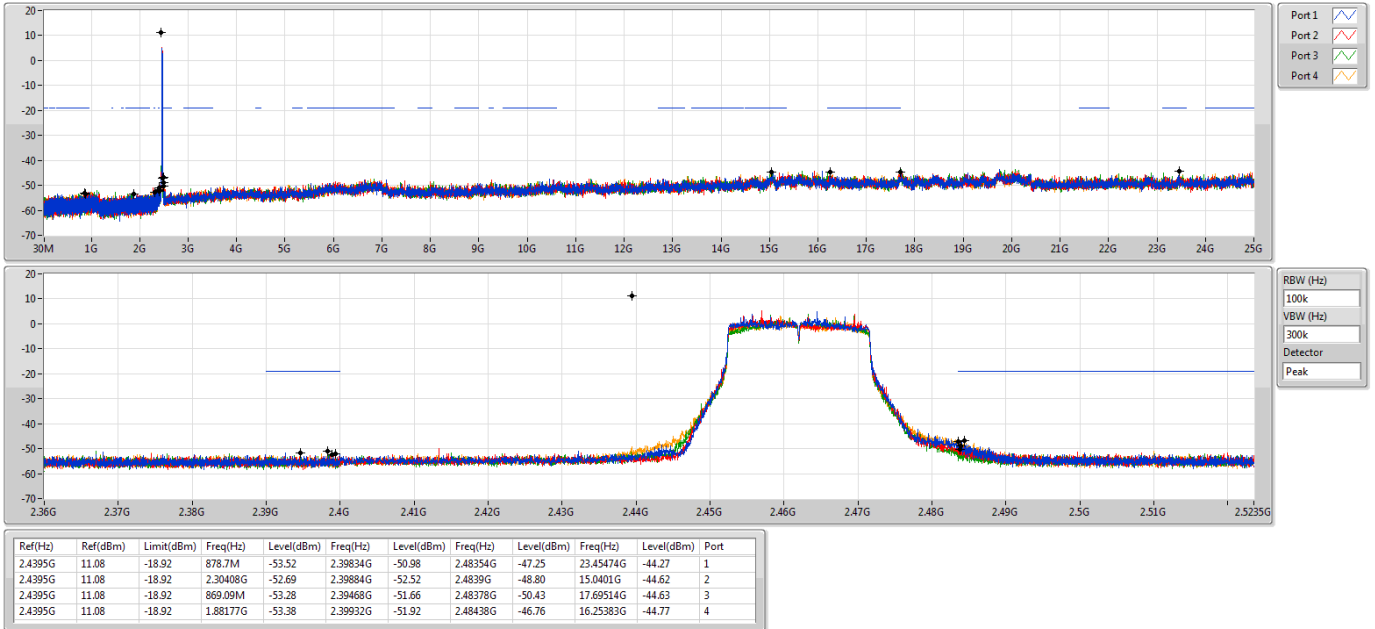
RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.4395G | 11.08    | -18.92     | 2.30787G | -53.37     | 2.39952G | -37.12     | 2.48426G | -45.71     | 24.50833G | -44.98     | 1    |
| 2.4395G | 11.08    | -18.92     | 2.01866G | -52.48     | 2.39852G | -37.74     | 2.48414G | -46.90     | 24.81738G | -44.62     | 2    |
| 2.4395G | 11.08    | -18.92     | 501.53M  | -53.22     | 2.39916G | -39.56     | 2.4887G  | -48.15     | 24.88762G | -43.75     | 3    |
| 2.4395G | 11.08    | -18.92     | 879.58M  | -53.32     | 2.39824G | -42.07     | 2.48382G | -49.41     | 24.57576G | -44.42     | 4    |

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

CSE NdB

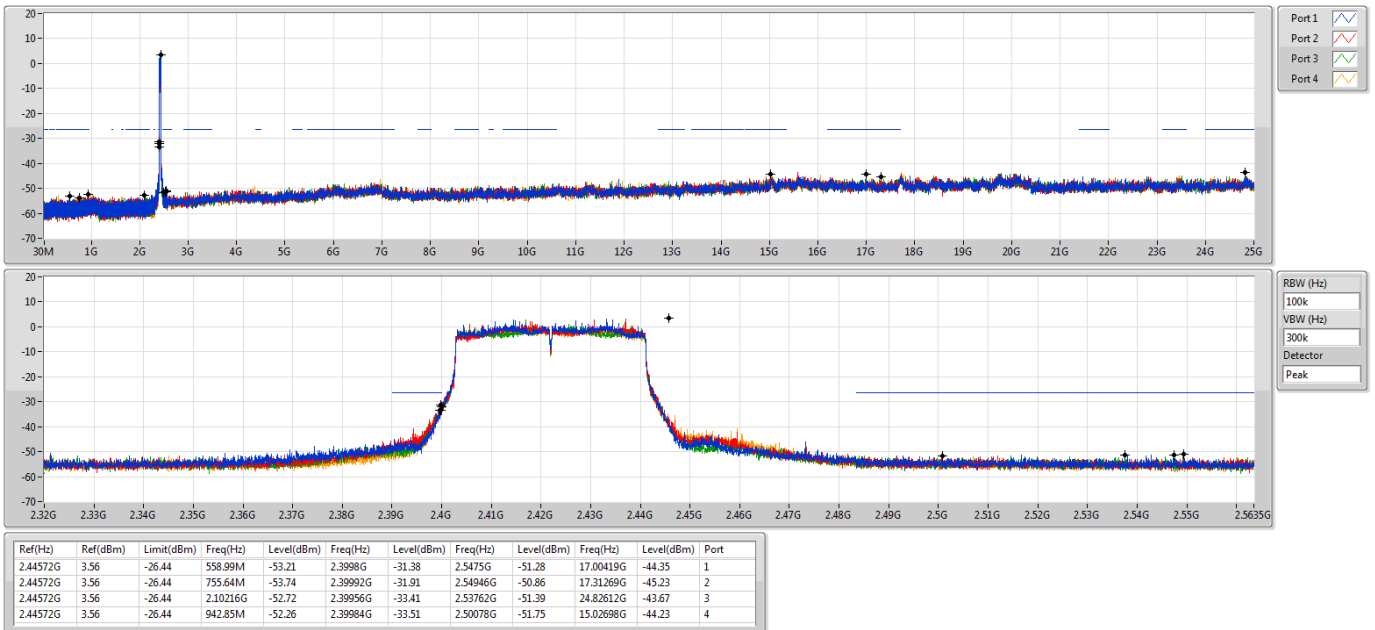
2462MHz



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

CSE NdB

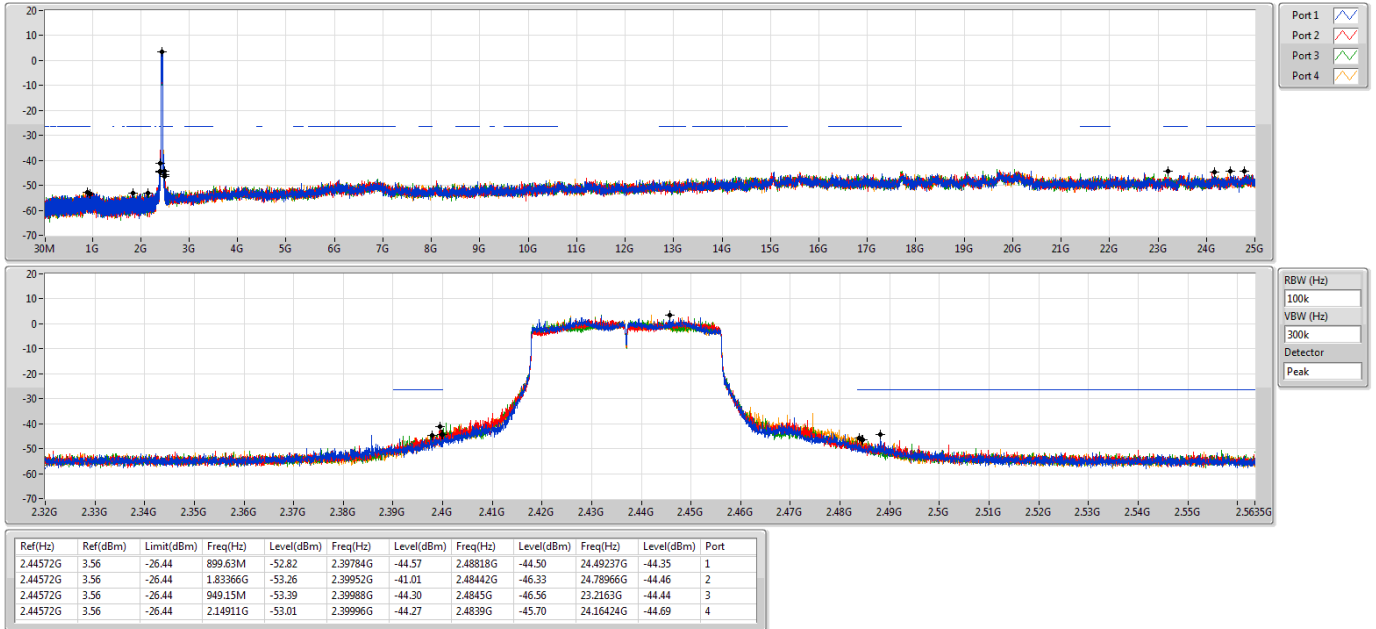
2422MHz



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

CSE NdB

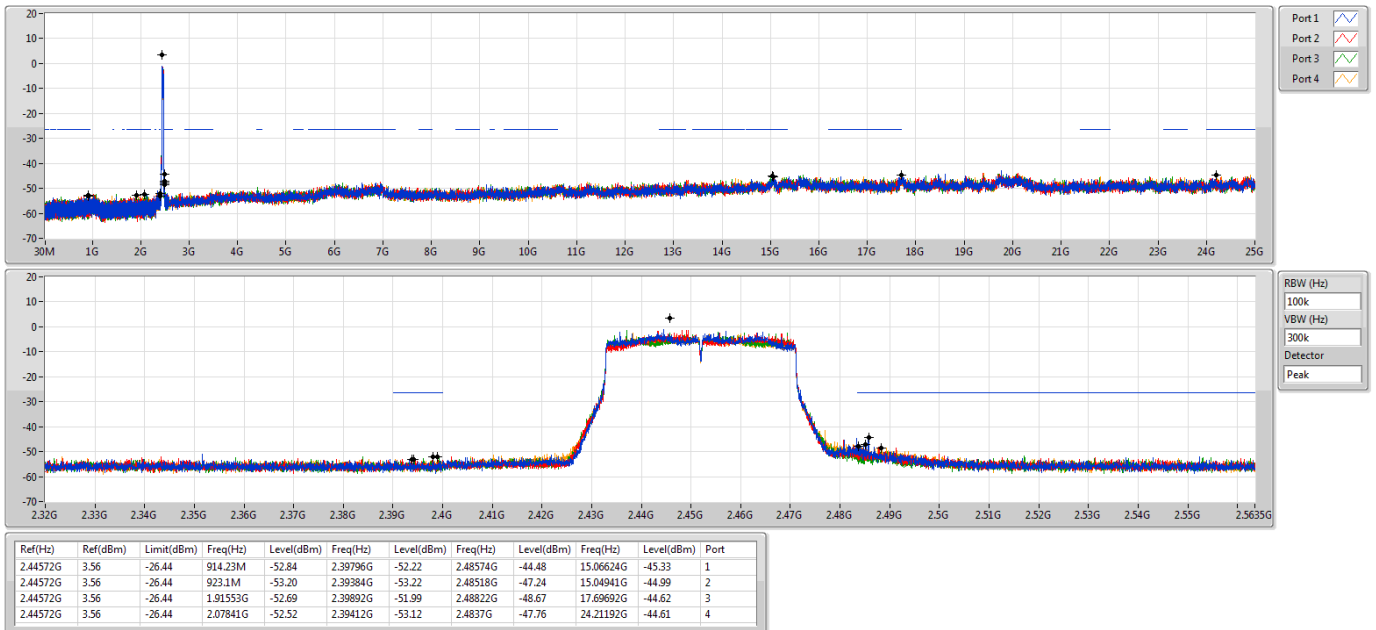
2437MHz



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

CSE NdB

2452MHz



**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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | Pass   | 2.43749G    | 7.71         | -22.29         | 854.24M      | -48.24         | 2.39996G     | -26.57         | 2.5165G      | -46.61         | 16.36902G    | -39.46         | 1    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | Pass   | 2.42847G    | 7.74         | -22.26         | 874.44M      | -48.12         | 2.39996G     | -32.53         | 2.51286G     | -47.09         | 16.49096G    | -38.28         | 1    |

