



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.44M	16.582M	21.42M	16.612M
5300MHz	Pass	Inf	21.48M	16.582M	21.36M	16.552M
5320MHz	Pass	Inf	21.48M	16.582M	21.48M	16.582M
5500MHz	Pass	Inf	22.59M	16.612M	21.9M	16.582M
5580MHz	Pass	Inf	21.57M	16.612M	21.69M	16.582M
5700MHz	Pass	Inf	21.54M	16.552M	21.69M	16.552M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.57M	13.313M	15.825M	13.358M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.898M	3.2M	3.918M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.99M	17.751M	21.54M	17.751M
5300MHz	Pass	Inf	22.05M	17.811M	22.53M	17.691M
5320MHz	Pass	Inf	22.05M	17.781M	21.99M	17.781M
5500MHz	Pass	Inf	21.87M	17.811M	21.87M	17.781M
5580MHz	Pass	Inf	28.59M	17.871M	24M	17.781M
5700MHz	Pass	Inf	27.66M	17.871M	22.11M	17.781M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.275M	13.943M	15.84M	13.973M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.378M	3.72M	4.318M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	36.222M	40.08M	36.282M
5310MHz	Pass	Inf	40.74M	36.222M	39.9M	36.222M
5510MHz	Pass	Inf	40.2M	36.222M	40.2M	36.162M
5550MHz	Pass	Inf	86.1M	36.342M	64.62M	36.402M
5670MHz	Pass	Inf	86.22M	36.522M	68.76M	36.462M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	41.685M	33.093M	35.21M	33.093M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	12.574M	3.1M	3.958M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	75.802M	81.36M	75.682M
5530MHz	Pass	Inf	87.36M	75.802M	122.4M	75.922M
5610MHz	Pass	Inf	82.32M	75.682M	97.56M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	93.3M	72.714M	92.85M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	28.286M	3.1M	15.472M
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.84M	75.722M	81.6M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.16M	75.882M	81.92M	75.722M
5570MHz	Pass	Inf	164.88M	154.243M	163.44M	153.043M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.69M	18.981M	21.54M	18.951M
5300MHz	Pass	Inf	21.75M	19.01M	24.06M	19.01M
5320MHz	Pass	Inf	21.81M	18.981M	21.54M	18.951M
5500MHz	Pass	Inf	21.84M	19.01M	24M	19.04M
5580MHz	Pass	Inf	21.96M	19.01M	24M	18.951M
5700MHz	Pass	Inf	21.84M	19.01M	22.5M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	14.528M	15.6M	14.528M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.518M	4.4M	4.538M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.14M	37.601M	40.02M	37.541M
5310MHz	Pass	Inf	40.02M	37.661M	39.96M	37.541M
5510MHz	Pass	Inf	40.14M	37.601M	43.8M	37.541M
5550MHz	Pass	Inf	71.1M	37.781M	71.88M	37.661M
5670MHz	Pass	Inf	74.64M	37.781M	72.06M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.905M	33.758M	36.925M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.64M	14.413M	3.76M	9.175M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.24M	77.001M	81.24M	76.762M
5530MHz	Pass	Inf	85.8M	77.241M	135.24M	77.121M
5610MHz	Pass	Inf	81.12M	77.001M	81.12M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	87.075M	73.388M	79.575M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	28.706M	3.68M	10.195M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	77.081M	80.8M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.081M	82.4M	77.161M
5570MHz	Pass	Inf	164.16M	155.202M	162.96M	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;

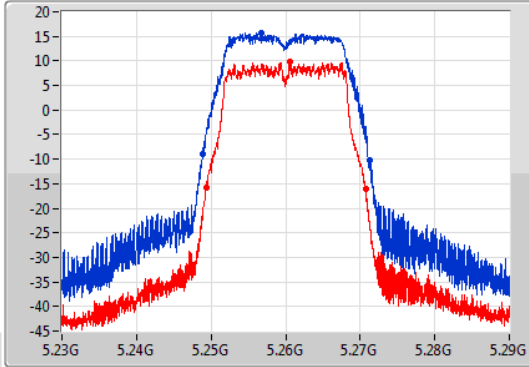
802.11a\_Nss1,(6Mbps)\_2TX

EBW

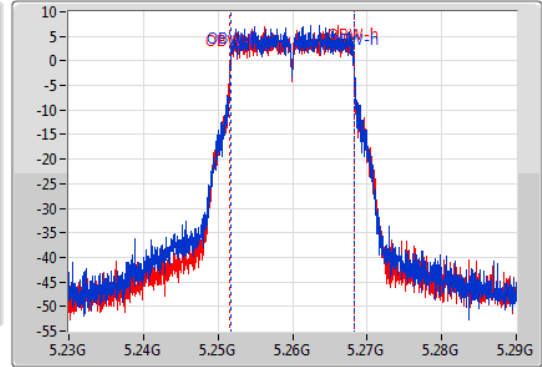
5260MHz

14/11/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.44M	5.24881G	5.27125G	16.582M	5.251664G	5.268246G	Inf	1
21.42M	5.24935G	5.27077G	16.612M	5.251634G	5.268246G	Inf	2

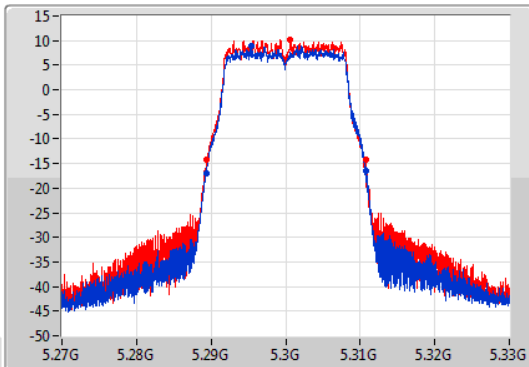
802.11a\_Nss1,(6Mbps)\_2TX

EBW

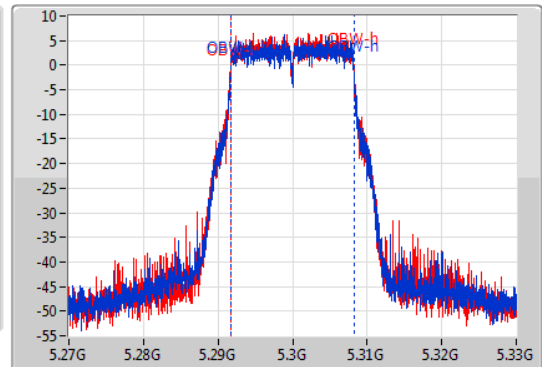
5300MHz

14/11/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1  
Port 2



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.28932G	5.3108G	16.582M	5.291664G	5.308246G	Inf	1
21.36M	5.28935G	5.31071G	16.552M	5.291664G	5.308216G	Inf	2

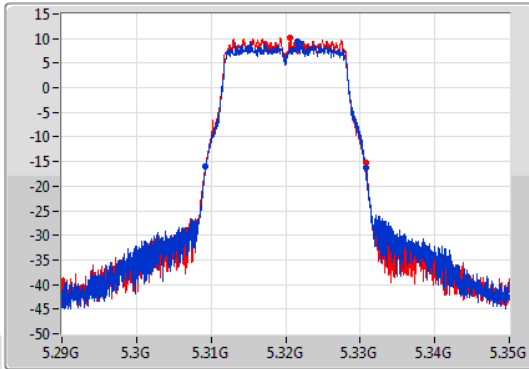
802.11a\_Nss1,(6Mbps)\_2TX

EBW

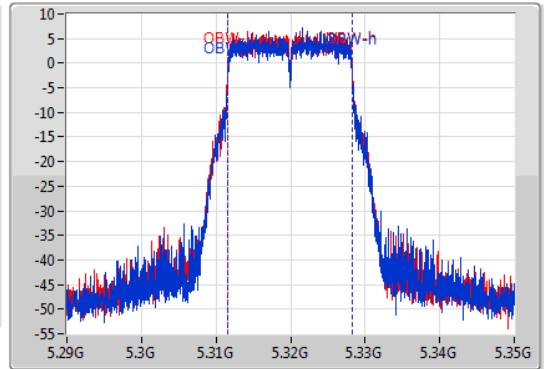
5320MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.30929G	5.33077G	16.582M	5.311634G	5.328216G	Inf	1
21.48M	5.30926G	5.33074G	16.582M	5.311634G	5.328216G	Inf	2

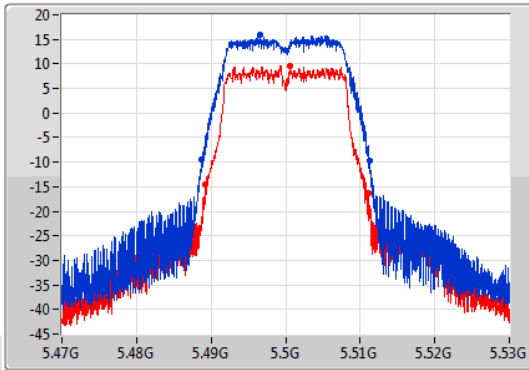
802.11a\_Nss1,(6Mbps)\_2TX

EBW

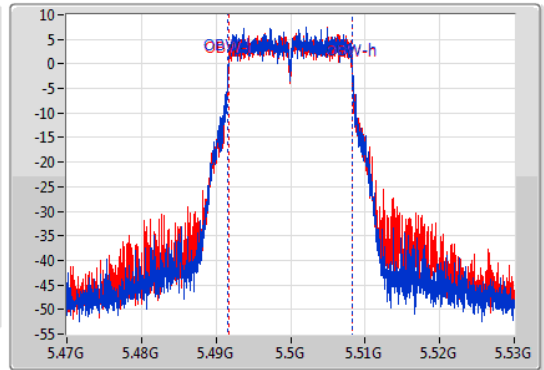
5500MHz

14/11/2019

CF  
5.5GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.59M	5.48872G	5.51131G	16.612M	5.491634G	5.508246G	Inf	1
21.9M	5.4892G	5.5111G	16.582M	5.491664G	5.508246G	Inf	2

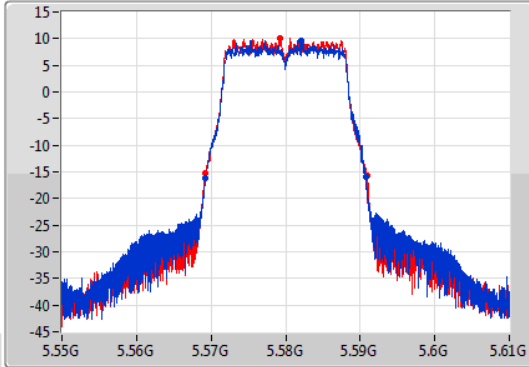
802.11a\_Nss1,(6Mbps)\_2TX

EBW

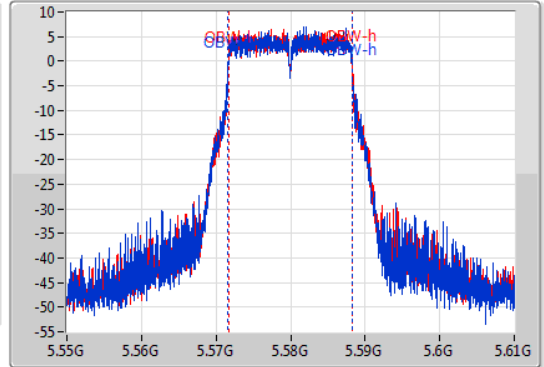
5580MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.56923G	5.5908G	16.612M	5.571634G	5.588246G	Inf	1
21.69M	5.5692G	5.59089G	16.582M	5.571664G	5.588246G	Inf	2

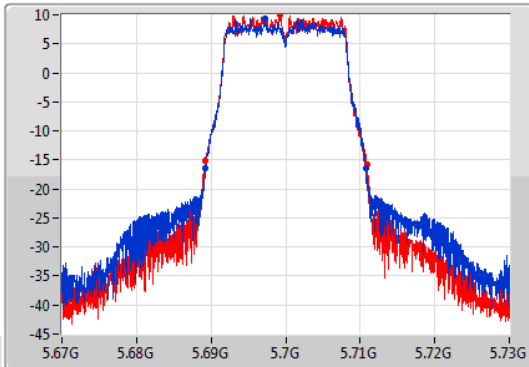
802.11a\_Nss1,(6Mbps)\_2TX

EBW

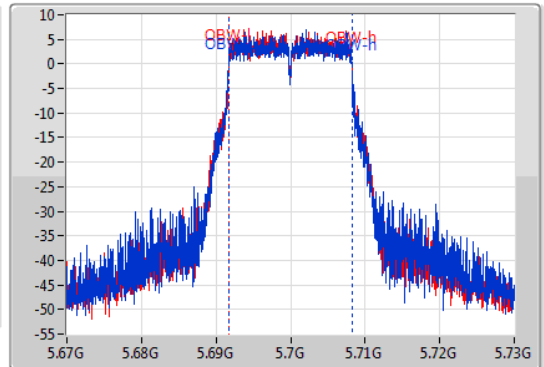
5700MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.68923G	5.71077G	16.552M	5.691664G	5.708216G	Inf	1
21.69M	5.6892G	5.71089G	16.552M	5.691694G	5.708246G	Inf	2

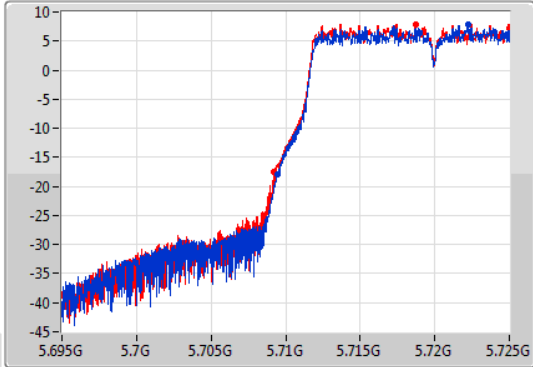
802.11a\_Nss1,(6Mbps)\_2TX

EBW

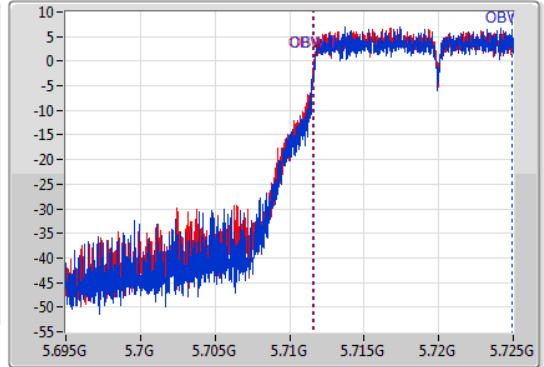
5720MHz Straddle 5.47-5.725GHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.57M	5.70943G	5.725G	13.313M	5.711619G	5.724933G	Inf	1
15.825M	5.709175G	5.725G	13.358M	5.711574G	5.724933G	Inf	2

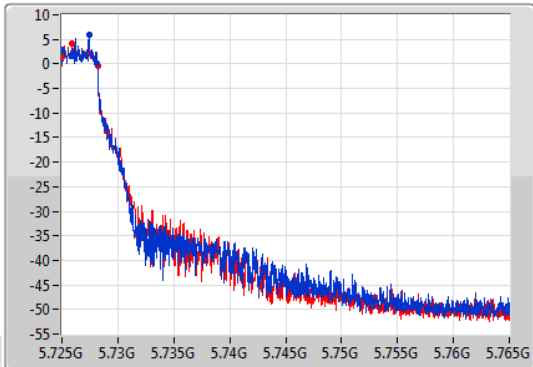
802.11a\_Nss1,(6Mbps)\_2TX

EBW

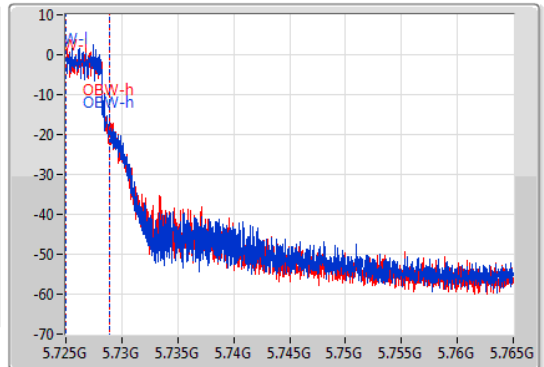
5720MHz Straddle 5.725-5.85GHz

14/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



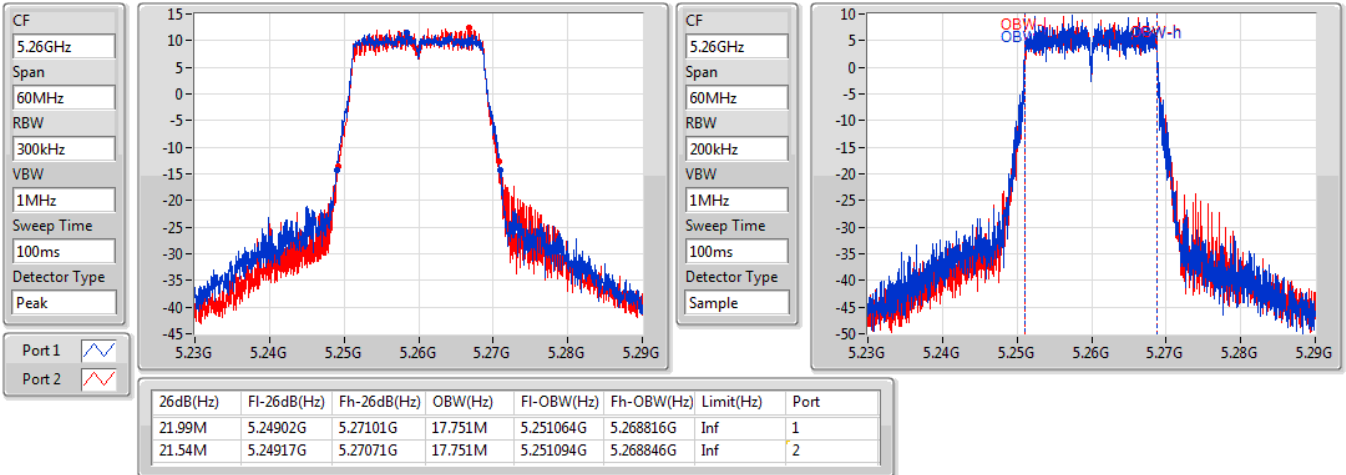
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.898M	5.72501G	5.728908G	500k	1
3.2M	5.725G	5.7282G	3.918M	5.72503G	5.728948G	500k	2

802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5260MHz

14/11/2019

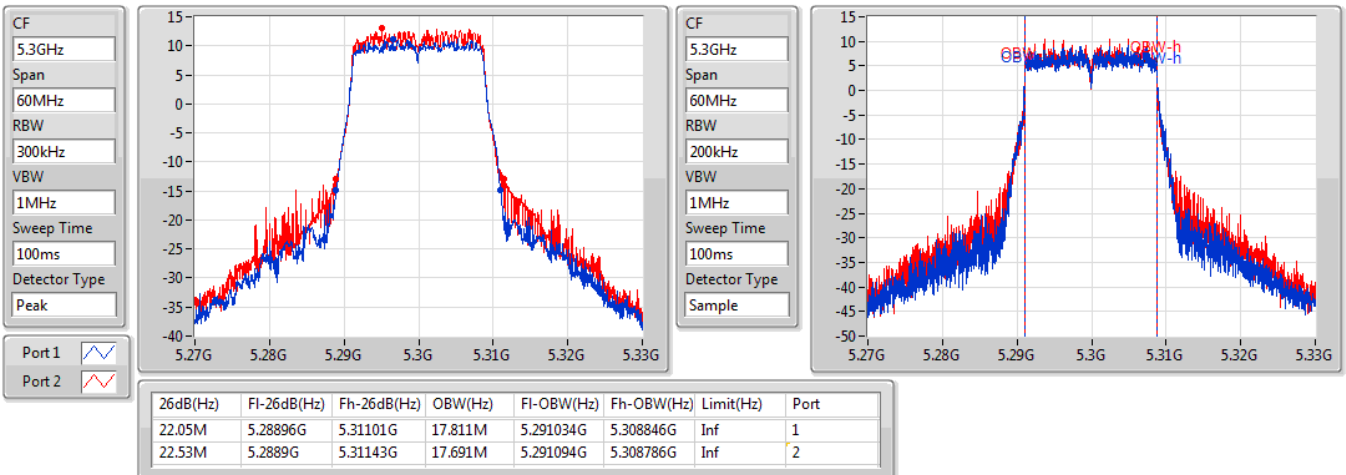


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5300MHz

14/11/2019

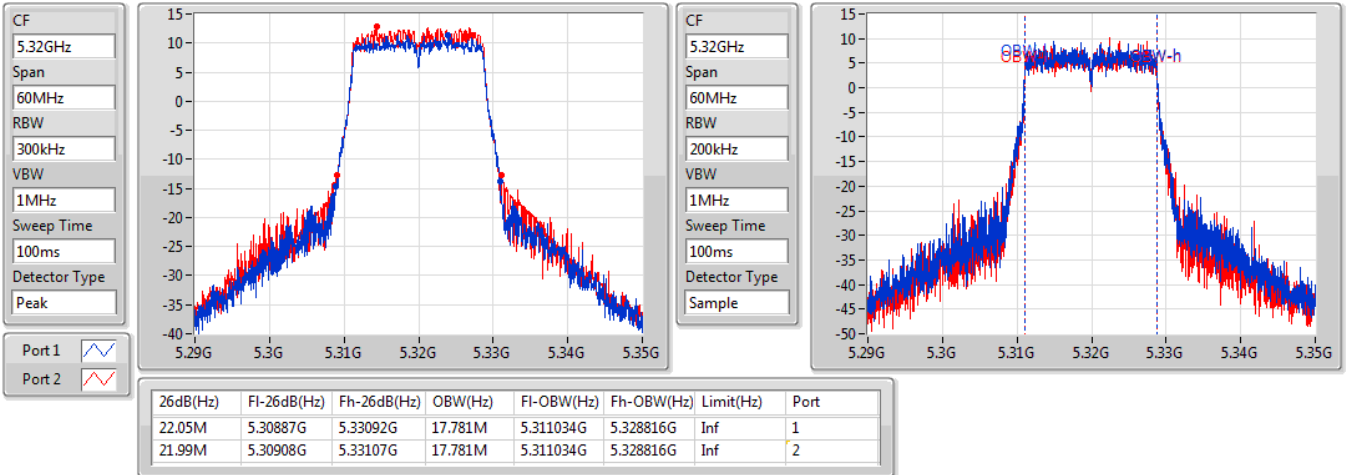


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5320MHz

14/11/2019

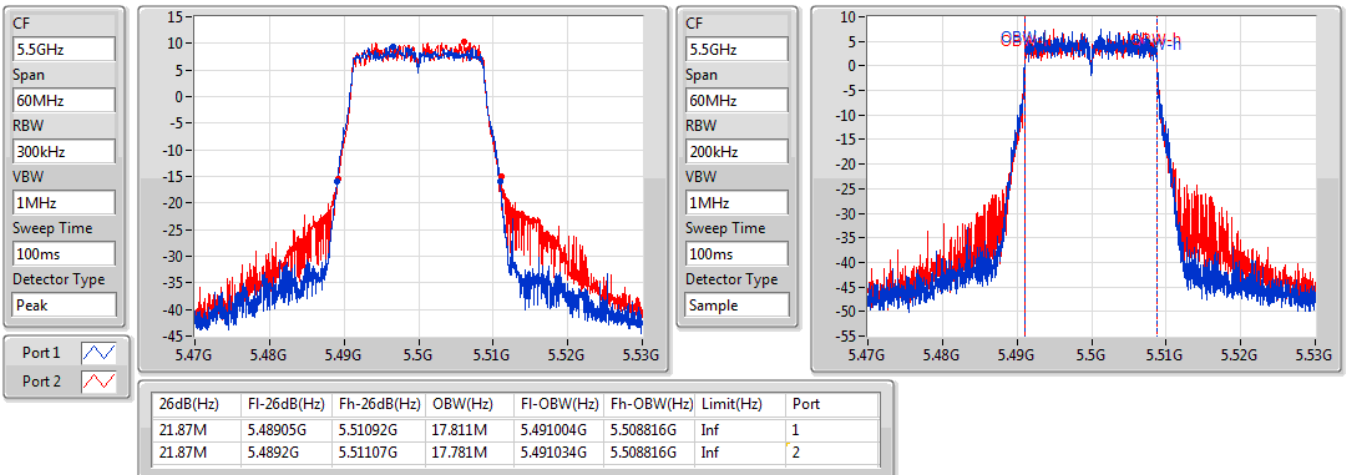


802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

5500MHz

14/11/2019





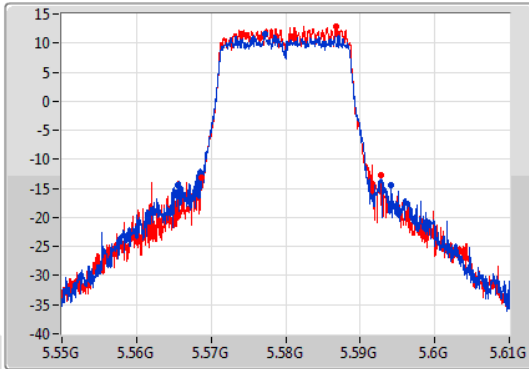
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

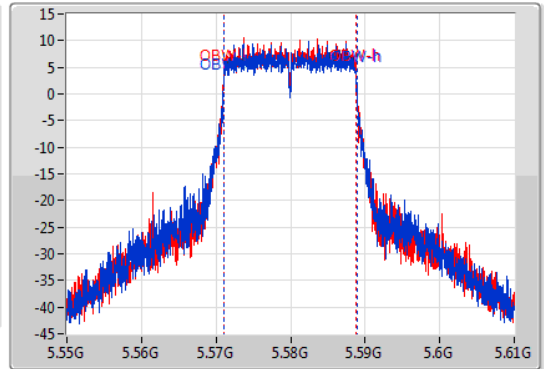
5580MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.59M	5.56557G	5.59416G	17.871M	5.571004G	5.588876G	Inf	1
24M	5.56872G	5.59272G	17.781M	5.571034G	5.588816G	Inf	2

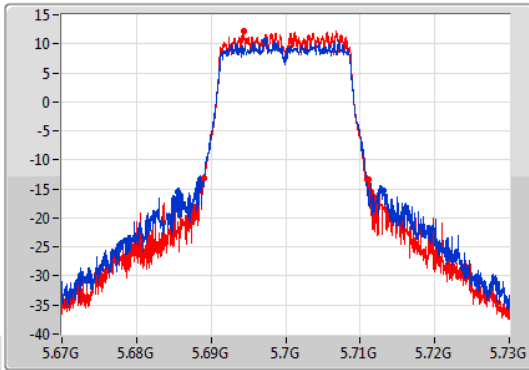
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

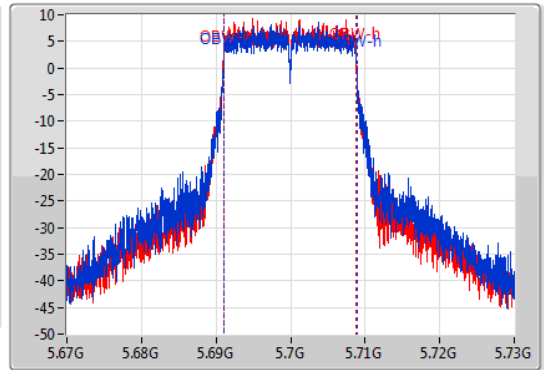
5700MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.66M	5.68554G	5.7132G	17.871M	5.691004G	5.708876G	Inf	1
22.11M	5.68905G	5.71116G	17.781M	5.691034G	5.708816G	Inf	2

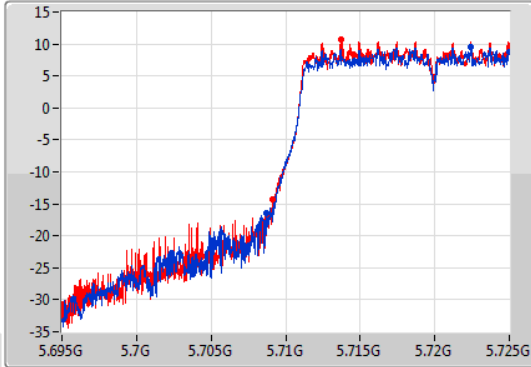
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

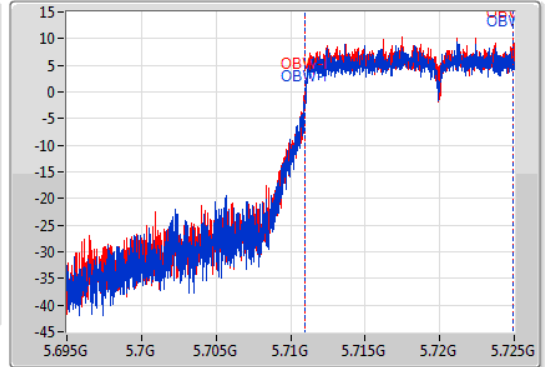
5720MHz Straddle 5.47-5.725GHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.708725G	5.725G	13.943M	5.71099G	5.724933G	Inf	1
15.84M	5.70916G	5.725G	13.973M	5.710975G	5.724948G	Inf	2

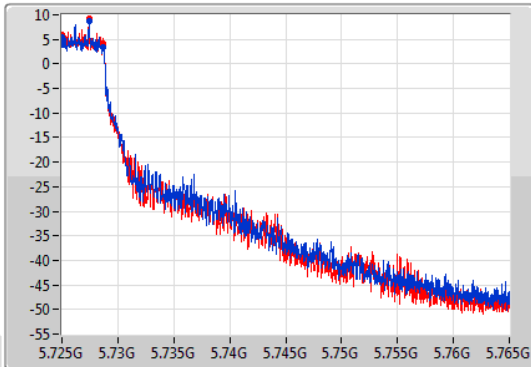
802.11ac VHT20\_Nss2,(MCS0)\_2TX

EBW

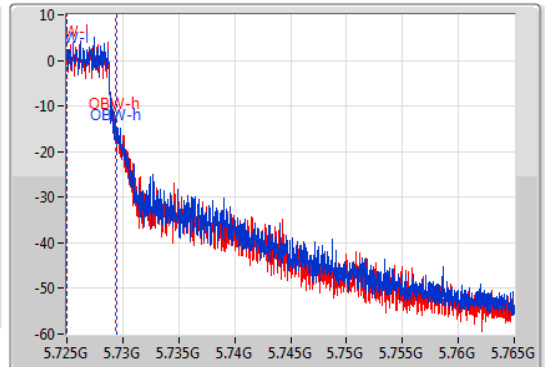
5720MHz Straddle 5.725-5.85GHz

14/11/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
Sweep Time  
100ms  
Detector Type  
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	4.378M	5.72503G	5.729408G	500k	1
3.72M	5.725G	5.72872G	4.318M	5.72501G	5.729328G	500k	2

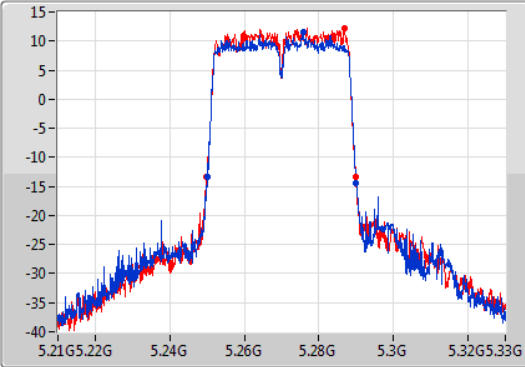
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

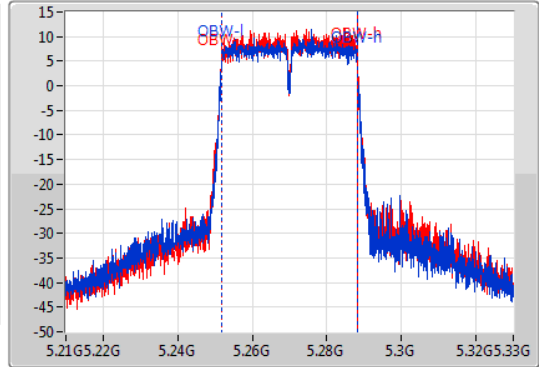
5270MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.25002G	5.29004G	36.222M	5.251829G	5.288051G	Inf	1
40.08M	5.24984G	5.28992G	36.282M	5.251829G	5.288111G	Inf	2

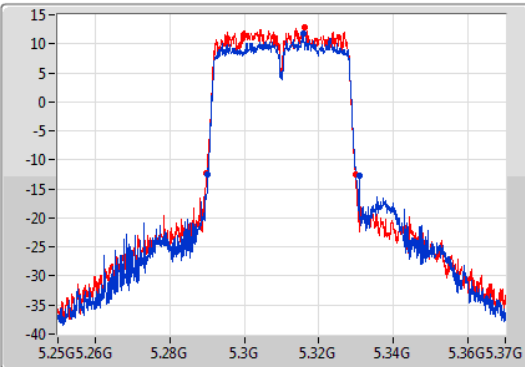
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

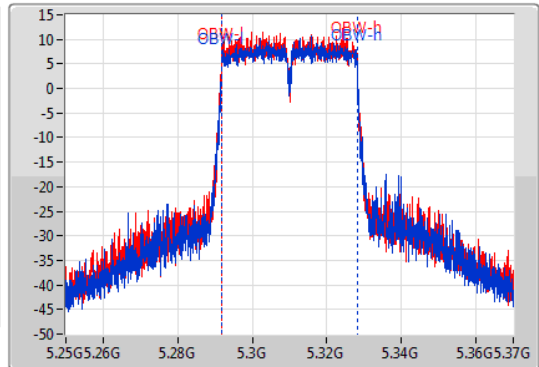
5310MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.29008G	5.33082G	36.222M	5.291829G	5.328051G	Inf	1
39.9M	5.2899G	5.3298G	36.222M	5.291829G	5.328051G	Inf	2

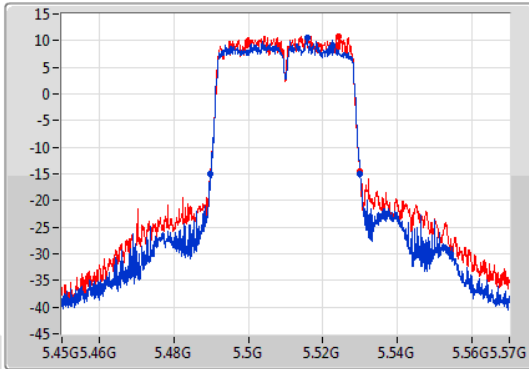
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

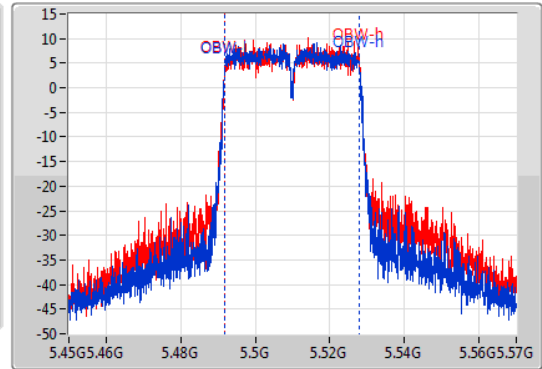
5510MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.48978G	5.52998G	36.222M	5.491769G	5.527991G	Inf	1
40.2M	5.48978G	5.52998G	36.162M	5.491829G	5.527991G	Inf	2

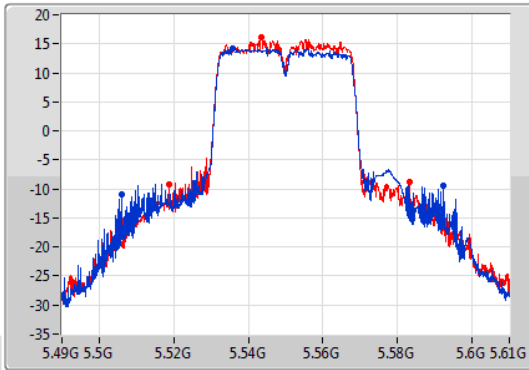
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

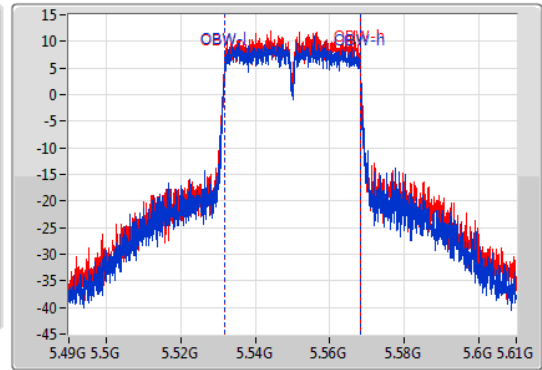
5550MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.1M	5.50608G	5.59218G	36.342M	5.531709G	5.568051G	Inf	1
64.62M	5.51862G	5.58324G	36.402M	5.531769G	5.568171G	Inf	2

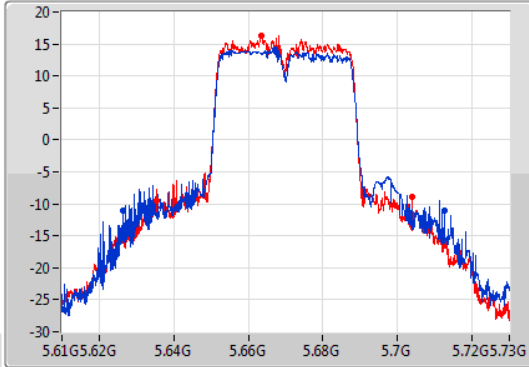
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

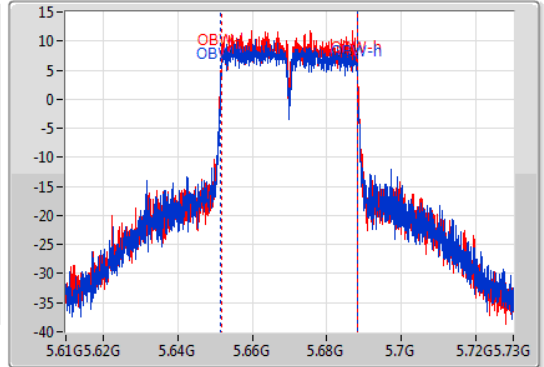
5670MHz

14/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.22M	5.62626G	5.71248G	36.522M	5.651589G	5.688111G	Inf	1
68.76M	5.63532G	5.70408G	36.462M	5.651649G	5.688111G	Inf	2

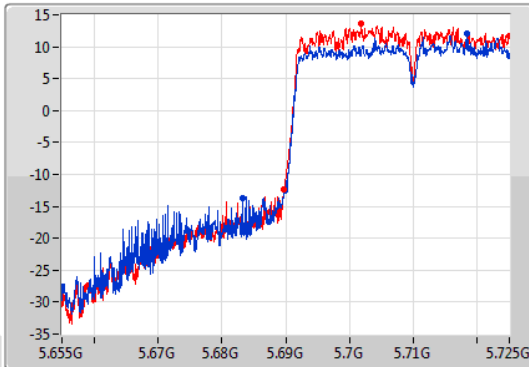
802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

