

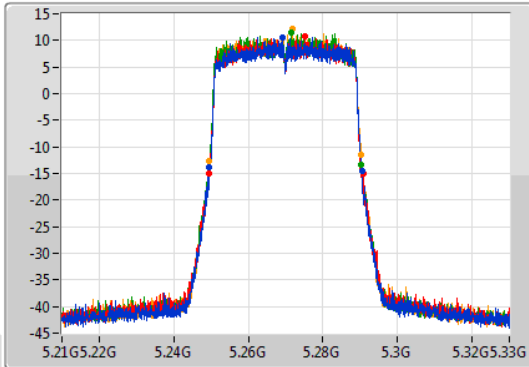
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

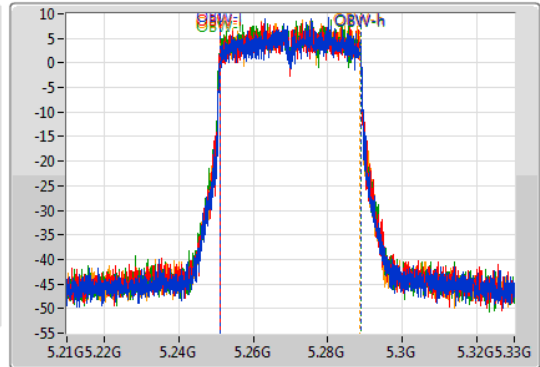
5270MHz

02/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.2493G	5.29058G	37.661M	5.251109G	5.288771G	Inf	1
41.4M	5.24942G	5.29082G	37.661M	5.251109G	5.288771G	Inf	2
40.86M	5.24948G	5.29034G	37.721M	5.251049G	5.288771G	Inf	3
40.74M	5.24954G	5.29028G	37.601M	5.251109G	5.288711G	Inf	4

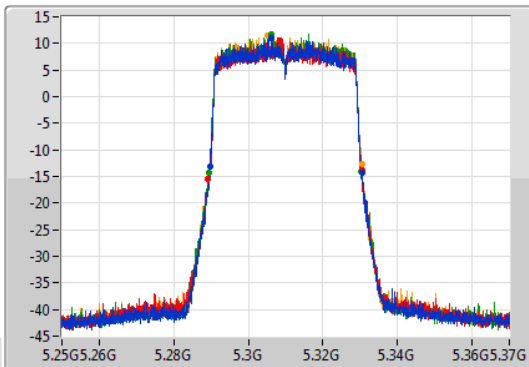
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

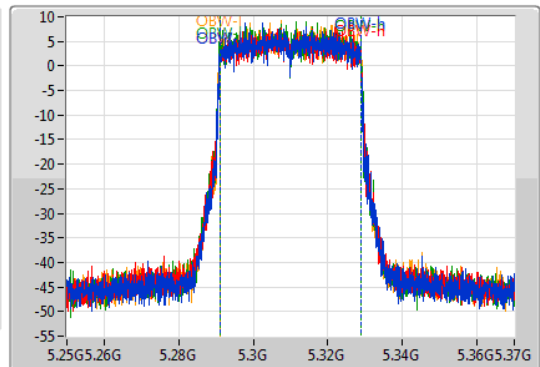
5310MHz

02/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28972G	5.33046G	37.721M	5.291049G	5.328771G	Inf	1
41.34M	5.28912G	5.33046G	37.721M	5.291049G	5.328771G	Inf	2
40.86M	5.28936G	5.33022G	37.781M	5.29099G	5.328771G	Inf	3
41.22M	5.28936G	5.33058G	37.781M	5.291049G	5.328831G	Inf	4

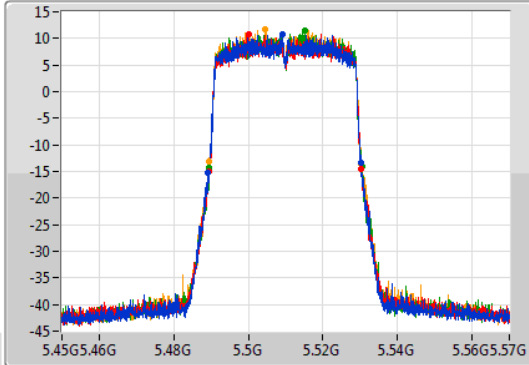
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

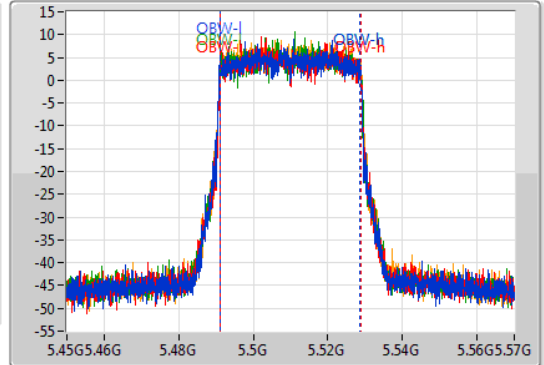
5510MHz

02/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.48918G	5.53022G	37.721M	5.49099G	5.52871G	Inf	1
40.74M	5.4896G	5.53034G	37.721M	5.491109G	5.528831G	Inf	2
40.86M	5.4896G	5.53046G	37.661M	5.491049G	5.528711G	Inf	3
40.86M	5.48942G	5.53028G	37.721M	5.491049G	5.528771G	Inf	4

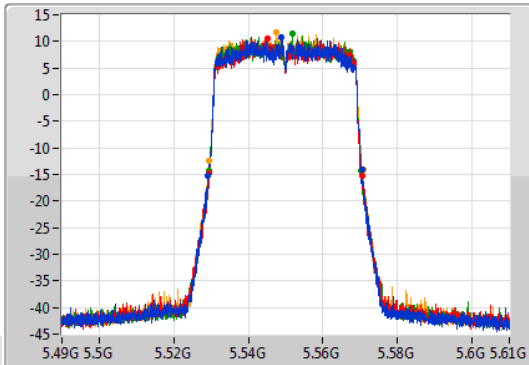
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

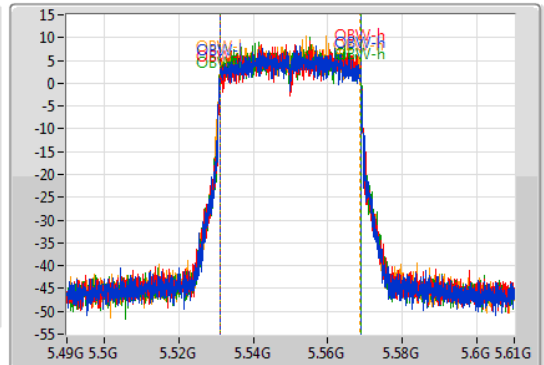
5550MHz

02/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.52924G	5.57046G	37.721M	5.531049G	5.568771G	Inf	1
41.1M	5.52948G	5.57058G	37.661M	5.531109G	5.568771G	Inf	2
40.8M	5.52954G	5.57034G	37.661M	5.531109G	5.568771G	Inf	3
41.52M	5.5293G	5.57082G	37.661M	5.531049G	5.568711G	Inf	4

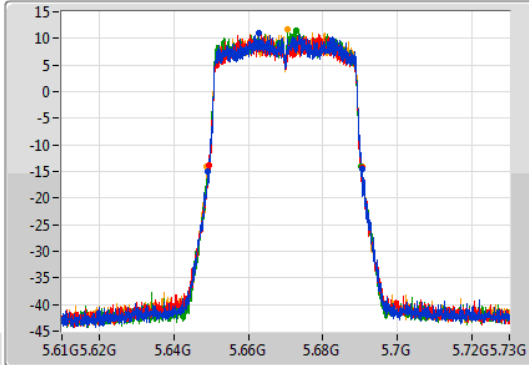
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

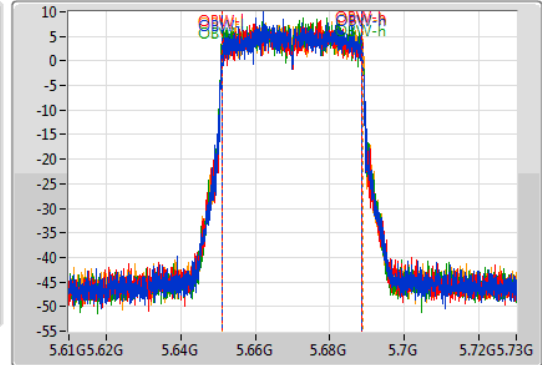
5670MHz

02/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.64924G	5.69052G	37.661M	5.651049G	5.688711G	Inf	1
41.22M	5.64936G	5.69058G	37.601M	5.651109G	5.688711G	Inf	2
40.62M	5.64954G	5.69016G	37.721M	5.65099G	5.688711G	Inf	3
41.76M	5.64876G	5.69052G	37.781M	5.651049G	5.688831G	Inf	4

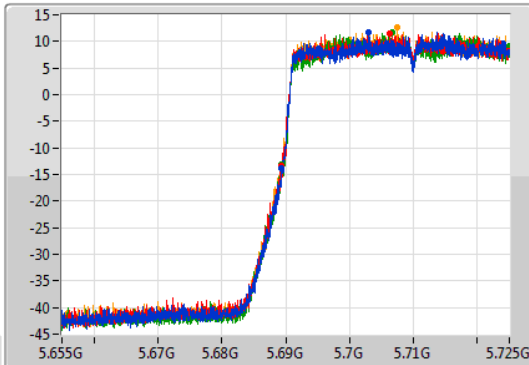
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

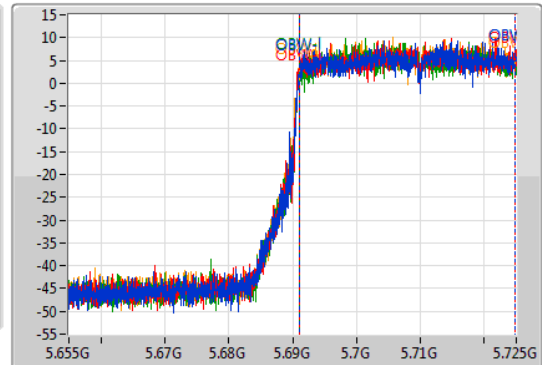
5710MHz Straddle 5.47-5.725GHz

03/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

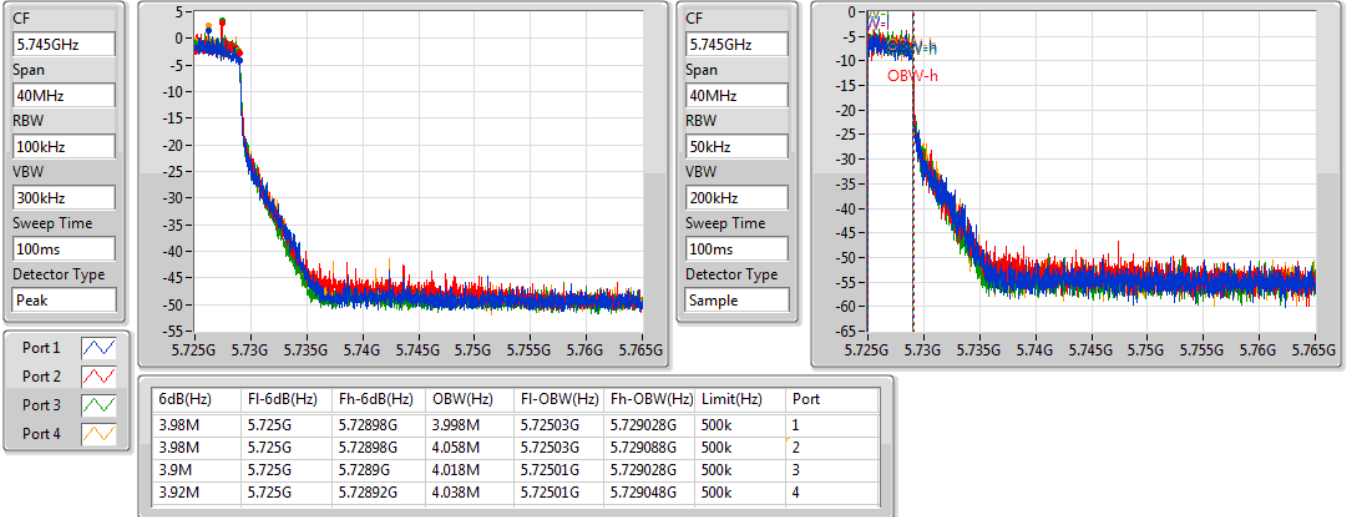
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.6893G	5.725G	33.793M	5.691049G	5.724843G	Inf	1
35.77M	5.68923G	5.725G	33.828M	5.69098G	5.724808G	Inf	2
35.595M	5.689405G	5.725G	33.793M	5.691014G	5.724808G	Inf	3
35.63M	5.68937G	5.725G	33.758M	5.691014G	5.724773G	Inf	4

802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/08/2019

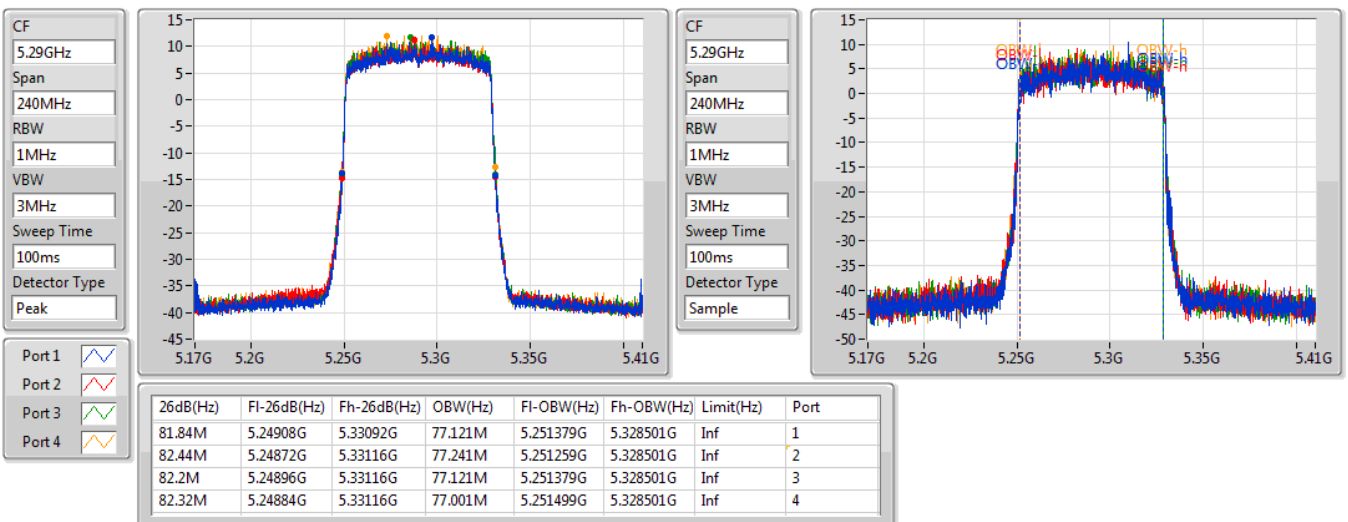


802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5290MHz

03/08/2019



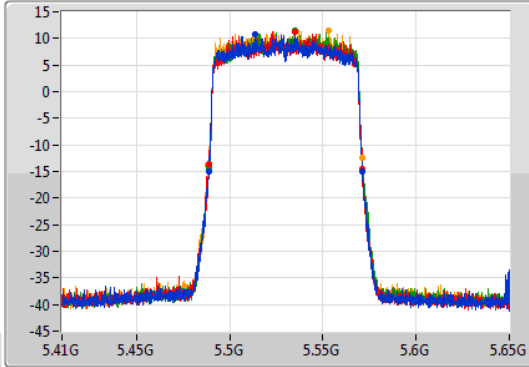
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

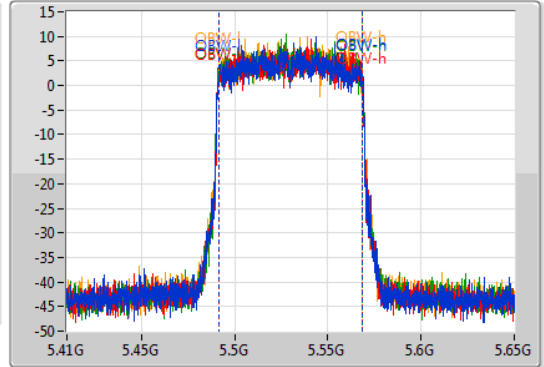
5530MHz

03/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.4886G	5.5714G	77.001M	5.491379G	5.568381G	Inf	1
82.32M	5.48872G	5.57104G	76.642M	5.491499G	5.568141G	Inf	2
82.2M	5.48896G	5.57116G	77.241M	5.491259G	5.568501G	Inf	3
83.04M	5.48812G	5.57116G	77.001M	5.491259G	5.568261G	Inf	4

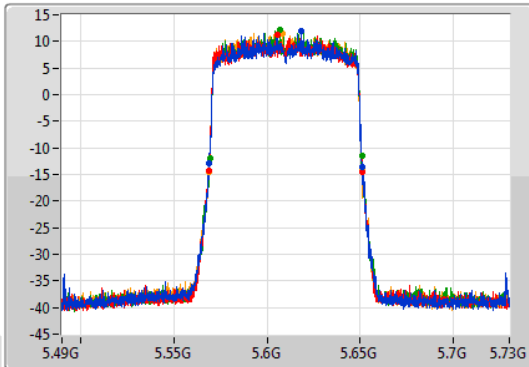
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

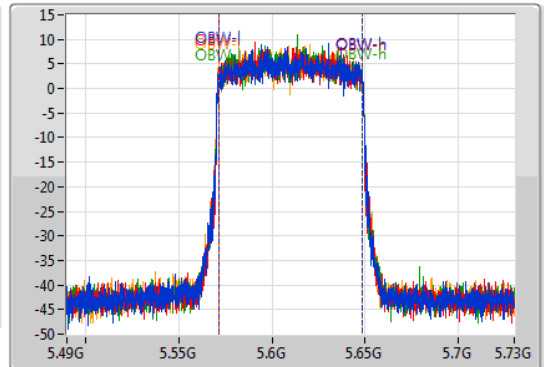
5610MHz

03/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

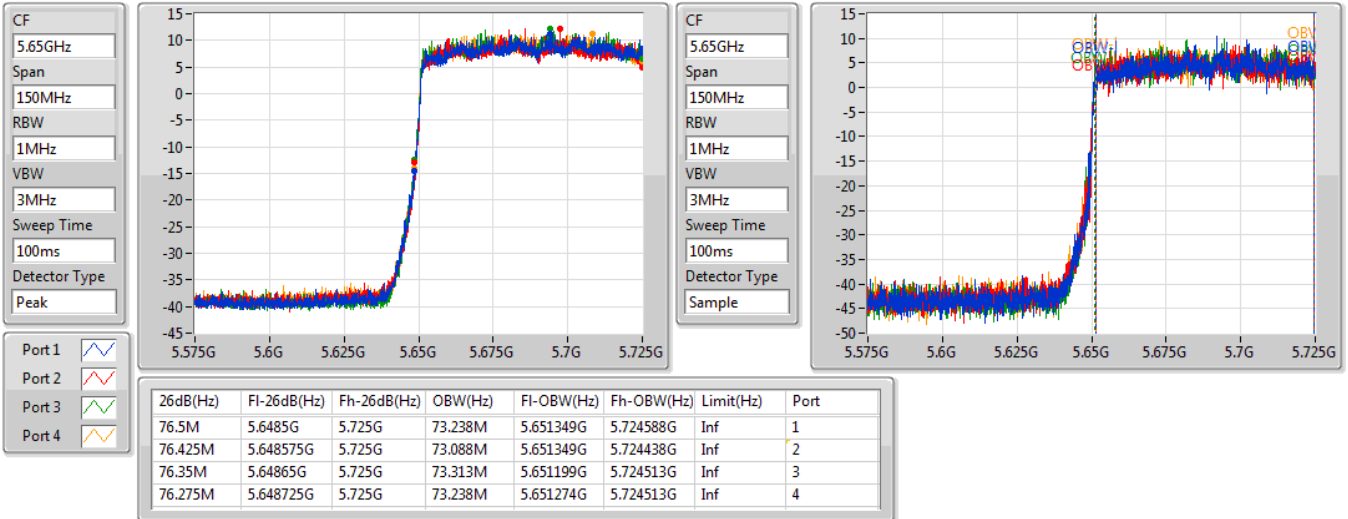
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.56896G	5.6508G	77.241M	5.571259G	5.648501G	Inf	1
82.32M	5.56872G	5.65104G	77.001M	5.571379G	5.648381G	Inf	2
81.72M	5.56932G	5.65104G	76.882M	5.571499G	5.648381G	Inf	3
82.56M	5.56872G	5.65128G	77.241M	5.571259G	5.648501G	Inf	4

802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

03/08/2019

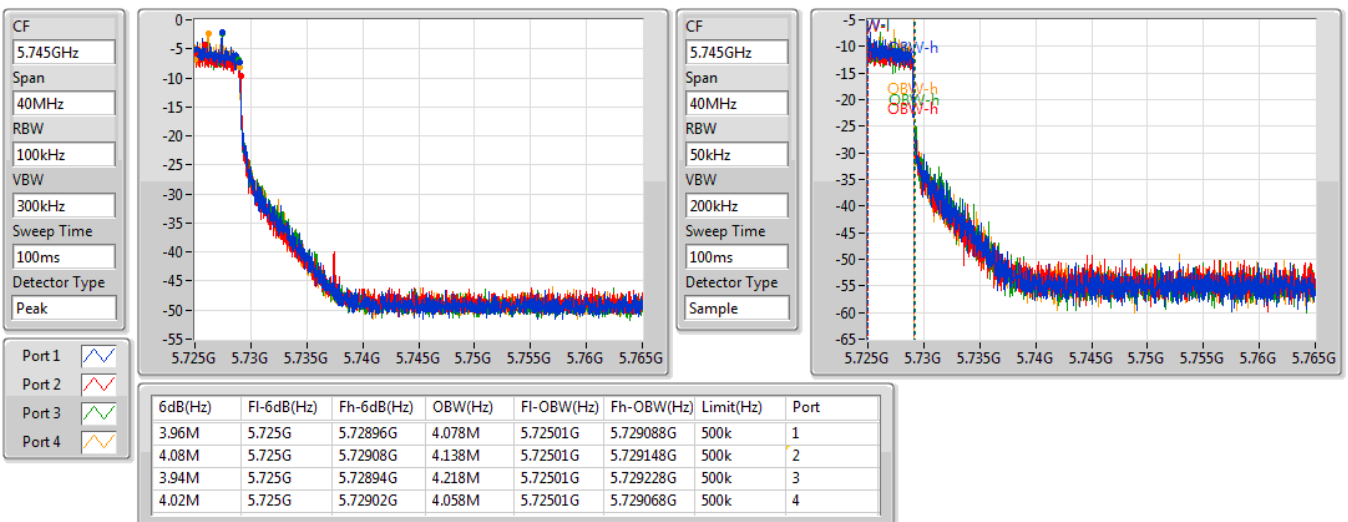


802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/08/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.44M	18.951M	19MOD1D	21.42M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.16M	37.841M	37M8D1D	40.68M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.8M	77.121M	77M1D1D	81.84M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.32M	18.951M	19MOD1D	15.705M	14.468M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.34M	37.781M	37M8D1D	35.455M	33.653M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	83.04M	77.361M	77M4D1D	75.975M	72.939M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.4M	4.498M	4M50D1D	4.24M	4.478M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.08M	4.138M	4M14D1D	3.94M	4.058M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.06M	4.418M	4M42D1D	3.88M	4.158M

**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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.66M	18.891M	21.42M	18.891M	21.87M	18.951M	21.63M	18.891M
5300MHz	Pass	Inf	21.63M	18.891M	21.63M	18.891M	21.84M	18.951M	21.42M	18.921M
5320MHz	Pass	Inf	21.6M	18.891M	21.69M	18.921M	21.6M	18.891M	22.44M	18.951M
5500MHz	Pass	Inf	22.32M	18.951M	21.33M	18.951M	21.93M	18.951M	21.75M	18.891M
5580MHz	Pass	Inf	21.93M	18.921M	21.45M	18.861M	21.75M	18.891M	21.48M	18.891M
5700MHz	Pass	Inf	21.6M	18.921M	21.84M	18.951M	21.42M	18.921M	21.6M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	14.483M	16.245M	14.513M	15.705M	14.468M	16.125M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.34M	4.498M	4.24M	4.498M	4.4M	4.478M	4.38M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.04M	37.841M	41.1M	37.721M	40.92M	37.721M	40.92M	37.781M
5310MHz	Pass	Inf	40.8M	37.661M	41.16M	37.721M	40.68M	37.661M	40.8M	37.721M
5510MHz	Pass	Inf	41.28M	37.661M	40.62M	37.661M	40.62M	37.721M	41.34M	37.721M
5550MHz	Pass	Inf	41.04M	37.781M	40.92M	37.661M	41.22M	37.721M	40.98M	37.721M
5670MHz	Pass	Inf	40.86M	37.721M	41.28M	37.721M	40.92M	37.541M	41.1M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.525M	33.758M	35.63M	33.653M	35.525M	33.793M	35.455M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.078M	4.06M	4.098M	3.94M	4.138M	3.96M	4.058M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.001M	82.2M	76.882M	82.8M	77.121M	81.84M	77.121M
5530MHz	Pass	Inf	82.2M	77.121M	81.84M	77.001M	81.96M	77.001M	82.56M	77.001M
5610MHz	Pass	Inf	82.2M	77.361M	81.84M	77.121M	82.56M	77.121M	83.04M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.238M	76.35M	72.939M	76.425M	73.388M	76.275M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.218M	4M	4.338M	3.94M	4.418M	3.88M	4.158M

**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;

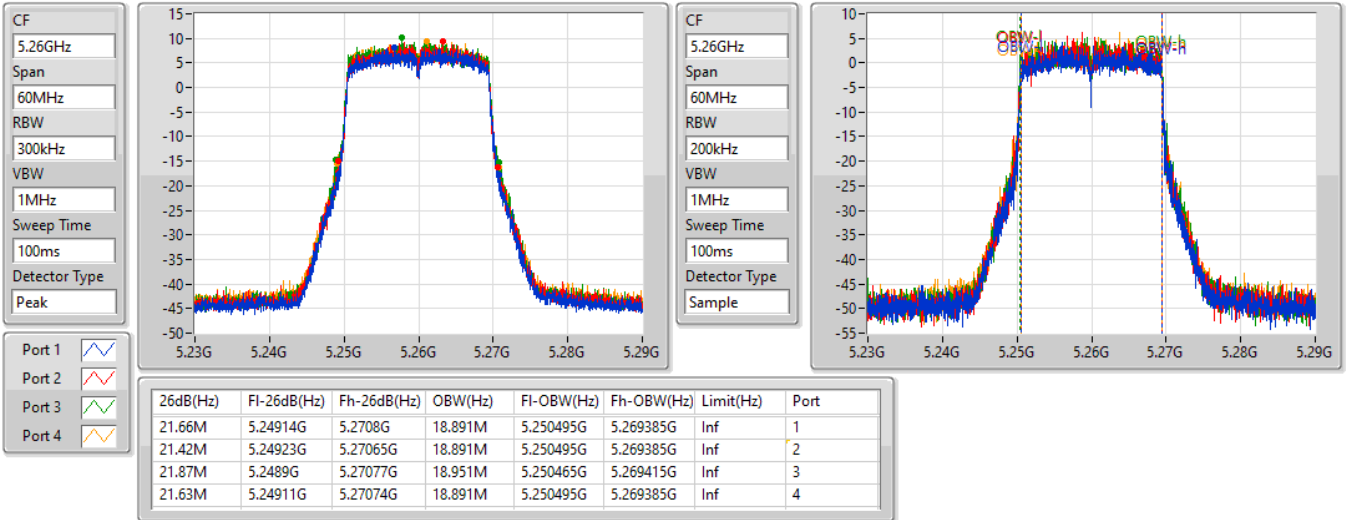


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5260MHz

01/08/2023

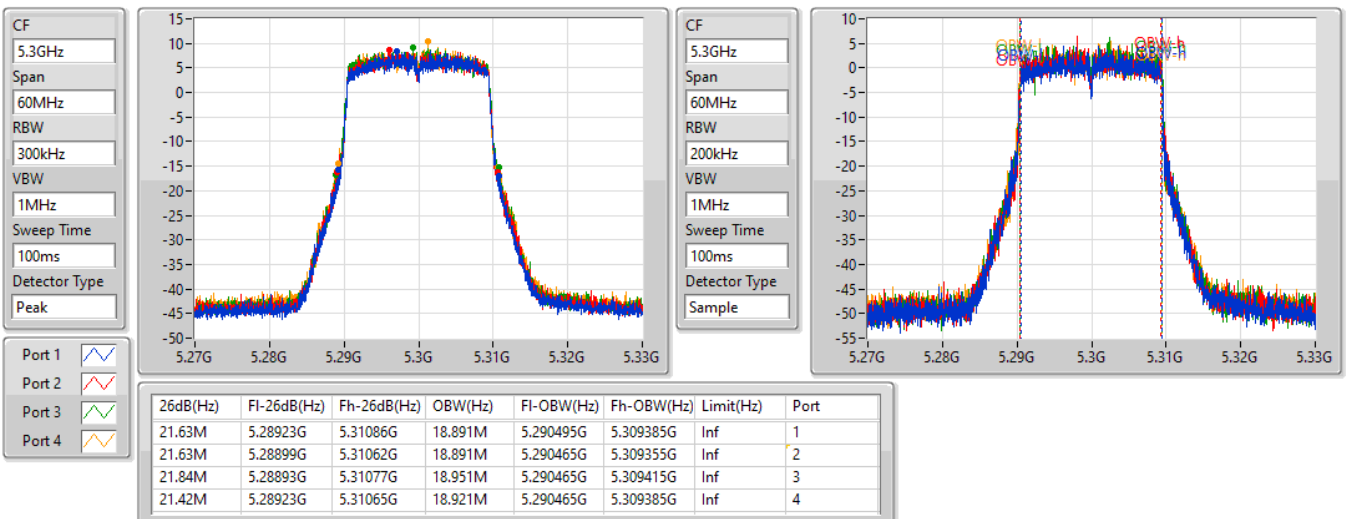


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5300MHz

01/08/2023



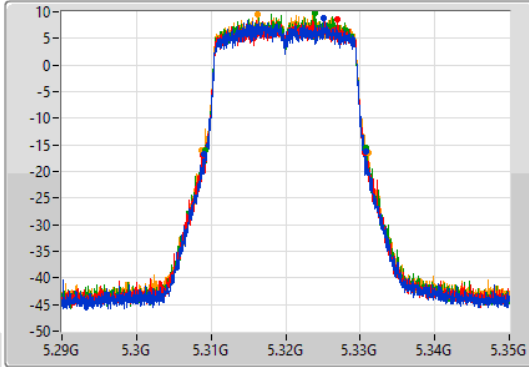
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

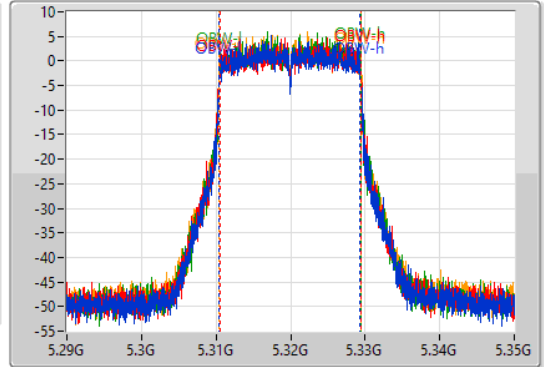
5320MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.30911G	5.33071G	18.891M	5.310465G	5.329355G	Inf	1
21.69M	5.3089G	5.33059G	18.921M	5.310495G	5.329415G	Inf	2
21.6M	5.30917G	5.33077G	18.891M	5.310495G	5.329385G	Inf	3
22.44M	5.30875G	5.33119G	18.951M	5.310465G	5.329415G	Inf	4

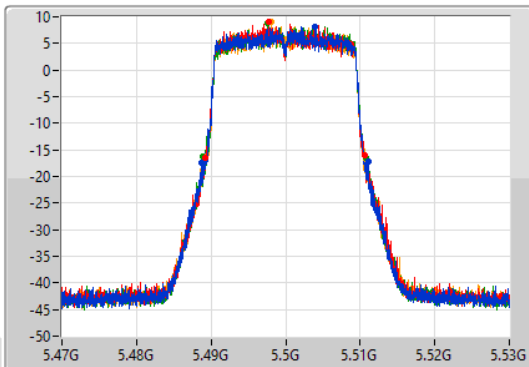
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

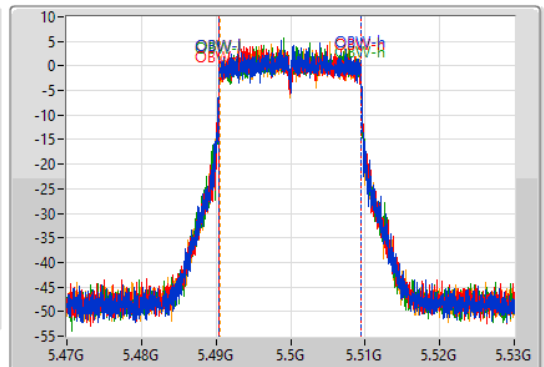
5500MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.32M	5.48872G	5.51104G	18.951M	5.490465G	5.509415G	Inf	1
21.33M	5.48923G	5.51056G	18.951M	5.490465G	5.509415G	Inf	2
21.93M	5.4889G	5.51083G	18.951M	5.490465G	5.509415G	Inf	3
21.75M	5.48905G	5.5108G	18.891M	5.490495G	5.509385G	Inf	4

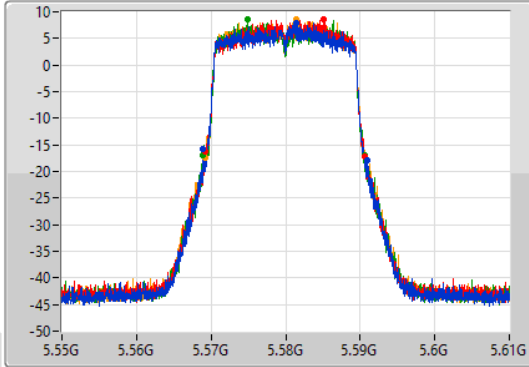
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

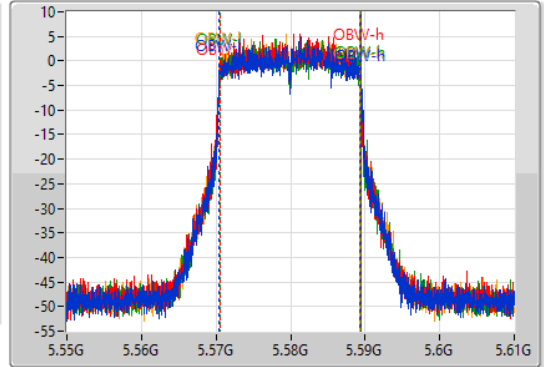
5580MHz

01/08/2023

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.56896G	5.59089G	18.921M	5.570465G	5.589385G	Inf	1
21.45M	5.5692G	5.59065G	18.861M	5.570495G	5.589355G	Inf	2
21.75M	5.5689G	5.59065G	18.891M	5.570495G	5.589385G	Inf	3
21.48M	5.5692G	5.59068G	18.891M	5.570465G	5.589355G	Inf	4

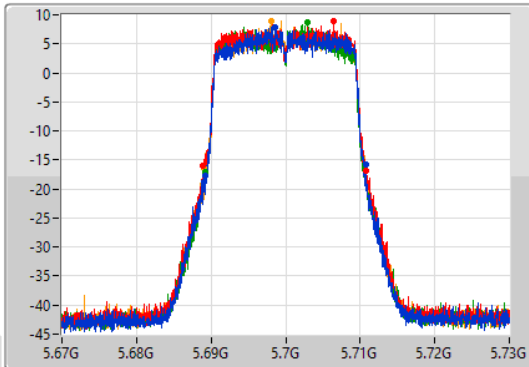
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

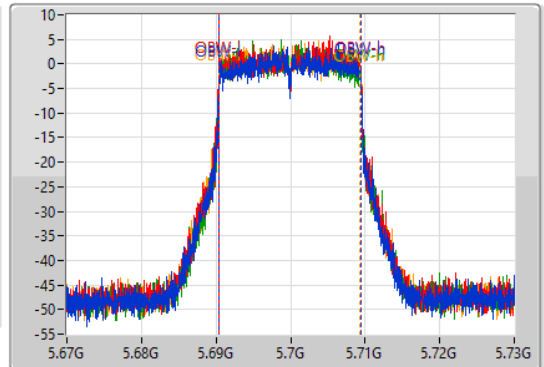
5700MHz

01/08/2023

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



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



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

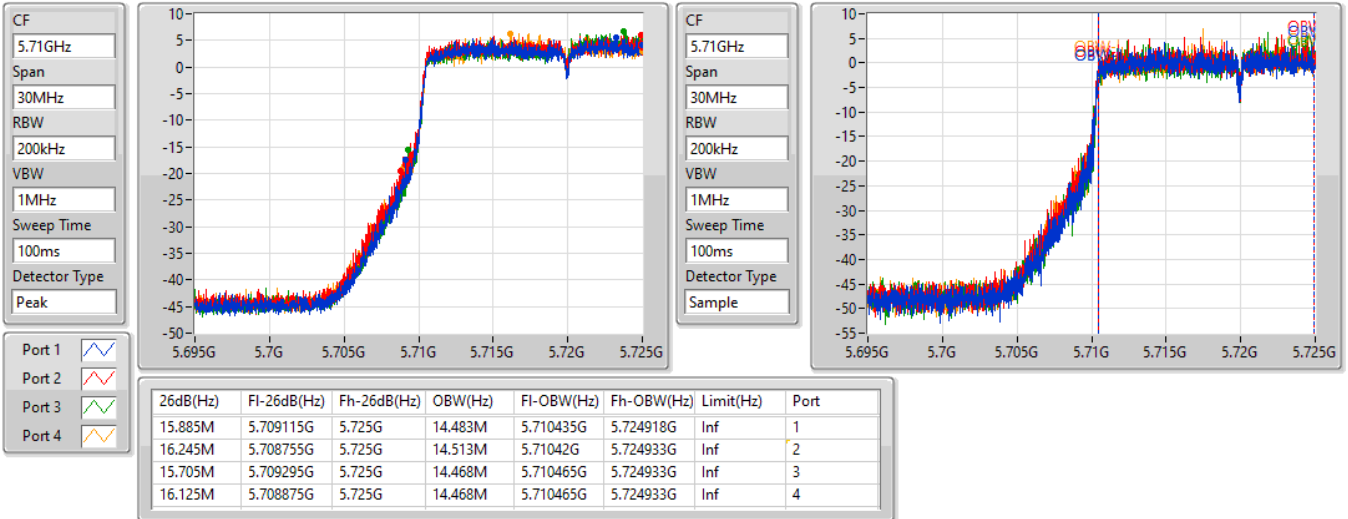
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.68914G	5.71074G	18.921M	5.690465G	5.709385G	Inf	1
21.84M	5.68893G	5.71077G	18.951M	5.690465G	5.709415G	Inf	2
21.42M	5.6892G	5.71062G	18.921M	5.690465G	5.709385G	Inf	3
21.6M	5.68908G	5.71068G	18.891M	5.690465G	5.709355G	Inf	4

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

EBW

5720MHz Straddle 5.47-5.725GHz

01/08/2023

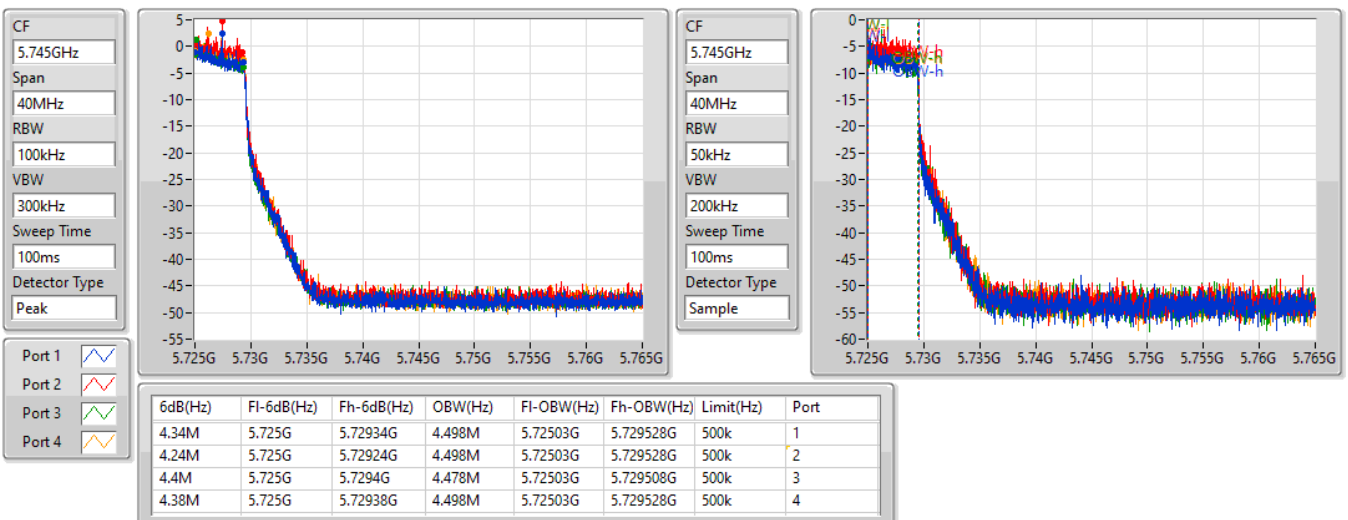


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2023



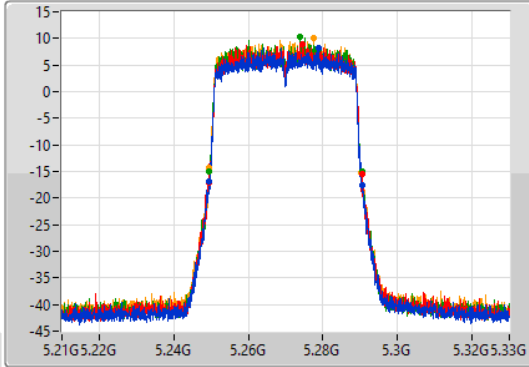
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

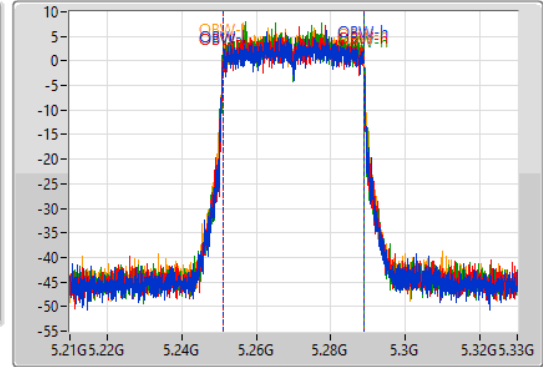
5270MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.24954G	5.29058G	37.841M	5.251049G	5.288891G	Inf	1
41.1M	5.24942G	5.29052G	37.721M	5.251049G	5.288771G	Inf	2
40.92M	5.24954G	5.29046G	37.721M	5.251049G	5.288771G	Inf	3
40.92M	5.24942G	5.29034G	37.781M	5.251049G	5.288831G	Inf	4

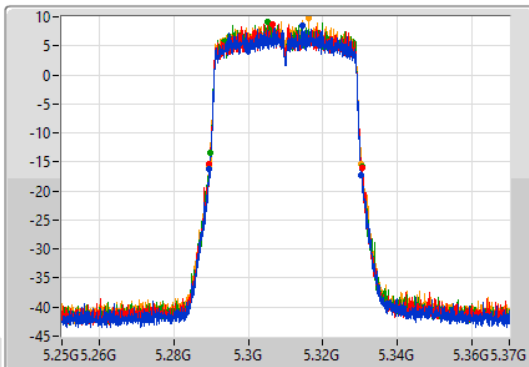
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

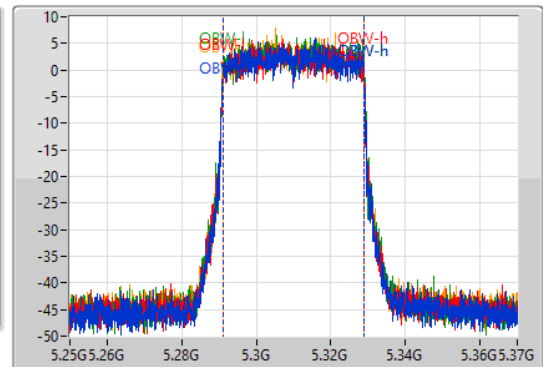
5310MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.28954G	5.33034G	37.661M	5.291109G	5.328771G	Inf	1
41.16M	5.28948G	5.33064G	37.721M	5.291049G	5.328771G	Inf	2
40.68M	5.28972G	5.3304G	37.661M	5.291109G	5.328771G	Inf	3
40.8M	5.28954G	5.33034G	37.721M	5.291049G	5.328771G	Inf	4

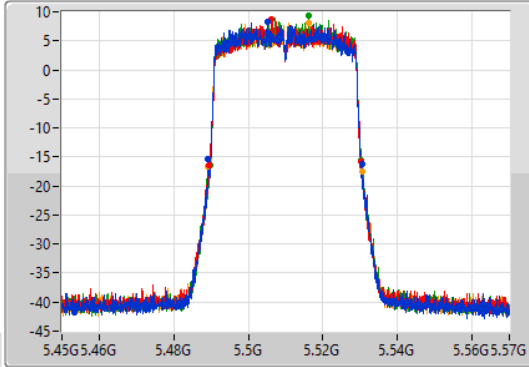
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

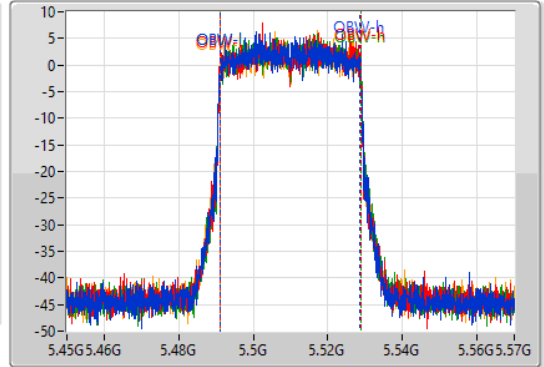
5510MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.48918G	5.53046G	37.661M	5.491049G	5.528711G	Inf	1
40.62M	5.4896G	5.53022G	37.661M	5.491109G	5.528771G	Inf	2
40.62M	5.48972G	5.53034G	37.721M	5.491109G	5.528831G	Inf	3
41.34M	5.48912G	5.53046G	37.721M	5.491049G	5.528771G	Inf	4

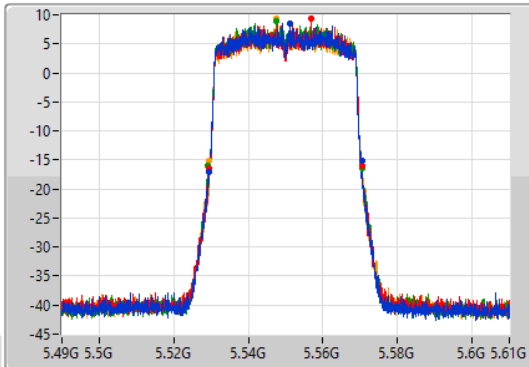
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

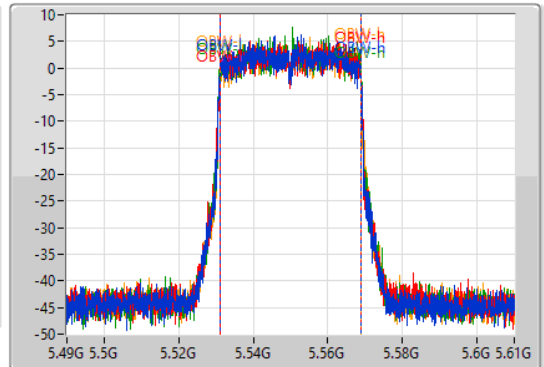
5550MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.52936G	5.5704G	37.781M	5.531049G	5.568831G	Inf	1
40.92M	5.5296G	5.57052G	37.661M	5.531109G	5.568771G	Inf	2
41.22M	5.52924G	5.57046G	37.721M	5.531049G	5.568771G	Inf	3
40.98M	5.52942G	5.5704G	37.721M	5.531049G	5.568771G	Inf	4