**Result**

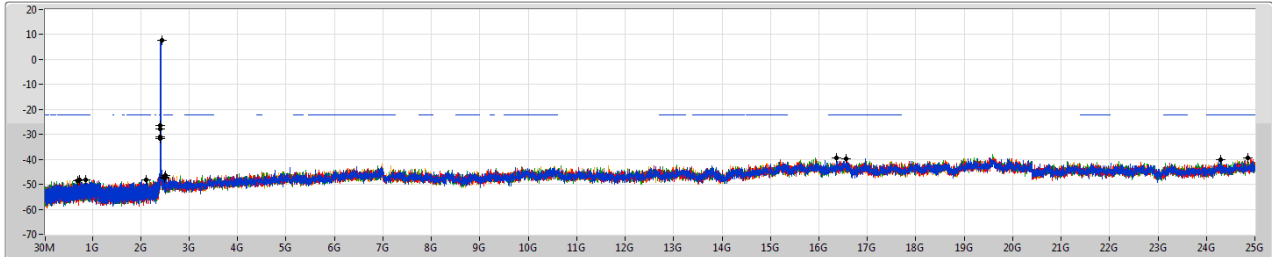
| Mode                              | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 854.24M      | -48.24         | 2.39996G     | -26.57         | 2.5165G      | -46.61         | 16.36902G    | -39.46         | 1    |
| 2412MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 697.55M      | -48.39         | 2.39992G     | -27.80         | 2.49652G     | -47.22         | 24.85952G    | -39.26         | 2    |
| 2412MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 2.1136G      | -48.34         | 2.39984G     | -31.07         | 2.50148G     | -47.46         | 24.28637G    | -40.00         | 3    |
| 2412MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 739.19M      | -48.13         | 2.39984G     | -31.59         | 2.49316G     | -47.37         | 16.55726G    | -39.86         | 4    |
| 2437MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 528.91M      | -48.55         | 2.39998G     | -47.50         | 2.51668G     | -46.50         | 24.823G      | -40.04         | 1    |
| 2437MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 891.52M      | -47.64         | 2.39998G     | -47.22         | 2.51234G     | -46.98         | 16.96746G    | -39.72         | 2    |
| 2437MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 862.98M      | -47.52         | 2.39728G     | -48.05         | 2.49946G     | -46.33         | 16.59098G    | -39.88         | 3    |
| 2437MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 726.67M      | -48.23         | 2.39454G     | -48.00         | 2.48952G     | -46.86         | 24.29199G    | -39.64         | 4    |
| 2462MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 661.43M      | -48.57         | 2.39632G     | -48.15         | 2.48408G     | -45.71         | 16.9506G     | -40.18         | 1    |
| 2462MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 875.5M       | -46.92         | 2.39846G     | -47.63         | 2.49042G     | -45.89         | 16.39431G    | -39.73         | 2    |
| 2462MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 882.49M      | -48.26         | 2.39344G     | -47.96         | 2.48978G     | -46.26         | 15.18058G    | -40.17         | 3    |
| 2462MHz                           | Pass   | 2.43749G    | 7.71         | -22.29         | 699.29M      | -48.25         | 2.39058G     | -48.19         | 2.49192G     | -47.02         | 24.93819G    | -40.46         | 4    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_4TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 874.44M      | -48.12         | 2.39996G     | -32.53         | 2.51286G     | -47.09         | 16.49096G    | -38.28         | 1    |
| 2422MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 1.96505G     | -48.30         | 2.39996G     | -32.62         | 2.52458G     | -46.31         | 24.35495G    | -39.58         | 2    |
| 2422MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 737.61M      | -48.39         | 2.39988G     | -36.79         | 2.49818G     | -47.03         | 16.26098G    | -40.34         | 3    |
| 2422MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 862.42M      | -48.34         | 2.39956G     | -34.75         | 2.52914G     | -47.31         | 24.98037G    | -40.00         | 4    |
| 2437MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 749.06M      | -48.49         | 2.3926G      | -41.45         | 2.49426G     | -45.85         | 16.5779G     | -40.29         | 1    |
| 2437MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 844.95M      | -48.16         | 2.39912G     | -41.26         | 2.53234G     | -46.94         | 16.35914G    | -39.95         | 2    |
| 2437MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 781.12M      | -48.18         | 2.39568G     | -47.02         | 2.48402G     | -46.65         | 24.98037G    | -40.22         | 3    |
| 2437MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 661.75M      | -48.16         | 2.3978G      | -40.85         | 2.4841G      | -45.87         | 16.61155G    | -39.43         | 4    |
| 2452MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 1.96219G     | -46.67         | 2.39912G     | -47.85         | 2.4895G      | -43.14         | 16.31988G    | -40.17         | 1    |
| 2452MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 879.59M      | -48.20         | 2.39116G     | -47.73         | 2.49326G     | -46.12         | 16.5779G     | -39.28         | 2    |
| 2452MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 887.03M      | -47.83         | 2.39528G     | -48.01         | 2.49222G     | -47.27         | 24.74478G    | -40.14         | 3    |
| 2452MHz                           | Pass   | 2.42847G    | 7.74         | -22.26         | 956.59M      | -48.59         | 2.39152G     | -48.36         | 2.48926G     | -46.24         | 24.96635G    | -39.82         | 4    |

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

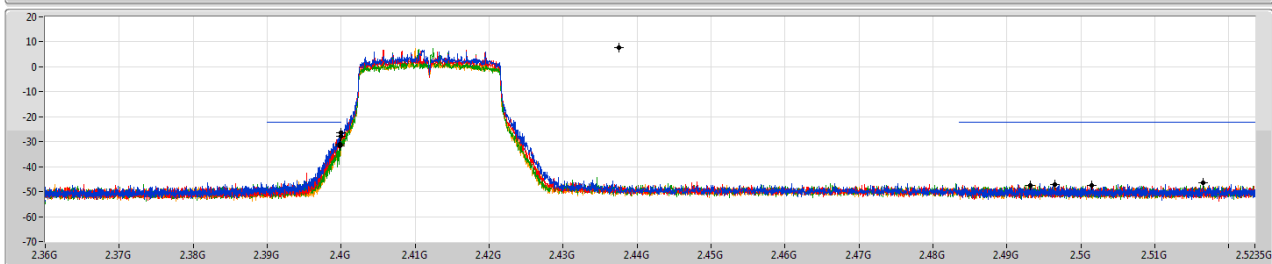
2412MHz

CSE NdB

09/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

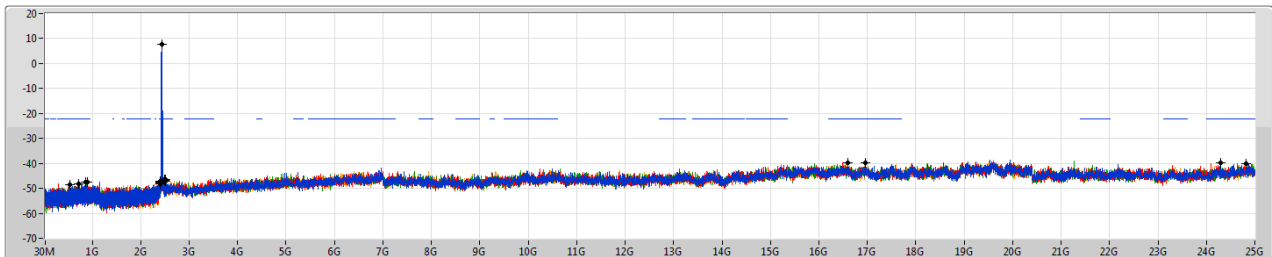
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43749G | 7.71     | -22.29     | 854.24M  | -48.24     | 2.39996G | -26.57     | 2.5165G  | -46.61     | 16.36902G | -39.46     | 1    |
| 2.43749G | 7.71     | -22.29     | 697.55M  | -48.39     | 2.39992G | -27.80     | 2.49652G | -47.22     | 24.85952G | -39.26     | 2    |
| 2.43749G | 7.71     | -22.29     | 2.1136G  | -48.34     | 2.39984G | -31.07     | 2.50148G | -47.46     | 24.28637G | -40.00     | 3    |
| 2.43749G | 7.71     | -22.29     | 739.19M  | -48.13     | 2.39984G | -31.59     | 2.49316G | -47.37     | 16.55726G | -39.86     | 4    |

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

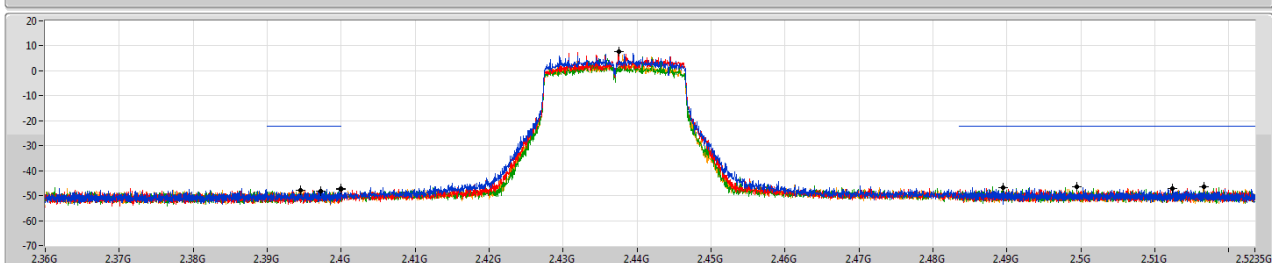
2437MHz

CSE NdB

09/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

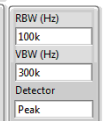
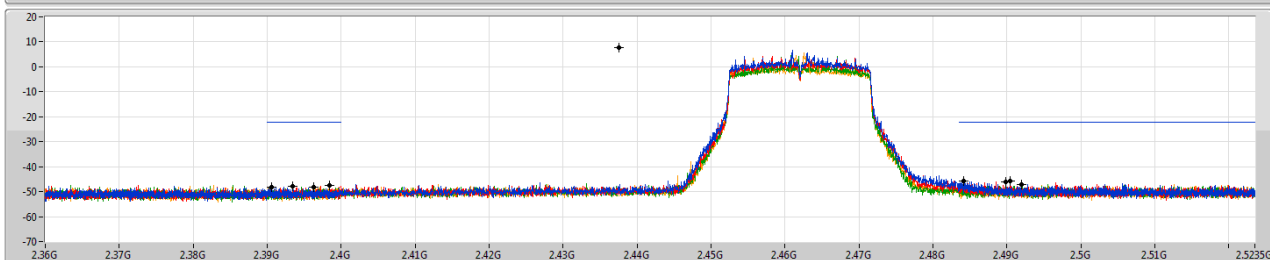
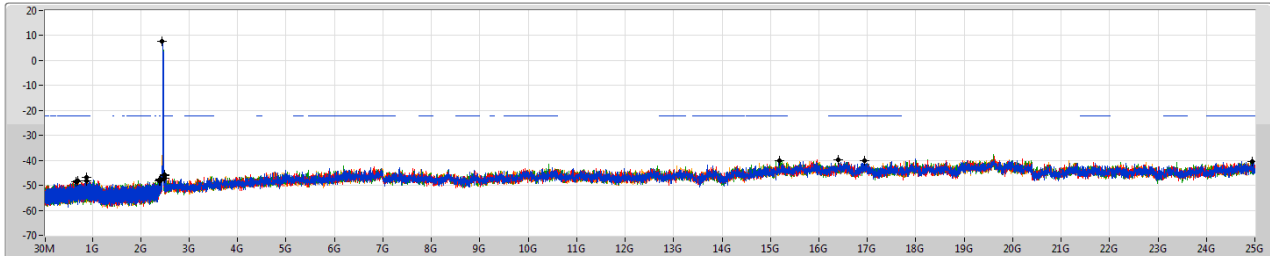
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43749G | 7.71     | -22.29     | 528.91M  | -48.55     | 2.39998G | -47.50     | 2.51668G | -46.50     | 24.823G   | -40.04     | 1    |
| 2.43749G | 7.71     | -22.29     | 891.52M  | -47.64     | 2.39998G | -47.22     | 2.51234G | -46.98     | 16.96746G | -39.72     | 2    |
| 2.43749G | 7.71     | -22.29     | 862.98M  | -47.52     | 2.39728G | -48.05     | 2.49946G | -46.33     | 16.59008G | -39.88     | 3    |
| 2.43749G | 7.71     | -22.29     | 726.67M  | -48.23     | 2.39454G | -48.00     | 2.48952G | -46.86     | 24.29199G | -39.64     | 4    |

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

CSE NdB

2462MHz

09/07/2019



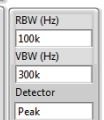
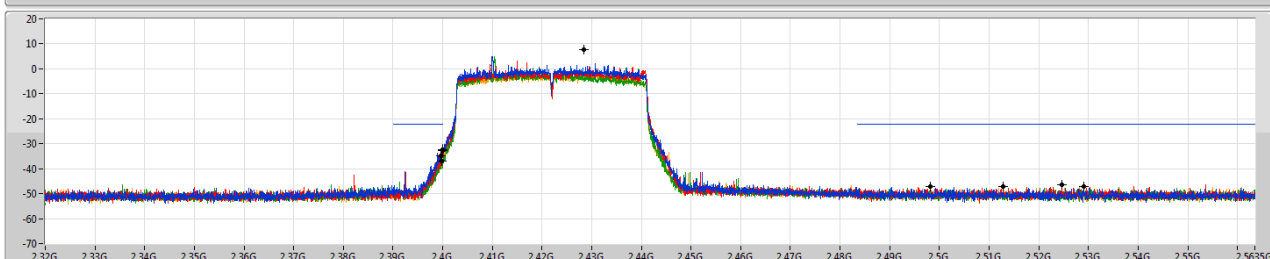
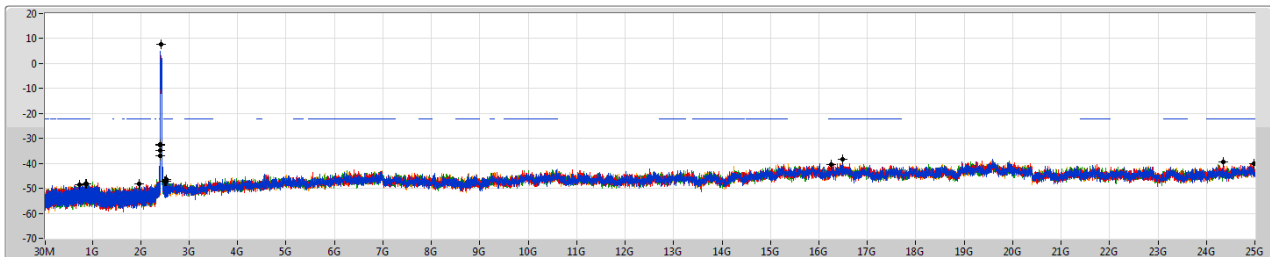
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43749G | 7.71     | -22.29     | 661.43M  | -48.57     | 2.39632G | -48.15     | 2.48408G | -45.71     | 16.9506G  | -40.18     | 1    |
| 2.43749G | 7.71     | -22.29     | 875.5M   | -46.92     | 2.39846G | -47.63     | 2.49042G | -45.89     | 16.39431G | -39.73     | 2    |
| 2.43749G | 7.71     | -22.29     | 882.49M  | -48.26     | 2.39344G | -47.96     | 2.48978G | -46.26     | 15.18058G | -40.17     | 3    |
| 2.43749G | 7.71     | -22.29     | 699.29M  | -48.25     | 2.39058G | -48.19     | 2.49192G | -47.02     | 24.93819G | -40.46     | 4    |

