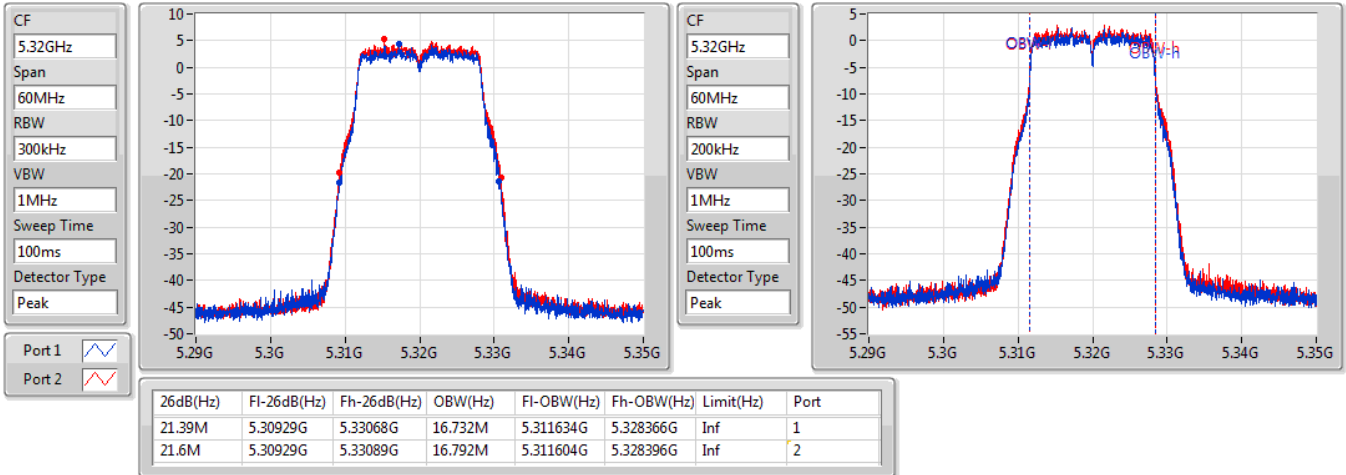
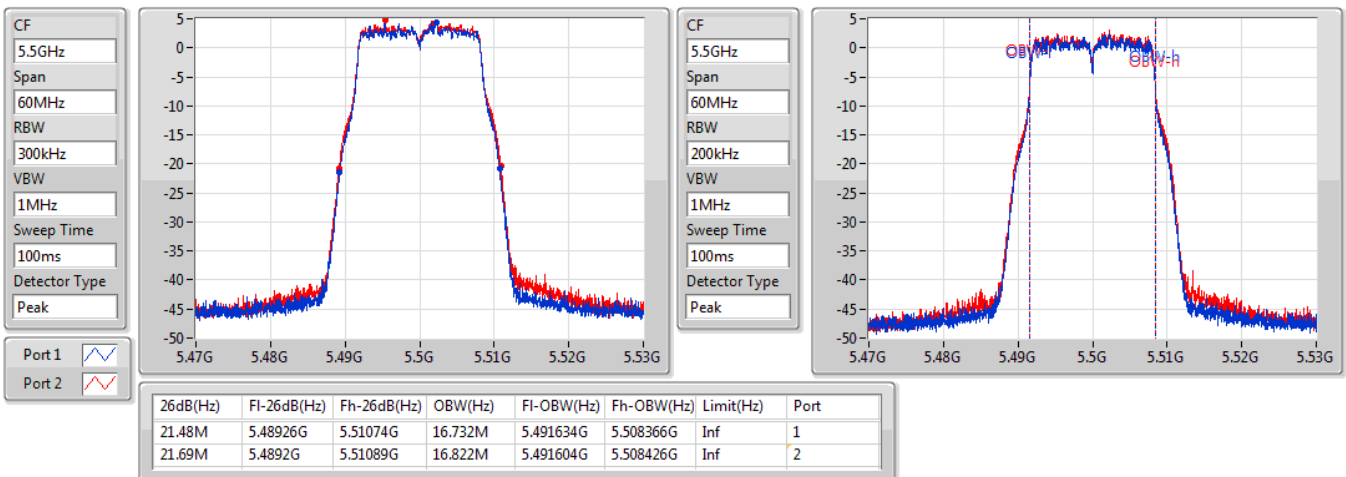


