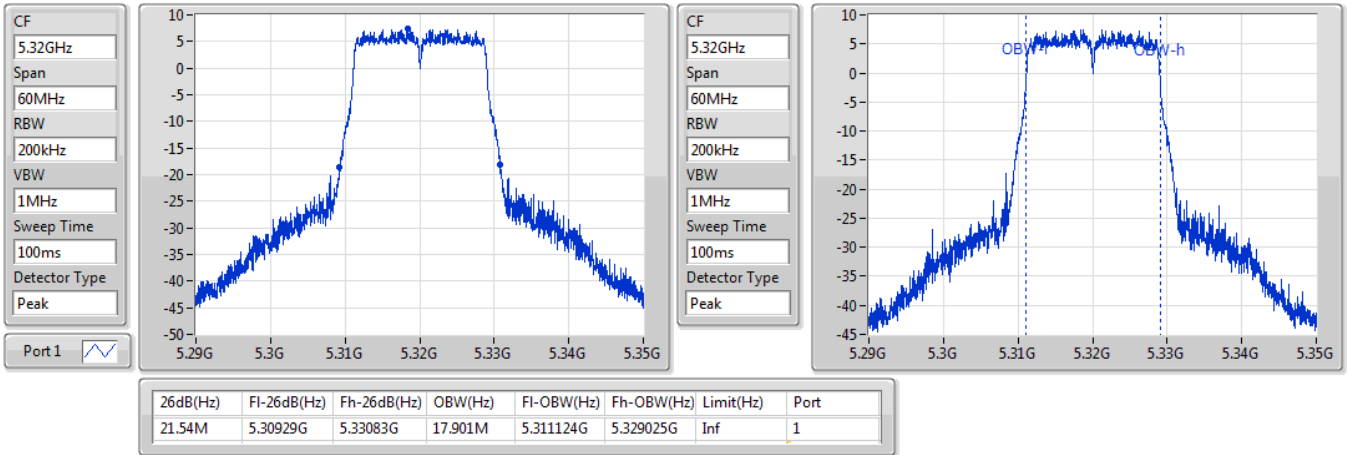
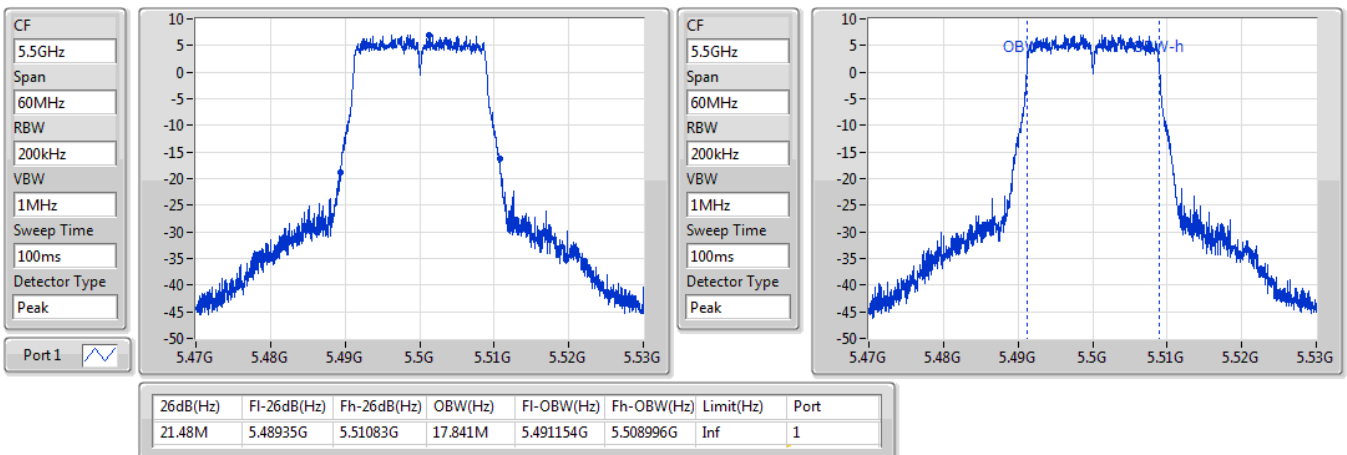


