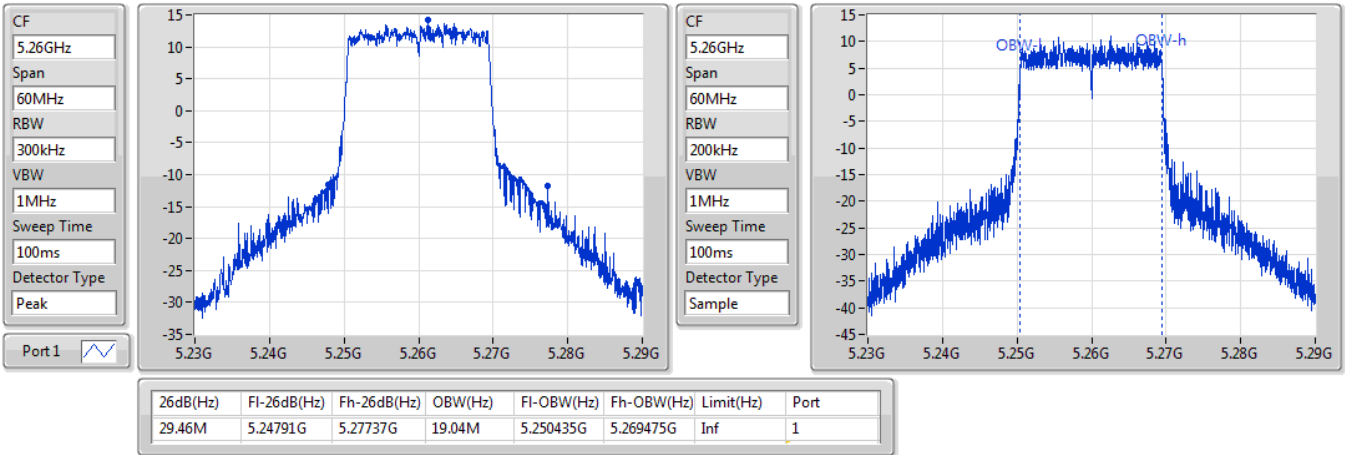


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

07/11/2019

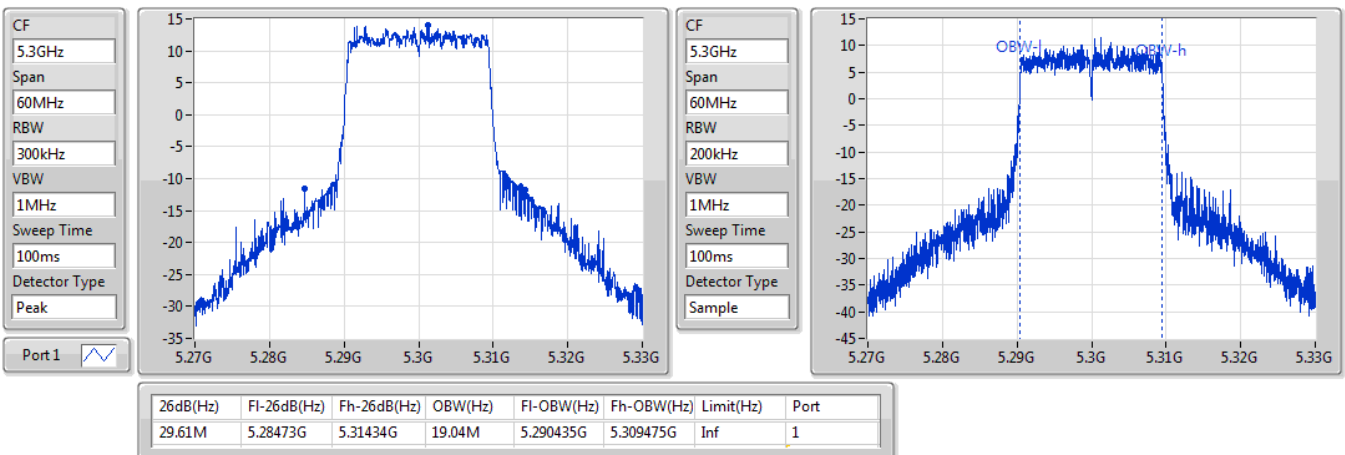


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

07/11/2019

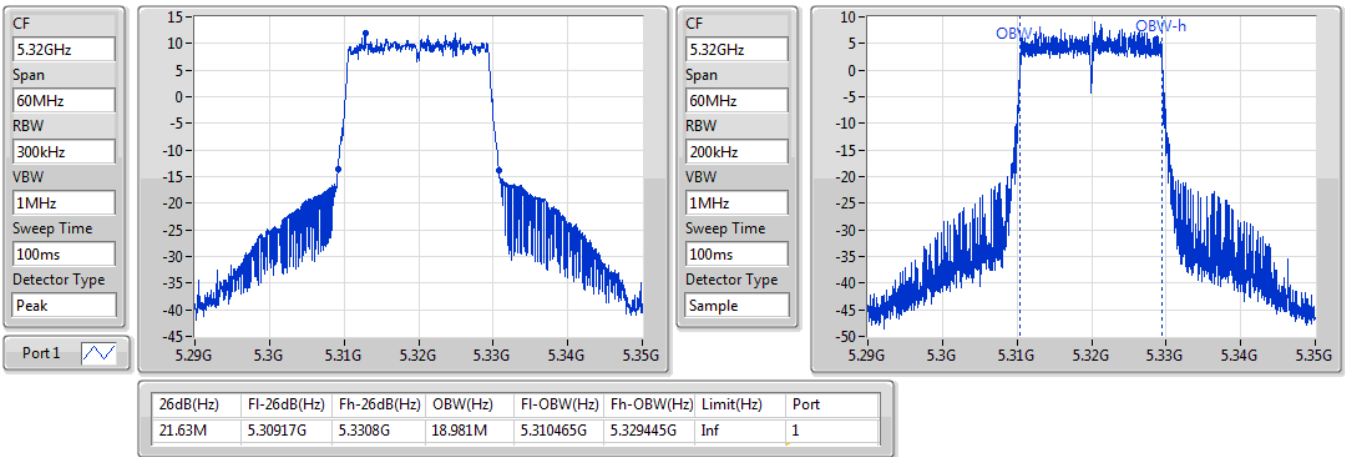


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

07/11/2019

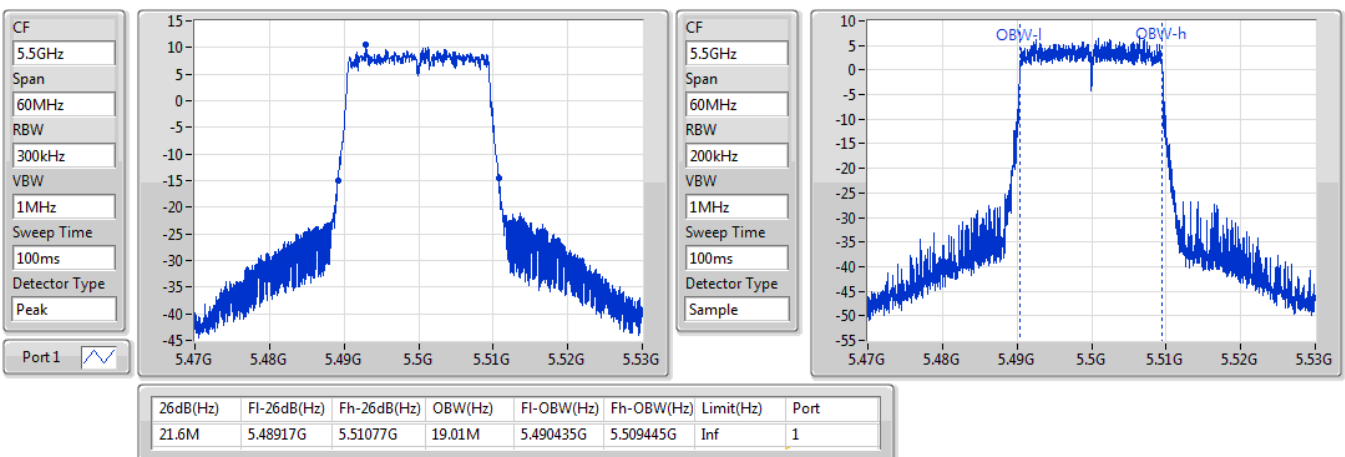


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

07/11/2019

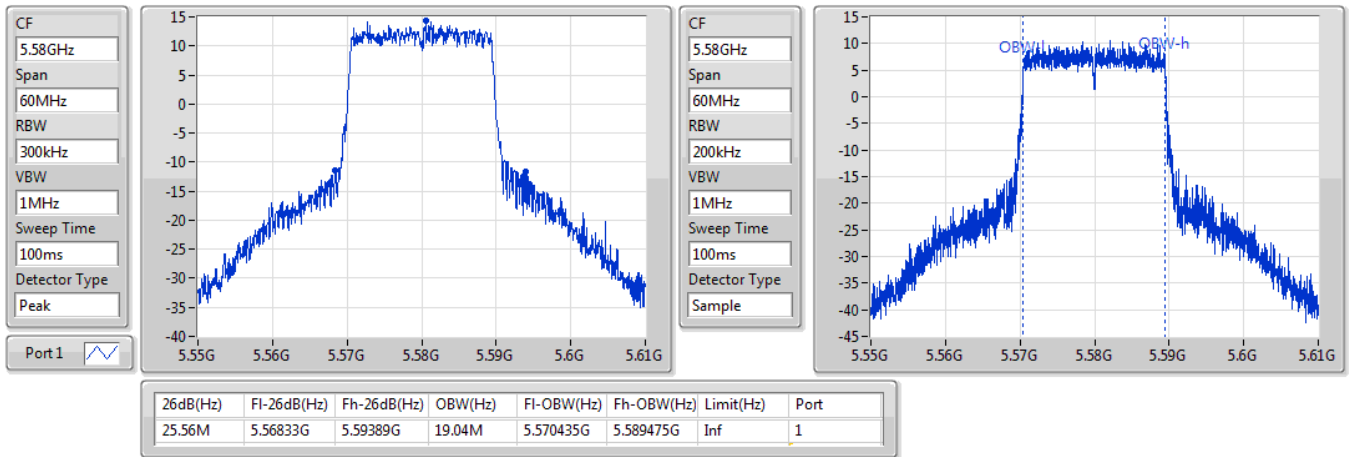


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

07/11/2019

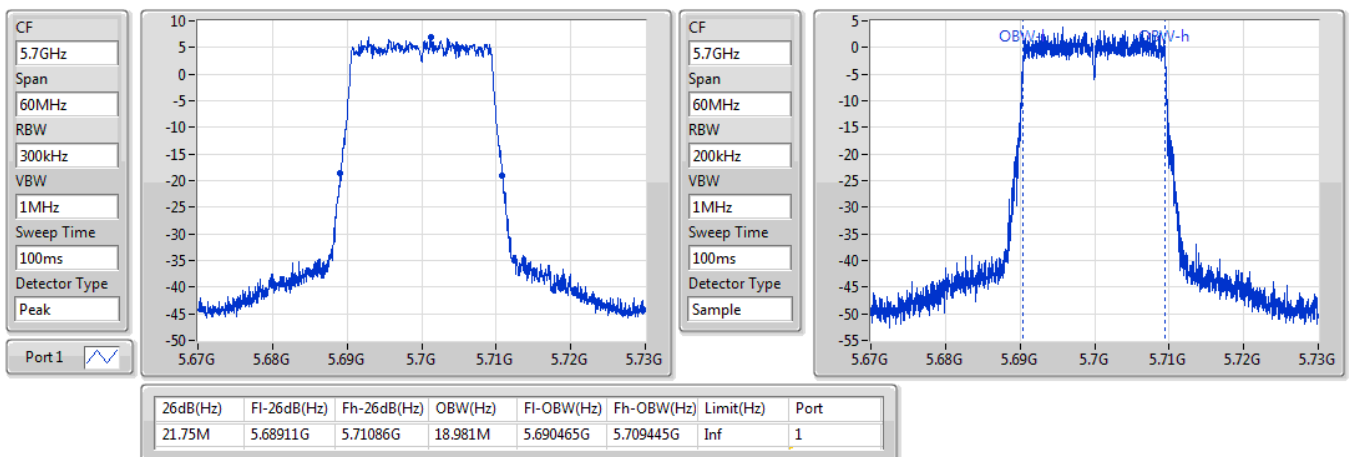


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

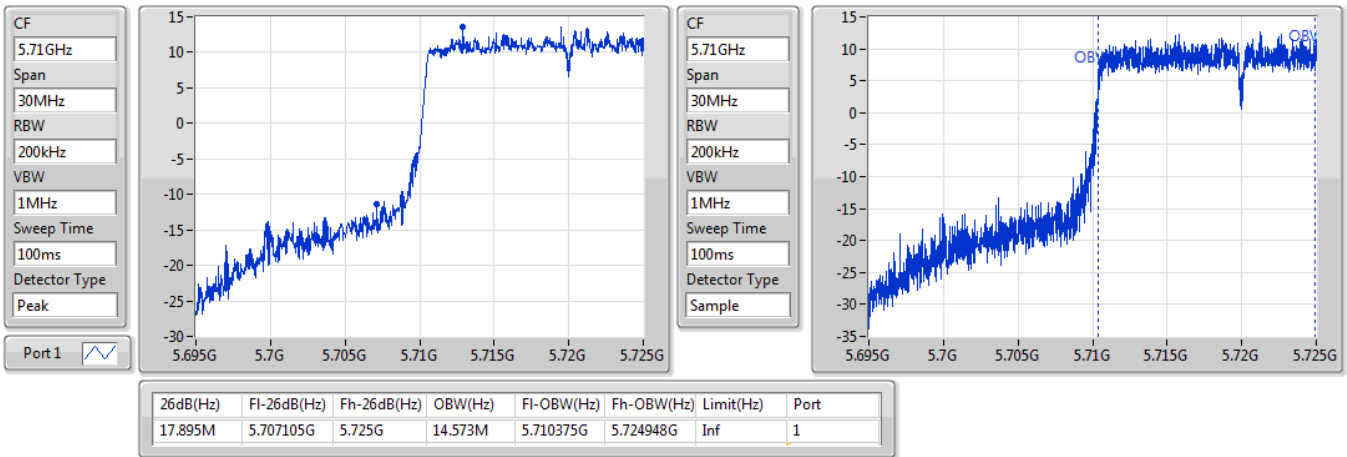
5700MHz

07/11/2019

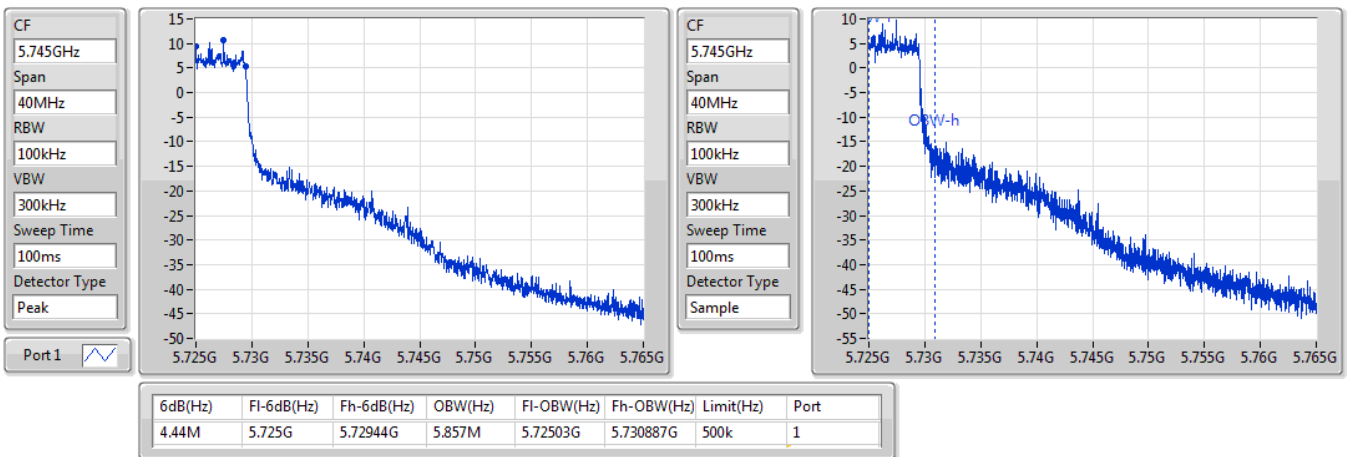


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/11/2019


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

13/11/2019

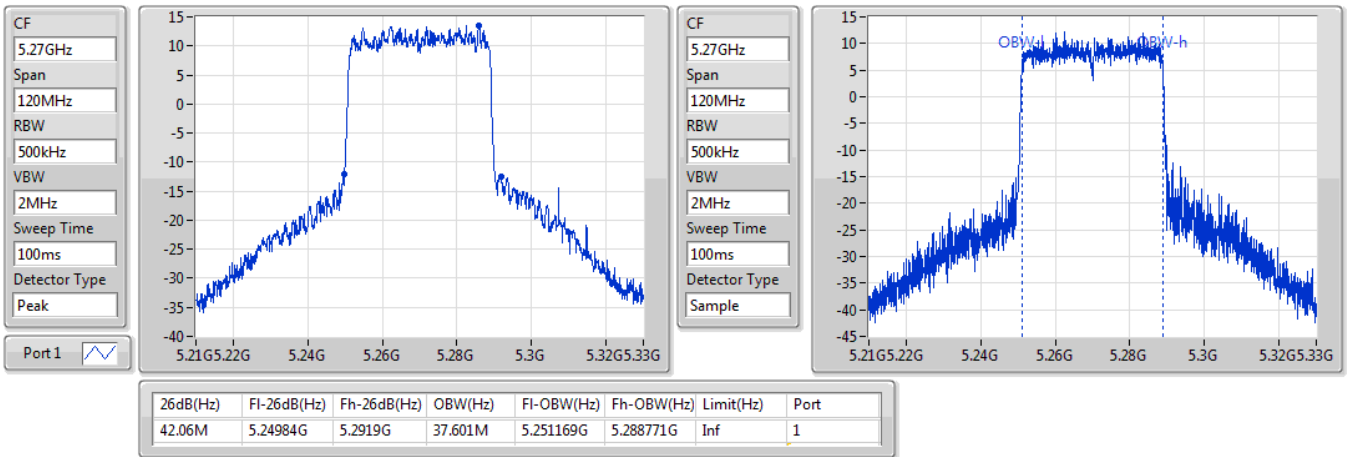


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

13/11/2019

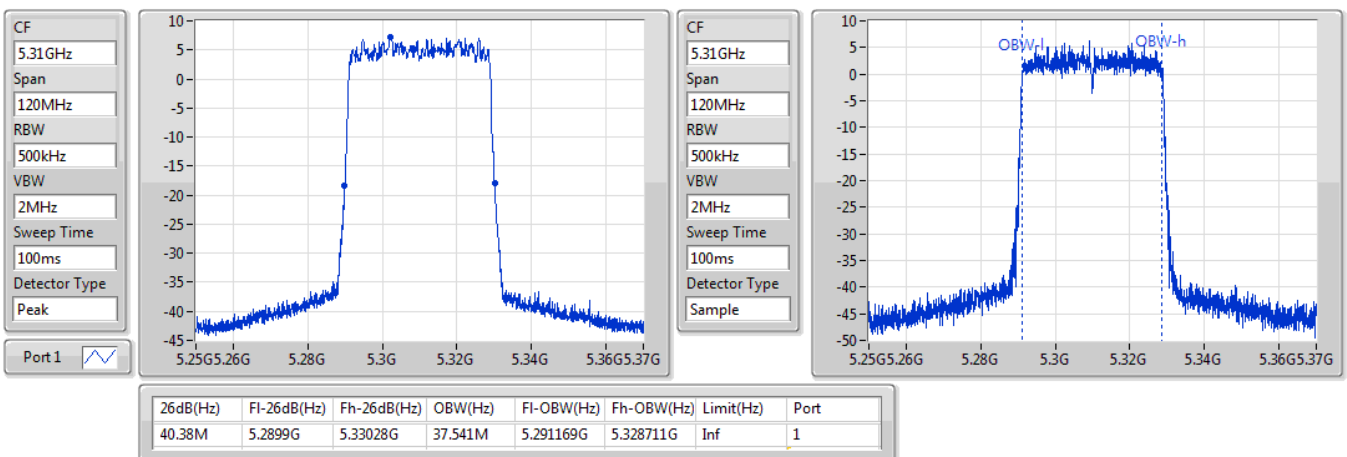


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

07/11/2019

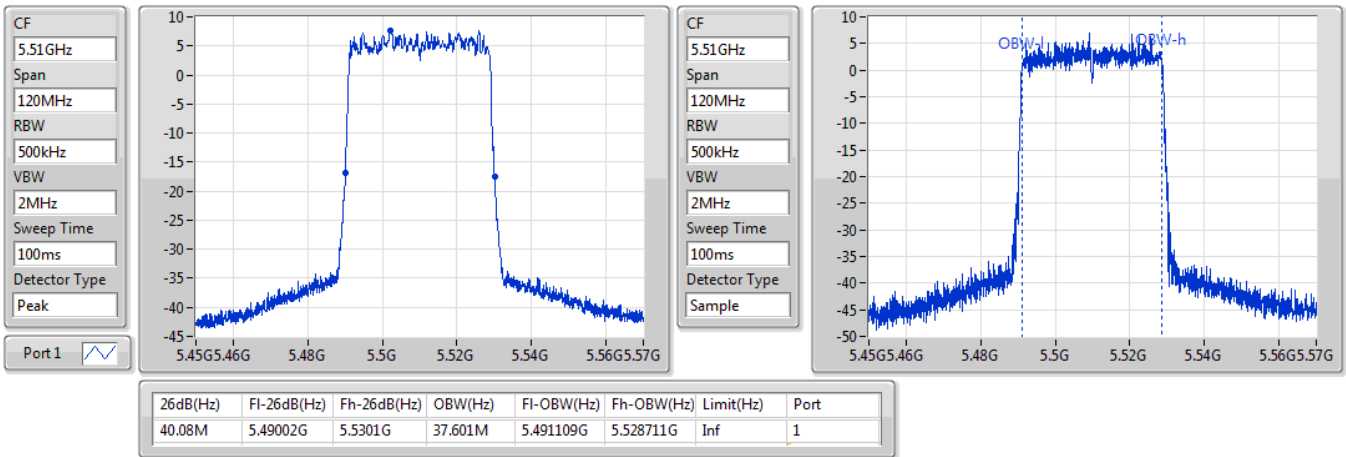


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

07/11/2019

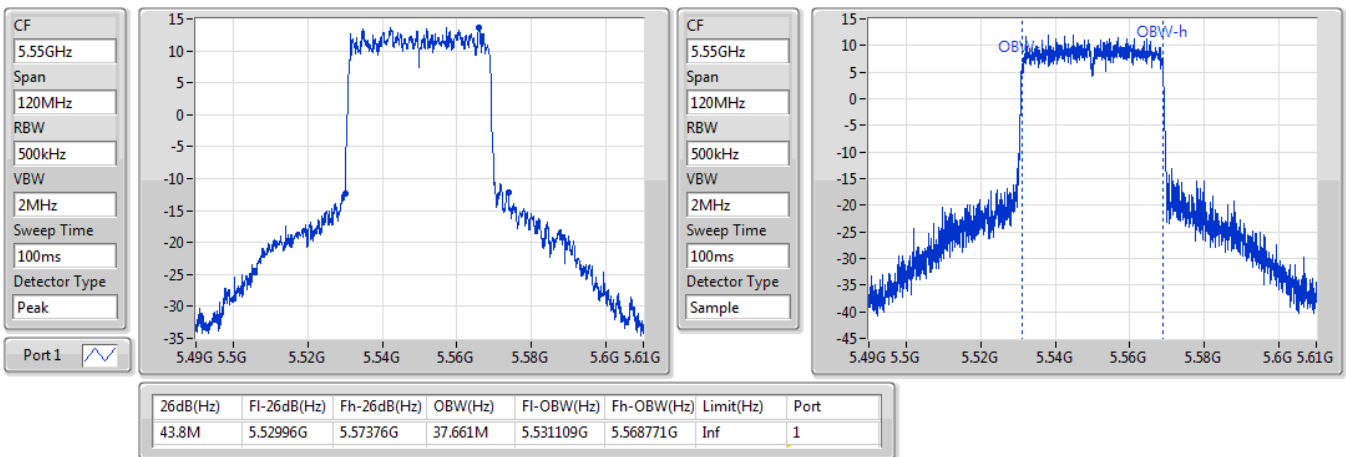


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

07/11/2019

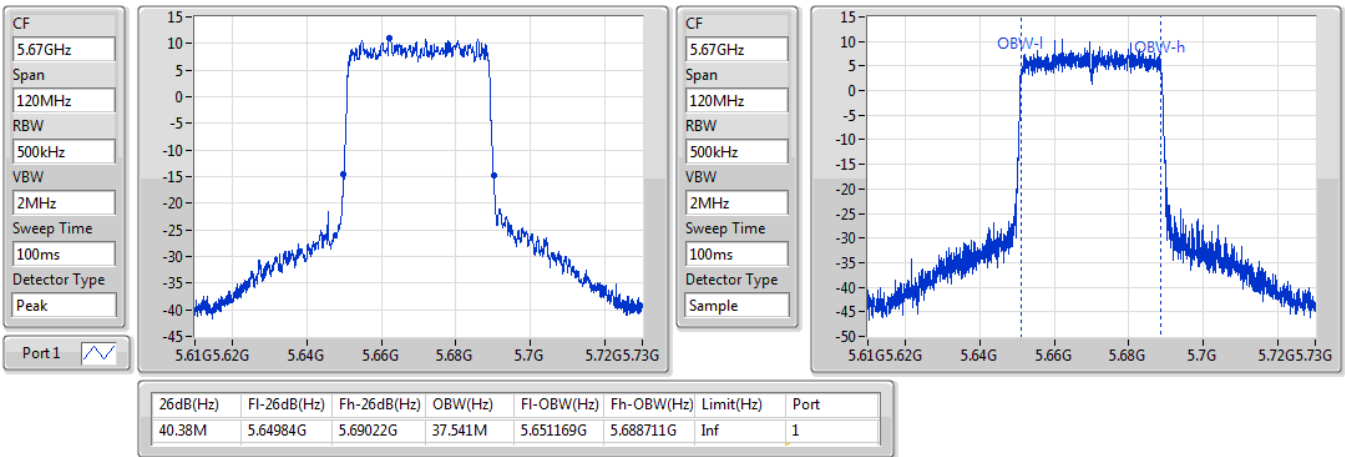


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

07/11/2019

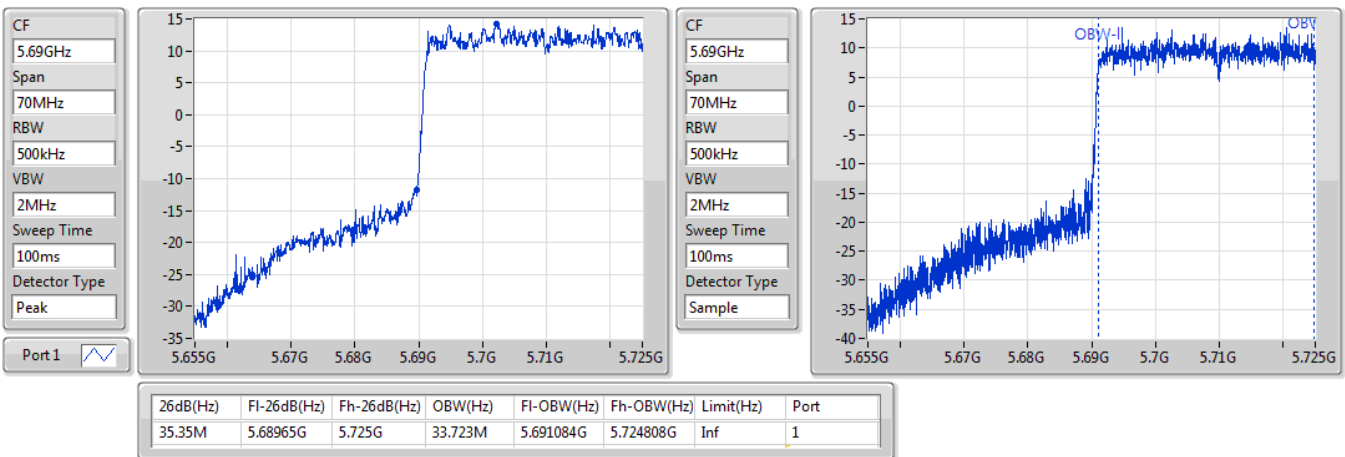


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

13/11/2019

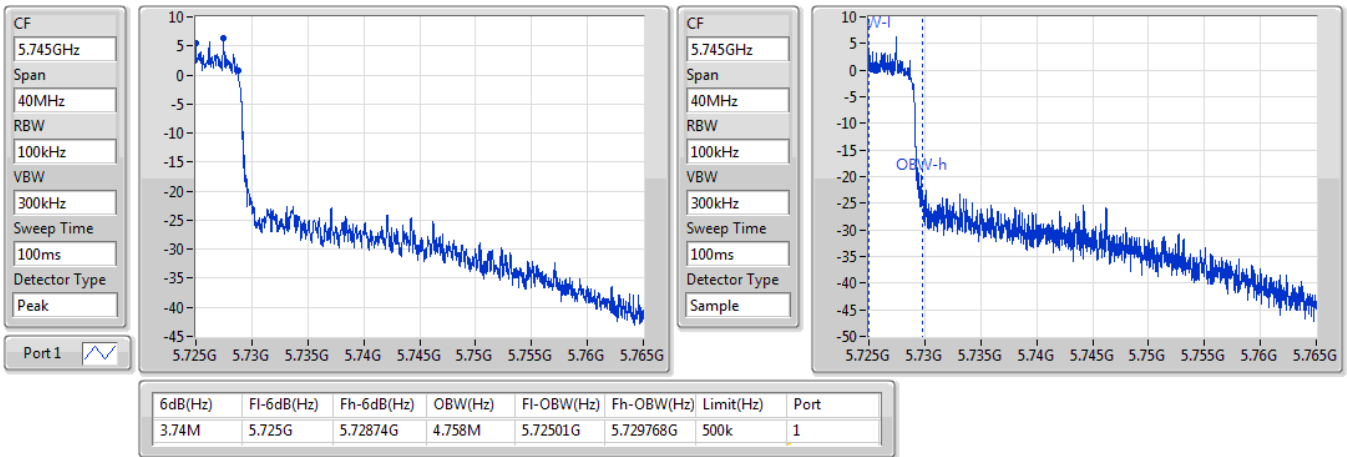


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/11/2019

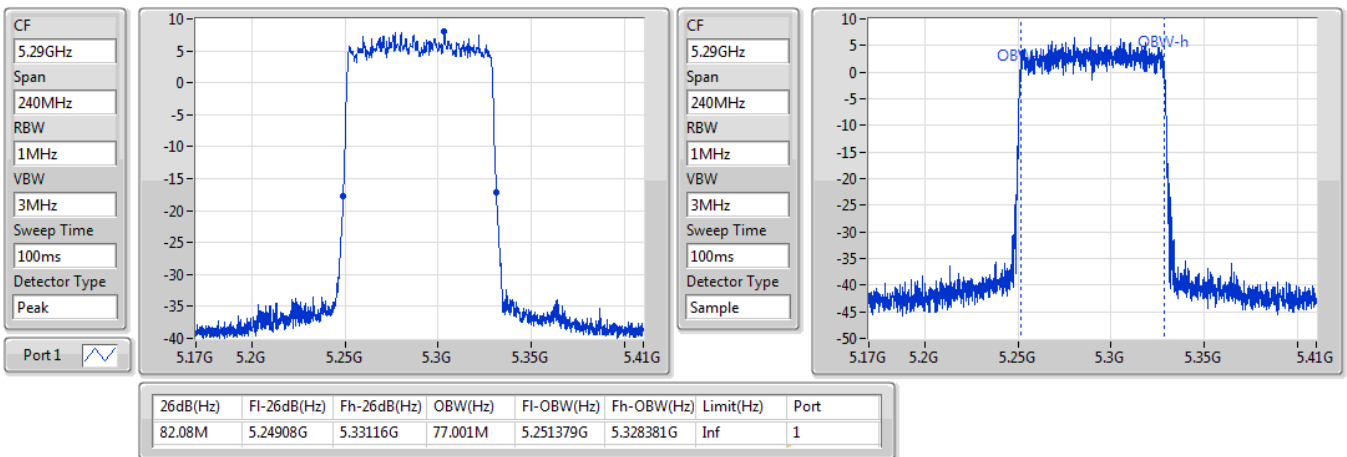


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

07/11/2019

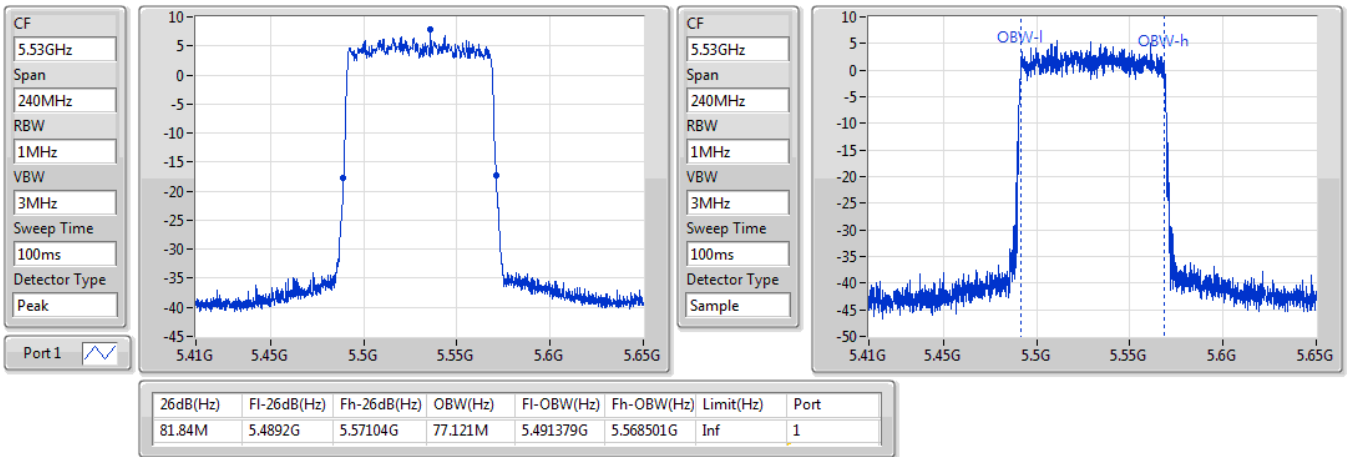


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5530MHz

07/11/2019

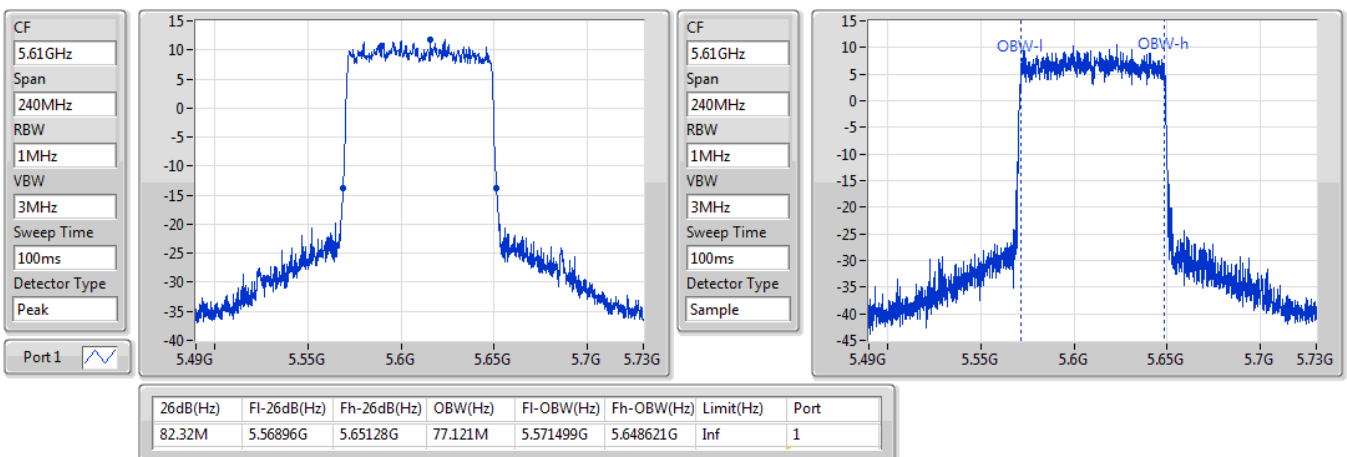


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

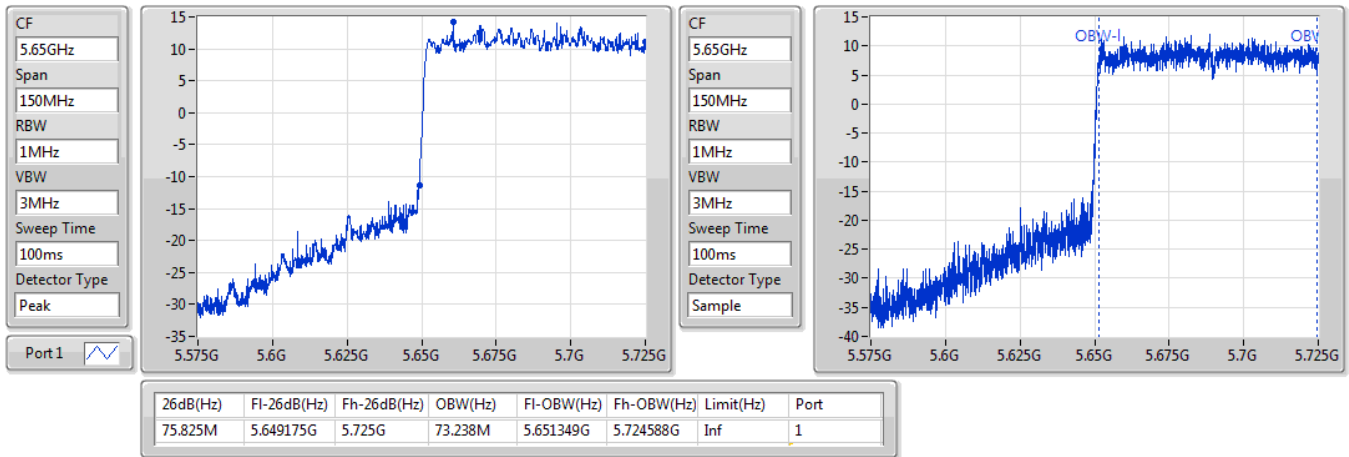
5610MHz

07/11/2019

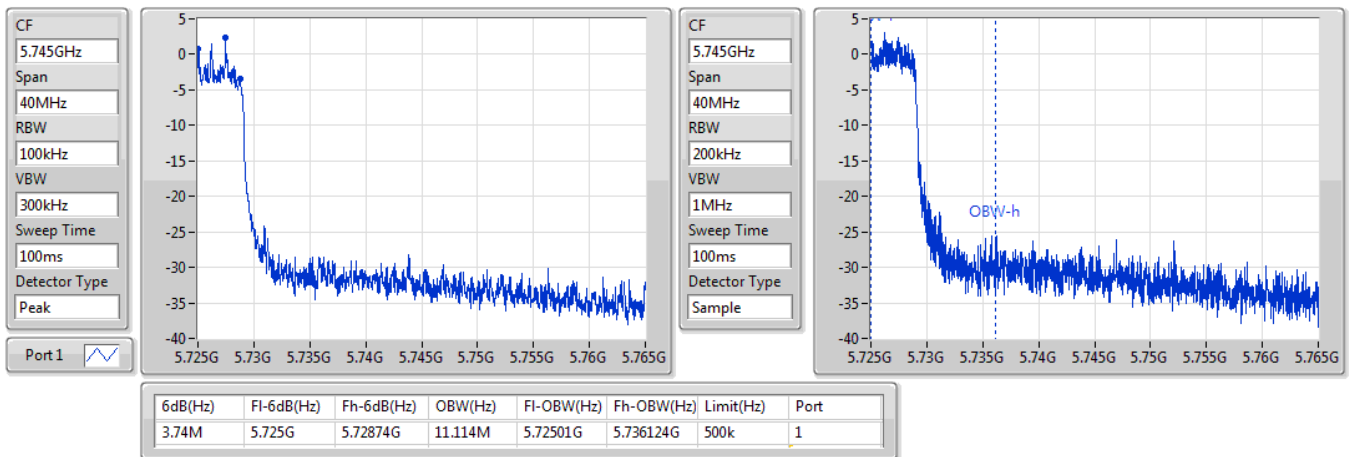


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

07/11/2019


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

07/11/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.57M	16.642M	16M6D1D	21.3M	16.612M
802.11ac VHT20_Nss2,(MCS0)_2TX	21.93M	17.781M	17M8D1D	21.57M	17.721M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.26M	36.282M	36M3D1D	40.02M	36.222M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.72M	75.802M	75M8D1D	81.72M	75.682M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.84M	19.01M	19M0D1D	21.45M	18.951M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.26M	37.661M	37M7D1D	40.08M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.6M	77.001M	77M0D1D	81.36M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.57M	16.612M	16M6D1D	15.555M	13.328M
802.11ac VHT20_Nss2,(MCS0)_2TX	21.96M	17.841M	17M8D1D	15.795M	13.928M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.26M	36.342M	36M3D1D	35.035M	33.058M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.84M	75.802M	75M8D1D	75.825M	72.414M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.93M	19.01M	19M0D1D	15.645M	14.498M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.14M	37.601M	37M6D1D	35.035M	33.653M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	77.121M	77M1D1D	75.3M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.14M	3.938M	3M94D1D	3.14M	3.918M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.76M	4.298M	4M30D1D	3.74M	4.298M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.14M	3.638M	3M64D1D	3.14M	3.518M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.12M	3.758M	3M76D1D	3.12M	3.678M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.46M	4.558M	4M56D1D	4.46M	4.538M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.76M	4.038M	4M04D1D	3.74M	4.018M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.78M	4.078M	4M08D1D	3.72M	4.058M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.51M	16.612M	21.39M	16.612M
5300MHz_TnomVnom	Pass	Inf	21.57M	16.612M	21.36M	16.612M
5320MHz_TnomVnom	Pass	Inf	21.48M	16.642M	21.3M	16.612M
5500MHz_TnomVnom	Pass	Inf	21.57M	16.612M	21.33M	16.612M
5580MHz_TnomVnom	Pass	Inf	21.57M	16.612M	21.33M	16.612M
5700MHz_TnomVnom	Pass	Inf	21.51M	16.612M	21.42M	16.612M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.585M	13.328M	15.555M	13.373M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	3.938M	3.14M	3.918M
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.87M	17.781M	21.57M	17.751M
5300MHz_TnomVnom	Pass	Inf	21.9M	17.781M	21.66M	17.721M
5320MHz_TnomVnom	Pass	Inf	21.93M	17.781M	21.72M	17.781M
5500MHz_TnomVnom	Pass	Inf	21.93M	17.841M	21.78M	17.751M
5580MHz_TnomVnom	Pass	Inf	21.93M	17.751M	21.78M	17.811M
5700MHz_TnomVnom	Pass	Inf	21.96M	17.811M	21.69M	17.781M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.795M	13.928M	15.795M	13.928M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.298M	3.76M	4.298M
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.02M	36.222M	40.26M	36.282M
5310MHz_TnomVnom	Pass	Inf	40.02M	36.282M	40.14M	36.282M
5510MHz_TnomVnom	Pass	Inf	39.9M	36.222M	40.08M	36.222M
5550MHz_TnomVnom	Pass	Inf	39.96M	36.222M	39.96M	36.342M
5670MHz_TnomVnom	Pass	Inf	39.9M	36.282M	40.26M	36.342M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.035M	33.058M	35.245M	33.093M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	3.518M	3.14M	3.638M
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	81.72M	75.802M	81.72M	75.682M
5530MHz_TnomVnom	Pass	Inf	81.6M	75.802M	81.6M	75.562M
5610MHz_TnomVnom	Pass	Inf	81.84M	75.802M	81.72M	75.802M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.825M	72.414M	75.975M	72.414M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	3.758M	3.12M	3.678M
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.84M	18.981M	21.48M	18.951M
5300MHz_TnomVnom	Pass	Inf	21.78M	19.01M	21.45M	19.01M
5320MHz_TnomVnom	Pass	Inf	21.81M	19.01M	21.45M	18.981M
5500MHz_TnomVnom	Pass	Inf	21.93M	19.01M	21.51M	19.01M
5580MHz_TnomVnom	Pass	Inf	21.93M	18.981M	21.57M	19.01M
5700MHz_TnomVnom	Pass	Inf	21.87M	18.981M	21.57M	19.01M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.885M	14.528M	15.645M	14.498M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.46M	4.538M	4.46M	4.558M
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.08M	37.661M	40.26M	37.481M
5310MHz_TnomVnom	Pass	Inf	40.26M	37.601M	40.14M	37.541M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5510MHz_TnomVnom	Pass	Inf	40.08M	37.601M	39.96M	37.481M
5550MHz_TnomVnom	Pass	Inf	40.08M	37.601M	40.14M	37.541M
5670MHz_TnomVnom	Pass	Inf	40.02M	37.601M	40.08M	37.481M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.035M	33.688M	35.525M	33.653M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.038M	3.76M	4.018M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	81.36M	76.882M	81.6M	77.001M
5530MHz_TnomVnom	Pass	Inf	81.36M	76.882M	81.48M	77.121M
5610MHz_TnomVnom	Pass	Inf	81.48M	77.001M	81.48M	76.882M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.3M	73.163M	76.05M	73.163M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.78M	4.078M	3.72M	4.058M

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

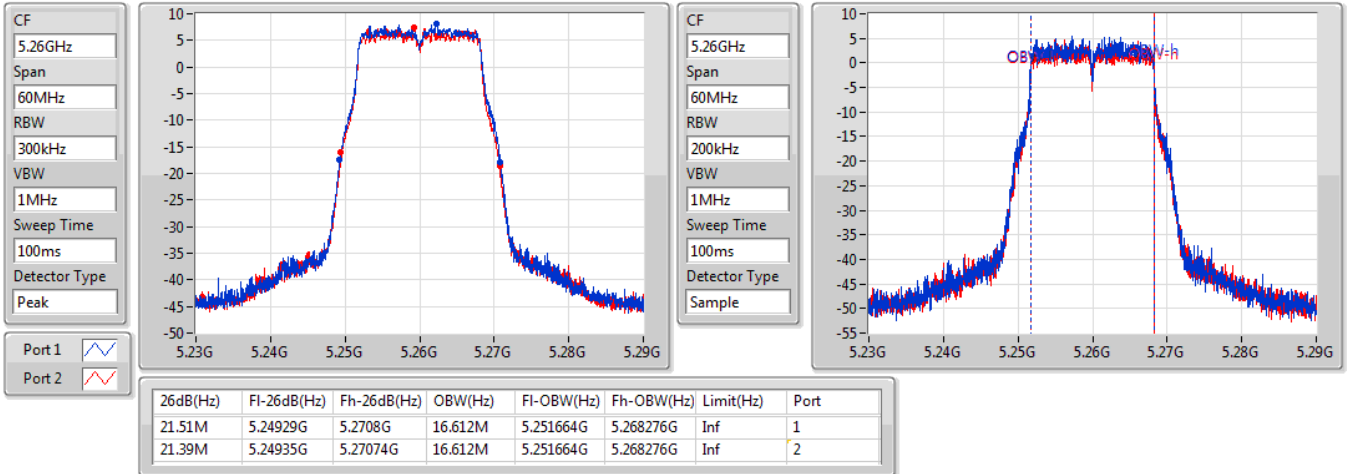
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