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

29/11/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

30/11/2019

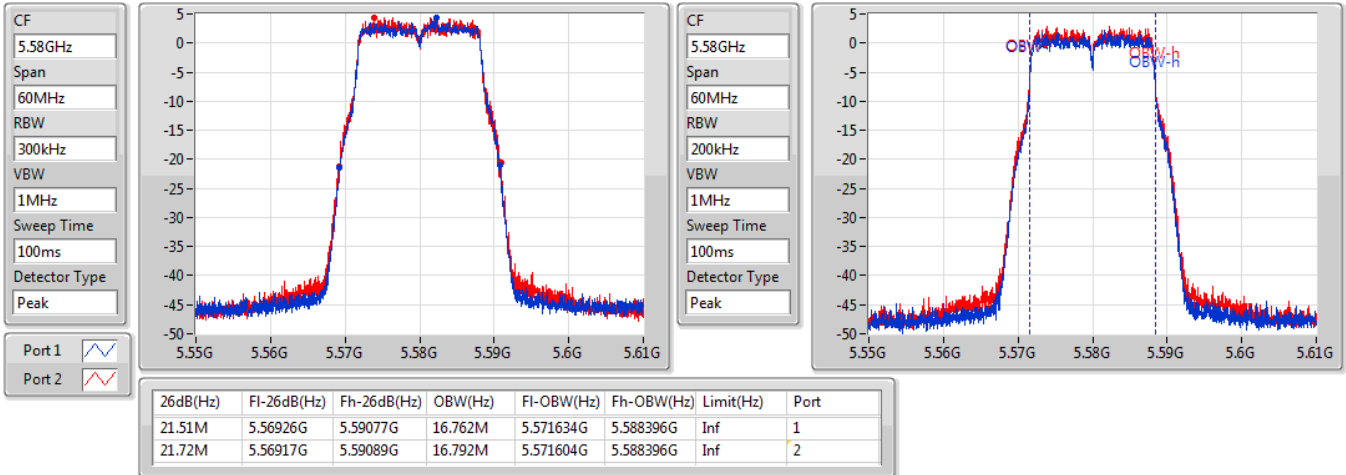


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

30/11/2019

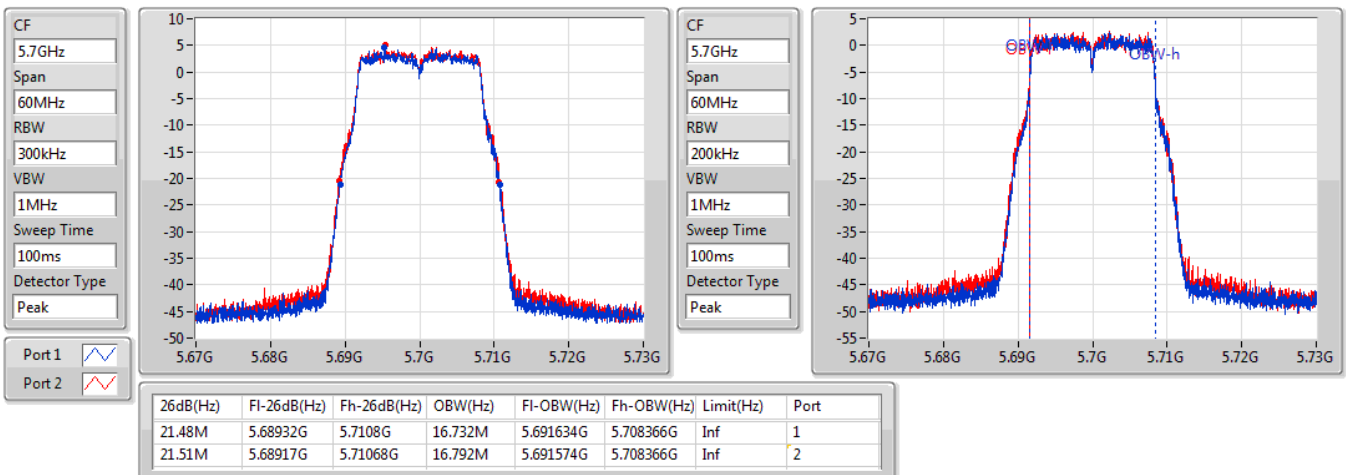


802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

30/11/2019

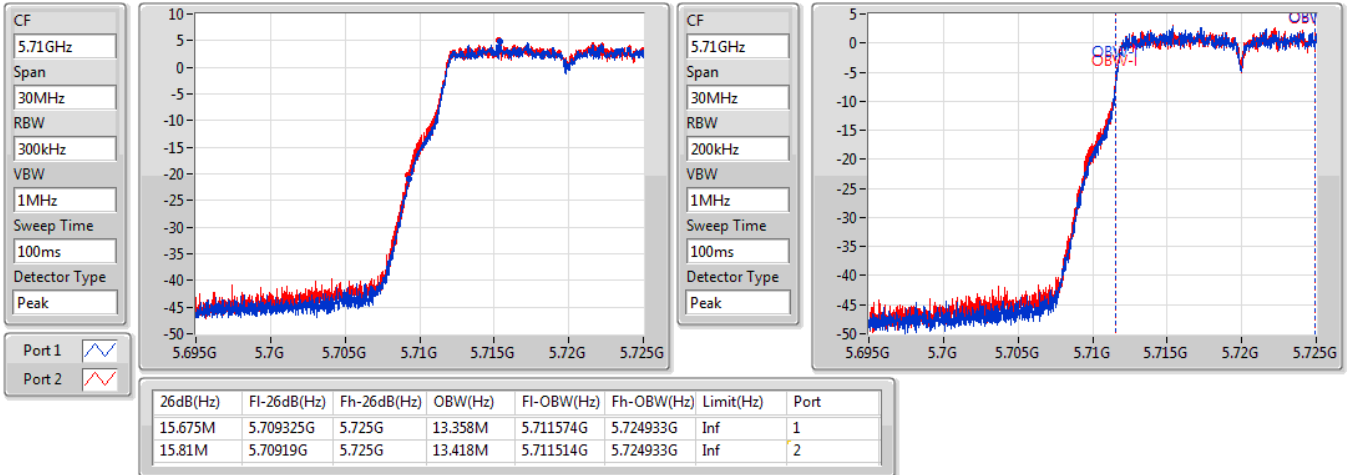


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/11/2019

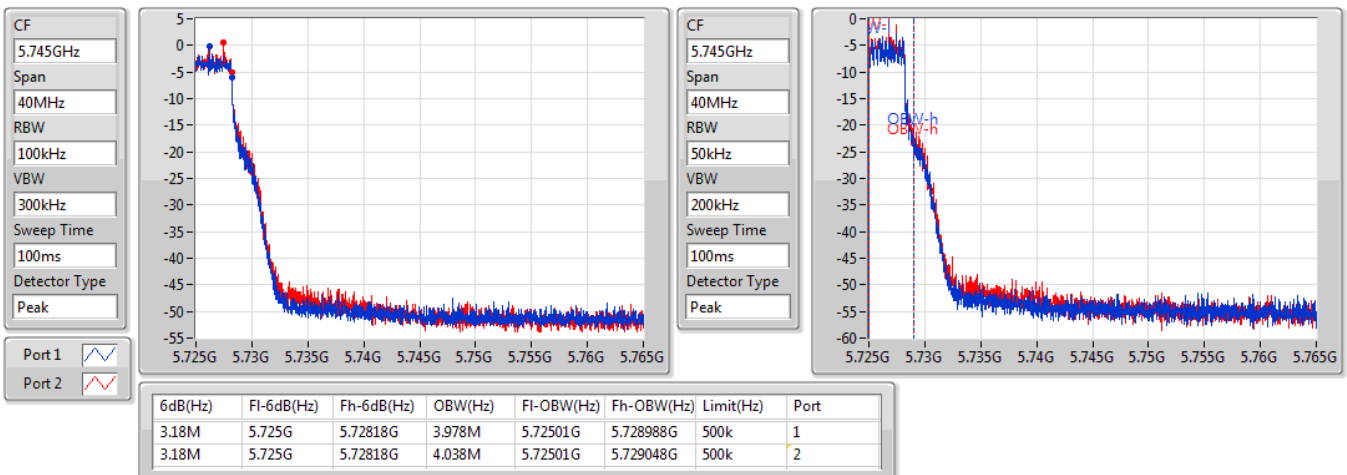


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/11/2019

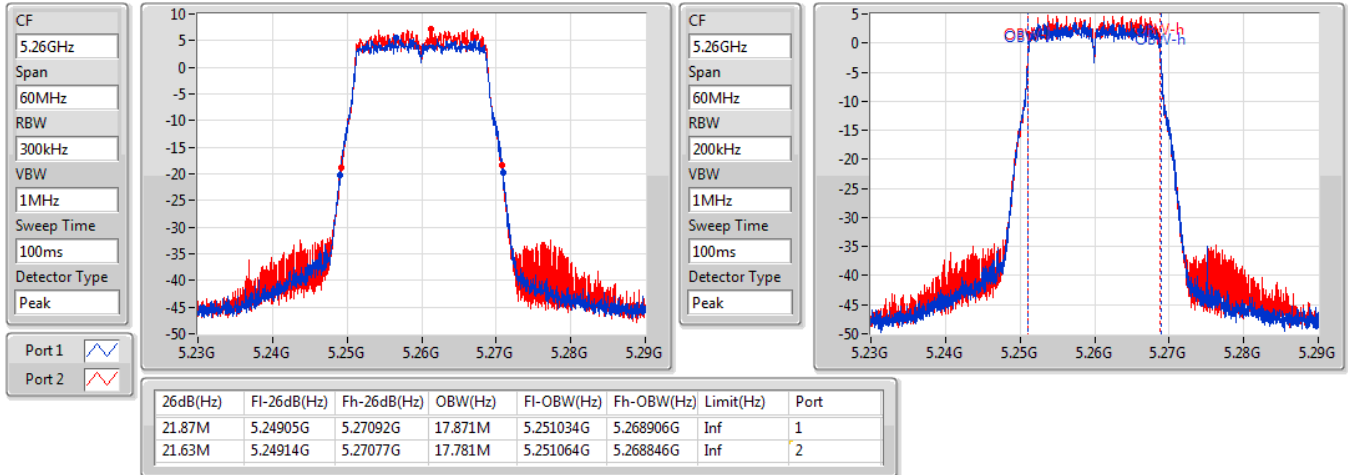


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

30/11/2019

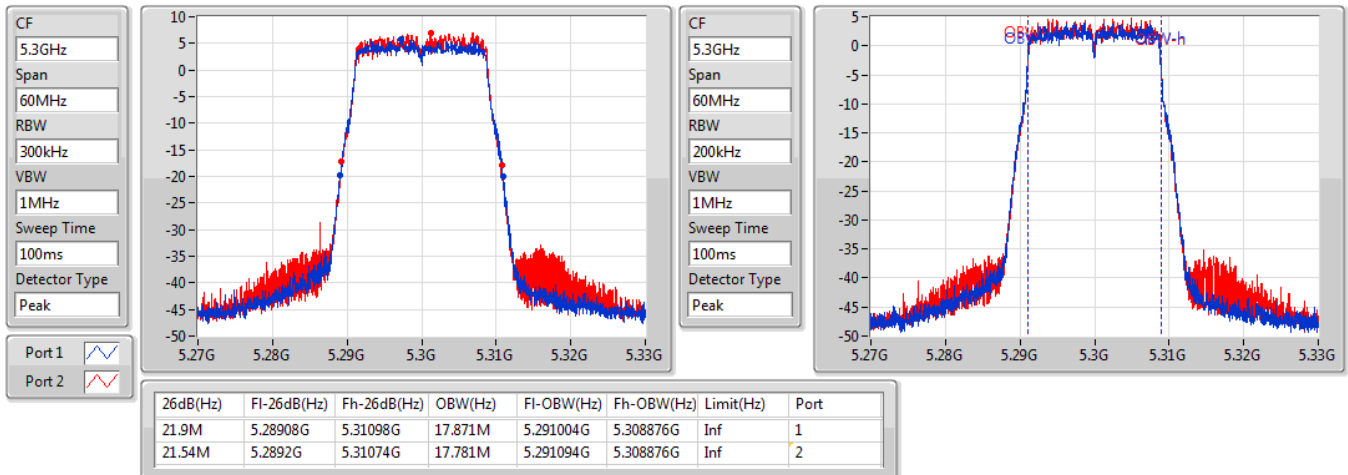


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

30/11/2019

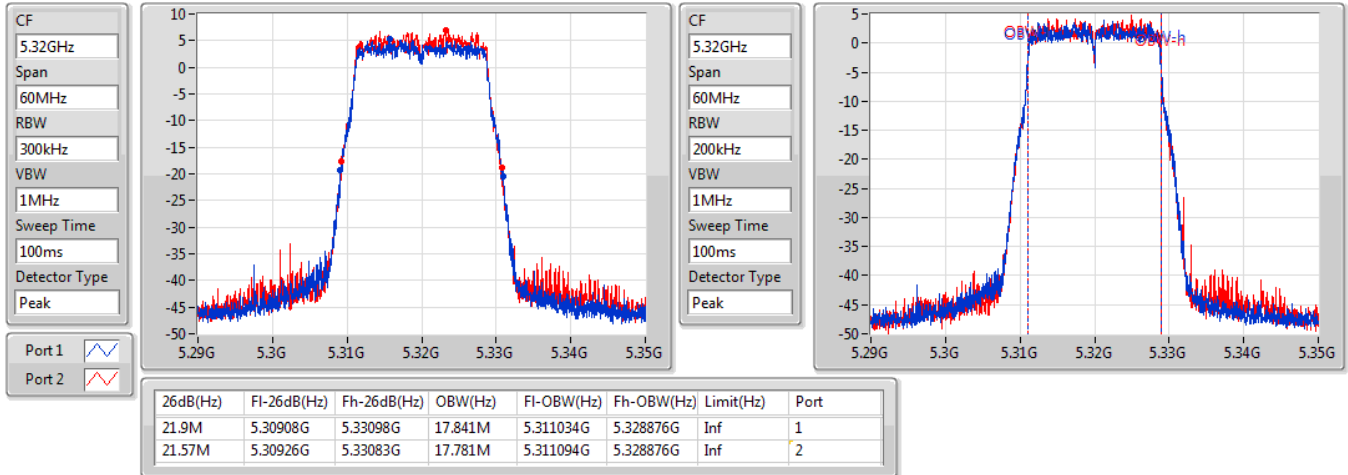


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

30/11/2019

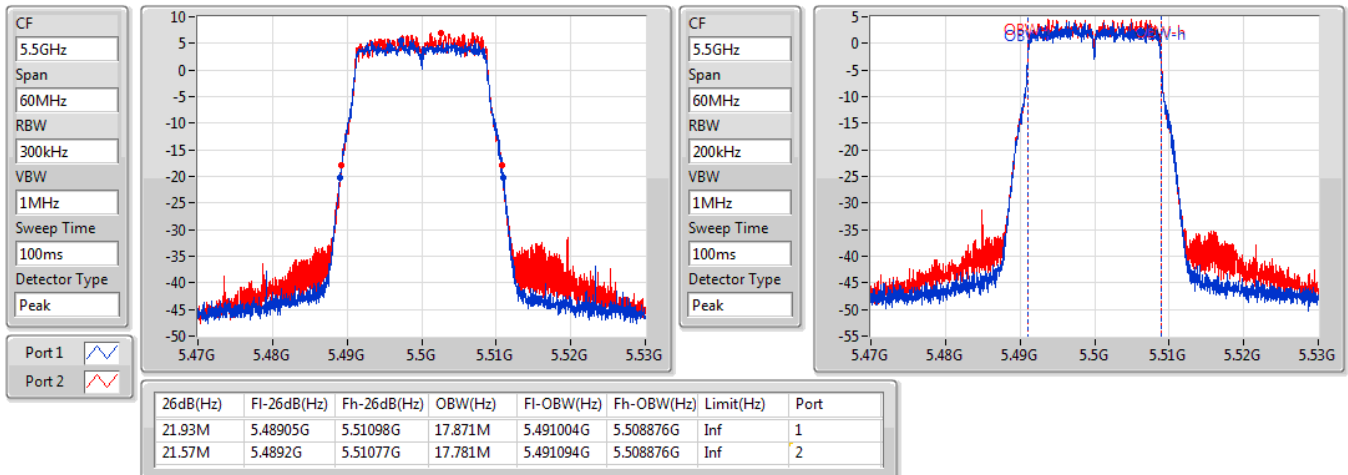


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5500MHz

30/11/2019

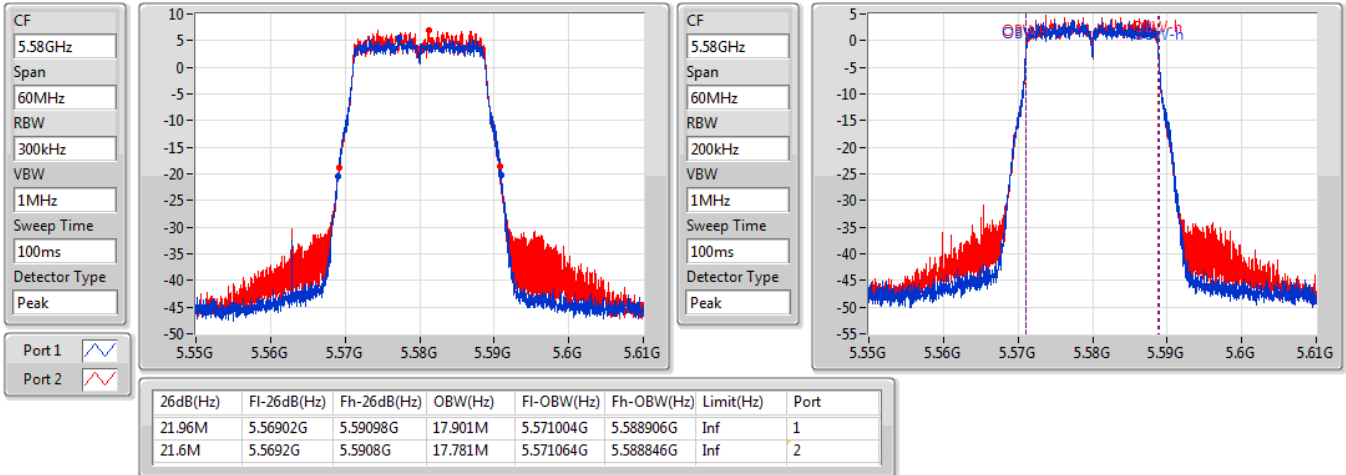


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

30/11/2019

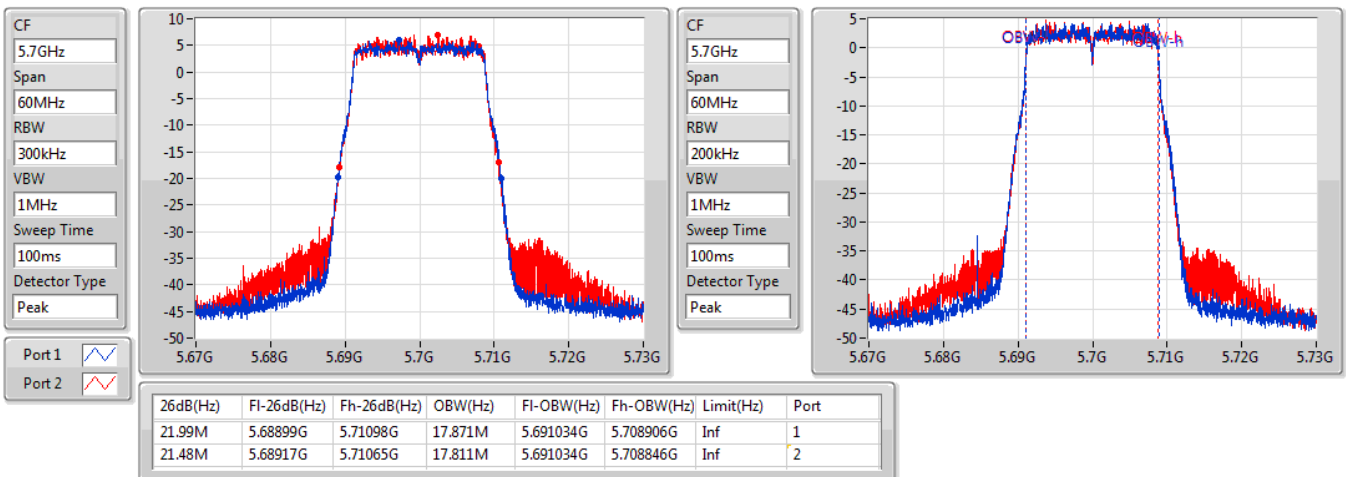


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

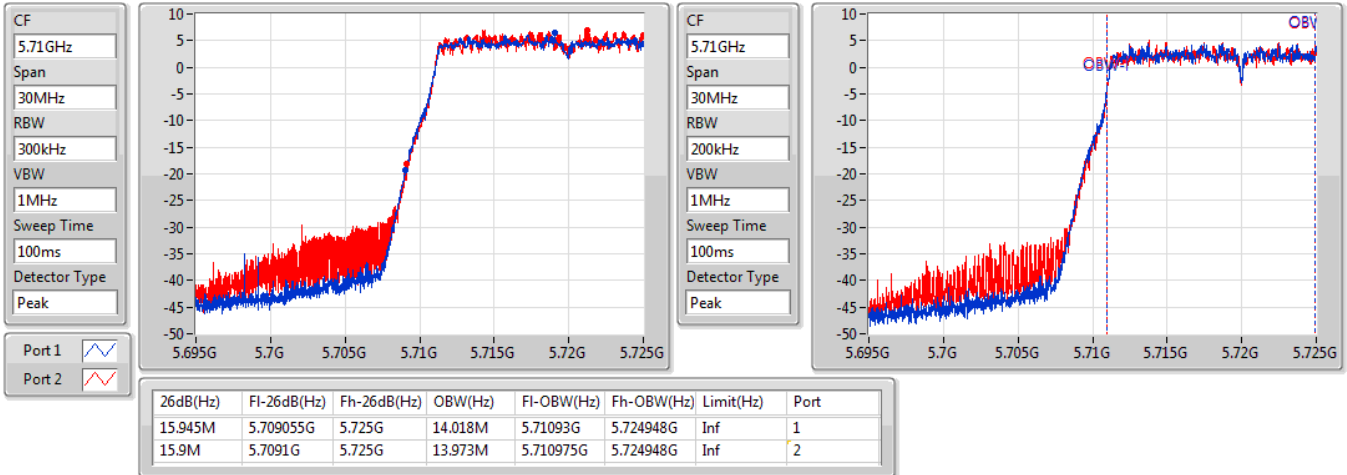
5700MHz

30/11/2019

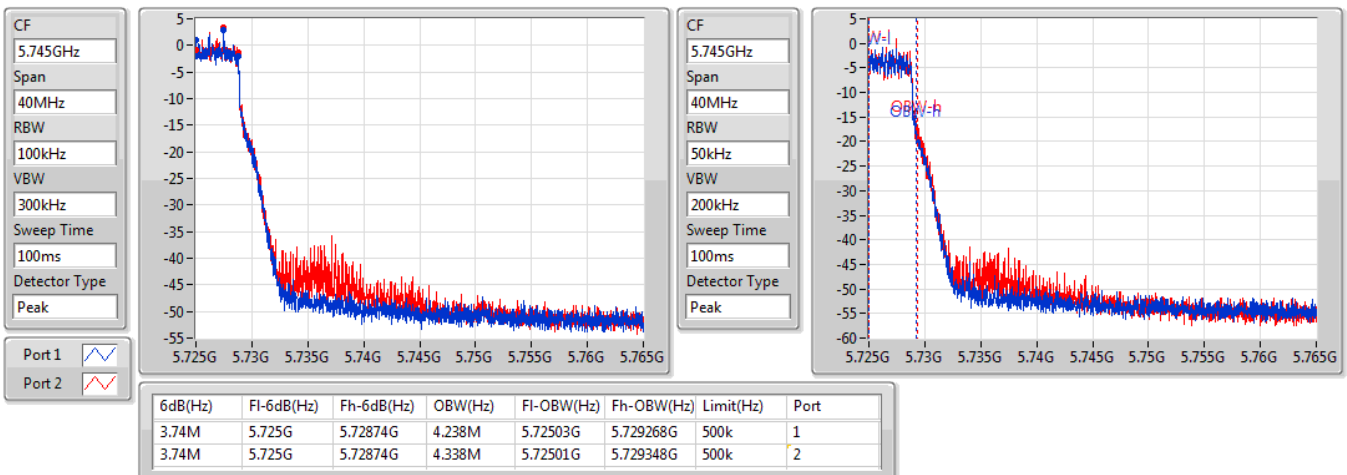


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/11/2019


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/11/2019

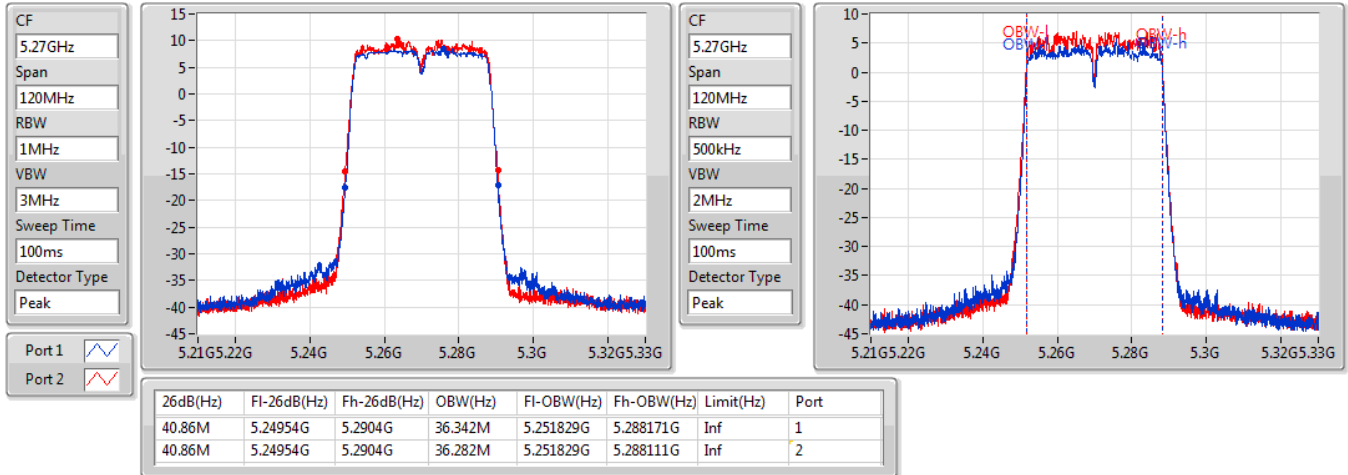


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

30/11/2019

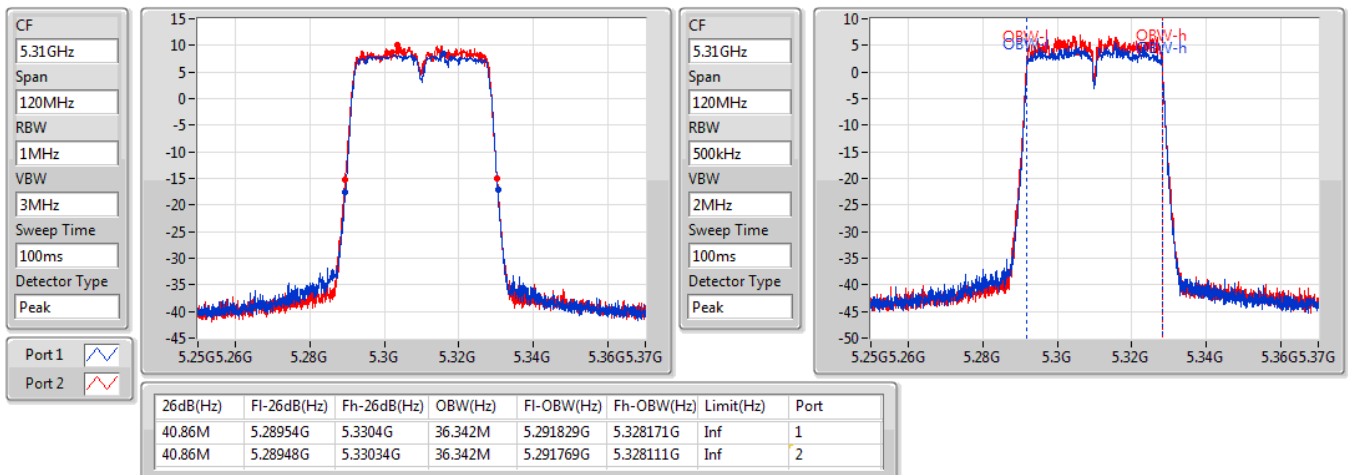


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

30/11/2019

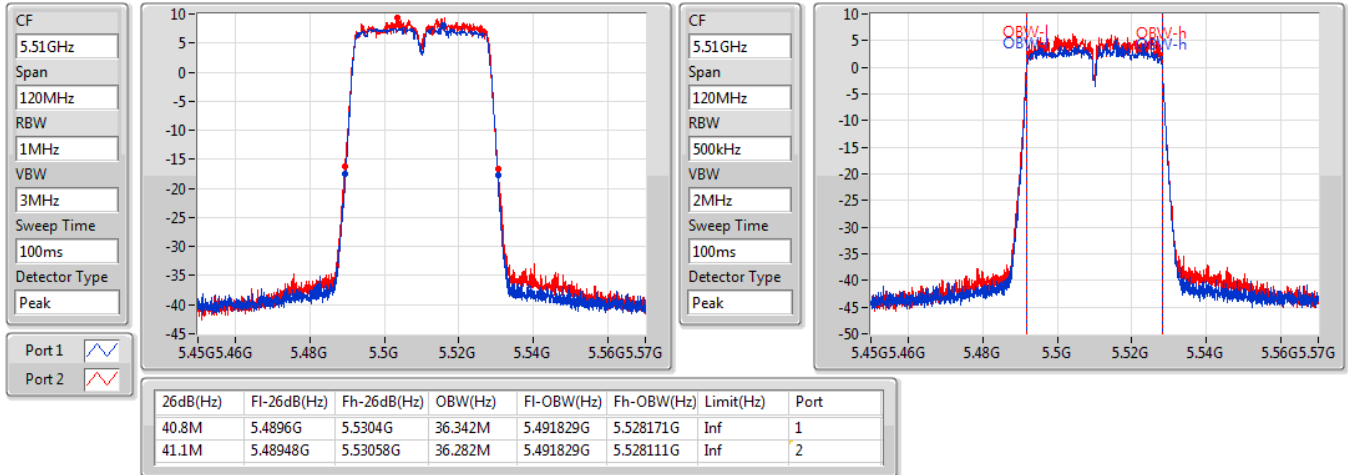


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

30/11/2019

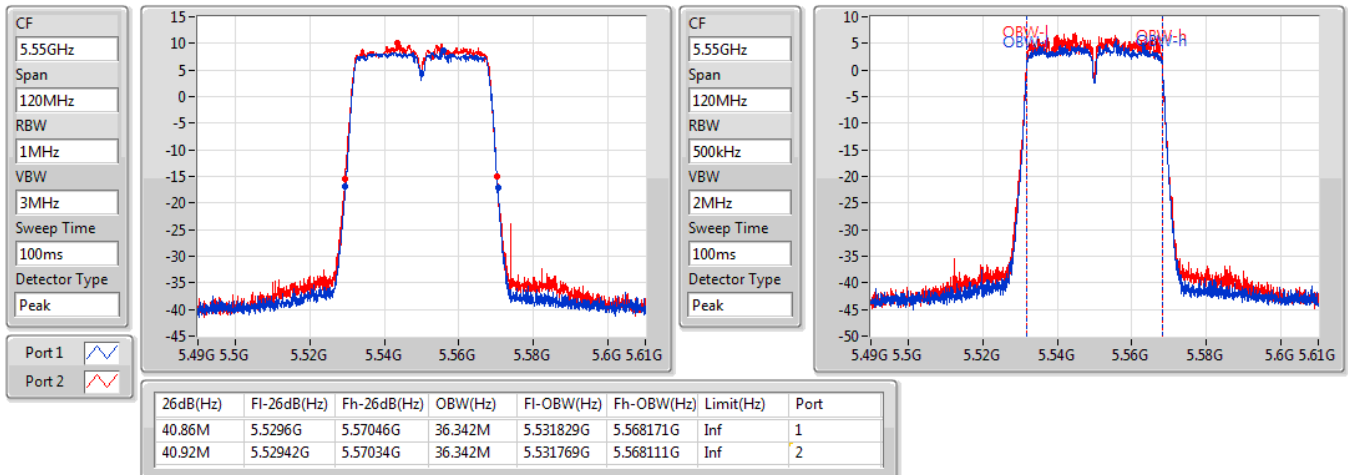


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5550MHz

30/11/2019

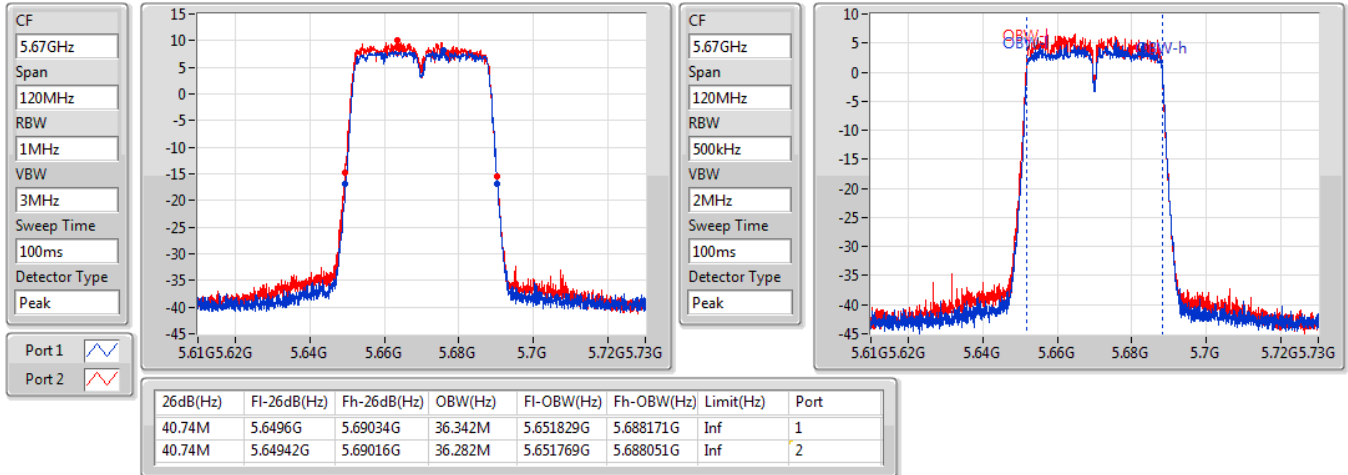


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5670MHz

30/11/2019

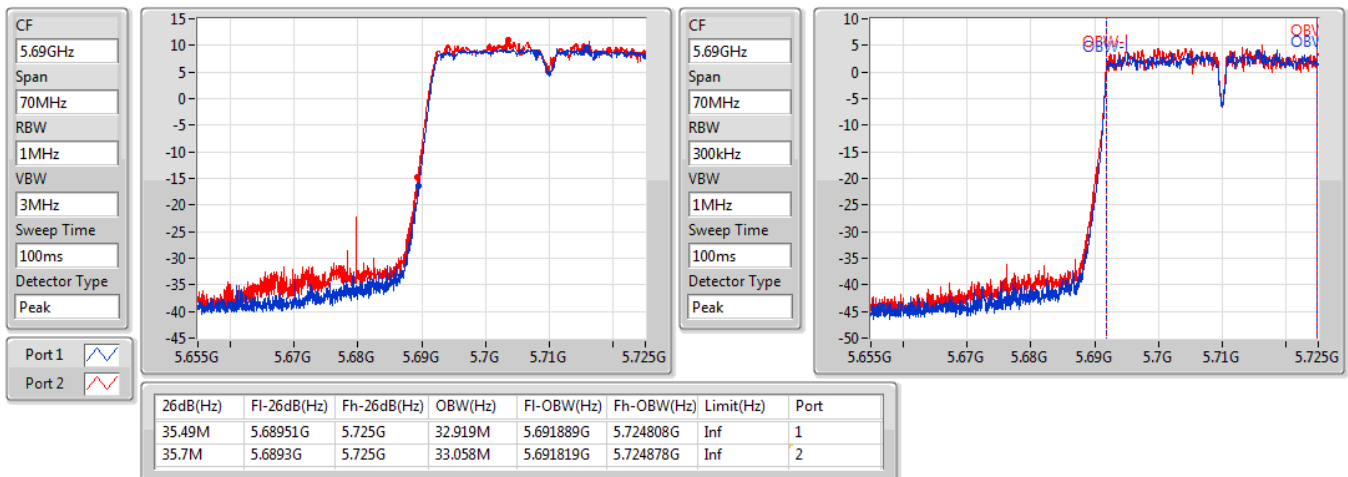


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

30/11/2019

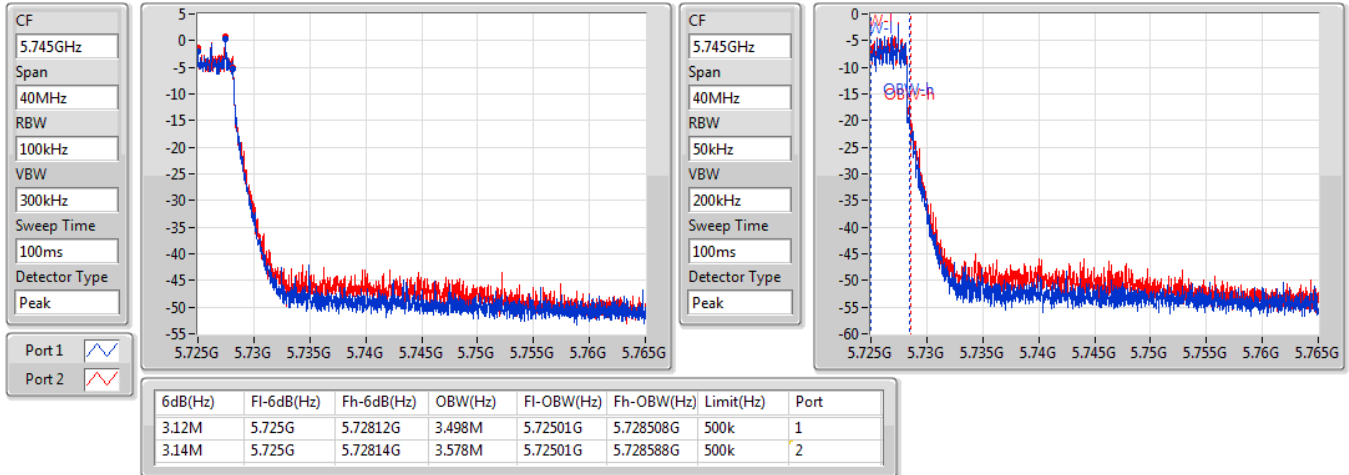


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/11/2019

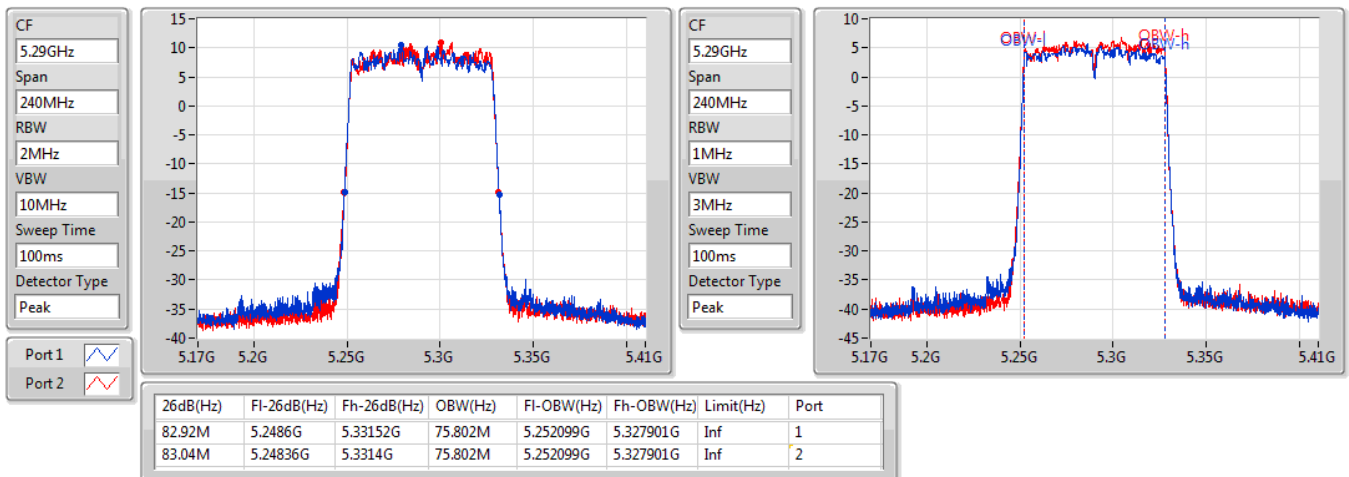


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

30/11/2019

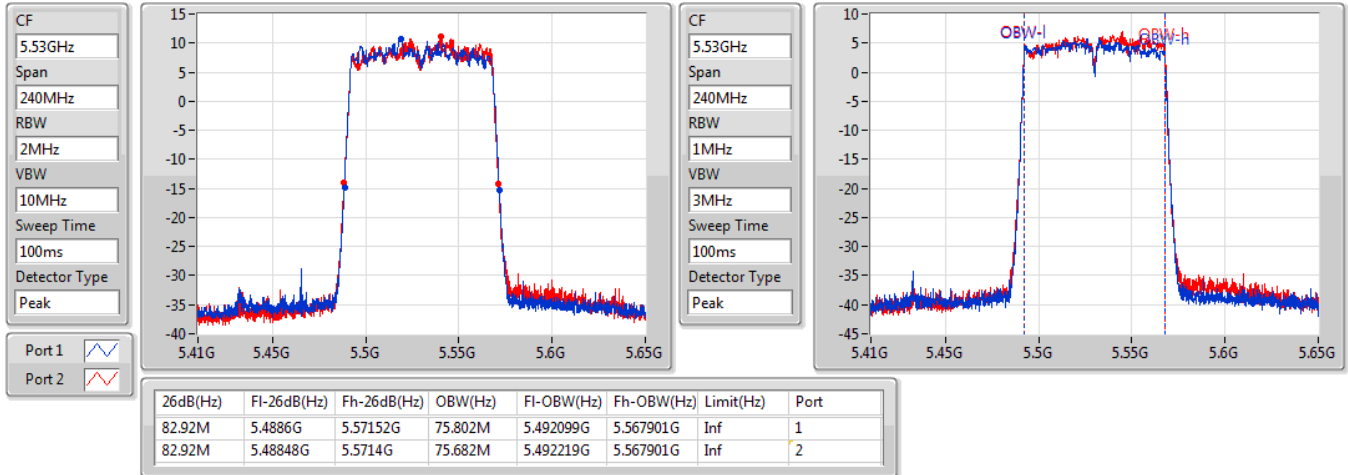


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

30/11/2019

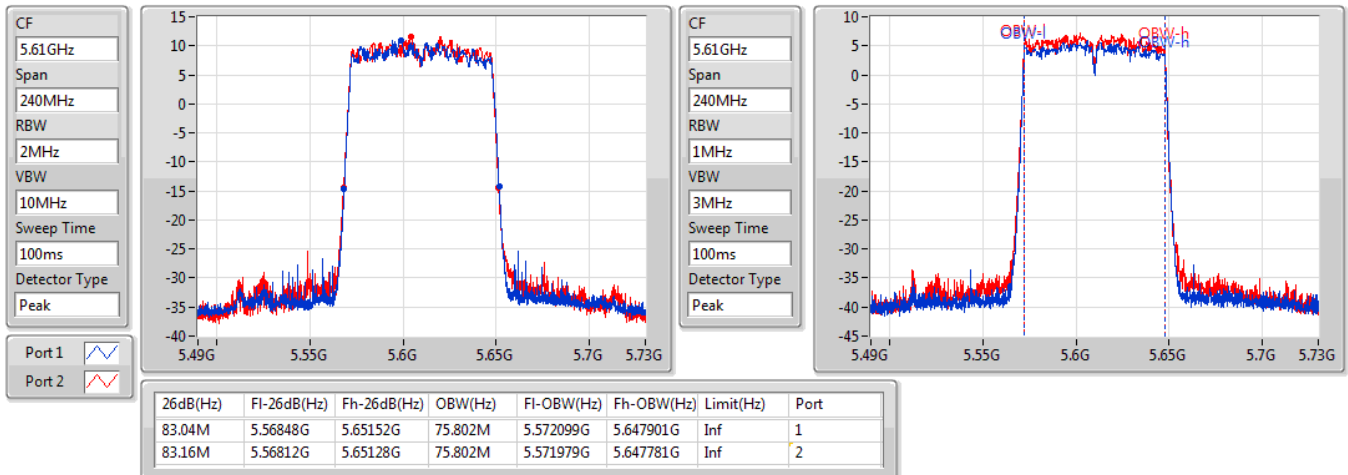


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5610MHz

30/11/2019

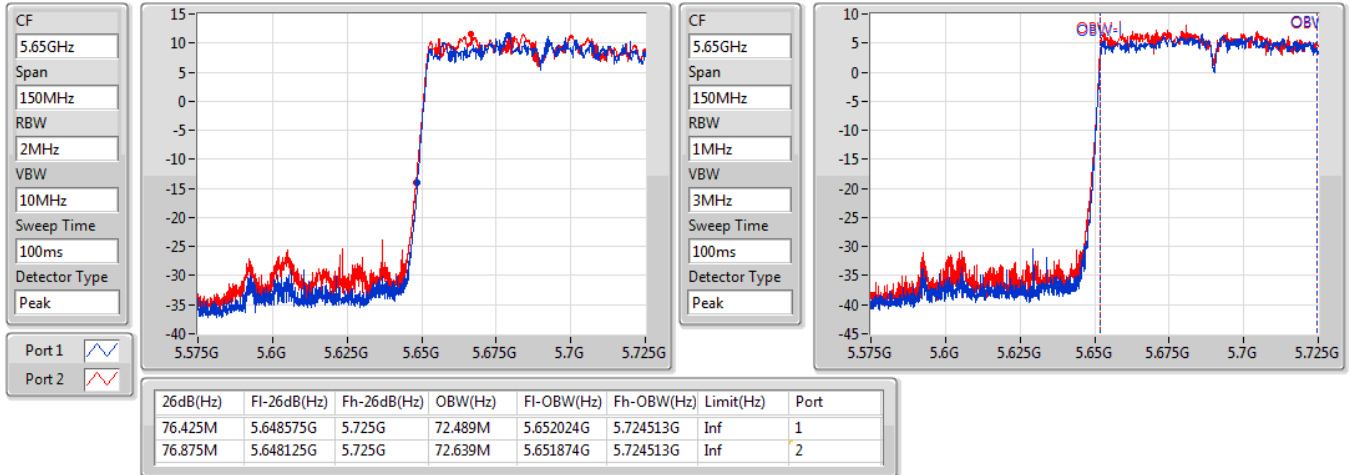


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

30/11/2019

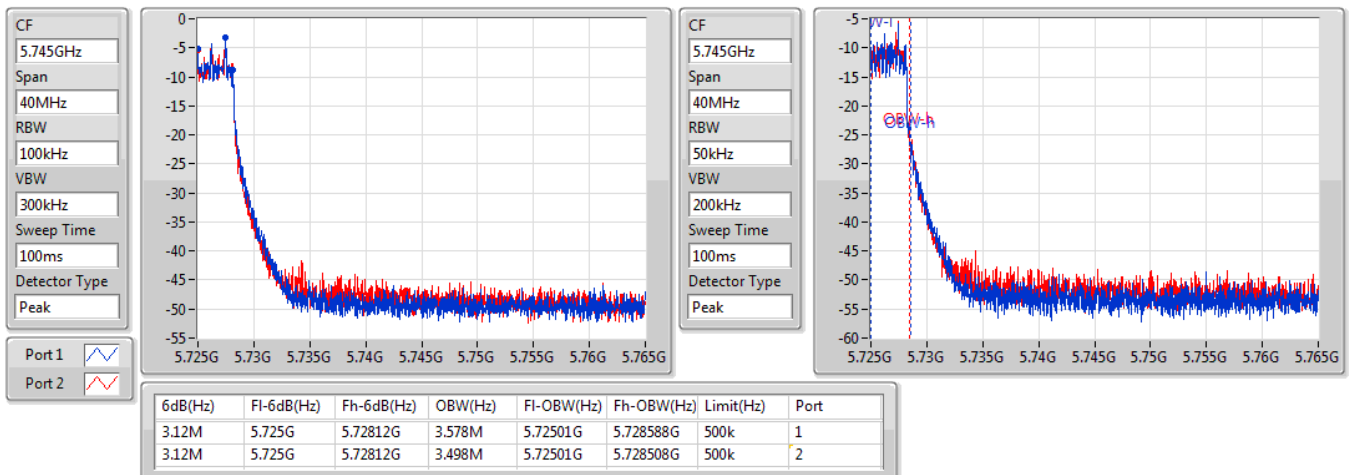


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/11/2019

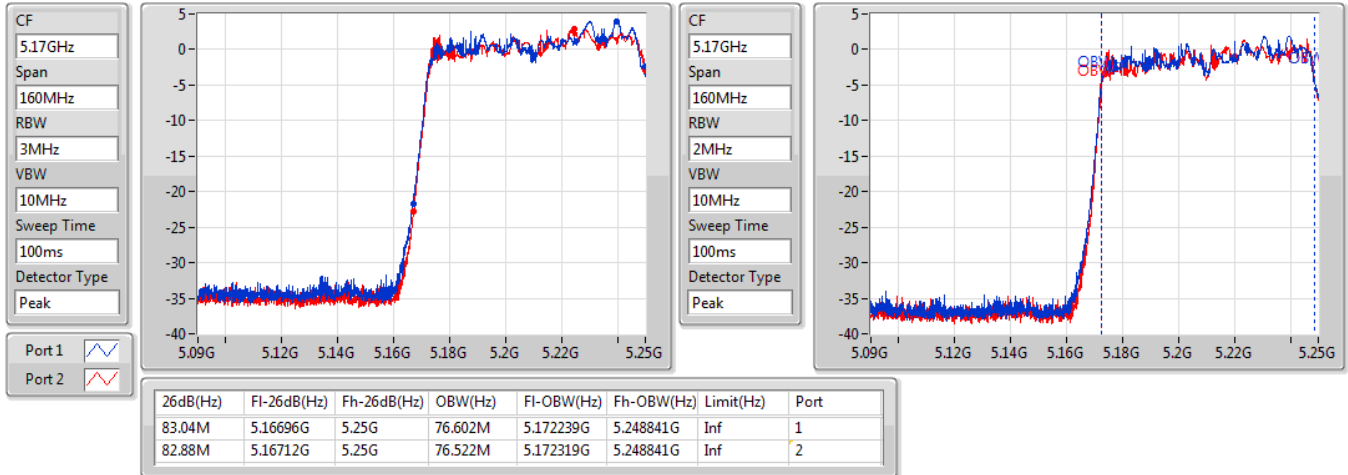


802.11ac VHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

04/12/2019

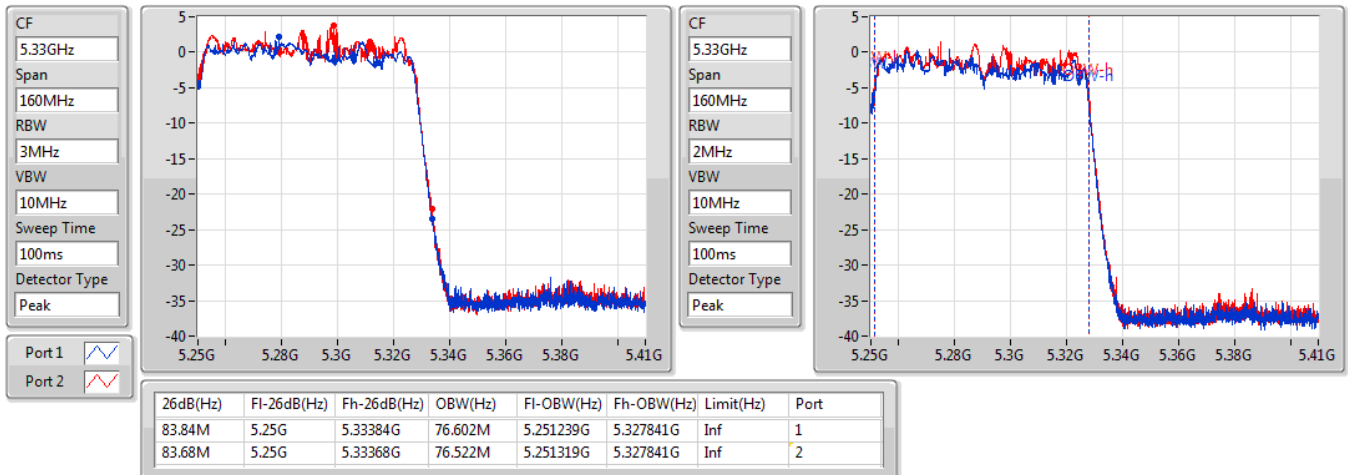


802.11ac VHT160_Nss2,(MCS0)_2TX

EBW

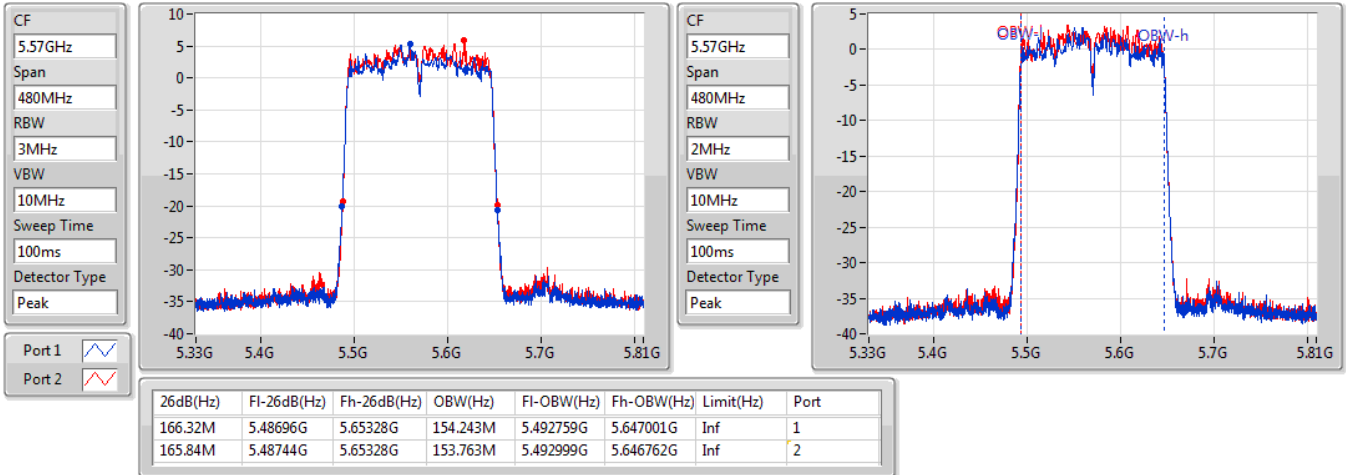
5250MHz Straddle 5.25-5.35GHz

30/11/2019

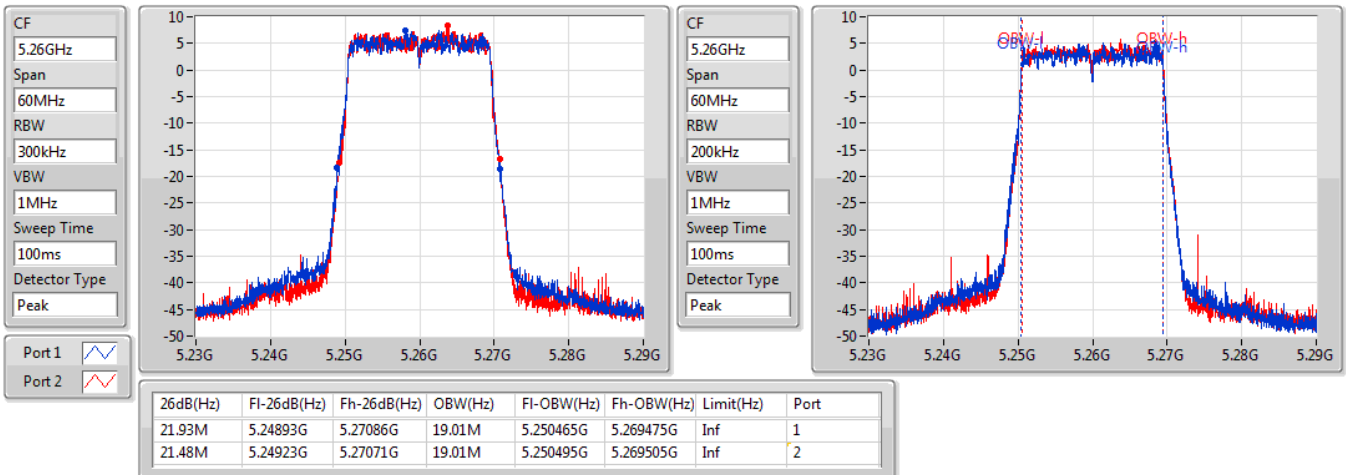


802.11ac VHT160_Nss2,(MCS0)_2TX
EBW
5570MHz

30/11/2019


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5260MHz

30/11/2019

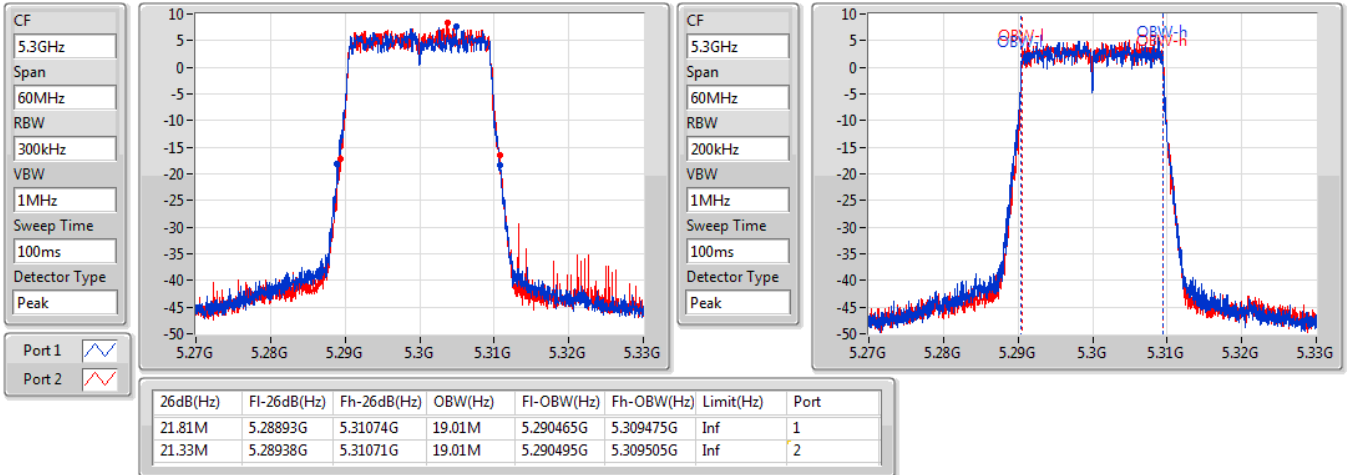


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5300MHz

30/11/2019

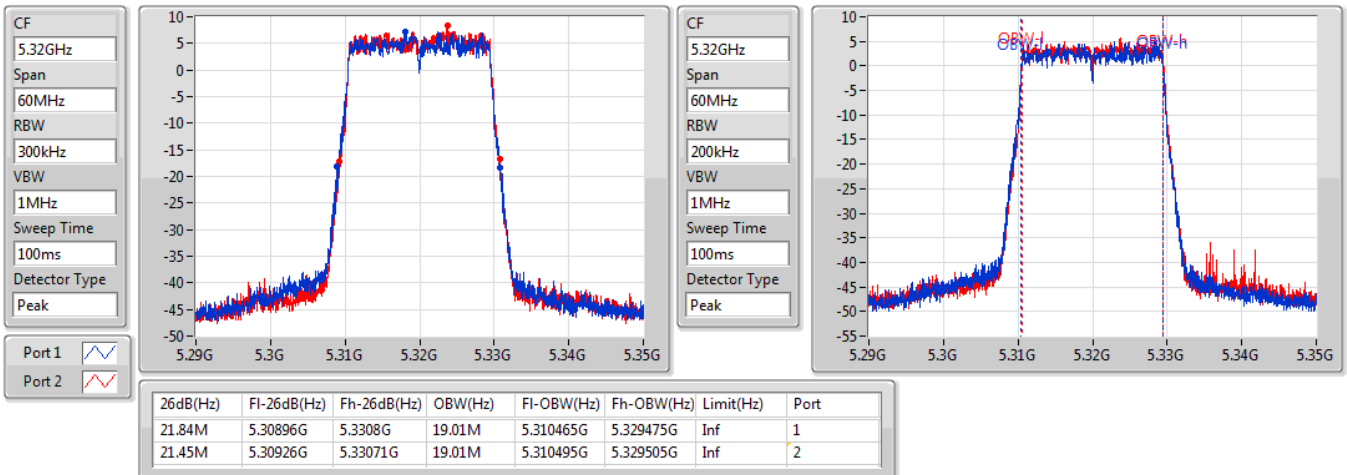


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

30/11/2019

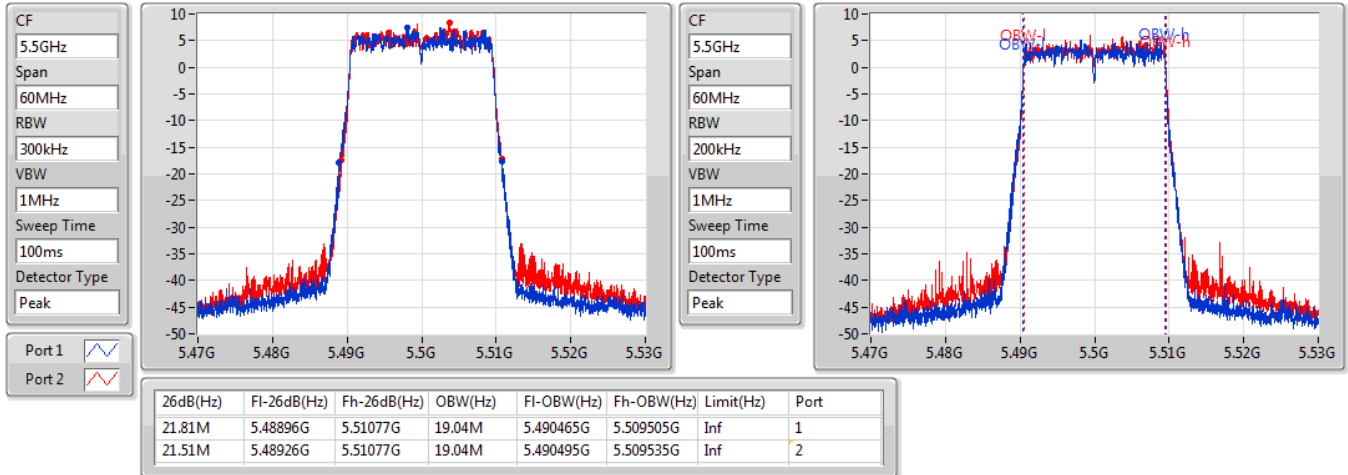


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

30/11/2019

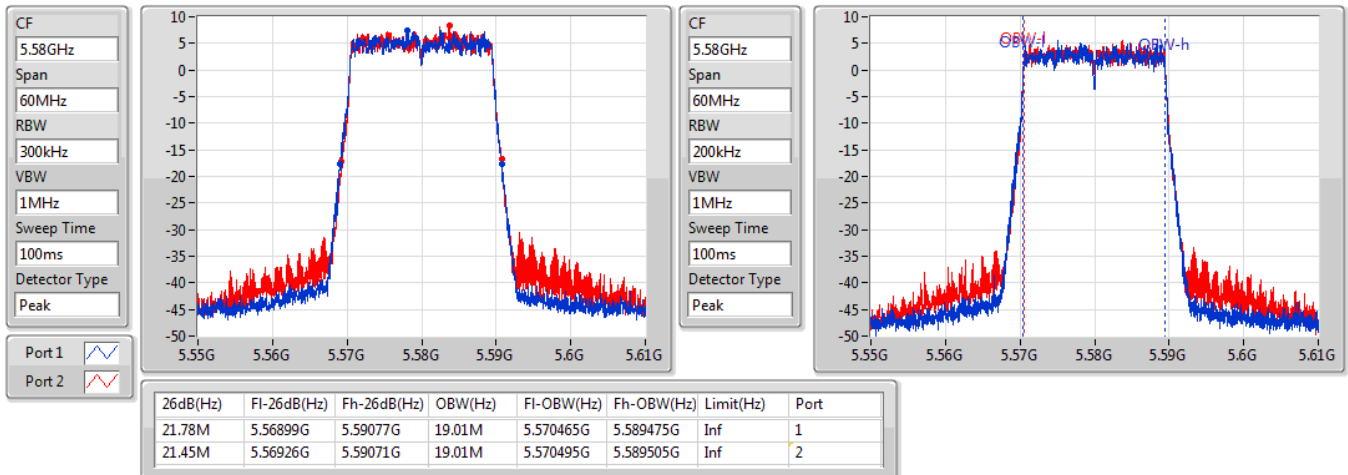


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

30/11/2019

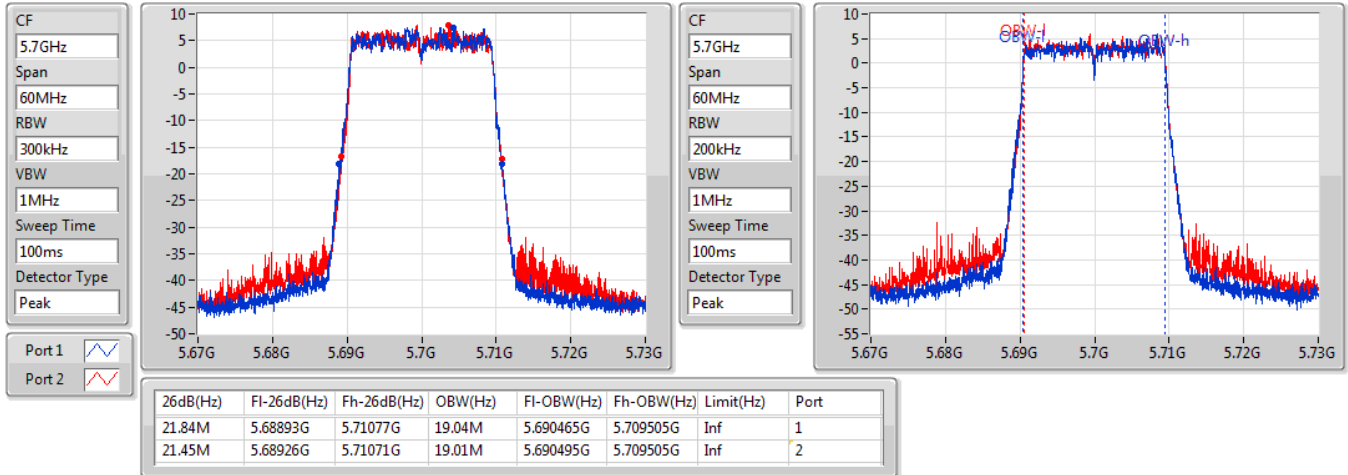


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5700MHz

30/11/2019

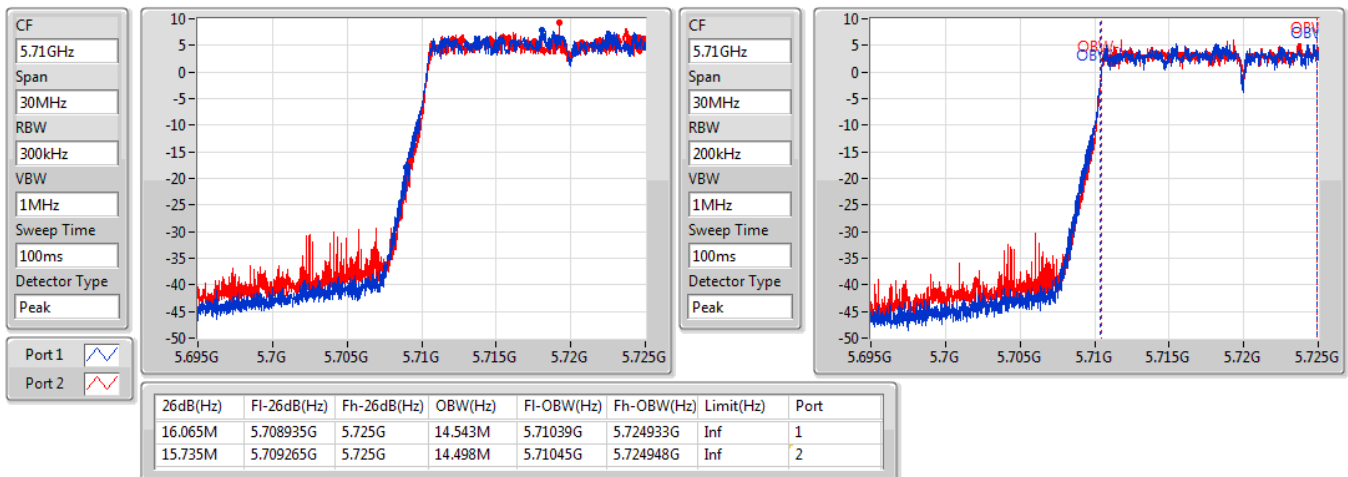


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/11/2019

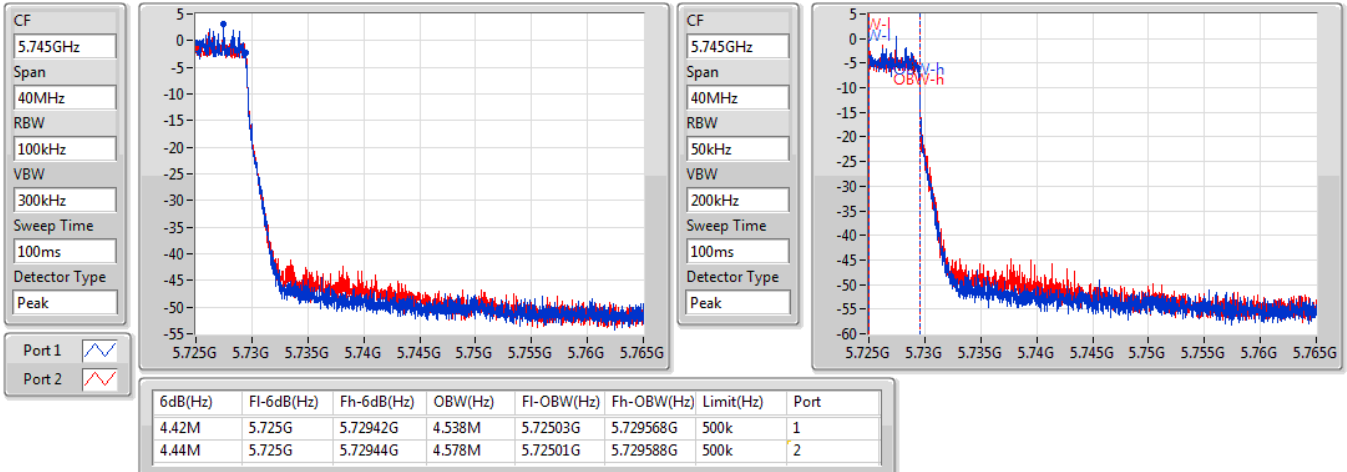


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/11/2019

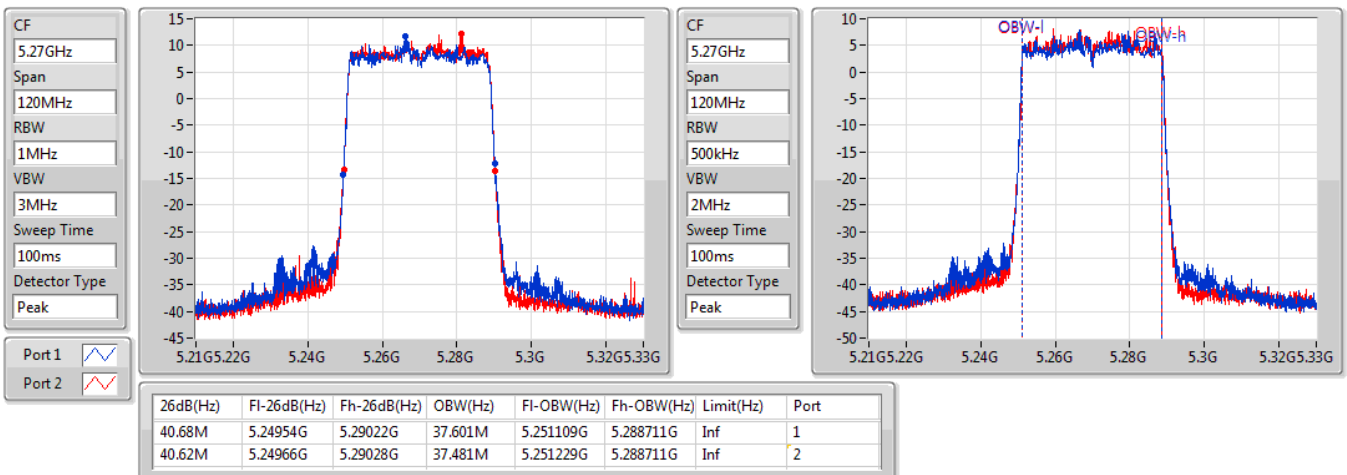


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

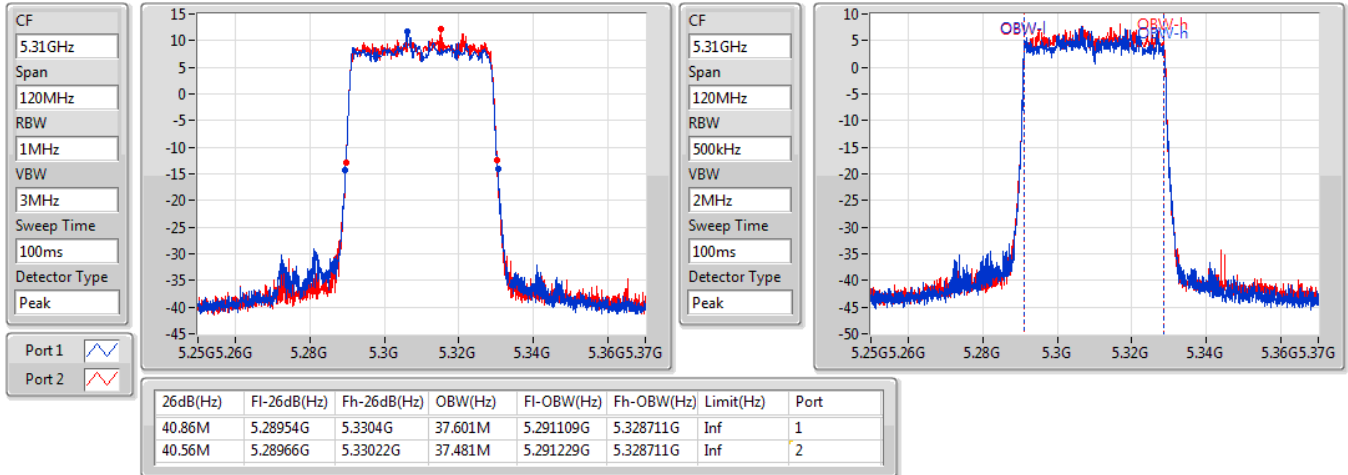
5270MHz

30/11/2019

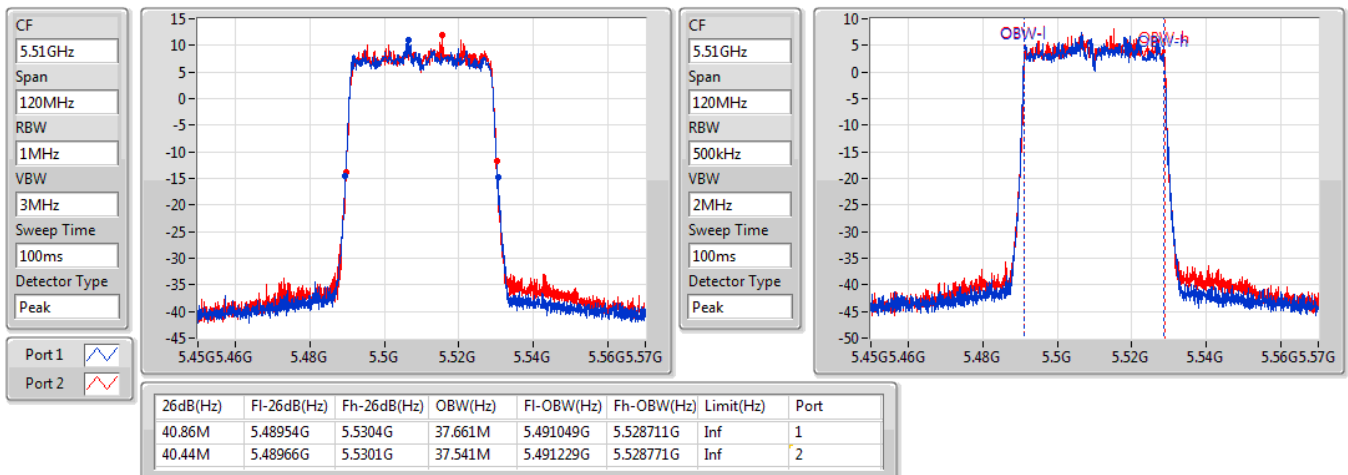


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5310MHz

30/11/2019


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5510MHz

30/11/2019

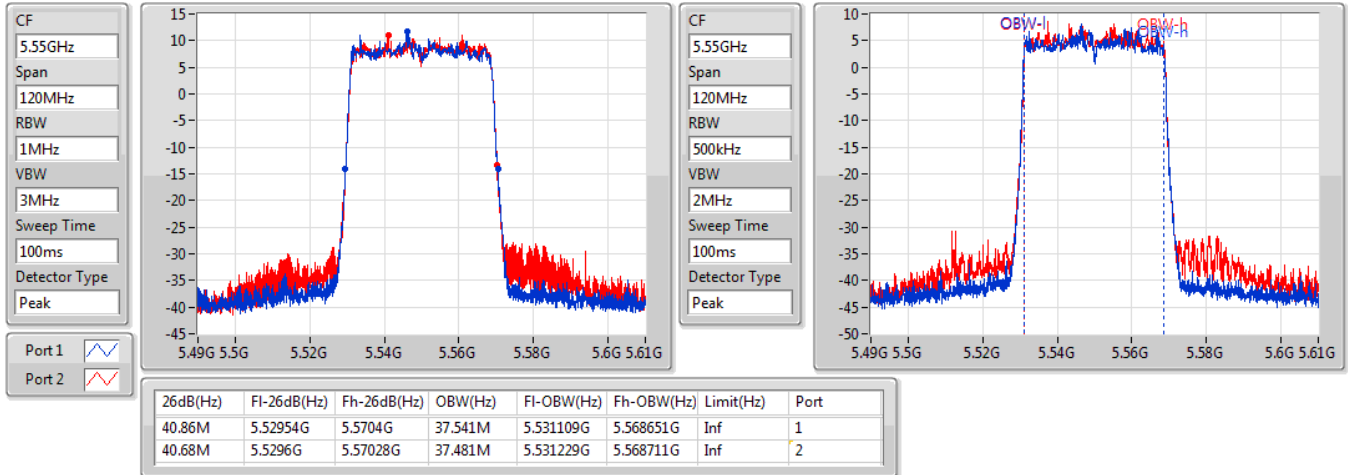


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5550MHz

30/11/2019

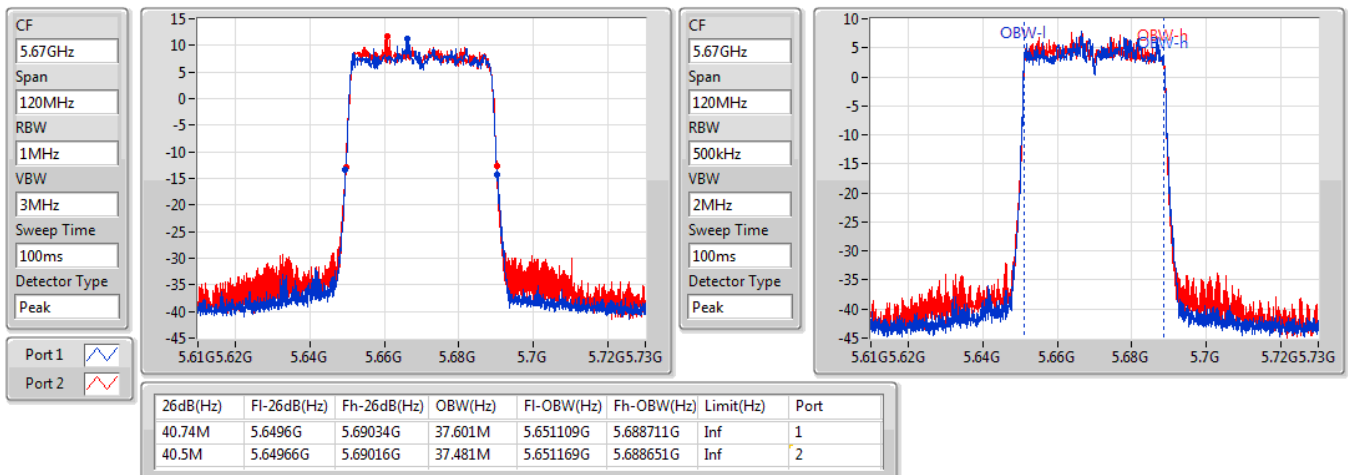


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5670MHz

30/11/2019

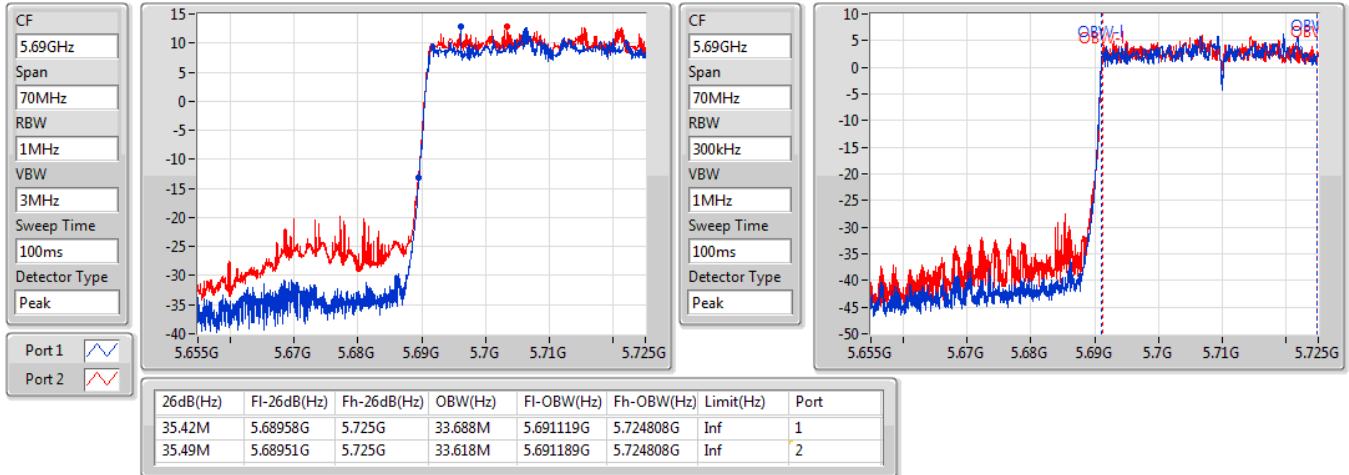


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

30/11/2019

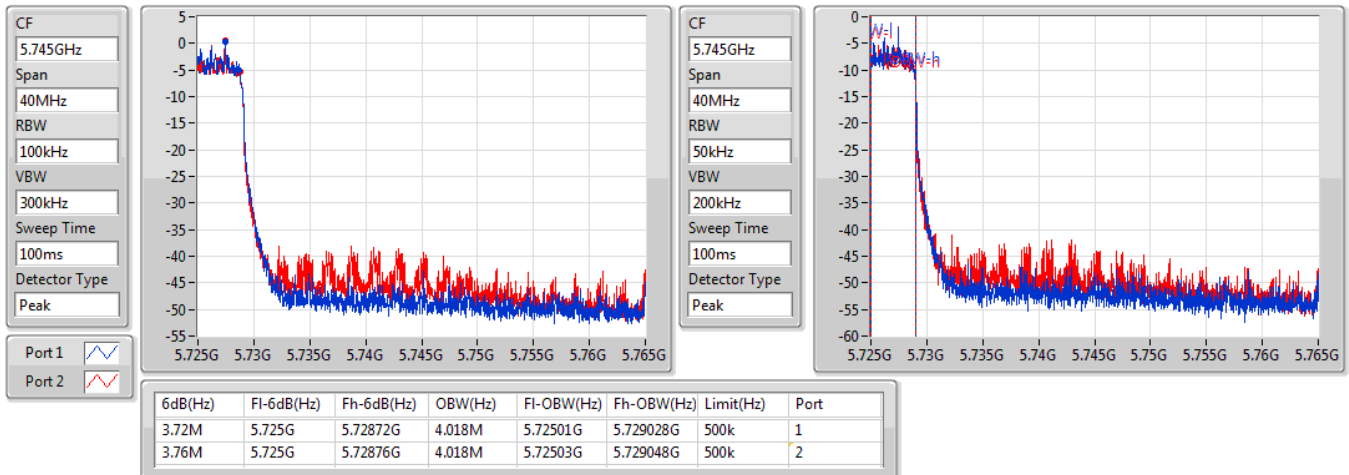


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/11/2019

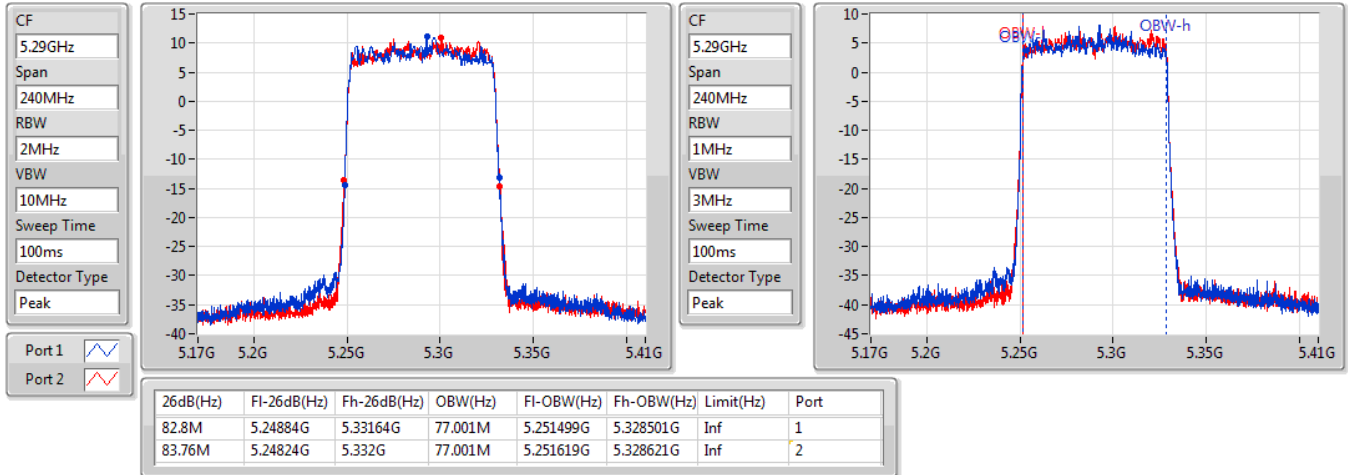


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

30/11/2019

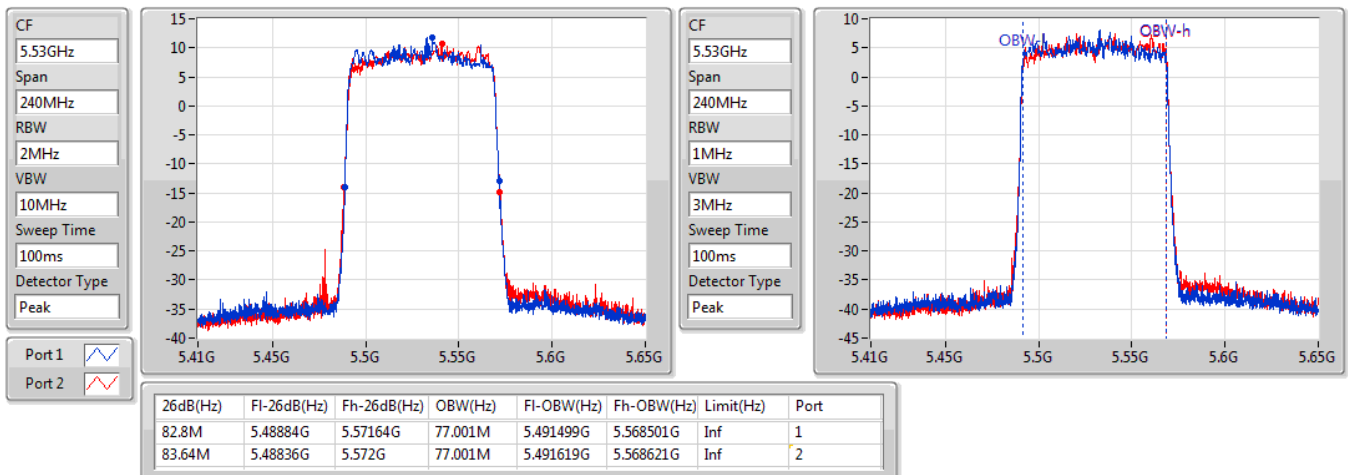


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

30/11/2019

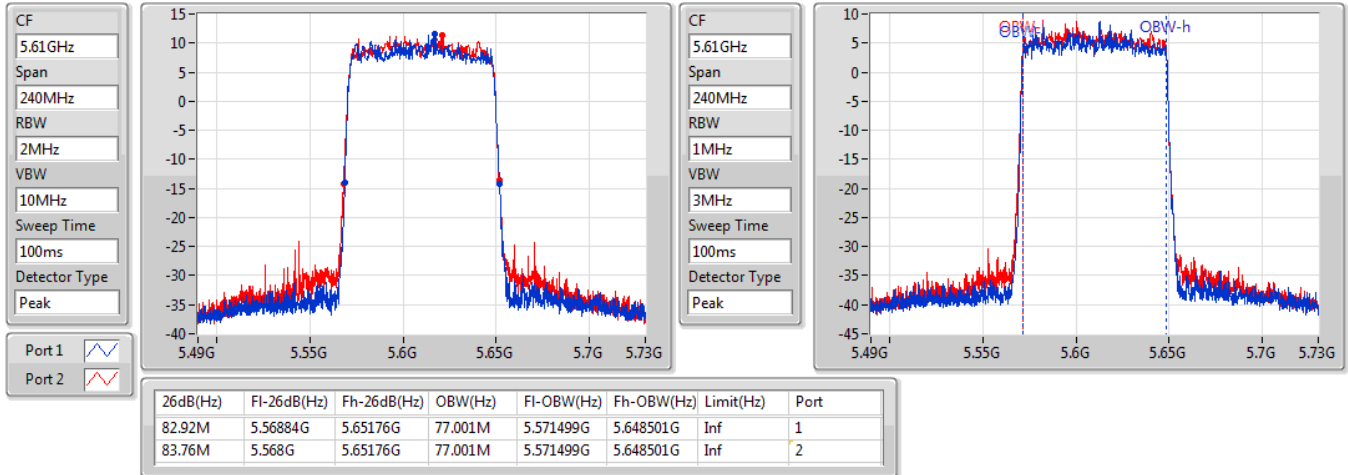


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

30/11/2019

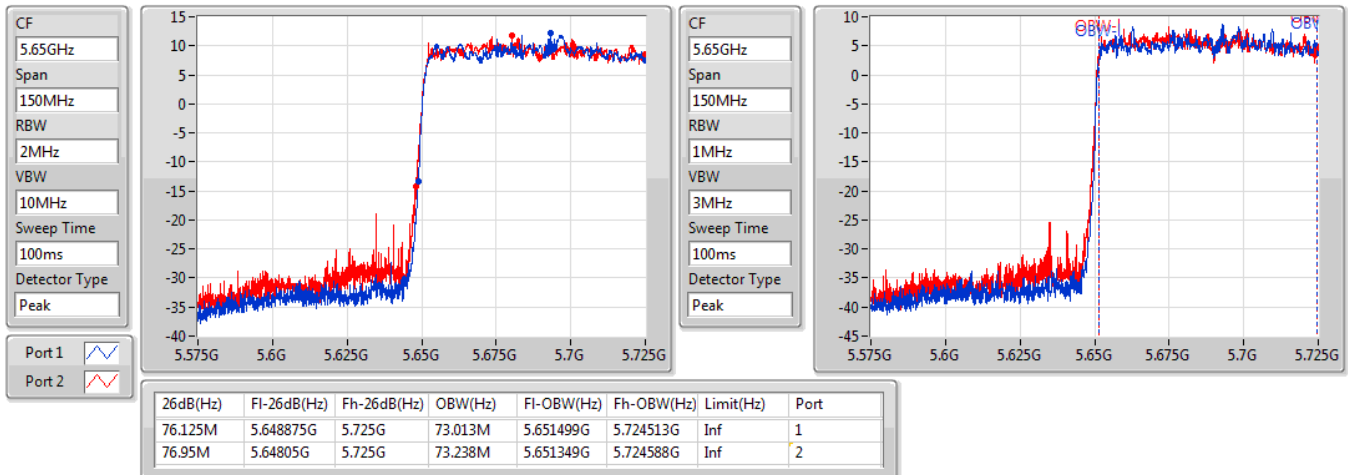


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

30/11/2019

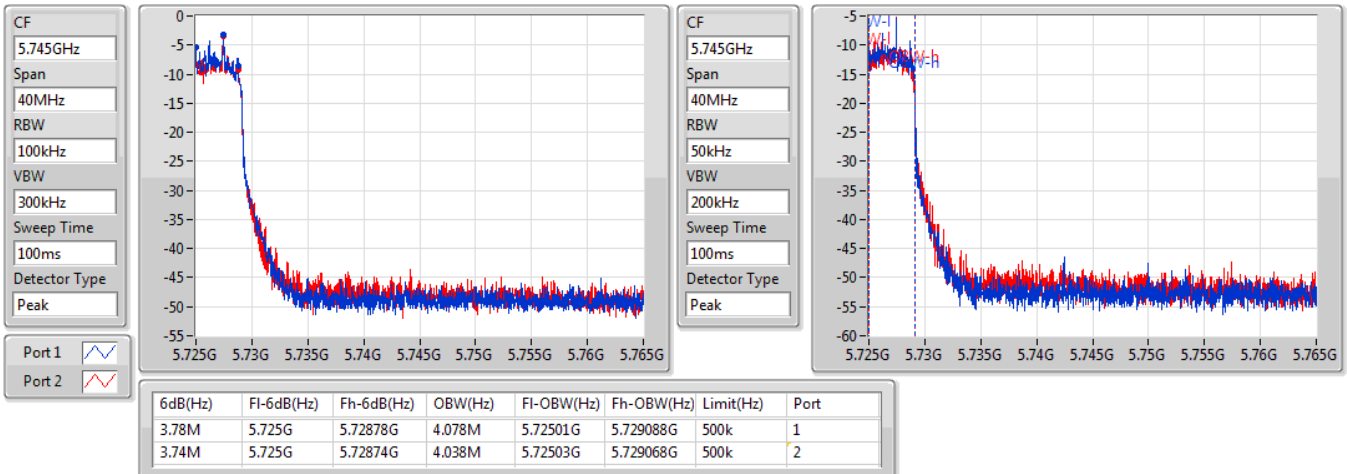


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/11/2019

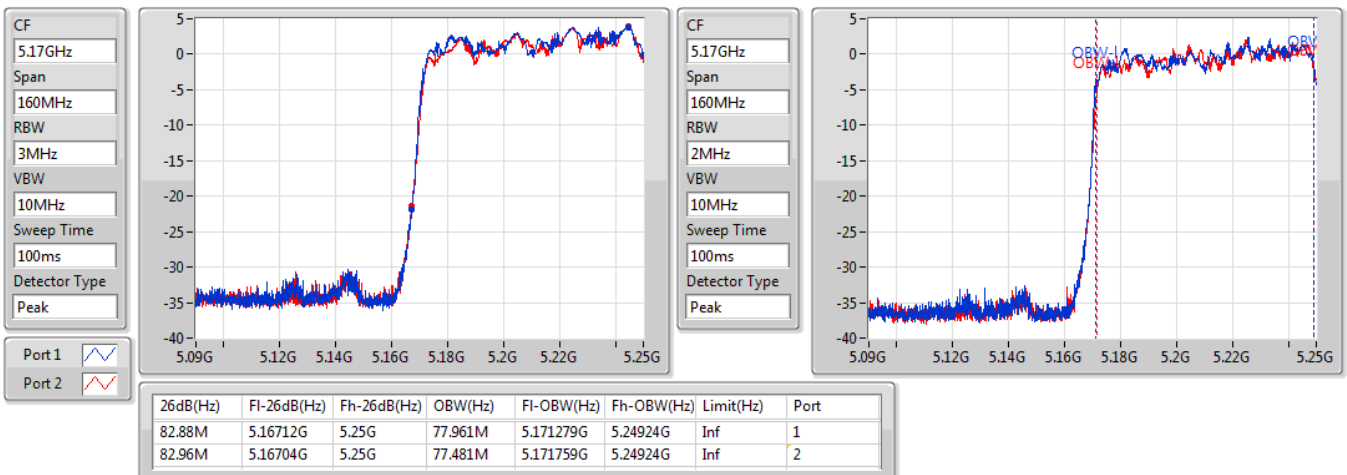


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

04/12/2019

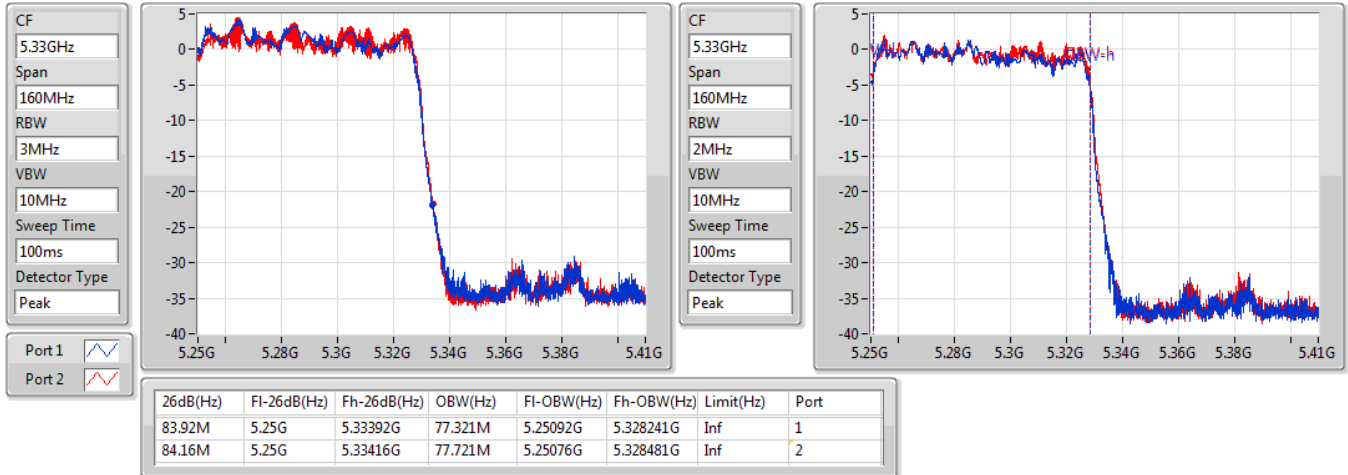


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

04/12/2019

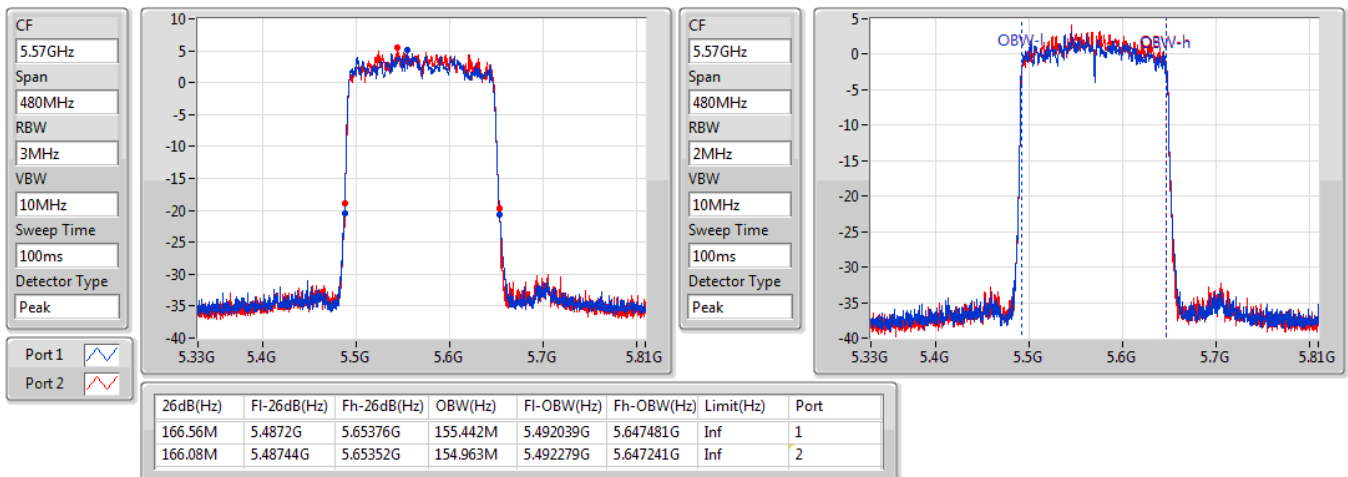


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5570MHz

30/11/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	84.08M	76.922M	76M9D1D	82.72M	76.442M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.28M	77.881M	77M9D1D	82.48M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72M	16.792M	16M8D1D	21.42M	16.642M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.78M	17.901M	17M9D1D	21.48M	17.781M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.1M	36.402M	36M4D1D	40.32M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.28M	75.802M	75M8D1D	82.8M	75.562M
802.11ac VHT160_Nss1,(MCS0)_4TX	84.24M	77.001M	77M0D1D	83.04M	76.282M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.75M	19.13M	19M1D1D	21.51M	18.981M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.98M	37.601M	37M6D1D	40.68M	37.541M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.76M	77.121M	77M1D1D	83.4M	77.001M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.84M	77.961M	78M0D1D	83.76M	77.801M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72M	16.822M	16M8D1D	15.66M	13.388M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.78M	17.871M	17M9D1D	15.765M	13.943M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.1M	36.402M	36M4D1D	35.28M	32.954M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.52M	75.682M	75M7D1D	76.5M	72.489M