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

EBW

5670MHz

01/08/2023

CF  
5.67GHz

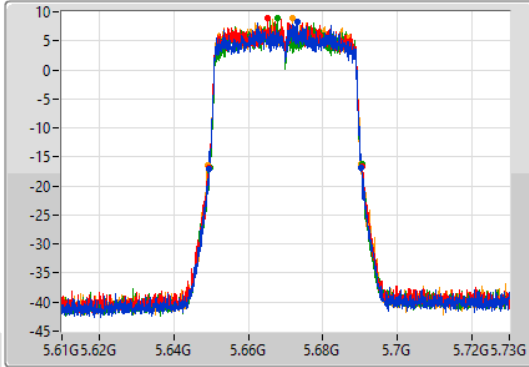
Span  
120MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.67GHz

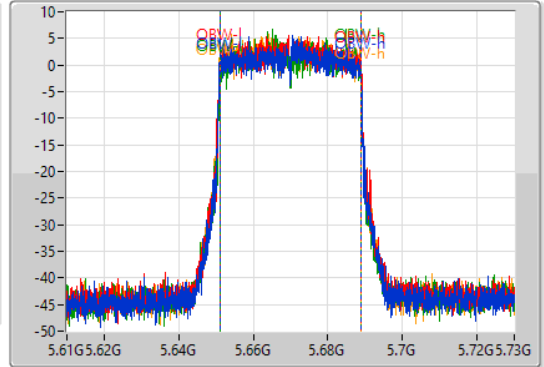
Span  
120MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.64948G	5.69034G	37.721M	5.651049G	5.688771G	Inf	1
41.28M	5.64942G	5.6907G	37.721M	5.651049G	5.688771G	Inf	2
40.92M	5.64966G	5.69058G	37.541M	5.651229G	5.688771G	Inf	3
41.1M	5.64924G	5.69034G	37.781M	5.65099G	5.688771G	Inf	4

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

EBW

5710MHz Straddle 5.47-5.725GHz

01/08/2023

CF  
5.69GHz

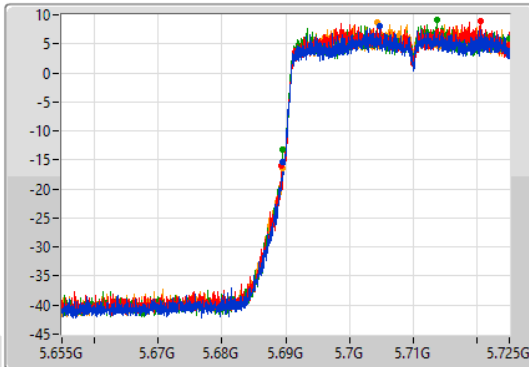
Span  
70MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
5.69GHz

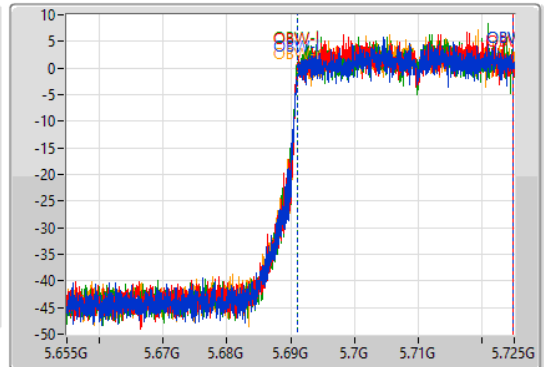
Span  
70MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.525M	5.689475G	5.725G	33.758M	5.691049G	5.724808G	Inf	1
35.63M	5.68937G	5.725G	33.653M	5.691119G	5.724773G	Inf	2
35.525M	5.689475G	5.725G	33.793M	5.69098G	5.724773G	Inf	3
35.455M	5.689545G	5.725G	33.758M	5.691049G	5.724808G	Inf	4

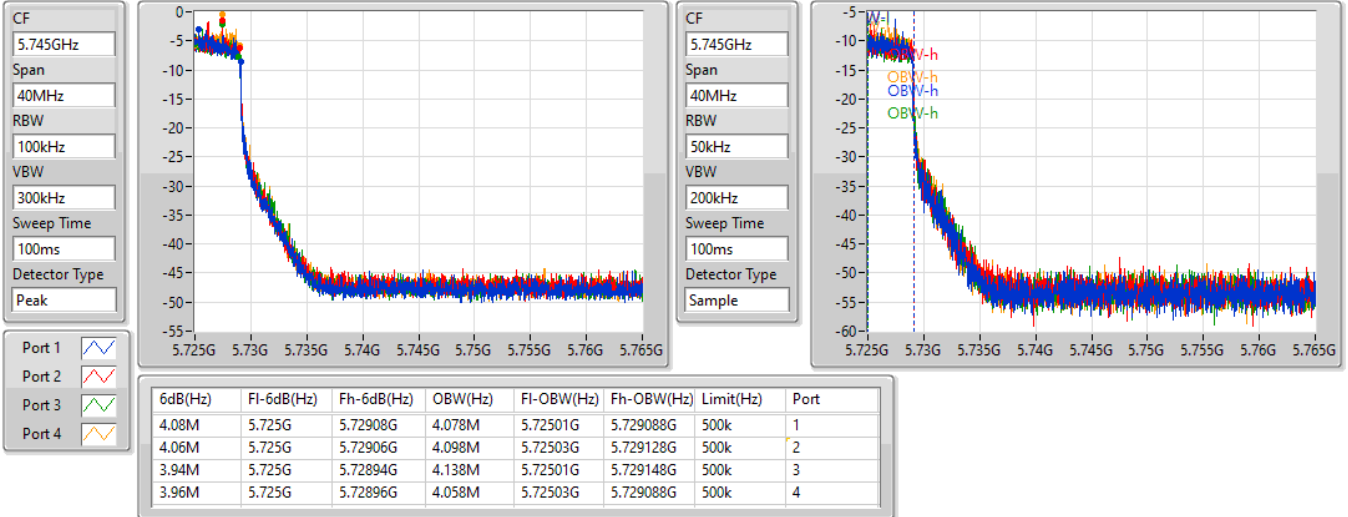


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

01/08/2023

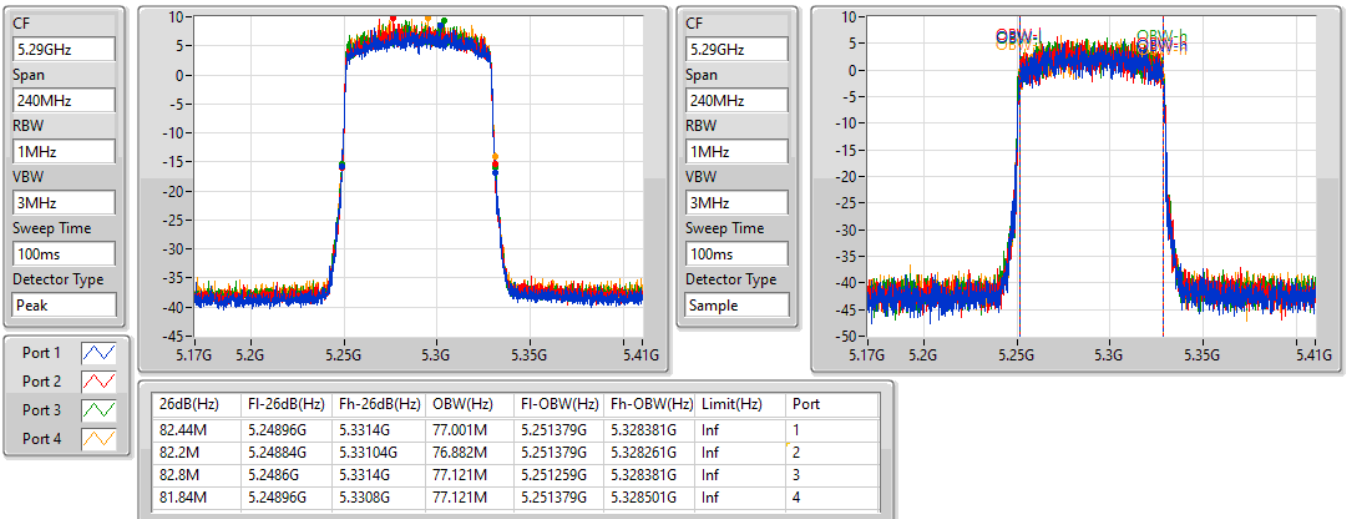


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5290MHz

01/08/2023





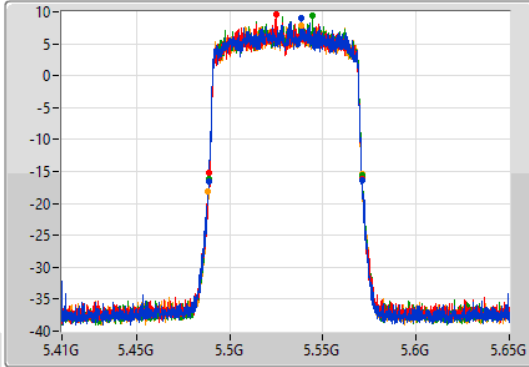
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

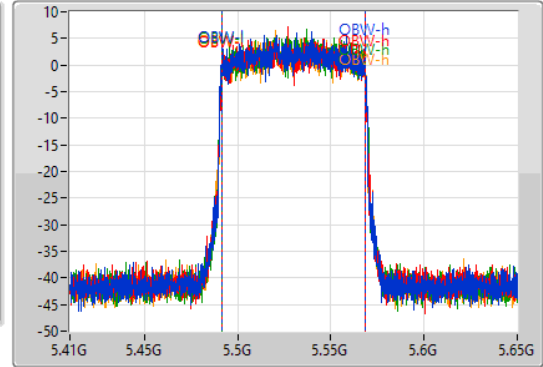
5530MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48872G	5.57092G	77.121M	5.491259G	5.568381G	Inf	1
81.84M	5.48896G	5.5708G	77.001M	5.491379G	5.568381G	Inf	2
81.96M	5.48908G	5.57104G	77.001M	5.491379G	5.568381G	Inf	3
82.56M	5.48848G	5.57104G	77.001M	5.491379G	5.568381G	Inf	4

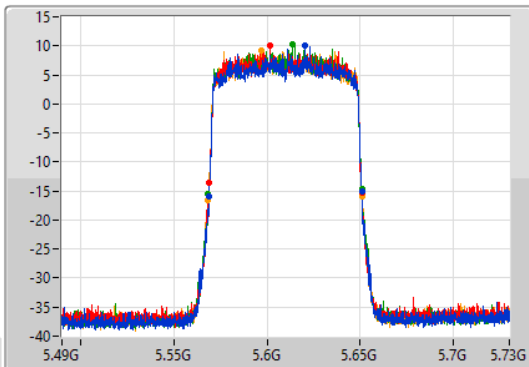
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

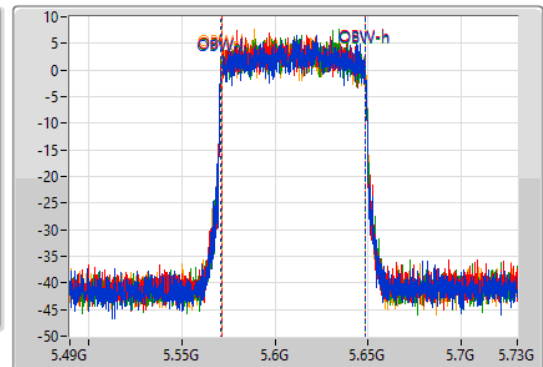
5610MHz

01/08/2023

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



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



Port 1  
Port 2  
Port 3  
Port 4

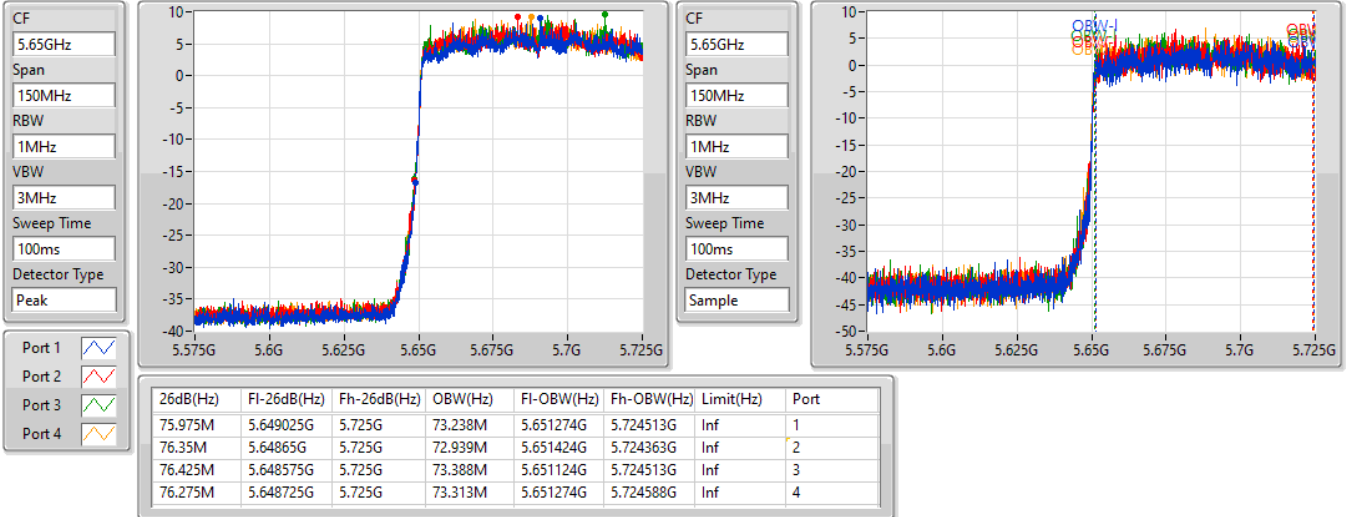
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56872G	5.65092G	77.361M	5.571139G	5.648501G	Inf	1
81.84M	5.56896G	5.6508G	77.121M	5.571259G	5.648381G	Inf	2
82.56M	5.56824G	5.6508G	77.121M	5.571259G	5.648381G	Inf	3
83.04M	5.56812G	5.65116G	77.121M	5.571259G	5.648381G	Inf	4

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

EBW

5690MHz Straddle 5.47-5.725GHz

01/08/2023

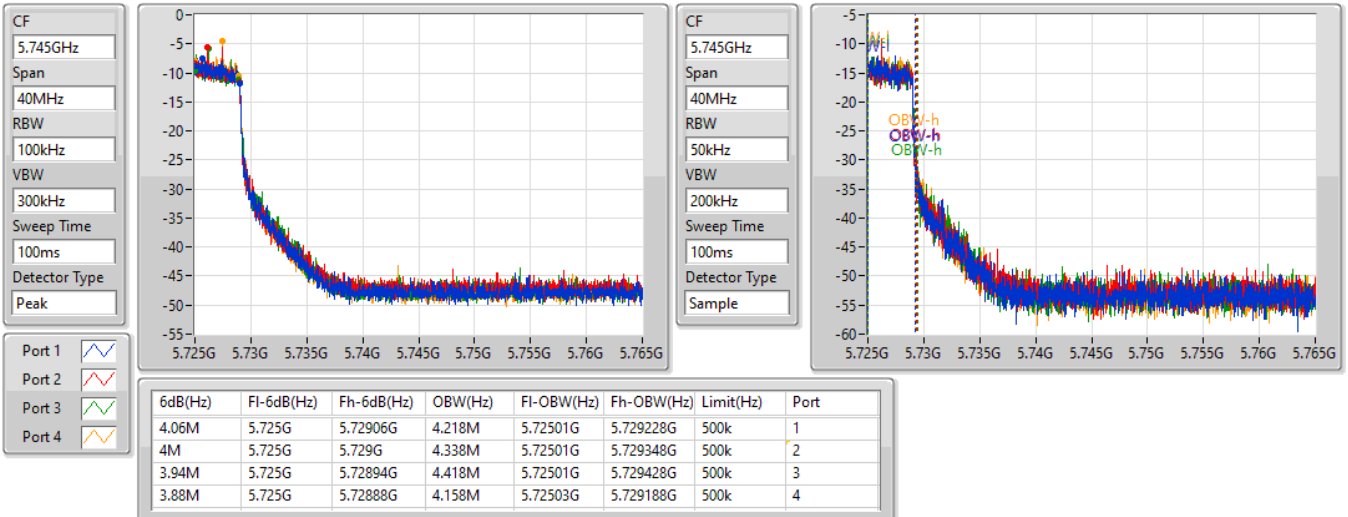


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/08/2023



**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	20.64M	16.402M	16M4D1D	20.49M	16.372M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.08M	18.921M	18M9D1D	21.75M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.58M	37.721M	37M7D1D	41.28M	37.661M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.2M	76.882M	76M9D1D	82.2M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.76M	16.432M	16M4D1D	15.375M	13.238M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.26M	18.951M	19M0D1D	17.055M	14.498M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.34M	37.781M	37M8D1D	36.12M	33.758M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.68M	77.121M	77M1D1D	76.35M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.718M	3M72D1D	3.1M	3.718M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.4M	4.598M	4M60D1D	4.4M	4.598M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.98M	8.916M	8M92D1D	3.98M	8.916M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.9M	21.929M	21M9D1D	3.9M	21.929M

**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	Pass	Inf	20.58M	16.372M
5300MHz	Pass	Inf	20.49M	16.402M
5320MHz	Pass	Inf	20.64M	16.372M
5500MHz	Pass	Inf	20.61M	16.402M
5580MHz	Pass	Inf	20.55M	16.402M
5700MHz	Pass	Inf	20.76M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.375M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.718M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	21.9M	18.891M
5300MHz	Pass	Inf	22.08M	18.861M
5320MHz	Pass	Inf	21.75M	18.921M
5500MHz	Pass	Inf	21.39M	18.921M
5580MHz	Pass	Inf	22.14M	18.951M
5700MHz	Pass	Inf	22.26M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.055M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	4.598M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	41.28M	37.721M
5310MHz	Pass	Inf	41.58M	37.661M
5510MHz	Pass	Inf	41.34M	37.721M
5550MHz	Pass	Inf	41.34M	37.661M
5670MHz	Pass	Inf	41.16M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.12M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	8.916M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.2M	76.882M
5530MHz	Pass	Inf	82.44M	77.121M
5610MHz	Pass	Inf	82.68M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	21.929M

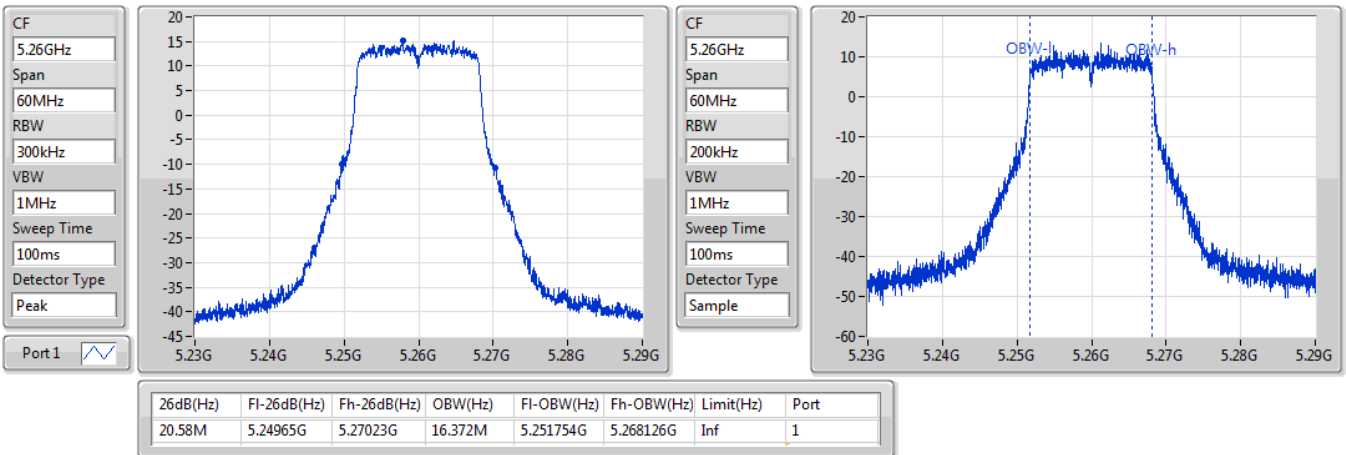
**Port X-N dB** = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
**Port X-OBW** = Port X 99% occupied bandwidth;

802.11a\_Nss1,(6Mbps)\_1TX

EBW

5260MHz

02/08/2019

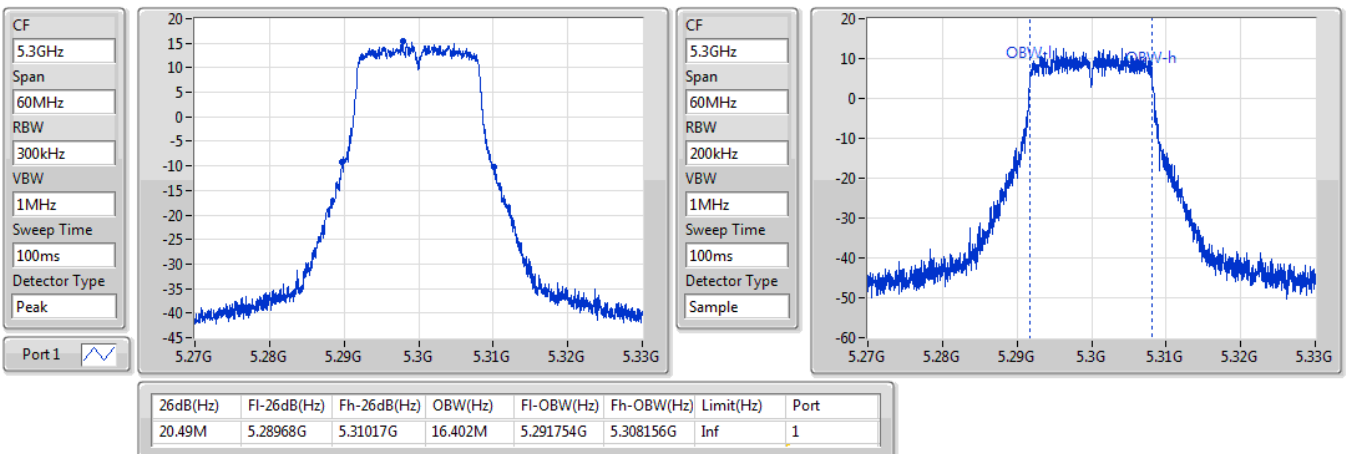


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5300MHz

02/08/2019



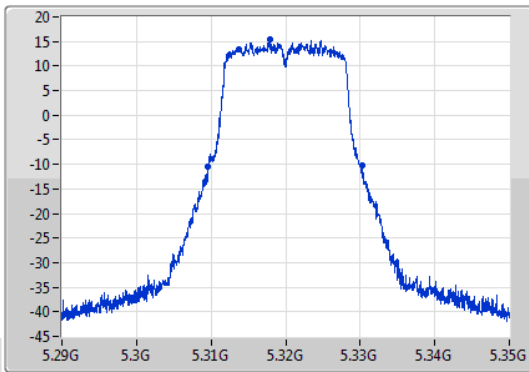
802.11a\_Nss1,(6Mbps)\_1TX

EBW

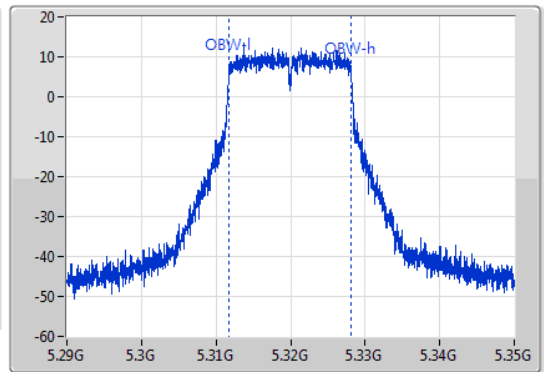
5320MHz

02/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.30962G	5.33026G	16.372M	5.311754G	5.328126G	Inf	1

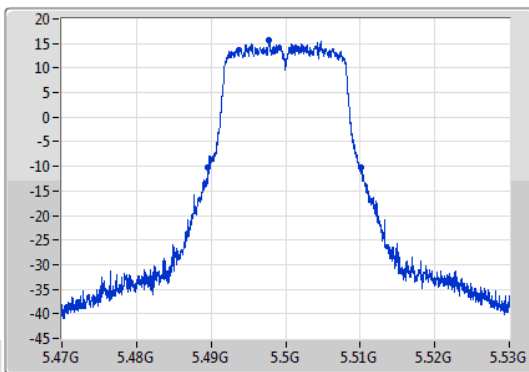
802.11a\_Nss1,(6Mbps)\_1TX

EBW

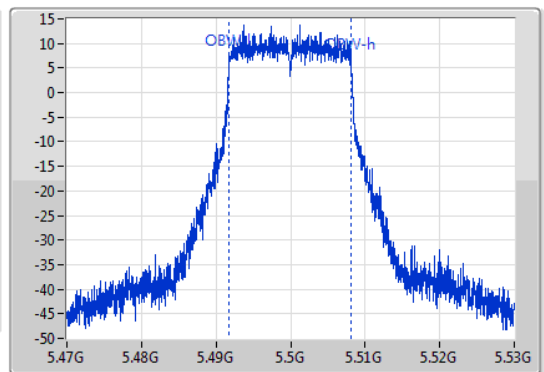
5500MHz

02/08/2019

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



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



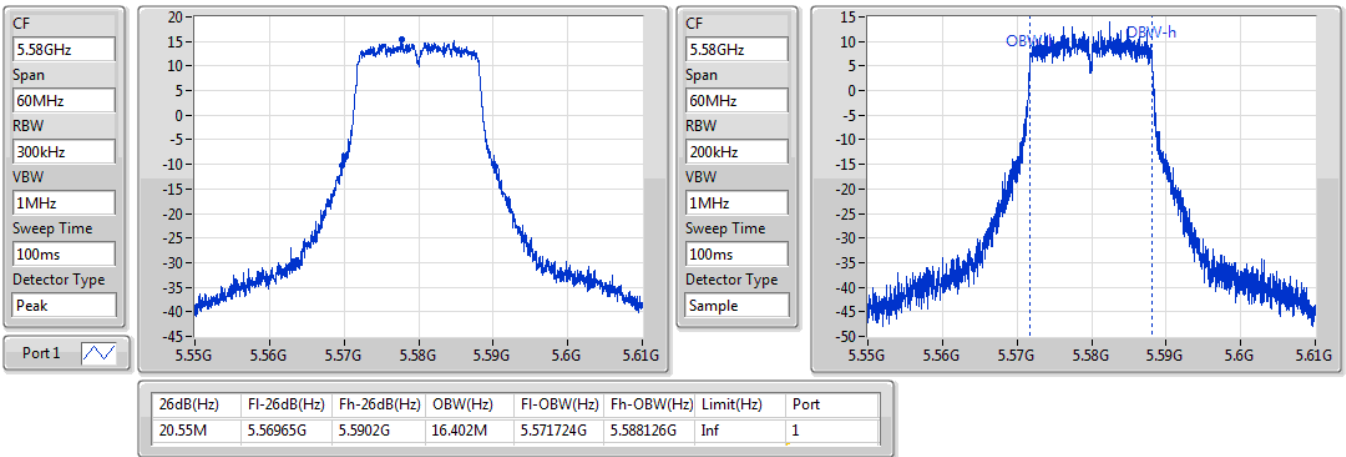
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.48956G	5.51017G	16.402M	5.491724G	5.508126G	Inf	1

802.11a\_Nss1,(6Mbps)\_1TX

EBW

5580MHz

02/08/2019

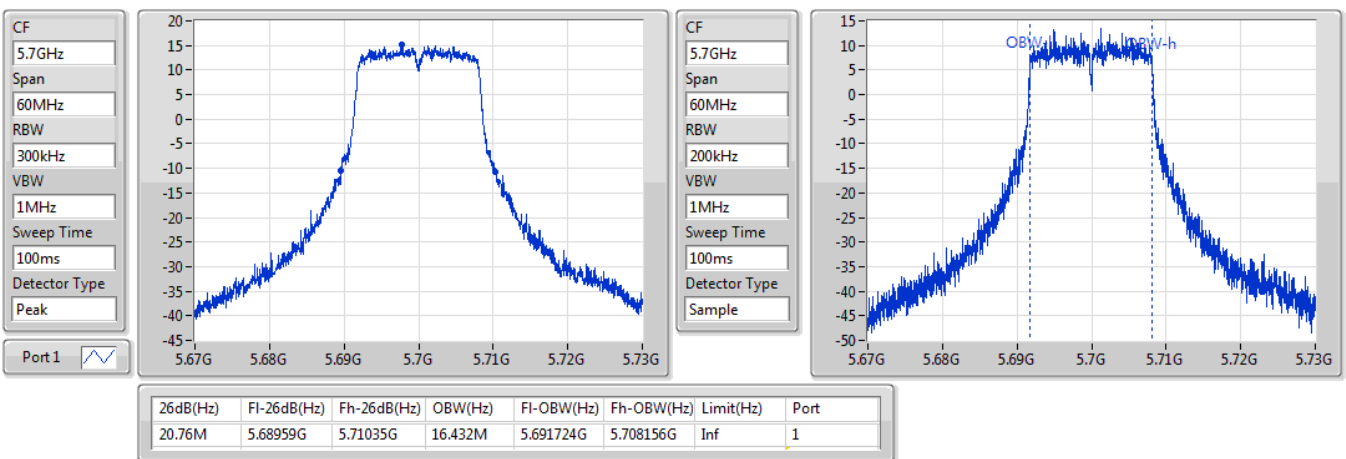


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5700MHz

02/08/2019

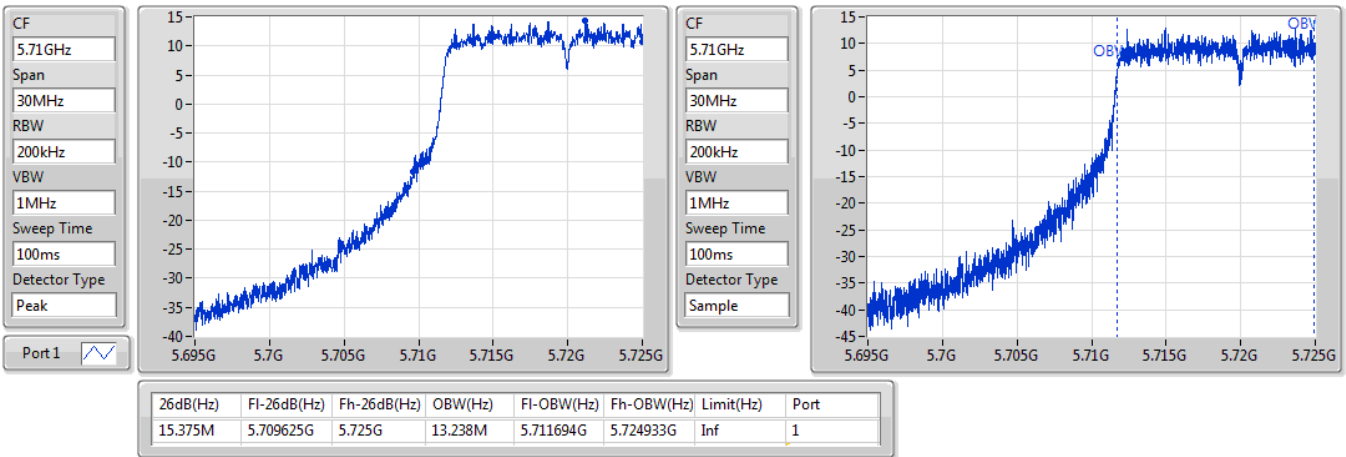


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

02/08/2019

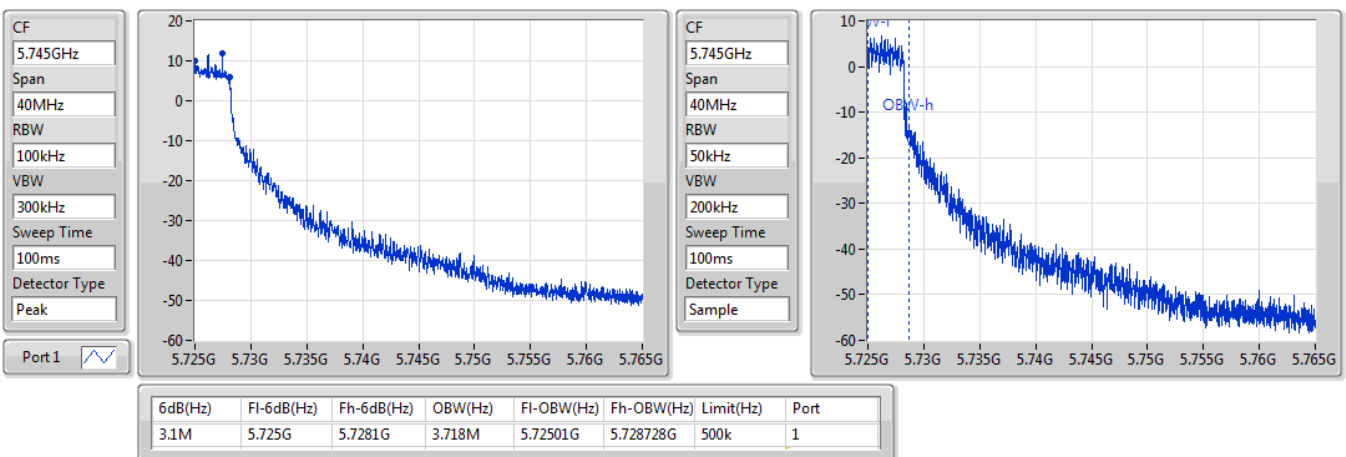


802.11a\_Nss1,(6Mbps)\_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

02/08/2019



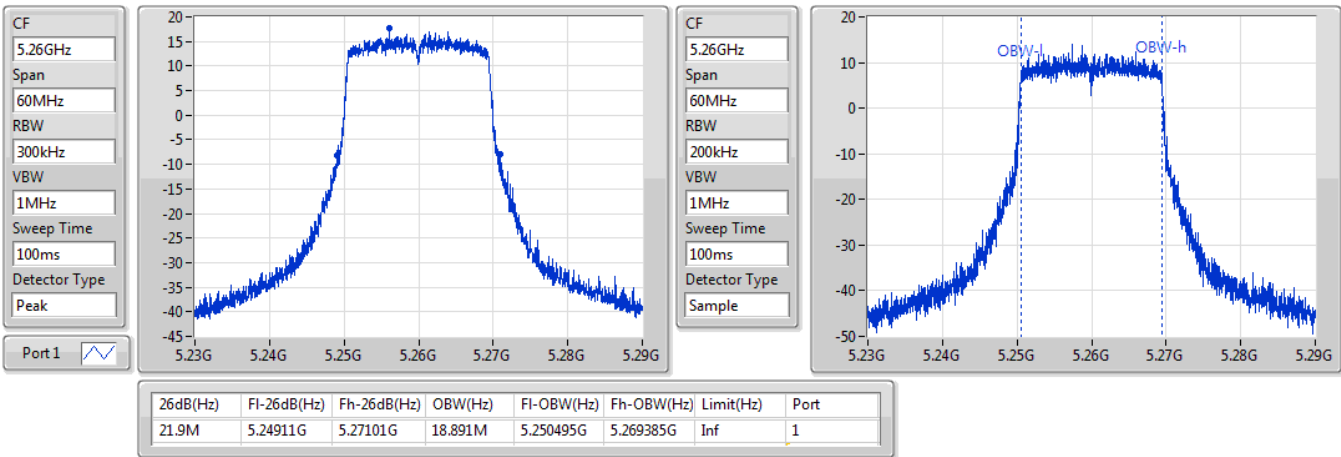


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5260MHz

02/08/2019

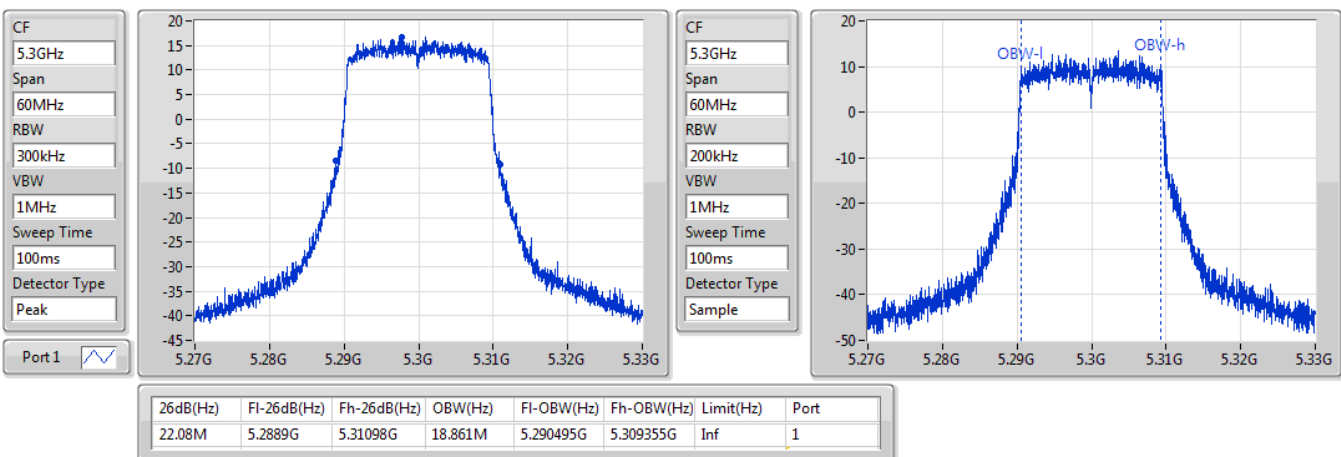


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5300MHz

02/08/2019

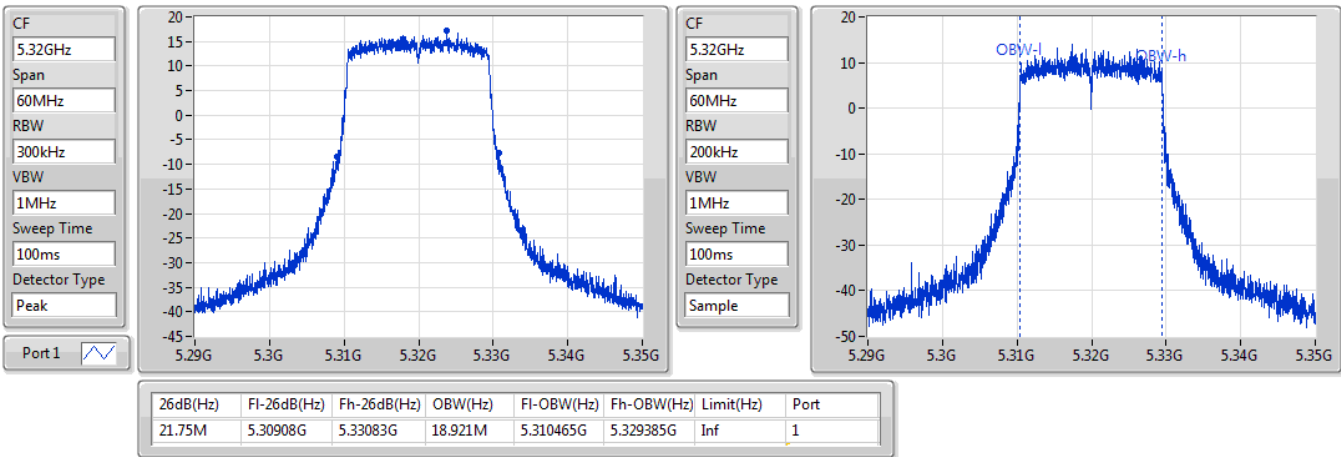


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5320MHz

02/08/2019

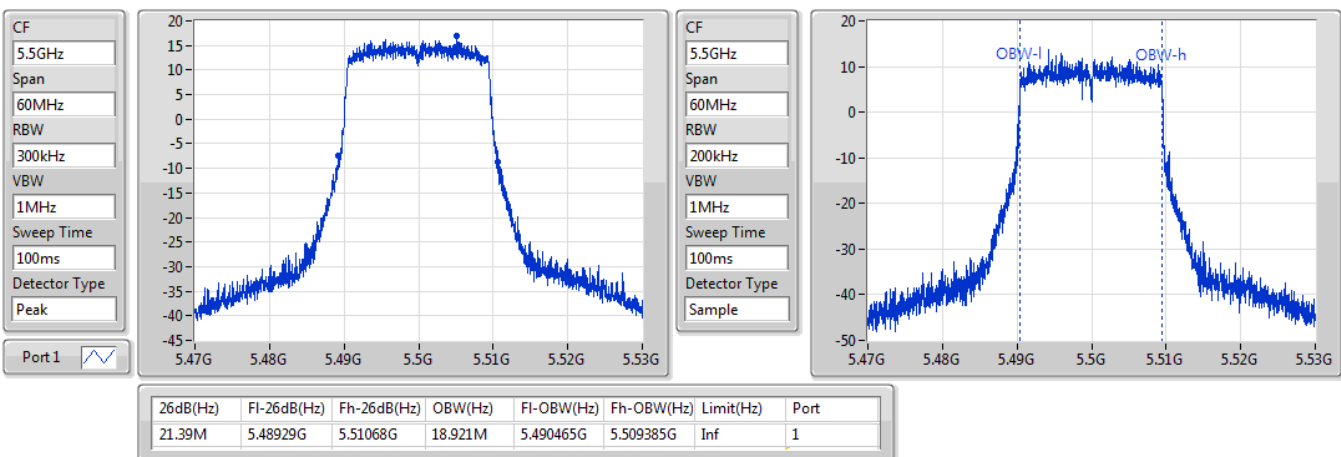


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5500MHz

02/08/2019

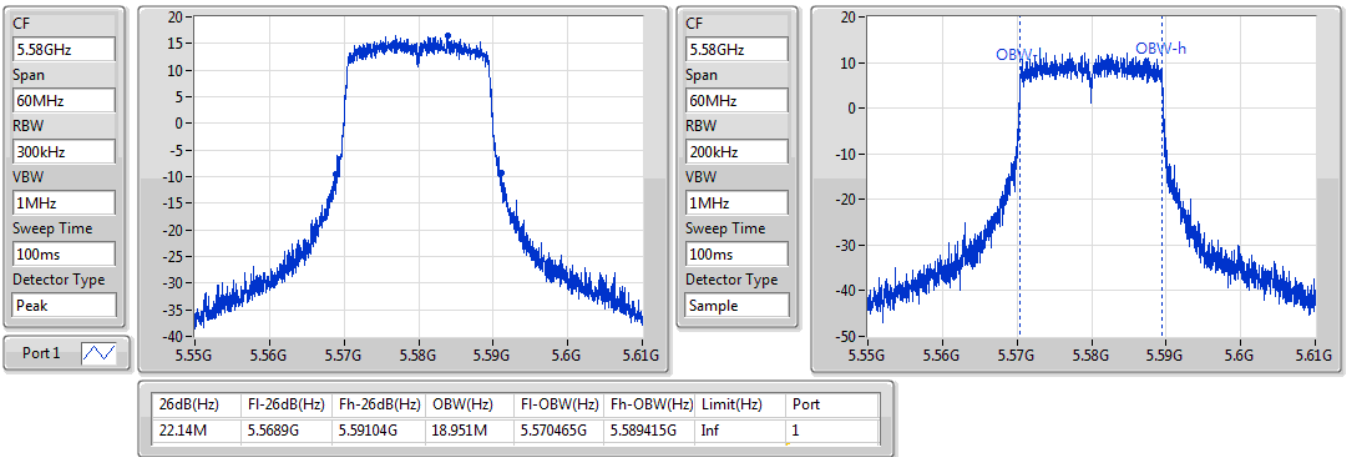


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5580MHz

02/08/2019

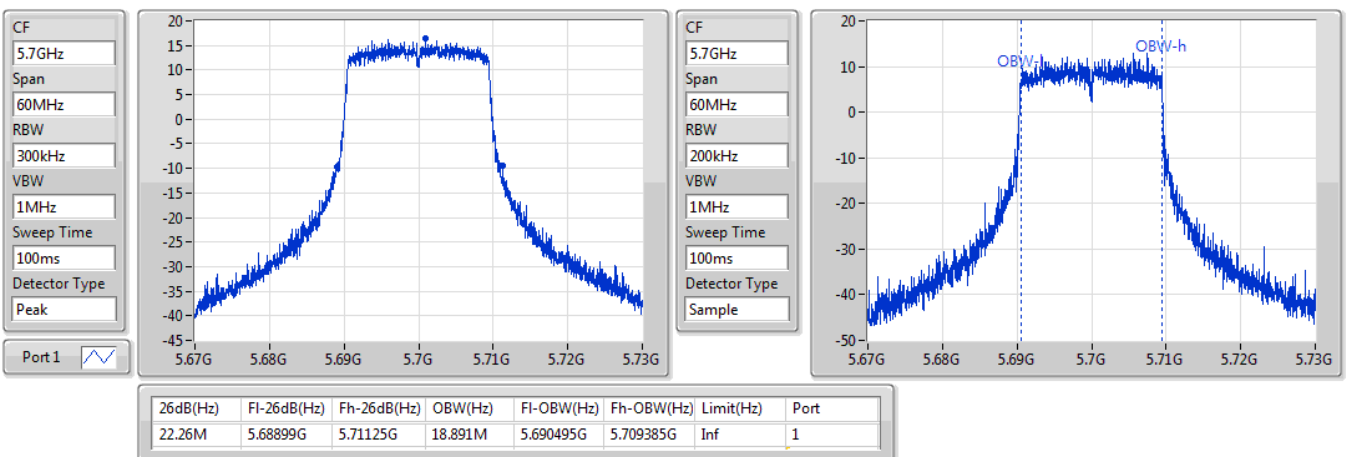


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5700MHz

02/08/2019

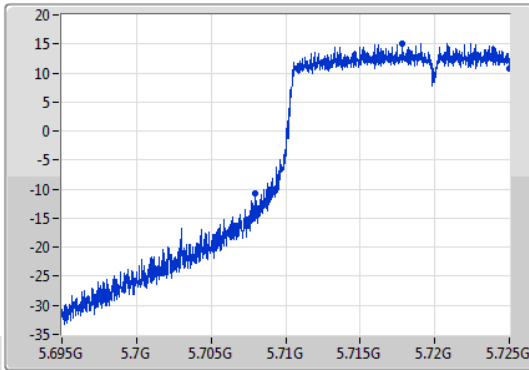


**802.11ax HEW20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.47-5.725GHz**

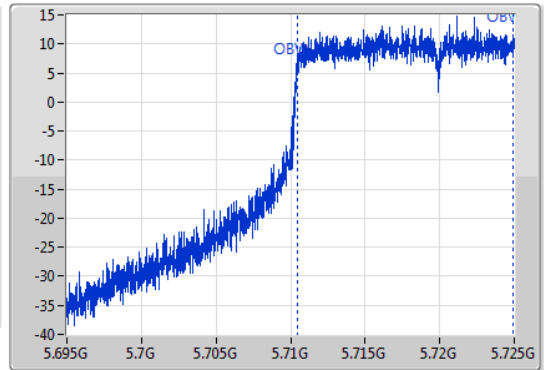
EBW

02/08/2019

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



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



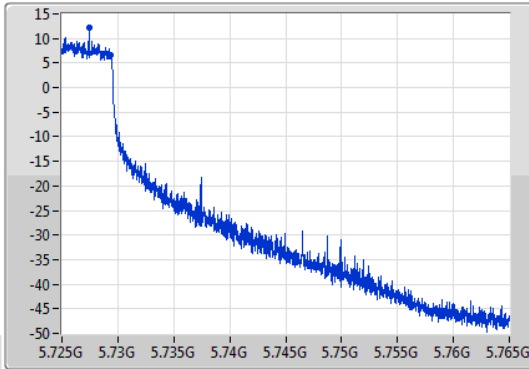
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.055M	5.707945G	5.725G	14.498M	5.710435G	5.724933G	Inf	1

