



Non-beamforming mode

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	41.052M	18.735M	18M7D1D	21.318M	16.729M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	37.554M	19.43M	19M4D1D	21.318M	19.04M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	88.704M	38.681M	38M7D1D	39.732M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	81.312M	76.762M	76M8D1D	81.048M	76.762M
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	81.04M	77.081M	77M1D1D	80.64M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.78M	16.782M	16M8D1D	21.054M	16.703M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.582M	19.1M	19M1D1D	21.252M	19.04M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	39.864M	37.601M	37M6D1D	39.336M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	81.576M	76.882M	76M9D1D	80.784M	76.762M
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	81.12M	77.081M	77M1D1D	80.8M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.78M	16.756M	16M8D1D	15.615M	13.388M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	21.912M	19.13M	19M1D1D	15.66M	14.543M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	39.864M	37.541M	37M5D1D	34.825M	33.653M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	81.312M	76.882M	76M9D1D	75.6M	72.939M
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	164.736M	155.682M	156MD1D	164.208M	155.442M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.302M	22.904M	22M9D1D	3.12M	4.078M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	18.876M	24.618M	24M6D1D	4.44M	4.538M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	37.488M	41.079M	41M1D1D	3.72M	4.018M
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	75.504M	77.241M	77M2D1D	3.8M	4.178M

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 / Minimum 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	-	-	-	-	-	-
5180MHz	Pass	Inf	21.714M	16.729M	21.318M	16.835M
5200MHz	Pass	Inf	38.808M	18.735M	37.158M	17.89M
5240MHz	Pass	Inf	41.052M	18.735M	40.194M	17.969M
5260MHz	Pass	Inf	21.45M	16.703M	21.054M	16.782M
5300MHz	Pass	Inf	21.78M	16.729M	21.12M	16.782M
5320MHz	Pass	Inf	21.648M	16.703M	21.186M	16.756M
5500MHz	Pass	Inf	21.78M	16.729M	21.252M	16.756M
5580MHz	Pass	Inf	21.714M	16.729M	21.054M	16.756M
5700MHz	Pass	Inf	21.252M	16.676M	21.12M	16.756M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	13.433M	15.615M	13.388M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.158M	3.12M	4.078M
5745MHz	Pass	500k	16.302M	20.951M	16.302M	19.315M
5785MHz	Pass	500k	16.302M	22.376M	16.302M	20.555M
5825MHz	Pass	500k	16.302M	22.904M	16.302M	21.479M
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5180MHz	Pass	Inf	21.318M	19.07M	21.318M	19.04M
5200MHz	Pass	Inf	37.356M	19.4M	36.498M	19.34M
5240MHz	Pass	Inf	36.564M	19.43M	37.554M	19.31M
5260MHz	Pass	Inf	21.252M	19.07M	21.45M	19.04M
5300MHz	Pass	Inf	21.45M	19.07M	21.318M	19.07M
5320MHz	Pass	Inf	21.582M	19.1M	21.384M	19.04M
5500MHz	Pass	Inf	21.912M	19.13M	21.45M	19.04M
5580MHz	Pass	Inf	21.384M	19.13M	21.45M	19.04M
5700MHz	Pass	Inf	21.384M	19.01M	21.45M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.66M	14.543M	15.66M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.738M	4.44M	4.538M
5745MHz	Pass	500k	18.744M	22.459M	18.876M	20.51M
5785MHz	Pass	500k	18.216M	23.418M	18.81M	21.049M
5825MHz	Pass	500k	18.744M	24.618M	18.81M	21.769M
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5190MHz	Pass	Inf	39.996M	37.541M	39.732M	37.481M
5230MHz	Pass	Inf	87.912M	38.681M	88.704M	38.621M
5270MHz	Pass	Inf	39.864M	37.601M	39.6M	37.541M
5310MHz	Pass	Inf	39.336M	37.541M	39.732M	37.481M
5510MHz	Pass	Inf	39.468M	37.541M	39.732M	37.481M
5590MHz	Pass	Inf	39.204M	37.541M	39.732M	37.541M
5670MHz	Pass	Inf	39.468M	37.541M	39.864M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.895M	33.653M	34.825M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.058M	3.74M	4.018M
5755MHz	Pass	500k	36.96M	40.54M	36.696M	38.861M
5795MHz	Pass	500k	36.828M	41.079M	37.488M	39.34M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5210MHz	Pass	Inf	81.312M	76.762M	81.048M	76.762M
5290MHz	Pass	Inf	80.784M	76.762M	81.576M	76.882M
5530MHz	Pass	Inf	81.048M	76.762M	81.312M	76.762M
5610MHz	Pass	Inf	81.048M	76.882M	81.312M	76.882M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	72.939M	75.6M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	4.278M	3.8M	4.178M
5775MHz	Pass	500k	75.24M	77.241M	75.504M	77.121M
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.081M	81.04M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.8M	77.081M	81.12M	77.081M
5570MHz	Pass	Inf	164.208M	155.442M	164.736M	155.682M

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

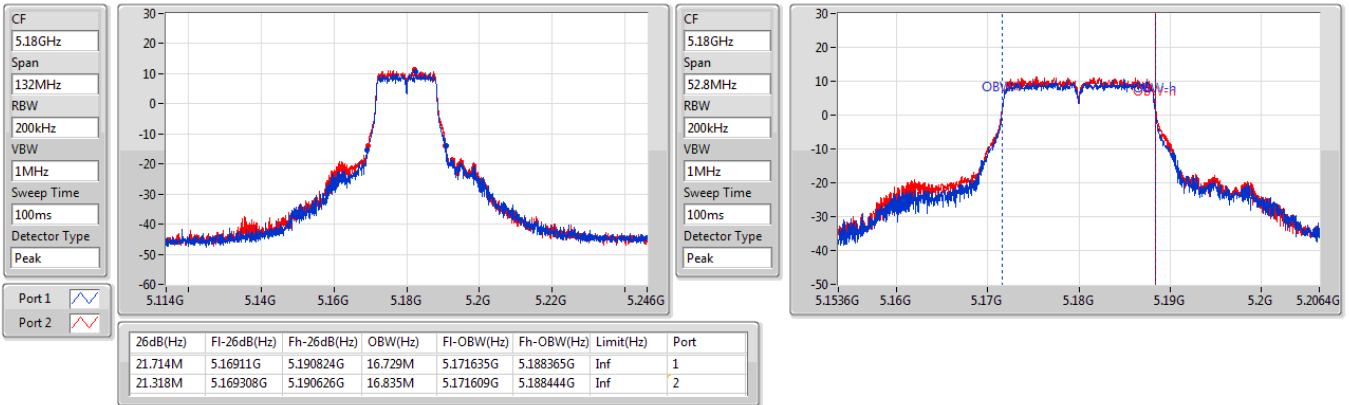
Port X-OBW = Port X 99% occupied bandwidth



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

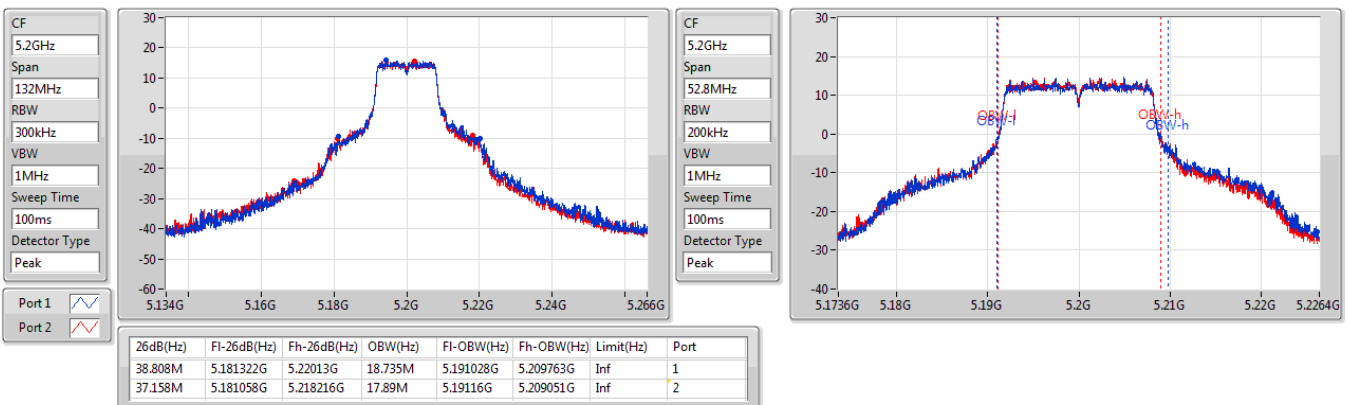
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

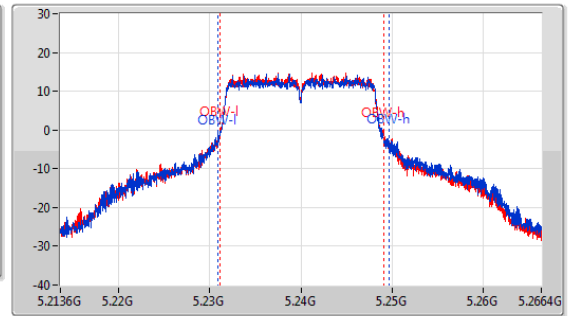
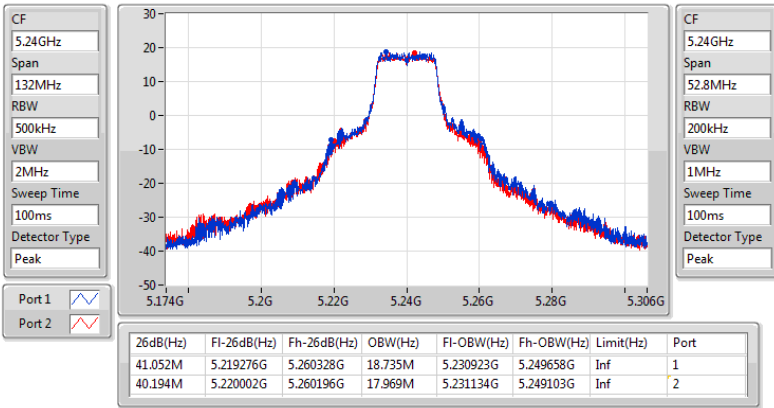
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

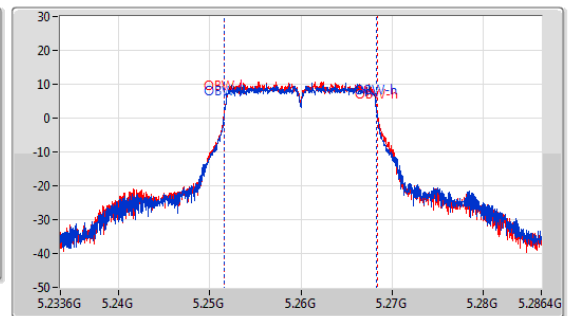
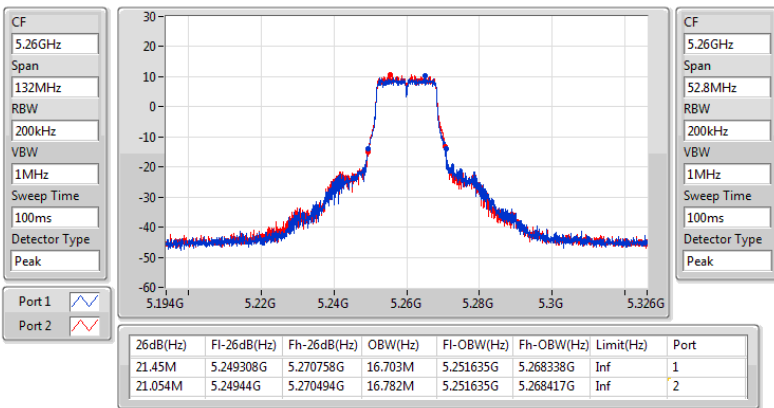
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

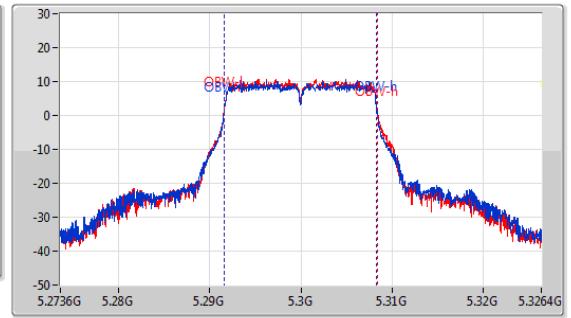
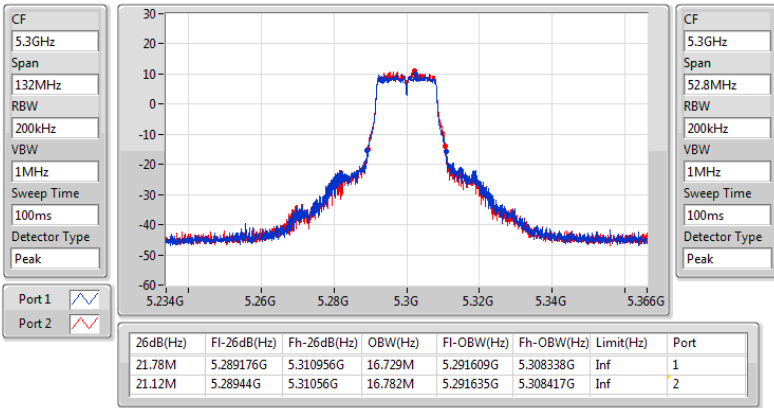




5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

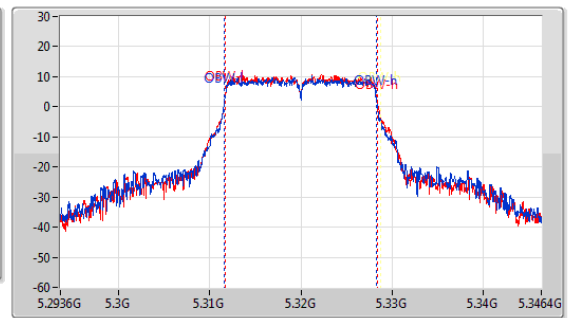
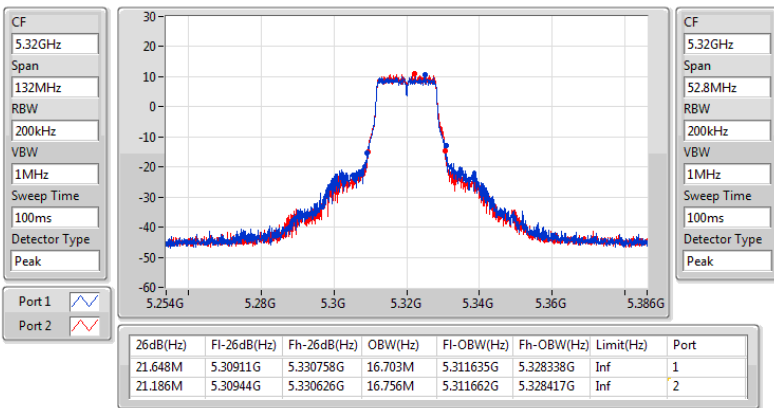
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

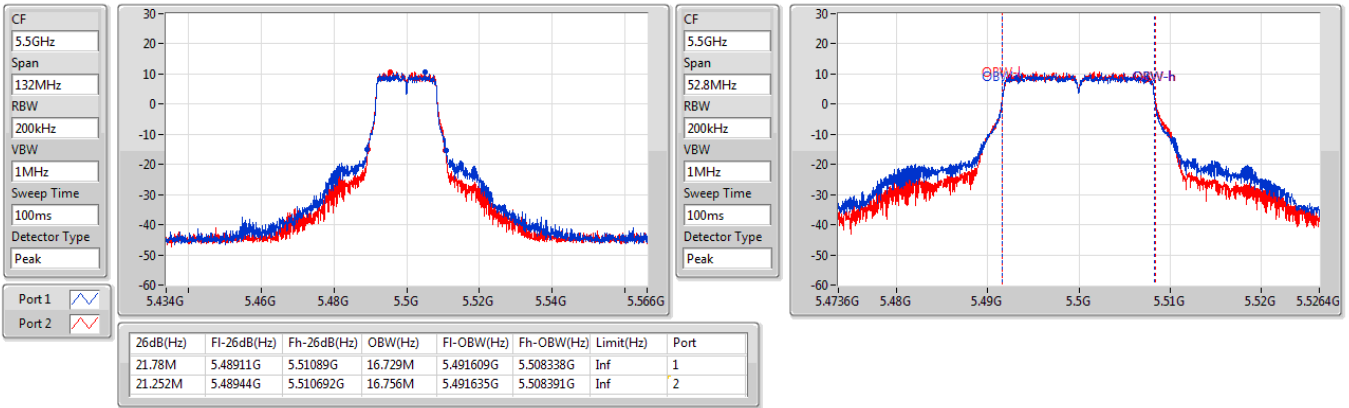
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

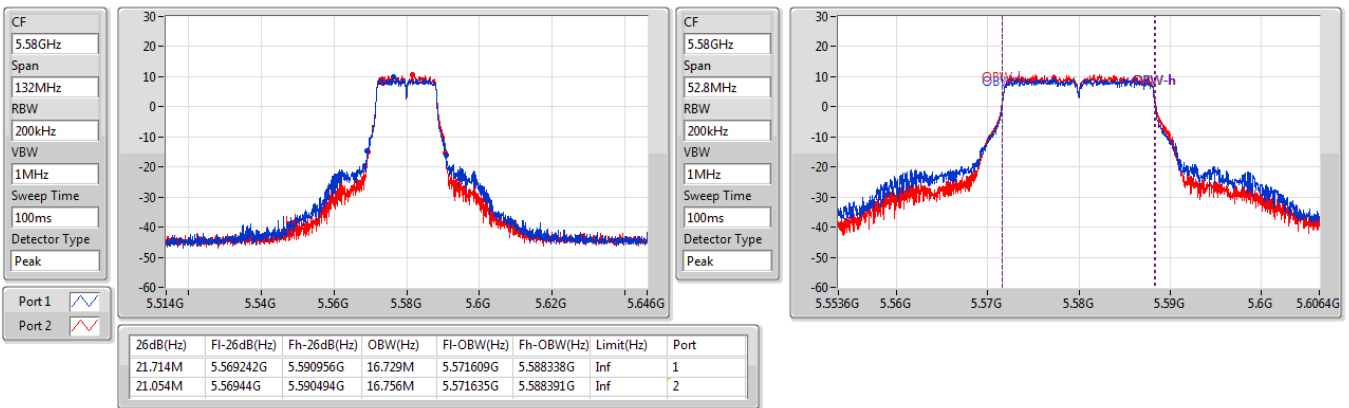
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

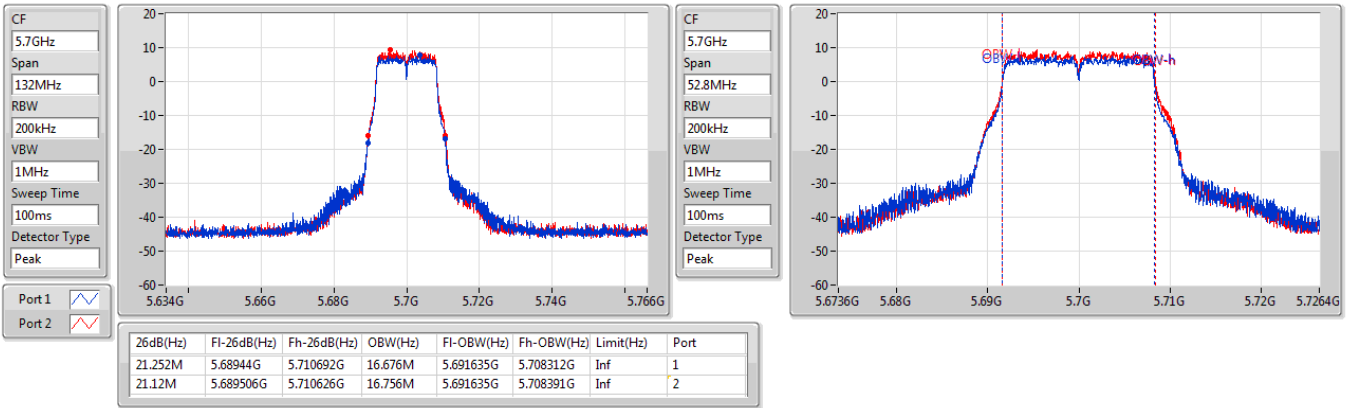




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

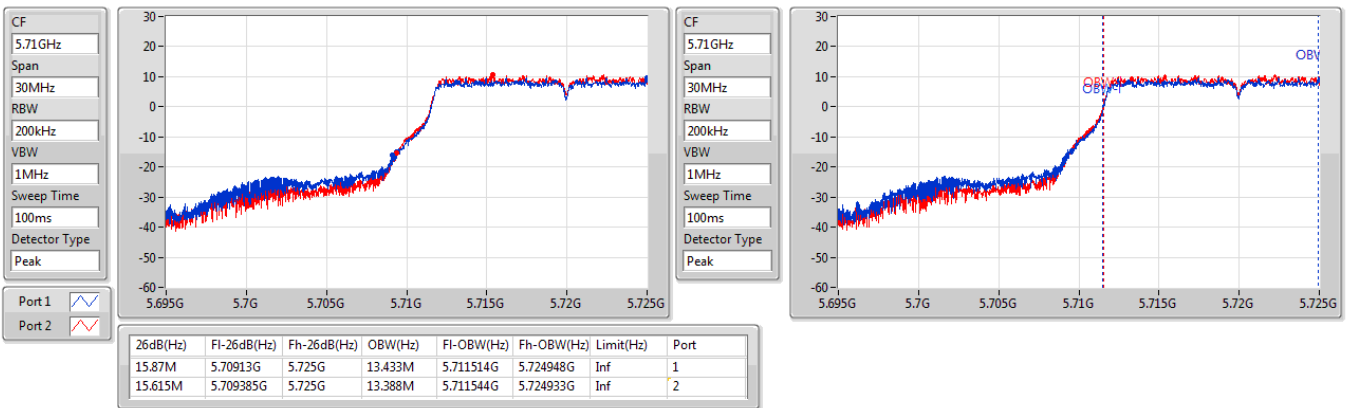
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

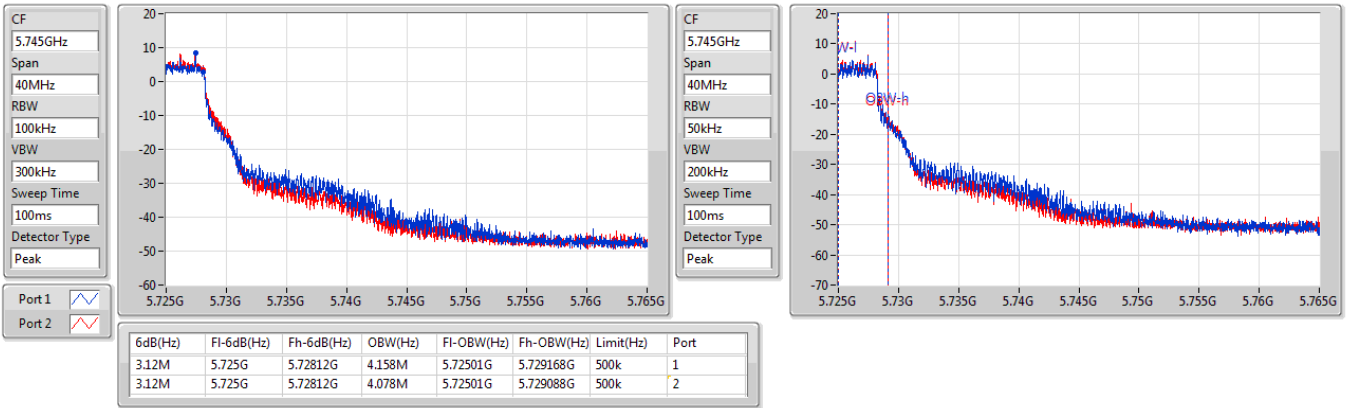




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

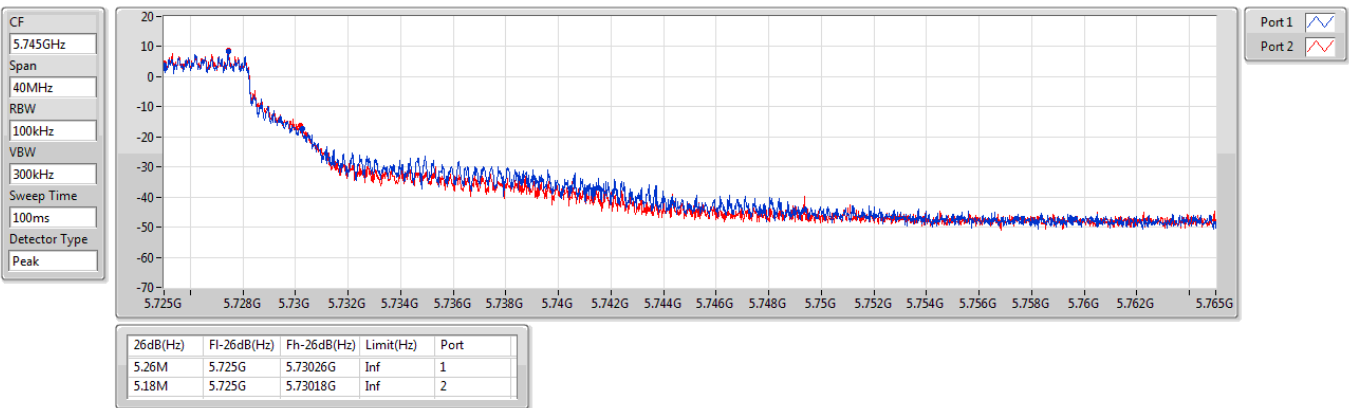
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

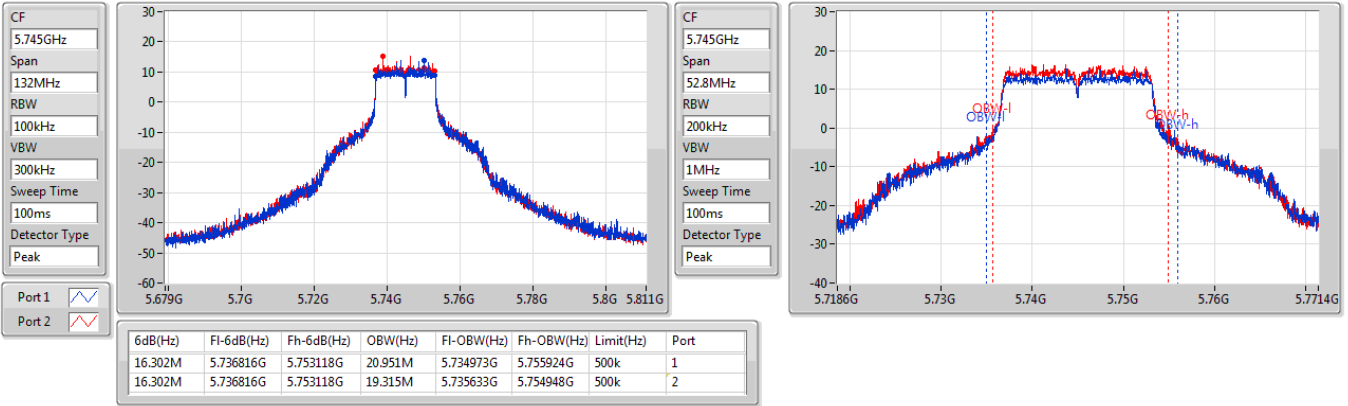




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

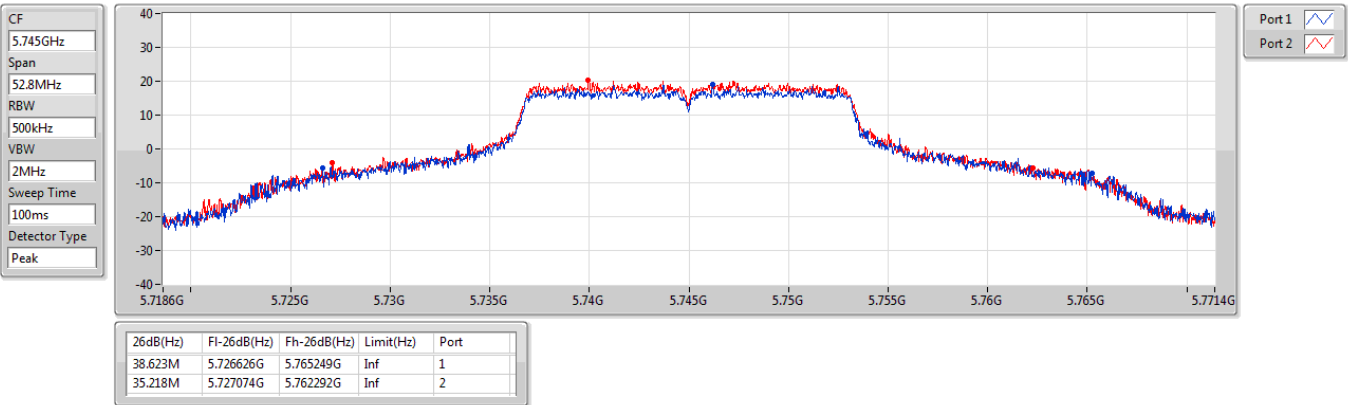
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz



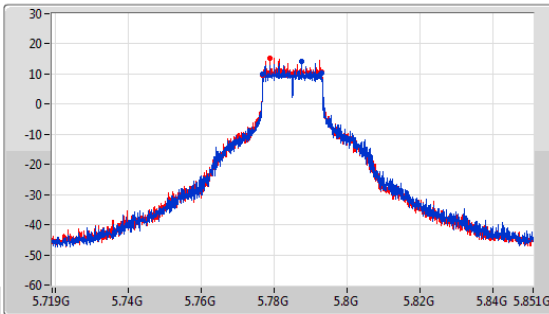


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

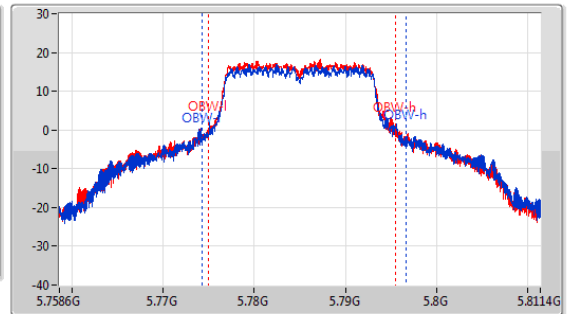
EBW

5785MHz

CF: 5.785GHz
 Span: 132MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.785GHz
 Span: 52.8MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



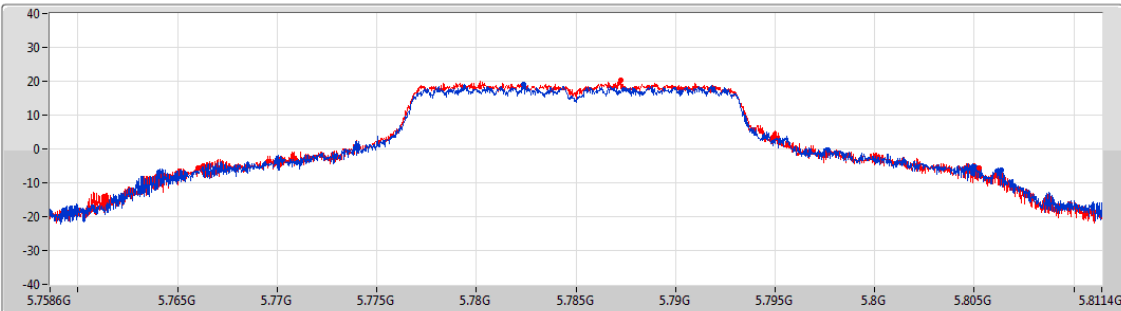
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.302M	5.776816G	5.793118G	22.376M	5.774313G	5.796689G	500k	1
16.302M	5.776816G	5.793118G	20.555M	5.774973G	5.795528G	500k	2

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

CF: 5.785GHz
 Span: 52.8MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1
 Port 2

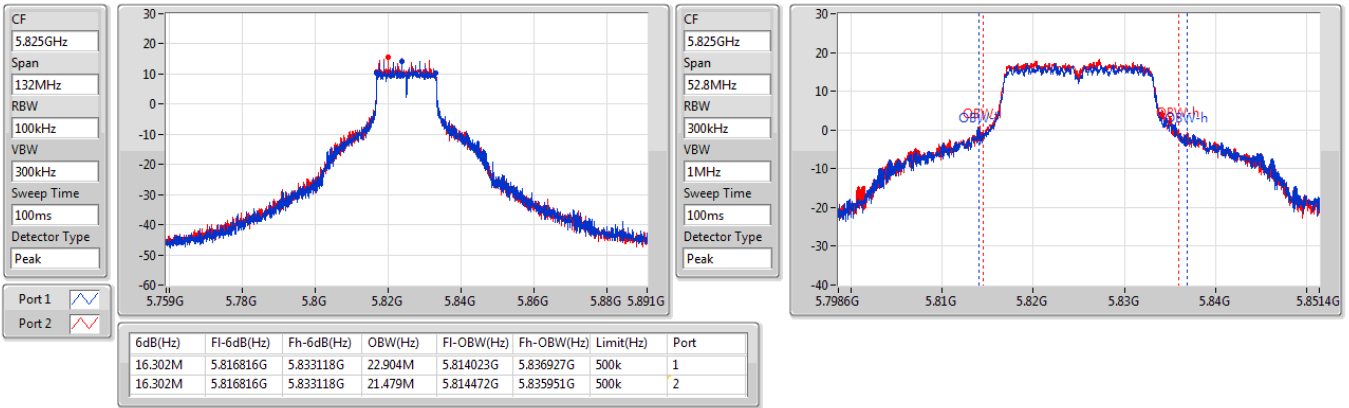
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.293M	5.764065G	5.806358G	Inf	1
39.204M	5.766018G	5.805222G	Inf	2