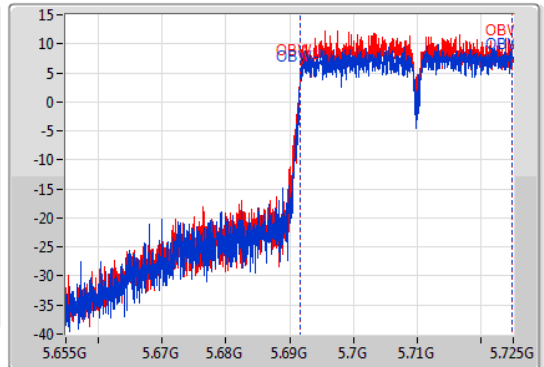
5710MHz Straddle 5.47-5.725GHz

14/11/2019

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



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



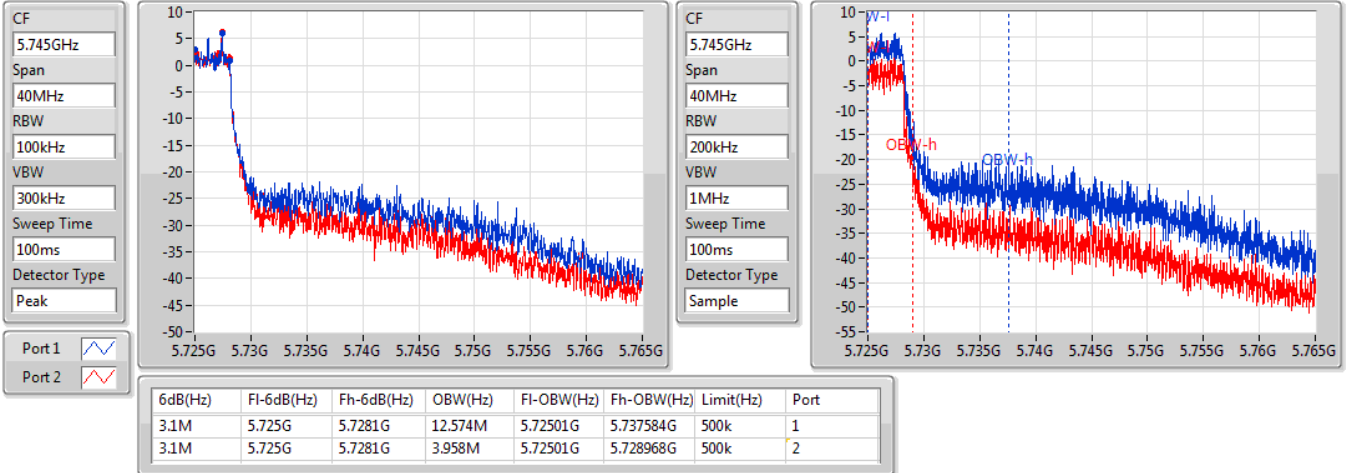
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.685M	5.683315G	5.725G	33.093M	5.691749G	5.724843G	Inf	1
35.21M	5.68979G	5.725G	33.093M	5.691749G	5.724843G	Inf	2

802.11ac VHT40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

14/11/2019

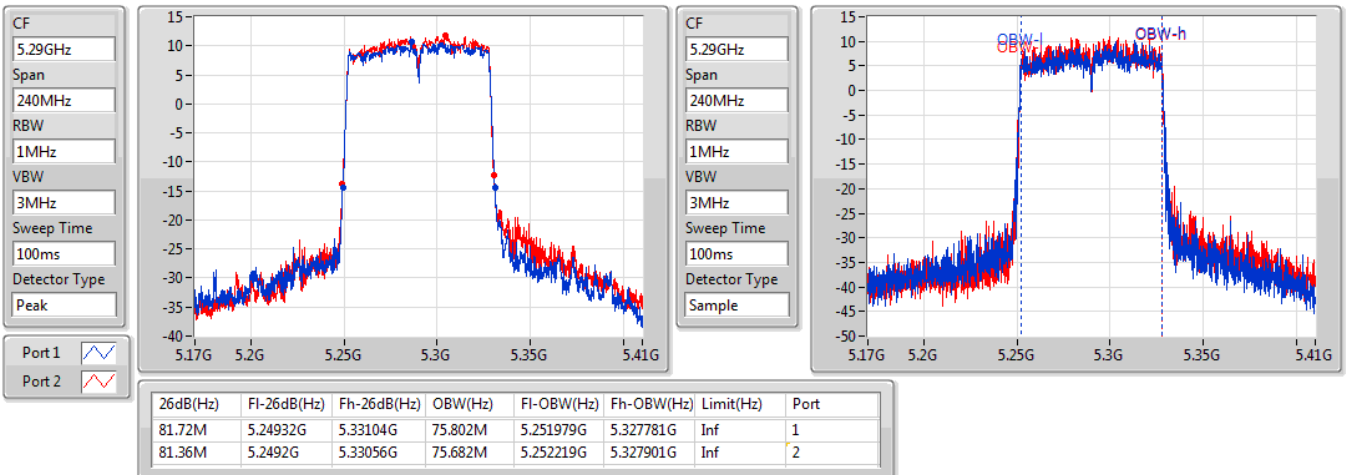


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5290MHz

14/11/2019



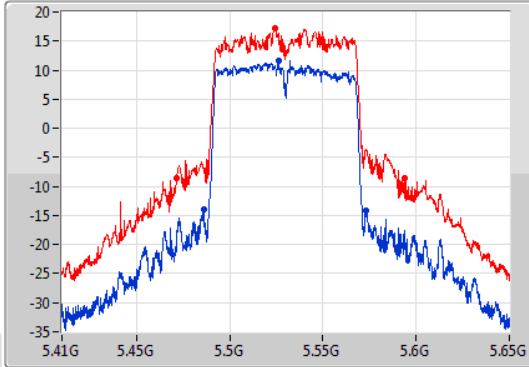
802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

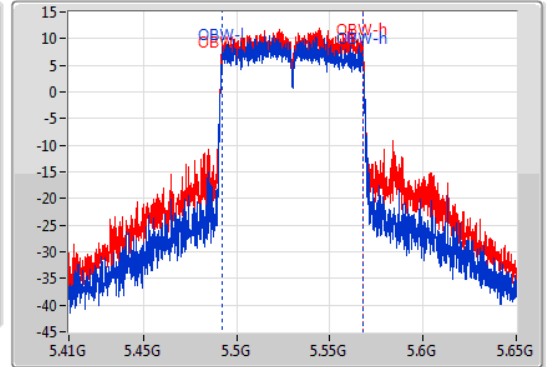
5530MHz

14/11/2019

CF: 5.53GHz  
 Span: 240MHz  
 RBW: 2MHz  
 VBW: 10MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1: [Waveform icon]  
 Port 2: [Waveform icon]



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.36M	5.48596G	5.57332G	75.802M	5.491979G	5.567781G	Inf	1
122.4M	5.47156G	5.59396G	75.922M	5.491979G	5.567901G	Inf	2

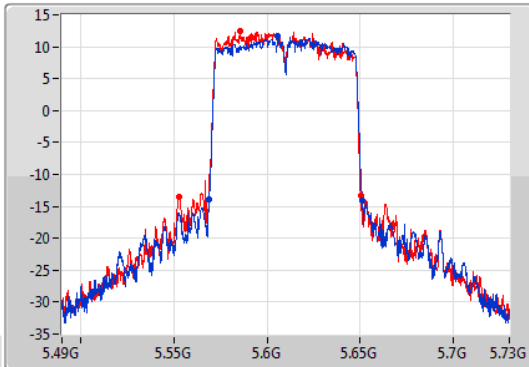
802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

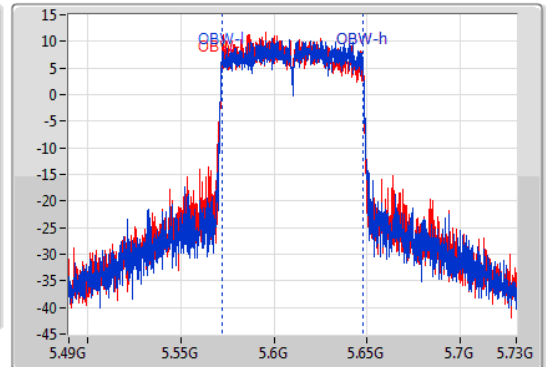
5610MHz

14/11/2019

CF: 5.61GHz  
 Span: 240MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1: [Waveform icon]  
 Port 2: [Waveform icon]



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



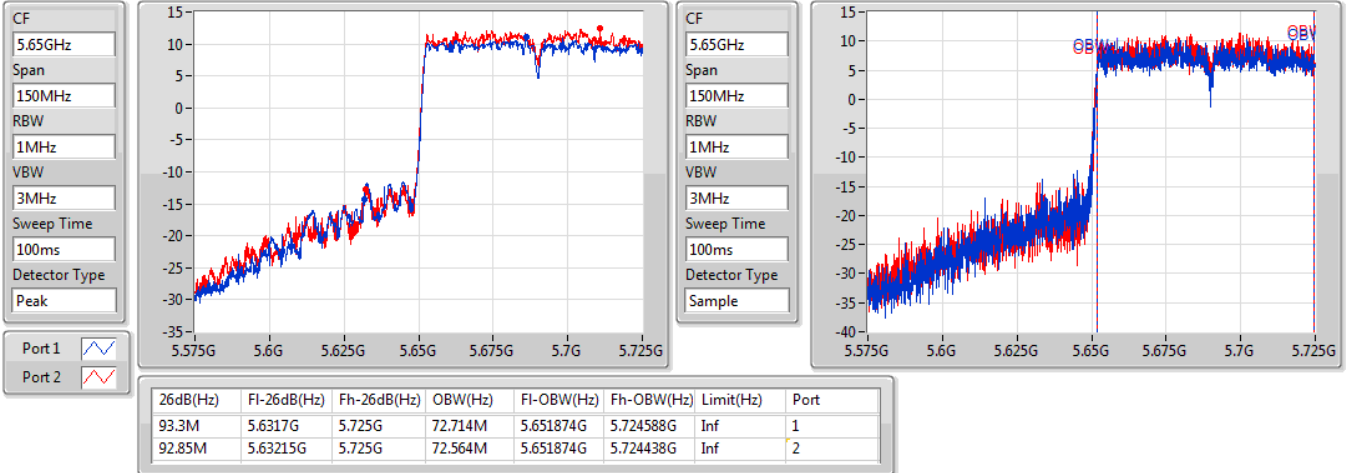
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.56908G	5.6514G	75.682M	5.571979G	5.647661G	Inf	1
97.56M	5.55276G	5.65032G	75.682M	5.571979G	5.647661G	Inf	2

802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

14/11/2019

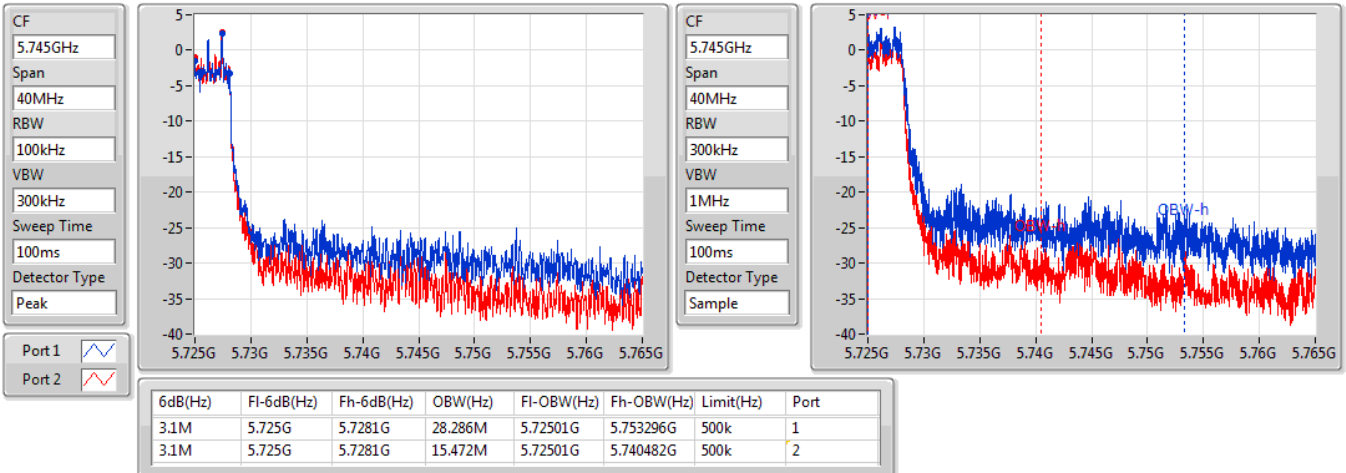


802.11ac VHT80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

14/11/2019





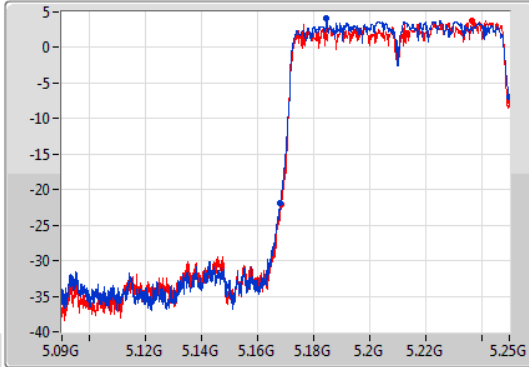
802.11ac VHT160\_Nss2,(MCS0)\_2TX

EBW

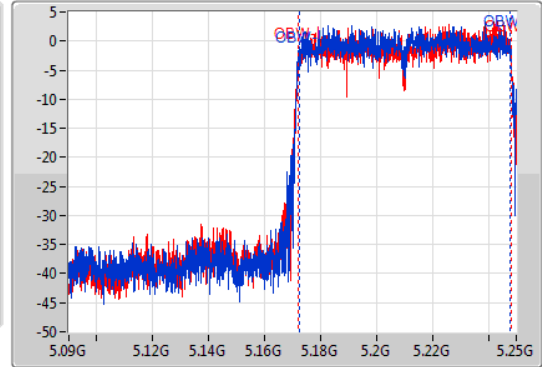
5250MHz Straddle 5.15-5.25GHz

14/11/2019

CF  
5.17GHz  
Span  
160MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.17GHz  
Span  
160MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16816G	5.25G	75.722M	5.172239G	5.247961G	Inf	1
81.6M	5.1684G	5.25G	75.882M	5.172159G	5.248041G	Inf	2

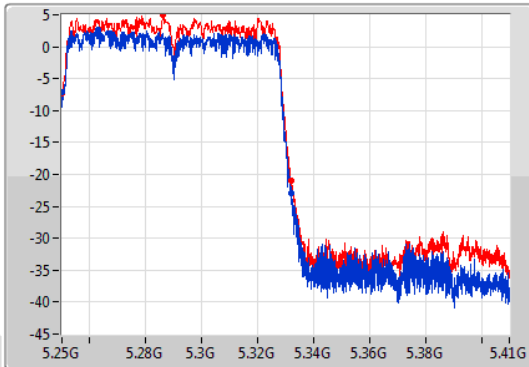
802.11ac VHT160\_Nss2,(MCS0)\_2TX

EBW

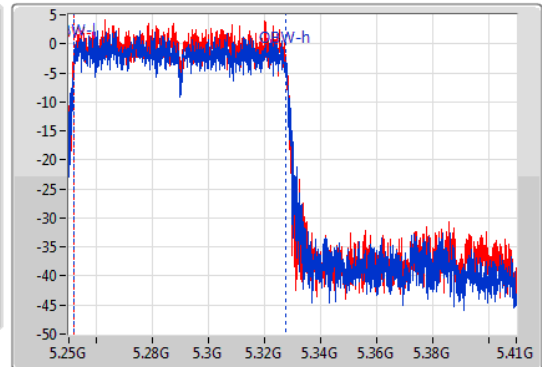
5250MHz Straddle 5.25-5.35GHz

14/11/2019

CF  
5.33GHz  
Span  
160MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.33GHz  
Span  
160MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.16M	5.25G	5.33216G	75.882M	5.251879G	5.327761G	Inf	1
81.92M	5.25G	5.33192G	75.722M	5.251879G	5.327601G	Inf	2

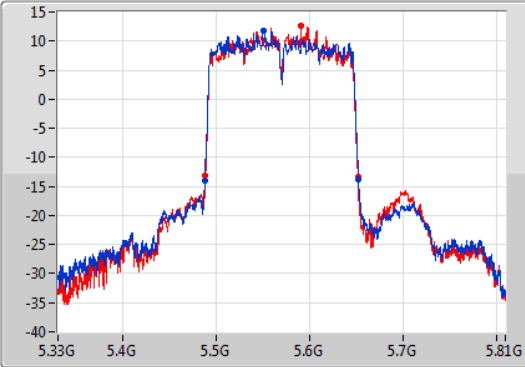
802.11ac VHT160\_Nss2,(MCS0)\_2TX

EBW

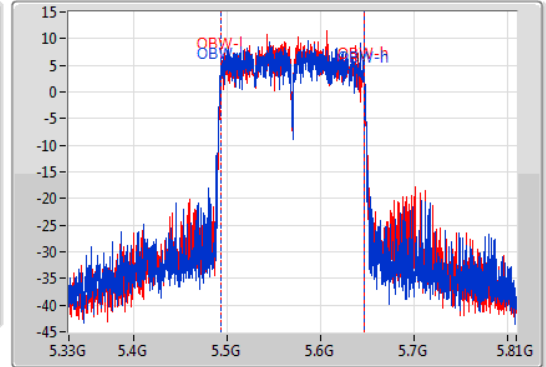
5570MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	5.48744G	5.65232G	154.243M	5.492519G	5.646762G	Inf	1
163.44M	5.4884G	5.65184G	153.043M	5.493238G	5.646282G	Inf	2

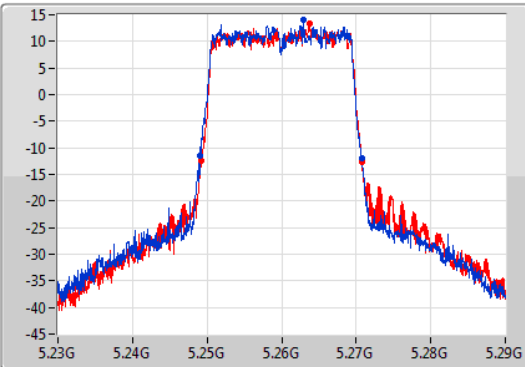
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

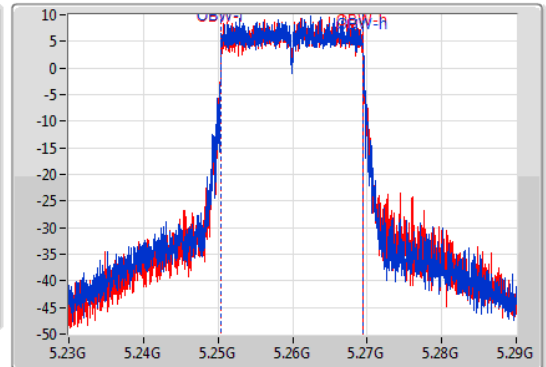
5260MHz

14/11/2019

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



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



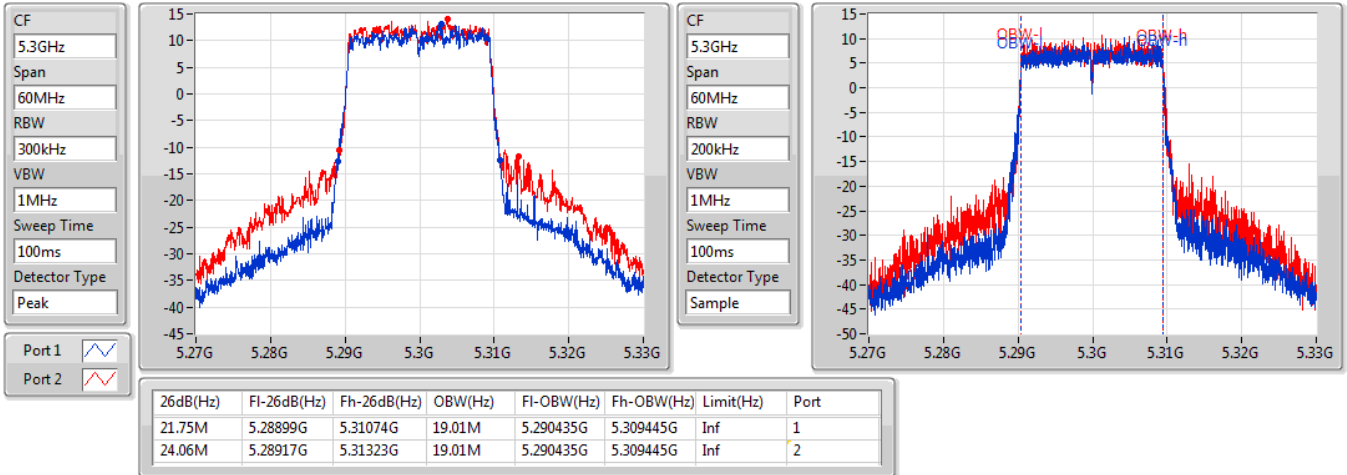
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.24902G	5.27071G	18.981M	5.250435G	5.269415G	Inf	1
21.54M	5.24923G	5.27077G	18.951M	5.250465G	5.269415G	Inf	2

802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5300MHz

14/11/2019

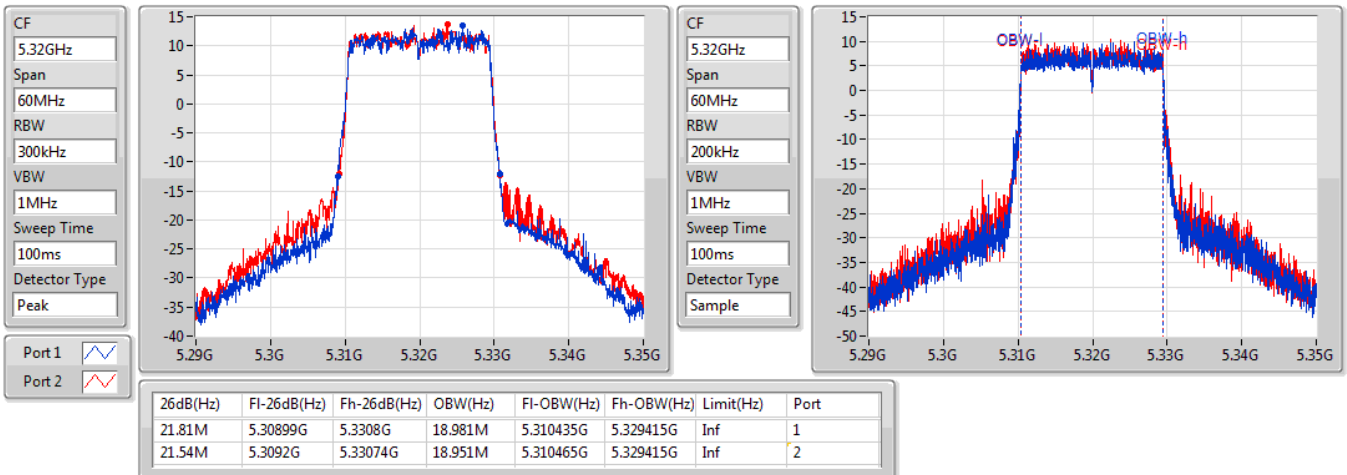


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5320MHz

14/11/2019



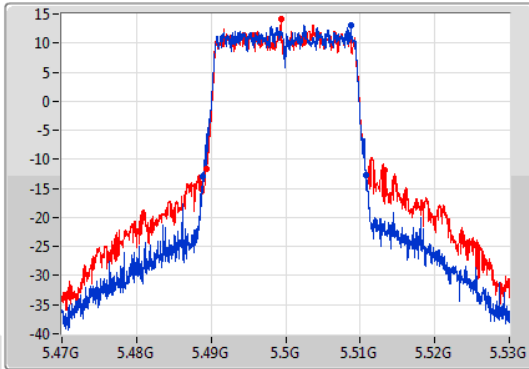
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

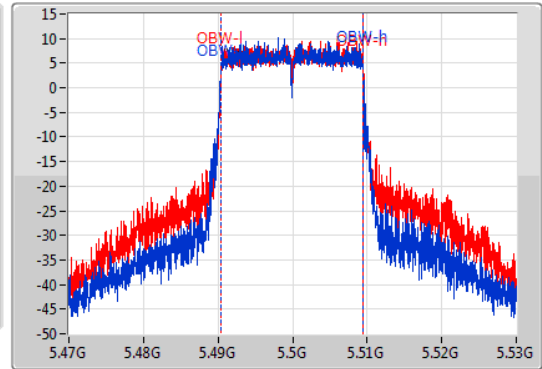
5500MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.48893G	5.51077G	19.01M	5.490405G	5.509415G	Inf	1
24M	5.48932G	5.51332G	19.04M	5.490435G	5.509475G	Inf	2

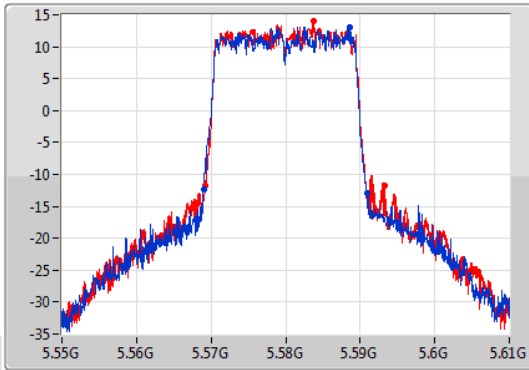
802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

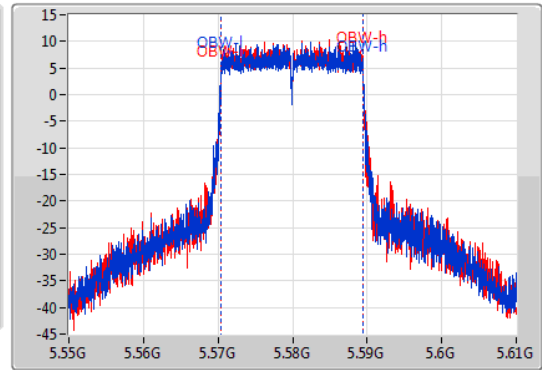
5580MHz

14/11/2019

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



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



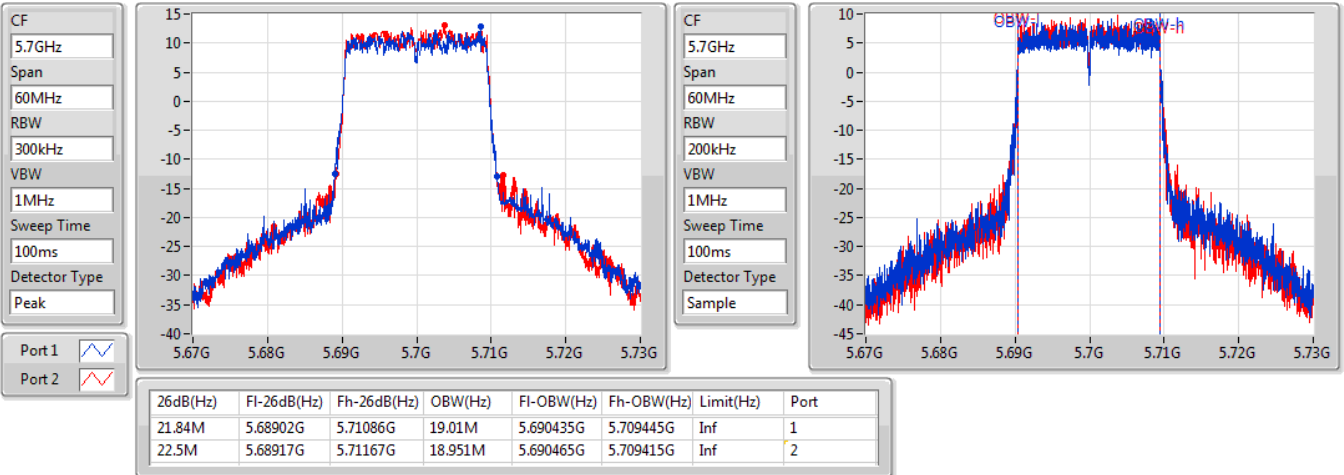
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.56899G	5.59095G	19.01M	5.570435G	5.589445G	Inf	1
24M	5.56923G	5.59323G	18.951M	5.570465G	5.589415G	Inf	2

802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5700MHz

14/11/2019

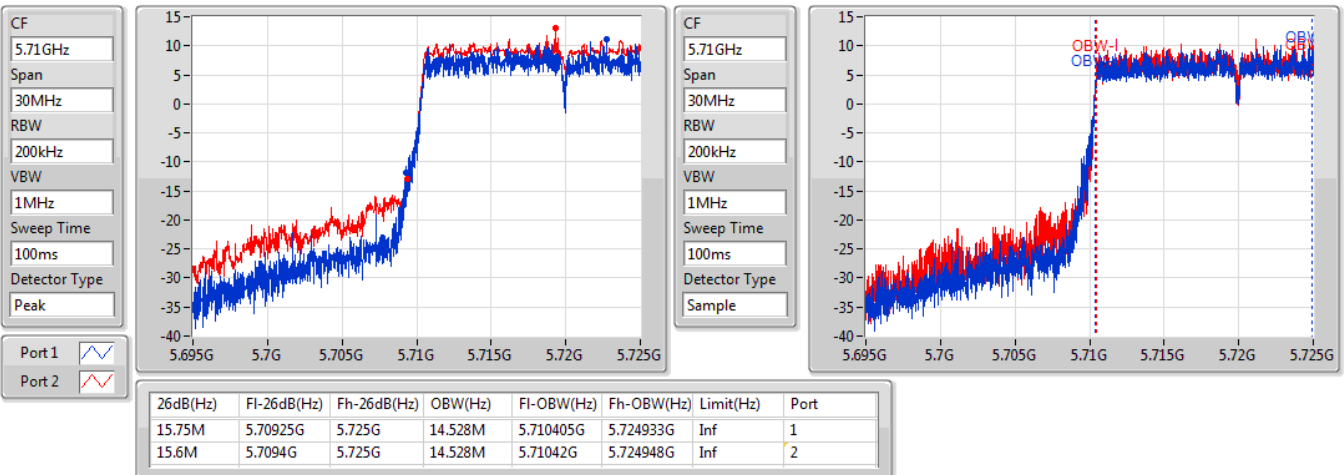


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

14/11/2019

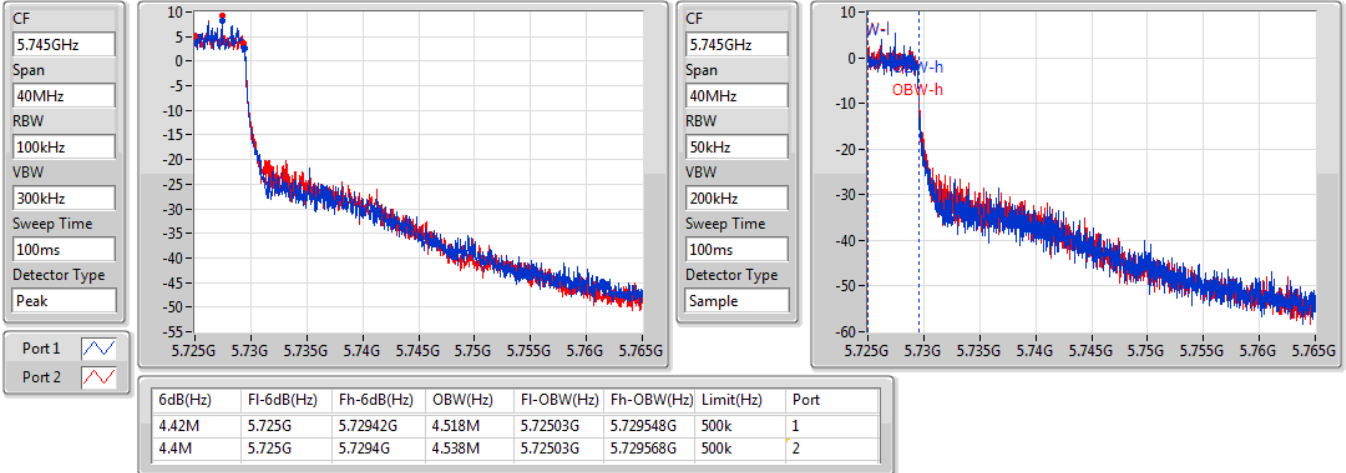


802.11ax HEW20\_Nss2,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

14/11/2019

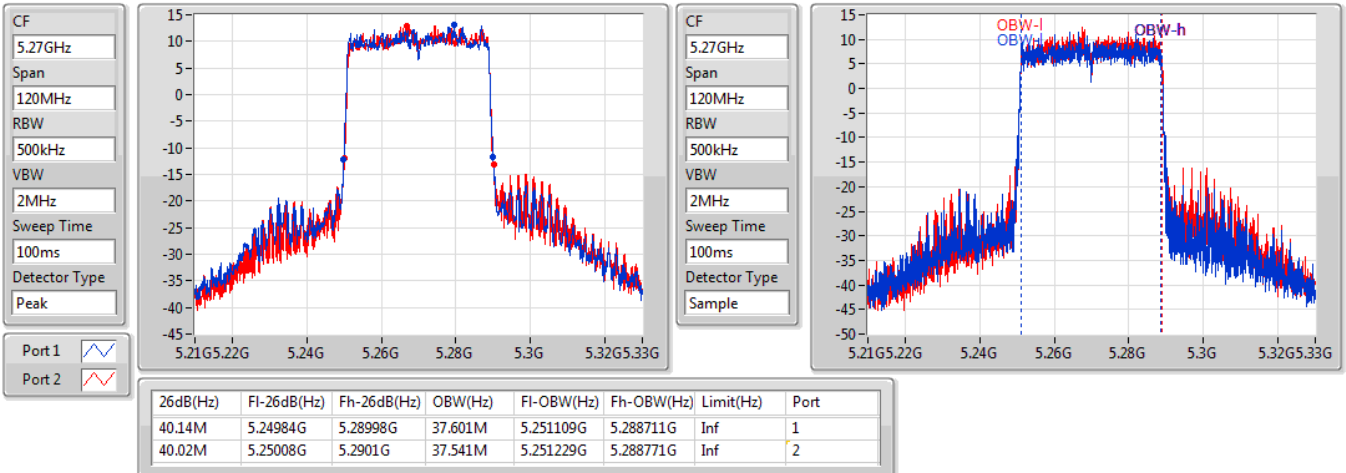


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5270MHz

14/11/2019



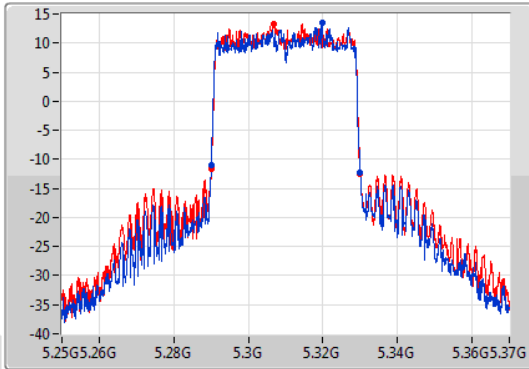
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

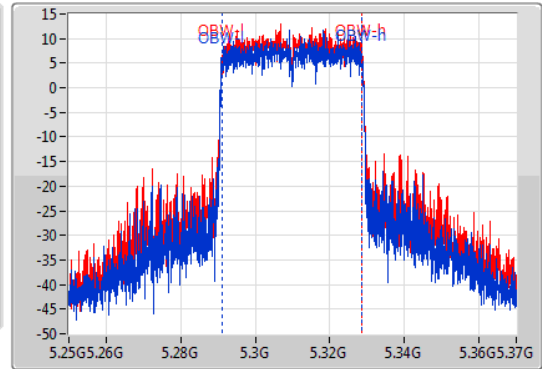
5310MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.29002G	5.33004G	37.661M	5.291049G	5.328711G	Inf	1
39.96M	5.29008G	5.33004G	37.541M	5.291169G	5.328711G	Inf	2

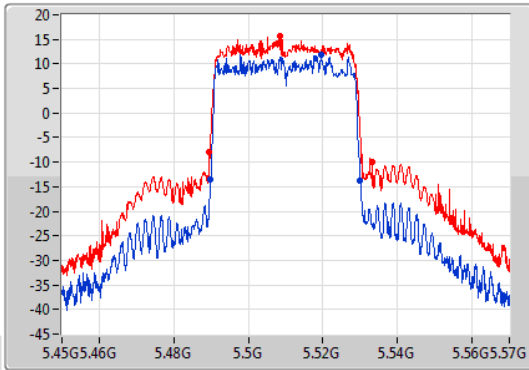
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

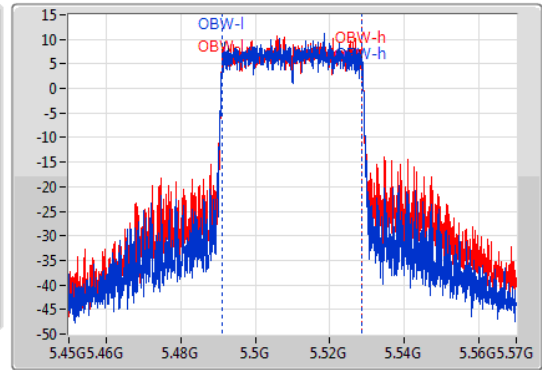
5510MHz

14/11/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.4899G	5.53004G	37.601M	5.491049G	5.528651G	Inf	1
43.8M	5.48954G	5.53334G	37.541M	5.491169G	5.528711G	Inf	2

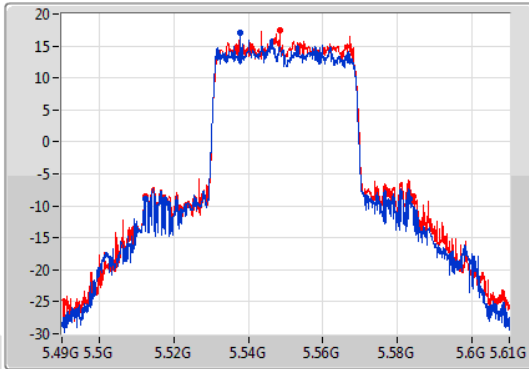
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

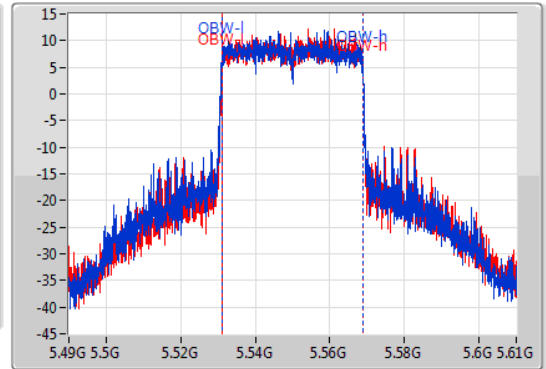
5550MHz

14/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
71.1M	5.51232G	5.58342G	37.781M	5.53099G	5.568771G	Inf	1
71.88M	5.5125G	5.58438G	37.661M	5.531109G	5.568771G	Inf	2

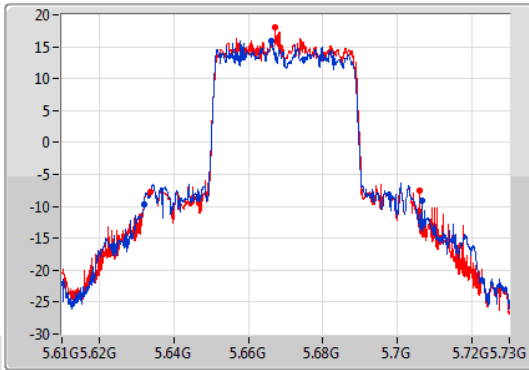
802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

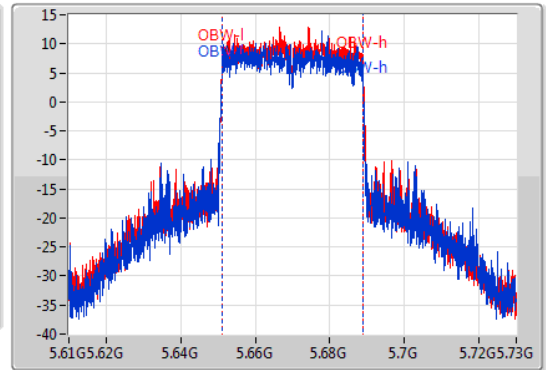
5670MHz

14/11/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.64M	5.63202G	5.70666G	37.781M	5.65099G	5.688771G	Inf	1
72.06M	5.63382G	5.70588G	37.661M	5.651109G	5.688771G	Inf	2