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

CSE NdB

2422MHz

09/07/2019



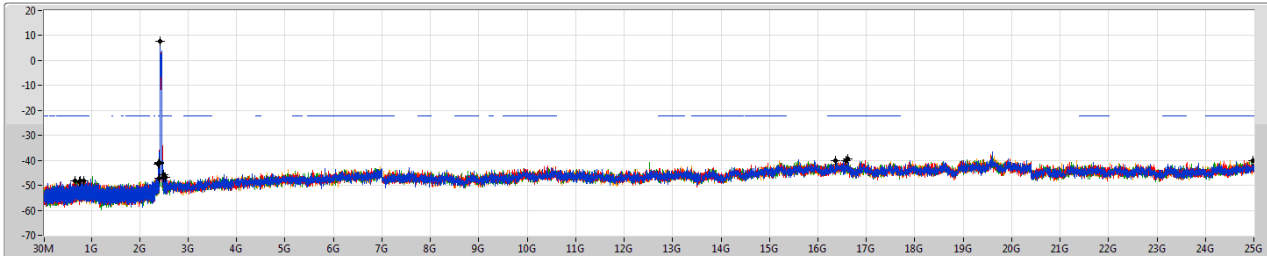
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42847G | 7.74     | -22.26     | 874.44M  | -48.12     | 2.39996G | -32.53     | 2.51286G | -47.09     | 16.40096G | -38.28     | 1    |
| 2.42847G | 7.74     | -22.26     | 1.96505G | -48.30     | 2.39996G | -32.62     | 2.52458G | -46.31     | 24.35495G | -39.58     | 2    |
| 2.42847G | 7.74     | -22.26     | 737.61M  | -48.39     | 2.39988G | -36.79     | 2.49818G | -47.03     | 16.26098G | -40.34     | 3    |
| 2.42847G | 7.74     | -22.26     | 862.42M  | -48.34     | 2.39956G | -34.75     | 2.52914G | -47.31     | 24.98037G | -40.00     | 4    |

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

CSE NdB

2437MHz

09/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

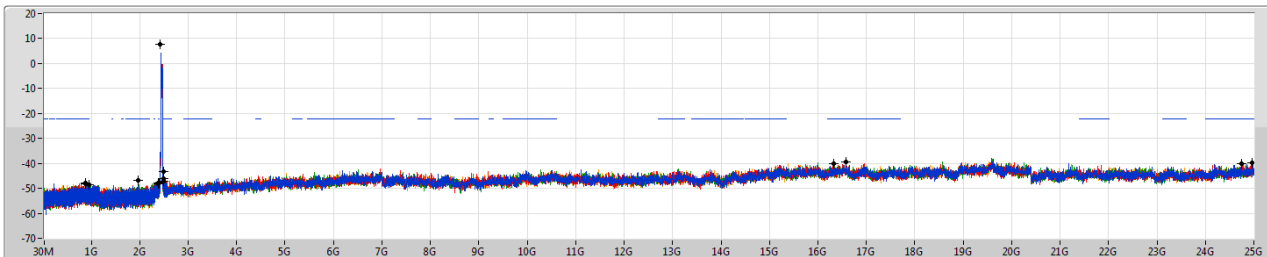
| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 242847G | 7.74     | -22.26     | 749.06M  | -48.49     | 2.3026G  | -41.45     | 2.49426G | -45.85     | 16.5779G  | -40.29     | 1    |
| 242847G | 7.74     | -22.26     | 844.95M  | -48.16     | 2.39912G | -41.26     | 2.53234G | -46.94     | 16.35914G | -39.95     | 2    |
| 242847G | 7.74     | -22.26     | 781.12M  | -48.18     | 2.39568G | -47.02     | 2.48402G | -46.65     | 24.98037G | -40.22     | 3    |
| 242847G | 7.74     | -22.26     | 661.75M  | -48.16     | 2.3978G  | -40.85     | 2.4841G  | -45.87     | 16.61155G | -39.43     | 4    |

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

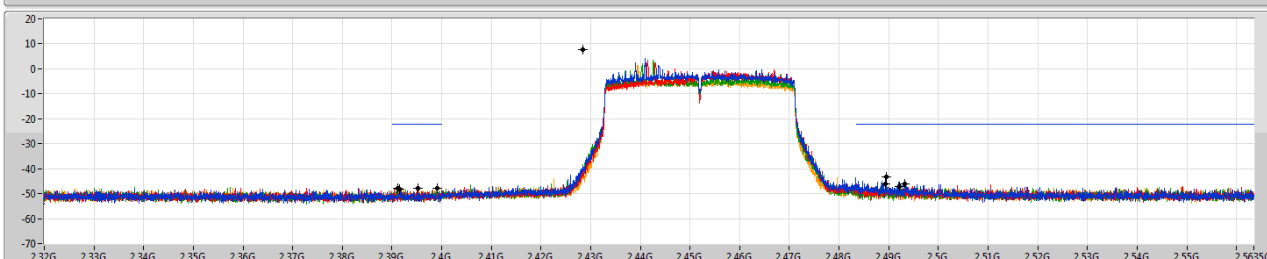
CSE NdB

2452MHz

09/07/2019



Port 1  
Port 2  
Port 3  
Port 4



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz) | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|---------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 242847G | 7.74     | -22.26     | 1.96219G | -46.67     | 2.39912G | -47.85     | 2.4895G  | -43.14     | 16.31988G | -40.17     | 1    |
| 242847G | 7.74     | -22.26     | 879.59M  | -48.20     | 2.39916G | -47.73     | 2.49326G | -46.12     | 16.5779G  | -39.28     | 2    |
| 242847G | 7.74     | -22.26     | 887.03M  | -47.83     | 2.39528G | -48.01     | 2.49222G | -47.27     | 24.74478G | -40.14     | 3    |
| 242847G | 7.74     | -22.26     | 956.59M  | -48.59     | 2.39152G | -48.36     | 2.48926G | -46.24     | 24.96635G | -39.82     | 4    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_1TX       | Pass   | 2.43599G    | 15.05        | -14.95         | 888.31M      | -52.95         | 2.39948G     | -31.64         | 2.50114G     | -51.64         | 16.98151G    | -44.41         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | Pass   | 2.43198G    | 12.90        | -17.10         | 1.98895G     | -53.10         | 2.39952G     | -27.27         | 2.49498G     | -50.17         | 23.45474G    | -44.82         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | Pass   | 2.43198G    | 12.50        | -17.50         | 726.67M      | -52.99         | 2.39966G     | -26.64         | 2.4999G      | -51.17         | 17.66704G    | -44.80         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | Pass   | 2.42826G    | 4.42         | -25.58         | 2.15369G     | -52.62         | 2.39984G     | -30.42         | 2.49178G     | -50.49         | 17.69972G    | -44.35         | 1    |

**Result**

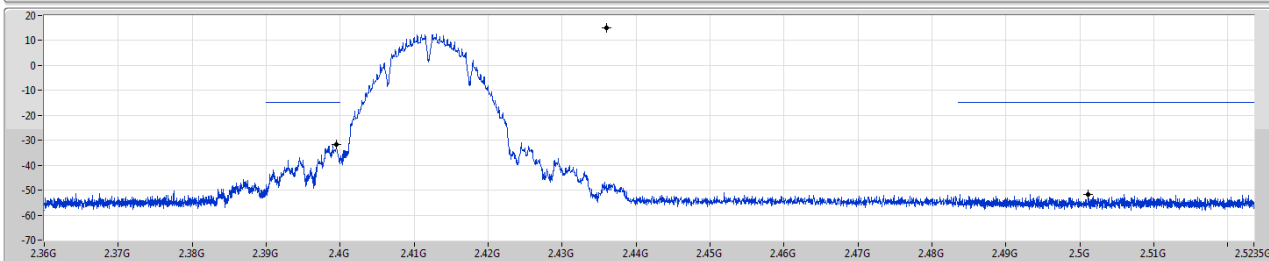
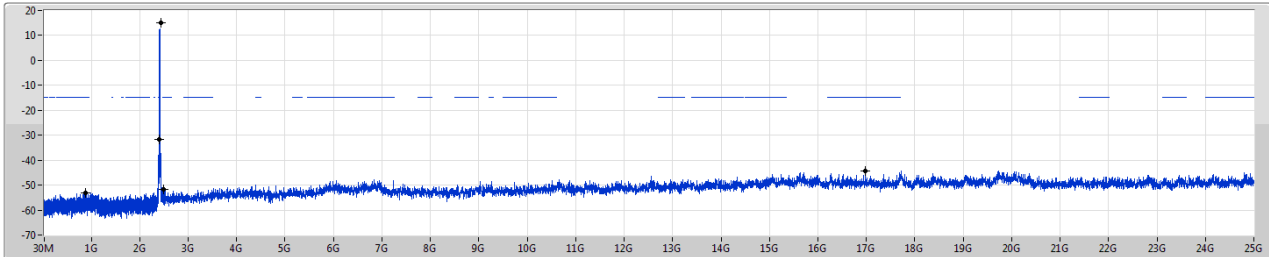
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43599G    | 15.05        | -14.95         | 888.31M      | -52.95         | 2.39948G     | -31.64         | 2.50114G     | -51.64         | 16.98151G    | -44.41         | 1    |
| 2437MHz                        | Pass   | 2.43599G    | 15.05        | -14.95         | 2.19166G     | -52.88         | 2.39948G     | -45.47         | 2.487G       | -48.50         | 16.33812G    | -45.25         | 1    |
| 2462MHz                        | Pass   | 2.43599G    | 15.05        | -14.95         | 2.02798G     | -53.34         | 2.39674G     | -52.40         | 2.48686G     | -49.65         | 24.92414G    | -43.52         | 1    |
| 802.11g_Nss1,(6Mbps)_1TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43198G    | 12.90        | -17.10         | 1.98895G     | -53.10         | 2.39952G     | -27.27         | 2.49498G     | -50.17         | 23.45474G    | -44.82         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 12.90        | -17.10         | 908.12M      | -52.49         | 2.39982G     | -35.53         | 2.48352G     | -43.83         | 17.02365G    | -44.48         | 1    |
| 2462MHz                        | Pass   | 2.43198G    | 12.90        | -17.10         | 833.27M      | -53.06         | 2.39814G     | -51.30         | 2.4841G      | -43.88         | 23.16817G    | -45.47         | 1    |
| 802.11ax HEW20_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43198G    | 12.50        | -17.50         | 726.67M      | -52.99         | 2.39966G     | -26.64         | 2.4999G      | -51.17         | 17.66704G    | -44.80         | 1    |
| 2437MHz                        | Pass   | 2.43198G    | 12.50        | -17.50         | 1.91264G     | -52.84         | 2.39866G     | -37.44         | 2.48354G     | -46.55         | 21.45433G    | -45.08         | 1    |
| 2462MHz                        | Pass   | 2.43198G    | 12.50        | -17.50         | 935.5M       | -53.21         | 2.39194G     | -51.19         | 2.48426G     | -43.50         | 15.27329G    | -45.34         | 1    |
| 802.11ax HEW40_Nss1,(MCS0)_1TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.42826G    | 4.42         | -25.58         | 2.15369G     | -52.62         | 2.39984G     | -30.42         | 2.49178G     | -50.49         | 17.69972G    | -44.35         | 1    |
| 2437MHz                        | Pass   | 2.42826G    | 4.42         | -25.58         | 2.12735G     | -52.63         | 2.39976G     | -38.94         | 2.48574G     | -42.39         | 15.07465G    | -45.06         | 1    |
| 2452MHz                        | Pass   | 2.42826G    | 4.42         | -25.58         | 1.95131G     | -52.64         | 2.39824G     | -51.79         | 2.48826G     | -40.68         | 17.69972G    | -44.81         | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2412MHz

CSE NdB

08/07/2019



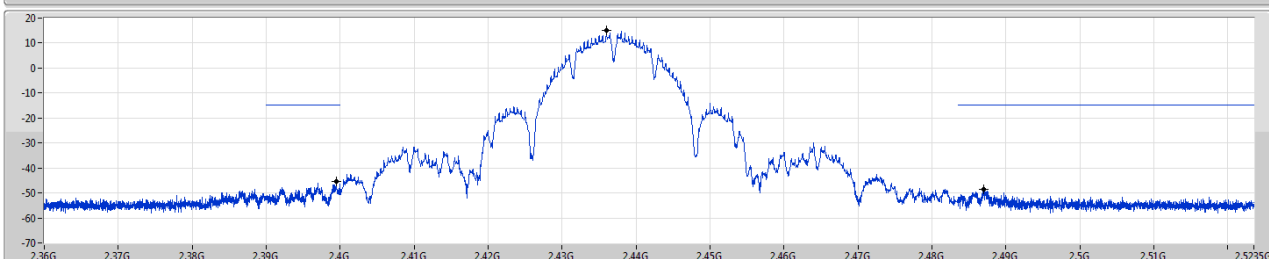
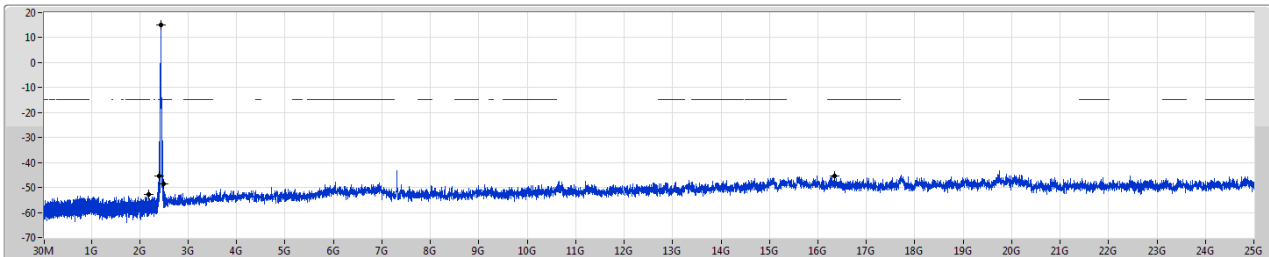
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43599G | 15.05    | -14.95     | 888.31M  | -52.95     | 2.39948G | -31.64     | 2.50114G | -51.64     | 16.98151G | -44.41     | 1    |