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

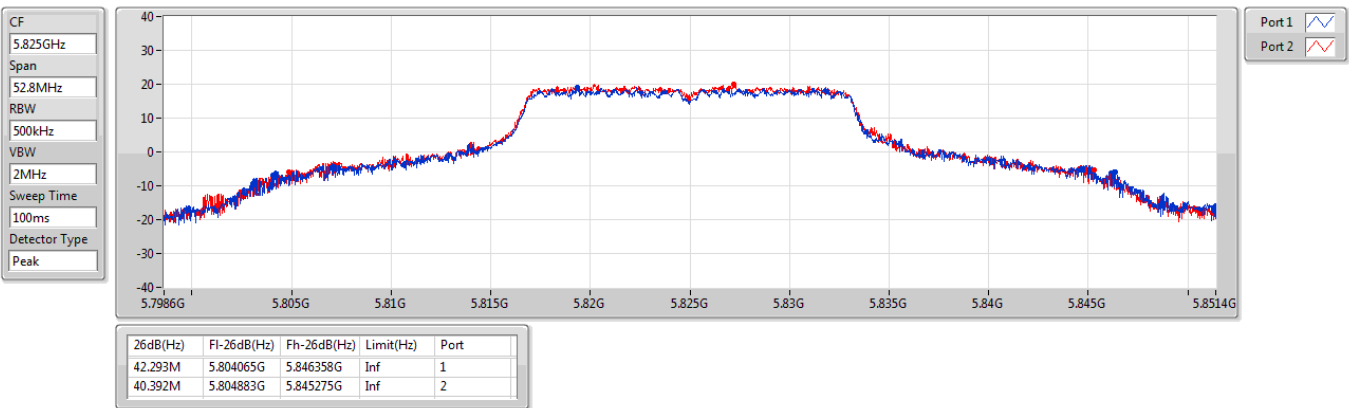
5825MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

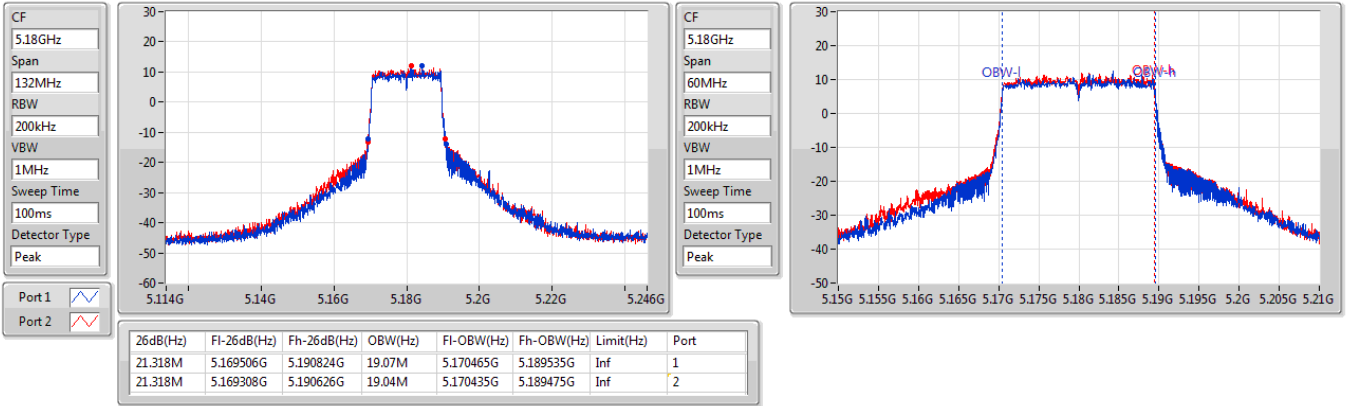




5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

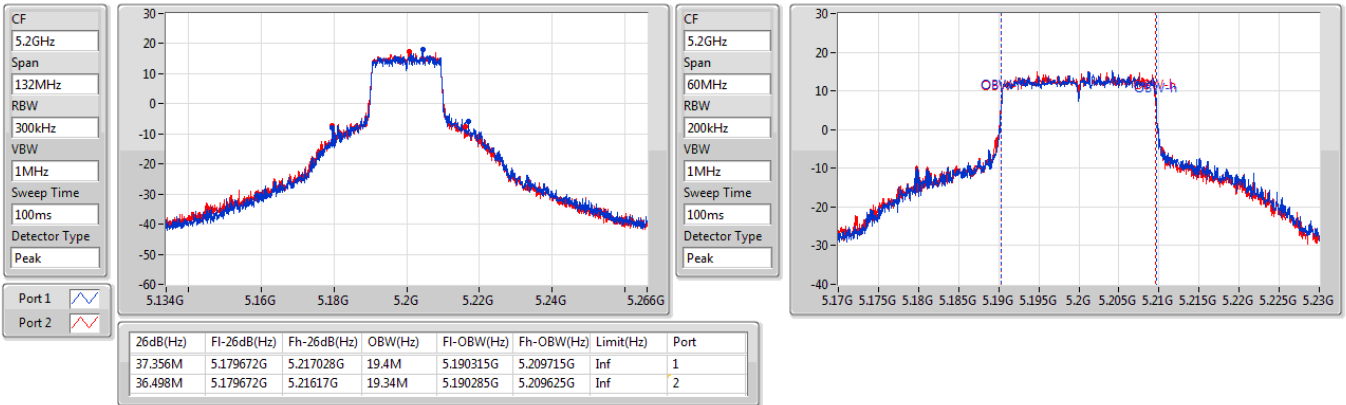
5180MHz



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz



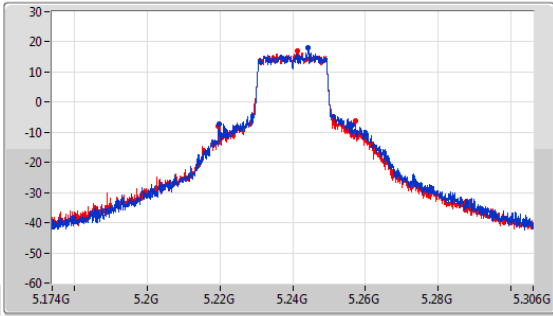


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

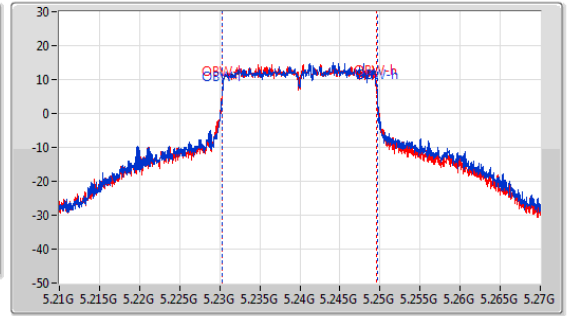
EBW

5240MHz

CF: 5.24GHz
 Span: 132MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



CF: 5.24GHz
 Span: 60MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



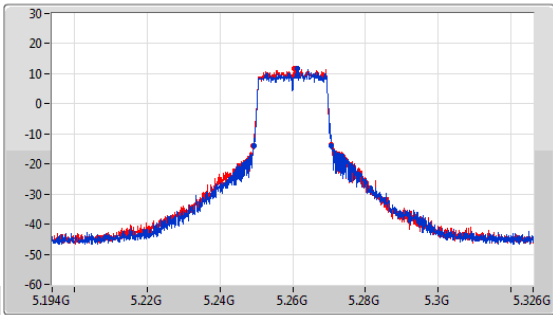
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.564M	5.219738G	5.256302G	19.43M	5.230285G	5.249715G	Inf	1
37.554M	5.219672G	5.257226G	19.31M	5.230285G	5.249595G	Inf	2

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

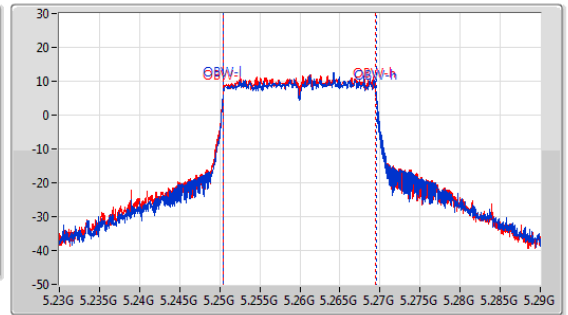
EBW

5260MHz

CF: 5.26GHz
 Span: 132MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



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



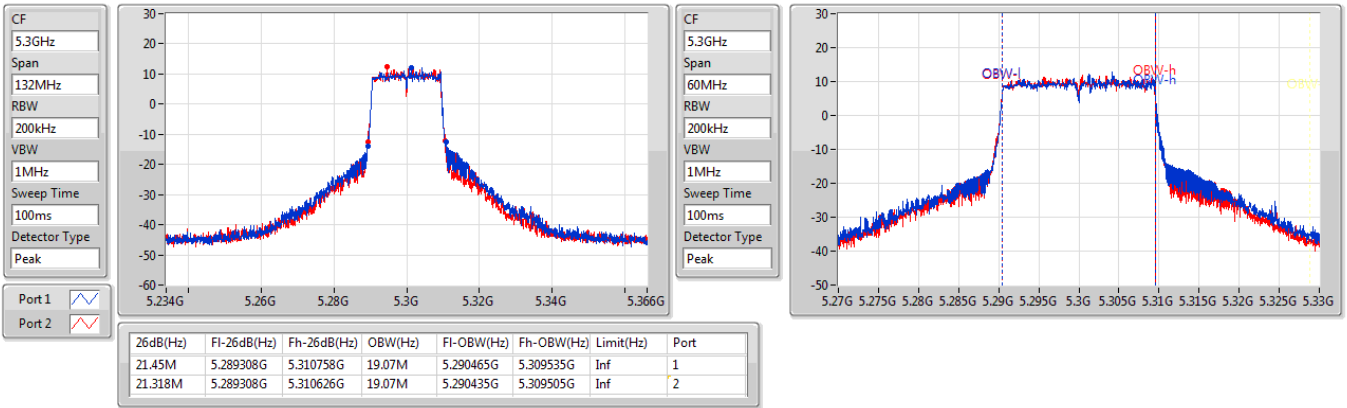
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.252M	5.249374G	5.270626G	19.07M	5.250465G	5.269535G	Inf	1
21.45M	5.249242G	5.270692G	19.04M	5.250435G	5.269475G	Inf	2



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

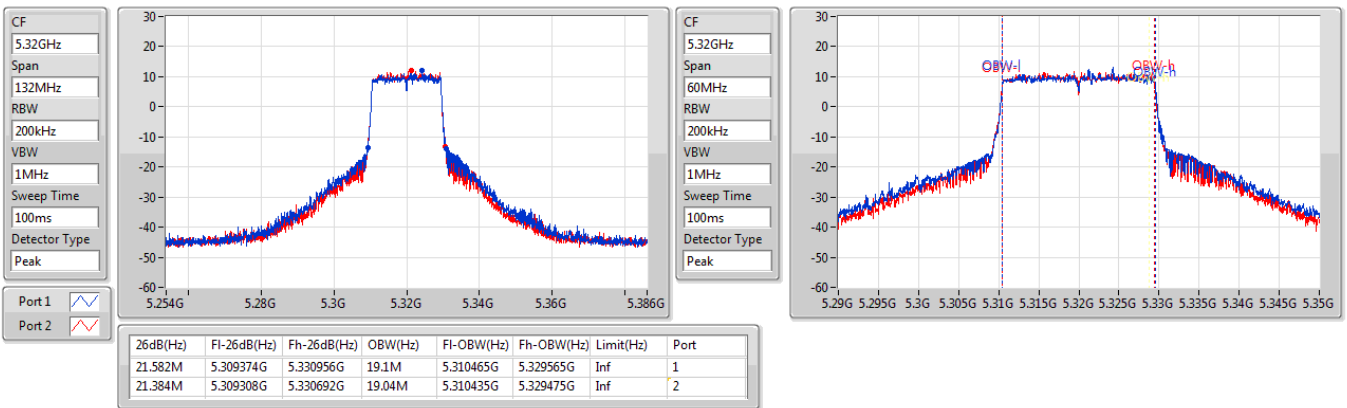
5300MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

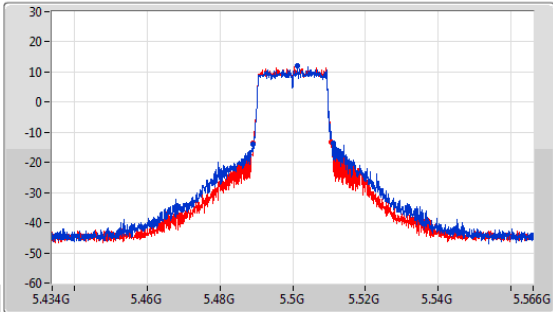


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

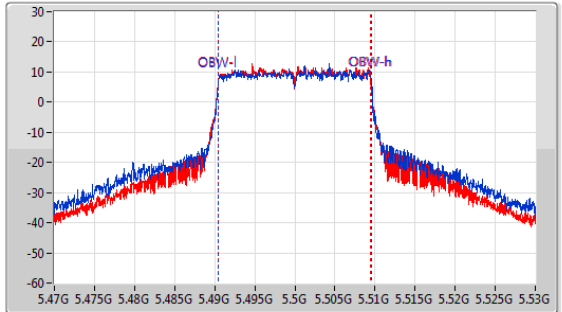
EBW

5500MHz

CF: 5.5GHz
 Span: 132MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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



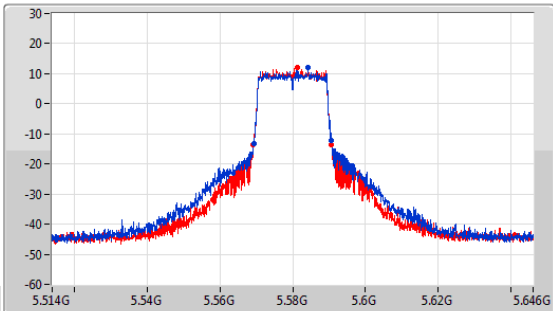
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.912M	5.489242G	5.511154G	19.13M	5.490435G	5.509565G	Inf	1
21.45M	5.489242G	5.510692G	19.04M	5.490435G	5.509475G	Inf	2

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

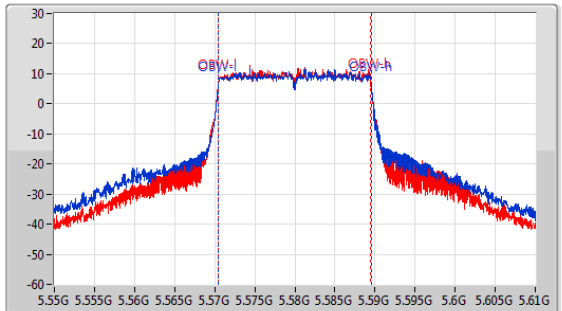
EBW

5580MHz

CF: 5.58GHz
 Span: 132MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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



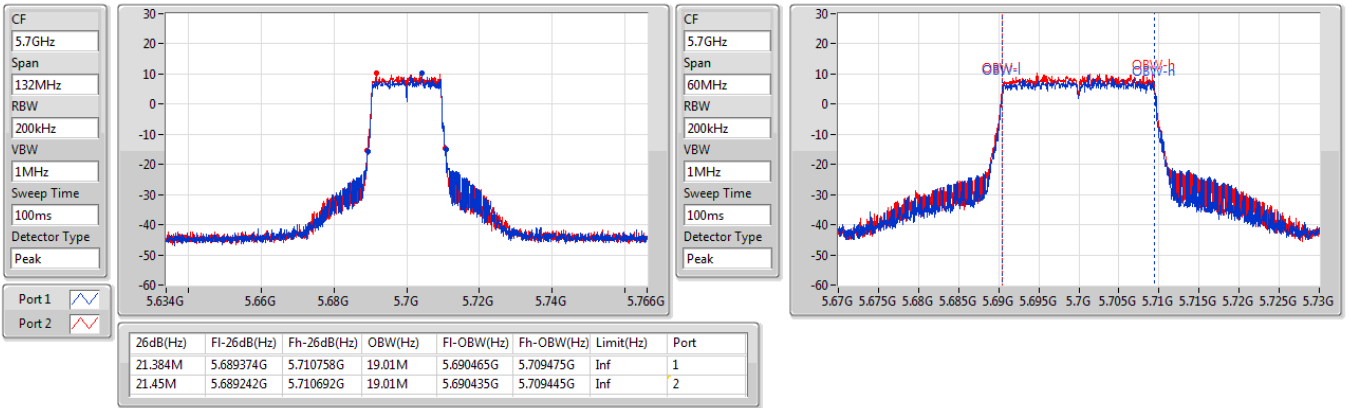
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.384M	5.569308G	5.590692G	19.13M	5.570435G	5.589565G	Inf	1
21.45M	5.569242G	5.590692G	19.04M	5.570435G	5.589475G	Inf	2



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

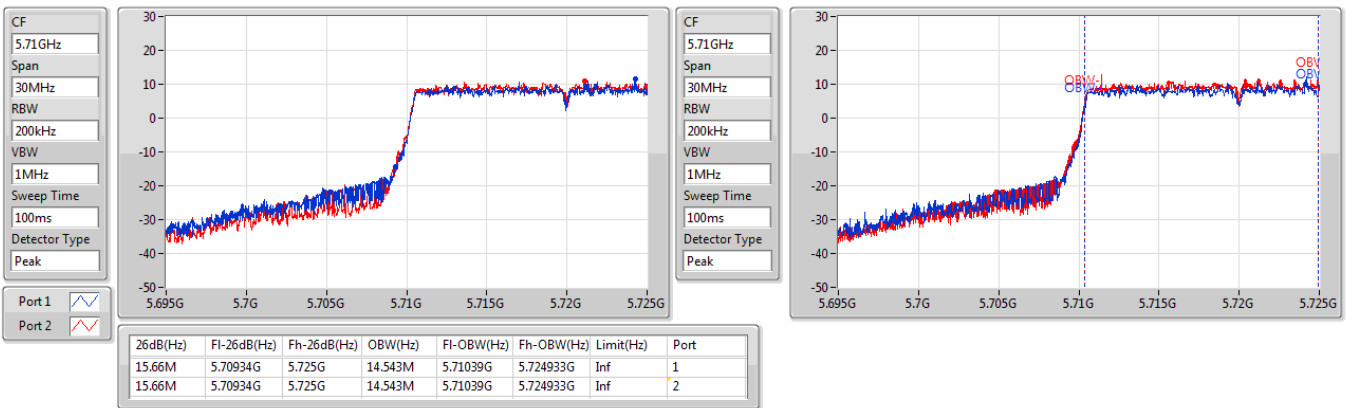
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

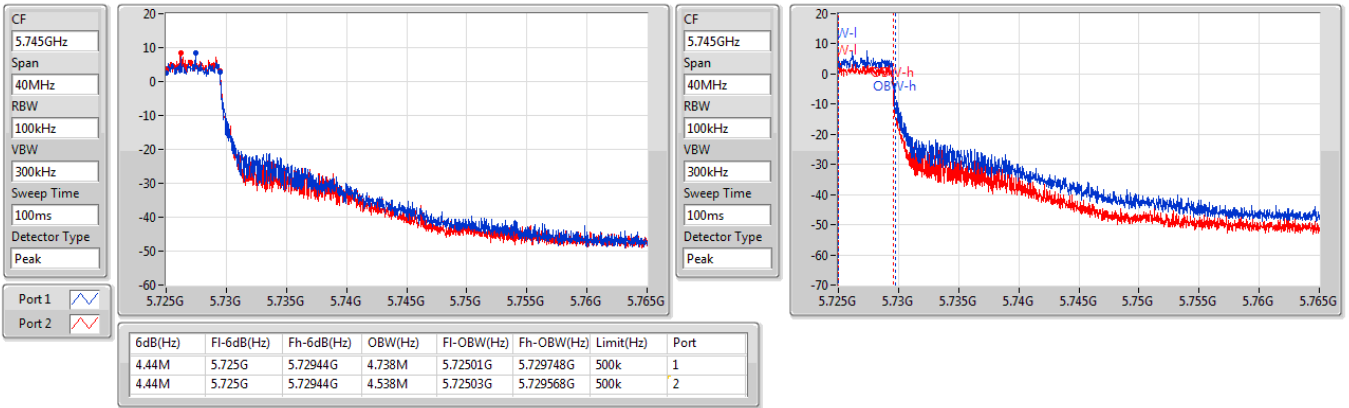




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

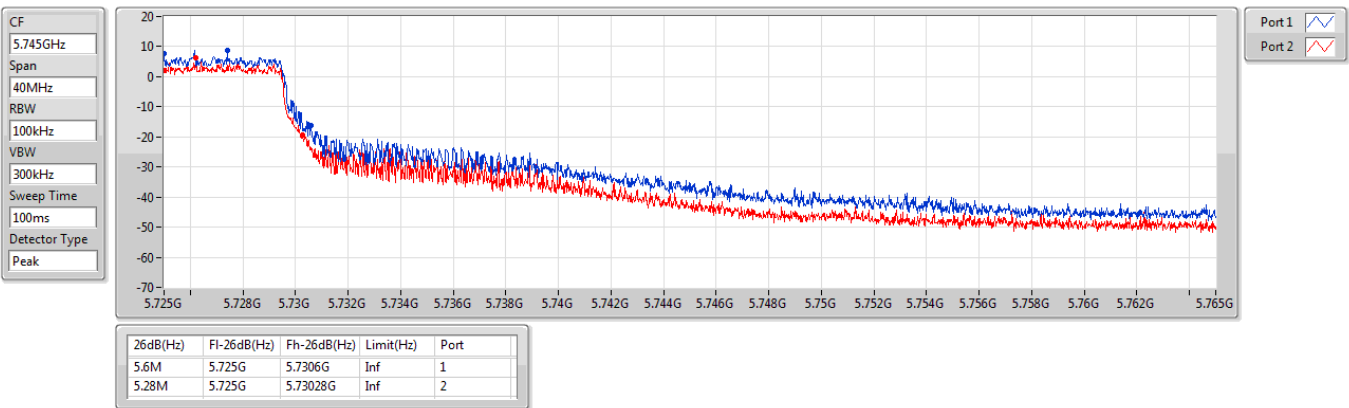
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

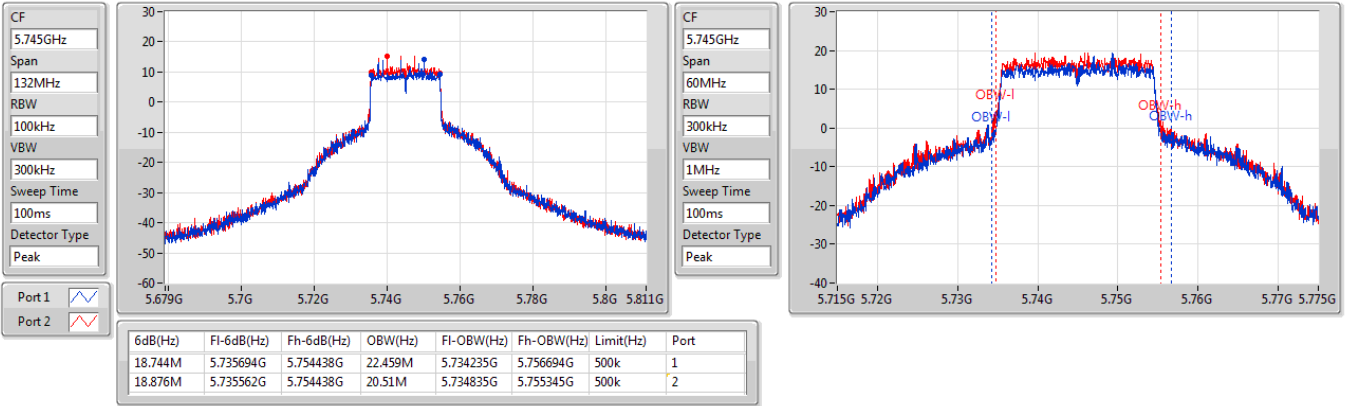




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

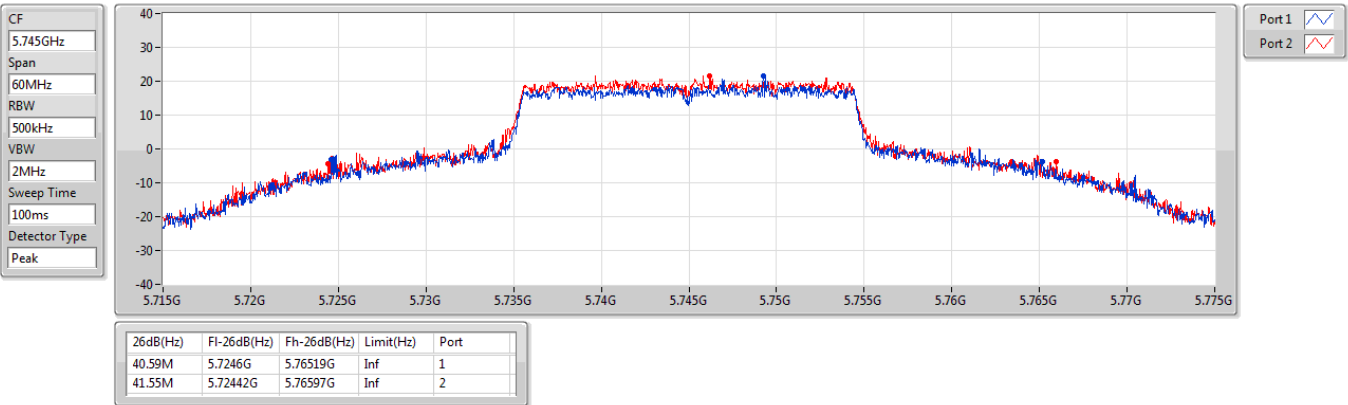
5745MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz



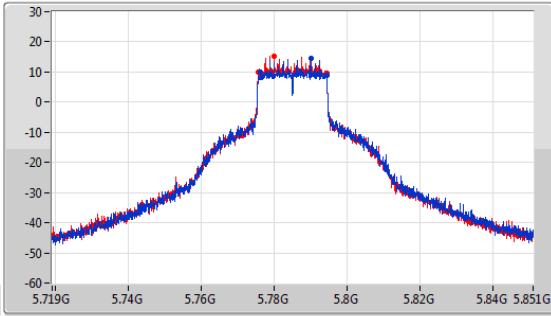


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

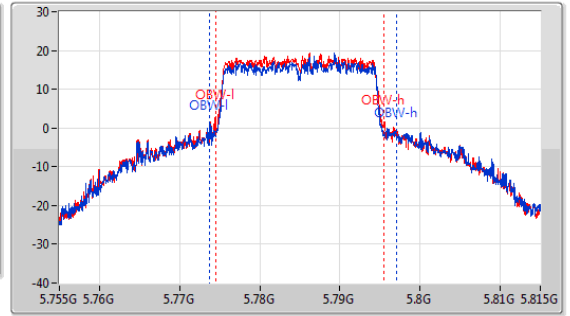
EBW

5785MHz

CF
5.785GHz
Span
132MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
5.785GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



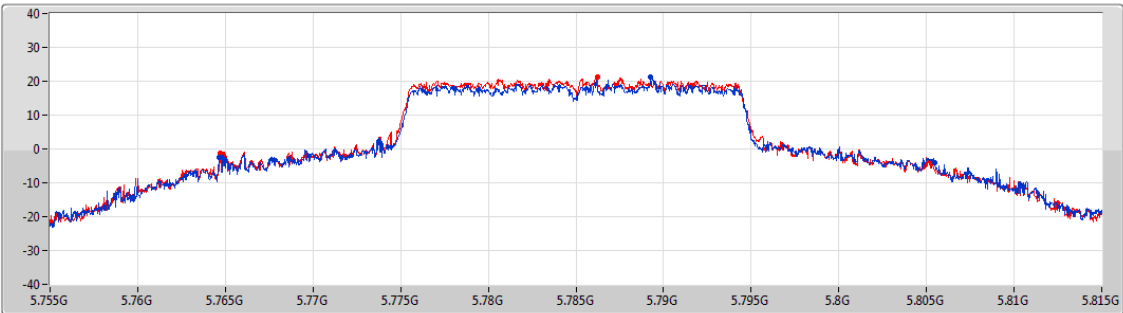
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.216M	5.776222G	5.794438G	23.418M	5.773666G	5.797084G	500k	1
18.81M	5.775562G	5.794372G	21.049M	5.774475G	5.795525G	500k	2

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

CF
5.785GHz
Span
60MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

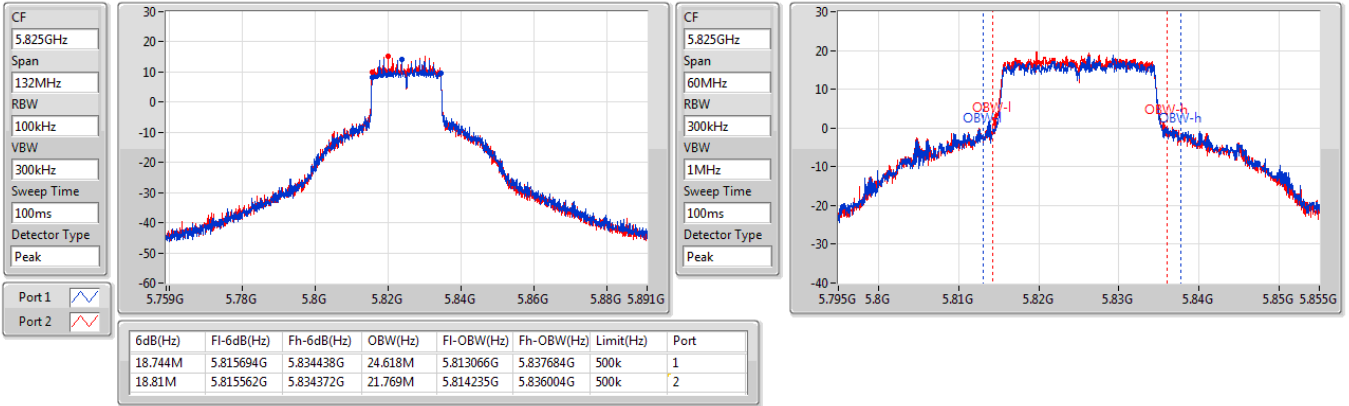
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
40.86M	5.76463G	5.80549G	Inf	1
40.62M	5.76469G	5.80531G	Inf	2



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

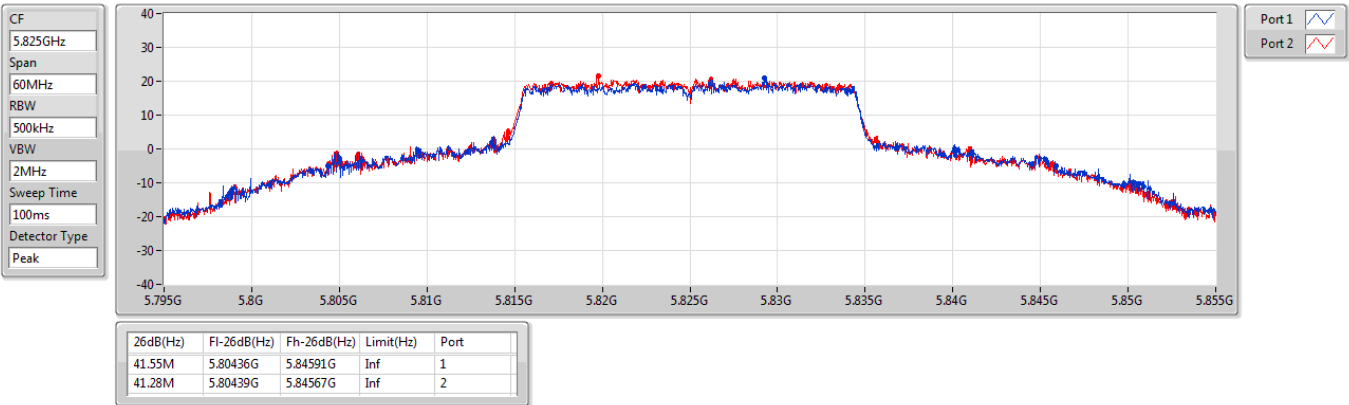
5825MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

