

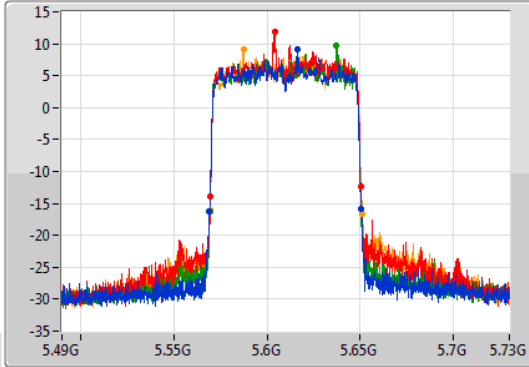
802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

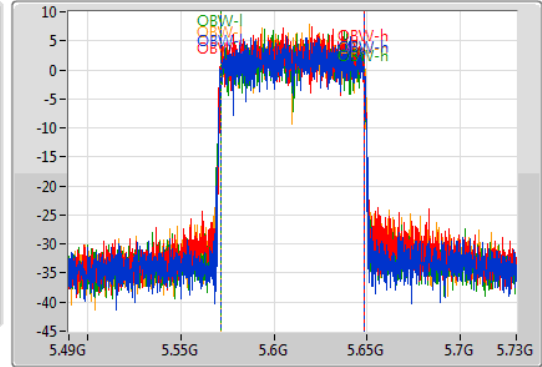
5610MHz

03/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.56908G	5.65056G	77.241M	5.571259G	5.648501G	Inf	1
80.76M	5.56956G	5.65032G	77.121M	5.571379G	5.648501G	Inf	2
81.24M	5.56932G	5.65056G	77.121M	5.571379G	5.648501G	Inf	3
81.72M	5.56932G	5.65104G	77.001M	5.571379G	5.648381G	Inf	4

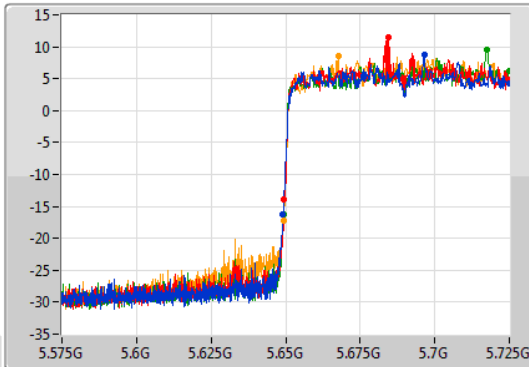
802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

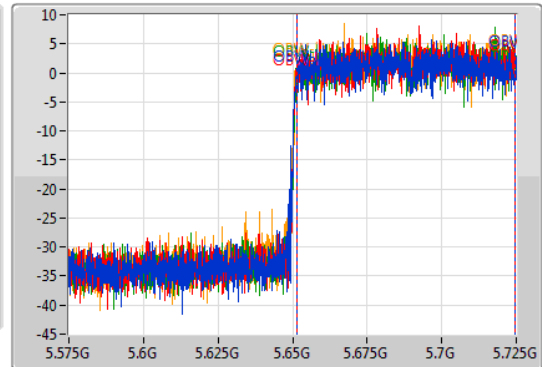
5690MHz Straddle 5.47-5.725GHz

03/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.9M	5.6491G	5.725G	73.313M	5.651274G	5.724588G	Inf	1
75.45M	5.64955G	5.725G	73.313M	5.651274G	5.724588G	Inf	2
75.675M	5.649325G	5.725G	73.238M	5.651349G	5.724588G	Inf	3
75.825M	5.649175G	5.725G	73.313M	5.651274G	5.724588G	Inf	4

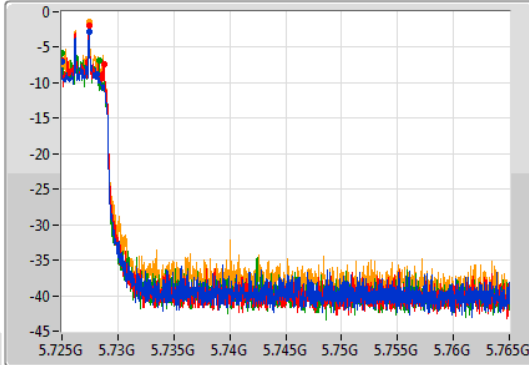
802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

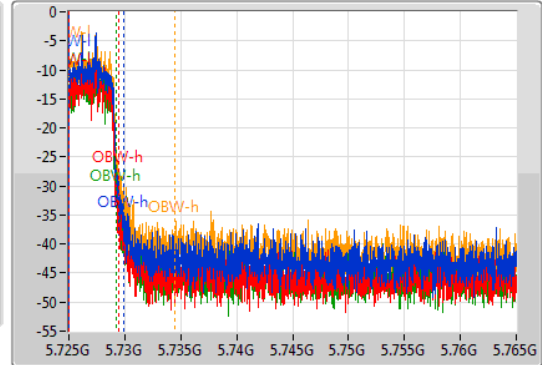
5690MHz Straddle 5.725-5.85GHz

03/11/2019

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



CF
5.745GHz
Span
40MHz
RBW
100kHz
VBW
300kHz
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
3.14M	5.725G	5.72814G	4.918M	5.72503G	5.729948G	500k	1
3.76M	5.725G	5.72876G	4.418M	5.72501G	5.729428G	500k	2
3.38M	5.725G	5.72838G	4.258M	5.72503G	5.729288G	500k	3
3.74M	5.72502G	5.72876G	9.395M	5.72503G	5.734425G	500k	4

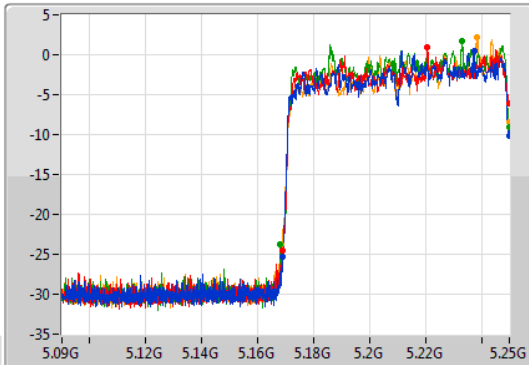
802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

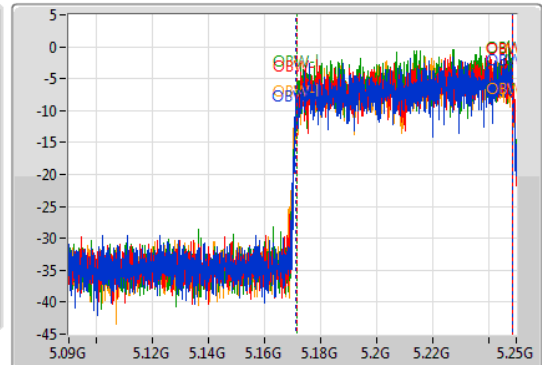
5250MHz Straddle 5.15-5.25GHz

03/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

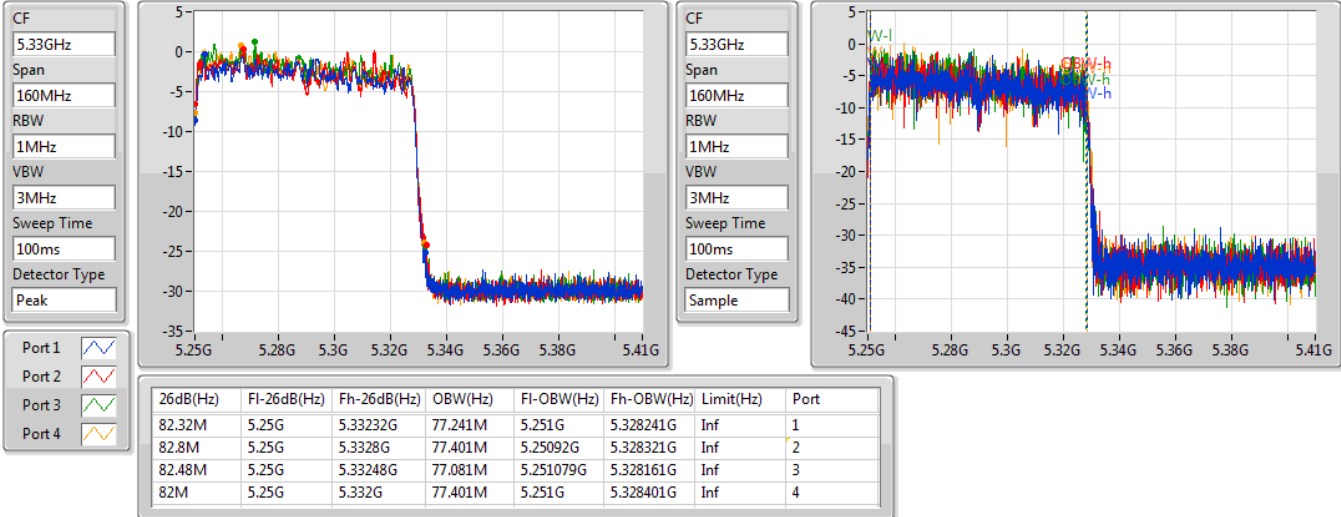
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.04M	5.16896G	5.25G	77.401M	5.171279G	5.248681G	Inf	1
81.12M	5.16888G	5.25G	77.321M	5.171439G	5.248761G	Inf	2
82M	5.168G	5.25G	77.321M	5.171519G	5.248841G	Inf	3
81.36M	5.16864G	5.25G	77.161M	5.171599G	5.248761G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/11/2019

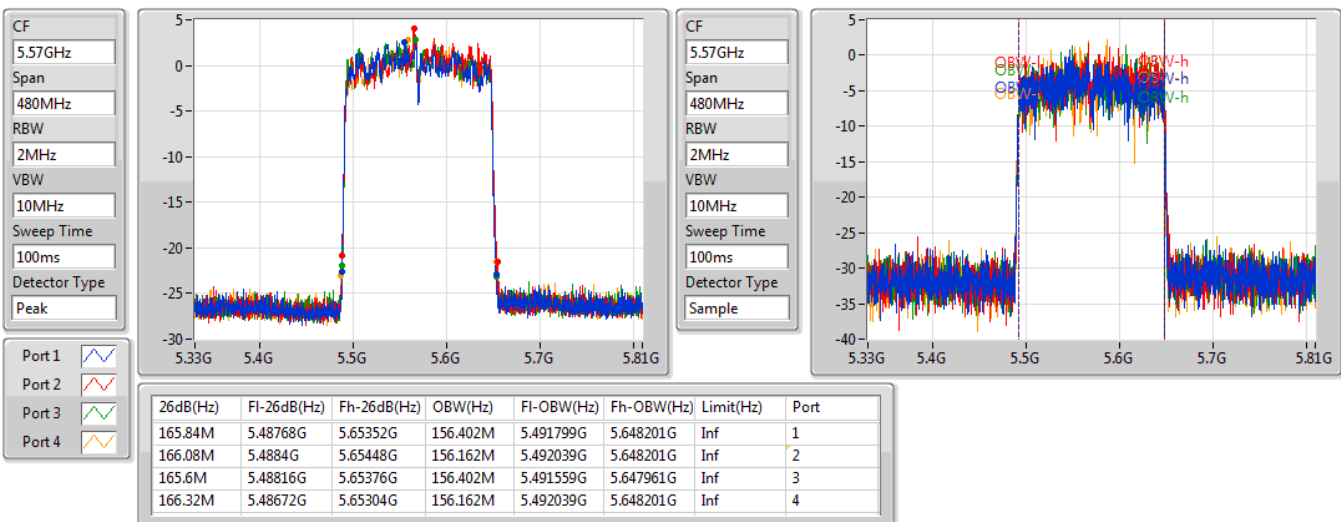


802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5570MHz

03/11/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	116.32M	75.642M	75M6D1D	116.32M	75.642M
802.11ax HEW160_Nss1,(MCS0)_1TX	80.64M	77.321M	77M3D1D	80.64M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.22M	16.792M	16M8D1D	27.36M	16.702M
802.11ac VHT20_Nss1,(MCS0)_1TX	39.27M	17.961M	18M0D1D	22.86M	17.841M
802.11ac VHT40_Nss1,(MCS0)_1TX	80.28M	36.462M	36M5D1D	40.2M	36.282M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.32M	75.802M	75M8D1D	82.32M	75.802M
802.11ac VHT160_Nss1,(MCS0)_1TX	154.96M	75.802M	75M8D1D	154.96M	75.802M
802.11ax HEW20_Nss1,(MCS0)_1TX	37.35M	19.07M	19M1D1D	23.94M	19.04M
802.11ax HEW40_Nss1,(MCS0)_1TX	74.22M	37.781M	37M8D1D	40.02M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.44M	77.121M	77M1D1D	82.44M	77.121M
802.11ax HEW160_Nss1,(MCS0)_1TX	81.76M	77.161M	77M2D1D	81.76M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	26.16M	16.672M	16M7D1D	21.45M	13.463M
802.11ac VHT20_Nss1,(MCS0)_1TX	29.82M	17.901M	17M9D1D	21.81M	14.138M
802.11ac VHT40_Nss1,(MCS0)_1TX	76.08M	36.402M	36M4D1D	40.26M	33.163M
802.11ac VHT80_Nss1,(MCS0)_1TX	92.925M	75.802M	75M8D1D	82.32M	72.639M
802.11ac VHT160_Nss1,(MCS0)_1TX	164.64M	154.483M	154MD1D	164.64M	154.483M
802.11ax HEW20_Nss1,(MCS0)_1TX	28.29M	19.04M	19M0D1D	21.63M	14.618M
802.11ax HEW40_Nss1,(MCS0)_1TX	54.48M	37.661M	37M7D1D	40.2M	33.793M
802.11ax HEW80_Nss1,(MCS0)_1TX	100.95M	77.241M	77M2D1D	82.08M	73.463M
802.11ax HEW160_Nss1,(MCS0)_1TX	165.36M	155.922M	156MD1D	165.36M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	5.737M	5M74D1D	3.1M	5.737M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.72M	7.056M	7M06D1D	3.72M	7.056M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.1M	18.231M	18M2D1D	3.1M	18.231M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.08M	30.005M	30M0D1D	3.08M	30.005M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	8.836M	8M84D1D	4.44M	8.836M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.68M	18.571M	18M6D1D	3.68M	18.571M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.76M	28.686M	28M7D1D	3.76M	28.686M

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	36.54M	16.702M
5300MHz	Pass	Inf	38.22M	16.792M
5320MHz	Pass	Inf	27.36M	16.732M
5500MHz	Pass	Inf	21.69M	16.582M
5580MHz	Pass	Inf	26.16M	16.672M
5700MHz	Pass	Inf	21.45M	16.582M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.025M	13.463M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	5.737M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	39.27M	17.961M
5300MHz	Pass	Inf	35.85M	17.931M
5320MHz	Pass	Inf	22.86M	17.841M
5500MHz	Pass	Inf	21.81M	17.751M
5580MHz	Pass	Inf	29.82M	17.901M
5700MHz	Pass	Inf	21.84M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.635M	14.138M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	7.056M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	80.28M	36.462M
5310MHz	Pass	Inf	40.2M	36.282M
5510MHz	Pass	Inf	40.26M	36.342M
5550MHz	Pass	Inf	76.08M	36.402M
5670MHz	Pass	Inf	40.38M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	55.825M	33.163M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	18.231M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.32M	75.802M
5530MHz	Pass	Inf	82.32M	75.802M
5610MHz	Pass	Inf	83.16M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	92.925M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	30.005M
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	116.32M	75.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	154.96M	75.802M
5570MHz	Pass	Inf	164.64M	154.483M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	37.35M	19.04M
5300MHz	Pass	Inf	36.72M	19.07M
5320MHz	Pass	Inf	23.94M	19.04M
5500MHz	Pass	Inf	21.63M	18.951M
5580MHz	Pass	Inf	28.29M	19.04M
5700MHz	Pass	Inf	21.72M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.44M	14.618M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	8.836M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	74.22M	37.781M
5310MHz	Pass	Inf	40.02M	37.601M
5510MHz	Pass	Inf	40.38M	37.601M
5550MHz	Pass	Inf	54.48M	37.661M
5670MHz	Pass	Inf	40.2M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.235M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.68M	18.571M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.121M
5530MHz	Pass	Inf	82.08M	77.121M
5610MHz	Pass	Inf	82.68M	77.241M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	100.95M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	28.686M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.76M	77.161M
5570MHz	Pass	Inf	165.36M	155.922M

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;

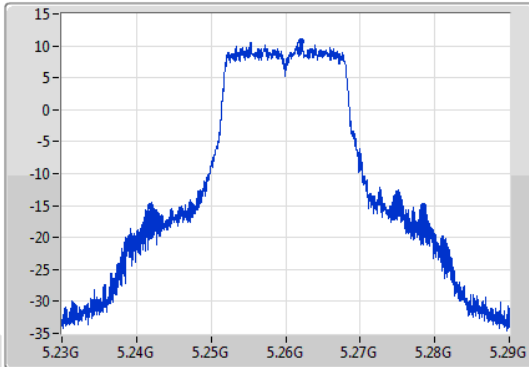
802.11a_Nss1,(6Mbps)_1TX

EBW

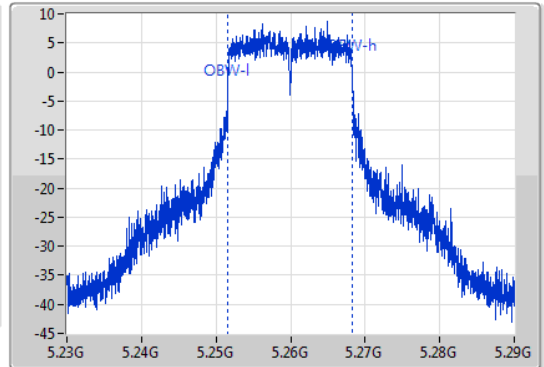
5260MHz

06/11/2019

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
36.54M	5.24194G	5.27848G	16.702M	5.251604G	5.268306G	Inf	1

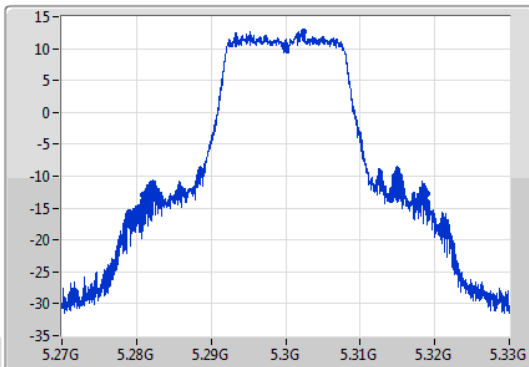
802.11a_Nss1,(6Mbps)_1TX

EBW

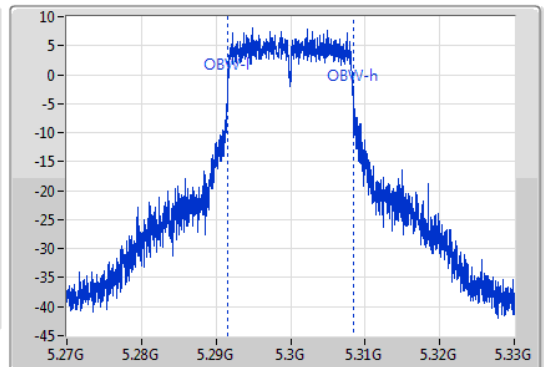
5300MHz

06/11/2019

CF
5.3GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port1



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



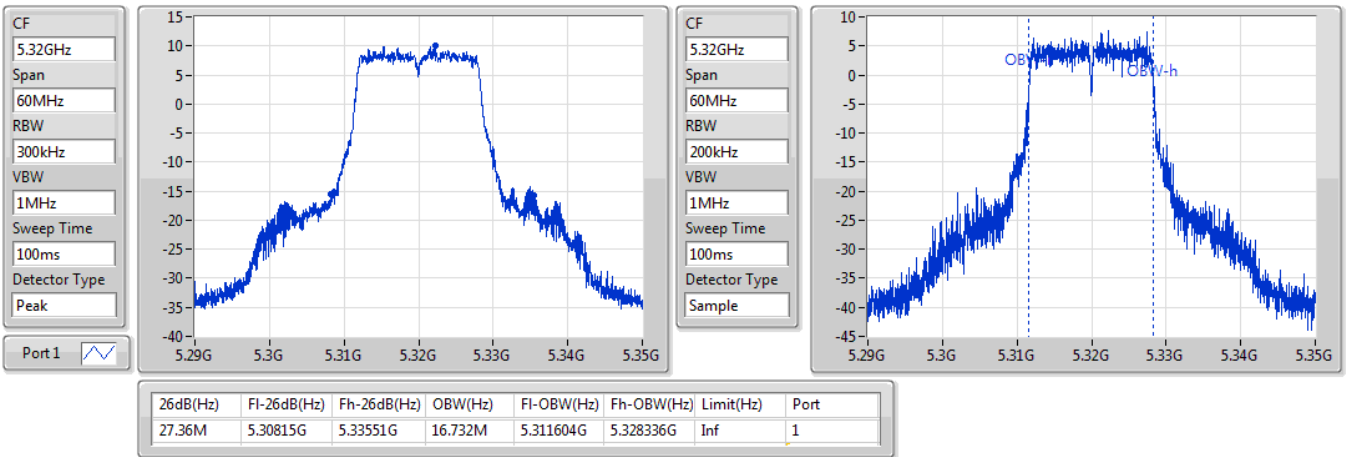
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38.22M	5.28083G	5.31905G	16.792M	5.291574G	5.308366G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

06/11/2019

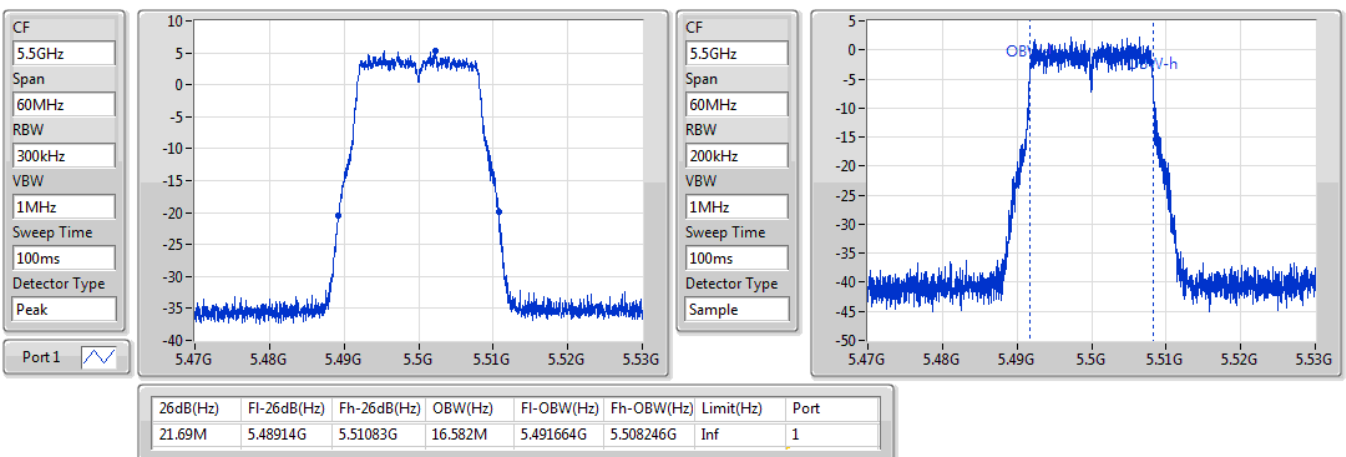


802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

06/11/2019



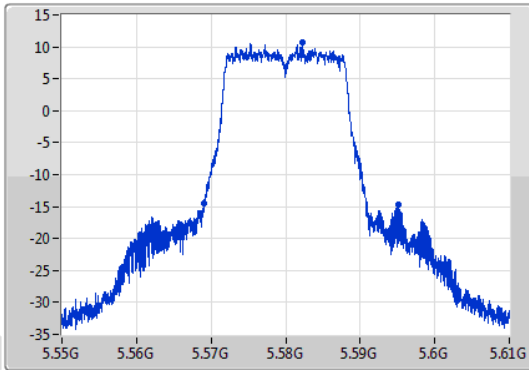
802.11a_Nss1,(6Mbps)_1TX

EBW

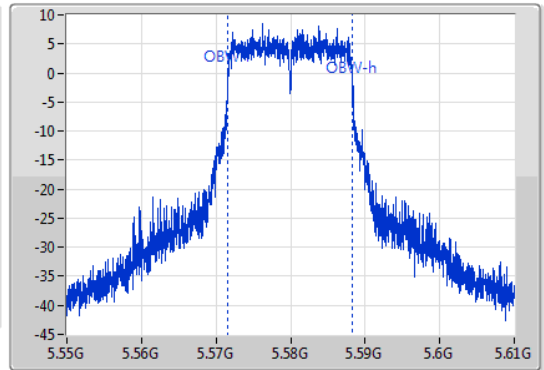
5580MHz

06/11/2019

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
26.16M	5.56899G	5.59515G	16.672M	5.571604G	5.588276G	Inf	1

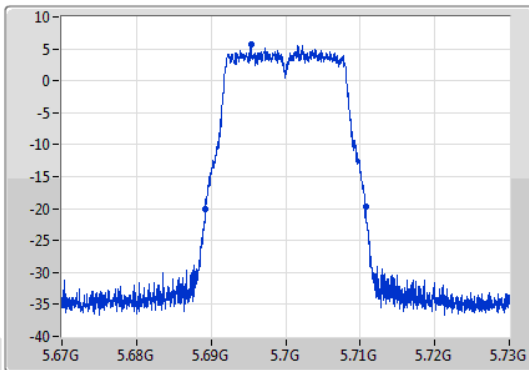
802.11a_Nss1,(6Mbps)_1TX

EBW

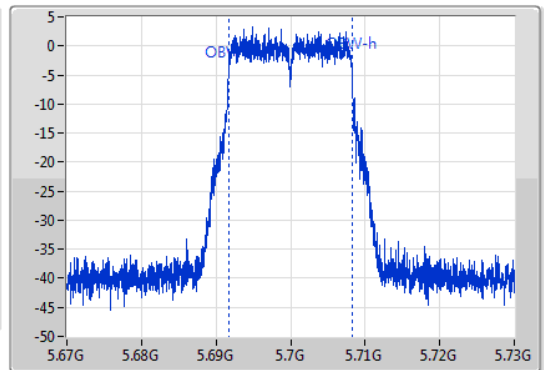
5700MHz

06/11/2019

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



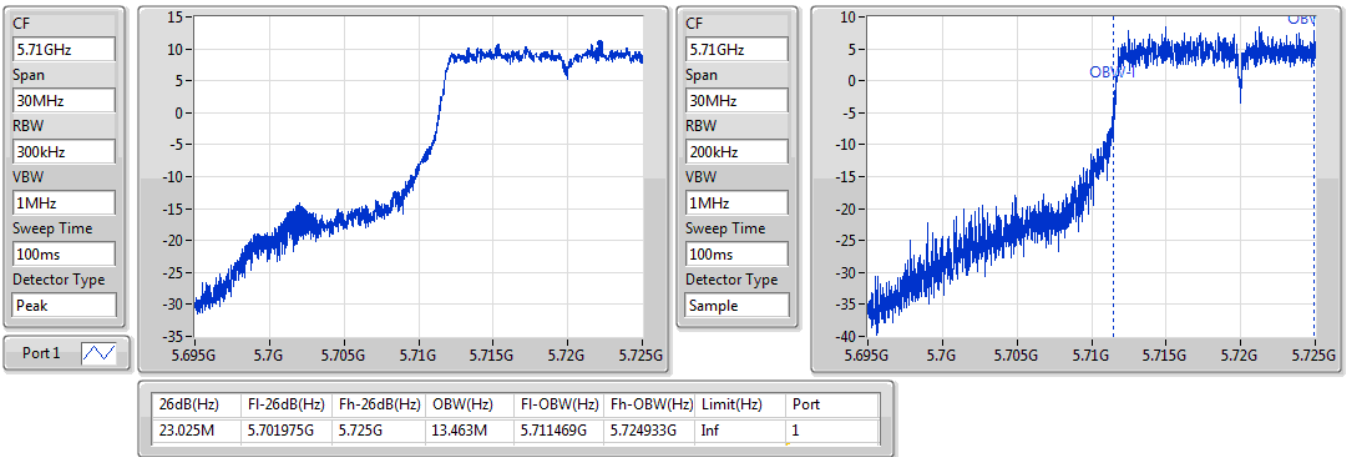
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.68926G	5.71071G	16.582M	5.691664G	5.708246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

06/11/2019

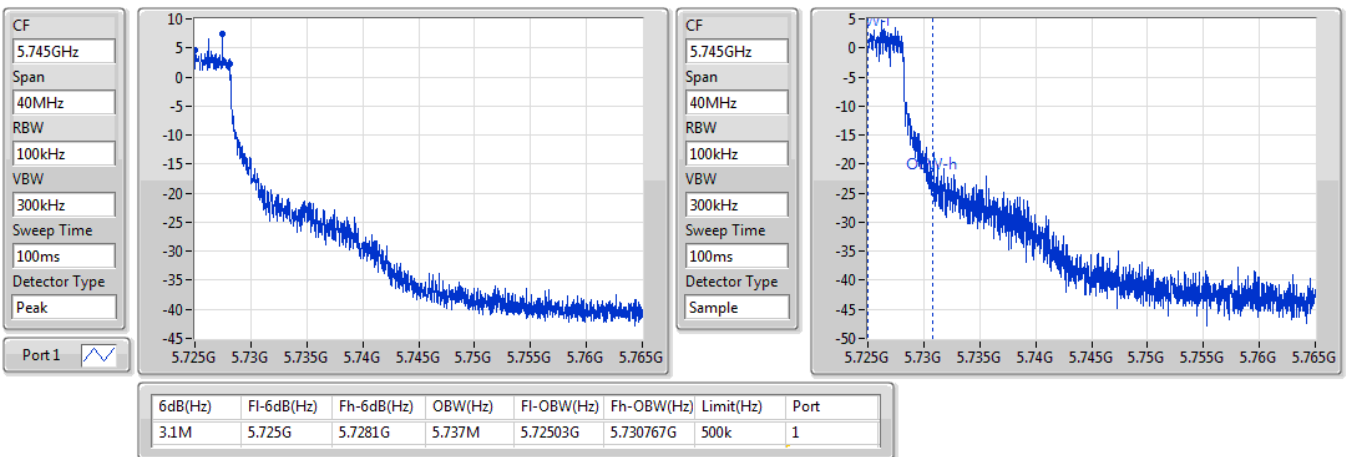


802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

06/11/2019

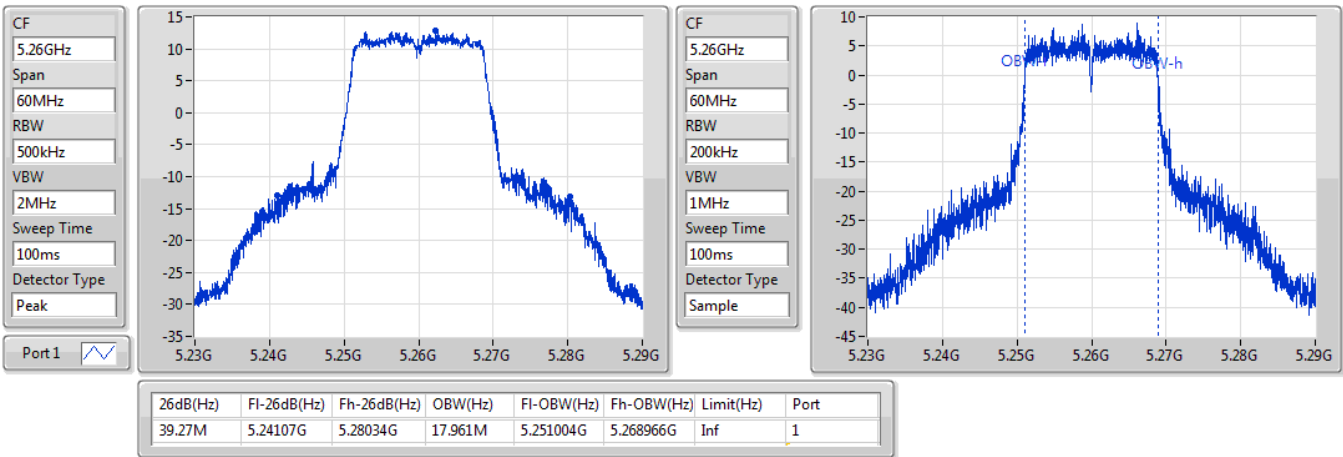


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

06/11/2019

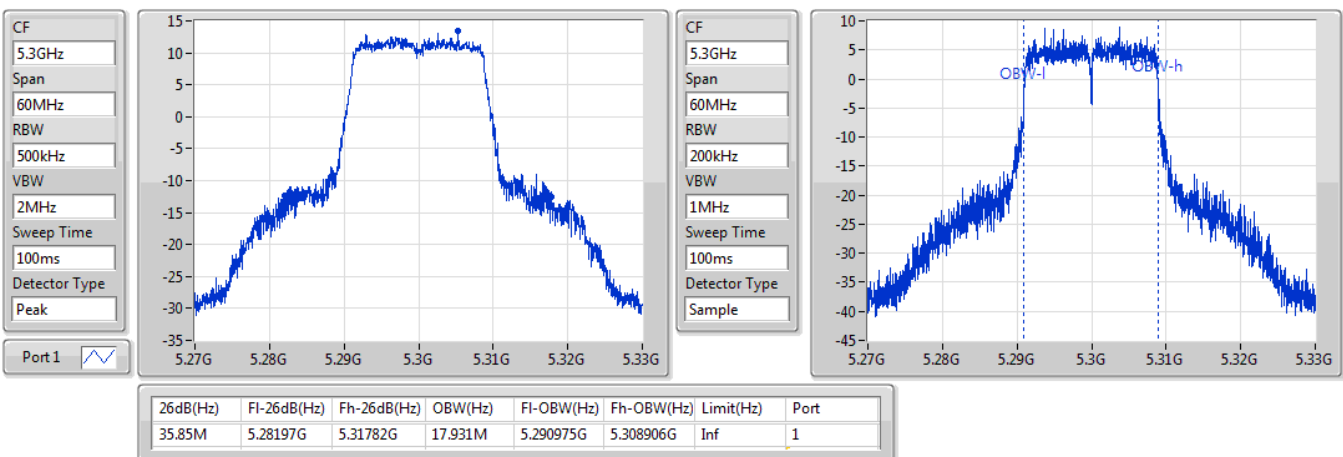


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

06/11/2019

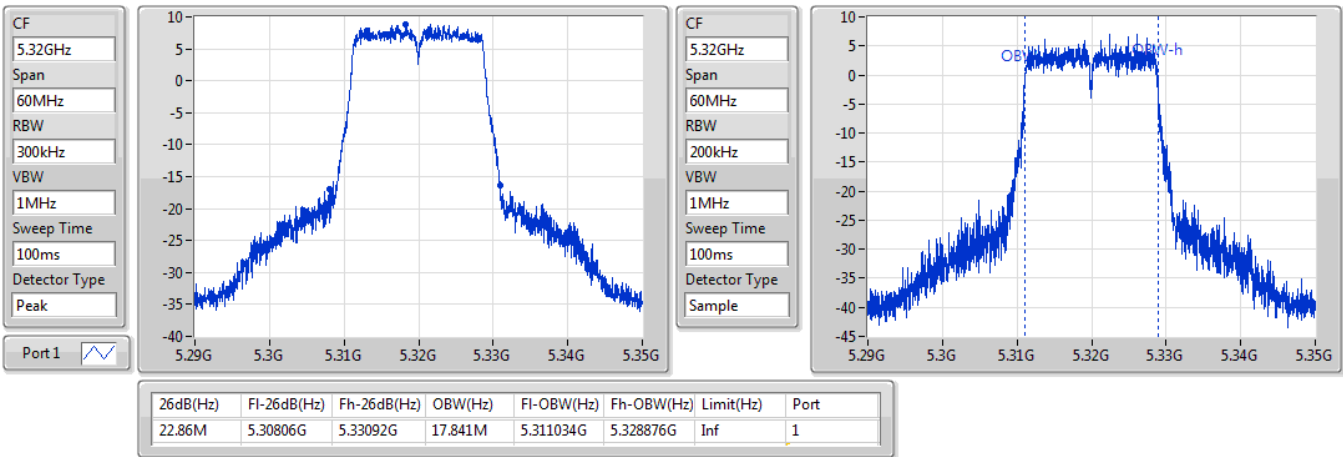


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

06/11/2019

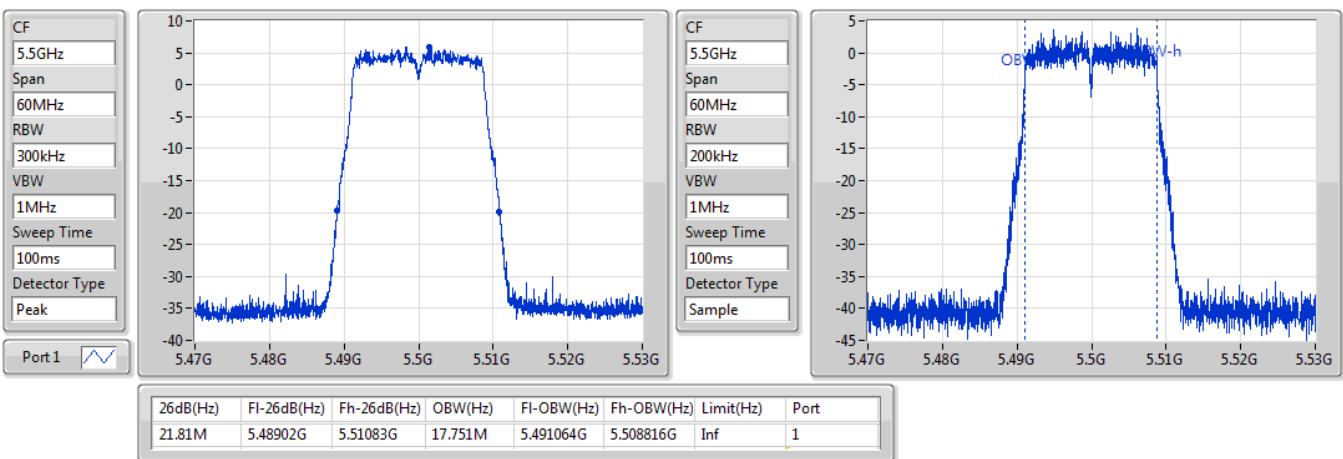


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

06/11/2019

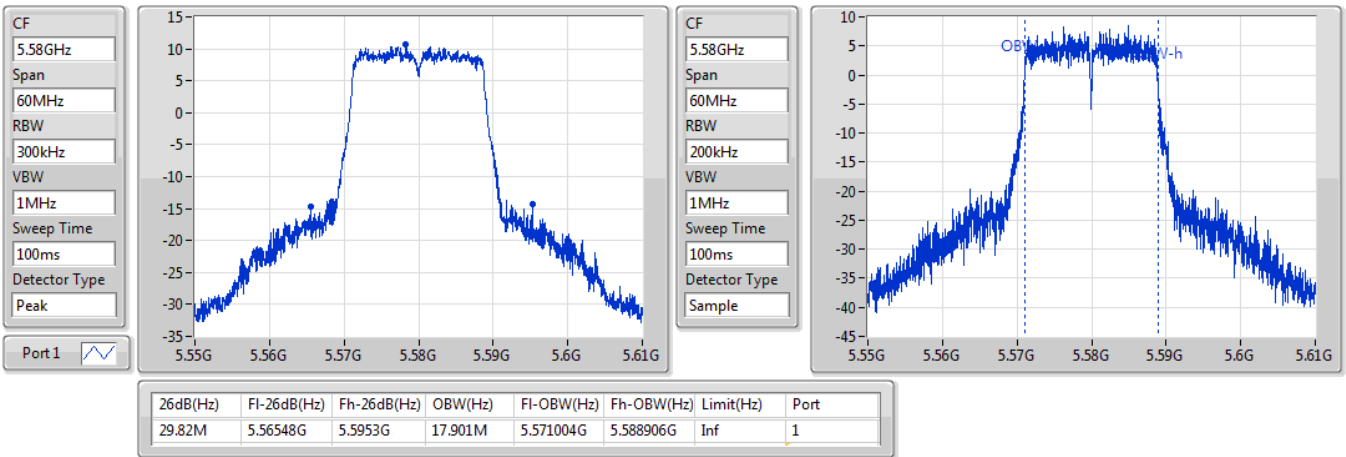


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

06/11/2019

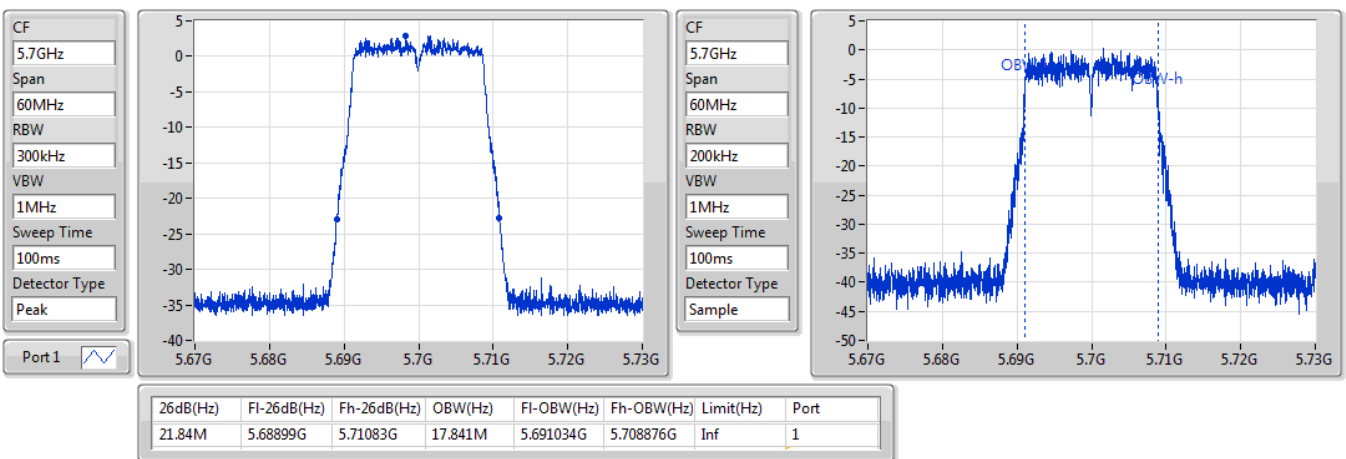


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5700MHz

06/11/2019

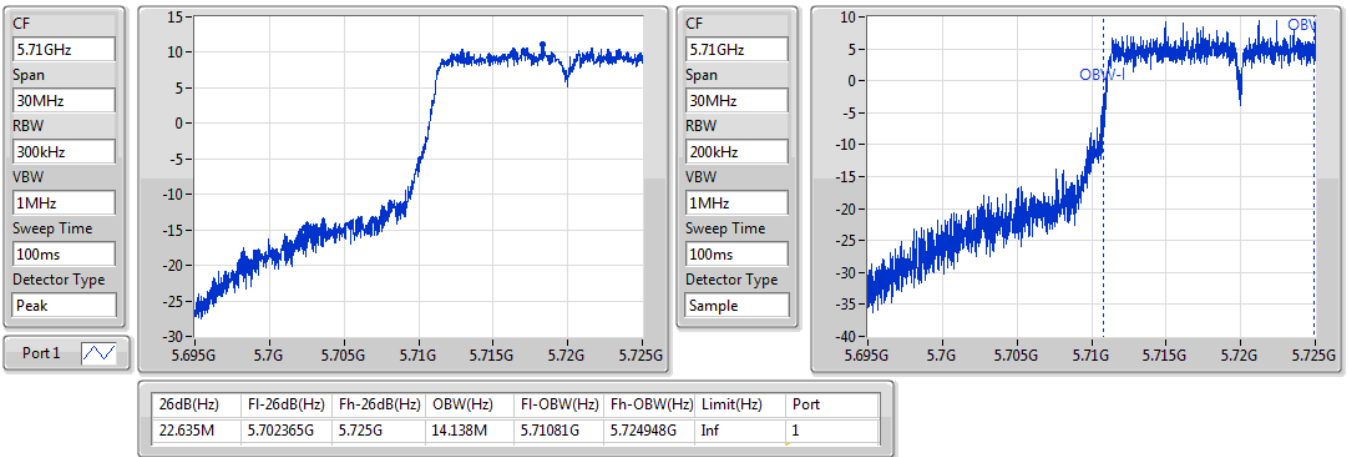


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

06/11/2019

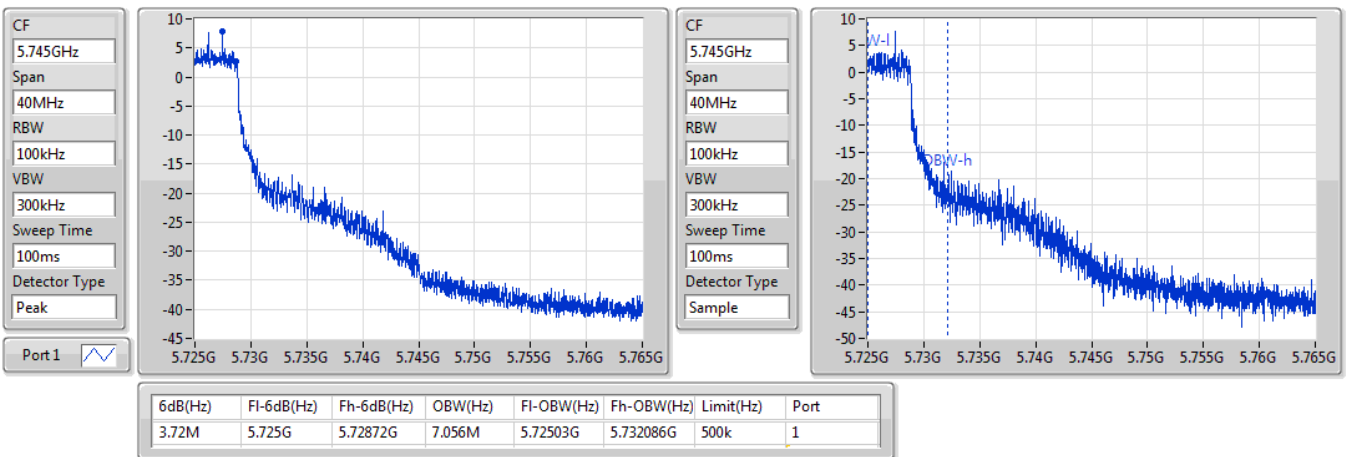


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

06/11/2019



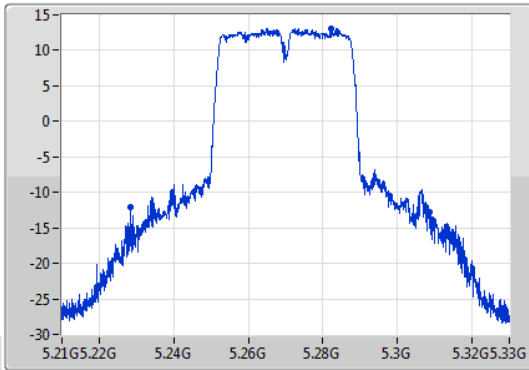
802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

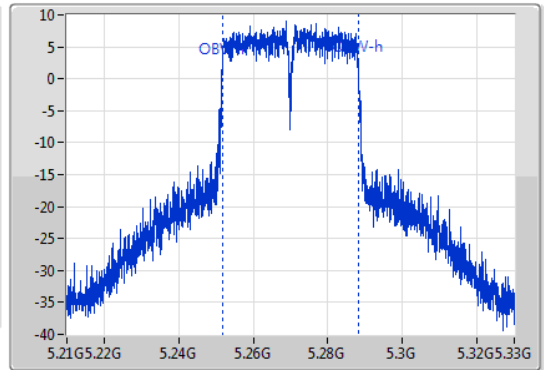
5270MHz

06/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.22836G	5.30864G	36.462M	5.251709G	5.288171G	Inf	1

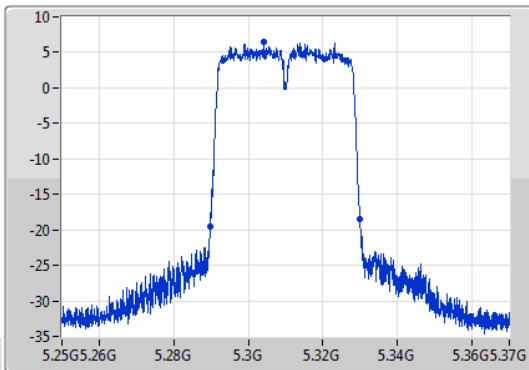
802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

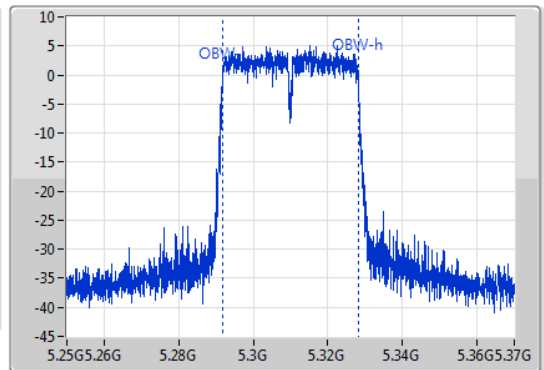
5310MHz

06/11/2019

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



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



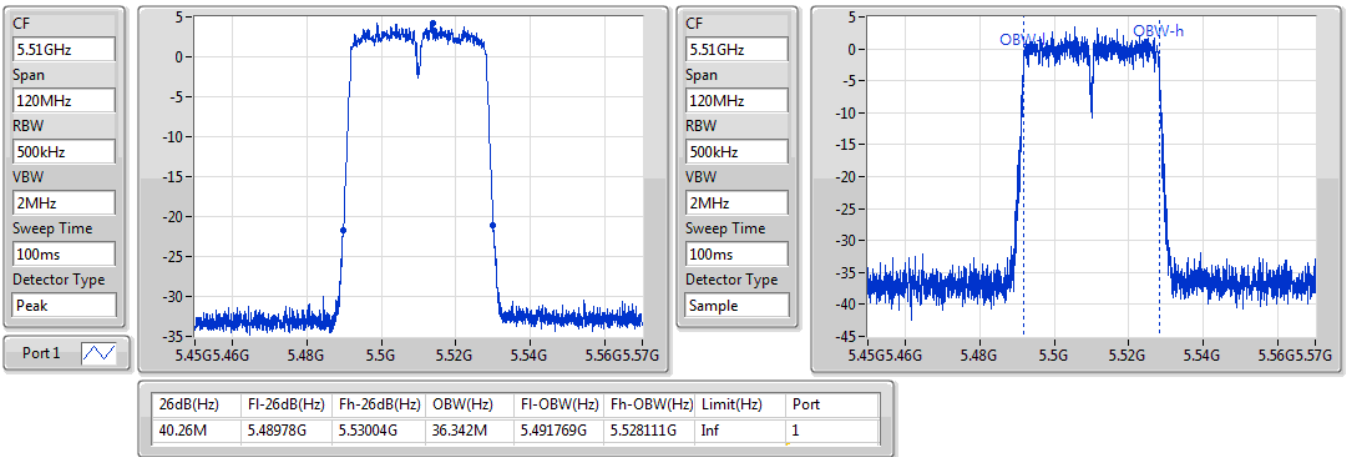
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.28978G	5.32998G	36.282M	5.291769G	5.328051G	Inf	1