## 802.11b\_Nss1,(1Mbps)\_1TX

2437MHz

CSE NdB

08/07/2019



| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43599G | 15.05    | -14.95     | 2.19166G | -52.88     | 2.39948G | -45.47     | 2.487G   | -48.50     | 16.33812G | -45.25     | 1    |

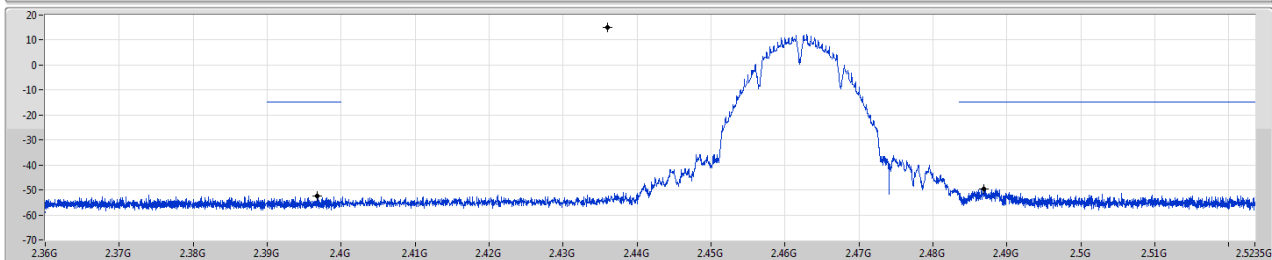
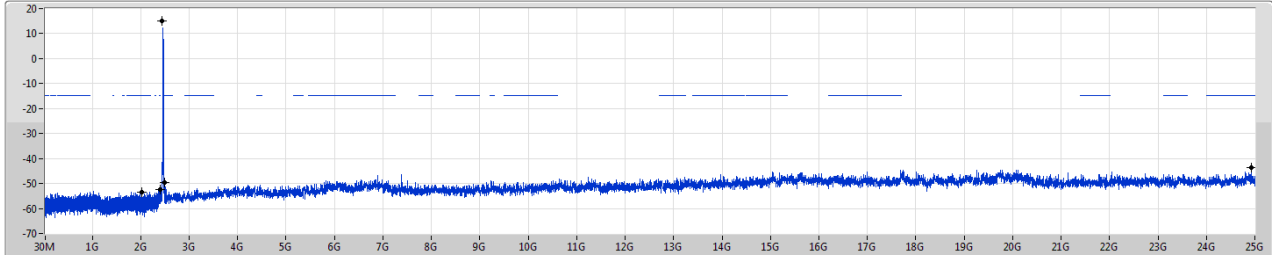
## 802.11b\_Nss1,(1Mbps)\_1TX

2462MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43599G | 15.05    | -14.95     | 2.02798G | -53.34     | 2.39674G | -52.40     | 2.48686G | -49.65     | 2.492414G | -43.52     | 1    |

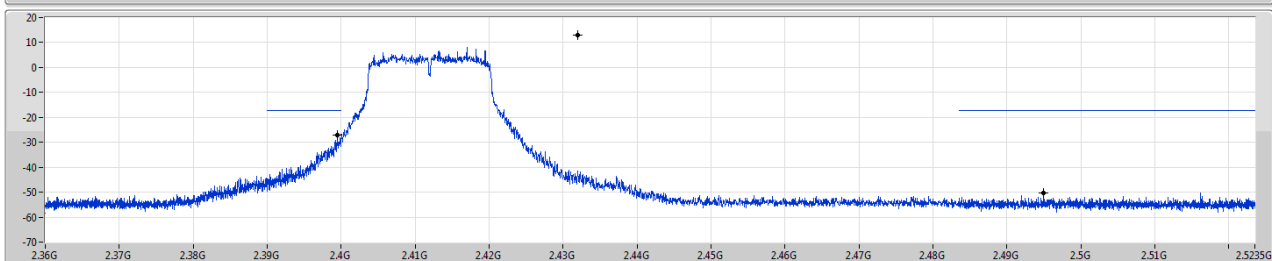
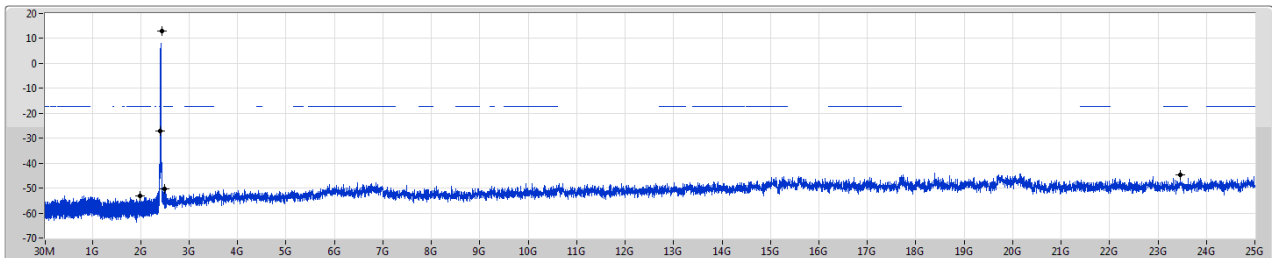
## 802.11g\_Nss1,(6Mbps)\_1TX

2412MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|------|
| 2.43198G | 12.90    | -17.10     | 1.98895G | -53.10     | 2.39952G | -27.27     | 2.49498G | -50.17     | 2.45474G | -44.82     | 1    |

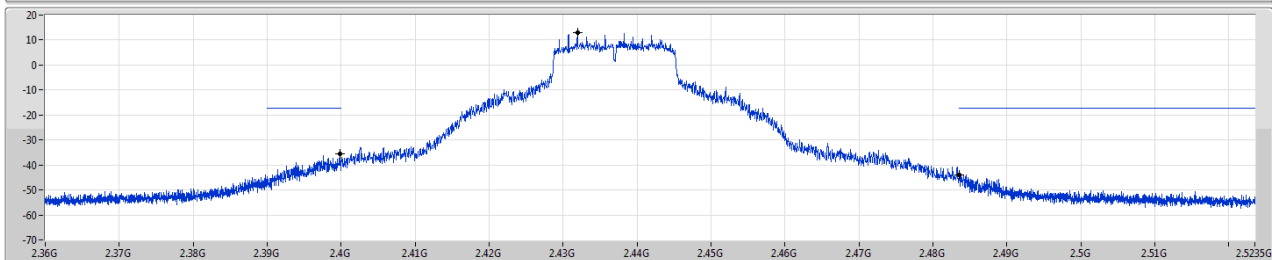
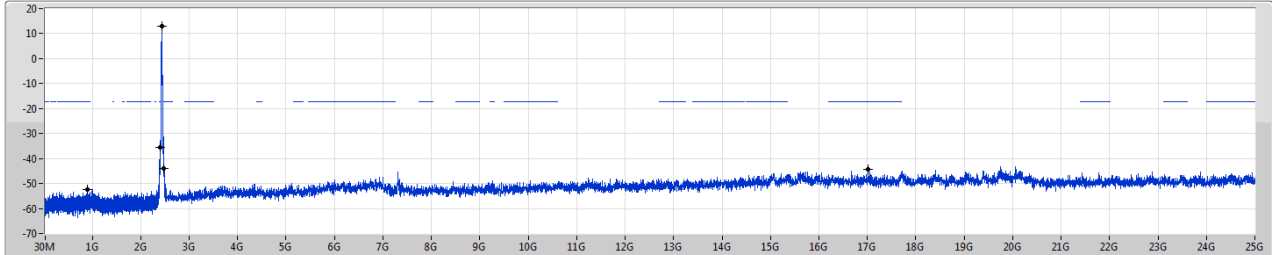
## 802.11g\_Nss1,(6Mbps)\_1TX

2437MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 12.90    | -17.10     | 908.12M  | -52.49     | 2.39982G | -35.53     | 2.48352G | -43.83     | 17.02365G | -44.48     | 1    |

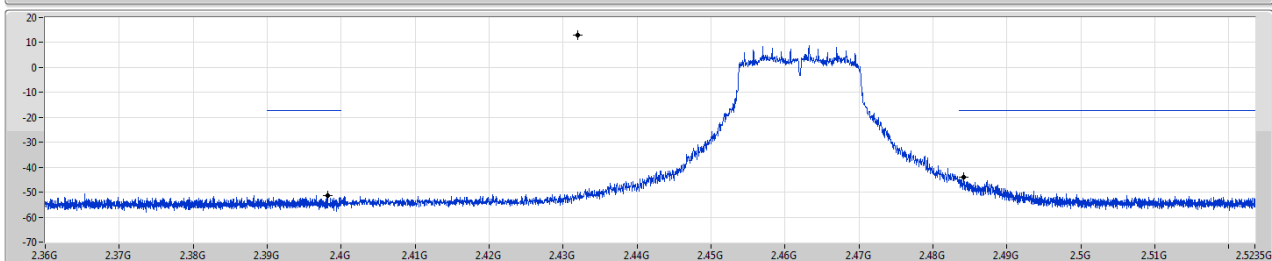
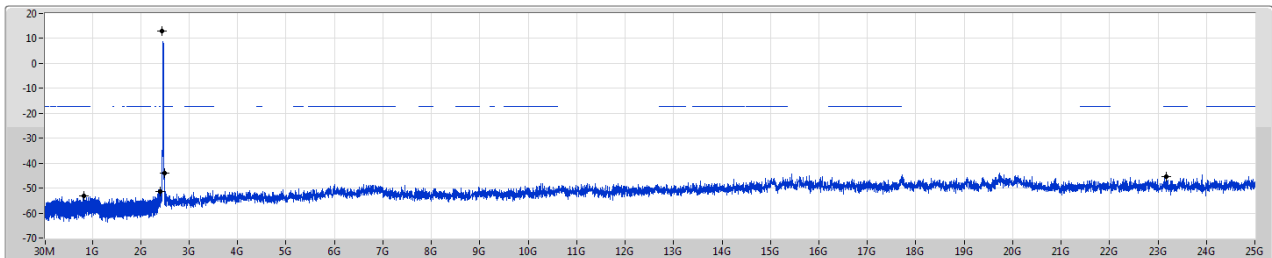
## 802.11g\_Nss1,(6Mbps)\_1TX

2462MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 12.90    | -17.10     | 833.27M  | -53.06     | 2.39814G | -51.30     | 2.4841G  | -43.88     | 23.16817G | -45.47     | 1    |

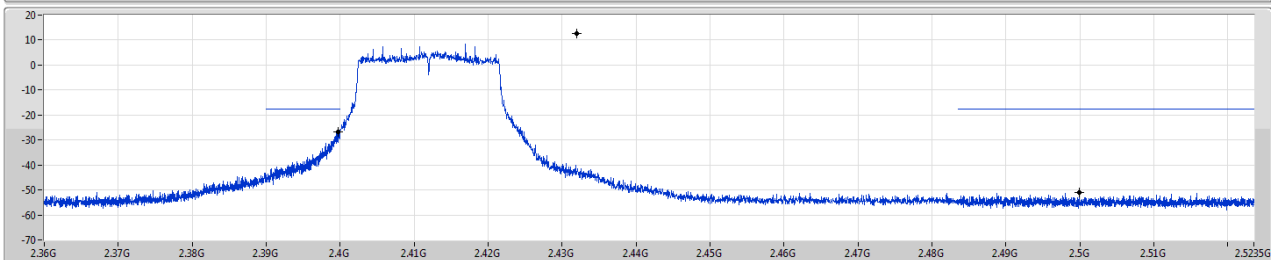
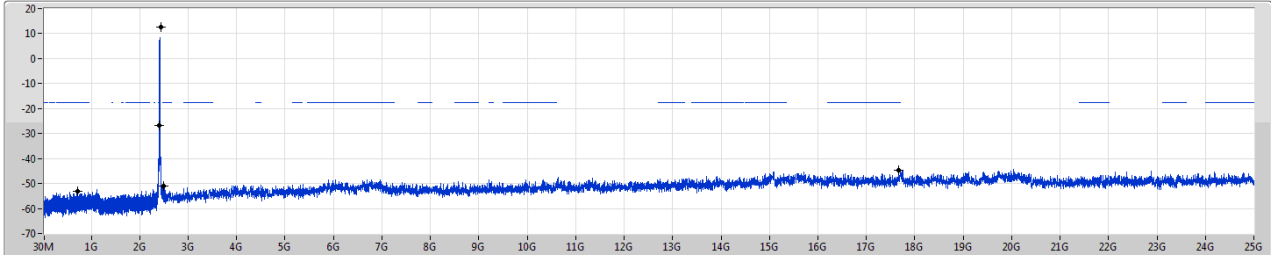
802.11ax HEW20\_Nss1,(MCS0)\_1TX