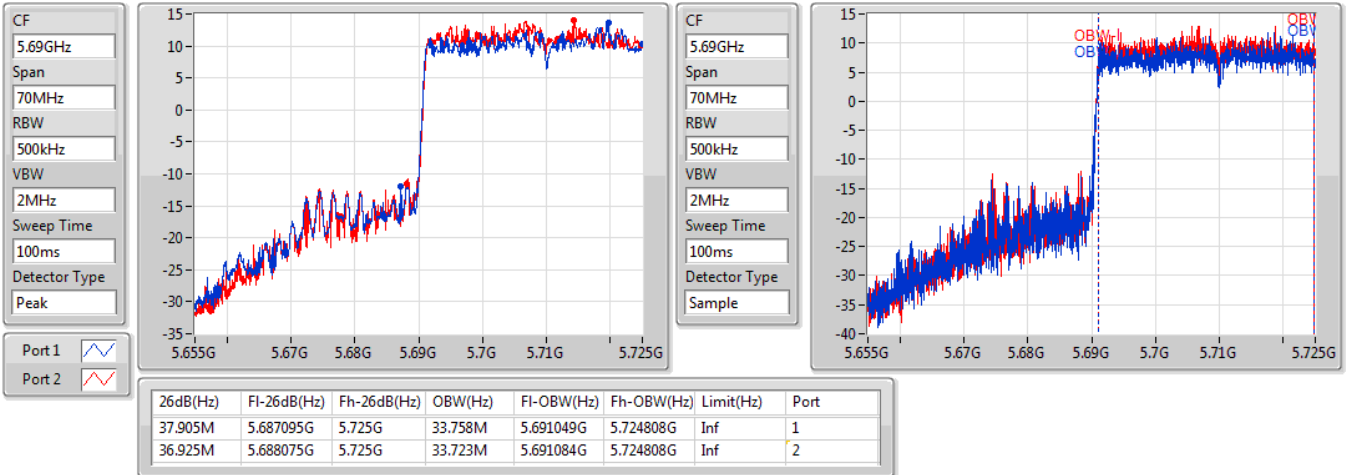


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

14/11/2019

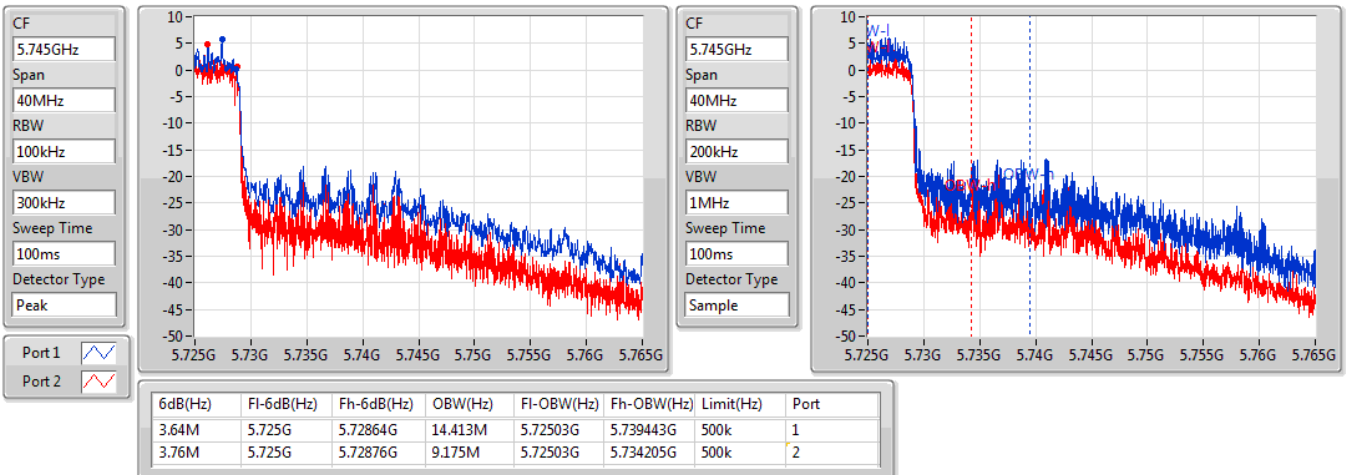


802.11ax HEW40\_Nss2,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

14/11/2019

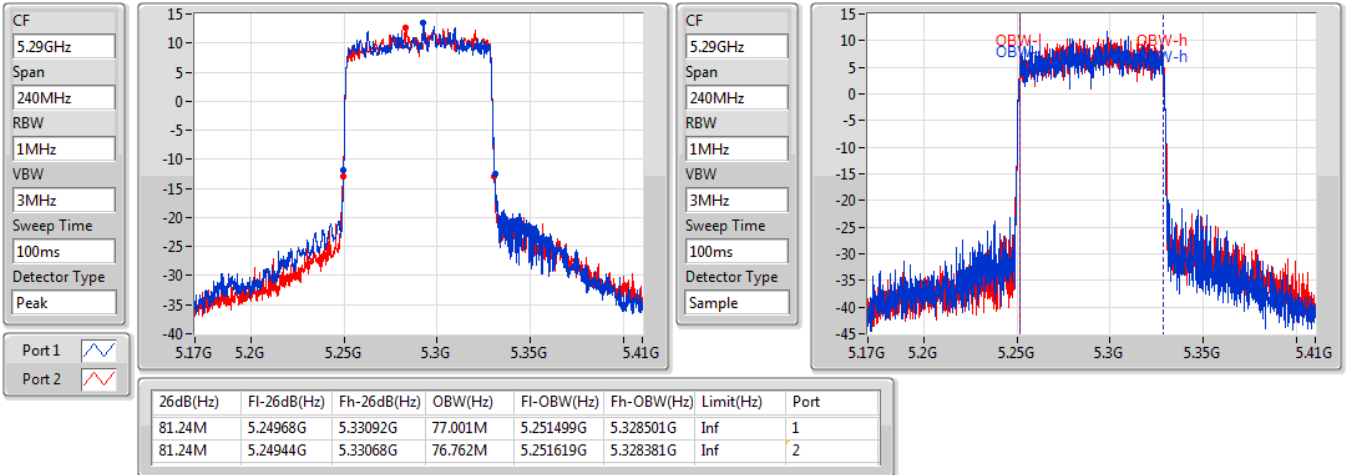


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5290MHz

14/11/2019

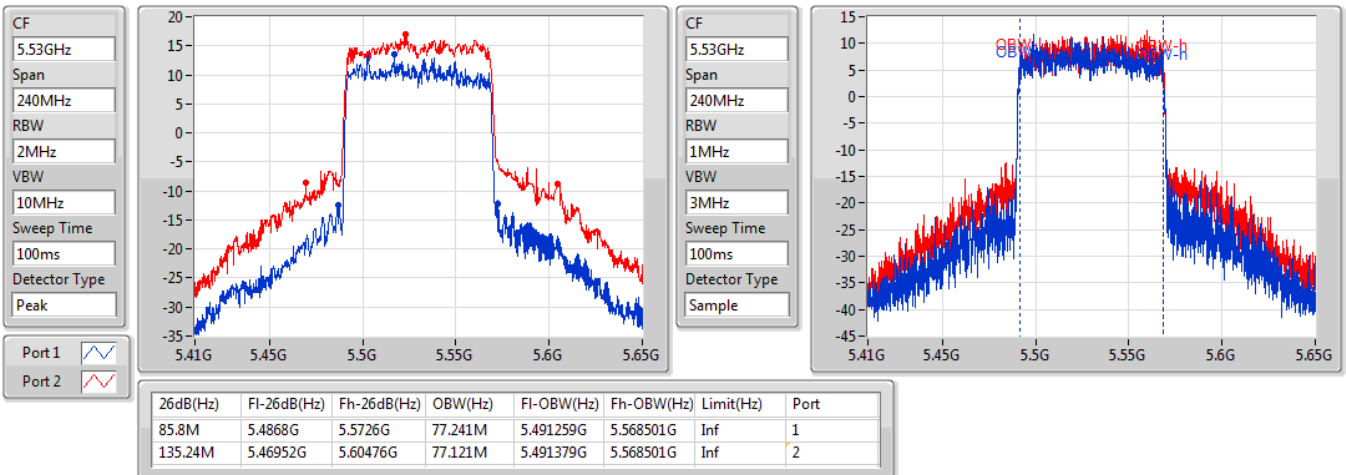


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5530MHz

14/11/2019

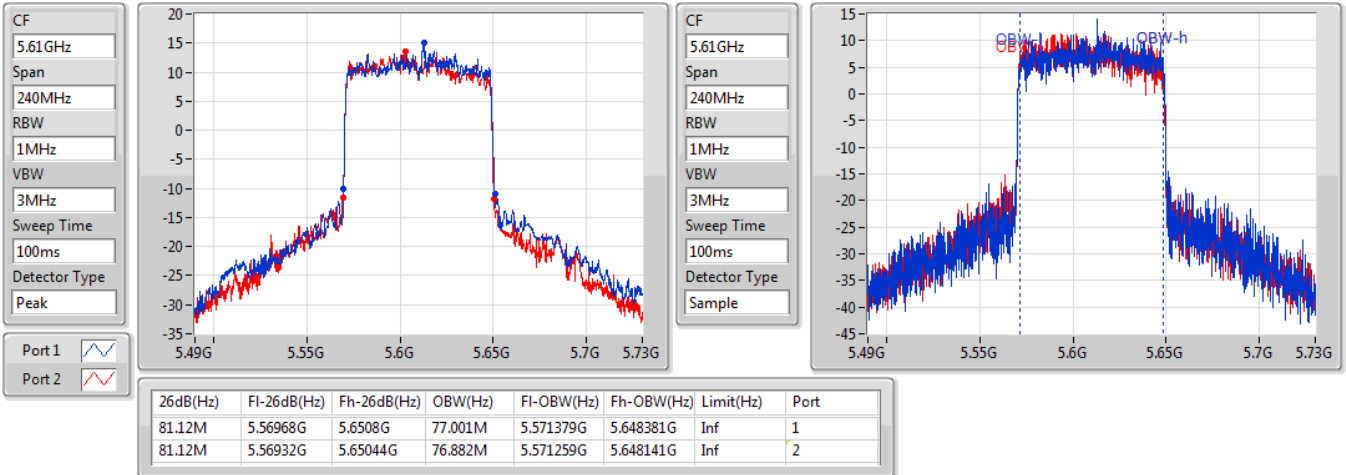


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5610MHz

14/11/2019

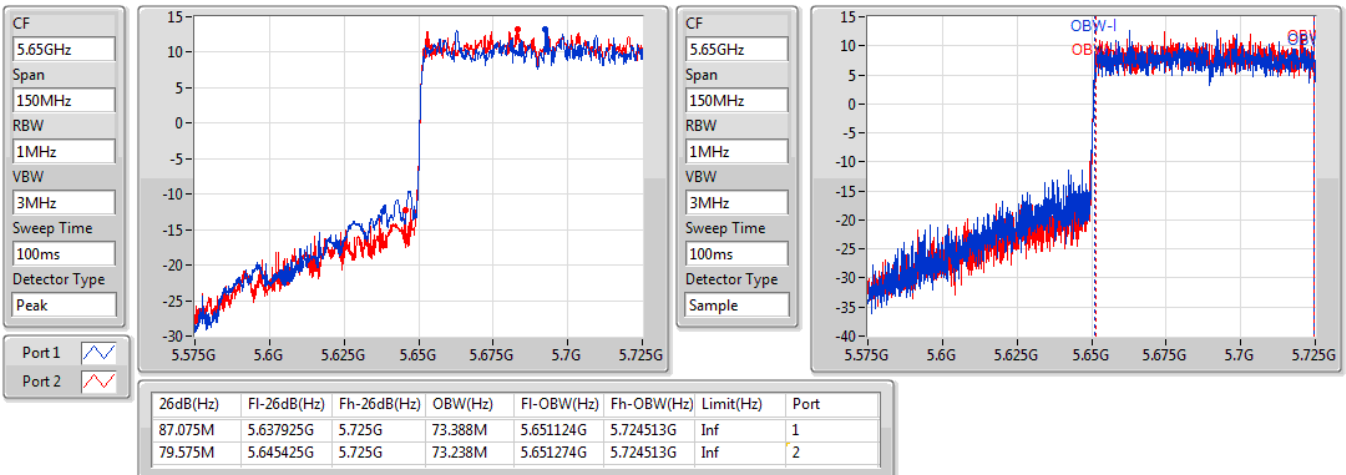


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

14/11/2019

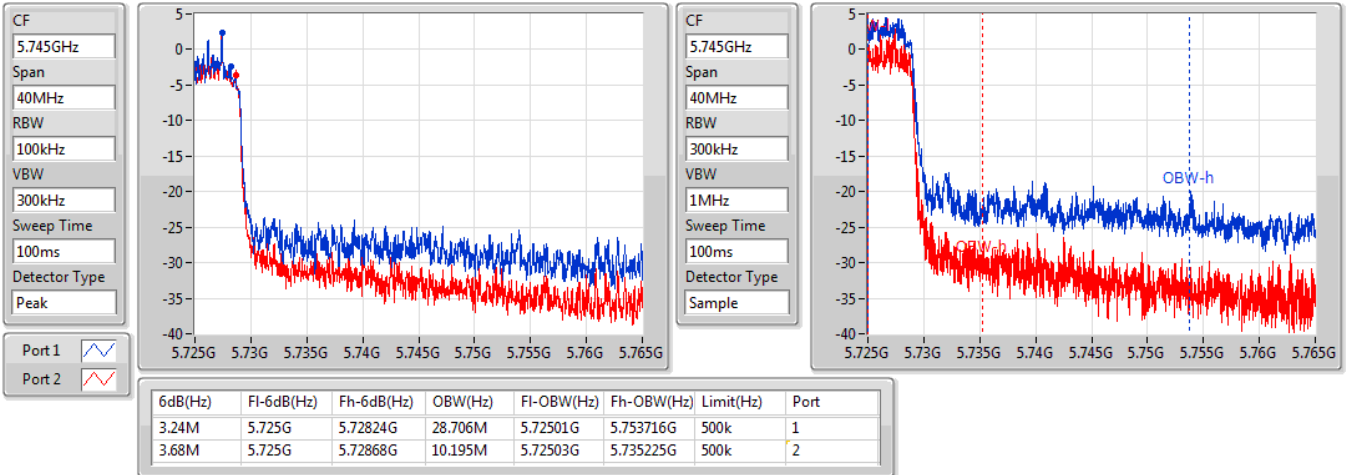


802.11ax HEW80\_Nss2,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

14/11/2019

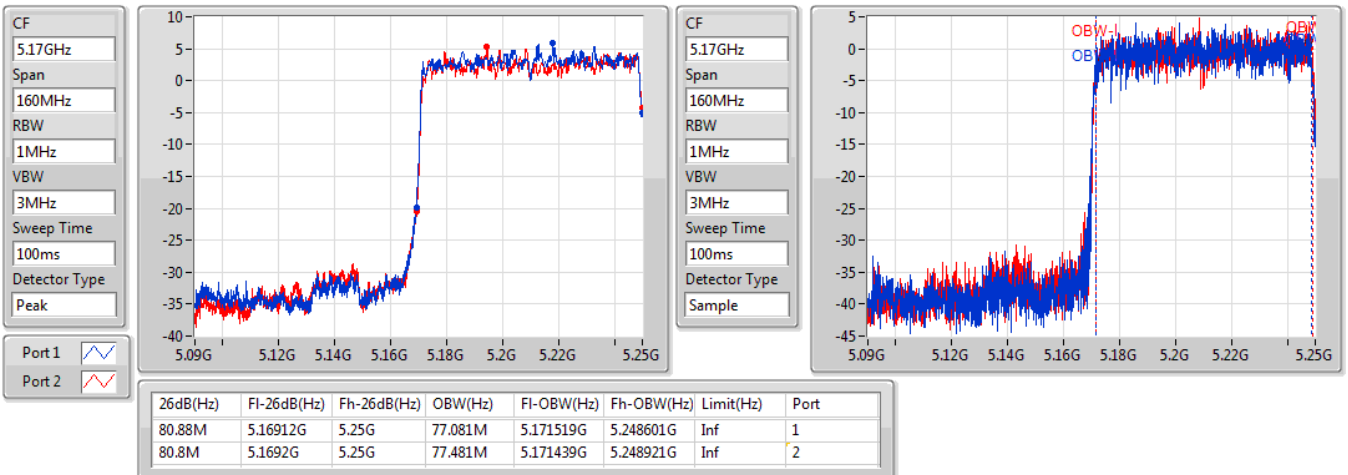


802.11ax HEW160\_Nss2,(MCS0)\_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

14/11/2019

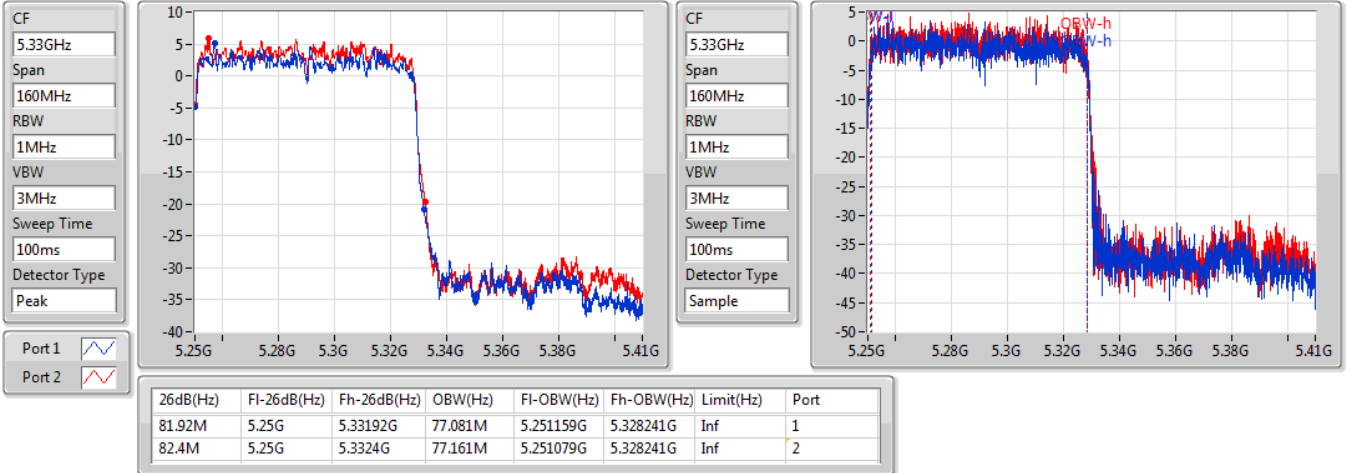


802.11ax HEW160\_Nss2,(MCS0)\_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

14/11/2019



802.11ax HEW160\_Nss2,(MCS0)\_2TX

EBW

5570MHz

14/11/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	83.92M	76.922M	76M9D1D	82.64M	76.282M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.52M	77.881M	77M9D1D	82.4M	77.641M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.66M	16.792M	16M8D1D	21.27M	16.642M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.72M	17.871M	17M9D1D	21.39M	17.781M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.04M	36.402M	36M4D1D	40.14M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.64M	75.802M	75M8D1D	82.8M	75.682M
802.11ac VHT160_Nss1,(MCS0)_4TX	84.48M	77.001M	77M0D1D	82.96M	76.282M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.75M	19.07M	19M1D1D	21.33M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.98M	37.601M	37M6D1D	40.8M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.76M	77.121M	77M1D1D	83.04M	77.001M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.84M	78.121M	78M1D1D	83.44M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.63M	16.762M	16M8D1D	15.69M	13.358M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.75M	17.871M	17M9D1D	15.825M	13.958M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.04M	36.402M	36M4D1D	35.28M	32.954M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.52M	75.682M	75M7D1D	76.5M	72.489M
802.11ac VHT160_Nss1,(MCS0)_4TX	166.32M	154.243M	154MD1D	165.36M	153.763M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.75M	19.04M	19M0D1D	15.795M	14.468M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.98M	37.601M	37M6D1D	35.385M	33.618M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.88M	77.121M	77M1D1D	76.65M	73.163M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.8M	155.442M	155MD1D	166.08M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.22M	3.958M	3M96D1D	3.1M	3.818M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.82M	4.318M	4M32D1D	3.74M	4.178M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.14M	3.518M	3M52D1D	3.1M	3.458M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.12M	3.718M	3M72D1D	3.08M	3.558M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.52M	4.538M	4M54D1D	4.42M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.8M	4.038M	4M04D1D	3.72M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.82M	4.058M	4M06D1D	3.72M	4.038M

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

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

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

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.48M	16.672M	21.66M	16.732M	21.57M	16.702M	21.45M	16.642M
5300MHz_TnomVnom	Pass	Inf	21.48M	16.732M	21.48M	16.792M	21.63M	16.732M	21.27M	16.642M
5320MHz_TnomVnom	Pass	Inf	21.3M	16.702M	21.63M	16.732M	21.36M	16.672M	21.48M	16.642M
5500MHz_TnomVnom	Pass	Inf	21.36M	16.702M	21.57M	16.762M	21.54M	16.672M	21.33M	16.672M
5580MHz_TnomVnom	Pass	Inf	21.21M	16.702M	21.63M	16.762M	21.54M	16.732M	21.48M	16.672M
5700MHz_TnomVnom	Pass	Inf	21.42M	16.702M	21.48M	16.732M	21.39M	16.702M	21.3M	16.642M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.69M	13.358M	15.795M	13.418M	15.84M	13.388M	15.72M	13.388M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	3.938M	3.1M	3.958M	3.22M	3.818M	3.16M	3.878M
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.6M	17.871M	21.57M	17.781M	21.39M	17.811M	21.54M	17.841M
5300MHz_TnomVnom	Pass	Inf	21.63M	17.841M	21.45M	17.781M	21.45M	17.811M	21.72M	17.841M
5320MHz_TnomVnom	Pass	Inf	21.69M	17.871M	21.48M	17.811M	21.48M	17.811M	21.63M	17.841M
5500MHz_TnomVnom	Pass	Inf	21.69M	17.871M	21.57M	17.841M	21.3M	17.811M	21.75M	17.871M
5580MHz_TnomVnom	Pass	Inf	21.72M	17.871M	21.51M	17.811M	21.42M	17.811M	21.63M	17.871M
5700MHz_TnomVnom	Pass	Inf	21.63M	17.871M	21.36M	17.811M	21.45M	17.811M	21.72M	17.871M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.9M	13.958M	15.825M	13.958M	15.84M	13.958M	15.885M	13.973M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.318M	3.76M	4.258M	3.74M	4.178M	3.82M	4.258M
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.92M	36.402M	40.92M	36.282M	40.92M	36.402M	40.14M	36.282M
5310MHz_TnomVnom	Pass	Inf	41.04M	36.402M	40.74M	36.342M	40.5M	36.402M	40.14M	36.342M
5510MHz_TnomVnom	Pass	Inf	41.04M	36.402M	40.62M	36.222M	40.92M	36.402M	40.32M	36.282M
5550MHz_TnomVnom	Pass	Inf	40.86M	36.402M	40.8M	36.282M	40.68M	36.402M	40.56M	36.342M
5670MHz_TnomVnom	Pass	Inf	40.98M	36.402M	40.68M	36.342M	40.8M	36.402M	40.38M	36.342M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.665M	33.023M	35.42M	32.954M	35.35M	32.989M	35.28M	32.989M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.1M	3.518M	3.12M	3.518M	3.12M	3.498M	3.14M	3.458M
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.64M	75.802M	82.8M	75.682M	82.8M	75.682M	83.4M	75.682M
5530MHz_TnomVnom	Pass	Inf	83.4M	75.682M	82.68M	75.682M	83.04M	75.682M	83.52M	75.682M
5610MHz_TnomVnom	Pass	Inf	82.8M	75.682M	82.92M	75.682M	82.92M	75.562M	83.28M	75.562M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.65M	72.489M	76.5M	72.564M	76.5M	72.564M	76.95M	72.489M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.08M	3.658M	3.12M	3.718M	3.1M	3.718M	3.12M	3.558M
802.11ac_VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	82.64M	76.762M	82.88M	76.922M	83.92M	76.282M	82.88M	76.362M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	82.96M	76.522M	84.48M	77.001M	83.44M	76.282M	83.28M	76.522M
5570MHz_TnomVnom	Pass	Inf	165.6M	154.243M	166.32M	153.763M	165.84M	154.243M	165.36M	154.003M
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.72M	19.01M	21.57M	19.01M	21.69M	19.01M	21.33M	19.01M
5300MHz_TnomVnom	Pass	Inf	21.6M	19.04M	21.6M	19.01M	21.75M	19.01M	21.72M	19.07M
5320MHz_TnomVnom	Pass	Inf	21.6M	19.04M	21.39M	19.01M	21.54M	19.01M	21.63M	19.04M
5500MHz_TnomVnom	Pass	Inf	21.66M	19.01M	21.27M	19.01M	21.66M	19.01M	21.48M	19.01M
5580MHz_TnomVnom	Pass	Inf	21.54M	19.01M	21.69M	19.01M	21.72M	19.01M	21.36M	19.01M
5700MHz_TnomVnom	Pass	Inf	21.48M	18.981M	21.66M	19.01M	21.75M	19.01M	21.66M	19.04M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.87M	14.498M	15.795M	14.543M	15.915M	14.468M	15.87M	14.513M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.44M	4.538M	4.42M	4.518M	4.46M	4.498M	4.52M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.8M	37.541M	40.86M	37.541M	40.92M	37.601M	40.86M	37.541M
5310MHz_TnomVnom	Pass	Inf	40.8M	37.481M	40.86M	37.541M	40.86M	37.481M	40.98M	37.541M
5510MHz_TnomVnom	Pass	Inf	40.98M	37.481M	40.74M	37.541M	40.74M	37.541M	40.86M	37.541M
5550MHz_TnomVnom	Pass	Inf	40.98M	37.541M	40.74M	37.541M	40.8M	37.601M	40.8M	37.601M
5670MHz_TnomVnom	Pass	Inf	40.92M	37.541M	40.74M	37.601M	40.86M	37.601M	40.86M	37.601M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.49M	33.618M	35.385M	33.688M	35.455M	33.653M	35.455M	33.653M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.72M	4.018M	3.8M	4.038M	3.72M	4.018M	3.8M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.76M	77.001M	83.04M	77.121M	83.52M	77.001M	83.16M	77.001M
5530MHz_TnomVnom	Pass	Inf	83.76M	77.001M	83.76M	77.121M	83.52M	77.001M	83.16M	77.001M
5610MHz_TnomVnom	Pass	Inf	83.64M	77.121M	83.76M	77.001M	83.88M	77.121M	83.16M	77.001M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.65M	73.163M	76.95M	73.163M	76.95M	73.163M	76.95M	73.238M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.72M	4.058M	3.78M	4.058M	3.82M	4.038M	3.74M	4.038M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	82.4M	77.641M	82.8M	77.881M	83.52M	77.881M	83.28M	77.881M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	83.44M	77.481M	83.68M	77.961M	83.84M	77.881M	83.52M	78.121M
5570MHz_TnomVnom	Pass	Inf	166.08M	155.442M	166.32M	154.963M	166.8M	155.442M	166.08M	154.963M

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

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

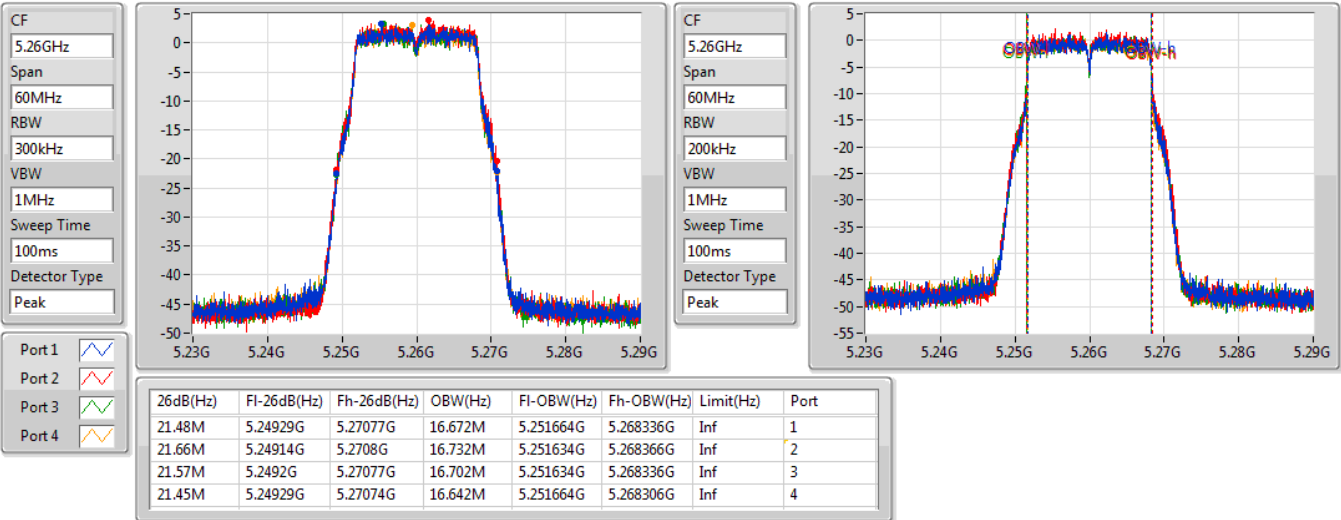


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5260MHz

02/12/2019

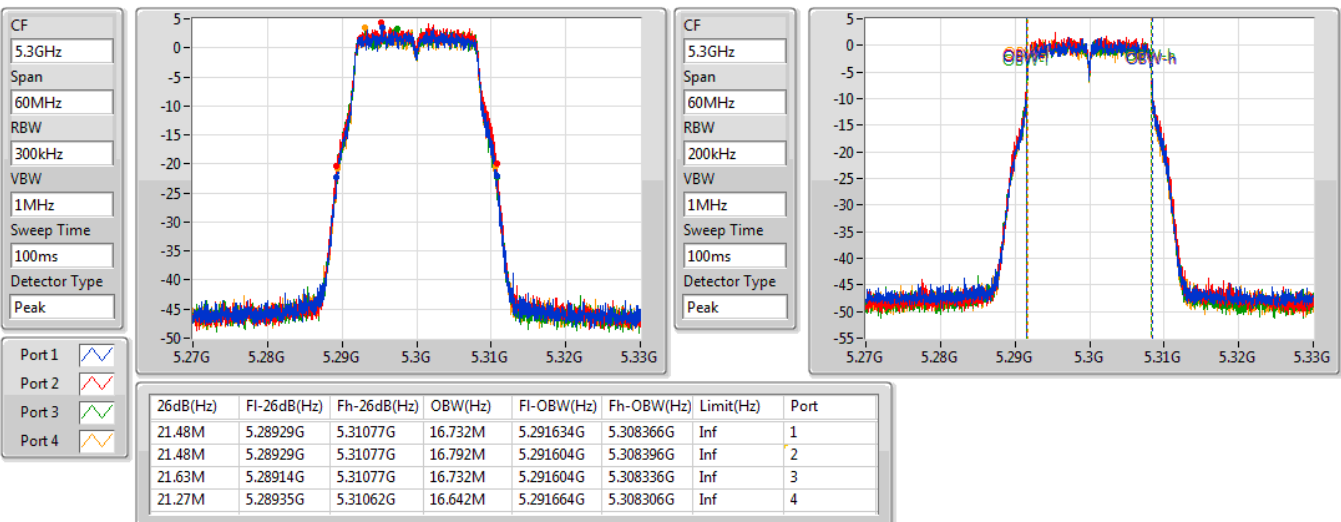


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5300MHz

02/12/2019



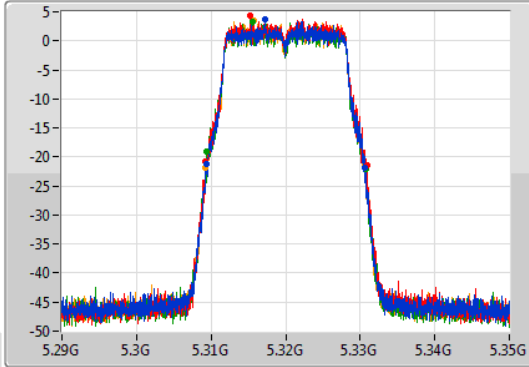
802.11a\_Nss1,(6Mbps)\_4TX

EBW

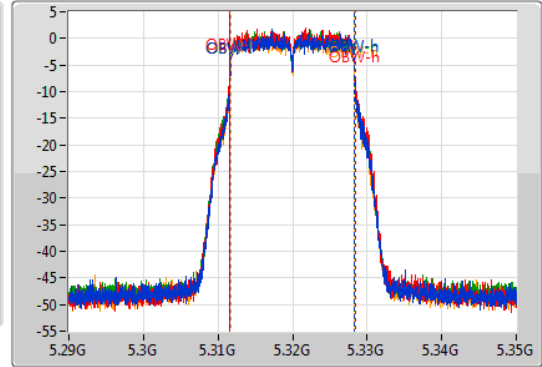
5320MHz

02/12/2019

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



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.3M	5.30935G	5.33065G	16.702M	5.311634G	5.328336G	Inf	1
21.63M	5.30926G	5.33089G	16.732M	5.311634G	5.328366G	Inf	2
21.36M	5.30941G	5.33077G	16.672M	5.311634G	5.328306G	Inf	3
21.48M	5.30929G	5.33077G	16.642M	5.311664G	5.328306G	Inf	4

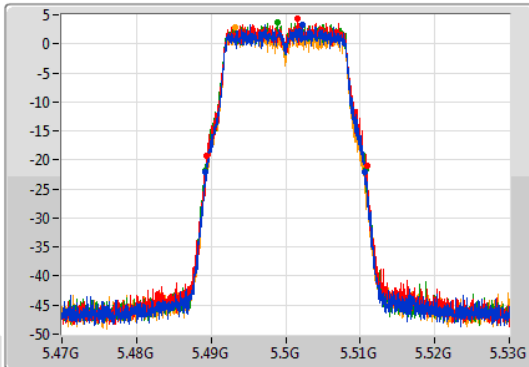
802.11a\_Nss1,(6Mbps)\_4TX

EBW

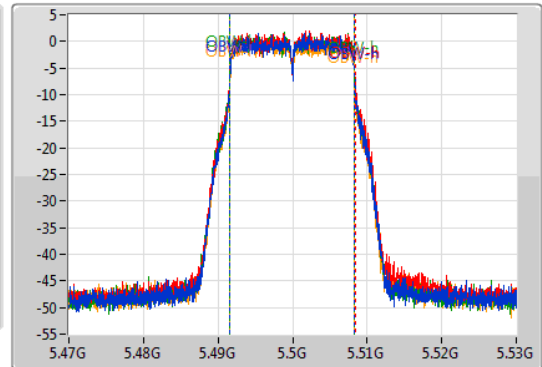
5500MHz

02/12/2019

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



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.48929G	5.51065G	16.702M	5.491634G	5.508336G	Inf	1
21.57M	5.48935G	5.51092G	16.762M	5.491604G	5.508366G	Inf	2
21.54M	5.48926G	5.5108G	16.672M	5.491634G	5.508306G	Inf	3
21.33M	5.48929G	5.51062G	16.672M	5.491634G	5.508306G	Inf	4

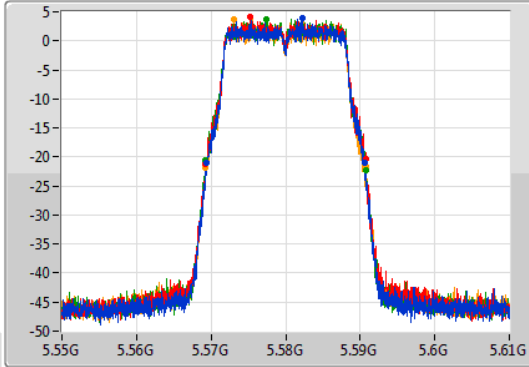
802.11a\_Nss1,(6Mbps)\_4TX

EBW

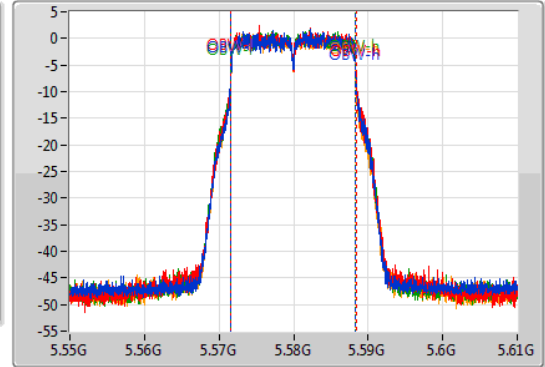
5580MHz

02/12/2019

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



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.21M	5.56938G	5.59059G	16.702M	5.571634G	5.588336G	Inf	1
21.63M	5.56917G	5.5908G	16.762M	5.571604G	5.588366G	Inf	2
21.54M	5.56926G	5.5908G	16.732M	5.571604G	5.588336G	Inf	3
21.48M	5.56926G	5.59074G	16.672M	5.571634G	5.588306G	Inf	4

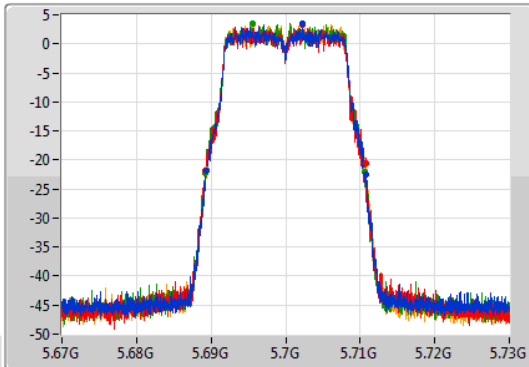
802.11a\_Nss1,(6Mbps)\_4TX

EBW

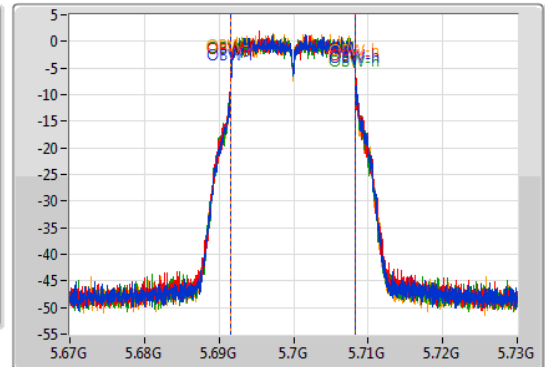
5700MHz

02/12/2019

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



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	16.702M	5.691634G	5.708336G	Inf	1
21.48M	5.68929G	5.71077G	16.732M	5.691604G	5.708366G	Inf	2
21.39M	5.68926G	5.71065G	16.702M	5.691634G	5.708336G	Inf	3
21.3M	5.68938G	5.71068G	16.642M	5.691634G	5.708276G	Inf	4

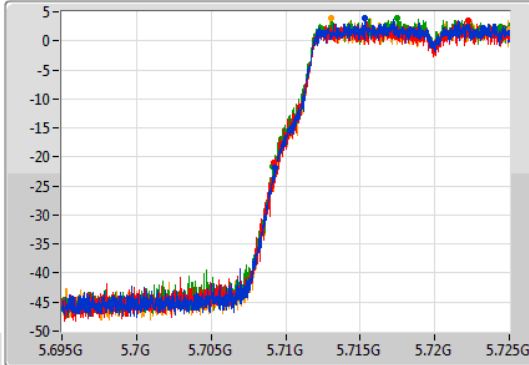
802.11a\_Nss1,(6Mbps)\_4TX

EBW

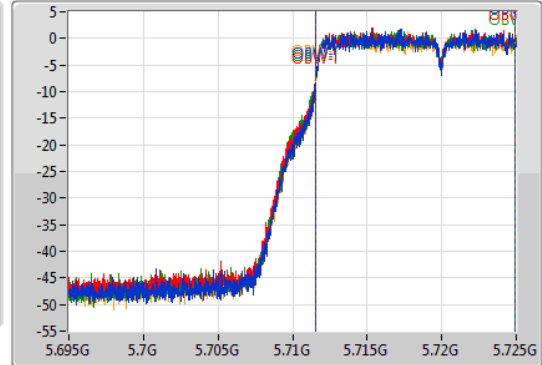
5720MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.71GHz  
Span  
30MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.71GHz  
Span  
30MHz  
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
15.69M	5.70931G	5.725G	13.358M	5.711574G	5.724933G	Inf	1
15.795M	5.709205G	5.725G	13.418M	5.711514G	5.724933G	Inf	2
15.84M	5.70916G	5.725G	13.388M	5.711544G	5.724933G	Inf	3
15.72M	5.70928G	5.725G	13.388M	5.711559G	5.724948G	Inf	4