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

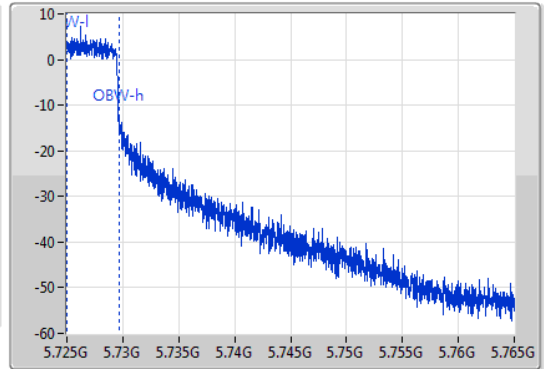
EBW

02/08/2019

CF: 5.745GHz  
 Span: 40MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



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



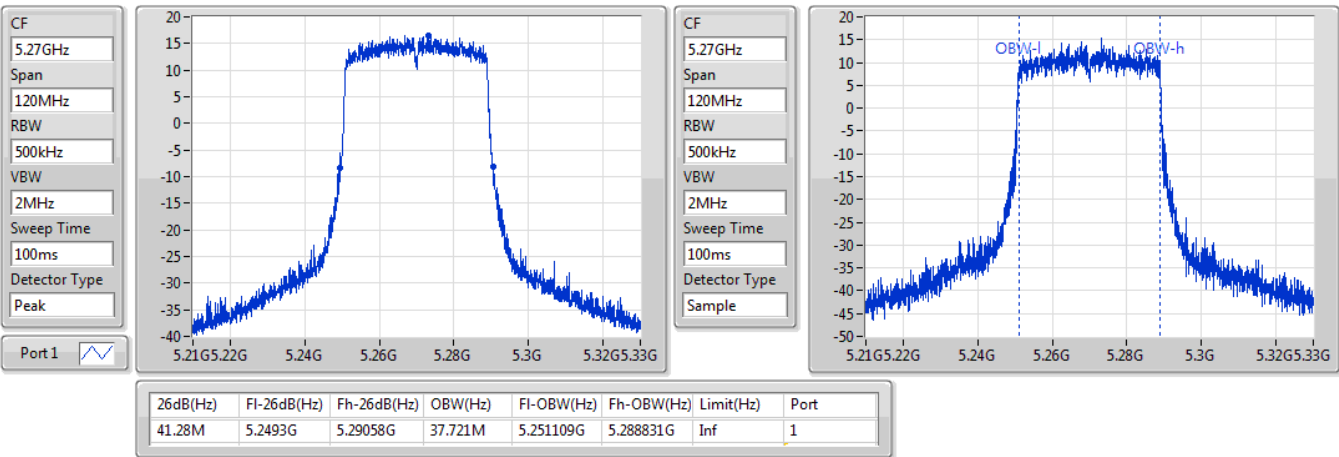
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.4M	5.725G	5.7294G	4.598M	5.72503G	5.729628G	500k	1

802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5270MHz

02/08/2019

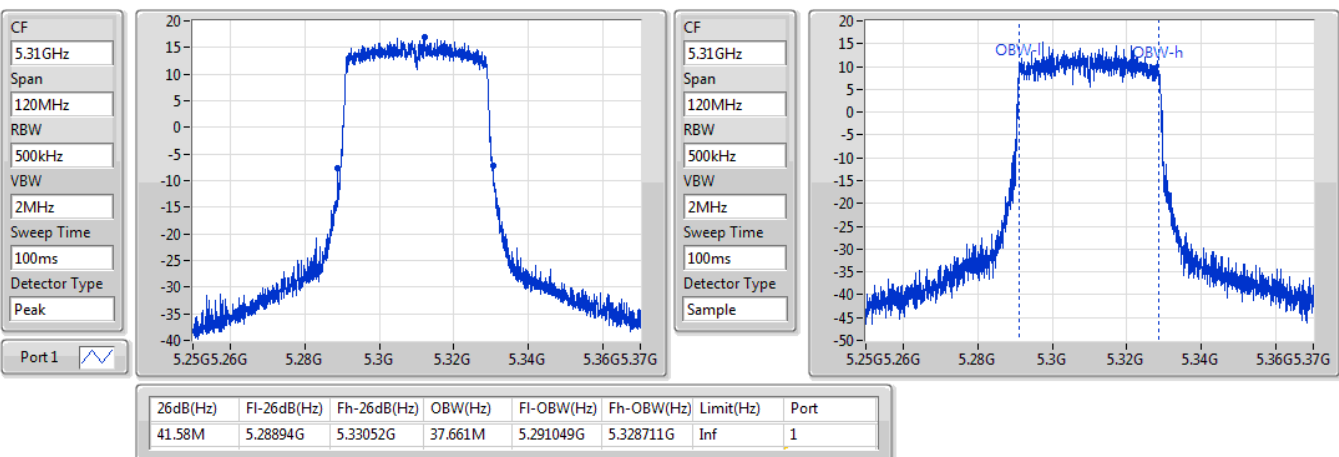


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5310MHz

02/08/2019

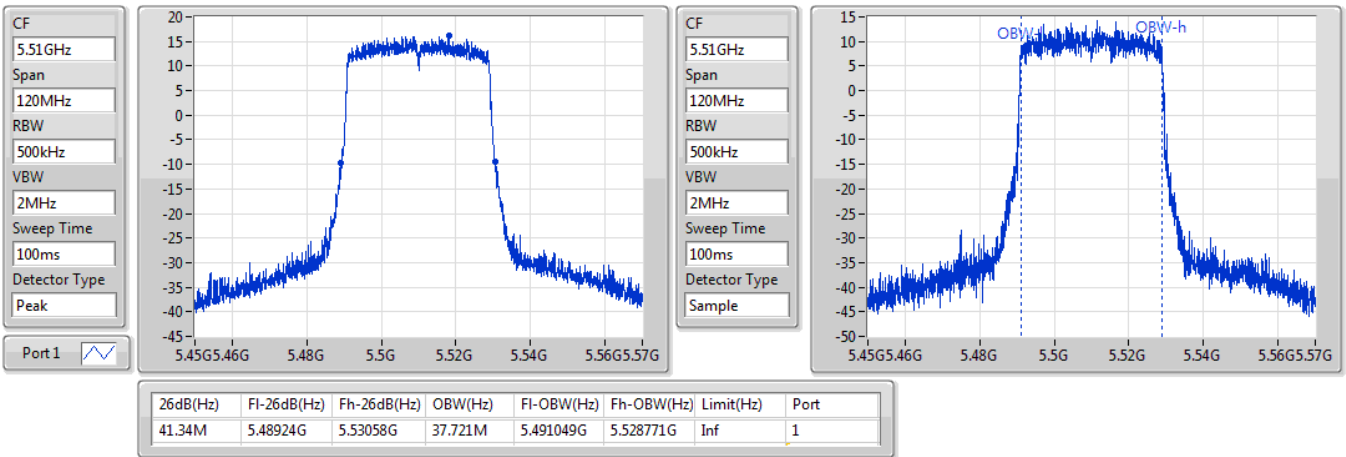


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5510MHz

02/08/2019

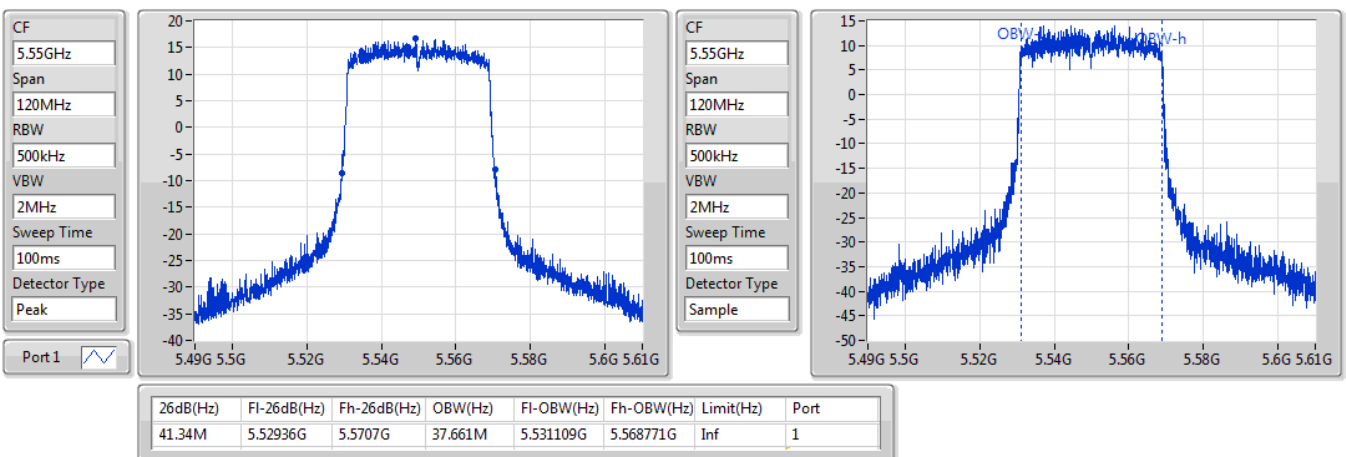


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5550MHz

02/08/2019

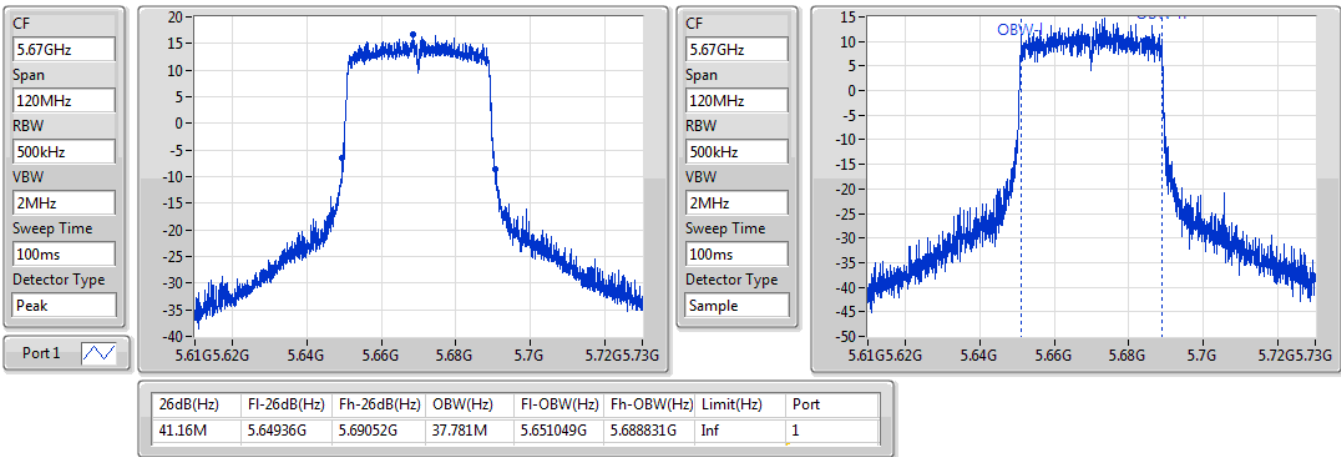


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5670MHz

02/08/2019

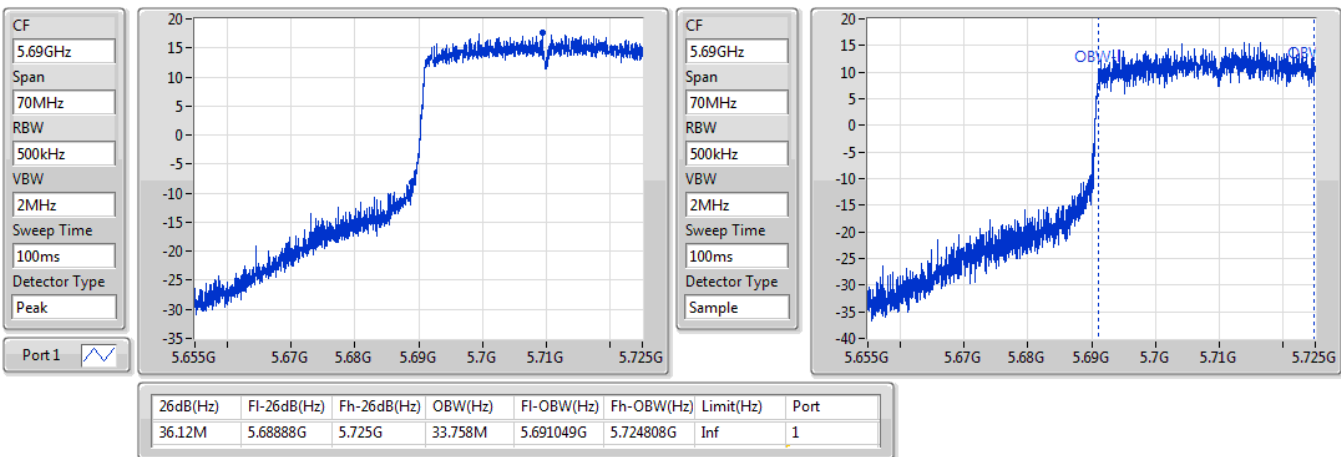


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/08/2019

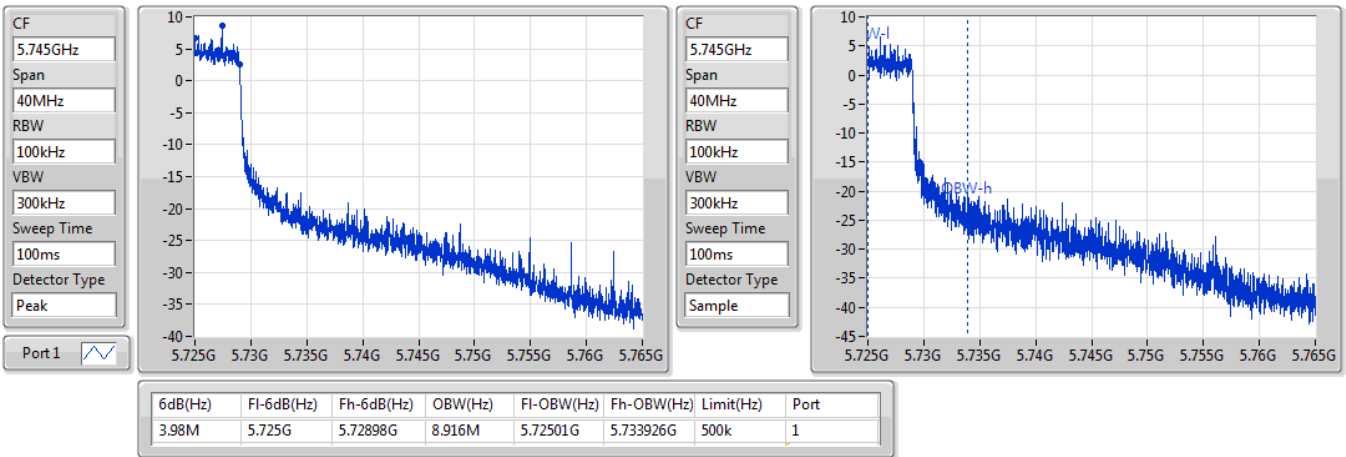


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/08/2019

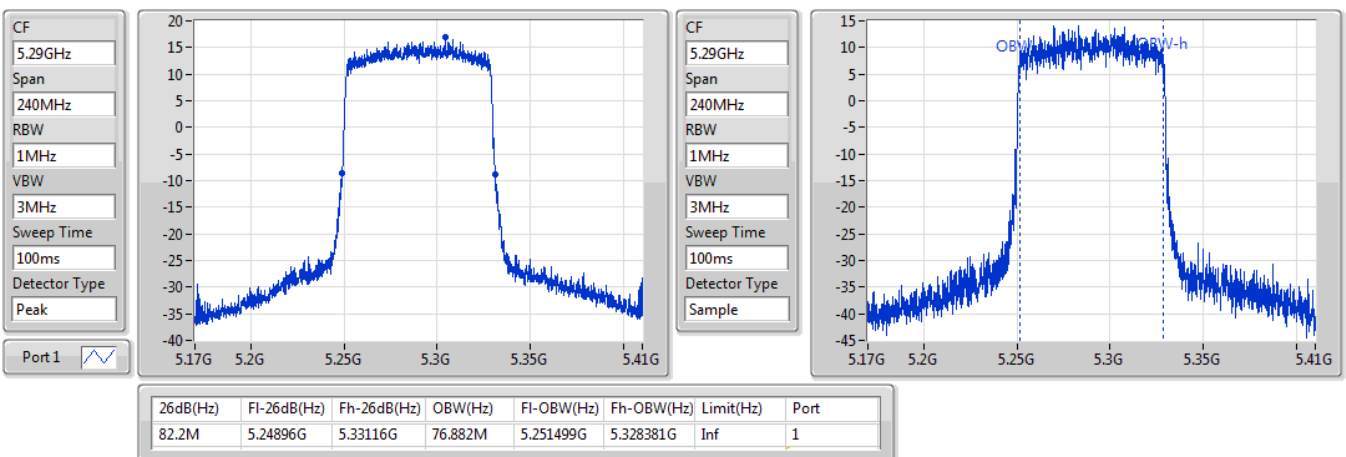


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5290MHz

02/08/2019





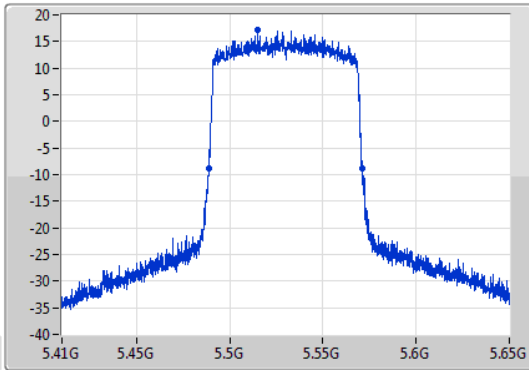
802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

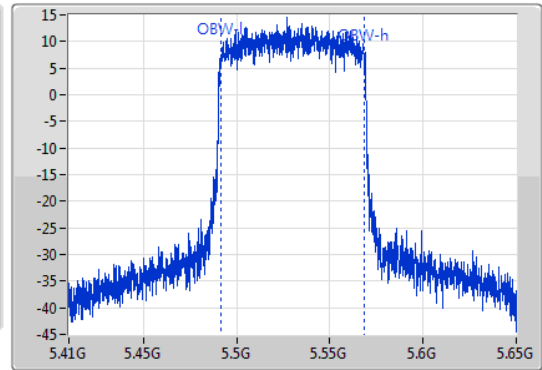
5530MHz

02/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.4886G	5.57104G	77.121M	5.491379G	5.568501G	Inf	1

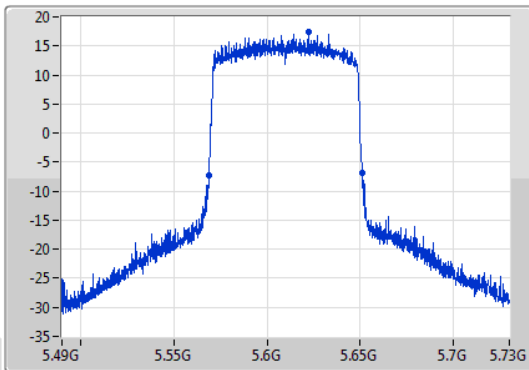
802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

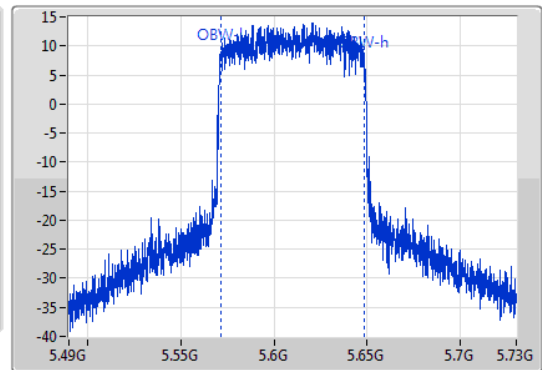
5610MHz

02/08/2019

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



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



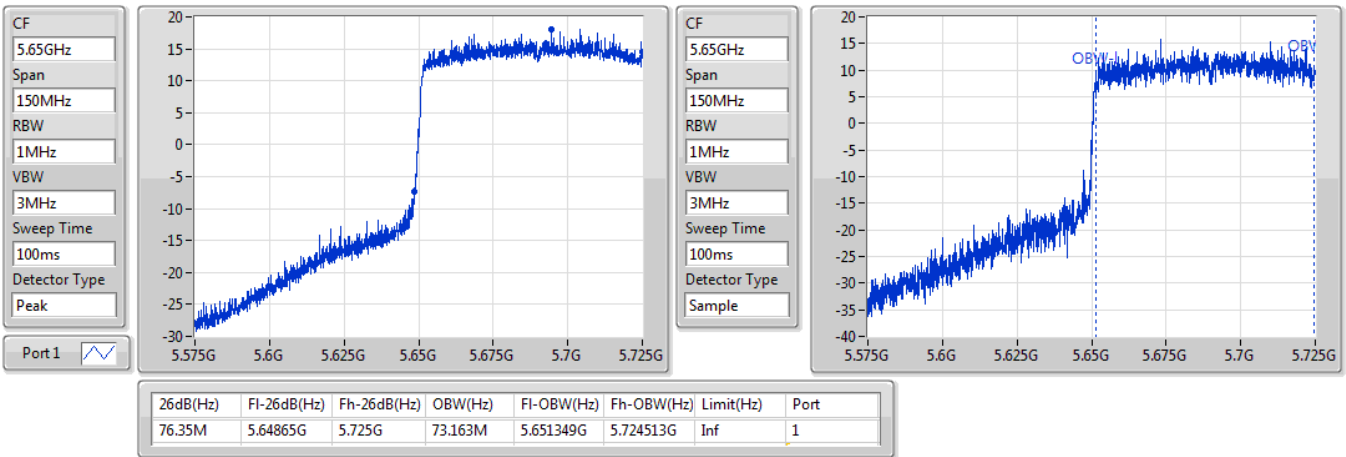
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.56872G	5.6514G	77.121M	5.571259G	5.648381G	Inf	1

802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/08/2019

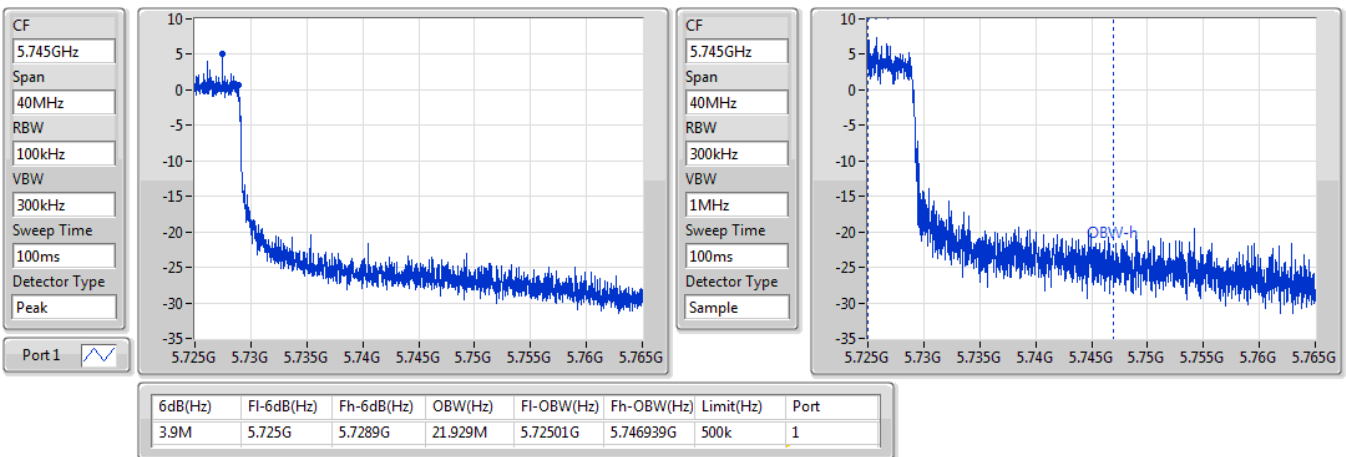


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/08/2019



**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)_2TX	20.79M	16.402M	16M4D1D	20.4M	16.372M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.02M	18.921M	18M9D1D	21.54M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.28M	37.721M	37M7D1D	40.8M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.121M	77M1D1D	82.32M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.7M	16.432M	16M4D1D	15.15M	13.223M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.9M	18.951M	19M0D1D	15.69M	14.483M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.34M	37.721M	37M7D1D	35.525M	33.793M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.68M	77.241M	77M2D1D	76.35M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.1M	3.578M	3M58D1D	3.1M	3.578M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.24M	4.498M	4M50D1D	4.12M	4.498M
802.11ax HEW40_Nss1,(MCS0)_2TX	3.96M	4.058M	4M06D1D	3.94M	4.038M
802.11ax HEW80_Nss1,(MCS0)_2TX	3.98M	4.098M	4M10D1D	3.9M	4.058M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.67M	16.402M	20.7M	16.402M
5300MHz	Pass	Inf	20.55M	16.402M	20.79M	16.402M
5320MHz	Pass	Inf	20.4M	16.372M	20.67M	16.402M
5500MHz	Pass	Inf	20.58M	16.342M	20.67M	16.402M
5580MHz	Pass	Inf	20.43M	16.402M	20.52M	16.432M
5700MHz	Pass	Inf	20.61M	16.402M	20.7M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.345M	13.223M	15.15M	13.253M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.578M	3.1M	3.578M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.93M	18.891M	21.54M	18.891M
5300MHz	Pass	Inf	21.87M	18.861M	21.63M	18.921M
5320MHz	Pass	Inf	22.02M	18.891M	21.99M	18.861M
5500MHz	Pass	Inf	21.84M	18.921M	21.42M	18.891M
5580MHz	Pass	Inf	21.9M	18.921M	21.75M	18.951M
5700MHz	Pass	Inf	21.75M	18.891M	21.75M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	14.483M	16.155M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.24M	4.498M	4.12M	4.498M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.8M	37.661M	41.28M	37.661M
5310MHz	Pass	Inf	41.22M	37.721M	41.1M	37.721M
5510MHz	Pass	Inf	40.8M	37.721M	41.16M	37.721M
5550MHz	Pass	Inf	41.16M	37.661M	41.34M	37.721M
5670MHz	Pass	Inf	41.04M	37.661M	41.04M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.735M	33.828M	35.525M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.058M	3.94M	4.038M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.121M	82.32M	77.121M
5530MHz	Pass	Inf	82.68M	77.001M	82.2M	77.241M
5610MHz	Pass	Inf	82.2M	77.121M	82.32M	77.241M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.388M	76.725M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.098M	3.98M	4.058M

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

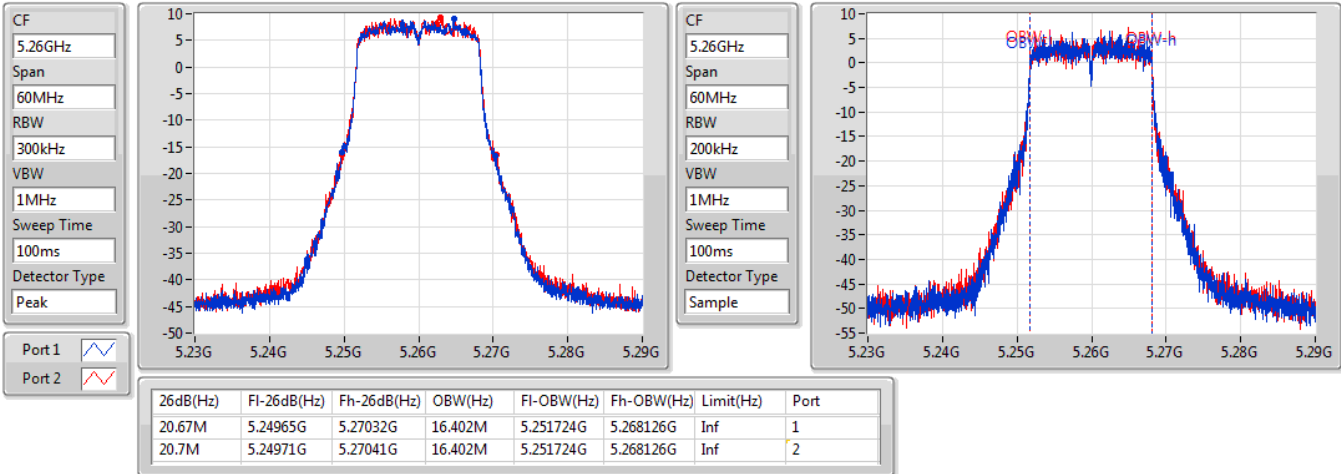
**Port X-OBW** = Port X 99% occupied bandwidth;

802.11a\_Nss1,(6Mbps)\_2TX

EBW

5260MHz

01/08/2019

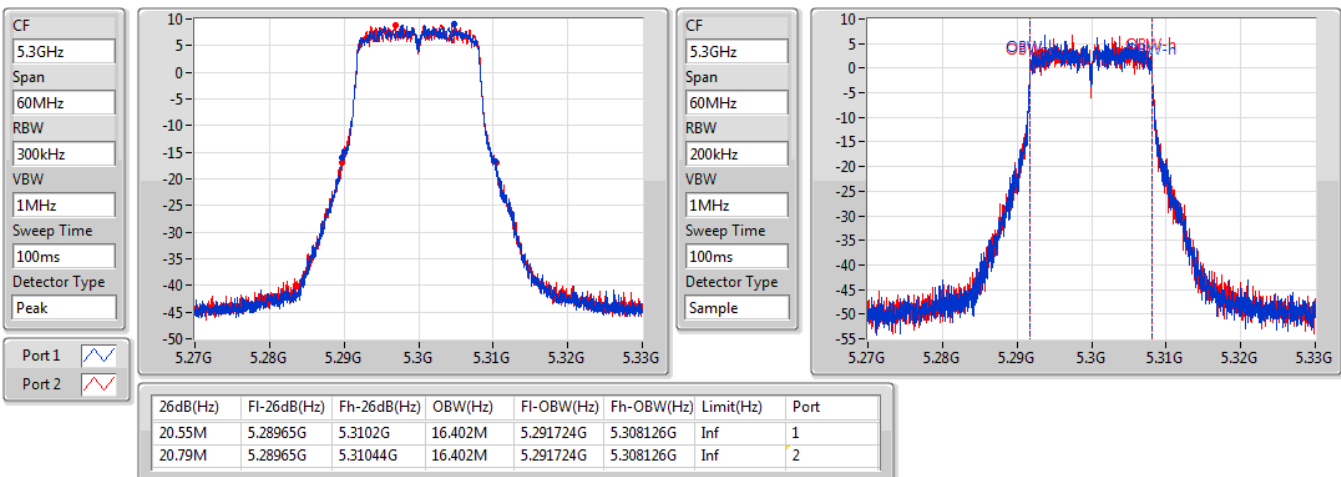


802.11a\_Nss1,(6Mbps)\_2TX

EBW

5300MHz

01/08/2019



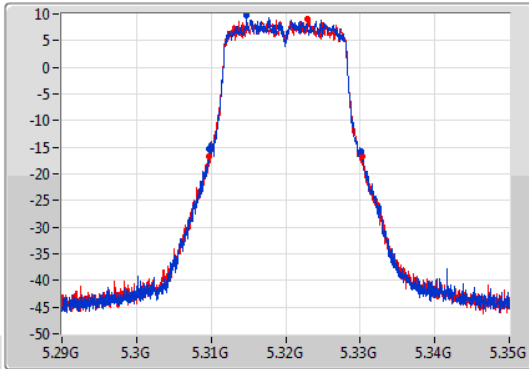
802.11a\_Nss1,(6Mbps)\_2TX

EBW

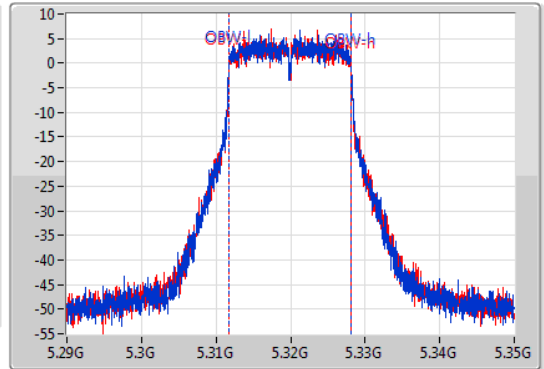
5320MHz

01/08/2019

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
20.4M	5.30971G	5.33011G	16.372M	5.311754G	5.328126G	Inf	1
20.67M	5.30965G	5.33032G	16.402M	5.311724G	5.328126G	Inf	2

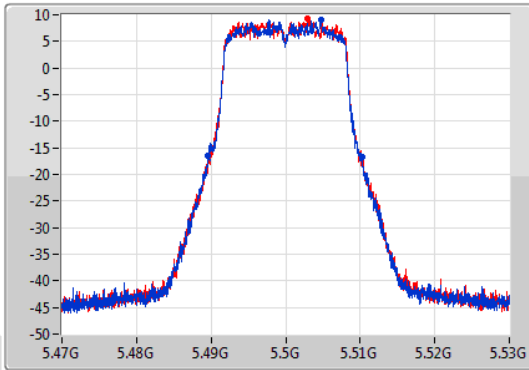
802.11a\_Nss1,(6Mbps)\_2TX

EBW

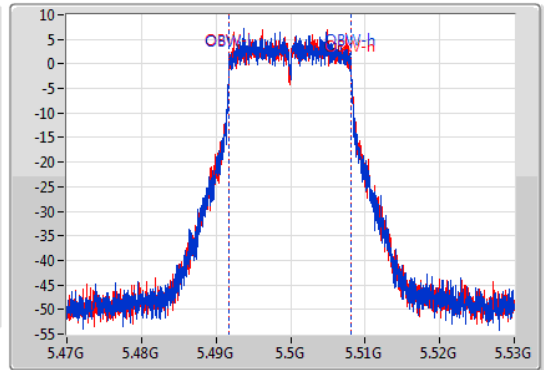
5500MHz

01/08/2019

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
20.58M	5.48962G	5.5102G	16.342M	5.491754G	5.508096G	Inf	1
20.67M	5.48968G	5.51035G	16.402M	5.491724G	5.508126G	Inf	2

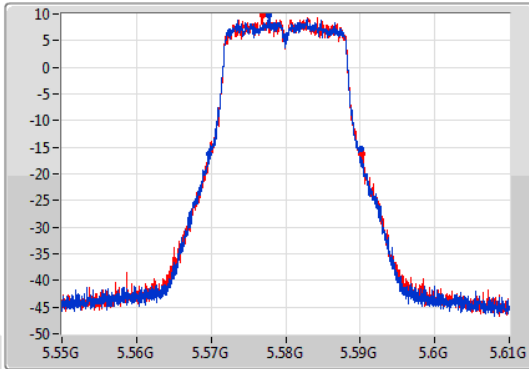
802.11a\_Nss1,(6Mbps)\_2TX

EBW

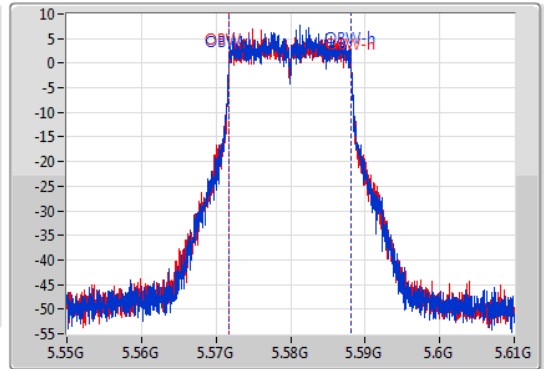
5580MHz

01/08/2019

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
20.43M	5.56965G	5.59008G	16.402M	5.571724G	5.588126G	Inf	1
20.52M	5.56968G	5.5902G	16.432M	5.571724G	5.588156G	Inf	2

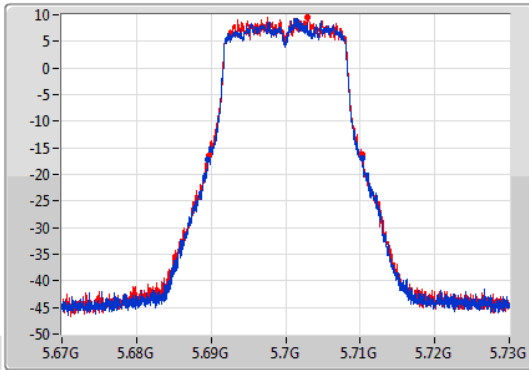
802.11a\_Nss1,(6Mbps)\_2TX

EBW

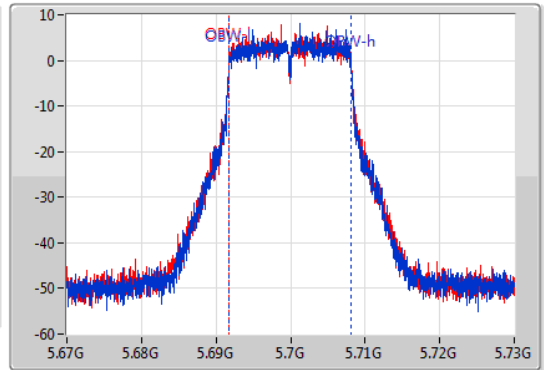
5700MHz

01/08/2019

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
20.61M	5.68962G	5.71023G	16.402M	5.691724G	5.708126G	Inf	1
20.7M	5.68965G	5.71035G	16.432M	5.691724G	5.708156G	Inf	2

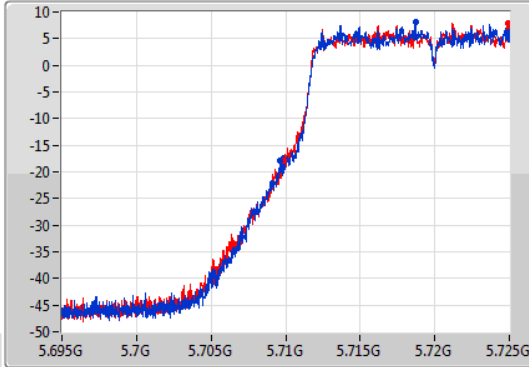
802.11a\_Nss1,(6Mbps)\_2TX

EBW

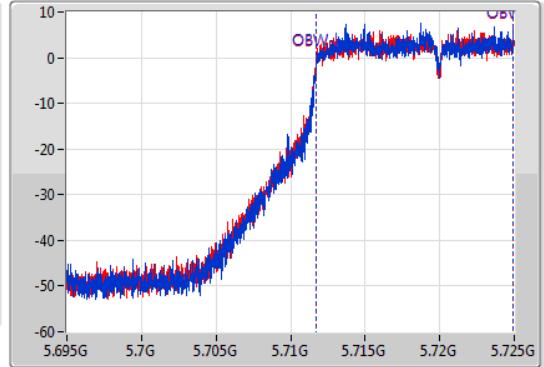
5720MHz Straddle 5.47-5.725GHz

01/08/2019

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
15.345M	5.709655G	5.725G	13.223M	5.711724G	5.724948G	Inf	1
15.15M	5.70985G	5.725G	13.253M	5.711694G	5.724948G	Inf	2

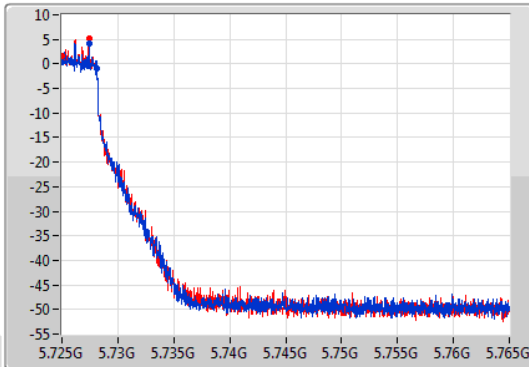
802.11a\_Nss1,(6Mbps)\_2TX

EBW

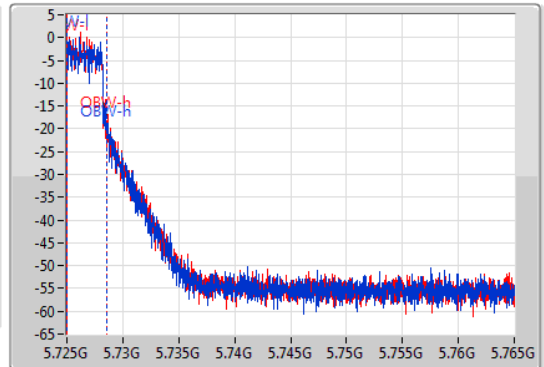
5720MHz Straddle 5.725-5.85GHz

01/08/2019

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
3.1M	5.725G	5.7281G	3.578M	5.72501G	5.728588G	500k	1
3.1M	5.725G	5.7281G	3.578M	5.72501G	5.728588G	500k	2



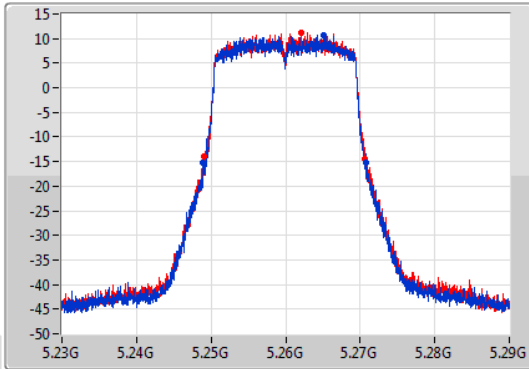
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

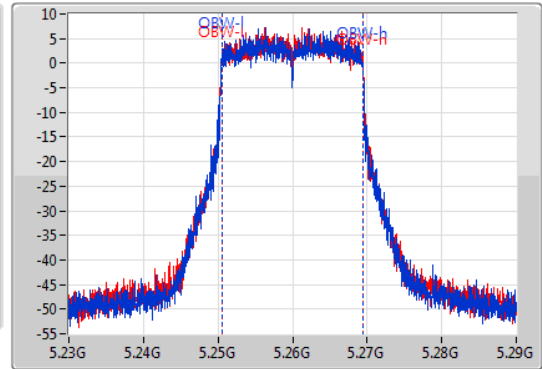
5260MHz

01/08/2019

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
21.93M	5.24887G	5.2708G	18.891M	5.250495G	5.269385G	Inf	1
21.54M	5.24911G	5.27065G	18.891M	5.250495G	5.269385G	Inf	2

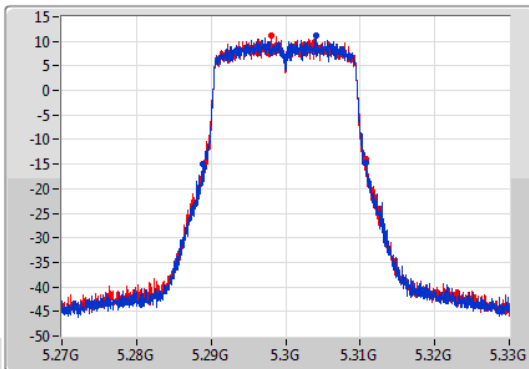
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

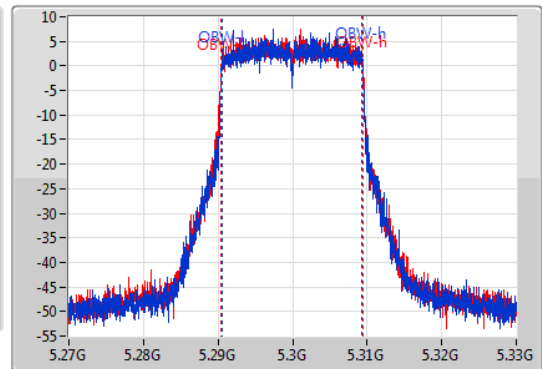
5300MHz

01/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.28896G	5.31083G	18.861M	5.290495G	5.309355G	Inf	1
21.63M	5.28914G	5.31077G	18.921M	5.290465G	5.309385G	Inf	2

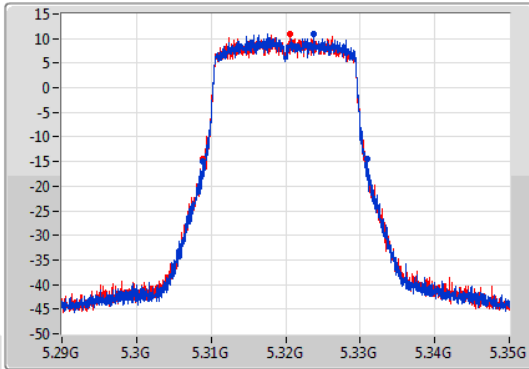
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

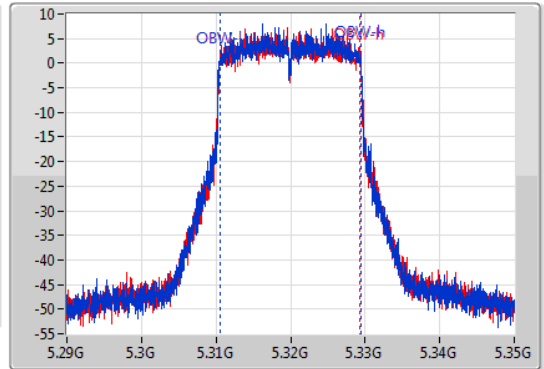
5320MHz

01/08/2019

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
22.02M	5.30893G	5.33095G	18.891M	5.310495G	5.329385G	Inf	1
21.99M	5.30884G	5.33083G	18.861M	5.310495G	5.329355G	Inf	2

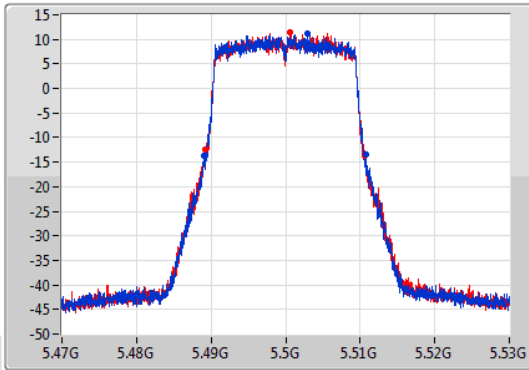
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

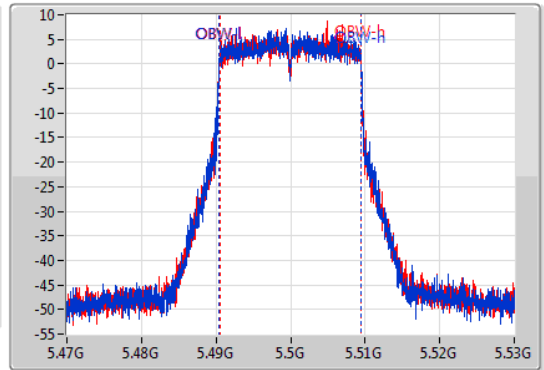
5500MHz

01/08/2019

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	5.48899G	5.51083G	18.921M	5.490465G	5.509385G	Inf	1
21.42M	5.48914G	5.51056G	18.891M	5.490495G	5.509385G	Inf	2

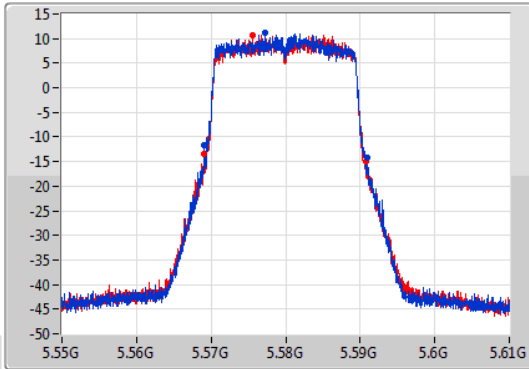
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

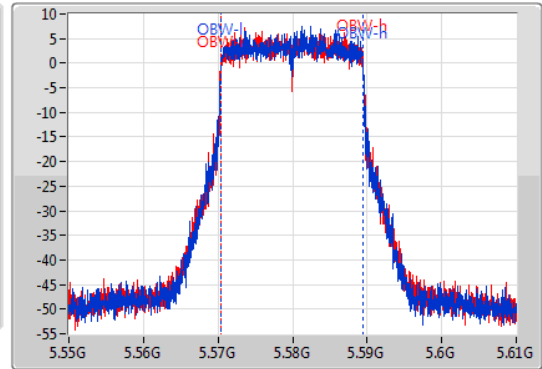
5580MHz

01/08/2019

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
21.9M	5.56908G	5.59098G	18.921M	5.570465G	5.589385G	Inf	1
21.75M	5.56902G	5.59077G	18.951M	5.570465G	5.589415G	Inf	2

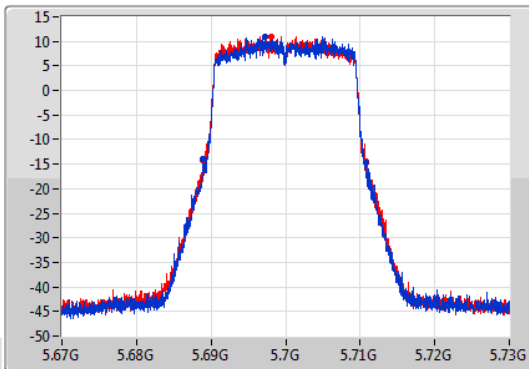
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

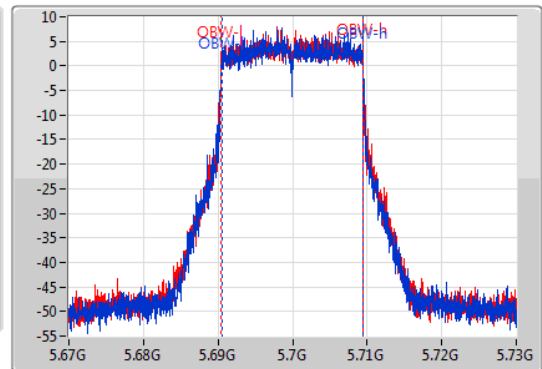
5700MHz

01/08/2019

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
21.75M	5.68896G	5.71071G	18.891M	5.690495G	5.709385G	Inf	1
21.75M	5.68896G	5.71071G	18.921M	5.690465G	5.709385G	Inf	2