802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

06/11/2019

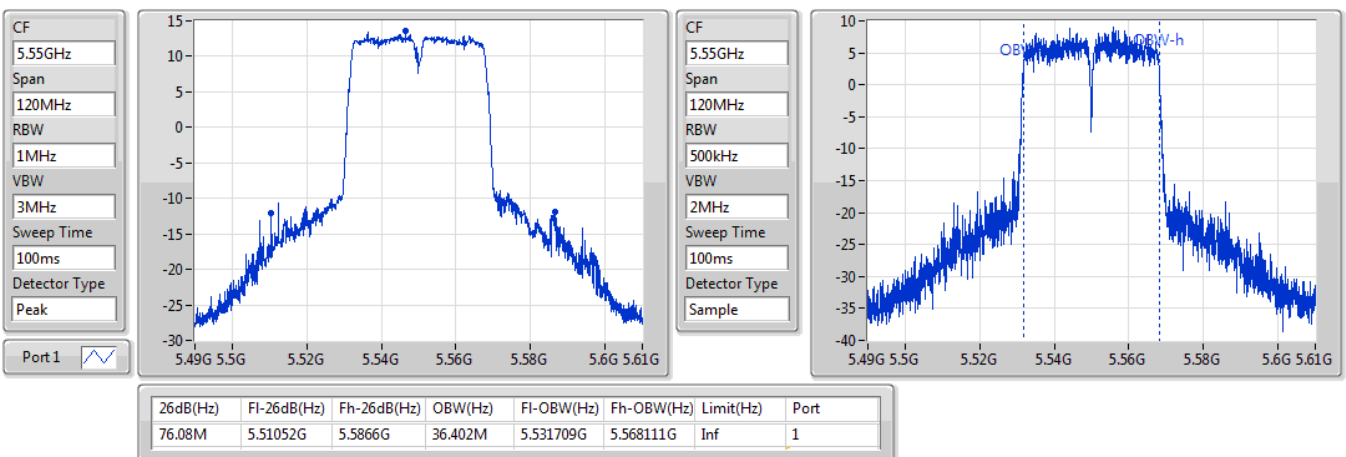


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5550MHz

06/11/2019

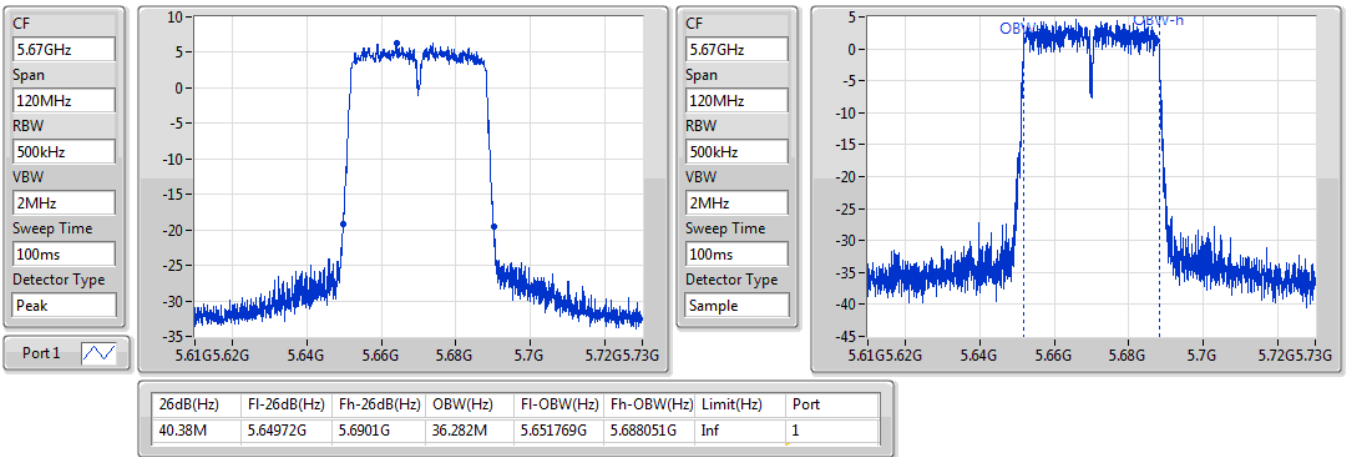


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5670MHz

06/11/2019

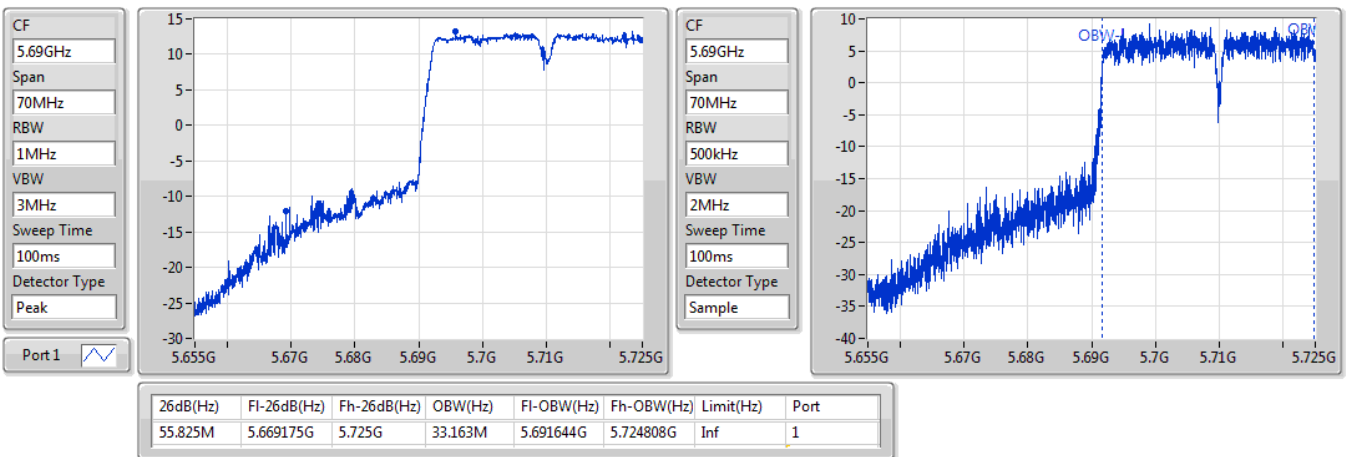


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

06/11/2019

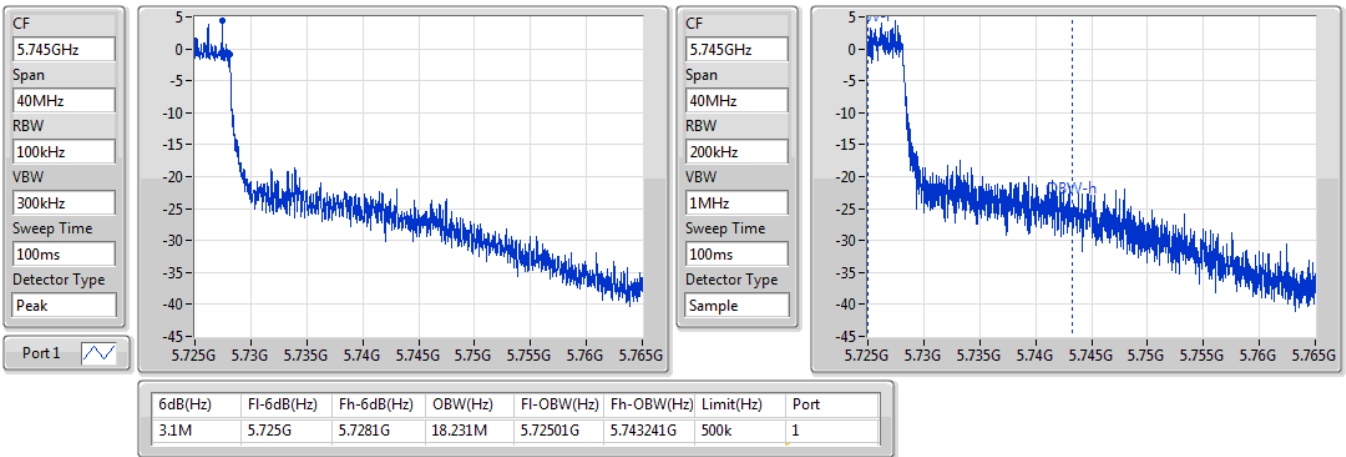


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

06/11/2019

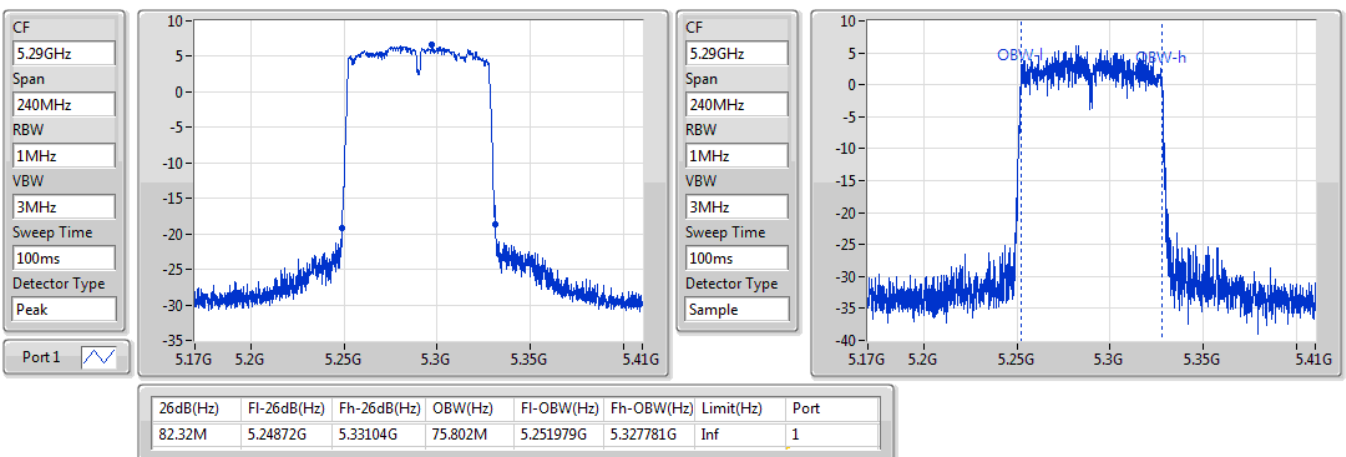


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

06/11/2019

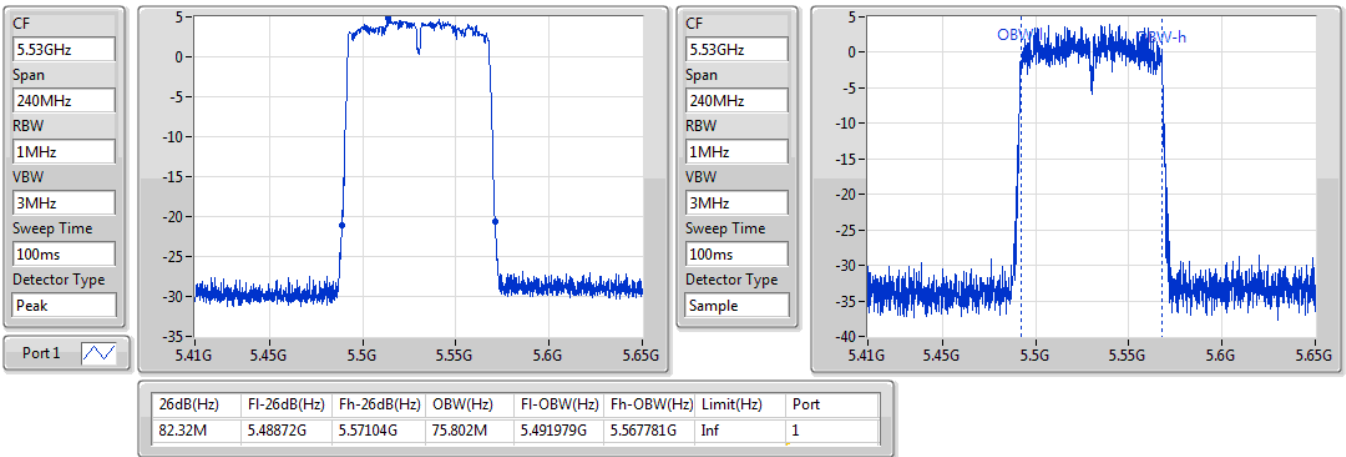


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

06/11/2019

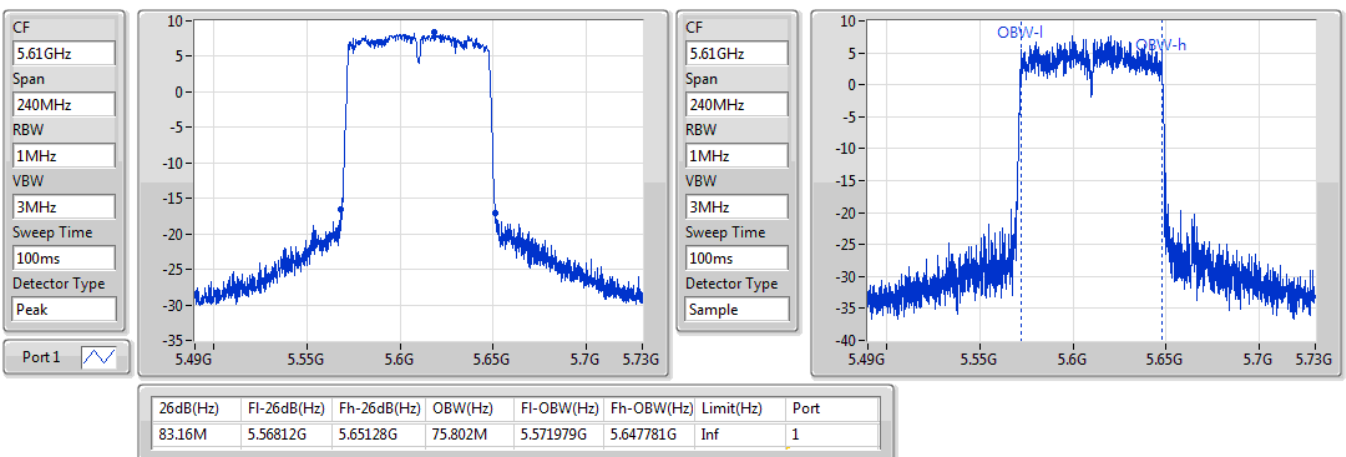


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5610MHz

06/11/2019

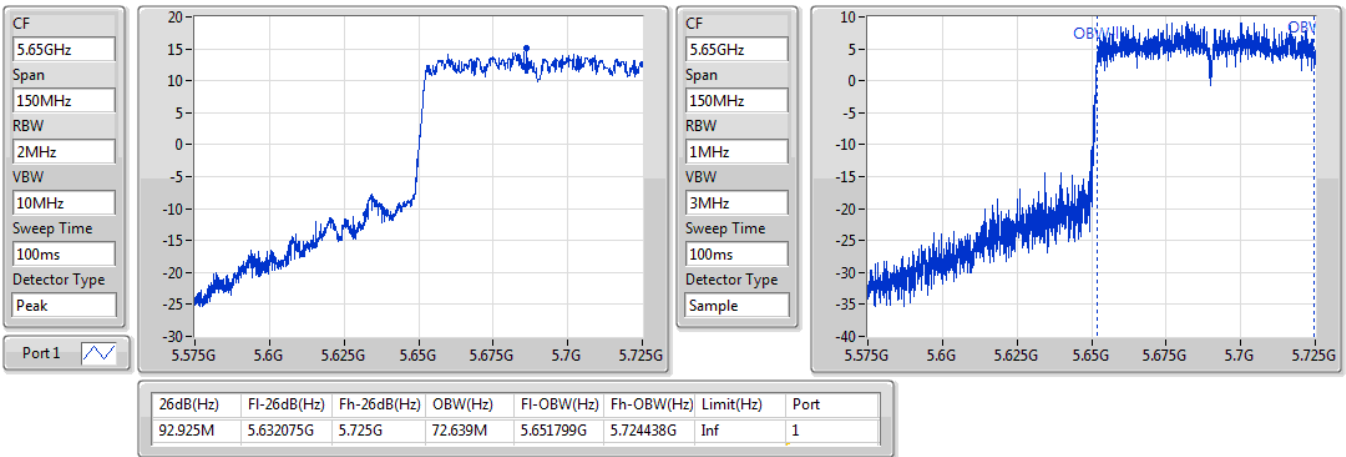


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

06/11/2019

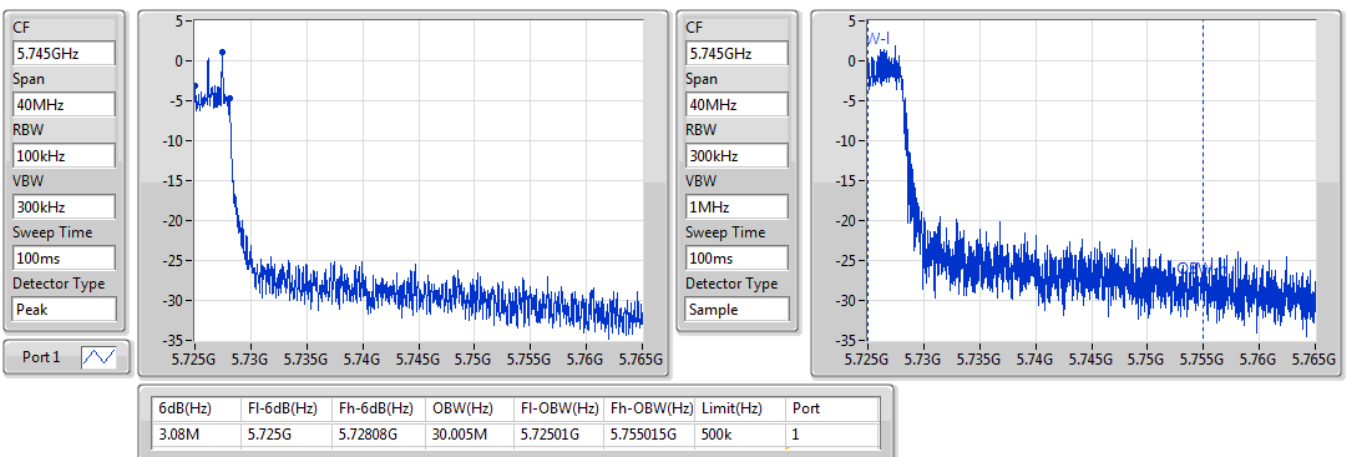


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

06/11/2019

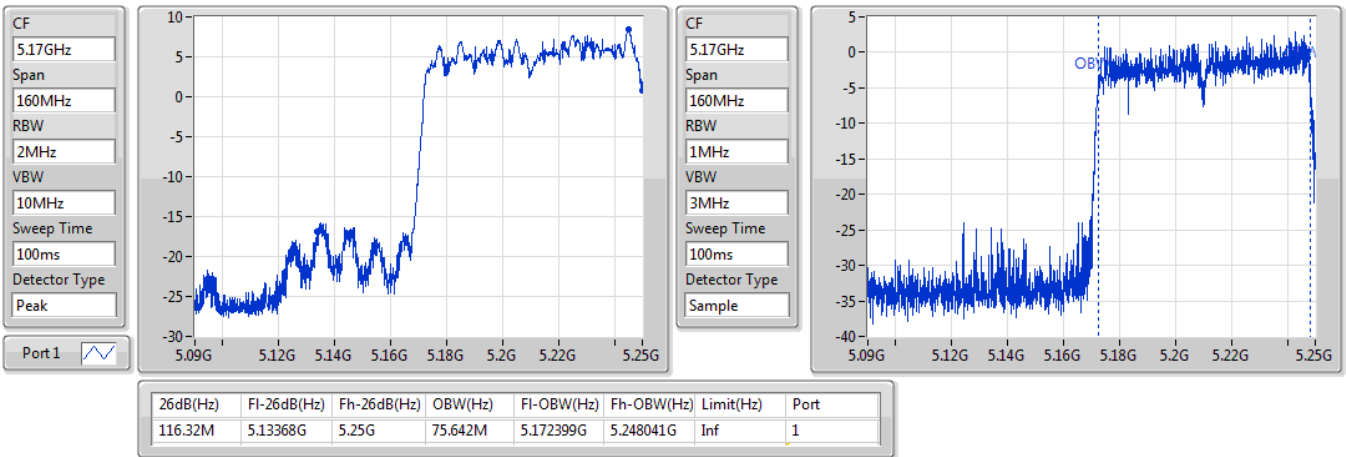


802.11ac VHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

06/11/2019

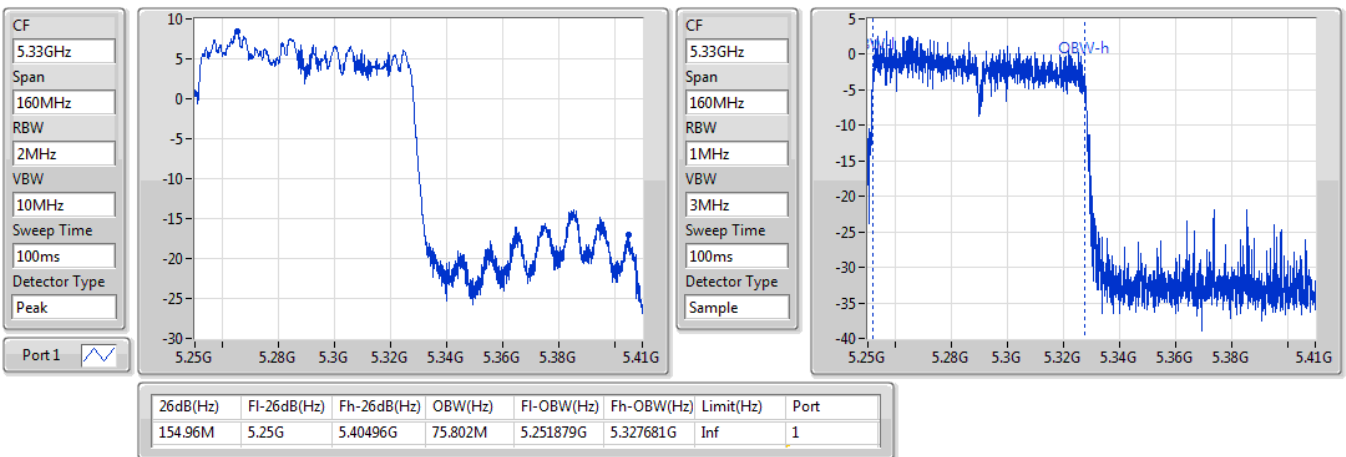


802.11ac VHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

06/11/2019

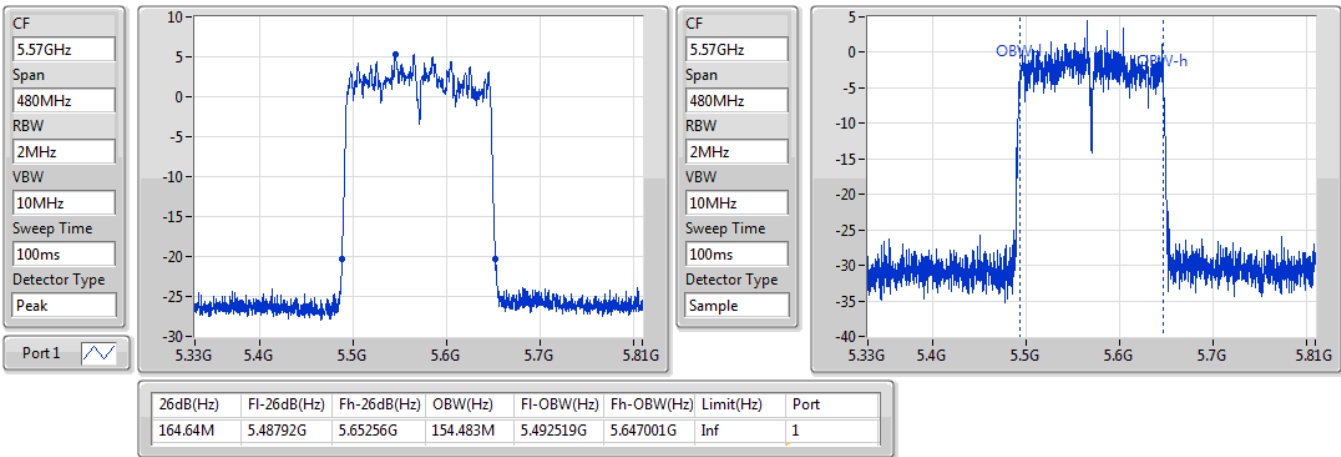


802.11ac VHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

07/11/2019

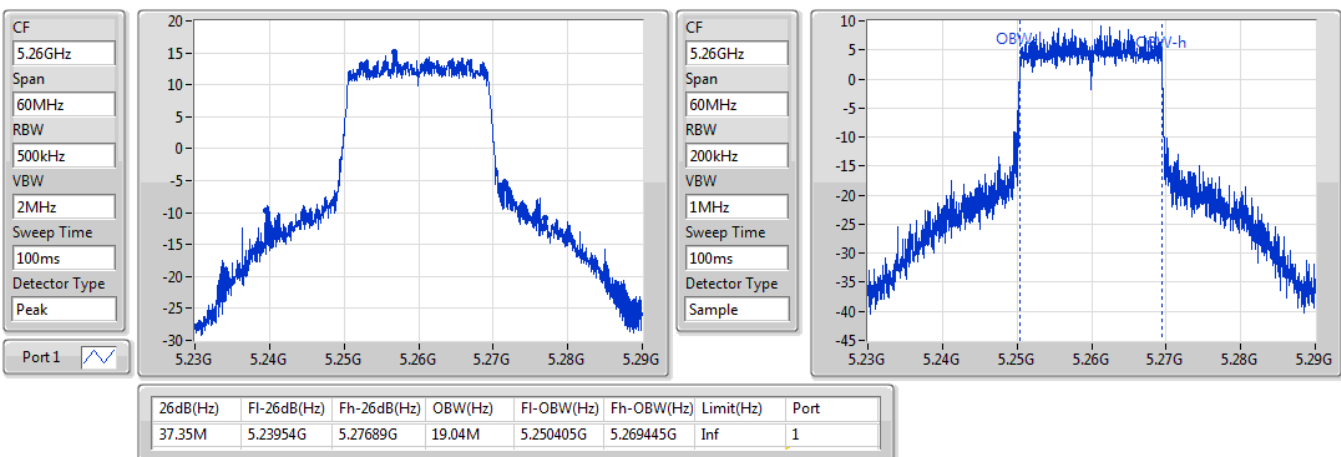


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

06/11/2019

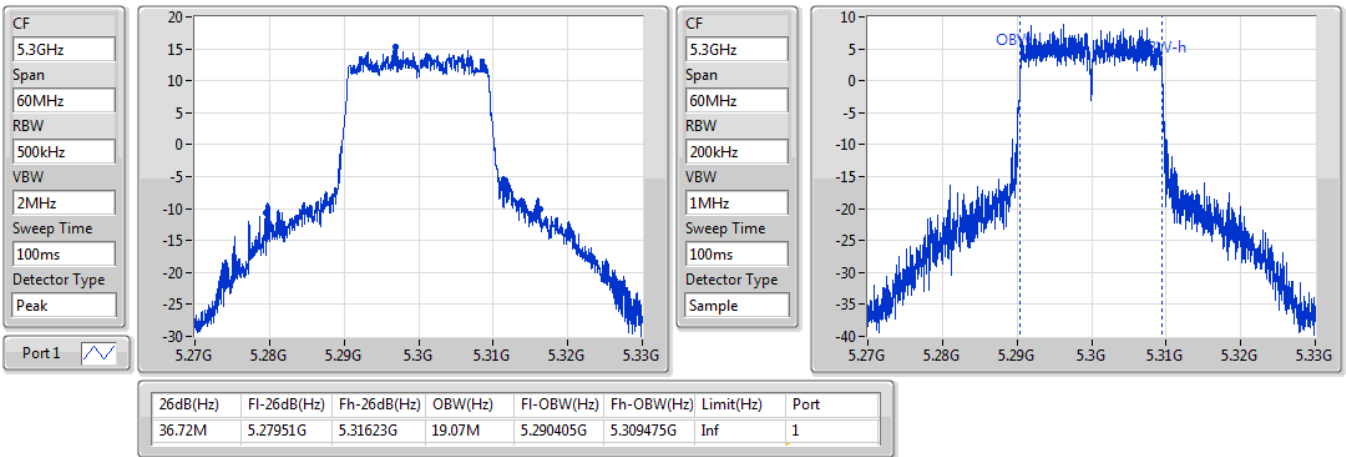


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

06/11/2019

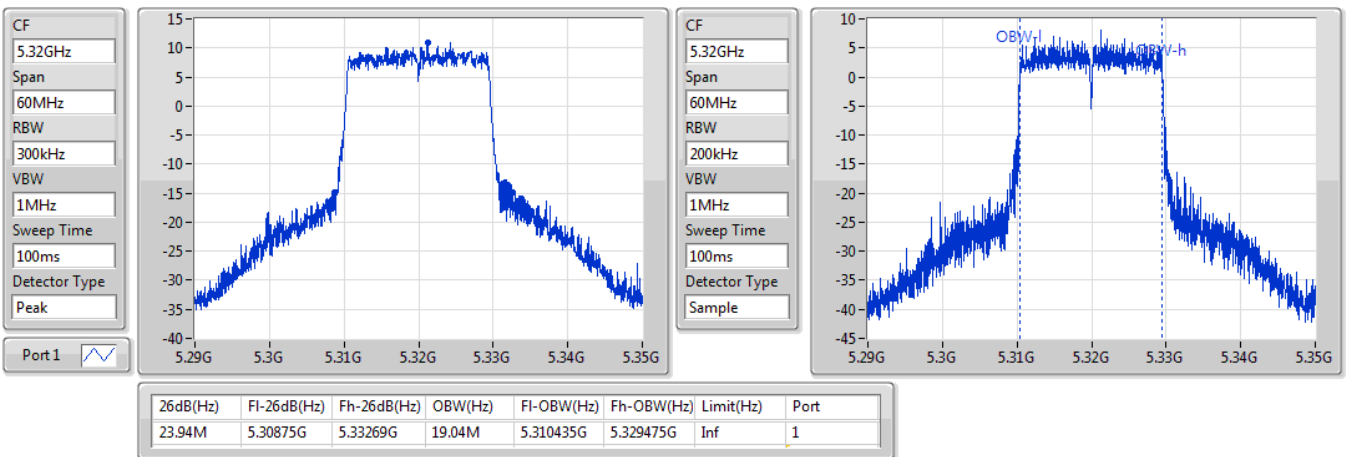


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

06/11/2019

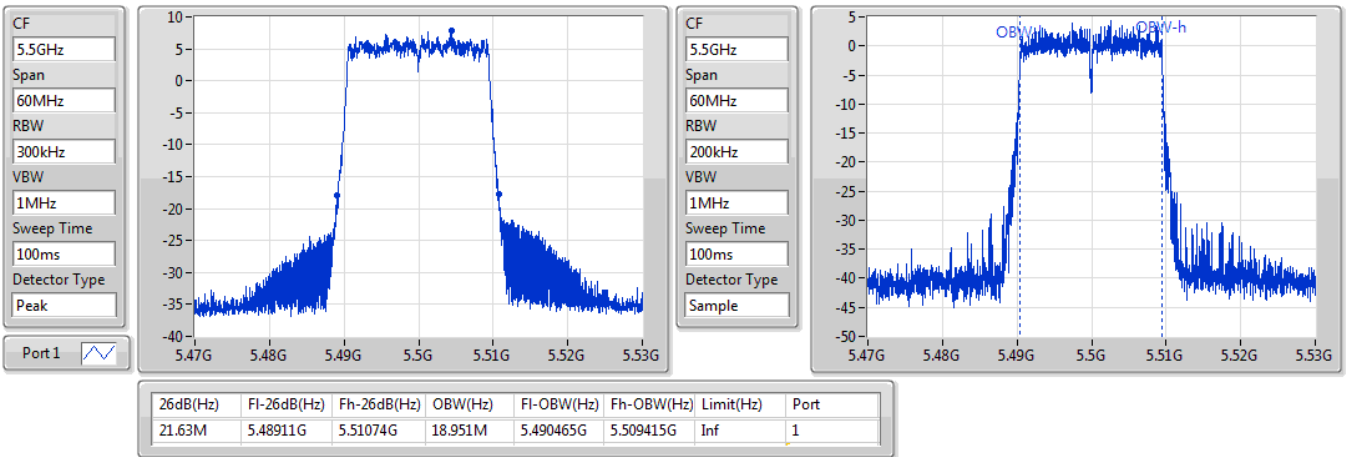


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

06/11/2019

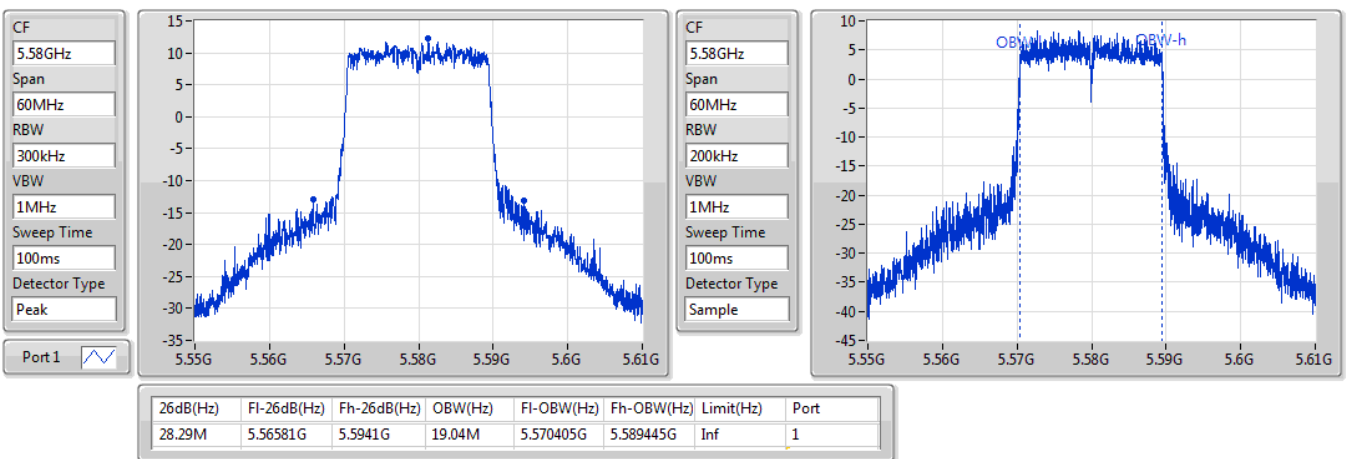


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

06/11/2019



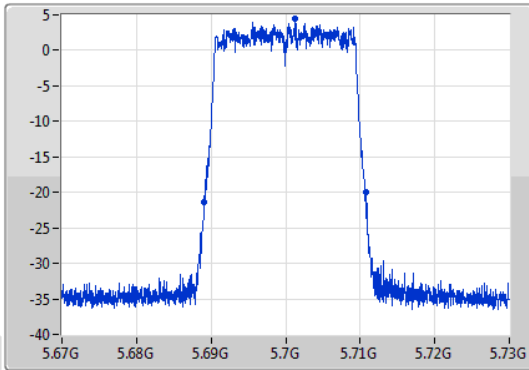
802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

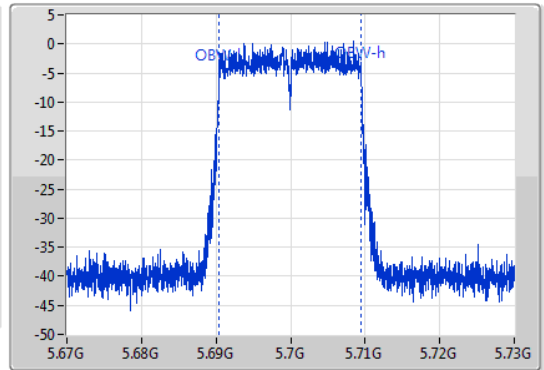
5700MHz

06/11/2019

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
21.72M	5.68905G	5.71077G	19.01M	5.690435G	5.709445G	Inf	1

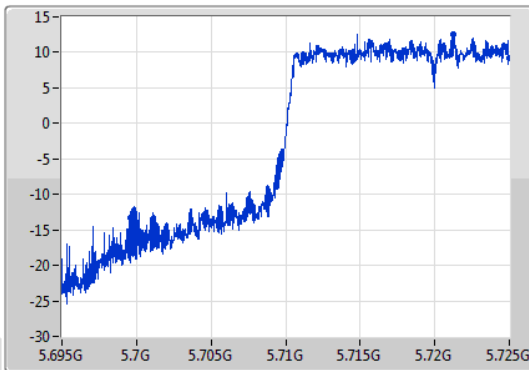
802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

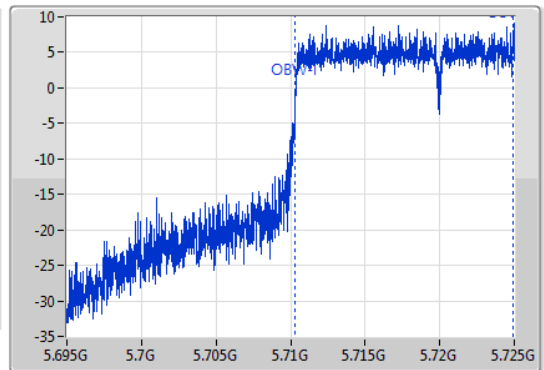
5720MHz Straddle 5.47-5.725GHz

06/11/2019

CF: 5.71GHz
 Span: 30MHz
 RBW: 300kHz
 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



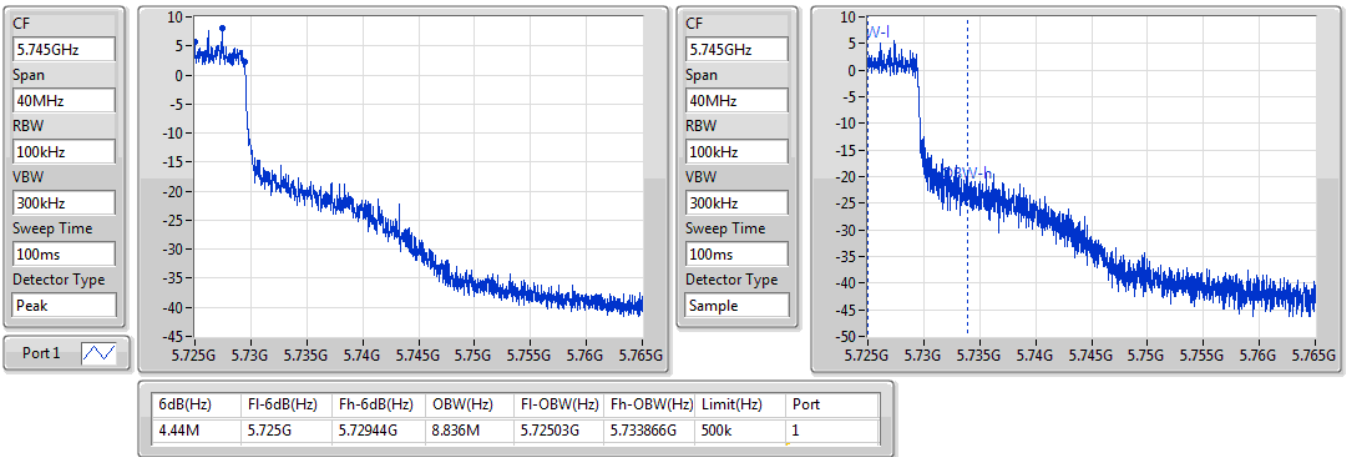
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.44M	5.69956G	5.725G	14.618M	5.71033G	5.724948G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

06/11/2019

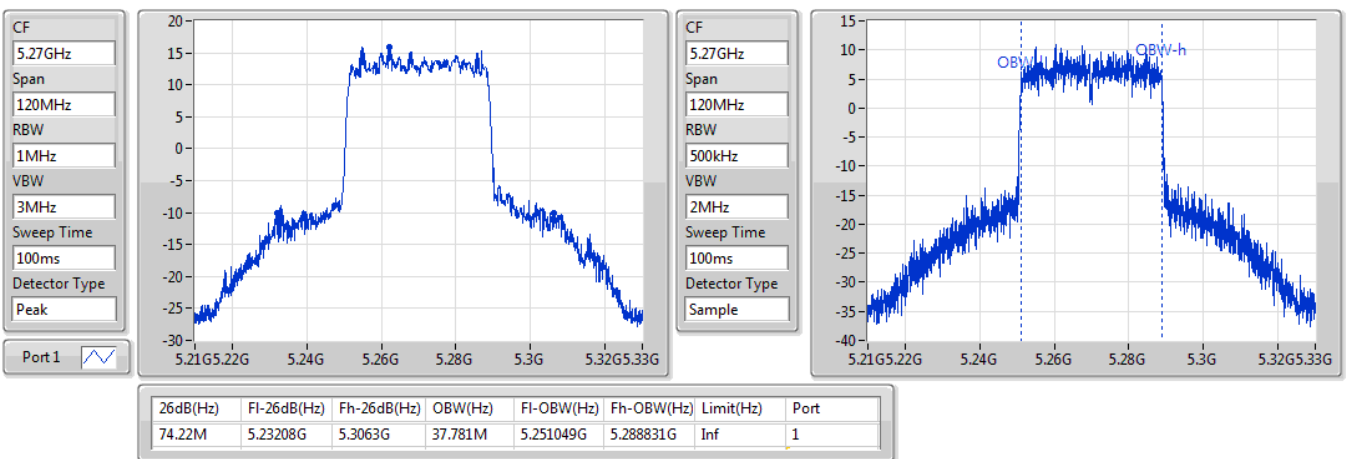


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

06/11/2019

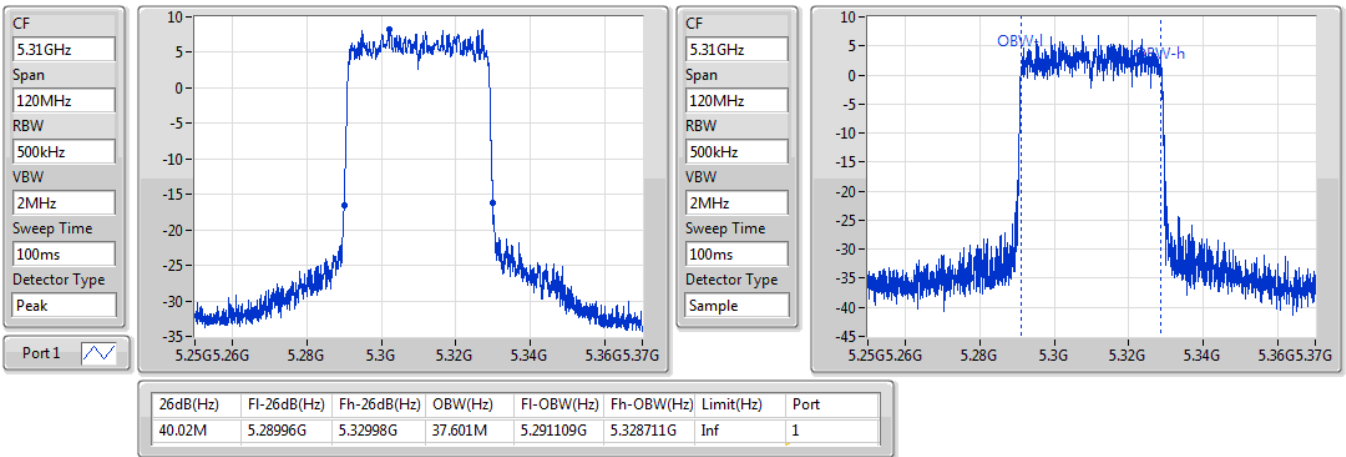


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

06/11/2019

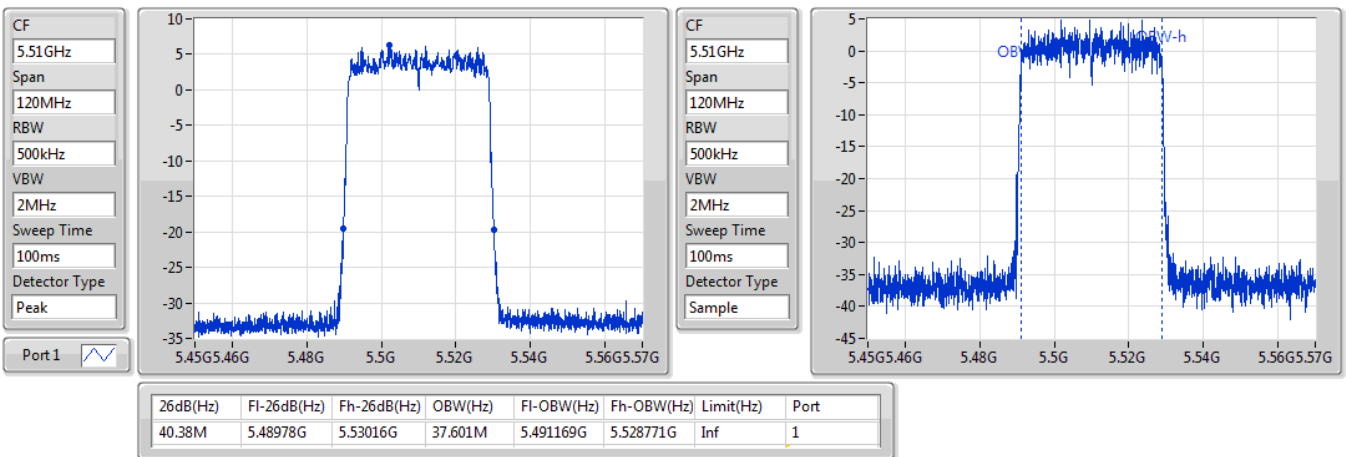


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

06/11/2019

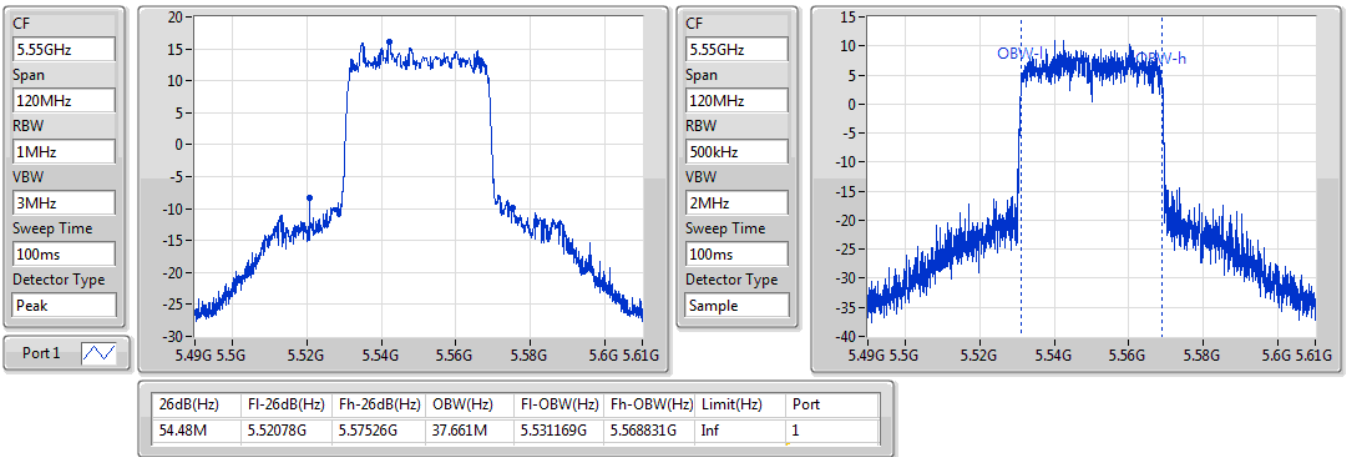


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

06/11/2019

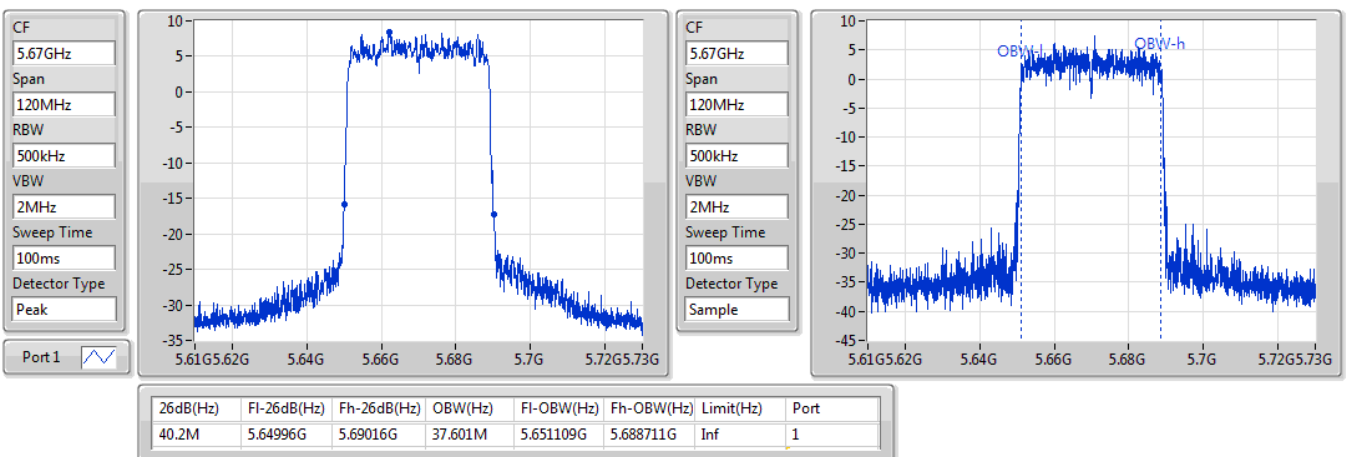


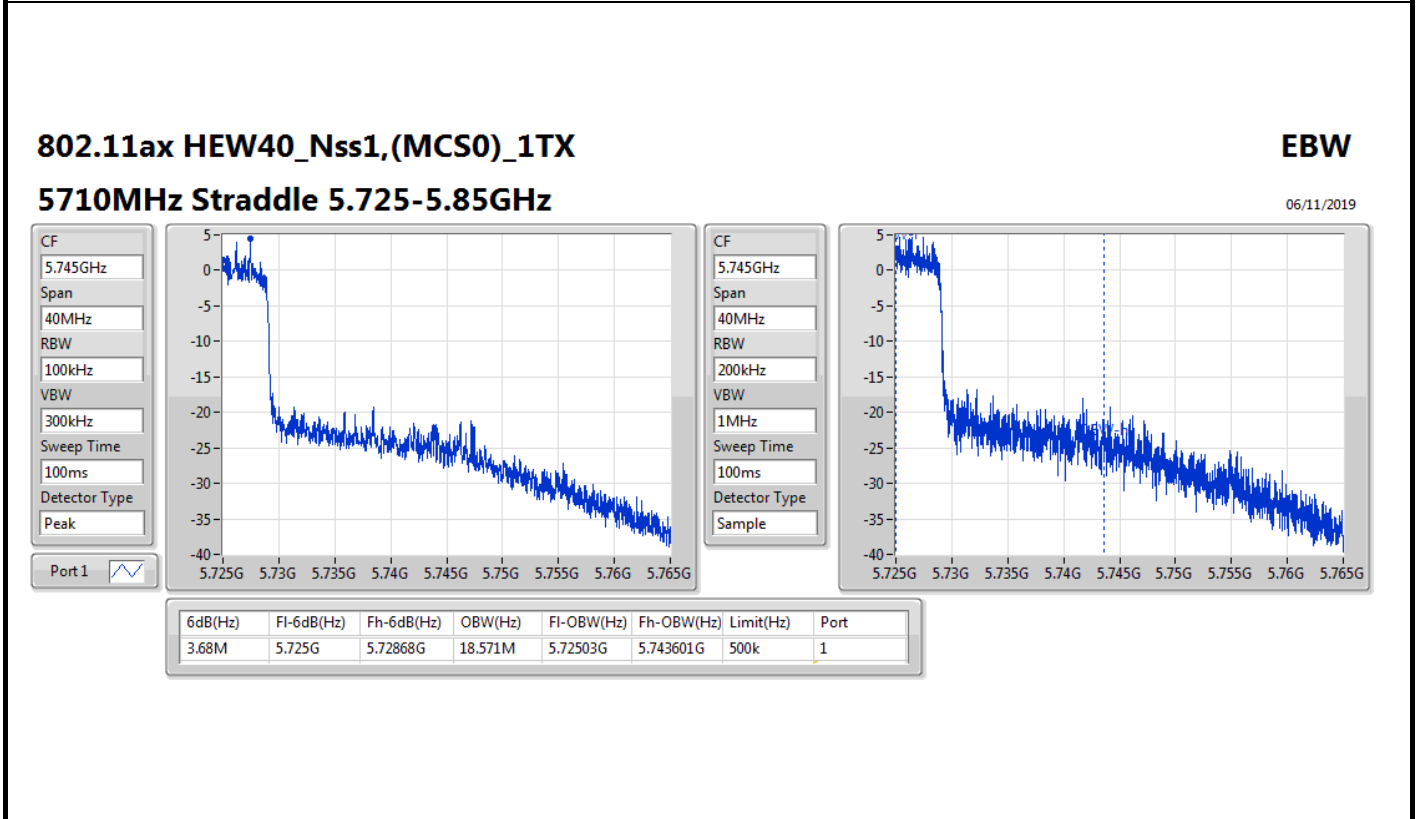
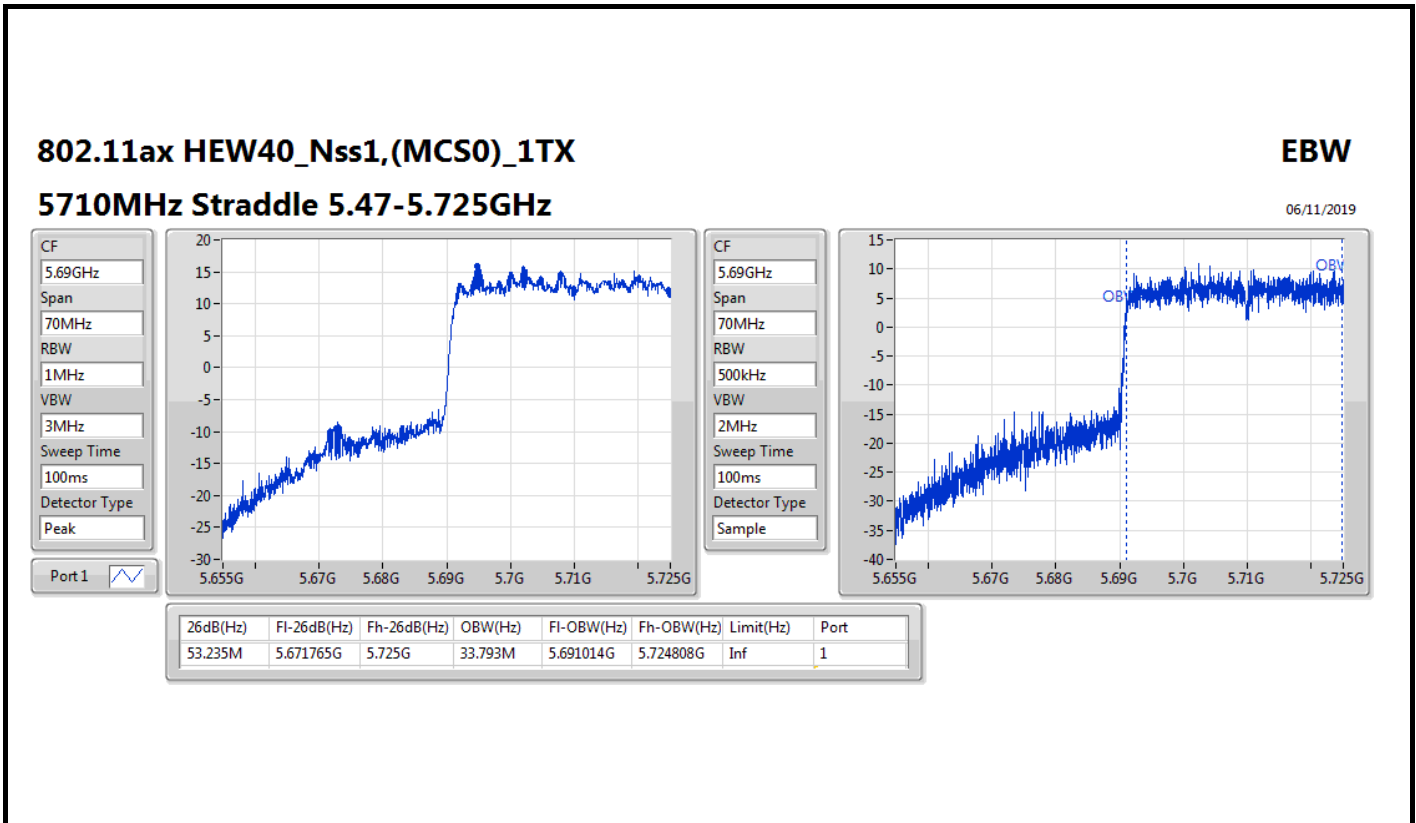
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

06/11/2019



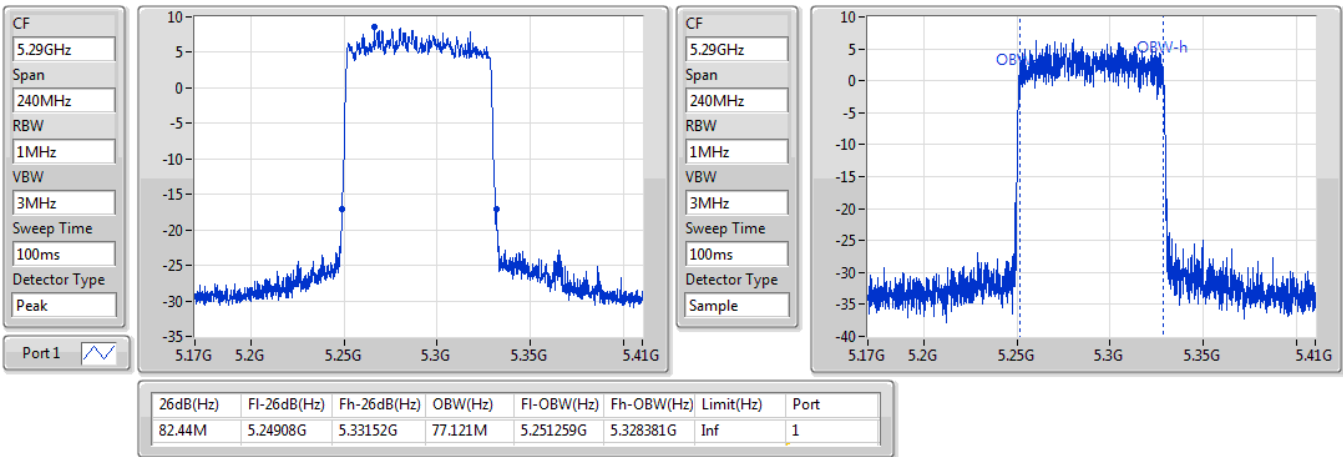


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

06/11/2019

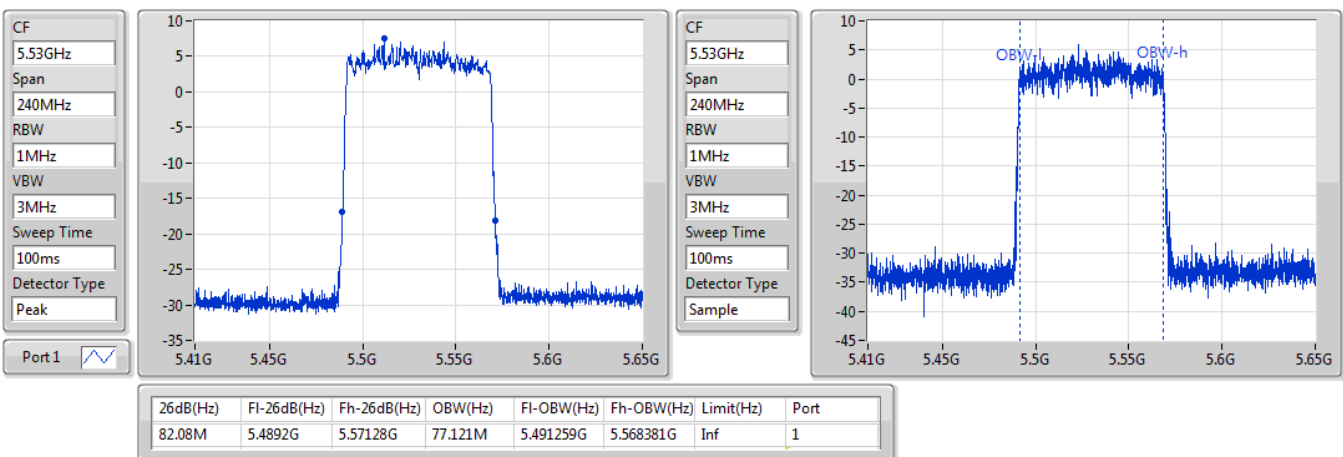


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5530MHz

06/11/2019

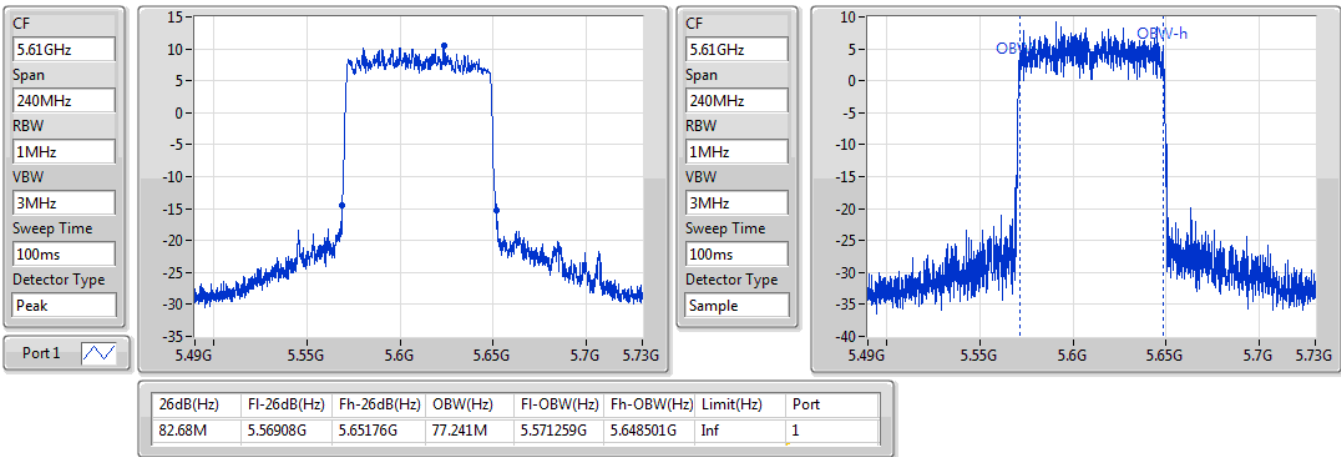


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

06/11/2019

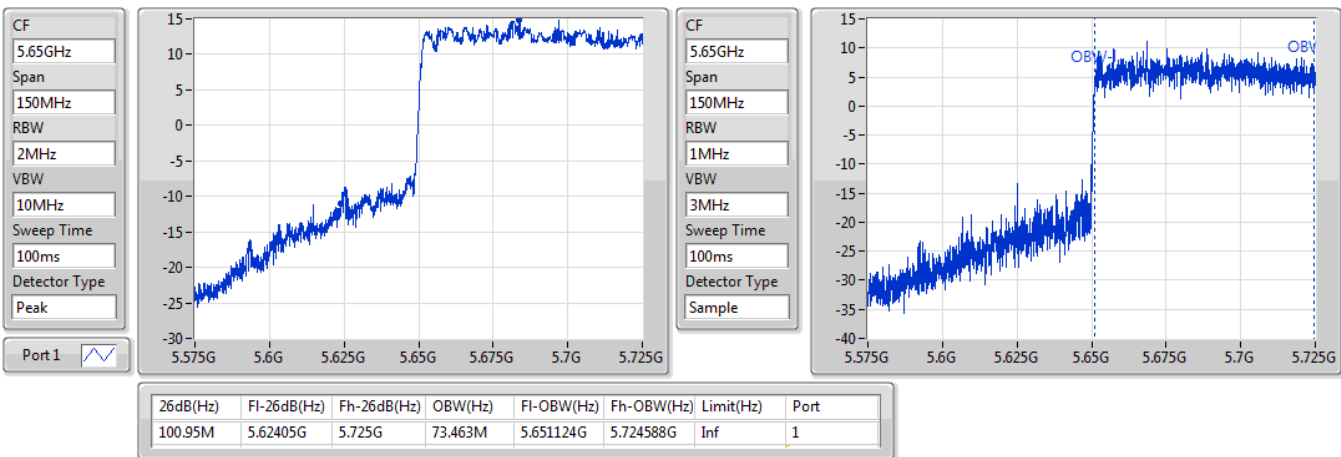


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

06/11/2019

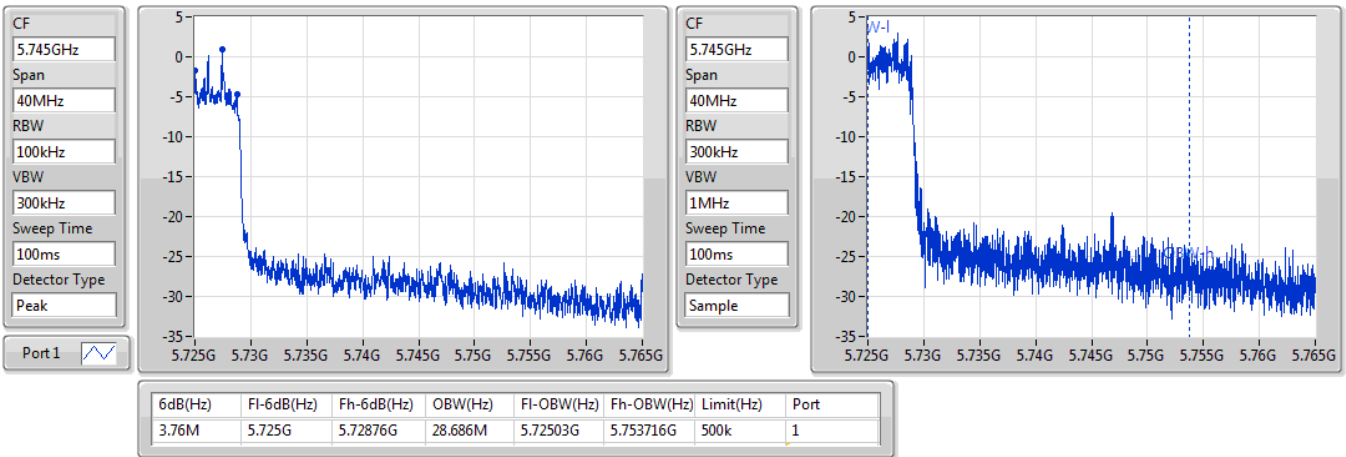


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

06/11/2019

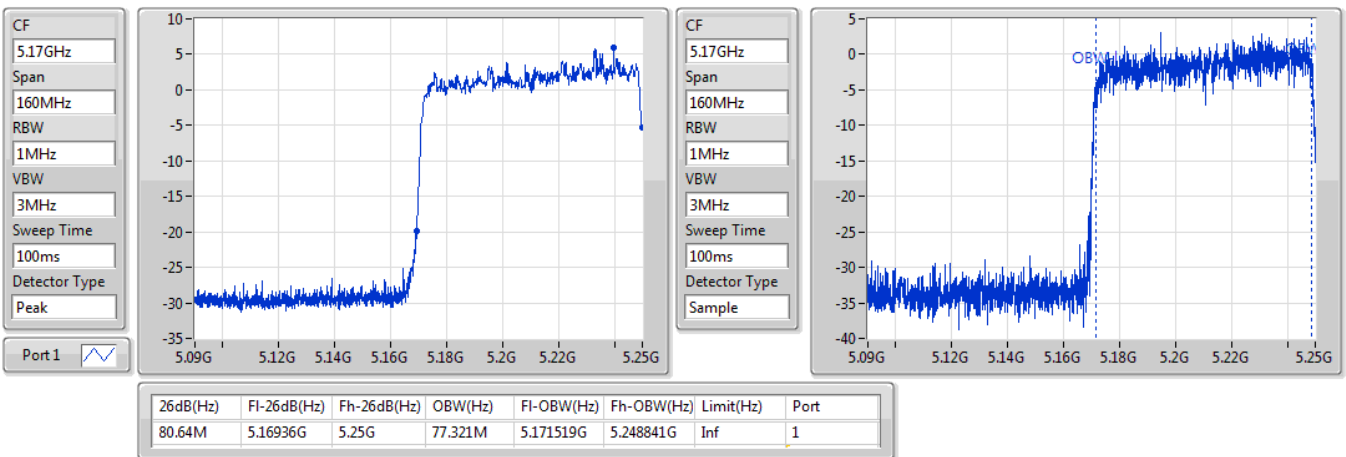


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

06/11/2019

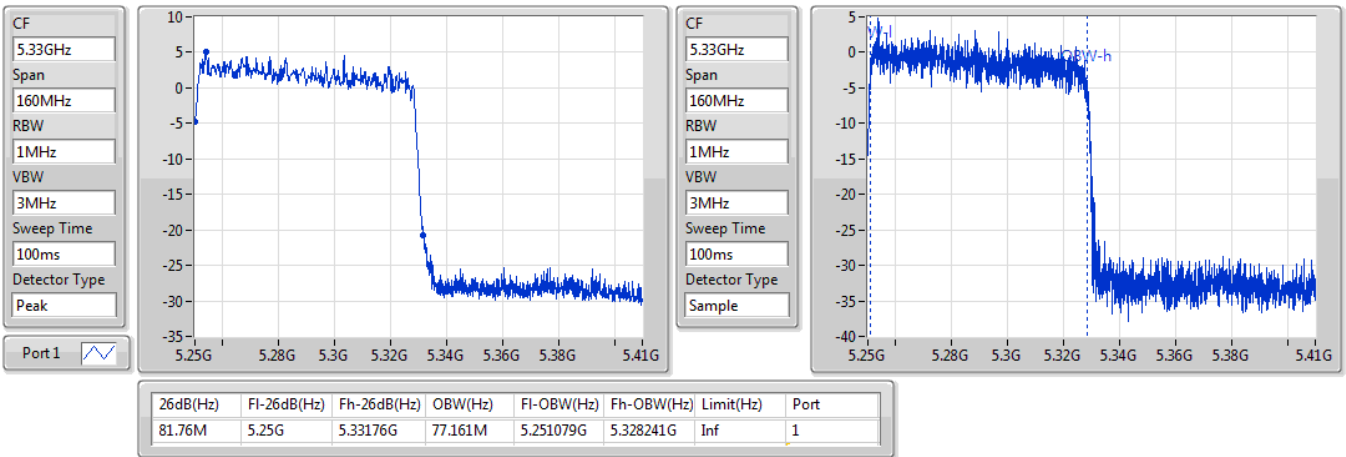


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

06/11/2019

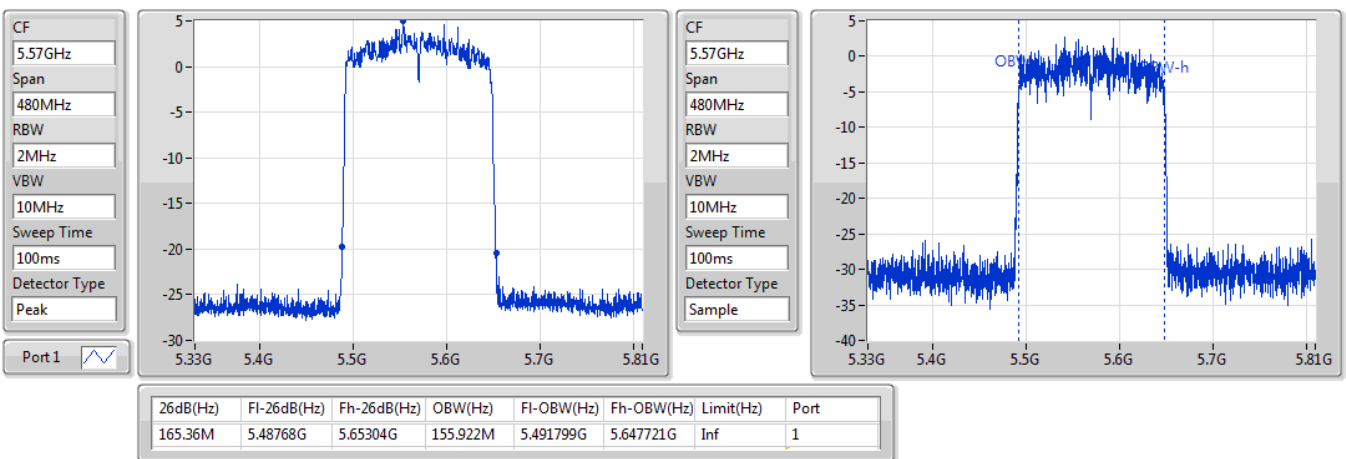


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5570MHz

06/11/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	83.12M	75.882M	75M9D1D	81.52M	75.882M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.68M	77.401M	77M4D1D	81.68M	77.401M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.69M	16.642M	16M6D1D	21.45M	16.552M
802.11ac VHT20_Nss2,(MCS0)_2TX	22.14M	17.811M	17M8D1D	21.78M	17.721M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.14M	36.342M	36M3D1D	39.9M	36.282M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.96M	75.922M	75M9D1D	81.84M	75.802M
802.11ac VHT160_Nss2,(MCS0)_2TX	82.72M	75.962M	76M0D1D	82.48M	75.882M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.84M	19.01M	19M0D1D	21.33M	18.951M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.08M	37.661M	37M7D1D	39.9M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.08M	77.121M	77M1D1D	81.36M	77.121M
802.11ax HEW160_Nss2,(MCS0)_2TX	83.12M	77.321M	77M3D1D	82.16M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.66M	16.642M	16M6D1D	15.615M	13.343M
802.11ac VHT20_Nss2,(MCS0)_2TX	23.04M	17.781M	17M8D1D	15.765M	13.958M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.2M	36.402M	36M4D1D	35.035M	33.093M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.96M	75.922M	75M9D1D	75.825M	72.639M
802.11ac VHT160_Nss2,(MCS0)_2TX	166.08M	155.202M	155MD1D	165.84M	154.963M
802.11ax HEW20_Nss2,(MCS0)_2TX	22.23M	19.01M	19M0D1D	15.6M	14.528M
802.11ax HEW40_Nss2,(MCS0)_2TX	53.7M	37.661M	37M7D1D	35.035M	33.688M
802.11ax HEW80_Nss2,(MCS0)_2TX	83.64M	77.241M	77M2D1D	75.375M	73.163M
802.11ax HEW160_Nss2,(MCS0)_2TX	167.28M	156.642M	157MD1D	166.8M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	4.138M	4M14D1D	3.1M	4.138M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.72M	4.298M	4M30D1D	3.72M	4.298M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.12M	3.698M	3M70D1D	3.1M	3.658M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.1M	8.236M	8M24D1D	3.1M	4.738M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.42M	4.518M	4M52D1D	4.4M	4.518M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.68M	4.078M	4M08D1D	3.64M	4.018M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.74M	8.576M	8M58D1D	3.7M	4.498M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	16.552M	21.54M	16.642M
5300MHz	Pass	Inf	21.45M	16.642M	21.57M	16.642M
5320MHz	Pass	Inf	21.48M	16.582M	21.69M	16.582M
5500MHz	Pass	Inf	21.39M	16.582M	21.66M	16.612M
5580MHz	Pass	Inf	21.57M	16.582M	21.57M	16.612M
5700MHz	Pass	Inf	21.42M	16.582M	21.6M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.615M	13.343M	15.765M	13.343M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.138M	3.1M	4.138M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.11M	17.811M	21.78M	17.751M
5300MHz	Pass	Inf	22.14M	17.721M	21.96M	17.751M
5320MHz	Pass	Inf	21.96M	17.751M	21.9M	17.781M
5500MHz	Pass	Inf	21.99M	17.781M	21.72M	17.781M
5580MHz	Pass	Inf	22.02M	17.781M	23.04M	17.781M
5700MHz	Pass	Inf	22.05M	17.781M	21.51M	17.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.81M	13.973M	15.765M	13.958M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.298M	3.72M	4.298M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.14M	36.282M	39.9M	36.342M
5310MHz	Pass	Inf	40.02M	36.282M	39.96M	36.342M
5510MHz	Pass	Inf	40.02M	36.282M	40.2M	36.342M
5550MHz	Pass	Inf	39.9M	36.162M	40.14M	36.402M
5670MHz	Pass	Inf	39.9M	36.222M	40.2M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.093M	35.175M	33.093M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.698M	3.12M	3.658M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	75.922M	81.96M	75.802M
5530MHz	Pass	Inf	81.84M	75.802M	81.96M	75.802M
5610MHz	Pass	Inf	81.96M	75.922M	81.84M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.825M	72.639M	76.125M	72.714M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	8.236M	3.1M	4.738M
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.12M	75.882M	81.52M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.72M	75.962M	82.48M	75.882M
5570MHz	Pass	Inf	166.08M	155.202M	165.84M	154.963M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	19.01M	21.33M	18.981M
5300MHz	Pass	Inf	21.75M	18.951M	21.57M	18.951M
5320MHz	Pass	Inf	21.84M	18.951M	21.48M	18.951M
5500MHz	Pass	Inf	21.87M	18.951M	21.09M	18.951M
5580MHz	Pass	Inf	21.72M	19.01M	22.23M	18.981M
5700MHz	Pass	Inf	21.9M	18.981M	21.57M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	14.543M	15.6M	14.528M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	4.518M	4.42M	4.518M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.661M	39.9M	37.541M
5310MHz	Pass	Inf	39.96M	37.601M	40.02M	37.541M
5510MHz	Pass	Inf	40.08M	37.601M	39.9M	37.541M
5550MHz	Pass	Inf	40.08M	37.541M	53.7M	37.661M
5670MHz	Pass	Inf	40.08M	37.661M	39.96M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.105M	33.688M	35.035M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.68M	4.078M	3.64M	4.018M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.36M	77.121M	82.08M	77.121M
5530MHz	Pass	Inf	81.12M	77.121M	81.48M	77.241M
5610MHz	Pass	Inf	81.48M	77.241M	83.64M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.375M	73.163M	75.75M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	8.576M	3.7M	4.498M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.68M	77.401M	81.68M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.12M	77.161M	82.16M	77.321M
5570MHz	Pass	Inf	167.28M	156.642M	166.8M	156.162M

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;

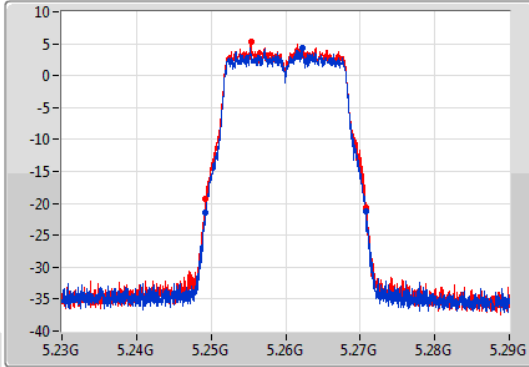
802.11a_Nss1,(6Mbps)_2TX

EBW

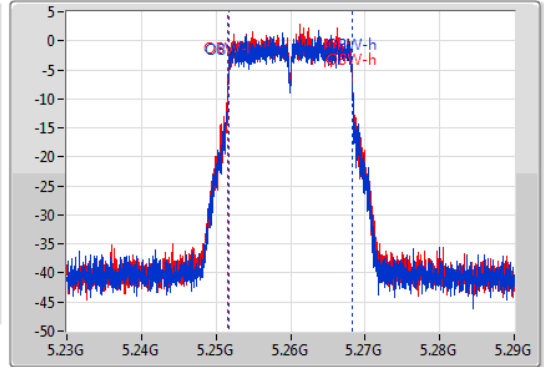
5260MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.24926G	5.27071G	16.552M	5.251664G	5.268216G	Inf	1
21.54M	5.24926G	5.2708G	16.642M	5.251604G	5.268246G	Inf	2

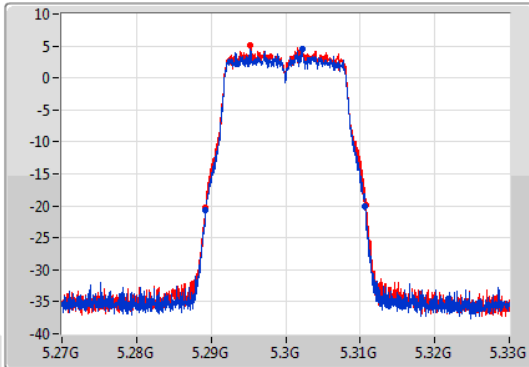
802.11a_Nss1,(6Mbps)_2TX

EBW

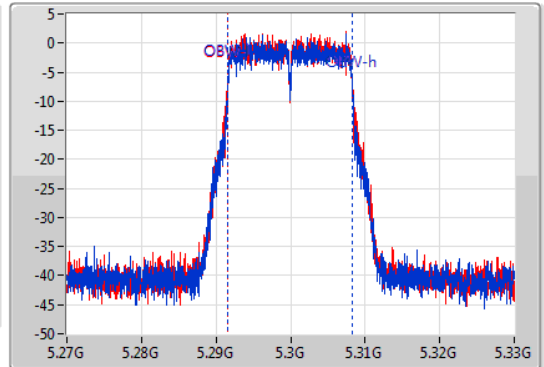
5300MHz

07/11/2019

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



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



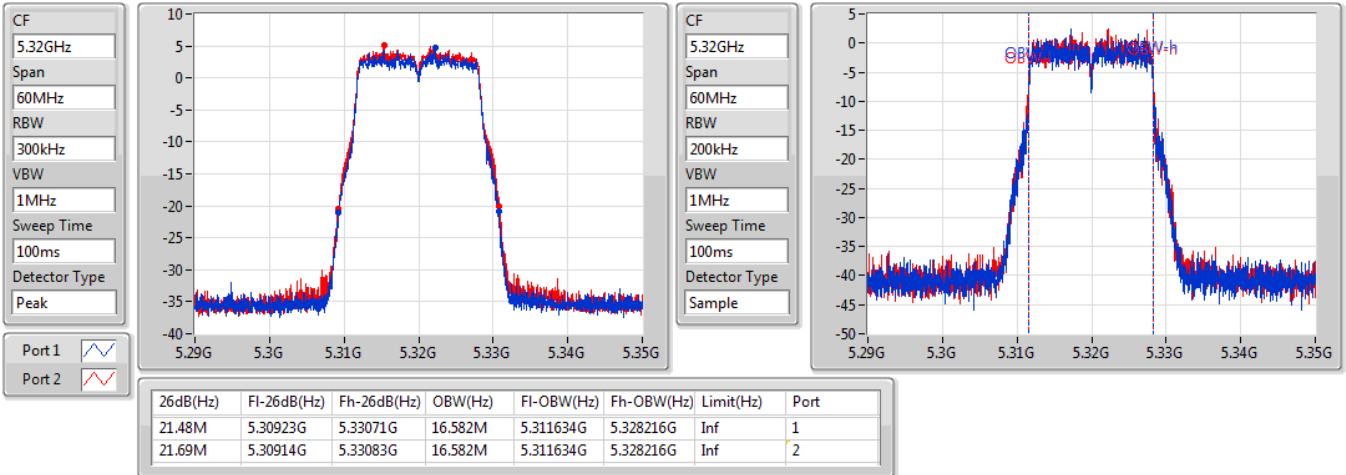
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.28923G	5.31068G	16.642M	5.291604G	5.308246G	Inf	1
21.57M	5.28926G	5.31083G	16.642M	5.291604G	5.308246G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

