

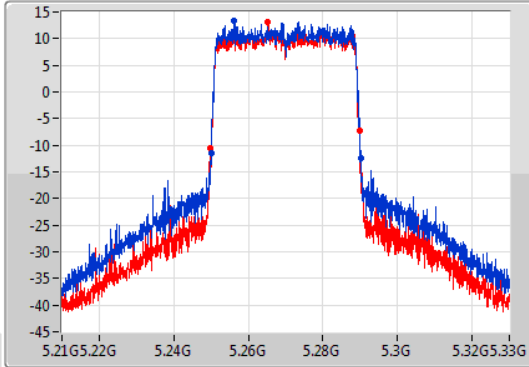
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

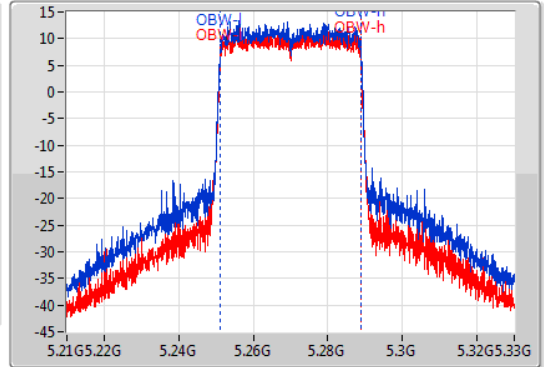
5270MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.24996G	5.29016G	37.541M	5.251229G	5.288771G	Inf	1
40.08M	5.24978G	5.28986G	37.541M	5.251229G	5.288771G	Inf	2

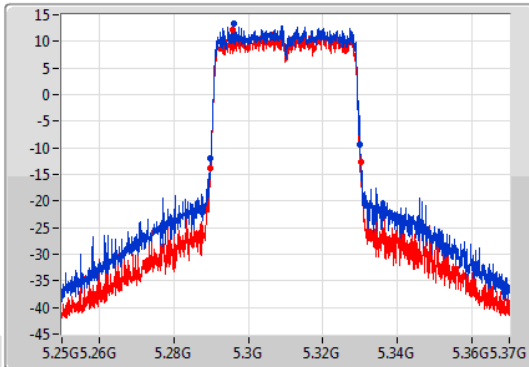
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

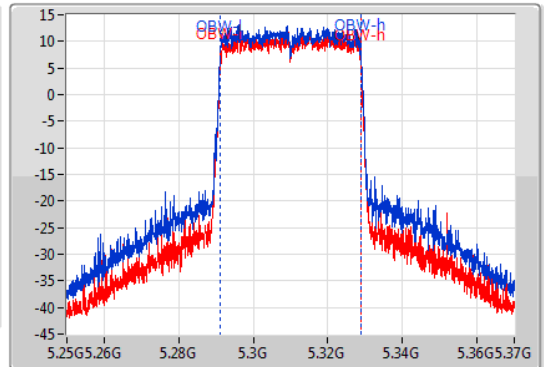
5310MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.2899G	5.33004G	37.601M	5.291229G	5.328831G	Inf	1
40.2M	5.2899G	5.3301G	37.541M	5.291229G	5.328771G	Inf	2

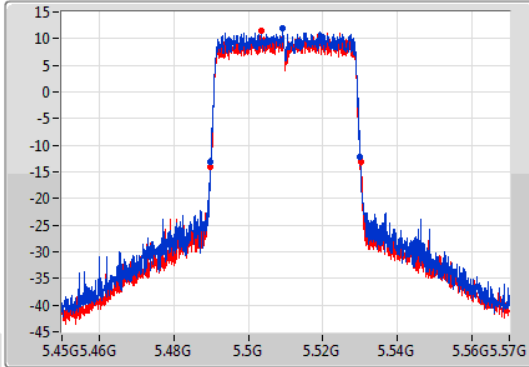
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

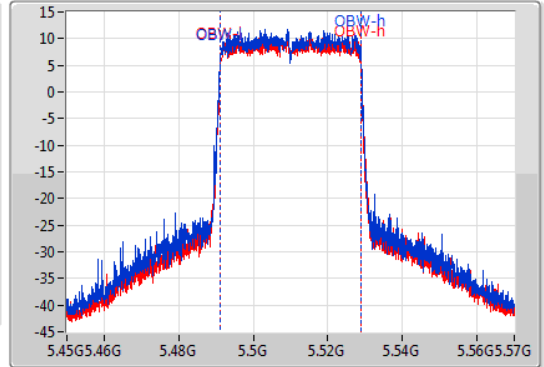
5510MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.4899G	5.53004G	37.541M	5.491229G	5.528771G	Inf	1
40.32M	5.4899G	5.53022G	37.541M	5.491229G	5.528771G	Inf	2

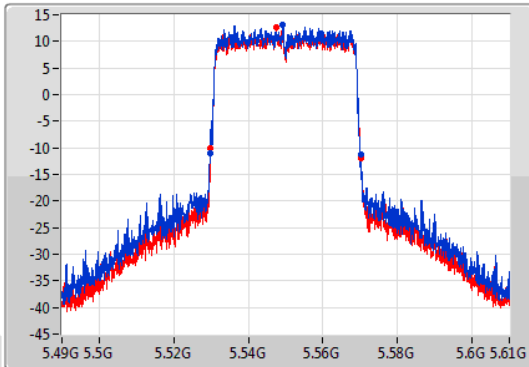
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

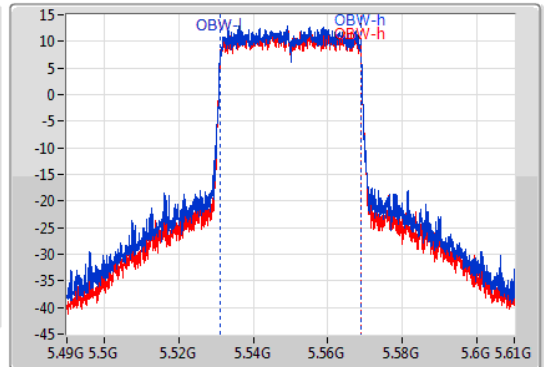
5550MHz

04/12/2019

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  
Peak



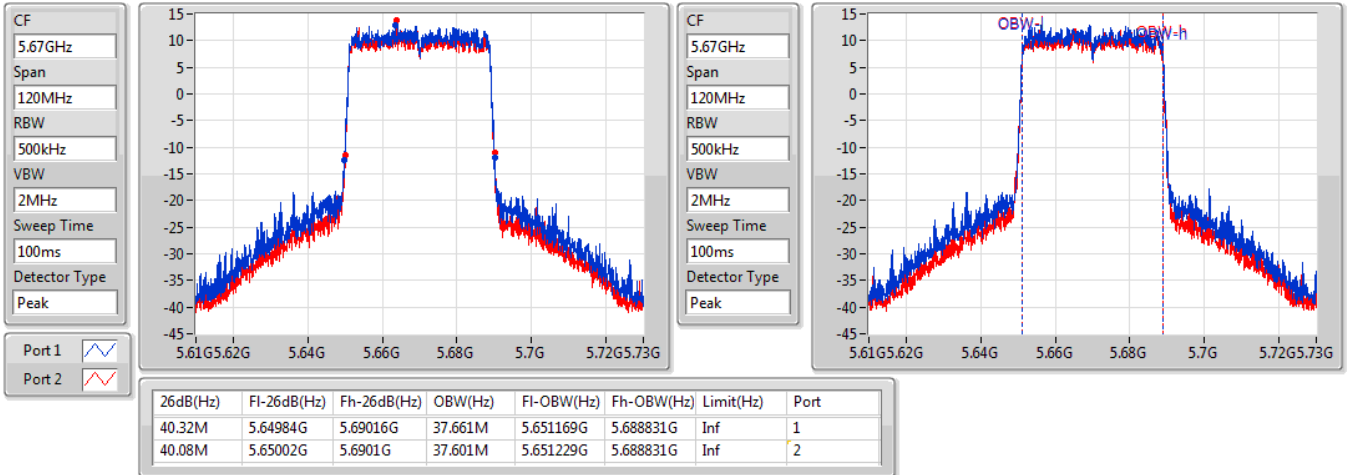
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.52966G	5.57016G	37.601M	5.531229G	5.568831G	Inf	1
40.32M	5.52984G	5.57016G	37.661M	5.531169G	5.568831G	Inf	2

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

EBW

5670MHz

04/12/2019

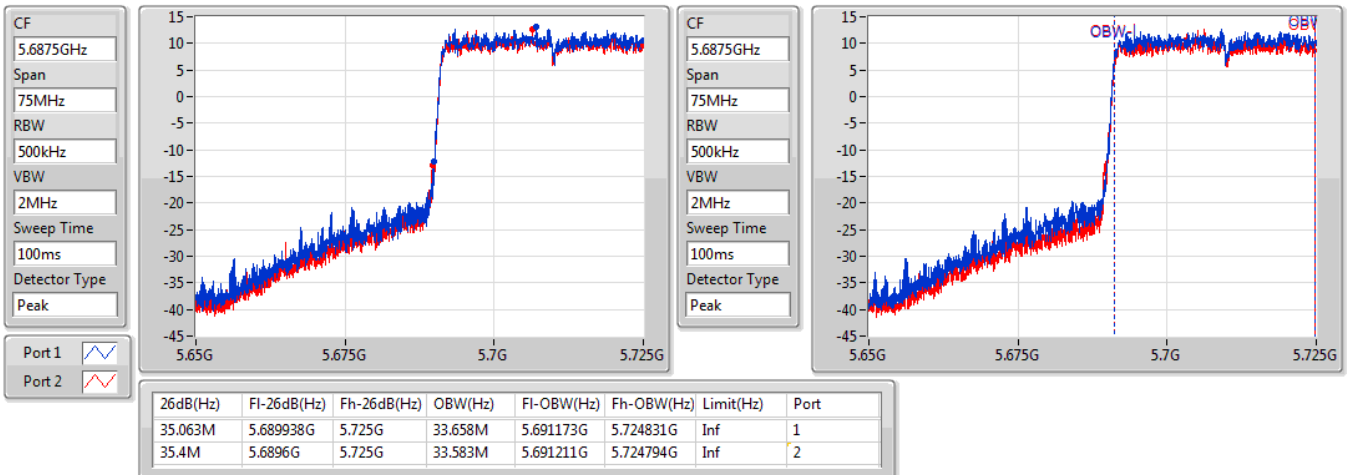


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

04/12/2019

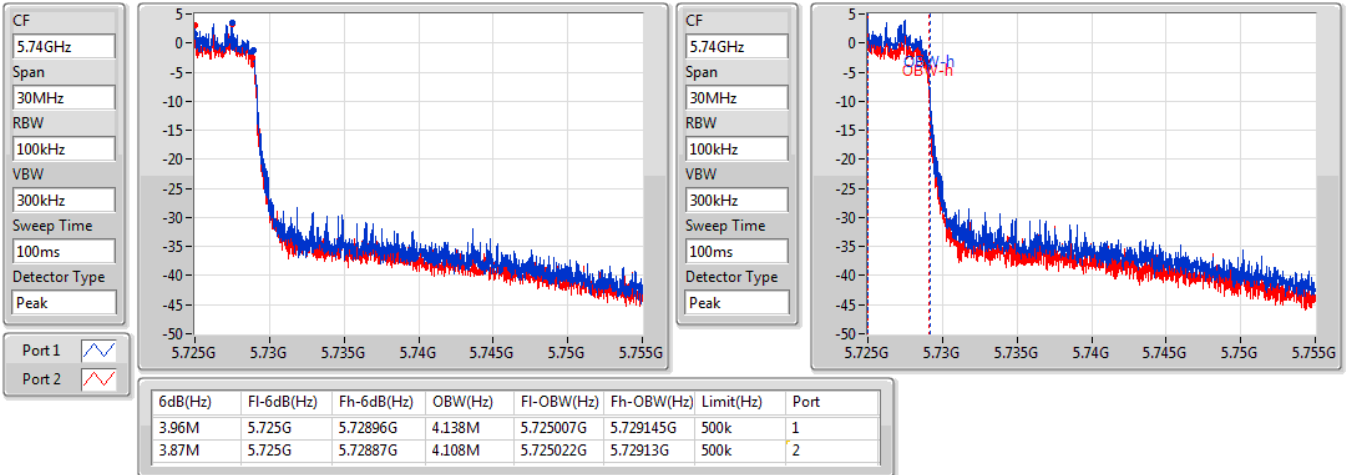


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

04/12/2019

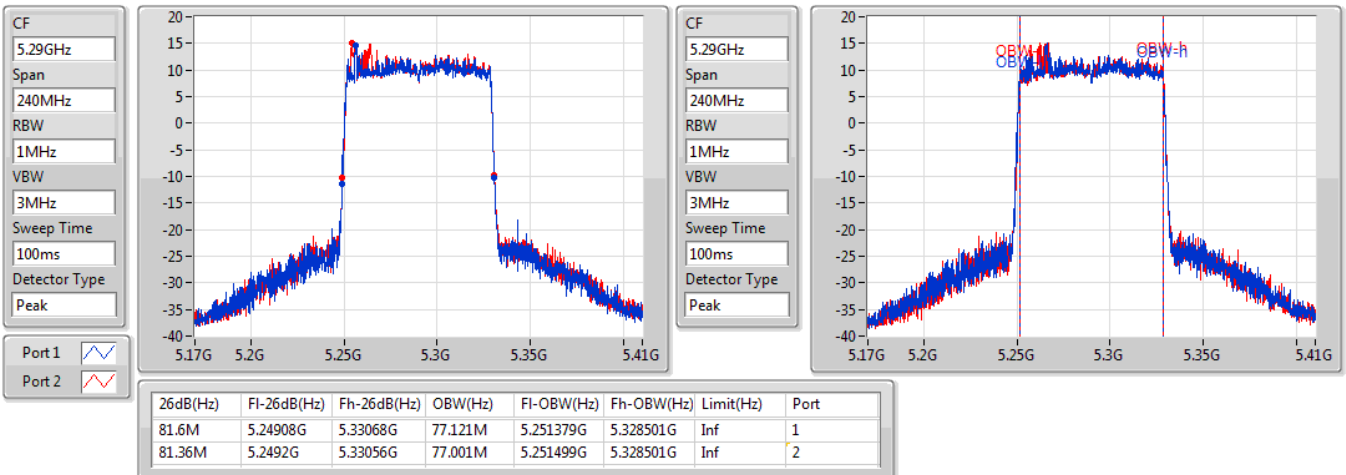


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5290MHz

04/12/2019



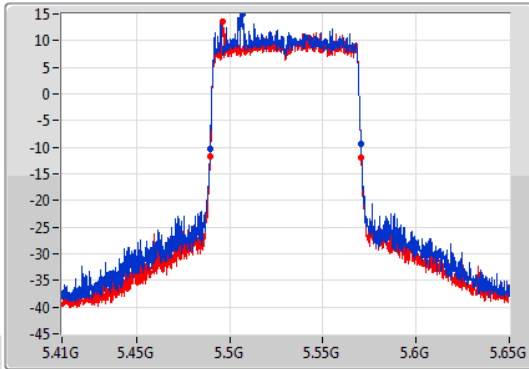
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

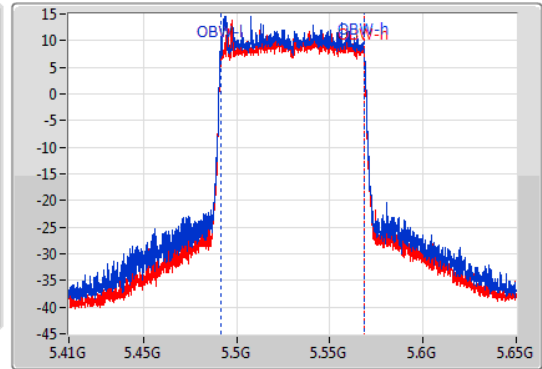
5530MHz

04/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.48956G	5.57044G	77.121M	5.491379G	5.568501G	Inf	1
81.12M	5.48956G	5.57068G	77.001M	5.491499G	5.568501G	Inf	2

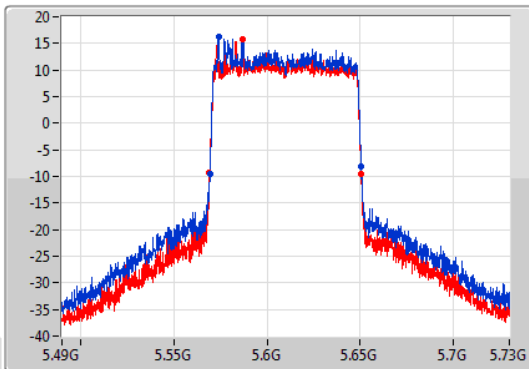
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

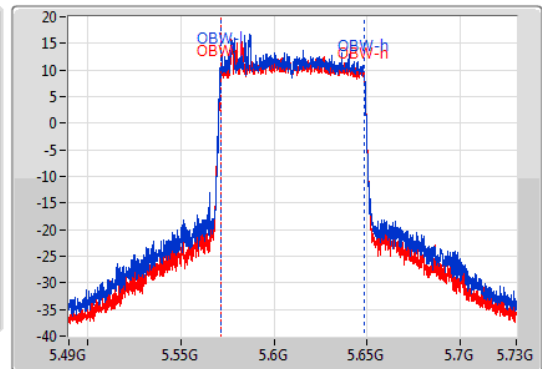
5610MHz

04/12/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



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



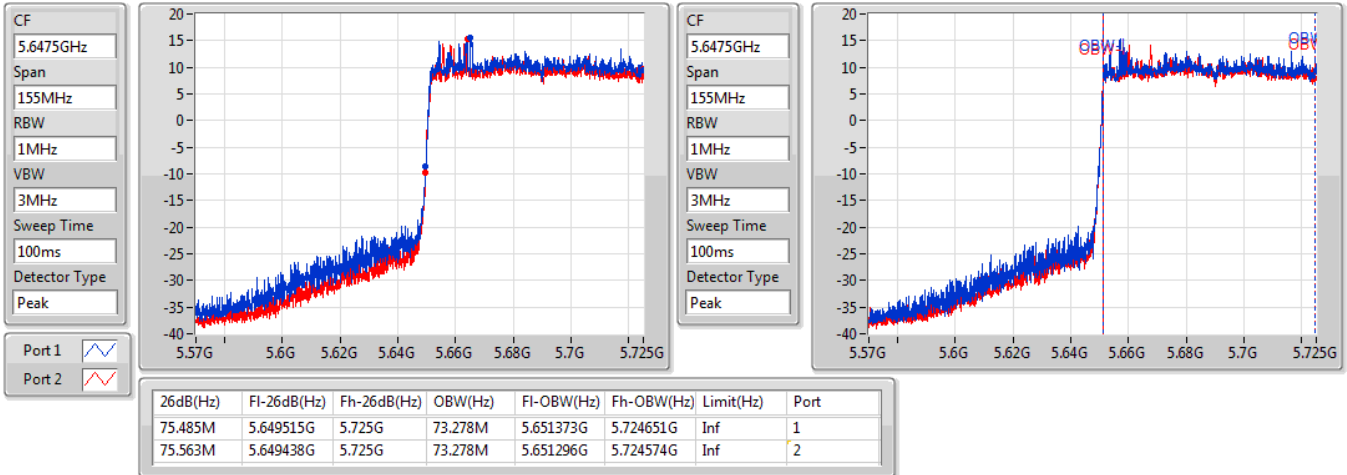
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.56944G	5.65056G	77.241M	5.571259G	5.648501G	Inf	1
81.24M	5.5692G	5.65044G	77.001M	5.571499G	5.648501G	Inf	2

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

EBW

5690MHz Straddle 5.47-5.725GHz

04/12/2019

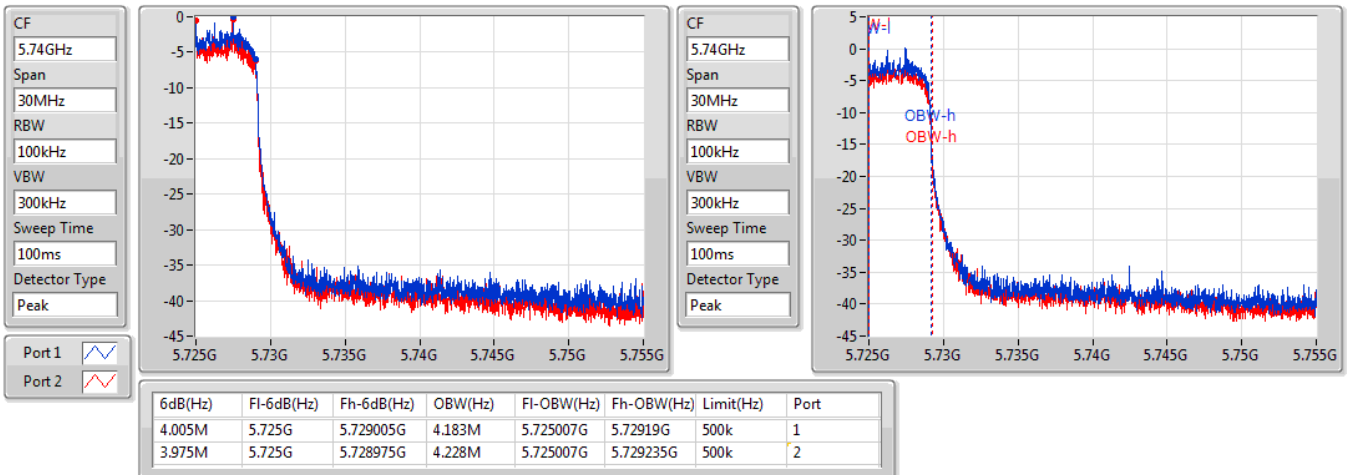


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/12/2019





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	83.28M	77.001M	77M0D1D	81.24M	76.522M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.84M	77.961M	78M0D1D	80.88M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.66M	17.901M	17M9D1D	21.36M	17.811M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.14M	36.462M	36M5D1D	39.78M	36.342M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	80.88M	75.682M	75M7D1D	80.52M	75.682M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	82.44M	76.882M	76M9D1D	81.84M	76.522M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.63M	19.13M	19M1D1D	21.24M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.86M	37.601M	37M6D1D	40.2M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.6M	77.121M	77M1D1D	80.88M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.04M	77.601M	77M6D1D	82.08M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.69M	17.901M	17M9D1D	15.733M	13.958M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.74M	36.462M	36M5D1D	34.988M	33.096M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.6M	76.522M	76M5D1D	75.253M	72.349M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	165.6M	154.483M	154MD1D	163.92M	153.283M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.63M	19.13M	19M1D1D	15.645M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.86M	37.661M	37M7D1D	35.1M	33.621M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.36M	77.241M	77M2D1D	75.408M	73.123M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	163.92M	156.642M	157MD1D	161.76M	154.003M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.87M	4.438M	4M44D1D	3.765M	4.378M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.165M	3.673M	3M67D1D	3.135M	3.628M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.255M	3.913M	3M91D1D	3.21M	3.823M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.575M	4.783M	4M78D1D	4.515M	4.768M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.93M	4.108M	4M11D1D	3.72M	4.093M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.99M	4.153M	4M15D1D	3.615M	4.123M

**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	21.39M	17.871M	21.6M	17.871M	21.57M	17.841M	21.57M	17.841M
5300MHz	Pass	Inf	21.54M	17.811M	21.6M	17.901M	21.66M	17.901M	21.6M	17.901M
5320MHz	Pass	Inf	21.36M	17.841M	21.57M	17.901M	21.51M	17.901M	21.48M	17.901M
5500MHz	Pass	Inf	21.42M	17.841M	21.54M	17.871M	21.63M	17.871M	21.57M	17.871M
5580MHz	Pass	Inf	21.48M	17.901M	21.48M	17.901M	21.69M	17.901M	21.57M	17.901M
5700MHz	Pass	Inf	21.45M	17.841M	21.54M	17.901M	21.39M	17.901M	21.33M	17.871M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.733M	13.958M	15.768M	13.993M	15.75M	13.976M	15.785M	13.993M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.408M	3.765M	4.378M	3.87M	4.438M	3.765M	4.408M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	36.462M	39.96M	36.402M	39.96M	36.462M	39.78M	36.462M
5310MHz	Pass	Inf	39.96M	36.462M	40.14M	36.342M	39.78M	36.402M	39.9M	36.462M
5510MHz	Pass	Inf	39.84M	36.402M	39.78M	36.402M	39.96M	36.402M	40.14M	36.402M
5550MHz	Pass	Inf	40.08M	36.402M	40.74M	36.402M	40.2M	36.402M	40.26M	36.462M
5670MHz	Pass	Inf	40.14M	36.462M	40.32M	36.462M	40.56M	36.402M	39.54M	36.462M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.988M	33.096M	35.138M	33.096M	35.55M	33.096M	35.25M	33.171M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.165M	3.628M	3.15M	3.643M	3.15M	3.643M	3.135M	3.673M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.52M	75.682M	80.76M	75.682M	80.52M	75.682M	80.88M	75.682M
5530MHz	Pass	Inf	80.28M	75.802M	80.76M	75.802M	80.88M	75.802M	80.88M	75.922M
5610MHz	Pass	Inf	80.4M	76.522M	80.16M	75.682M	81.6M	76.282M	80.52M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.33M	72.504M	75.253M	72.349M	75.33M	72.426M	76.028M	72.504M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.21M	3.838M	3.255M	3.913M	3.255M	3.823M	3.225M	3.913M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.28M	76.882M	81.48M	76.522M	83.04M	77.001M	81.24M	76.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.84M	76.762M	82.44M	76.882M	81.84M	76.522M	82.32M	76.522M
5570MHz	Pass	Inf	165.6M	154.243M	163.92M	153.523M	164.4M	154.483M	164.64M	153.283M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.24M	19.07M	21.51M	19.1M	21.48M	19.04M	21.51M	19.07M
5300MHz	Pass	Inf	21.63M	19.13M	21.36M	19.13M	21.48M	19.1M	21.54M	19.13M
5320MHz	Pass	Inf	21.6M	19.13M	21.51M	19.1M	21.33M	19.07M	21.42M	19.07M
5500MHz	Pass	Inf	21.57M	19.13M	21.39M	19.1M	21.63M	19.13M	21.48M	19.07M
5580MHz	Pass	Inf	21.45M	19.04M	21.51M	19.07M	21.39M	19.13M	21.3M	19.1M
5700MHz	Pass	Inf	21.54M	19.13M	21.45M	19.13M	21.57M	19.1M	21.45M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	14.483M	15.663M	14.518M	15.68M	14.483M	15.663M	14.518M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.575M	4.768M	4.56M	4.768M	4.515M	4.768M	4.515M	4.783M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.2M	37.481M	40.86M	37.601M	40.38M	37.541M	40.44M	37.541M
5310MHz	Pass	Inf	40.32M	37.481M	40.26M	37.601M	40.32M	37.541M	40.26M	37.481M
5510MHz	Pass	Inf	40.14M	37.601M	40.14M	37.601M	40.44M	37.661M	40.2M	37.541M
5550MHz	Pass	Inf	40.08M	37.481M	40.14M	37.481M	40.38M	37.541M	40.14M	37.481M
5670MHz	Pass	Inf	40.08M	37.541M	40.68M	37.601M	40.86M	37.481M	40.32M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.621M	35.288M	33.621M	35.1M	33.621M	35.25M	33.621M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.915M	4.108M	3.72M	4.108M	3.885M	4.093M	3.93M	4.093M





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	80.88M	77.121M	81.24M	77.001M	80.88M	77.001M	81.6M	77.001M
5530MHz	Pass	Inf	81.36M	77.121M	81.12M	77.121M	81.12M	77.241M	81M	77.001M
5610MHz	Pass	Inf	81M	77.121M	80.88M	77.121M	81.12M	77.241M	80.88M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.485M	73.278M	75.408M	73.123M	75.485M	73.278M	75.795M	73.201M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.99M	4.138M	3.615M	4.153M	3.99M	4.138M	3.96M	4.123M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.36M	77.961M	80.88M	77.481M	81.84M	77.721M	81.12M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.04M	77.481M	82.8M	77.601M	82.08M	77.601M	82.32M	77.601M
5570MHz	Pass	Inf	162.72M	155.202M	161.76M	154.003M	163.92M	156.642M	163.2M	154.483M

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

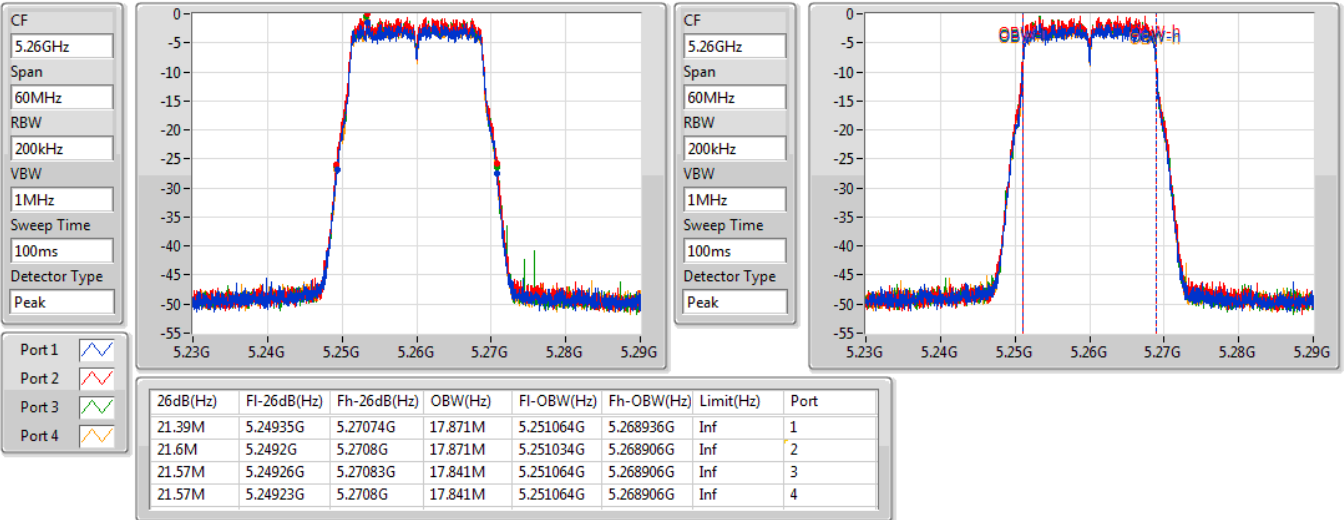
**Port X-OBW** = Port X 99% occupied bandwidth;

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

EBW

5260MHz

03/12/2019

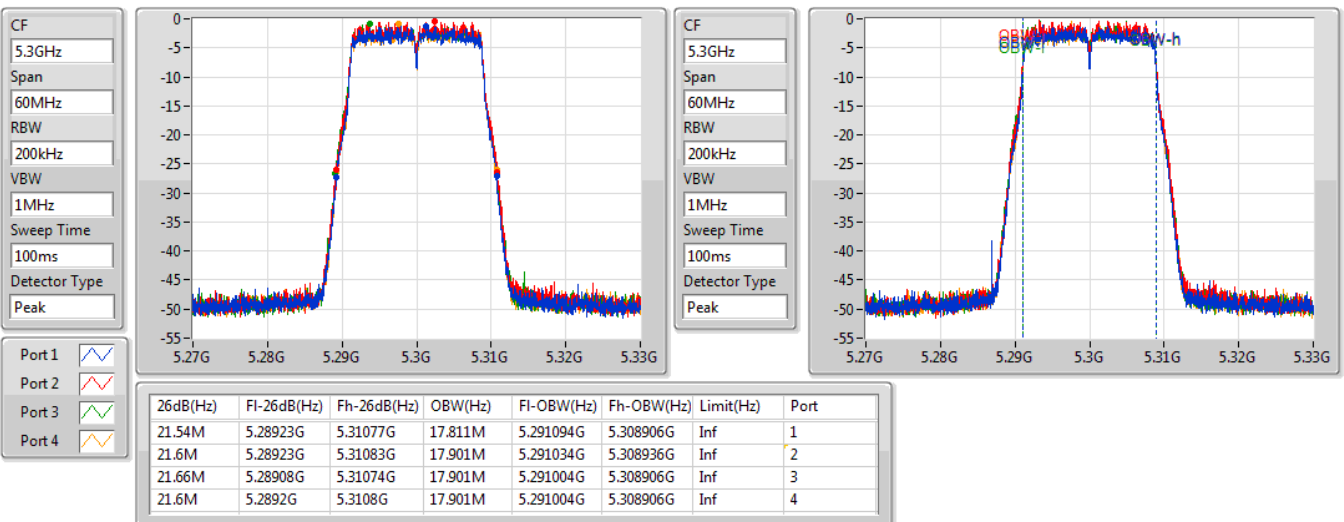


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5300MHz

03/12/2019



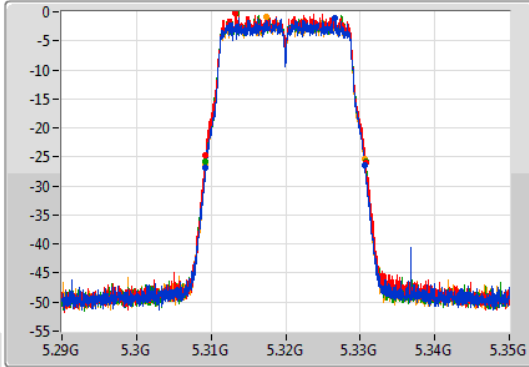
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

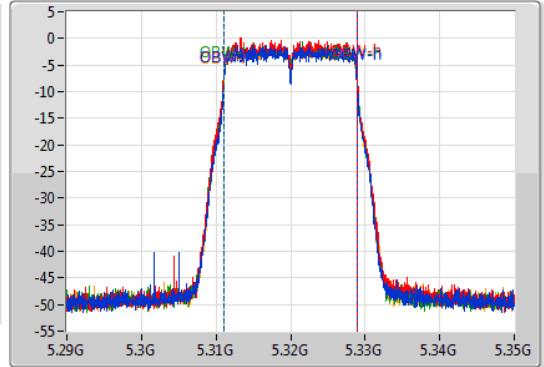
5320MHz

03/12/2019

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



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



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	5.30926G	5.33062G	17.841M	5.311064G	5.328906G	Inf	1
21.57M	5.30923G	5.3308G	17.901M	5.311004G	5.328906G	Inf	2
21.51M	5.30923G	5.33074G	17.901M	5.311004G	5.328906G	Inf	3
21.48M	5.3092G	5.33068G	17.901M	5.311004G	5.328906G	Inf	4

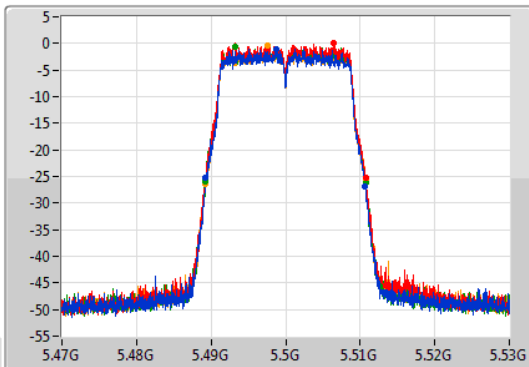
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

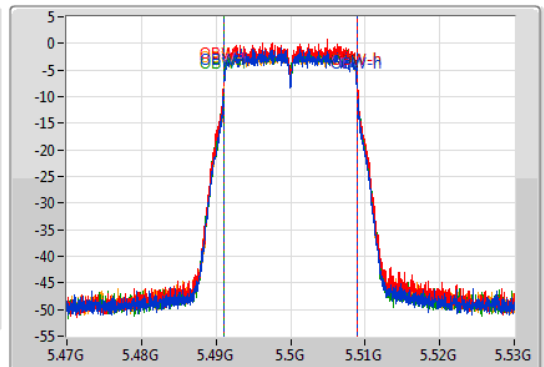
5500MHz

03/12/2019

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



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



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
21.42M	5.48923G	5.51065G	17.841M	5.491064G	5.508906G	Inf	1
21.54M	5.48917G	5.51071G	17.871M	5.491034G	5.508906G	Inf	2
21.63M	5.48914G	5.51077G	17.871M	5.491034G	5.508906G	Inf	3
21.57M	5.48917G	5.51074G	17.871M	5.491034G	5.508906G	Inf	4