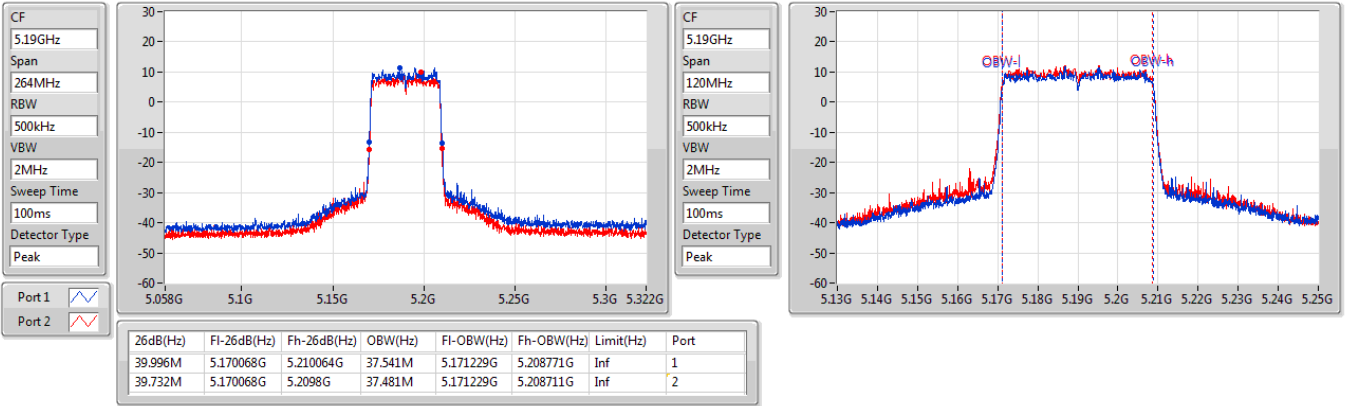




5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

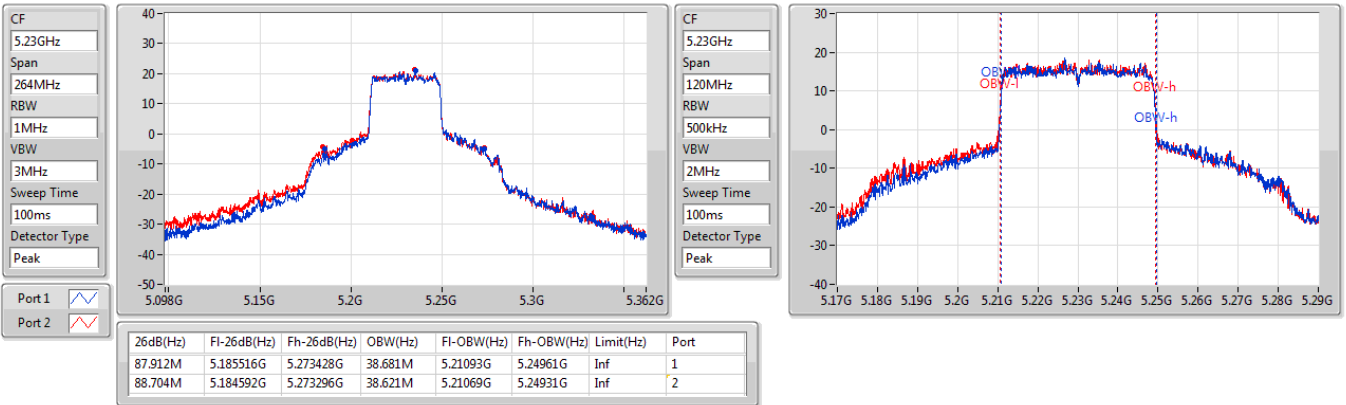
5190MHz



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

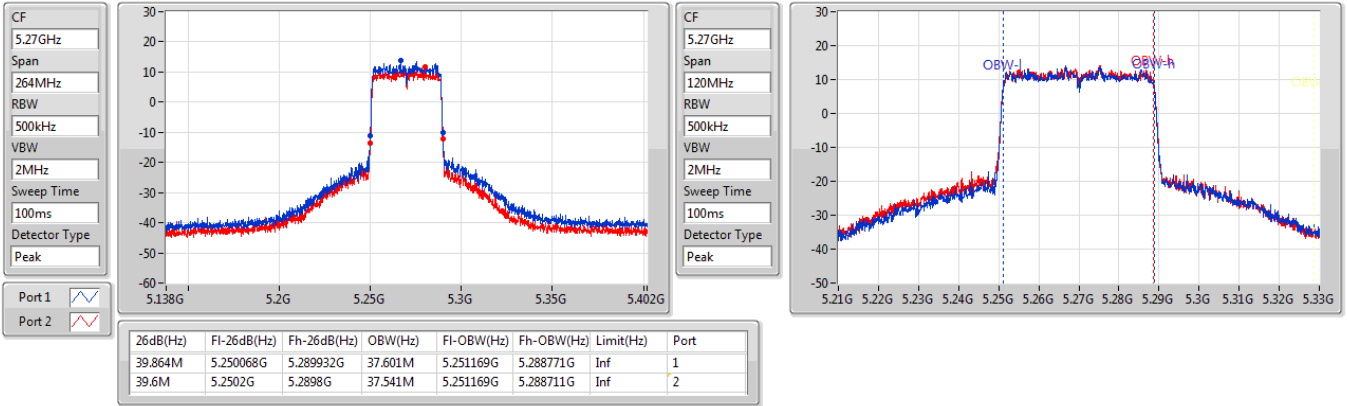




5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

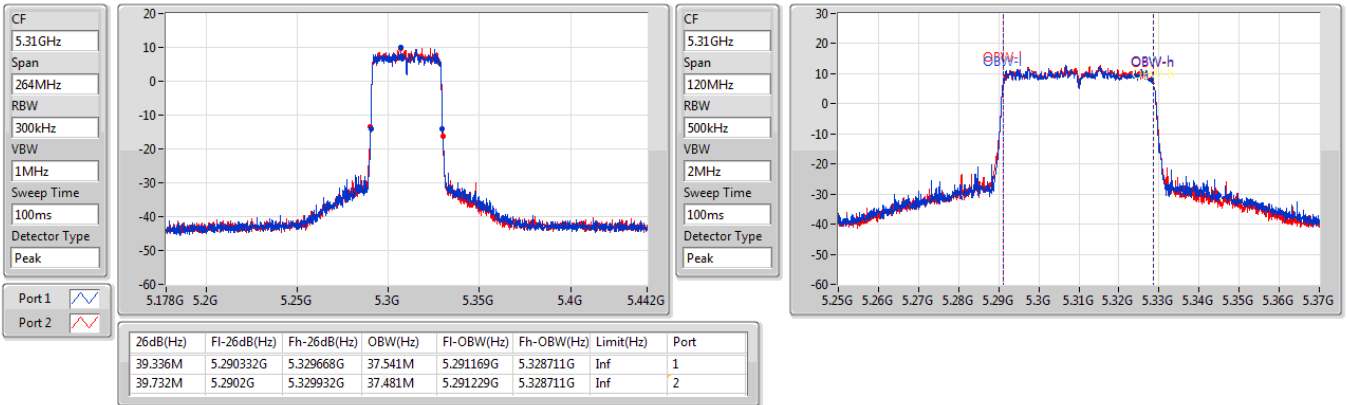
5270MHz



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz



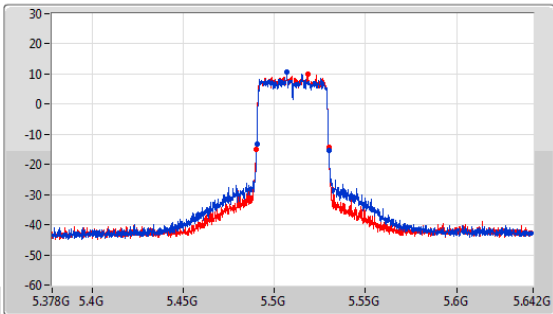


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

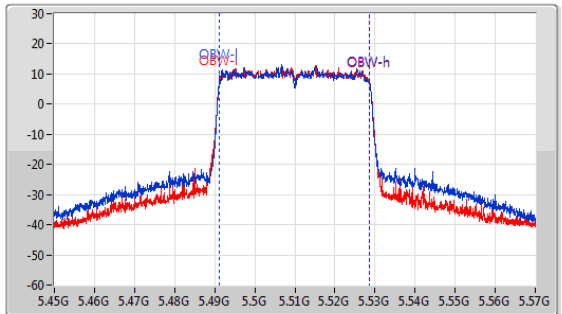
EBW

5510MHz

CF: 5.51GHz
 Span: 264MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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



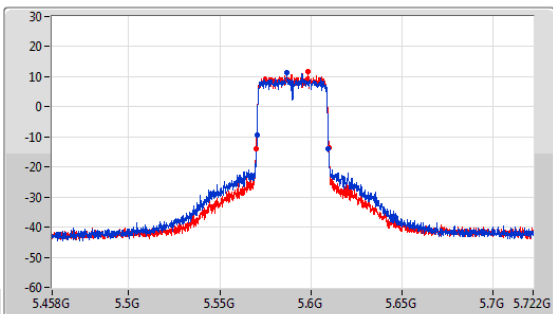
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.468M	5.490332G	5.5298G	37.541M	5.491169G	5.528711G	Inf	1
39.732M	5.490068G	5.5298G	37.481M	5.491229G	5.528711G	Inf	2

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

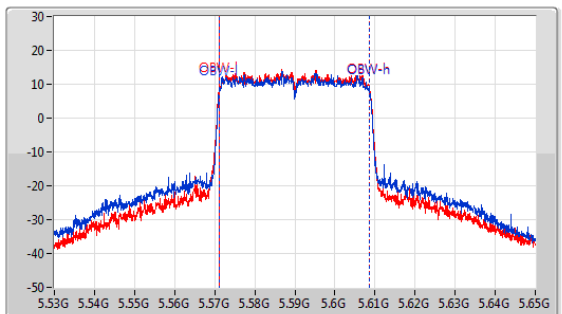
EBW

5590MHz

CF: 5.59GHz
 Span: 264MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.59GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



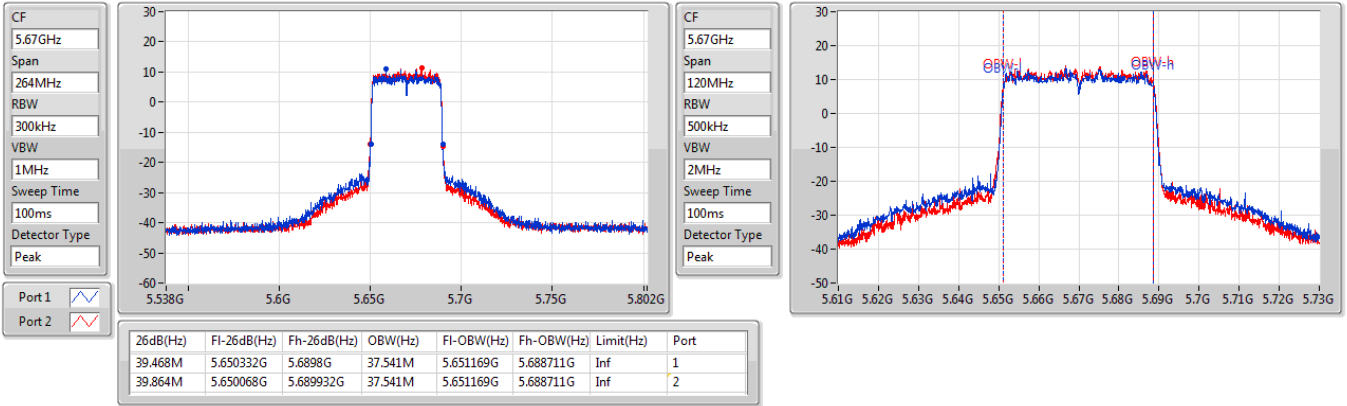
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.204M	5.570464G	5.609668G	37.541M	5.571169G	5.608711G	Inf	1
39.732M	5.570068G	5.6098G	37.541M	5.571169G	5.608711G	Inf	2



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

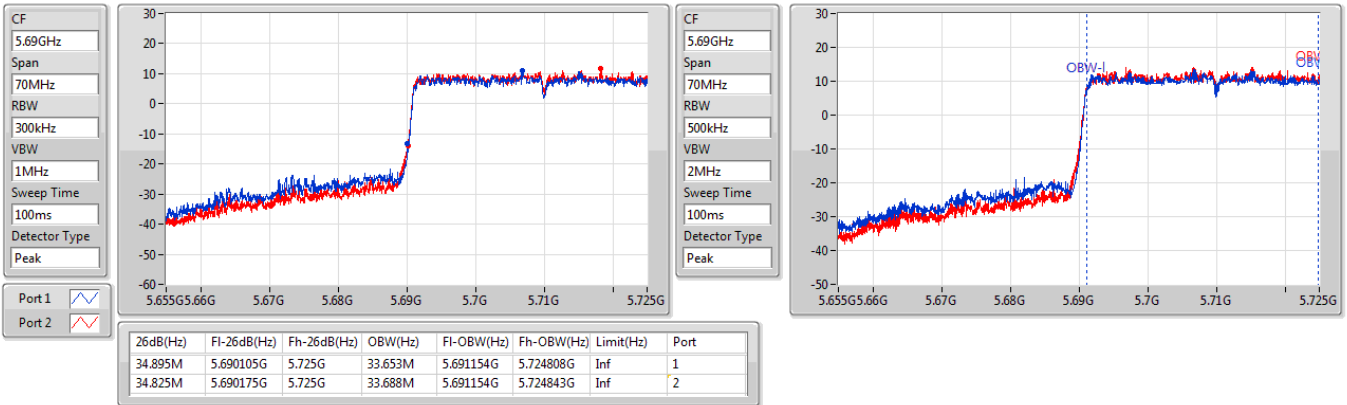
5670MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

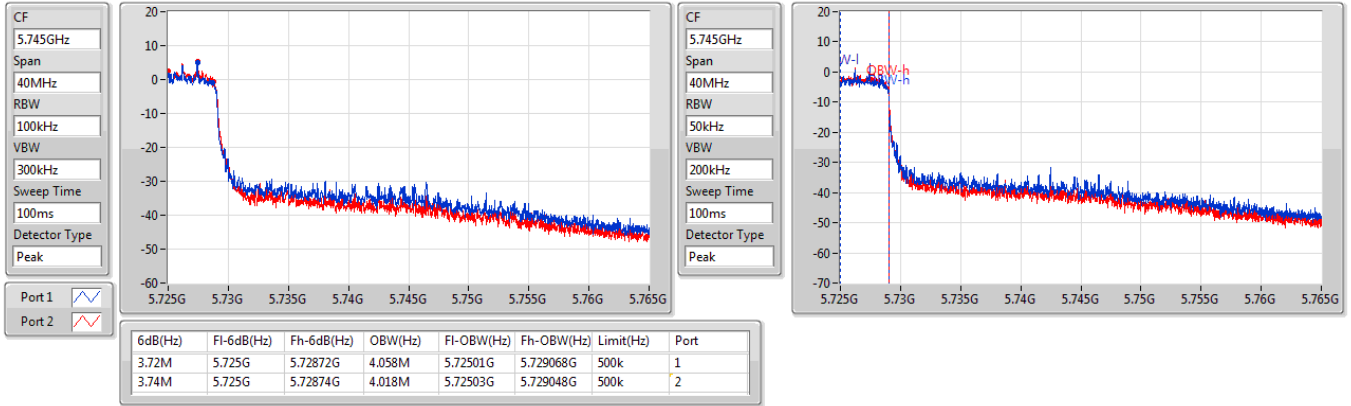




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

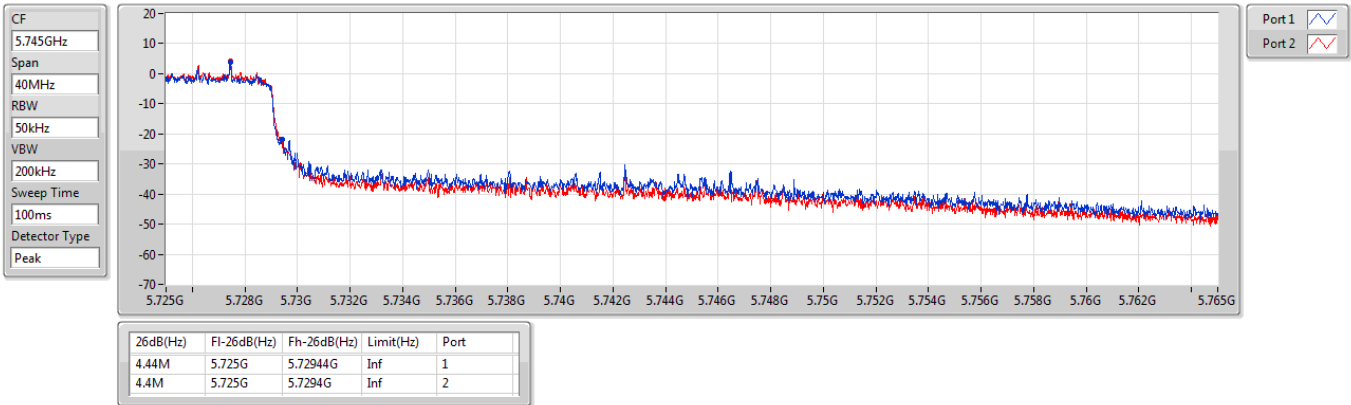
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

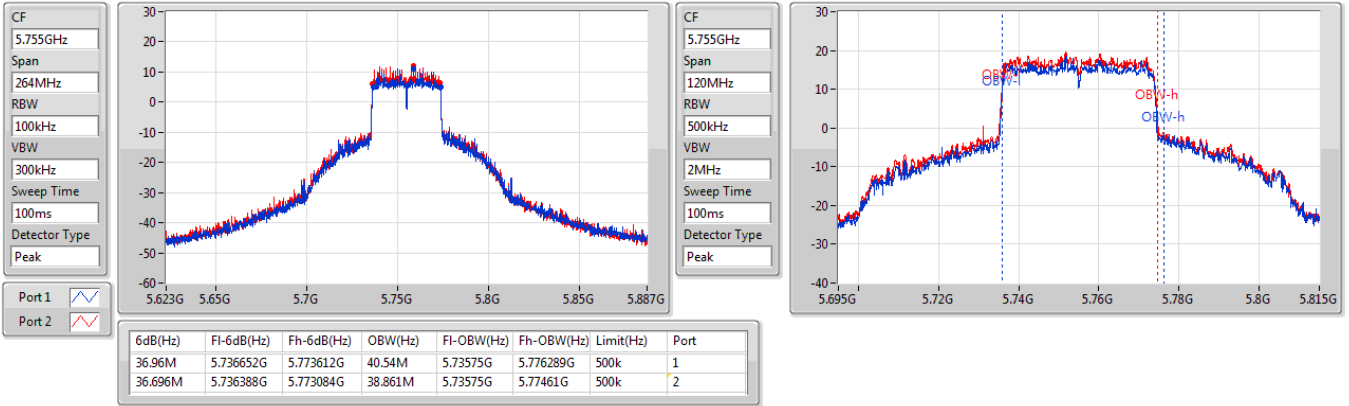




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

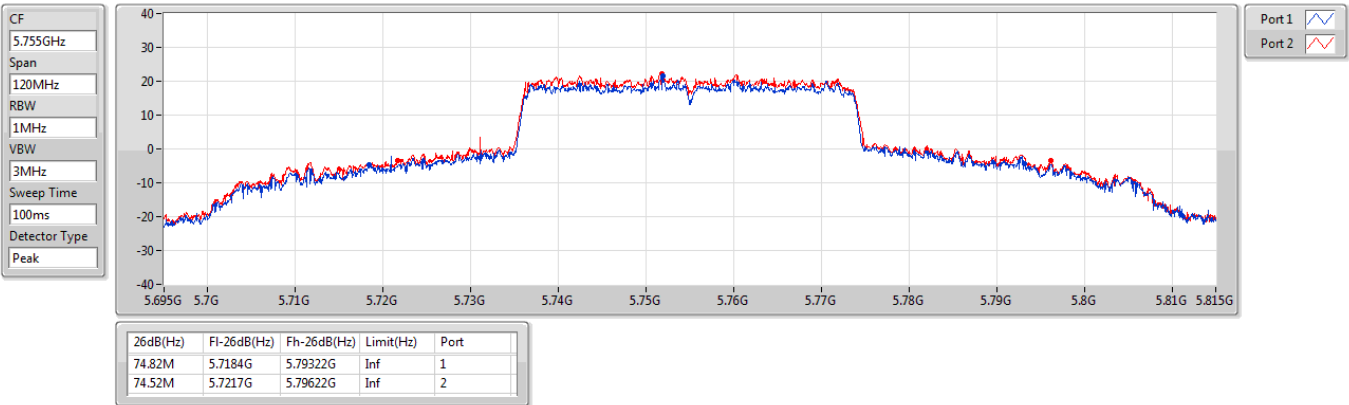
5755MHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

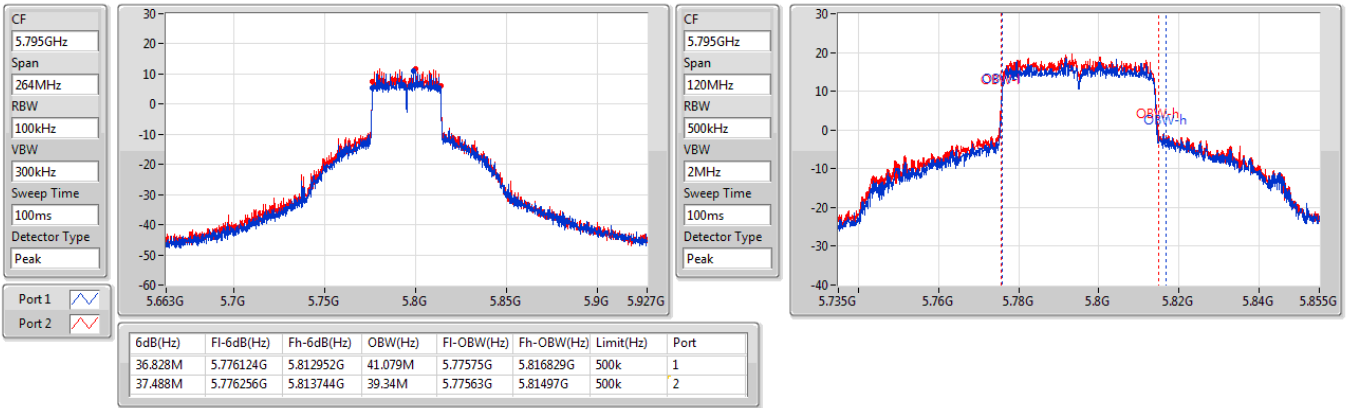




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

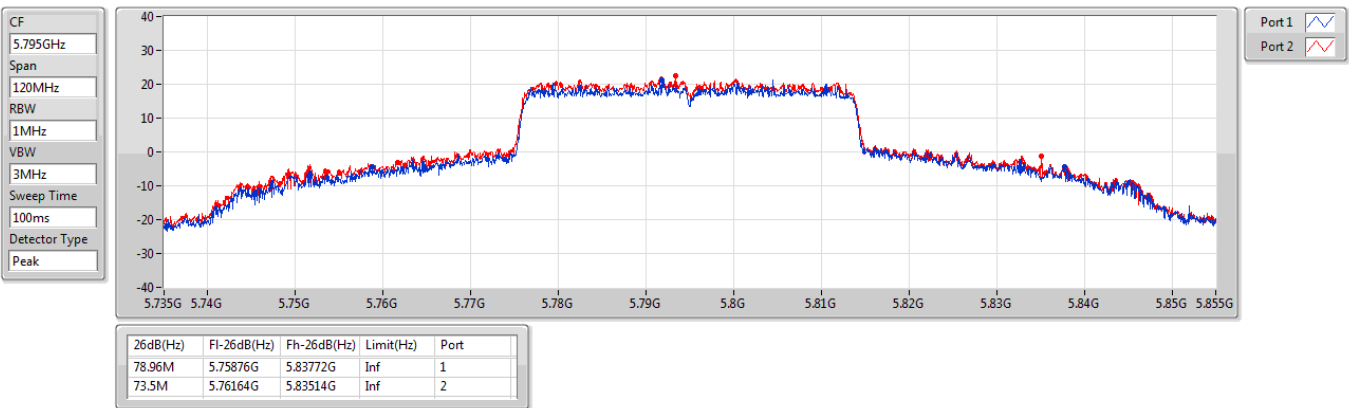
5795MHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

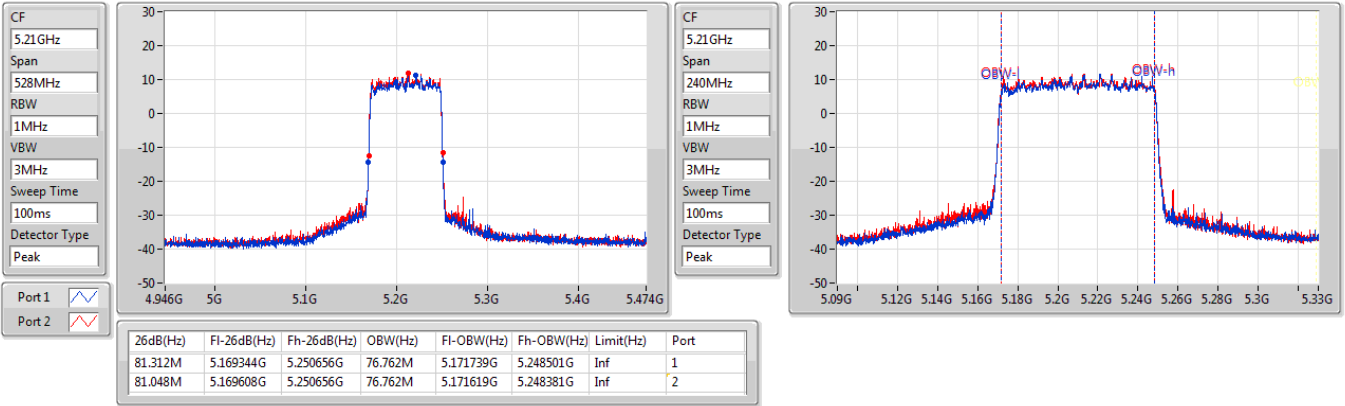




5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

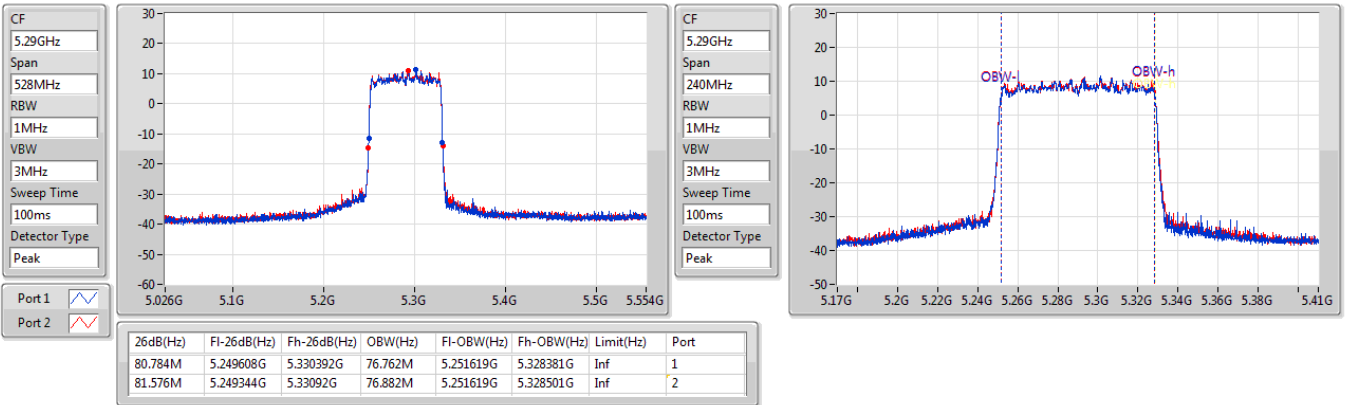
5210MHz



5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

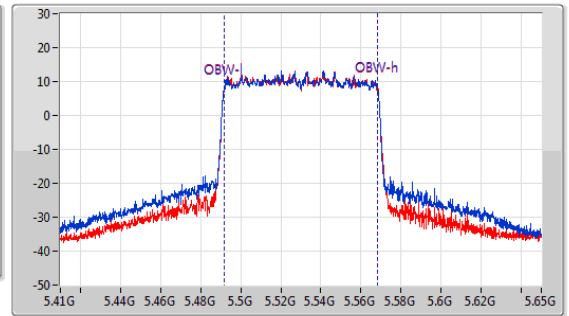
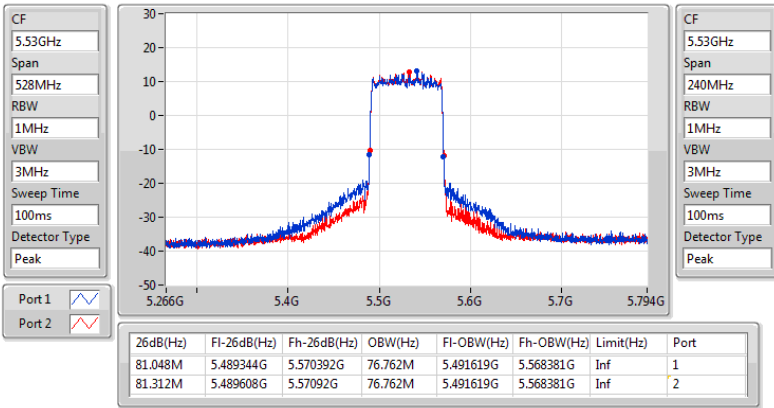




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

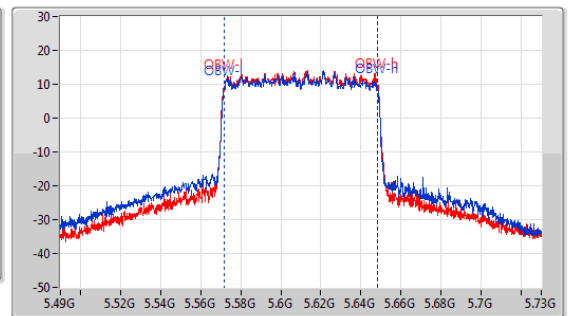
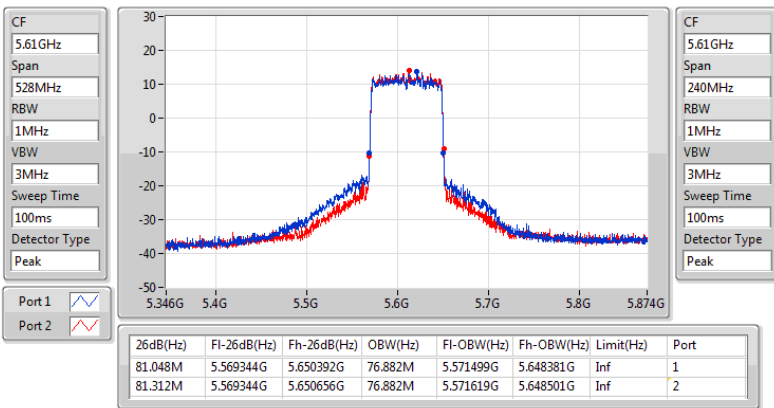
5530MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

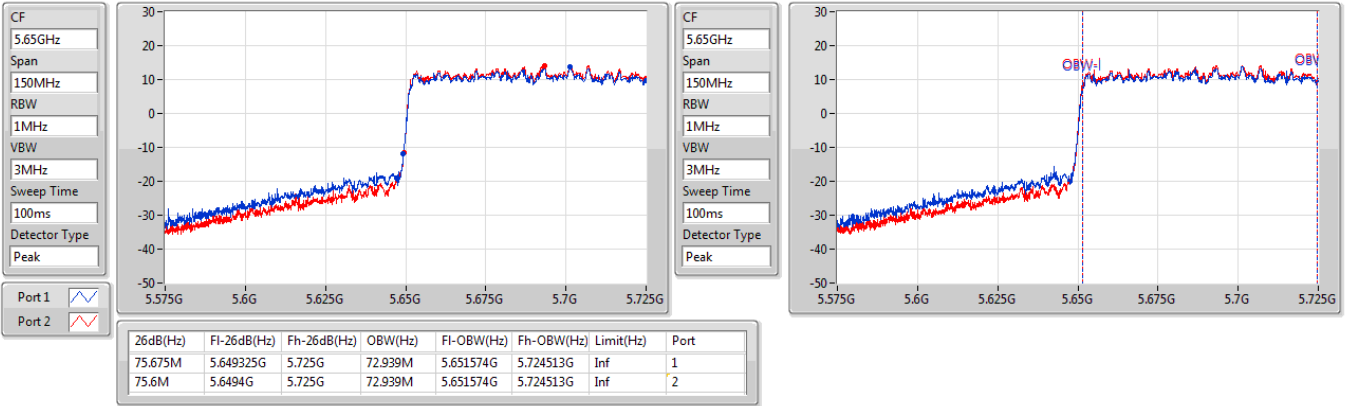




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

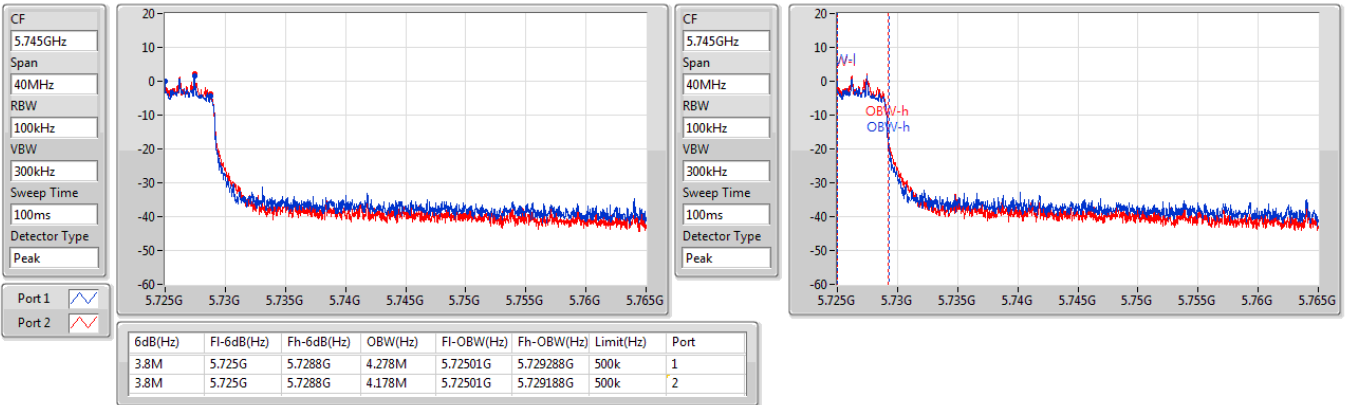
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