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

13/01/2020


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

13/01/2020

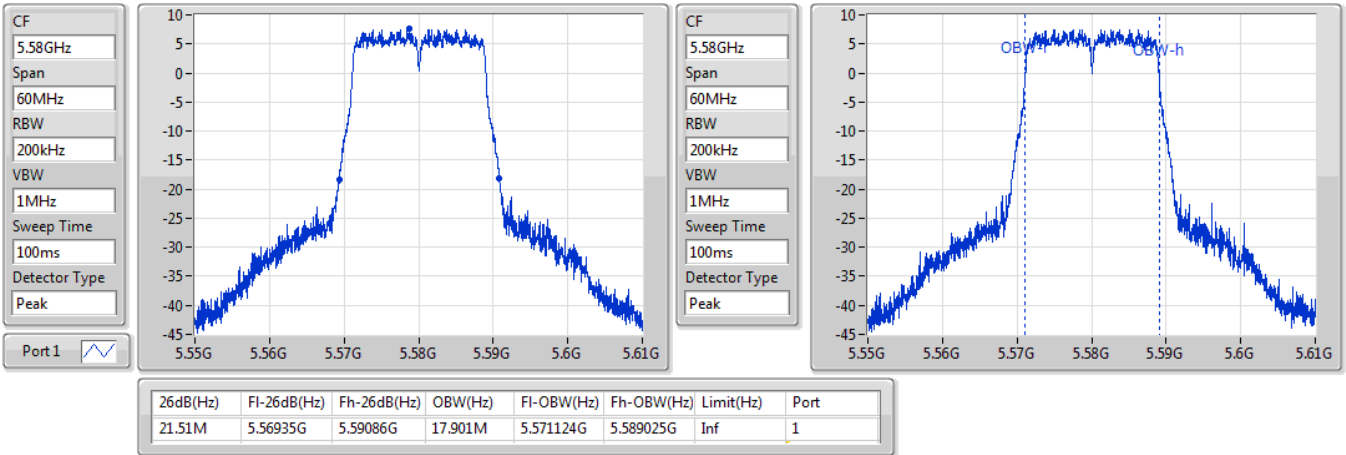


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

13/01/2020

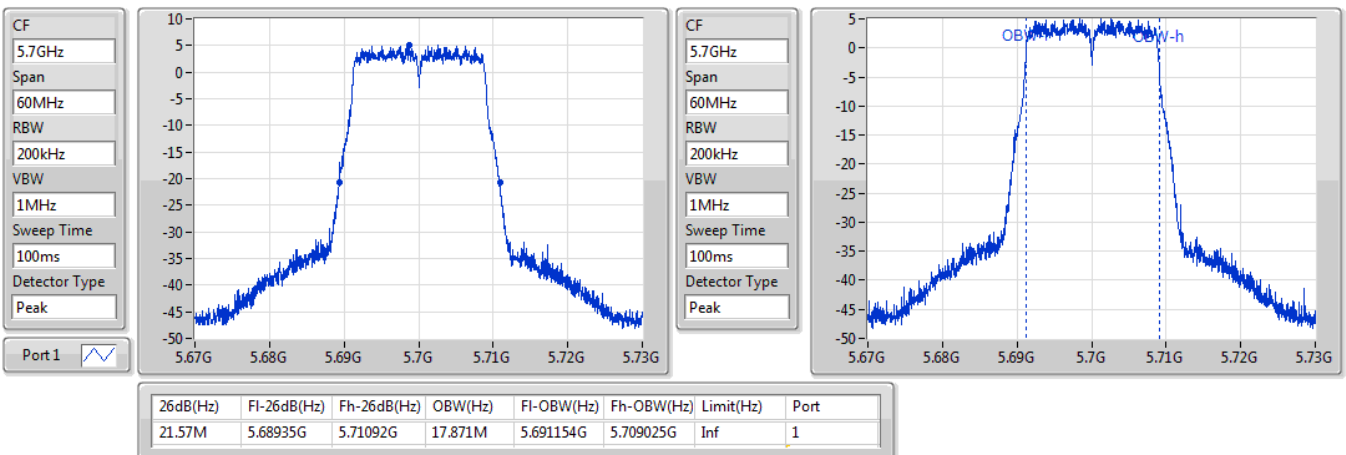


802.11ac VHT20_Nss1,(MCS0)_1TX

EBW

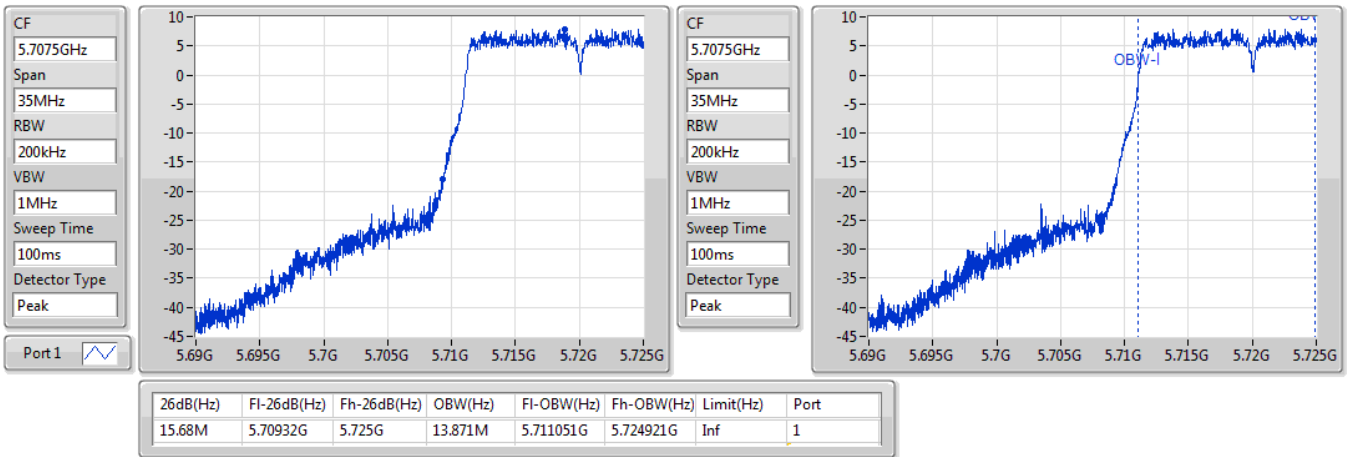
5700MHz

13/01/2020

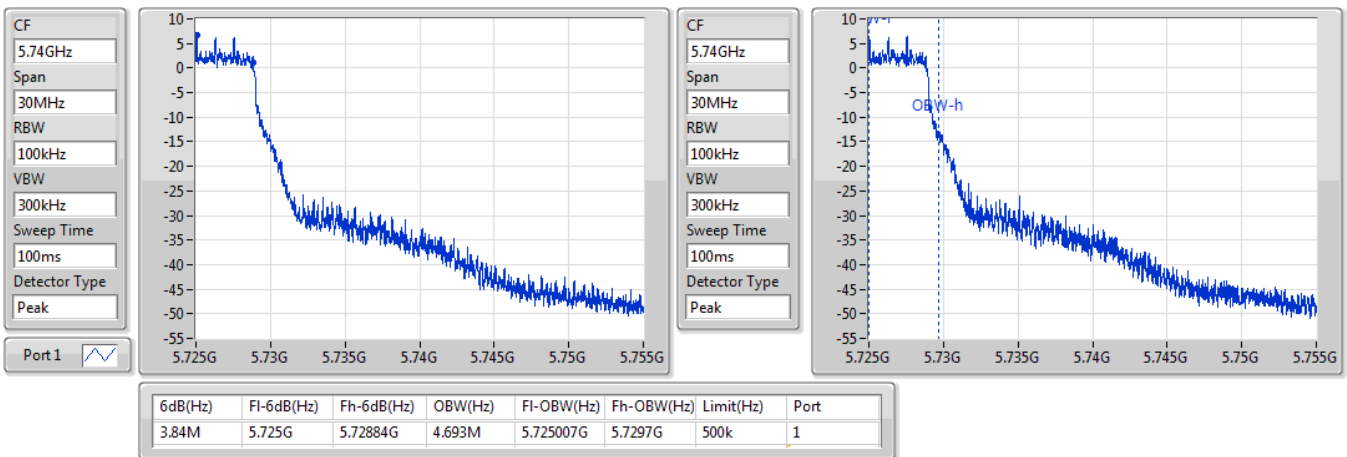


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/01/2020


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

13/01/2020

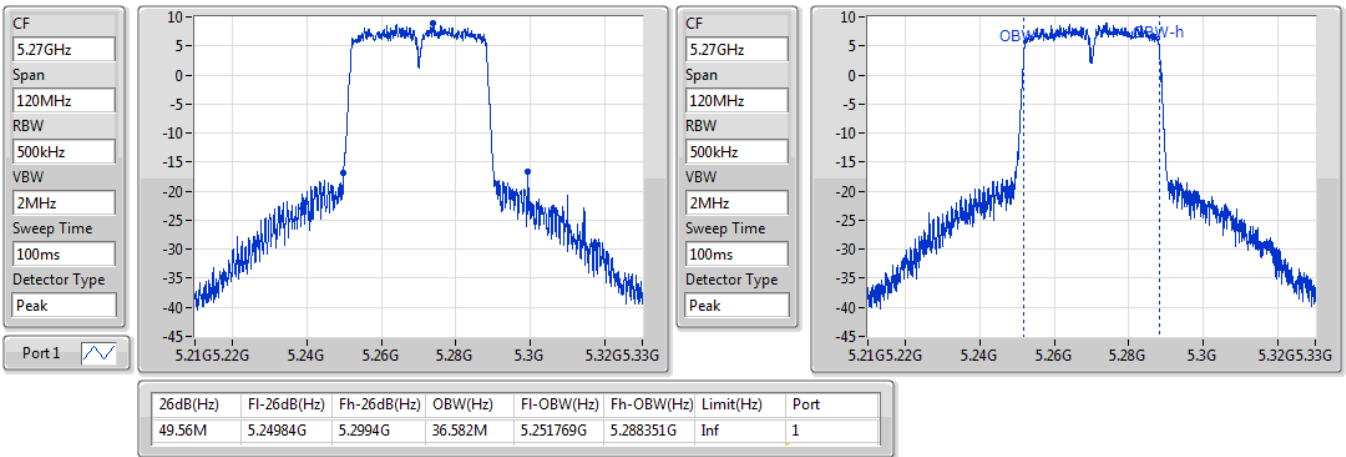


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

13/01/2020

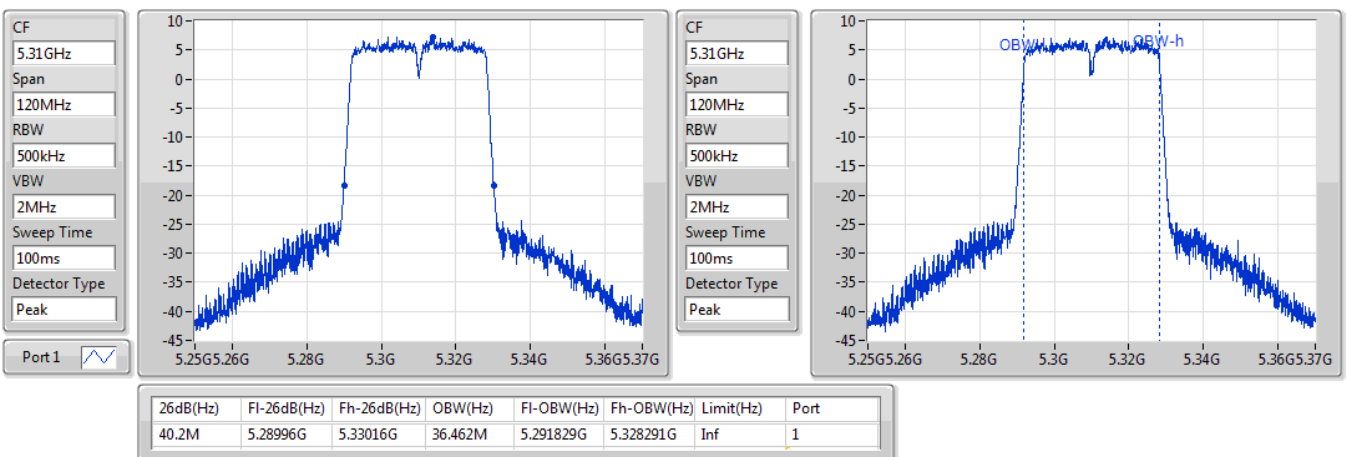


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

13/01/2020

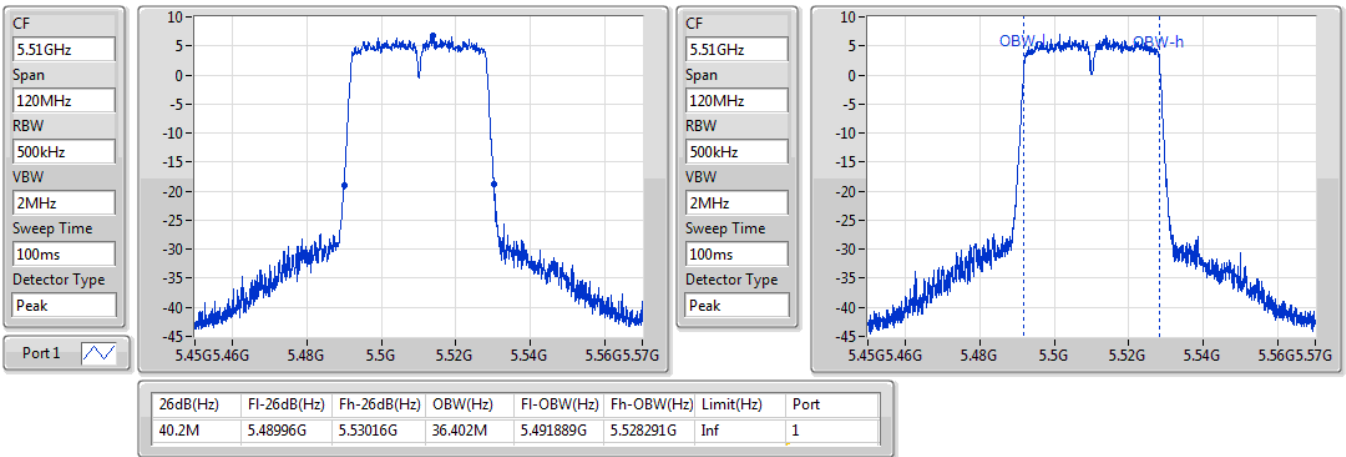


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

13/01/2020

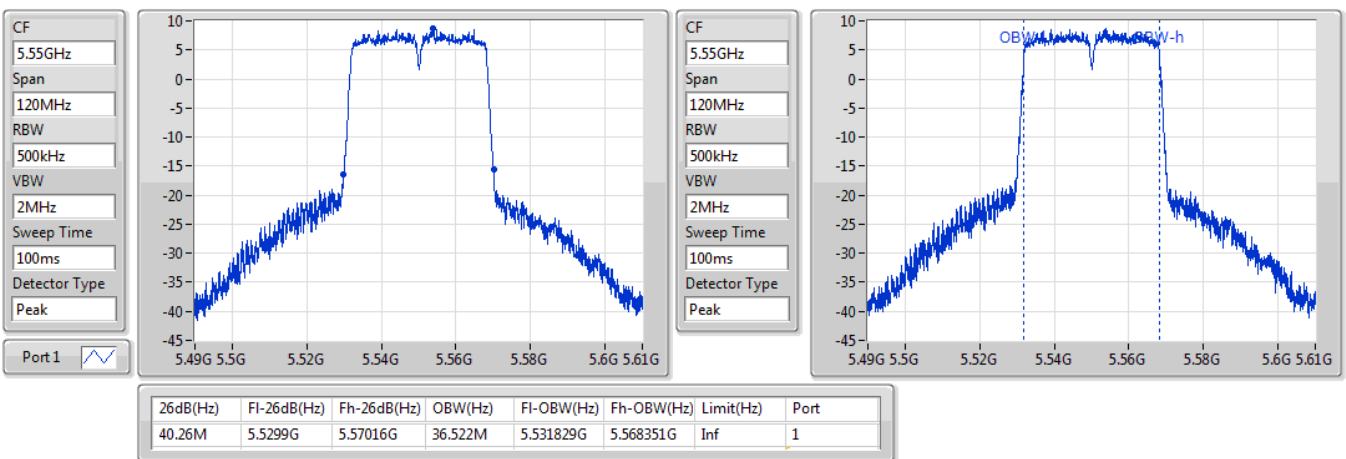


802.11ac VHT40_Nss1,(MCS0)_1TX

EBW

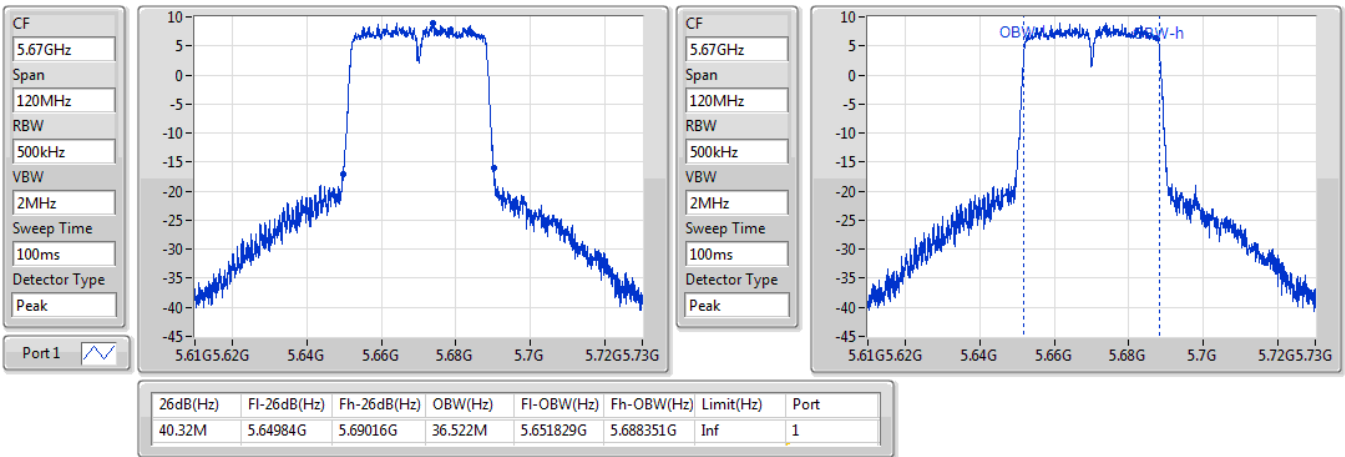
5550MHz

13/01/2020

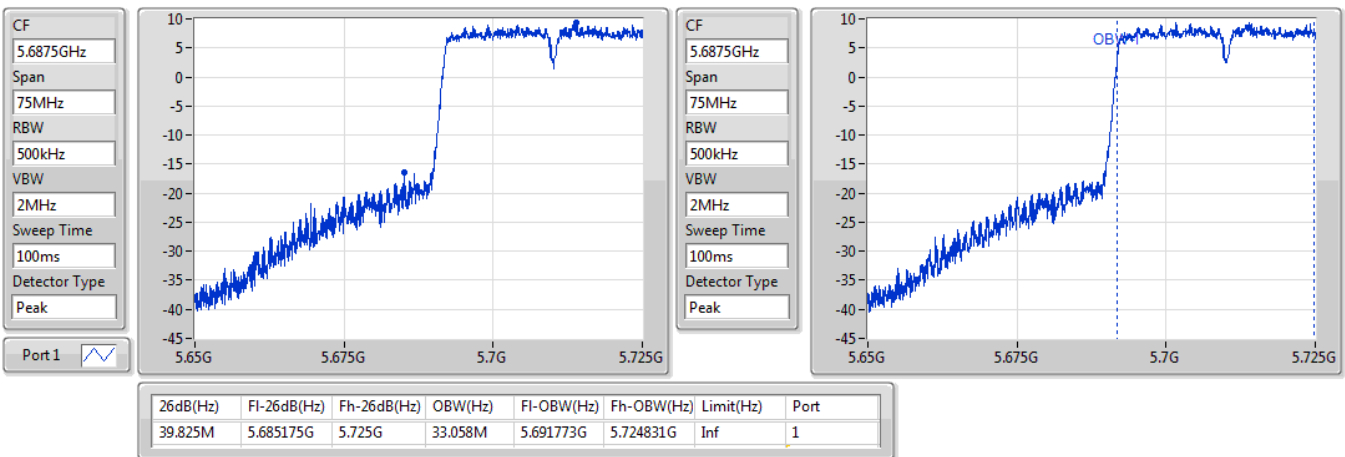


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

13/01/2020

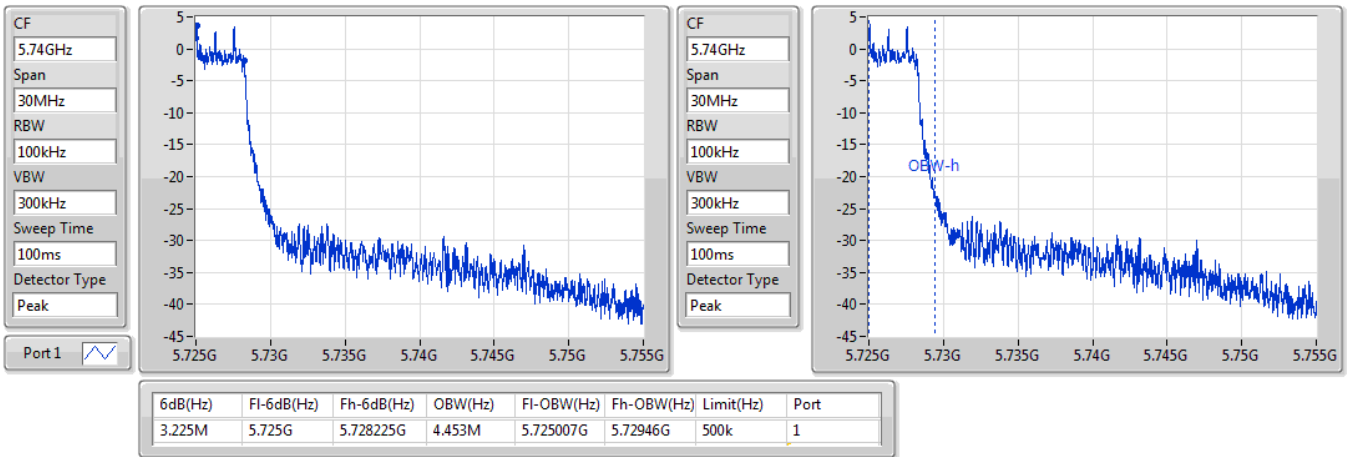

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

13/01/2020

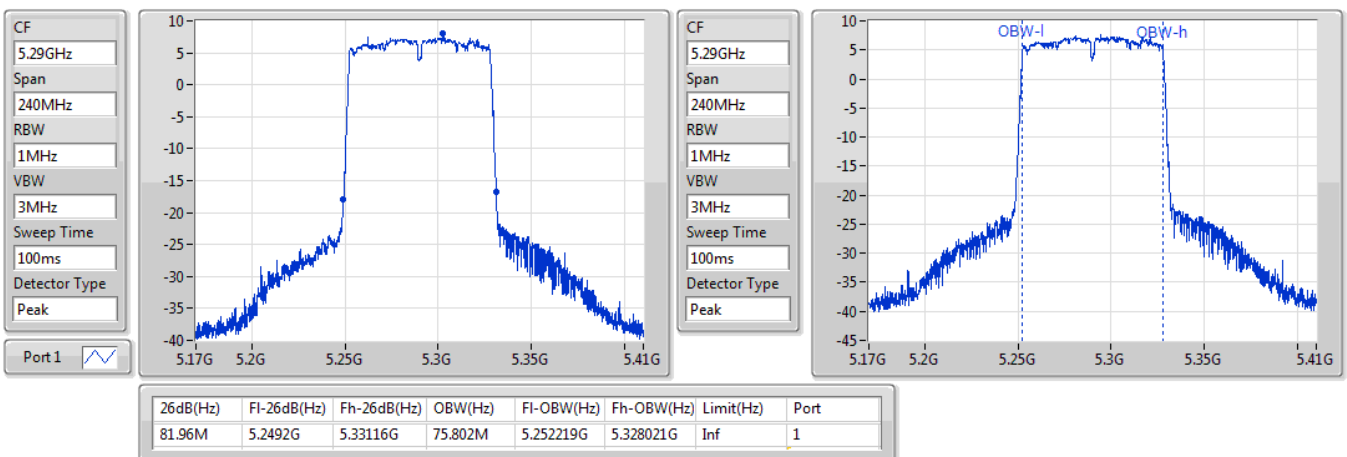


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

13/01/2020

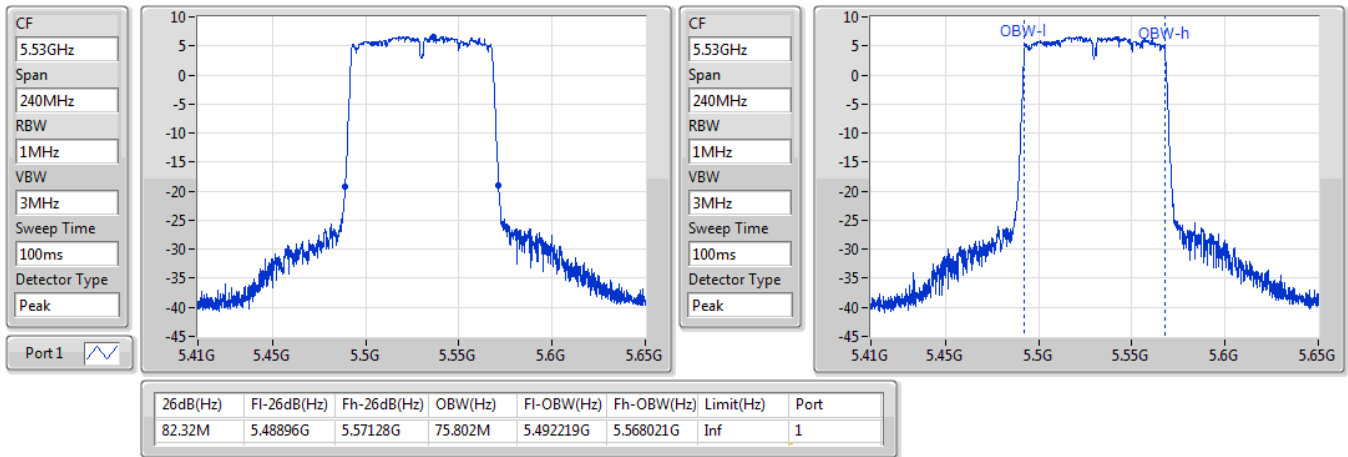

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

13/01/2020

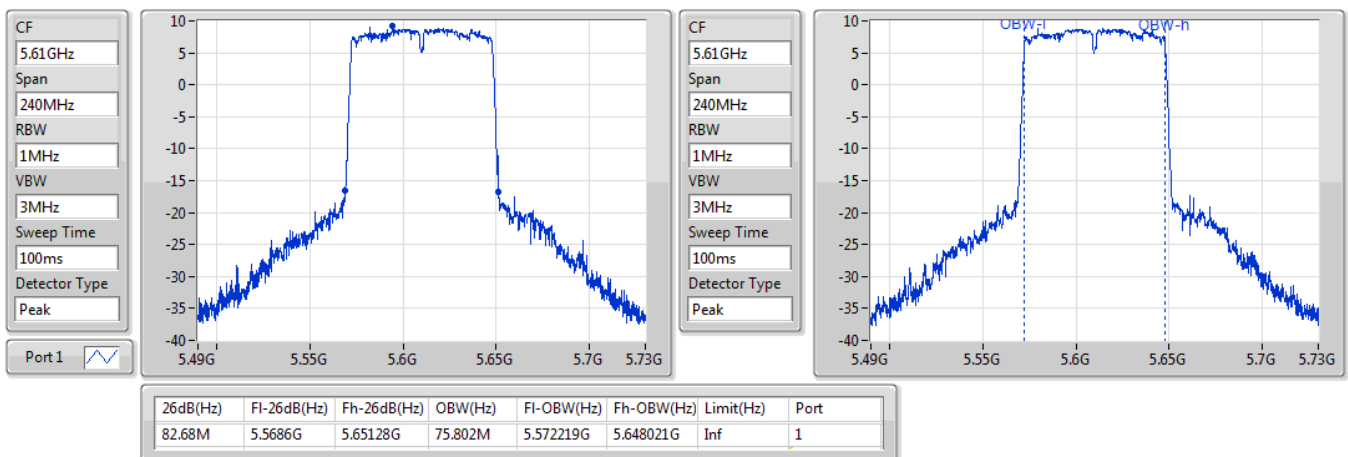


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

13/01/2020

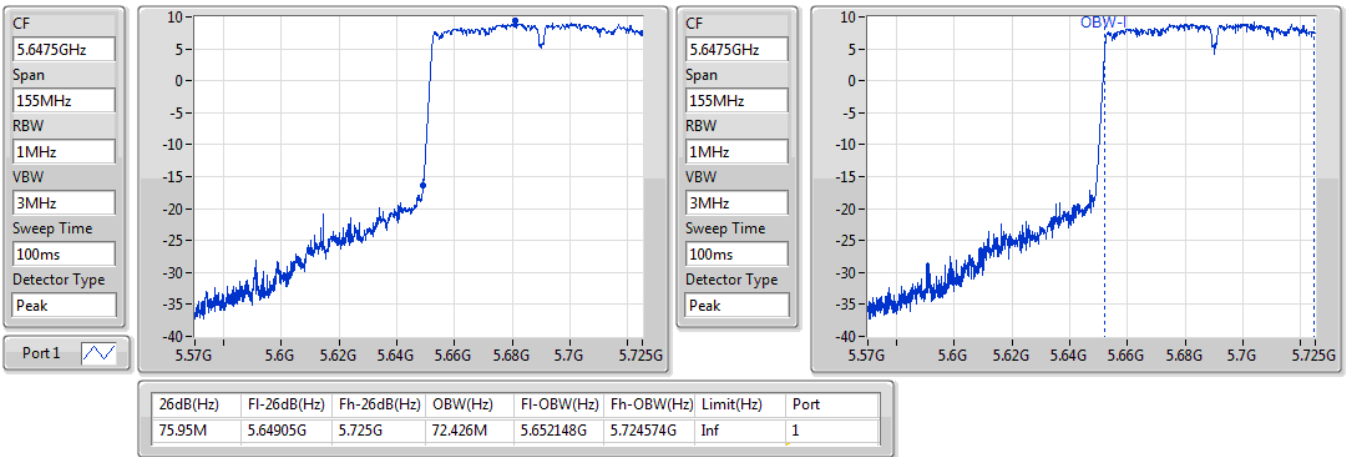

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

13/01/2020

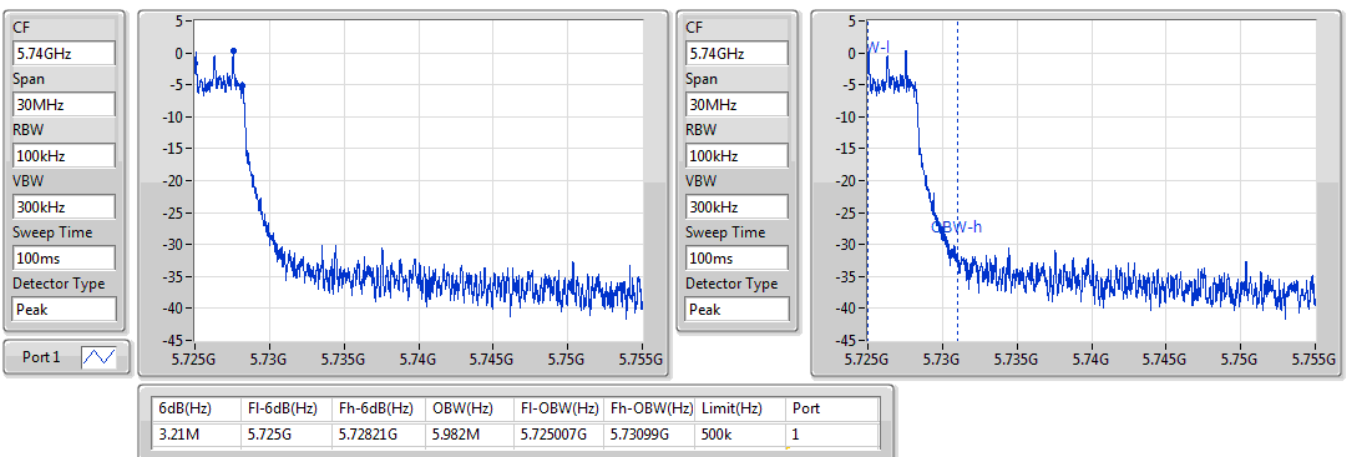


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

13/01/2020


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

13/01/2020

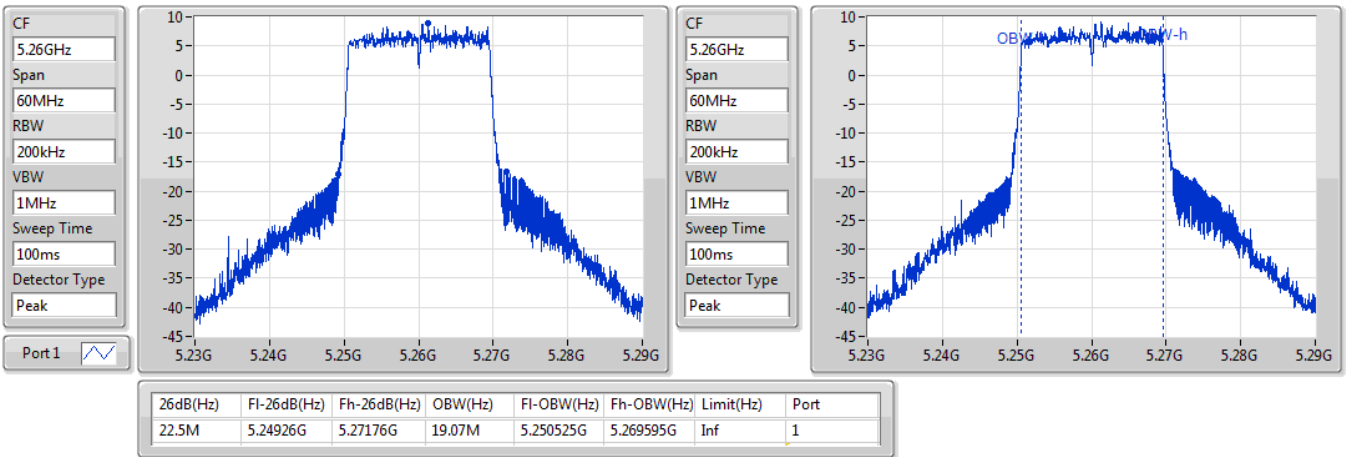


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

13/01/2020

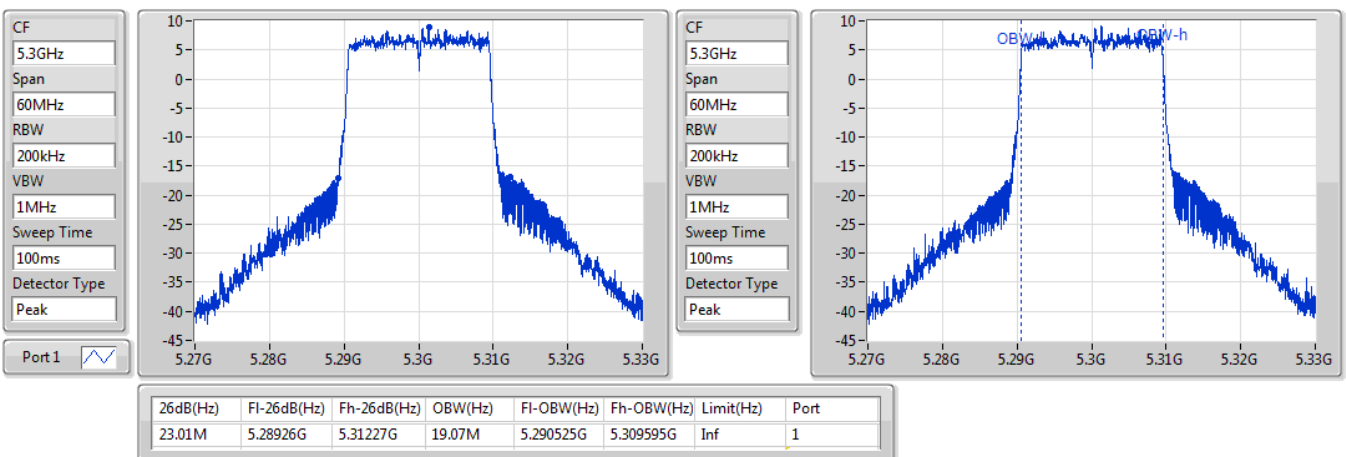


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

13/01/2020

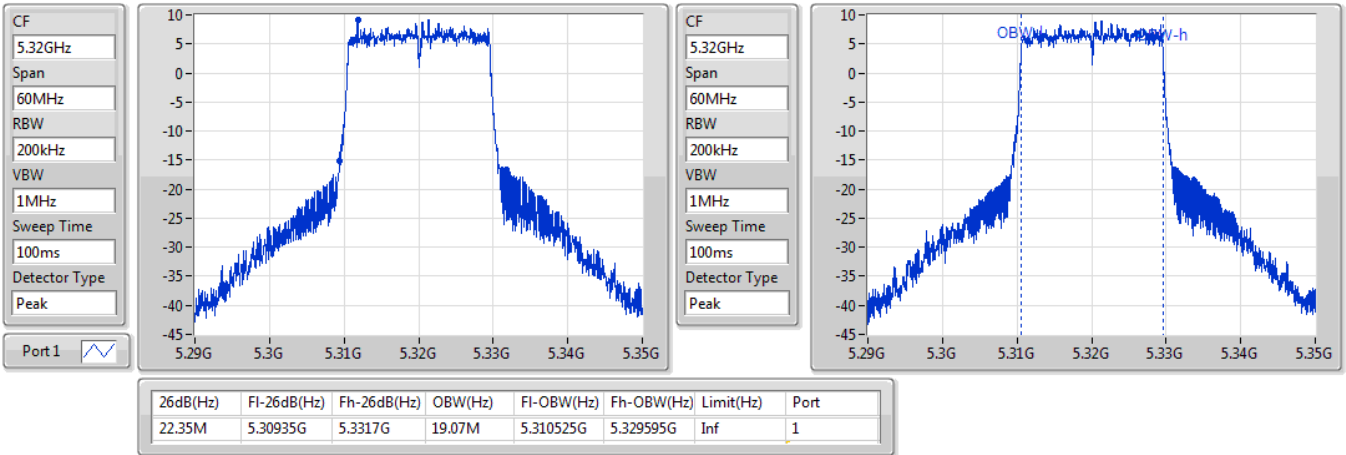


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

13/01/2020

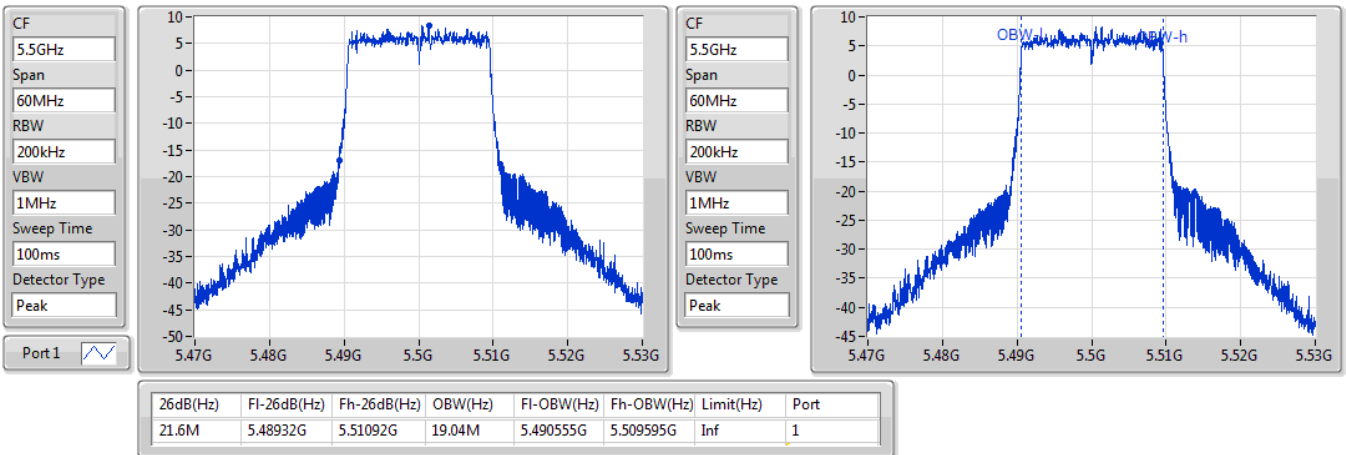


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

13/01/2020

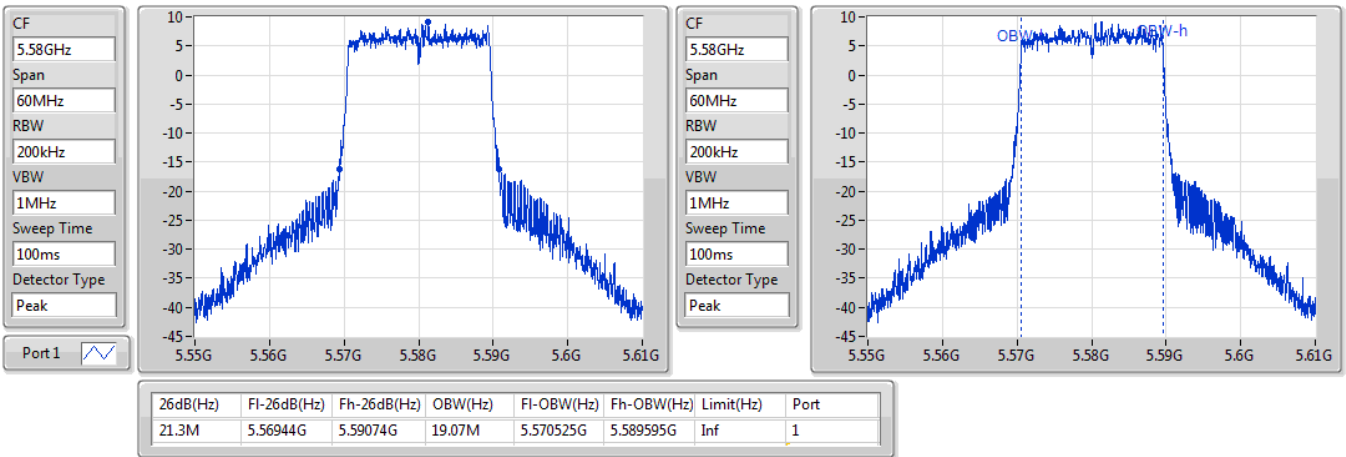


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

13/01/2020

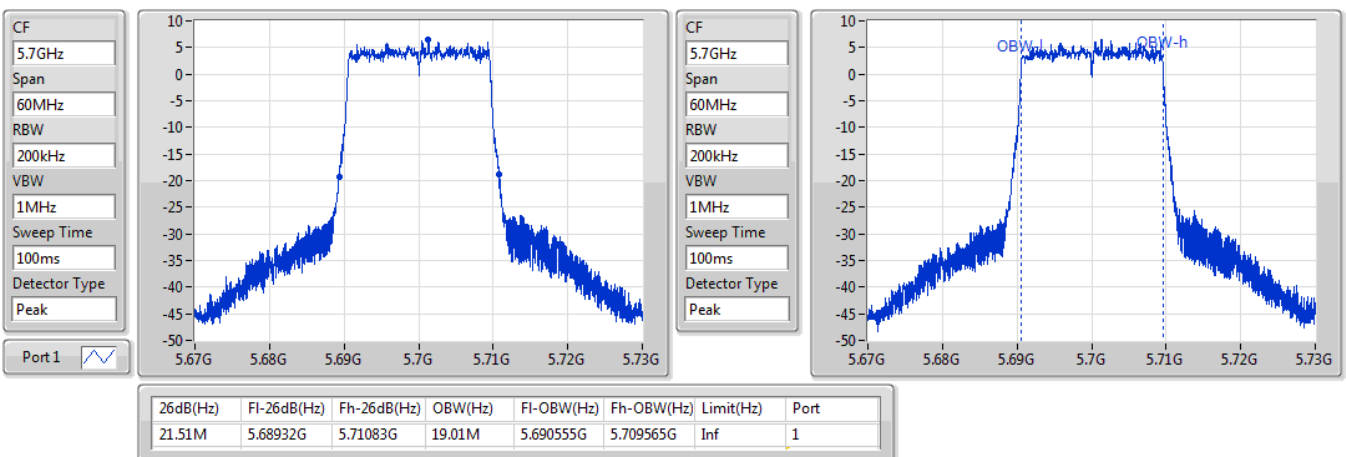


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

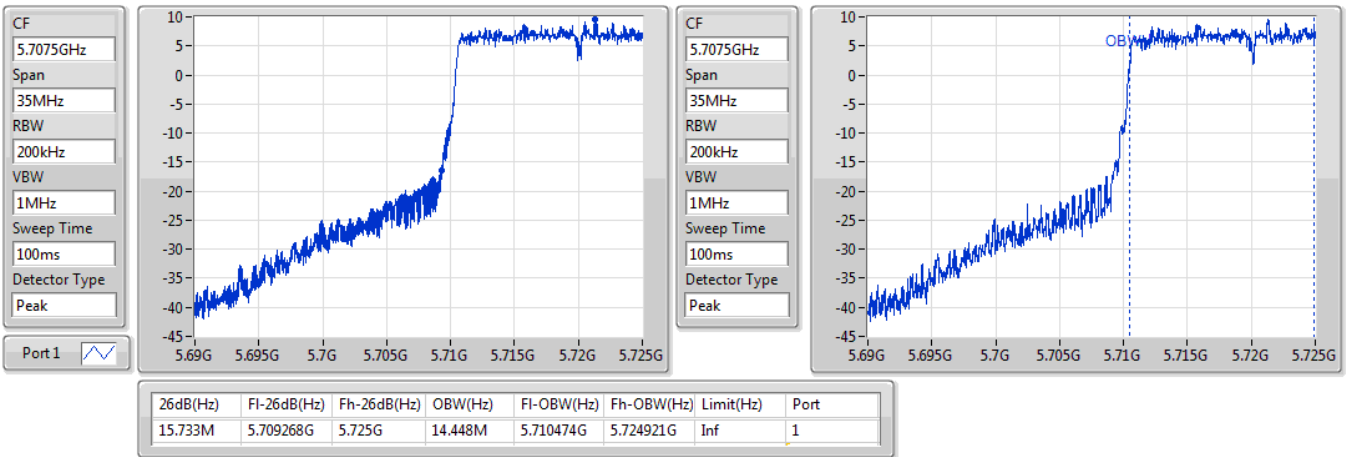
5700MHz

13/01/2020

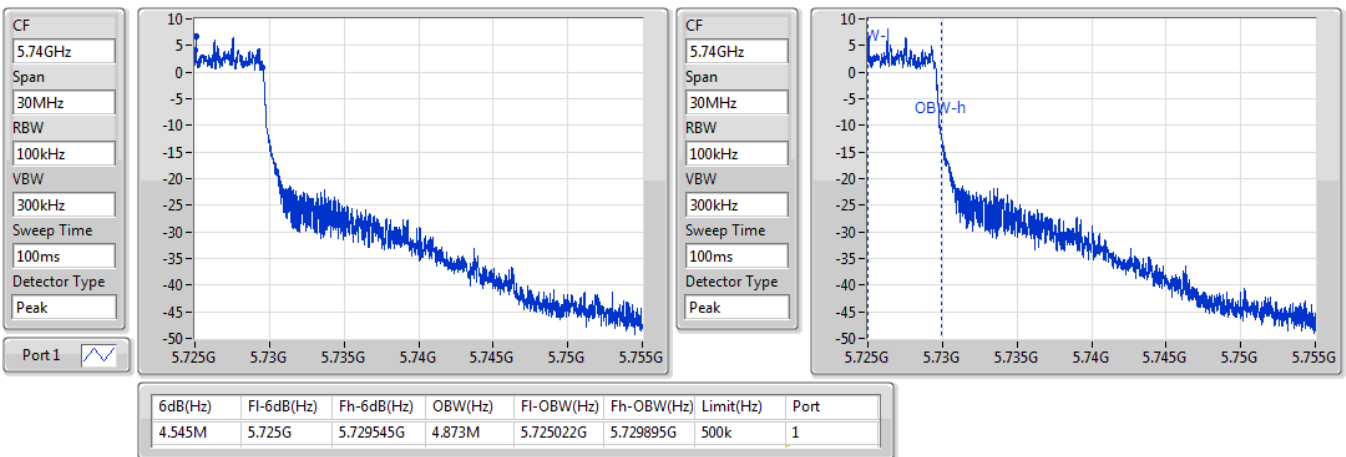


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

13/01/2020


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

13/01/2020

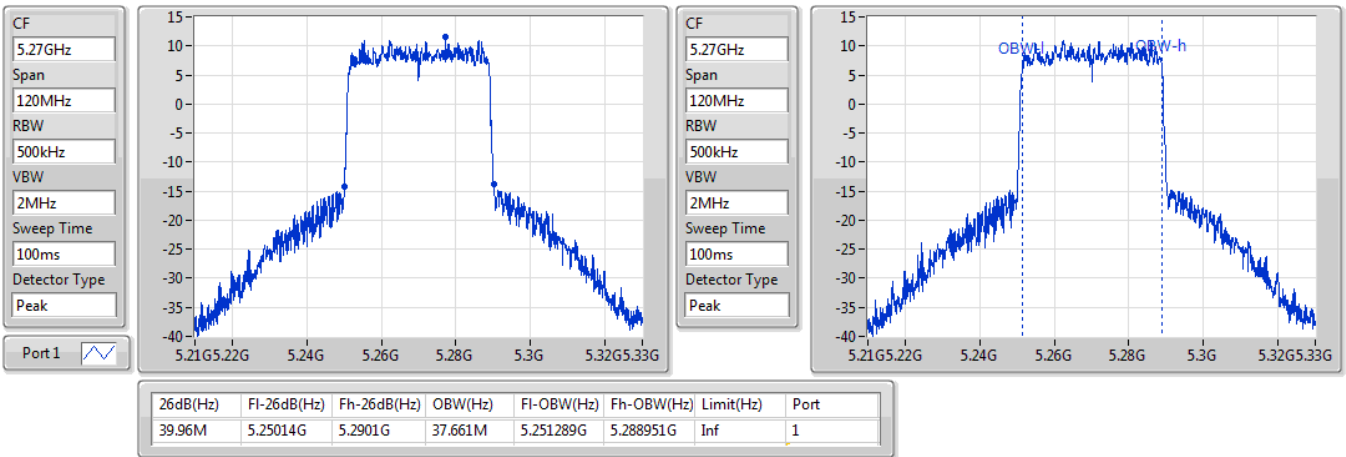


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

13/01/2020

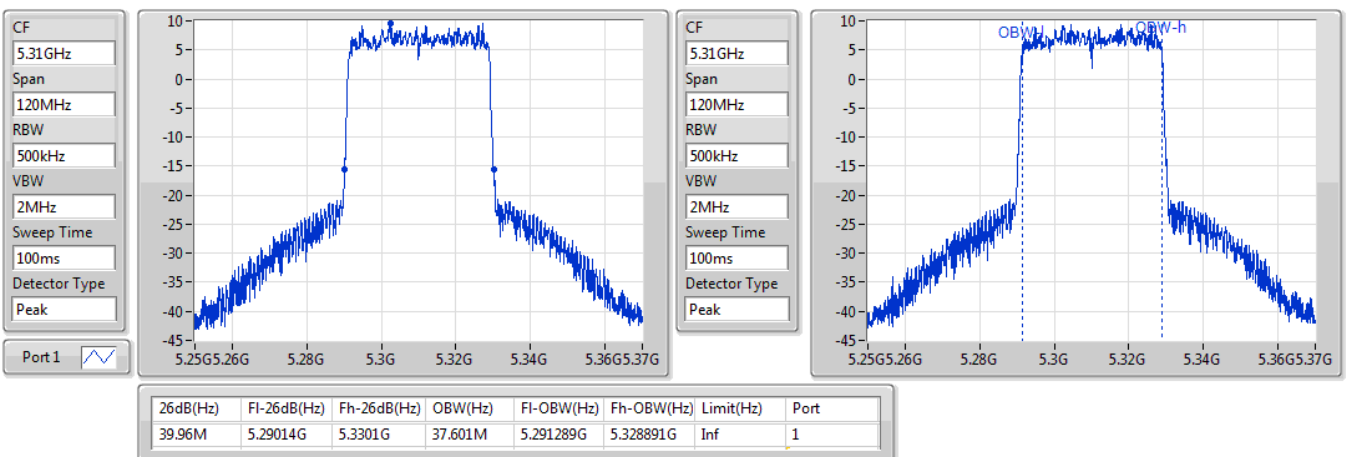


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

13/01/2020

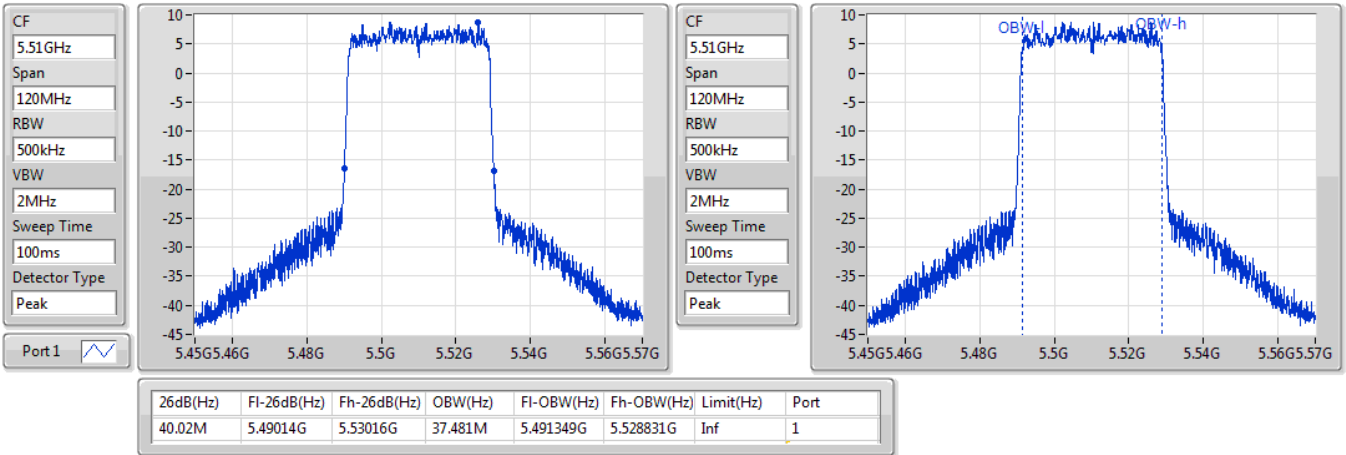


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

13/01/2020

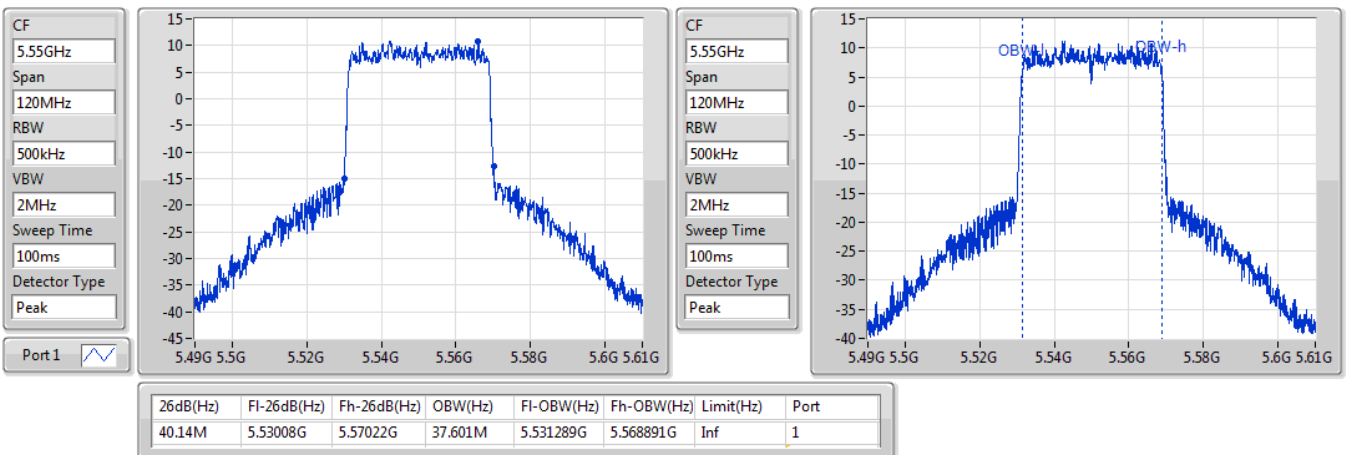


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

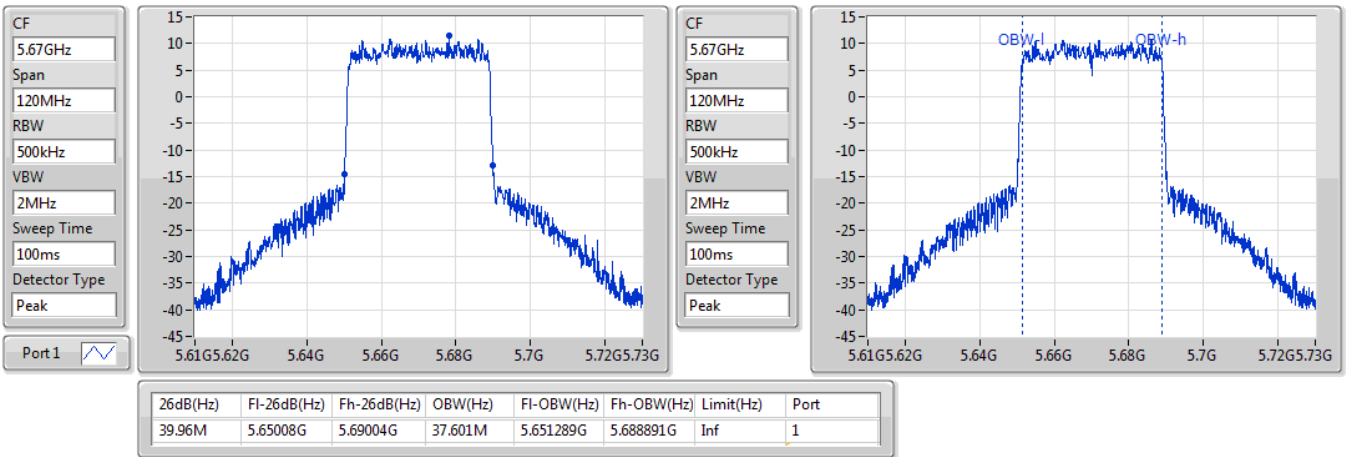
5550MHz

13/01/2020

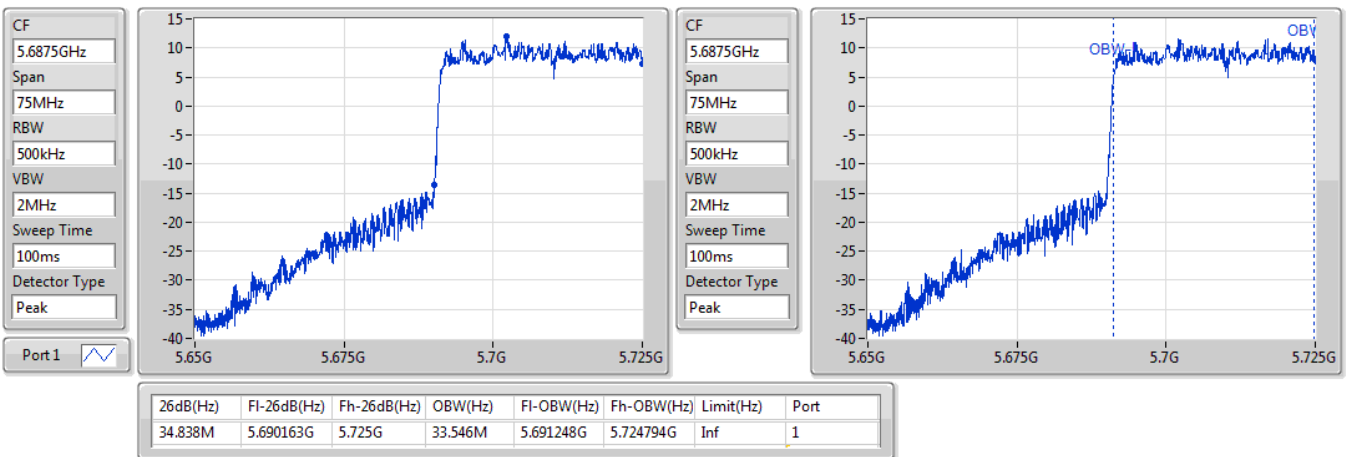


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5670MHz

13/01/2020

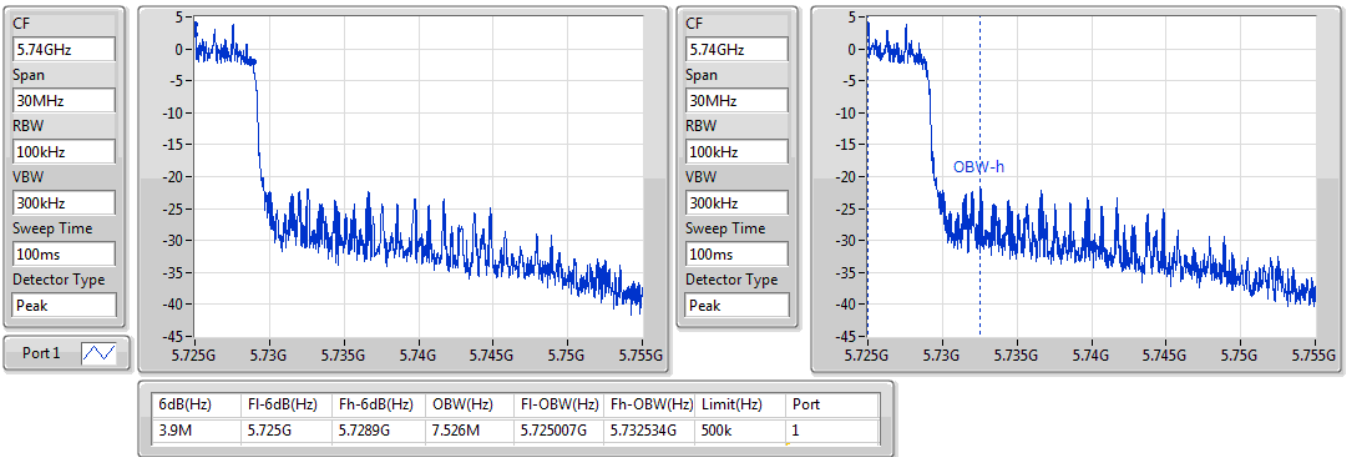

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

13/01/2020

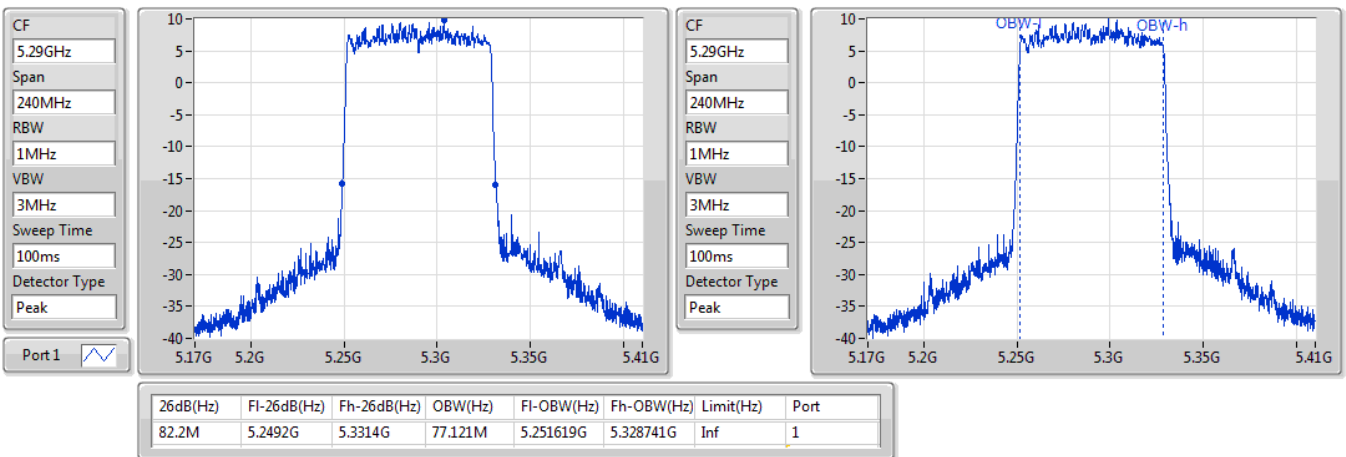


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

13/01/2020


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5290MHz

13/01/2020

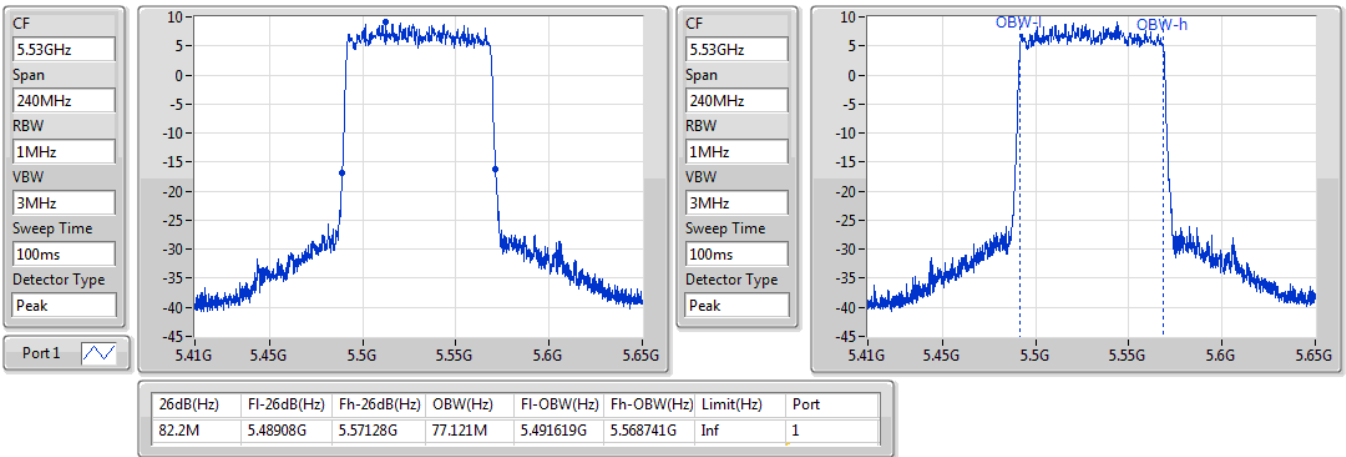


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5530MHz

13/01/2020

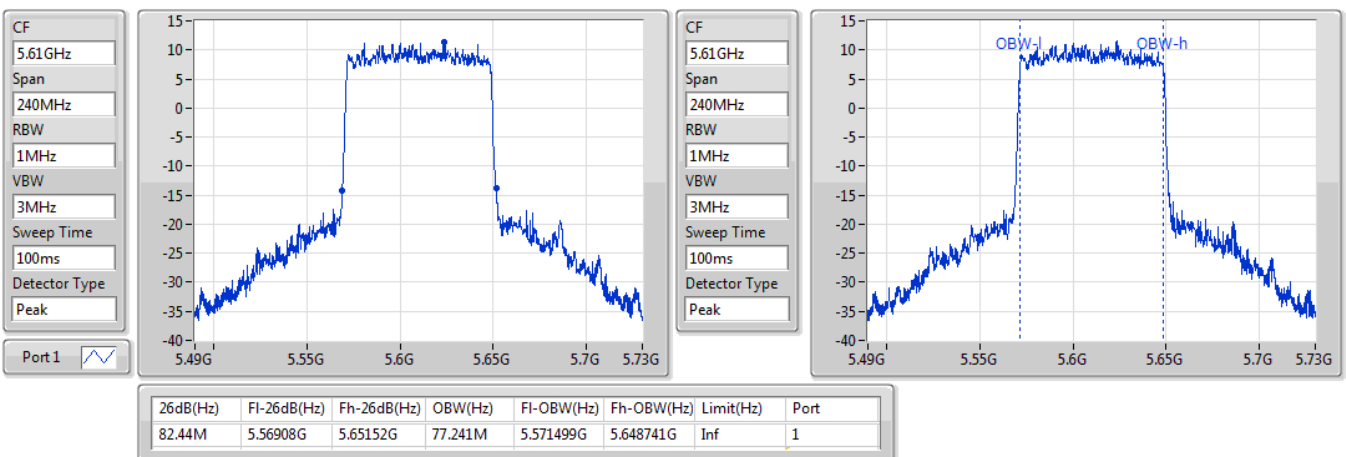


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

13/01/2020

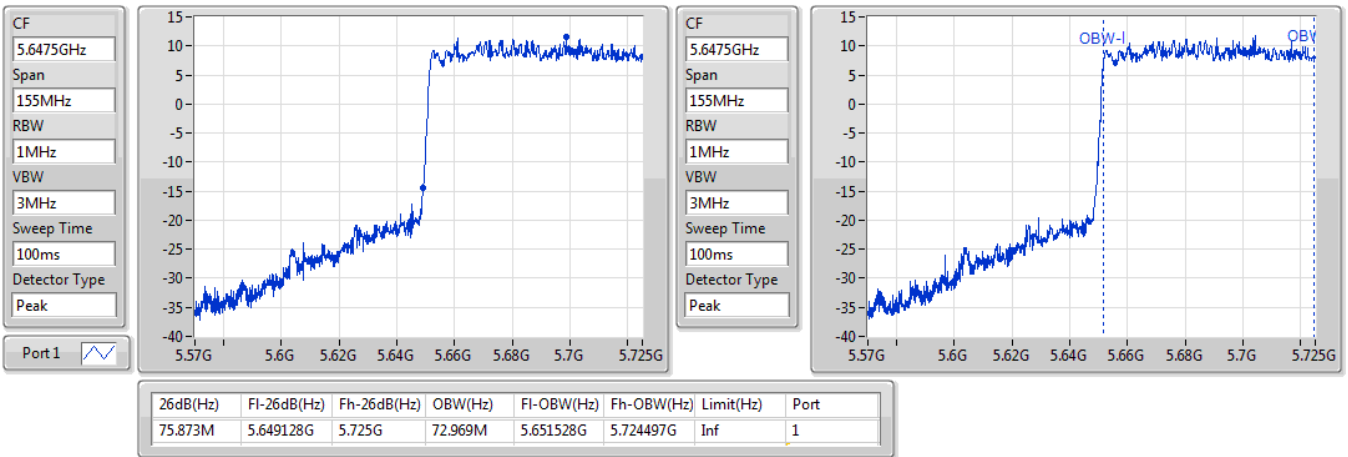


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

13/01/2020

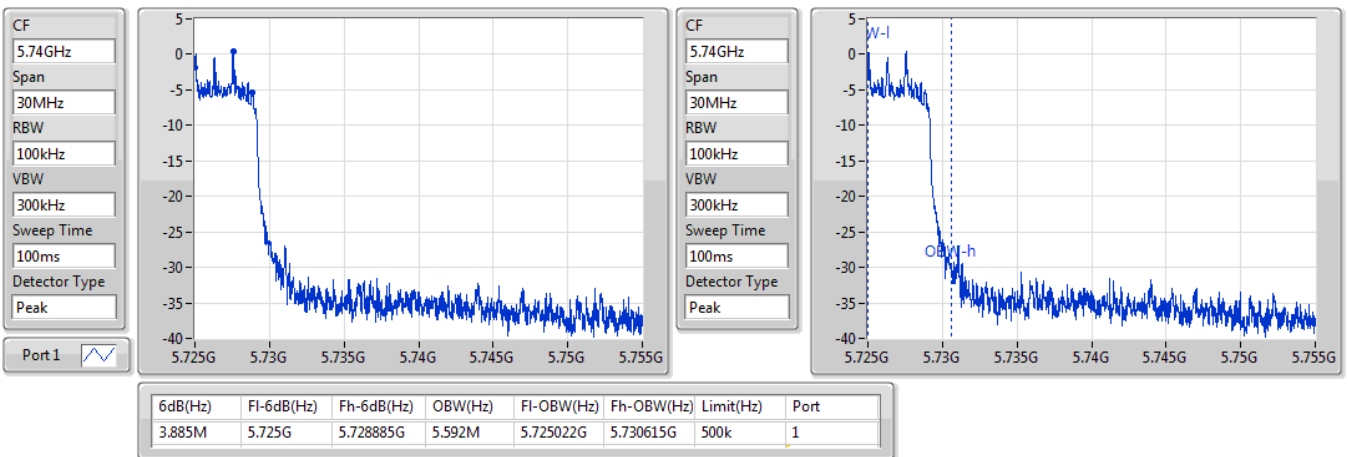


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

13/01/2020



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	21.24M	16.732M	16M7D1D	21.03M	16.642M