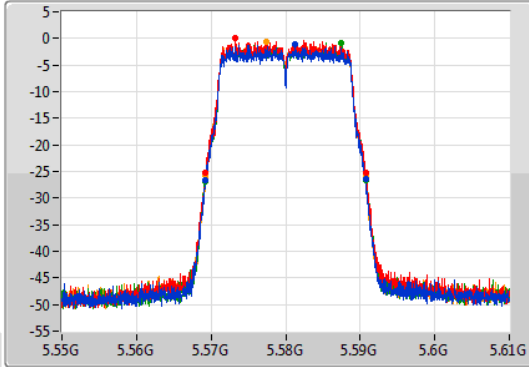
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

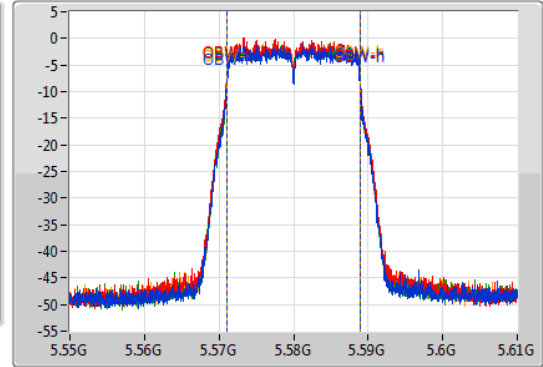
5580MHz

03/12/2019

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



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



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	5.56923G	5.59071G	17.901M	5.571034G	5.588936G	Inf	1
21.48M	5.56926G	5.59074G	17.901M	5.571004G	5.588906G	Inf	2
21.69M	5.56914G	5.59083G	17.901M	5.571034G	5.588936G	Inf	3
21.57M	5.56917G	5.59074G	17.901M	5.571004G	5.588906G	Inf	4

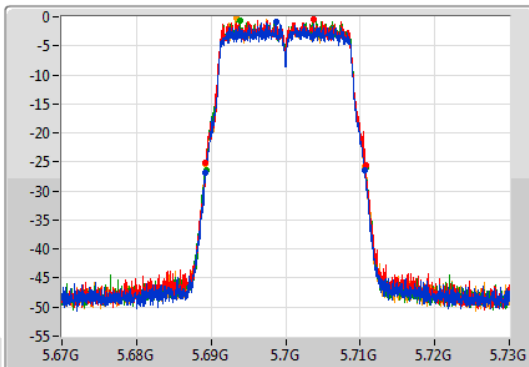
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

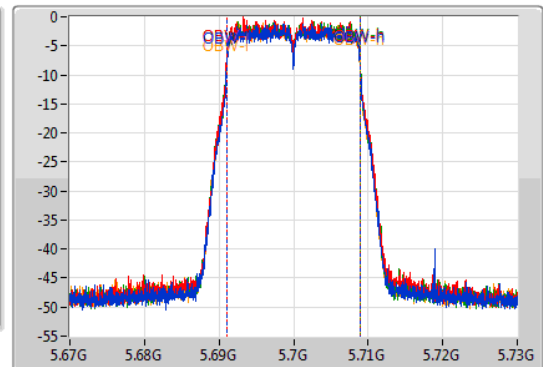
5700MHz

03/12/2019

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



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



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	5.6892G	5.71065G	17.841M	5.691064G	5.708906G	Inf	1
21.54M	5.68926G	5.7108G	17.901M	5.691004G	5.708906G	Inf	2
21.39M	5.68935G	5.71074G	17.901M	5.691004G	5.708906G	Inf	3
21.33M	5.68923G	5.71056G	17.871M	5.691004G	5.708876G	Inf	4

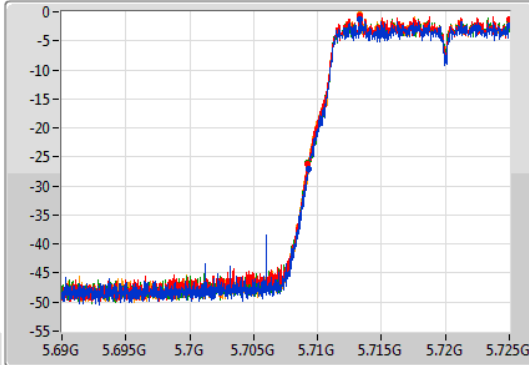
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

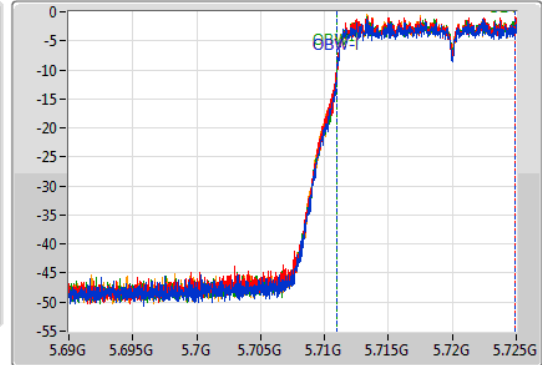
5720MHz Straddle 5.47-5.725GHz

03/12/2019

CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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
15.733M	5.709268G	5.725G	13.958M	5.710981G	5.724939G	Inf	1
15.768M	5.709233G	5.725G	13.993M	5.710946G	5.724939G	Inf	2
15.75M	5.70925G	5.725G	13.976M	5.710963G	5.724939G	Inf	3
15.785M	5.709215G	5.725G	13.993M	5.710946G	5.724939G	Inf	4

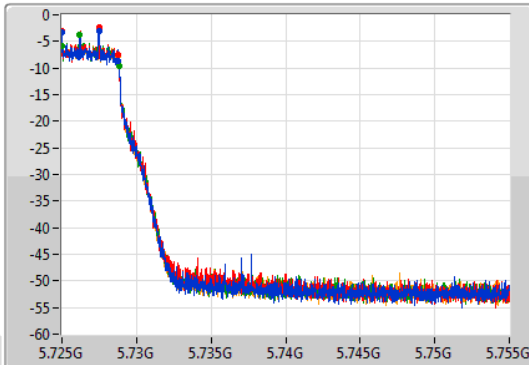
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

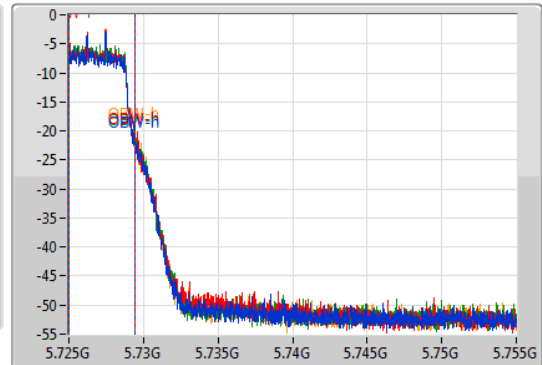
5720MHz Straddle 5.725-5.85GHz

03/12/2019

CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.408M	5.725007G	5.729415G	500k	1
3.765M	5.725G	5.728765G	4.378M	5.725022G	5.7294G	500k	2
3.87M	5.725G	5.72887G	4.438M	5.725007G	5.729445G	500k	3
3.765M	5.725G	5.728765G	4.408M	5.725007G	5.729415G	500k	4

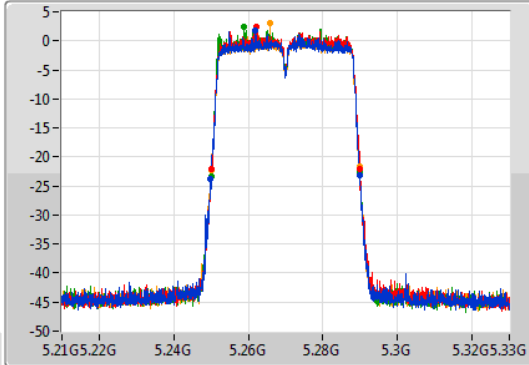
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

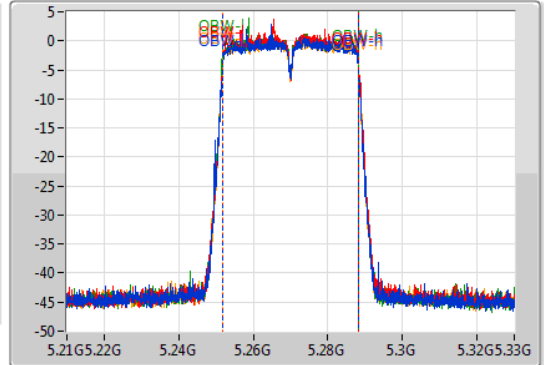
5270MHz

03/12/2019

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  
Peak



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	5.2499G	5.28992G	36.462M	5.251769G	5.288231G	Inf	1
39.96M	5.25002G	5.28998G	36.402M	5.251829G	5.288231G	Inf	2
39.96M	5.24996G	5.28992G	36.462M	5.251709G	5.288171G	Inf	3
39.78M	5.25014G	5.28992G	36.462M	5.251769G	5.288231G	Inf	4

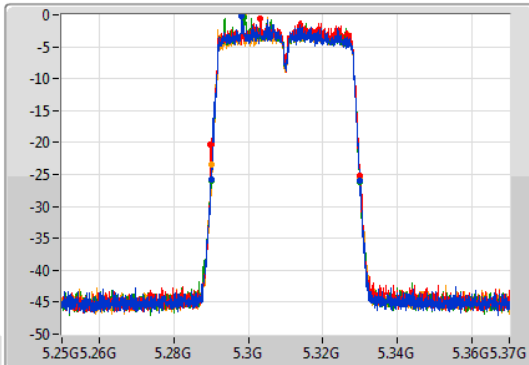
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

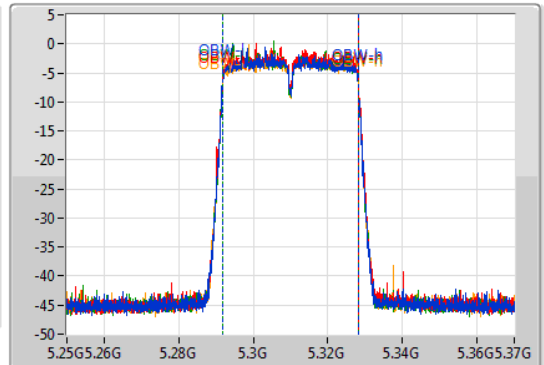
5310MHz

03/12/2019

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  
Peak



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
39.96M	5.28996G	5.32992G	36.462M	5.291709G	5.328171G	Inf	1
40.14M	5.2899G	5.33004G	36.342M	5.291829G	5.328171G	Inf	2
39.78M	5.29008G	5.32986G	36.402M	5.291769G	5.328171G	Inf	3
39.9M	5.29014G	5.33004G	36.462M	5.291769G	5.328231G	Inf	4

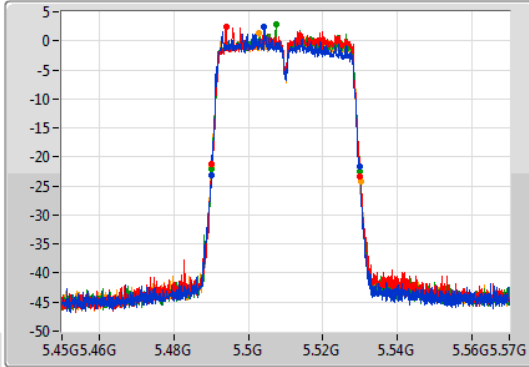
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

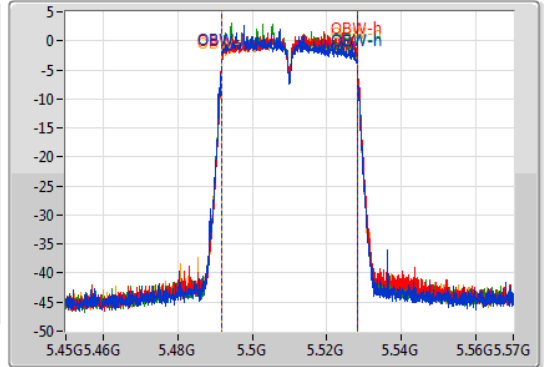
5510MHz

03/12/2019

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  
Peak



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
39.84M	5.49002G	5.52986G	36.402M	5.491709G	5.528111G	Inf	1
39.78M	5.4902G	5.52998G	36.402M	5.491829G	5.528231G	Inf	2
39.96M	5.49002G	5.52998G	36.402M	5.491769G	5.528171G	Inf	3
40.14M	5.48996G	5.5301G	36.402M	5.491769G	5.528171G	Inf	4

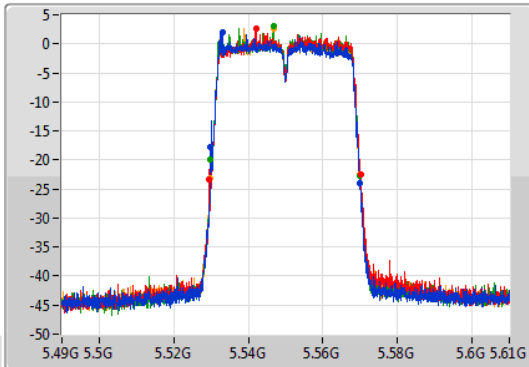
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

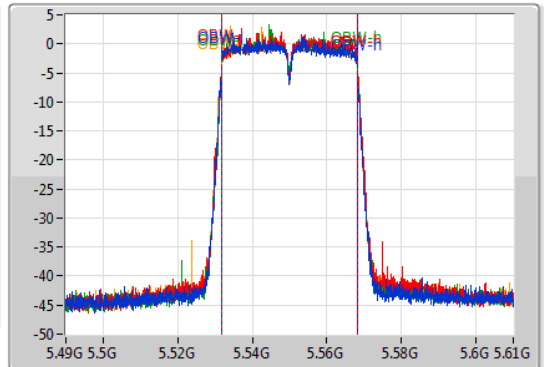
5550MHz

03/12/2019

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  
Peak



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	5.5299G	5.56998G	36.402M	5.531769G	5.568171G	Inf	1
40.74M	5.52942G	5.57016G	36.402M	5.531829G	5.568231G	Inf	2
40.2M	5.52978G	5.56998G	36.402M	5.531769G	5.568171G	Inf	3
40.26M	5.52978G	5.57004G	36.462M	5.531709G	5.568171G	Inf	4

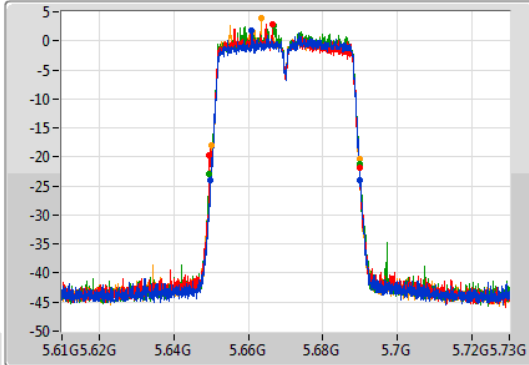
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

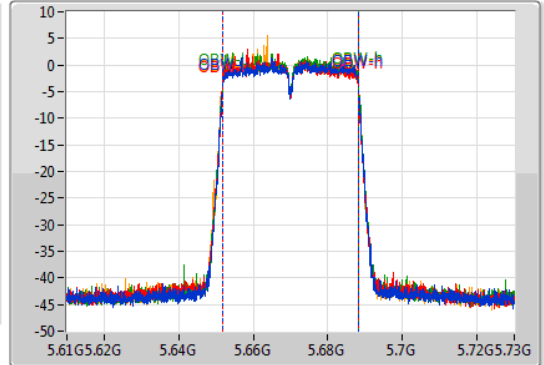
5670MHz

03/12/2019

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  
Peak



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	5.6499G	5.69004G	36.462M	5.651769G	5.688231G	Inf	1
40.32M	5.6496G	5.68992G	36.462M	5.651709G	5.688171G	Inf	2
40.56M	5.64942G	5.68998G	36.402M	5.651769G	5.688171G	Inf	3
39.54M	5.65026G	5.6898G	36.462M	5.651709G	5.688171G	Inf	4

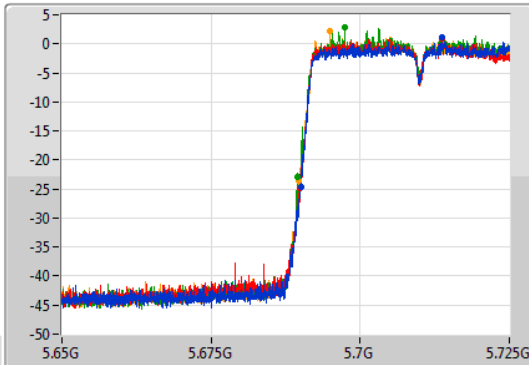
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

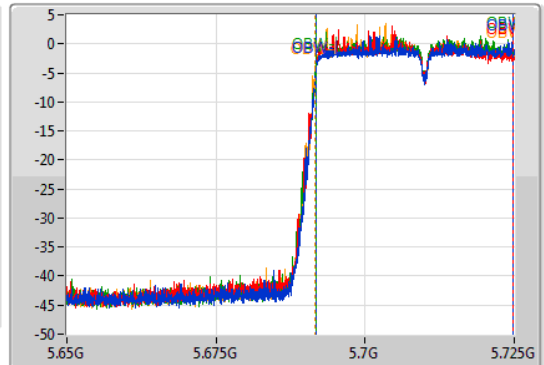
5710MHz Straddle 5.47-5.725GHz

03/12/2019

CF  
5.6875GHz  
Span  
75MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.6875GHz  
Span  
75MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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
34.988M	5.690013G	5.725G	33.096M	5.691735G	5.724831G	Inf	1
35.138M	5.689863G	5.725G	33.096M	5.691698G	5.724794G	Inf	2
35.55M	5.68945G	5.725G	33.096M	5.691735G	5.724831G	Inf	3
35.25M	5.68975G	5.725G	33.171M	5.691623G	5.724794G	Inf	4

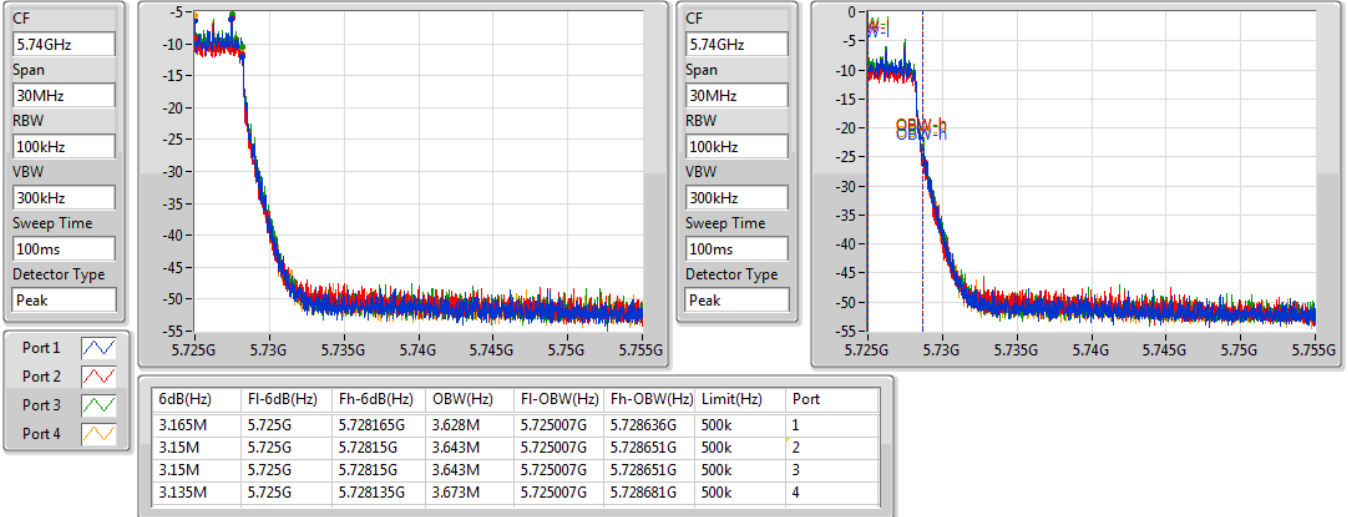


802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2019

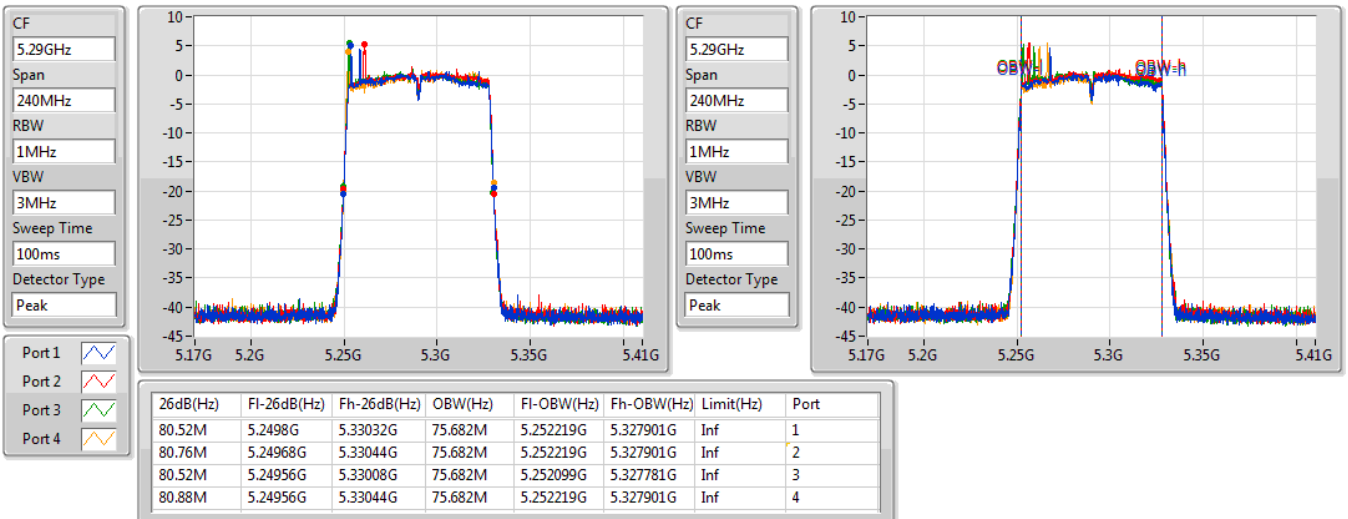


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5290MHz

03/12/2019



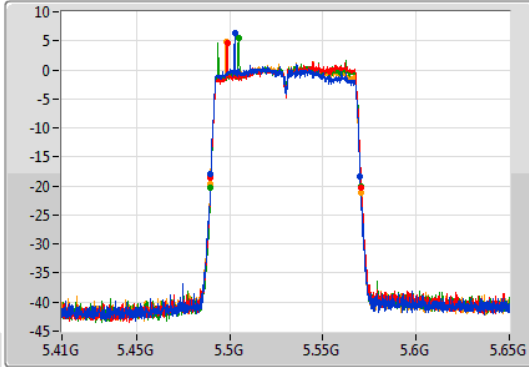
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

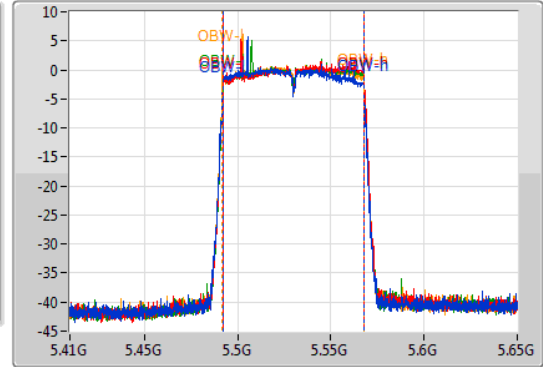
5530MHz

03/12/2019

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: Peak



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
80.28M	5.4898G	5.57008G	75.802M	5.491979G	5.567781G	Inf	1
80.76M	5.4898G	5.57056G	75.802M	5.492219G	5.568021G	Inf	2
80.88M	5.48968G	5.57056G	75.802M	5.492219G	5.568021G	Inf	3
80.88M	5.48956G	5.57044G	75.922M	5.491859G	5.567781G	Inf	4

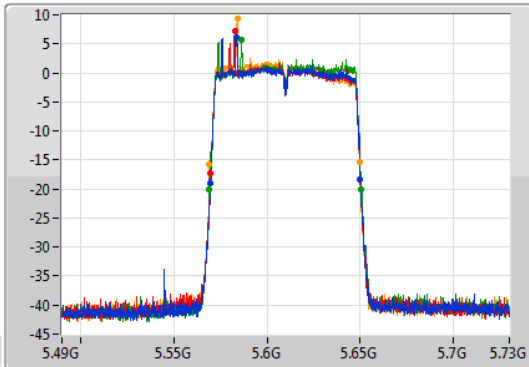
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

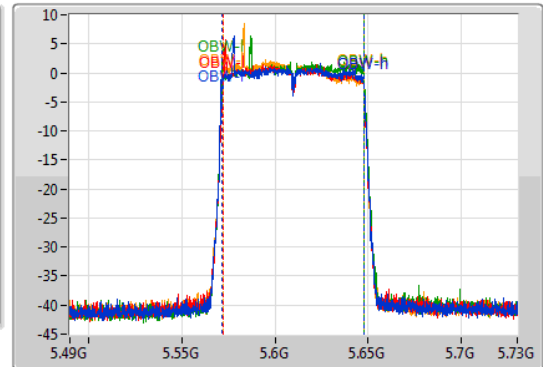
5610MHz

03/12/2019

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: Peak



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

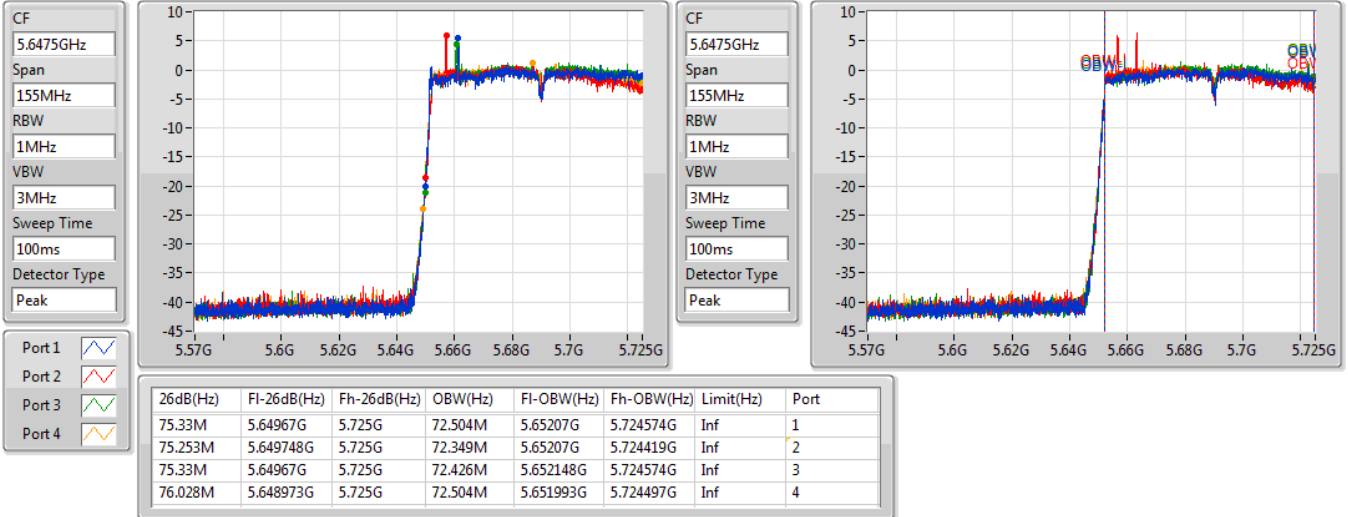
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.56968G	5.65008G	76.522M	5.571379G	5.647901G	Inf	1
80.16M	5.5698G	5.64996G	75.682M	5.572099G	5.647781G	Inf	2
81.6M	5.56896G	5.65056G	76.282M	5.571739G	5.648021G	Inf	3
80.52M	5.5692G	5.64972G	75.682M	5.571979G	5.647661G	Inf	4

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

EBW

5690MHz Straddle 5.47-5.725GHz

04/12/2019

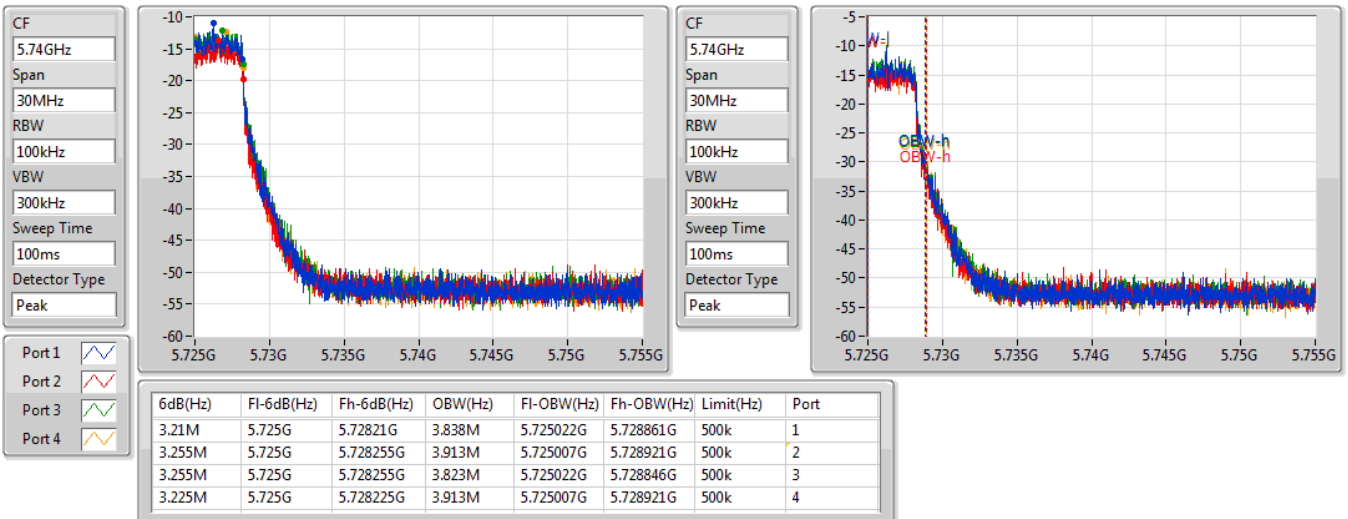


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/12/2019

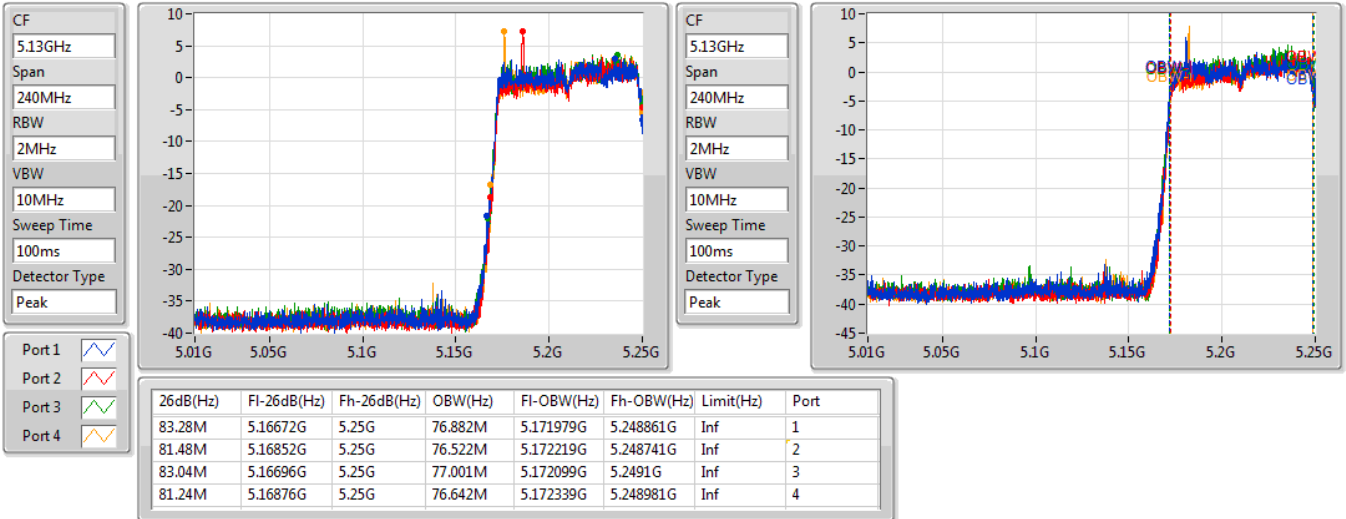


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

04/12/2019

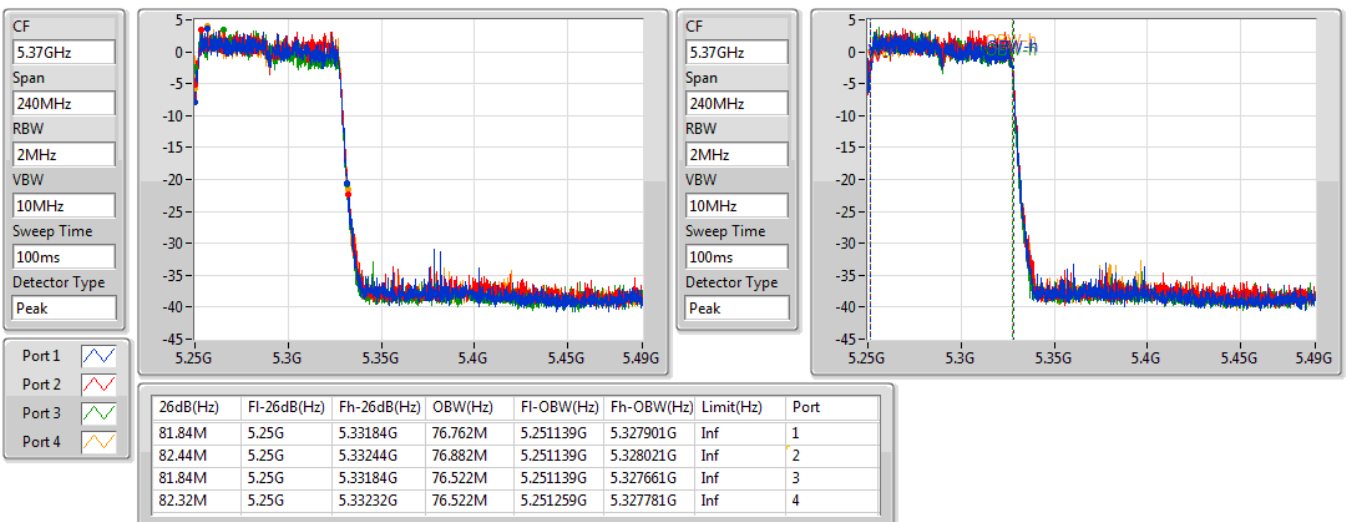


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

04/12/2019



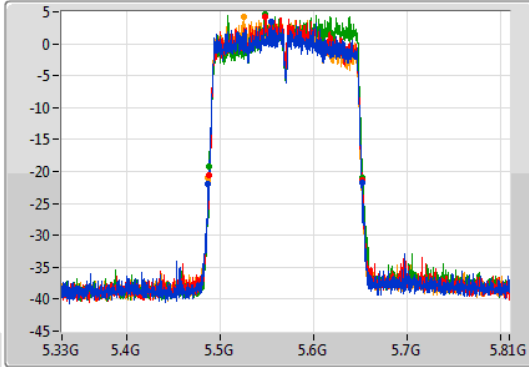
802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