802.11ac VHT160_Nss1,(MCS0)_4TX	166.56M	154.243M	154MD1D	165.36M	154.003M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.29M	19.13M	19M1D1D	15.765M	14.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.1M	37.601M	37M6D1D	35.385M	33.583M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.88M	77.121M	77M1D1D	76.725M	73.088M
802.11ax HEW160_Nss1,(MCS0)_4TX	167.52M	155.442M	155MD1D	165.84M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.2M	4.118M	4M12D1D	3.12M	3.978M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.8M	4.318M	4M32D1D	3.74M	4.278M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.22M	3.558M	3M56D1D	3.12M	3.518M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.12M	3.698M	3M70D1D	3.1M	3.578M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.46M	4.618M	4M62D1D	4.44M	4.538M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.84M	4.038M	4M04D1D	3.7M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.8M	4.078M	4M08D1D	3.74M	4.038M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.6M	16.732M	21.57M	16.792M	21.6M	16.762M	21.42M	16.672M
5300MHz_TnomVnom	Pass	Inf	21.54M	16.702M	21.63M	16.792M	21.51M	16.732M	21.42M	16.642M
5320MHz_TnomVnom	Pass	Inf	21.45M	16.702M	21.72M	16.792M	21.6M	16.732M	21.51M	16.642M
5500MHz_TnomVnom	Pass	Inf	21.57M	16.732M	21.69M	16.792M	21.66M	16.732M	21.45M	16.672M
5580MHz_TnomVnom	Pass	Inf	21.39M	16.732M	21.54M	16.792M	21.69M	16.762M	21.51M	16.672M
5700MHz_TnomVnom	Pass	Inf	21.24M	16.732M	21.63M	16.822M	21.72M	16.762M	21.3M	16.732M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.66M	13.388M	15.855M	13.448M	15.93M	13.433M	15.795M	13.403M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	4.038M	3.2M	4.118M	3.14M	4.038M	3.16M	3.978M
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.72M	17.871M	21.57M	17.811M	21.48M	17.811M	21.6M	17.841M
5300MHz_TnomVnom	Pass	Inf	21.75M	17.841M	21.54M	17.811M	21.54M	17.781M	21.69M	17.841M
5320MHz_TnomVnom	Pass	Inf	21.78M	17.871M	21.66M	17.811M	21.51M	17.781M	21.72M	17.901M
5500MHz_TnomVnom	Pass	Inf	21.78M	17.871M	21.57M	17.841M	21.45M	17.811M	21.54M	17.871M
5580MHz_TnomVnom	Pass	Inf	21.57M	17.871M	21.39M	17.811M	21.48M	17.811M	21.48M	17.871M
5700MHz_TnomVnom	Pass	Inf	21.78M	17.871M	21.63M	17.841M	21.51M	17.811M	21.51M	17.871M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.945M	13.973M	15.93M	13.973M	15.765M	13.943M	15.855M	13.973M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.318M	3.8M	4.318M	3.78M	4.278M	3.74M	4.298M
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.86M	36.402M	40.44M	36.342M	40.62M	36.342M	40.32M	36.282M
5310MHz_TnomVnom	Pass	Inf	41.1M	36.402M	40.68M	36.342M	40.98M	36.402M	40.56M	36.342M
5510MHz_TnomVnom	Pass	Inf	41.1M	36.402M	40.74M	36.342M	40.8M	36.402M	40.68M	36.342M
5550MHz_TnomVnom	Pass	Inf	41.1M	36.402M	40.86M	36.282M	40.74M	36.342M	40.56M	36.282M
5670MHz_TnomVnom	Pass	Inf	40.98M	36.402M	40.92M	36.282M	40.74M	36.402M	40.56M	36.342M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.595M	33.023M	35.455M	32.954M	35.385M	32.954M	35.28M	32.989M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	3.538M	3.22M	3.558M	3.12M	3.518M	3.14M	3.538M
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.04M	75.802M	82.8M	75.682M	83.04M	75.562M	83.28M	75.682M
5530MHz_TnomVnom	Pass	Inf	83.4M	75.682M	83.04M	75.682M	83.16M	75.682M	83.52M	75.682M
5610MHz_TnomVnom	Pass	Inf	83.16M	75.682M	82.92M	75.682M	82.68M	75.562M	83.4M	75.562M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.725M	72.489M	76.5M	72.489M	76.875M	72.489M	77.025M	72.489M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.1M	3.698M	3.12M	3.678M	3.1M	3.618M	3.1M	3.578M
802.11ac_VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	82.72M	76.922M	82.88M	76.842M	84.08M	76.442M	82.88M	76.522M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	83.04M	76.602M	84.24M	77.001M	83.2M	76.282M	83.6M	76.362M
5570MHz_TnomVnom	Pass	Inf	165.84M	154.243M	166.08M	154.003M	166.56M	154.243M	165.36M	154.003M
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.54M	18.981M	21.57M	19.04M	21.51M	19.07M	21.72M	19.07M
5300MHz_TnomVnom	Pass	Inf	21.63M	18.981M	21.63M	19.04M	21.66M	19.07M	21.75M	19.07M
5320MHz_TnomVnom	Pass	Inf	21.57M	19.01M	21.57M	19.1M	21.51M	19.07M	21.72M	19.13M
5500MHz_TnomVnom	Pass	Inf	21.57M	19.04M	21.57M	19.07M	21.63M	19.1M	21.78M	19.07M
5580MHz_TnomVnom	Pass	Inf	21.69M	19.01M	21.51M	19.04M	22.29M	19.1M	21.66M	19.1M
5700MHz_TnomVnom	Pass	Inf	21.69M	19.04M	21.72M	19.1M	22.08M	19.07M	21.75M	19.13M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.9M	14.558M	15.765M	14.513M	16.05M	14.573M	15.825M	14.498M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.44M	4.538M	4.46M	4.558M	4.44M	4.598M	4.44M	4.618M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.74M	37.541M	40.68M	37.541M	40.92M	37.601M	40.92M	37.541M
5310MHz_TnomVnom	Pass	Inf	40.98M	37.541M	40.86M	37.541M	40.86M	37.541M	40.92M	37.541M
5510MHz_TnomVnom	Pass	Inf	40.98M	37.541M	40.74M	37.541M	40.74M	37.541M	40.8M	37.541M
5550MHz_TnomVnom	Pass	Inf	41.04M	37.541M	40.74M	37.541M	40.86M	37.481M	40.74M	37.601M
5670MHz_TnomVnom	Pass	Inf	41.1M	37.541M	40.68M	37.541M	40.98M	37.601M	41.04M	37.541M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.56M	33.583M	35.42M	33.688M	35.525M	33.653M	35.385M	33.618M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.78M	4.038M	3.84M	4.038M	3.7M	4.018M	3.82M	4.038M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.76M	77.001M	83.76M	77.121M	83.52M	77.001M	83.4M	77.001M
5530MHz_TnomVnom	Pass	Inf	83.88M	77.001M	83.88M	77.121M	83.76M	77.121M	83.28M	77.001M
5610MHz_TnomVnom	Pass	Inf	83.88M	77.121M	83.76M	77.001M	83.4M	77.001M	82.8M	77.001M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.725M	73.163M	76.8M	73.088M	76.8M	73.163M	76.8M	73.238M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.8M	4.078M	3.76M	4.038M	3.8M	4.038M	3.74M	4.058M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	82.48M	77.721M	82.64M	77.801M	83.28M	77.881M	83.04M	77.881M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	83.84M	77.801M	83.76M	77.961M	83.76M	77.961M	83.76M	77.881M
5570MHz_TnomVnom	Pass	Inf	165.84M	155.442M	165.84M	154.723M	167.52M	155.202M	166.32M	154.963M

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

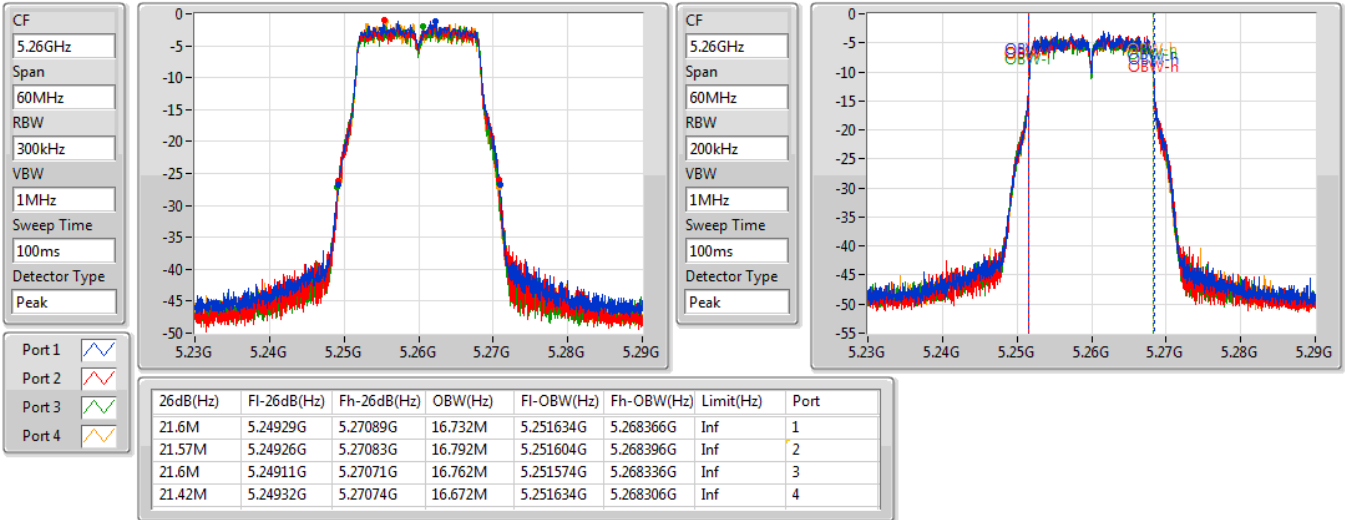
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