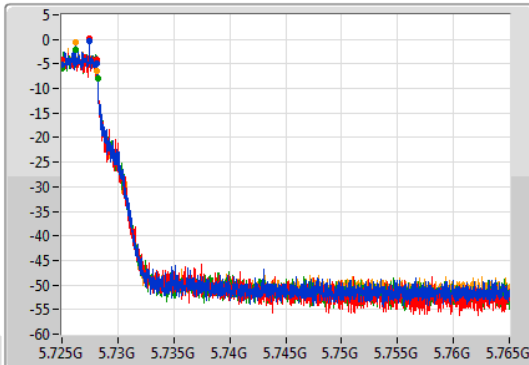
802.11a\_Nss1,(6Mbps)\_4TX

EBW

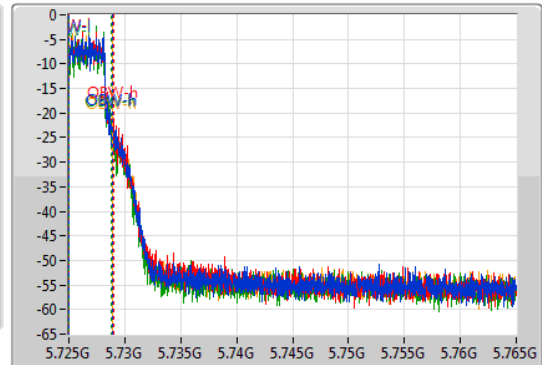
5720MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
3.12M	5.725G	5.72812G	3.938M	5.72501G	5.728948G	500k	1
3.1M	5.725G	5.7281G	3.958M	5.72501G	5.728968G	500k	2
3.22M	5.725G	5.72822G	3.818M	5.72501G	5.728828G	500k	3
3.16M	5.725G	5.72816G	3.878M	5.72501G	5.728888G	500k	4

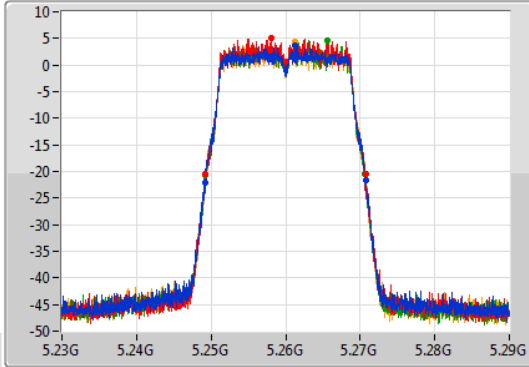
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

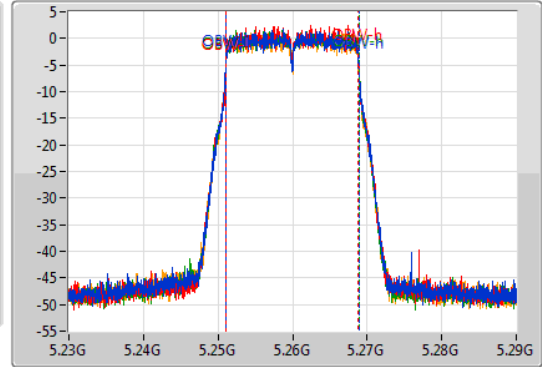
5260MHz

02/12/2019

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



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.2492G	5.2708G	17.871M	5.251034G	5.268906G	Inf	1
21.57M	5.24914G	5.27071G	17.781M	5.251064G	5.268846G	Inf	2
21.39M	5.2492G	5.27059G	17.811M	5.251064G	5.268876G	Inf	3
21.54M	5.2492G	5.27074G	17.841M	5.251064G	5.268906G	Inf	4

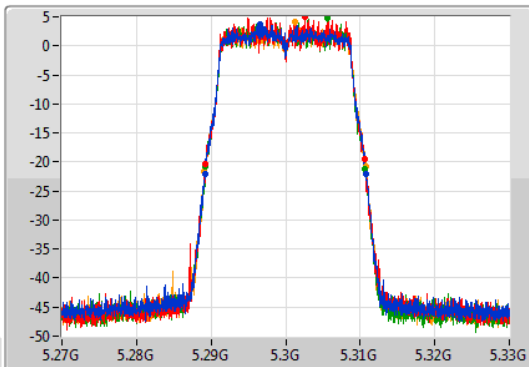
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

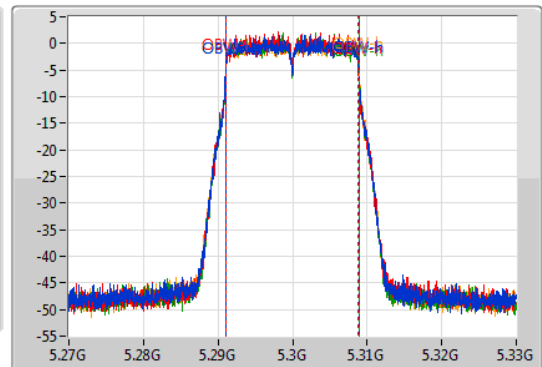
5300MHz

02/12/2019

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



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.28914G	5.31077G	17.841M	5.291034G	5.308876G	Inf	1
21.45M	5.28923G	5.31068G	17.781M	5.291064G	5.308846G	Inf	2
21.45M	5.2892G	5.31065G	17.811M	5.291064G	5.308876G	Inf	3
21.72M	5.28908G	5.3108G	17.841M	5.291064G	5.308906G	Inf	4

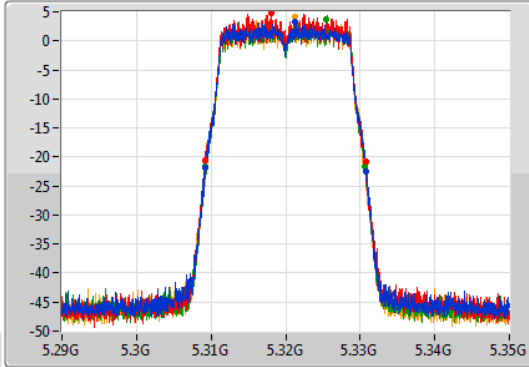
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

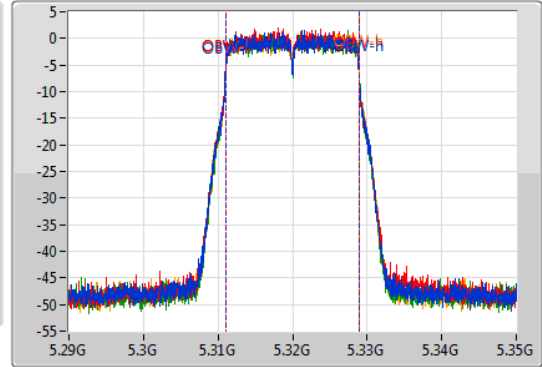
5320MHz

02/12/2019

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



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.69M	5.30914G	5.33083G	17.871M	5.311034G	5.328906G	Inf	1
21.48M	5.30923G	5.33071G	17.811M	5.311064G	5.328876G	Inf	2
21.48M	5.30917G	5.33065G	17.811M	5.311064G	5.328876G	Inf	3
21.63M	5.30917G	5.3308G	17.841M	5.311064G	5.328906G	Inf	4

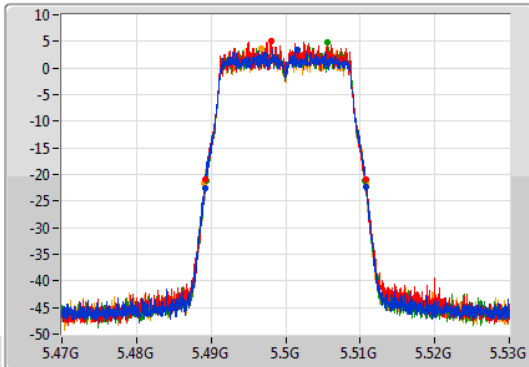
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

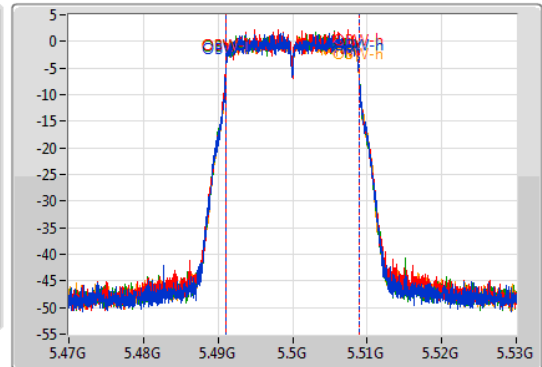
5500MHz

02/12/2019

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



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.69M	5.48917G	5.51086G	17.871M	5.491034G	5.508906G	Inf	1
21.57M	5.48917G	5.51074G	17.841M	5.491034G	5.508876G	Inf	2
21.3M	5.48932G	5.51062G	17.811M	5.491064G	5.508876G	Inf	3
21.75M	5.48908G	5.51083G	17.871M	5.491034G	5.508906G	Inf	4

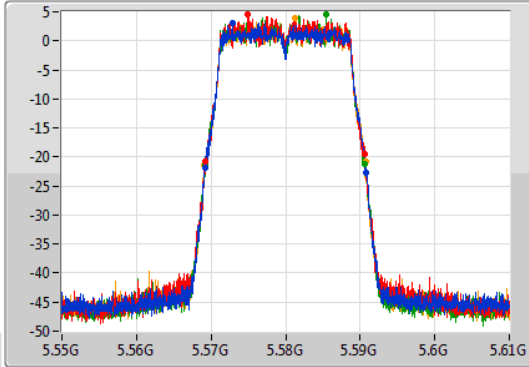
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

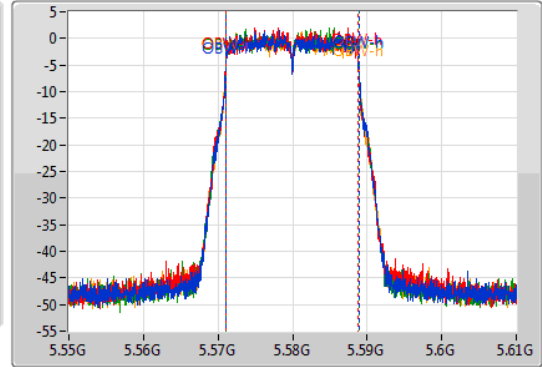
5580MHz

02/12/2019

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



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.72M	5.56914G	5.59086G	17.871M	5.571034G	5.588906G	Inf	1
21.51M	5.56917G	5.59068G	17.811M	5.571034G	5.588846G	Inf	2
21.42M	5.5692G	5.59062G	17.811M	5.571064G	5.588876G	Inf	3
21.63M	5.56911G	5.59074G	17.871M	5.571034G	5.588906G	Inf	4

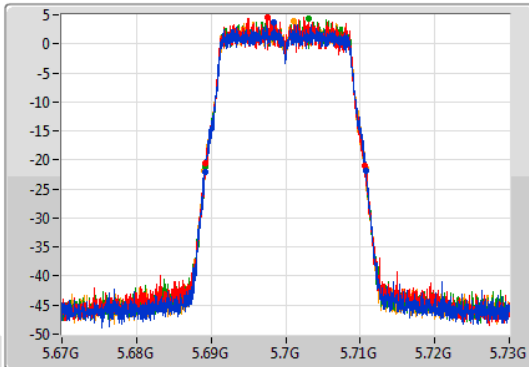
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

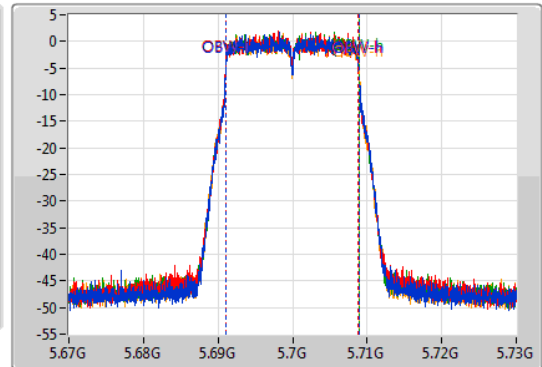
5700MHz

02/12/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

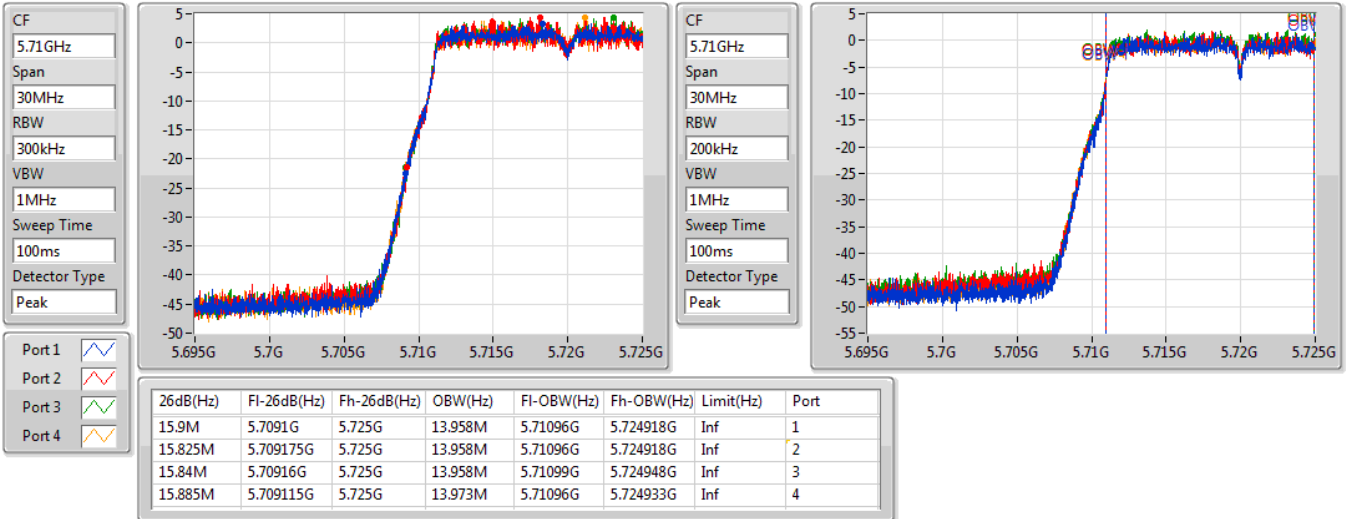
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.68914G	5.71077G	17.871M	5.691034G	5.708906G	Inf	1
21.36M	5.68929G	5.71065G	17.811M	5.691034G	5.708846G	Inf	2
21.45M	5.6892G	5.71065G	17.811M	5.691064G	5.708876G	Inf	3
21.72M	5.68911G	5.71083G	17.871M	5.691034G	5.708906G	Inf	4

802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

02/12/2019

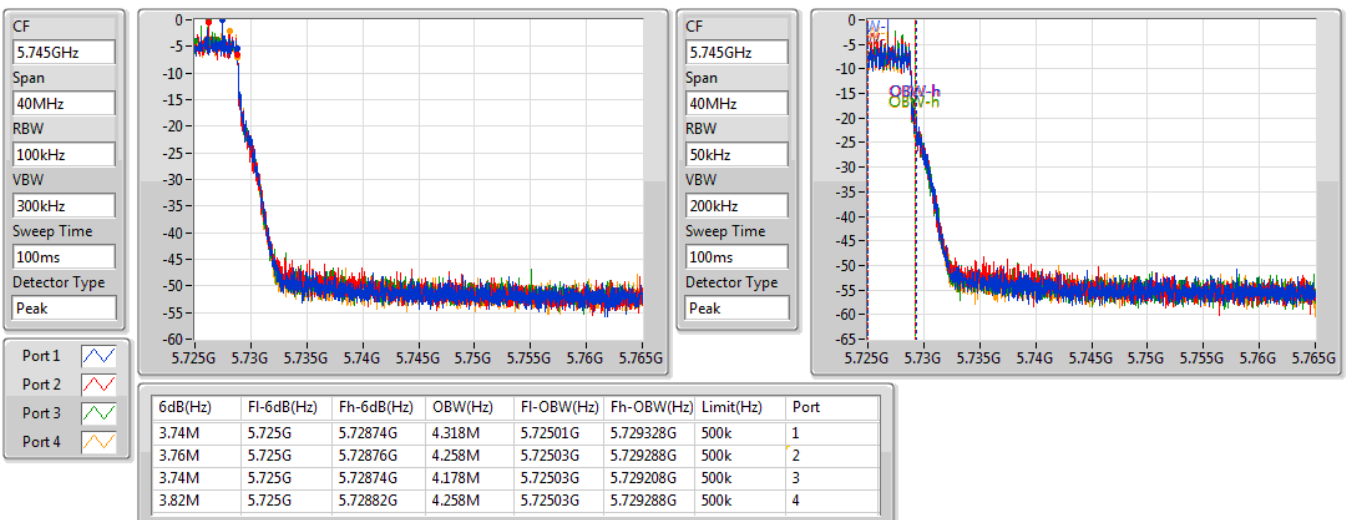


802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

02/12/2019





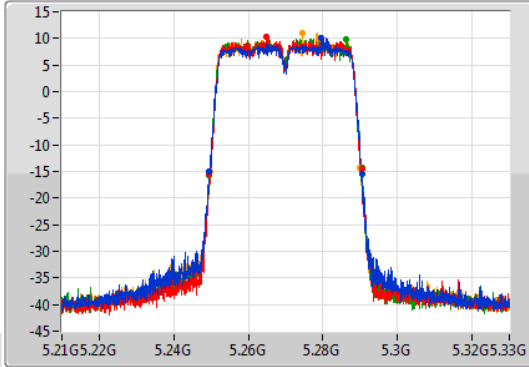
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

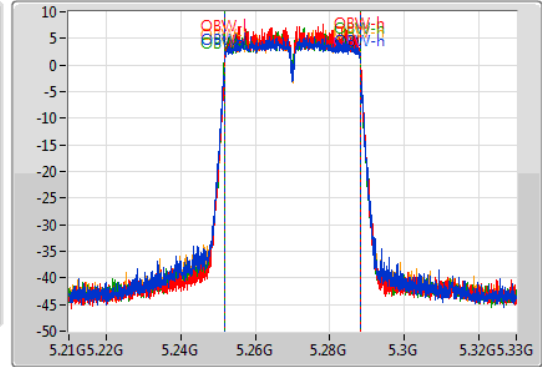
5270MHz

02/12/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.92M	5.24954G	5.29046G	36.402M	5.251769G	5.288171G	Inf	1
40.92M	5.2496G	5.29052G	36.282M	5.251829G	5.288111G	Inf	2
40.92M	5.24948G	5.2904G	36.402M	5.251769G	5.288171G	Inf	3
40.14M	5.2499G	5.29004G	36.282M	5.251829G	5.288111G	Inf	4

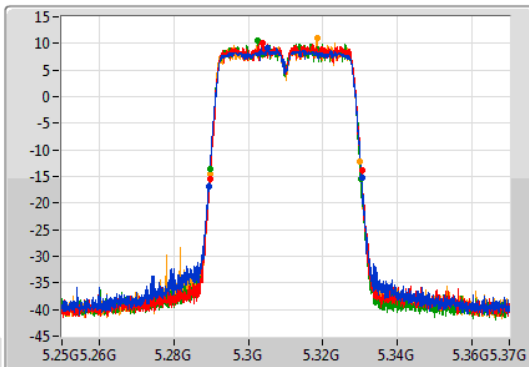
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

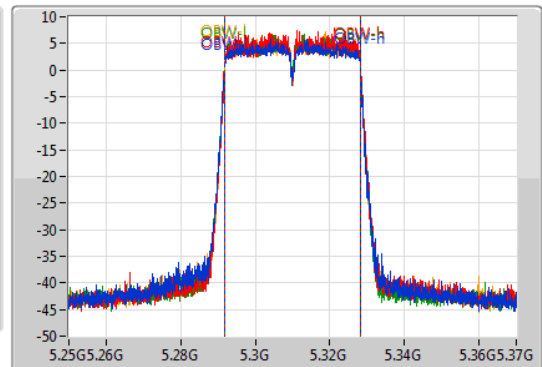
5310MHz

02/12/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
41.04M	5.28936G	5.3304G	36.402M	5.291769G	5.328171G	Inf	1
40.74M	5.28966G	5.3304G	36.342M	5.291829G	5.328171G	Inf	2
40.5M	5.28972G	5.33022G	36.402M	5.291769G	5.328171G	Inf	3
40.14M	5.2899G	5.33004G	36.342M	5.291769G	5.328111G	Inf	4

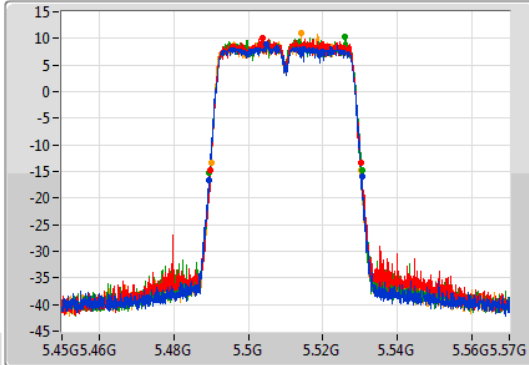
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

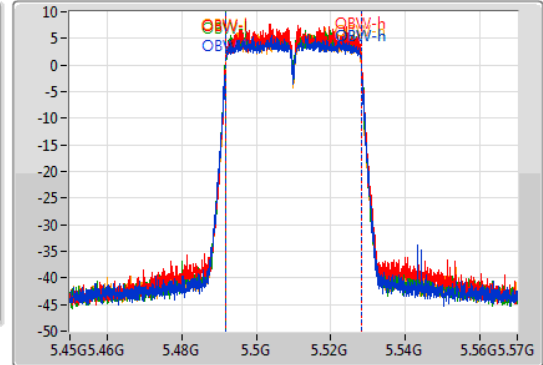
5510MHz

02/12/2019

CF: 5.51GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 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
41.04M	5.48942G	5.53046G	36.402M	5.491769G	5.528171G	Inf	1
40.62M	5.48972G	5.53034G	36.222M	5.491889G	5.528111G	Inf	2
40.92M	5.48954G	5.53046G	36.402M	5.491769G	5.528171G	Inf	3
40.32M	5.48996G	5.53028G	36.282M	5.491829G	5.528111G	Inf	4

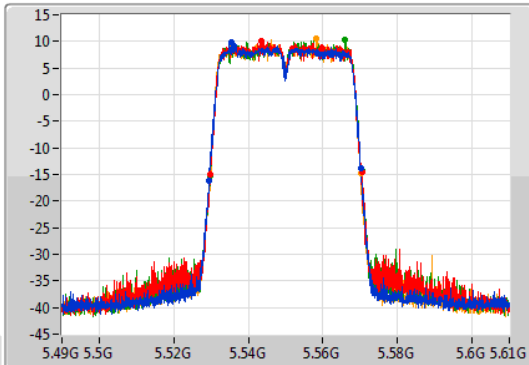
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

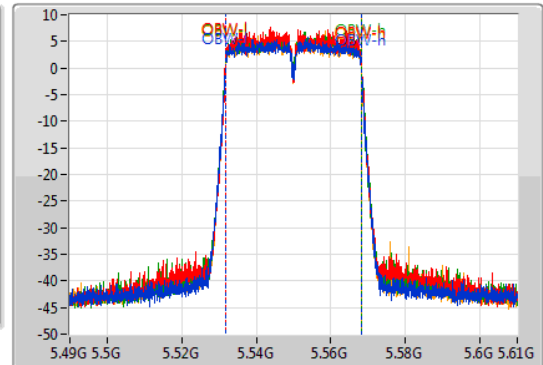
5550MHz

02/12/2019

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



CF: 5.55GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: 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
40.86M	5.52942G	5.57028G	36.402M	5.531769G	5.568171G	Inf	1
40.8M	5.52966G	5.57046G	36.282M	5.531829G	5.568111G	Inf	2
40.68M	5.52972G	5.5704G	36.402M	5.531769G	5.568171G	Inf	3
40.56M	5.52972G	5.57028G	36.342M	5.531769G	5.568111G	Inf	4

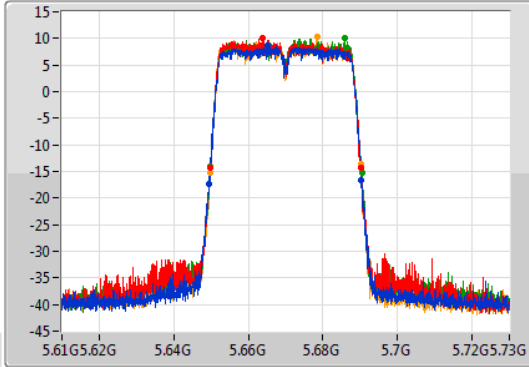
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

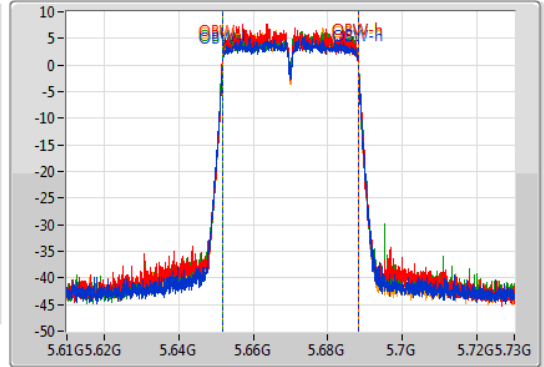
5670MHz

02/12/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.98M	5.64936G	5.69034G	36.402M	5.651769G	5.688171G	Inf	1
40.68M	5.64966G	5.69034G	36.342M	5.651769G	5.688111G	Inf	2
40.8M	5.64966G	5.69046G	36.402M	5.651769G	5.688171G	Inf	3
40.38M	5.64978G	5.69016G	36.342M	5.651769G	5.688111G	Inf	4

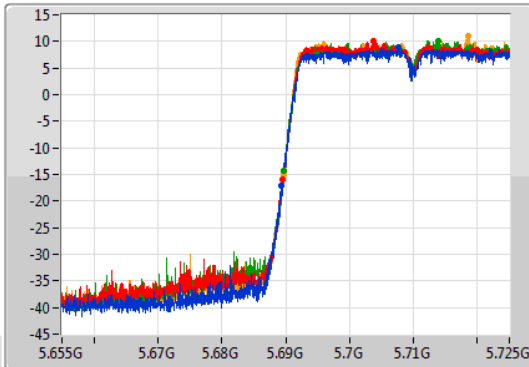
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

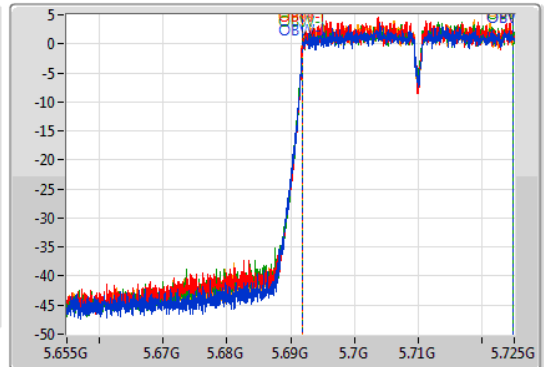
5710MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
300kHz  
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
35.665M	5.689335G	5.725G	33.023M	5.691819G	5.724843G	Inf	1
35.42M	5.68958G	5.725G	32.954M	5.691854G	5.724808G	Inf	2
35.35M	5.68965G	5.725G	32.989M	5.691819G	5.724808G	Inf	3
35.28M	5.68972G	5.725G	32.989M	5.691819G	5.724808G	Inf	4

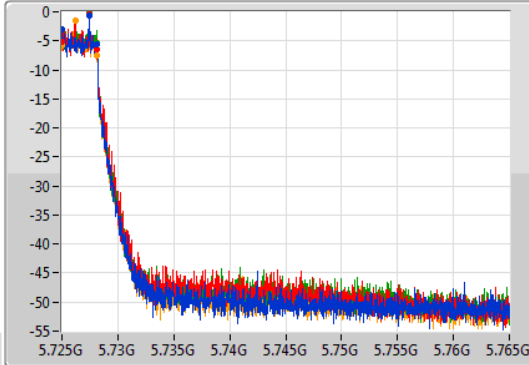
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

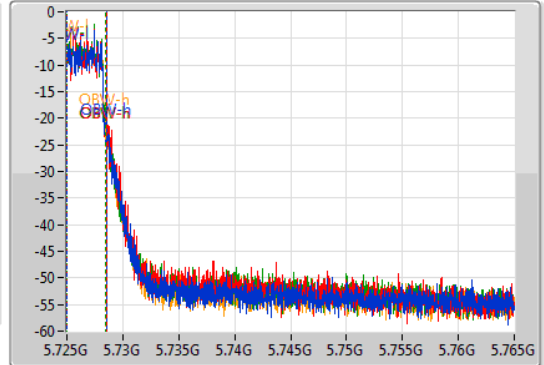
5710MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
3.1M	5.725G	5.7281G	3.518M	5.72501G	5.728528G	500k	1
3.12M	5.725G	5.72812G	3.518M	5.72503G	5.728548G	500k	2
3.12M	5.725G	5.72812G	3.498M	5.72501G	5.728508G	500k	3
3.14M	5.725G	5.72814G	3.458M	5.72501G	5.728468G	500k	4

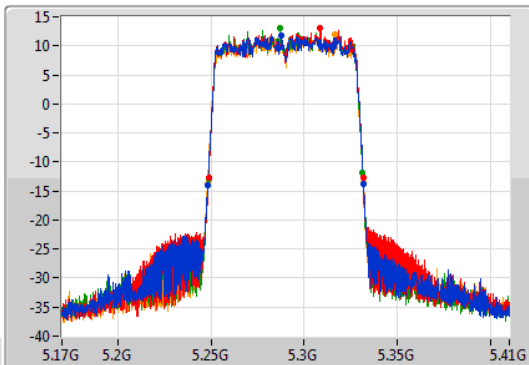
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

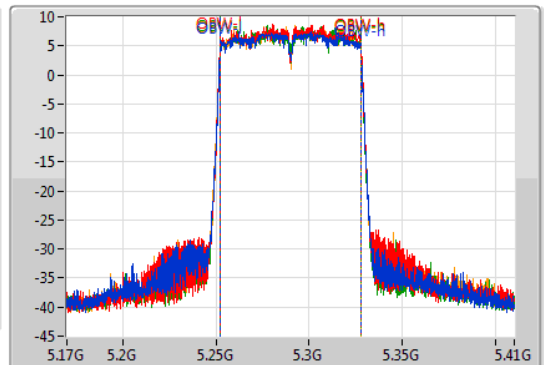
5290MHz

02/12/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.64M	5.24824G	5.33188G	75.802M	5.252099G	5.327901G	Inf	1
82.8M	5.24872G	5.33152G	75.682M	5.252219G	5.327901G	Inf	2
82.8M	5.2486G	5.3314G	75.682M	5.252099G	5.327781G	Inf	3
83.4M	5.24824G	5.33164G	75.682M	5.252219G	5.327901G	Inf	4

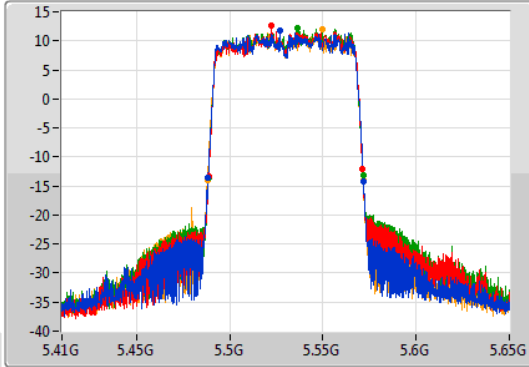
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

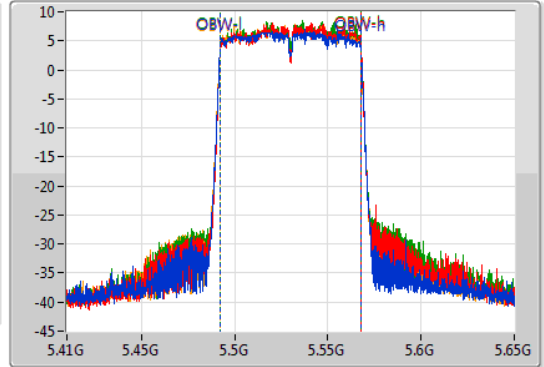
5530MHz

02/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.4M	5.48836G	5.57176G	75.682M	5.492099G	5.567781G	Inf	1
82.68M	5.48872G	5.5714G	75.682M	5.492219G	5.567901G	Inf	2
83.04M	5.4886G	5.57164G	75.682M	5.492219G	5.567901G	Inf	3
83.52M	5.48812G	5.57164G	75.682M	5.492099G	5.567781G	Inf	4

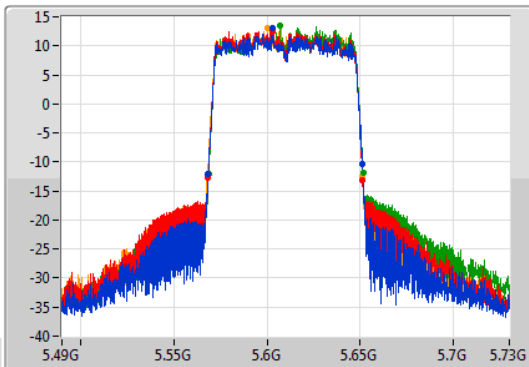
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

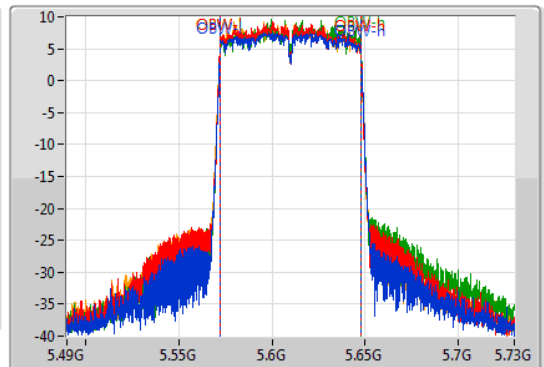
5610MHz

02/12/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

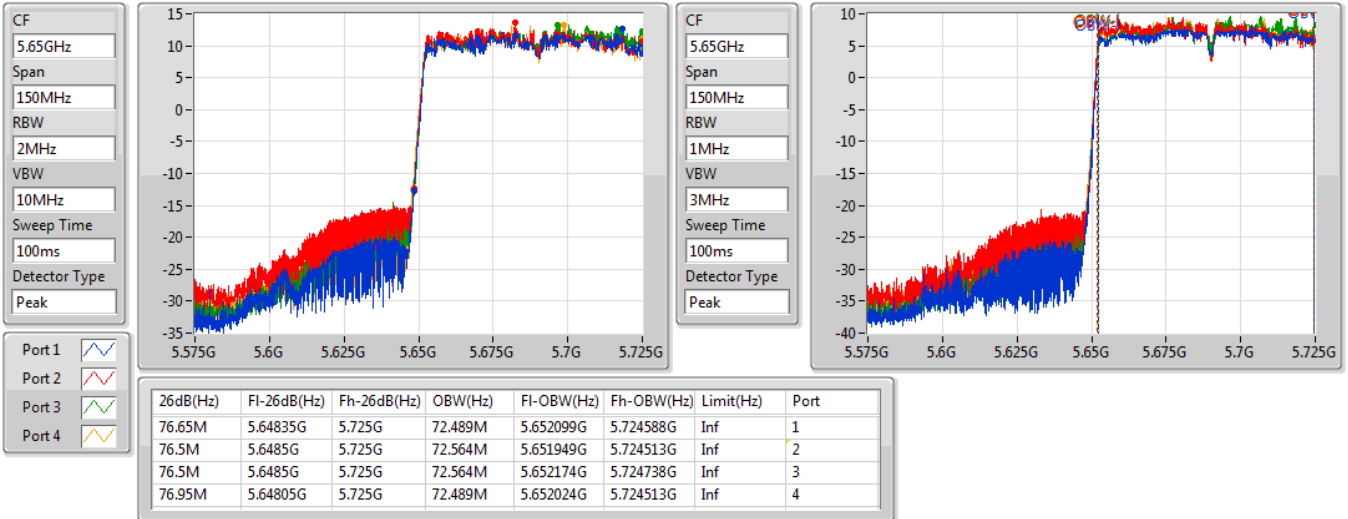
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.56848G	5.65128G	75.682M	5.572099G	5.647781G	Inf	1
82.92M	5.56836G	5.65128G	75.682M	5.572099G	5.647781G	Inf	2
82.92M	5.5686G	5.65152G	75.562M	5.572219G	5.647781G	Inf	3
83.28M	5.56812G	5.6514G	75.562M	5.572099G	5.647661G	Inf	4