07/11/2019

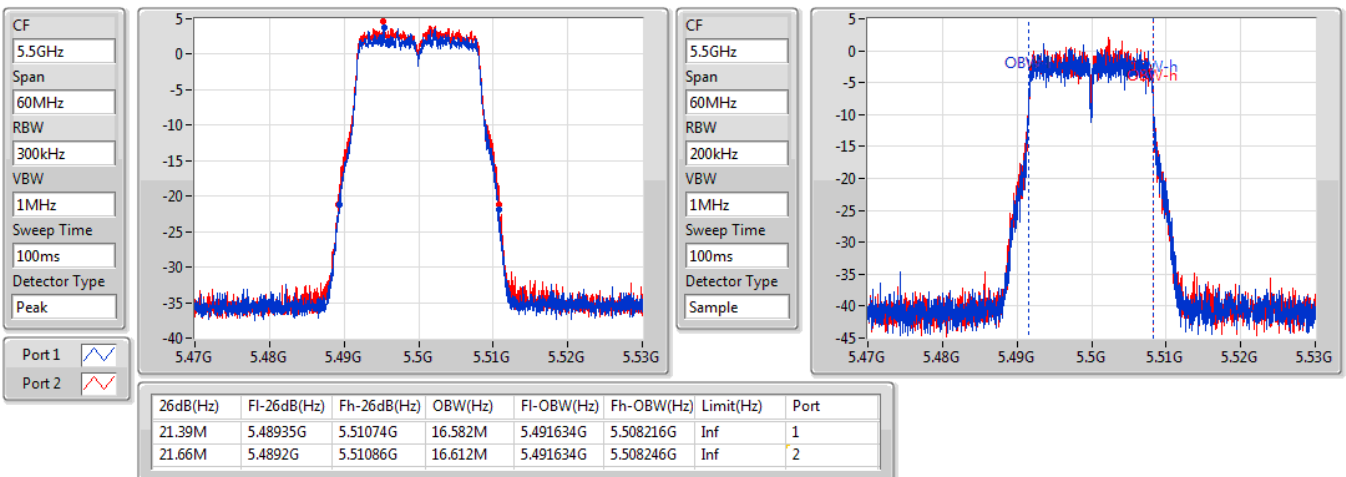


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

07/11/2019



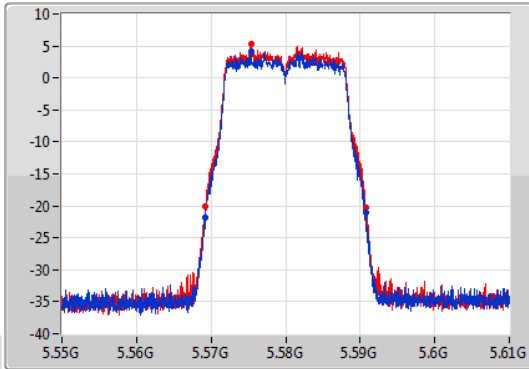
802.11a_Nss1,(6Mbps)_2TX

EBW

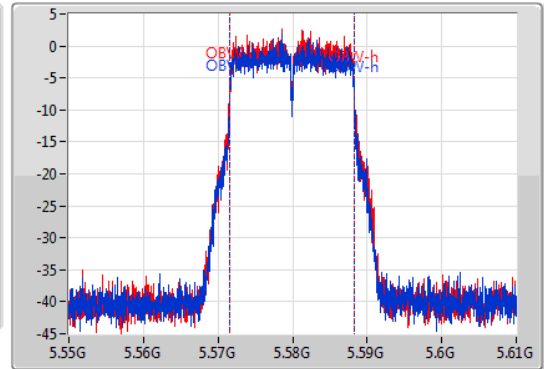
5580MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.5692G	5.59077G	16.582M	5.571634G	5.588216G	Inf	1
21.57M	5.56926G	5.59083G	16.612M	5.571604G	5.588216G	Inf	2

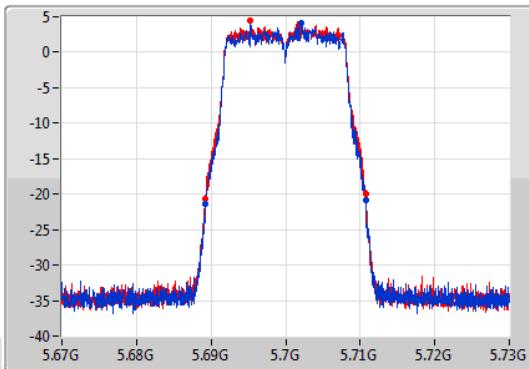
802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

07/11/2019

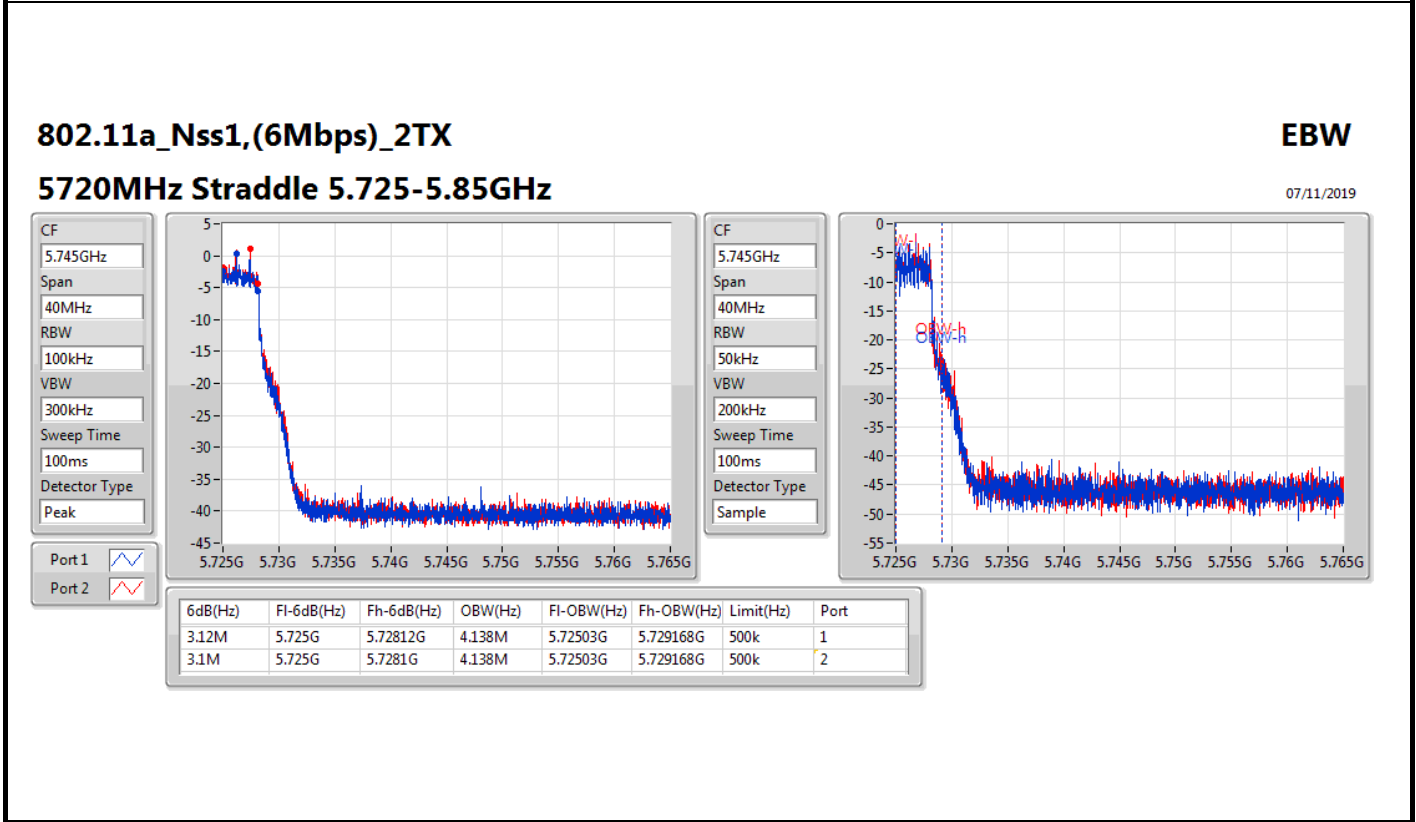
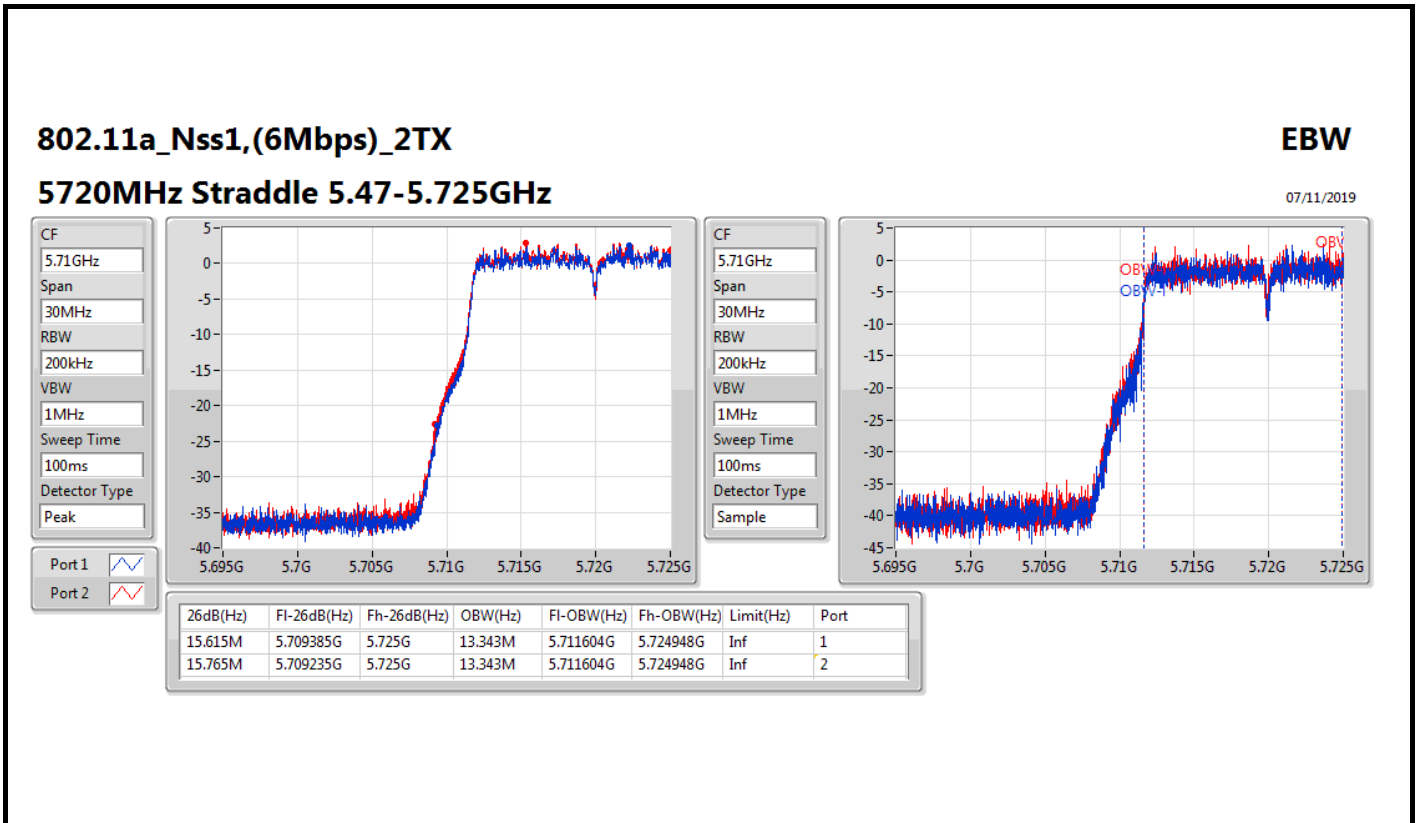
CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.68929G	5.71071G	16.582M	5.691634G	5.708216G	Inf	1
21.6M	5.68917G	5.71077G	16.642M	5.691634G	5.708276G	Inf	2

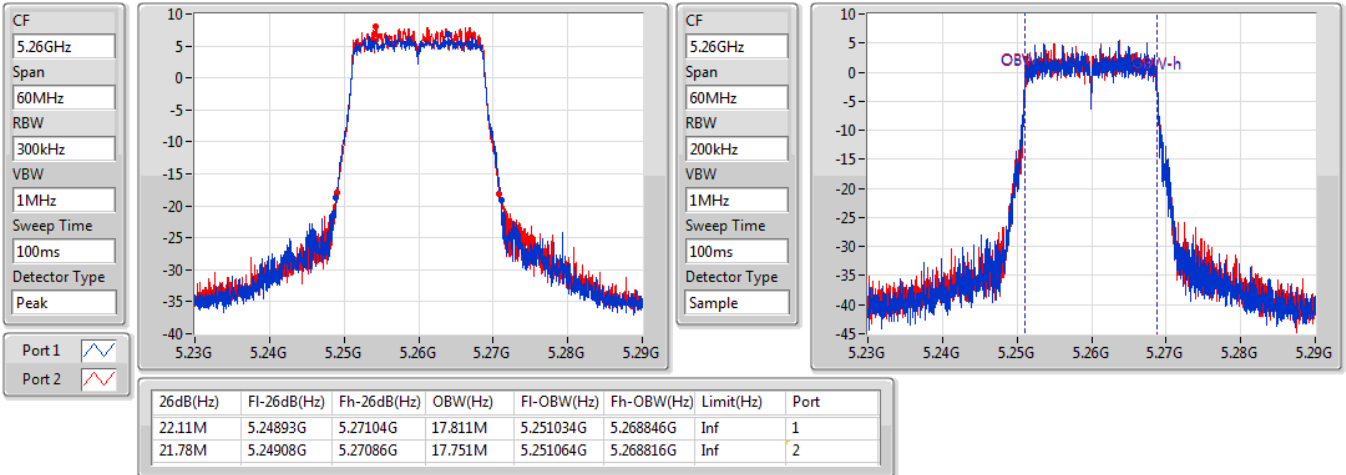


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

07/11/2019

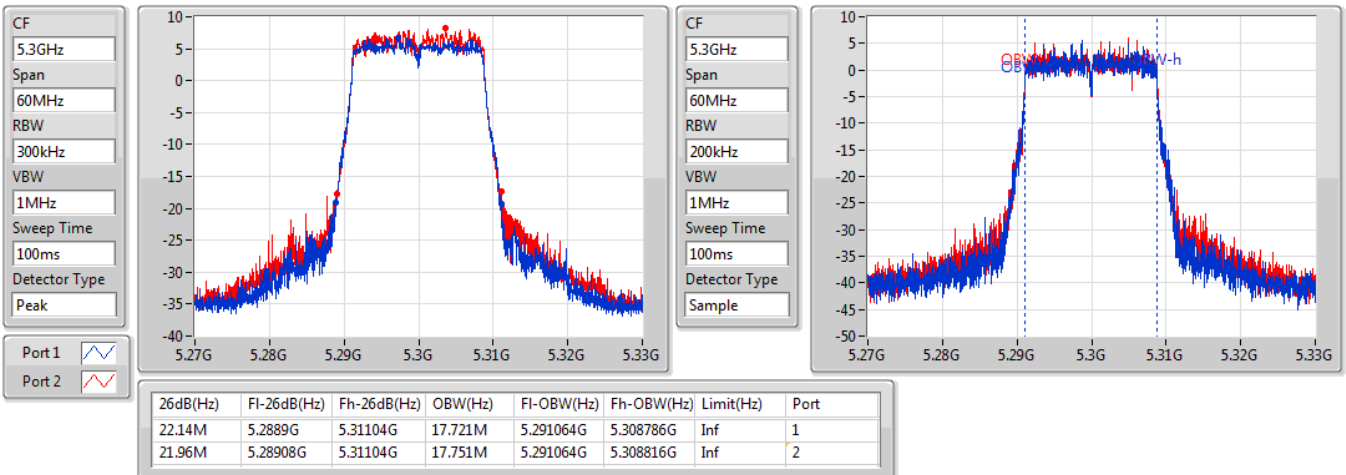


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

07/11/2019



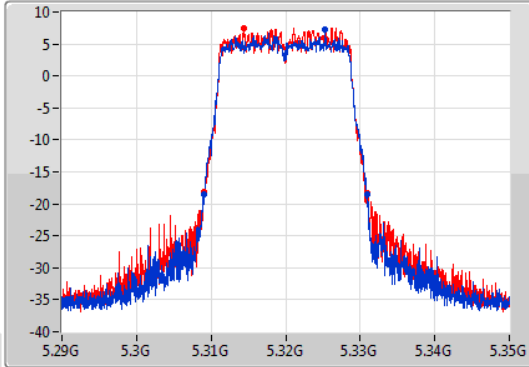
802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

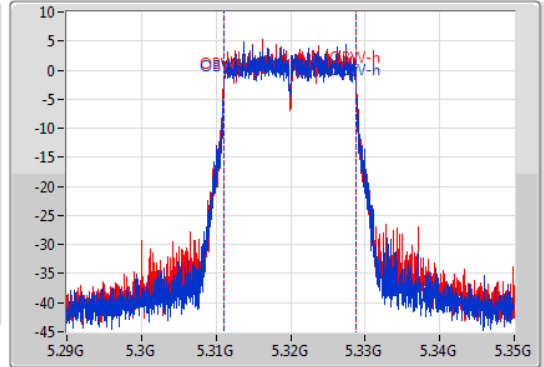
5320MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.30899G	5.33095G	17.751M	5.311064G	5.328816G	Inf	1
21.9M	5.30908G	5.33098G	17.781M	5.311034G	5.328816G	Inf	2

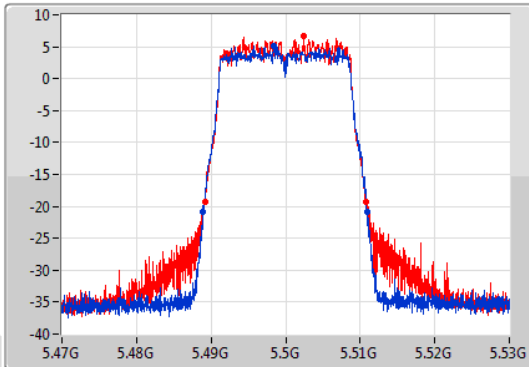
802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

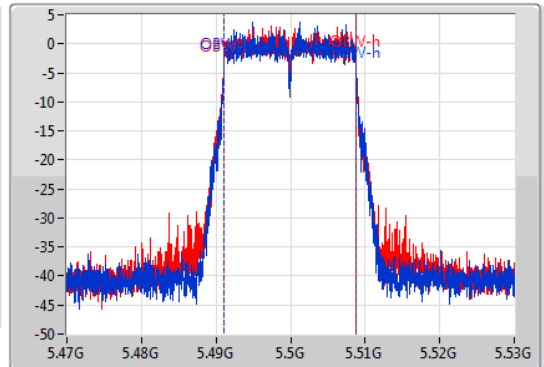
5500MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.99M	5.48893G	5.51092G	17.781M	5.491034G	5.508816G	Inf	1
21.72M	5.48914G	5.51086G	17.781M	5.491034G	5.508816G	Inf	2

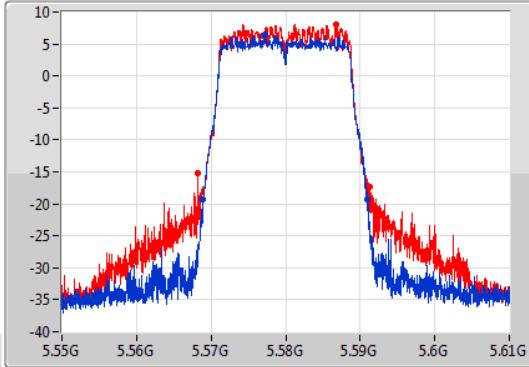
802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

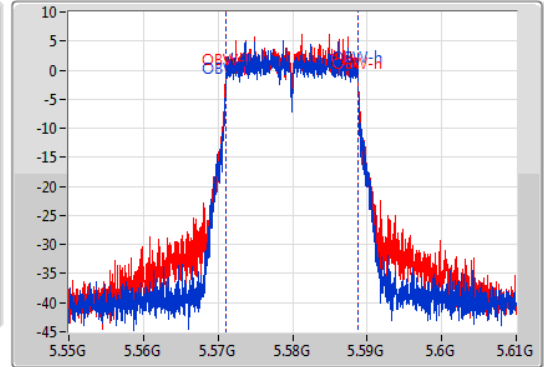
5580MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.56896G	5.59098G	17.781M	5.571034G	5.588816G	Inf	1
23.04M	5.56821G	5.59125G	17.781M	5.571034G	5.588816G	Inf	2

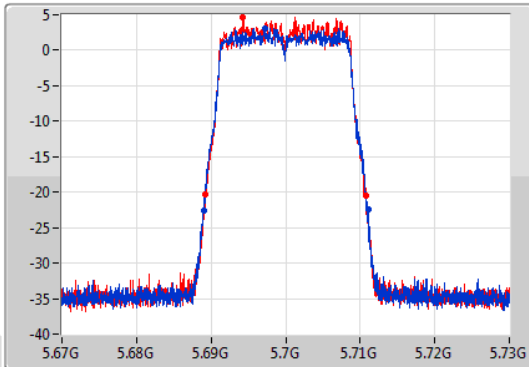
802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

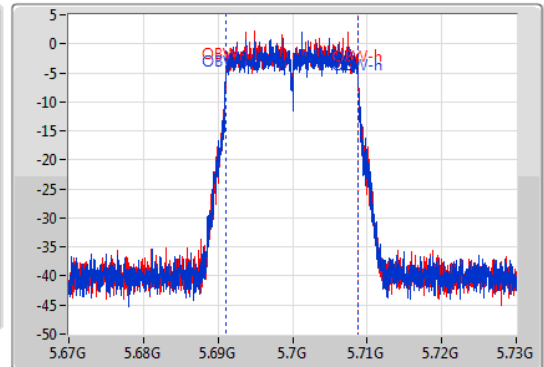
5700MHz

07/11/2019

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



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



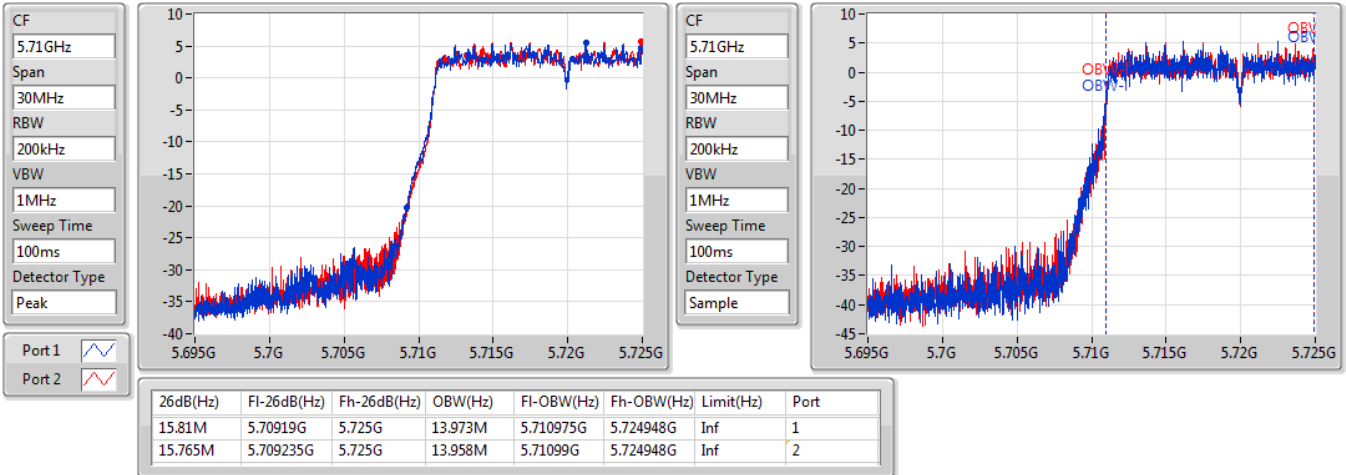
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.68899G	5.71104G	17.781M	5.691034G	5.708816G	Inf	1
21.51M	5.68926G	5.71077G	17.751M	5.691064G	5.708816G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/11/2019

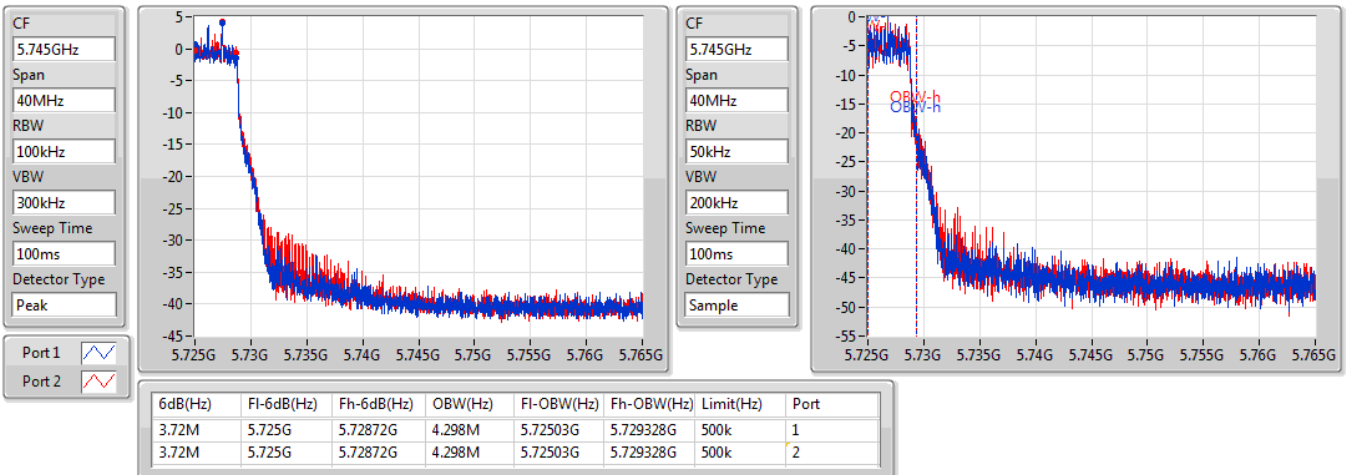


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/11/2019

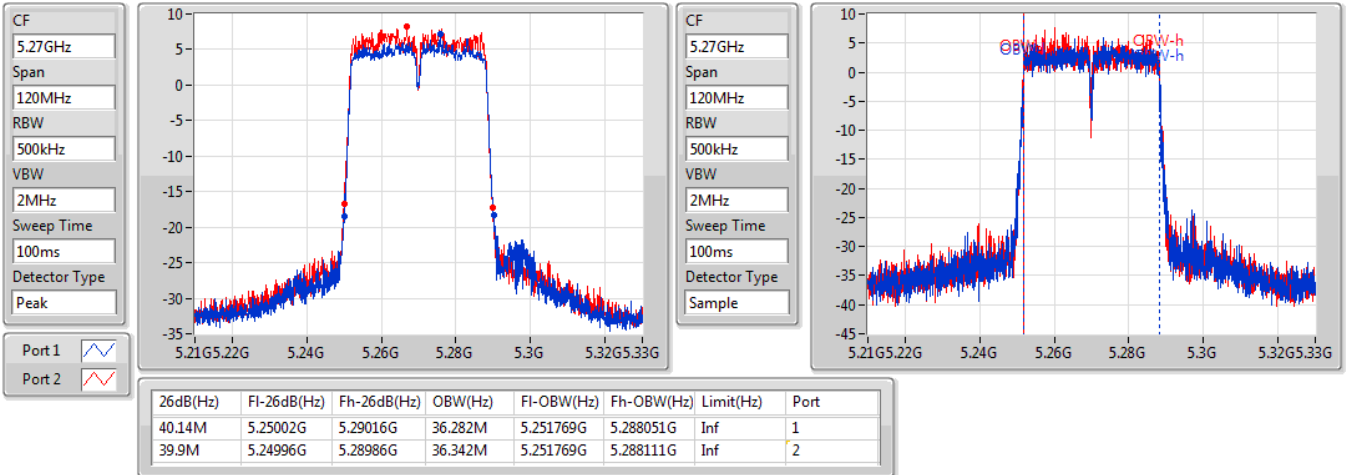


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

07/11/2019

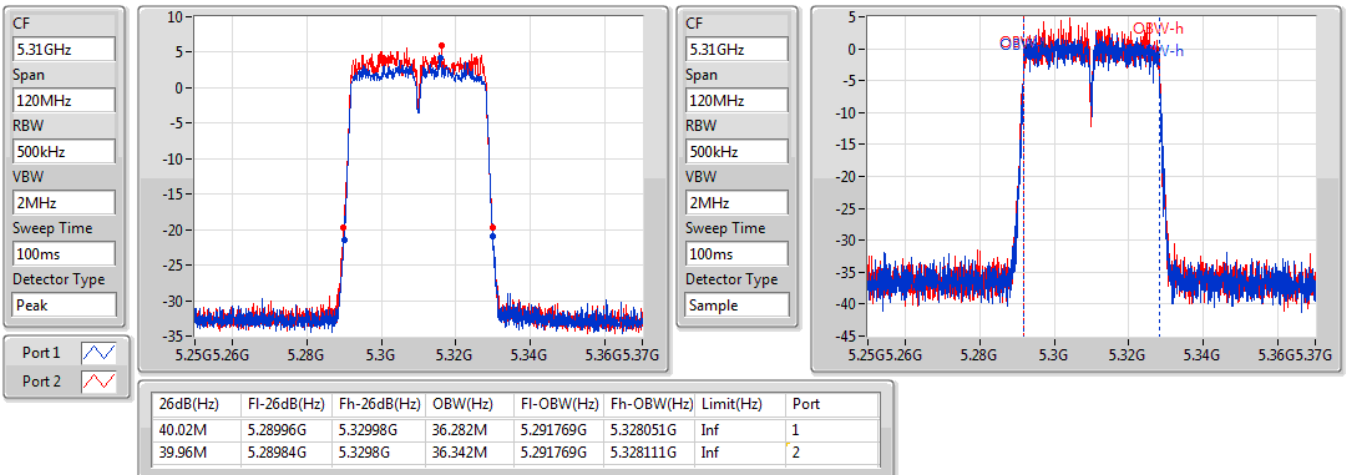


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

07/11/2019



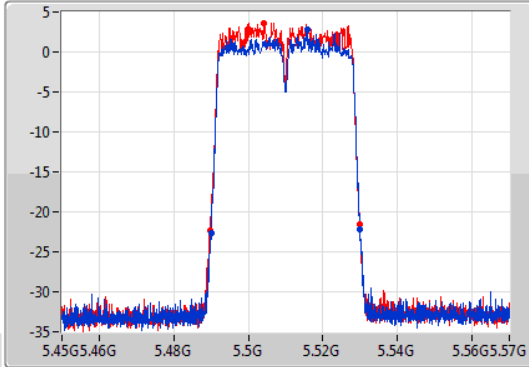
802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

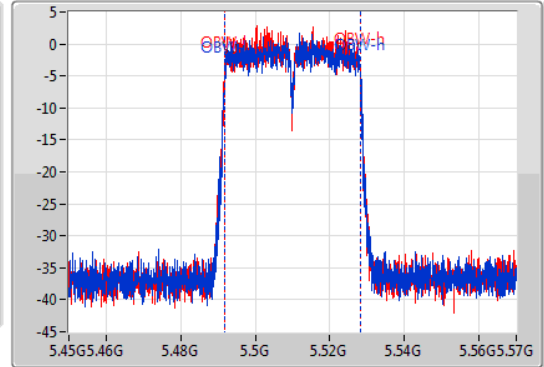
5510MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.48996G	5.52998G	36.282M	5.491769G	5.528051G	Inf	1
40.2M	5.48966G	5.52986G	36.342M	5.491769G	5.528111G	Inf	2

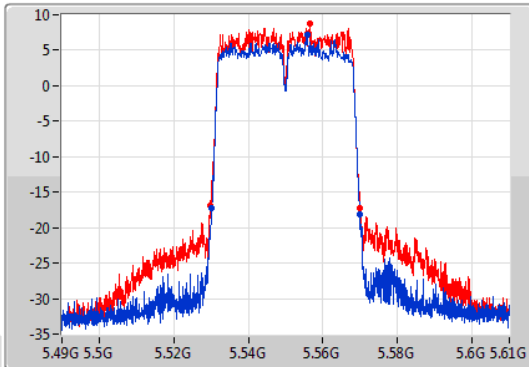
802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

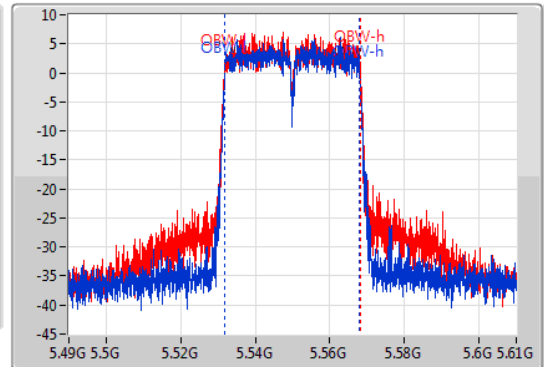
5550MHz

07/11/2019

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



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



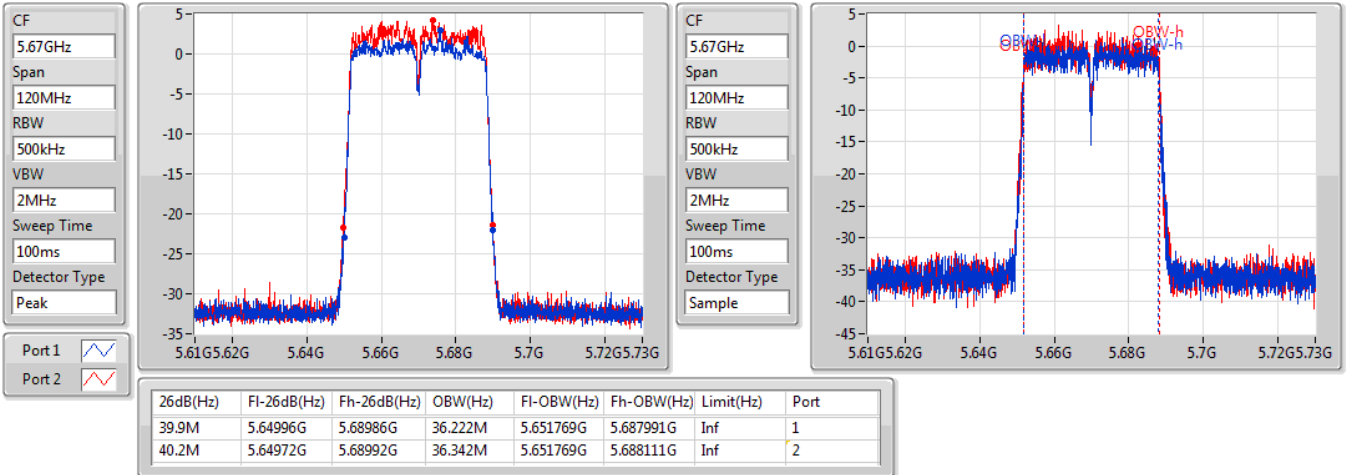
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53008G	5.56998G	36.162M	5.531829G	5.567991G	Inf	1
40.14M	5.52984G	5.56998G	36.402M	5.531769G	5.568171G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5670MHz

07/11/2019

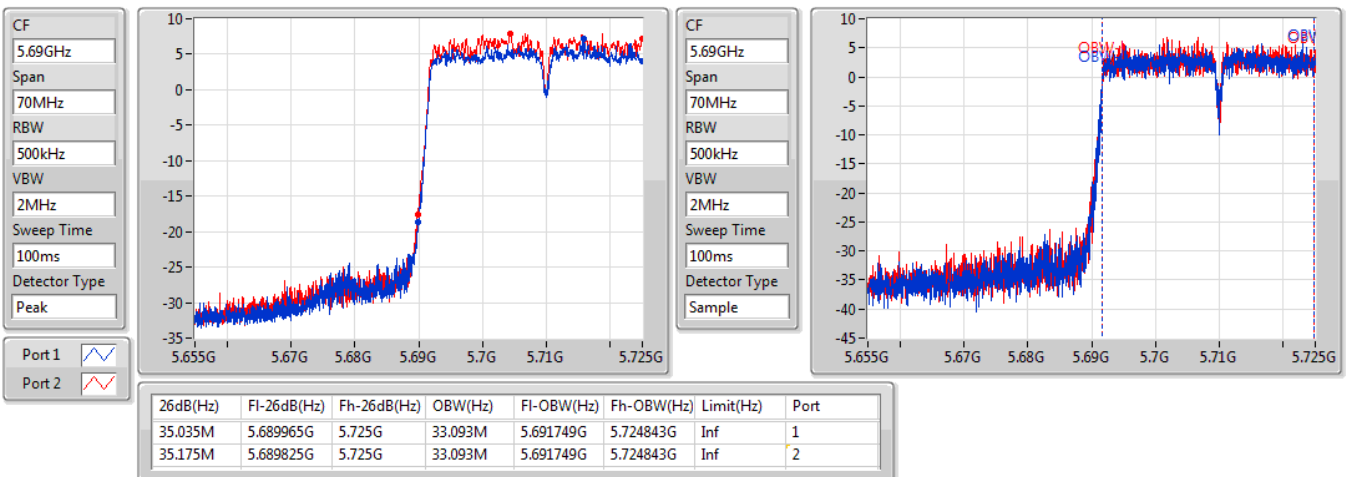


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/11/2019

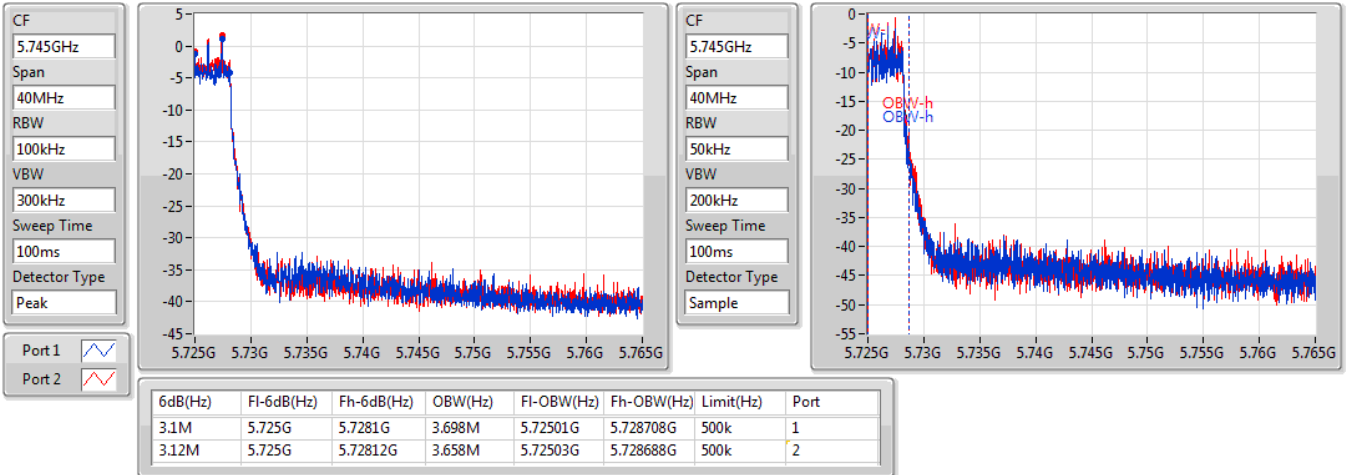


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/11/2019

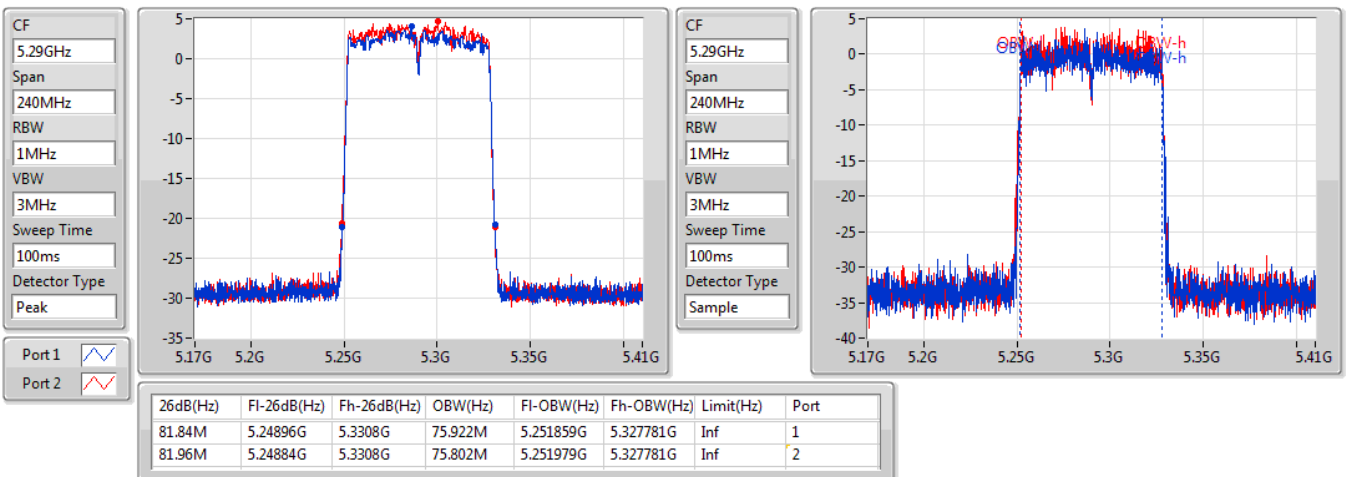


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

07/11/2019



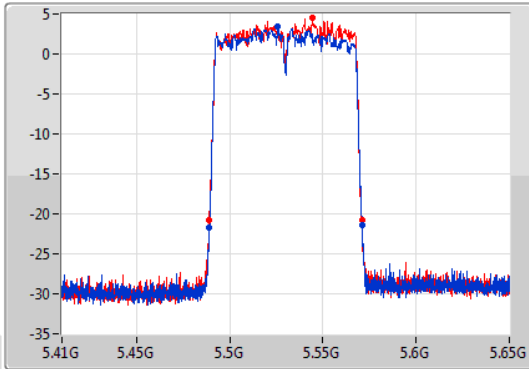
802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

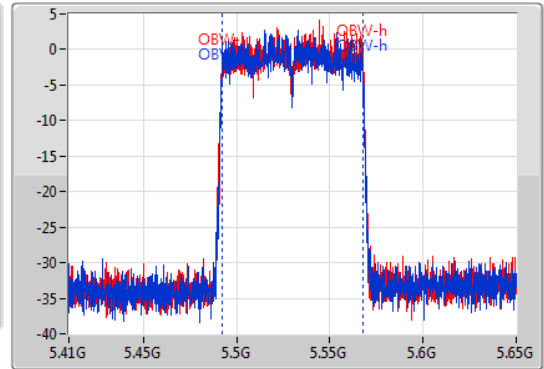
5530MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.48908G	5.57092G	75.802M	5.491979G	5.567781G	Inf	1
81.96M	5.48884G	5.5708G	75.802M	5.492099G	5.567901G	Inf	2

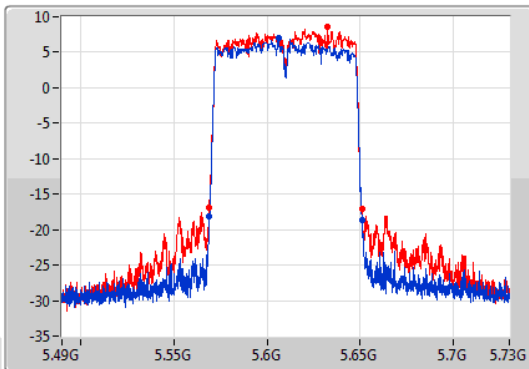
802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

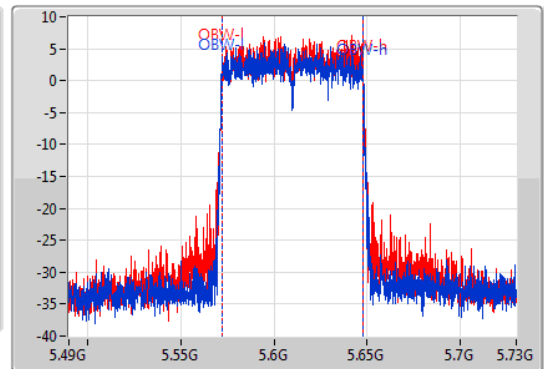
5610MHz

07/11/2019

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



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



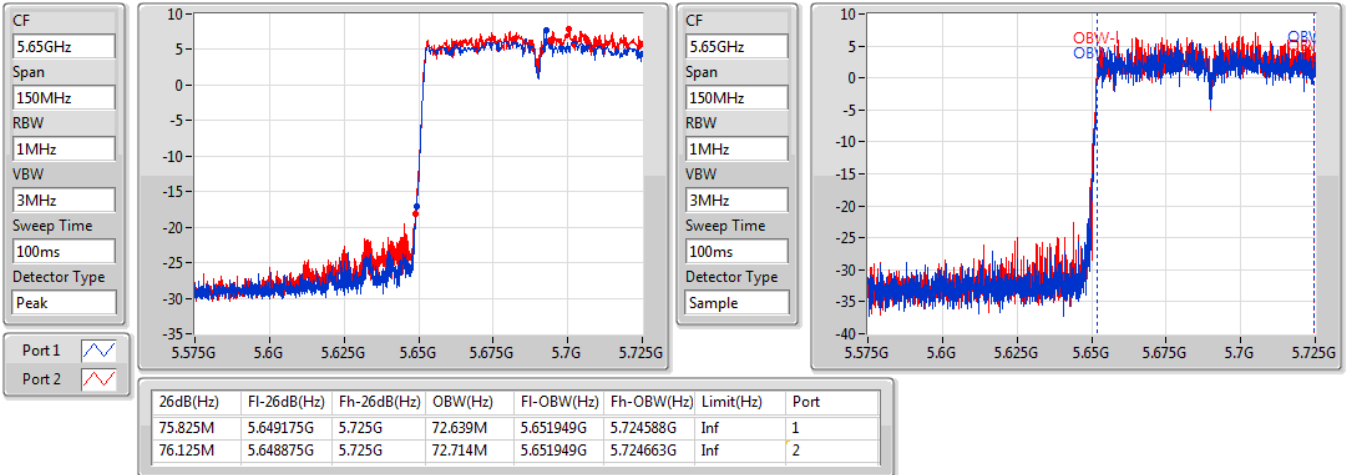
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.56908G	5.65104G	75.922M	5.571979G	5.647901G	Inf	1
81.84M	5.56908G	5.65092G	75.682M	5.572099G	5.647781G	Inf	2

802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

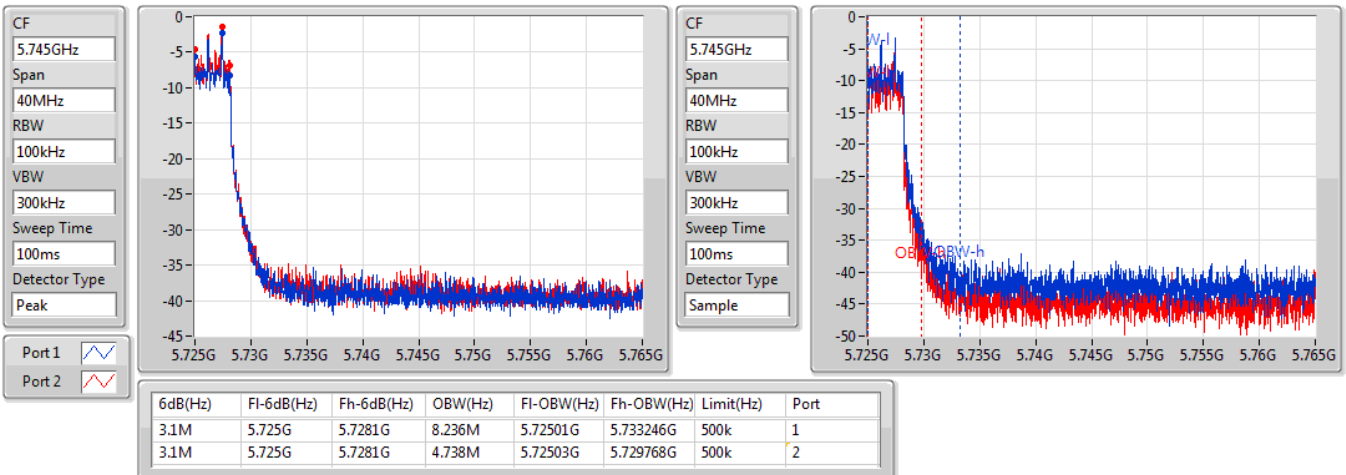


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019

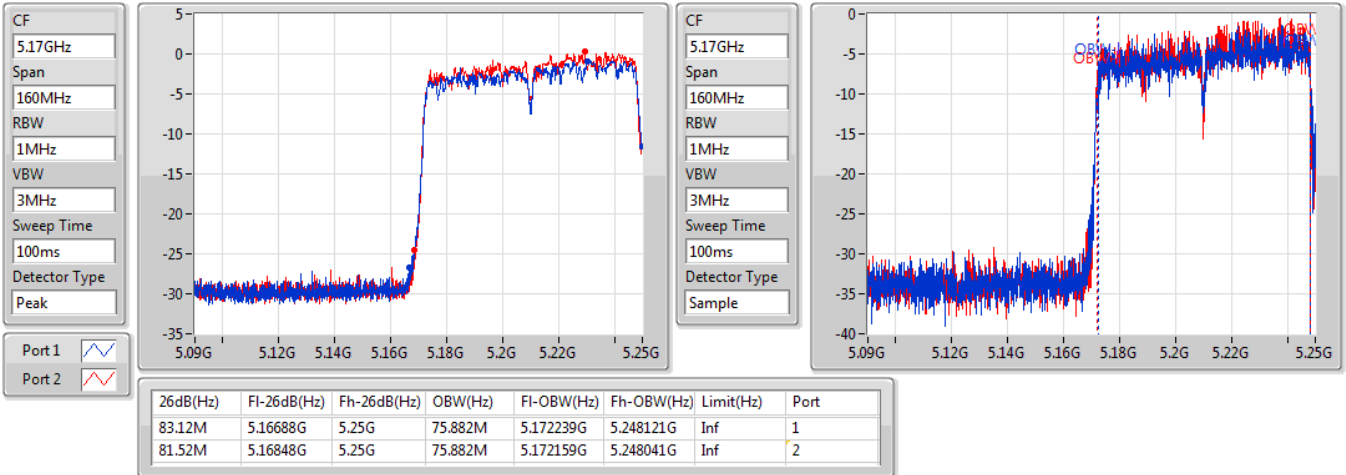


802.11ac VHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

07/11/2019

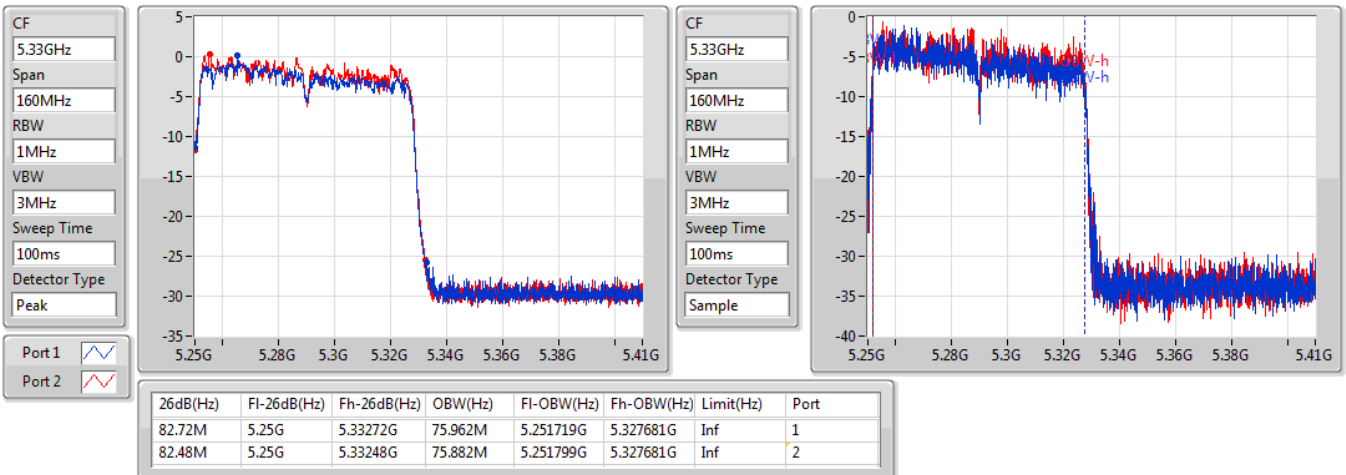


802.11ac VHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

07/11/2019



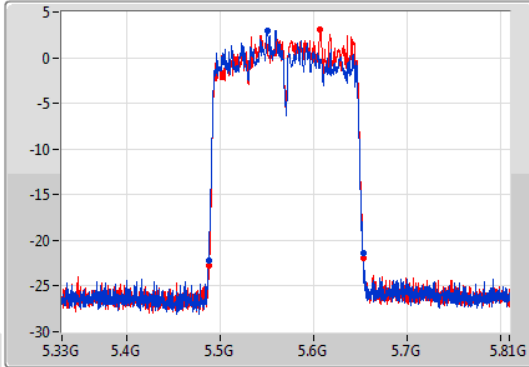
802.11ac VHT160_Nss2,(MCS0)_2TX

EBW

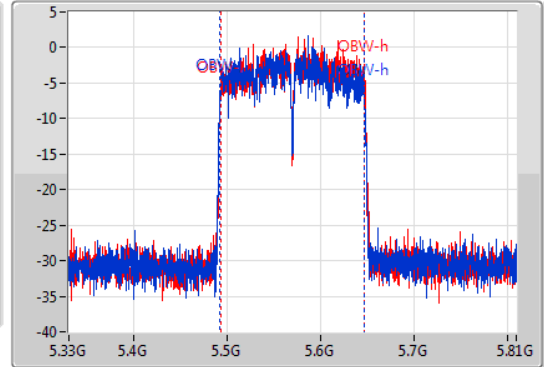
5570MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.08M	5.4872G	5.65328G	155.202M	5.492279G	5.647481G	Inf	1
165.84M	5.48768G	5.65352G	154.963M	5.492519G	5.647481G	Inf	2

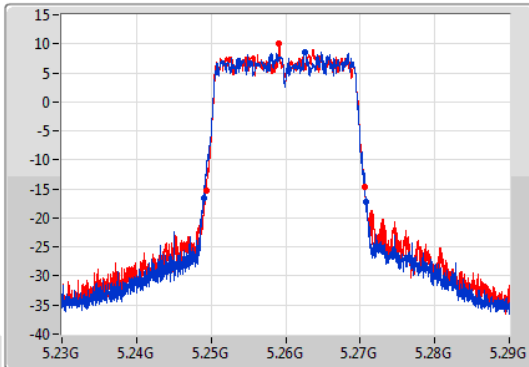
802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5260MHz

07/11/2019

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



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



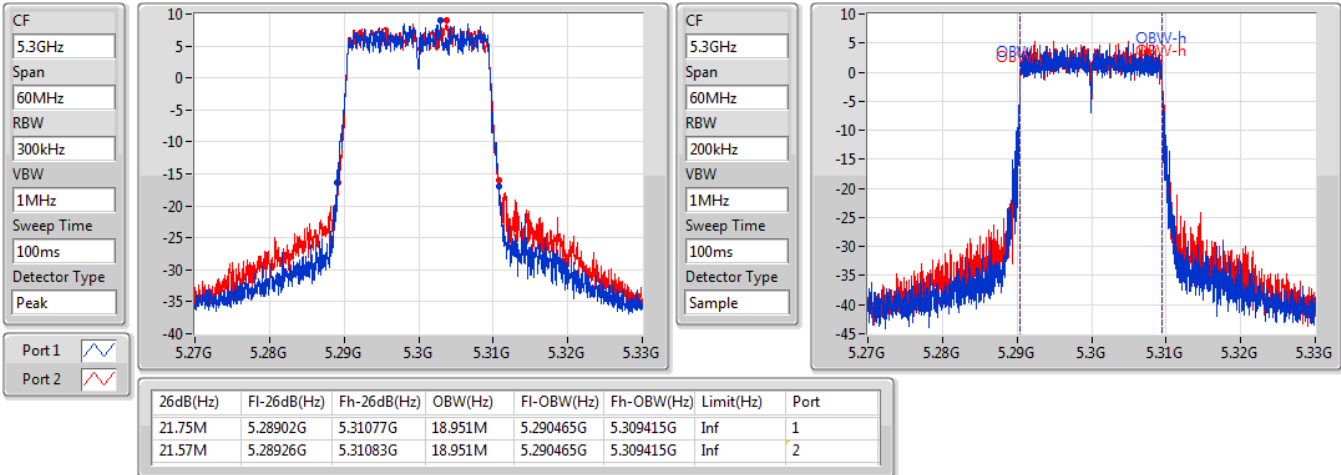
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.24899G	5.2708G	19.01M	5.250465G	5.269475G	Inf	1
21.33M	5.24932G	5.27065G	18.981M	5.250435G	5.269415G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5300MHz

07/11/2019

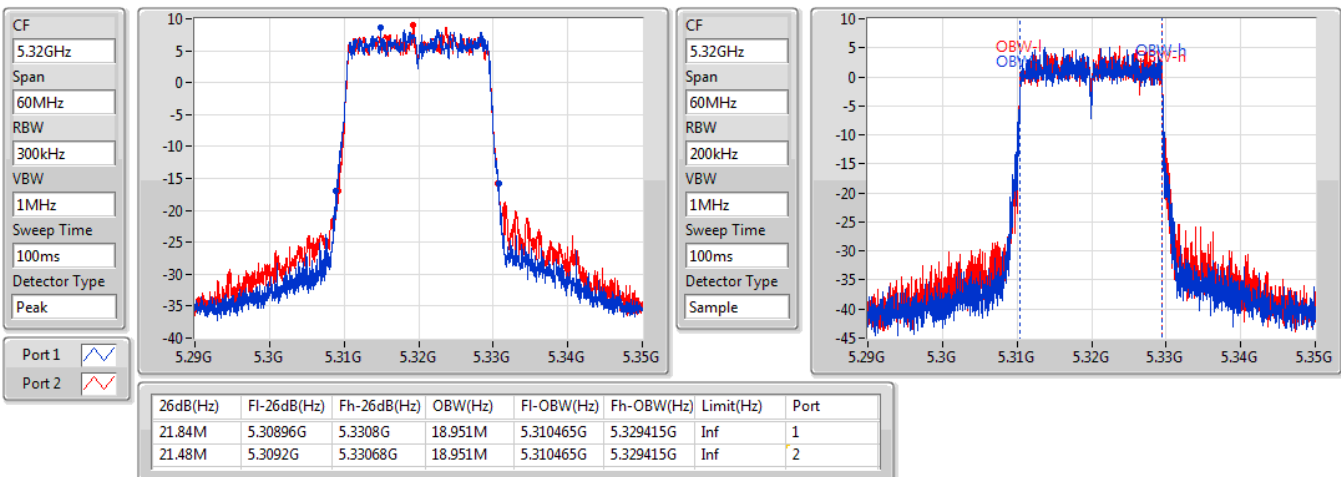


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

07/11/2019

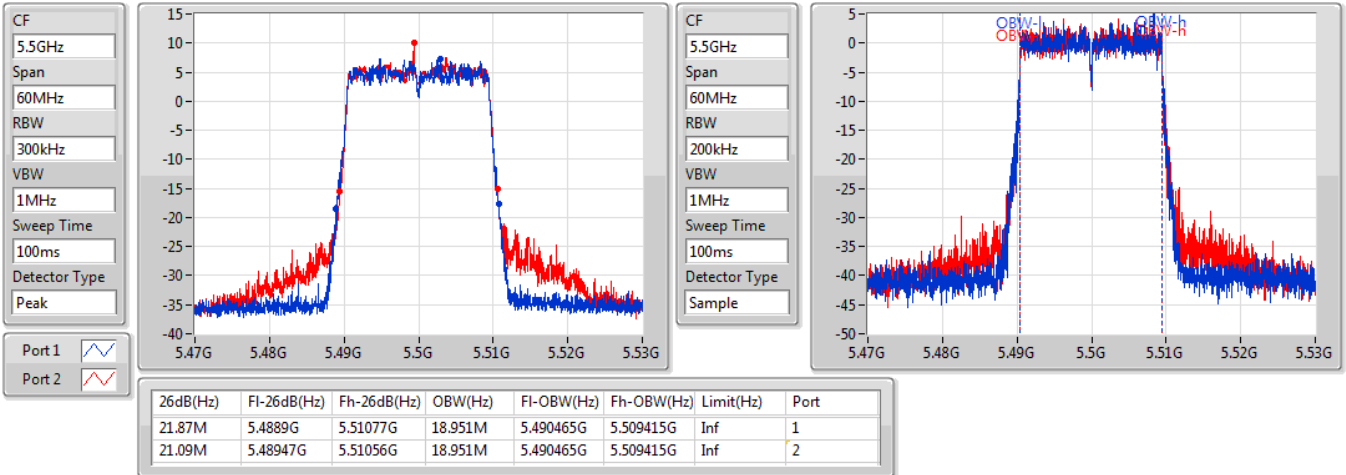


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

07/11/2019

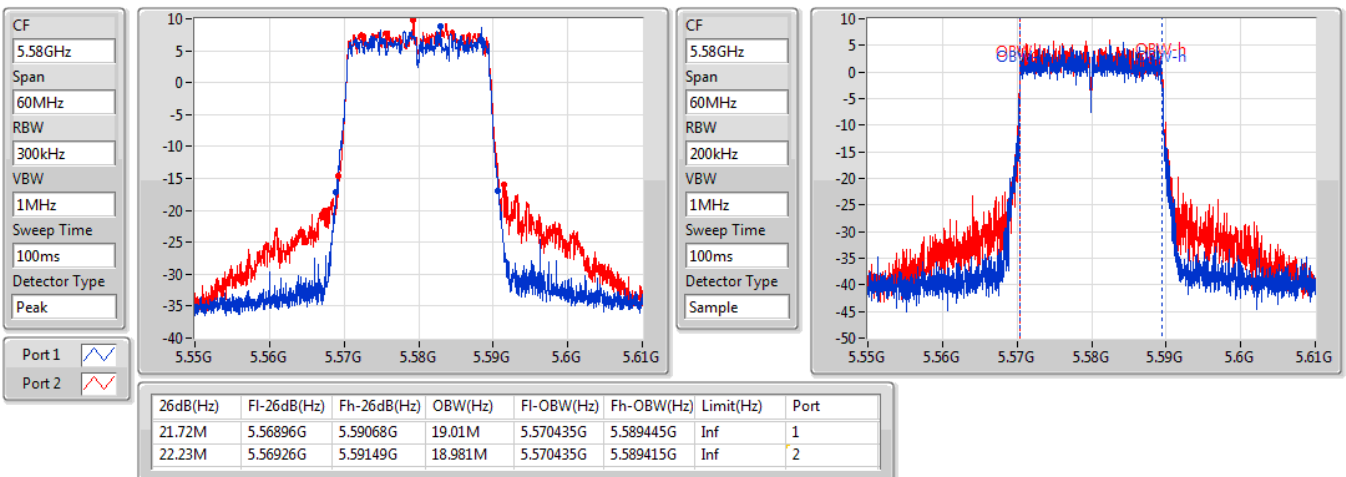


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

07/11/2019

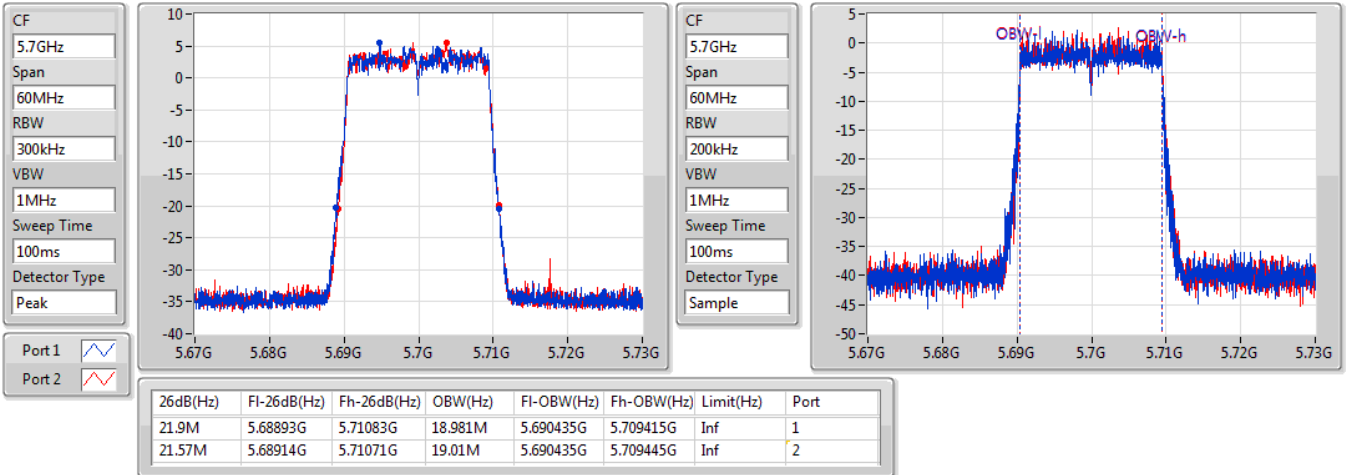


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5700MHz

07/11/2019

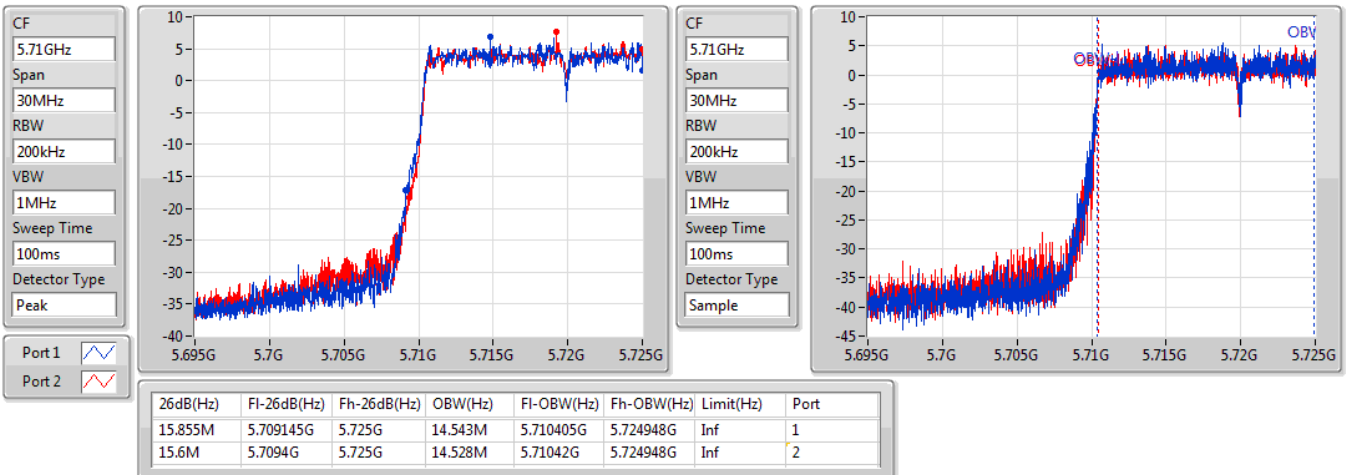


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/11/2019

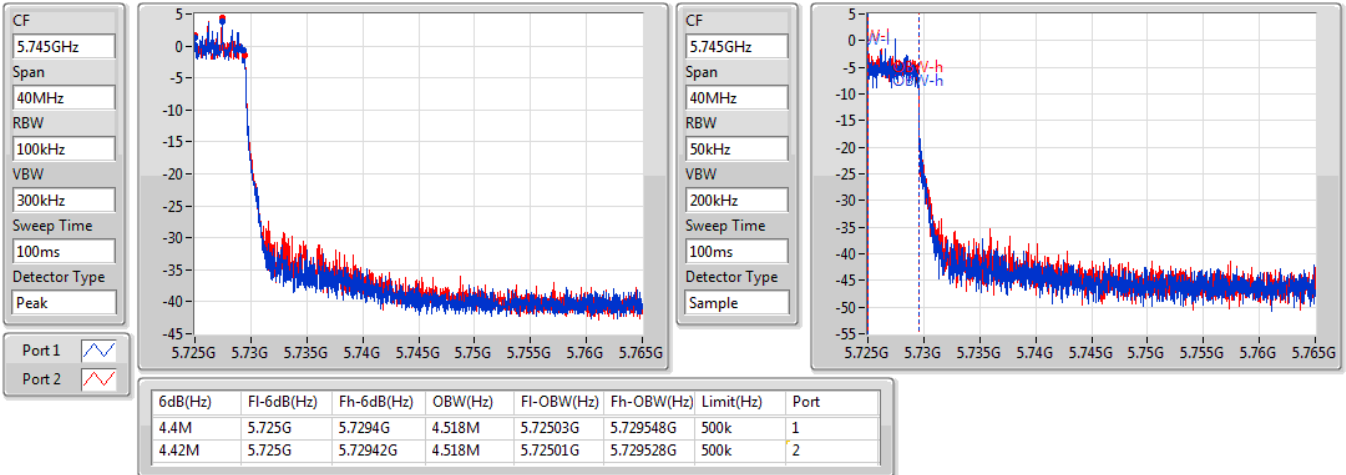


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/11/2019

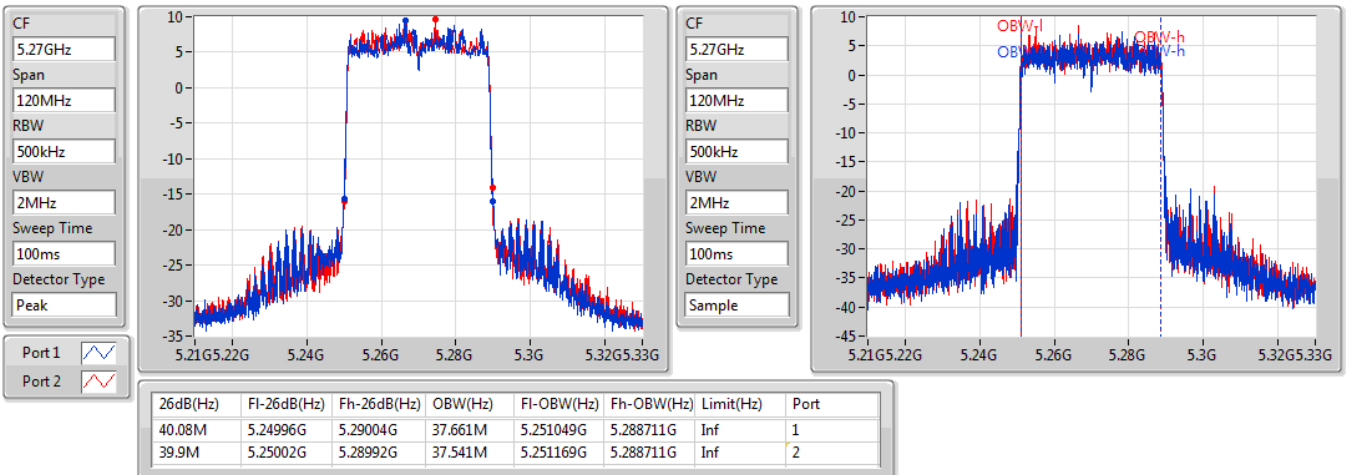


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5270MHz

07/11/2019

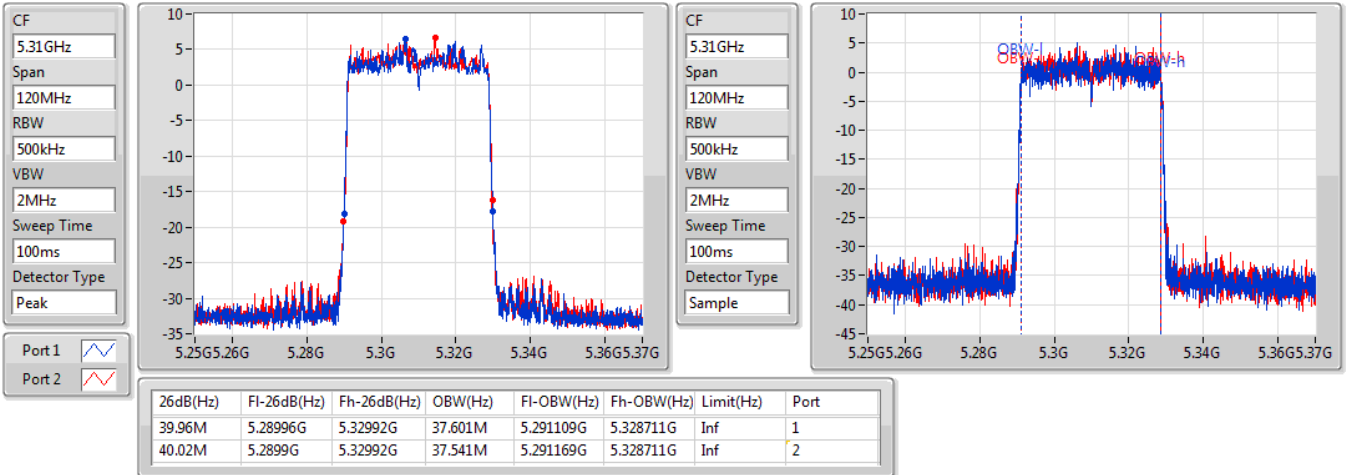


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5310MHz

07/11/2019

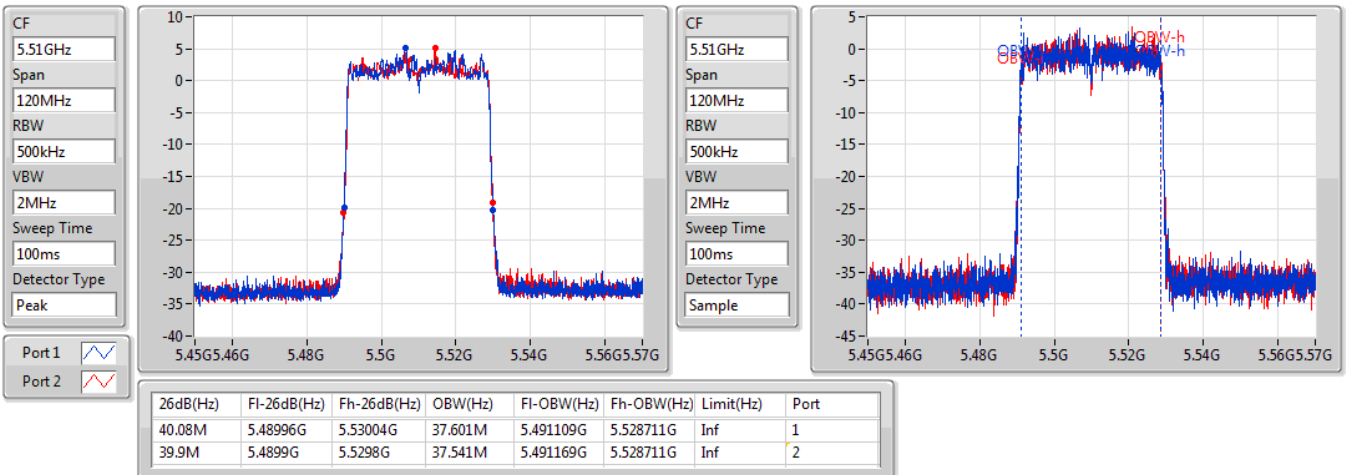


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5510MHz

07/11/2019



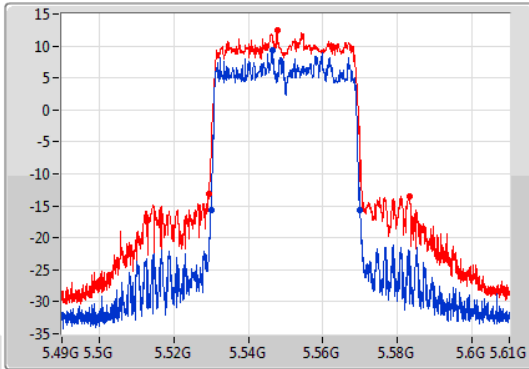
802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