30/11/2019

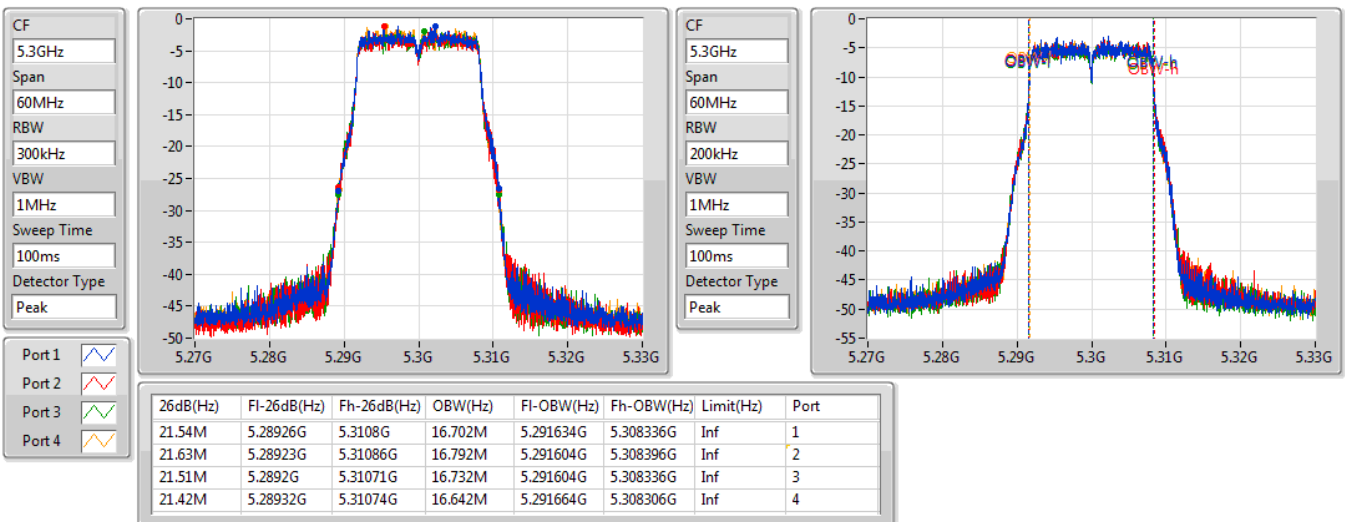


802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

30/11/2019

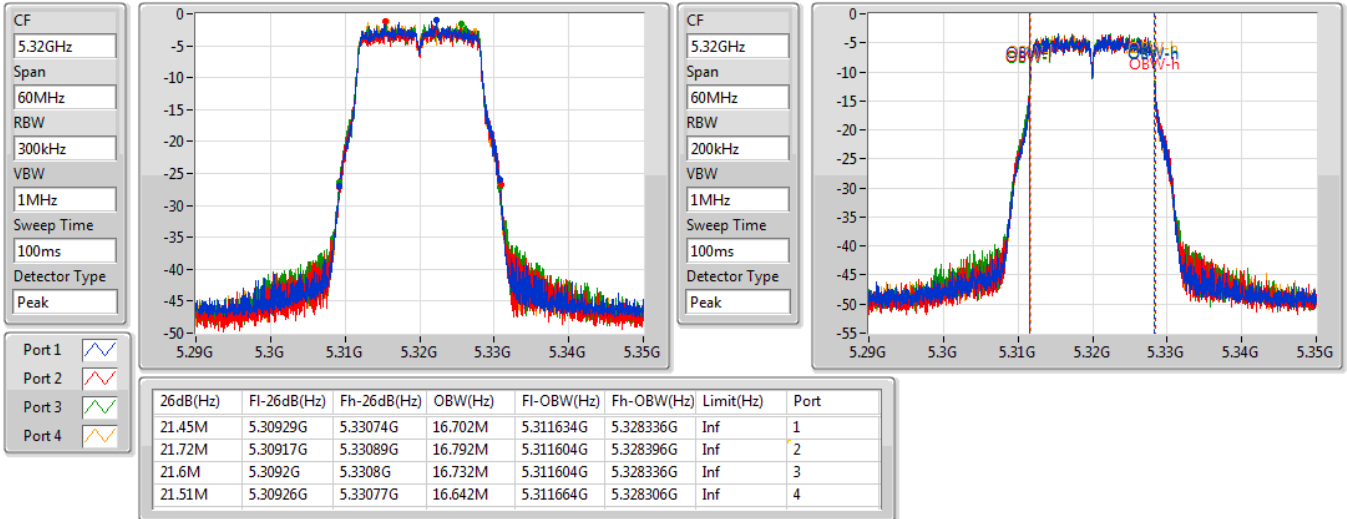


802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

30/11/2019

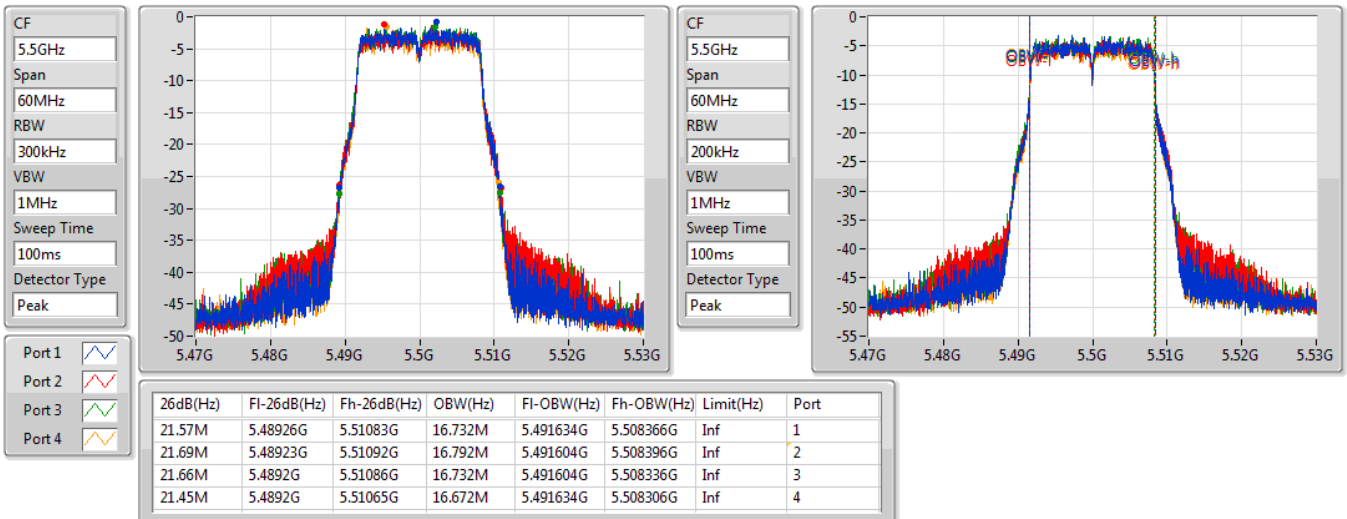


802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

30/11/2019

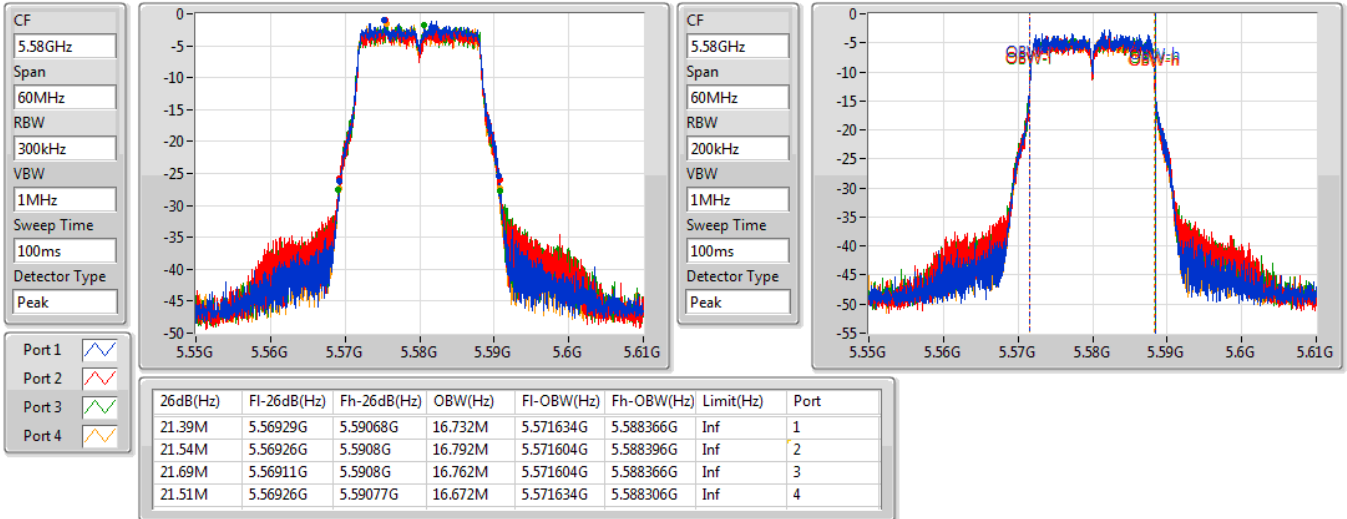


802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

30/11/2019

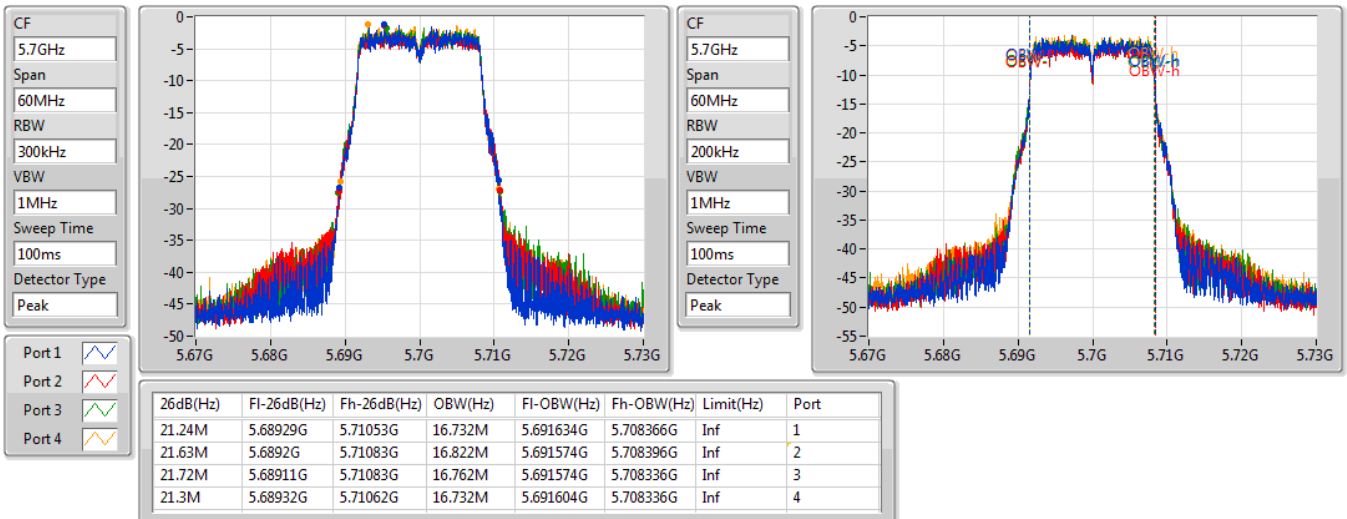


802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

30/11/2019

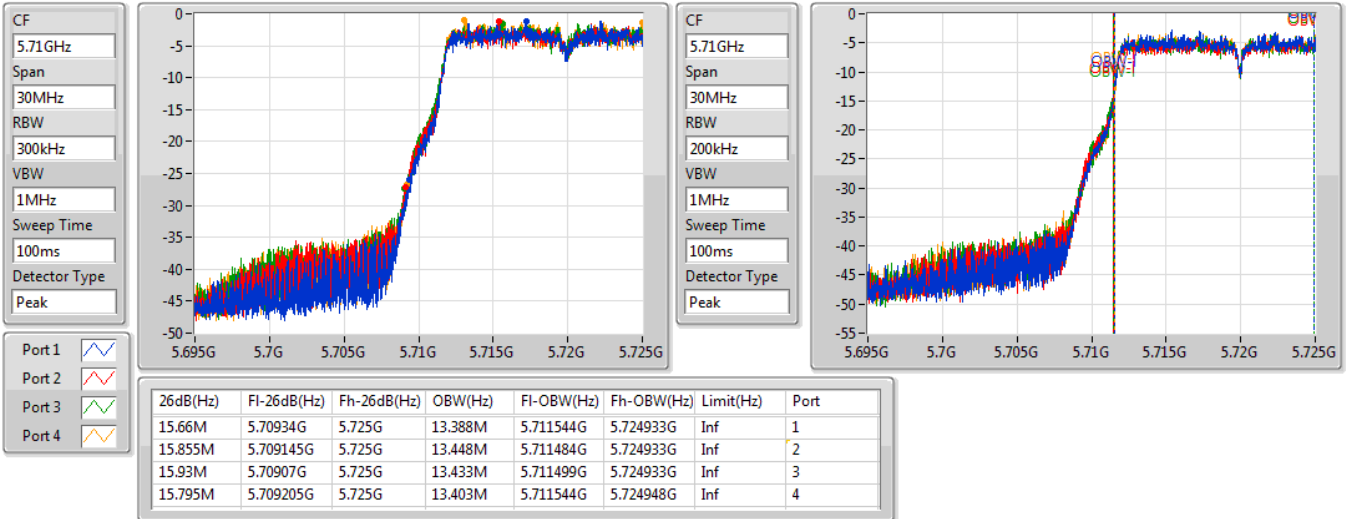


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/11/2019

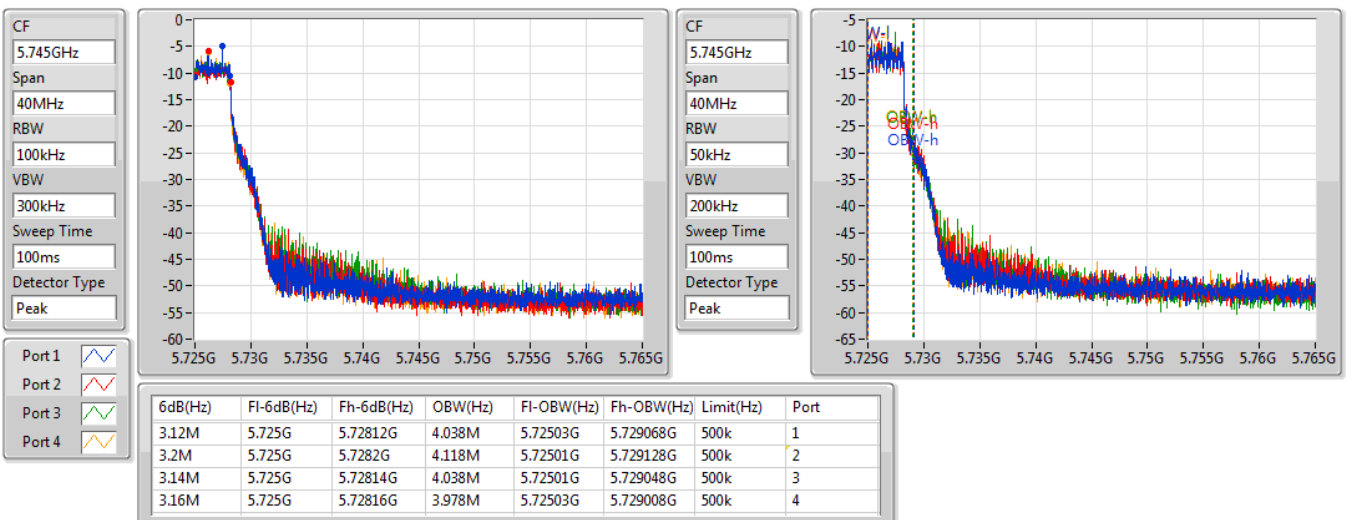


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/11/2019

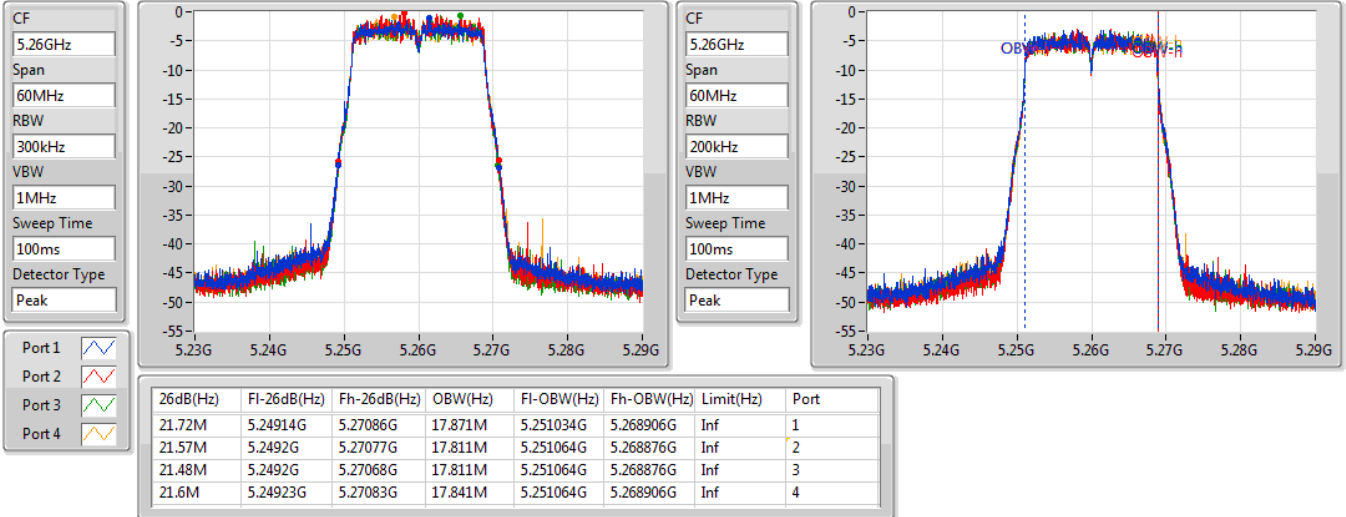


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

30/11/2019

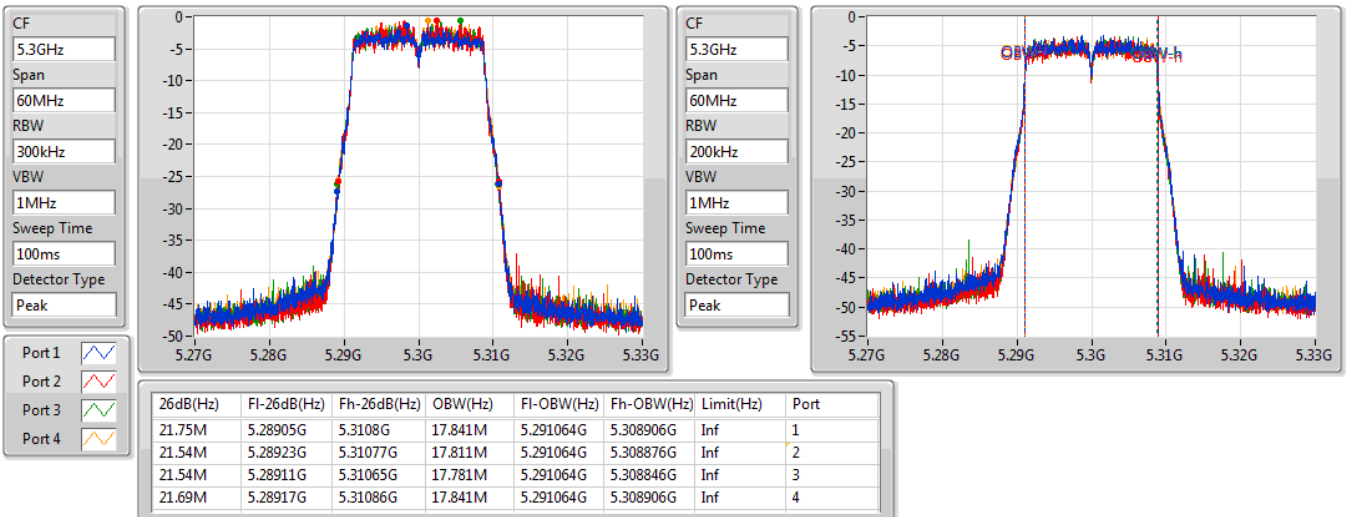


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

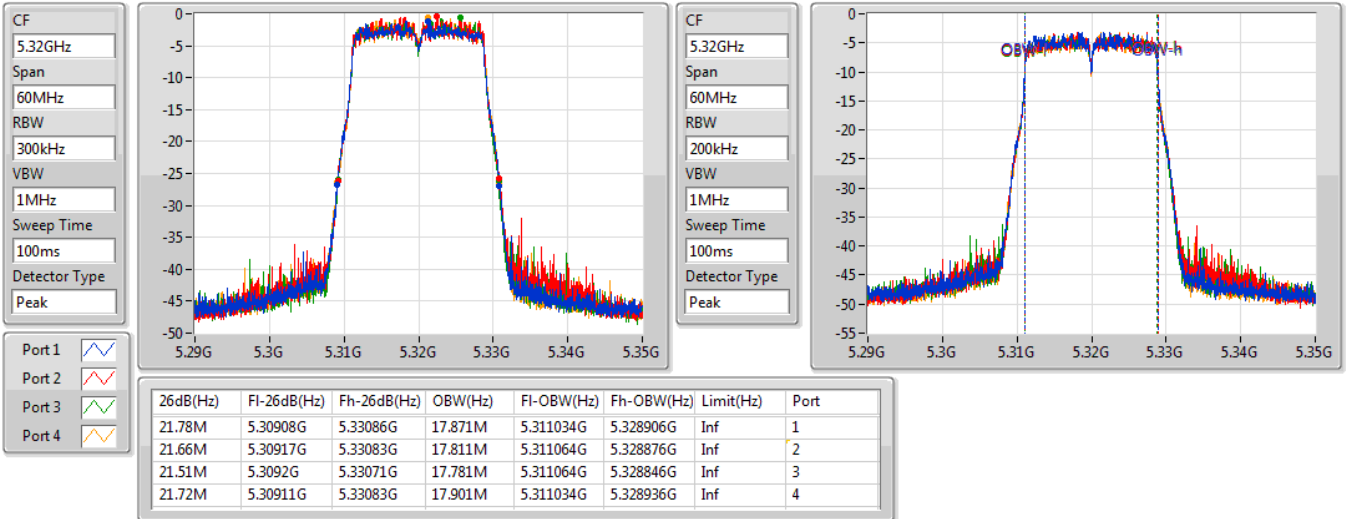
5300MHz

30/11/2019

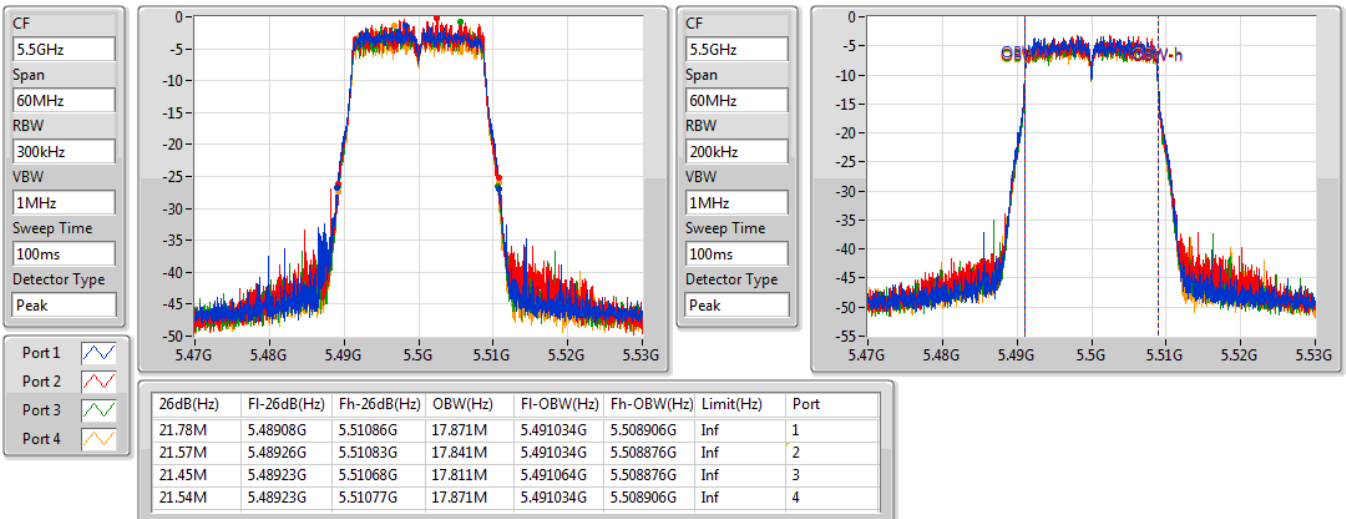


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

30/11/2019


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

30/11/2019

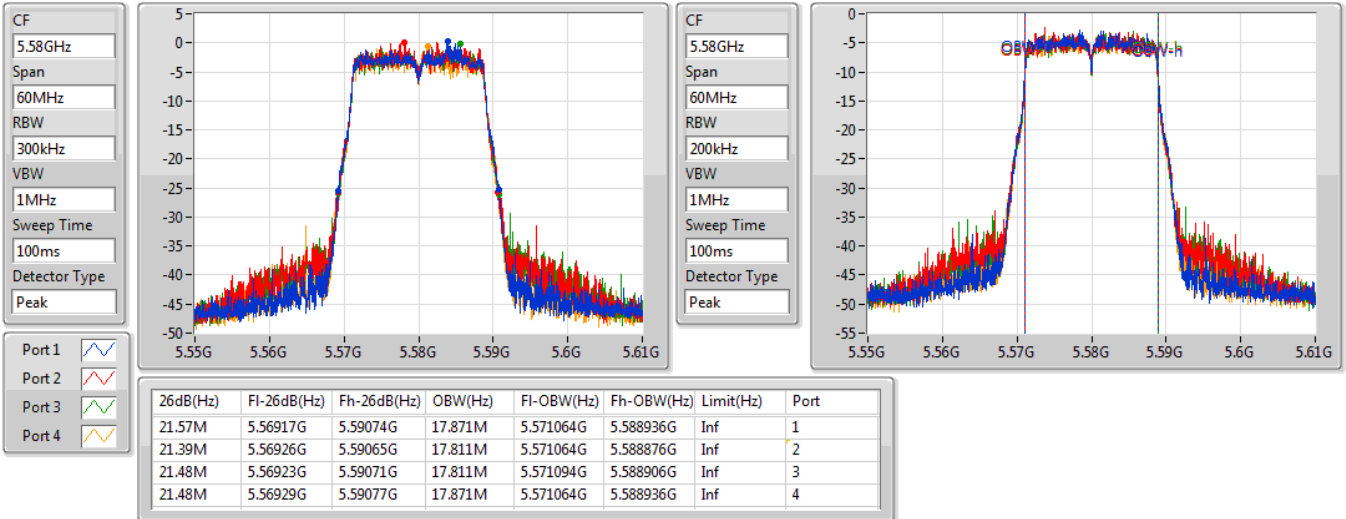


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

30/11/2019

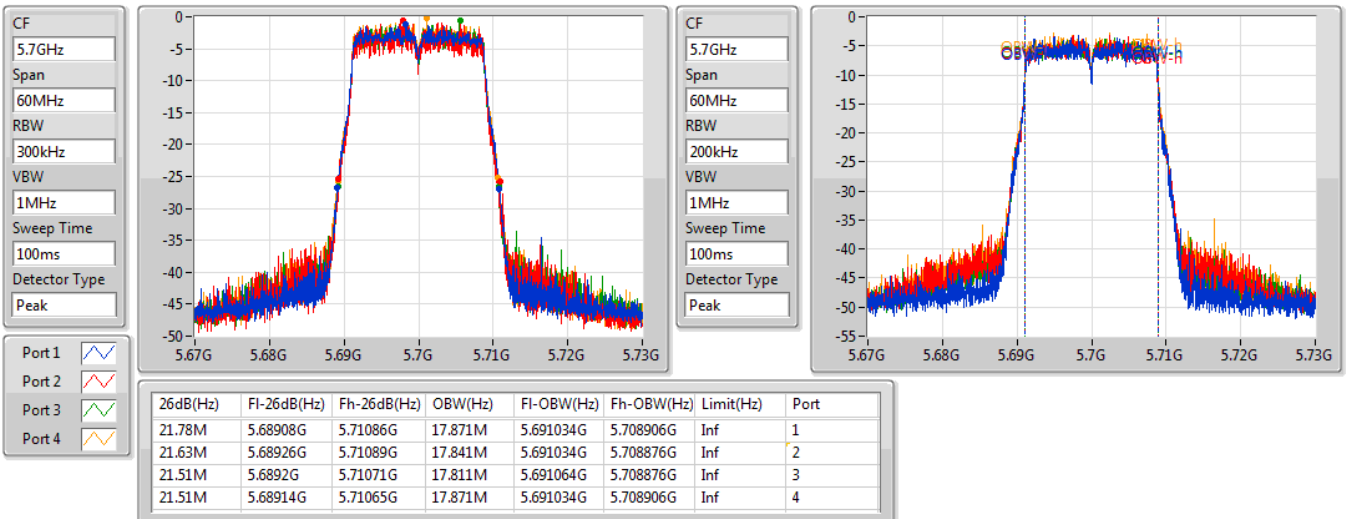


802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

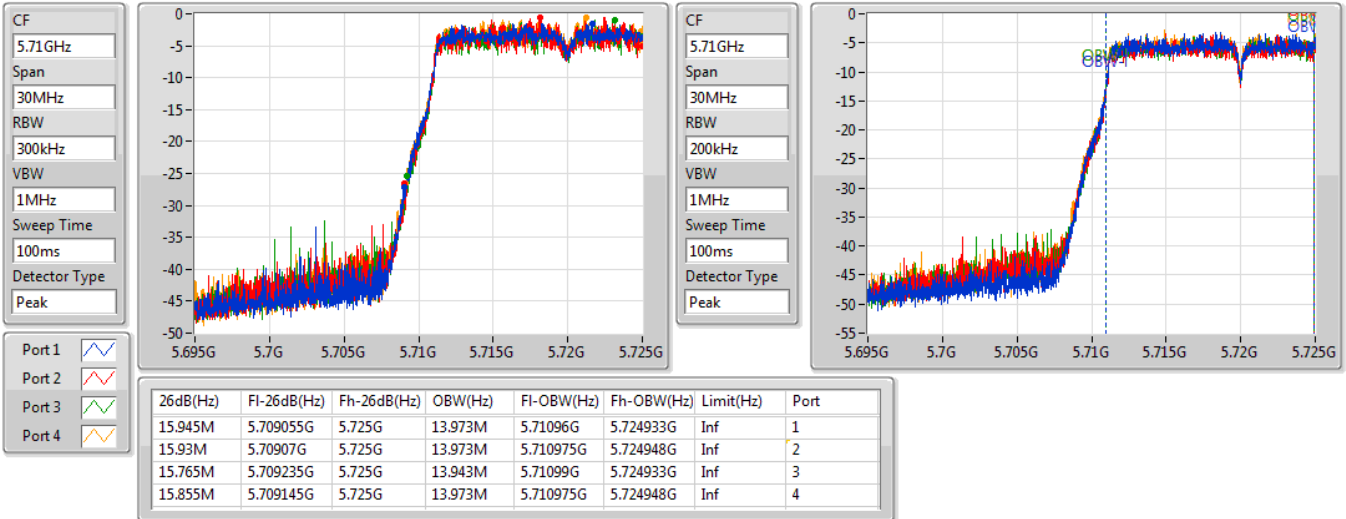
5700MHz

30/11/2019

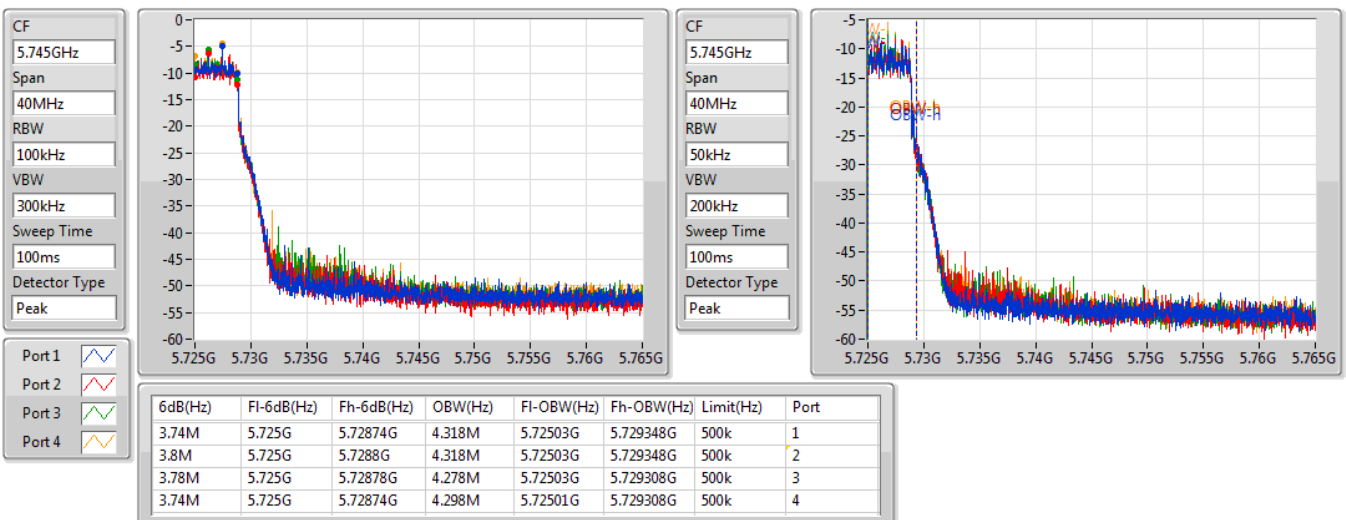


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/11/2019

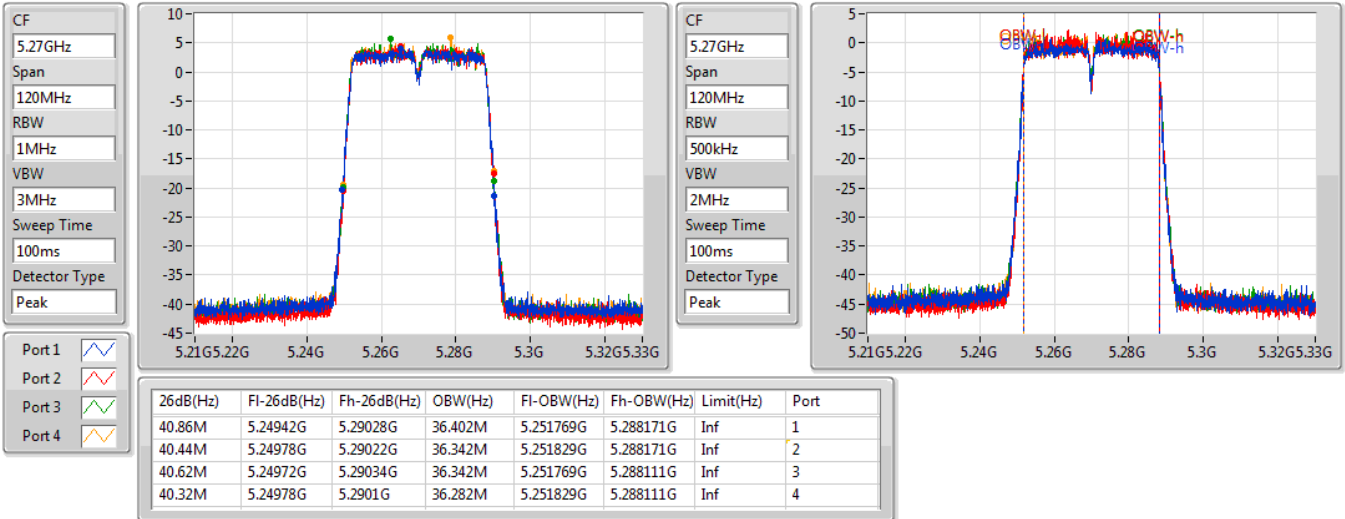

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/11/2019

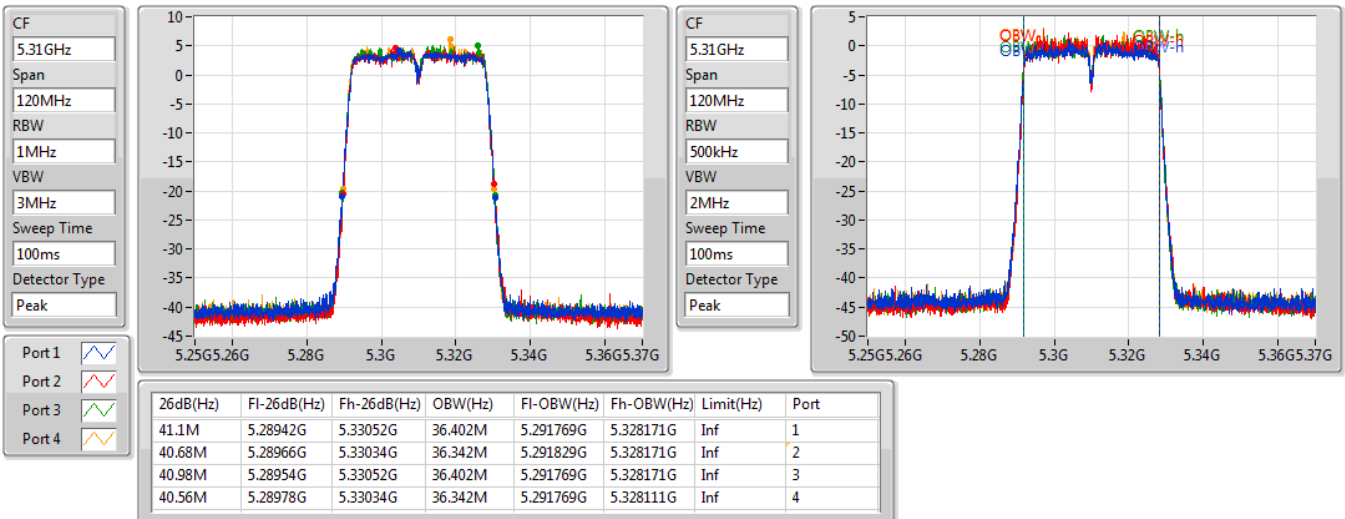


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

30/11/2019


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

30/11/2019

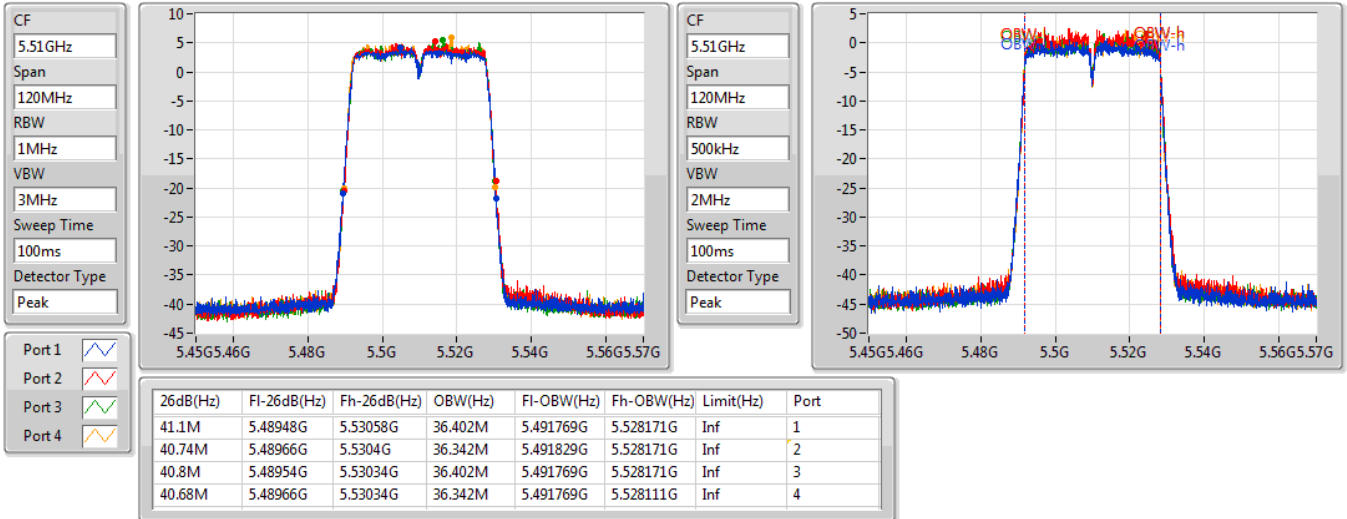


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

30/11/2019

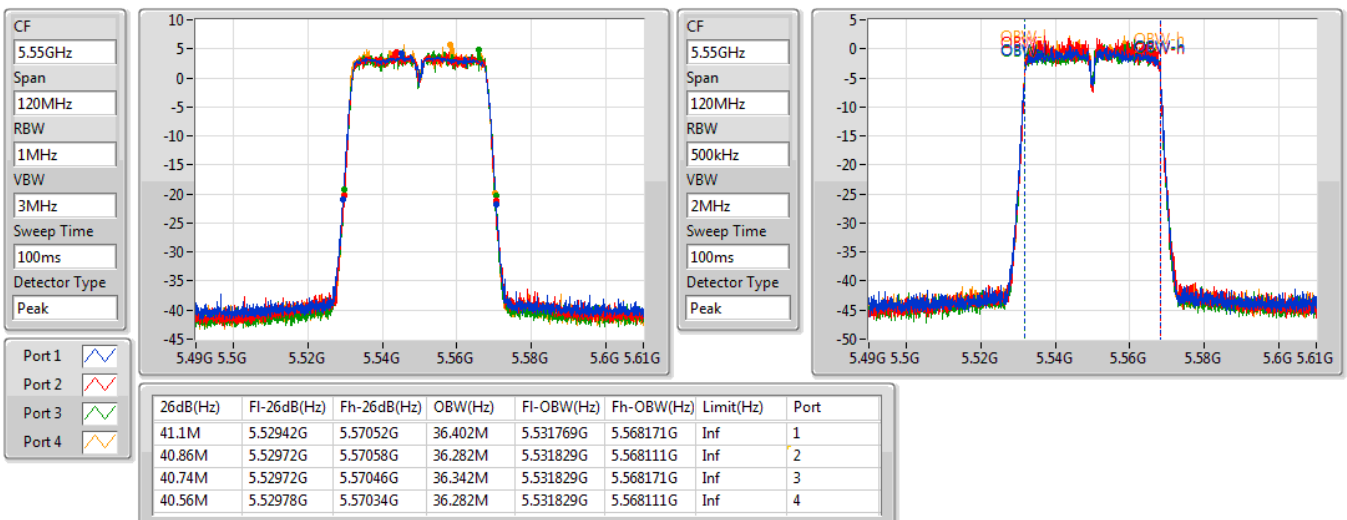


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

30/11/2019

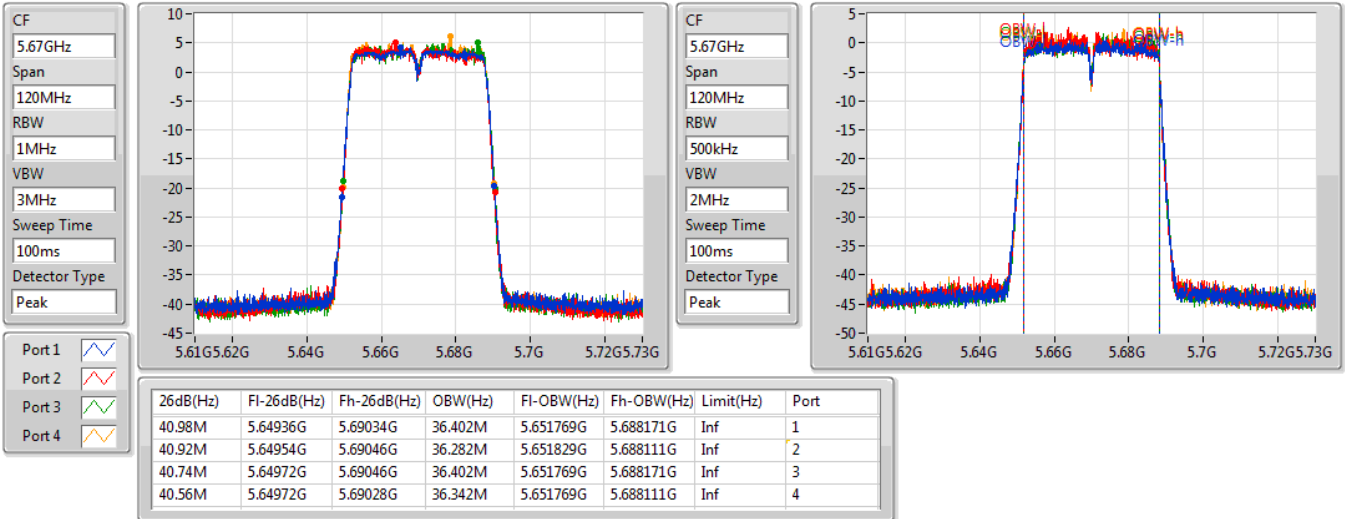


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

30/11/2019

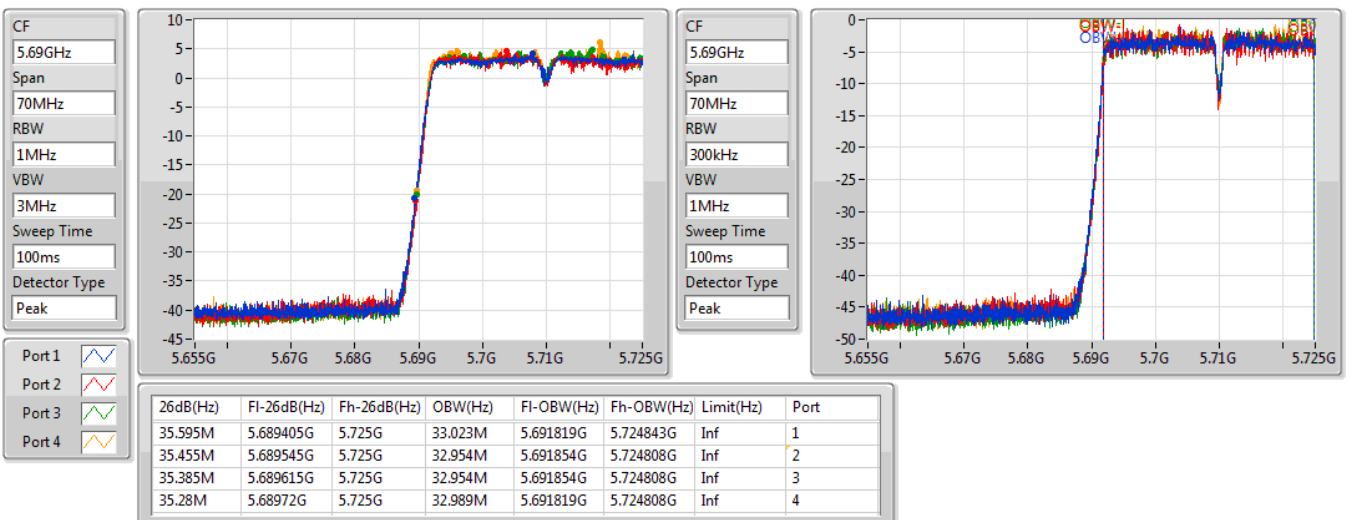


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

30/11/2019

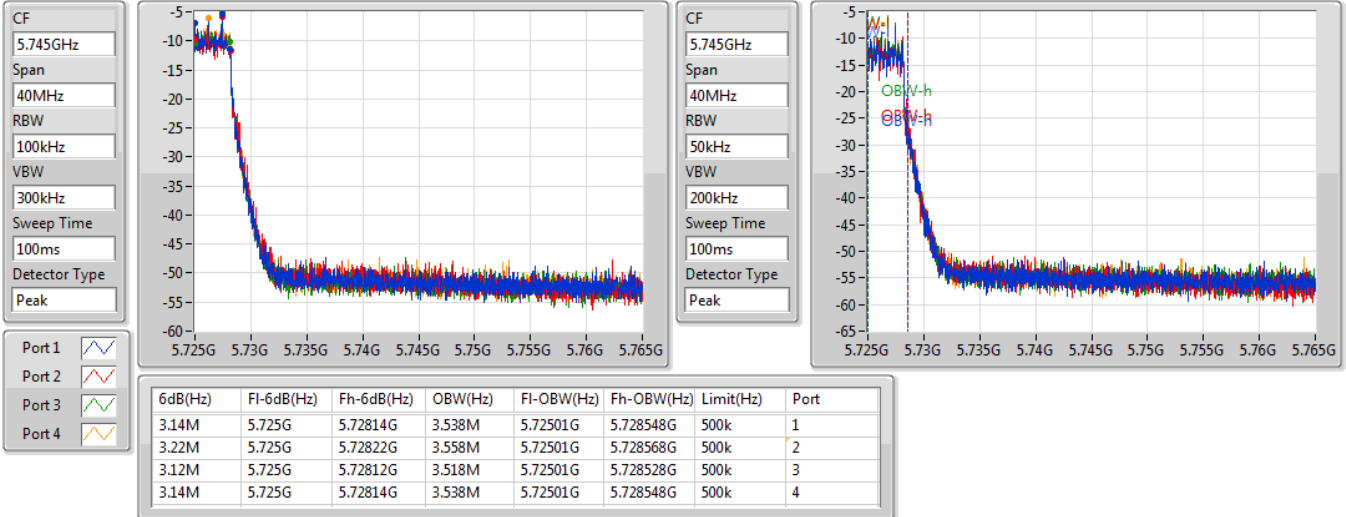


802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/11/2019

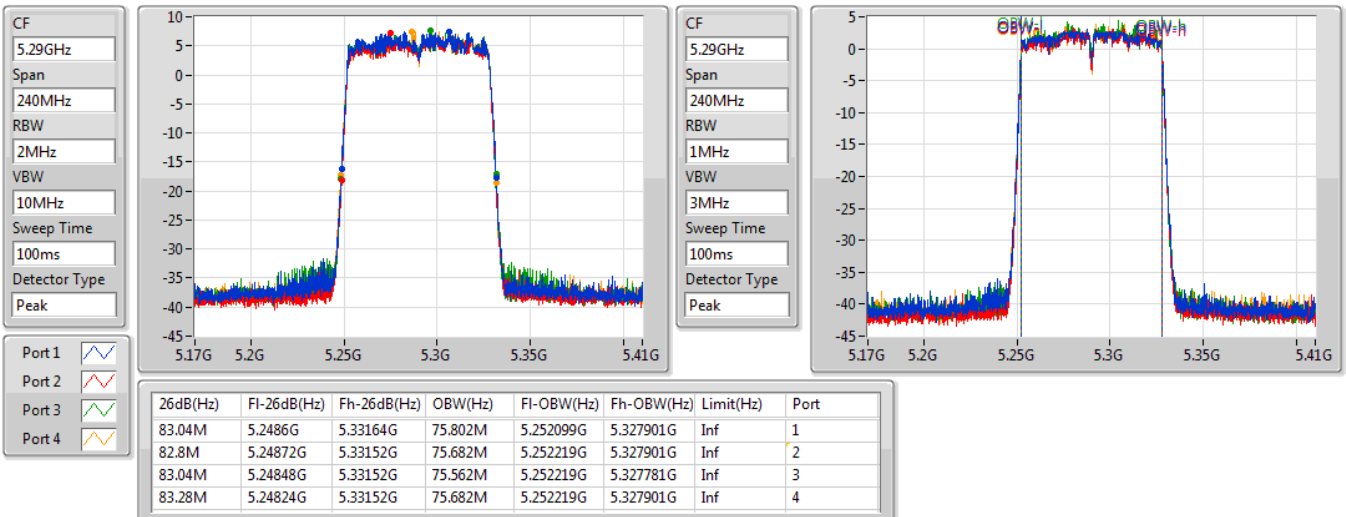


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

30/11/2019

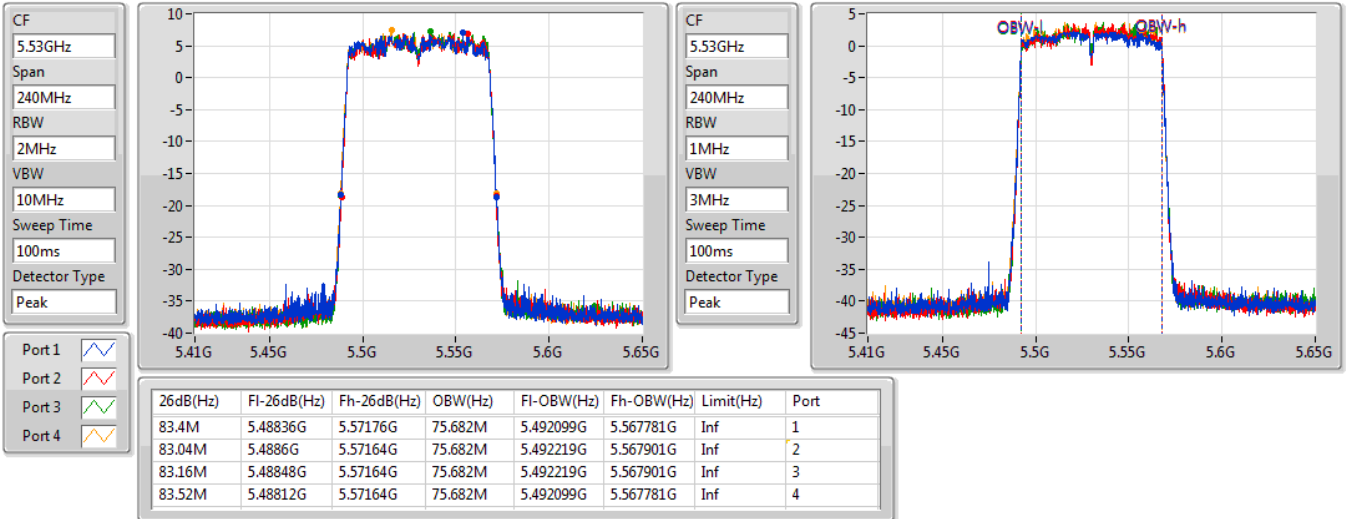


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

30/11/2019

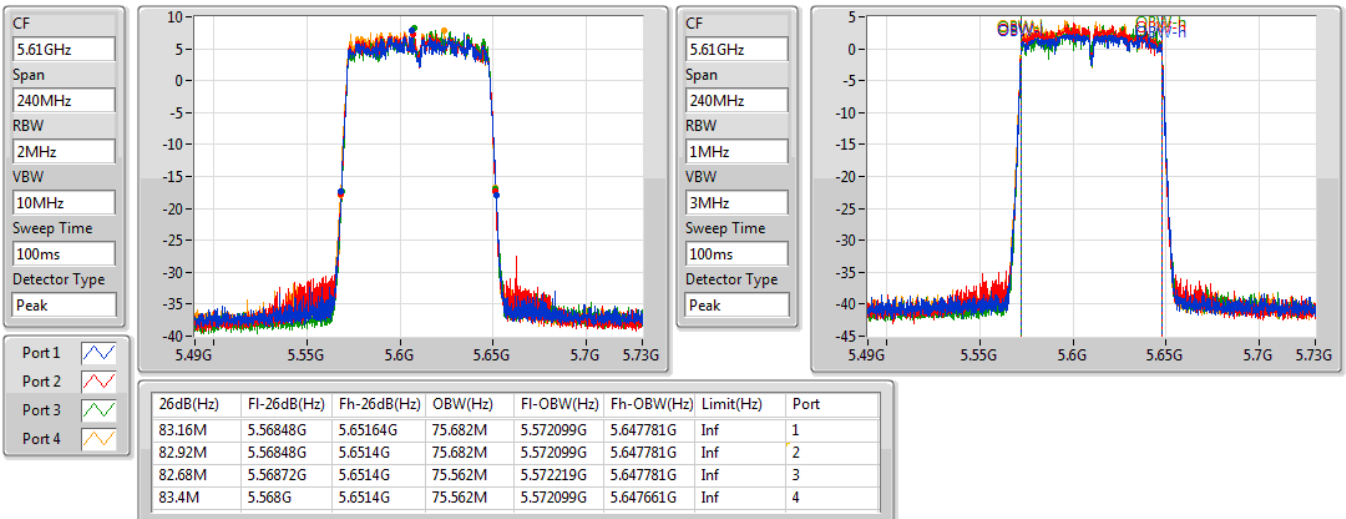


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

30/11/2019

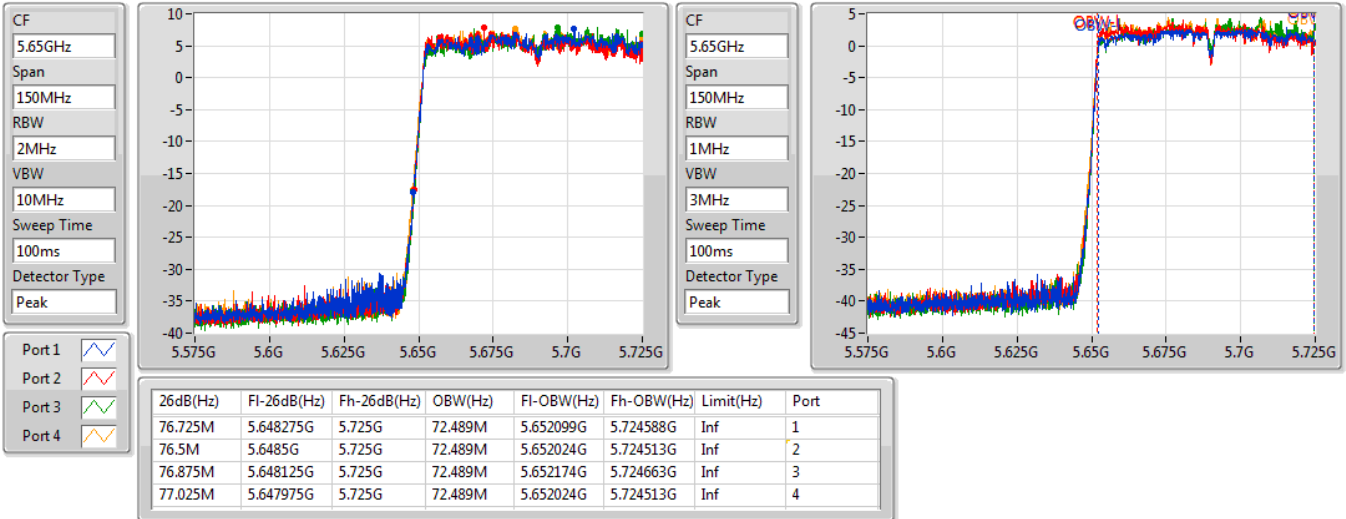


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

30/11/2019

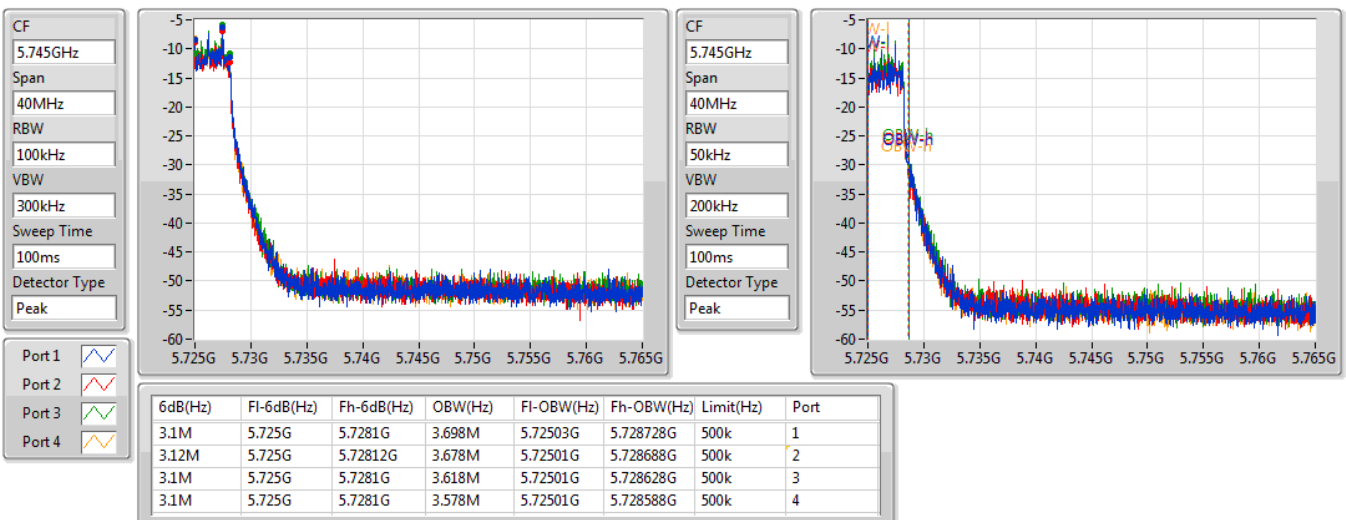


802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

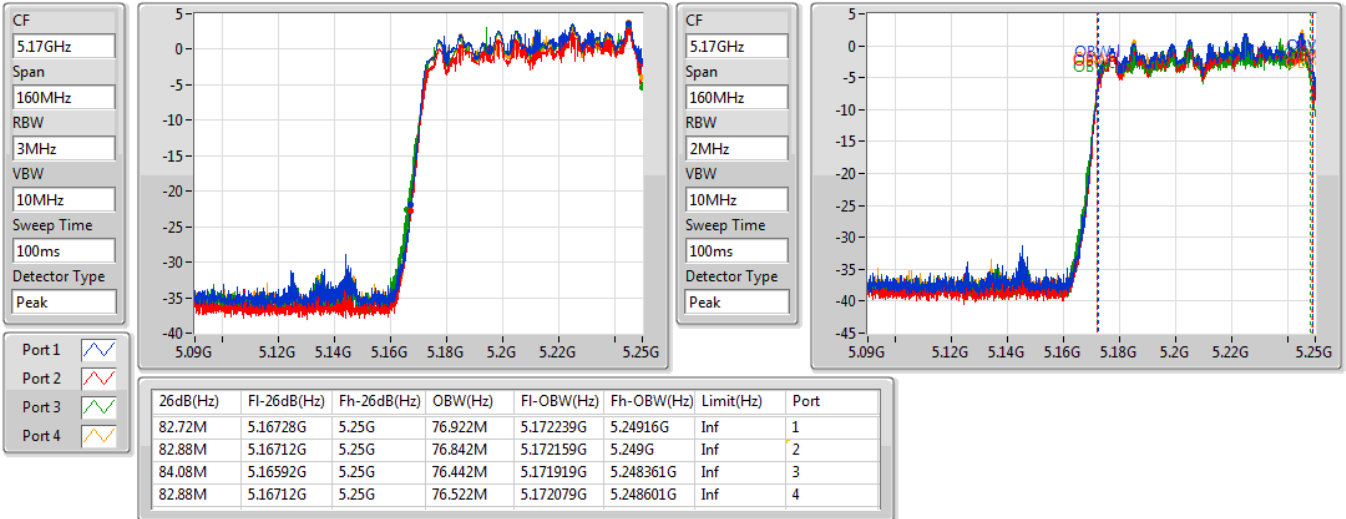
5690MHz Straddle 5.725-5.85GHz

30/11/2019

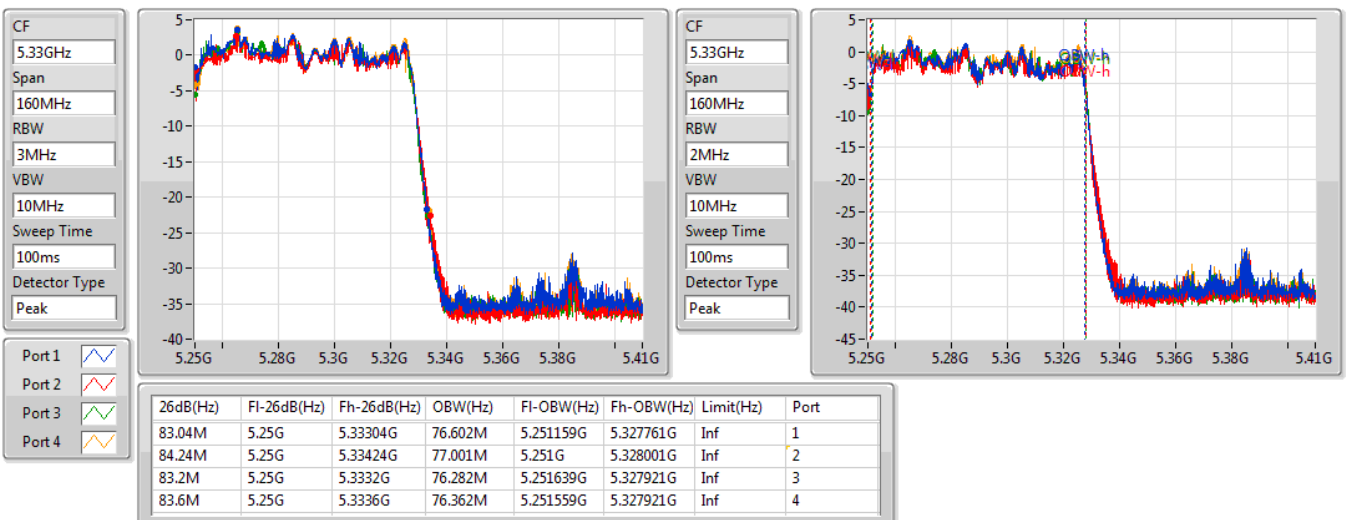


802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

30/11/2019

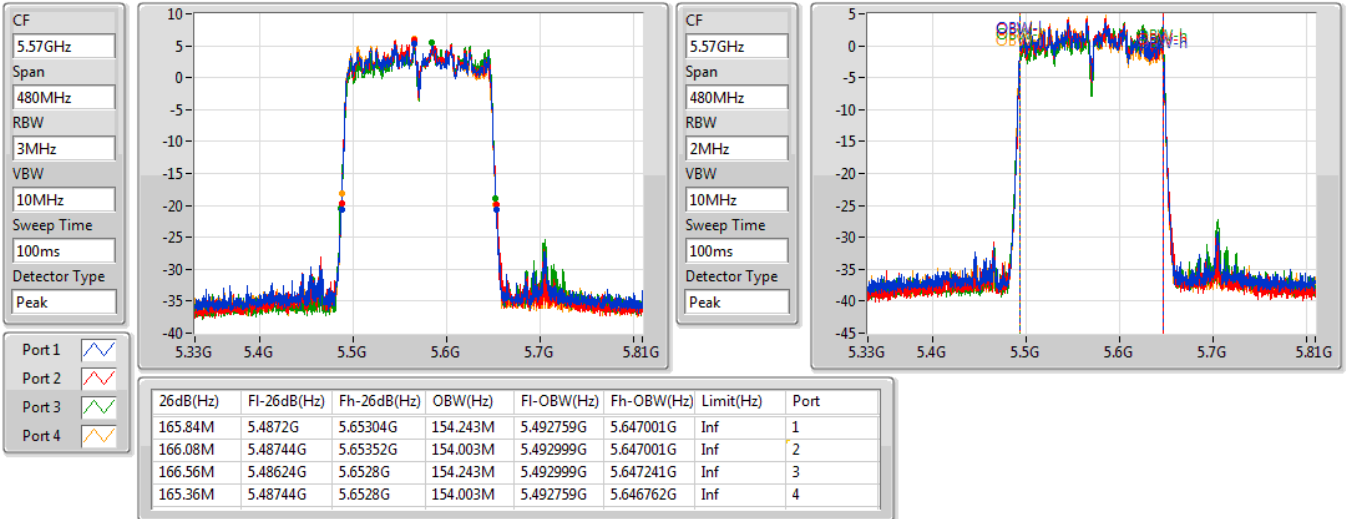

802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

30/11/2019

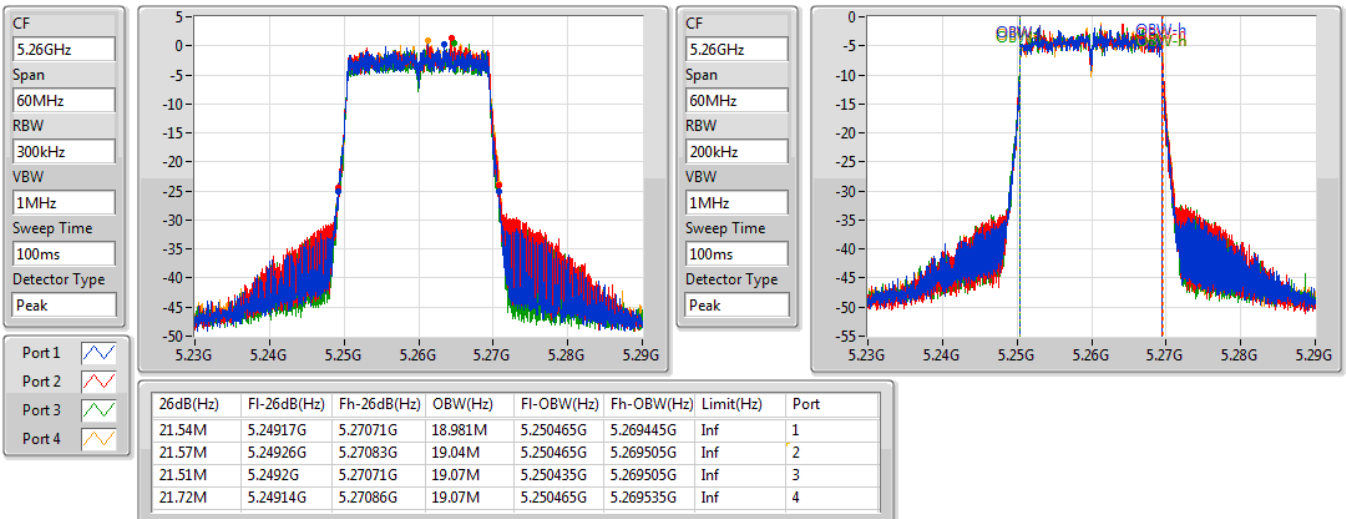


802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5570MHz

30/11/2019


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5260MHz

30/11/2019

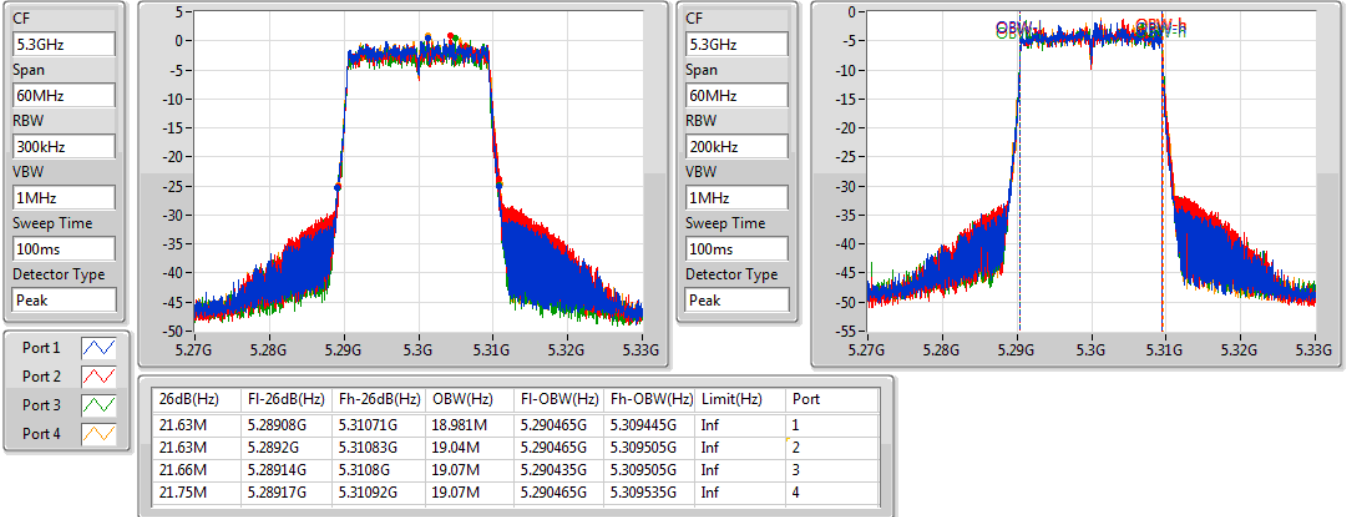


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5300MHz

30/11/2019

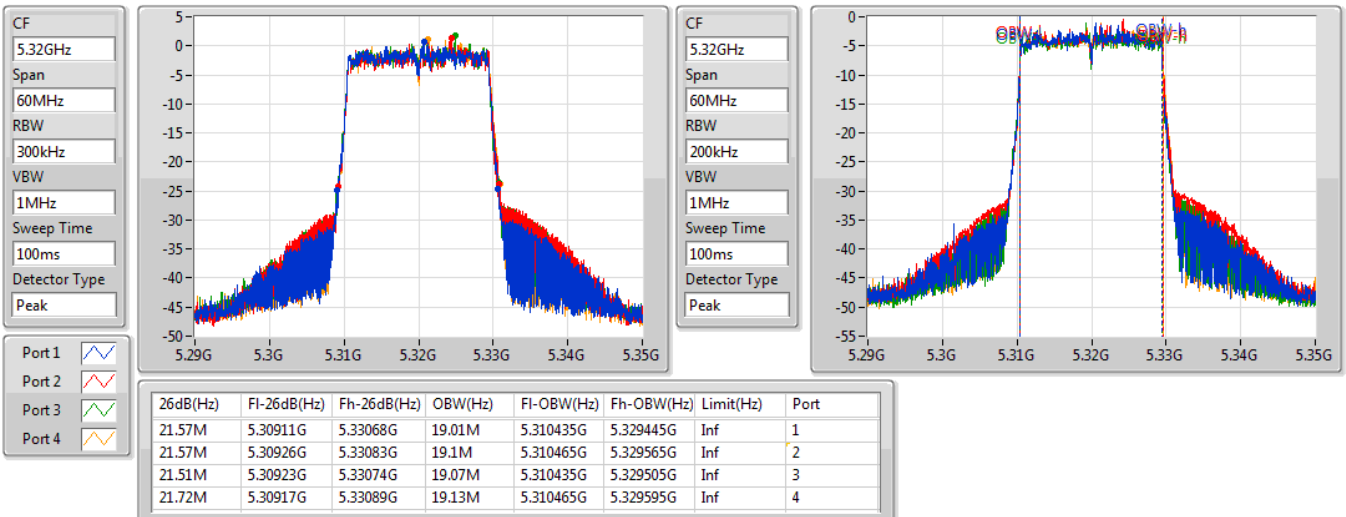


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

30/11/2019

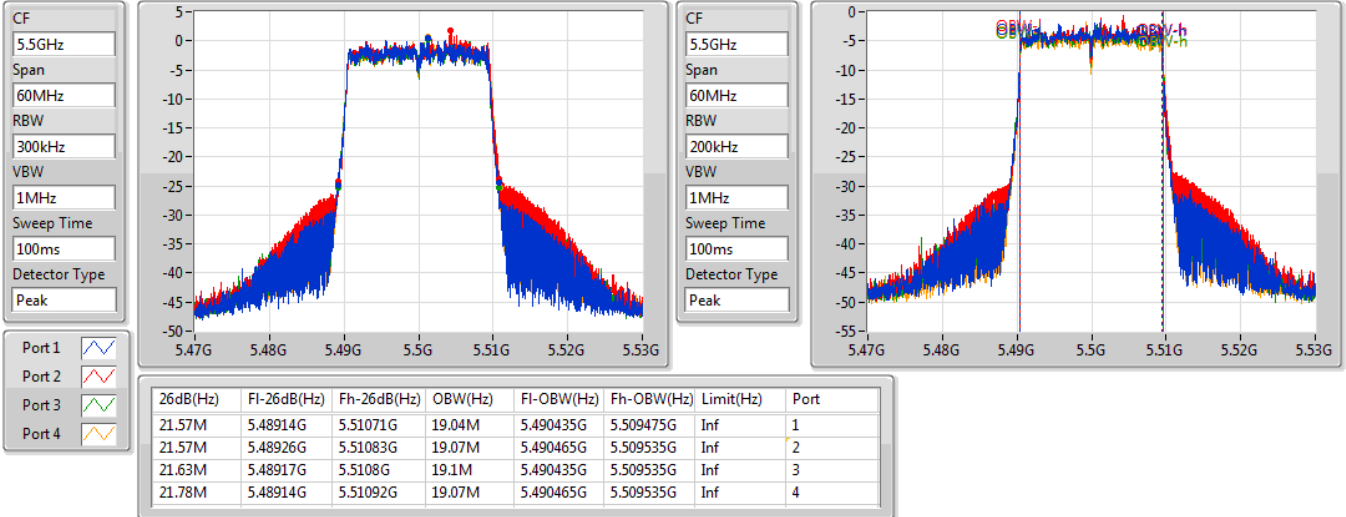


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5500MHz

30/11/2019

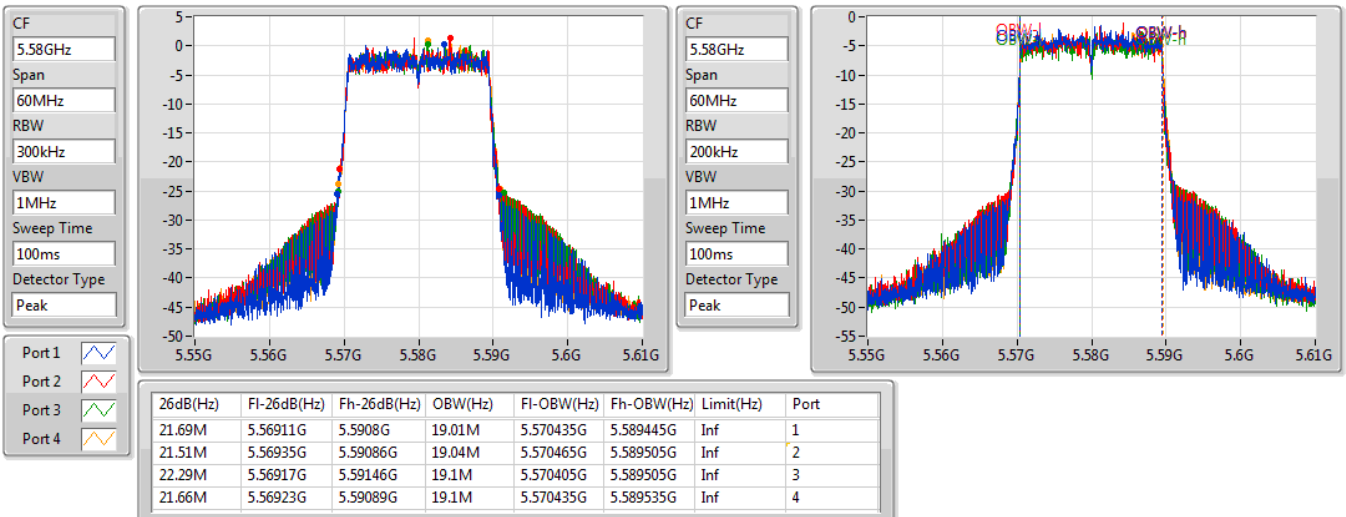


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5580MHz

30/11/2019

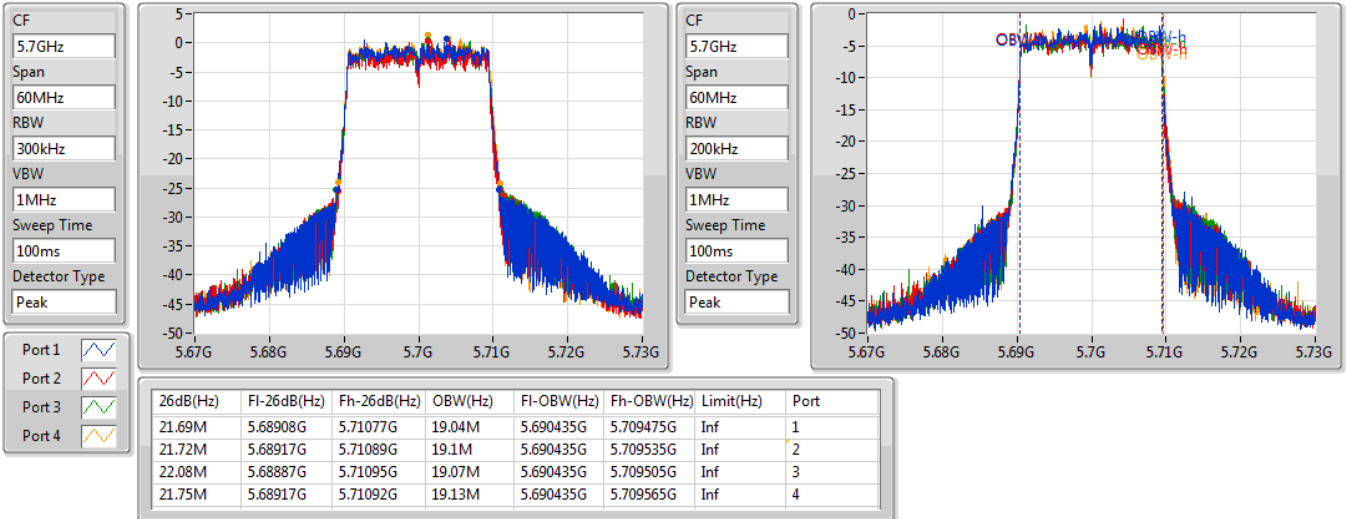


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5700MHz

30/11/2019

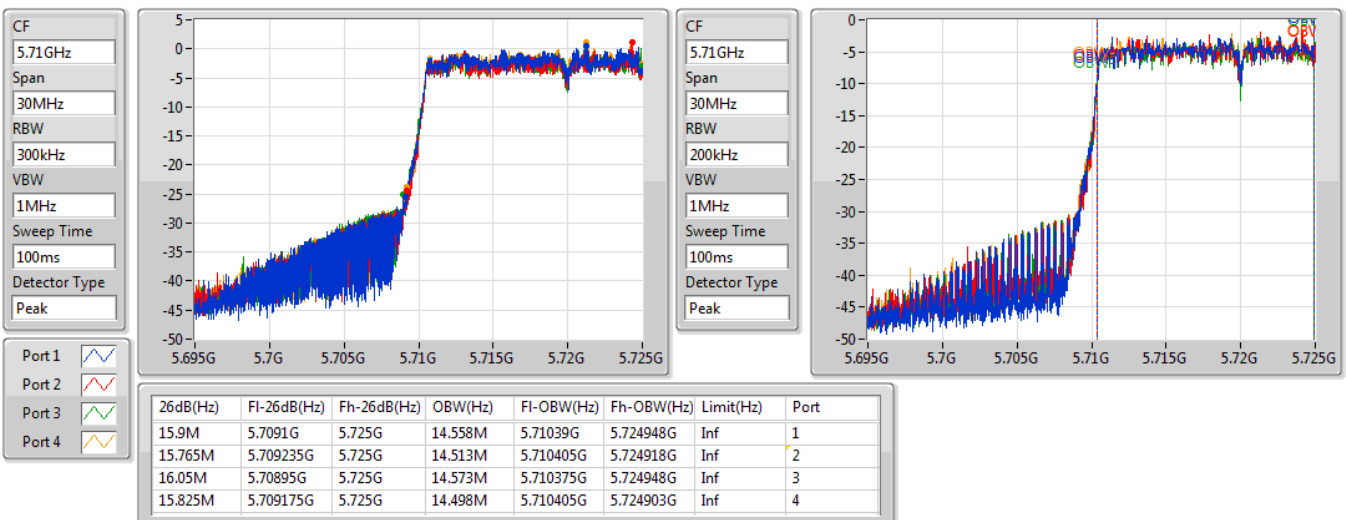


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/11/2019

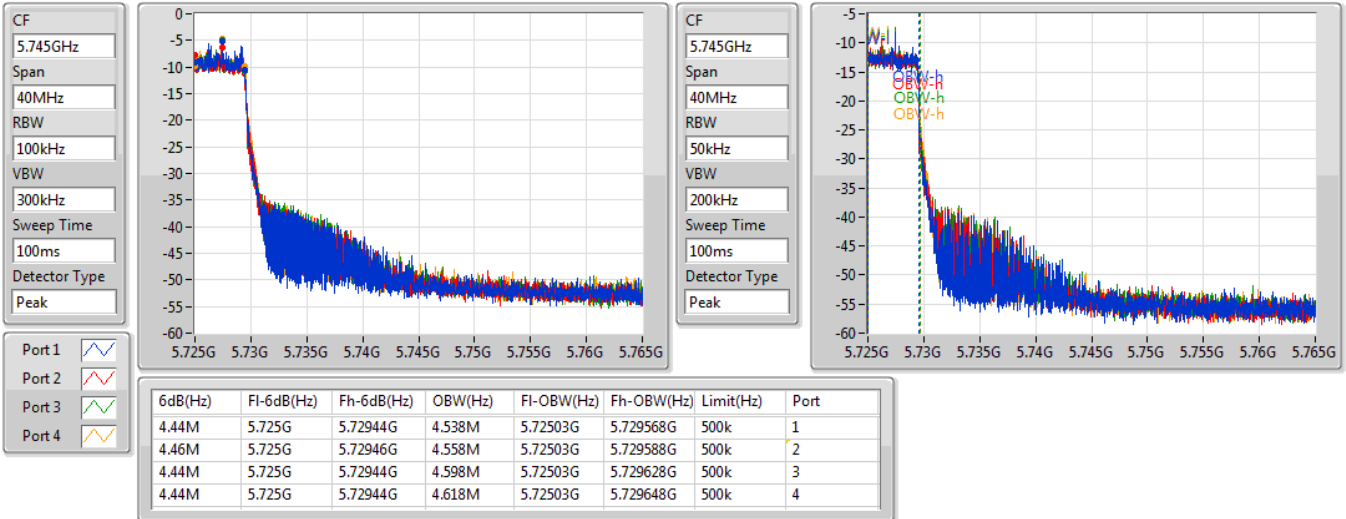


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/11/2019

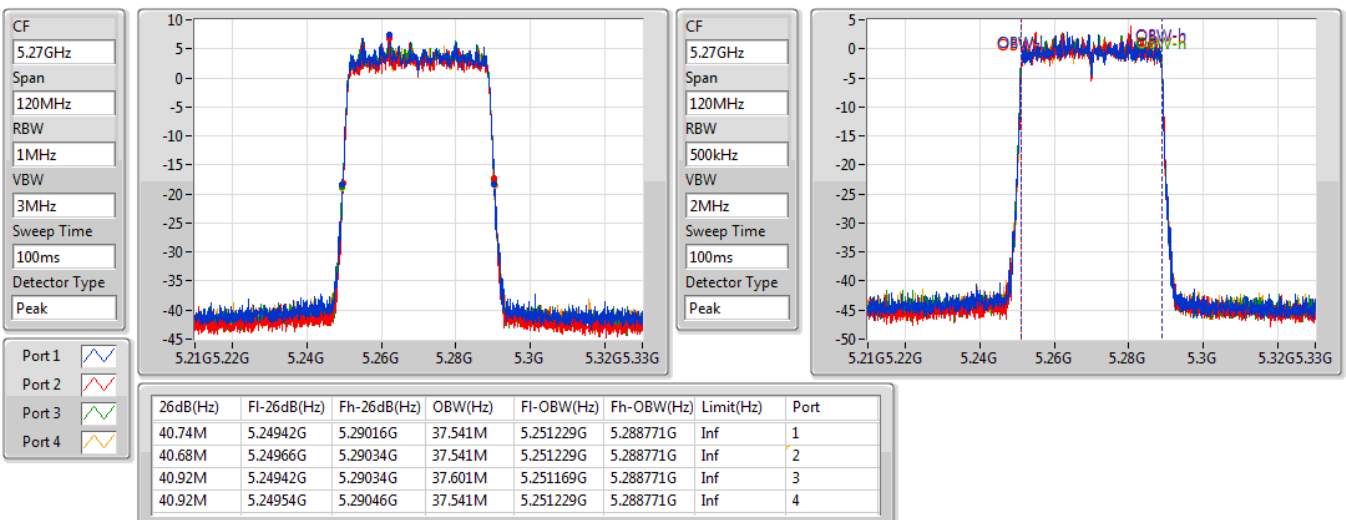


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5270MHz

30/11/2019

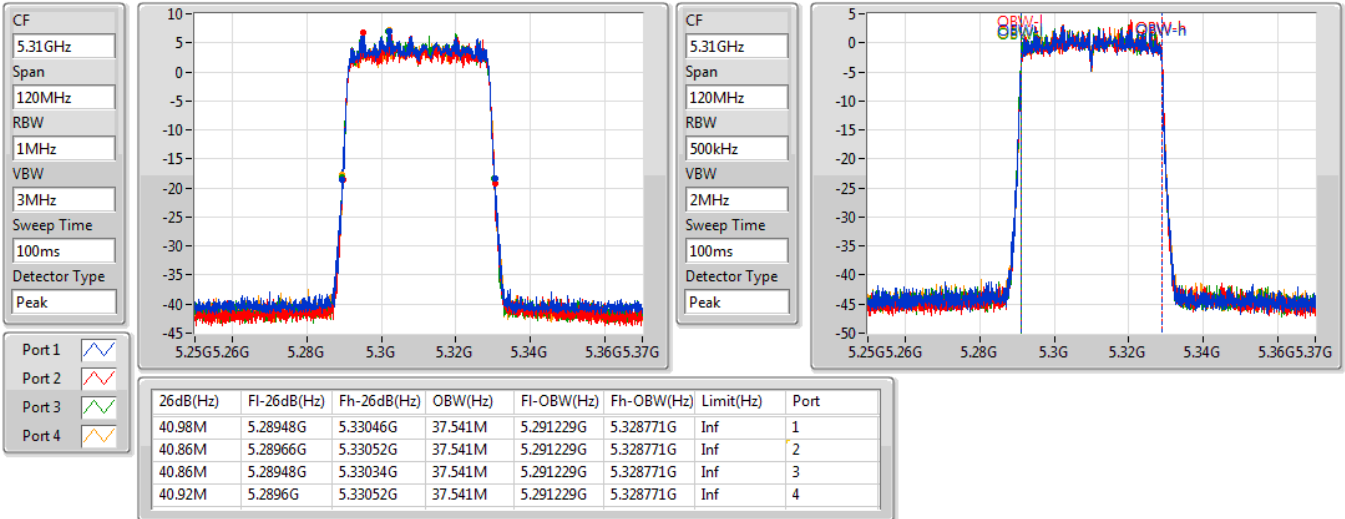


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5310MHz

30/11/2019

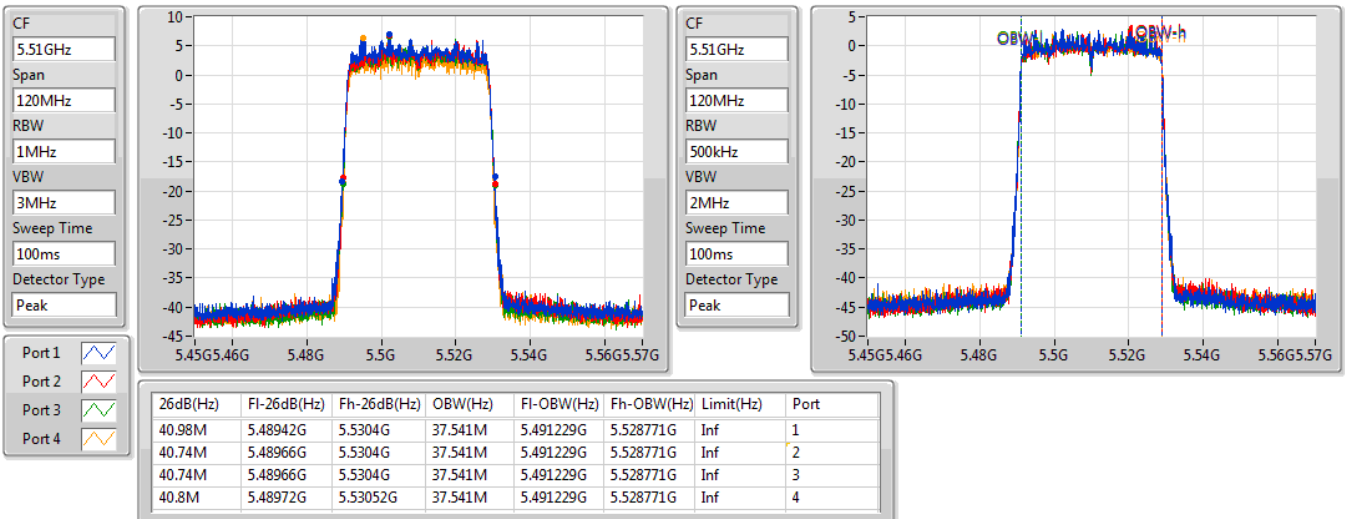


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5510MHz

30/11/2019

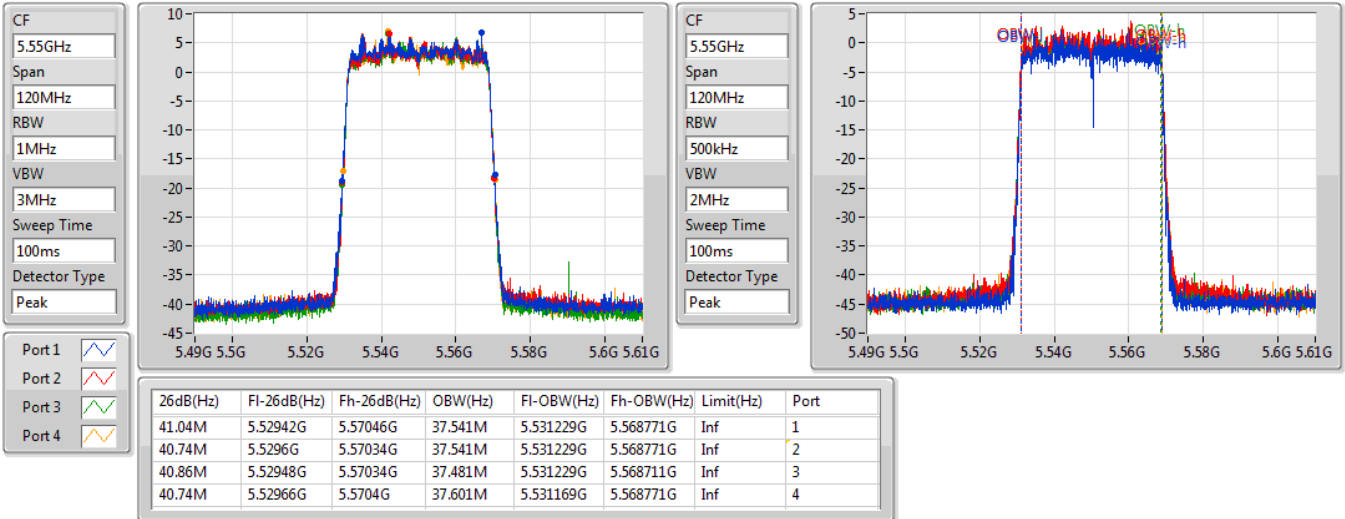


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5550MHz

30/11/2019

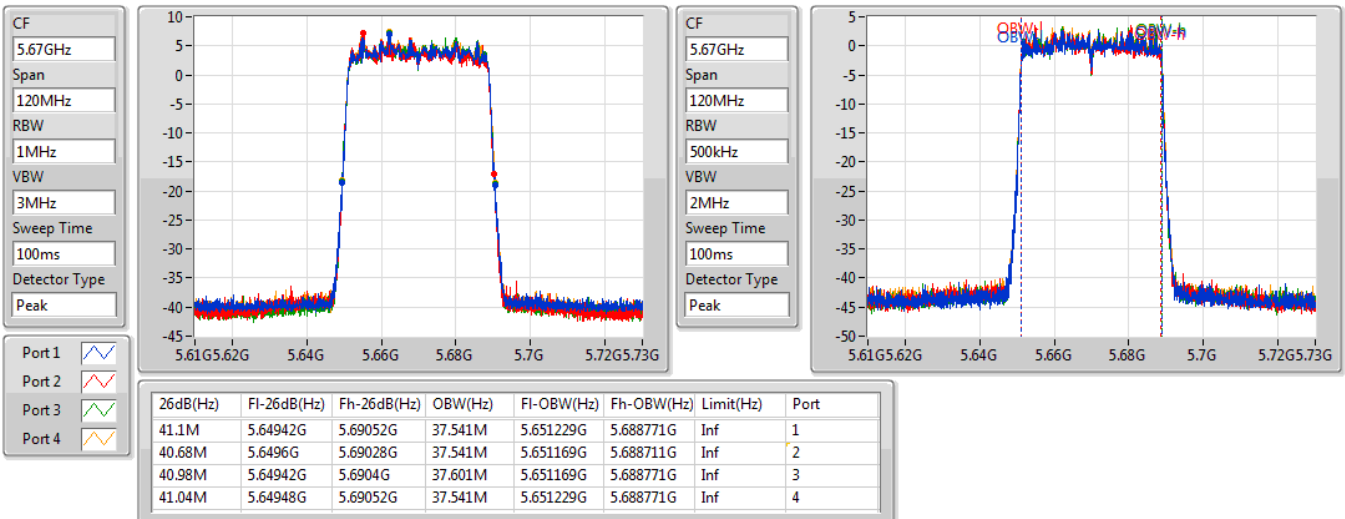


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5670MHz

30/11/2019

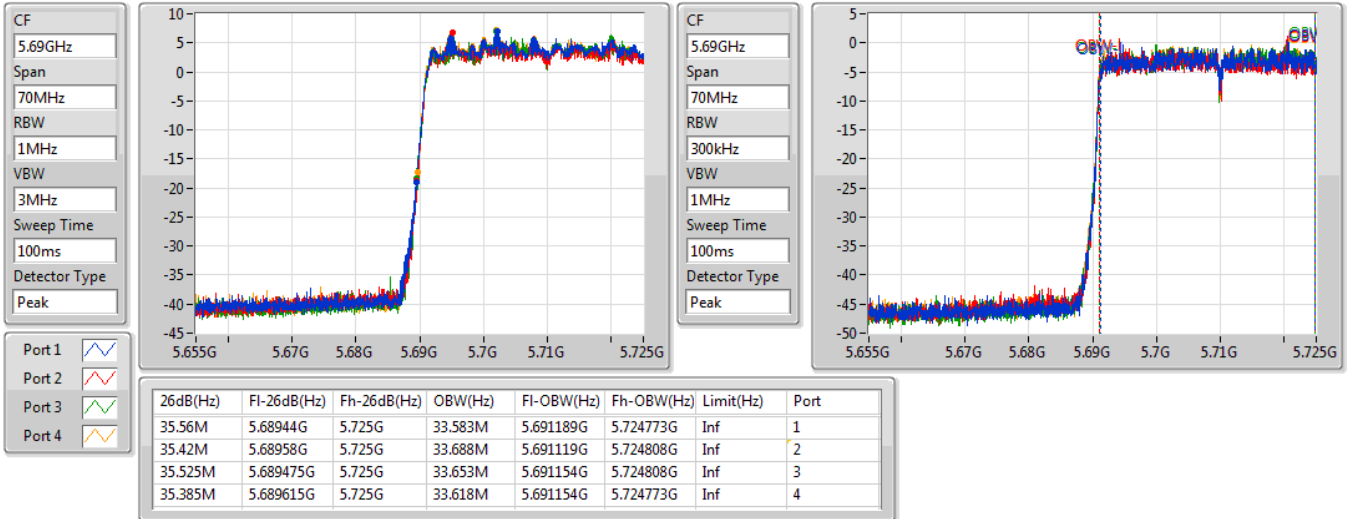


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

30/11/2019

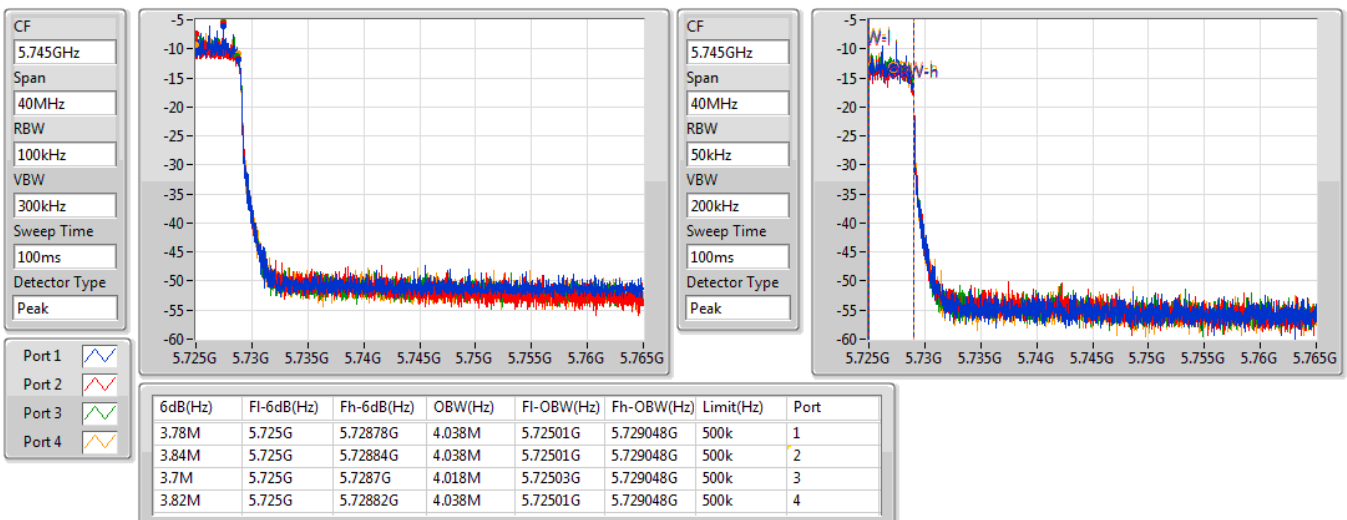


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/11/2019

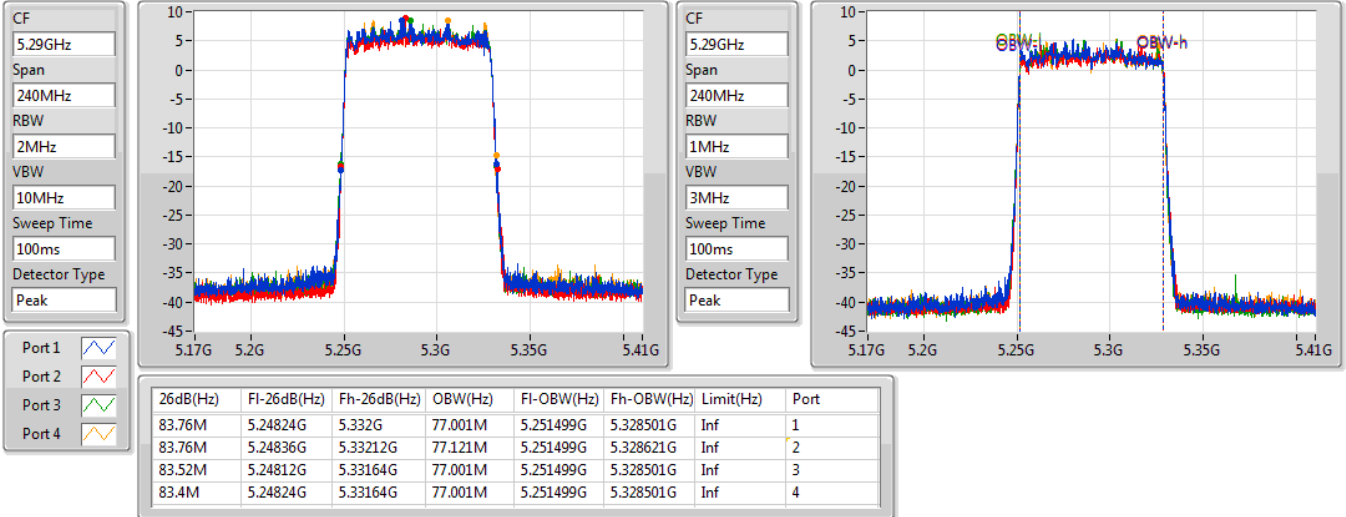


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5290MHz

30/11/2019

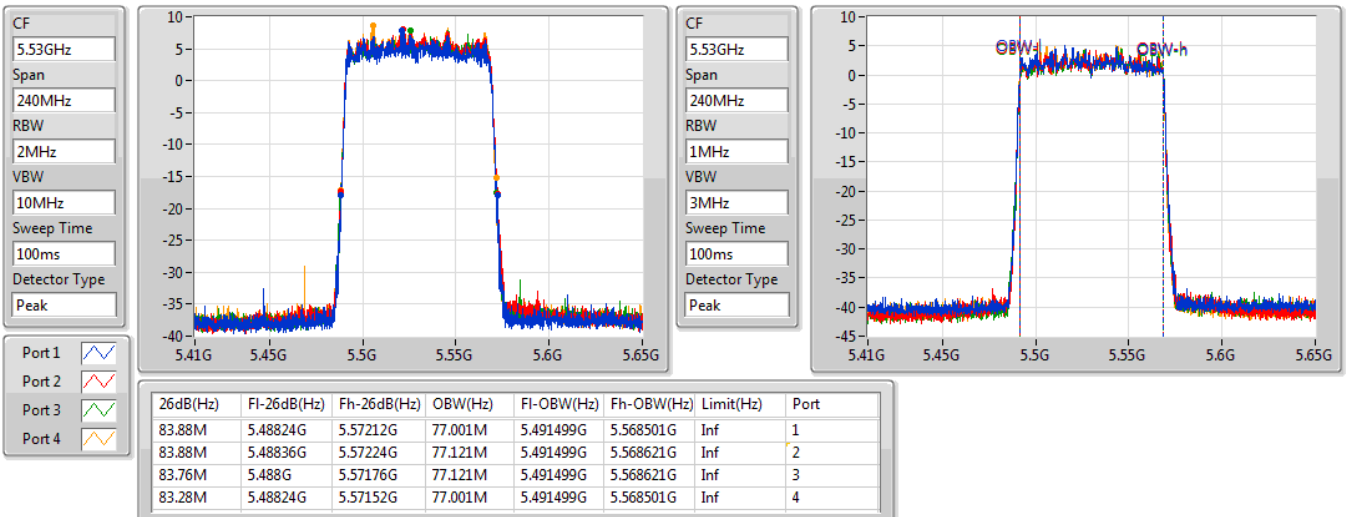


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

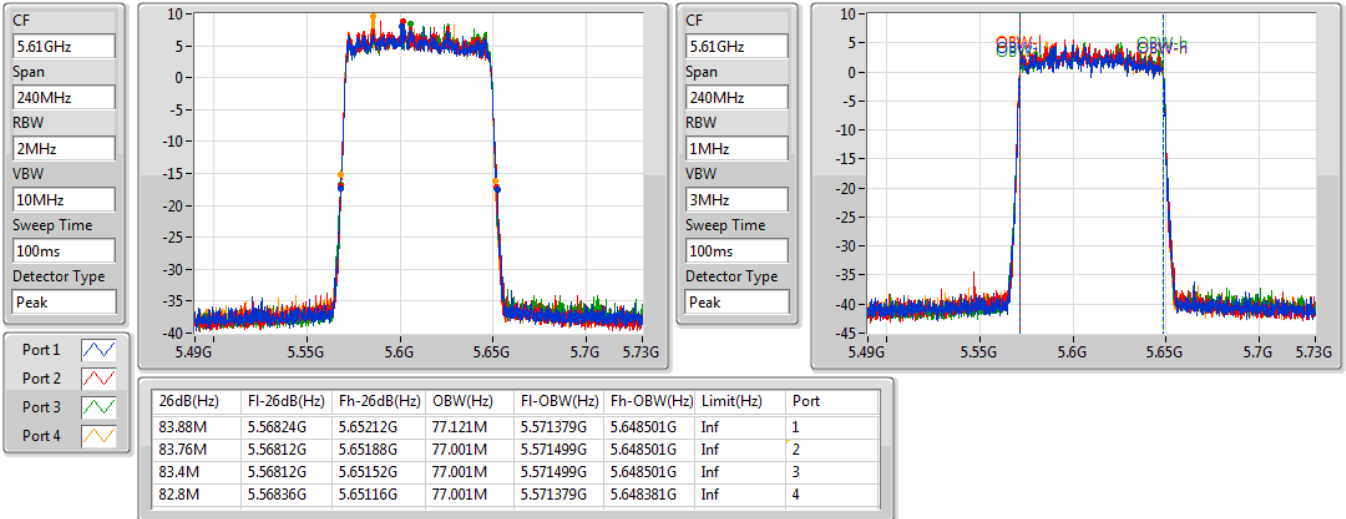
5530MHz

30/11/2019

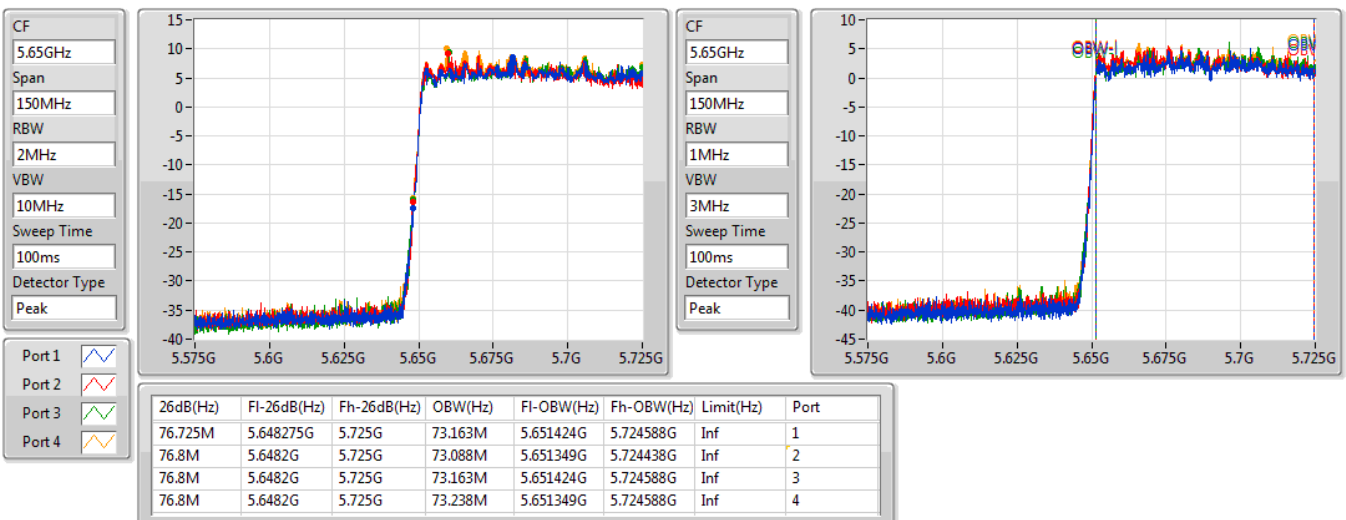


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5610MHz

30/11/2019


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

30/11/2019

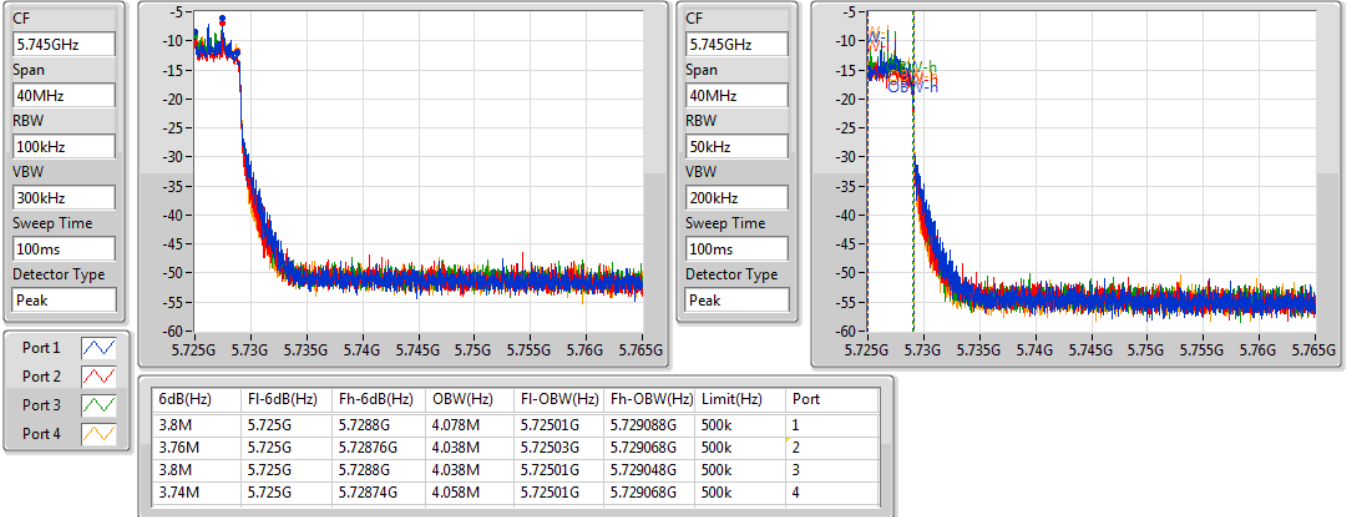


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/11/2019

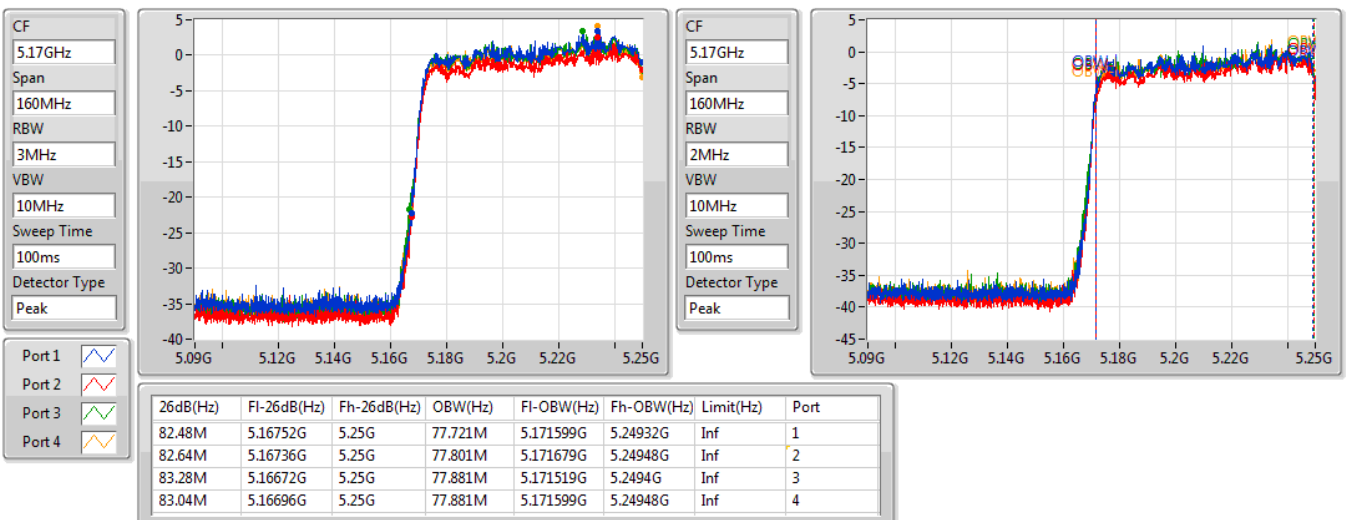


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

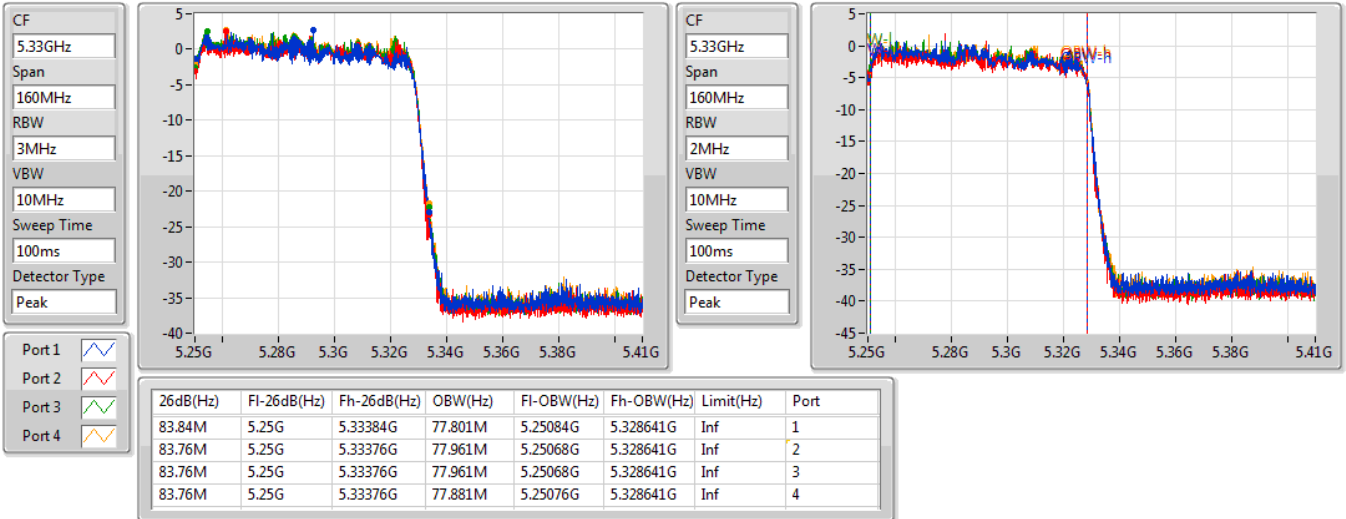
5250MHz Straddle 5.15-5.25GHz

30/11/2019

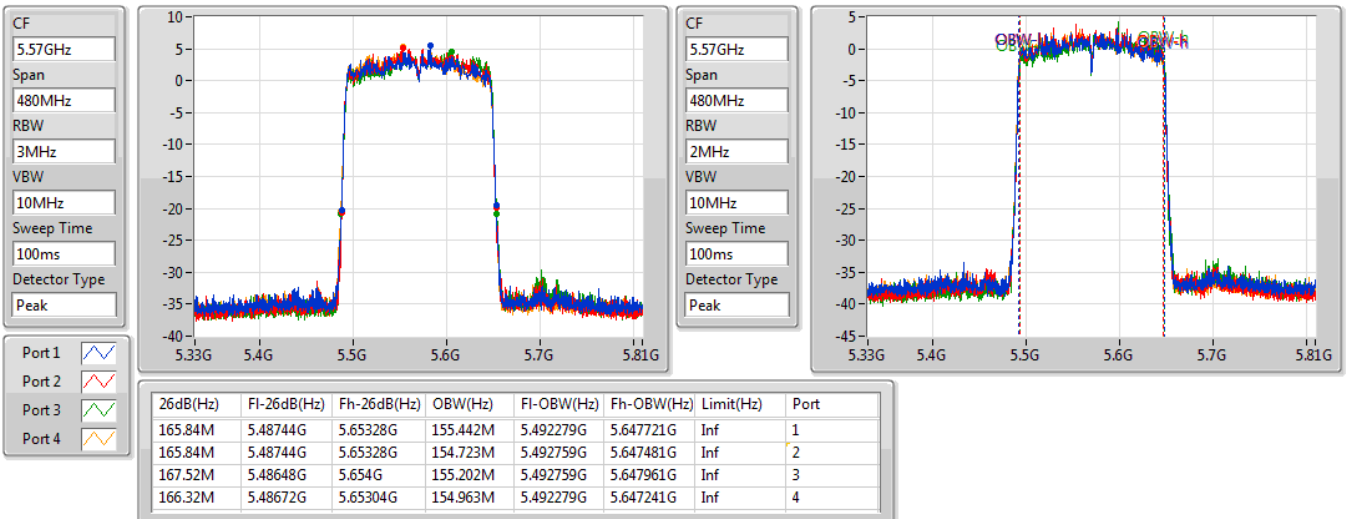


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

30/11/2019


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5570MHz

30/11/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	83.76M	77.401M	77M4D1D	82.08M	76.282M
802.11ax HEW160_Nss4,(MCS0)_4TX	83.28M	78.201M	78M2D1D	82.4M	77.801M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.81M	17.841M	17M8D1D	21.33M	17.751M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.92M	36.402M	36M4D1D	40.38M	36.342M
