

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.29M	19.16M
5300MHz	Pass	Inf	43.23M	18.891M
5320MHz	Pass	Inf	21.87M	16.672M
5500MHz	Pass	Inf	21.87M	16.702M
5580MHz	Pass	Inf	43.35M	19.64M
5700MHz	Pass	Inf	21.81M	16.672M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.18M	14.813M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	11.034M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.68M	18.921M
5300MHz	Pass	Inf	44.64M	18.981M
5320MHz	Pass	Inf	24.09M	17.841M
5500MHz	Pass	Inf	21.9M	17.901M
5580MHz	Pass	Inf	44.55M	19.13M
5700MHz	Pass	Inf	22.02M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.33M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	9.695M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	82.5M	37.001M
5310MHz	Pass	Inf	40.32M	36.402M
5510MHz	Pass	Inf	40.38M	36.342M
5550MHz	Pass	Inf	87.84M	38.681M
5670MHz	Pass	Inf	73.08M	36.522M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	60.48M	33.898M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	23.188M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.44M	75.682M
5530MHz	Pass	Inf	82.32M	75.802M
5610MHz	Pass	Inf	165.96M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	124.95M	73.913M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	36.542M
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	115.6M	75.802M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	147.04M	75.802M
5570MHz	Pass	Inf	283.44M	154.243M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.38M	19.52M
5300MHz	Pass	Inf	42.36M	19.52M
5320MHz	Pass	Inf	26.1M	19.01M
5500MHz	Pass	Inf	23.1M	19.01M
5580MHz	Pass	Inf	42.78M	19.73M
5700MHz	Pass	Inf	21.75M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.53M	14.918M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	10.795M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	77.58M	37.901M
5310MHz	Pass	Inf	40.2M	37.541M
5510MHz	Pass	Inf	40.14M	37.541M
5550MHz	Pass	Inf	84.18M	38.621M
5670MHz	Pass	Inf	60.36M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	59.465M	34.108M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	23.668M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.08M	77.001M
5530MHz	Pass	Inf	82.32M	77.121M
5610MHz	Pass	Inf	163.2M	78.201M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	123.3M	74.588M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	35.902M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.72M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.68M	77.161M
5570MHz	Pass	Inf	165.36M	155.202M

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

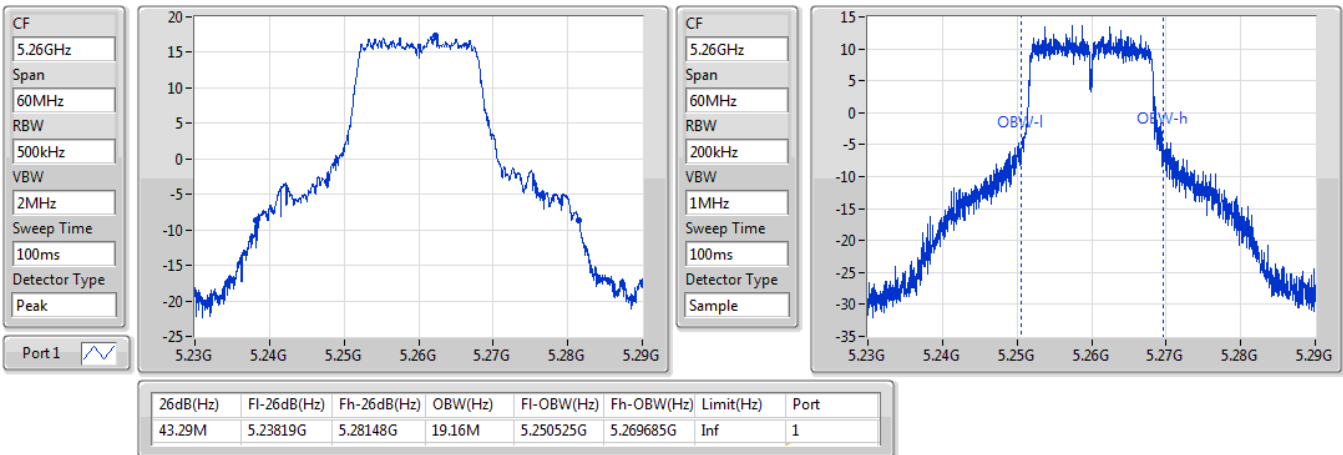
Port X-OBW = Port X 99% occupied bandwidth;

802.11a\_Nss1,(6Mbps)\_1TX

EBW

5260MHz

26/10/2019

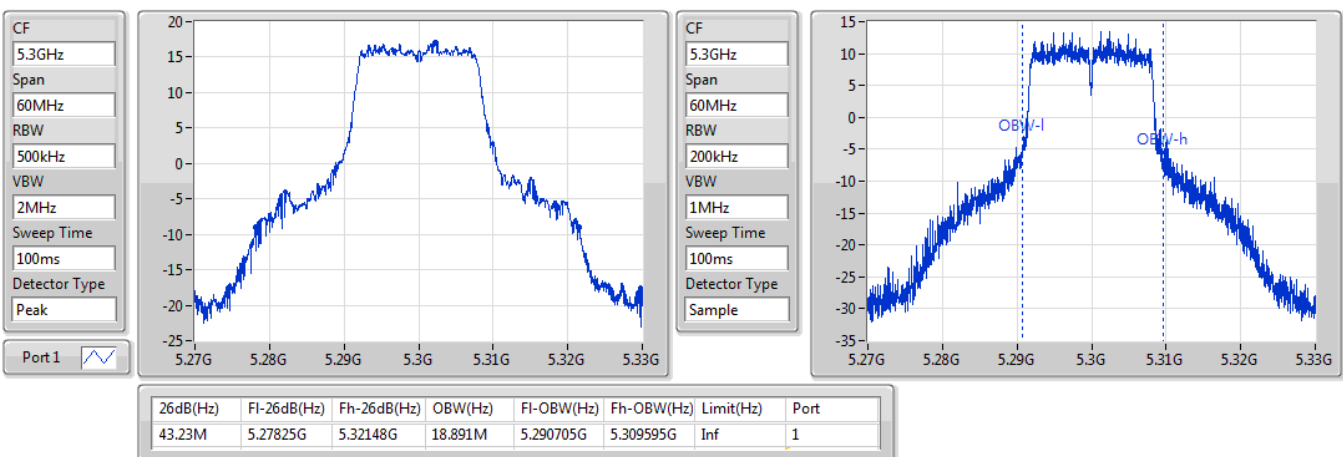


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5300MHz

26/10/2019

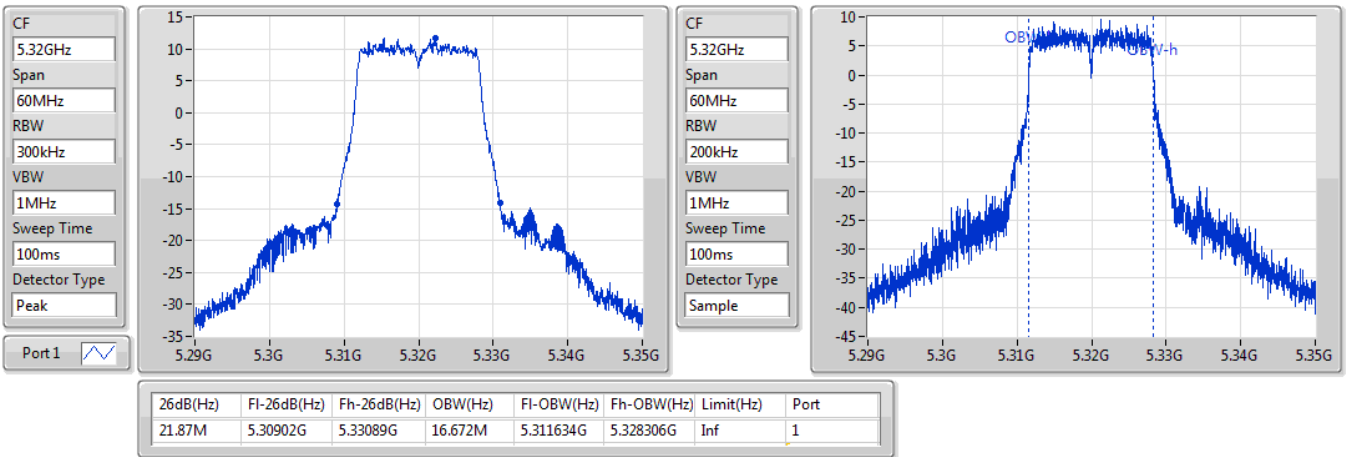


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5320MHz

26/10/2019

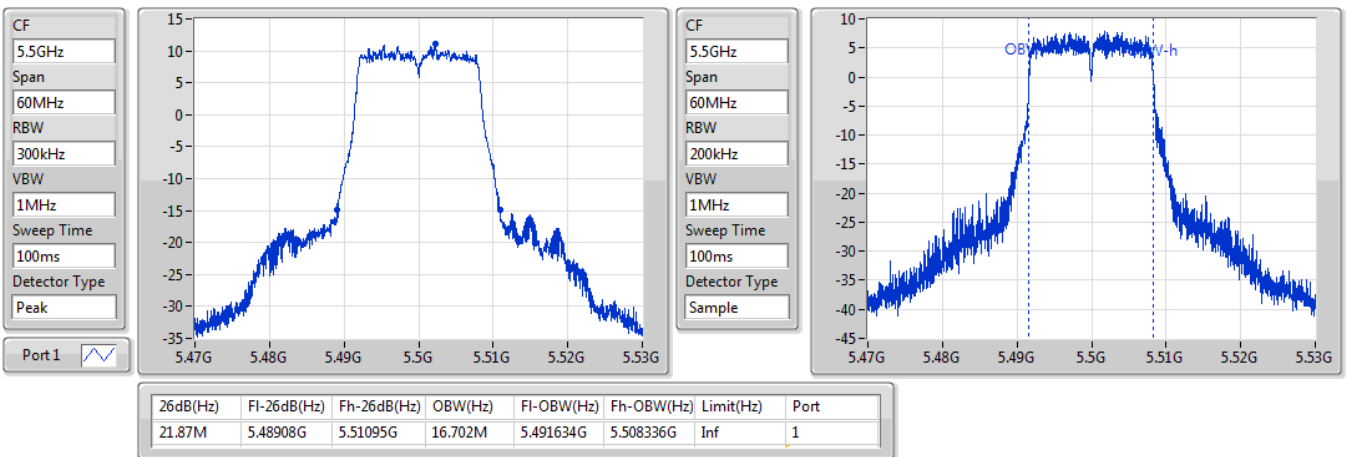


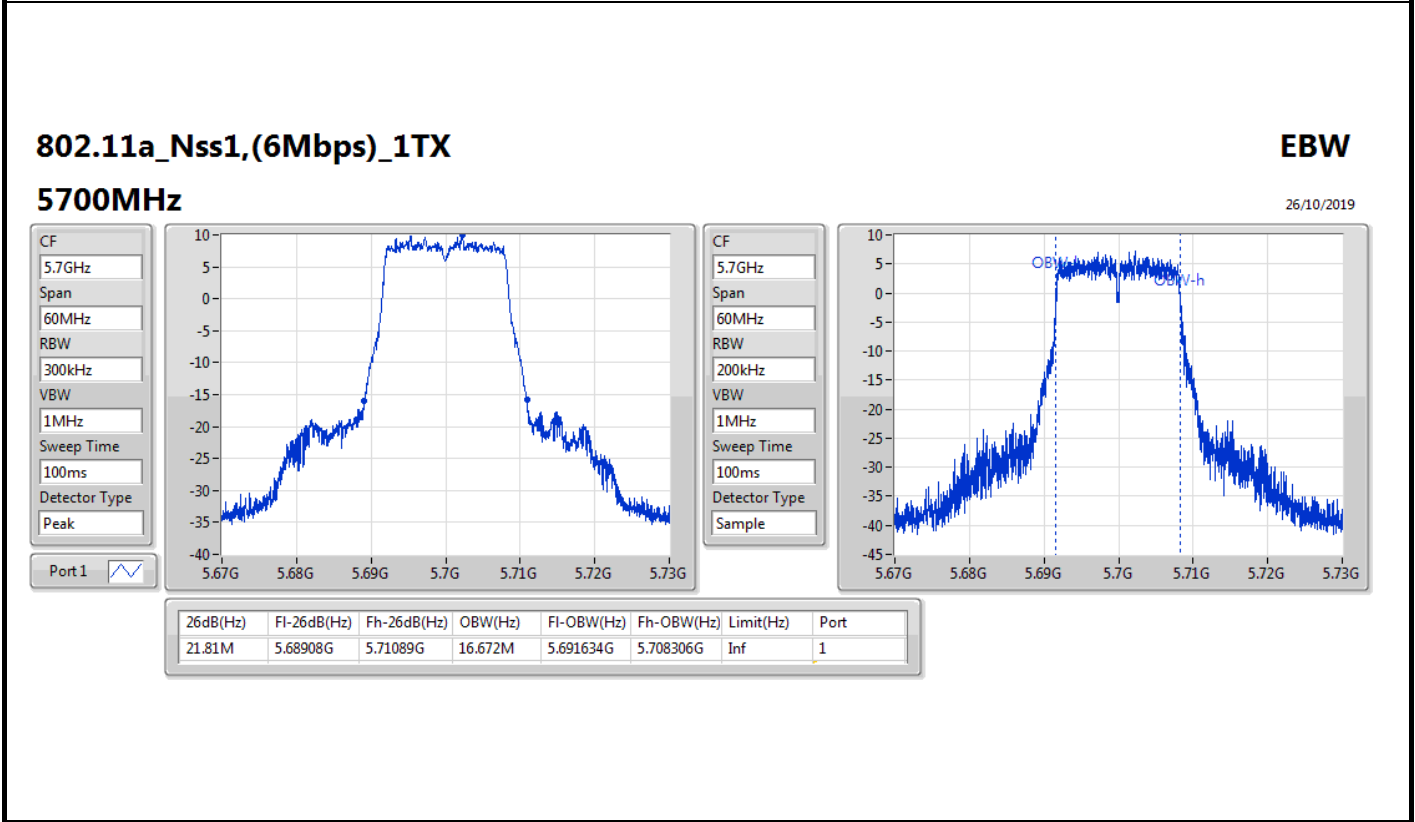
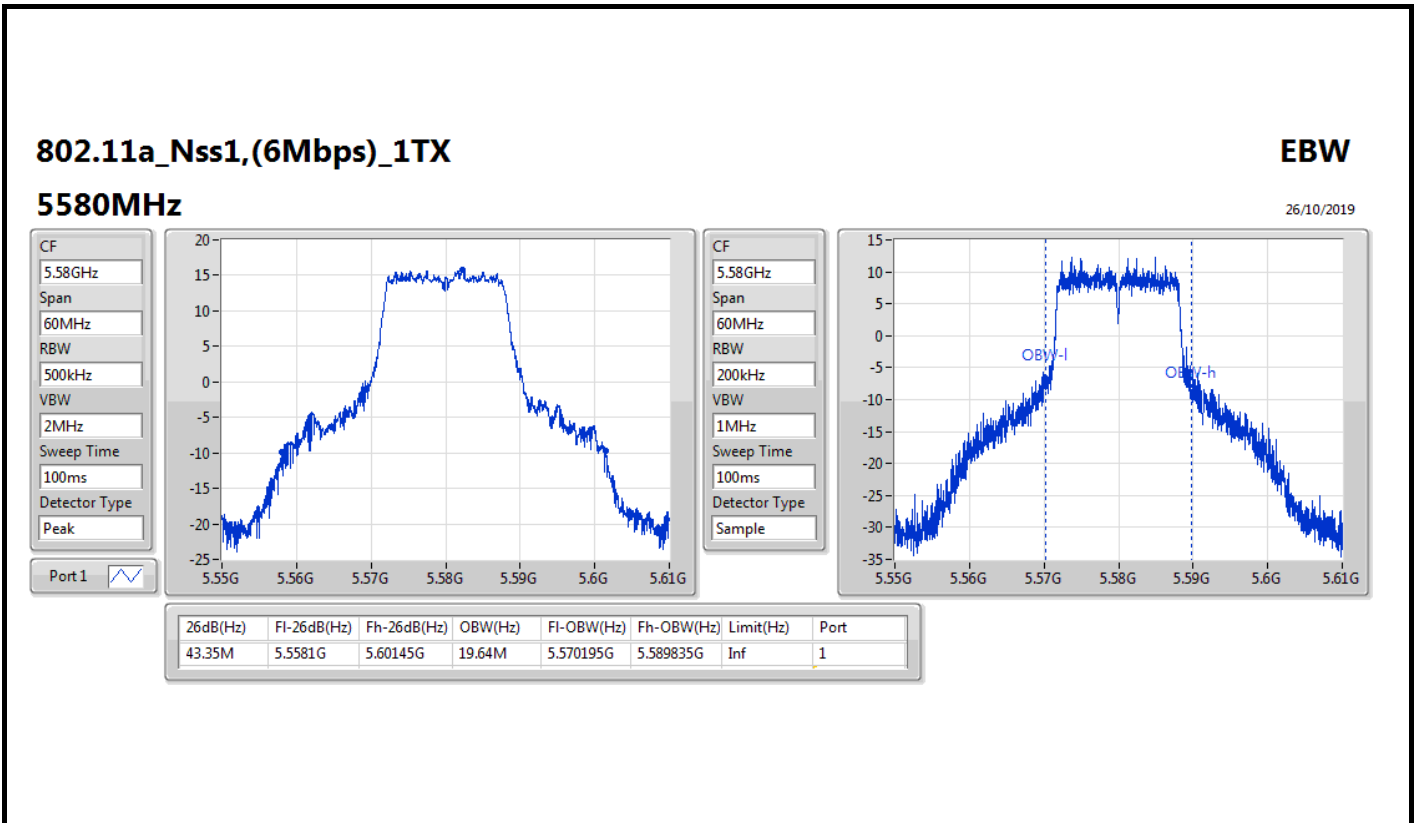
802.11a\_Nss1,(6Mbps)\_1TX

EBW

5500MHz

26/10/2019



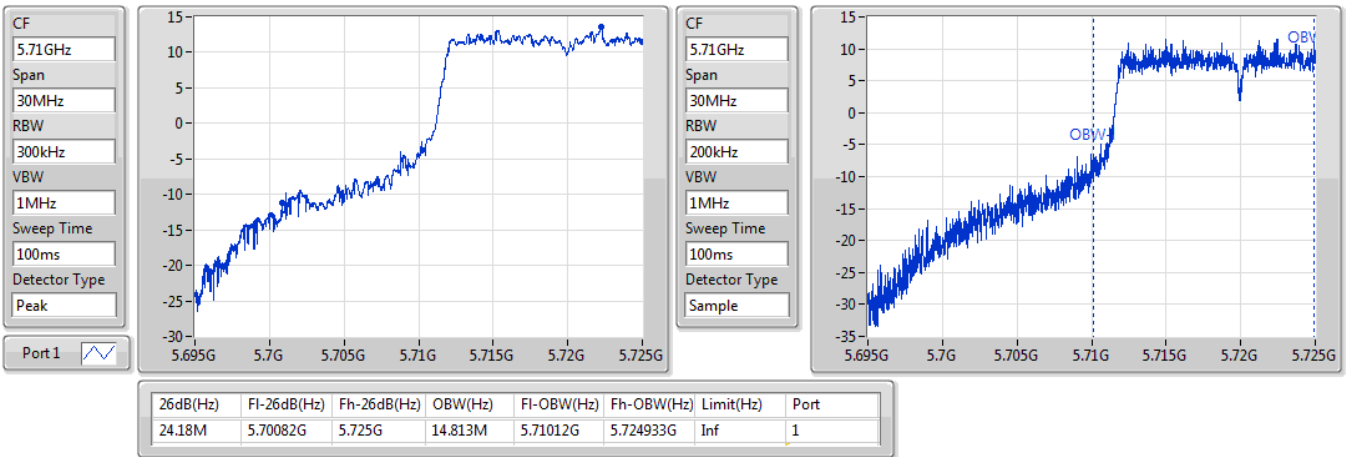


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

26/10/2019

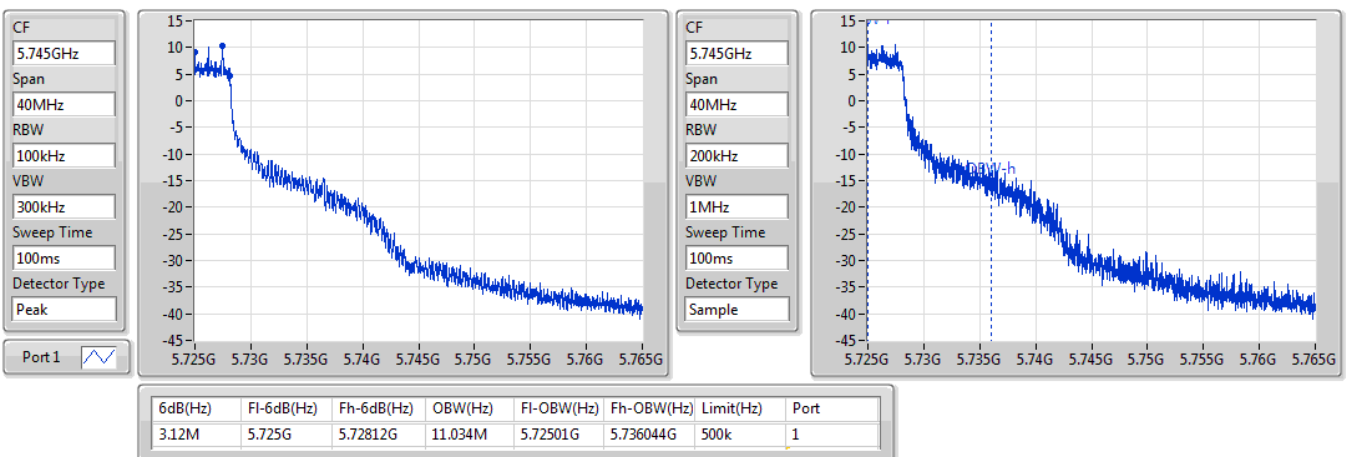


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

26/10/2019

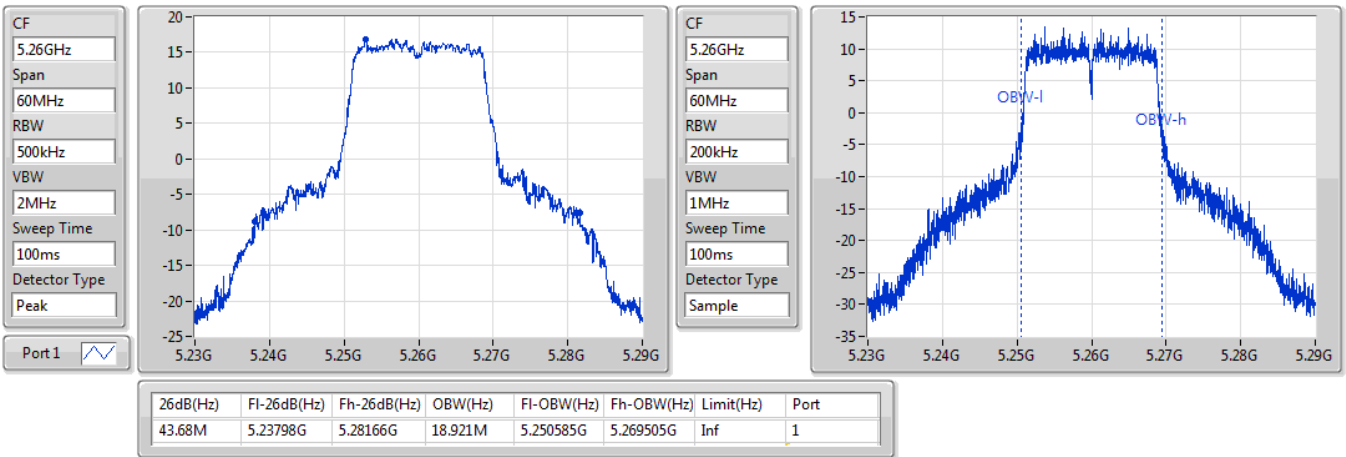


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5260MHz

26/10/2019

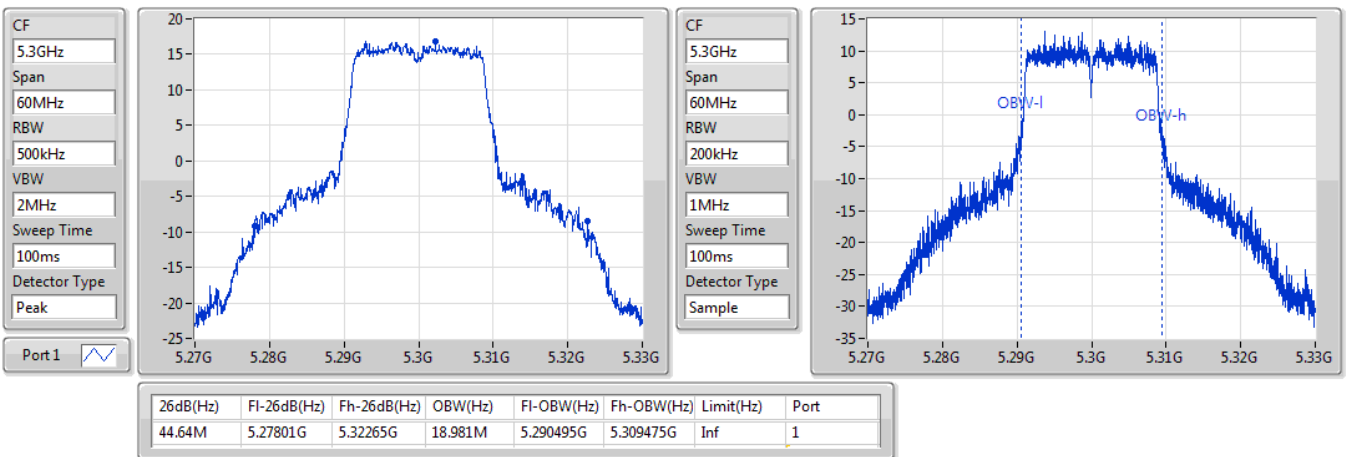


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5300MHz

26/10/2019

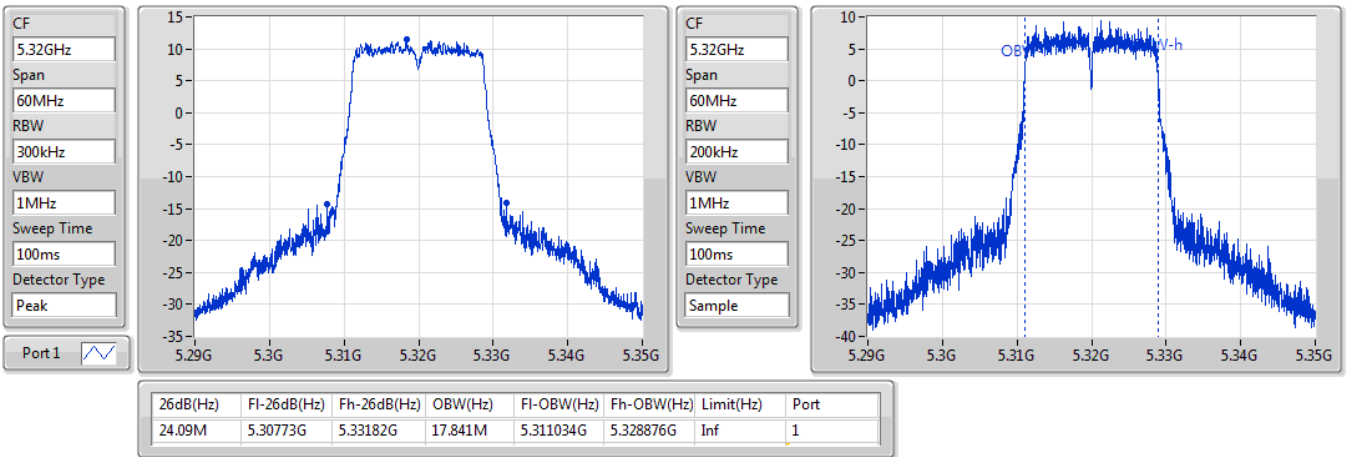


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5320MHz

26/10/2019

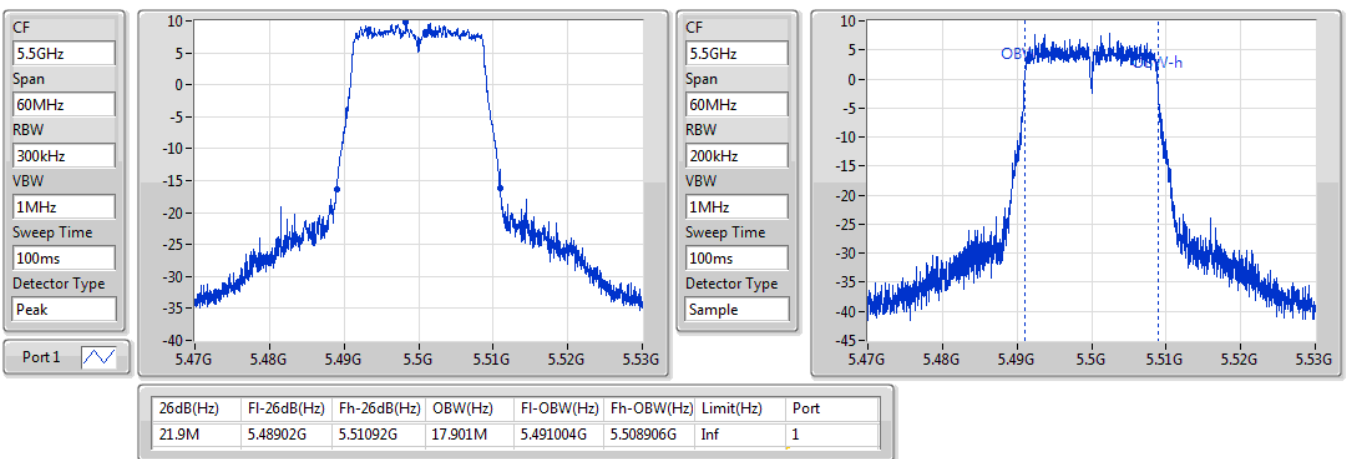


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5500MHz

26/10/2019



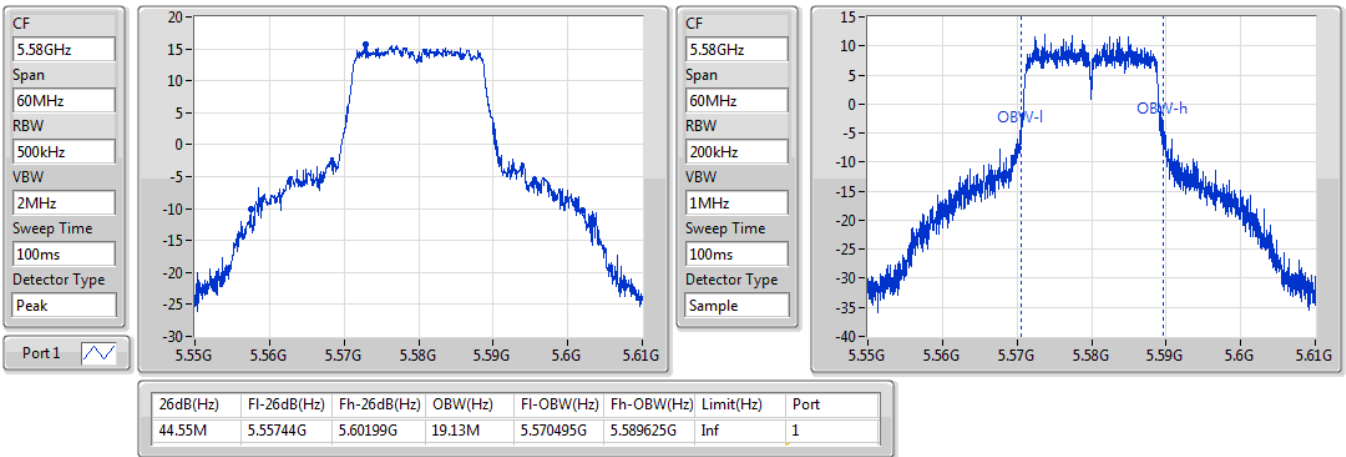


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5580MHz

26/10/2019

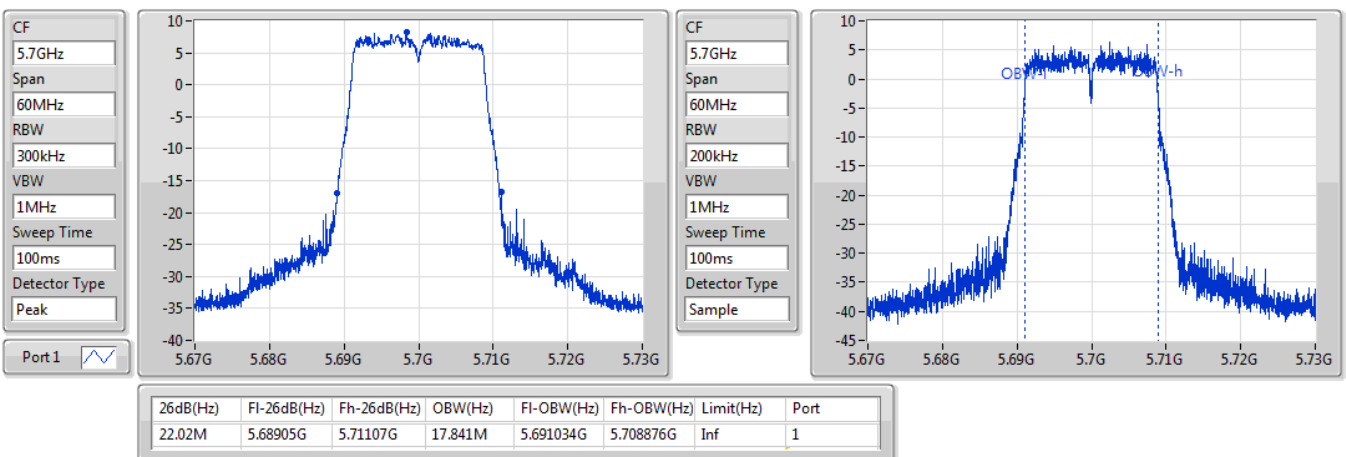


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5700MHz

26/10/2019

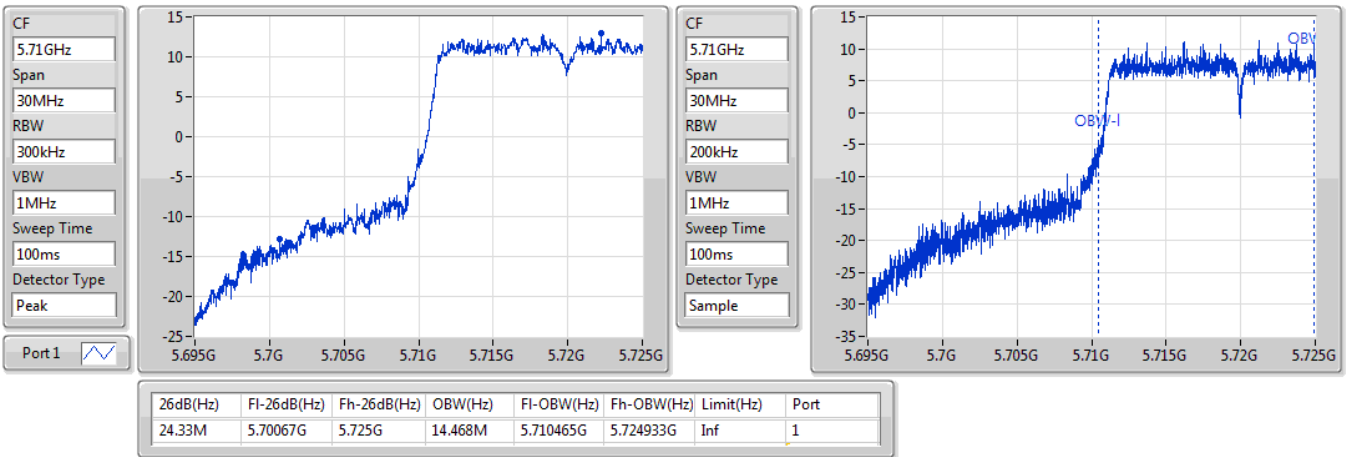


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

26/10/2019

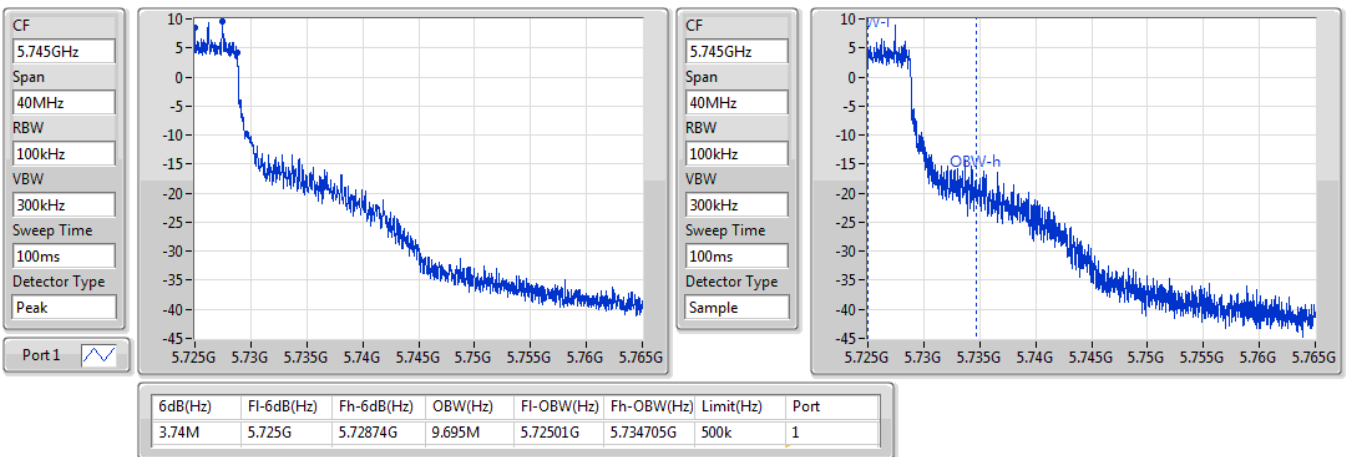


802.11ac VHT20\_Nss1,(MCS0)\_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

26/10/2019



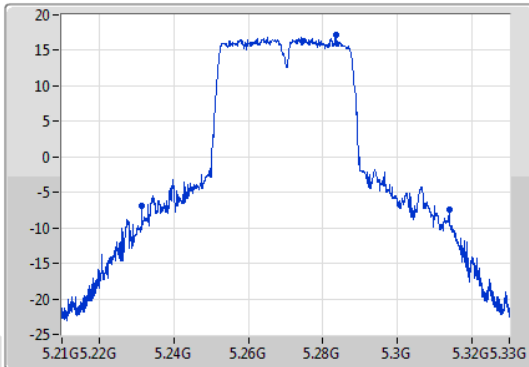
802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

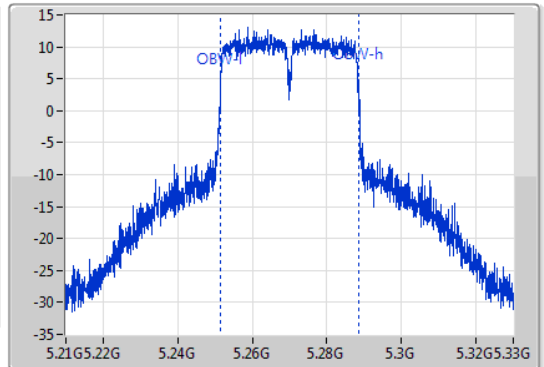
5270MHz

26/10/2019

CF: 5.27GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.27GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.2313G	5.3138G	37.001M	5.251469G	5.288471G	Inf	1

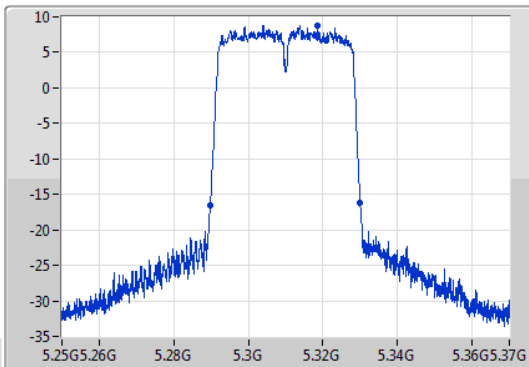
802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

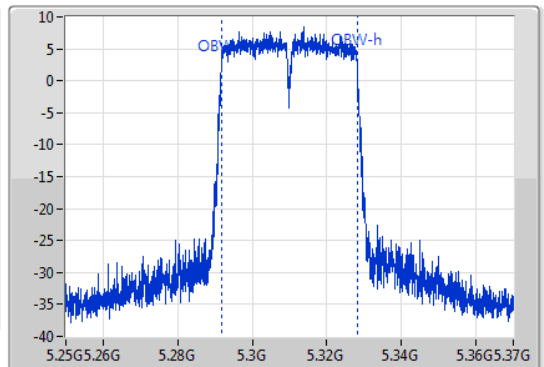
5310MHz

26/10/2019

CF: 5.31GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.31GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.28972G	5.33004G	36.402M	5.291709G	5.328111G	Inf	1

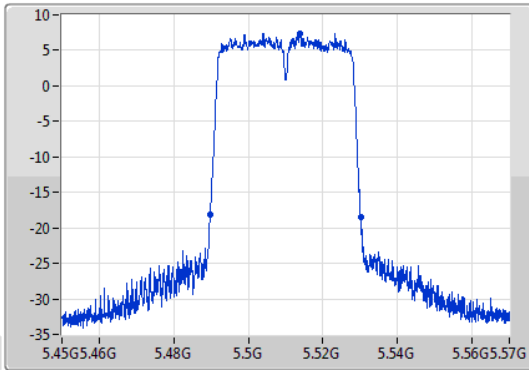
802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

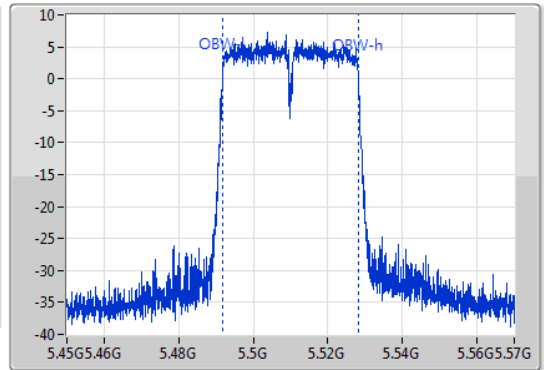
5510MHz

26/10/2019

CF: 5.51GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.51GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.48972G	5.5301G	36.342M	5.491769G	5.528111G	Inf	1

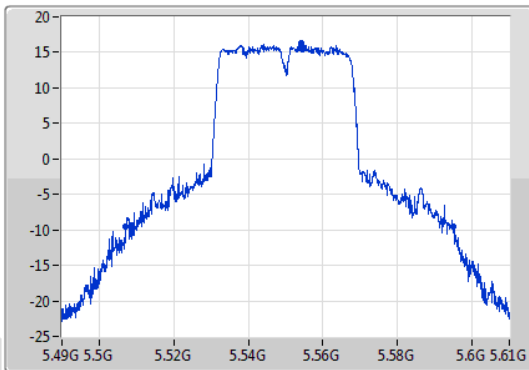
802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

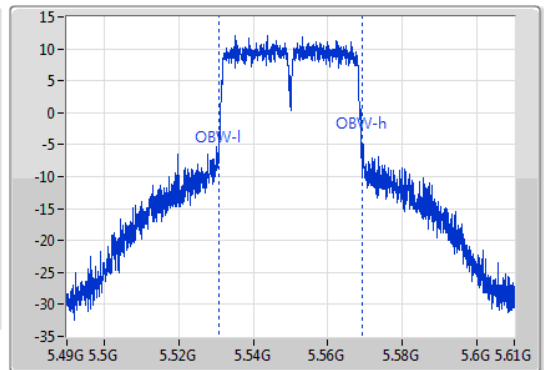
5550MHz

26/10/2019

CF: 5.55GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



CF: 5.55GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



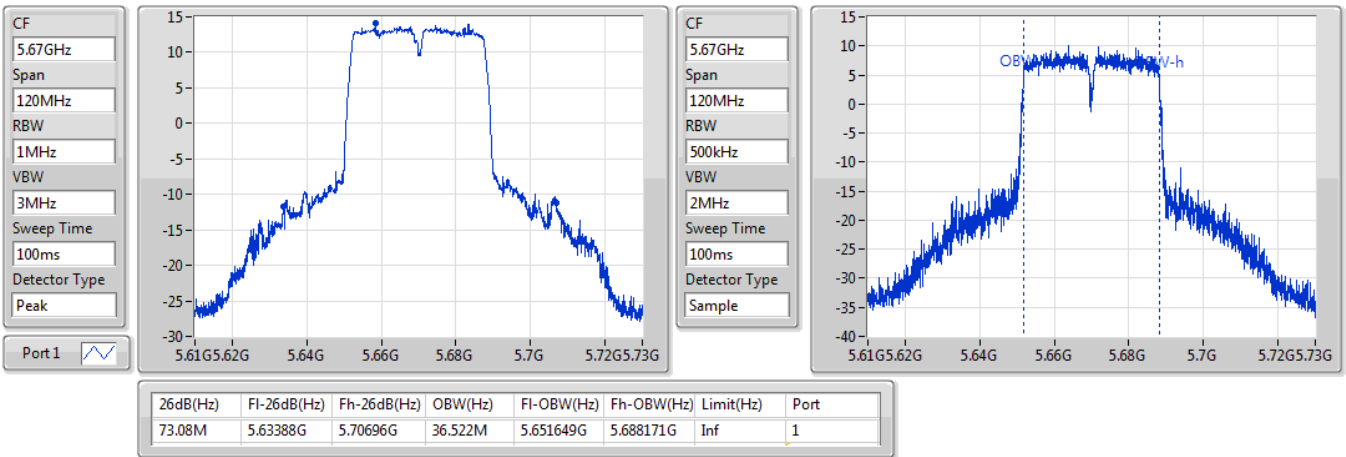
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.84M	5.50716G	5.595G	38.681M	5.53063G	5.56931G	Inf	1

802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5670MHz

26/10/2019

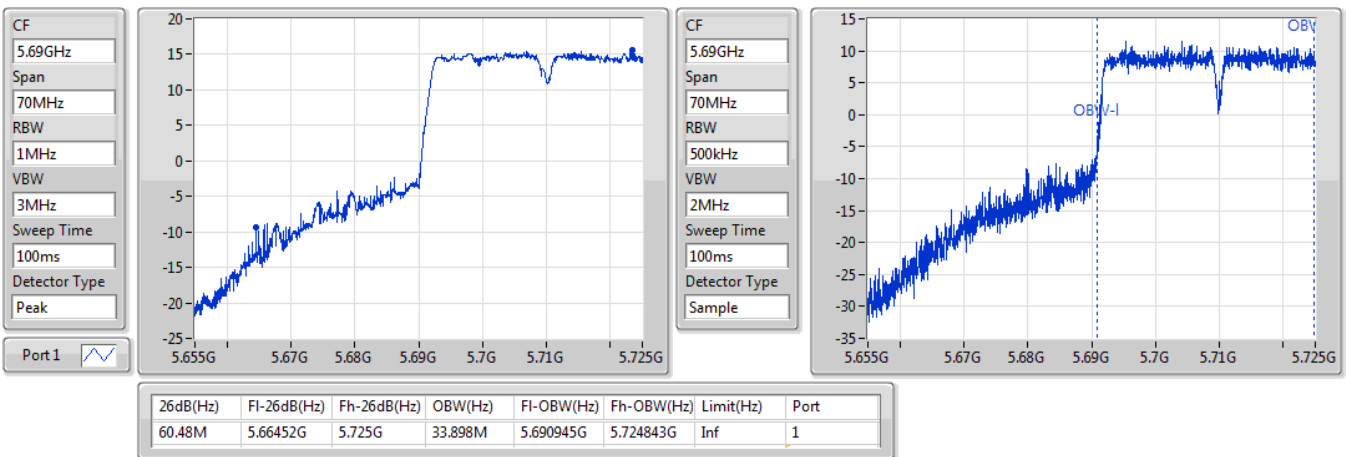


802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

26/10/2019

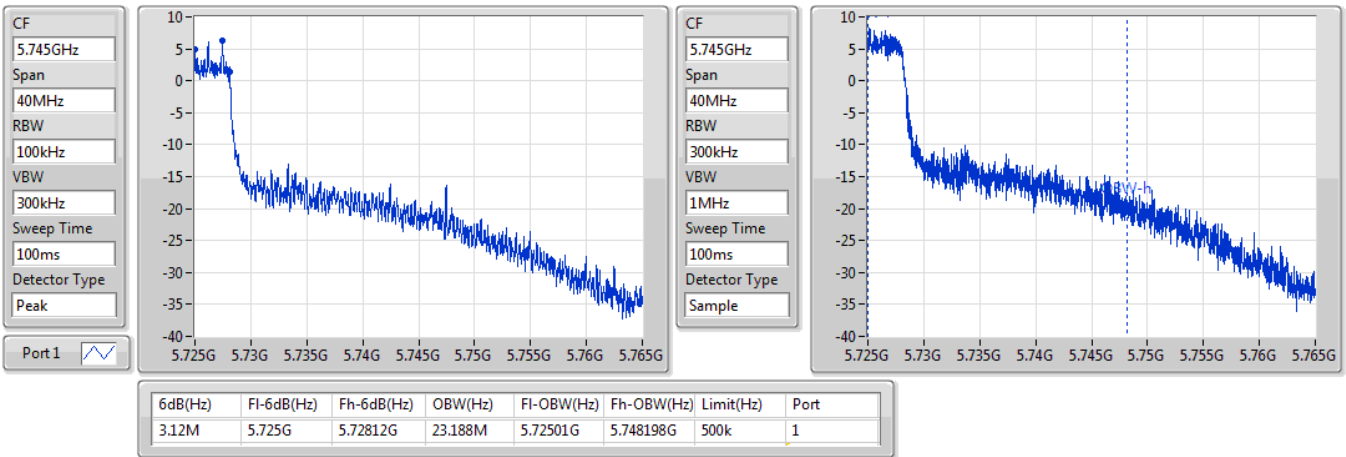


802.11ac VHT40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

26/10/2019

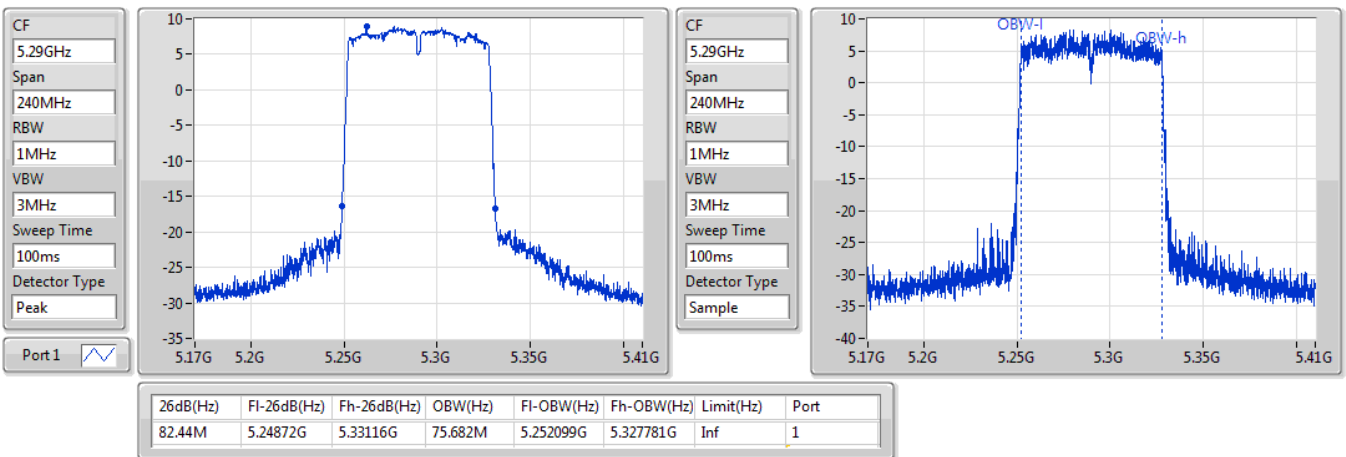


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5290MHz

26/10/2019

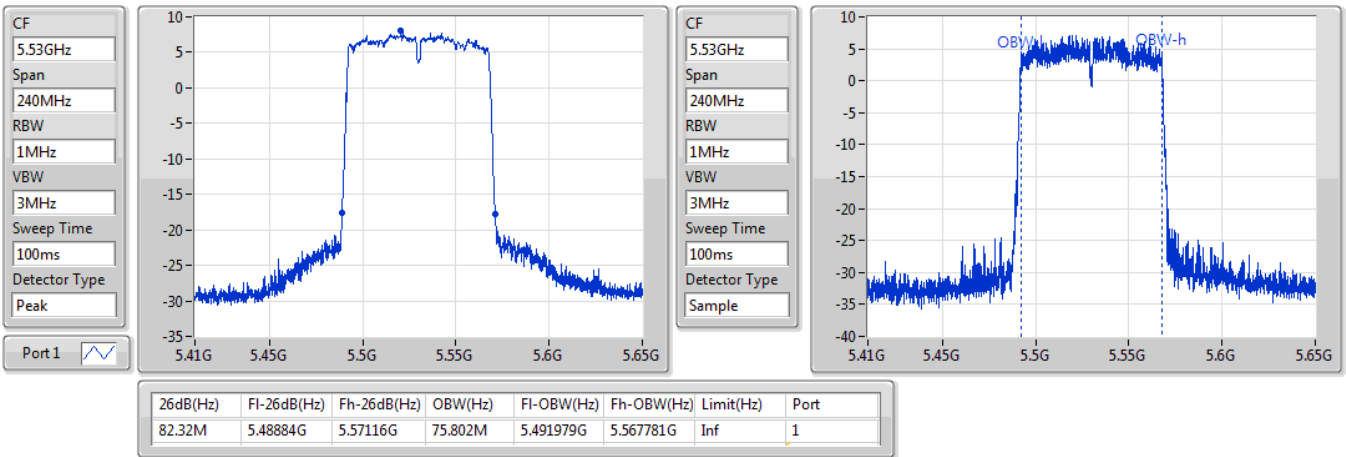


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5530MHz

26/10/2019

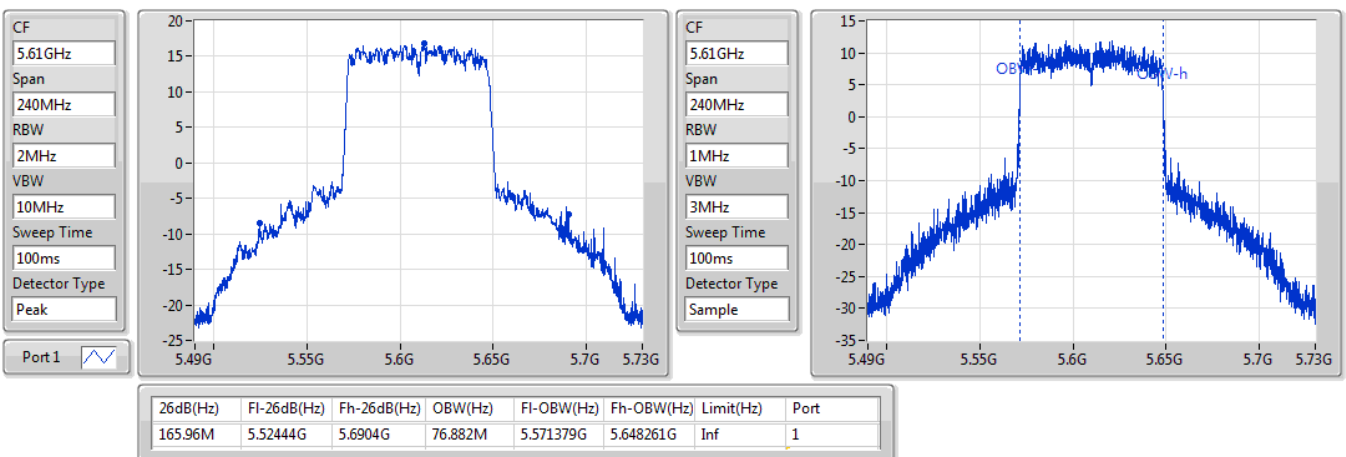


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5610MHz

26/10/2019

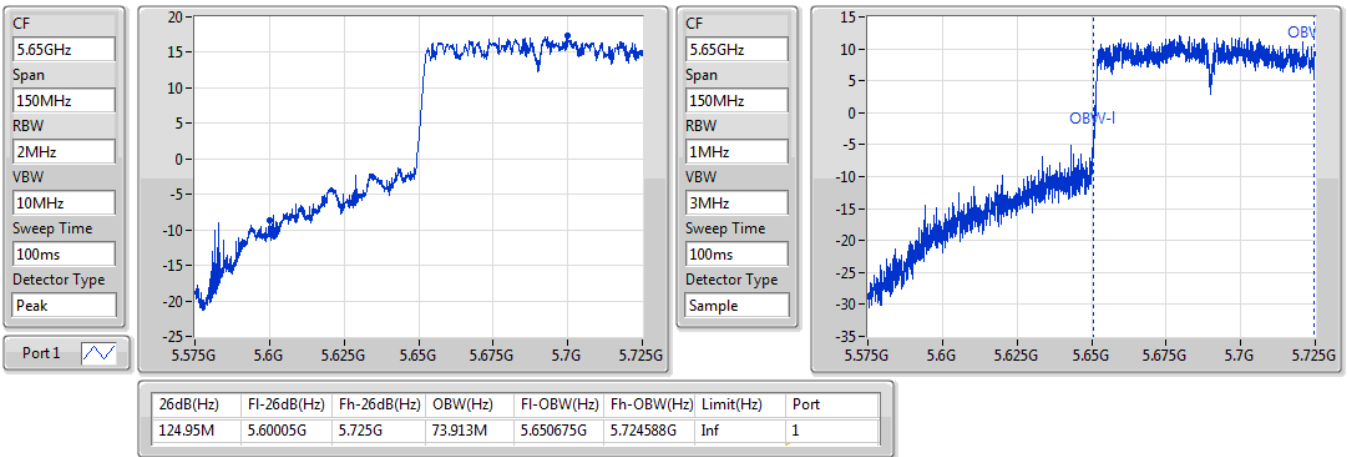


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

26/10/2019

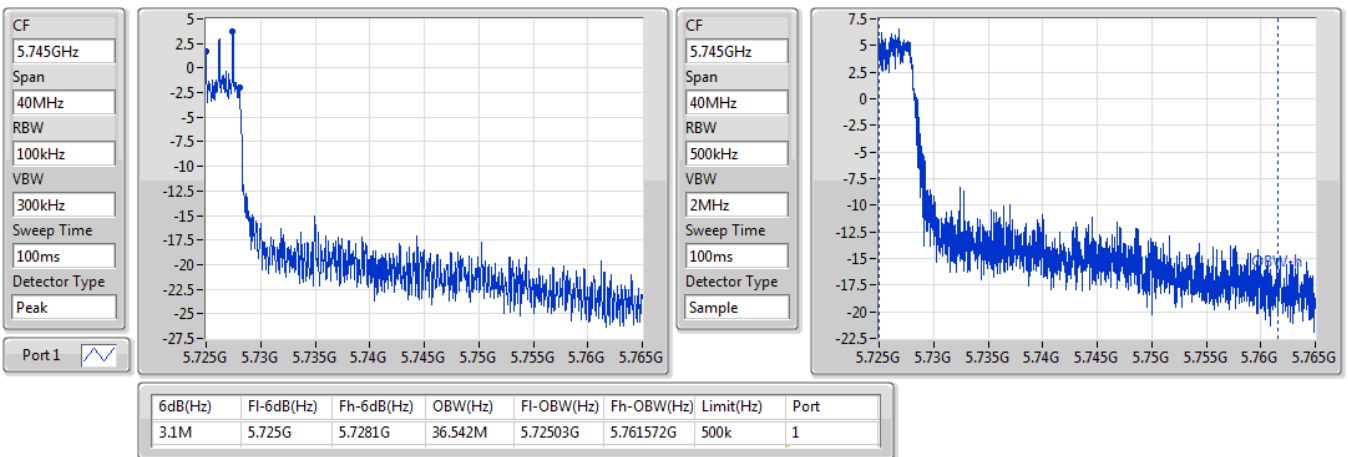


802.11ac VHT80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

27/10/2019



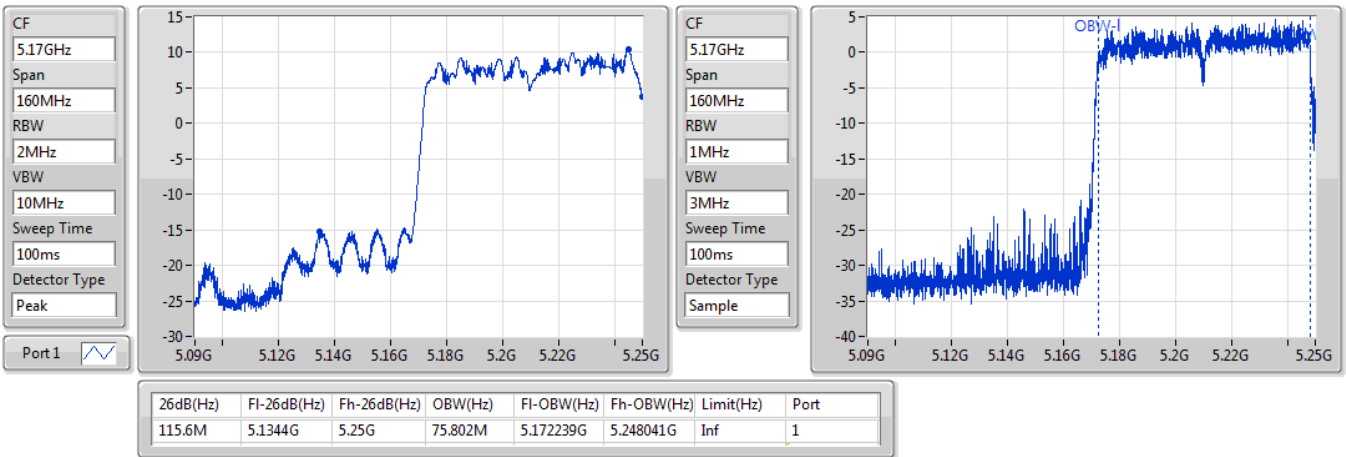


802.11ac VHT160\_Nss1,(MCS0)\_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/10/2019