2412MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

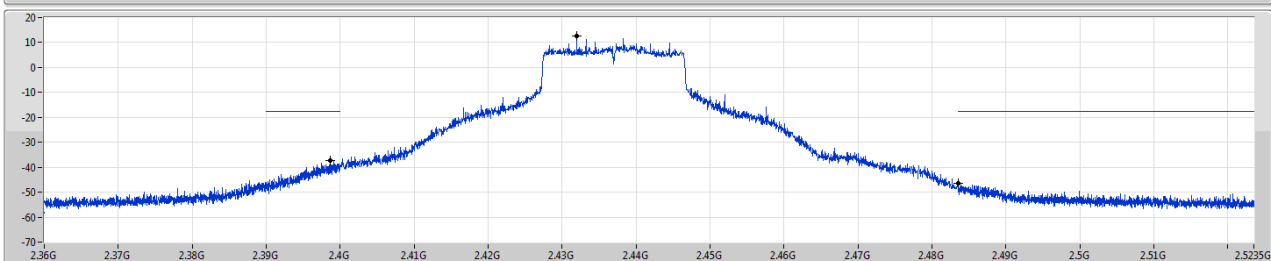
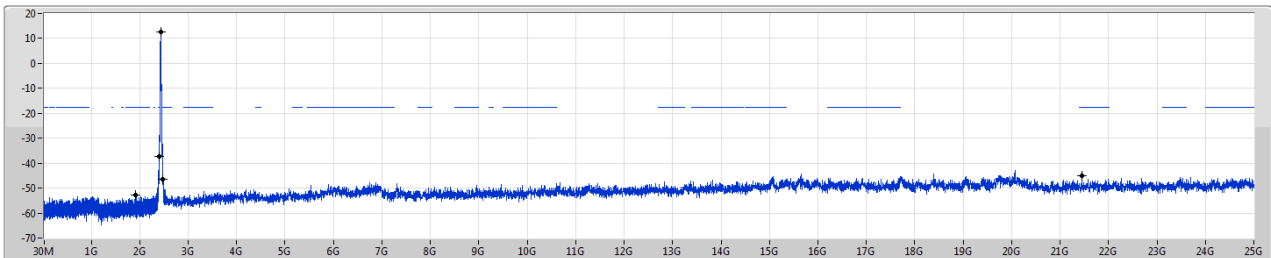
802.11ax HEW20\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

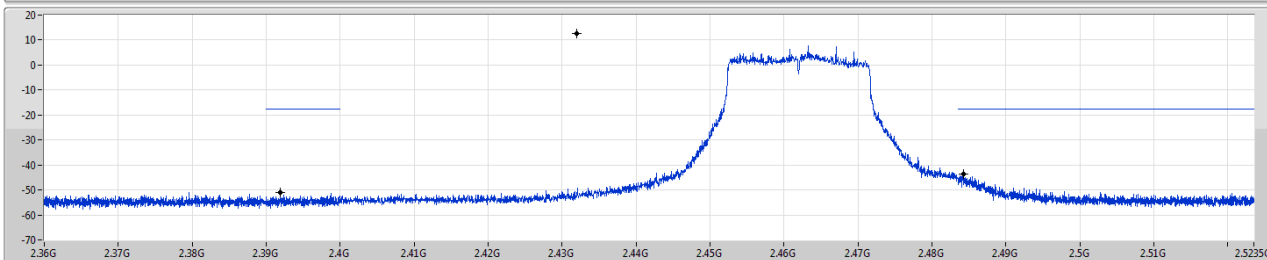
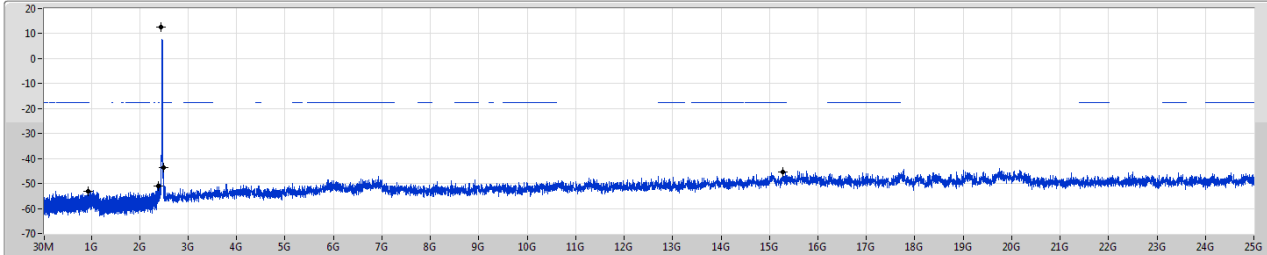
## 802.11ax HEW20\_Nss1,(MCS0)\_1TX

2462MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43198G | 12.50    | -17.50     | 935.5M   | -53.21     | 2.39194G | -51.19     | 2.48426G | -43.50     | 15.27329G | -45.34     | 1    |

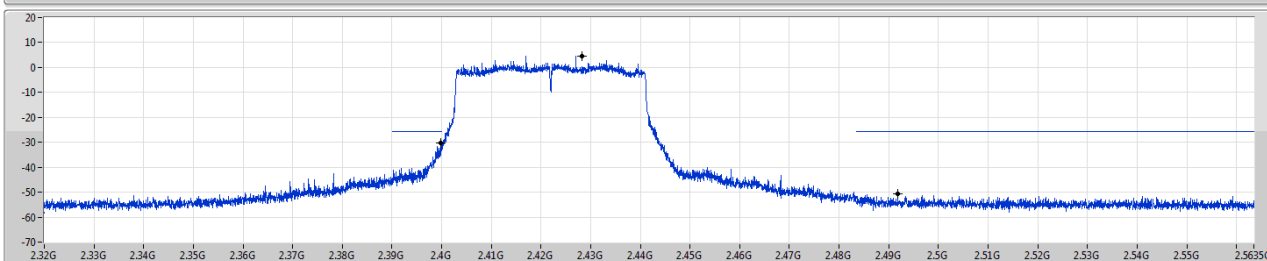
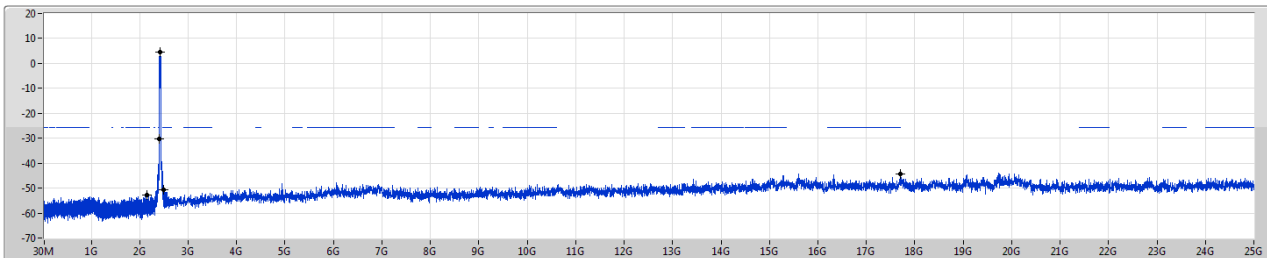
## 802.11ax HEW40\_Nss1,(MCS0)\_1TX

2422MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42826G | 4.42     | -25.58     | 2.15369G | -52.62     | 2.39984G | -30.42     | 2.49178G | -50.49     | 17.69972G | -44.35     | 1    |

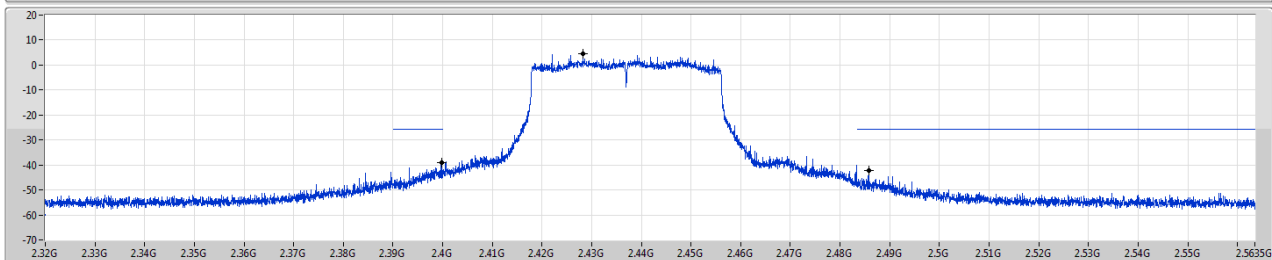
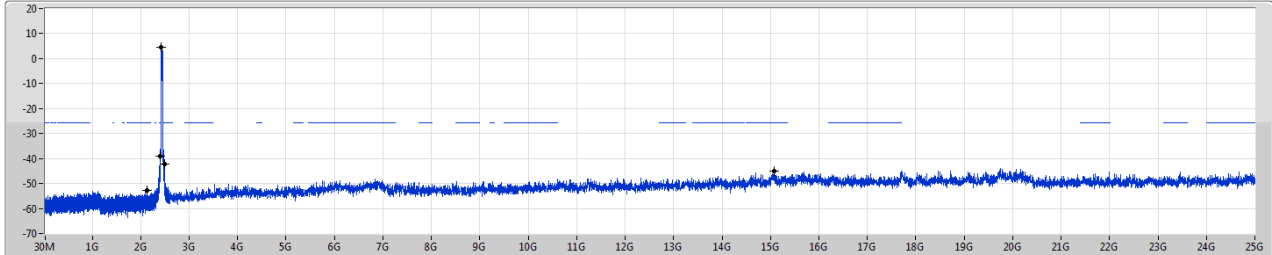
802.11ax HEW40\_Nss1,(MCS0)\_1TX

2437MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42826G | 4.42     | -25.58     | 2.12735G | -52.63     | 2.39976G | -38.94     | 2.48574G | -42.39     | 15.07465G | -45.06     | 1    |

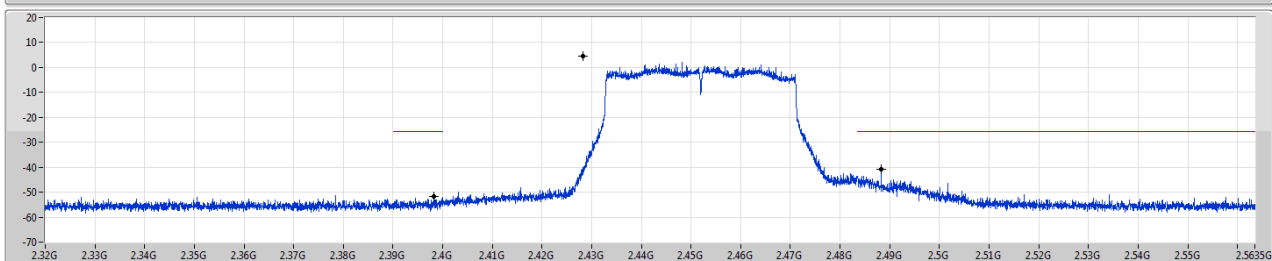
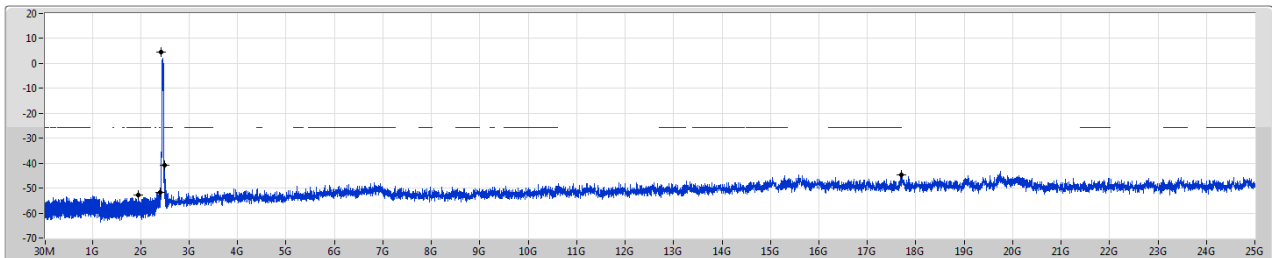
802.11ax HEW40\_Nss1,(MCS0)\_1TX

2452MHz

CSE NdB

08/07/2019

Port1



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42826G | 4.42     | -25.58     | 1.95131G | -52.64     | 2.39824G | -51.79     | 2.48826G | -40.68     | 17.69972G | -44.81     | 1    |

**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 |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                  | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11b_Nss1,(1Mbps)_2TX       | Pass   | 2.43599G    | 14.56        | -15.44         | 2.30874G     | -52.04         | 2.3985G      | -36.53         | 2.51252G     | -51.72         | 24.81457G    | -44.83         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | Pass   | 2.44196G    | 12.32        | -17.68         | 916.57M      | -53.10         | 2.39988G     | -29.10         | 2.4859G      | -51.13         | 24.5308G     | -45.74         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | Pass   | 2.43323G    | 10.57        | -19.43         | 725.8M       | -52.58         | 2.39988G     | -27.45         | 2.49766G     | -50.94         | 17.68109G    | -44.75         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | Pass   | 2.42572G    | 2.88         | -27.12         | 899.34M      | -53.09         | 2.3998G      | -32.88         | 2.48854G     | -51.25         | 24.95232G    | -44.96         | 2    |