802.11ac VHT20_Nss2,(MCS0)_2TX	21.66M	17.871M	17M9D1D	21.27M	17.781M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.02M	36.402M	36M4D1D	39.78M	36.282M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.72M	75.802M	75M8D1D	81.24M	75.802M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.69M	19.04M	19M0D1D	20.91M	19.01M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.08M	37.661M	37M7D1D	39.72M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.36M	77.121M	77M1D1D	81.24M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.27M	16.762M	16M8D1D	15.453M	13.276M
802.11ac VHT20_Nss2,(MCS0)_2TX	21.72M	17.901M	17M9D1D	15.663M	13.853M
802.11ac VHT40_Nss2,(MCS0)_2TX	40.02M	36.402M	36M4D1D	34.8M	32.909M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.96M	75.922M	75M9D1D	75.64M	72.426M
802.11ax HEW20_Nss2,(MCS0)_2TX	21.66M	19.04M	19M0D1D	15.558M	14.378M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.08M	37.661M	37M7D1D	34.838M	33.546M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	77.001M	77M0D1D	75.33M	72.891M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.24M	4.303M	4M30D1D	3.225M	4.108M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.84M	4.513M	4M51D1D	3.84M	4.513M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.225M	3.673M	3M67D1D	3.225M	3.643M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.21M	3.808M	3M81D1D	3.21M	3.643M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.545M	4.768M	4M77D1D	4.53M	4.723M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.855M	4.153M	4M15D1D	3.78M	4.138M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.78M	4.213M	4M21D1D	3.735M	4.213M

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	21.24M	16.732M	21.09M	16.642M
5300MHz	Pass	Inf	21.21M	16.702M	21.03M	16.642M
5320MHz	Pass	Inf	21.24M	16.732M	21.15M	16.642M
5500MHz	Pass	Inf	21.27M	16.732M	21.03M	16.672M
5580MHz	Pass	Inf	21.15M	16.762M	21.18M	16.612M
5700MHz	Pass	Inf	21.09M	16.732M	21.06M	16.672M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.523M	13.276M	15.453M	13.276M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.303M	3.225M	4.108M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	17.871M	21.27M	17.781M
5300MHz	Pass	Inf	21.66M	17.871M	21.36M	17.811M
5320MHz	Pass	Inf	21.66M	17.871M	21.42M	17.781M
5500MHz	Pass	Inf	21.66M	17.901M	21.48M	17.781M
5580MHz	Pass	Inf	21.66M	17.871M	21.42M	17.811M
5700MHz	Pass	Inf	21.72M	17.871M	21.48M	17.811M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.715M	13.906M	15.663M	13.853M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	4.513M	3.84M	4.513M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.78M	36.402M	40.02M	36.282M
5310MHz	Pass	Inf	39.84M	36.402M	39.9M	36.282M
5510MHz	Pass	Inf	39.78M	36.402M	39.96M	36.342M
5550MHz	Pass	Inf	39.78M	36.402M	40.02M	36.282M
5670MHz	Pass	Inf	39.9M	36.402M	39.96M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.8M	32.909M	35.138M	33.021M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.225M	3.673M	3.225M	3.643M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.24M	75.802M	81.72M	75.802M
5530MHz	Pass	Inf	81.48M	75.802M	81.96M	75.802M
5610MHz	Pass	Inf	81.48M	75.802M	81.72M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.64M	72.426M	75.95M	72.426M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.21M	3.808M	3.21M	3.643M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.54M	19.01M	21.33M	19.04M
5300MHz	Pass	Inf	21.63M	19.04M	20.91M	19.01M
5320MHz	Pass	Inf	21.69M	19.01M	21.48M	19.04M
5500MHz	Pass	Inf	21.66M	19.01M	21.33M	19.04M
5580MHz	Pass	Inf	21.6M	19.04M	21.42M	19.04M
5700MHz	Pass	Inf	21.66M	19.01M	21.09M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.838M	14.448M	15.558M	14.378M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.545M	4.723M	4.53M	4.768M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	37.661M	39.72M	37.541M
5310MHz	Pass	Inf	40.08M	37.601M	39.78M	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	Pass	Inf	40.08M	37.661M	39.84M	37.541M
5550MHz	Pass	Inf	40.08M	37.661M	39.78M	37.601M
5670MHz	Pass	Inf	40.08M	37.661M	39.96M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.913M	33.658M	34.838M	33.546M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.153M	3.855M	4.138M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.24M	77.121M	81.36M	77.001M
5530MHz	Pass	Inf	81.48M	77.001M	81.36M	77.001M
5610MHz	Pass	Inf	81.36M	77.001M	81.48M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.33M	72.891M	75.563M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.735M	4.213M	3.78M	4.213M

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

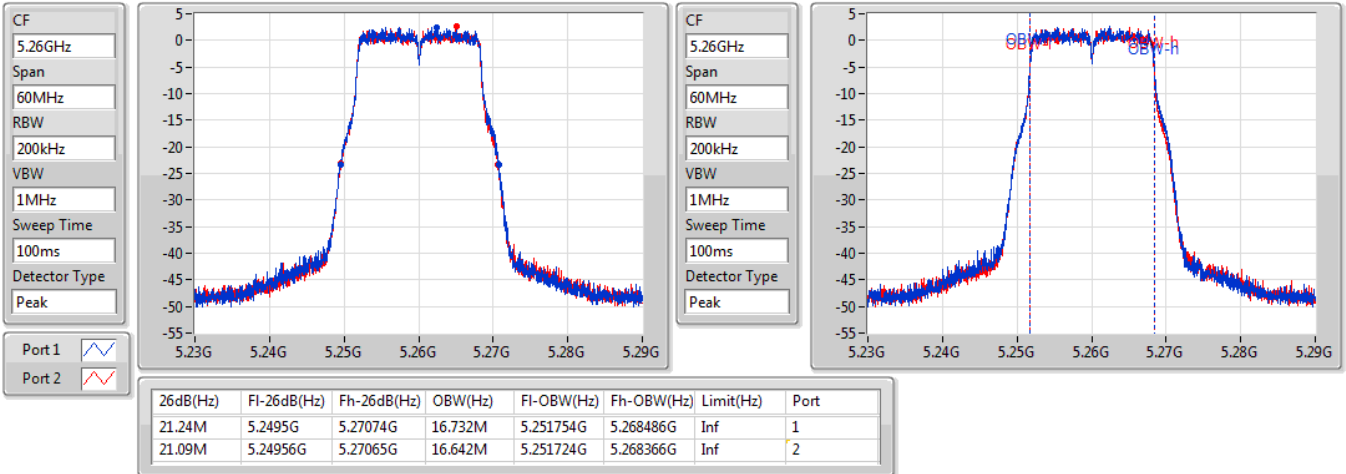
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