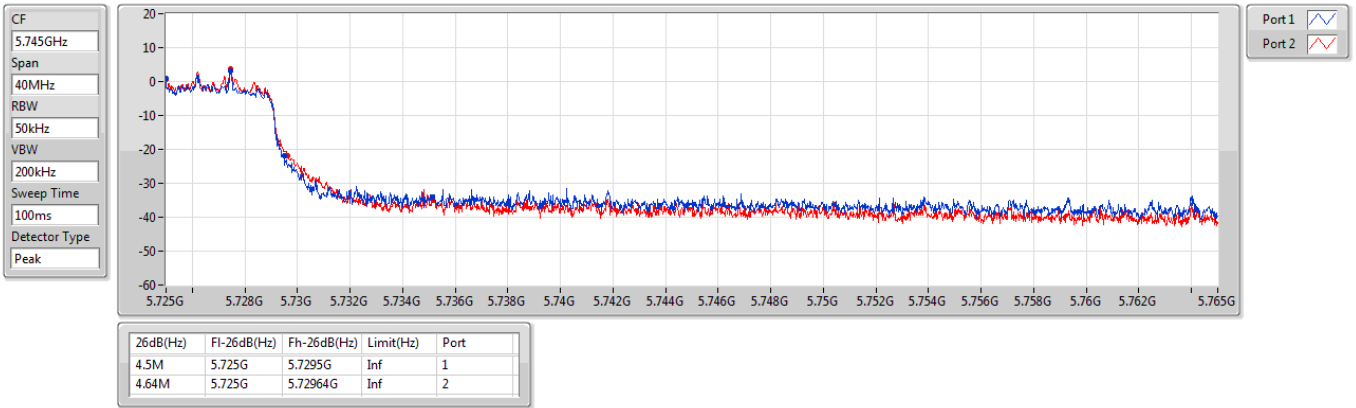




5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

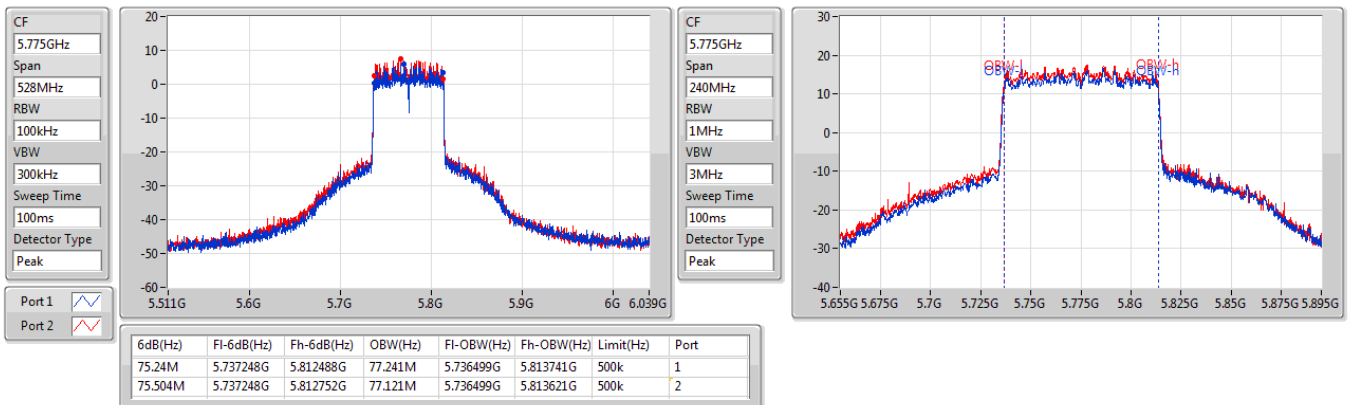
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz



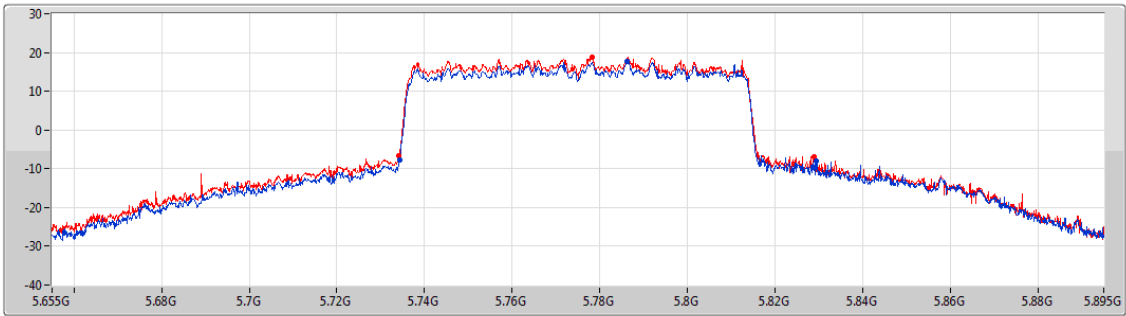


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

CF
5.775GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

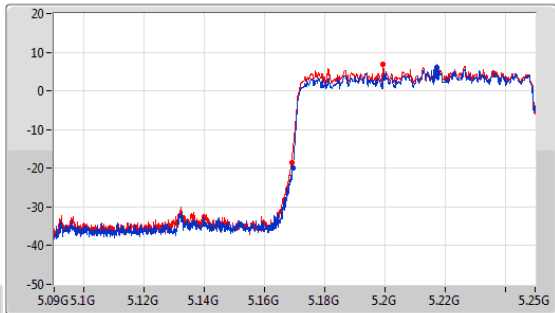
26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
95.16M	5.73432G	5.82948G	Inf	1
94.8M	5.7342G	5.829G	Inf	2

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

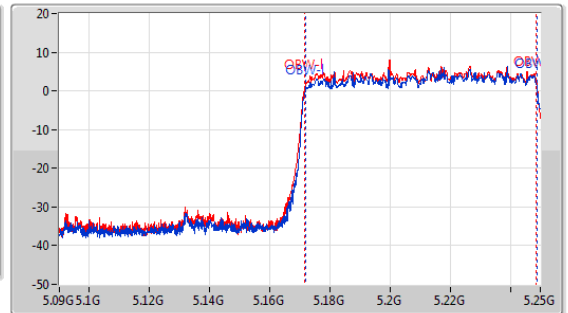
CF
5.17GHz
Span
160MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	F1-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.64M	5.16936G	5.25G	77.081M	5.171759G	5.248841G	Inf	1
81.04M	5.16896G	5.25G	77.001M	5.171679G	5.248681G	Inf	2

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

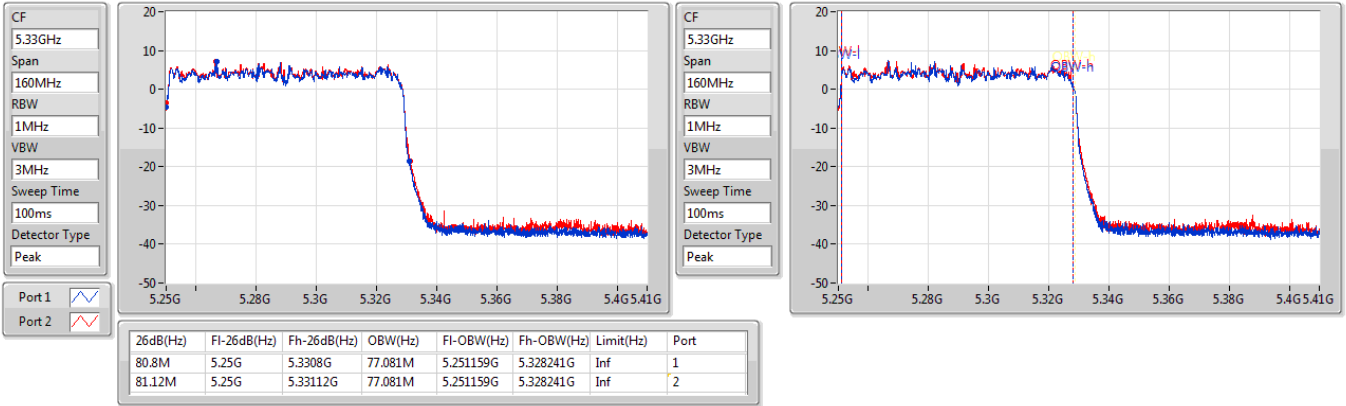




5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

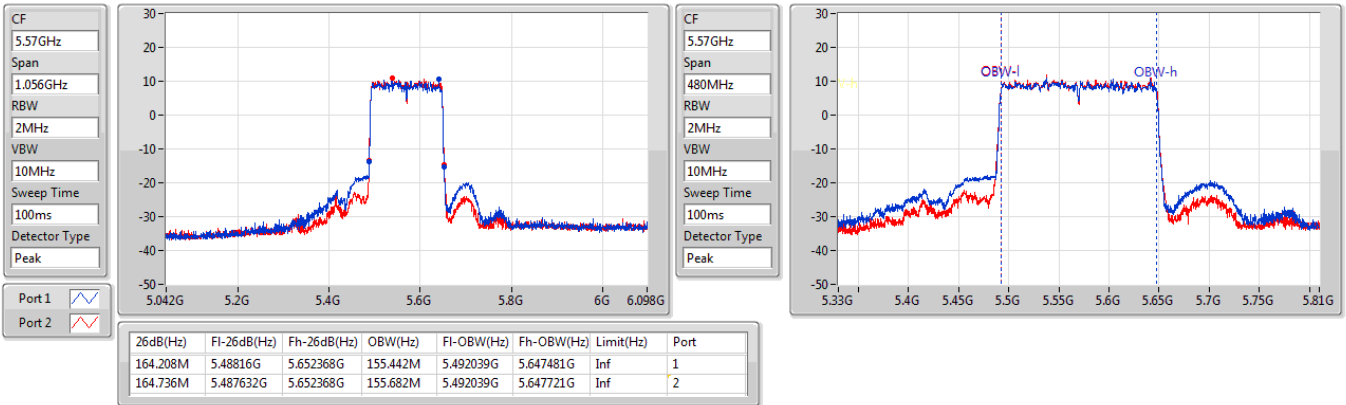
5250MHz Straddle 5.25-5.35GHz



5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz





Beamforming mode

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	37.224M	19.34M	19M3D1D	21.516M	18.471M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	47.256M	37.661M	37M7D1D	39.6M	36.642M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	81.312M	77.001M	77M0D1D	80.784M	76.882M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	80.56M	77.241M	77M2D1D	80.08M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	24.882M	17.961M	18M0D1D	21.516M	17.901M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	40.26M	37.661M	37M7D1D	39.468M	36.522M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	81.84M	77.121M	77M1D1D	81.312M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	81.28M	77.161M	77M2D1D	80.96M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	23.628M	19.13M	19M1D1D	15.78M	14.003M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	39.864M	37.721M	37M7D1D	34.825M	33.058M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	82.368M	77.241M	77M2D1D	75.3M	72.414M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	164.208M	155.922M	156MD1D	161.568M	155.442M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	18.942M	24.528M	24M5D1D	3.76M	4.318M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	37.488M	42.099M	42M1D1D	3.12M	3.618M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	76.032M	77.361M	77M4D1D	2.88M	4.138M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5180MHz	Pass	Inf	21.516M	19.04M	21.648M	19.1M
5200MHz	Pass	Inf	35.772M	19.22M	33.528M	19.34M
5240MHz	Pass	Inf	37.224M	18.951M	34.98M	18.471M
5260MHz	Pass	Inf	24.882M	17.901M	22.506M	17.931M
5300MHz	Pass	Inf	24.486M	17.931M	21.648M	17.931M
5320MHz	Pass	Inf	24.024M	17.961M	21.516M	17.931M
5500MHz	Pass	Inf	21.582M	19.13M	21.252M	19.01M
5580MHz	Pass	Inf	23.628M	17.991M	21.516M	17.871M
5700MHz	Pass	Inf	21.186M	19.04M	21.45M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.23M	14.078M	15.78M	14.003M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.418M	3.76M	4.318M
5745MHz	Pass	500k	17.622M	22.579M	17.556M	21.199M
5785MHz	Pass	500k	18.942M	23.628M	18.282M	20.75M
5825MHz	Pass	500k	18.216M	24.528M	18.942M	21.709M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.661M	39.6M	37.481M
5230MHz	Pass	Inf	40.92M	36.642M	47.256M	36.822M
5270MHz	Pass	Inf	40.26M	36.702M	40.26M	36.522M
5310MHz	Pass	Inf	39.732M	37.661M	39.468M	37.421M
5510MHz	Pass	Inf	39.732M	37.721M	39.732M	37.541M
5590MHz	Pass	Inf	39.336M	36.402M	39.6M	36.522M
5670MHz	Pass	Inf	39.864M	36.462M	39.732M	36.522M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	33.058M	35.28M	33.198M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.738M	3.12M	3.618M
5755MHz	Pass	500k	35.112M	40.84M	37.488M	40.06M
5795MHz	Pass	500k	37.224M	42.099M	36.828M	40.6M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5210MHz	Pass	Inf	80.784M	76.882M	81.312M	77.001M
5290MHz	Pass	Inf	81.312M	77.001M	81.84M	77.121M
5530MHz	Pass	Inf	81.84M	77.001M	81.312M	77.241M
5610MHz	Pass	Inf	80.784M	75.562M	82.368M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.3M	72.414M	75.3M	72.414M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	5.457M	2.88M	4.138M
5775MHz	Pass	500k	76.032M	77.001M	72.336M	77.361M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.241M	80.08M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.28M	77.161M	80.96M	77.161M
5570MHz	Pass	Inf	164.208M	155.922M	161.568M	155.442M

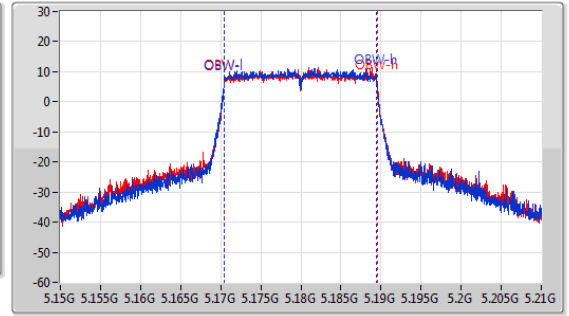
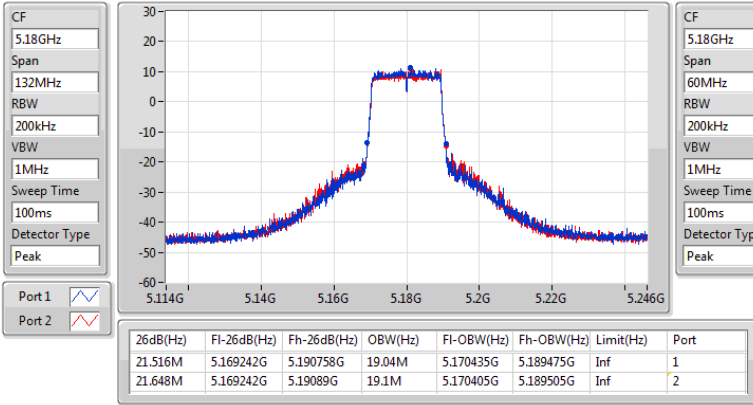
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth



5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_2TX

EBW

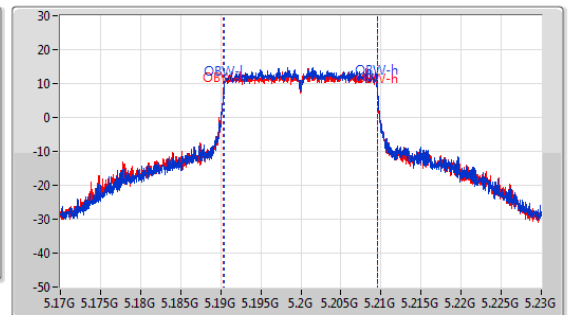
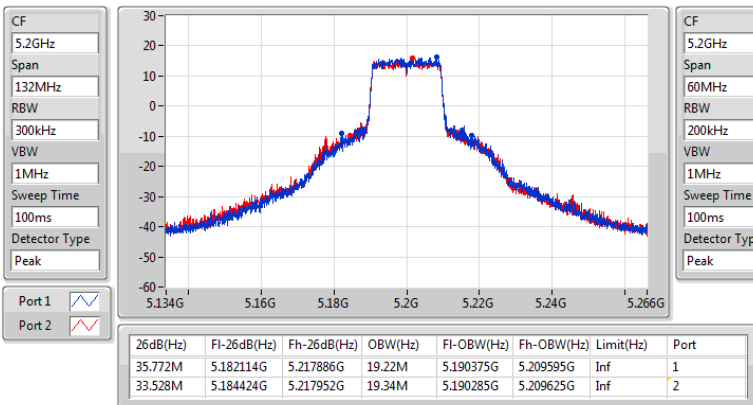
5180MHz



5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

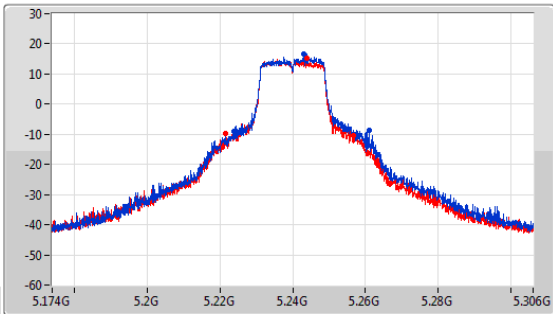


5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_2TX

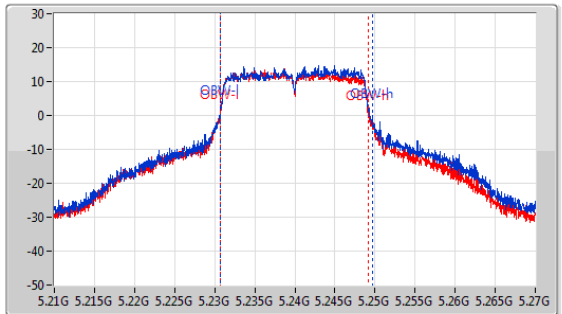
EBW

5240MHz

CF: 5.24GHz
 Span: 132MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.24GHz
 Span: 60MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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

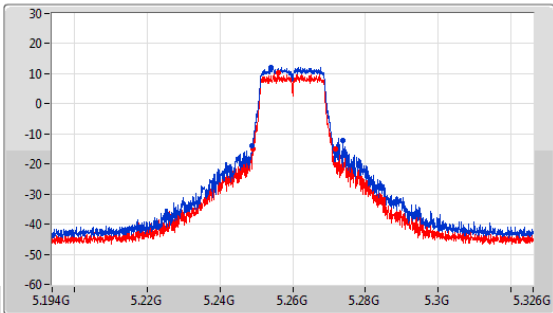
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.224M	5.22383G	5.261054G	18.951M	5.230735G	5.249685G	Inf	1
34.98M	5.221652G	5.256632G	18.471M	5.230705G	5.249175G	Inf	2

5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_2TX

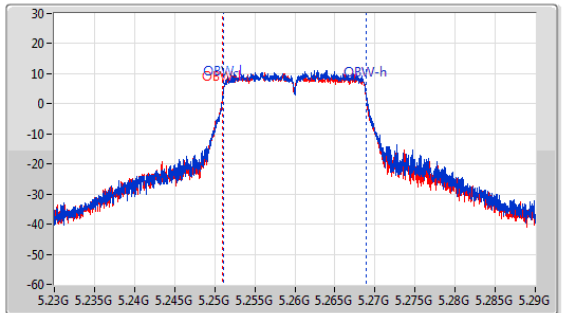
EBW

5260MHz

CF: 5.26GHz
 Span: 132MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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



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

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.882M	5.248846G	5.273728G	17.901M	5.251034G	5.268936G	Inf	1
22.506M	5.24911G	5.271616G	17.931M	5.250975G	5.268906G	Inf	2

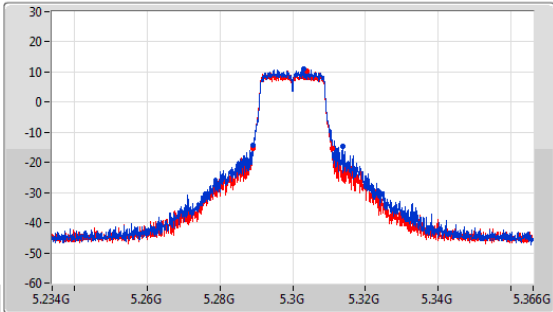


5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_2TX

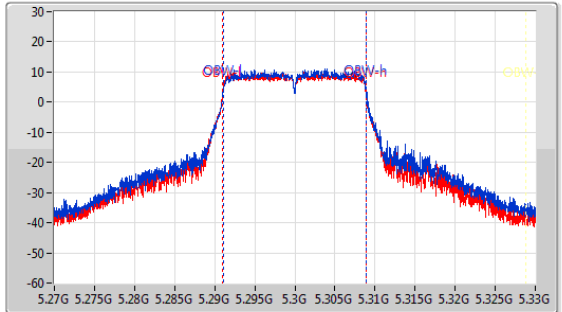
EBW

5300MHz

CF: 5.3GHz
 Span: 132MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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



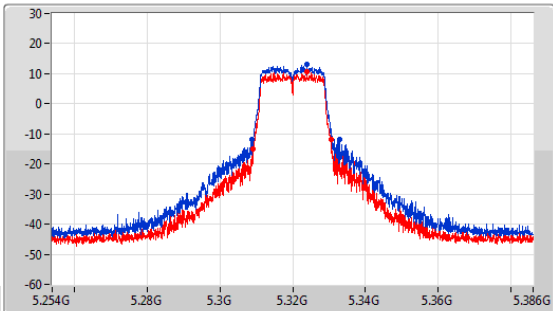
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.486M	5.289176G	5.313662G	17.931M	5.291034G	5.308966G	Inf	1
21.648M	5.289176G	5.310824G	17.931M	5.290975G	5.308906G	Inf	2

5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_2TX

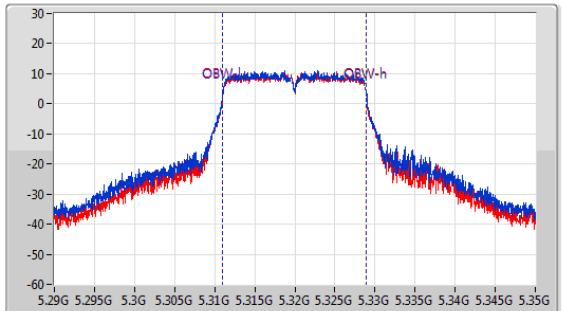
EBW

5320MHz

CF: 5.32GHz
 Span: 132MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



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

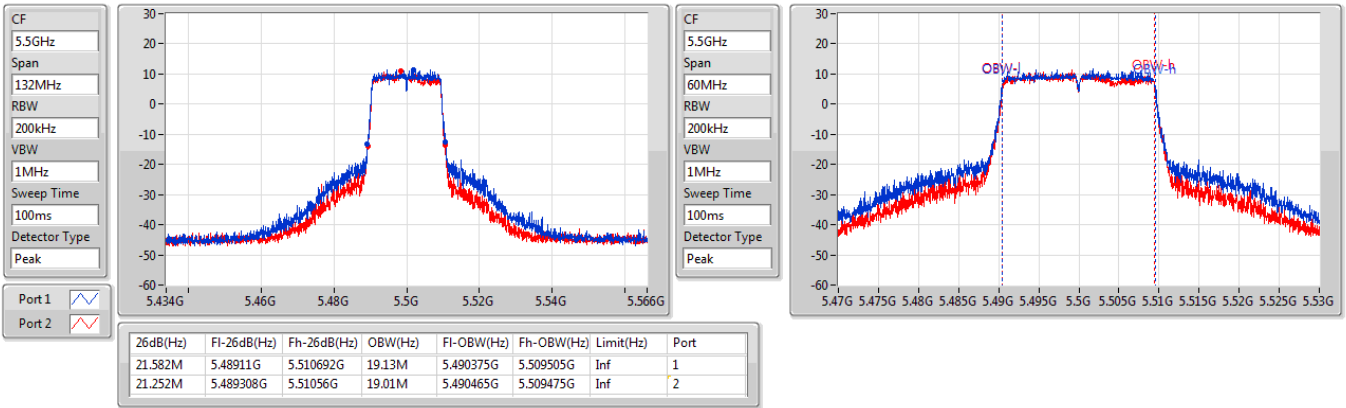


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.024M	5.30878G	5.332804G	17.961M	5.310975G	5.328936G	Inf	1
21.516M	5.30911G	5.330626G	17.931M	5.311004G	5.328936G	Inf	2

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

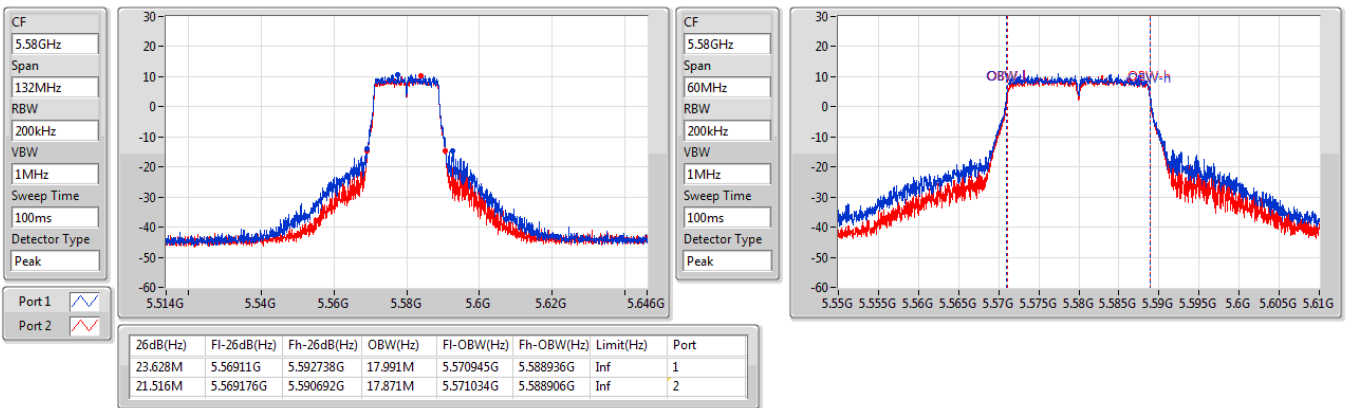
5500MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

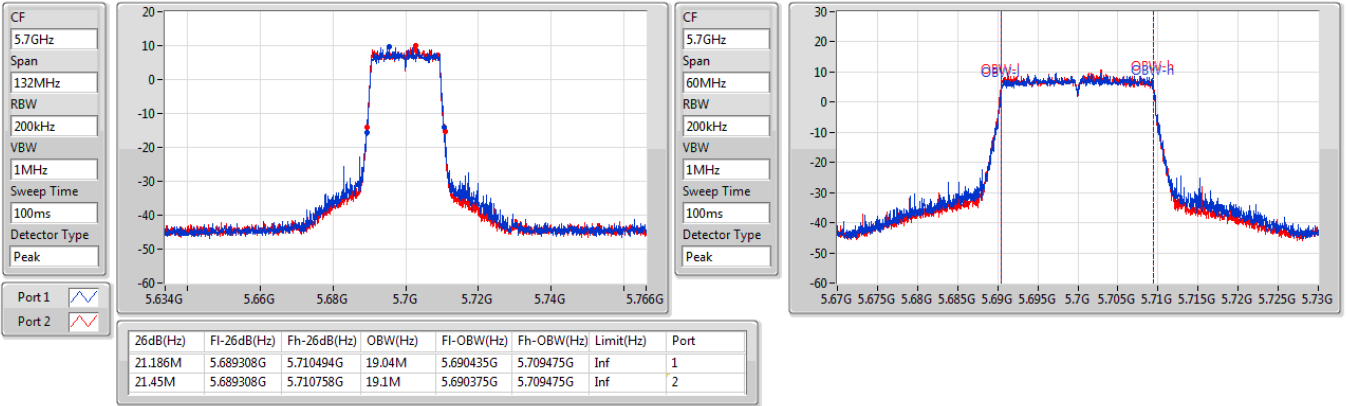




5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

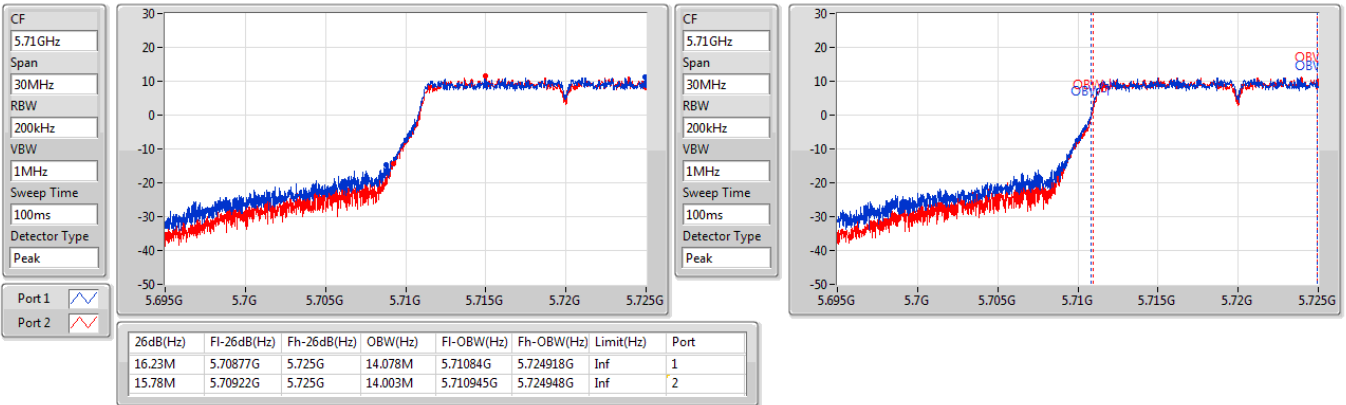
5700MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

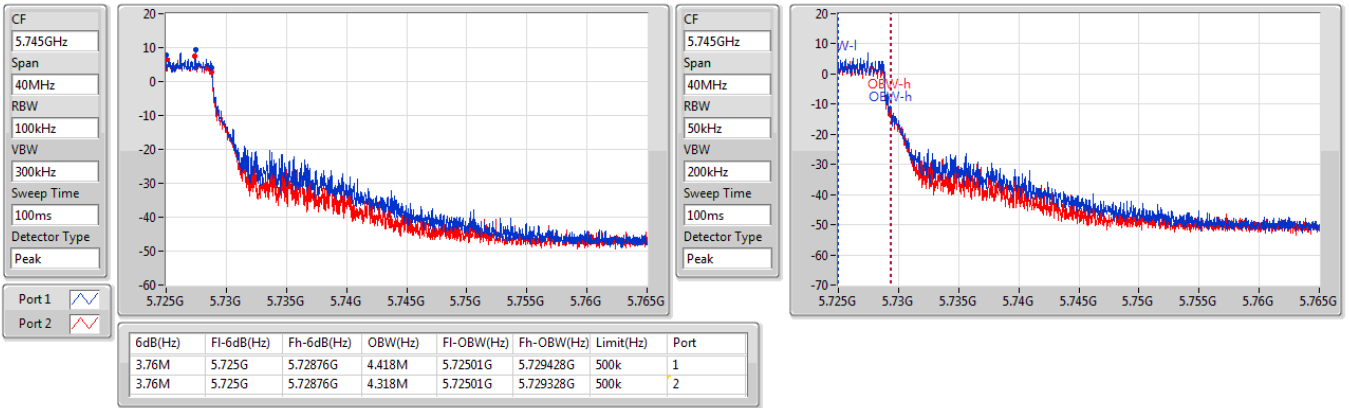




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

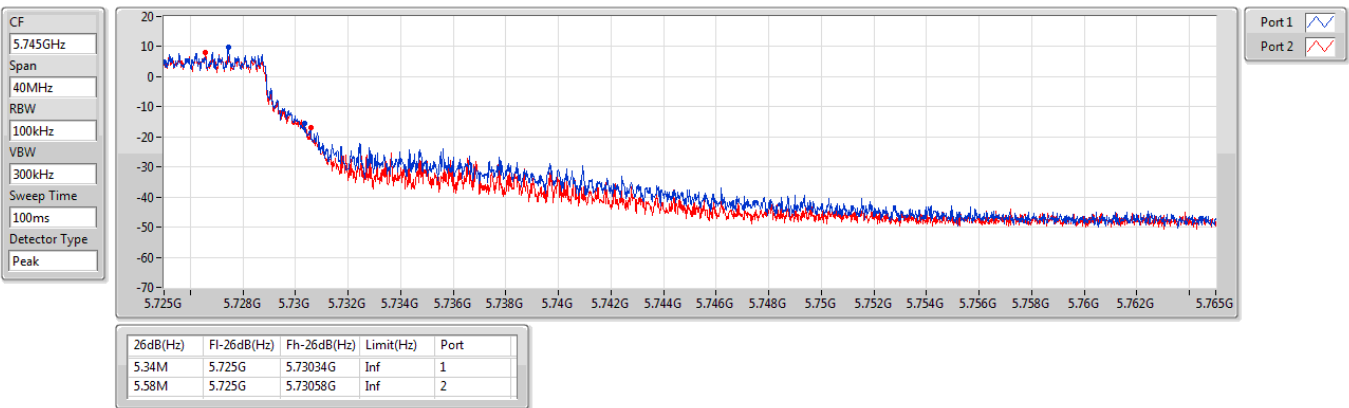
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