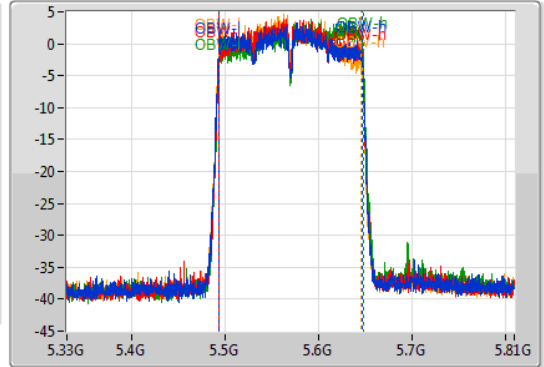
5570MHz

04/12/2019

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  
Peak



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
165.6M	5.48648G	5.65208G	154.243M	5.492759G	5.647001G	Inf	1
163.92M	5.48792G	5.65184G	153.523M	5.493478G	5.647001G	Inf	2
164.4M	5.48816G	5.65256G	154.483M	5.493238G	5.647721G	Inf	3
164.64M	5.48696G	5.6516G	153.283M	5.492759G	5.646042G	Inf	4

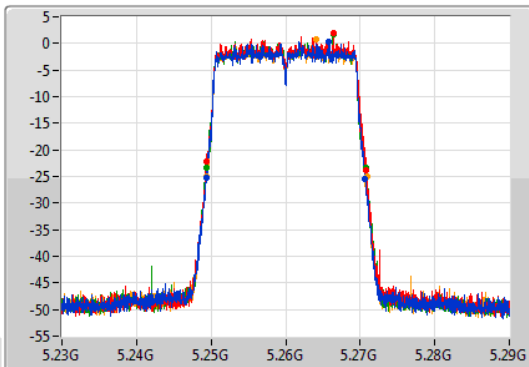
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

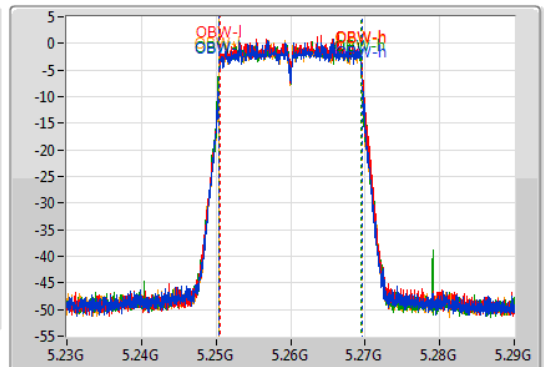
5260MHz

03/12/2019

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



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



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
21.24M	5.24944G	5.27068G	19.07M	5.250465G	5.269535G	Inf	1
21.51M	5.24932G	5.27083G	19.1M	5.250495G	5.269595G	Inf	2
21.48M	5.24932G	5.2708G	19.04M	5.250465G	5.269505G	Inf	3
21.51M	5.24938G	5.27089G	19.07M	5.250465G	5.269535G	Inf	4

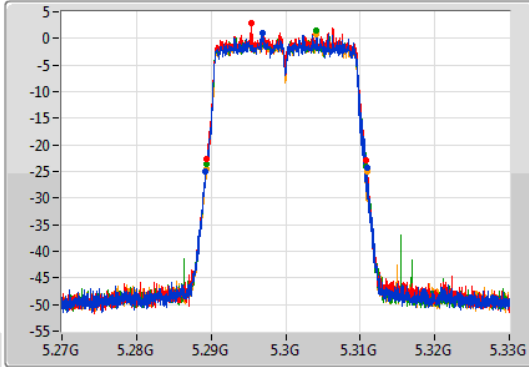
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

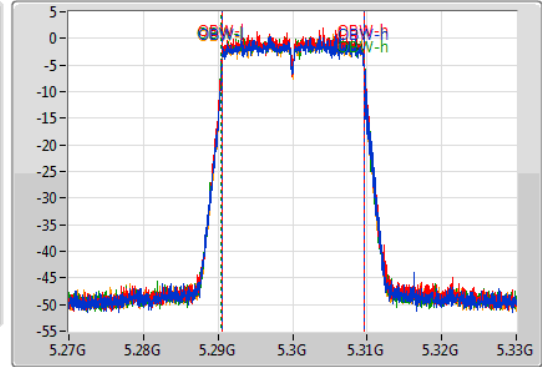
5300MHz

03/12/2019

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



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



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	5.28929G	5.31092G	19.13M	5.290495G	5.309625G	Inf	1
21.36M	5.28947G	5.31083G	19.13M	5.290495G	5.309625G	Inf	2
21.48M	5.28938G	5.31086G	19.11M	5.290465G	5.309565G	Inf	3
21.54M	5.28935G	5.31089G	19.13M	5.290495G	5.309625G	Inf	4

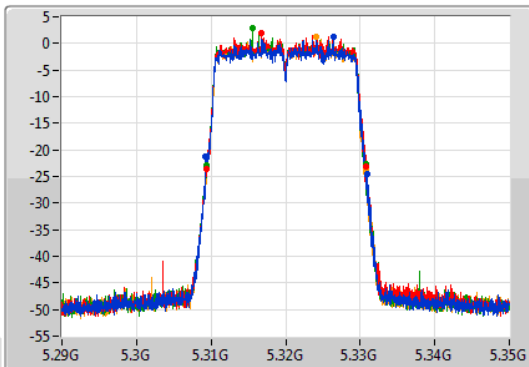
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

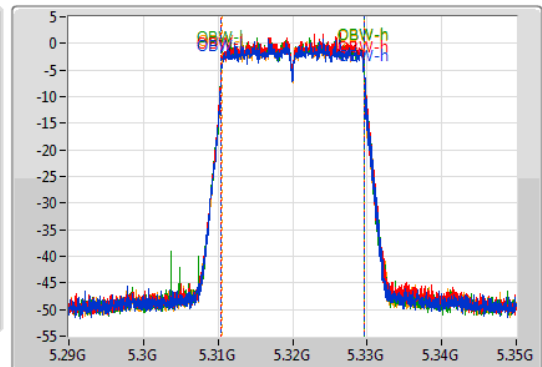
5320MHz

03/12/2019

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



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



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	5.30929G	5.33089G	19.13M	5.310465G	5.329595G	Inf	1
21.51M	5.30935G	5.33086G	19.11M	5.310465G	5.329565G	Inf	2
21.33M	5.30944G	5.33077G	19.07M	5.310465G	5.329535G	Inf	3
21.42M	5.30944G	5.33086G	19.07M	5.310495G	5.329565G	Inf	4

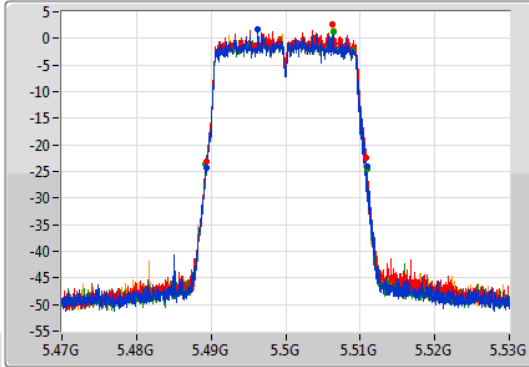
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

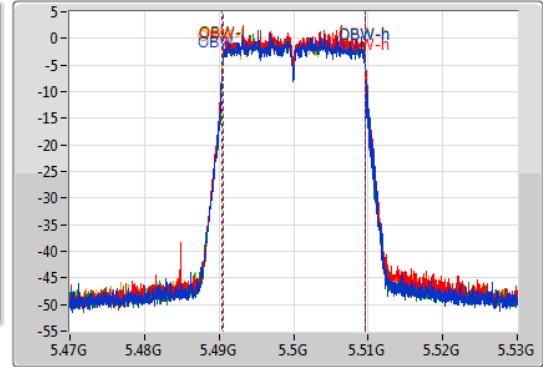
5500MHz

03/12/2019

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



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



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	5.48932G	5.51089G	19.13M	5.490465G	5.509595G	Inf	1
21.39M	5.48938G	5.51077G	19.1M	5.490495G	5.509595G	Inf	2
21.63M	5.48926G	5.51089G	19.13M	5.490495G	5.509625G	Inf	3
21.48M	5.48935G	5.51083G	19.07M	5.490465G	5.509535G	Inf	4

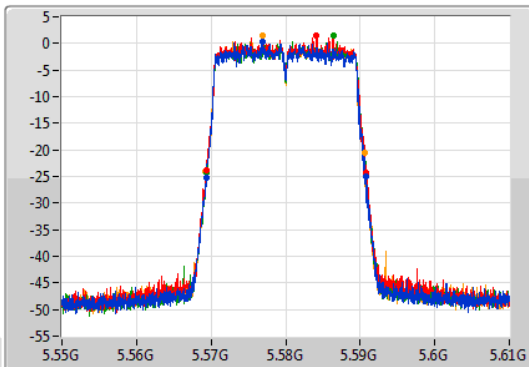
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

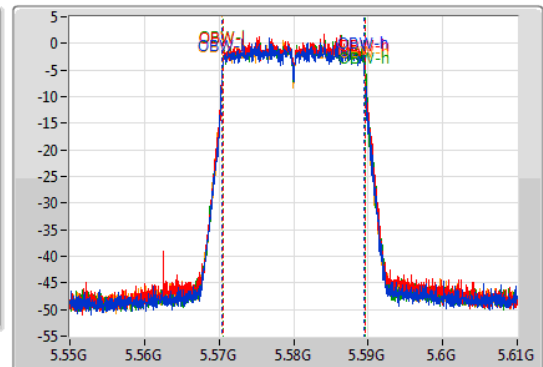
5580MHz

03/12/2019

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



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



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	5.56935G	5.5908G	19.04M	5.570465G	5.589505G	Inf	1
21.51M	5.56935G	5.59086G	19.07M	5.570495G	5.589565G	Inf	2
21.39M	5.56944G	5.59083G	19.13M	5.570495G	5.589625G	Inf	3
21.3M	5.56929G	5.59059G	19.1M	5.570465G	5.589565G	Inf	4

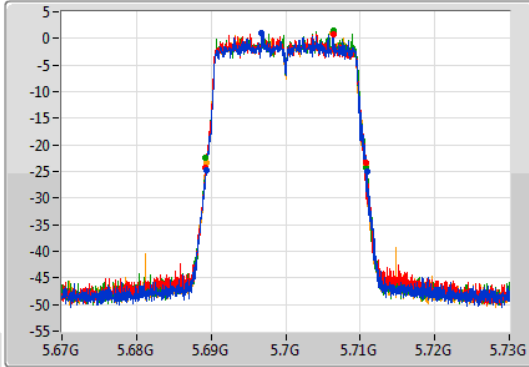
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

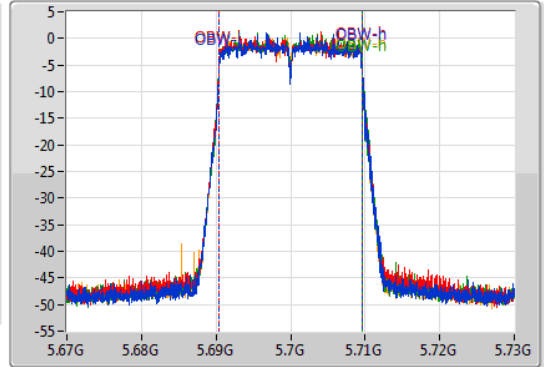
5700MHz

03/12/2019

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



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



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
21.54M	5.68935G	5.71089G	19.13M	5.690465G	5.709595G	Inf	1
21.45M	5.68929G	5.71074G	19.13M	5.690465G	5.709595G	Inf	2
21.57M	5.68929G	5.71086G	19.1M	5.690465G	5.709565G	Inf	3
21.45M	5.68935G	5.7108G	19.07M	5.690465G	5.709535G	Inf	4

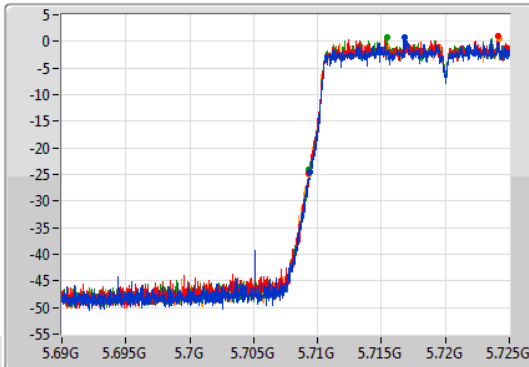
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

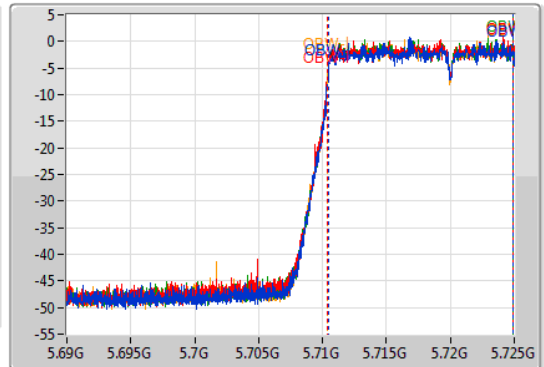
5720MHz Straddle 5.47-5.725GHz

03/12/2019

CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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
15.645M	5.709355G	5.725G	14.483M	5.710439G	5.724921G	Inf	1
15.663M	5.709338G	5.725G	14.518M	5.710404G	5.724921G	Inf	2
15.68M	5.70932G	5.725G	14.483M	5.710439G	5.724921G	Inf	3
15.663M	5.709338G	5.725G	14.518M	5.710404G	5.724921G	Inf	4



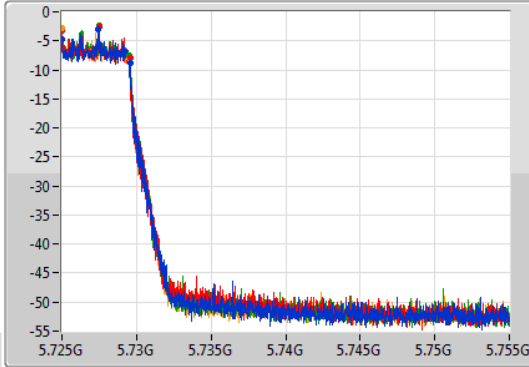
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

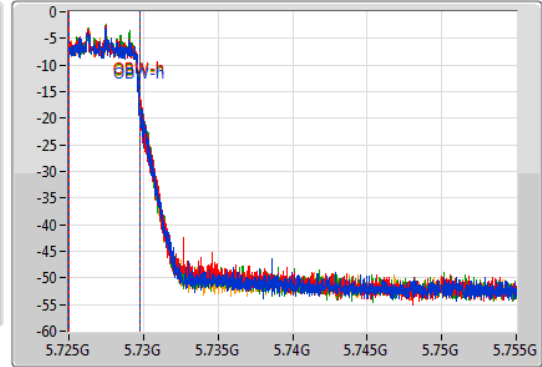
5720MHz Straddle 5.725-5.85GHz

03/12/2019

CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.575M	5.725G	5.729575G	4.768M	5.725007G	5.729775G	500k	1
4.56M	5.725G	5.72956G	4.768M	5.725007G	5.729775G	500k	2
4.515M	5.725G	5.729515G	4.768M	5.725007G	5.729775G	500k	3
4.515M	5.725G	5.729515G	4.783M	5.725007G	5.72979G	500k	4

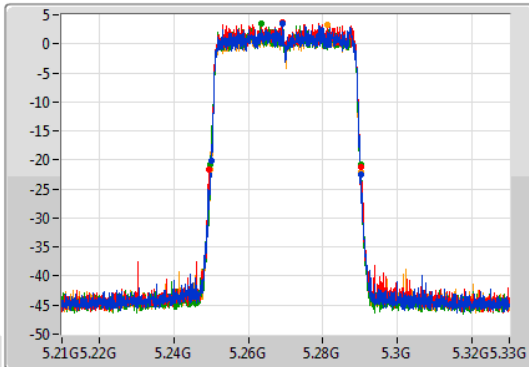
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

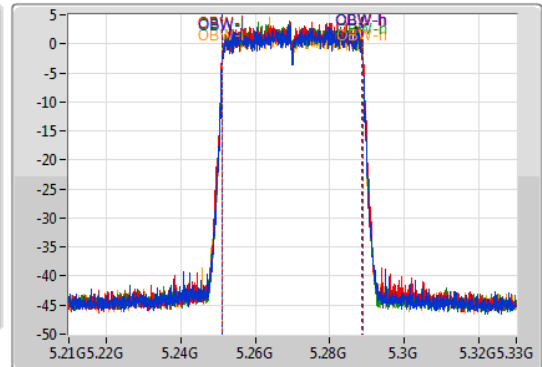
5270MHz

03/12/2019

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  
Peak



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
40.2M	5.24996G	5.29016G	37.481M	5.251229G	5.288711G	Inf	1
40.86M	5.24936G	5.29022G	37.601M	5.251169G	5.288771G	Inf	2
40.38M	5.24978G	5.29016G	37.541M	5.251229G	5.288771G	Inf	3
40.44M	5.24978G	5.29022G	37.541M	5.251229G	5.288771G	Inf	4

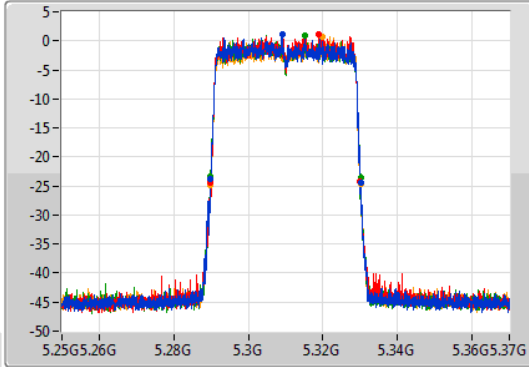
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

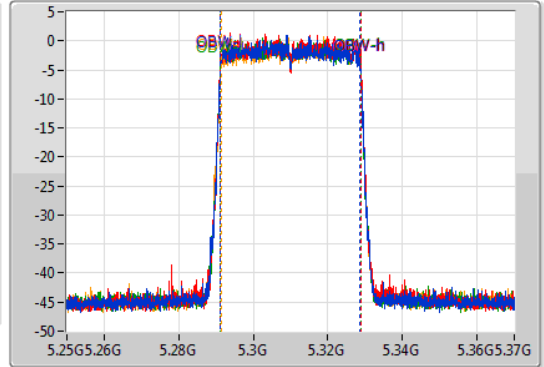
5310MHz

03/12/2019

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: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.28984G	5.33016G	37.481M	5.291229G	5.328711G	Inf	1
40.26M	5.28978G	5.33004G	37.601M	5.291229G	5.328831G	Inf	2
40.32M	5.28978G	5.3301G	37.541M	5.291229G	5.328771G	Inf	3
40.26M	5.28984G	5.3301G	37.481M	5.291289G	5.328771G	Inf	4

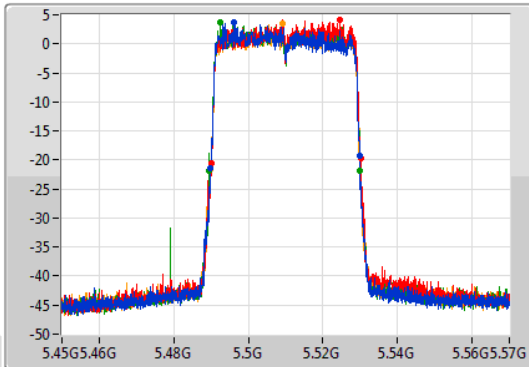
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

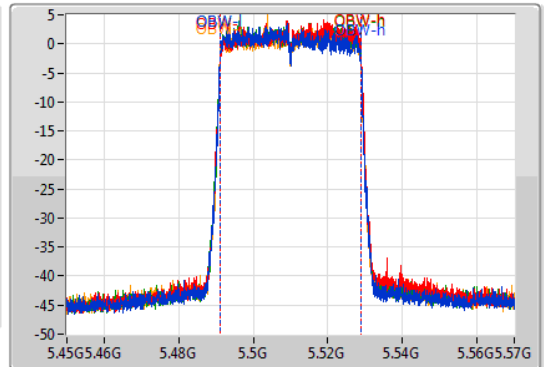
5510MHz

03/12/2019

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: Peak



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	37.601M	5.491169G	5.528771G	Inf	1
40.14M	5.48996G	5.5301G	37.601M	5.491229G	5.528831G	Inf	2
40.44M	5.48948G	5.52992G	37.661M	5.491169G	5.528831G	Inf	3
40.2M	5.48984G	5.53004G	37.541M	5.491229G	5.528771G	Inf	4

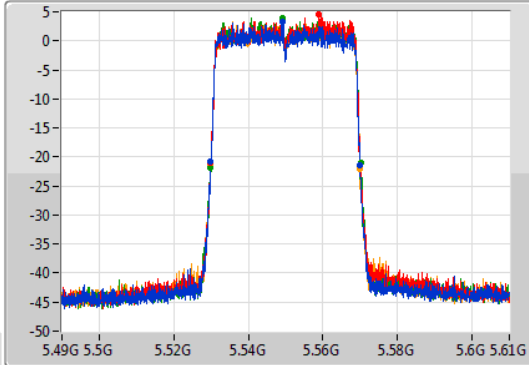
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

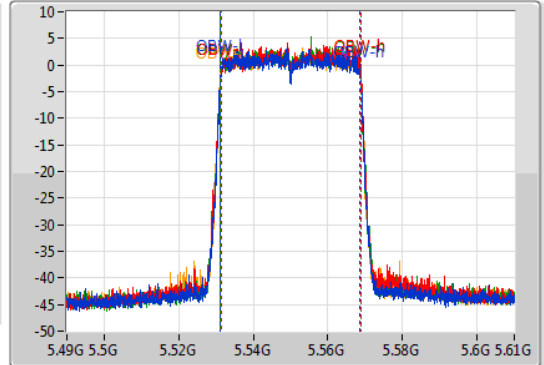
5550MHz

03/12/2019

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: Peak



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	5.5299G	5.56998G	37.481M	5.531229G	5.568711G	Inf	1
40.14M	5.5299G	5.57004G	37.481M	5.531289G	5.568771G	Inf	2
40.38M	5.52984G	5.57022G	37.541M	5.531229G	5.568771G	Inf	3
40.14M	5.52978G	5.56992G	37.481M	5.531229G	5.568711G	Inf	4

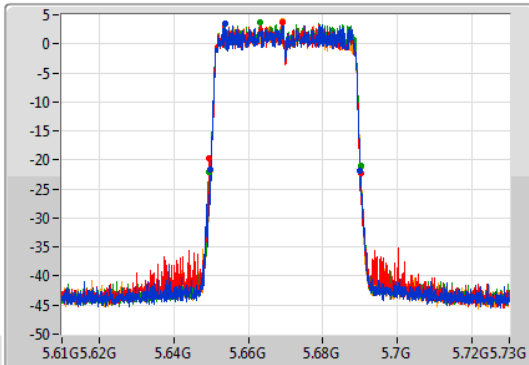
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

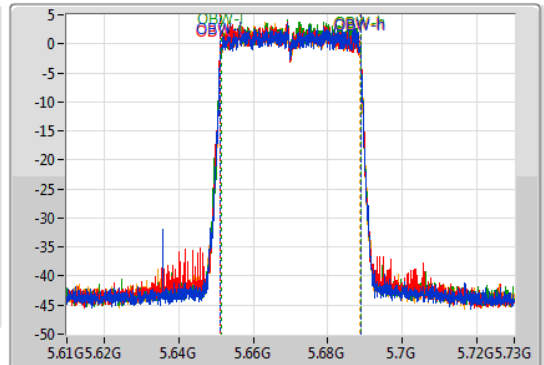
5670MHz

03/12/2019

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: Peak



Port 1  
 Port 2  
 Port 3  
 Port 4

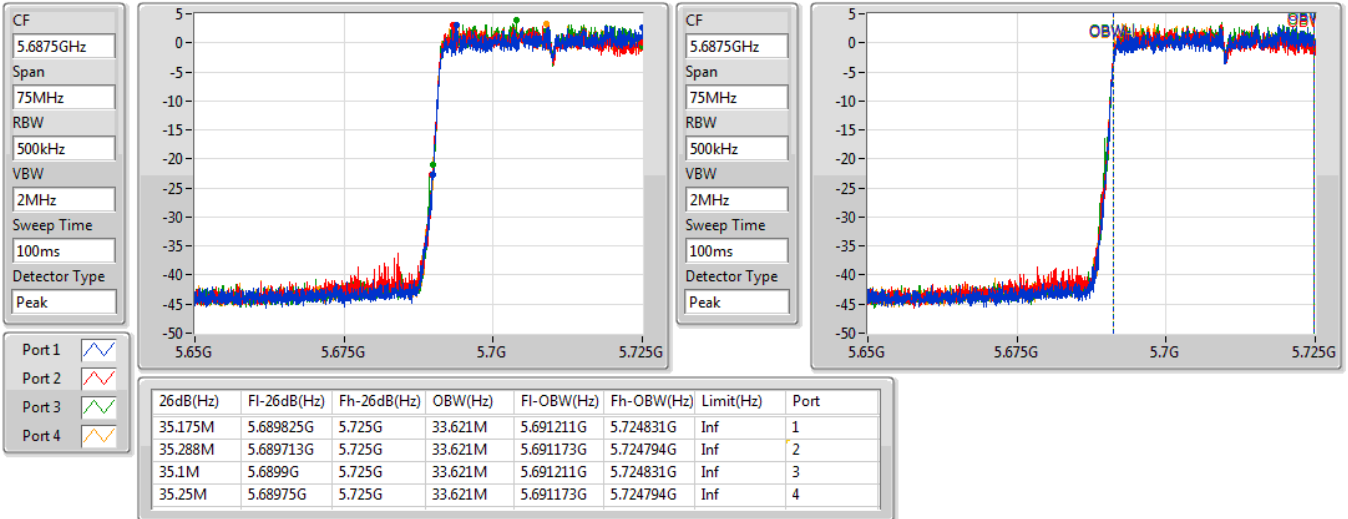
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.6499G	5.68998G	37.541M	5.651229G	5.688771G	Inf	1
40.68M	5.64954G	5.69022G	37.601M	5.651169G	5.688771G	Inf	2
40.86M	5.6493G	5.69016G	37.481M	5.651289G	5.688771G	Inf	3
40.32M	5.64984G	5.69016G	37.481M	5.651229G	5.688711G	Inf	4

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

EBW

5710MHz Straddle 5.47-5.725GHz

03/12/2019

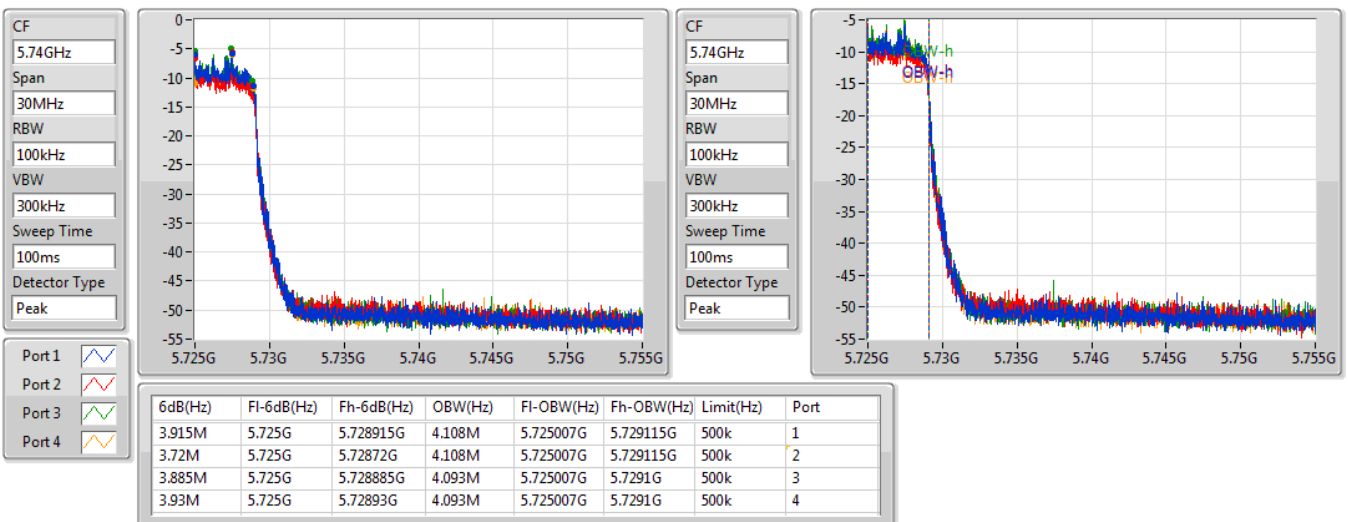


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2019



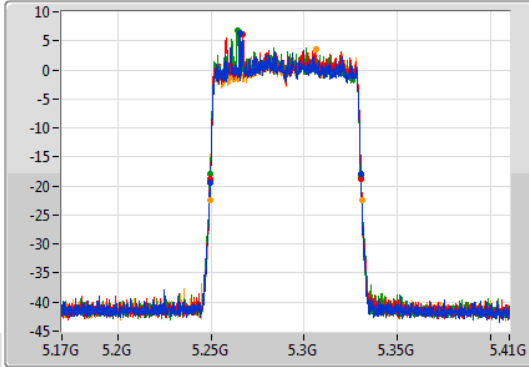
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

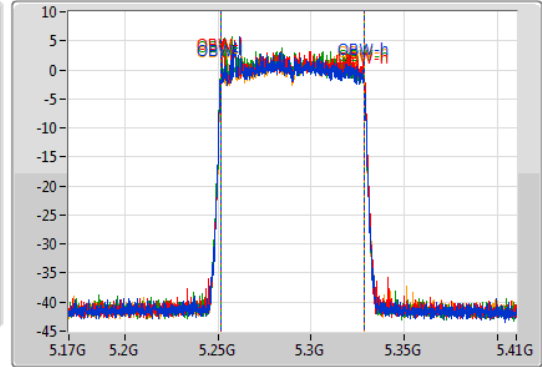
5290MHz

03/12/2019

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  
Peak



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
80.88M	5.24956G	5.33044G	77.121M	5.251379G	5.328501G	Inf	1
81.24M	5.24932G	5.33056G	77.001M	5.251499G	5.328501G	Inf	2
80.88M	5.24944G	5.33032G	77.001M	5.251379G	5.328381G	Inf	3
81.6M	5.24932G	5.33092G	77.001M	5.251619G	5.328621G	Inf	4

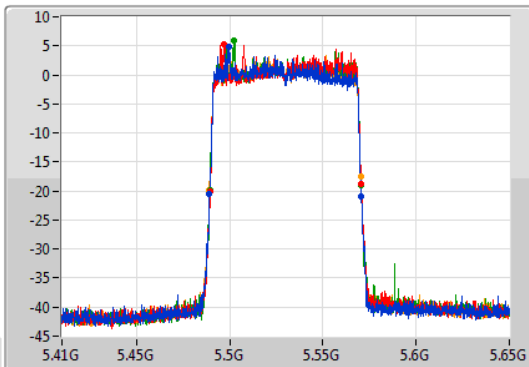
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

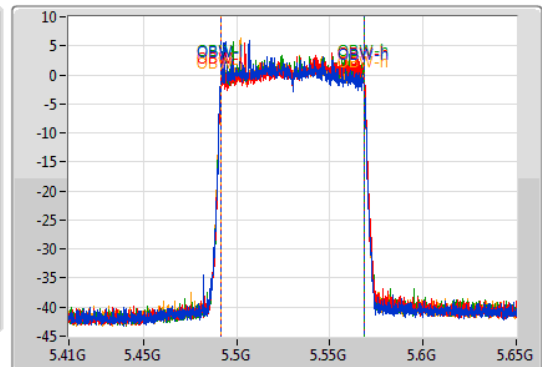
5530MHz

03/12/2019

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  
Peak



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
81.36M	5.4892G	5.57056G	77.121M	5.491259G	5.568381G	Inf	1
81.12M	5.48956G	5.57068G	77.121M	5.491499G	5.568621G	Inf	2
81.12M	5.48932G	5.57044G	77.241M	5.491379G	5.568621G	Inf	3
81M	5.4892G	5.5702G	77.001M	5.491379G	5.568381G	Inf	4

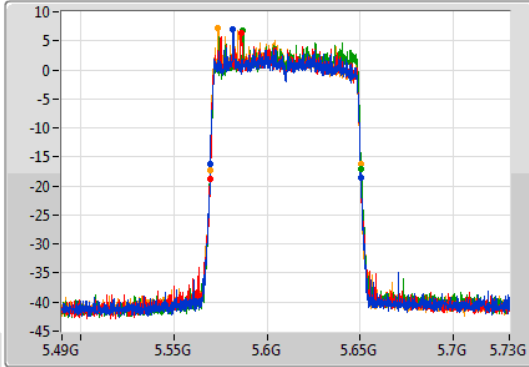
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

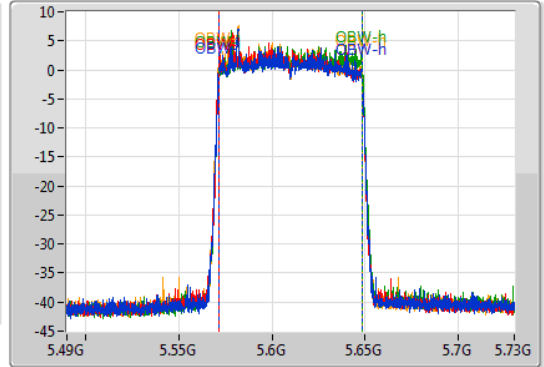
5610MHz

03/12/2019

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  
Peak



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
81M	5.56944G	5.65044G	77.121M	5.571259G	5.648381G	Inf	1
80.88M	5.56944G	5.65032G	77.121M	5.571259G	5.648381G	Inf	2
81.12M	5.56956G	5.65068G	77.241M	5.571379G	5.648621G	Inf	3
80.88M	5.56944G	5.65032G	77.121M	5.571259G	5.648381G	Inf	4

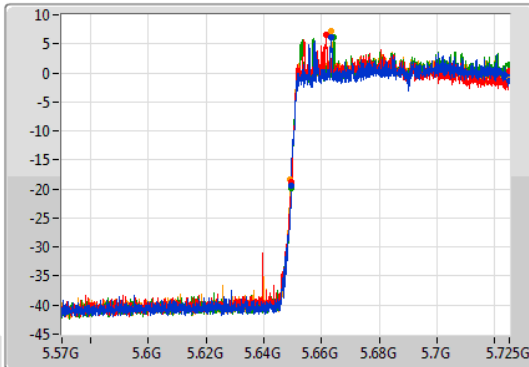
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

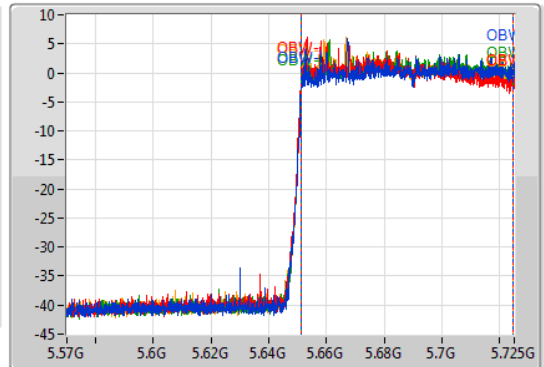
5690MHz Straddle 5.47-5.725GHz

03/12/2019

CF  
5.6475GHz  
Span  
155MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.6475GHz  
Span  
155MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