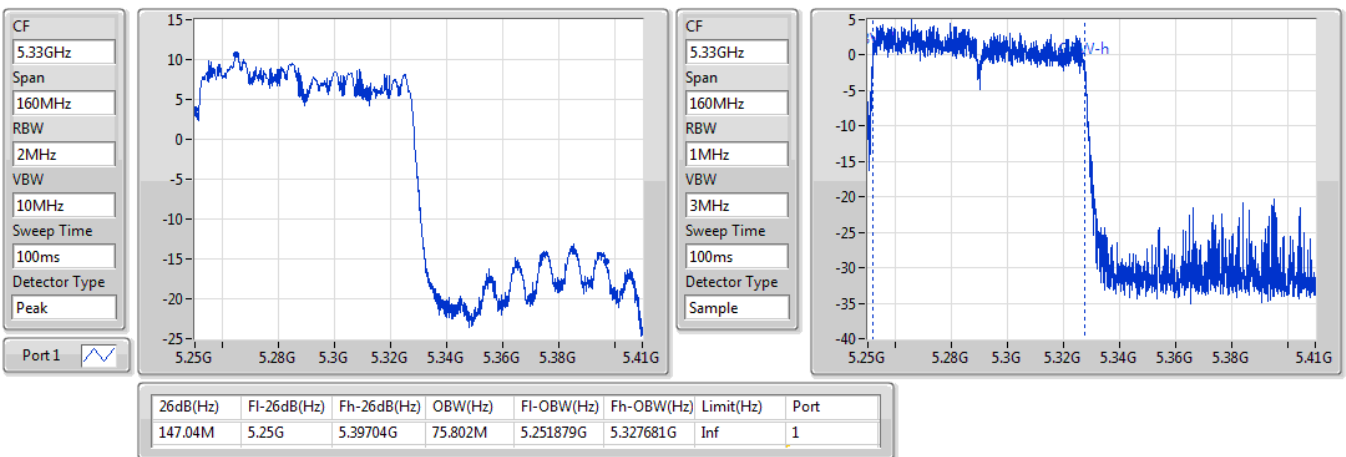


802.11ac VHT160\_Nss1,(MCS0)\_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/10/2019

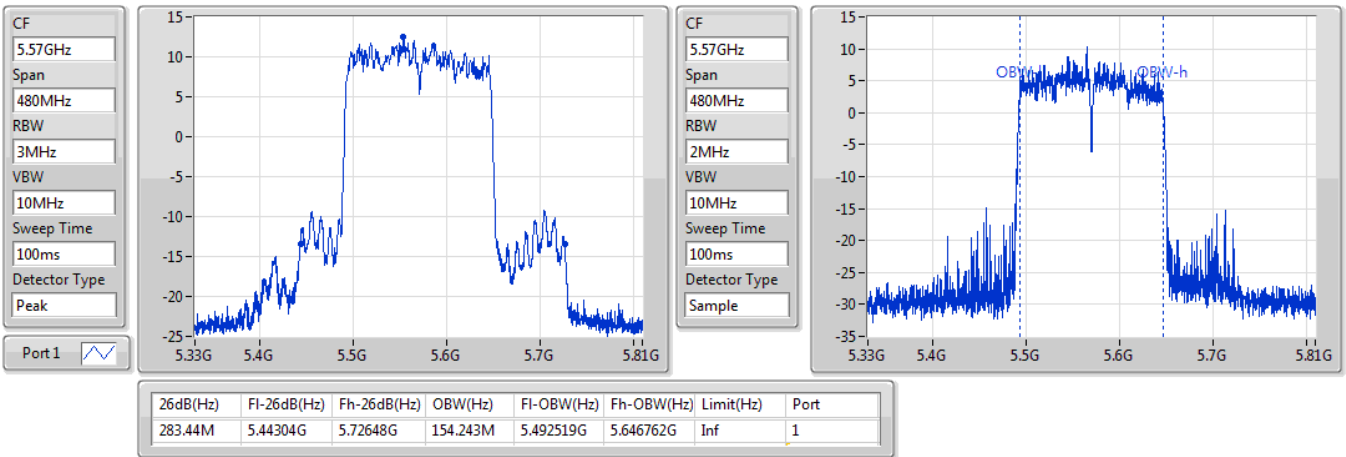


### 802.11ac VHT160\_Nss1,(MCS0)\_1TX

EBW

5570MHz

27/10/2019

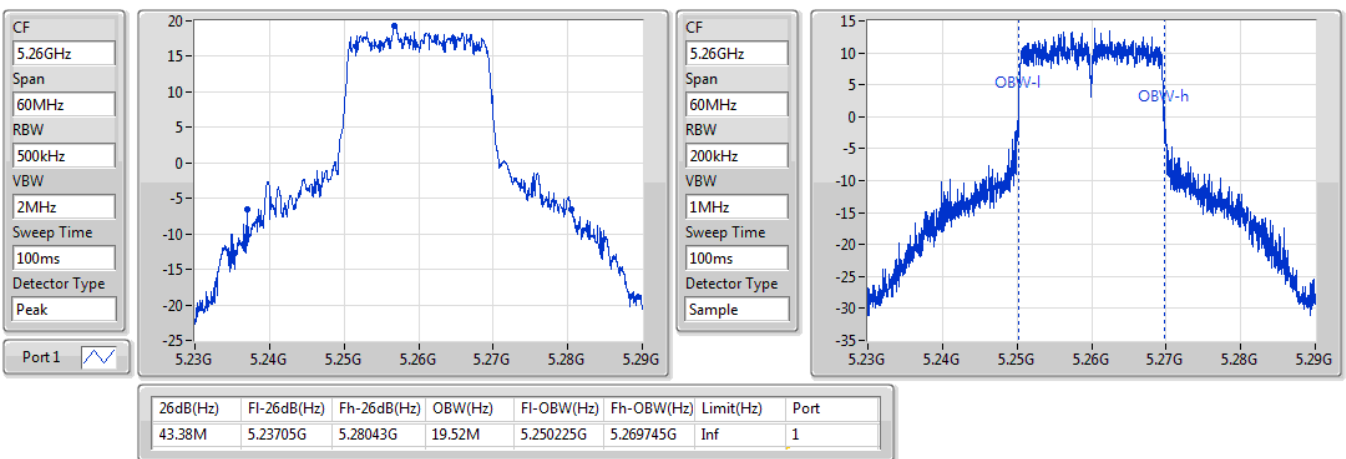


### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5260MHz

26/10/2019



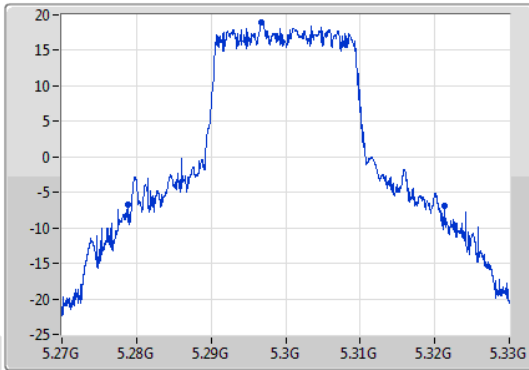
802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

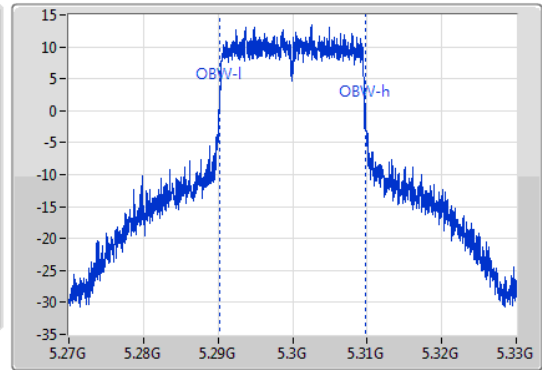
5300MHz

26/10/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.36M	5.27891G	5.32127G	19.52M	5.290225G	5.309745G	Inf	1

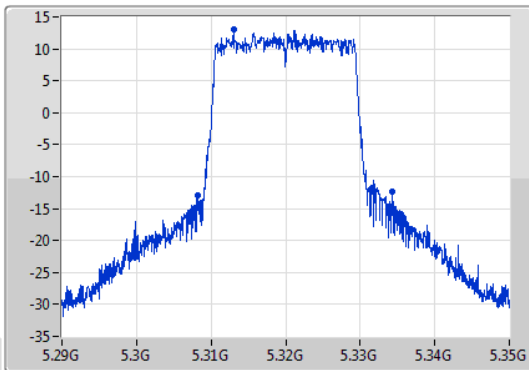
802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

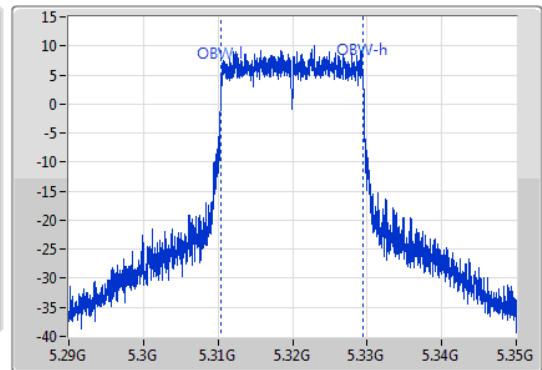
5320MHz

26/10/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.1M	5.30827G	5.33437G	19.01M	5.310435G	5.329445G	Inf	1

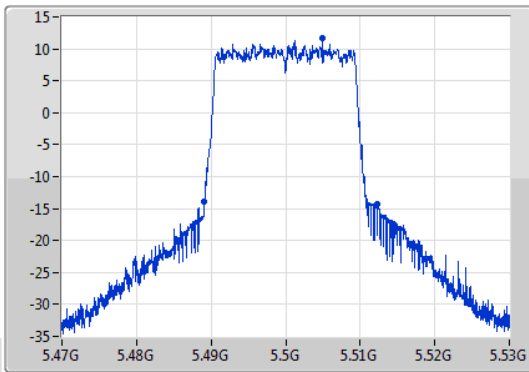
802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

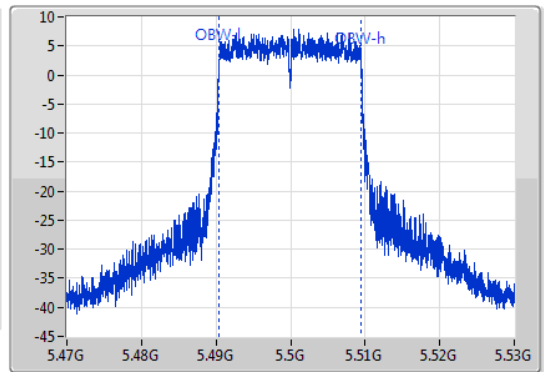
5500MHz

26/10/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.1M	5.48911G	5.51221G	19.01M	5.490435G	5.509445G	Inf	1

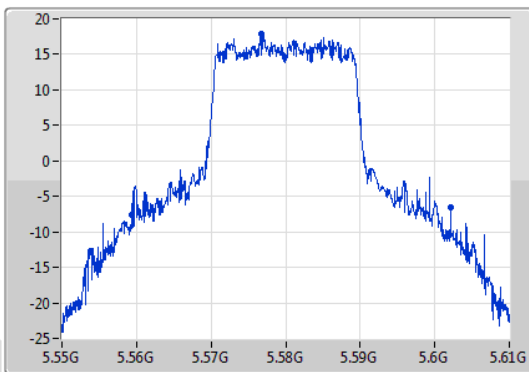
802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

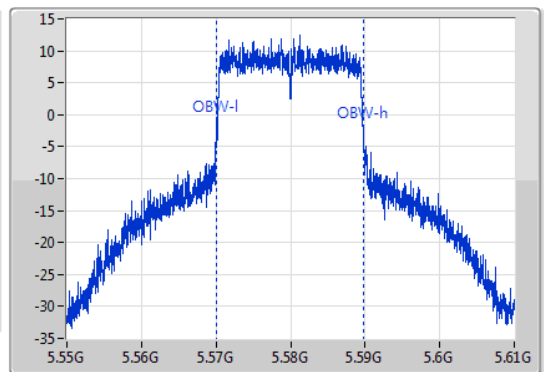
5580MHz

26/10/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



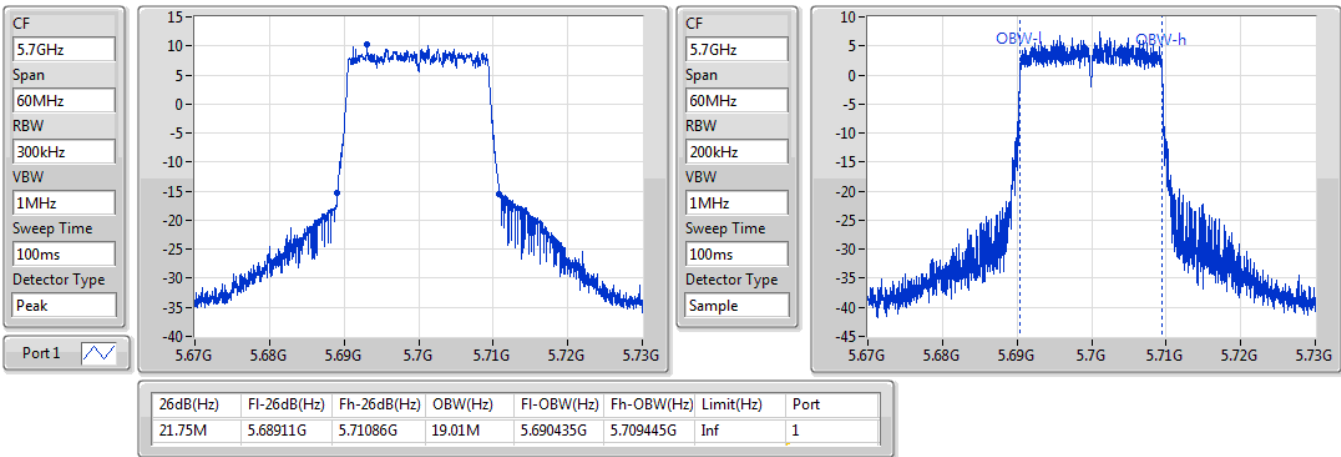
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.78M	5.55933G	5.60211G	19.73M	5.570075G	5.589805G	Inf	1

802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5700MHz

26/10/2019

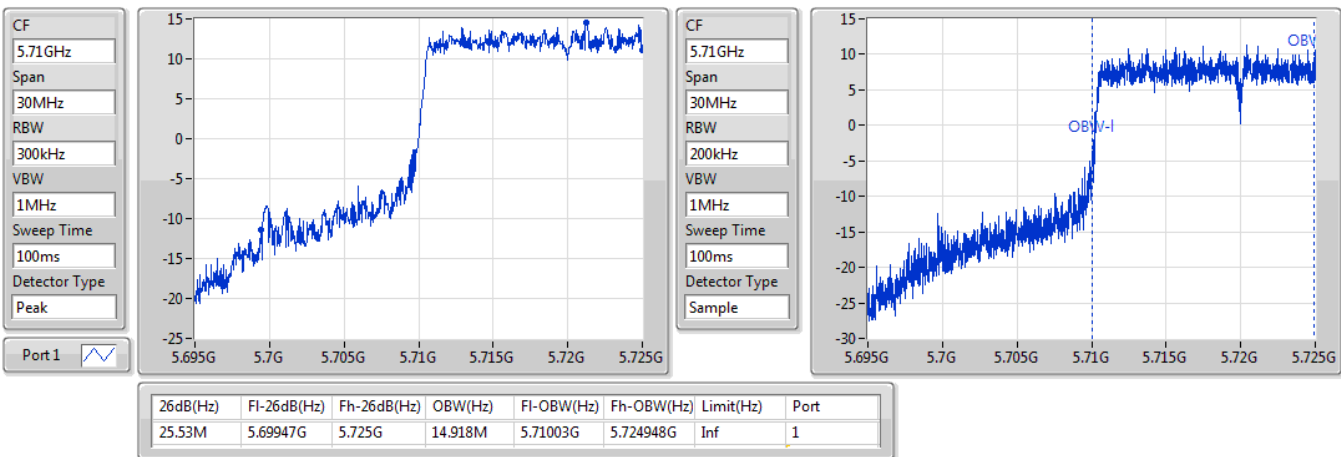


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

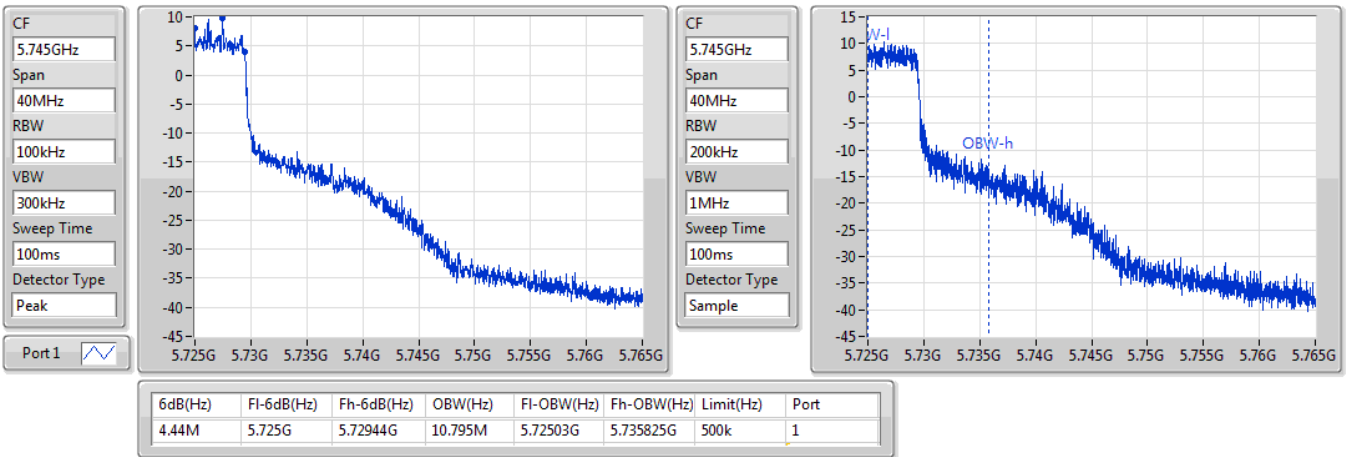
26/10/2019



**802.11ax HEW20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.725-5.85GHz**

EBW

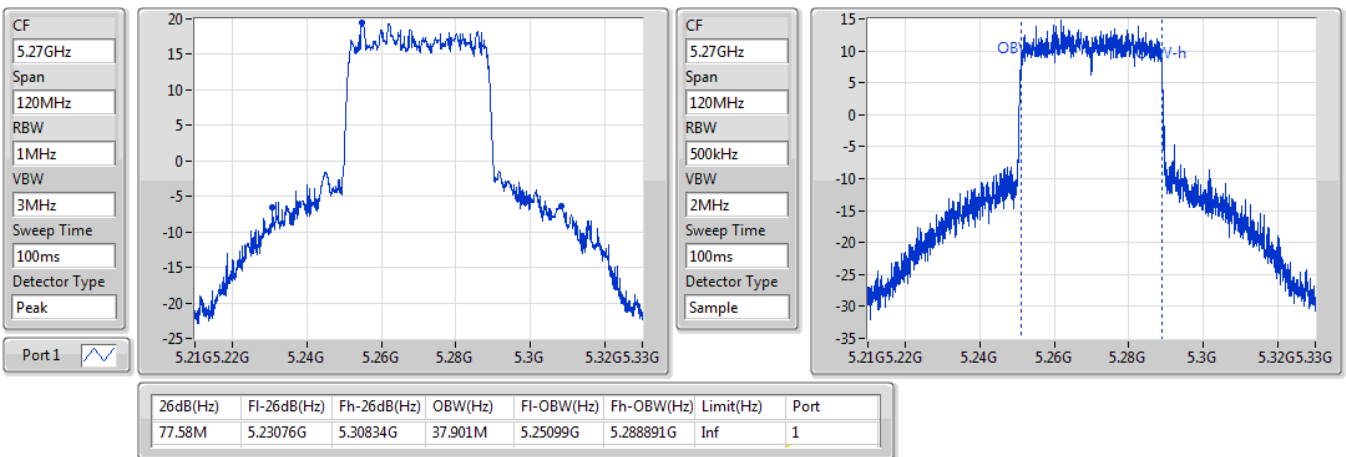
26/10/2019



**802.11ax HEW40\_Nss1,(MCS0)\_1TX**  
**5270MHz**

EBW

26/10/2019

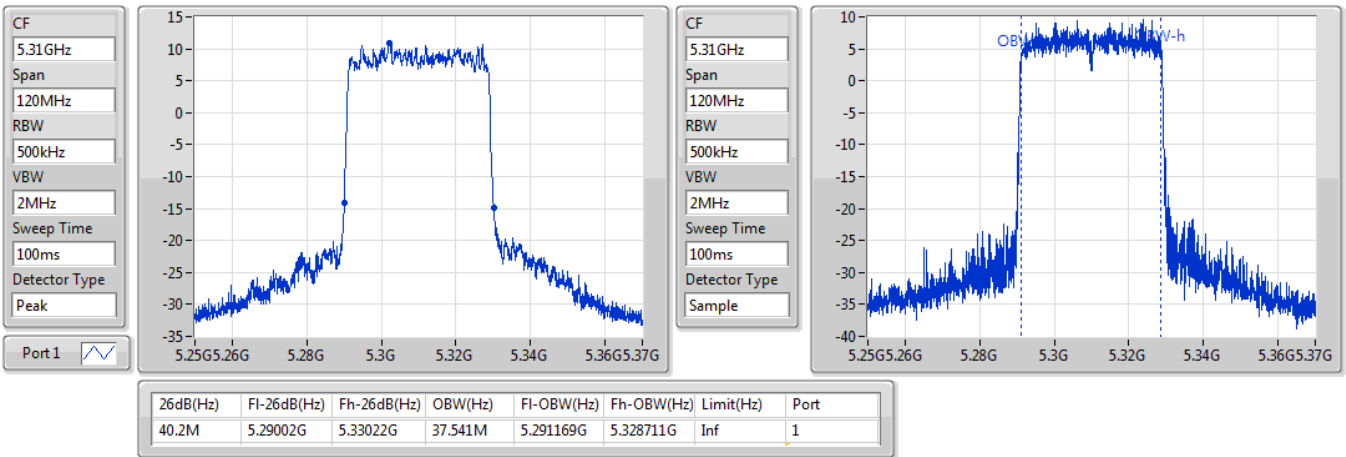


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5310MHz

26/10/2019

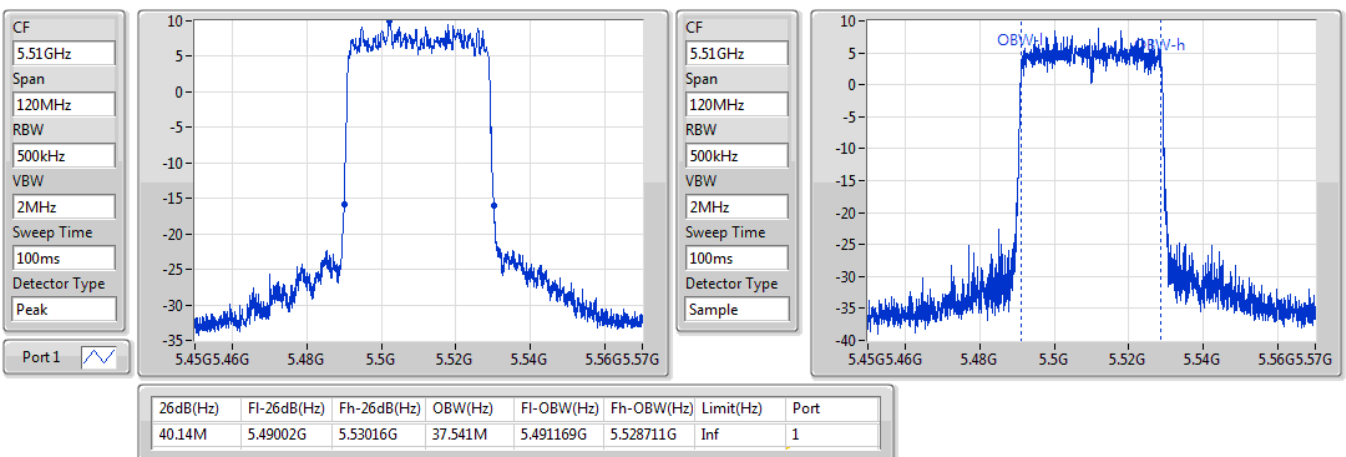


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5510MHz

26/10/2019

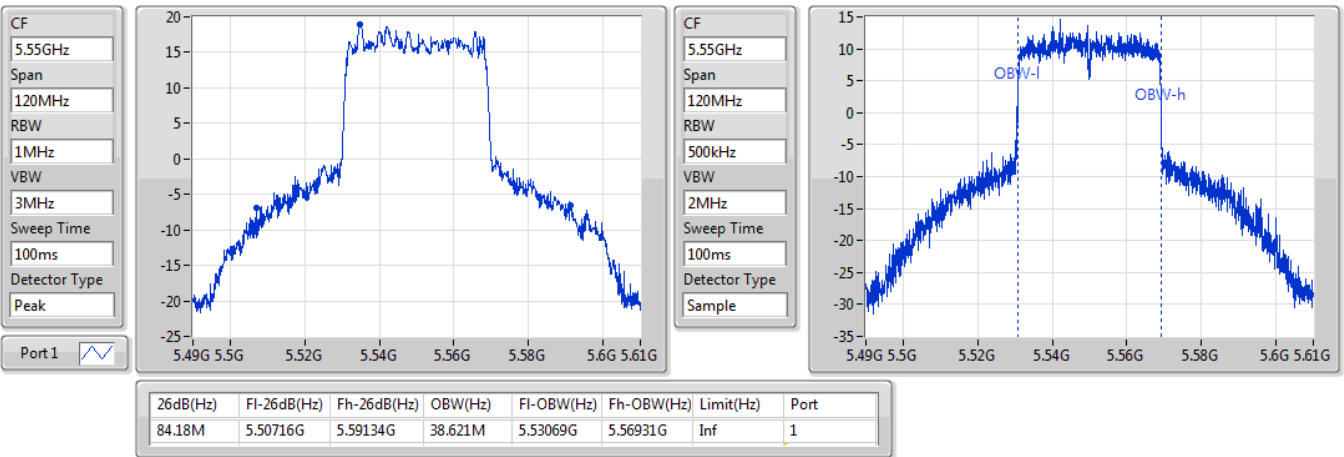


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5550MHz

26/10/2019

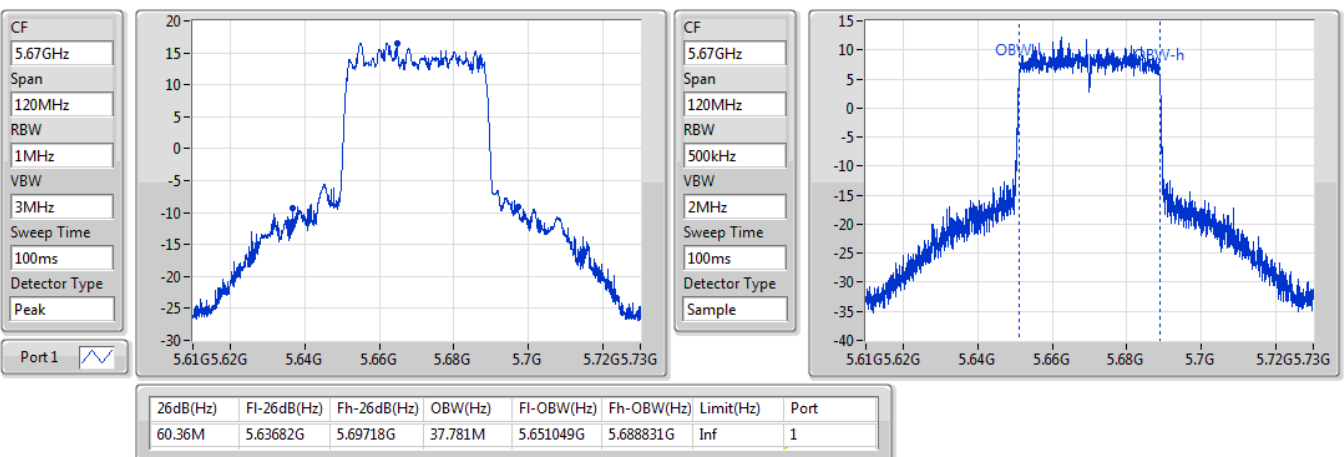


802.11ax HEW40\_Nss1,(MCS0)\_1TX

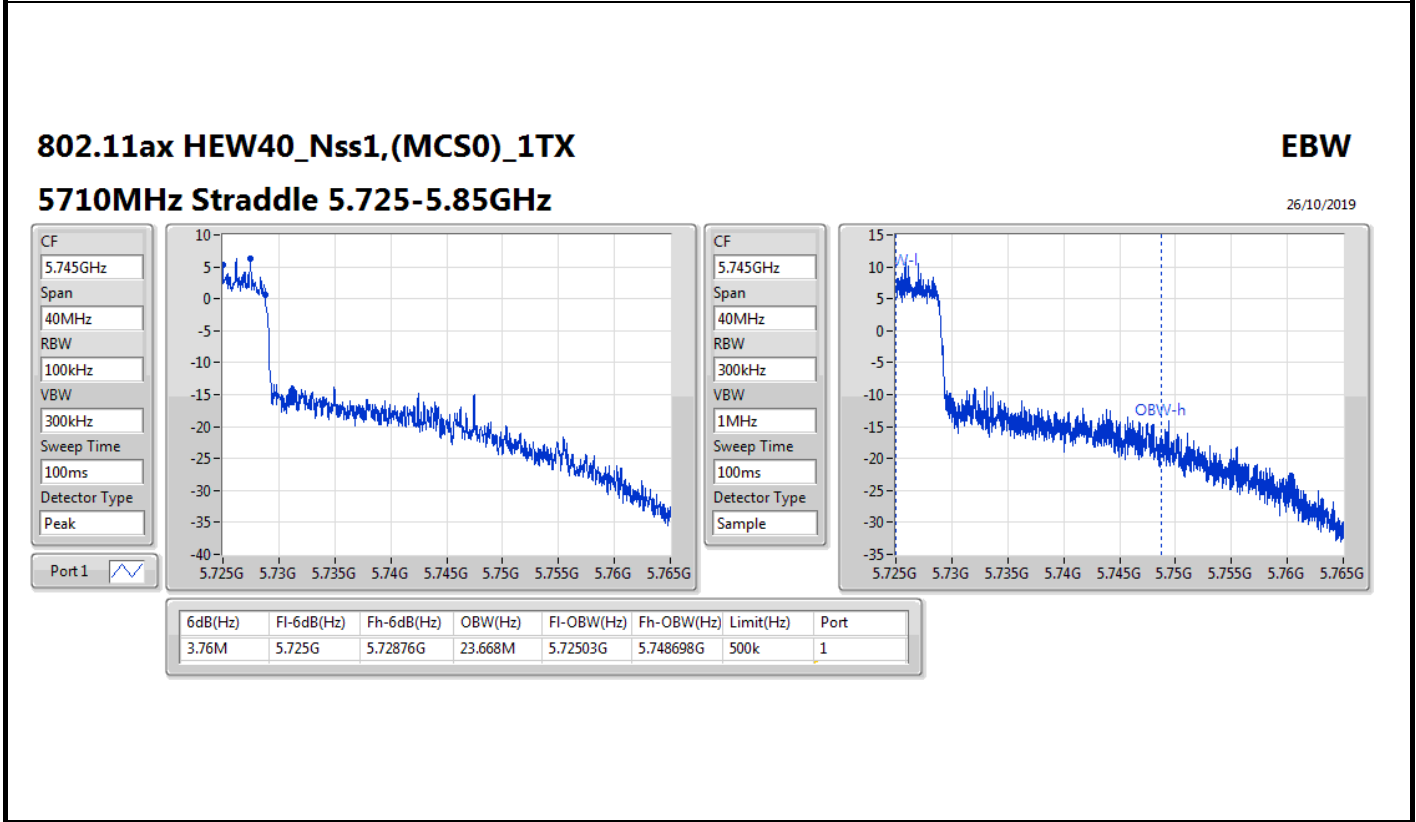
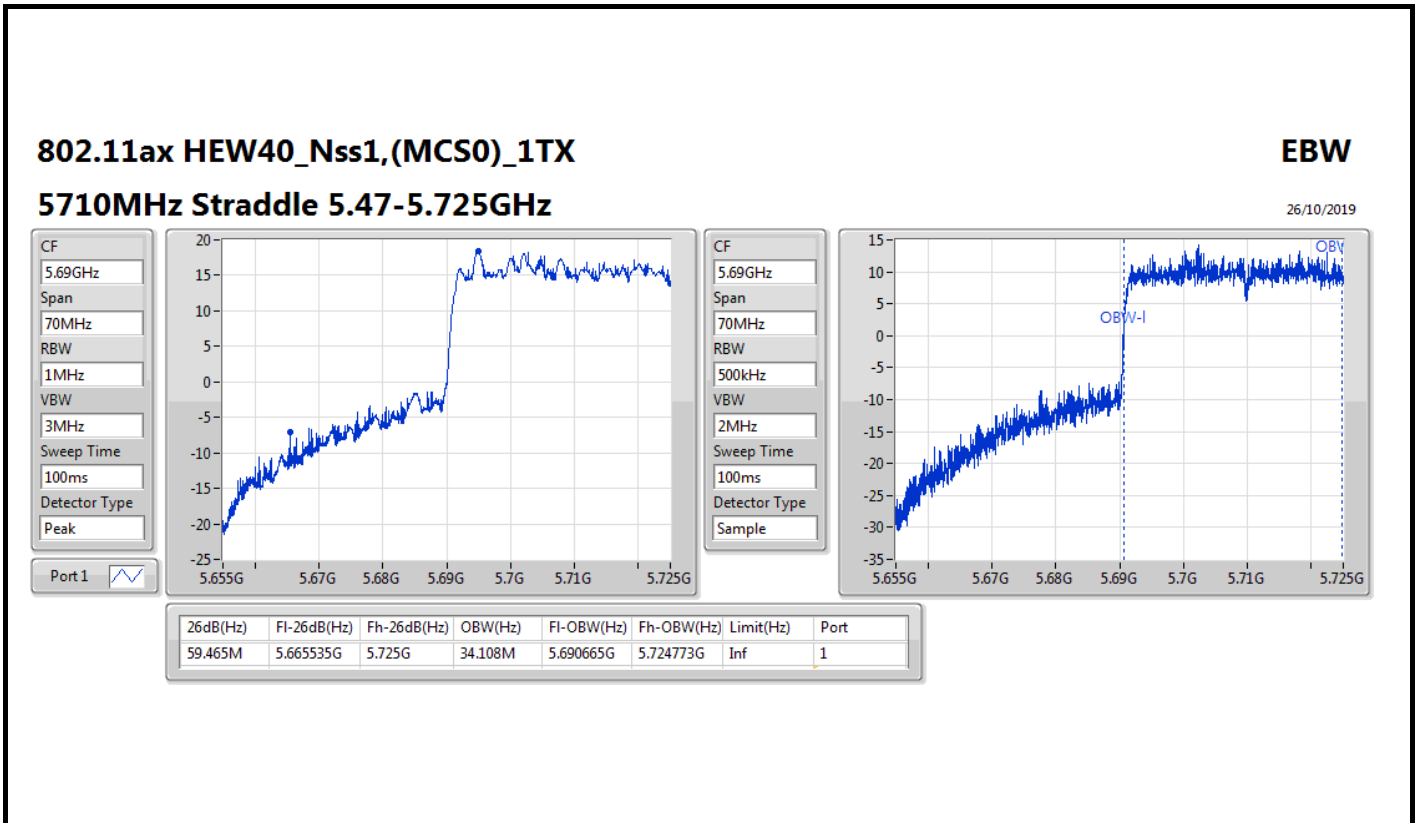
EBW

5670MHz

26/10/2019







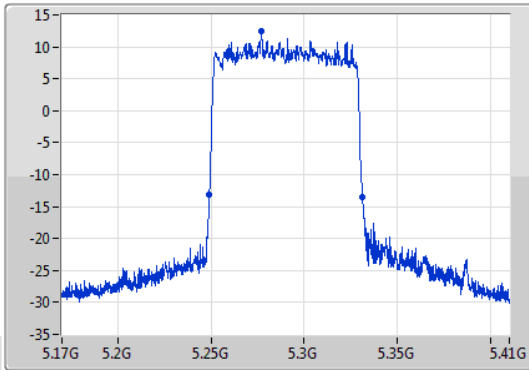
802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

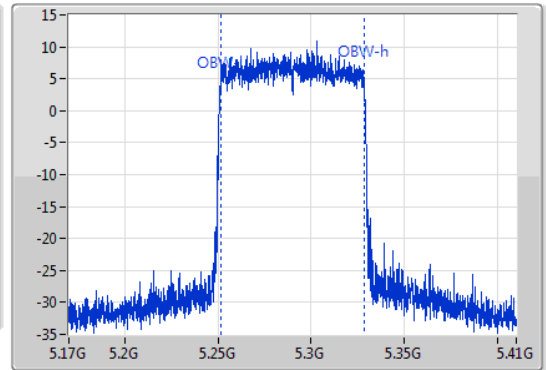
5290MHz

26/10/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.2492G	5.33128G	77.001M	5.251379G	5.328381G	Inf	1

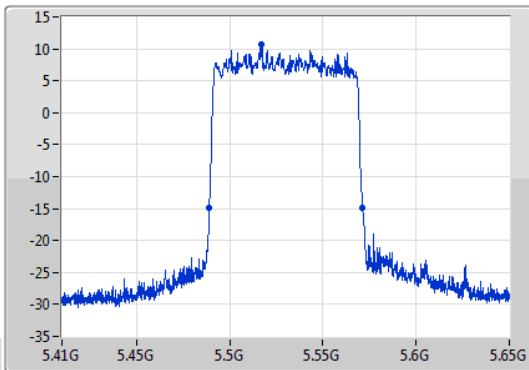
802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

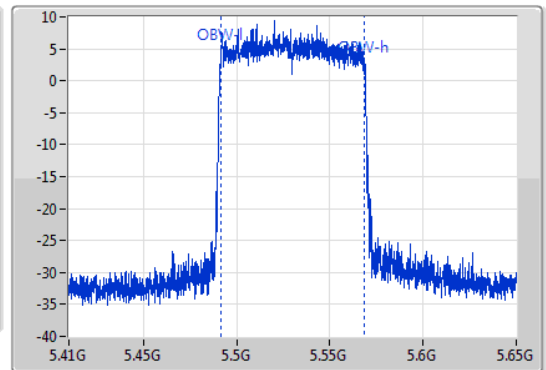
5530MHz

26/10/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



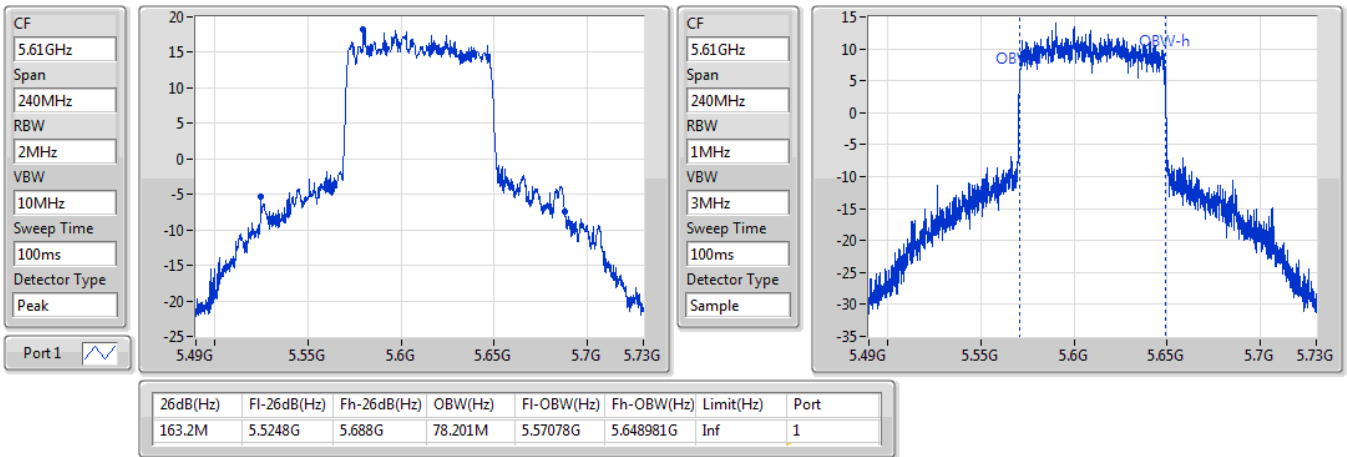
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48908G	5.5714G	77.121M	5.491379G	5.568501G	Inf	1

802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5610MHz

26/10/2019

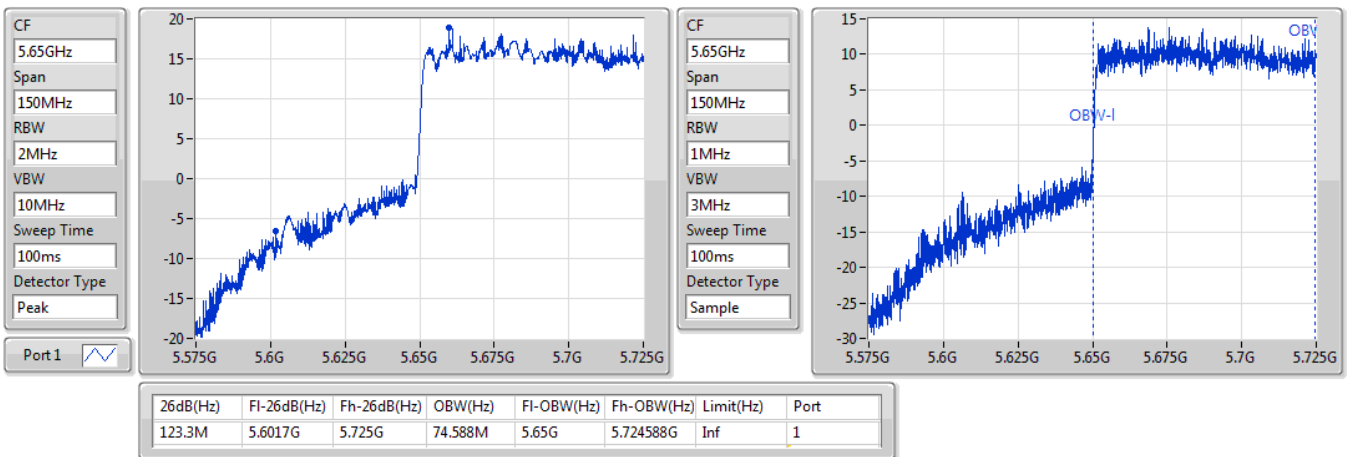


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

26/10/2019

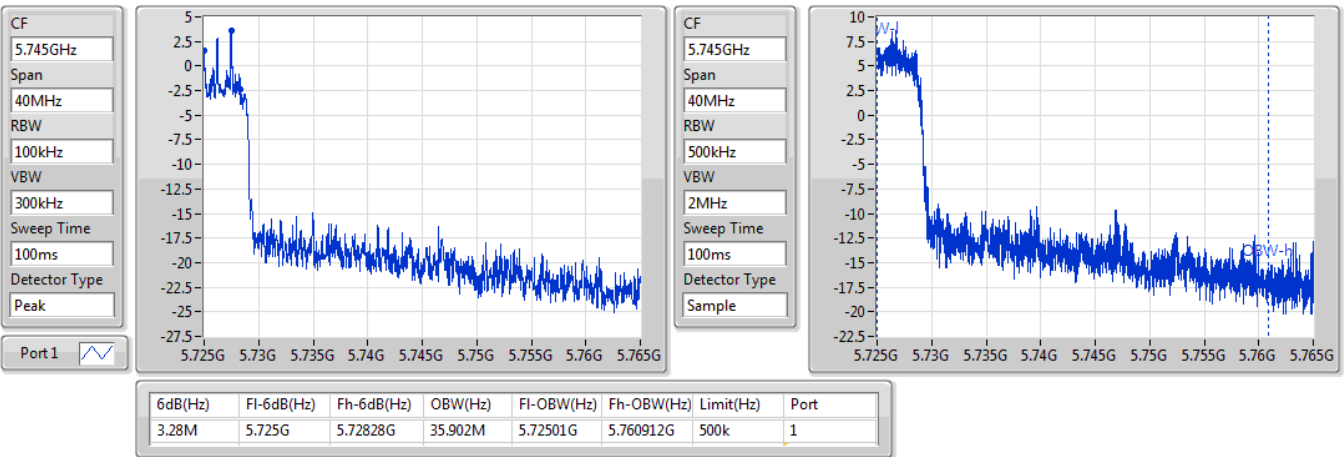


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

26/10/2019

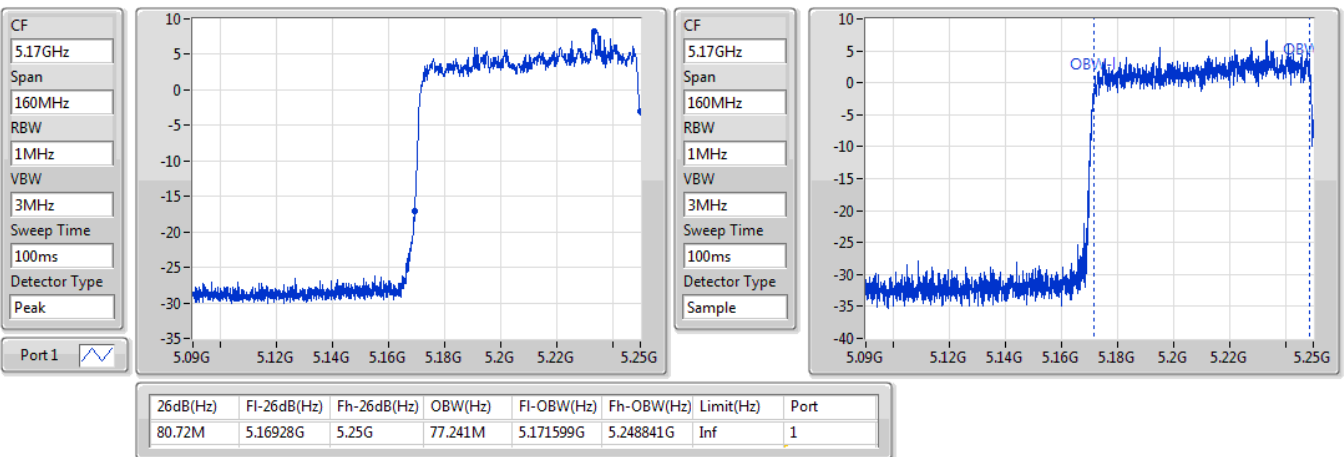


802.11ax HEW160\_Nss1,(MCS0)\_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