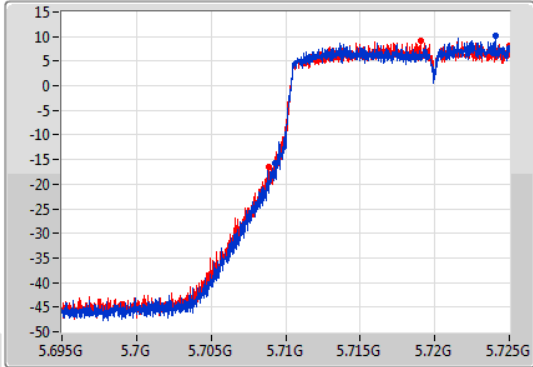
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

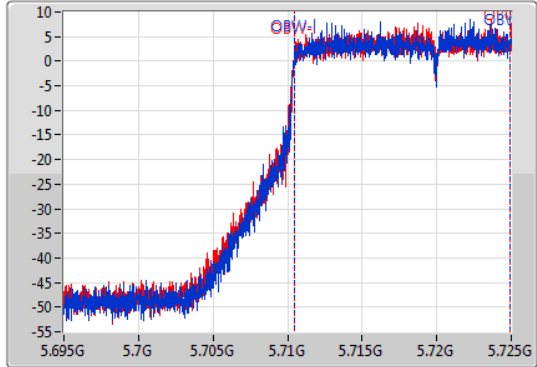
5720MHz Straddle 5.47-5.725GHz

01/08/2019

CF: 5.71GHz  
 Span: 30MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1: [Waveform icon]  
 Port 2: [Waveform icon]



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
15.69M	5.70931G	5.725G	14.483M	5.71045G	5.724933G	Inf	1
16.155M	5.708845G	5.725G	14.498M	5.71045G	5.724948G	Inf	2

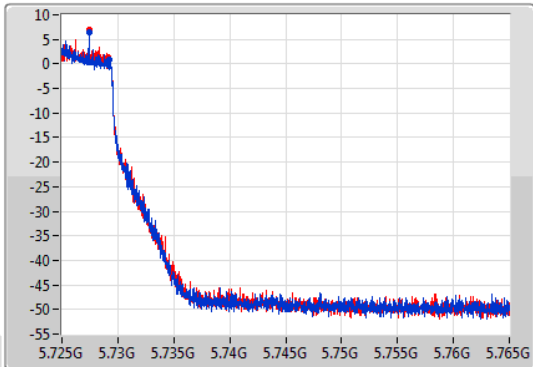
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

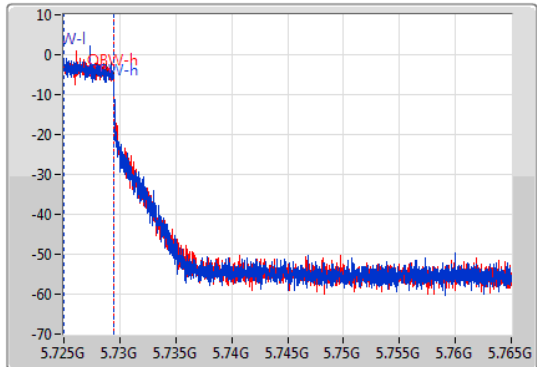
5720MHz Straddle 5.725-5.85GHz

01/08/2019

CF: 5.745GHz  
 Span: 40MHz  
 RBW: 100kHz  
 VBW: 300kHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1: [Waveform icon]  
 Port 2: [Waveform icon]



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
4.24M	5.725G	5.72924G	4.498M	5.72501G	5.729508G	500k	1
4.12M	5.725G	5.72912G	4.498M	5.72501G	5.729508G	500k	2

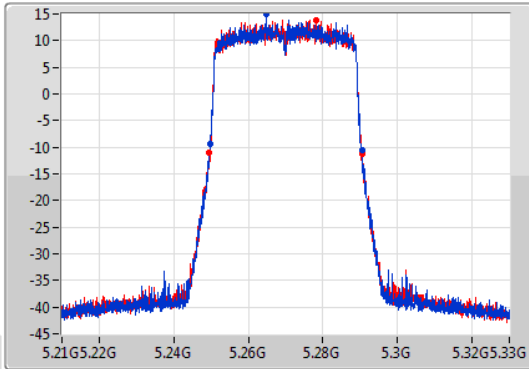
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

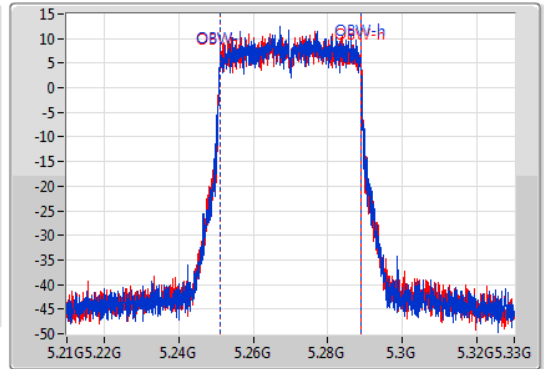
5270MHz

01/08/2019

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
40.8M	5.24966G	5.29046G	37.661M	5.251109G	5.288771G	Inf	1
41.28M	5.24942G	5.2907G	37.661M	5.251109G	5.288771G	Inf	2

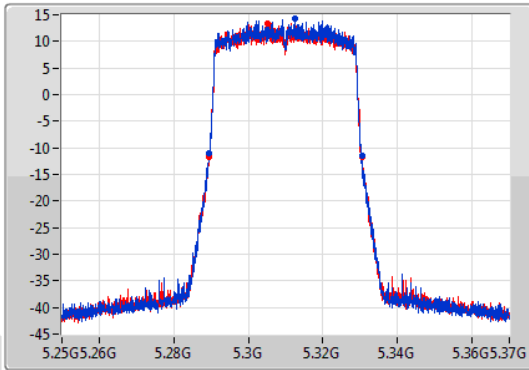
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

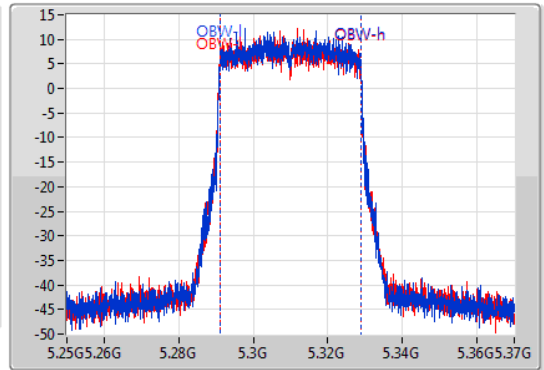
5310MHz

01/08/2019

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



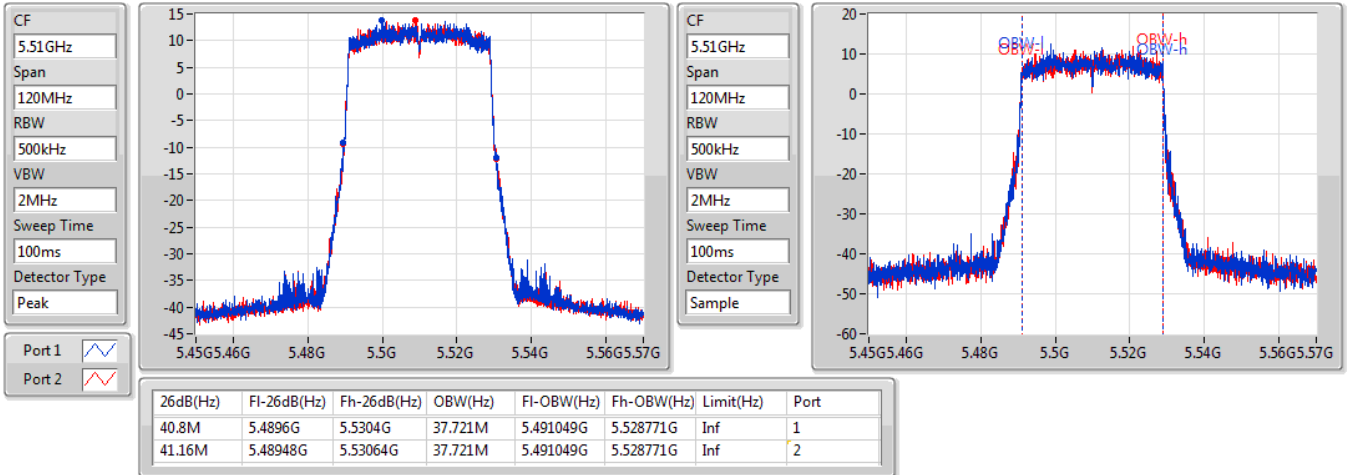
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.28942G	5.33064G	37.721M	5.291049G	5.328771G	Inf	1
41.1M	5.2893G	5.3304G	37.721M	5.291049G	5.328771G	Inf	2

802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5510MHz

01/08/2019

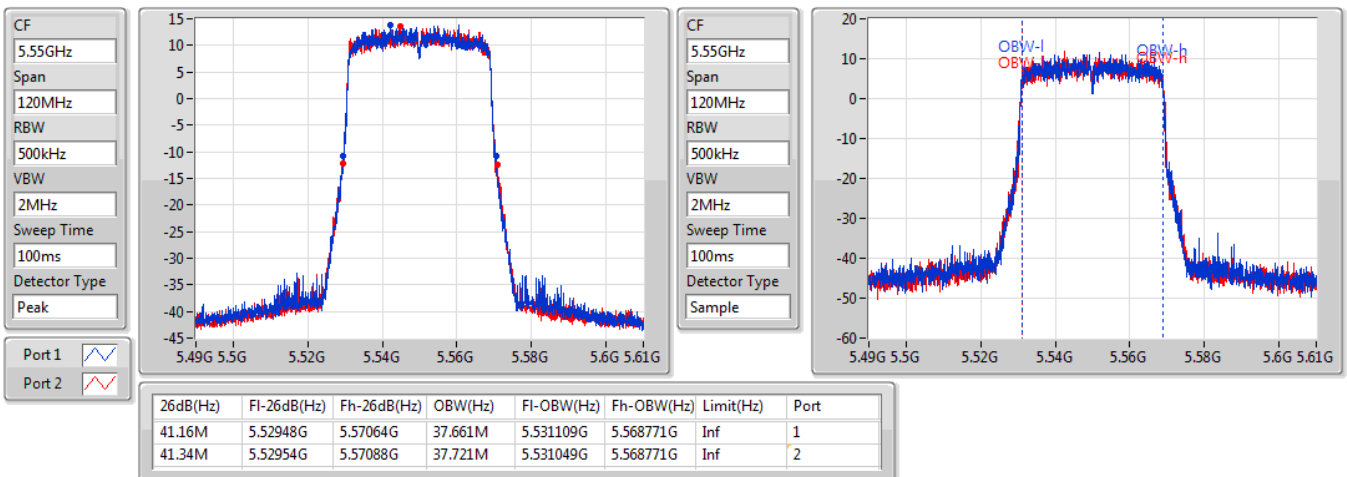


802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5550MHz

01/08/2019



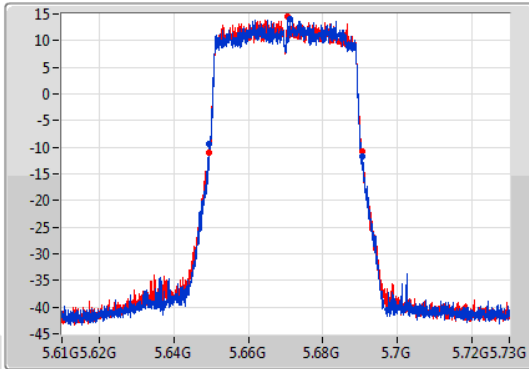
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

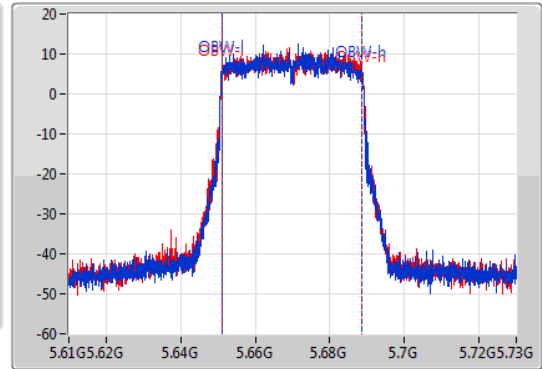
5670MHz

01/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.64942G	5.69046G	37.661M	5.65099G	5.688651G	Inf	1
41.04M	5.64948G	5.69052G	37.721M	5.65099G	5.688711G	Inf	2

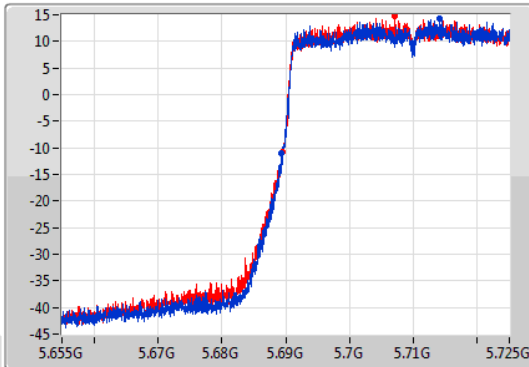
802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

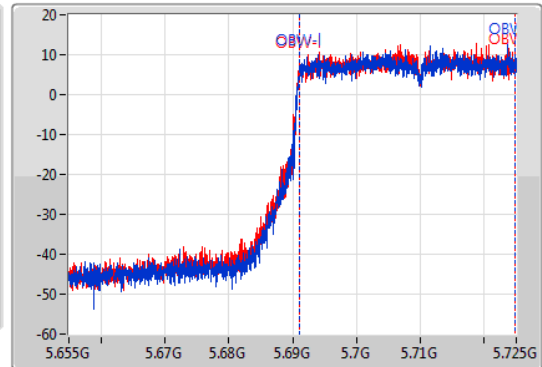
5710MHz Straddle 5.47-5.725GHz

01/08/2019

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



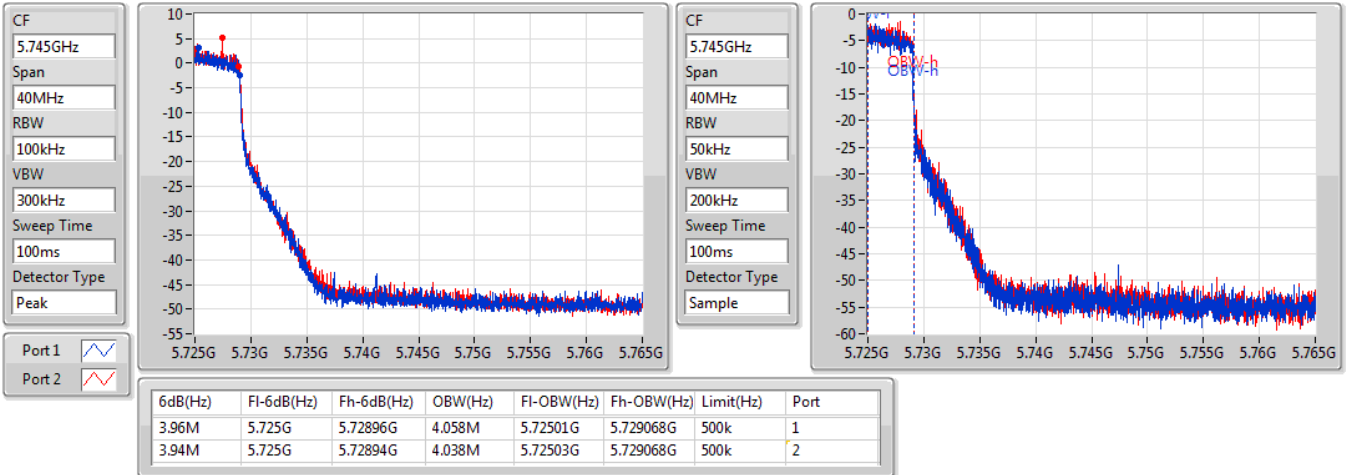
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.735M	5.689265G	5.725G	33.828M	5.691049G	5.724878G	Inf	1
35.525M	5.689475G	5.725G	33.793M	5.691014G	5.724808G	Inf	2

802.11ax HEW40\_Nss1,(MCS0)\_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

01/08/2019

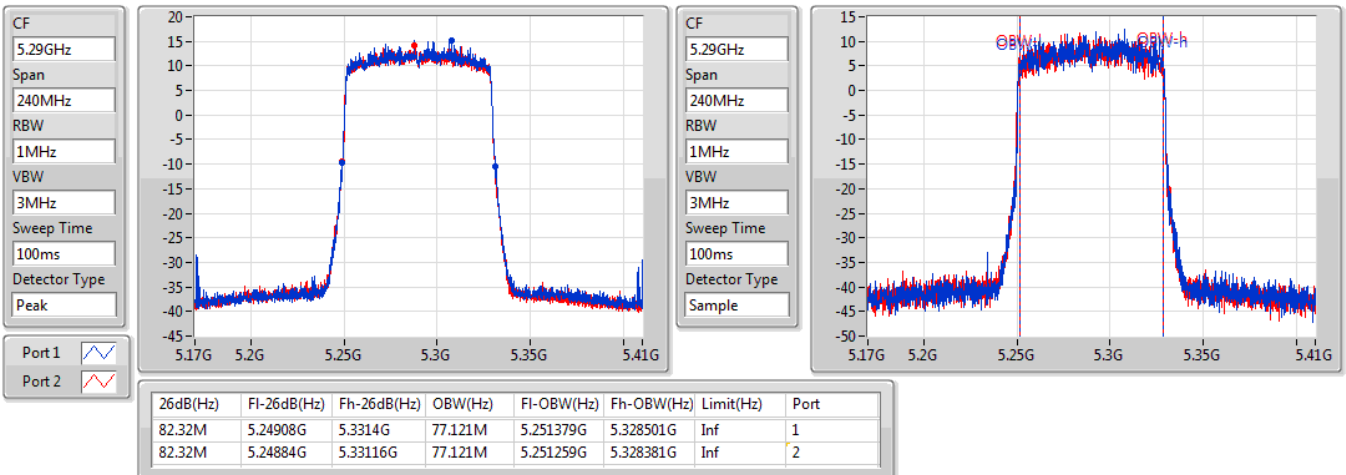


802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5290MHz

01/08/2019





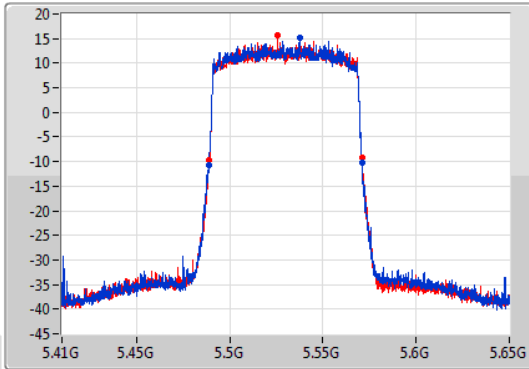
802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

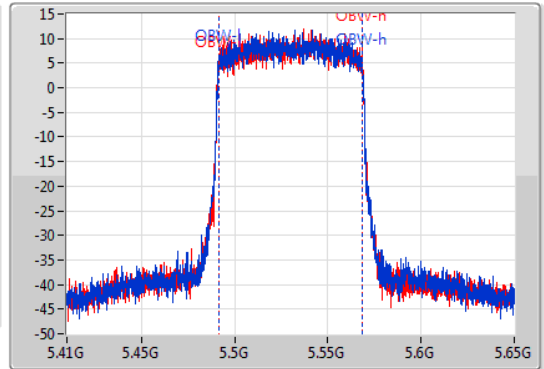
5530MHz

01/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.4886G	5.57128G	77.001M	5.491379G	5.568381G	Inf	1
82.2M	5.48872G	5.57092G	77.241M	5.491379G	5.568621G	Inf	2

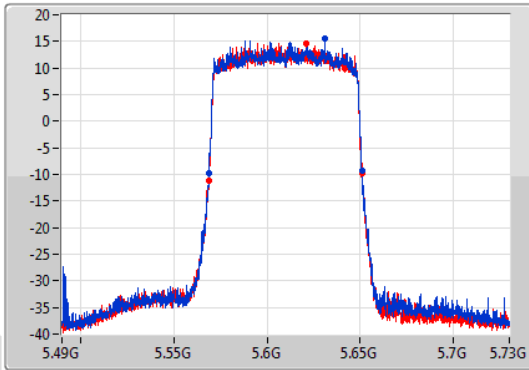
802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

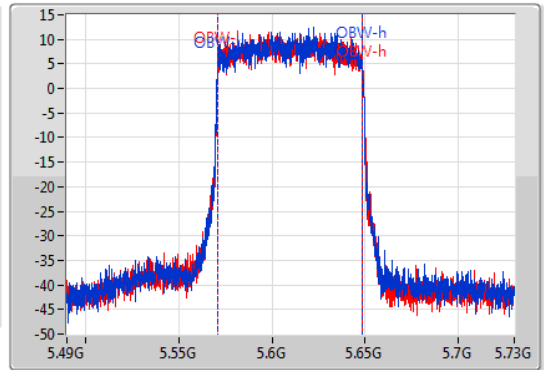
5610MHz

01/08/2019

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



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



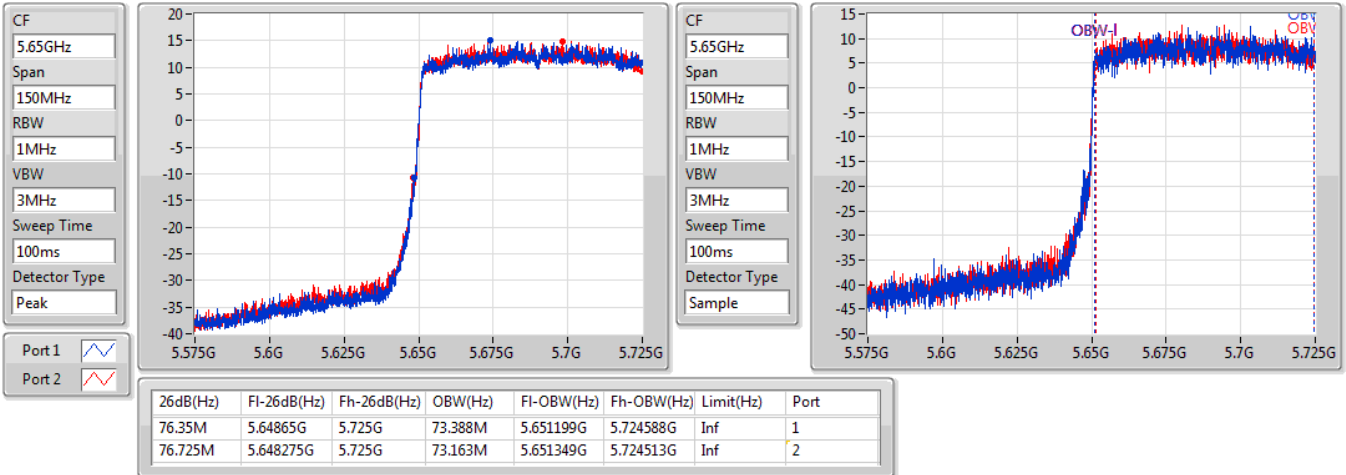
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56884G	5.65104G	77.121M	5.571139G	5.648261G	Inf	1
82.32M	5.56872G	5.65104G	77.241M	5.571139G	5.648381G	Inf	2

802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

01/08/2019

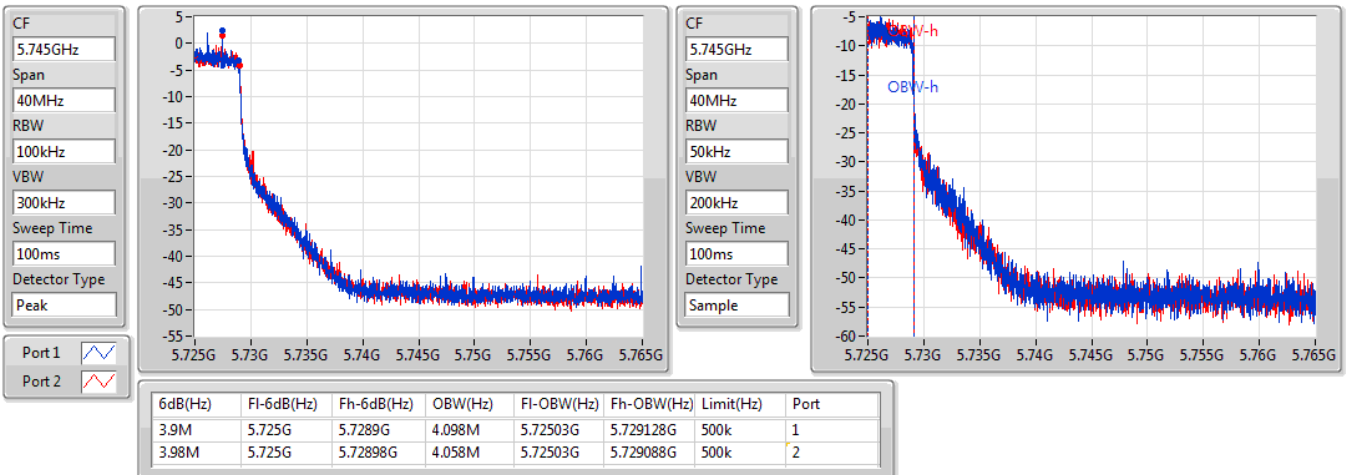


802.11ax HEW80\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/08/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.9M	18.921M	18M9D1D	21.45M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.92M	37.781M	37M8D1D	40.38M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	76.882M	76M9D1D	80.88M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.93M	18.921M	18M9D1D	15.945M	14.498M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.52M	37.841M	37M8D1D	35.385M	33.688M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.72M	77.121M	77M1D1D	75.3M	73.013M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.36M	4.498M	4M50D1D	4.36M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.06M	4.038M	4M04D1D	3.96M	4.038M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.96M	4.198M	4M20D1D	3.92M	4.098M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.84M	18.921M	21.54M	18.861M
5300MHz	Pass	Inf	21.9M	18.921M	21.45M	18.891M
5320MHz	Pass	Inf	21.57M	18.921M	21.84M	18.861M
5500MHz	Pass	Inf	21.63M	18.921M	21.87M	18.861M
5580MHz	Pass	Inf	21.66M	18.891M	21.63M	18.861M
5700MHz	Pass	Inf	21.78M	18.891M	21.93M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.498M	16.095M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.498M	4.36M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.781M	40.62M	37.541M
5310MHz	Pass	Inf	40.38M	37.721M	40.86M	37.661M
5510MHz	Pass	Inf	41.04M	37.781M	40.44M	37.661M
5550MHz	Pass	Inf	40.86M	37.721M	40.38M	37.721M
5670MHz	Pass	Inf	41.52M	37.841M	41.34M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.56M	33.688M	35.385M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.038M	4.06M	4.038M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.12M	76.882M	80.88M	76.882M
5530MHz	Pass	Inf	81.24M	77.121M	81.12M	77.001M
5610MHz	Pass	Inf	81.72M	77.121M	80.88M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.3M	73.163M	75.9M	73.013M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.098M	3.92M	4.198M

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

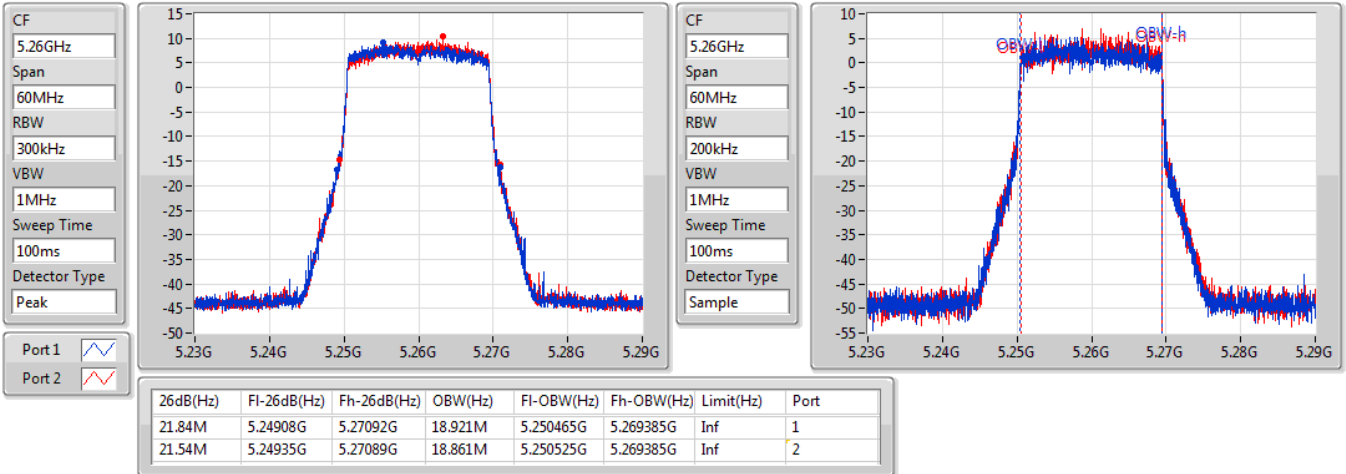
**Port X-OBW** = Port X 99% occupied bandwidth;

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

EBW

5260MHz

06/08/2019

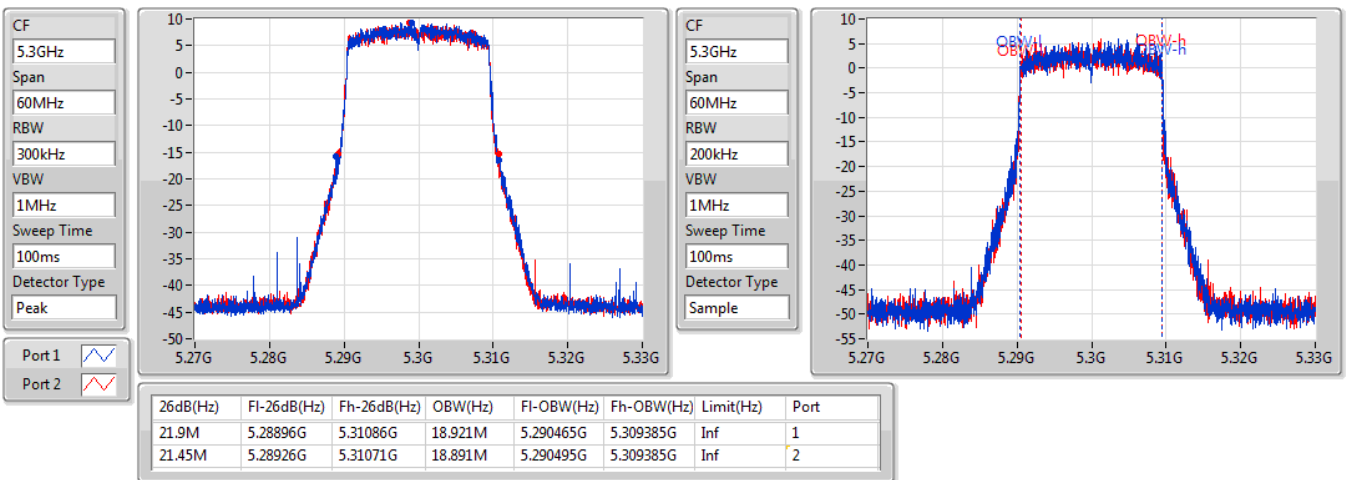


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5300MHz

06/08/2019



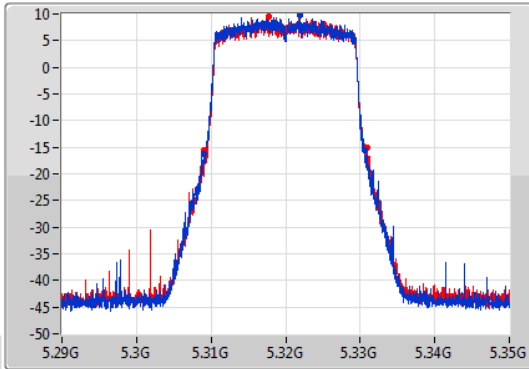
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

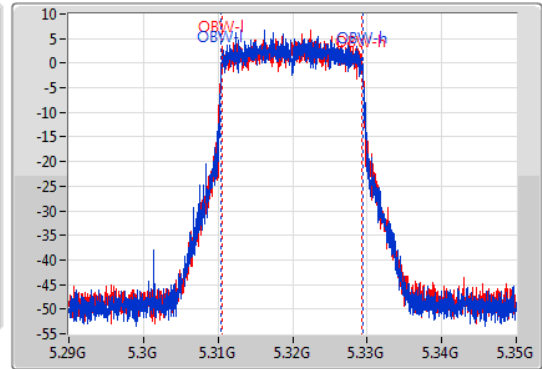
5320MHz

06/08/2019

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
21.57M	5.30908G	5.33065G	18.921M	5.310465G	5.329385G	Inf	1
21.84M	5.30908G	5.33092G	18.861M	5.310495G	5.329355G	Inf	2

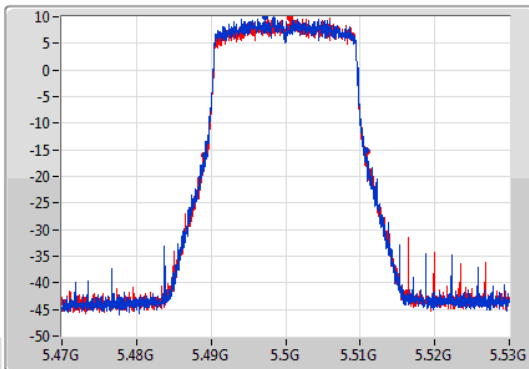
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

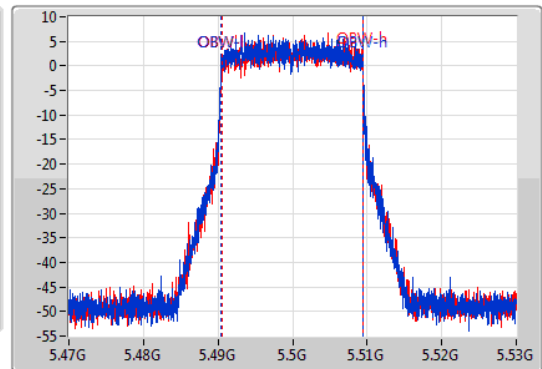
5500MHz

06/08/2019

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
21.63M	5.48923G	5.51086G	18.921M	5.490465G	5.509385G	Inf	1
21.87M	5.48911G	5.51098G	18.861M	5.490525G	5.509385G	Inf	2

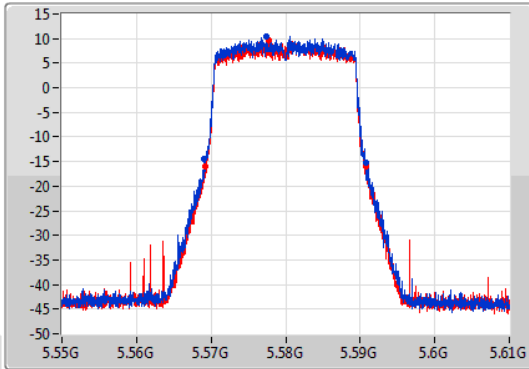
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

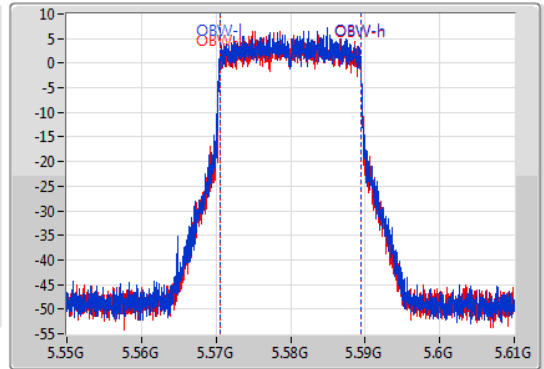
5580MHz

06/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.56908G	5.59074G	18.891M	5.570495G	5.589385G	Inf	1
21.63M	5.56914G	5.59077G	18.861M	5.570525G	5.589385G	Inf	2

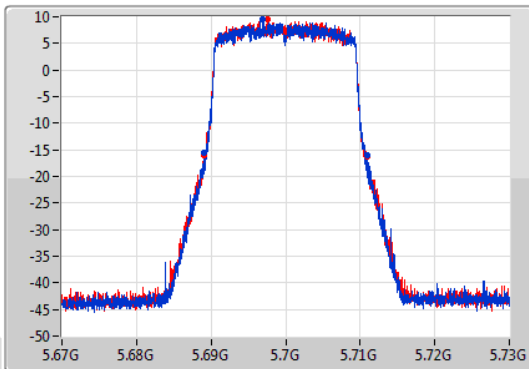
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

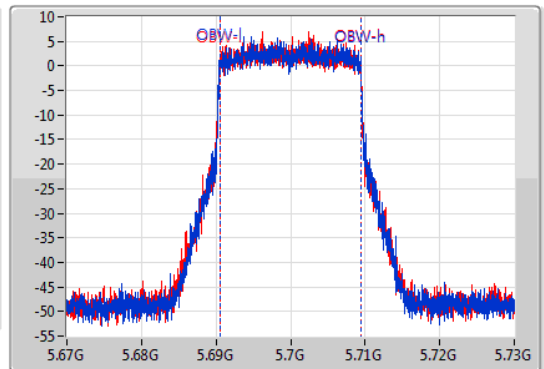
5700MHz

06/08/2019

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



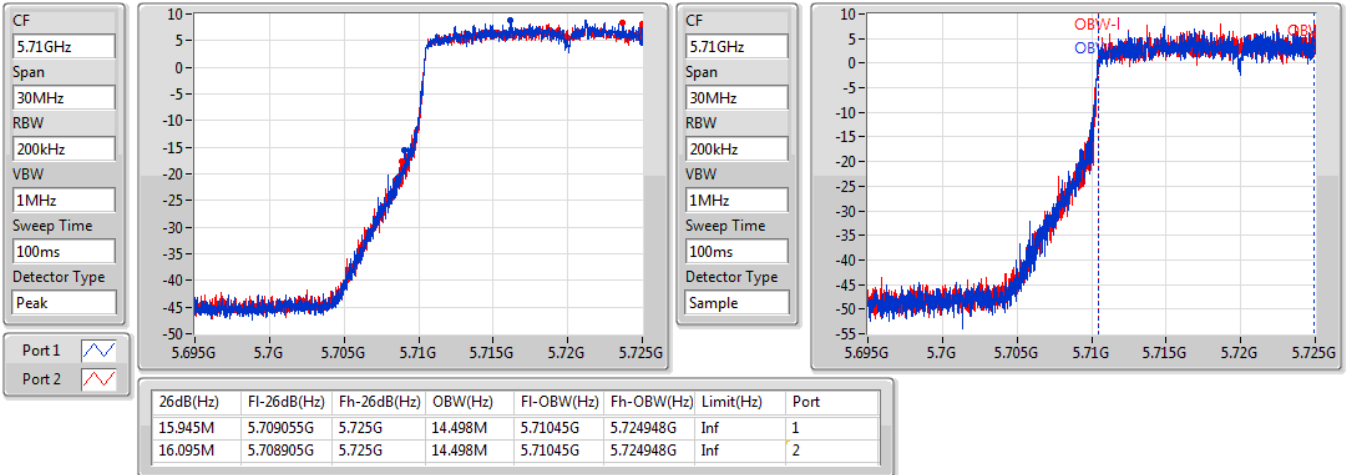
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.68911G	5.71089G	18.891M	5.690495G	5.709385G	Inf	1
21.93M	5.68899G	5.71092G	18.891M	5.690495G	5.709385G	Inf	2

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

EBW

5720MHz Straddle 5.47-5.725GHz

06/08/2019

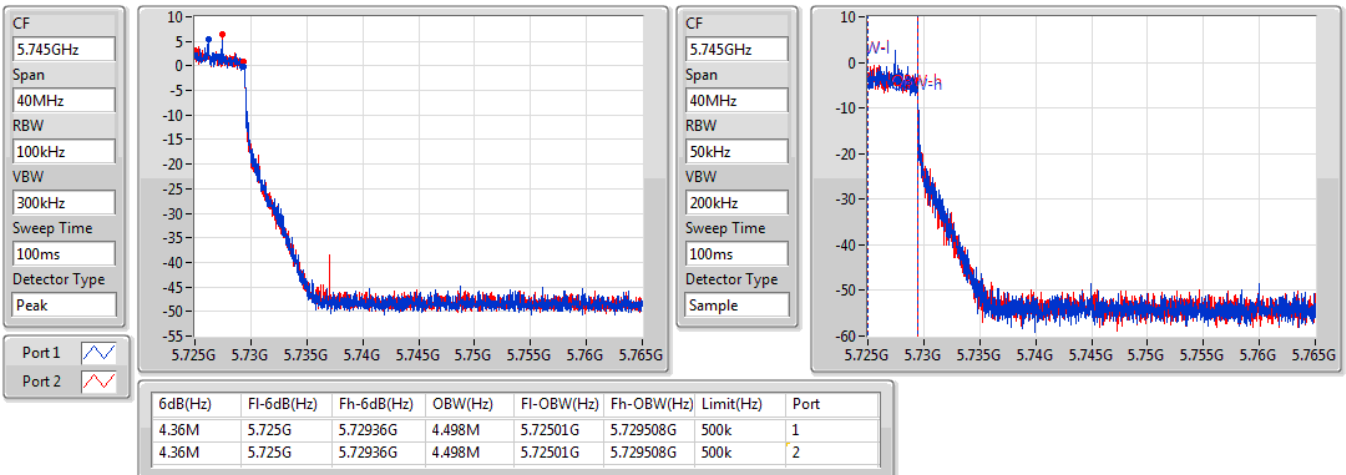


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

06/08/2019





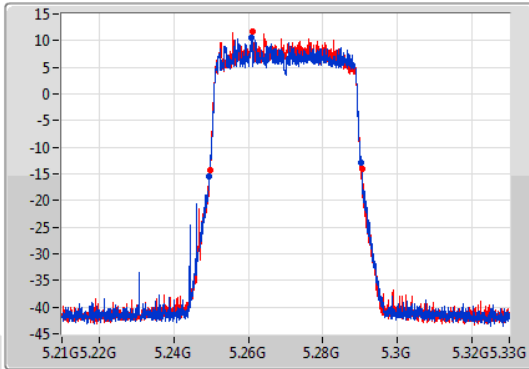
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

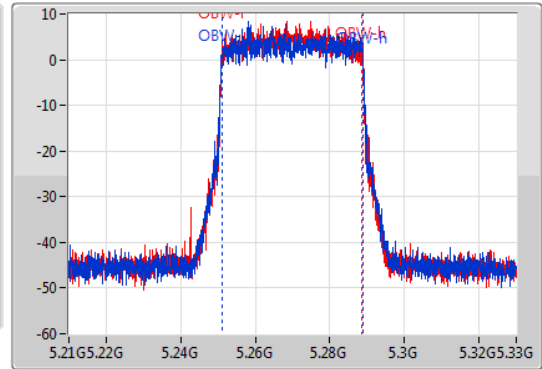
5270MHz

06/08/2019

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
40.92M	5.24942G	5.29034G	37.781M	5.251049G	5.288831G	Inf	1
40.62M	5.24978G	5.2904G	37.541M	5.251109G	5.288651G	Inf	2

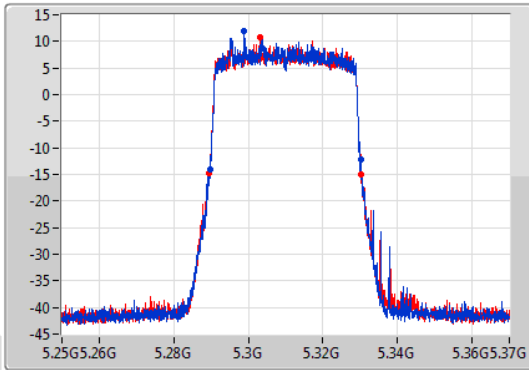
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

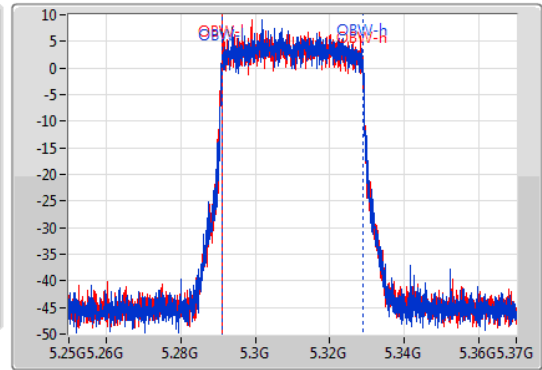
5310MHz

06/08/2019

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
40.38M	5.28972G	5.3301G	37.721M	5.291049G	5.328771G	Inf	1
40.86M	5.28942G	5.33028G	37.661M	5.291109G	5.328771G	Inf	2

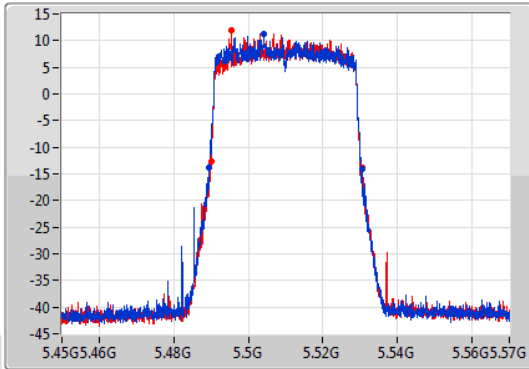
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

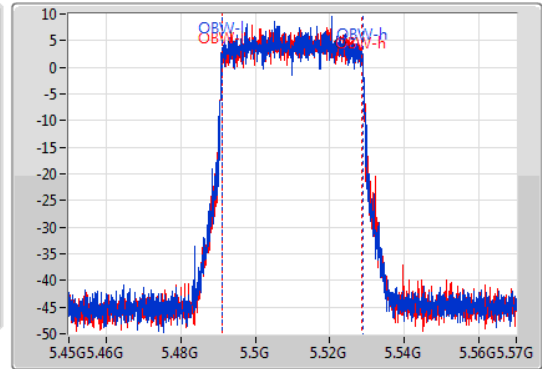
5510MHz

06/08/2019

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
41.04M	5.48936G	5.5304G	37.781M	5.49099G	5.528771G	Inf	1
40.44M	5.48996G	5.5304G	37.661M	5.491049G	5.528711G	Inf	2

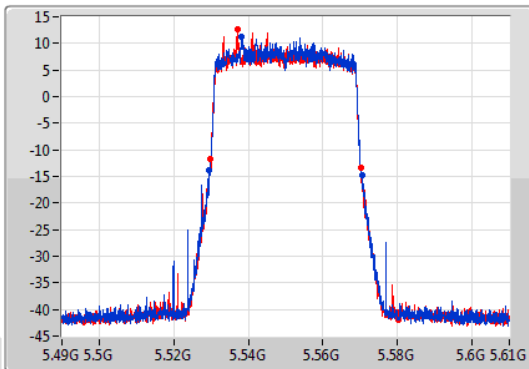
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

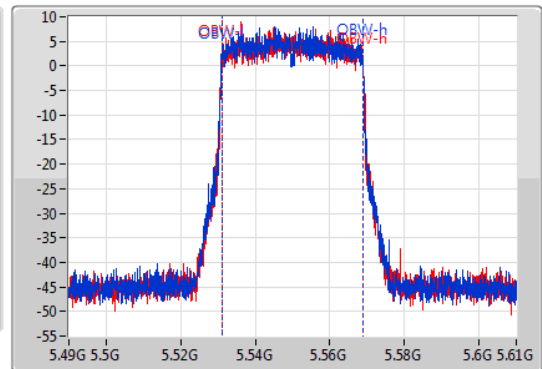
5550MHz

06/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52954G	5.5704G	37.721M	5.531049G	5.568771G	Inf	1
40.38M	5.5299G	5.57028G	37.721M	5.531049G	5.568771G	Inf	2

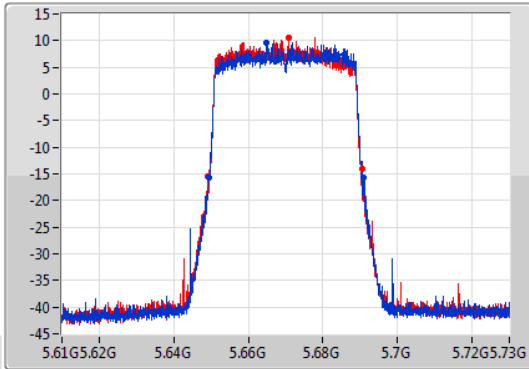
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