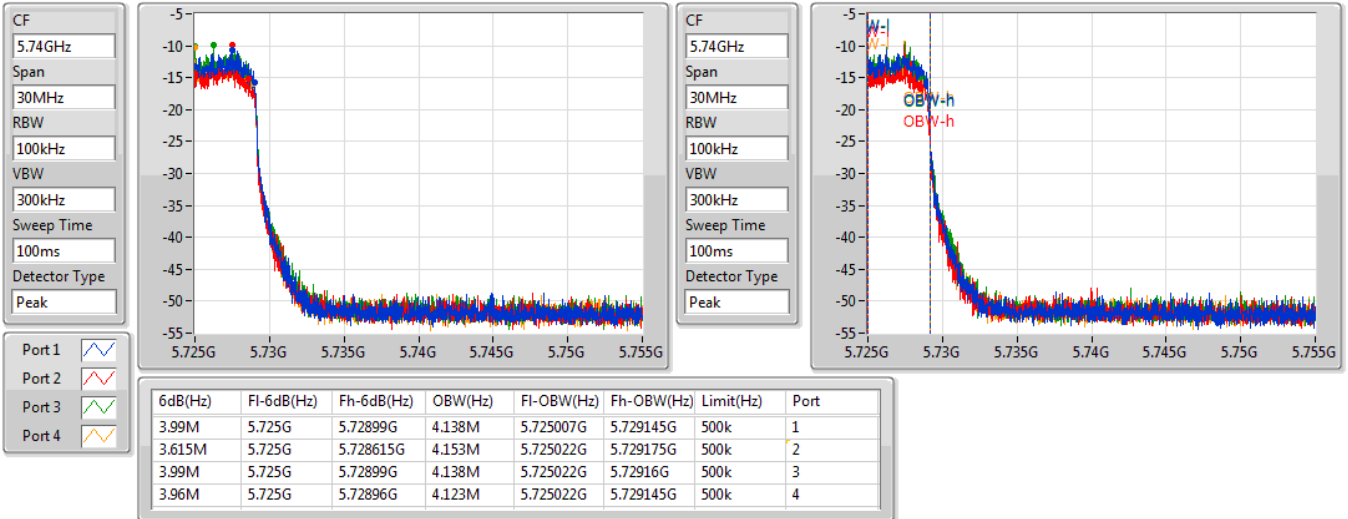
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.485M	5.649515G	5.725G	73.278M	5.651373G	5.724651G	Inf	1
75.408M	5.649593G	5.725G	73.123M	5.651296G	5.724419G	Inf	2
75.485M	5.649515G	5.725G	73.278M	5.651373G	5.724651G	Inf	3
75.795M	5.649205G	5.725G	73.201M	5.651296G	5.724497G	Inf	4

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

EBW

5690MHz Straddle 5.725-5.85GHz

03/12/2019

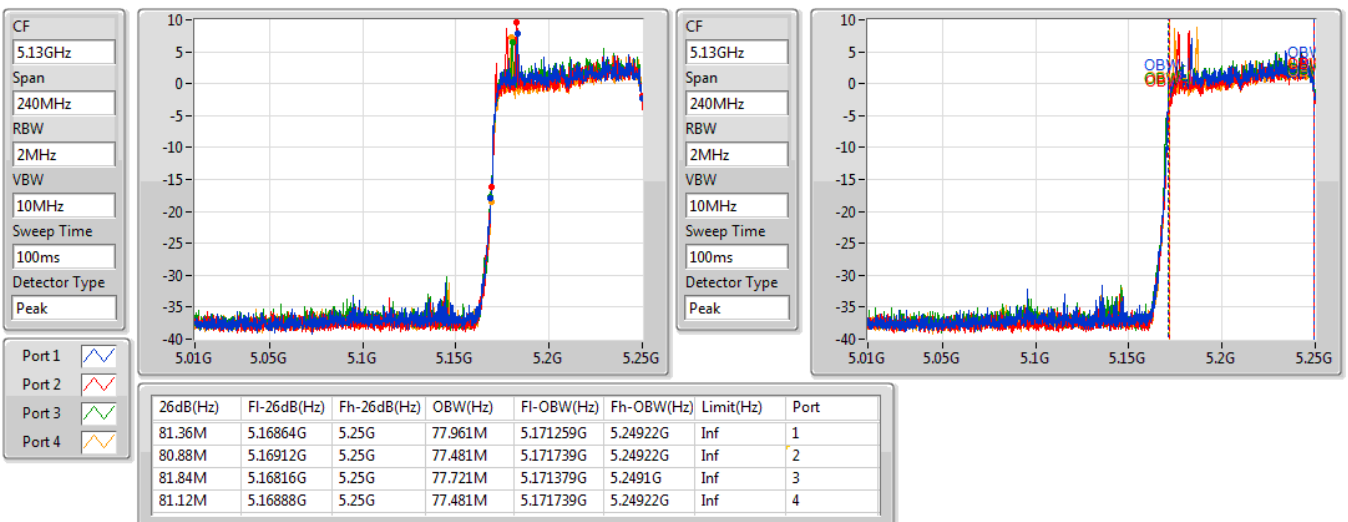


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/12/2019

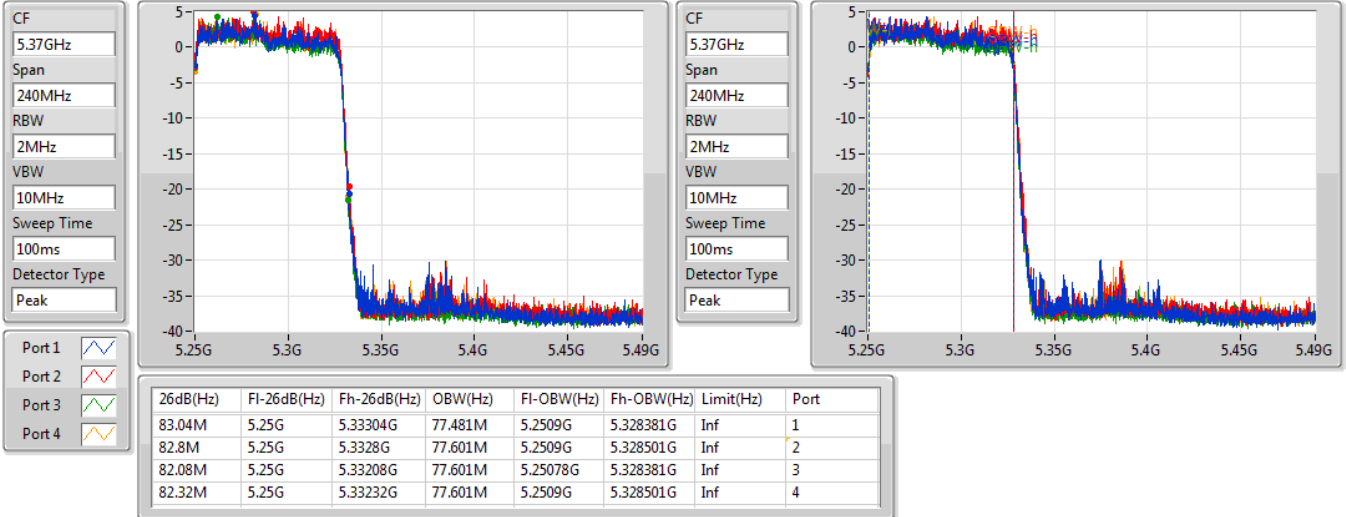


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/12/2019

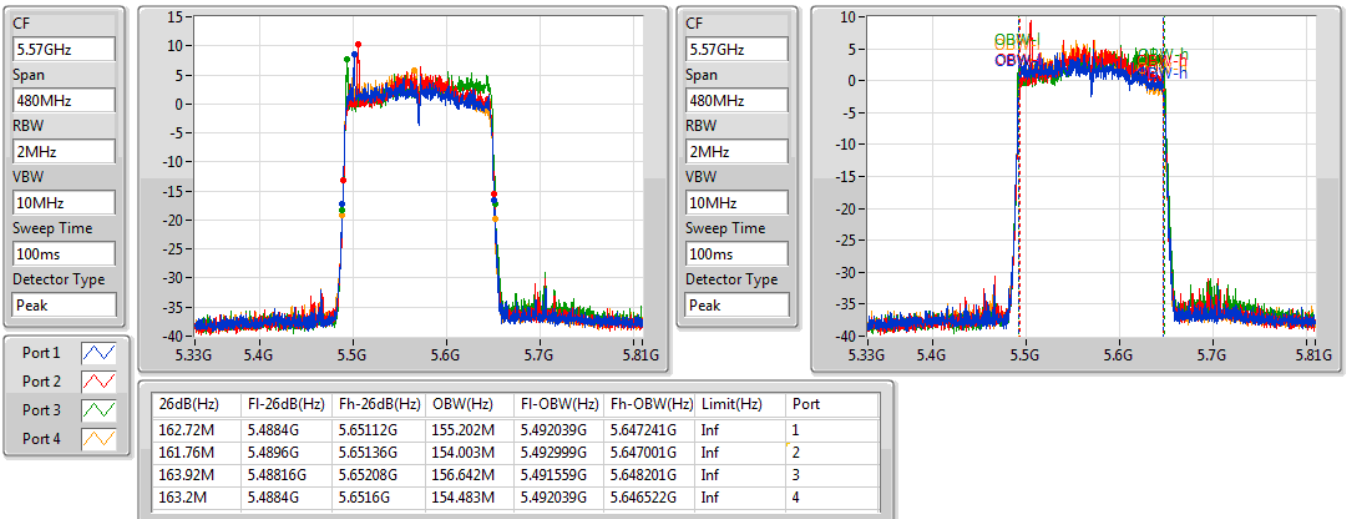


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5570MHz

03/12/2019







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	82.44M	76.762M	76M8D1D	80.64M	76.522M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.84M	77.601M	77M6D1D	80.88M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.6M	17.901M	17M9D1D	21.42M	17.811M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.26M	36.522M	36M5D1D	39.48M	36.342M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.96M	76.042M	76M0D1D	80.52M	75.562M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	82.2M	76.642M	76M6D1D	81.96M	76.402M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.6M	19.16M	19M2D1D	21.27M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.68M	37.541M	37M5D1D	39.9M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.241M	77M2D1D	81.24M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.76M	77.601M	77M6D1D	82.2M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.66M	17.931M	17M9D1D	15.698M	13.976M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.68M	36.522M	36M5D1D	34.838M	33.096M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.56M	76.162M	76M2D1D	75.33M	72.504M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	165.12M	154.003M	154MD1D	163.44M	153.523M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.66M	19.16M	19M2D1D	15.645M	14.5M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.56M	37.601M	37M6D1D	35.138M	33.621M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.84M	77.241M	77M2D1D	75.408M	73.123M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.64M	155.202M	155MD1D	160.8M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.78M	4.453M	4M45D1D	3.765M	4.408M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.225M	3.718M	3M72D1D	3.15M	3.658M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.27M	4.078M	4M08D1D	3.105M	3.973M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.575M	4.798M	4M80D1D	4.47M	4.738M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.975M	4.108M	4M11D1D	3.795M	4.108M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.99M	4.198M	4M20D1D	3.93M	4.153M

**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	21.57M	17.871M	21.45M	17.901M	21.42M	17.901M	21.6M	17.871M
5300MHz	Pass	Inf	21.54M	17.871M	21.48M	17.901M	21.57M	17.901M	21.54M	17.871M
5320MHz	Pass	Inf	21.57M	17.811M	21.51M	17.901M	21.54M	17.901M	21.48M	17.871M
5500MHz	Pass	Inf	21.57M	17.901M	21.63M	17.871M	21.48M	17.871M	21.51M	17.901M
5580MHz	Pass	Inf	21.51M	17.841M	21.51M	17.871M	21.51M	17.901M	21.51M	17.871M
5700MHz	Pass	Inf	21.63M	17.841M	21.51M	17.901M	21.51M	17.871M	21.66M	17.931M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.715M	13.976M	15.785M	13.993M	15.698M	13.976M	15.785M	14.028M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.438M	3.765M	4.423M	3.765M	4.453M	3.765M	4.408M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.96M	36.522M	40.26M	36.342M	39.84M	36.402M	39.78M	36.402M
5310MHz	Pass	Inf	40.14M	36.462M	39.78M	36.402M	39.48M	36.462M	39.72M	36.522M
5510MHz	Pass	Inf	40.62M	36.342M	40.02M	36.462M	39.66M	36.402M	40.2M	36.402M
5550MHz	Pass	Inf	40.26M	36.342M	39.78M	36.462M	40.38M	36.402M	39.78M	36.522M
5670MHz	Pass	Inf	40.68M	36.402M	39.78M	36.342M	39.72M	36.462M	40.2M	36.462M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.063M	33.096M	35.063M	33.208M	35.438M	33.133M	34.838M	33.133M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	3.658M	3.225M	3.688M	3.15M	3.673M	3.15M	3.718M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.64M	75.562M	80.52M	75.682M	81.96M	76.042M	80.88M	75.682M
5530MHz	Pass	Inf	82.56M	75.802M	81.36M	75.682M	80.76M	75.802M	81.24M	76.162M
5610MHz	Pass	Inf	80.52M	75.682M	80.88M	75.682M	80.76M	75.802M	80.52M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.563M	72.504M	75.485M	72.814M	75.485M	72.504M	75.33M	72.504M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	4.003M	3.27M	4.078M	3.105M	3.973M	3.135M	3.988M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.44M	76.762M	81.96M	76.522M	80.64M	76.762M	81.96M	76.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.96M	76.642M	82.2M	76.642M	81.96M	76.402M	82.2M	76.522M
5570MHz	Pass	Inf	165.12M	154.003M	163.44M	153.523M	165.12M	154.003M	163.44M	154.003M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.27M	19.1M	21.45M	19.07M	21.45M	19.07M	21.48M	19.16M
5300MHz	Pass	Inf	21.54M	19.1M	21.45M	19.1M	21.45M	19.07M	21.51M	19.13M
5320MHz	Pass	Inf	21.6M	19.1M	21.51M	19.13M	21.57M	19.07M	21.45M	19.04M
5500MHz	Pass	Inf	21.54M	19.13M	21.36M	19.04M	21.66M	19.13M	21.54M	19.1M
5580MHz	Pass	Inf	21.6M	19.16M	21.39M	19.07M	21.48M	19.07M	21.45M	19.1M
5700MHz	Pass	Inf	21.42M	19.04M	21.45M	19.1M	21.54M	19.07M	21.48M	19.13M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	14.5M	15.663M	14.5M	15.68M	14.5M	15.698M	14.535M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.515M	4.738M	4.545M	4.768M	4.575M	4.798M	4.47M	4.753M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.9M	37.541M	40.08M	37.541M	40.68M	37.541M	40.32M	37.481M
5310MHz	Pass	Inf	40.26M	37.481M	40.14M	37.541M	39.96M	37.541M	40.2M	37.481M
5510MHz	Pass	Inf	40.5M	37.541M	40.08M	37.601M	40.32M	37.601M	40.2M	37.601M
5550MHz	Pass	Inf	40.08M	37.541M	40.56M	37.601M	40.26M	37.541M	40.32M	37.541M
5670MHz	Pass	Inf	40.32M	37.541M	40.08M	37.481M	40.2M	37.541M	40.32M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.138M	33.658M	35.25M	33.621M	35.25M	33.621M	35.175M	33.621M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.795M	4.108M	3.96M	4.108M	3.855M	4.108M	3.975M	4.108M



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	81.72M	77.121M	81.36M	77.241M	81.72M	77.001M	81.24M	77.121M
5530MHz	Pass	Inf	80.76M	77.121M	81.36M	77.121M	81.24M	77.001M	80.88M	76.882M
5610MHz	Pass	Inf	81.12M	77.121M	80.88M	76.882M	81.84M	77.241M	81.12M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.408M	73.278M	75.795M	73.123M	75.563M	73.278M	75.64M	73.201M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.99M	4.168M	3.93M	4.198M	3.975M	4.153M	3.99M	4.183M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	77.481M	81.12M	77.601M	81.84M	77.601M	81.48M	77.601M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.2M	77.601M	82.2M	77.481M	82.68M	77.601M	83.76M	77.601M
5570MHz	Pass	Inf	163.92M	154.963M	162.96M	154.723M	164.64M	155.202M	160.8M	154.723M

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

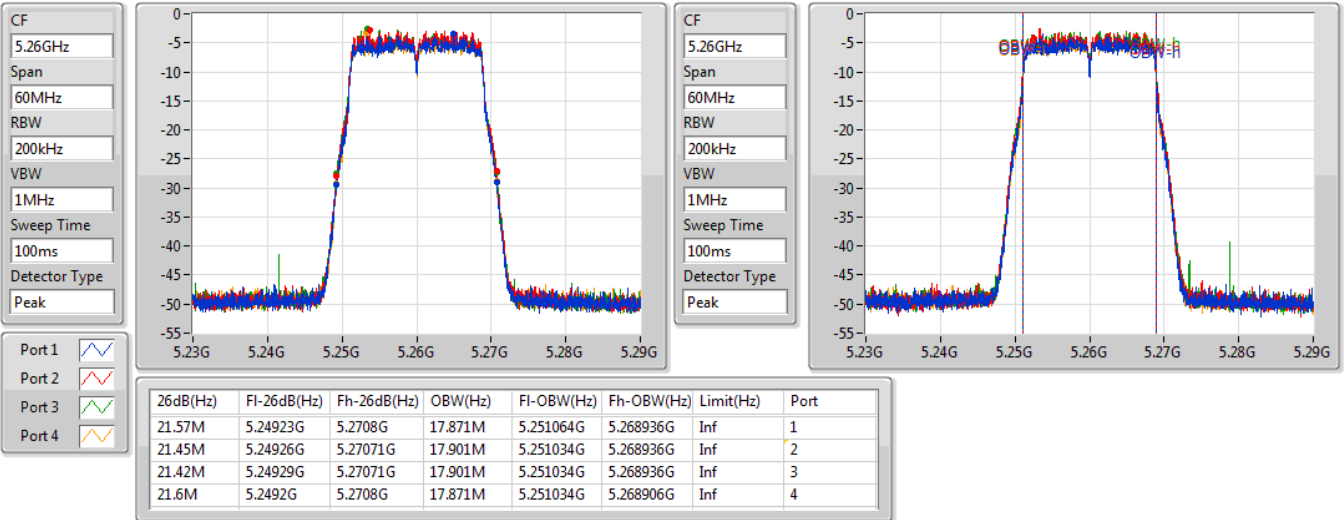
Port X-OBW = Port X 99% occupied bandwidth;

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

EBW

5260MHz

03/12/2019

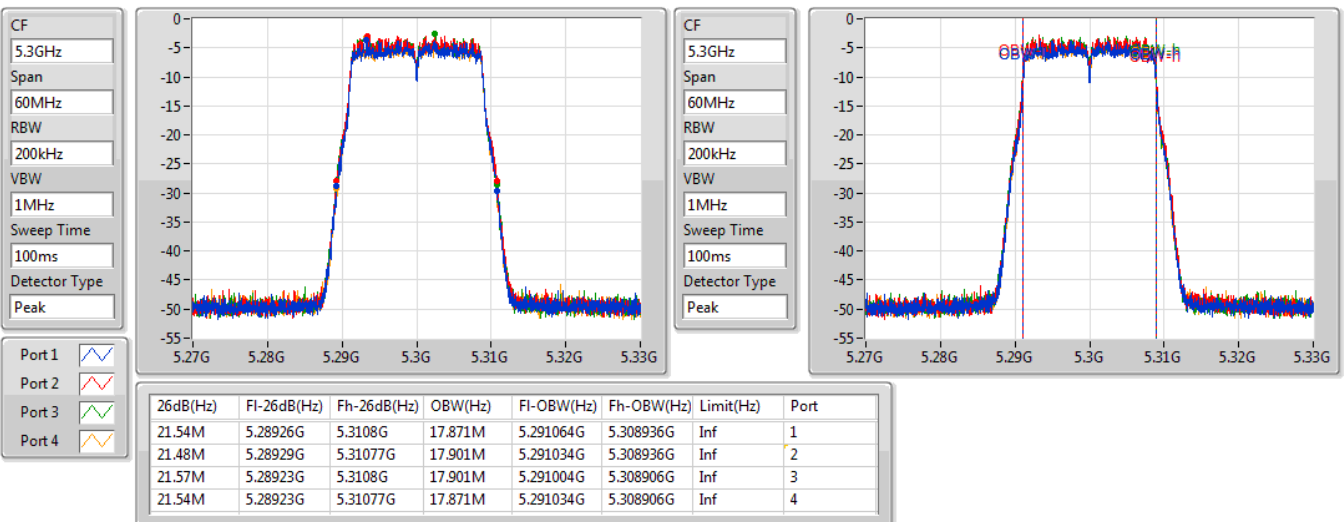


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5300MHz

03/12/2019



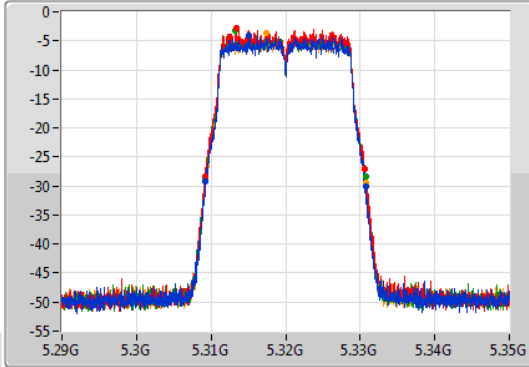
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

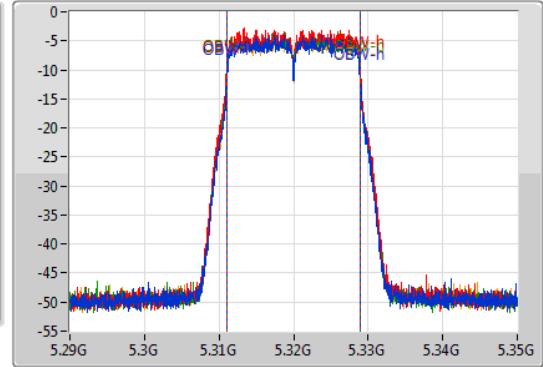
5320MHz

03/12/2019

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



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



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	5.3092G	5.33077G	17.811M	5.311094G	5.328906G	Inf	1
21.51M	5.30917G	5.33068G	17.901M	5.311004G	5.328906G	Inf	2
21.54M	5.3092G	5.33074G	17.901M	5.311004G	5.328906G	Inf	3
21.48M	5.30923G	5.33071G	17.871M	5.311034G	5.328906G	Inf	4

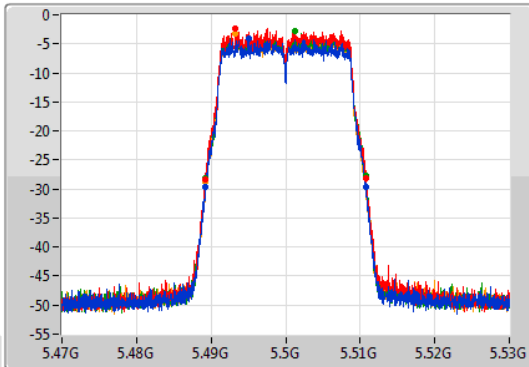
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

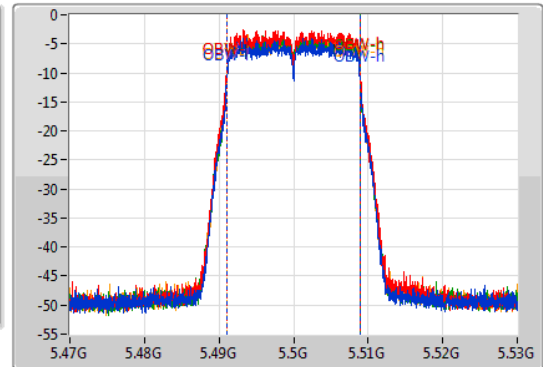
5500MHz

03/12/2019

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



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



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	5.48923G	5.5108G	17.901M	5.491034G	5.508936G	Inf	1
21.63M	5.48917G	5.5108G	17.871M	5.491034G	5.508906G	Inf	2
21.48M	5.48926G	5.51074G	17.871M	5.491034G	5.508906G	Inf	3
21.51M	5.4892G	5.51071G	17.901M	5.491034G	5.508936G	Inf	4

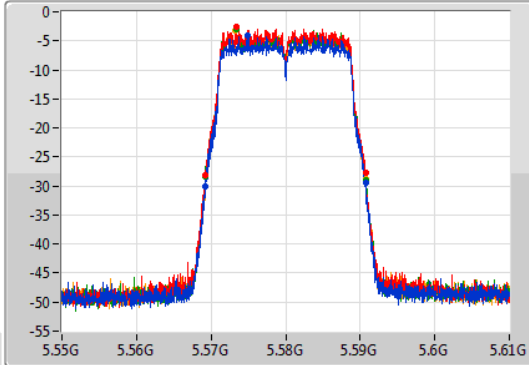
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

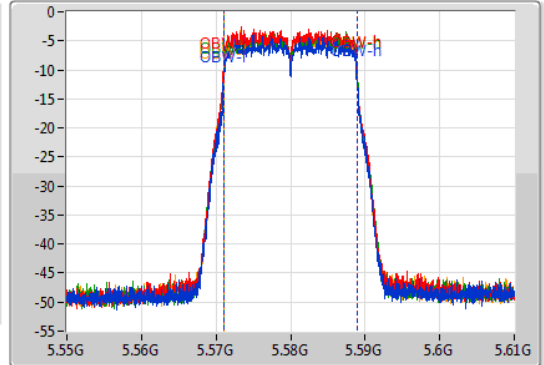
5580MHz

03/12/2019

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



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



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
21.51M	5.5692G	5.59071G	17.841M	5.571064G	5.588906G	Inf	1
21.51M	5.5692G	5.59071G	17.871M	5.571004G	5.588876G	Inf	2
21.51M	5.56923G	5.59074G	17.901M	5.571004G	5.588906G	Inf	3
21.51M	5.5692G	5.59071G	17.871M	5.571004G	5.588876G	Inf	4

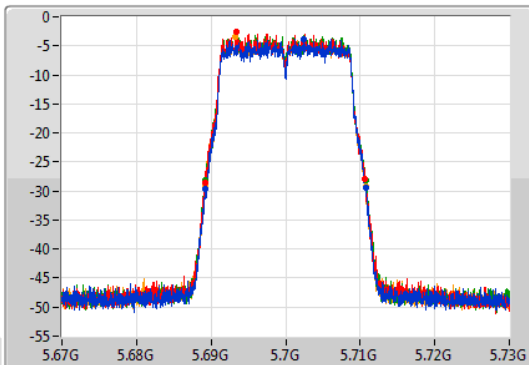
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

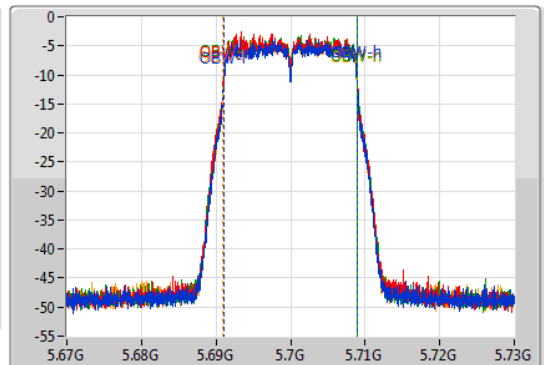
5700MHz

03/12/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

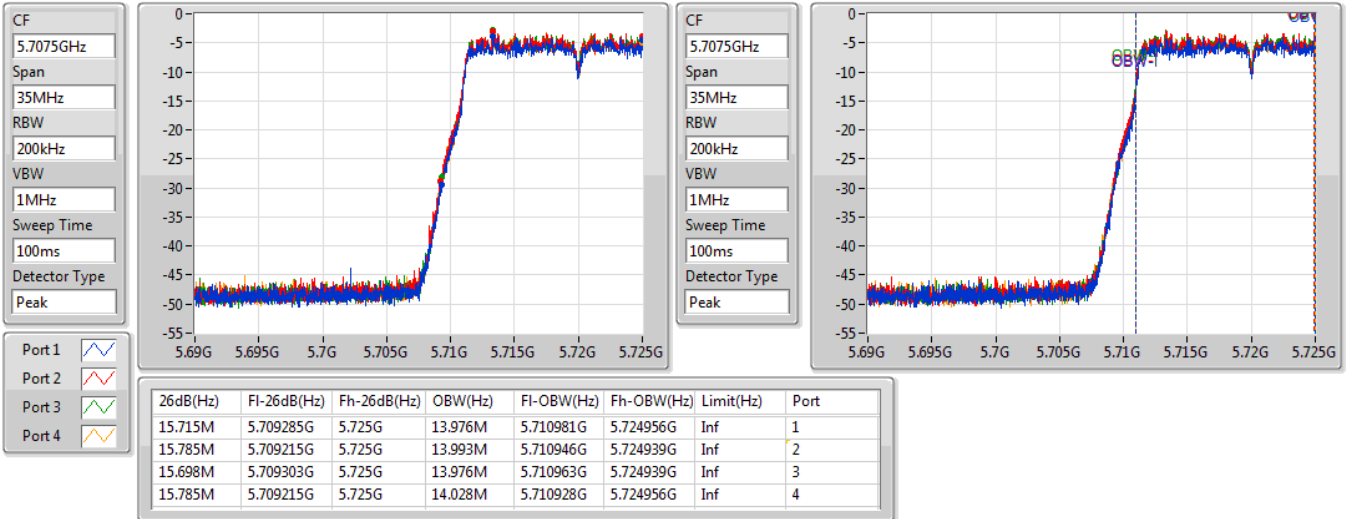
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.68917G	5.7108G	17.841M	5.691064G	5.708906G	Inf	1
21.51M	5.68917G	5.71068G	17.901M	5.691004G	5.708906G	Inf	2
21.51M	5.68923G	5.71074G	17.871M	5.691034G	5.708906G	Inf	3
21.66M	5.68917G	5.71083G	17.931M	5.690975G	5.708906G	Inf	4

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

EBW

5720MHz Straddle 5.47-5.725GHz

03/12/2019

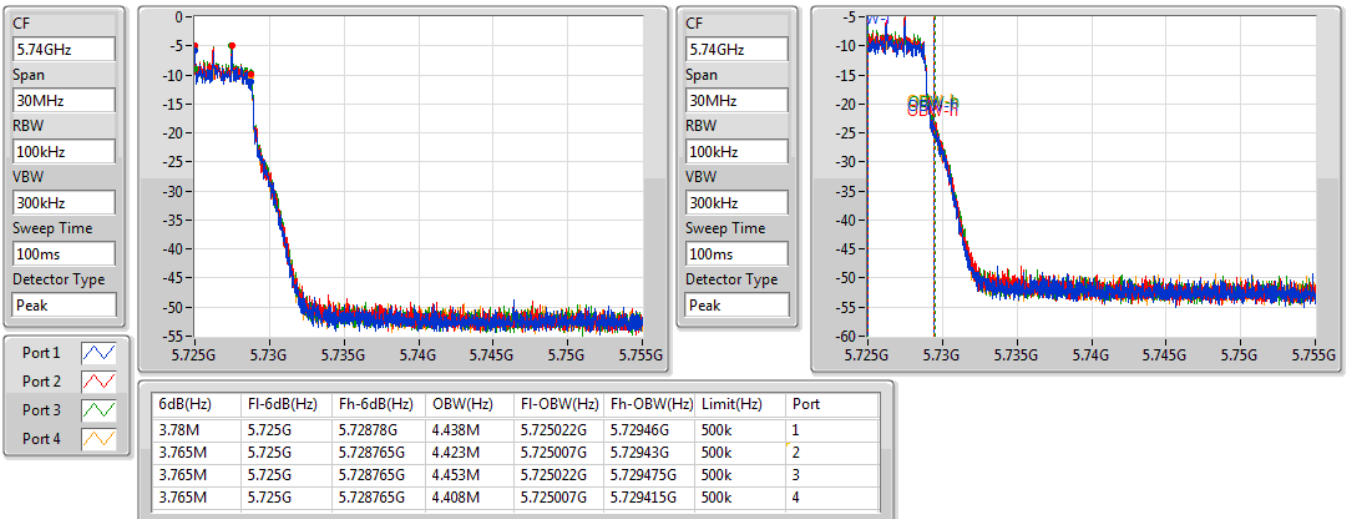


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/12/2019



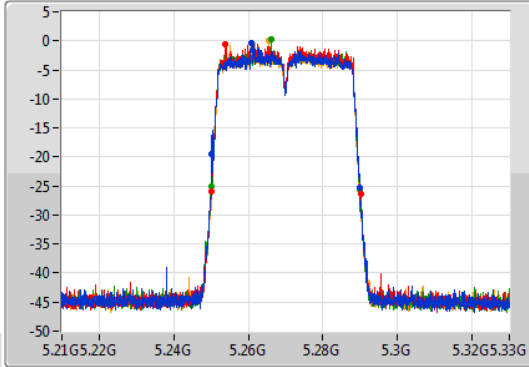
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

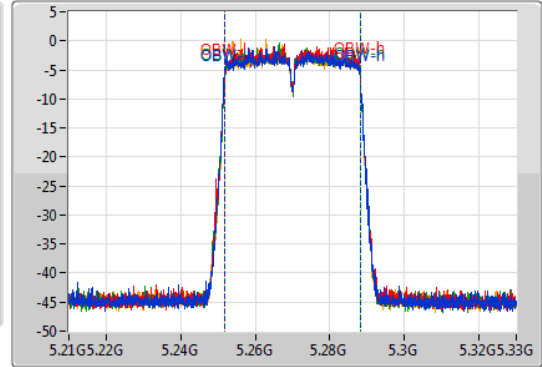
5270MHz

03/12/2019

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  
Peak



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
39.96M	5.25002G	5.28998G	36.522M	5.251649G	5.288171G	Inf	1
40.26M	5.24996G	5.29022G	36.342M	5.251829G	5.288171G	Inf	2
39.84M	5.25014G	5.28998G	36.402M	5.251769G	5.288171G	Inf	3
39.78M	5.25008G	5.28986G	36.402M	5.251769G	5.288171G	Inf	4

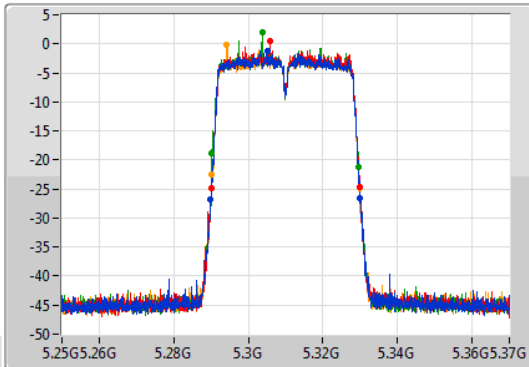
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

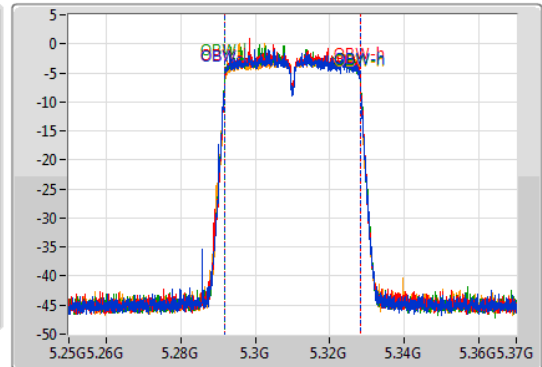
5310MHz

03/12/2019

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  
Peak



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	5.2899G	5.33004G	36.462M	5.291709G	5.328171G	Inf	1
39.78M	5.29002G	5.3298G	36.402M	5.291769G	5.328171G	Inf	2
39.48M	5.2902G	5.32968G	36.462M	5.291769G	5.328231G	Inf	3
39.72M	5.2902G	5.32992G	36.522M	5.291709G	5.328231G	Inf	4



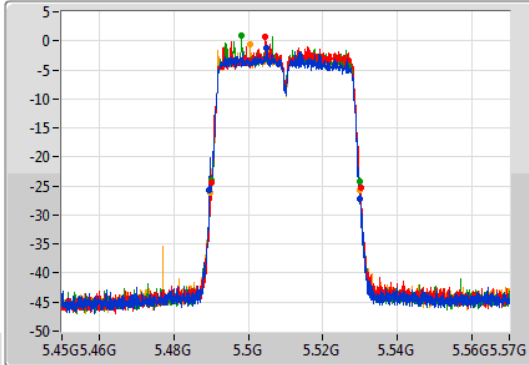
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