26/10/2019

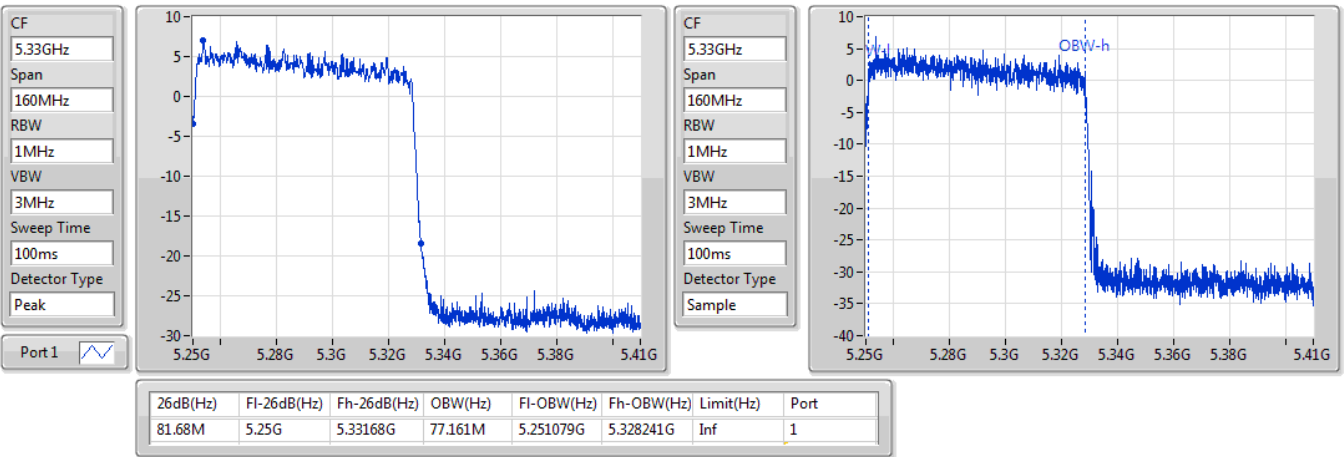


802.11ax HEW160\_Nss1,(MCS0)\_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

26/10/2019

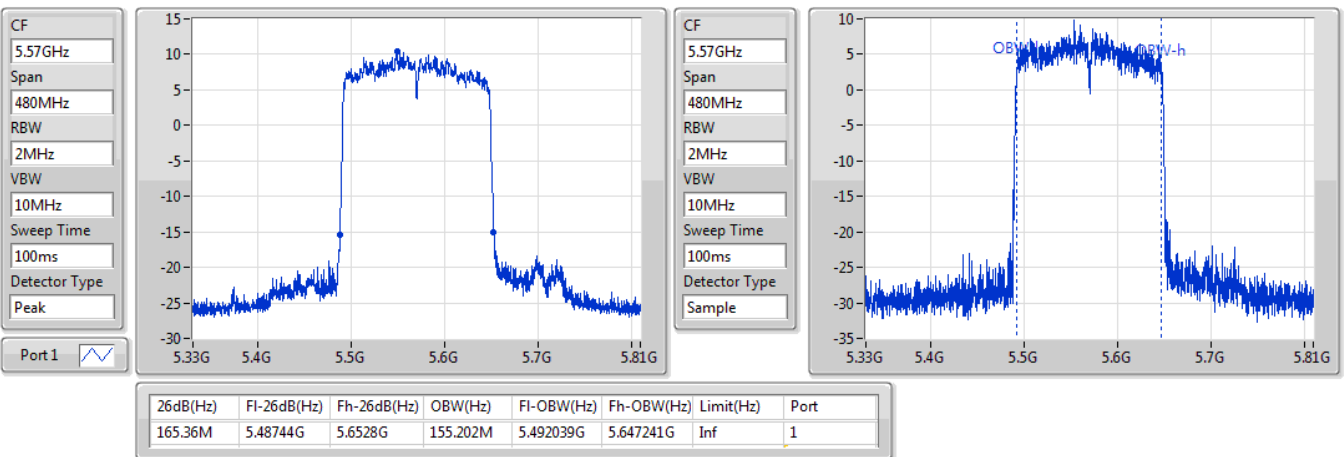


802.11ax HEW160\_Nss1,(MCS0)\_1TX

EBW

5570MHz

27/10/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	82.88M	75.882M	75M9D1D	81.44M	75.642M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.12M	77.161M	77M2D1D	81.04M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.23M	16.642M	16M6D1D	21.45M	16.582M
802.11ac VHT20_Nss2,(MCS0)_2TX	34.92M	17.961M	18MOD1D	22.11M	17.751M
802.11ac VHT40_Nss2,(MCS0)_2TX	61.08M	36.402M	36M4D1D	40.08M	36.282M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.84M	75.802M	75M8D1D	81.48M	75.802M
802.11ac VHT160_Nss2,(MCS0)_2TX	82.24M	75.882M	75M9D1D	82M	75.882M
802.11ax HEW20_Nss2,(MCS0)_2TX	33.3M	19.1M	19M1D1D	21.39M	18.981M
802.11ax HEW40_Nss2,(MCS0)_2TX	73.86M	37.721M	37M7D1D	40.02M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	77.121M	77M1D1D	81.24M	76.882M
802.11ax HEW160_Nss2,(MCS0)_2TX	82.56M	77.321M	77M3D1D	82.32M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.12M	16.672M	16M7D1D	15.69M	13.373M
802.11ac VHT20_Nss2,(MCS0)_2TX	39.39M	18.471M	18M5D1D	21.63M	14.063M
802.11ac VHT40_Nss2,(MCS0)_2TX	75.96M	37.121M	37M1D1D	39.9M	33.163M
802.11ac VHT80_Nss2,(MCS0)_2TX	150M	76.522M	76M5D1D	81.48M	72.714M
802.11ac VHT160_Nss2,(MCS0)_2TX	165.36M	154.483M	154MD1D	164.88M	154.243M
802.11ax HEW20_Nss2,(MCS0)_2TX	43.89M	19.37M	19M4D1D	21.57M	14.618M
802.11ax HEW40_Nss2,(MCS0)_2TX	85.74M	38.201M	38M2D1D	39.96M	33.863M
802.11ax HEW80_Nss2,(MCS0)_2TX	159.48M	77.961M	78MOD1D	81.24M	73.463M
802.11ax HEW160_Nss2,(MCS0)_2TX	225.36M	155.442M	155MD1D	165.36M	155.202M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	4.218M	4M22D1D	3.12M	3.978M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.74M	9.555M	9M56D1D	3.72M	5.777M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.1M	23.348M	23M3D1D	3.1M	19.69M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.1M	35.682M	35M7D1D	3.1M	32.544M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.44M	11.794M	11M8D1D	4.4M	7.476M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.72M	23.868M	23M9D1D	3.68M	19.71M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.74M	34.523M	34M5D1D	3.72M	31.884M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	16.612M	22.14M	16.642M
5300MHz	Pass	Inf	21.51M	16.612M	22.17M	16.582M
5320MHz	Pass	Inf	21.51M	16.612M	22.23M	16.612M
5500MHz	Pass	Inf	21.48M	16.612M	22.05M	16.612M
5580MHz	Pass	Inf	21.66M	16.642M	27.12M	16.672M
5700MHz	Pass	Inf	21.39M	16.642M	21.9M	16.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.373M	15.96M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.978M	3.12M	4.218M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	28.29M	17.811M	31.05M	17.961M
5300MHz	Pass	Inf	27.9M	17.811M	34.92M	17.961M
5320MHz	Pass	Inf	22.11M	17.781M	23.64M	17.751M
5500MHz	Pass	Inf	22.05M	17.811M	24.45M	17.841M
5580MHz	Pass	Inf	36.24M	17.961M	39.39M	18.471M
5700MHz	Pass	Inf	22.02M	17.781M	21.63M	17.781M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.66M	14.063M	25.38M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	5.777M	3.74M	9.555M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	61.08M	36.342M	59.04M	36.402M
5310MHz	Pass	Inf	40.38M	36.282M	40.08M	36.282M
5510MHz	Pass	Inf	39.9M	36.282M	40.08M	36.222M
5550MHz	Pass	Inf	74.64M	36.402M	75.96M	37.121M
5670MHz	Pass	Inf	40.38M	36.282M	40.08M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.795M	33.163M	54.46M	33.373M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	19.69M	3.1M	23.348M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	75.802M	81.48M	75.802M
5530MHz	Pass	Inf	82.08M	75.682M	81.48M	75.802M
5610MHz	Pass	Inf	115.32M	76.042M	150M	76.522M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	112.2M	72.714M	112.05M	72.864M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	32.544M	3.1M	35.682M
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.88M	75.882M	81.44M	75.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.24M	75.882M	82M	75.882M
5570MHz	Pass	Inf	165.36M	154.243M	164.88M	154.483M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.92M	19.01M	33.3M	19.1M
5300MHz	Pass	Inf	21.87M	19.01M	31.47M	19.07M
5320MHz	Pass	Inf	21.84M	18.981M	21.39M	19.04M
5500MHz	Pass	Inf	21.81M	19.01M	24.18M	19.04M
5580MHz	Pass	Inf	34.38M	19.07M	43.89M	19.37M
5700MHz	Pass	Inf	21.78M	18.981M	21.57M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.125M	14.618M	24.405M	14.783M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	7.476M	4.4M	11.794M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	53.58M	37.721M	73.86M	37.661M
5310MHz	Pass	Inf	40.02M	37.601M	40.08M	37.541M
5510MHz	Pass	Inf	40.2M	37.661M	39.96M	37.481M
5550MHz	Pass	Inf	74.16M	37.781M	85.74M	38.201M
5670MHz	Pass	Inf	40.14M	37.661M	54.24M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	55.37M	33.863M	59.115M	34.003M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	19.71M	3.68M	23.868M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.24M	76.882M	81.48M	77.121M
5530MHz	Pass	Inf	81.24M	76.882M	81.6M	77.121M
5610MHz	Pass	Inf	94.44M	77.121M	159.48M	77.961M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	97.95M	73.463M	115.875M	73.763M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	31.884M	3.72M	34.523M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.04M	77.081M	81.12M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.32M	77.081M	82.56M	77.321M
5570MHz	Pass	Inf	165.36M	155.202M	225.36M	155.442M

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

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



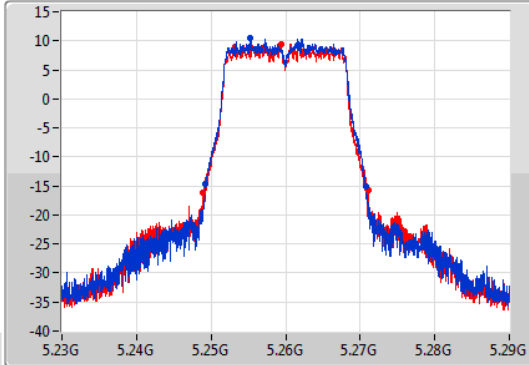
802.11a\_Nss1,(6Mbps)\_2TX

EBW

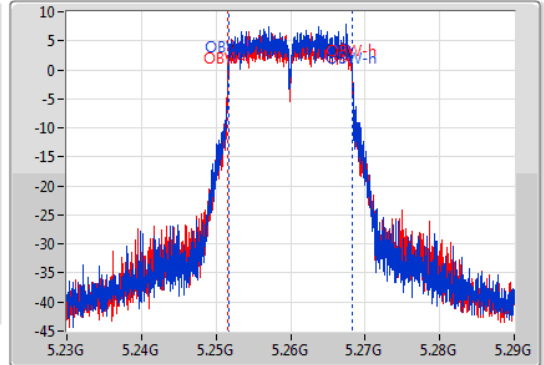
5260MHz

27/10/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.24929G	5.27074G	16.612M	5.251664G	5.268276G	Inf	1
22.14M	5.2489G	5.27104G	16.642M	5.251604G	5.268246G	Inf	2

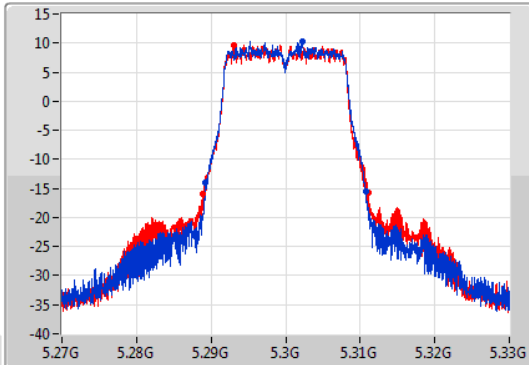
802.11a\_Nss1,(6Mbps)\_2TX

EBW

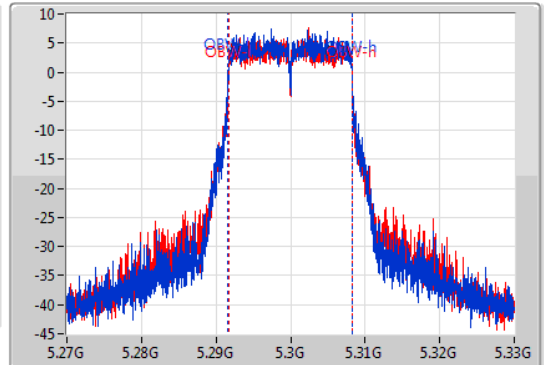
5300MHz

27/10/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.28929G	5.3108G	16.612M	5.291634G	5.308246G	Inf	1
22.17M	5.28893G	5.3111G	16.582M	5.291664G	5.308246G	Inf	2

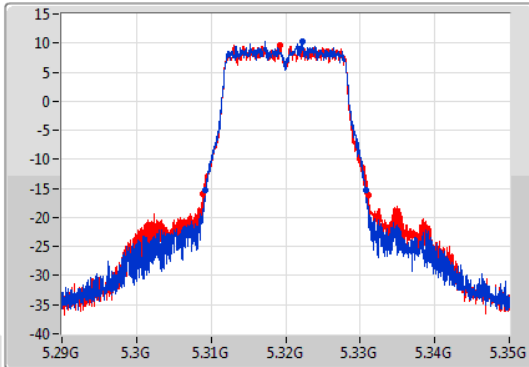
802.11a\_Nss1,(6Mbps)\_2TX

EBW

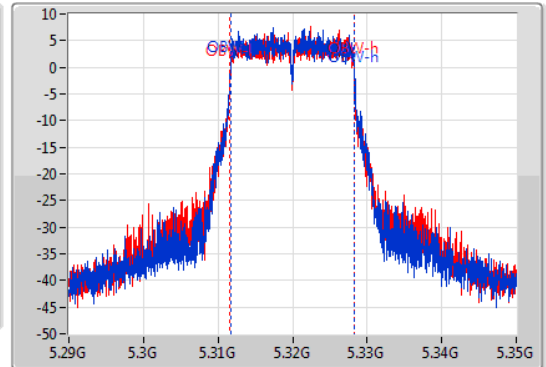
5320MHz

27/10/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.30926G	5.33077G	16.612M	5.311664G	5.328276G	Inf	1
22.23M	5.3089G	5.33113G	16.612M	5.311634G	5.328246G	Inf	2

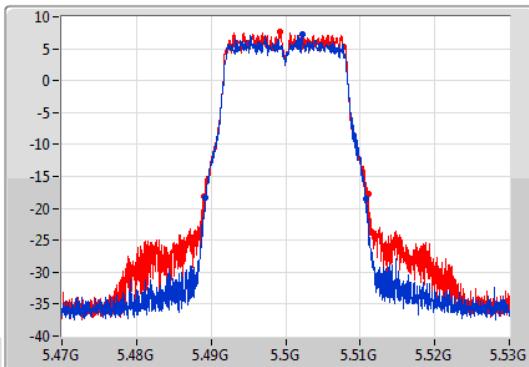
802.11a\_Nss1,(6Mbps)\_2TX

EBW

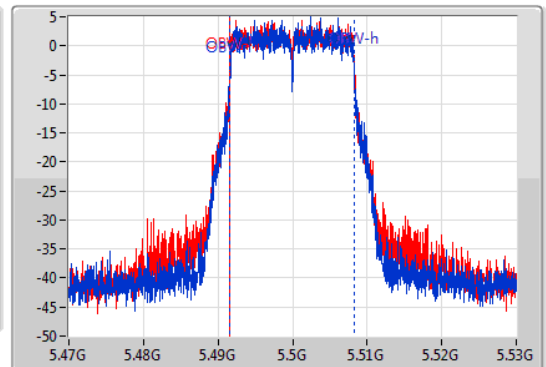
5500MHz

27/10/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.48926G	5.51074G	16.612M	5.491634G	5.508246G	Inf	1
22.05M	5.48899G	5.51104G	16.612M	5.491634G	5.508246G	Inf	2

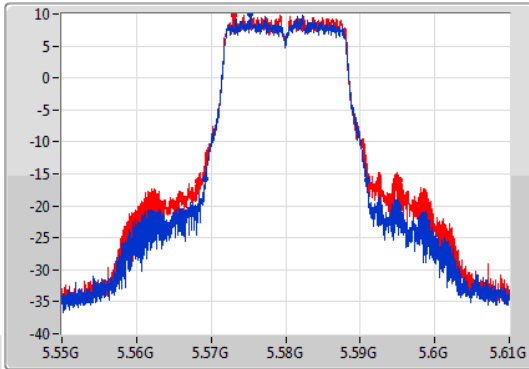
802.11a\_Nss1,(6Mbps)\_2TX

EBW

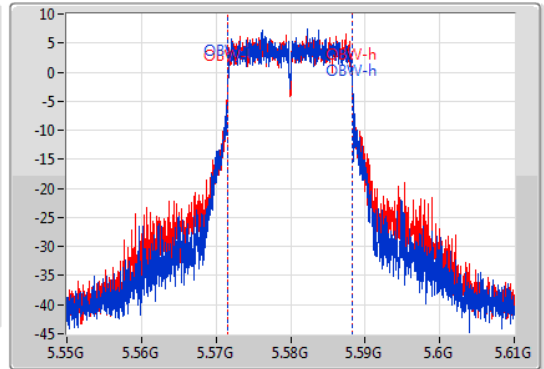
5580MHz

27/10/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.56923G	5.59089G	16.642M	5.571634G	5.588276G	Inf	1
27.12M	5.56821G	5.59533G	16.672M	5.571634G	5.588306G	Inf	2

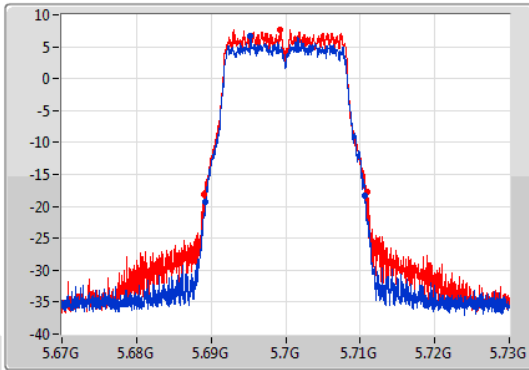
802.11a\_Nss1,(6Mbps)\_2TX

EBW

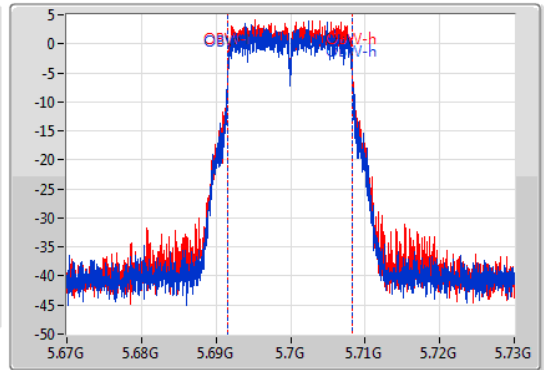
5700MHz

27/10/2019

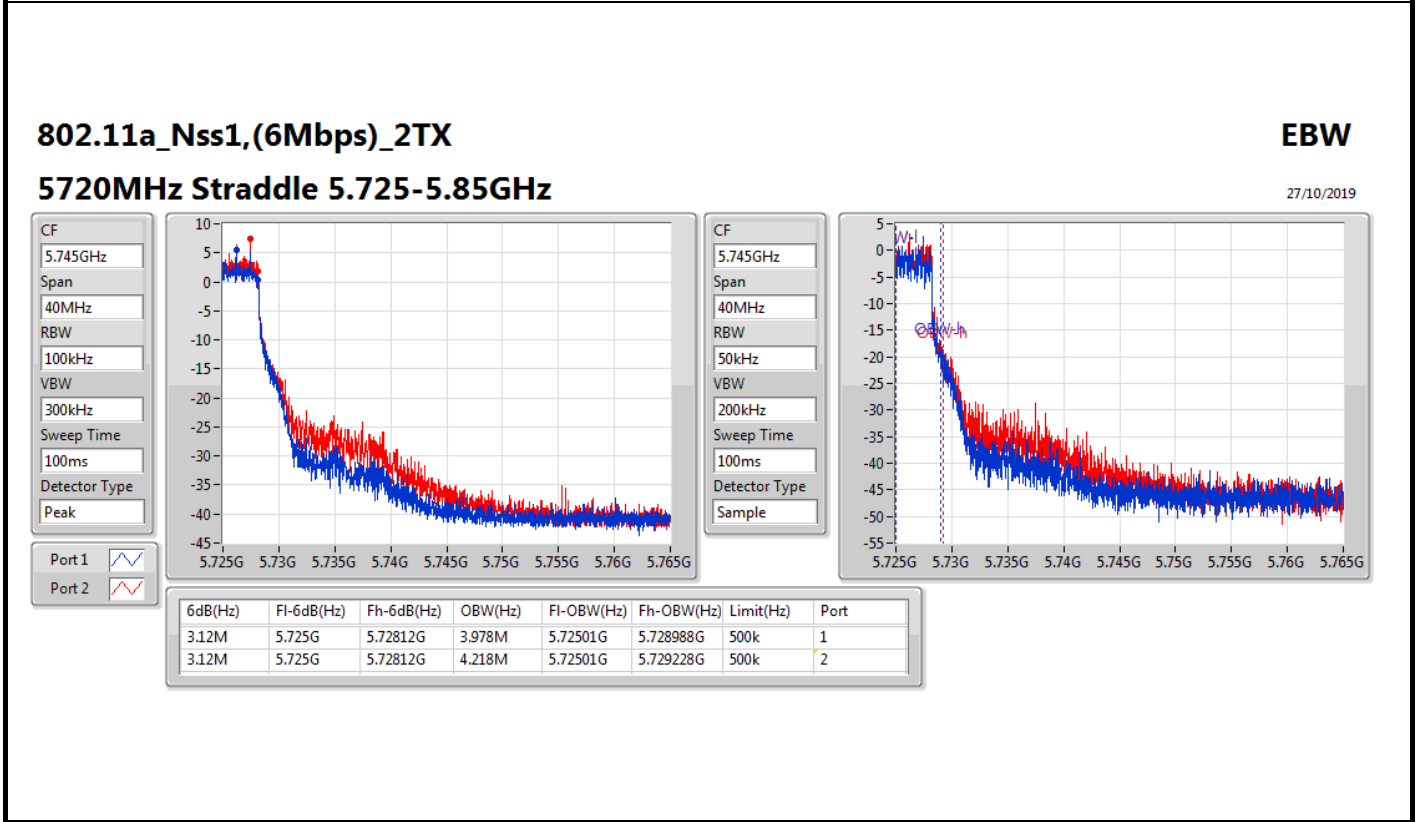
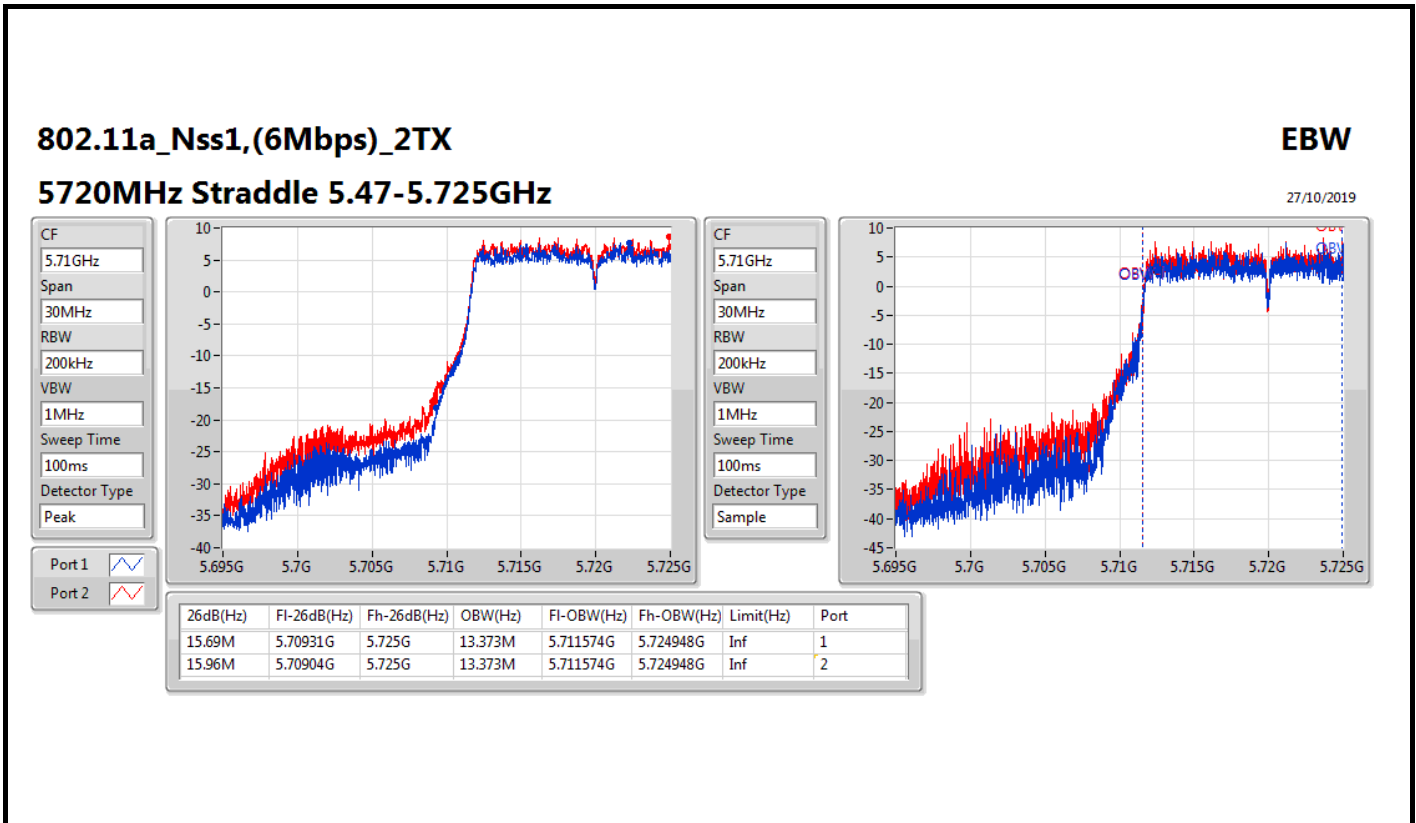
CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.68929G	5.71068G	16.642M	5.691634G	5.708276G	Inf	1
21.9M	5.68905G	5.71095G	16.612M	5.691634G	5.708246G	Inf	2

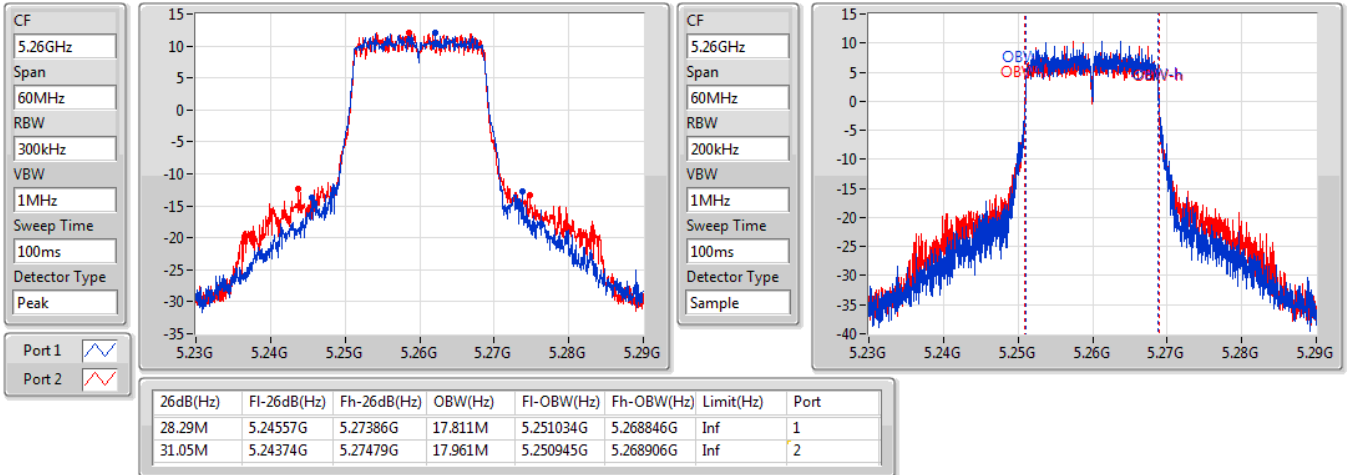


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5260MHz

27/10/2019

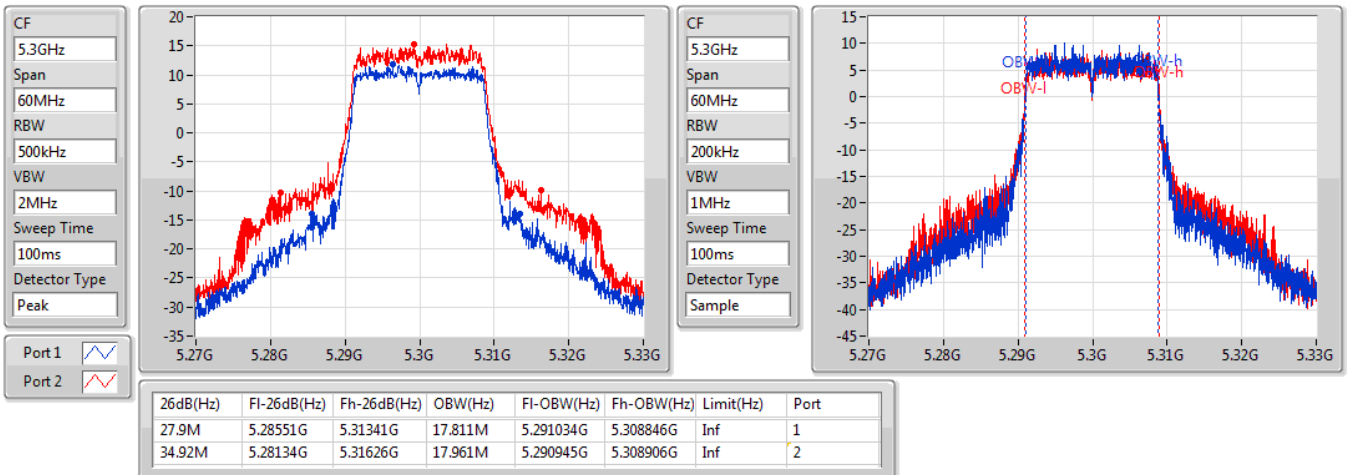


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5300MHz

27/10/2019

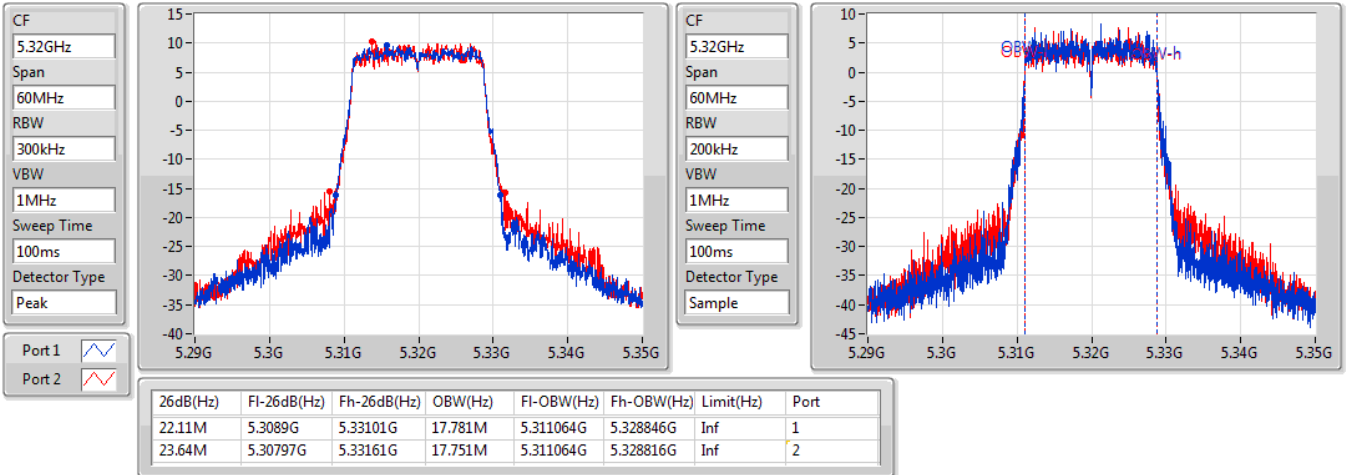


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5320MHz

27/10/2019

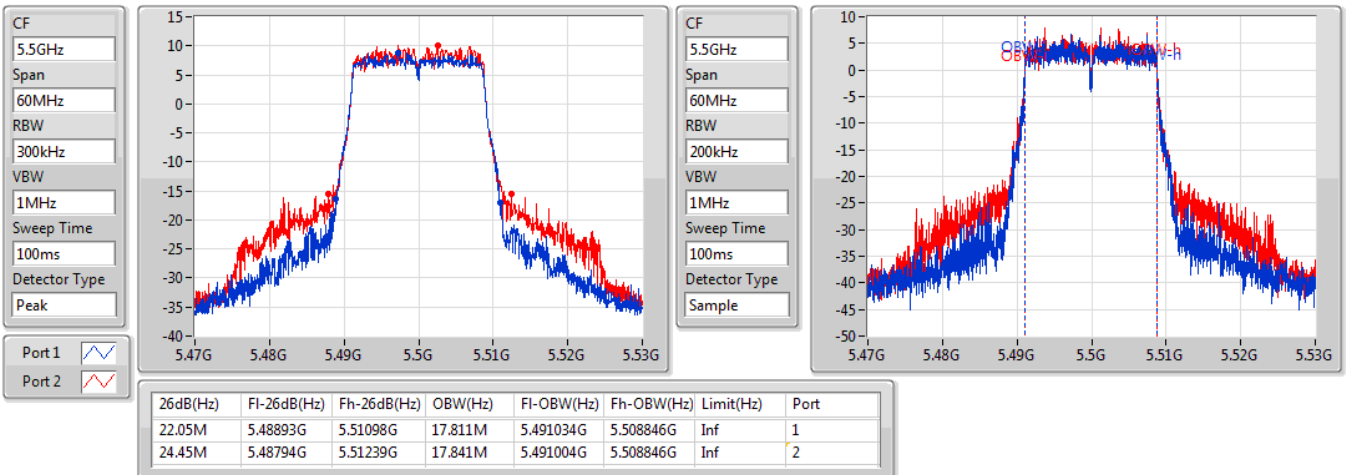


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5500MHz

27/10/2019



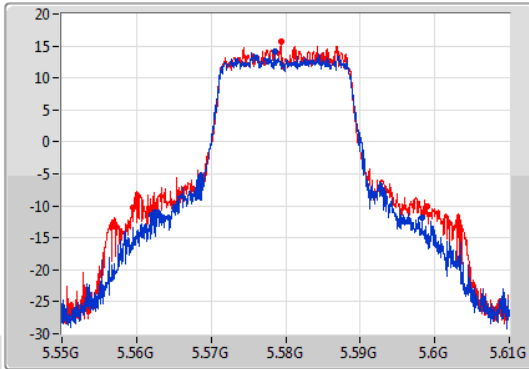
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

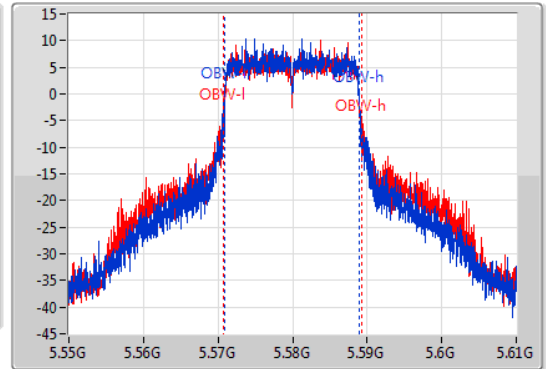
5580MHz

27/10/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.24M	5.56206G	5.5983G	17.961M	5.570945G	5.588906G	Inf	1
39.39M	5.55951G	5.5989G	18.471M	5.570735G	5.589205G	Inf	2

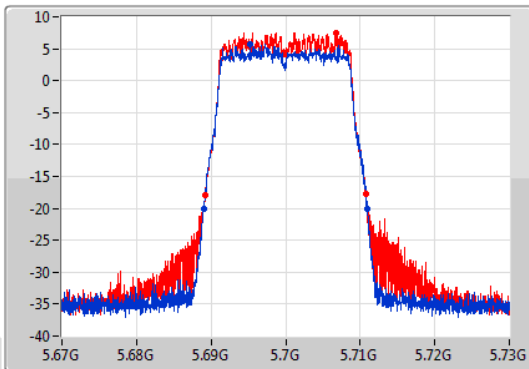
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

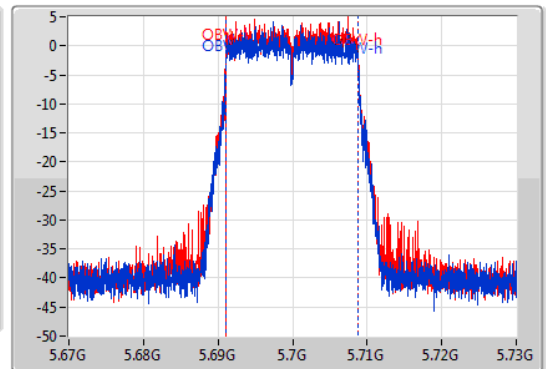
5700MHz

27/10/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



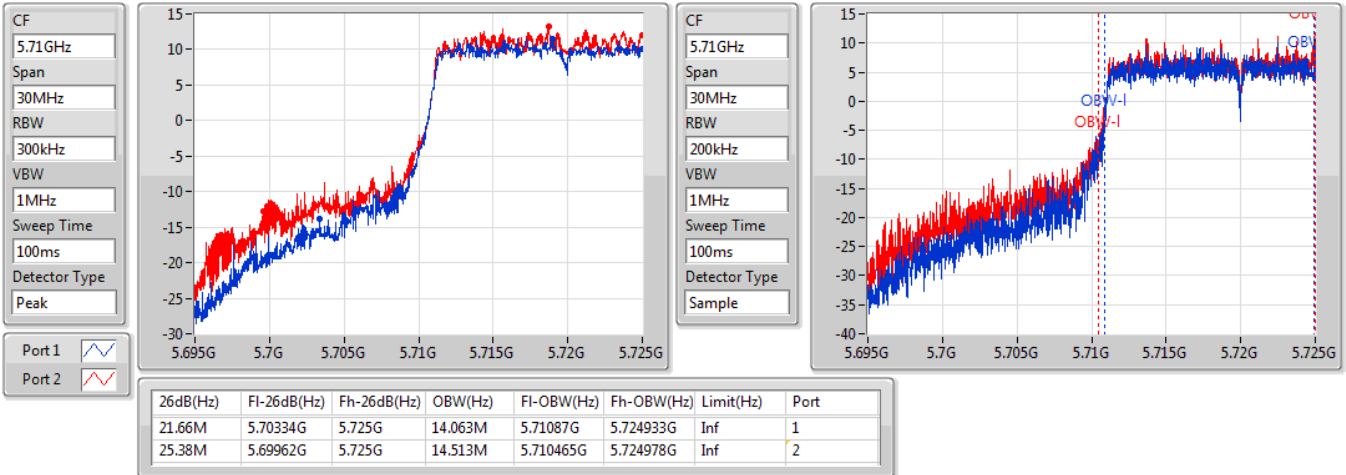
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.68899G	5.71101G	17.781M	5.691034G	5.708816G	Inf	1
21.63M	5.6892G	5.71083G	17.781M	5.691034G	5.708816G	Inf	2

802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

27/10/2019

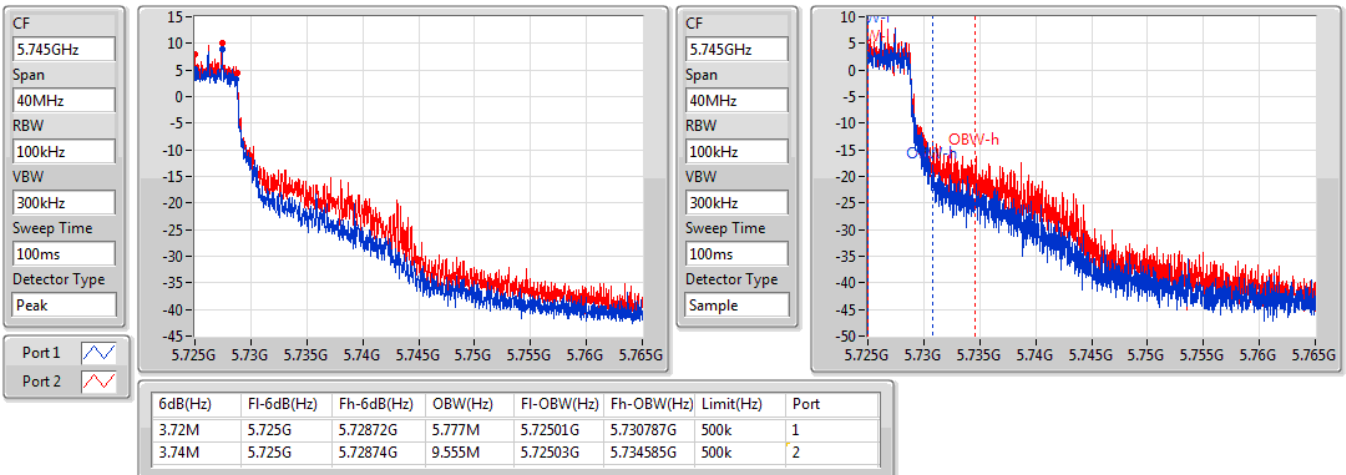


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

27/10/2019



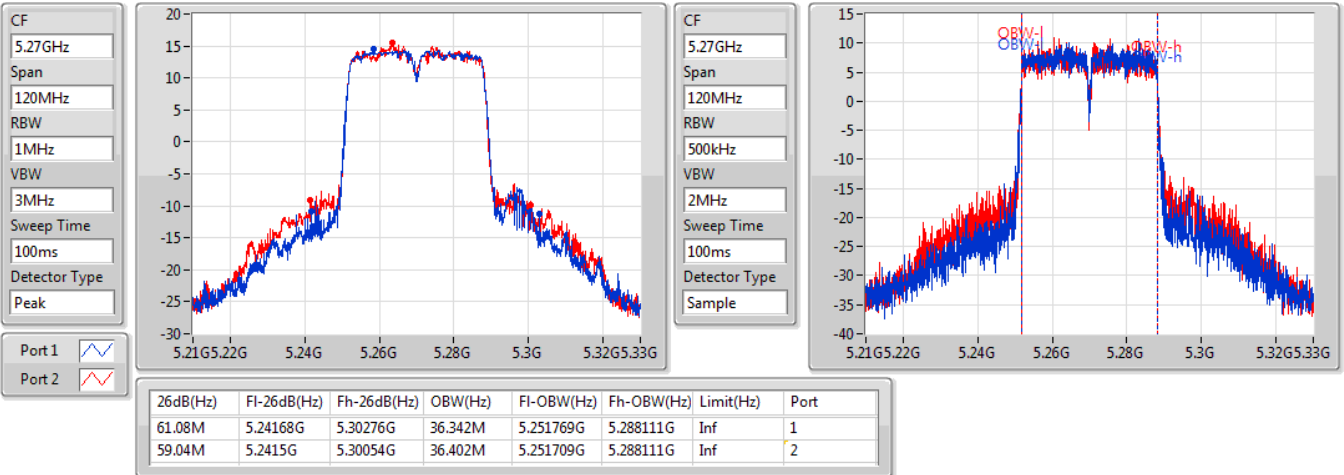


802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5270MHz

27/10/2019

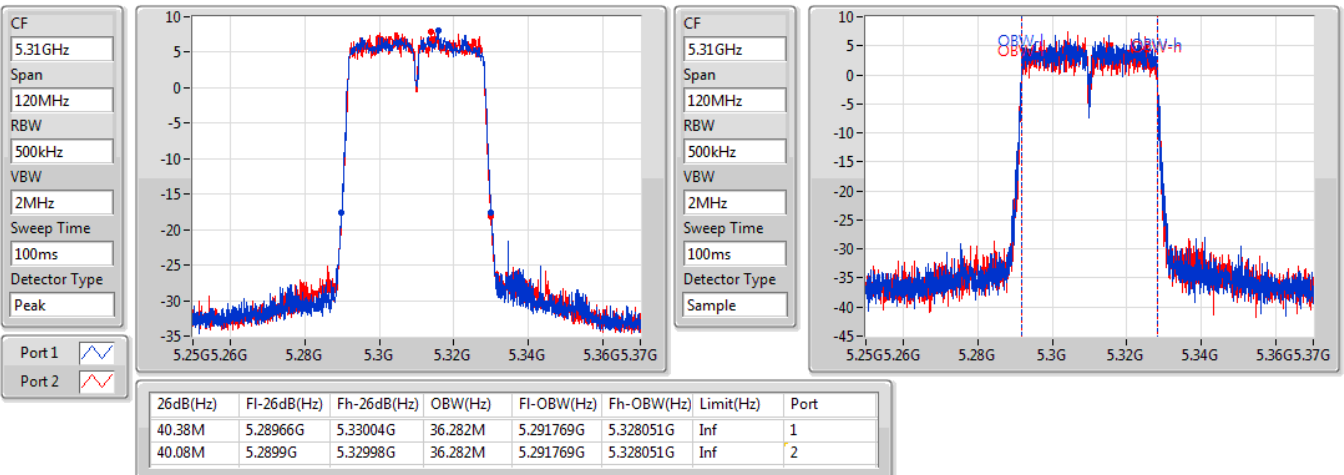


802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5310MHz

27/10/2019



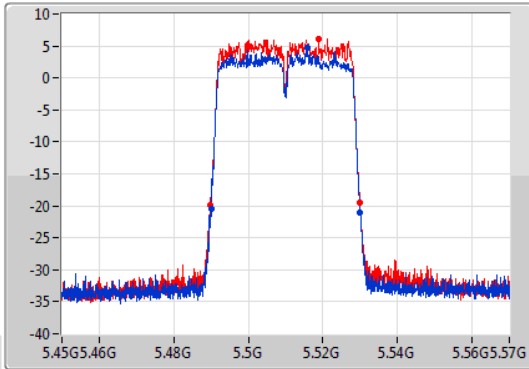
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

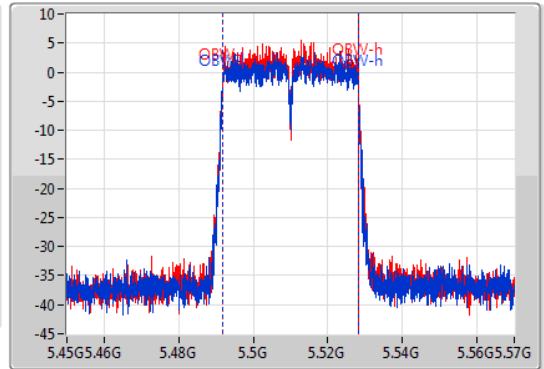
5510MHz

27/10/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49002G	5.52992G	36.282M	5.491769G	5.528051G	Inf	1
40.08M	5.48978G	5.52986G	36.222M	5.491829G	5.528051G	Inf	2

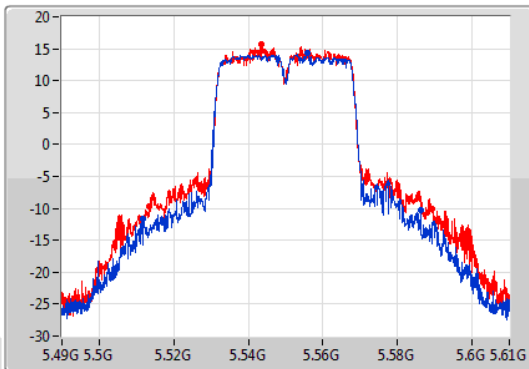
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

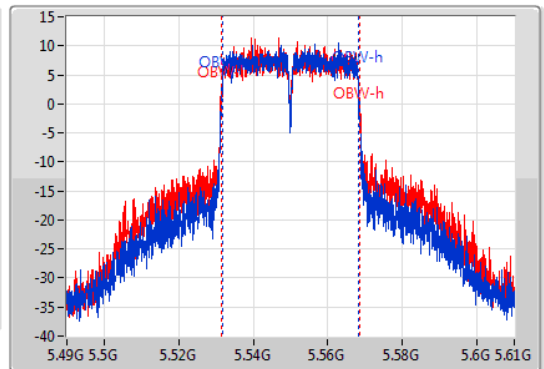
5550MHz

27/10/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



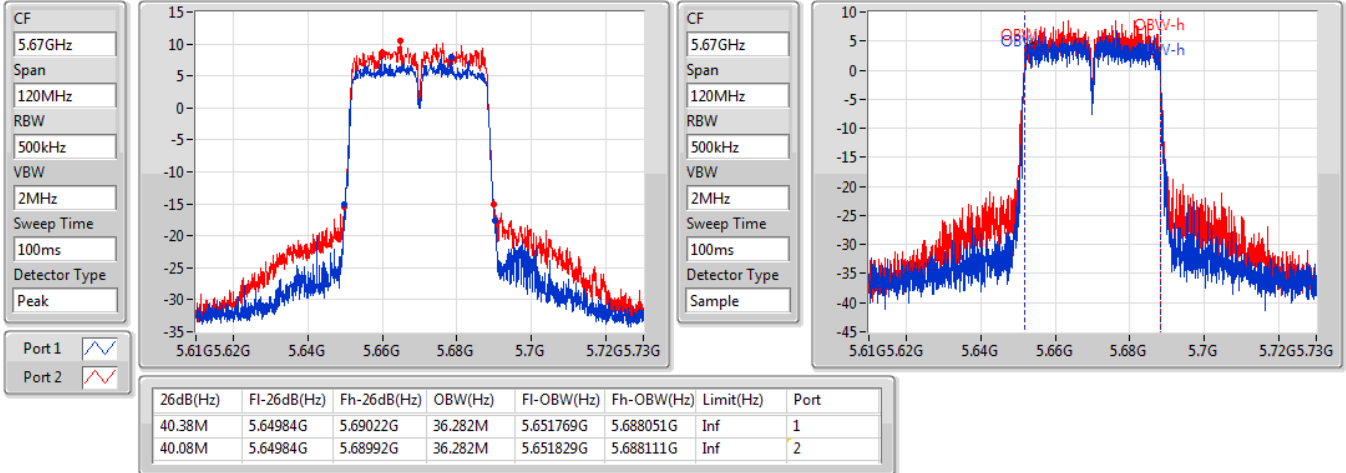
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.64M	5.5116G	5.58624G	36.402M	5.531709G	5.568111G	Inf	1
75.96M	5.51346G	5.58942G	37.121M	5.531409G	5.568531G	Inf	2