802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/12/2019

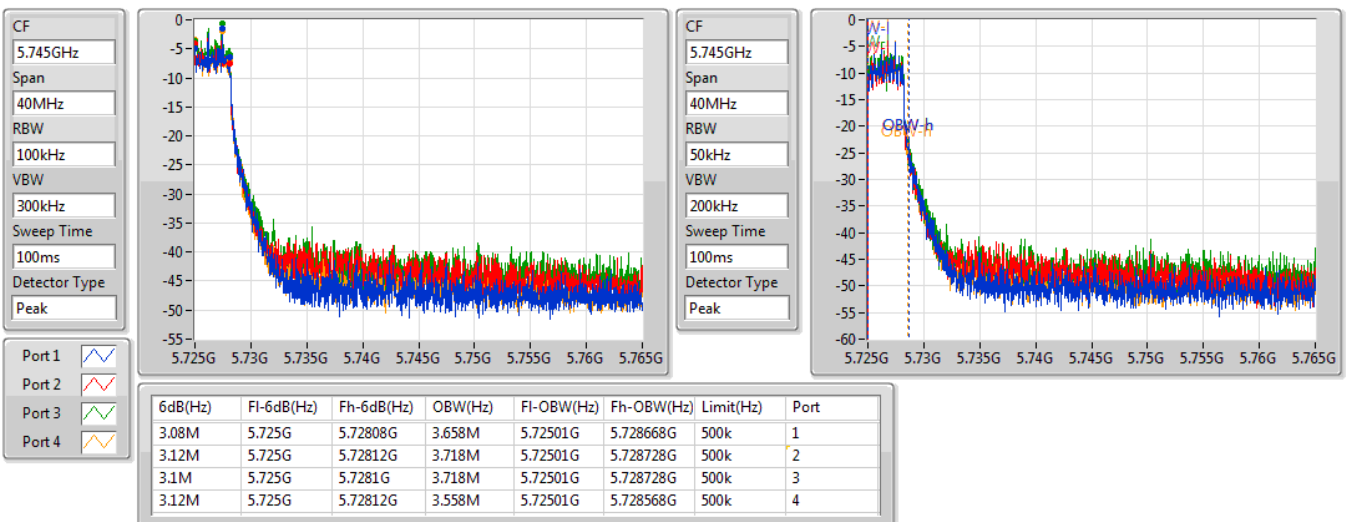


802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/12/2019

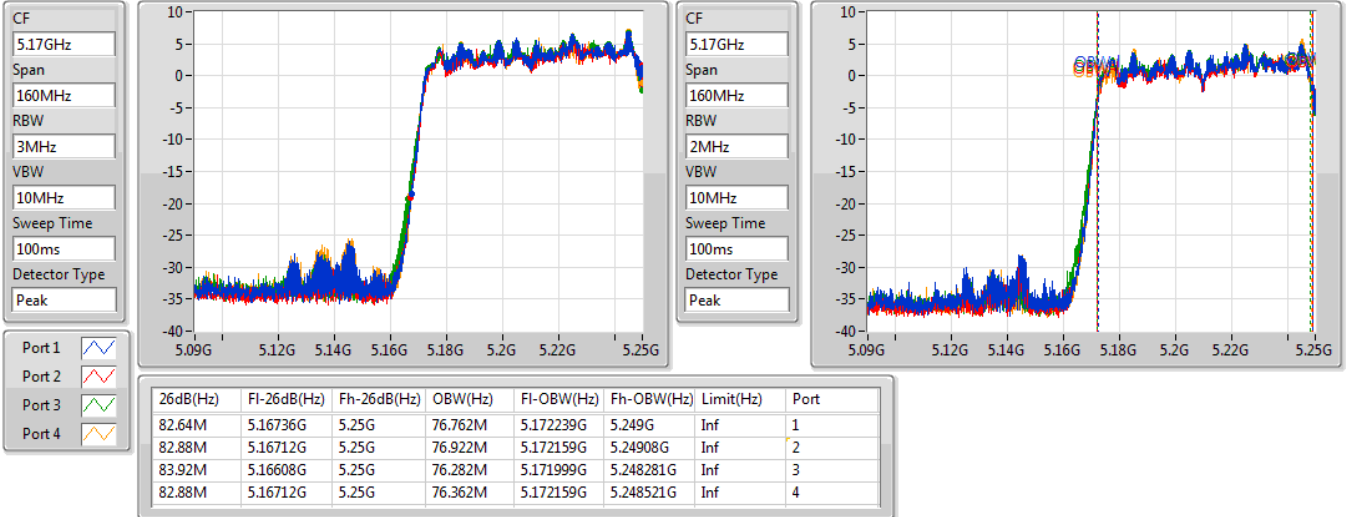


802.11ac VHT160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

02/12/2019

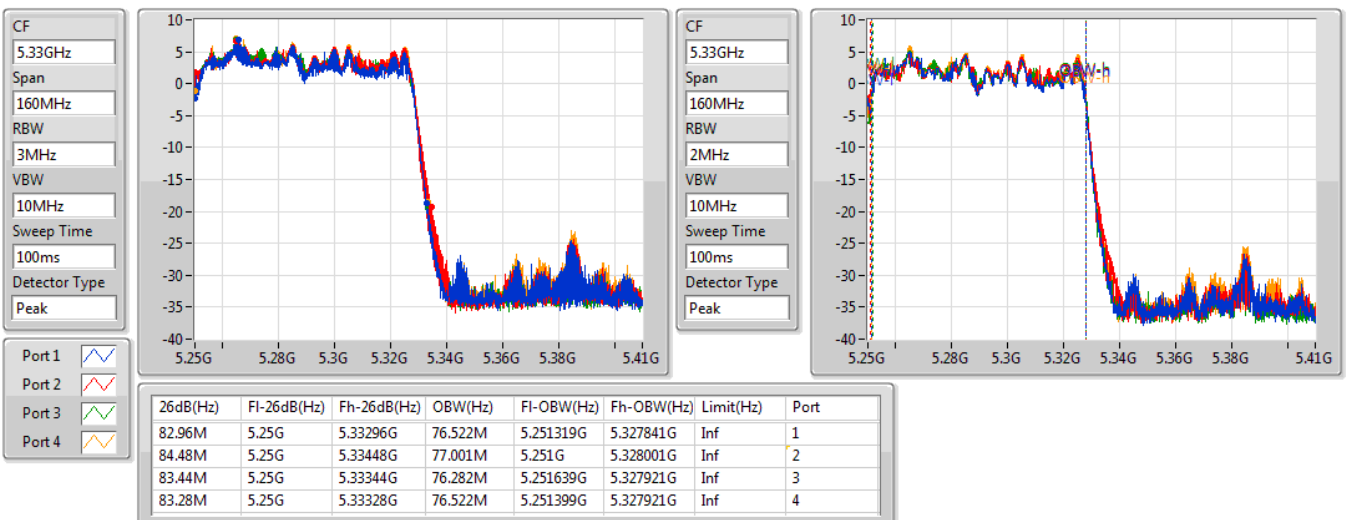


802.11ac VHT160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019



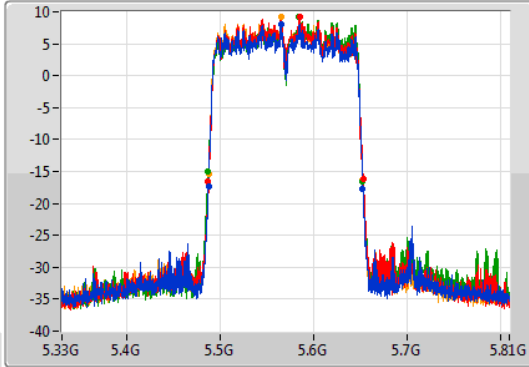
802.11ac VHT160\_Nss1,(MCS0)\_4TX

EBW

5570MHz

02/12/2019

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



CF  
5.57GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
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	5.4872G	5.6528G	154.243M	5.492759G	5.647001G	Inf	1
166.32M	5.48696G	5.65328G	153.763M	5.492999G	5.646762G	Inf	2
165.84M	5.48696G	5.6528G	154.243M	5.492999G	5.647241G	Inf	3
165.36M	5.48744G	5.6528G	154.003M	5.492759G	5.646762G	Inf	4

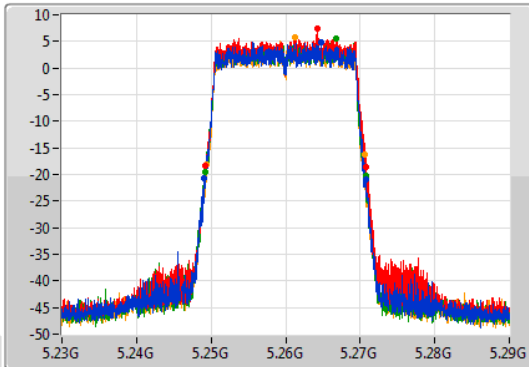
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

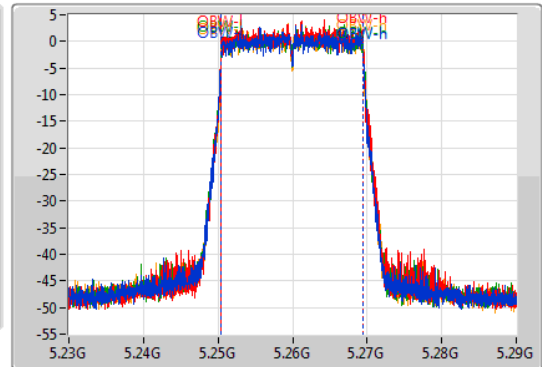
5260MHz

02/12/2019

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



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.72M	5.24908G	5.2708G	19.01M	5.250465G	5.269475G	Inf	1
21.57M	5.24926G	5.27083G	19.01M	5.250465G	5.269475G	Inf	2
21.69M	5.24917G	5.27086G	19.01M	5.250465G	5.269475G	Inf	3
21.33M	5.24932G	5.27065G	19.01M	5.250465G	5.269475G	Inf	4



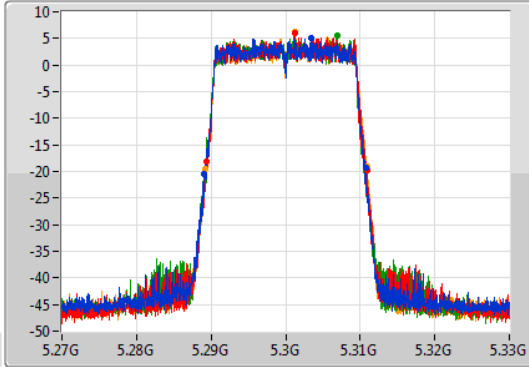
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

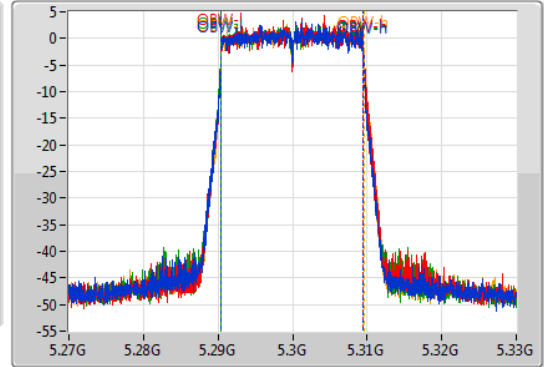
5300MHz

02/12/2019

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



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.28911G	5.31071G	19.04M	5.290435G	5.309475G	Inf	1
21.6M	5.28932G	5.31092G	19.01M	5.290465G	5.309475G	Inf	2
21.75M	5.28908G	5.31083G	19.01M	5.290465G	5.309475G	Inf	3
21.72M	5.28917G	5.31089G	19.07M	5.290465G	5.309535G	Inf	4

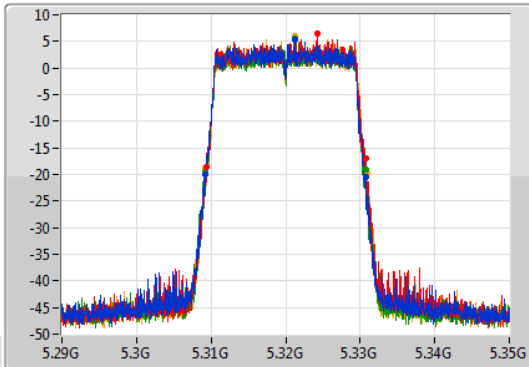
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

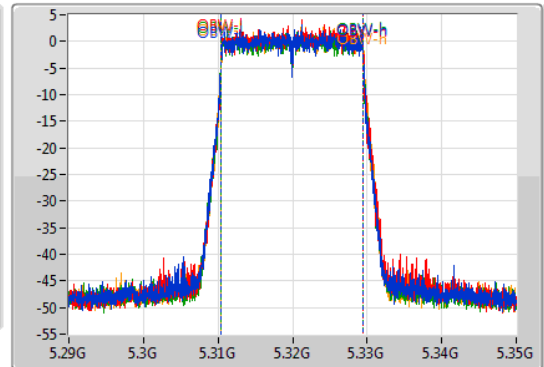
5320MHz

02/12/2019

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



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.30917G	5.33077G	19.04M	5.310435G	5.329475G	Inf	1
21.39M	5.30935G	5.33074G	19.01M	5.310465G	5.329475G	Inf	2
21.54M	5.30917G	5.33071G	19.01M	5.310465G	5.329475G	Inf	3
21.63M	5.30926G	5.33089G	19.04M	5.310465G	5.329505G	Inf	4

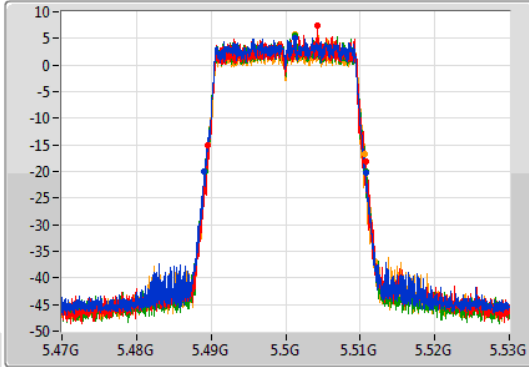
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

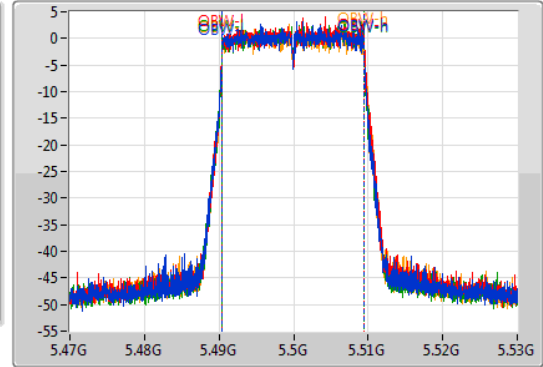
5500MHz

02/12/2019

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



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.66M	5.48911G	5.51077G	19.01M	5.490435G	5.509445G	Inf	1
21.27M	5.48953G	5.5108G	19.01M	5.490465G	5.509475G	Inf	2
21.66M	5.48914G	5.5108G	19.01M	5.490465G	5.509475G	Inf	3
21.48M	5.4892G	5.51068G	19.01M	5.490465G	5.509475G	Inf	4

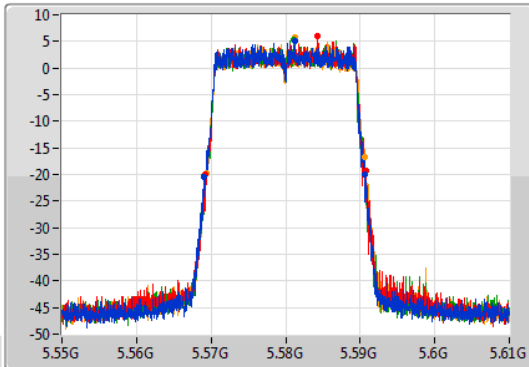
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

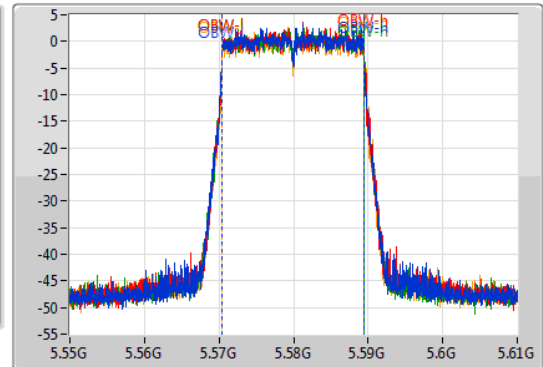
5580MHz

02/12/2019

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

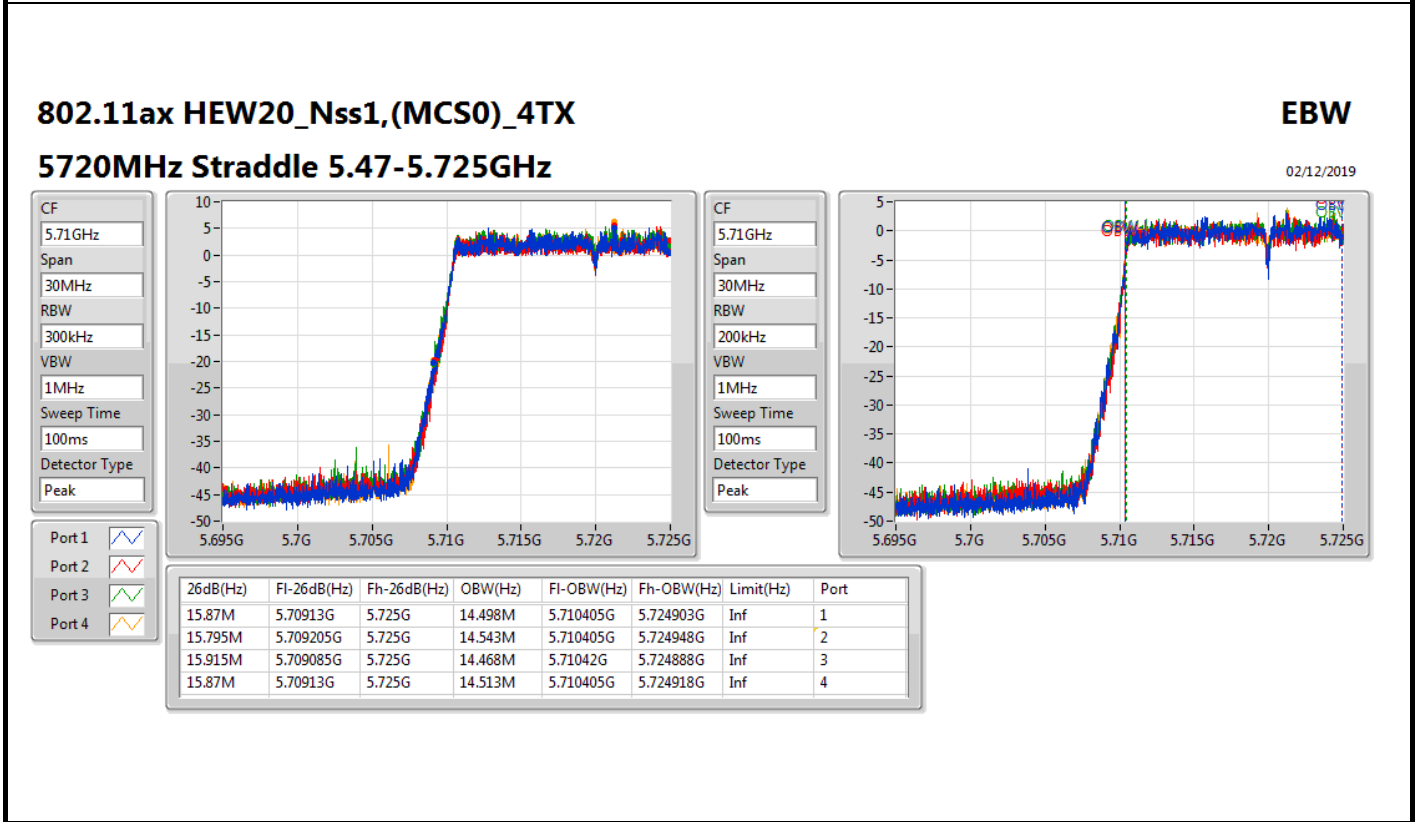
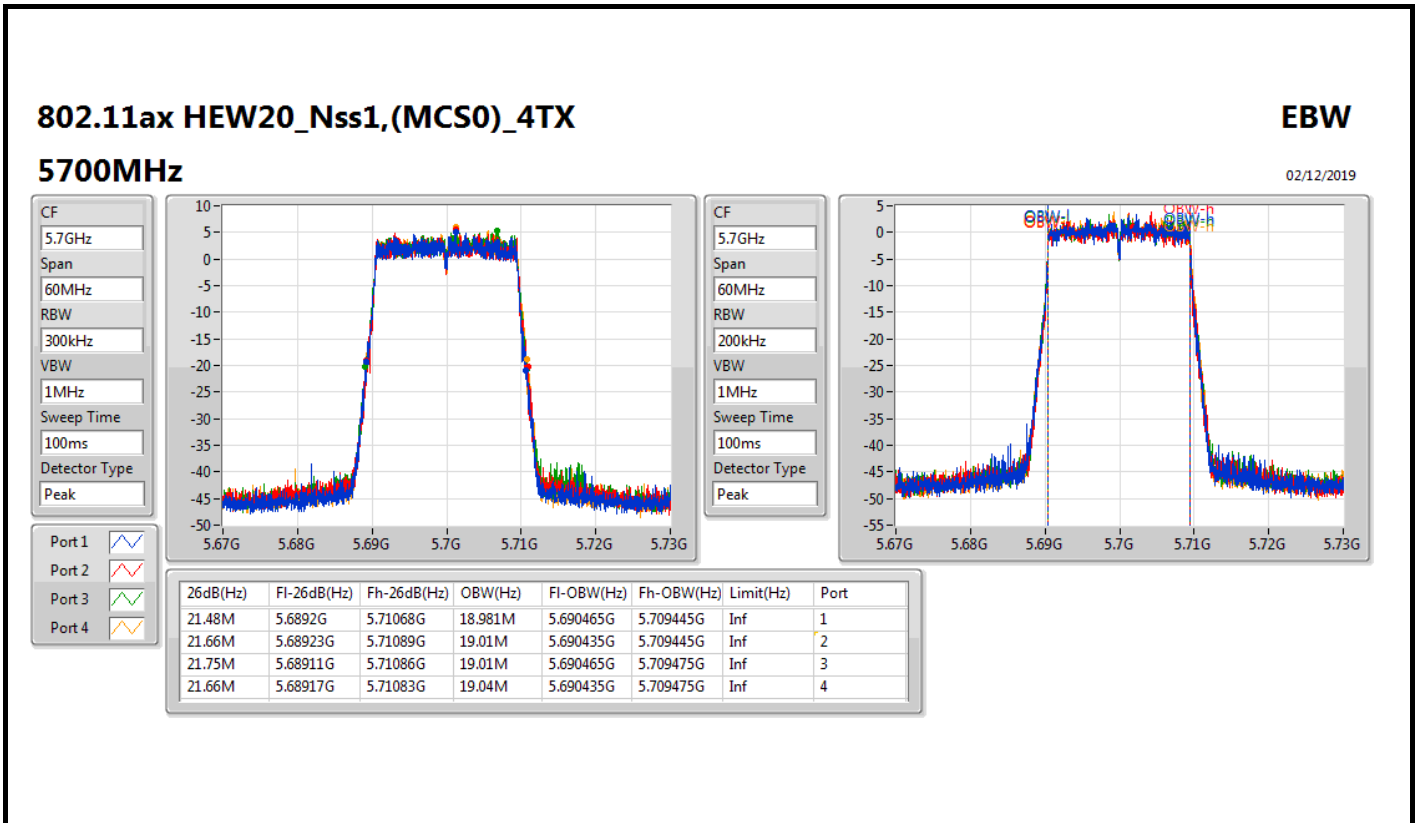


CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



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	5.56911G	5.59065G	19.01M	5.570435G	5.589445G	Inf	1
21.69M	5.56917G	5.59086G	19.01M	5.570465G	5.589475G	Inf	2
21.72M	5.56911G	5.59083G	19.01M	5.570465G	5.589475G	Inf	3
21.36M	5.56932G	5.59068G	19.01M	5.570465G	5.589475G	Inf	4

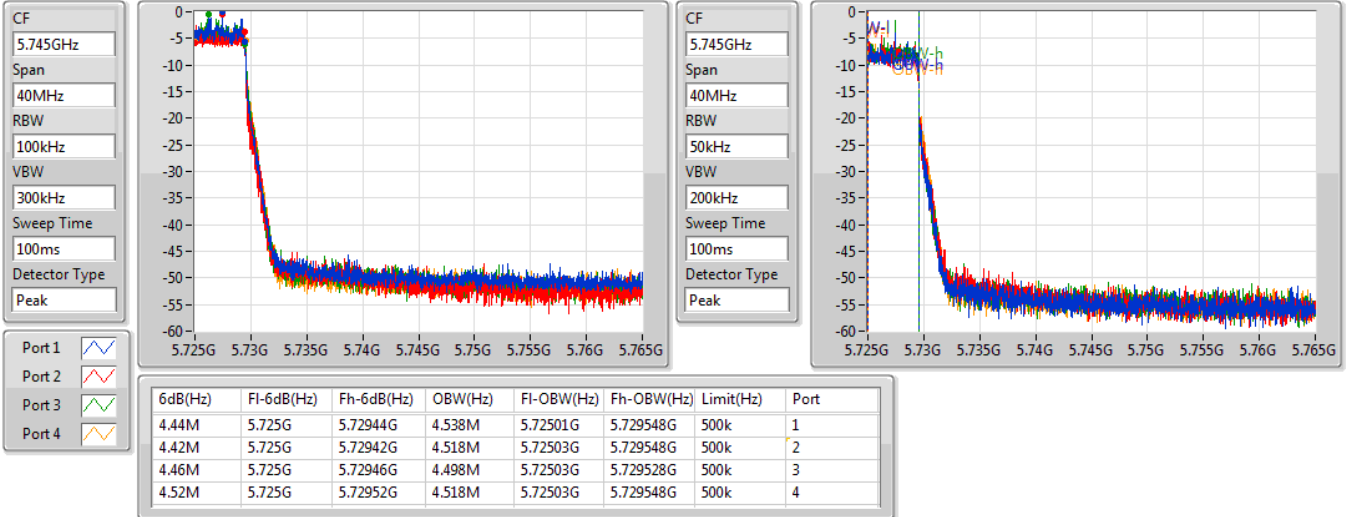


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

02/12/2019

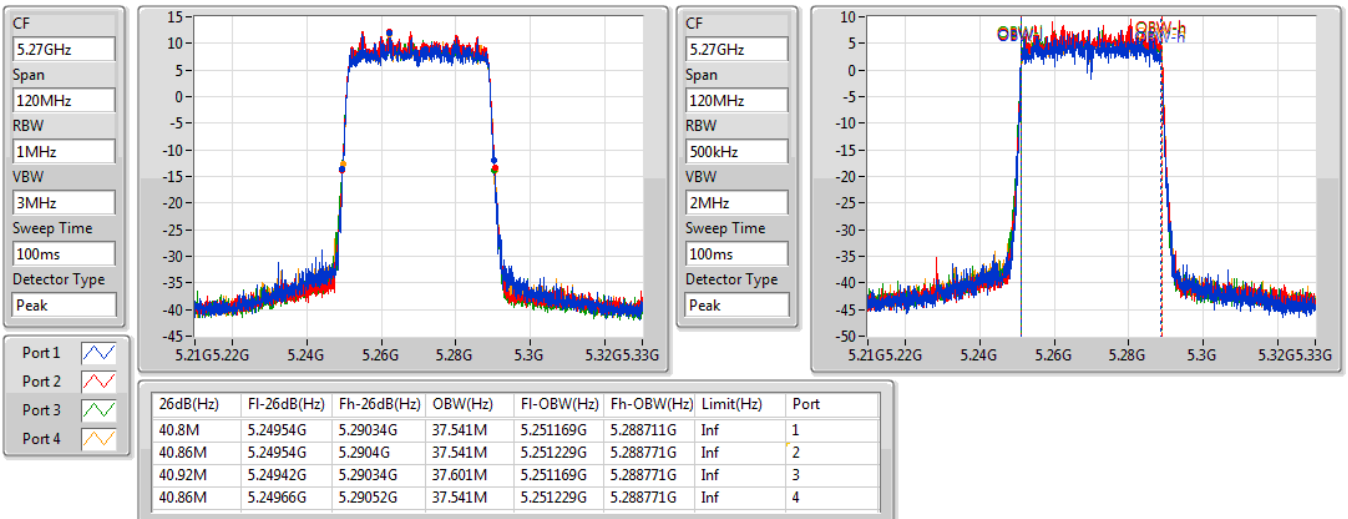


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5270MHz

02/12/2019



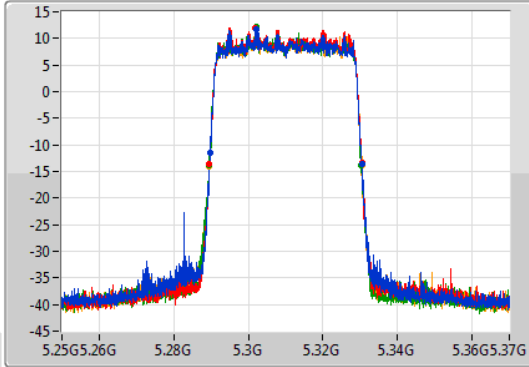
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

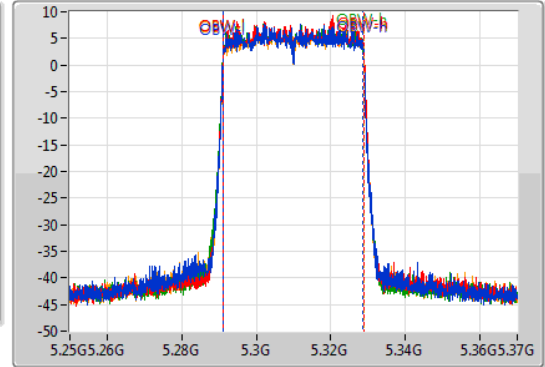
5310MHz

02/12/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.8M	5.28966G	5.33046G	37.481M	5.291229G	5.328711G	Inf	1
40.86M	5.2896G	5.33046G	37.541M	5.291229G	5.328771G	Inf	2
40.86M	5.28942G	5.33028G	37.481M	5.291229G	5.328711G	Inf	3
40.98M	5.28954G	5.33052G	37.541M	5.291229G	5.328771G	Inf	4

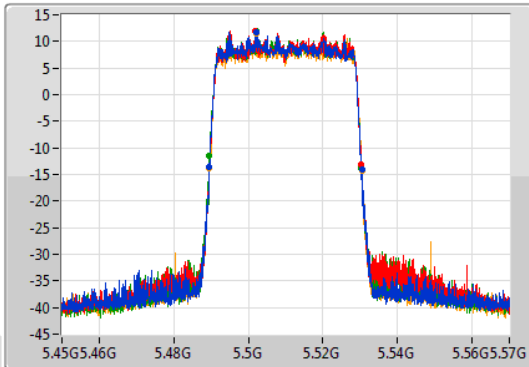
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

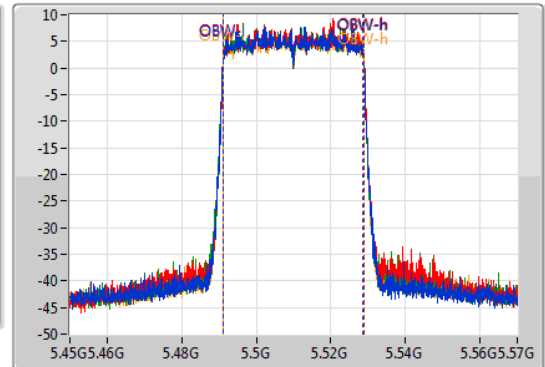
5510MHz

02/12/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.98M	5.48948G	5.53046G	37.481M	5.491229G	5.528711G	Inf	1
40.74M	5.4896G	5.53034G	37.541M	5.491229G	5.528771G	Inf	2
40.74M	5.4896G	5.53034G	37.541M	5.491229G	5.528771G	Inf	3
40.86M	5.4896G	5.53046G	37.541M	5.491229G	5.528771G	Inf	4

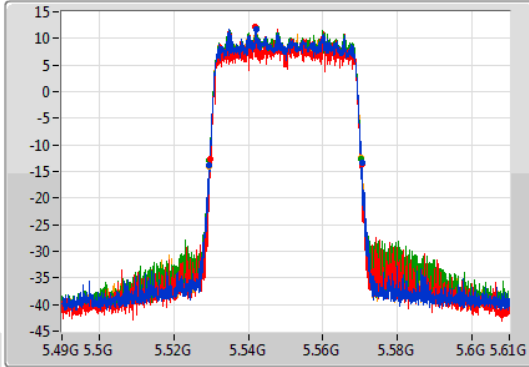
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

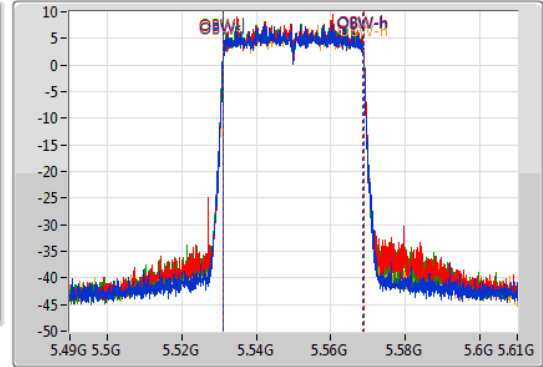
5550MHz

02/12/2019

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



CF: 5.55GHz  
 Span: 120MHz  
 RBW: 500kHz  
 VBW: 2MHz  
 Sweep Time: 100ms  
 Detector Type: 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
40.98M	5.52942G	5.5704G	37.541M	5.531169G	5.568711G	Inf	1
40.74M	5.52966G	5.5704G	37.541M	5.531229G	5.568771G	Inf	2
40.8M	5.52948G	5.57028G	37.601M	5.531169G	5.568771G	Inf	3
40.8M	5.52954G	5.57034G	37.601M	5.531169G	5.568771G	Inf	4

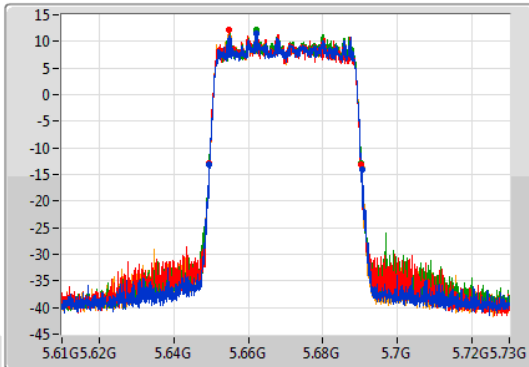
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

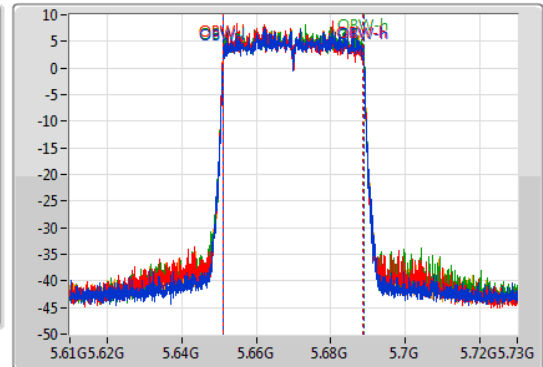
5670MHz

02/12/2019

CF: 5.67GHz  
 Span: 120MHz  
 RBW: 1MHz  
 VBW: 3MHz  
 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]

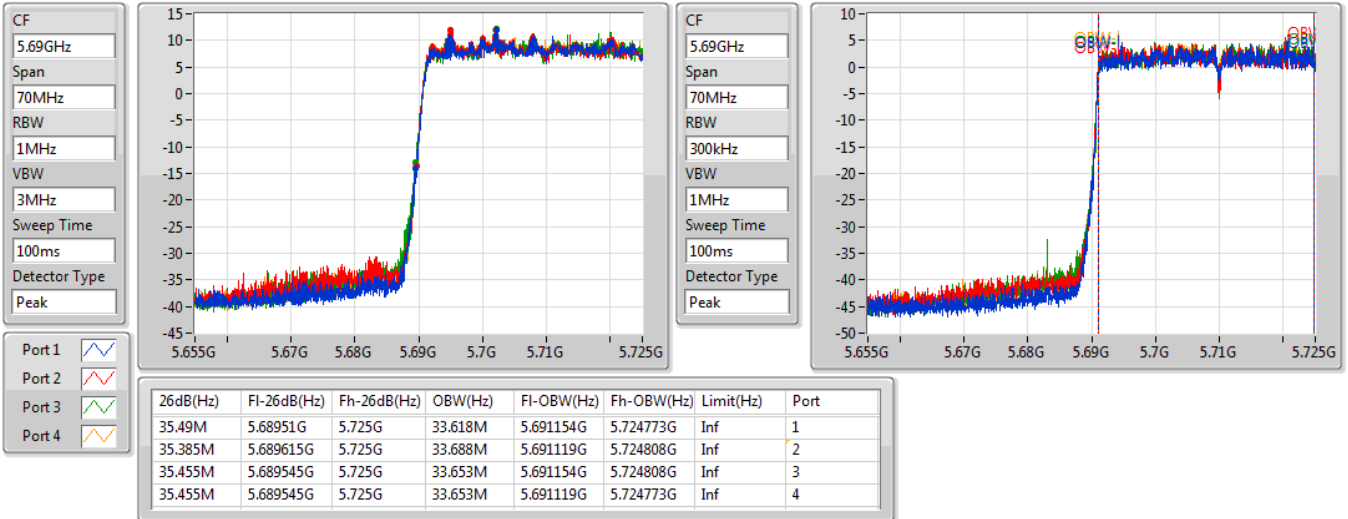
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.64954G	5.69046G	37.541M	5.651229G	5.688771G	Inf	1
40.74M	5.6496G	5.69034G	37.601M	5.651109G	5.688711G	Inf	2
40.86M	5.64948G	5.69034G	37.601M	5.651169G	5.688771G	Inf	3
40.86M	5.64954G	5.6904G	37.601M	5.651169G	5.688771G	Inf	4

802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/12/2019

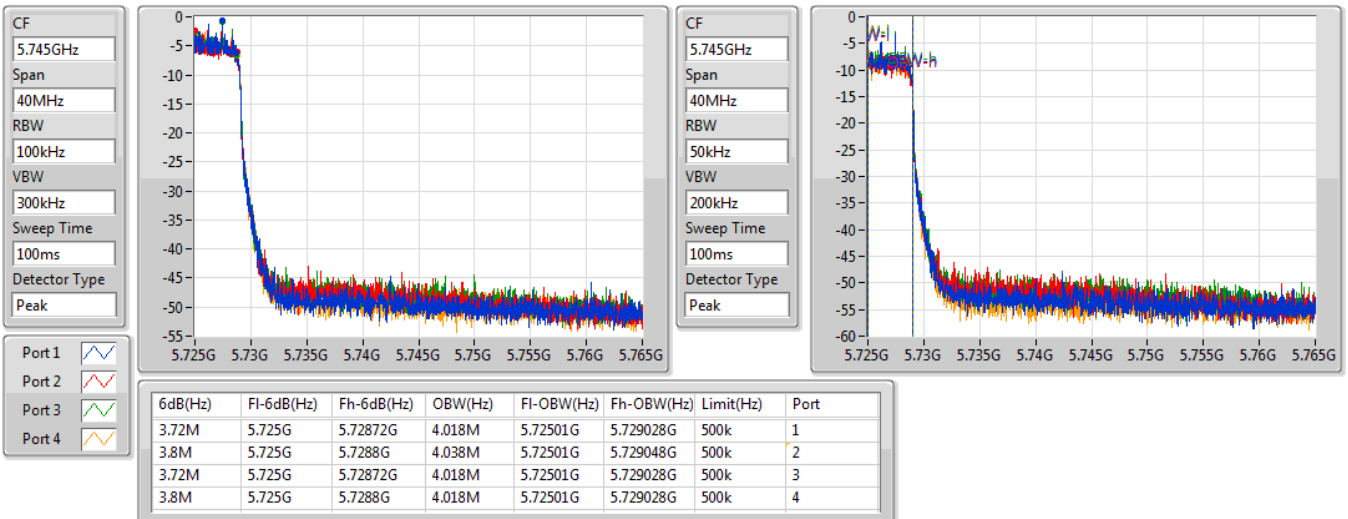


802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/12/2019



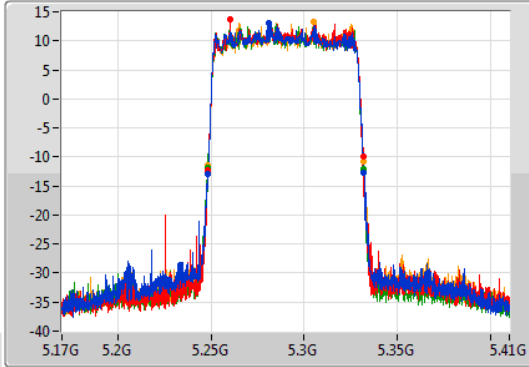
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

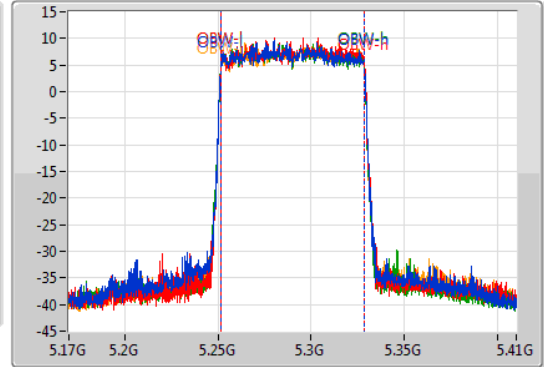
5290MHz

02/12/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.76M	5.24824G	5.332G	77.001M	5.251499G	5.328501G	Inf	1
83.04M	5.24848G	5.33152G	77.121M	5.251499G	5.328621G	Inf	2
83.52M	5.24812G	5.33164G	77.001M	5.251499G	5.328501G	Inf	3
83.16M	5.24848G	5.33164G	77.001M	5.251499G	5.328501G	Inf	4

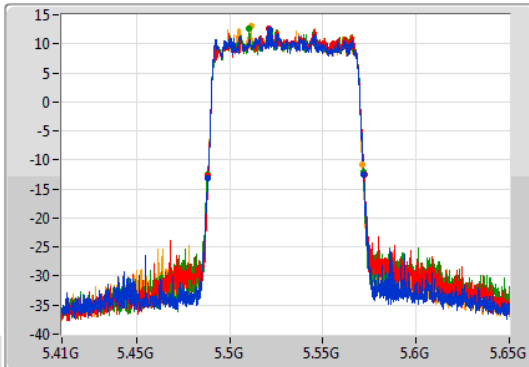
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

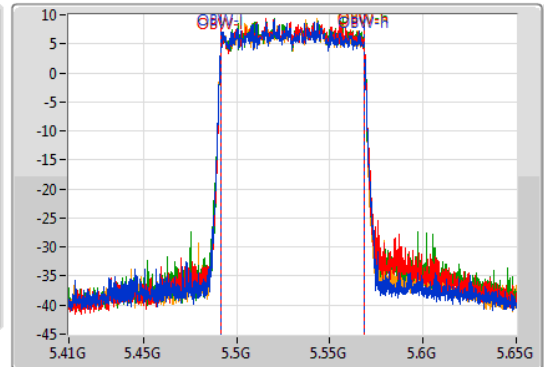
5530MHz

02/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.76M	5.48824G	5.572G	77.001M	5.491499G	5.568501G	Inf	1
83.76M	5.48836G	5.57212G	77.121M	5.491499G	5.568621G	Inf	2
83.52M	5.48812G	5.57164G	77.001M	5.491499G	5.568501G	Inf	3
83.16M	5.48824G	5.5714G	77.001M	5.491499G	5.568501G	Inf	4