13/11/2019

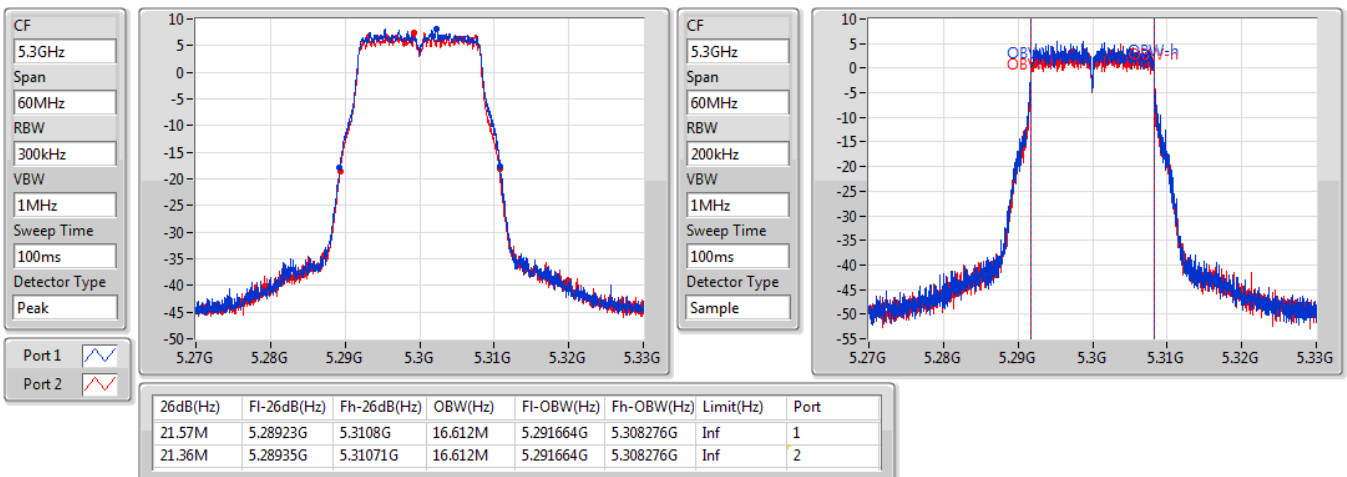


802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

13/11/2019

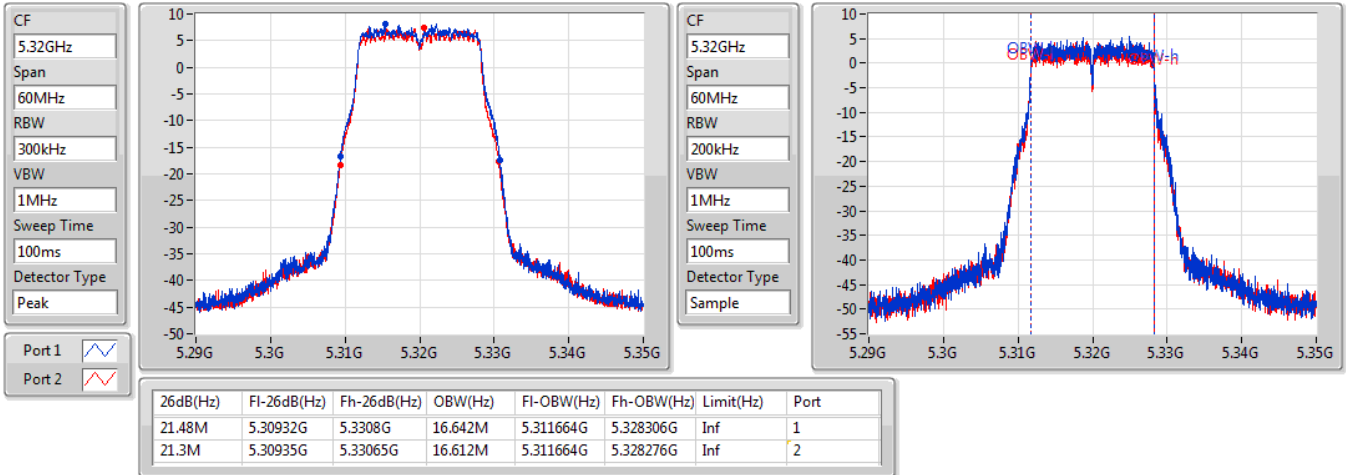


802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

13/11/2019

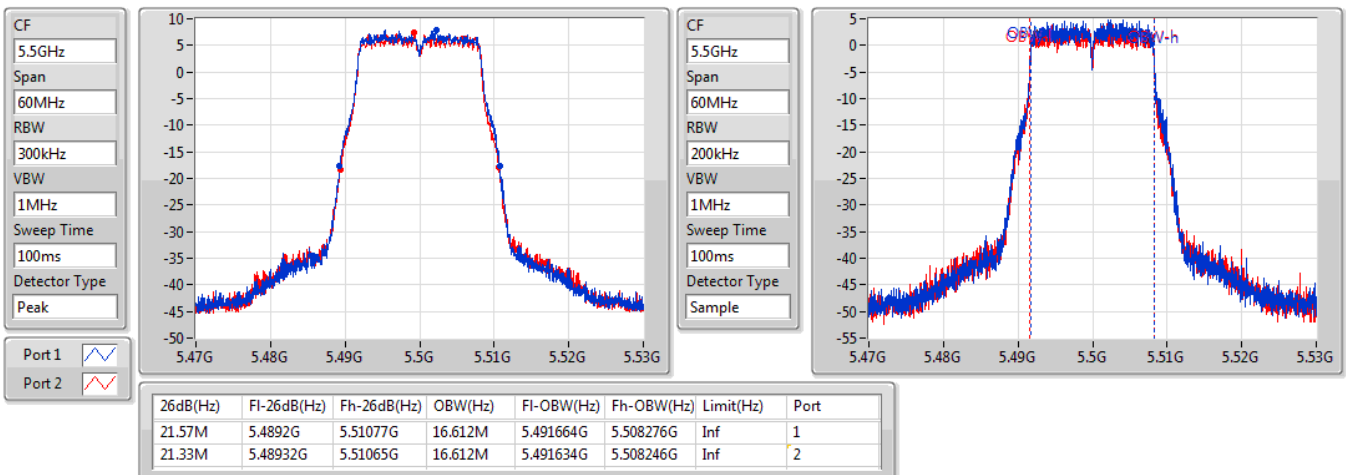


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

13/11/2019

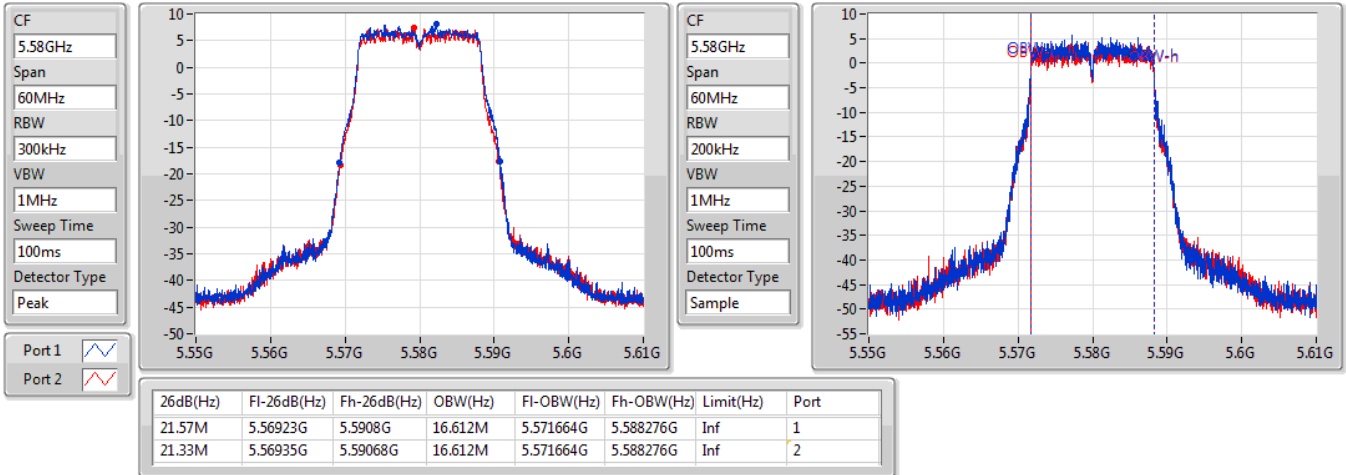


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

13/11/2019

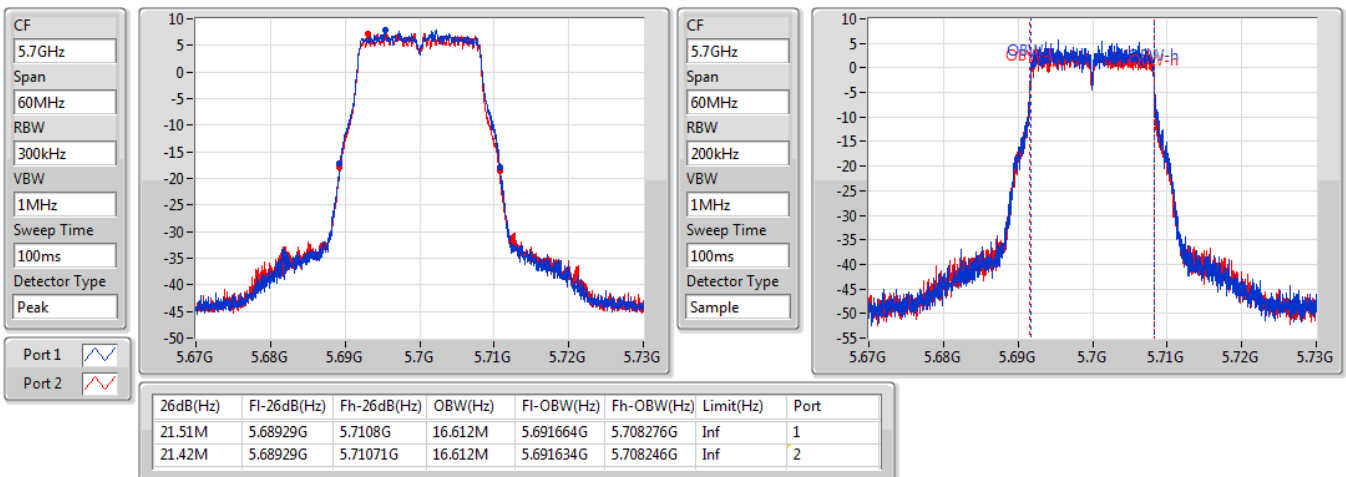


802.11a_Nss1,(6Mbps)_2TX

EBW

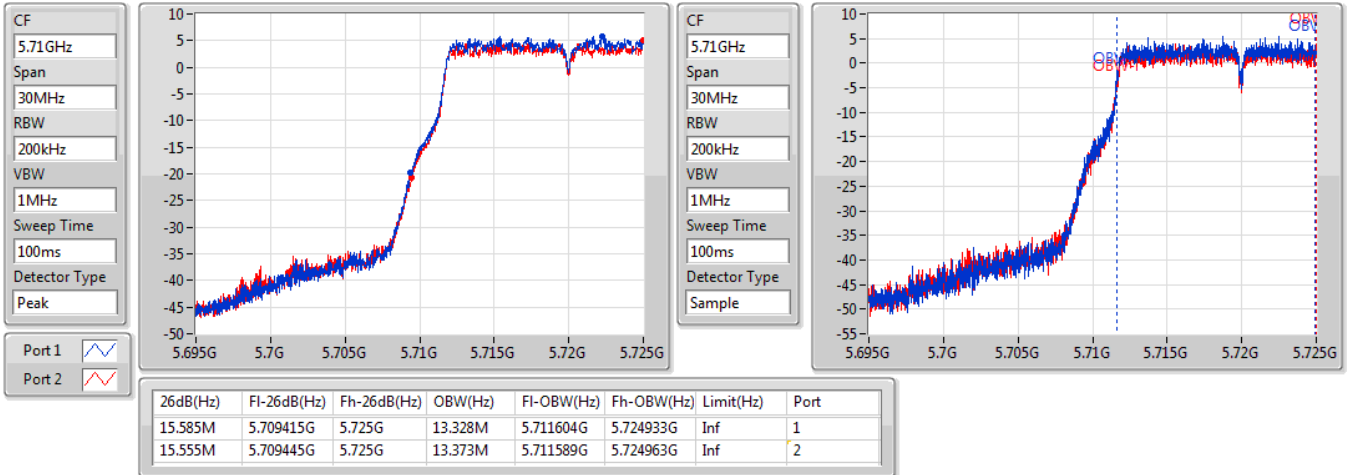
5700MHz

13/11/2019

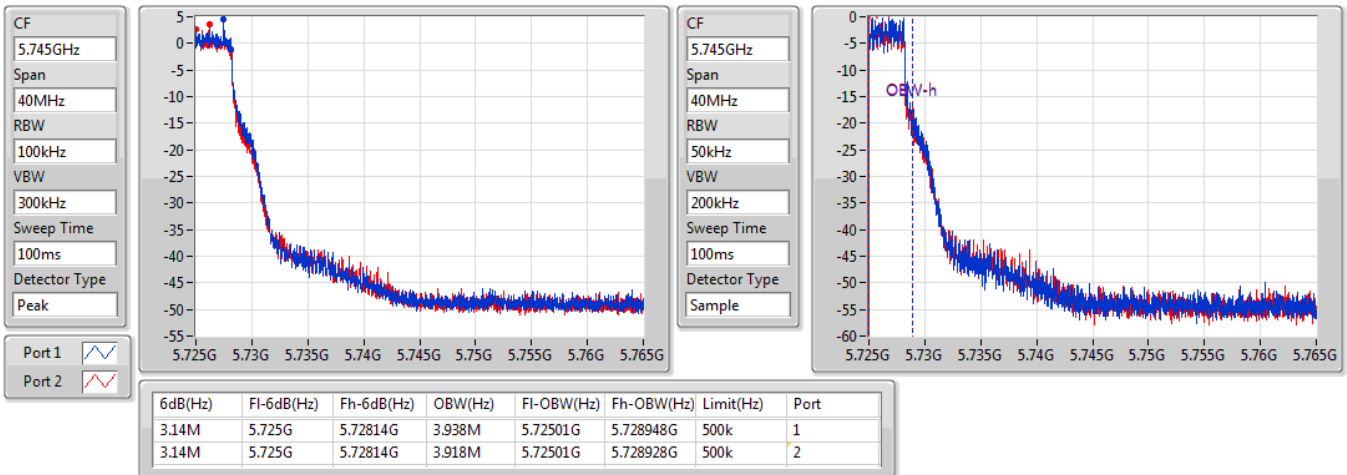


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/11/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