802.11ac VHT80_Nss4,(MCS0)_4TX	83.04M	75.922M	75M9D1D	82.68M	75.682M
802.11ac VHT160_Nss4,(MCS0)_4TX	84.24M	77.321M	77M3D1D	83.44M	76.362M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.9M	19.07M	19M1D1D	20.91M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	41.1M	37.661M	37M7D1D	40.44M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	83.76M	77.121M	77M1D1D	83.16M	76.882M
802.11ax HEW160_Nss4,(MCS0)_4TX	85.52M	78.521M	78M5D1D	83.92M	77.801M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.87M	17.841M	17M8D1D	15.81M	13.928M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.92M	36.462M	36M5D1D	35.245M	32.954M
802.11ac VHT80_Nss4,(MCS0)_4TX	83.04M	75.802M	75M8D1D	76.425M	72.339M
802.11ac VHT160_Nss4,(MCS0)_4TX	267.12M	155.442M	155MD1D	244.32M	154.723M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.9M	19.07M	19M1D1D	15.705M	14.528M
802.11ax HEW40_Nss4,(MCS0)_4TX	41.16M	37.721M	37M7D1D	35.385M	33.653M
802.11ax HEW80_Nss4,(MCS0)_4TX	83.64M	77.121M	77M1D1D	76.5M	73.013M
802.11ax HEW160_Nss4,(MCS0)_4TX	279.6M	157.361M	157MD1D	251.52M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	3.74M	4.318M	4M32D1D	3.74M	4.138M
802.11ac VHT40_Nss4,(MCS0)_4TX	3.14M	3.578M	3M58D1D	3.1M	3.438M
802.11ac VHT80_Nss4,(MCS0)_4TX	3.12M	3.758M	3M76D1D	3.1M	3.638M
802.11ax HEW20_Nss4,(MCS0)_4TX	4.44M	4.538M	4M54D1D	4.34M	4.518M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.92M	4.058M	4M06D1D	3.7M	4.018M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.8M	4.078M	4M08D1D	3.68M	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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.63M	17.811M	21.45M	17.811M	21.66M	17.841M	21.33M	17.751M
5300MHz_TnomVnom	Pass	Inf	21.69M	17.781M	21.57M	17.811M	21.75M	17.841M	21.45M	17.751M
5320MHz_TnomVnom	Pass	Inf	21.81M	17.781M	21.48M	17.811M	21.78M	17.811M	21.51M	17.751M
5500MHz_TnomVnom	Pass	Inf	21.63M	17.811M	21.57M	17.811M	21.72M	17.811M	21.54M	17.751M
5580MHz_TnomVnom	Pass	Inf	21.78M	17.781M	21.57M	17.811M	21.87M	17.841M	21.57M	17.781M
5700MHz_TnomVnom	Pass	Inf	21.54M	17.781M	21.48M	17.781M	21.78M	17.811M	21.39M	17.751M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.9M	13.958M	15.81M	13.928M	15.84M	13.928M	15.9M	13.973M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.158M	3.74M	4.318M	3.74M	4.278M	3.74M	4.138M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.86M	36.402M	40.8M	36.342M	40.44M	36.342M	40.92M	36.402M
5310MHz_TnomVnom	Pass	Inf	40.38M	36.402M	40.86M	36.342M	40.5M	36.342M	40.8M	36.402M
5510MHz_TnomVnom	Pass	Inf	40.38M	36.402M	40.74M	36.342M	40.5M	36.342M	40.86M	36.402M
5550MHz_TnomVnom	Pass	Inf	40.86M	36.402M	40.92M	36.342M	40.44M	36.342M	40.8M	36.402M
5670MHz_TnomVnom	Pass	Inf	40.86M	36.402M	40.74M	36.342M	40.56M	36.282M	40.86M	36.462M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.525M	32.954M	35.35M	32.989M	35.245M	32.954M	35.56M	33.058M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.1M	3.438M	3.14M	3.578M	3.12M	3.498M	3.12M	3.498M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.04M	75.682M	82.8M	75.802M	82.68M	75.682M	82.8M	75.922M
5530MHz_TnomVnom	Pass	Inf	82.92M	75.682M	82.68M	75.802M	82.92M	75.802M	83.04M	75.802M
5610MHz_TnomVnom	Pass	Inf	82.92M	75.682M	82.56M	75.682M	82.92M	75.802M	83.04M	75.802M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.725M	72.414M	76.425M	72.339M	76.725M	72.414M	76.575M	72.489M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.1M	3.698M	3.12M	3.758M	3.1M	3.638M	3.1M	3.738M
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	83.6M	77.401M	83.76M	76.842M	82.08M	76.282M	83.28M	76.842M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	84.24M	77.321M	83.44M	77.081M	83.6M	76.362M	84.08M	76.682M
5570MHz_TnomVnom	Pass	Inf	253.2M	154.723M	263.04M	154.963M	244.32M	155.442M	267.12M	154.963M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.91M	18.951M	21.87M	19.01M	21.33M	19.04M	21.57M	18.981M
5300MHz_TnomVnom	Pass	Inf	21.33M	18.981M	21.9M	19.01M	21.24M	19.04M	21.54M	19.04M
5320MHz_TnomVnom	Pass	Inf	21.18M	18.981M	21.84M	19.01M	21.33M	19.07M	21.63M	19.07M
5500MHz_TnomVnom	Pass	Inf	21.33M	18.981M	21.81M	19.04M	21.36M	19.04M	21.42M	19.07M
5580MHz_TnomVnom	Pass	Inf	21.3M	19.01M	21.84M	19.04M	21.39M	19.04M	21.6M	19.07M
5700MHz_TnomVnom	Pass	Inf	21.45M	18.981M	21.9M	19.04M	21.36M	19.07M	21.72M	19.07M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.795M	14.528M	15.975M	14.573M	15.705M	14.558M	15.93M	14.618M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.34M	4.518M	4.44M	4.538M	4.44M	4.518M	4.38M	4.518M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.8M	37.661M	40.92M	37.661M	40.56M	37.481M	41.1M	37.661M
5310MHz_TnomVnom	Pass	Inf	40.86M	37.661M	41.04M	37.601M	40.44M	37.481M	40.92M	37.661M
5510MHz_TnomVnom	Pass	Inf	40.92M	37.601M	40.92M	37.601M	40.62M	37.481M	41.16M	37.661M
5550MHz_TnomVnom	Pass	Inf	40.86M	37.661M	40.92M	37.661M	40.5M	37.541M	41.04M	37.661M
5670MHz_TnomVnom	Pass	Inf	40.92M	37.661M	40.92M	37.661M	40.56M	37.481M	40.98M	37.721M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.525M	33.758M	35.42M	33.723M	35.385M	33.653M	35.49M	33.688M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.92M	4.038M	3.74M	4.058M	3.84M	4.018M	3.7M	4.038M

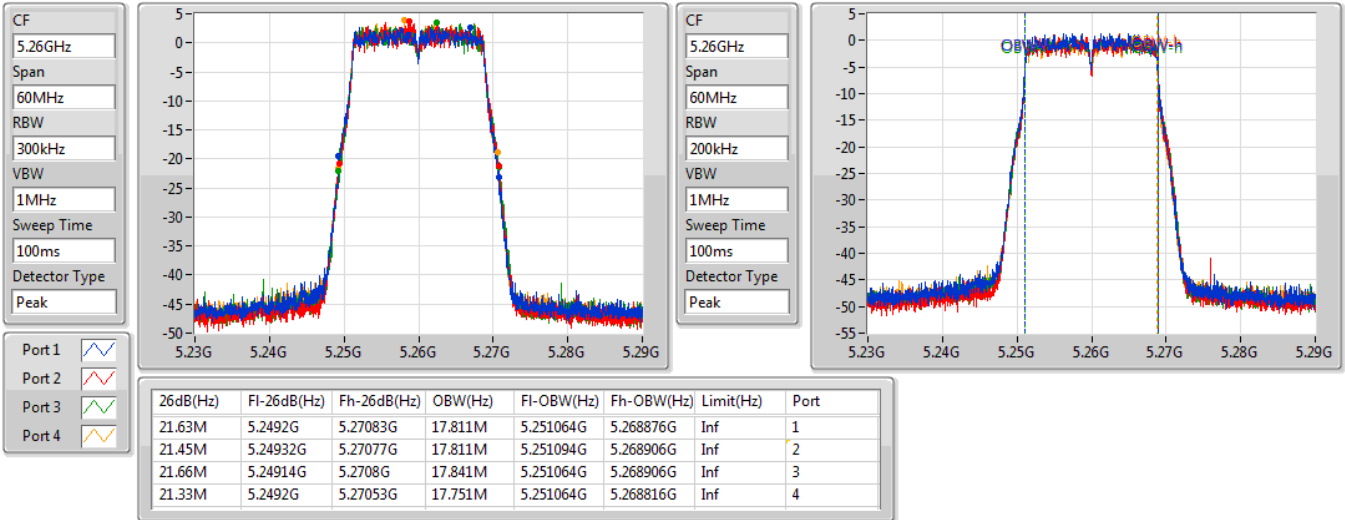
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.16M	76.882M	83.16M	77.121M	83.28M	77.121M	83.76M	77.001M
5530MHz_TnomVnom	Pass	Inf	83.28M	77.001M	83.16M	77.001M	83.16M	77.121M	83.64M	77.001M
5610MHz_TnomVnom	Pass	Inf	83.4M	77.001M	83.16M	77.001M	83.28M	77.121M	83.4M	77.001M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.8M	73.238M	76.65M	73.013M	76.5M	73.313M	76.725M	73.088M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.78M	4.078M	3.68M	4.078M	3.8M	4.078M	3.8M	4.078M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	Inf	82.64M	77.801M	82.4M	77.801M	83.28M	78.201M	83.12M	78.041M
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	Inf	84.64M	77.801M	85.52M	78.521M	84.32M	77.961M	83.92M	77.881M
5570MHz_TnomVnom	Pass	Inf	251.76M	155.922M	251.52M	156.402M	279.6M	157.361M	276M	156.162M

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

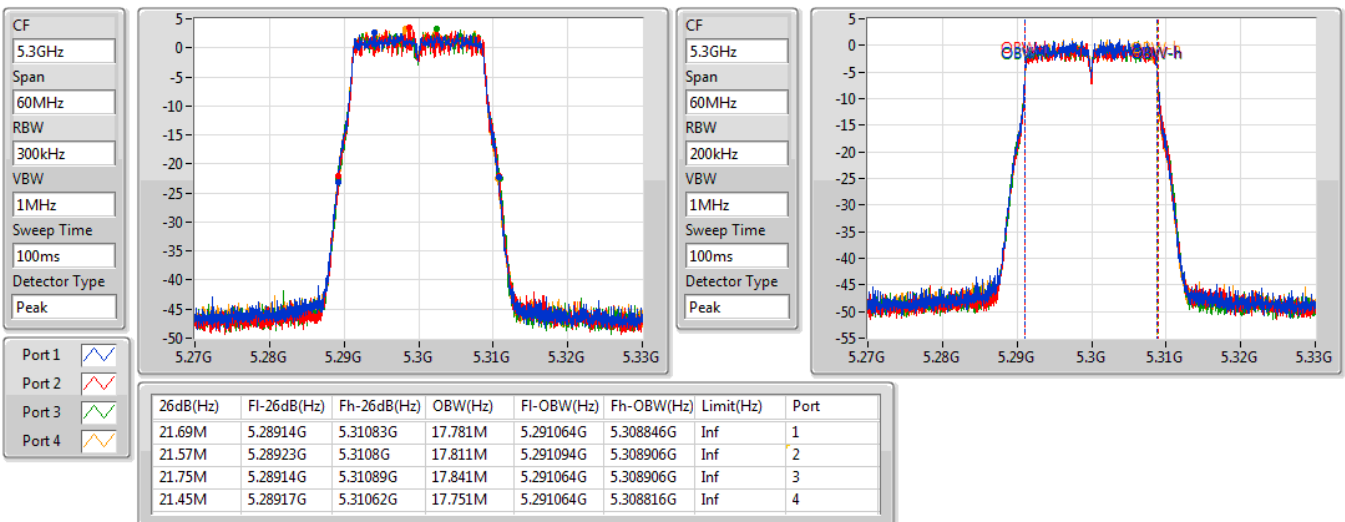
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5260MHz