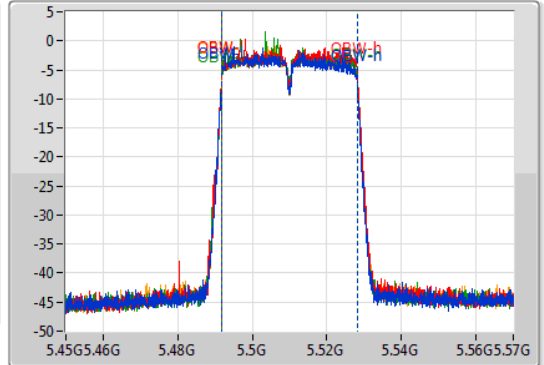
5510MHz

03/12/2019

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: Peak



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
40.62M	5.48942G	5.53004G	36.342M	5.491769G	5.528111G	Inf	1
40.02M	5.49014G	5.53016G	36.462M	5.491769G	5.528231G	Inf	2
39.66M	5.49014G	5.5298G	36.402M	5.491829G	5.528231G	Inf	3
40.2M	5.48978G	5.52998G	36.402M	5.491769G	5.528171G	Inf	4

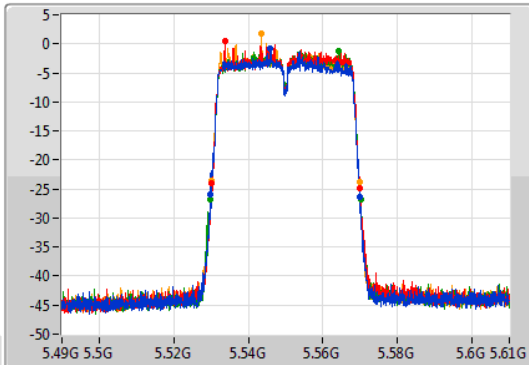
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

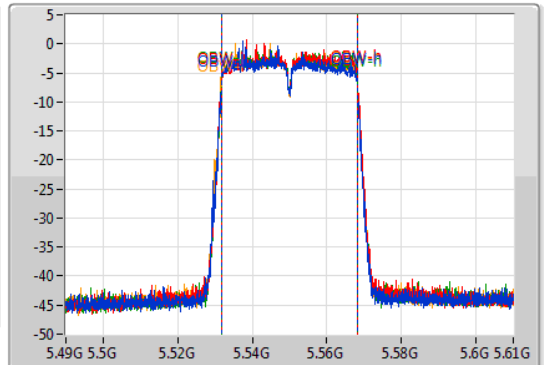
5550MHz

03/12/2019

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: Peak



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
40.26M	5.52972G	5.56998G	36.342M	5.531769G	5.568111G	Inf	1
39.78M	5.5302G	5.56998G	36.462M	5.531769G	5.568231G	Inf	2
40.38M	5.52984G	5.57022G	36.402M	5.531829G	5.568231G	Inf	3
39.78M	5.53002G	5.5698G	36.522M	5.531649G	5.568171G	Inf	4

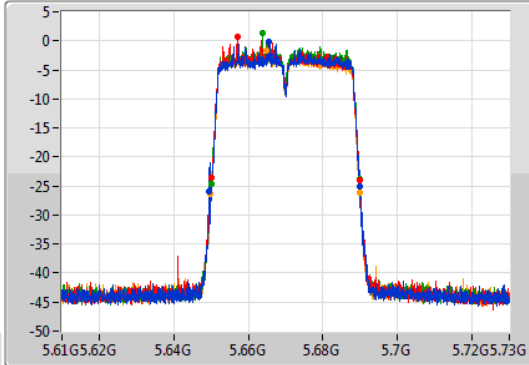
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

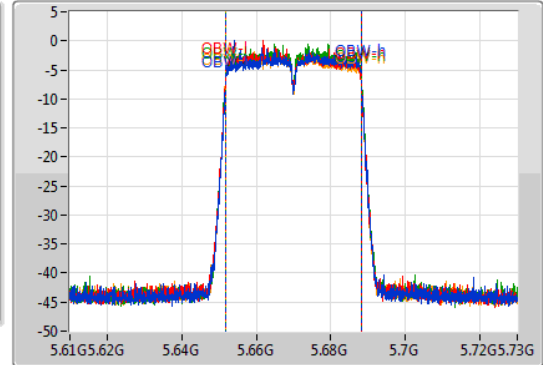
5670MHz

03/12/2019

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: Peak



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
40.68M	5.64936G	5.69004G	36.402M	5.651769G	5.688171G	Inf	1
39.78M	5.65014G	5.68992G	36.342M	5.651769G	5.688111G	Inf	2
39.72M	5.65002G	5.68974G	36.462M	5.651769G	5.688231G	Inf	3
40.2M	5.64978G	5.68998G	36.462M	5.651709G	5.688171G	Inf	4

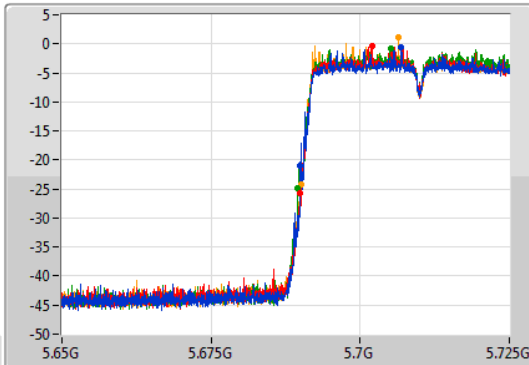
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

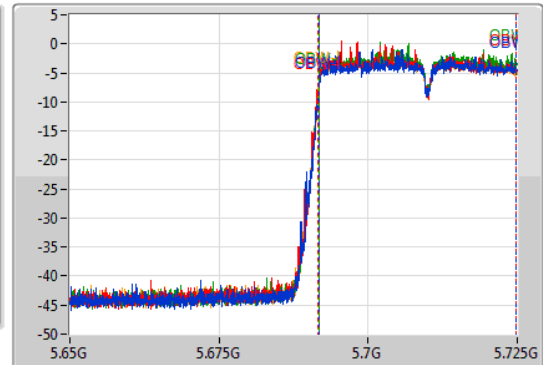
5710MHz Straddle 5.47-5.725GHz

03/12/2019

CF: 5.6875GHz  
 Span: 75MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.6875GHz  
 Span: 75MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



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

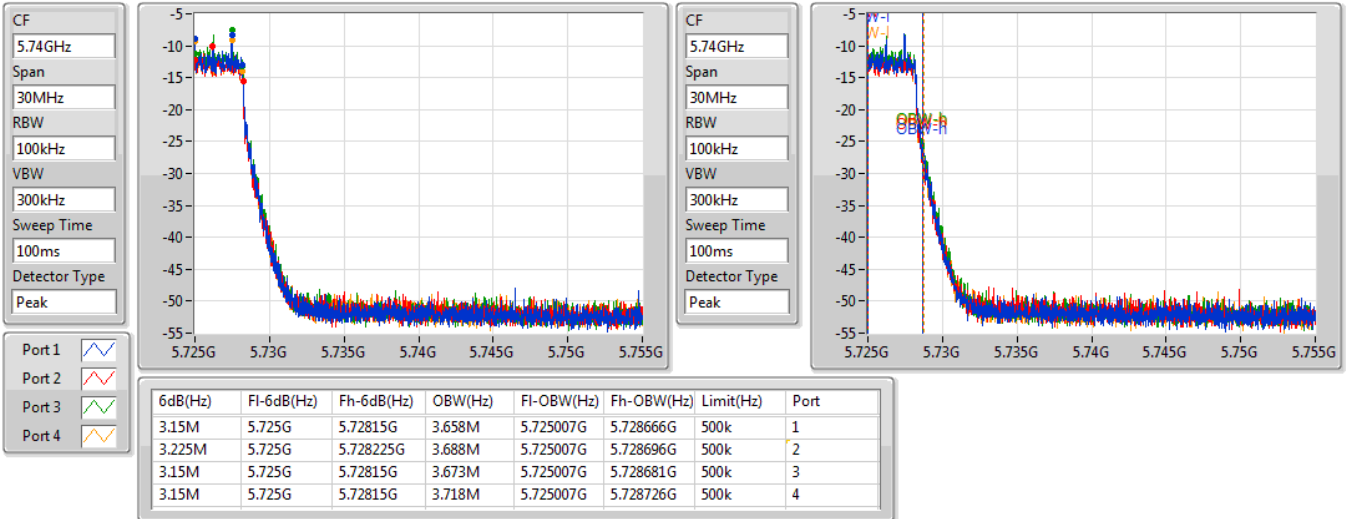
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.063M	5.689938G	5.725G	33.096M	5.691735G	5.724831G	Inf	1
35.063M	5.689938G	5.725G	33.208M	5.691585G	5.724794G	Inf	2
35.438M	5.689563G	5.725G	33.133M	5.691698G	5.724831G	Inf	3
34.838M	5.690163G	5.725G	33.133M	5.69166G	5.724794G	Inf	4

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

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2019

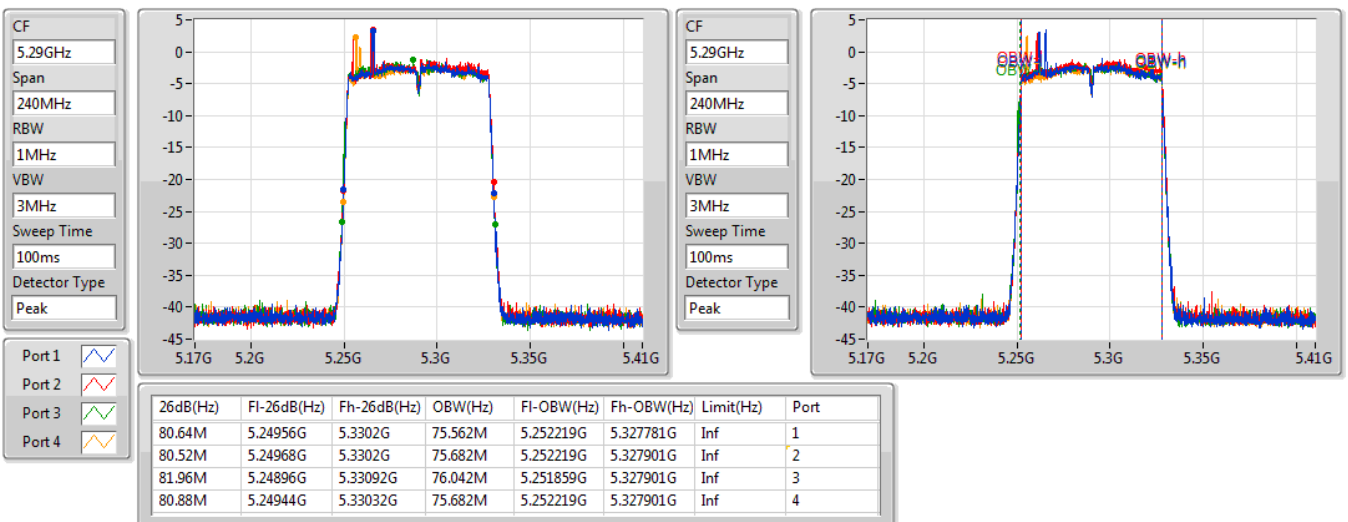


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5290MHz

03/12/2019



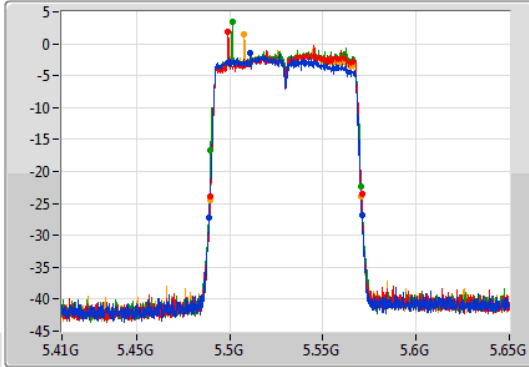
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

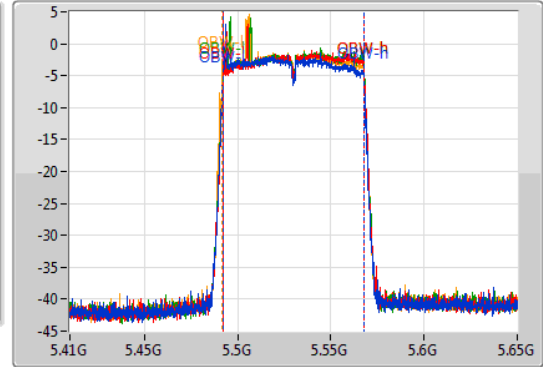
5530MHz

03/12/2019

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: Peak



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
82.56M	5.48872G	5.57128G	75.802M	5.491979G	5.567781G	Inf	1
81.36M	5.48944G	5.5708G	75.682M	5.492219G	5.567901G	Inf	2
80.76M	5.48968G	5.57044G	75.802M	5.492219G	5.568021G	Inf	3
81.24M	5.48932G	5.57056G	76.162M	5.491619G	5.567781G	Inf	4

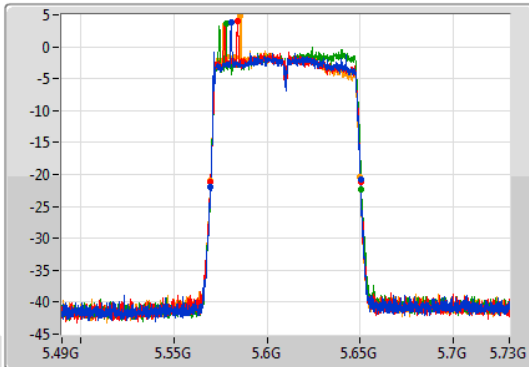
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

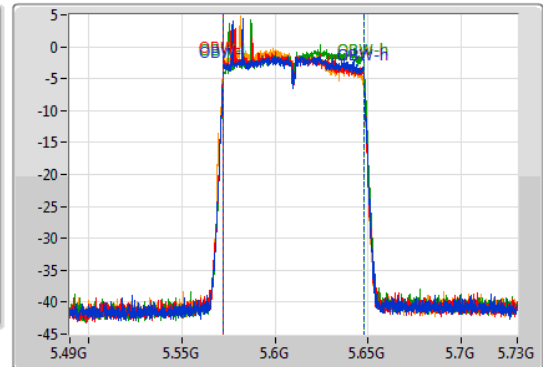
5610MHz

03/12/2019

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: Peak



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

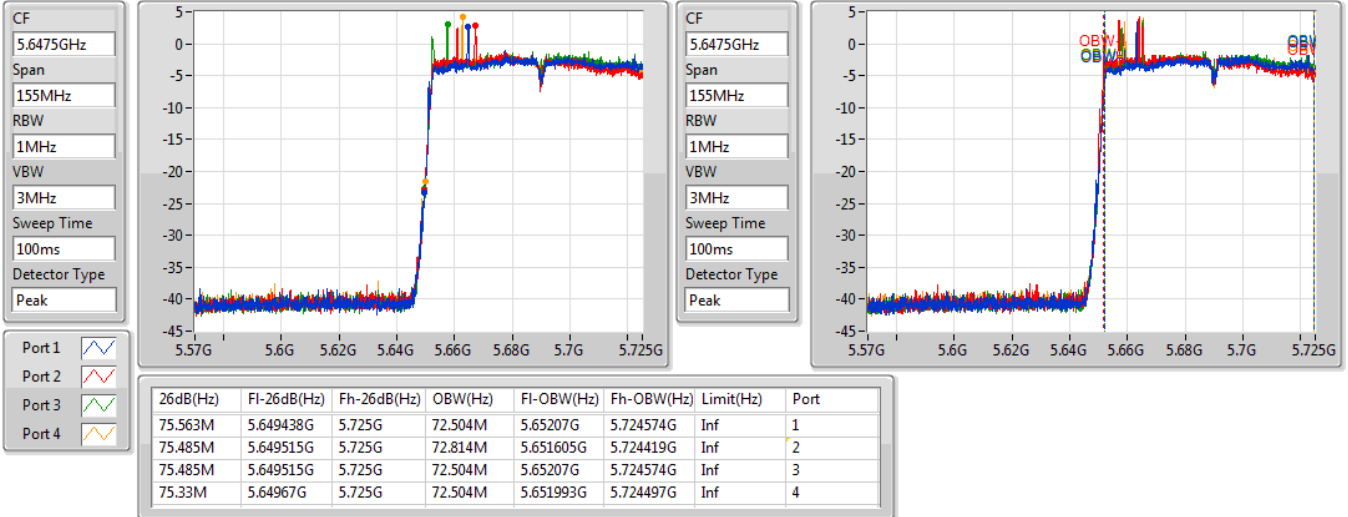
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.56968G	5.6502G	75.682M	5.572099G	5.647781G	Inf	1
80.88M	5.56944G	5.65032G	75.682M	5.572099G	5.647781G	Inf	2
80.76M	5.56968G	5.65044G	75.802M	5.572219G	5.648021G	Inf	3
80.52M	5.56956G	5.65008G	75.682M	5.571979G	5.647661G	Inf	4

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

EBW

5690MHz Straddle 5.47-5.725GHz

04/12/2019

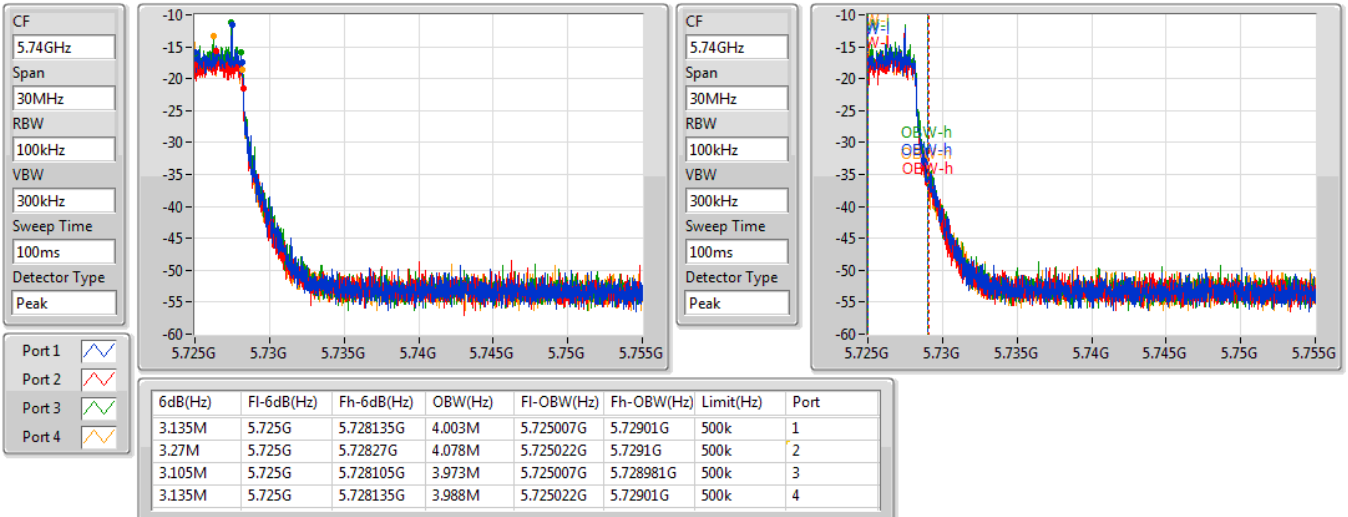


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/12/2019

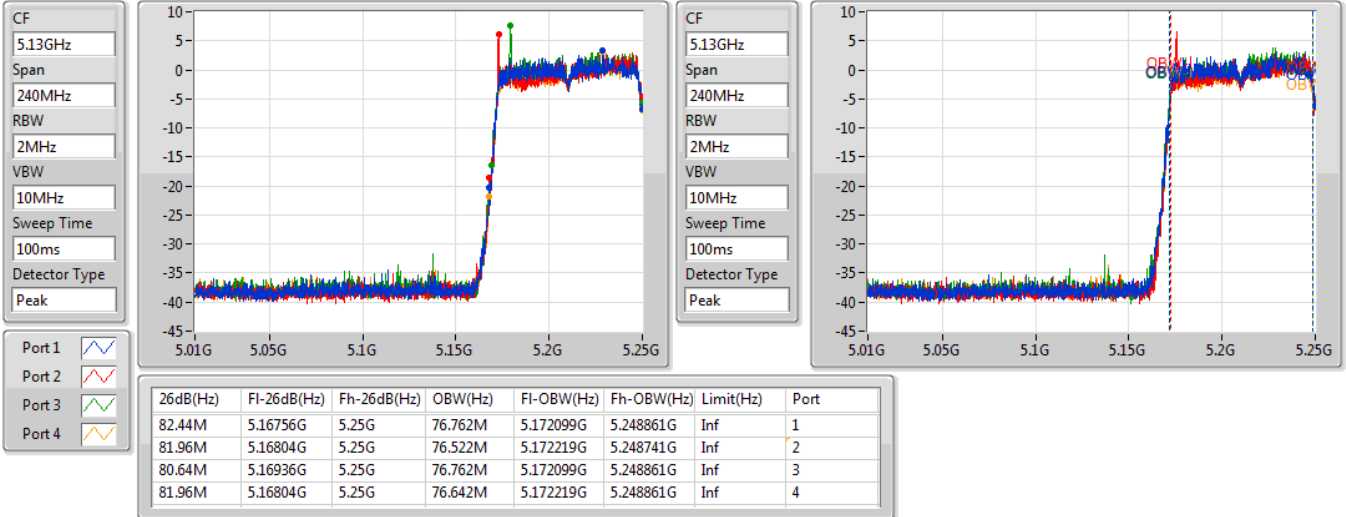


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

04/12/2019

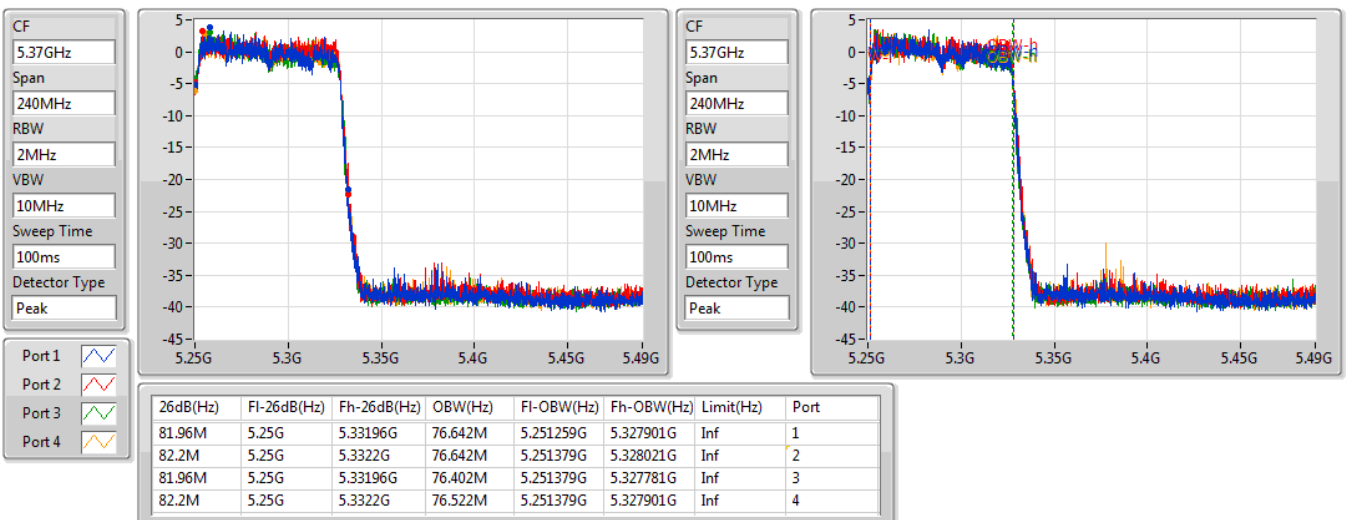


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

04/12/2019

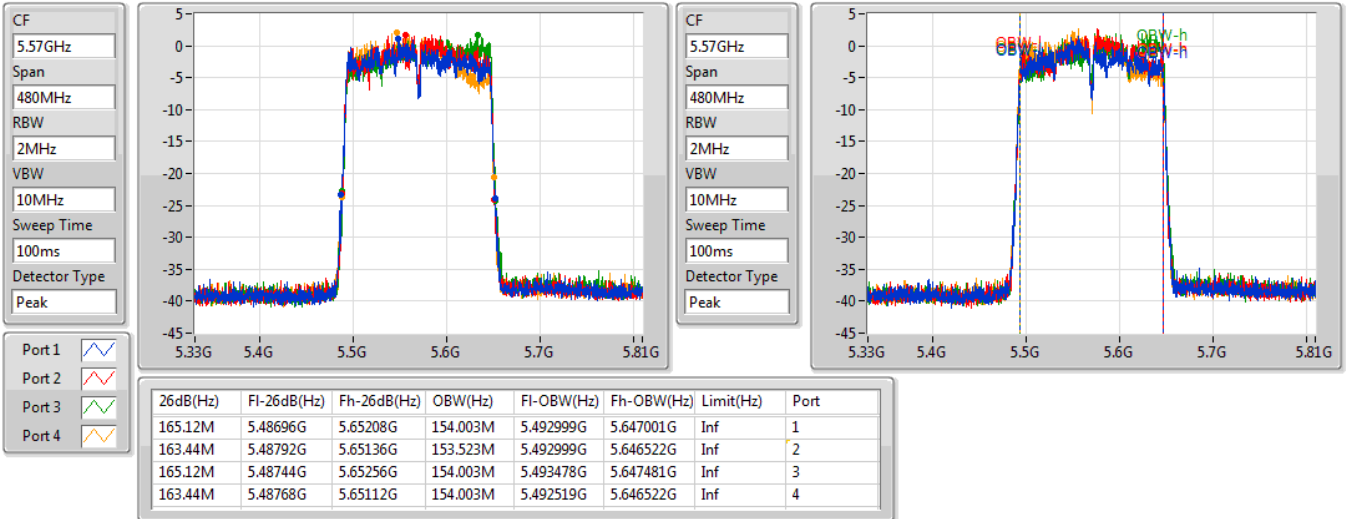


802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

EBW

5570MHz

04/12/2019

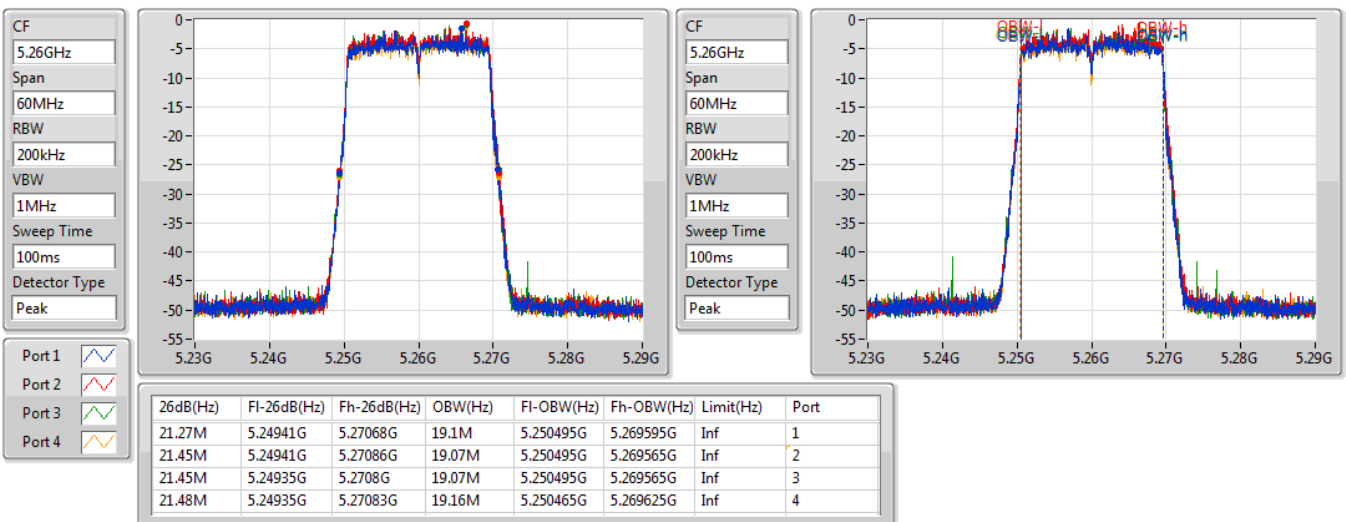


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5260MHz

03/12/2019



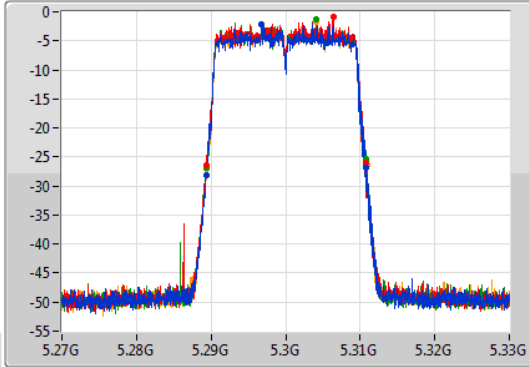
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

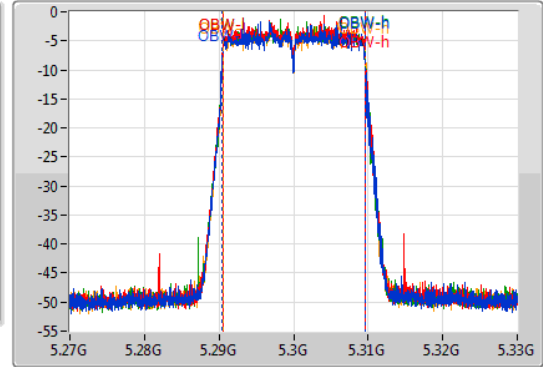
5300MHz

03/12/2019

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



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



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
21.54M	5.28932G	5.31086G	19.1M	5.290465G	5.309565G	Inf	1
21.45M	5.28938G	5.31083G	19.1M	5.290495G	5.309595G	Inf	2
21.45M	5.28932G	5.31077G	19.07M	5.290495G	5.309565G	Inf	3
21.51M	5.28938G	5.31089G	19.13M	5.290495G	5.309625G	Inf	4

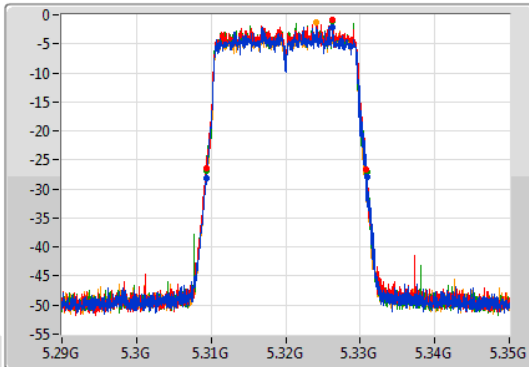
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

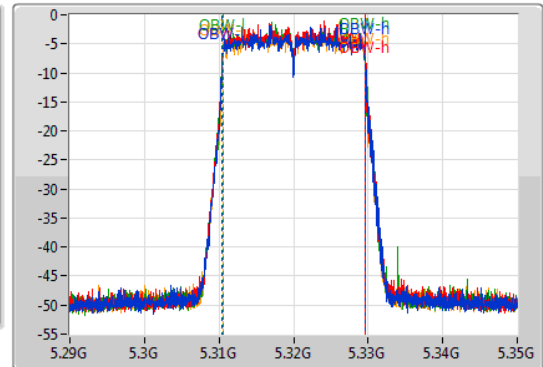
5320MHz

03/12/2019

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



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



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	5.30938G	5.33098G	19.1M	5.310465G	5.329565G	Inf	1
21.51M	5.30935G	5.33086G	19.13M	5.310465G	5.329595G	Inf	2
21.57M	5.30932G	5.33089G	19.07M	5.310495G	5.329565G	Inf	3
21.45M	5.30938G	5.33083G	19.04M	5.310495G	5.329535G	Inf	4



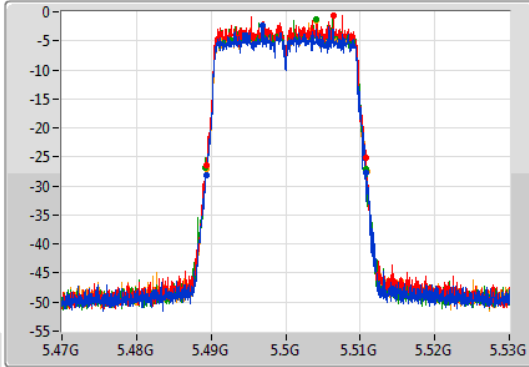
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

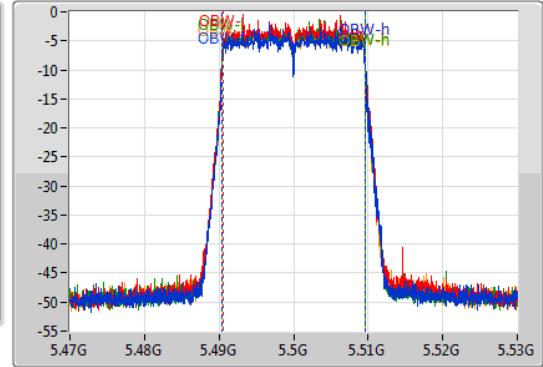
5500MHz

03/12/2019

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



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



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
21.54M	5.48932G	5.51086G	19.13M	5.490465G	5.509595G	Inf	1
21.36M	5.48941G	5.51077G	19.04M	5.490495G	5.509535G	Inf	2
21.66M	5.4892G	5.51086G	19.13M	5.490465G	5.509595G	Inf	3
21.54M	5.48935G	5.51089G	19.1M	5.490465G	5.509565G	Inf	4

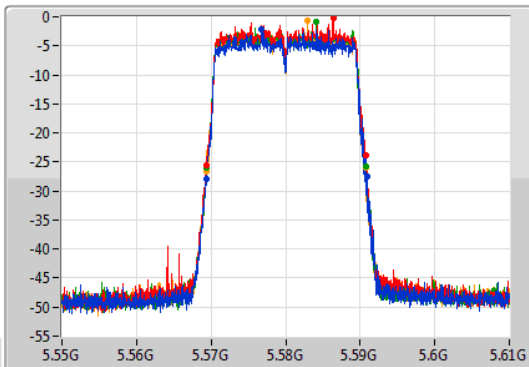
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

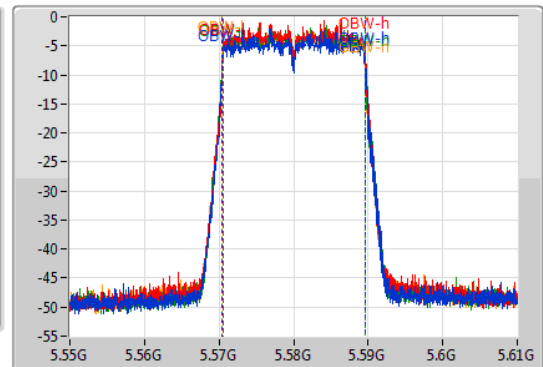
5580MHz

03/12/2019

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



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



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	5.56932G	5.59092G	19.16M	5.570465G	5.589625G	Inf	1
21.39M	5.56935G	5.59074G	19.07M	5.570495G	5.589565G	Inf	2
21.48M	5.56938G	5.59086G	19.07M	5.570495G	5.589565G	Inf	3
21.45M	5.56935G	5.5908G	19.1M	5.570465G	5.589565G	Inf	4

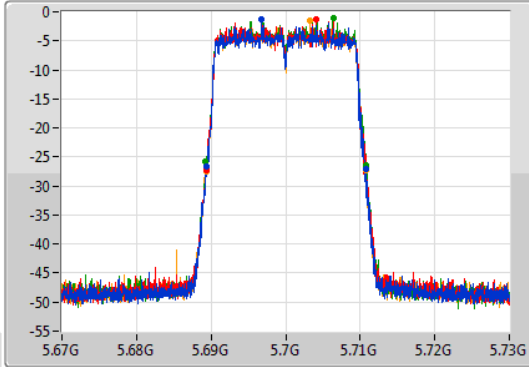
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