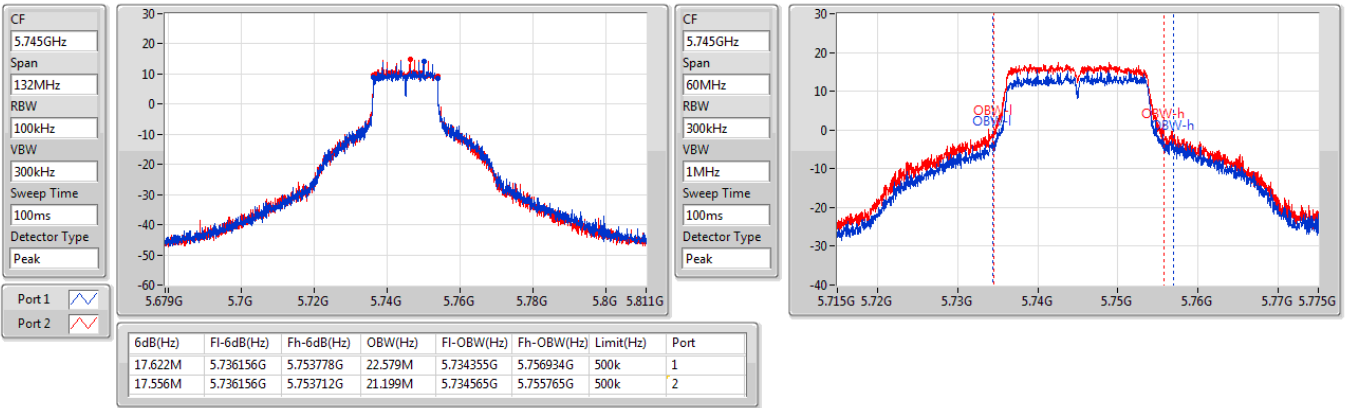




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

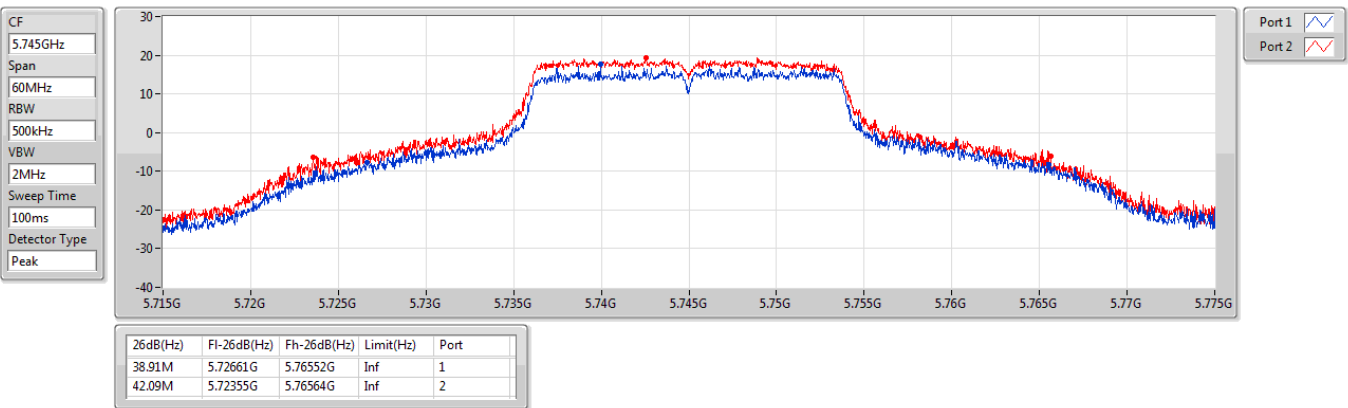
5745MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

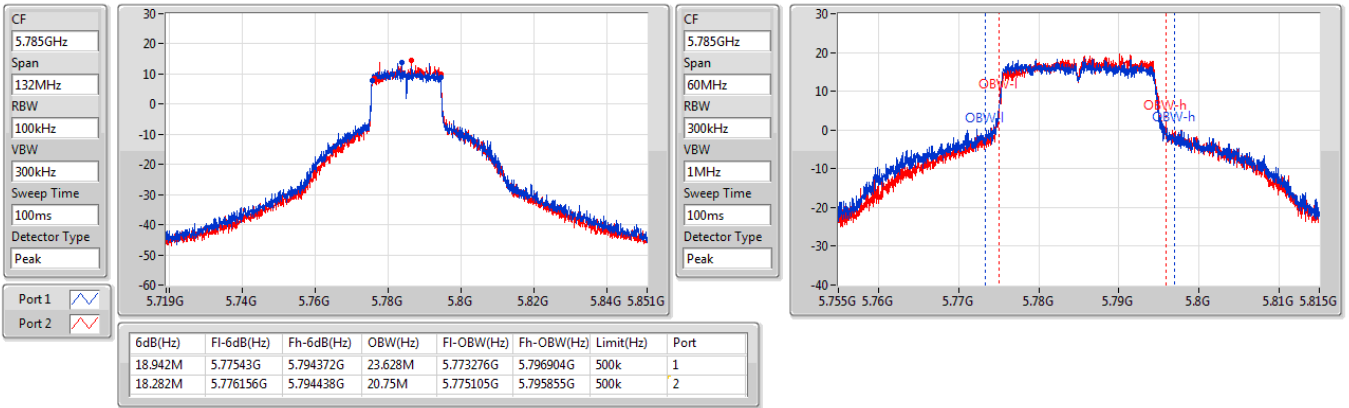




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

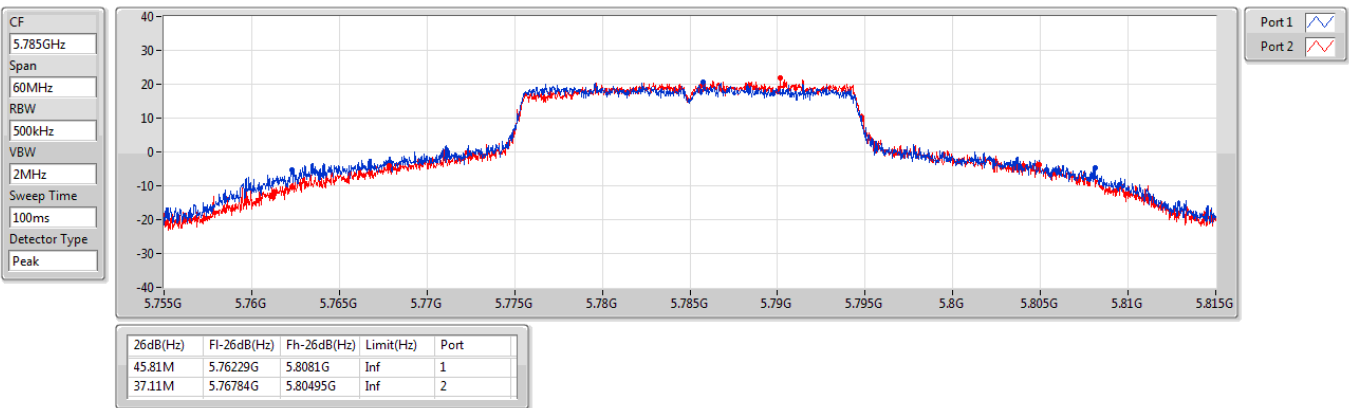
5785MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

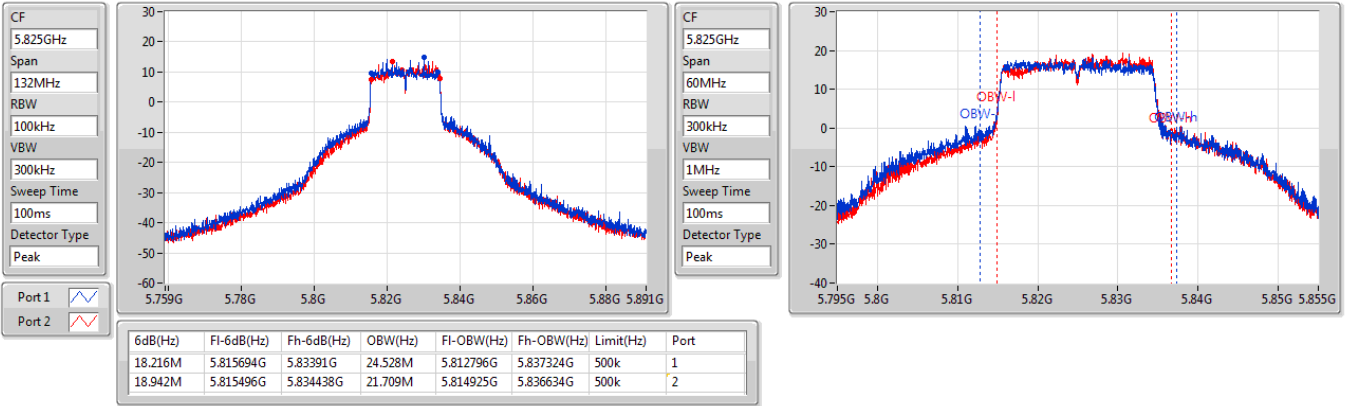




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

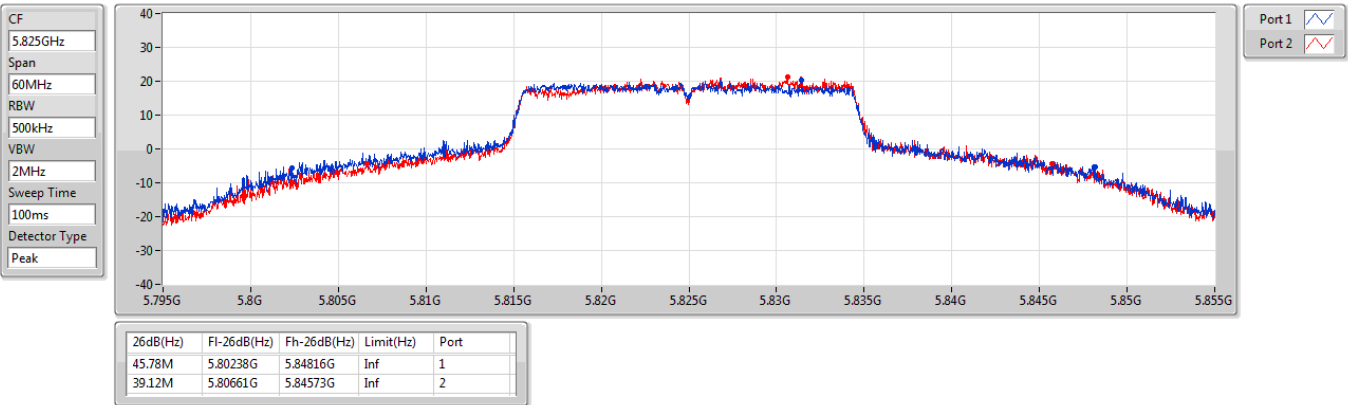
5825MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

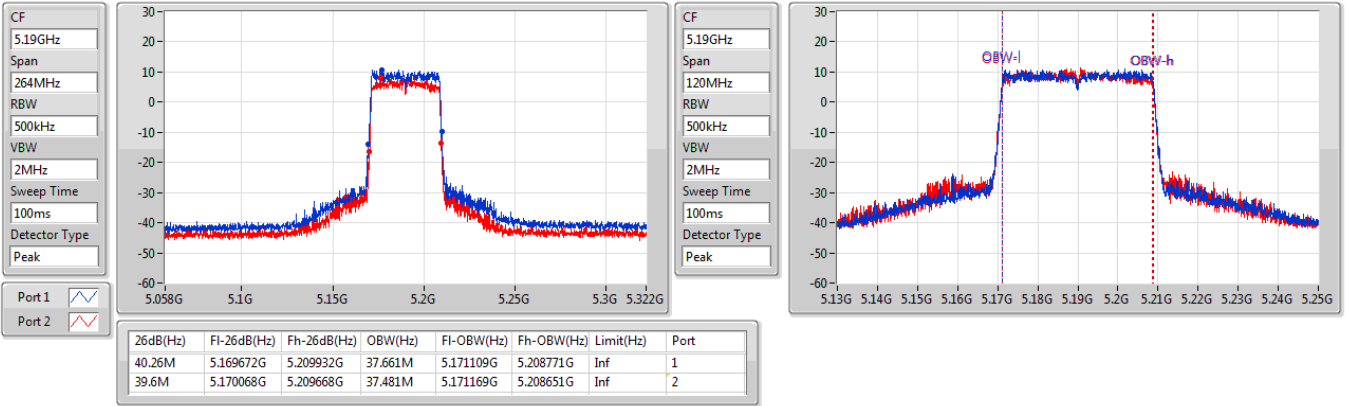
5825MHz



5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_2TX

EBW

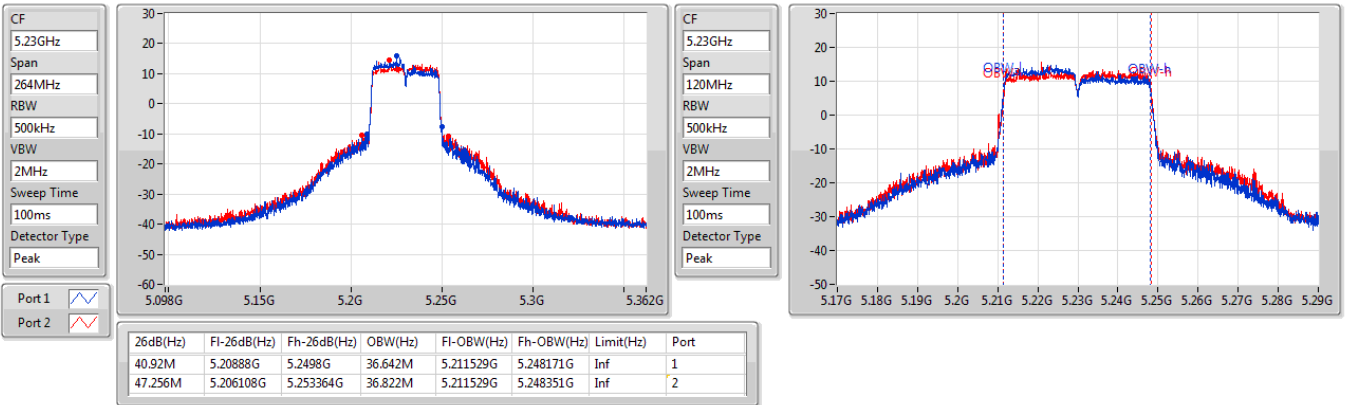
5190MHz



5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz



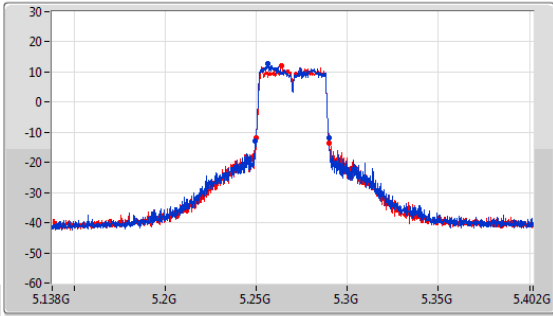


5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_2TX

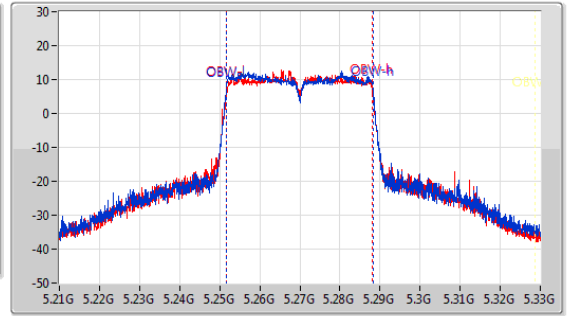
EBW

5270MHz

CF: 5.27GHz
 Span: 264MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



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



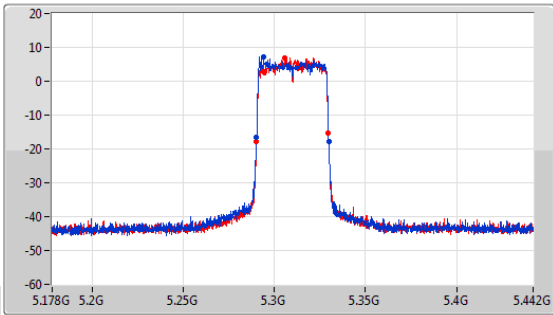
26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	F1-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.249672G	5.289932G	36.702M	5.251589G	5.288291G	Inf	1
40.26M	5.249936G	5.290196G	36.522M	5.251649G	5.288171G	Inf	2

5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_2TX

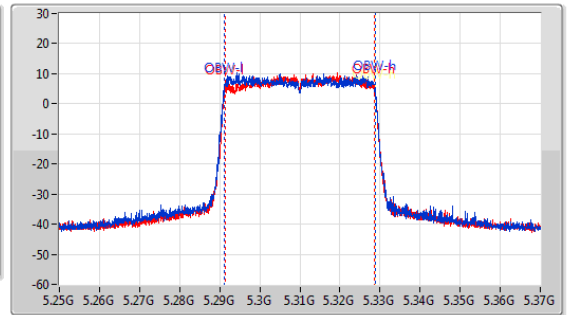
EBW

5310MHz

CF: 5.31GHz
 Span: 264MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



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

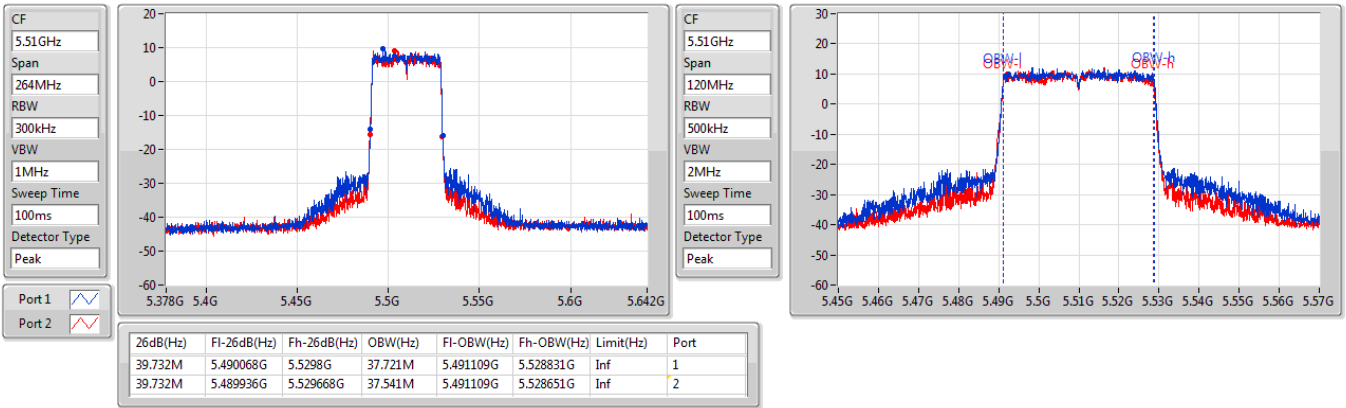


26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	F1-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.732M	5.2902G	5.329932G	37.661M	5.291109G	5.328771G	Inf	1
39.468M	5.2902G	5.329668G	37.421M	5.291289G	5.328711G	Inf	2

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

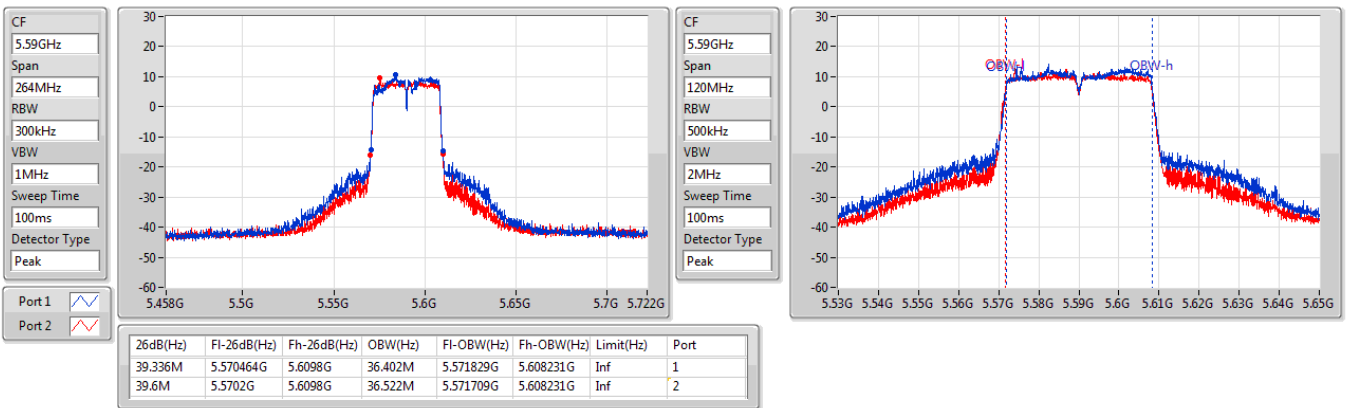
5510MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5590MHz

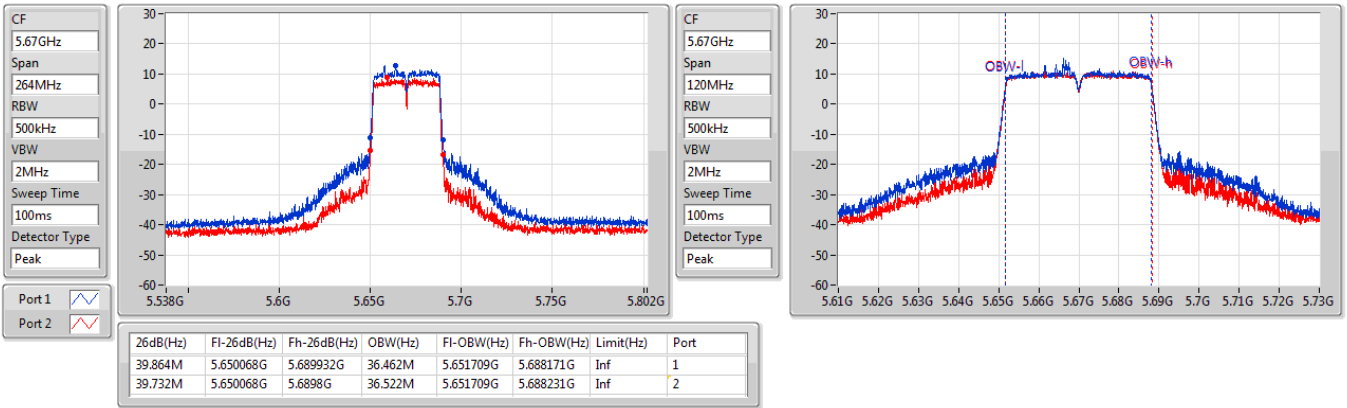




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

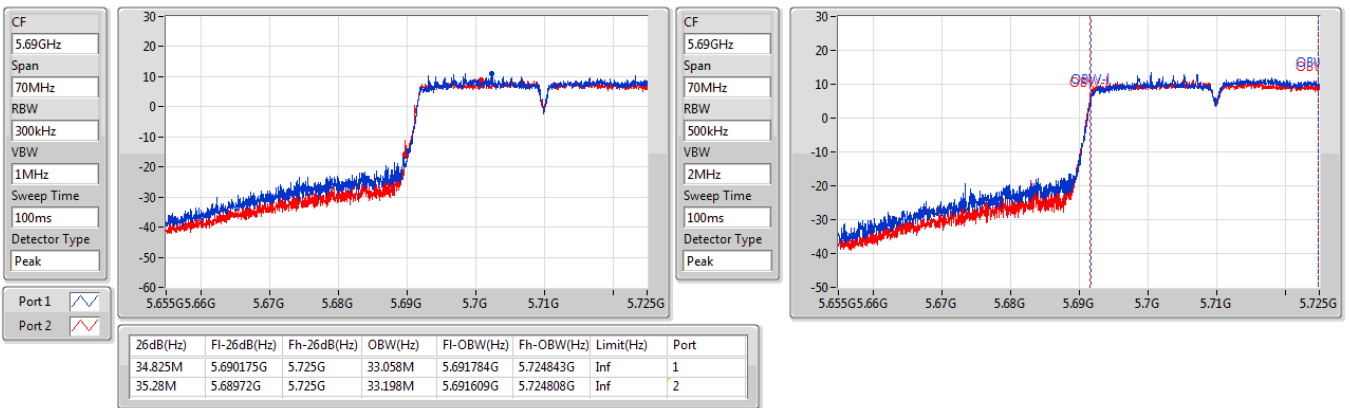
5670MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

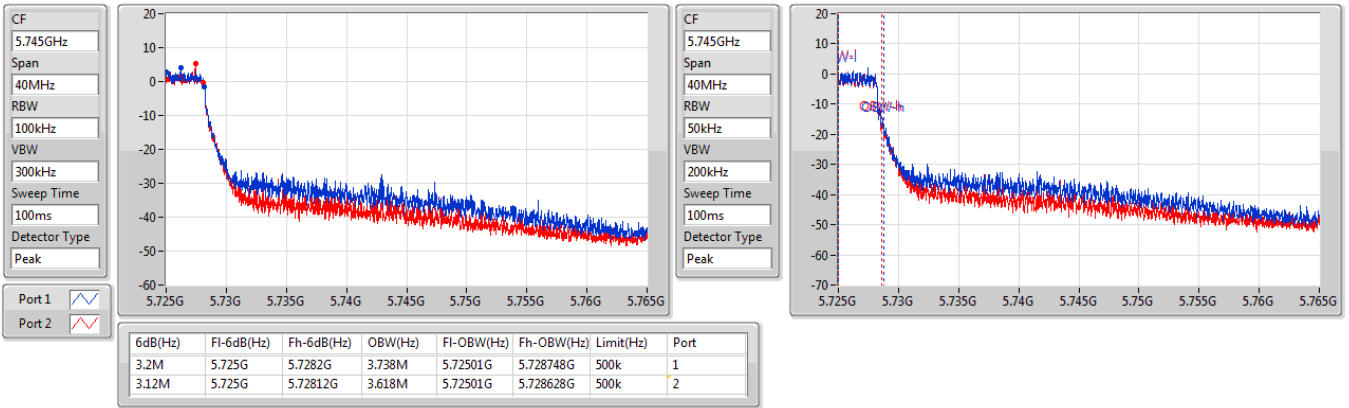




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

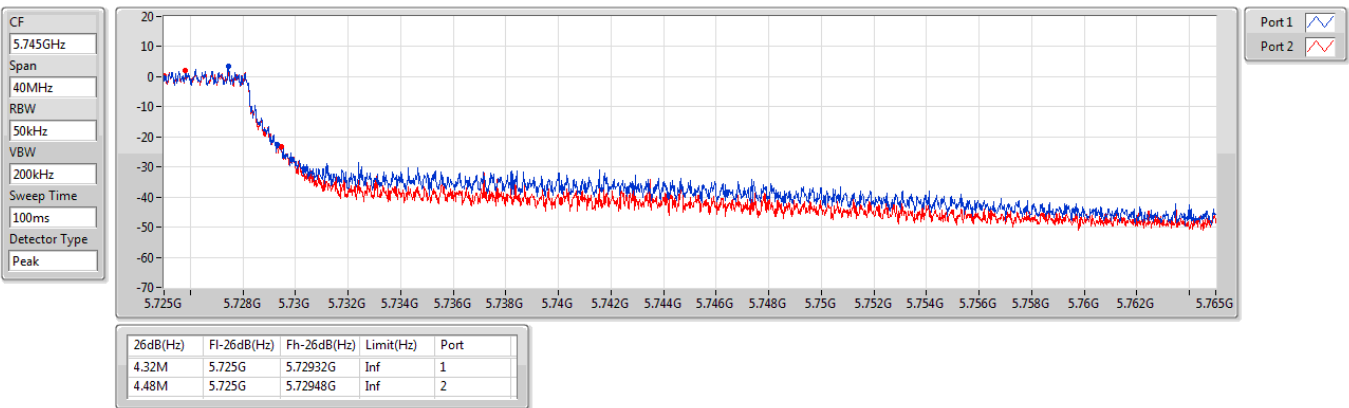
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz



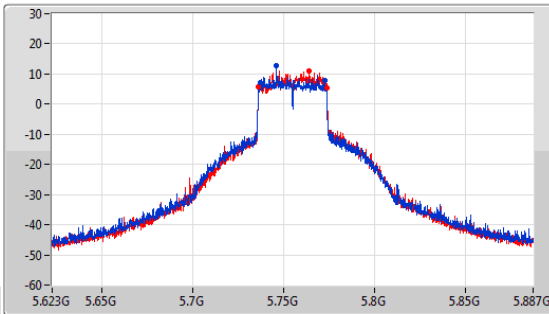


5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

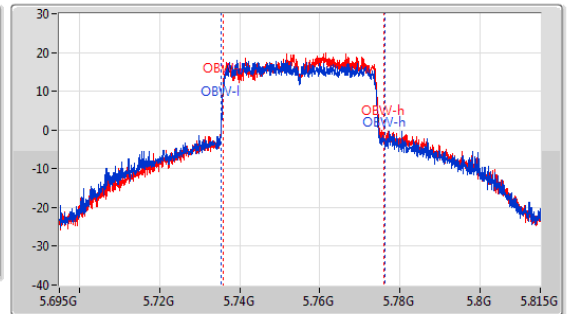
EBW

5755MHz

CF: 5.755GHz
 Span: 264MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.755GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



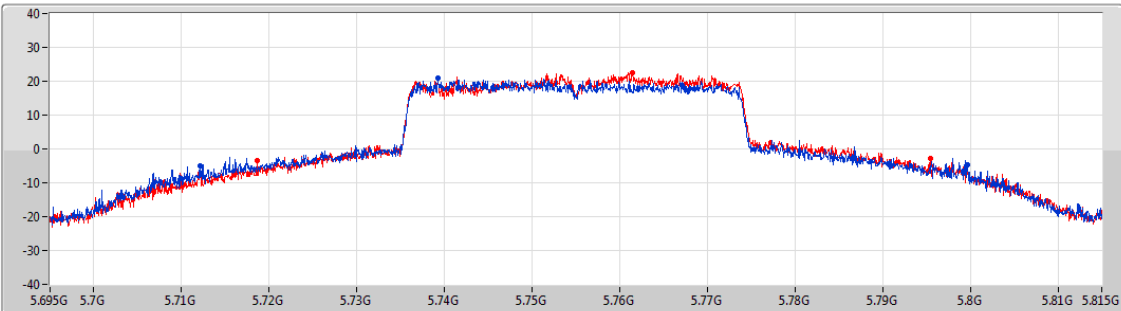
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.112M	5.737312G	5.772424G	40.84M	5.73539G	5.776229G	500k	1
37.488M	5.736388G	5.773876G	40.06M	5.73587G	5.77593G	500k	2

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

CF: 5.755GHz
 Span: 120MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1
 Port 2

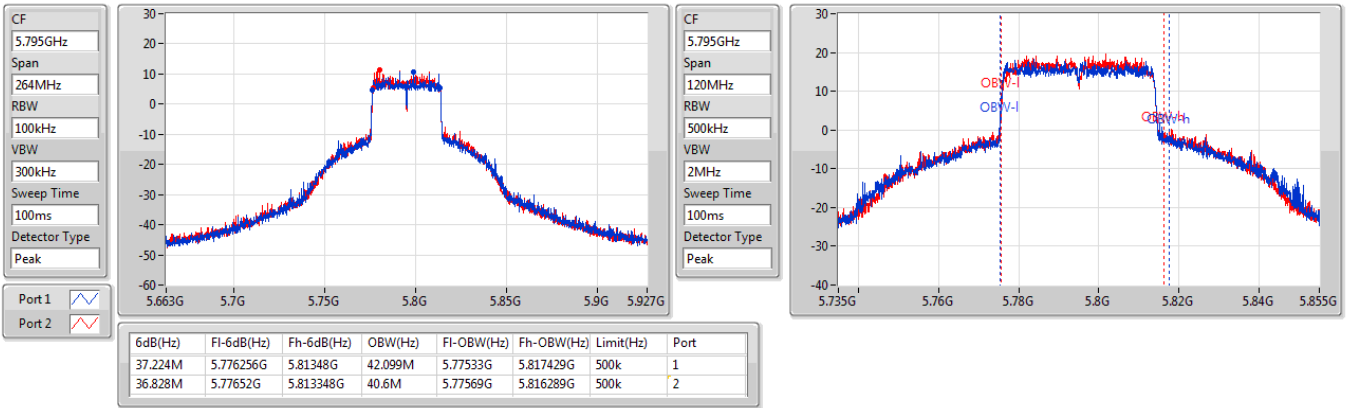
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
87.54M	5.7121G	5.79964G	Inf	1
76.86M	5.71858G	5.79544G	Inf	2