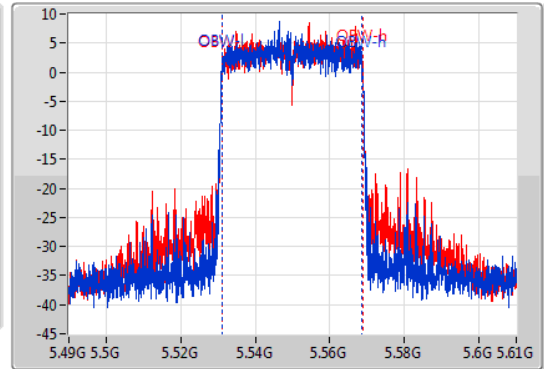
5550MHz

07/11/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.52996G	5.57004G	37.541M	5.531169G	5.568711G	Inf	1
53.7M	5.52942G	5.58312G	37.661M	5.531109G	5.568771G	Inf	2

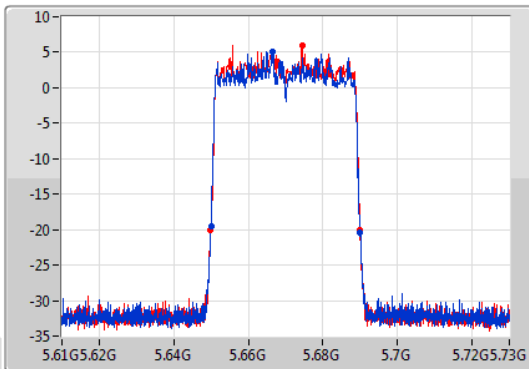
802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

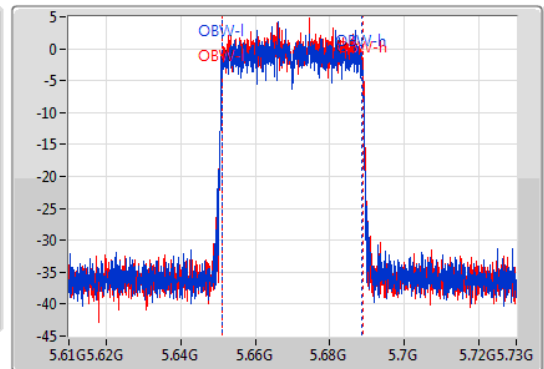
5670MHz

07/11/2019

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



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



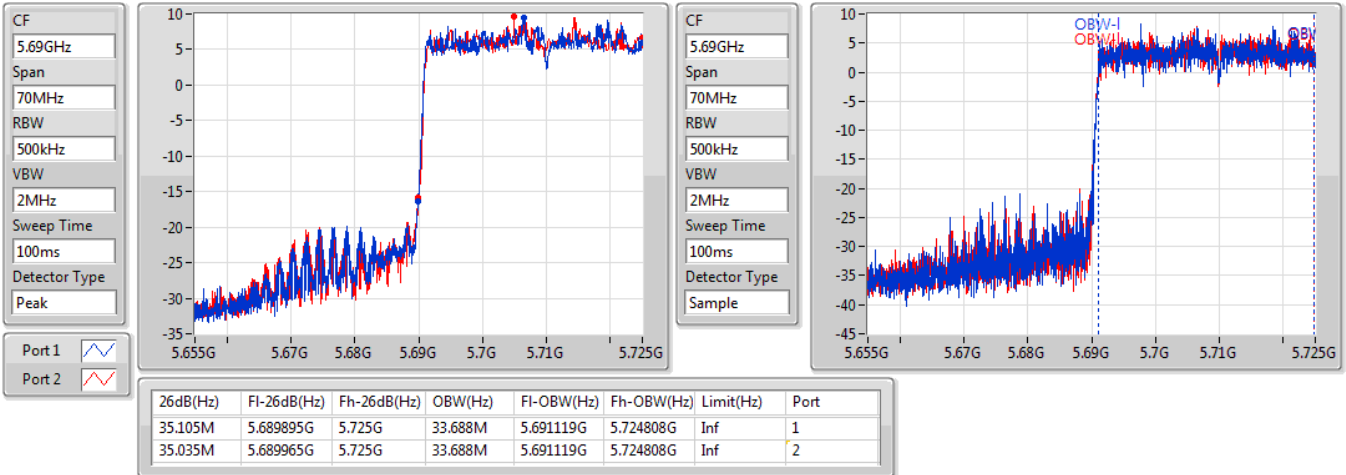
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.64996G	5.69004G	37.661M	5.651049G	5.688711G	Inf	1
39.96M	5.6499G	5.68986G	37.601M	5.651169G	5.688771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/11/2019

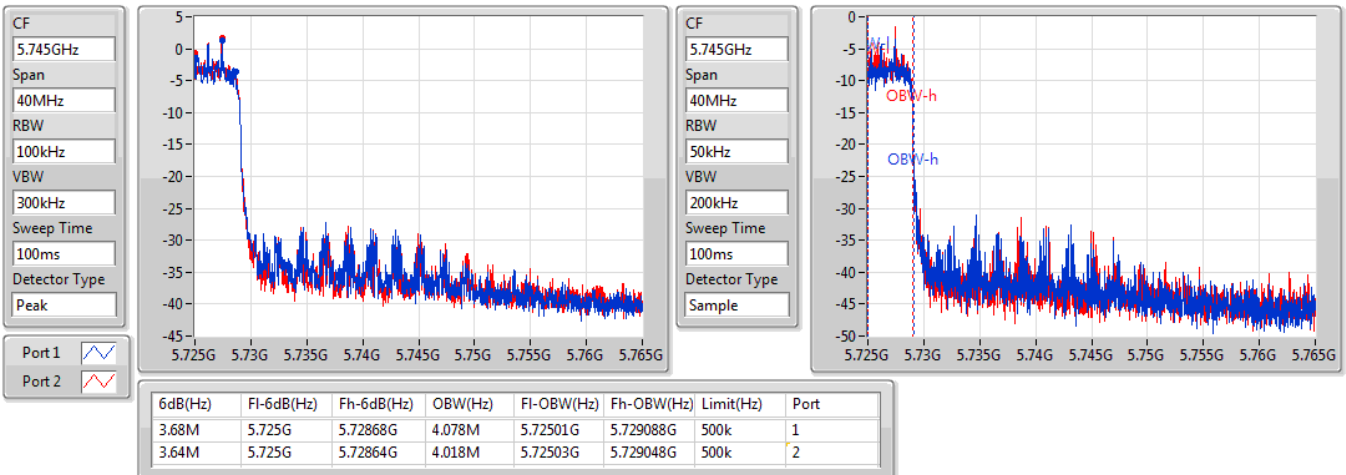


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/11/2019

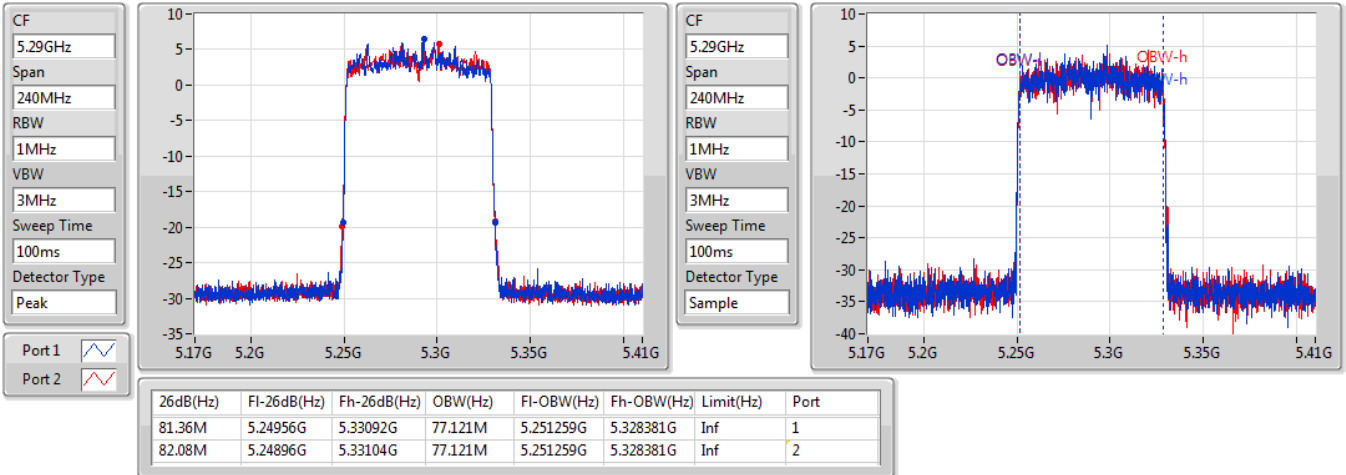


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

07/11/2019

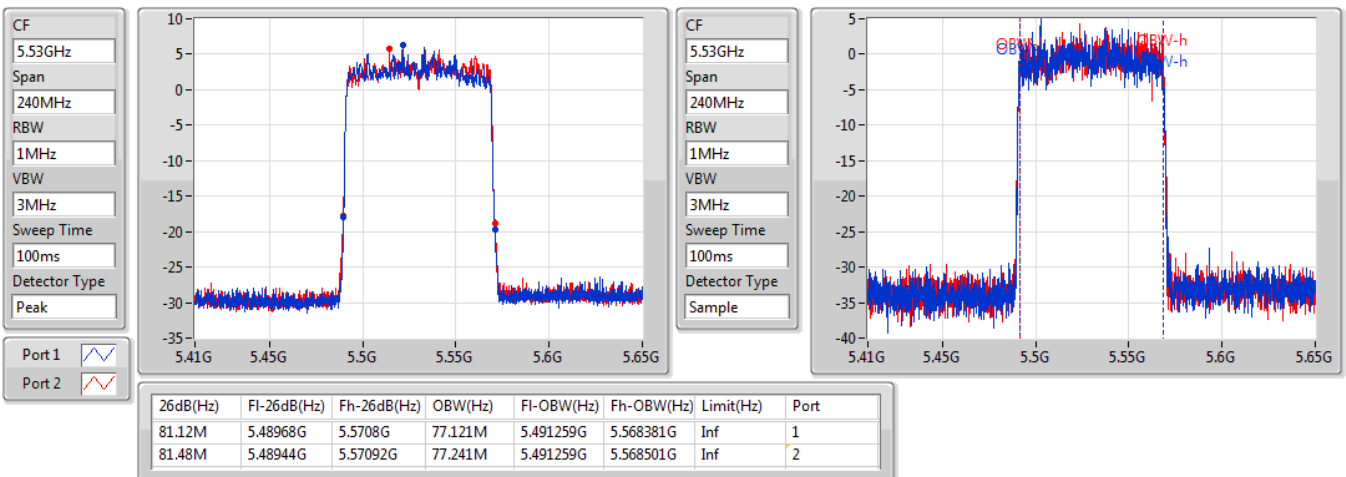


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

07/11/2019

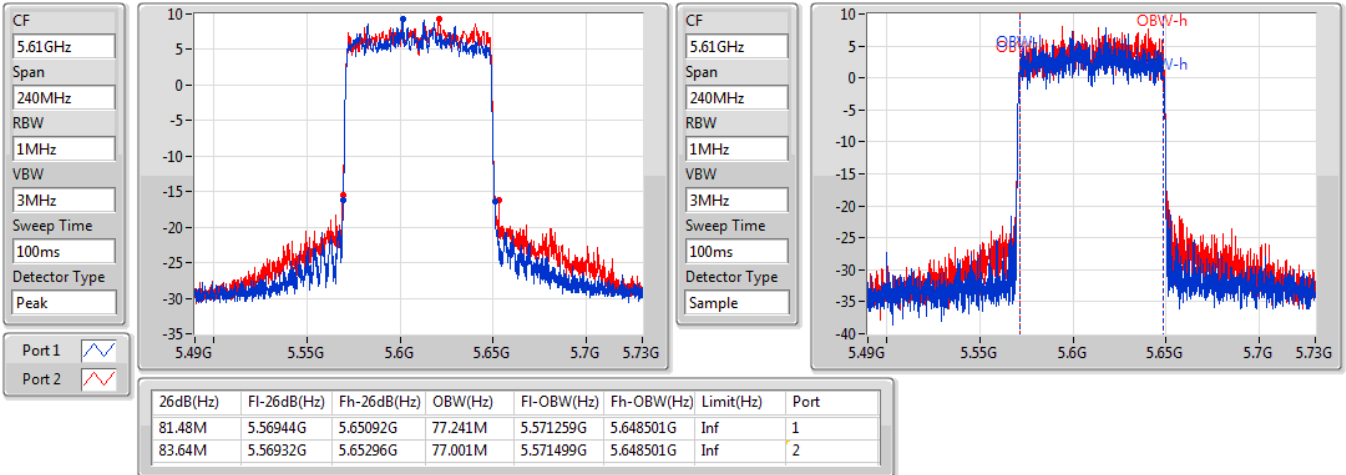


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

07/11/2019

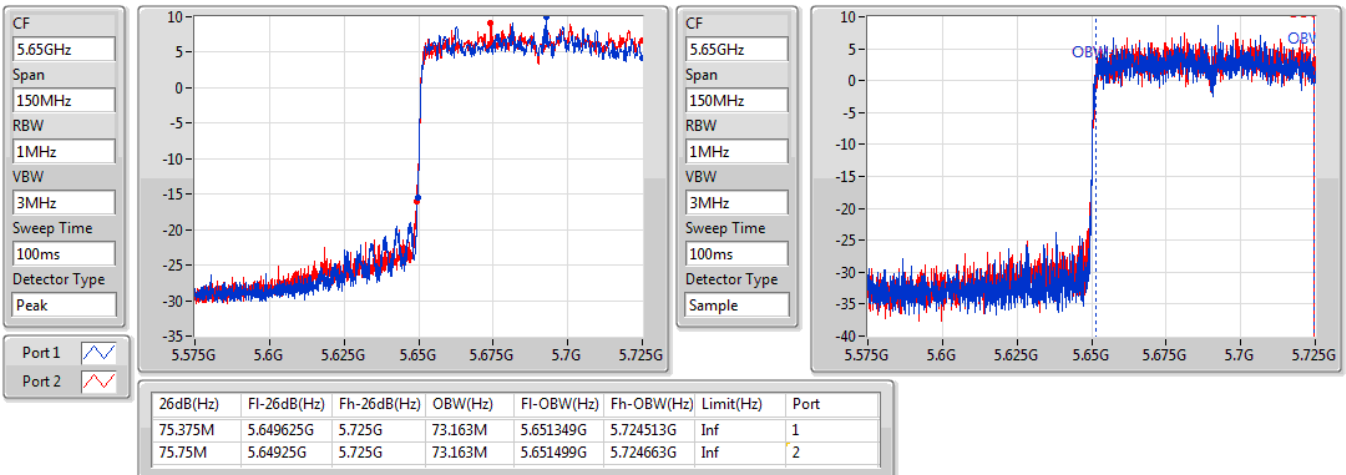


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

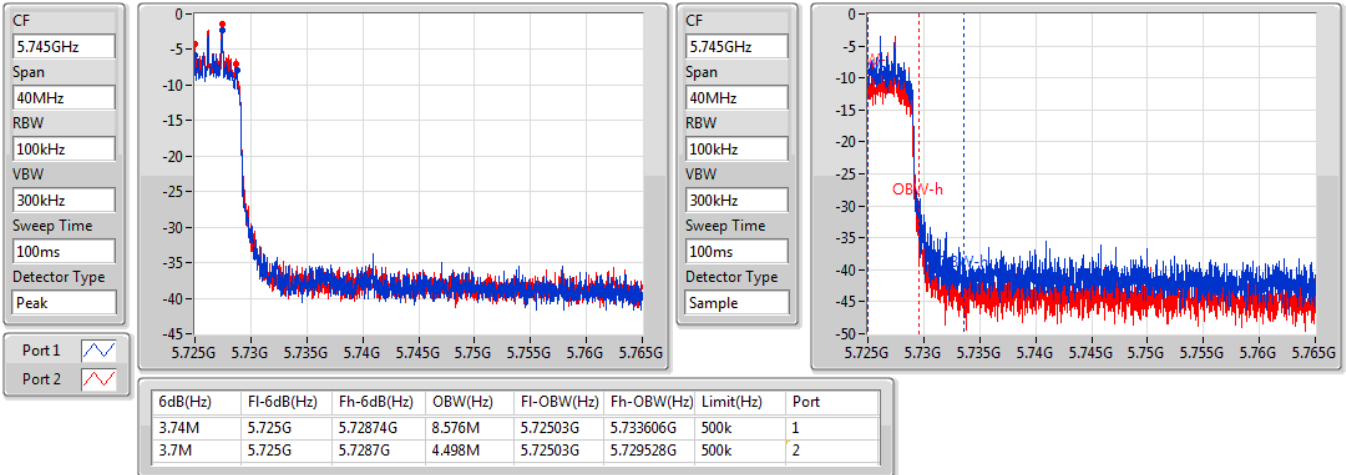


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019

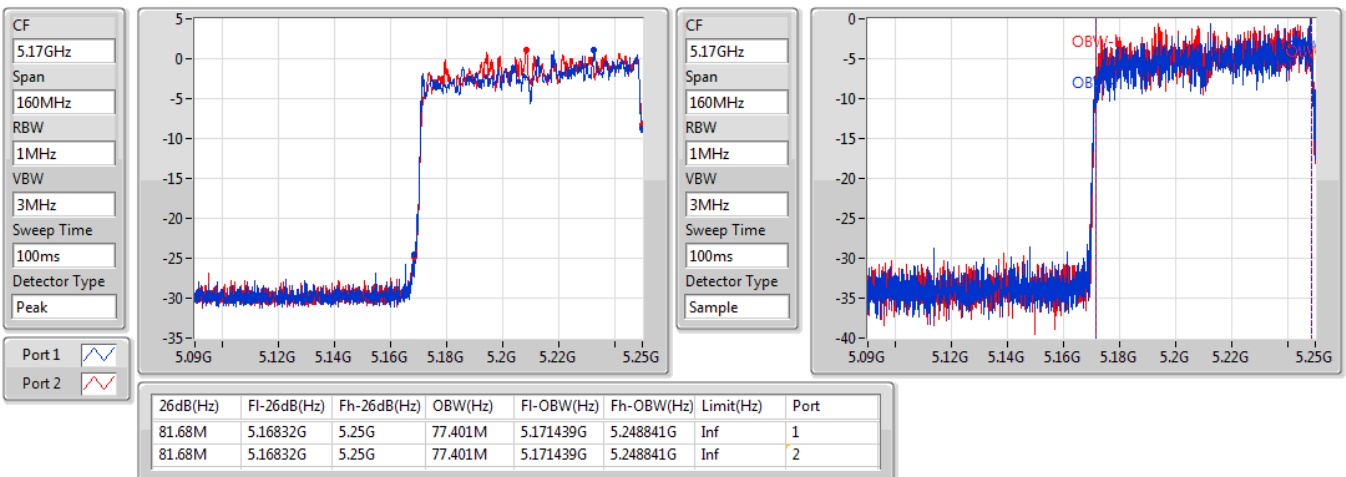


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

07/11/2019

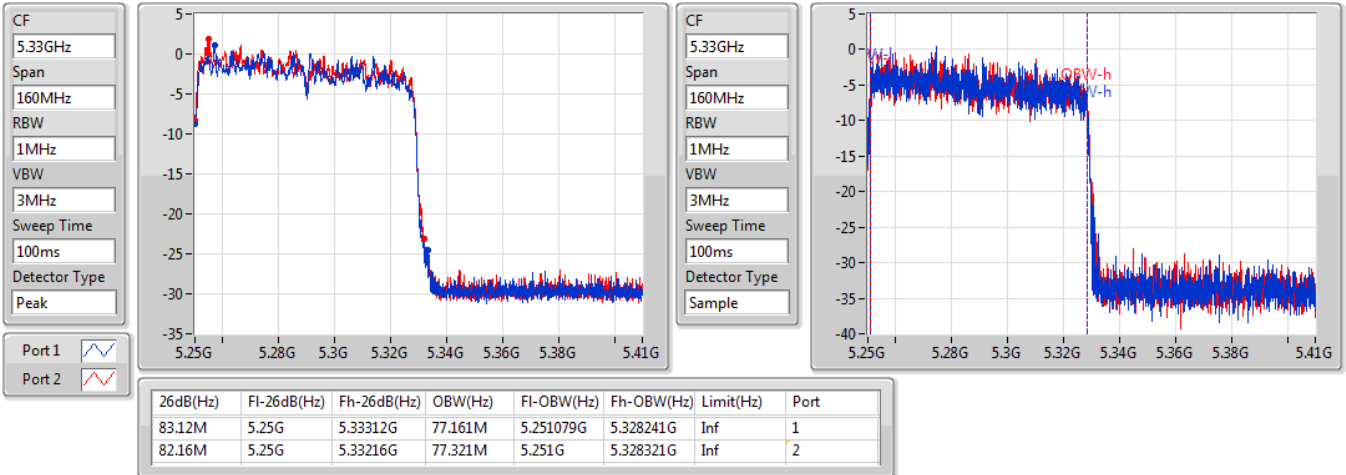


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

07/11/2019

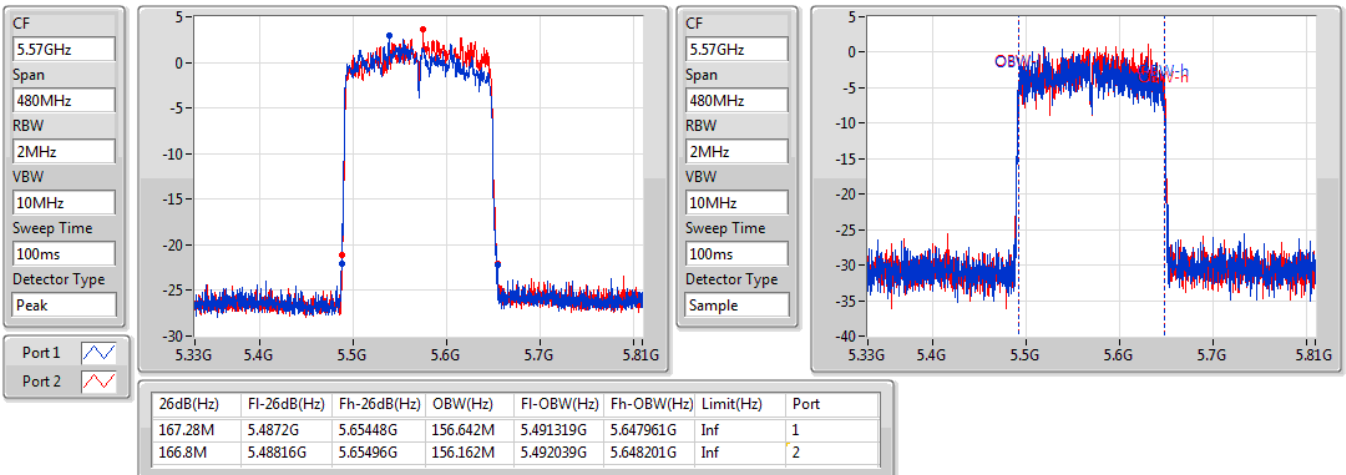


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5570MHz

07/11/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	83.44M	76.282M	76M3D1D	81.44M	75.802M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.68M	77.481M	77M5D1D	80.8M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.84M	16.642M	16M6D1D	21.39M	16.552M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.87M	17.841M	17M8D1D	21.48M	17.751M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.32M	36.282M	36M3D1D	39.84M	36.222M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.44M	76.042M	76M0D1D	81.6M	75.802M
802.11ac VHT160_Nss1,(MCS0)_4TX	84.96M	75.962M	76M0D1D	81.36M	75.802M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.87M	19.04M	19M0D1D	21.54M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.26M	37.661M	37M7D1D	39.84M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.361M	77M4D1D	81.84M	77.001M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.32M	77.321M	77M3D1D	81.44M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.78M	16.702M	16M7D1D	15.705M	13.343M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.96M	17.811M	17M8D1D	15.81M	13.928M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.68M	36.342M	36M3D1D	34.895M	33.023M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.32M	75.922M	75M9D1D	75.675M	72.489M
802.11ac VHT160_Nss1,(MCS0)_4TX	166.32M	155.202M	155MD1D	164.16M	154.483M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.96M	19.01M	19M0D1D	15.735M	14.483M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.5M	37.721M	37M7D1D	34.93M	33.653M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.481M	77M5D1D	75.825M	73.238M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.08M	156.162M	156MD1D	164.4M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.22M	15.872M	15M9D1D	3.04M	10.935M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.74M	11.154M	11M2D1D	3.7M	5.757M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.1M	15.532M	15M5D1D	3.1M	10.875M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.08M	21.349M	21M3D1D	3.06M	18.491M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.44M	6.077M	6M08D1D	4.36M	4.898M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.76M	9.775M	9M78D1D	3.6M	7.756M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.74M	15.932M	15M9D1D	3.24M	10.995M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.39M	16.612M	21.69M	16.582M	21.84M	16.642M	21.48M	16.582M
5300MHz	Pass	Inf	21.51M	16.582M	21.72M	16.642M	21.72M	16.642M	21.6M	16.612M
5320MHz	Pass	Inf	21.42M	16.642M	21.54M	16.612M	21.72M	16.612M	21.54M	16.552M
5500MHz	Pass	Inf	21.45M	16.612M	21.69M	16.582M	21.6M	16.612M	21.42M	16.612M
5580MHz	Pass	Inf	21.51M	16.672M	21.48M	16.582M	21.57M	16.702M	21.51M	16.612M
5700MHz	Pass	Inf	21.36M	16.642M	21.78M	16.612M	21.66M	16.612M	21.57M	16.582M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.735M	13.343M	15.705M	13.373M	15.72M	13.343M	15.84M	13.343M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.04M	15.872M	3.1M	14.313M	3.22M	10.935M	3.1M	11.374M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.87M	17.841M	21.48M	17.811M	21.48M	17.811M	21.81M	17.781M
5300MHz	Pass	Inf	21.81M	17.811M	21.66M	17.781M	21.57M	17.781M	21.81M	17.751M
5320MHz	Pass	Inf	21.87M	17.751M	21.51M	17.811M	21.84M	17.781M	21.81M	17.781M
5500MHz	Pass	Inf	21.9M	17.781M	21.63M	17.811M	21.57M	17.811M	21.57M	17.811M
5580MHz	Pass	Inf	21.96M	17.811M	21.66M	17.811M	21.63M	17.781M	21.6M	17.811M
5700MHz	Pass	Inf	21.93M	17.781M	21.54M	17.781M	21.51M	17.781M	21.72M	17.811M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.84M	13.928M	15.81M	13.958M	15.84M	13.943M	15.885M	13.943M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	11.154M	3.7M	6.337M	3.7M	5.757M	3.74M	6.117M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.26M	36.282M	39.84M	36.282M	40.14M	36.282M	39.84M	36.222M
5310MHz	Pass	Inf	40.32M	36.282M	40.2M	36.282M	40.02M	36.282M	39.96M	36.222M
5510MHz	Pass	Inf	40.44M	36.342M	39.72M	36.222M	39.96M	36.342M	39.84M	36.282M
5550MHz	Pass	Inf	40.32M	36.222M	40.02M	36.222M	40.26M	36.282M	39.78M	36.342M
5670MHz	Pass	Inf	40.68M	36.342M	39.84M	36.282M	39.96M	36.282M	39.42M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.023M	35M	33.023M	35.105M	33.023M	34.895M	33.023M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	15.532M	3.1M	14.333M	3.1M	13.913M	3.1M	10.875M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	75.802M	81.6M	75.922M	81.6M	76.042M	82.44M	75.802M
5530MHz	Pass	Inf	82.32M	75.682M	81.48M	75.802M	81.6M	75.802M	81.72M	75.682M
5610MHz	Pass	Inf	82.2M	75.682M	81.36M	75.922M	81.72M	75.802M	81.84M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.125M	72.564M	75.9M	72.639M	75.675M	72.639M	76.05M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.06M	21.349M	3.08M	18.491M	3.08M	19.23M	3.08M	19.11M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.44M	75.882M	82.72M	76.042M	82.24M	75.802M	81.44M	76.282M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.96M	75.962M	83.2M	75.882M	81.36M	75.802M	81.52M	75.802M
5570MHz	Pass	Inf	164.16M	155.202M	166.32M	154.963M	165.84M	154.483M	164.88M	154.963M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.69M	18.981M	21.66M	18.981M	21.75M	18.981M	21.6M	18.951M
5300MHz	Pass	Inf	21.69M	19.04M	21.57M	18.981M	21.69M	18.981M	21.66M	18.951M
5320MHz	Pass	Inf	21.87M	18.951M	21.54M	18.981M	21.75M	18.981M	21.6M	19.01M
5500MHz	Pass	Inf	21.72M	18.981M	21.66M	18.981M	21.72M	18.981M	21.72M	18.981M
5580MHz	Pass	Inf	21.96M	18.981M	21.45M	18.951M	21.72M	18.981M	21.66M	18.981M
5700MHz	Pass	Inf	21.81M	19.01M	21.39M	18.951M	21.87M	18.981M	21.51M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	14.528M	15.735M	14.483M	15.93M	14.513M	15.81M	14.513M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	6.077M	4.44M	5.257M	4.36M	4.898M	4.42M	5.397M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.26M	37.661M	39.84M	37.601M	40.08M	37.601M	40.08M	37.541M
5310MHz	Pass	Inf	40.02M	37.541M	39.84M	37.601M	40.08M	37.481M	40.02M	37.661M
5510MHz	Pass	Inf	40.08M	37.601M	39.9M	37.601M	40.08M	37.721M	40.08M	37.661M
5550MHz	Pass	Inf	40.2M	37.541M	39.78M	37.601M	39.96M	37.661M	40.08M	37.541M
5670MHz	Pass	Inf	40.5M	37.541M	39.84M	37.661M	40.02M	37.541M	40.08M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.723M	34.93M	33.653M	35.035M	33.688M	35.035M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.68M	7.756M	3.6M	9.775M	3.66M	9.035M	3.76M	7.796M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.241M	82.2M	77.001M	81.96M	77.121M	81.84M	77.361M
5530MHz	Pass	Inf	82.08M	77.121M	82.32M	77.241M	81.84M	77.481M	81.48M	76.882M
5610MHz	Pass	Inf	82.56M	77.241M	82.56M	77.481M	82.2M	77.001M	82.08M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.125M	73.238M	75.825M	73.313M	76.275M	73.388M	75.825M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	15.932M	3.74M	10.995M	3.24M	11.354M	3.68M	12.074M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.36M	77.481M	80.8M	77.401M	81.68M	77.321M	80.88M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.32M	77.241M	81.76M	77.321M	81.44M	77.241M	82.32M	77.161M
5570MHz	Pass	Inf	164.4M	156.162M	164.88M	155.682M	165.12M	155.922M	166.08M	155.922M

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

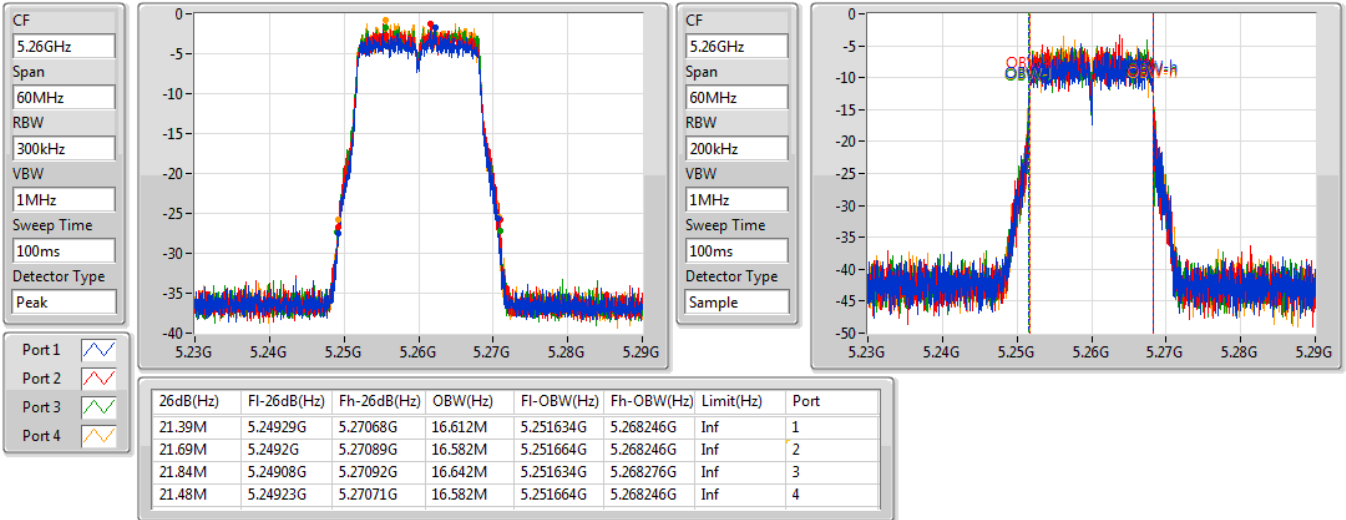
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

09/11/2019

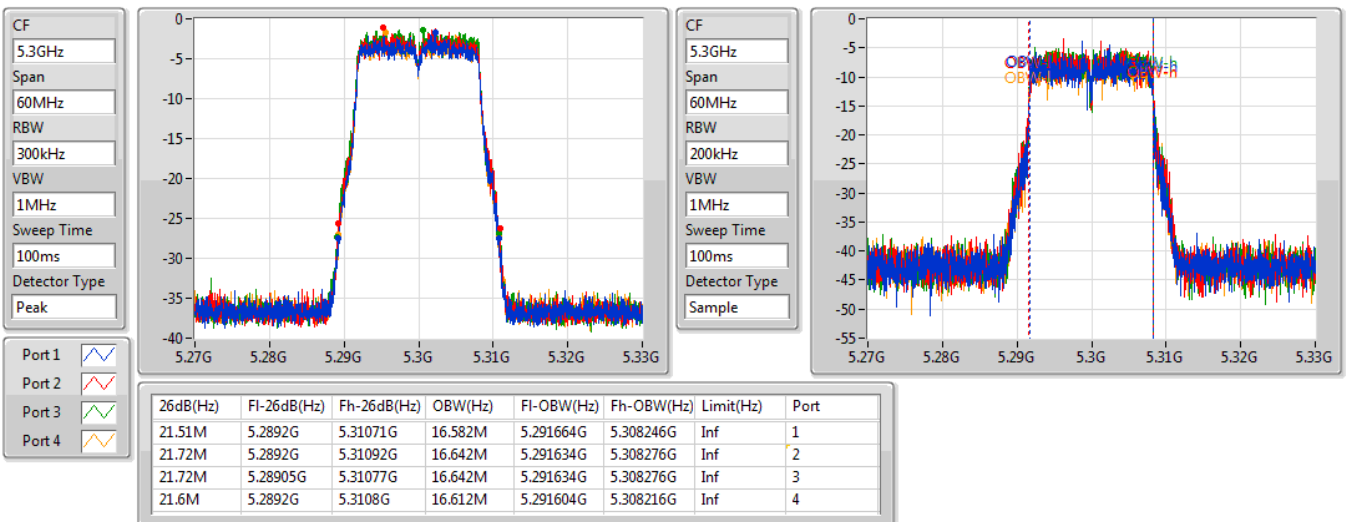


802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

09/11/2019



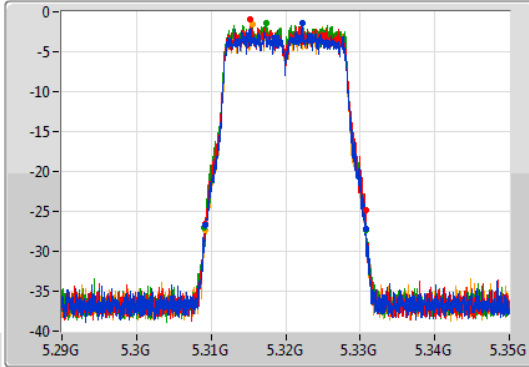
802.11a_Nss1,(6Mbps)_4TX

EBW

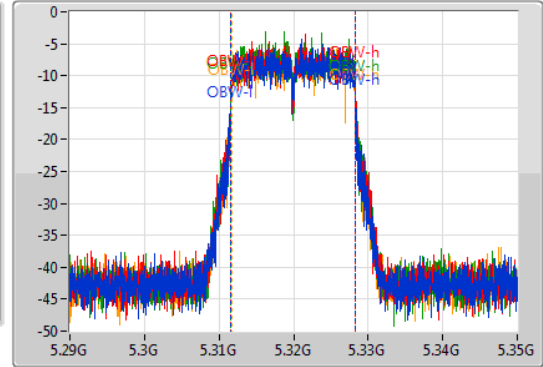
5320MHz

09/11/2019

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



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



Port 1: [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
21.42M	5.30929G	5.33071G	16.642M	5.311604G	5.328246G	Inf	1
21.54M	5.30917G	5.33071G	16.612M	5.311634G	5.328246G	Inf	2
21.72M	5.30908G	5.3308G	16.612M	5.311634G	5.328246G	Inf	3
21.54M	5.30923G	5.33077G	16.552M	5.311664G	5.328216G	Inf	4

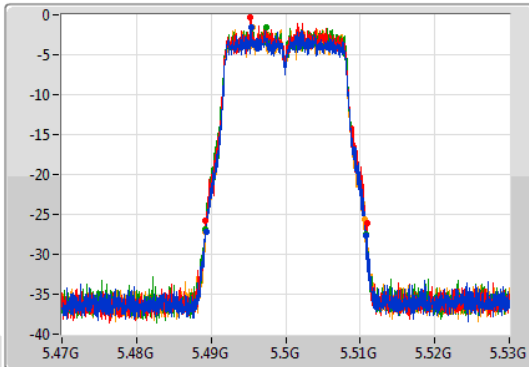
802.11a_Nss1,(6Mbps)_4TX

EBW

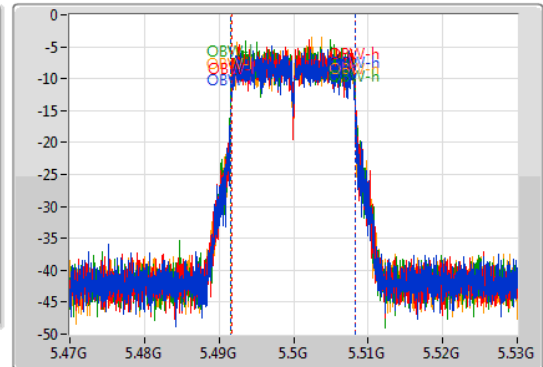
5500MHz

09/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.48932G	5.51077G	16.612M	5.491634G	5.508246G	Inf	1
21.69M	5.48923G	5.51092G	16.582M	5.491664G	5.508246G	Inf	2
21.6M	5.4892G	5.5108G	16.612M	5.491634G	5.508246G	Inf	3
21.42M	5.48923G	5.51065G	16.612M	5.491634G	5.508246G	Inf	4

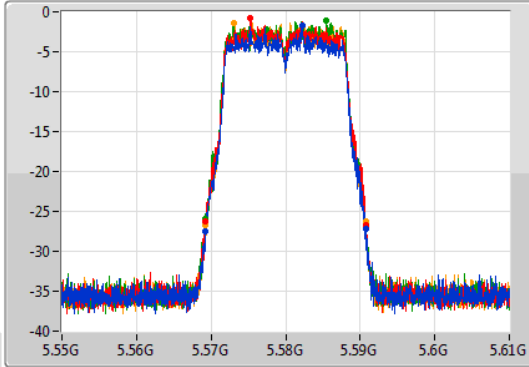
802.11a_Nss1,(6Mbps)_4TX

EBW

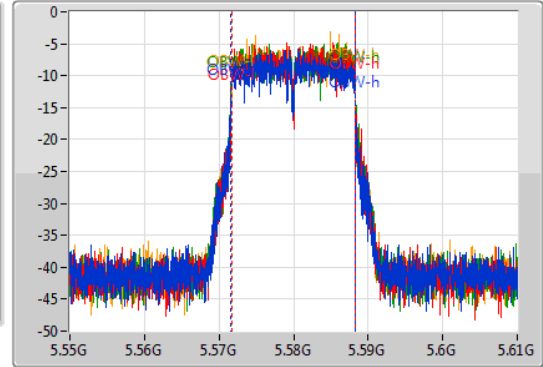
5580MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.56923G	5.59074G	16.672M	5.571604G	5.588276G	Inf	1
21.48M	5.56923G	5.59071G	16.582M	5.571664G	5.588246G	Inf	2
21.57M	5.56917G	5.59074G	16.702M	5.571604G	5.588306G	Inf	3
21.51M	5.56923G	5.59074G	16.612M	5.571664G	5.588276G	Inf	4

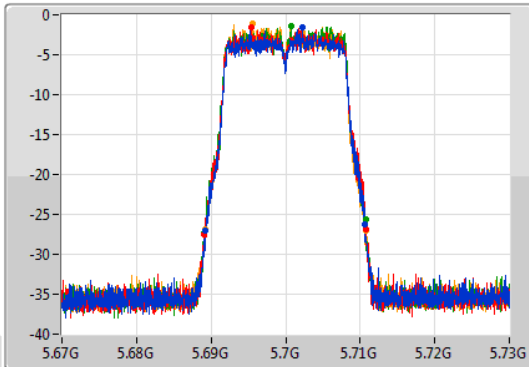
802.11a_Nss1,(6Mbps)_4TX

EBW

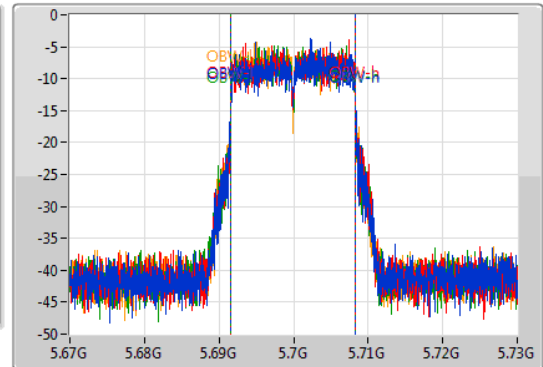
5700MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

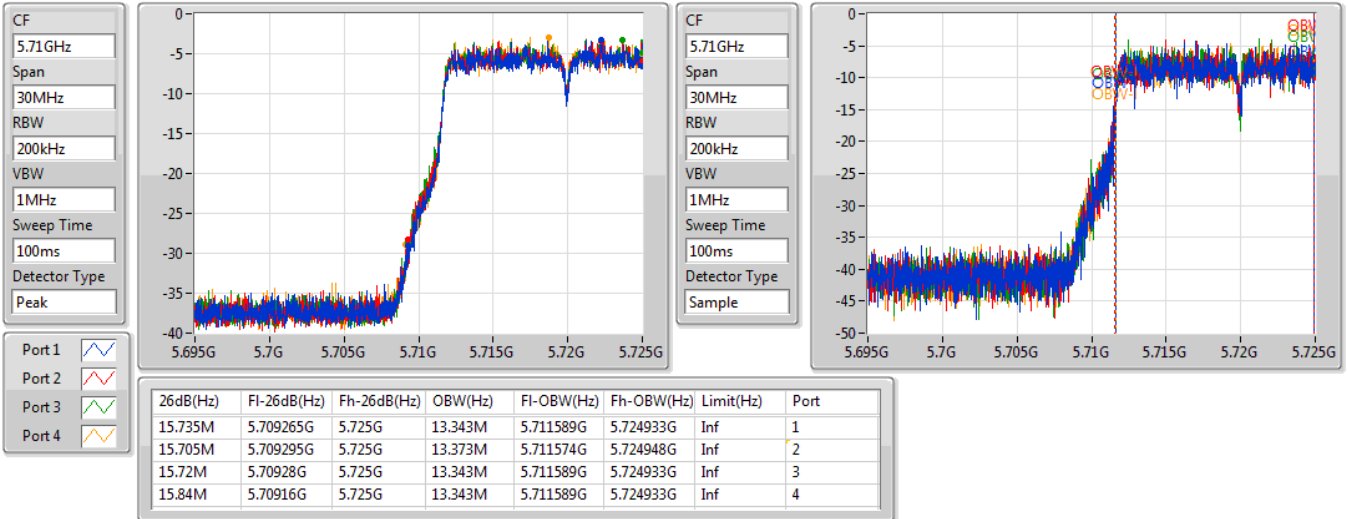
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.68929G	5.71065G	16.642M	5.691634G	5.708276G	Inf	1
21.78M	5.68908G	5.71086G	16.612M	5.691634G	5.708246G	Inf	2
21.66M	5.68911G	5.71077G	16.612M	5.691634G	5.708246G	Inf	3
21.57M	5.68929G	5.71086G	16.582M	5.691634G	5.708216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

09/11/2019

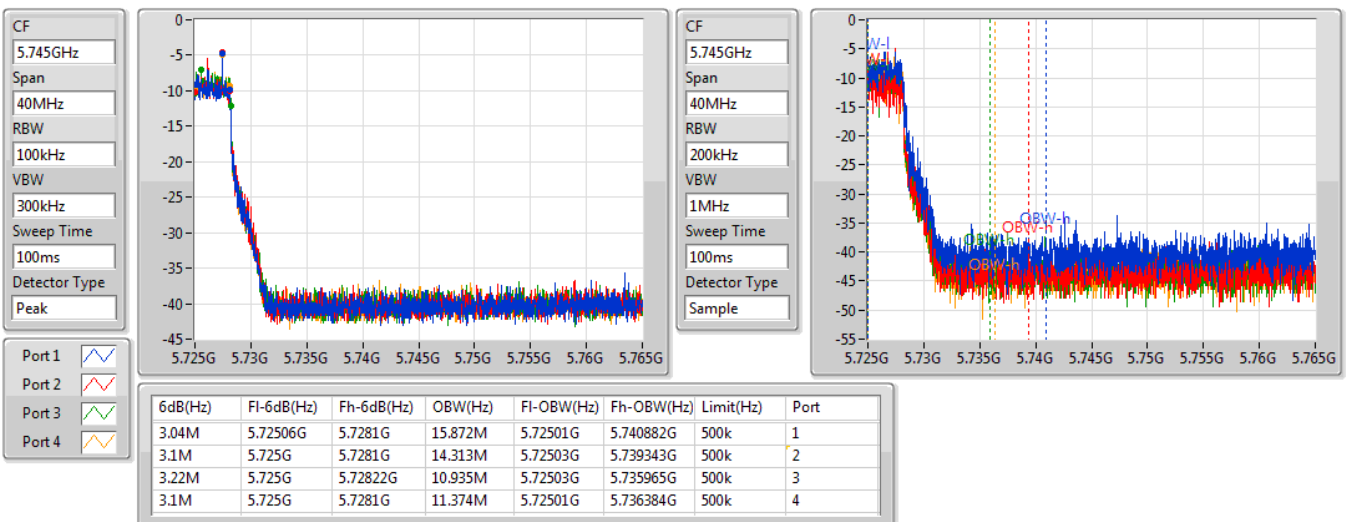


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/11/2019



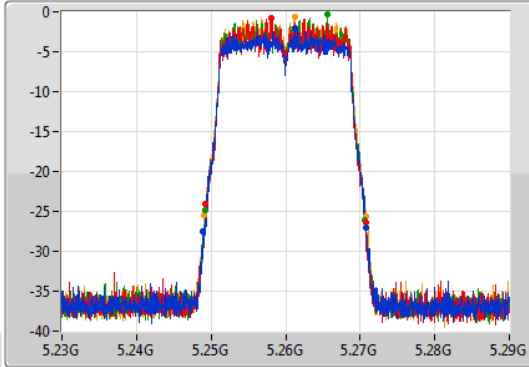
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

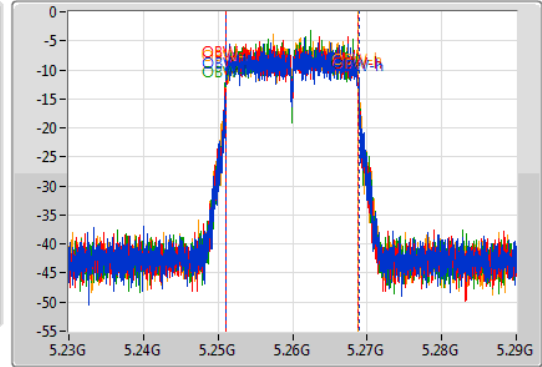
5260MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.24896G	5.27083G	17.841M	5.251034G	5.268876G	Inf	1
21.48M	5.24926G	5.27074G	17.811M	5.251004G	5.268816G	Inf	2
21.48M	5.2492G	5.27068G	17.811M	5.251034G	5.268846G	Inf	3
21.81M	5.24899G	5.2708G	17.781M	5.251034G	5.268816G	Inf	4

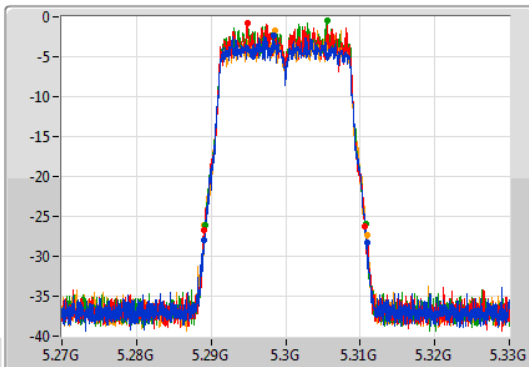
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

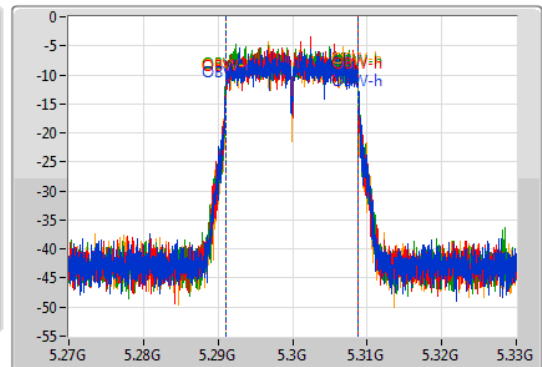
5300MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.28908G	5.31089G	17.811M	5.291034G	5.308846G	Inf	1
21.66M	5.28899G	5.31065G	17.781M	5.291034G	5.308816G	Inf	2
21.57M	5.28914G	5.31071G	17.781M	5.291034G	5.308816G	Inf	3
21.81M	5.28908G	5.31089G	17.751M	5.291034G	5.308786G	Inf	4

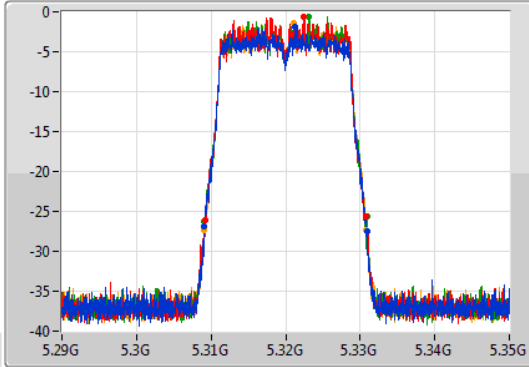
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.30902G	5.33089G	17.751M	5.311034G	5.328786G	Inf	1
21.51M	5.30923G	5.33074G	17.811M	5.311034G	5.328846G	Inf	2
21.84M	5.30911G	5.33095G	17.781M	5.311034G	5.328816G	Inf	3
21.81M	5.30902G	5.33083G	17.781M	5.311034G	5.328816G	Inf	4

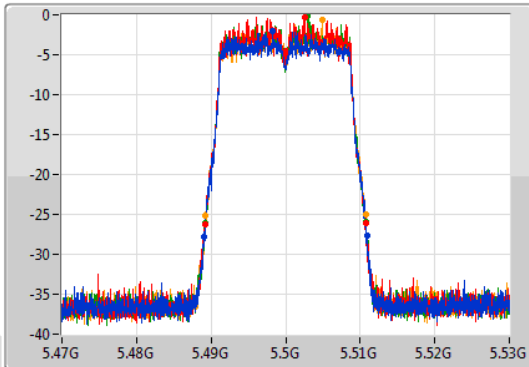
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

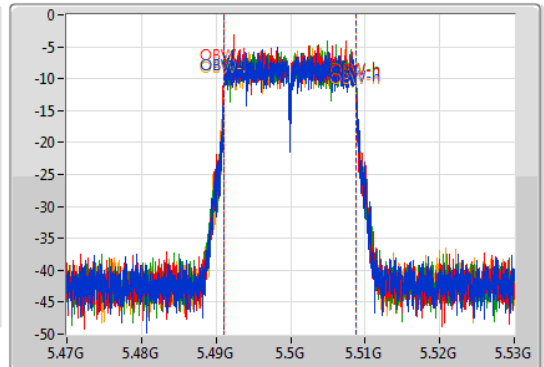
5500MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.48899G	5.51089G	17.781M	5.491064G	5.508846G	Inf	1
21.63M	5.48917G	5.5108G	17.811M	5.491004G	5.508816G	Inf	2
21.57M	5.48914G	5.51071G	17.811M	5.491034G	5.508846G	Inf	3
21.57M	5.4892G	5.51077G	17.811M	5.491004G	5.508816G	Inf	4

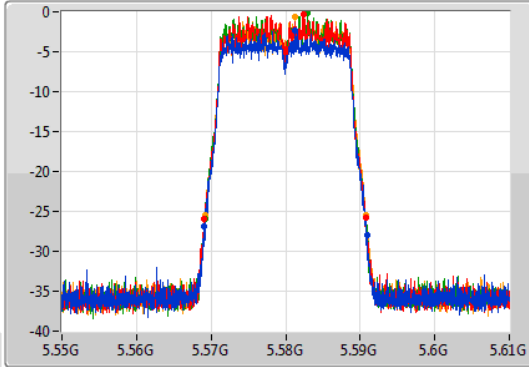
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

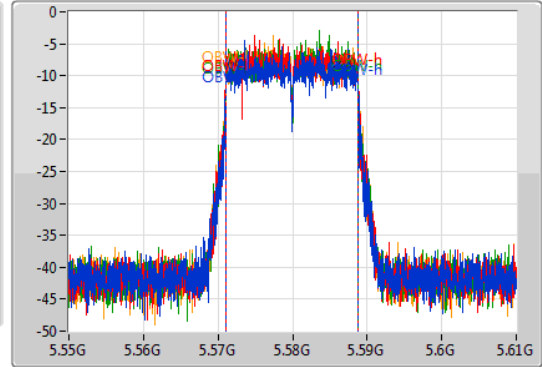
5580MHz

09/11/2019

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



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



Port 1
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
21.96M	5.56902G	5.59098G	17.811M	5.571034G	5.588846G	Inf	1
21.66M	5.56905G	5.59071G	17.811M	5.571034G	5.588846G	Inf	2
21.63M	5.56917G	5.5908G	17.781M	5.571034G	5.588816G	Inf	3
21.6M	5.56917G	5.59077G	17.811M	5.571004G	5.588816G	Inf	4

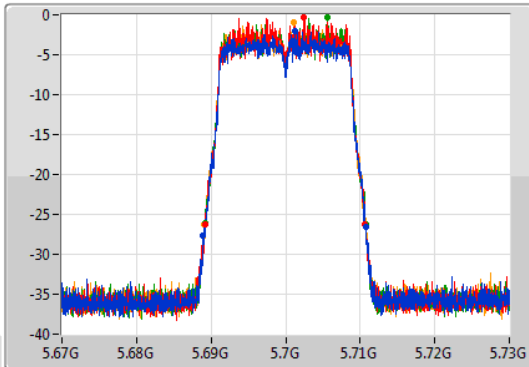
802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

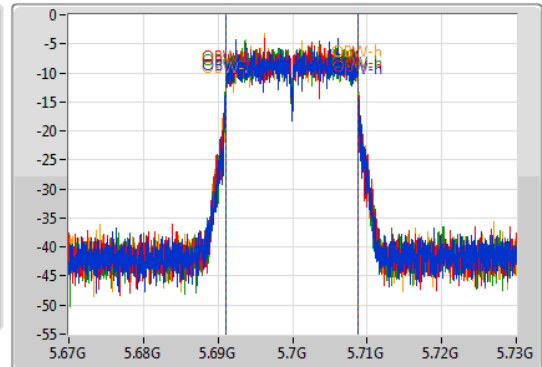
5700MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

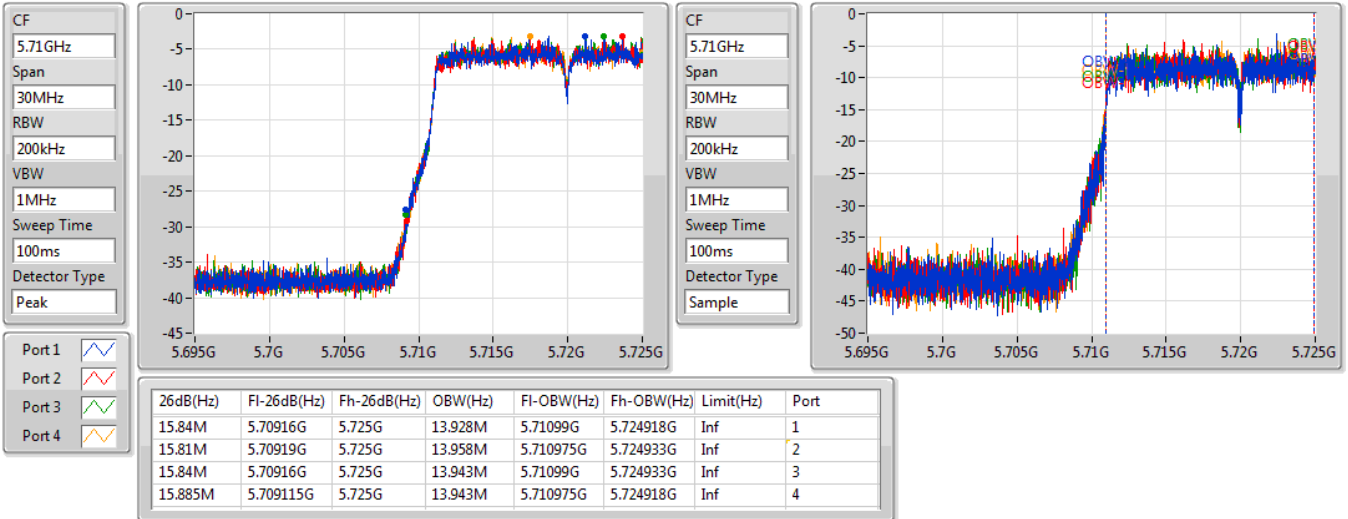
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.6889G	5.71083G	17.781M	5.691064G	5.708846G	Inf	1
21.54M	5.68914G	5.71068G	17.781M	5.691034G	5.708816G	Inf	2
21.51M	5.6892G	5.71071G	17.781M	5.691034G	5.708816G	Inf	3
21.72M	5.68908G	5.7108G	17.811M	5.691004G	5.708816G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

09/11/2019

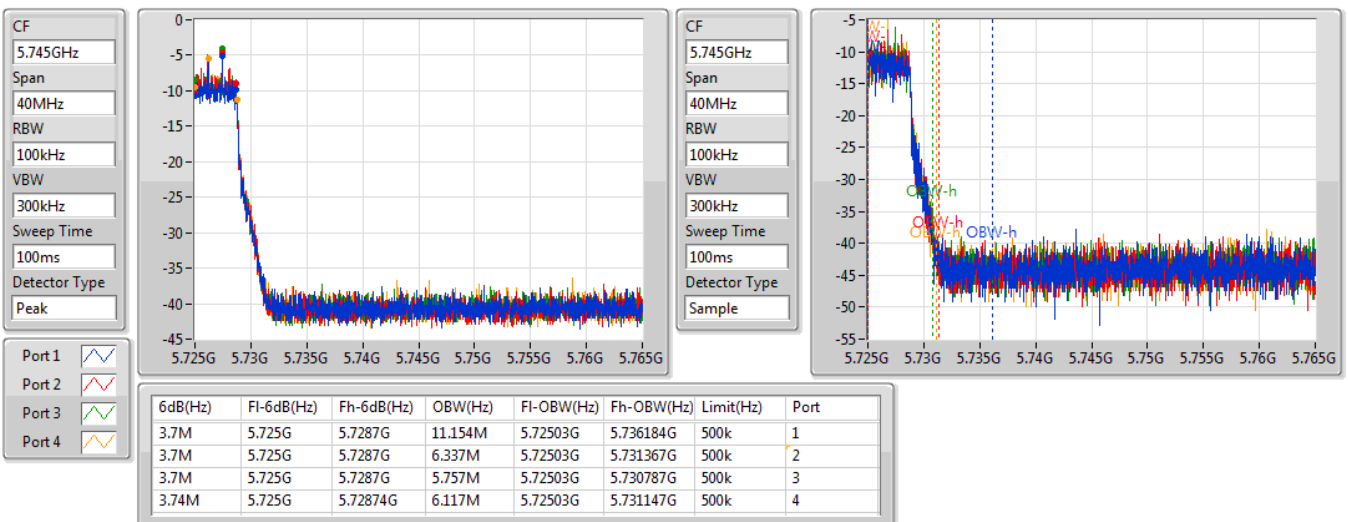


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/11/2019



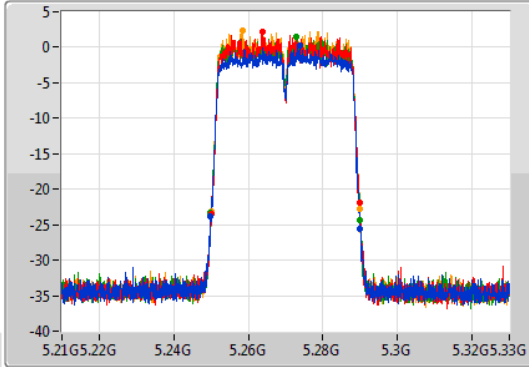
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

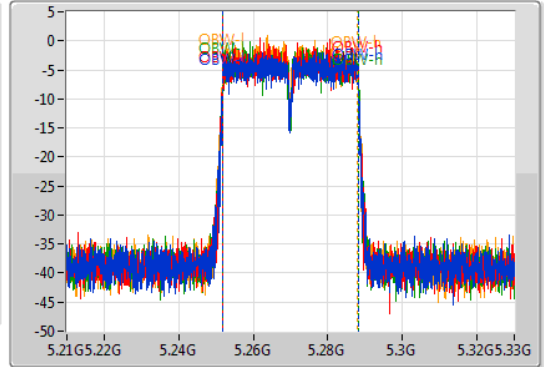
5270MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.24972G	5.28998G	36.282M	5.251769G	5.288051G	Inf	1
39.84M	5.24996G	5.2898G	36.282M	5.251769G	5.288051G	Inf	2
40.14M	5.2499G	5.29004G	36.282M	5.251829G	5.288111G	Inf	3
39.84M	5.25002G	5.28986G	36.222M	5.251769G	5.287991G	Inf	4