14/01/2020

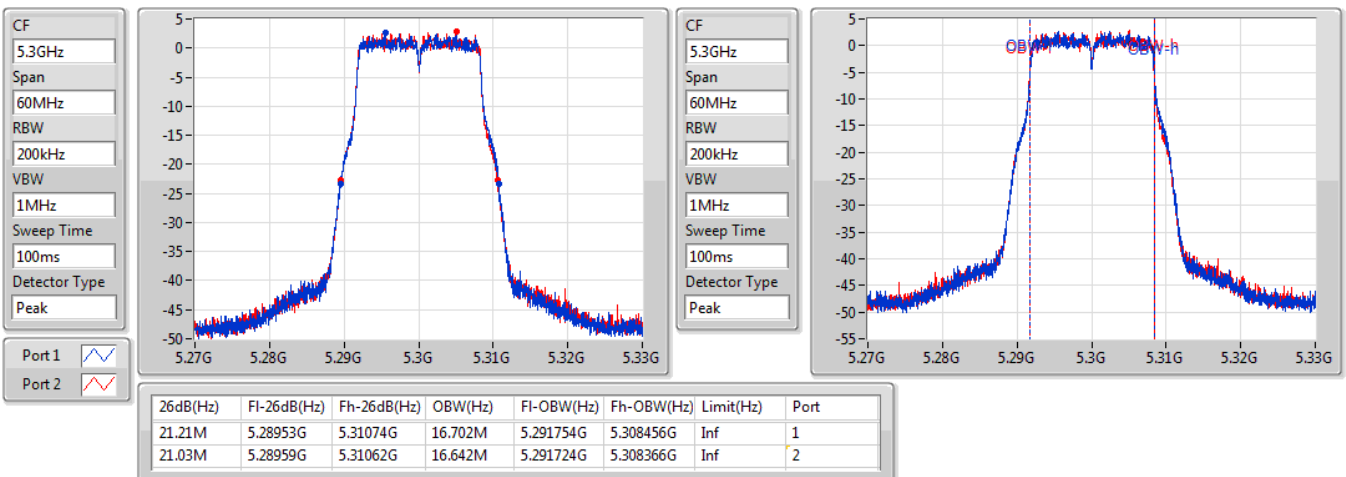


802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

14/01/2020

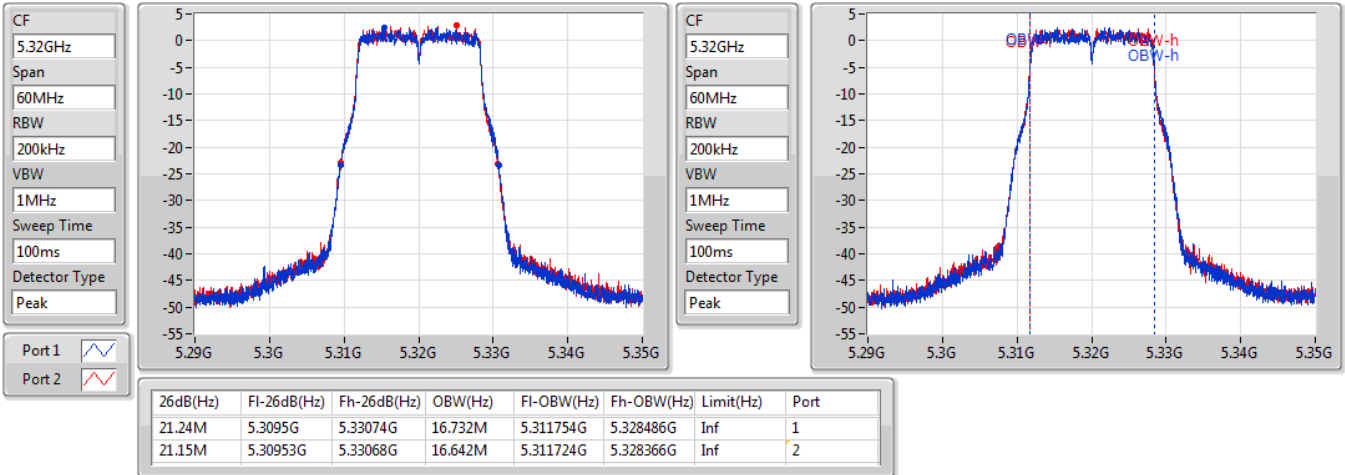


802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

14/01/2020

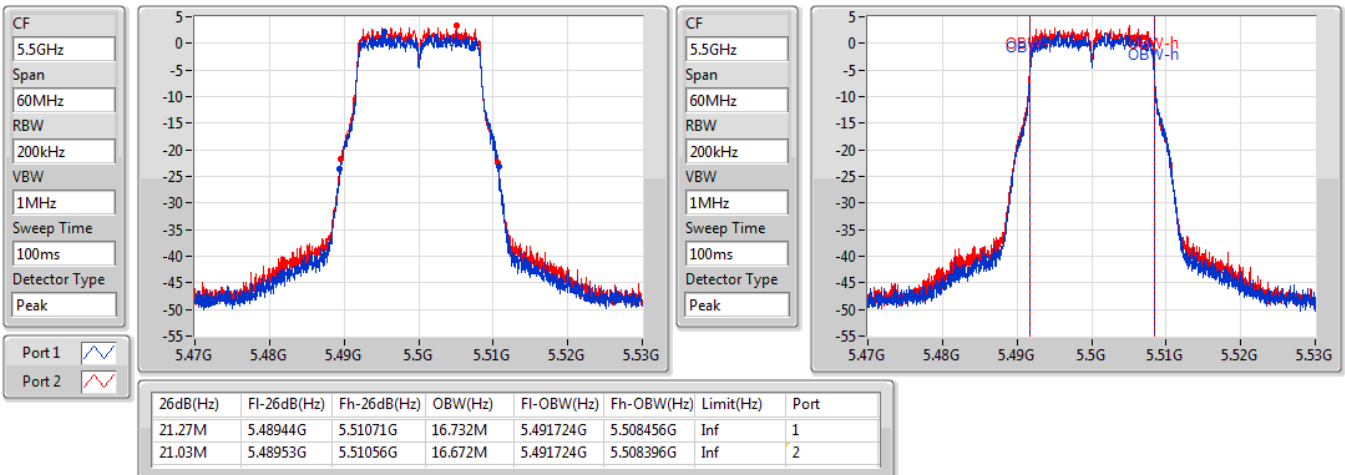


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

14/01/2020

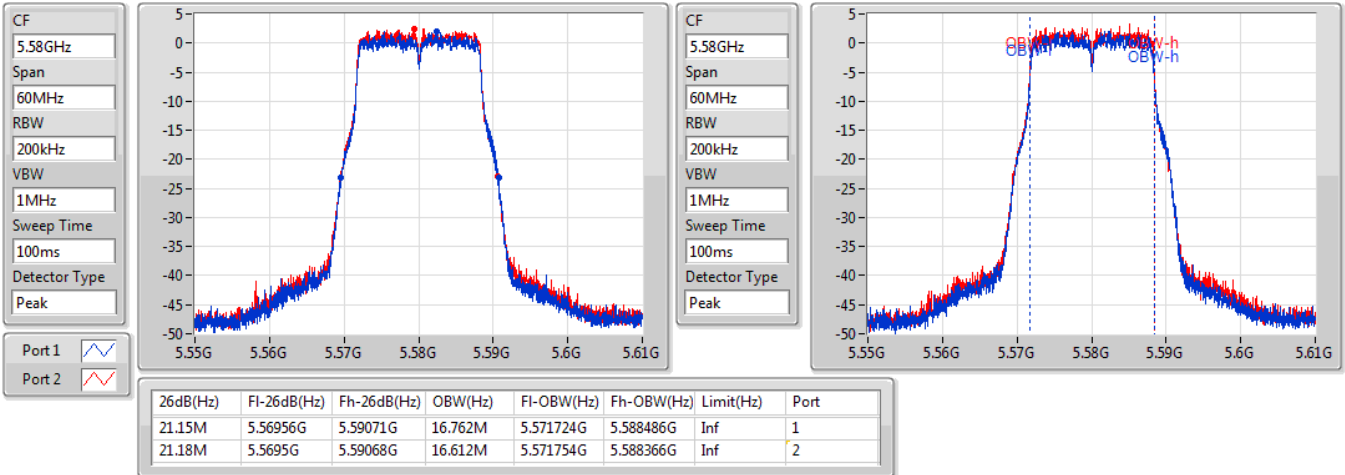


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

14/01/2020

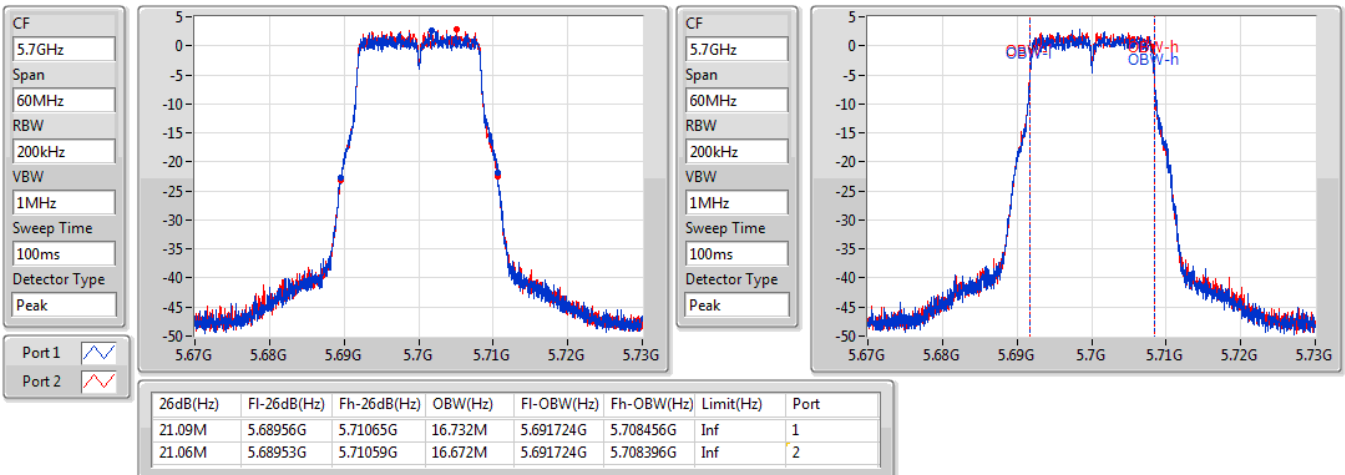


802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

14/01/2020

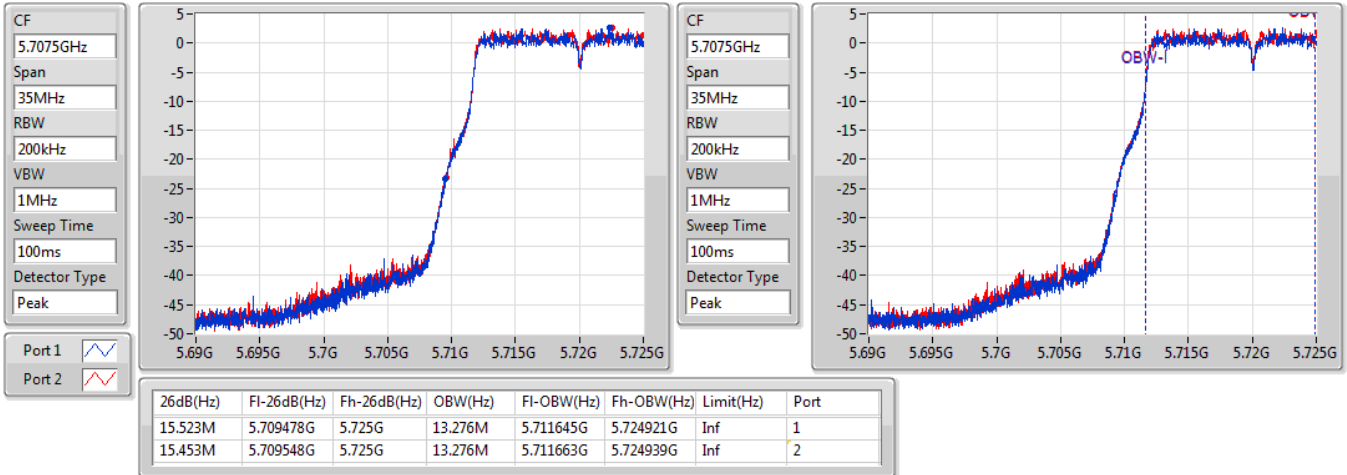


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

14/01/2020

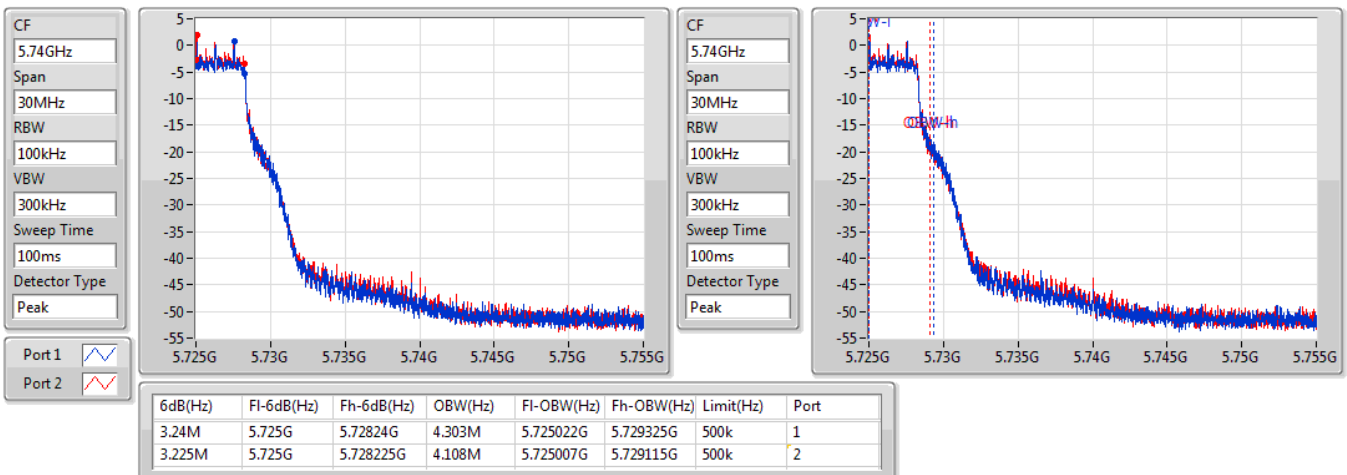


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

14/01/2020

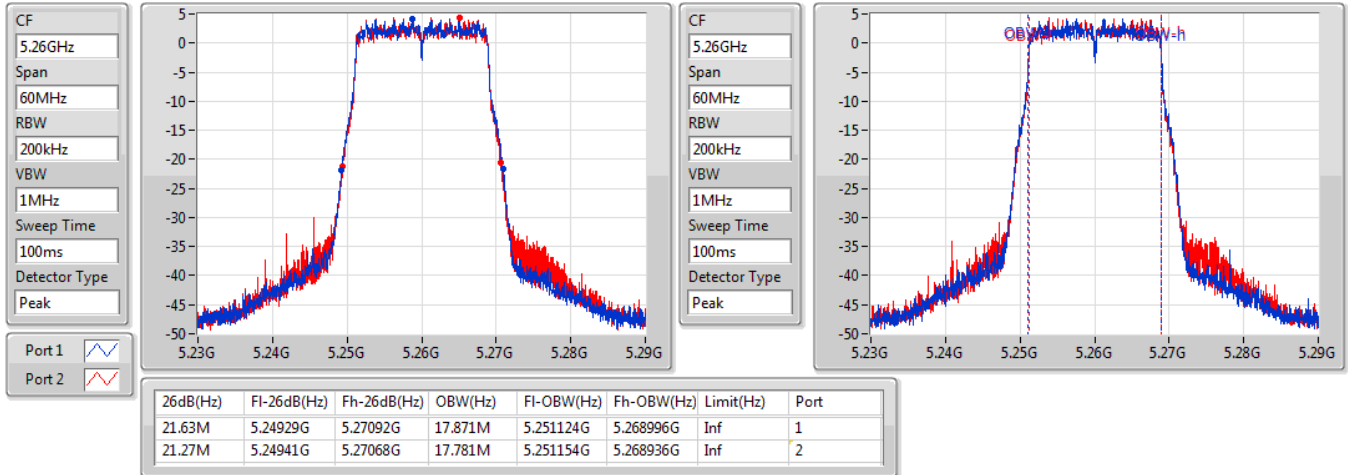


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

14/01/2020

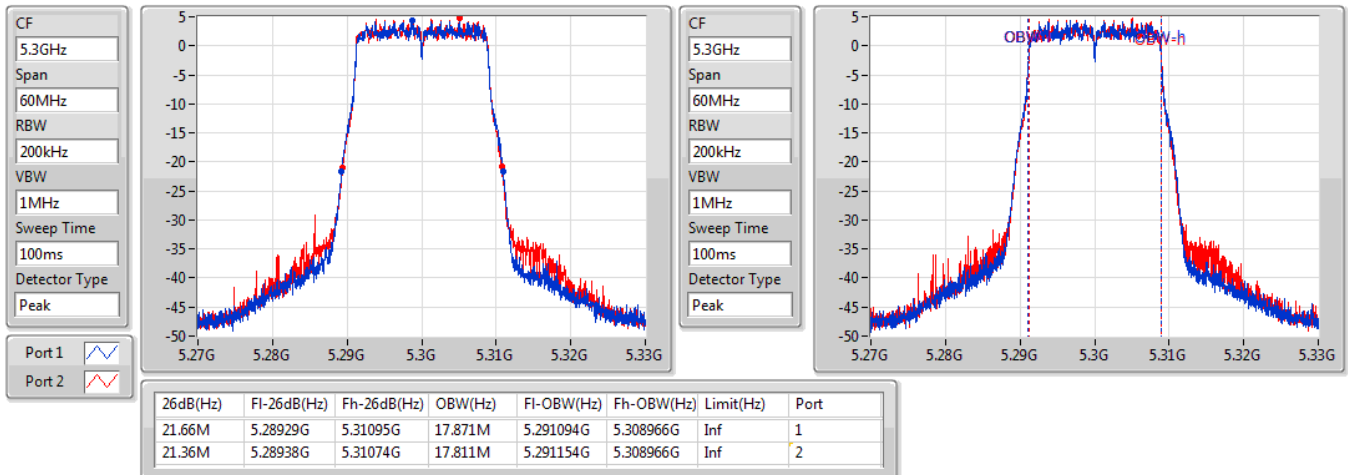


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

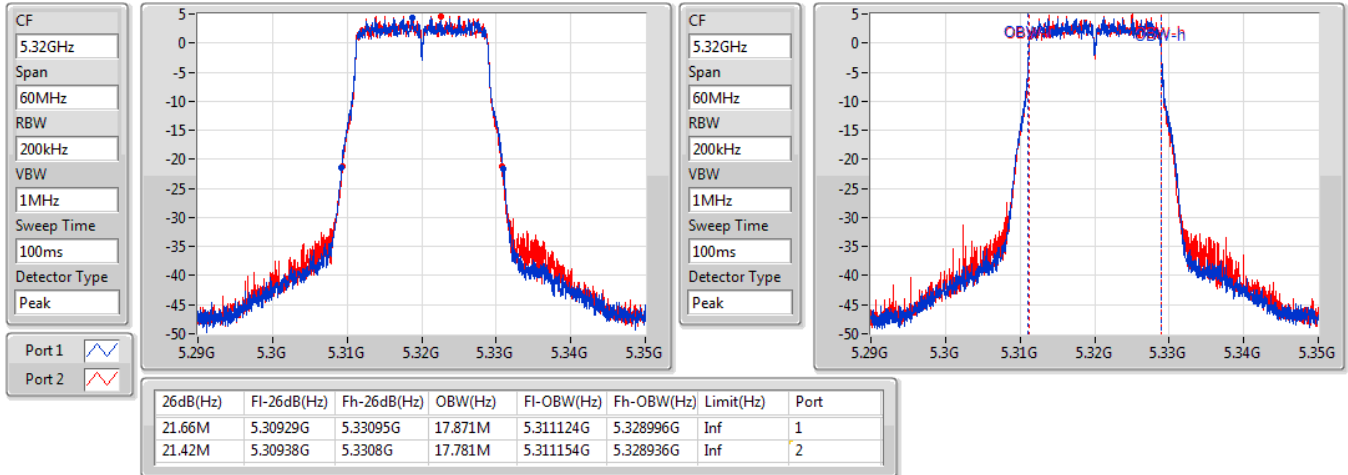
5300MHz

14/01/2020

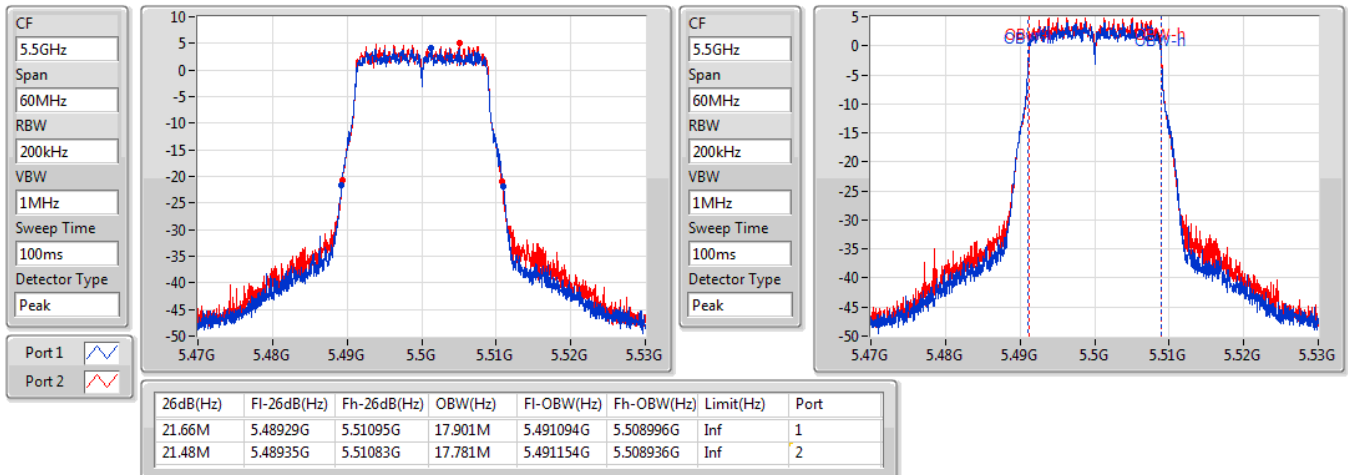


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

14/01/2020


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5500MHz

14/01/2020

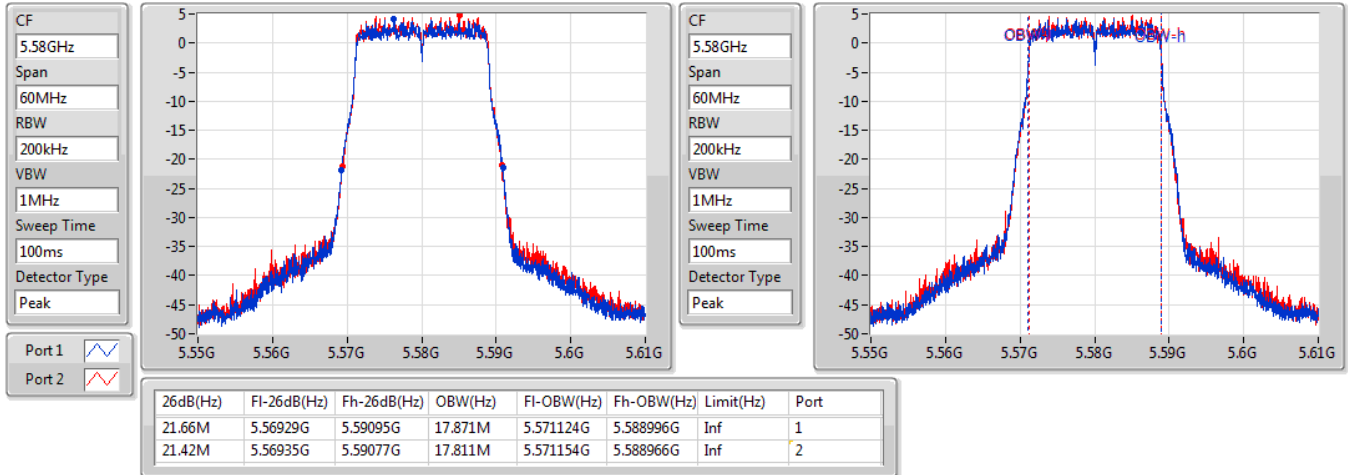


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

14/01/2020

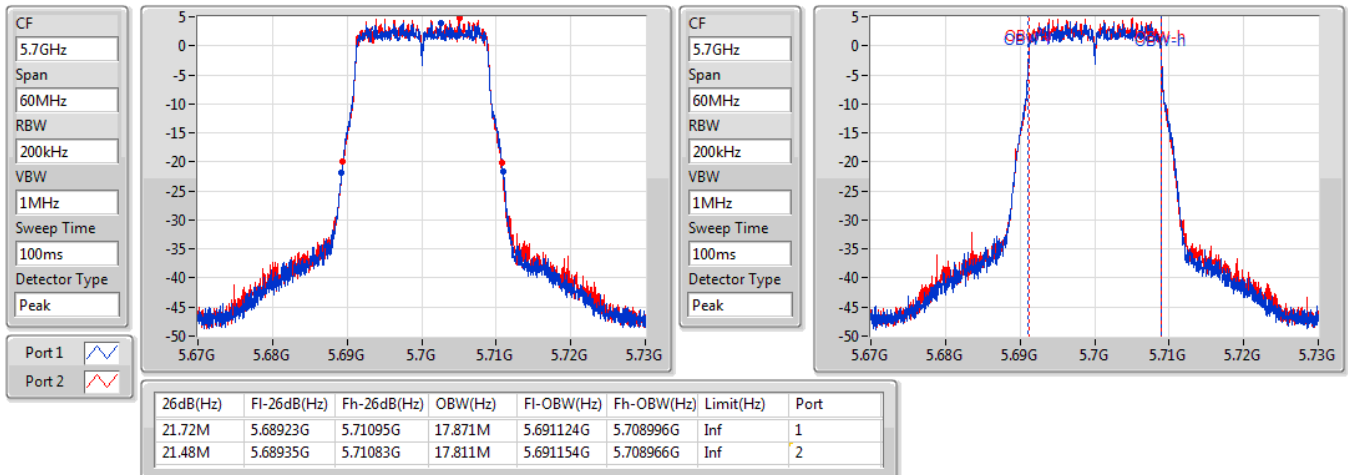


802.11ac VHT20_Nss2,(MCS0)_2TX

EBW

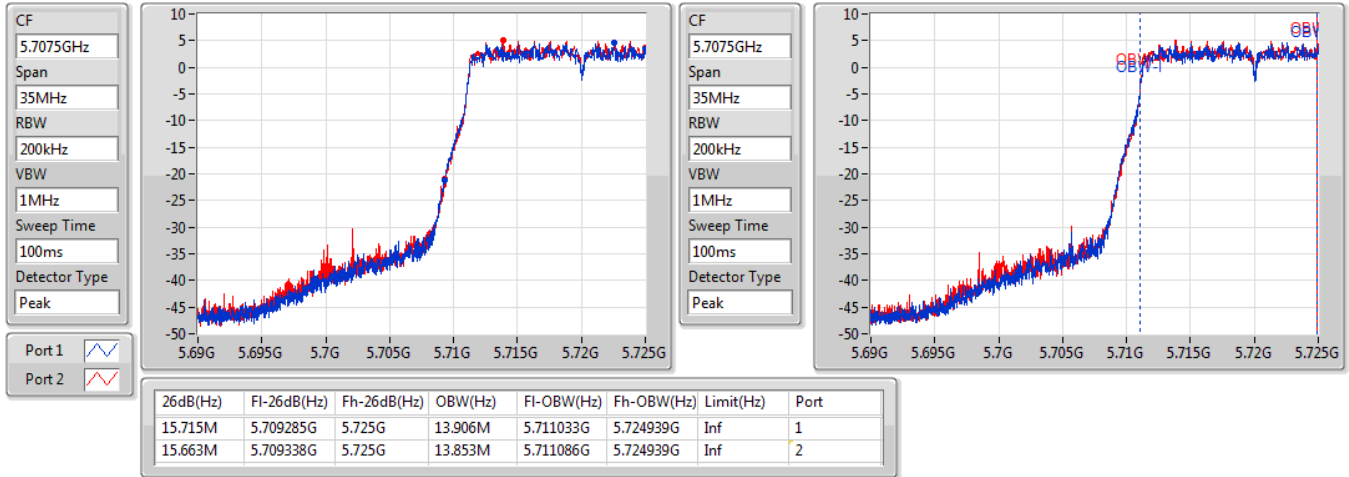
5700MHz

14/01/2020

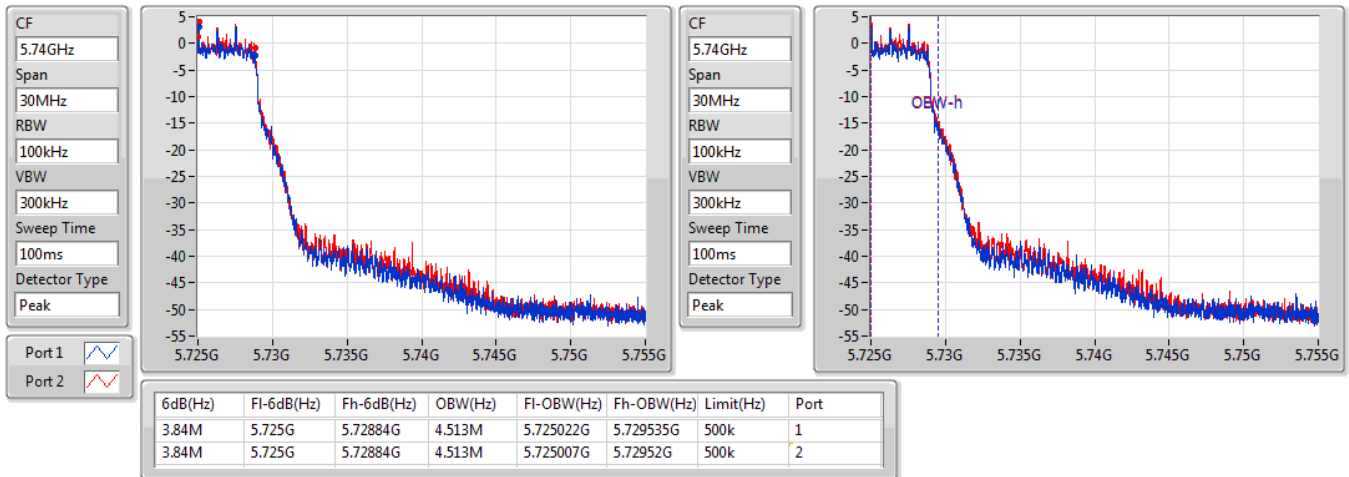


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

14/01/2020

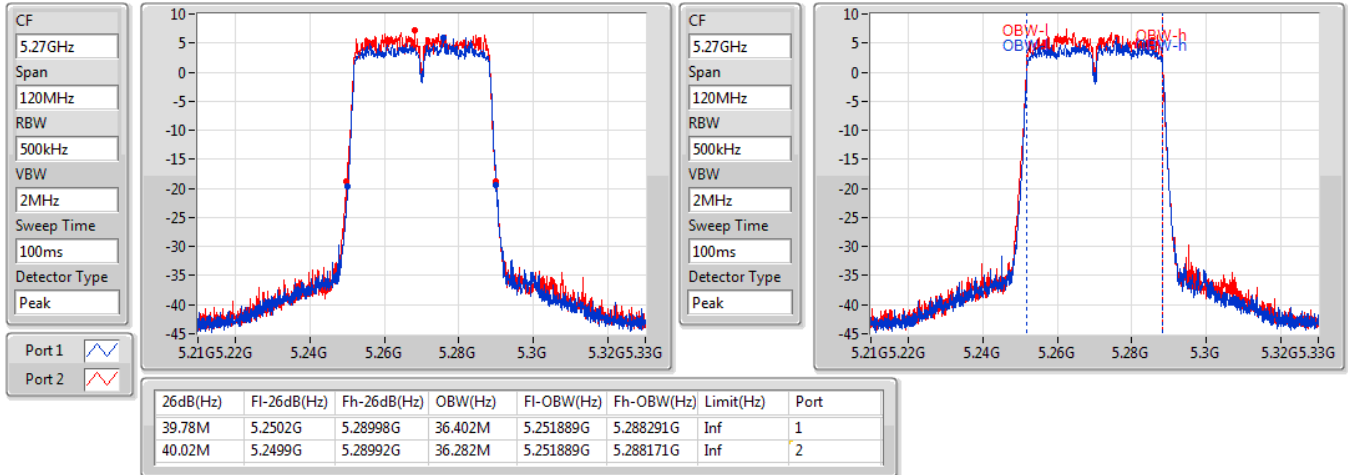

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

14/01/2020

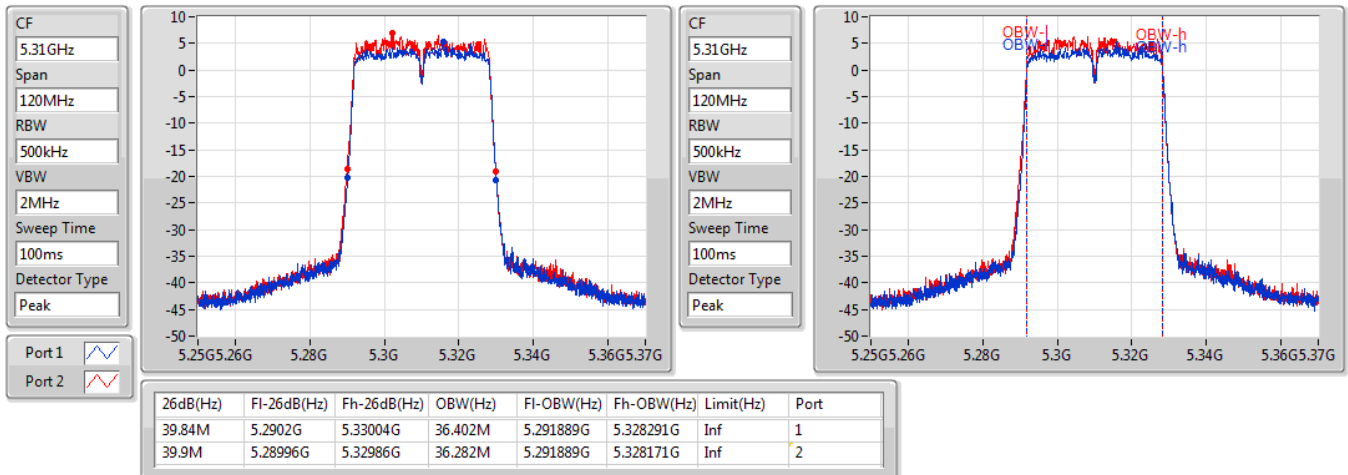


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5270MHz

14/01/2020


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5310MHz

14/01/2020

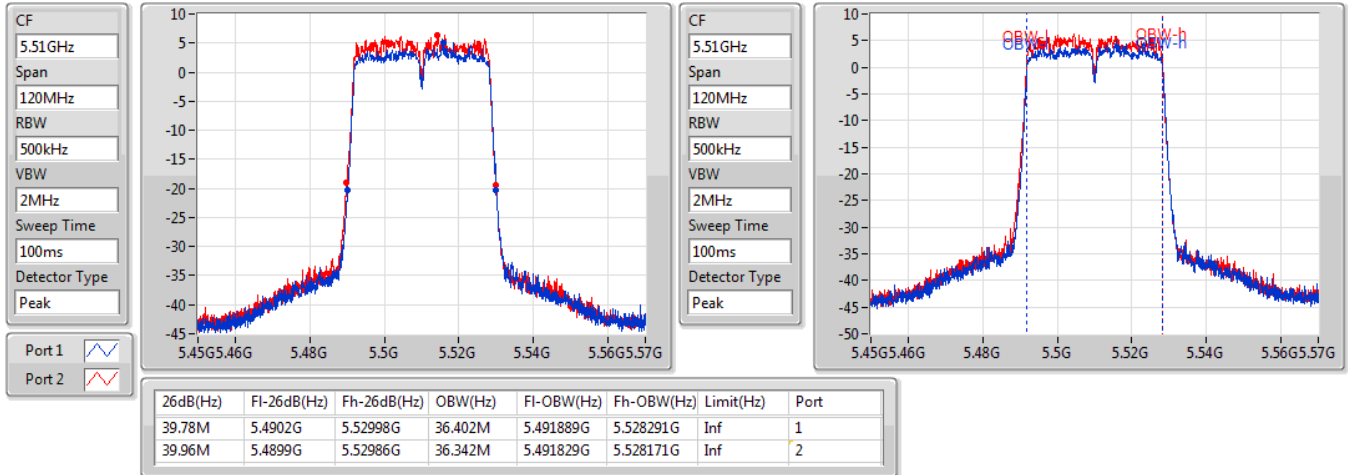


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

14/01/2020

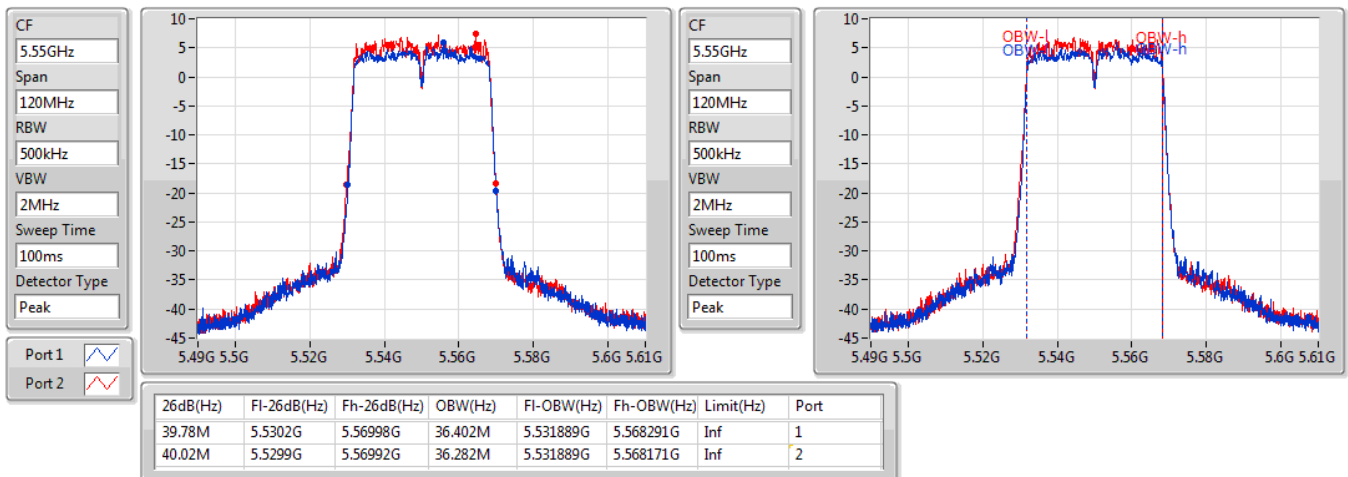


802.11ac VHT40_Nss2,(MCS0)_2TX

EBW

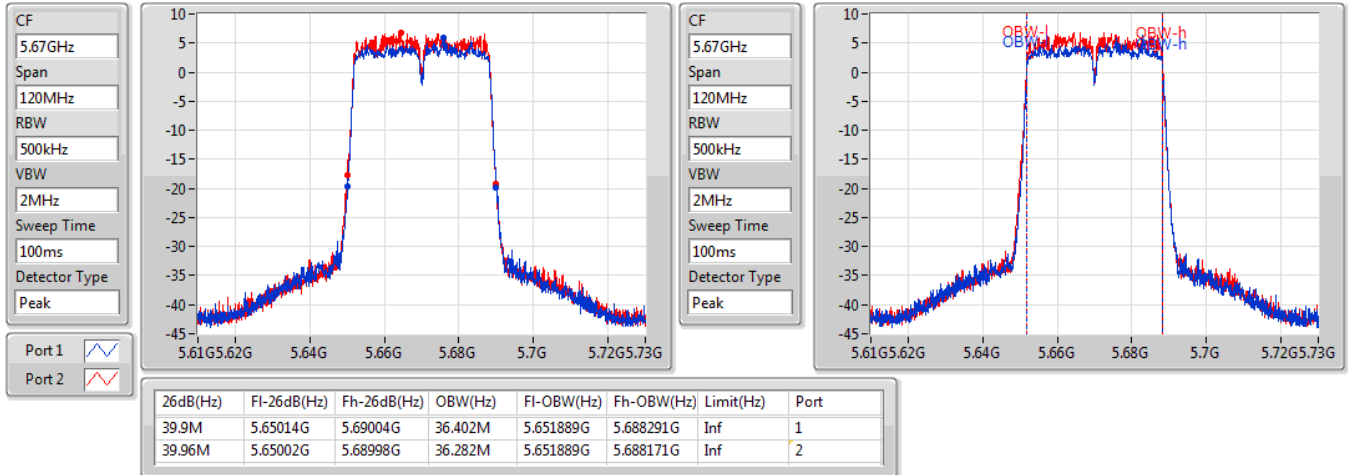
5550MHz

14/01/2020

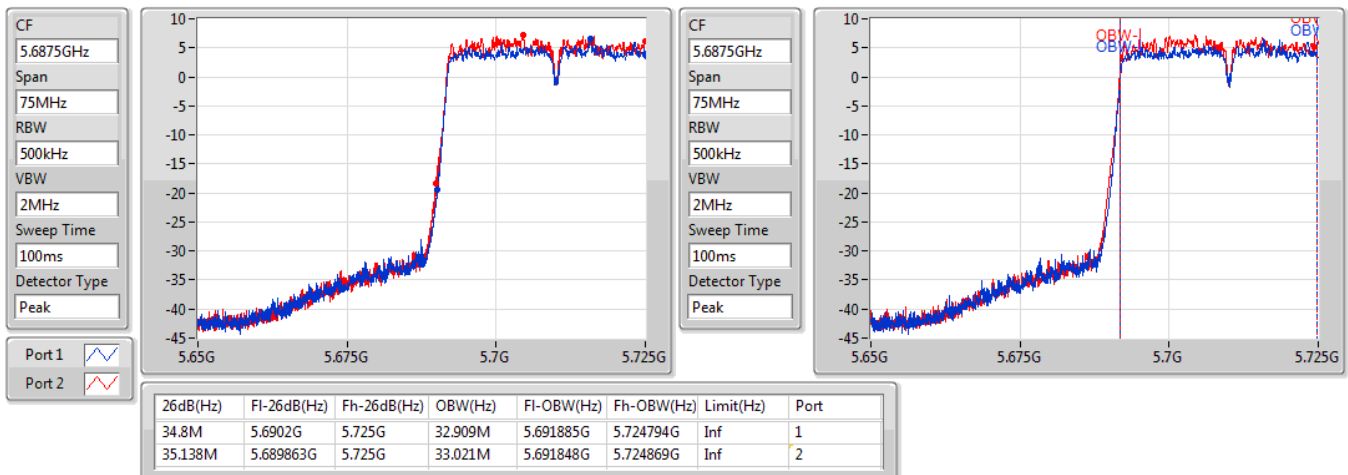


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5670MHz

14/01/2020

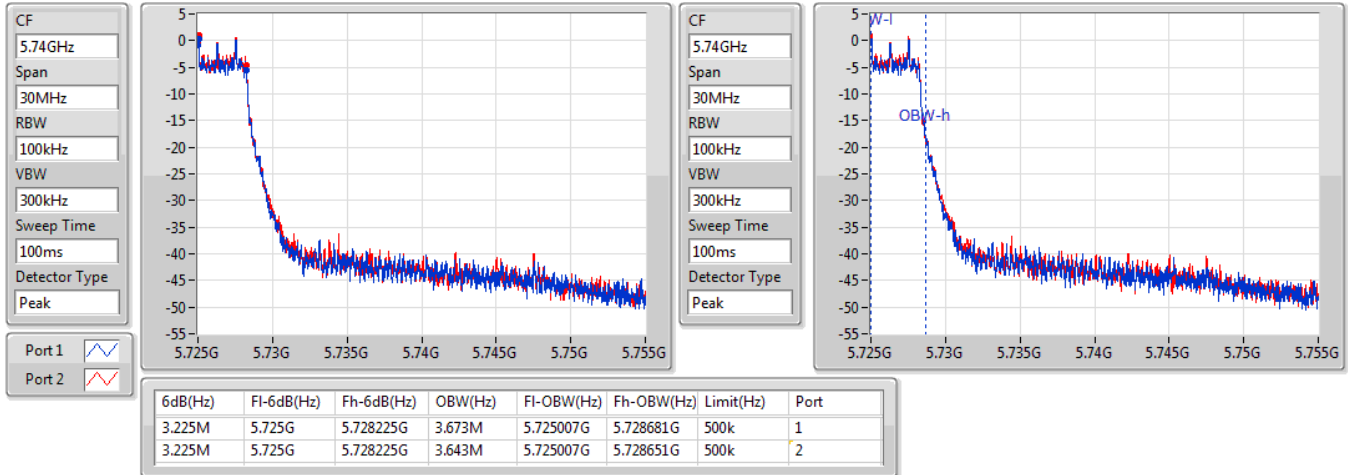

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

14/01/2020

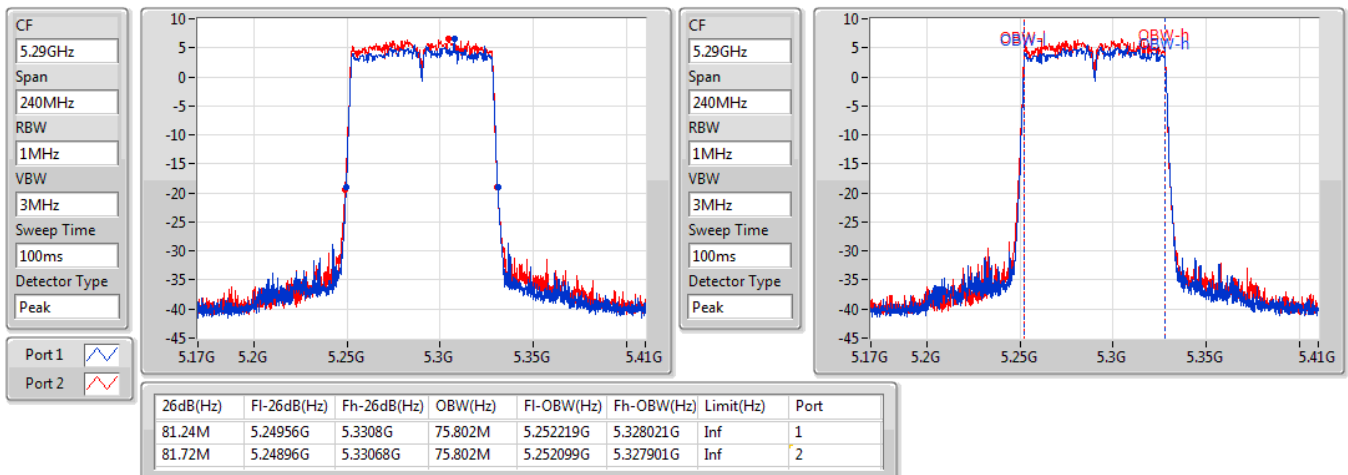


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

14/01/2020


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

14/01/2020

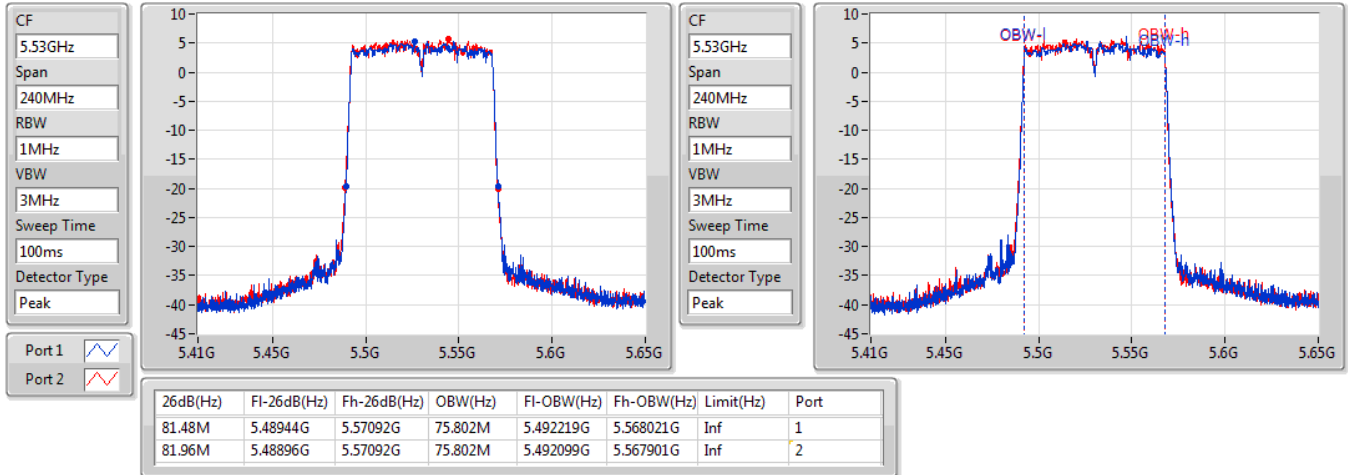


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

14/01/2020

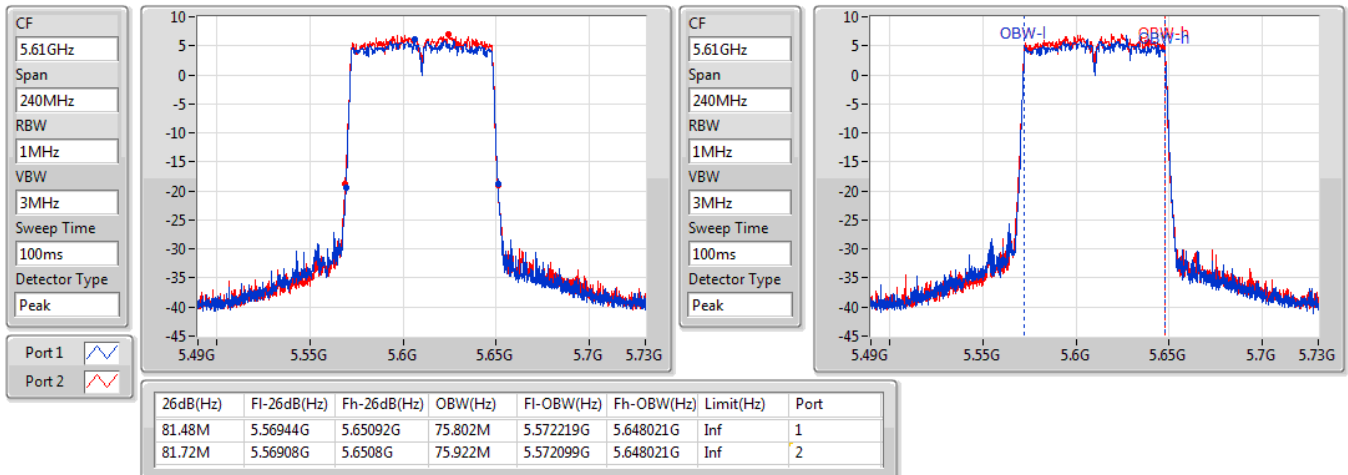


802.11ac VHT80_Nss2,(MCS0)_2TX

EBW

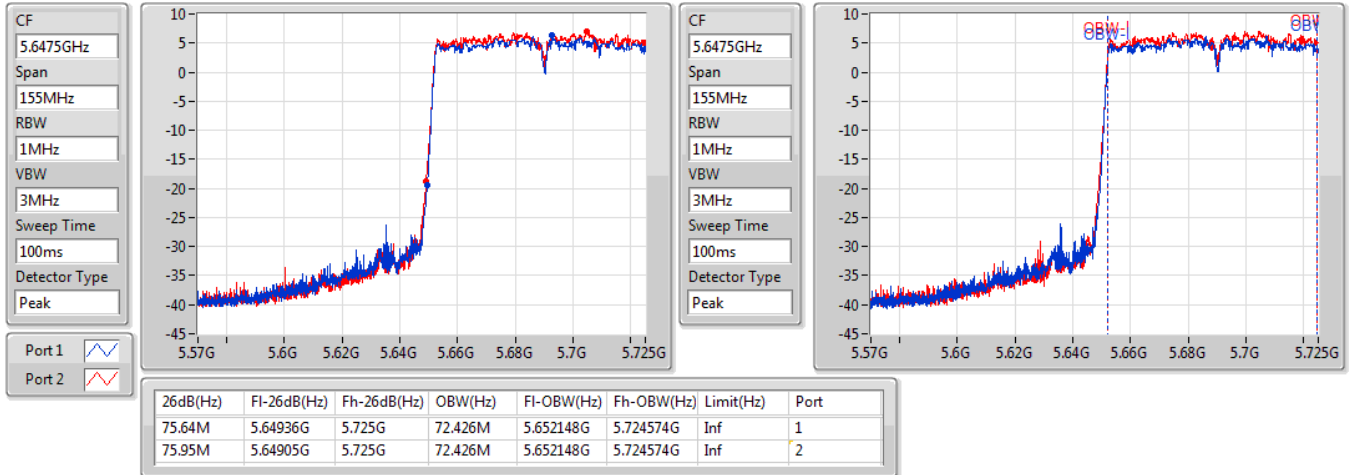
5610MHz

14/01/2020

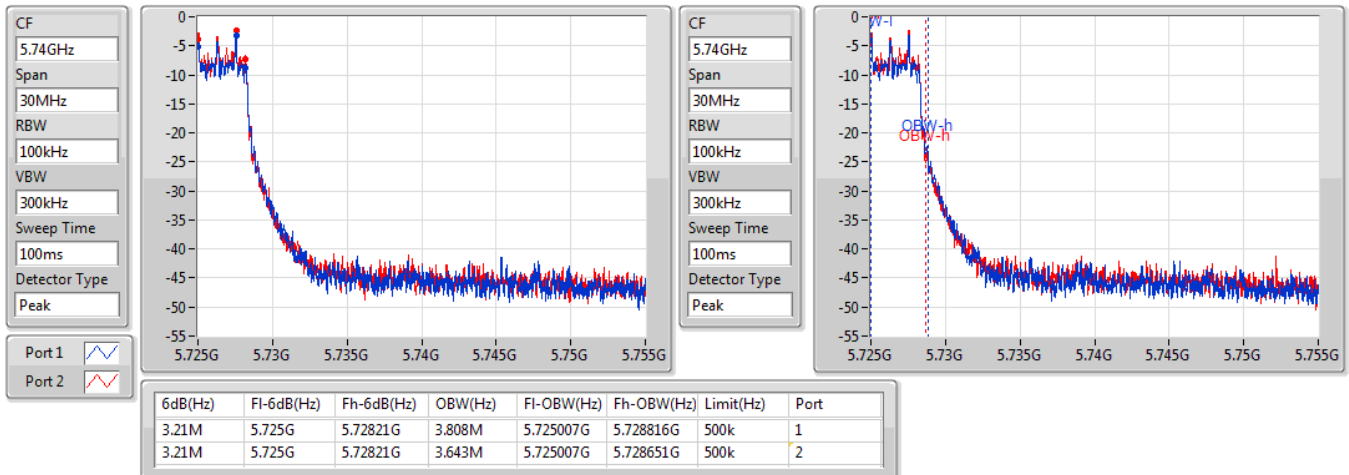


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

14/01/2020

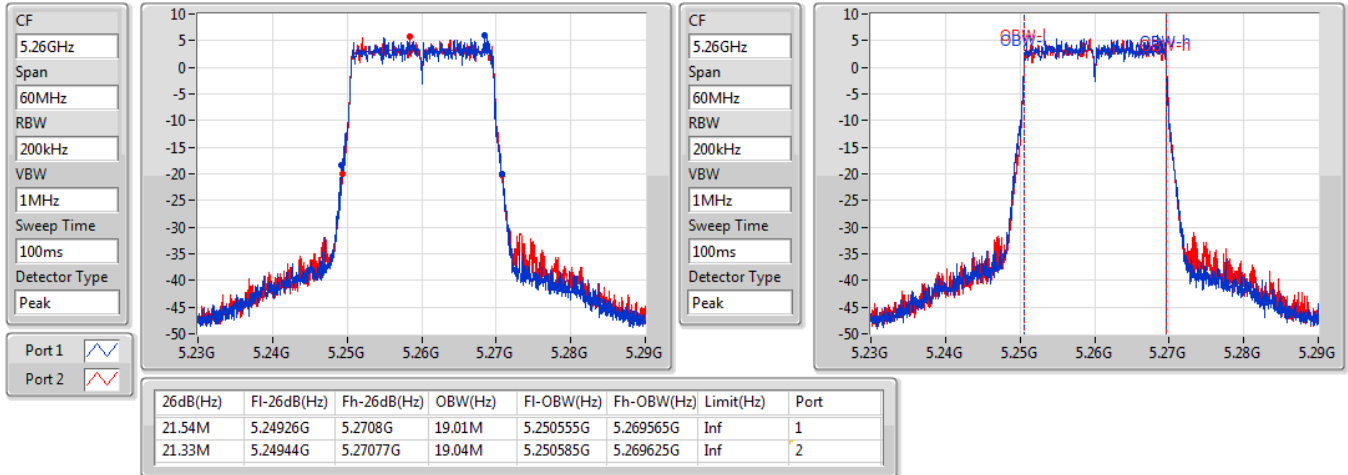

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

14/01/2020

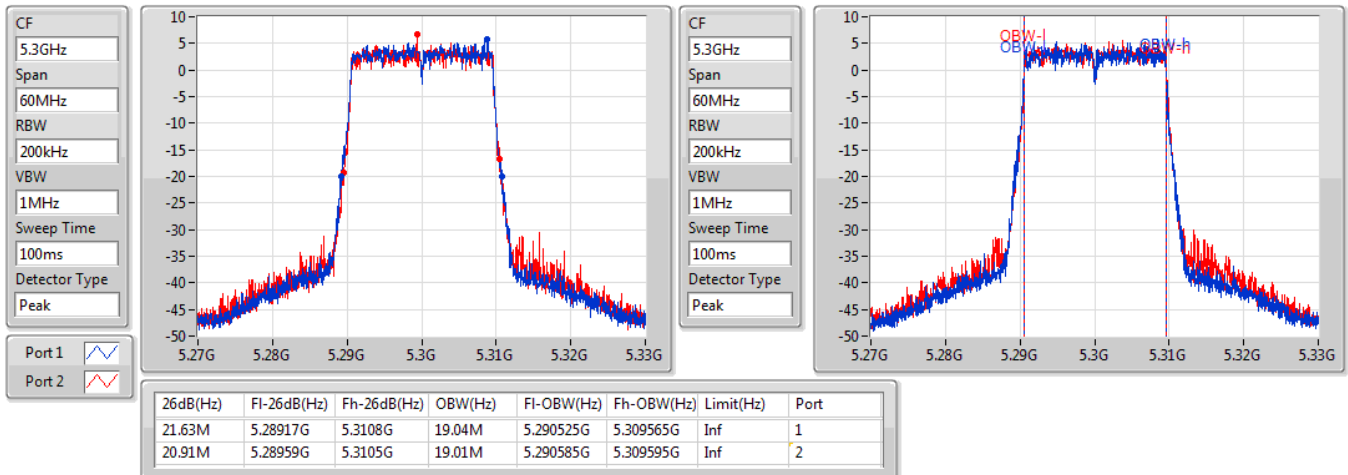


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5260MHz

14/01/2020