802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5670MHz

27/10/2019

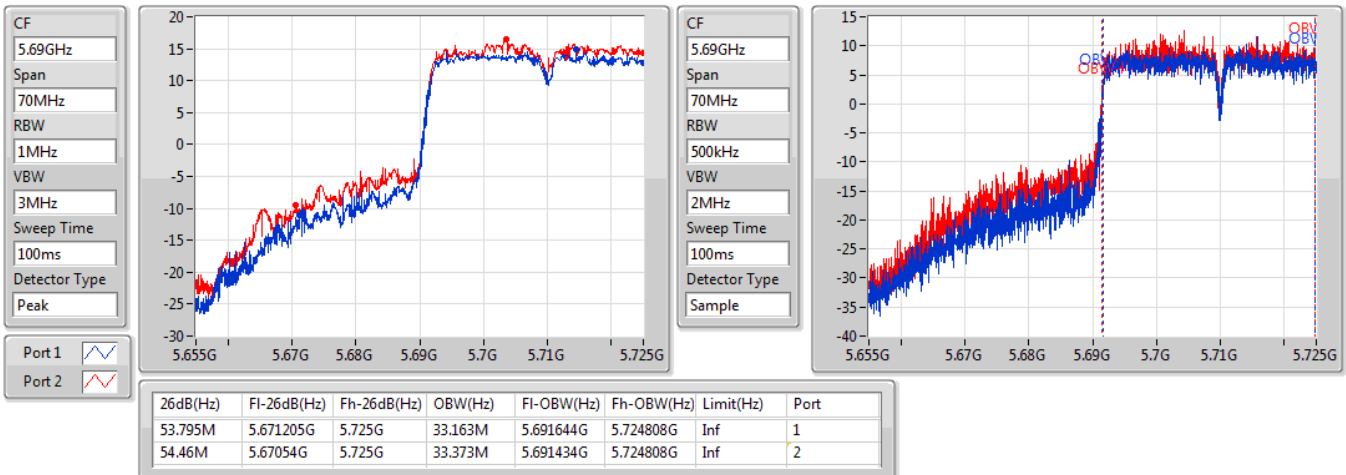


802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

27/10/2019

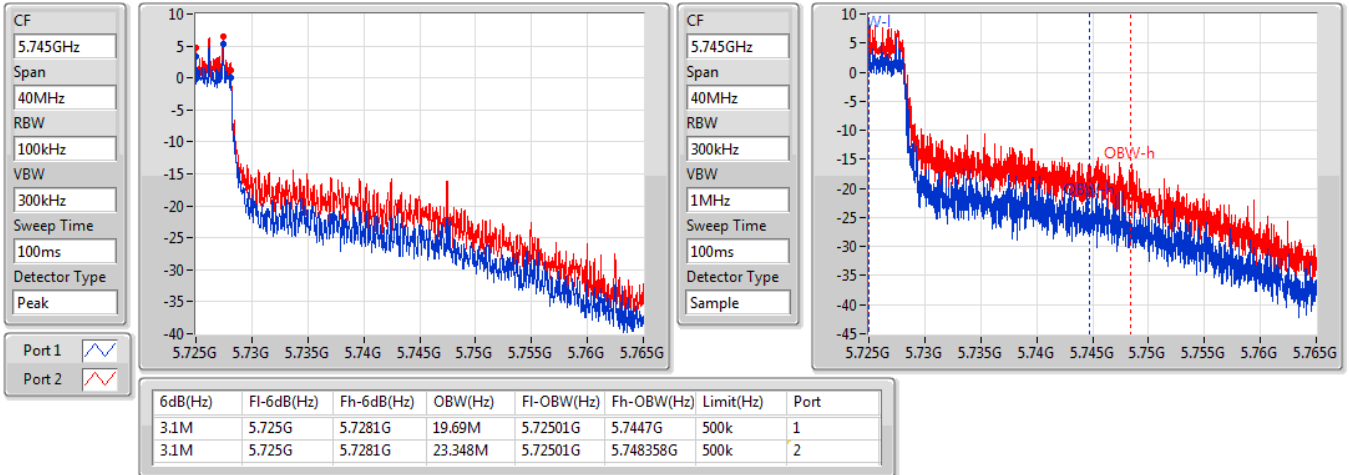


802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

27/10/2019

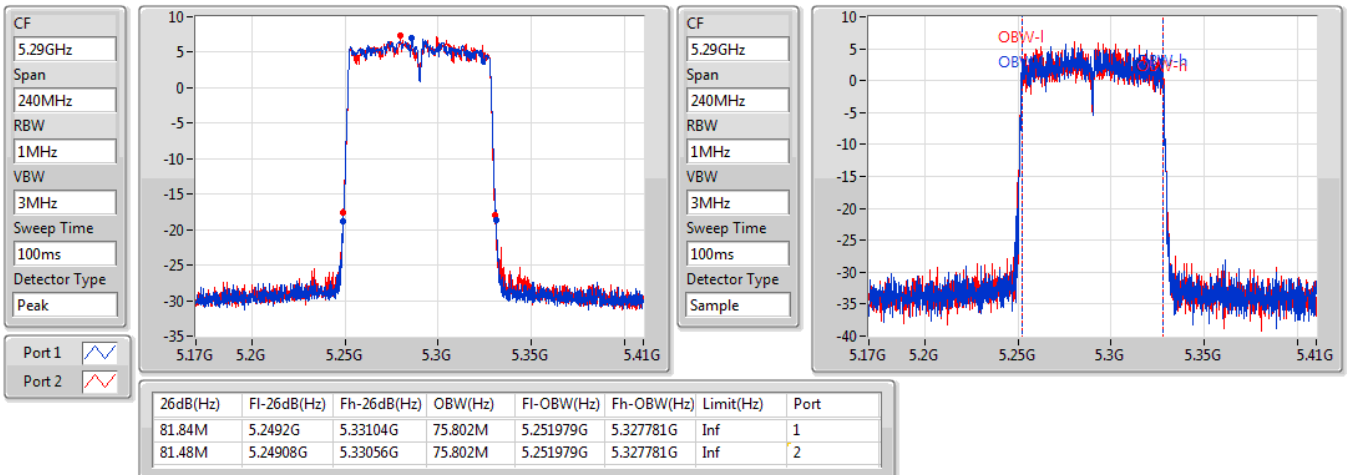


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5290MHz

27/10/2019

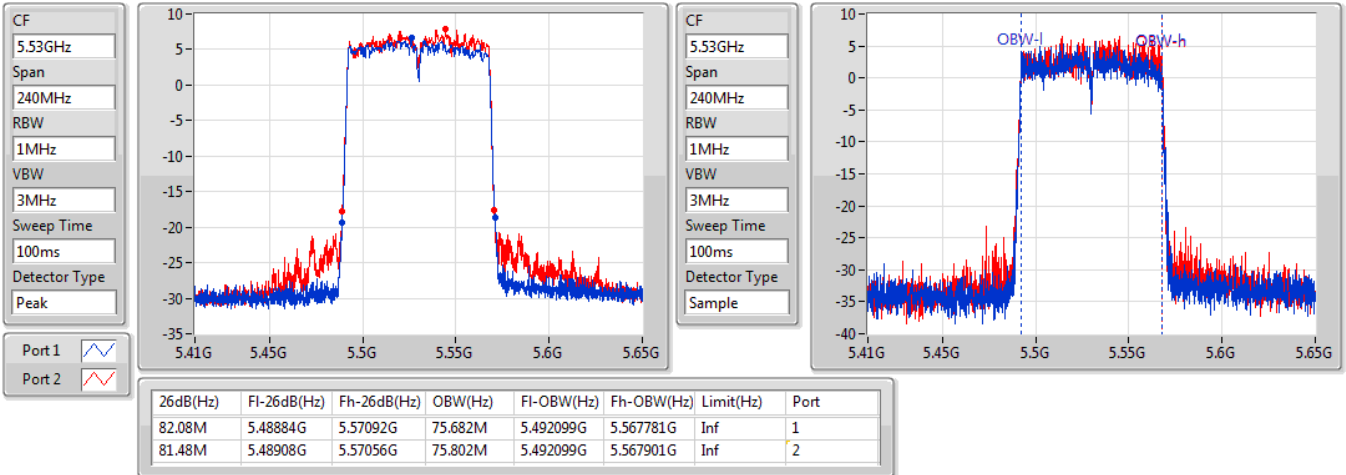


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5530MHz

27/10/2019

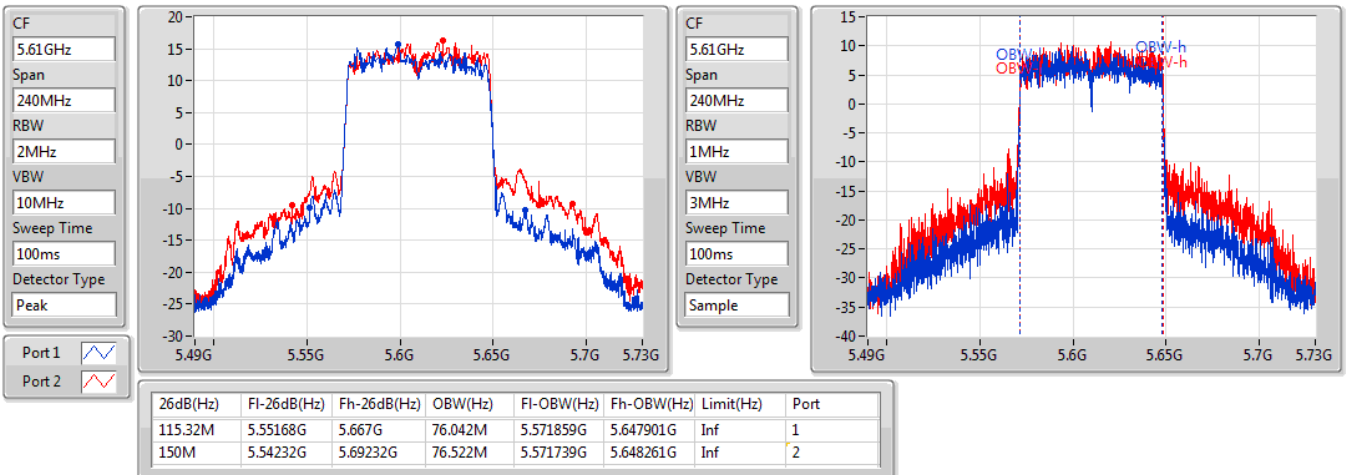


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5610MHz

27/10/2019

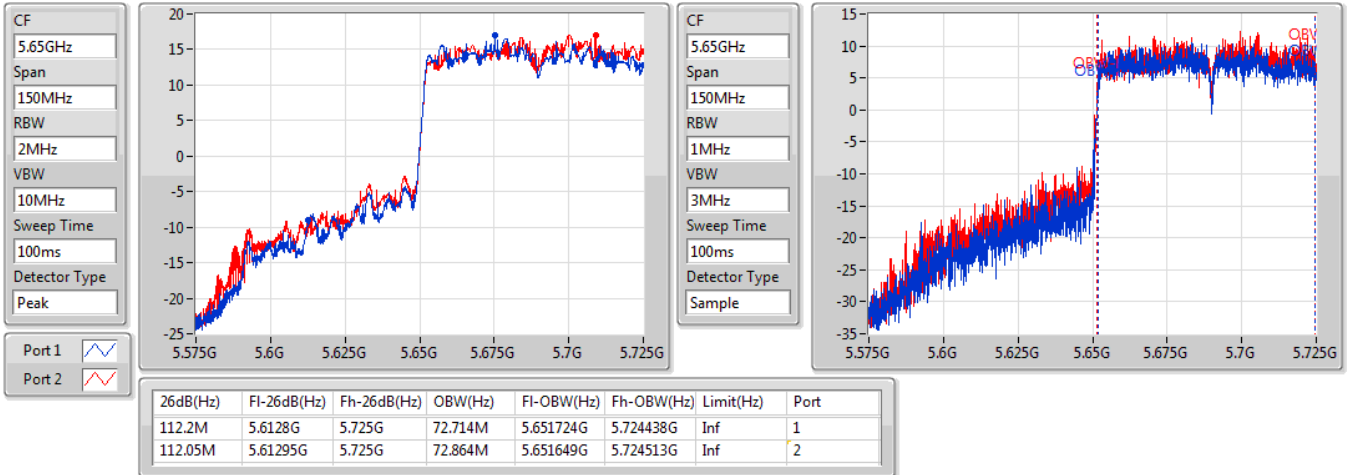


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

27/10/2019

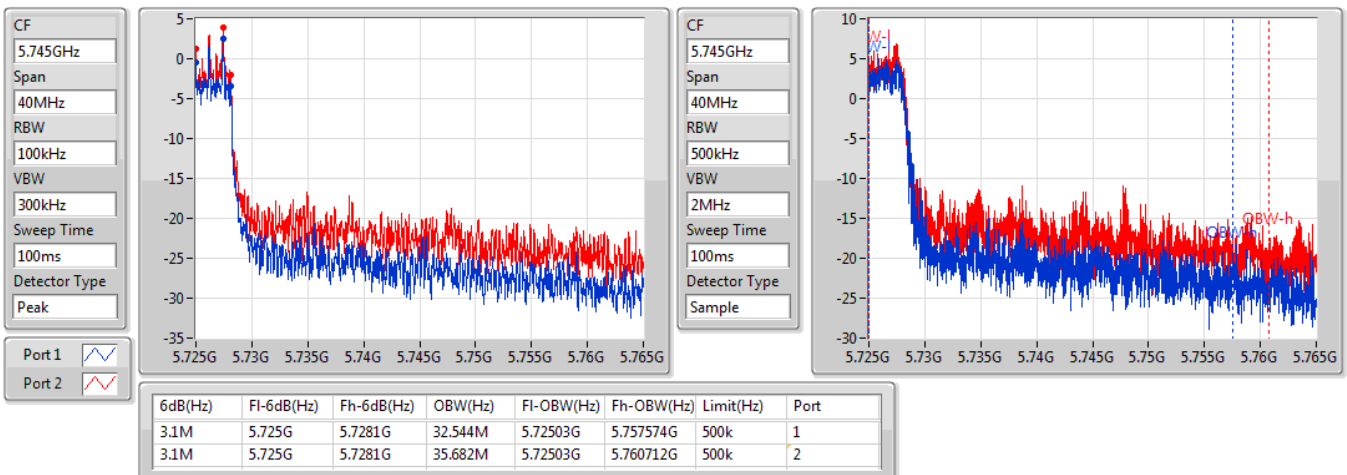


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

27/10/2019

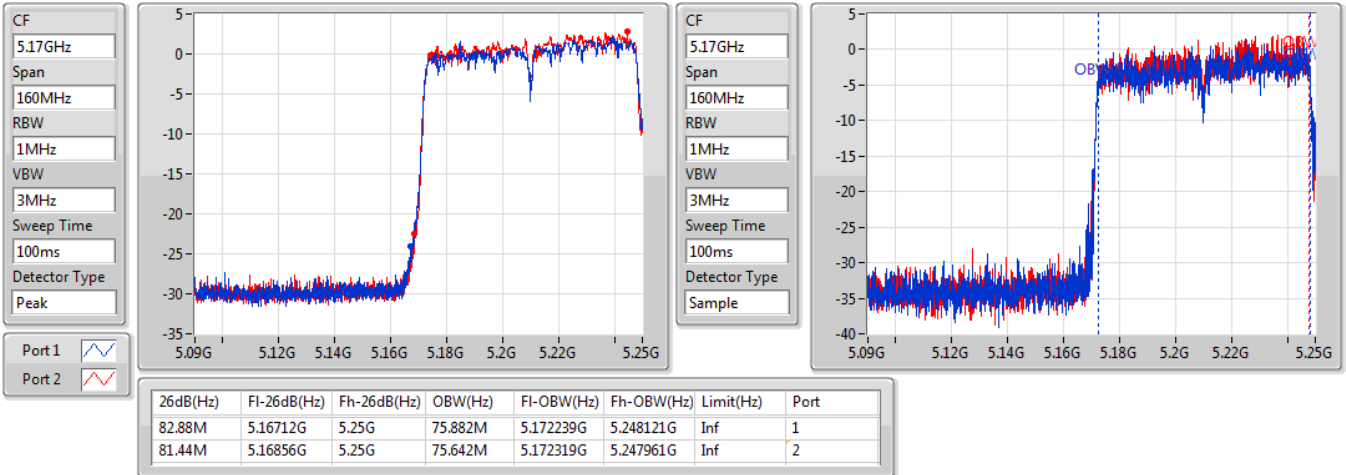


802.11ac VHT160\_Nss2,(MCS0)\_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/10/2019

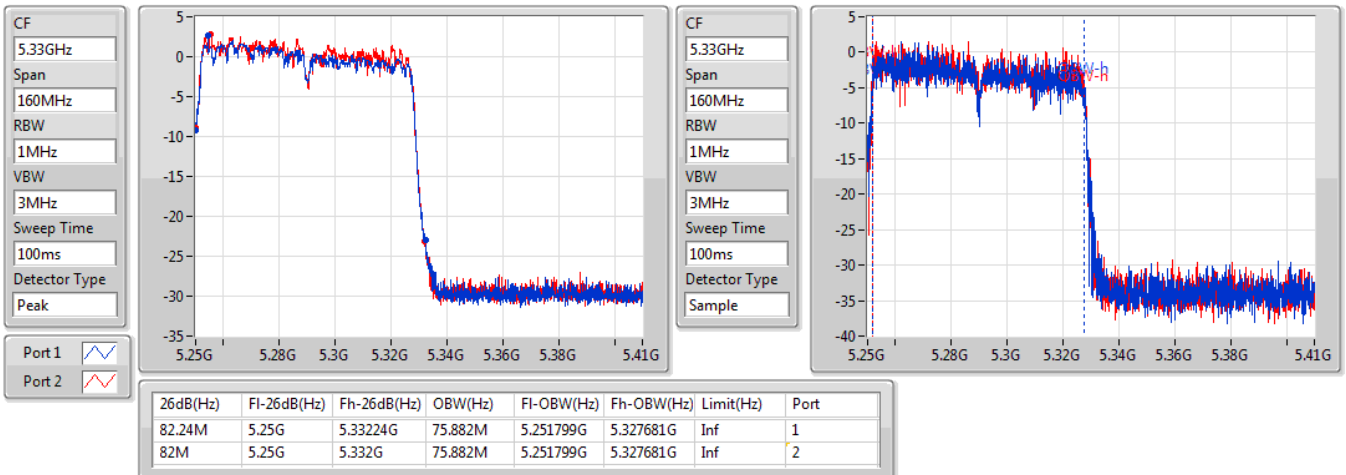


802.11ac VHT160\_Nss2,(MCS0)\_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/10/2019

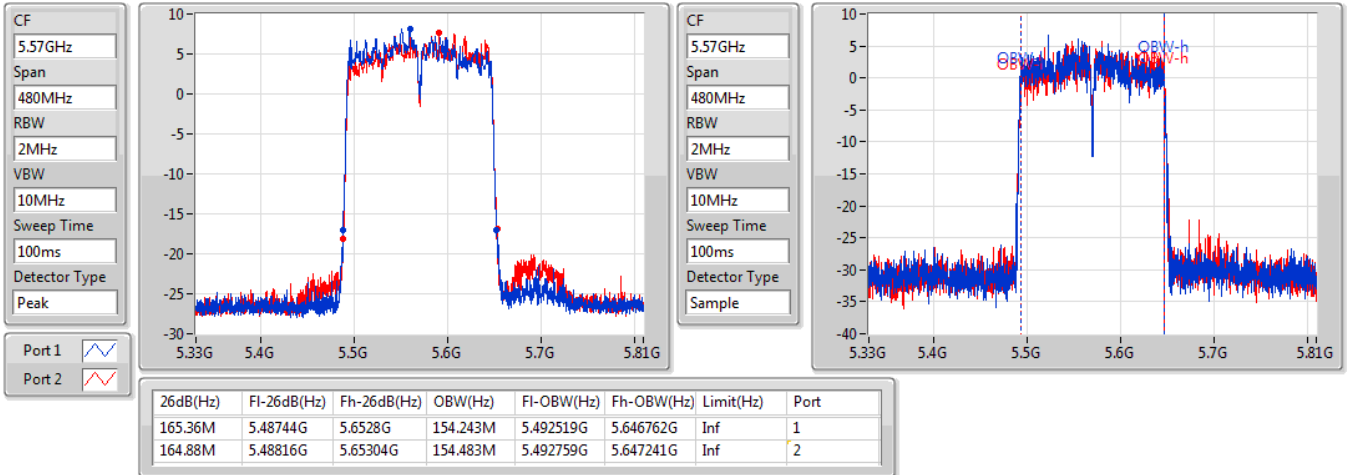


802.11ac VHT160\_Nss2,(MCS0)\_2TX

EBW

5570MHz

27/10/2019

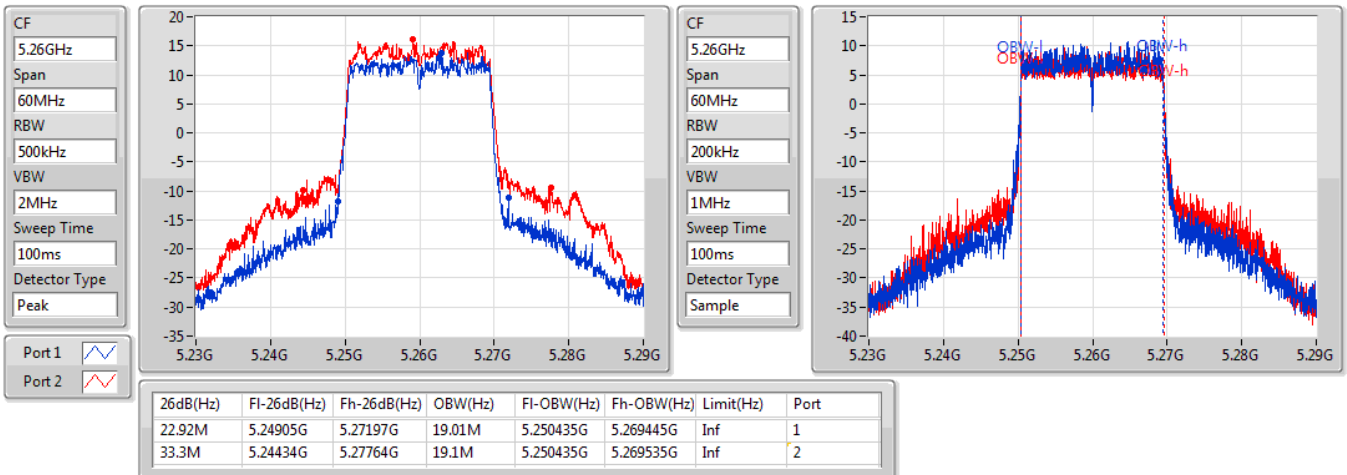


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5260MHz

27/10/2019



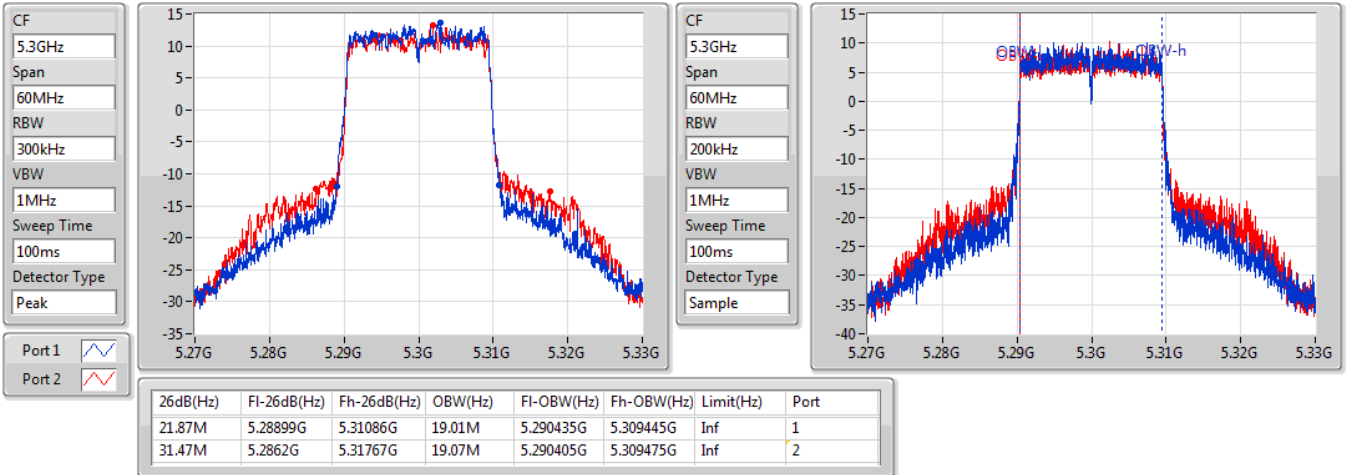


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5300MHz

27/10/2019

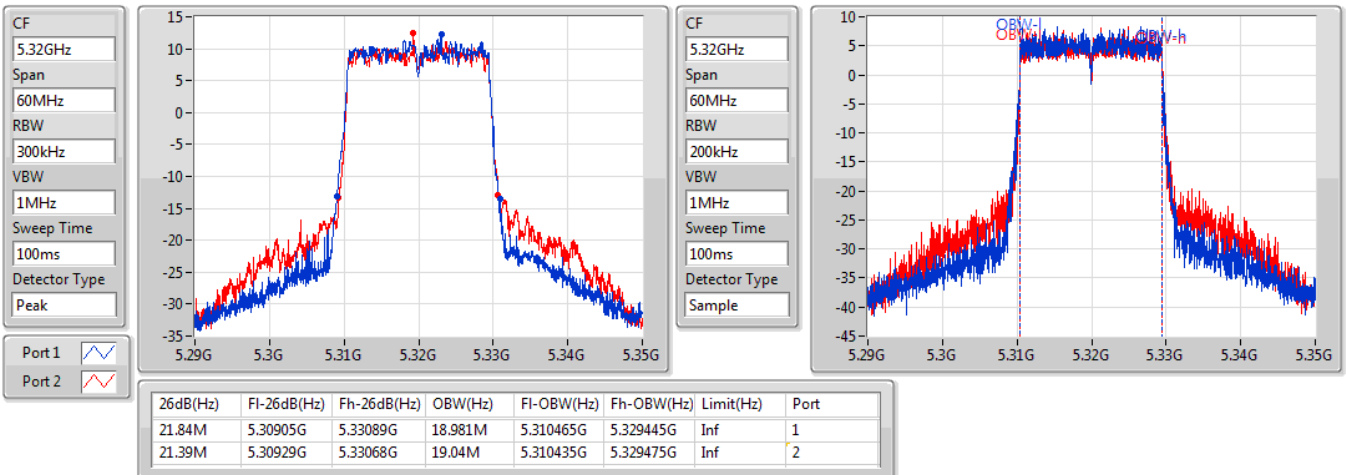


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5320MHz

27/10/2019

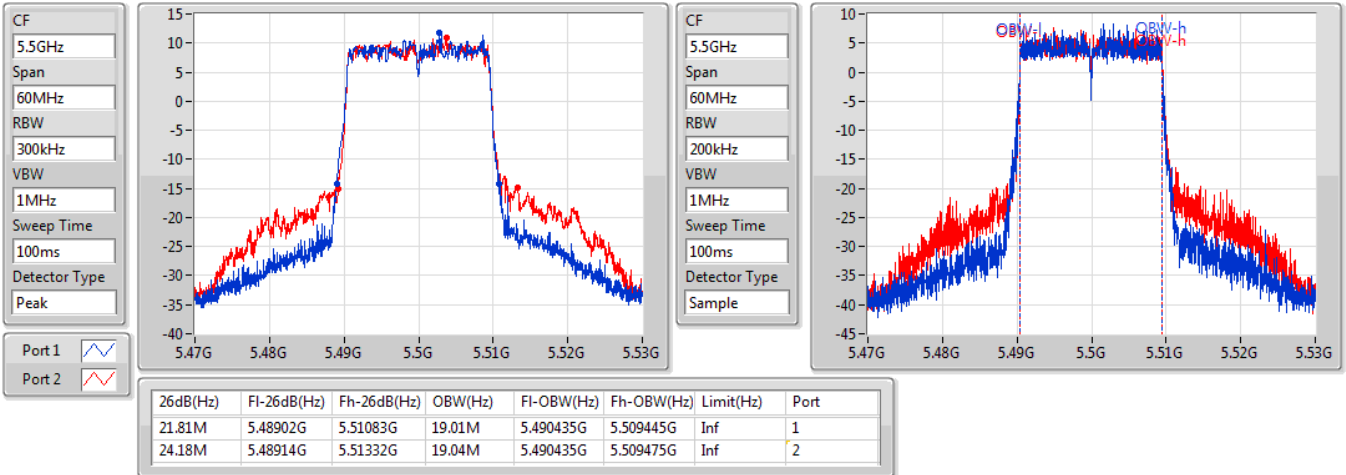


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5500MHz

27/10/2019

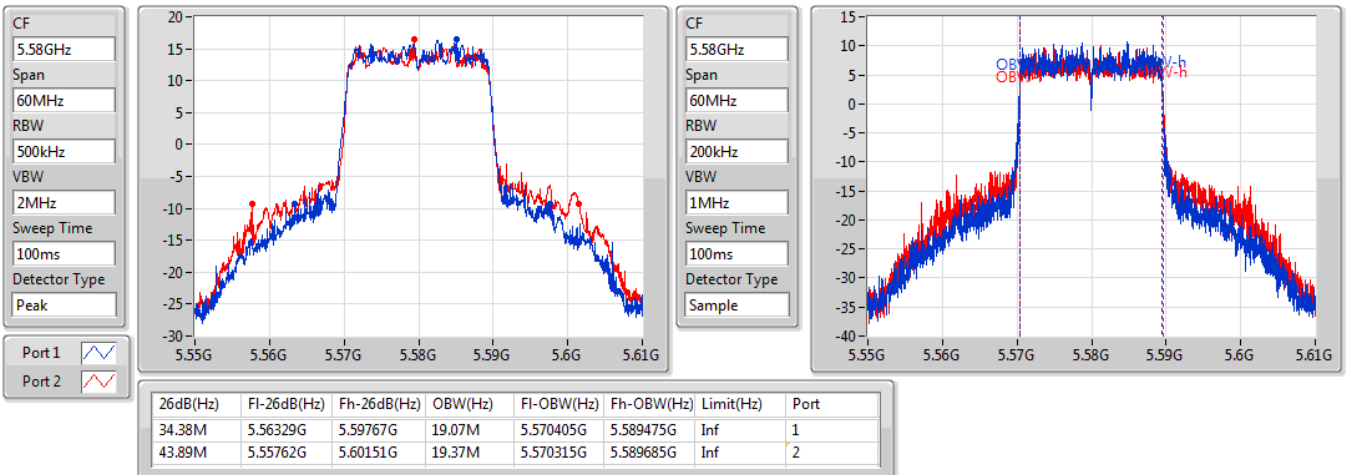


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5580MHz

27/10/2019

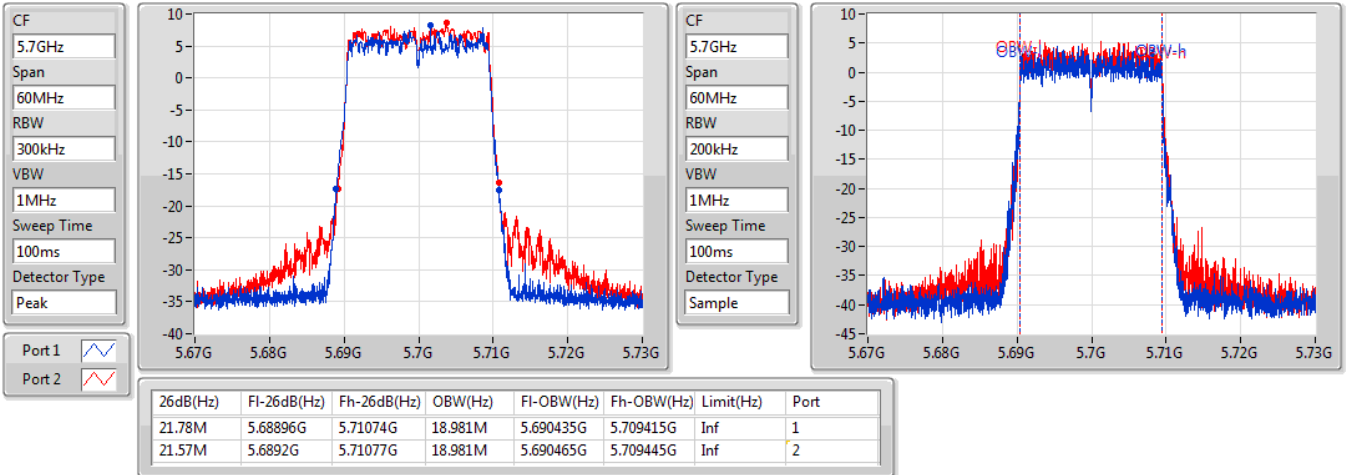


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5700MHz

27/10/2019

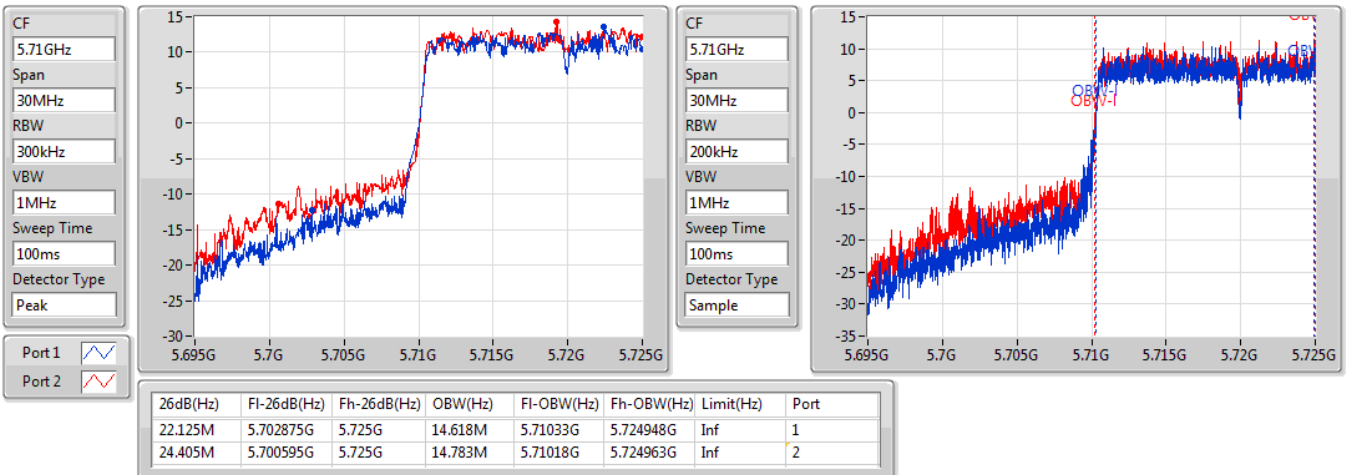


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

27/10/2019

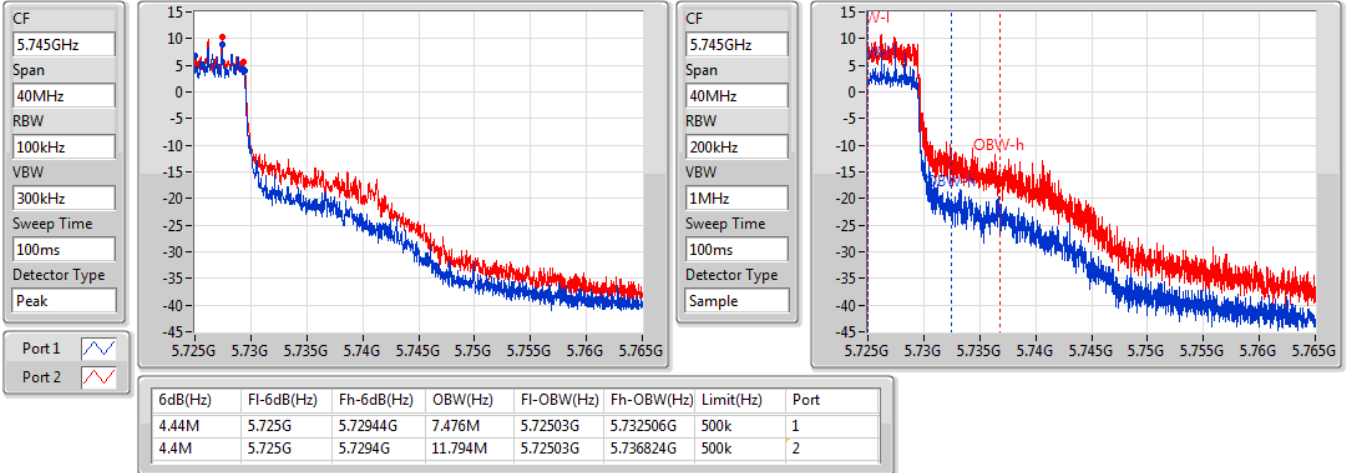


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

27/10/2019

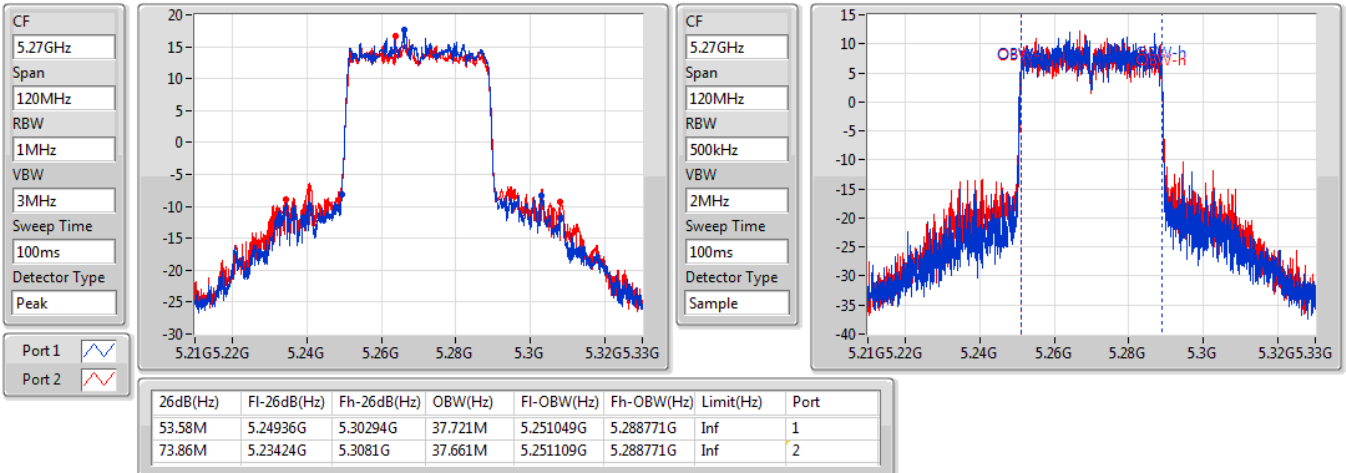


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5270MHz

27/10/2019



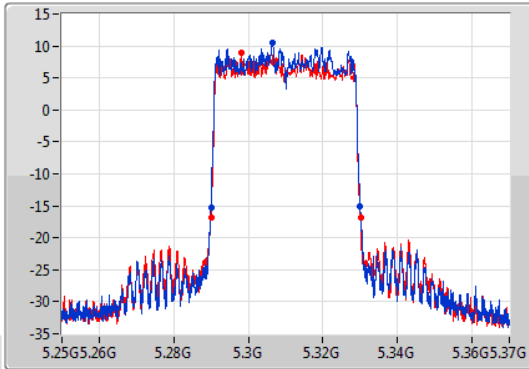
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

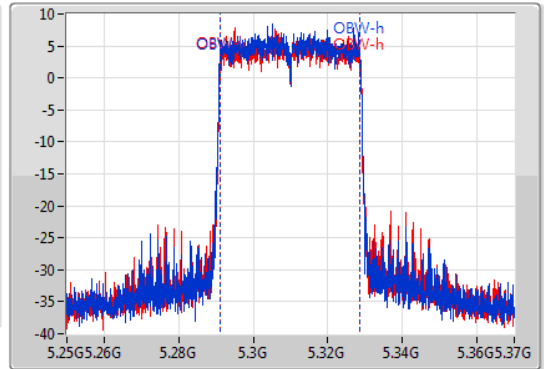
5310MHz

27/10/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.28996G	5.32998G	37.601M	5.291049G	5.328651G	Inf	1
40.08M	5.29002G	5.3301G	37.541M	5.291169G	5.328711G	Inf	2

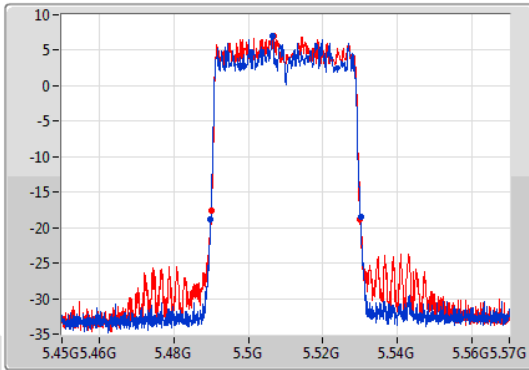
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

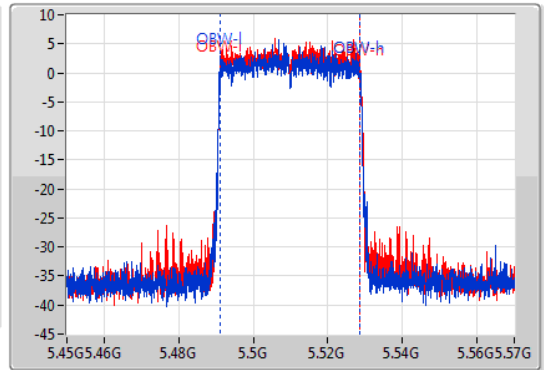
5510MHz

27/10/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



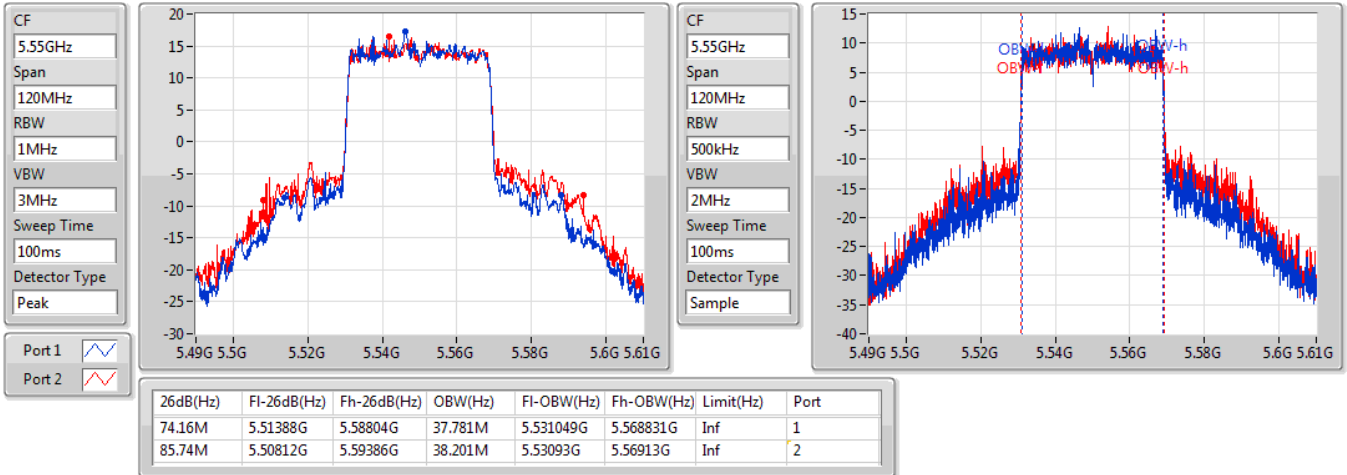
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.4899G	5.5301G	37.661M	5.491049G	5.528711G	Inf	1
39.96M	5.49002G	5.52998G	37.481M	5.491229G	5.528711G	Inf	2

802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5550MHz

27/10/2019

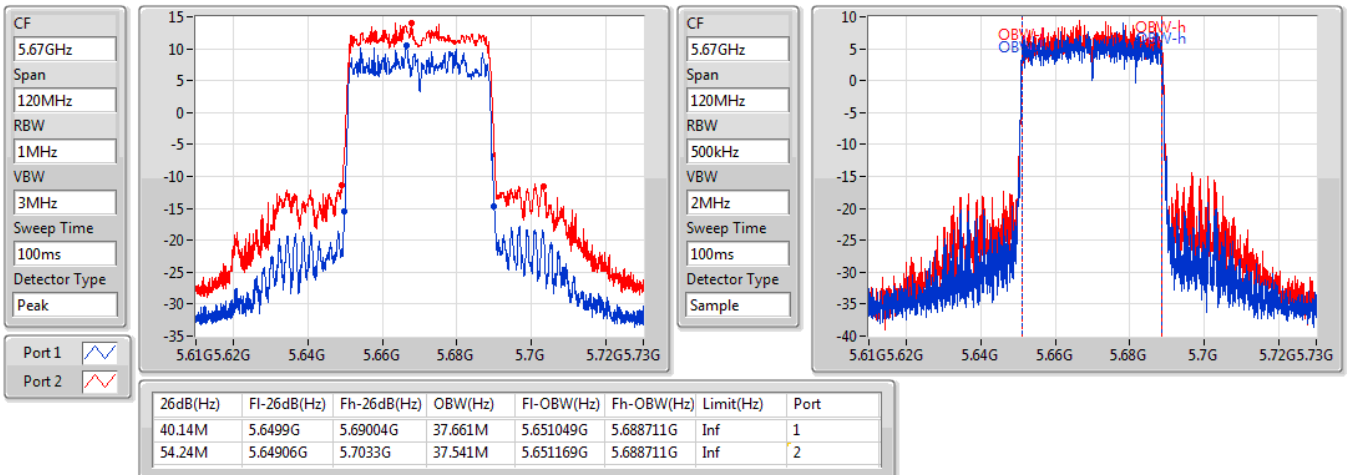


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5670MHz

27/10/2019

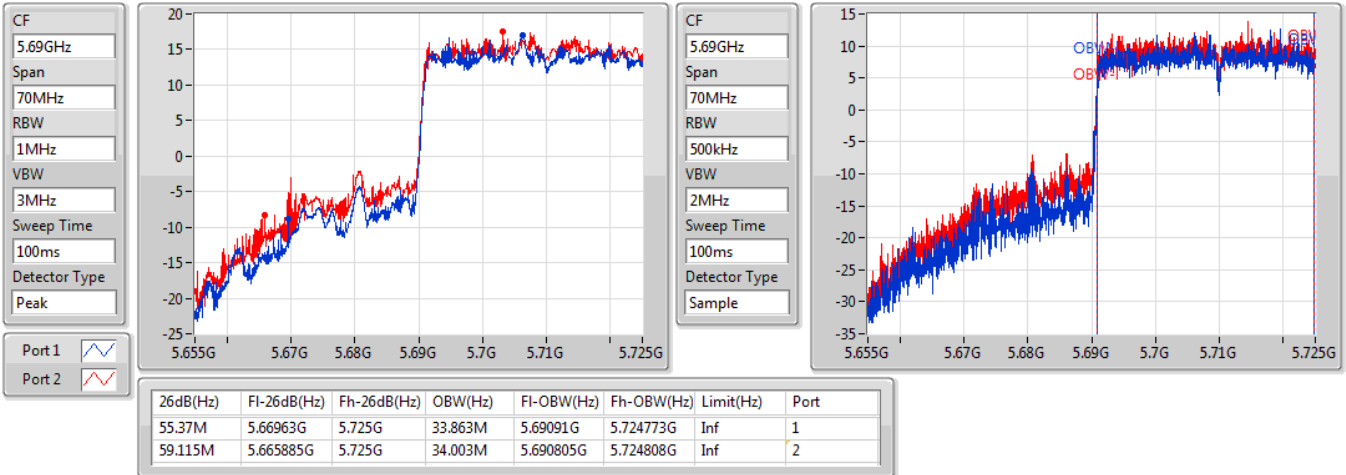


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

27/10/2019

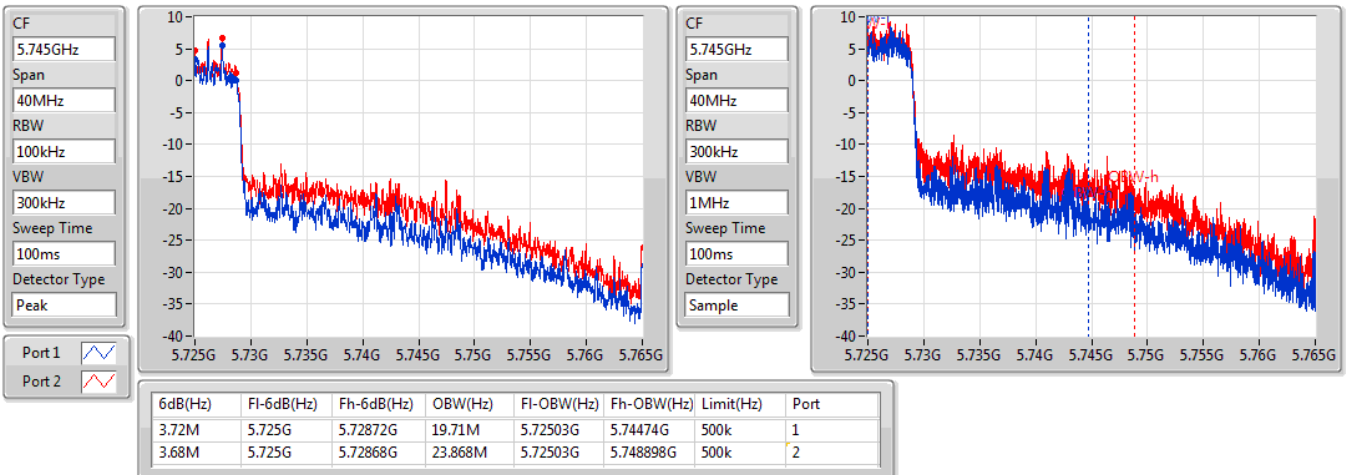


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

27/10/2019

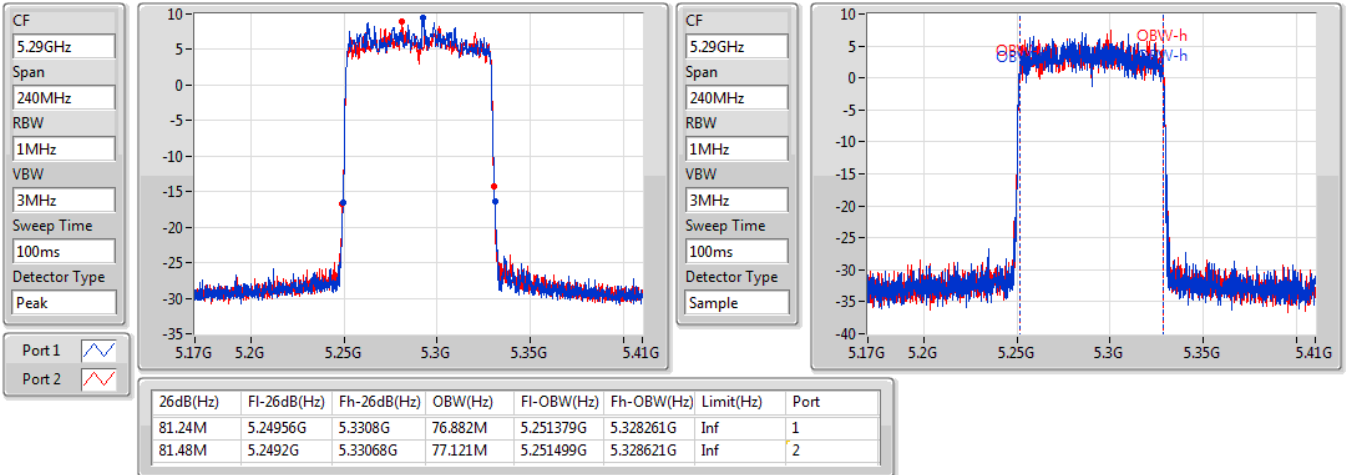


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5290MHz

27/10/2019

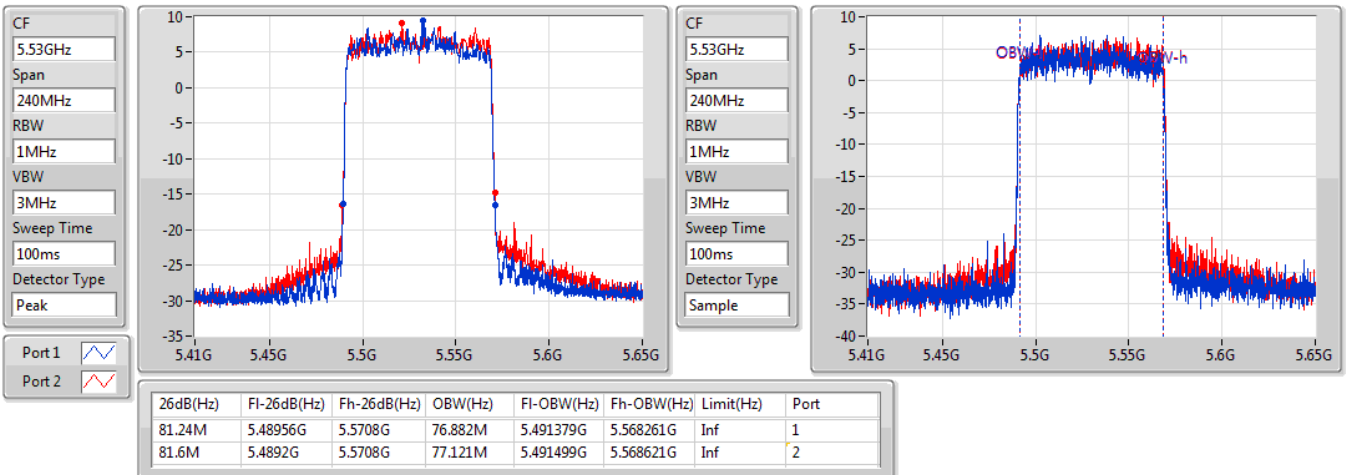


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5530MHz

27/10/2019



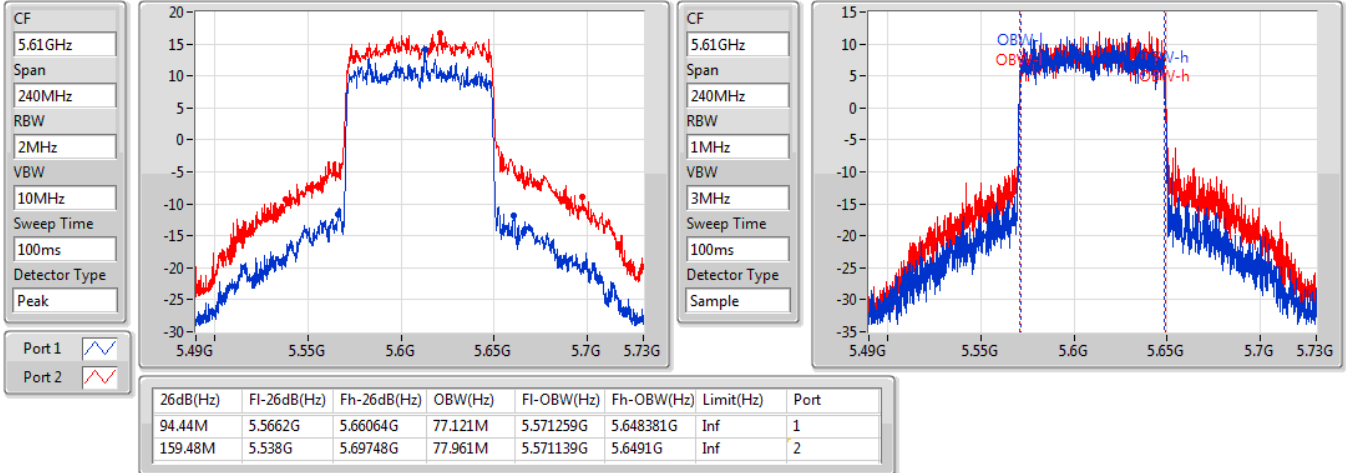


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5610MHz

27/10/2019

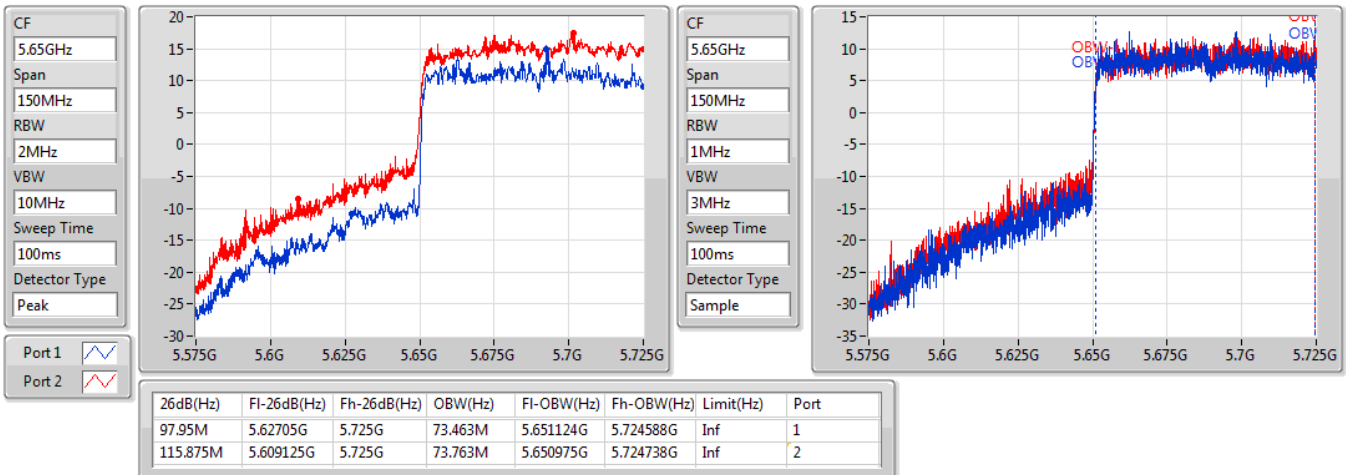


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

27/10/2019

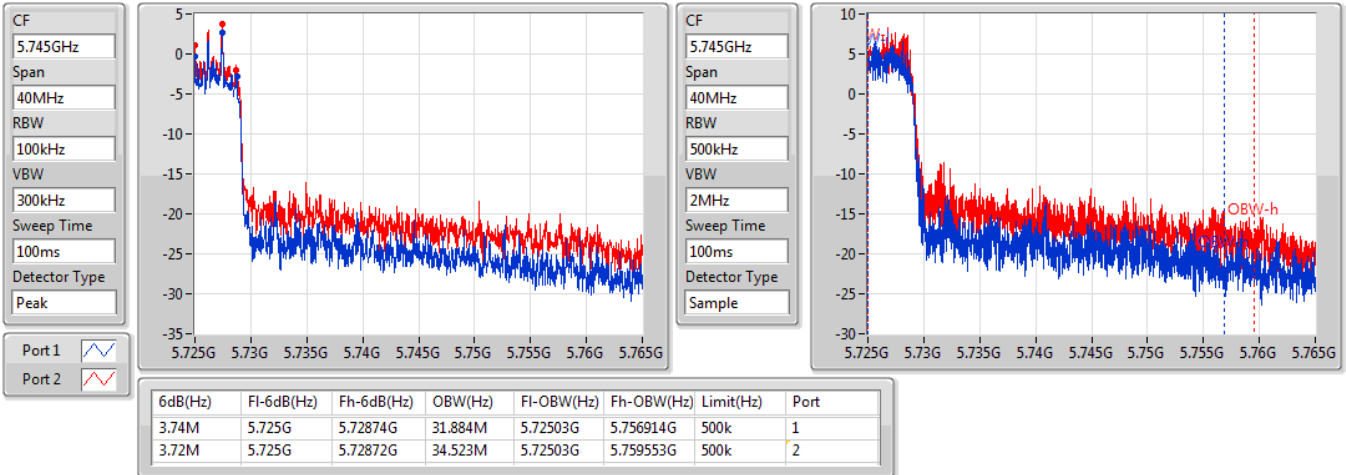


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

27/10/2019

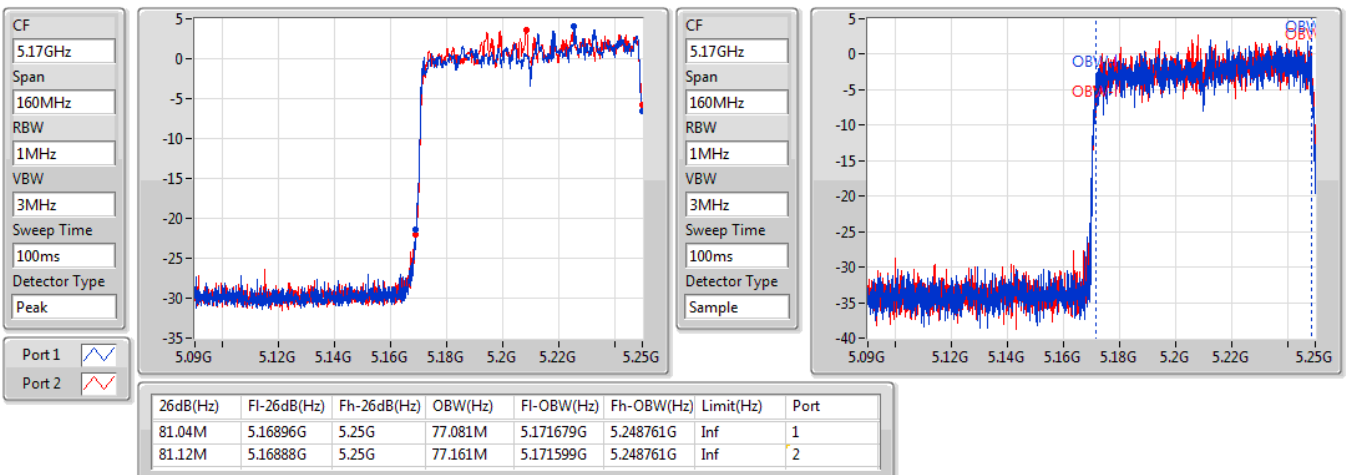


802.11ax HEW160\_Nss2,(MCS0)\_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/10/2019