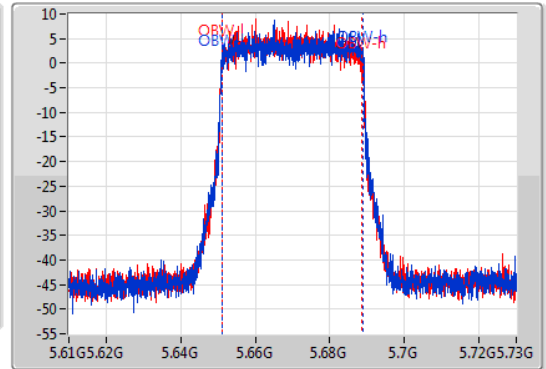
5670MHz

06/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.52M	5.64936G	5.69088G	37.841M	5.651049G	5.688891G	Inf	1
41.34M	5.64918G	5.69052G	37.601M	5.651049G	5.688651G	Inf	2

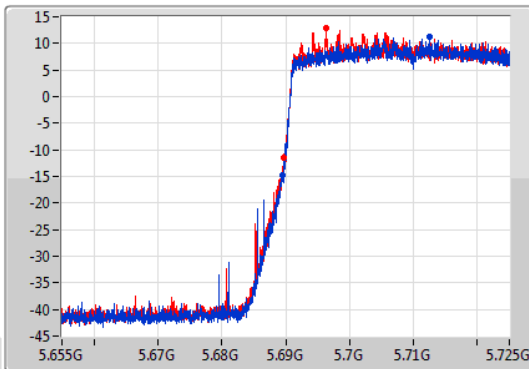
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

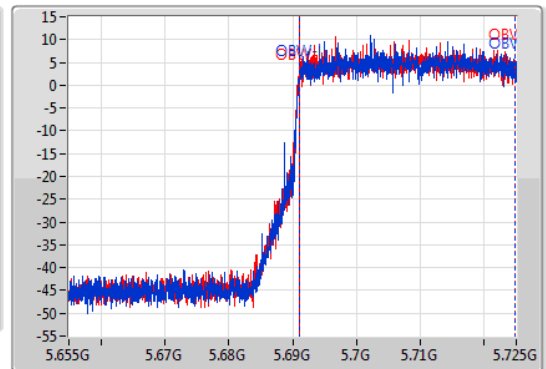
5710MHz Straddle 5.47-5.725GHz

06/08/2019

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



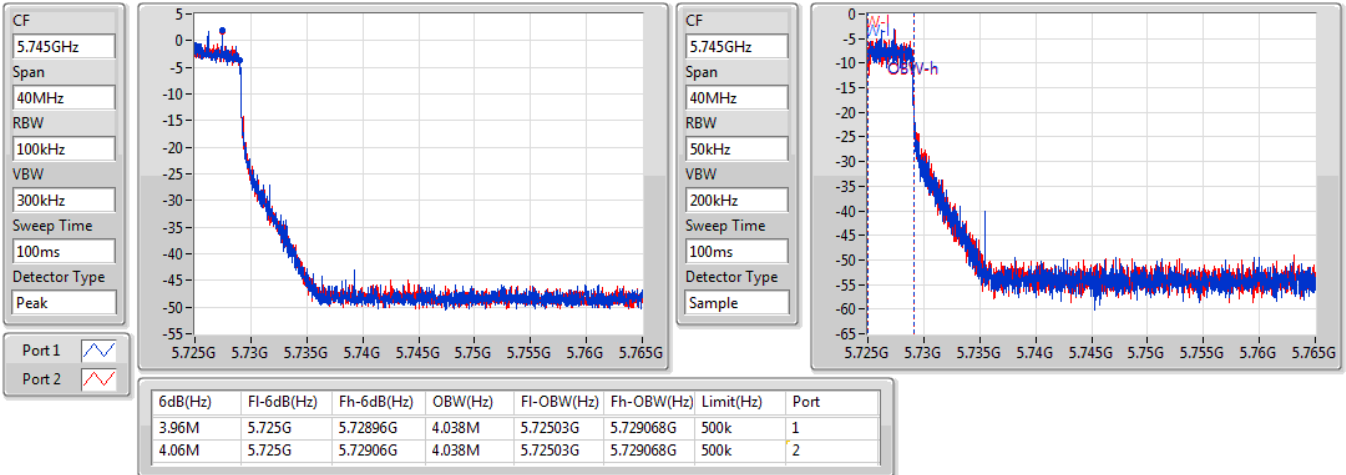
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.56M	5.68944G	5.725G	33.688M	5.691084G	5.724773G	Inf	1
35.385M	5.689615G	5.725G	33.758M	5.691049G	5.724808G	Inf	2

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

EBW

#### 5710MHz Straddle 5.725-5.85GHz

06/08/2019

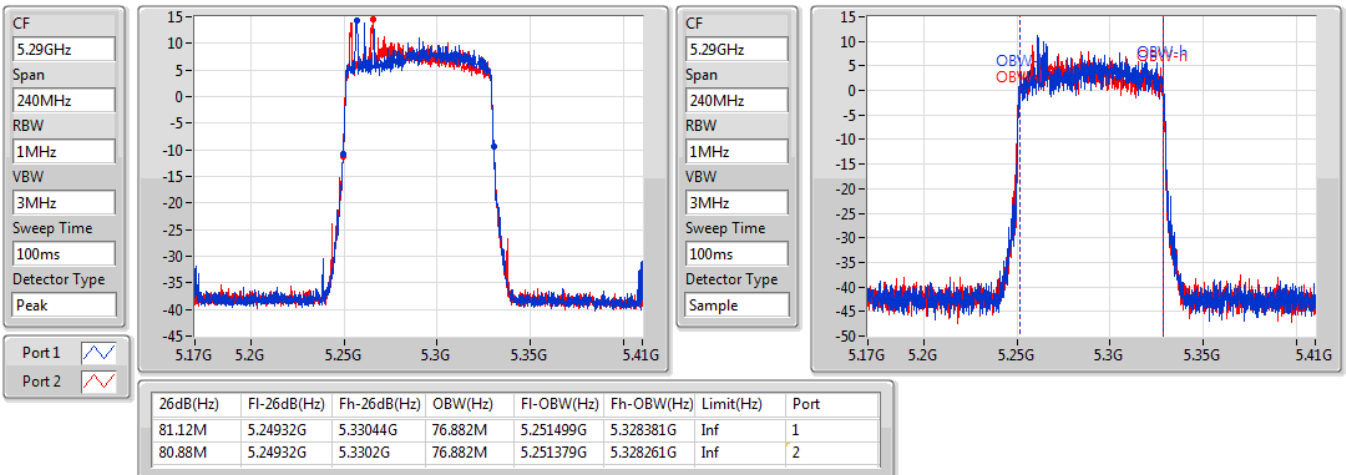


### 802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

#### 5290MHz

06/08/2019



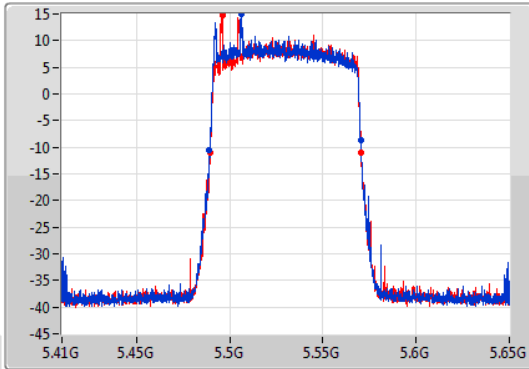
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

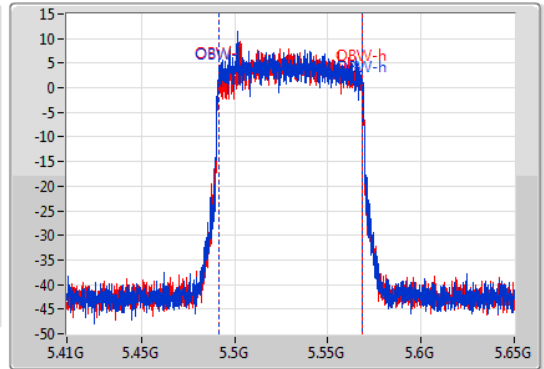
5530MHz

06/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.4892G	5.57044G	77.121M	5.491259G	5.568381G	Inf	1
81.12M	5.48956G	5.57068G	77.001M	5.491499G	5.568501G	Inf	2

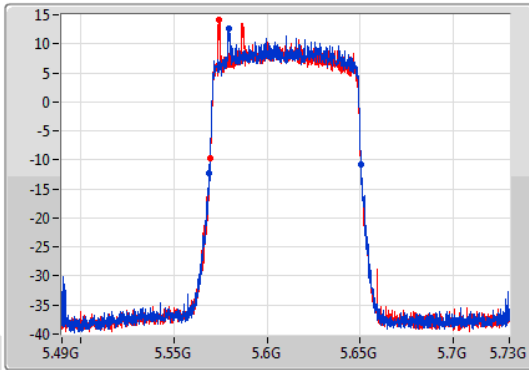
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

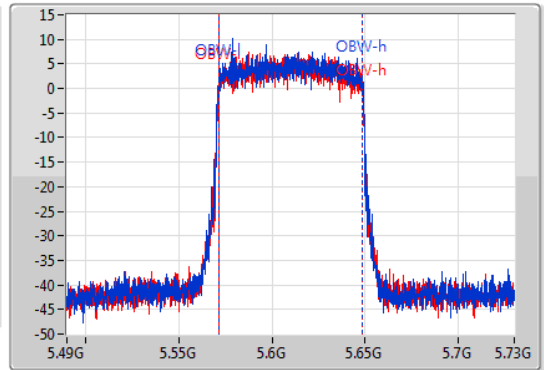
5610MHz

06/08/2019

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



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



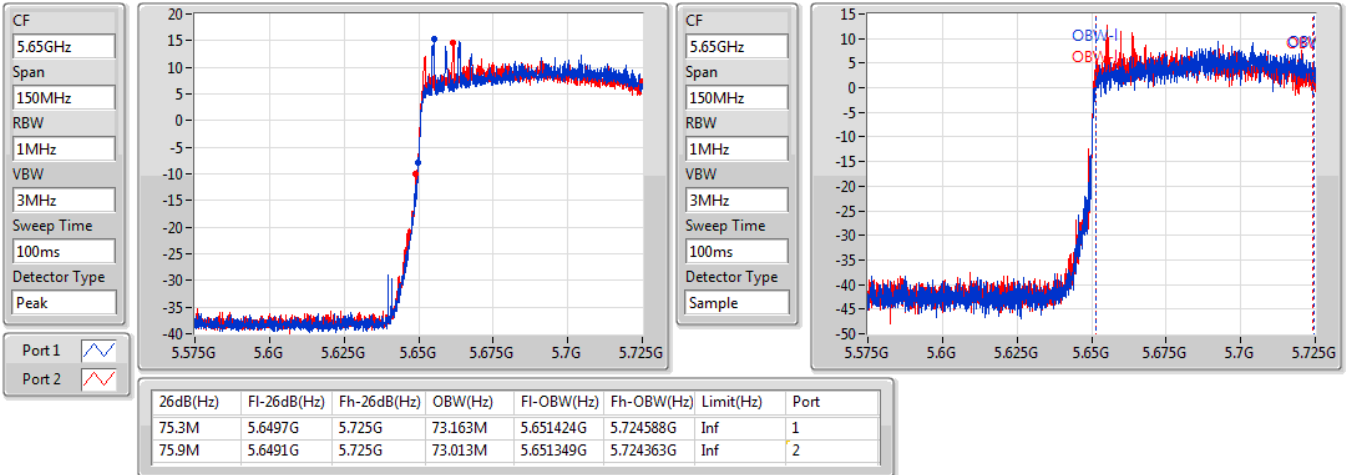
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.56896G	5.65068G	77.121M	5.571379G	5.648501G	Inf	1
80.88M	5.56956G	5.65044G	76.882M	5.571379G	5.648261G	Inf	2

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

EBW

5690MHz Straddle 5.47-5.725GHz

06/08/2019

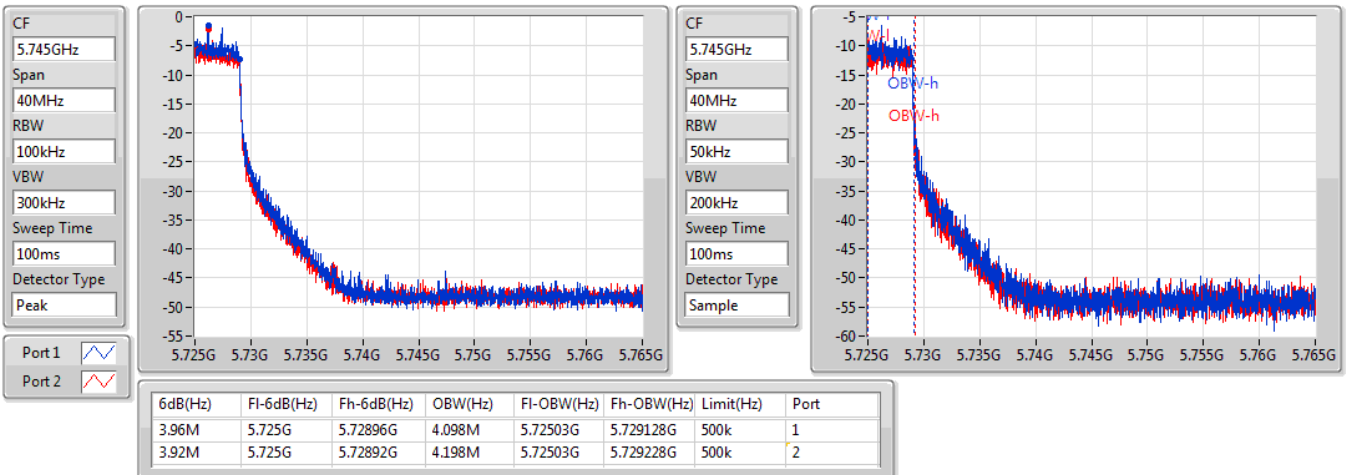


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

06/08/2019



**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)_4TX	20.88M	16.402M	16M4D1D	20.43M	16.372M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.08M	18.951M	19M0D1D	21.21M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.22M	37.781M	37M8D1D	40.98M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.8M	77.001M	77M0D1D	81.96M	76.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.85M	16.492M	16M5D1D	15.18M	13.223M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.41M	18.951M	19M0D1D	15.855M	14.483M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.58M	37.721M	37M7D1D	35.35M	33.723M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.04M	77.241M	77M2D1D	76.275M	73.088M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.14M	3.518M	3M52D1D	3.06M	3.478M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.32M	4.498M	4M50D1D	4.16M	4.478M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.08M	4.058M	4M06D1D	3.98M	4.038M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.04M	4.118M	4M12D1D	3.94M	4.098M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.46M	16.372M	20.64M	16.372M	20.88M	16.402M	20.67M	16.372M
5300MHz	Pass	Inf	20.49M	16.372M	20.43M	16.402M	20.85M	16.402M	20.58M	16.372M
5320MHz	Pass	Inf	20.52M	16.402M	20.58M	16.372M	20.55M	16.402M	20.58M	16.402M
5500MHz	Pass	Inf	20.7M	16.402M	20.73M	16.402M	20.52M	16.372M	20.61M	16.402M
5580MHz	Pass	Inf	20.73M	16.462M	20.76M	16.492M	20.85M	16.402M	20.76M	16.402M
5700MHz	Pass	Inf	19.86M	16.372M	20.34M	16.402M	20.64M	16.432M	20.55M	16.372M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.33M	13.223M	15.315M	13.253M	15.21M	13.268M	15.18M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.478M	3.06M	3.478M	3.14M	3.498M	3.08M	3.518M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.93M	18.921M	21.42M	18.951M	21.21M	18.891M	21.48M	18.921M
5300MHz	Pass	Inf	21.57M	18.891M	21.72M	18.891M	22.08M	18.921M	21.63M	18.951M
5320MHz	Pass	Inf	21.75M	18.951M	21.84M	18.921M	21.72M	18.921M	21.48M	18.921M
5500MHz	Pass	Inf	21.96M	18.891M	21.69M	18.891M	21.93M	18.921M	22.2M	18.921M
5580MHz	Pass	Inf	21.6M	18.891M	21.45M	18.891M	21.78M	18.921M	21.69M	18.861M
5700MHz	Pass	Inf	21.63M	18.861M	22.41M	18.921M	21.54M	18.951M	22.02M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.99M	14.498M	16.005M	14.483M	15.855M	14.513M	15.855M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.498M	4.32M	4.478M	4.16M	4.478M	4.32M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.04M	37.601M	41.04M	37.661M	41.1M	37.721M	41.04M	37.721M
5310MHz	Pass	Inf	41.16M	37.781M	40.98M	37.661M	41.22M	37.661M	41.16M	37.721M
5510MHz	Pass	Inf	40.74M	37.721M	41.04M	37.721M	41.22M	37.661M	41.58M	37.721M
5550MHz	Pass	Inf	41.1M	37.721M	40.98M	37.661M	41.4M	37.721M	41.16M	37.661M
5670MHz	Pass	Inf	40.98M	37.721M	41.1M	37.601M	40.74M	37.721M	41.16M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.805M	33.723M	35.525M	33.723M	35.7M	33.863M	35.35M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.038M	4.08M	4.058M	3.98M	4.038M	3.98M	4.038M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	77.001M	82.68M	77.001M	82.8M	76.882M	82.08M	76.762M
5530MHz	Pass	Inf	82.32M	77.121M	82.32M	77.121M	82.32M	77.121M	82.2M	77.121M
5610MHz	Pass	Inf	82.44M	77.121M	82.2M	76.762M	83.04M	77.241M	81.96M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	73.088M	76.425M	73.163M	76.425M	73.388M	76.275M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.098M	4.04M	4.118M	3.94M	4.118M	3.98M	4.118M

**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;**

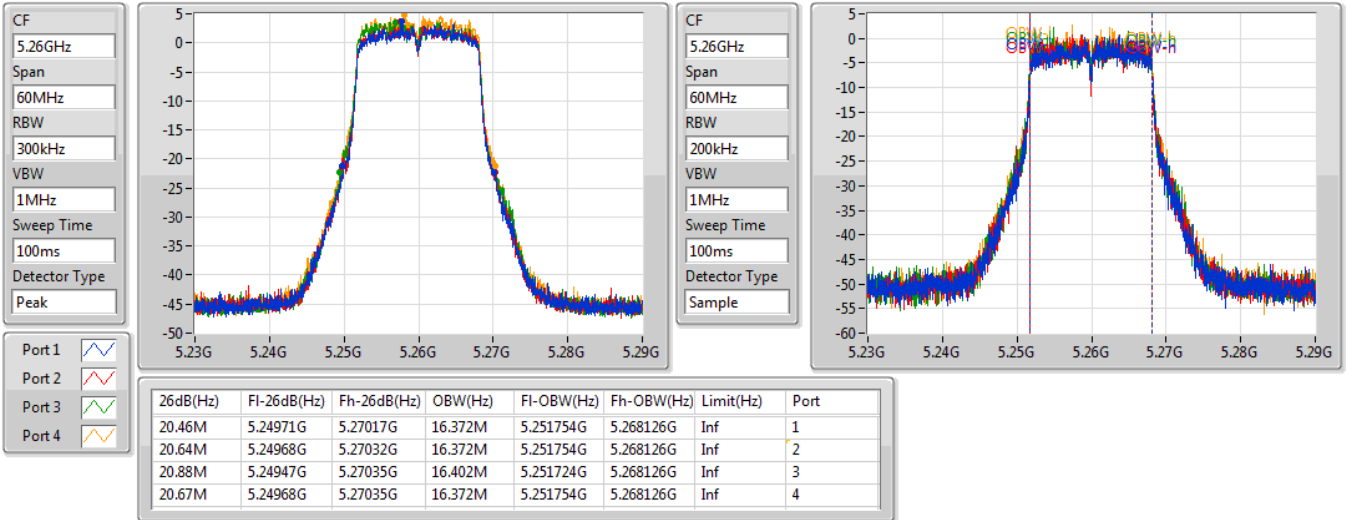


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5260MHz

31/07/2019

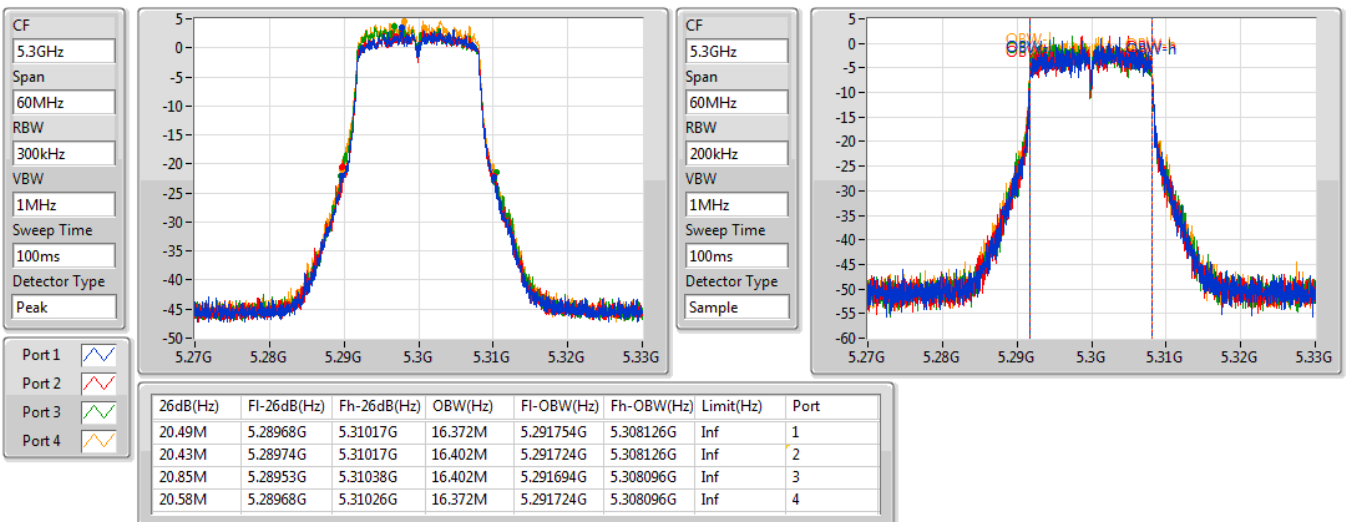


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5300MHz

31/07/2019



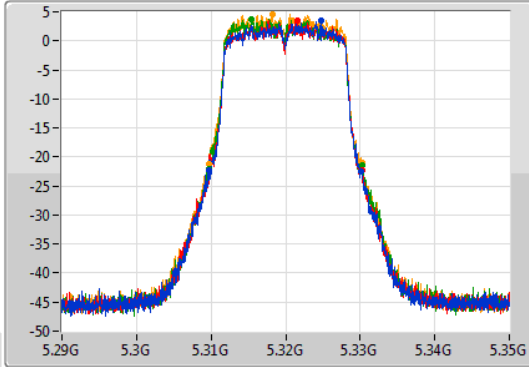
802.11a\_Nss1,(6Mbps)\_4TX

EBW

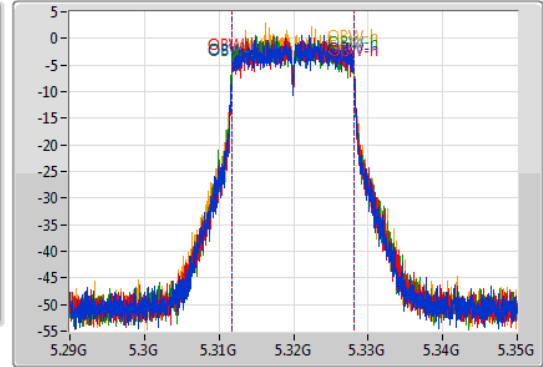
5320MHz

31/07/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.30965G	5.33017G	16.402M	5.311724G	5.328126G	Inf	1
20.58M	5.30965G	5.33023G	16.372M	5.311754G	5.328126G	Inf	2
20.55M	5.30968G	5.33023G	16.402M	5.311694G	5.328096G	Inf	3
20.58M	5.30965G	5.33023G	16.402M	5.311724G	5.328126G	Inf	4

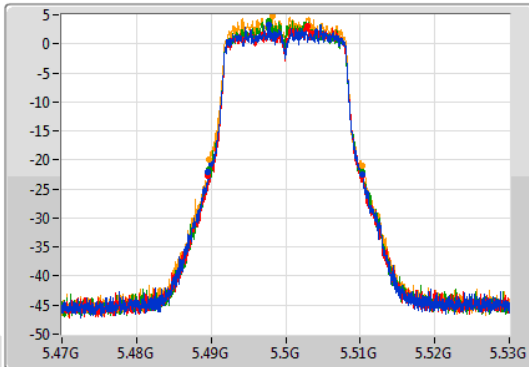
802.11a\_Nss1,(6Mbps)\_4TX

EBW

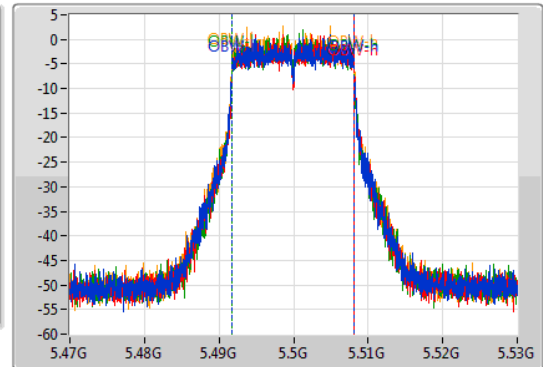
5500MHz

31/07/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.48962G	5.51032G	16.402M	5.491724G	5.508126G	Inf	1
20.73M	5.48962G	5.51035G	16.402M	5.491724G	5.508126G	Inf	2
20.52M	5.48971G	5.51023G	16.372M	5.491754G	5.508126G	Inf	3
20.61M	5.48974G	5.51035G	16.402M	5.491724G	5.508126G	Inf	4

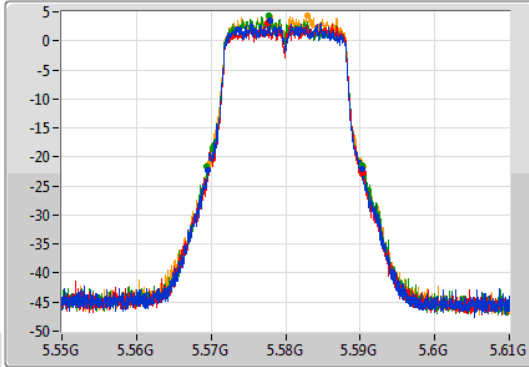
802.11a\_Nss1,(6Mbps)\_4TX

EBW

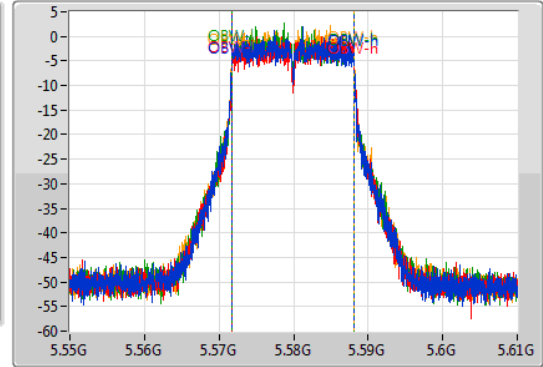
5580MHz

31/07/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.56953G	5.59026G	16.462M	5.571664G	5.588126G	Inf	1
20.76M	5.56962G	5.59038G	16.492M	5.571694G	5.588186G	Inf	2
20.85M	5.56944G	5.59029G	16.402M	5.571724G	5.588126G	Inf	3
20.76M	5.56965G	5.59041G	16.402M	5.571724G	5.588126G	Inf	4

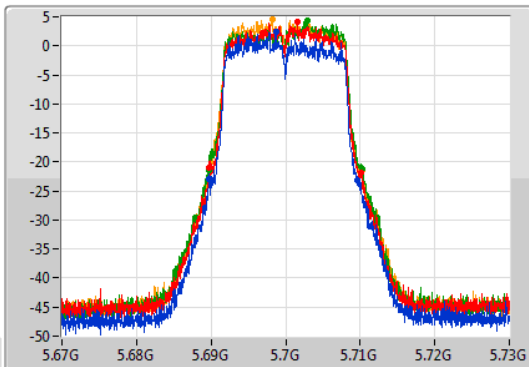
802.11a\_Nss1,(6Mbps)\_4TX

EBW

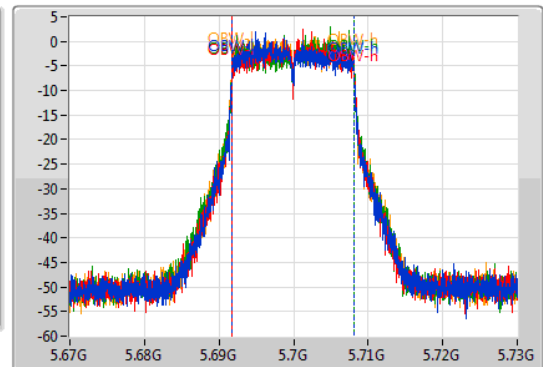
5700MHz

31/07/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

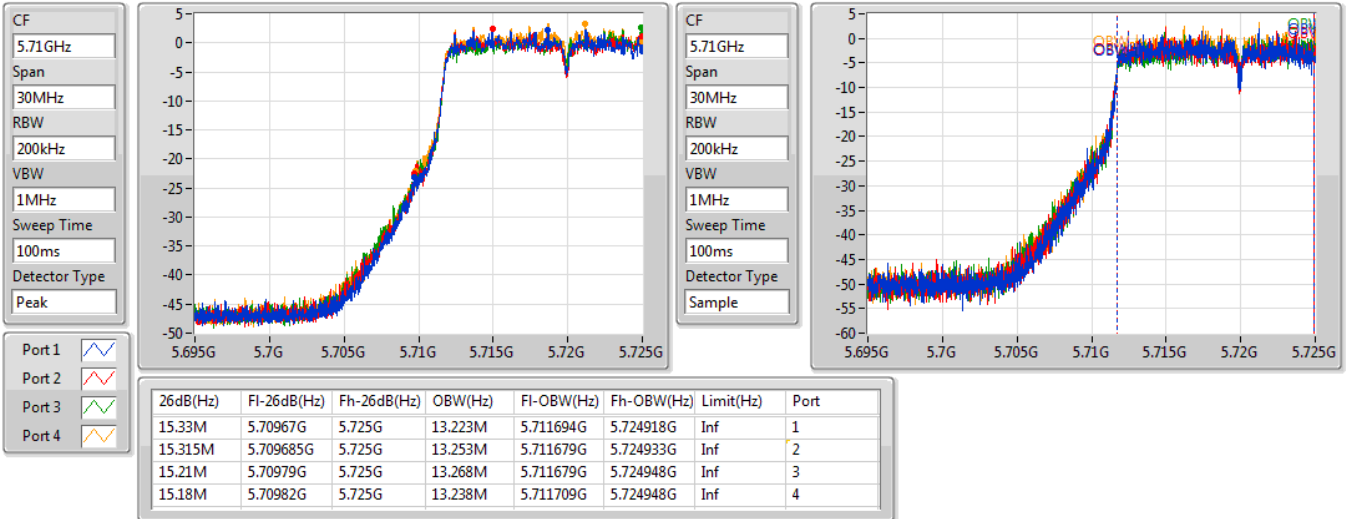
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.86M	5.68974G	5.7096G	16.372M	5.691724G	5.708096G	Inf	1
20.34M	5.68971G	5.71005G	16.402M	5.691724G	5.708126G	Inf	2
20.64M	5.68965G	5.71029G	16.432M	5.691694G	5.708126G	Inf	3
20.55M	5.68968G	5.71023G	16.372M	5.691724G	5.708096G	Inf	4

802.11a\_Nss1,(6Mbps)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

31/07/2019

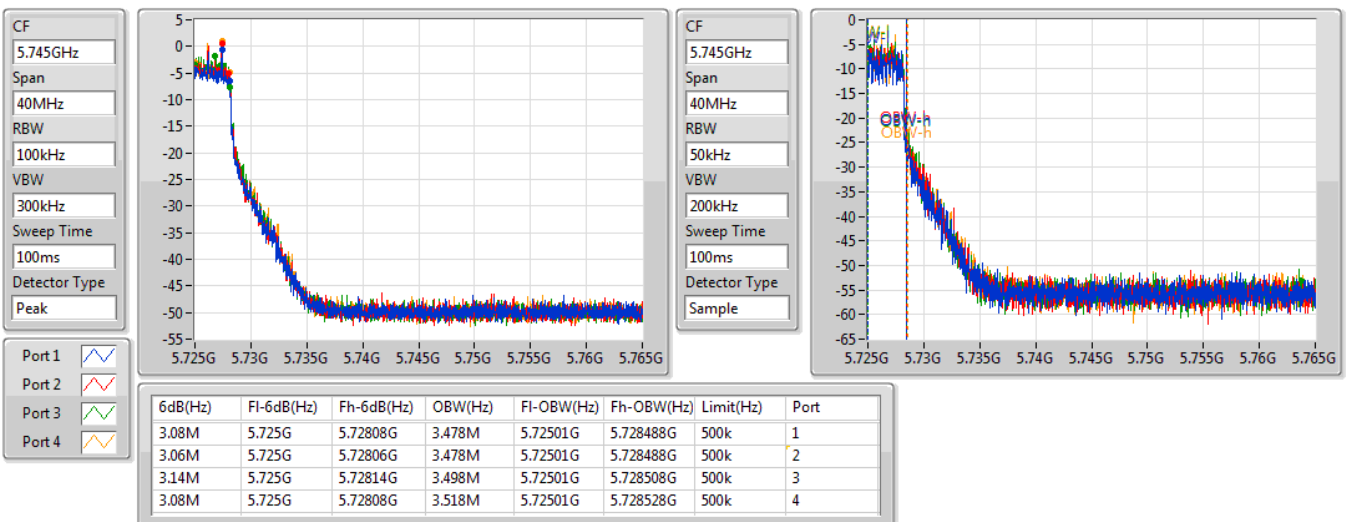


802.11a\_Nss1,(6Mbps)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

31/07/2019



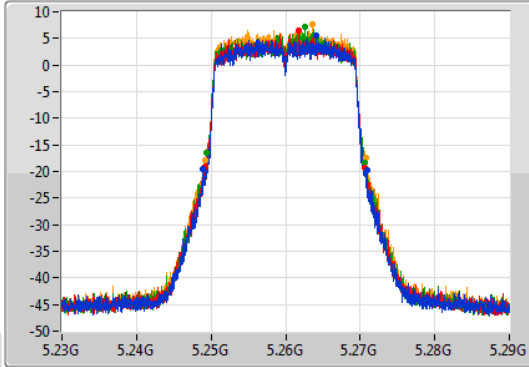
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

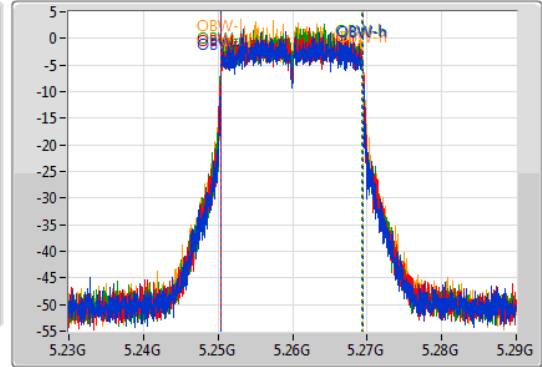
5260MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.24896G	5.27089G	18.921M	5.250465G	5.269385G	Inf	1
21.42M	5.24914G	5.27056G	18.951M	5.250435G	5.269385G	Inf	2
21.21M	5.24932G	5.27053G	18.891M	5.250465G	5.269355G	Inf	3
21.48M	5.24926G	5.27074G	18.921M	5.250465G	5.269385G	Inf	4

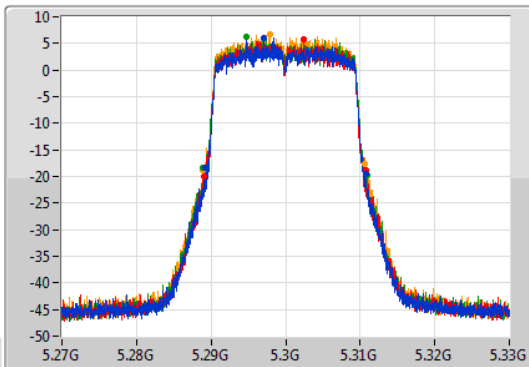
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

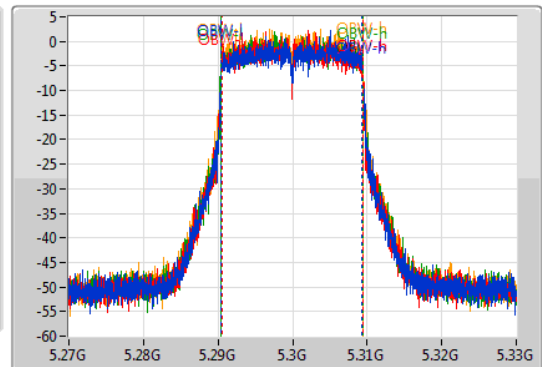
5300MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.28923G	5.3108G	18.891M	5.290465G	5.309355G	Inf	1
21.72M	5.28902G	5.31074G	18.891M	5.290495G	5.309385G	Inf	2
22.08M	5.28893G	5.31101G	18.921M	5.290465G	5.309385G	Inf	3
21.63M	5.28896G	5.31059G	18.951M	5.290435G	5.309385G	Inf	4

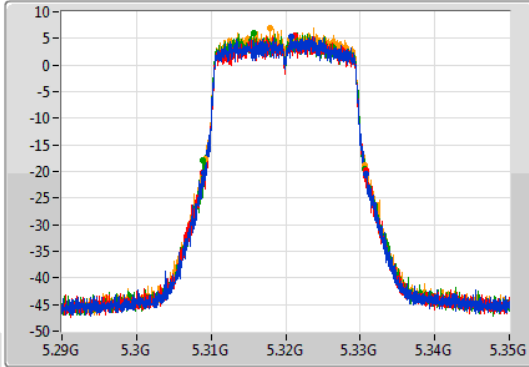
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

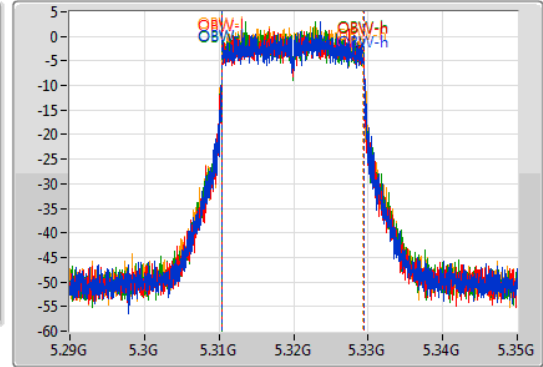
5320MHz

01/08/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.30911G	5.33086G	18.951M	5.310435G	5.329385G	Inf	1
21.84M	5.3089G	5.33074G	18.921M	5.310465G	5.329385G	Inf	2
21.72M	5.3089G	5.33062G	18.921M	5.310465G	5.329385G	Inf	3
21.48M	5.3092G	5.33068G	18.921M	5.310435G	5.329355G	Inf	4

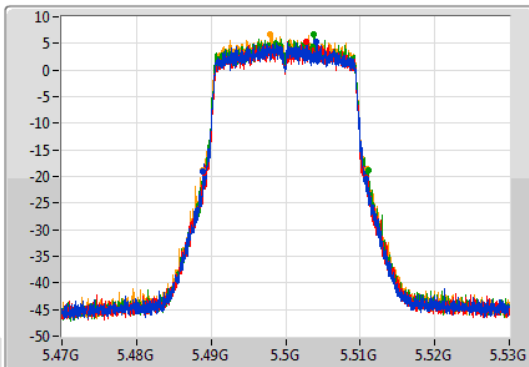
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

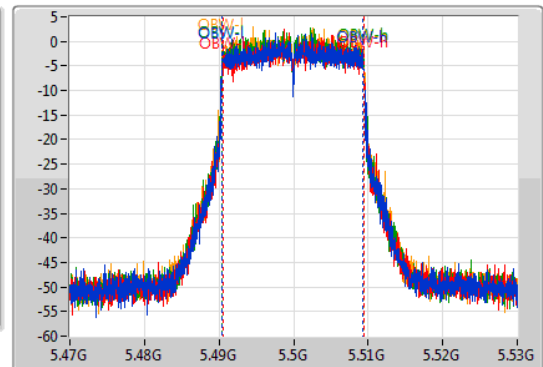
5500MHz

01/08/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.4889G	5.51086G	18.891M	5.490465G	5.509355G	Inf	1
21.69M	5.48902G	5.51071G	18.891M	5.490495G	5.509385G	Inf	2
21.93M	5.48911G	5.51104G	18.921M	5.490465G	5.509385G	Inf	3
22.2M	5.48881G	5.51101G	18.921M	5.490465G	5.509385G	Inf	4

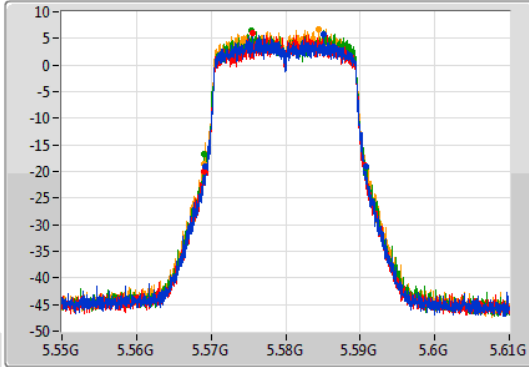
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

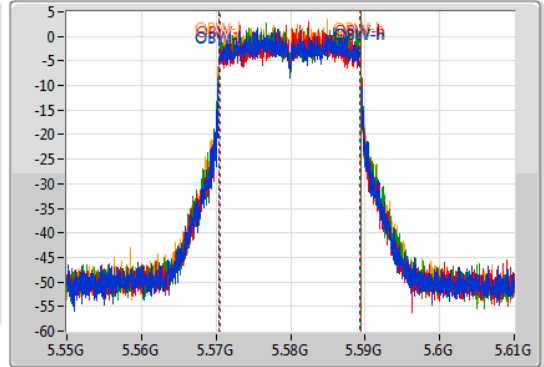
5580MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.56914G	5.59074G	18.891M	5.570465G	5.589355G	Inf	1
21.45M	5.56908G	5.59053G	18.891M	5.570495G	5.589385G	Inf	2
21.78M	5.56902G	5.5908G	18.921M	5.570465G	5.589385G	Inf	3
21.69M	5.56911G	5.5908G	18.861M	5.570465G	5.589325G	Inf	4

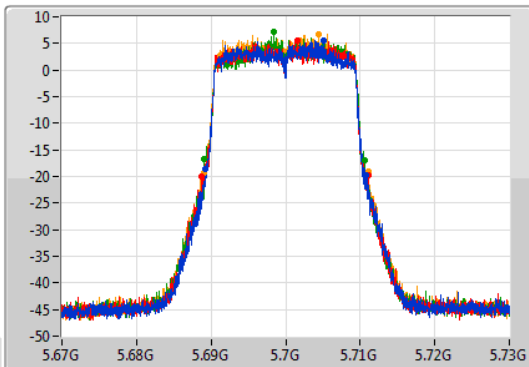
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

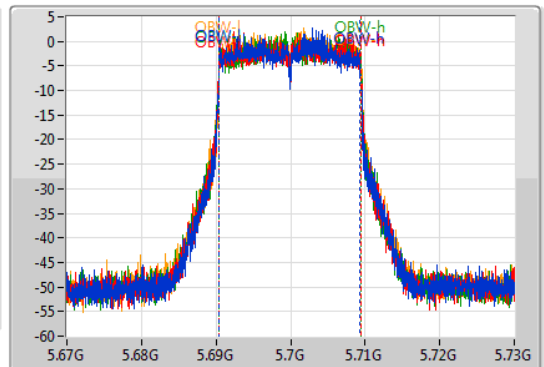
5700MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.68917G	5.7108G	18.861M	5.690465G	5.709325G	Inf	1
22.41M	5.68872G	5.71113G	18.921M	5.690465G	5.709385G	Inf	2
21.54M	5.68902G	5.71056G	18.951M	5.690465G	5.709415G	Inf	3
22.02M	5.68905G	5.71107G	18.921M	5.690465G	5.709385G	Inf	4

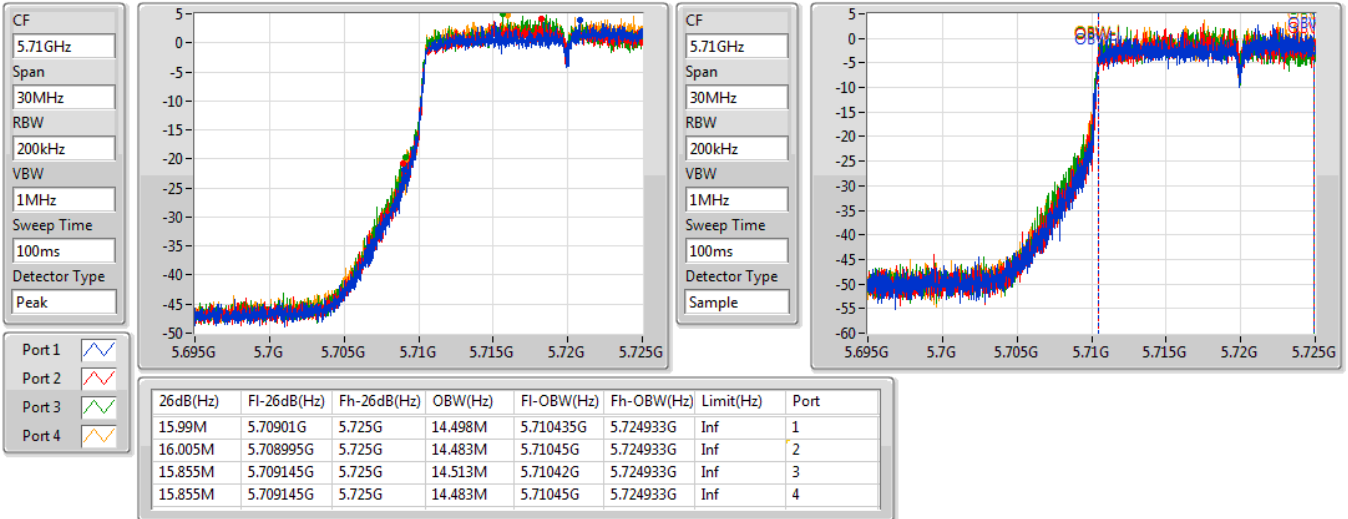


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

01/08/2019

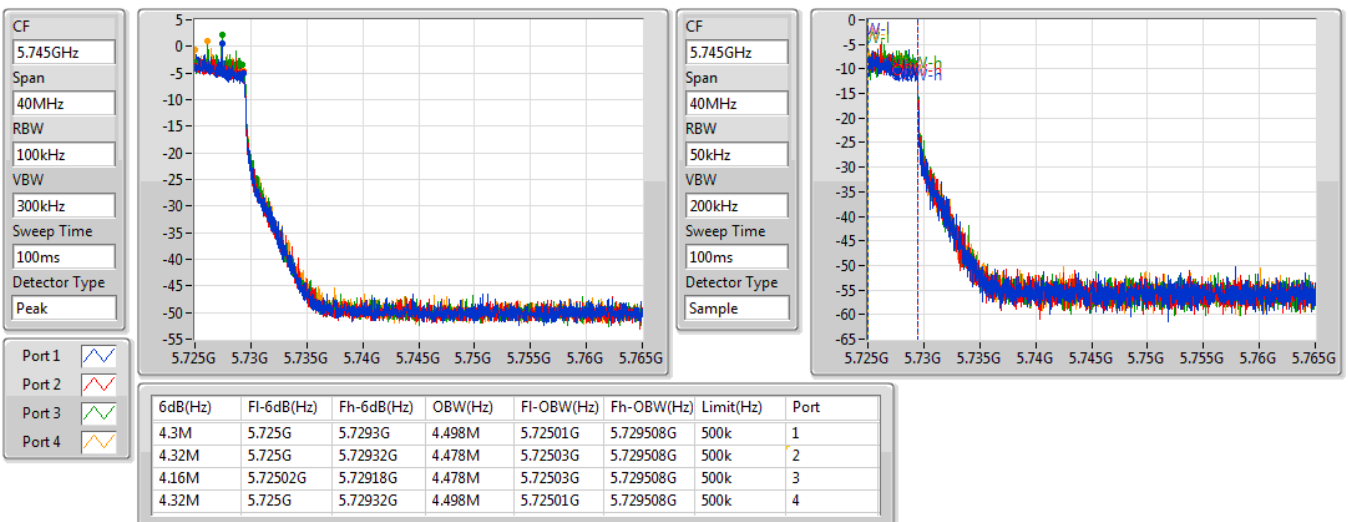


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2019





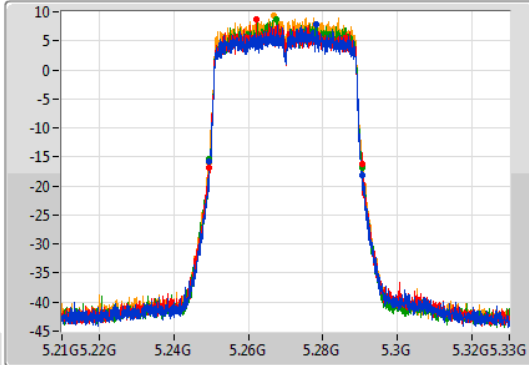
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