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5300MHz

14/01/2020

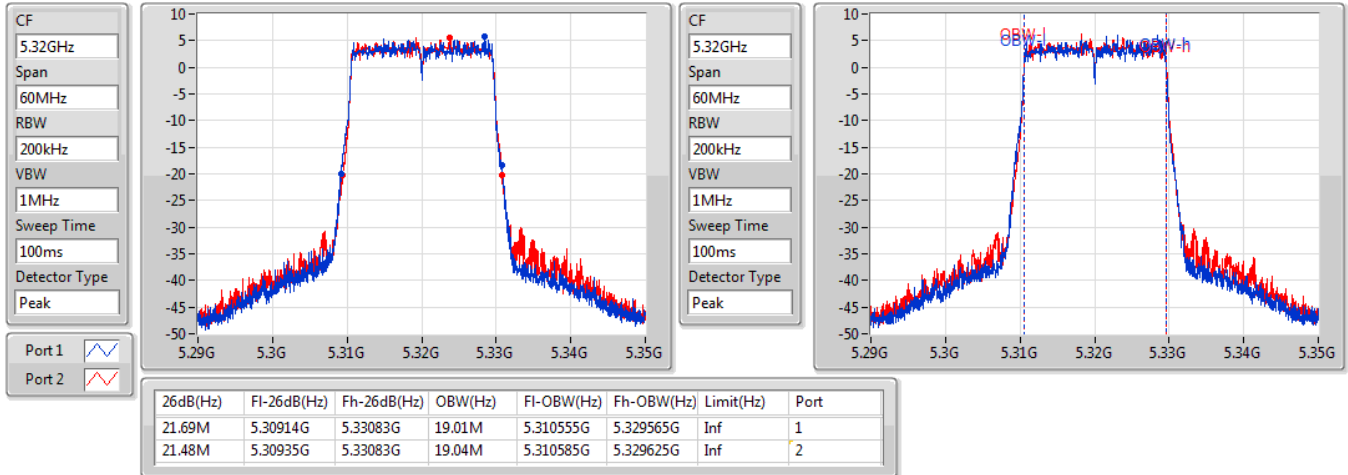


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

14/01/2020

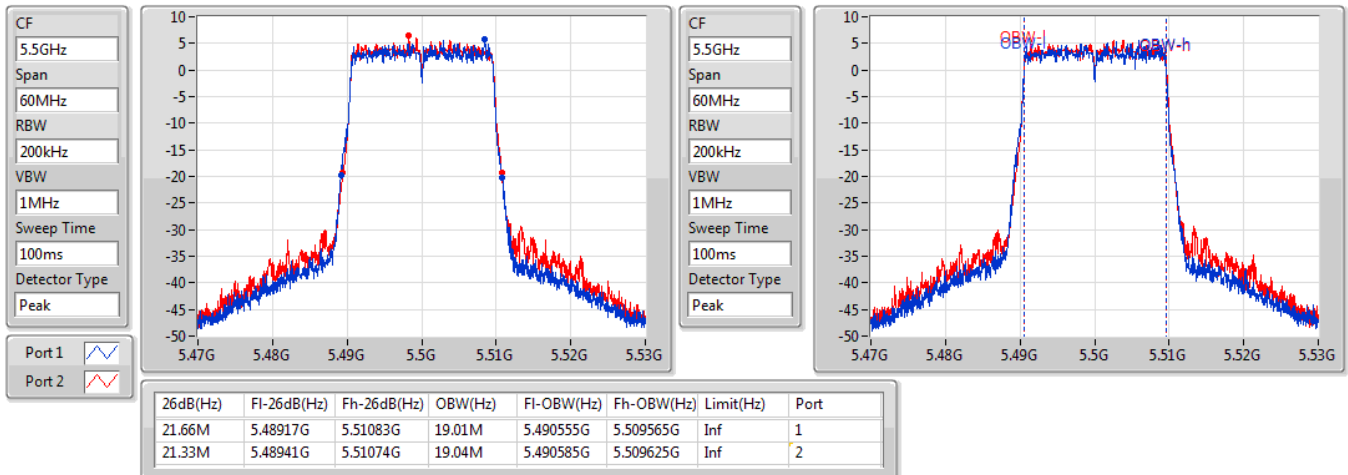


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

14/01/2020

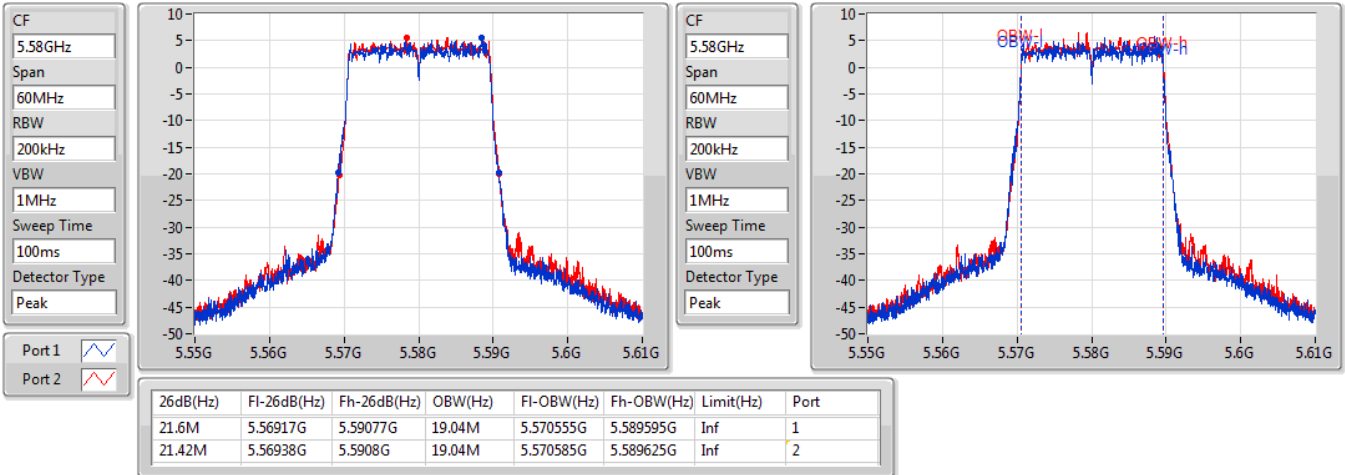


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

14/01/2020

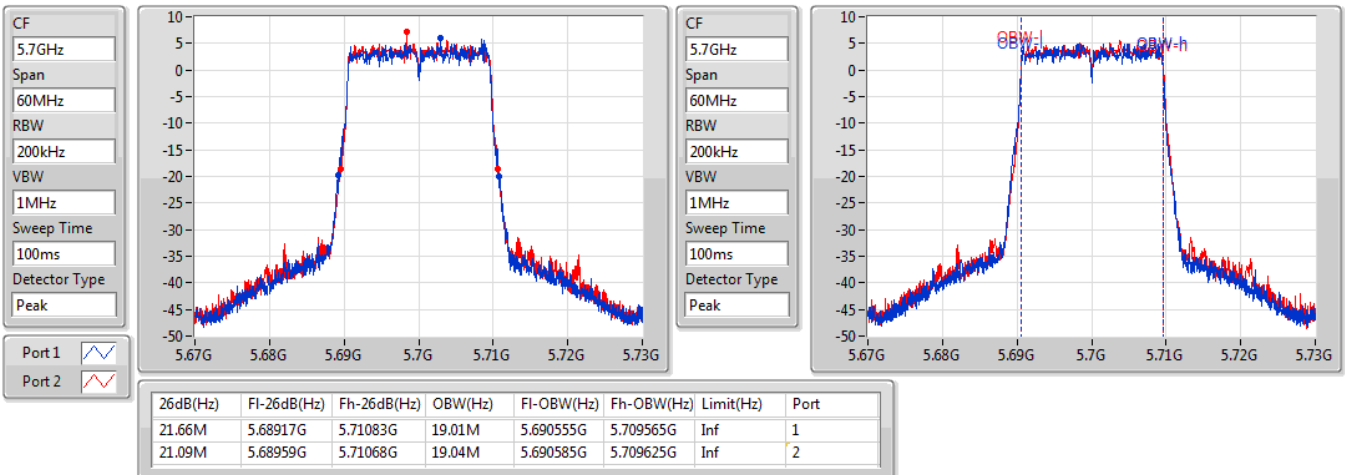


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5700MHz

14/01/2020

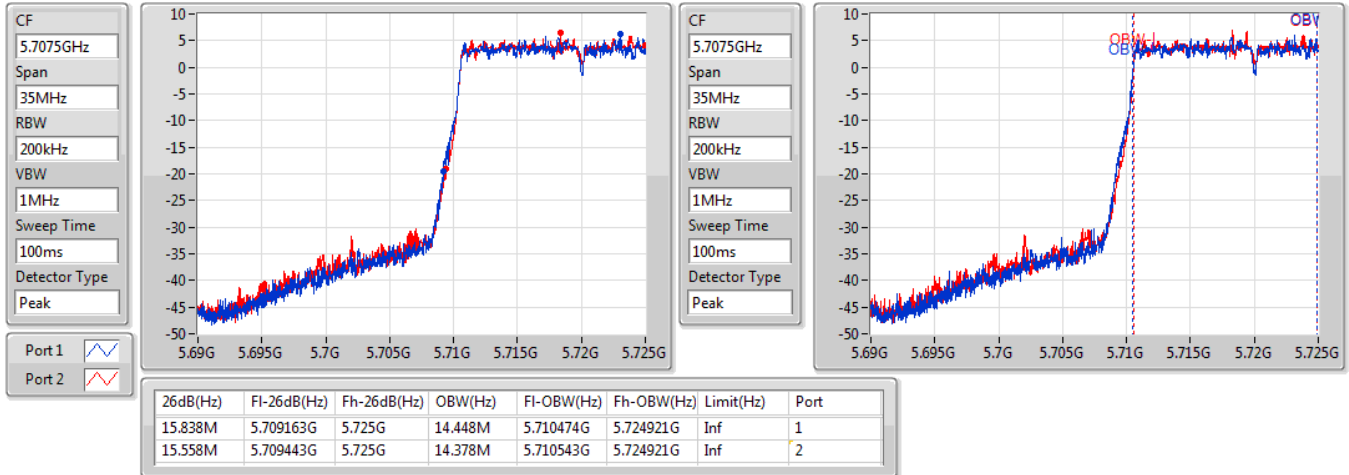


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

14/01/2020

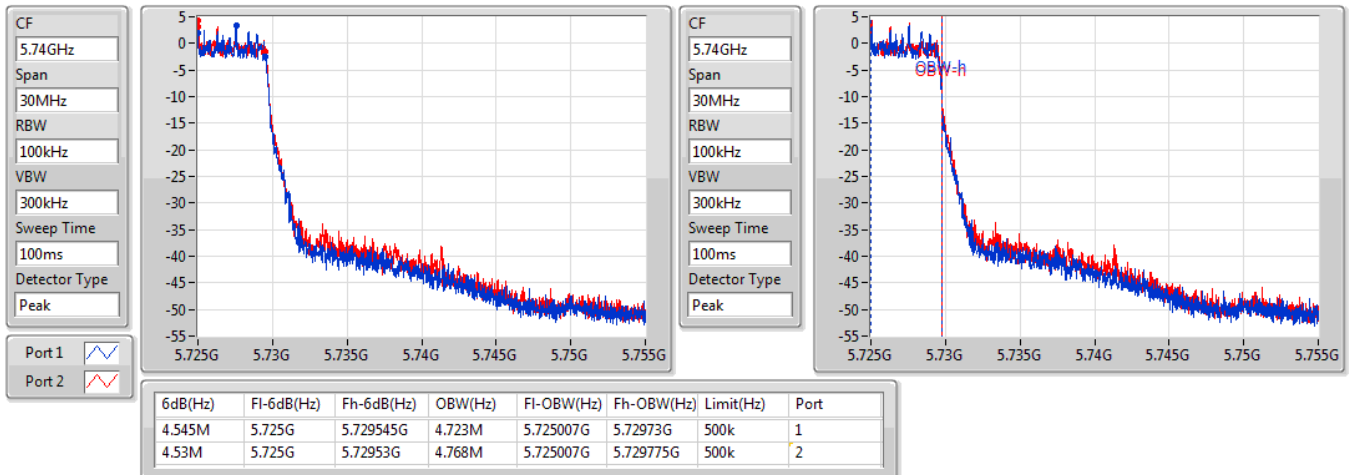


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

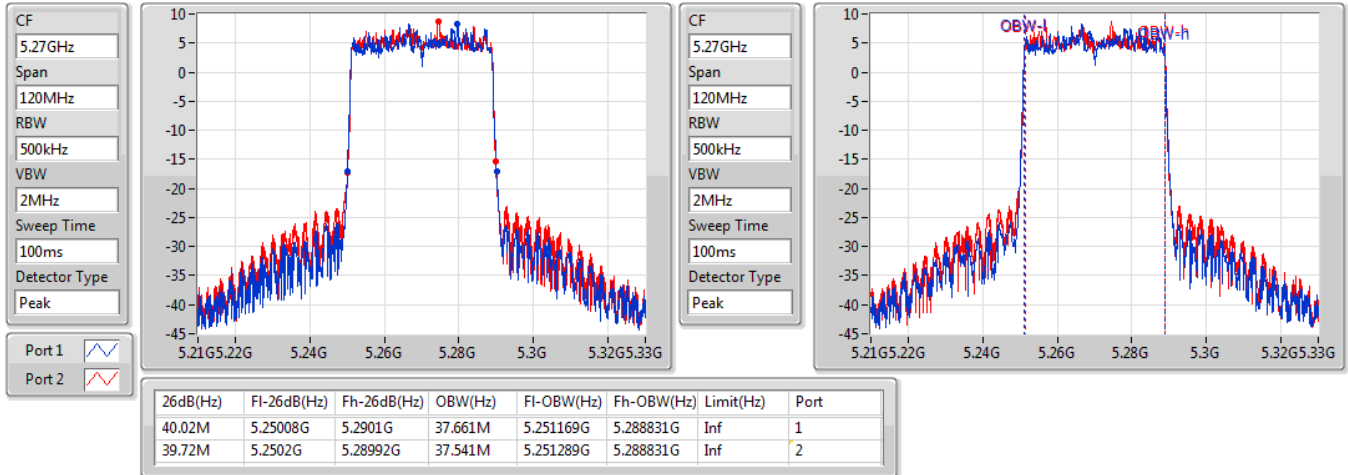
5720MHz Straddle 5.725-5.85GHz

14/01/2020

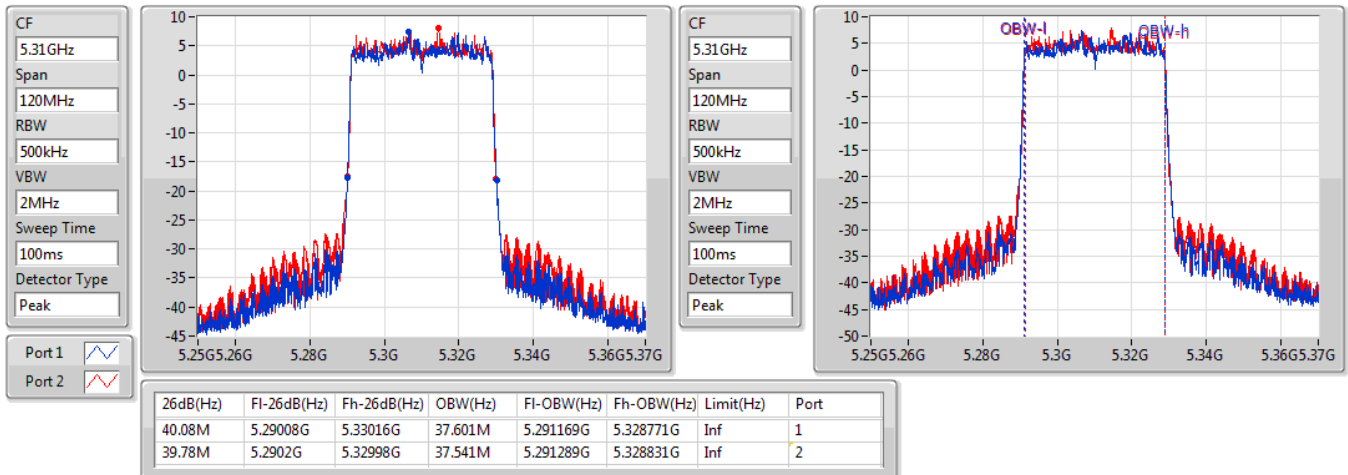


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5270MHz

14/01/2020


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5310MHz

14/01/2020

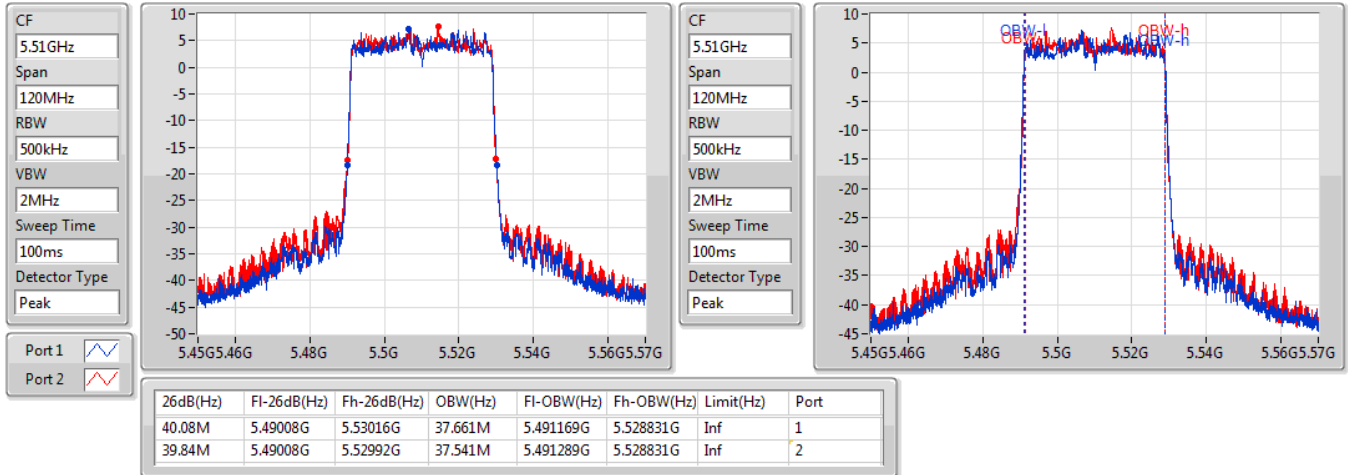


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5510MHz

14/01/2020

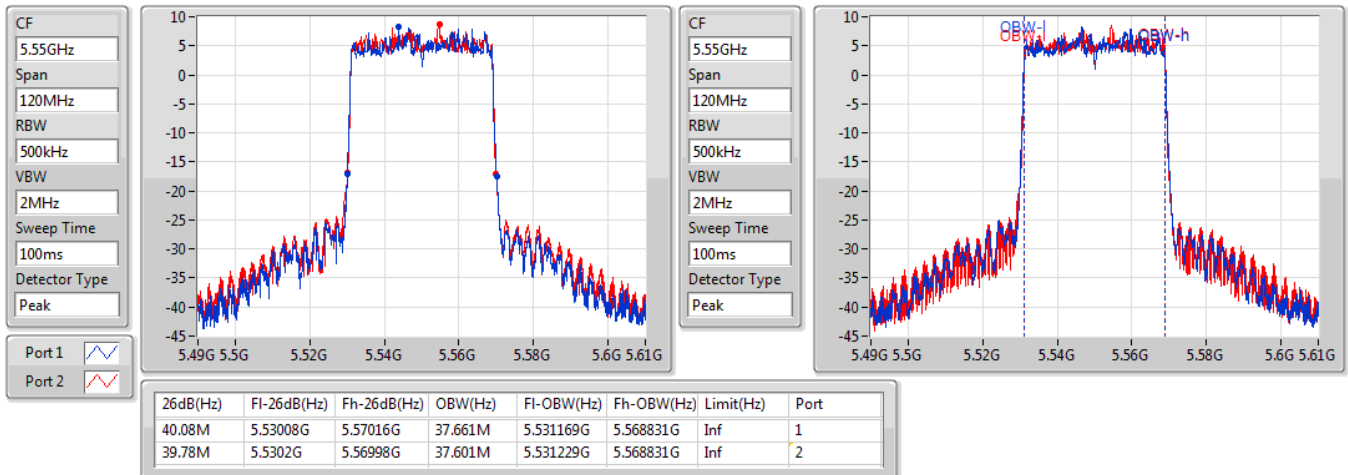


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

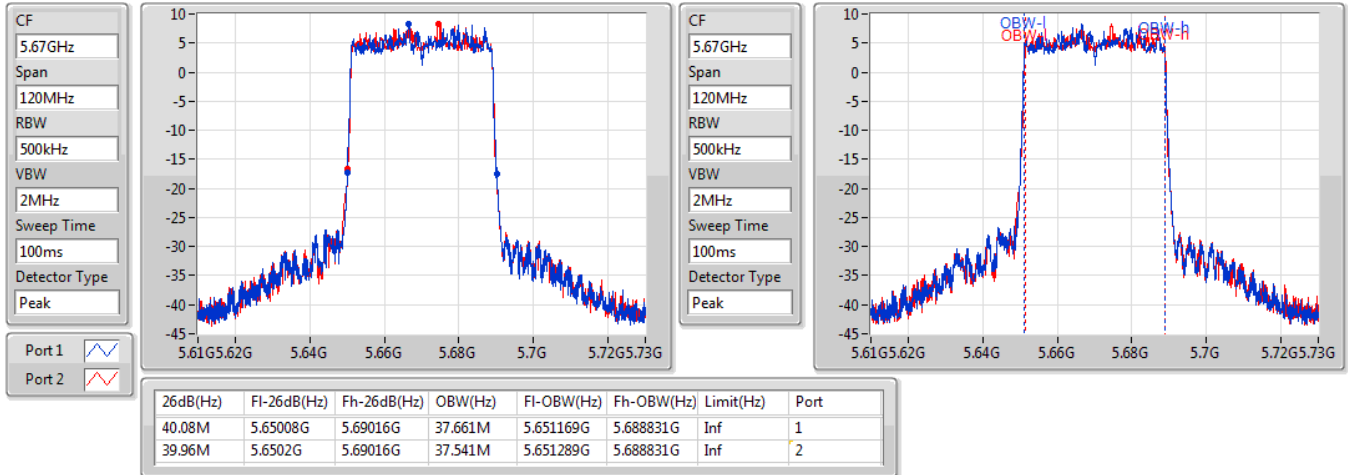
5550MHz

14/01/2020

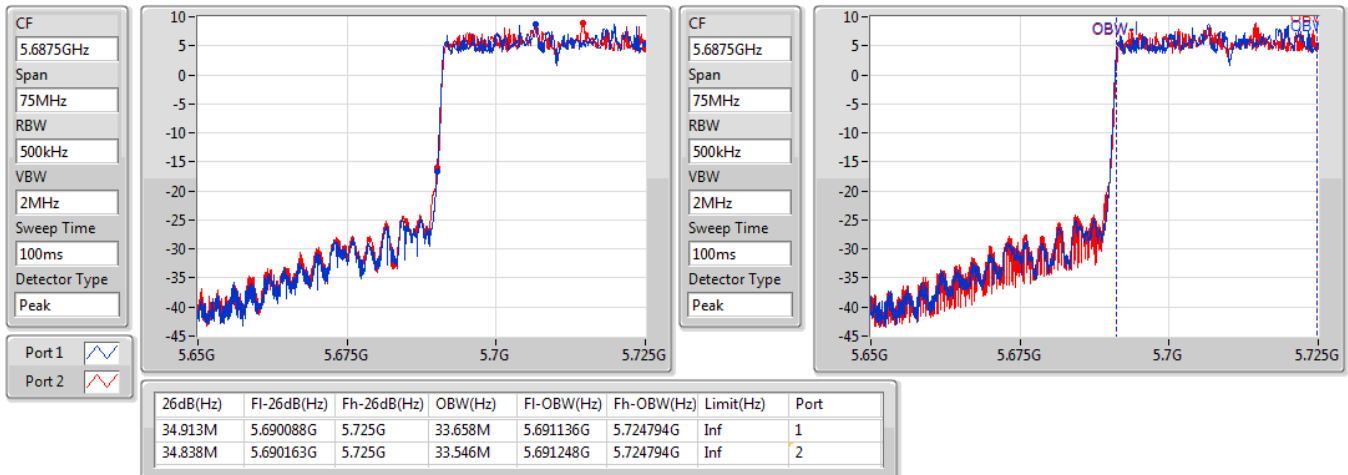


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5670MHz

14/01/2020


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

14/01/2020

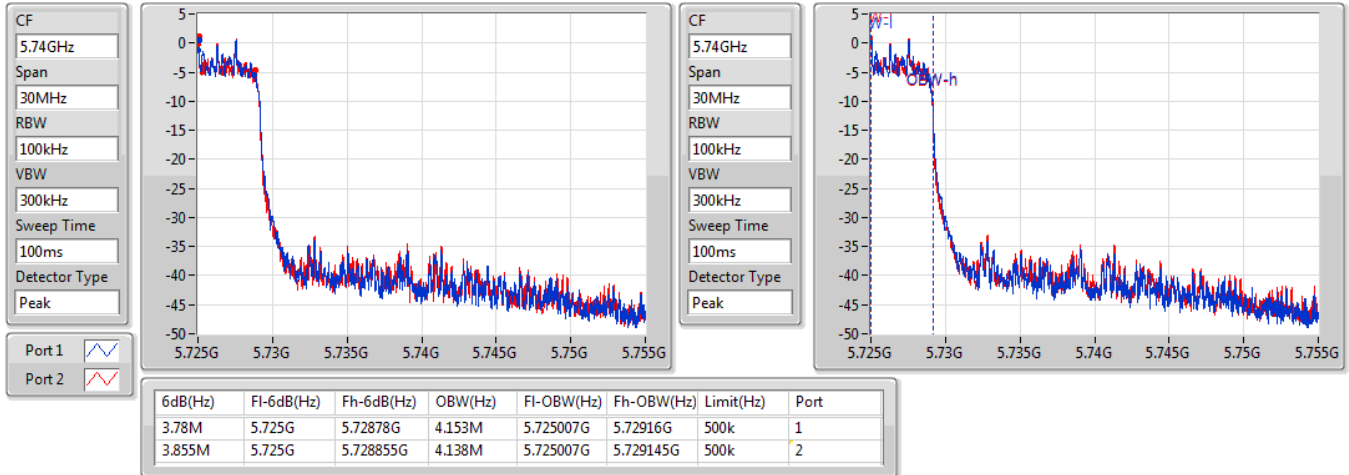


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

14/01/2020

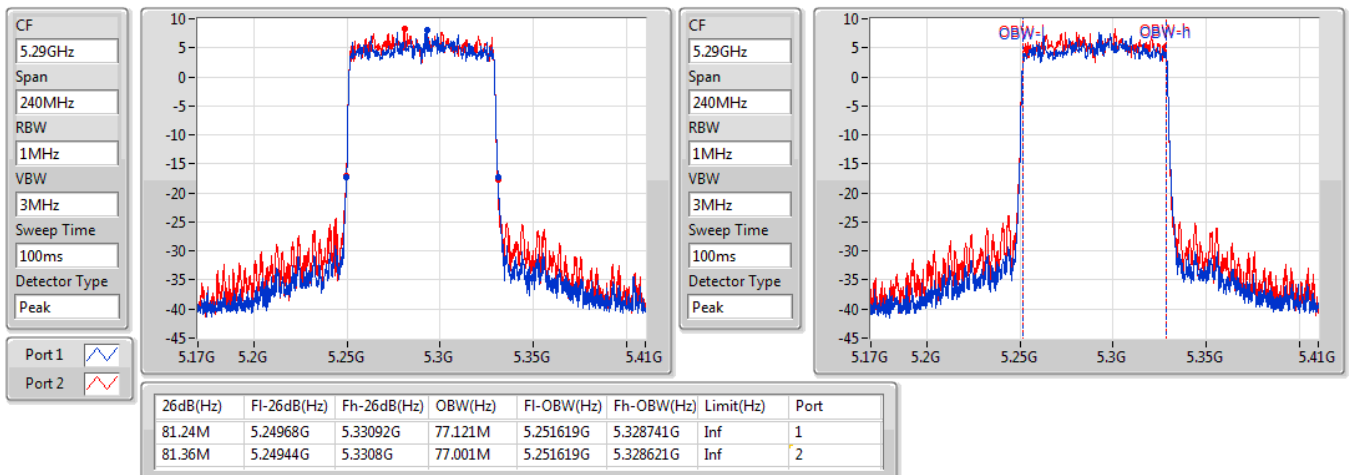


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

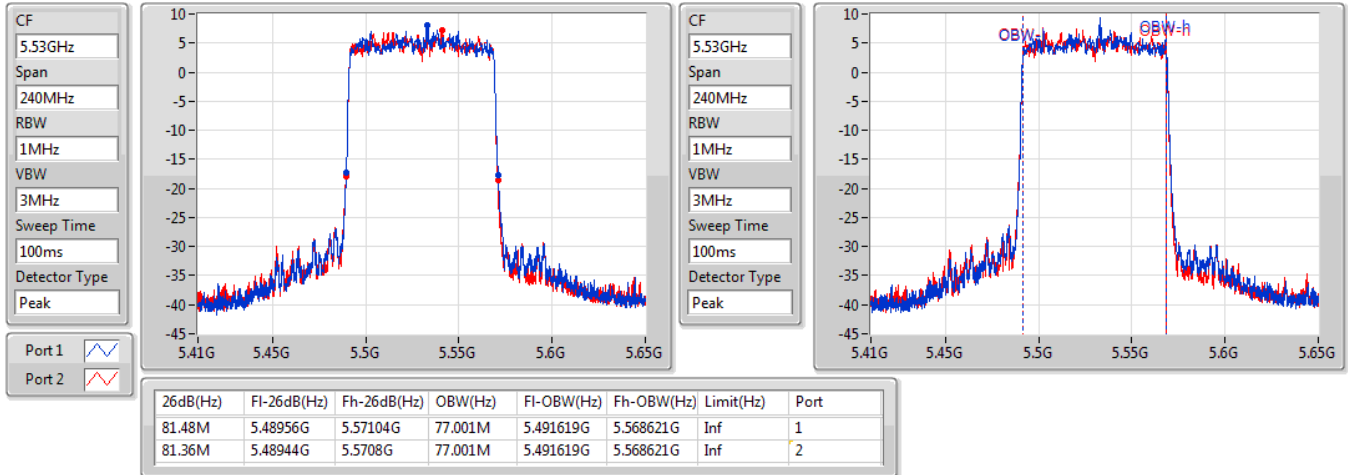
5290MHz

14/01/2020

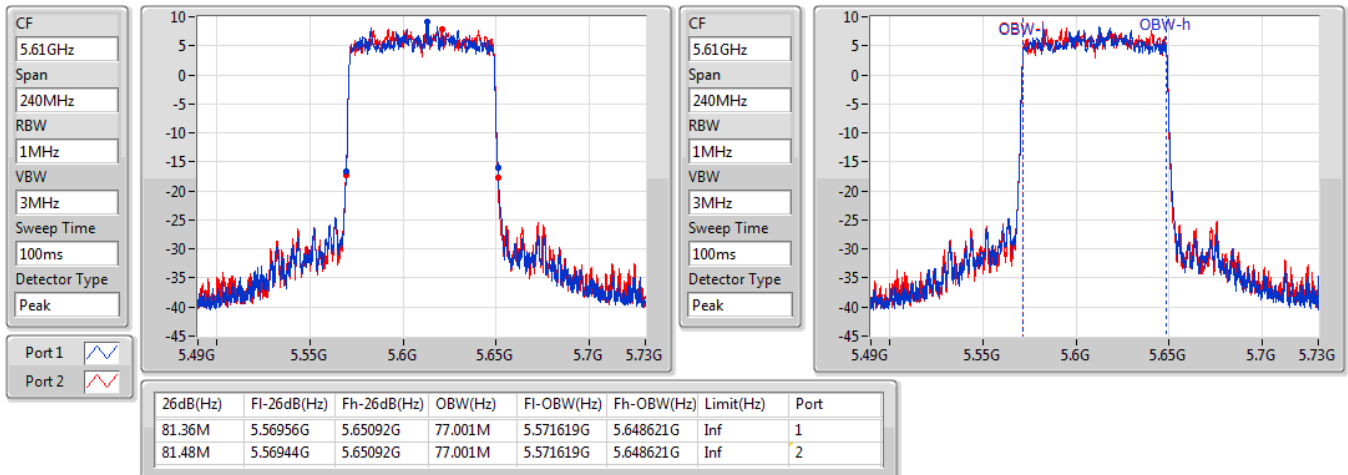


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5530MHz

14/01/2020

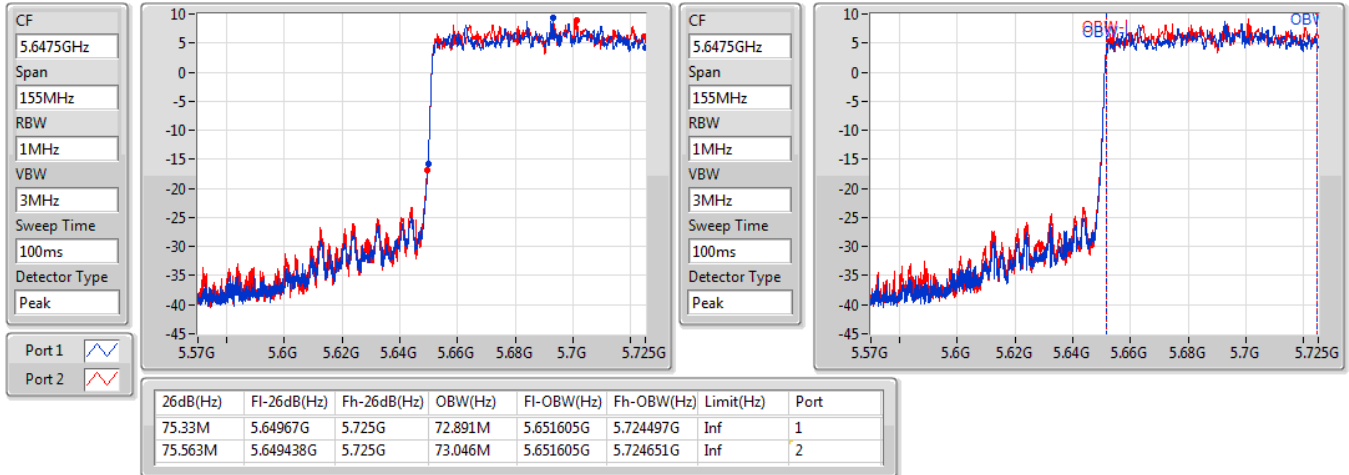

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5610MHz

14/01/2020

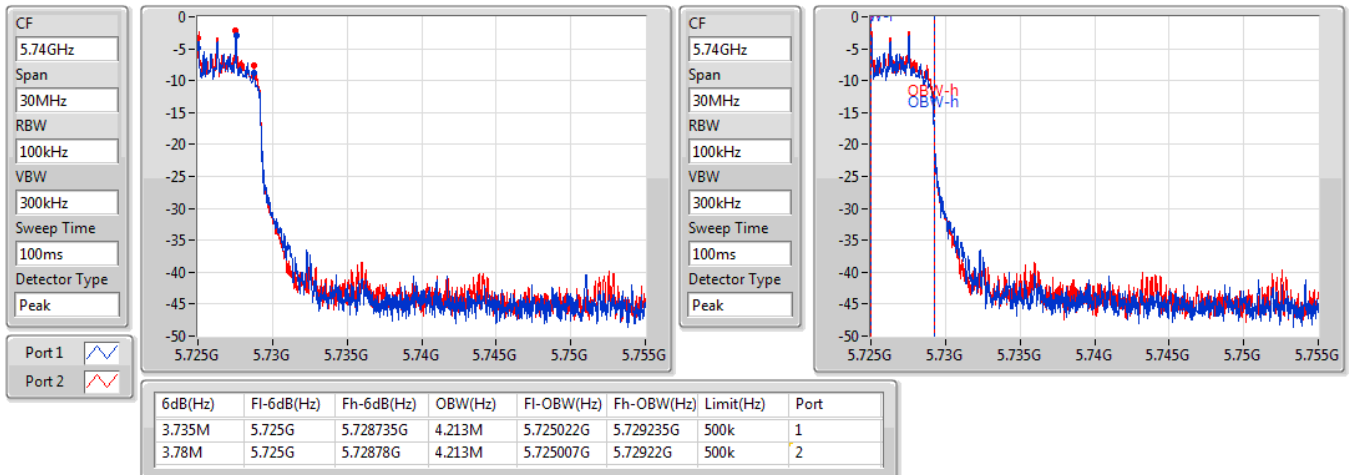


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

14/01/2020


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

14/01/2020



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.01M	17.991M	18M0D1D	22.14M	17.901M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	47.34M	36.642M	36M6D1D	40.68M	36.522M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.72M	75.922M	75M9D1D	80.52M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.65M	19.13M	19M1D1D	21.45M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	49.44M	37.721M	37M7D1D	42.9M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.48M	77.481M	77M5D1D	81.12M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.67M	17.961M	18M0D1D	15.855M	14.01M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	47.22M	36.642M	36M6D1D	35.025M	33.096M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.72M	76.162M	76M2D1D	75.33M	72.504M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.1M	19.19M	19M2D1D	15.663M	14.5M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	49.08M	37.721M	37M7D1D	38.025M	33.583M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	96.12M	77.361M	77M4D1D	75.408M	