13/11/2019

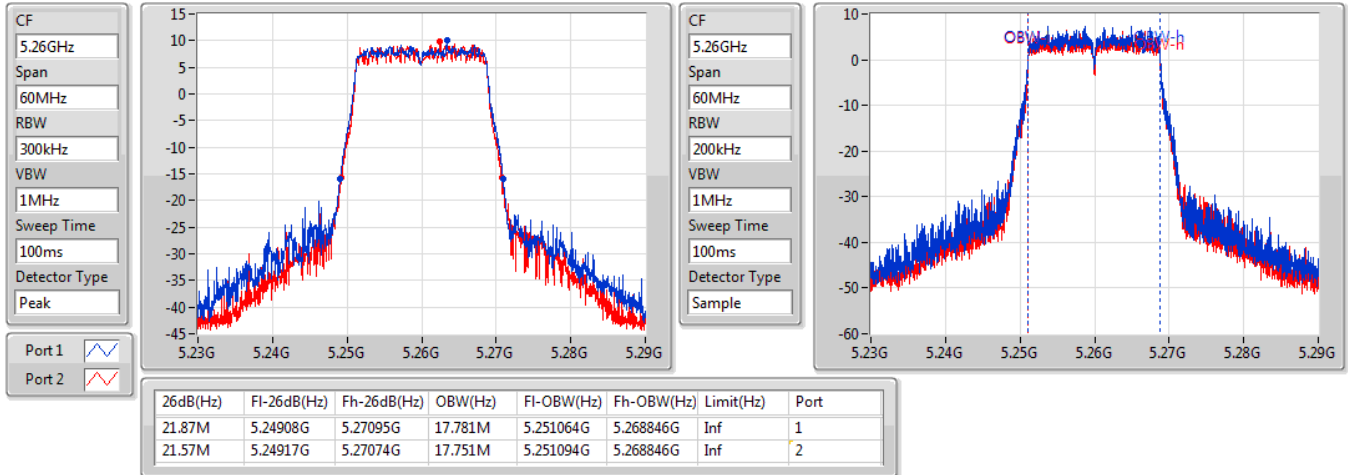


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

07/11/2019

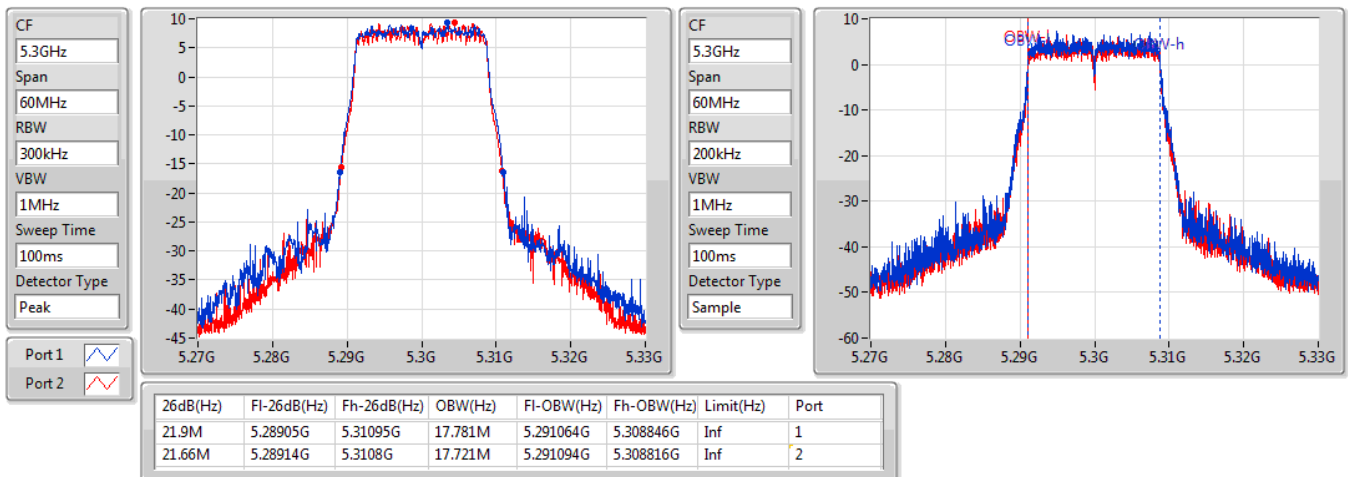


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

07/11/2019

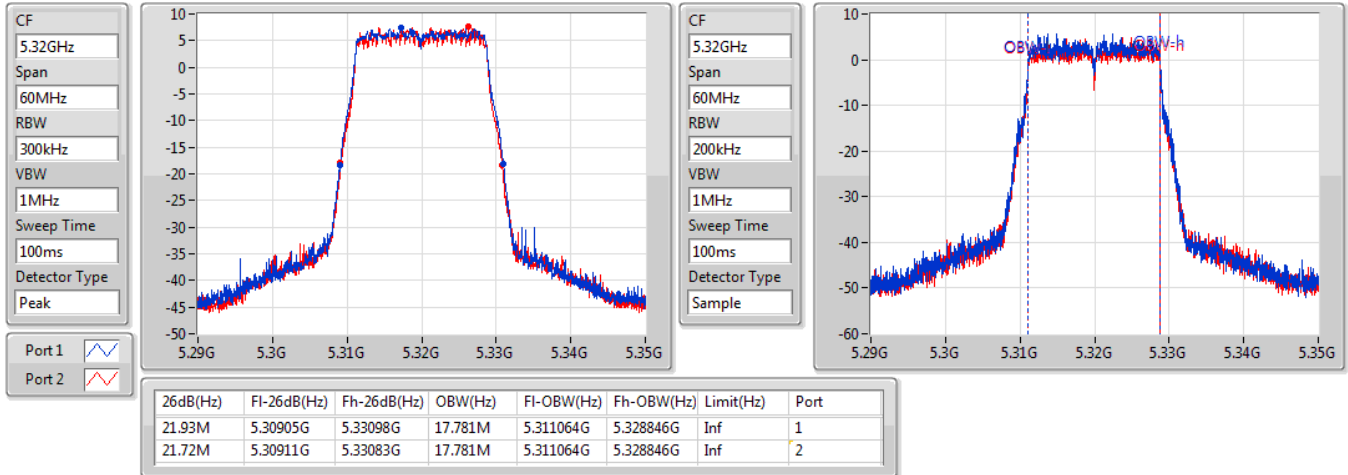


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

07/11/2019

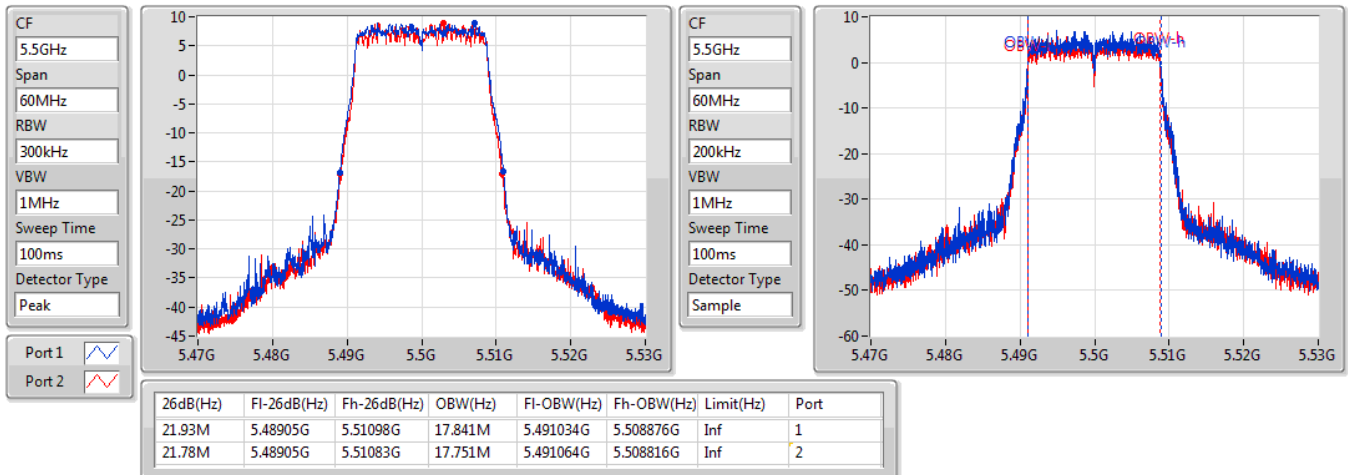


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5500MHz

07/11/2019

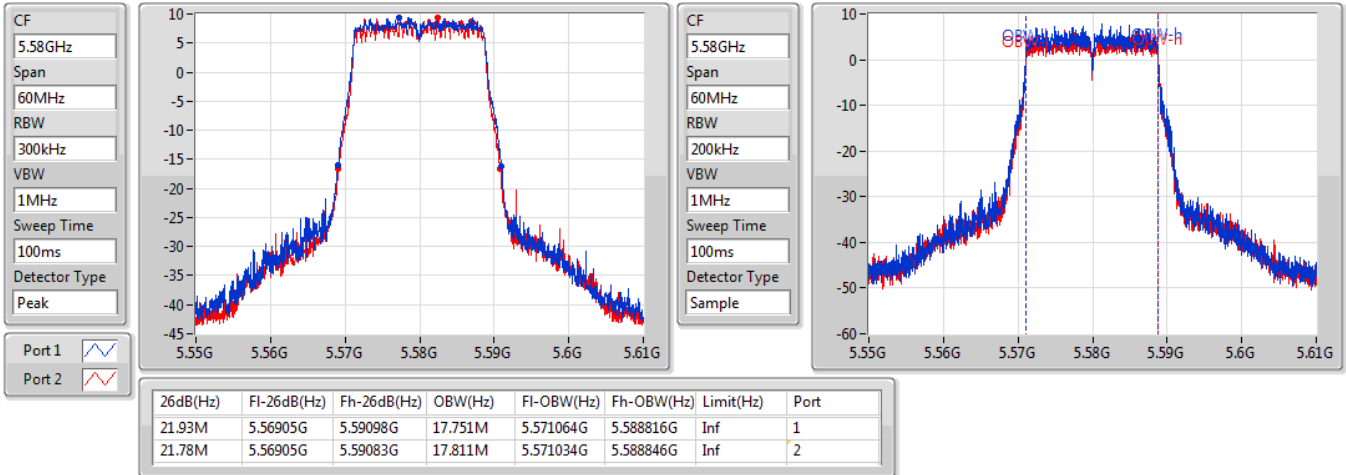


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

07/11/2019

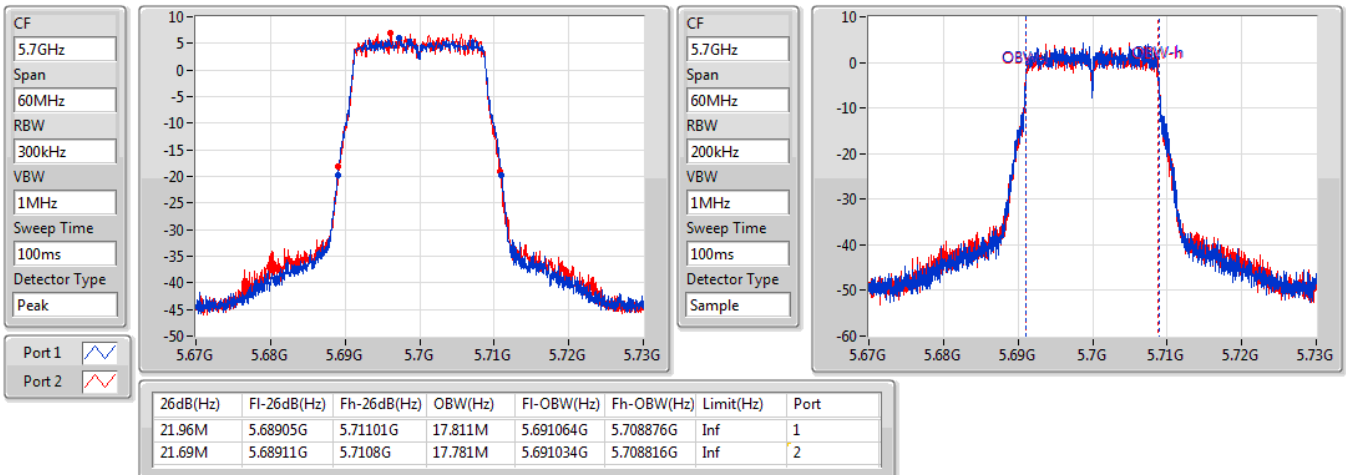


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5700MHz

07/11/2019

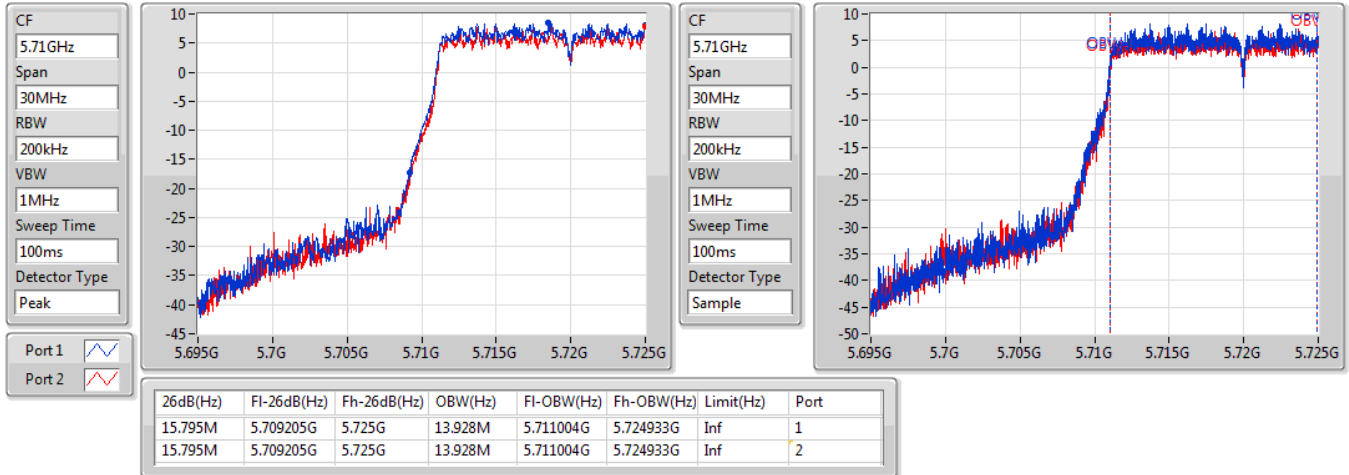


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/11/2019

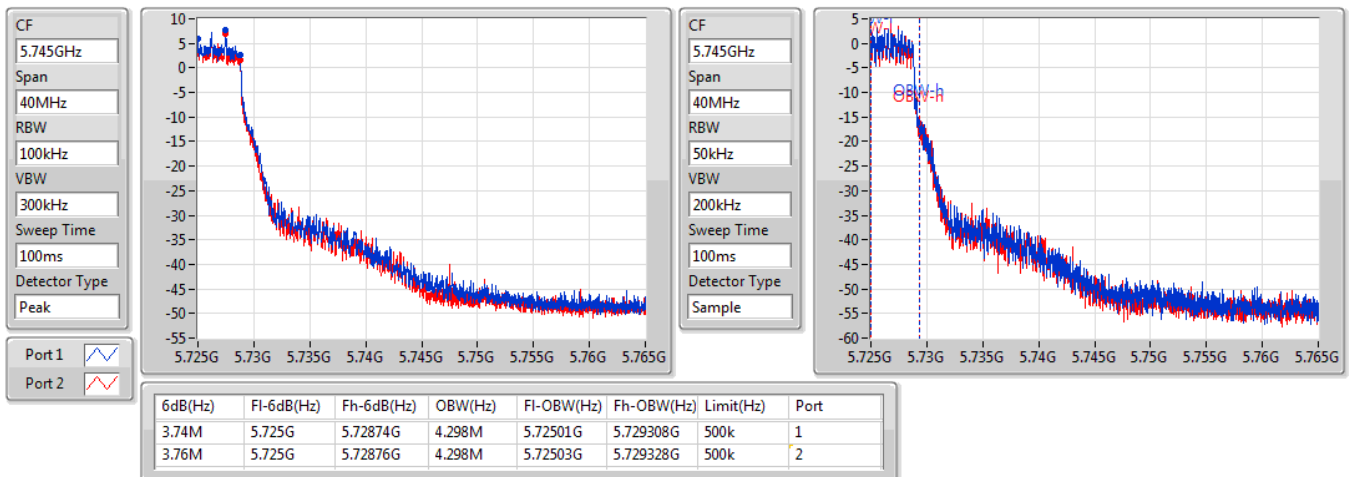


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/11/2019

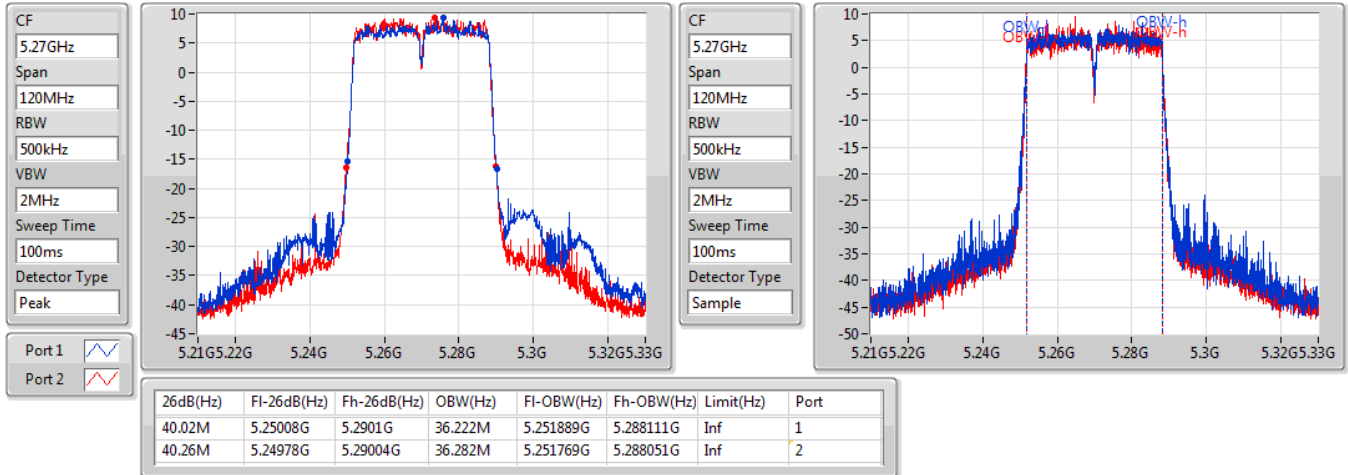


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

07/11/2019

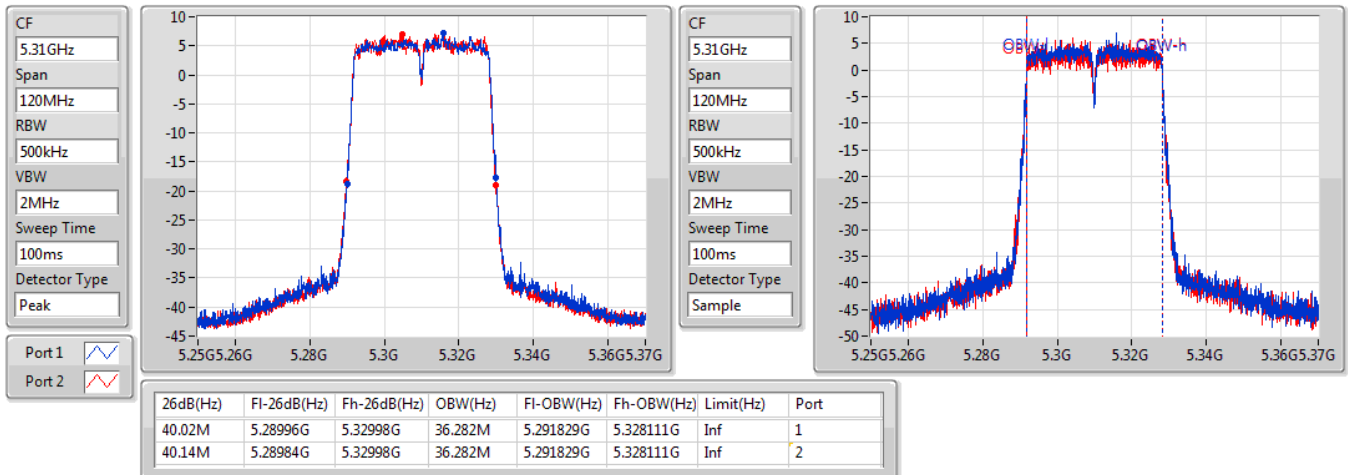


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

07/11/2019

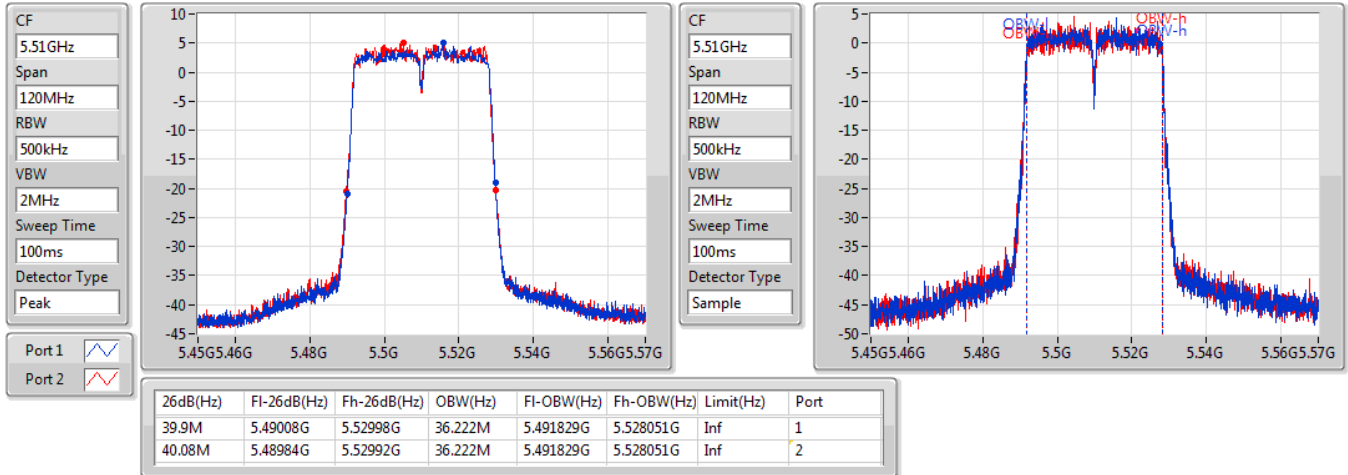


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

07/11/2019

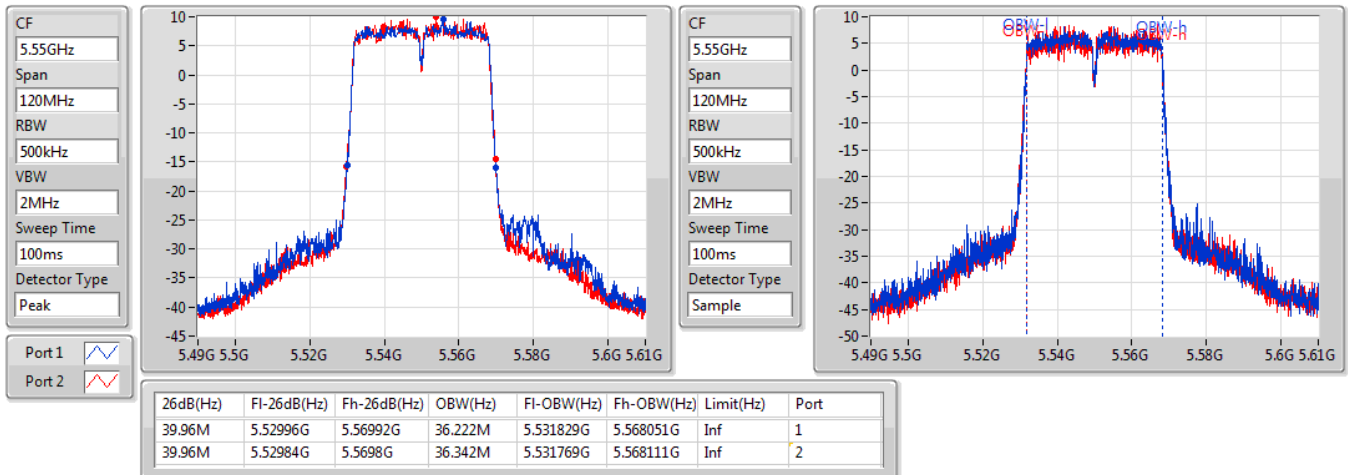


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5550MHz

07/11/2019

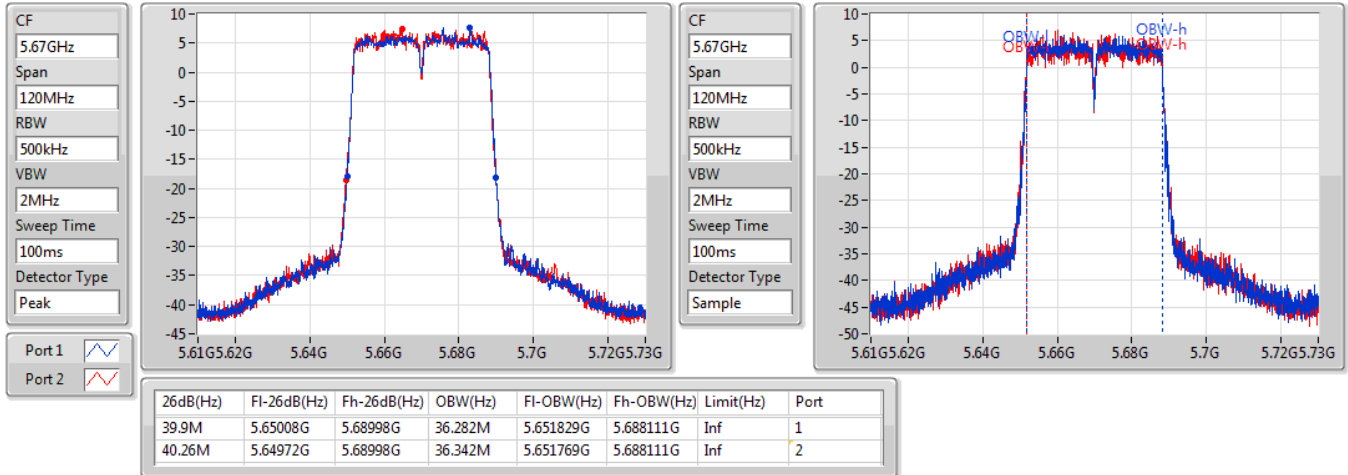


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5670MHz

07/11/2019

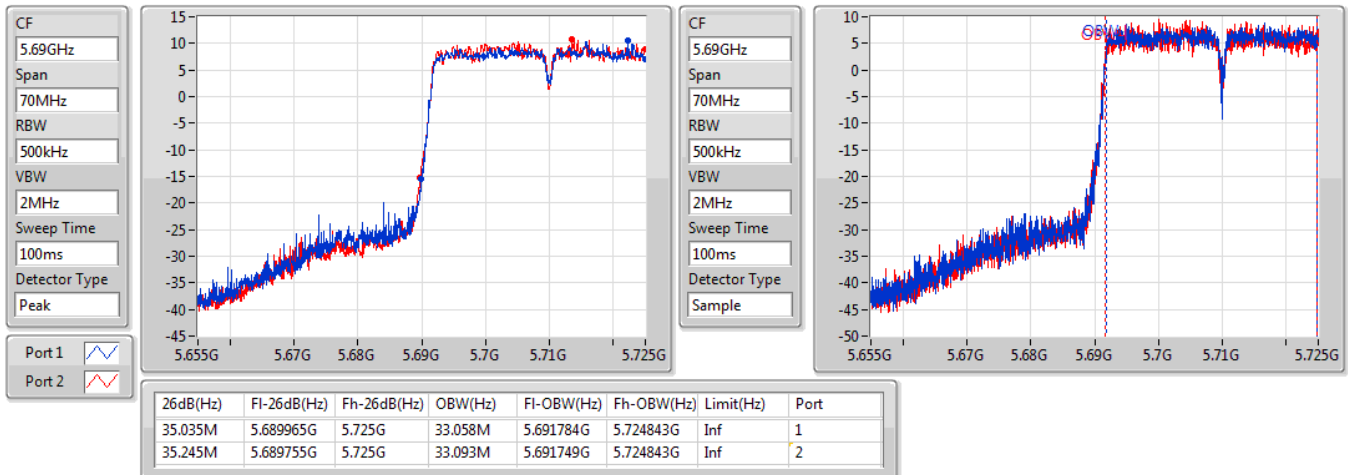


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/11/2019

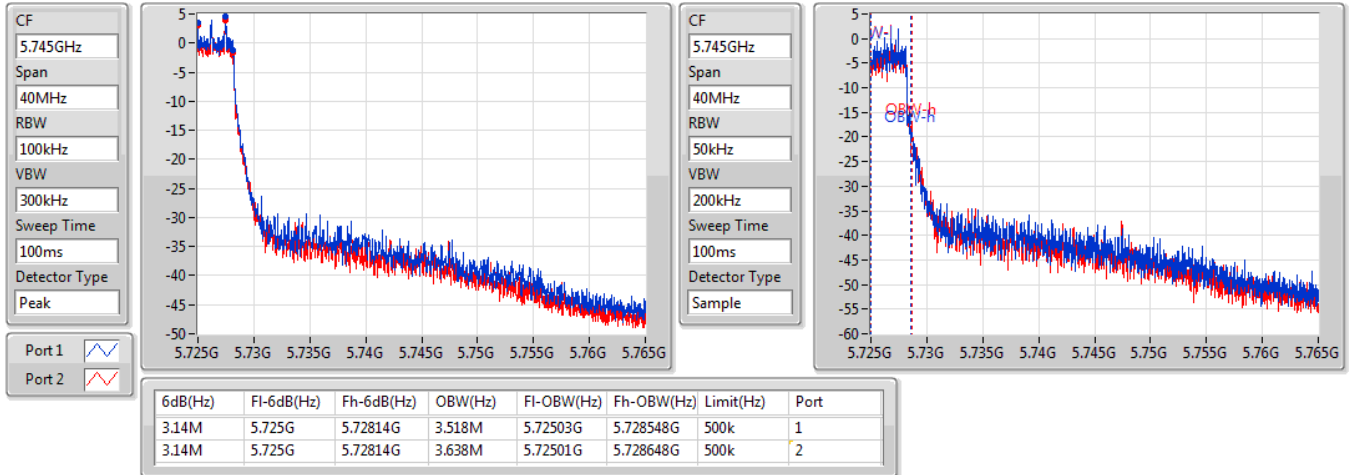


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/11/2019

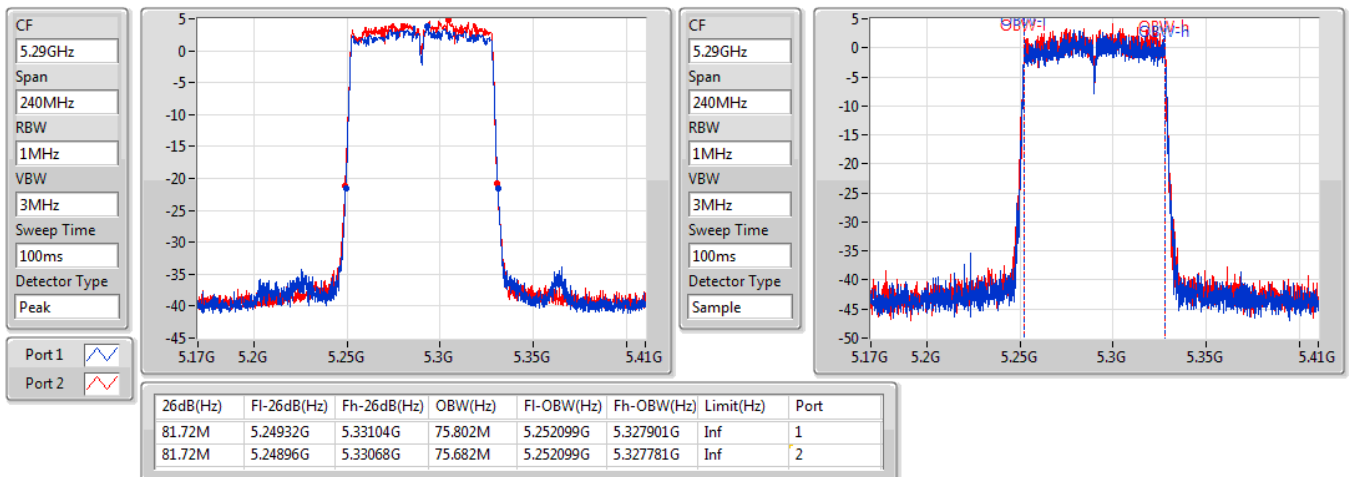


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

07/11/2019

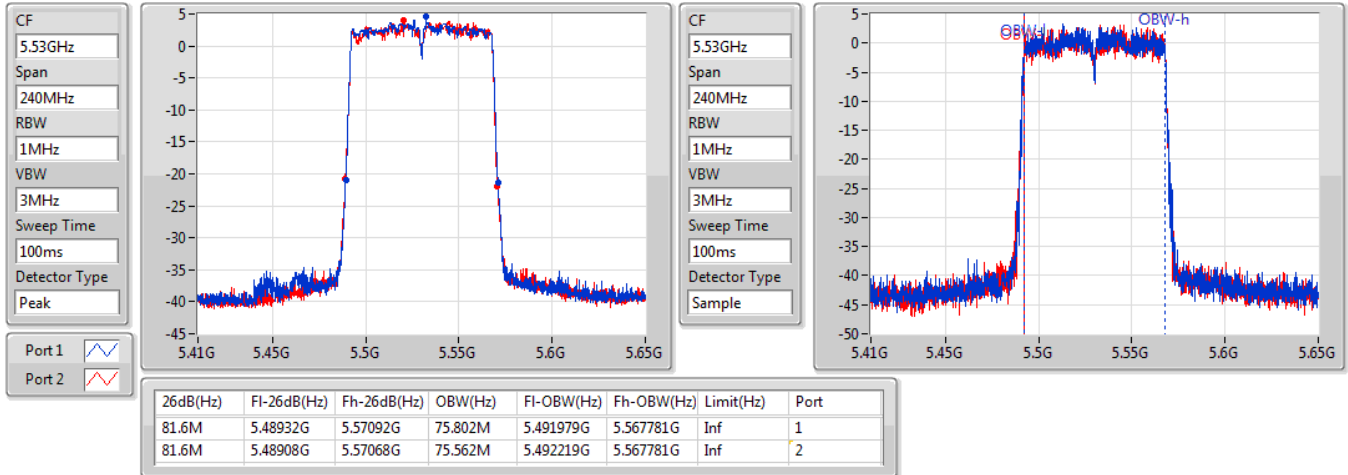


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

07/11/2019

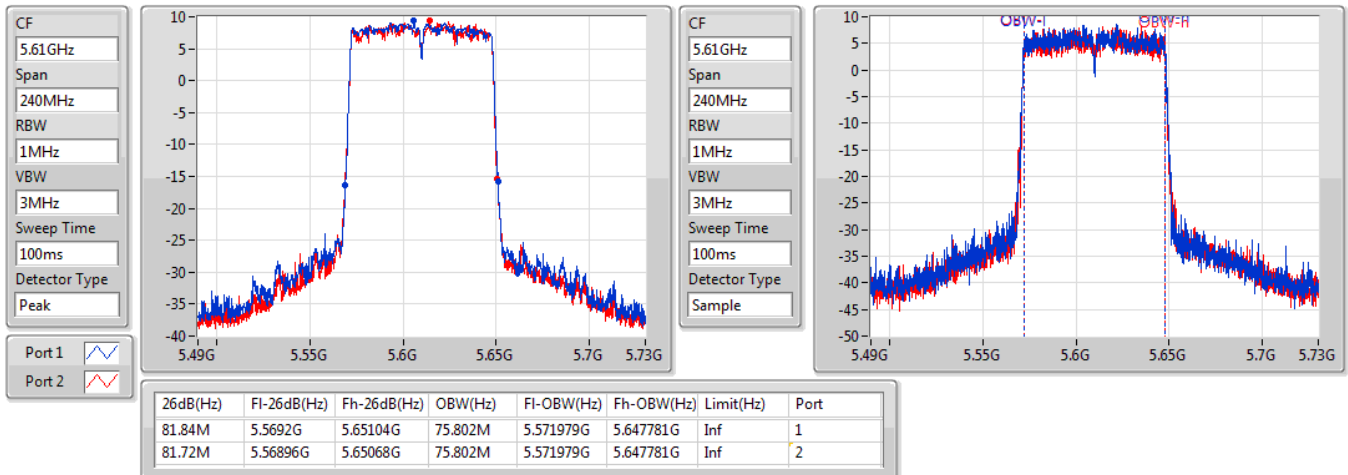


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5610MHz

07/11/2019

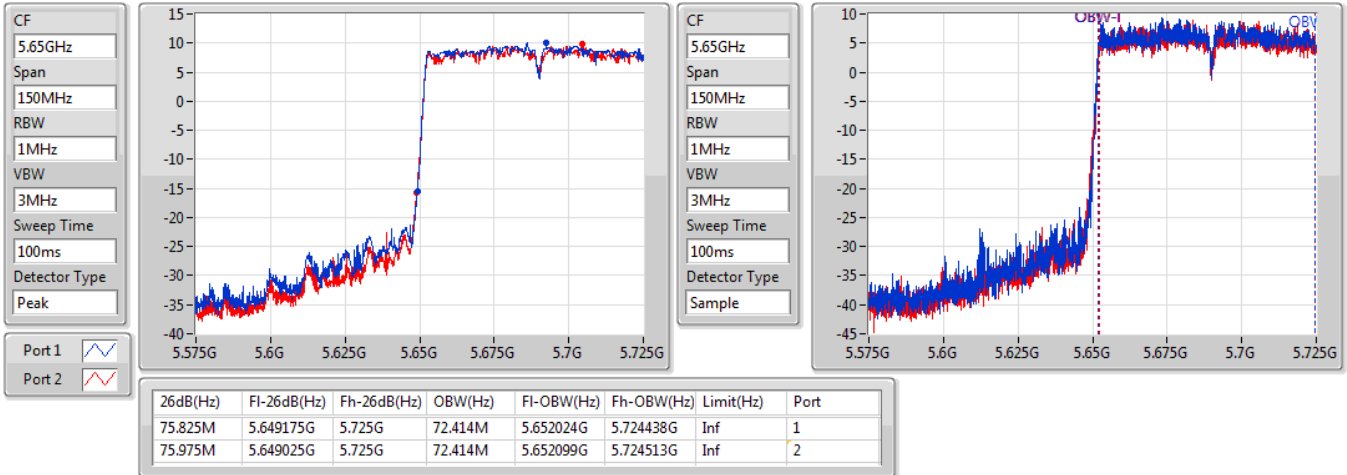


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

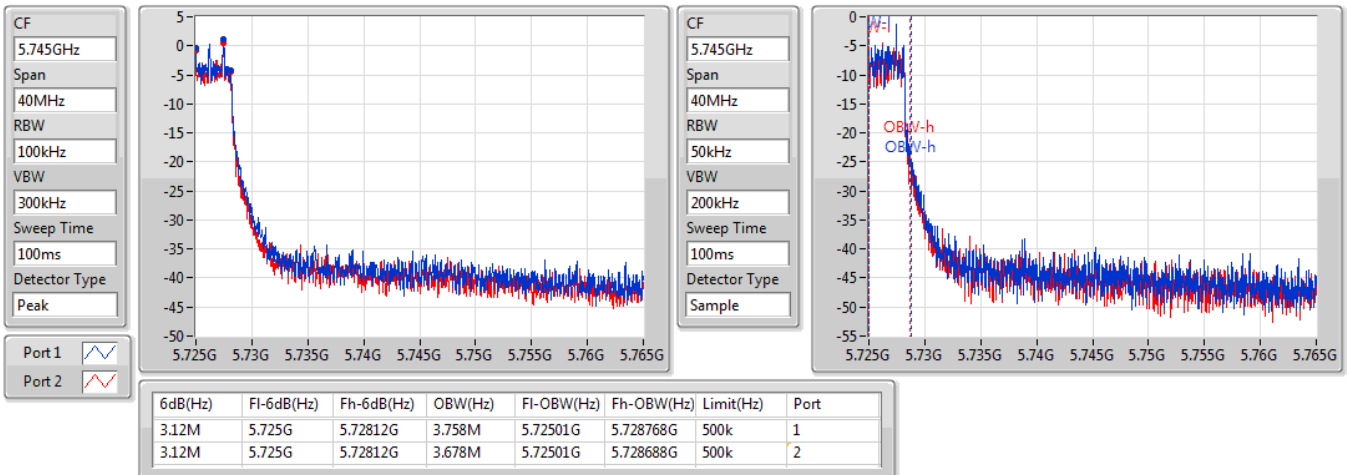


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019

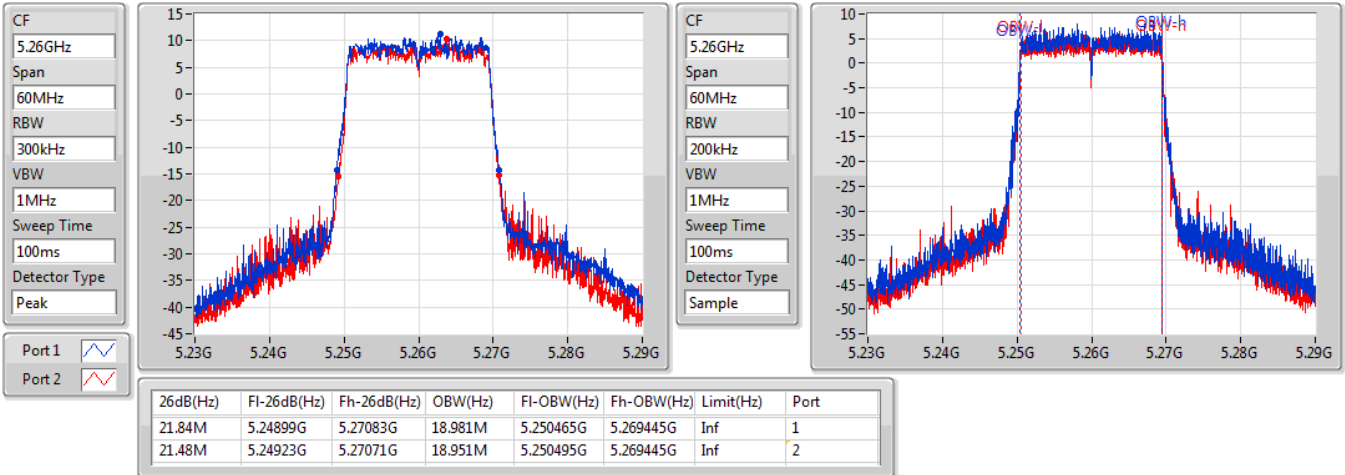


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5260MHz

07/11/2019

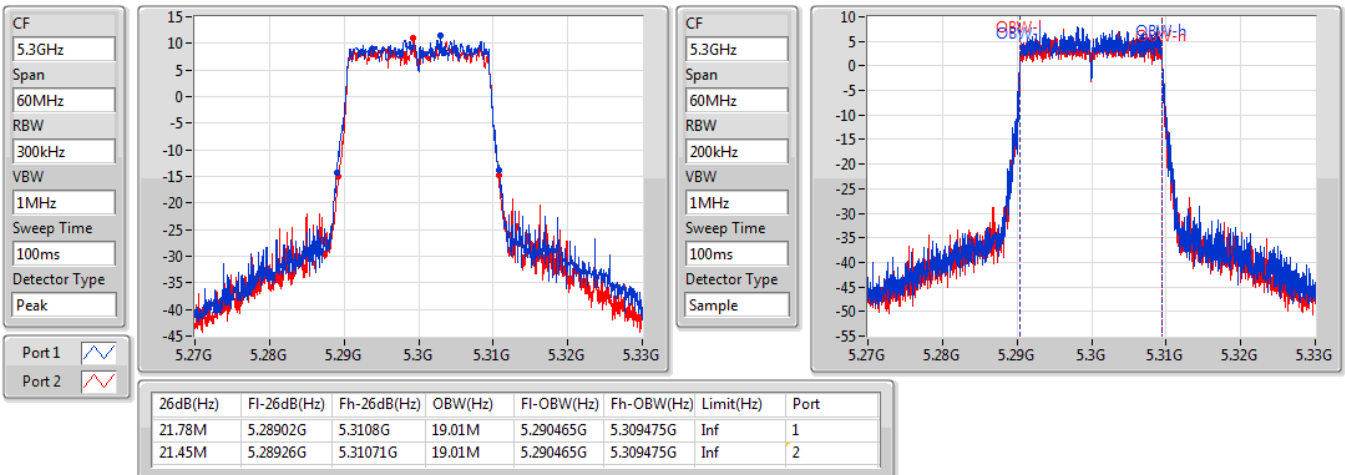


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5300MHz

07/11/2019

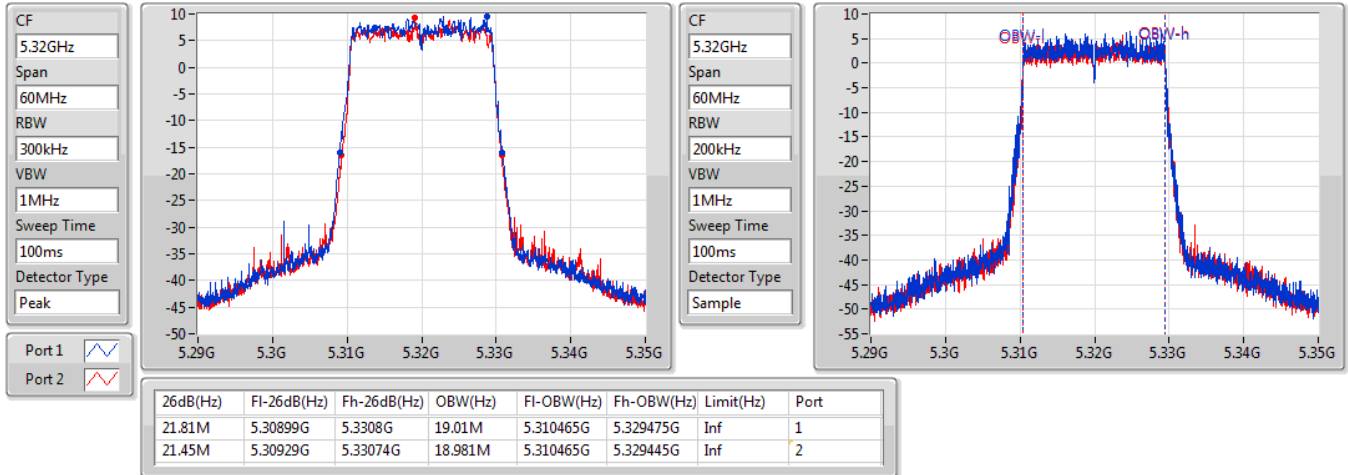


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

07/11/2019

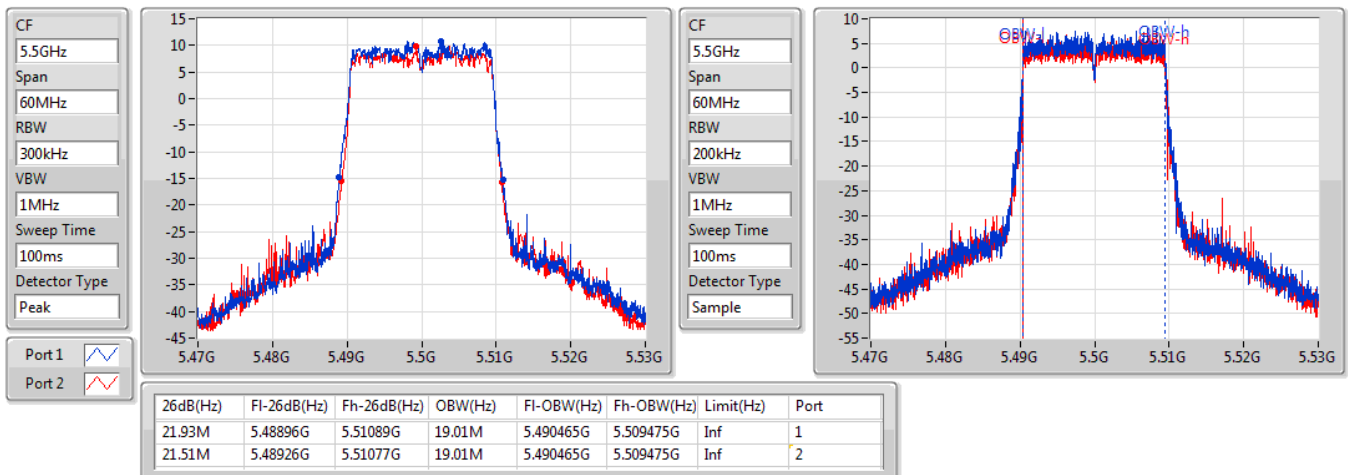


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

07/11/2019

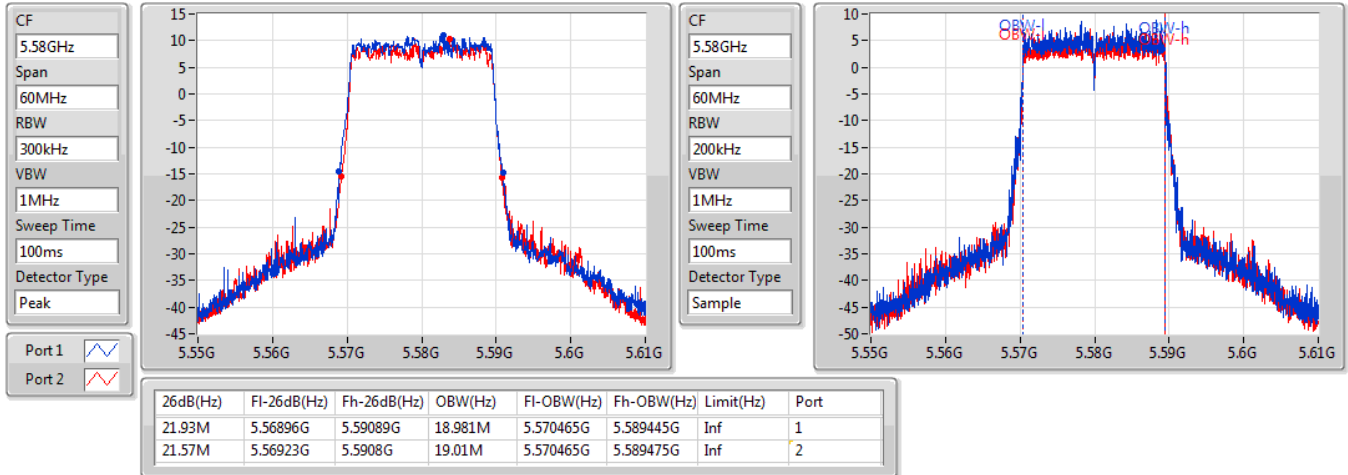


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

07/11/2019

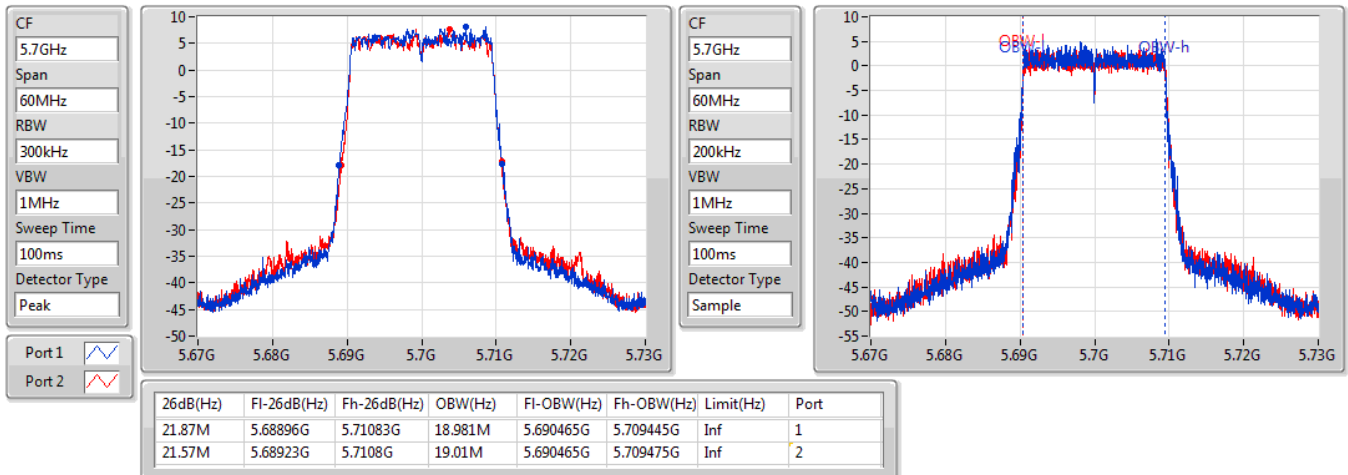


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5700MHz

07/11/2019

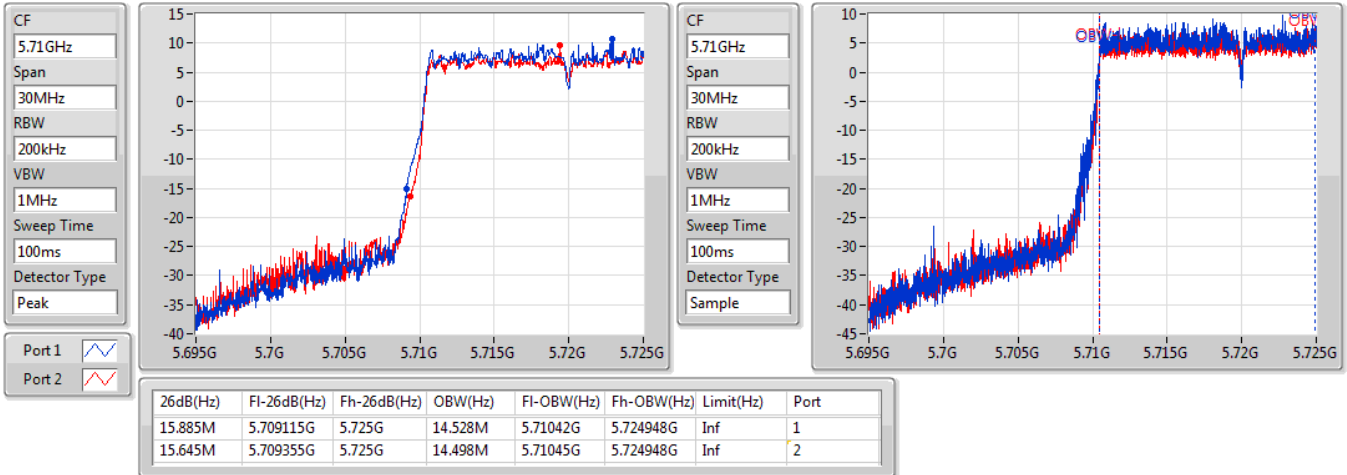


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/11/2019

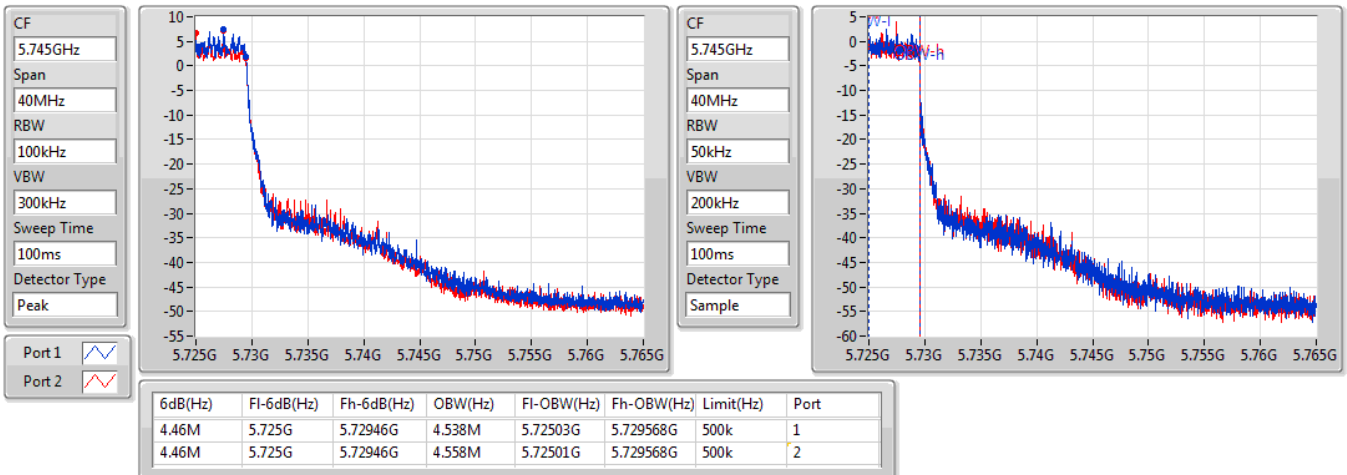


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/11/2019

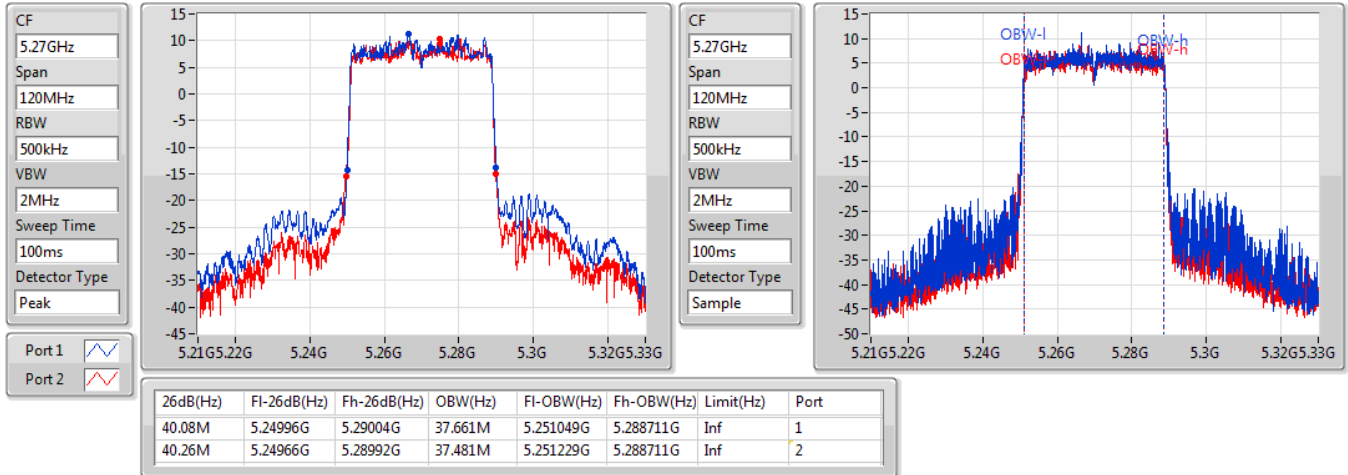


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5270MHz

07/11/2019

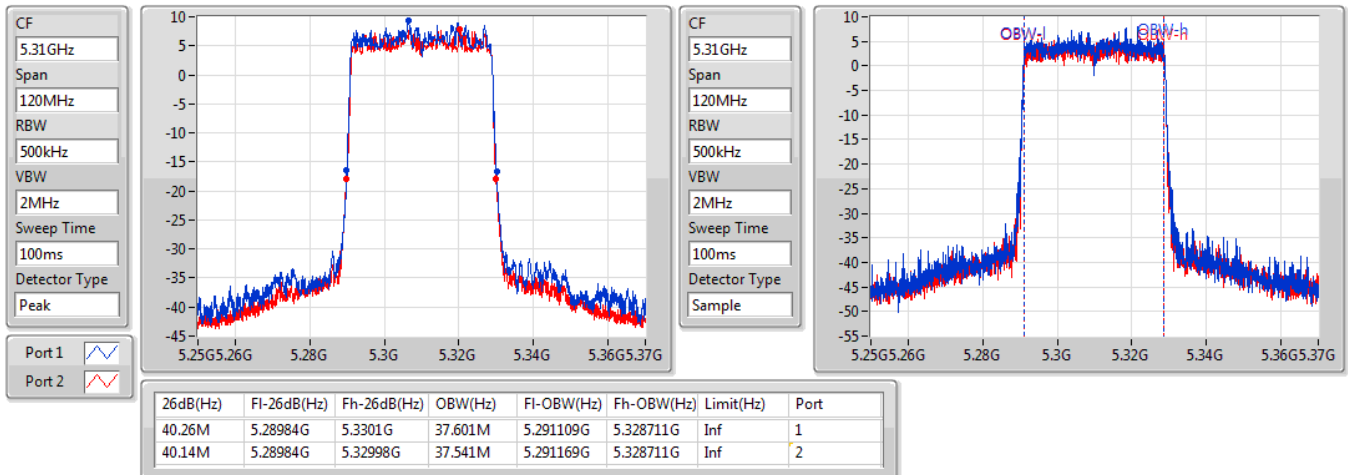


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5310MHz

07/11/2019

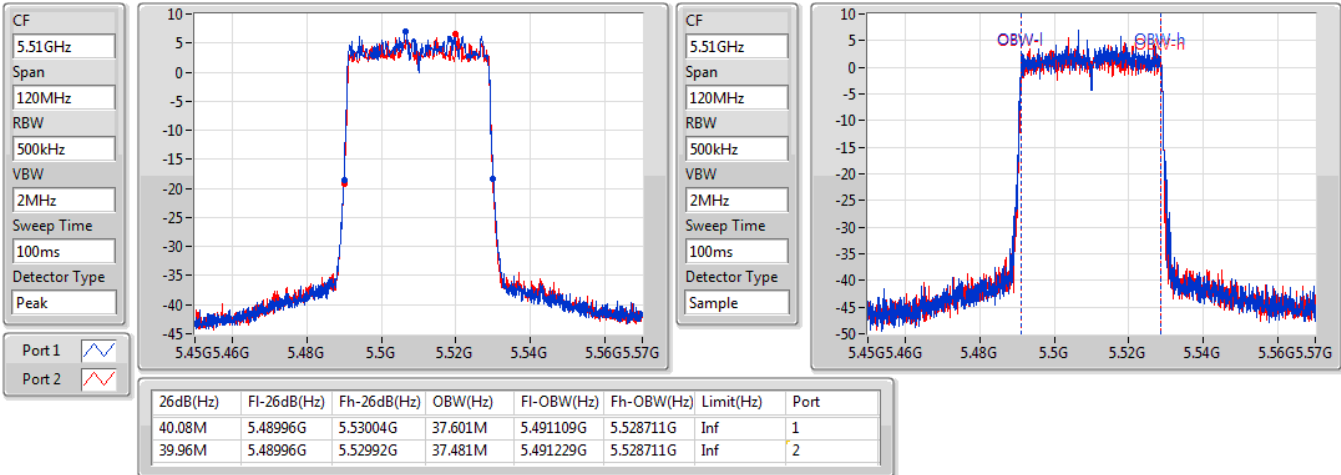


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5510MHz

07/11/2019

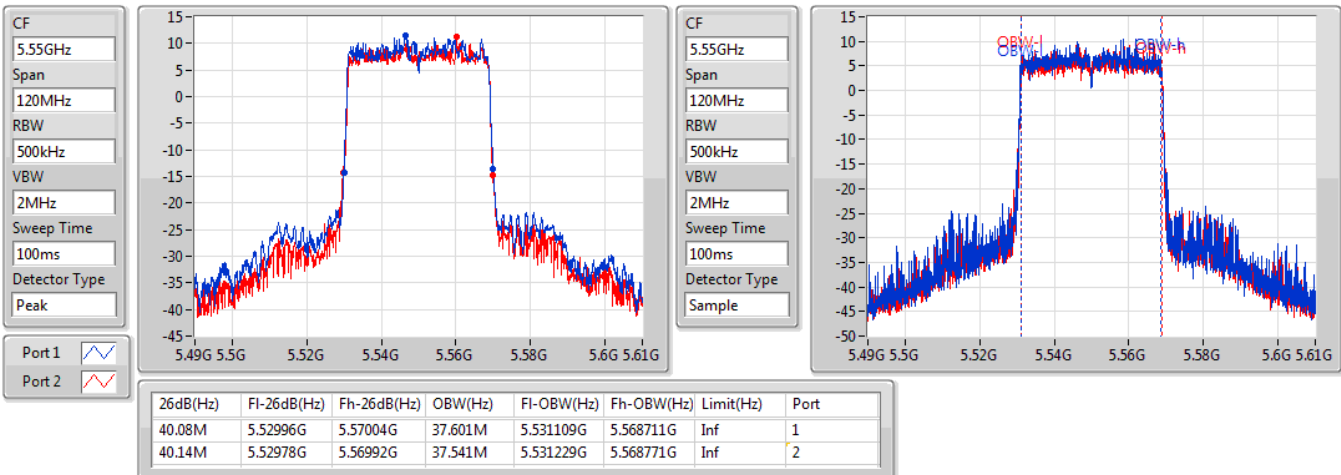


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5550MHz

07/11/2019

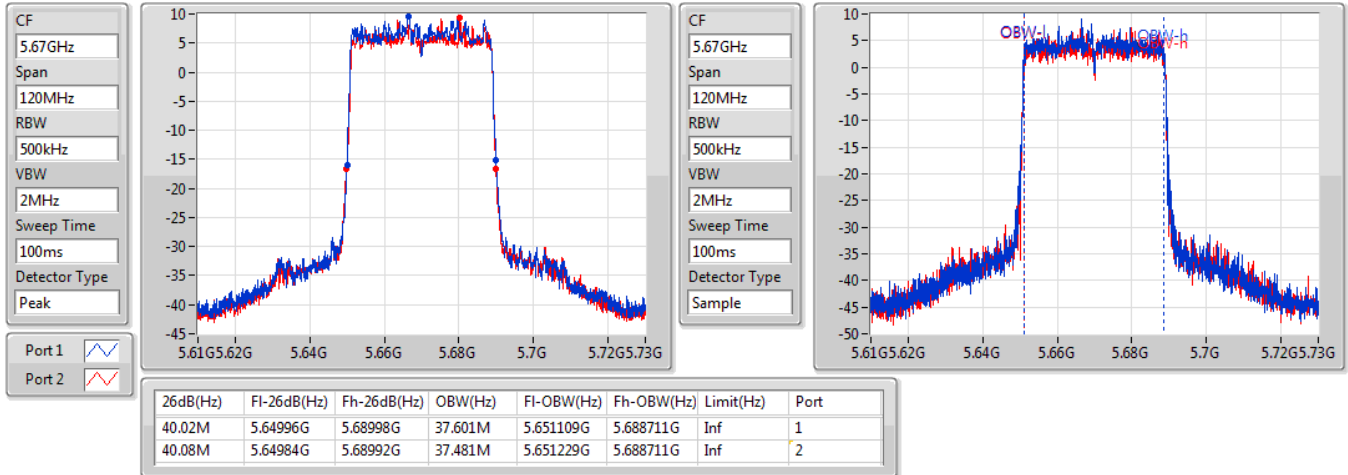


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5670MHz

07/11/2019

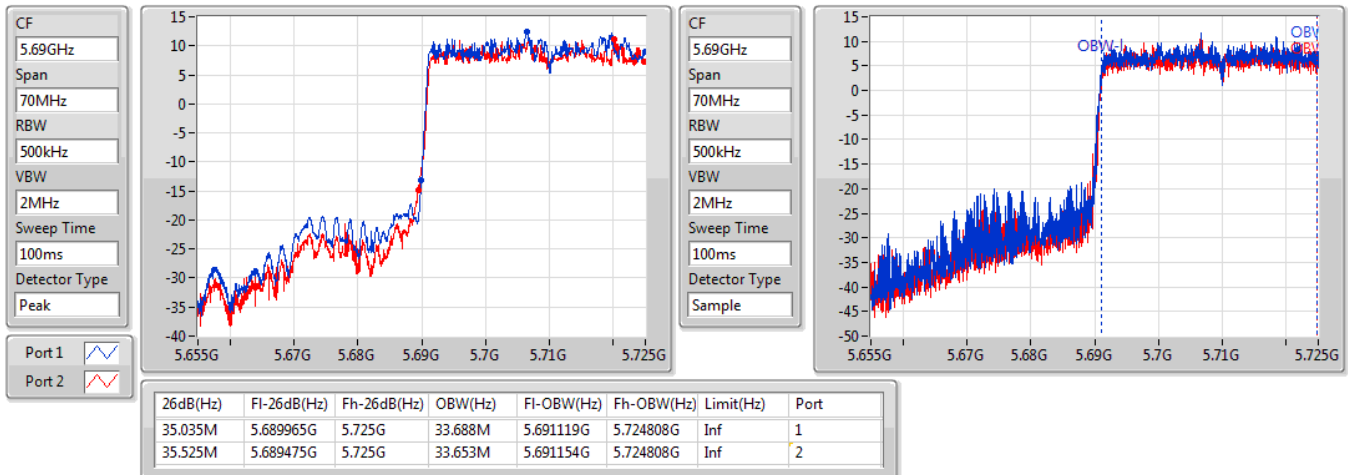


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/11/2019

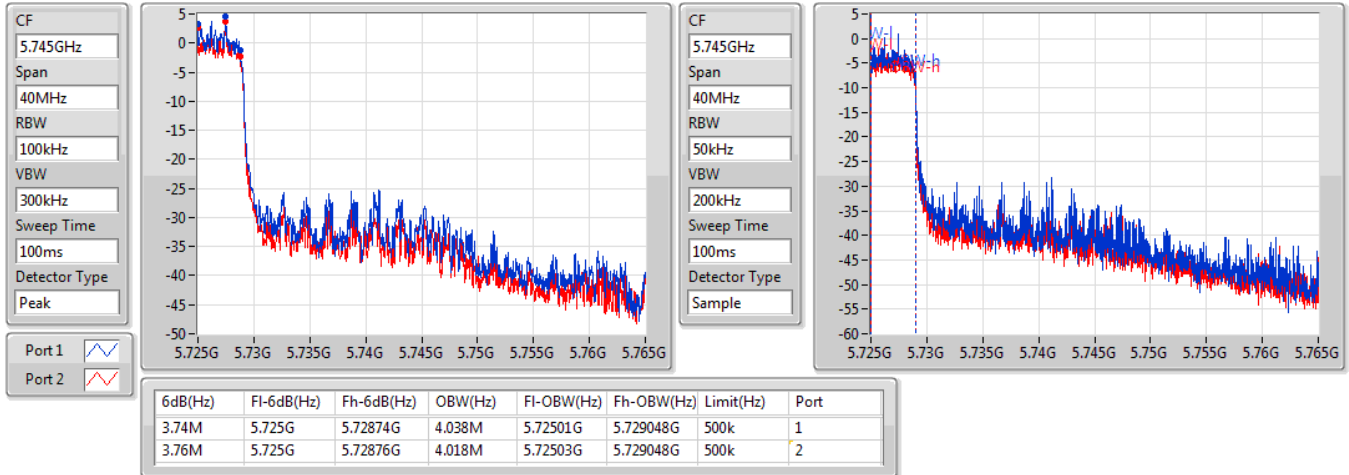


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/11/2019

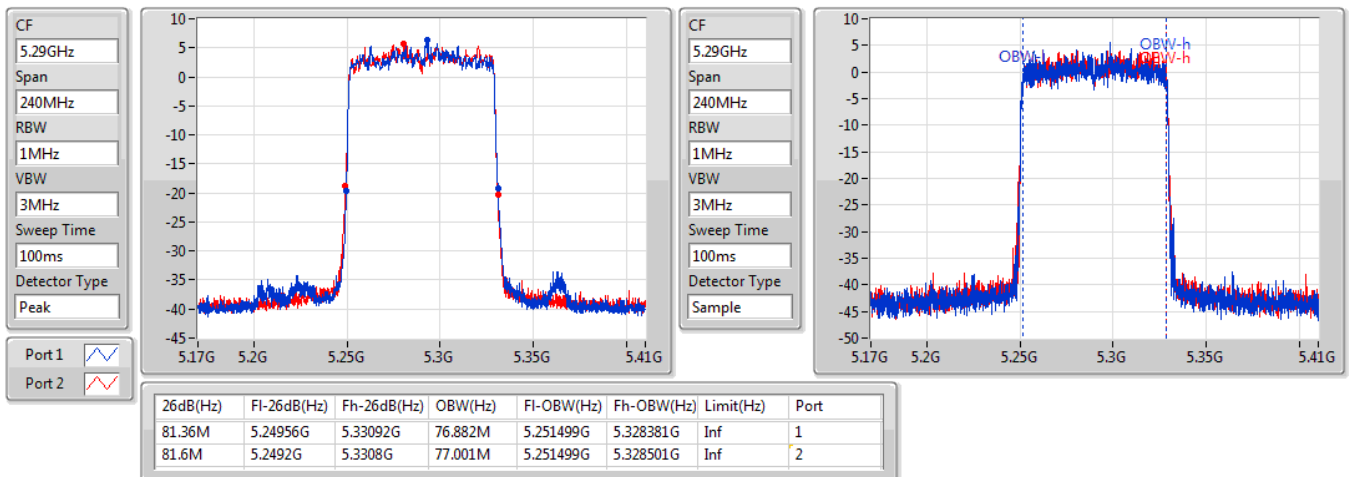


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

07/11/2019

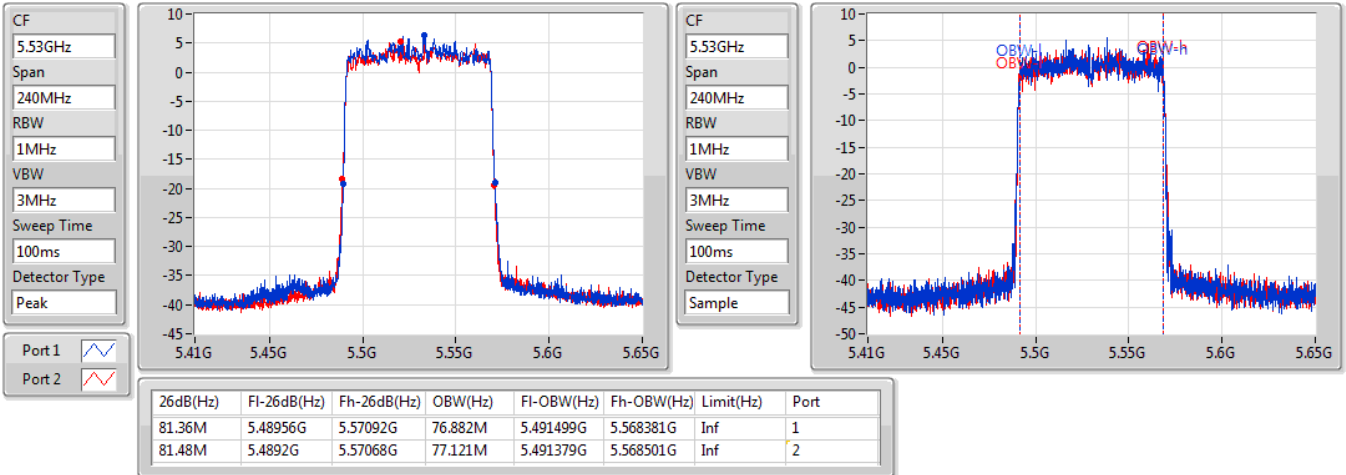


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

07/11/2019

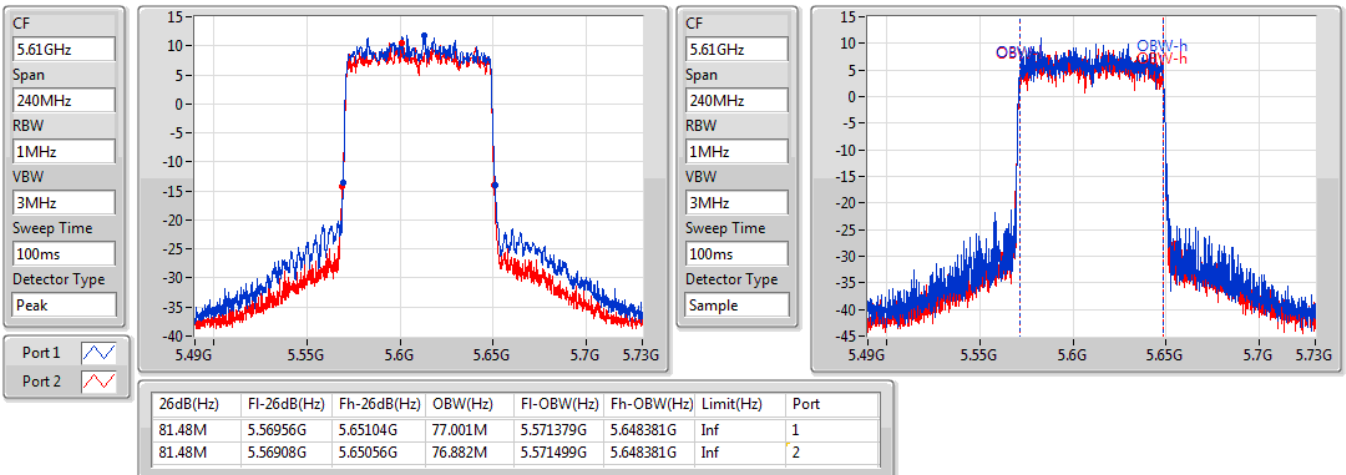


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

07/11/2019

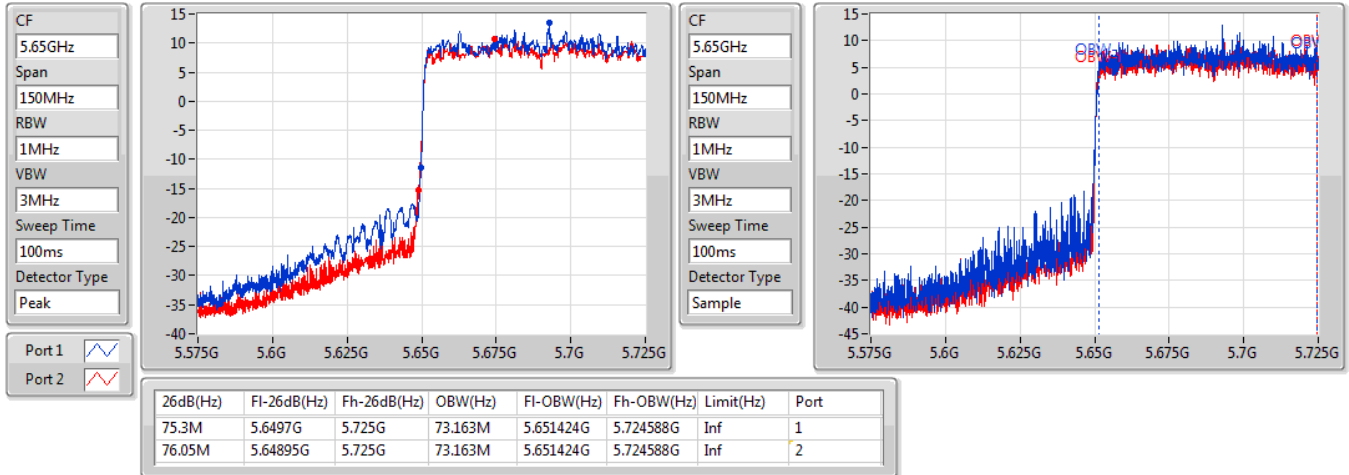


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/11/2019

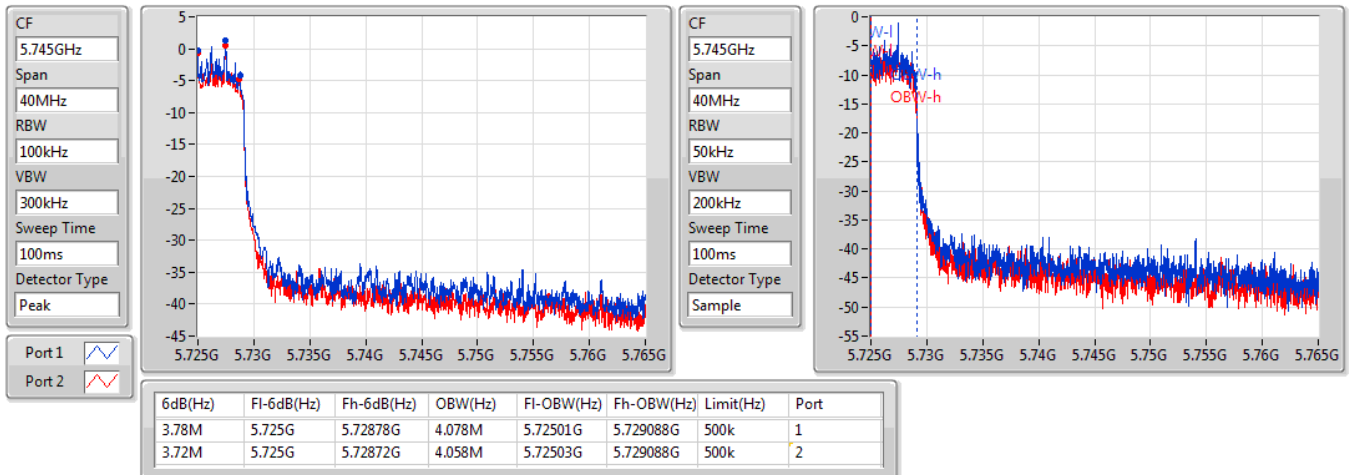


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/11/2019



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	27.21M	16.942M	16M9D1D	21.6M	16.762M
802.11ac VHT20_Nss1,(MCS0)_1TX	24.6M	17.931M	17M9D1D	21.81M	17.841M
802.11ac VHT40_Nss1,(MCS0)_1TX	53.28M	36.702M	36M7D1D	40.86M	36.402M
802.11ac VHT80_Nss1,(MCS0)_1TX	83.4M	75.682M	75M7D1D	83.4M	75.682M
802.11ax HEW20_Nss1,(MCS0)_1TX	27.21M	19.13M	19M1D1D	21.69M	19.04M
802.11ax HEW40_Nss1,(MCS0)_1TX	49.44M	37.721M	37M7D1D	40.92M	37.541M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.76M	77.121M	77M1D1D	83.76M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.63M	16.882M	16M9D1D	16.695M	13.463M
802.11ac VHT20_Nss1,(MCS0)_1TX	23.52M	17.931M	17M9D1D	18.405M	14.033M
802.11ac VHT40_Nss1,(MCS0)_1TX	55.62M	36.582M	36M6D1D	37.94M	33.023M
802.11ac VHT80_Nss1,(MCS0)_1TX	83.52M	75.802M	75M8D1D	79.5M	72.564M
802.11ax HEW20_Nss1,(MCS0)_1TX	25.83M	19.1M	19M1D1D	16.845M	14.588M
802.11ax HEW40_Nss1,(MCS0)_1TX	44.82M	37.661M	37M7D1D	35.42M	33.583M
802.11ax HEW80_Nss1,(MCS0)_1TX	84M	77.121M	77M1D1D	81.375M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.12M	4.438M	4M44D1D	3.12M	4.438M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.74M	4.618M	4M62D1D	3.74M	4.618M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.16M	4.098M	4M10D1D	3.16M	4.098M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.12M	10.735M	10M7D1D	3.12M	10.735M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	4.998M	5M00D1D	4.44M	4.998M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.92M	4.138M	4M14D1D	3.92M	4.138M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.76M	14.633M	14M6D1D	3.76M	14.633M

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	27.21M	16.942M
5300MHz	Pass	Inf	24.63M	16.882M
5320MHz	Pass	Inf	21.6M	16.762M
5500MHz	Pass	Inf	21.54M	16.762M
5580MHz	Pass	Inf	24.63M	16.882M
5700MHz	Pass	Inf	21.51M	16.762M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.695M	13.463M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.438M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	24.48M	17.931M
5300MHz	Pass	Inf	24.6M	17.931M
5320MHz	Pass	Inf	21.81M	17.841M
5500MHz	Pass	Inf	21.75M	17.871M
5580MHz	Pass	Inf	23.52M	17.931M
5700MHz	Pass	Inf	21.75M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.405M	14.033M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.618M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	53.28M	36.702M
5310MHz	Pass	Inf	40.86M	36.402M
5510MHz	Pass	Inf	41.04M	36.402M
5550MHz	Pass	Inf	55.62M	36.582M
5670MHz	Pass	Inf	41.04M	36.462M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.94M	33.023M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.098M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	83.4M	75.682M
5530MHz	Pass	Inf	83.52M	75.682M
5610MHz	Pass	Inf	83.52M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.5M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	10.735M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	26.88M	19.13M
5300MHz	Pass	Inf	27.21M	19.13M
5320MHz	Pass	Inf	21.69M	19.04M
5500MHz	Pass	Inf	21.69M	19.04M
5580MHz	Pass	Inf	25.83M	19.1M
5700MHz	Pass	Inf	21.63M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.845M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.998M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	49.44M	37.721M
5310MHz	Pass	Inf	40.92M	37.541M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5510MHz	Pass	Inf	40.98M	37.541M
5550MHz	Pass	Inf	44.82M	37.661M
5670MHz	Pass	Inf	40.98M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.138M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	83.76M	77.121M
5530MHz	Pass	Inf	83.88M	77.121M
5610MHz	Pass	Inf	84M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	81.375M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	14.633M

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

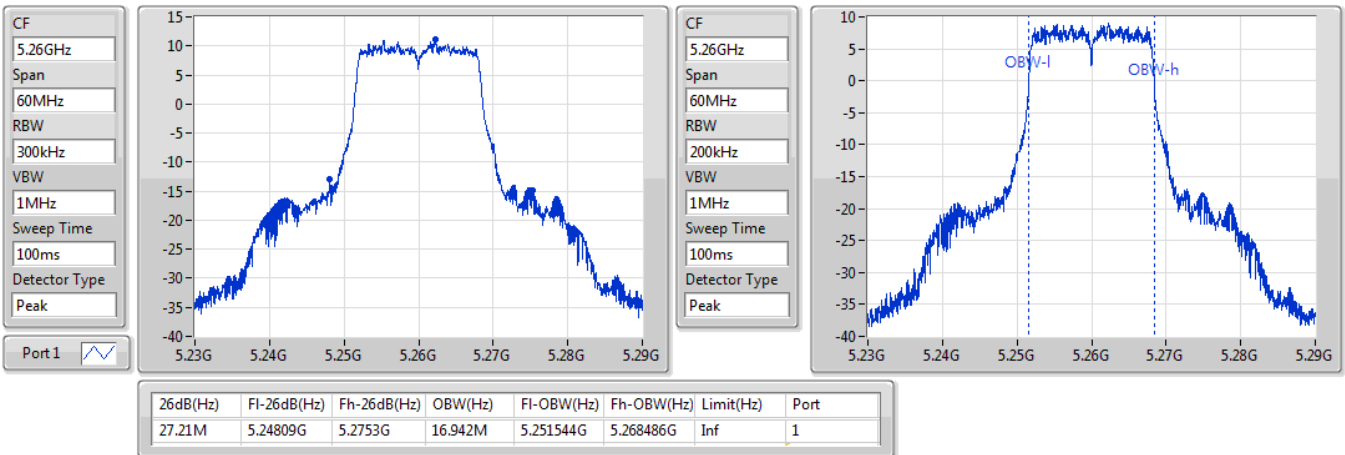
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