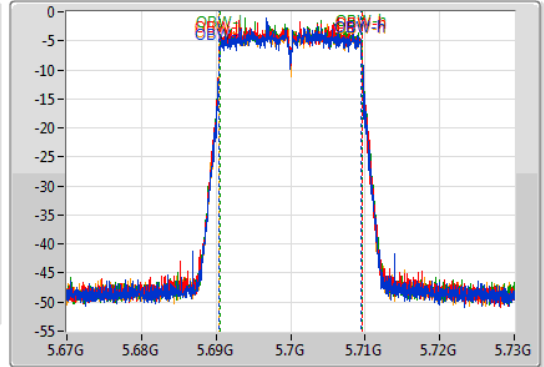
5700MHz

03/12/2019

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



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



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
21.42M	5.68932G	5.71074G	19.04M	5.690465G	5.709505G	Inf	1
21.45M	5.68932G	5.71077G	19.1M	5.690465G	5.709565G	Inf	2
21.54M	5.68929G	5.71083G	19.07M	5.690495G	5.709565G	Inf	3
21.48M	5.68935G	5.71083G	19.13M	5.690465G	5.709595G	Inf	4

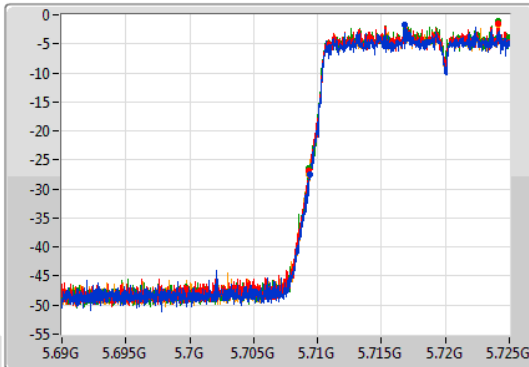
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

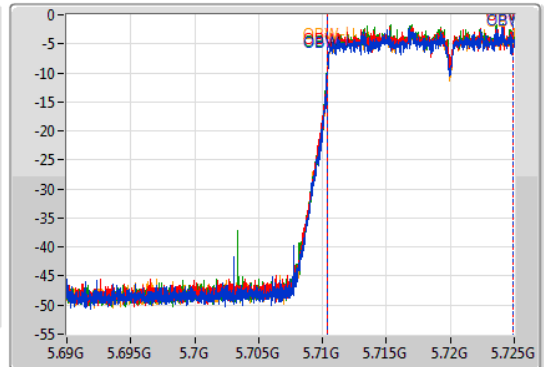
5720MHz Straddle 5.47-5.725GHz

03/12/2019

CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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
15.645M	5.709355G	5.725G	14.5M	5.710421G	5.724921G	Inf	1
15.663M	5.709338G	5.725G	14.5M	5.710421G	5.724921G	Inf	2
15.68M	5.70932G	5.725G	14.5M	5.710421G	5.724921G	Inf	3
15.698M	5.709303G	5.725G	14.535M	5.710404G	5.724939G	Inf	4

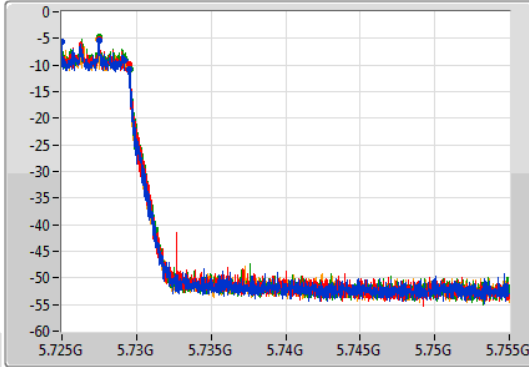
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

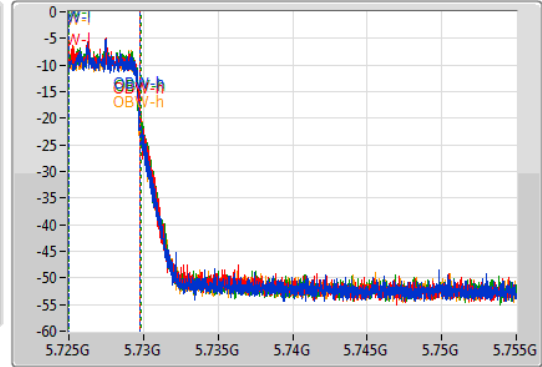
5720MHz Straddle 5.725-5.85GHz

03/12/2019

CF: 5.74GHz  
 Span: 30MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.74GHz  
 Span: 30MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak



Port 1: [Blue line]  
 Port 2: [Red line]  
 Port 3: [Green line]  
 Port 4: [Orange line]

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.515M	5.725G	5.729515G	4.738M	5.725007G	5.729745G	500k	1
4.545M	5.725G	5.729545G	4.768M	5.725022G	5.72979G	500k	2
4.575M	5.725G	5.729575G	4.798M	5.725007G	5.729805G	500k	3
4.47M	5.725G	5.72947G	4.753M	5.725022G	5.729775G	500k	4

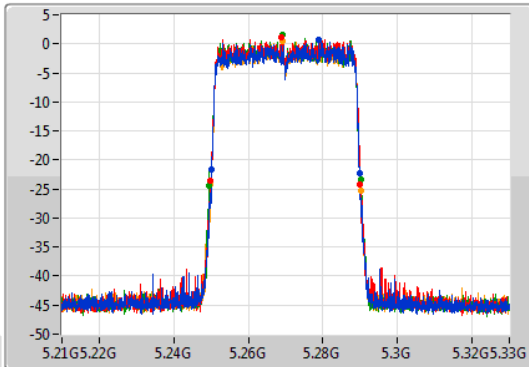
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

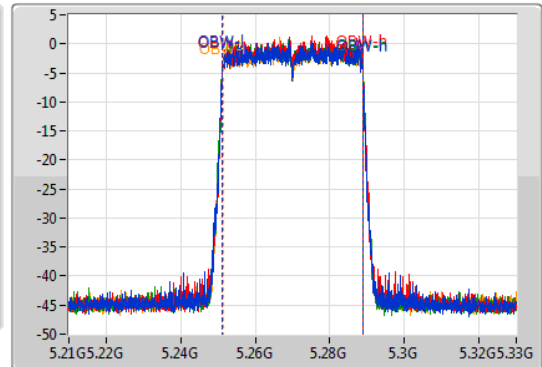
5270MHz

03/12/2019

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: Peak



Port 1: [Blue line]  
 Port 2: [Red line]  
 Port 3: [Green line]  
 Port 4: [Orange line]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.25008G	5.28998G	37.541M	5.251229G	5.288771G	Inf	1
40.08M	5.2499G	5.28998G	37.541M	5.251229G	5.288771G	Inf	2
40.68M	5.24942G	5.2901G	37.541M	5.251229G	5.288771G	Inf	3
40.32M	5.24984G	5.29016G	37.481M	5.251289G	5.288771G	Inf	4

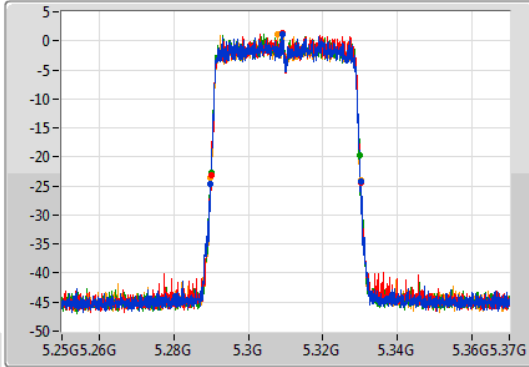
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

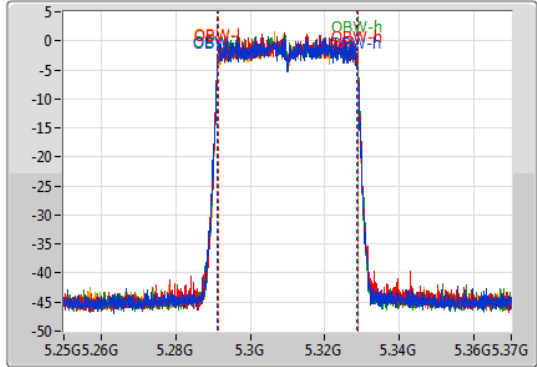
5310MHz

03/12/2019

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  
Peak



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	5.2899G	5.3301G	37.481M	5.291229G	5.328711G	Inf	1
40.14M	5.28996G	5.3301G	37.541M	5.291289G	5.328831G	Inf	2
39.96M	5.28996G	5.32992G	37.541M	5.291229G	5.328771G	Inf	3
40.2M	5.2899G	5.3301G	37.481M	5.291289G	5.328771G	Inf	4

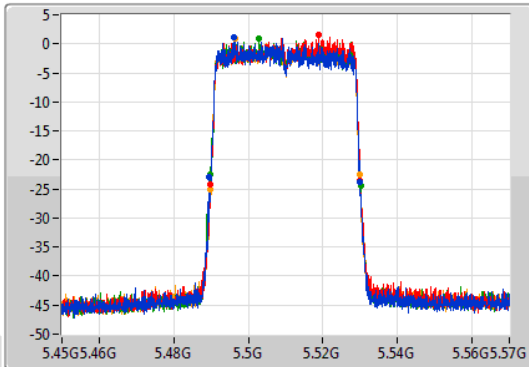
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

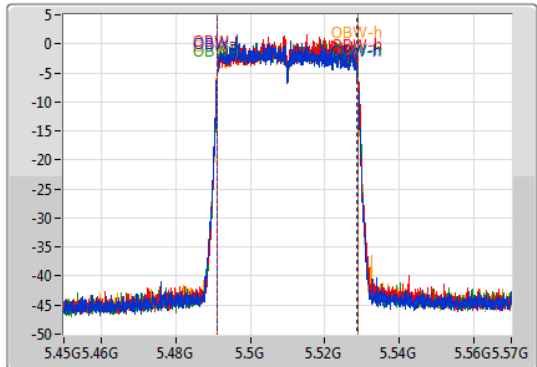
5510MHz

03/12/2019

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  
Peak



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
40.5M	5.48948G	5.52998G	37.541M	5.491169G	5.528711G	Inf	1
40.08M	5.48984G	5.52992G	37.601M	5.491229G	5.528831G	Inf	2
40.32M	5.48978G	5.5301G	37.601M	5.491169G	5.528771G	Inf	3
40.2M	5.48984G	5.53004G	37.601M	5.491169G	5.528771G	Inf	4



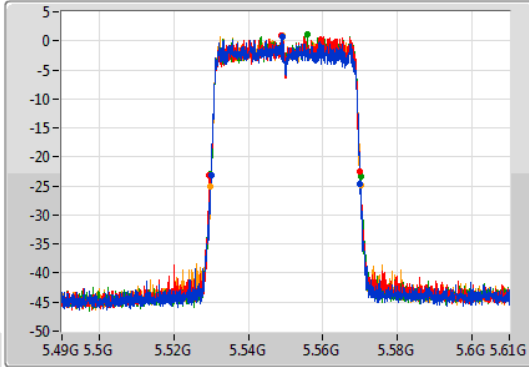
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

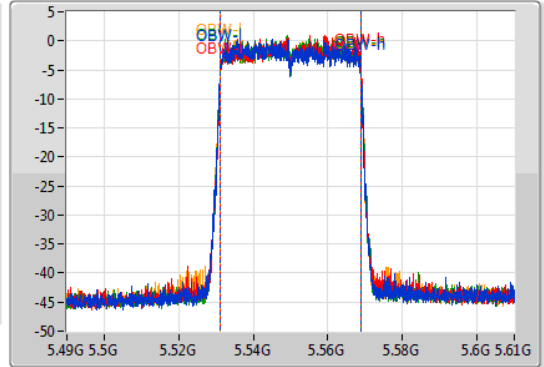
5550MHz

03/12/2019

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  
Peak



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	5.52996G	5.57004G	37.541M	5.531229G	5.568771G	Inf	1
40.56M	5.52948G	5.57004G	37.601M	5.531229G	5.568831G	Inf	2
40.26M	5.5299G	5.57016G	37.541M	5.531229G	5.568771G	Inf	3
40.32M	5.5299G	5.57022G	37.541M	5.531229G	5.568771G	Inf	4

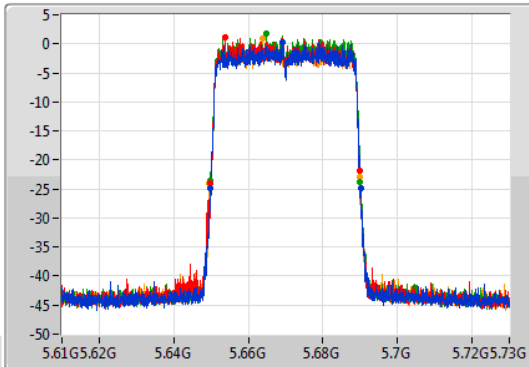
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

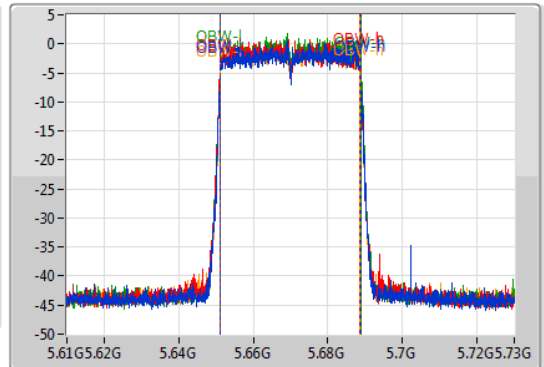
5670MHz

03/12/2019

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  
Peak



Port 1  
Port 2  
Port 3  
Port 4

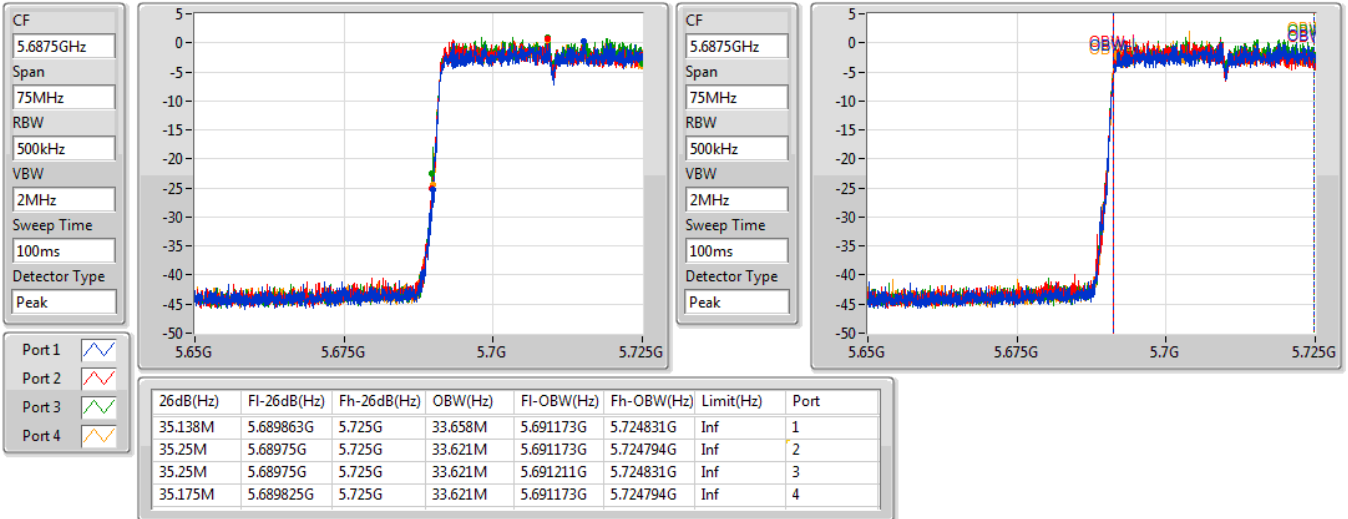
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.64984G	5.69016G	37.541M	5.651229G	5.688771G	Inf	1
40.08M	5.64984G	5.68992G	37.481M	5.651229G	5.688711G	Inf	2
40.2M	5.64984G	5.69004G	37.541M	5.651229G	5.688771G	Inf	3
40.32M	5.6496G	5.68992G	37.481M	5.651229G	5.688711G	Inf	4

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

EBW

5710MHz Straddle 5.47-5.725GHz

03/12/2019

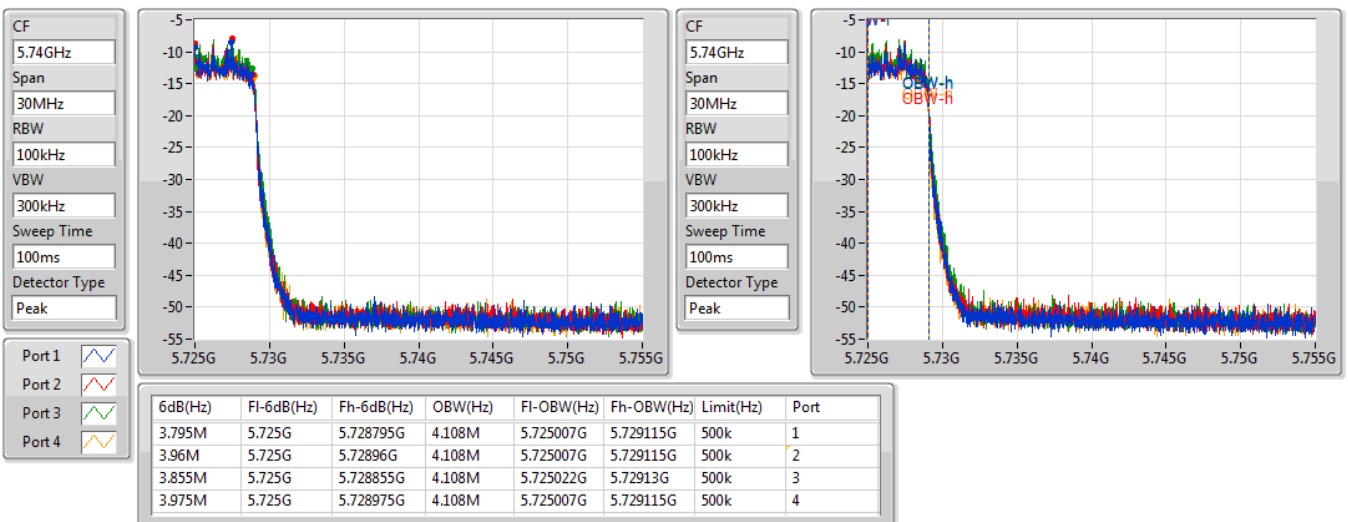


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2019



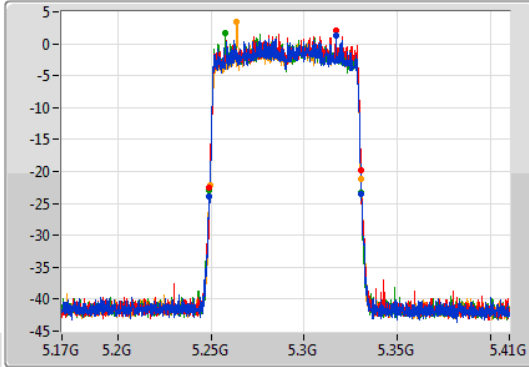
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

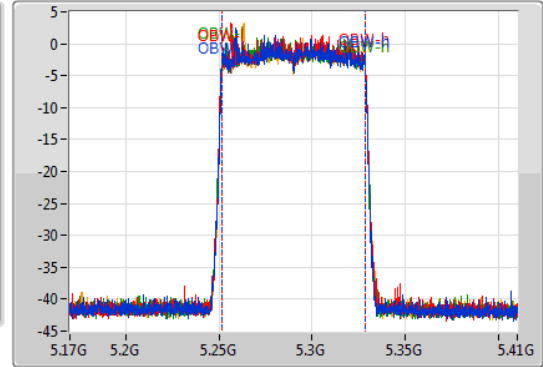
5290MHz

03/12/2019

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  
Peak



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
81.72M	5.24896G	5.33068G	77.121M	5.251379G	5.328501G	Inf	1
81.36M	5.2492G	5.33056G	77.241M	5.251379G	5.328621G	Inf	2
81.72M	5.24896G	5.33068G	77.001M	5.251499G	5.328501G	Inf	3
81.24M	5.24932G	5.33056G	77.121M	5.251379G	5.328501G	Inf	4

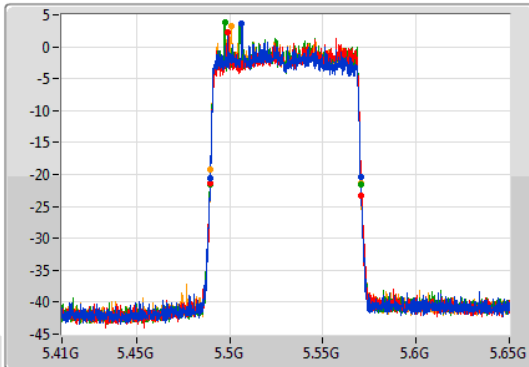
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

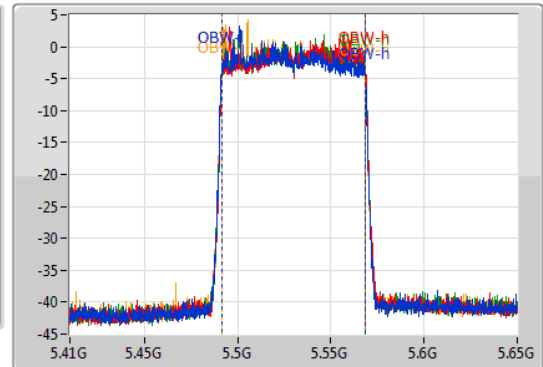
5530MHz

03/12/2019

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  
Peak



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
80.76M	5.48944G	5.5702G	77.121M	5.491259G	5.568381G	Inf	1
81.36M	5.48932G	5.57068G	77.121M	5.491499G	5.568621G	Inf	2
81.24M	5.48932G	5.57056G	77.001M	5.491499G	5.568501G	Inf	3
80.88M	5.48956G	5.57044G	76.882M	5.491499G	5.568381G	Inf	4

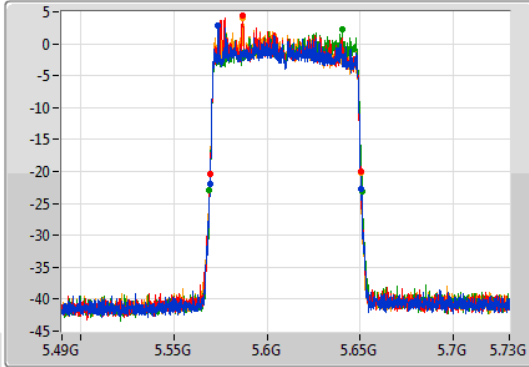
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

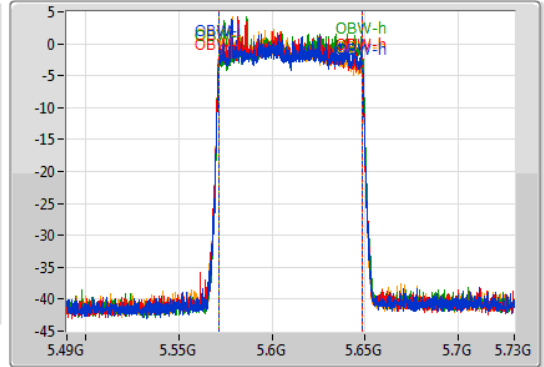
5610MHz

03/12/2019

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: Peak



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
81.12M	5.56944G	5.65056G	77.121M	5.571379G	5.648501G	Inf	1
80.88M	5.56932G	5.6502G	76.882M	5.571379G	5.648261G	Inf	2
81.84M	5.5692G	5.65104G	77.241M	5.571379G	5.648621G	Inf	3
81.12M	5.56932G	5.65044G	77.001M	5.571259G	5.648261G	Inf	4

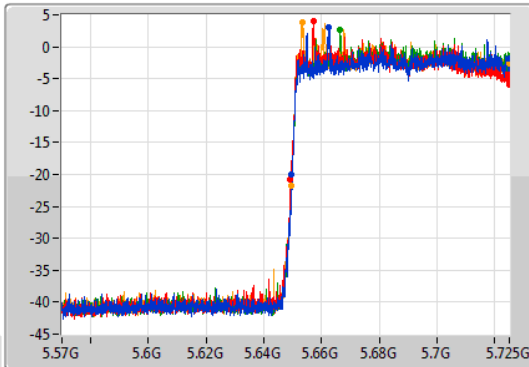
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

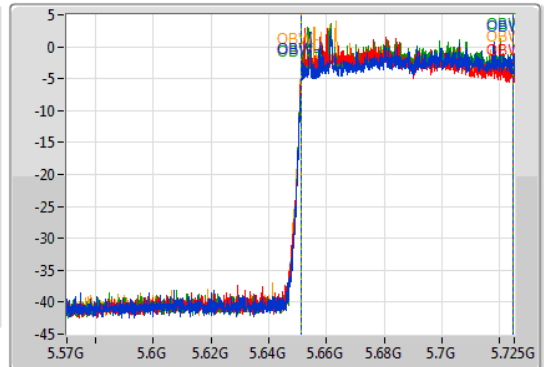
5690MHz Straddle 5.47-5.725GHz

03/12/2019

CF: 5.6475GHz  
 Span: 155MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.6475GHz  
 Span: 155MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



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
75.408M	5.649593G	5.725G	73.278M	5.651373G	5.724651G	Inf	1
75.795M	5.649205G	5.725G	73.123M	5.651296G	5.724419G	Inf	2
75.563M	5.649438G	5.725G	73.278M	5.651373G	5.724651G	Inf	3
75.64M	5.64936G	5.725G	73.201M	5.651296G	5.724497G	Inf	4

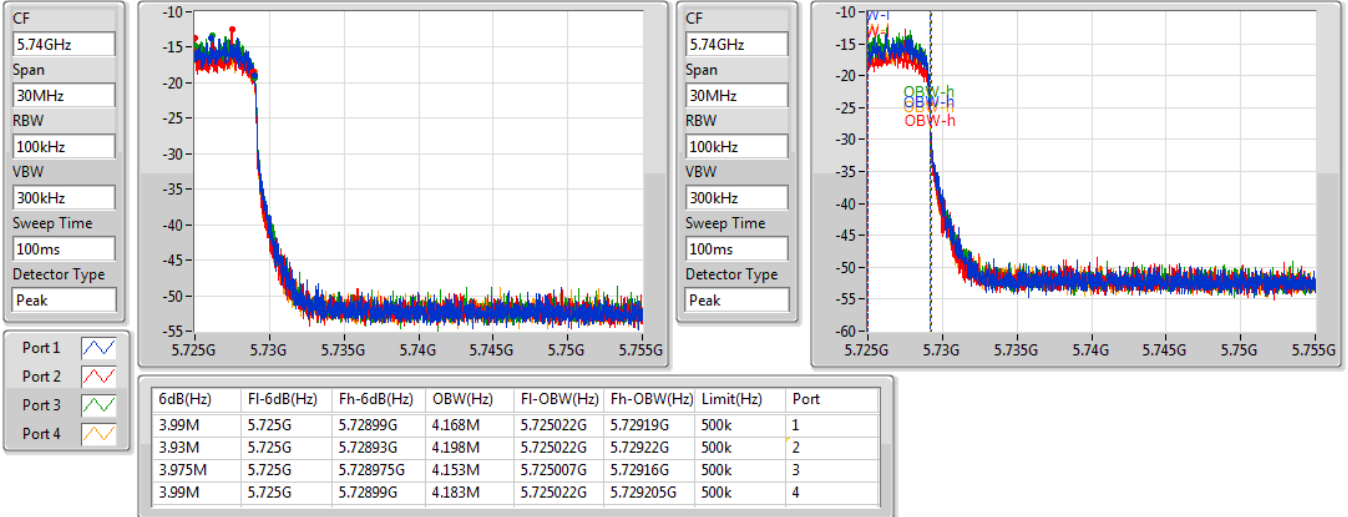


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/12/2019

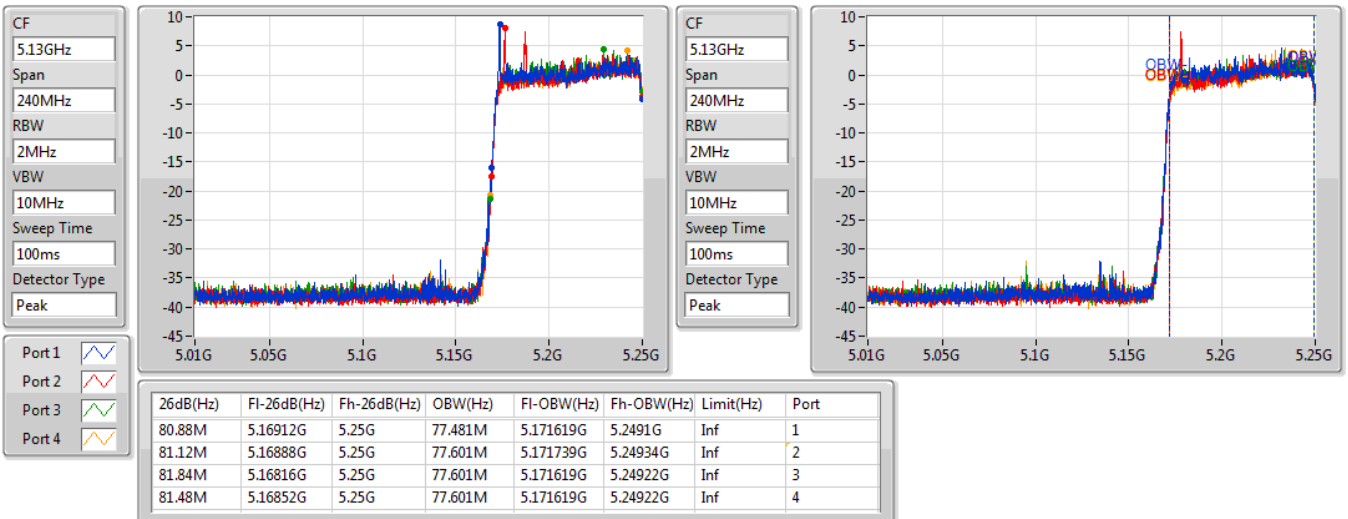


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

04/12/2019

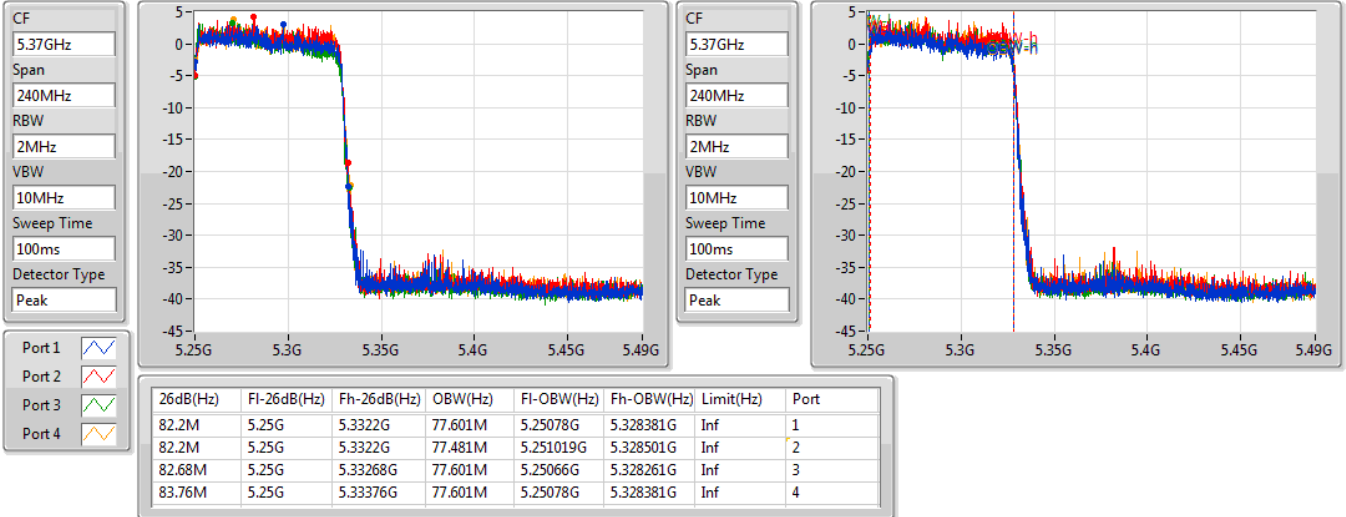


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

04/12/2019

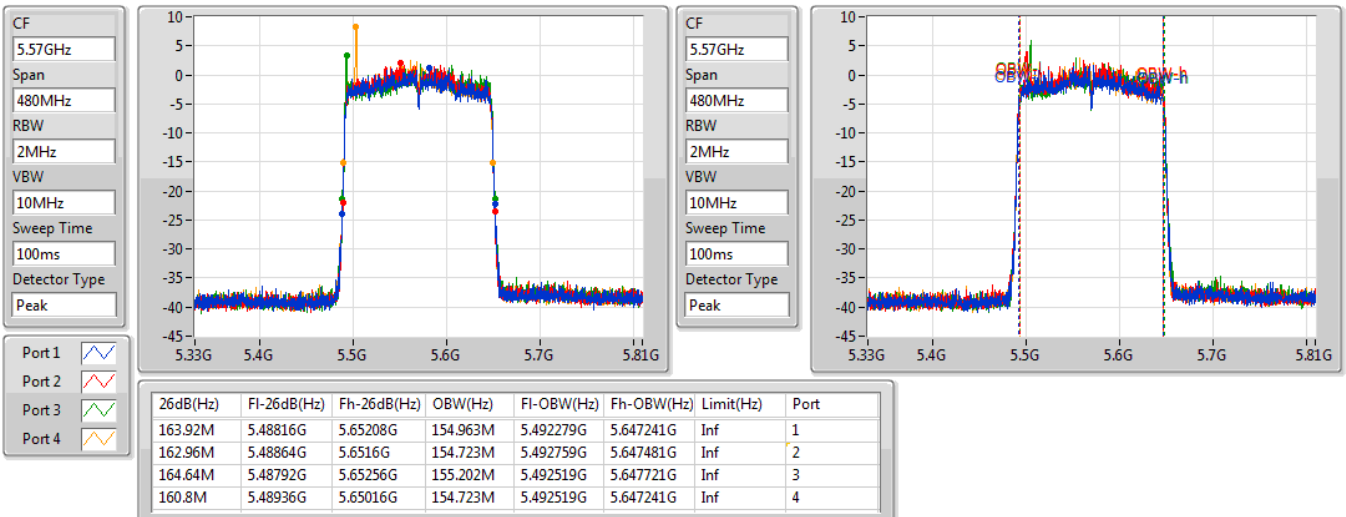


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

5570MHz

04/12/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.63M	17.871M	17M9D1D	21.27M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.8M	36.402M	36M4D1D	39.66M	36.342M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.96M	76.042M	76M0D1D	80.88M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.51M	19.13M	19M1D1D	21.15M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.2M	37.601M	37M6D1D	39.72M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.001M	77M0D1D	80.88M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.48M	17.901M	17M9D1D	15.68M	13.906M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.14M	36.402M	36M4D1D	34.875M	33.058M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.24M	75.802M	75M8D1D	75.175M	72.426M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.42M	19.07M	19M1D1D	15.61M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.2M	37.601M	37M6D1D	35.063M	33.621M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.48M	77.121M	77M1D1D	75.563M	72.969M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.78M	4.408M	4M41D1D	3.78M	4.393M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.225M	3.643M	3M64D1D	3.165M	3.613M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.15M	3.913M	3M91D1D	3.135M	3.853M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.575M	4.753M	4M75D1D	4.515M	4.738M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.93M	4.123M	4M12D1D	3.855M	4.093M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.005M	4.153M	4M15D1D	3.9M	4.138M