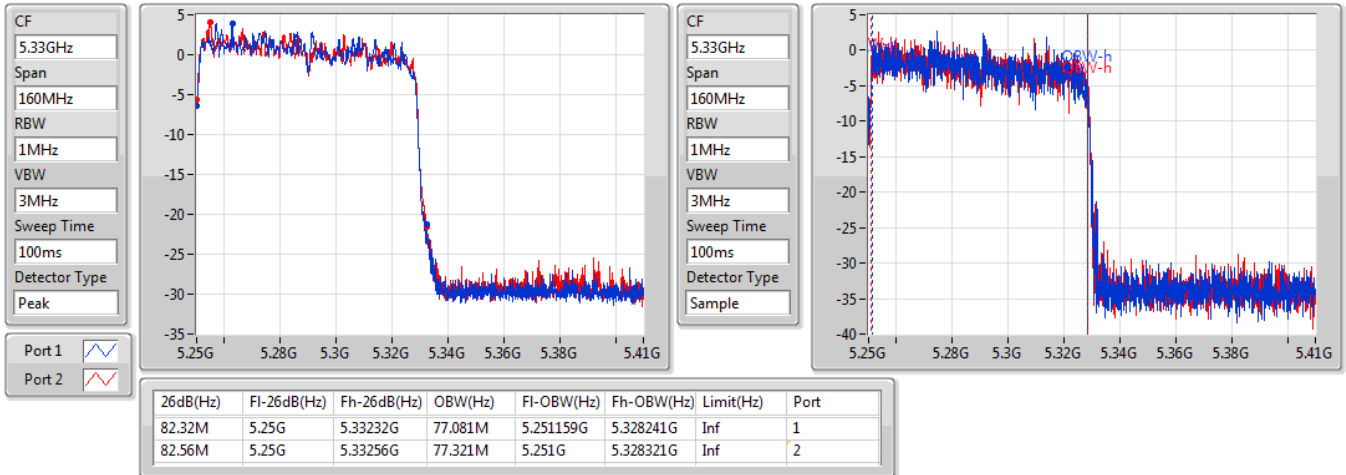


802.11ax HEW160\_Nss2,(MCS0)\_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/10/2019

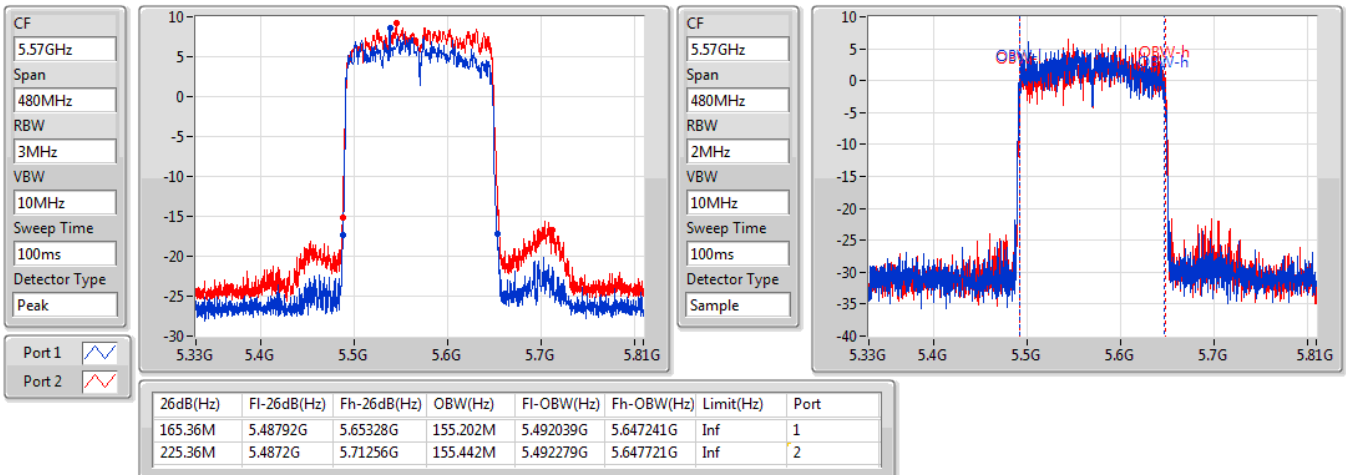


802.11ax HEW160\_Nss2,(MCS0)\_2TX

EBW

5570MHz

27/10/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	82.32M	75.882M	75M9D1D	80.88M	75.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.2M	77.241M	77M2D1D	80.64M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72M	16.612M	16M6D1D	21.36M	16.522M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.93M	17.811M	17M8D1D	21.48M	17.751M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.32M	36.342M	36M3D1D	39.84M	36.222M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	75.922M	75M9D1D	81.6M	75.802M
802.11ac VHT160_Nss1,(MCS0)_4TX	83.76M	75.962M	76M0D1D	81.36M	75.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.72M	19.01M	19M0D1D	21.57M	18.921M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.14M	37.661M	37M7D1D	39.9M	37.421M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.2M	77.241M	77M2D1D	81.72M	76.762M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.56M	77.321M	77M3D1D	81.44M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.75M	16.642M	16M6D1D	15.54M	13.298M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.78M	17.811M	17M8D1D	15.735M	13.928M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.38M	36.342M	36M3D1D	34.93M	32.989M
802.11ac VHT80_Nss1,(MCS0)_4TX	124.8M	75.922M	75M9D1D	75.75M	72.489M
802.11ac VHT160_Nss1,(MCS0)_4TX	282.96M	154.723M	155MD1D	228.48M	154.003M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.81M	19.04M	19M0D1D	15.75M	14.513M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.661M	37M7D1D	34.895M	33.688M
802.11ax HEW80_Nss1,(MCS0)_4TX	142.44M	77.241M	77M2D1D	75.9M	73.163M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.84M	155.682M	156MD1D	165.36M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.22M	4.178M	4M18D1D	3.1M	3.958M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.74M	4.458M	4M46D1D	3.68M	4.278M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.12M	3.658M	3M66D1D	3.08M	3.618M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.08M	13.633M	13M6D1D	3.08M	4.118M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.44M	4.538M	4M54D1D	4.42M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.8M	4.018M	4M02D1D	3.7M	3.998M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.76M	12.574M	12M6D1D	3.2M	4.118M

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

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

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

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.39M	16.552M	21.6M	16.522M	21.63M	16.612M	21.51M	16.522M
5300MHz	Pass	Inf	21.36M	16.582M	21.57M	16.582M	21.72M	16.582M	21.63M	16.582M
5320MHz	Pass	Inf	21.48M	16.522M	21.51M	16.552M	21.57M	16.582M	21.36M	16.612M
5500MHz	Pass	Inf	21.57M	16.612M	21.48M	16.612M	21.75M	16.612M	21.45M	16.582M
5580MHz	Pass	Inf	21.45M	16.612M	21.63M	16.582M	21.57M	16.582M	21.51M	16.582M
5700MHz	Pass	Inf	21.33M	16.582M	21.45M	16.642M	21.51M	16.552M	21.6M	16.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.54M	13.358M	15.78M	13.298M	15.675M	13.343M	15.645M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.098M	3.1M	3.958M	3.18M	4.078M	3.1M	4.178M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.69M	17.781M	21.54M	17.781M	21.51M	17.811M	21.69M	17.781M
5300MHz	Pass	Inf	21.93M	17.751M	21.48M	17.811M	21.51M	17.781M	21.75M	17.751M
5320MHz	Pass	Inf	21.87M	17.811M	21.63M	17.751M	21.48M	17.781M	21.66M	17.751M
5500MHz	Pass	Inf	21.69M	17.751M	21.6M	17.781M	21.45M	17.751M	21.75M	17.751M
5580MHz	Pass	Inf	21.69M	17.721M	21.66M	17.751M	21.54M	17.811M	21.78M	17.751M
5700MHz	Pass	Inf	21.69M	17.781M	21.54M	17.781M	21.51M	17.751M	21.66M	17.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	13.958M	15.795M	13.928M	15.735M	13.943M	15.825M	13.958M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.458M	3.68M	4.358M	3.72M	4.278M	3.74M	4.298M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.32M	36.282M	39.96M	36.282M	39.96M	36.342M	39.96M	36.222M
5310MHz	Pass	Inf	40.26M	36.222M	39.84M	36.282M	39.96M	36.222M	39.9M	36.222M
5510MHz	Pass	Inf	40.26M	36.282M	39.84M	36.222M	39.78M	36.222M	39.9M	36.282M
5550MHz	Pass	Inf	40.38M	36.222M	39.78M	36.342M	39.9M	36.162M	39.96M	36.342M
5670MHz	Pass	Inf	40.26M	36.282M	39.72M	36.282M	39.96M	36.222M	39.84M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.245M	33.058M	34.93M	33.023M	35M	33.023M	34.93M	32.989M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.658M	3.12M	3.638M	3.1M	3.638M	3.08M	3.618M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	75.802M	81.72M	75.922M	81.6M	75.802M	81.96M	75.802M
5530MHz	Pass	Inf	82.08M	75.922M	81.6M	75.922M	81.72M	75.922M	81.84M	75.802M
5610MHz	Pass	Inf	83.28M	75.802M	124.8M	75.802M	81.48M	75.922M	81.72M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.65M	72.489M	75.75M	72.564M	75.9M	72.564M	76.125M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	9.755M	3.08M	13.633M	3.08M	4.118M	3.08M	4.178M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.92M	75.882M	82.08M	75.882M	82.32M	75.882M	80.88M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.16M	75.802M	83.76M	75.962M	81.36M	75.802M	81.52M	75.642M
5570MHz	Pass	Inf	263.76M	154.003M	282.96M	154.243M	229.92M	154.243M	228.48M	154.723M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.72M	18.951M	21.57M	18.951M	21.69M	18.951M	21.69M	18.921M
5300MHz	Pass	Inf	21.66M	19.01M	21.69M	18.981M	21.66M	18.951M	21.72M	18.981M
5320MHz	Pass	Inf	21.66M	18.981M	21.6M	18.981M	21.69M	18.981M	21.57M	18.981M
5500MHz	Pass	Inf	21.69M	18.951M	21.57M	18.981M	21.72M	18.951M	21.72M	18.981M
5580MHz	Pass	Inf	21.6M	18.951M	21.36M	18.951M	21.72M	19.01M	21.33M	18.951M
5700MHz	Pass	Inf	21.63M	18.951M	21.54M	19.04M	21.81M	18.981M	21.72M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	14.528M	15.96M	14.543M	15.765M	14.513M	15.75M	14.513M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.498M	4.44M	4.498M	4.42M	4.518M	4.42M	4.538M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.541M	39.9M	37.481M	39.96M	37.541M	40.02M	37.601M
5310MHz	Pass	Inf	40.08M	37.421M	39.9M	37.541M	40.14M	37.661M	40.14M	37.541M
5510MHz	Pass	Inf	40.08M	37.601M	39.78M	37.481M	39.84M	37.601M	40.14M	37.541M
5550MHz	Pass	Inf	40.02M	37.481M	39.84M	37.601M	40.14M	37.481M	40.08M	37.601M
5670MHz	Pass	Inf	40.02M	37.661M	39.84M	37.601M	40.08M	37.601M	40.2M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	33.688M	34.895M	33.688M	35.14M	33.688M	35.14M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	4.018M	3.8M	3.998M	3.74M	4.018M	3.78M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	77.001M	82.08M	77.121M	82.08M	76.762M	81.72M	77.241M
5530MHz	Pass	Inf	82.08M	77.241M	82.32M	77.121M	82.08M	77.241M	81.72M	77.241M
5610MHz	Pass	Inf	82.2M	77.121M	142.44M	77.241M	81.96M	77.241M	81.6M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	73.388M	75.9M	73.238M	76.125M	73.388M	75.975M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	8.536M	3.46M	12.574M	3.68M	4.158M	3.2M	4.118M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.161M	80.88M	77.241M	81.2M	77.241M	80.88M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	77.081M	81.6M	77.321M	81.44M	77.241M	81.52M	77.161M
5570MHz	Pass	Inf	165.36M	155.442M	165.36M	155.442M	165.36M	155.682M	165.84M	154.963M

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

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

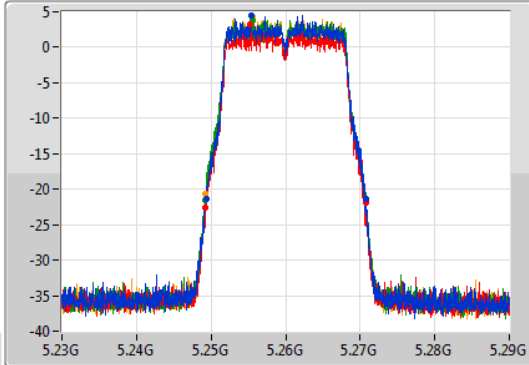
802.11a\_Nss1,(6Mbps)\_4TX

EBW

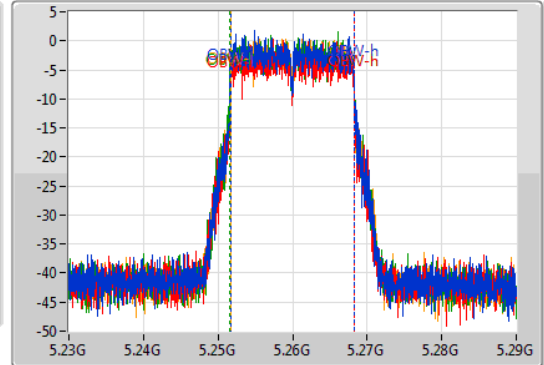
5260MHz

28/10/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.24932G	5.27071G	16.552M	5.251664G	5.268216G	Inf	1
21.6M	5.24917G	5.27077G	16.522M	5.251694G	5.268216G	Inf	2
21.63M	5.2492G	5.27083G	16.612M	5.251634G	5.268246G	Inf	3
21.51M	5.24926G	5.27077G	16.522M	5.251694G	5.268216G	Inf	4

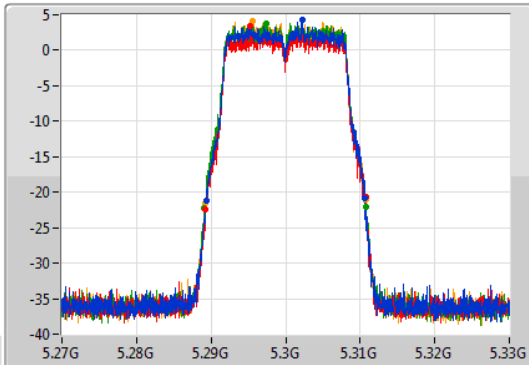
802.11a\_Nss1,(6Mbps)\_4TX

EBW

5300MHz

28/10/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.28932G	5.31068G	16.582M	5.291634G	5.308216G	Inf	1
21.57M	5.28917G	5.31074G	16.582M	5.291664G	5.308246G	Inf	2
21.72M	5.28905G	5.31077G	16.582M	5.291634G	5.308216G	Inf	3
21.63M	5.28917G	5.3108G	16.582M	5.291634G	5.308216G	Inf	4

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5320MHz

28/10/2019

CF  
5.32GHz

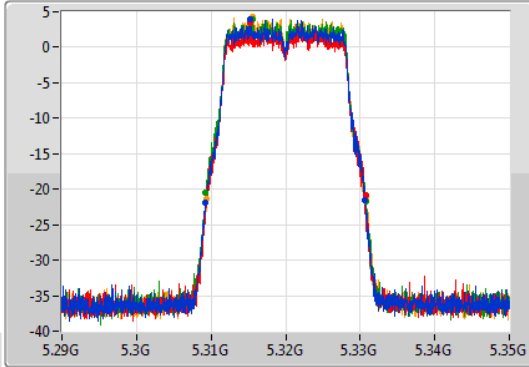
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.32GHz

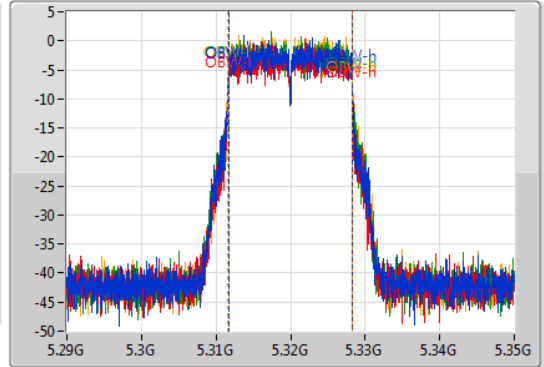
Span  
60MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.3092G	5.33068G	16.522M	5.311694G	5.328216G	Inf	1
21.51M	5.30926G	5.33077G	16.552M	5.311664G	5.328216G	Inf	2
21.57M	5.3092G	5.33077G	16.582M	5.311664G	5.328246G	Inf	3
21.36M	5.30938G	5.33074G	16.612M	5.311634G	5.328246G	Inf	4

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5500MHz

28/10/2019

CF  
5.5GHz

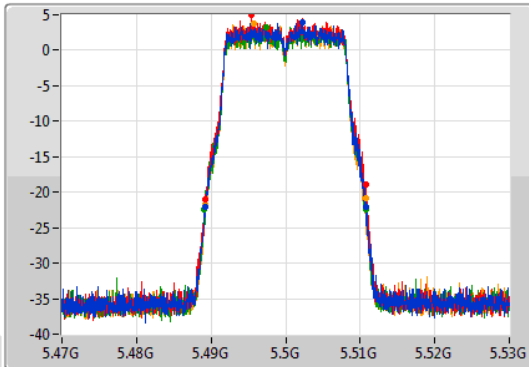
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.5GHz

Span  
60MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.48926G	5.51083G	16.612M	5.491634G	5.508246G	Inf	1
21.48M	5.48923G	5.51071G	16.612M	5.491634G	5.508246G	Inf	2
21.75M	5.48902G	5.51077G	16.612M	5.491664G	5.508276G	Inf	3
21.45M	5.48929G	5.51074G	16.582M	5.491634G	5.508216G	Inf	4



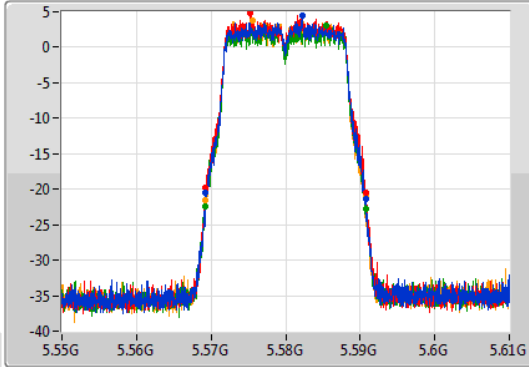
802.11a\_Nss1,(6Mbps)\_4TX

EBW

5580MHz

28/10/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.56926G	5.59071G	16.612M	5.571634G	5.588246G	Inf	1
21.63M	5.5692G	5.59083G	16.582M	5.571664G	5.588246G	Inf	2
21.57M	5.5692G	5.59077G	16.582M	5.571664G	5.588246G	Inf	3
21.51M	5.56923G	5.59074G	16.582M	5.571634G	5.588216G	Inf	4

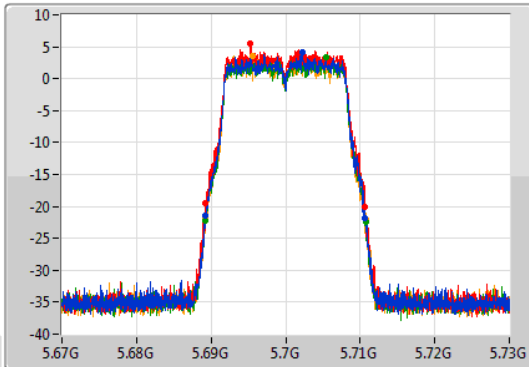
802.11a\_Nss1,(6Mbps)\_4TX

EBW

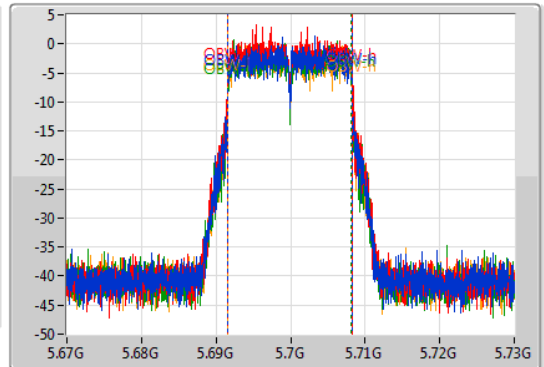
5700MHz

28/10/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

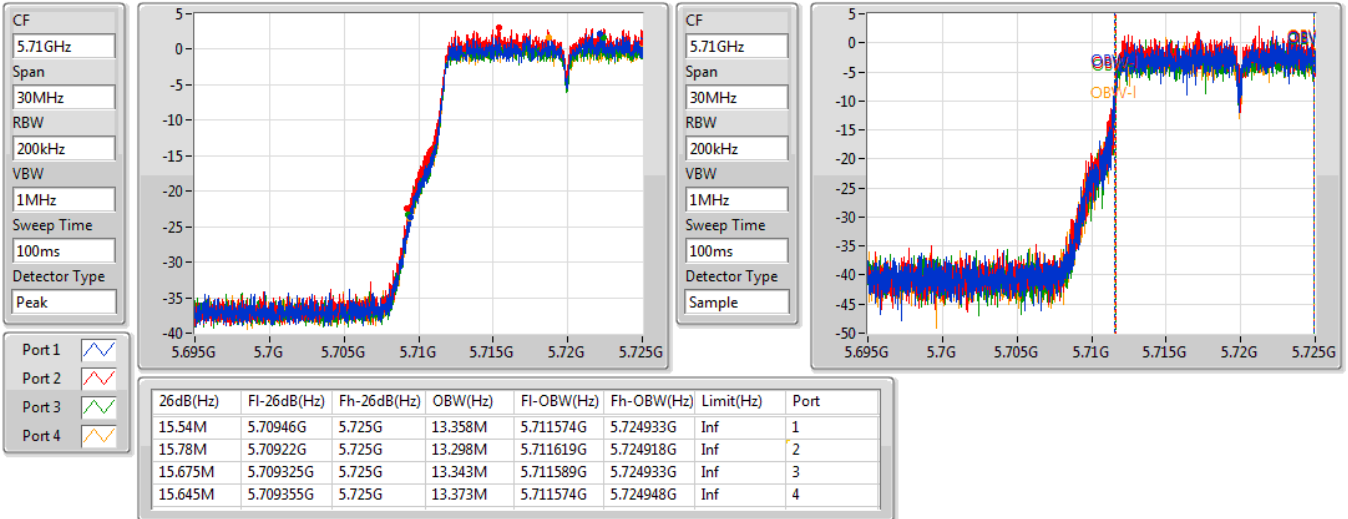
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.68929G	5.71062G	16.582M	5.691634G	5.708216G	Inf	1
21.45M	5.6892G	5.71065G	16.642M	5.691604G	5.708246G	Inf	2
21.51M	5.6892G	5.71071G	16.552M	5.691634G	5.708186G	Inf	3
21.6M	5.68923G	5.71083G	16.612M	5.691604G	5.708216G	Inf	4

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

28/10/2019

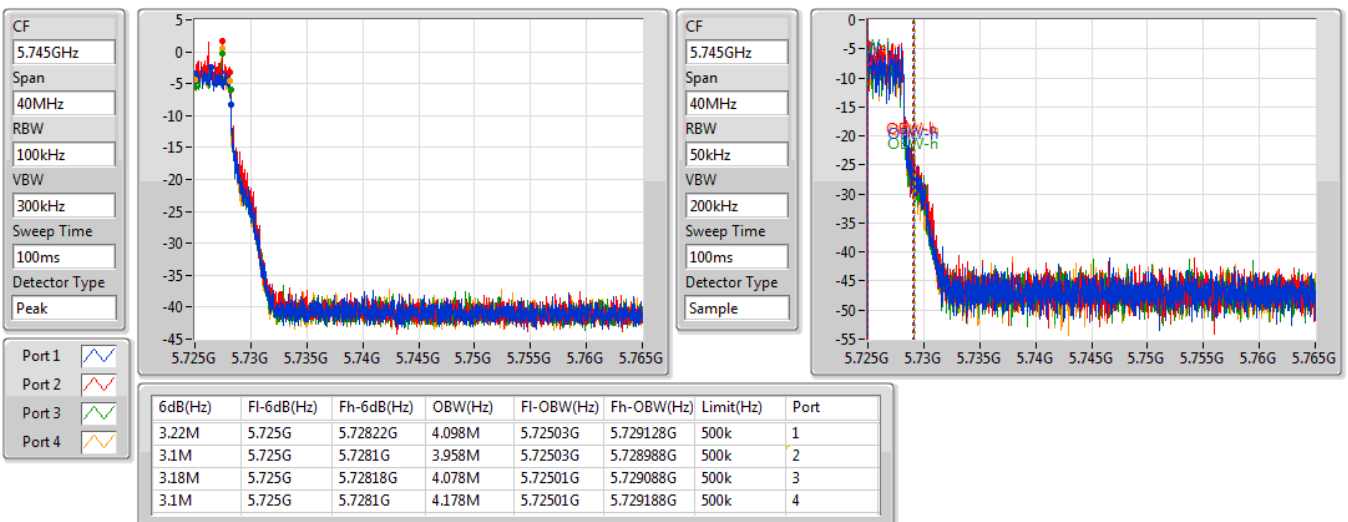


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/10/2019



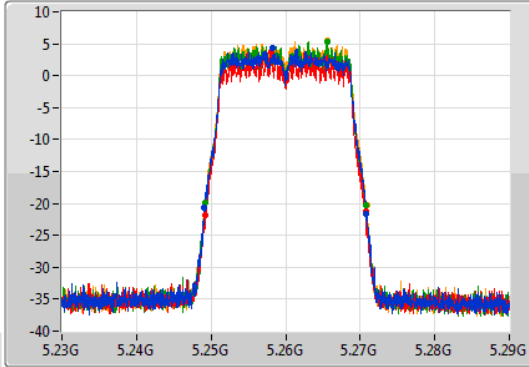
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

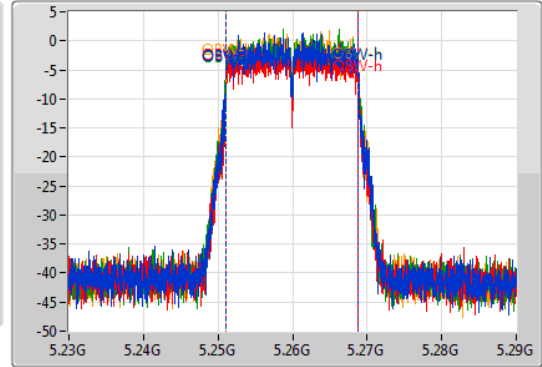
5260MHz

30/10/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.24911G	5.2708G	17.781M	5.251064G	5.268846G	Inf	1
21.54M	5.24923G	5.27077G	17.781M	5.251064G	5.268846G	Inf	2
21.51M	5.2492G	5.27071G	17.811M	5.251034G	5.268846G	Inf	3
21.69M	5.2492G	5.27089G	17.781M	5.251064G	5.268846G	Inf	4

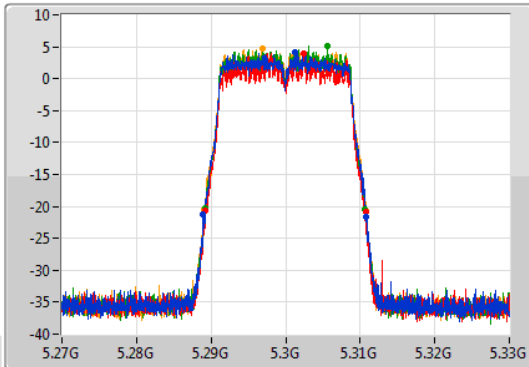
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

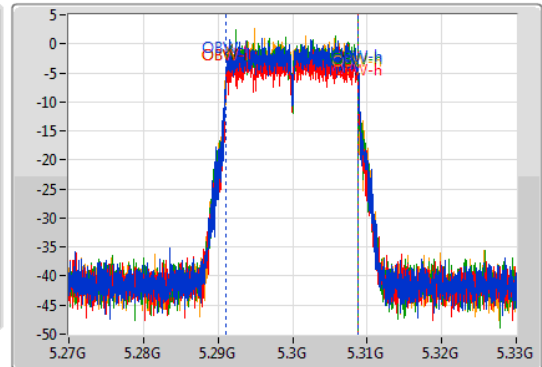
5300MHz

30/10/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.2889G	5.31083G	17.751M	5.291094G	5.308846G	Inf	1
21.48M	5.28923G	5.31071G	17.811M	5.291034G	5.308846G	Inf	2
21.51M	5.28914G	5.31065G	17.781M	5.291034G	5.308816G	Inf	3
21.75M	5.28905G	5.3108G	17.751M	5.291064G	5.308816G	Inf	4

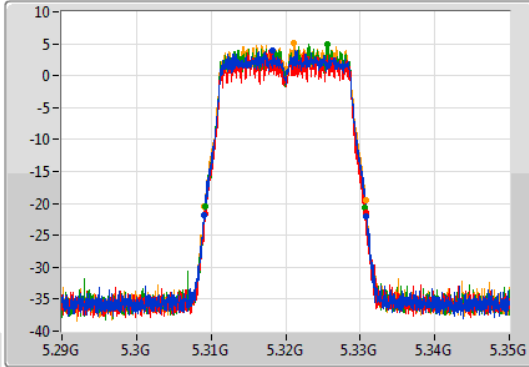
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

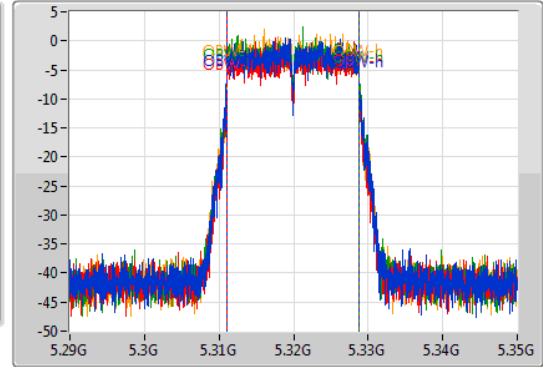
5320MHz

30/10/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.30899G	5.33086G	17.811M	5.311034G	5.328846G	Inf	1
21.63M	5.30914G	5.33077G	17.751M	5.311064G	5.328816G	Inf	2
21.48M	5.3092G	5.33068G	17.781M	5.311064G	5.328846G	Inf	3
21.66M	5.30911G	5.33077G	17.751M	5.311064G	5.328816G	Inf	4

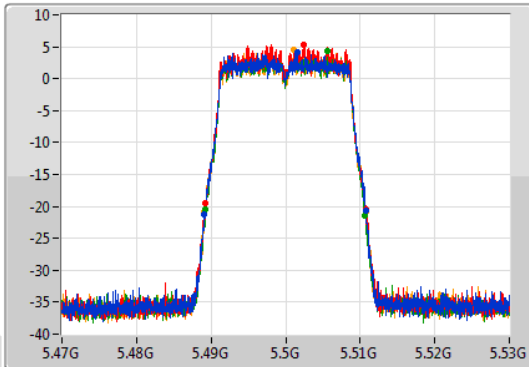
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

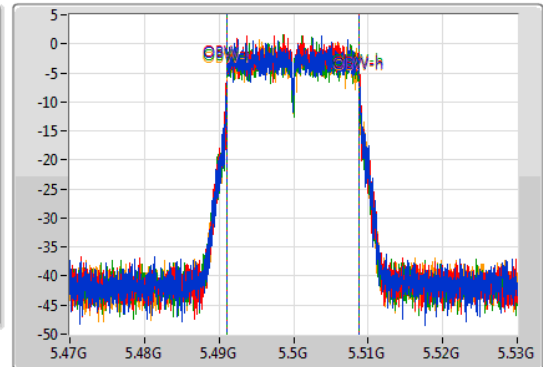
5500MHz

30/10/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.48911G	5.5108G	17.751M	5.491094G	5.508846G	Inf	1
21.6M	5.48923G	5.51083G	17.781M	5.491064G	5.508846G	Inf	2
21.45M	5.48923G	5.51068G	17.751M	5.491064G	5.508816G	Inf	3
21.75M	5.48908G	5.51083G	17.751M	5.491064G	5.508816G	Inf	4

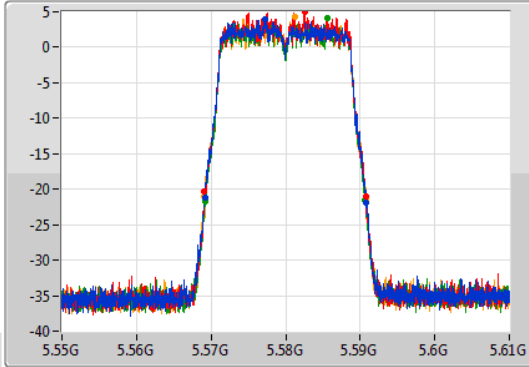
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

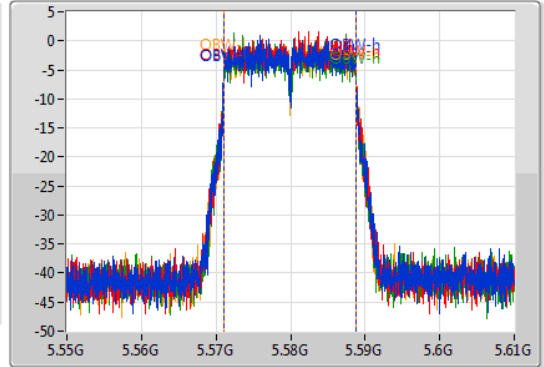
5580MHz

30/10/2019

CF  
5.58GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.56914G	5.59083G	17.721M	5.571064G	5.588786G	Inf	1
21.66M	5.56908G	5.59074G	17.751M	5.571064G	5.588816G	Inf	2
21.54M	5.56914G	5.59068G	17.811M	5.571034G	5.588846G	Inf	3
21.78M	5.56908G	5.59086G	17.751M	5.571064G	5.588816G	Inf	4

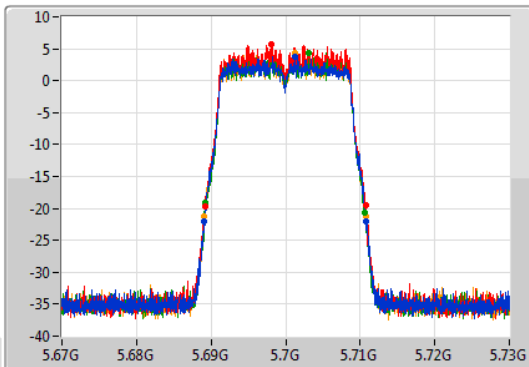
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

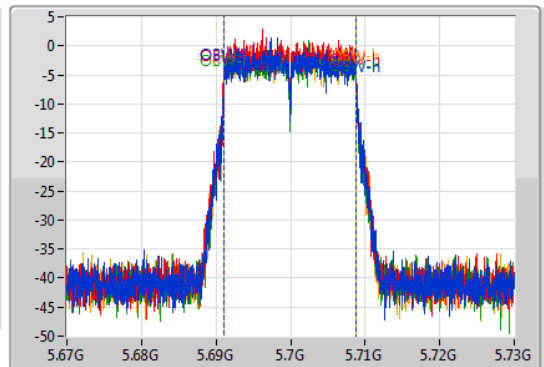
5700MHz

30/10/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

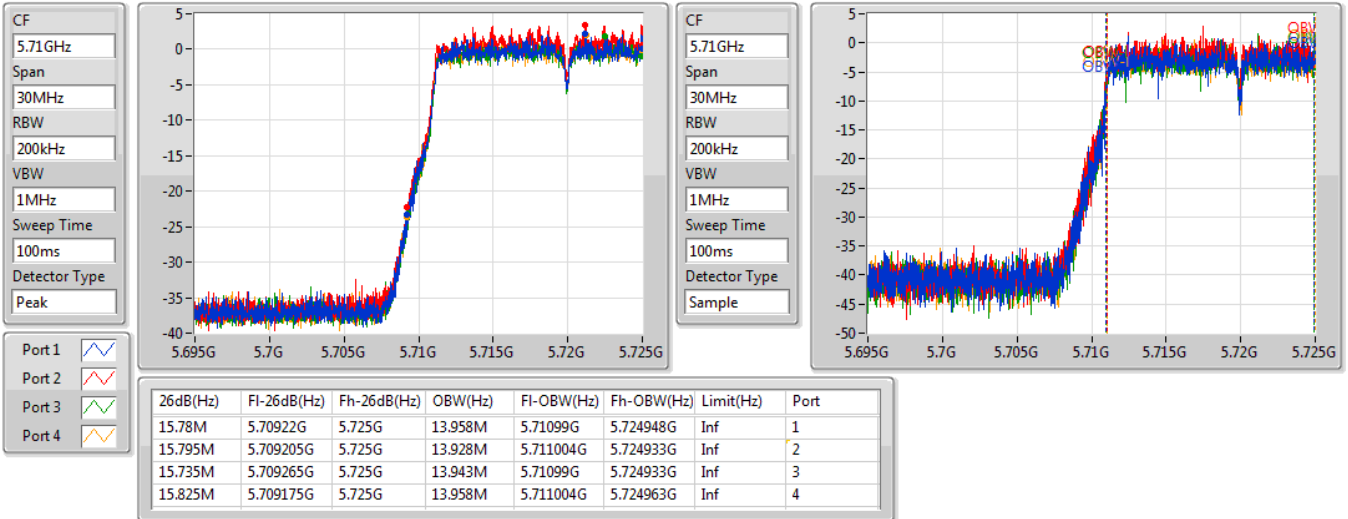
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.68908G	5.71077G	17.781M	5.691064G	5.708846G	Inf	1
21.54M	5.68923G	5.71077G	17.781M	5.691064G	5.708846G	Inf	2
21.51M	5.68914G	5.71065G	17.751M	5.691064G	5.708816G	Inf	3
21.66M	5.68911G	5.71077G	17.751M	5.691034G	5.708786G	Inf	4

802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

28/10/2019

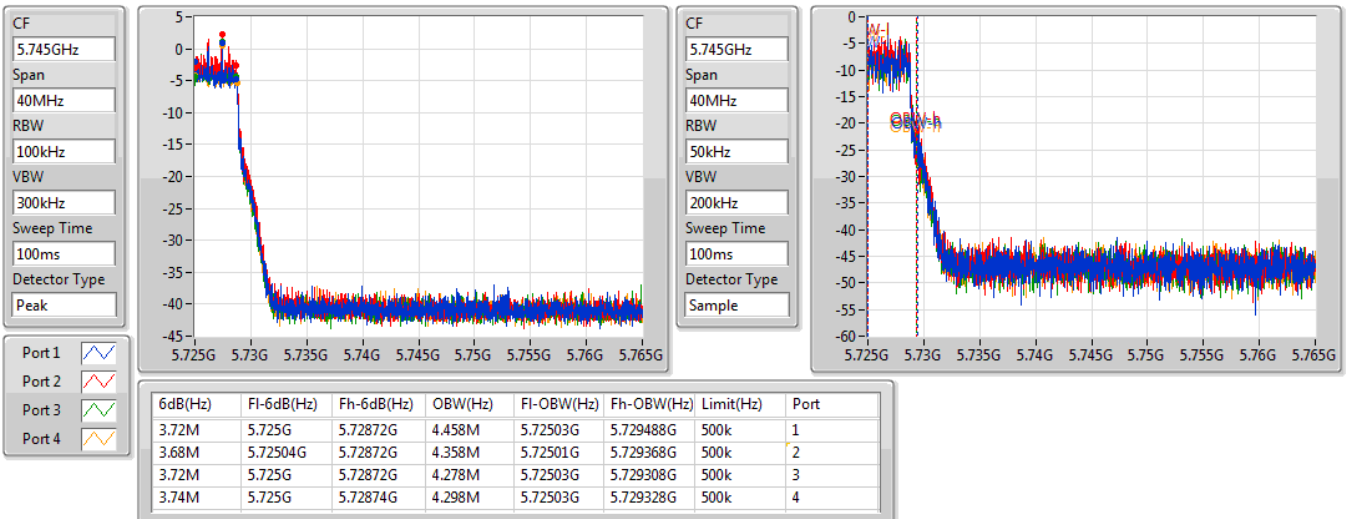


802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/10/2019



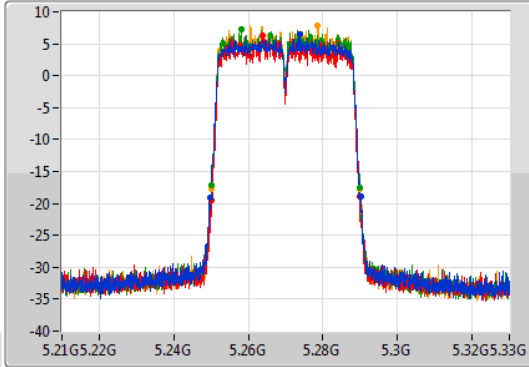
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

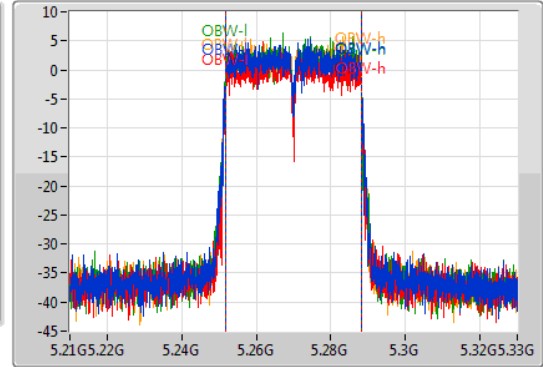
5270MHz

30/10/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.27GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.24978G	5.2901G	36.282M	5.251769G	5.288051G	Inf	1
39.96M	5.25002G	5.28998G	36.282M	5.251829G	5.288111G	Inf	2
39.96M	5.25002G	5.28998G	36.342M	5.251709G	5.288051G	Inf	3
39.96M	5.25008G	5.29004G	36.222M	5.251829G	5.288051G	Inf	4

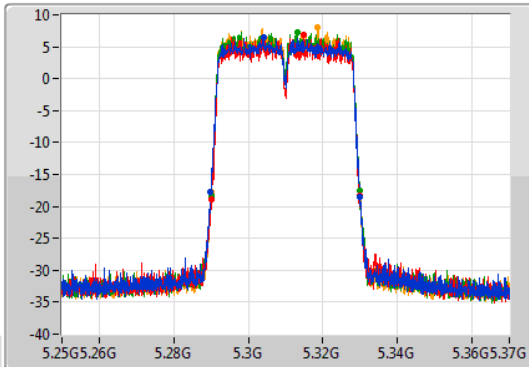
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

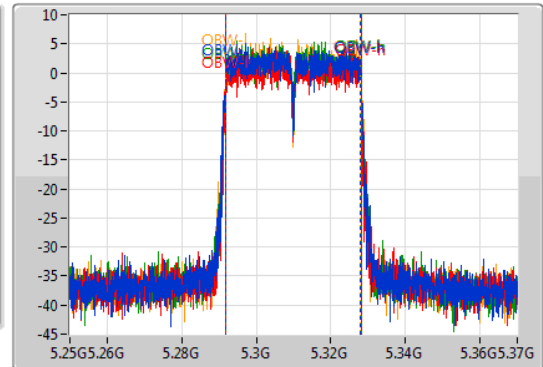
5310MHz

30/10/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.28978G	5.33004G	36.222M	5.291769G	5.327991G	Inf	1
39.84M	5.29008G	5.32992G	36.282M	5.291769G	5.328051G	Inf	2
39.96M	5.28996G	5.32992G	36.222M	5.291829G	5.328051G	Inf	3
39.9M	5.29008G	5.32998G	36.222M	5.291769G	5.327991G	Inf	4



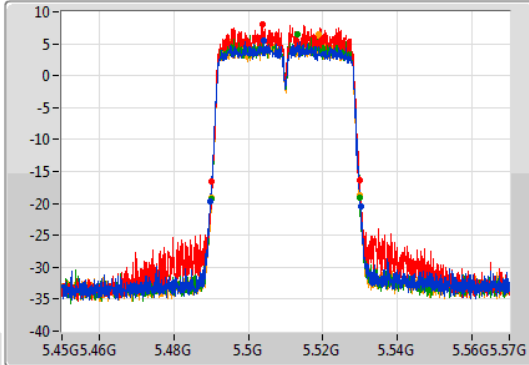
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

5510MHz

30/10/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.48984G	5.5301G	36.282M	5.491769G	5.528051G	Inf	1
39.84M	5.49008G	5.52992G	36.222M	5.491829G	5.528051G	Inf	2
39.78M	5.49002G	5.5298G	36.222M	5.491769G	5.527991G	Inf	3
39.9M	5.49008G	5.52998G	36.282M	5.491829G	5.528111G	Inf	4

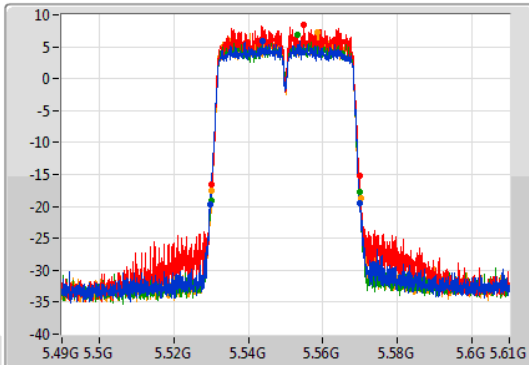
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

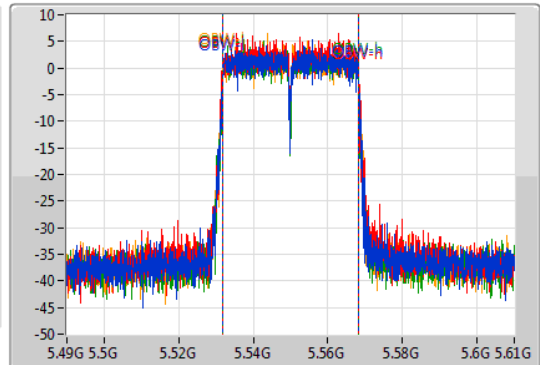
5550MHz

30/10/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.52966G	5.57004G	36.222M	5.531829G	5.568051G	Inf	1
39.78M	5.53008G	5.56986G	36.342M	5.531769G	5.568111G	Inf	2
39.9M	5.53002G	5.56992G	36.162M	5.531889G	5.568051G	Inf	3
39.96M	5.53014G	5.5701G	36.342M	5.531709G	5.568051G	Inf	4



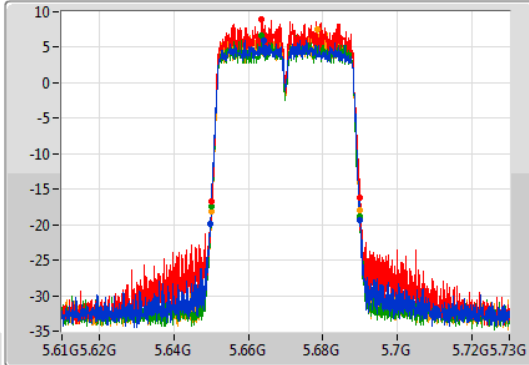
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

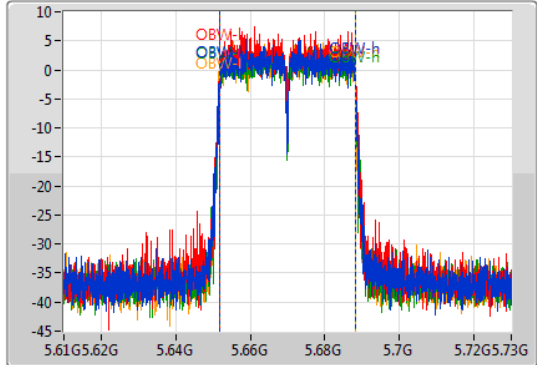
5670MHz

30/10/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.64978G	5.69004G	36.282M	5.651769G	5.688051G	Inf	1
39.72M	5.65008G	5.6898G	36.282M	5.651769G	5.688051G	Inf	2
39.96M	5.65008G	5.69004G	36.222M	5.651829G	5.688051G	Inf	3
39.84M	5.65014G	5.68998G	36.342M	5.651709G	5.688051G	Inf	4

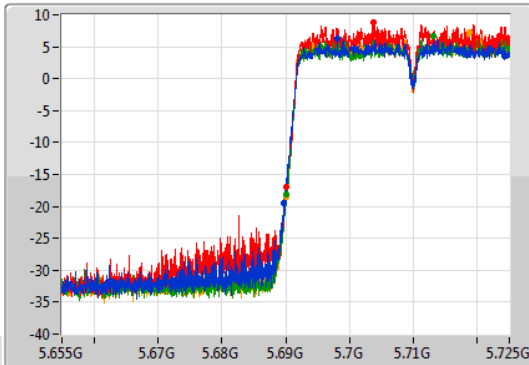
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