02/12/2019

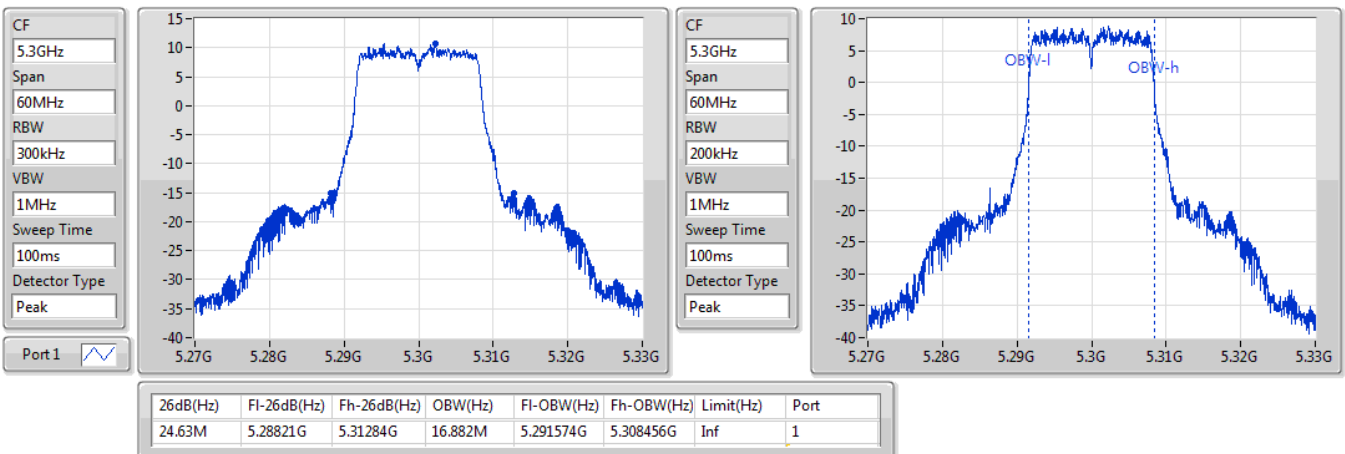


802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

02/12/2019

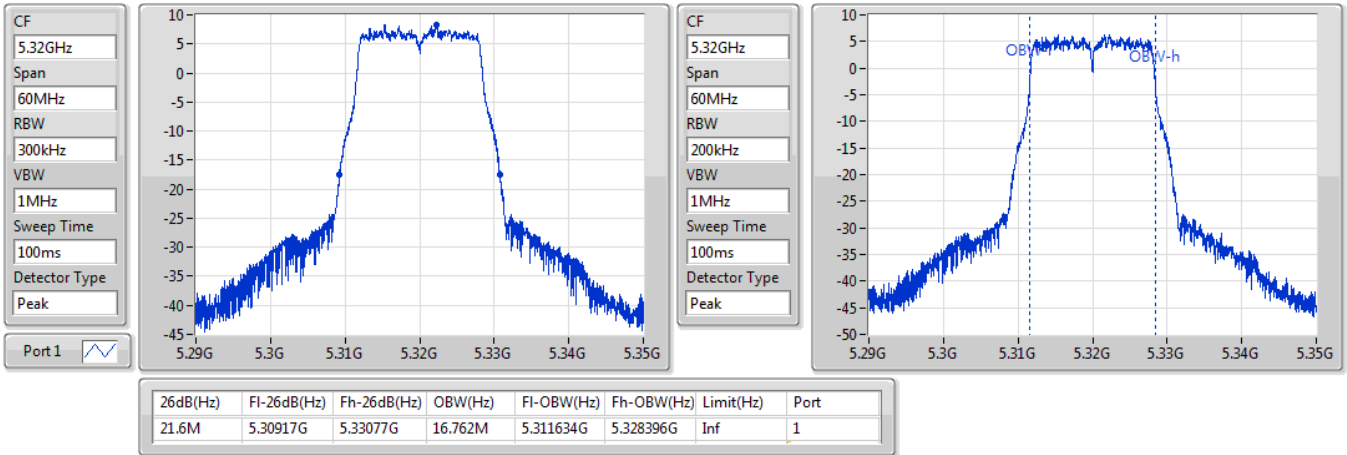


802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

02/12/2019

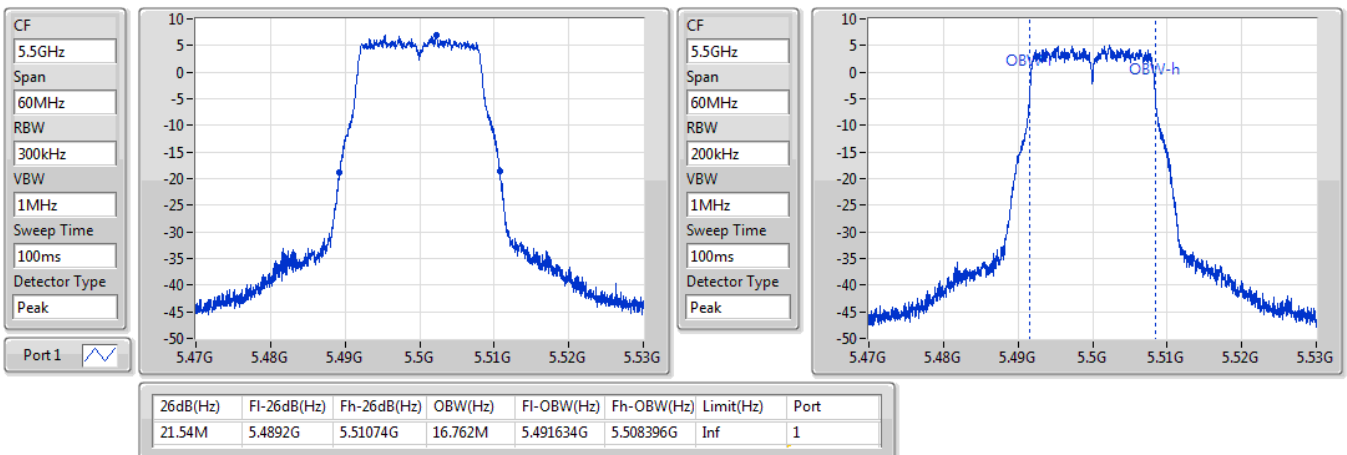


802.11a_Nss1,(6Mbps)_1TX

EBW

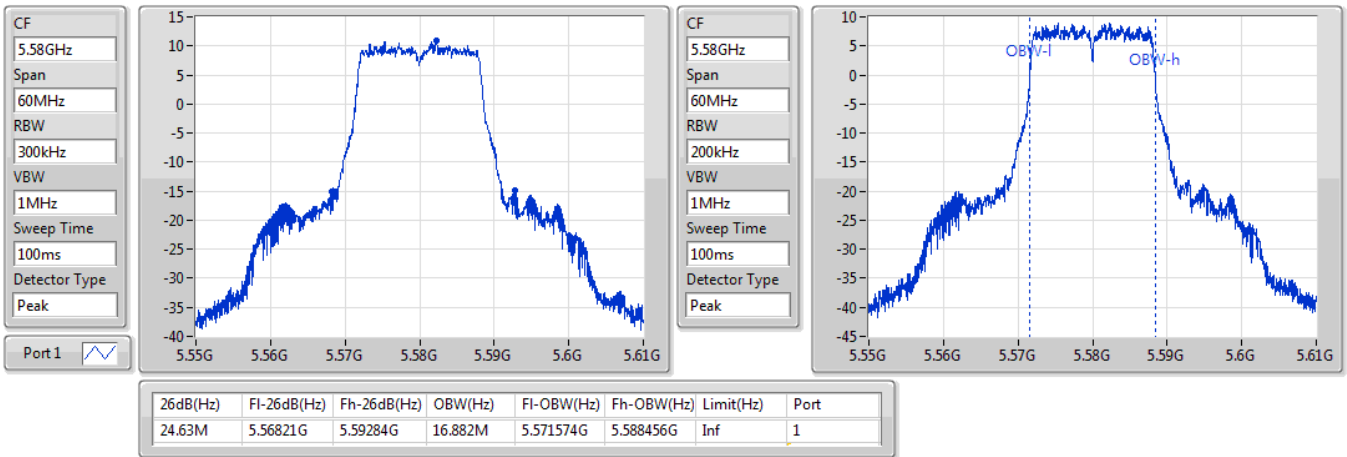
5500MHz

02/12/2019

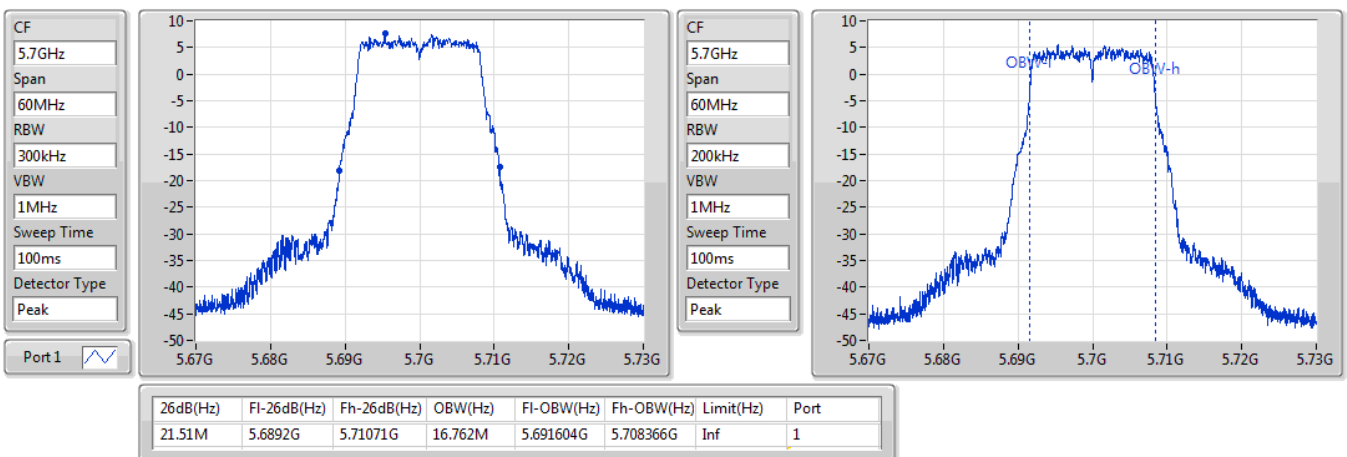


802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

02/12/2019

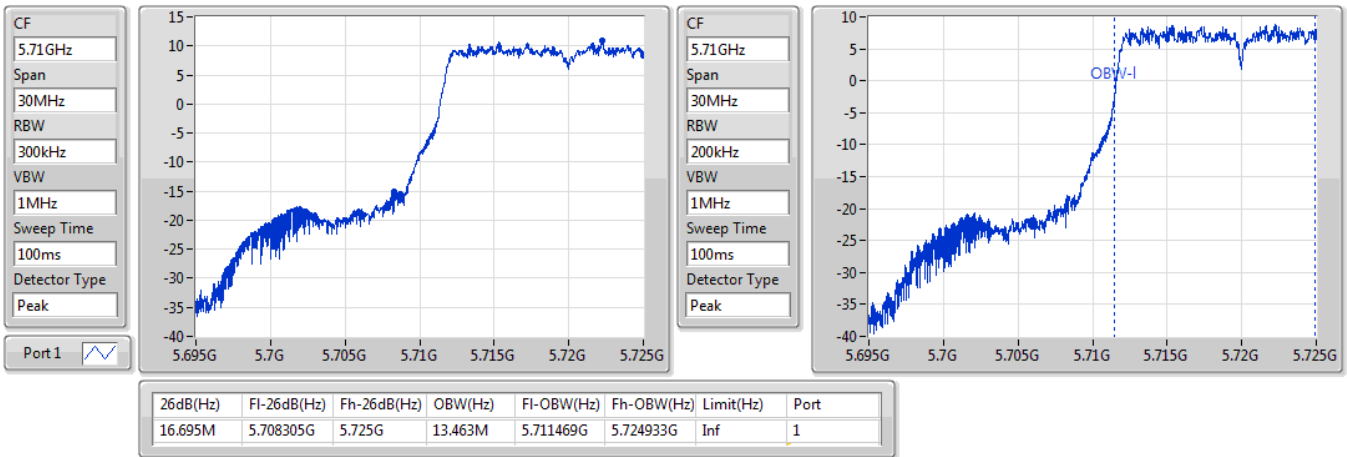

802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

02/12/2019

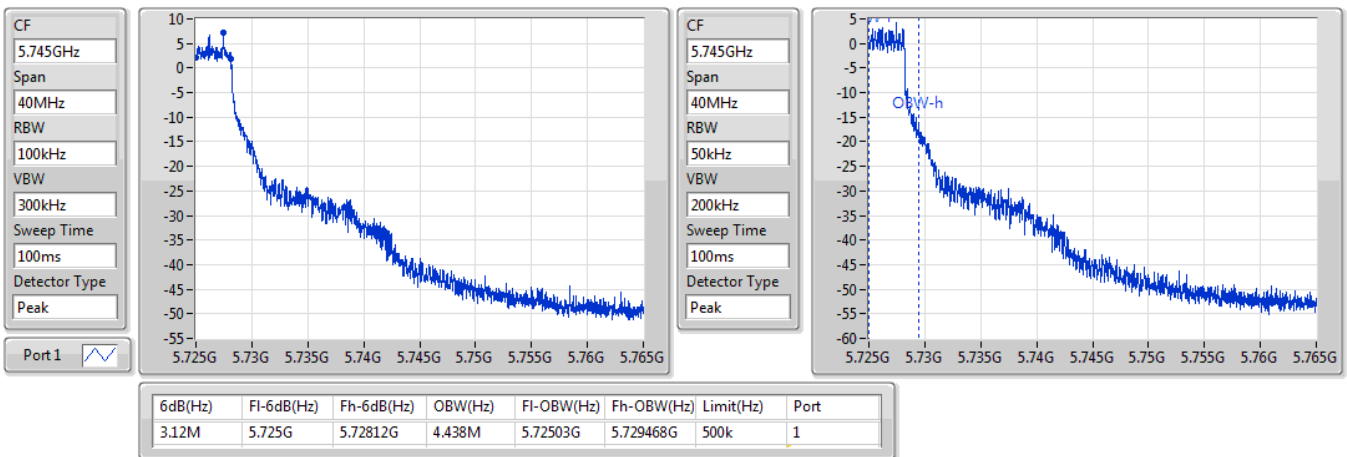


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/12/2019


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/12/2019

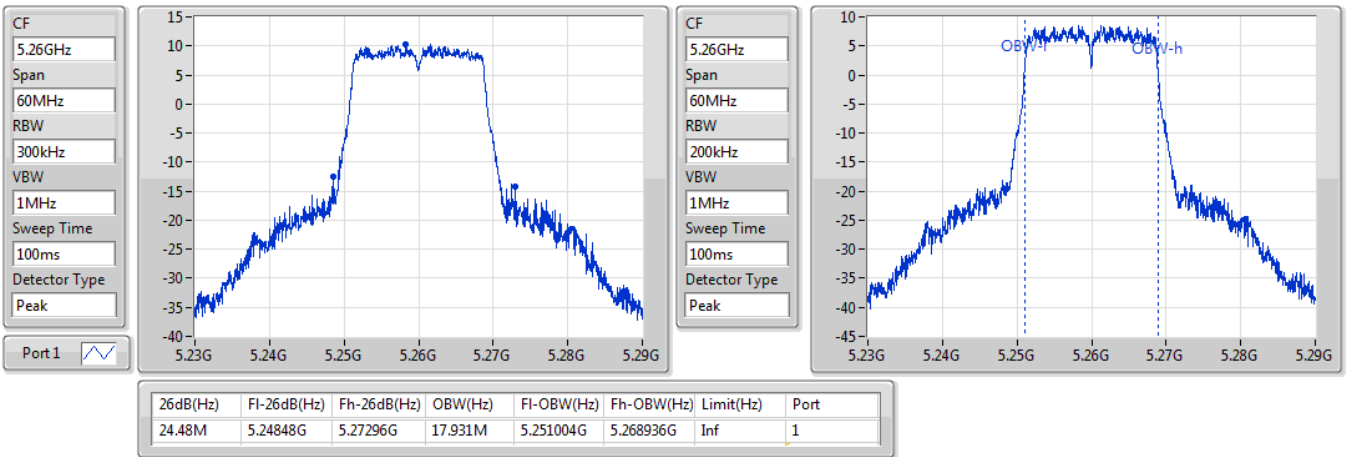


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

02/12/2019

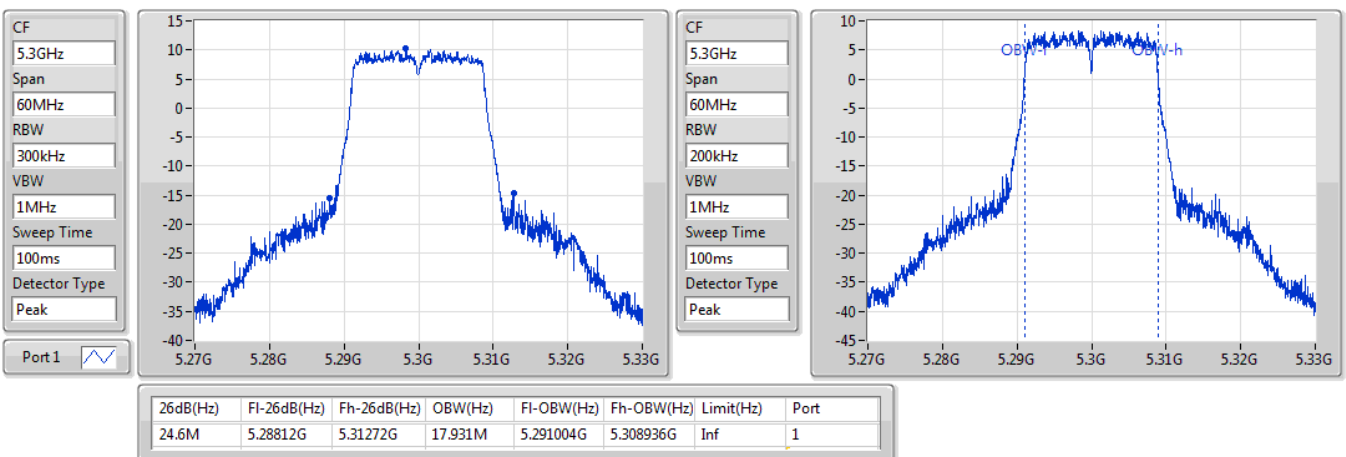


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

02/12/2019

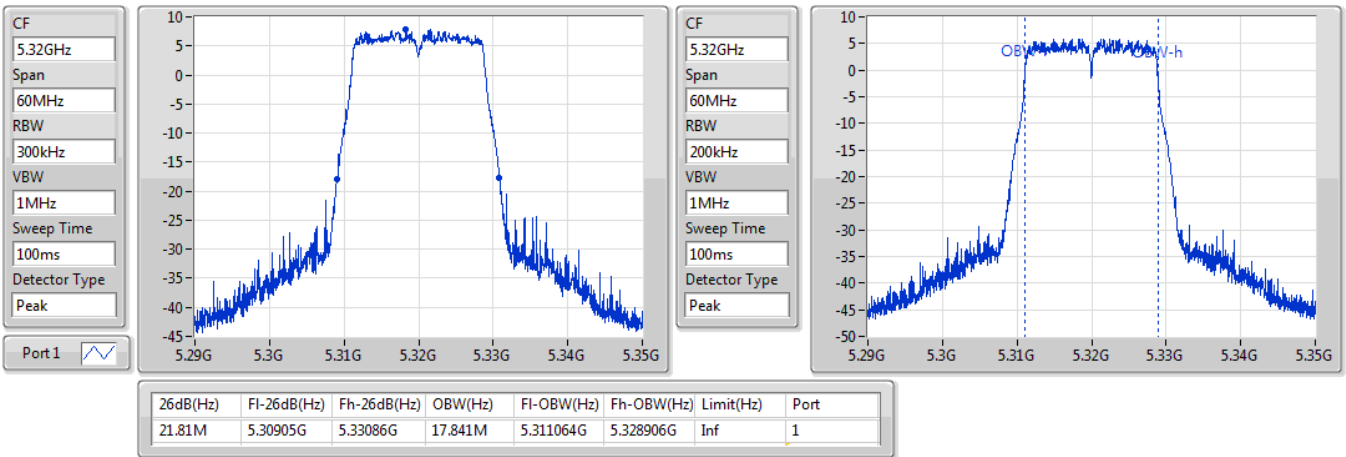


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

02/12/2019

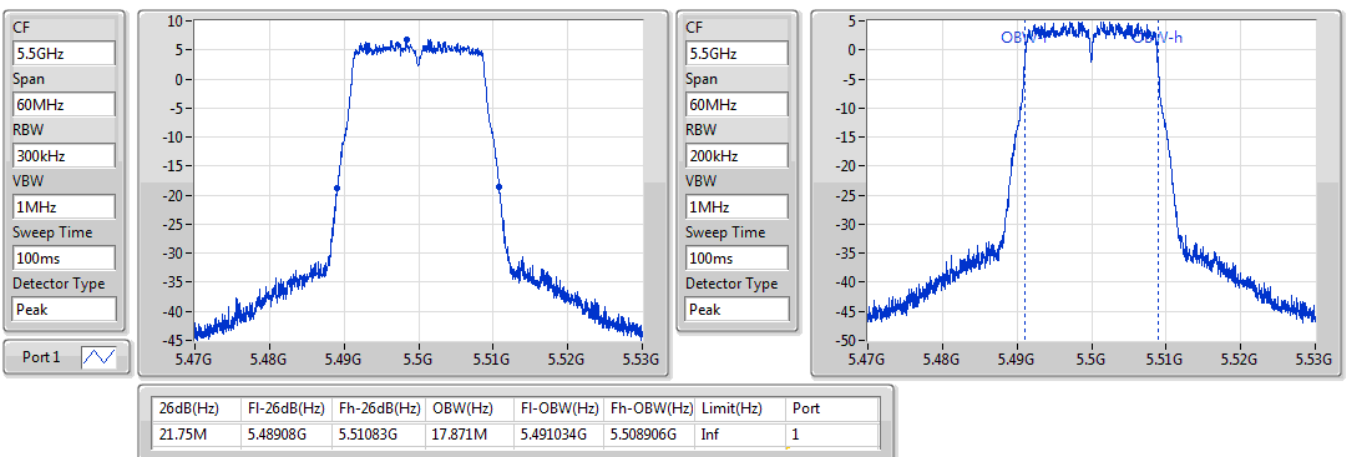


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

02/12/2019

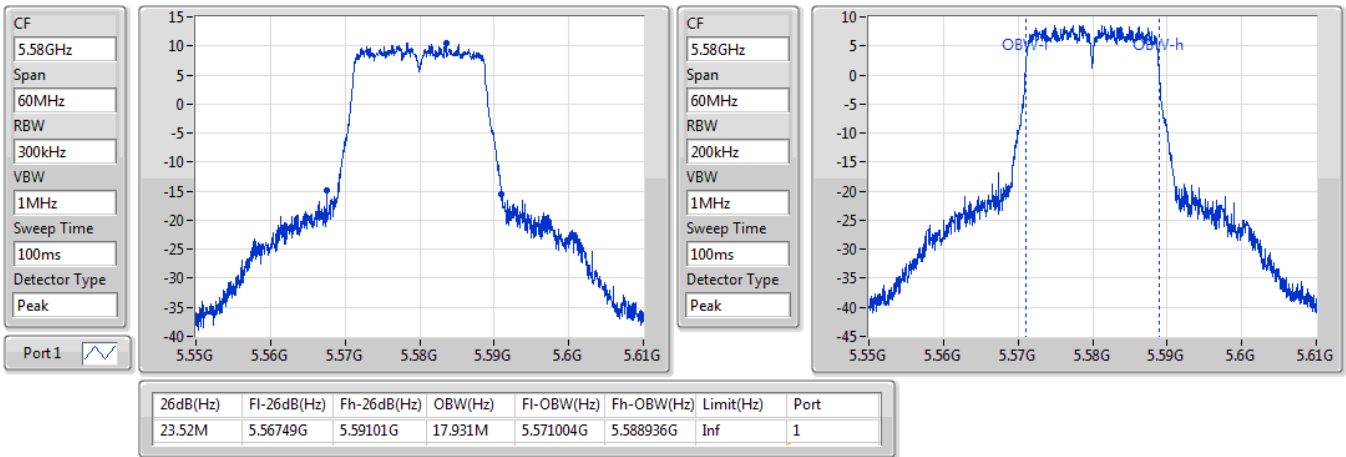


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

02/12/2019

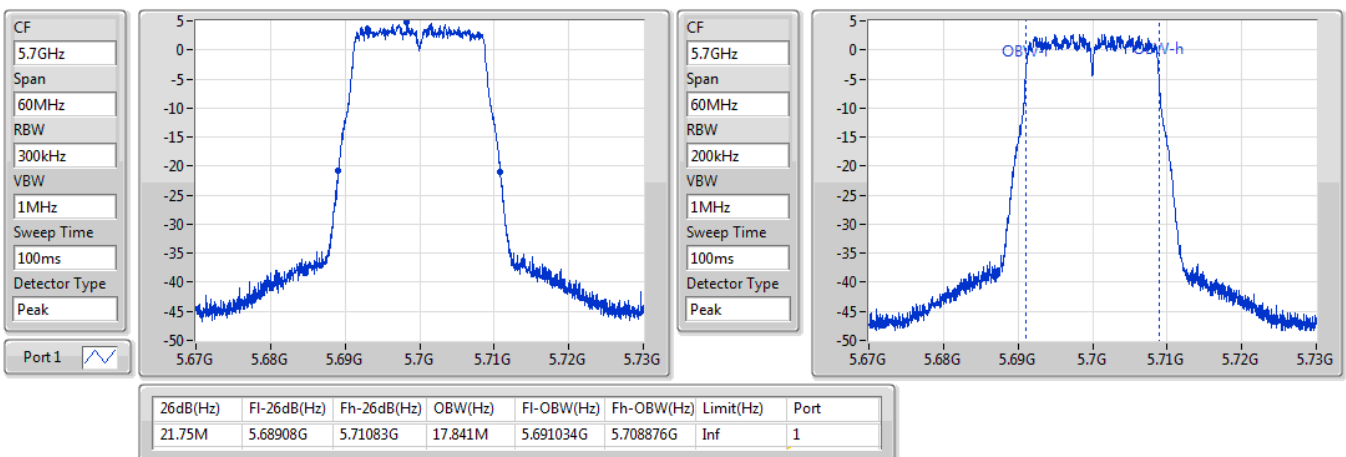


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

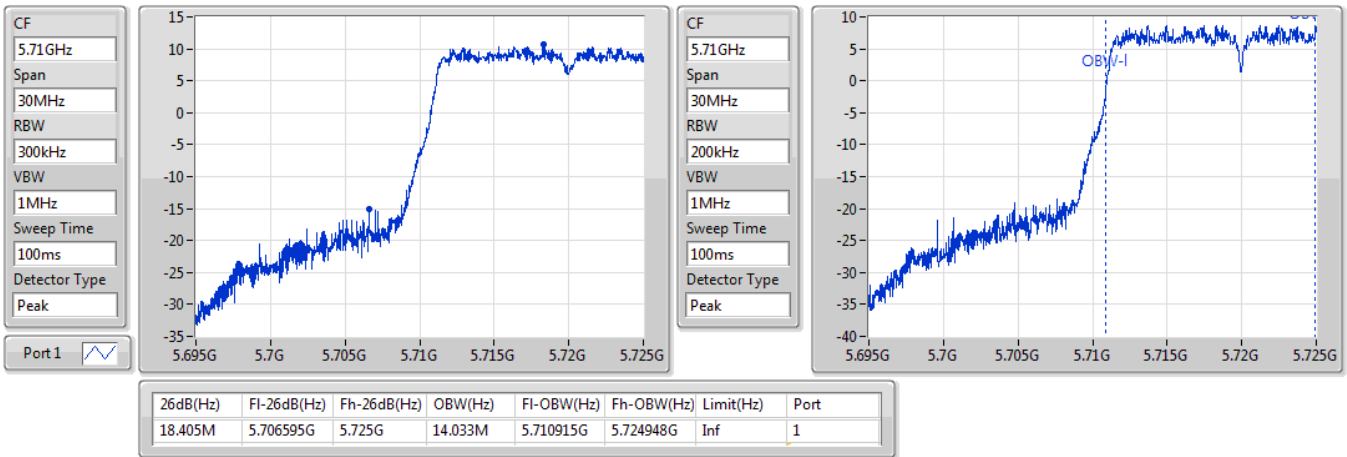
5700MHz

02/12/2019

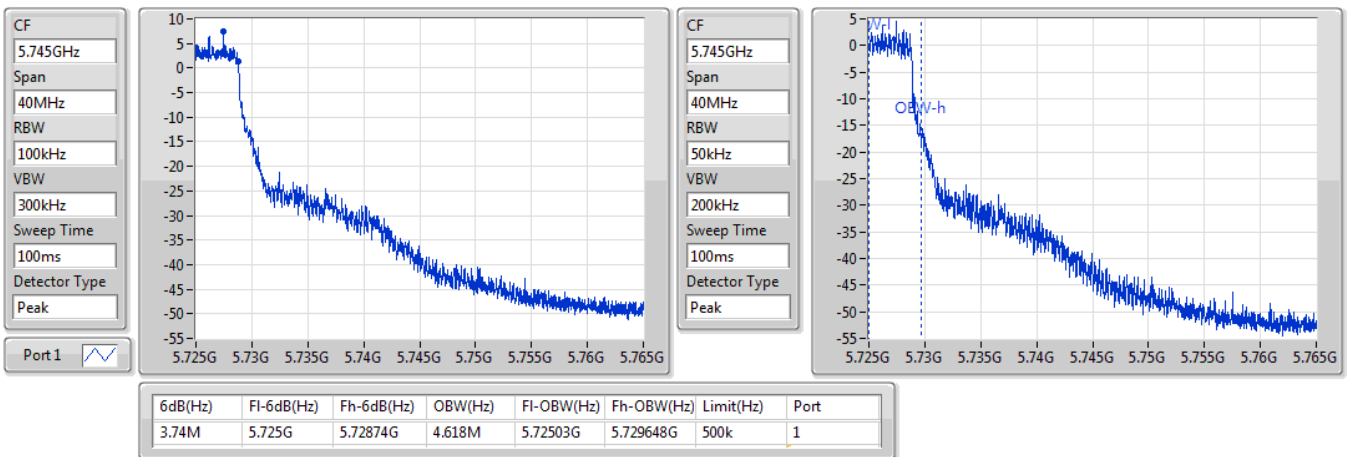


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/12/2019


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/12/2019

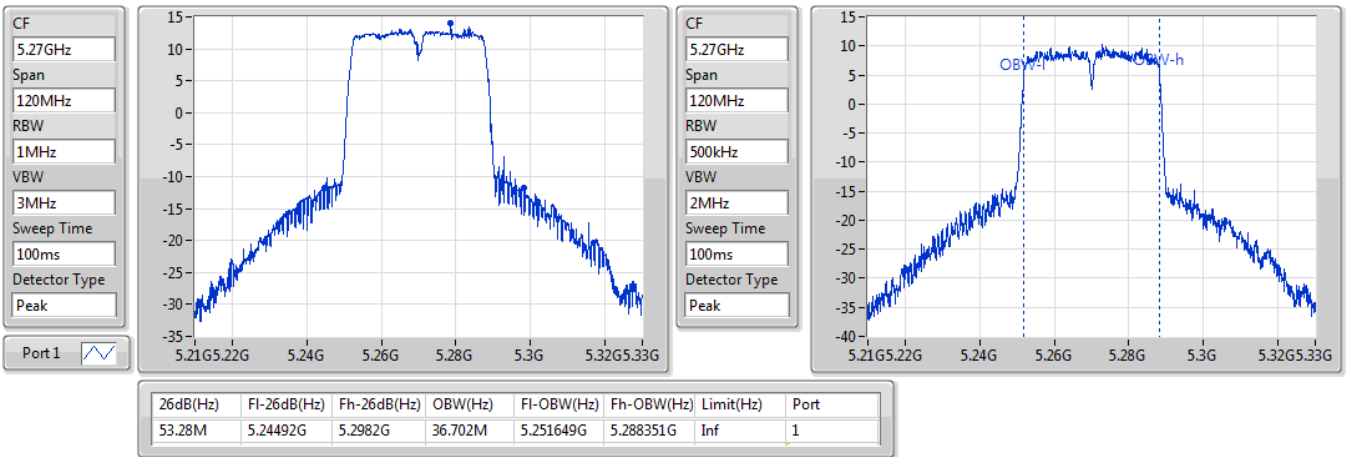


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

02/12/2019

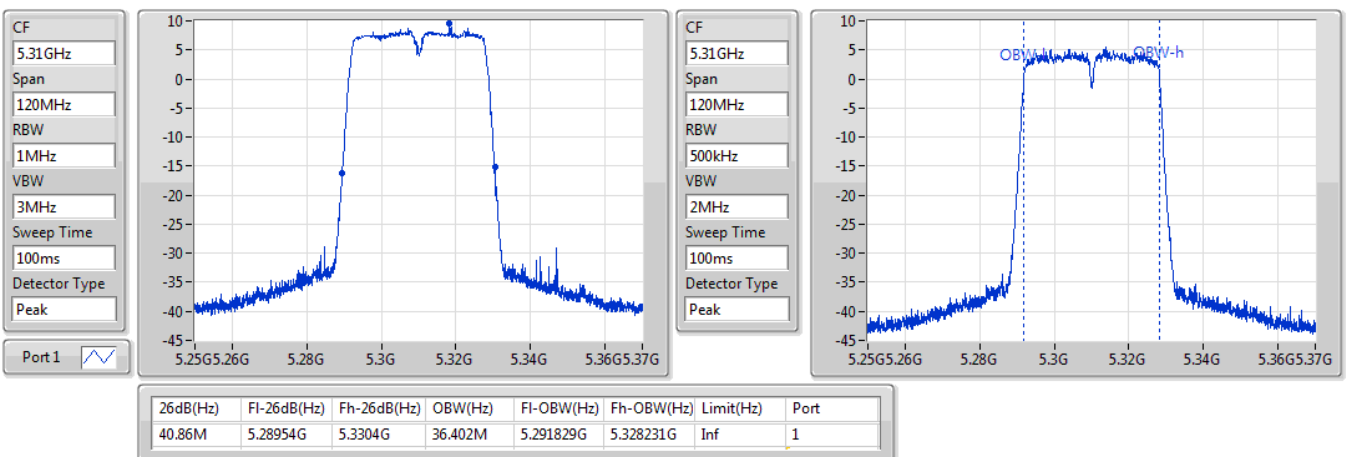


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

02/12/2019

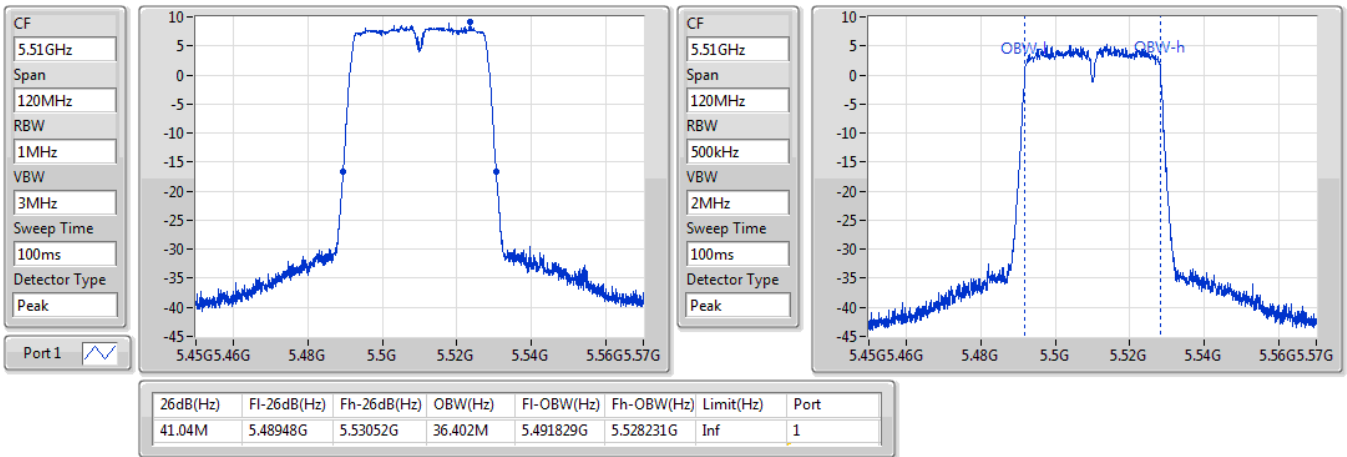


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

02/12/2019

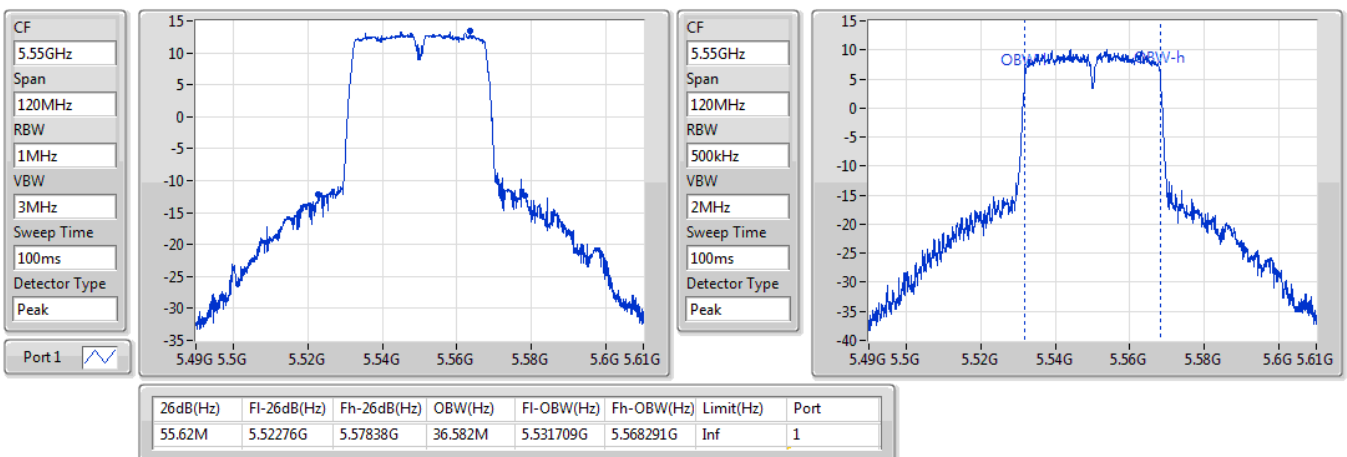


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5550MHz

02/12/2019

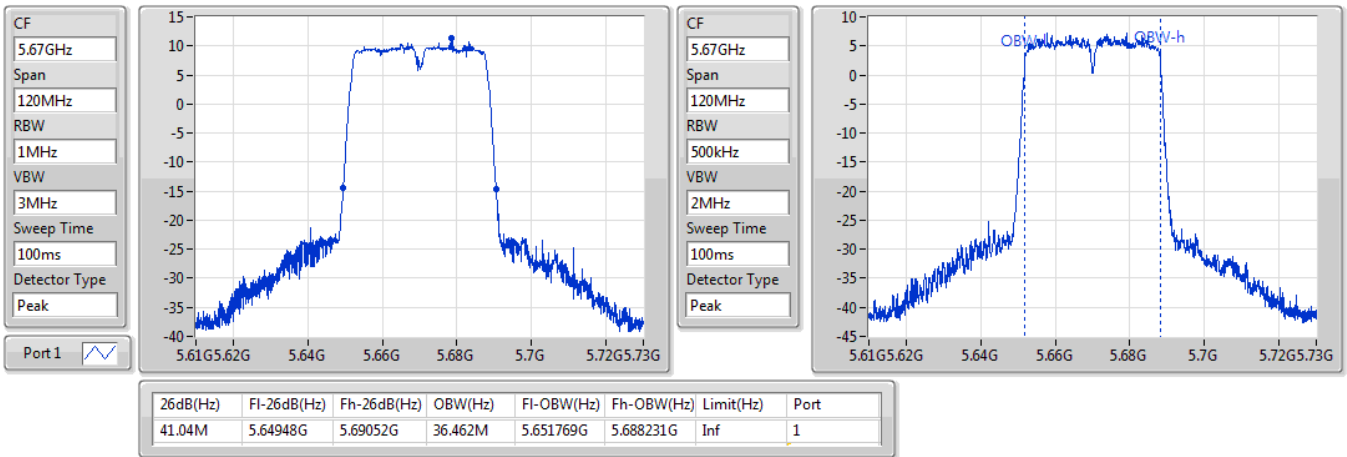


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5670MHz

02/12/2019

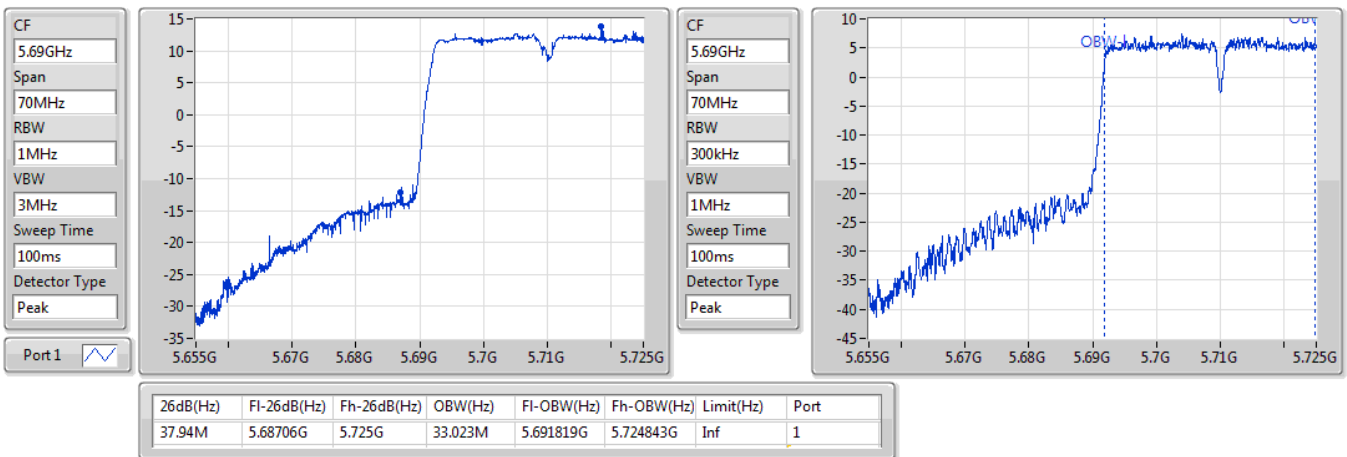


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/12/2019

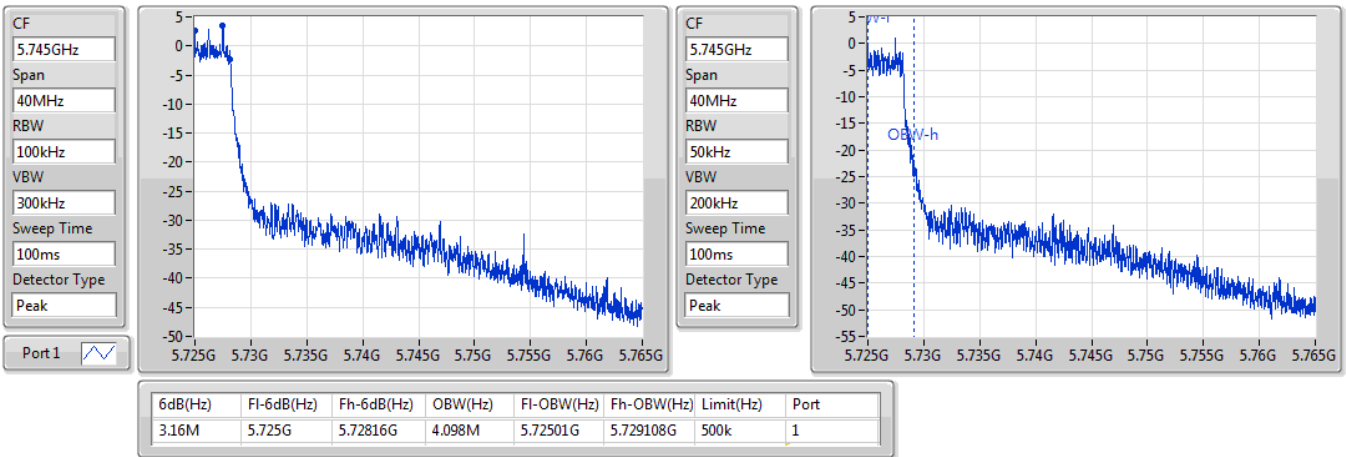


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/12/2019

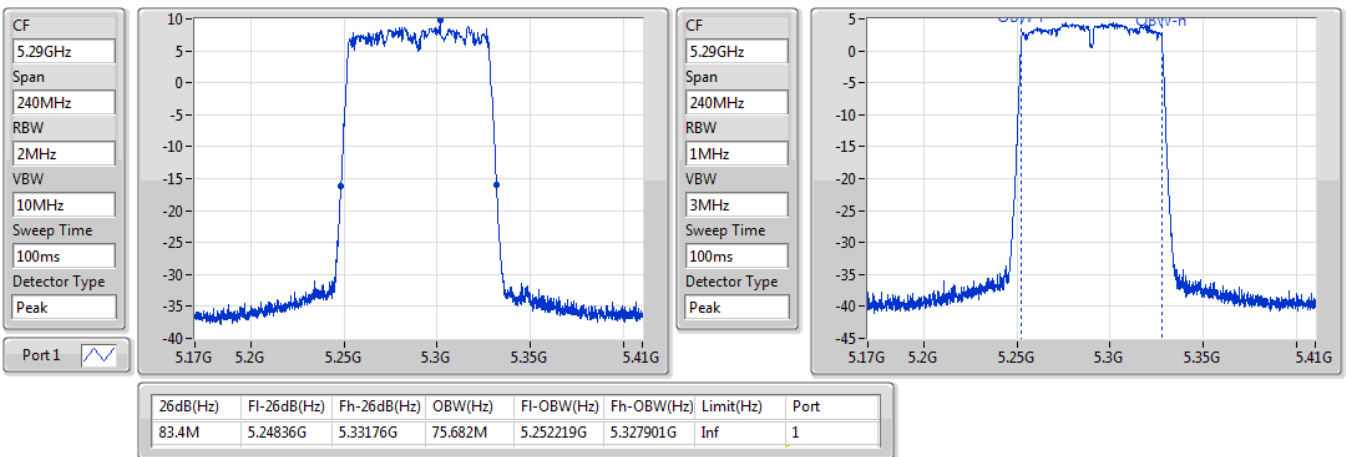


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

02/12/2019

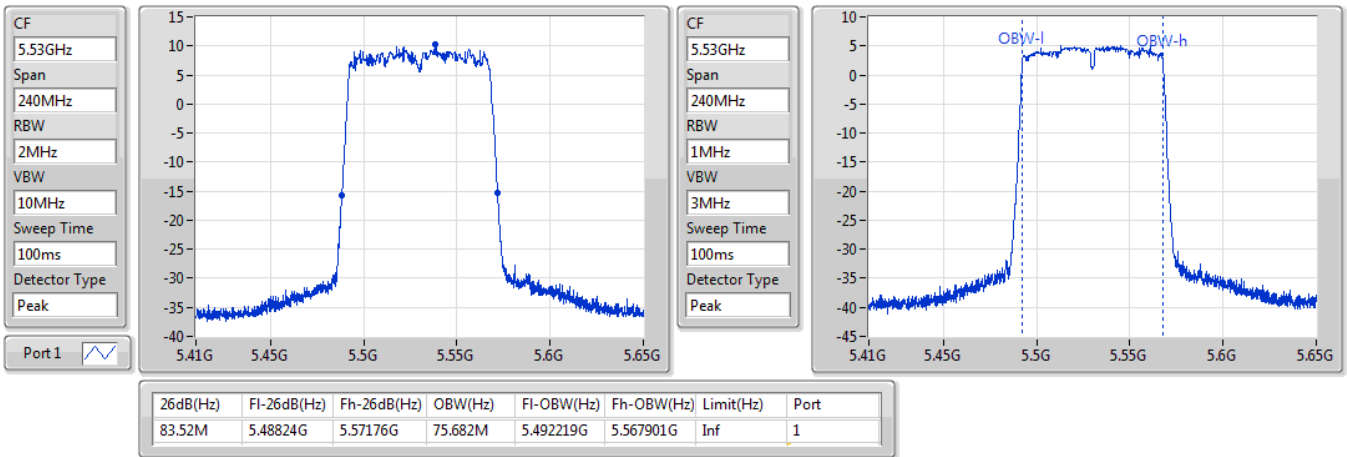


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

02/12/2019

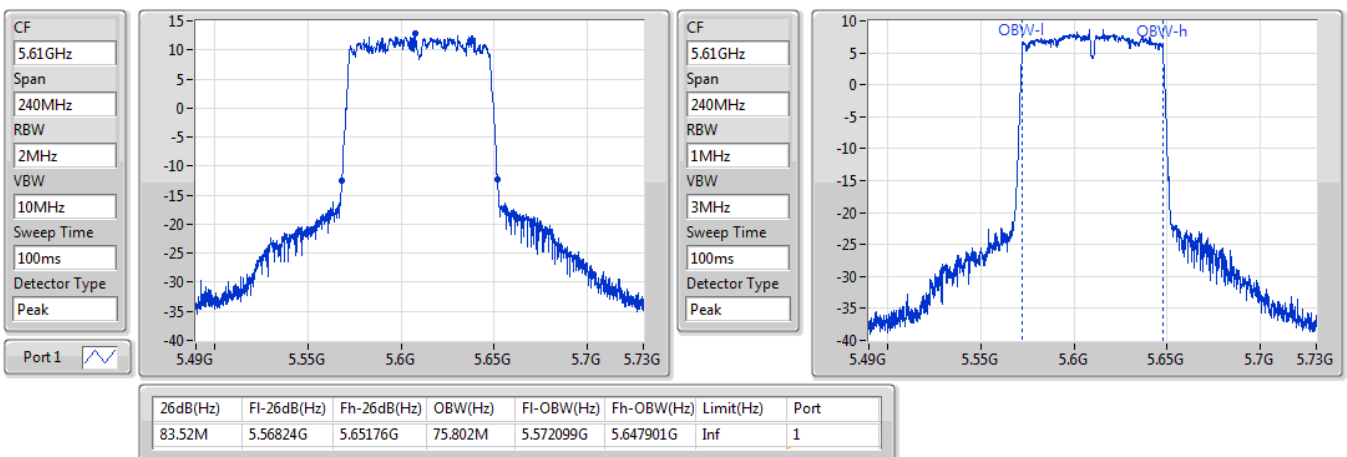


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

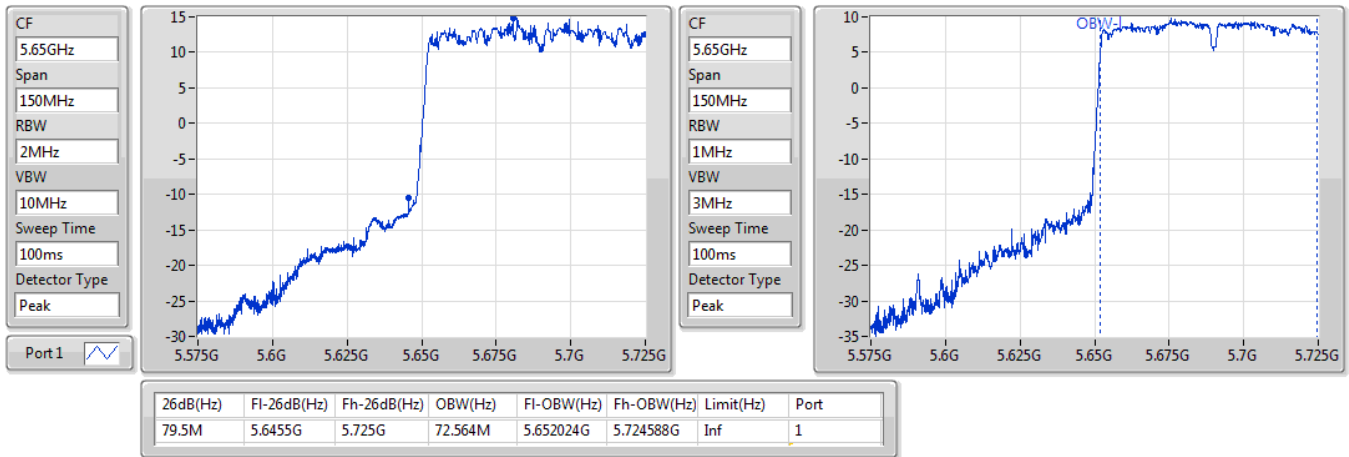
5610MHz

02/12/2019

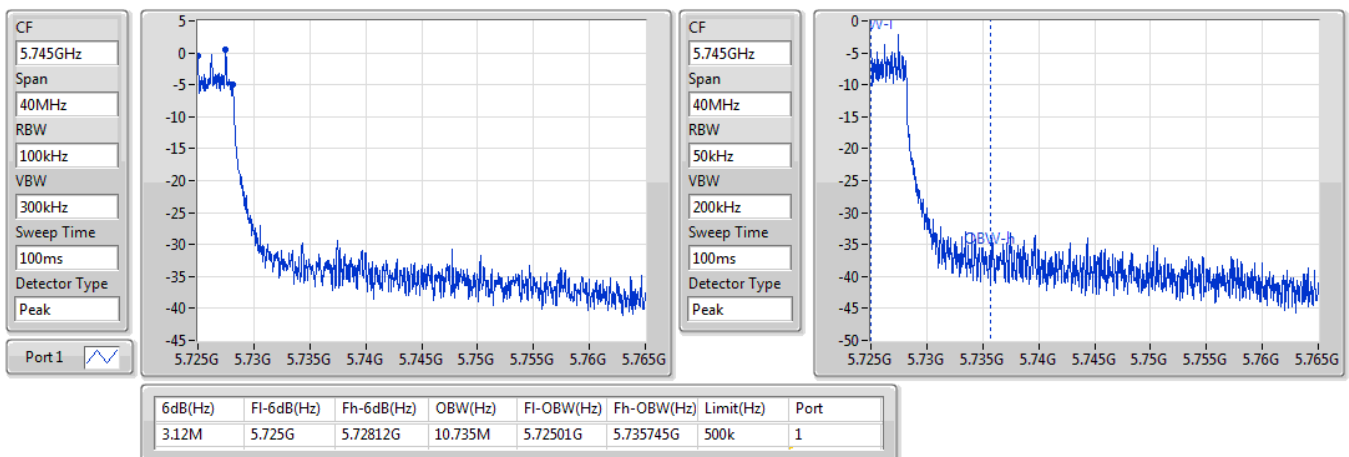


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/12/2019


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/12/2019

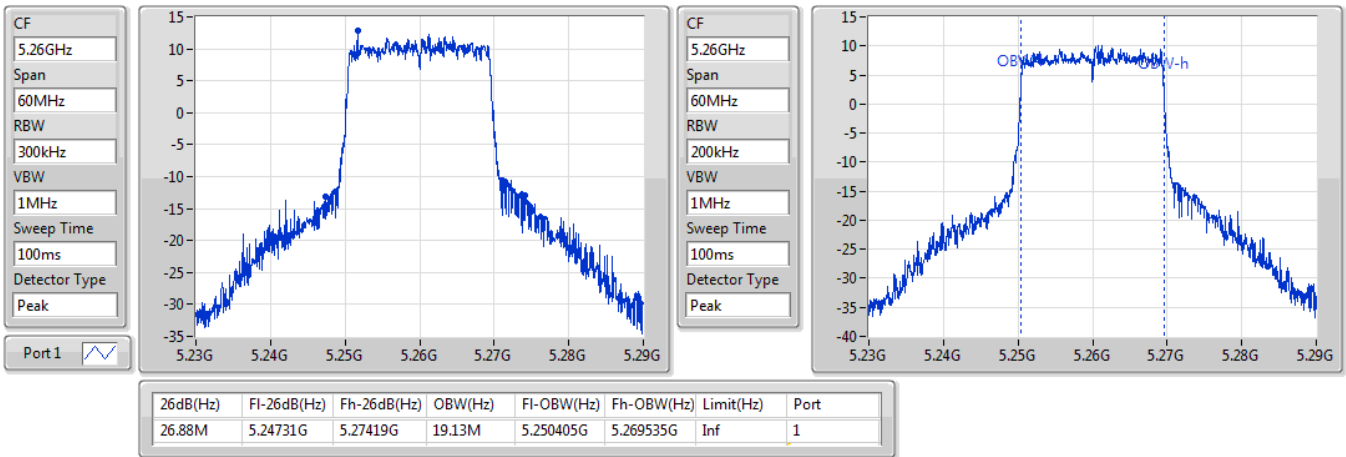


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

02/12/2019

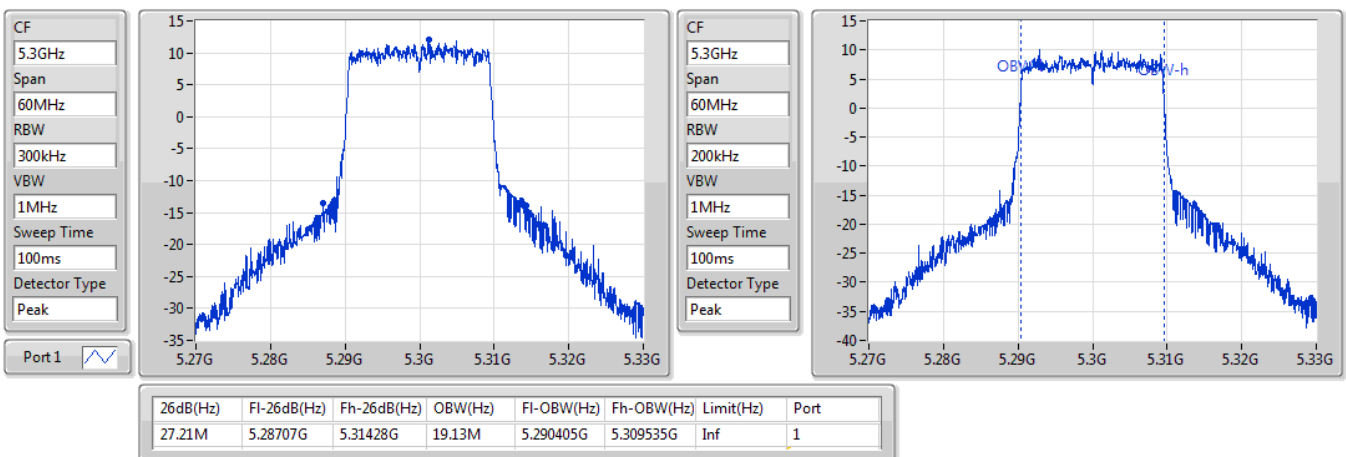


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

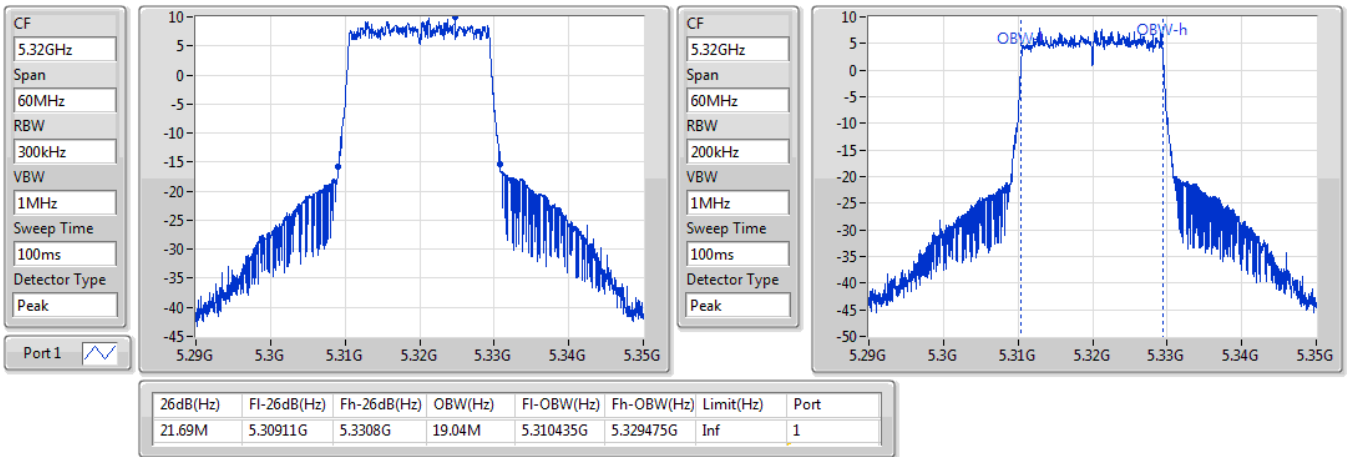
5300MHz

02/12/2019

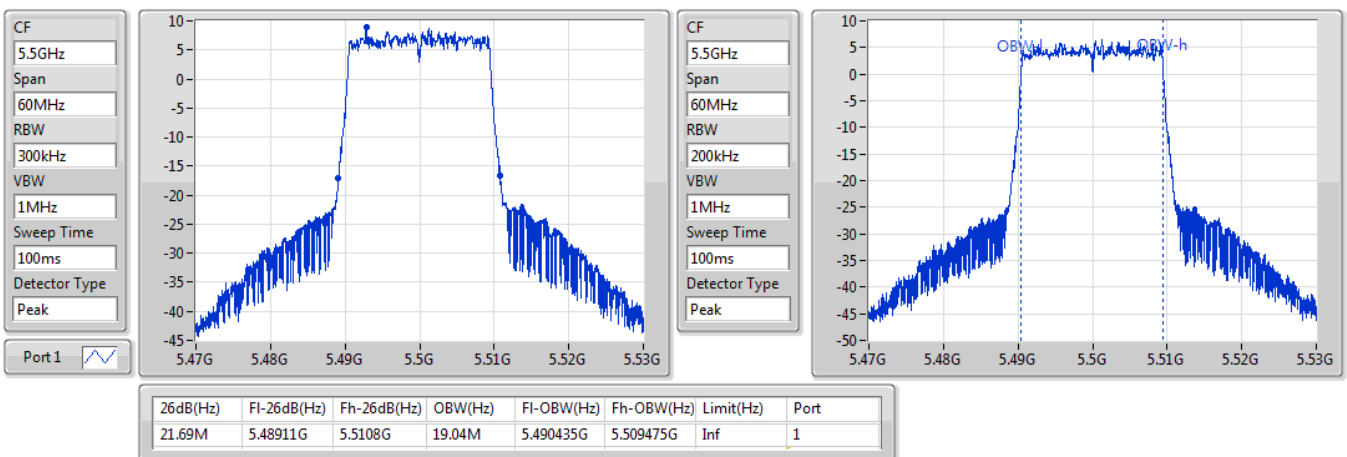


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5320MHz

02/12/2019

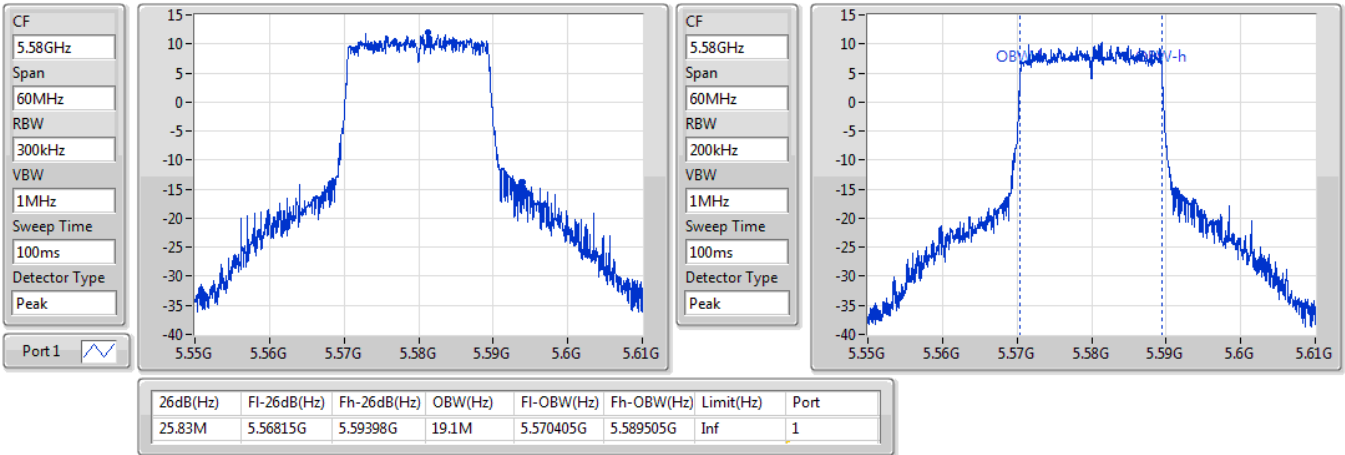

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5500MHz

02/12/2019

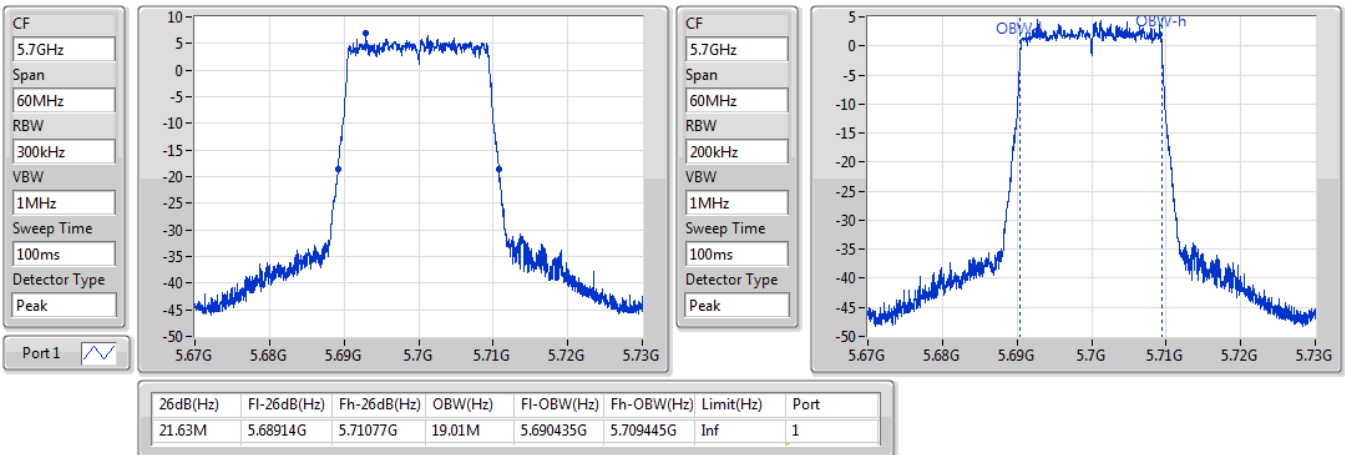


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5580MHz

02/12/2019

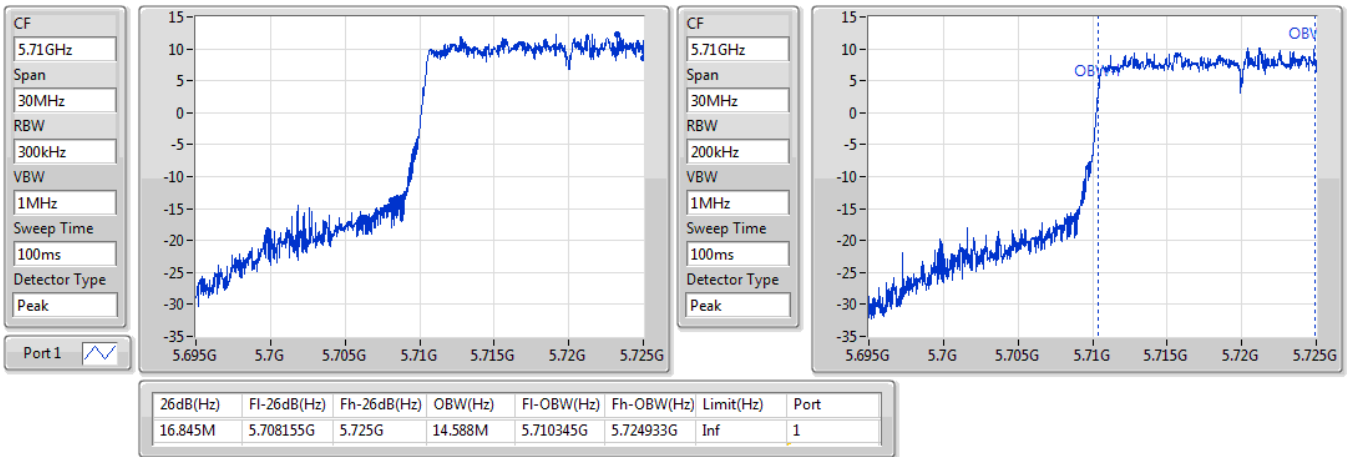

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5700MHz

02/12/2019

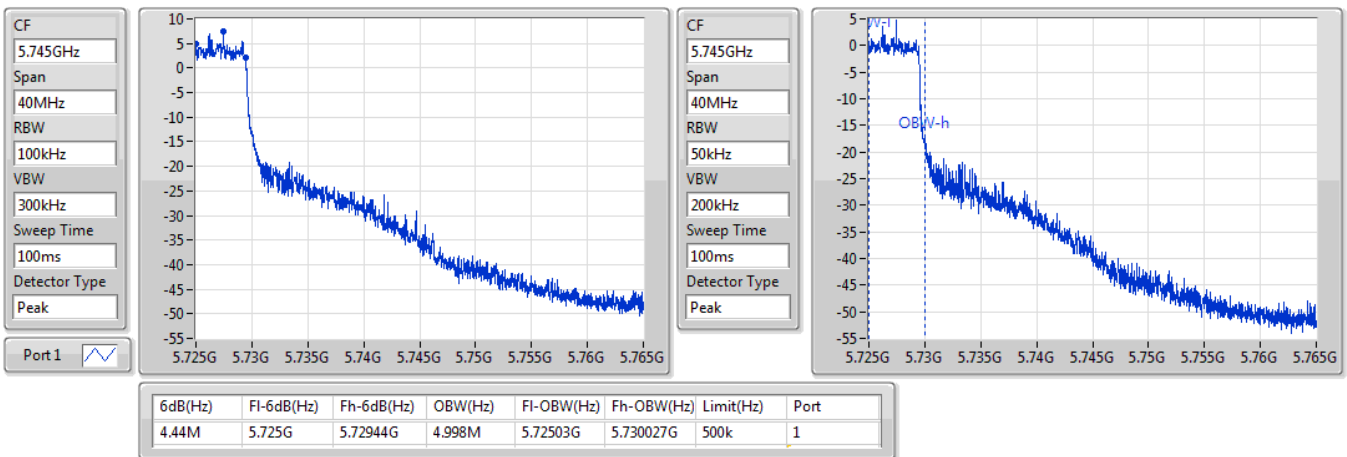


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/12/2019


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/12/2019

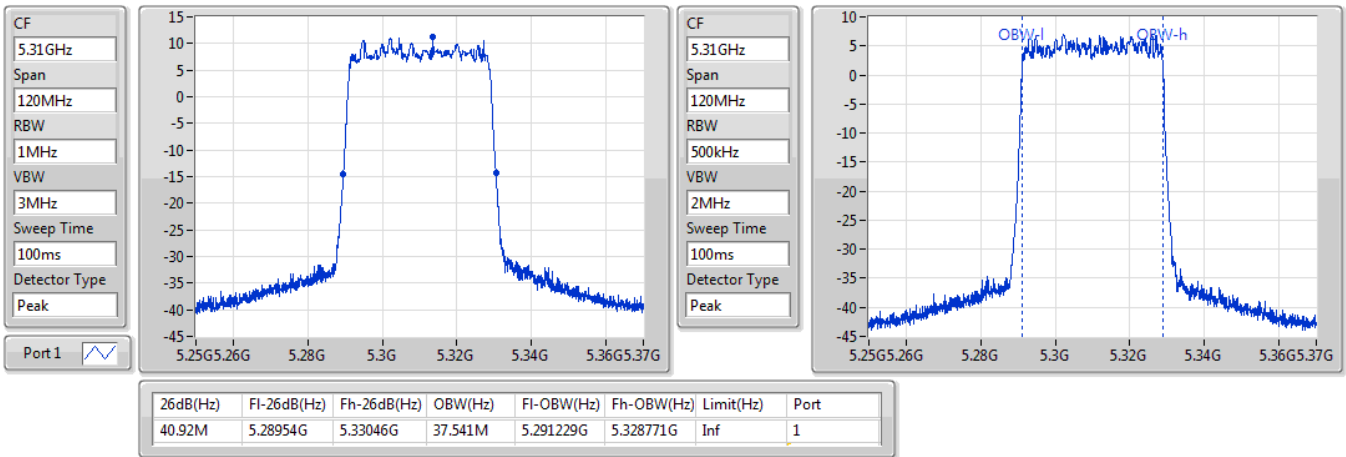


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

02/12/2019

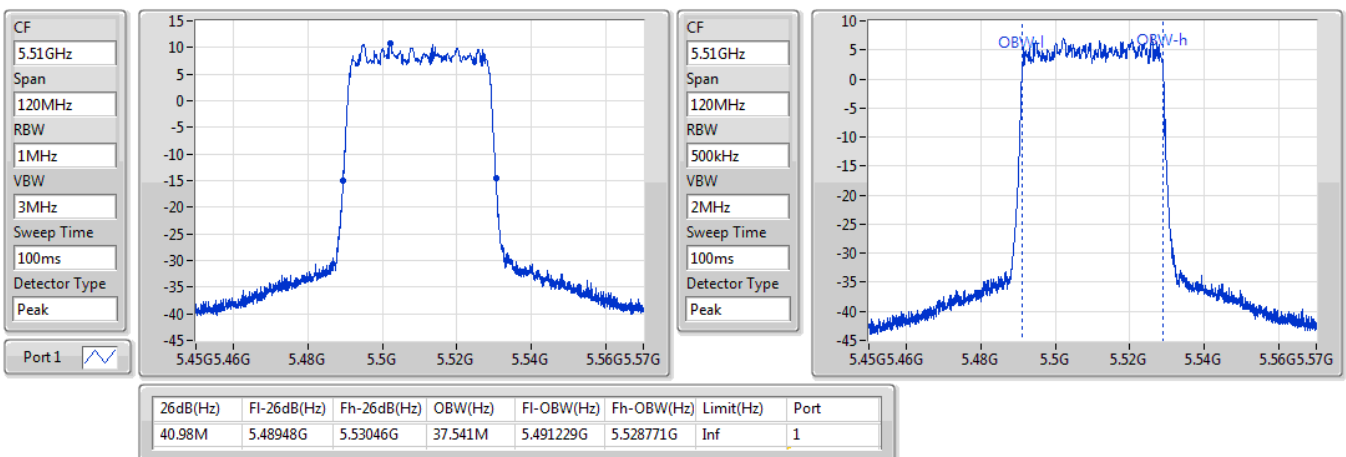


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

02/12/2019

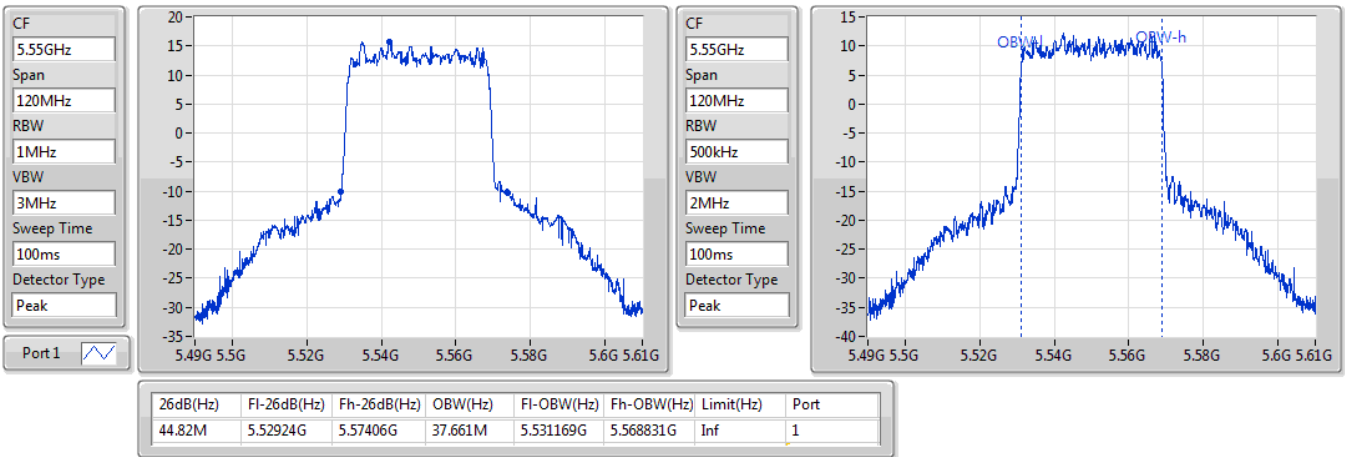


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

02/12/2019

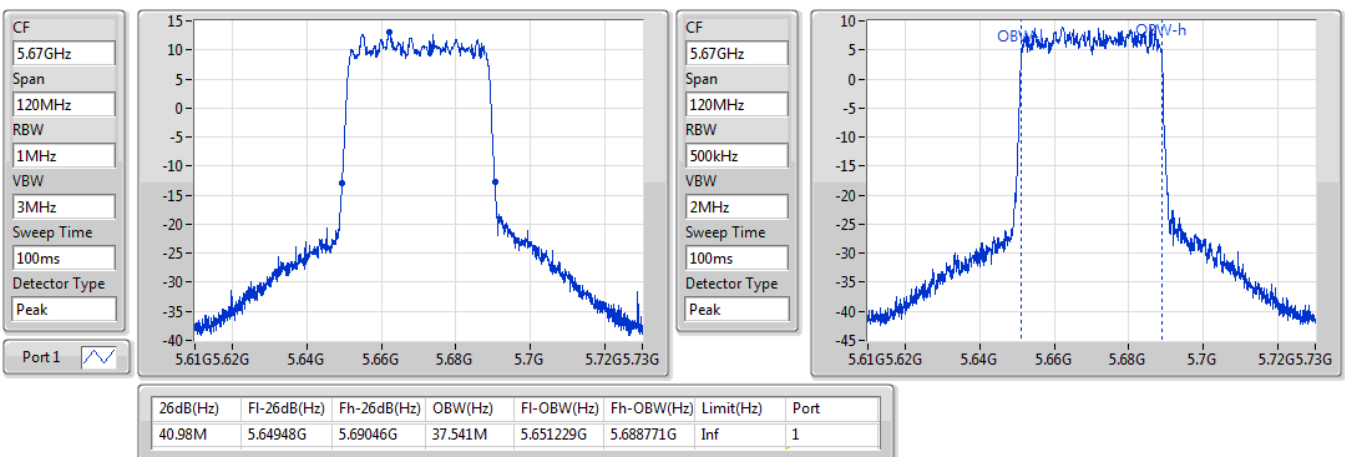


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

02/12/2019

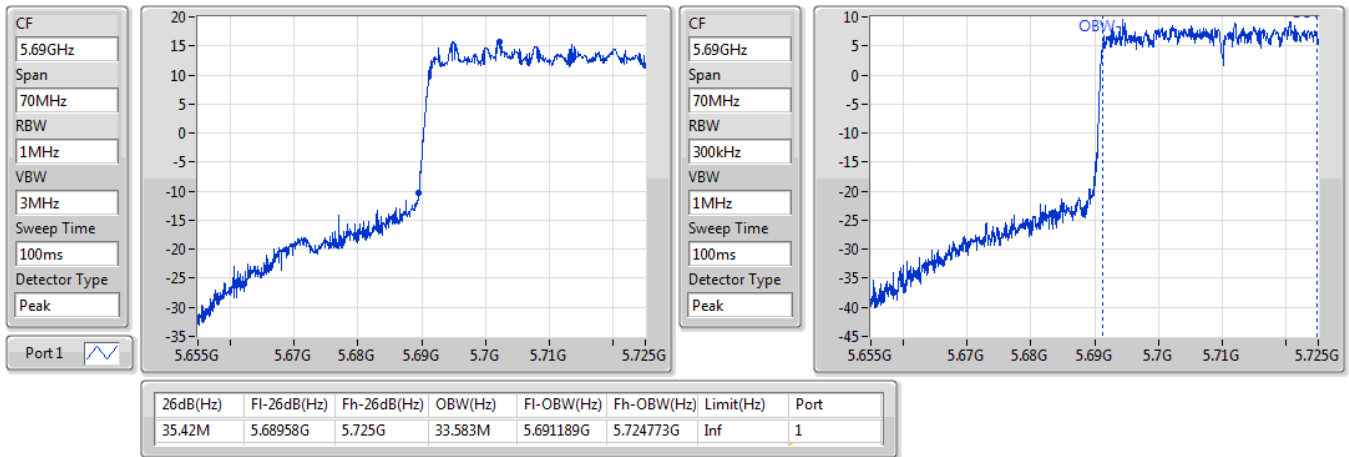


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/12/2019

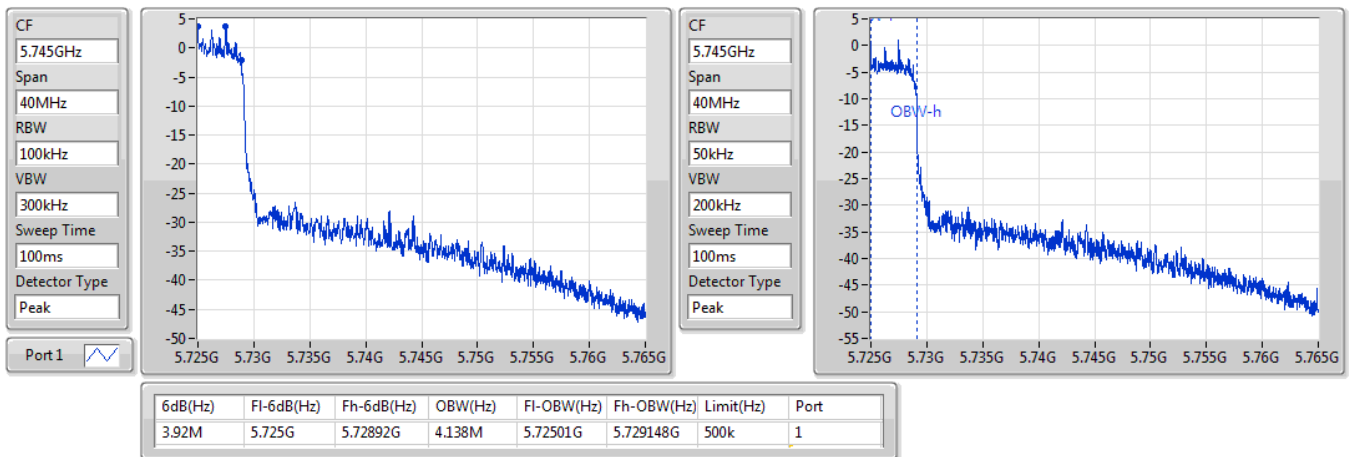


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/12/2019

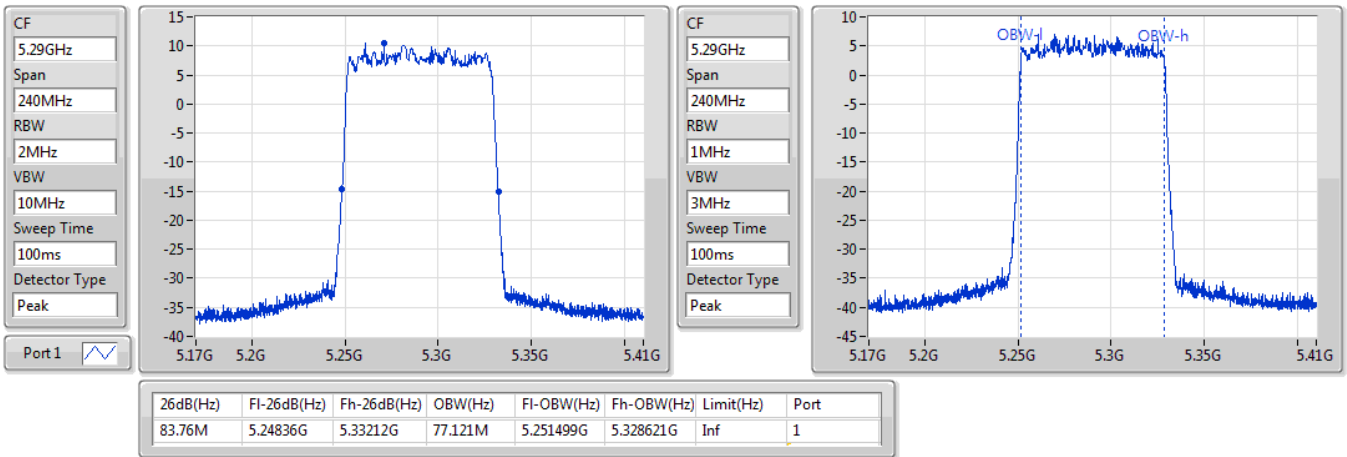


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

02/12/2019

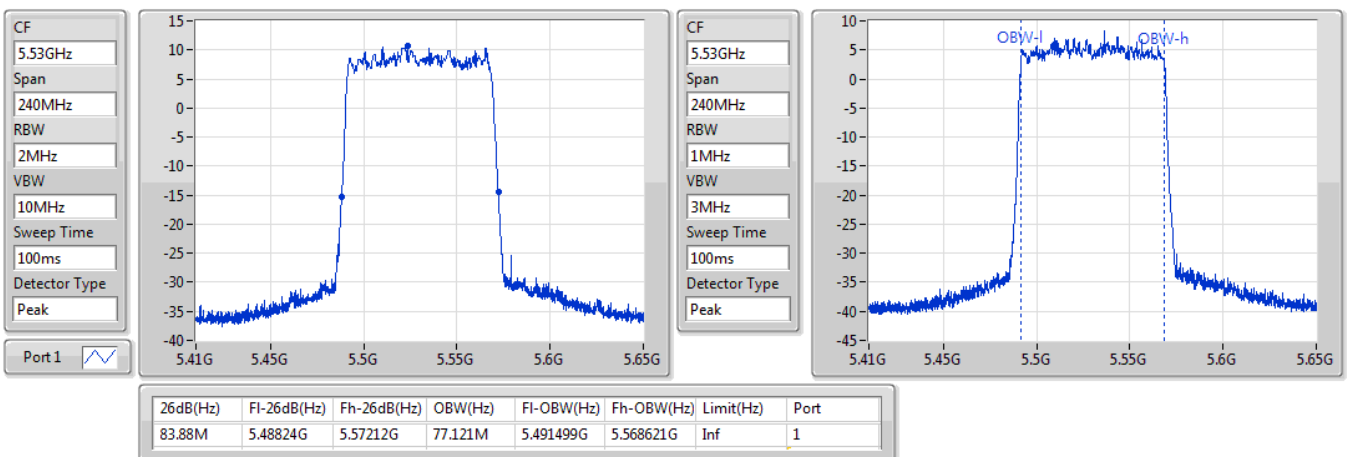


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

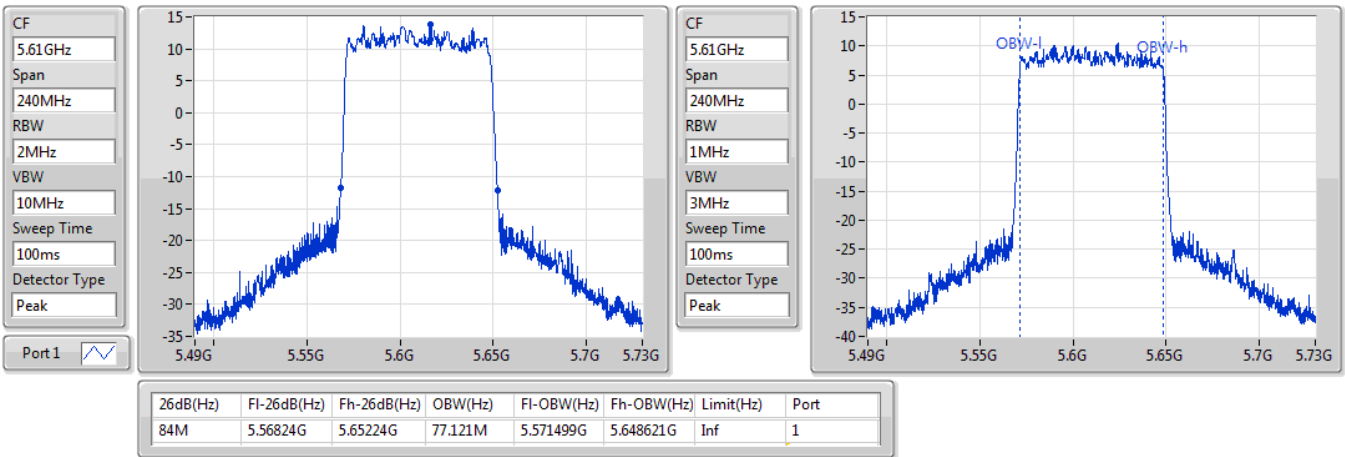
5530MHz

02/12/2019

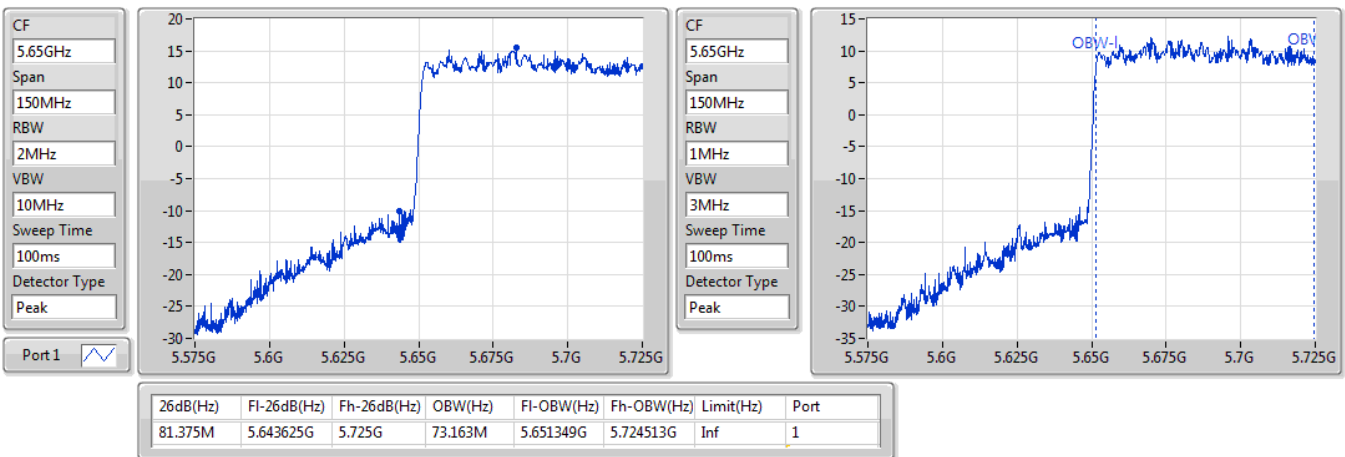