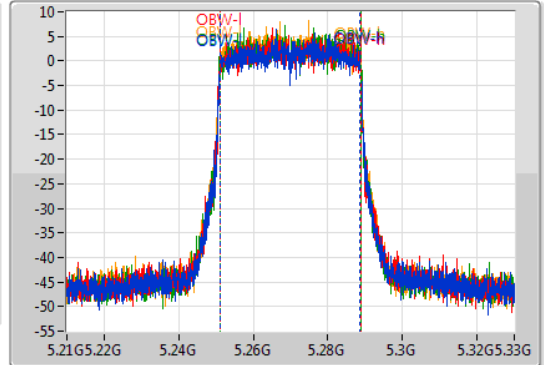
5270MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.2496G	5.29064G	37.601M	5.251109G	5.288711G	Inf	1
41.04M	5.24948G	5.29052G	37.661M	5.251109G	5.288711G	Inf	2
41.1M	5.24948G	5.29058G	37.721M	5.251049G	5.288711G	Inf	3
41.04M	5.24954G	5.29058G	37.721M	5.251049G	5.288711G	Inf	4

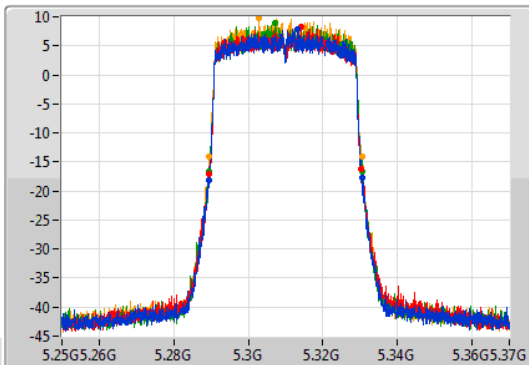
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

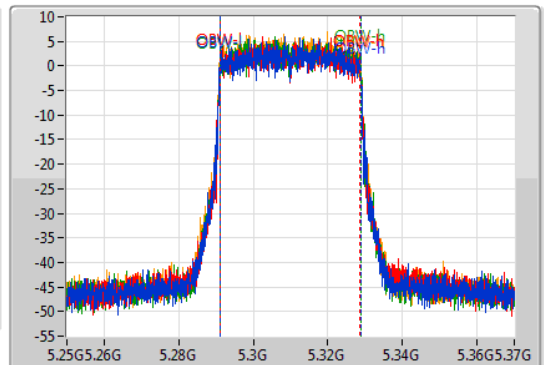
5310MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.2893G	5.33046G	37.781M	5.29099G	5.328711G	Inf	1
40.98M	5.2893G	5.33028G	37.661M	5.291049G	5.328711G	Inf	2
41.22M	5.28942G	5.33064G	37.661M	5.291109G	5.328711G	Inf	3
41.16M	5.28954G	5.3307G	37.721M	5.291049G	5.328711G	Inf	4

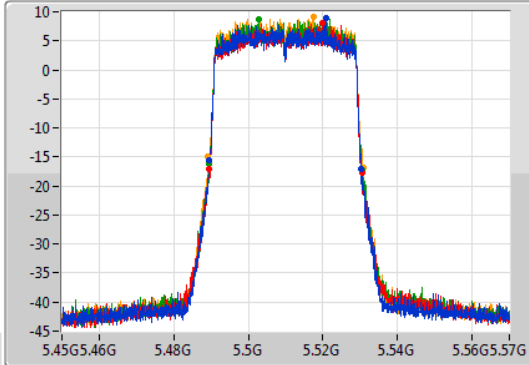
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

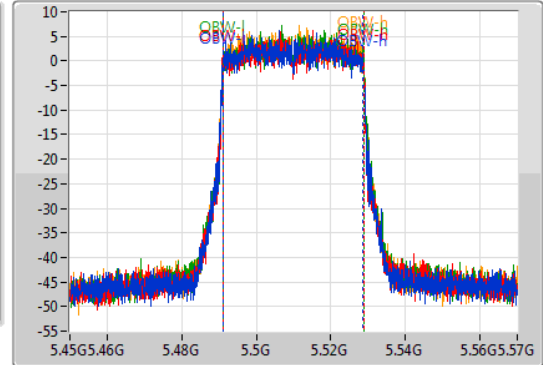
5510MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.48948G	5.53022G	37.721M	5.49099G	5.52871G	Inf	1
41.04M	5.4896G	5.53064G	37.721M	5.491049G	5.528771G	Inf	2
41.22M	5.48942G	5.53064G	37.661M	5.491109G	5.528771G	Inf	3
41.58M	5.48918G	5.53076G	37.721M	5.491049G	5.528771G	Inf	4

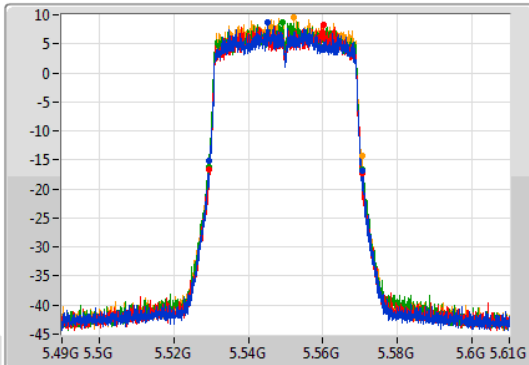
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

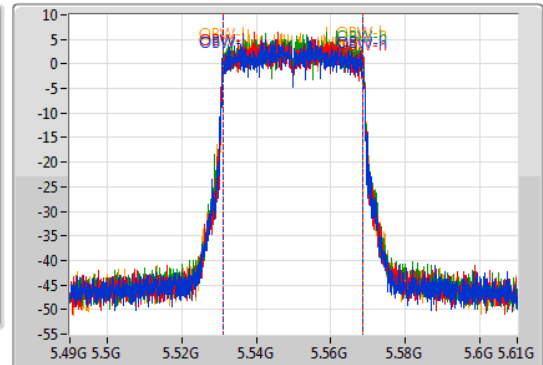
5550MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.5293G	5.5704G	37.721M	5.53099G	5.56871G	Inf	1
40.98M	5.5296G	5.57058G	37.661M	5.531049G	5.56871G	Inf	2
41.4M	5.5293G	5.5707G	37.721M	5.53099G	5.56871G	Inf	3
41.16M	5.5293G	5.57046G	37.661M	5.531049G	5.56871G	Inf	4

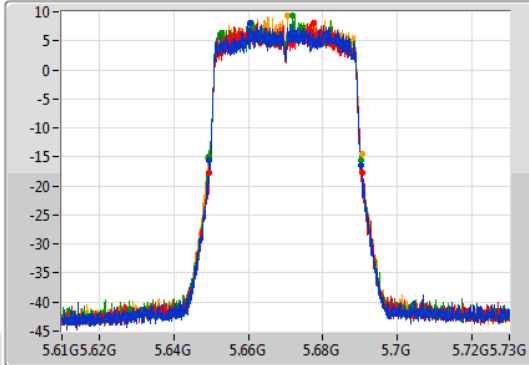
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

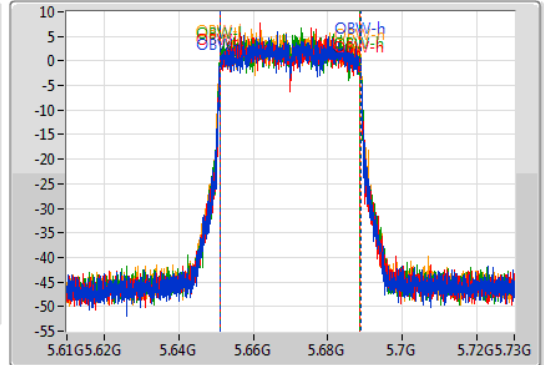
5670MHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.6493G	5.69028G	37.721M	5.651049G	5.688771G	Inf	1
41.1M	5.64948G	5.69058G	37.601M	5.651109G	5.688711G	Inf	2
40.74M	5.64942G	5.69016G	37.721M	5.65099G	5.688711G	Inf	3
41.16M	5.64924G	5.6904G	37.721M	5.651049G	5.688771G	Inf	4

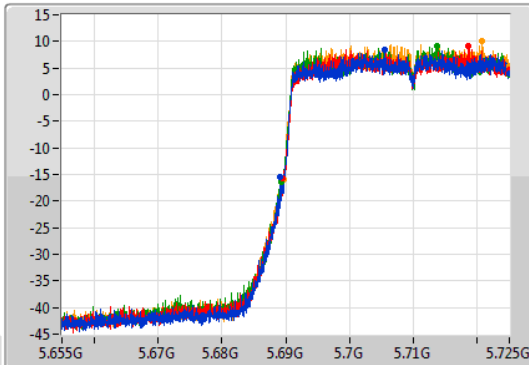
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

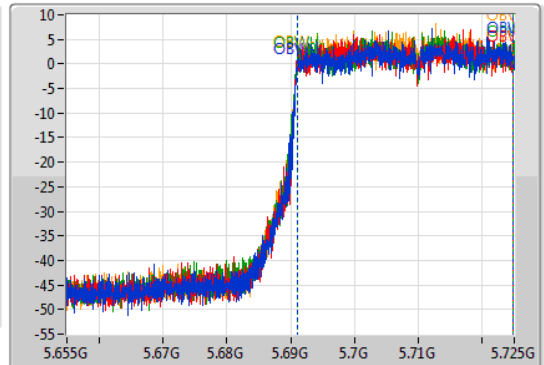
5710MHz Straddle 5.47-5.725GHz

01/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

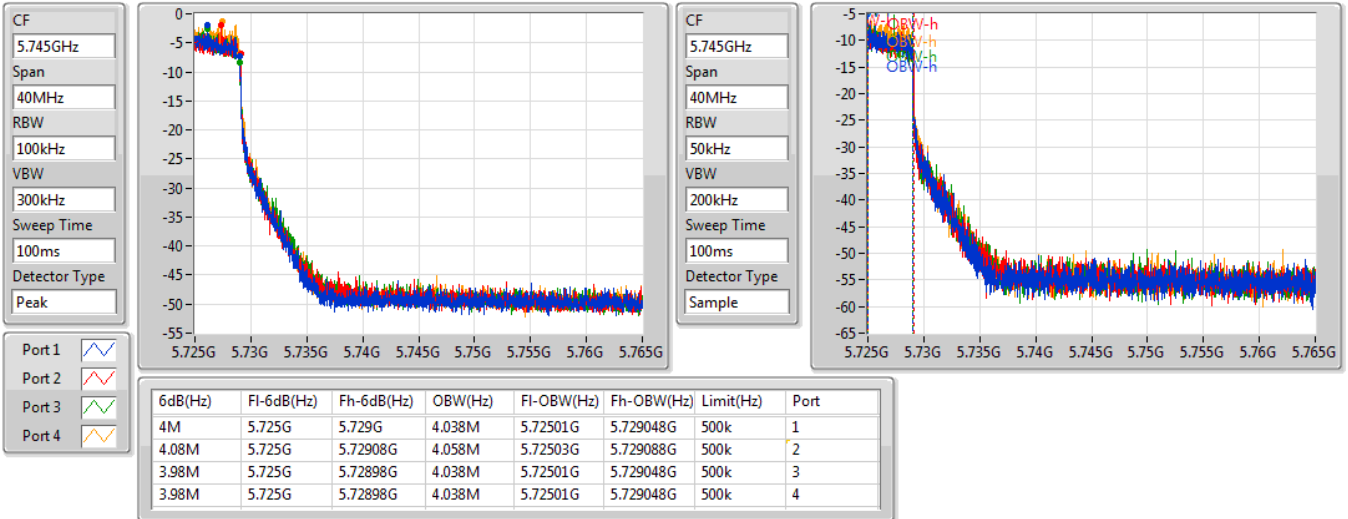
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.805M	5.689195G	5.725G	33.723M	5.691049G	5.724773G	Inf	1
35.525M	5.689475G	5.725G	33.723M	5.691049G	5.724773G	Inf	2
35.7M	5.6893G	5.725G	33.863M	5.69098G	5.724843G	Inf	3
35.35M	5.68965G	5.725G	33.828M	5.691049G	5.724878G	Inf	4

802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

01/08/2019

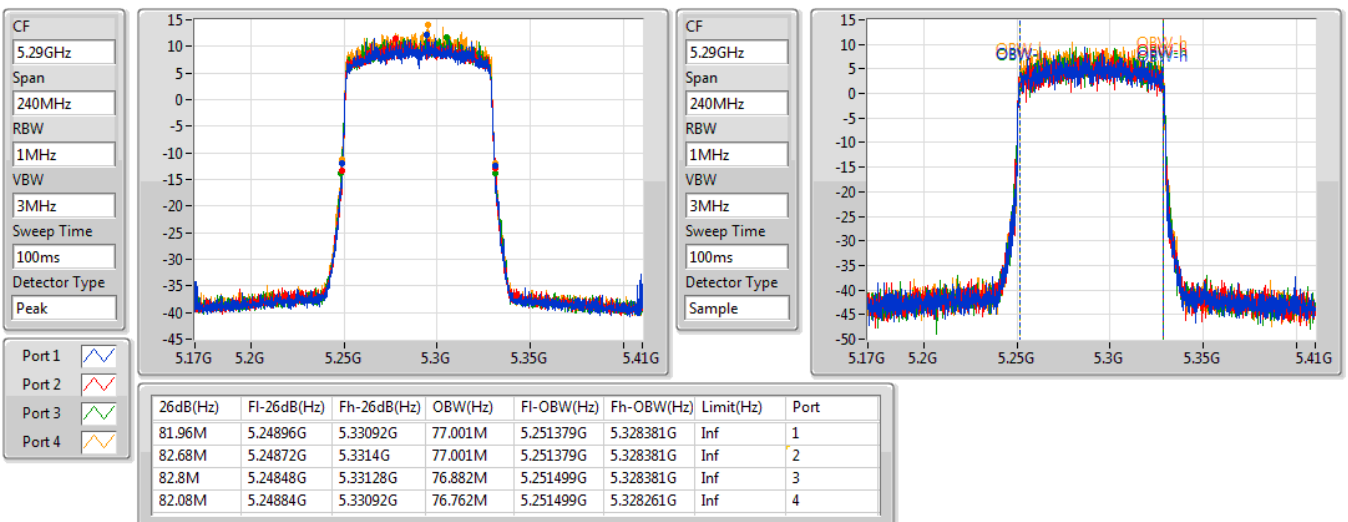


802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5290MHz

01/08/2019



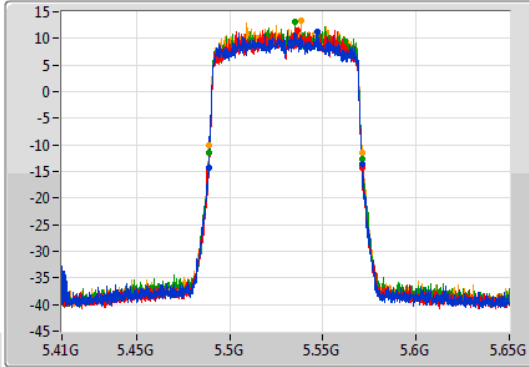
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

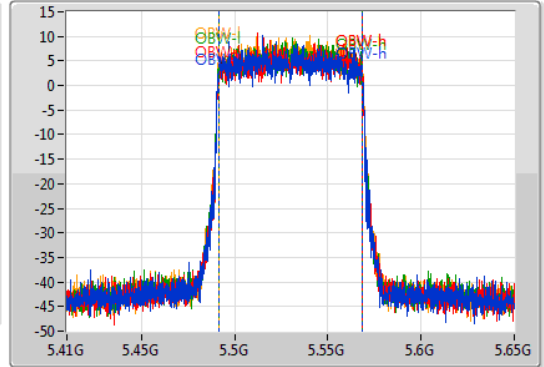
5530MHz

01/08/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48884G	5.57116G	77.121M	5.491379G	5.568501G	Inf	1
82.32M	5.48884G	5.57116G	77.121M	5.491379G	5.568501G	Inf	2
82.32M	5.48896G	5.57128G	77.121M	5.491259G	5.568381G	Inf	3
82.2M	5.48884G	5.57104G	77.121M	5.491259G	5.568381G	Inf	4

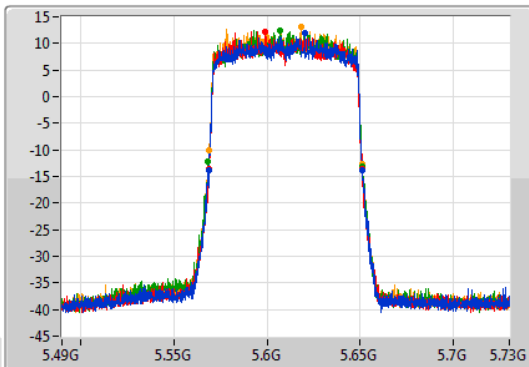
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

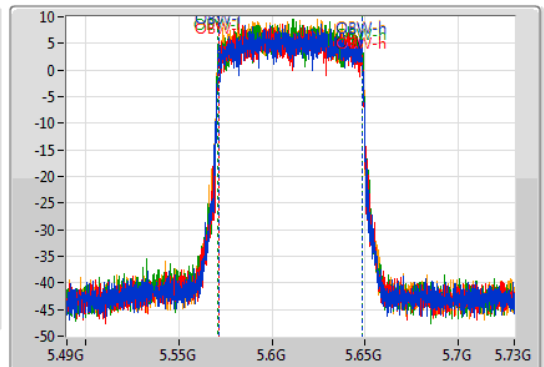
5610MHz

01/08/2019

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



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



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

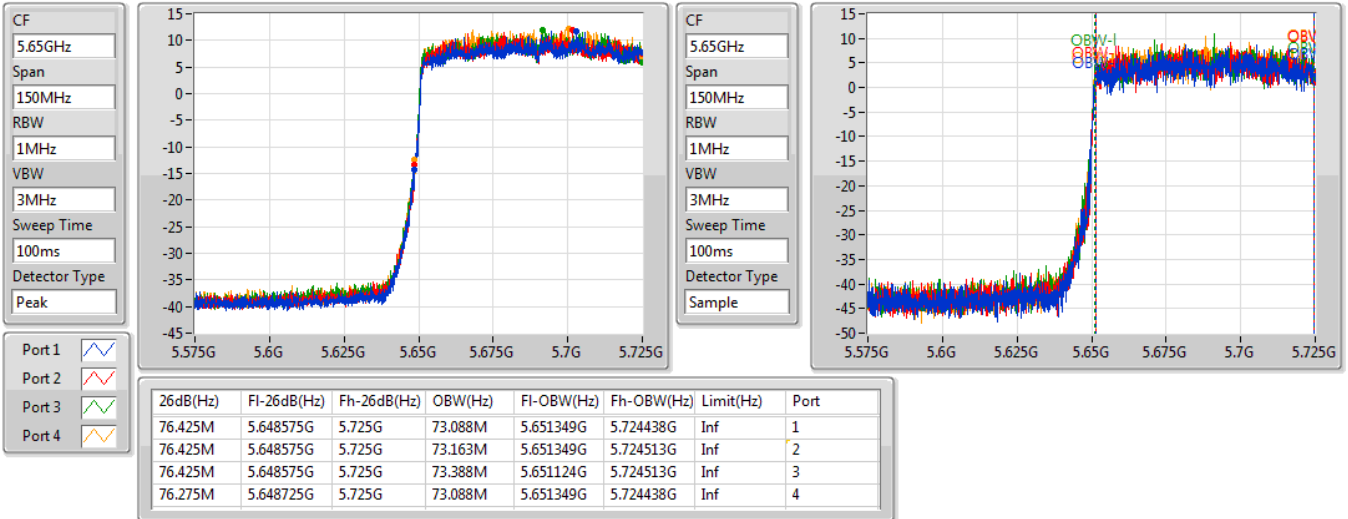
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.5686G	5.65104G	77.121M	5.571259G	5.648381G	Inf	1
82.2M	5.56896G	5.65116G	76.762M	5.571499G	5.648261G	Inf	2
83.04M	5.56812G	5.65116G	77.241M	5.571139G	5.648381G	Inf	3
81.96M	5.56884G	5.6508G	76.882M	5.571499G	5.648381G	Inf	4

802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

01/08/2019

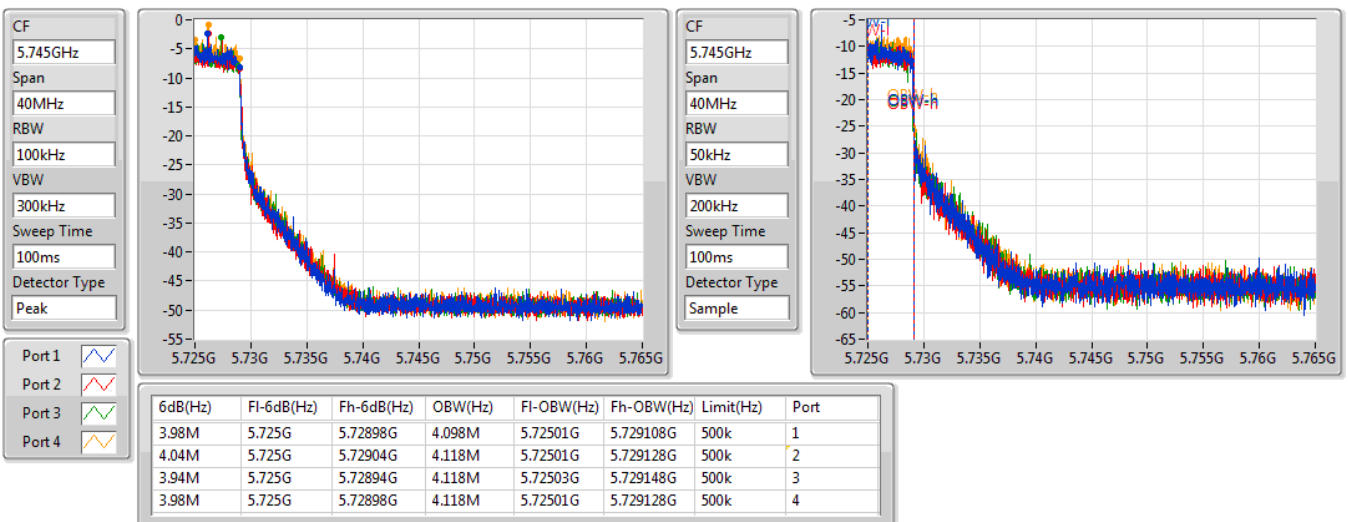


802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/08/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.11M	18.951M	19MOD1D	21.39M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.52M	37.781M	37M8D1D	40.14M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.2M	77.121M	77M1D1D	80.88M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.17M	18.951M	19MOD1D	15.72M	14.453M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.52M	37.901M	37M9D1D	35.21M	33.688M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.48M	77.121M	77M1D1D	75.675M	73.013M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.3M	4.498M	4M50D1D	2.88M	4.458M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.04M	4.098M	4M10D1D	3.92M	4.058M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.96M	4.558M	4M56D1D	3.96M	4.338M

**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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.84M	18.861M	21.84M	18.891M	22.02M	18.921M	21.39M	18.951M
5300MHz	Pass	Inf	22.11M	18.891M	22.08M	18.921M	21.48M	18.921M	21.48M	18.861M
5320MHz	Pass	Inf	21.81M	18.861M	21.96M	18.921M	21.78M	18.921M	21.87M	18.891M
5500MHz	Pass	Inf	21.72M	18.951M	21.45M	18.921M	20.82M	18.891M	21.81M	18.891M
5580MHz	Pass	Inf	21.72M	18.891M	21.66M	18.861M	20.52M	18.891M	21.78M	18.891M
5700MHz	Pass	Inf	22.17M	18.891M	21.87M	18.861M	21.63M	18.891M	21.6M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.453M	15.96M	14.483M	15.72M	14.483M	15.87M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.22M	4.498M	4.2M	4.458M	2.88M	4.498M	4.3M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.1M	37.781M	40.92M	37.661M	40.98M	37.541M	40.68M	37.661M
5310MHz	Pass	Inf	41.52M	37.601M	41.28M	37.601M	41.34M	37.661M	40.14M	37.721M
5510MHz	Pass	Inf	40.86M	37.721M	40.92M	37.721M	40.98M	37.721M	40.44M	37.721M
5550MHz	Pass	Inf	41.04M	37.781M	40.44M	37.721M	41.22M	37.901M	40.74M	37.601M
5670MHz	Pass	Inf	40.08M	37.661M	40.92M	37.721M	41.52M	37.661M	40.98M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.723M	35.35M	33.758M	35.21M	33.688M	35.63M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.078M	4.04M	4.058M	3.94M	4.058M	3.92M	4.098M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	77.121M	81.24M	76.882M	80.88M	77.121M	80.88M	76.882M
5530MHz	Pass	Inf	80.88M	77.121M	81.12M	76.882M	80.64M	77.121M	81.12M	77.001M
5610MHz	Pass	Inf	81.48M	77.001M	80.88M	77.121M	80.88M	77.001M	80.64M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.75M	73.013M	75.675M	73.088M	76.425M	73.163M	76.275M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.338M	3.96M	4.558M	3.96M	4.438M	3.96M	4.418M

**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;

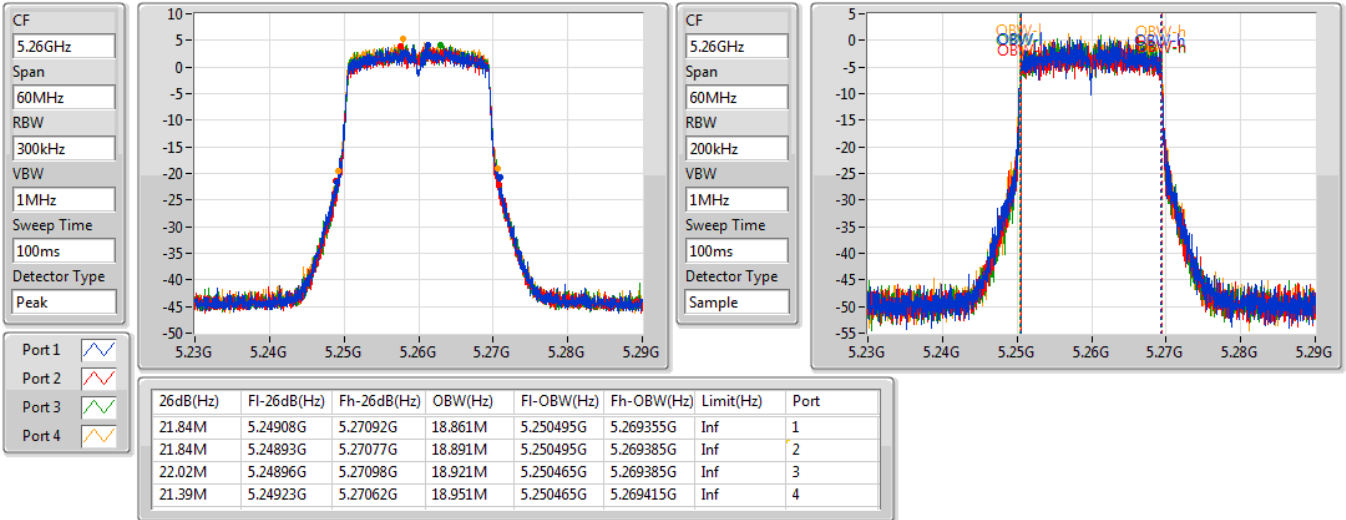


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5260MHz

03/08/2019

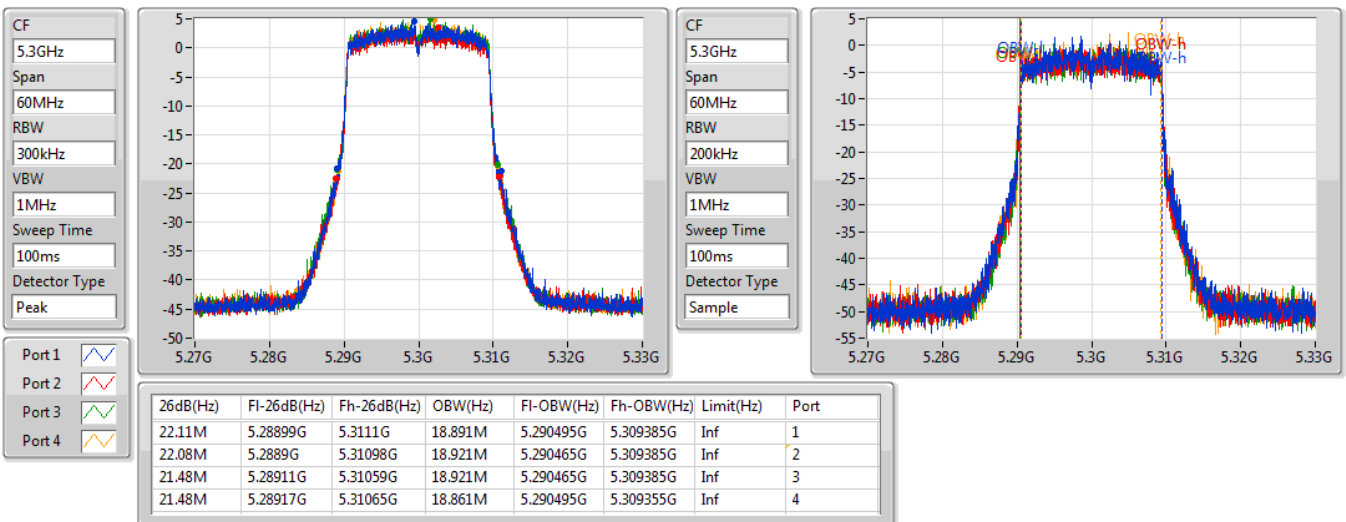


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5300MHz

03/08/2019



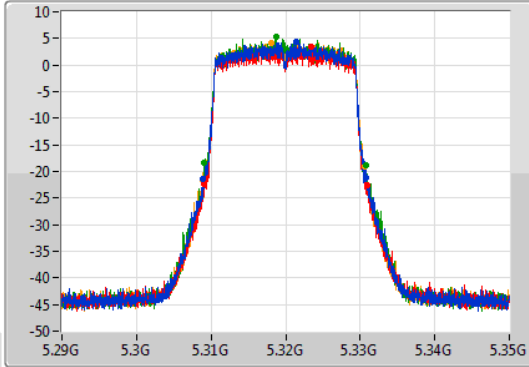
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

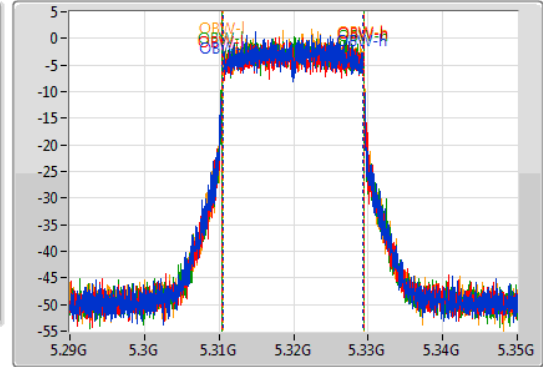
5320MHz

03/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.30896G	5.33077G	18.861M	5.310495G	5.329355G	Inf	1
21.96M	5.30902G	5.33098G	18.921M	5.310465G	5.329385G	Inf	2
21.78M	5.30908G	5.33086G	18.921M	5.310465G	5.329385G	Inf	3
21.87M	5.30881G	5.33068G	18.891M	5.310495G	5.329385G	Inf	4

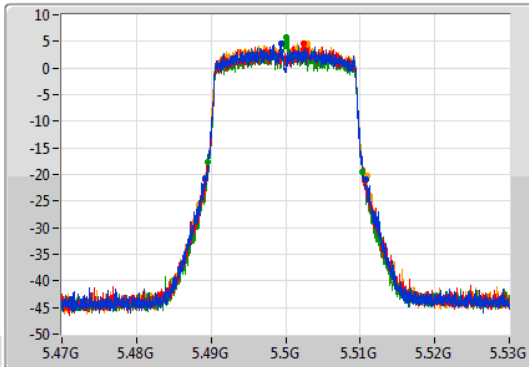
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

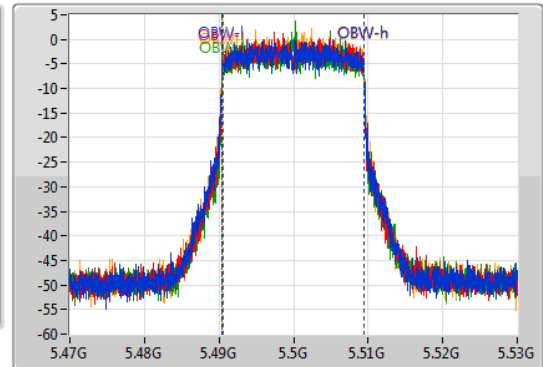
5500MHz

03/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.48914G	5.51086G	18.951M	5.490465G	5.509415G	Inf	1
21.45M	5.48923G	5.51068G	18.921M	5.490465G	5.509385G	Inf	2
20.82M	5.48953G	5.51035G	18.891M	5.490495G	5.509385G	Inf	3
21.81M	5.48914G	5.51095G	18.891M	5.490495G	5.509385G	Inf	4

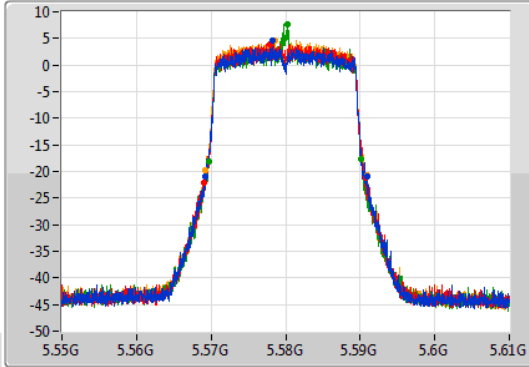
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

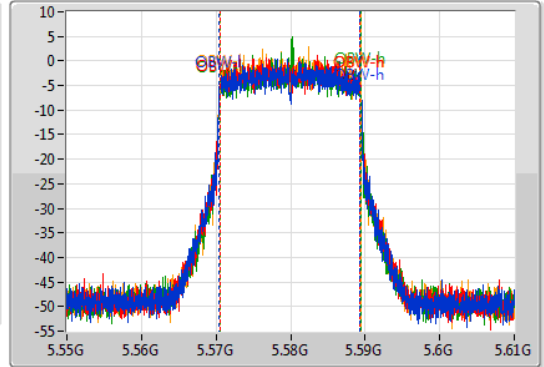
5580MHz

03/08/2019

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
21.72M	5.56929G	5.59101G	18.891M	5.570465G	5.589355G	Inf	1
21.66M	5.56908G	5.59074G	18.861M	5.570495G	5.589355G	Inf	2
20.52M	5.56965G	5.59017G	18.891M	5.570495G	5.589385G	Inf	3
21.78M	5.56914G	5.59092G	18.891M	5.570495G	5.589385G	Inf	4

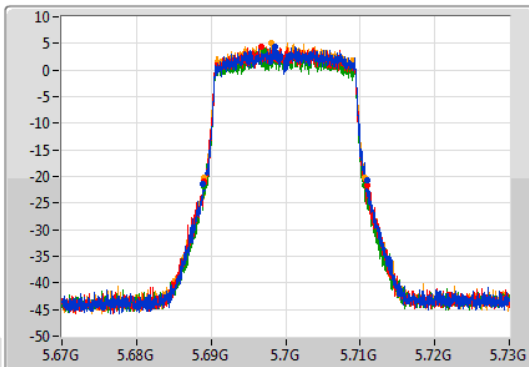
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

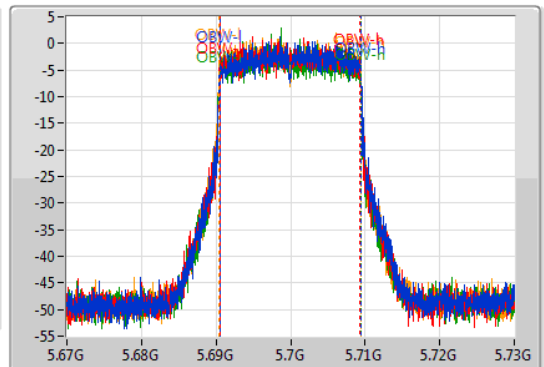
5700MHz

03/08/2019

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



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



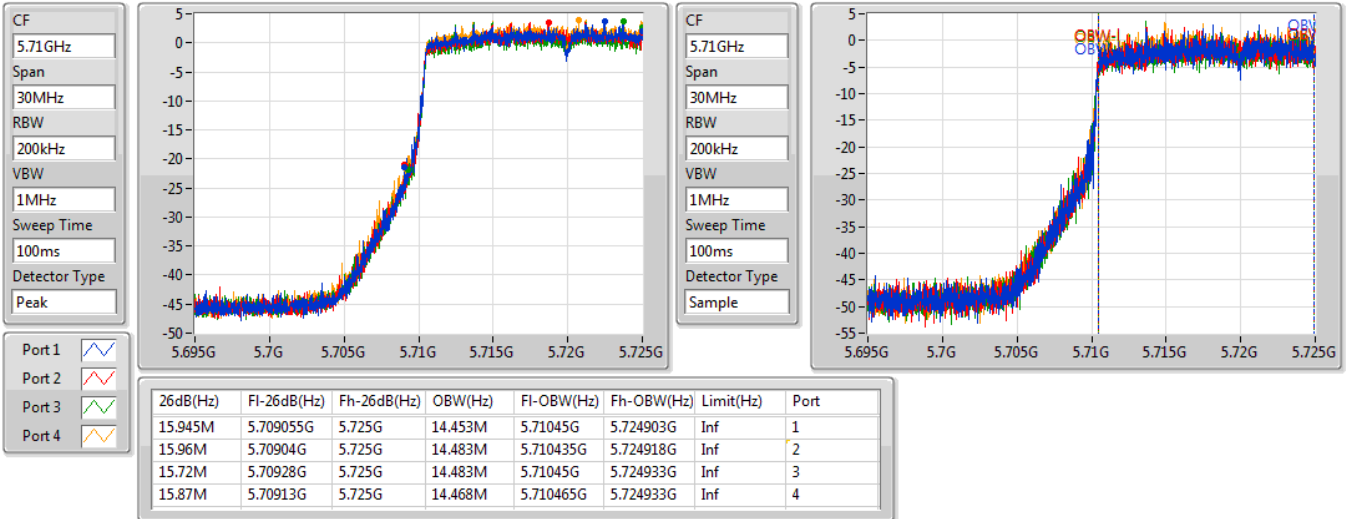
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.17M	5.68884G	5.71101G	18.891M	5.690495G	5.709385G	Inf	1
21.87M	5.68902G	5.71089G	18.861M	5.690495G	5.709355G	Inf	2
21.63M	5.68902G	5.71065G	18.891M	5.690495G	5.709385G	Inf	3
21.6M	5.68905G	5.71065G	18.921M	5.690465G	5.709385G	Inf	4

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

EBW

5720MHz Straddle 5.47-5.725GHz

05/08/2019

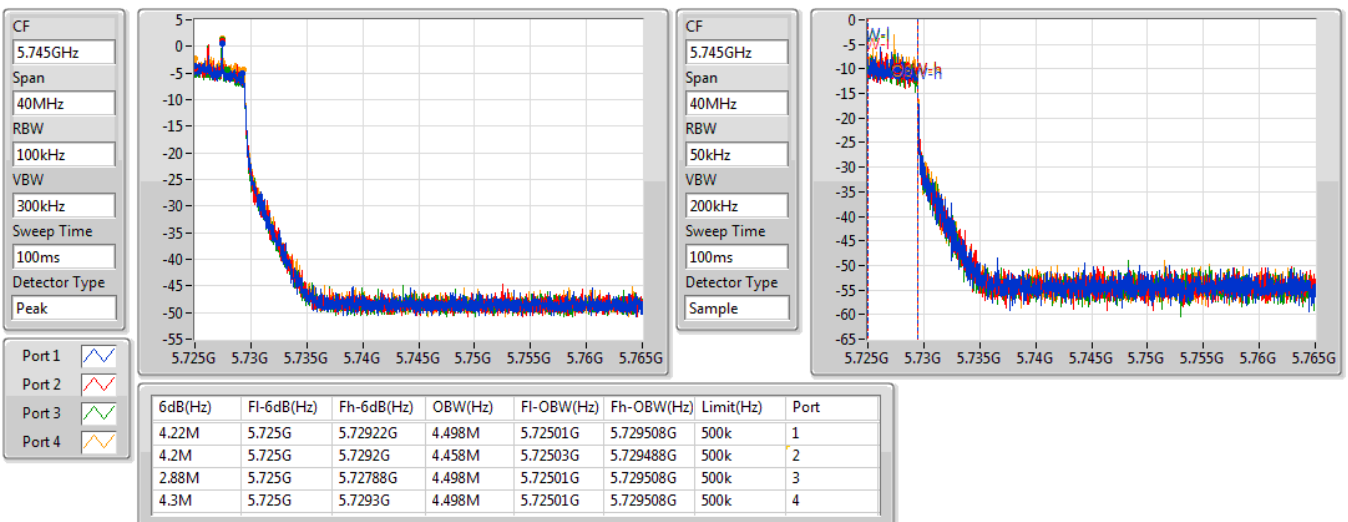


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

05/08/2019



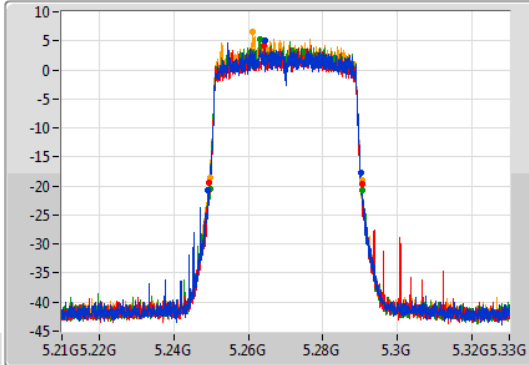
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

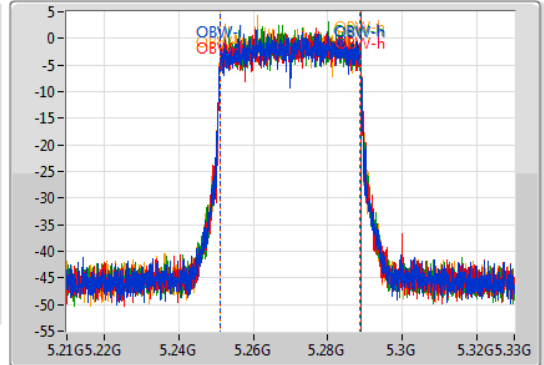
5270MHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.24918G	5.29028G	37.781M	5.251049G	5.288831G	Inf	1
40.92M	5.24954G	5.29046G	37.661M	5.251109G	5.288771G	Inf	2
40.98M	5.24972G	5.2907G	37.541M	5.251109G	5.288651G	Inf	3
40.68M	5.24972G	5.2904G	37.661M	5.251109G	5.288771G	Inf	4

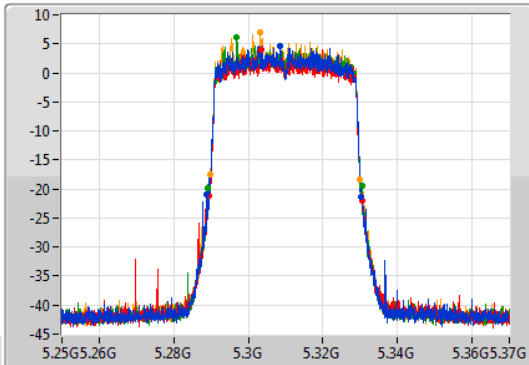
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

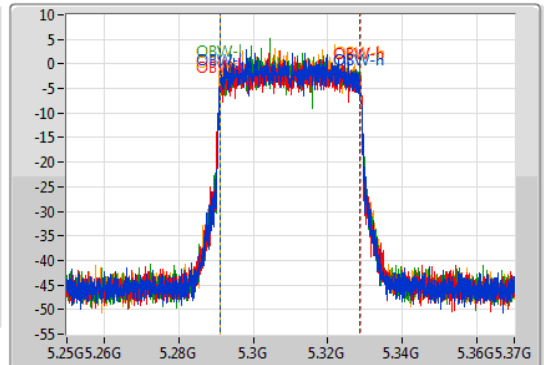
5310MHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.52M	5.28882G	5.33034G	37.601M	5.291109G	5.328711G	Inf	1
41.28M	5.28936G	5.33064G	37.601M	5.291109G	5.328711G	Inf	2
41.34M	5.28918G	5.33052G	37.661M	5.291049G	5.328711G	Inf	3
40.14M	5.28984G	5.32998G	37.721M	5.291049G	5.328771G	Inf	4

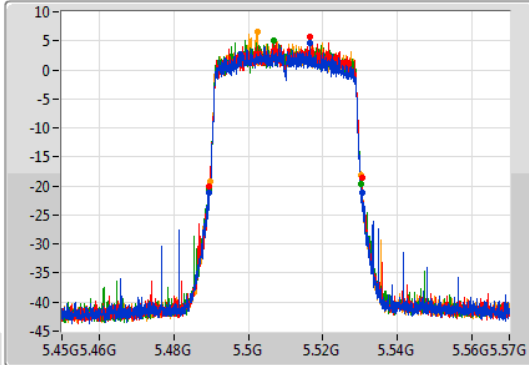
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

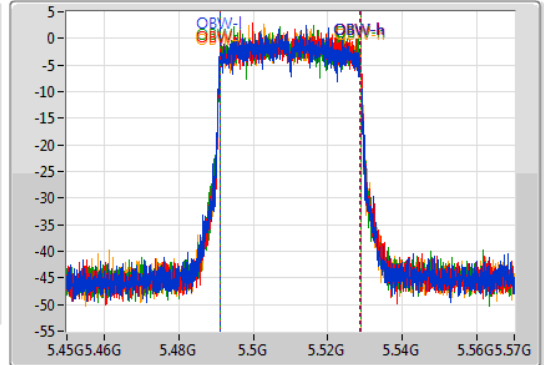
5510MHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.48954G	5.5304G	37.721M	5.49099G	5.52871G	Inf	1
40.92M	5.48948G	5.5304G	37.721M	5.491049G	5.528771G	Inf	2
40.98M	5.48936G	5.53034G	37.721M	5.491049G	5.528771G	Inf	3
40.44M	5.48972G	5.53016G	37.721M	5.491049G	5.528771G	Inf	4

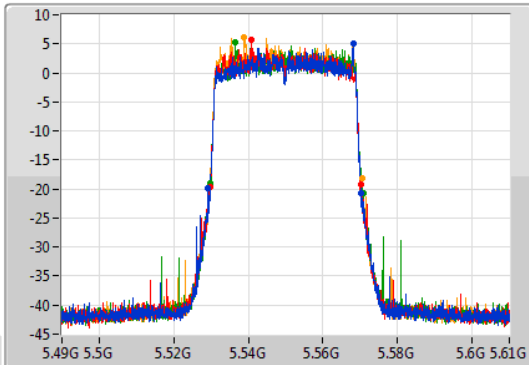
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

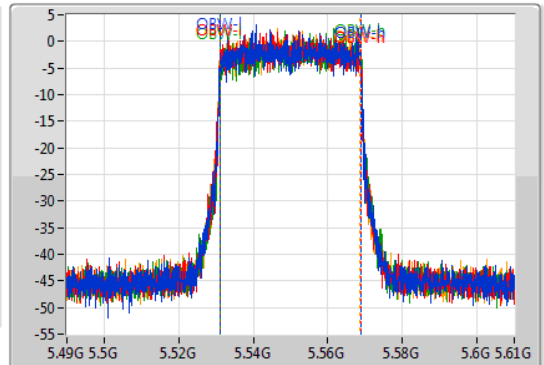
5550MHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.52924G	5.57028G	37.781M	5.531049G	5.568831G	Inf	1
40.44M	5.52972G	5.57016G	37.721M	5.531049G	5.568771G	Inf	2
41.22M	5.52972G	5.57094G	37.901M	5.531049G	5.568951G	Inf	3
40.74M	5.52972G	5.57046G	37.601M	5.531109G	5.568711G	Inf	4

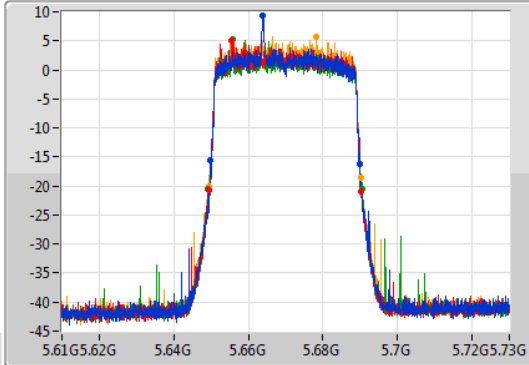
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