30/11/2019


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5300MHz

30/11/2019

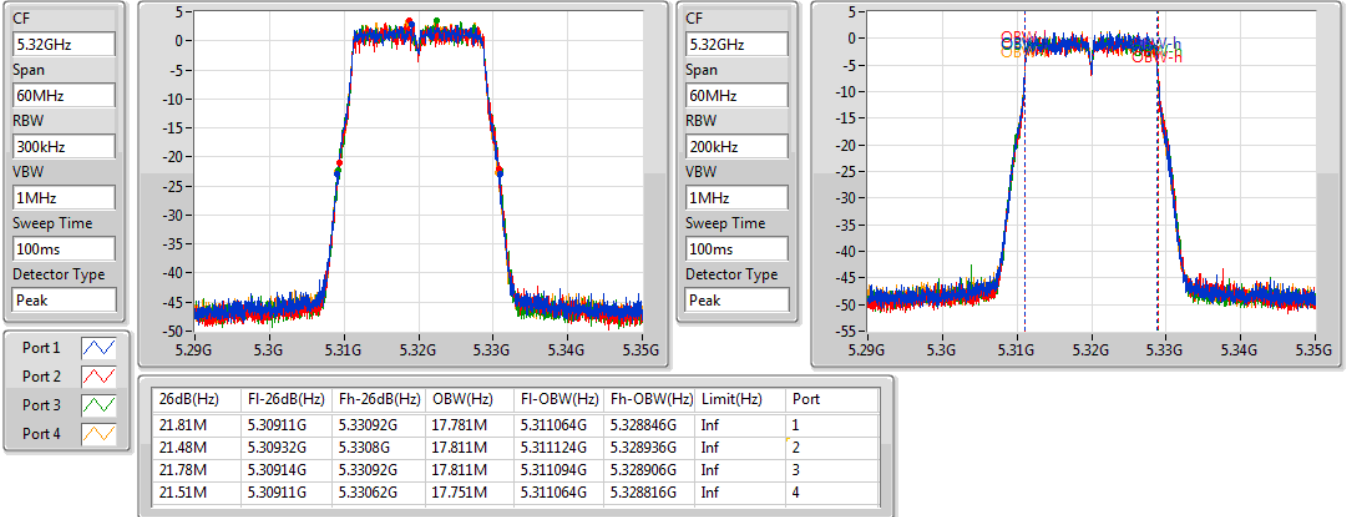


802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5320MHz

30/11/2019

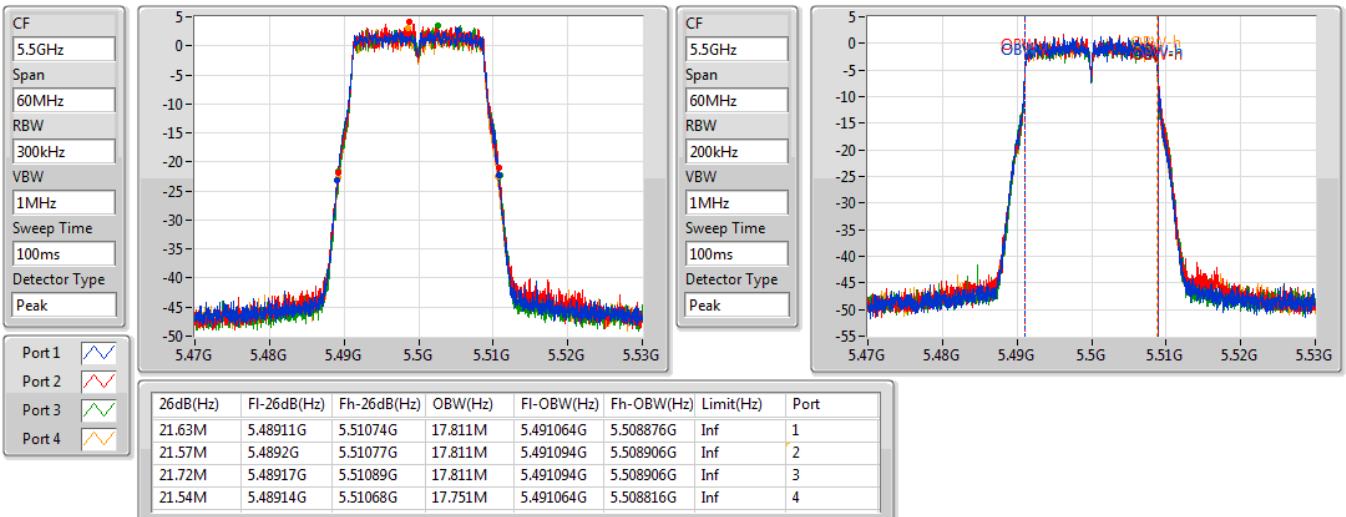


802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5500MHz

30/11/2019

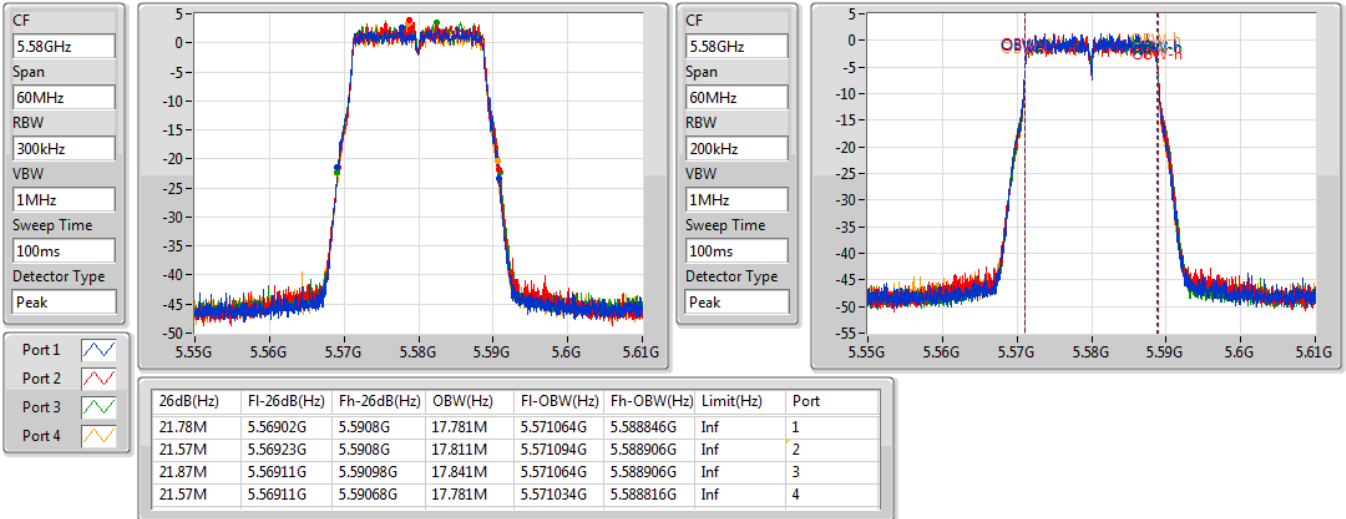


802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

5580MHz

30/11/2019

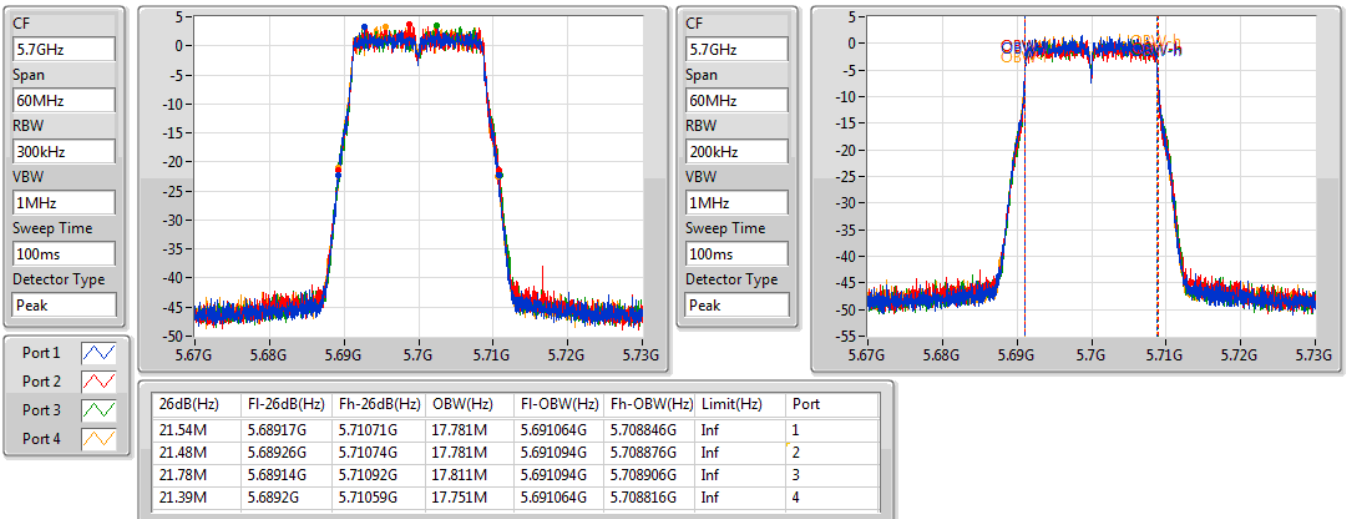


802.11ac VHT20_Nss4,(MCS0)_4TX

EBW

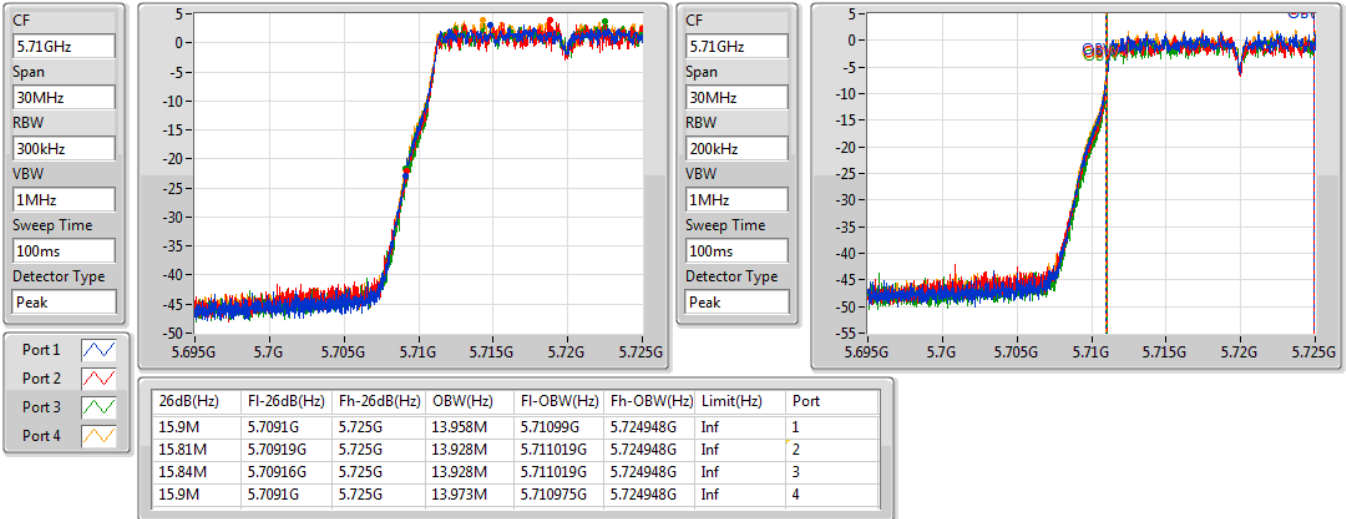
5700MHz

30/11/2019

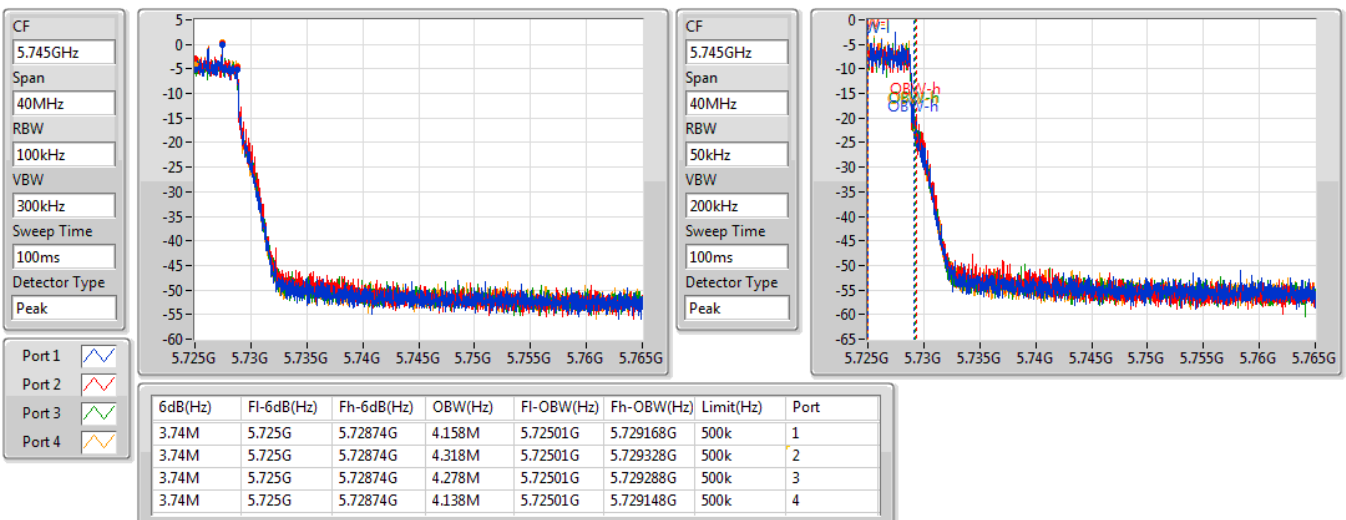


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/11/2019

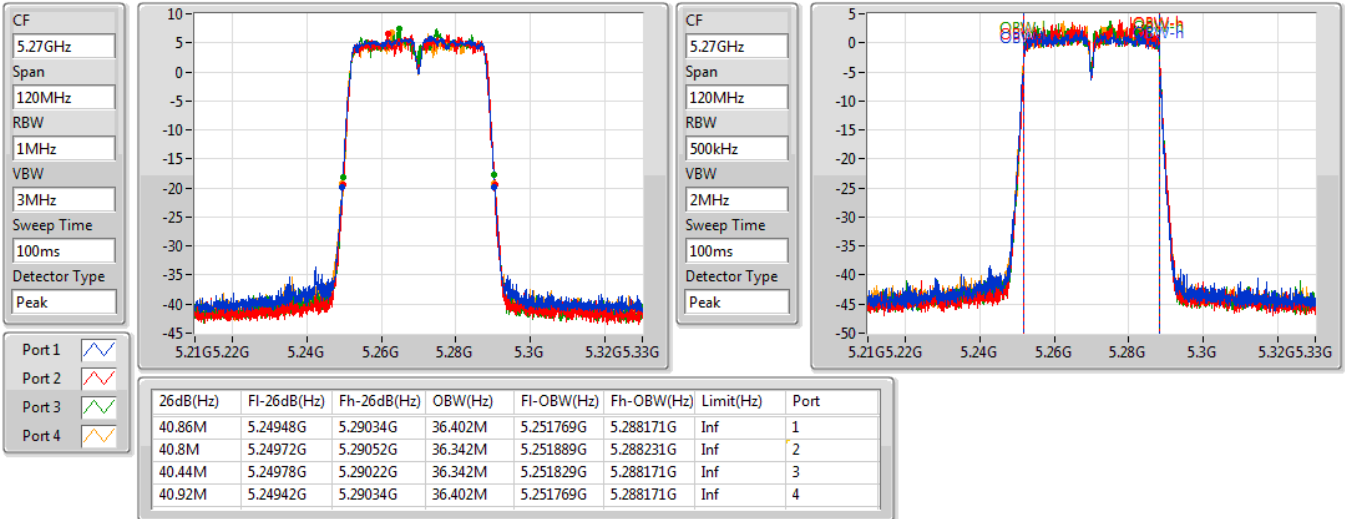

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/11/2019

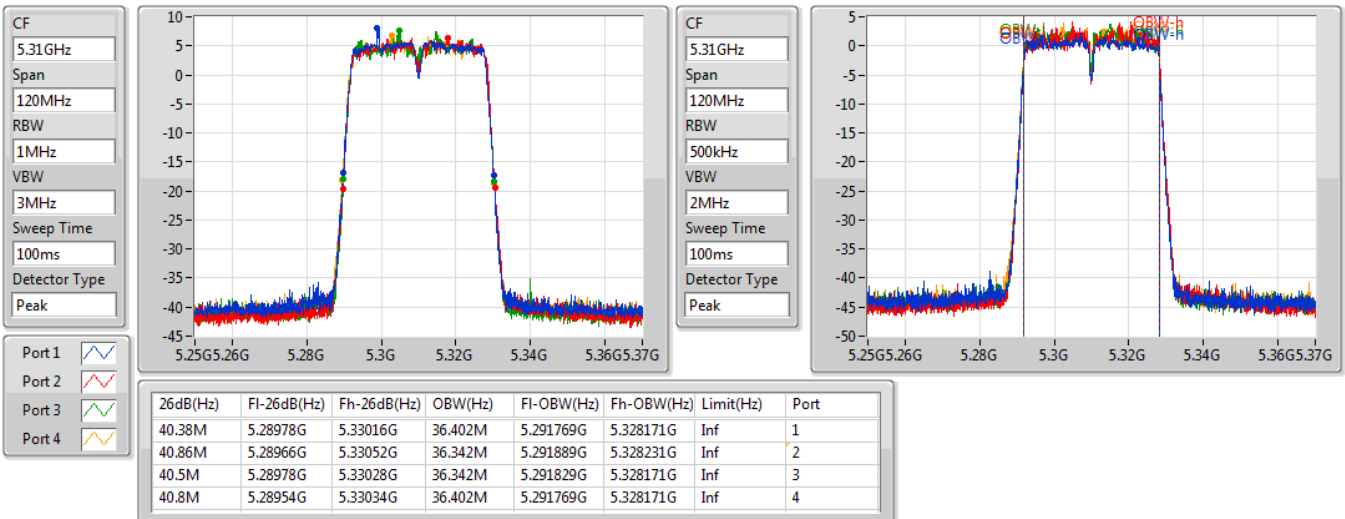


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5270MHz

30/11/2019


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5310MHz

30/11/2019

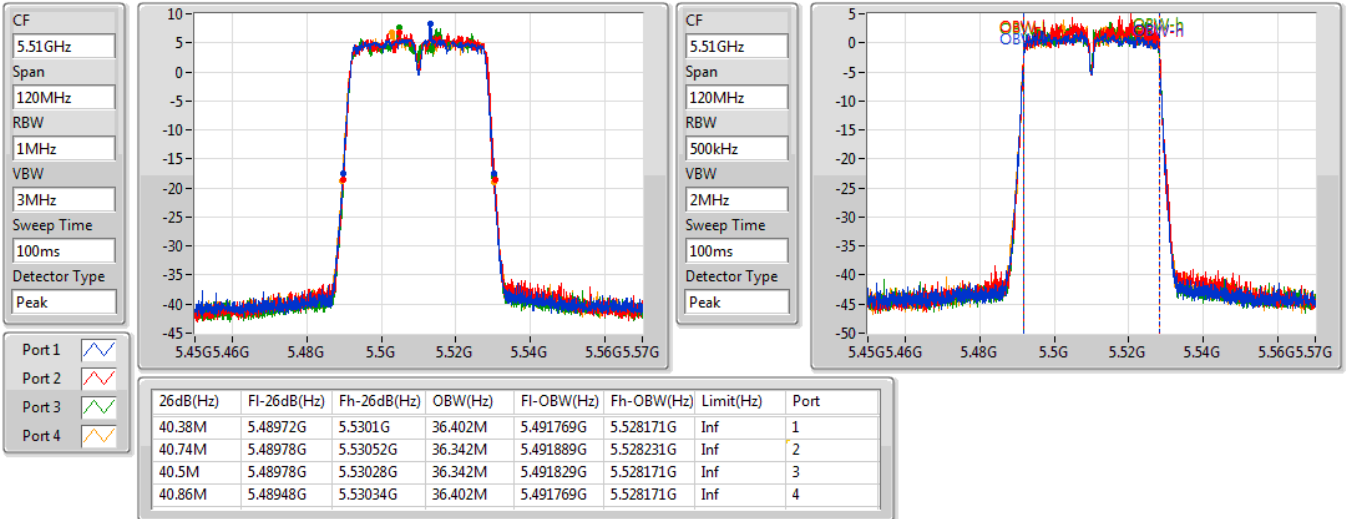


802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

5510MHz

30/11/2019

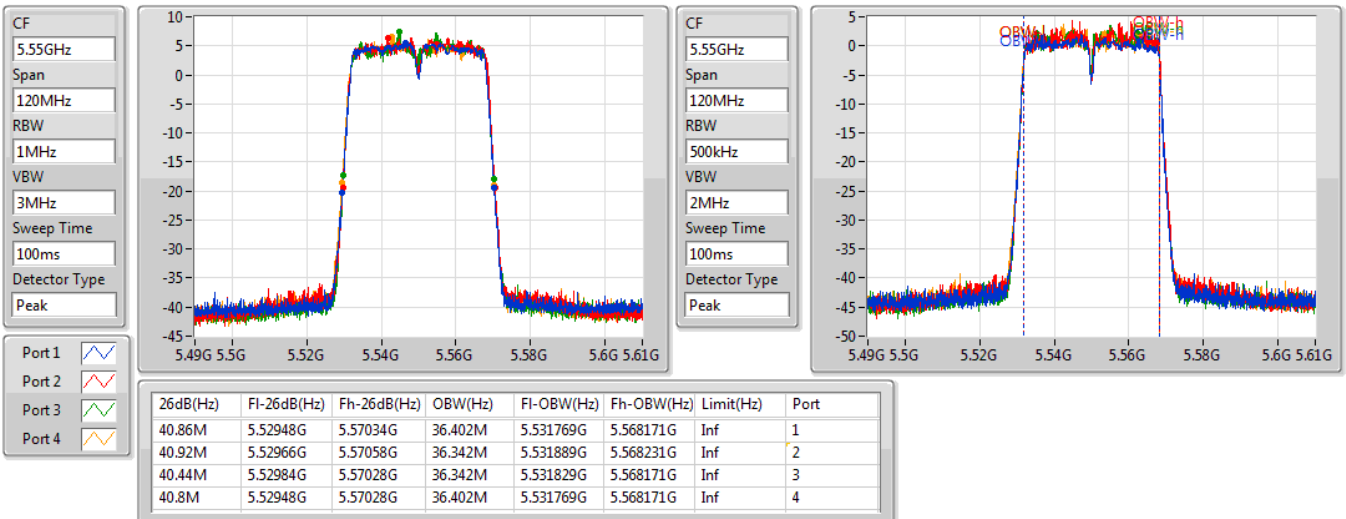


802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

5550MHz

30/11/2019

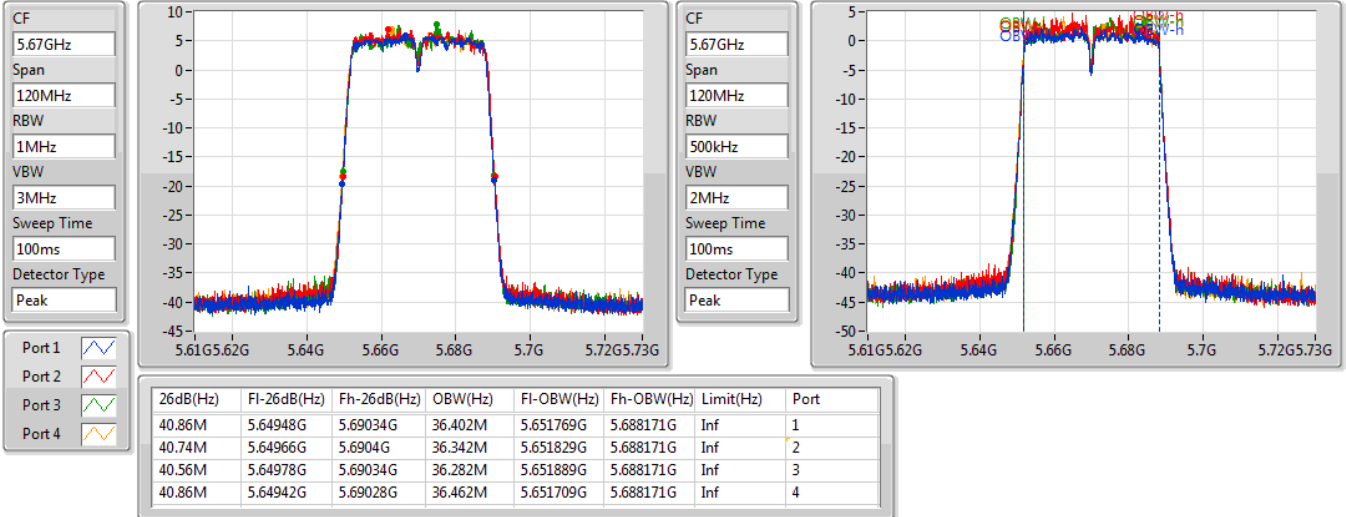


802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

5670MHz

30/11/2019

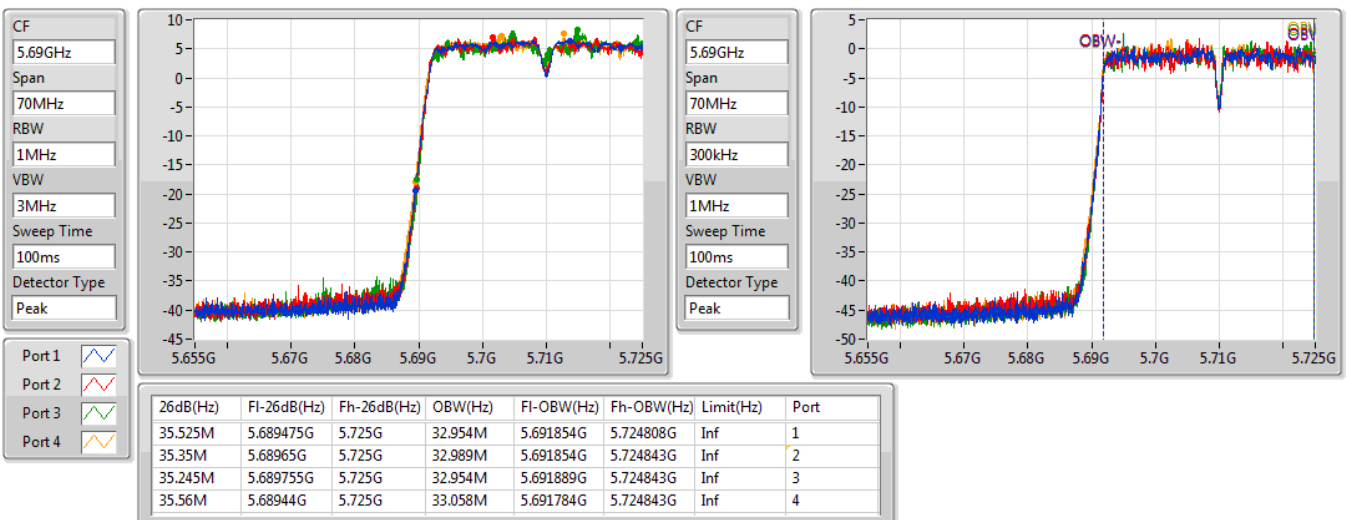


802.11ac VHT40_Nss4,(MCS0)_4TX

EBW

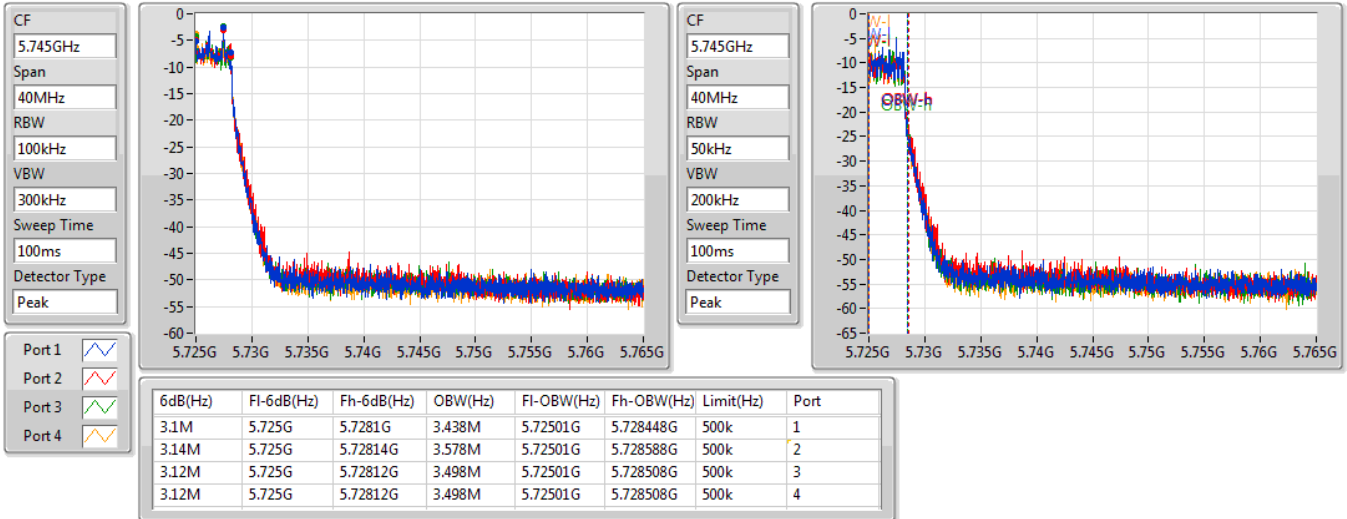
5710MHz Straddle 5.47-5.725GHz

30/11/2019

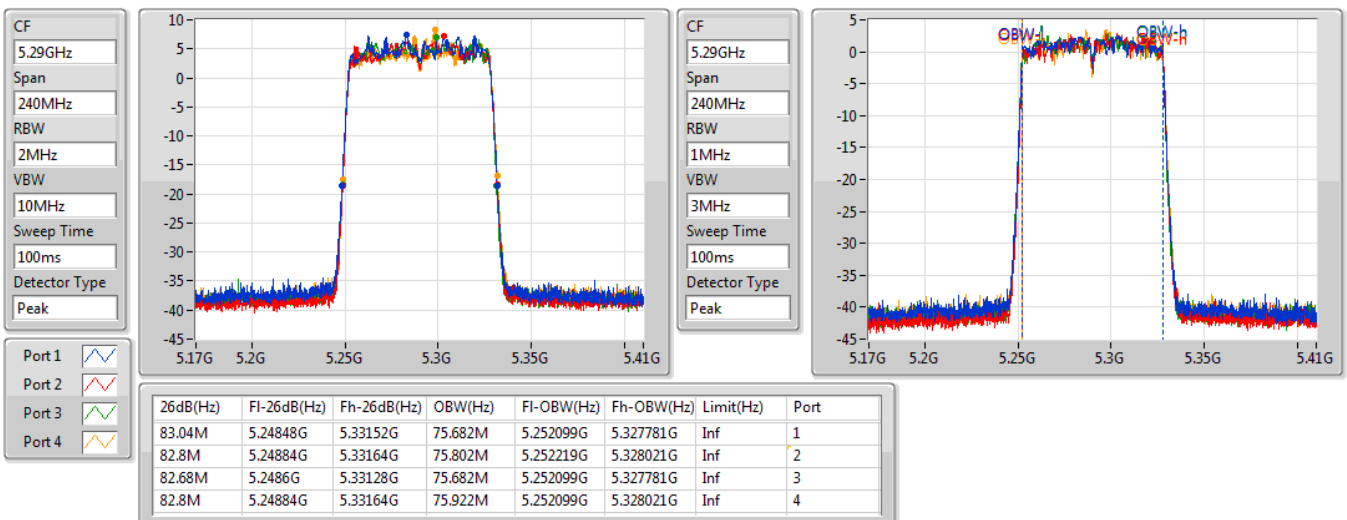


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

30/11/2019


802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5290MHz

02/12/2019

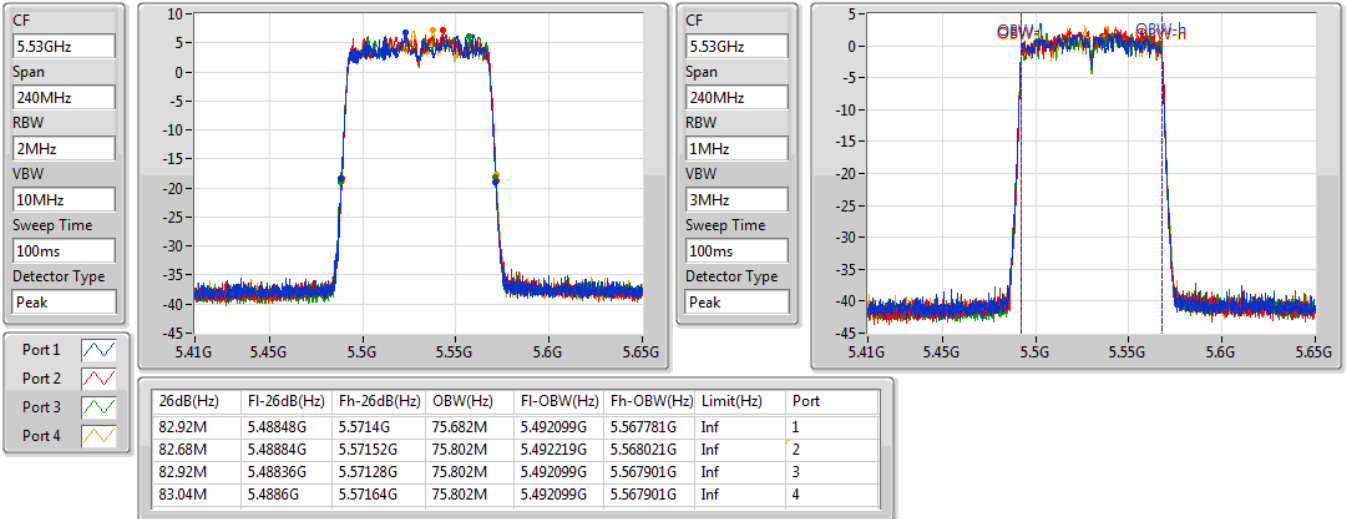


802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

5530MHz

02/12/2019

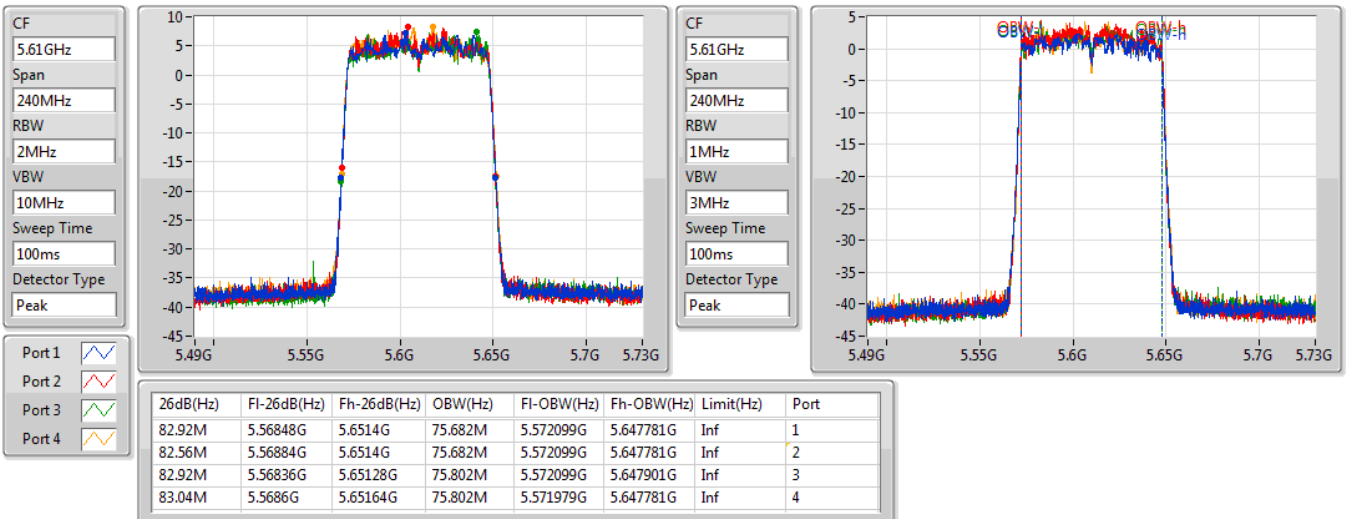


802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

5610MHz

02/12/2019

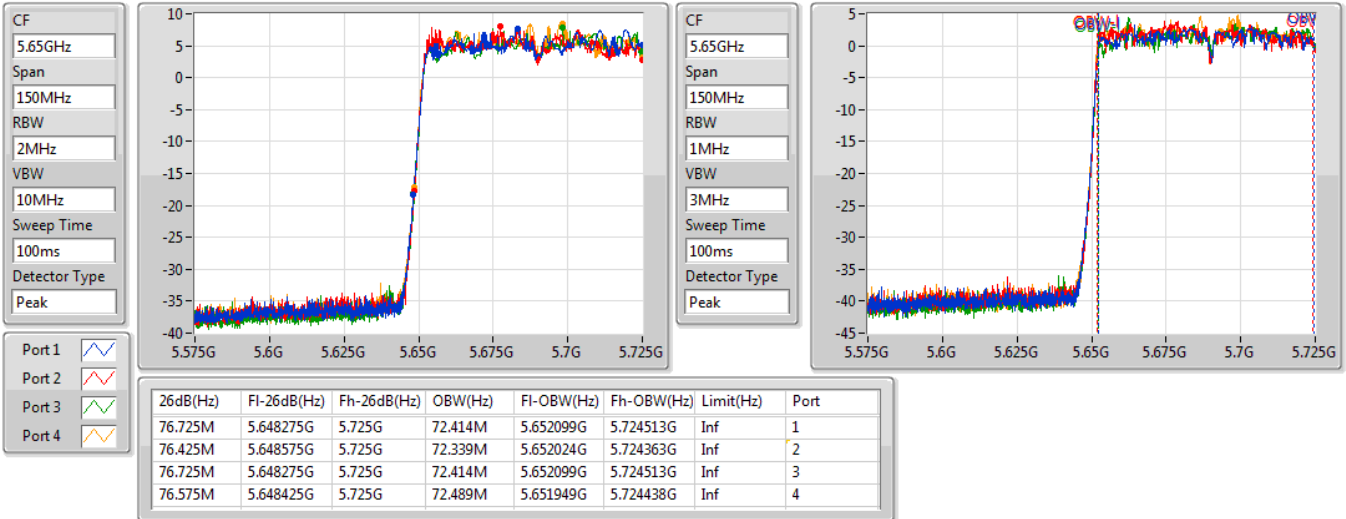


802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

02/12/2019

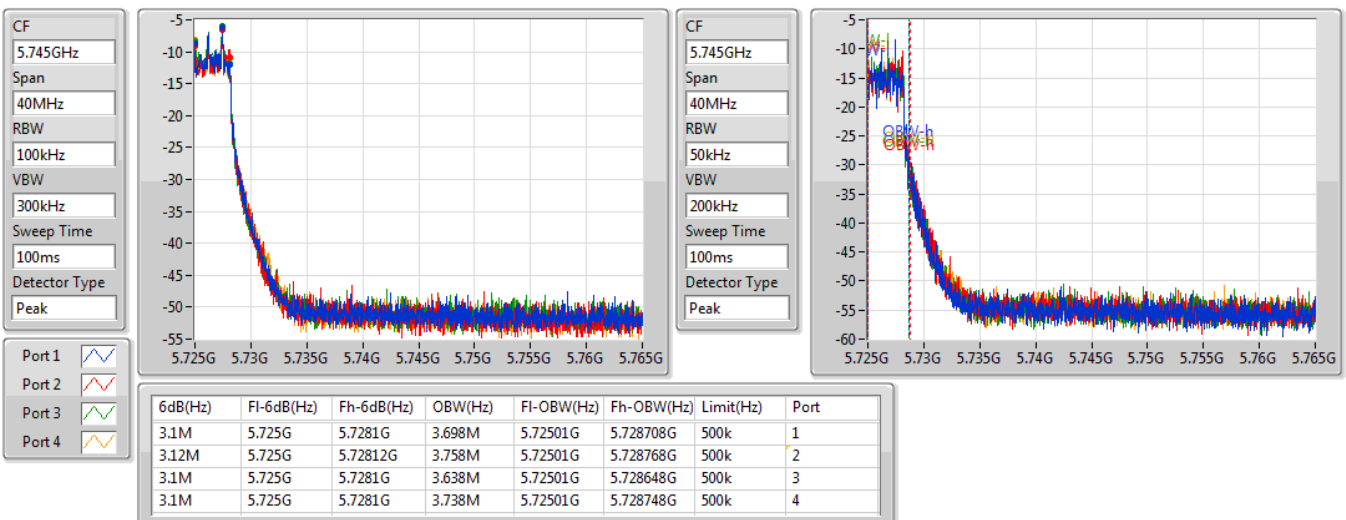


802.11ac VHT80_Nss4,(MCS0)_4TX

EBW

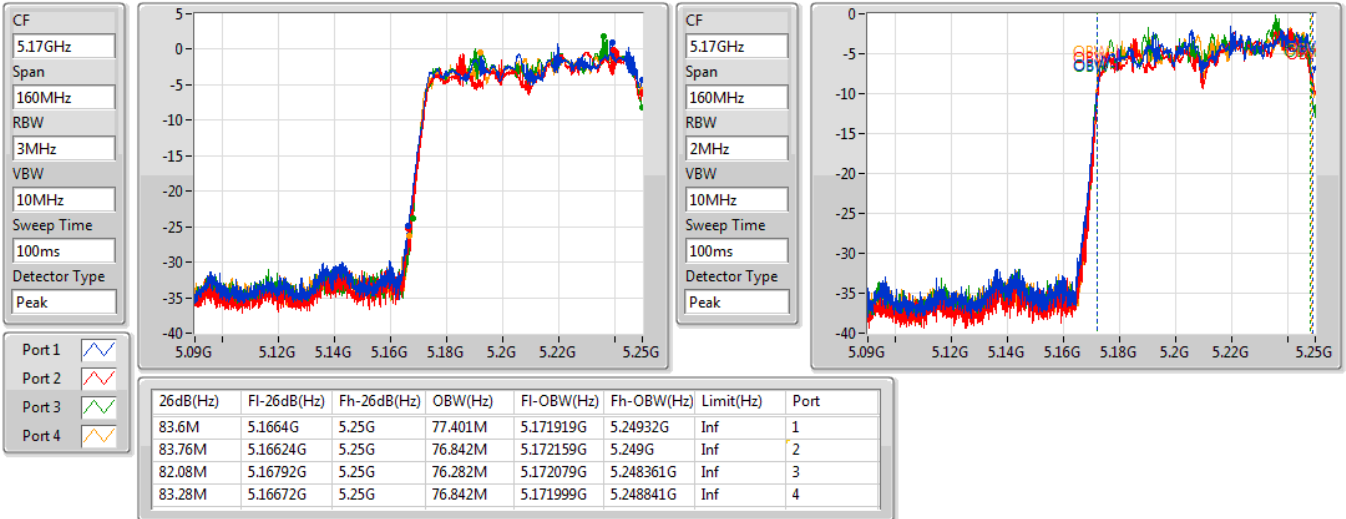
5690MHz Straddle 5.725-5.85GHz

02/12/2019

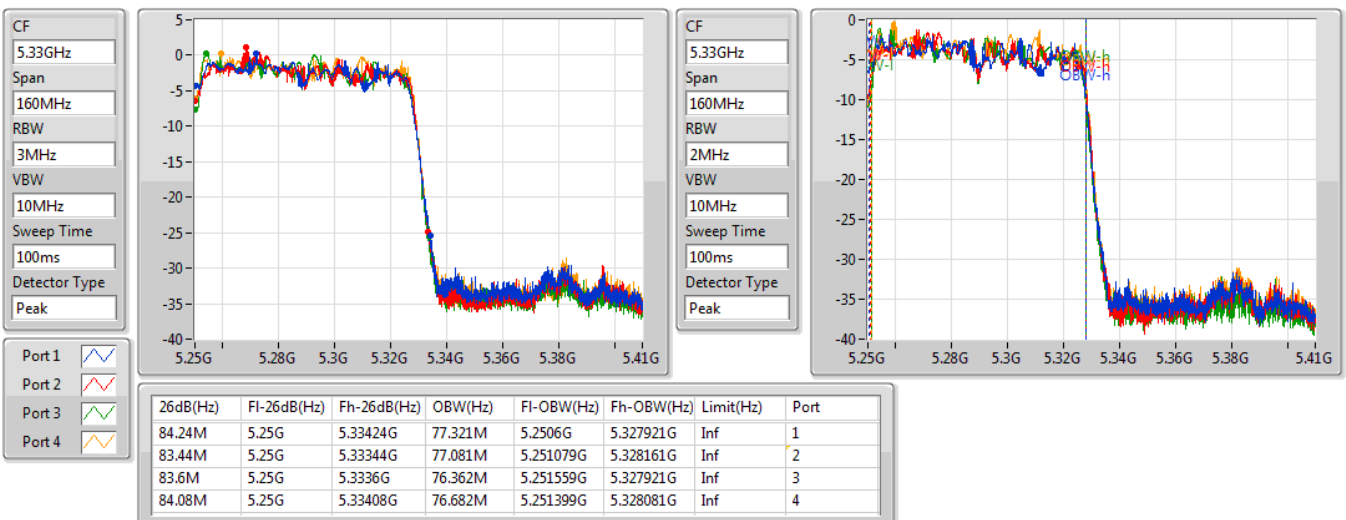


802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

02/12/2019


802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

02/12/2019

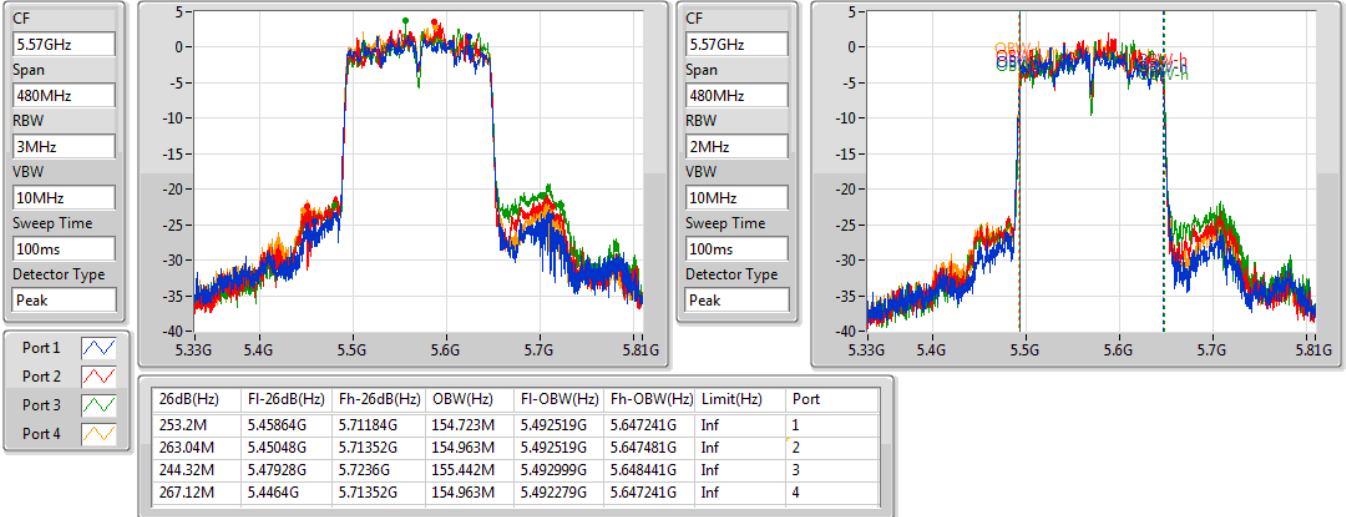


802.11ac VHT160_Nss4,(MCS0)_4TX

EBW

5570MHz

02/12/2019

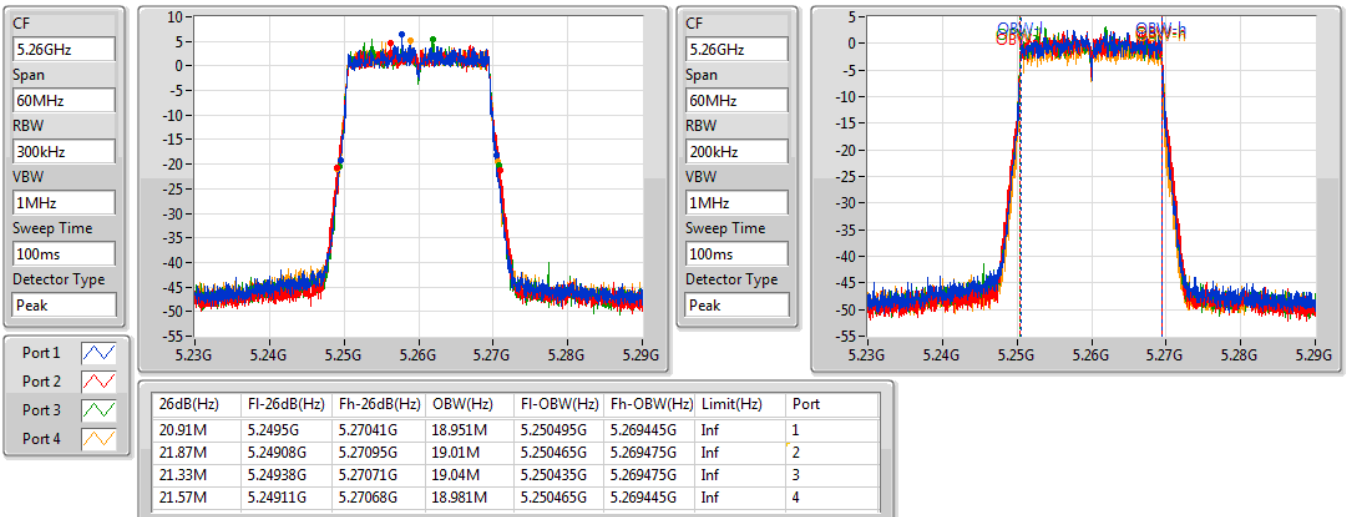


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5260MHz

30/11/2019

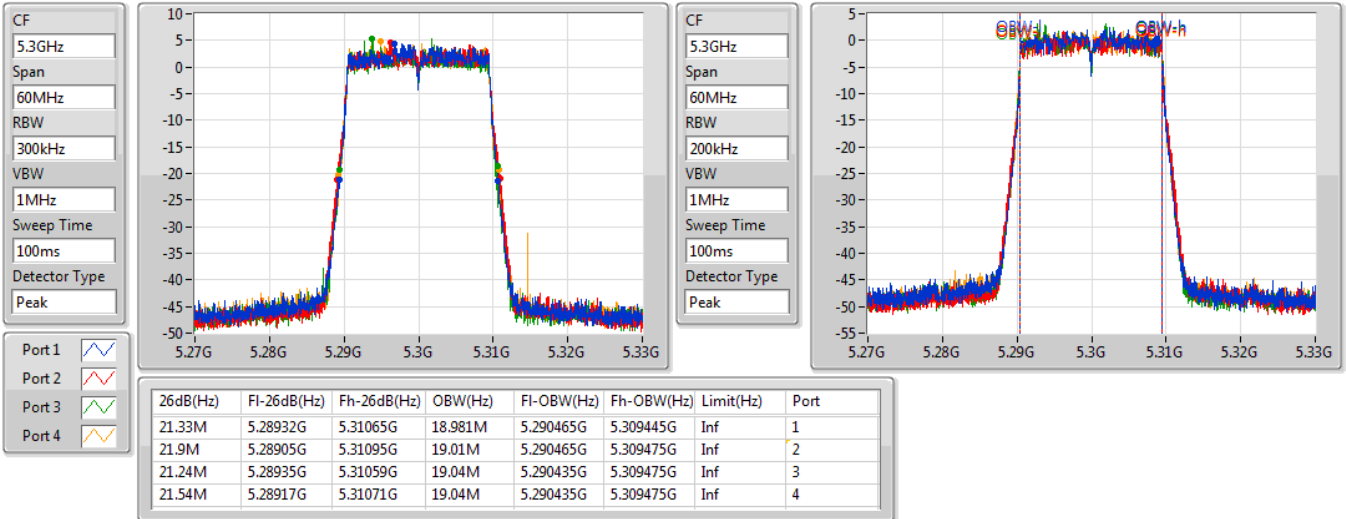


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5300MHz

30/11/2019

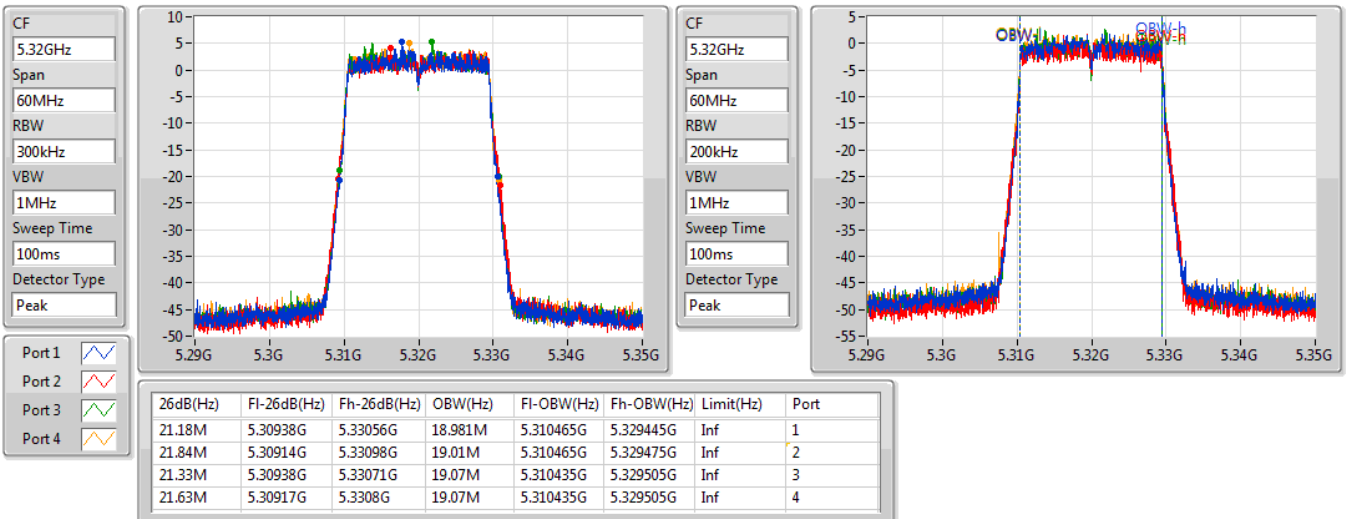


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5320MHz

30/11/2019

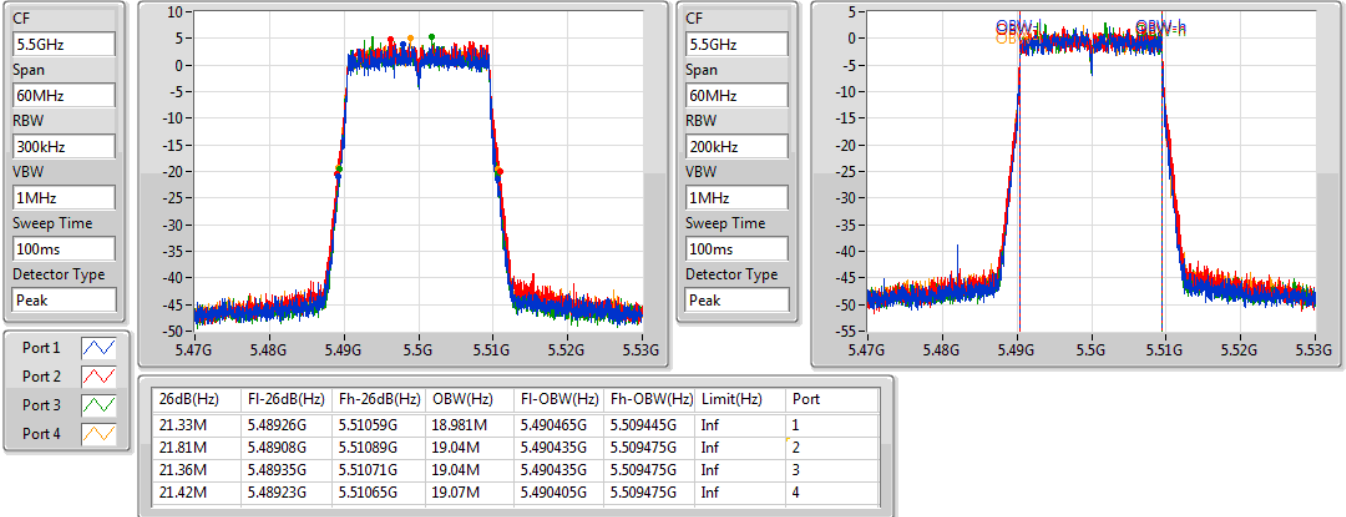


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5500MHz

30/11/2019

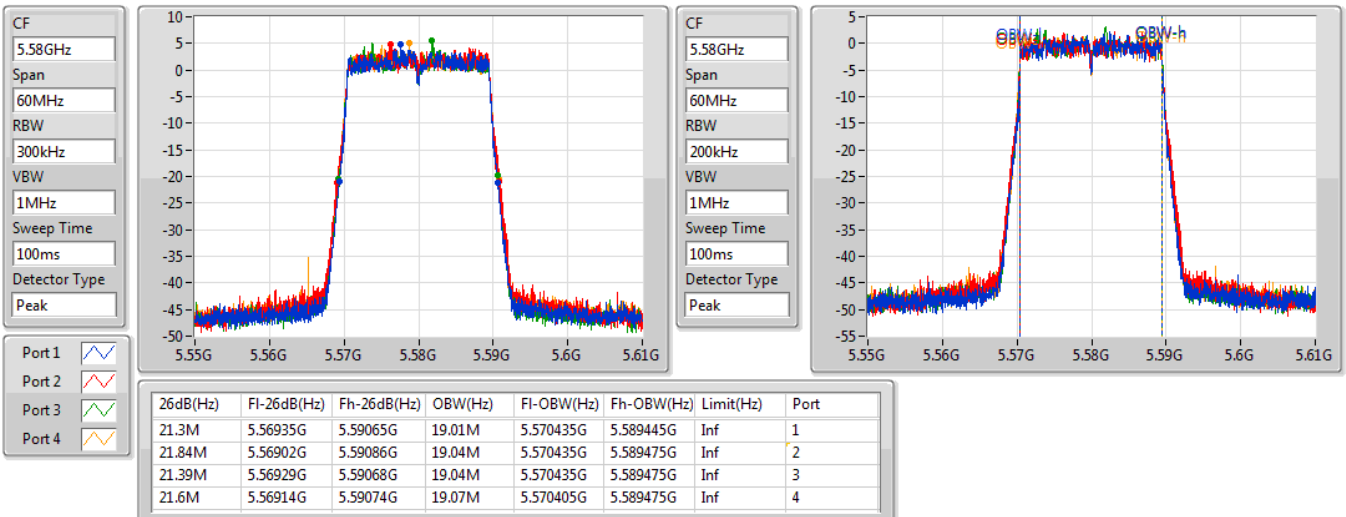


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

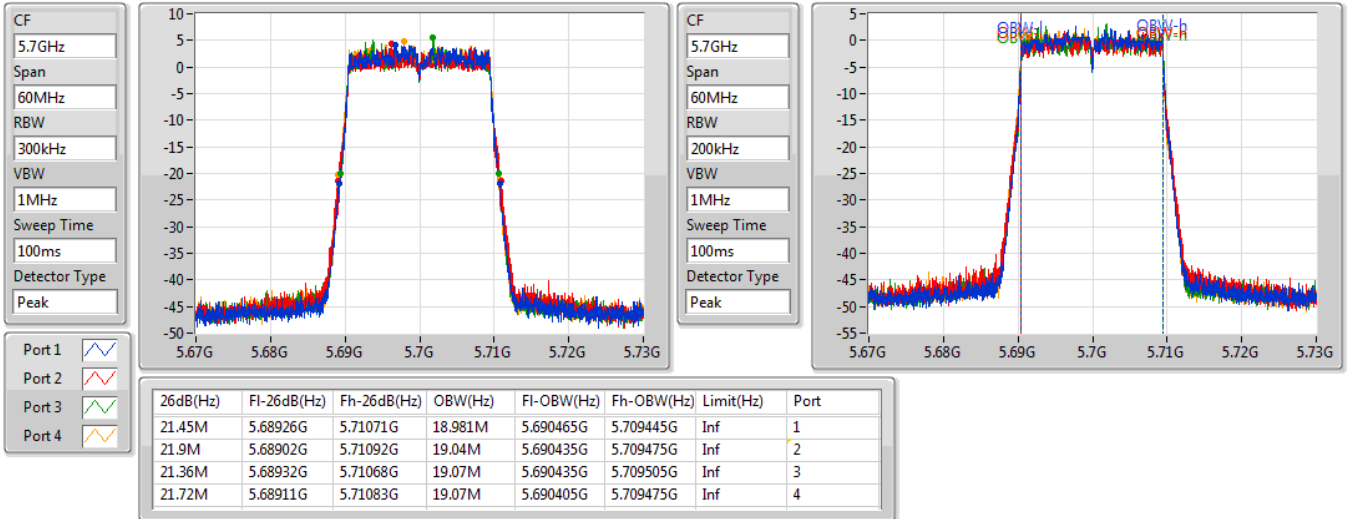
5580MHz

30/11/2019

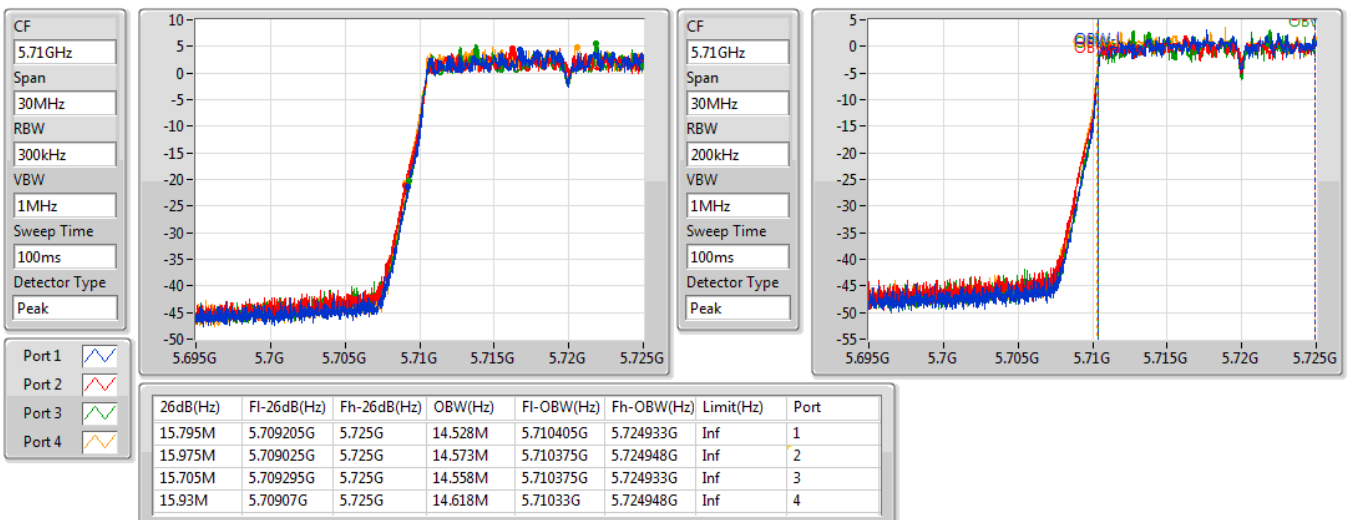


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5700MHz

30/11/2019

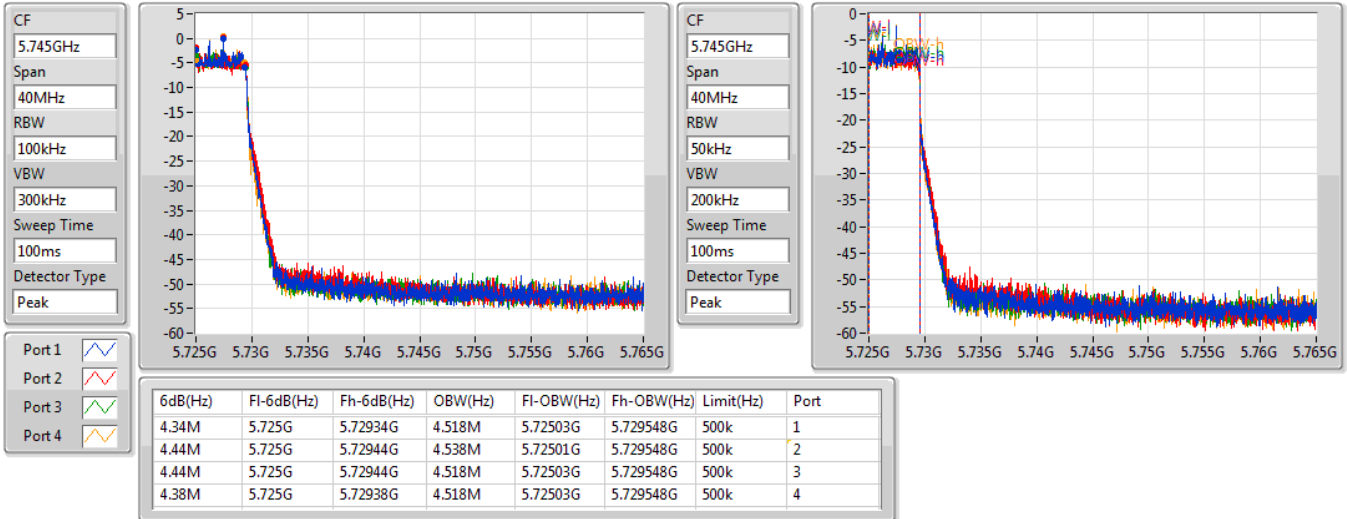

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

30/11/2019

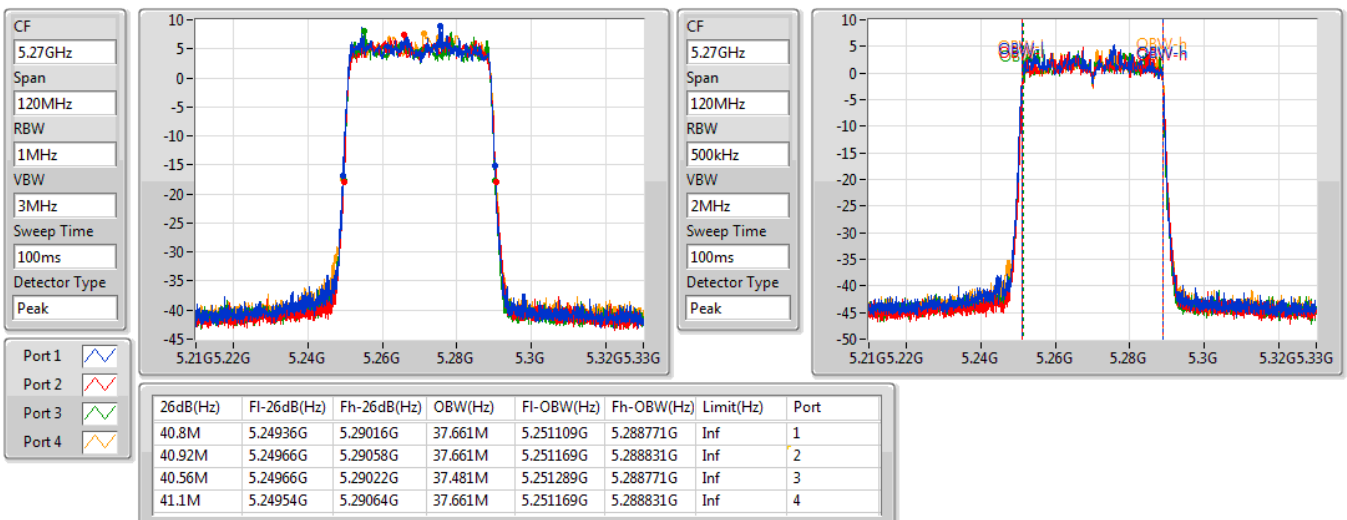


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

30/11/2019


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5270MHz

30/11/2019

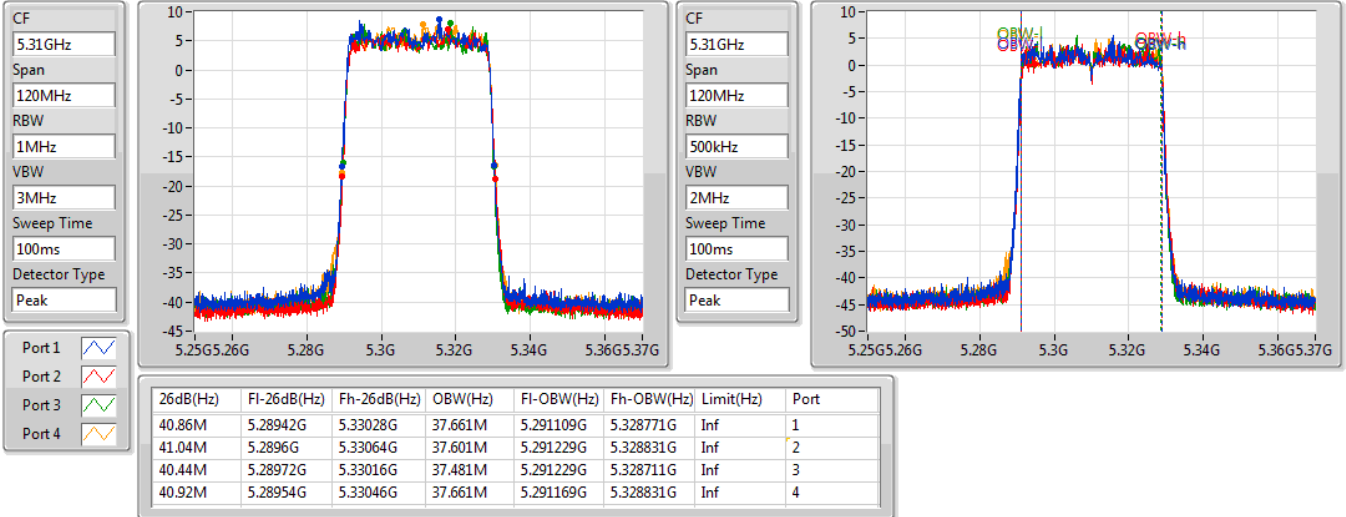


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5310MHz

30/11/2019

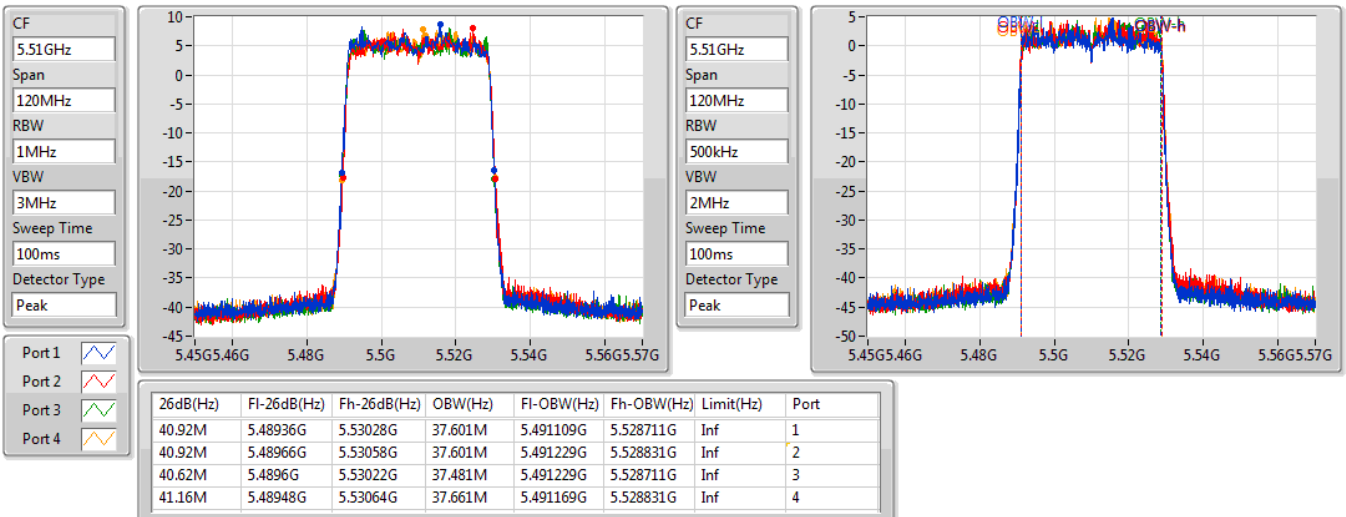


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

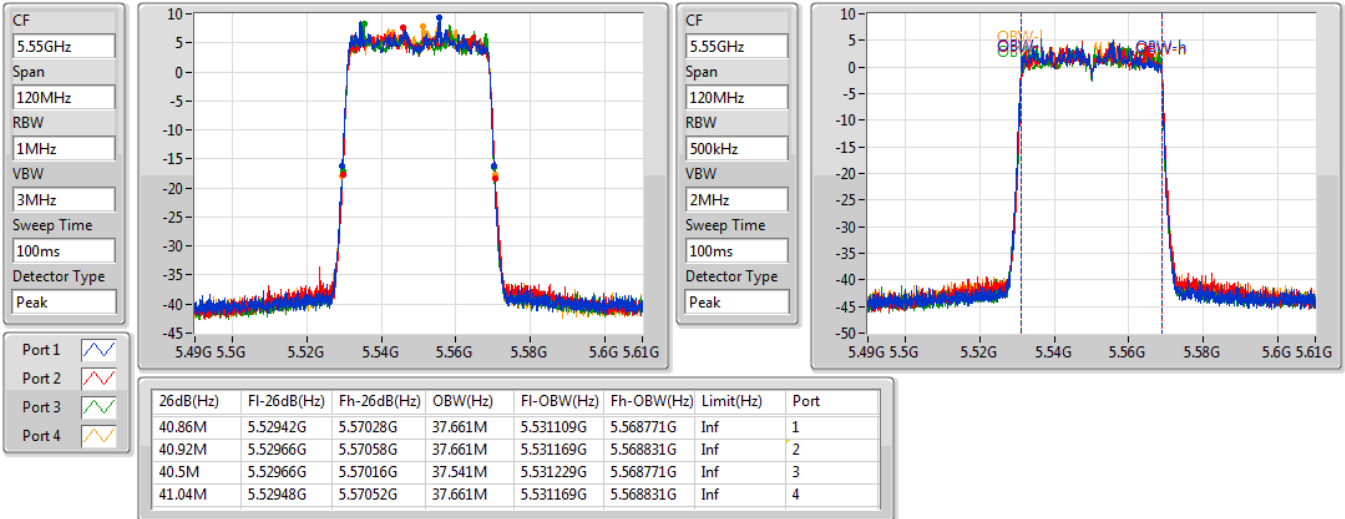
5510MHz

30/11/2019

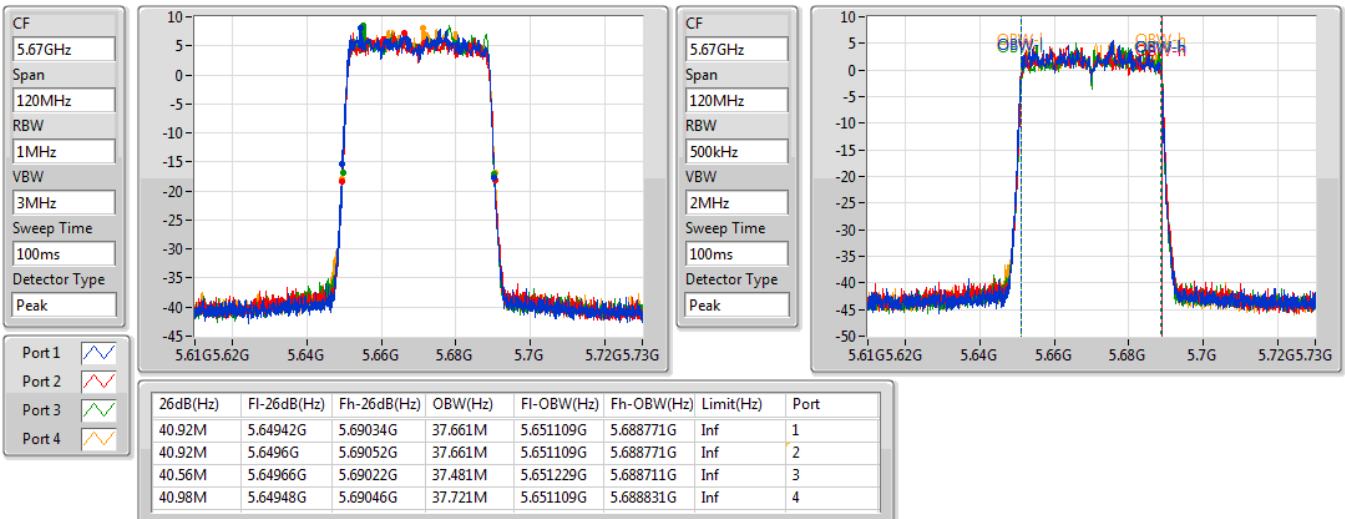


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5550MHz

30/11/2019


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5670MHz

30/11/2019

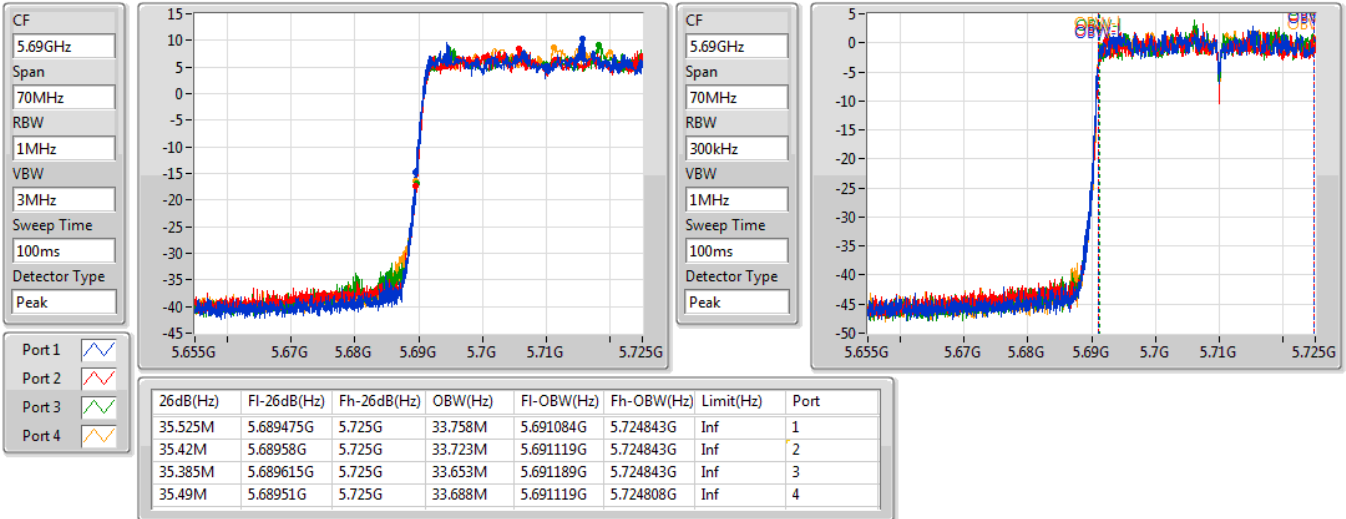


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

30/11/2019

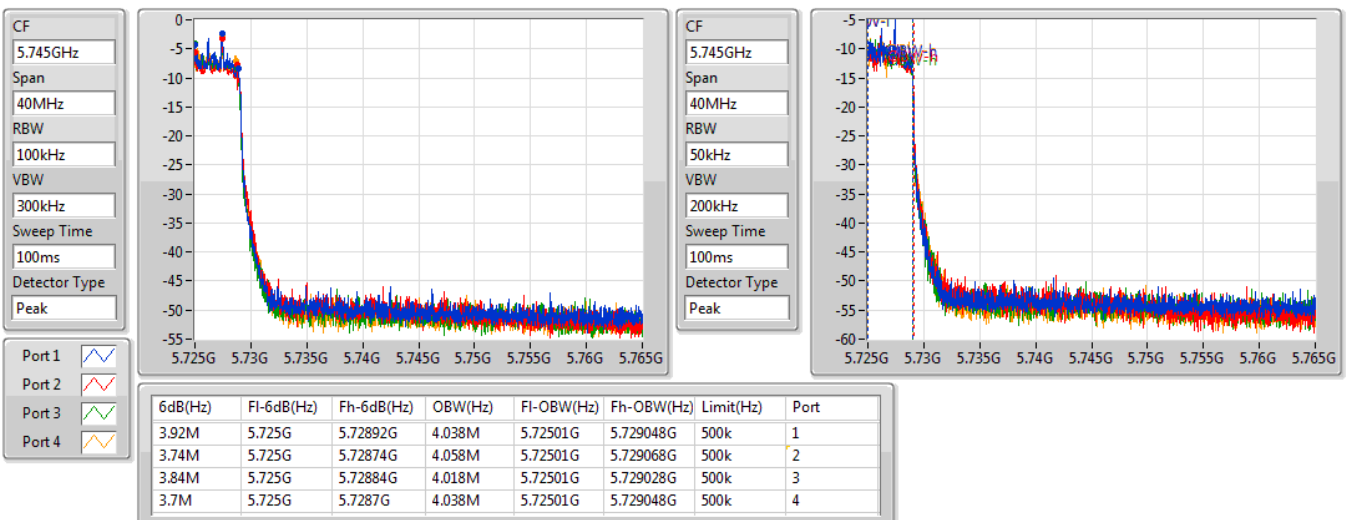


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

30/11/2019

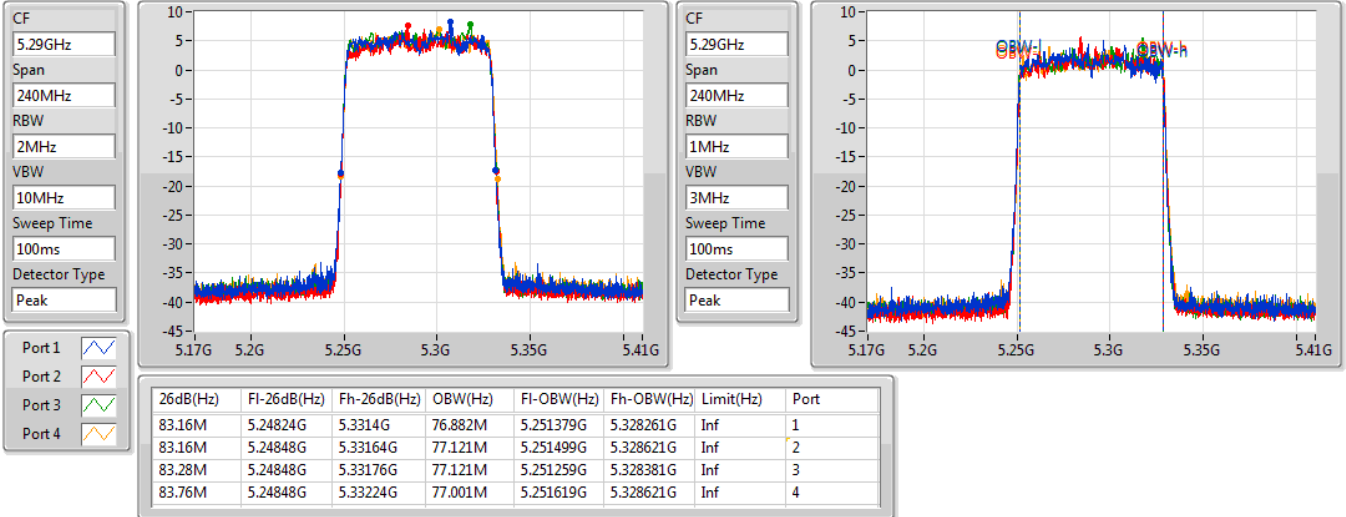


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5290MHz

02/12/2019

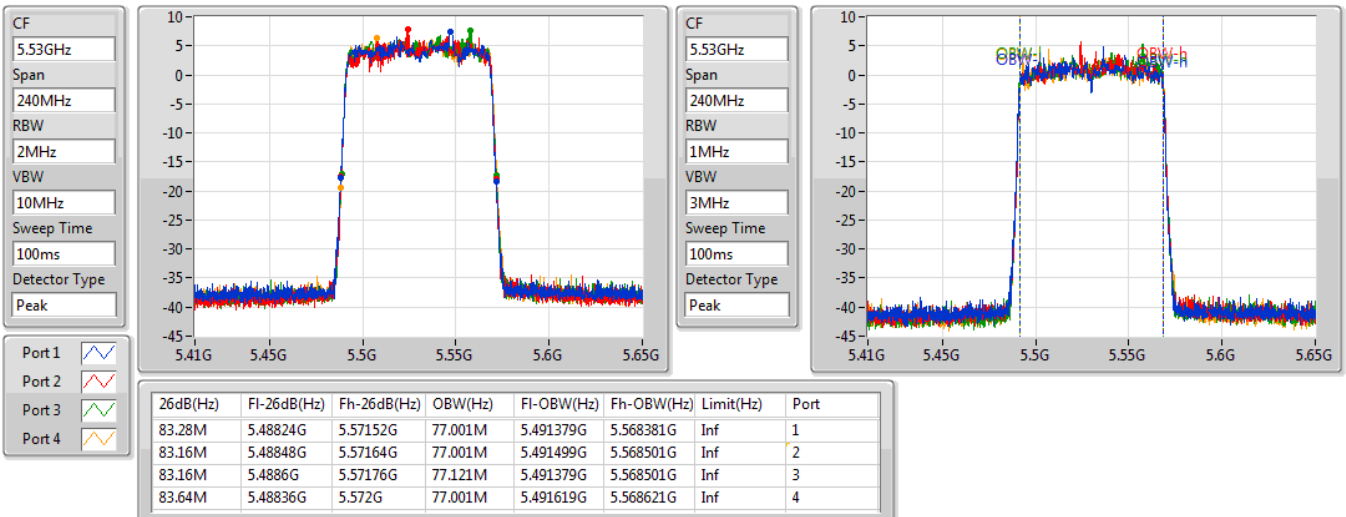


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5530MHz

02/12/2019

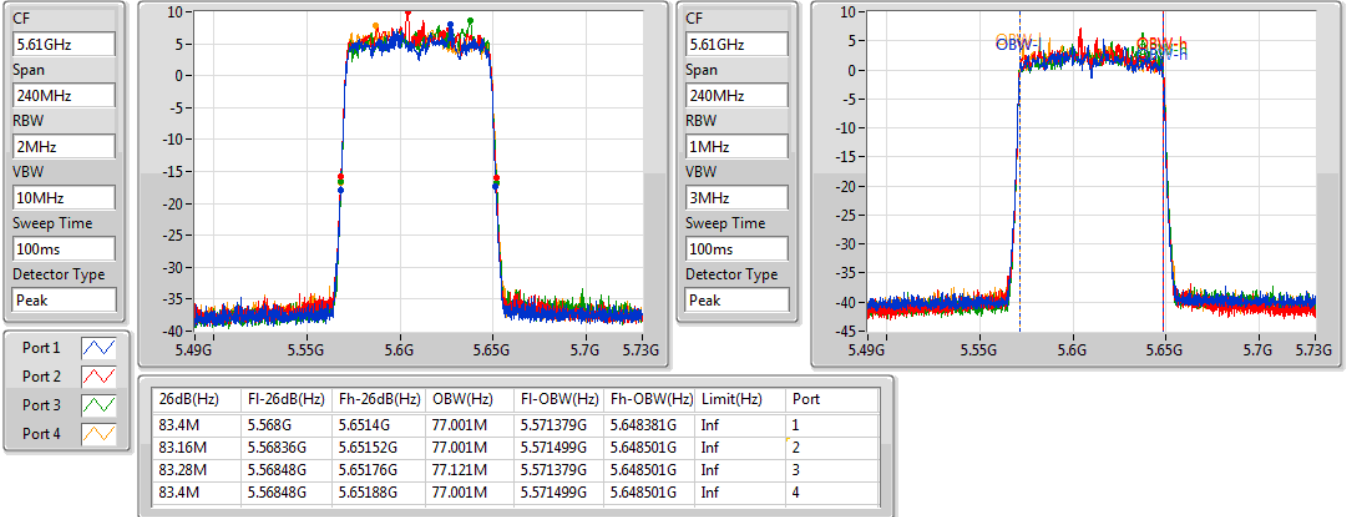


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5610MHz

02/12/2019

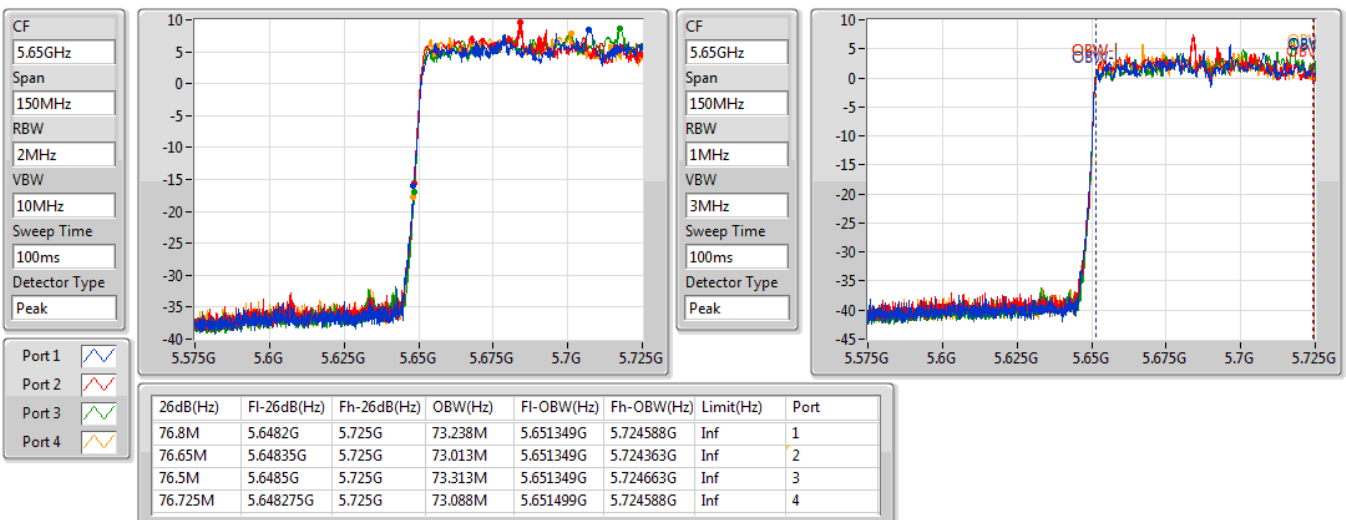


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

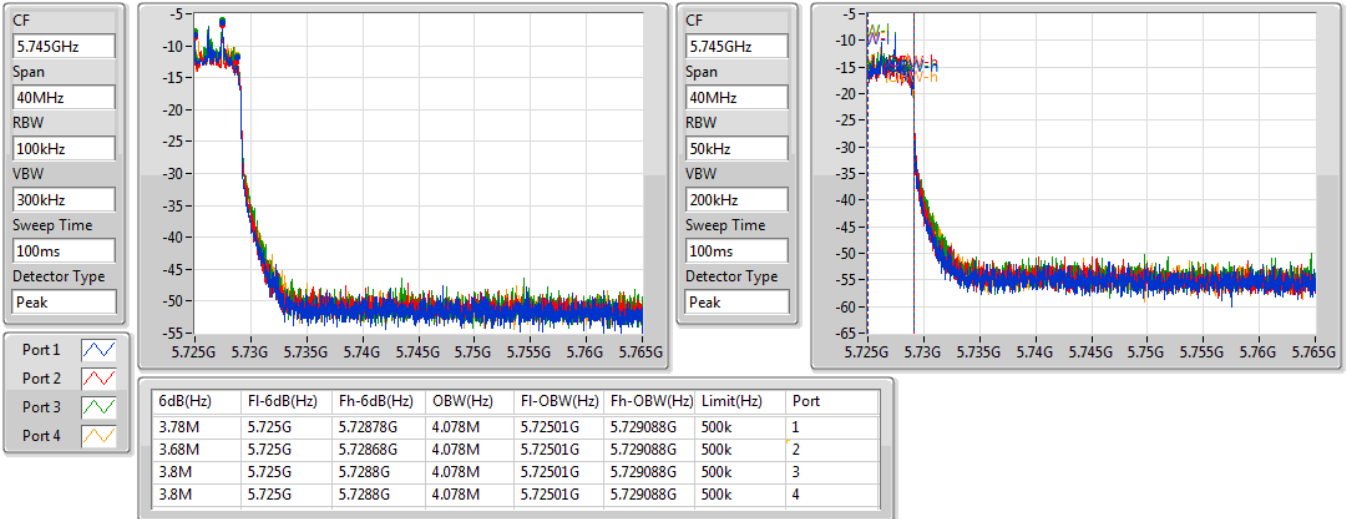
5690MHz Straddle 5.47-5.725GHz