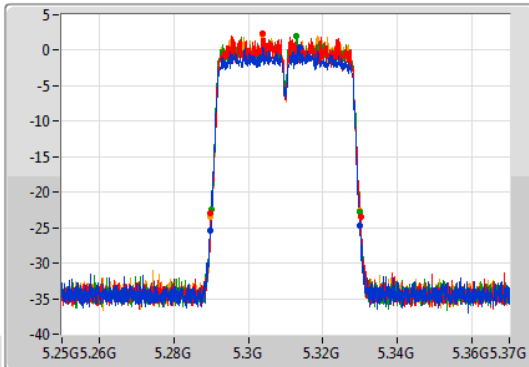
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.28966G	5.32998G	36.282M	5.291769G	5.328051G	Inf	1
40.2M	5.2899G	5.3301G	36.282M	5.291769G	5.328051G	Inf	2
40.02M	5.28996G	5.32998G	36.282M	5.291769G	5.328051G	Inf	3
39.96M	5.2899G	5.32986G	36.222M	5.291829G	5.328051G	Inf	4

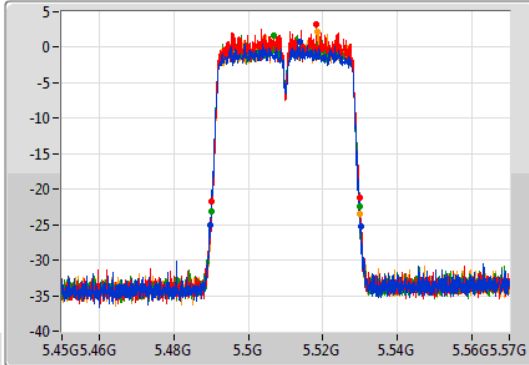
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

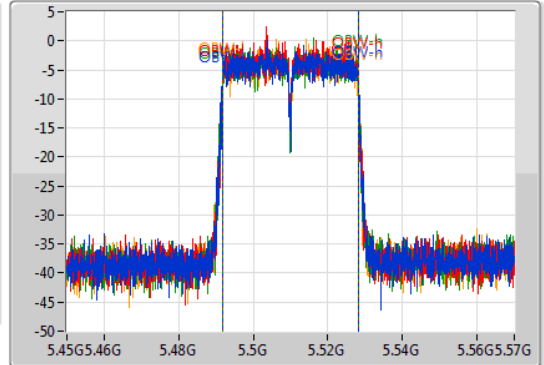
5510MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.48978G	5.53022G	36.342M	5.491709G	5.528051G	Inf	1
39.72M	5.49014G	5.52986G	36.222M	5.491829G	5.528051G	Inf	2
39.96M	5.48996G	5.52992G	36.342M	5.491769G	5.528111G	Inf	3
39.84M	5.49008G	5.52992G	36.282M	5.491769G	5.528051G	Inf	4

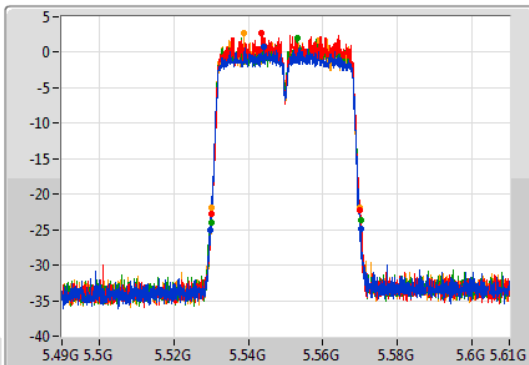
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

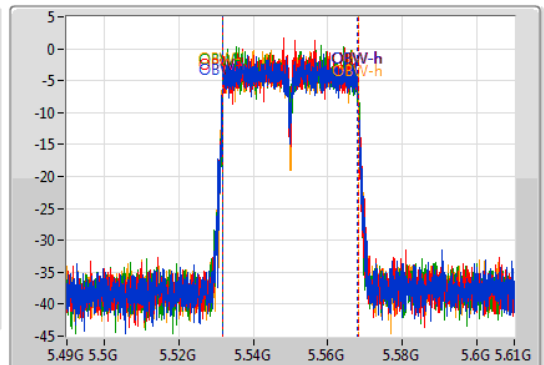
5550MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.52978G	5.5701G	36.222M	5.531769G	5.567991G	Inf	1
40.02M	5.53002G	5.57004G	36.222M	5.531829G	5.568051G	Inf	2
40.26M	5.52996G	5.57022G	36.282M	5.531829G	5.568111G	Inf	3
39.78M	5.53014G	5.56992G	36.342M	5.531769G	5.568111G	Inf	4

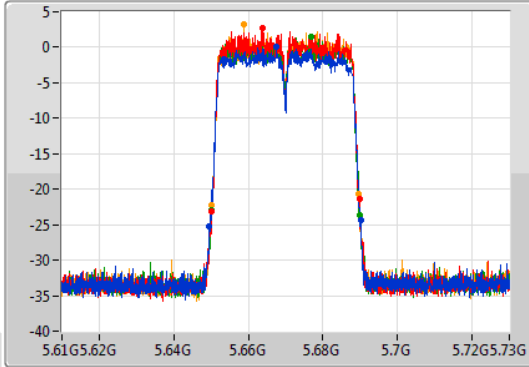
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

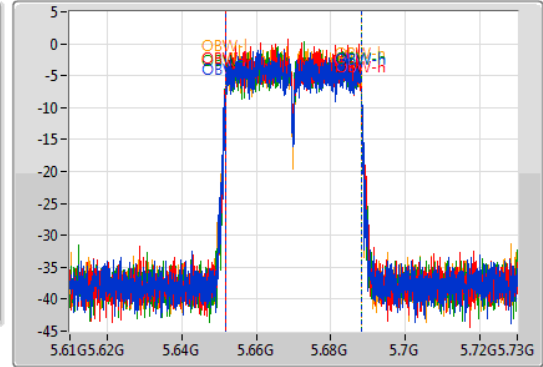
5670MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.64948G	5.69016G	36.342M	5.651709G	5.688051G	Inf	1
39.84M	5.65008G	5.68992G	36.282M	5.651769G	5.688051G	Inf	2
39.96M	5.65002G	5.68998G	36.282M	5.651769G	5.688051G	Inf	3
39.42M	5.65026G	5.68968G	36.342M	5.651709G	5.688051G	Inf	4

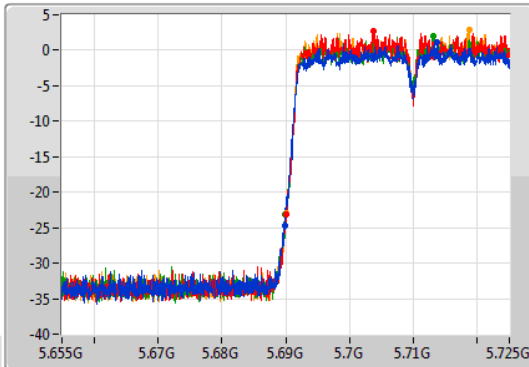
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

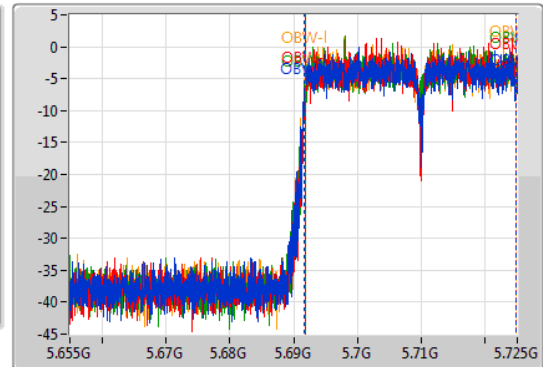
5710MHz Straddle 5.47-5.725GHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.023M	5.691749G	5.724773G	Inf	1
35M	5.69G	5.725G	33.023M	5.691819G	5.724843G	Inf	2
35.105M	5.689895G	5.725G	33.023M	5.691819G	5.724843G	Inf	3
34.895M	5.690105G	5.725G	33.023M	5.691784G	5.724808G	Inf	4

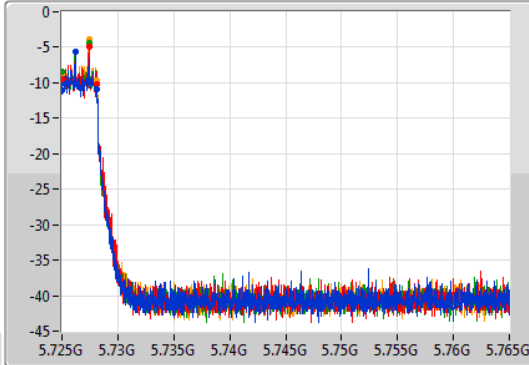
802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

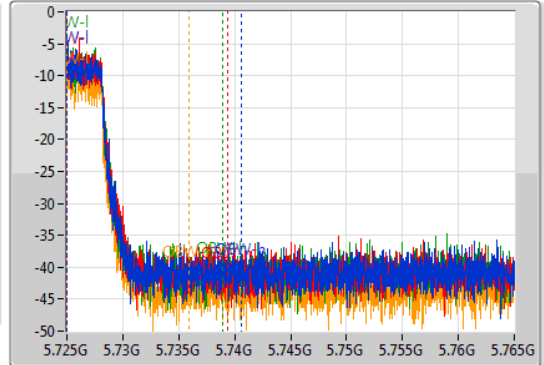
5710MHz Straddle 5.725-5.85GHz

09/11/2019

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



CF
5.745GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
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
3.1M	5.725G	5.7281G	15.532M	5.72503G	5.740562G	500k	1
3.1M	5.725G	5.7281G	14.333M	5.72503G	5.739363G	500k	2
3.1M	5.725G	5.7281G	13.913M	5.72501G	5.738923G	500k	3
3.1M	5.725G	5.7281G	10.875M	5.72501G	5.735885G	500k	4

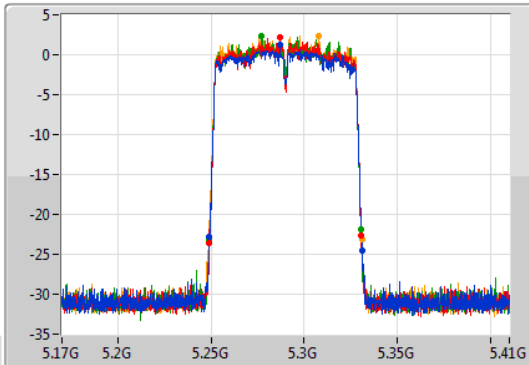
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

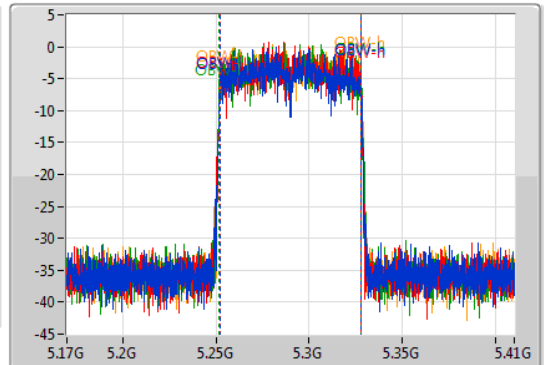
5290MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.24908G	5.33104G	75.802M	5.251979G	5.327781G	Inf	1
81.6M	5.24908G	5.33068G	75.922M	5.251979G	5.327901G	Inf	2
81.6M	5.24908G	5.33068G	76.042M	5.251859G	5.327901G	Inf	3
82.44M	5.24872G	5.33116G	75.802M	5.251979G	5.327781G	Inf	4

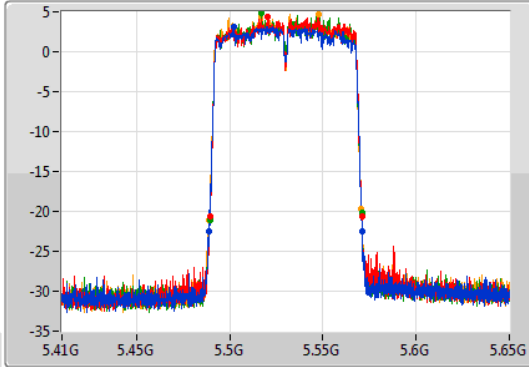
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

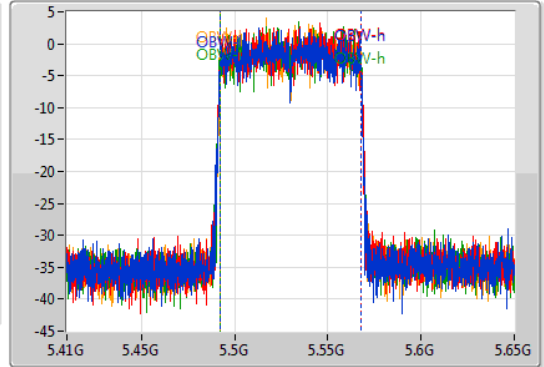
5530MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48884G	5.57116G	75.682M	5.492099G	5.567781G	Inf	1
81.48M	5.48932G	5.5708G	75.802M	5.492099G	5.567901G	Inf	2
81.6M	5.48932G	5.57092G	75.802M	5.491979G	5.567781G	Inf	3
81.72M	5.48896G	5.57068G	75.682M	5.491979G	5.567661G	Inf	4

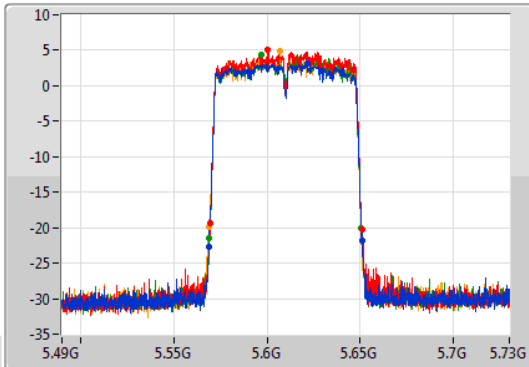
802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

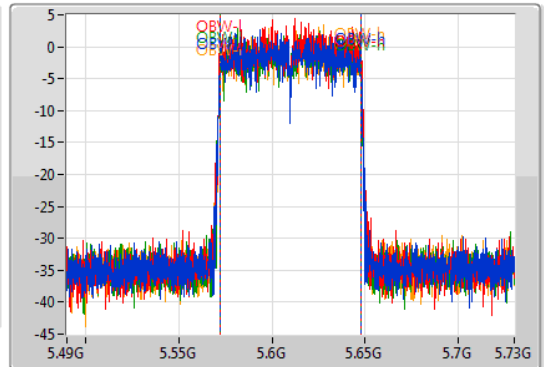
5610MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

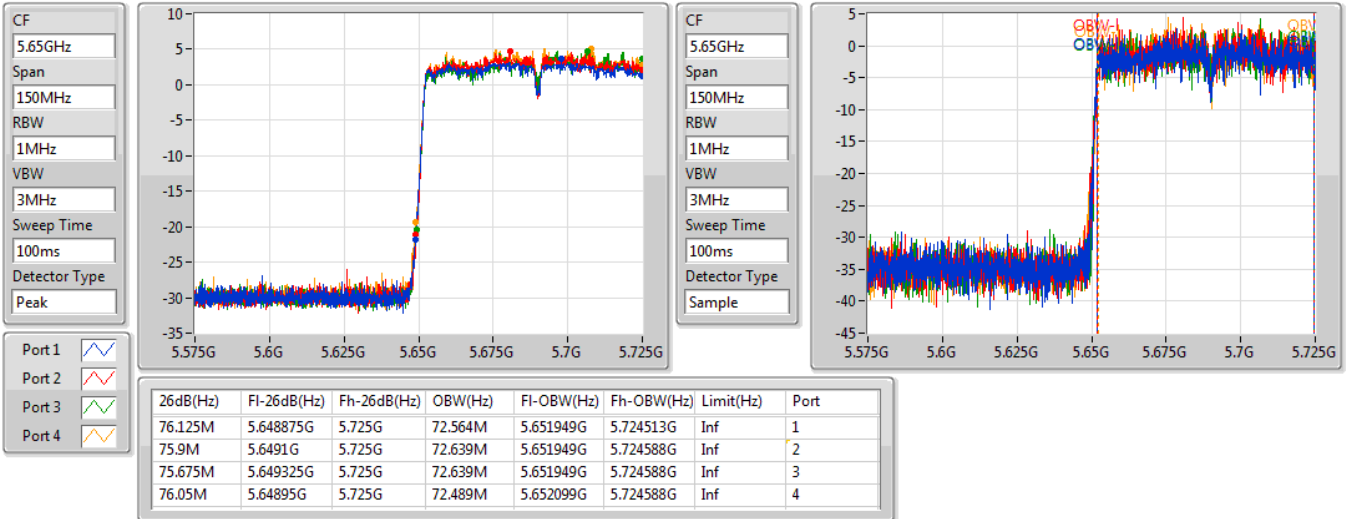
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56884G	5.65104G	75.682M	5.572099G	5.647781G	Inf	1
81.36M	5.56944G	5.6508G	75.922M	5.571979G	5.647901G	Inf	2
81.72M	5.56896G	5.65068G	75.802M	5.571979G	5.647781G	Inf	3
81.84M	5.56908G	5.65092G	75.802M	5.571979G	5.647781G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

09/11/2019

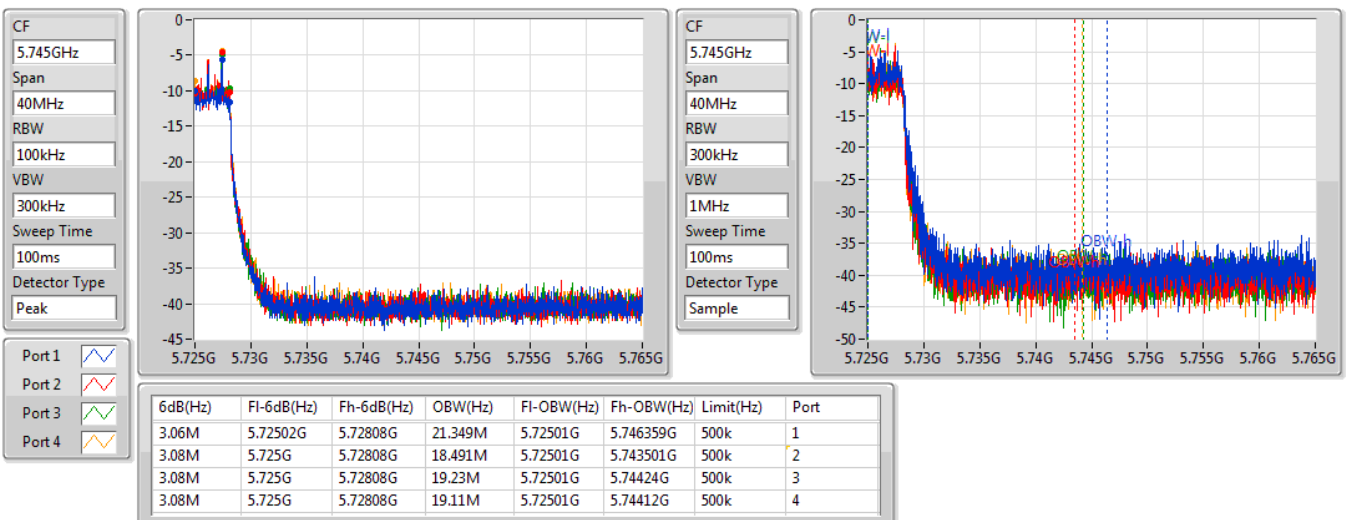


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

09/11/2019

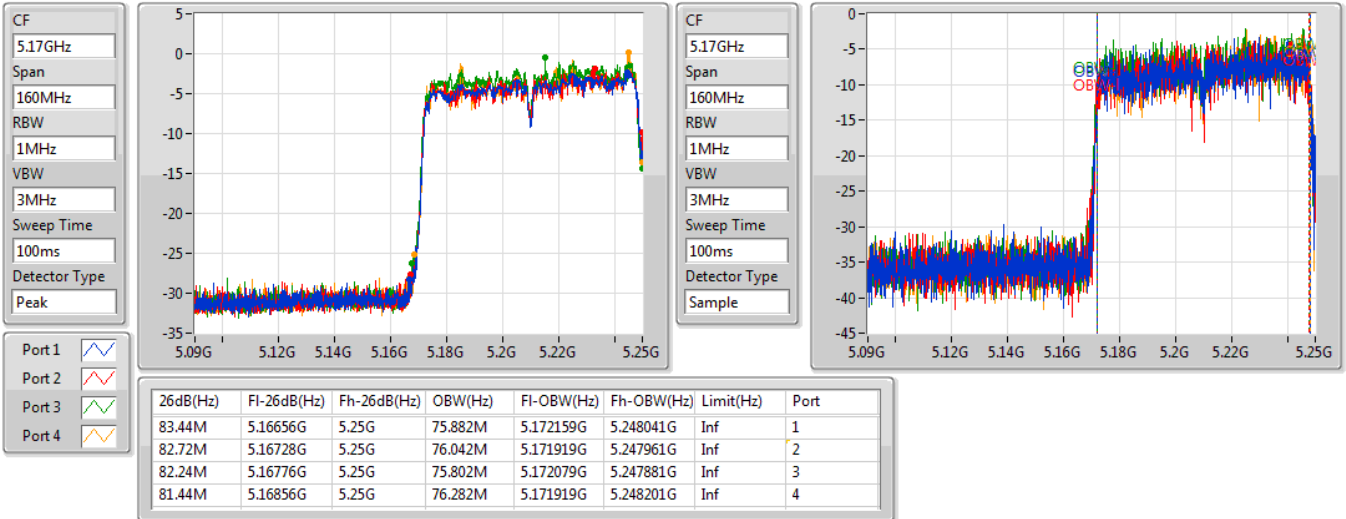


802.11ac VHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

09/11/2019

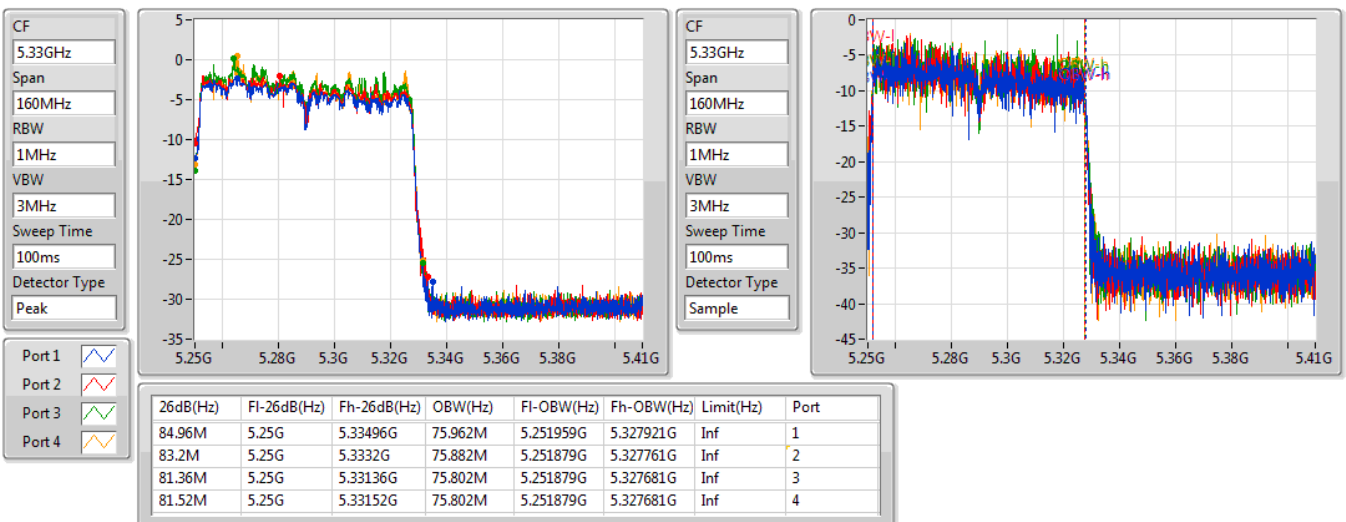


802.11ac VHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

09/11/2019



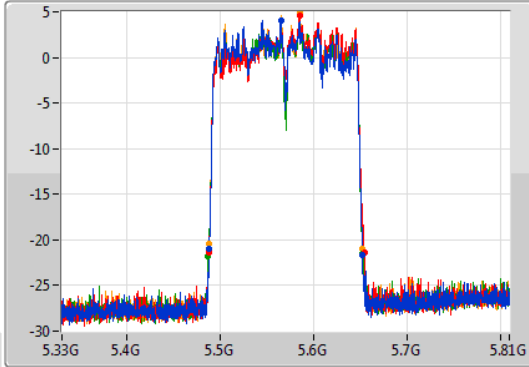
802.11ac VHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.16M	5.48816G	5.65232G	155.202M	5.492279G	5.647481G	Inf	1
166.32M	5.48816G	5.65448G	154.963M	5.492519G	5.647481G	Inf	2
165.84M	5.48696G	5.6528G	154.483M	5.492759G	5.647241G	Inf	3
164.88M	5.48768G	5.65256G	154.963M	5.492279G	5.647241G	Inf	4

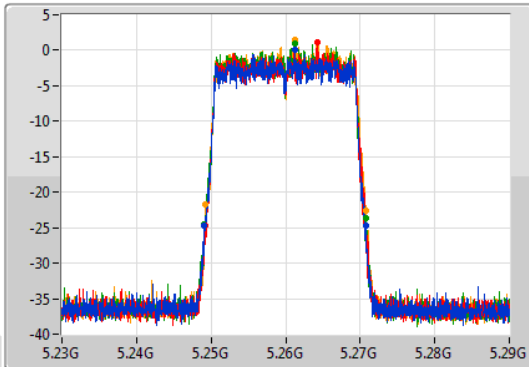
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

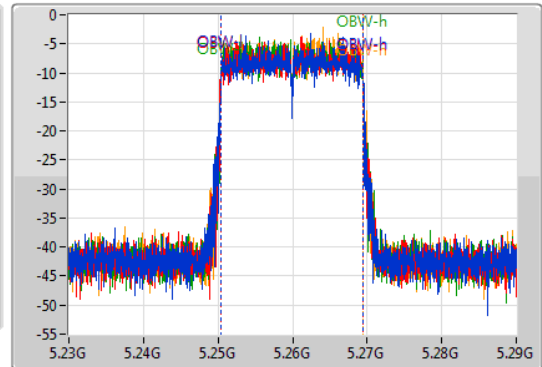
5260MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.24911G	5.2708G	18.981M	5.250435G	5.269415G	Inf	1
21.66M	5.24914G	5.2708G	18.981M	5.250435G	5.269415G	Inf	2
21.75M	5.24908G	5.27083G	18.981M	5.250435G	5.269415G	Inf	3
21.6M	5.24923G	5.27083G	18.951M	5.250465G	5.269415G	Inf	4

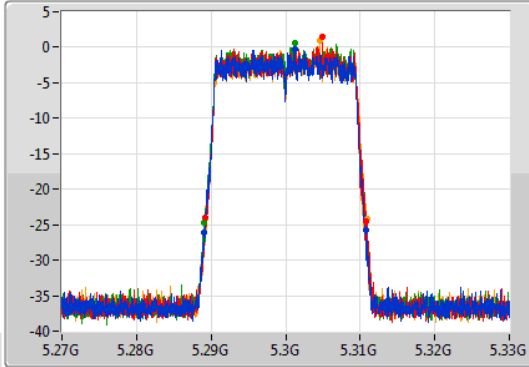
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

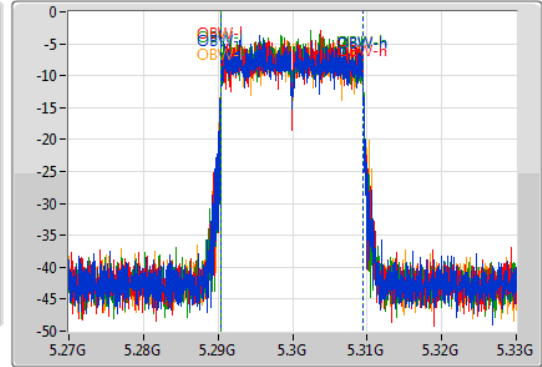
5300MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.28908G	5.31077G	19.04M	5.290405G	5.309445G	Inf	1
21.57M	5.28926G	5.31083G	18.981M	5.290435G	5.309415G	Inf	2
21.69M	5.28911G	5.3108G	18.981M	5.290435G	5.309415G	Inf	3
21.66M	5.28923G	5.31089G	18.951M	5.290435G	5.309385G	Inf	4

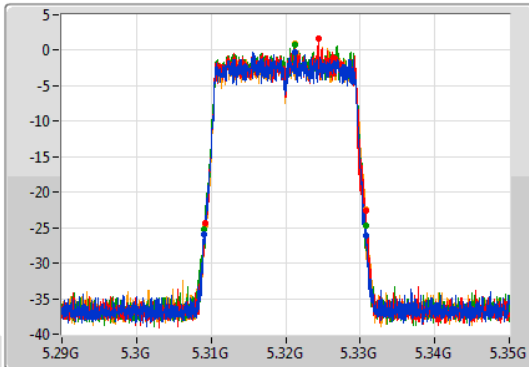
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.30899G	5.33086G	18.951M	5.310465G	5.329415G	Inf	1
21.54M	5.30917G	5.33071G	18.981M	5.310435G	5.329415G	Inf	2
21.75M	5.30908G	5.33083G	18.981M	5.310435G	5.329415G	Inf	3
21.6M	5.30914G	5.33074G	19.01M	5.310435G	5.329445G	Inf	4

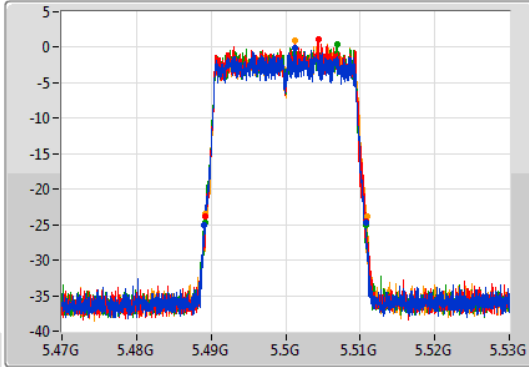
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

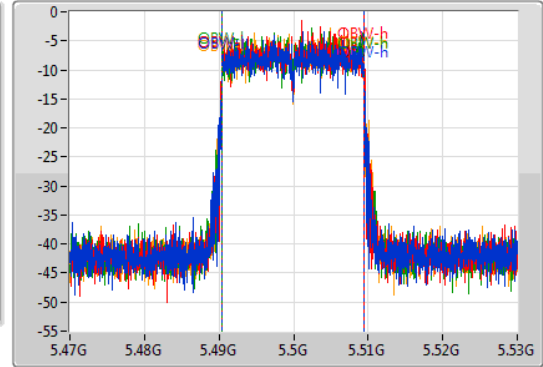
5500MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.48908G	5.5108G	18.981M	5.490435G	5.509415G	Inf	1
21.66M	5.4892G	5.51086G	18.981M	5.490435G	5.509415G	Inf	2
21.72M	5.48914G	5.51086G	18.981M	5.490435G	5.509415G	Inf	3
21.72M	5.4892G	5.51092G	18.981M	5.490435G	5.509415G	Inf	4

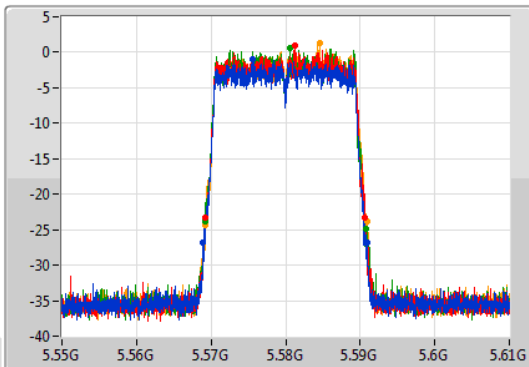
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

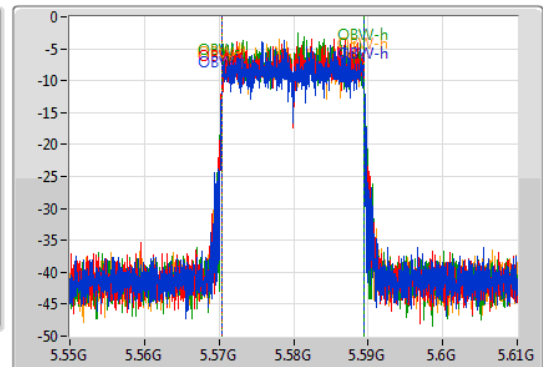
5580MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

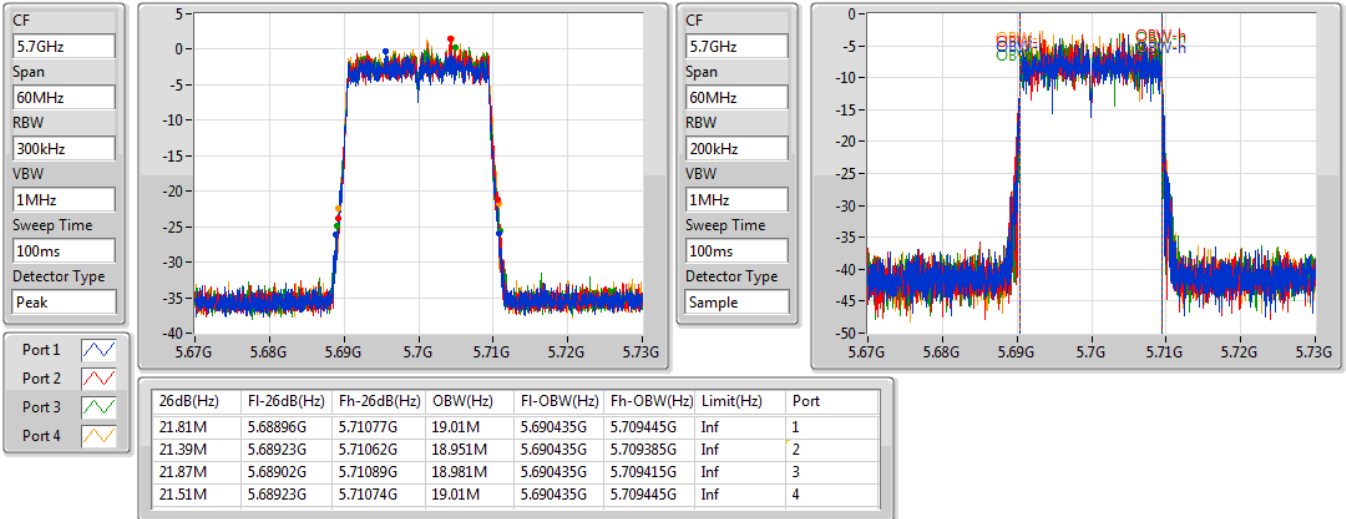
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.56896G	5.59092G	18.981M	5.570435G	5.589415G	Inf	1
21.45M	5.56923G	5.59068G	18.951M	5.570435G	5.589385G	Inf	2
21.72M	5.56914G	5.59086G	18.981M	5.570435G	5.589415G	Inf	3
21.66M	5.56923G	5.59089G	18.981M	5.570435G	5.589415G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5700MHz

09/11/2019

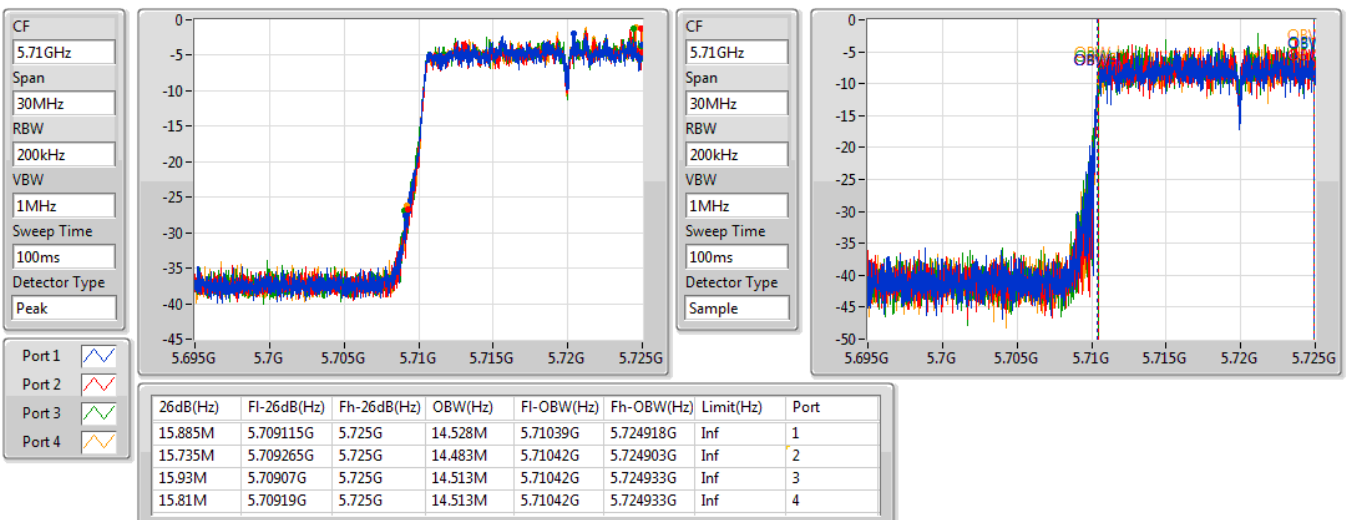


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

09/11/2019

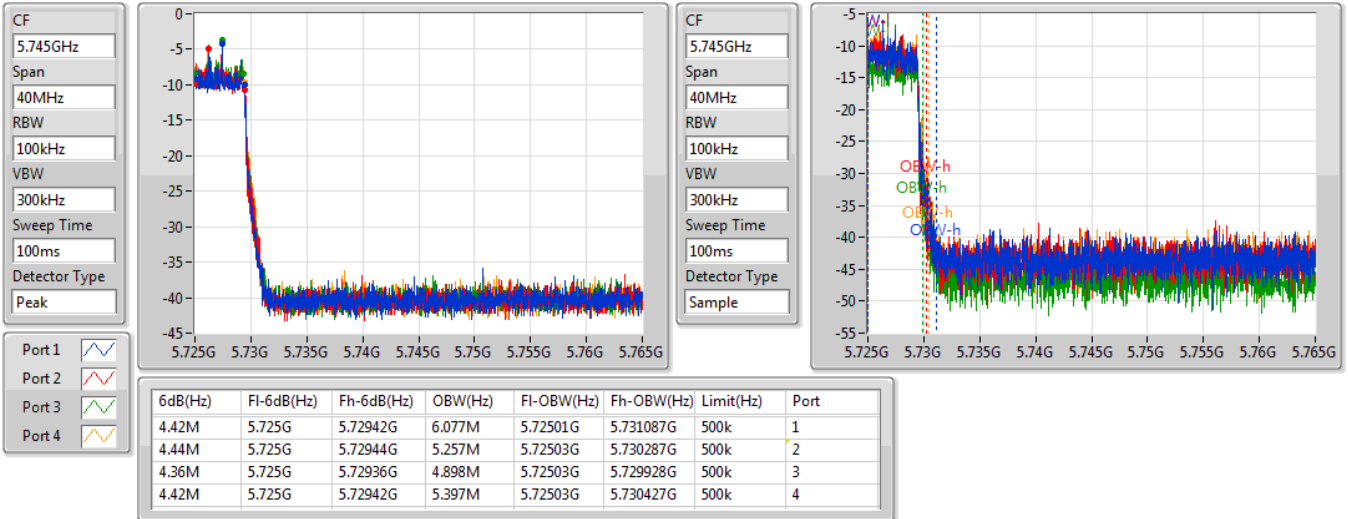


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/11/2019

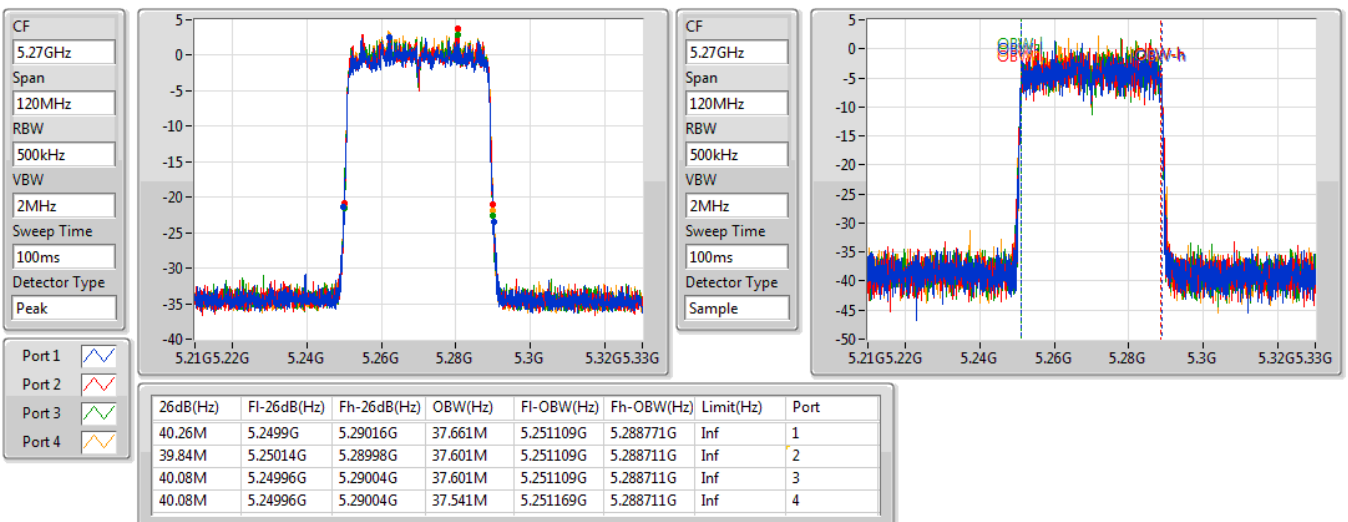


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5270MHz

09/11/2019



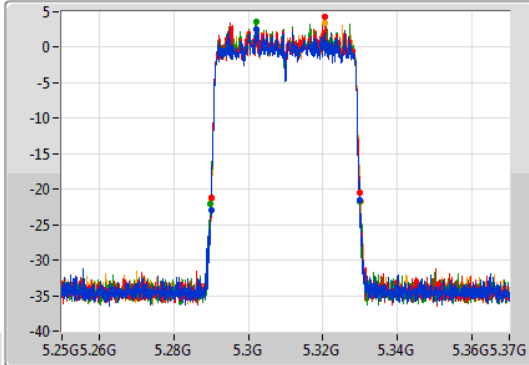
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

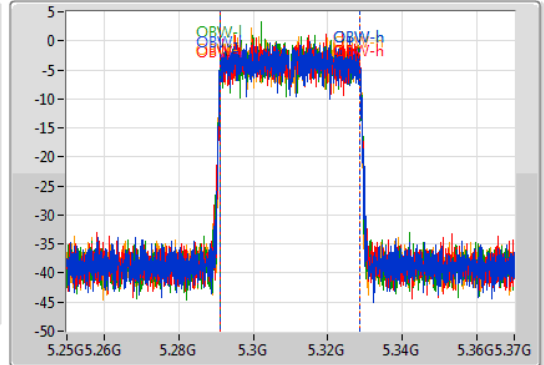
5310MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.28996G	5.32998G	37.541M	5.291049G	5.328591G	Inf	1
39.84M	5.29008G	5.32992G	37.601M	5.291109G	5.328711G	Inf	2
40.08M	5.28984G	5.32992G	37.481M	5.291169G	5.328651G	Inf	3
40.02M	5.29008G	5.3301G	37.661M	5.291049G	5.328711G	Inf	4

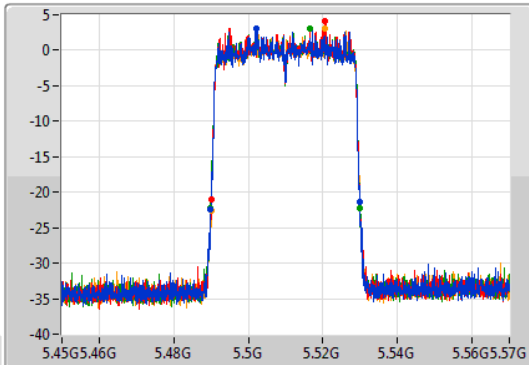
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

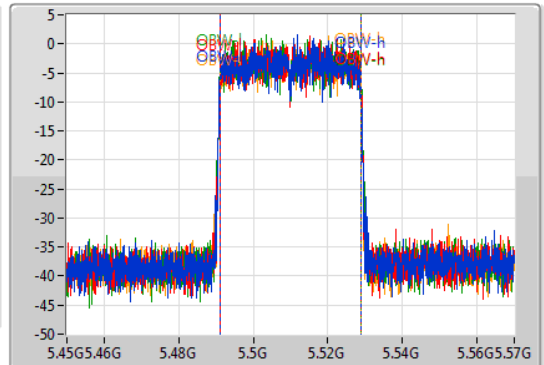
5510MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.4899G	5.52998G	37.601M	5.491169G	5.528771G	Inf	1
39.9M	5.49008G	5.52998G	37.601M	5.491169G	5.528771G	Inf	2
40.08M	5.48984G	5.52992G	37.721M	5.491049G	5.528771G	Inf	3
40.08M	5.48996G	5.53004G	37.661M	5.491109G	5.528771G	Inf	4

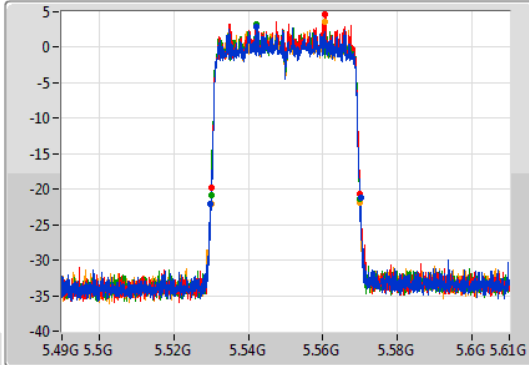
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

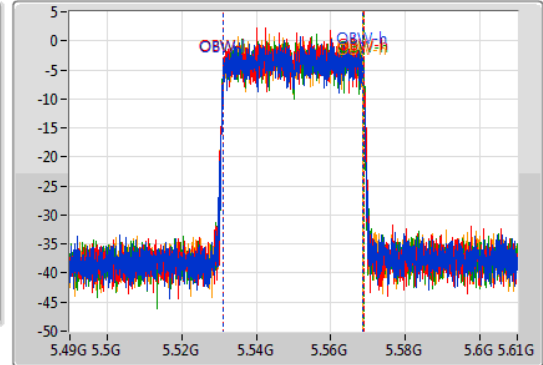
5550MHz

09/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.5299G	5.5701G	37.541M	5.531169G	5.568711G	Inf	1
39.78M	5.53008G	5.56986G	37.601M	5.531169G	5.568771G	Inf	2
39.96M	5.52996G	5.56992G	37.661M	5.531109G	5.568771G	Inf	3
40.08M	5.52996G	5.57004G	37.541M	5.531109G	5.568651G	Inf	4

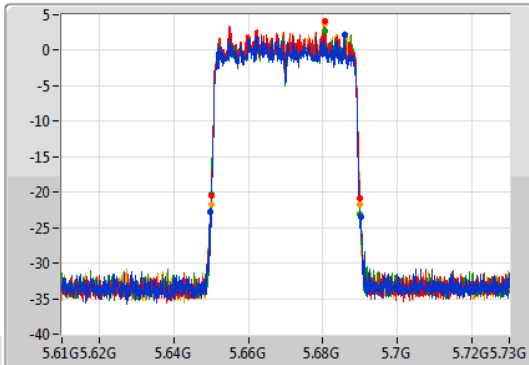
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

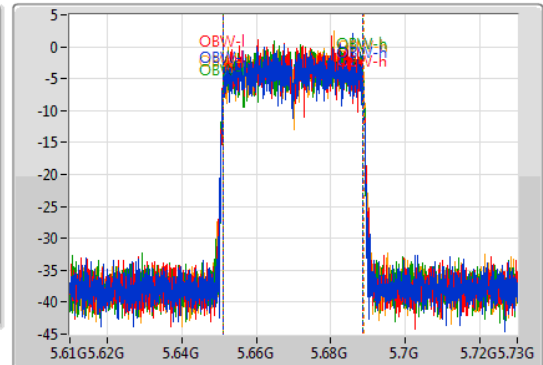
5670MHz

09/11/2019

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



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



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

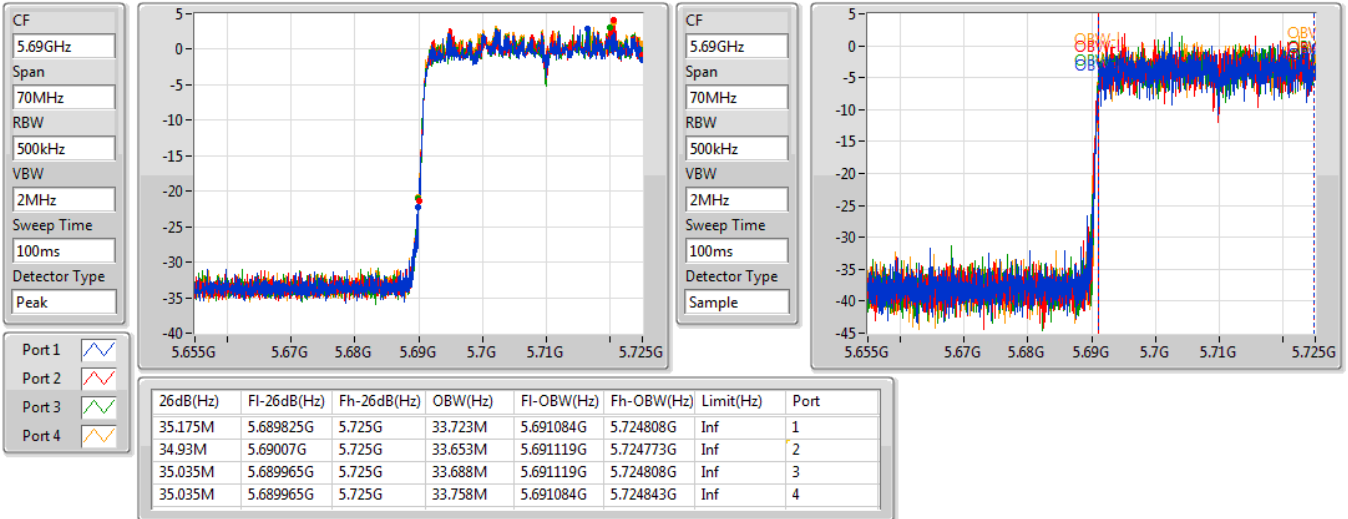
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.64972G	5.69022G	37.541M	5.651109G	5.688651G	Inf	1
39.84M	5.65008G	5.68992G	37.661M	5.651049G	5.688711G	Inf	2
40.02M	5.65002G	5.69004G	37.541M	5.651109G	5.688651G	Inf	3
40.08M	5.64996G	5.69004G	37.601M	5.651169G	5.688771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

09/11/2019

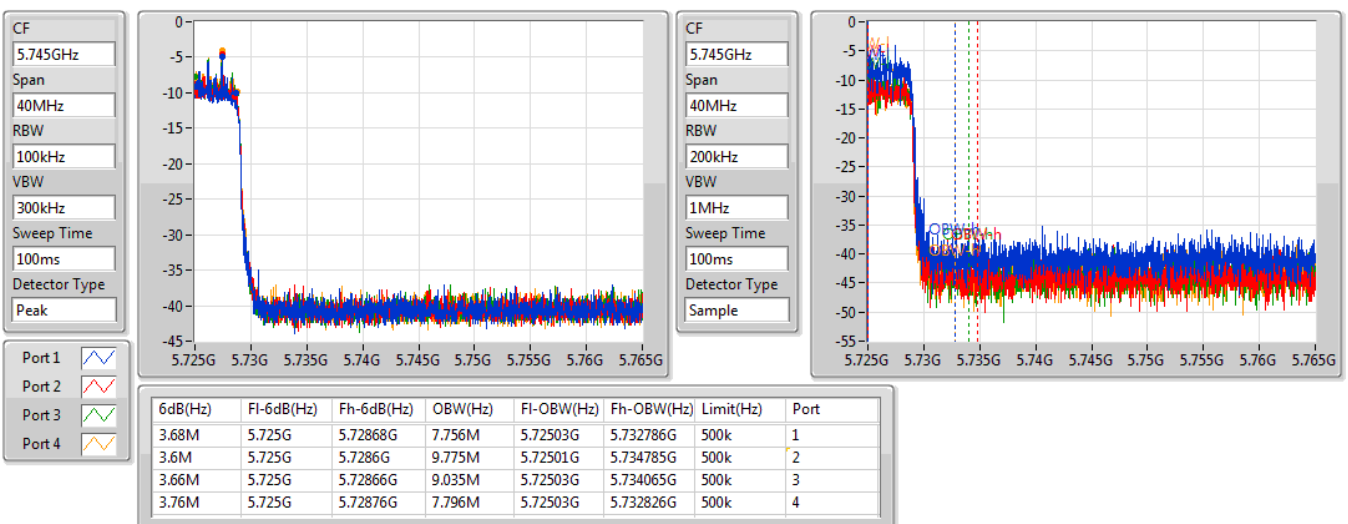


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

09/11/2019



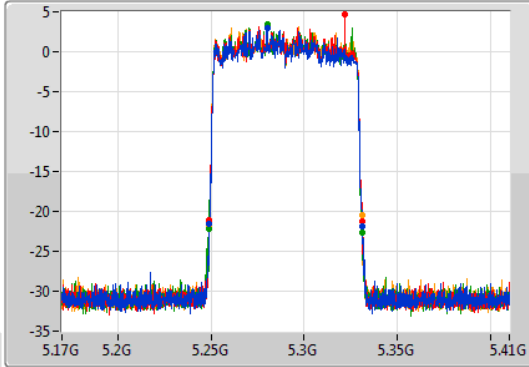
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

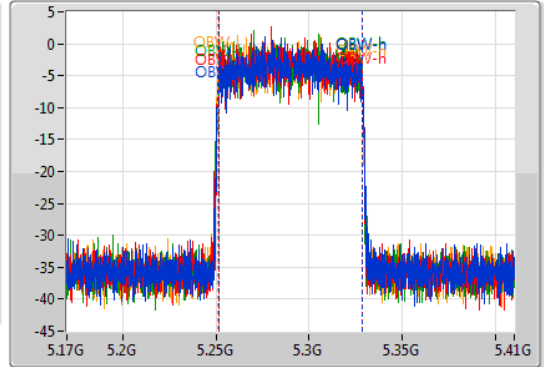
5290MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24908G	5.3314G	77.241M	5.251259G	5.328501G	Inf	1
82.2M	5.24908G	5.33128G	77.001M	5.251379G	5.328381G	Inf	2
81.96M	5.24884G	5.3308G	77.121M	5.251379G	5.328501G	Inf	3
81.84M	5.24896G	5.3308G	77.361M	5.251139G	5.328501G	Inf	4

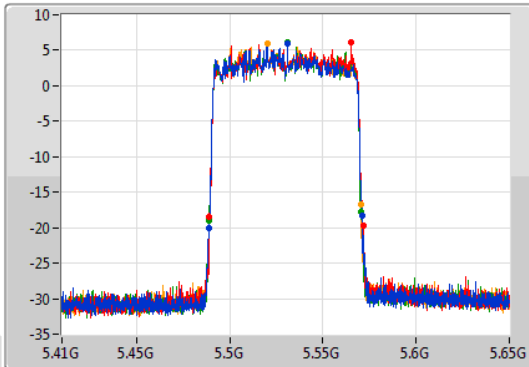
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

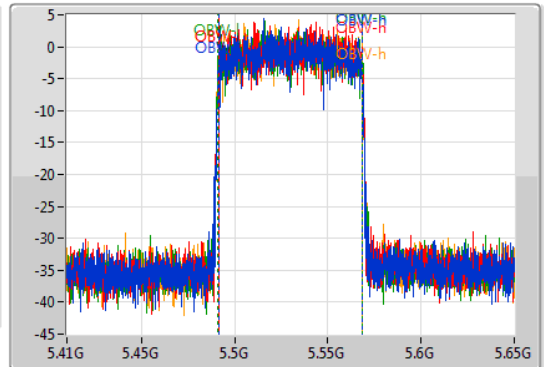
5530MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

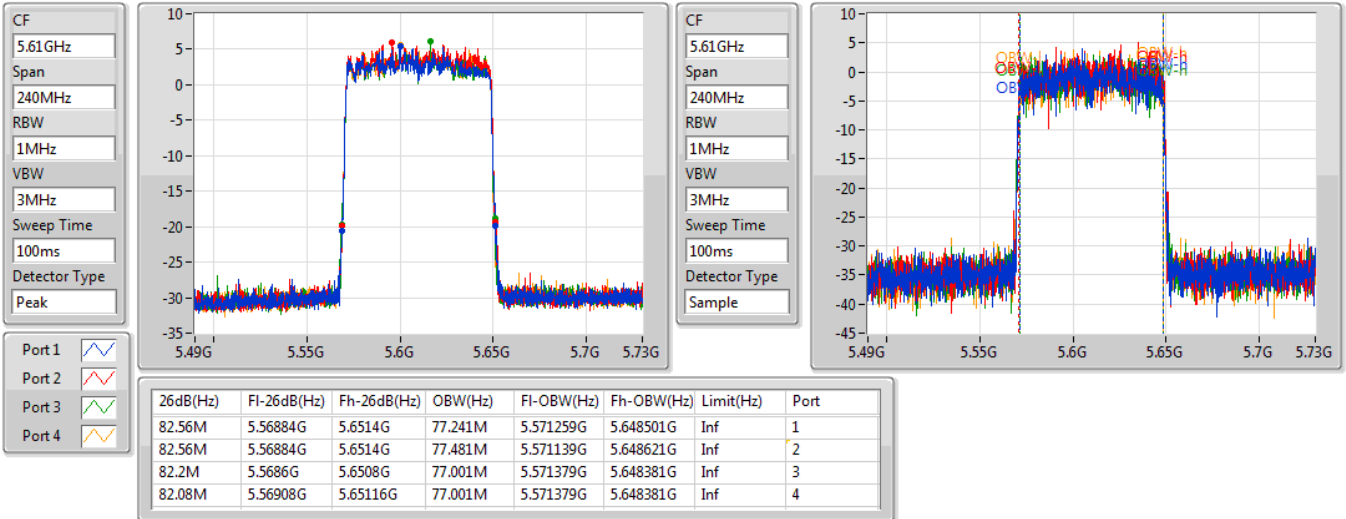
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48896G	5.57104G	77.121M	5.491379G	5.568501G	Inf	1
82.32M	5.4892G	5.57152G	77.241M	5.491259G	5.568501G	Inf	2
81.84M	5.48884G	5.57068G	77.481M	5.491139G	5.568621G	Inf	3
81.48M	5.48908G	5.57056G	76.882M	5.491499G	5.568381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5610MHz

09/11/2019

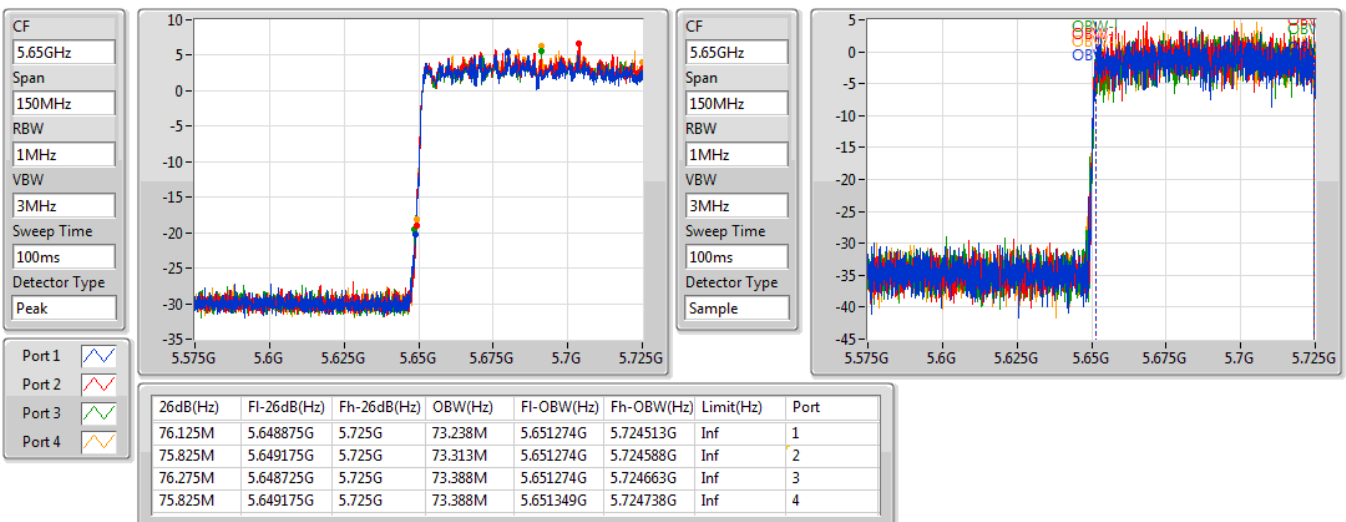


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

09/11/2019



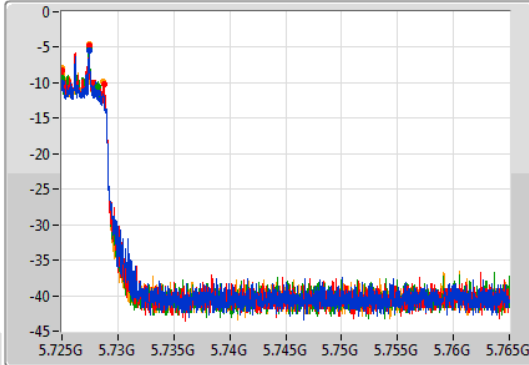
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

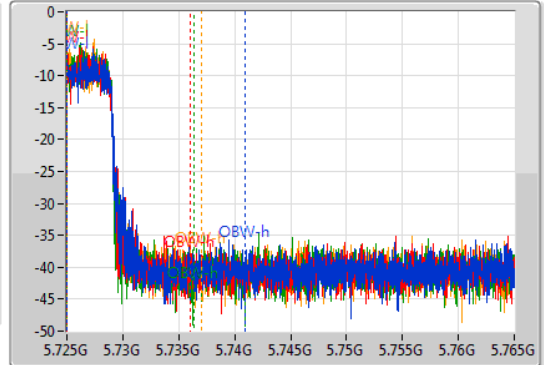
5690MHz Straddle 5.725-5.85GHz

09/11/2019

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



CF
5.745GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
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
3.24M	5.725G	5.72824G	15.932M	5.72501G	5.740942G	500k	1
3.74M	5.725G	5.72874G	10.995M	5.72503G	5.736024G	500k	2
3.24M	5.725G	5.72824G	11.354M	5.72501G	5.736364G	500k	3
3.68M	5.725G	5.72868G	12.074M	5.72501G	5.737084G	500k	4

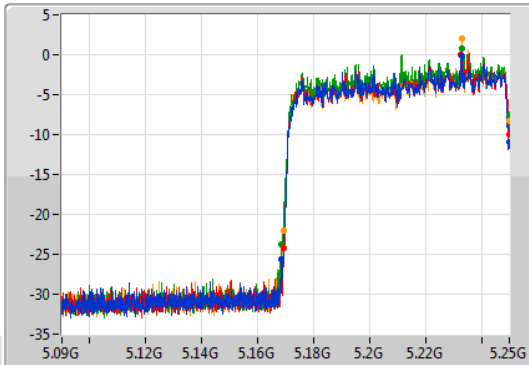
802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

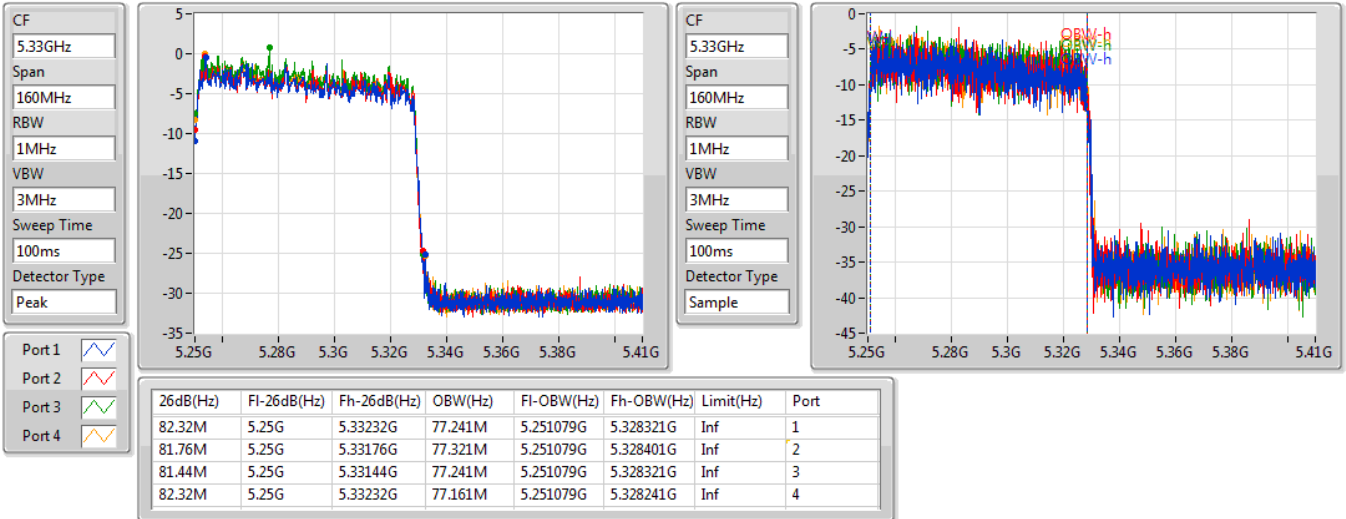
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.16864G	5.25G	77.481M	5.171359G	5.248841G	Inf	1
80.8M	5.1692G	5.25G	77.401M	5.171279G	5.248681G	Inf	2
81.68M	5.16832G	5.25G	77.321M	5.171439G	5.248761G	Inf	3
80.88M	5.16912G	5.25G	77.401M	5.171359G	5.248761G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