73.046M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.84M	4.723M	4M72D1D	3.825M	4.648M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.21M	4.363M	4M36D1D	3.195M	4.273M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.21M	5.532M	5M53D1D	3.18M	4.798M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.53M	4.933M	4M93D1D	4.515M	4.888M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.005M	6.207M	6M21D1D	3.915M	5.502M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.93M	8.786M	8M79D1D	3.81M	6.297M

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)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.62M	17.931M	22.62M	17.991M
5300MHz	Pass	Inf	22.14M	17.901M	22.62M	17.991M
5320MHz	Pass	Inf	22.44M	17.961M	23.01M	17.901M
5500MHz	Pass	Inf	22.83M	17.961M	23.67M	17.961M
5580MHz	Pass	Inf	22.11M	17.961M	22.86M	17.931M
5700MHz	Pass	Inf	22.26M	17.961M	22.2M	17.931M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	14.045M	16.135M	14.01M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	4.723M	3.825M	4.648M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	47.34M	36.582M	42M	36.642M
5310MHz	Pass	Inf	42.18M	36.522M	40.68M	36.522M
5510MHz	Pass	Inf	40.2M	36.462M	39.48M	36.402M
5550MHz	Pass	Inf	42.36M	36.522M	47.22M	36.642M
5670MHz	Pass	Inf	42.24M	36.582M	43.98M	36.462M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.325M	33.133M	35.025M	33.096M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.21M	4.273M	3.195M	4.363M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	80.52M	75.922M	81.72M	75.922M
5530MHz	Pass	Inf	81M	75.682M	81.12M	75.802M
5610MHz	Pass	Inf	81.12M	75.922M	81.72M	76.162M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.795M	72.504M	75.33M	72.659M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.21M	4.798M	3.18M	5.532M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	19.1M	22.65M	19.04M
5300MHz	Pass	Inf	21.48M	19.1M	22.29M	19.13M
5320MHz	Pass	Inf	21.72M	19.1M	21.66M	19.13M
5500MHz	Pass	Inf	22.35M	19.13M	22.17M	19.16M
5580MHz	Pass	Inf	22.32M	19.19M	23.1M	19.16M
5700MHz	Pass	Inf	22.2M	19.07M	21.66M	19.16M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.82M	14.5M	15.663M	14.518M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.515M	4.933M	4.53M	4.888M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	49.44M	37.721M	47.64M	37.661M
5310MHz	Pass	Inf	42.9M	37.601M	44.52M	37.601M
5510MHz	Pass	Inf	40.14M	37.661M	40.02M	37.541M
5550MHz	Pass	Inf	46.5M	37.661M	49.08M	37.661M
5670MHz	Pass	Inf	44.76M	37.721M	44.58M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	38.025M	33.621M	38.1M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.005M	6.207M	3.915M	5.502M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.12M	77.241M	81.48M	77.481M
5530MHz	Pass	Inf	81.12M	77.241M	81.48M	76.882M
5610MHz	Pass	Inf	81.12M	77.241M	96.12M	77.361M



EBW_Beamforming_Sample 1_Radio 1_2T1S

Appendix A.13

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.493M	73.046M	75.408M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.93M	6.297M	3.81M	8.786M

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

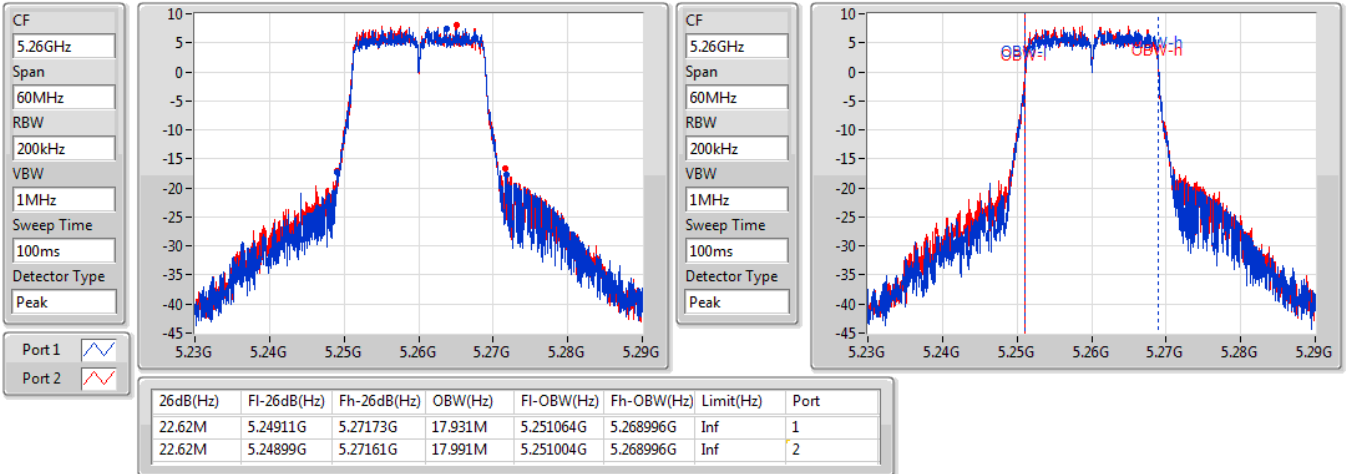
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