**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)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.48M	17.841M	21.27M	17.841M
5300MHz_TnomVnom	Pass	Inf	21.39M	17.841M	21.42M	17.841M
5320MHz_TnomVnom	Pass	Inf	21.63M	17.871M	21.6M	17.871M
5500MHz_TnomVnom	Pass	Inf	21.45M	17.871M	21.42M	17.811M
5580MHz_TnomVnom	Pass	Inf	21.39M	17.871M	21.48M	17.871M
5700MHz_TnomVnom	Pass	Inf	21.42M	17.901M	21.45M	17.841M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.68M	13.906M	15.785M	13.993M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.78M	4.408M	3.78M	4.393M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	39.96M	36.342M	40.26M	36.342M
5310MHz_TnomVnom	Pass	Inf	40.8M	36.402M	39.66M	36.342M
5510MHz_TnomVnom	Pass	Inf	39.96M	36.282M	39.9M	36.342M
5550MHz_TnomVnom	Pass	Inf	40.14M	36.342M	40.14M	36.402M
5670MHz_TnomVnom	Pass	Inf	40.02M	36.402M	40.08M	36.402M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	34.875M	33.096M	35.138M	33.058M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.225M	3.643M	3.165M	3.613M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	80.88M	75.682M	81.96M	76.042M
5530MHz_TnomVnom	Pass	Inf	81.24M	75.802M	80.88M	75.682M
5610MHz_TnomVnom	Pass	Inf	80.88M	75.682M	80.64M	75.682M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.485M	72.426M	75.175M	72.426M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.135M	3.853M	3.15M	3.913M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.18M	19.07M	21.45M	19.07M
5300MHz_TnomVnom	Pass	Inf	21.15M	19.07M	21.48M	19.07M
5320MHz_TnomVnom	Pass	Inf	21.48M	19.07M	21.51M	19.13M
5500MHz_TnomVnom	Pass	Inf	21.42M	19.01M	21.36M	19.04M
5580MHz_TnomVnom	Pass	Inf	21.36M	19.01M	21.39M	19.07M
5700MHz_TnomVnom	Pass	Inf	21.18M	19.07M	21.24M	19.07M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.61M	14.483M	15.645M	14.518M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.575M	4.753M	4.515M	4.738M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	39.72M	37.601M	40.02M	37.541M
5310MHz_TnomVnom	Pass	Inf	40.14M	37.541M	40.2M	37.541M
5510MHz_TnomVnom	Pass	Inf	40.14M	37.541M	40.2M	37.541M
5550MHz_TnomVnom	Pass	Inf	40.14M	37.541M	40.08M	37.601M
5670MHz_TnomVnom	Pass	Inf	40.08M	37.541M	40.08M	37.541M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.25M	33.621M	35.063M	33.621M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.855M	4.123M	3.93M	4.093M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	81.12M	77.001M	80.88M	77.001M
5530MHz_TnomVnom	Pass	Inf	80.76M	77.001M	81.48M	77.001M
5610MHz_TnomVnom	Pass	Inf	81.48M	77.121M	81.48M	77.121M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.563M	72.969M	75.563M	73.278M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.9M	4.138M	4.005M	4.153M

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

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

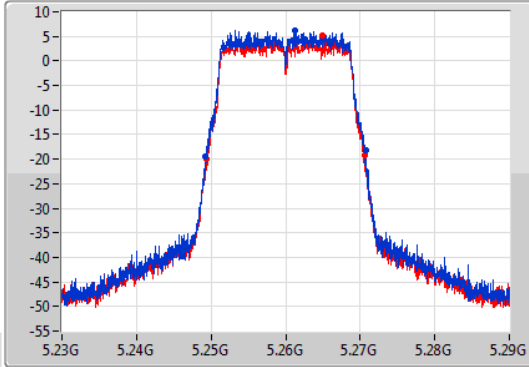
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

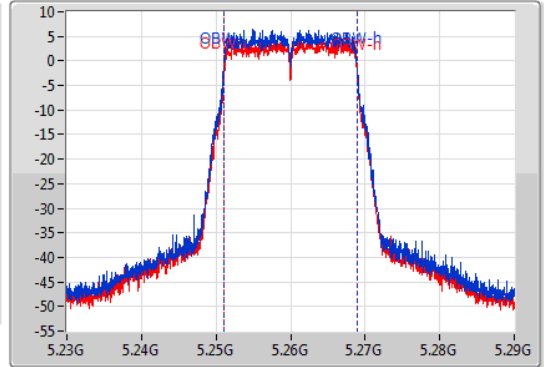
5260MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.24923G	5.27071G	17.841M	5.251064G	5.268906G	Inf	1
21.27M	5.24941G	5.27068G	17.841M	5.251094G	5.268936G	Inf	2

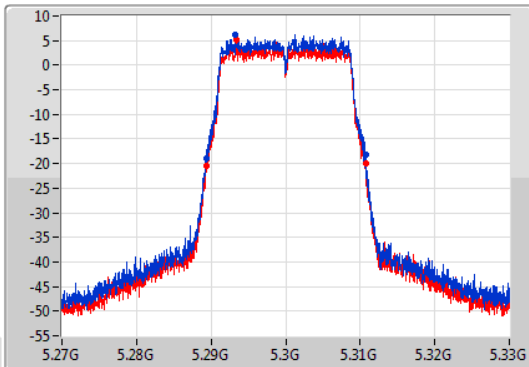
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

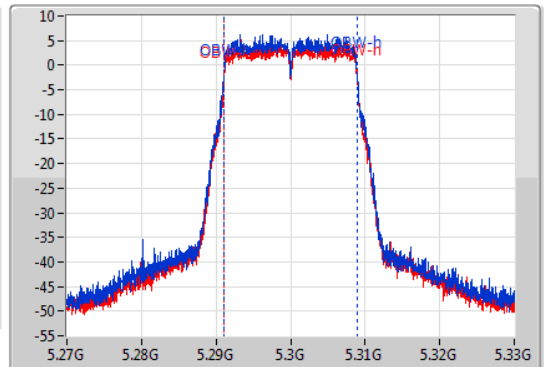
5300MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.28932G	5.31071G	17.841M	5.291064G	5.308906G	Inf	1
21.42M	5.28932G	5.31074G	17.841M	5.291094G	5.308936G	Inf	2

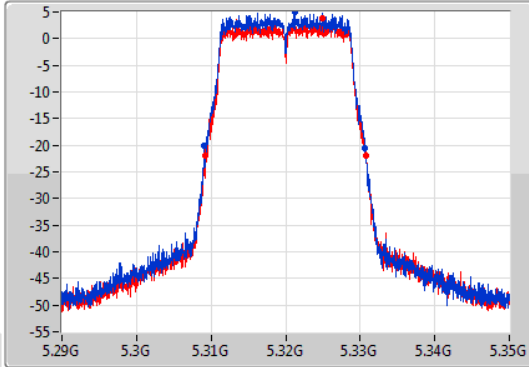
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

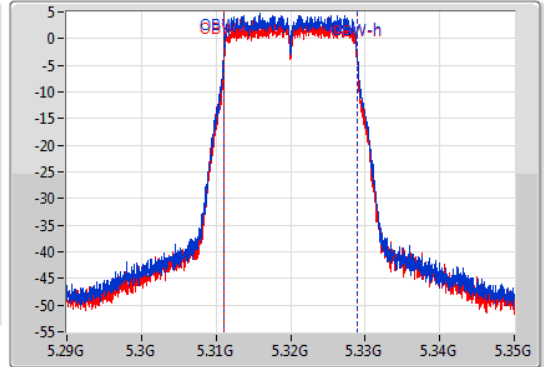
5320MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.30905G	5.33068G	17.871M	5.311064G	5.328936G	Inf	1
21.6M	5.3092G	5.3308G	17.871M	5.311064G	5.328936G	Inf	2

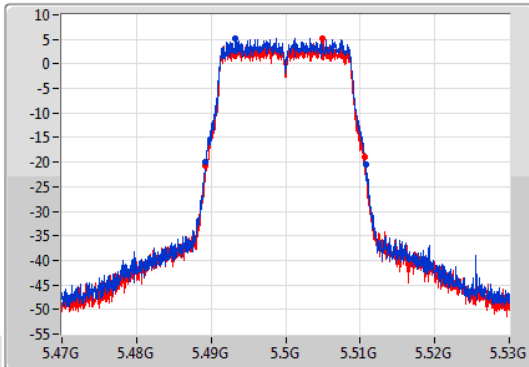
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

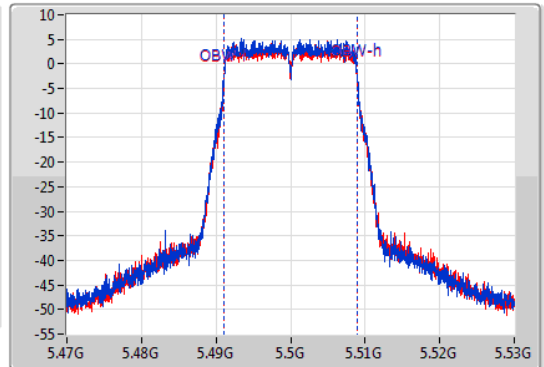
5500MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.48926G	5.51071G	17.871M	5.491064G	5.508936G	Inf	1
21.42M	5.48923G	5.51065G	17.811M	5.491094G	5.508906G	Inf	2

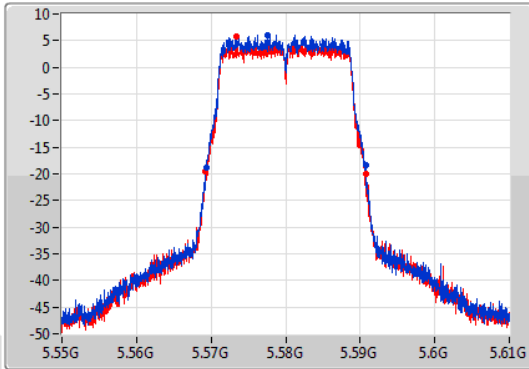
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

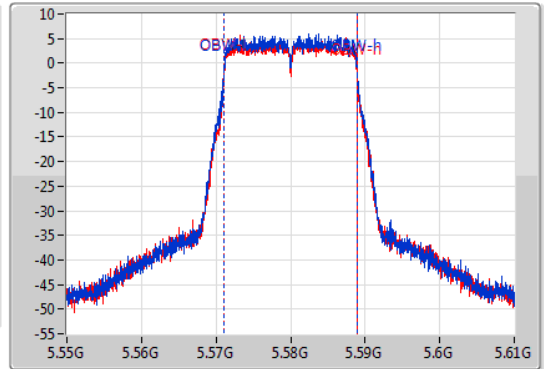
5580MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.56935G	5.59074G	17.871M	5.571064G	5.588936G	Inf	1
21.48M	5.56929G	5.59077G	17.871M	5.571064G	5.588936G	Inf	2

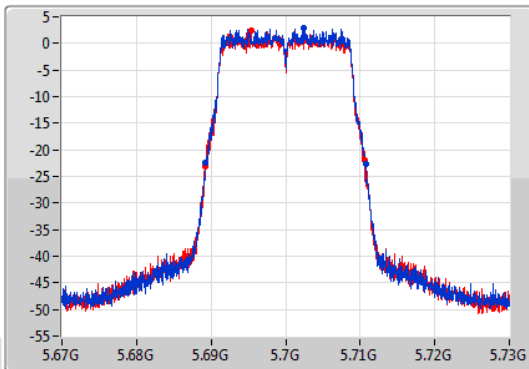
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

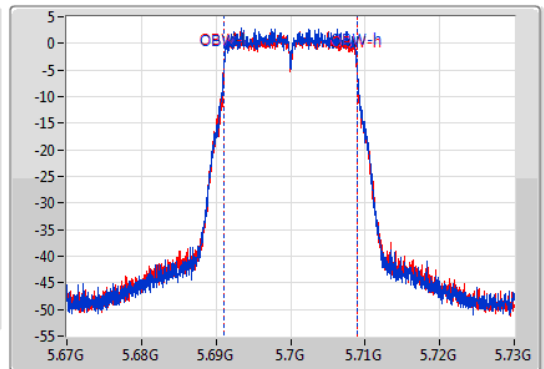
5700MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.68929G	5.71071G	17.901M	5.691034G	5.708936G	Inf	1
21.45M	5.6892G	5.71065G	17.841M	5.691064G	5.708906G	Inf	2



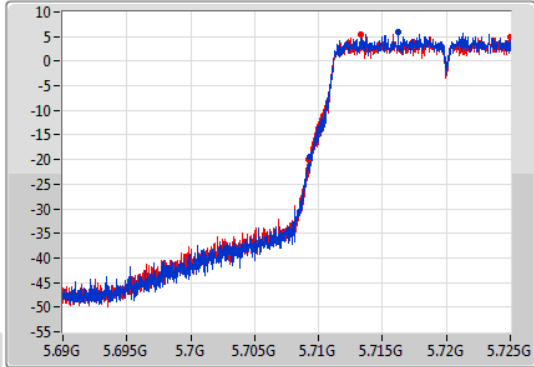
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

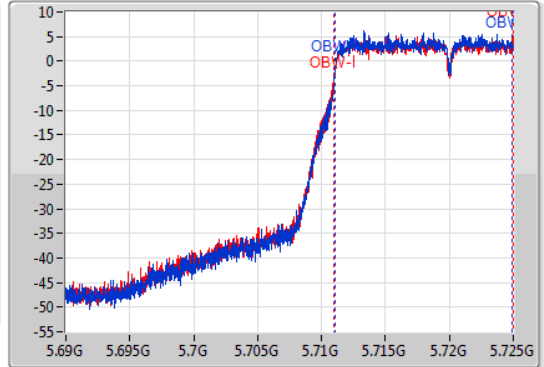
5720MHz Straddle 5.47-5.725GHz

04/12/2019

CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.7075GHz  
Span  
35MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.68M	5.70932G	5.725G	13.906M	5.711016G	5.724921G	Inf	1
15.785M	5.709215G	5.725G	13.993M	5.710963G	5.724956G	Inf	2

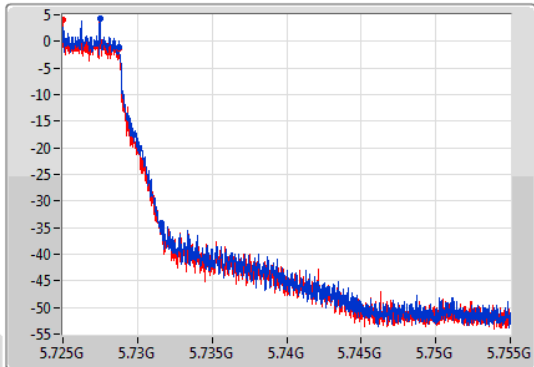
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

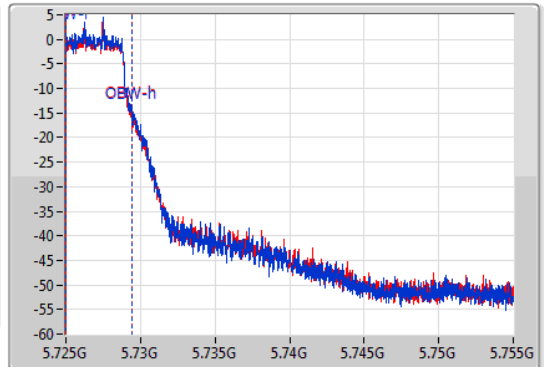
5720MHz Straddle 5.725-5.85GHz

04/12/2019

CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.408M	5.725022G	5.72943G	500k	1
3.78M	5.725G	5.72878G	4.393M	5.725007G	5.7294G	500k	2

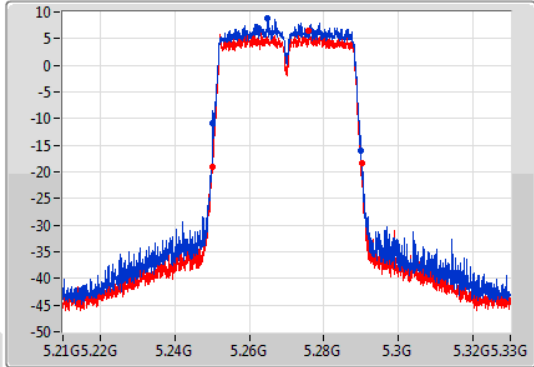
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

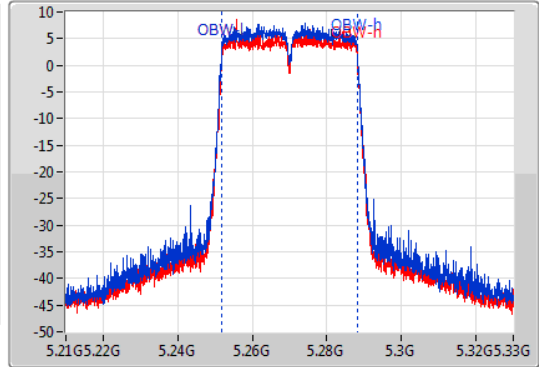
5270MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.25002G	5.28998G	36.342M	5.251829G	5.288171G	Inf	1
40.26M	5.25002G	5.29028G	36.342M	5.251829G	5.288171G	Inf	2

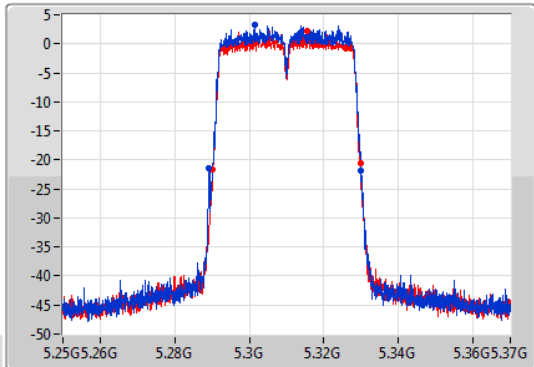
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

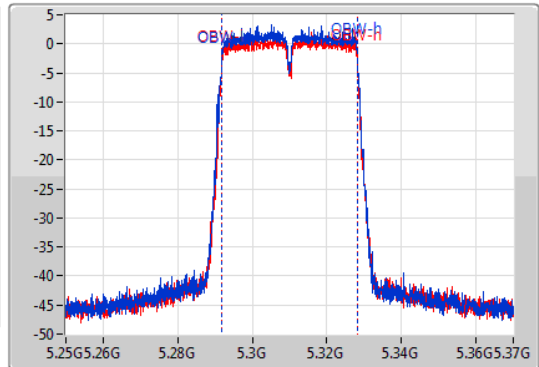
5310MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.28924G	5.33004G	36.402M	5.291769G	5.328171G	Inf	1
39.66M	5.29014G	5.3298G	36.342M	5.291829G	5.328171G	Inf	2

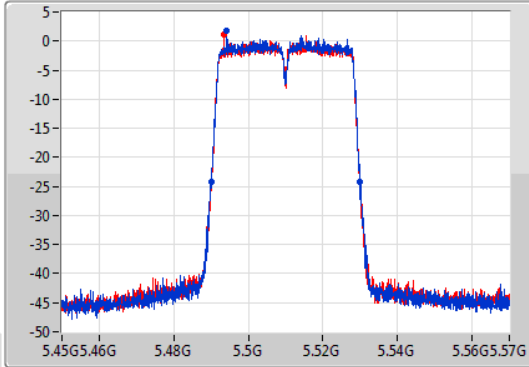
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

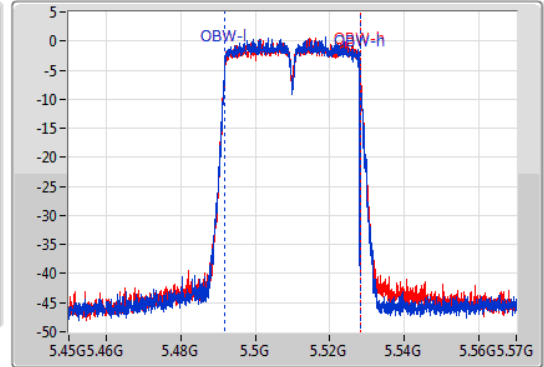
5510MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.49002G	5.52998G	36.282M	5.491769G	5.528051G	Inf	1
39.9M	5.48996G	5.52986G	36.342M	5.491829G	5.528171G	Inf	2

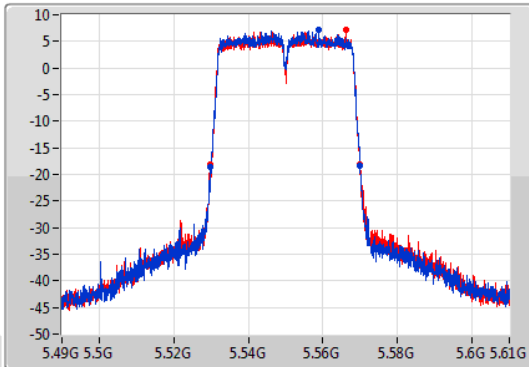
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

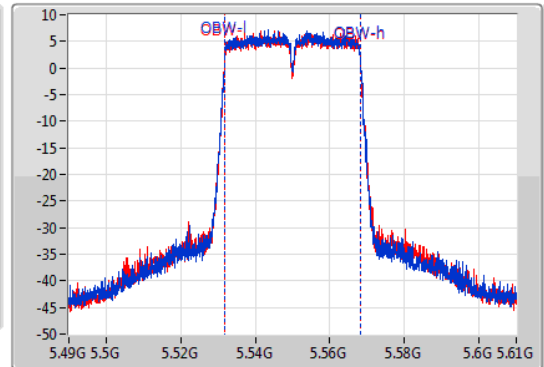
5550MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.52984G	5.56998G	36.342M	5.531829G	5.568171G	Inf	1
40.14M	5.52984G	5.56998G	36.402M	5.531769G	5.568171G	Inf	2

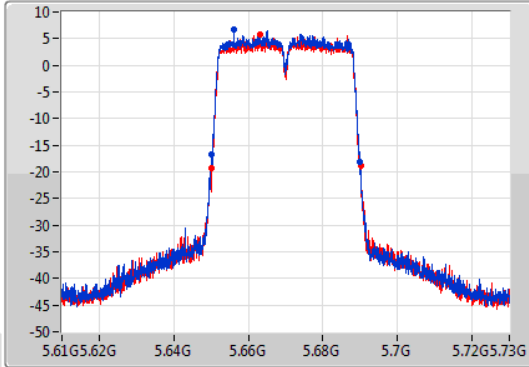
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

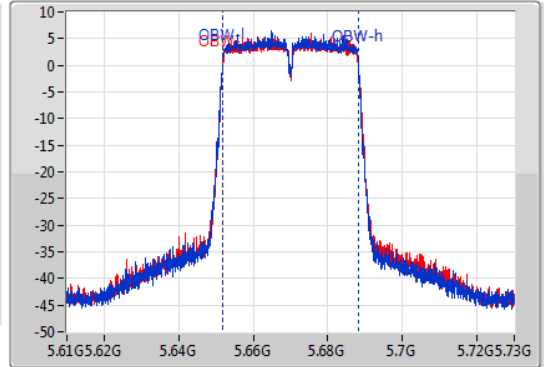
5670MHz

04/12/2019

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  
Peak



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	36.402M	5.651769G	5.688171G	Inf	1
40.08M	5.65002G	5.6901G	36.402M	5.651769G	5.688171G	Inf	2

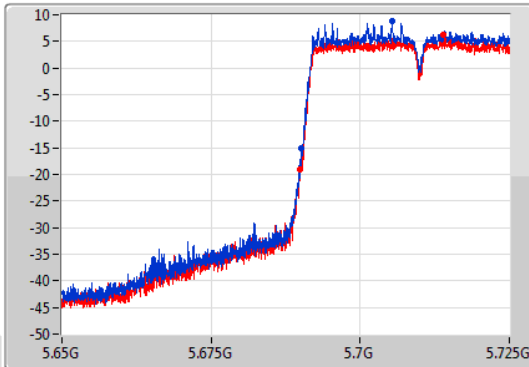
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

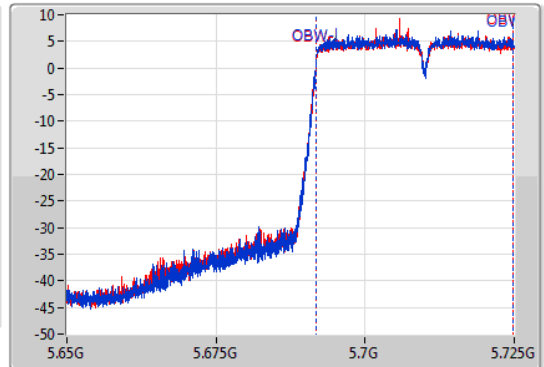
5710MHz Straddle 5.47-5.725GHz

04/12/2019

CF  
5.6875GHz  
Span  
75MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.6875GHz  
Span  
75MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



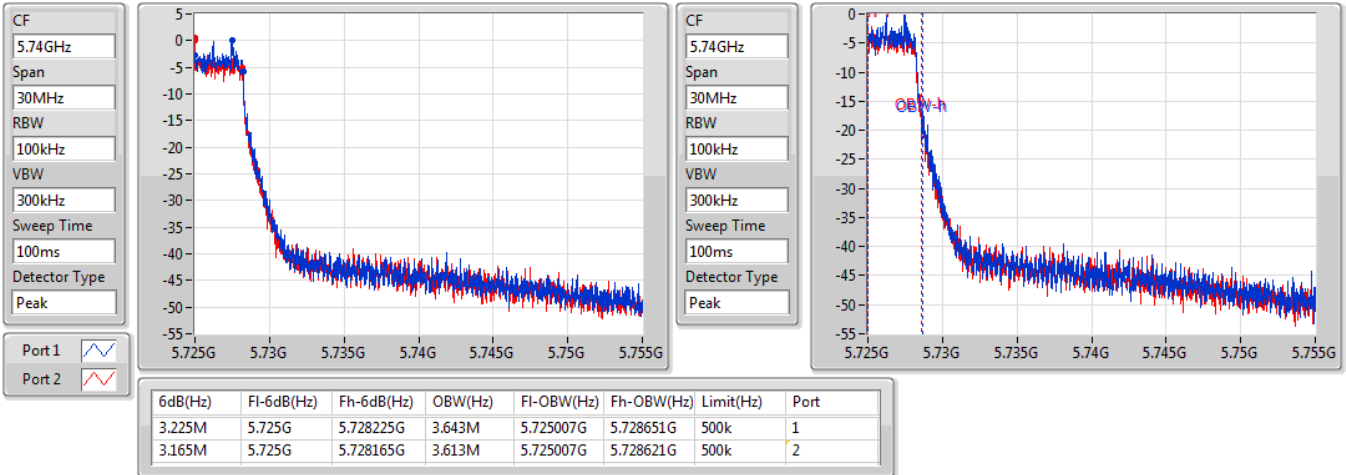
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.875M	5.690125G	5.725G	33.096M	5.691735G	5.724831G	Inf	1
35.138M	5.689863G	5.725G	33.058M	5.691773G	5.724831G	Inf	2

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

EBW

5710MHz Straddle 5.725-5.85GHz

04/12/2019

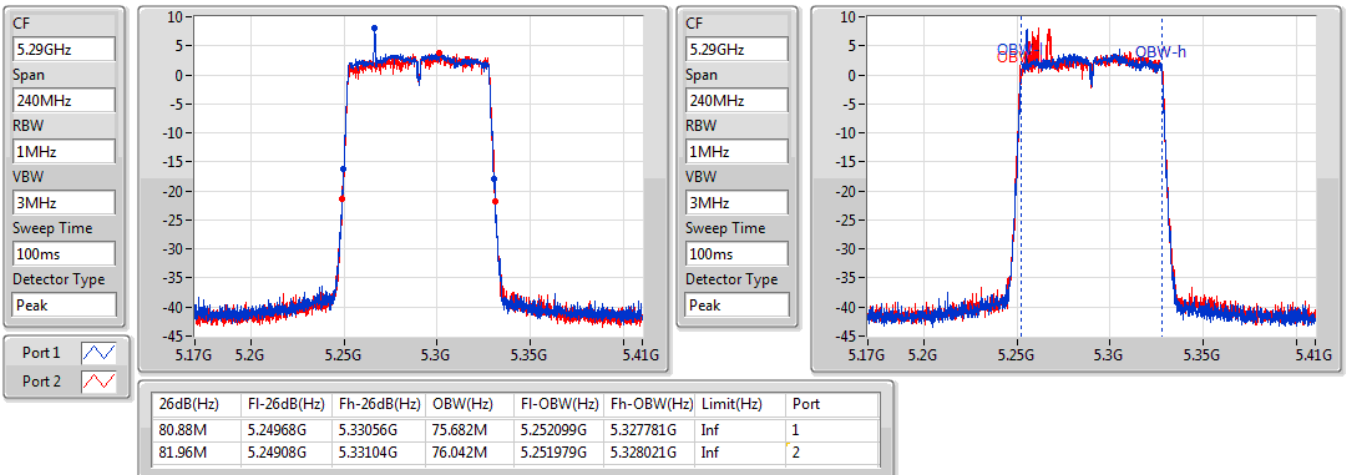


802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5290MHz

04/12/2019



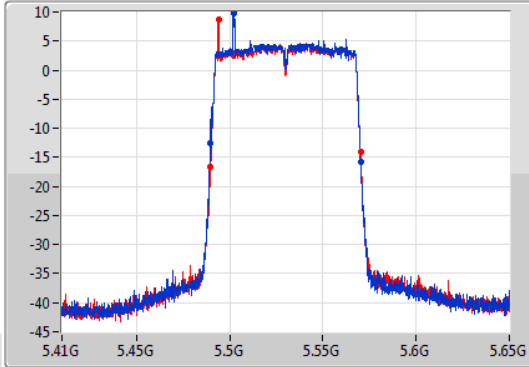
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

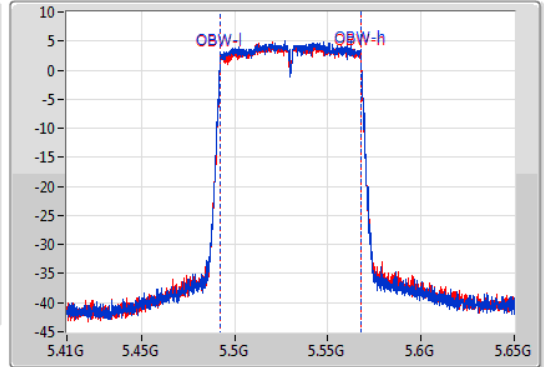
5530MHz

04/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.48932G	5.57056G	75.802M	5.492099G	5.567901G	Inf	1
80.88M	5.48968G	5.57056G	75.682M	5.492219G	5.567901G	Inf	2

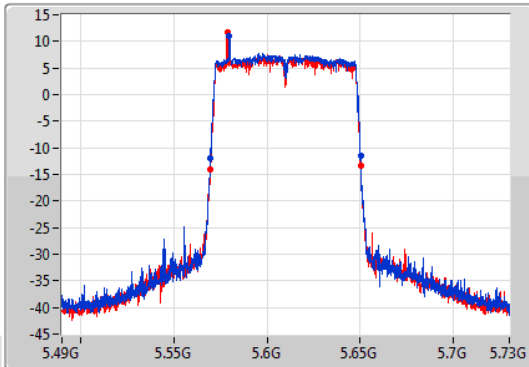
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

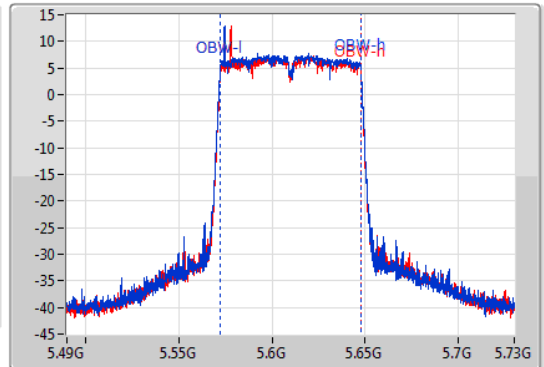
5610MHz

04/12/2019

CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.56944G	5.65032G	75.682M	5.572099G	5.647781G	Inf	1
80.64M	5.56968G	5.65032G	75.682M	5.572219G	5.647901G	Inf	2

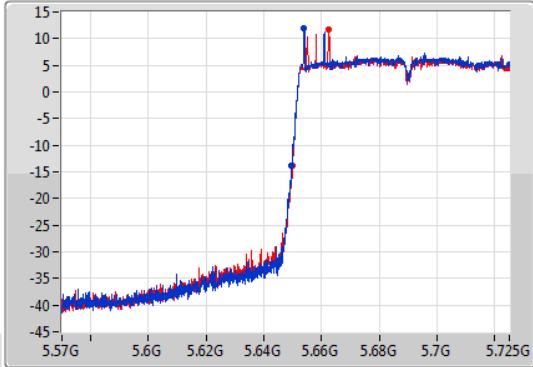
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

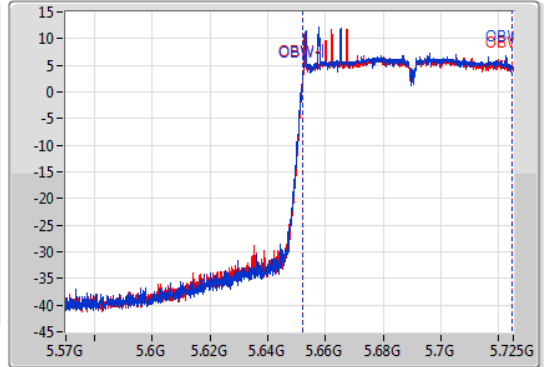
5690MHz Straddle 5.47-5.725GHz

04/12/2019

CF  
5.6475GHz  
Span  
155MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.6475GHz  
Span  
155MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.485M	5.649515G	5.725G	72.426M	5.65207G	5.724497G	Inf	1
75.175M	5.649825G	5.725G	72.426M	5.652148G	5.724574G	Inf	2

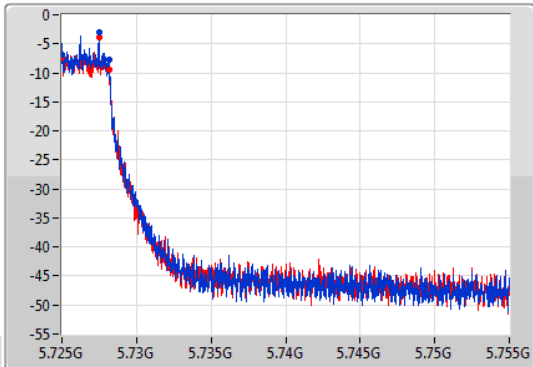
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

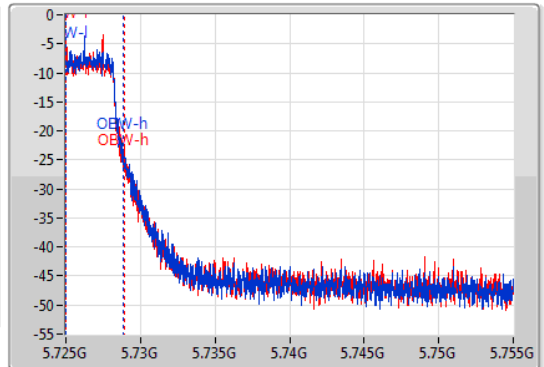
5690MHz Straddle 5.725-5.85GHz

04/12/2019

CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.74GHz  
Span  
30MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.135M	5.725G	5.728135G	3.853M	5.725007G	5.728861G	500k	1
3.15M	5.725G	5.72815G	3.913M	5.725007G	5.728921G	500k	2

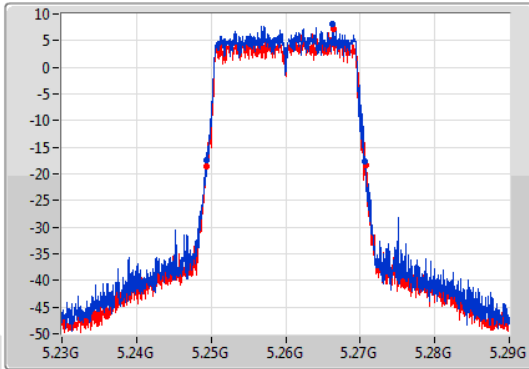
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