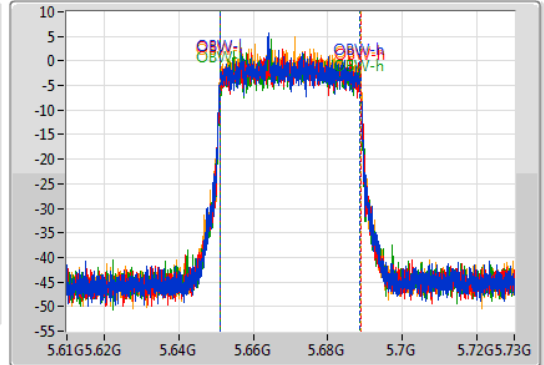
5670MHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.64984G	5.68992G	37.661M	5.651049G	5.688711G	Inf	1
40.92M	5.64936G	5.69028G	37.721M	5.651049G	5.688771G	Inf	2
41.52M	5.64918G	5.6907G	37.661M	5.651049G	5.688711G	Inf	3
40.98M	5.64936G	5.69034G	37.781M	5.651049G	5.688831G	Inf	4

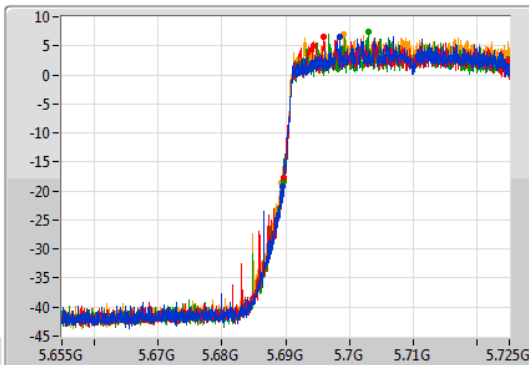
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

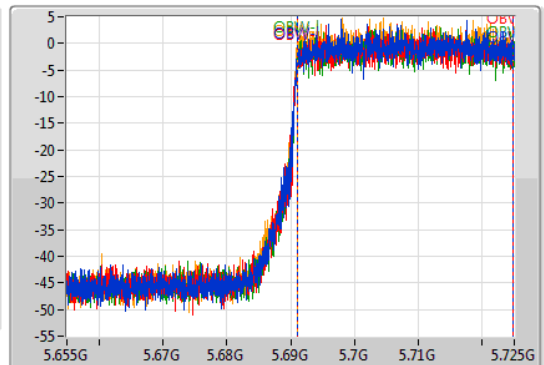
5710MHz Straddle 5.47-5.725GHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.42M	5.68958G	5.725G	33.723M	5.691084G	5.724808G	Inf	1
35.35M	5.68965G	5.725G	33.758M	5.691014G	5.724773G	Inf	2
35.21M	5.68979G	5.725G	33.688M	5.691084G	5.724773G	Inf	3
35.63M	5.68937G	5.725G	33.758M	5.691014G	5.724773G	Inf	4



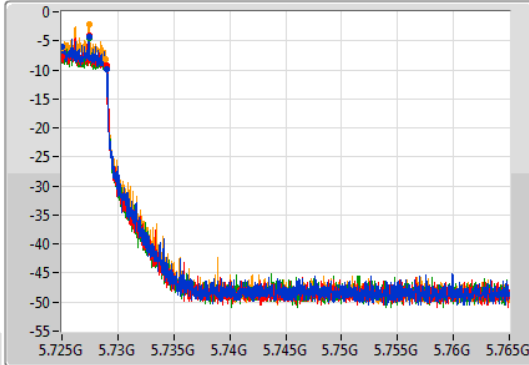
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

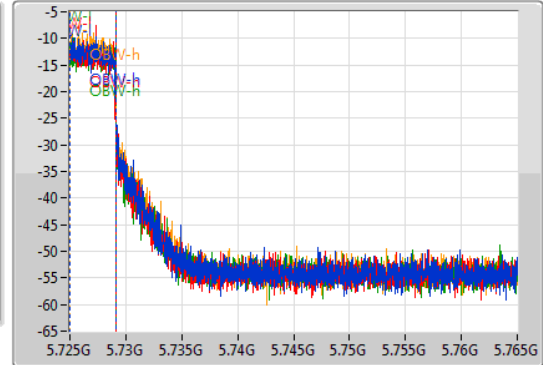
5710MHz Straddle 5.725-5.85GHz

05/08/2019

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



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
3.98M	5.725G	5.72898G	4.078M	5.72503G	5.729108G	500k	1
4.04M	5.725G	5.72904G	4.058M	5.72503G	5.729088G	500k	2
3.94M	5.725G	5.72894G	4.058M	5.72503G	5.729088G	500k	3
3.92M	5.725G	5.72892G	4.098M	5.72503G	5.729128G	500k	4

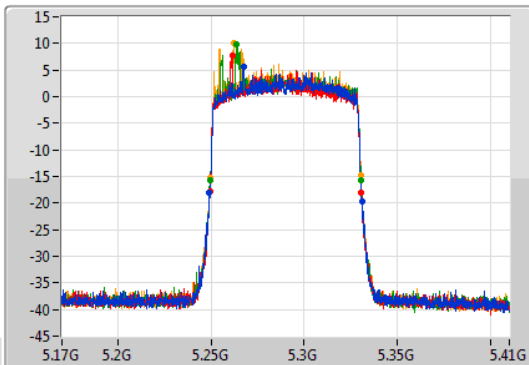
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

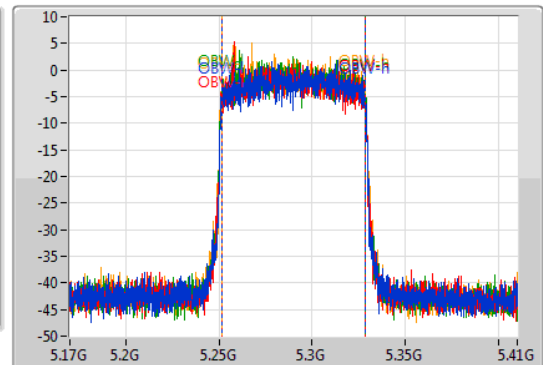
5290MHz

05/08/2019

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.24896G	5.33116G	77.121M	5.251379G	5.328501G	Inf	1
81.24M	5.24932G	5.33056G	76.882M	5.251379G	5.328261G	Inf	2
80.88M	5.24956G	5.33044G	77.121M	5.251379G	5.328501G	Inf	3
80.88M	5.24956G	5.33044G	76.882M	5.251379G	5.328261G	Inf	4

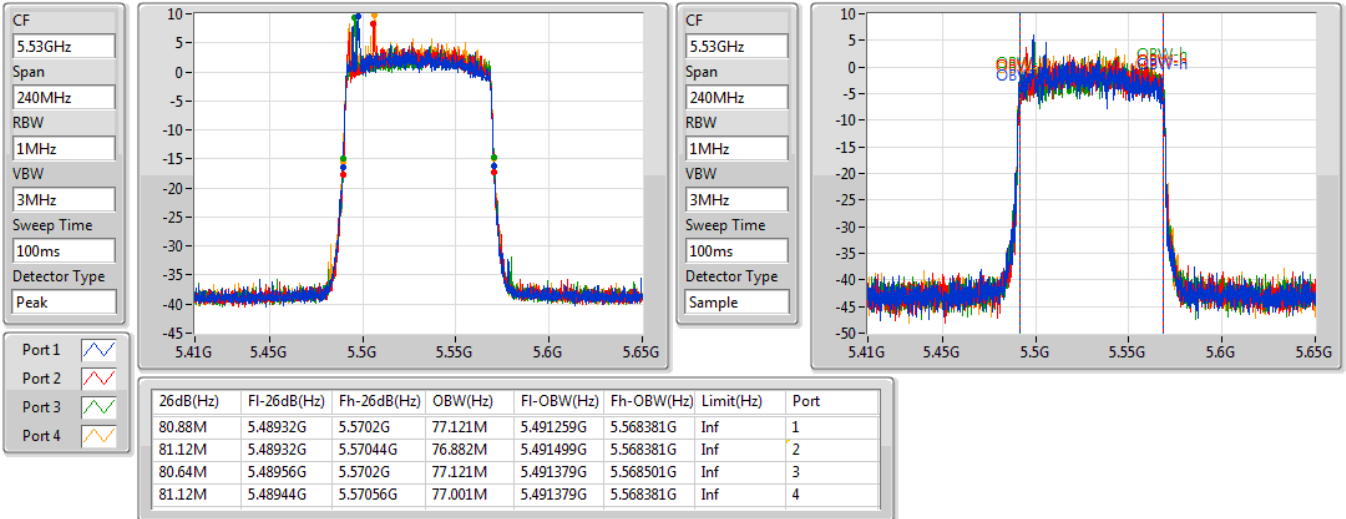


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5530MHz

05/08/2019

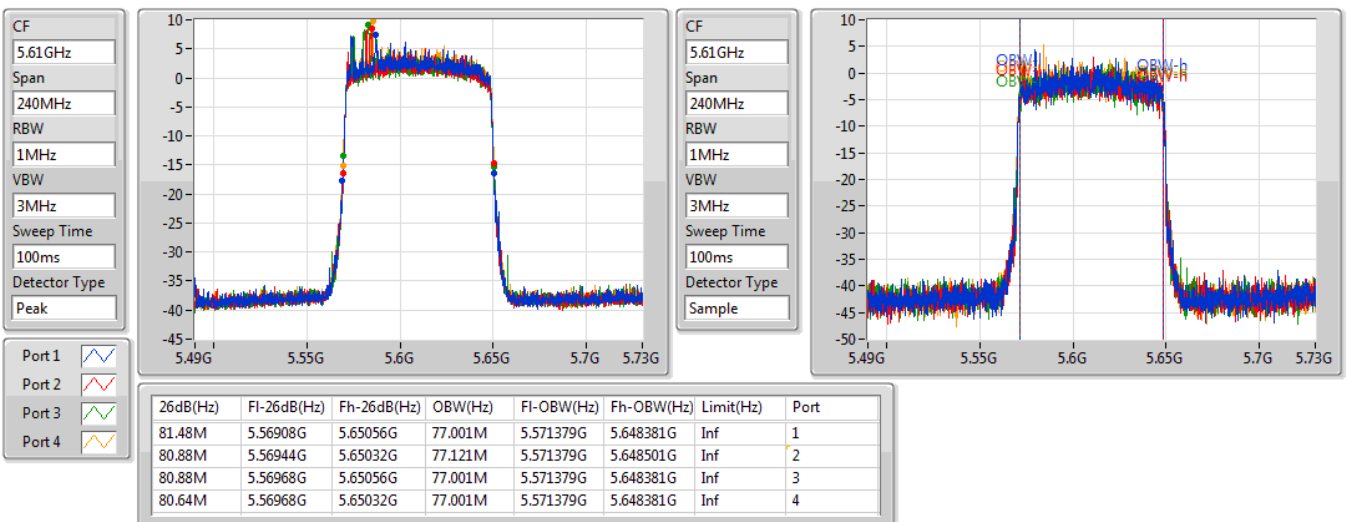


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5610MHz

05/08/2019

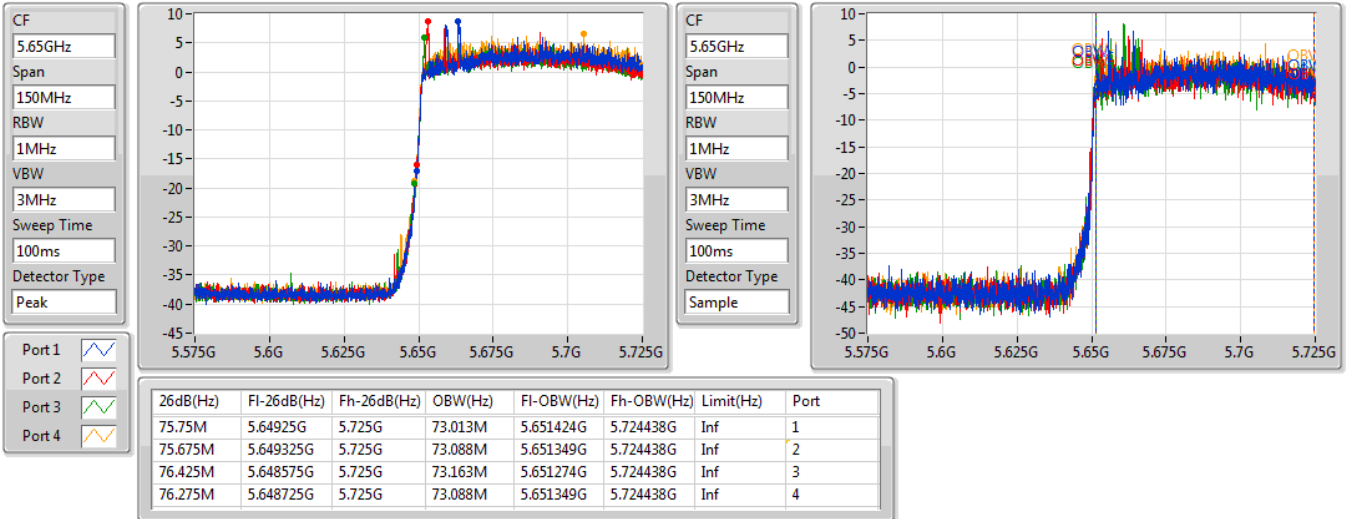


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

05/08/2019

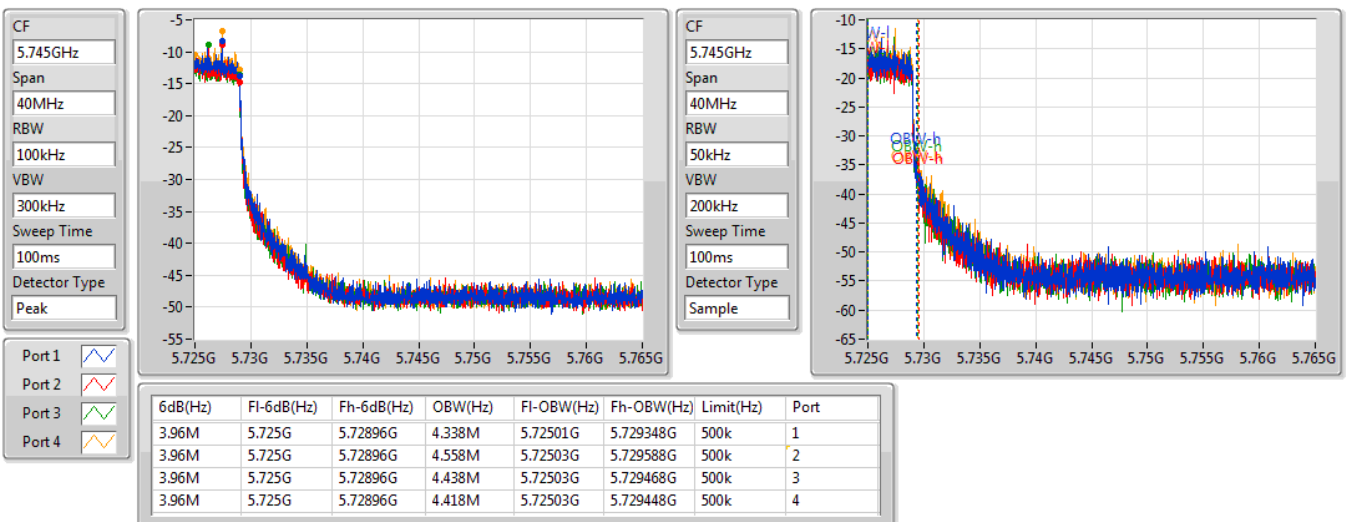


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/08/2019



**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	20.49M	16.402M	16M4D1D	20.46M	16.372M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.2M	18.951M	19M0D1D	21.81M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.1M	37.721M	37M7D1D	41.04M	37.721M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.8M	77.001M	77M0D1D	82.8M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.55M	16.402M	16M4D1D	15.255M	13.193M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.35M	18.951M	19M0D1D	16.02M	14.483M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.28M	37.841M	37M8D1D	35.665M	33.758M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.121M	77M1D1D	76.5M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.478M	3M48D1D	3.1M	3.478M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.28M	4.498M	4M50D1D	4.28M	4.498M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.9M	4.058M	4M06D1D	3.9M	4.058M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.96M	4.138M	4M14D1D	3.96M	4.138M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.46M	16.402M
5300MHz	Pass	Inf	20.49M	16.372M
5320MHz	Pass	Inf	20.49M	16.372M
5500MHz	Pass	Inf	20.49M	16.372M
5580MHz	Pass	Inf	20.49M	16.402M
5700MHz	Pass	Inf	20.55M	16.372M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.255M	13.193M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.478M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	22.2M	18.951M
5300MHz	Pass	Inf	22.05M	18.891M
5320MHz	Pass	Inf	21.81M	18.891M
5500MHz	Pass	Inf	21.57M	18.891M
5580MHz	Pass	Inf	22.35M	18.921M
5700MHz	Pass	Inf	21.66M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.02M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.28M	4.498M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	41.04M	37.721M
5310MHz	Pass	Inf	41.1M	37.721M
5510MHz	Pass	Inf	40.98M	37.841M
5550MHz	Pass	Inf	41.28M	37.721M
5670MHz	Pass	Inf	41.1M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.665M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.058M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.8M	77.001M
5530MHz	Pass	Inf	82.08M	77.001M
5610MHz	Pass	Inf	82.32M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.138M

**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;

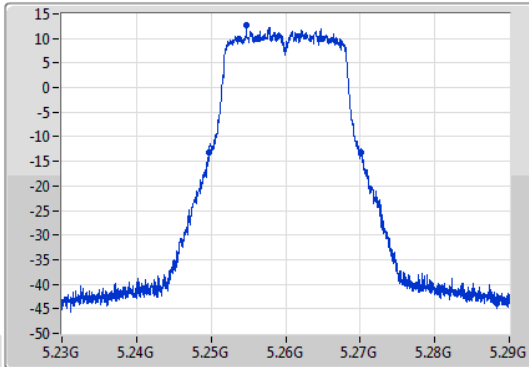
802.11a\_Nss1,(6Mbps)\_1TX

EBW

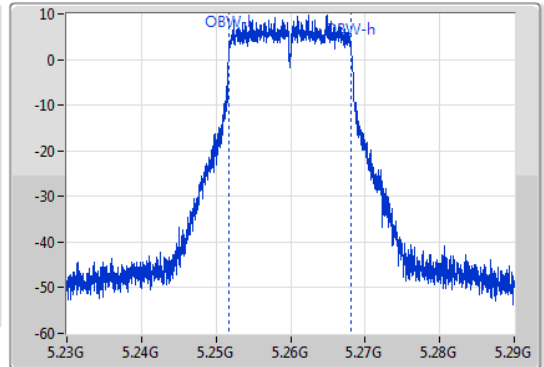
5260MHz

02/08/2019

CF  
5.26GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port1



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
20.46M	5.24968G	5.27014G	16.402M	5.251754G	5.268156G	Inf	1

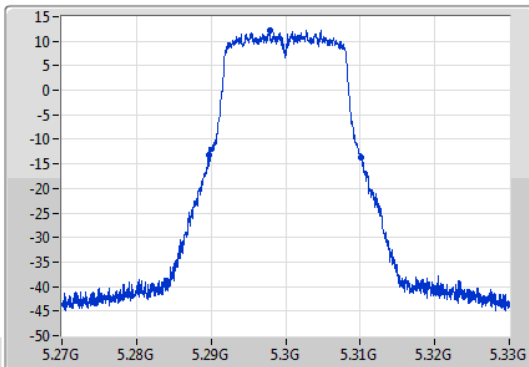
802.11a\_Nss1,(6Mbps)\_1TX

EBW

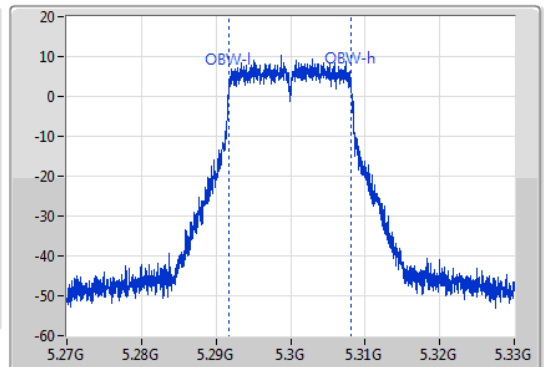
5300MHz

02/08/2019

CF  
5.3GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port1



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
20.49M	5.28965G	5.31014G	16.372M	5.291754G	5.308126G	Inf	1

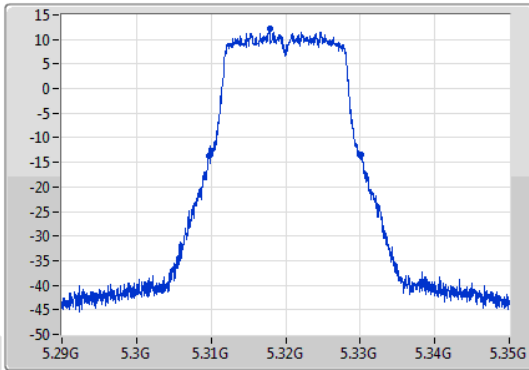
802.11a\_Nss1,(6Mbps)\_1TX

EBW

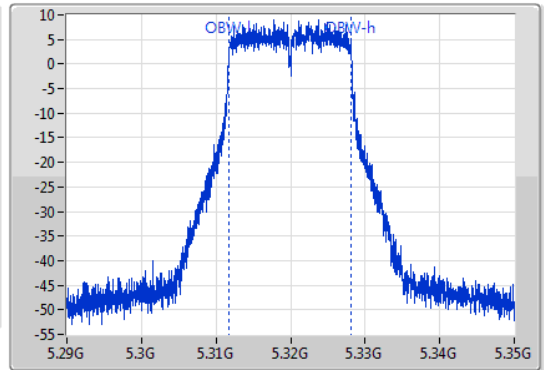
5320MHz

02/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.30965G	5.33014G	16.372M	5.311754G	5.328126G	Inf	1

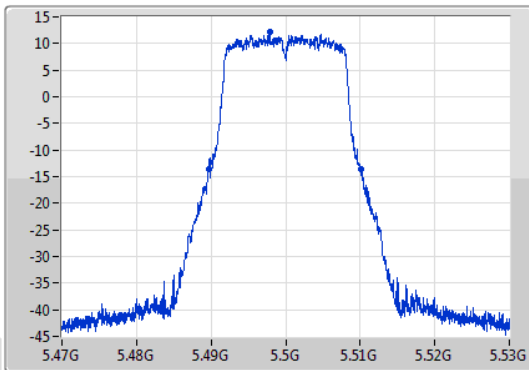
802.11a\_Nss1,(6Mbps)\_1TX

EBW

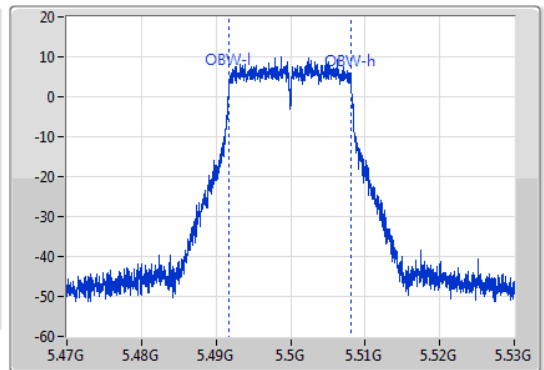
5500MHz

02/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.48965G	5.51014G	16.372M	5.491754G	5.508126G	Inf	1

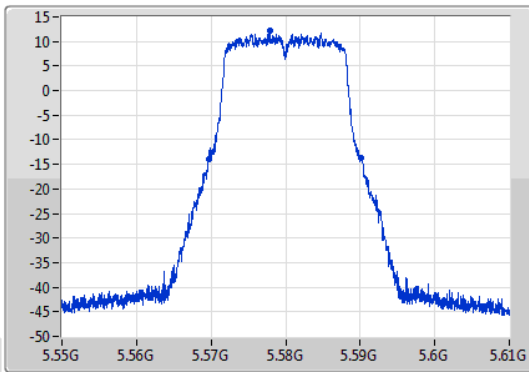
802.11a\_Nss1,(6Mbps)\_1TX

EBW

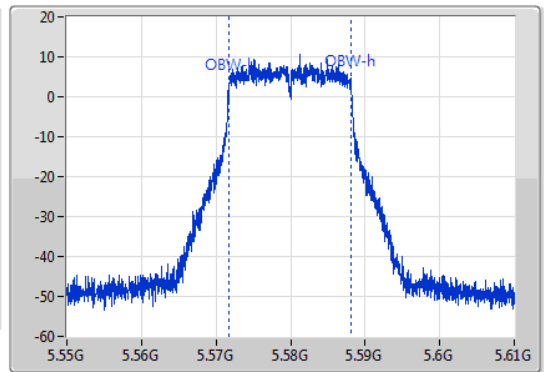
5580MHz

02/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.56965G	5.59014G	16.402M	5.571724G	5.588126G	Inf	1

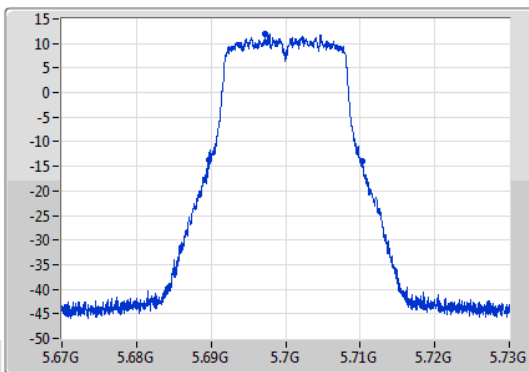
802.11a\_Nss1,(6Mbps)\_1TX

EBW

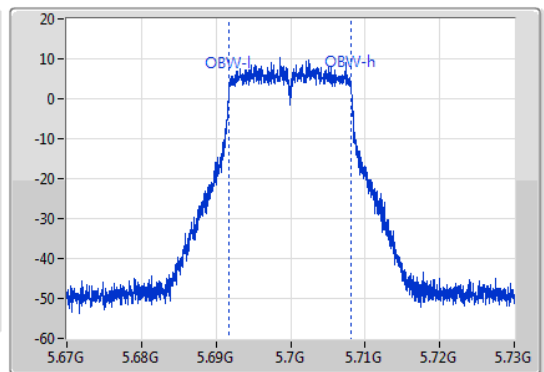
5700MHz

02/08/2019

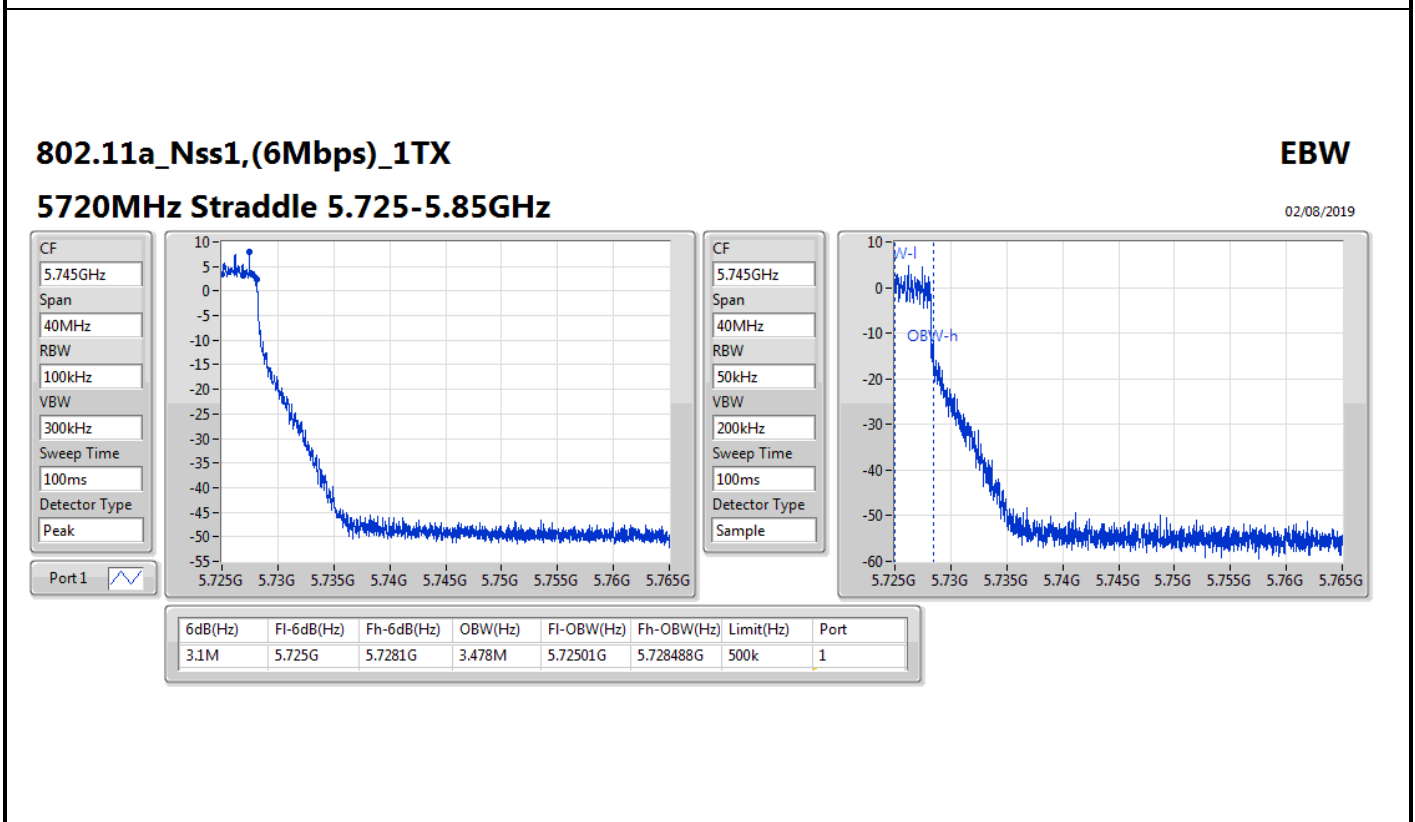
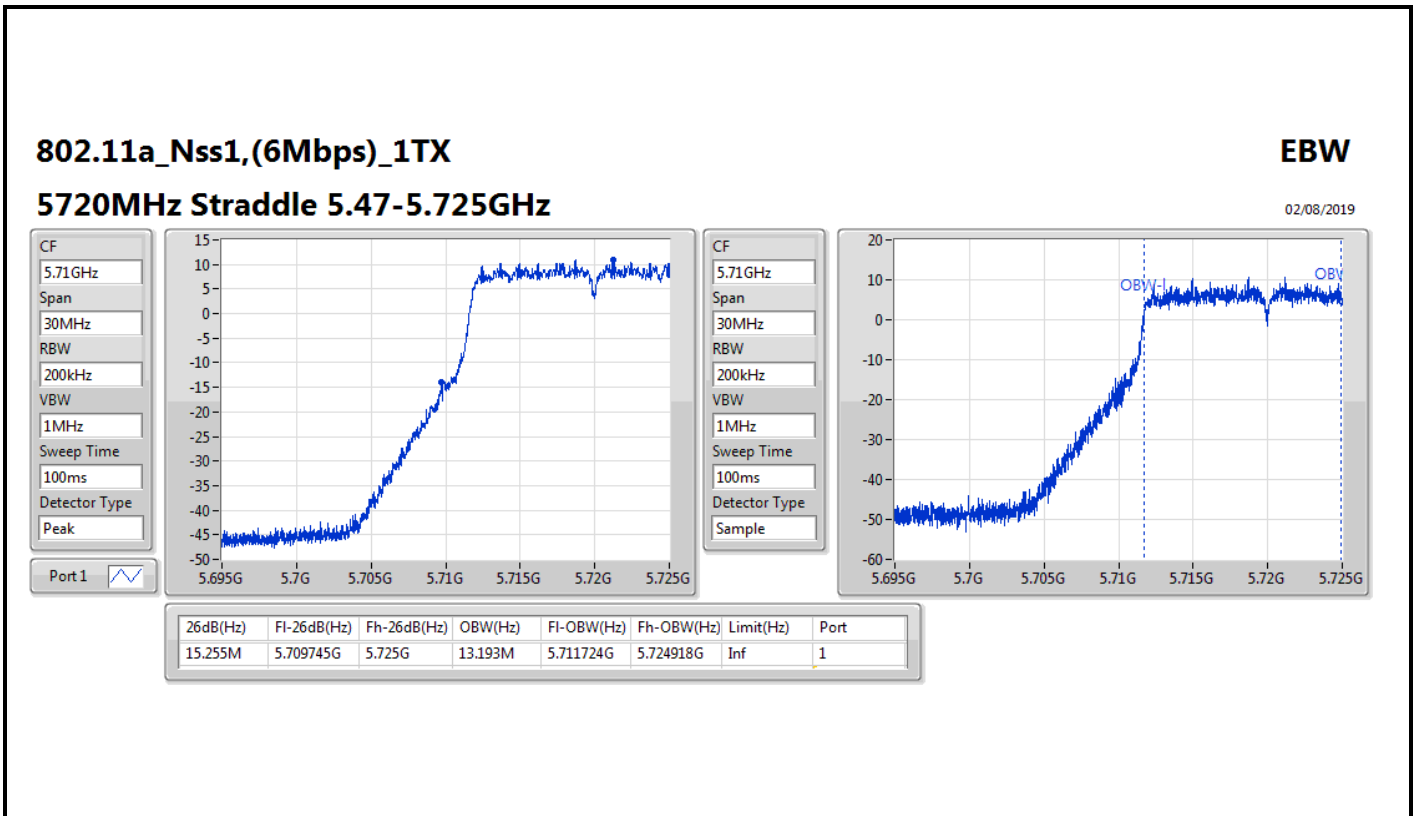
CF: 5.7GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak  
 Port 1



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
20.55M	5.68965G	5.7102G	16.372M	5.691754G	5.708126G	Inf	1