15/01/2020

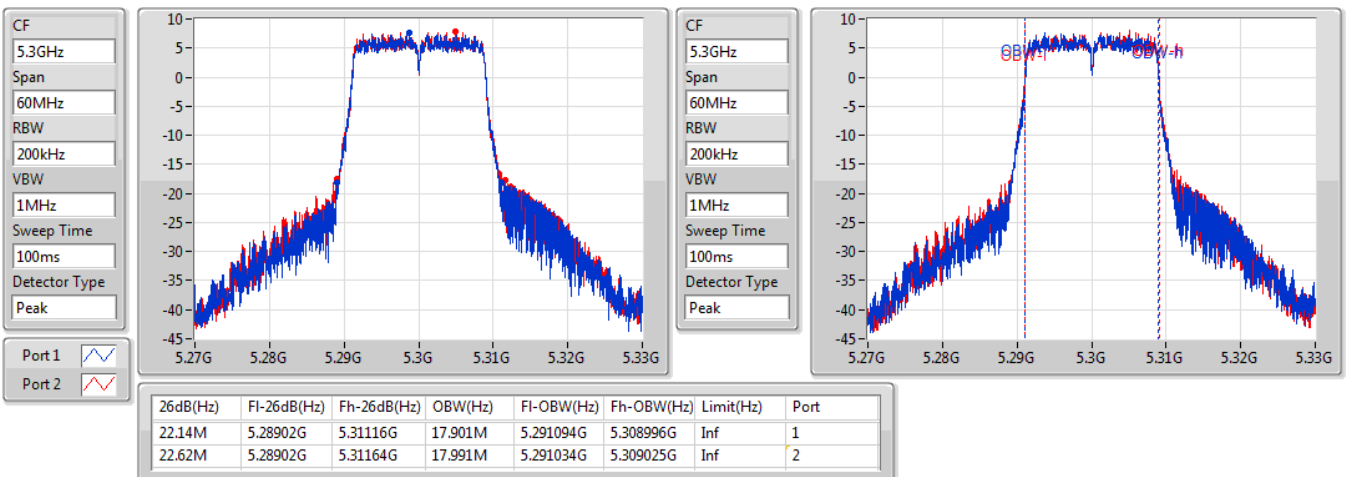


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

15/01/2020

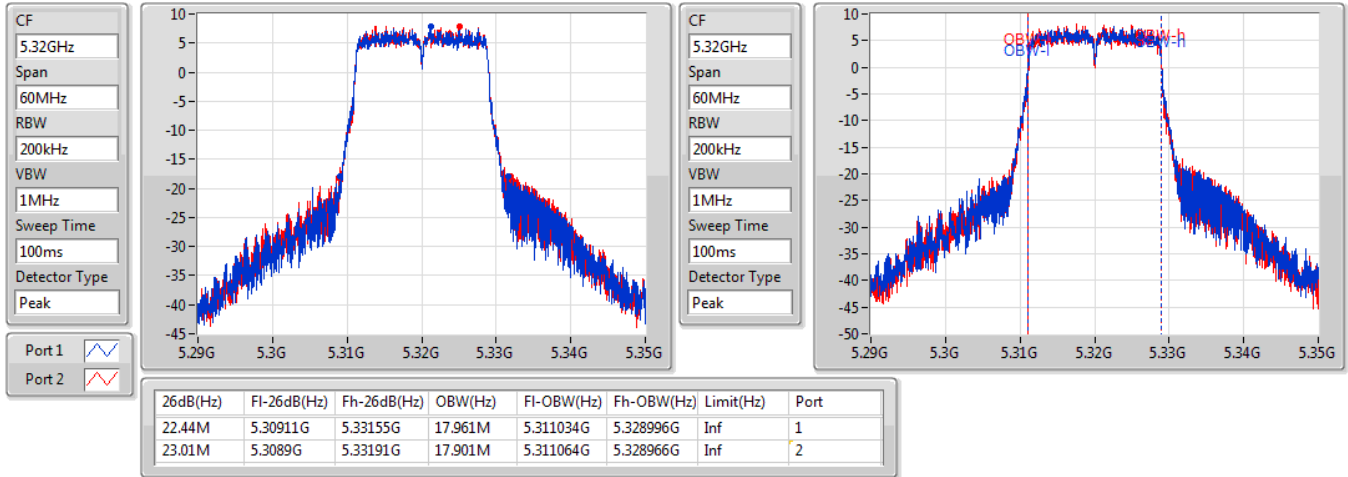


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

15/01/2020

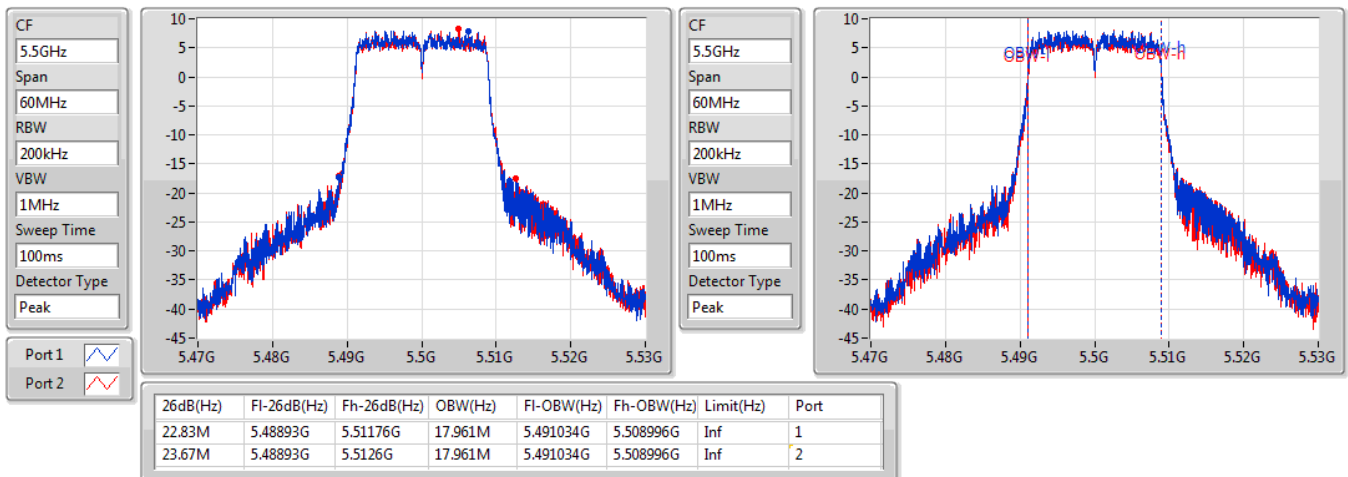


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

15/01/2020

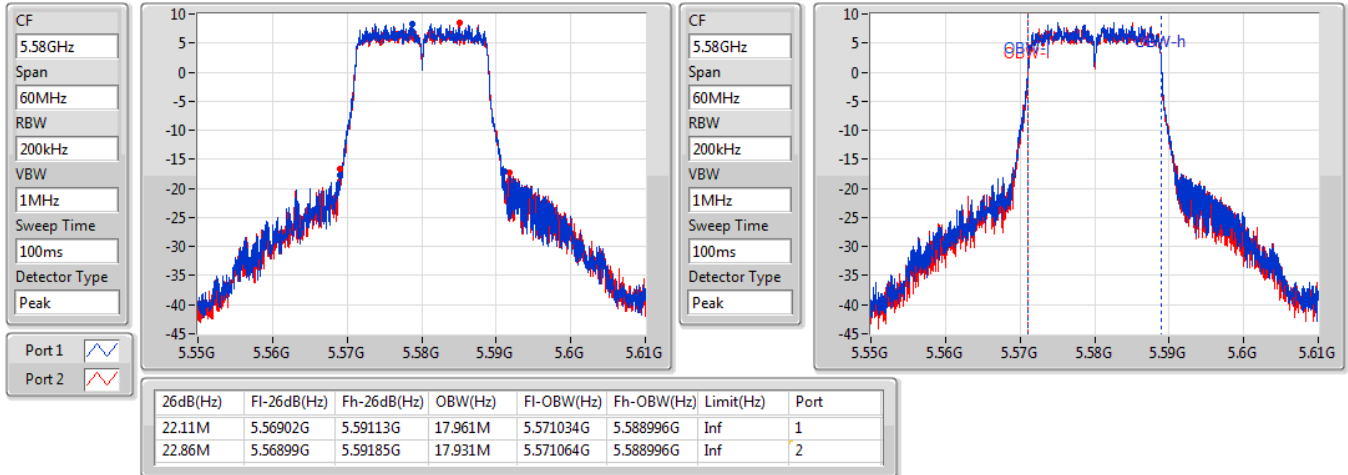


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

15/01/2020

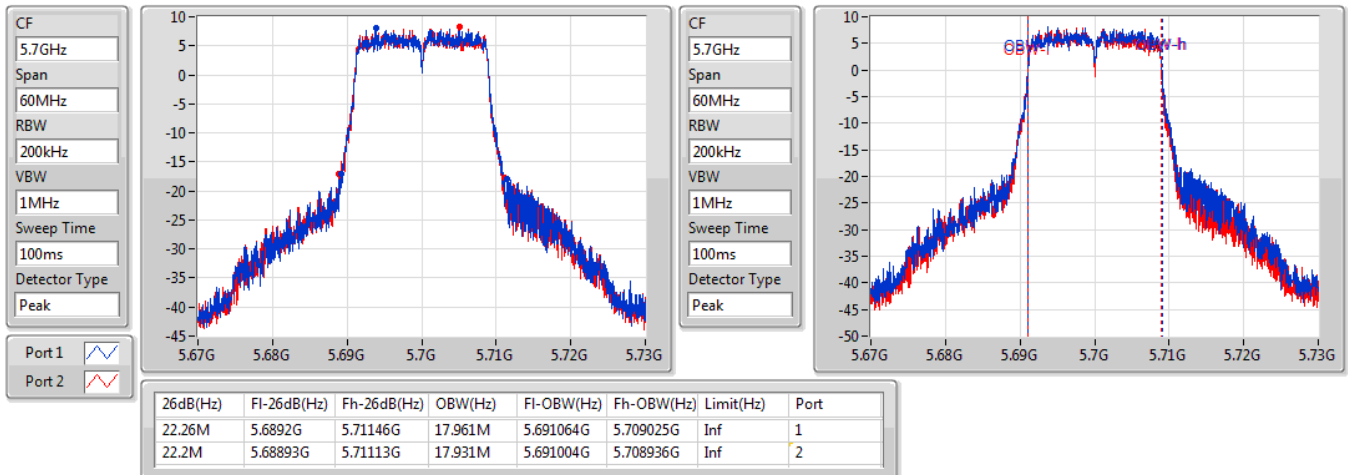


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5700MHz

15/01/2020

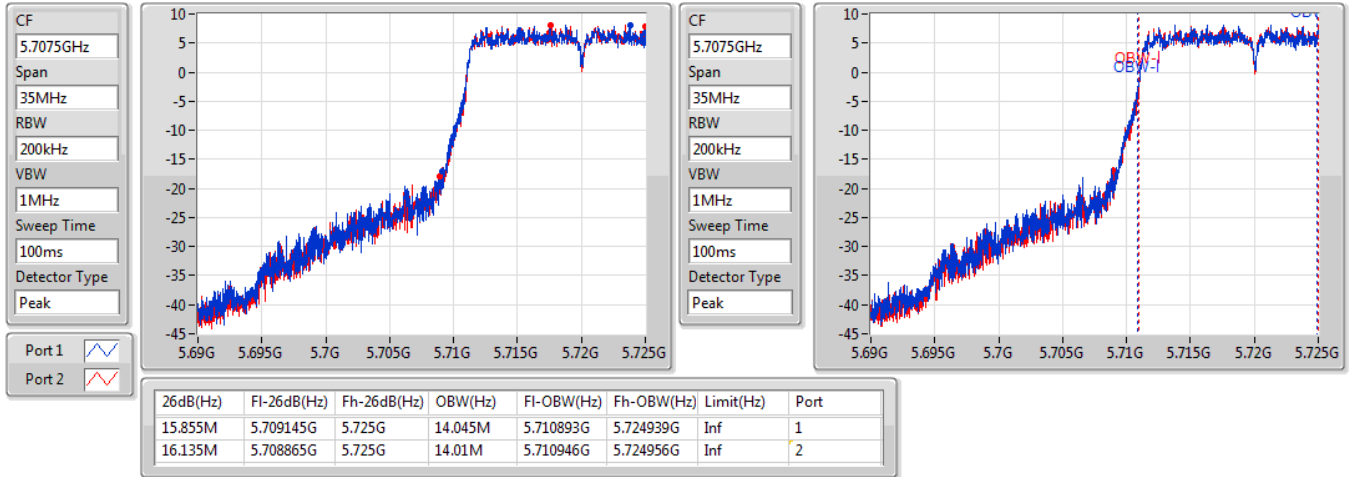


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/01/2020

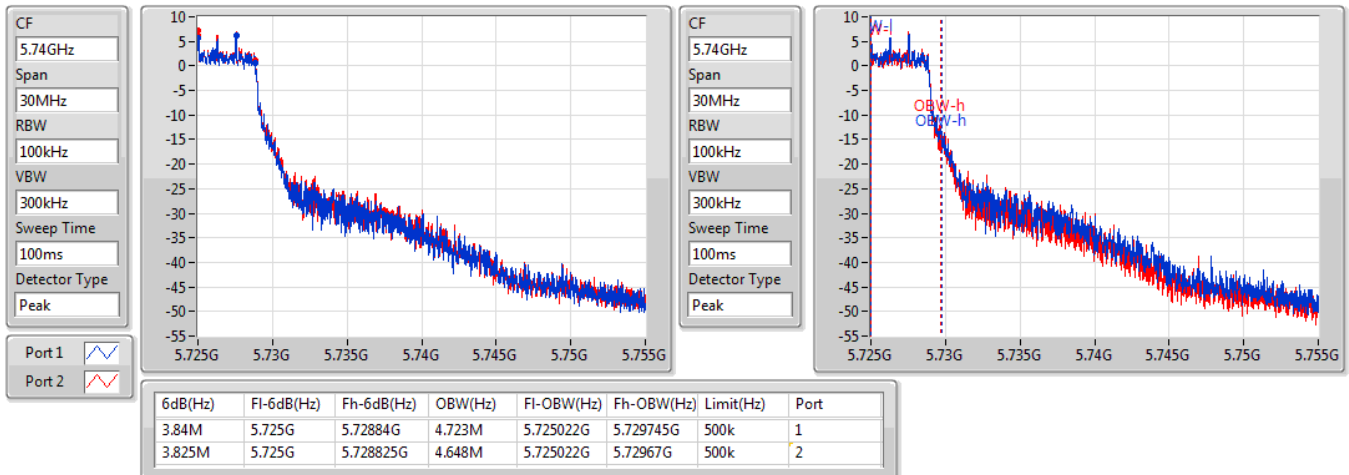


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/01/2020

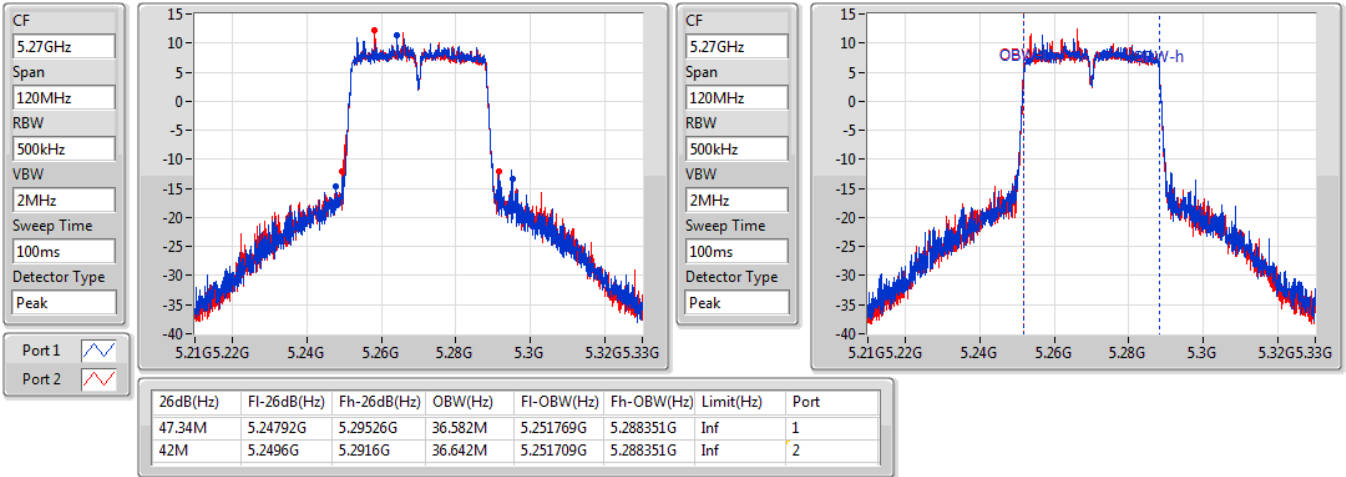


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

15/01/2020

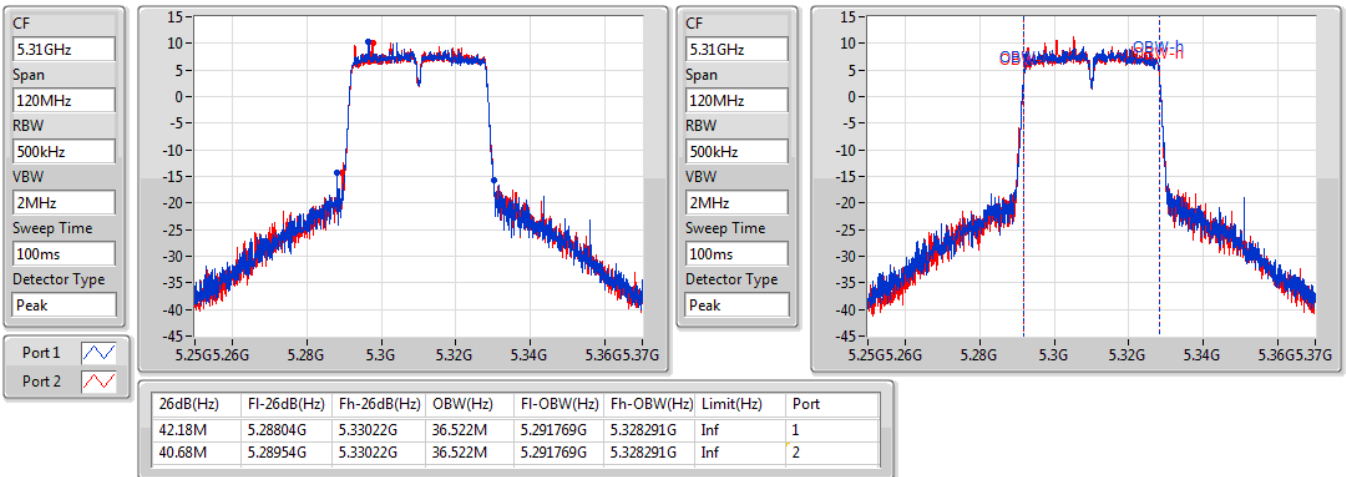


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

15/01/2020

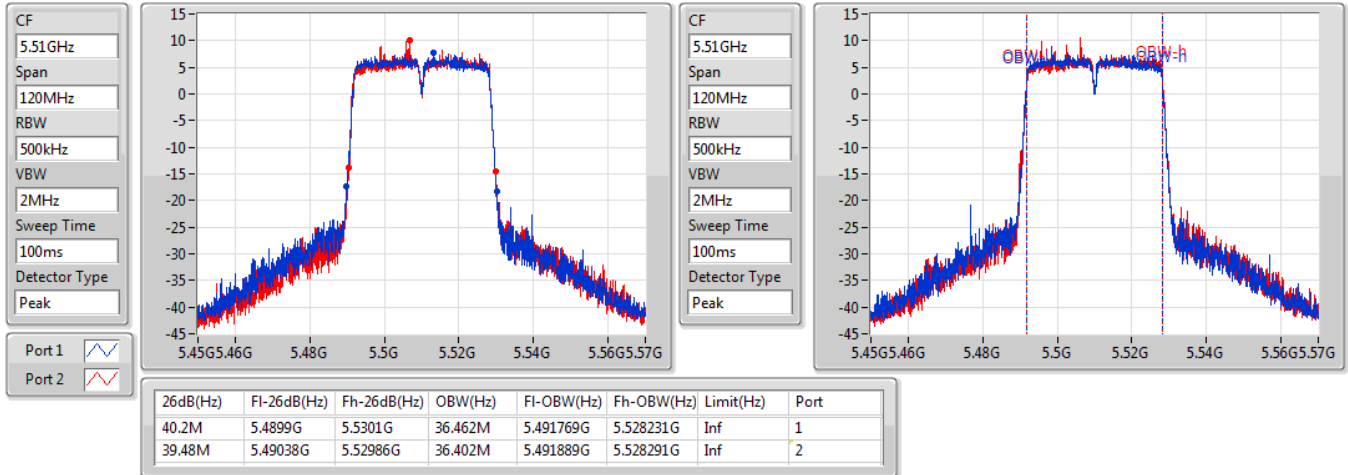


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

15/01/2020

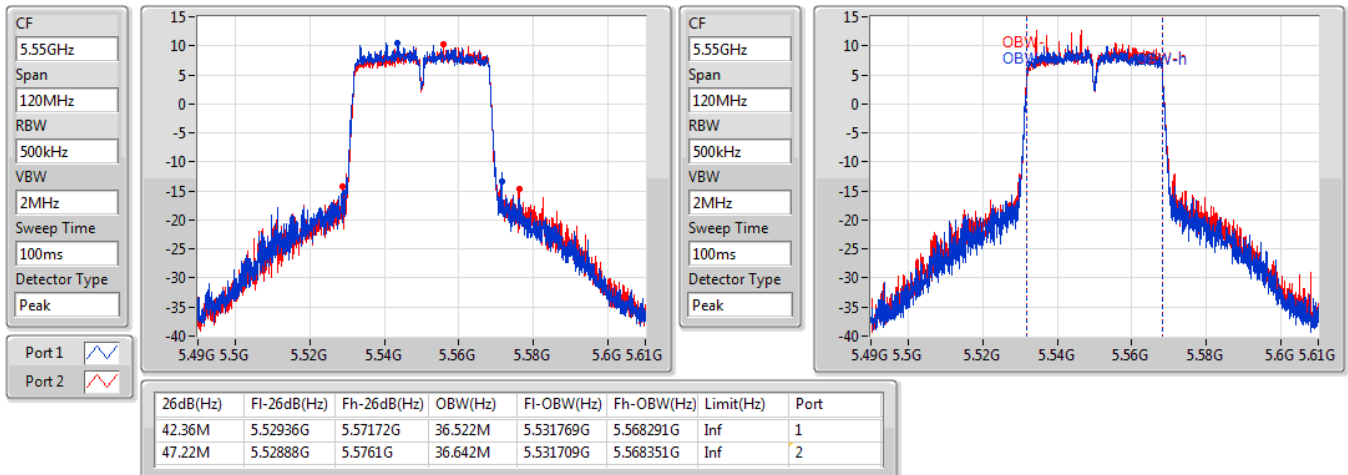


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

15/01/2020

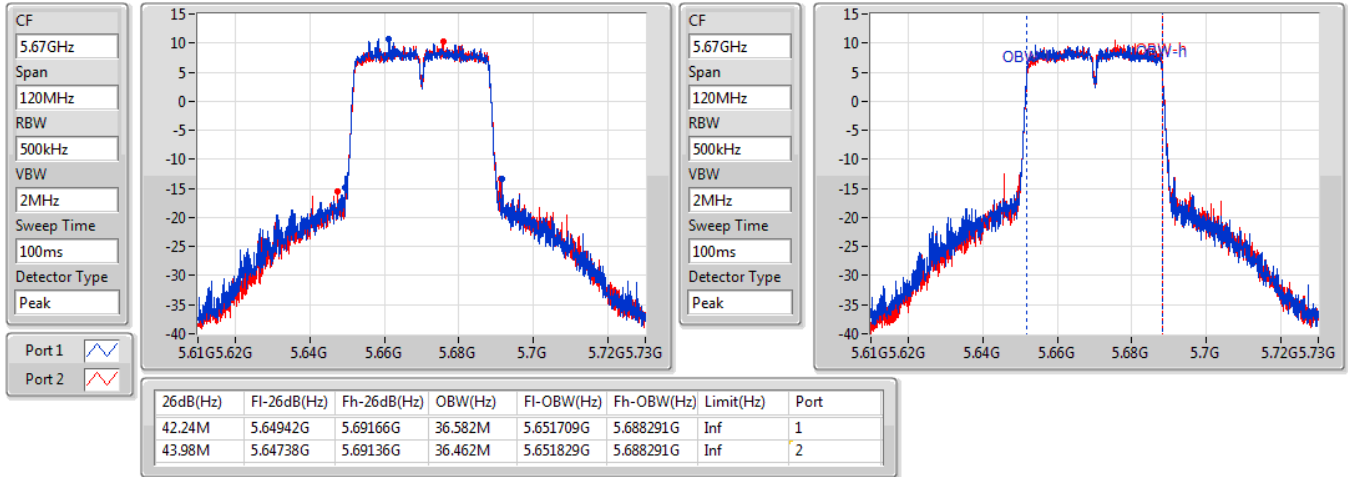


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

15/01/2020

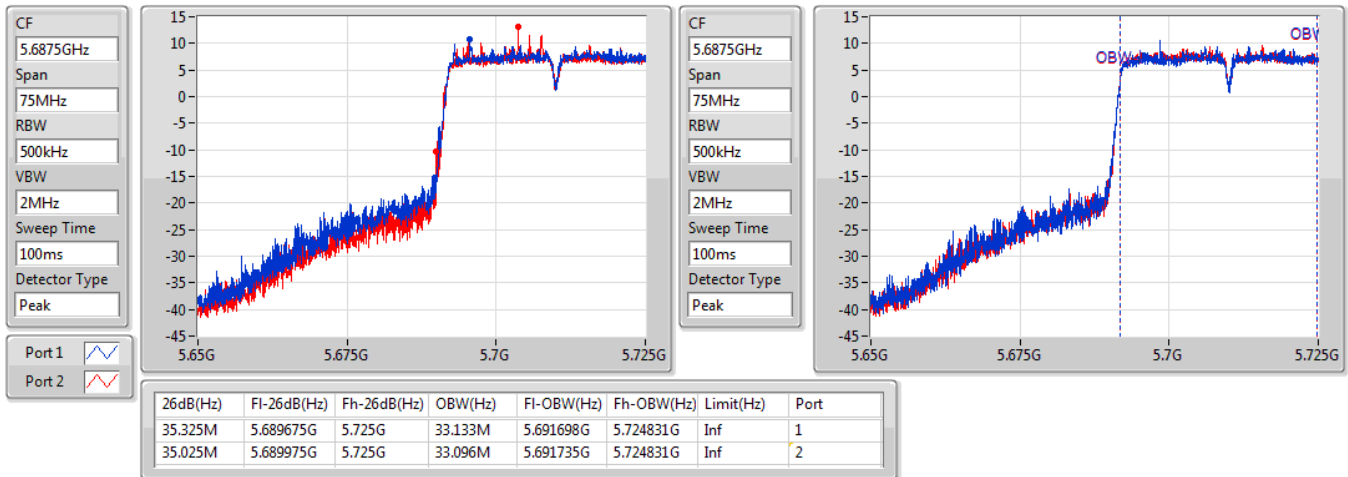


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

15/01/2020

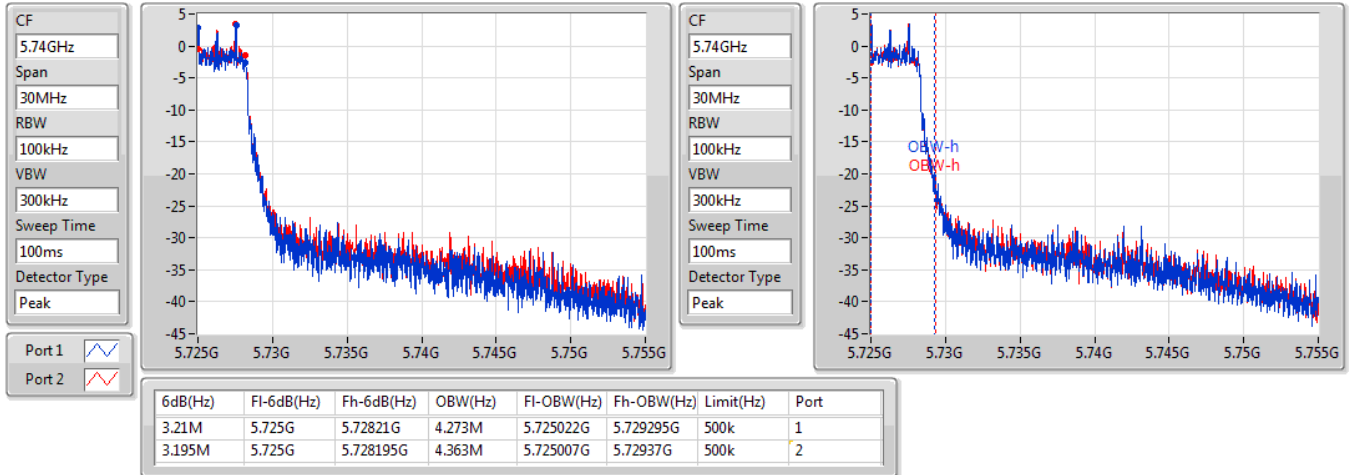


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

15/01/2020

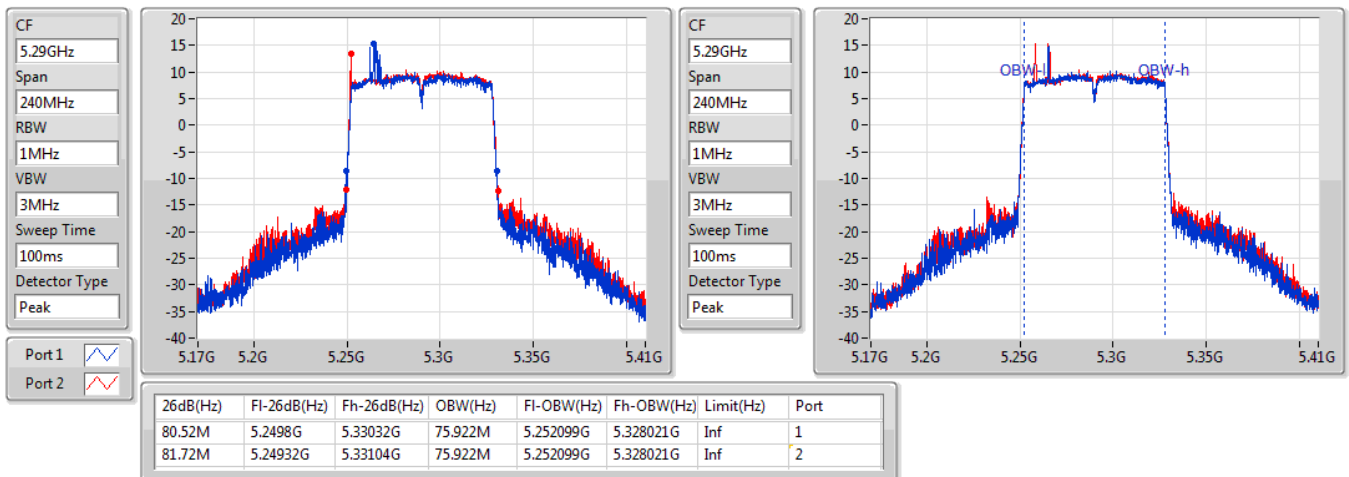


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

15/01/2020

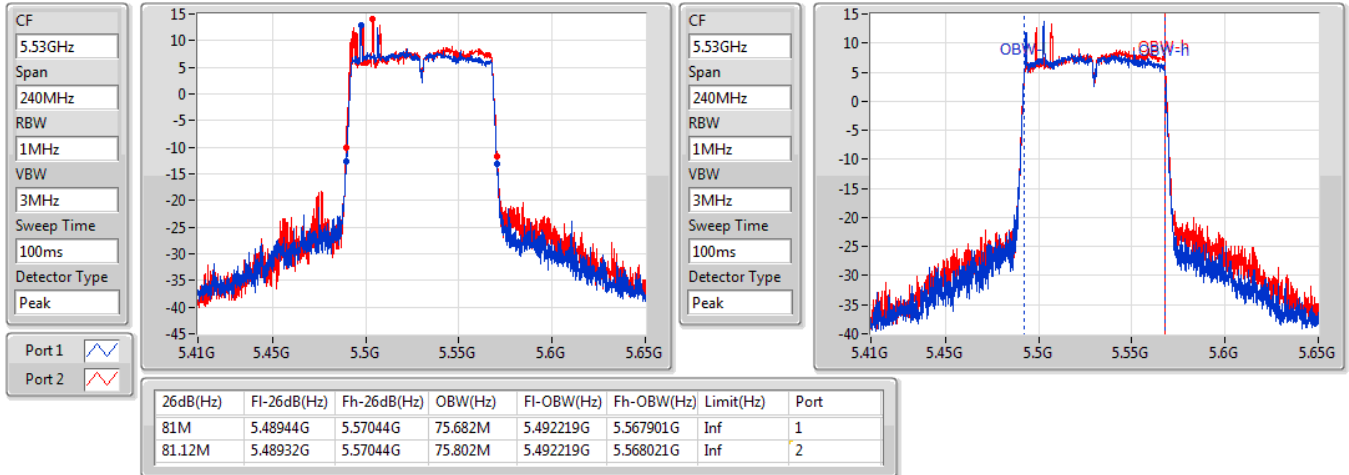


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

15/01/2020

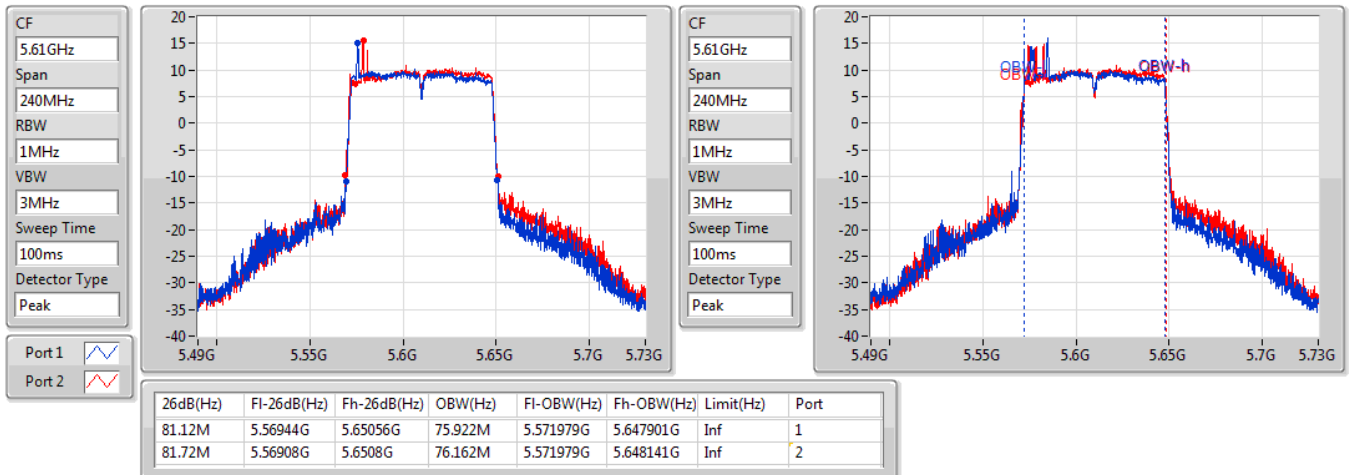


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

15/01/2020

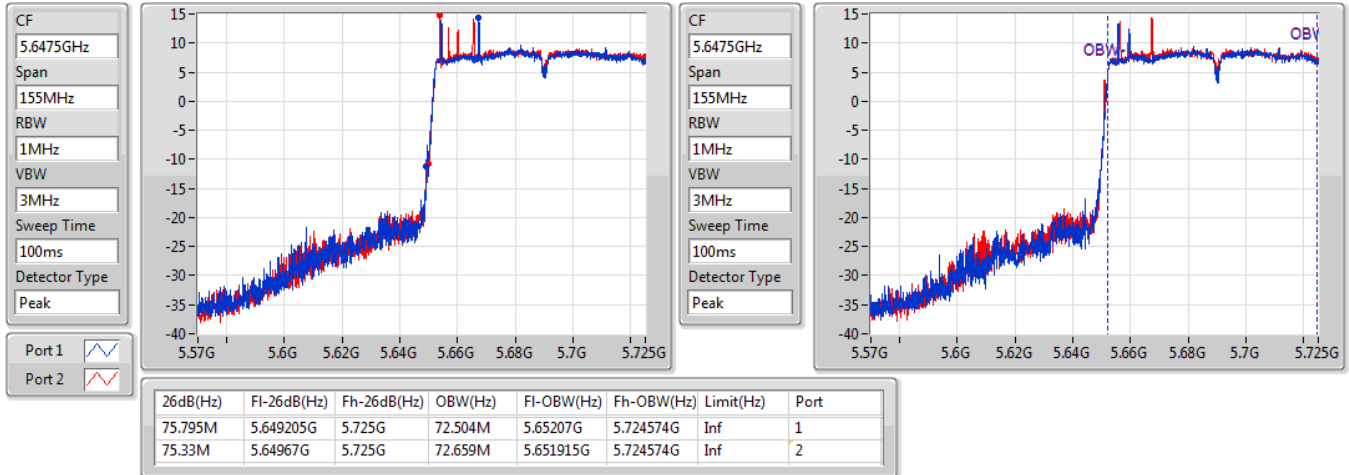


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

15/01/2020

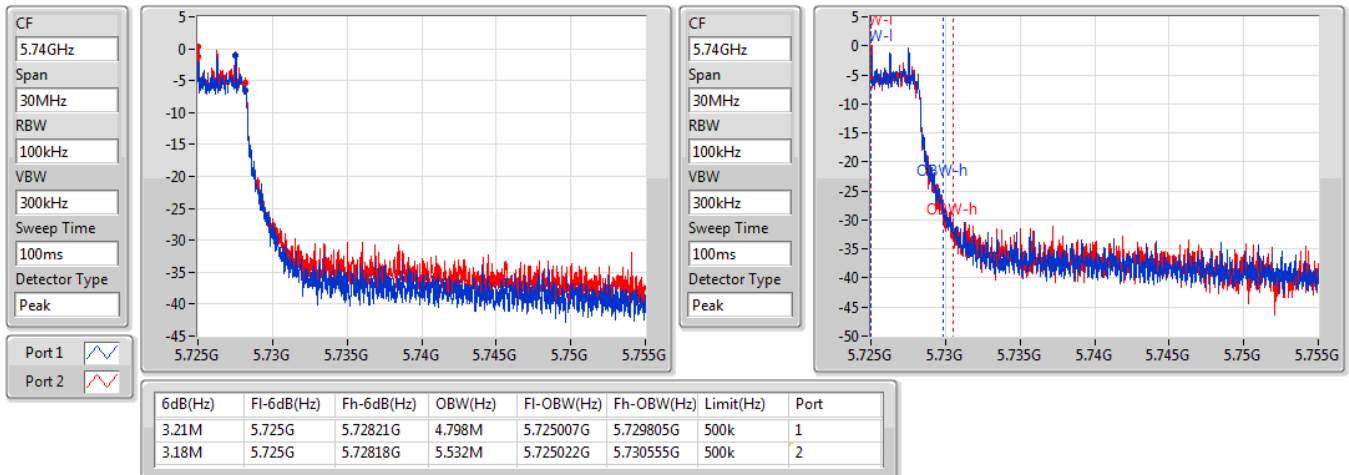


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

15/01/2020

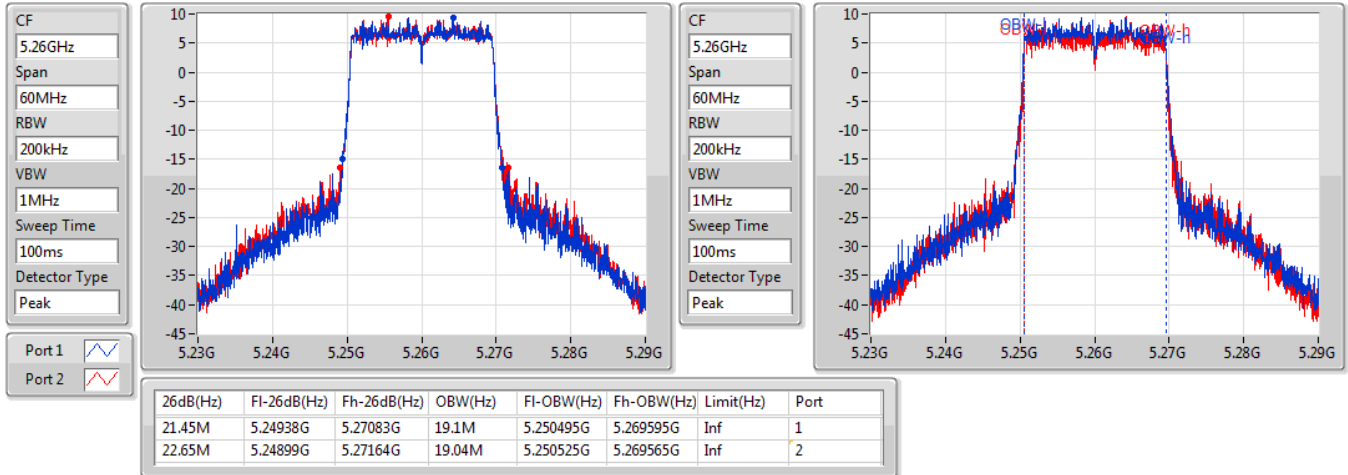


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

15/01/2020

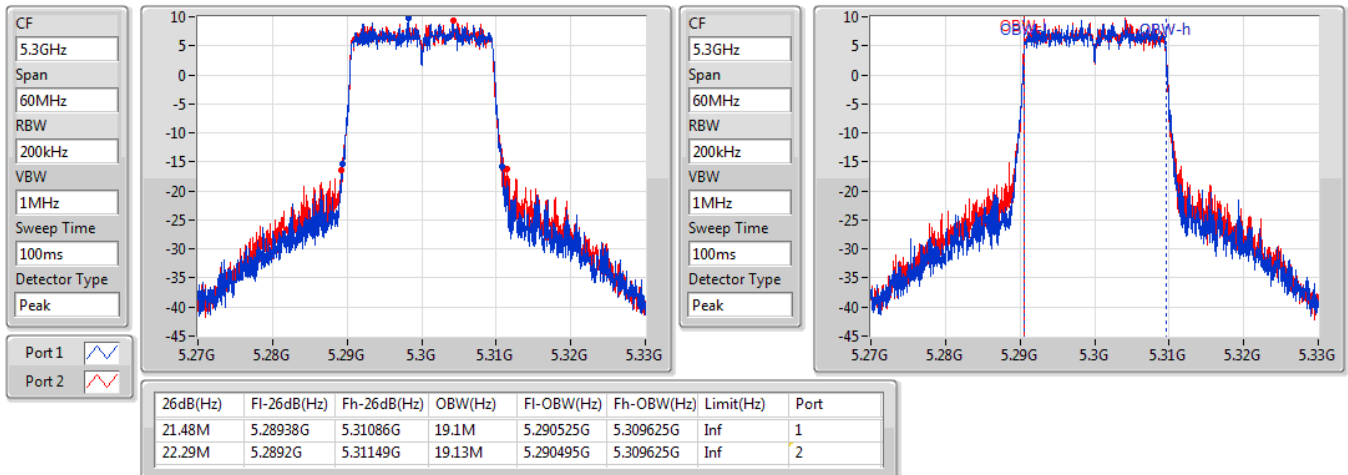


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

14/01/2020

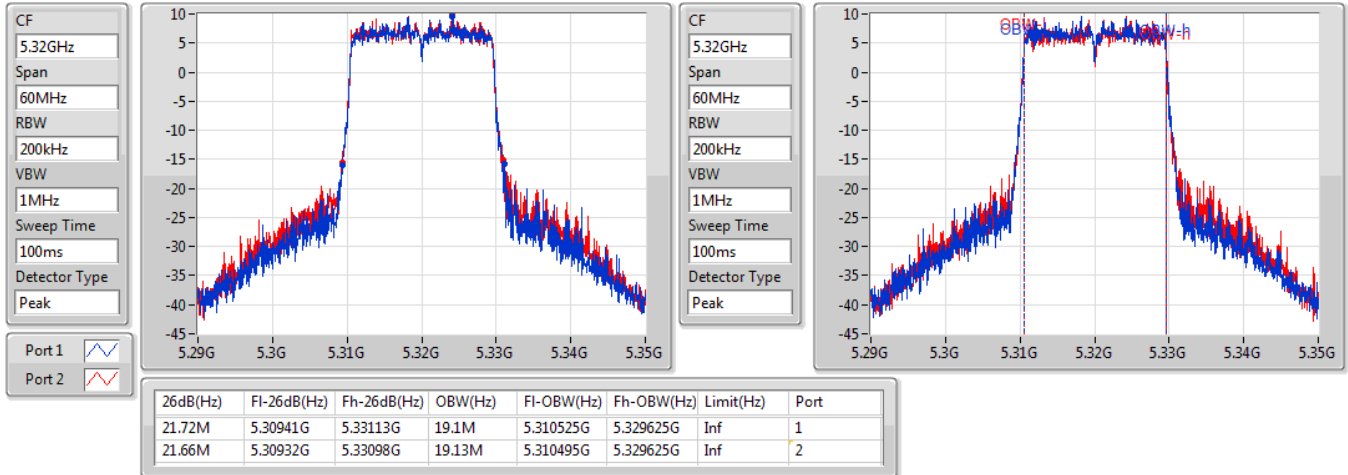


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

14/01/2020

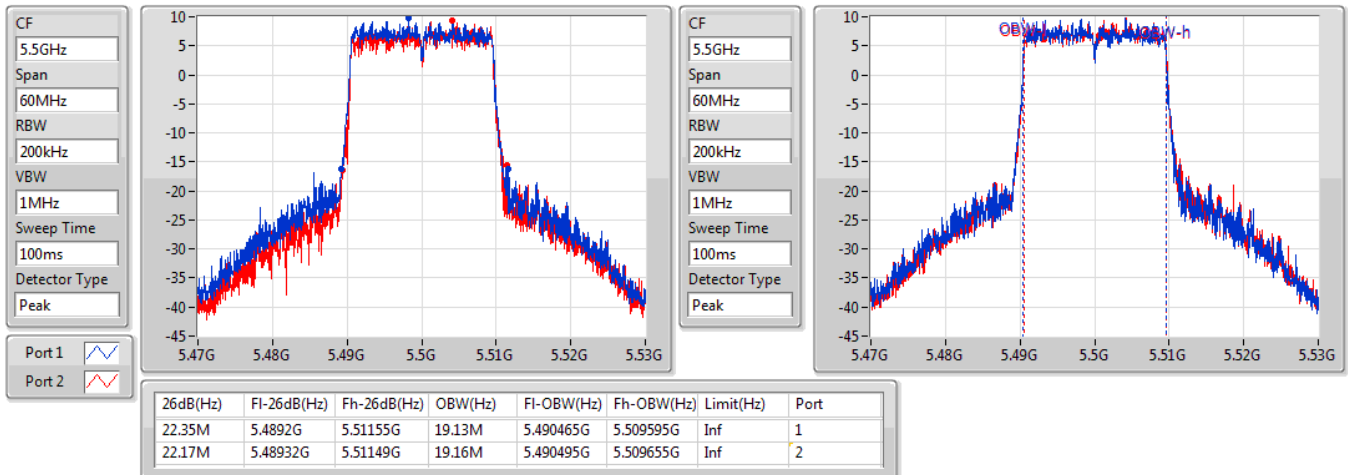


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

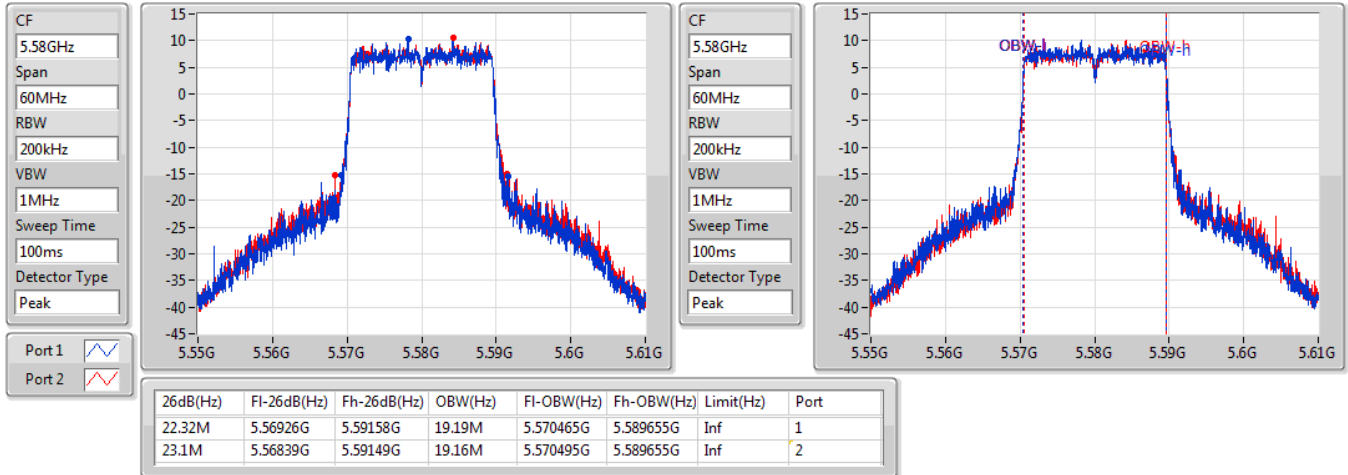
5500MHz

14/01/2020

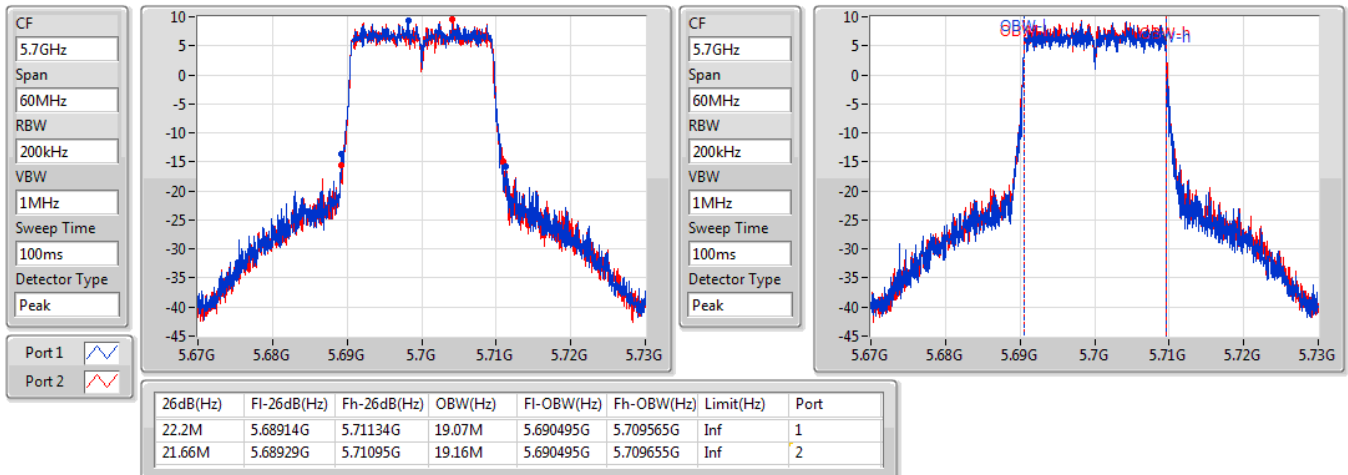


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

14/01/2020

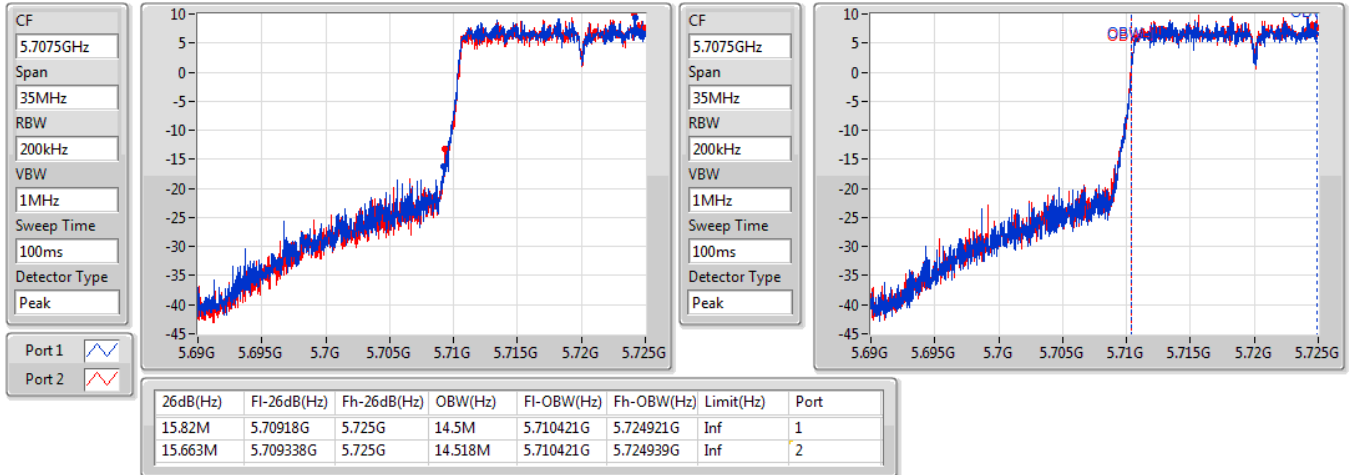

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

14/01/2020

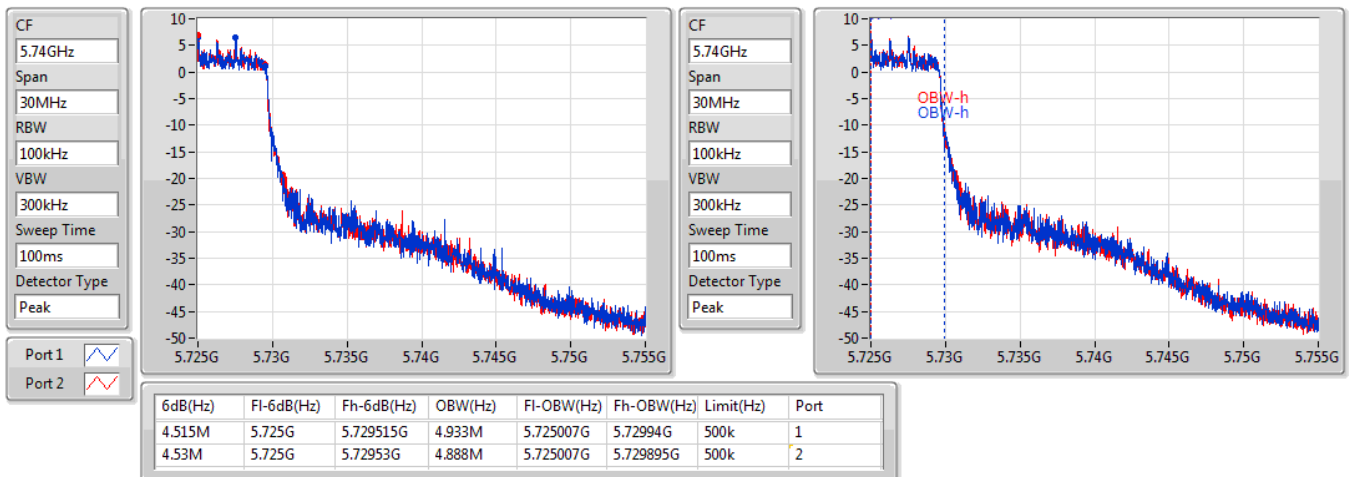


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

14/01/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

14/01/2020

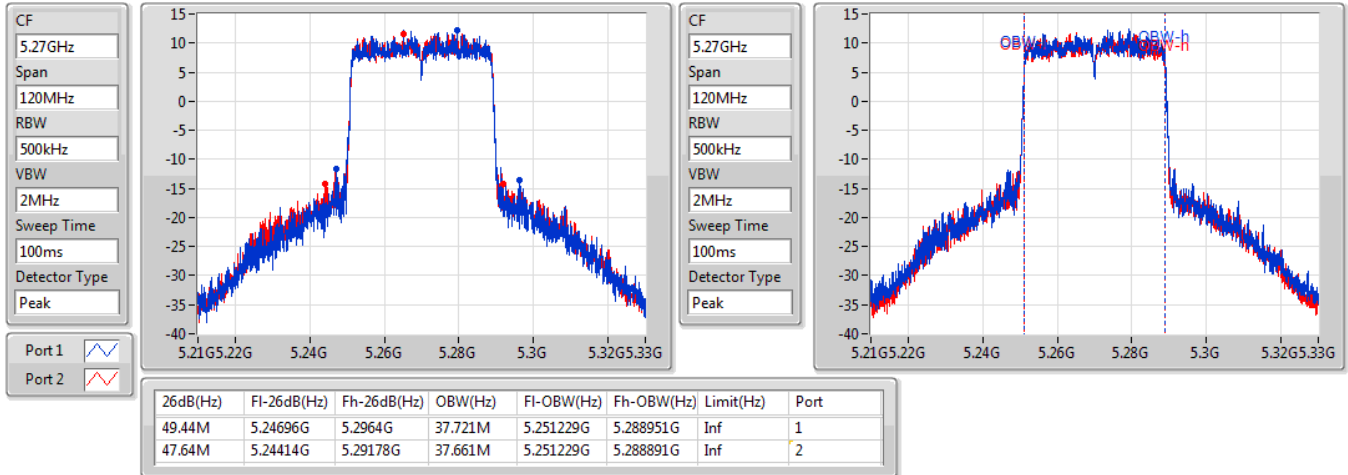


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

14/01/2020

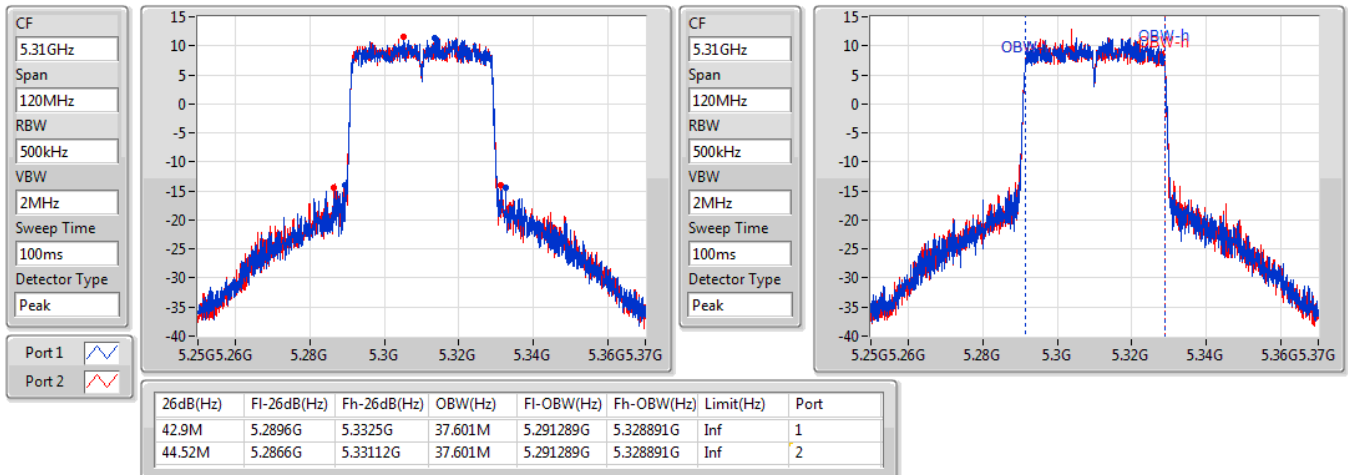


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

14/01/2020

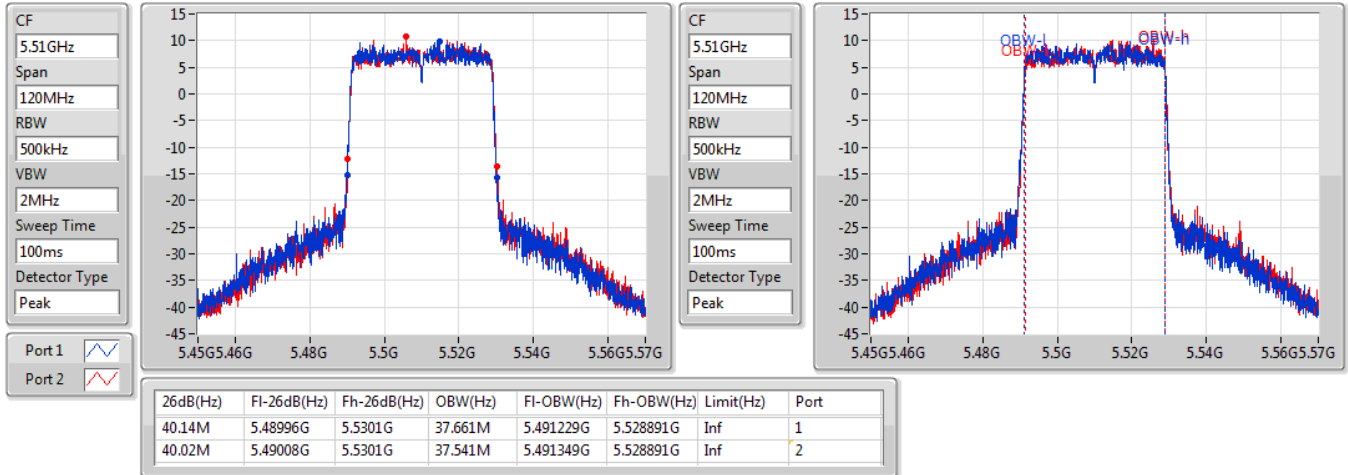


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

14/01/2020

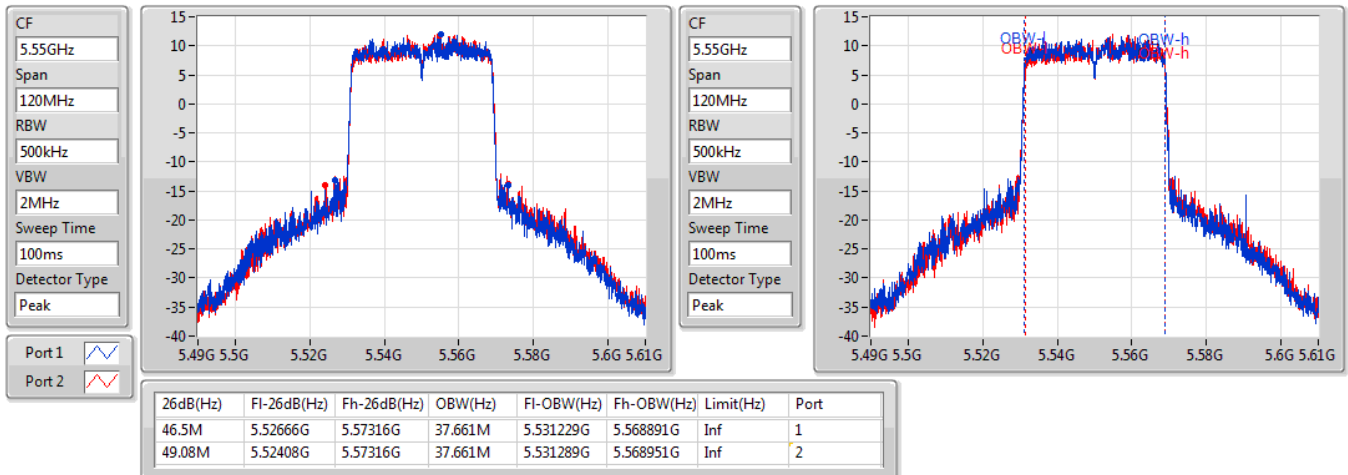


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

14/01/2020

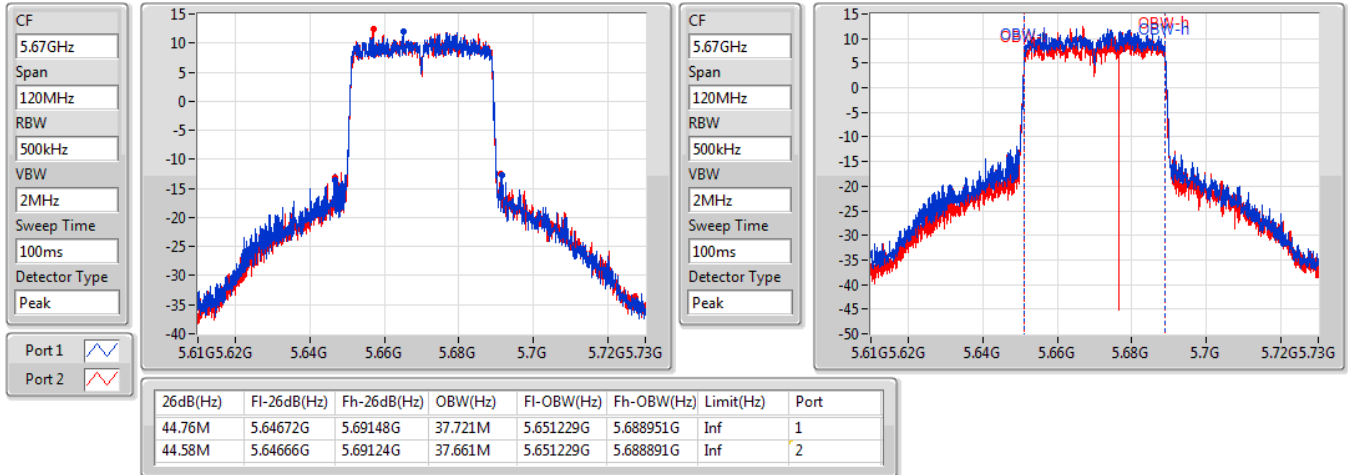


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

14/01/2020

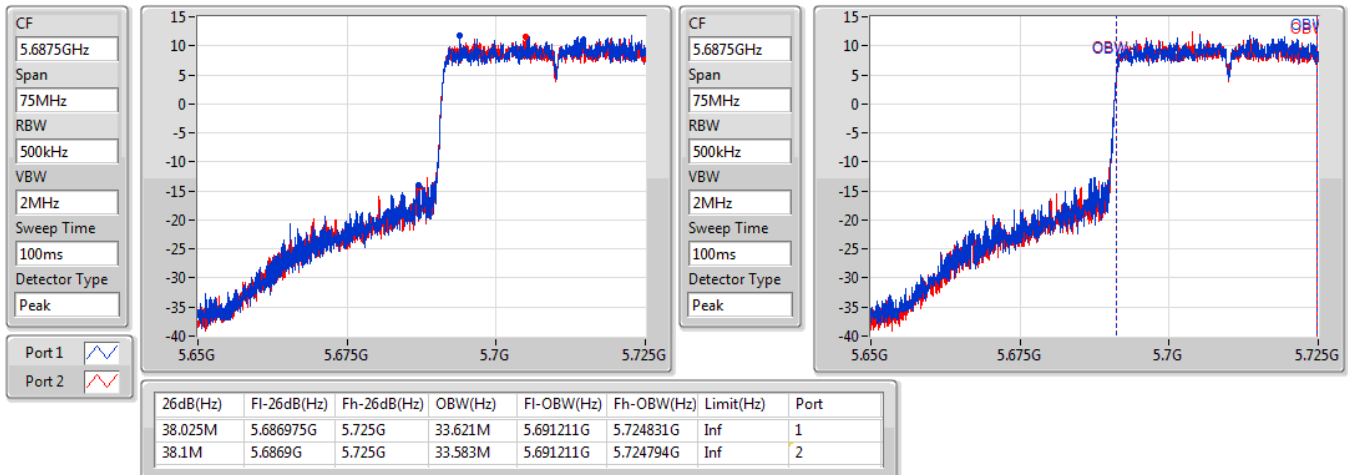


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

14/01/2020

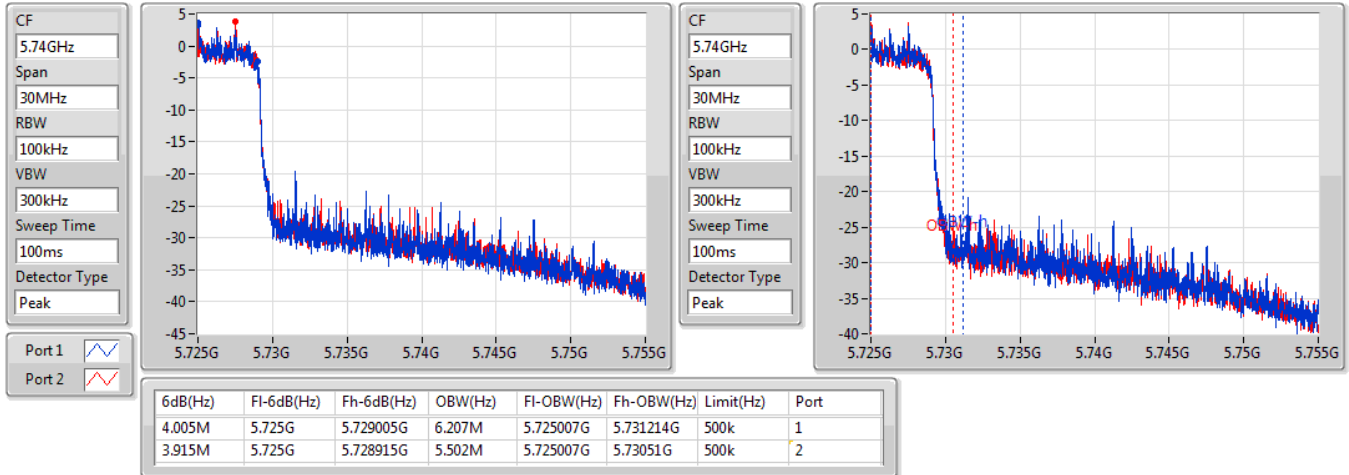


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

14/01/2020

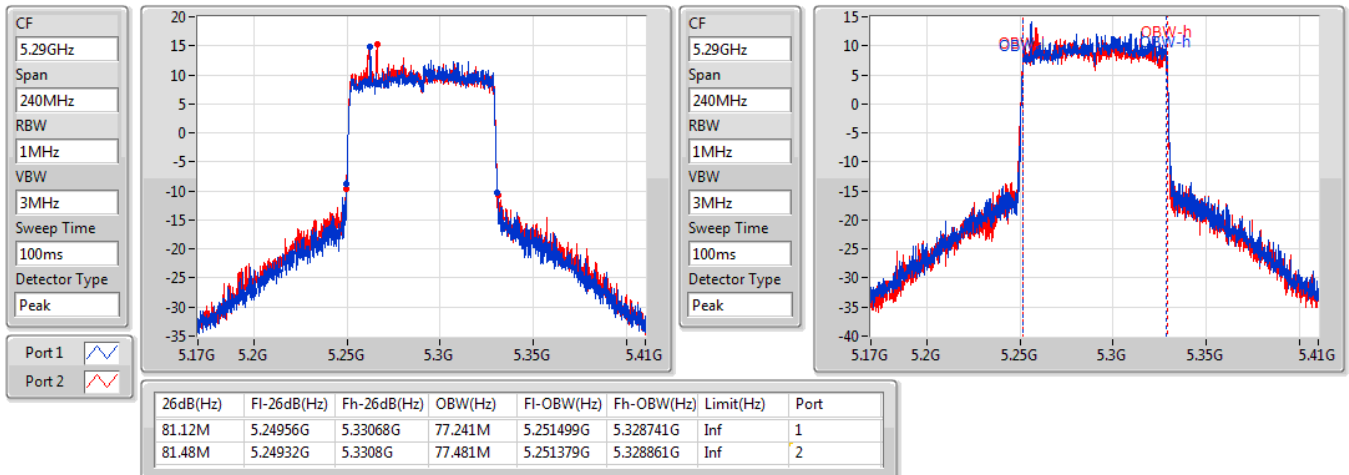


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

14/01/2020

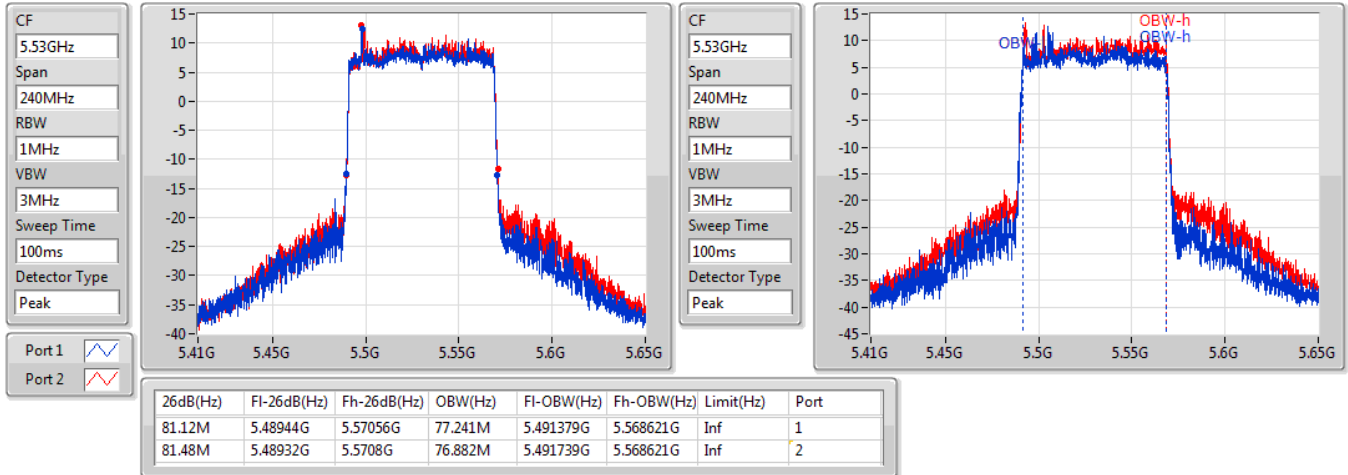


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

14/01/2020

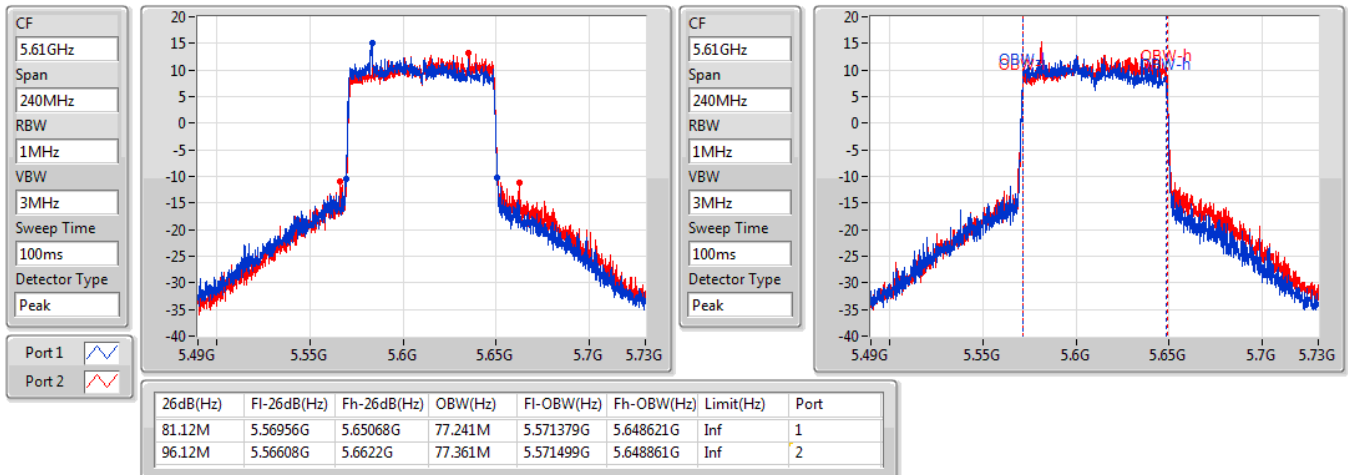


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

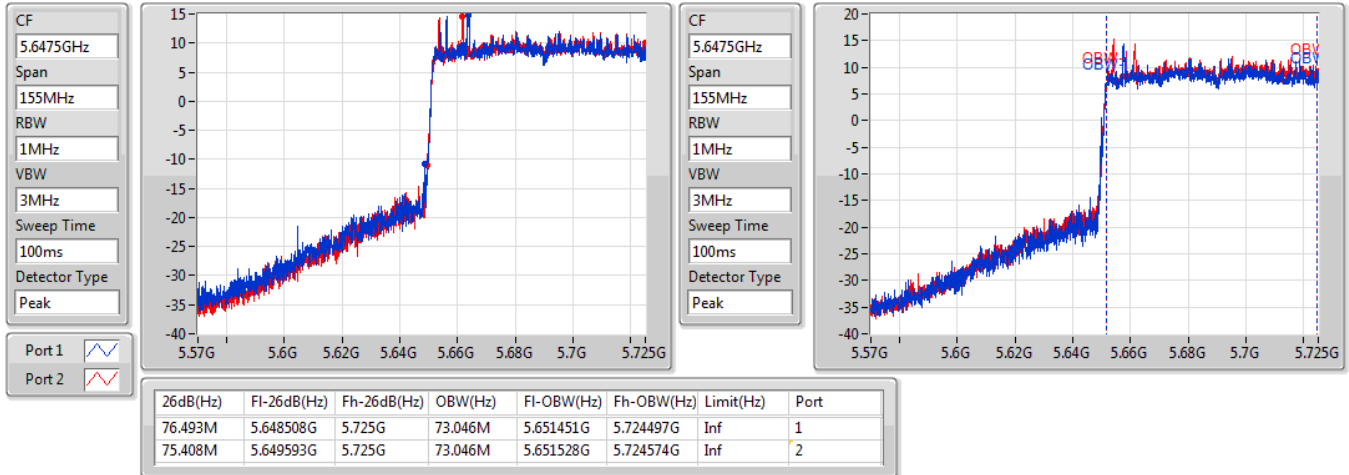
5610MHz

14/01/2020

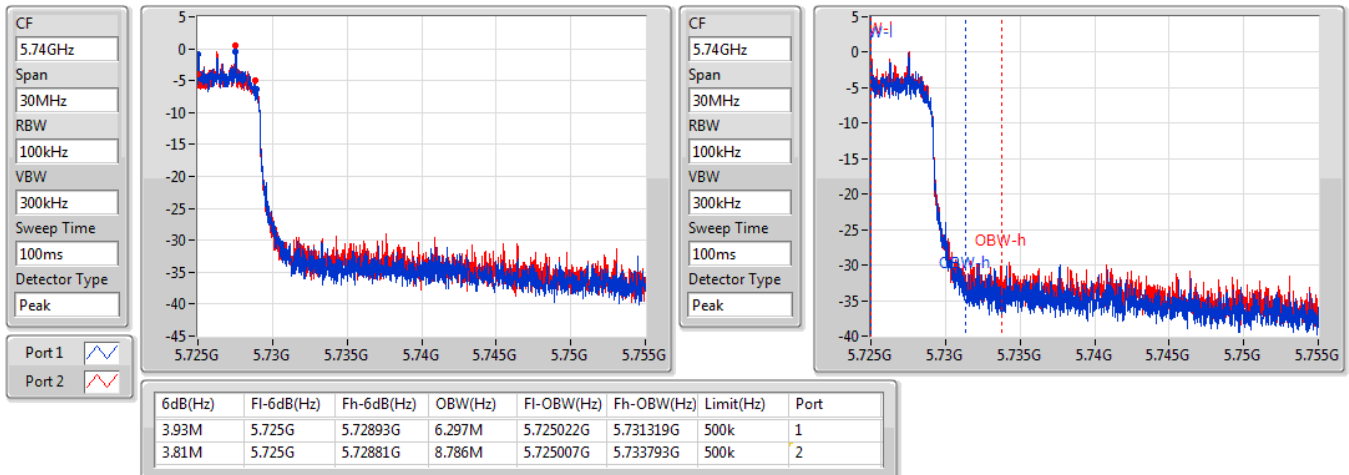