**Result**

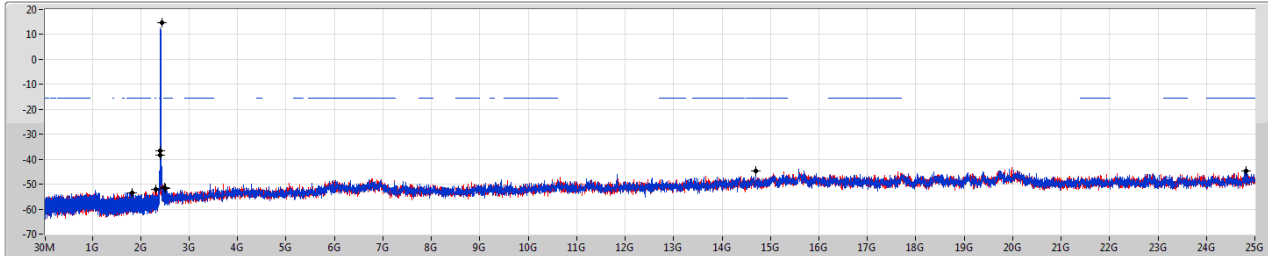
| Mode                           | Result | Ref<br>(Hz) | Ref<br>(dBm) | Limit<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Freq<br>(Hz) | Level<br>(dBm) | Port |
|--------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11b_Nss1,(1Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43599G    | 14.56        | -15.44         | 1.81624G     | -53.32         | 2.3992G      | -38.53         | 2.4982G      | -51.41         | 14.69733G    | -44.85         | 1    |
| 2412MHz                        | Pass   | 2.43599G    | 14.56        | -15.44         | 2.30874G     | -52.04         | 2.3985G      | -36.53         | 2.51252G     | -51.72         | 24.81457G    | -44.83         | 2    |
| 2437MHz                        | Pass   | 2.43599G    | 14.56        | -15.44         | 1.81536G     | -53.35         | 2.39956G     | -49.60         | 2.5146G      | -51.50         | 16.58817G    | -45.40         | 1    |
| 2437MHz                        | Pass   | 2.43599G    | 14.56        | -15.44         | 922.68M      | -53.45         | 2.39946G     | -48.98         | 2.49592G     | -50.85         | 24.7949G     | -45.36         | 2    |
| 2462MHz                        | Pass   | 2.43599G    | 14.56        | -15.44         | 1.76818G     | -52.65         | 2.39896G     | -52.81         | 2.48682G     | -50.32         | 24.58699G    | -44.79         | 1    |
| 2462MHz                        | Pass   | 2.43599G    | 14.56        | -15.44         | 920.06M      | -52.87         | 2.39748G     | -52.74         | 2.49014G     | -50.56         | 15.06258G    | -44.55         | 2    |
| 802.11g_Nss1,(6Mbps)_2TX       | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.44196G    | 12.32        | -17.68         | 902.59M      | -52.39         | 2.39988G     | -30.23         | 2.50798G     | -50.70         | 15.07382G    | -44.34         | 1    |
| 2412MHz                        | Pass   | 2.44196G    | 12.32        | -17.68         | 916.57M      | -53.10         | 2.39988G     | -29.10         | 2.4859G      | -51.13         | 24.5308G     | -45.74         | 2    |
| 2437MHz                        | Pass   | 2.44196G    | 12.32        | -17.68         | 292.71M      | -53.25         | 2.3995G      | -39.26         | 2.4845G      | -48.64         | 24.76962G    | -45.07         | 1    |
| 2437MHz                        | Pass   | 2.44196G    | 12.32        | -17.68         | 2.3G         | -52.64         | 2.39764G     | -38.16         | 2.48578G     | -46.70         | 24.86514G    | -45.12         | 2    |
| 2462MHz                        | Pass   | 2.44196G    | 12.32        | -17.68         | 1.9671G      | -52.97         | 2.39084G     | -52.17         | 2.48356G     | -46.38         | 17.6839G     | -44.42         | 1    |
| 2462MHz                        | Pass   | 2.44196G    | 12.32        | -17.68         | 2.12933G     | -51.67         | 2.39708G     | -52.65         | 2.48416G     | -47.62         | 24.84828G    | -45.09         | 2    |
| 802.11ax HEW20_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                        | Pass   | 2.43323G    | 10.57        | -19.43         | 885.4M       | -52.78         | 2.39984G     | -29.66         | 2.50878G     | -51.64         | 24.83424G    | -44.76         | 1    |
| 2412MHz                        | Pass   | 2.43323G    | 10.57        | -19.43         | 725.8M       | -52.58         | 2.39988G     | -27.45         | 2.49766G     | -50.94         | 17.68109G    | -44.75         | 2    |
| 2437MHz                        | Pass   | 2.43323G    | 10.57        | -19.43         | 848.12M      | -53.17         | 2.39862G     | -37.89         | 2.48388G     | -49.30         | 17.68952G    | -45.25         | 1    |
| 2437MHz                        | Pass   | 2.43323G    | 10.57        | -19.43         | 2.19108G     | -52.92         | 2.3985G      | -39.53         | 2.48356G     | -47.35         | 15.33791G    | -44.84         | 2    |
| 2462MHz                        | Pass   | 2.43323G    | 10.57        | -19.43         | 1.82556G     | -52.23         | 2.39572G     | -50.99         | 2.48476G     | -46.05         | 17.68671G    | -44.63         | 1    |
| 2462MHz                        | Pass   | 2.43323G    | 10.57        | -19.43         | 2.11797G     | -53.09         | 2.39448G     | -51.92         | 2.48366G     | -47.98         | 16.24821G    | -44.08         | 2    |
| 802.11ax HEW40_Nss1,(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                        | Pass   | 2.42572G    | 2.88         | -27.12         | 2.03604G     | -52.57         | 2.39992G     | -34.48         | 2.54282G     | -51.75         | 24.80929G    | -45.23         | 1    |
| 2422MHz                        | Pass   | 2.42572G    | 2.88         | -27.12         | 899.34M      | -53.09         | 2.3998G      | -32.88         | 2.48854G     | -51.25         | 24.95232G    | -44.96         | 2    |
| 2437MHz                        | Pass   | 2.42572G    | 2.88         | -27.12         | 876.16M      | -53.47         | 2.39076G     | -47.95         | 2.48418G     | -49.22         | 17.69692G    | -45.09         | 1    |
| 2437MHz                        | Pass   | 2.42572G    | 2.88         | -27.12         | 870.72M      | -52.39         | 2.39952G     | -43.35         | 2.48386G     | -47.44         | 17.16686G    | -44.91         | 2    |
| 2452MHz                        | Pass   | 2.42572G    | 2.88         | -27.12         | 231.81M      | -52.60         | 2.39124G     | -52.79         | 2.4857G      | -45.53         | 24.82331G    | -45.58         | 1    |
| 2452MHz                        | Pass   | 2.42572G    | 2.88         | -27.12         | 2.16972G     | -52.61         | 2.397G       | -53.28         | 2.48942G     | -45.76         | 17.5006G     | -44.83         | 2    |

802.11b\_Nss1,(1Mbps)\_2TX

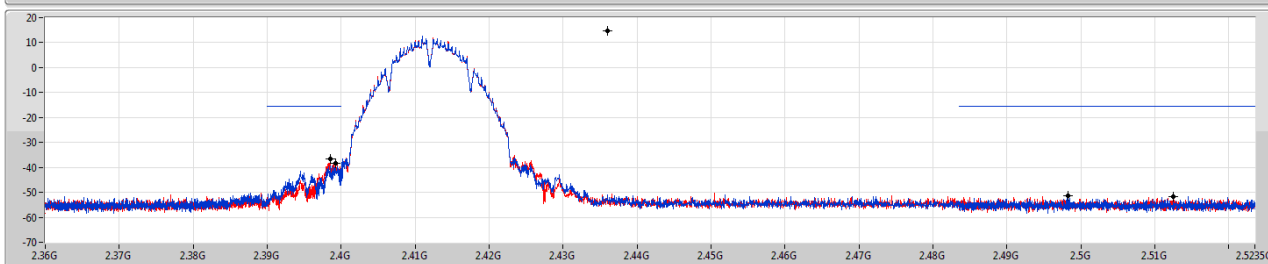
2412MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

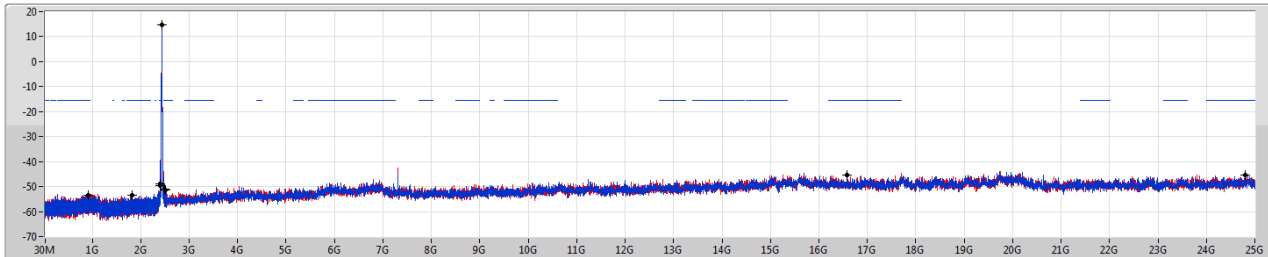
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43599G | 14.56    | -15.44     | 1.81624G | -53.32     | 2.3992G  | -38.53     | 2.4982G  | -51.41     | 14.69733G | -44.85     | 1    |
| 2.43599G | 14.56    | -15.44     | 2.30874G | -52.04     | 2.3985G  | -36.53     | 2.51252G | -51.72     | 24.81457G | -44.83     | 2    |

802.11b\_Nss1,(1Mbps)\_2TX

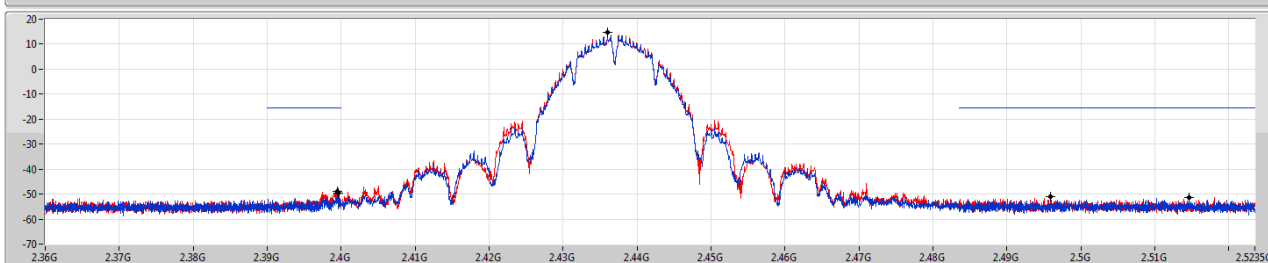
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

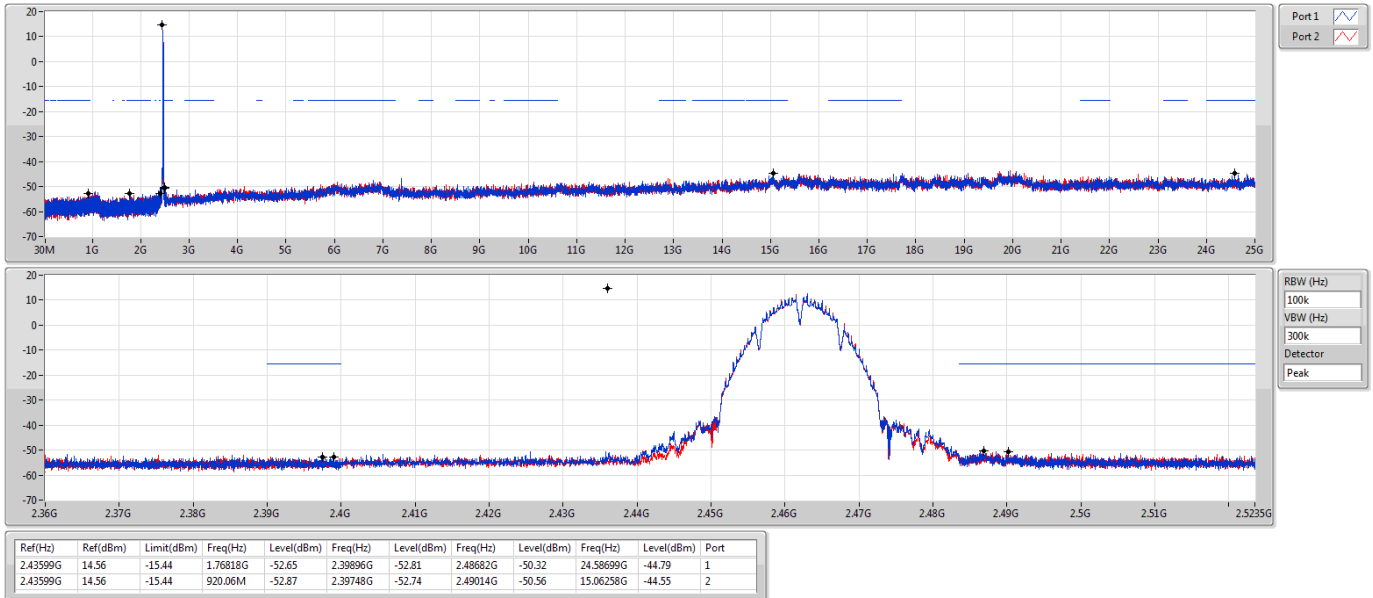
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43599G | 14.56    | -15.44     | 1.81536G | -53.35     | 2.39956G | -49.60     | 2.5146G  | -51.50     | 16.58817G | -45.40     | 1    |
| 2.43599G | 14.56    | -15.44     | 922.68M  | -53.45     | 2.39946G | -48.98     | 2.49592G | -50.85     | 24.7949G  | -45.36     | 2    |