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

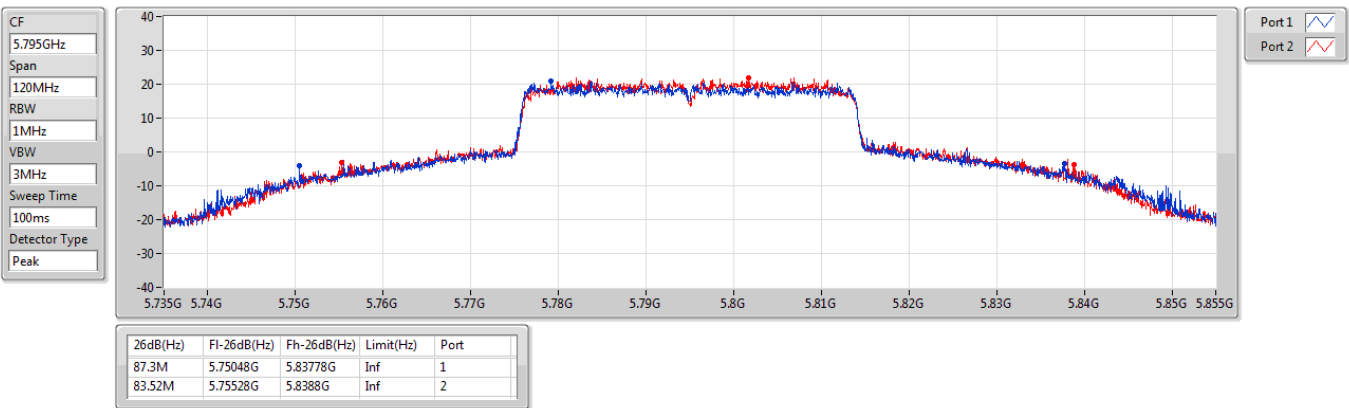
5795MHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

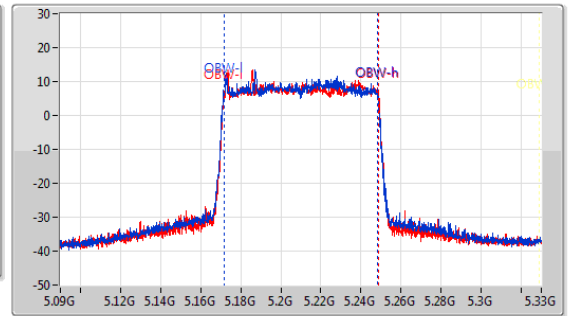
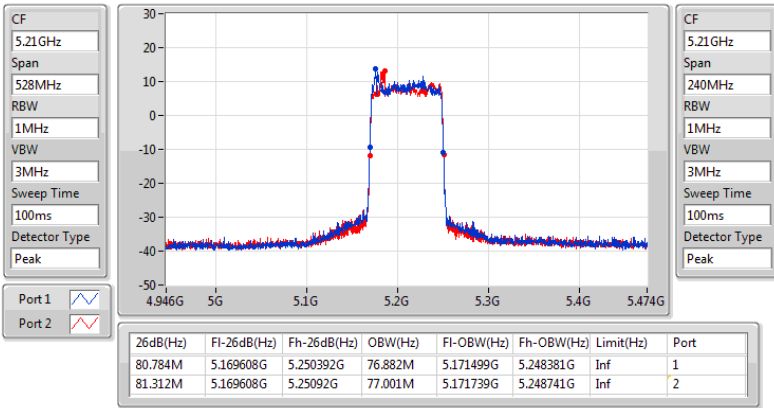




5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_2TX

EBW

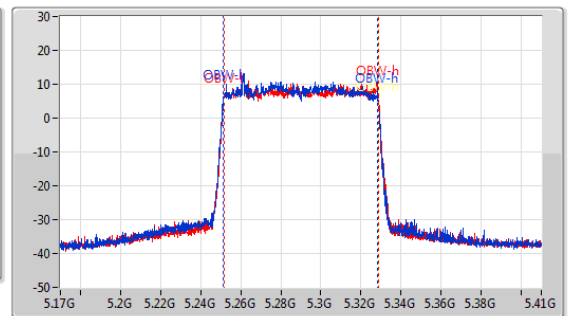
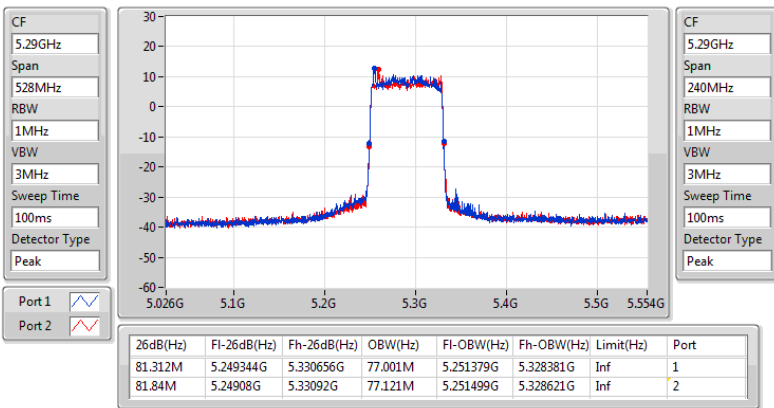
5210MHz



5.25-5.35GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

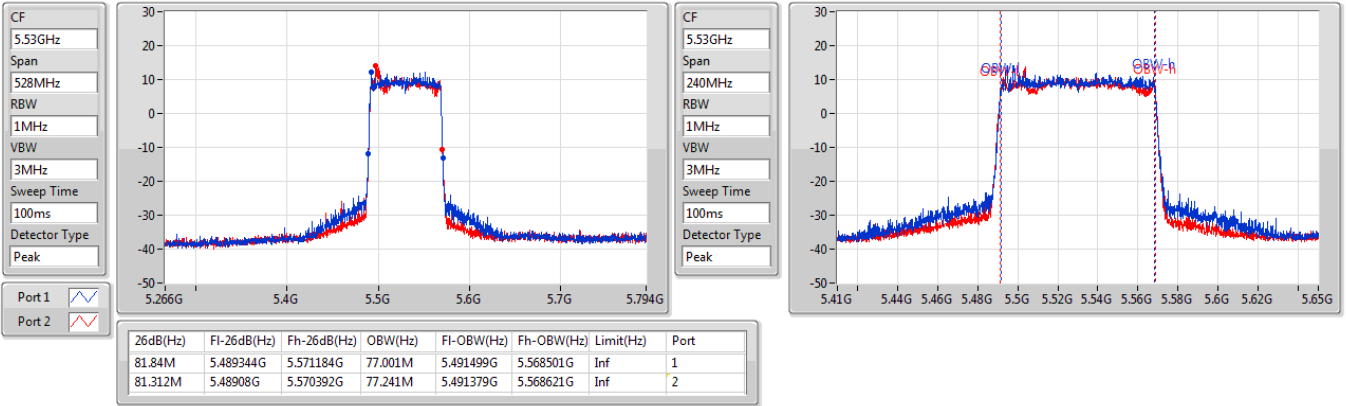




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

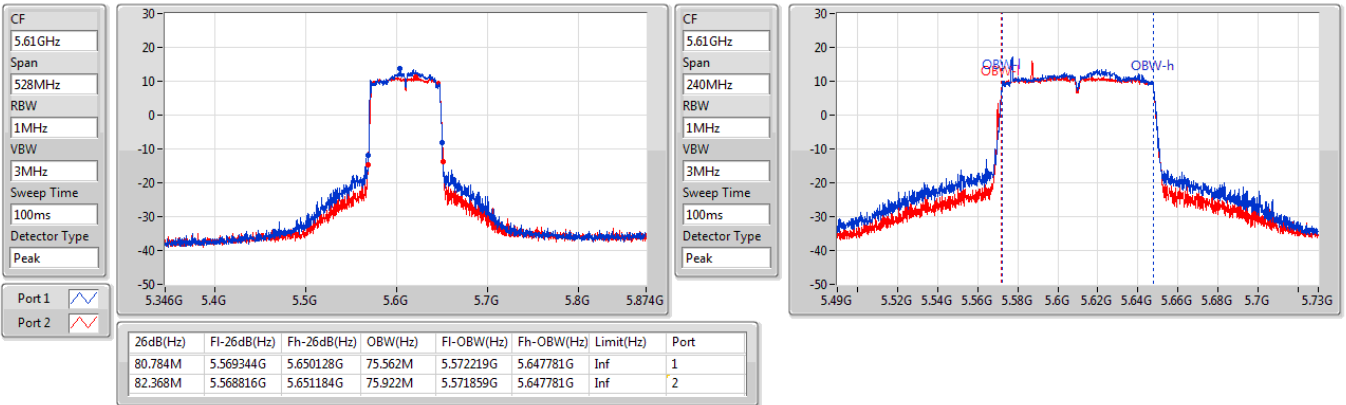
5530MHz



5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

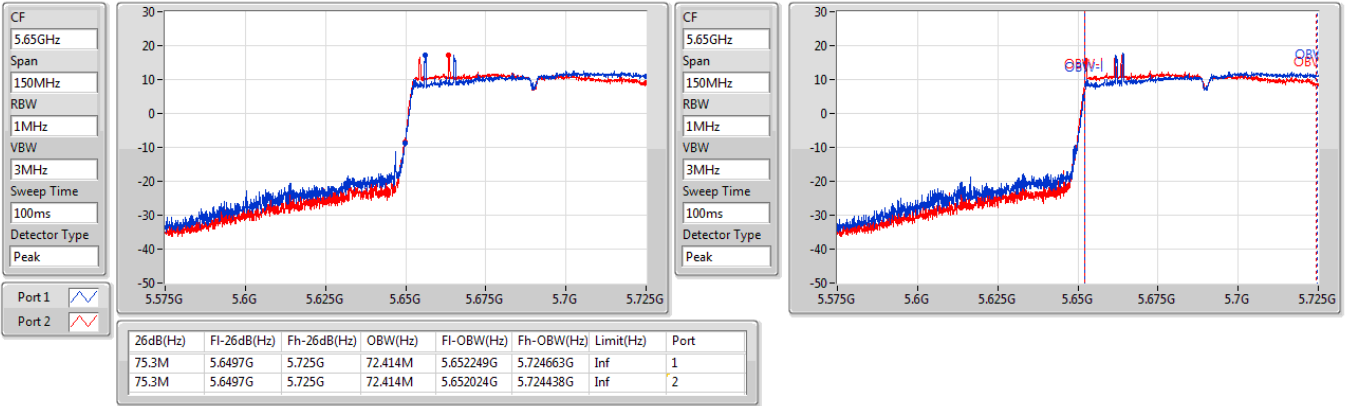




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

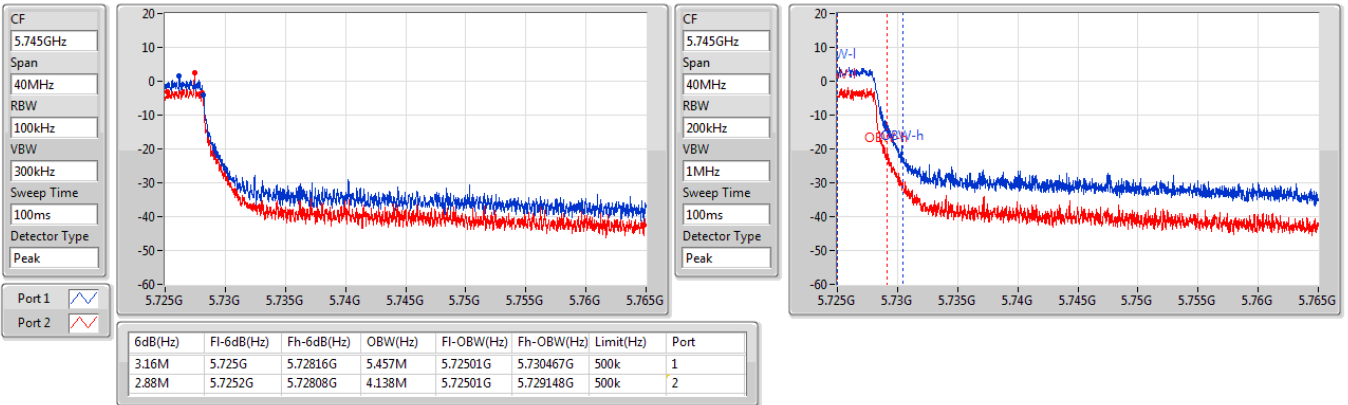
5690MHz Straddle 5.47-5.725GHz

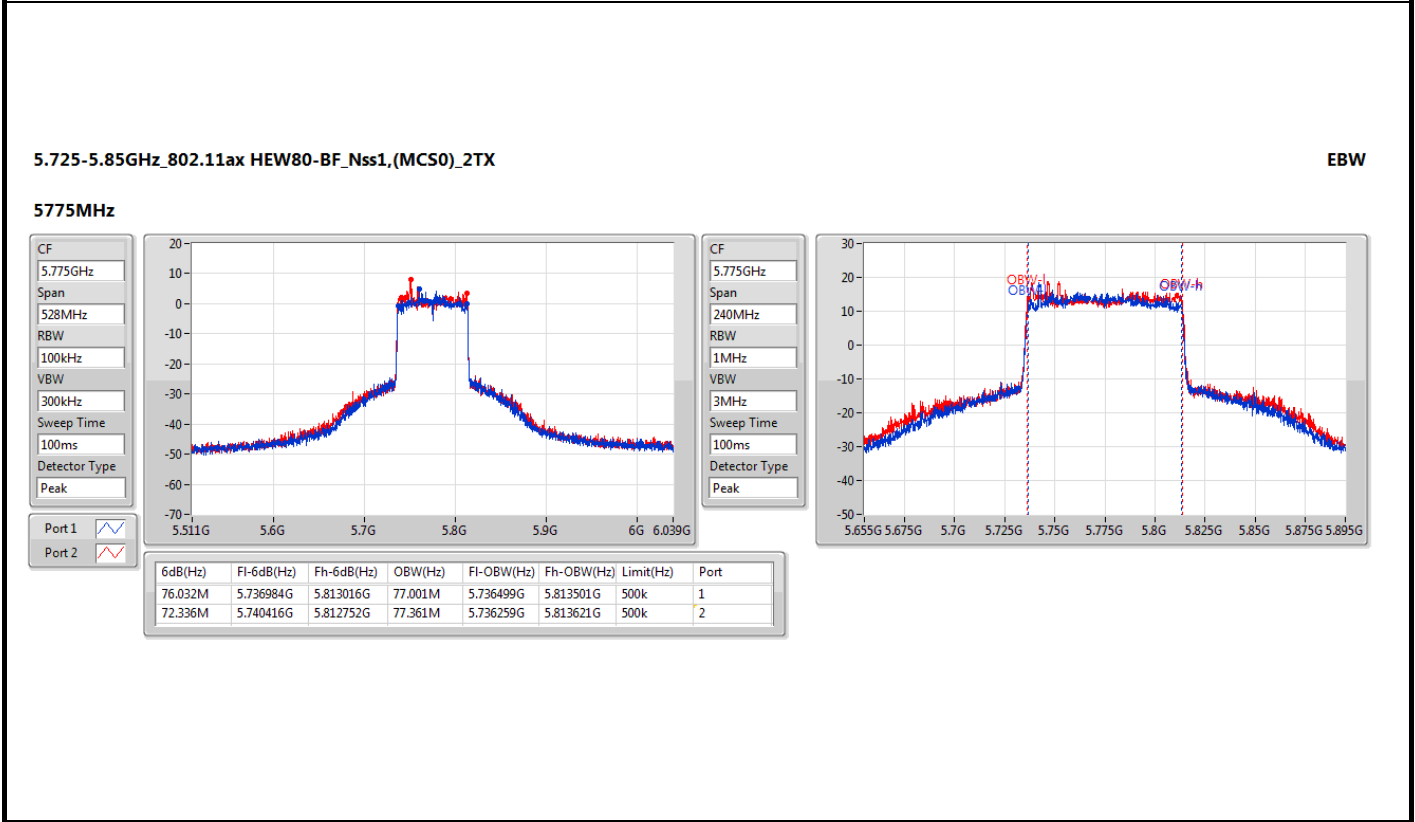
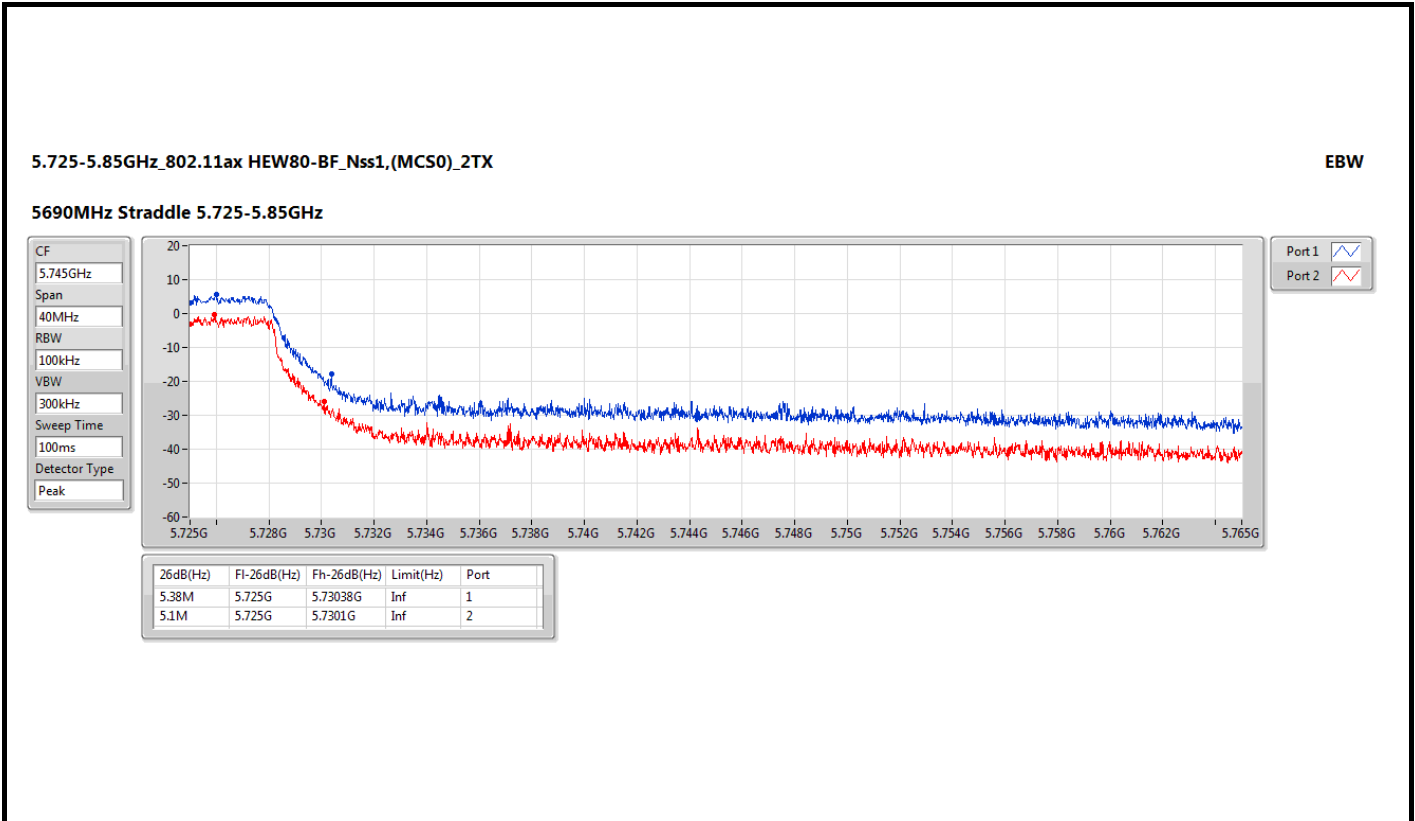


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz







5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

CF
5.775GHz

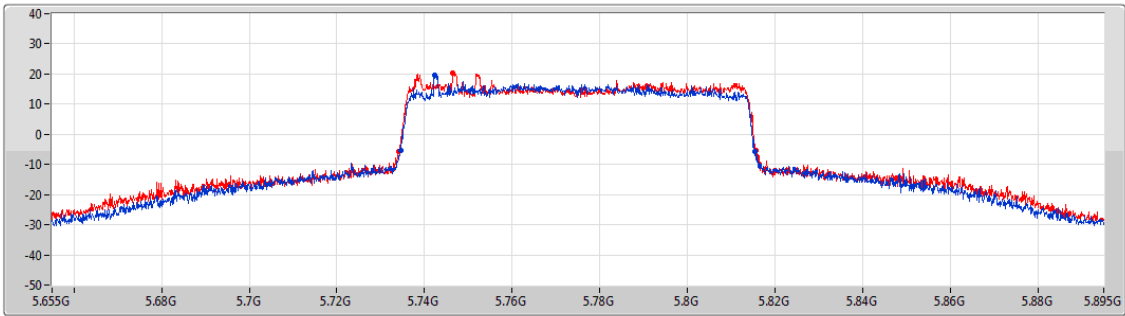
Span
240MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.88M	5.73456G	5.81544G	Inf	1
81.48M	5.7342G	5.81568G	Inf	2

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

CF
5.17GHz

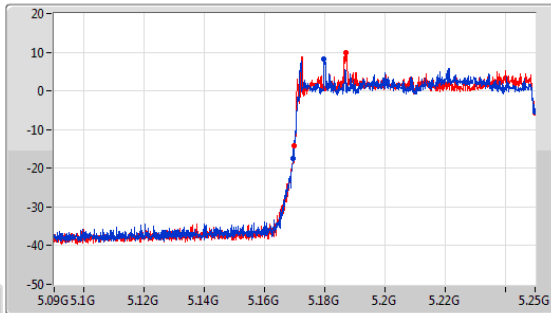
Span
160MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.17GHz

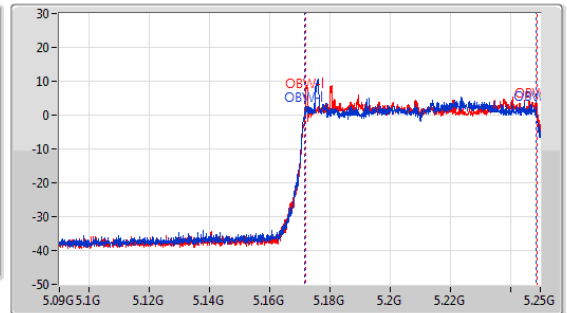
Span
160MHz

RBW
1MHz

VBW
3MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

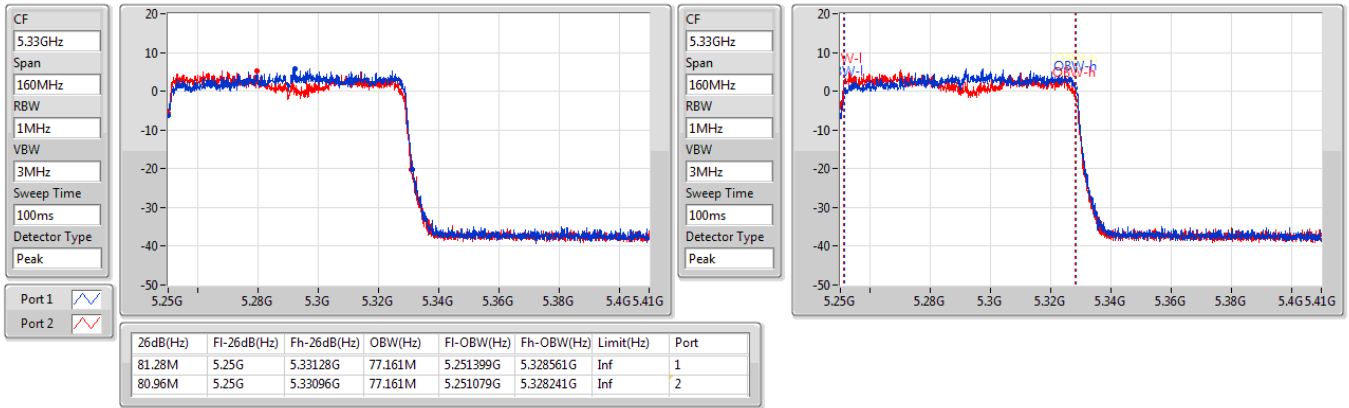
26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	F1-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.56M	5.16944G	5.25G	77.241M	5.171519G	5.248761G	Inf	1
80.08M	5.16992G	5.25G	77.241M	5.171759G	5.249G	Inf	2



5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

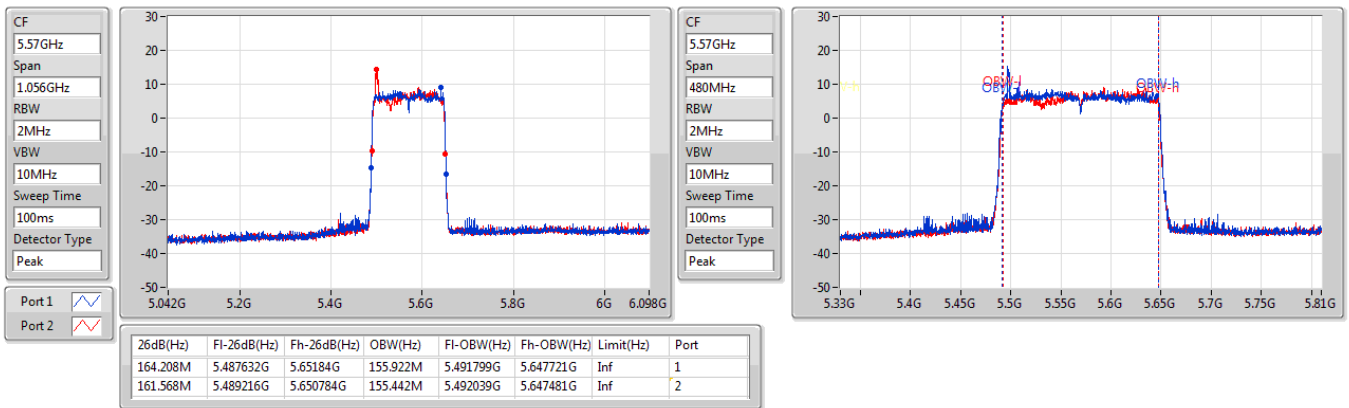
5250MHz Straddle 5.25-5.35GHz



5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

5570MHz





Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.13	0.51642	29.73	0.93972
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	26.96	0.49659	29.56	0.90365
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	25.62	0.36475	28.22	0.66374
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	20.75	0.11885	23.35	0.21627
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	16.51	0.04477	19.11	0.08147
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.78	0.23878	26.38	0.43451
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	23.88	0.24434	26.48	0.44463
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	23.70	0.23442	26.30	0.42658
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	20.52	0.11272	23.12	0.20512
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	17.07	0.05093	19.67	0.09268
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.66	0.23227	25.96	0.39446
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	23.88	0.24434	26.18	0.41495
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	23.77	0.23823	26.07	0.40458
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	23.75	0.23714	26.05	0.40272
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	20.69	0.11722	22.99	0.19907
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	28.49	0.70632	30.59	1.14551
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	28.63	0.72946	30.73	1.18304
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	28.43	0.69663	30.53	1.12980
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	26.36	0.43251	28.46	0.70146



Conducted Output Power(Average)

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.60	20.53	20.69	23.62	30.00	26.22	36.00
5200MHz	Pass	2.60	24.12	23.77	26.96	30.00	29.56	36.00
5240MHz	Pass	2.60	24.2	24.03	27.13	30.00	29.73	36.00
5260MHz	Pass	2.60	20.43	20.81	23.63	24.00	26.23	30.00
5300MHz	Pass	2.60	20.68	20.85	23.78	24.00	26.38	30.00
5320MHz	Pass	2.60	20.51	20.74	23.64	24.00	26.24	30.00
5500MHz	Pass	2.30	20.54	20.75	23.66	24.00	25.96	30.00
5580MHz	Pass	2.30	20.33	20.71	23.53	24.00	25.83	30.00
5700MHz	Pass	2.30	18.24	18.95	21.62	24.00	23.92	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.30	19.22	19.93	22.60	22.94	24.90	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	2.10	12.94	13.61	16.30	30.00	18.40	36.00
5745MHz	Pass	2.10	24.61	25.92	28.32	30.00	30.42	36.00
5785MHz	Pass	2.10	24.85	25.98	28.46	30.00	30.56	36.00
5825MHz	Pass	2.10	25.04	25.88	28.49	30.00	30.59	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	2.60	20.25	20.87	23.58	30.00	26.18	36.00
5200MHz	Pass	2.60	23.69	23.95	26.83	30.00	29.43	36.00
5240MHz	Pass	2.60	23.94	23.95	26.96	30.00	29.56	36.00
5260MHz	Pass	2.60	20.62	20.94	23.79	24.00	26.39	30.00
5300MHz	Pass	2.60	20.75	20.98	23.88	24.00	26.48	30.00
5320MHz	Pass	2.60	20.8	20.91	23.87	24.00	26.47	30.00
5500MHz	Pass	2.30	20.71	21.03	23.88	24.00	26.18	30.00
5580MHz	Pass	2.30	20.45	20.82	23.65	24.00	25.95	30.00
5700MHz	Pass	2.30	18.47	19.15	21.83	24.00	24.13	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.30	19.47	20.26	22.89	22.95	25.19	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	2.10	13.96	14.73	17.37	30.00	19.47	36.00
5745MHz	Pass	2.10	24.69	25.97	28.39	30.00	30.49	36.00
5785MHz	Pass	2.10	25.01	26.11	28.61	30.00	30.71	36.00
5825MHz	Pass	2.10	25.14	26.06	28.63	30.00	30.73	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	2.60	18.12	18.75	21.46	30.00	24.06	36.00
5230MHz	Pass	2.60	22.35	22.85	25.62	30.00	28.22	36.00
5270MHz	Pass	2.60	20.46	20.91	23.70	24.00	26.30	30.00
5310MHz	Pass	2.60	18.93	19.31	22.13	24.00	24.73	30.00
5510MHz	Pass	2.30	19.24	19.48	22.37	24.00	24.67	30.00
5590MHz	Pass	2.30	20.45	21.05	23.77	24.00	26.07	30.00
5670MHz	Pass	2.30	20.3	20.7	23.51	24.00	25.81	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.30	20.07	20.89	23.51	24.00	25.81	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.10	9.95	10.53	13.26	30.00	15.36	36.00