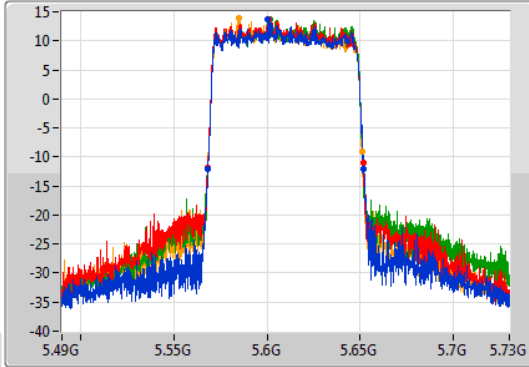
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

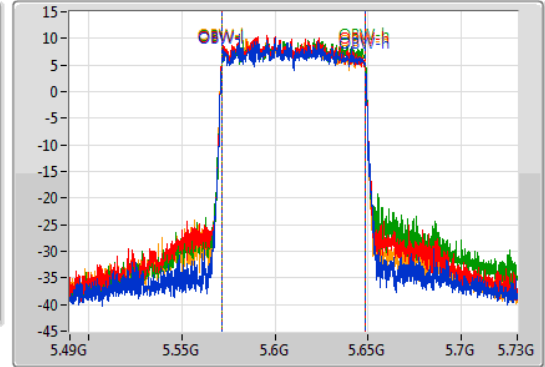
5610MHz

02/12/2019

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



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
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
83.64M	5.56824G	5.65188G	77.121M	5.571379G	5.648501G	Inf	1
83.76M	5.56812G	5.65188G	77.001M	5.571379G	5.648381G	Inf	2
83.88M	5.568G	5.65188G	77.121M	5.571499G	5.648621G	Inf	3
83.16M	5.56812G	5.65128G	77.001M	5.571379G	5.648381G	Inf	4

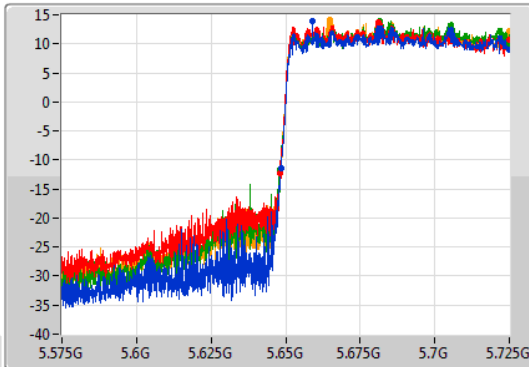
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

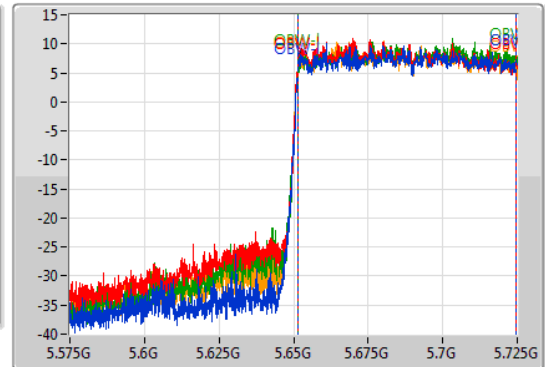
5690MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.65GHz  
Span  
150MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
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
76.65M	5.64835G	5.725G	73.163M	5.651424G	5.724588G	Inf	1
76.95M	5.64805G	5.725G	73.163M	5.651274G	5.724438G	Inf	2
76.95M	5.64805G	5.725G	73.163M	5.651424G	5.724588G	Inf	3
76.95M	5.64805G	5.725G	73.238M	5.651349G	5.724588G	Inf	4

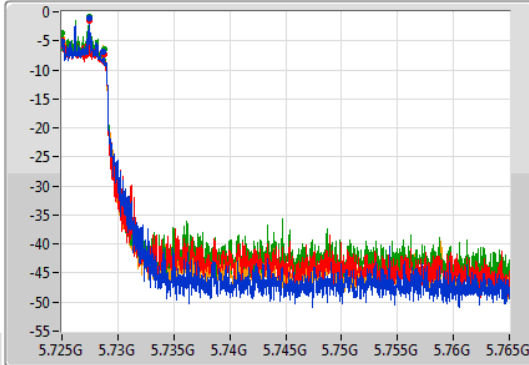
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

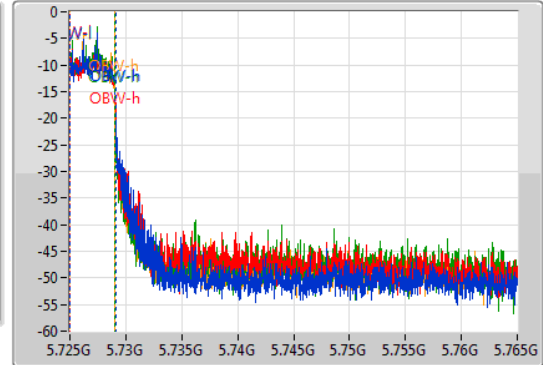
5690MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
3.72M	5.725G	5.72872G	4.058M	5.72501G	5.729068G	500k	1
3.78M	5.725G	5.72878G	4.058M	5.72503G	5.729088G	500k	2
3.82M	5.725G	5.72882G	4.038M	5.72501G	5.729048G	500k	3
3.74M	5.725G	5.72874G	4.038M	5.72501G	5.729048G	500k	4

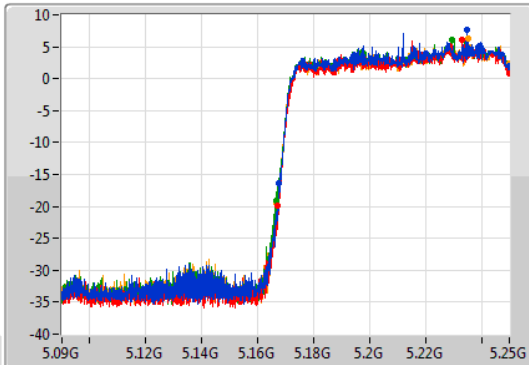
802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

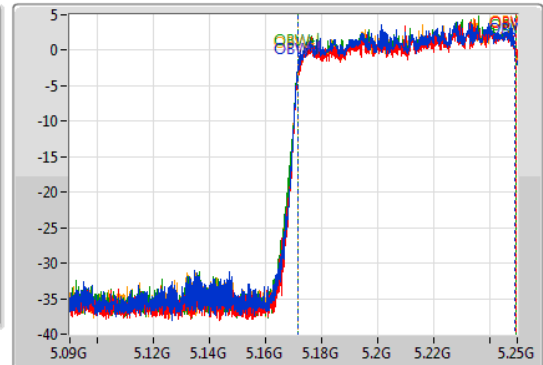
5250MHz Straddle 5.15-5.25GHz

02/12/2019

CF  
5.17GHz  
Span  
160MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.17GHz  
Span  
160MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

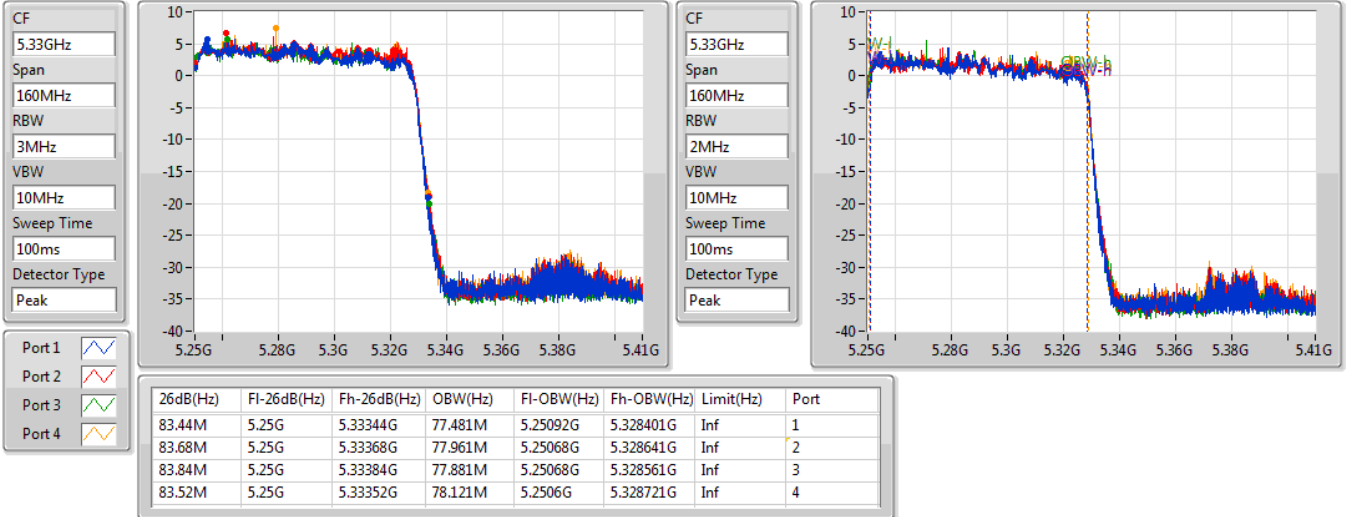
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.1676G	5.25G	77.641M	5.171599G	5.24924G	Inf	1
82.8M	5.1672G	5.25G	77.881M	5.171599G	5.24948G	Inf	2
83.52M	5.16648G	5.25G	77.881M	5.171519G	5.2494G	Inf	3
83.28M	5.16672G	5.25G	77.881M	5.171519G	5.2494G	Inf	4

802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019

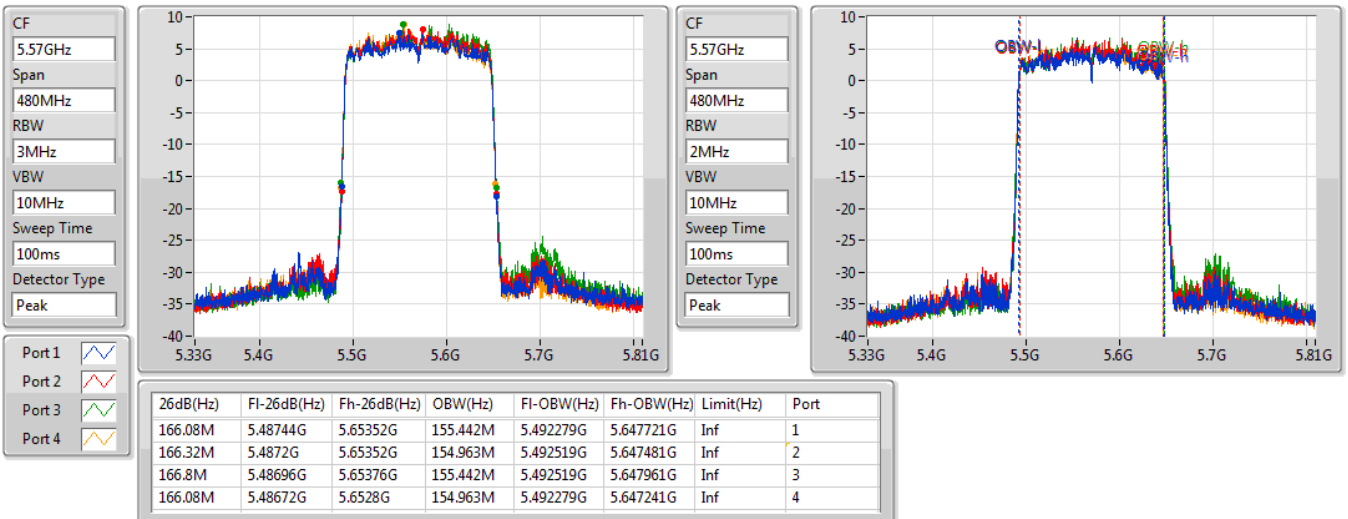


802.11ax HEW160\_Nss1,(MCS0)\_4TX

EBW

5570MHz

02/12/2019





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_Nss4,(MCS0)_4TX	83.76M	77.321M	77M3D1D	82.32M	76.202M
802.11ax HEW160_Nss4,(MCS0)_4TX	83.2M	78.121M	78M1D1D	82.4M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.81M	17.841M	17M8D1D	21.36M	17.751M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.86M	36.402M	36M4D1D	40.32M	36.342M
802.11ac VHT80_Nss4,(MCS0)_4TX	83.16M	75.922M	75M9D1D	82.56M	75.682M
802.11ac VHT160_Nss4,(MCS0)_4TX	83.84M	77.241M	77M2D1D	83.12M	76.362M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.96M	19.07M	19M1D1D	21.27M	18.981M
802.11ax HEW40_Nss4,(MCS0)_4TX	41.04M	37.721M	37M7D1D	40.62M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	83.76M	77.241M	77M2D1D	82.92M	77.001M
802.11ax HEW160_Nss4,(MCS0)_4TX	85.44M	78.361M	78M4D1D	83.84M	77.721M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.84M	17.841M	17M8D1D	15.795M	13.928M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.92M	36.462M	36M5D1D	35.245M	32.954M
802.11ac VHT80_Nss4,(MCS0)_4TX	83.52M	75.922M	75M9D1D	76.425M	72.414M
802.11ac VHT160_Nss4,(MCS0)_4TX	167.04M	154.243M	154MD1D	165.36M	153.763M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.84M	19.1M	19M1D1D	15.66M	14.528M
802.11ax HEW40_Nss4,(MCS0)_4TX	41.1M	37.721M	37M7D1D	35.42M	33.653M
802.11ax HEW80_Nss4,(MCS0)_4TX	83.88M	77.121M	77M1D1D	76.425M	73.163M
802.11ax HEW160_Nss4,(MCS0)_4TX	166.56M	155.682M	156MD1D	165.84M	155.202M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	3.76M	4.298M	4M30D1D	3.72M	4.098M
802.11ac VHT40_Nss4,(MCS0)_4TX	3.12M	3.598M	3M60D1D	3.1M	3.458M
802.11ac VHT80_Nss4,(MCS0)_4TX	3.12M	3.778M	3M78D1D	3.06M	3.678M
802.11ax HEW20_Nss4,(MCS0)_4TX	4.46M	4.538M	4M54D1D	4.32M	4.518M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.88M	4.058M	4M06D1D	3.7M	4.018M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.78M	4.098M	4M10D1D	3.66M	4.038M

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

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

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

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.57M	17.781M	21.54M	17.781M	21.81M	17.841M	21.66M	17.751M
5300MHz_TnomVnom	Pass	Inf	21.6M	17.781M	21.6M	17.781M	21.72M	17.811M	21.51M	17.751M
5320MHz_TnomVnom	Pass	Inf	21.66M	17.811M	21.48M	17.811M	21.81M	17.841M	21.36M	17.751M
5500MHz_TnomVnom	Pass	Inf	21.57M	17.781M	21.54M	17.781M	21.69M	17.841M	21.57M	17.751M
5580MHz_TnomVnom	Pass	Inf	21.66M	17.781M	21.63M	17.811M	21.81M	17.841M	21.42M	17.751M
5700MHz_TnomVnom	Pass	Inf	21.84M	17.811M	21.39M	17.781M	21.72M	17.811M	21.48M	17.781M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.885M	13.973M	15.795M	13.928M	15.84M	13.943M	15.855M	13.973M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.72M	4.178M	3.76M	4.298M	3.74M	4.238M	3.74M	4.098M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.44M	36.402M	40.8M	36.402M	40.44M	36.342M	40.86M	36.402M
5310MHz_TnomVnom	Pass	Inf	40.74M	36.402M	40.8M	36.342M	40.32M	36.342M	40.8M	36.402M
5510MHz_TnomVnom	Pass	Inf	40.86M	36.342M	40.8M	36.342M	40.56M	36.342M	40.8M	36.402M
5550MHz_TnomVnom	Pass	Inf	40.92M	36.342M	40.86M	36.342M	40.44M	36.342M	40.86M	36.462M
5670MHz_TnomVnom	Pass	Inf	40.92M	36.342M	40.74M	36.462M	40.56M	36.342M	40.86M	36.402M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.56M	32.989M	35.49M	32.989M	35.245M	32.954M	35.455M	33.093M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	3.458M	3.12M	3.558M	3.1M	3.598M	3.12M	3.518M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.04M	75.682M	82.56M	75.802M	82.92M	75.682M	83.16M	75.922M
5530MHz_TnomVnom	Pass	Inf	83.52M	75.682M	82.68M	75.802M	83.16M	75.802M	83.04M	75.922M
5610MHz_TnomVnom	Pass	Inf	83.28M	75.682M	82.68M	75.682M	83.04M	75.802M	83.28M	75.802M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.65M	72.414M	76.425M	72.414M	76.5M	72.414M	76.5M	72.489M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.1M	3.678M	3.12M	3.778M	3.06M	3.698M	3.08M	3.698M
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	83.76M	77.321M	82.96M	76.762M	82.32M	76.202M	82.8M	76.842M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	83.52M	77.241M	83.12M	76.922M	83.44M	76.362M	83.84M	76.602M
5570MHz_TnomVnom	Pass	Inf	167.04M	154.003M	165.36M	153.763M	165.84M	153.763M	165.84M	154.243M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.36M	18.981M	21.78M	19.01M	21.33M	19.04M	21.66M	19.07M
5300MHz_TnomVnom	Pass	Inf	21.27M	18.981M	21.96M	19.04M	21.39M	19.04M	21.81M	19.04M
5320MHz_TnomVnom	Pass	Inf	21.36M	18.981M	21.78M	19.01M	21.27M	19.04M	21.75M	19.07M
5500MHz_TnomVnom	Pass	Inf	21.27M	18.981M	21.84M	19.04M	21.33M	19.04M	21.78M	19.04M
5580MHz_TnomVnom	Pass	Inf	21.18M	18.981M	21.78M	19.04M	21.42M	19.04M	21.69M	19.07M
5700MHz_TnomVnom	Pass	Inf	21.48M	18.981M	21.78M	19.04M	21.24M	19.07M	21.81M	19.1M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.66M	14.528M	16.005M	14.588M	15.69M	14.588M	15.885M	14.588M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.32M	4.518M	4.42M	4.518M	4.46M	4.518M	4.42M	4.538M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.86M	37.661M	40.86M	37.601M	40.68M	37.481M	40.86M	37.661M
5310MHz_TnomVnom	Pass	Inf	40.86M	37.601M	41.04M	37.721M	40.62M	37.601M	40.92M	37.721M
5510MHz_TnomVnom	Pass	Inf	40.8M	37.601M	41.04M	37.721M	40.62M	37.541M	40.98M	37.661M
5550MHz_TnomVnom	Pass	Inf	40.8M	37.661M	41.04M	37.721M	40.74M	37.541M	40.98M	37.721M
5670MHz_TnomVnom	Pass	Inf	40.74M	37.721M	40.98M	37.661M	40.68M	37.541M	41.1M	37.721M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.7M	33.758M	35.42M	33.758M	35.455M	33.653M	35.525M	33.723M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.88M	4.018M	3.74M	4.058M	3.78M	4.038M	3.7M	4.038M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.16M	77.001M	82.92M	77.001M	83.28M	77.241M	83.76M	77.121M
5530MHz_TnomVnom	Pass	Inf	83.16M	77.001M	83.04M	77.001M	83.4M	77.121M	83.88M	77.121M
5610MHz_TnomVnom	Pass	Inf	83.4M	76.882M	83.04M	77.001M	83.04M	77.001M	83.64M	77.001M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.8M	73.238M	76.575M	73.163M	76.425M	73.388M	76.95M	73.163M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.038M	3.66M	4.078M	3.78M	4.098M	3.78M	4.078M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	82.64M	77.721M	82.4M	77.881M	82.96M	78.121M	83.2M	77.961M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	84.56M	77.721M	85.44M	78.361M	84.32M	77.961M	83.84M	77.881M
5570MHz_TnomVnom	Pass	Inf	166.56M	155.682M	165.84M	155.442M	166.56M	155.442M	166.08M	155.202M

**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
**Port X-OBW** = Port X 99% occupied bandwidth;

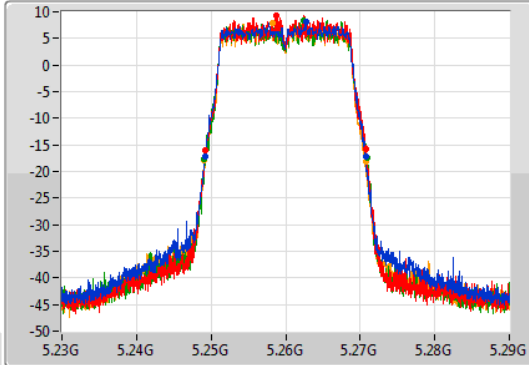
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

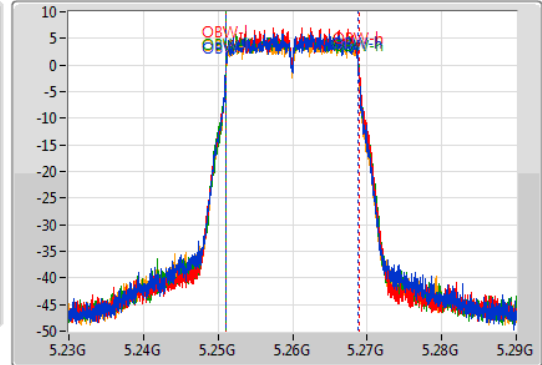
5260MHz

02/12/2019

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



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.24917G	5.27074G	17.781M	5.251064G	5.268846G	Inf	1
21.54M	5.2492G	5.27074G	17.781M	5.251124G	5.268906G	Inf	2
21.81M	5.24908G	5.27089G	17.841M	5.251064G	5.268906G	Inf	3
21.66M	5.24911G	5.27077G	17.751M	5.251064G	5.268816G	Inf	4

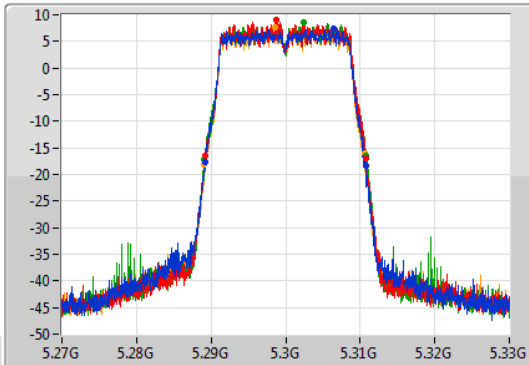
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

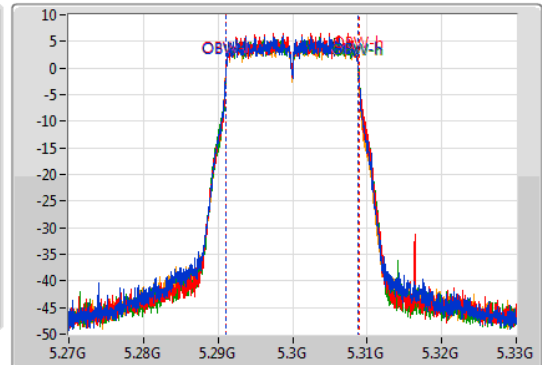
5300MHz

02/12/2019

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



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.28917G	5.31077G	17.781M	5.291064G	5.308846G	Inf	1
21.6M	5.2892G	5.3108G	17.781M	5.291094G	5.308876G	Inf	2
21.72M	5.28911G	5.31083G	17.811M	5.291094G	5.308906G	Inf	3
21.51M	5.28911G	5.31062G	17.751M	5.291064G	5.308816G	Inf	4

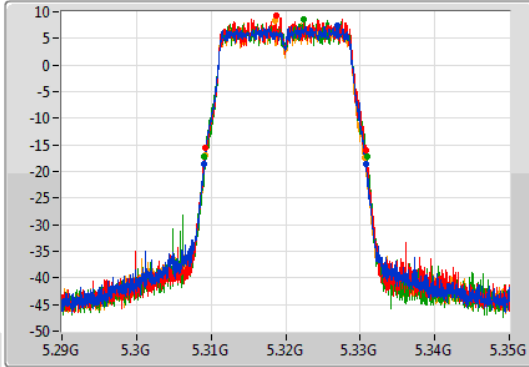
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

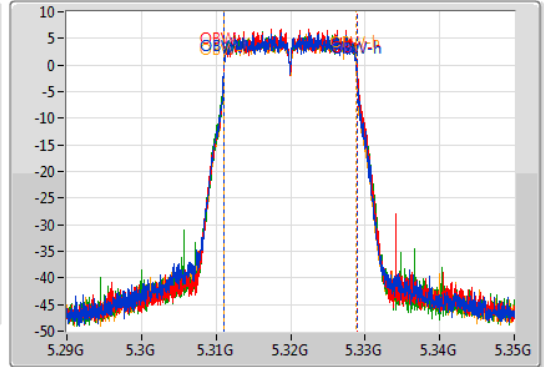
5320MHz

02/12/2019

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



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.66M	5.30911G	5.33077G	17.811M	5.311064G	5.328876G	Inf	1
21.48M	5.30929G	5.33077G	17.811M	5.311094G	5.328906G	Inf	2
21.81M	5.30911G	5.33092G	17.841M	5.311064G	5.328906G	Inf	3
21.36M	5.3092G	5.33056G	17.751M	5.311064G	5.328816G	Inf	4

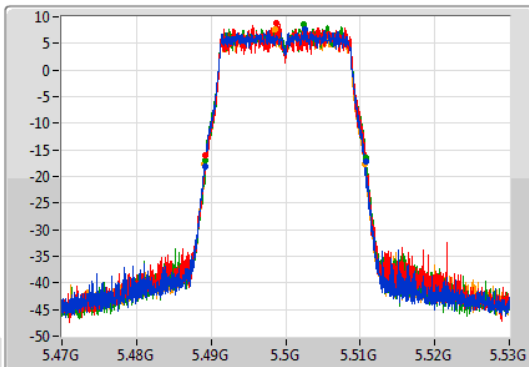
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

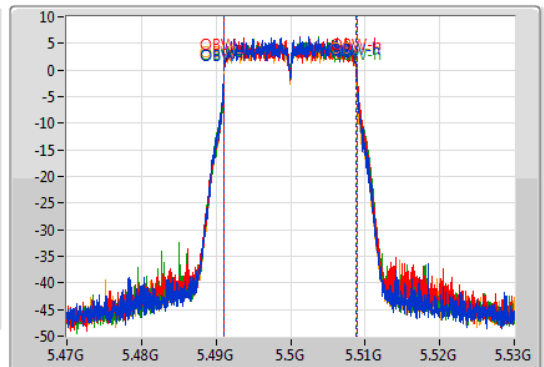
5500MHz

02/12/2019

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



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.48914G	5.51071G	17.781M	5.491064G	5.508846G	Inf	1
21.54M	5.48926G	5.5108G	17.781M	5.491094G	5.508876G	Inf	2
21.69M	5.48917G	5.51086G	17.841M	5.491064G	5.508906G	Inf	3
21.57M	5.48911G	5.51068G	17.751M	5.491064G	5.508816G	Inf	4



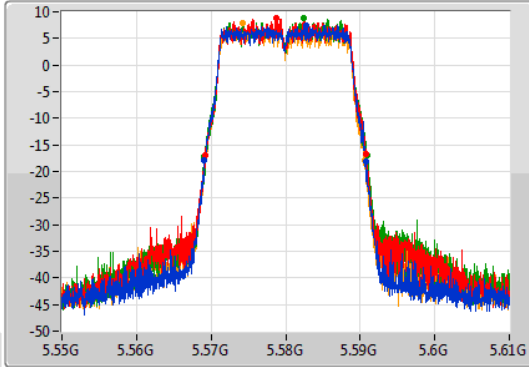
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

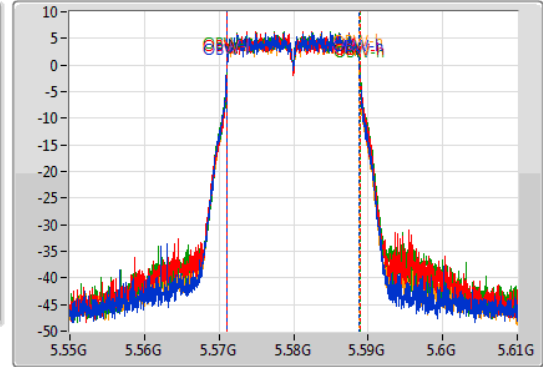
5580MHz

02/12/2019

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



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.66M	5.56911G	5.59077G	17.781M	5.571064G	5.588846G	Inf	1
21.63M	5.56917G	5.5908G	17.811M	5.571094G	5.588906G	Inf	2
21.81M	5.56911G	5.59092G	17.841M	5.571094G	5.588936G	Inf	3
21.42M	5.56911G	5.59053G	17.751M	5.571064G	5.588816G	Inf	4

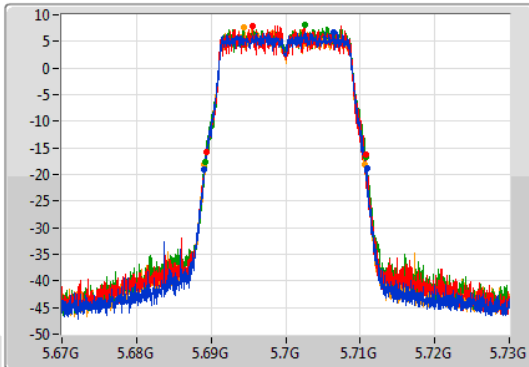
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

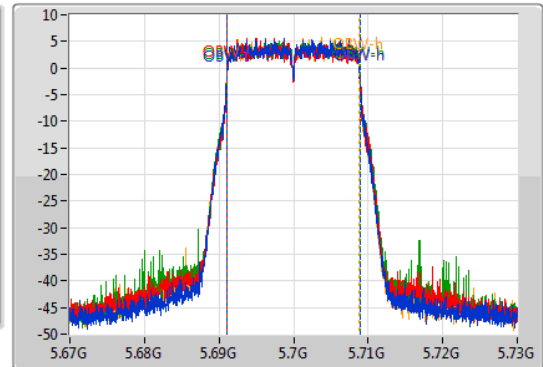
5700MHz

02/12/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

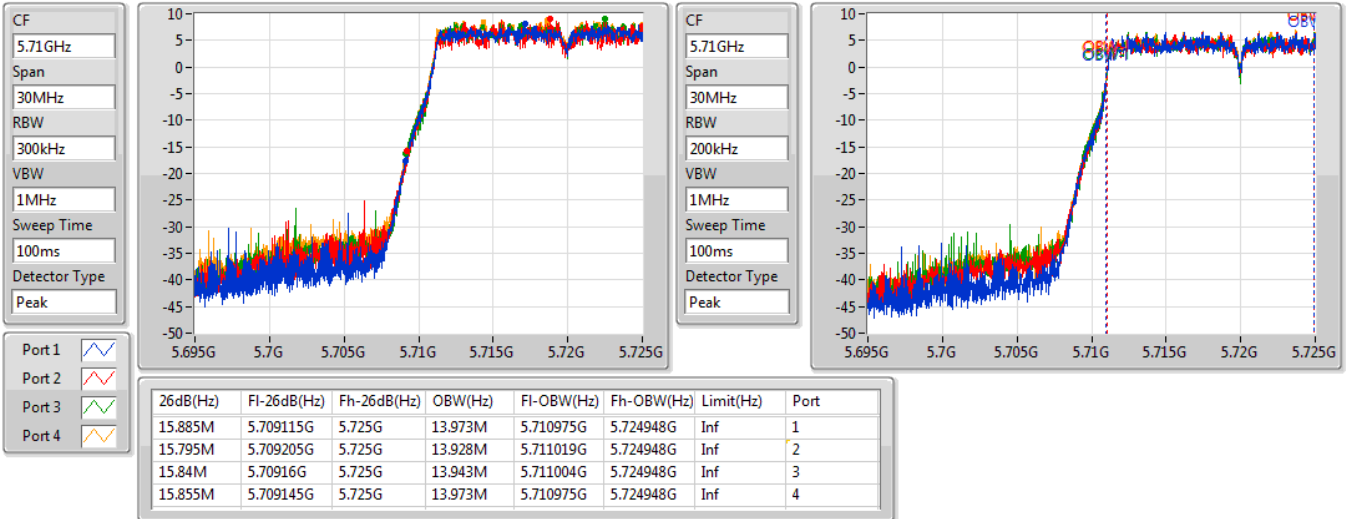
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.68911G	5.71095G	17.811M	5.691064G	5.708876G	Inf	1
21.39M	5.68932G	5.71071G	17.781M	5.691094G	5.708876G	Inf	2
21.72M	5.68914G	5.71086G	17.811M	5.691094G	5.708906G	Inf	3
21.48M	5.68911G	5.71059G	17.781M	5.691034G	5.708816G	Inf	4

802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

02/12/2019

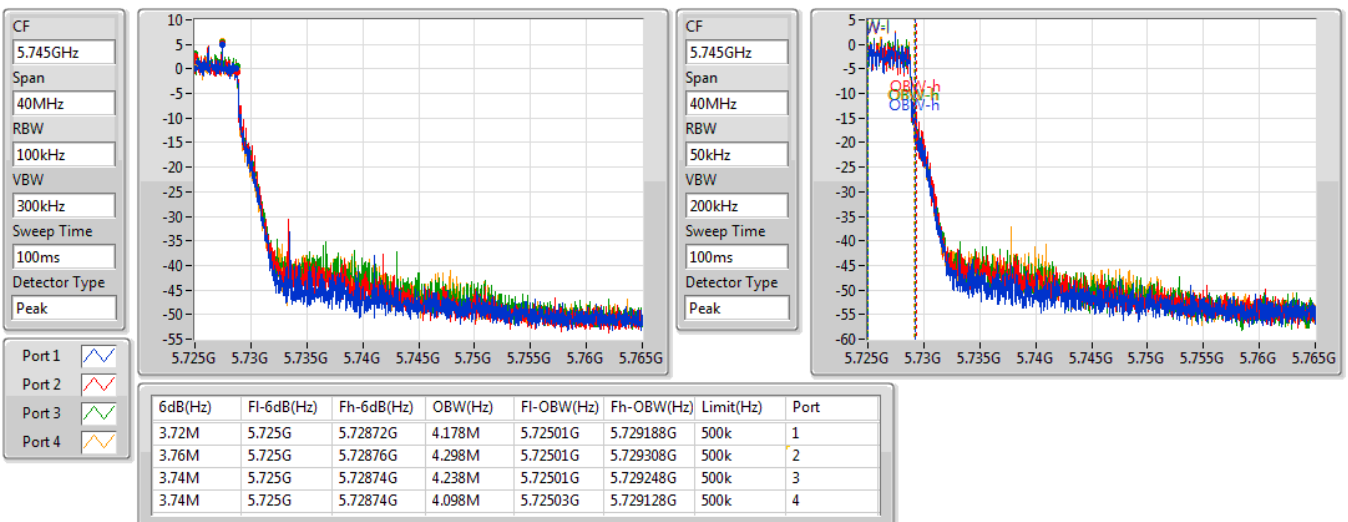


802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

02/12/2019



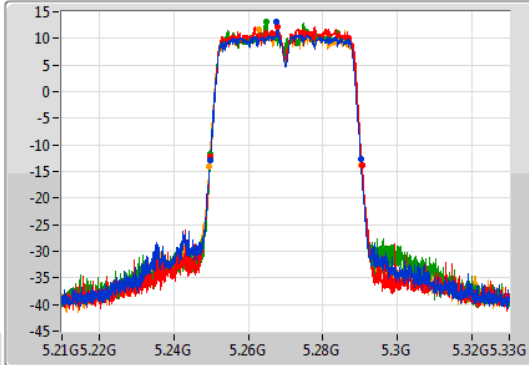
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

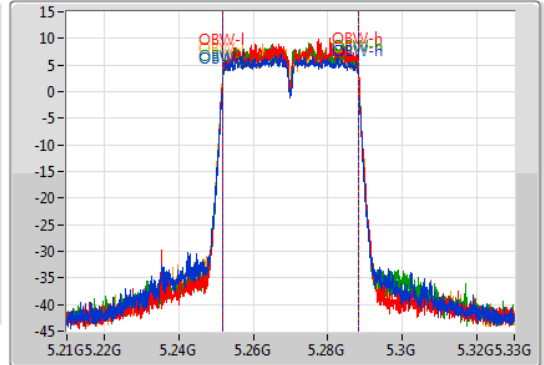
5270MHz

02/12/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.44M	5.24966G	5.2901G	36.402M	5.251769G	5.288171G	Inf	1
40.8M	5.24972G	5.29052G	36.402M	5.251829G	5.288231G	Inf	2
40.44M	5.24984G	5.29028G	36.342M	5.251829G	5.288171G	Inf	3
40.86M	5.24948G	5.29034G	36.402M	5.251769G	5.288171G	Inf	4

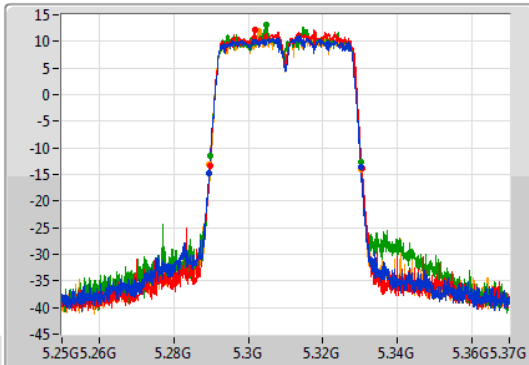
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

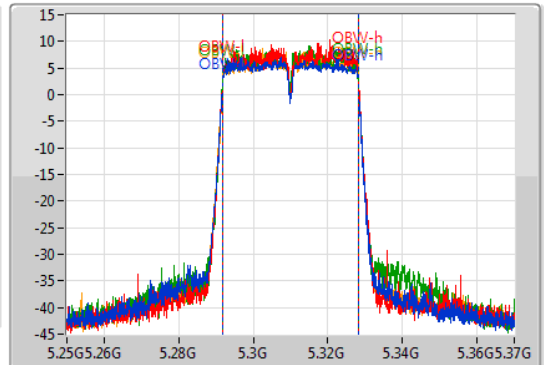
5310MHz

02/12/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.74M	5.28948G	5.33022G	36.402M	5.291769G	5.328171G	Inf	1
40.8M	5.28972G	5.33052G	36.342M	5.291829G	5.328171G	Inf	2
40.32M	5.2899G	5.33022G	36.342M	5.291829G	5.328171G	Inf	3
40.8M	5.28954G	5.33034G	36.402M	5.291769G	5.328171G	Inf	4

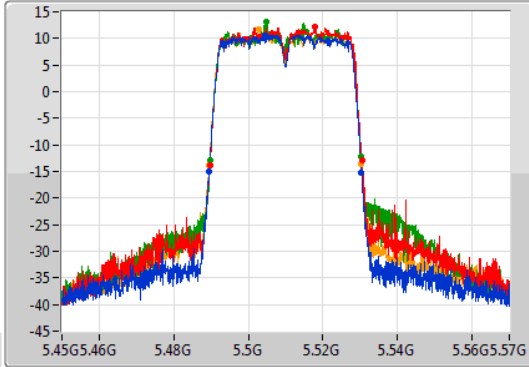
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

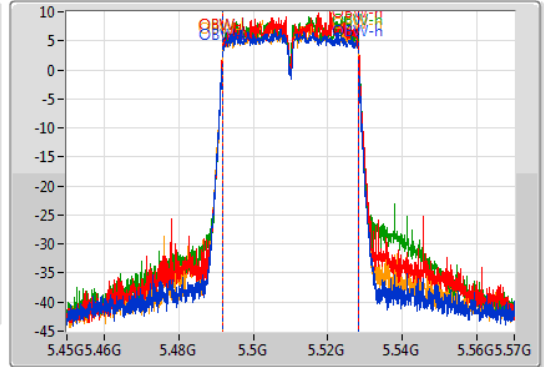
5510MHz

02/12/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.86M	5.48948G	5.53034G	36.342M	5.491769G	5.528111G	Inf	1
40.8M	5.48966G	5.53046G	36.342M	5.491889G	5.528231G	Inf	2
40.56M	5.48972G	5.53028G	36.342M	5.491829G	5.528171G	Inf	3
40.8M	5.48948G	5.53028G	36.402M	5.491769G	5.528171G	Inf	4