02/12/2019

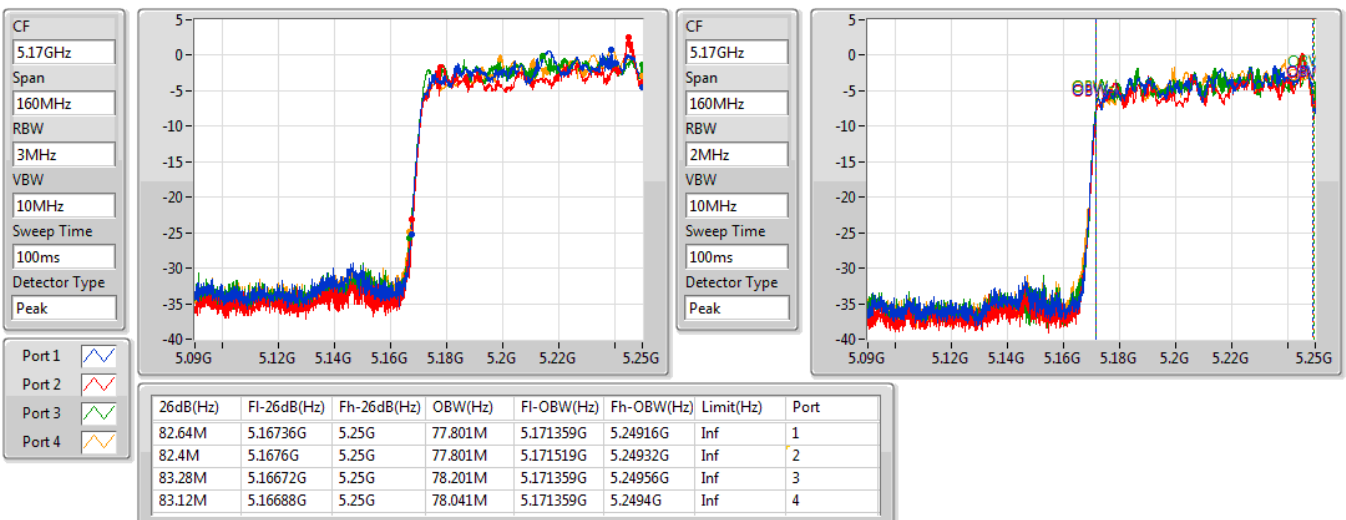


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/12/2019


802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

02/12/2019

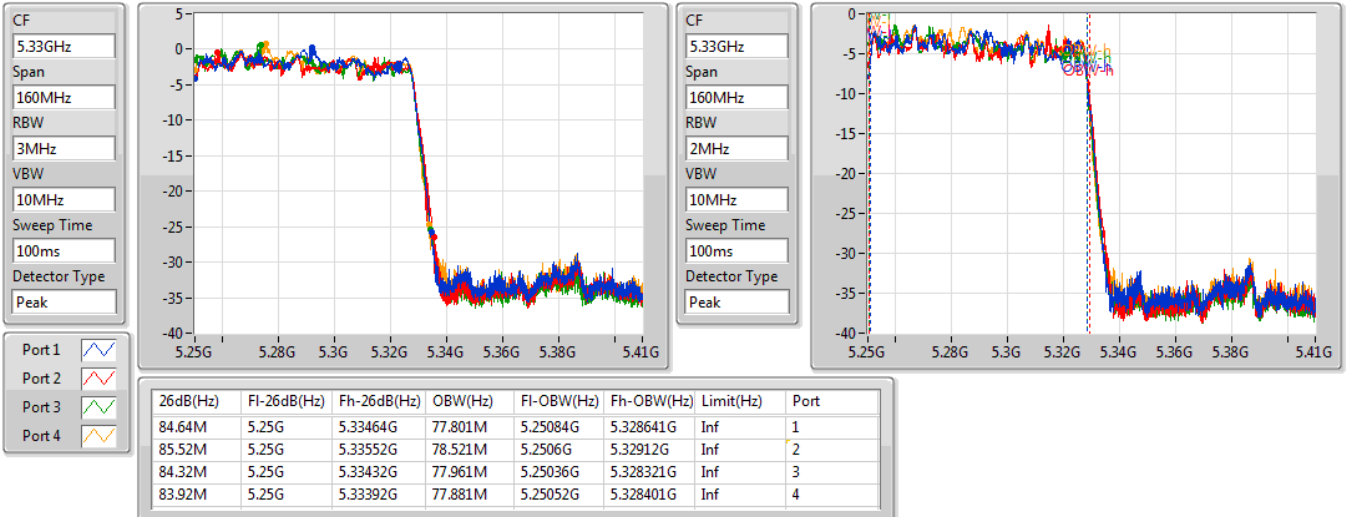


802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

02/12/2019

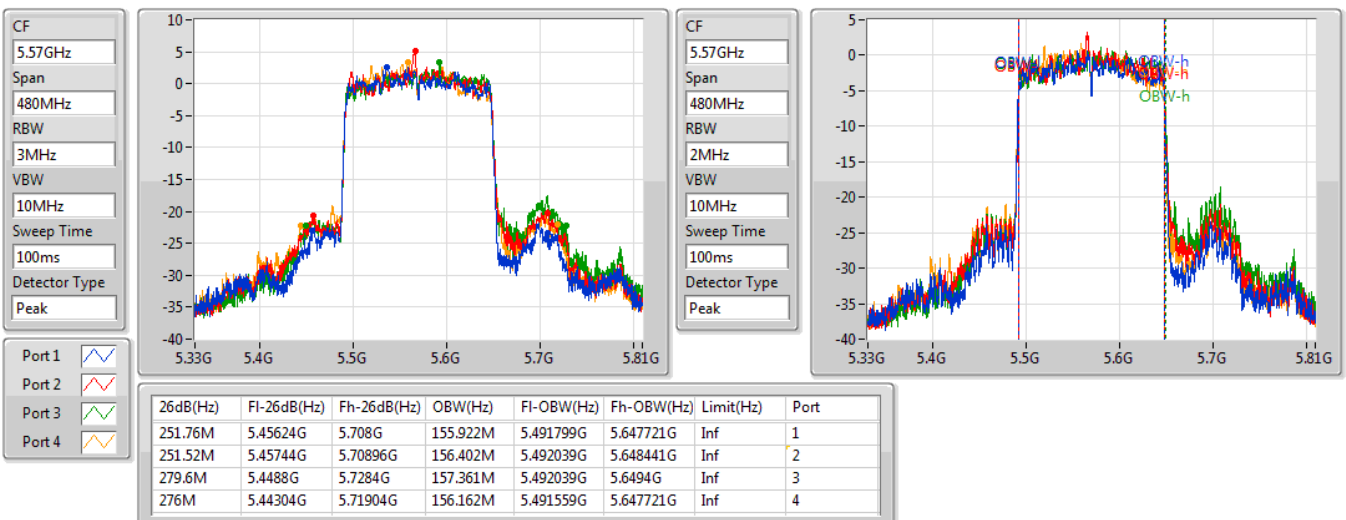


802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5570MHz

02/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	27.24M	16.702M	16M7D1D	21.57M	16.642M
802.11ac VHT20_Nss1,(MCS0)_1TX	28.05M	17.871M	17M9D1D	21.84M	17.811M
802.11ac VHT40_Nss1,(MCS0)_1TX	62.88M	36.282M	36M3D1D	40.14M	36.222M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.2M	75.682M	75M7D1D	82.2M	75.682M
802.11ax HEW20_Nss1,(MCS0)_1TX	29.61M	19.04M	19M0D1D	21.63M	18.981M
802.11ax HEW40_Nss1,(MCS0)_1TX	42.06M	37.601M	37M6D1D	40.38M	37.541M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.08M	77.001M	77M0D1D	82.08M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.9M	16.702M	16M7D1D	16.71M	13.403M
802.11ac VHT20_Nss1,(MCS0)_1TX	22.29M	17.841M	17M8D1D	18.48M	14.003M
802.11ac VHT40_Nss1,(MCS0)_1TX	46.8M	36.342M	36M3D1D	40.14M	33.128M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.2M	75.922M	75M9D1D	76.875M	72.489M
802.11ax HEW20_Nss1,(MCS0)_1TX	25.56M	19.04M	19M0D1D	17.895M	14.573M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.8M	37.661M	37M7D1D	35.35M	33.723M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.121M	77M1D1D	75.825M	73.238M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.12M	4.438M	4M44D1D	3.12M	4.438M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.76M	4.818M	4M82D1D	3.76M	4.818M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.14M	6.797M	6M80D1D	3.14M	6.797M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.12M	14.493M	14M5D1D	3.12M	14.493M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	5.857M	5M86D1D	4.44M	5.857M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.74M	4.758M	4M76D1D	3.74M	4.758M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.74M	11.114M	11M1D1D	3.74M	11.114M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	27.24M	16.702M
5300MHz_TnomVnom	Pass	Inf	26.7M	16.672M
5320MHz_TnomVnom	Pass	Inf	21.57M	16.642M
5500MHz_TnomVnom	Pass	Inf	21.57M	16.672M
5580MHz_TnomVnom	Pass	Inf	21.9M	16.702M
5700MHz_TnomVnom	Pass	Inf	21.54M	16.672M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	16.71M	13.403M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	4.438M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	28.05M	17.871M
5300MHz_TnomVnom	Pass	Inf	26.64M	17.841M
5320MHz_TnomVnom	Pass	Inf	21.84M	17.811M
5500MHz_TnomVnom	Pass	Inf	21.87M	17.811M
5580MHz_TnomVnom	Pass	Inf	22.29M	17.841M
5700MHz_TnomVnom	Pass	Inf	21.84M	17.841M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	18.48M	14.003M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.76M	4.818M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	62.88M	36.282M
5310MHz_TnomVnom	Pass	Inf	40.14M	36.222M
5510MHz_TnomVnom	Pass	Inf	40.14M	36.282M
5550MHz_TnomVnom	Pass	Inf	46.8M	36.342M
5670MHz_TnomVnom	Pass	Inf	40.26M	36.342M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	41.58M	33.128M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	6.797M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	82.2M	75.682M
5530MHz_TnomVnom	Pass	Inf	82.2M	75.682M
5610MHz_TnomVnom	Pass	Inf	82.08M	75.922M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.875M	72.489M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	14.493M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	29.46M	19.04M
5300MHz_TnomVnom	Pass	Inf	29.61M	19.04M
5320MHz_TnomVnom	Pass	Inf	21.63M	18.981M
5500MHz_TnomVnom	Pass	Inf	21.6M	19.01M
5580MHz_TnomVnom	Pass	Inf	25.56M	19.04M
5700MHz_TnomVnom	Pass	Inf	21.75M	18.981M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	17.895M	14.573M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.44M	5.857M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	42.06M	37.601M
5310MHz_TnomVnom	Pass	Inf	40.38M	37.541M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5510MHz_TnomVnom	Pass	Inf	40.08M	37.601M
5550MHz_TnomVnom	Pass	Inf	43.8M	37.661M
5670MHz_TnomVnom	Pass	Inf	40.38M	37.541M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.35M	33.723M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	4.758M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	82.08M	77.001M
5530MHz_TnomVnom	Pass	Inf	81.84M	77.121M
5610MHz_TnomVnom	Pass	Inf	82.32M	77.121M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.825M	73.238M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	11.114M

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

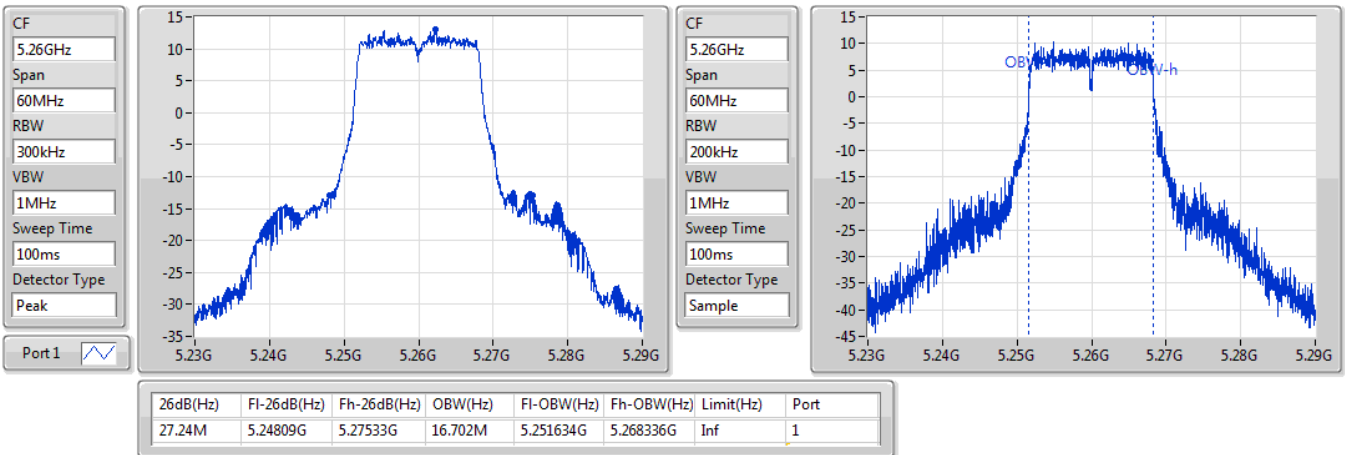
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