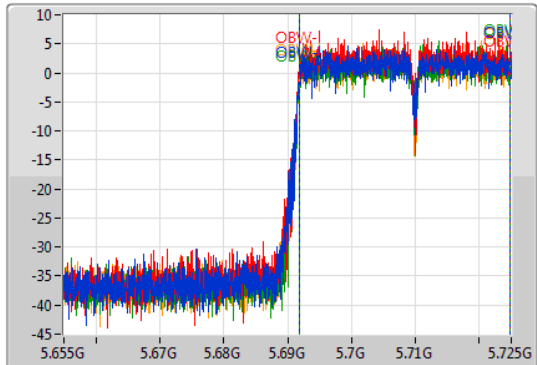
5710MHz Straddle 5.47-5.725GHz

30/10/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

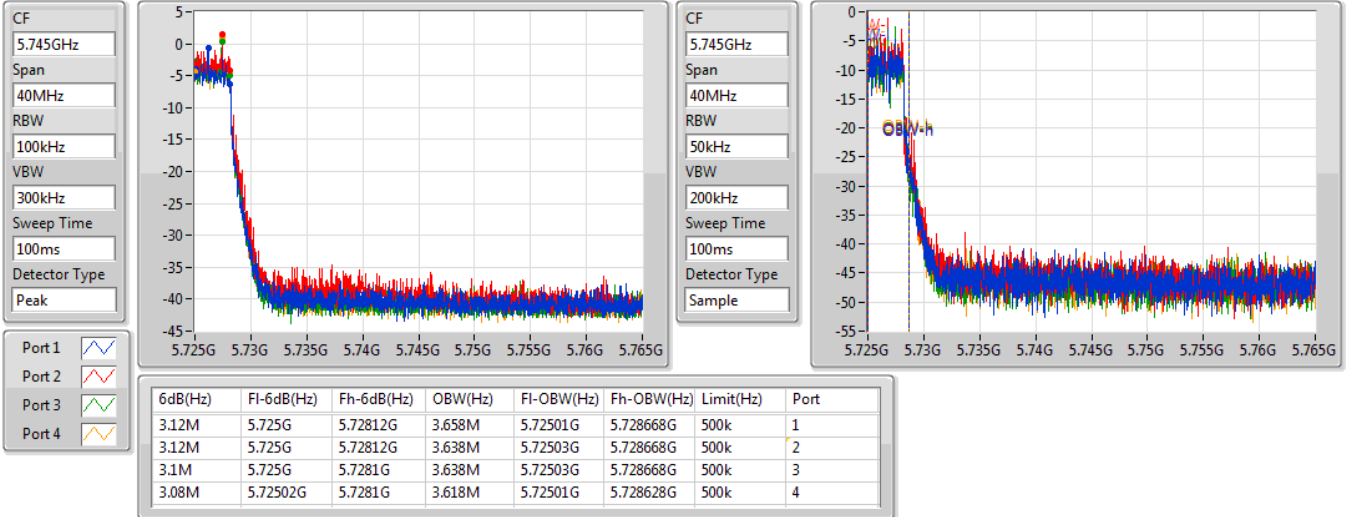
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.245M	5.689755G	5.725G	33.058M	5.691784G	5.724843G	Inf	1
34.93M	5.69007G	5.725G	33.023M	5.691819G	5.724843G	Inf	2
35M	5.69G	5.725G	33.023M	5.691784G	5.724808G	Inf	3
34.93M	5.69007G	5.725G	32.989M	5.691819G	5.724808G	Inf	4

802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/10/2019

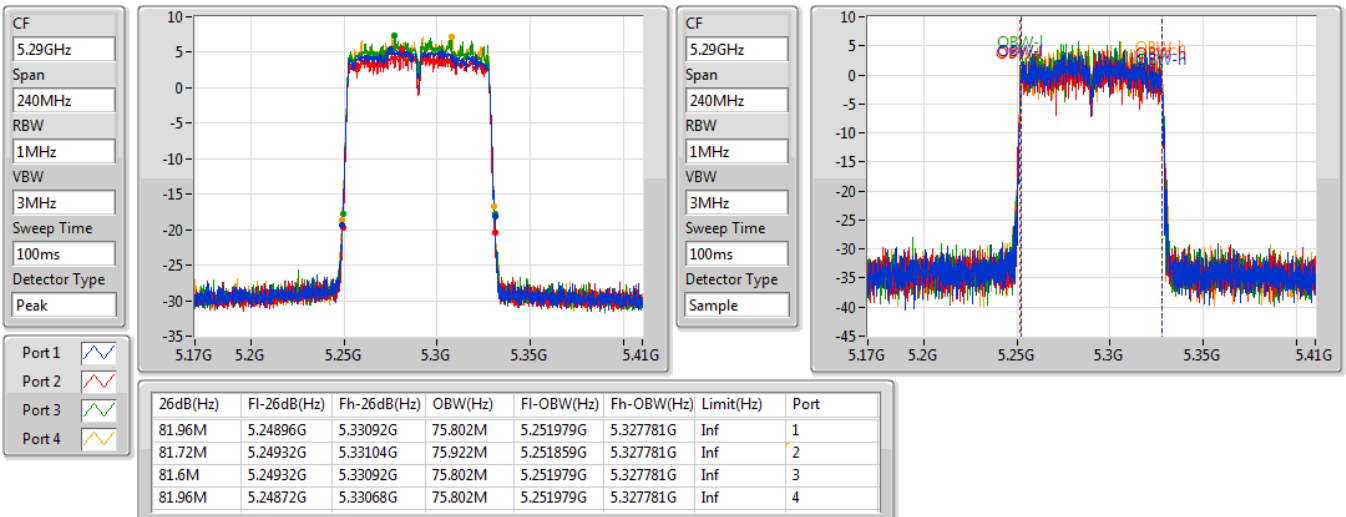


802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

5290MHz

30/10/2019



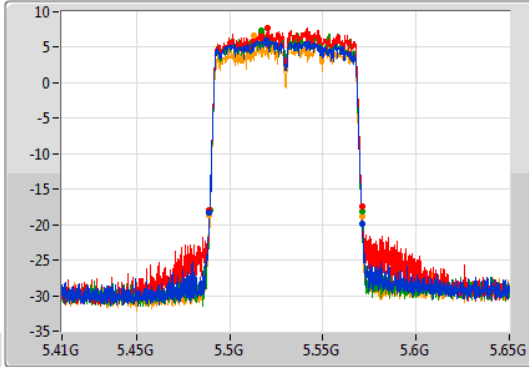
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

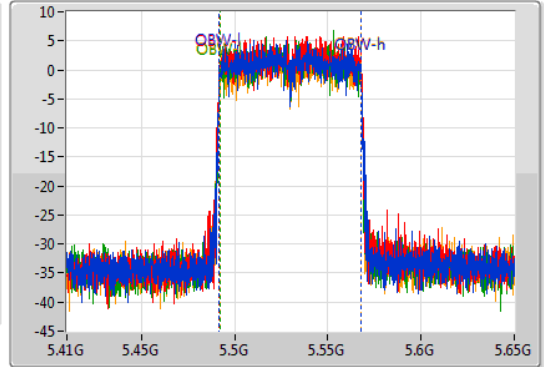
5530MHz

30/10/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48884G	5.57092G	75.922M	5.491859G	5.567781G	Inf	1
81.6M	5.4892G	5.5708G	75.922M	5.491859G	5.567781G	Inf	2
81.72M	5.48932G	5.57104G	75.922M	5.491979G	5.567901G	Inf	3
81.84M	5.48908G	5.57092G	75.802M	5.492099G	5.567901G	Inf	4

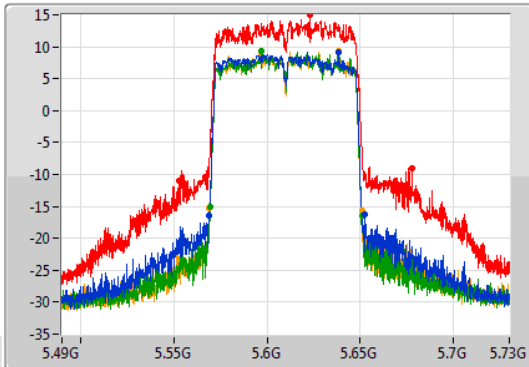
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

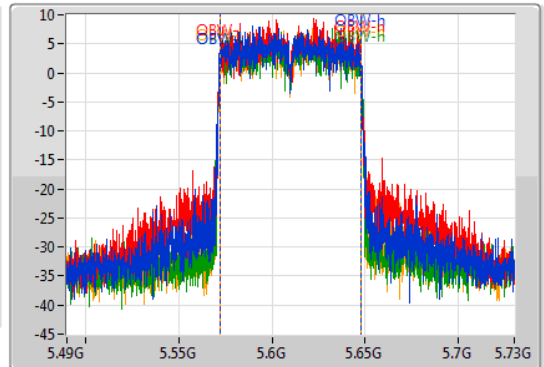
5610MHz

30/10/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

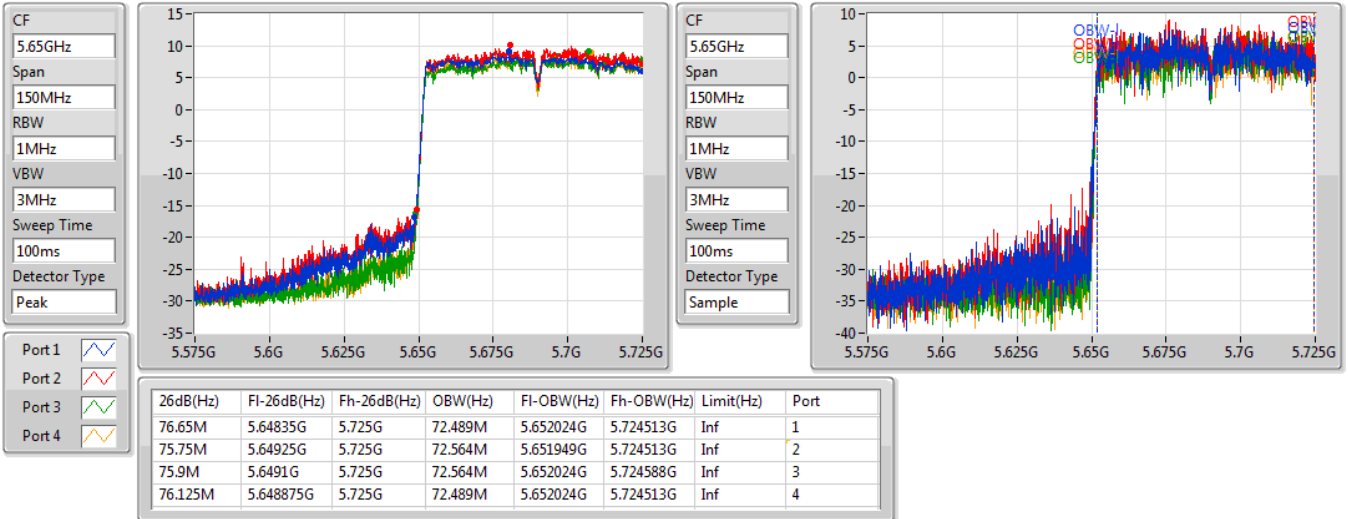
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	5.56896G	5.65224G	75.802M	5.571979G	5.647781G	Inf	1
124.8M	5.553G	5.6778G	75.802M	5.571979G	5.647781G	Inf	2
81.48M	5.56944G	5.65092G	75.922M	5.571979G	5.647901G	Inf	3
81.72M	5.56908G	5.6508G	75.802M	5.571979G	5.647781G	Inf	4

802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

30/10/2019

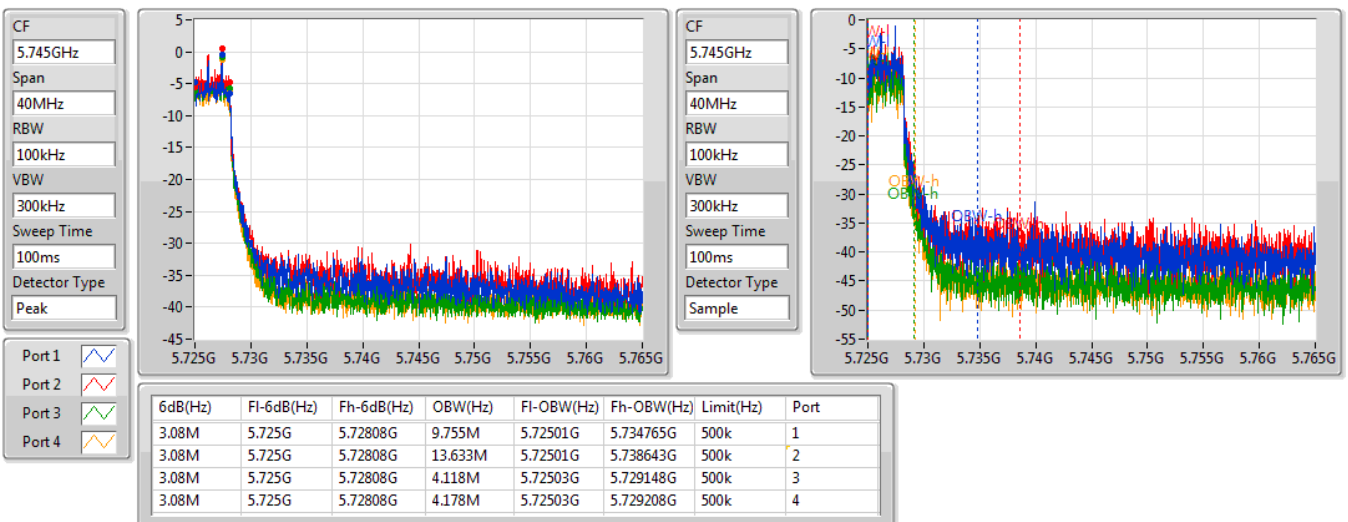


802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/10/2019

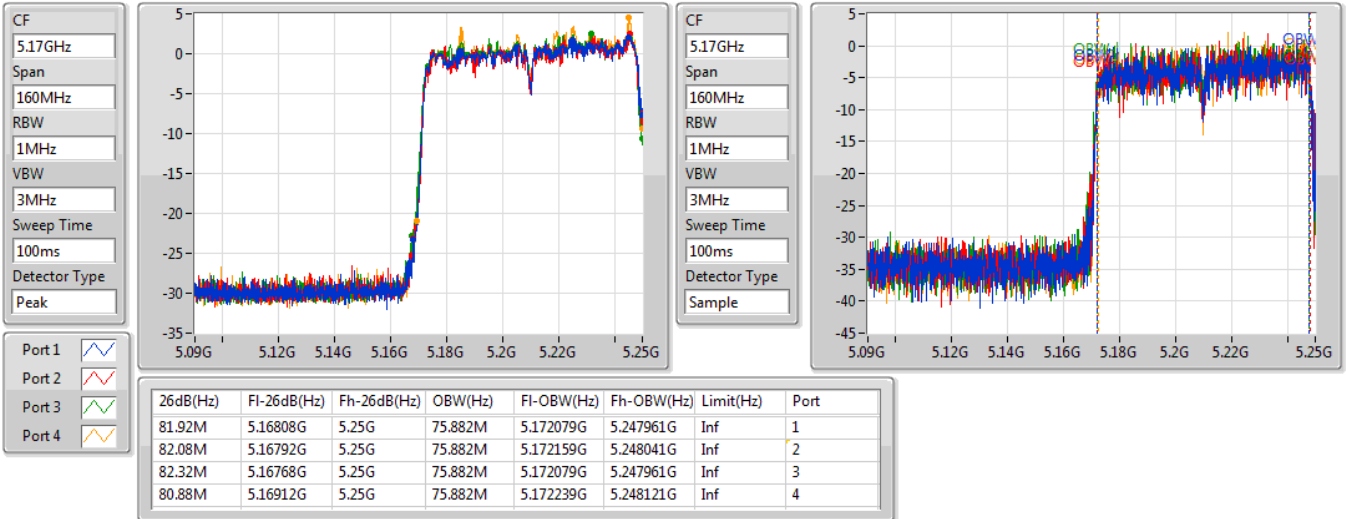


802.11ac VHT160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

30/10/2019

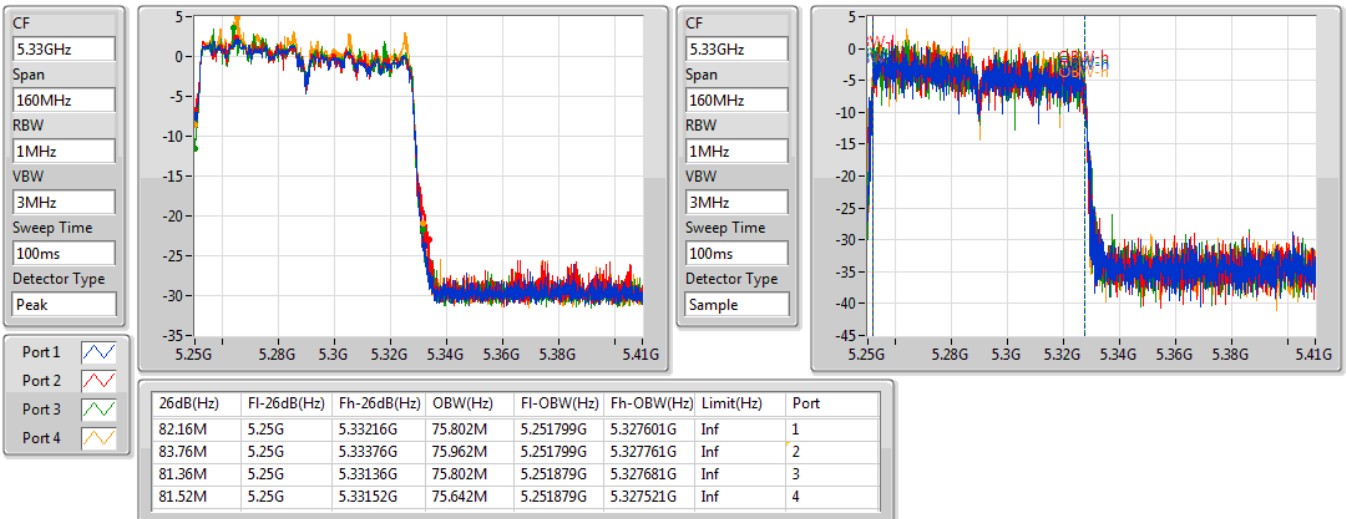


802.11ac VHT160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

30/10/2019



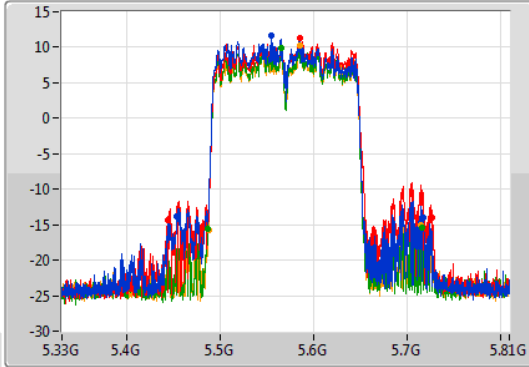
802.11ac VHT160\_Nss1,(MCS0)\_4TX

EBW

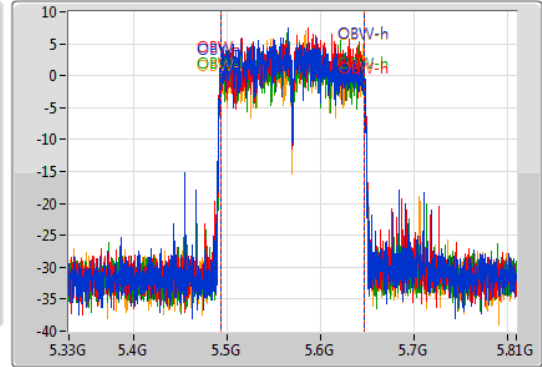
5570MHz

30/10/2019

CF  
5.57GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.57GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
263.76M	5.45336G	5.71712G	154.003M	5.492519G	5.646522G	Inf	1
282.96M	5.44424G	5.7272G	154.243M	5.492759G	5.647001G	Inf	2
229.92M	5.48624G	5.71616G	154.243M	5.492759G	5.647001G	Inf	3
228.48M	5.4872G	5.71568G	154.723M	5.492519G	5.647241G	Inf	4

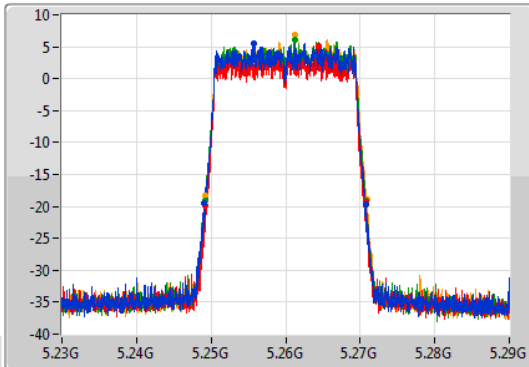
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

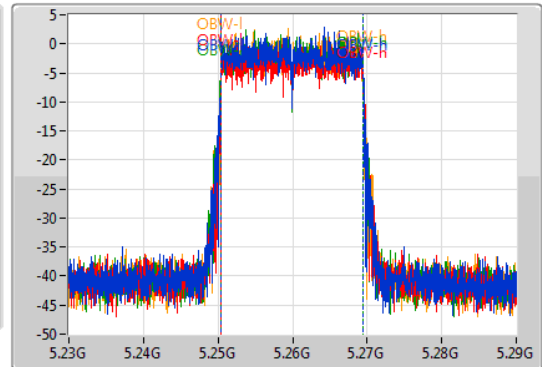
5260MHz

28/10/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.24908G	5.2708G	18.951M	5.250435G	5.269385G	Inf	1
21.57M	5.2492G	5.27077G	18.951M	5.250435G	5.269385G	Inf	2
21.69M	5.24914G	5.27083G	18.951M	5.250435G	5.269385G	Inf	3
21.69M	5.2492G	5.27089G	18.921M	5.250465G	5.269385G	Inf	4

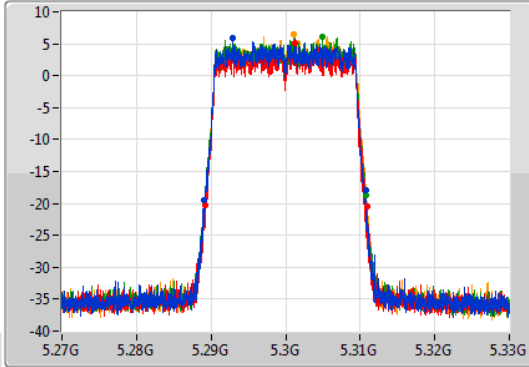
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5300MHz

28/10/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.28908G	5.31074G	19.01M	5.290405G	5.309415G	Inf	1
21.69M	5.28923G	5.31092G	18.981M	5.290435G	5.309415G	Inf	2
21.66M	5.28905G	5.31071G	18.951M	5.290435G	5.309385G	Inf	3
21.72M	5.28911G	5.31083G	18.981M	5.290435G	5.309415G	Inf	4

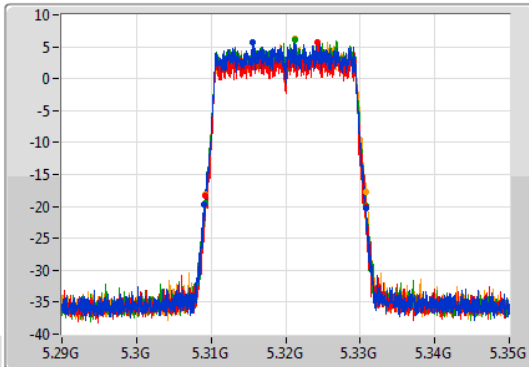
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

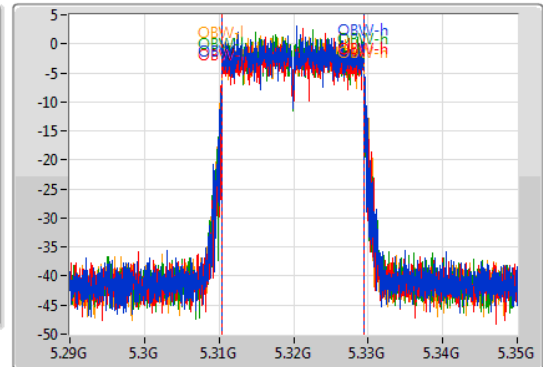
5320MHz

28/10/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.30905G	5.33071G	18.981M	5.310435G	5.329415G	Inf	1
21.6M	5.30926G	5.33086G	18.981M	5.310435G	5.329415G	Inf	2
21.69M	5.30914G	5.33083G	18.981M	5.310405G	5.329385G	Inf	3
21.57M	5.30923G	5.3308G	18.981M	5.310435G	5.329415G	Inf	4



802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5500MHz

28/10/2019

CF  
5.5GHz

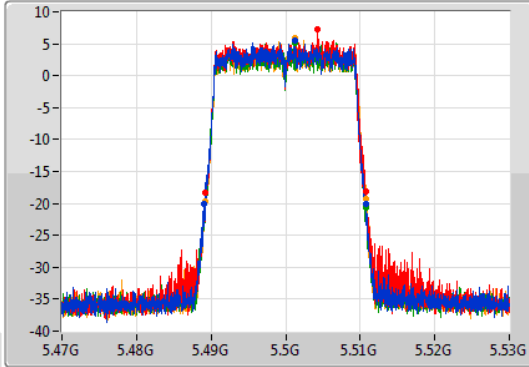
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.5GHz

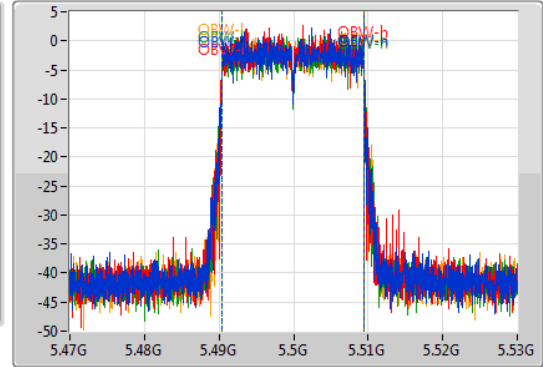
Span  
60MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.48905G	5.51074G	18.951M	5.490465G	5.509415G	Inf	1
21.57M	5.48926G	5.51083G	18.981M	5.490435G	5.509415G	Inf	2
21.72M	5.48911G	5.51083G	18.951M	5.490435G	5.509385G	Inf	3
21.72M	5.48914G	5.51086G	18.981M	5.490435G	5.509415G	Inf	4

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5580MHz

28/10/2019

CF  
5.58GHz

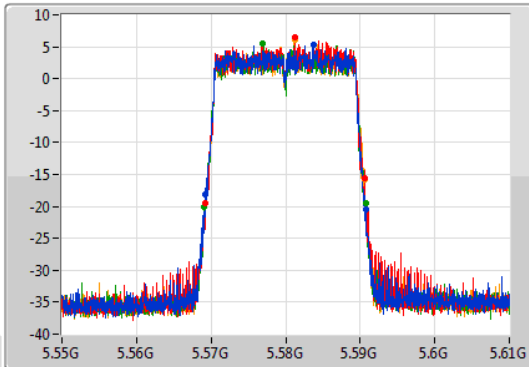
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.58GHz

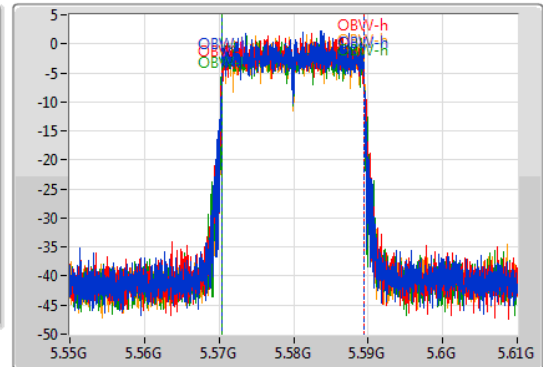
Span  
60MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.5692G	5.5908G	18.951M	5.570435G	5.589385G	Inf	1
21.36M	5.56926G	5.59062G	18.951M	5.570435G	5.589385G	Inf	2
21.72M	5.56908G	5.5908G	19.01M	5.570405G	5.589415G	Inf	3
21.33M	5.56929G	5.59062G	18.951M	5.570435G	5.589385G	Inf	4



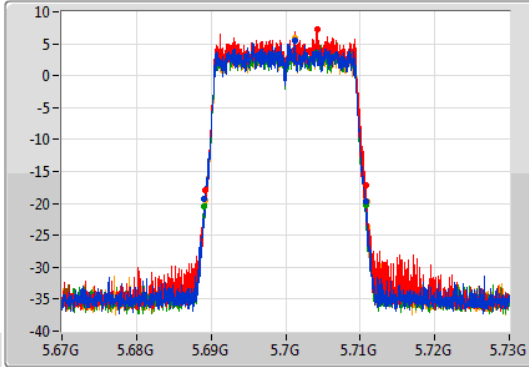
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

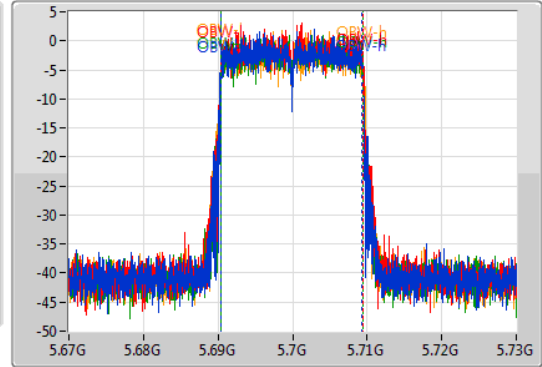
5700MHz

28/10/2019

CF  
5.7GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.68911G	5.71074G	18.951M	5.690405G	5.709355G	Inf	1
21.54M	5.68923G	5.71077G	19.04M	5.690405G	5.709445G	Inf	2
21.81M	5.68902G	5.71083G	18.981M	5.690435G	5.709415G	Inf	3
21.72M	5.68917G	5.71089G	19.01M	5.690435G	5.709445G	Inf	4

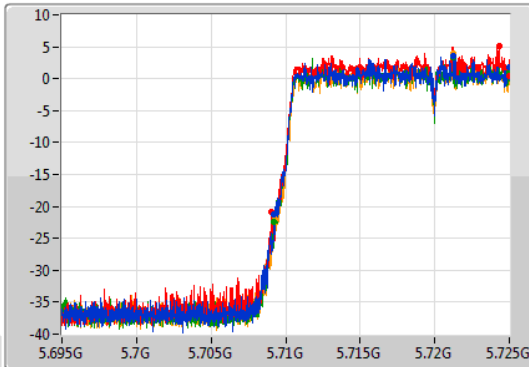
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

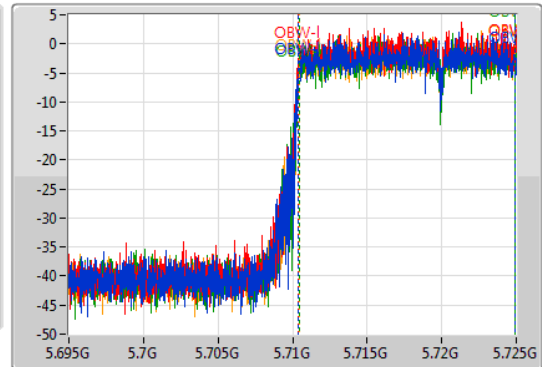
5720MHz Straddle 5.47-5.725GHz

28/10/2019

CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.71GHz  
Span  
30MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

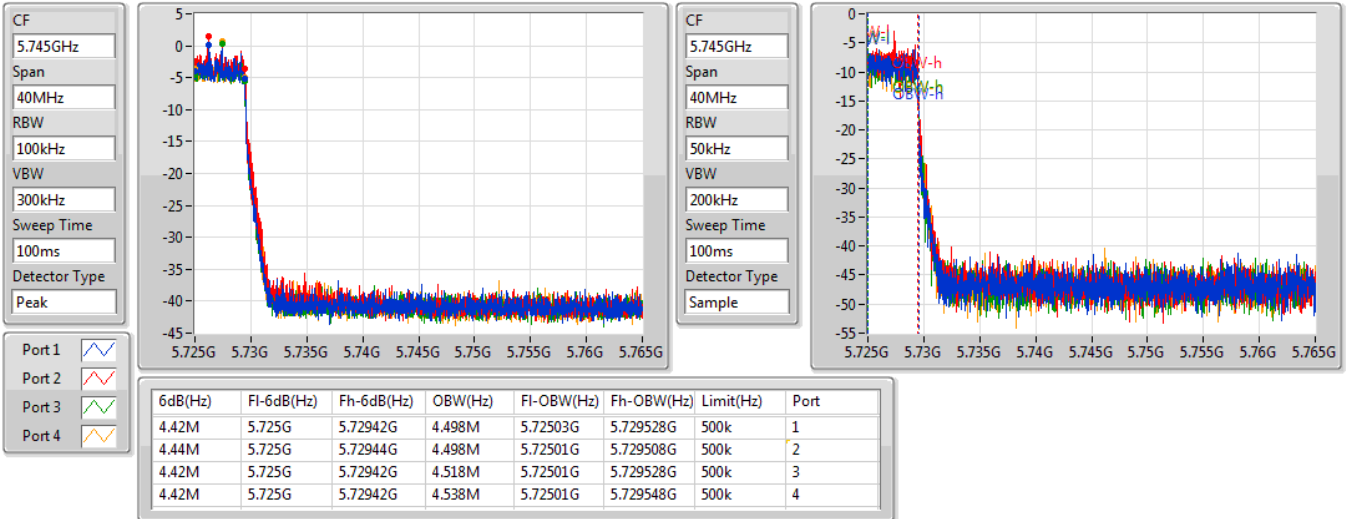
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.765M	5.709235G	5.725G	14.528M	5.71039G	5.724918G	Inf	1
15.96M	5.70904G	5.725G	14.543M	5.710405G	5.724948G	Inf	2
15.765M	5.709235G	5.725G	14.513M	5.71042G	5.724933G	Inf	3
15.75M	5.70925G	5.725G	14.513M	5.71042G	5.724933G	Inf	4

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/10/2019

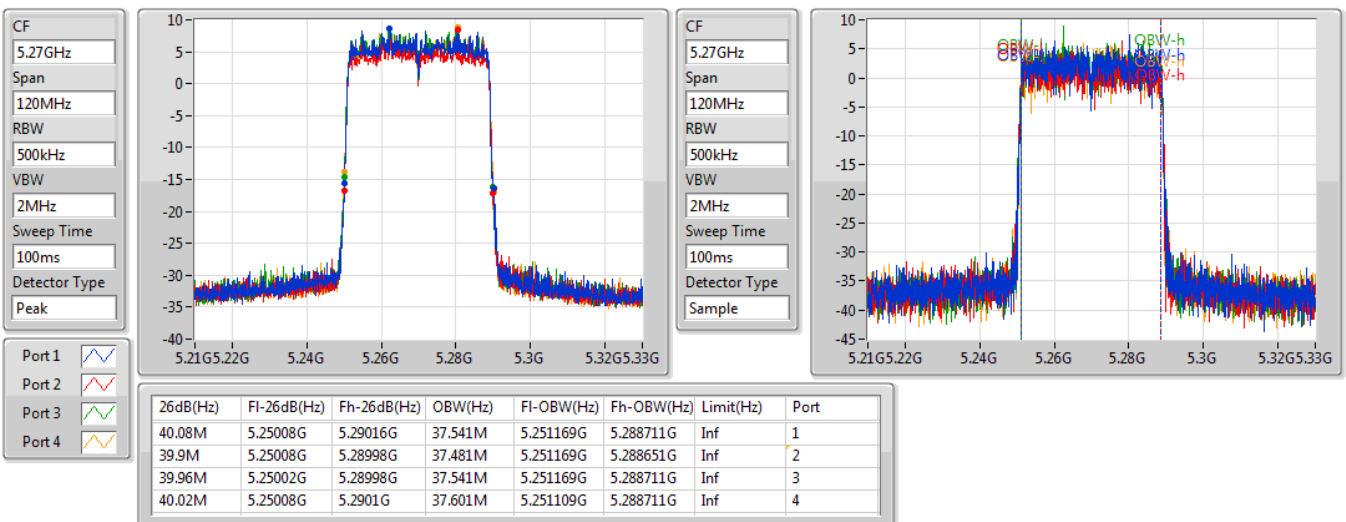


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5270MHz

28/10/2019



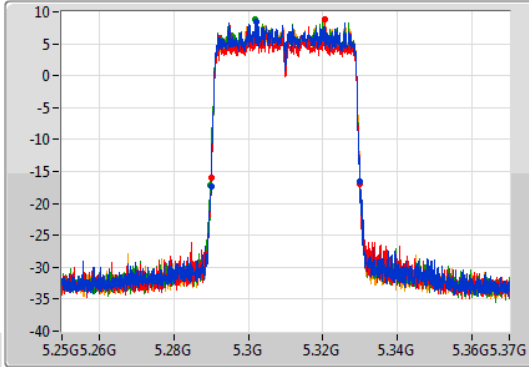
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

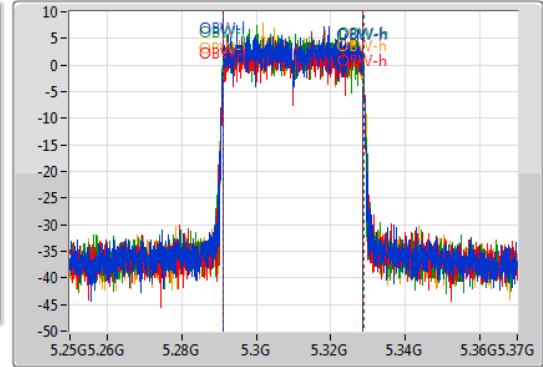
5310MHz

28/10/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.28996G	5.33004G	37.421M	5.291169G	5.328591G	Inf	1
39.9M	5.29008G	5.32998G	37.541M	5.291109G	5.328651G	Inf	2
40.14M	5.28984G	5.32998G	37.661M	5.291109G	5.328771G	Inf	3
40.14M	5.2899G	5.33004G	37.541M	5.291109G	5.328651G	Inf	4

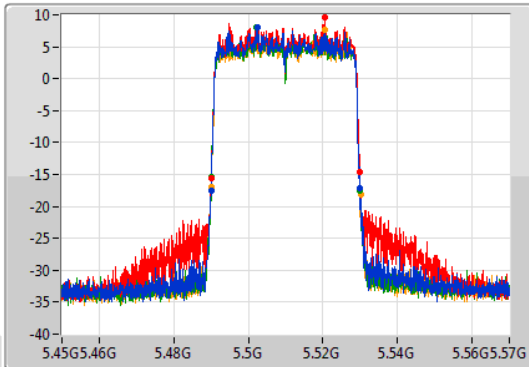
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5510MHz

28/10/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.48996G	5.53004G	37.601M	5.491109G	5.528711G	Inf	1
39.78M	5.49008G	5.52986G	37.481M	5.491229G	5.528711G	Inf	2
39.84M	5.49002G	5.52986G	37.601M	5.491109G	5.528711G	Inf	3
40.14M	5.48996G	5.5301G	37.541M	5.491169G	5.528711G	Inf	4

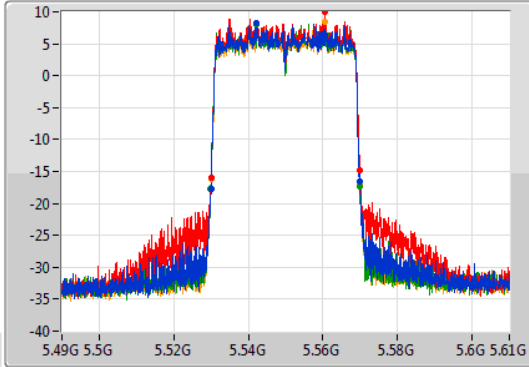
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

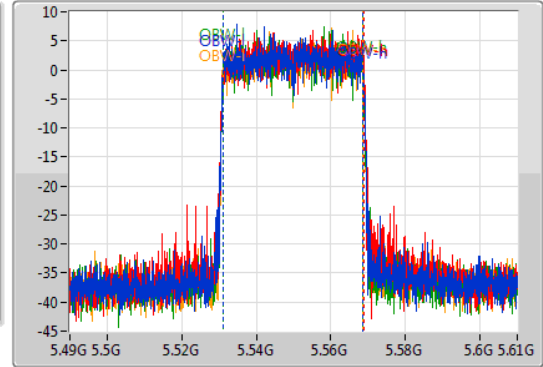
5550MHz

28/10/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.53002G	5.57004G	37.481M	5.531169G	5.568651G	Inf	1
39.84M	5.53002G	5.56986G	37.601M	5.531169G	5.568771G	Inf	2
40.14M	5.52984G	5.56998G	37.481M	5.531169G	5.568651G	Inf	3
40.08M	5.52996G	5.57004G	37.601M	5.531109G	5.568711G	Inf	4

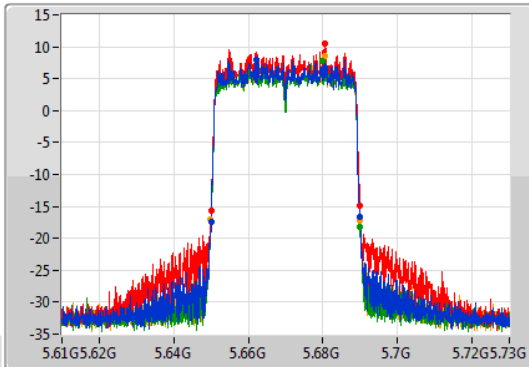
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

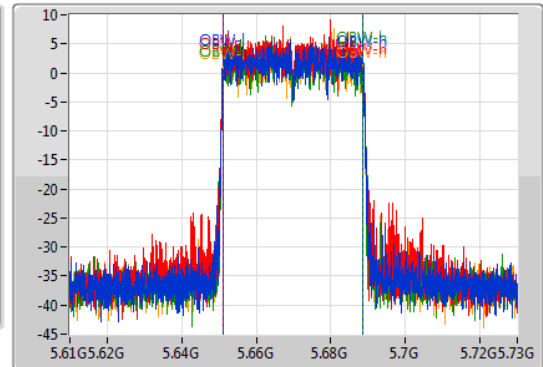
5670MHz

28/10/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

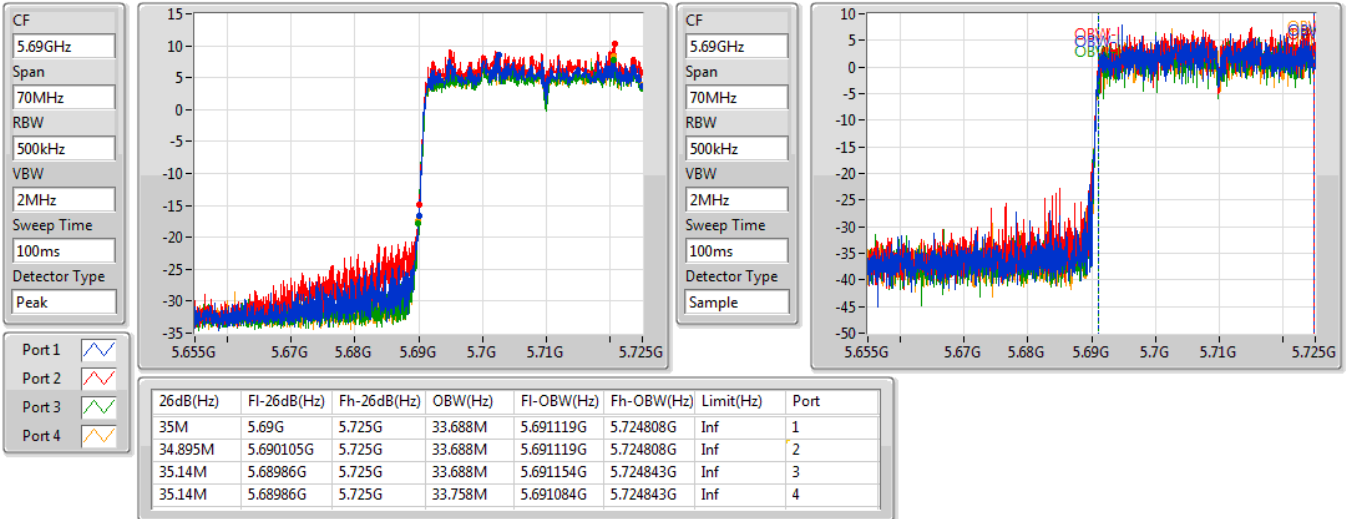
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.65002G	5.69004G	37.661M	5.651049G	5.688711G	Inf	1
39.84M	5.65002G	5.68986G	37.601M	5.651109G	5.688711G	Inf	2
40.08M	5.64996G	5.69004G	37.601M	5.651109G	5.688711G	Inf	3
40.2M	5.64984G	5.69004G	37.541M	5.651169G	5.688711G	Inf	4

802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

28/10/2019

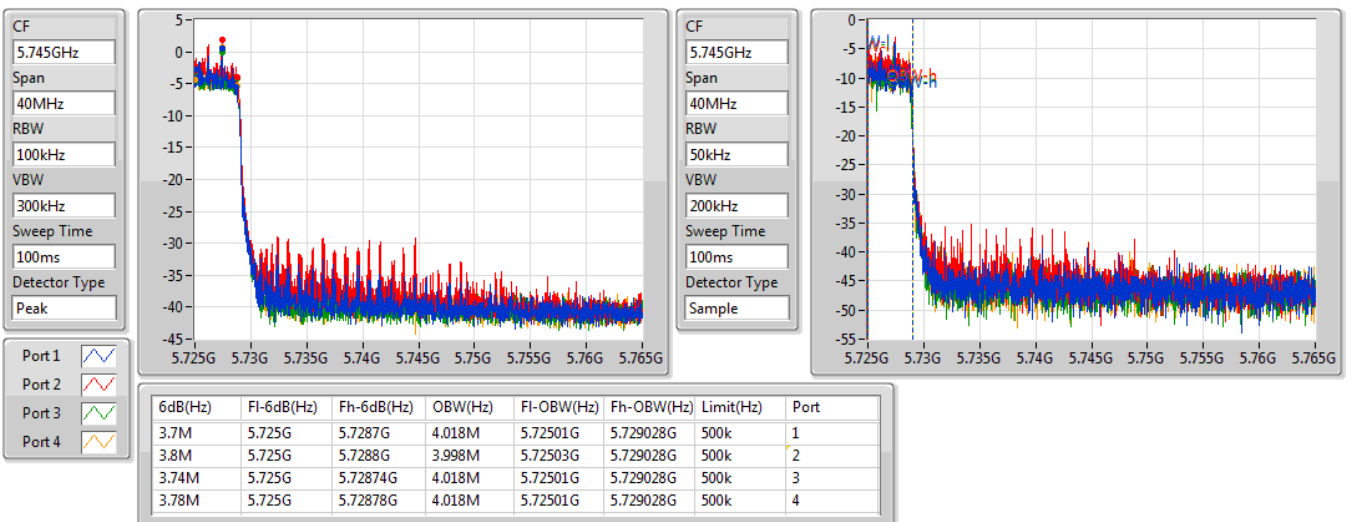


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

28/10/2019



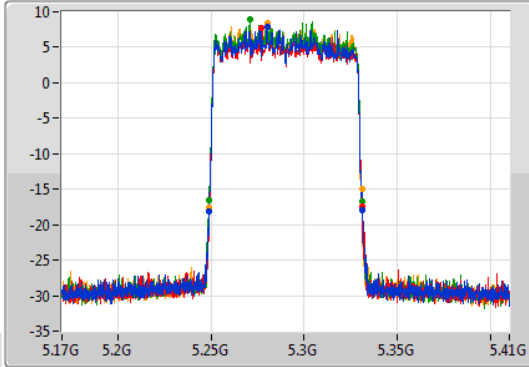
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

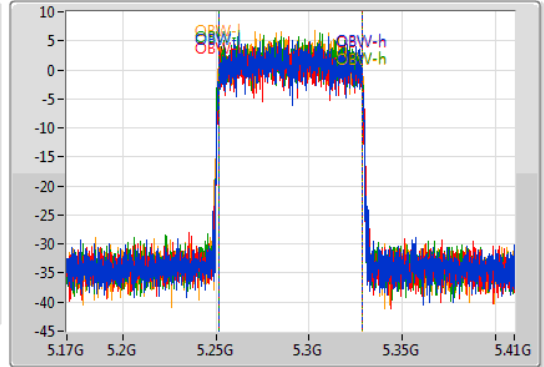
5290MHz

28/10/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.24896G	5.33116G	77.001M	5.251379G	5.328381G	Inf	1
82.08M	5.24908G	5.33116G	77.121M	5.251379G	5.328501G	Inf	2
82.08M	5.24872G	5.3308G	76.762M	5.251499G	5.328261G	Inf	3
81.72M	5.24908G	5.3308G	77.241M	5.251259G	5.328501G	Inf	4

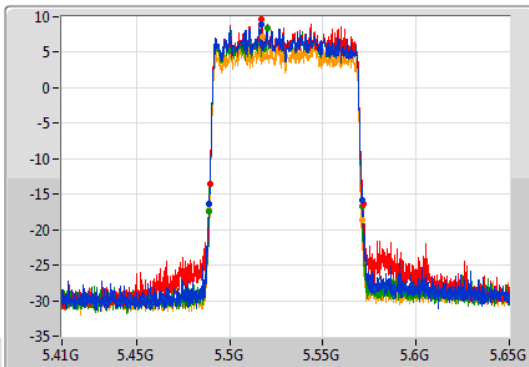
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

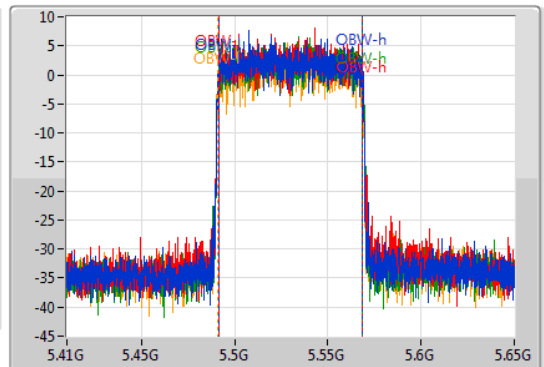
5530MHz

28/10/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48908G	5.57116G	77.241M	5.491259G	5.568501G	Inf	1
82.32M	5.48932G	5.57164G	77.121M	5.491379G	5.568501G	Inf	2
82.08M	5.48872G	5.5708G	77.241M	5.491379G	5.568621G	Inf	3
81.72M	5.48908G	5.5708G	77.241M	5.491139G	5.568381G	Inf	4

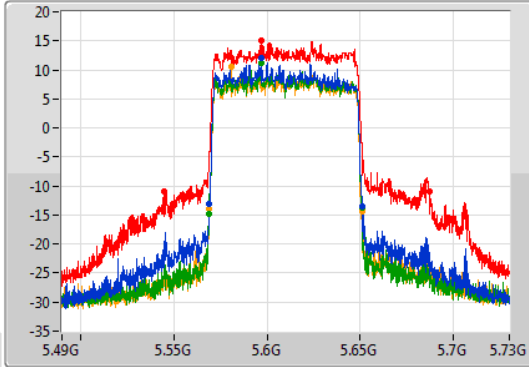
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

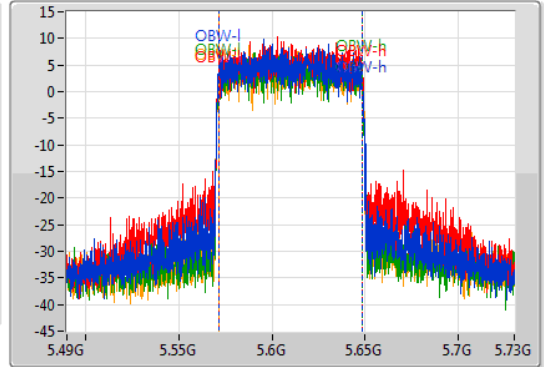
5610MHz

28/10/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56908G	5.65128G	77.121M	5.571259G	5.648381G	Inf	1
142.44M	5.54472G	5.68716G	77.241M	5.571379G	5.648621G	Inf	2
81.96M	5.56884G	5.6508G	77.241M	5.571259G	5.648501G	Inf	3
81.6M	5.5692G	5.6508G	77.121M	5.571499G	5.648621G	Inf	4

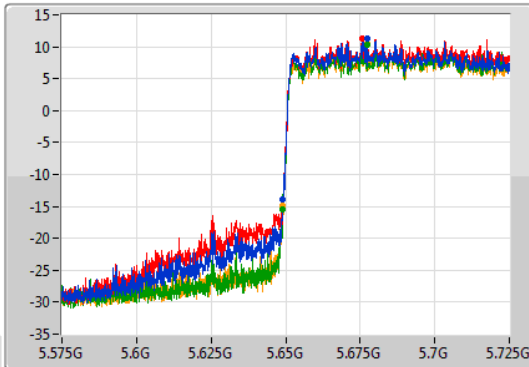
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

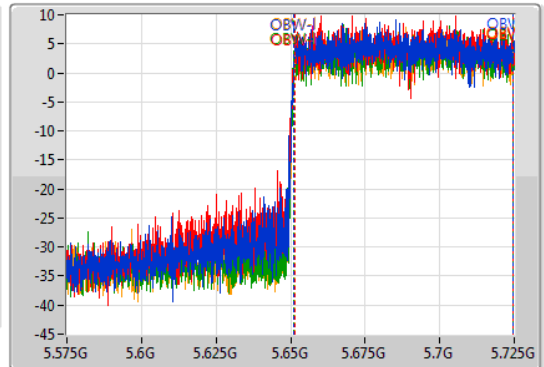
5690MHz Straddle 5.47-5.725GHz

28/10/2019

CF  
5.65GHz  
Span  
150MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.9M	5.6491G	5.725G	73.388M	5.651199G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	73.238M	5.651349G	5.724588G	Inf	2
76.125M	5.648875G	5.725G	73.388M	5.651199G	5.724588G	Inf	3
75.975M	5.649025G	5.725G	73.163M	5.651424G	5.724588G	Inf	4