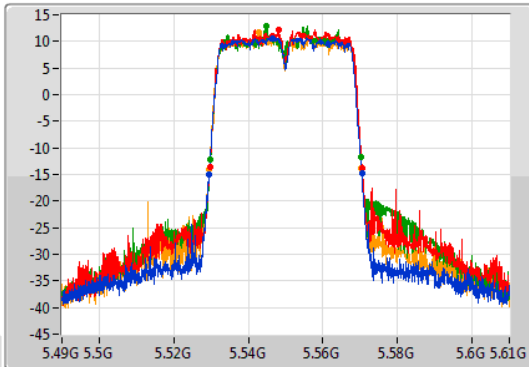
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

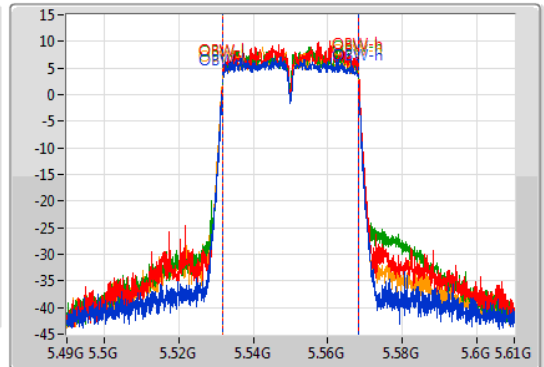
5550MHz

02/12/2019

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



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
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
40.92M	5.52948G	5.5704G	36.342M	5.531769G	5.568111G	Inf	1
40.86M	5.52966G	5.57052G	36.342M	5.531889G	5.568231G	Inf	2
40.44M	5.52978G	5.57022G	36.342M	5.531829G	5.568171G	Inf	3
40.86M	5.52942G	5.57028G	36.462M	5.531709G	5.568171G	Inf	4

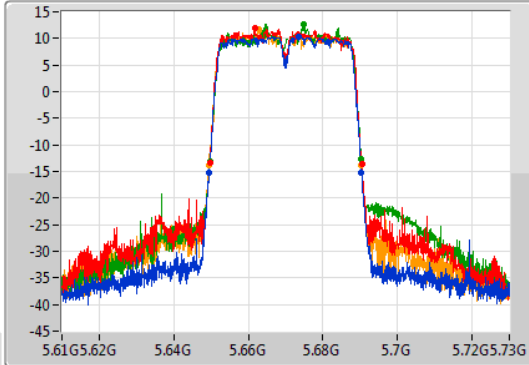
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

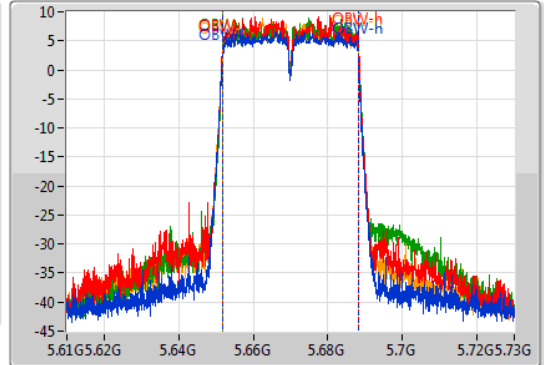
5670MHz

02/12/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.92M	5.64942G	5.69034G	36.342M	5.651769G	5.688111G	Inf	1
40.74M	5.64966G	5.6904G	36.462M	5.651769G	5.688231G	Inf	2
40.56M	5.64972G	5.69028G	36.342M	5.651829G	5.688171G	Inf	3
40.86M	5.64942G	5.69028G	36.402M	5.651709G	5.688111G	Inf	4

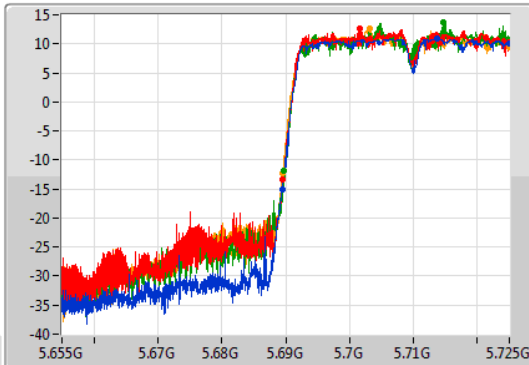
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

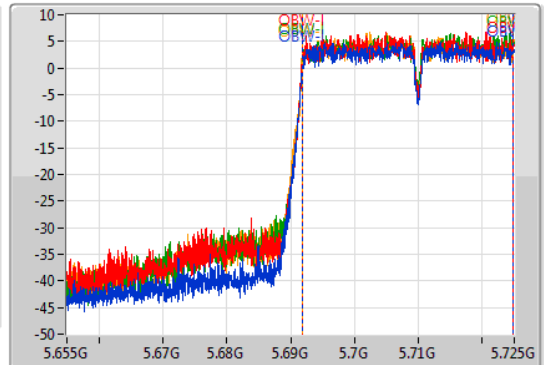
5710MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.69GHz  
Span  
70MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.69GHz  
Span  
70MHz  
RBW  
300kHz  
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
35.56M	5.68944G	5.725G	32.989M	5.691854G	5.724843G	Inf	1
35.49M	5.68951G	5.725G	32.989M	5.691854G	5.724843G	Inf	2
35.245M	5.689755G	5.725G	32.954M	5.691889G	5.724843G	Inf	3
35.455M	5.689545G	5.725G	33.093M	5.691784G	5.724878G	Inf	4

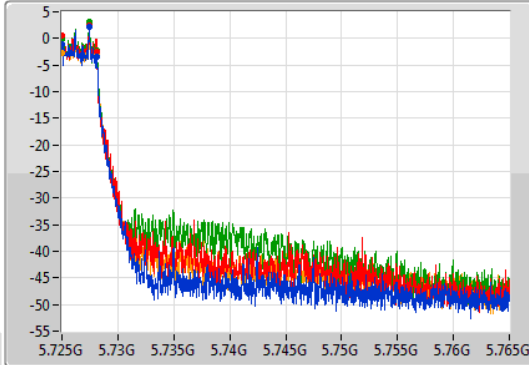
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

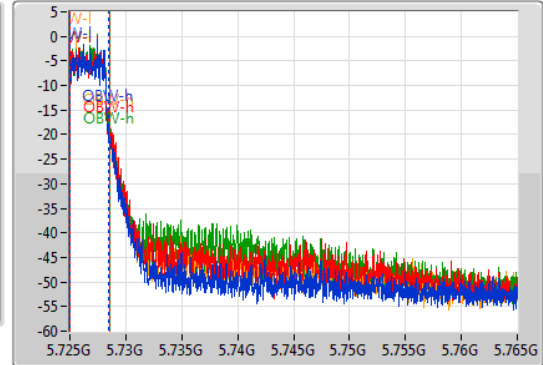
5710MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
3.12M	5.725G	5.72812G	3.458M	5.72501G	5.728468G	500k	1
3.12M	5.725G	5.72812G	3.558M	5.72501G	5.728568G	500k	2
3.1M	5.725G	5.7281G	3.598M	5.72501G	5.728608G	500k	3
3.12M	5.725G	5.72812G	3.518M	5.72501G	5.728528G	500k	4

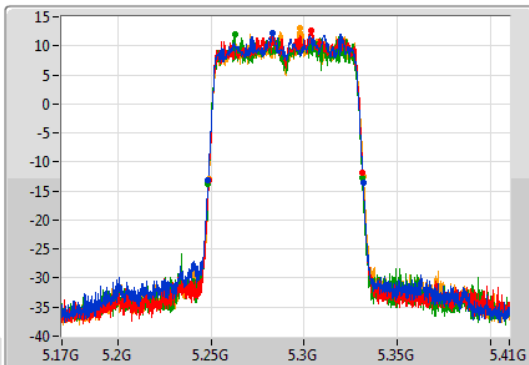
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

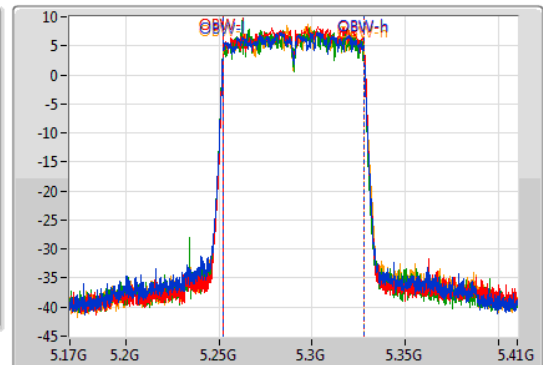
5290MHz

02/12/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.04M	5.24848G	5.33152G	75.682M	5.252099G	5.327781G	Inf	1
82.56M	5.24884G	5.3314G	75.802M	5.252219G	5.328021G	Inf	2
82.92M	5.24824G	5.33116G	75.682M	5.252099G	5.327781G	Inf	3
83.16M	5.2486G	5.33176G	75.922M	5.252099G	5.328021G	Inf	4

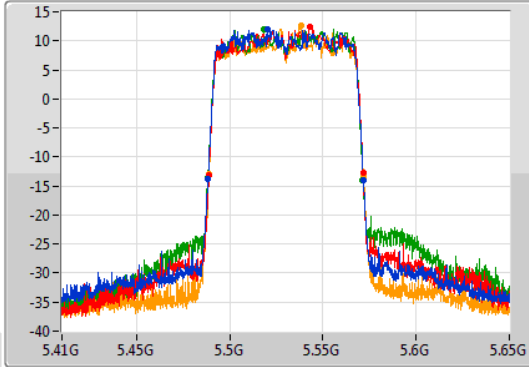
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

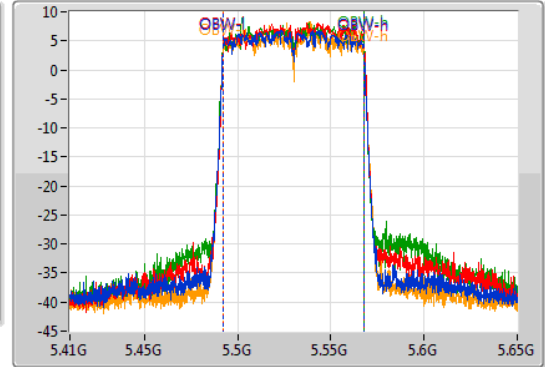
5530MHz

02/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.52M	5.48836G	5.57188G	75.682M	5.492099G	5.567781G	Inf	1
82.68M	5.48884G	5.57152G	75.802M	5.492219G	5.568021G	Inf	2
83.16M	5.48824G	5.5714G	75.802M	5.492099G	5.567901G	Inf	3
83.04M	5.48872G	5.57176G	75.922M	5.491979G	5.567901G	Inf	4

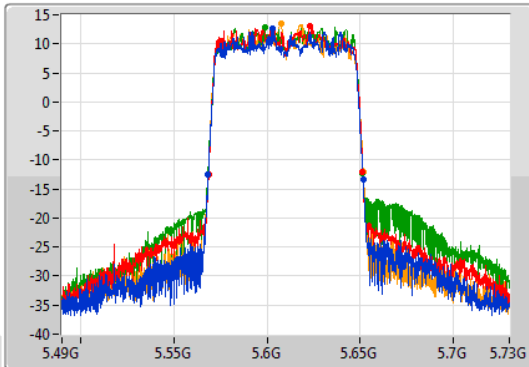
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

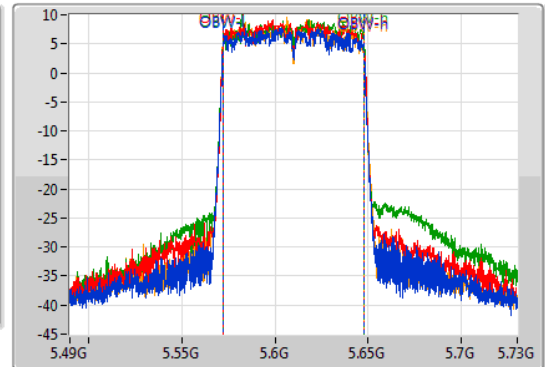
5610MHz

02/12/2019

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



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
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
83.28M	5.56848G	5.65176G	75.682M	5.572099G	5.647781G	Inf	1
82.68M	5.56872G	5.6514G	75.682M	5.572099G	5.647781G	Inf	2
83.04M	5.56824G	5.65128G	75.802M	5.572099G	5.647901G	Inf	3
83.28M	5.56836G	5.65164G	75.802M	5.571979G	5.647781G	Inf	4

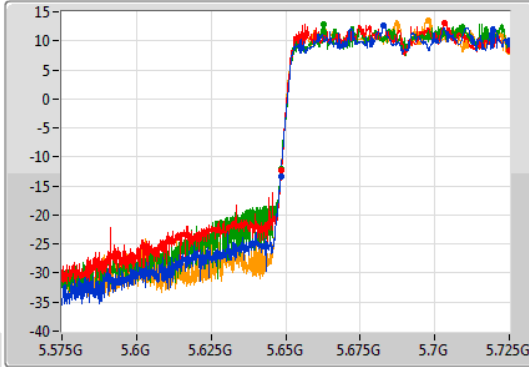
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

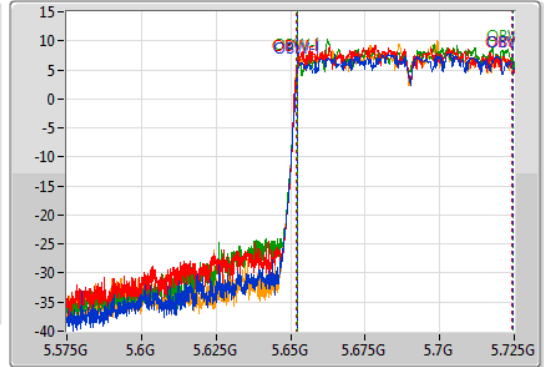
5690MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.65GHz  
Span  
150MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
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
76.65M	5.64835G	5.725G	72.414M	5.652099G	5.724513G	Inf	1
76.425M	5.648575G	5.725G	72.414M	5.651949G	5.724363G	Inf	2
76.5M	5.6485G	5.725G	72.414M	5.652099G	5.724513G	Inf	3
76.5M	5.6485G	5.725G	72.489M	5.651949G	5.724438G	Inf	4

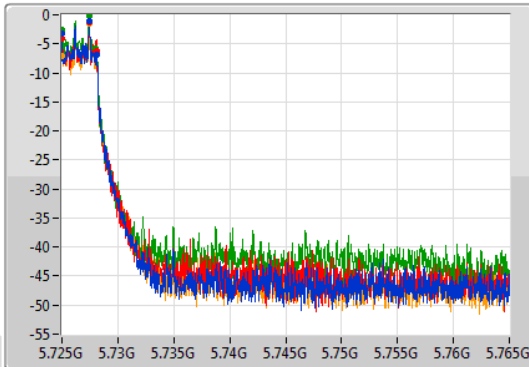
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

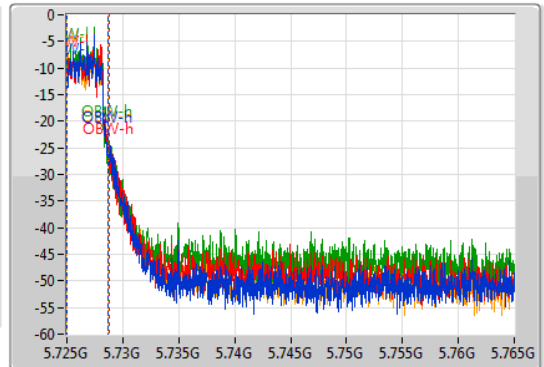
5690MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
3.1M	5.725G	5.7281G	3.678M	5.72503G	5.728708G	500k	1
3.12M	5.725G	5.72812G	3.778M	5.72501G	5.728788G	500k	2
3.06M	5.725G	5.72806G	3.698M	5.72503G	5.728728G	500k	3
3.08M	5.72502G	5.7281G	3.698M	5.72501G	5.728708G	500k	4

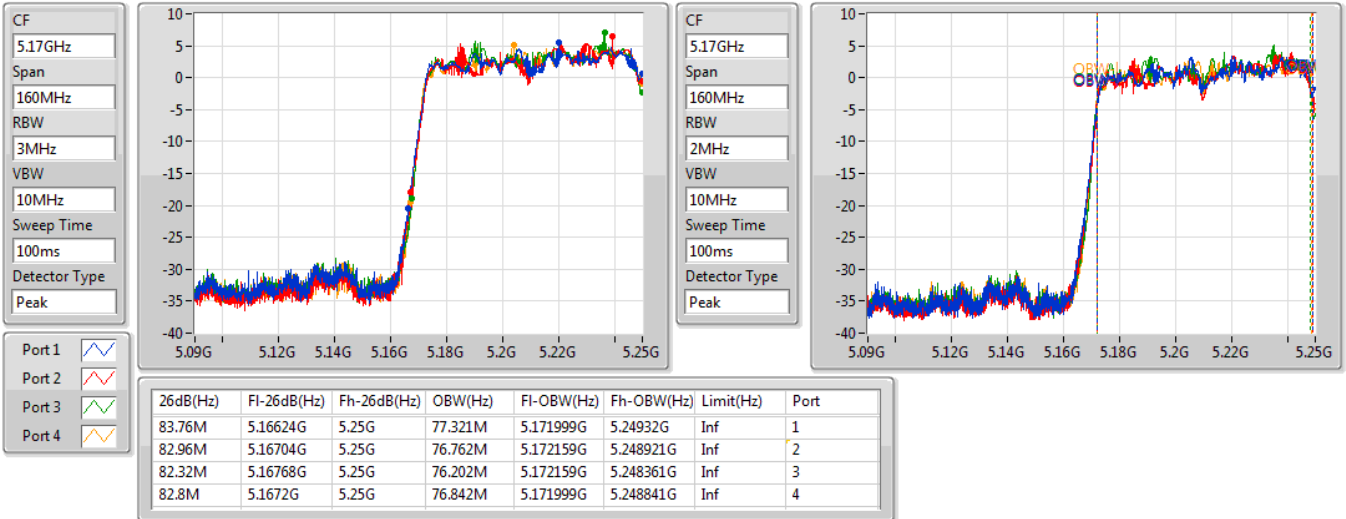


802.11ac VHT160\_Nss4,(MCS0)\_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

02/12/2019

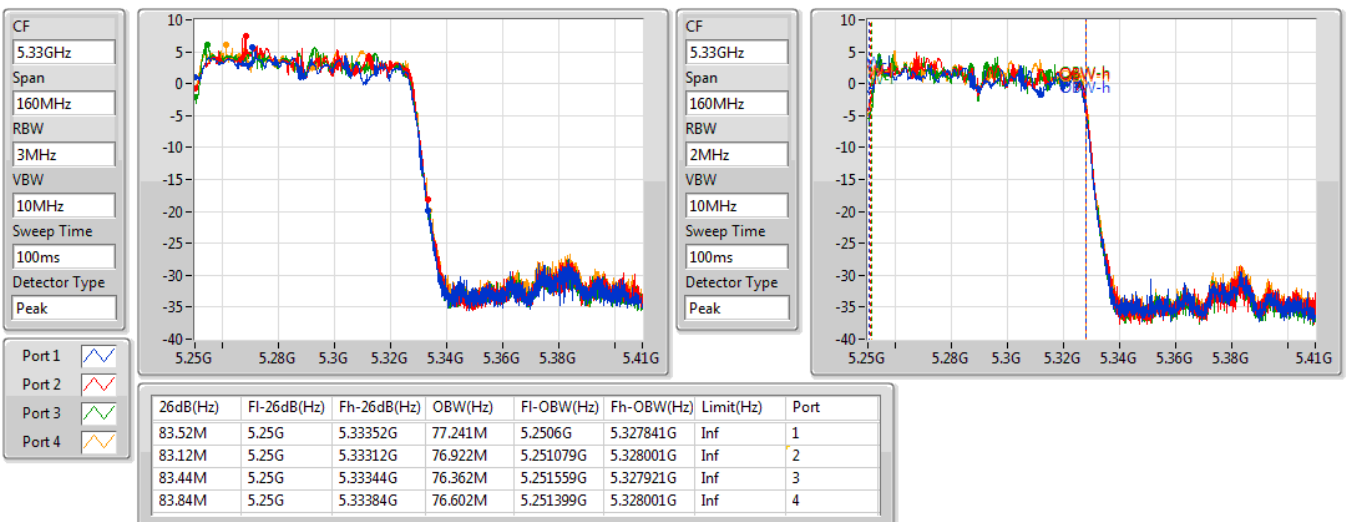


802.11ac VHT160\_Nss4,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019



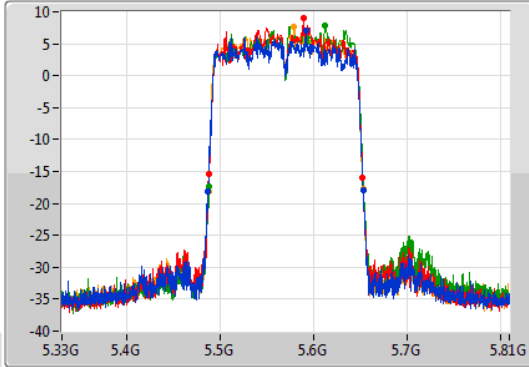
802.11ac VHT160\_Nss4,(MCS0)\_4TX

EBW

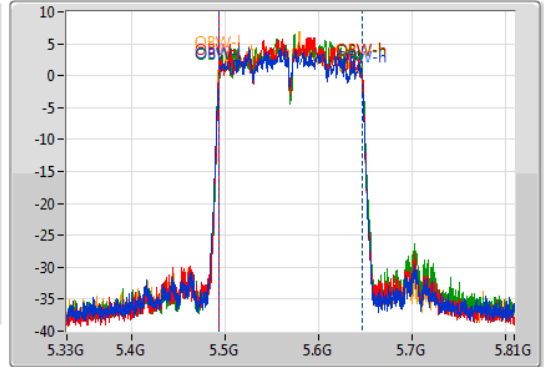
5570MHz

02/12/2019

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



CF  
5.57GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
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
167.04M	5.48648G	5.65352G	154.003M	5.492759G	5.646762G	Inf	1
165.36M	5.4872G	5.65256G	153.763M	5.493238G	5.647001G	Inf	2
165.84M	5.48792G	5.65376G	153.763M	5.493478G	5.647241G	Inf	3
165.84M	5.4872G	5.65304G	154.243M	5.492519G	5.646762G	Inf	4

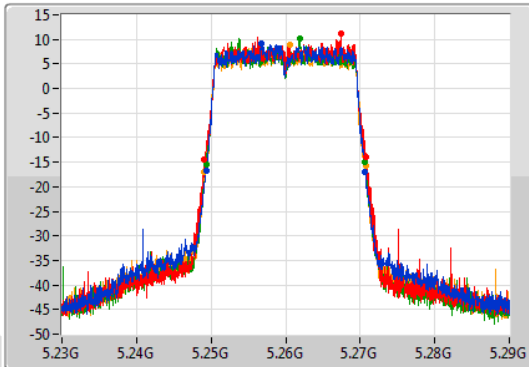
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

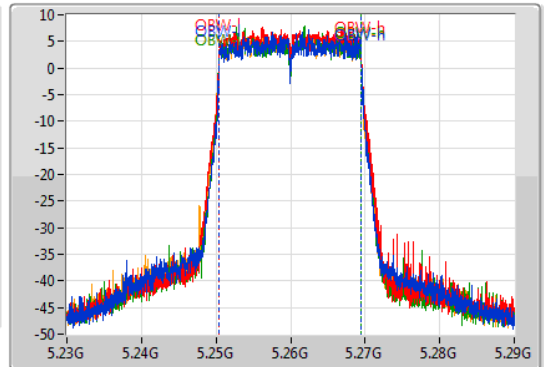
5260MHz

02/12/2019

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



CF  
5.26GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.24932G	5.27068G	18.981M	5.250465G	5.269445G	Inf	1
21.78M	5.24908G	5.27086G	19.01M	5.250465G	5.269475G	Inf	2
21.33M	5.24932G	5.27065G	19.04M	5.250435G	5.269475G	Inf	3
21.66M	5.24908G	5.27074G	19.07M	5.250405G	5.269475G	Inf	4

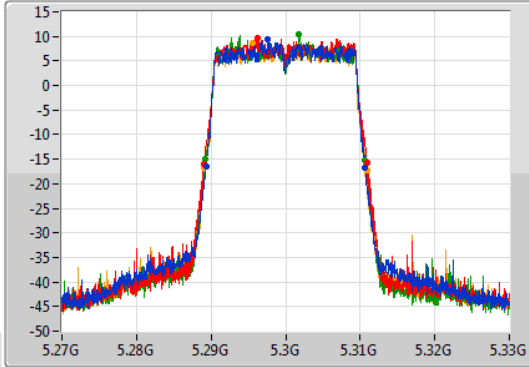
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

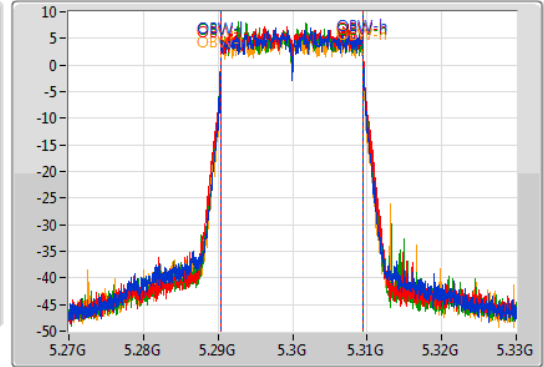
5300MHz

02/12/2019

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



CF  
5.3GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.27M	5.28935G	5.31062G	18.981M	5.290465G	5.309445G	Inf	1
21.96M	5.28899G	5.31095G	19.04M	5.290435G	5.309475G	Inf	2
21.39M	5.28929G	5.31068G	19.04M	5.290435G	5.309475G	Inf	3
21.81M	5.28908G	5.31089G	19.04M	5.290435G	5.309475G	Inf	4

802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

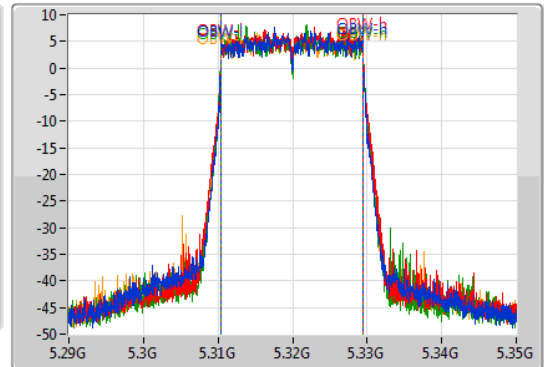
5320MHz

02/12/2019

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



CF  
5.32GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.30929G	5.33065G	18.981M	5.310465G	5.329445G	Inf	1
21.78M	5.30914G	5.33092G	19.01M	5.310465G	5.329475G	Inf	2
21.27M	5.30941G	5.33068G	19.04M	5.310435G	5.329475G	Inf	3
21.75M	5.30905G	5.3308G	19.07M	5.310405G	5.329475G	Inf	4

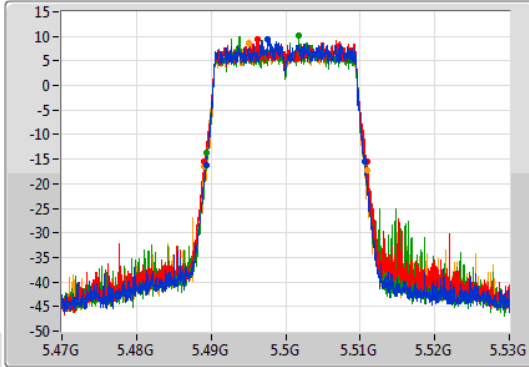
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

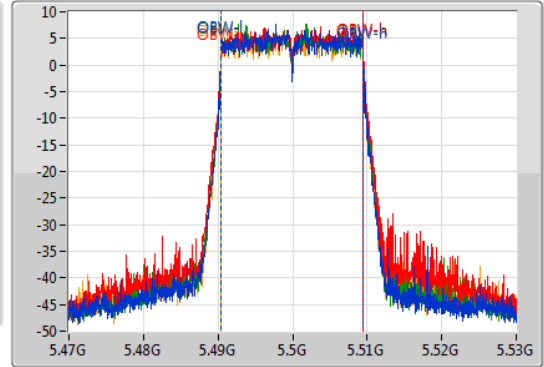
5500MHz

02/12/2019

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



CF  
5.5GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.27M	5.48932G	5.51059G	18.981M	5.490465G	5.509445G	Inf	1
21.84M	5.48905G	5.51089G	19.04M	5.490435G	5.509475G	Inf	2
21.33M	5.48941G	5.51074G	19.04M	5.490435G	5.509475G	Inf	3
21.78M	5.48911G	5.51089G	19.04M	5.490435G	5.509475G	Inf	4

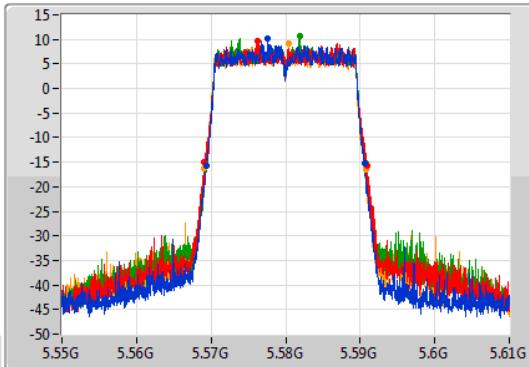
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

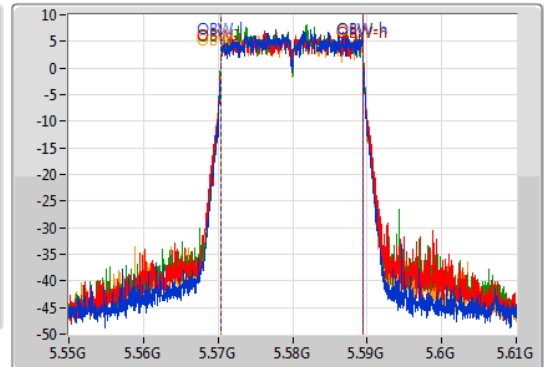
5580MHz

02/12/2019

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



CF  
5.58GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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
21.18M	5.56938G	5.59056G	18.981M	5.570465G	5.589445G	Inf	1
21.78M	5.56911G	5.59089G	19.04M	5.570435G	5.589475G	Inf	2
21.42M	5.56929G	5.59071G	19.04M	5.570435G	5.589475G	Inf	3
21.69M	5.56911G	5.5908G	19.07M	5.570405G	5.589475G	Inf	4

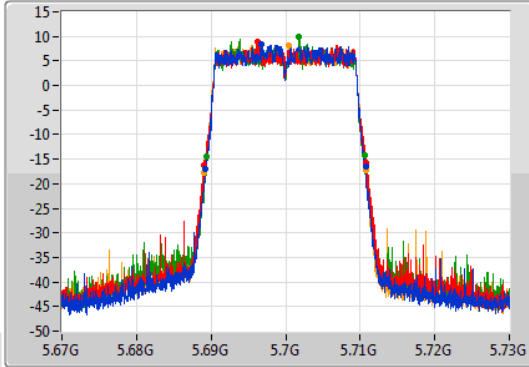
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

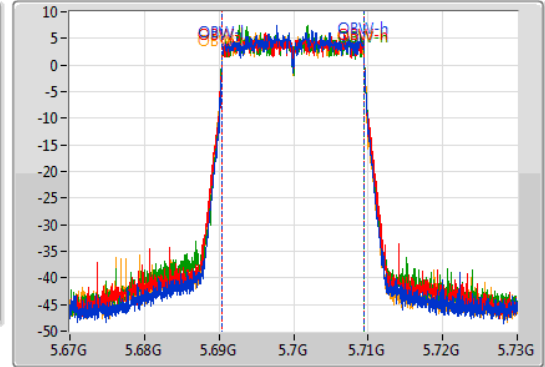
5700MHz

02/12/2019

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



CF  
5.7GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
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	5.68929G	5.71077G	18.981M	5.690465G	5.709445G	Inf	1
21.78M	5.68905G	5.71083G	19.04M	5.690435G	5.709475G	Inf	2
21.24M	5.68935G	5.71059G	19.07M	5.690405G	5.709475G	Inf	3
21.81M	5.68902G	5.71083G	19.1M	5.690375G	5.709475G	Inf	4

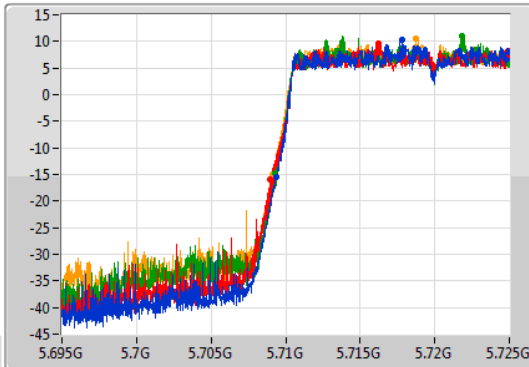
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

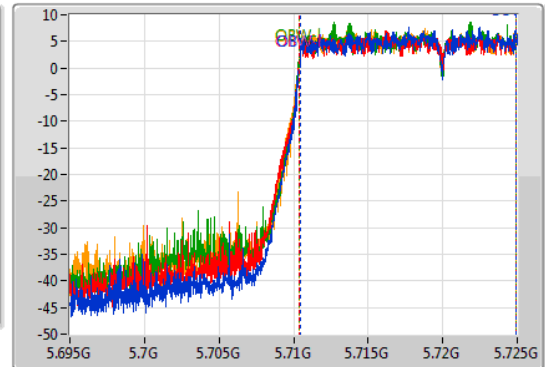
5720MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.71GHz  
Span  
30MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.71GHz  
Span  
30MHz  
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
15.66M	5.70934G	5.725G	14.528M	5.71042G	5.724948G	Inf	1
16.005M	5.708995G	5.725G	14.588M	5.71036G	5.724948G	Inf	2
15.69M	5.70931G	5.725G	14.588M	5.71036G	5.724948G	Inf	3
15.885M	5.709115G	5.725G	14.588M	5.71036G	5.724948G	Inf	4

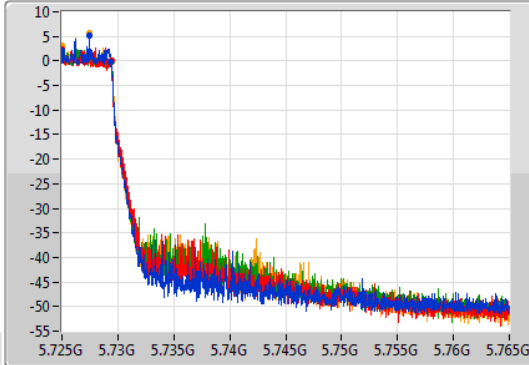
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

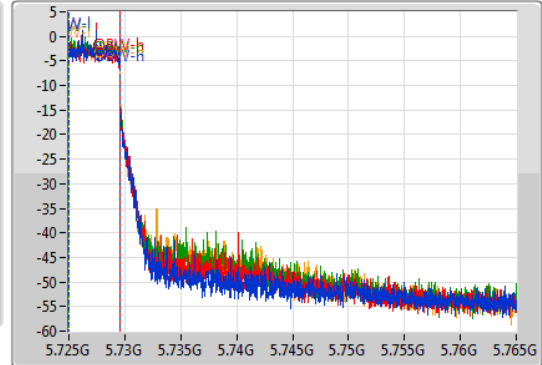
5720MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
4.32M	5.725G	5.72932G	4.518M	5.72503G	5.729548G	500k	1
4.42M	5.725G	5.72942G	4.518M	5.72503G	5.729548G	500k	2
4.46M	5.725G	5.72946G	4.518M	5.72503G	5.729548G	500k	3
4.42M	5.725G	5.72942G	4.538M	5.72503G	5.729568G	500k	4

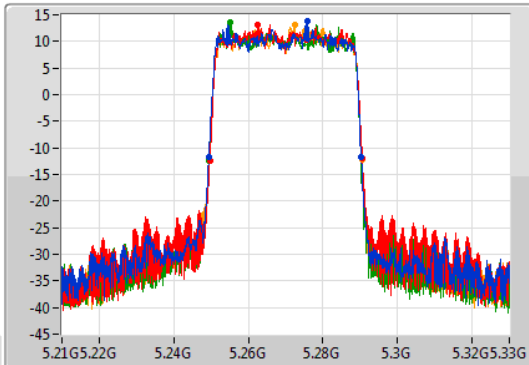
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

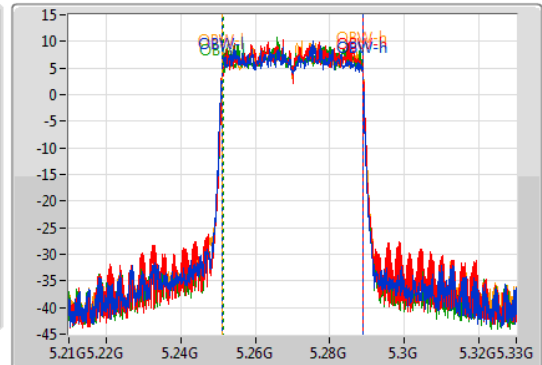
5270MHz

02/12/2019

CF  
5.27GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.86M	5.24942G	5.29028G	37.661M	5.251109G	5.288771G	Inf	1
40.86M	5.24966G	5.29052G	37.601M	5.251169G	5.288771G	Inf	2
40.68M	5.2496G	5.29028G	37.481M	5.251289G	5.288771G	Inf	3
40.86M	5.24954G	5.2904G	37.661M	5.251169G	5.288831G	Inf	4

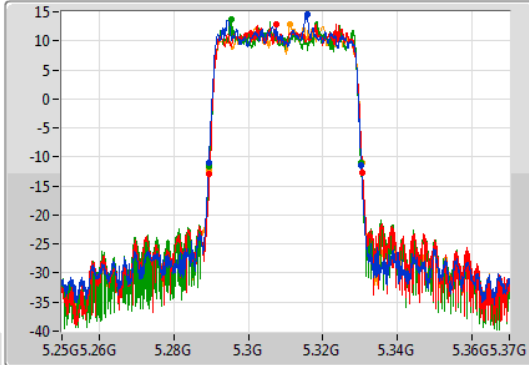
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

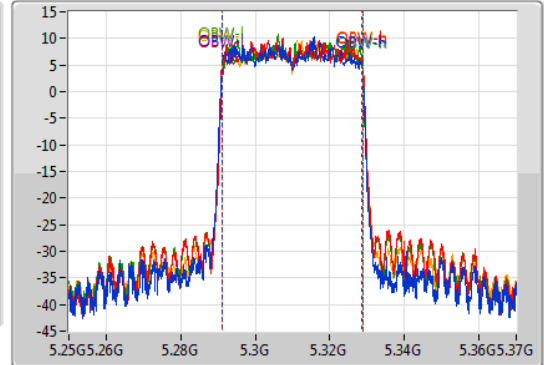
5310MHz

02/12/2019

CF  
5.31GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.86M	5.28942G	5.33028G	37.601M	5.291109G	5.328711G	Inf	1
41.04M	5.2896G	5.33064G	37.721M	5.291169G	5.328891G	Inf	2
40.62M	5.2896G	5.33022G	37.601M	5.291169G	5.328771G	Inf	3
40.92M	5.28954G	5.33046G	37.721M	5.291169G	5.328891G	Inf	4