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5610MHz

02/12/2019


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/12/2019

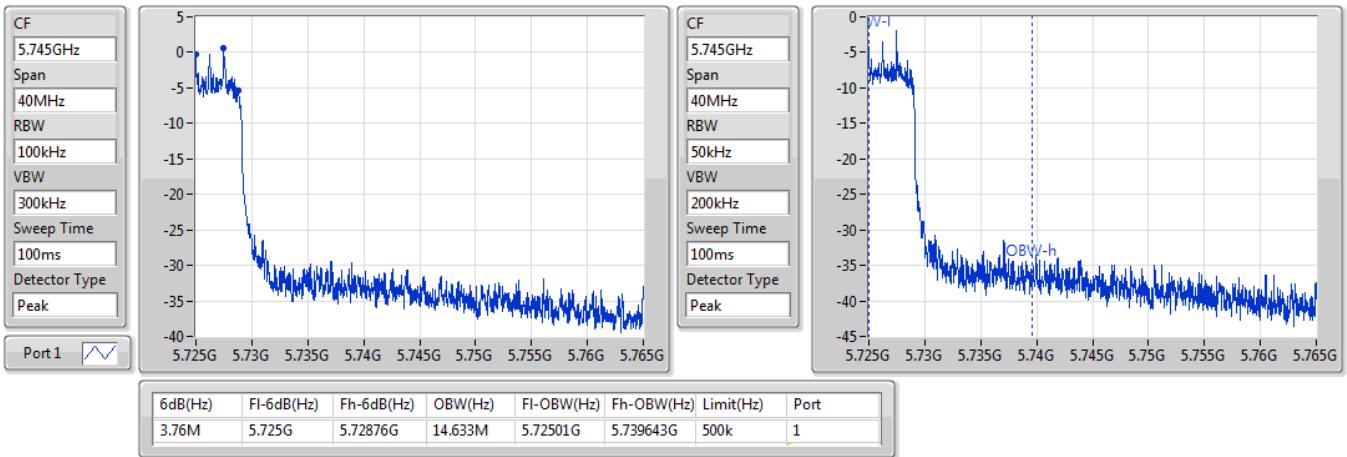


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.57M	16.762M	16M8D1D	21.33M	16.642M
802.11ac VHT20_Nss2,(MCS0)_2TX	21.93M	17.901M	17M9D1D	21.63M	17.781M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.98M	36.402M	36M4D1D	40.8M	36.282M
802.11ac VHT80_Nss2,(MCS0)_2TX	83.04M	75.802M	75M8D1D	82.92M	75.802M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.9M	19.04M	19M0D1D	21.45M	19.01M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.92M	37.601M	37M6D1D	40.62M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	83.52M	77.121M	77M1D1D	83.28M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.48M	16.762M	16M8D1D	15.645M	13.358M
802.11ac VHT20_Nss2,(MCS0)_2TX	21.96M	17.871M	17M9D1D	15.93M	13.988M
802.11ac VHT40_Nss2,(MCS0)_2TX	41.16M	36.402M	36M4D1D	35.63M	32.954M
802.11ac VHT80_Nss2,(MCS0)_2TX	83.16M	75.802M	75M8D1D	76.35M	72.489M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.96M	19.04M	19M0D1D	15.81M	14.498M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.86M	37.601M	37M6D1D	35.385M	33.583M
802.11ax HEW80_Nss2,(MCS0)_2TX	83.4M	77.121M	77M1D1D	76.275M	73.013M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.16M	4.018M	4M02D1D	3.14M	3.958M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.76M	4.378M	4M38D1D	3.74M	4.298M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.12M	3.618M	3M62D1D	3.12M	3.538M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.12M	3.678M	3M68D1D	3.12M	3.658M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.46M	4.578M	4M58D1D	4.44M	4.558M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.76M	4.038M	4M04D1D	3.74M	4.038M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.78M	4.098M	4M10D1D	3.72M	4.078M

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	21.54M	16.762M	21.33M	16.642M
5300MHz	Pass	Inf	21.57M	16.732M	21.33M	16.642M
5320MHz	Pass	Inf	21.45M	16.762M	21.33M	16.672M
5500MHz	Pass	Inf	21.42M	16.732M	21.3M	16.672M
5580MHz	Pass	Inf	21.48M	16.762M	21.36M	16.672M
5700MHz	Pass	Inf	21.36M	16.762M	21.3M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	13.358M	15.645M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.018M	3.14M	3.958M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.9M	17.871M	21.63M	17.811M
5300MHz	Pass	Inf	21.93M	17.901M	21.72M	17.781M
5320MHz	Pass	Inf	21.9M	17.901M	21.63M	17.811M
5500MHz	Pass	Inf	21.93M	17.871M	21.81M	17.781M
5580MHz	Pass	Inf	21.93M	17.871M	21.66M	17.811M
5700MHz	Pass	Inf	21.96M	17.871M	21.66M	17.811M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.96M	14.018M	15.93M	13.988M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.298M	3.76M	4.378M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.8M	36.402M	40.92M	36.282M
5310MHz	Pass	Inf	40.92M	36.342M	40.98M	36.342M
5510MHz	Pass	Inf	40.92M	36.402M	40.98M	36.282M
5550MHz	Pass	Inf	40.8M	36.402M	40.98M	36.342M
5670MHz	Pass	Inf	41.04M	36.342M	41.16M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.63M	32.954M	35.665M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.538M	3.12M	3.618M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.92M	75.802M	83.04M	75.802M
5530MHz	Pass	Inf	82.92M	75.802M	83.04M	75.802M
5610MHz	Pass	Inf	83.04M	75.802M	83.16M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	72.489M	76.725M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.678M	3.12M	3.658M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.9M	19.01M	21.51M	19.01M
5300MHz	Pass	Inf	21.78M	19.01M	21.45M	19.01M
5320MHz	Pass	Inf	21.84M	19.01M	21.57M	19.04M
5500MHz	Pass	Inf	21.96M	19.04M	21.45M	19.04M
5580MHz	Pass	Inf	21.84M	19.01M	21.51M	19.04M
5700MHz	Pass	Inf	21.9M	19.01M	21.15M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.005M	14.528M	15.81M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.558M	4.44M	4.578M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.86M	37.601M	40.62M	37.481M
5310MHz	Pass	Inf	40.92M	37.601M	40.68M	37.481M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5510MHz	Pass	Inf	40.68M	37.601M	40.56M	37.541M
5550MHz	Pass	Inf	40.86M	37.601M	40.62M	37.541M
5670MHz	Pass	Inf	40.8M	37.601M	40.74M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.455M	33.688M	35.385M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.038M	3.76M	4.038M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.28M	77.121M	83.52M	77.121M
5530MHz	Pass	Inf	83.16M	77.001M	83.4M	77.121M
5610MHz	Pass	Inf	82.8M	77.001M	83.28M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.013M	76.725M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.098M	3.72M	4.078M

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

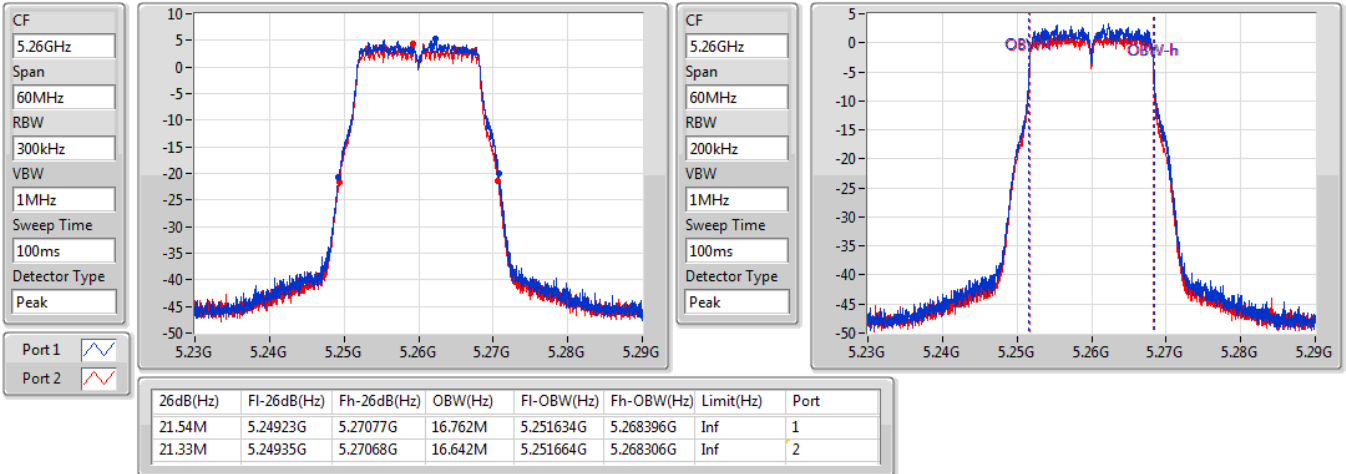
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