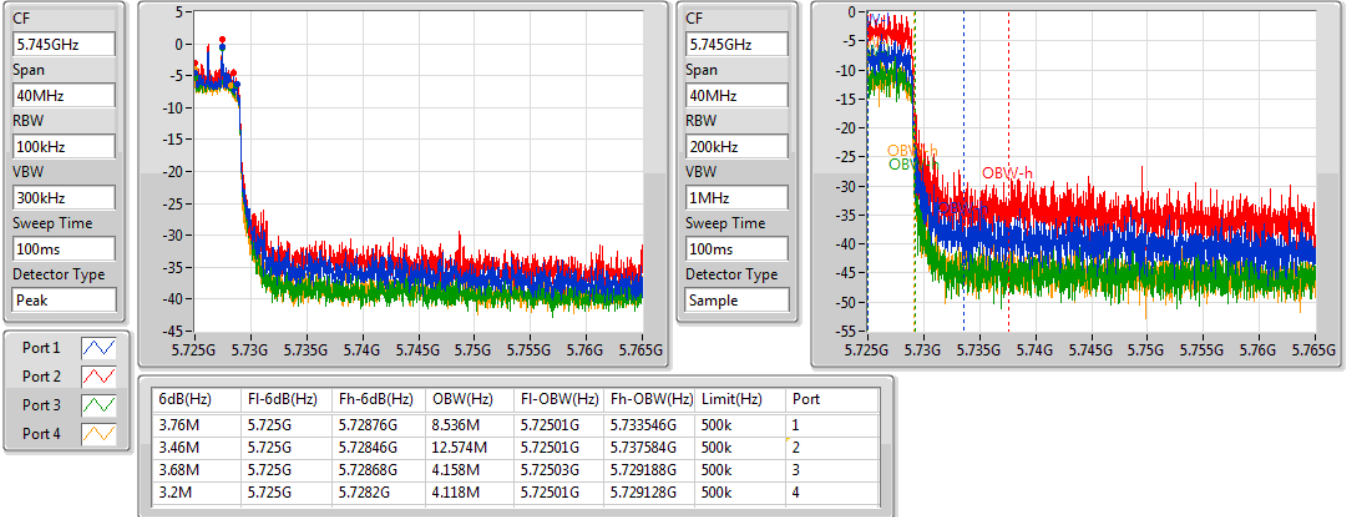


802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

28/10/2019

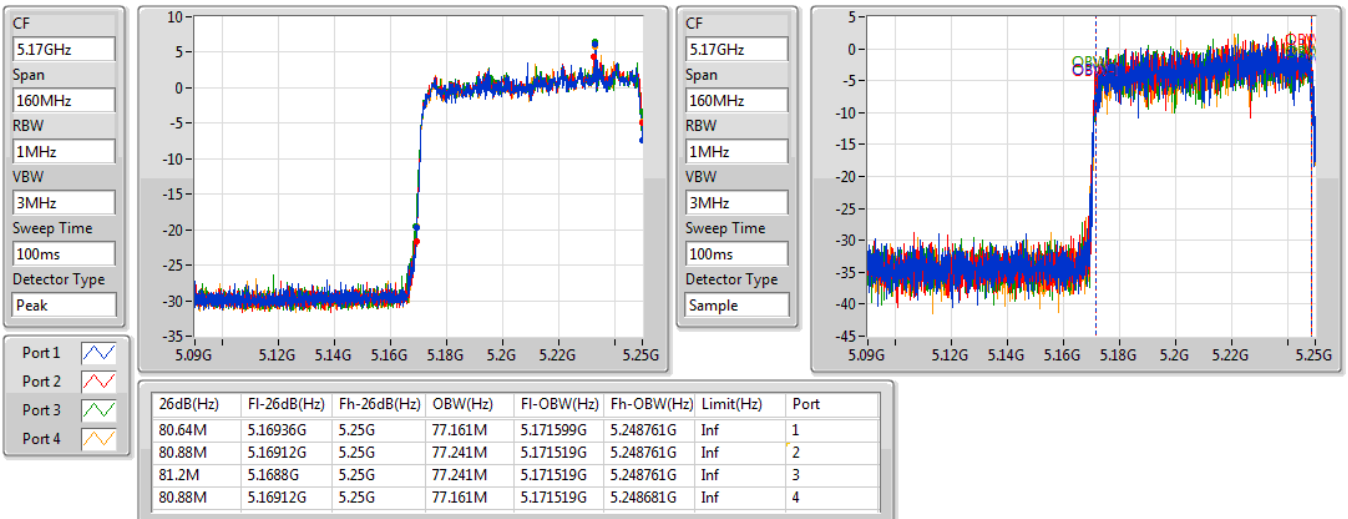


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

28/10/2019



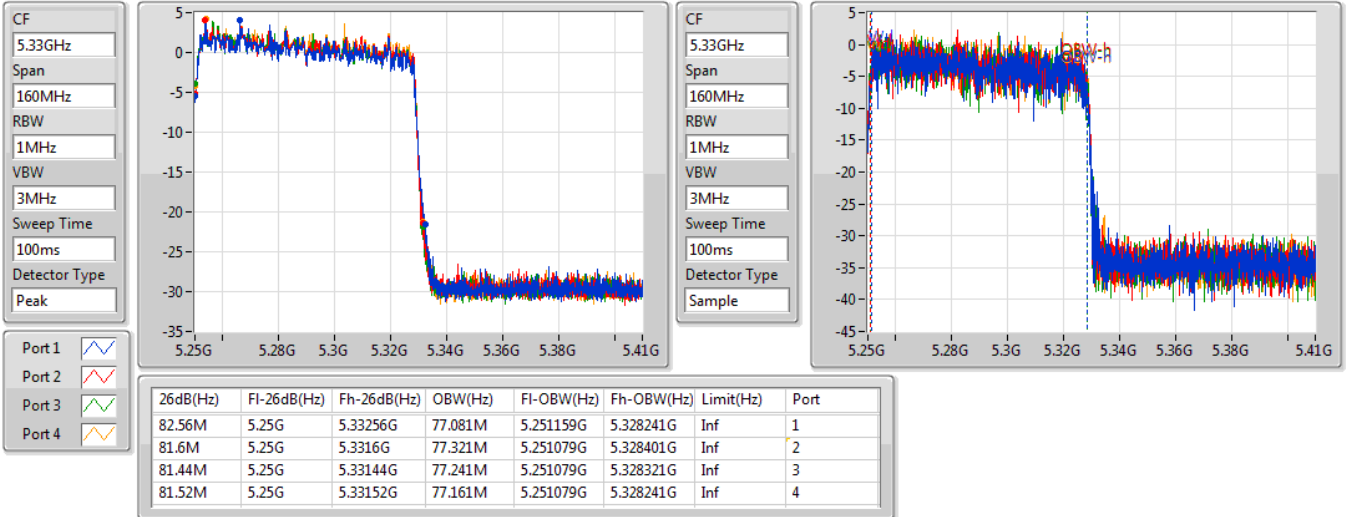


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

28/10/2019

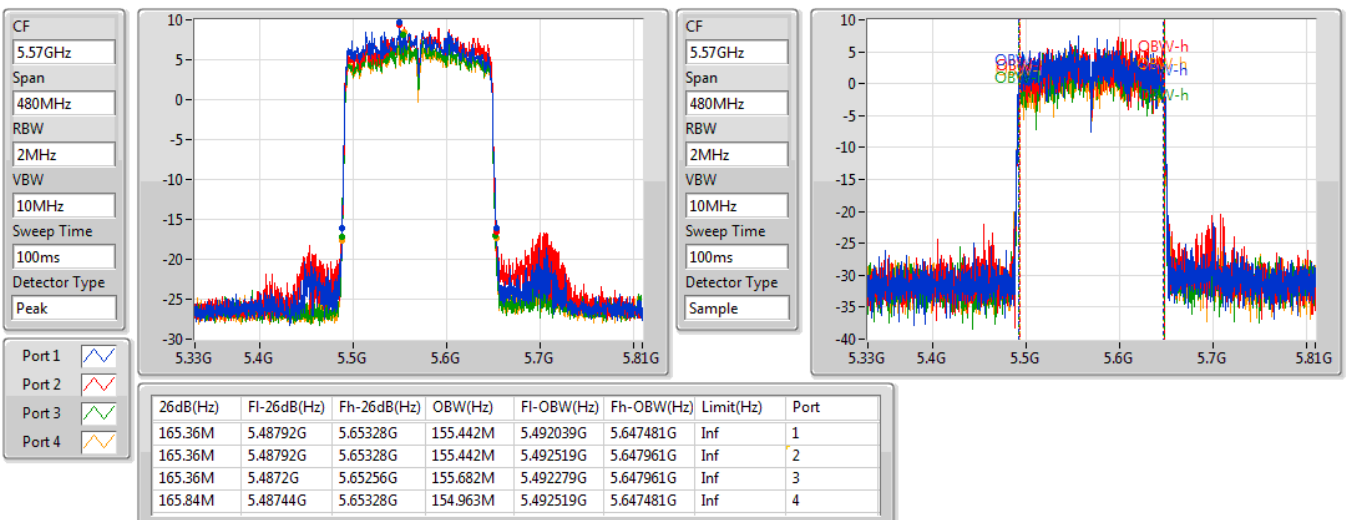


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5570MHz

28/10/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	83.12M	75.962M	76MOD1D	80.72M	75.722M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.28M	77.321M	77M3D1D	80.56M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.84M	17.811M	17M8D1D	21.48M	17.721M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.44M	36.282M	36M3D1D	39.78M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.32M	76.042M	76MOD1D	81.48M	75.682M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	83.52M	75.962M	76MOD1D	81.12M	75.722M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.81M	18.981M	19MOD1D	21.36M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.661M	37M7D1D	39.9M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.241M	77M2D1D	81.96M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.68M	77.241M	77M2D1D	81.52M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.96M	17.811M	17M8D1D	15.75M	13.868M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.26M	36.342M	36M3D1D	34.86M	33.023M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.32M	76.042M	76MOD1D	75.75M	72.489M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	166.08M	154.723M	155MD1D	164.64M	154.243M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.84M	19.04M	19MOD1D	15.675M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.661M	37M7D1D	34.93M	33.653M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.92M	77.361M	77M4D1D	75.9M	73.238M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	166.32M	156.402M	156MD1D	164.88M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.8M	4.458M	4M46D1D	3.74M	4.298M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.12M	4.418M	4M42D1D	3.08M	3.818M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.1M	22.009M	22MOD1D	3.08M	14.973M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.54M	4.538M	4M54D1D	4.4M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.82M	4.118M	4M12D1D	3.76M	4.038M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.76M	18.491M	18M5D1D	3.48M	7.016M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.69M	17.751M	21.72M	17.781M	21.51M	17.751M	21.66M	17.781M
5300MHz	Pass	Inf	21.84M	17.811M	21.51M	17.751M	21.63M	17.751M	21.78M	17.721M
5320MHz	Pass	Inf	21.78M	17.781M	21.48M	17.781M	21.48M	17.811M	21.63M	17.751M
5500MHz	Pass	Inf	21.93M	17.751M	21.48M	17.751M	21.54M	17.781M	21.69M	17.781M
5580MHz	Pass	Inf	21.75M	17.811M	21.63M	17.721M	21.48M	17.751M	21.69M	17.781M
5700MHz	Pass	Inf	21.96M	17.781M	21.6M	17.781M	21.51M	17.781M	21.66M	17.781M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.825M	13.868M	15.75M	13.928M	15.75M	13.958M	15.765M	13.898M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.458M	3.76M	4.298M	3.74M	4.318M	3.8M	4.298M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.44M	36.162M	39.9M	36.222M	40.26M	36.282M	39.78M	36.222M
5310MHz	Pass	Inf	40.44M	36.222M	39.84M	36.282M	40.08M	36.282M	39.78M	36.282M
5510MHz	Pass	Inf	40.14M	36.222M	39.54M	36.282M	40.2M	36.342M	39.66M	36.222M
5550MHz	Pass	Inf	40.26M	36.222M	39.84M	36.222M	40.02M	36.282M	39.84M	36.282M
5670MHz	Pass	Inf	40.26M	36.282M	39.78M	36.222M	40.02M	36.282M	39.66M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.058M	34.86M	33.023M	35M	33.093M	34.93M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.418M	3.08M	3.818M	3.1M	4.058M	3.12M	3.898M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	75.682M	81.48M	76.042M	81.72M	75.922M	81.84M	75.802M
5530MHz	Pass	Inf	82.32M	75.802M	81.96M	75.922M	81.6M	76.042M	82.2M	75.802M
5610MHz	Pass	Inf	82.32M	75.922M	81.84M	75.802M	81.6M	75.802M	81.96M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	72.489M	75.75M	72.564M	75.9M	72.489M	76.05M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	21.609M	3.08M	14.973M	3.1M	22.009M	3.1M	20.35M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.84M	75.722M	82.16M	75.882M	83.12M	75.962M	80.72M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.76M	75.802M	83.52M	75.962M	81.2M	75.722M	81.12M	75.882M
5570MHz	Pass	Inf	164.88M	154.723M	166.08M	154.723M	164.88M	154.723M	164.64M	154.243M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.72M	18.981M	21.6M	18.981M	21.63M	18.981M	21.78M	18.981M
5300MHz	Pass	Inf	21.63M	18.951M	21.36M	18.981M	21.72M	18.981M	21.81M	18.951M
5320MHz	Pass	Inf	21.57M	18.951M	21.45M	18.951M	21.6M	18.981M	21.66M	18.981M
5500MHz	Pass	Inf	21.69M	18.981M	21.6M	18.951M	21.84M	18.981M	21.63M	19.04M
5580MHz	Pass	Inf	21.81M	19.01M	21.45M	18.981M	21.75M	18.951M	21.69M	18.981M
5700MHz	Pass	Inf	21.66M	18.981M	21.57M	18.981M	21.66M	18.981M	21.69M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	14.543M	15.675M	14.483M	15.705M	14.498M	15.78M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.518M	4.46M	4.498M	4.4M	4.538M	4.54M	4.538M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.601M	39.9M	37.481M	40.08M	37.661M	40.2M	37.541M
5310MHz	Pass	Inf	40.08M	37.601M	39.9M	37.541M	40.02M	37.601M	40.14M	37.541M
5510MHz	Pass	Inf	40.14M	37.601M	39.84M	37.601M	40.14M	37.541M	40.14M	37.601M
5550MHz	Pass	Inf	40.14M	37.481M	39.9M	37.601M	40.14M	37.661M	40.08M	37.661M
5670MHz	Pass	Inf	39.96M	37.541M	39.78M	37.601M	40.2M	37.661M	40.14M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.723M	34.93M	33.723M	35.245M	33.758M	35.035M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.118M	3.82M	4.038M	3.76M	4.058M	3.78M	4.038M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.001M	82.32M	77.121M	82.2M	77.241M	81.96M	77.001M
5530MHz	Pass	Inf	82.2M	77.121M	82.08M	77.121M	82.92M	77.361M	81.96M	77.241M
5610MHz	Pass	Inf	82.32M	77.361M	81.84M	76.882M	82.44M	77.241M	81.96M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.238M	75.9M	73.388M	75.9M	73.313M	75.975M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	18.491M	3.5M	7.016M	3.72M	17.411M	3.48M	15.632M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.321M	80.72M	77.161M	81.28M	77.321M	80.88M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.6M	77.081M	81.6M	77.241M	81.68M	77.241M	81.52M	77.161M
5570MHz	Pass	Inf	164.88M	155.682M	164.88M	155.922M	165.36M	156.402M	166.32M	155.682M

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

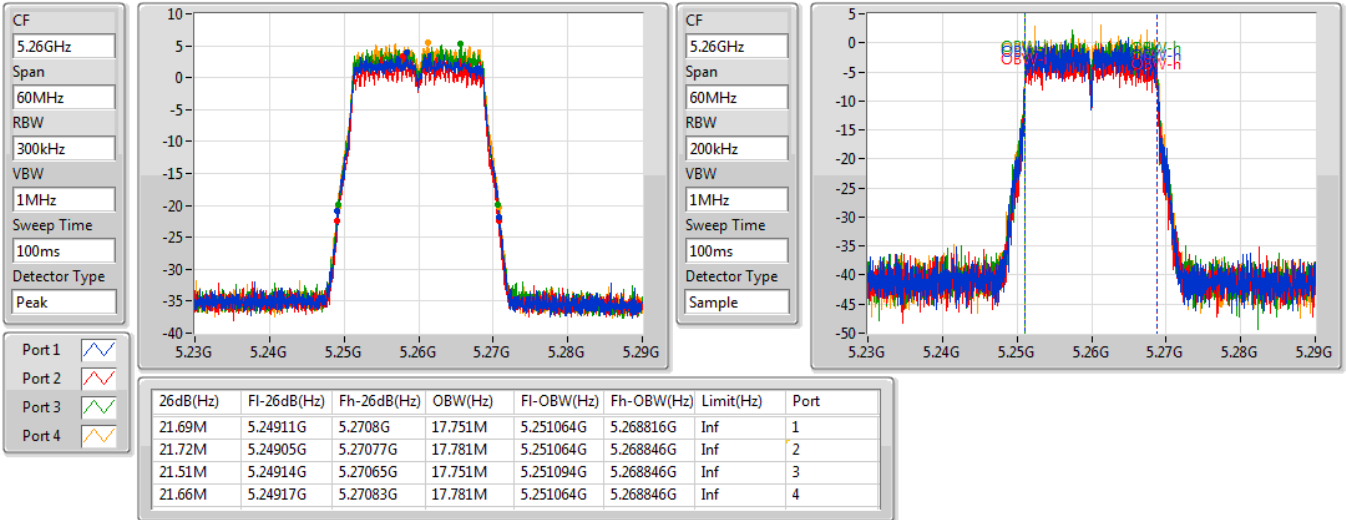
**Port X-OBW** = Port X 99% occupied bandwidth;

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

EBW

5260MHz

01/11/2019

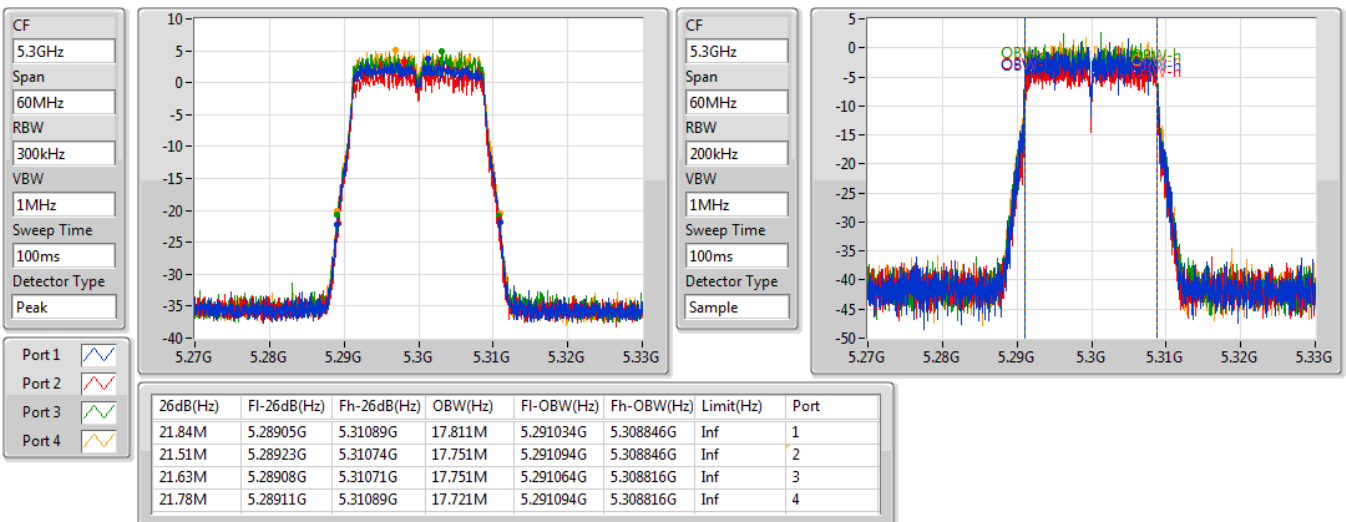


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5300MHz

01/11/2019



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

EBW

5320MHz

01/11/2019

CF  
5.32GHz

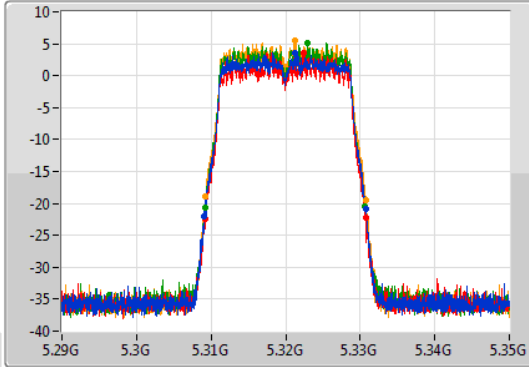
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.32GHz

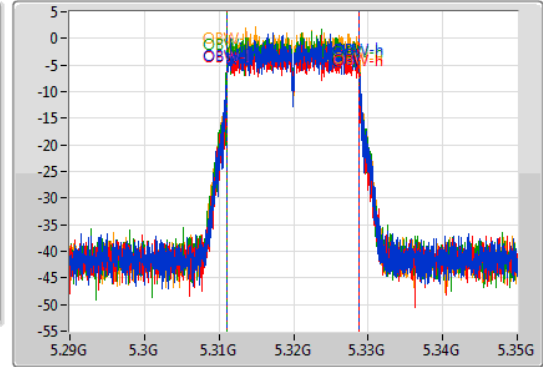
Span  
60MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.30908G	5.33086G	17.781M	5.311064G	5.328846G	Inf	1
21.48M	5.30923G	5.33071G	17.781M	5.311064G	5.328846G	Inf	2
21.48M	5.3092G	5.33068G	17.811M	5.311034G	5.328846G	Inf	3
21.63M	5.3092G	5.33083G	17.751M	5.311094G	5.328846G	Inf	4

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

EBW

5500MHz

01/11/2019

CF  
5.5GHz

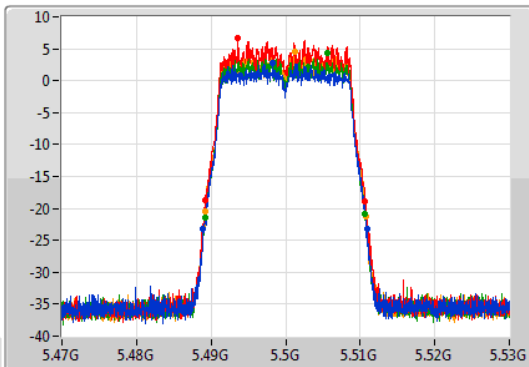
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.5GHz

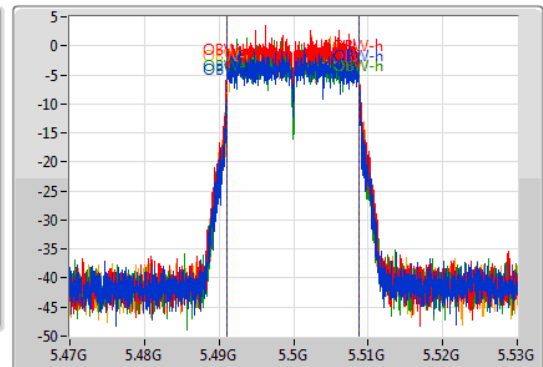
Span  
60MHz

RBW  
200kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.48896G	5.51089G	17.751M	5.491094G	5.508846G	Inf	1
21.48M	5.48917G	5.51065G	17.751M	5.491064G	5.508816G	Inf	2
21.54M	5.48914G	5.51068G	17.781M	5.491034G	5.508816G	Inf	3
21.69M	5.48917G	5.51086G	17.781M	5.491034G	5.508816G	Inf	4

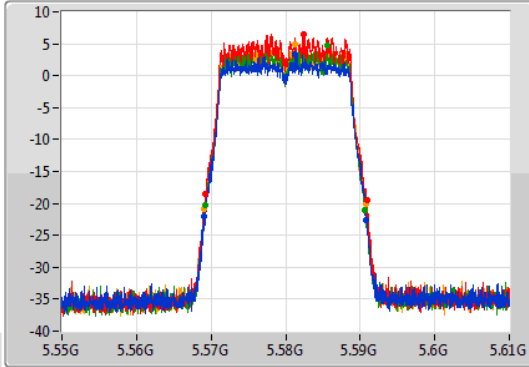
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

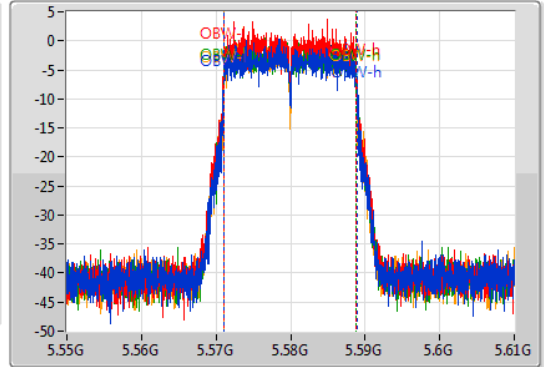
5580MHz

01/11/2019

CF: 5.58GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.58GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.56911G	5.59086G	17.811M	5.571064G	5.588876G	Inf	1
21.63M	5.56926G	5.59089G	17.721M	5.571094G	5.588816G	Inf	2
21.48M	5.5692G	5.59068G	17.751M	5.571064G	5.588816G	Inf	3
21.69M	5.56908G	5.59077G	17.781M	5.571064G	5.588846G	Inf	4

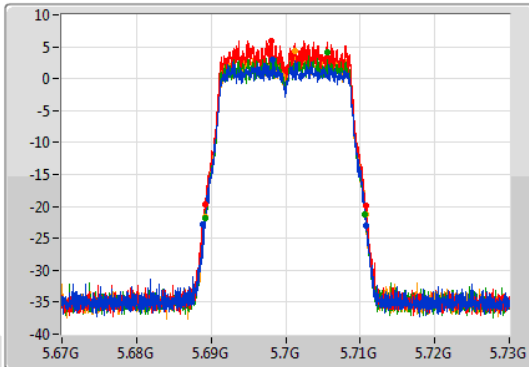
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

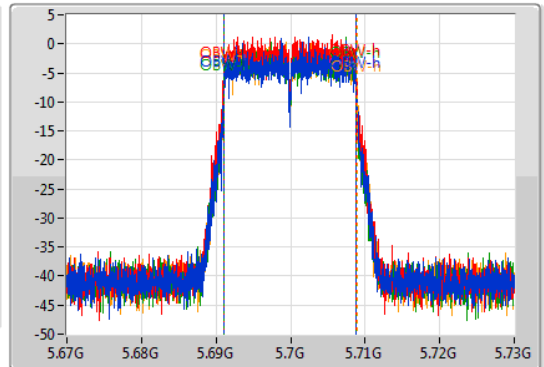
5700MHz

01/11/2019

CF: 5.7GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.7GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

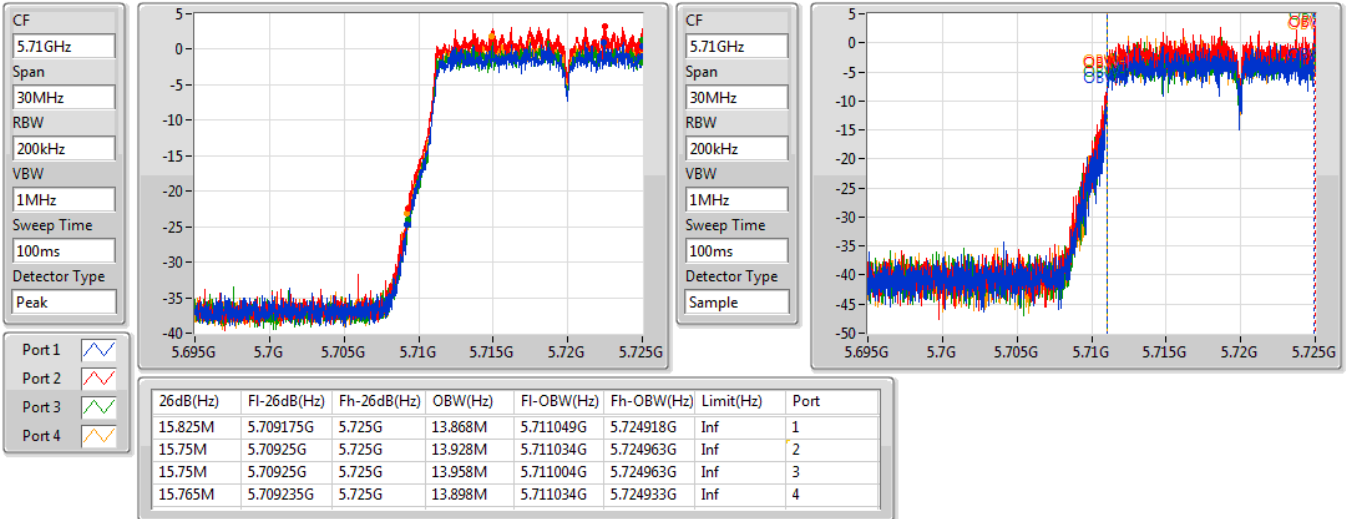
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.6889G	5.71086G	17.781M	5.691034G	5.708816G	Inf	1
21.6M	5.68917G	5.71077G	17.781M	5.691034G	5.708816G	Inf	2
21.51M	5.68917G	5.71068G	17.781M	5.691064G	5.708846G	Inf	3
21.66M	5.68914G	5.7108G	17.781M	5.691094G	5.708876G	Inf	4

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

EBW

5720MHz Straddle 5.47-5.725GHz

01/11/2019

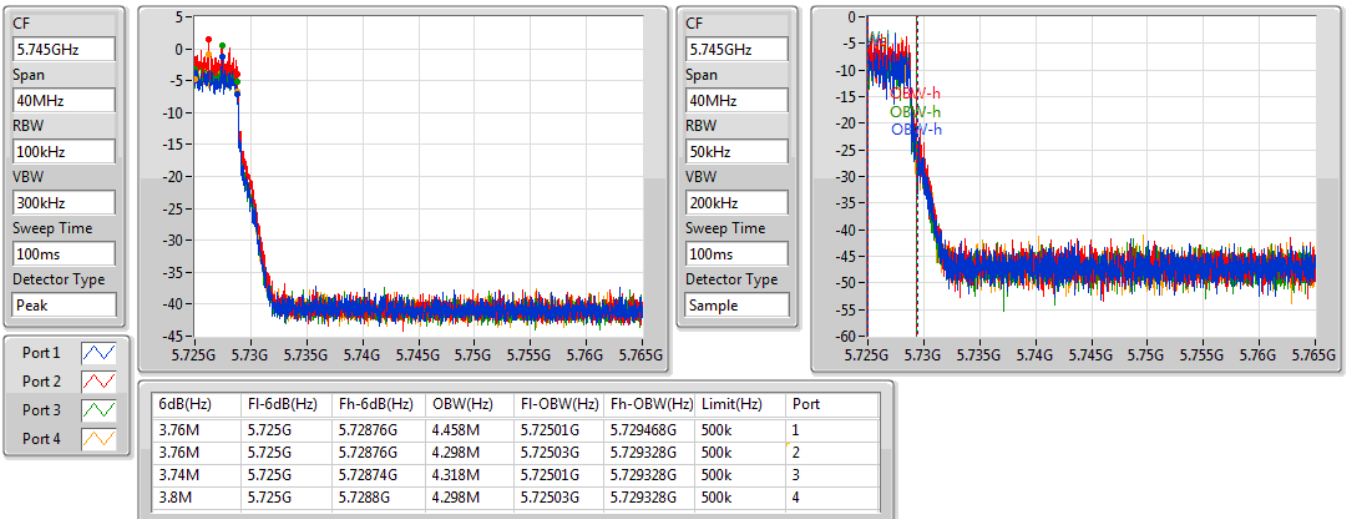


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/11/2019





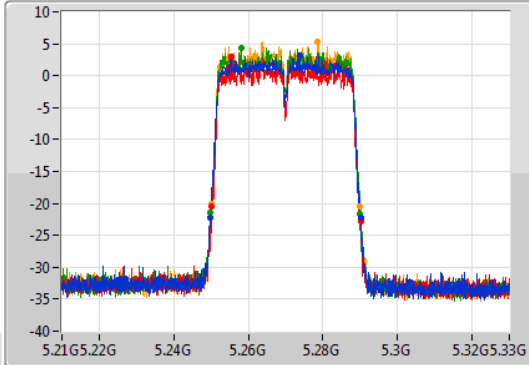
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

5270MHz

01/11/2019

CF: 5.27GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.27GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.24978G	5.29022G	36.162M	5.251829G	5.287991G	Inf	1
39.9M	5.25026G	5.29016G	36.222M	5.251829G	5.288051G	Inf	2
40.26M	5.24978G	5.29004G	36.282M	5.251769G	5.288051G	Inf	3
39.78M	5.25026G	5.29004G	36.222M	5.251829G	5.288051G	Inf	4

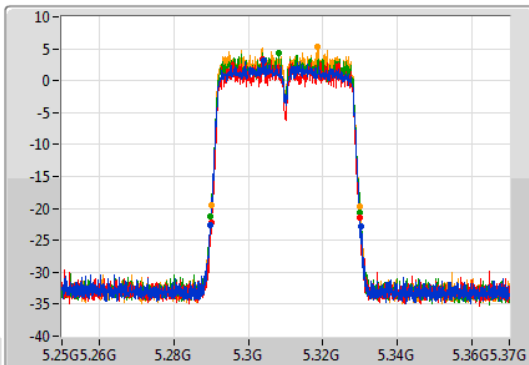
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

5310MHz

01/11/2019

CF: 5.31GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.31GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.28978G	5.33022G	36.222M	5.291829G	5.328051G	Inf	1
39.84M	5.29008G	5.32992G	36.282M	5.291769G	5.328051G	Inf	2
40.08M	5.2899G	5.32998G	36.282M	5.291769G	5.328051G	Inf	3
39.78M	5.29014G	5.32992G	36.282M	5.291829G	5.328111G	Inf	4

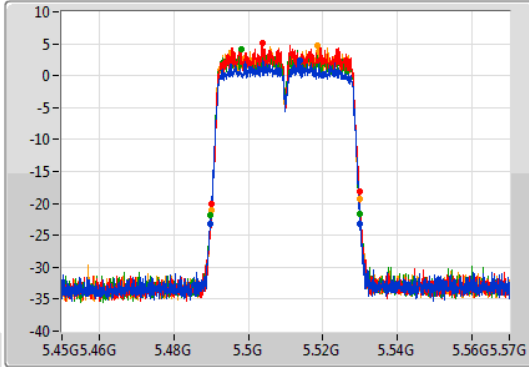
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

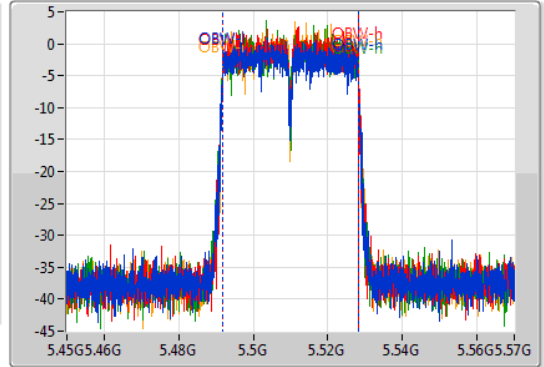
5510MHz

01/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.48984G	5.52998G	36.222M	5.491829G	5.528051G	Inf	1
39.54M	5.49026G	5.5298G	36.282M	5.491829G	5.528111G	Inf	2
40.2M	5.48984G	5.53004G	36.342M	5.491769G	5.528111G	Inf	3
39.66M	5.49014G	5.5298G	36.222M	5.491829G	5.528051G	Inf	4

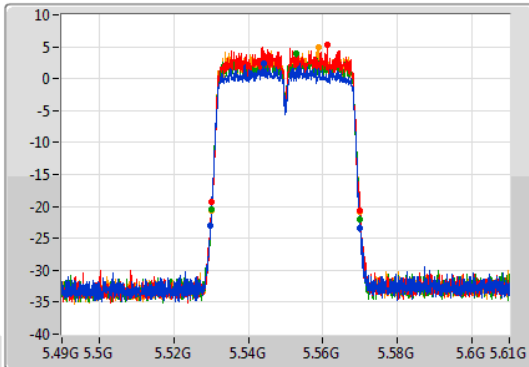
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

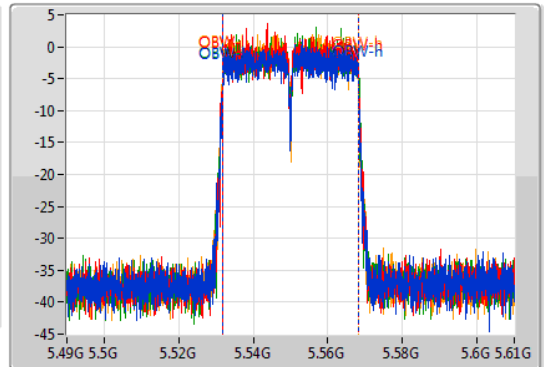
5550MHz

01/11/2019

CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.52978G	5.57004G	36.222M	5.531829G	5.568051G	Inf	1
39.84M	5.53014G	5.56998G	36.222M	5.531829G	5.568051G	Inf	2
40.02M	5.53002G	5.57004G	36.282M	5.531829G	5.568111G	Inf	3
39.84M	5.53008G	5.56992G	36.282M	5.531769G	5.568051G	Inf	4

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

EBW

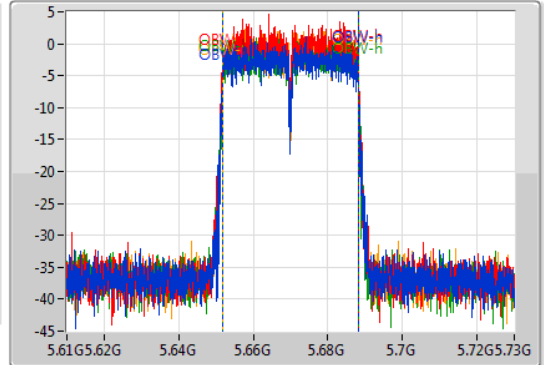
5670MHz

01/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.67GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.64972G	5.68998G	36.282M	5.651829G	5.688111G	Inf	1
39.78M	5.65014G	5.68992G	36.222M	5.651829G	5.688051G	Inf	2
40.02M	5.65002G	5.69004G	36.282M	5.651829G	5.688111G	Inf	3
39.66M	5.6502G	5.68986G	36.222M	5.651829G	5.688051G	Inf	4

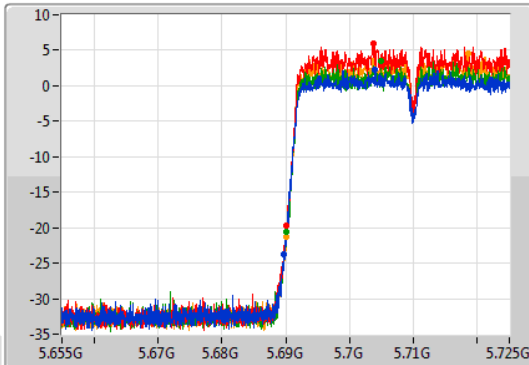
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

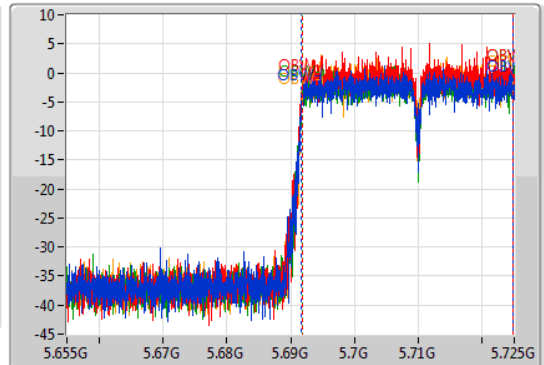
5710MHz Straddle 5.47-5.725GHz

01/11/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

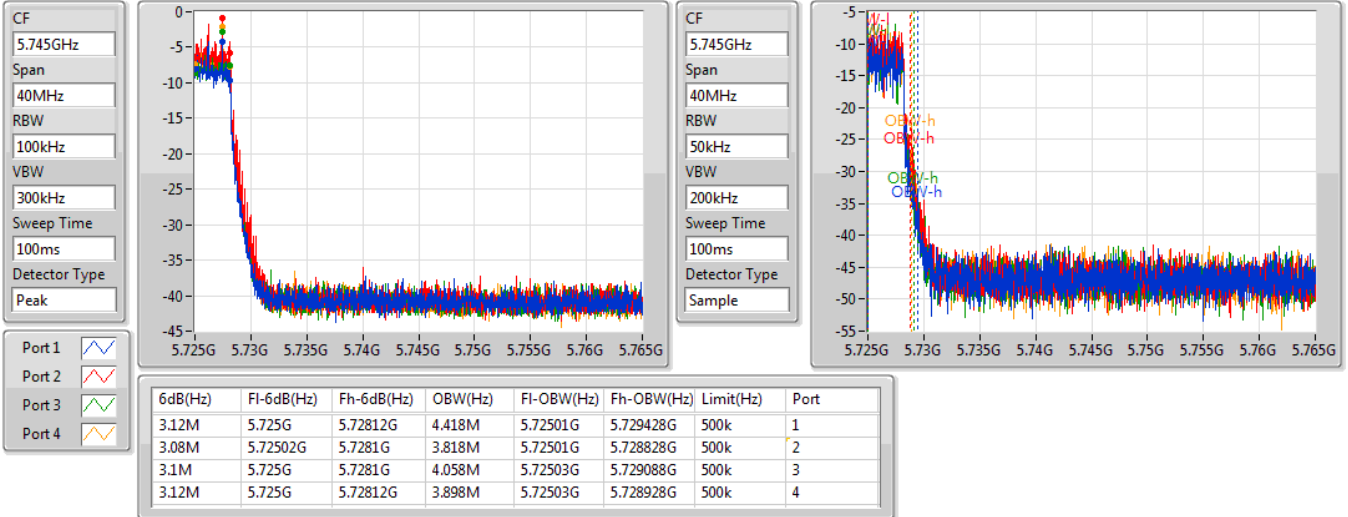
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.385M	5.689615G	5.725G	33.058M	5.691749G	5.724808G	Inf	1
34.86M	5.69014G	5.725G	33.023M	5.691784G	5.724808G	Inf	2
35M	5.69G	5.725G	33.093M	5.691784G	5.724878G	Inf	3
34.93M	5.69007G	5.725G	33.058M	5.691784G	5.724843G	Inf	4

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

EBW

5710MHz Straddle 5.725-5.85GHz

01/11/2019

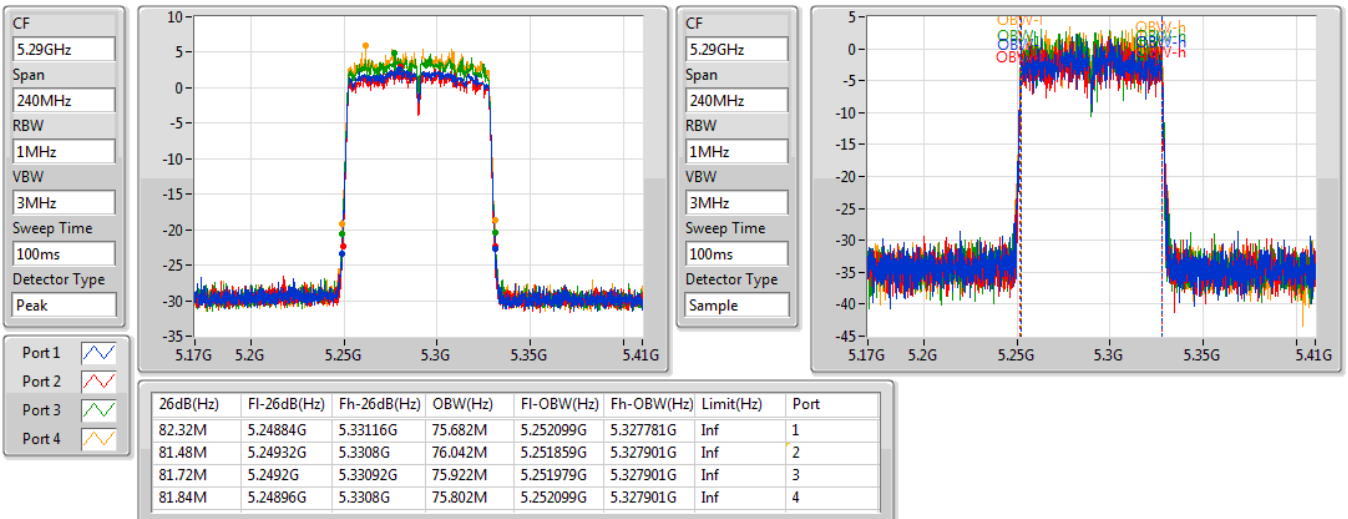


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5290MHz

01/11/2019



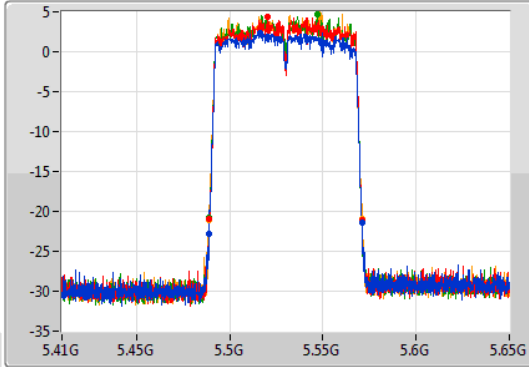
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

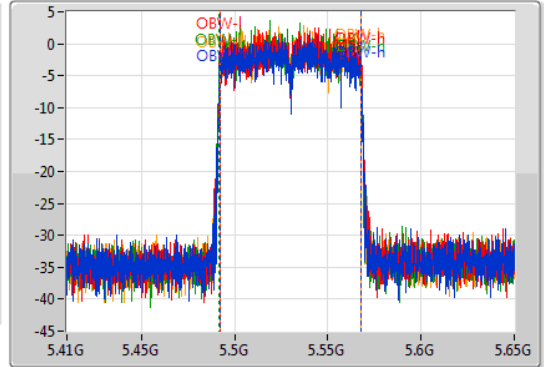
5530MHz

01/11/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48884G	5.57116G	75.802M	5.491979G	5.567781G	Inf	1
81.96M	5.48908G	5.57104G	75.922M	5.491979G	5.567901G	Inf	2
81.6M	5.4892G	5.5708G	76.042M	5.491859G	5.567901G	Inf	3
82.2M	5.48884G	5.57104G	75.802M	5.491979G	5.567781G	Inf	4

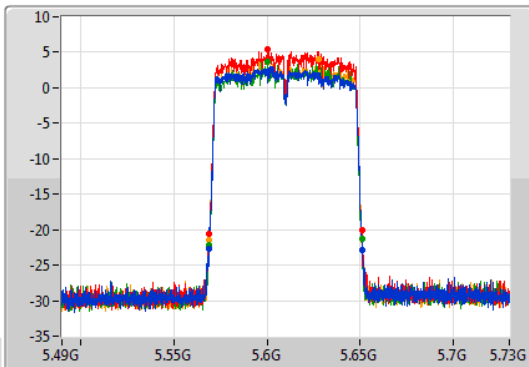
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

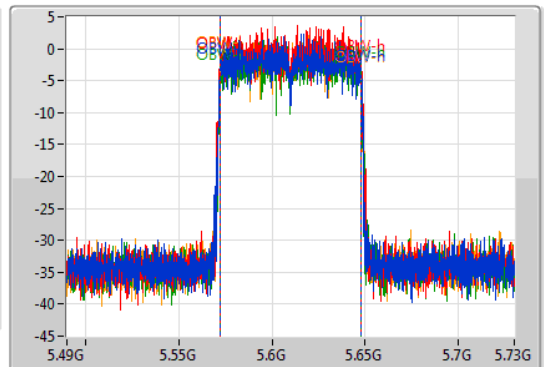
5610MHz

01/11/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

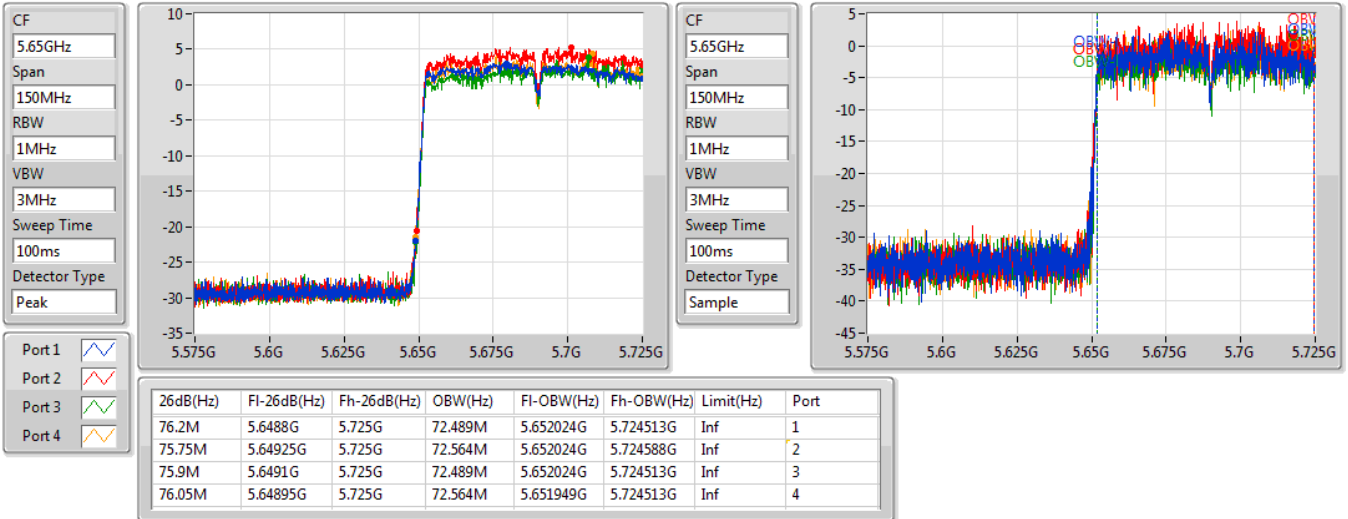
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.56884G	5.65116G	75.922M	5.571979G	5.647901G	Inf	1
81.84M	5.5692G	5.65104G	75.802M	5.572099G	5.647901G	Inf	2
81.6M	5.5692G	5.6508G	75.802M	5.571979G	5.647781G	Inf	3
81.96M	5.56884G	5.6508G	75.802M	5.571979G	5.647781G	Inf	4

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

EBW

5690MHz Straddle 5.47-5.725GHz

01/11/2019

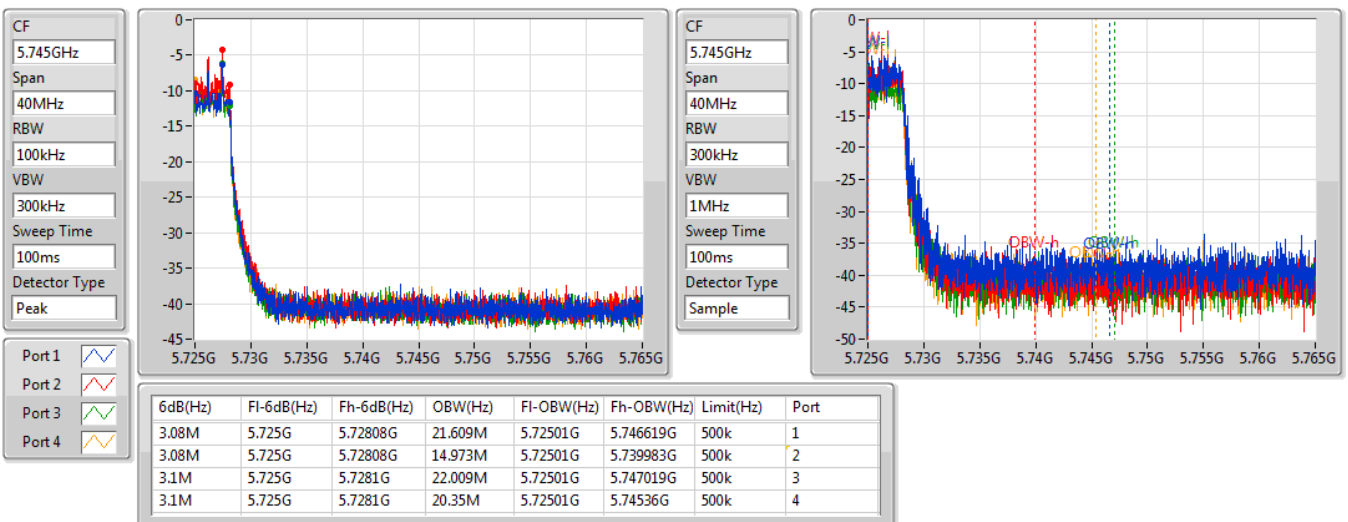


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/11/2019

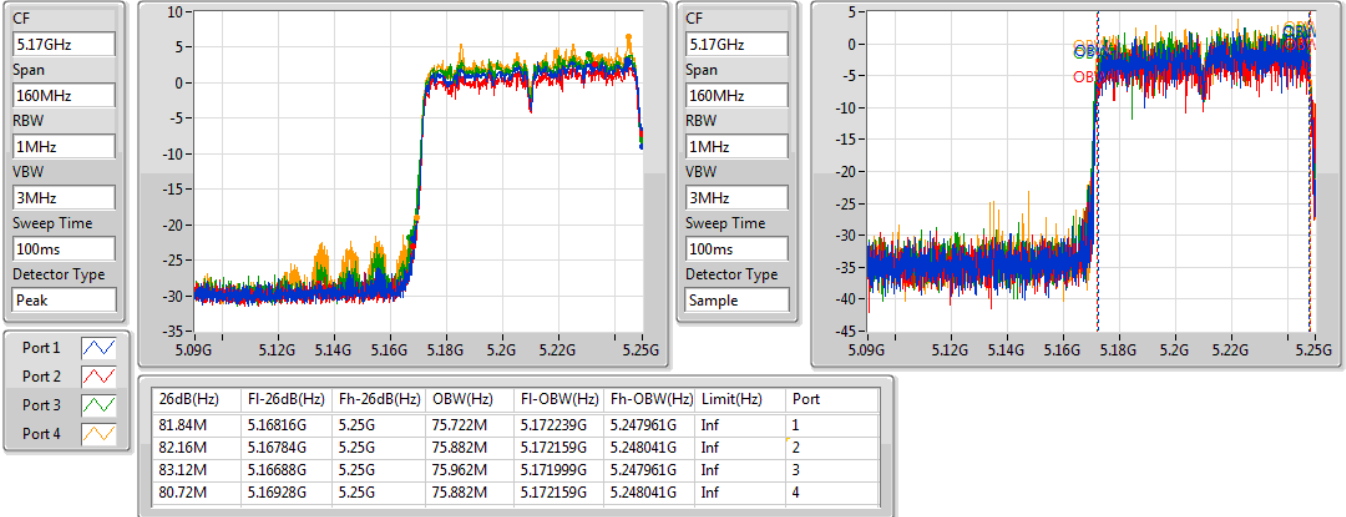


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

01/11/2019

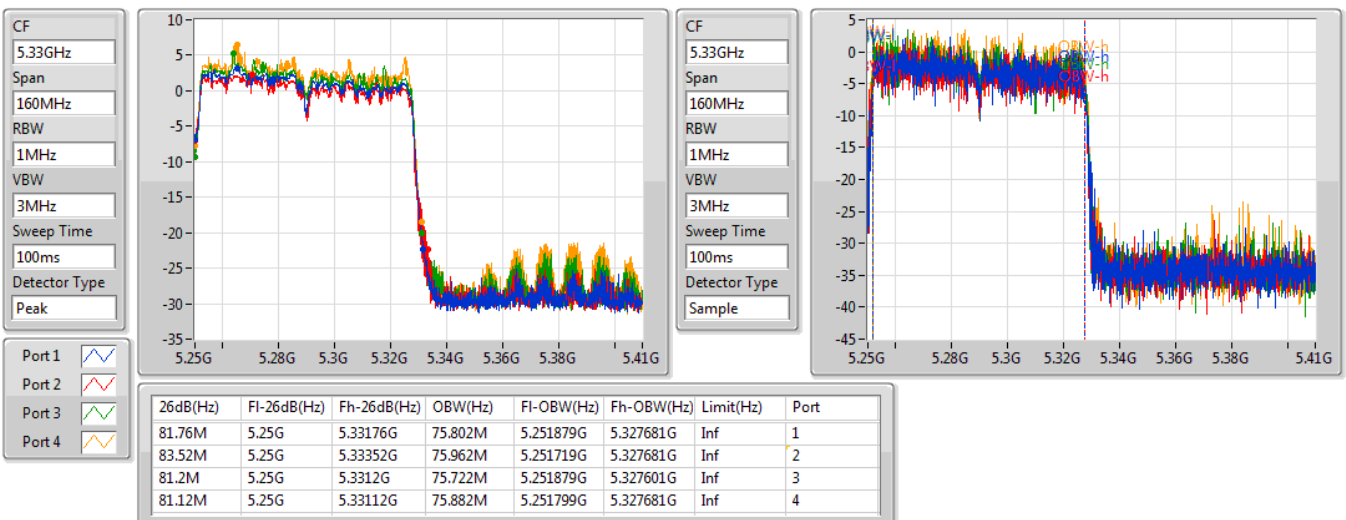


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

01/11/2019





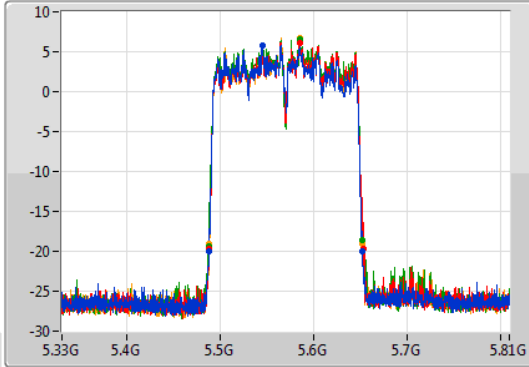
802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