07/11/2019

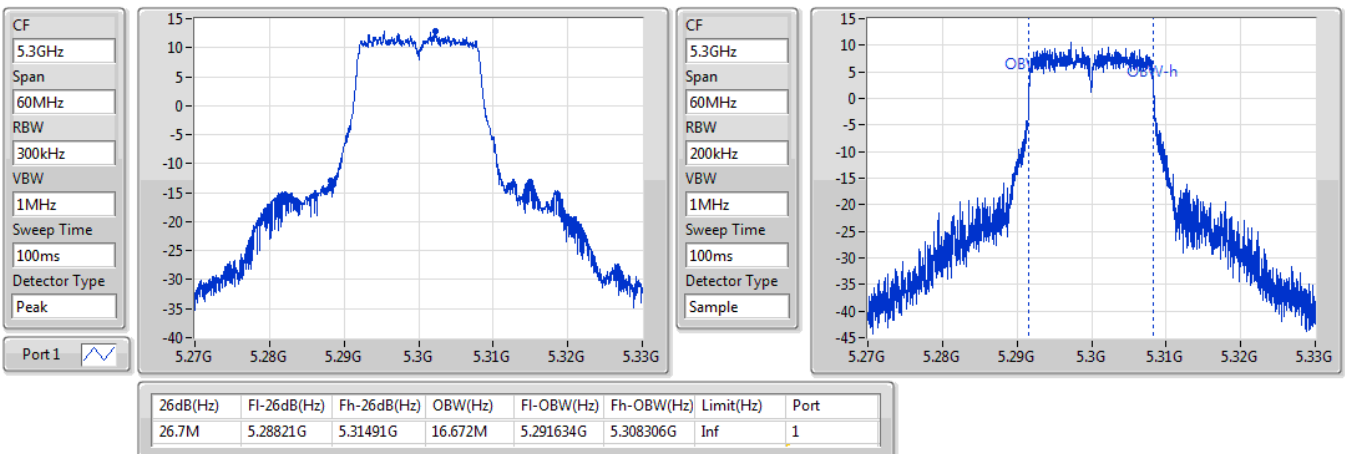


802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

07/11/2019

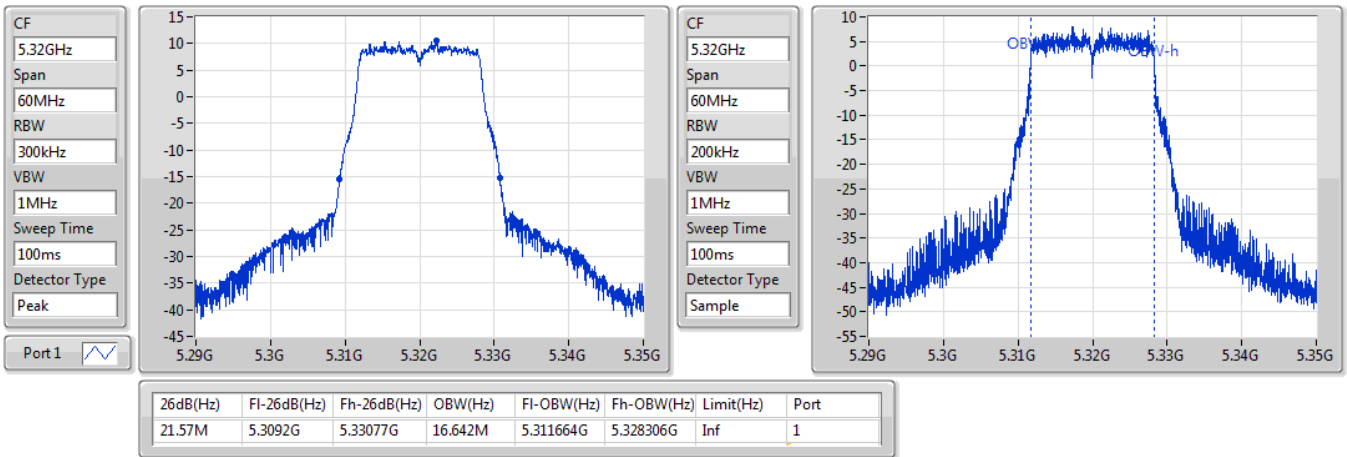


802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

07/11/2019

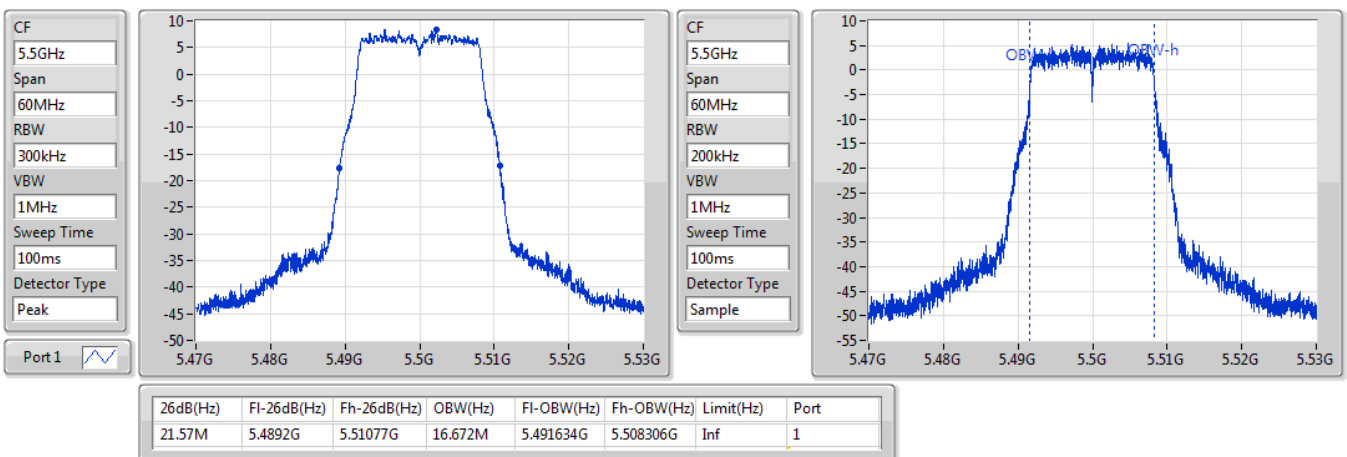


802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

07/11/2019

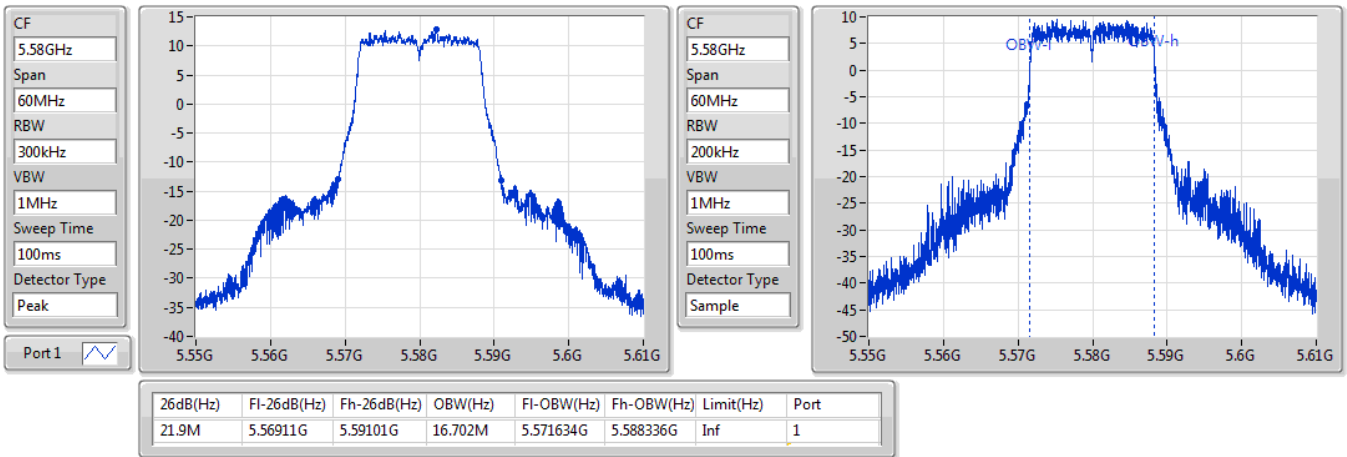


802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

07/11/2019

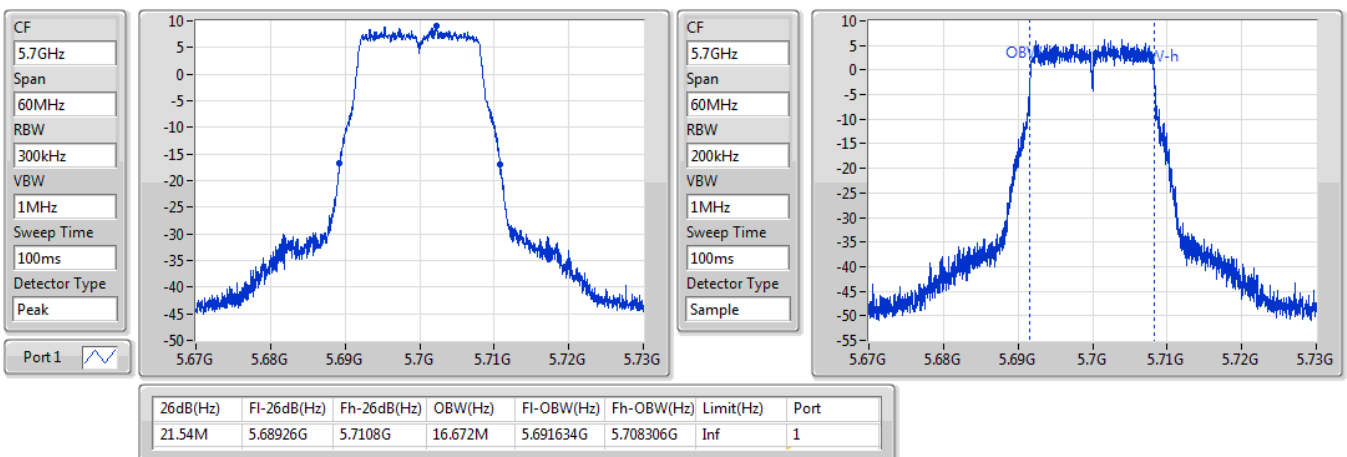


802.11a_Nss1,(6Mbps)_1TX

EBW

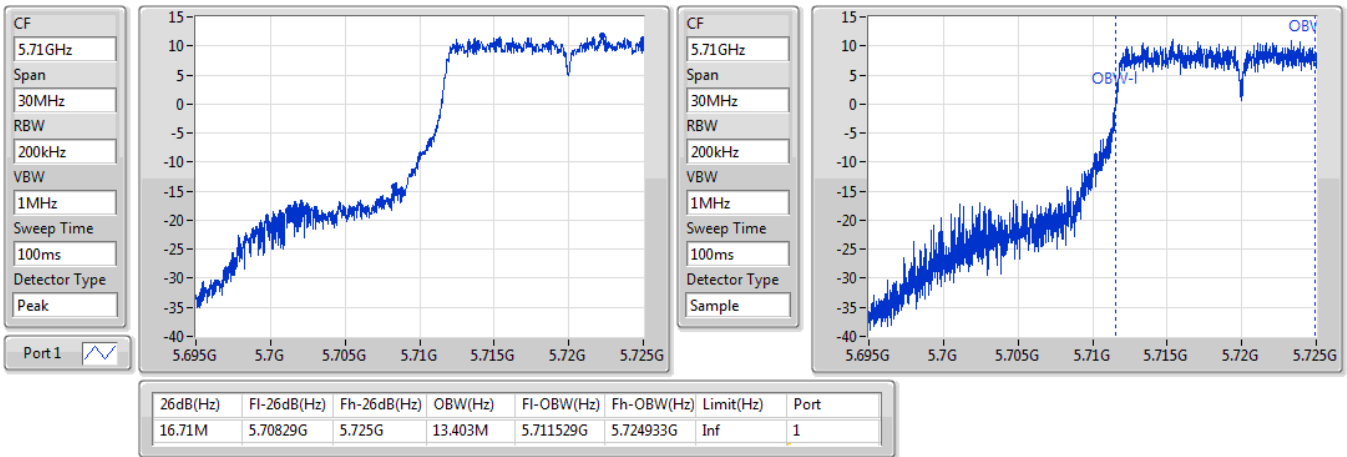
5700MHz

07/11/2019

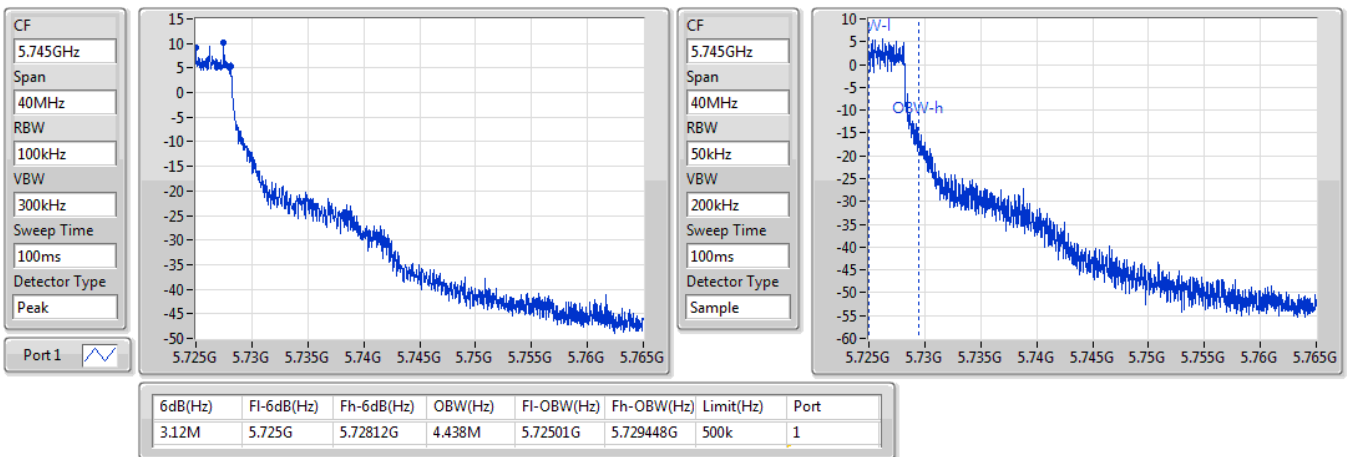


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/11/2019


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

13/11/2019

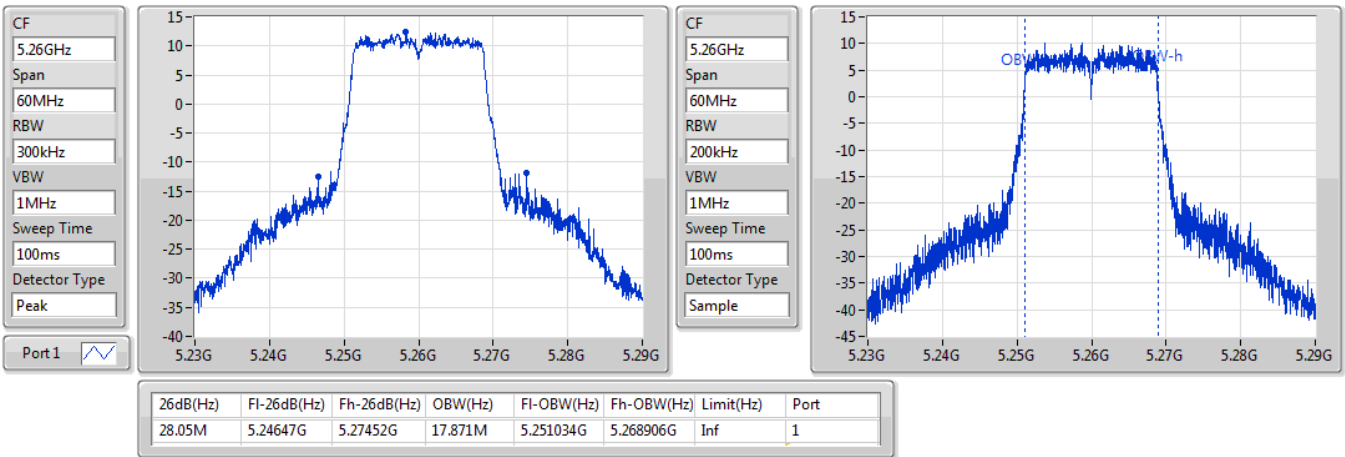


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5260MHz

07/11/2019

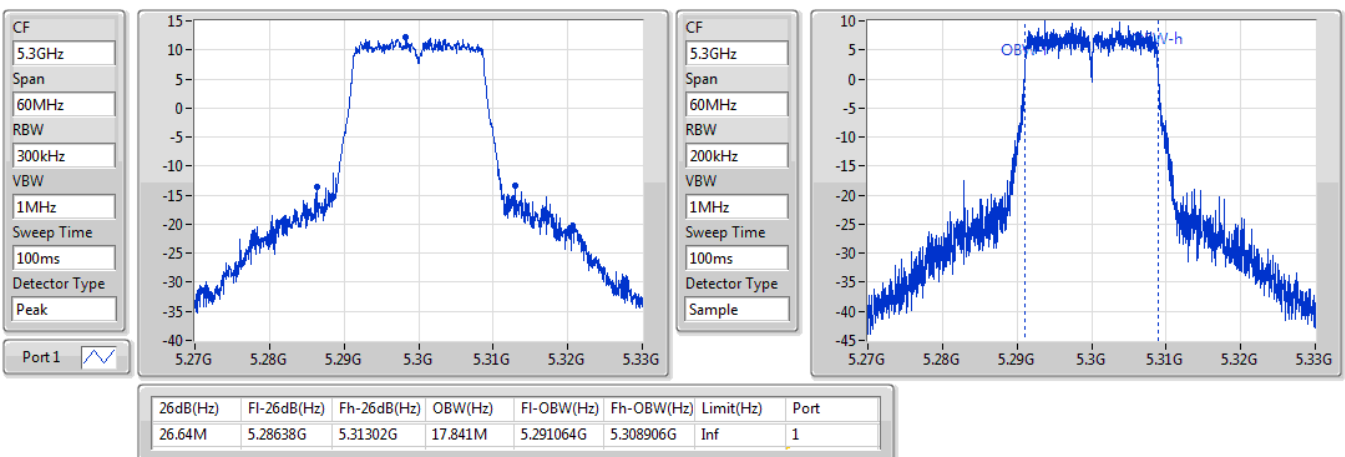


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

07/11/2019

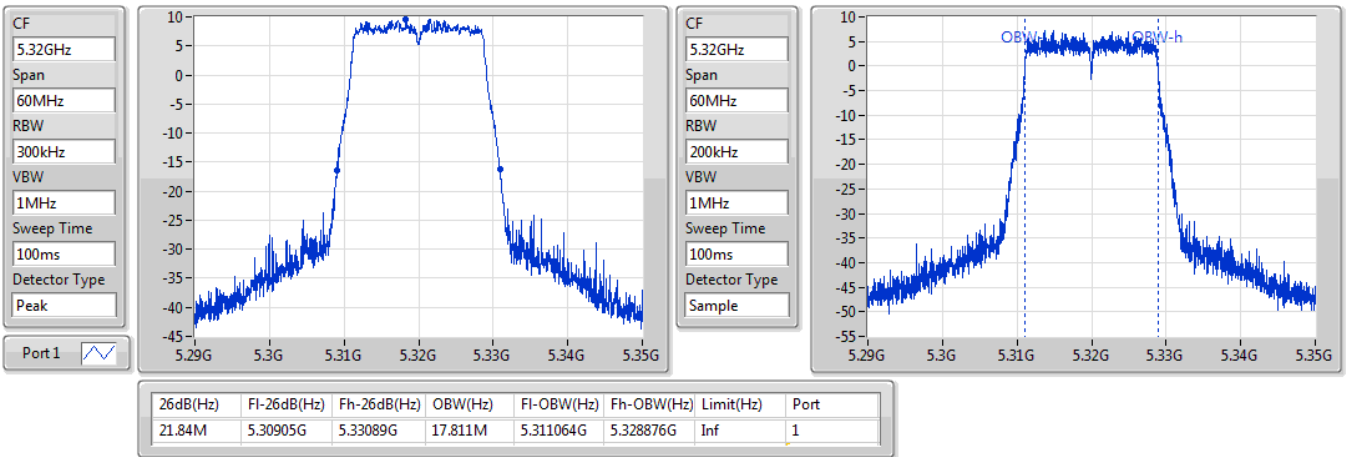


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

07/11/2019

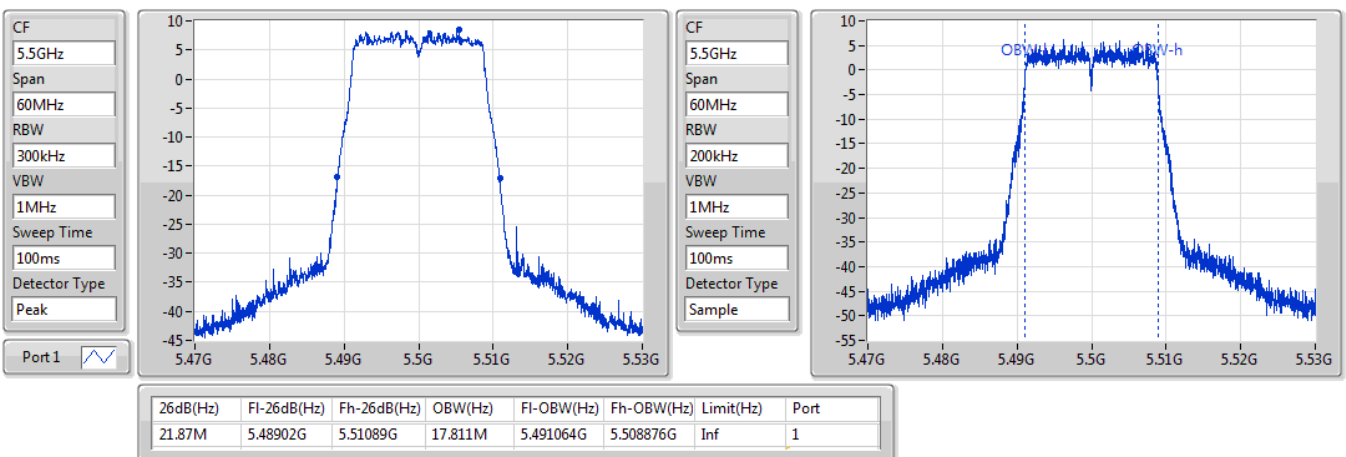


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

07/11/2019

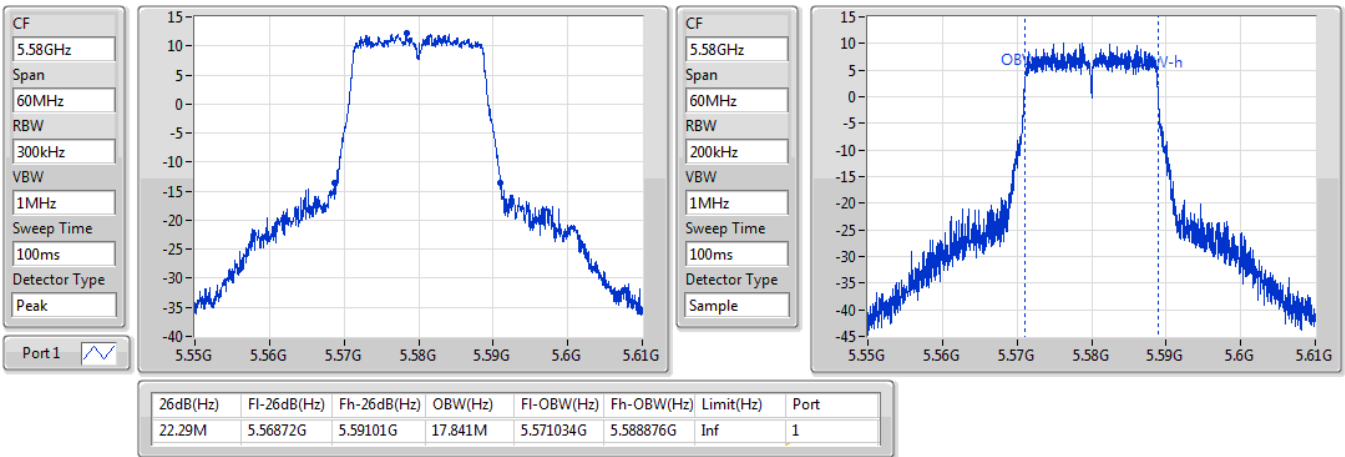


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

07/11/2019

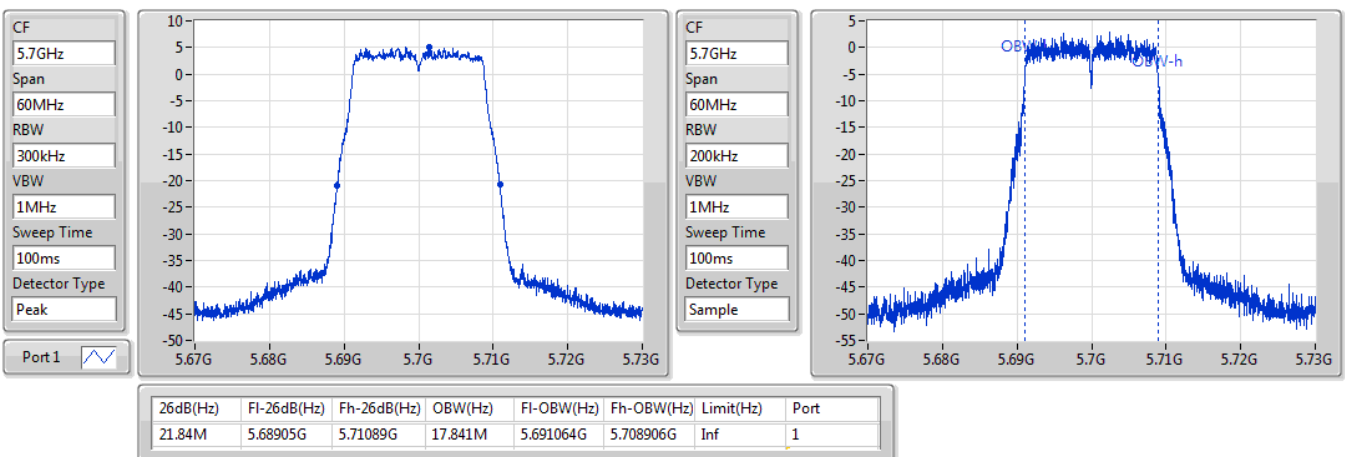


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

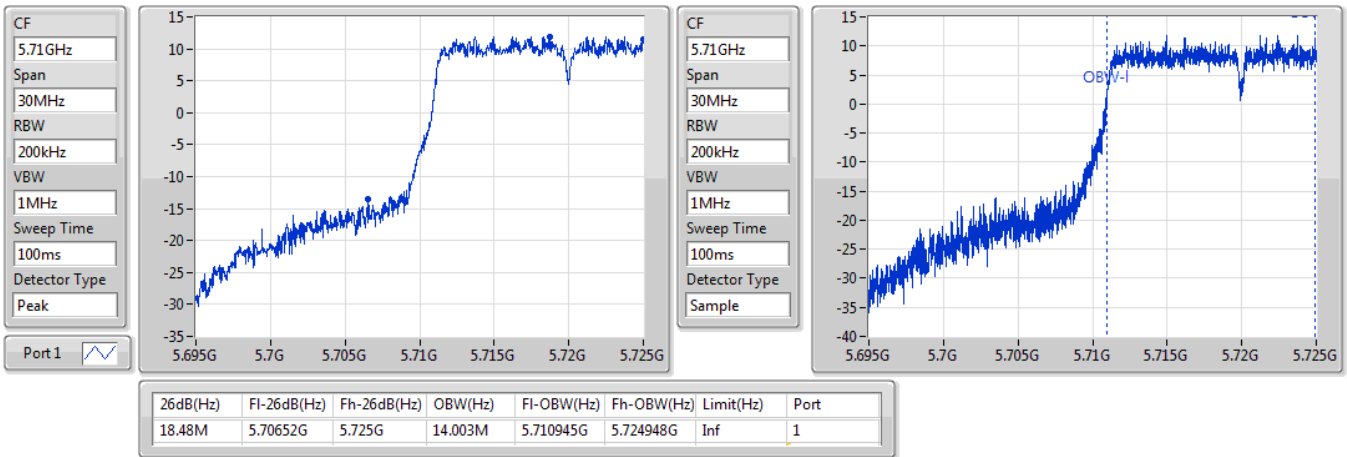
5700MHz

07/11/2019

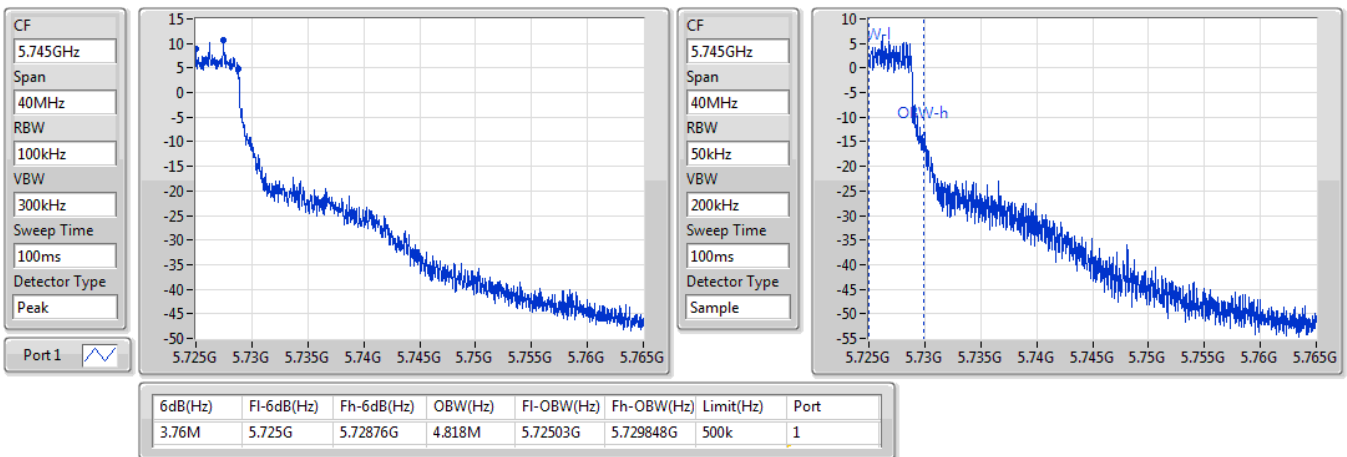


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/11/2019


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

13/11/2019

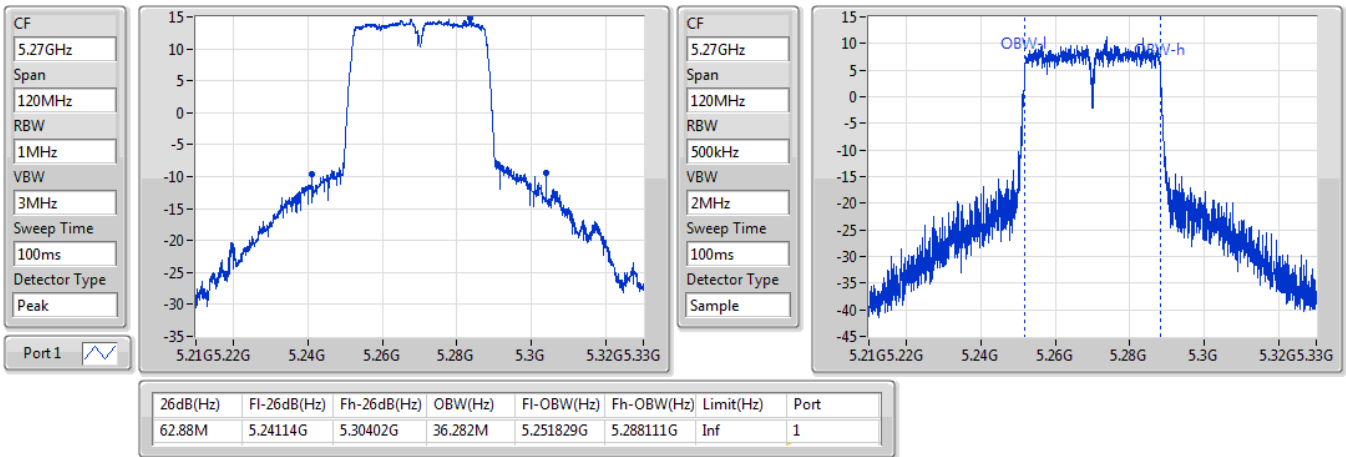


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

07/11/2019

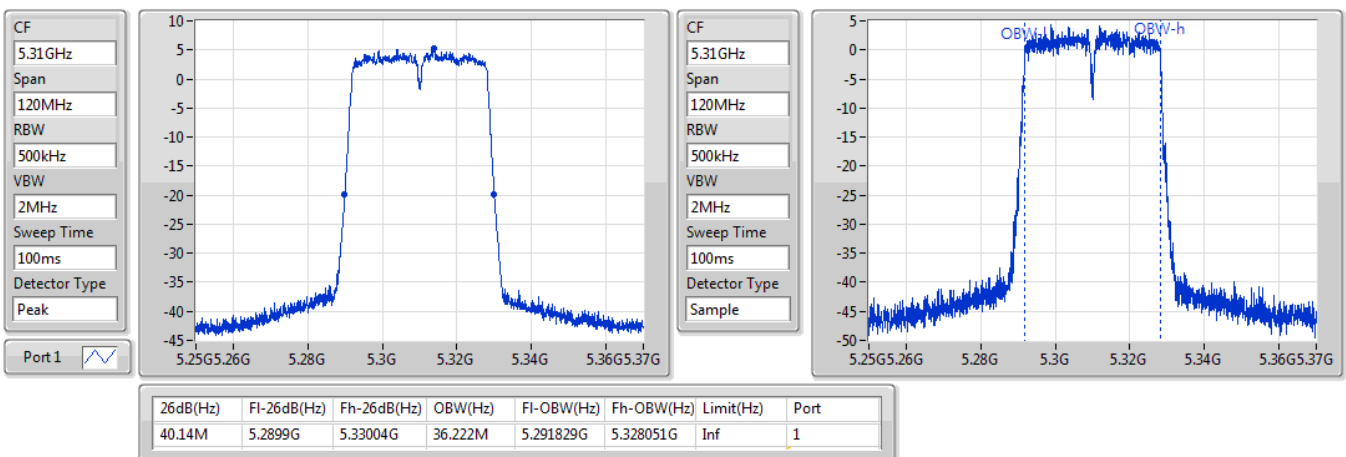


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

07/11/2019

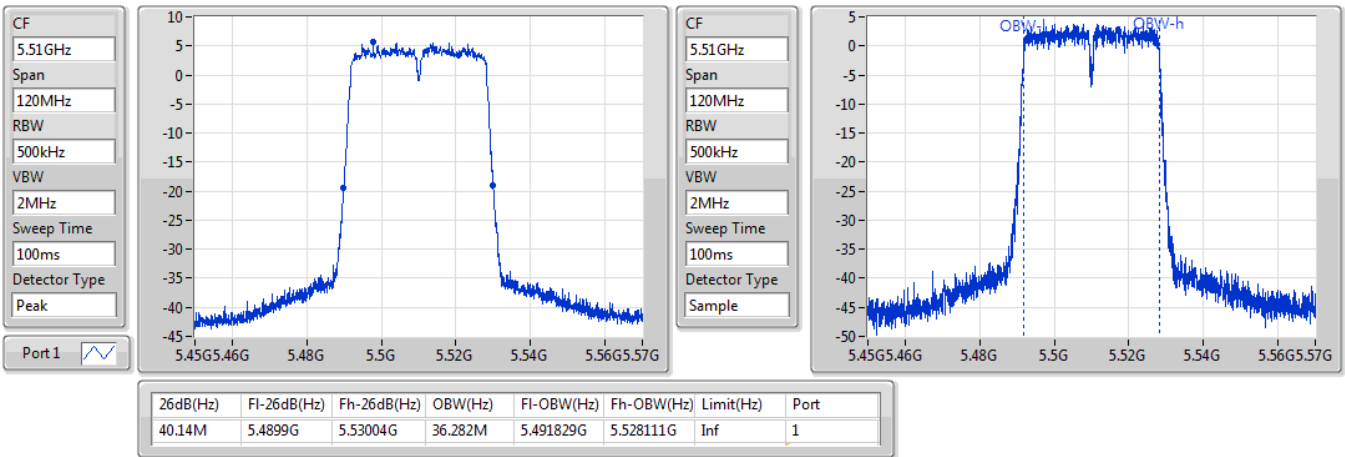


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

07/11/2019

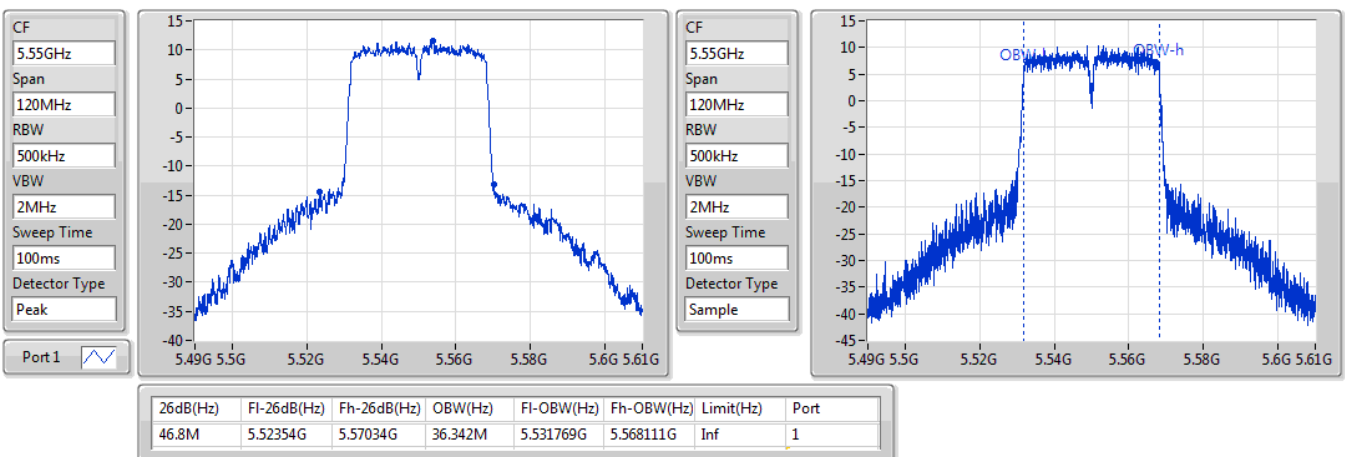


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

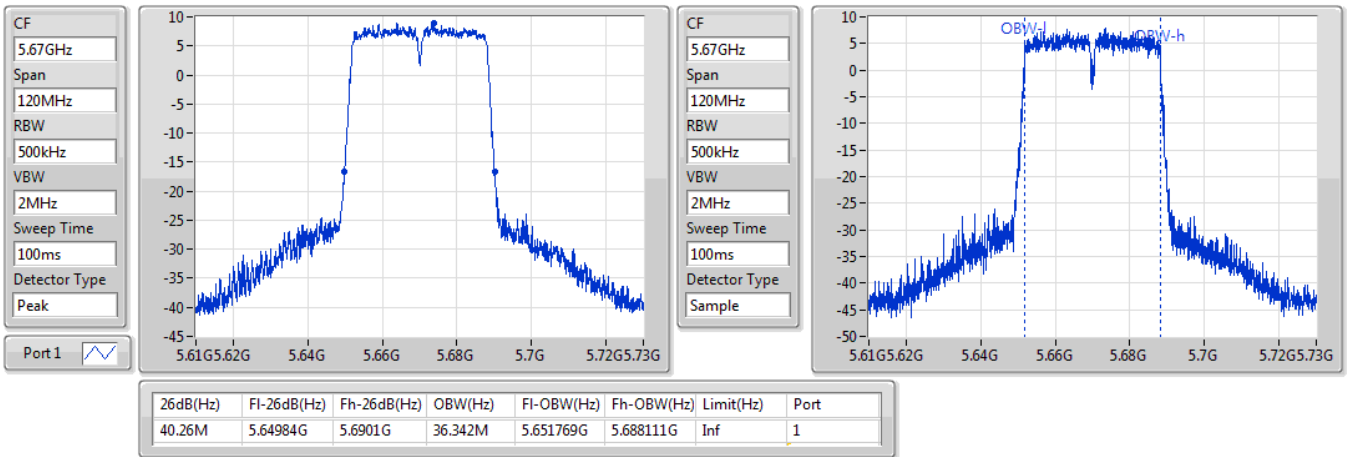
5550MHz

07/11/2019

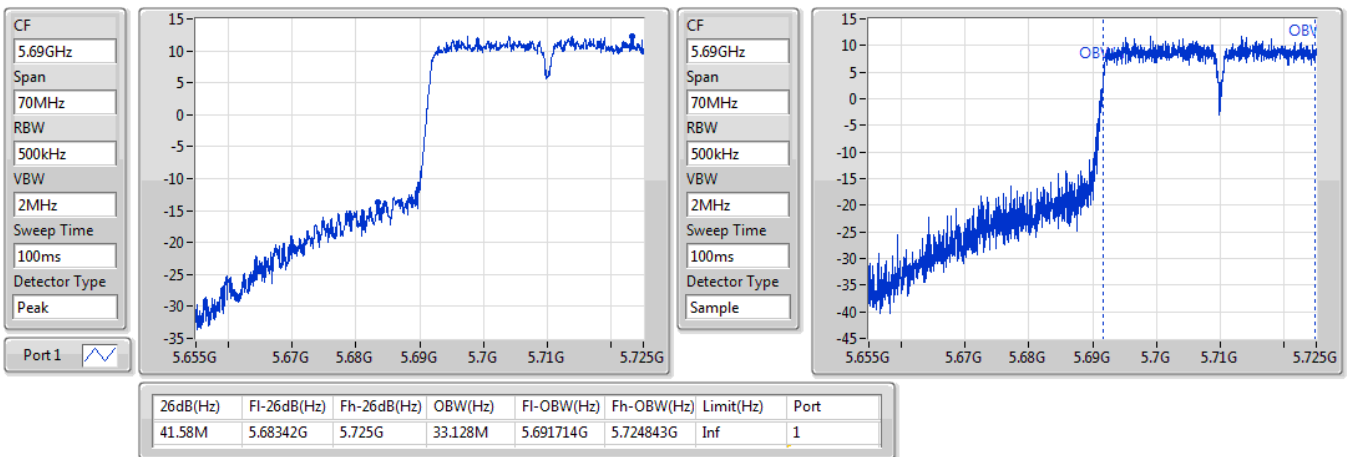


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

07/11/2019


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

13/11/2019

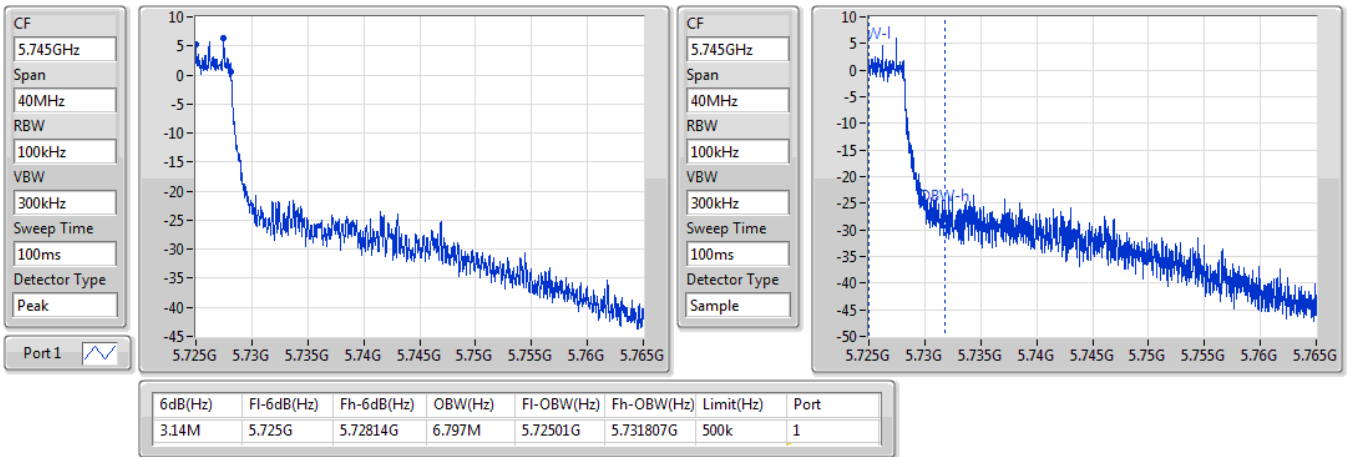


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/11/2019

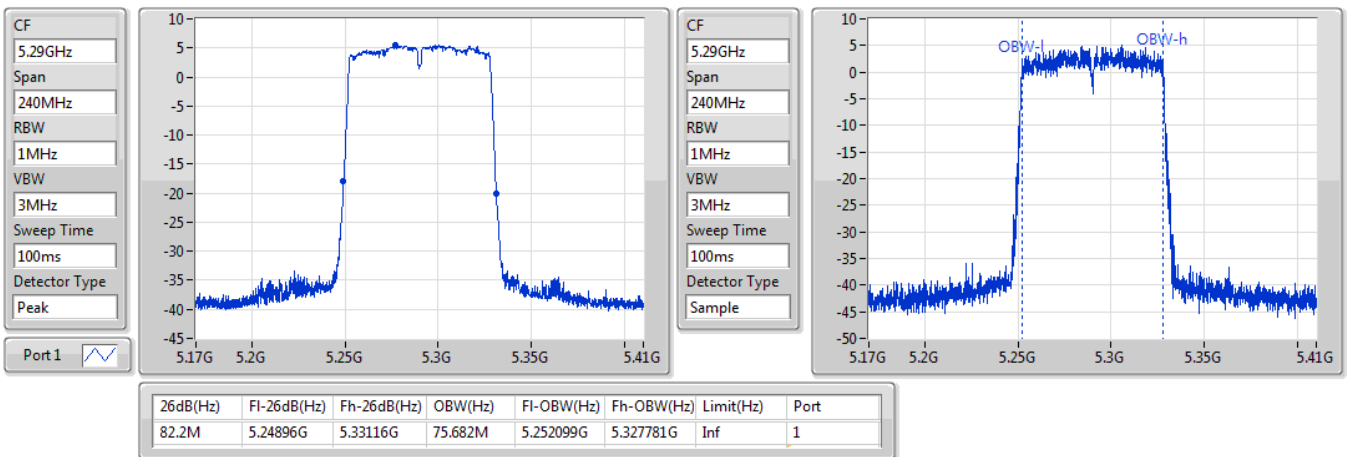


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

07/11/2019

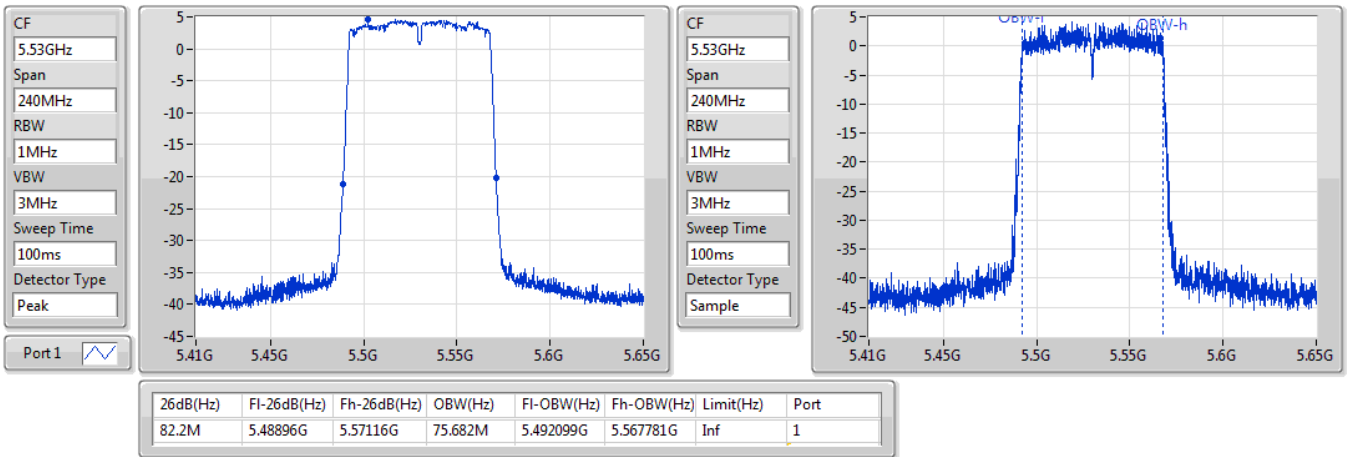


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

07/11/2019

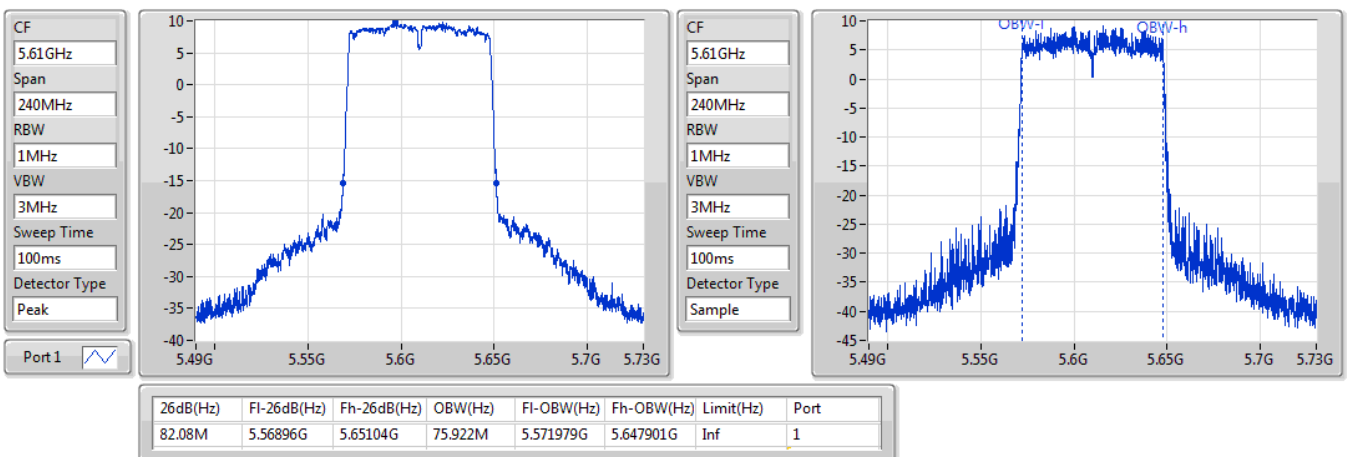


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

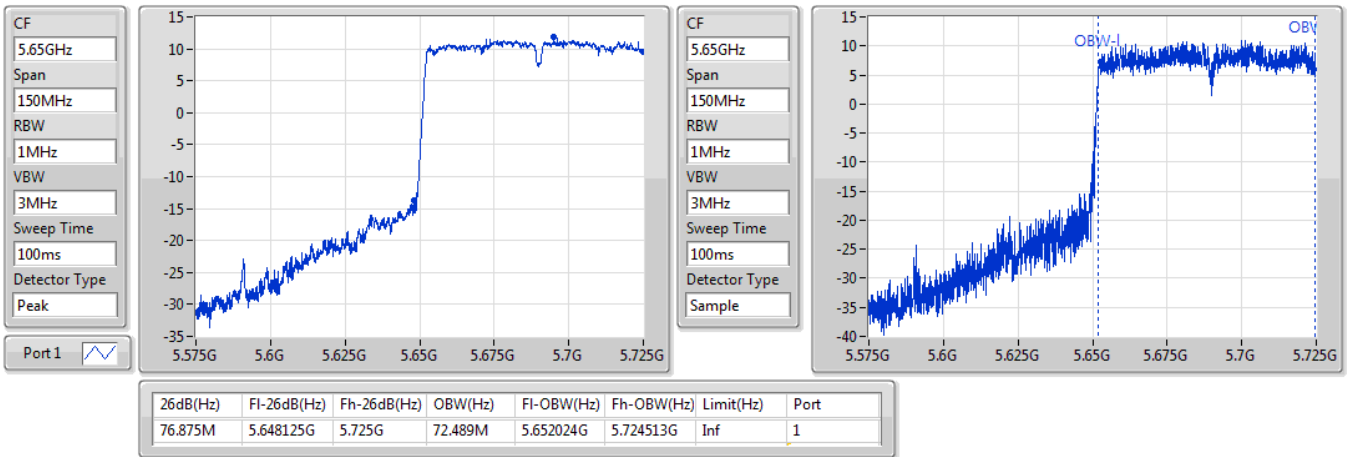
5610MHz

07/11/2019



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

07/11/2019


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

07/11/2019