02/12/2019

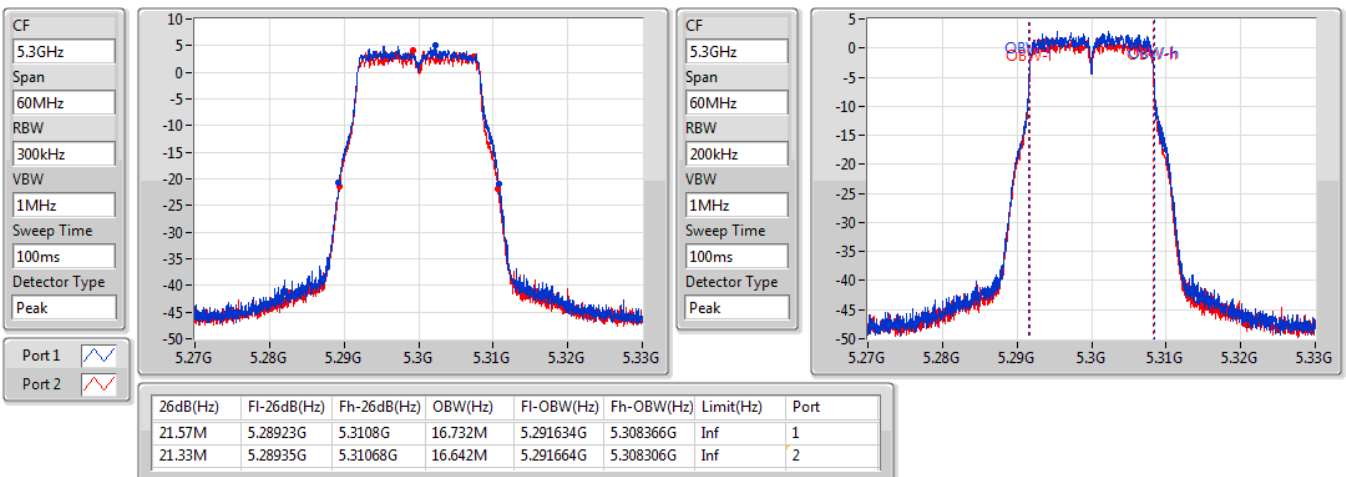


802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

02/12/2019

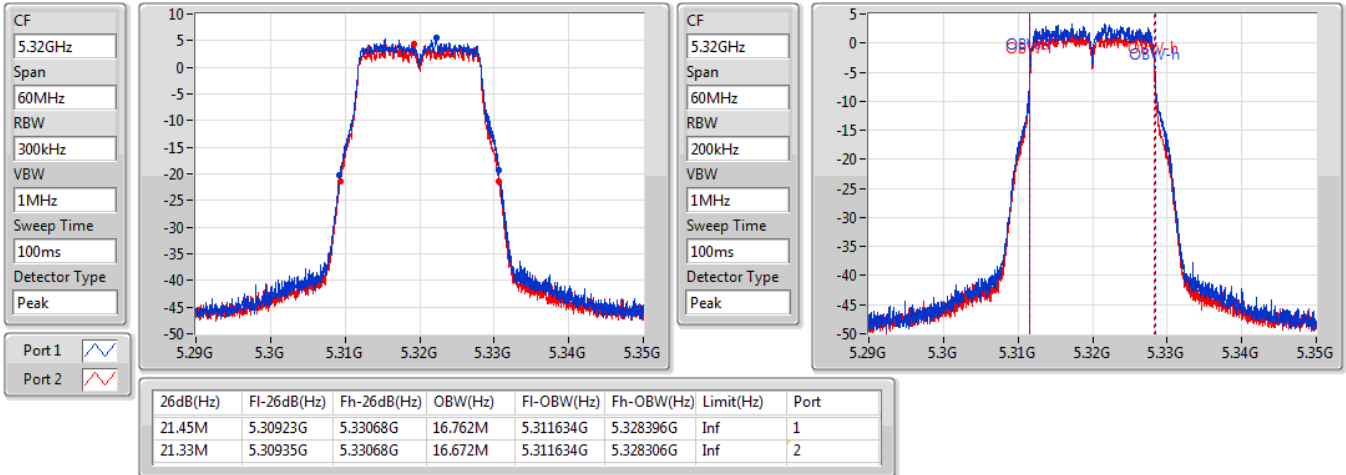


802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

02/12/2019

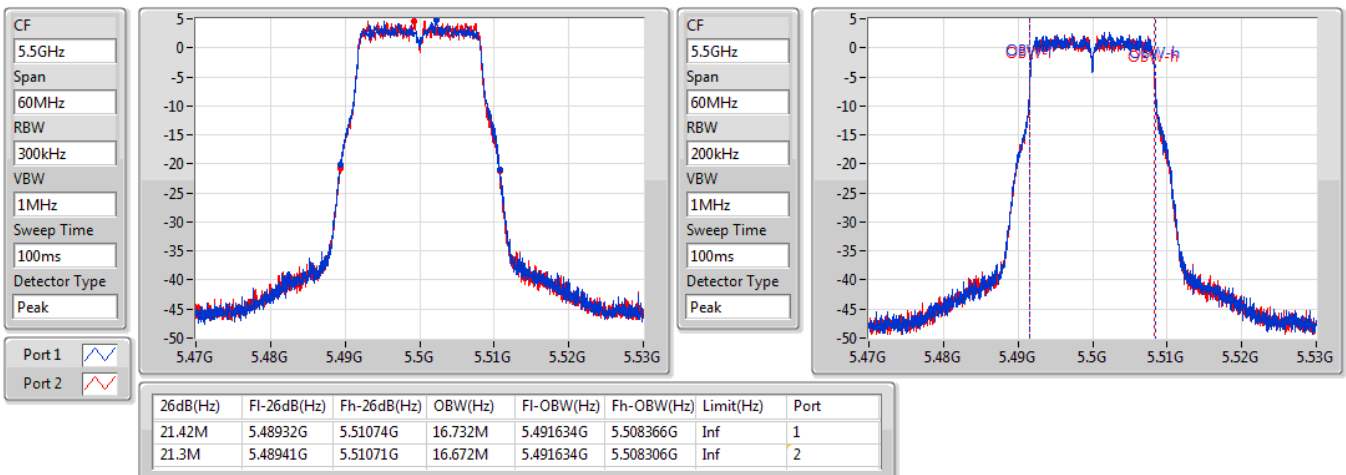


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

02/12/2019

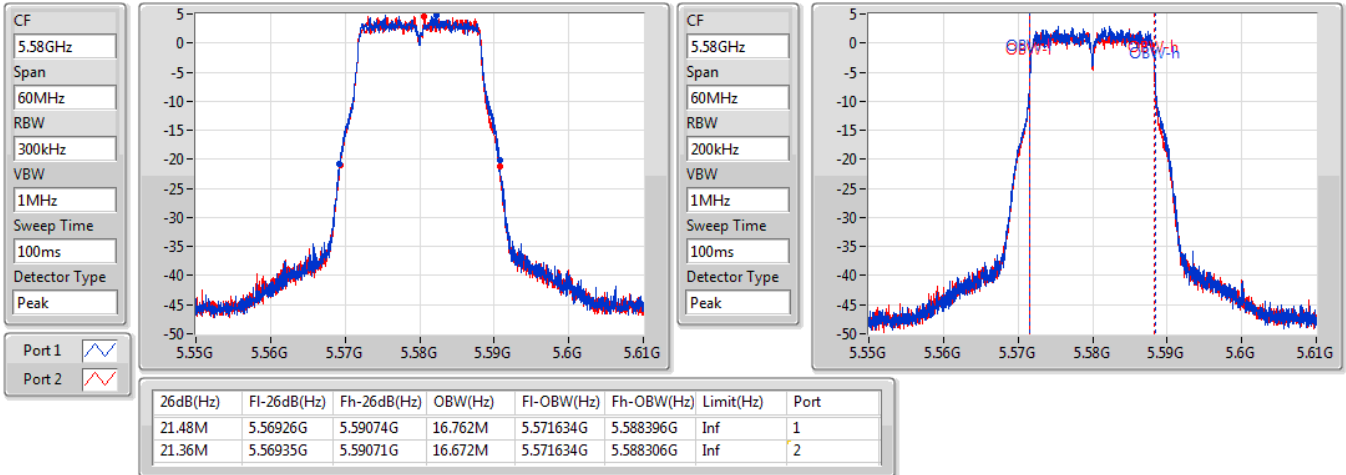


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

02/12/2019

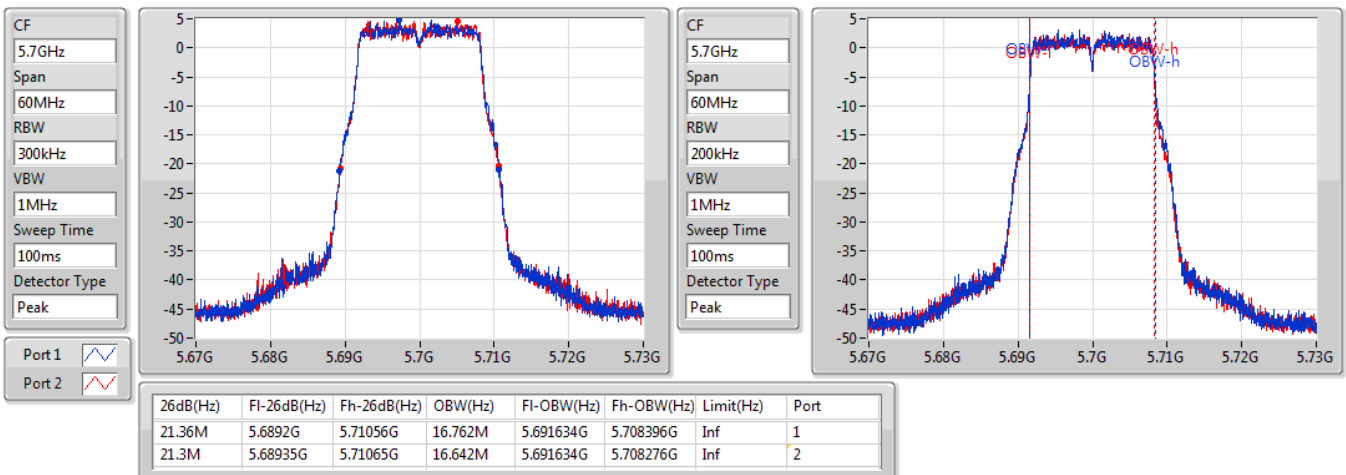


802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

02/12/2019

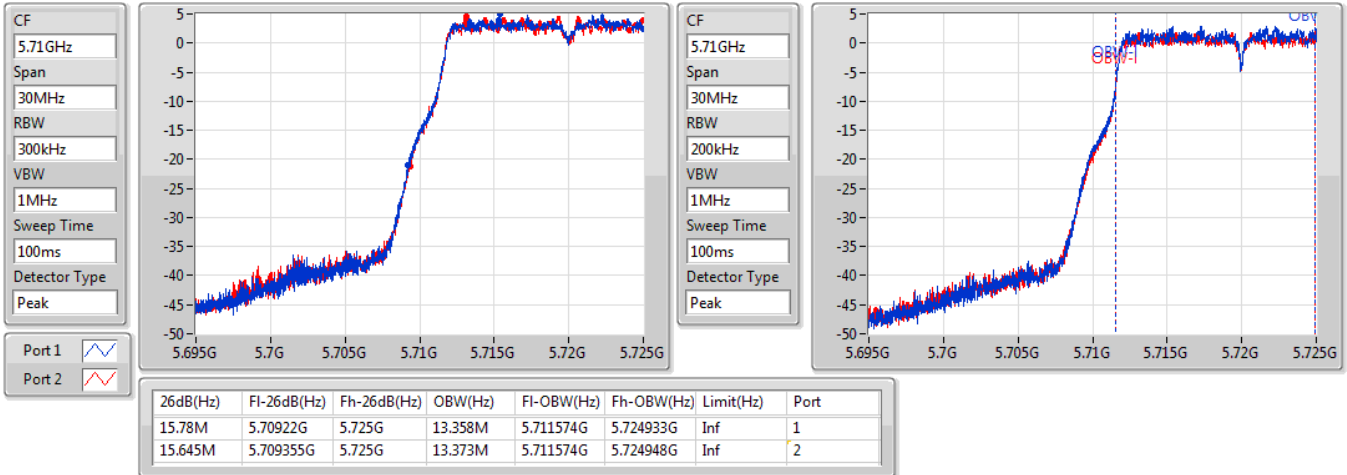


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

02/12/2019

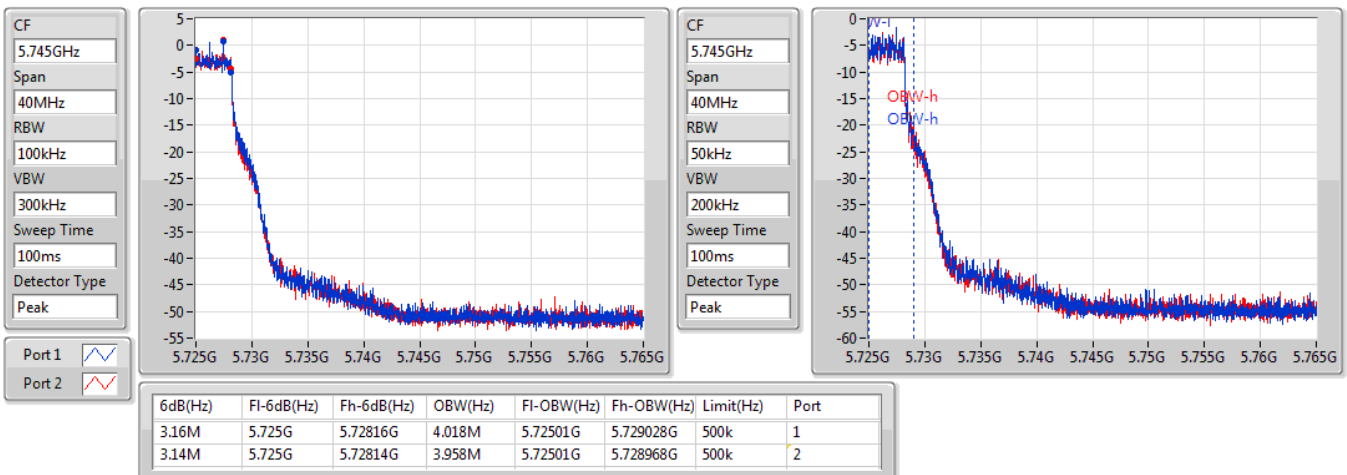


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

02/12/2019

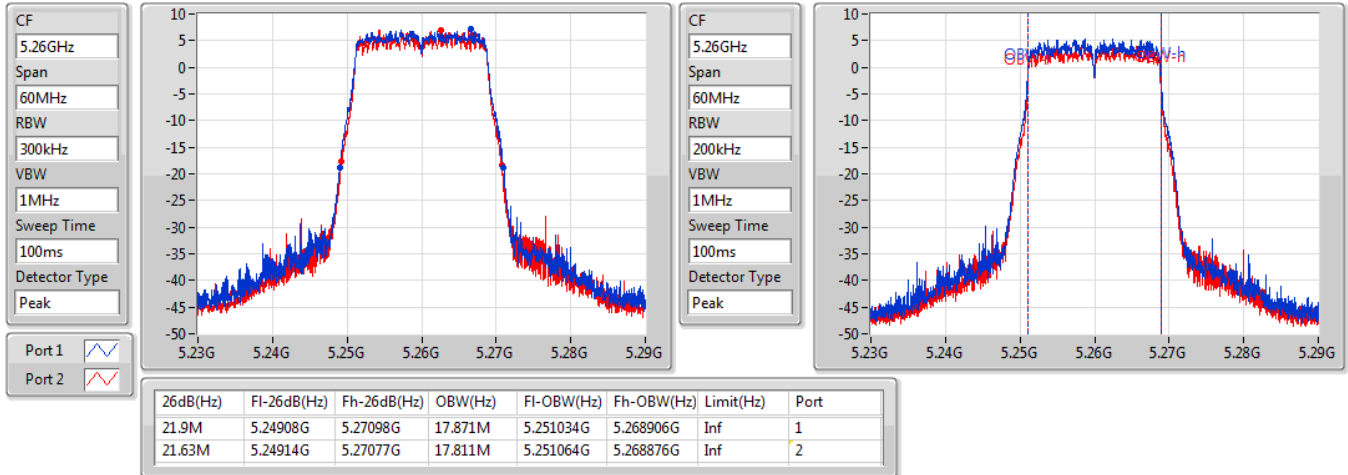


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

02/12/2019

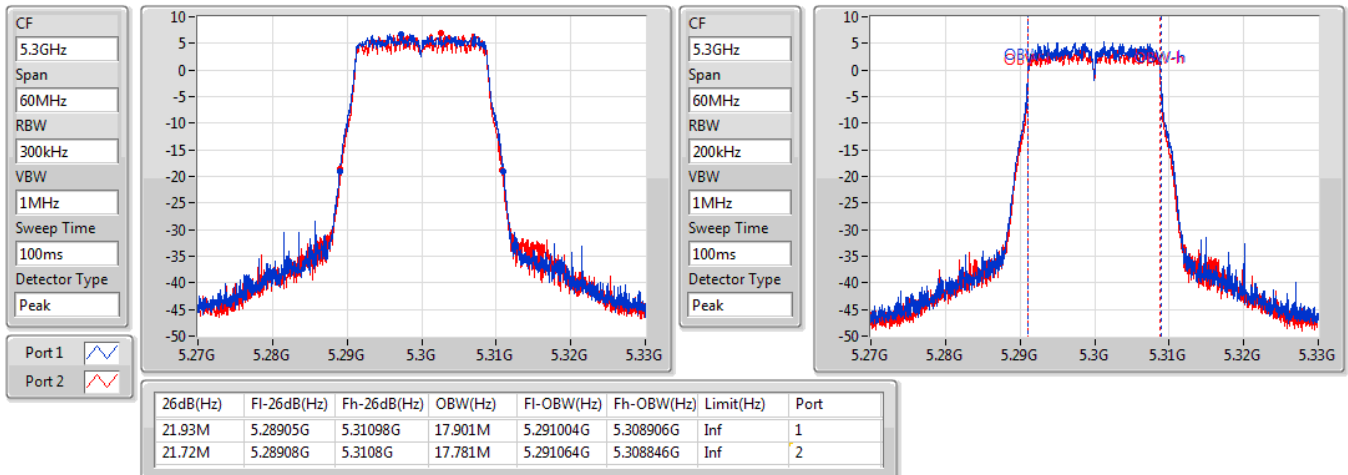


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

02/12/2019

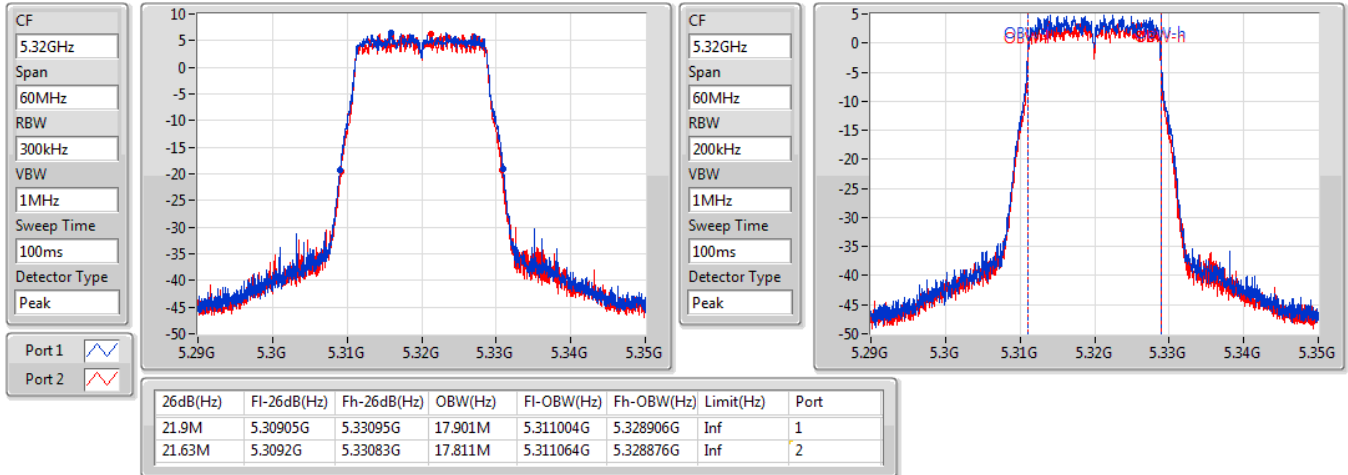


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

02/12/2019

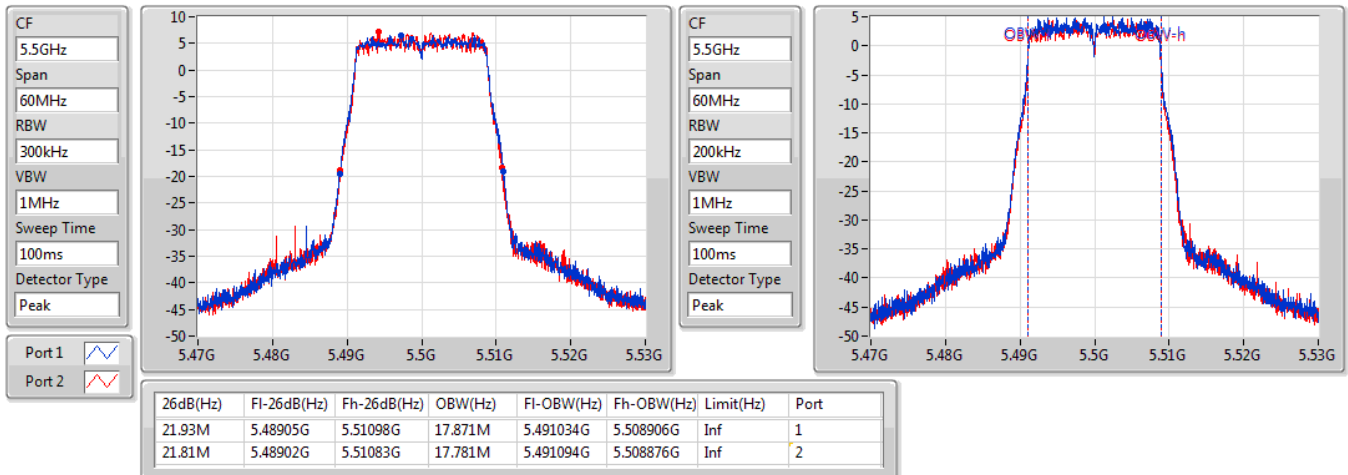


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5500MHz

02/12/2019

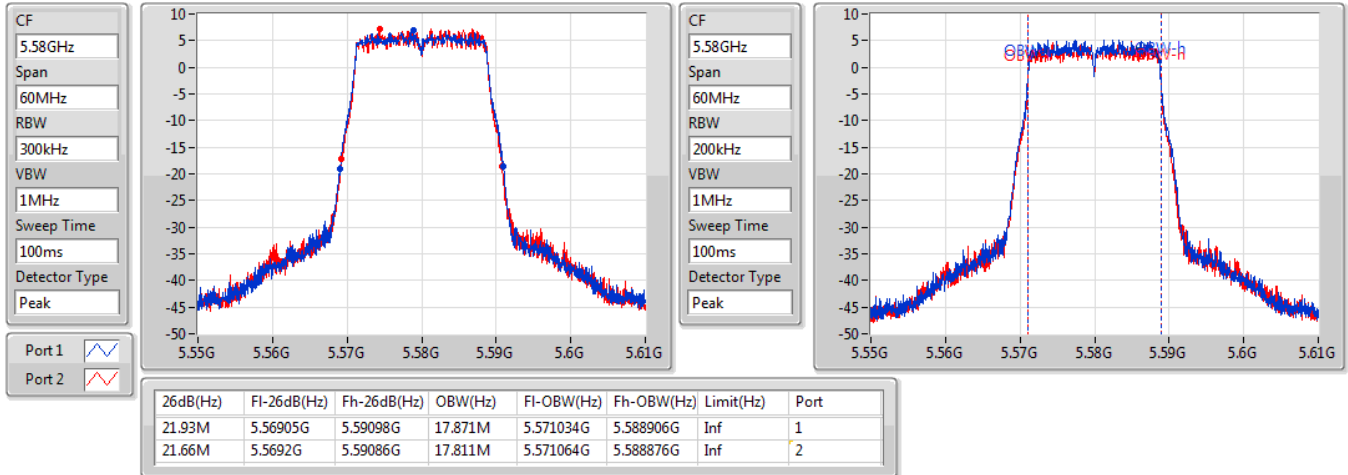


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

02/12/2019

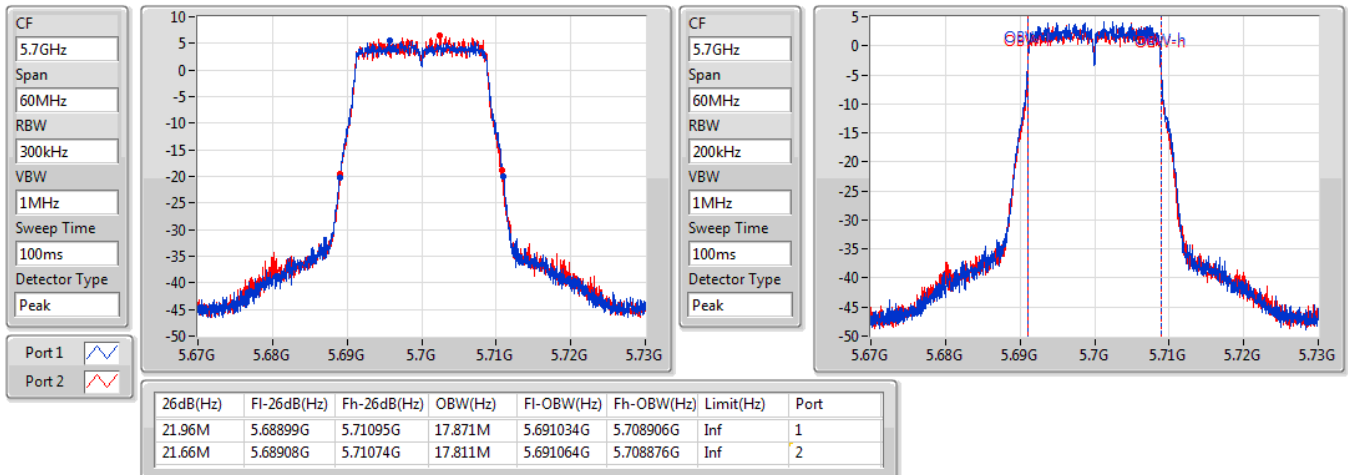


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5700MHz

02/12/2019

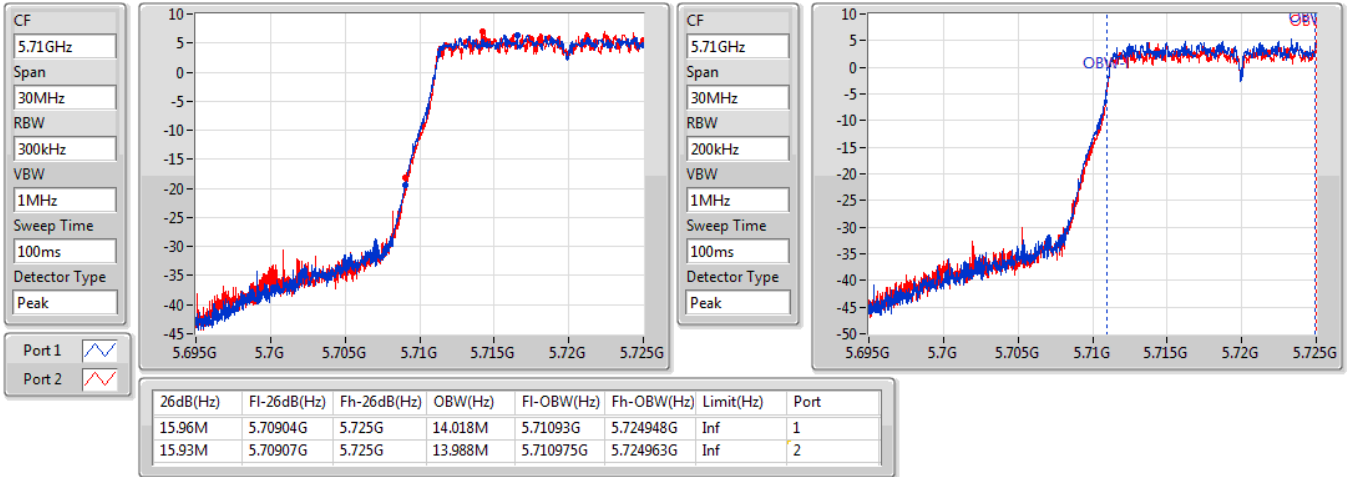


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

02/12/2019

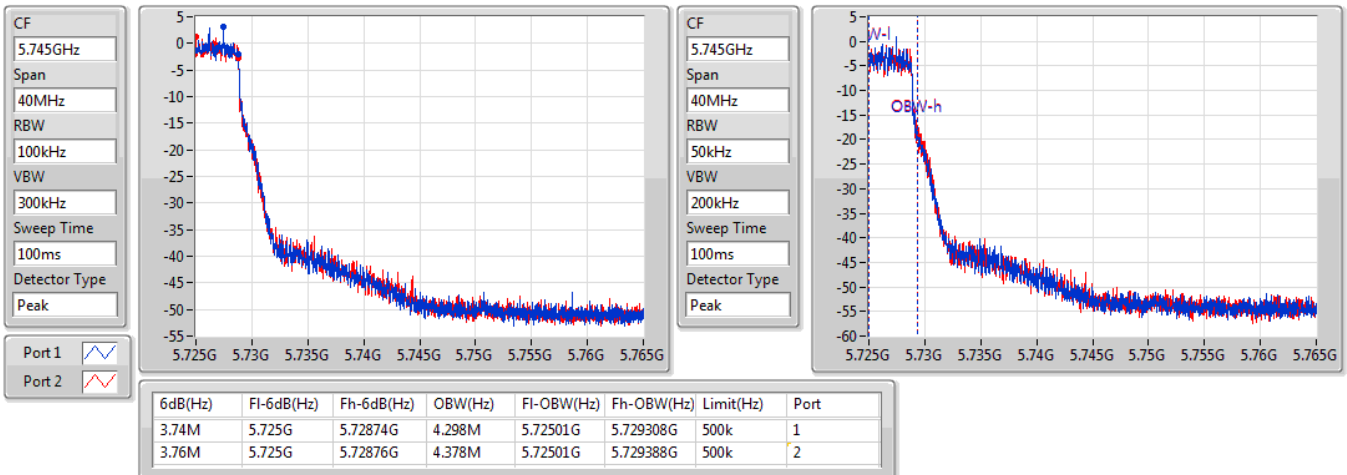


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

02/12/2019

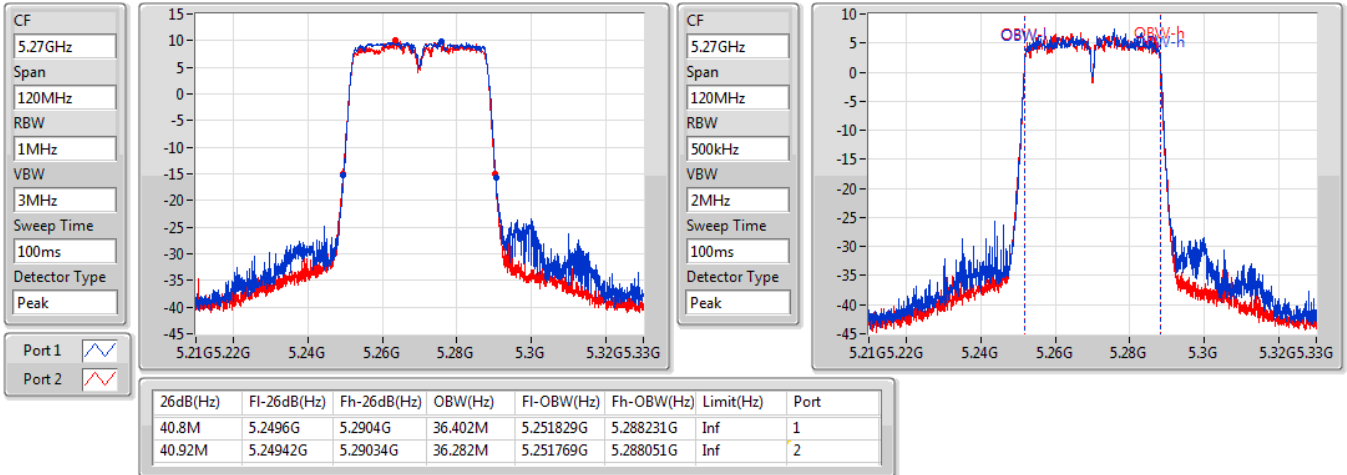


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

02/12/2019

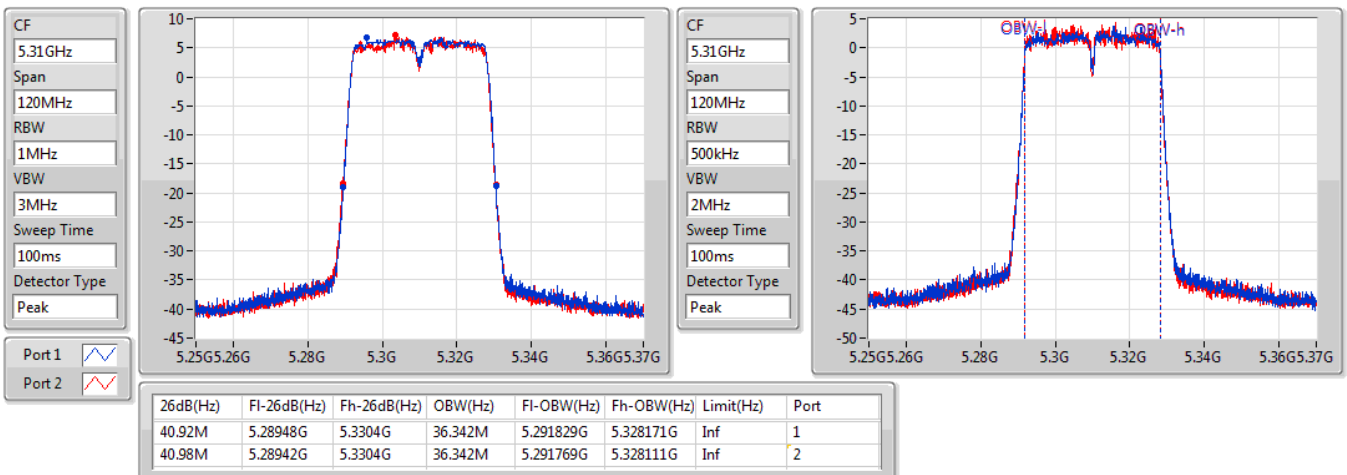


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

02/12/2019

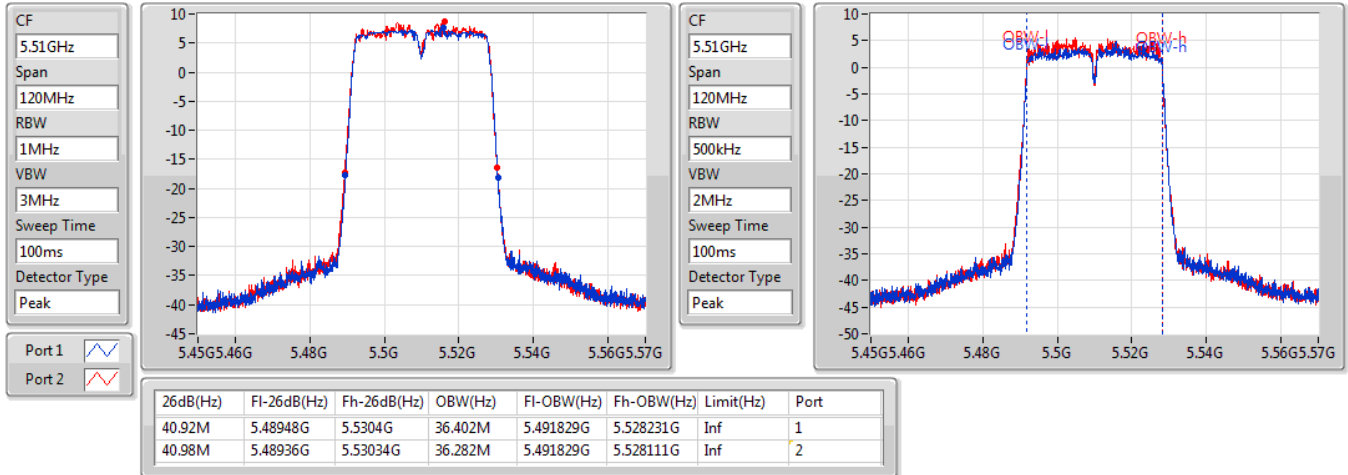


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

02/12/2019

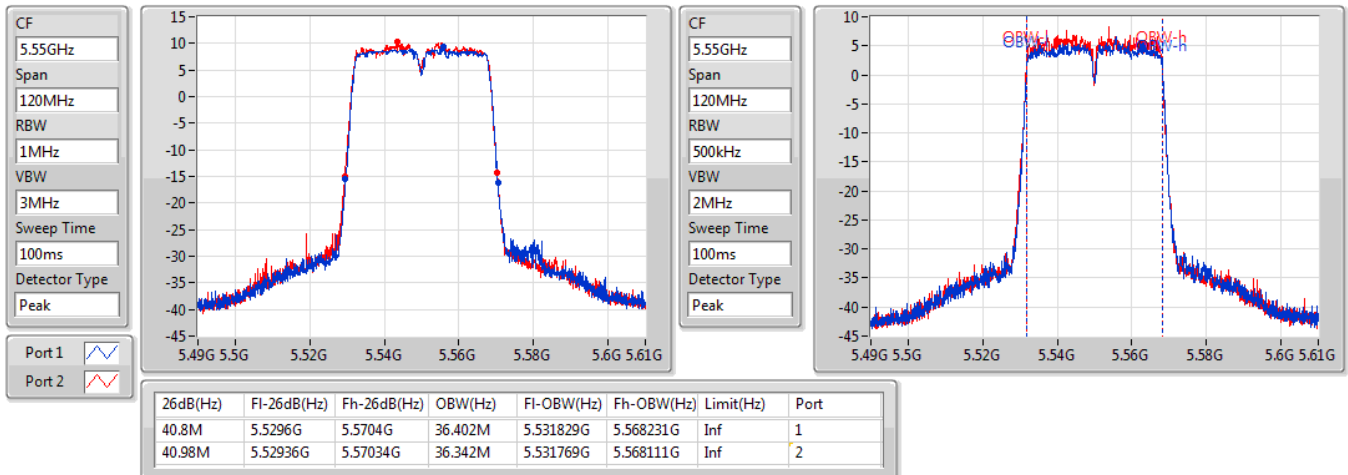


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5550MHz

02/12/2019

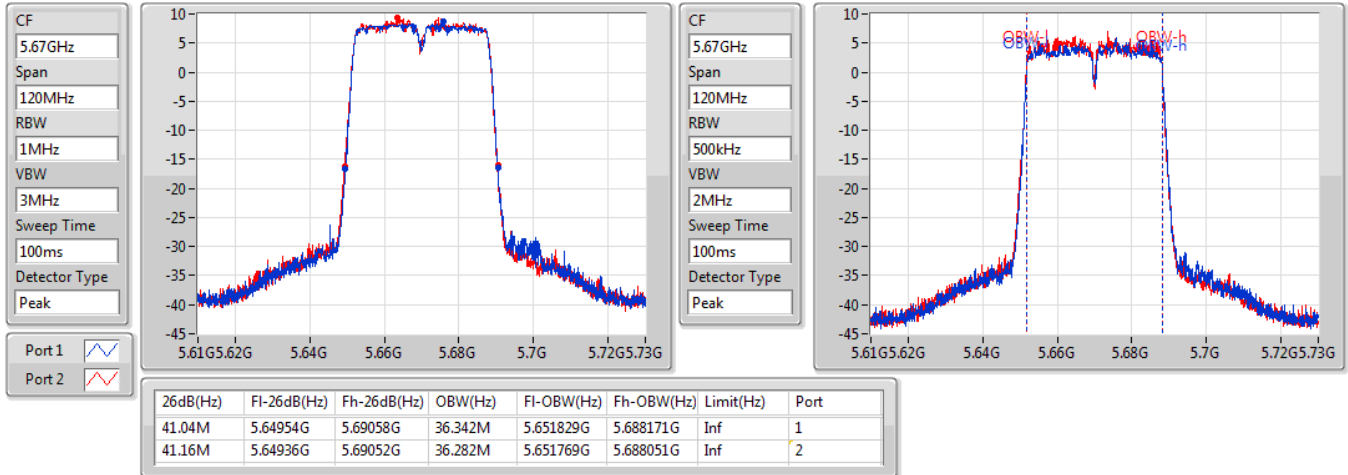


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5670MHz

02/12/2019

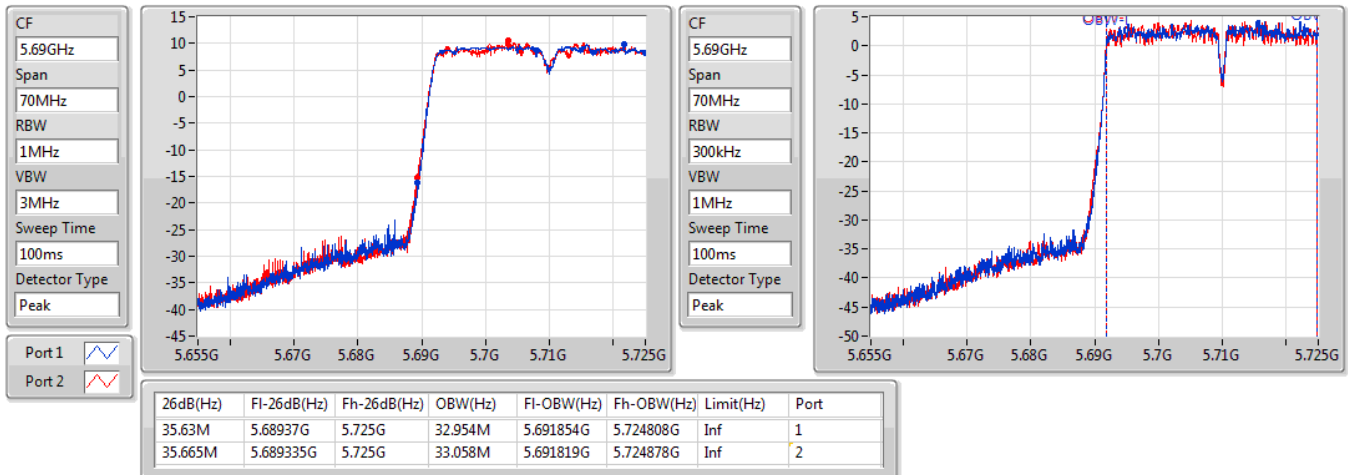


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

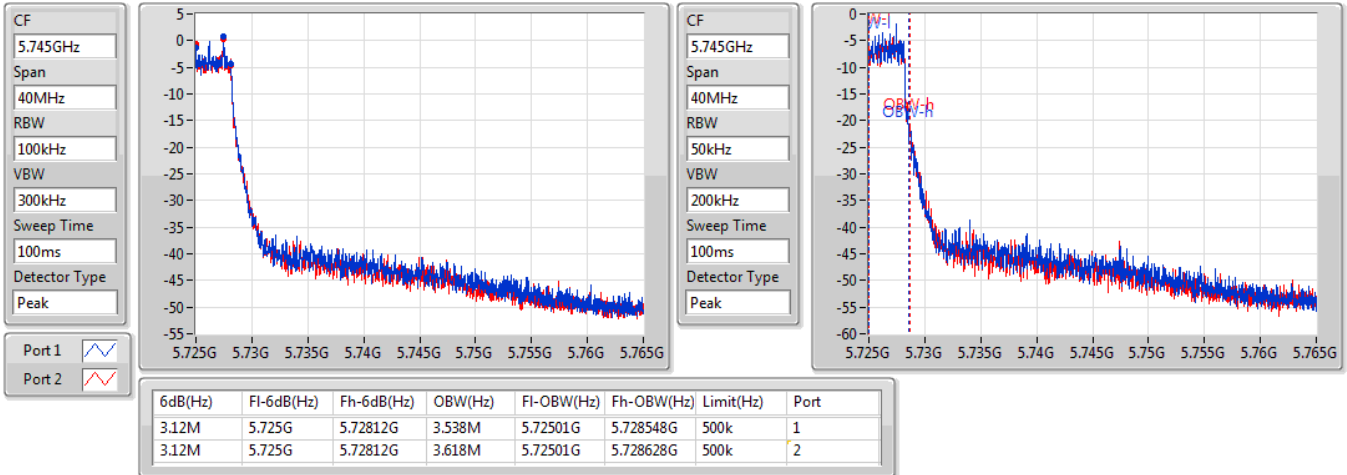
5710MHz Straddle 5.47-5.725GHz

02/12/2019

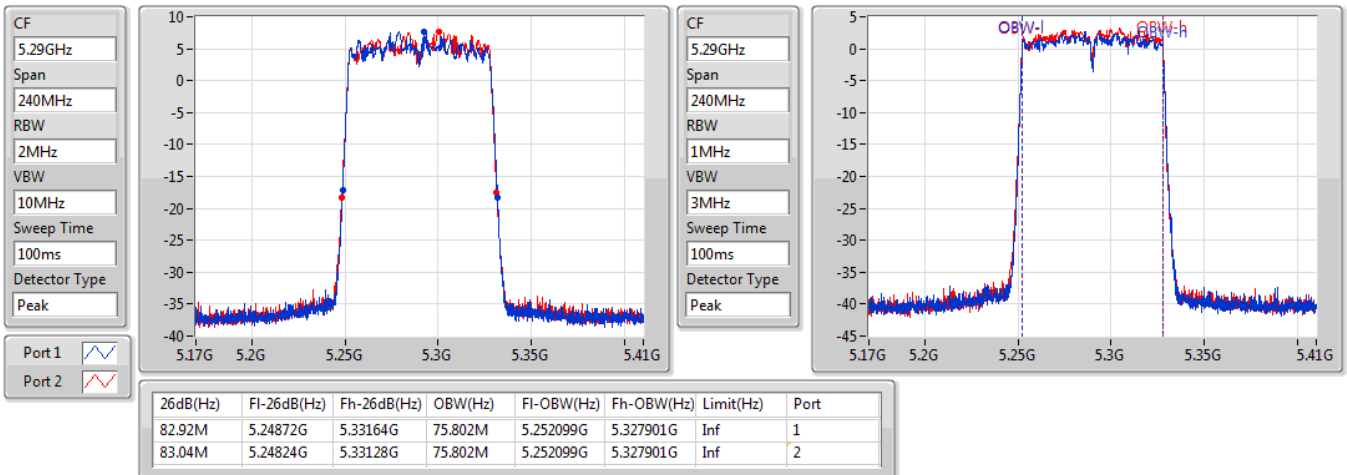


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

02/12/2019


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

02/12/2019

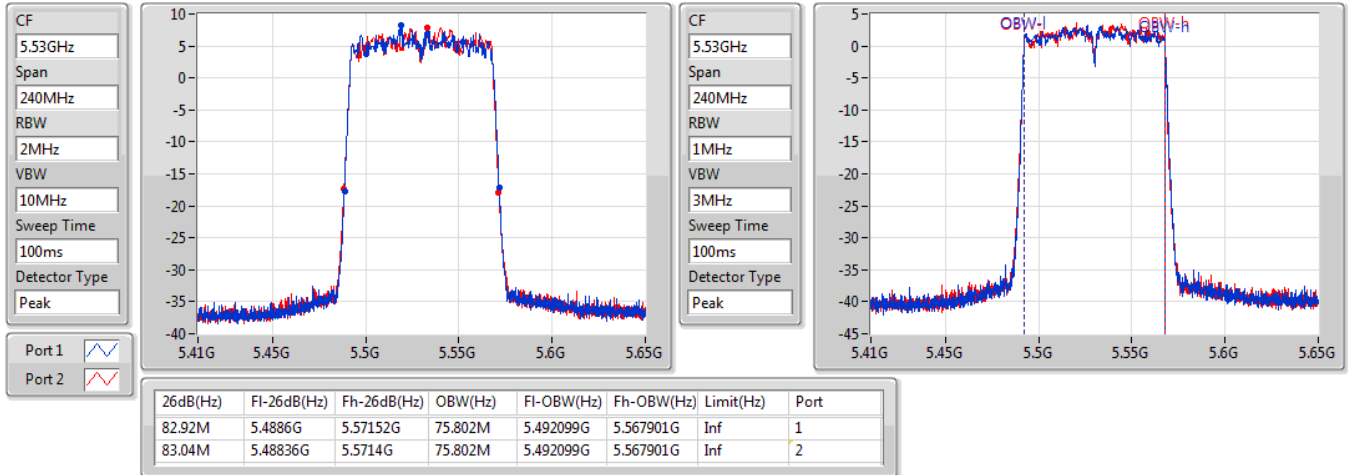


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

02/12/2019

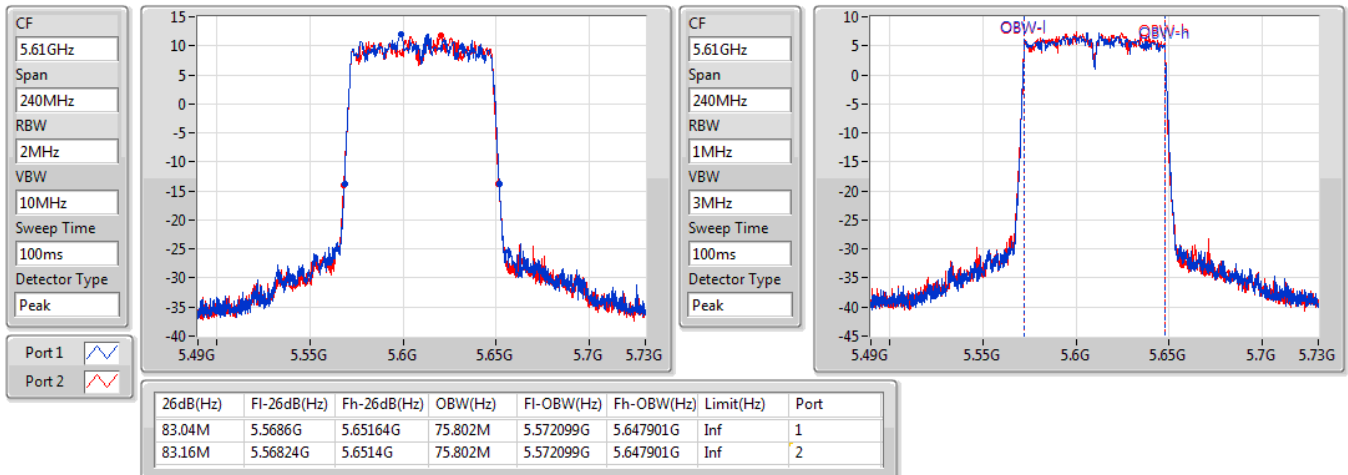


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5610MHz

02/12/2019

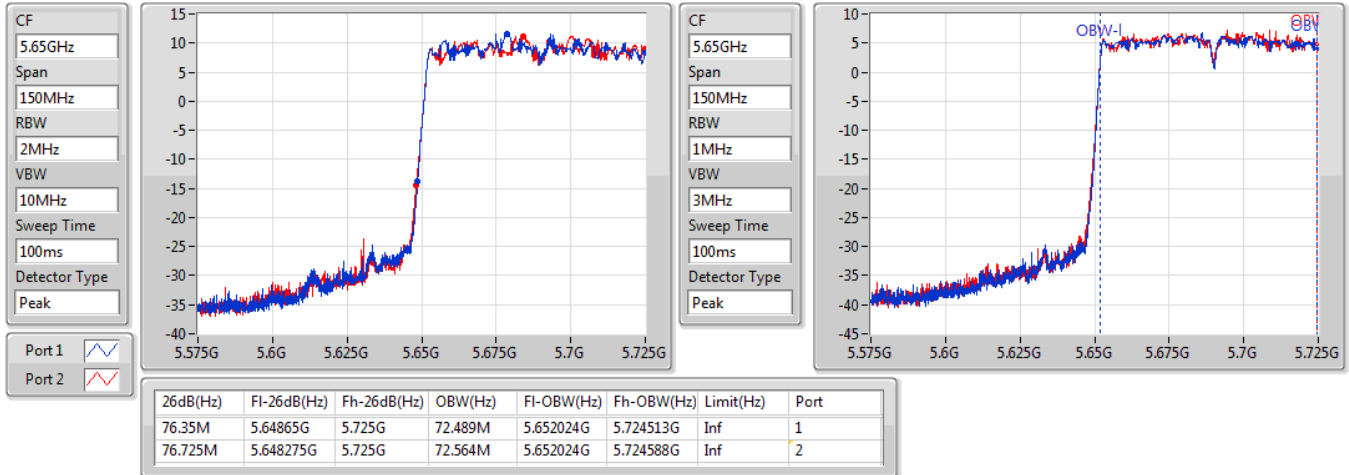


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/12/2019

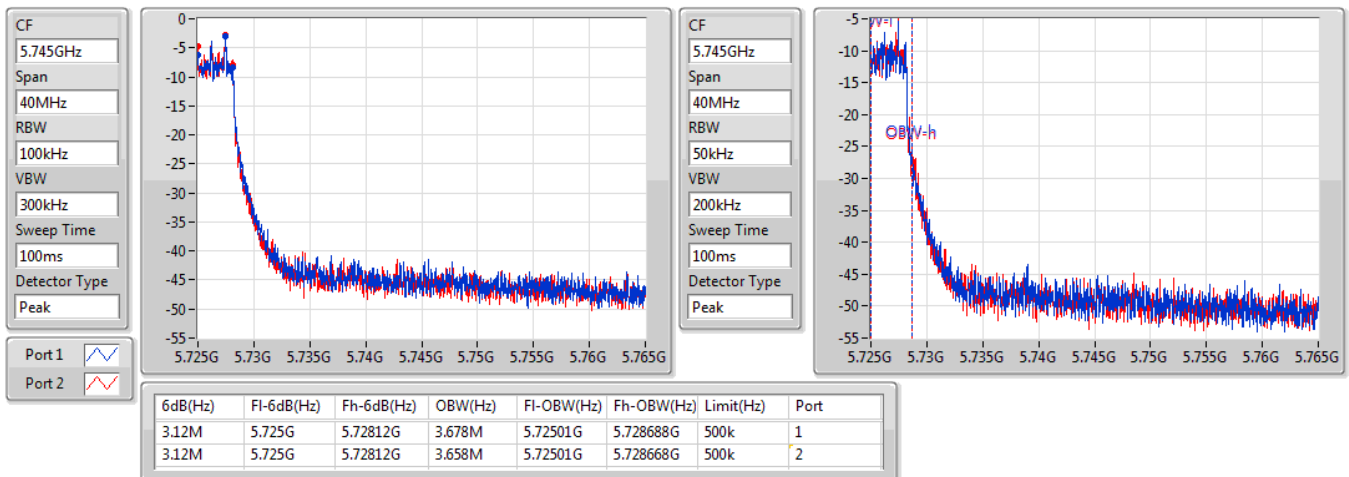


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/12/2019

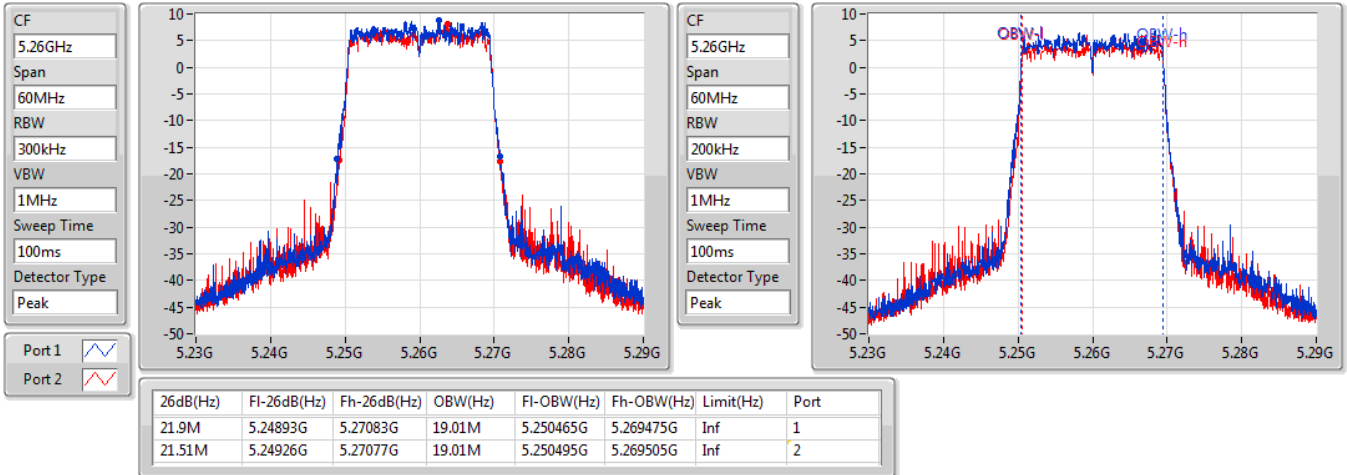


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5260MHz

02/12/2019

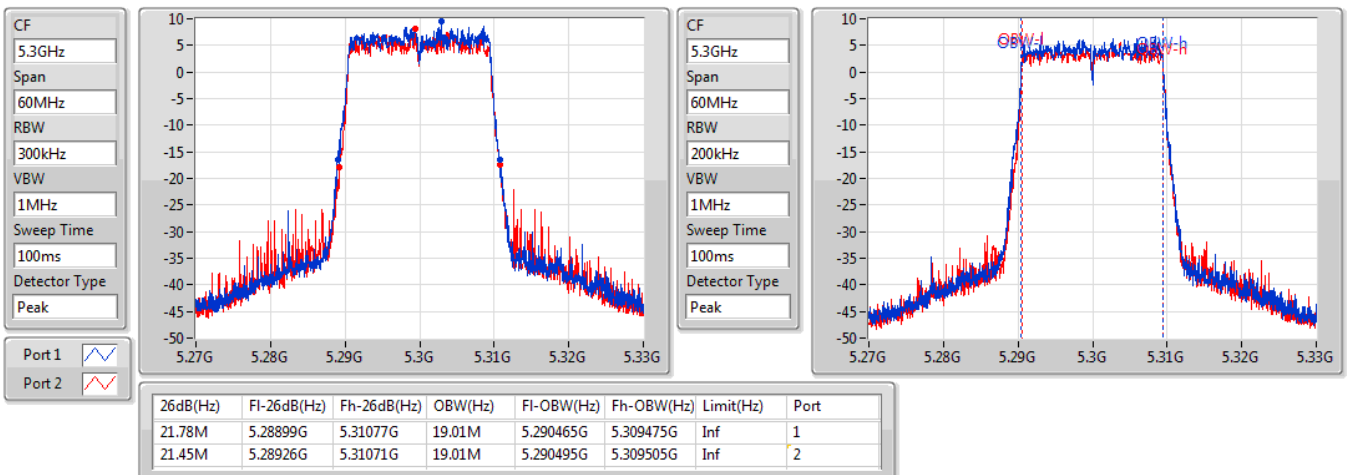


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5300MHz

02/12/2019

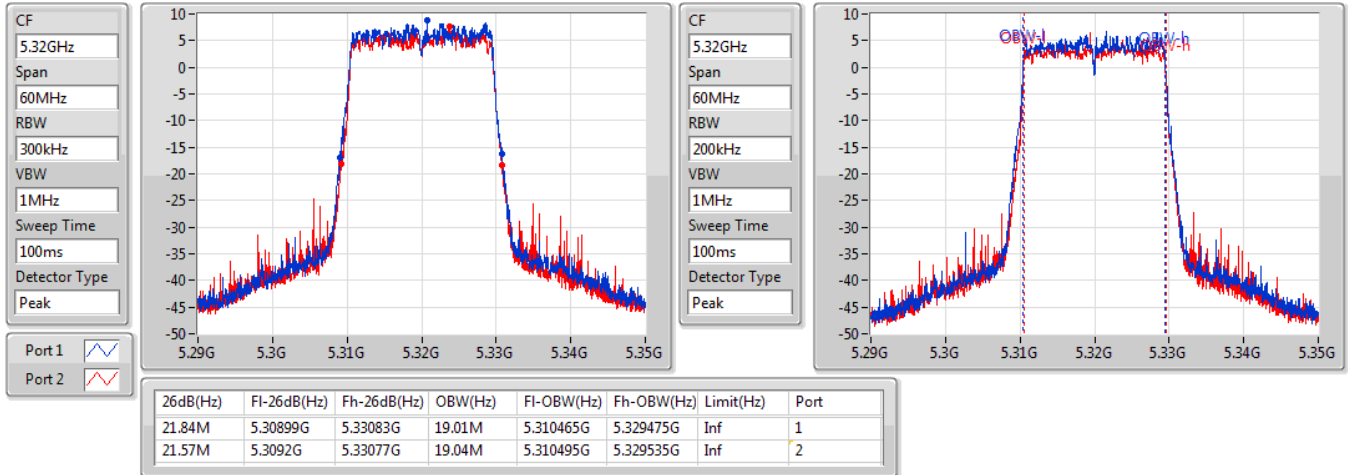


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

02/12/2019

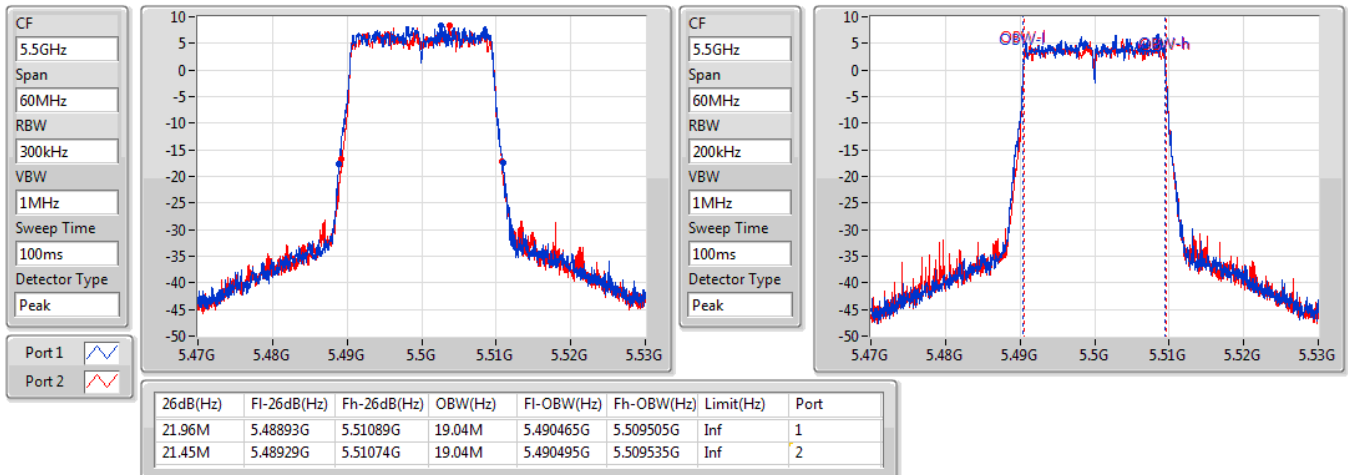


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

02/12/2019

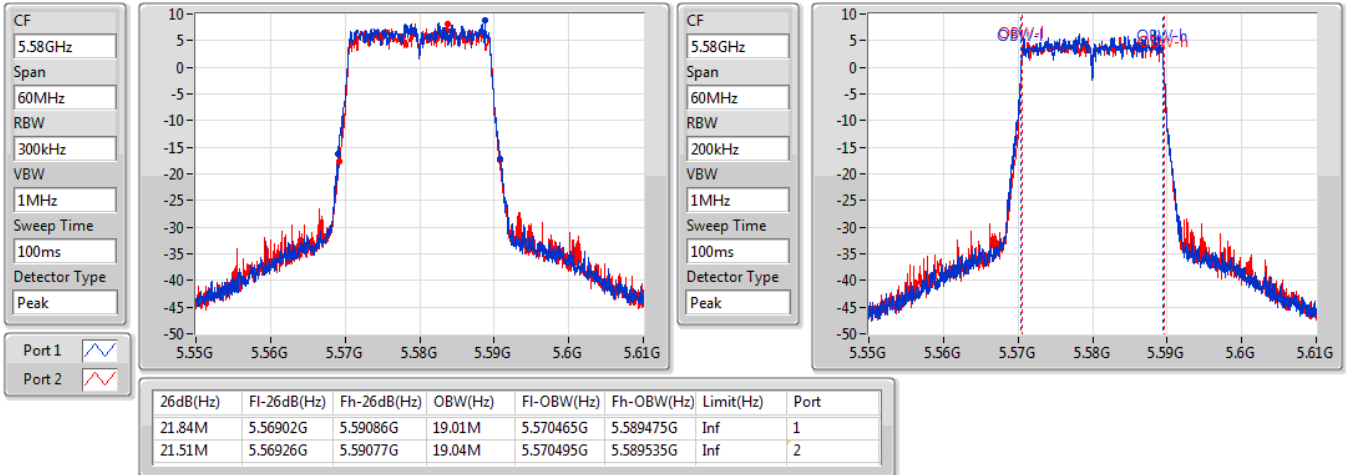


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

02/12/2019

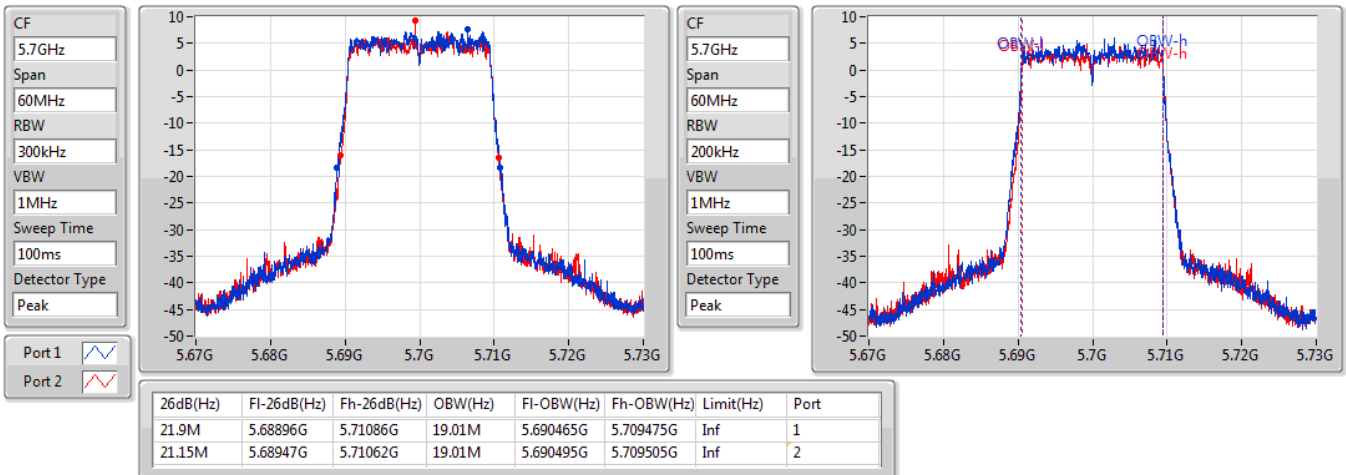


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

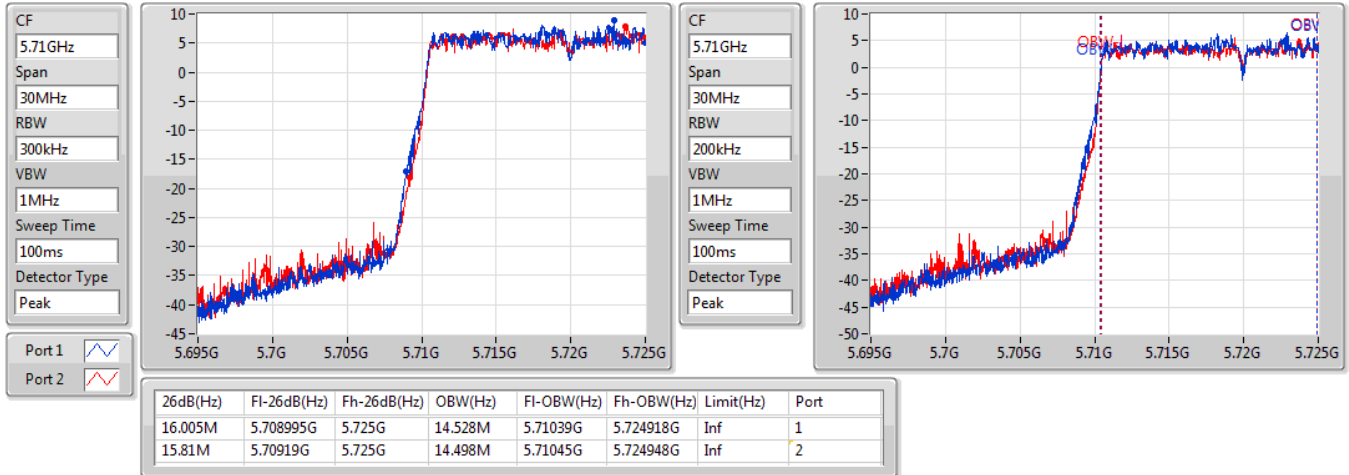
5700MHz

02/12/2019

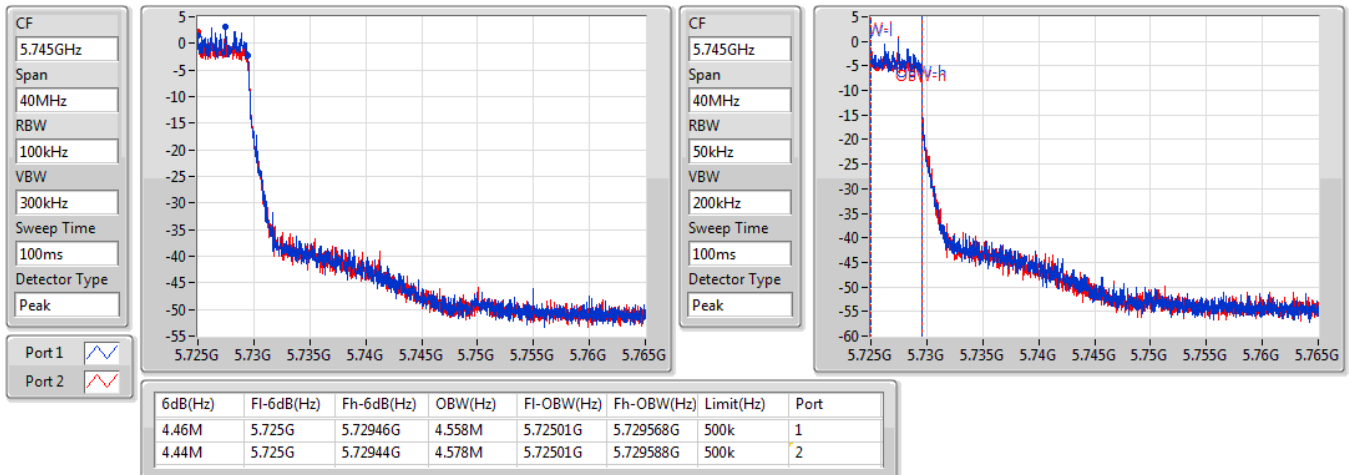


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/12/2019


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/12/2019

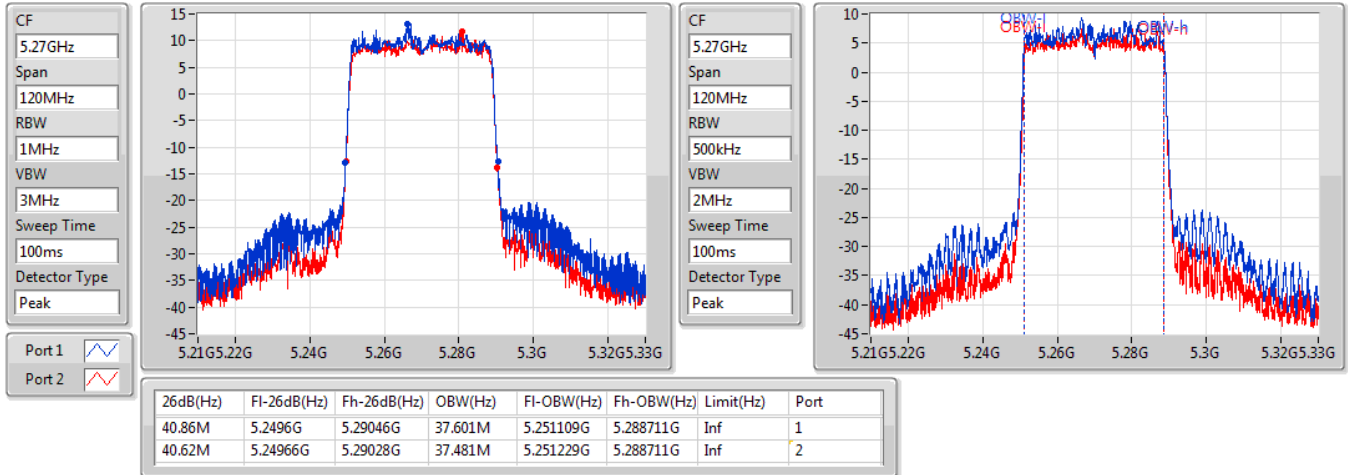


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5270MHz

02/12/2019

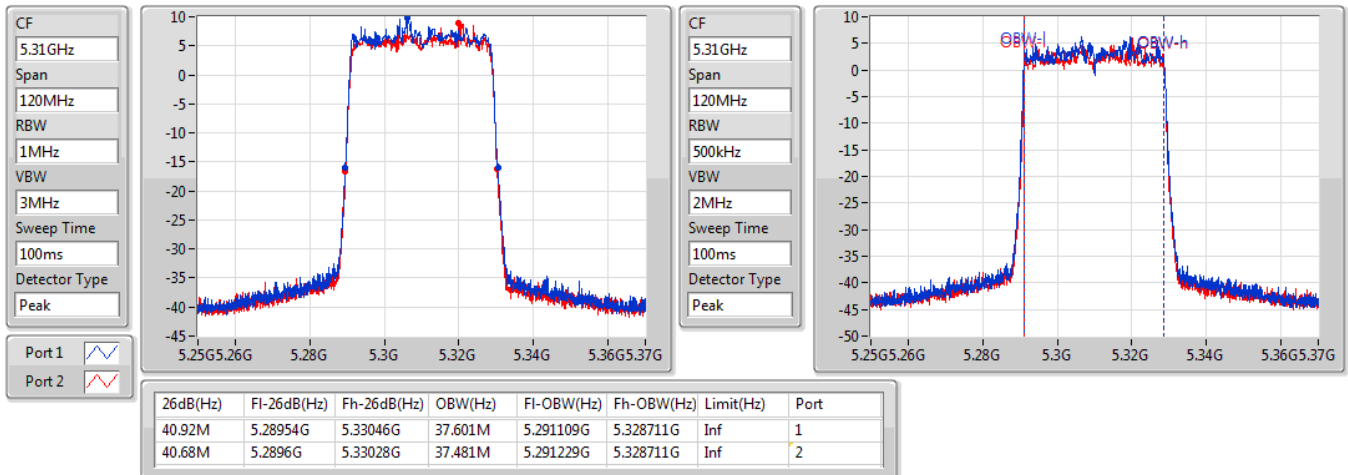


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5310MHz

02/12/2019

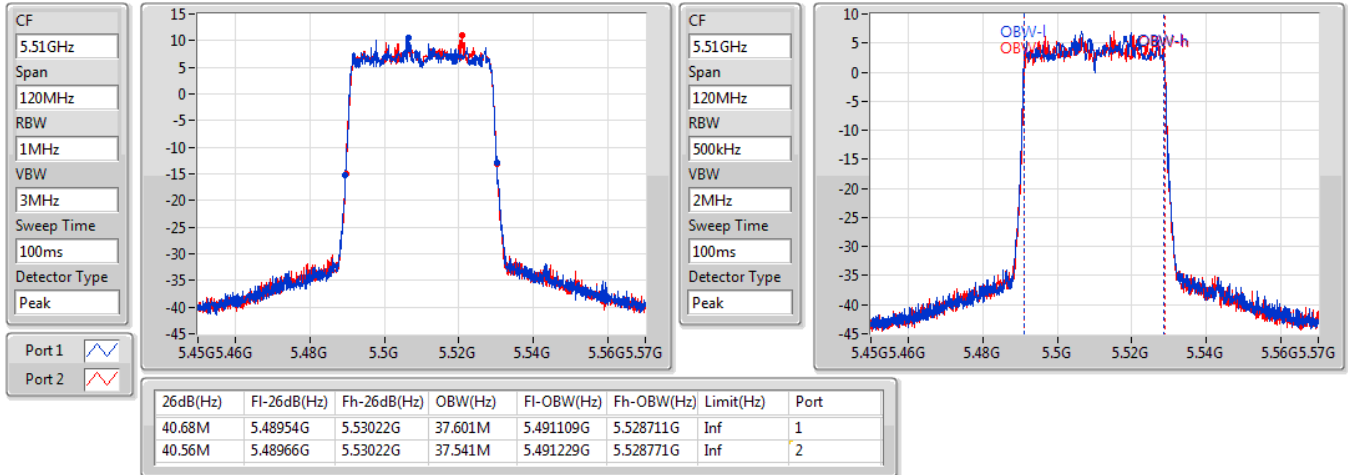


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5510MHz

02/12/2019

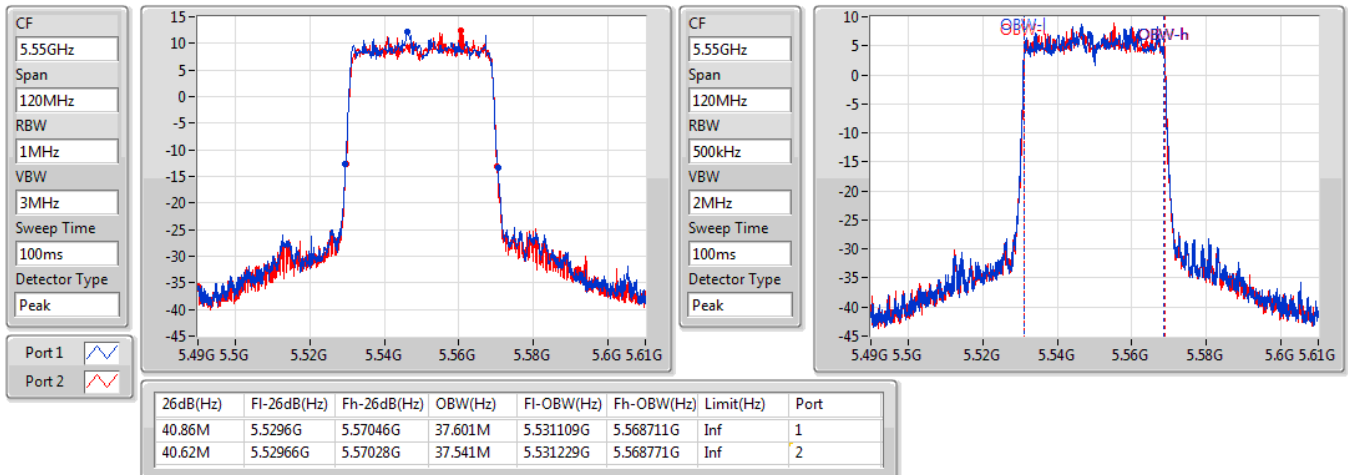


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5550MHz

02/12/2019

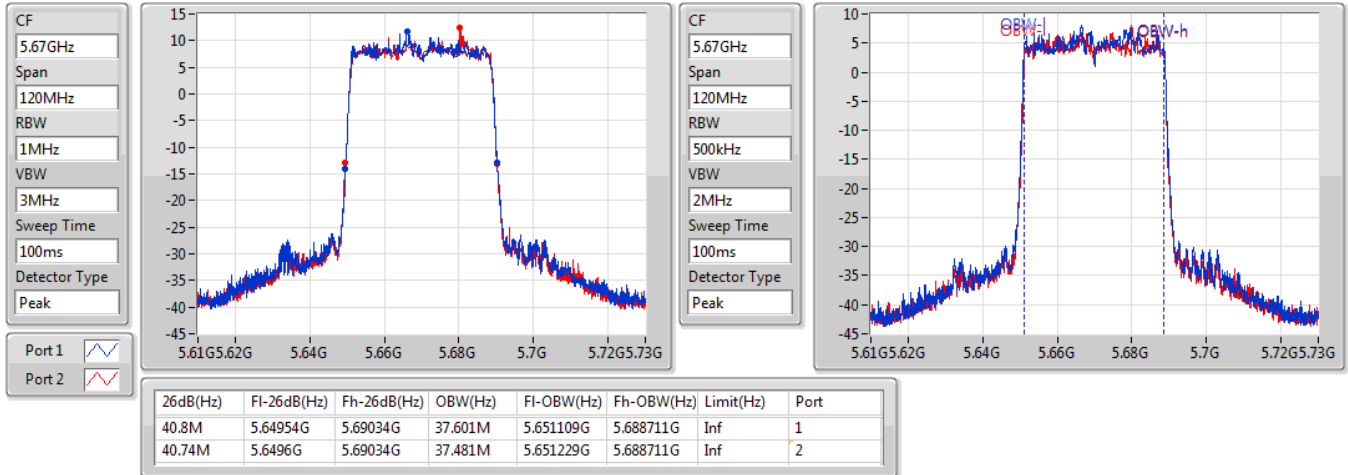


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5670MHz

02/12/2019

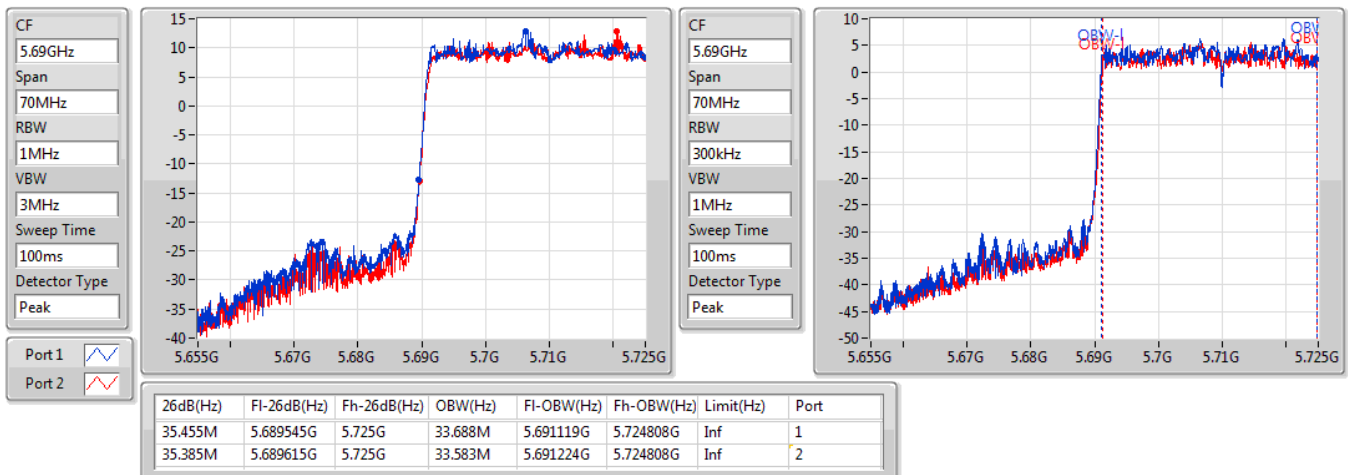


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

02/12/2019

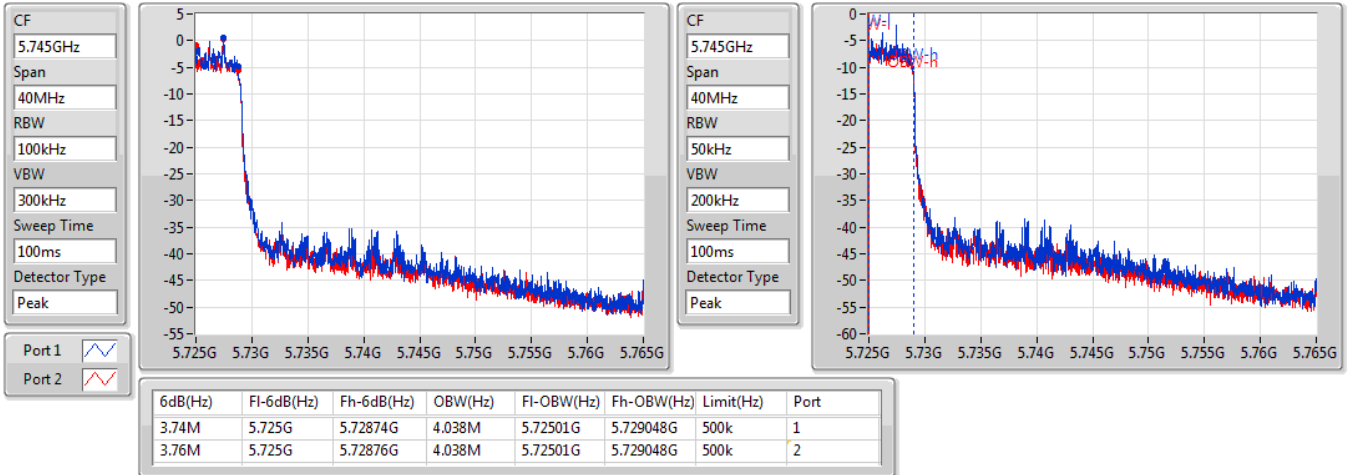


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

02/12/2019

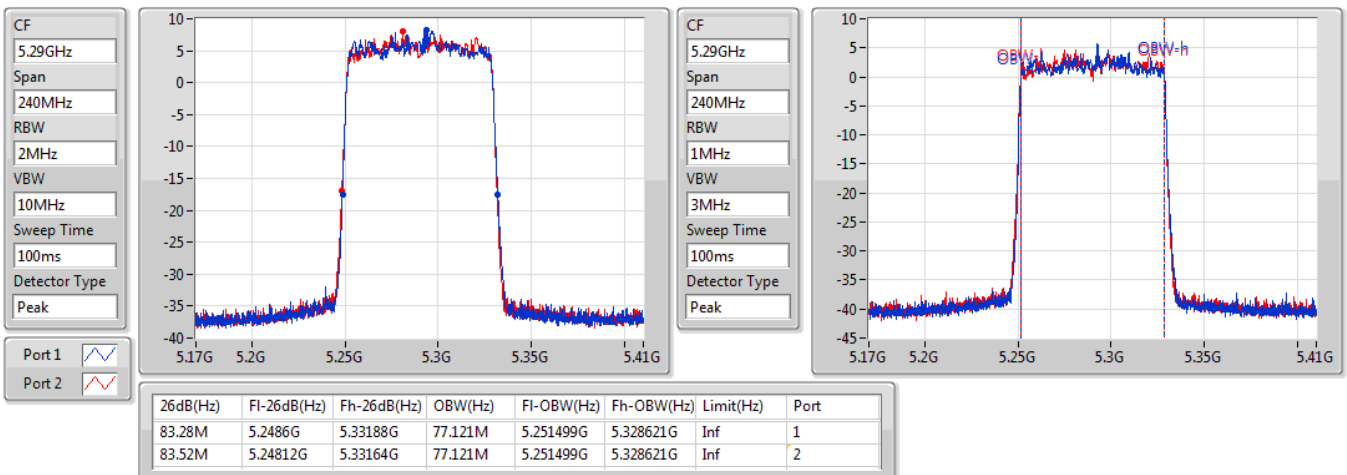


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

02/12/2019

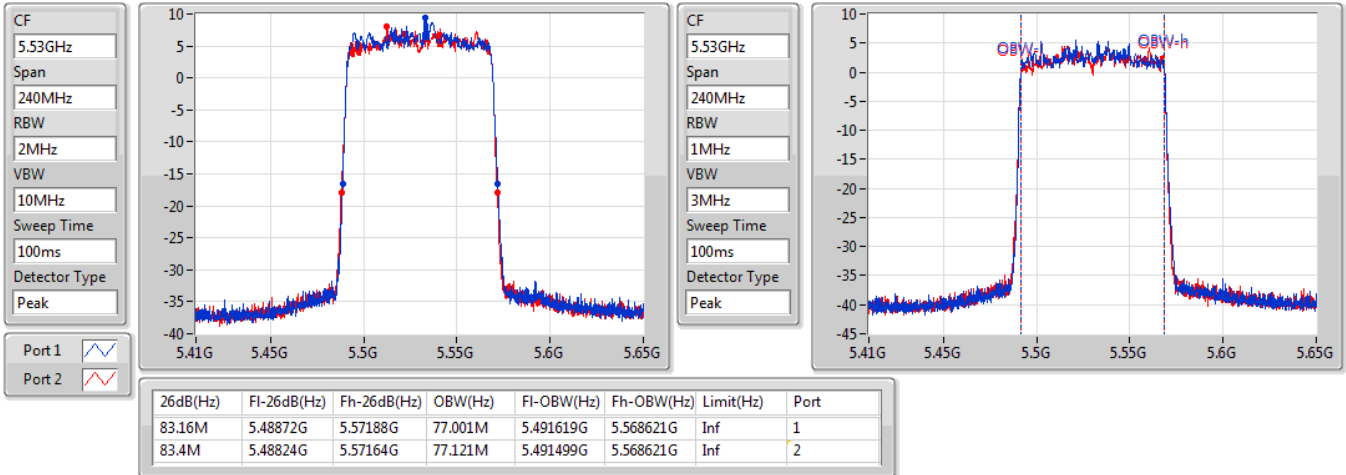


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

02/12/2019

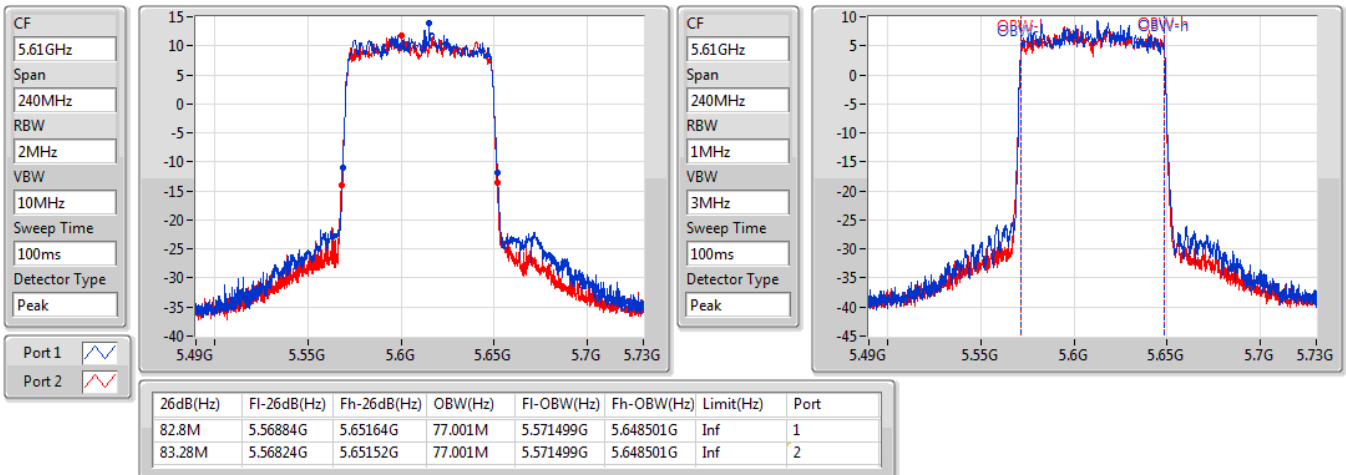


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

02/12/2019

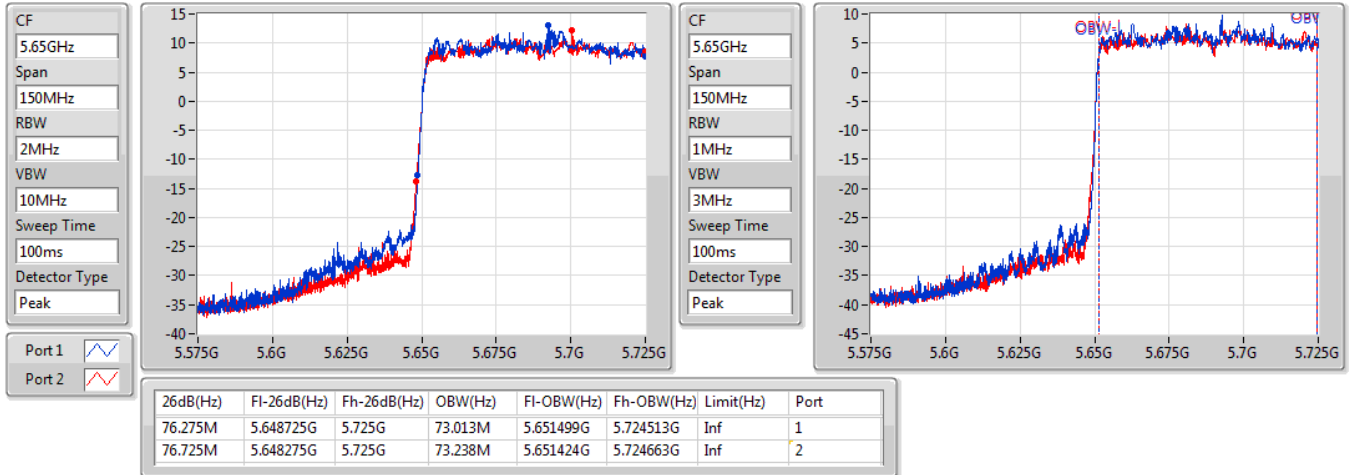


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/12/2019

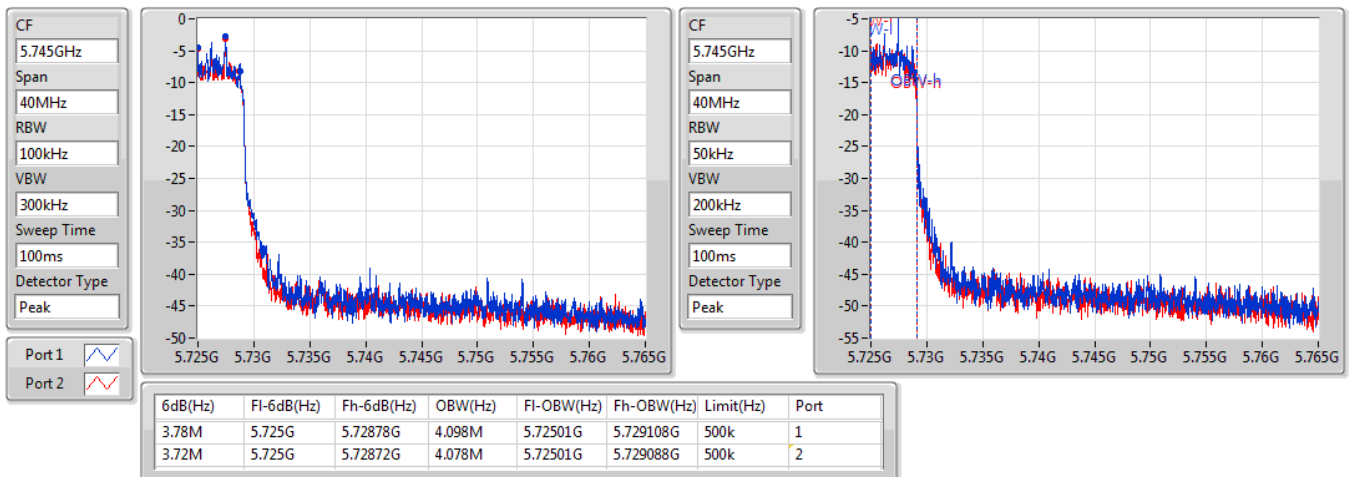


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