09/11/2019

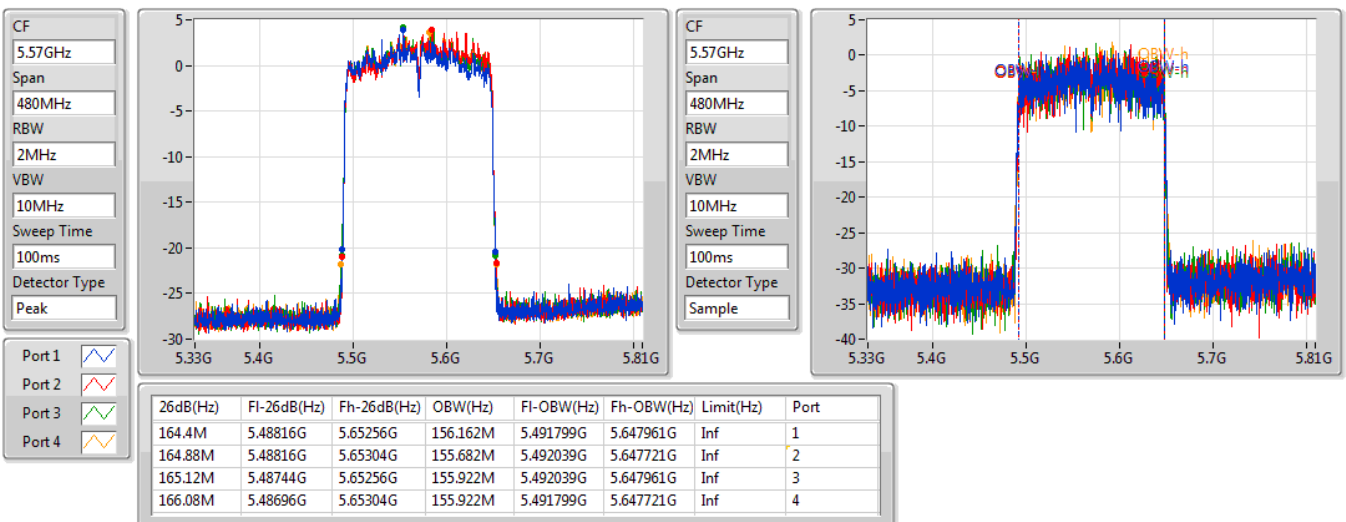


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5570MHz

09/11/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	82.72M	75.722M	75M7D1D	81.12M	75.642M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.52M	77.481M	77M5D1D	80.8M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.93M	17.811M	17M8D1D	21.57M	17.751M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.56M	36.402M	36M4D1D	39.9M	36.282M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.96M	75.922M	75M9D1D	81.48M	75.682M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	83.04M	75.802M	75M8D1D	80.96M	75.642M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.75M	19.04M	19M0D1D	21.39M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.32M	37.661M	37M7D1D	39.9M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.56M	77.481M	77M5D1D	81.72M	77.361M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82M	77.321M	77M3D1D	81.76M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.96M	17.871M	17M9D1D	15.78M	13.928M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.68M	36.462M	36M5D1D	35M	33.023M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.08M	75.922M	75M9D1D	75.675M	72.414M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	165.6M	154.483M	154MD1D	163.44M	154.003M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.75M	19.04M	19M0D1D	15.72M	14.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.781M	37M8D1D	35M	33.688M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	84.36M	77.721M	77M7D1D	75.9M	73.163M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	155.682M	156MD1D	164.4M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.76M	19.25M	19M2D1D	3.72M	5.297M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.14M	30.225M	30M2D1D	3.08M	22.129M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.12M	5.097M	5M10D1D	3.1M	3.878M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.46M	11.574M	11M6D1D	4.4M	4.798M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.8M	26.787M	26M8D1D	3.7M	16.132M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.82M	33.863M	33M9D1D	3.7M	28.826M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.93M	17.811M	21.6M	17.811M	21.57M	17.781M	21.78M	17.781M
5300MHz	Pass	Inf	21.93M	17.811M	21.63M	17.751M	21.63M	17.811M	21.69M	17.781M
5320MHz	Pass	Inf	21.84M	17.781M	21.6M	17.751M	21.6M	17.811M	21.78M	17.781M
5500MHz	Pass	Inf	21.81M	17.721M	21.66M	17.811M	21.6M	17.811M	21.78M	17.811M
5580MHz	Pass	Inf	21.81M	17.841M	21.78M	17.811M	21.6M	17.781M	21.9M	17.841M
5700MHz	Pass	Inf	21.96M	17.781M	21.48M	17.781M	21.66M	17.871M	21.87M	17.811M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.84M	13.958M	15.81M	13.928M	15.96M	13.928M	15.78M	14.003M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	14.853M	3.72M	5.297M	3.72M	16.032M	3.76M	19.25M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.38M	36.282M	39.96M	36.342M	40.08M	36.342M	40.2M	36.342M
5310MHz	Pass	Inf	40.56M	36.402M	39.9M	36.282M	39.96M	36.402M	40.14M	36.402M
5510MHz	Pass	Inf	40.56M	36.342M	39.96M	36.342M	40.02M	36.342M	40.02M	36.342M
5550MHz	Pass	Inf	40.56M	36.342M	40.08M	36.462M	39.96M	36.342M	39.96M	36.402M
5670MHz	Pass	Inf	40.68M	36.462M	39.6M	36.222M	39.84M	36.402M	40.02M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.49M	33.058M	35M	33.023M	35.14M	33.058M	35.175M	33.128M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	29.485M	3.12M	22.129M	3.08M	30.225M	3.1M	30.165M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	75.922M	81.48M	75.682M	81.48M	75.802M	81.96M	75.682M
5530MHz	Pass	Inf	82.08M	75.682M	81.36M	75.802M	81.6M	75.682M	81.6M	75.562M
5610MHz	Pass	Inf	81.96M	75.682M	81.6M	75.682M	81.36M	75.922M	81.84M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	72.489M	75.675M	72.639M	75.675M	72.414M	76.425M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	4.438M	3.12M	3.878M	3.12M	4.618M	3.1M	5.097M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	75.642M	81.28M	75.642M	82.72M	75.722M	81.12M	75.642M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.76M	75.642M	83.04M	75.802M	81.2M	75.722M	80.96M	75.722M
5570MHz	Pass	Inf	163.92M	154.003M	165.36M	154.243M	165.6M	154.483M	163.44M	154.243M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.69M	18.981M	21.72M	18.981M	21.57M	18.951M	21.6M	18.981M
5300MHz	Pass	Inf	21.6M	19.01M	21.57M	19.01M	21.69M	18.981M	21.6M	18.951M
5320MHz	Pass	Inf	21.75M	18.981M	21.51M	19.04M	21.39M	18.951M	21.69M	18.981M
5500MHz	Pass	Inf	21.66M	18.981M	21.51M	18.981M	21.48M	18.951M	21.75M	18.981M
5580MHz	Pass	Inf	21.63M	18.981M	21.42M	18.981M	21.54M	19.01M	21.57M	18.981M
5700MHz	Pass	Inf	21.6M	19.01M	21.57M	18.951M	21.69M	18.981M	21.75M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.513M	15.72M	14.513M	15.765M	14.498M	15.765M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	7.996M	4.44M	4.798M	4.4M	8.896M	4.46M	11.574M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.601M	40.02M	37.661M	40.26M	37.661M	40.2M	37.661M
5310MHz	Pass	Inf	40.02M	37.601M	39.9M	37.661M	40.32M	37.661M	40.14M	37.661M
5510MHz	Pass	Inf	40.14M	37.601M	39.84M	37.721M	40.02M	37.661M	40.08M	37.661M
5550MHz	Pass	Inf	39.9M	37.601M	39.78M	37.661M	40.14M	37.541M	40.08M	37.601M
5670MHz	Pass	Inf	40.08M	37.661M	39.78M	37.661M	39.84M	37.661M	40.08M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.688M	35M	33.758M	35.105M	33.758M	35.105M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	24.248M	3.8M	16.132M	3.8M	25.347M	3.7M	26.787M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.361M	82.56M	77.361M	82.08M	77.481M	81.72M	77.361M
5530MHz	Pass	Inf	82.56M	77.481M	82.08M	77.361M	82.2M	77.361M	81.96M	77.601M
5610MHz	Pass	Inf	82.32M	77.481M	82.2M	77.241M	82.56M	77.721M	84.36M	77.721M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.463M	75.9M	73.163M	76.05M	73.538M	76.275M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	32.084M	3.78M	28.826M	3.82M	32.624M	3.74M	33.863M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.481M	80.88M	77.321M	81.52M	77.481M	81.52M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82M	77.321M	81.92M	77.321M	81.76M	77.161M	81.84M	77.321M
5570MHz	Pass	Inf	164.4M	155.202M	164.64M	155.442M	165.12M	154.963M	164.88M	155.682M

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

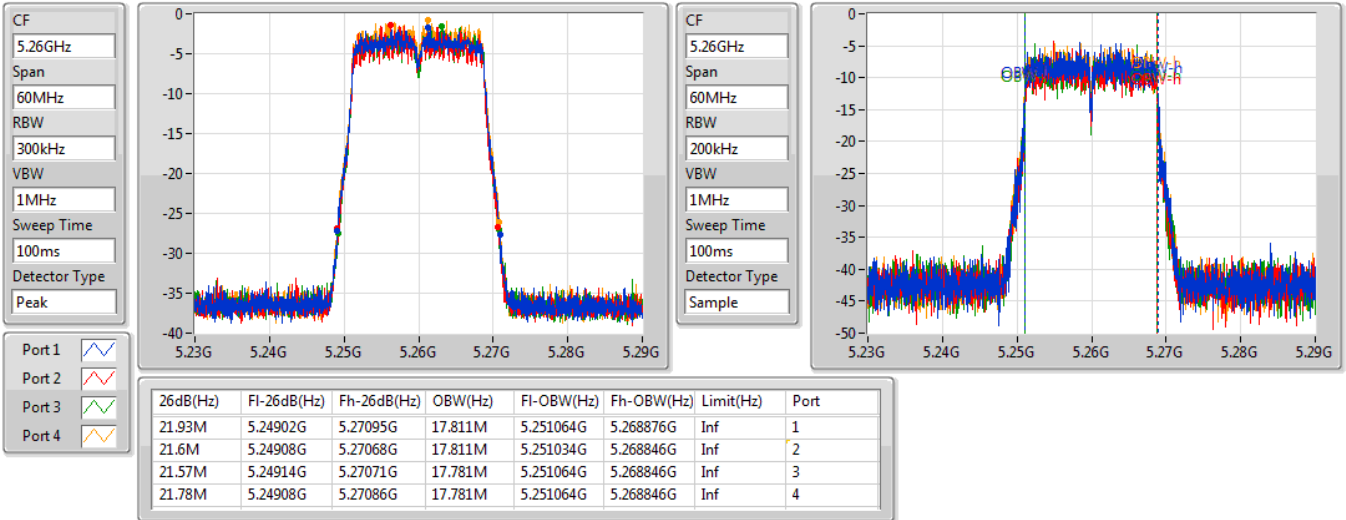
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

12/11/2019

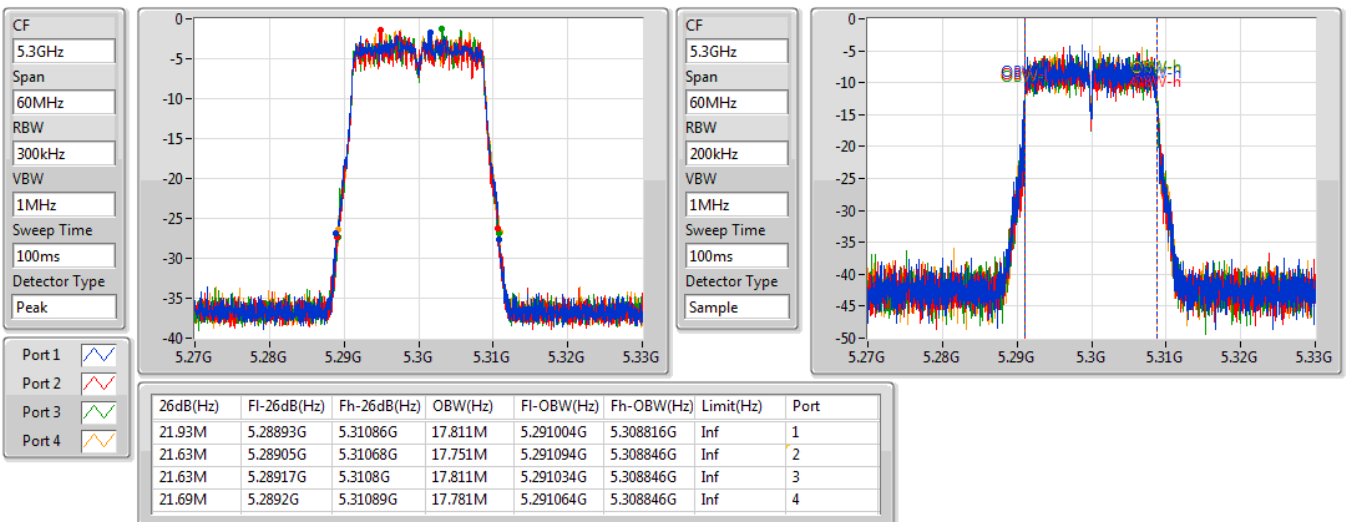


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5300MHz

12/11/2019



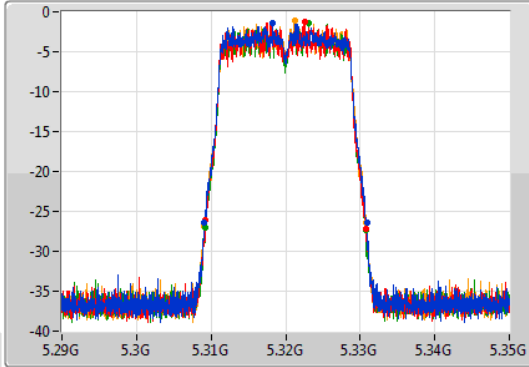
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5320MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.30905G	5.33089G	17.781M	5.311064G	5.328846G	Inf	1
21.6M	5.3092G	5.3308G	17.751M	5.311094G	5.328846G	Inf	2
21.6M	5.30917G	5.33077G	17.811M	5.311064G	5.328876G	Inf	3
21.78M	5.30908G	5.33086G	17.781M	5.311064G	5.328846G	Inf	4

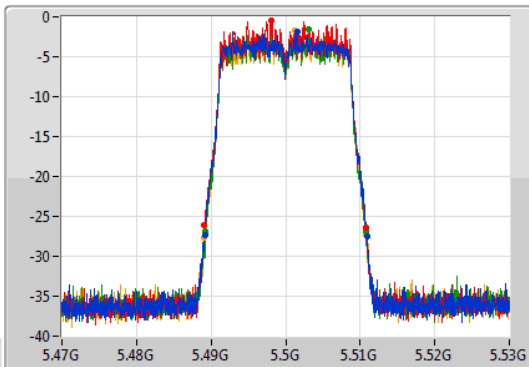
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

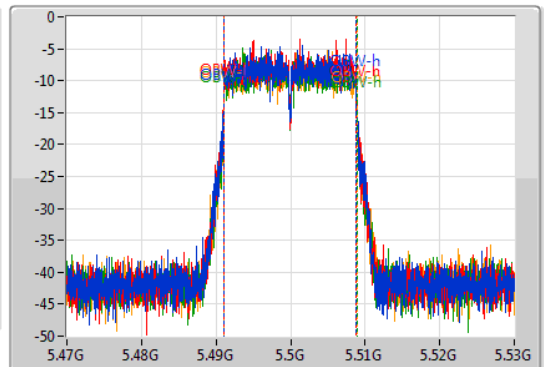
5500MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.48914G	5.51095G	17.721M	5.491094G	5.508816G	Inf	1
21.66M	5.48911G	5.51077G	17.811M	5.491034G	5.508846G	Inf	2
21.6M	5.48917G	5.51077G	17.811M	5.491064G	5.508876G	Inf	3
21.78M	5.48908G	5.51086G	17.811M	5.491064G	5.508876G	Inf	4

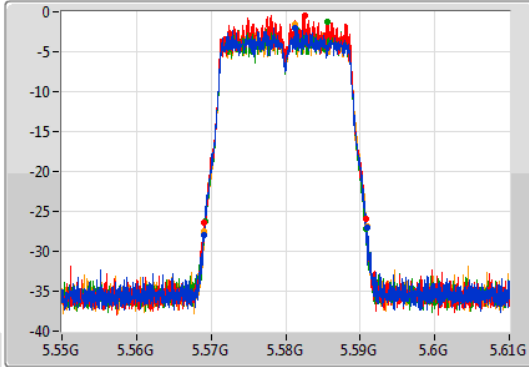
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

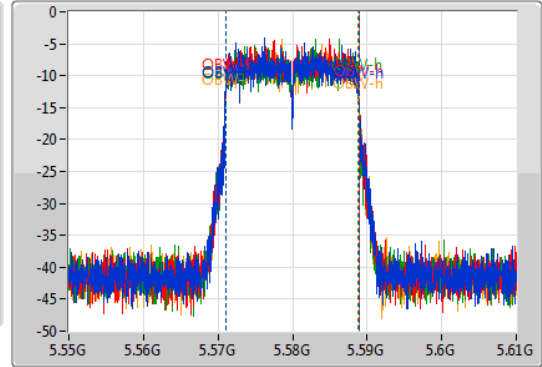
5580MHz

12/11/2019

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



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



Port 1
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	5.56908G	5.59089G	17.841M	5.571034G	5.588876G	Inf	1
21.78M	5.56902G	5.5908G	17.811M	5.571064G	5.588876G	Inf	2
21.6M	5.56917G	5.59077G	17.781M	5.571064G	5.588846G	Inf	3
21.9M	5.56902G	5.59092G	17.841M	5.571034G	5.588876G	Inf	4

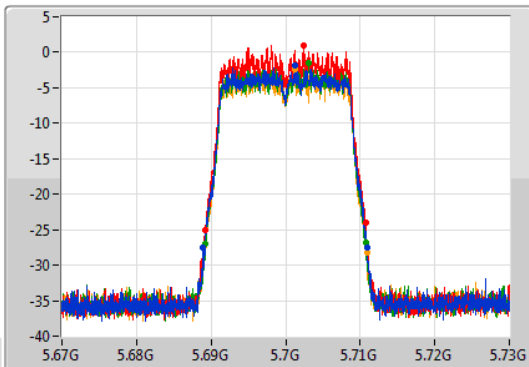
802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

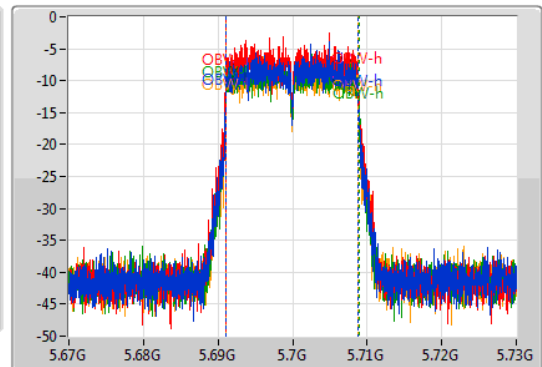
5700MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

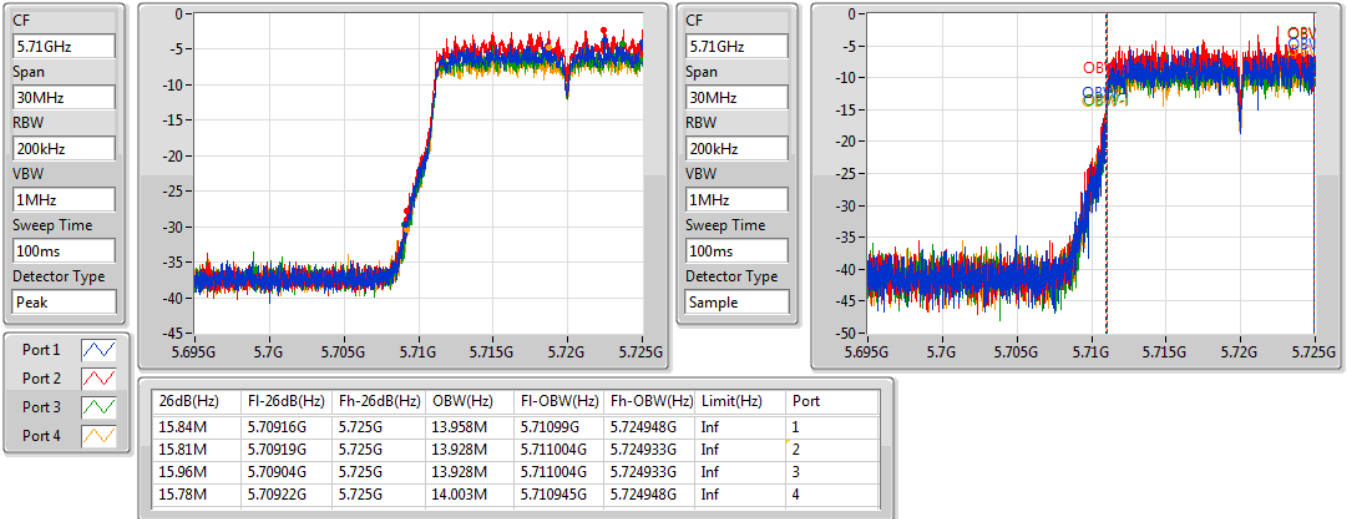
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.68896G	5.71092G	17.781M	5.691064G	5.708846G	Inf	1
21.48M	5.68923G	5.71071G	17.781M	5.691064G	5.708846G	Inf	2
21.66M	5.68914G	5.7108G	17.871M	5.691034G	5.708906G	Inf	3
21.87M	5.68905G	5.71092G	17.811M	5.691034G	5.708846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

12/11/2019

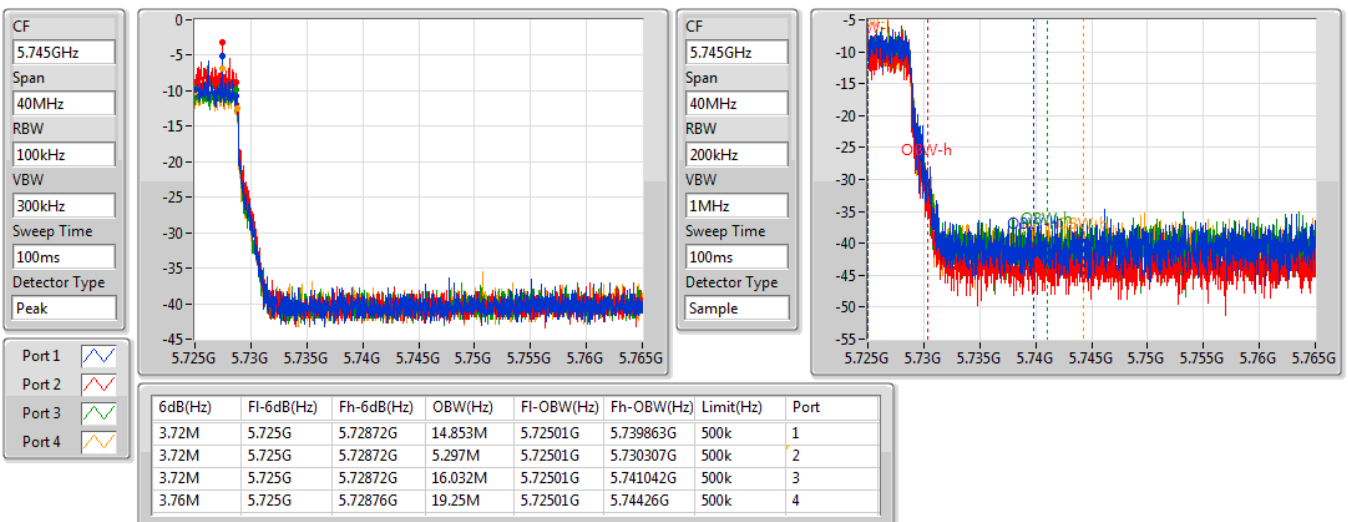


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

12/11/2019



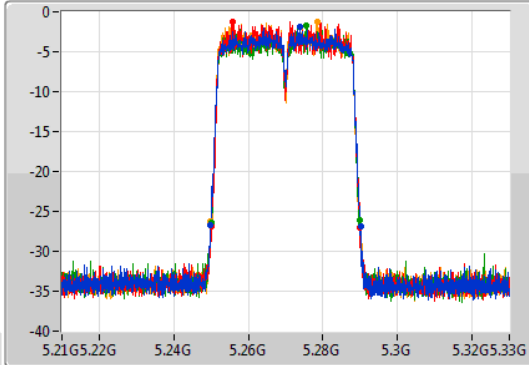
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5270MHz

12/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.24978G	5.29016G	36.282M	5.251829G	5.288111G	Inf	1
39.96M	5.25008G	5.29004G	36.342M	5.251769G	5.288111G	Inf	2
40.08M	5.24996G	5.29004G	36.342M	5.251829G	5.288171G	Inf	3
40.2M	5.2499G	5.2901G	36.342M	5.251769G	5.288111G	Inf	4

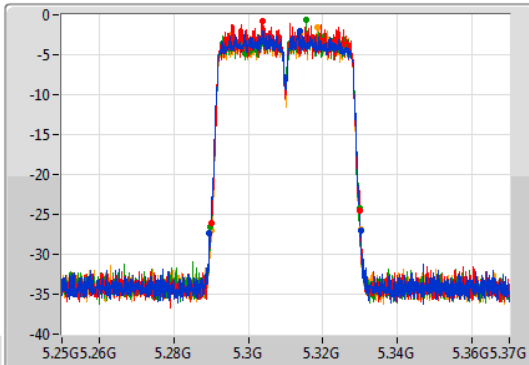
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

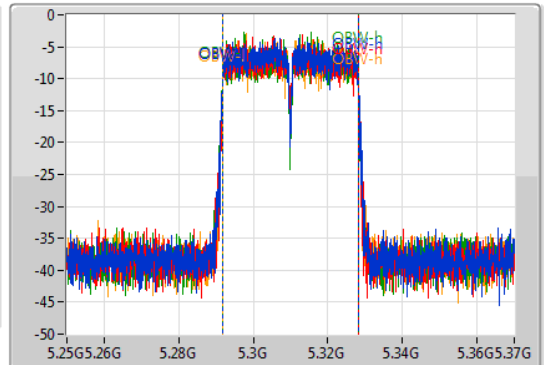
5310MHz

12/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.2896G	5.33016G	36.402M	5.291769G	5.328171G	Inf	1
39.9M	5.29002G	5.32992G	36.282M	5.291769G	5.328051G	Inf	2
39.96M	5.2899G	5.32986G	36.402M	5.291709G	5.328111G	Inf	3
40.14M	5.29002G	5.33016G	36.402M	5.291769G	5.328171G	Inf	4

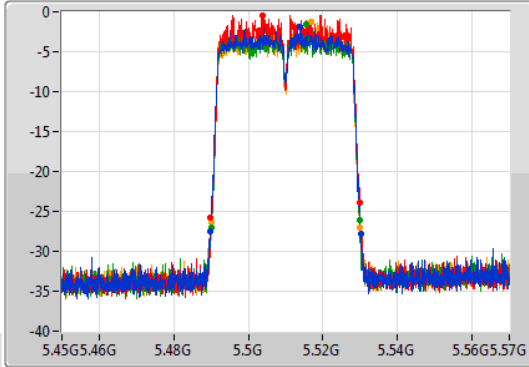
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.48972G	5.53028G	36.342M	5.491829G	5.528171G	Inf	1
39.96M	5.4899G	5.52986G	36.342M	5.491769G	5.528111G	Inf	2
40.02M	5.48996G	5.52998G	36.342M	5.491769G	5.528111G	Inf	3
40.02M	5.49002G	5.53004G	36.342M	5.491769G	5.528111G	Inf	4

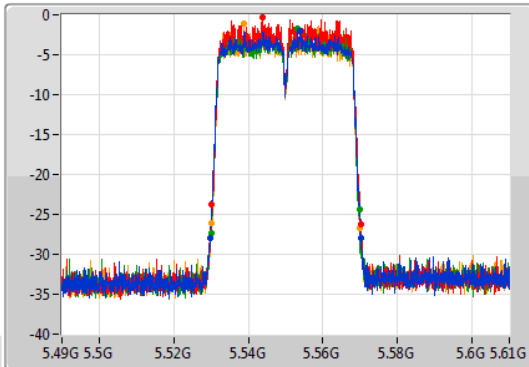
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

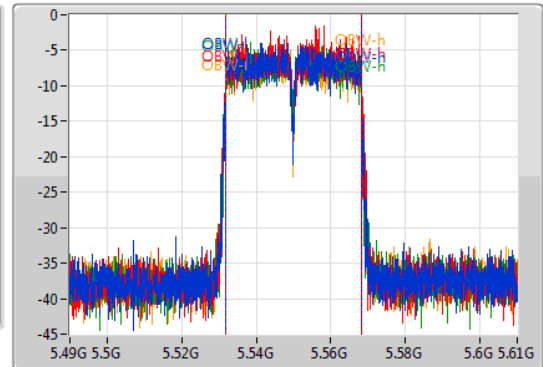
5550MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.52972G	5.57028G	36.342M	5.531769G	5.568111G	Inf	1
40.08M	5.5302G	5.57028G	36.462M	5.531769G	5.568231G	Inf	2
39.96M	5.52996G	5.56992G	36.342M	5.531769G	5.568111G	Inf	3
39.96M	5.53002G	5.56998G	36.402M	5.531709G	5.568111G	Inf	4

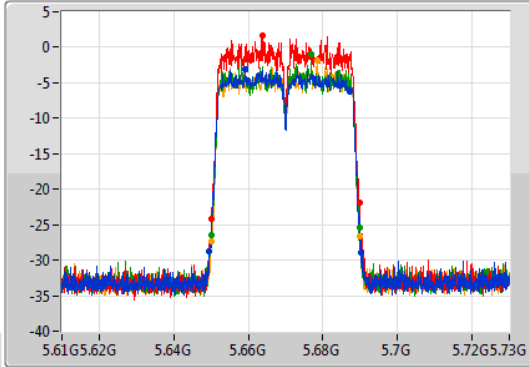
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

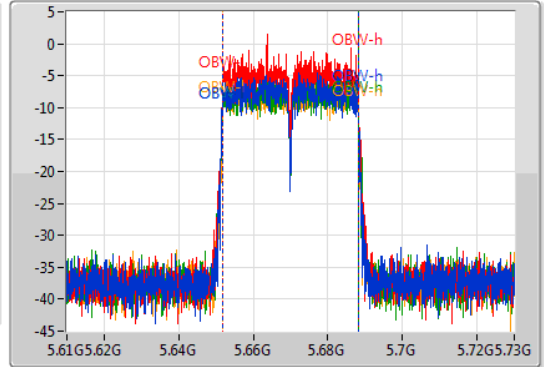
5670MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.6496G	5.69028G	36.462M	5.651709G	5.688171G	Inf	1
39.6M	5.6502G	5.6898G	36.222M	5.651829G	5.688051G	Inf	2
39.84M	5.65008G	5.68992G	36.402M	5.651709G	5.688111G	Inf	3
40.02M	5.64996G	5.68998G	36.342M	5.651769G	5.688111G	Inf	4

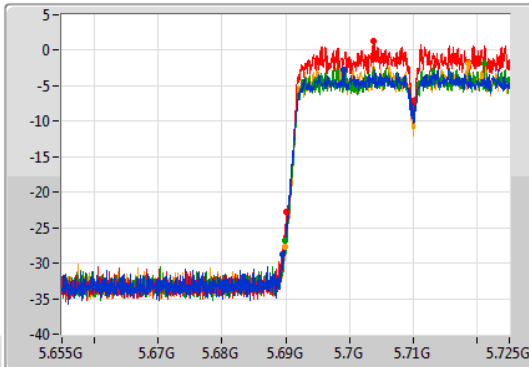
802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

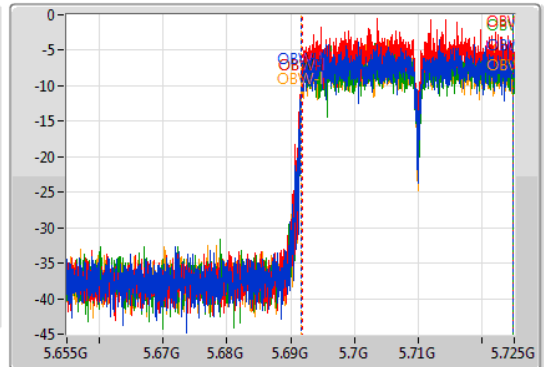
5710MHz Straddle 5.47-5.725GHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

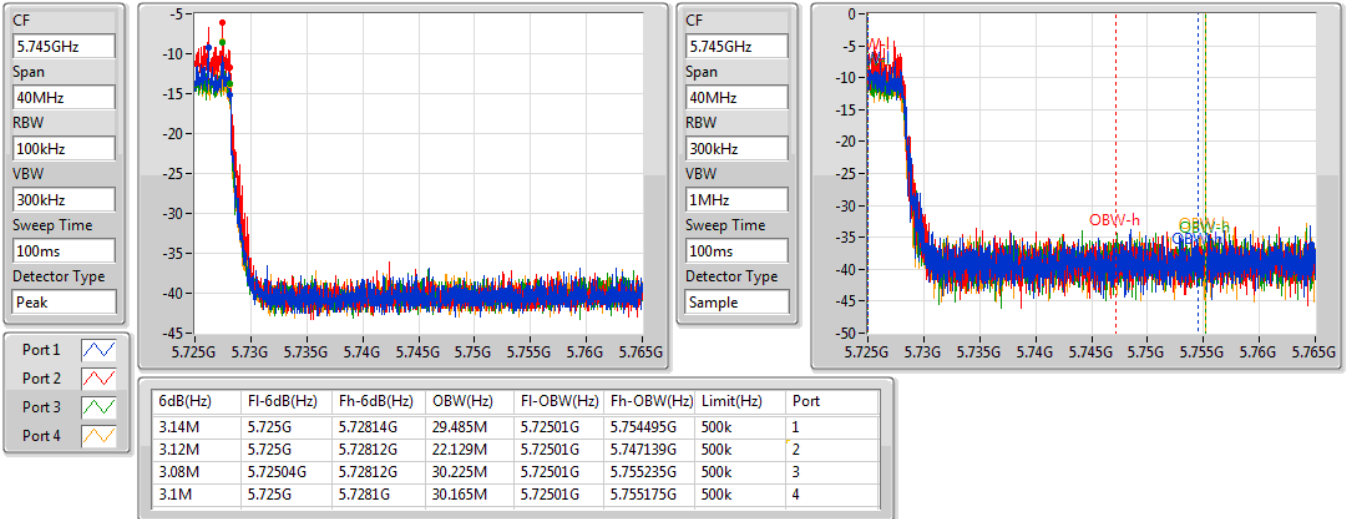
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.49M	5.68951G	5.725G	33.058M	5.691749G	5.724808G	Inf	1
35M	5.69G	5.725G	33.023M	5.691784G	5.724808G	Inf	2
35.14M	5.68986G	5.725G	33.058M	5.691784G	5.724843G	Inf	3
35.175M	5.689825G	5.725G	33.128M	5.691679G	5.724808G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

12/11/2019

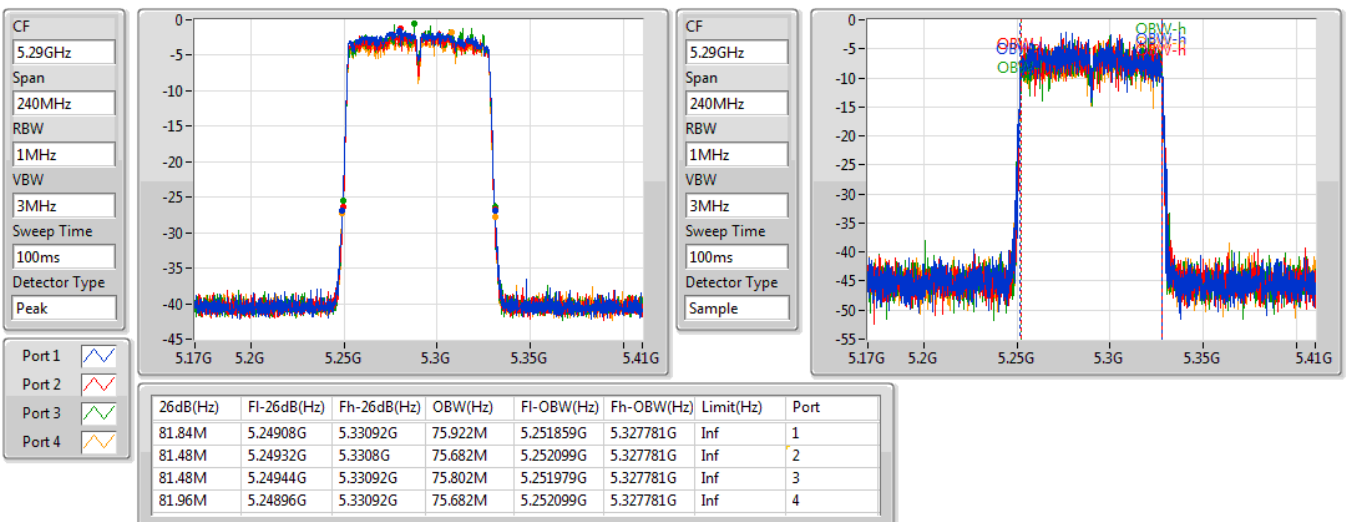


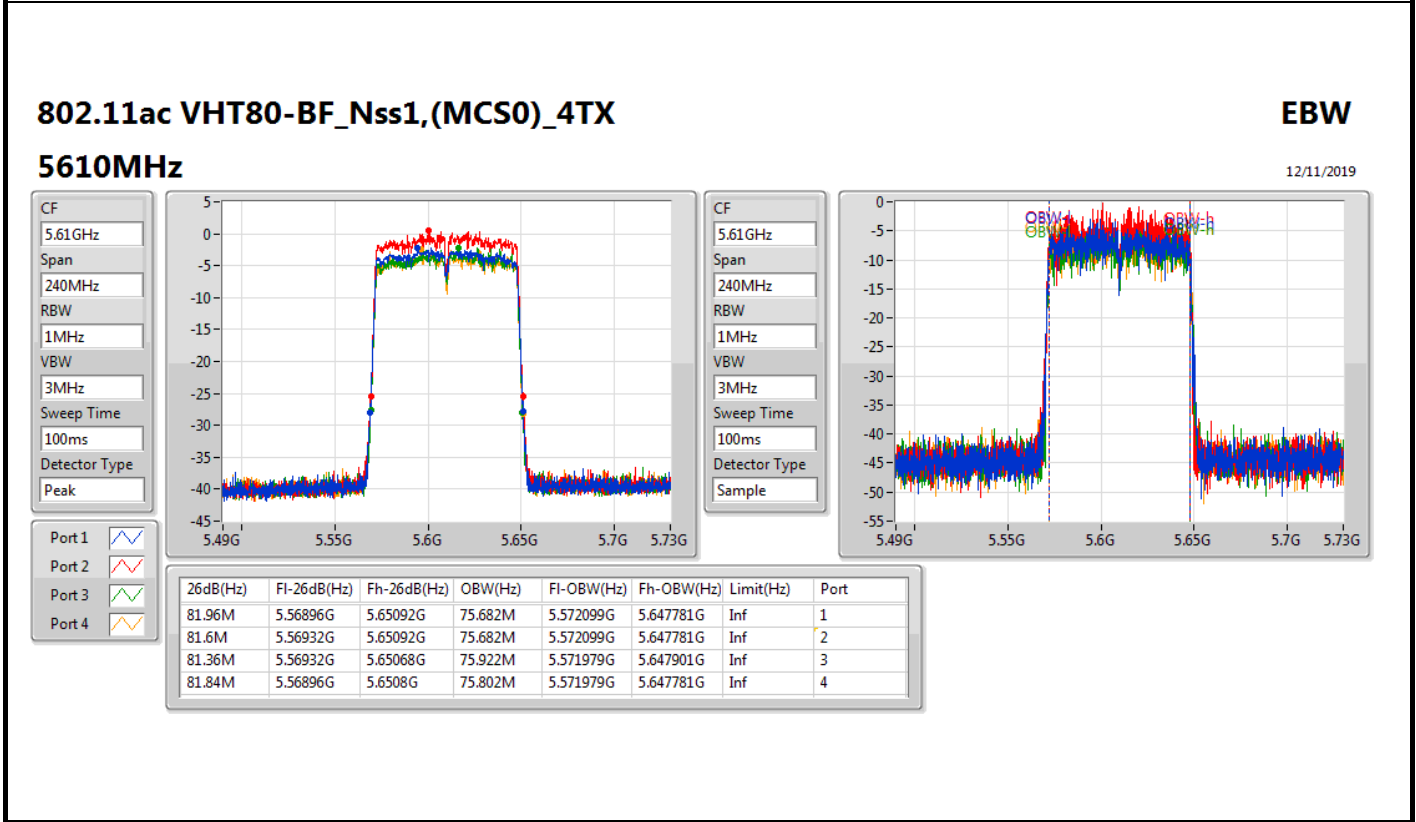
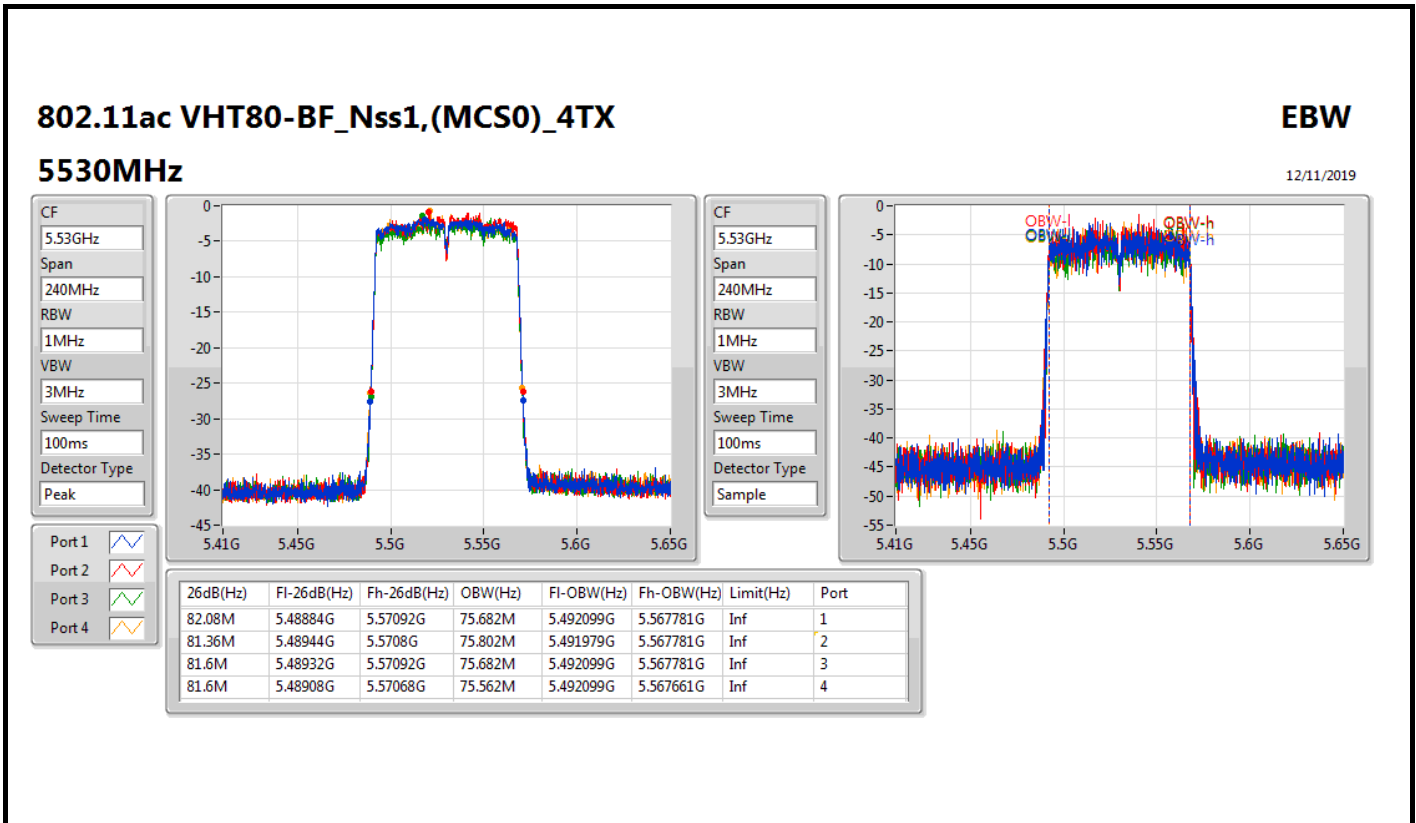
802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

12/11/2019



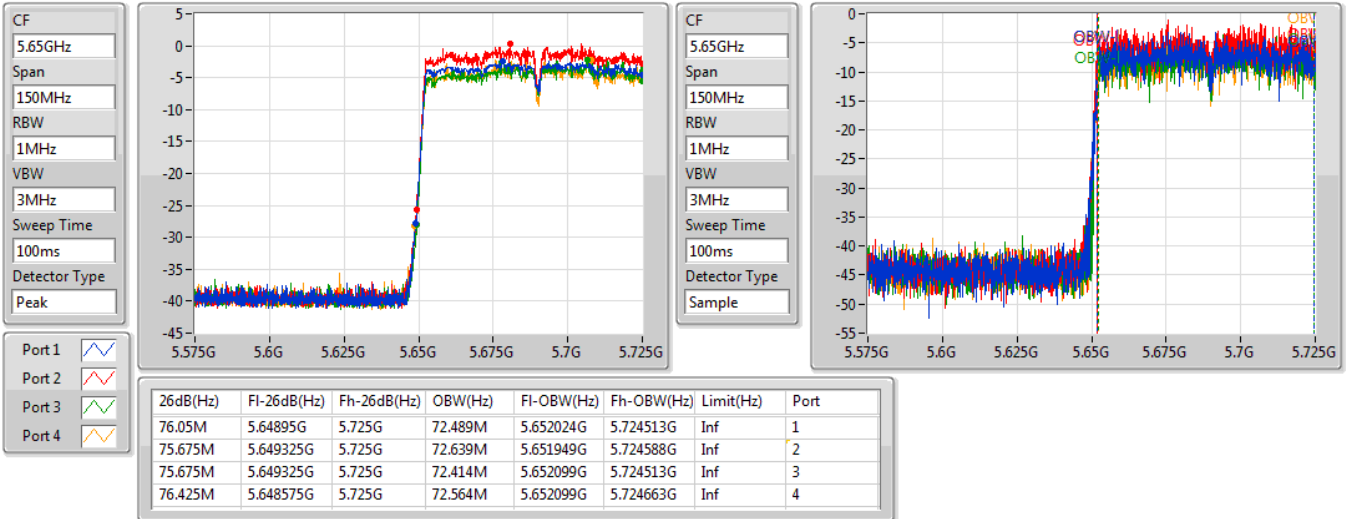


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

12/11/2019

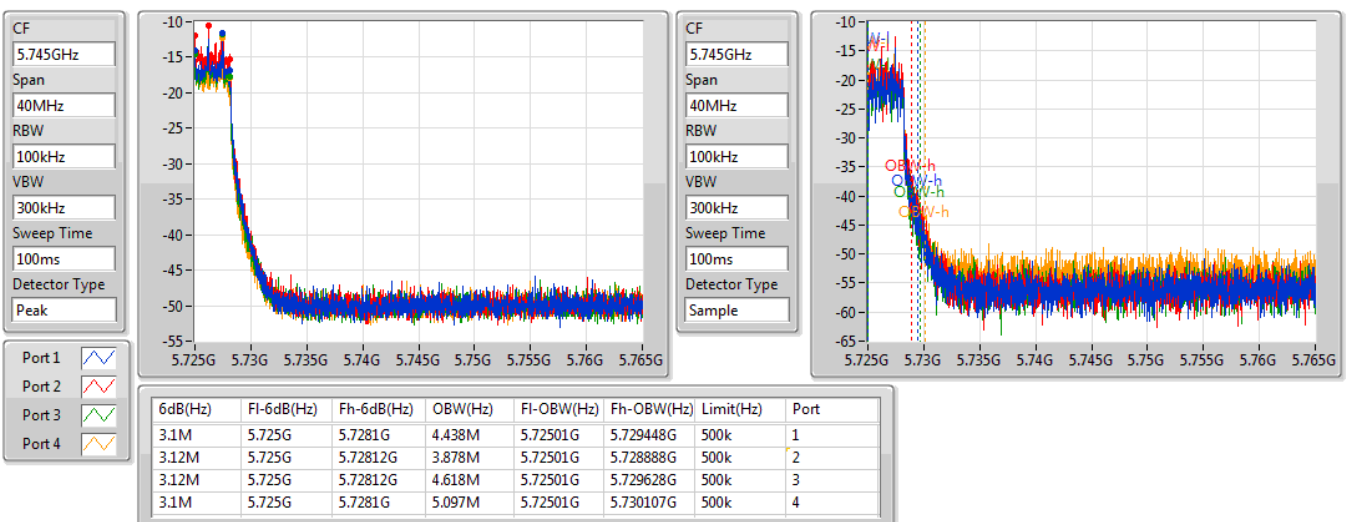


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

12/11/2019

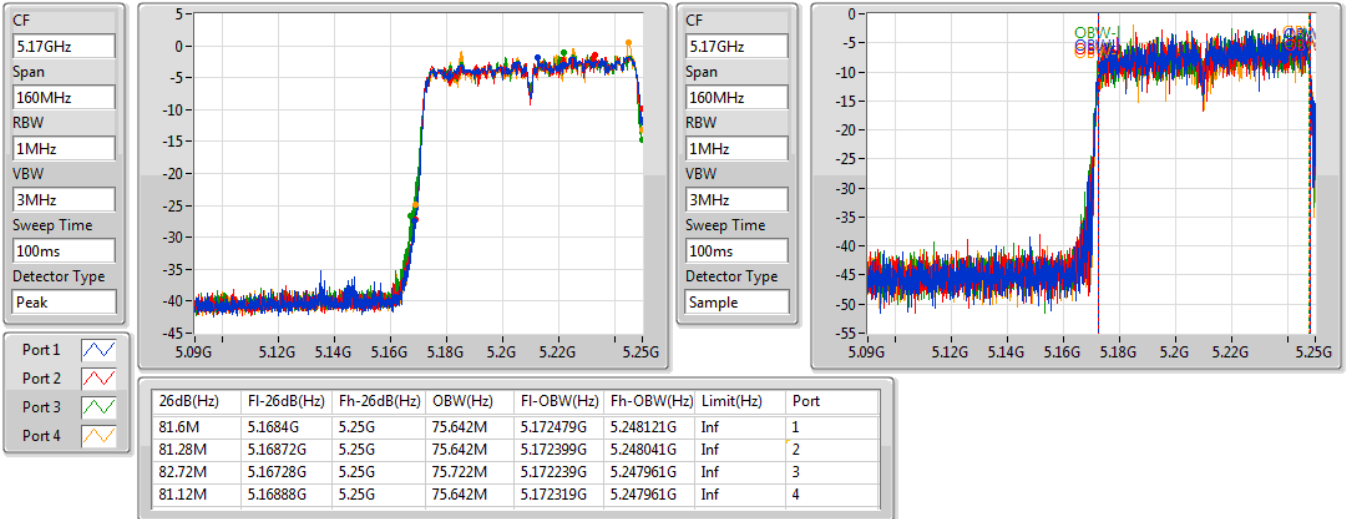


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

12/11/2019

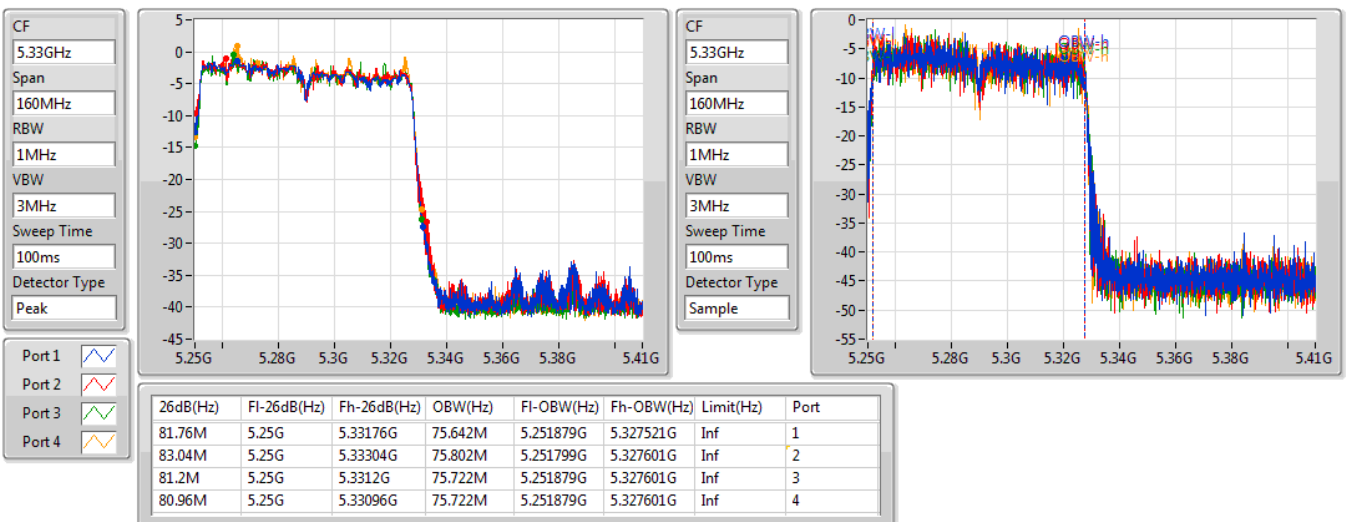


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

12/11/2019



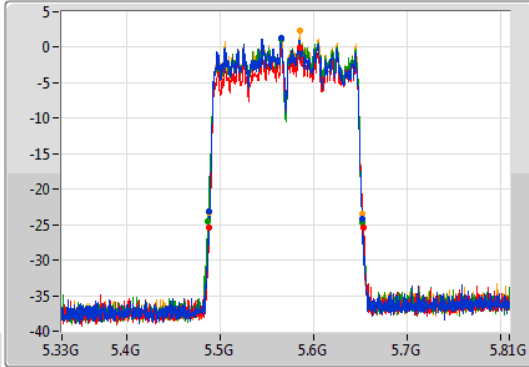
802.11ac VHT160-BF_Nss1,(MCS0)_4TX

EBW

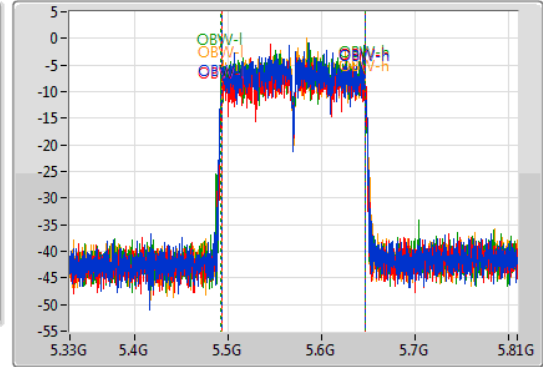
5570MHz

12/11/2019

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



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



Port 1: [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
163.92M	5.48816G	5.65208G	154.003M	5.492759G	5.646762G	Inf	1
165.36M	5.48816G	5.65352G	154.243M	5.492759G	5.647001G	Inf	2
165.6M	5.48672G	5.65232G	154.483M	5.492279G	5.646762G	Inf	3
163.44M	5.4884G	5.65184G	154.243M	5.492759G	5.647001G	Inf	4

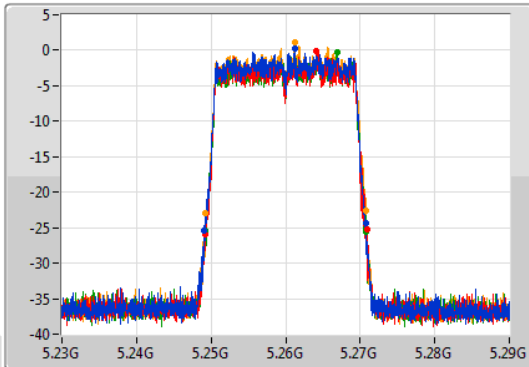
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

12/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.24908G	5.27077G	18.981M	5.250465G	5.269445G	Inf	1
21.72M	5.2492G	5.27092G	18.981M	5.250465G	5.269445G	Inf	2
21.57M	5.2492G	5.27077G	18.951M	5.250495G	5.269445G	Inf	3
21.6M	5.24923G	5.27083G	18.981M	5.250495G	5.269475G	Inf	4

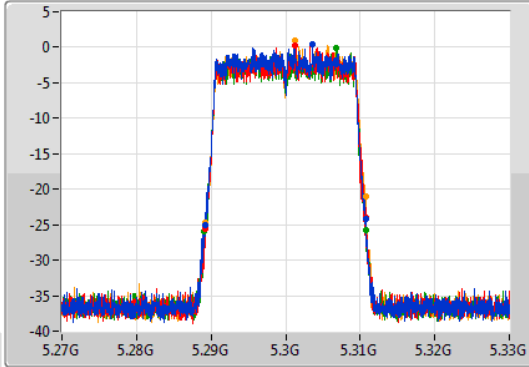
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

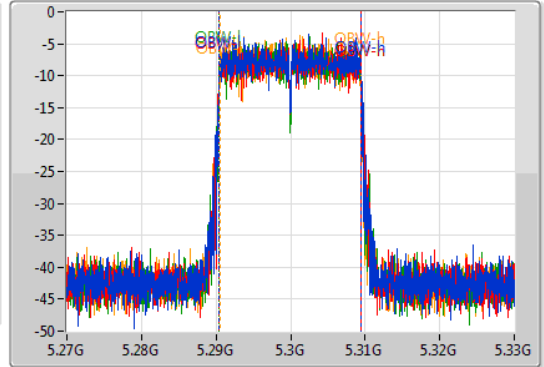
5300MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.28914G	5.31074G	19.01M	5.290435G	5.309445G	Inf	1
21.57M	5.28923G	5.3108G	19.01M	5.290435G	5.309445G	Inf	2
21.69M	5.28908G	5.31077G	18.981M	5.290465G	5.309445G	Inf	3
21.6M	5.28917G	5.31077G	18.951M	5.290495G	5.309445G	Inf	4

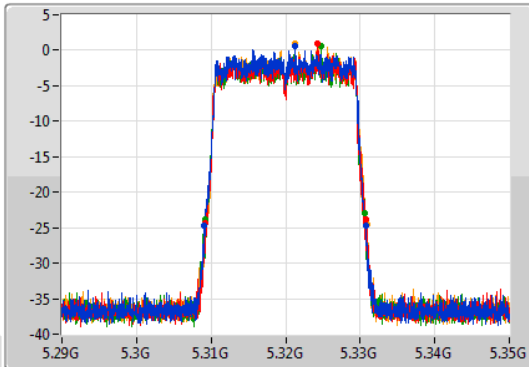
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

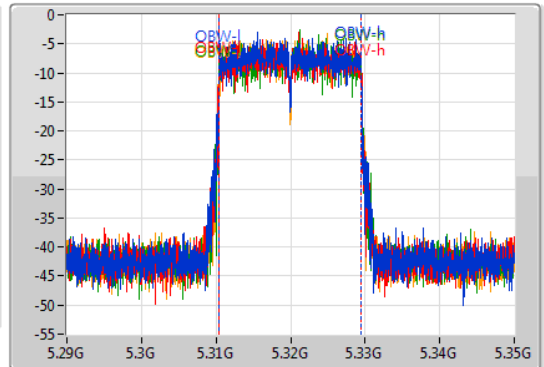
5320MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.30908G	5.33083G	18.981M	5.310465G	5.329445G	Inf	1
21.51M	5.30929G	5.3308G	19.04M	5.310435G	5.329475G	Inf	2
21.39M	5.30926G	5.33065G	18.951M	5.310465G	5.329415G	Inf	3
21.69M	5.30926G	5.33095G	18.981M	5.310435G	5.329415G	Inf	4

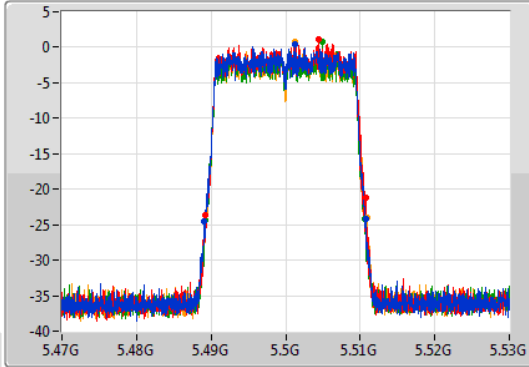
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

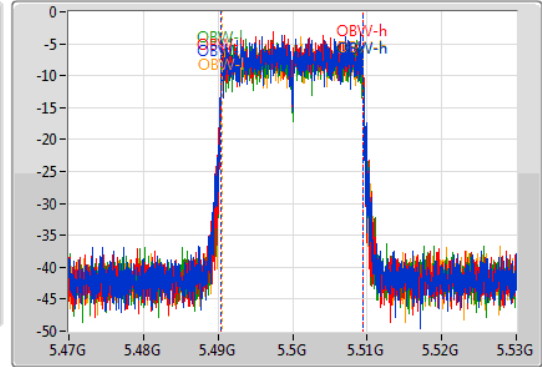
5500MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.48911G	5.51077G	18.981M	5.490465G	5.509445G	Inf	1
21.51M	5.48923G	5.51074G	18.981M	5.490465G	5.509445G	Inf	2
21.48M	5.48917G	5.51065G	18.951M	5.490465G	5.509415G	Inf	3
21.75M	5.48917G	5.51092G	18.981M	5.490495G	5.509475G	Inf	4

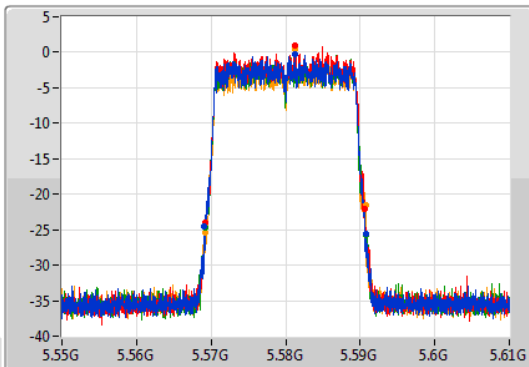
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

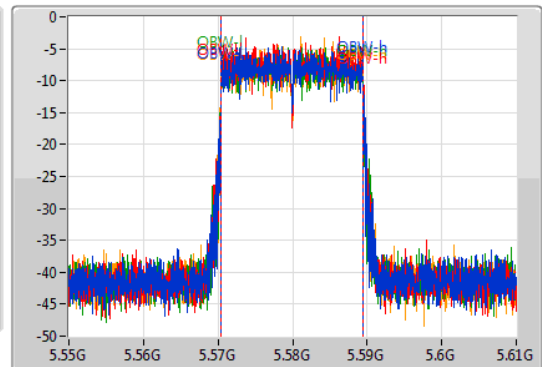
5580MHz

12/11/2019

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



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



Port 1
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	5.56911G	5.59074G	18.981M	5.570465G	5.589445G	Inf	1
21.42M	5.56926G	5.59068G	18.981M	5.570465G	5.589445G	Inf	2
21.54M	5.56923G	5.59077G	19.01M	5.570465G	5.589475G	Inf	3
21.57M	5.56914G	5.59071G	18.981M	5.570435G	5.589415G	Inf	4

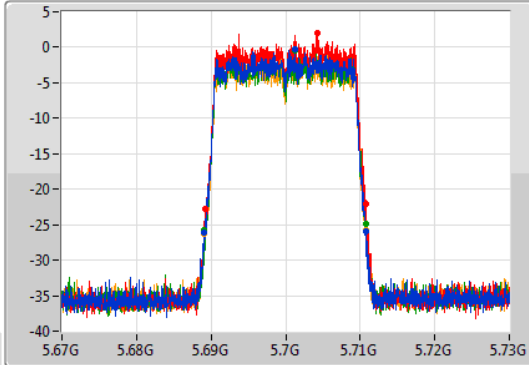
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5700MHz

12/11/2019

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



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



Port 1
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	5.68911G	5.71071G	19.01M	5.690435G	5.709445G	Inf	1
21.57M	5.68929G	5.71086G	18.951M	5.690465G	5.709415G	Inf	2
21.69M	5.68911G	5.7108G	18.981M	5.690465G	5.709445G	Inf	3
21.75M	5.68911G	5.71086G	19.04M	5.690435G	5.709475G	Inf	4

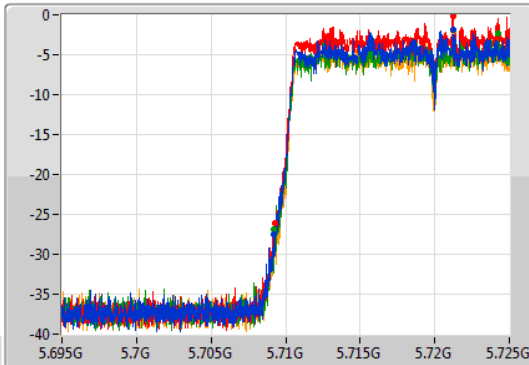
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

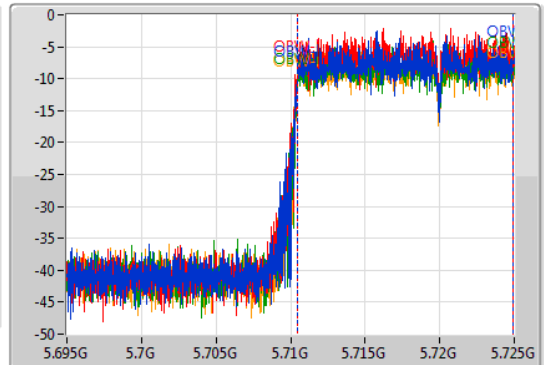
5720MHz Straddle 5.47-5.725GHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.795M	5.709205G	5.725G	14.513M	5.71042G	5.724933G	Inf	1
15.72M	5.70928G	5.725G	14.513M	5.710435G	5.724948G	Inf	2
15.765M	5.709235G	5.725G	14.498M	5.710435G	5.724933G	Inf	3
15.765M	5.709235G	5.725G	14.513M	5.71042G	5.724933G	Inf	4

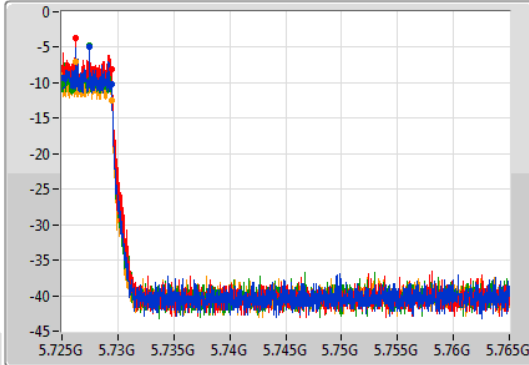
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

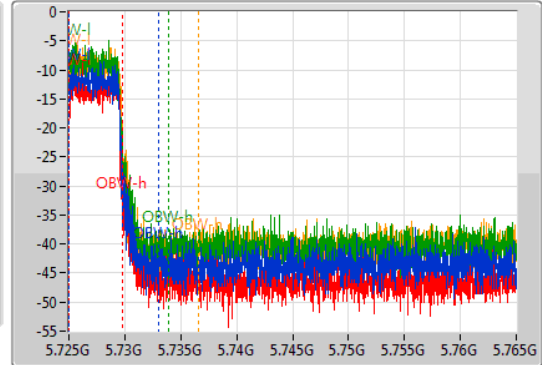
5720MHz Straddle 5.725-5.85GHz

12/11/2019

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



CF
5.745GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
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
4.44M	5.725G	5.72944G	7.996M	5.72503G	5.733026G	500k	1
4.44M	5.725G	5.72944G	4.798M	5.72501G	5.729808G	500k	2
4.4M	5.72502G	5.72942G	8.896M	5.72503G	5.733926G	500k	3
4.46M	5.725G	5.72946G	11.574M	5.72503G	5.736604G	500k	4

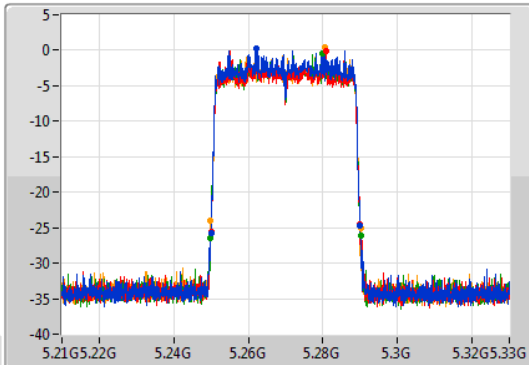
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

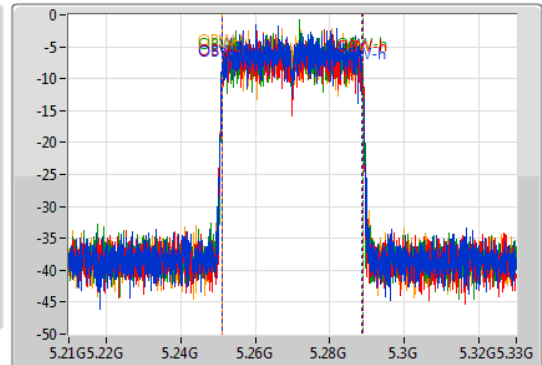
5270MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