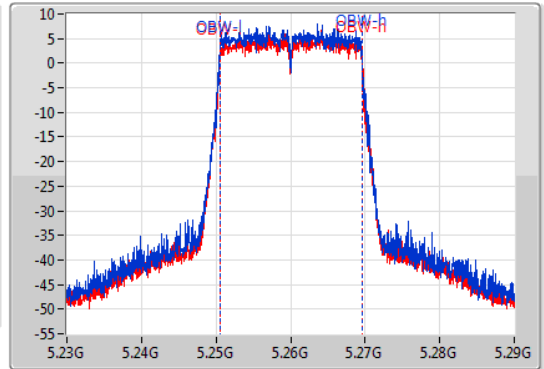
5260MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.24941G	5.27059G	19.07M	5.250495G	5.269565G	Inf	1
21.45M	5.24941G	5.27086G	19.07M	5.250495G	5.269565G	Inf	2

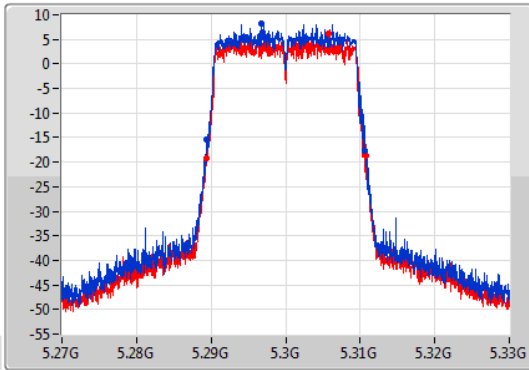
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

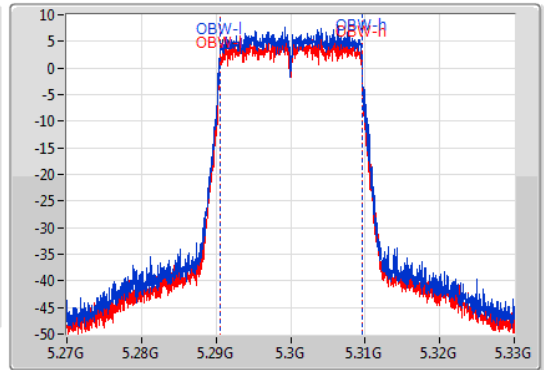
5300MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.15M	5.28944G	5.31059G	19.07M	5.290495G	5.309565G	Inf	1
21.48M	5.28938G	5.31086G	19.07M	5.290495G	5.309565G	Inf	2



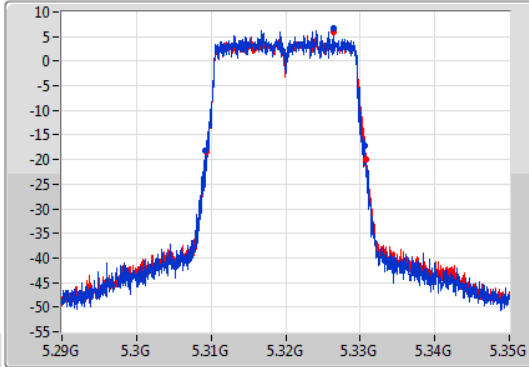
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

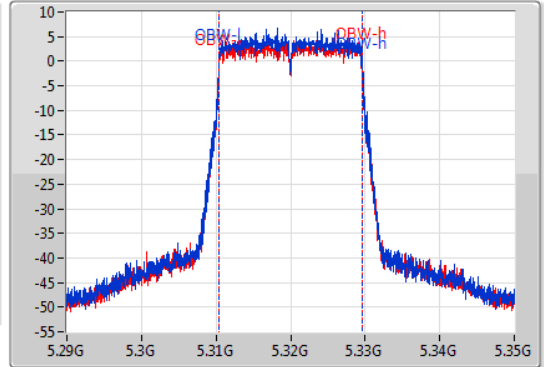
5320MHz

04/12/2019

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



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



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	19.07M	5.310465G	5.329535G	Inf	1
21.51M	5.30935G	5.33086G	19.13M	5.310465G	5.329595G	Inf	2

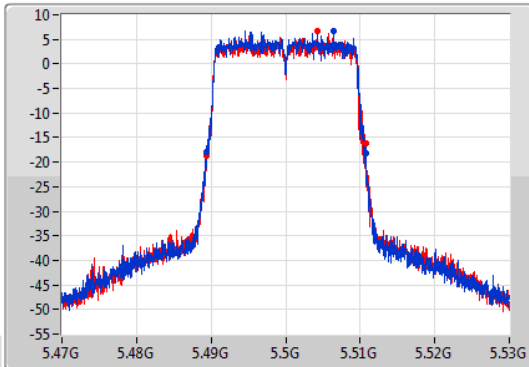
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

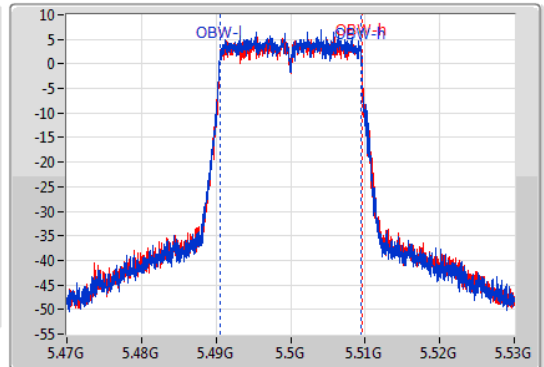
5500MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48938G	5.5108G	19.01M	5.490495G	5.509505G	Inf	1
21.36M	5.48935G	5.51071G	19.04M	5.490495G	5.509535G	Inf	2

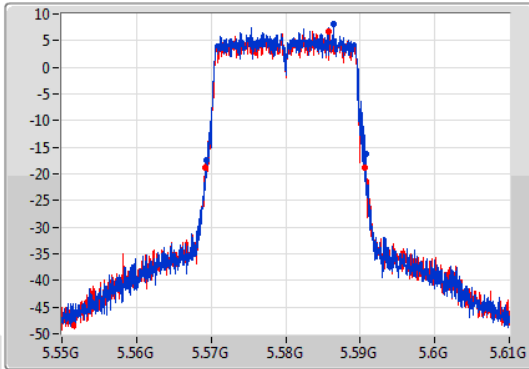
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

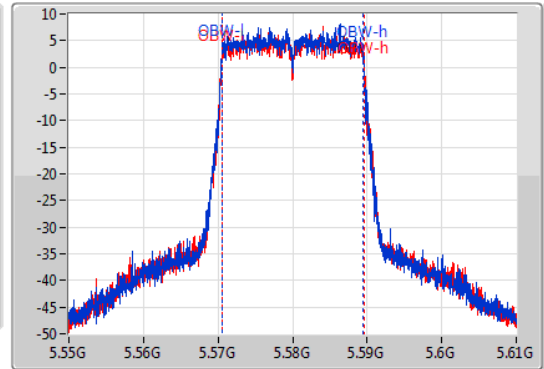
5580MHz

04/12/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.56938G	5.59074G	19.01M	5.570495G	5.589505G	Inf	1
21.39M	5.56926G	5.59065G	19.07M	5.570495G	5.589565G	Inf	2

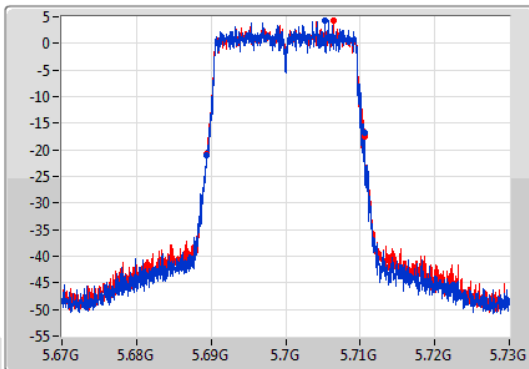
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

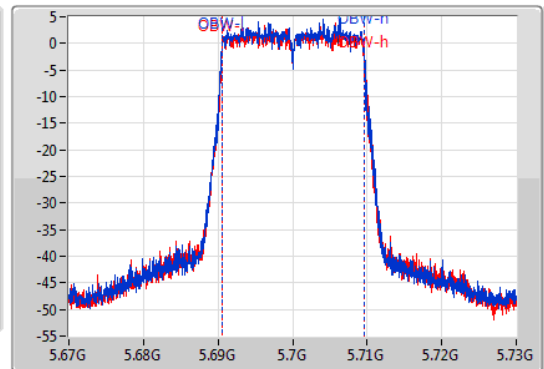
5700MHz

04/12/2019

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



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



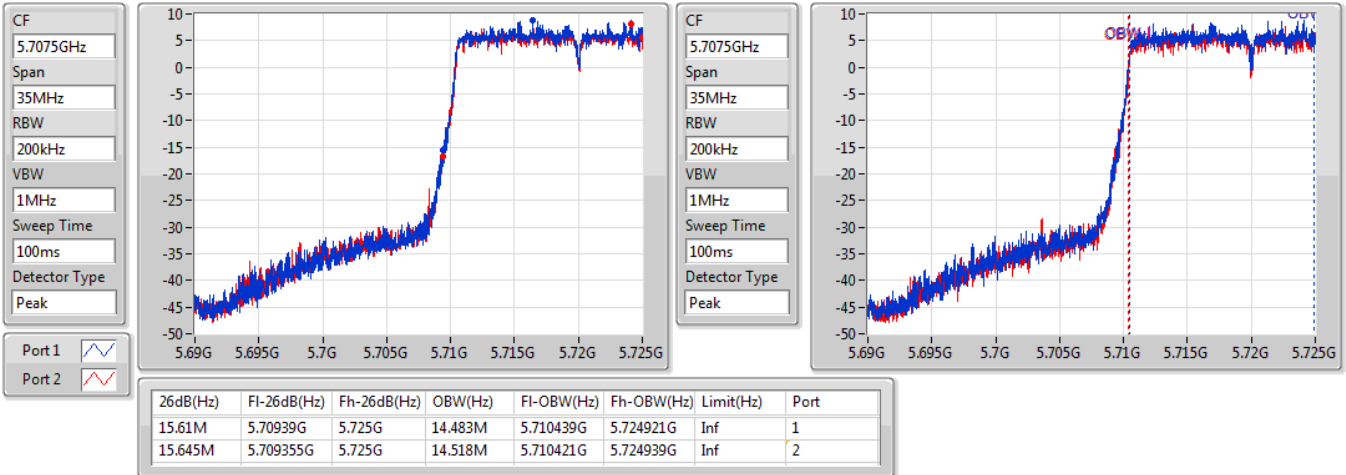
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.68938G	5.71056G	19.07M	5.690495G	5.709565G	Inf	1
21.24M	5.68938G	5.71062G	19.07M	5.690495G	5.709565G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

04/12/2019

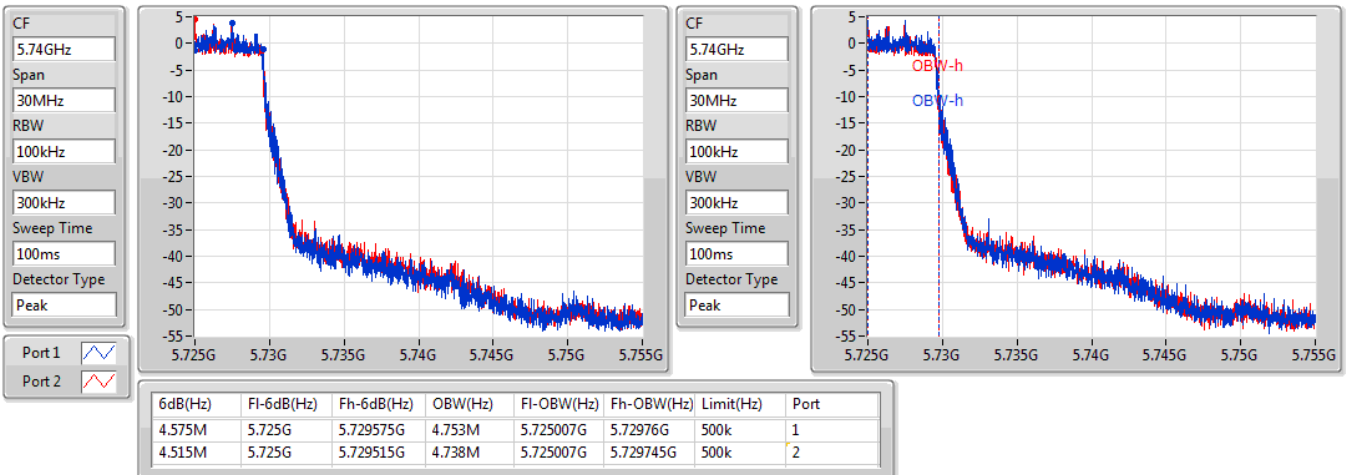


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

04/12/2019



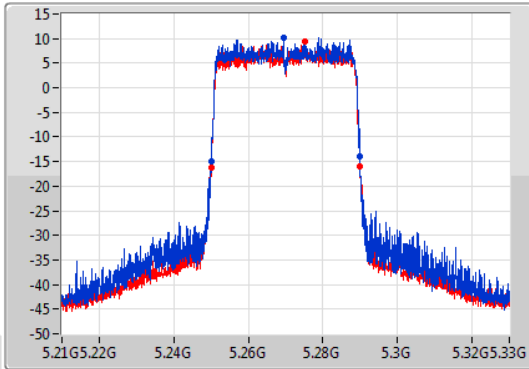
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

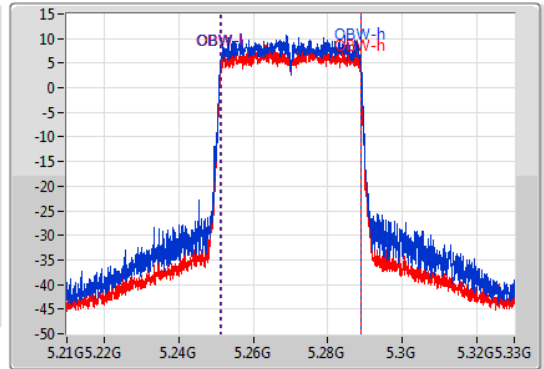
5270MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.25014G	5.28986G	37.601M	5.251229G	5.288831G	Inf	1
40.02M	5.24996G	5.28998G	37.541M	5.251289G	5.288831G	Inf	2

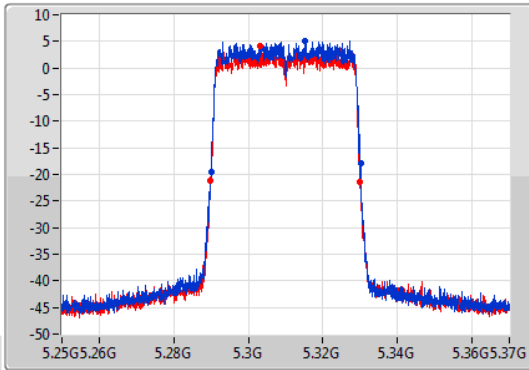
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

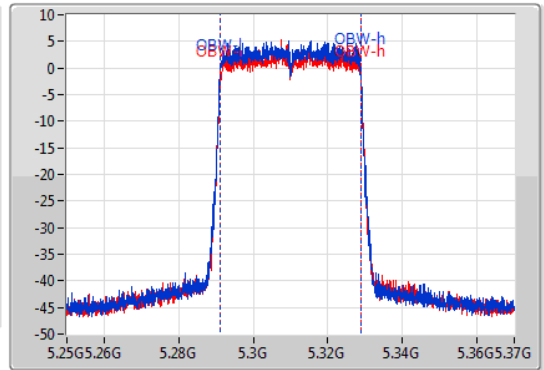
5310MHz

04/12/2019

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  
Peak



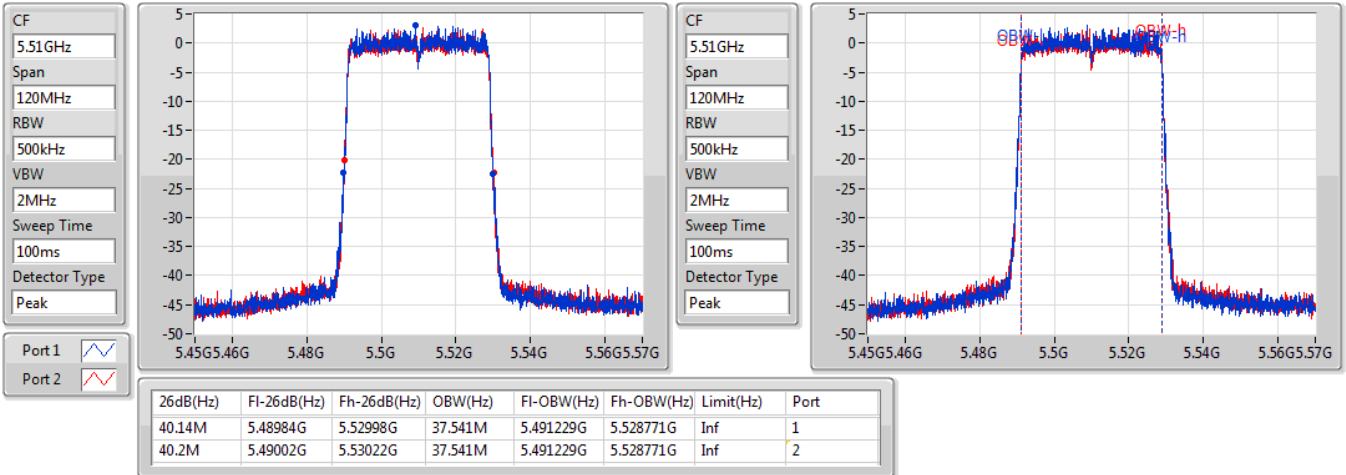
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.28996G	5.3301G	37.541M	5.291229G	5.328771G	Inf	1
40.2M	5.28984G	5.33004G	37.541M	5.291229G	5.328771G	Inf	2

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

EBW

5510MHz

04/12/2019

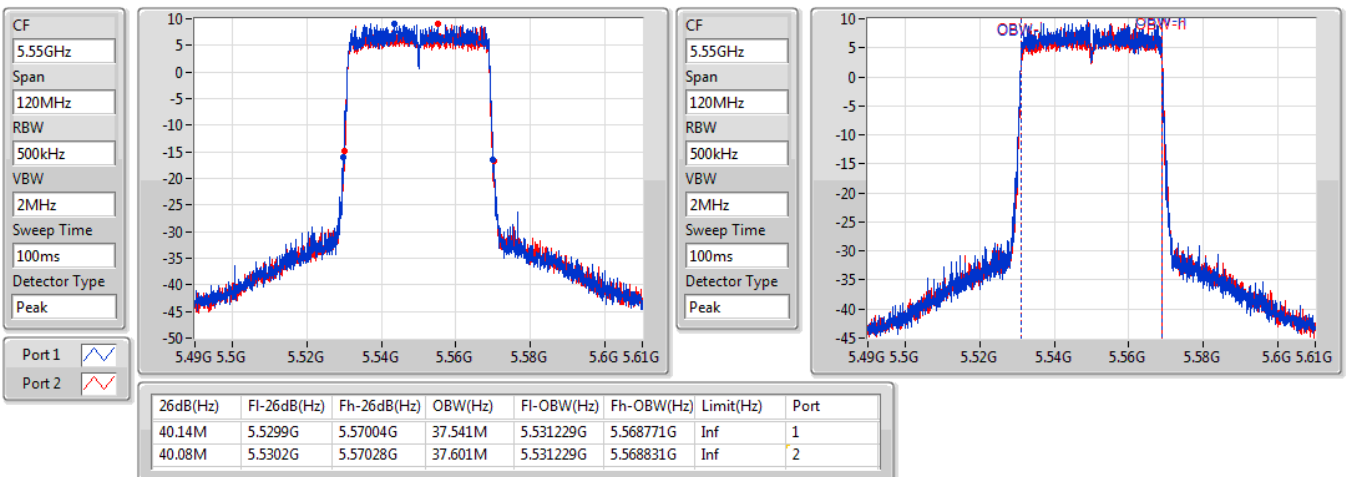


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5550MHz

04/12/2019

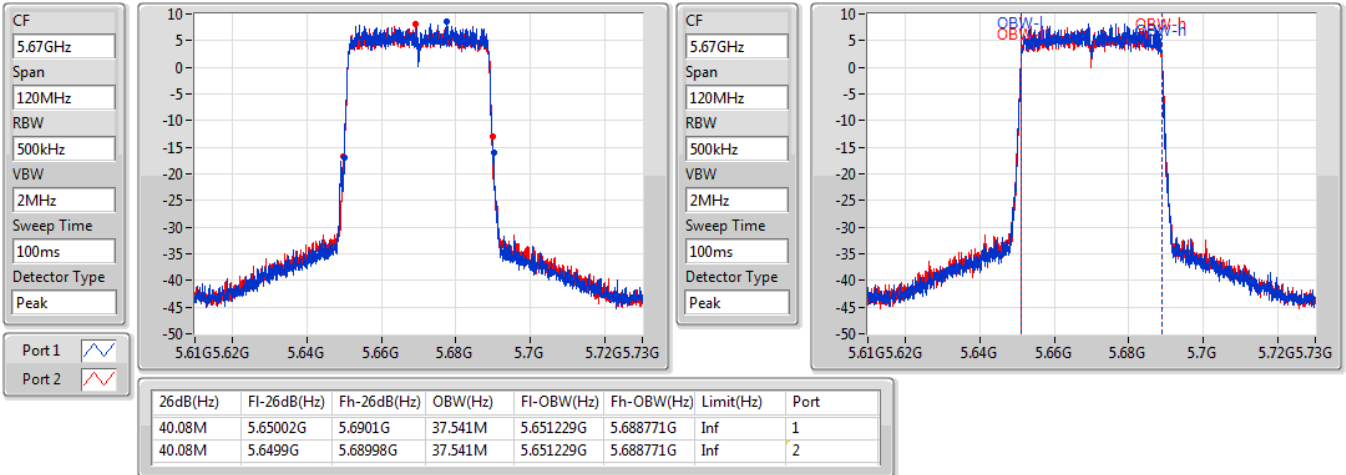


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5670MHz

04/12/2019

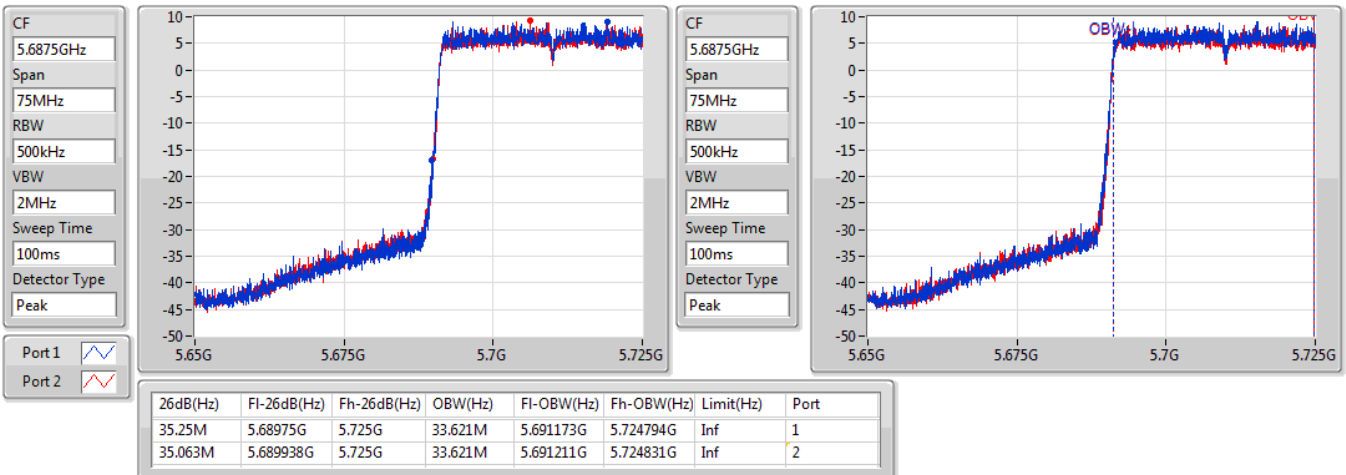


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

04/12/2019

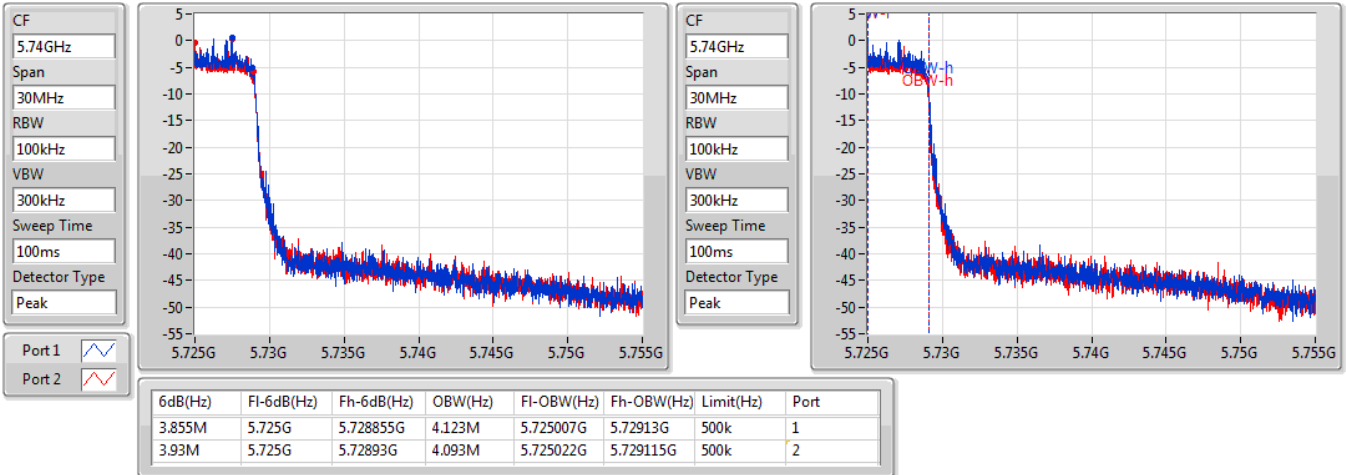


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

04/12/2019

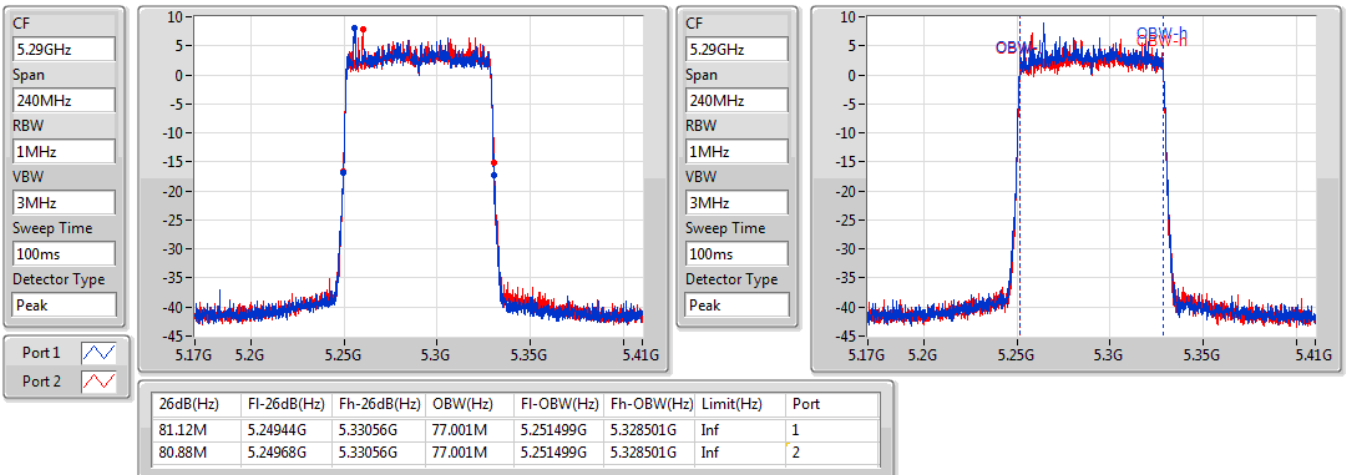


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5290MHz

04/12/2019



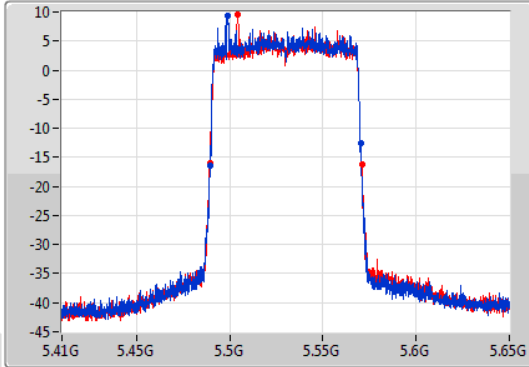
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

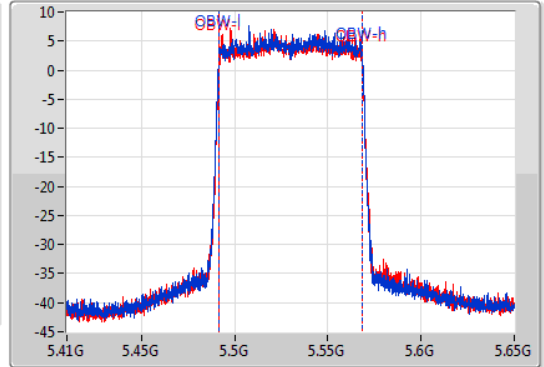
5530MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.48956G	5.57032G	77.001M	5.491499G	5.568501G	Inf	1
81.48M	5.48932G	5.5708G	77.001M	5.491499G	5.568501G	Inf	2

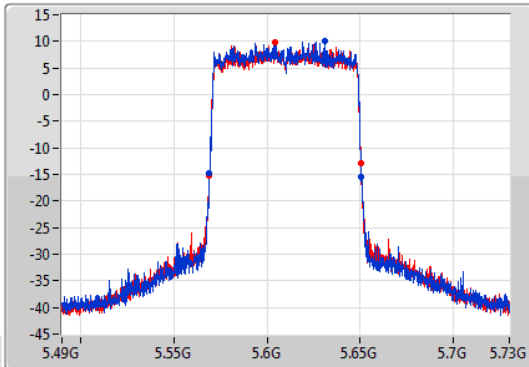
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

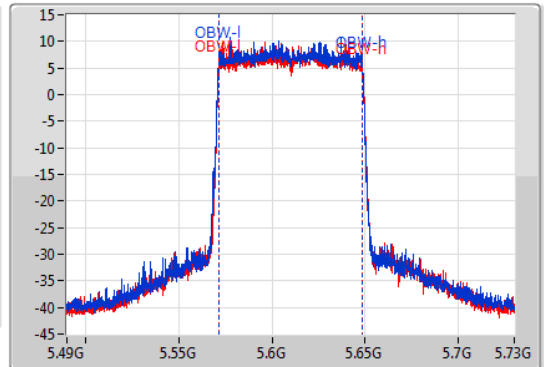
5610MHz

04/12/2019

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  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.5692G	5.65068G	77.121M	5.571379G	5.648501G	Inf	1
81.48M	5.56908G	5.65056G	77.121M	5.571379G	5.648501G	Inf	2

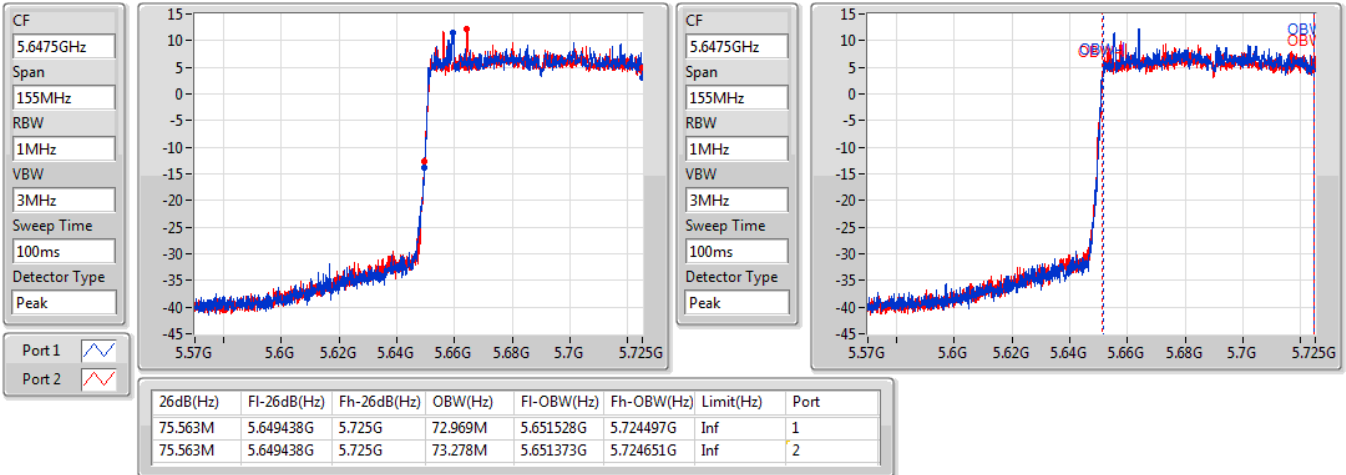


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

04/12/2019

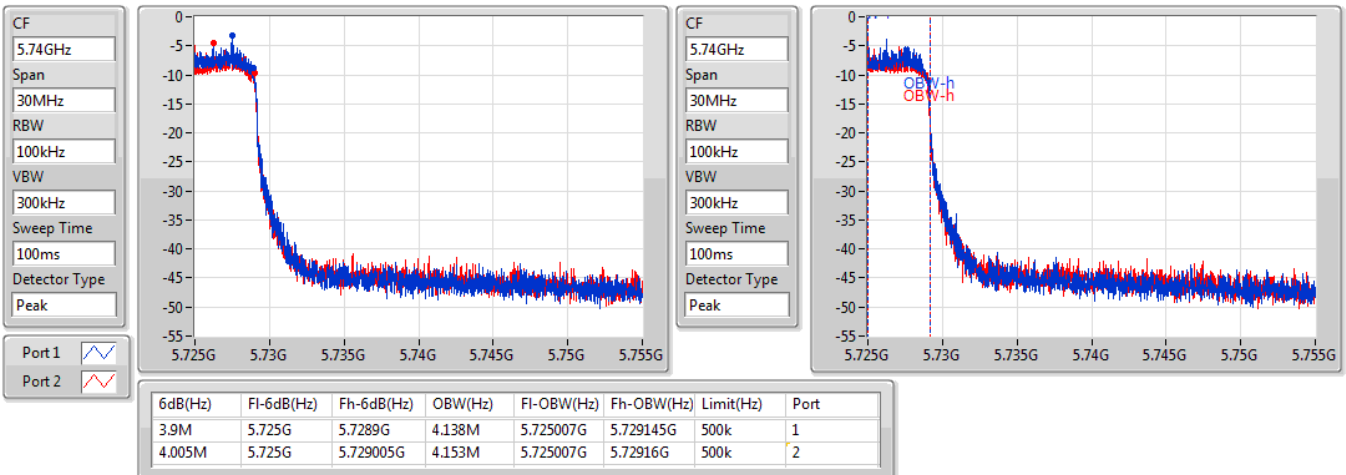


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

04/12/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.63M	17.871M	17M9D1D	21.18M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.08M	36.462M	36M5D1D	39.06M	36.342M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.72M	75.682M	75M7D1D	80.88M	75.562M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.54M	19.07M	19M1D1D	21.21M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.98M	37.541M	37M5D1D	39.72M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.121M	77M1D1D	80.28M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.6M	17.931M	17M9D1D	15.715M	13.941M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.5M	36.462M	36M5D1D	34.613M	33.058M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.08M	76.282M	76M3D1D	75.795M	72.426M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.57M	19.13M	19M1D1D	15.68M	14.465M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.2M	37.541M	37M5D1D	35.1M	33.583M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.72M	77.241M	77M2D1D	75.175M	73.046M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.78M	4.363M	4M36D1D	3.78M	4.348M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.165M	3.583M	3M58D1D	3.15M	3.568M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.15M	3.838M	3M84D1D	3.15M	3.823M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.59M	4.678M	4M68D1D	4.575M	4.678M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.945M	4.093M	4M09D1D	3.825M	4.093M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.02M	4.153M	4M15D1D	3.96M	4.123M

**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;