02/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	80.96M	75.802M	75M8D1D	80.64M	75.562M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	80.56M	77.321M	77M3D1D	80.16M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.84M	17.781M	17M8D1D	21.63M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.44M	36.282M	36M3D1D	39.66M	36.102M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	80.64M	75.802M	75M8D1D	80.28M	75.562M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	82.08M	75.962M	76M0D1D	81.68M	75.642M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87M	19.04M	19M0D1D	21.6M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.56M	37.601M	37M6D1D	40.02M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.24M	77.121M	77M1D1D	80.88M	76.642M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.68M	77.161M	77M2D1D	80.96M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.96M	17.781M	17M8D1D	15.75M	13.883M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.62M	36.462M	36M5D1D	34.988M	33.096M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.12M	75.922M	75M9D1D	75.075M	72.414M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	163.68M	154.243M	154MD1D	160.8M	153.043M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.93M	19.07M	19M1D1D	15.69M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.44M	37.601M	37M6D1D	35.035M	33.653M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.48M	77.241M	77M2D1D	75.375M	72.939M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.16M	155.202M	155MD1D	161.28M	154.003M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.76M	4.218M	4M22D1D	3.76M	4.158M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.15M	3.643M	3M64D1D	3.135M	3.613M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.22M	3.698M	3M70D1D	3.1M	3.618M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.58M	4.558M	4M56D1D	4.52M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.94M	4.038M	4M04D1D	3.74M	4.018M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4M	4.038M	4M04D1D	3.9M	4.038M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	17.691M	21.84M	17.781M	21.63M	17.751M	21.66M	17.781M
5300MHz	Pass	Inf	21.81M	17.751M	21.66M	17.721M	21.75M	17.751M	21.75M	17.751M
5320MHz	Pass	Inf	21.81M	17.751M	21.63M	17.751M	21.75M	17.721M	21.75M	17.781M
5500MHz	Pass	Inf	21.66M	17.751M	21.93M	17.721M	21.78M	17.721M	21.78M	17.751M
5580MHz	Pass	Inf	21.69M	17.781M	21.75M	17.721M	21.63M	17.751M	21.72M	17.691M
5700MHz	Pass	Inf	21.84M	17.751M	21.96M	17.781M	21.75M	17.781M	21.78M	17.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.81M	13.928M	15.825M	13.943M	15.75M	13.943M	15.75M	13.883M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.198M	3.76M	4.218M	3.76M	4.178M	3.76M	4.158M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.96M	36.222M	39.9M	36.102M	39.9M	36.282M	39.66M	36.222M
5310MHz	Pass	Inf	40.2M	36.222M	39.96M	36.222M	40.2M	36.222M	40.44M	36.282M
5510MHz	Pass	Inf	40.02M	36.462M	39.84M	36.402M	39.72M	36.342M	40.2M	36.402M
5550MHz	Pass	Inf	39.9M	36.462M	39.84M	36.402M	40.14M	36.342M	39.42M	36.402M
5670MHz	Pass	Inf	40.2M	36.462M	40.62M	36.402M	40.14M	36.342M	40.14M	36.402M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.988M	33.133M	35.063M	33.133M	35.438M	33.096M	35.063M	33.171M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	3.643M	3.135M	3.613M	3.135M	3.613M	3.15M	3.628M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.52M	75.682M	80.28M	75.802M	80.64M	75.802M	80.28M	75.562M
5530MHz	Pass	Inf	80.4M	75.682M	81.12M	75.802M	80.52M	75.802M	80.4M	75.562M
5610MHz	Pass	Inf	80.76M	75.922M	80.28M	75.802M	80.88M	75.802M	80.76M	75.442M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.075M	72.414M	75.525M	72.414M	75.525M	72.489M	75.375M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.618M	3.1M	3.698M	3.22M	3.658M	3.14M	3.678M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	75.722M	80.8M	75.802M	80.96M	75.722M	80.64M	75.562M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	75.802M	81.76M	75.962M	81.68M	75.722M	82.08M	75.642M
5570MHz	Pass	Inf	160.8M	154.243M	162.24M	154.003M	162.48M	154.003M	163.68M	153.043M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	18.981M	21.78M	18.981M	21.72M	18.951M	21.78M	19.01M
5300MHz	Pass	Inf	21.75M	18.951M	21.75M	19.04M	21.6M	18.981M	21.69M	18.981M
5320MHz	Pass	Inf	21.87M	19.01M	21.78M	19.04M	21.81M	18.981M	21.72M	19.01M
5500MHz	Pass	Inf	21.84M	18.981M	21.9M	19.01M	21.78M	18.981M	21.78M	18.921M
5580MHz	Pass	Inf	21.75M	18.981M	21.72M	18.951M	21.78M	19.01M	21.72M	18.951M
5700MHz	Pass	Inf	21.72M	19.07M	21.81M	18.951M	21.93M	19.07M	21.75M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.735M	14.498M	15.75M	14.498M	15.69M	14.483M	15.72M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.558M	4.52M	4.538M	4.52M	4.538M	4.54M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.541M	40.38M	37.541M	40.14M	37.541M	40.26M	37.481M
5310MHz	Pass	Inf	40.02M	37.601M	40.08M	37.541M	40.14M	37.541M	40.56M	37.541M
5510MHz	Pass	Inf	40.14M	37.541M	40.44M	37.541M	40.26M	37.541M	40.32M	37.481M
5550MHz	Pass	Inf	40.14M	37.601M	40.14M	37.601M	40.38M	37.481M	39.96M	37.481M
5670MHz	Pass	Inf	40.26M	37.541M	40.38M	37.541M	40.38M	37.601M	40.08M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.723M	35.21M	33.758M	35.035M	33.653M	35.105M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.038M	3.88M	4.018M	3.8M	4.018M	3.74M	4.018M