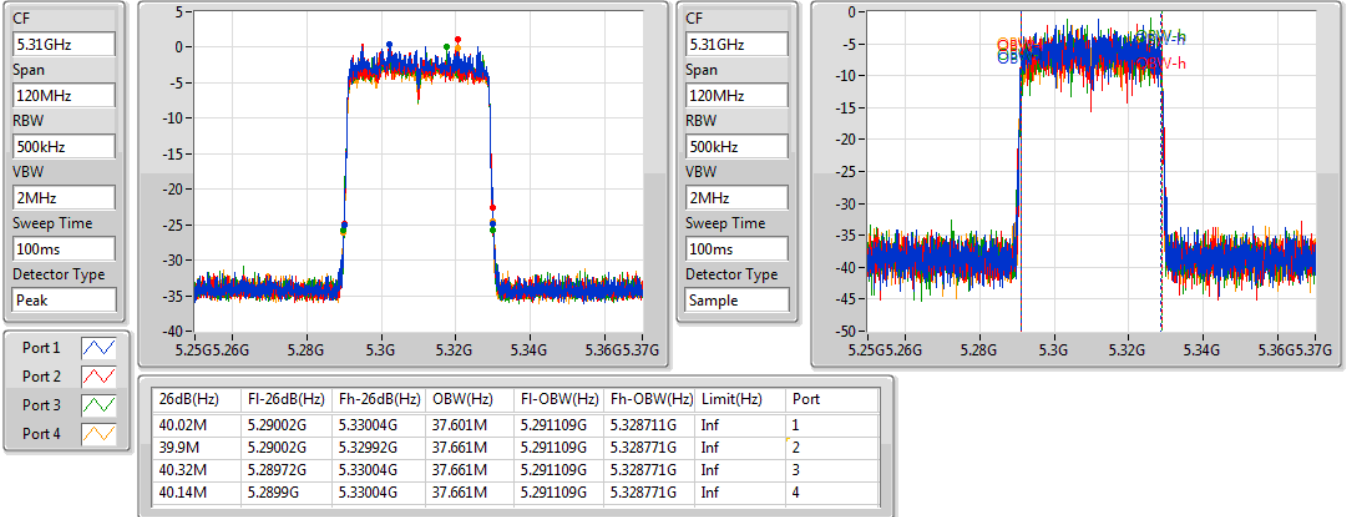
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.24996G	5.29004G	37.601M	5.251109G	5.288711G	Inf	1
40.02M	5.24996G	5.28998G	37.661M	5.251109G	5.288771G	Inf	2
40.26M	5.2499G	5.29016G	37.661M	5.251109G	5.288771G	Inf	3
40.2M	5.2499G	5.2901G	37.661M	5.251109G	5.288771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

12/11/2019

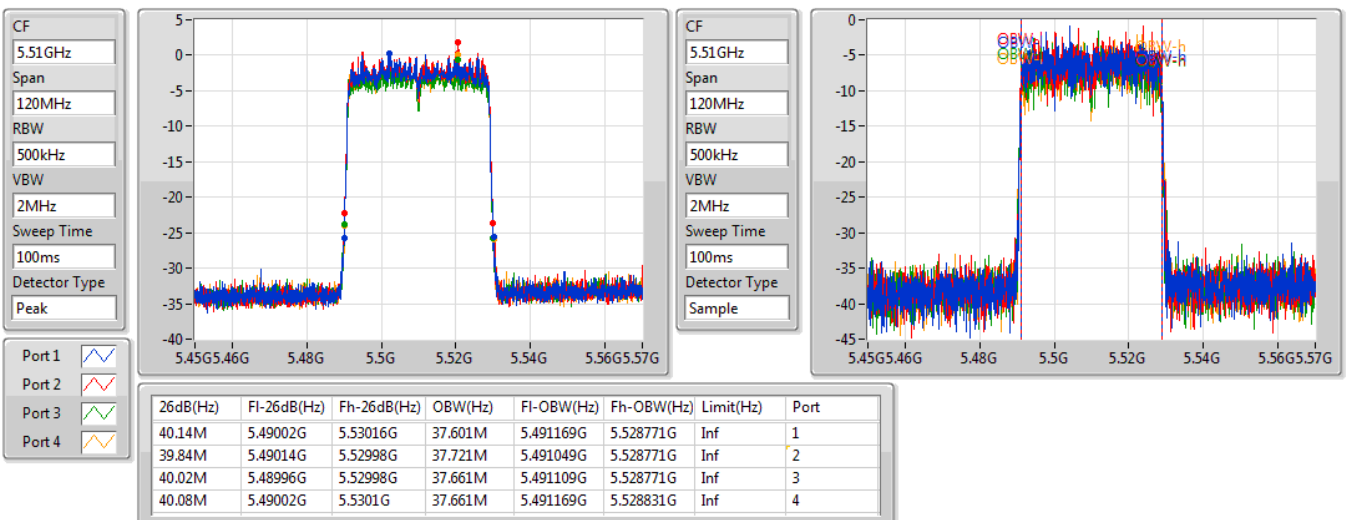


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

12/11/2019



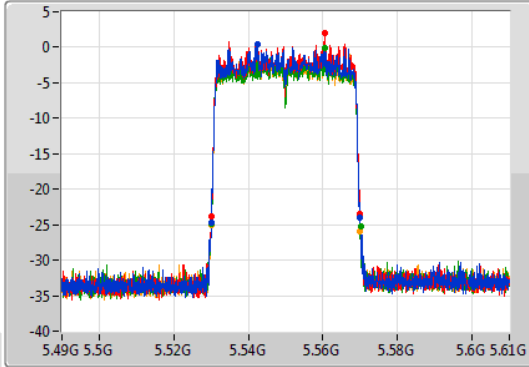
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

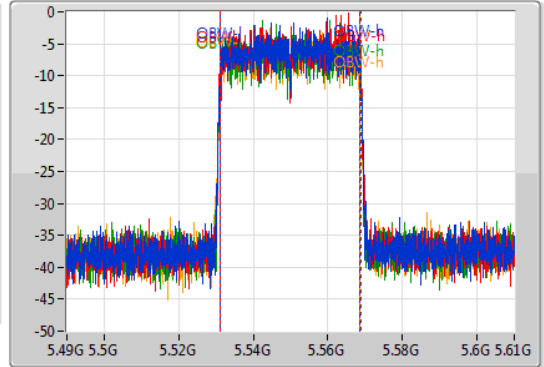
5550MHz

12/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53008G	5.56998G	37.601M	5.531109G	5.568711G	Inf	1
39.78M	5.53014G	5.56992G	37.661M	5.531169G	5.568831G	Inf	2
40.14M	5.52996G	5.5701G	37.541M	5.531169G	5.568711G	Inf	3
40.08M	5.52996G	5.57004G	37.601M	5.531109G	5.568711G	Inf	4

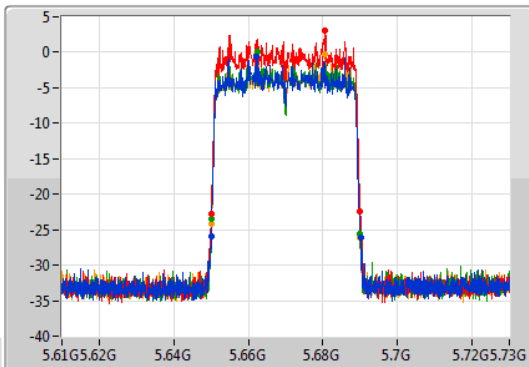
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

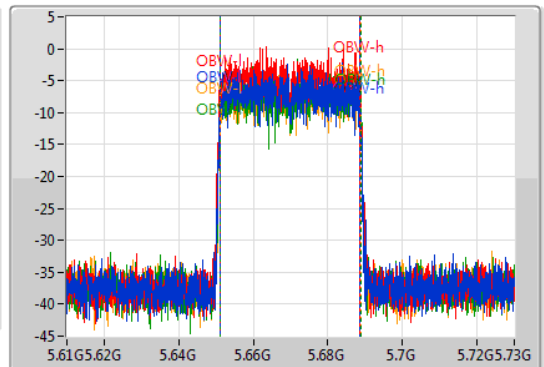
5670MHz

12/11/2019

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



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



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

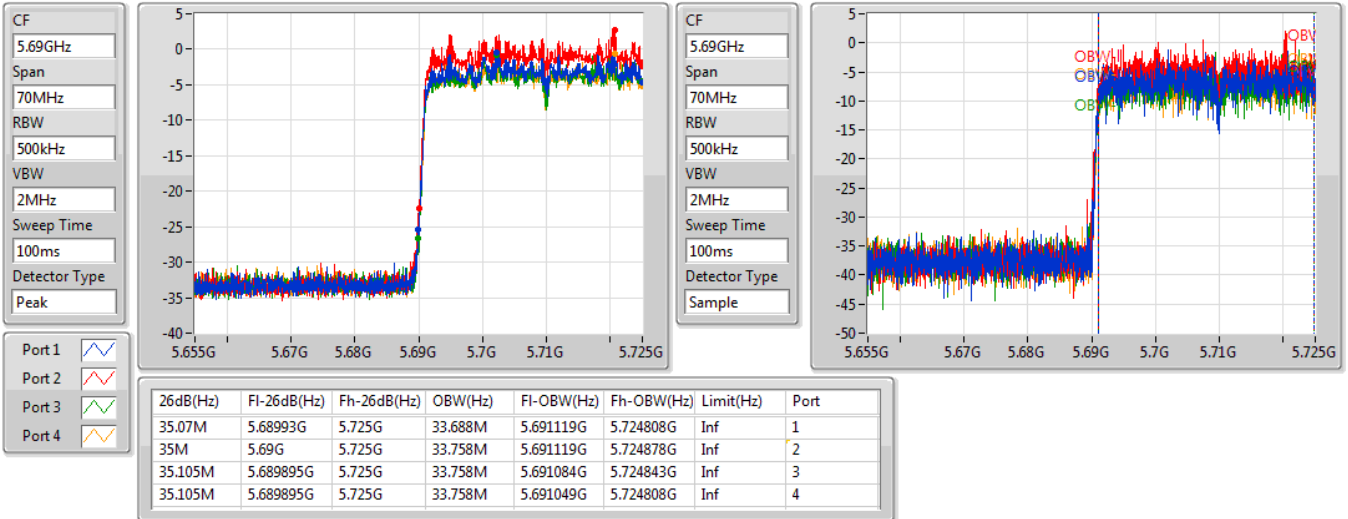
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.65008G	5.69016G	37.661M	5.651049G	5.688711G	Inf	1
39.78M	5.65008G	5.68986G	37.661M	5.651049G	5.688711G	Inf	2
39.84M	5.65014G	5.68998G	37.661M	5.651109G	5.688711G	Inf	3
40.08M	5.64996G	5.69004G	37.781M	5.65099G	5.688711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

12/11/2019

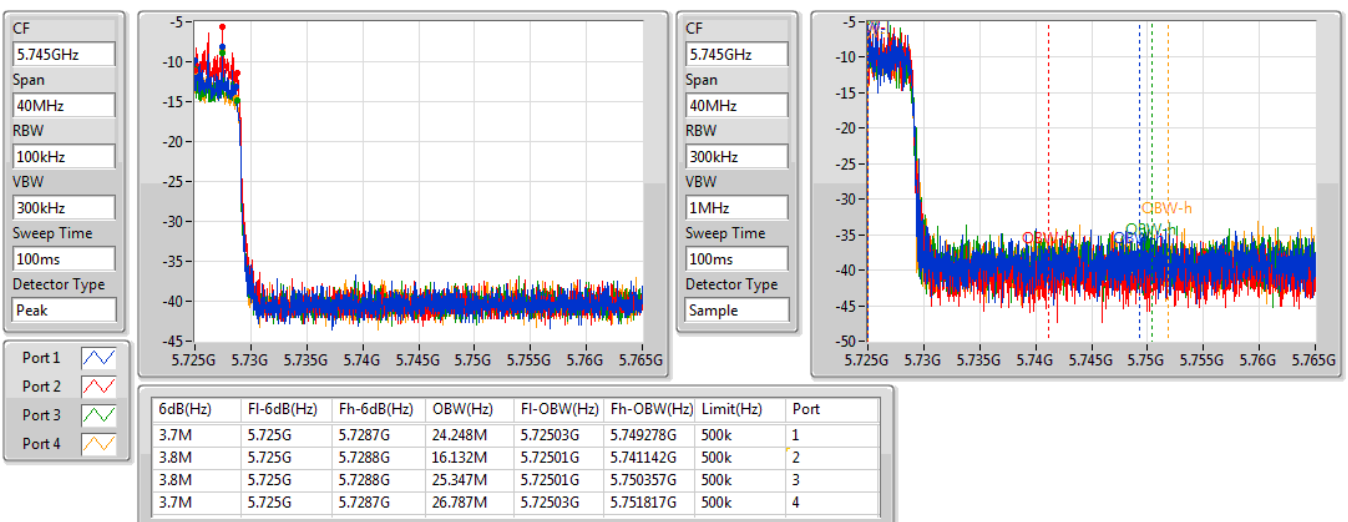


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

12/11/2019



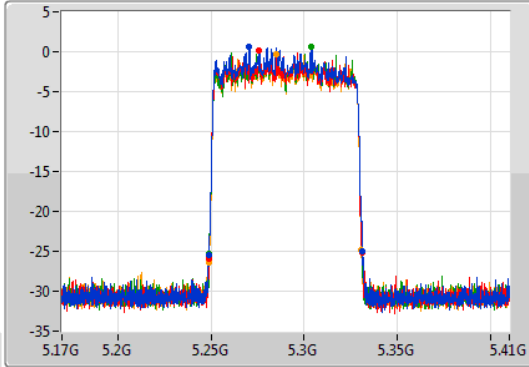
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.24884G	5.33128G	77.361M	5.251259G	5.328621G	Inf	1
82.56M	5.24884G	5.3314G	77.361M	5.251139G	5.328501G	Inf	2
82.08M	5.24872G	5.3308G	77.481M	5.251139G	5.328621G	Inf	3
81.72M	5.24896G	5.33068G	77.361M	5.251259G	5.328621G	Inf	4

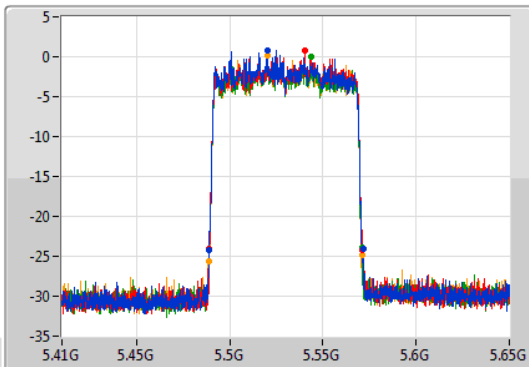
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

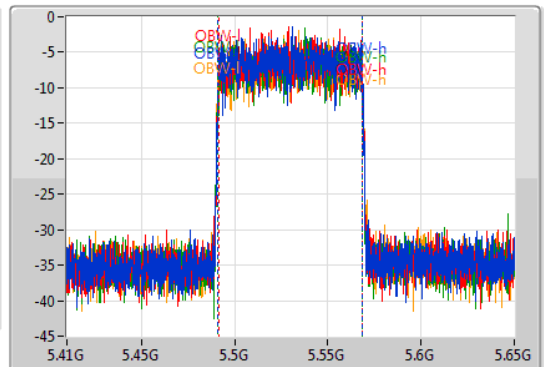
5530MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.48908G	5.57164G	77.481M	5.491139G	5.568621G	Inf	1
82.08M	5.4892G	5.57128G	77.361M	5.491259G	5.568621G	Inf	2
82.2M	5.48872G	5.57092G	77.361M	5.491139G	5.568501G	Inf	3
81.96M	5.48884G	5.5708G	77.601M	5.491019G	5.568621G	Inf	4

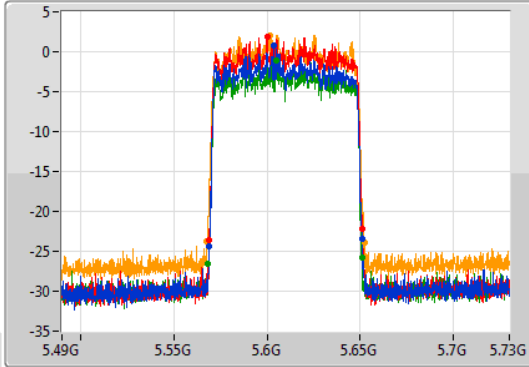
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

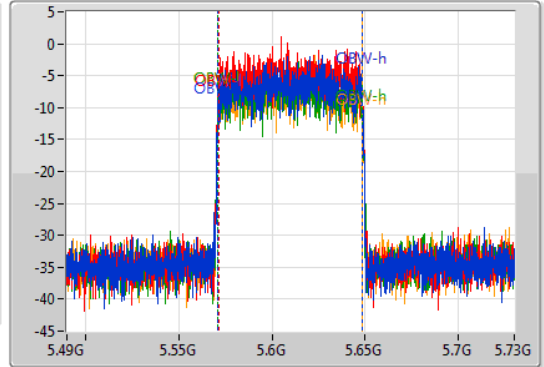
5610MHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.56908G	5.6514G	77.481M	5.571139G	5.648621G	Inf	1
82.2M	5.56896G	5.65116G	77.241M	5.571259G	5.648501G	Inf	2
82.56M	5.56848G	5.65104G	77.721M	5.571019G	5.648741G	Inf	3
84.36M	5.56788G	5.65224G	77.721M	5.571019G	5.648741G	Inf	4

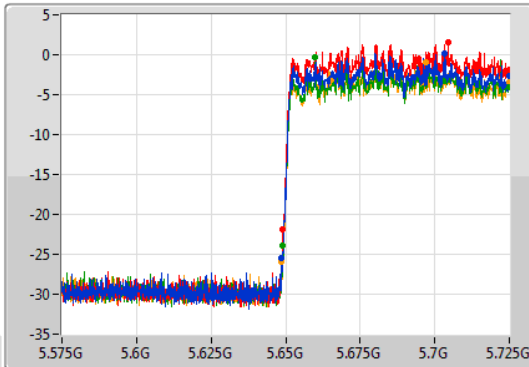
802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

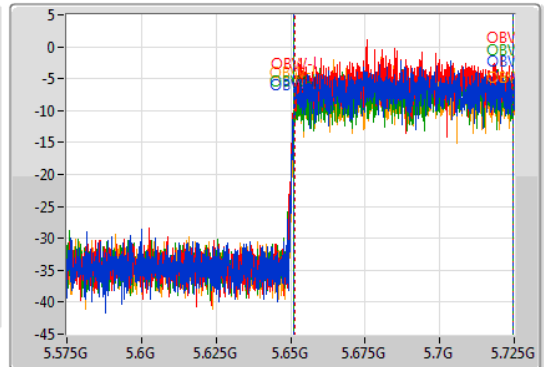
5690MHz Straddle 5.47-5.725GHz

12/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

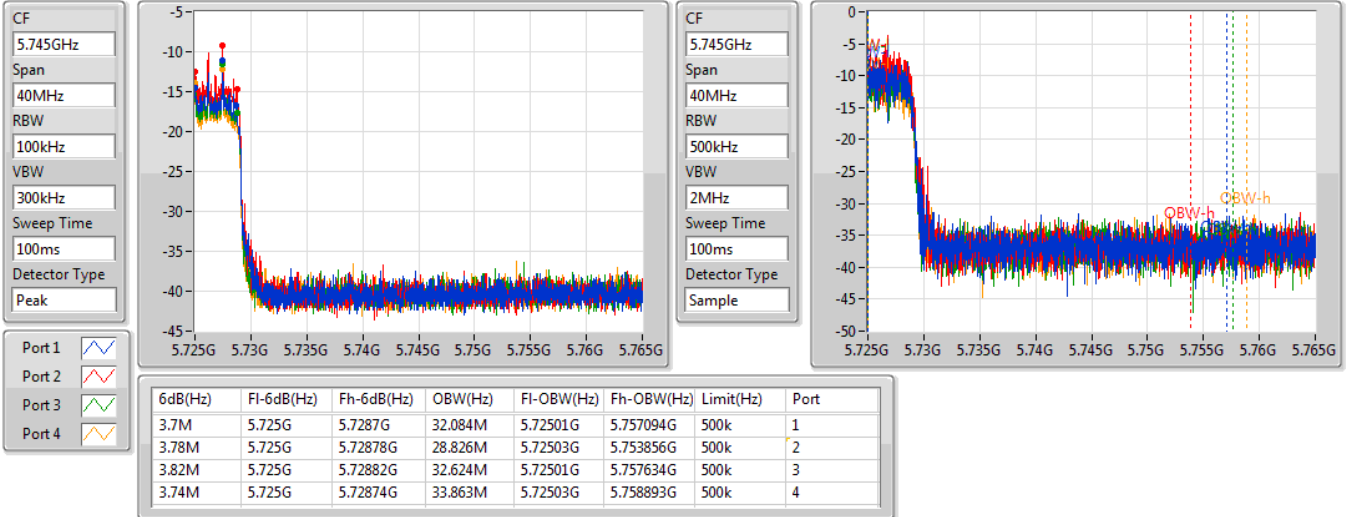
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.35M	5.64865G	5.725G	73.463M	5.651124G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	73.163M	5.651274G	5.724438G	Inf	2
76.05M	5.64895G	5.725G	73.538M	5.651049G	5.724588G	Inf	3
76.275M	5.648725G	5.725G	73.388M	5.651124G	5.724513G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

12/11/2019

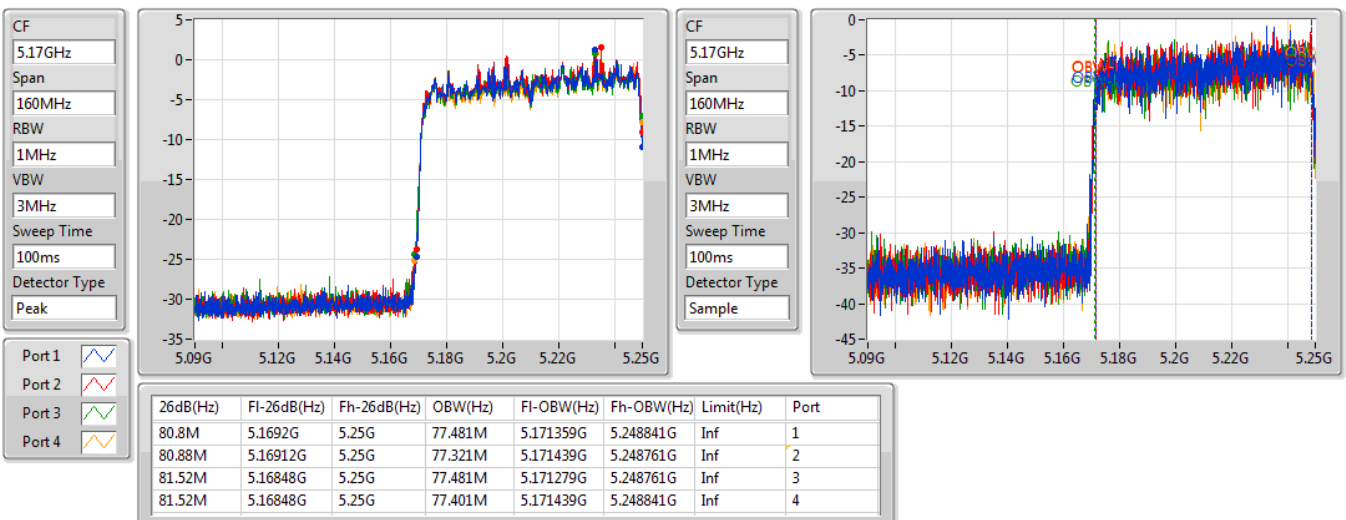


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

12/11/2019

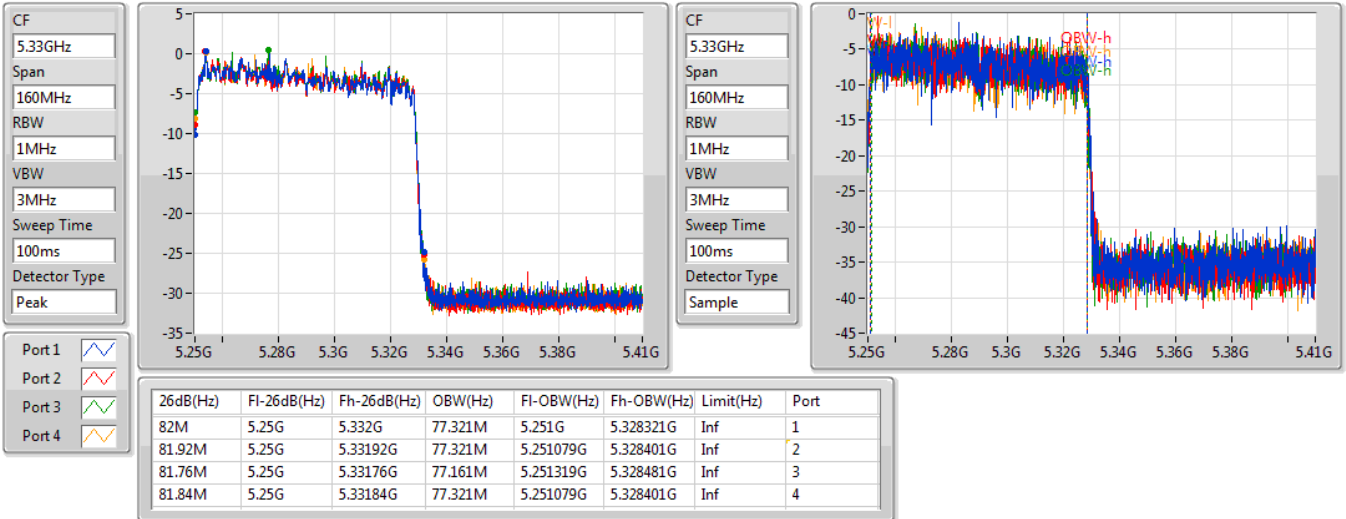


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

12/11/2019

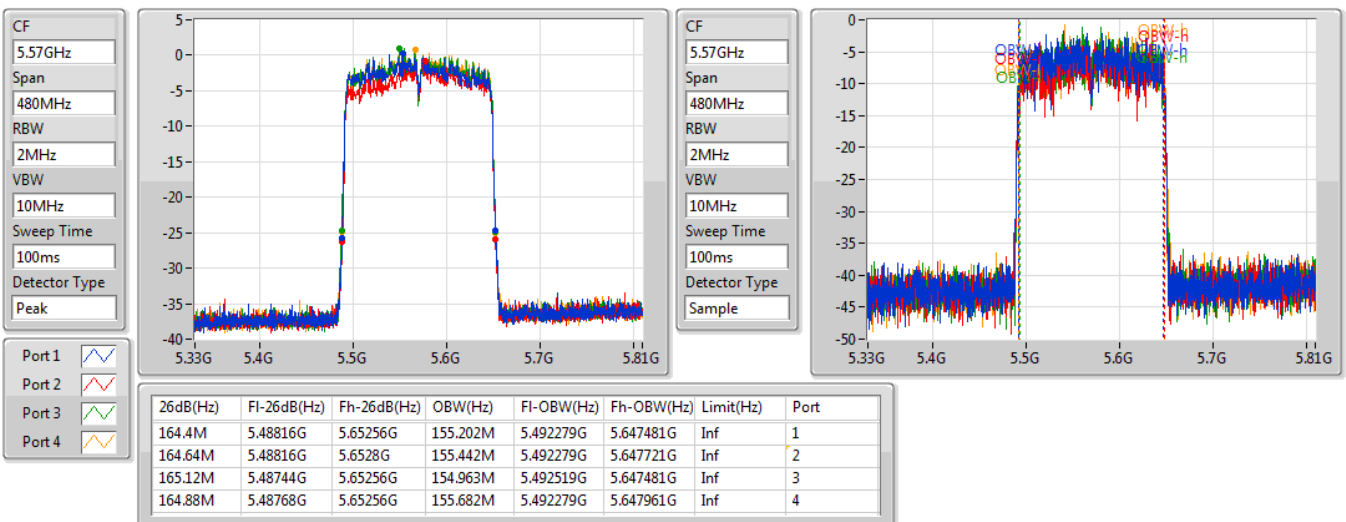


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz

12/11/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	83.44M	76.202M	76M2D1D	81.36M	75.802M
802.11ax HEW160_Nss4,(MCS0)_4TX	81.44M	77.561M	77M6D1D	81.04M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.84M	17.751M	17M8D1D	21.36M	17.691M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.26M	36.342M	36M3D1D	39.78M	36.222M
802.11ac VHT80_Nss4,(MCS0)_4TX	82.08M	75.802M	75M8D1D	81.24M	75.802M
802.11ac VHT160_Nss4,(MCS0)_4TX	82.88M	76.042M	76M0D1D	82.16M	75.962M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.96M	19.01M	19M0D1D	21.36M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.2M	37.601M	37M6D1D	39.66M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.84M	77.481M	77M5D1D	80.76M	76.882M
802.11ax HEW160_Nss4,(MCS0)_4TX	148.88M	77.401M	77M4D1D	82M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.84M	17.751M	17M8D1D	15.765M	13.898M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.38M	36.342M	36M3D1D	34.86M	32.989M
802.11ac VHT80_Nss4,(MCS0)_4TX	82.44M	76.042M	76M0D1D	75.6M	72.489M
802.11ac VHT160_Nss4,(MCS0)_4TX	167.04M	155.202M	155MD1D	165.36M	154.723M
802.11ax HEW20_Nss4,(MCS0)_4TX	22.02M	19.07M	19M1D1D	15.645M	14.528M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.2M	37.661M	37M7D1D	34.93M	33.688M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.96M	77.241M	77M2D1D	75.6M	73.088M
802.11ax HEW160_Nss4,(MCS0)_4TX	166.56M	156.402M	156MD1D	165.84M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	3.72M	4.318M	4M32D1D	3.7M	4.218M
802.11ac VHT40_Nss4,(MCS0)_4TX	3.08M	3.958M	3M96D1D	3.08M	3.858M
802.11ac VHT80_Nss4,(MCS0)_4TX	3.1M	22.269M	22M3D1D	3.04M	17.091M
802.11ax HEW20_Nss4,(MCS0)_4TX	4.38M	4.518M	4M52D1D	4.14M	4.478M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.86M	4.058M	4M06D1D	3.68M	4.018M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.74M	15.332M	15M3D1D	3.24M	10.215M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	17.751M	21.6M	17.721M	21.81M	17.721M	21.36M	17.691M
5300MHz	Pass	Inf	21.69M	17.721M	21.51M	17.691M	21.84M	17.751M	21.48M	17.721M
5320MHz	Pass	Inf	21.72M	17.751M	21.57M	17.751M	21.66M	17.751M	21.45M	17.691M
5500MHz	Pass	Inf	21.6M	17.721M	21.6M	17.721M	21.84M	17.721M	21.54M	17.691M
5580MHz	Pass	Inf	21.78M	17.721M	21.66M	17.691M	21.78M	17.751M	21.48M	17.721M
5700MHz	Pass	Inf	21.51M	17.721M	21.51M	17.751M	21.78M	17.721M	21.48M	17.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	13.928M	15.78M	13.928M	15.795M	13.898M	15.765M	13.898M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	4.298M	3.72M	4.318M	3.7M	4.298M	3.72M	4.218M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	36.282M	39.84M	36.282M	39.96M	36.282M	40.08M	36.342M
5310MHz	Pass	Inf	40.26M	36.222M	39.9M	36.222M	39.78M	36.222M	40.08M	36.342M
5510MHz	Pass	Inf	40.38M	36.162M	39.84M	36.222M	39.84M	36.282M	40.08M	36.282M
5550MHz	Pass	Inf	40.08M	36.222M	39.84M	36.342M	39.78M	36.162M	39.96M	36.342M
5670MHz	Pass	Inf	40.2M	36.342M	39.72M	36.222M	39.9M	36.222M	40.08M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.023M	34.86M	33.023M	34.93M	32.989M	35.14M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.958M	3.08M	3.898M	3.08M	3.898M	3.08M	3.858M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	75.802M	81.96M	75.802M	81.24M	75.802M	82.08M	75.802M
5530MHz	Pass	Inf	82.08M	75.802M	81.48M	75.802M	81M	75.802M	81.72M	76.042M
5610MHz	Pass	Inf	82.44M	75.802M	81.24M	75.922M	81.48M	75.682M	81.72M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	72.564M	75.675M	72.489M	75.975M	72.564M	75.6M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.04M	22.269M	3.1M	17.851M	3.04M	17.751M	3.08M	17.091M
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.44M	76.122M	82.64M	75.882M	81.36M	75.802M	81.92M	76.202M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.88M	76.042M	82.8M	76.042M	82.16M	75.962M	82.64M	76.042M
5570MHz	Pass	Inf	167.04M	154.723M	166.32M	154.723M	165.36M	154.723M	166.32M	155.202M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	18.951M	21.96M	18.981M	21.36M	18.981M	21.54M	18.951M
5300MHz	Pass	Inf	21.66M	18.981M	21.69M	18.951M	21.45M	19.01M	21.72M	18.981M
5320MHz	Pass	Inf	21.57M	18.981M	21.93M	18.981M	21.42M	19.01M	21.57M	18.981M
5500MHz	Pass	Inf	21.42M	19.01M	21.96M	18.981M	21.36M	19.01M	21.78M	18.981M
5580MHz	Pass	Inf	21.78M	18.951M	21.93M	18.981M	21.45M	19.07M	21.84M	19.01M
5700MHz	Pass	Inf	21.72M	19.01M	22.02M	18.981M	21.39M	19.04M	21.72M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	14.543M	15.9M	14.528M	15.645M	14.528M	15.765M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.478M	4.38M	4.518M	4.14M	4.498M	4.38M	4.498M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.541M	40.02M	37.541M	39.66M	37.541M	39.96M	37.541M
5310MHz	Pass	Inf	40.14M	37.541M	40.02M	37.541M	39.72M	37.481M	40.2M	37.601M
5510MHz	Pass	Inf	40.14M	37.661M	40.08M	37.481M	39.78M	37.541M	39.96M	37.661M
5550MHz	Pass	Inf	40.08M	37.601M	40.08M	37.661M	39.78M	37.421M	40.08M	37.601M
5670MHz	Pass	Inf	40.14M	37.661M	40.2M	37.541M	39.72M	37.541M	40.02M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	33.723M	34.965M	33.758M	34.93M	33.688M	35.07M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	4.018M	3.72M	4.038M	3.74M	4.018M	3.68M	4.058M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.36M	77.241M	80.76M	76.882M	81.24M	77.121M	81.84M	77.481M
5530MHz	Pass	Inf	81.96M	77.241M	81.24M	76.882M	81.24M	77.241M	81.6M	77.001M
5610MHz	Pass	Inf	81.72M	76.882M	81M	77.001M	81.12M	77.001M	81.84M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.313M	75.6M	73.088M	75.675M	73.238M	75.825M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	15.332M	3.24M	11.074M	3.72M	12.174M	3.72M	10.215M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.12M	77.401M	81.44M	77.561M	81.04M	77.321M	81.28M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	148.88M	77.241M	83.6M	77.401M	83.12M	77.241M	82M	77.401M
5570MHz	Pass	Inf	166.32M	156.402M	165.84M	156.162M	165.84M	155.682M	166.56M	156.162M

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

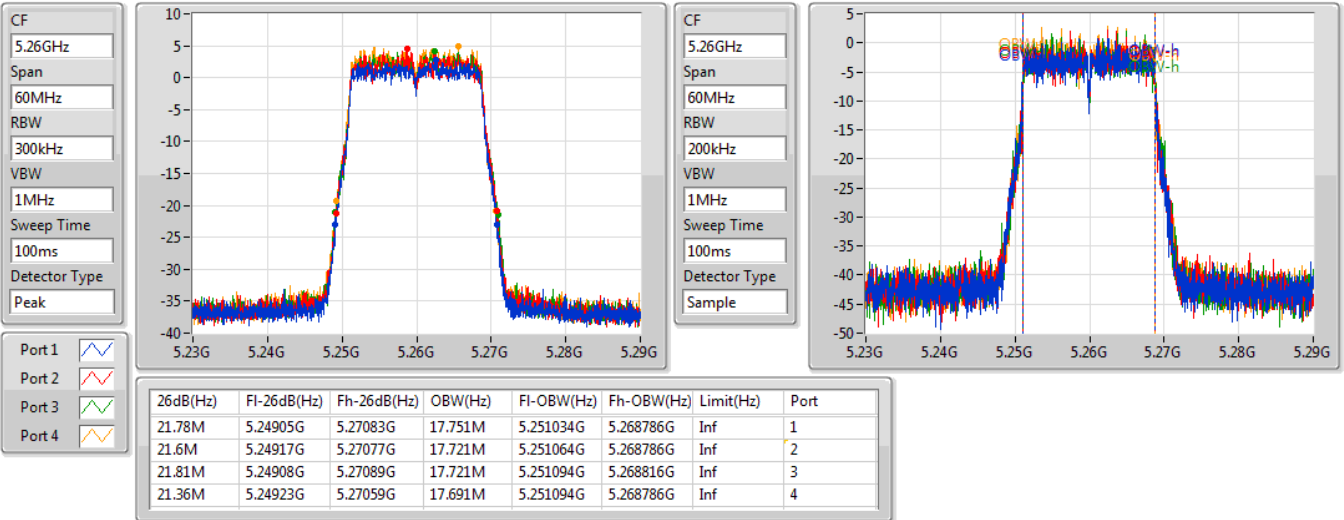
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5260MHz

10/11/2019

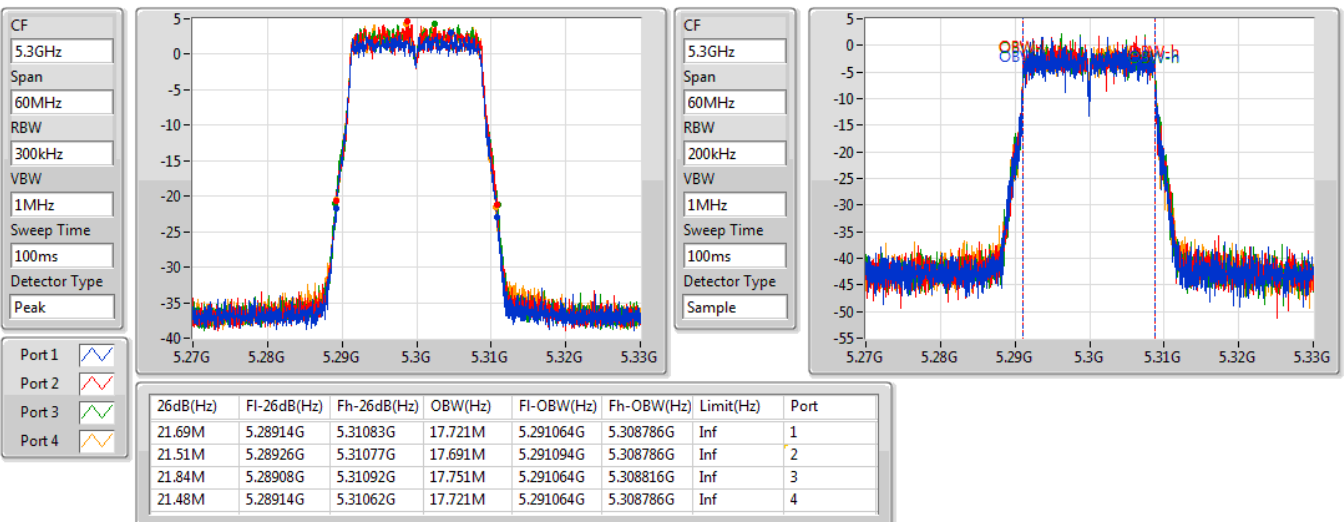


802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5300MHz

10/11/2019



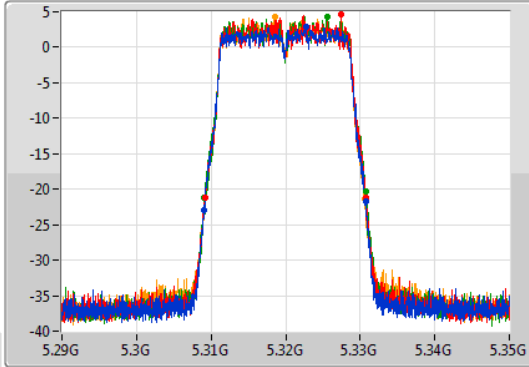
802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

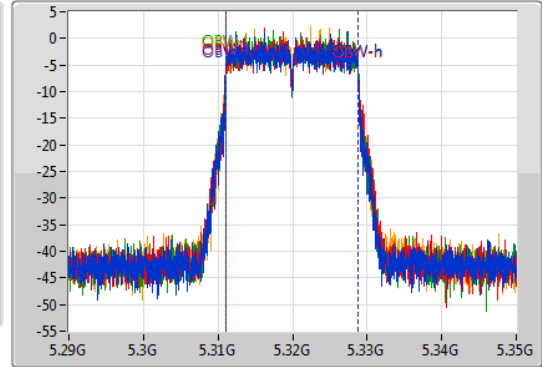
5320MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.30902G	5.33074G	17.751M	5.311034G	5.328786G	Inf	1
21.57M	5.3092G	5.33077G	17.751M	5.311064G	5.328816G	Inf	2
21.66M	5.30911G	5.33077G	17.751M	5.311064G	5.328816G	Inf	3
21.45M	5.30917G	5.33062G	17.691M	5.311094G	5.328786G	Inf	4

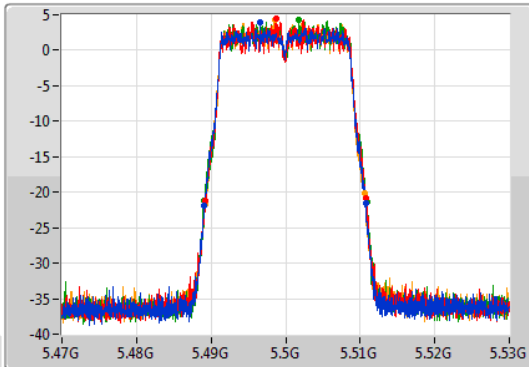
802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5500MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.48911G	5.51071G	17.721M	5.491064G	5.508786G	Inf	1
21.6M	5.4892G	5.5108G	17.721M	5.491094G	5.508816G	Inf	2
21.84M	5.48908G	5.51092G	17.721M	5.491064G	5.508786G	Inf	3
21.54M	5.48914G	5.51068G	17.691M	5.491064G	5.508756G	Inf	4

802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5580MHz

10/11/2019

CF
5.58GHz

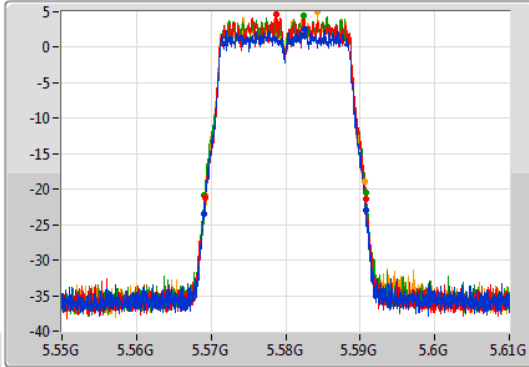
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.58GHz

Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.56902G	5.5908G	17.721M	5.571064G	5.588786G	Inf	1
21.66M	5.56914G	5.5908G	17.691M	5.571094G	5.588786G	Inf	2
21.78M	5.56908G	5.59086G	17.751M	5.571034G	5.588786G	Inf	3
21.48M	5.5692G	5.59068G	17.721M	5.571094G	5.588816G	Inf	4

802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5700MHz

10/11/2019

CF
5.7GHz

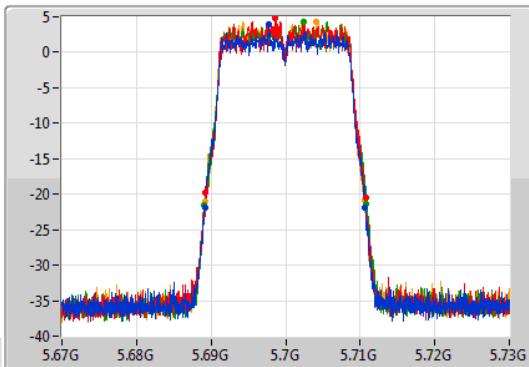
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.7GHz

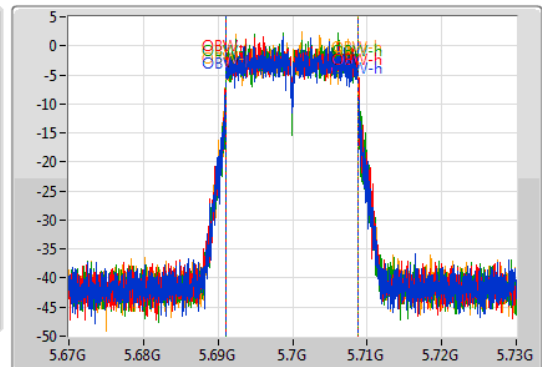
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Sample



Port 1

Port 2

Port 3

Port 4

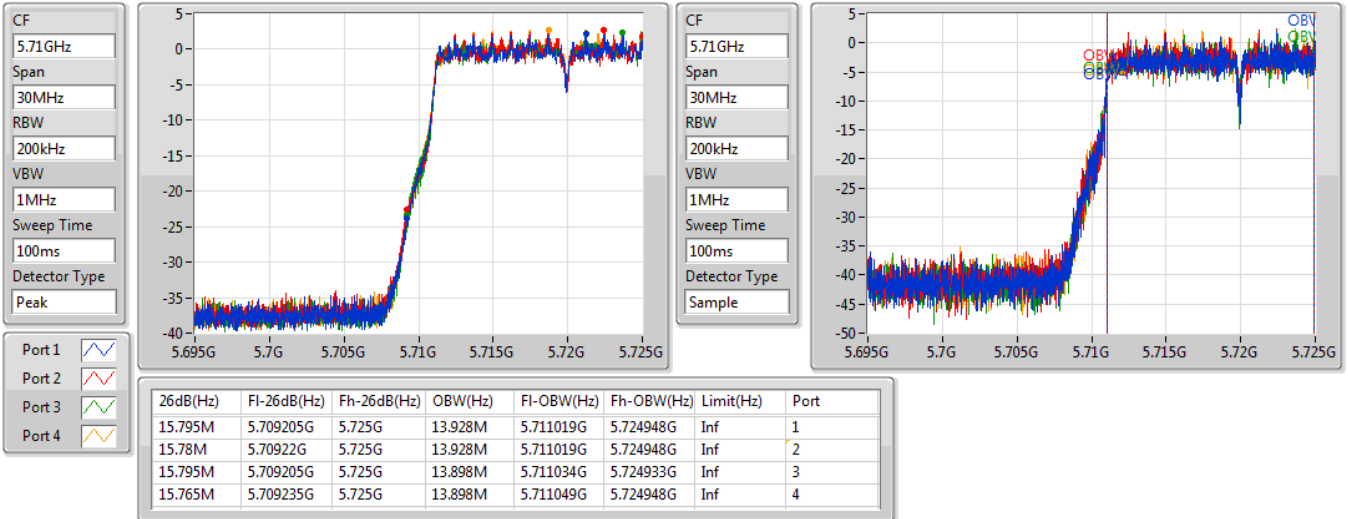
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68914G	5.71065G	17.721M	5.691064G	5.708786G	Inf	1
21.51M	5.68923G	5.71074G	17.751M	5.691064G	5.708816G	Inf	2
21.78M	5.68908G	5.71086G	17.721M	5.691064G	5.708786G	Inf	3
21.48M	5.68914G	5.71062G	17.721M	5.691064G	5.708786G	Inf	4

802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

10/11/2019

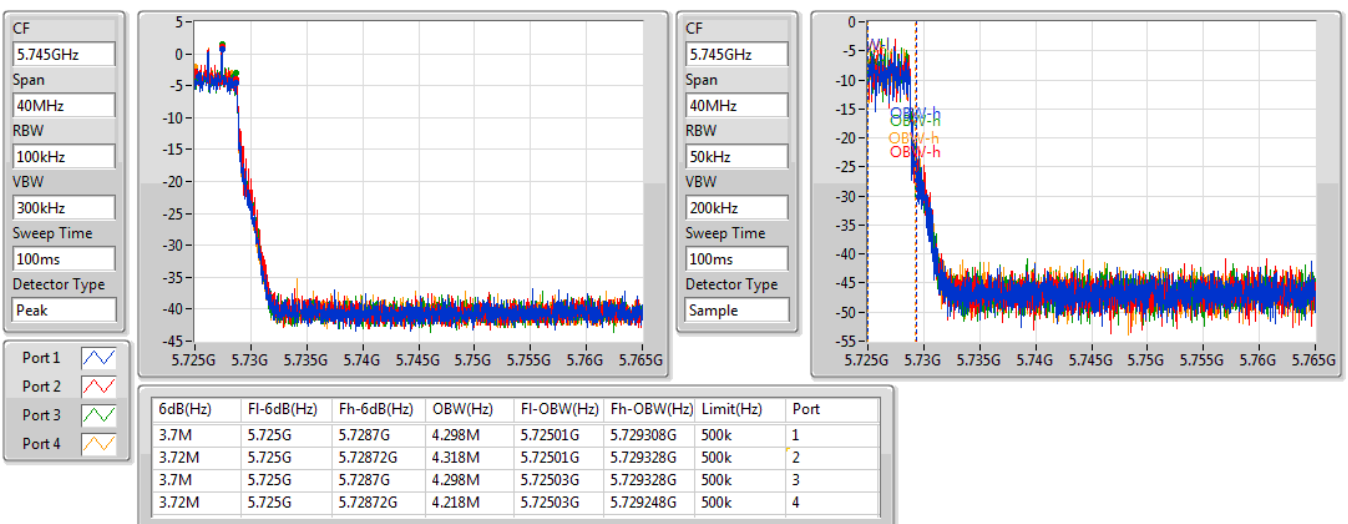


802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

10/11/2019



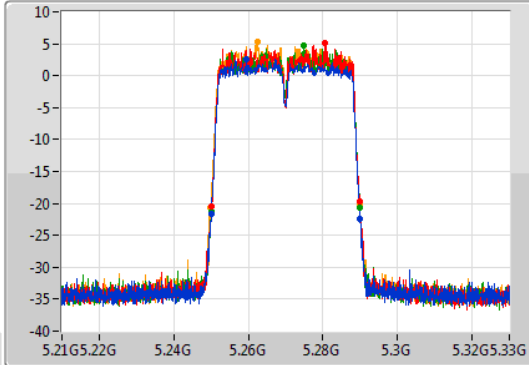
802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

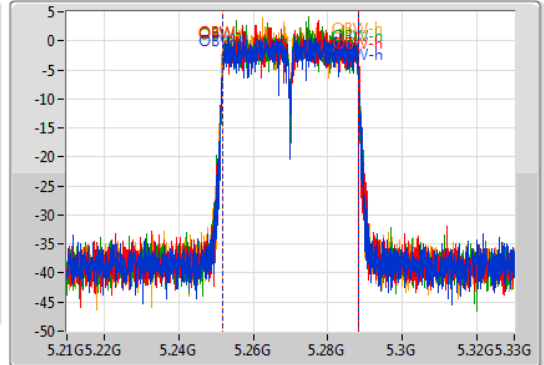
5270MHz

10/11/2019

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



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



Port 1
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	5.24996G	5.29004G	36.282M	5.251769G	5.288051G	Inf	1
39.84M	5.25002G	5.28986G	36.282M	5.251829G	5.288111G	Inf	2
39.96M	5.24996G	5.28992G	36.282M	5.251829G	5.288111G	Inf	3
40.08M	5.24978G	5.28986G	36.342M	5.251709G	5.288051G	Inf	4

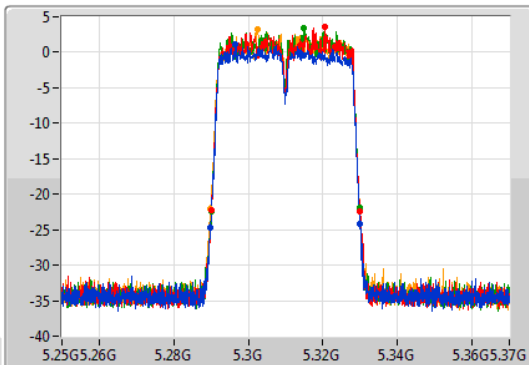
802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

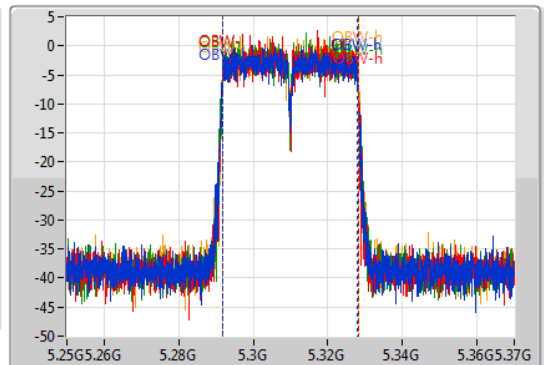
5310MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.28978G	5.33004G	36.222M	5.291769G	5.327991G	Inf	1
39.9M	5.29014G	5.33004G	36.222M	5.291829G	5.328051G	Inf	2
39.78M	5.29008G	5.32986G	36.222M	5.291829G	5.328051G	Inf	3
40.08M	5.2899G	5.32998G	36.342M	5.291769G	5.328111G	Inf	4

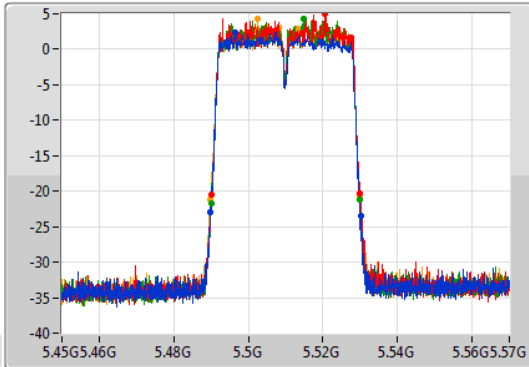
802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

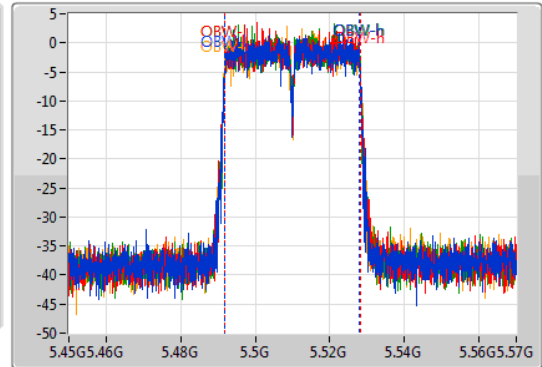
5510MHz

10/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.48972G	5.5301G	36.162M	5.491829G	5.527991G	Inf	1
39.84M	5.49014G	5.52998G	36.222M	5.491829G	5.528051G	Inf	2
39.84M	5.49008G	5.52992G	36.282M	5.491829G	5.528111G	Inf	3
40.08M	5.48984G	5.52992G	36.282M	5.491829G	5.528111G	Inf	4

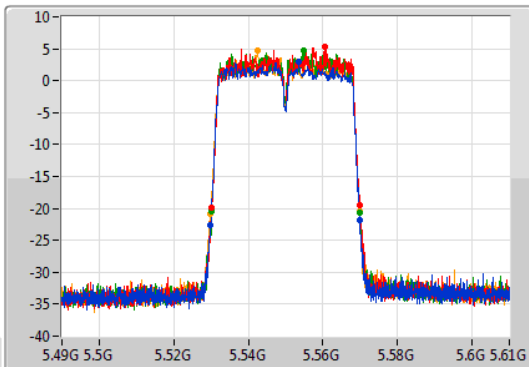
802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

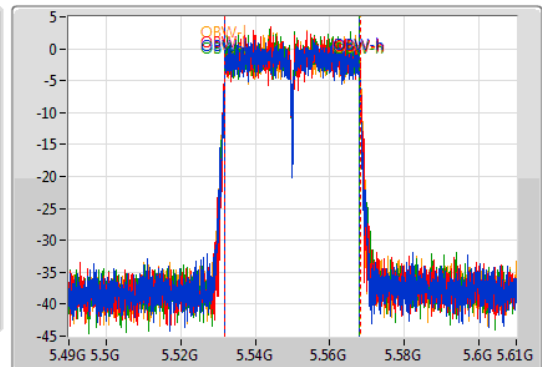
5550MHz

10/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.52984G	5.56992G	36.222M	5.531769G	5.567991G	Inf	1
39.84M	5.53008G	5.56992G	36.342M	5.531769G	5.568111G	Inf	2
39.78M	5.53008G	5.56986G	36.162M	5.531829G	5.567991G	Inf	3
39.96M	5.52984G	5.5698G	36.342M	5.531769G	5.568111G	Inf	4

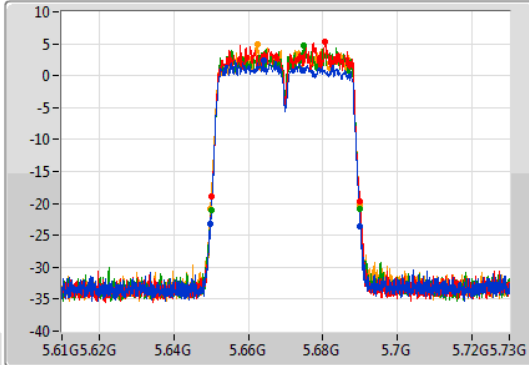
802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

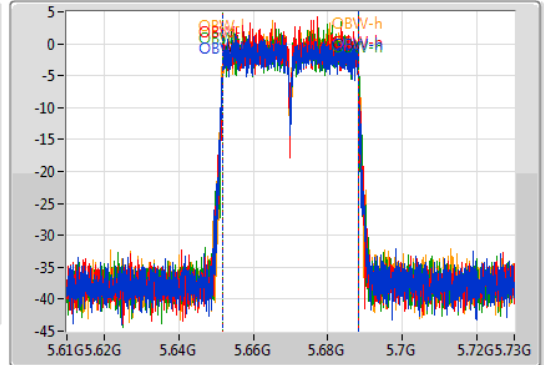
5670MHz

10/11/2019

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



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.64984G	5.69004G	36.342M	5.651709G	5.688051G	Inf	1
39.72M	5.6502G	5.68992G	36.222M	5.651829G	5.688051G	Inf	2
39.9M	5.65002G	5.68992G	36.222M	5.651829G	5.688051G	Inf	3
40.08M	5.64978G	5.68986G	36.222M	5.651829G	5.688051G	Inf	4

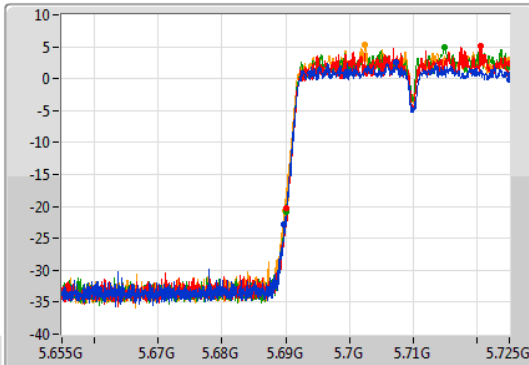
802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

10/11/2019

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



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



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

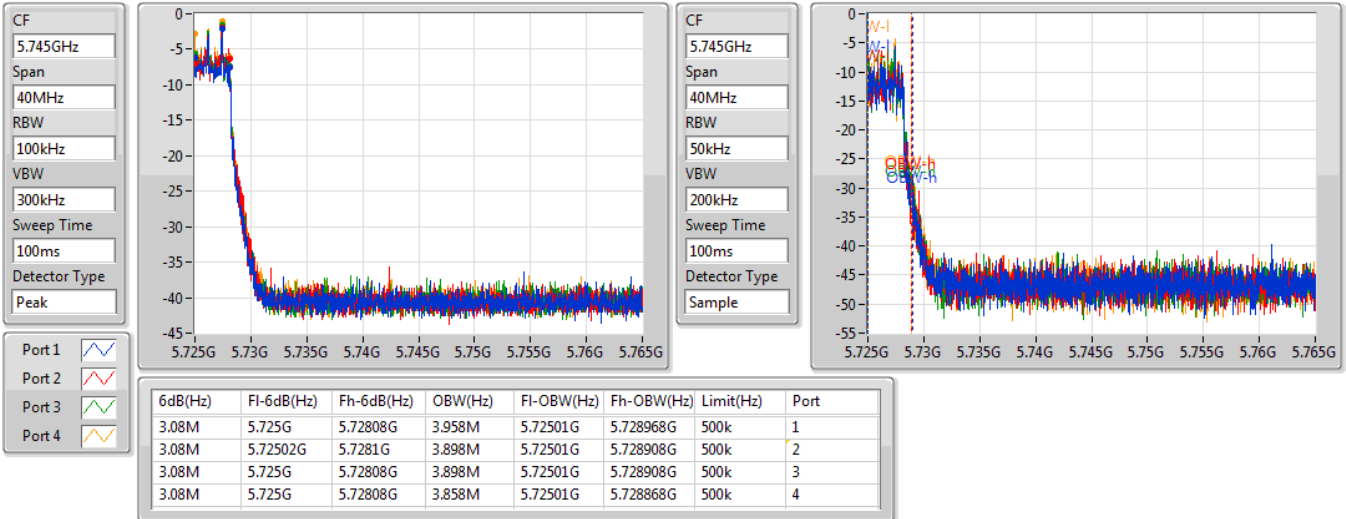
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.21M	5.68979G	5.725G	33.023M	5.691784G	5.724808G	Inf	1
34.86M	5.69014G	5.725G	33.023M	5.691819G	5.724843G	Inf	2
34.93M	5.69007G	5.725G	32.989M	5.691854G	5.724843G	Inf	3
35.14M	5.68986G	5.725G	33.058M	5.691784G	5.724843G	Inf	4

802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

10/11/2019

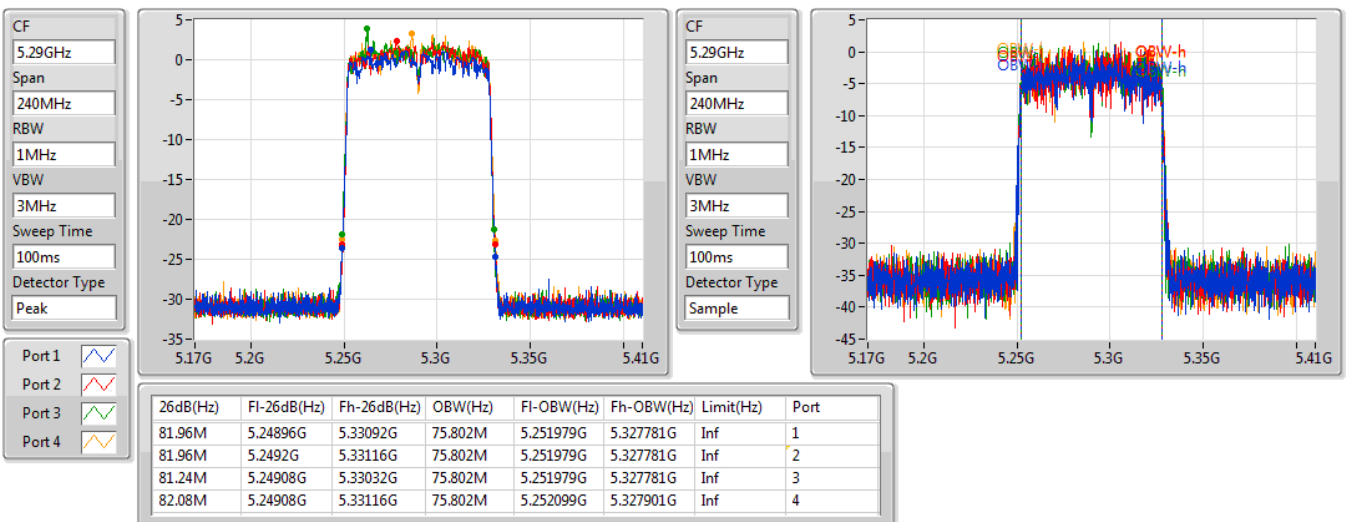


802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

5290MHz

10/11/2019



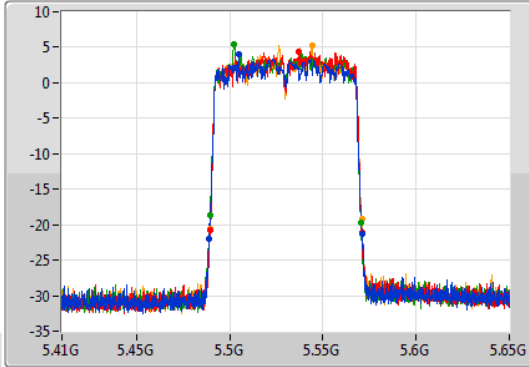
802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

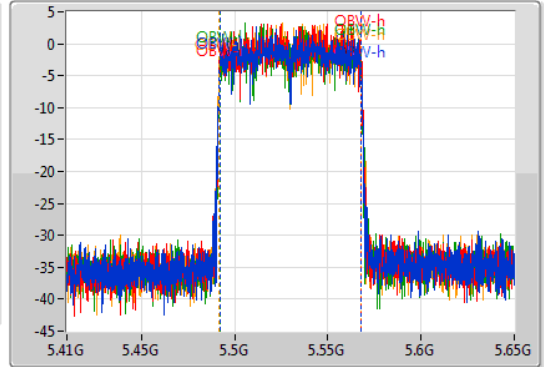
5530MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48884G	5.57092G	75.802M	5.491979G	5.567781G	Inf	1
81.48M	5.48944G	5.57092G	75.802M	5.491979G	5.567781G	Inf	2
81M	5.48944G	5.57044G	75.802M	5.491979G	5.567781G	Inf	3
81.72M	5.48932G	5.57104G	76.042M	5.491859G	5.567901G	Inf	4

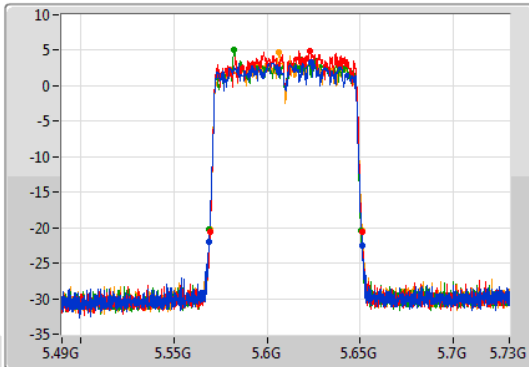
802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

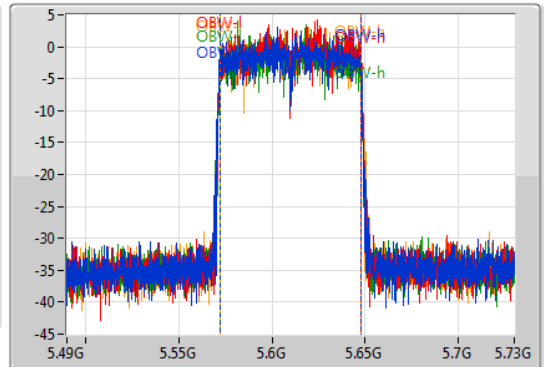
5610MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.56872G	5.65116G	75.802M	5.571979G	5.647781G	Inf	1
81.24M	5.56956G	5.6508G	75.922M	5.572099G	5.648021G	Inf	2
81.48M	5.56896G	5.65044G	75.682M	5.572099G	5.647781G	Inf	3
81.72M	5.56932G	5.65104G	75.922M	5.571979G	5.647901G	Inf	4

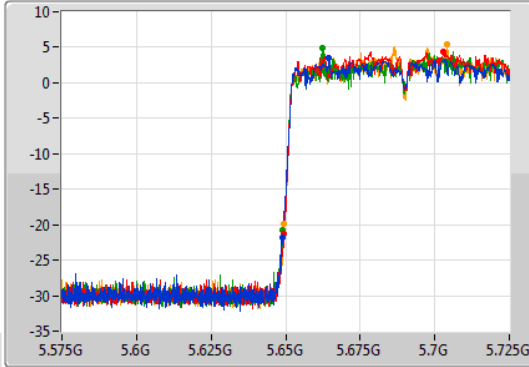
802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

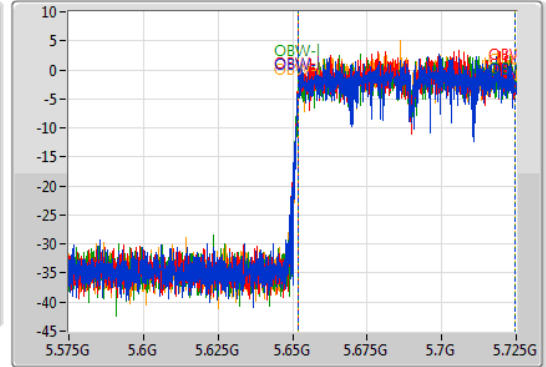
5690MHz Straddle 5.47-5.725GHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.6488G	5.725G	72.564M	5.651949G	5.724513G	Inf	1
75.675M	5.649325G	5.725G	72.489M	5.651949G	5.724438G	Inf	2
75.975M	5.649025G	5.725G	72.564M	5.651949G	5.724513G	Inf	3
75.6M	5.6494G	5.725G	72.564M	5.652024G	5.724588G	Inf	4

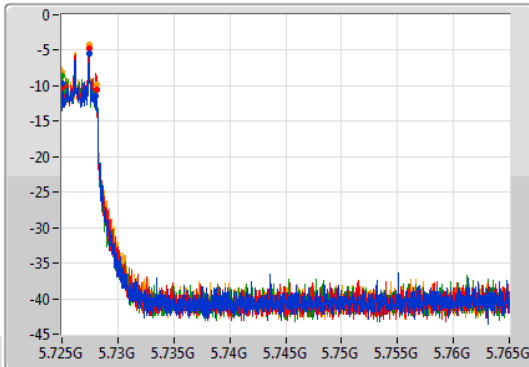
802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