## 802.11b\_Nss1,(1Mbps)\_2TX

2462MHz

CSE NdB

08/07/2019

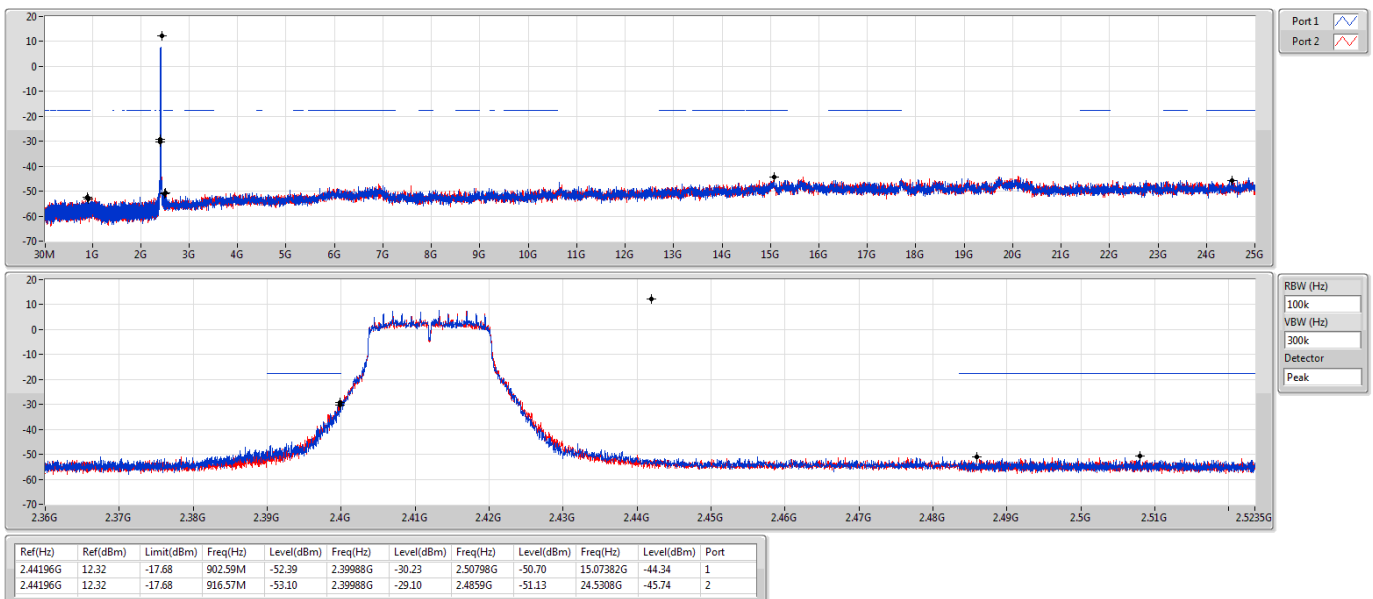


## 802.11g\_Nss1,(6Mbps)\_2TX

2412MHz

CSE NdB

08/07/2019

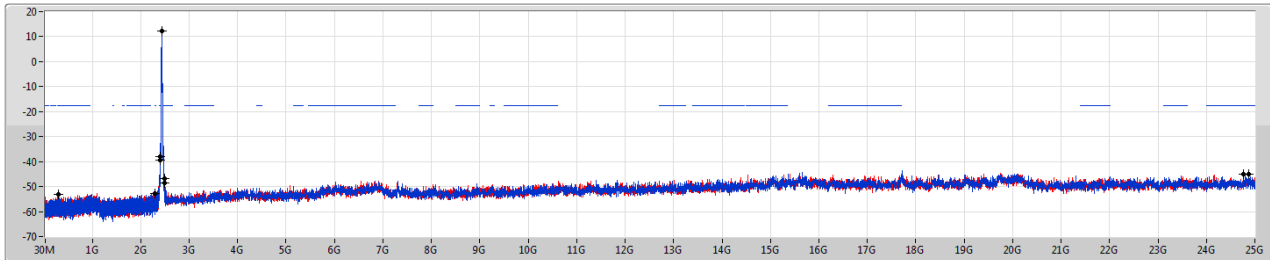


802.11g\_Nss1,(6Mbps)\_2TX

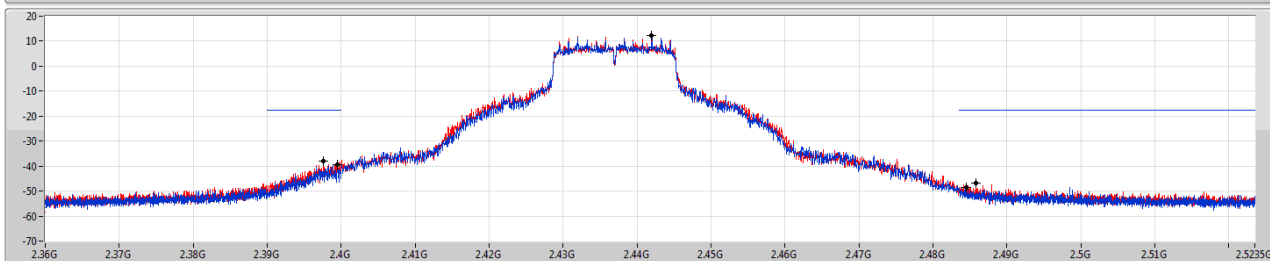
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

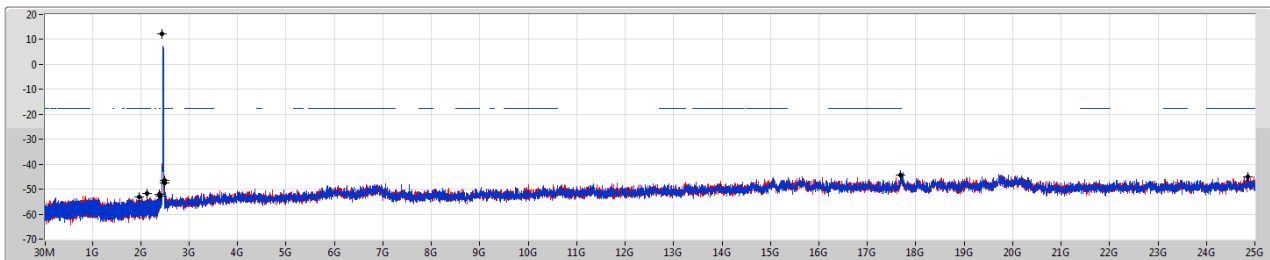
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.32    | -17.68     | 292.71M  | -53.25     | 2.3995G  | -39.26     | 2.4845G  | -48.64     | 24.76962G | -45.07     | 1    |
| 2.44196G | 12.32    | -17.68     | 2.3G     | -52.64     | 2.39764G | -38.16     | 2.48578G | -46.70     | 24.86514G | -45.12     | 2    |

802.11g\_Nss1,(6Mbps)\_2TX

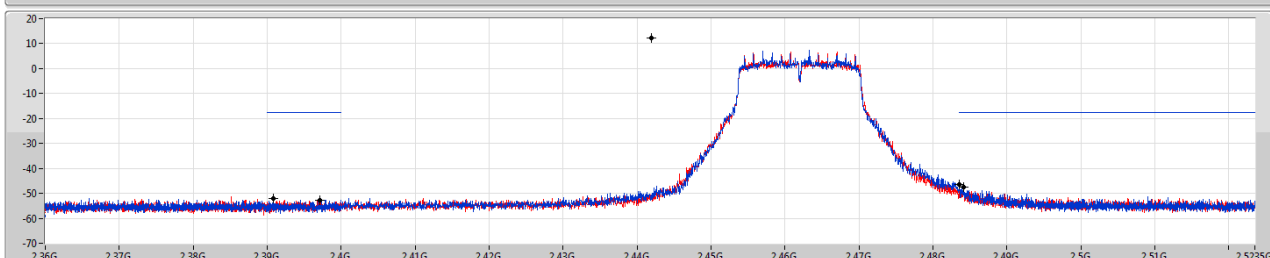
2462MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

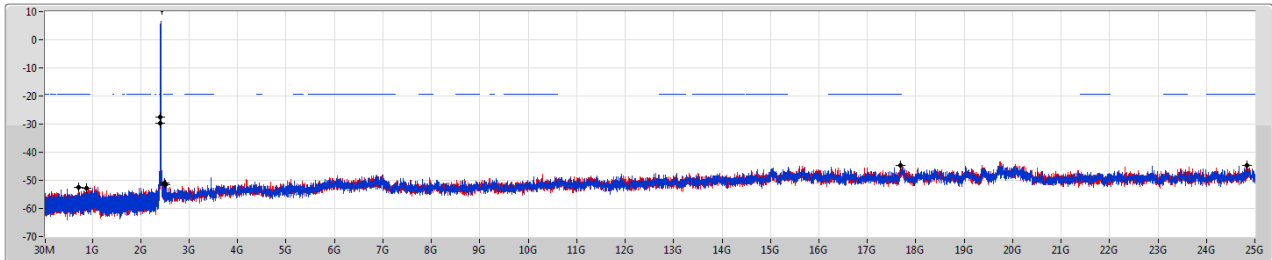
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.44196G | 12.32    | -17.68     | 1.9671G  | -52.97     | 2.39084G | -52.17     | 2.48356G | -46.38     | 17.6839G  | -44.42     | 1    |
| 2.44196G | 12.32    | -17.68     | 2.12933G | -51.67     | 2.39708G | -52.65     | 2.48416G | -47.62     | 24.84828G | -45.09     | 2    |

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

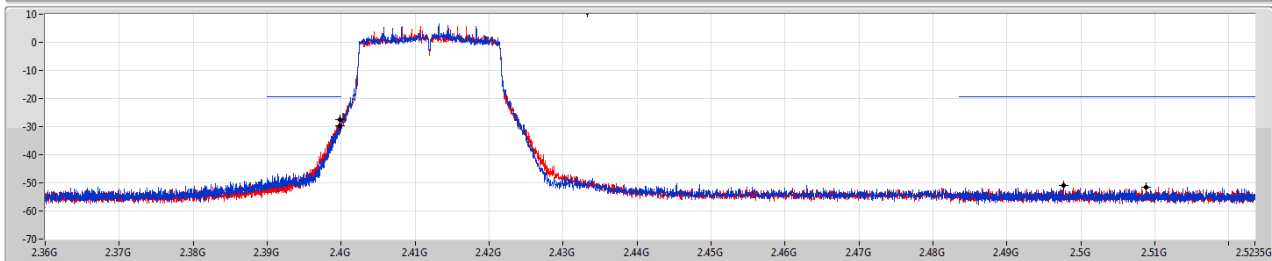
2412MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

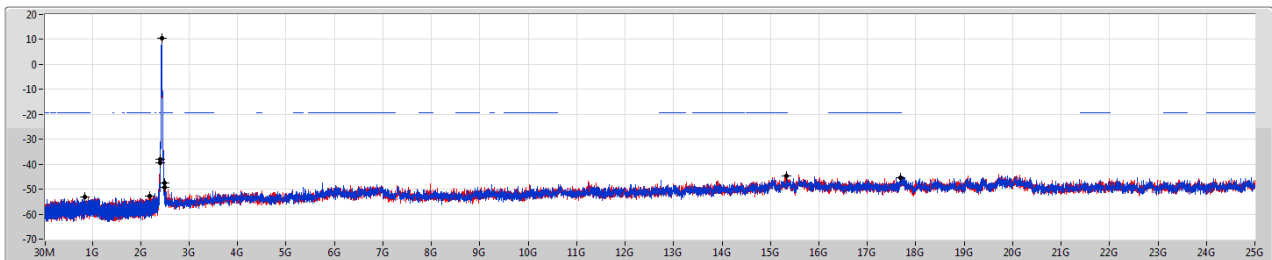
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43232G | 10.57    | -19.43     | 885.4M   | -52.78     | 2.39984G | -29.66     | 2.50878G | -51.64     | 24.83424G | -44.76     | 1    |
| 2.43232G | 10.57    | -19.43     | 725.8M   | -52.58     | 2.39988G | -27.45     | 2.49766G | -50.94     | 17.68109G | -44.75     | 2    |

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

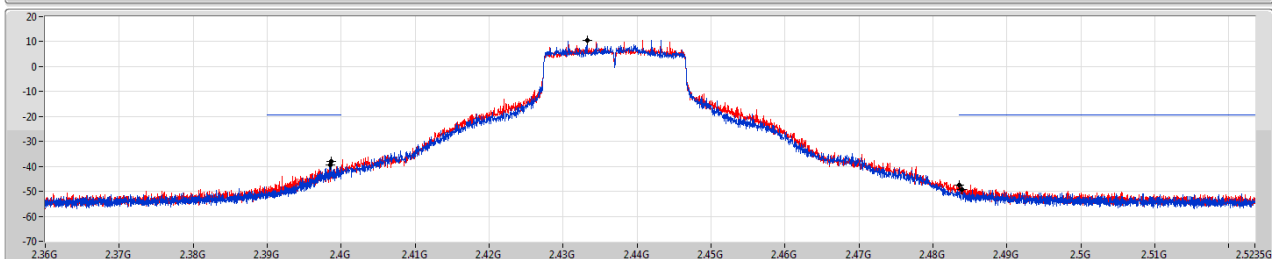
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

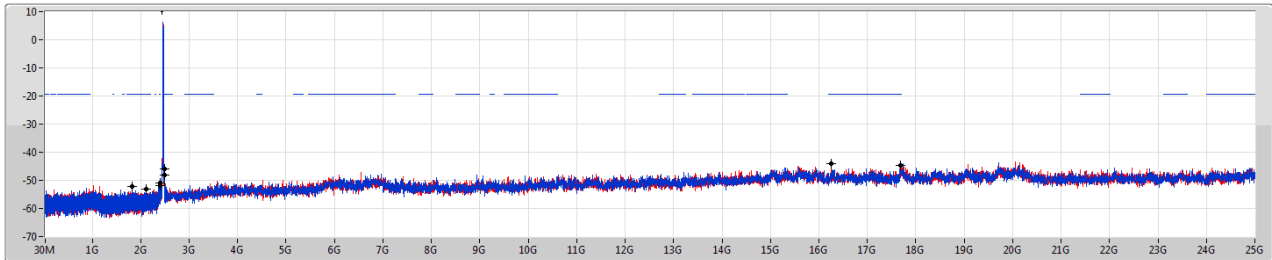
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43232G | 10.57    | -19.43     | 848.12M  | -53.17     | 2.39862G | -37.89     | 2.48388G | -49.30     | 17.68952G | -45.25     | 1    |
| 2.43232G | 10.57    | -19.43     | 2.19108G | -52.92     | 2.3985G  | -39.53     | 2.48356G | -47.35     | 15.33791G | -44.84     | 2    |