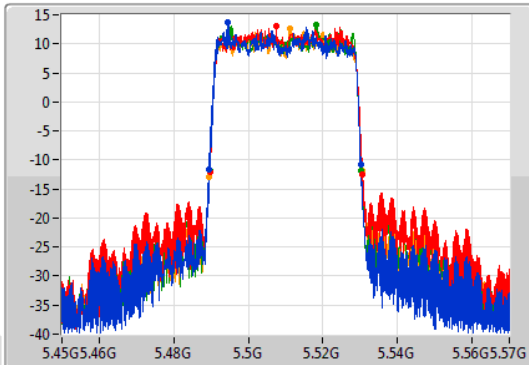
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

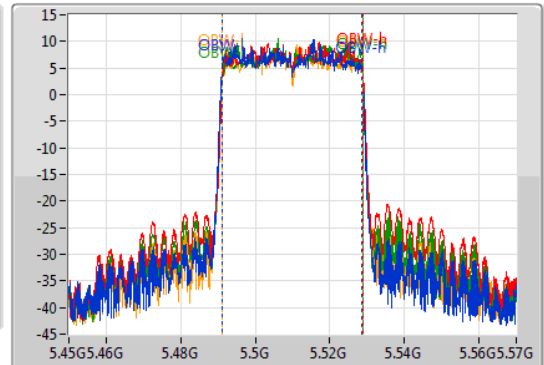
5510MHz

02/12/2019

CF  
5.51GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.8M	5.48942G	5.53022G	37.601M	5.491109G	5.528711G	Inf	1
41.04M	5.48966G	5.5307G	37.721M	5.491169G	5.528891G	Inf	2
40.62M	5.48966G	5.53028G	37.541M	5.491229G	5.528771G	Inf	3
40.98M	5.48954G	5.53052G	37.661M	5.491169G	5.528831G	Inf	4

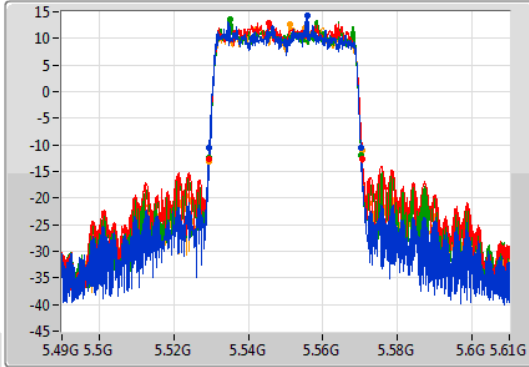
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

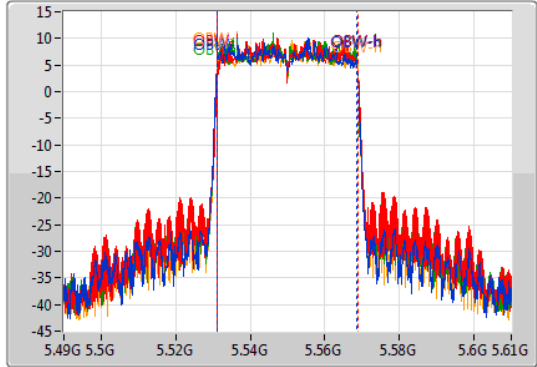
5550MHz

02/12/2019

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



CF  
5.55GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
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
40.8M	5.52942G	5.57022G	37.661M	5.531049G	5.568711G	Inf	1
41.04M	5.52954G	5.57058G	37.721M	5.531169G	5.568891G	Inf	2
40.74M	5.52954G	5.57028G	37.541M	5.531229G	5.568771G	Inf	3
40.98M	5.52948G	5.57046G	37.721M	5.531109G	5.568831G	Inf	4

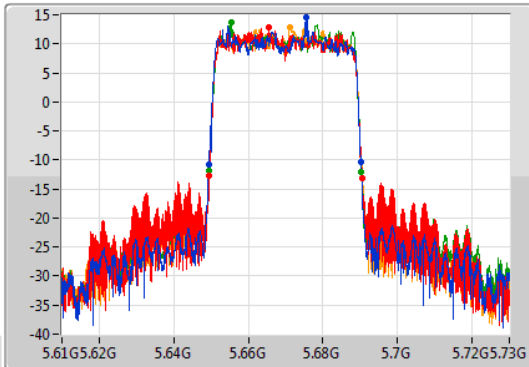
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

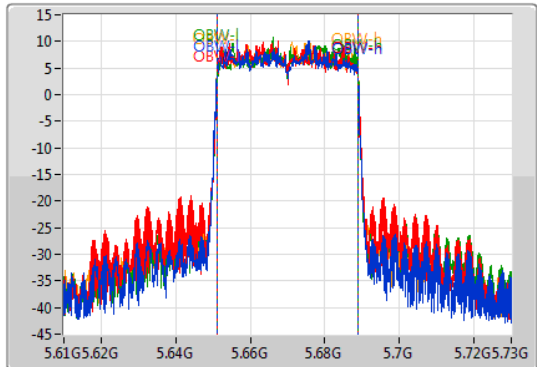
5670MHz

02/12/2019

CF  
5.67GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
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
40.74M	5.64942G	5.69016G	37.721M	5.651049G	5.688771G	Inf	1
40.98M	5.64954G	5.69052G	37.661M	5.651109G	5.688771G	Inf	2
40.68M	5.6496G	5.69028G	37.541M	5.651229G	5.688771G	Inf	3
41.1M	5.64948G	5.69058G	37.721M	5.651109G	5.688831G	Inf	4

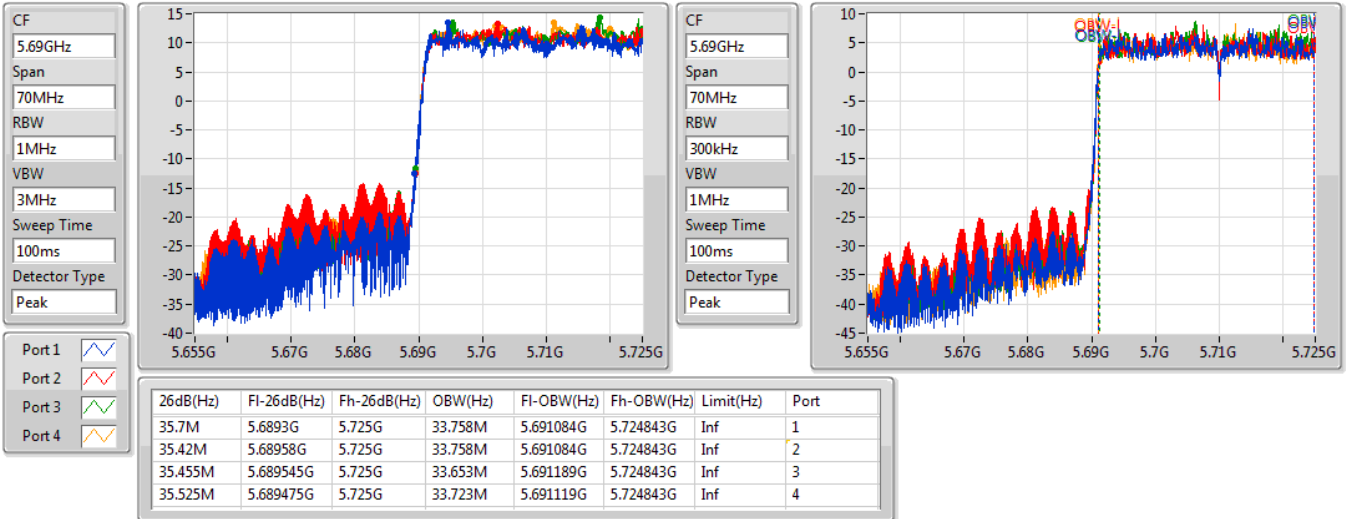


802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/12/2019

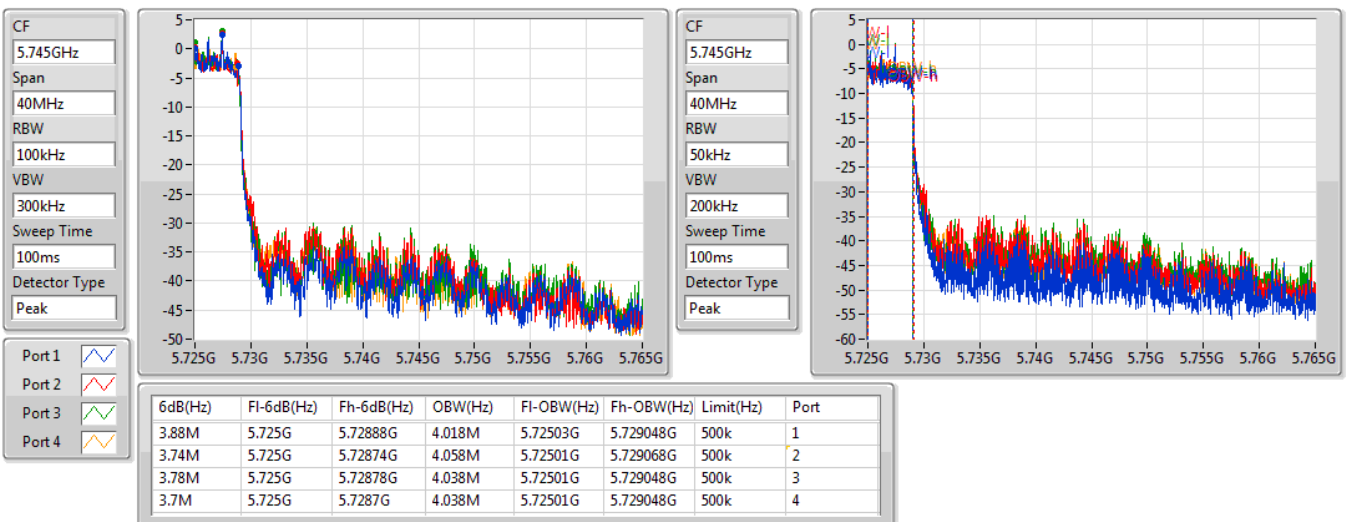


802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/12/2019



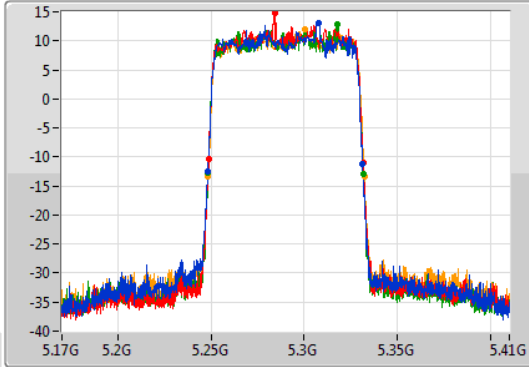
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

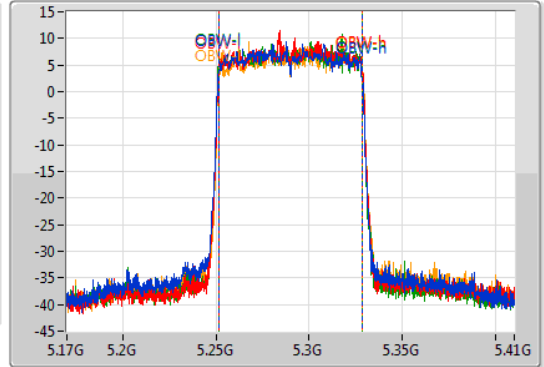
5290MHz

02/12/2019

CF  
5.29GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.16M	5.24812G	5.33128G	77.001M	5.251379G	5.328381G	Inf	1
82.92M	5.2486G	5.33152G	77.001M	5.251499G	5.328501G	Inf	2
83.28M	5.24848G	5.33176G	77.241M	5.251259G	5.328501G	Inf	3
83.76M	5.24836G	5.33212G	77.121M	5.251619G	5.328741G	Inf	4

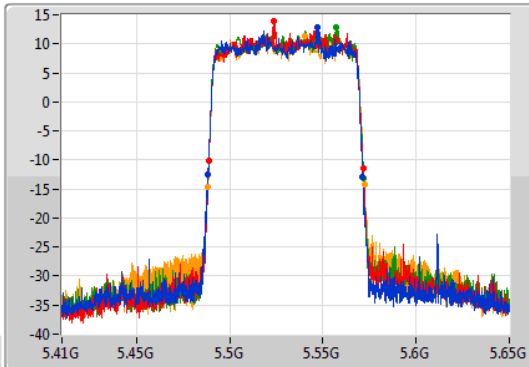
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

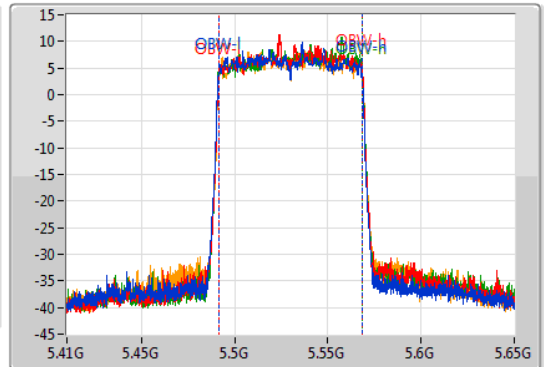
5530MHz

02/12/2019

CF  
5.53GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
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
83.16M	5.48824G	5.5714G	77.001M	5.491379G	5.568381G	Inf	1
83.04M	5.4886G	5.57164G	77.001M	5.491619G	5.568621G	Inf	2
83.4M	5.48848G	5.57188G	77.121M	5.491379G	5.568501G	Inf	3
83.88M	5.48824G	5.57212G	77.121M	5.491499G	5.568621G	Inf	4

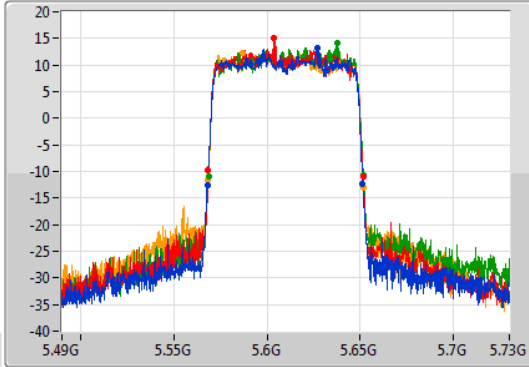
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

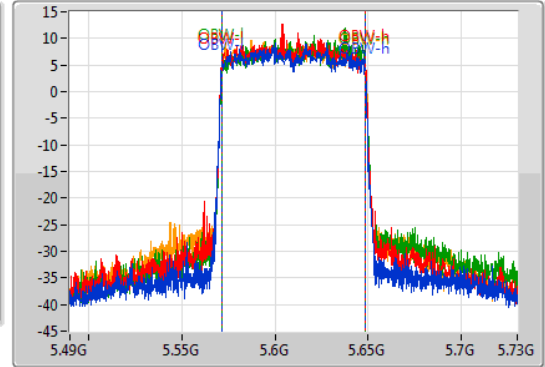
5610MHz

02/12/2019

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



CF  
5.61GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
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
83.4M	5.568G	5.6514G	76.882M	5.571379G	5.648261G	Inf	1
83.04M	5.56848G	5.65152G	77.001M	5.571379G	5.648381G	Inf	2
83.04M	5.5686G	5.65164G	77.001M	5.571379G	5.648381G	Inf	3
83.64M	5.56836G	5.652G	77.001M	5.571499G	5.648501G	Inf	4

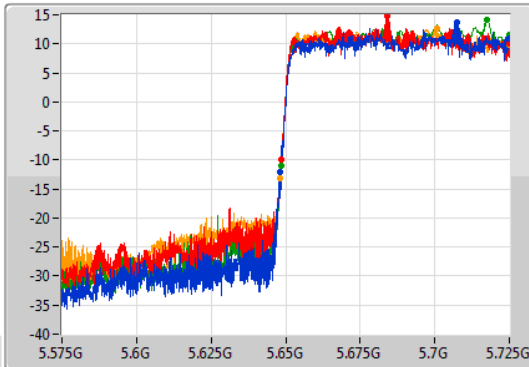
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

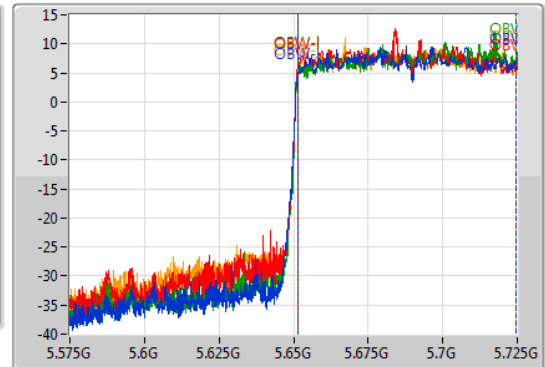
5690MHz Straddle 5.47-5.725GHz

02/12/2019

CF  
5.65GHz  
Span  
150MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.65GHz  
Span  
150MHz  
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
76.8M	5.6482G	5.725G	73.238M	5.651349G	5.724588G	Inf	1
76.575M	5.648425G	5.725G	73.163M	5.651274G	5.724438G	Inf	2
76.425M	5.648575G	5.725G	73.388M	5.651274G	5.724663G	Inf	3
76.95M	5.64805G	5.725G	73.163M	5.651424G	5.724588G	Inf	4

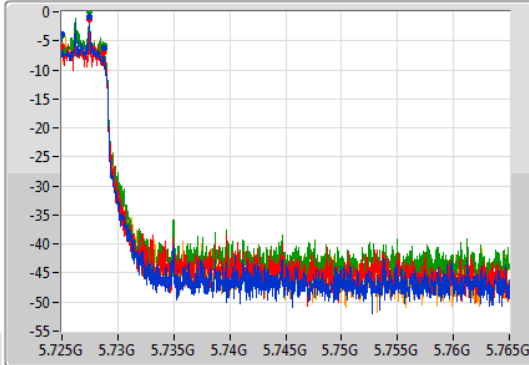
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

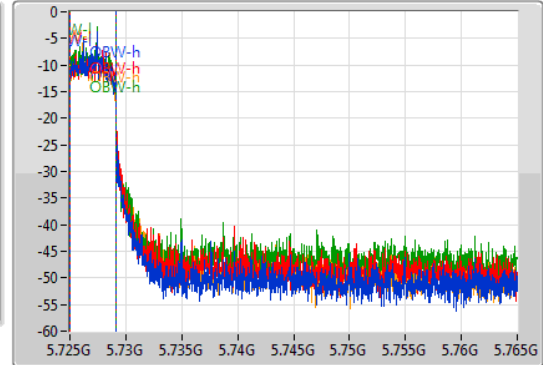
5690MHz Straddle 5.725-5.85GHz

02/12/2019

CF  
5.745GHz  
Span  
40MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
40MHz  
RBW  
50kHz  
VBW  
200kHz  
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
3.74M	5.725G	5.72874G	4.038M	5.72503G	5.729068G	500k	1
3.66M	5.725G	5.72866G	4.078M	5.72501G	5.729088G	500k	2
3.78M	5.725G	5.72878G	4.098M	5.72501G	5.729108G	500k	3
3.78M	5.72502G	5.7288G	4.078M	5.72501G	5.729088G	500k	4

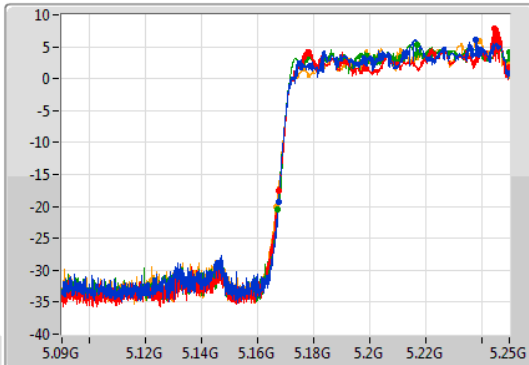
802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

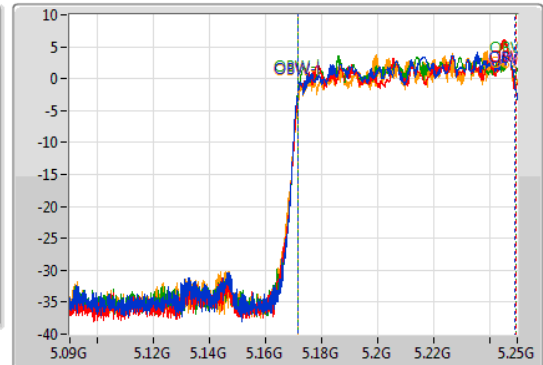
5250MHz Straddle 5.15-5.25GHz

02/12/2019

CF  
5.17GHz  
Span  
160MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.17GHz  
Span  
160MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

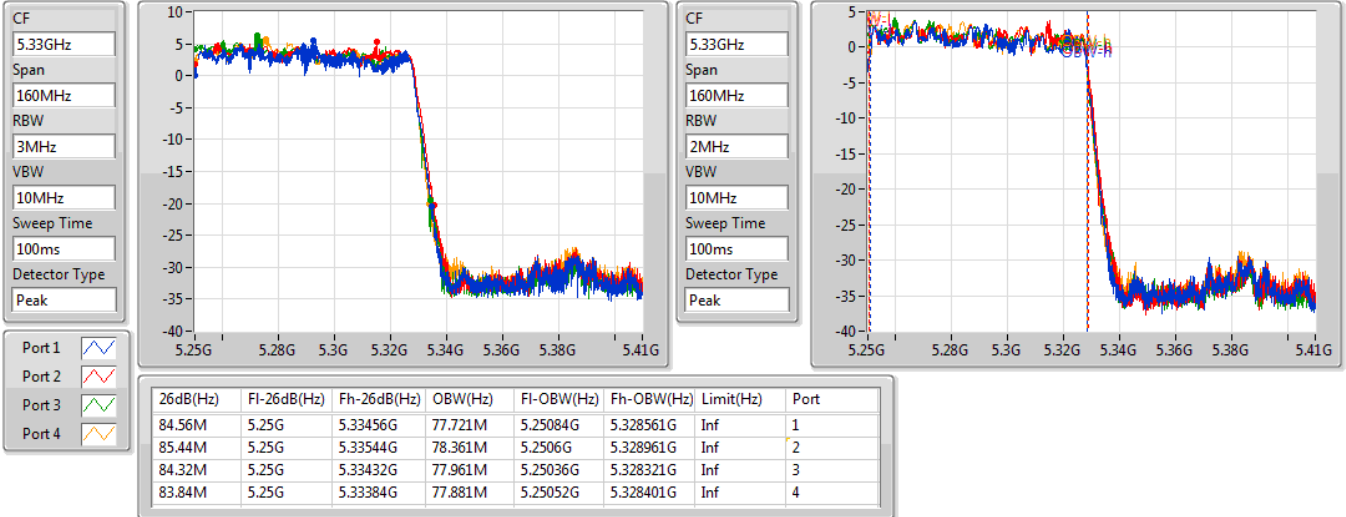
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.64M	5.16736G	5.25G	77.721M	5.171439G	5.24916G	Inf	1
82.4M	5.1676G	5.25G	77.881M	5.171519G	5.2494G	Inf	2
82.96M	5.16704G	5.25G	78.121M	5.171439G	5.24956G	Inf	3
83.2M	5.1668G	5.25G	77.961M	5.171439G	5.2494G	Inf	4

802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019

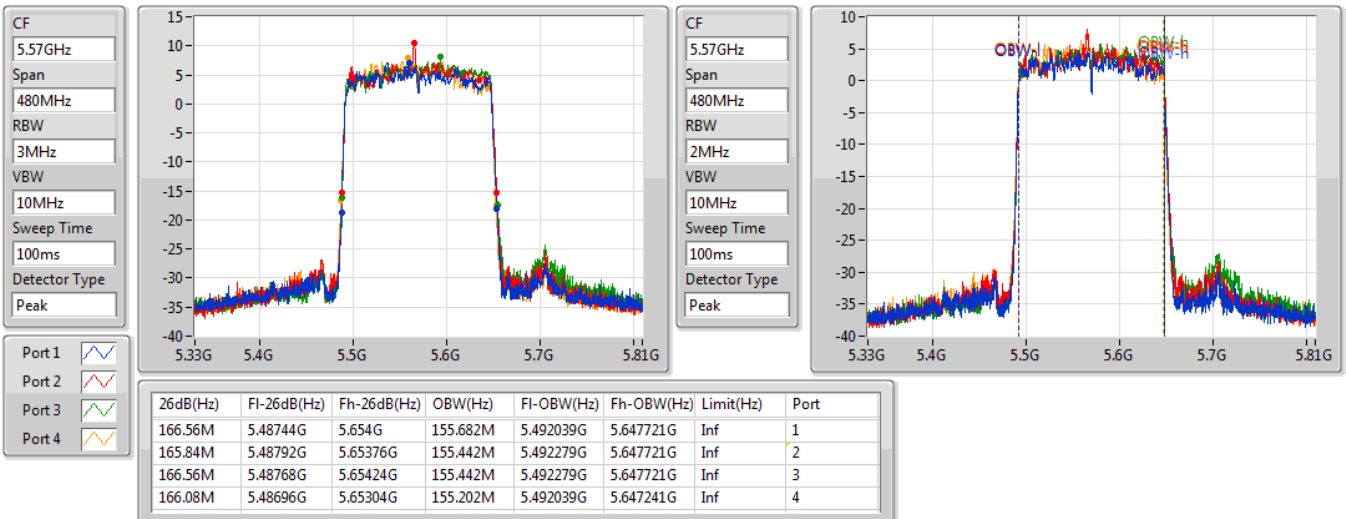


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

5570MHz

02/12/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	39.45M	18.081M	18M1D1D	37.92M	16.732M
802.11ac VHT20_Nss1,(MCS0)_1TX	40.89M	18.321M	18M3D1D	22.47M	17.751M
802.11ac VHT40_Nss1,(MCS0)_1TX	79.62M	36.822M	36M8D1D	40.14M	36.282M
802.11ac VHT80_Nss1,(MCS0)_1TX	81.96M	75.682M	75M7D1D	81.96M	75.682M
802.11ax HEW20_Nss1,(MCS0)_1TX	41.7M	19.34M	19M3D1D	26.55M	19.01M
802.11ax HEW40_Nss1,(MCS0)_1TX	78.96M	38.021M	38M0D1D	39.84M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.08M	77.001M	77M0D1D	82.08M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.65M	16.942M	16M9D1D	21.51M	14.093M
802.11ac VHT20_Nss1,(MCS0)_1TX	35.85M	17.991M	18M0D1D	21.66M	14.858M
802.11ac VHT40_Nss1,(MCS0)_1TX	75.36M	36.522M	36M5D1D	40.2M	33.303M
802.11ac VHT80_Nss1,(MCS0)_1TX	150.84M	76.522M	76M5D1D	81.96M	72.864M
802.11ax HEW20_Nss1,(MCS0)_1TX	40.38M	19.22M	19M2D1D	21.69M	14.648M
802.11ax HEW40_Nss1,(MCS0)_1TX	69.18M	37.841M	37M8D1D	40.08M	33.828M
802.11ax HEW80_Nss1,(MCS0)_1TX	141.72M	77.601M	77M6D1D	82.08M	73.388M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.26M	8.556M	8M56D1D	3.26M	8.556M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.76M	9.555M	9M56D1D	3.76M	9.555M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.14M	20.39M	20M4D1D	3.14M	20.39M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.12M	31.584M	31M6D1D	3.12M	31.584M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.4M	12.354M	12M4D1D	4.4M	12.354M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.76M	22.409M	22M4D1D	3.76M	22.409M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.8M	32.504M	32M5D1D	3.8M	32.504M

**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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	39.45M	18.081M
5300MHz_TnomVnom	Pass	Inf	38.46M	17.241M
5320MHz_TnomVnom	Pass	Inf	37.92M	16.732M
5500MHz_TnomVnom	Pass	Inf	21.6M	16.582M
5580MHz_TnomVnom	Pass	Inf	37.65M	16.942M
5700MHz_TnomVnom	Pass	Inf	21.51M	16.582M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	23.775M	14.093M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.26M	8.556M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	40.89M	18.321M
5300MHz_TnomVnom	Pass	Inf	39.54M	18.261M
5320MHz_TnomVnom	Pass	Inf	22.47M	17.751M
5500MHz_TnomVnom	Pass	Inf	21.69M	17.781M
5580MHz_TnomVnom	Pass	Inf	35.85M	17.991M
5700MHz_TnomVnom	Pass	Inf	21.66M	17.811M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	24.99M	14.858M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.76M	9.555M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	79.62M	36.822M
5310MHz_TnomVnom	Pass	Inf	40.14M	36.282M
5510MHz_TnomVnom	Pass	Inf	40.2M	36.282M
5550MHz_TnomVnom	Pass	Inf	75.36M	36.522M
5670MHz_TnomVnom	Pass	Inf	73.08M	36.462M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	57.33M	33.303M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	20.39M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	81.96M	75.682M
5530MHz_TnomVnom	Pass	Inf	81.96M	75.922M
5610MHz_TnomVnom	Pass	Inf	150.84M	76.522M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	116.55M	72.864M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	31.584M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	41.7M	19.34M
5300MHz_TnomVnom	Pass	Inf	41.19M	19.31M
5320MHz_TnomVnom	Pass	Inf	26.55M	19.01M
5500MHz_TnomVnom	Pass	Inf	22.68M	18.981M
5580MHz_TnomVnom	Pass	Inf	40.38M	19.22M
5700MHz_TnomVnom	Pass	Inf	21.69M	18.981M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	25.14M	14.648M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.4M	12.354M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	78.96M	38.021M
5310MHz_TnomVnom	Pass	Inf	39.84M	37.601M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5510MHz_TnomVnom	Pass	Inf	40.08M	37.421M
5550MHz_TnomVnom	Pass	Inf	69.18M	37.841M
5670MHz_TnomVnom	Pass	Inf	51.24M	37.661M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	50.4M	33.828M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.76M	22.409M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	82.08M	77.001M
5530MHz_TnomVnom	Pass	Inf	82.08M	77.241M
5610MHz_TnomVnom	Pass	Inf	141.72M	77.601M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	108.15M	73.388M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.8M	32.504M

**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
**Port X-OBW** = Port X 99% occupied bandwidth;

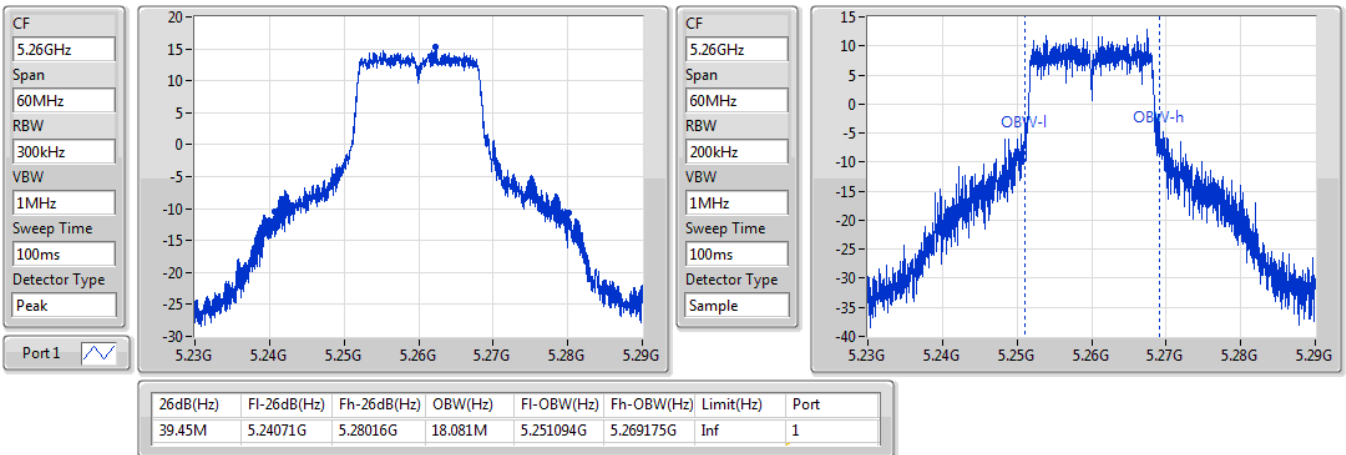


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5260MHz

05/11/2019

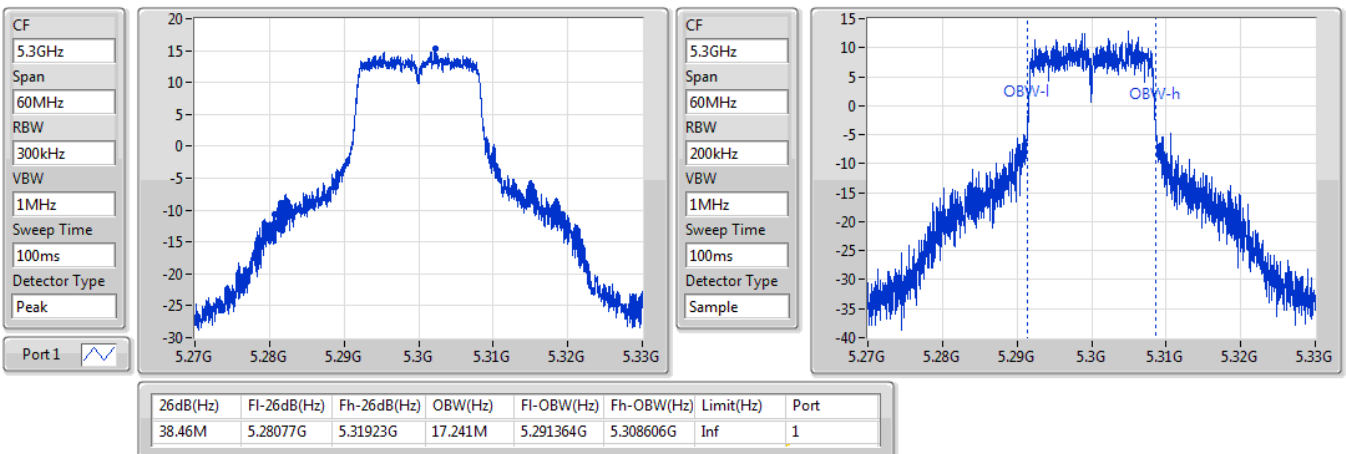


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5300MHz

05/11/2019

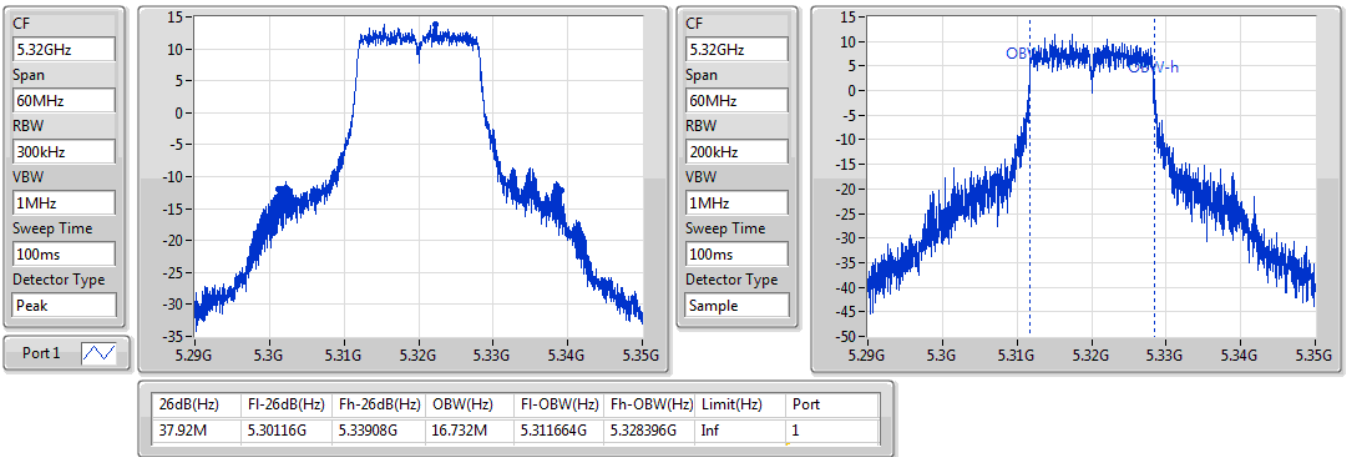


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5320MHz

05/11/2019

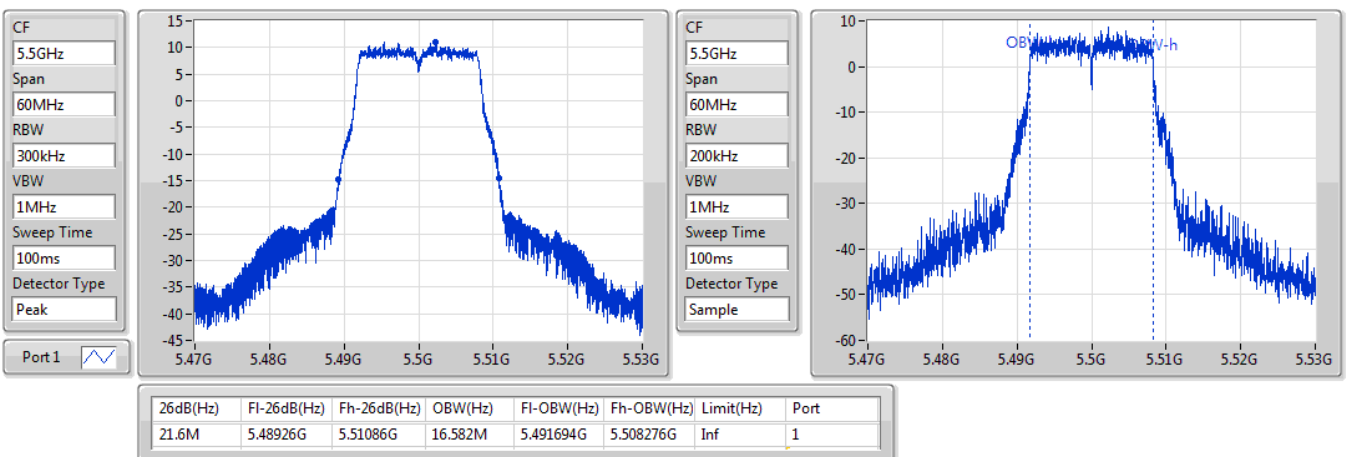


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5500MHz

05/11/2019

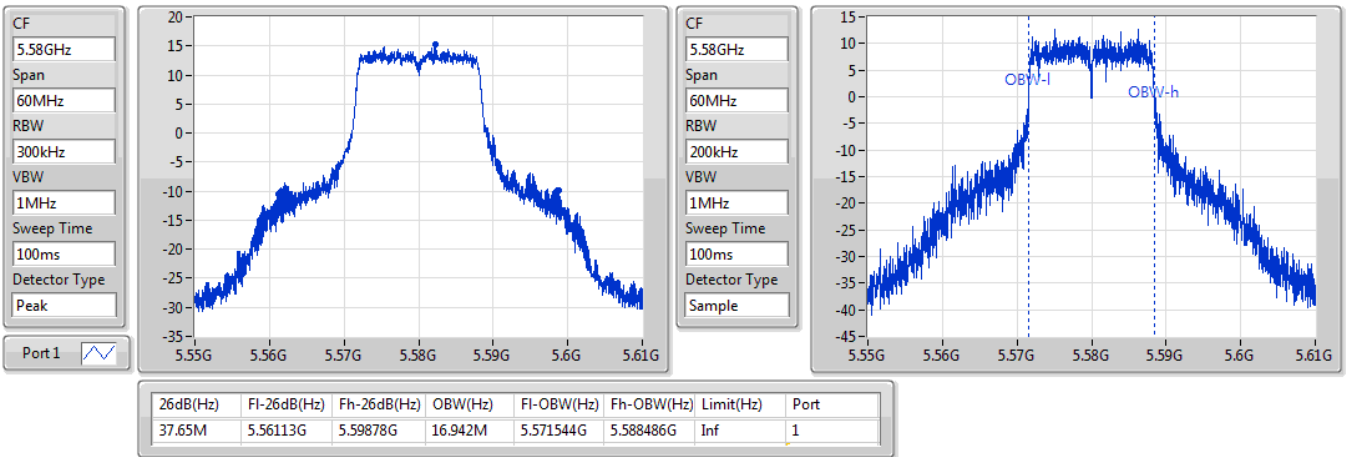


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5580MHz

05/11/2019



802.11a\_Nss1,(6Mbps)\_1TX

EBW

5700MHz

05/11/2019