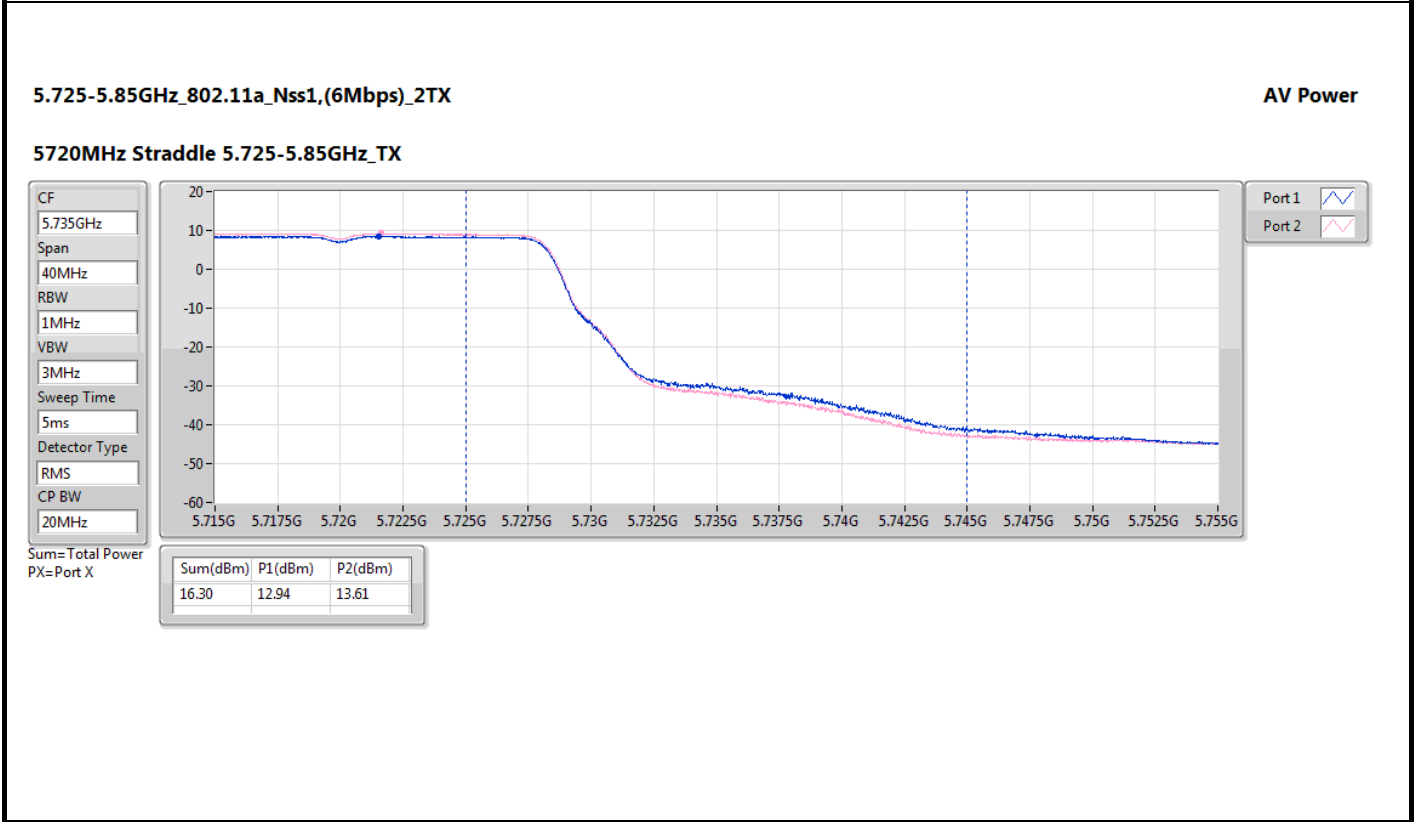
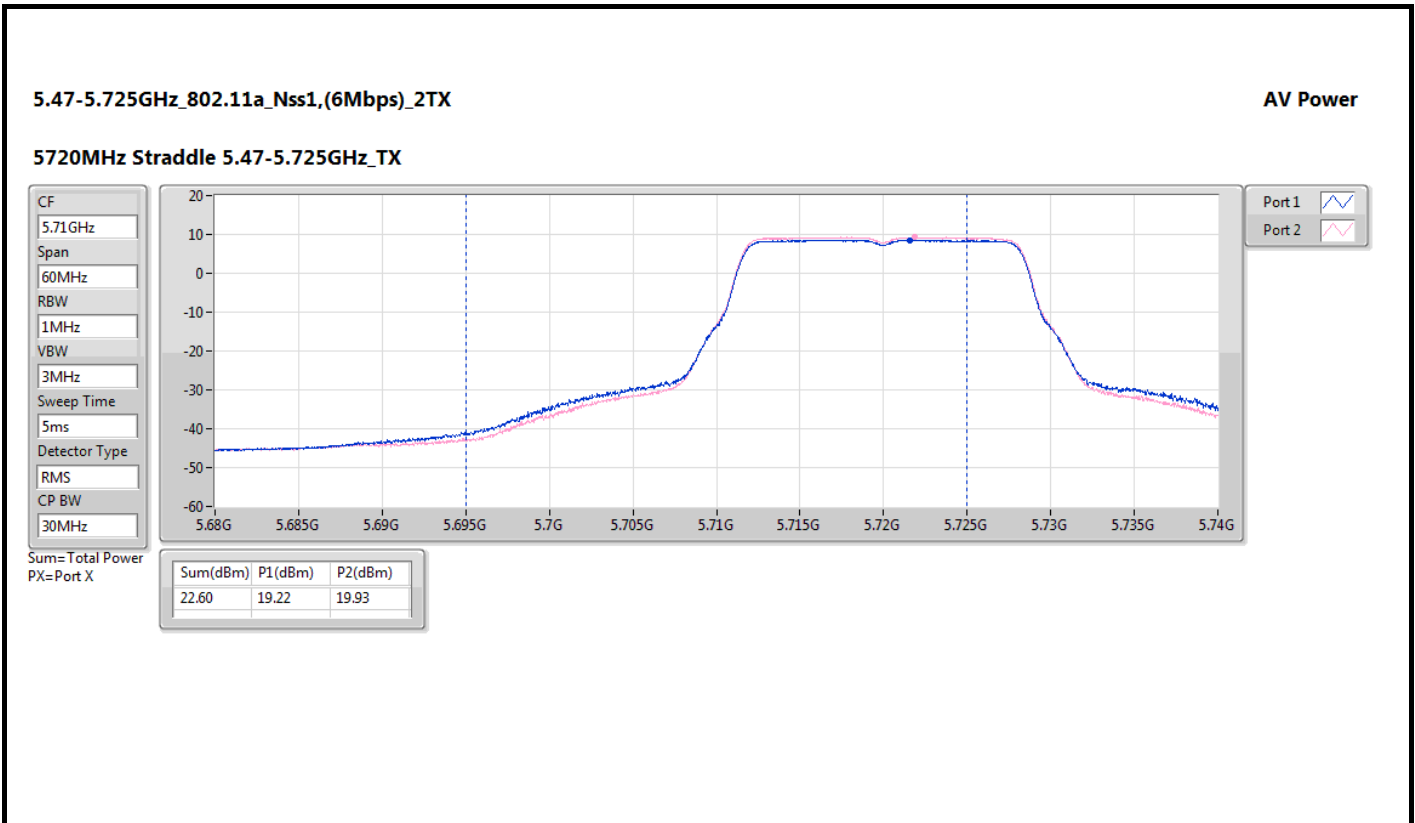


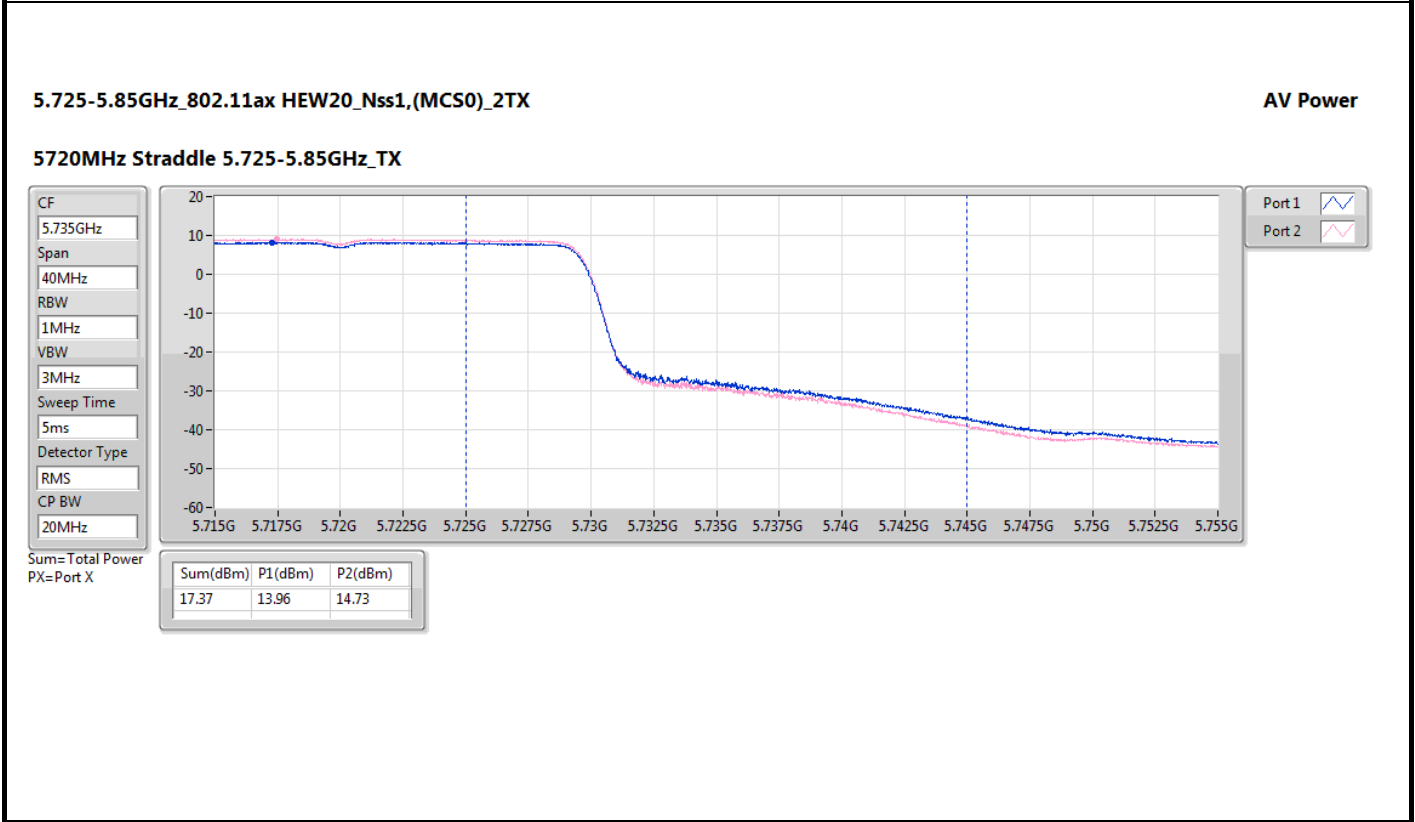
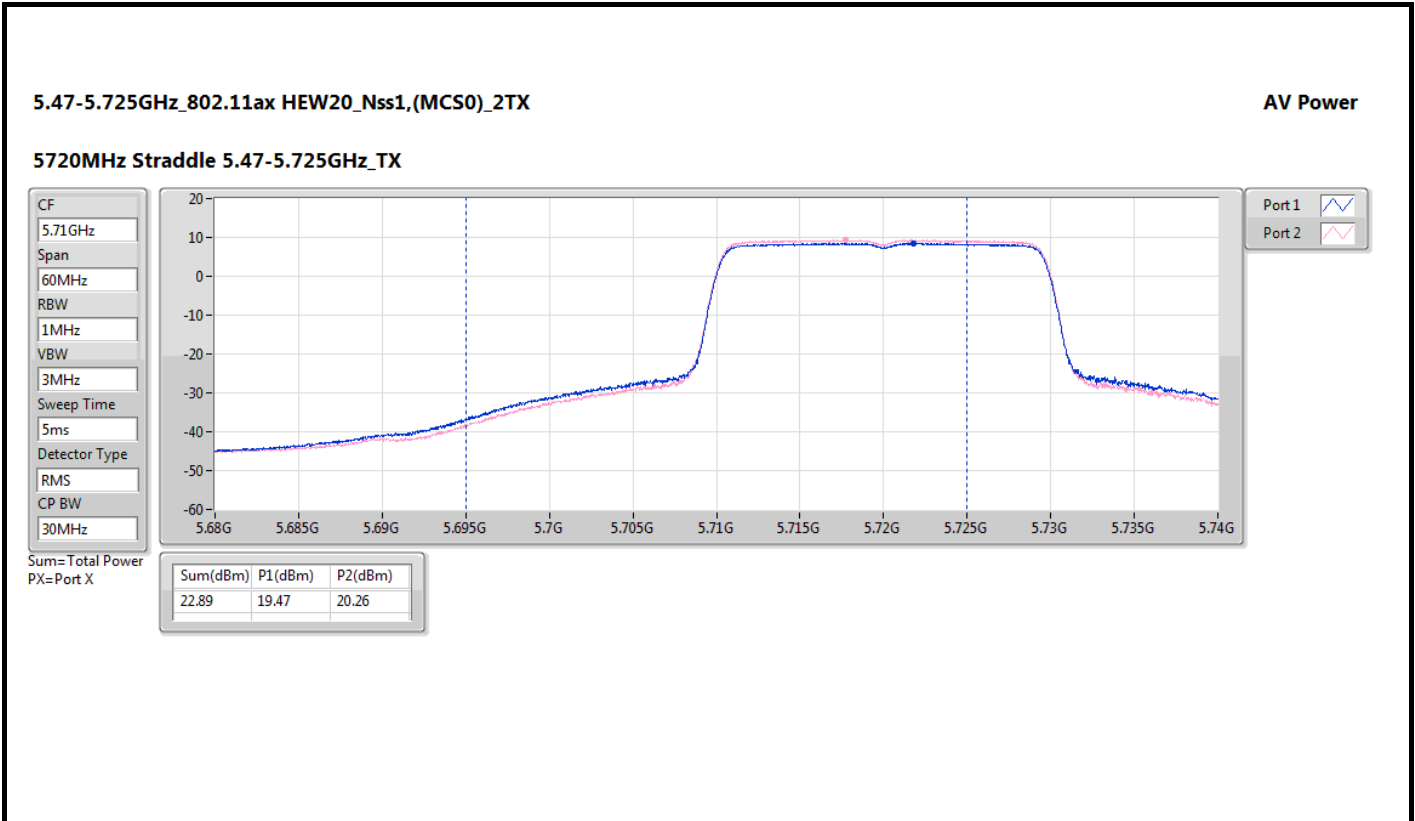
Conducted Output Power(Average)

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	2.10	24.52	25.95	28.30	30.00	30.40	36.00
5795MHz	Pass	2.10	24.76	25.99	28.43	30.00	30.53	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	2.60	17.41	18.05	20.75	30.00	23.35	36.00
5290MHz	Pass	2.60	17.25	17.76	20.52	24.00	23.12	30.00
5530MHz	Pass	2.30	19.34	19.46	22.41	24.00	24.71	30.00
5610MHz	Pass	2.30	20.2	20.85	23.55	24.00	25.85	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.30	20.31	21.13	23.75	24.00	26.05	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.10	6.42	7.12	9.79	30.00	11.89	36.00
5775MHz	Pass	2.10	22.62	23.98	26.36	30.00	28.46	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.60	12.99	13.95	16.51	30.00	19.11	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	2.60	13.84	14.26	17.07	24.00	19.67	30.00
5570MHz	Pass	2.30	17.55	17.81	20.69	24.00	22.99	30.00

DG = Directional Gain; Port X = Port X output power



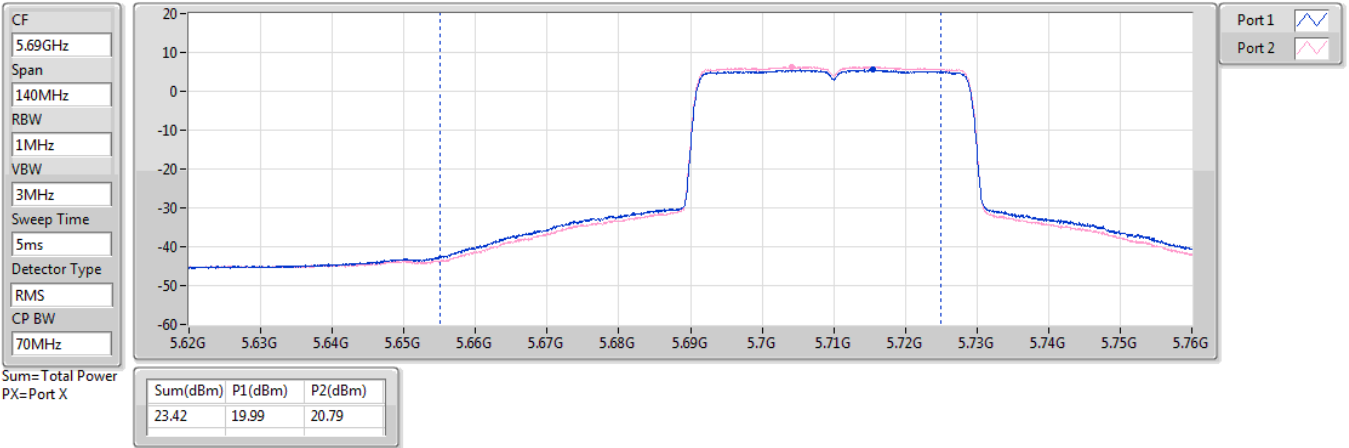




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

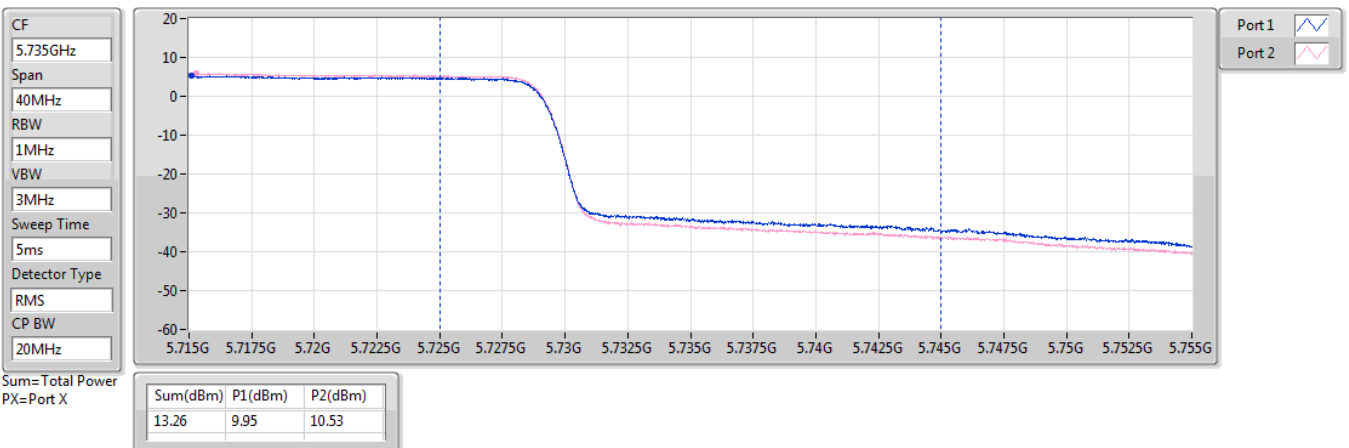
5710MHz Straddle 5.47-5.725GHz_TX

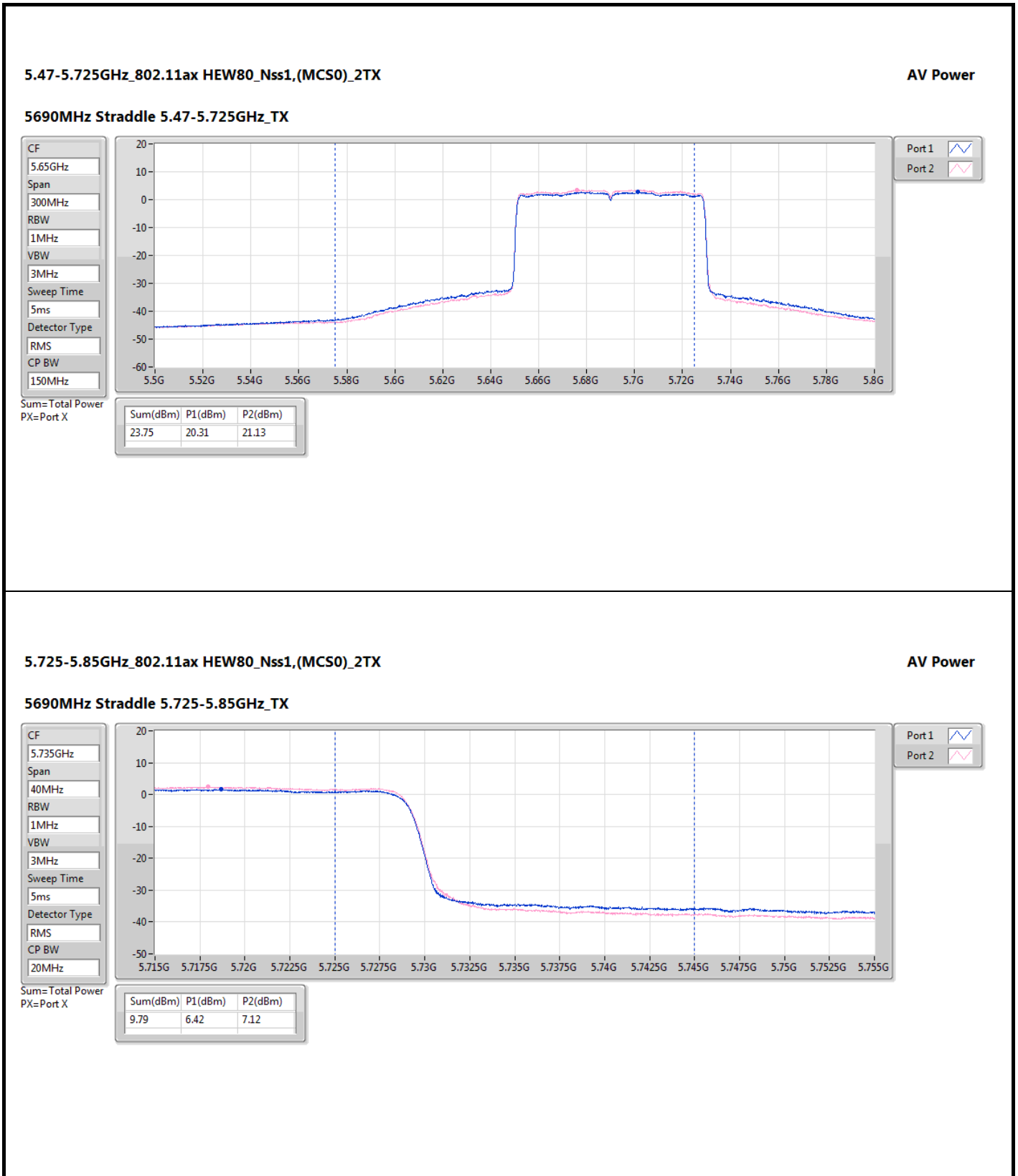


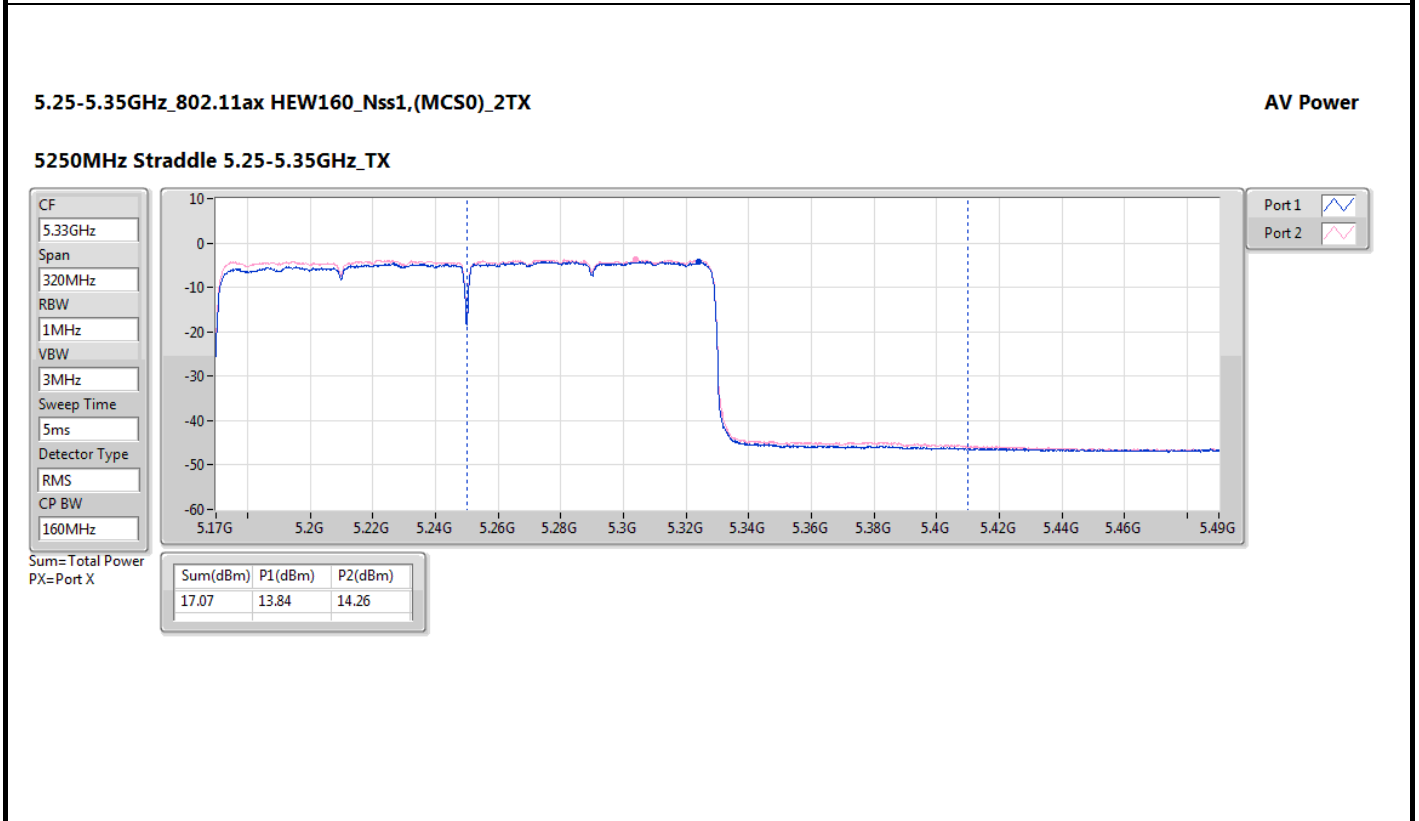
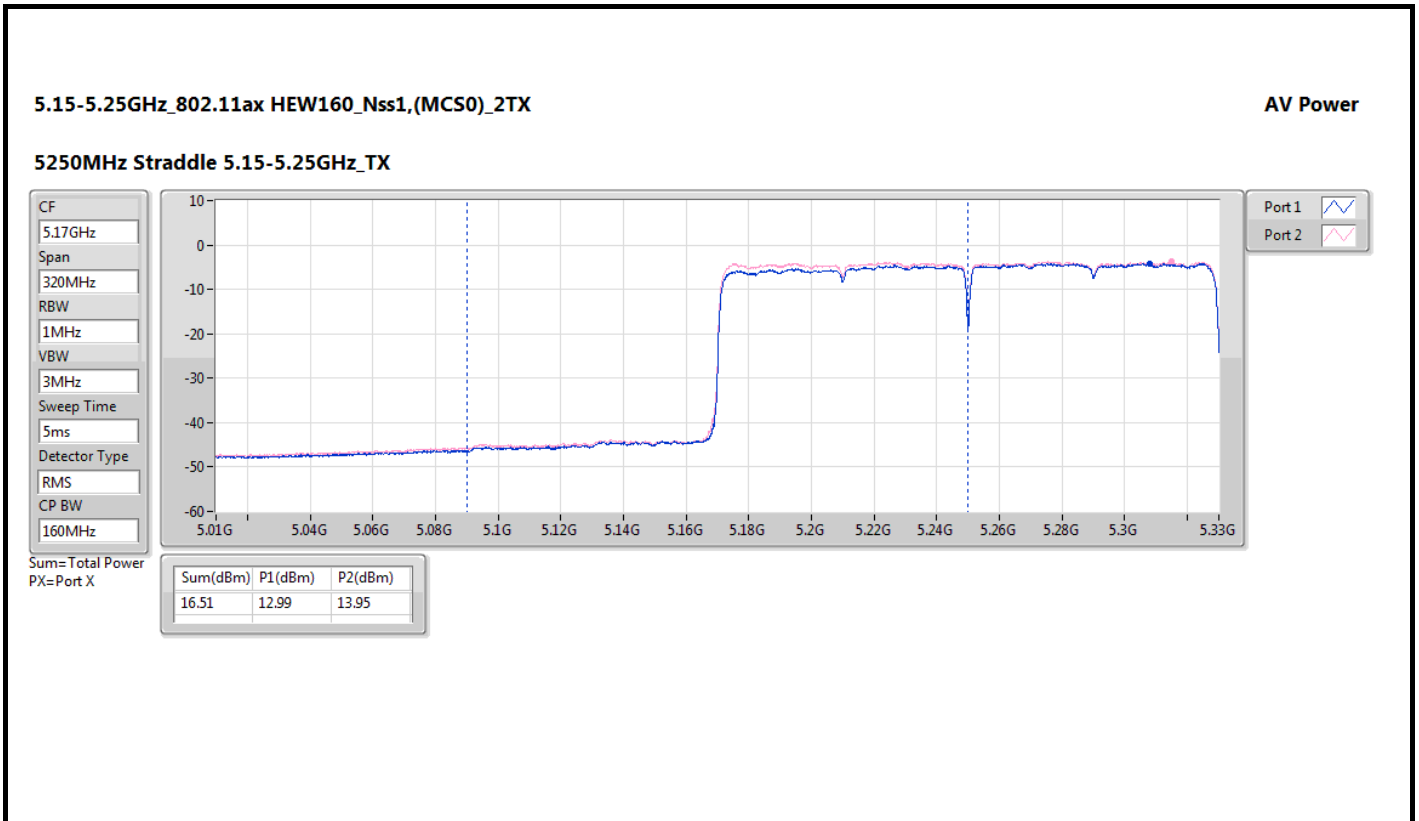
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX









Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	26.87	0.48641	32.19	1.65577
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	25.52	0.35645	30.84	1.21339
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	19.95	0.09886	25.27	0.33651
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	14.09	0.02564	19.41	0.08730
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	23.75	0.23714	29.07	0.80724
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	23.49	0.22336	28.81	0.76033
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	20.08	0.10186	25.40	0.34674
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	14.64	0.02911	19.96	0.09908
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	23.55	0.22646	28.81	0.76033
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	23.64	0.23121	28.90	0.77625
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	23.55	0.22646	28.81	0.76033
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	18.34	0.06823	23.60	0.22909
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	28.29	0.67453	33.40	2.18776
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	28.28	0.67298	33.39	2.18273
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	25.46	0.35156	30.57	1.14025



Conducted Output Power(Average)

Appendix B.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	5.32	20.46	20.02	23.26	30.00	28.58	36.00
5200MHz	Pass	5.32	23.51	22.78	26.17	30.00	31.49	36.00
5240MHz	Pass	5.32	24.12	23.58	26.87	30.00	32.19	36.00
5260MHz	Pass	5.32	20.79	20.56	23.69	24.00	29.01	30.00
5300MHz	Pass	5.32	20.9	20.58	23.75	24.00	29.07	30.00
5320MHz	Pass	5.32	20.57	20.23	23.41	24.00	28.73	30.00
5500MHz	Pass	5.26	20.77	20.28	23.54	24.00	28.80	30.00
5580MHz	Pass	5.26	20.81	20.25	23.55	24.00	28.81	30.00
5700MHz	Pass	5.26	18.31	18.36	21.35	24.00	26.61	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	19.68	19.77	22.74	22.98	28.00	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.11	14.36	13.94	17.17	30.00	22.28	36.00
5745MHz	Pass	5.11	24.84	25.67	28.29	30.00	33.40	36.00
5785MHz	Pass	5.11	25.02	25.49	28.27	30.00	33.38	36.00
5825MHz	Pass	5.11	25.14	25.41	28.29	30.00	33.40	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	5.32	18.12	18.05	21.10	30.00	26.42	36.00
5230MHz	Pass	5.32	22.58	22.44	25.52	30.00	30.84	36.00
5270MHz	Pass	5.32	20.51	20.45	23.49	24.00	28.81	30.00
5310MHz	Pass	5.32	16.58	16.37	19.49	24.00	24.81	30.00
5510MHz	Pass	5.26	19.03	18.57	21.82	24.00	27.08	30.00
5590MHz	Pass	5.26	20.84	20.41	23.64	24.00	28.90	30.00
5670MHz	Pass	5.26	20.26	20.15	23.22	24.00	28.48	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	20.32	20.3	23.32	24.00	28.58	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.11	10.2	9.78	13.01	30.00	18.12	36.00
5755MHz	Pass	5.11	24.76	25.65	28.24	30.00	33.35	36.00
5795MHz	Pass	5.11	24.89	25.62	28.28	30.00	33.39	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	5.32	17.02	16.85	19.95	30.00	25.27	36.00
5290MHz	Pass	5.32	17.13	17.01	20.08	24.00	25.40	30.00
5530MHz	Pass	5.26	19.55	19.12	22.35	24.00	27.61	30.00
5610MHz	Pass	5.26	20.37	20.05	23.22	24.00	28.48	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	20.47	20.61	23.55	24.00	28.81	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.11	6.52	6.17	9.36	30.00	14.47	36.00
5775MHz	Pass	5.11	22.15	22.73	25.46	30.00	30.57	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.32	11	11.15	14.09	30.00	19.41	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.32	11.89	11.36	14.64	24.00	19.96	30.00
5570MHz	Pass	5.26	15.53	15.12	18.34	24.00	23.60	30.00

DG = Directional Gain; Port X = Port X output power



Note:

For 5180~5240MHz

$$\text{Directional gain} = 10 \times \log\left(\frac{10^{2/20} + 10^{2.6/20}}{2}\right) = 5.32 \text{ dBi}$$