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	81M	77.121M	81.24M	76.762M	80.88M	77.001M	80.88M	76.642M
5530MHz	Pass	Inf	81.12M	77.001M	81.36M	77.121M	81.48M	77.001M	81M	76.882M
5610MHz	Pass	Inf	80.64M	77.001M	80.88M	76.882M	81.36M	77.241M	81M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	73.163M	75.525M	73.013M	75.525M	73.088M	75.375M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.038M	3.94M	4.038M	3.9M	4.038M	4M	4.038M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.16M	77.161M	80.56M	77.081M	80.16M	77.321M	80.32M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.2M	77.161M	81.6M	77.161M	80.96M	77.081M	81.68M	77.001M
5570MHz	Pass	Inf	161.28M	155.202M	161.76M	154.243M	164.16M	155.202M	163.44M	154.003M

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

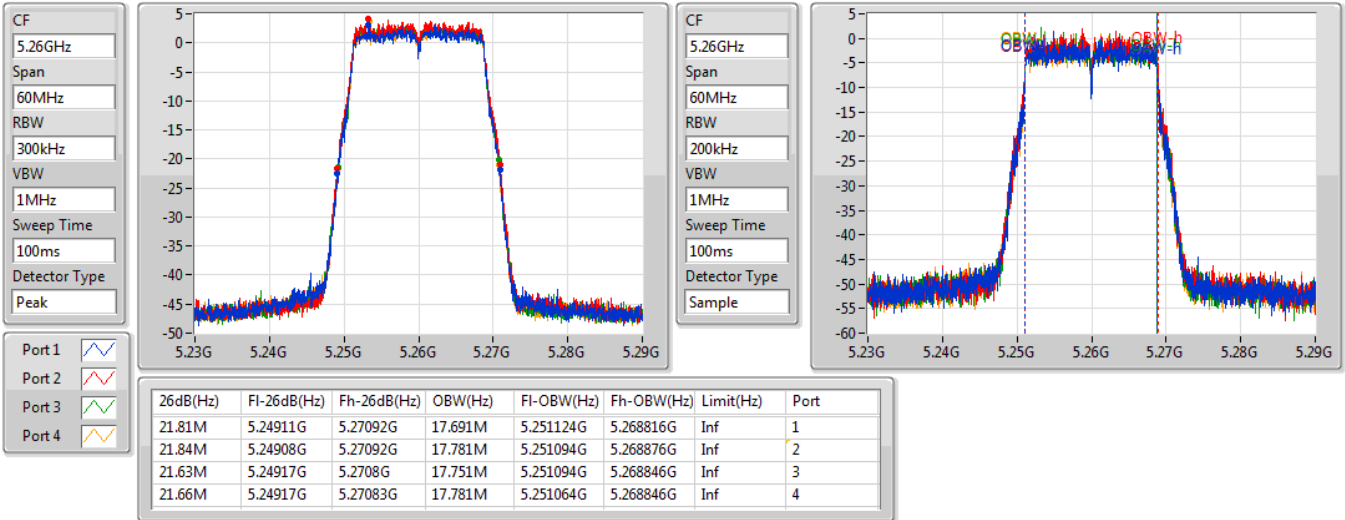
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

03/12/2019

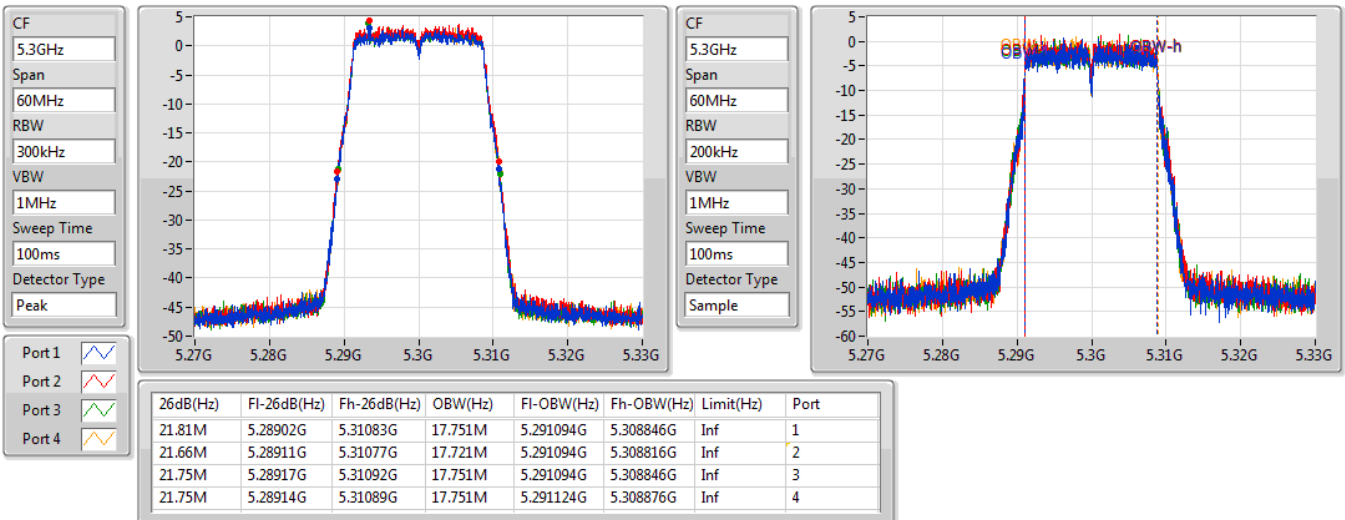


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5300MHz

03/12/2019

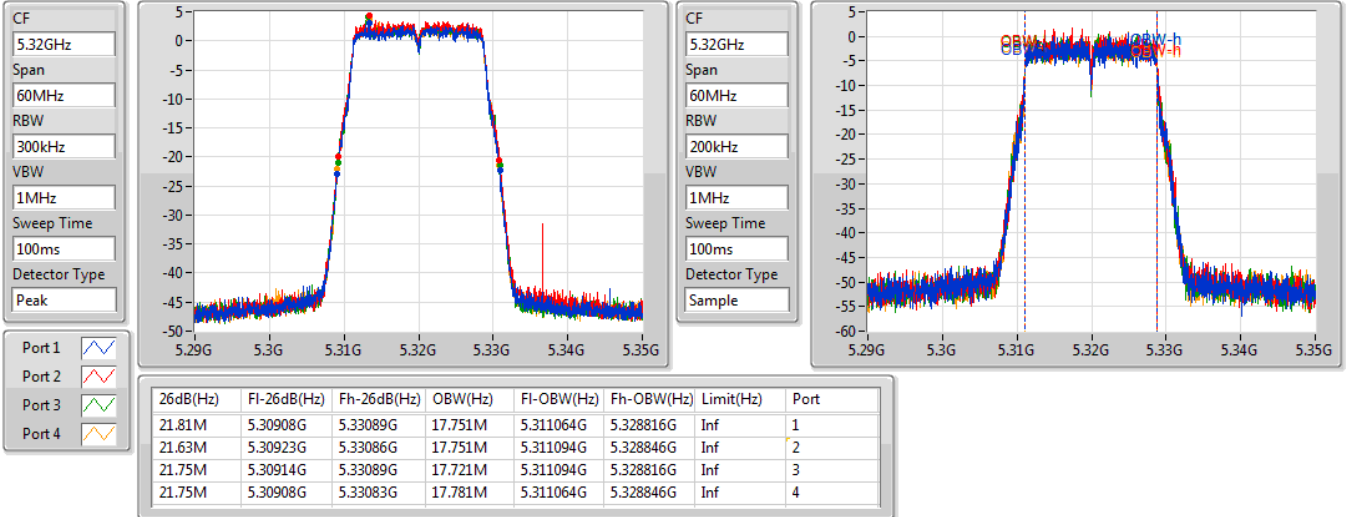


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5320MHz

03/12/2019

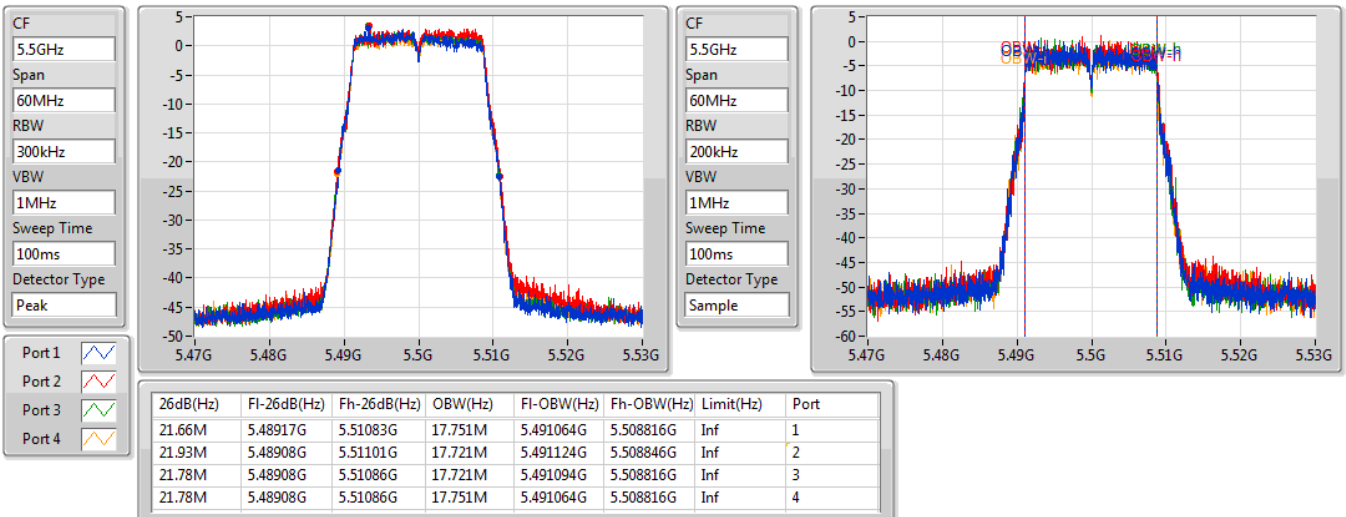


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5500MHz

03/12/2019

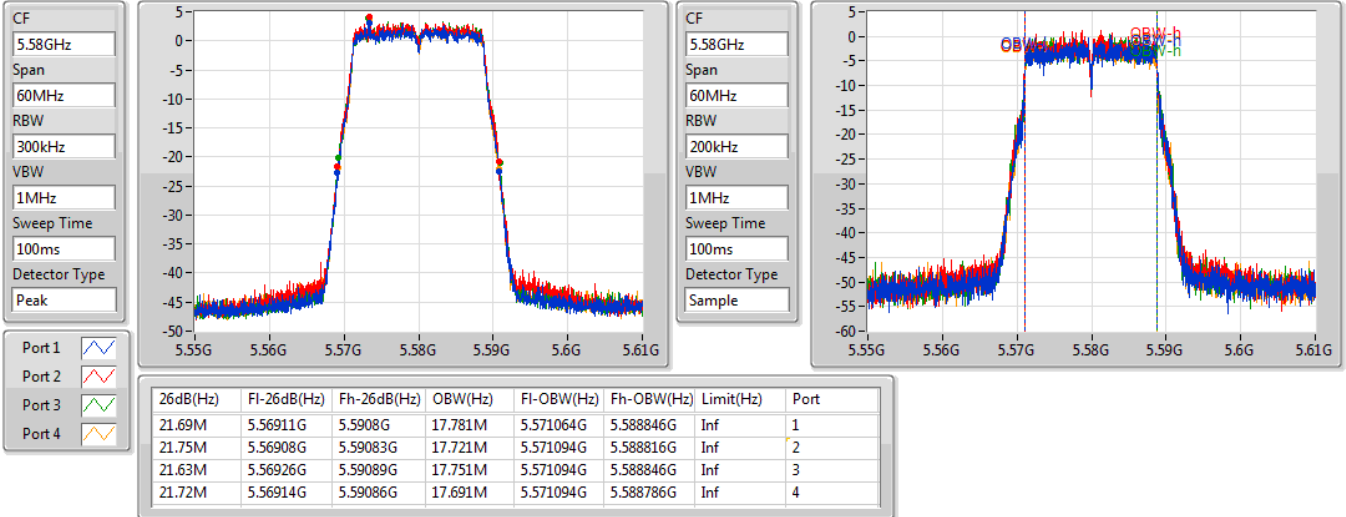


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5580MHz

03/12/2019

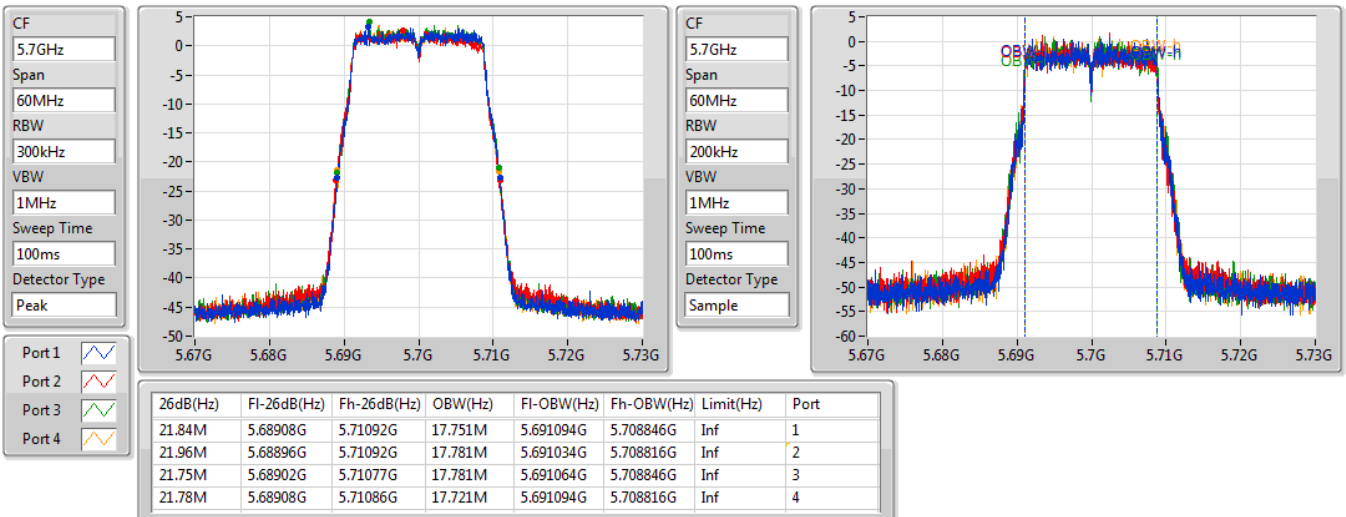


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5700MHz

03/12/2019

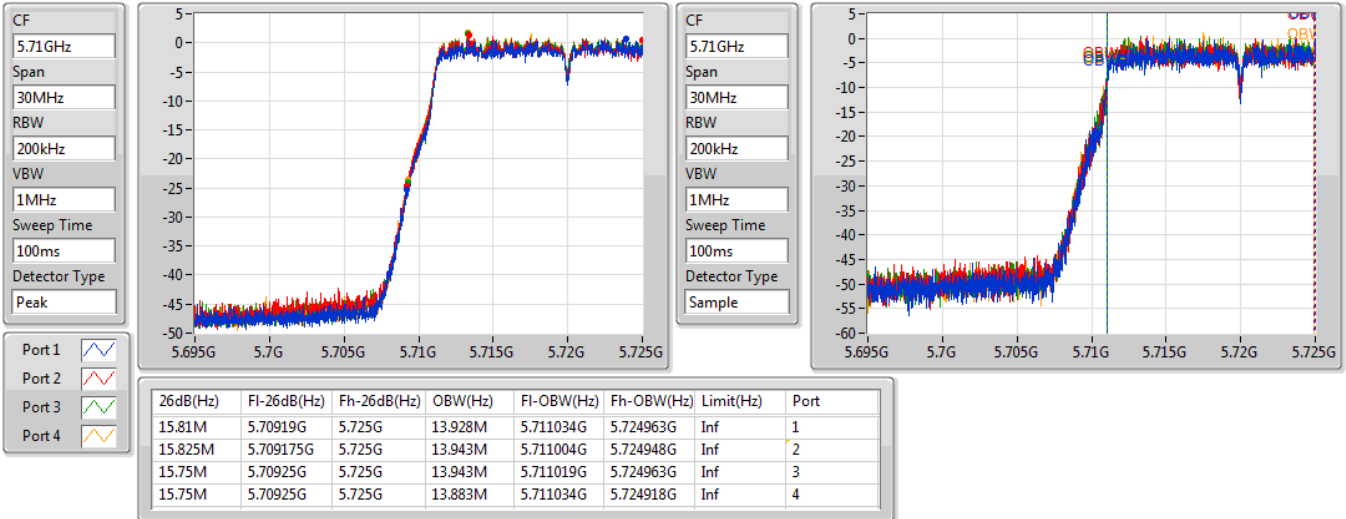


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/12/2019

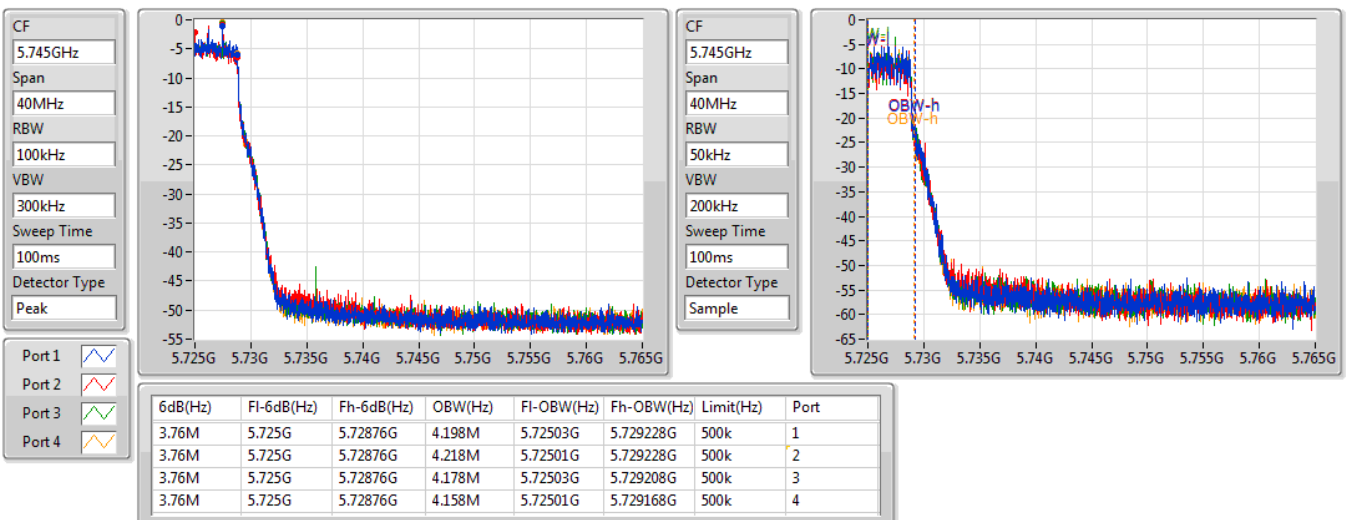


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/12/2019

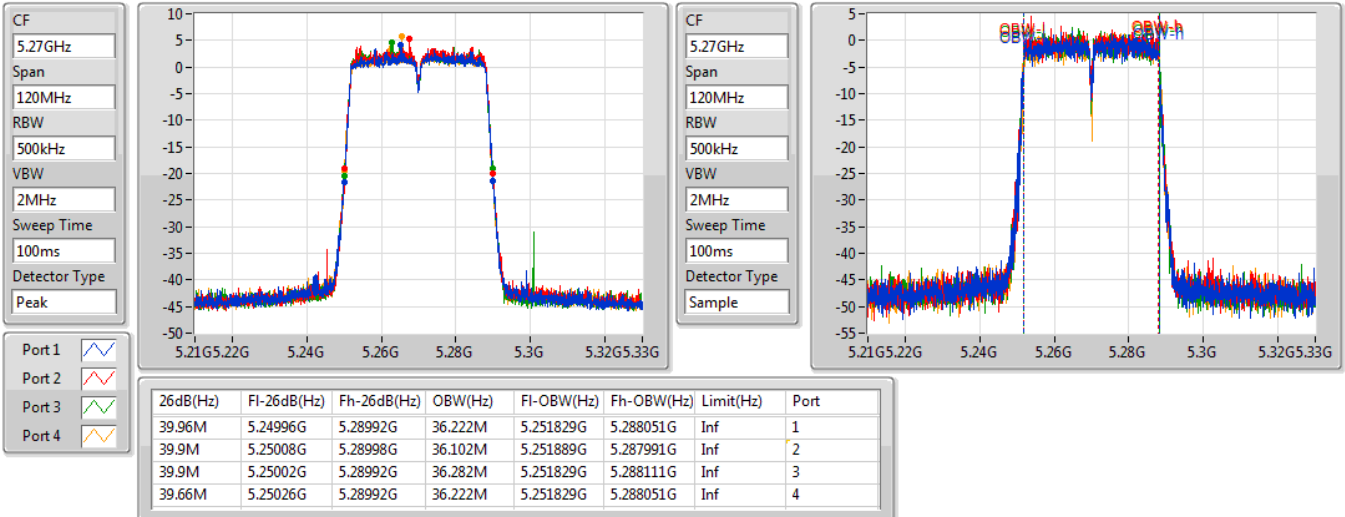


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5270MHz

03/12/2019

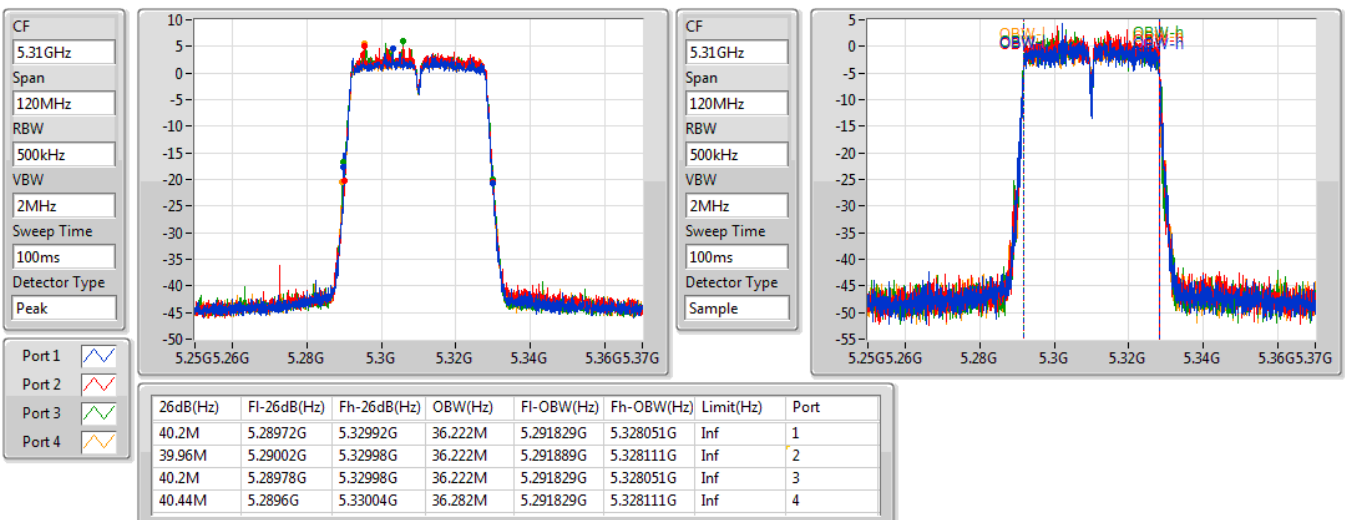


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

03/12/2019

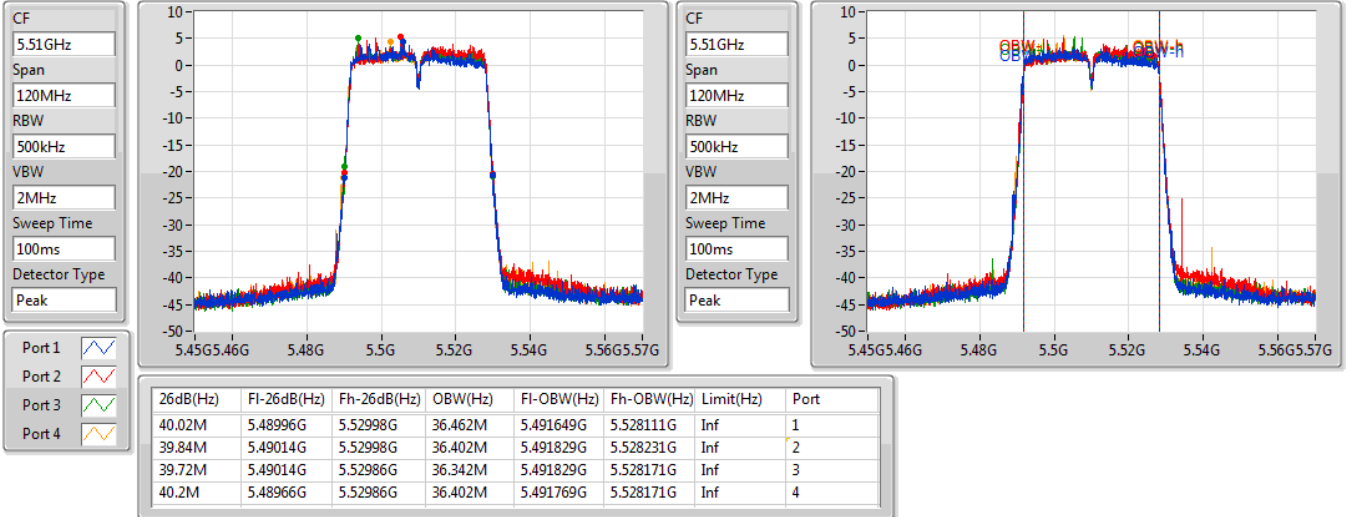


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

03/12/2019

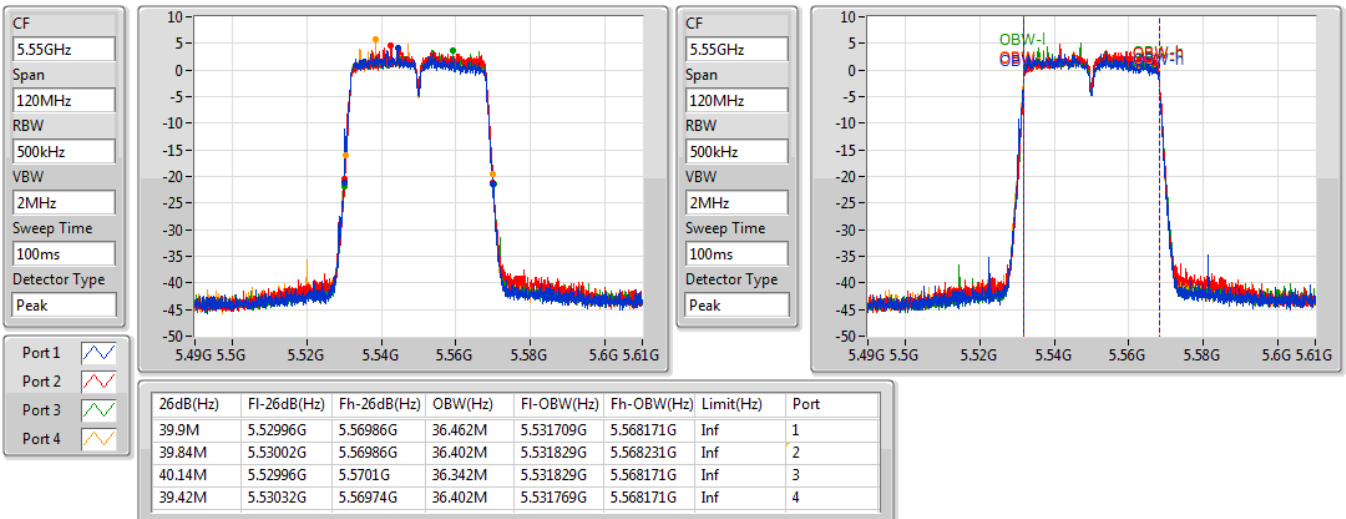


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5550MHz

03/12/2019

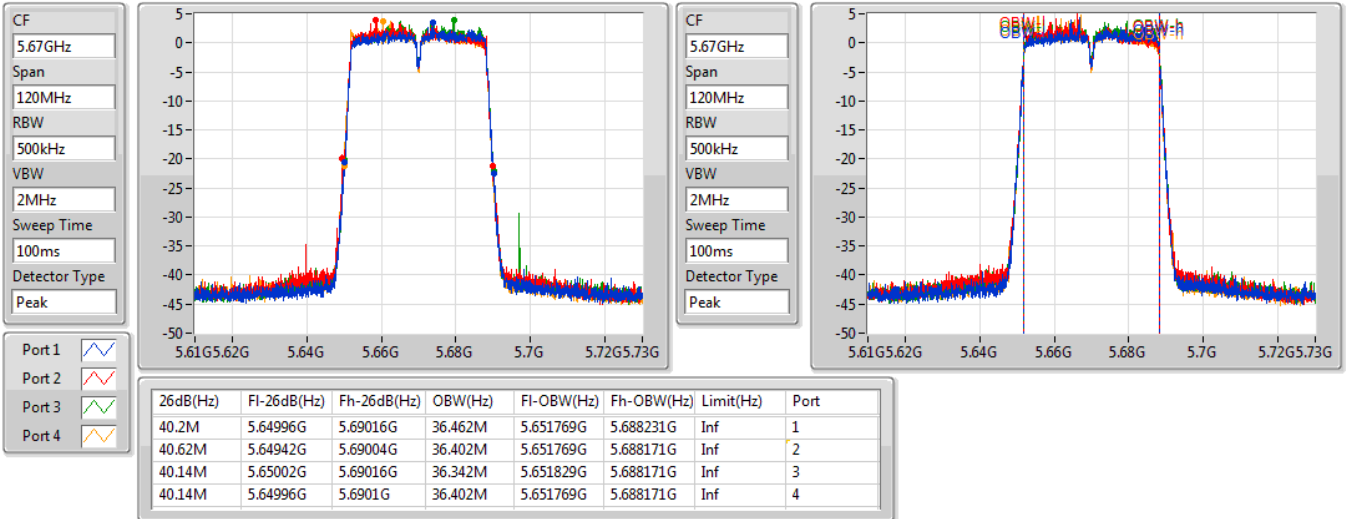


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5670MHz

03/12/2019

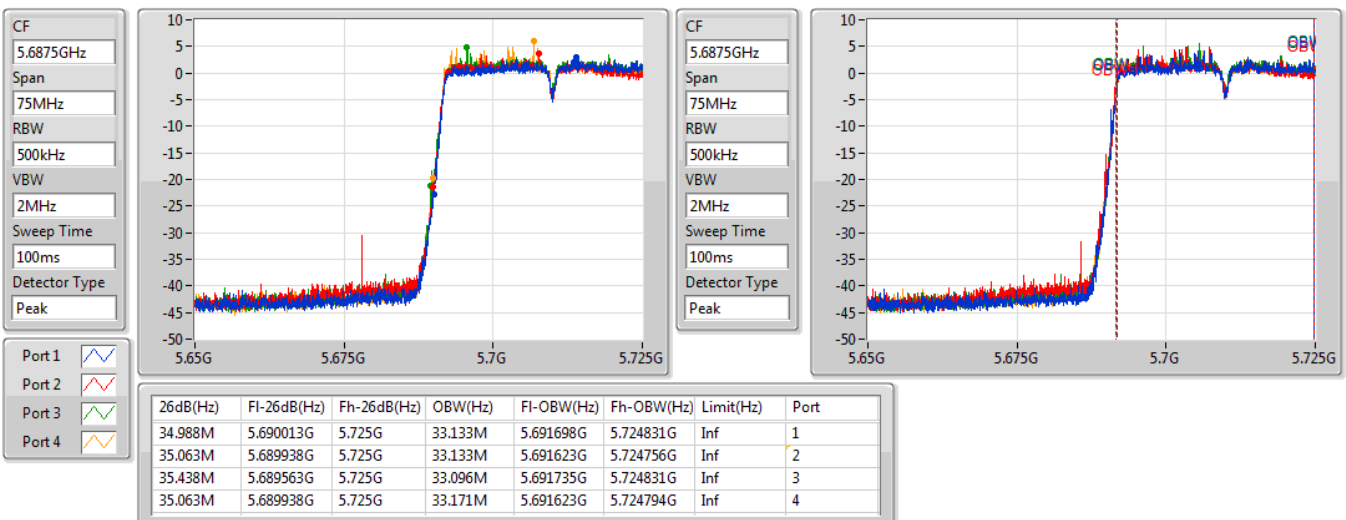


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

03/12/2019

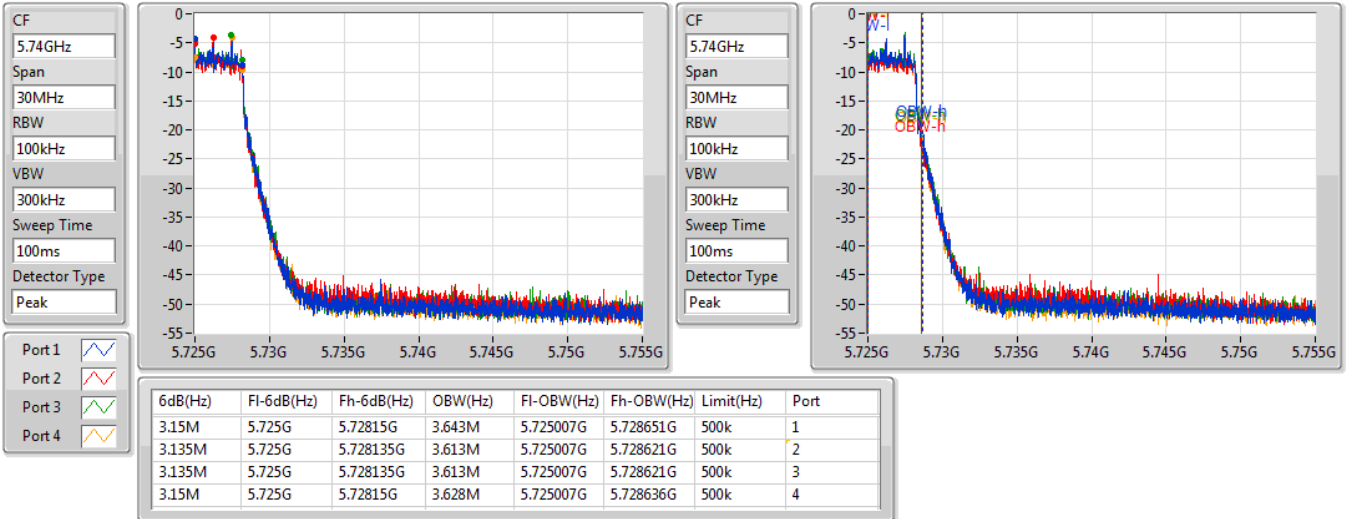


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/12/2019

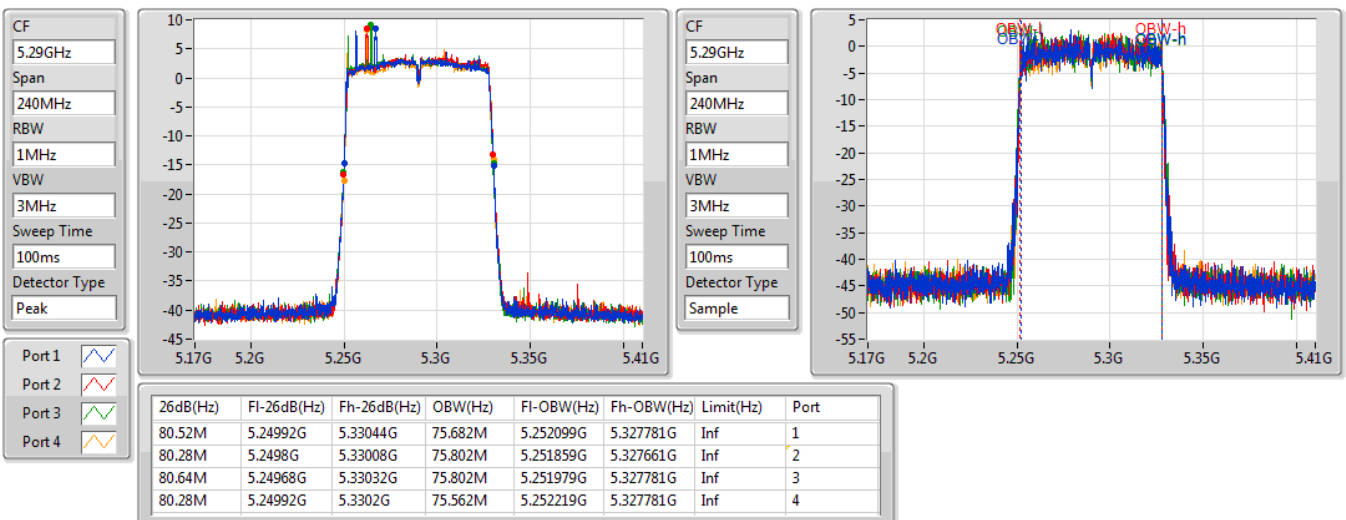


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

03/12/2019

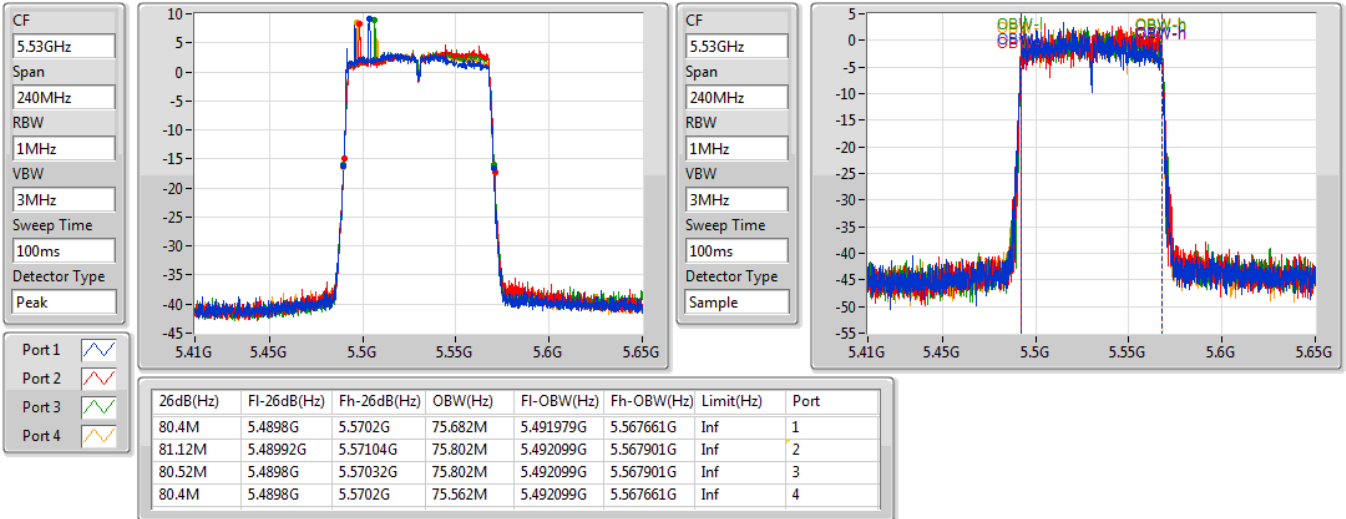


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5530MHz

03/12/2019

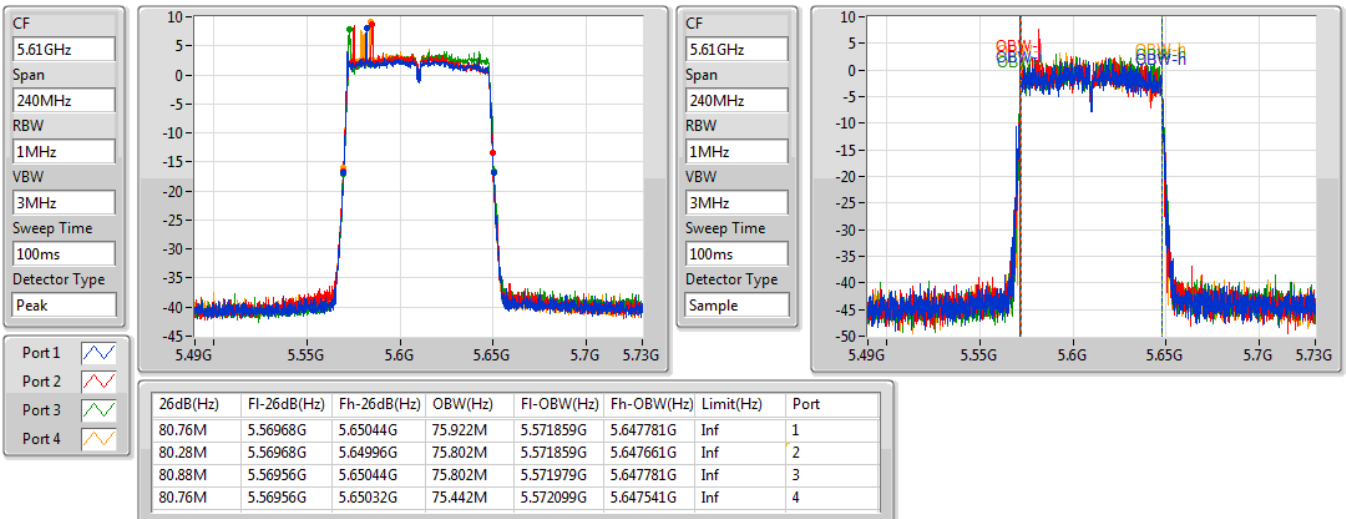


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5610MHz

03/12/2019

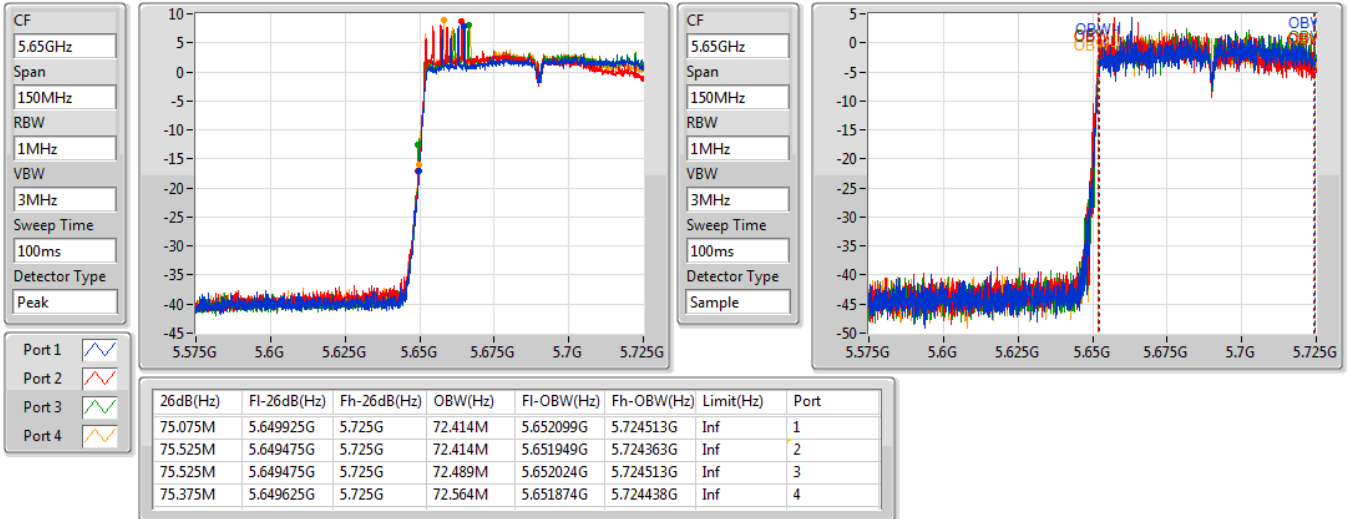


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

03/12/2019

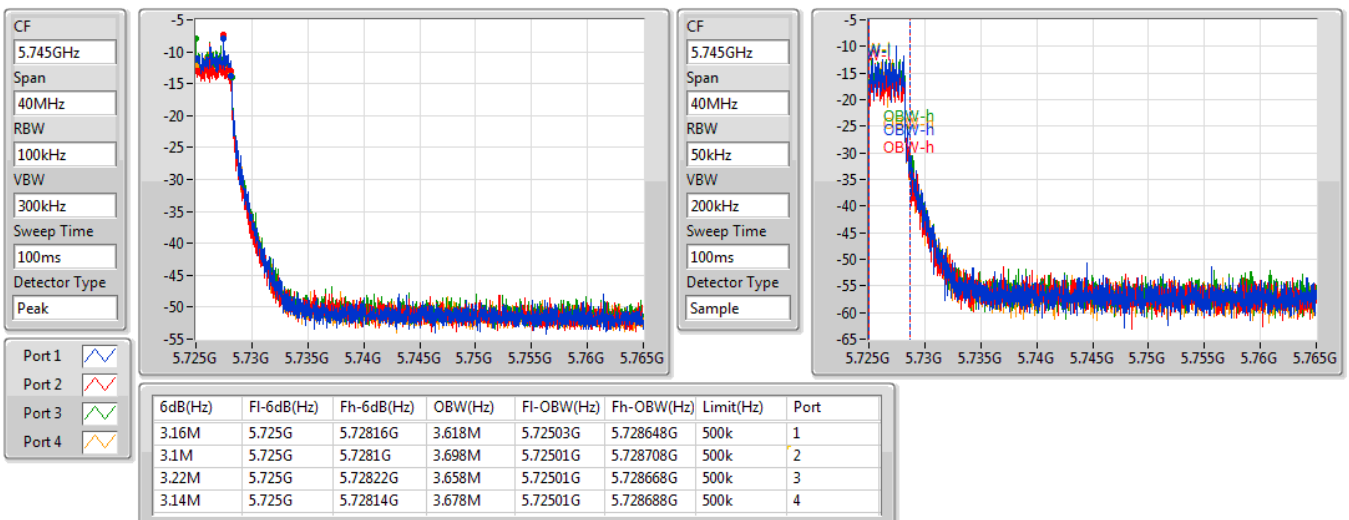


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

03/12/2019

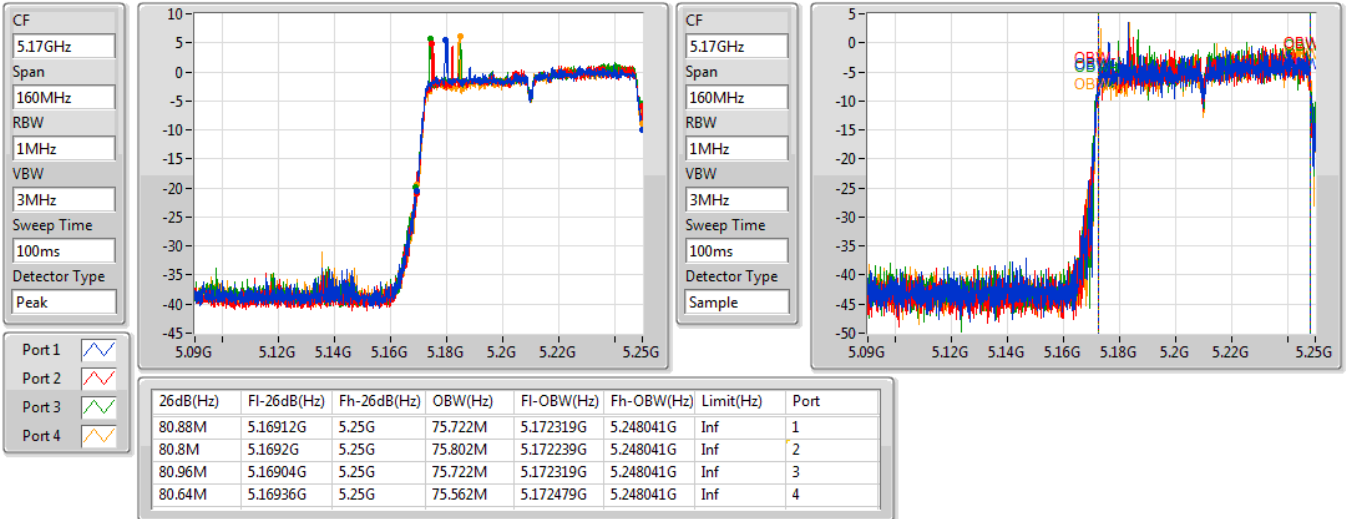


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

02/12/2019



802.11ac VHT160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019