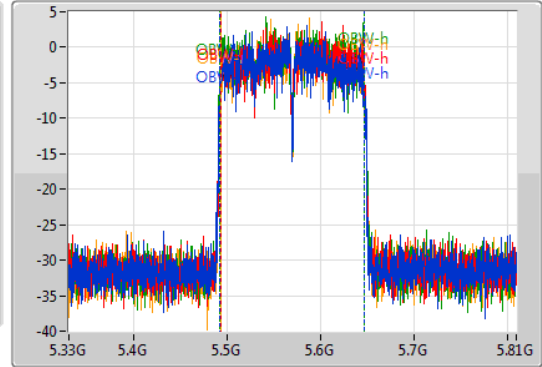
5570MHz

01/11/2019

CF  
5.57GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.57GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	5.48744G	5.65232G	154.723M	5.492279G	5.647001G	Inf	1
166.08M	5.48792G	5.654G	154.723M	5.492519G	5.647241G	Inf	2
164.88M	5.4872G	5.65208G	154.723M	5.492279G	5.647001G	Inf	3
164.64M	5.48792G	5.65256G	154.243M	5.492759G	5.647001G	Inf	4

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

EBW

5260MHz

01/11/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.24911G	5.27083G	18.981M	5.250435G	5.269415G	Inf	1
21.6M	5.24926G	5.27086G	18.981M	5.250465G	5.269445G	Inf	2
21.63M	5.24914G	5.27077G	18.981M	5.250435G	5.269415G	Inf	3
21.78M	5.24917G	5.27095G	18.981M	5.250465G	5.269445G	Inf	4



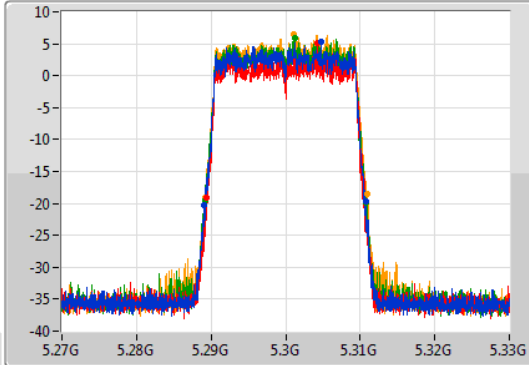
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

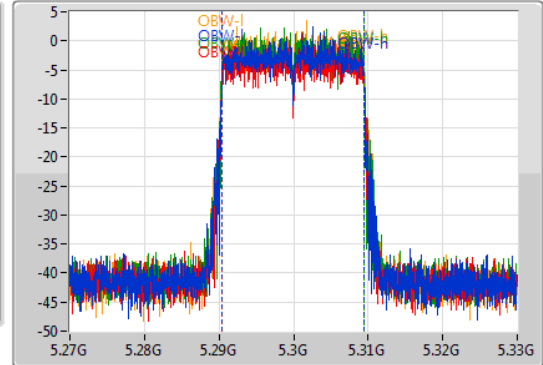
5300MHz

01/11/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.28908G	5.31071G	18.951M	5.290435G	5.309385G	Inf	1
21.36M	5.28935G	5.31071G	18.981M	5.290435G	5.309415G	Inf	2
21.72M	5.28914G	5.31086G	18.981M	5.290435G	5.309415G	Inf	3
21.81M	5.28914G	5.31095G	18.951M	5.290465G	5.309415G	Inf	4

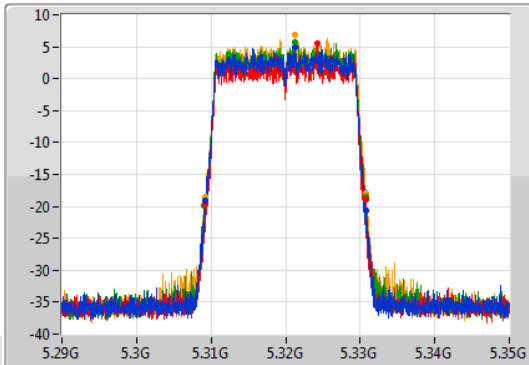
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

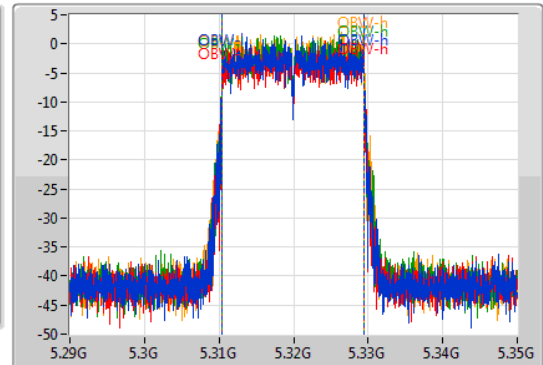
5320MHz

01/11/2019

CF  
5.32GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.30914G	5.33071G	18.951M	5.310465G	5.329415G	Inf	1
21.45M	5.30929G	5.33074G	18.951M	5.310465G	5.329415G	Inf	2
21.6M	5.30911G	5.33071G	18.981M	5.310435G	5.329415G	Inf	3
21.66M	5.3092G	5.33086G	18.981M	5.310465G	5.329445G	Inf	4

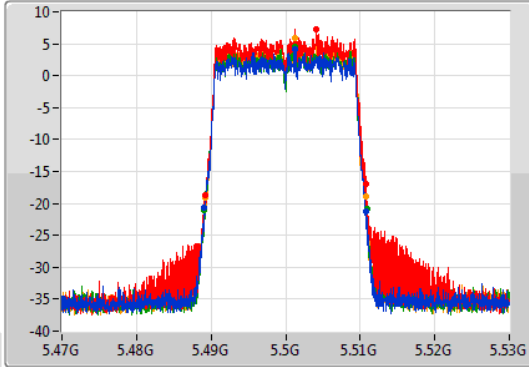
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

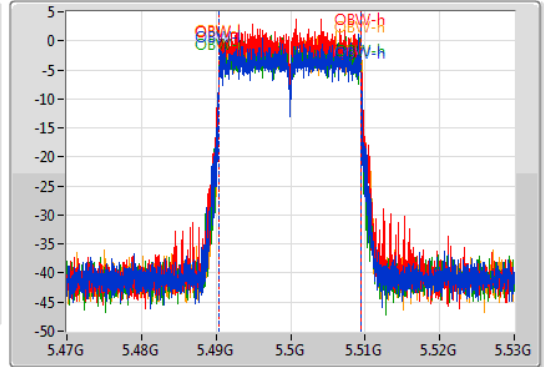
5500MHz

01/11/2019

CF: 5.5GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.5GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.48911G	5.5108G	18.981M	5.490435G	5.509415G	Inf	1
21.6M	5.48917G	5.51077G	18.951M	5.490465G	5.509415G	Inf	2
21.84M	5.48905G	5.51089G	18.981M	5.490435G	5.509415G	Inf	3
21.63M	5.4892G	5.51083G	19.04M	5.490465G	5.509505G	Inf	4

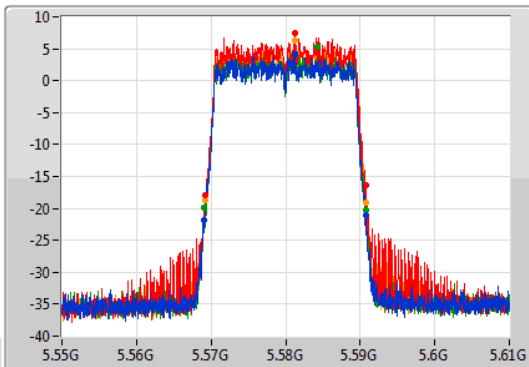
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

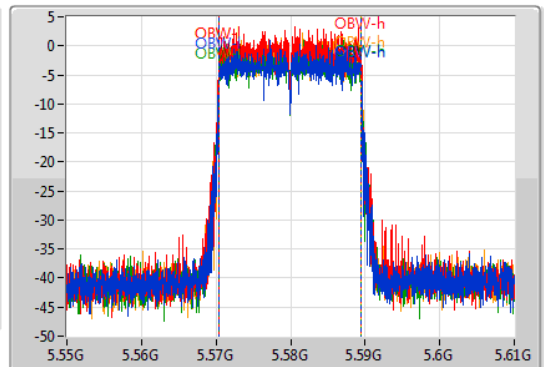
5580MHz

01/11/2019

CF: 5.58GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.58GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.56899G	5.5908G	19.01M	5.570435G	5.589445G	Inf	1
21.45M	5.56929G	5.59074G	18.981M	5.570435G	5.589415G	Inf	2
21.75M	5.56908G	5.59083G	18.951M	5.570465G	5.589415G	Inf	3
21.69M	5.56914G	5.59083G	18.981M	5.570465G	5.589445G	Inf	4

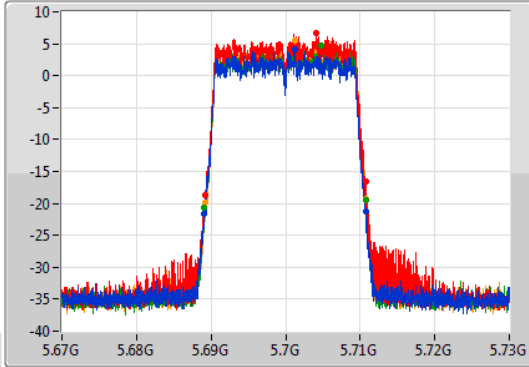
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5700MHz

01/11/2019

CF: 5.7GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.7GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.68908G	5.71074G	18.981M	5.690435G	5.709415G	Inf	1
21.57M	5.6892G	5.71077G	18.981M	5.690435G	5.709415G	Inf	2
21.66M	5.68911G	5.71077G	18.981M	5.690465G	5.709445G	Inf	3
21.69M	5.68917G	5.71086G	18.981M	5.690465G	5.709445G	Inf	4

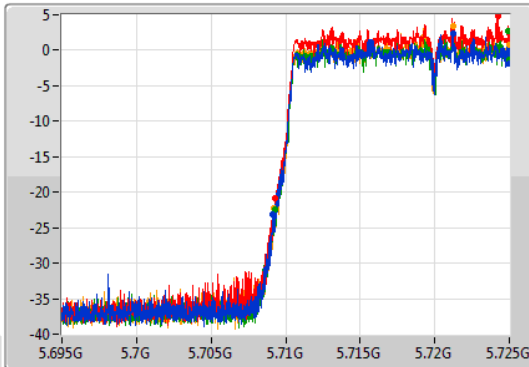
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

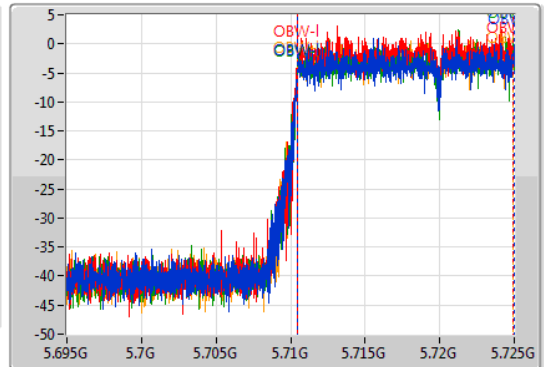
5720MHz Straddle 5.47-5.725GHz

01/11/2019

CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

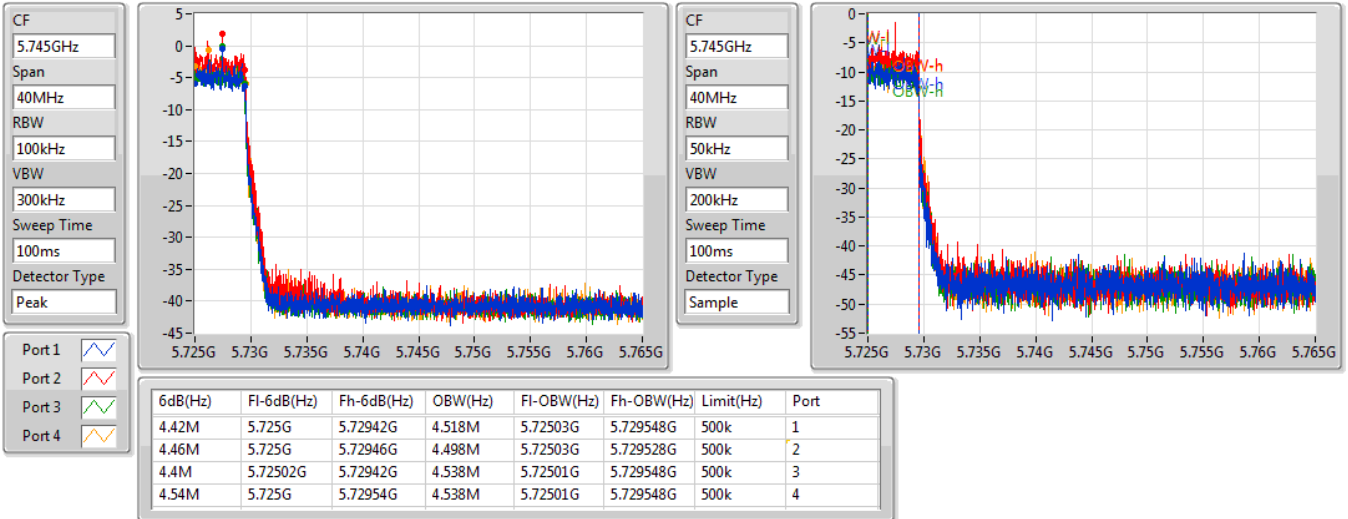
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.87M	5.70913G	5.725G	14.543M	5.71042G	5.724963G	Inf	1
15.675M	5.709325G	5.725G	14.483M	5.710435G	5.724918G	Inf	2
15.705M	5.709295G	5.725G	14.498M	5.71042G	5.724918G	Inf	3
15.78M	5.70922G	5.725G	14.498M	5.710435G	5.724933G	Inf	4

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

EBW

5720MHz Straddle 5.725-5.85GHz

01/11/2019

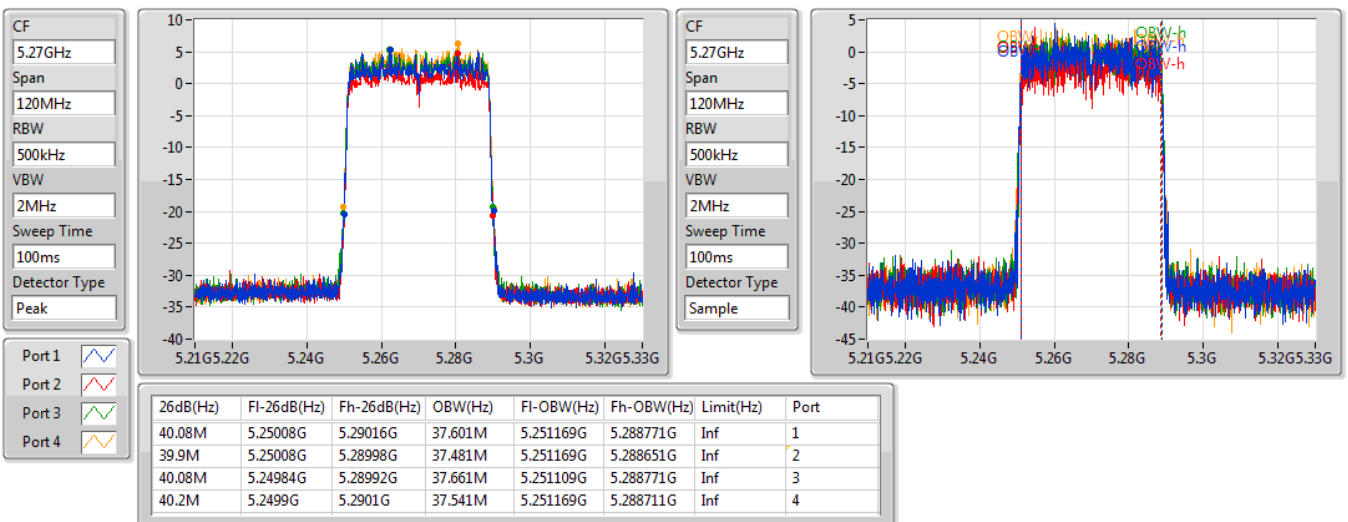


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5270MHz

01/11/2019



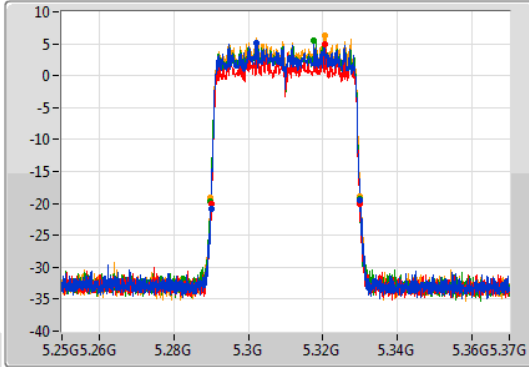
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

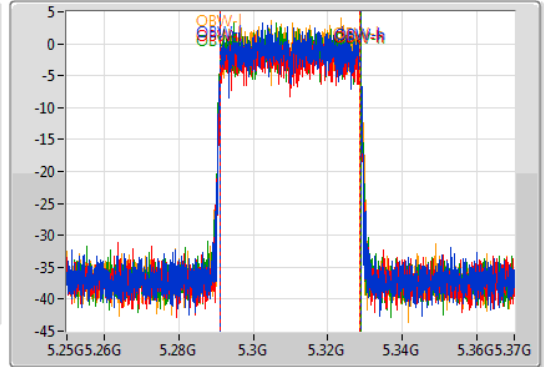
5310MHz

01/11/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.31GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.28996G	5.33004G	37.601M	5.291169G	5.328771G	Inf	1
39.9M	5.29008G	5.32998G	37.541M	5.291169G	5.328711G	Inf	2
40.02M	5.2899G	5.32992G	37.601M	5.291169G	5.328771G	Inf	3
40.14M	5.2899G	5.33004G	37.541M	5.291169G	5.328711G	Inf	4

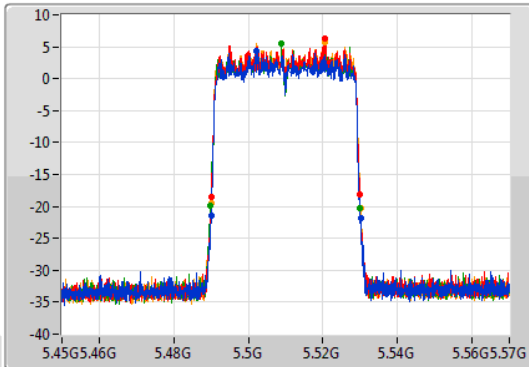
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

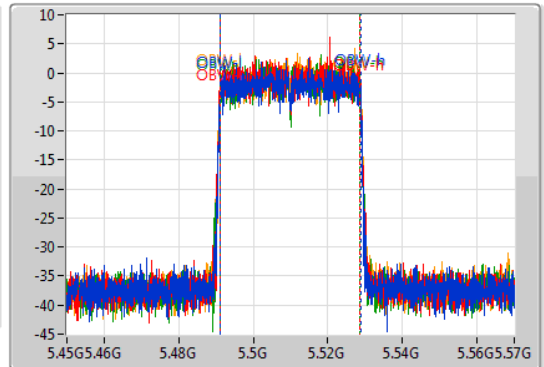
5510MHz

01/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.51GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.49002G	5.53016G	37.601M	5.491169G	5.528771G	Inf	1
39.84M	5.49008G	5.52992G	37.601M	5.491109G	5.528711G	Inf	2
40.14M	5.4899G	5.53004G	37.541M	5.491109G	5.528651G	Inf	3
40.14M	5.48996G	5.5301G	37.601M	5.491109G	5.528711G	Inf	4

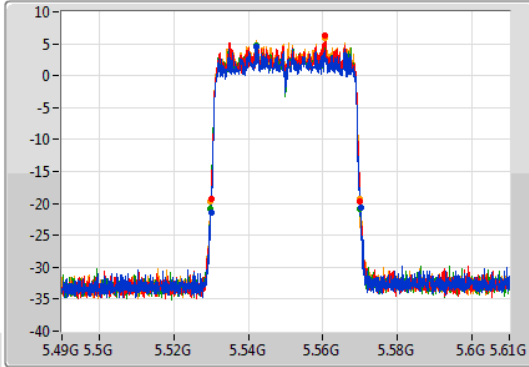
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

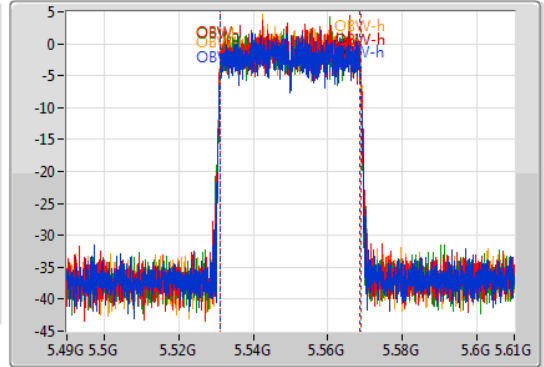
5550MHz

01/11/2019

CF: 5.55GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.55GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.52996G	5.5701G	37.481M	5.531169G	5.568651G	Inf	1
39.9M	5.53002G	5.56992G	37.601M	5.531169G	5.568771G	Inf	2
40.14M	5.52984G	5.56998G	37.661M	5.531109G	5.568771G	Inf	3
40.08M	5.5299G	5.56998G	37.661M	5.531109G	5.568771G	Inf	4

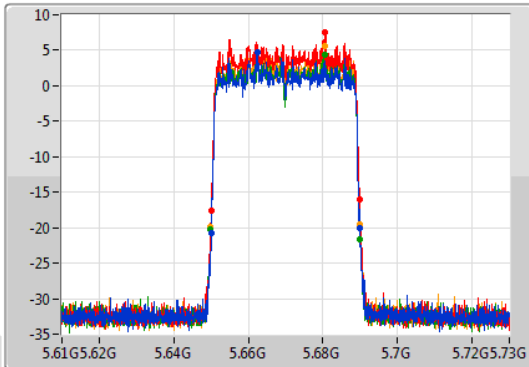
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

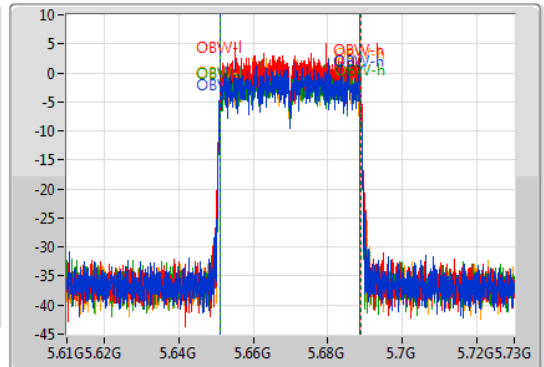
5670MHz

01/11/2019

CF: 5.67GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.67GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Sample



Port 1: [Waveform icon]  
 Port 2: [Waveform icon]  
 Port 3: [Waveform icon]  
 Port 4: [Waveform icon]

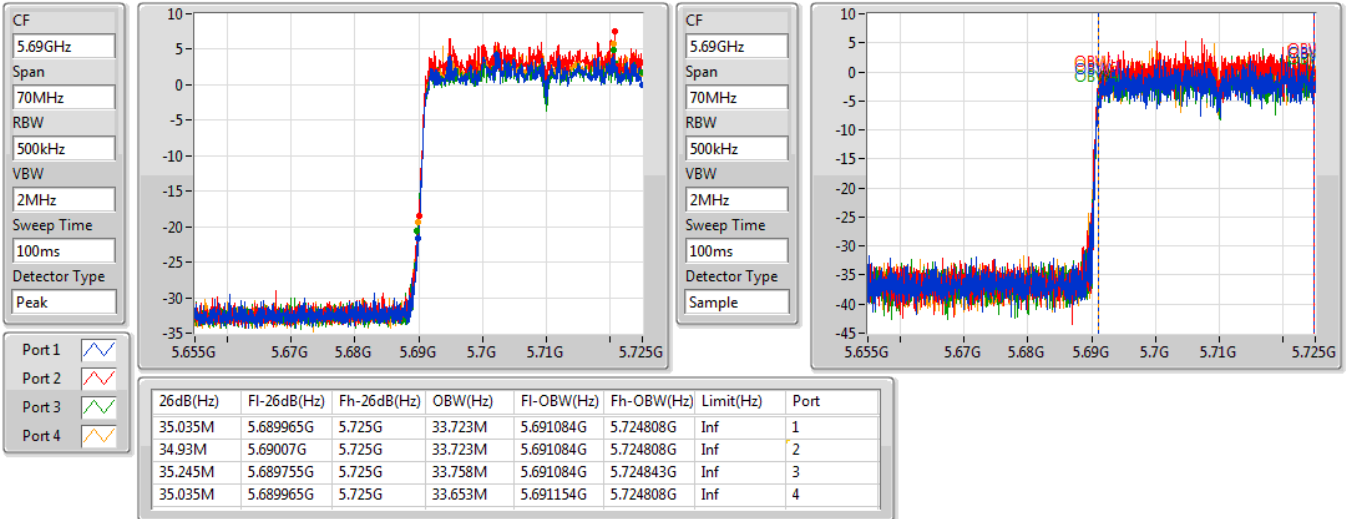
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.65002G	5.68998G	37.541M	5.651109G	5.688651G	Inf	1
39.78M	5.65008G	5.68986G	37.601M	5.651109G	5.688711G	Inf	2
40.2M	5.64984G	5.69004G	37.661M	5.651109G	5.688771G	Inf	3
40.14M	5.6499G	5.69004G	37.601M	5.651169G	5.688771G	Inf	4

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

EBW

5710MHz Straddle 5.47-5.725GHz

01/11/2019

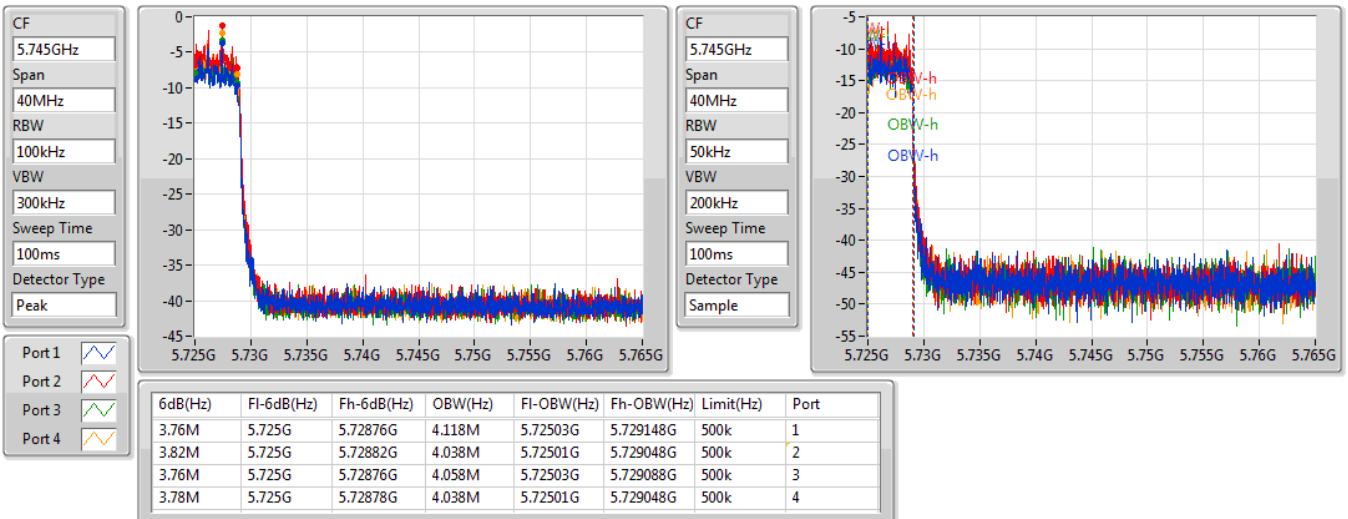


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

01/11/2019





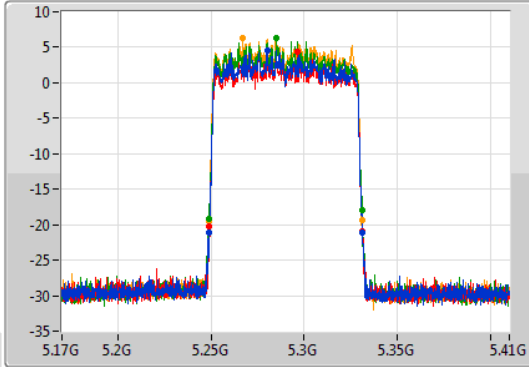
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

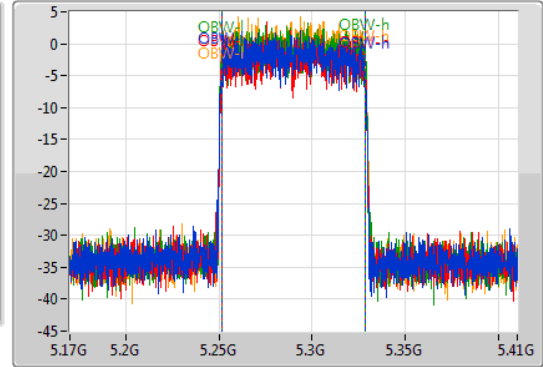
5290MHz

01/11/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.29GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24896G	5.33128G	77.001M	5.251379G	5.328381G	Inf	1
82.32M	5.24908G	5.3314G	77.121M	5.251379G	5.328501G	Inf	2
82.2M	5.24884G	5.33104G	77.241M	5.251259G	5.328501G	Inf	3
81.96M	5.24896G	5.33092G	77.001M	5.251379G	5.328381G	Inf	4

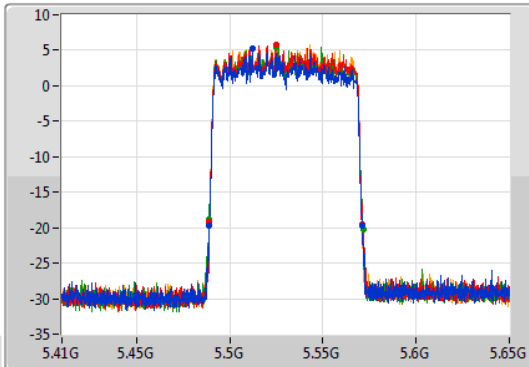
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

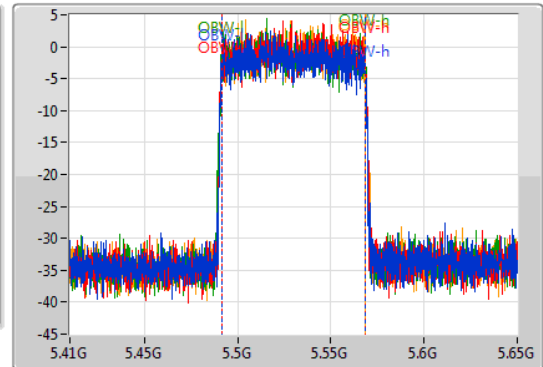
5530MHz

01/11/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48896G	5.57116G	77.121M	5.491259G	5.568381G	Inf	1
82.08M	5.4892G	5.57128G	77.121M	5.491379G	5.568501G	Inf	2
82.92M	5.48896G	5.57188G	77.361M	5.491259G	5.568621G	Inf	3
81.96M	5.48908G	5.57104G	77.241M	5.491259G	5.568501G	Inf	4

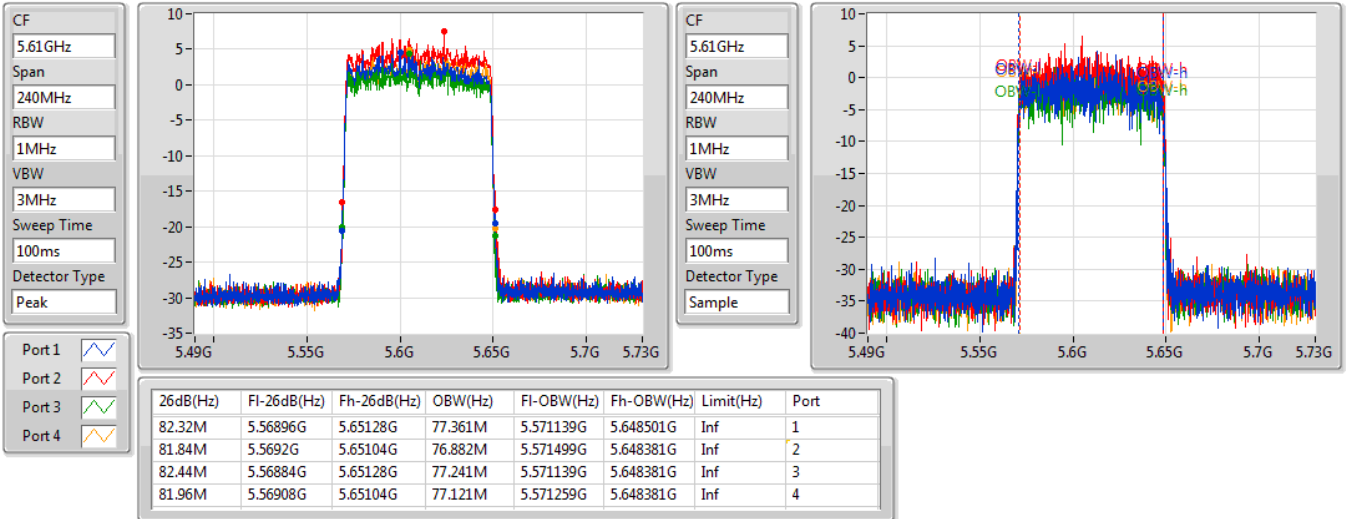


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5610MHz

01/11/2019

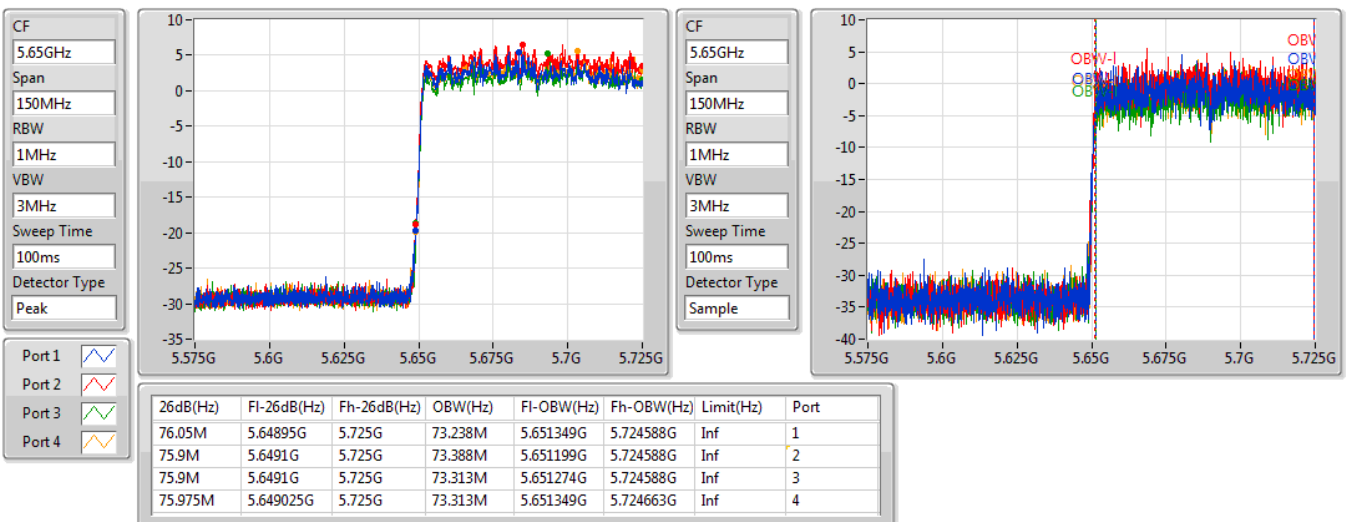


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

01/11/2019

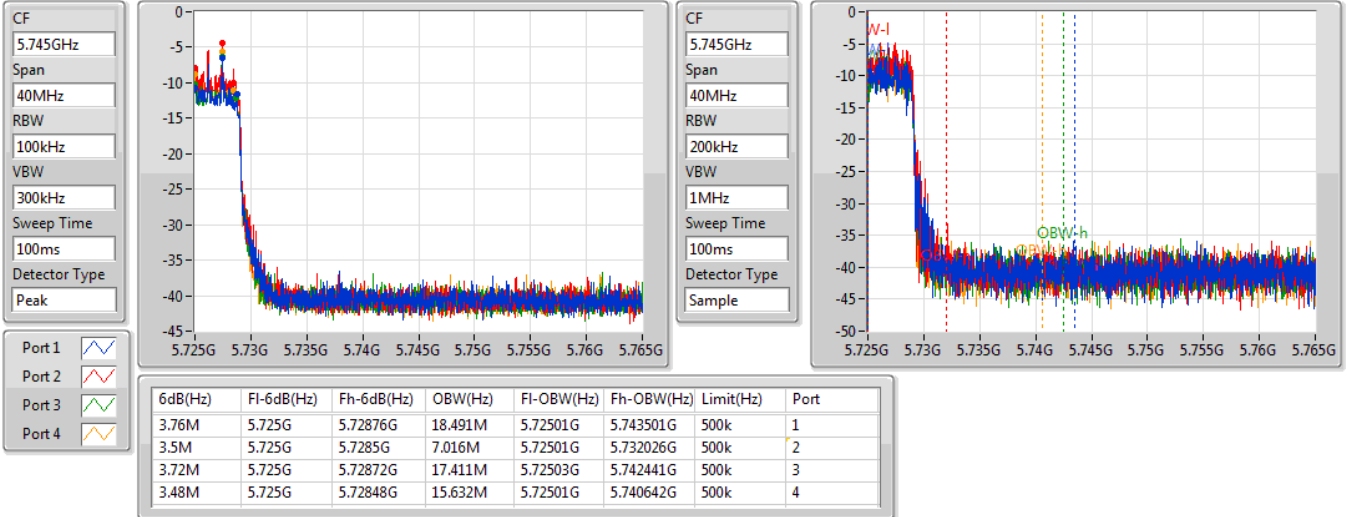


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/11/2019

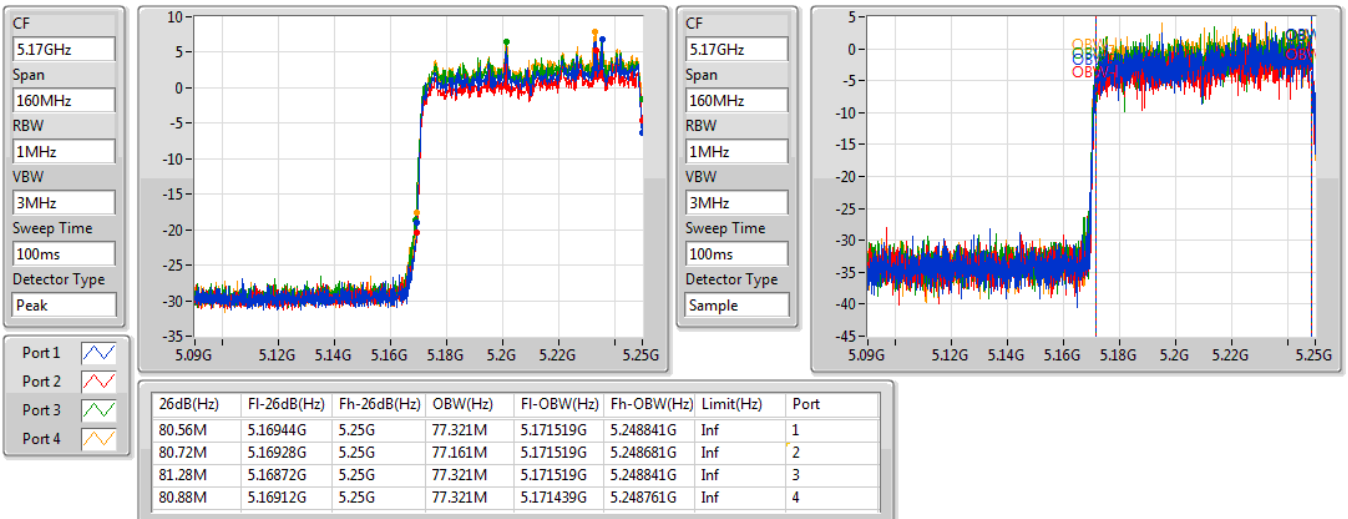


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

01/11/2019

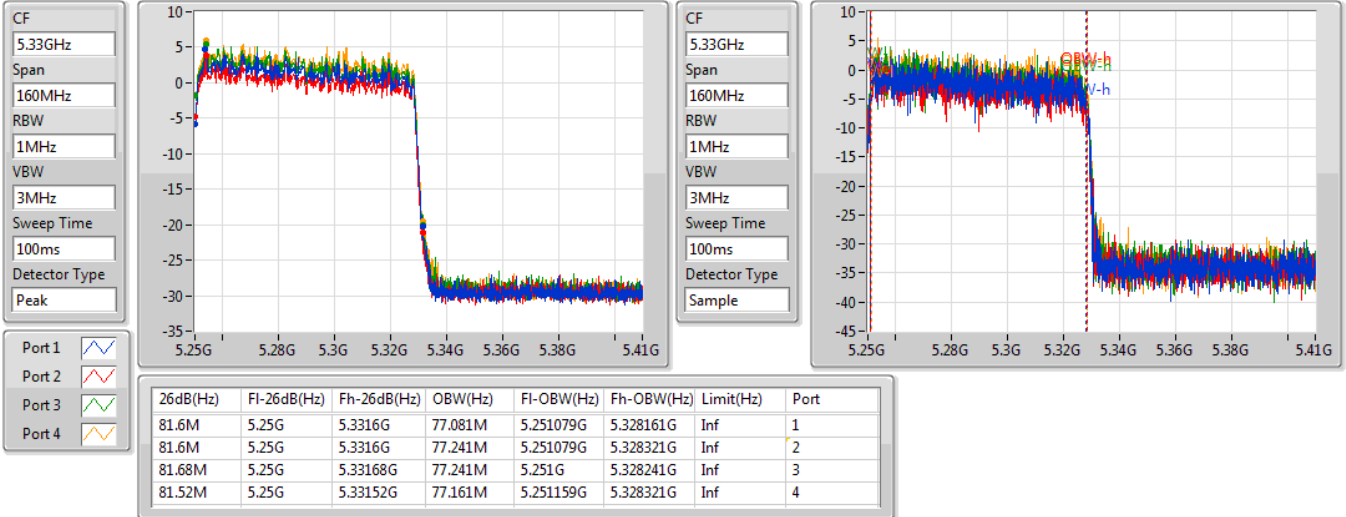


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

01/11/2019

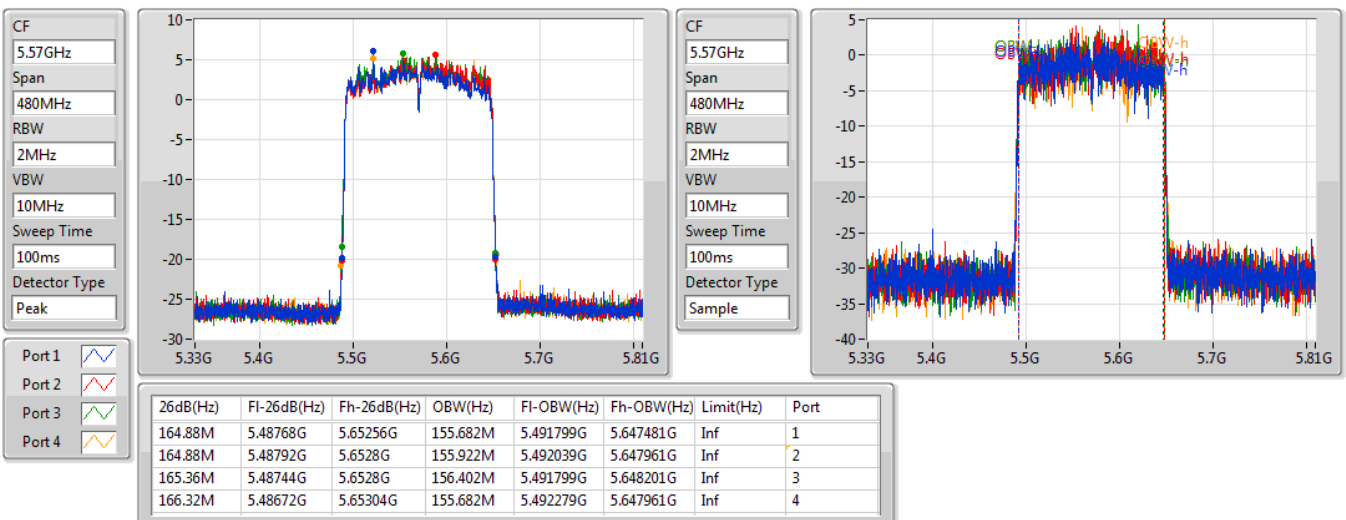


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5570MHz

01/11/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	82.4M	76.042M	76MOD1D	80.88M	75.802M
802.11ax HEW160_Nss4,(MCS0)_4TX	81.44M	77.241M	77M2D1D	80.88M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.81M	17.781M	17M8D1D	21.39M	17.691M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.14M	36.402M	36M4D1D	39.78M	36.162M
802.11ac VHT80_Nss4,(MCS0)_4TX	81.96M	75.922M	75M9D1D	81M	75.682M
802.11ac VHT160_Nss4,(MCS0)_4TX	82.64M	75.962M	76MOD1D	81.92M	75.802M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.9M	19.01M	19MOD1D	21.15M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.08M	37.601M	37M6D1D	39.72M	37.421M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.96M	77.241M	77M2D1D	80.76M	76.882M
802.11ax HEW160_Nss4,(MCS0)_4TX	82.96M	77.241M	77M2D1D	81.28M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	22.98M	17.781M	17M8D1D	15.705M	13.883M
802.11ac VHT40_Nss4,(MCS0)_4TX	43.8M	36.402M	36M4D1D	34.965M	32.989M
802.11ac VHT80_Nss4,(MCS0)_4TX	94.08M	76.042M	76MOD1D	75.6M	72.564M
802.11ac VHT160_Nss4,(MCS0)_4TX	165.6M	154.483M	154MD1D	164.64M	154.243M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.99M	19.04M	19MOD1D	15.6M	14.513M
802.11ax HEW40_Nss4,(MCS0)_4TX	41.34M	37.721M	37M7D1D	35M	33.653M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.96M	77.241M	77M2D1D	75.375M	73.238M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.36M	155.682M	156MD1D	163.44M	155.202M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	3.72M	4.278M	4M28D1D	3.64M	4.098M
802.11ac VHT40_Nss4,(MCS0)_4TX	3.1M	3.978M	3M98D1D	3.06M	3.598M
802.11ac VHT80_Nss4,(MCS0)_4TX	3.1M	8.096M	8M10D1D	2.82M	4.358M
802.11ax HEW20_Nss4,(MCS0)_4TX	4.38M	4.498M	4M50D1D	4.3M	4.478M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.88M	4.198M	4M20D1D	3.66M	3.978M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.74M	7.996M	8M00D1D	2.26M	4.078M

**Max-N dB** = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;  
**Max-OBW** = Maximum 99% occupied bandwidth;  
**Min-N dB** = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;  
**Min-OBW** = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	17.721M	21.6M	17.691M	21.72M	17.751M	21.6M	17.691M
5300MHz	Pass	Inf	21.75M	17.781M	21.48M	17.751M	21.81M	17.751M	21.42M	17.691M
5320MHz	Pass	Inf	21.66M	17.751M	21.48M	17.721M	21.69M	17.691M	21.39M	17.691M
5500MHz	Pass	Inf	21.72M	17.721M	21.78M	17.781M	21.87M	17.721M	21.51M	17.691M
5580MHz	Pass	Inf	21.78M	17.721M	22.98M	17.751M	21.78M	17.751M	21.63M	17.721M
5700MHz	Pass	Inf	21.66M	17.751M	21.63M	17.721M	21.81M	17.721M	21.63M	17.691M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	13.913M	15.915M	13.928M	15.75M	13.913M	15.705M	13.883M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.64M	4.198M	3.7M	4.278M	3.72M	4.218M	3.72M	4.098M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.14M	36.342M	39.84M	36.162M	39.9M	36.342M	39.96M	36.222M
5310MHz	Pass	Inf	40.08M	36.282M	39.78M	36.402M	39.9M	36.162M	40.02M	36.282M
5510MHz	Pass	Inf	40.26M	36.282M	39.84M	36.402M	39.84M	36.282M	40.02M	36.342M
5550MHz	Pass	Inf	40.32M	36.282M	43.8M	36.222M	39.9M	36.342M	40.26M	36.282M
5670MHz	Pass	Inf	40.14M	36.282M	39.96M	36.282M	39.9M	36.162M	40.14M	36.402M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.023M	35M	32.989M	34.965M	33.093M	35.21M	33.093M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.598M	3.1M	3.978M	3.06M	3.618M	3.08M	3.618M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	75.802M	81.6M	75.802M	81M	75.922M	81.36M	75.682M
5530MHz	Pass	Inf	82.2M	75.682M	81.6M	75.682M	81.24M	76.042M	81.6M	75.802M
5610MHz	Pass	Inf	81.6M	75.562M	94.08M	75.802M	81.24M	75.922M	81.48M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	72.564M	75.6M	72.564M	75.675M	72.564M	75.675M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.04M	7.416M	3.1M	8.096M	2.82M	4.358M	3.08M	4.618M
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.4M	75.802M	82M	75.882M	80.88M	75.802M	81.36M	76.042M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	75.882M	81.92M	75.802M	82.24M	75.962M	82.64M	75.802M
5570MHz	Pass	Inf	165.12M	154.483M	164.88M	154.483M	164.64M	154.243M	165.6M	154.483M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.33M	18.981M	21.84M	18.951M	21.45M	18.981M	21.75M	18.951M
5300MHz	Pass	Inf	21.39M	19.01M	21.9M	18.981M	21.48M	18.981M	21.72M	18.951M
5320MHz	Pass	Inf	21.15M	18.981M	21.81M	18.981M	21.27M	19.01M	21.72M	18.951M
5500MHz	Pass	Inf	21.27M	18.981M	21.72M	18.981M	21.36M	18.951M	21.69M	19.01M
5580MHz	Pass	Inf	21.45M	18.951M	21.78M	19.04M	21.42M	19.01M	21.78M	18.981M
5700MHz	Pass	Inf	21.21M	18.981M	21.99M	19.01M	21.42M	19.01M	21.72M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.6M	14.513M	16.23M	14.513M	15.63M	14.513M	15.9M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.478M	4.38M	4.498M	4.32M	4.478M	4.32M	4.498M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	37.541M	40.02M	37.421M	39.72M	37.481M	39.96M	37.601M
5310MHz	Pass	Inf	39.96M	37.541M	40.02M	37.601M	40.08M	37.421M	40.08M	37.481M
5510MHz	Pass	Inf	40.02M	37.541M	40.02M	37.541M	39.9M	37.541M	40.14M	37.541M
5550MHz	Pass	Inf	39.9M	37.541M	41.34M	37.601M	39.78M	37.481M	40.02M	37.661M
5670MHz	Pass	Inf	39.96M	37.721M	40.14M	37.541M	39.66M	37.481M	40.08M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.245M	33.723M	35M	33.688M	35.035M	33.653M	35.035M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	3.998M	3.74M	4.198M	3.66M	3.978M	3.66M	3.998M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	76.882M	80.76M	77.241M	81.12M	77.121M	81.96M	76.882M
5530MHz	Pass	Inf	81.36M	76.882M	80.76M	76.882M	81.24M	76.882M	81.96M	76.882M
5610MHz	Pass	Inf	81.48M	77.001M	80.88M	77.241M	81.24M	77.001M	81.72M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.463M	75.375M	73.313M	75.675M	73.313M	75.525M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	2.26M	4.858M	3.72M	7.996M	3.42M	4.078M	3.74M	4.198M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	77.161M	80.96M	77.241M	81.36M	77.161M	81.44M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.88M	77.161M	82.96M	77.241M	81.28M	77.241M	81.68M	77.161M
5570MHz	Pass	Inf	165.36M	155.442M	164.88M	155.202M	163.44M	155.682M	165.36M	155.682M

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

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