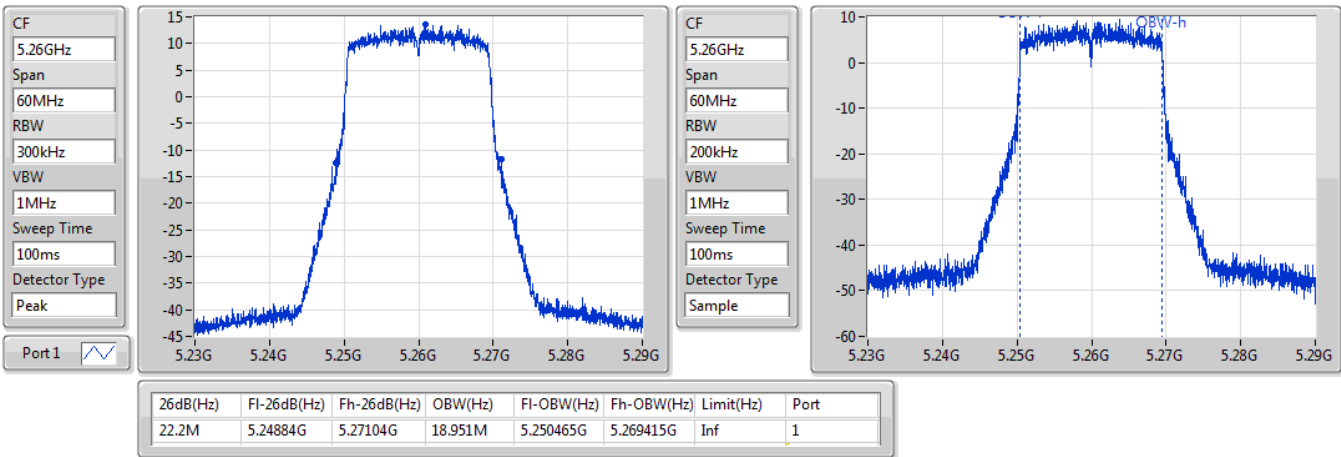


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5260MHz

02/08/2019

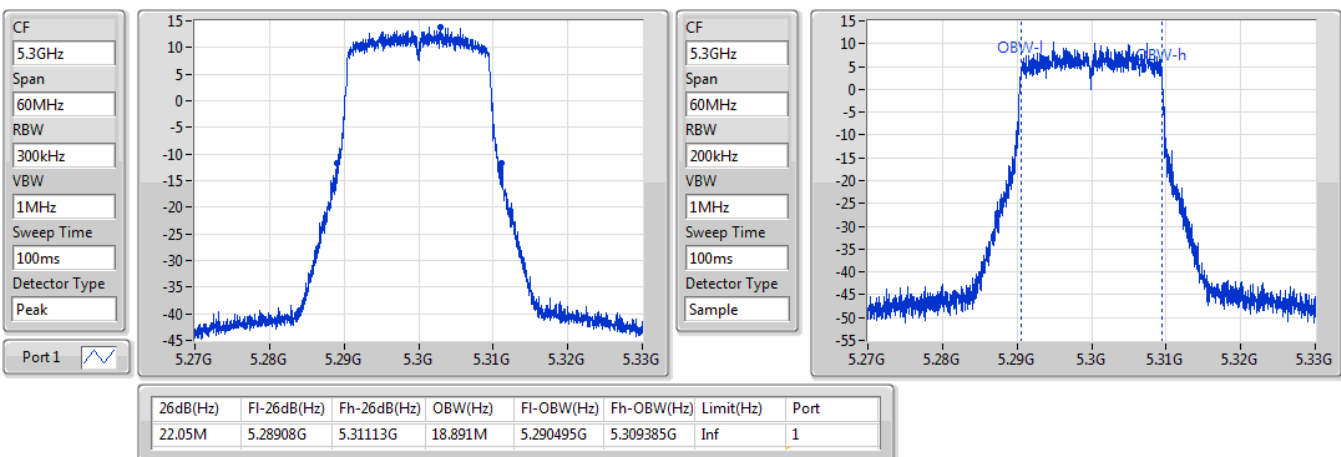


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5300MHz

02/08/2019

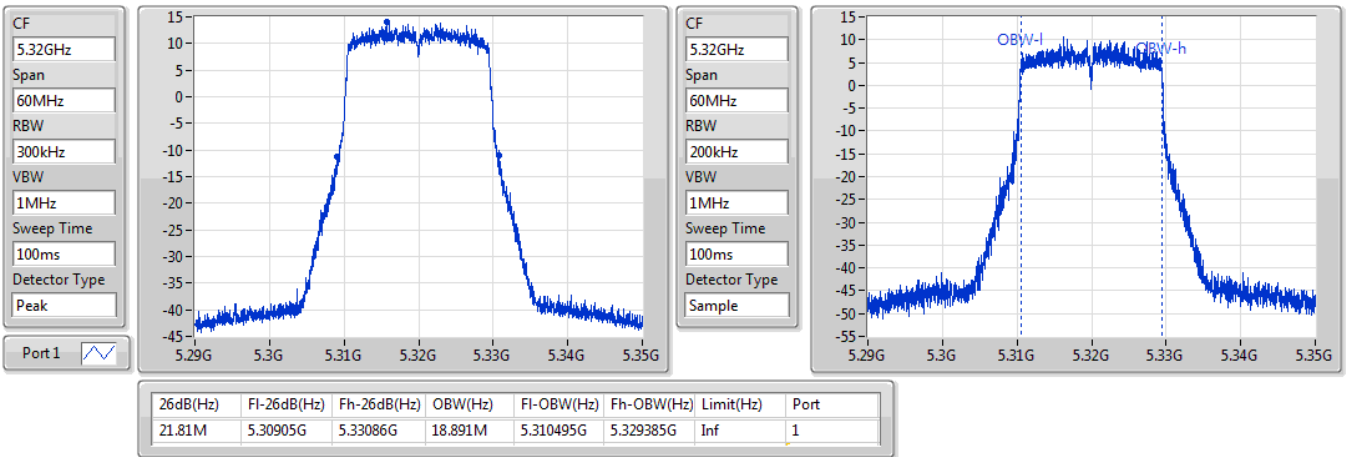


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5320MHz

02/08/2019

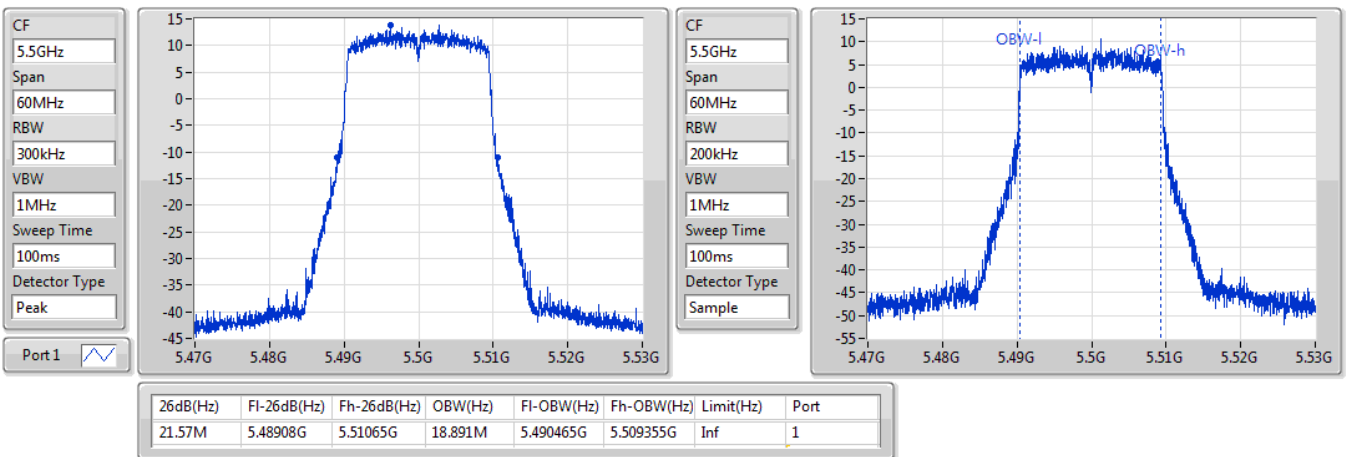


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5500MHz

02/08/2019

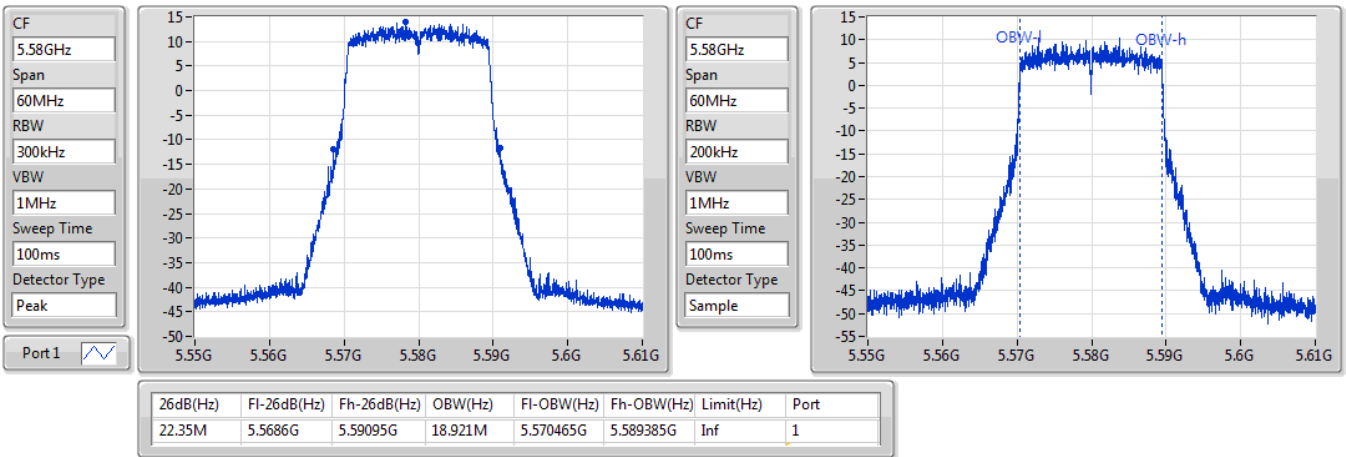


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5580MHz

02/08/2019

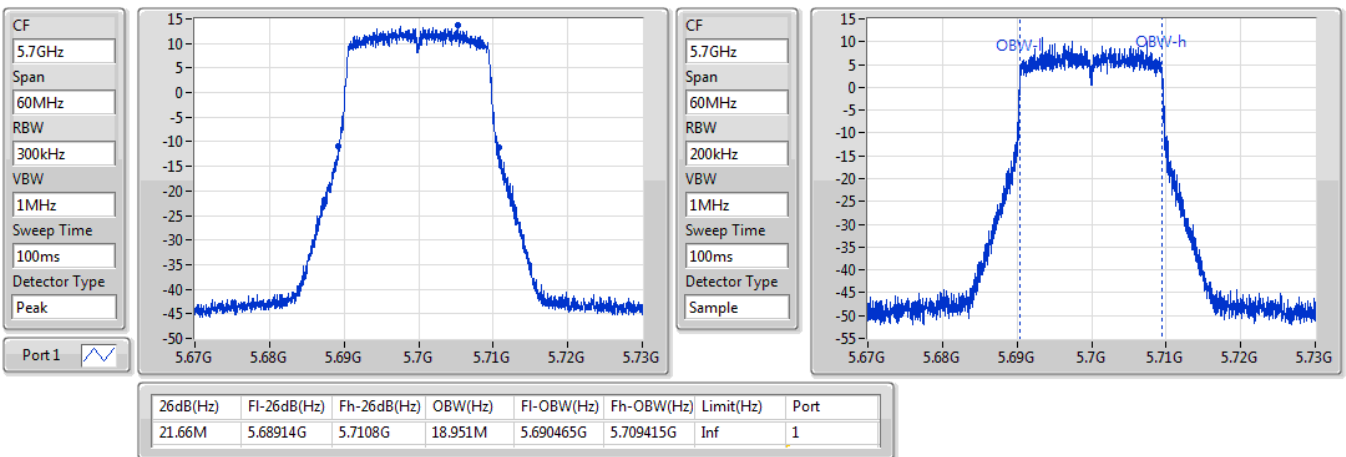


802.11ax HEW20\_Nss1,(MCS0)\_1TX

EBW

5700MHz

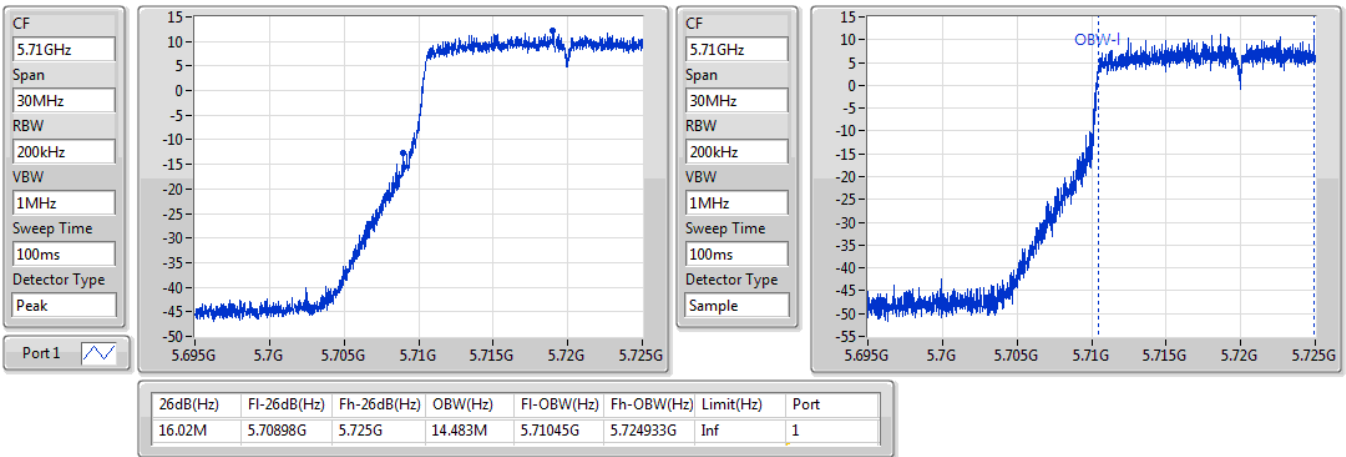
02/08/2019



**802.11ax HEW20\_Nss1,(MCS0)\_1TX**  
**5720MHz Straddle 5.47-5.725GHz**

EBW

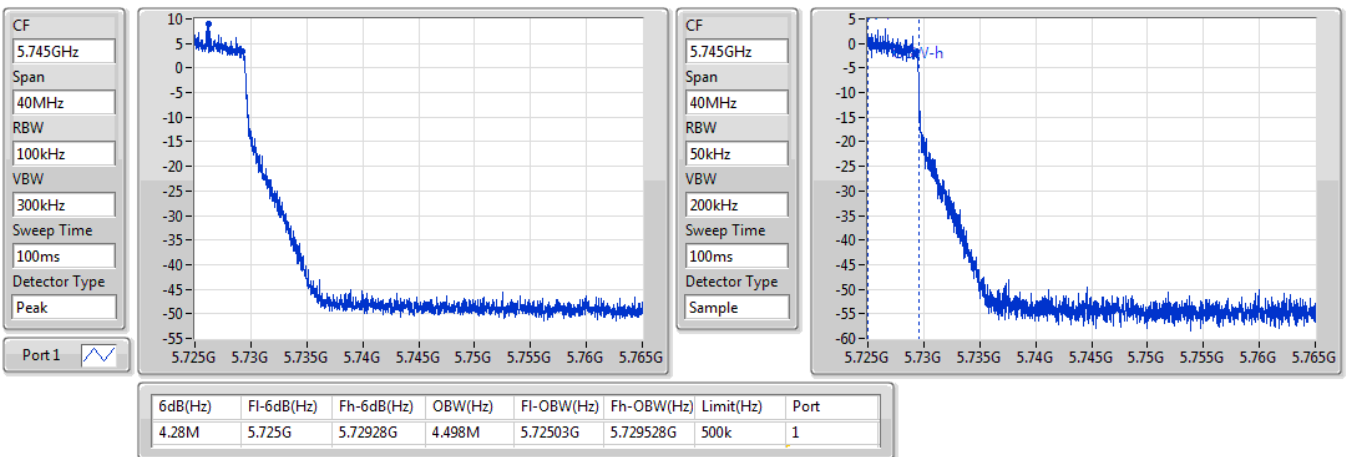
02/08/2019



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

EBW

02/08/2019

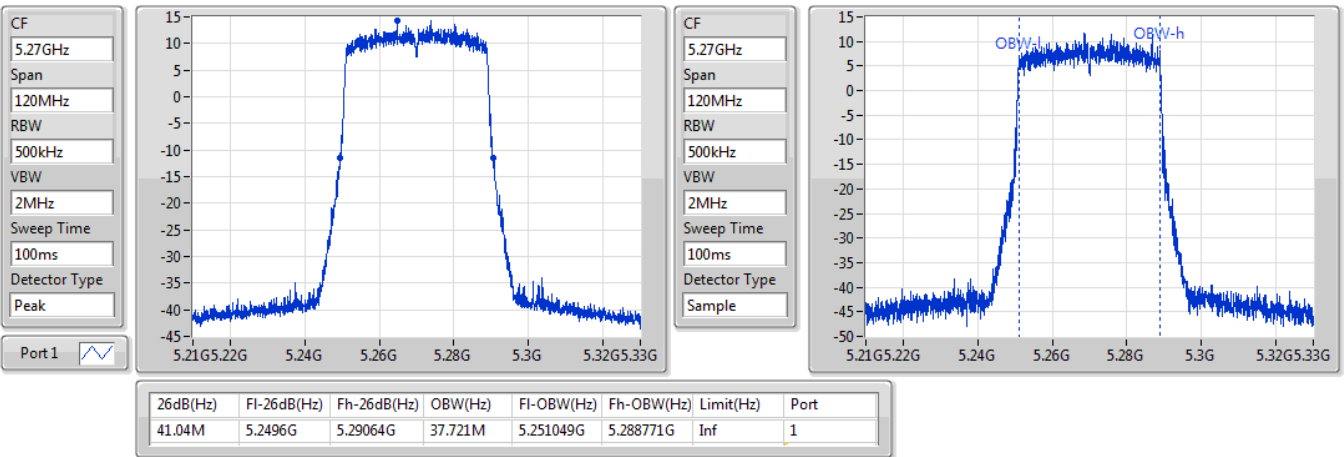


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5270MHz

02/08/2019

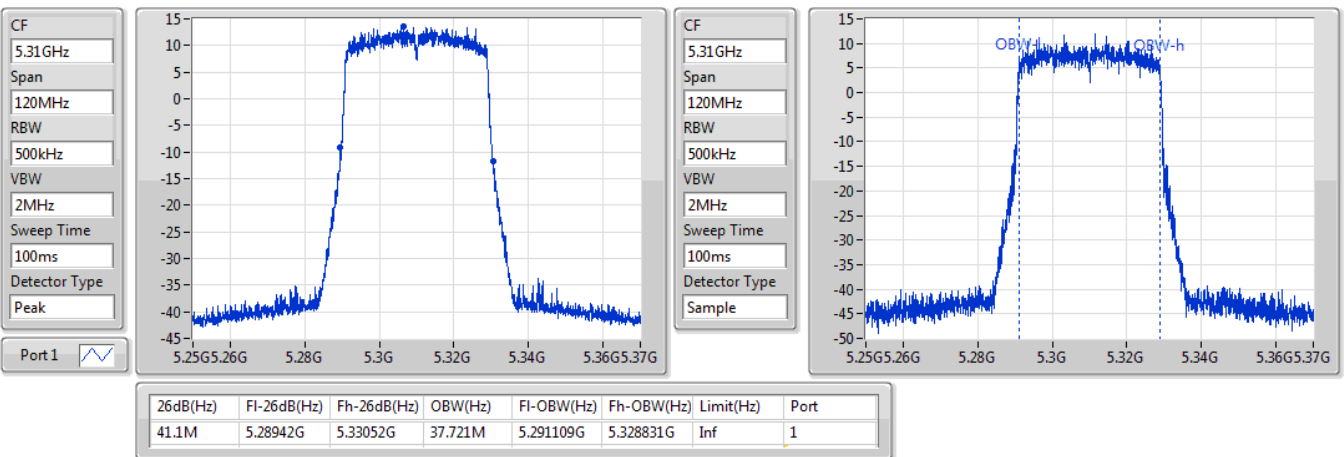


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5310MHz

02/08/2019

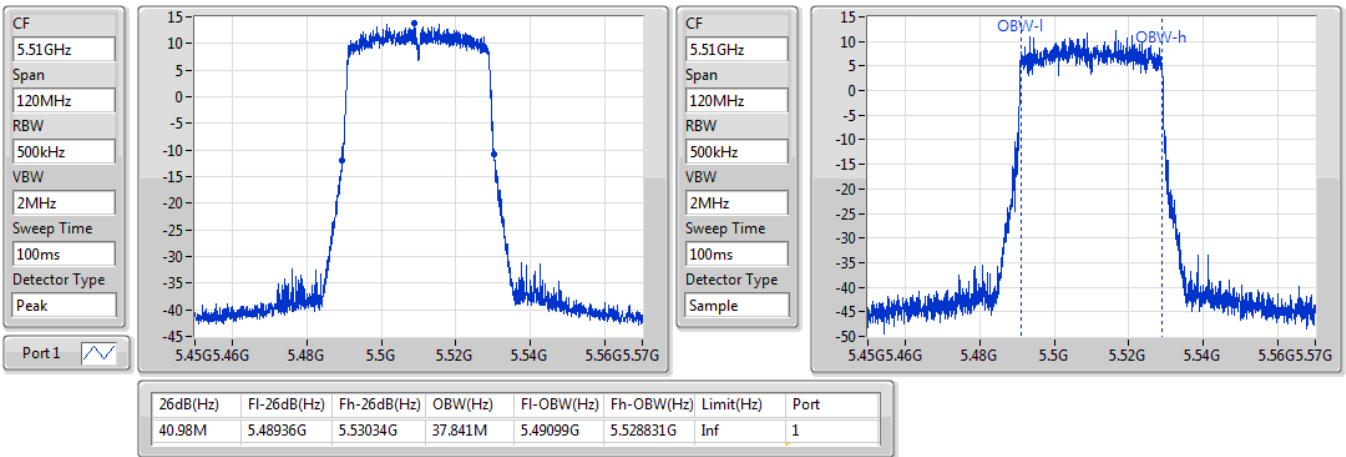


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5510MHz

02/08/2019

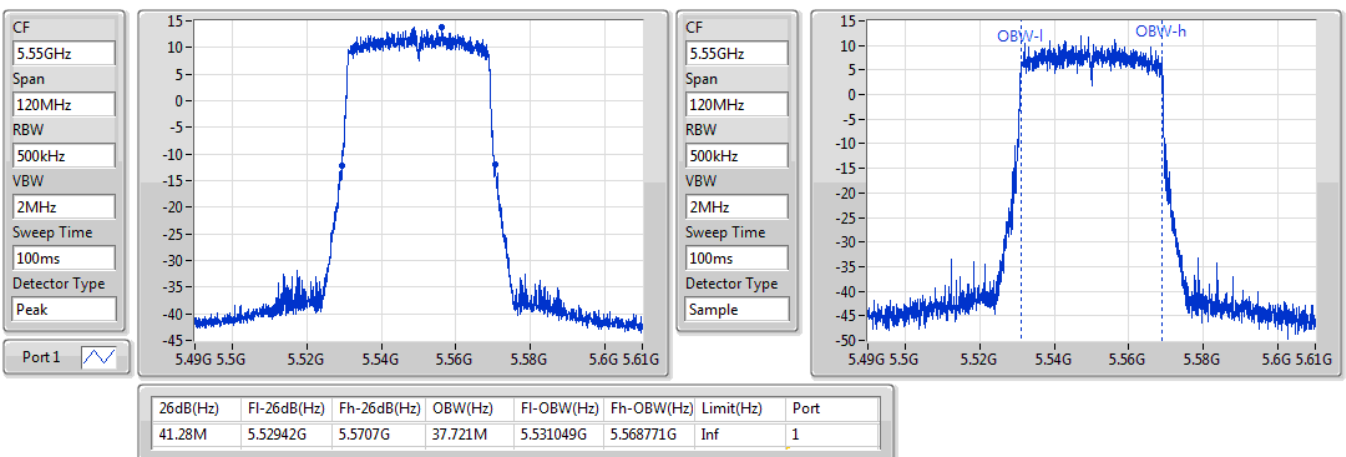


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5550MHz

02/08/2019

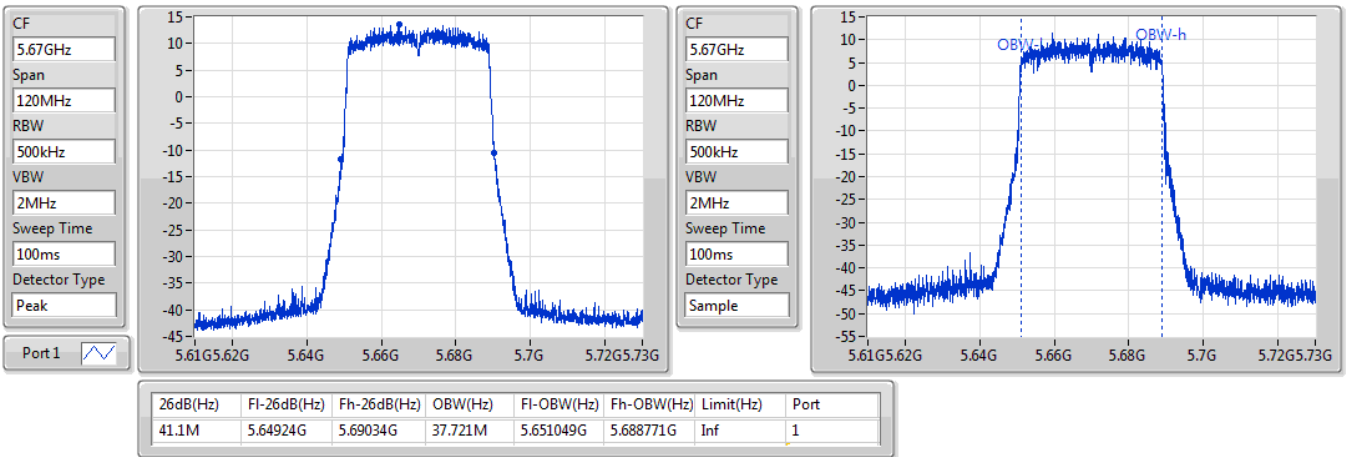


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5670MHz

02/08/2019

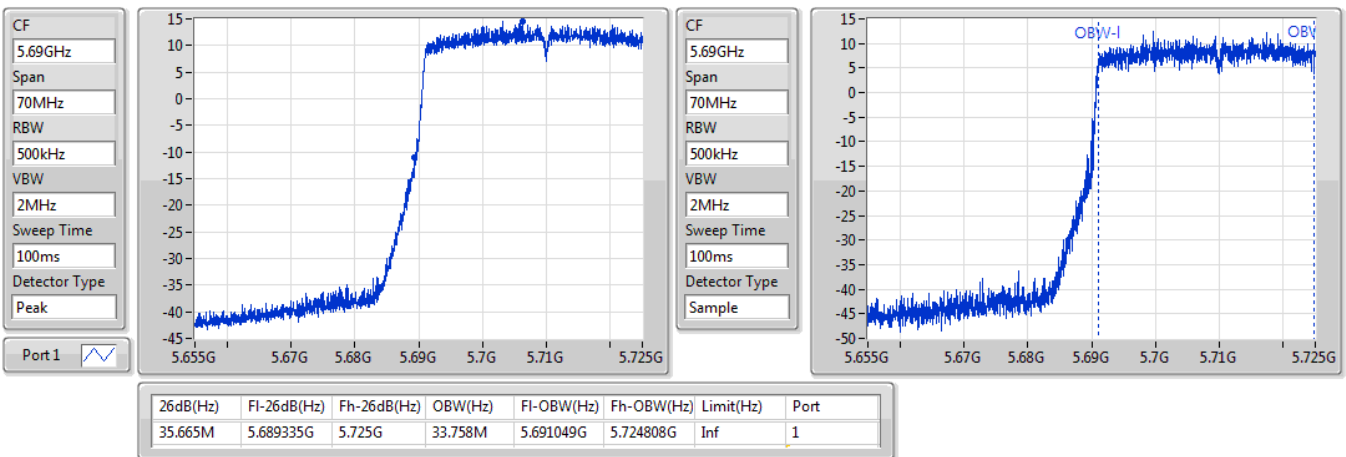


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/08/2019

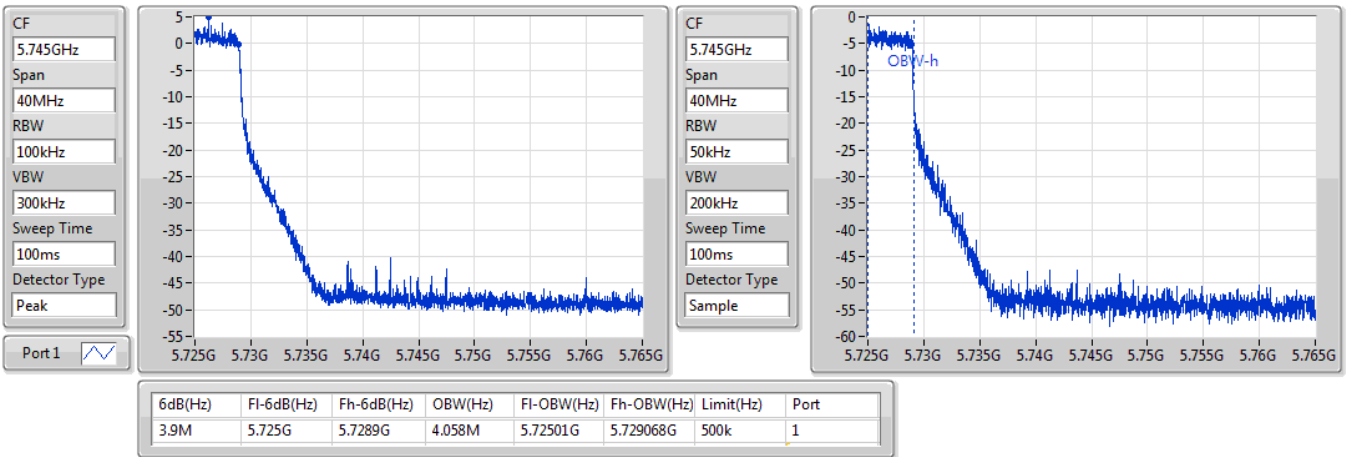


802.11ax HEW40\_Nss1,(MCS0)\_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/08/2019

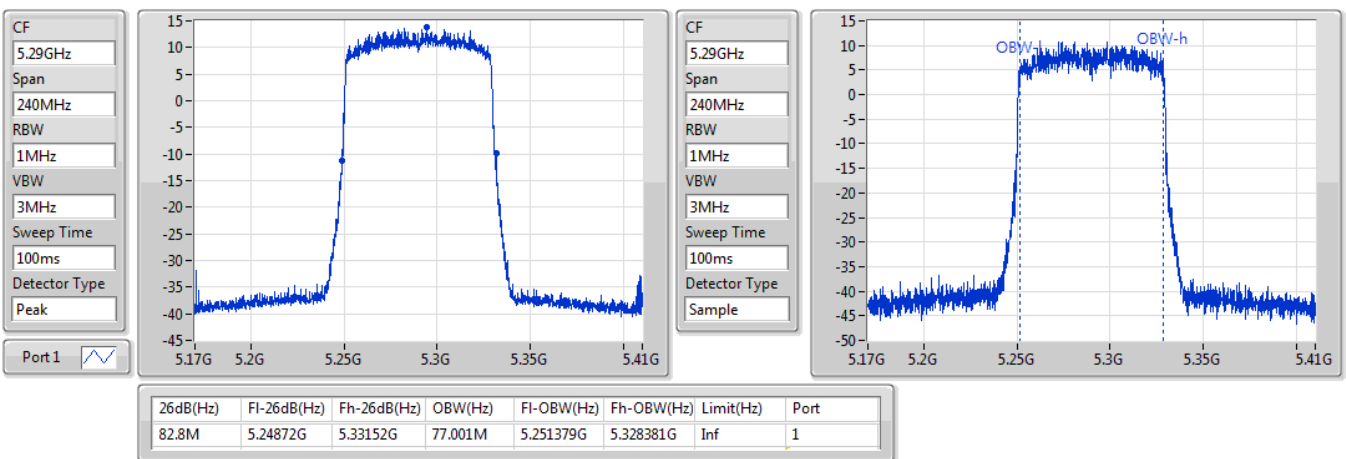


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5290MHz

02/08/2019



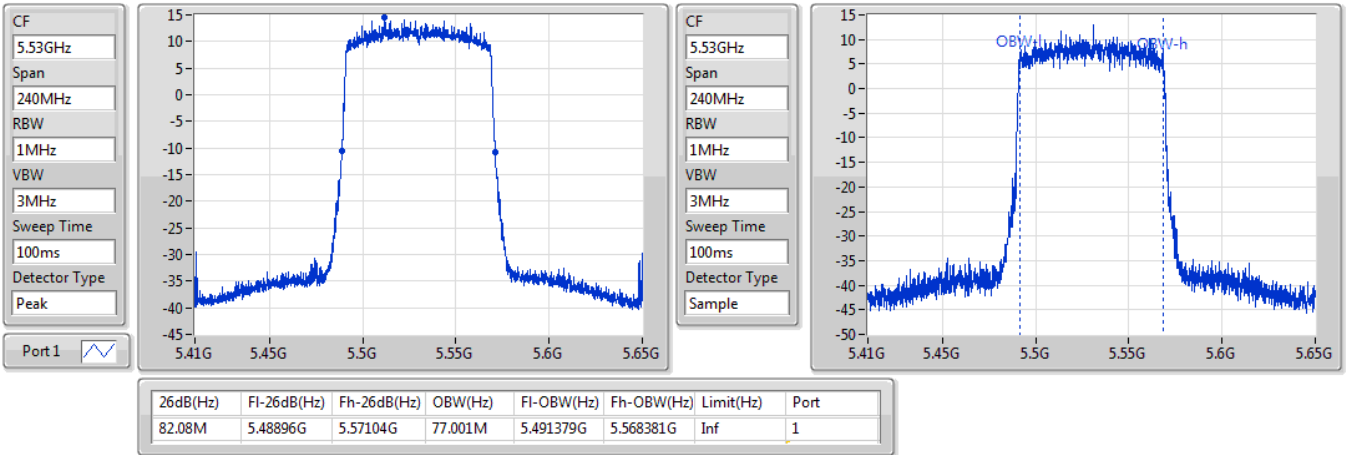


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5530MHz

02/08/2019

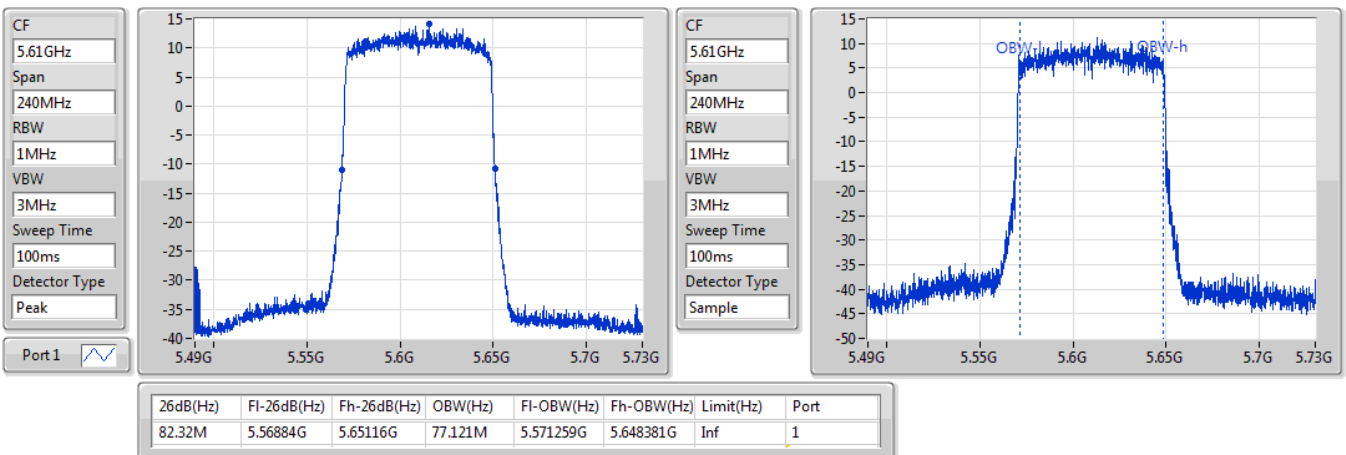


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5610MHz

02/08/2019

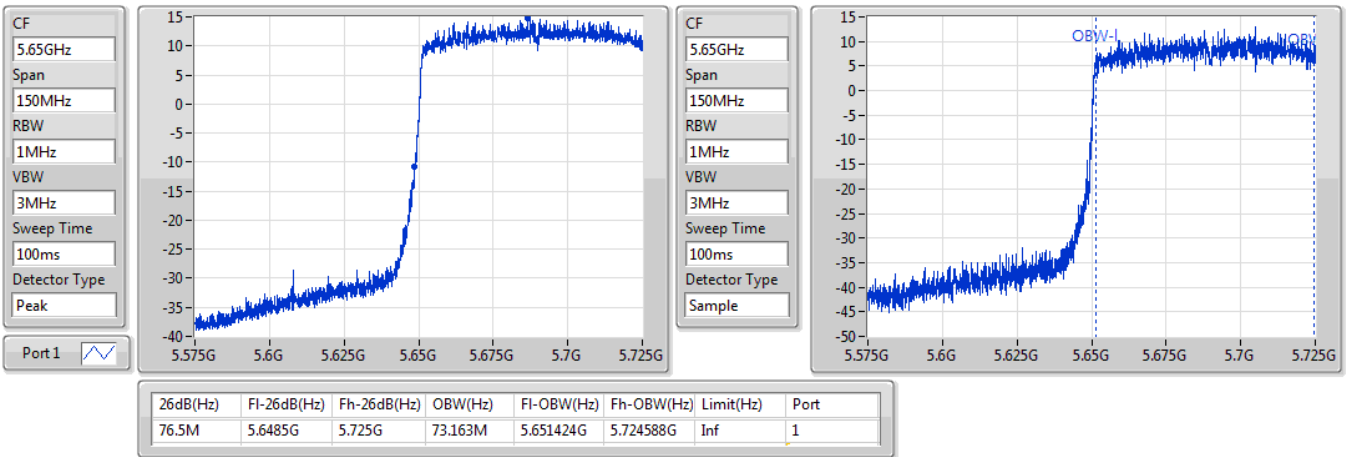


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/08/2019

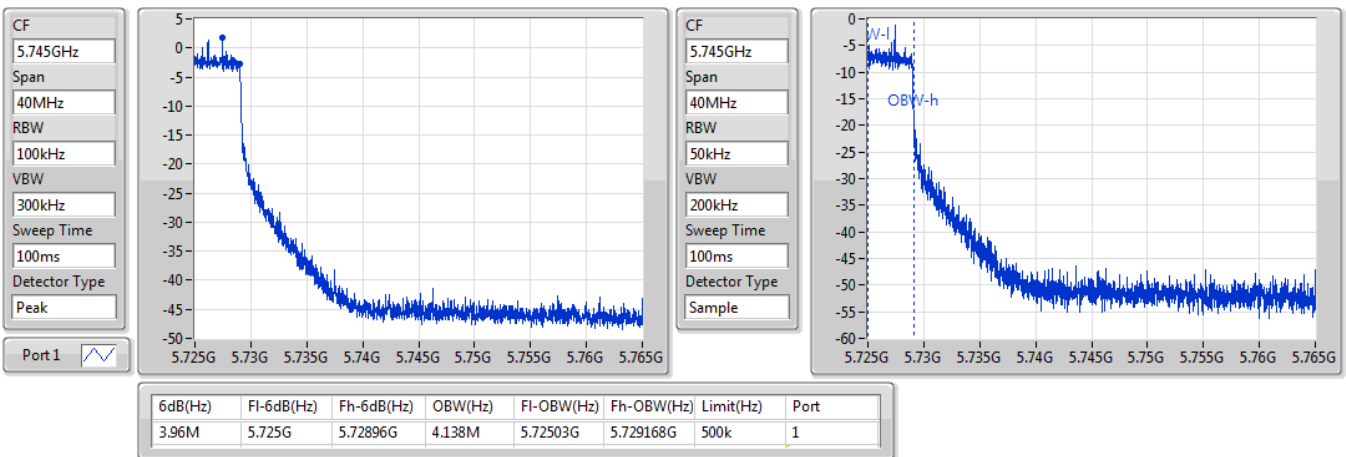


802.11ax HEW80\_Nss1,(MCS0)\_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/08/2019



**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)_2TX	20.76M	16.432M	16M4D1D	20.4M	16.402M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.05M	18.921M	18M9D1D	21.18M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.16M	37.721M	37M7D1D	40.98M	37.661M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.001M	77MOD1D	82.44M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.76M	16.432M	16M4D1D	15.18M	13.208M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.05M	18.951M	19MOD1D	15.72M	14.468M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.34M	37.781M	37M8D1D	35.665M	33.793M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.8M	77.121M	77M1D1D	76.2M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.2M	3.618M	3M62D1D	3.08M	3.578M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.12M	4.538M	4M54D1D	4M	4.498M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	4.038M	4M04D1D	3.72M	4.038M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	4.138M	4M14D1D	4M	4.098M

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

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

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

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.55M	16.402M	20.76M	16.402M
5300MHz	Pass	Inf	20.4M	16.432M	20.76M	16.402M
5320MHz	Pass	Inf	20.49M	16.402M	20.73M	16.432M
5500MHz	Pass	Inf	20.49M	16.372M	20.76M	16.402M
5580MHz	Pass	Inf	20.61M	16.432M	20.73M	16.402M
5700MHz	Pass	Inf	20.58M	16.372M	20.34M	16.402M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.285M	13.208M	15.18M	13.253M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.618M	3.08M	3.578M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.18M	18.891M	21.84M	18.891M
5300MHz	Pass	Inf	21.87M	18.921M	22.05M	18.891M
5320MHz	Pass	Inf	21.84M	18.921M	21.87M	18.891M
5500MHz	Pass	Inf	21.75M	18.921M	22.05M	18.921M
5580MHz	Pass	Inf	21.39M	18.921M	22.02M	18.951M
5700MHz	Pass	Inf	21.48M	18.891M	21.6M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	14.468M	15.72M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.538M	4.12M	4.498M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.1M	37.661M	41.16M	37.661M
5310MHz	Pass	Inf	40.98M	37.661M	41.16M	37.721M
5510MHz	Pass	Inf	40.86M	37.721M	41.34M	37.721M
5550MHz	Pass	Inf	40.74M	37.721M	41.34M	37.721M
5670MHz	Pass	Inf	41.28M	37.781M	41.16M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.805M	33.863M	35.665M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.038M	4.08M	4.038M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.001M	82.56M	77.001M
5530MHz	Pass	Inf	82.08M	77.001M	82.32M	76.882M
5610MHz	Pass	Inf	82.32M	77.001M	82.8M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.238M	76.2M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.138M	4M	4.098M

**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;

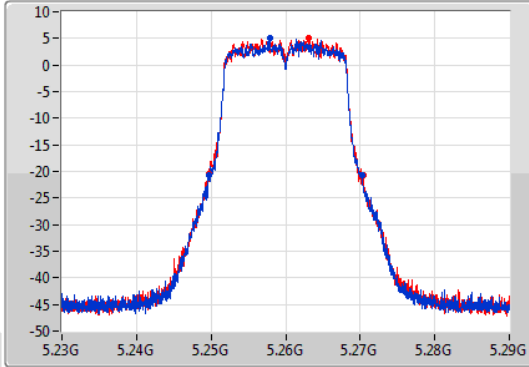
802.11a\_Nss1,(6Mbps)\_2TX

EBW

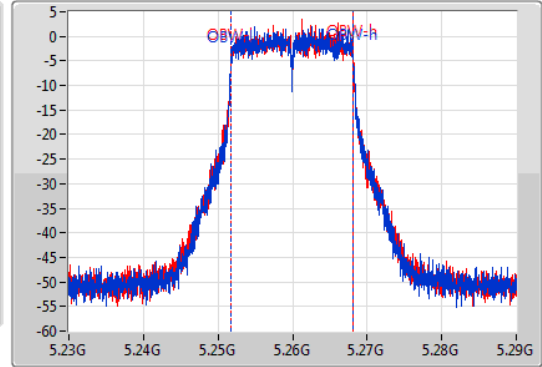
5260MHz

01/08/2019

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
20.55M	5.24965G	5.2702G	16.402M	5.251754G	5.268156G	Inf	1
20.76M	5.24968G	5.27044G	16.402M	5.251754G	5.268156G	Inf	2

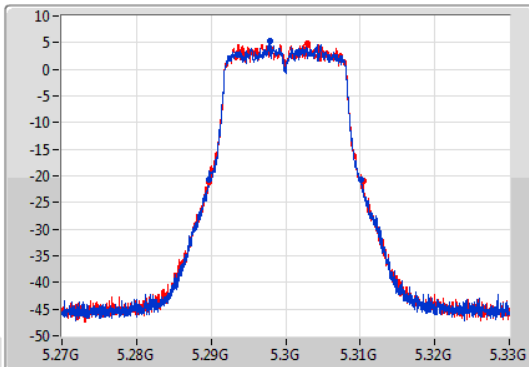
802.11a\_Nss1,(6Mbps)\_2TX

EBW

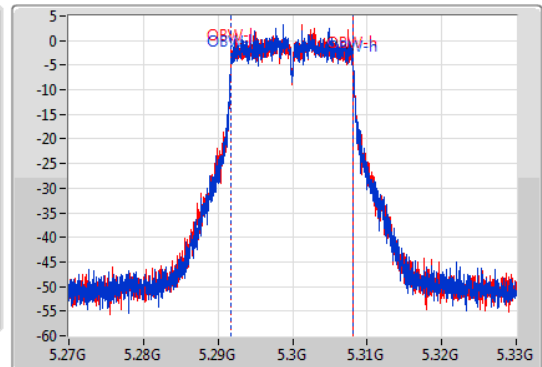
5300MHz

01/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.28965G	5.31005G	16.432M	5.291724G	5.308156G	Inf	1
20.76M	5.28965G	5.31041G	16.402M	5.291754G	5.308156G	Inf	2

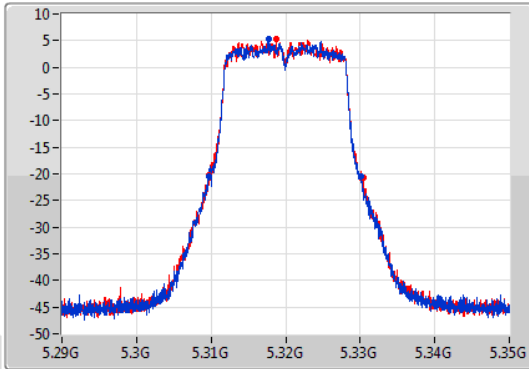
802.11a\_Nss1,(6Mbps)\_2TX

EBW

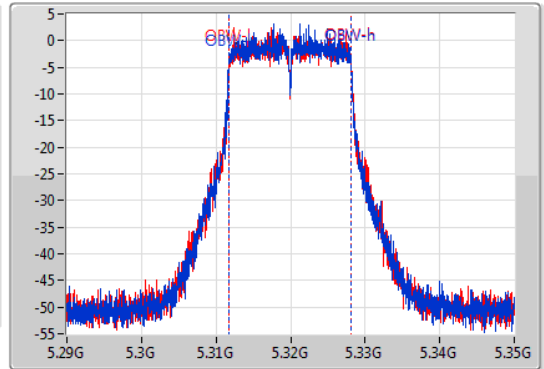
5320MHz

01/08/2019

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
20.49M	5.30965G	5.33014G	16.402M	5.311724G	5.328126G	Inf	1
20.73M	5.30971G	5.33044G	16.432M	5.311724G	5.328156G	Inf	2

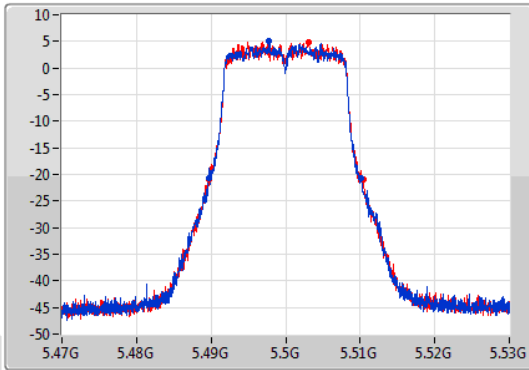
802.11a\_Nss1,(6Mbps)\_2TX

EBW

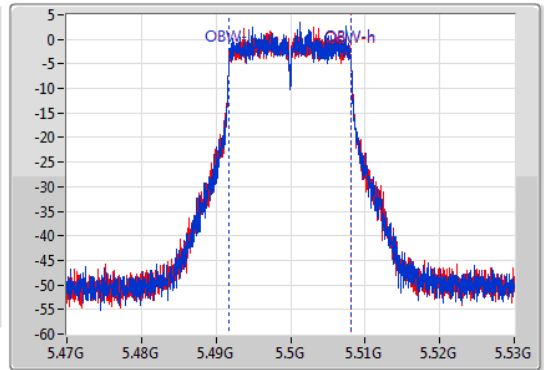
5500MHz

01/08/2019

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
20.49M	5.48965G	5.51014G	16.372M	5.491754G	5.508126G	Inf	1
20.76M	5.48965G	5.51041G	16.402M	5.491724G	5.508126G	Inf	2

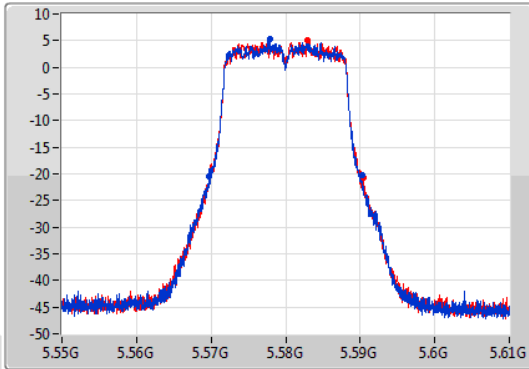
802.11a\_Nss1,(6Mbps)\_2TX

EBW

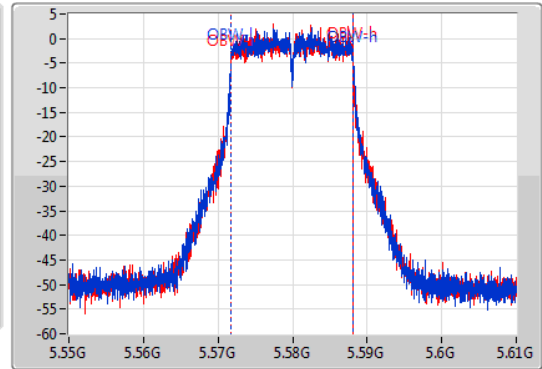
5580MHz

01/08/2019

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
20.61M	5.56965G	5.59026G	16.432M	5.571724G	5.588156G	Inf	1
20.73M	5.56968G	5.59041G	16.402M	5.571724G	5.588126G	Inf	2

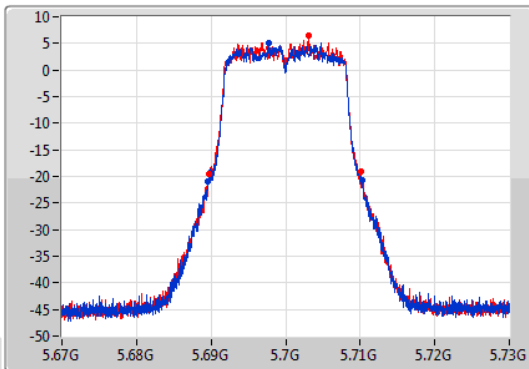
802.11a\_Nss1,(6Mbps)\_2TX

EBW

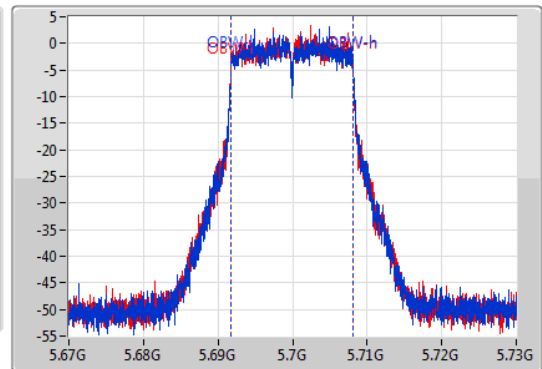
5700MHz

01/08/2019

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



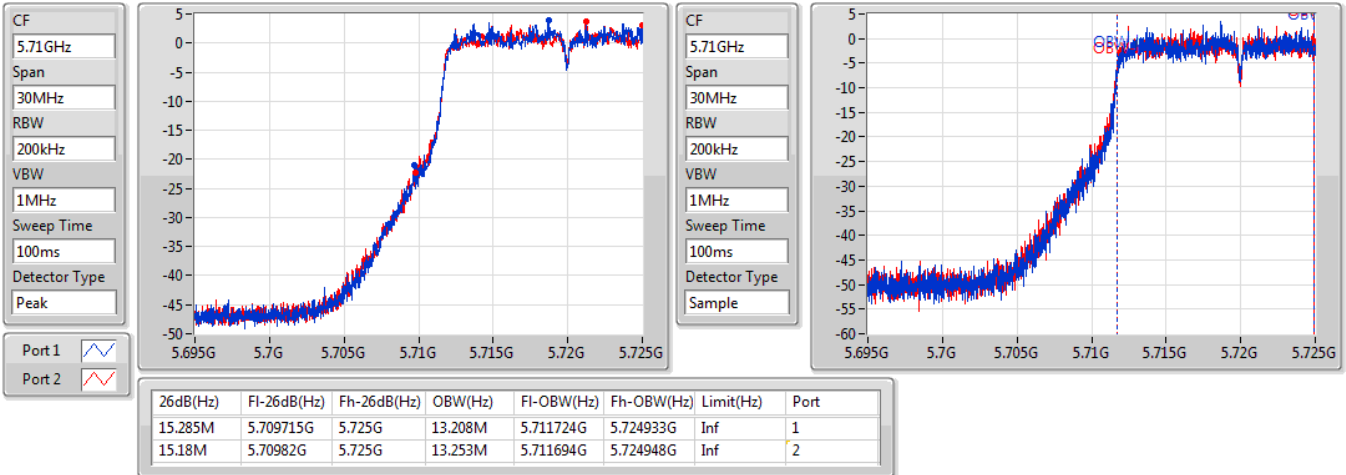
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.68962G	5.7102G	16.372M	5.691754G	5.708126G	Inf	1
20.34M	5.68974G	5.71008G	16.402M	5.691724G	5.708126G	Inf	2

802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

01/08/2019

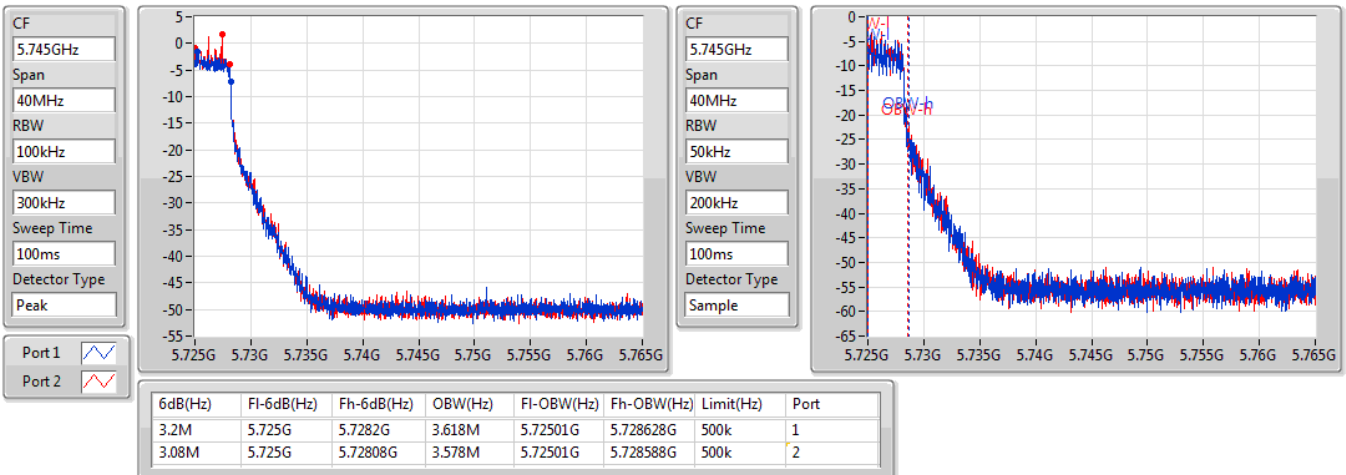


802.11a\_Nss1,(6Mbps)\_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

01/08/2019





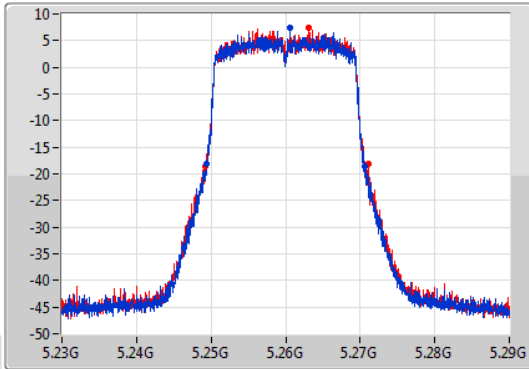
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

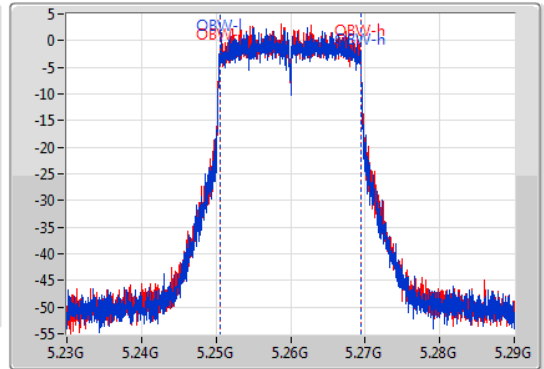
5260MHz

01/08/2019

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
21.18M	5.24944G	5.27062G	18.891M	5.250495G	5.269385G	Inf	1
21.84M	5.2492G	5.27104G	18.891M	5.250495G	5.269385G	Inf	2

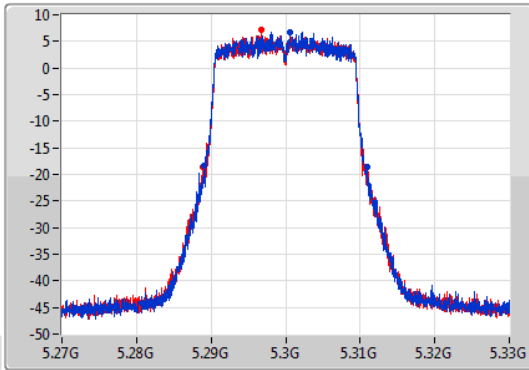
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

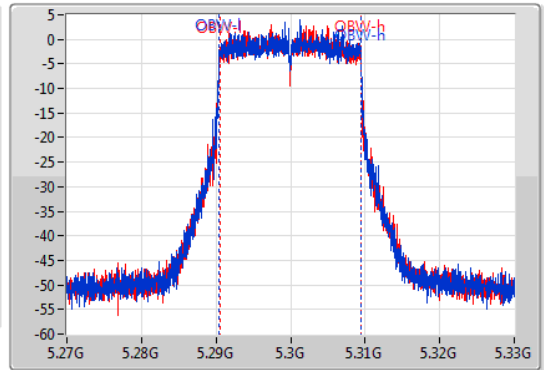
5300MHz

01/08/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.28902G	5.31089G	18.921M	5.290465G	5.309385G	Inf	1
22.05M	5.28881G	5.31086G	18.891M	5.290495G	5.309385G	Inf	2

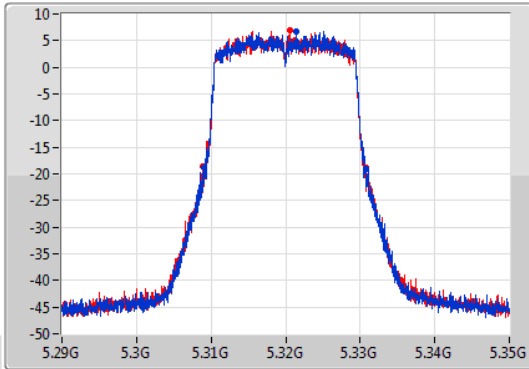
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

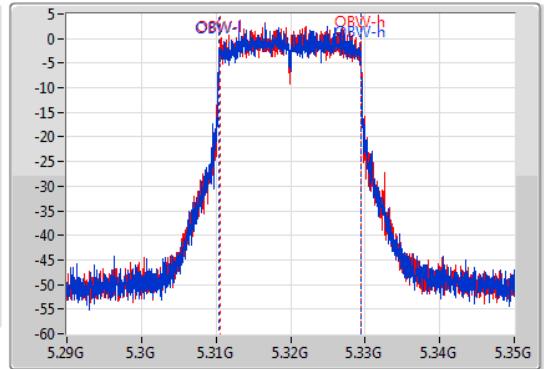
5320MHz

01/08/2019

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
21.84M	5.30899G	5.33083G	18.921M	5.310465G	5.329385G	Inf	1
21.87M	5.30887G	5.33074G	18.891M	5.310495G	5.329385G	Inf	2

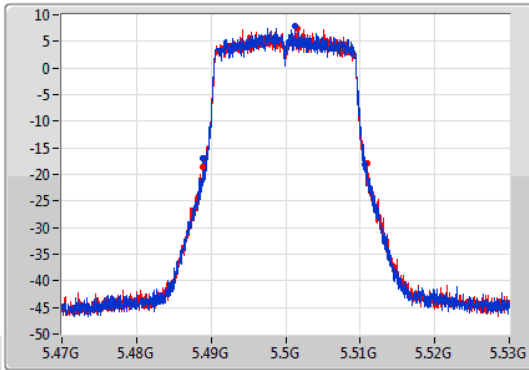
802.11ax HEW20\_Nss1,(MCS0)\_2TX

EBW

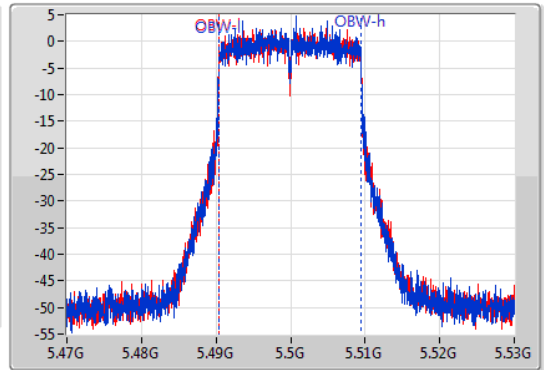
5500MHz

01/08/2019

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
21.75M	5.4889G	5.51065G	18.921M	5.490465G	5.509385G	Inf	1
22.05M	5.48884G	5.51089G	18.921M	5.490465G	5.509385G	Inf	2