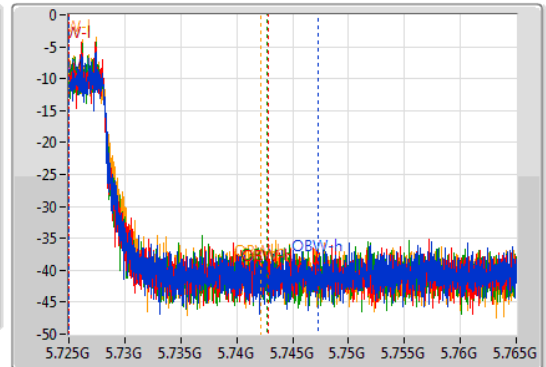
5690MHz Straddle 5.725-5.85GHz

10/11/2019

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



CF
5.745GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



Port 1
Port 2
Port 3
Port 4

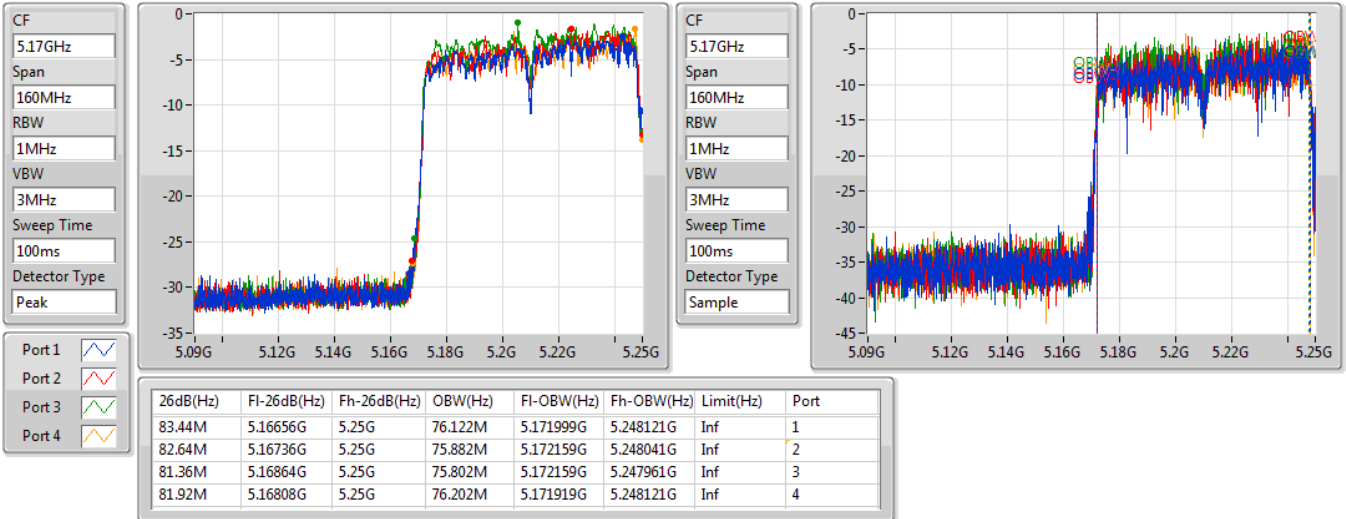
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.04M	5.725G	5.72804G	22.269M	5.72503G	5.747299G	500k	1
3.1M	5.725G	5.7281G	17.851M	5.72501G	5.742861G	500k	2
3.04M	5.725G	5.72804G	17.751M	5.72501G	5.742761G	500k	3
3.08M	5.725G	5.72808G	17.091M	5.72503G	5.742121G	500k	4

802.11ac VHT160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

10/11/2019

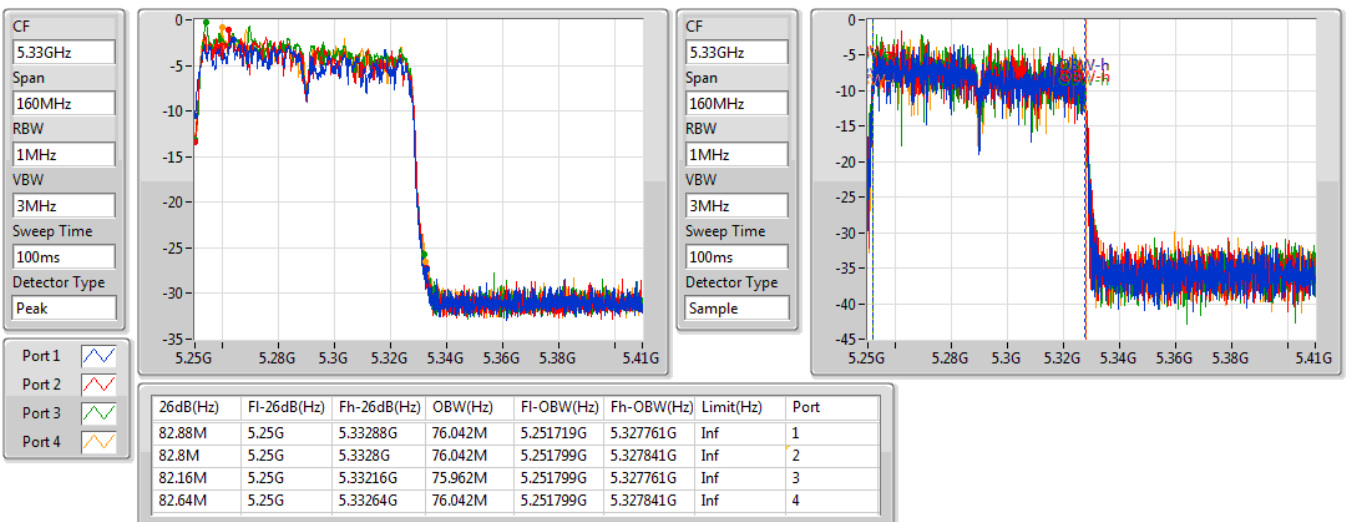


802.11ac VHT160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

10/11/2019



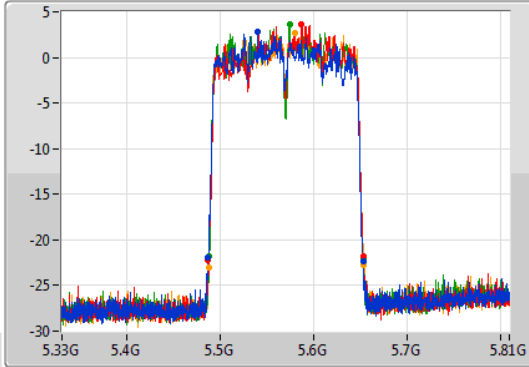
802.11ac VHT160_Nss4,(MCS0)_4TX

EBW

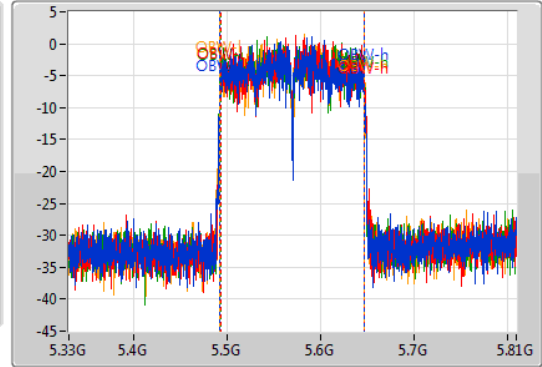
5570MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
167.04M	5.486G	5.65304G	154.723M	5.492279G	5.647001G	Inf	1
166.32M	5.48696G	5.65328G	154.723M	5.492759G	5.647481G	Inf	2
165.36M	5.48768G	5.65304G	154.723M	5.492519G	5.647241G	Inf	3
166.32M	5.48768G	5.654G	155.202M	5.492279G	5.647481G	Inf	4

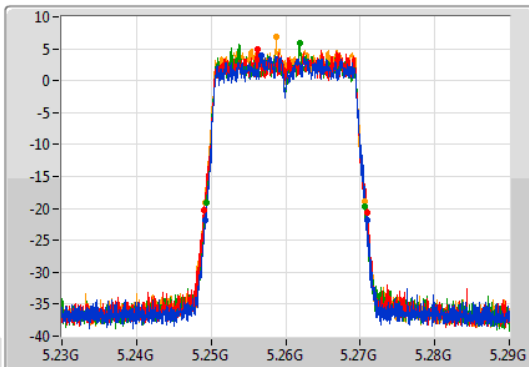
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

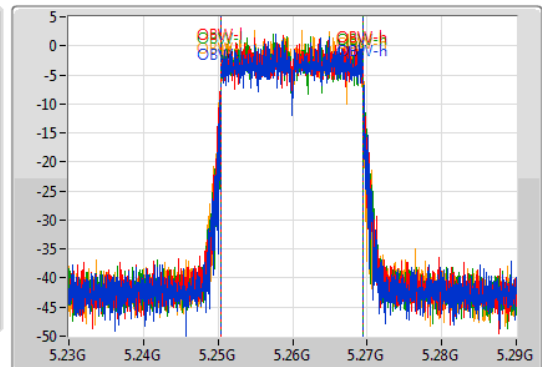
5260MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.24926G	5.27089G	18.951M	5.250465G	5.269415G	Inf	1
21.96M	5.24905G	5.27101G	18.981M	5.250435G	5.269415G	Inf	2
21.36M	5.24932G	5.27068G	18.981M	5.250435G	5.269415G	Inf	3
21.54M	5.24914G	5.27068G	18.951M	5.250465G	5.269415G	Inf	4

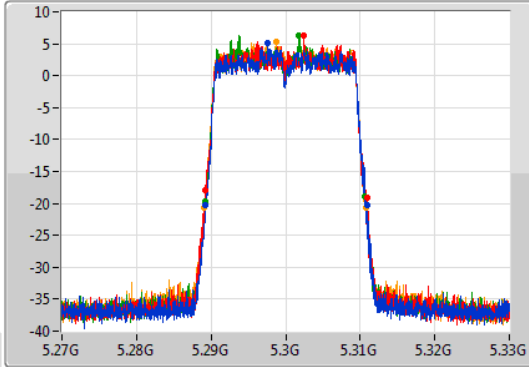
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

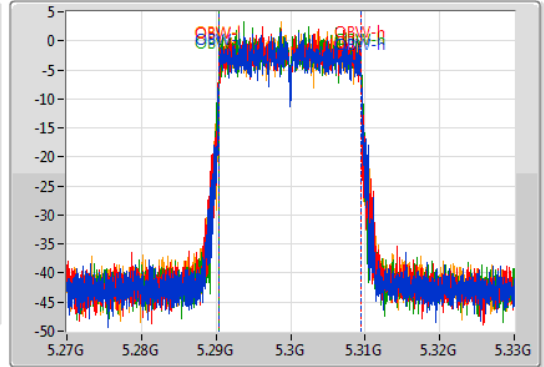
5300MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.28926G	5.31092G	18.981M	5.290435G	5.309415G	Inf	1
21.69M	5.2892G	5.31089G	18.951M	5.290435G	5.309385G	Inf	2
21.45M	5.28923G	5.31068G	19.01M	5.290435G	5.309445G	Inf	3
21.72M	5.28908G	5.3108G	18.981M	5.290435G	5.309415G	Inf	4

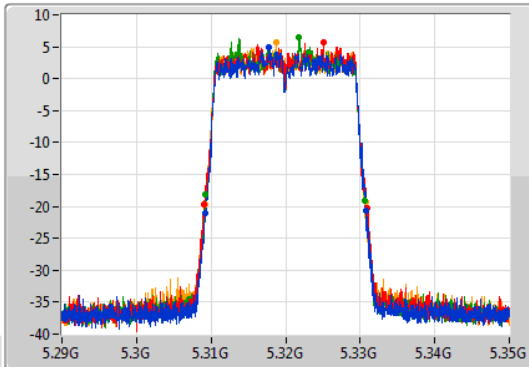
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

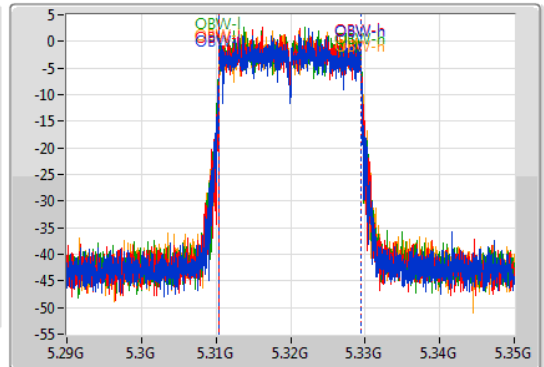
5320MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.30929G	5.33086G	18.981M	5.310435G	5.329415G	Inf	1
21.93M	5.30905G	5.33098G	18.981M	5.310465G	5.329445G	Inf	2
21.42M	5.30926G	5.33068G	19.01M	5.310405G	5.329415G	Inf	3
21.57M	5.30914G	5.33071G	18.981M	5.310435G	5.329415G	Inf	4

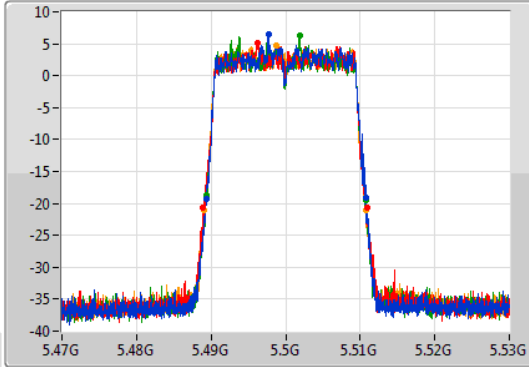
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

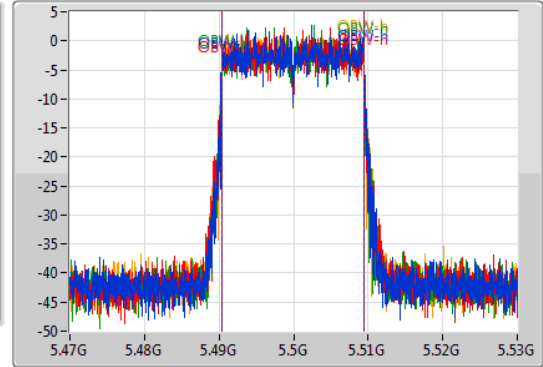
5500MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48935G	5.51077G	19.01M	5.490435G	5.509445G	Inf	1
21.96M	5.48896G	5.51092G	18.981M	5.490435G	5.509415G	Inf	2
21.36M	5.48935G	5.51071G	19.01M	5.490405G	5.509415G	Inf	3
21.78M	5.48905G	5.51083G	18.981M	5.490435G	5.509415G	Inf	4

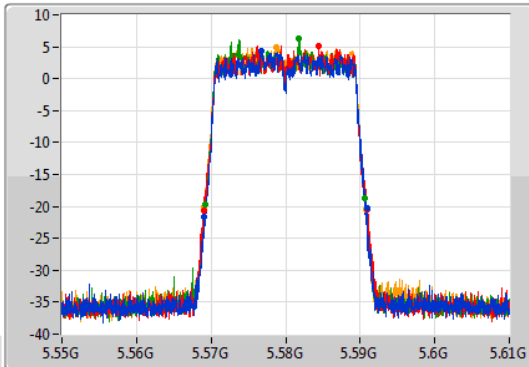
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

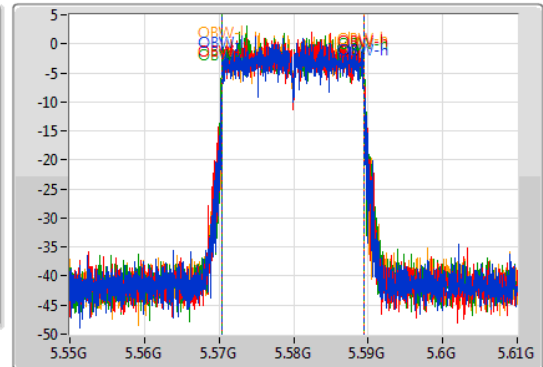
5580MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.56911G	5.59089G	18.951M	5.570435G	5.589385G	Inf	1
21.93M	5.56899G	5.59092G	18.981M	5.570435G	5.589415G	Inf	2
21.45M	5.56923G	5.59068G	19.07M	5.570375G	5.589445G	Inf	3
21.84M	5.56902G	5.59086G	19.01M	5.570405G	5.589415G	Inf	4

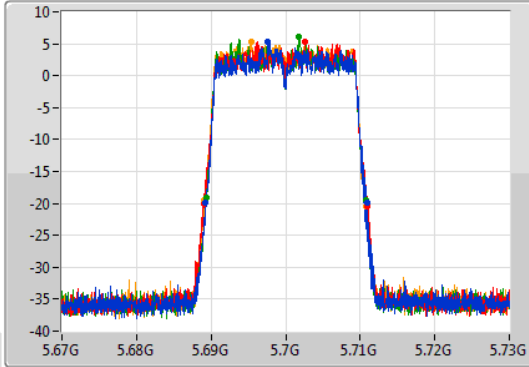
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

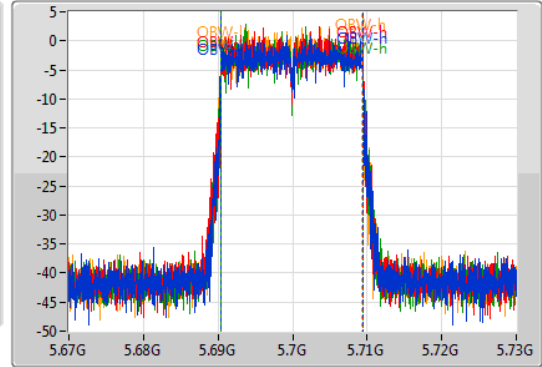
5700MHz

09/11/2019

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



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



Port 1
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	5.6892G	5.71092G	19.01M	5.690405G	5.709415G	Inf	1
22.02M	5.68899G	5.71101G	18.981M	5.690465G	5.709445G	Inf	2
21.39M	5.68932G	5.71071G	19.04M	5.690405G	5.709445G	Inf	3
21.72M	5.68908G	5.7108G	18.921M	5.690435G	5.709355G	Inf	4

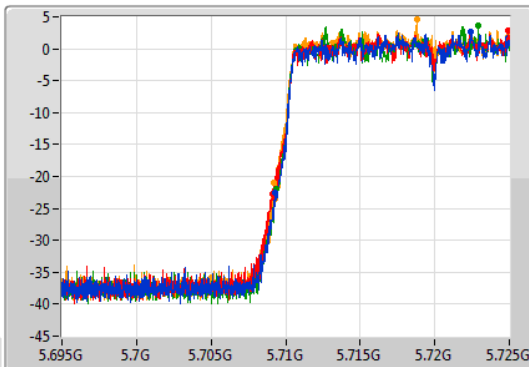
802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

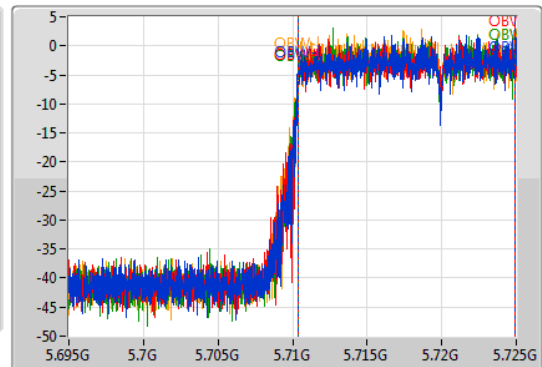
5720MHz Straddle 5.47-5.725GHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

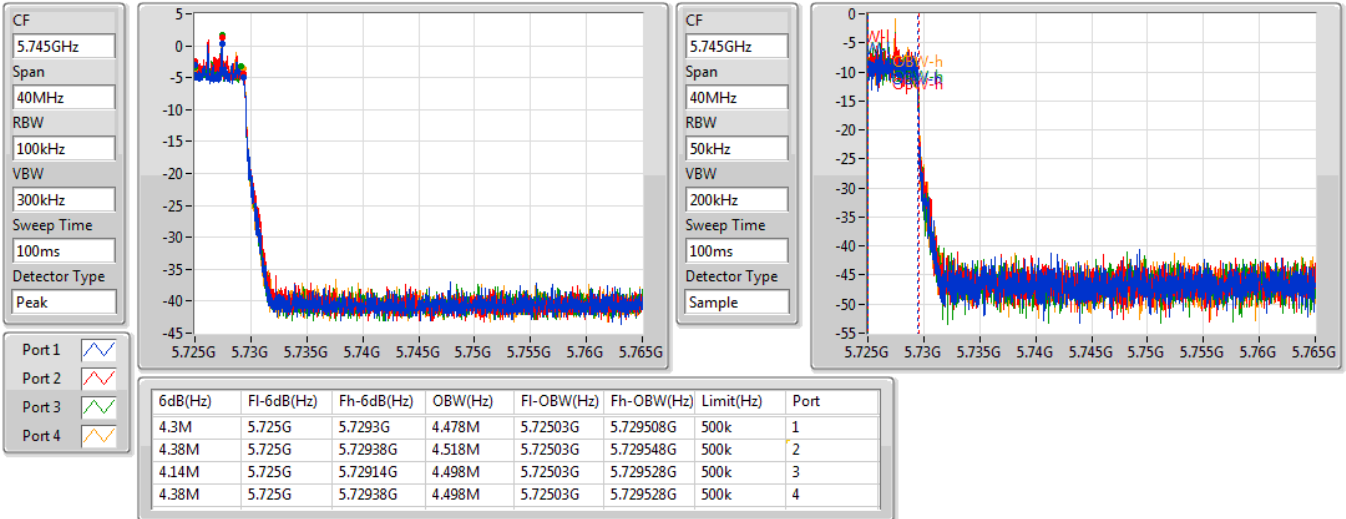
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	5.70925G	5.725G	14.543M	5.710405G	5.724948G	Inf	1
15.9M	5.7091G	5.725G	14.528M	5.710405G	5.724933G	Inf	2
15.645M	5.709355G	5.725G	14.528M	5.710405G	5.724933G	Inf	3
15.765M	5.709235G	5.725G	14.543M	5.710405G	5.724948G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/11/2019

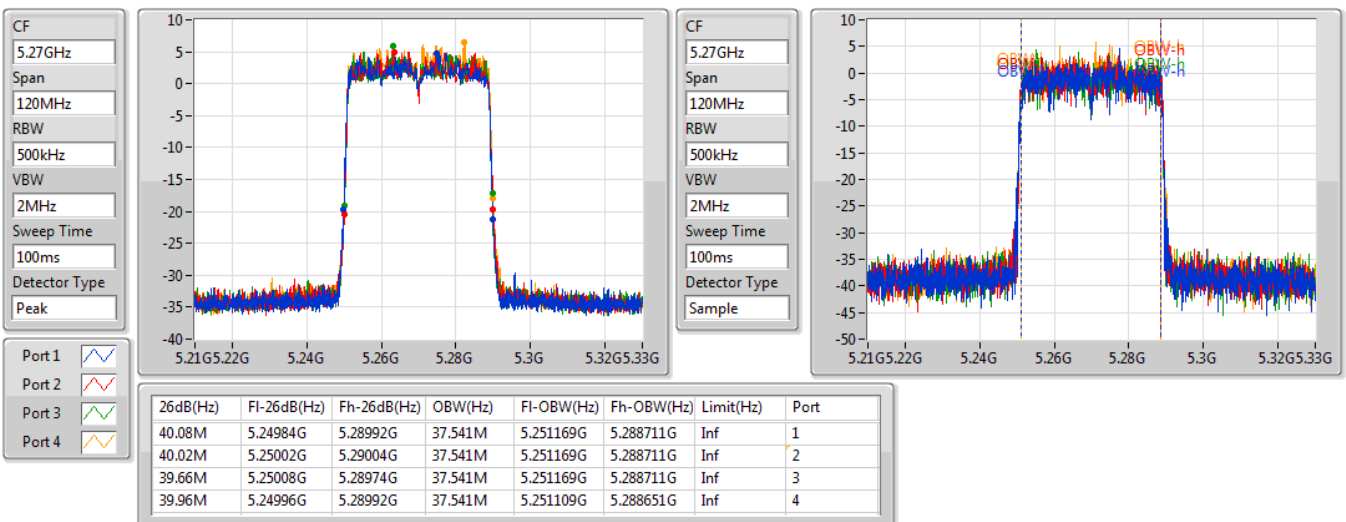


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5270MHz

09/11/2019



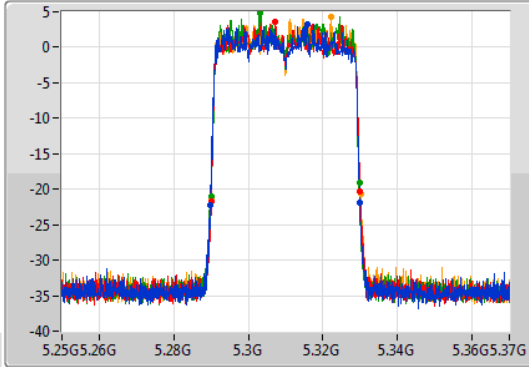
802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

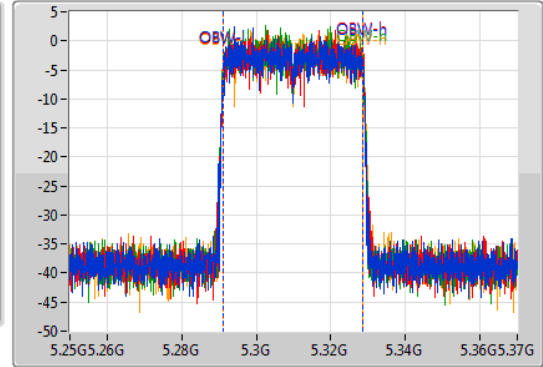
5310MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.28972G	5.32986G	37.541M	5.291109G	5.328651G	Inf	1
40.02M	5.29002G	5.33004G	37.541M	5.291169G	5.328711G	Inf	2
39.72M	5.29002G	5.32974G	37.481M	5.291169G	5.328651G	Inf	3
40.2M	5.28996G	5.33016G	37.601M	5.291109G	5.328711G	Inf	4

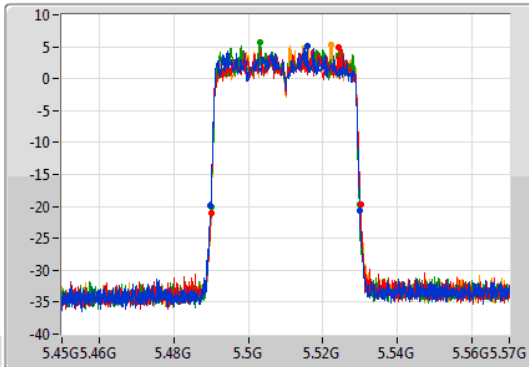
802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

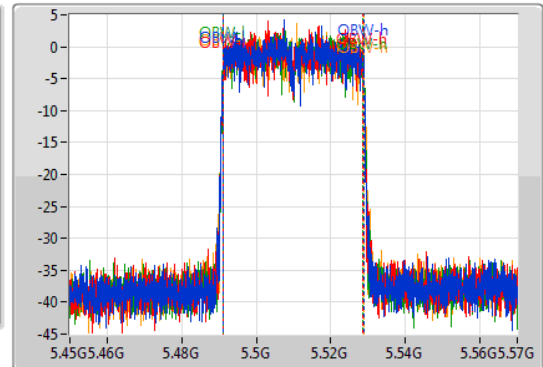
5510MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.48978G	5.52992G	37.661M	5.491109G	5.528771G	Inf	1
40.08M	5.49002G	5.5301G	37.481M	5.491169G	5.528651G	Inf	2
39.78M	5.48996G	5.52974G	37.541M	5.491109G	5.528651G	Inf	3
39.96M	5.49002G	5.52998G	37.661M	5.491109G	5.528771G	Inf	4

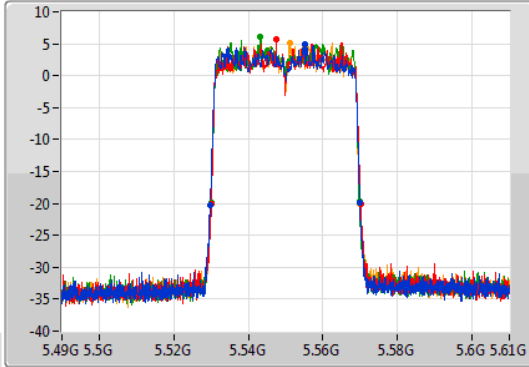
802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

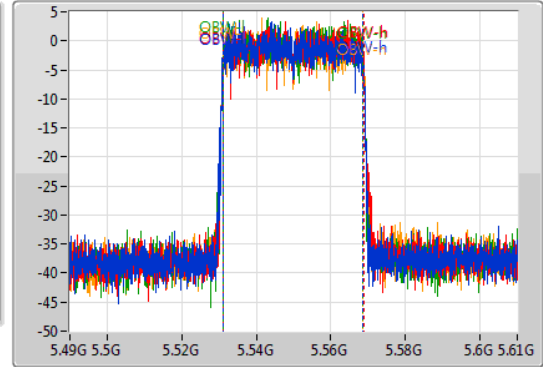
5550MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.52978G	5.56986G	37.601M	5.531049G	5.568651G	Inf	1
40.08M	5.53002G	5.5701G	37.661M	5.531109G	5.568771G	Inf	2
39.78M	5.52996G	5.56974G	37.421M	5.531229G	5.568651G	Inf	3
40.08M	5.52996G	5.57004G	37.601M	5.531109G	5.568711G	Inf	4

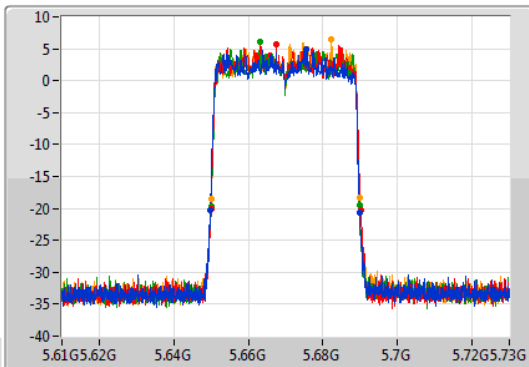
802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

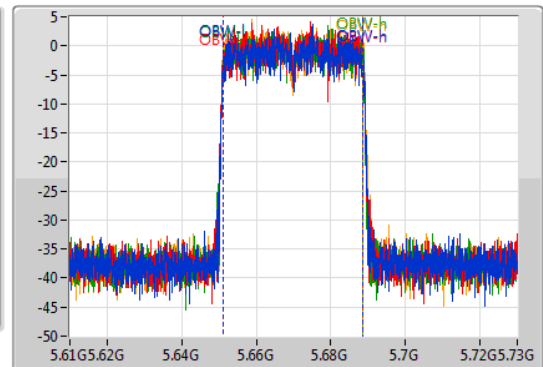
5670MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

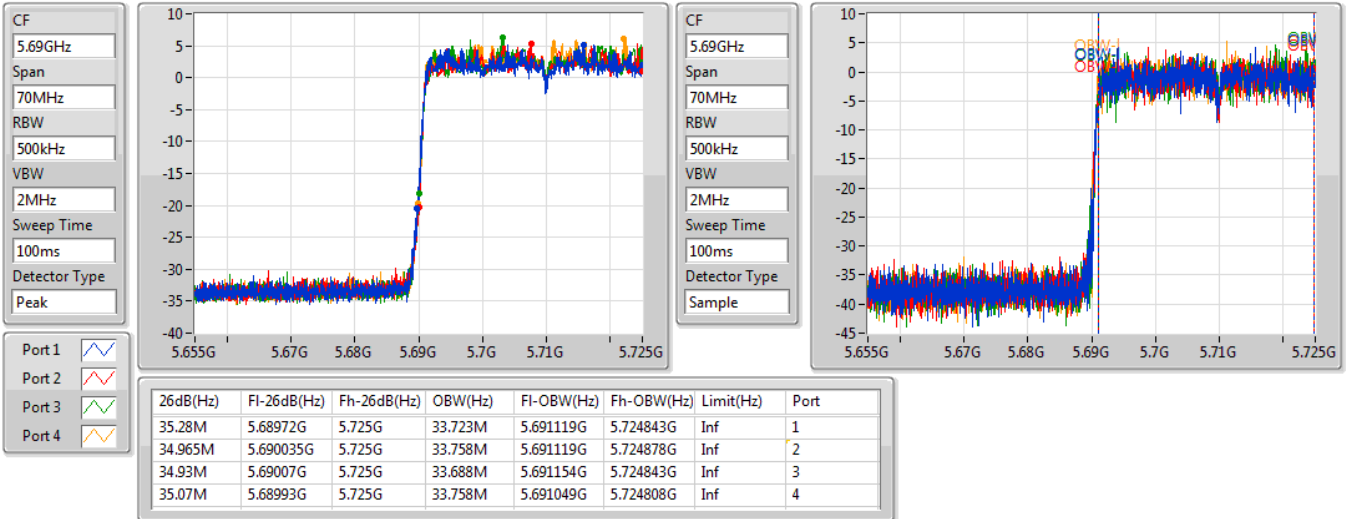
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.64972G	5.68986G	37.661M	5.651049G	5.688711G	Inf	1
40.2M	5.65002G	5.69022G	37.541M	5.651109G	5.688651G	Inf	2
39.72M	5.65002G	5.68974G	37.541M	5.651169G	5.688711G	Inf	3
40.02M	5.64996G	5.68998G	37.601M	5.651109G	5.688711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

09/11/2019

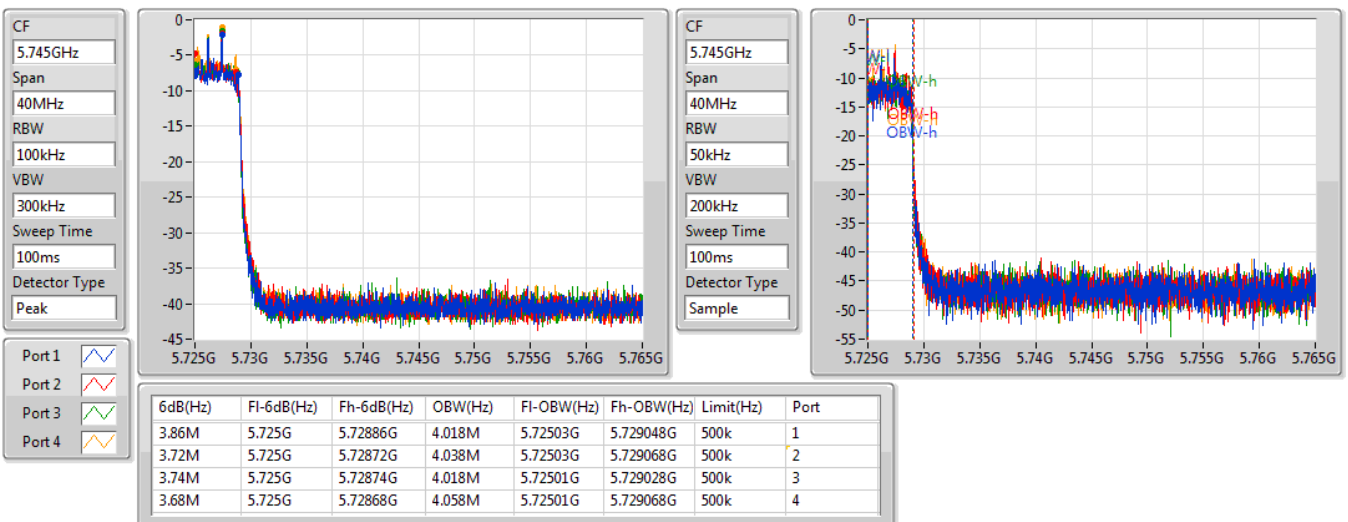


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

09/11/2019



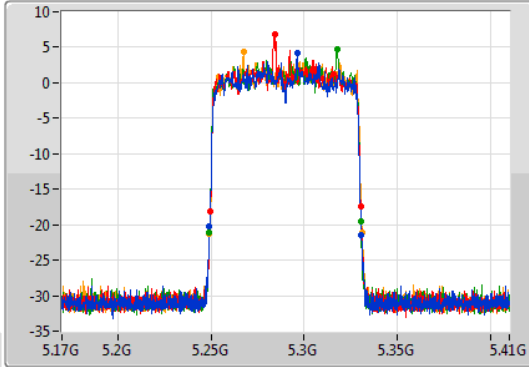
802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

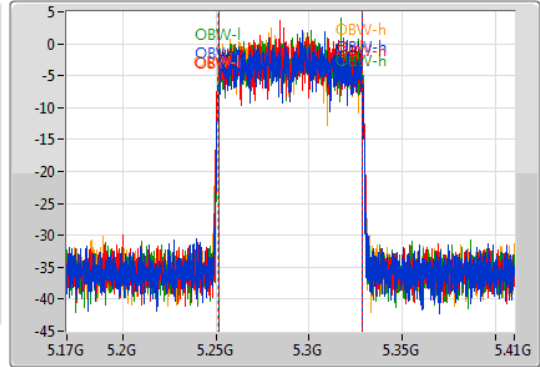
5290MHz

09/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.2492G	5.33056G	77.241M	5.251259G	5.328501G	Inf	1
80.76M	5.24956G	5.33032G	76.882M	5.251259G	5.328141G	Inf	2
81.24M	5.2492G	5.33044G	77.121M	5.251379G	5.328501G	Inf	3
81.84M	5.2492G	5.33104G	77.481M	5.251139G	5.328621G	Inf	4

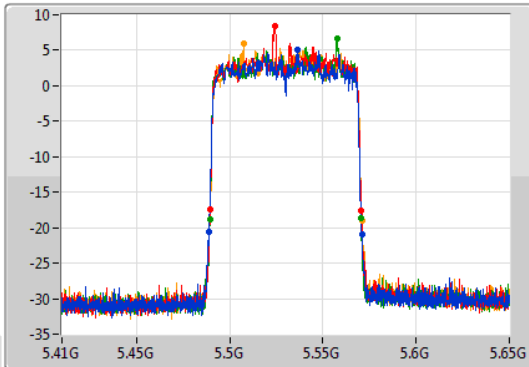
802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

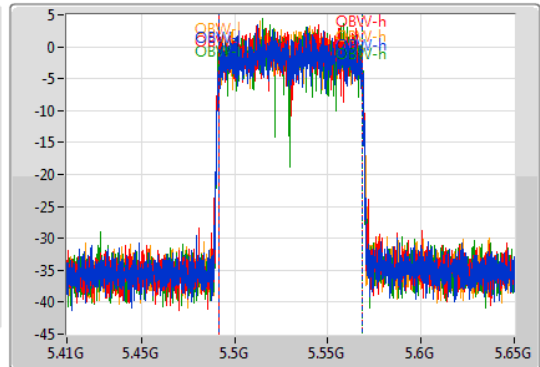
5530MHz

10/11/2019

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



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



Port 1
Port 2
Port 3
Port 4

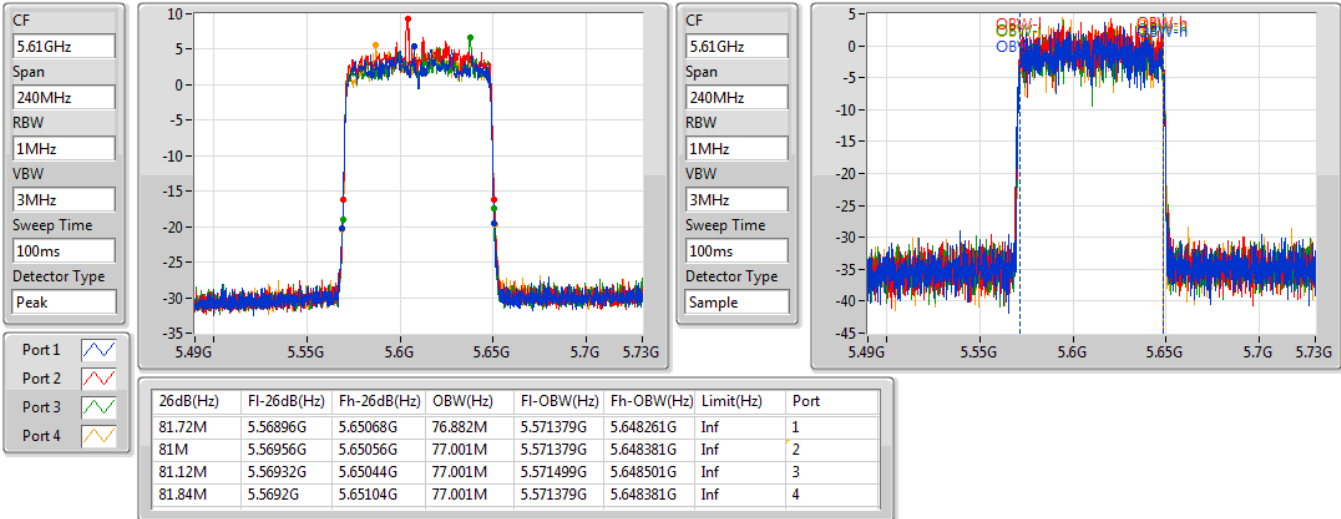
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.48884G	5.5708G	77.241M	5.491259G	5.568501G	Inf	1
81.24M	5.48944G	5.57068G	76.882M	5.491499G	5.568381G	Inf	2
81.24M	5.48932G	5.57056G	77.241M	5.491259G	5.568501G	Inf	3
81.6M	5.48932G	5.57092G	77.001M	5.491499G	5.568501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5610MHz

10/11/2019

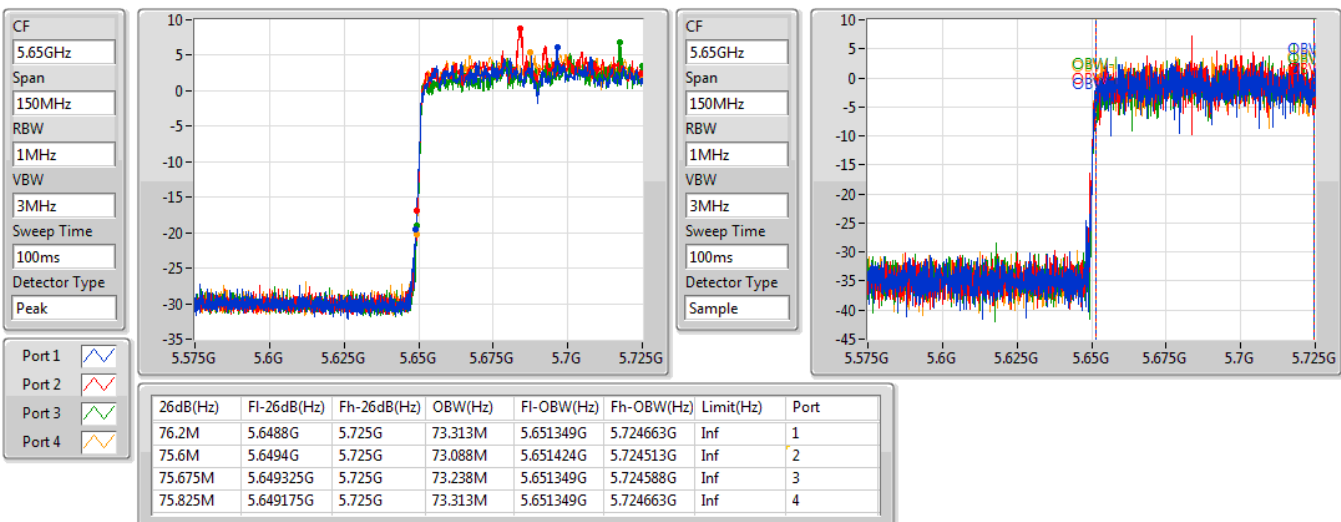


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

10/11/2019



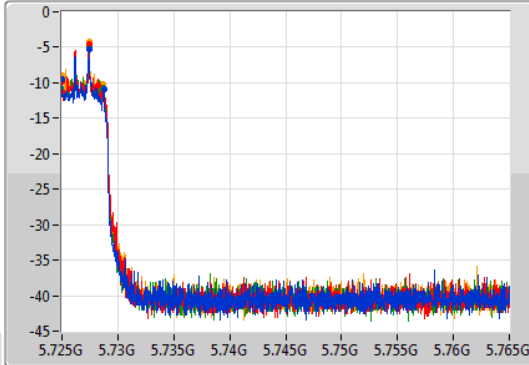
802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

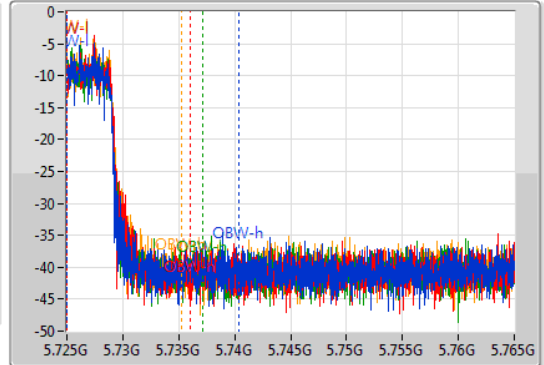
5690MHz Straddle 5.725-5.85GHz

10/11/2019

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



CF
5.745GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
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
3.74M	5.725G	5.72874G	15.332M	5.72503G	5.740362G	500k	1
3.24M	5.725G	5.72824G	11.074M	5.72501G	5.736084G	500k	2
3.72M	5.725G	5.72872G	12.174M	5.72501G	5.737184G	500k	3
3.72M	5.725G	5.72872G	10.215M	5.72501G	5.735225G	500k	4

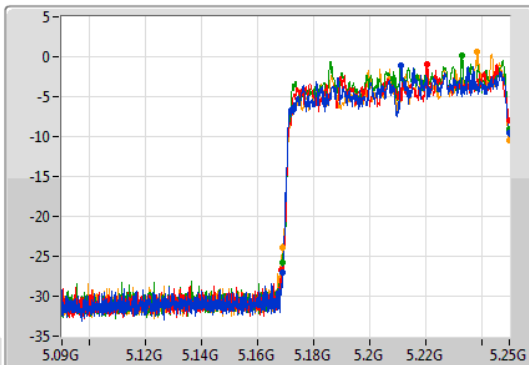
802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

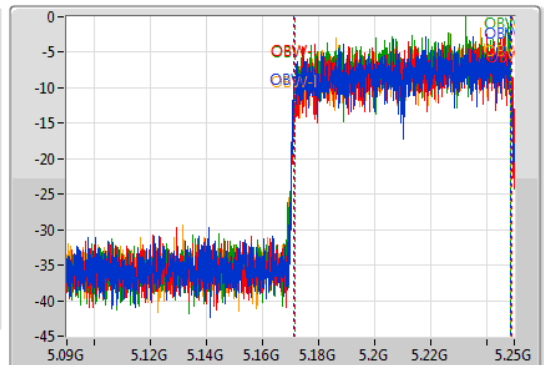
5250MHz Straddle 5.15-5.25GHz

10/11/2019

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

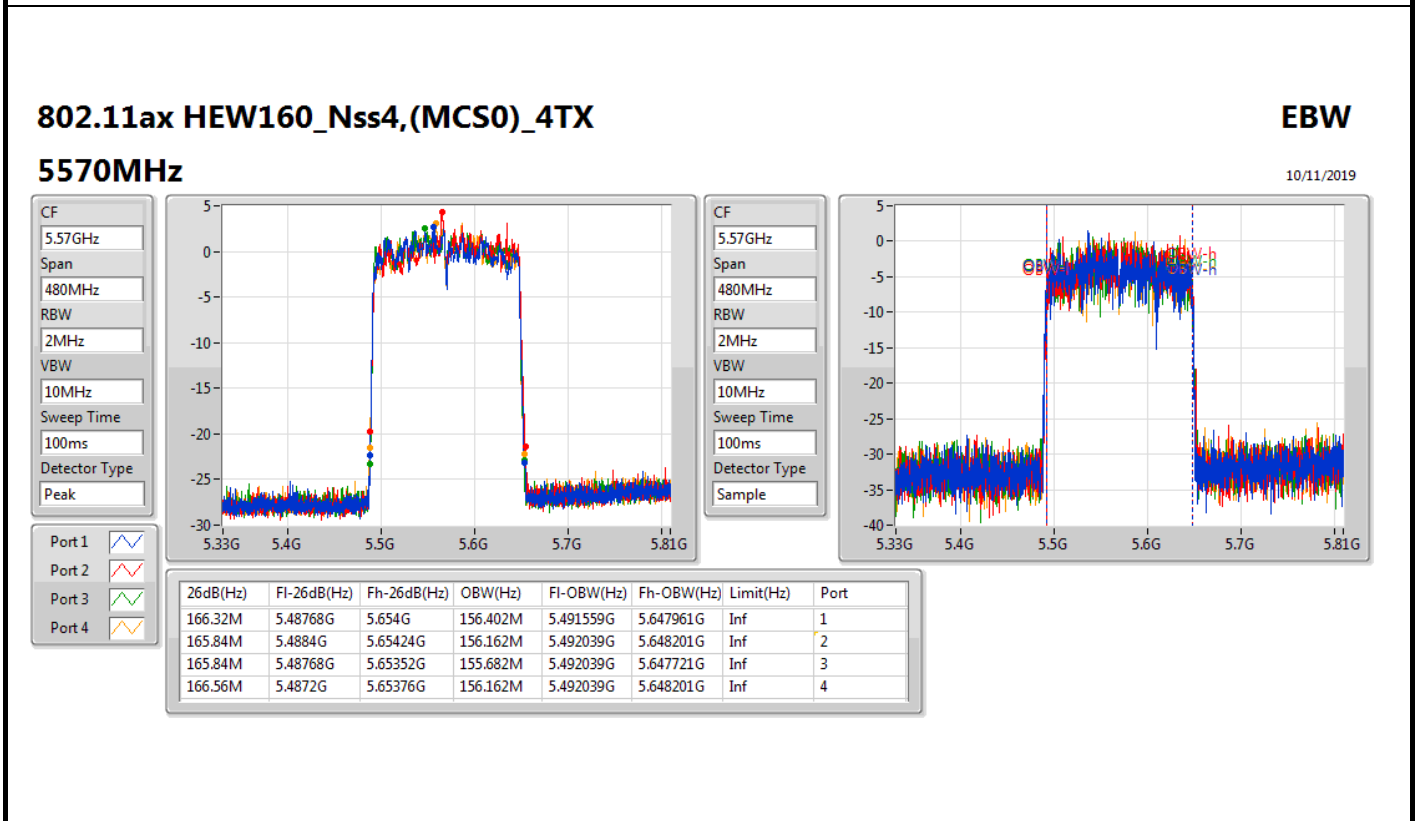
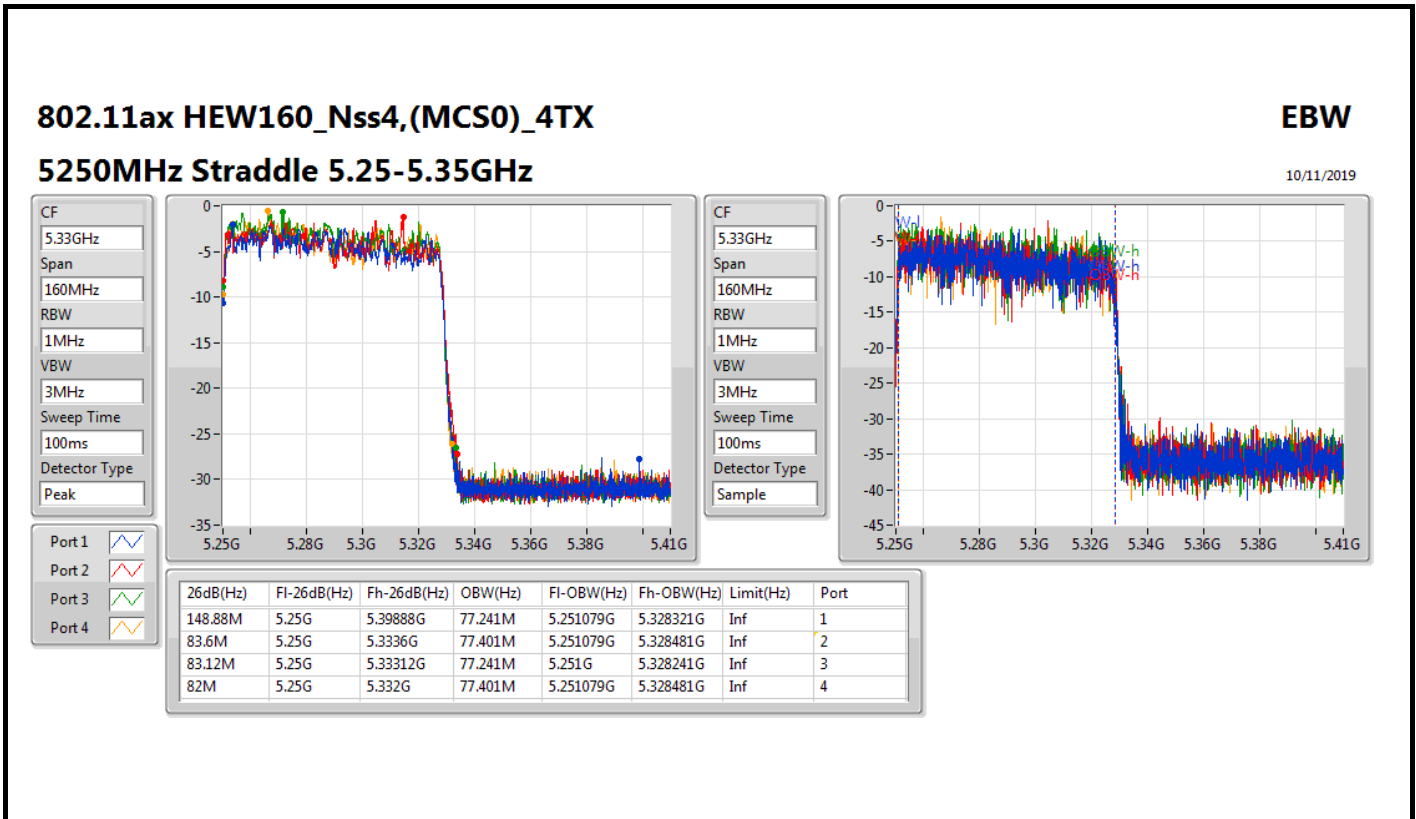


CF
5.17GHz
Span
160MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



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
81.12M	5.16888G	5.25G	77.401M	5.171199G	5.248601G	Inf	1
81.44M	5.16856G	5.25G	77.561M	5.171359G	5.248921G	Inf	2
81.04M	5.16896G	5.25G	77.321M	5.171439G	5.248761G	Inf	3
81.28M	5.16872G	5.25G	77.321M	5.171359G	5.248681G	Inf	4





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	43.35M	18.921M	18M9D1D	39.66M	16.882M
802.11ac VHT20_Nss1,(MCS0)_1TX	44.04M	18.771M	18M8D1D	23.61M	17.811M
802.11ac VHT40_Nss1,(MCS0)_1TX	87.78M	37.721M	37M7D1D	54.12M	36.402M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.2M	75.682M	75M7D1D	82.2M	75.682M
802.11ax HEW20_Nss1,(MCS0)_1TX	42.21M	19.82M	19M8D1D	25.77M	19.04M
802.11ax HEW40_Nss1,(MCS0)_1TX	92.34M	38.501M	38M5D1D	40.14M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.96M	77.121M	77M1D1D	81.96M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.41M	19.16M	19M2D1D	22.59M	14.903M
802.11ac VHT20_Nss1,(MCS0)_1TX	43.92M	18.591M	18M6D1D	21.84M	14.528M
802.11ac VHT40_Nss1,(MCS0)_1TX	89.52M	38.201M	38M2D1D	46.74M	34.143M
802.11ac VHT80_Nss1,(MCS0)_1TX	156.48M	76.762M	76M8D1D	81.72M	73.988M
802.11ax HEW20_Nss1,(MCS0)_1TX	42.36M	19.46M	19M5D1D	22.29M	14.843M
802.11ax HEW40_Nss1,(MCS0)_1TX	87.3M	38.981M	39M0D1D	40.02M	34.248M
802.11ax HEW80_Nss1,(MCS0)_1TX	182.4M	78.201M	78M2D1D	82.44M	74.138M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	10.675M	10M7D1D	3.1M	10.675M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.74M	9.915M	9M9D1D	3.74M	9.915M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.12M	23.948M	23M9D1D	3.12M	23.948M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.08M	37.281M	37M3D1D	3.08M	37.281M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.42M	11.074M	11M1D1D	4.42M	11.074M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.86M	24.628M	24M6D1D	3.86M	24.628M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.78M	35.982M	36M0D1D	3.78M	35.982M

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	43.35M	18.921M
5300MHz	Pass	Inf	42.78M	17.721M
5320MHz	Pass	Inf	39.66M	16.882M
5500MHz	Pass	Inf	22.59M	16.672M
5580MHz	Pass	Inf	43.41M	19.16M
5700MHz	Pass	Inf	24.6M	16.702M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.06M	14.903M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	10.675M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.92M	18.771M
5300MHz	Pass	Inf	44.04M	18.621M
5320MHz	Pass	Inf	23.61M	17.811M
5500MHz	Pass	Inf	21.84M	17.871M
5580MHz	Pass	Inf	43.92M	18.591M
5700MHz	Pass	Inf	21.93M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.27M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	9.915M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	87.78M	37.721M
5310MHz	Pass	Inf	54.12M	36.402M
5510MHz	Pass	Inf	46.74M	36.342M
5550MHz	Pass	Inf	89.52M	38.201M
5670MHz	Pass	Inf	75.42M	36.702M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	59.955M	34.143M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	23.948M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.682M
5530MHz	Pass	Inf	81.72M	75.802M
5610MHz	Pass	Inf	156.48M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	121.8M	73.988M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	37.281M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	42.21M	19.73M
5300MHz	Pass	Inf	42.18M	19.82M
5320MHz	Pass	Inf	25.77M	19.04M
5500MHz	Pass	Inf	22.71M	19.04M
5580MHz	Pass	Inf	42.36M	19.46M
5700MHz	Pass	Inf	22.29M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.53M	14.843M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	11.074M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	92.34M	38.501M
5310MHz	Pass	Inf	40.14M	37.601M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5510MHz	Pass	Inf	40.02M	37.601M
5550MHz	Pass	Inf	87.3M	38.981M
5670MHz	Pass	Inf	62.46M	37.841M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	55.055M	34.248M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	24.628M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	81.96M	77.121M
5530MHz	Pass	Inf	82.44M	77.121M
5610MHz	Pass	Inf	182.4M	78.201M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	126.525M	74.138M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	35.982M

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

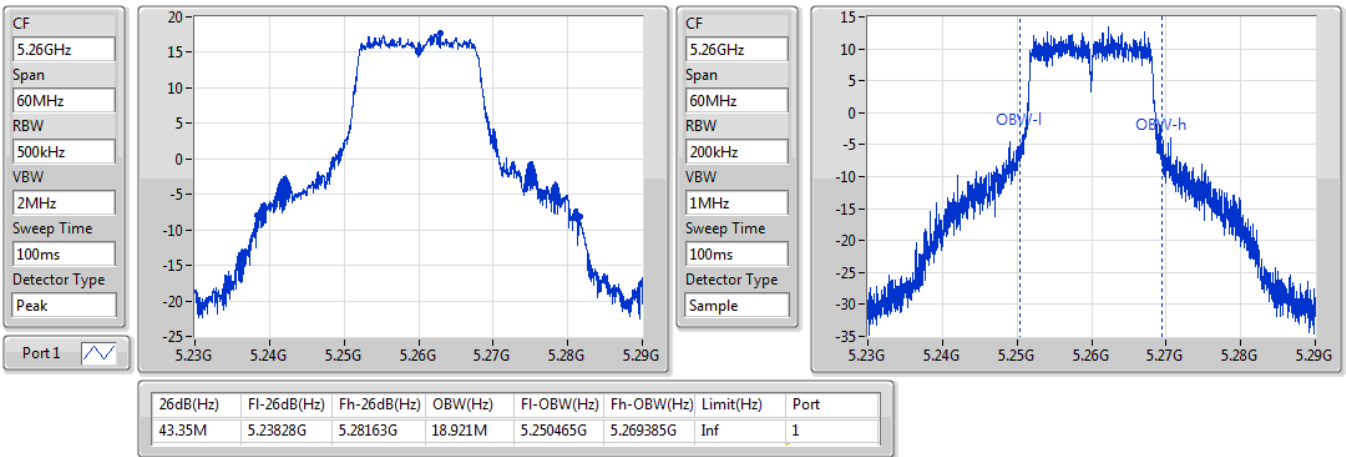
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

31/10/2019

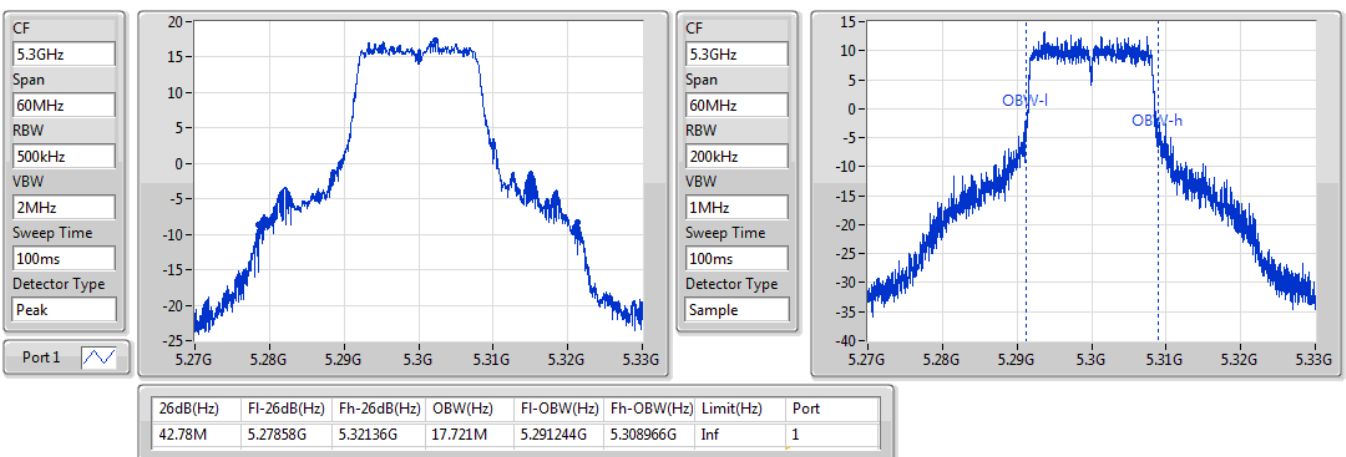


802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

31/10/2019



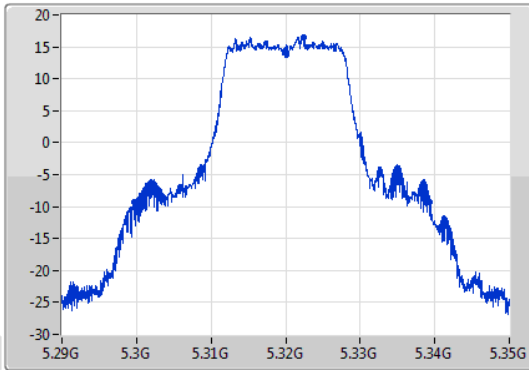
802.11a_Nss1,(6Mbps)_1TX

EBW

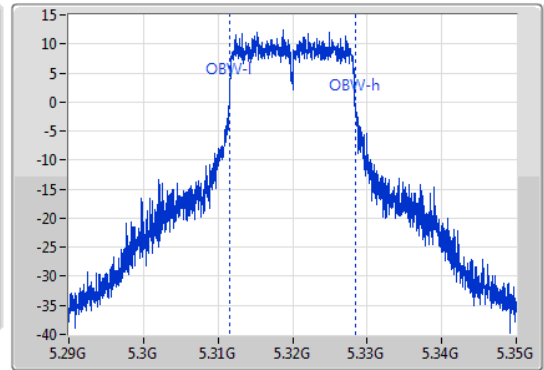
5320MHz

31/10/2019

CF
5.32GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
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
39.66M	5.29972G	5.33938G	16.882M	5.311544G	5.328426G	Inf	1

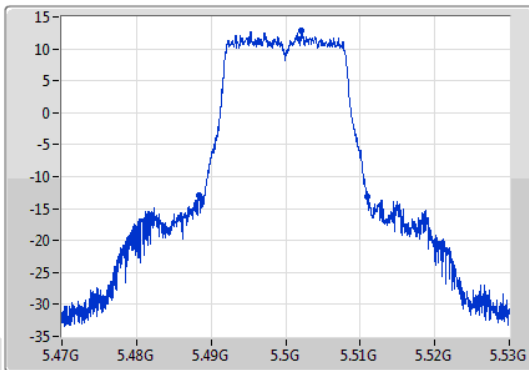
802.11a_Nss1,(6Mbps)_1TX

EBW

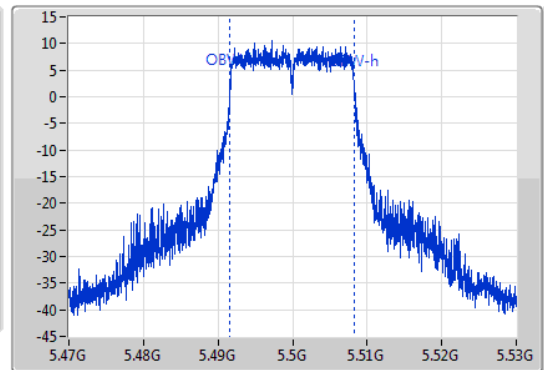
5500MHz

31/10/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.59M	5.48839G	5.51098G	16.672M	5.491634G	5.508306G	Inf	1

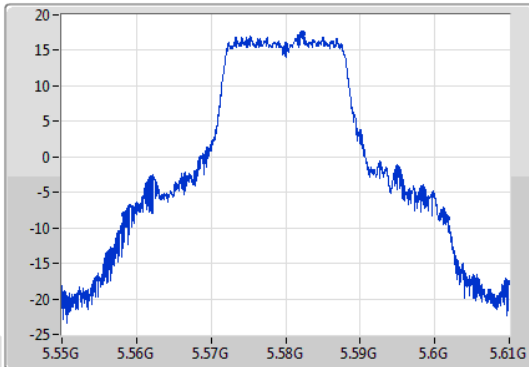
802.11a_Nss1,(6Mbps)_1TX

EBW

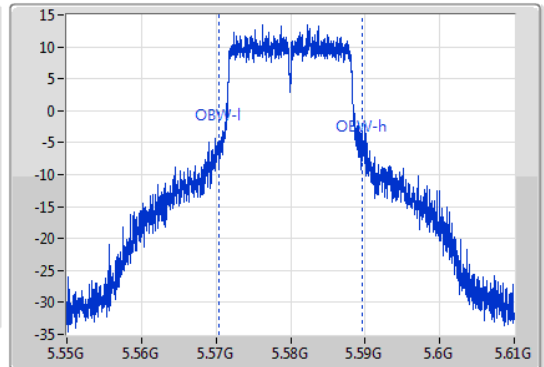
5580MHz

31/10/2019

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.41M	5.55828G	5.60169G	19.16M	5.570465G	5.589625G	Inf	1

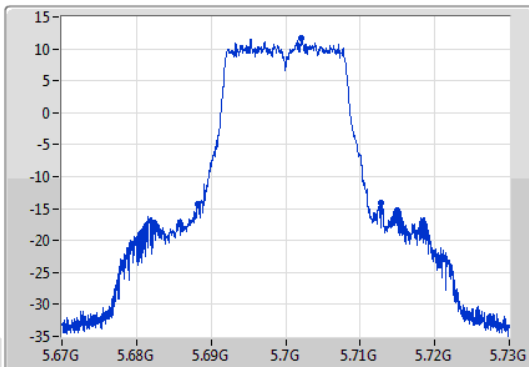
802.11a_Nss1,(6Mbps)_1TX

EBW

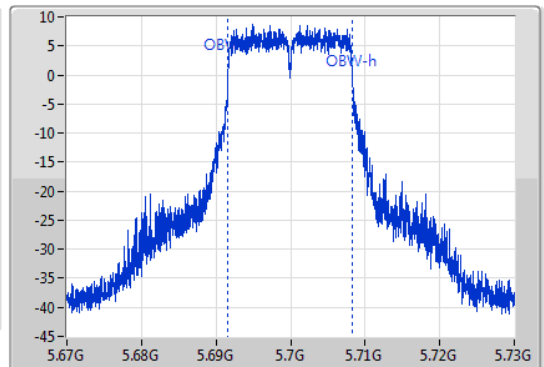
5700MHz

31/10/2019

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
24.6M	5.68818G	5.71278G	16.702M	5.691634G	5.708336G	Inf	1