For 5260~5320MHz

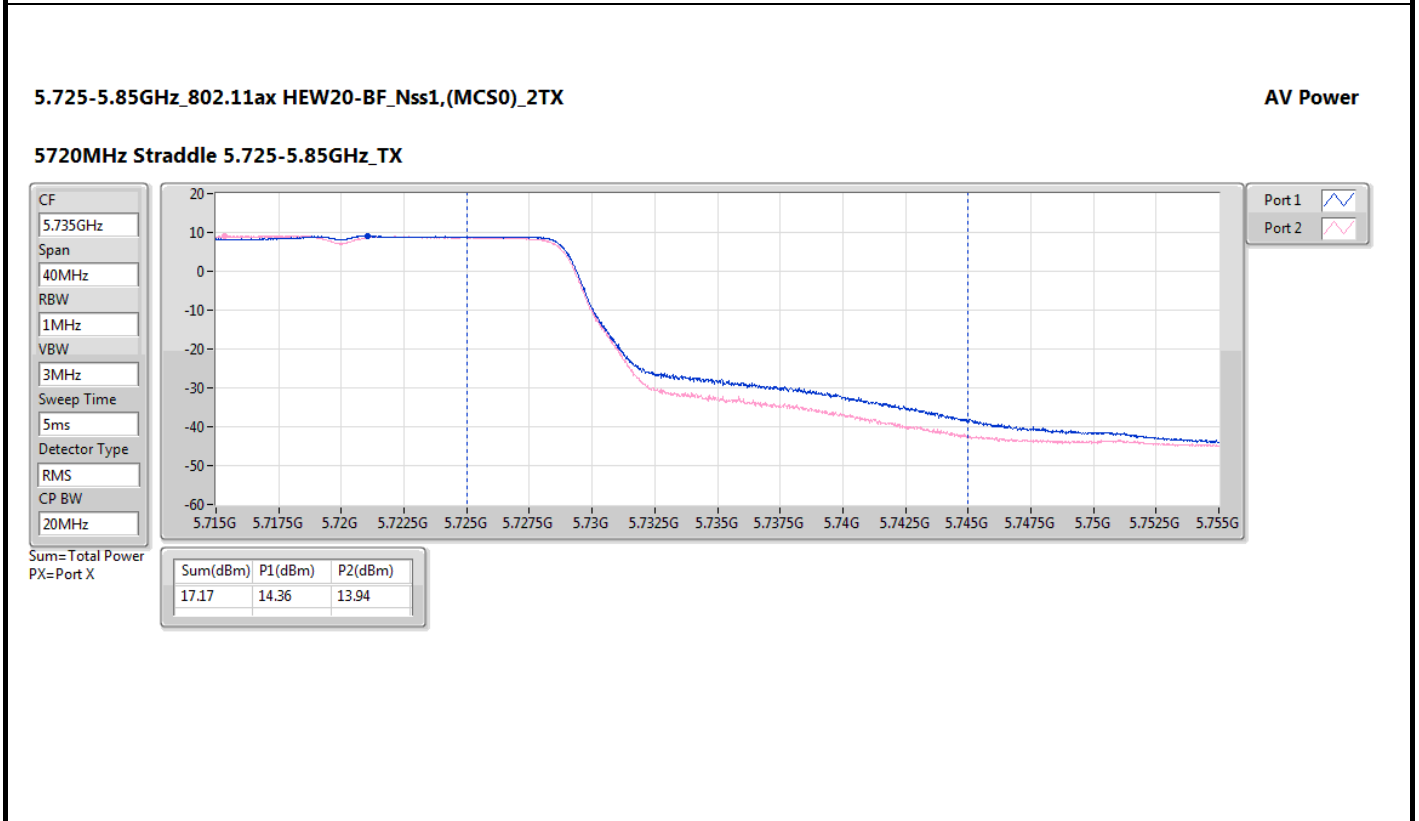
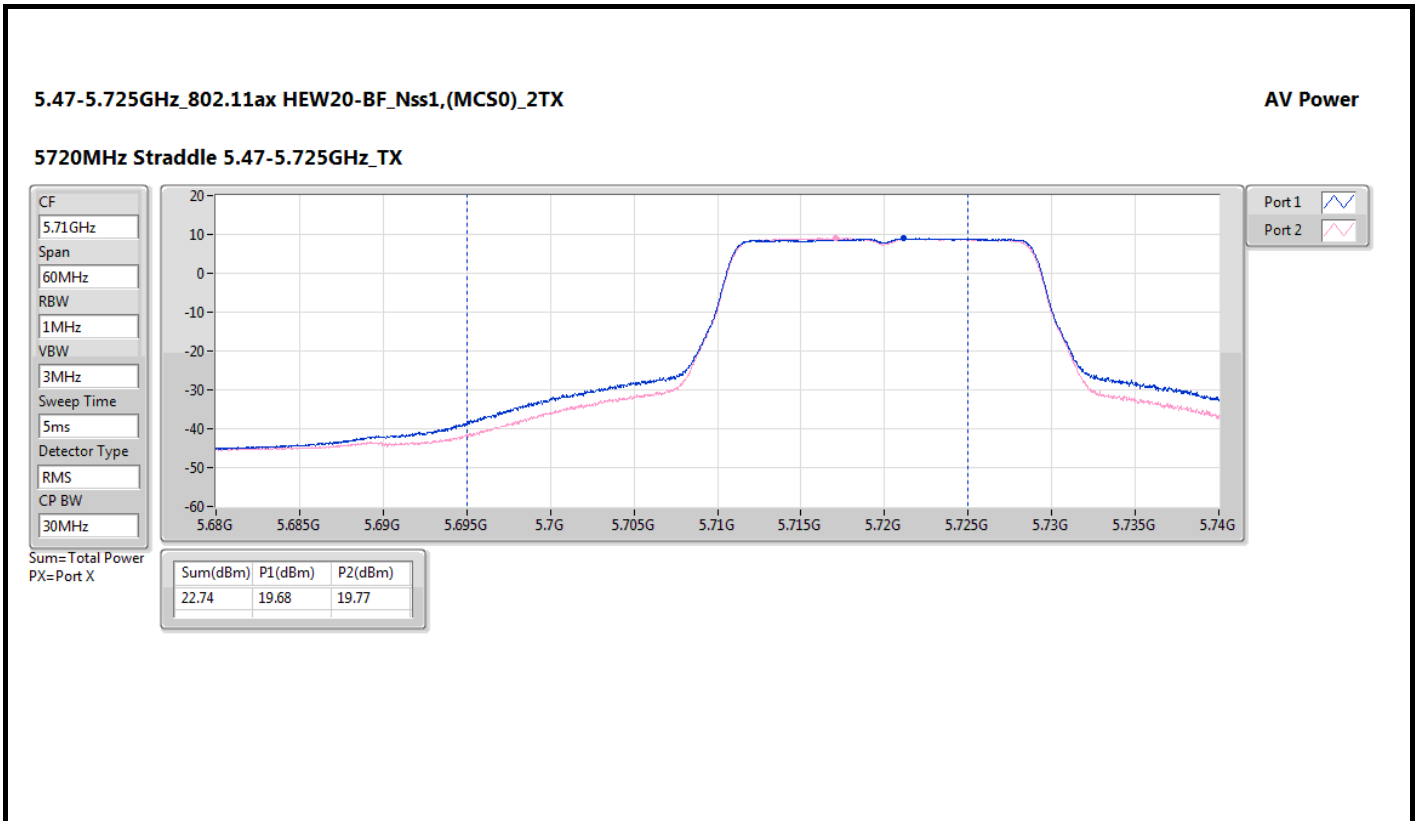
$$\text{Directional gain} = 10 \times \log\left(\frac{10^{2/20} + 10^{2.6/20}}{2}\right) = 5.32 \text{ dBi}$$

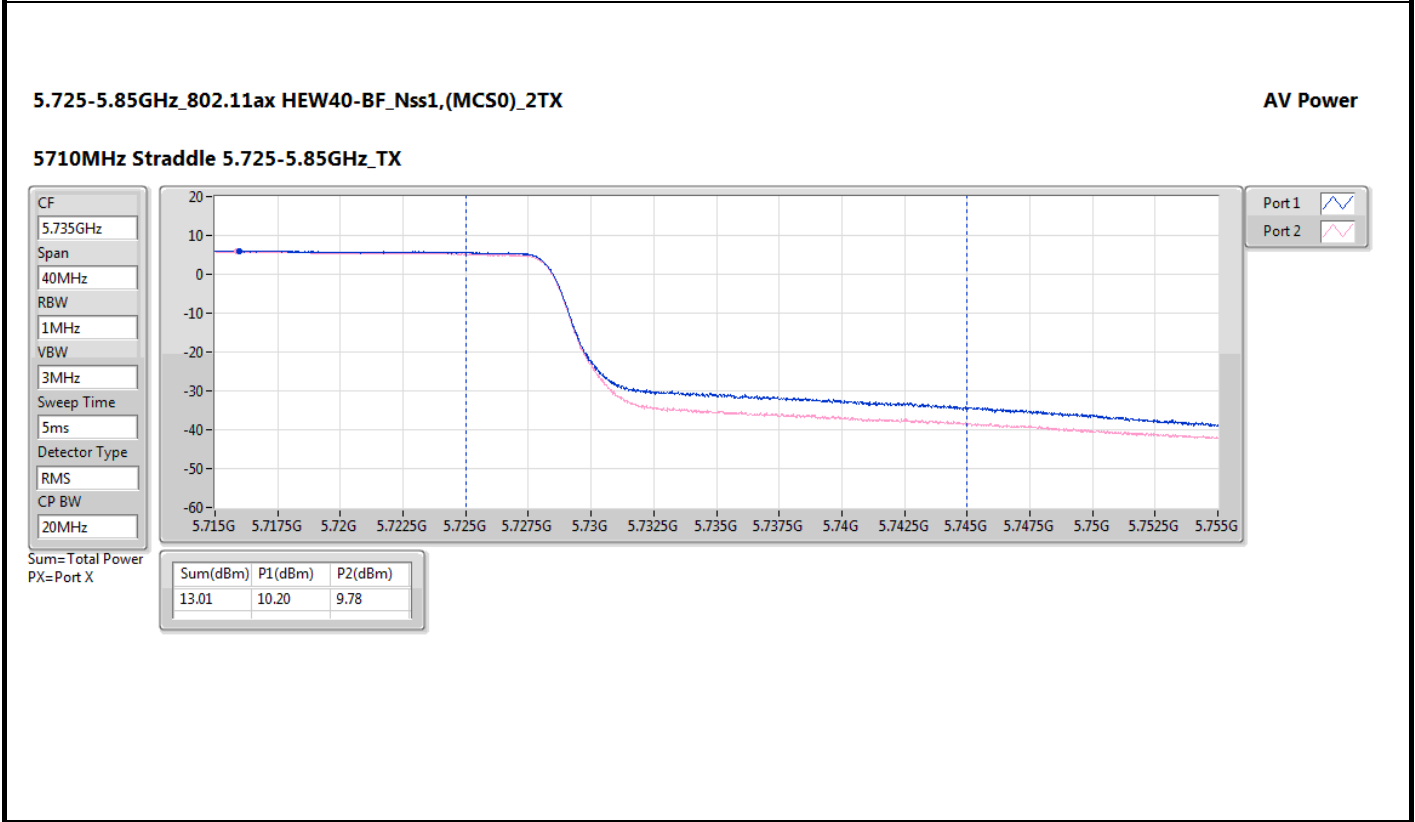
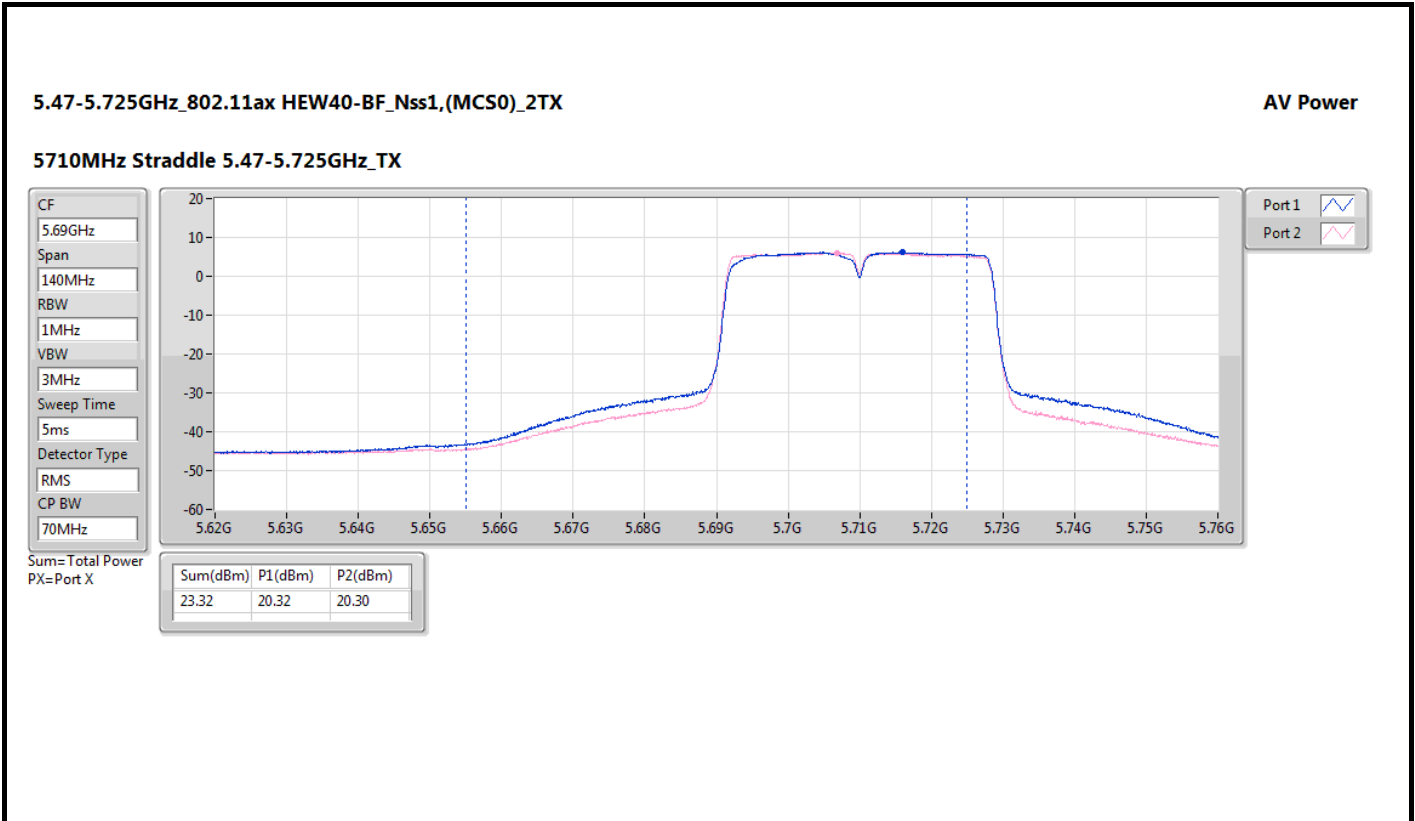
For 5500~5750MHz:

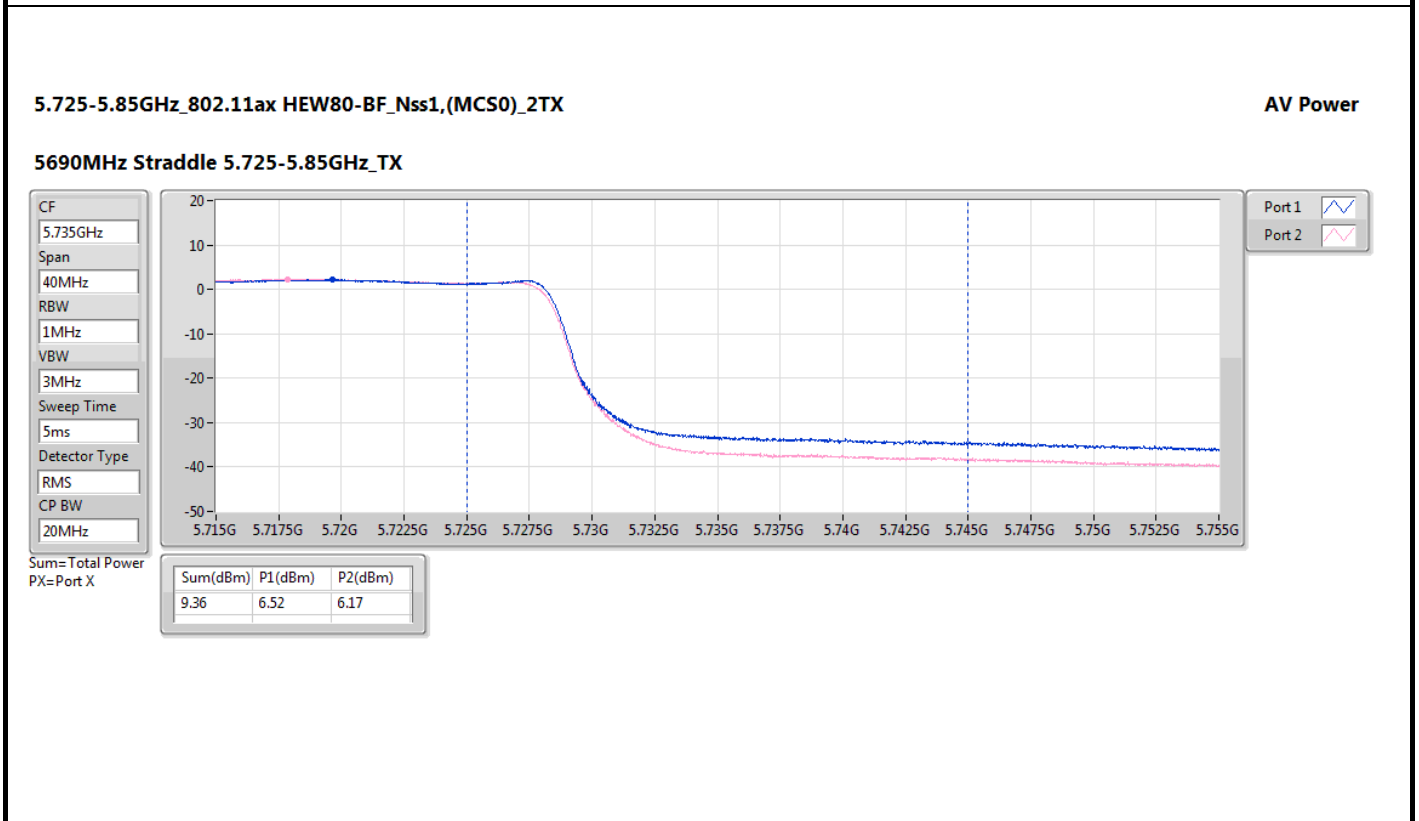
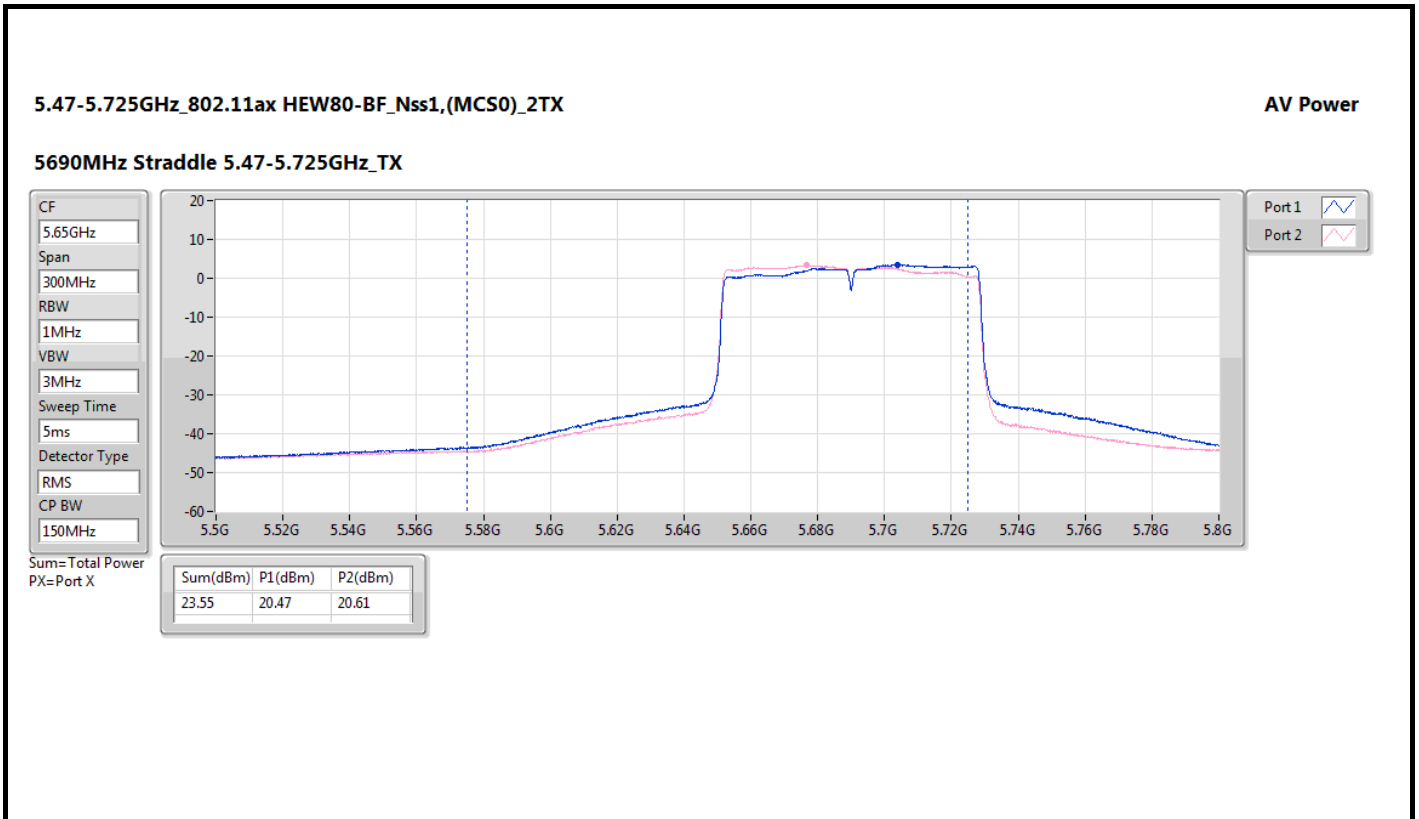
$$\text{Directional gain} = 10 \times \log\left(\frac{10^{2.3/20} + 10^{2.2/20}}{2}\right) = 5.26 \text{ dBi}$$

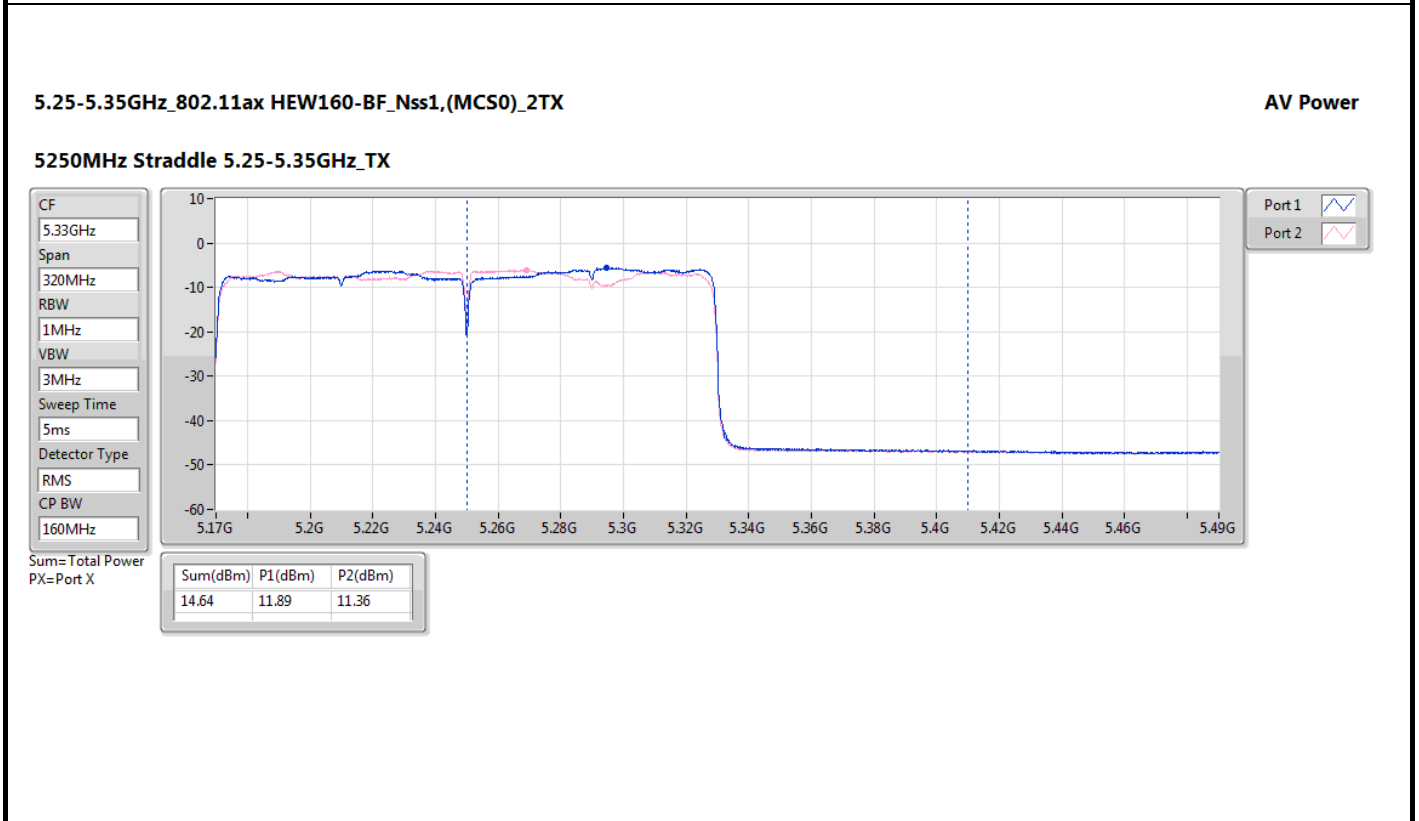
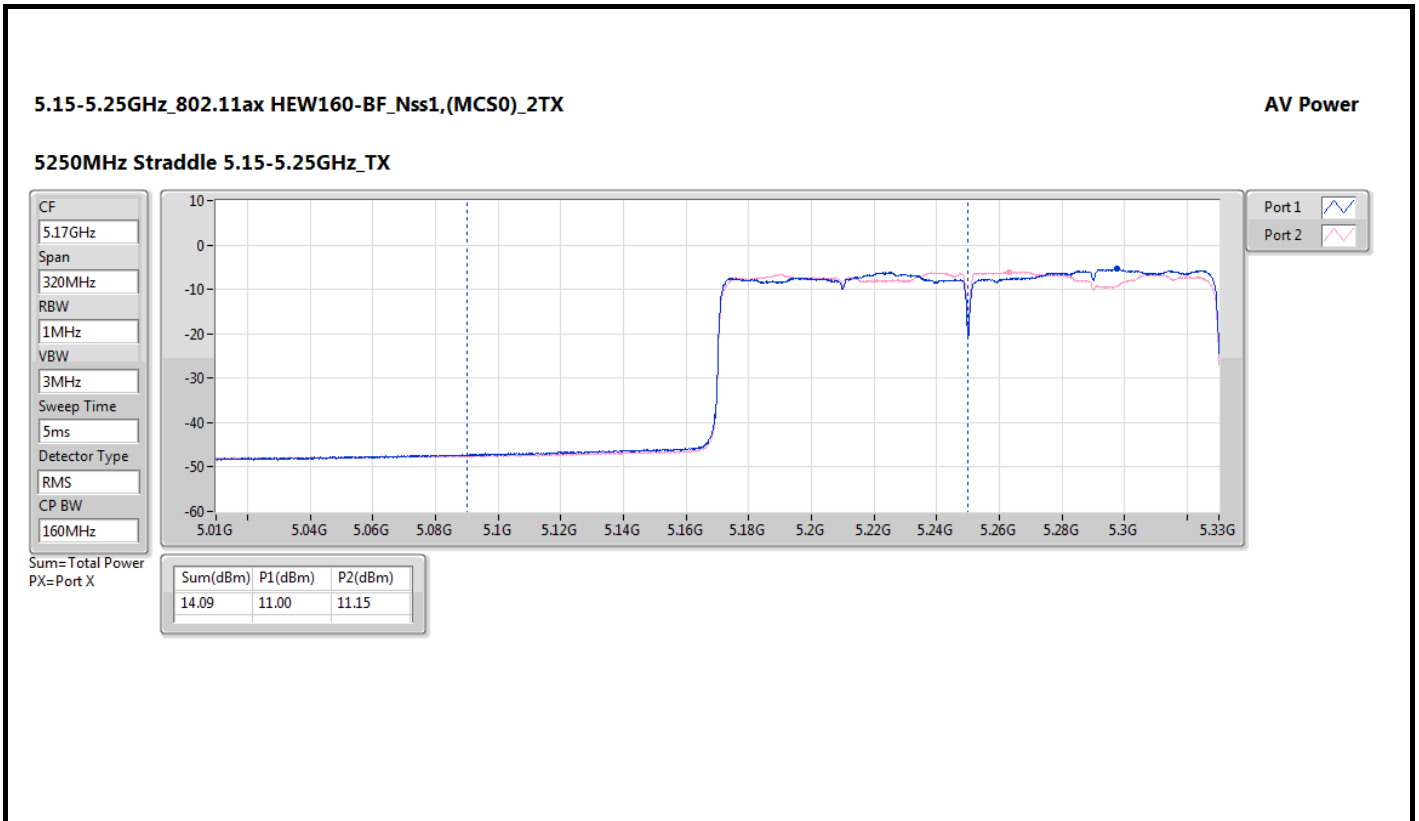
For 5745~5825MHz:

$$\text{Directional gain} = 2.1 + 10 \times \log(2/1) = 5.11 \text{ dBi}$$











Non-beamforming mode

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.69	20.01
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	13.89	19.21
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	9.86	15.18
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	2.30	7.62
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	-2.68	2.64
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.75	16.07
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	10.79	16.11
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	7.33	12.65
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	1.86	7.18
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	-2.37	2.95
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.74	16.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	10.61	15.87
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	7.49	12.75
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	4.67	9.93
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	-0.89	4.37
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.56	19.67
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	14.04	19.15
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	11.15	16.26
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	6.35	11.46

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.32	8.15	8.68	11.41	17.00	16.73	23.00
5200MHz	Pass	5.32	11.65	11.84	14.69	17.00	20.01	23.00
5240MHz	Pass	5.32	11.64	11.66	14.58	17.00	19.90	23.00
5260MHz	Pass	5.32	7.66	7.60	10.63	11.00	15.95	17.00
5300MHz	Pass	5.32	7.70	7.99	10.68	11.00	16.00	17.00
5320MHz	Pass	5.32	7.79	7.97	10.75	11.00	16.07	17.00
5500MHz	Pass	5.26	7.70	7.90	10.74	11.00	16.00	17.00
5580MHz	Pass	5.26	7.52	7.81	10.60	11.00	15.86	17.00
5700MHz	Pass	5.26	5.66	6.78	9.15	11.00	14.41	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	7.25	7.96	10.56	11.00	15.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.11	5.44	6.24	8.79	30.00	13.90	36.00
5745MHz	Pass	5.11	10.78	12.01	14.32	30.00	19.43	36.00
5785MHz	Pass	5.11	10.80	12.12	14.34	30.00	19.45	36.00
5825MHz	Pass	5.11	11.15	12.06	14.56	30.00	19.67	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	5.32	7.41	8.05	10.66	17.00	15.98	23.00
5200MHz	Pass	5.32	10.85	10.91	13.77	17.00	19.09	23.00
5240MHz	Pass	5.32	10.95	11.01	13.89	17.00	19.21	23.00
5260MHz	Pass	5.32	7.48	7.78	10.51	11.00	15.83	17.00
5300MHz	Pass	5.32	7.67	7.91	10.67	11.00	15.99	17.00
5320MHz	Pass	5.32	7.75	8.01	10.79	11.00	16.11	17.00
5500MHz	Pass	5.26	7.71	7.75	10.56	11.00	15.82	17.00
5580MHz	Pass	5.26	7.30	7.75	10.40	11.00	15.66	17.00
5700MHz	Pass	5.26	5.45	6.43	8.86	11.00	14.12	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	7.31	7.92	10.61	11.00	15.87	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.11	5.15	5.89	8.48	30.00	13.59	36.00
5745MHz	Pass	5.11	10.26	11.65	13.91	30.00	19.02	36.00
5785MHz	Pass	5.11	10.55	11.61	14.03	30.00	19.14	36.00
5825MHz	Pass	5.11	10.61	11.46	14.04	30.00	19.15	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	5.32	2.39	3.20	5.79	17.00	11.11	23.00
5230MHz	Pass	5.32	6.84	7.18	9.86	17.00	15.18	23.00
5270MHz	Pass	5.32	4.23	4.64	7.33	11.00	12.65	17.00
5310MHz	Pass	5.32	3.11	3.66	6.30	11.00	11.62	17.00
5510MHz	Pass	5.26	3.35	3.80	6.51	11.00	11.77	17.00
5590MHz	Pass	5.26	4.01	4.66	7.21	11.00	12.47	17.00
5670MHz	Pass	5.26	4.08	5.06	7.49	11.00	12.75	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	4.07	4.96	7.42	11.00	12.68	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.11	2.07	2.37	5.19	30.00	10.30	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5755MHz	Pass	5.11	7.43	8.92	11.15	30.00	16.26	36.00
5795MHz	Pass	5.11	7.44	8.70	11.02	30.00	16.13	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	5.32	-0.96	-0.33	2.30	17.00	7.62	23.00
5290MHz	Pass	5.32	-1.28	-0.78	1.86	11.00	7.18	17.00
5530MHz	Pass	5.26	0.78	0.92	3.79	11.00	9.05	17.00
5610MHz	Pass	5.26	1.27	1.99	4.61	11.00	9.87	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	1.30	2.18	4.67	11.00	9.93	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.11	-1.59	-0.66	1.80	30.00	6.91	36.00
5775MHz	Pass	5.11	2.82	4.13	6.35	30.00	11.46	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.32	-5.86	-5.31	-2.68	17.00	2.64	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.32	-5.44	-5.12	-2.37	11.00	2.95	17.00
5570MHz	Pass	5.26	-3.96	-3.65	-0.89	11.00	4.37	17.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Note:

For 5180-5240MHz

$$\text{Directional gain} = 10 \times \log\left(\frac{10^{2/20} + 10^{2.6/20}}{2}\right) = 5.32 \text{ dBi}$$

For 5260-5320MHz

$$\text{Directional gain} = 10 \times \log\left(\frac{10^{2/20} + 10^{2.6/20}}{2}\right) = 5.32 \text{ dBi}$$

For 5500-5750MHz:

$$\text{Directional gain} = 10 \times \log\left(\frac{10^{2.3/20} + 10^{2.2/20}}{2}\right) = 5.26 \text{ dBi}$$

For 5745-5825MHz:

$$\text{Directional gain} = 2.1 + 10 \times \log(2/1) = 5.11 \text{ dBi}$$