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

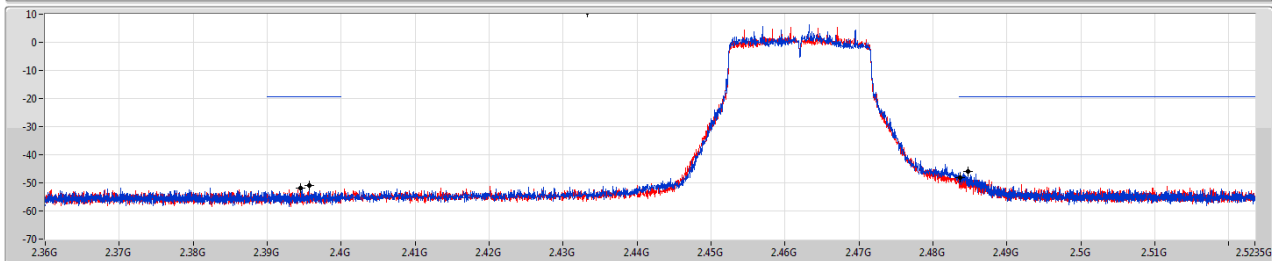
2462MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

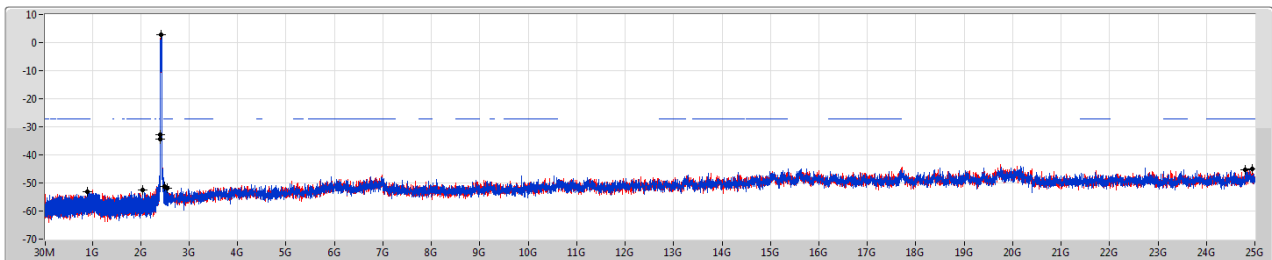
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.43232G | 10.57    | -19.43     | 1.82556G | -52.23     | 2.39572G | -50.99     | 2.48476G | -46.05     | 17.68671G | -44.63     | 1    |
| 2.43232G | 10.57    | -19.43     | 2.11797G | -53.09     | 2.39448G | -51.92     | 2.48366G | -47.98     | 16.24821G | -44.08     | 2    |

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

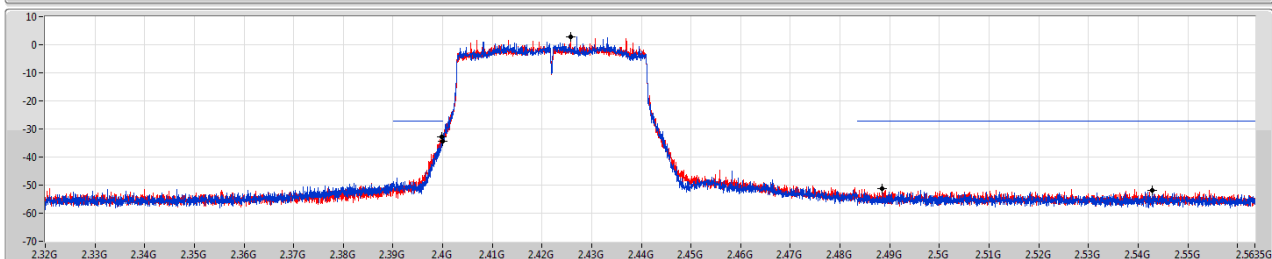
2422MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

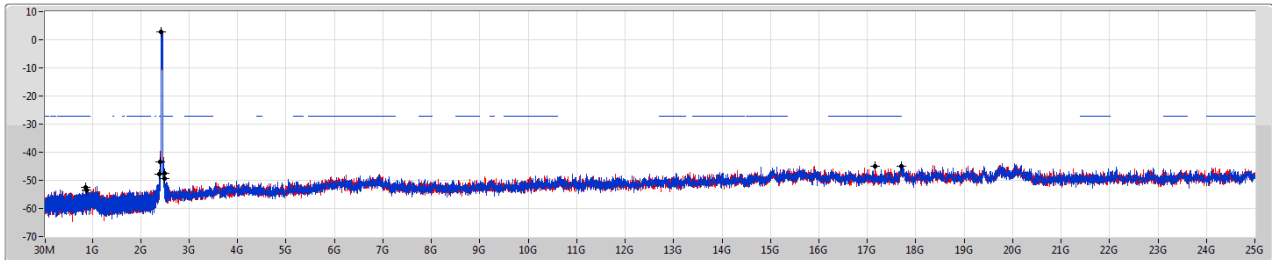
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42572G | 2.88     | -27.12     | 2.03604G | -52.57     | 2.39992G | -34.48     | 2.54282G | -51.75     | 24.80929G | -45.23     | 1    |
| 2.42572G | 2.88     | -27.12     | 899.34M  | -53.09     | 2.3998G  | -32.88     | 2.48854G | -51.25     | 24.95232G | -44.96     | 2    |

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

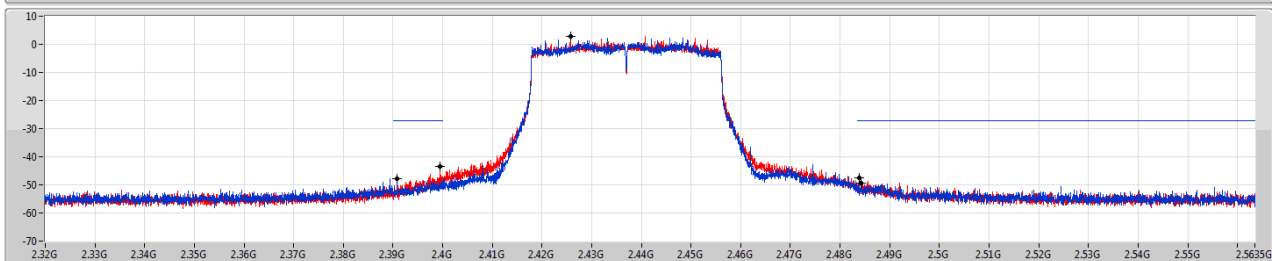
2437MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

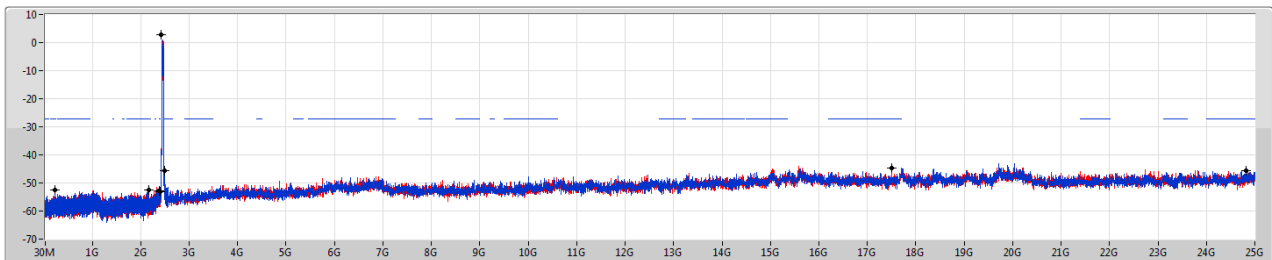
| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42572G | 2.88     | -27.12     | 876.16M  | -53.47     | 2.39076G | -47.95     | 2.48418G | -49.22     | 17.69692G | -45.09     | 1    |
| 2.42572G | 2.88     | -27.12     | 870.72M  | -52.39     | 2.39952G | -43.35     | 2.48386G | -47.44     | 17.16686G | -44.91     | 2    |

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

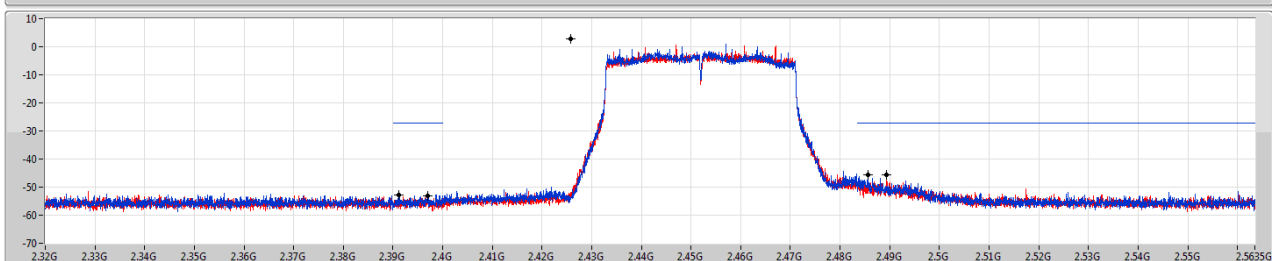
2452MHz

CSE NdB

08/07/2019



Port 1  
Port 2



RBW (Hz)  
100k  
VBW (Hz)  
300k  
Detector  
Peak

| Ref(Hz)  | Ref(dBm) | Limit(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz) | Level(dBm) | Freq(Hz)  | Level(dBm) | Port |
|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|------|
| 2.42572G | 2.88     | -27.12     | 231.81M  | -52.60     | 2.39124G | -52.79     | 2.4857G  | -45.53     | 24.82331G | -45.58     | 1    |
| 2.42572G | 2.88     | -27.12     | 216972G  | -52.61     | 2.397G   | -53.28     | 2.48942G | -45.76     | 17.5006G  | -44.83     | 2    |



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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 2.4-2.4835GHz                     | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 802.11ax HEW20-BF_Nss1,(MCS0)_2TX | Pass   | 2.43603G    | 10.03        | -19.97         | 716.77M      | -48.62         | 2.3998G      | -27.47         | 2.52312G     | -45.90         | 16.45331G    | -39.48         | 1    |
| 802.11ax HEW40-BF_Nss1,(MCS0)_2TX | Pass   | 2.42747G    | 7.48         | -22.52         | 860.7M       | -46.72         | 2.3998G      | -31.90         | 2.54494G     | -46.74         | 16.97054G    | -39.95         | 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 |
|-----------------------------------|--------|-------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|------|
| 802.11ax HEW20-BF_Nss1.(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2412MHz                           | Pass   | 2.43603G    | 10.03        | -19.97         | 716.77M      | -48.62         | 2.3998G      | -27.47         | 2.52312G     | -45.90         | 16.45331G    | -39.48         | 1    |
| 2412MHz                           | Pass   | 2.43603G    | 10.03        | -19.97         | 1.95895G     | -48.25         | 2.39982G     | -28.58         | 2.50732G     | -46.94         | 24.87919G    | -39.16         | 2    |
| 2437MHz                           | Pass   | 2.43603G    | 10.03        | -19.97         | 753.17M      | -48.17         | 2.39712G     | -47.03         | 2.4935G      | -46.82         | 24.78366G    | -40.30         | 1    |
| 2437MHz                           | Pass   | 2.43603G    | 10.03        | -19.97         | 1.94468G     | -48.21         | 2.39936G     | -47.49         | 2.49688G     | -45.80         | 16.51231G    | -40.08         | 2    |
| 2462MHz                           | Pass   | 2.43603G    | 10.03        | -19.97         | 820.74M      | -48.00         | 2.39062G     | -47.62         | 2.48466G     | -45.21         | 16.43083G    | -39.76         | 1    |
| 2462MHz                           | Pass   | 2.43603G    | 10.03        | -19.97         | 908.7M       | -48.31         | 2.39778G     | -47.83         | 2.48392G     | -45.87         | 16.32407G    | -40.34         | 2    |
| 802.11ax HEW40-BF_Nss1.(MCS0)_2TX | -      | -           | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -    |
| 2422MHz                           | Pass   | 2.42747G    | 7.48         | -22.52         | 860.7M       | -46.72         | 2.3998G      | -31.90         | 2.54494G     | -46.74         | 16.97054G    | -39.95         | 1    |
| 2422MHz                           | Pass   | 2.42747G    | 7.48         | -22.52         | 946M         | -47.92         | 2.39992G     | -34.25         | 2.51522G     | -46.75         | 24.31288G    | -39.80         | 2    |
| 2437MHz                           | Pass   | 2.42747G    | 7.48         | -22.52         | 607.37M      | -48.42         | 2.3998G      | -45.56         | 2.48502G     | -46.83         | 17.49219G    | -39.20         | 1    |
| 2437MHz                           | Pass   | 2.42747G    | 7.48         | -22.52         | 700.4M       | -48.74         | 2.39392G     | -39.92         | 2.4925G      | -47.07         | 16.48254G    | -40.10         | 2    |
| 2452MHz                           | Pass   | 2.42747G    | 7.48         | -22.52         | 737.04M      | -47.44         | 2.39396G     | -48.75         | 2.49254G     | -40.64         | 16.96773G    | -40.07         | 1    |
| 2452MHz                           | Pass   | 2.42747G    | 7.48         | -22.52         | 763.37M      | -48.01         | 2.39488G     | -47.33         | 2.48566G     | -44.75         | 16.87238G    | -39.96         | 2    |