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

15/01/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

15/01/2020



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.21M	17.901M	17M9D1D	21.72M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	74.82M	36.642M	36M6D1D	56.1M	36.462M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.32M	75.922M	75M9D1D	82.08M	75.802M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.47M	19.1M	19M1D1D	21.57M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	60.3M	37.781M	37M8D1D	52.92M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.4M	77.001M	77M0D1D	82.32M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.41M	17.871M	17M9D1D	15.93M	13.883M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	65.46M	36.702M	36M7D1D	41.04M	32.989M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	83.04M	76.642M	76M6D1D	76.65M	72.264M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.74M	19.1M	19M1D1D	15.795M	14.453M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	57.96M	37.721M	37M7D1D	40.92M	33.583M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84M	77.241M	77M2D1D	76.125M	73.088M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.84M	4.458M	4M46D1D	3.82M	4.398M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.2M	4.298M	4M30D1D	3.2M	4.178M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.22M	7.236M	7M24D1D	3.2M	4.658M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.62M	4.658M	4M66D1D	4.54M	4.658M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.92M	4.838M	4M84D1D	3.88M	4.638M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.02M	10.735M	10M7D1D	4.02M	6.717M

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)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.86M	17.871M	21.75M	17.841M
5300MHz	Pass	Inf	24.21M	17.871M	22.41M	17.841M
5320MHz	Pass	Inf	22.62M	17.901M	21.72M	17.841M
5500MHz	Pass	Inf	22.26M	17.841M	22.41M	17.871M
5580MHz	Pass	Inf	21.81M	17.841M	21.75M	17.871M
5700MHz	Pass	Inf	21.81M	17.841M	21.78M	17.811M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.93M	13.883M	16.38M	13.883M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	4.398M	3.84M	4.458M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	67.14M	36.642M	74.82M	36.582M
5310MHz	Pass	Inf	56.1M	36.462M	60.42M	36.582M
5510MHz	Pass	Inf	41.52M	36.462M	41.04M	36.462M
5550MHz	Pass	Inf	60.48M	36.702M	65.46M	36.642M
5670MHz	Pass	Inf	65.4M	36.642M	64.74M	36.642M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	52.78M	33.023M	52.885M	32.989M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	4.178M	3.2M	4.298M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	75.802M	82.08M	75.922M
5530MHz	Pass	Inf	83.04M	75.802M	82.56M	75.802M
5610MHz	Pass	Inf	82.56M	76.642M	82.68M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.65M	72.414M	76.65M	72.264M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	4.658M	3.22M	7.236M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	28.47M	19.1M	22.32M	19.1M
5300MHz	Pass	Inf	27.15M	19.1M	21.57M	19.07M
5320MHz	Pass	Inf	21.84M	19.1M	22.44M	19.04M
5500MHz	Pass	Inf	21.69M	19.07M	25.74M	19.07M
5580MHz	Pass	Inf	21.81M	19.1M	23.46M	19.1M
5700MHz	Pass	Inf	21.54M	19.07M	21.75M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.453M	16.995M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.658M	4.62M	4.658M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	60.3M	37.781M	56.28M	37.781M
5310MHz	Pass	Inf	52.92M	37.661M	53.04M	37.661M
5510MHz	Pass	Inf	40.92M	37.661M	51.66M	37.601M
5550MHz	Pass	Inf	53.34M	37.721M	57.96M	37.721M
5670MHz	Pass	Inf	53.4M	37.661M	53.22M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	41.755M	33.618M	42.315M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.638M	3.88M	4.838M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.4M	77.001M	82.32M	77.001M
5530MHz	Pass	Inf	84M	77.001M	83.04M	77.121M
5610MHz	Pass	Inf	83.4M	77.121M	82.2M	77.241M



EBW_Beamforming_Sample 1_Radio 2_2T1S

Appendix A.14

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.95M	73.238M	76.125M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	6.717M	4.02M	10.735M

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

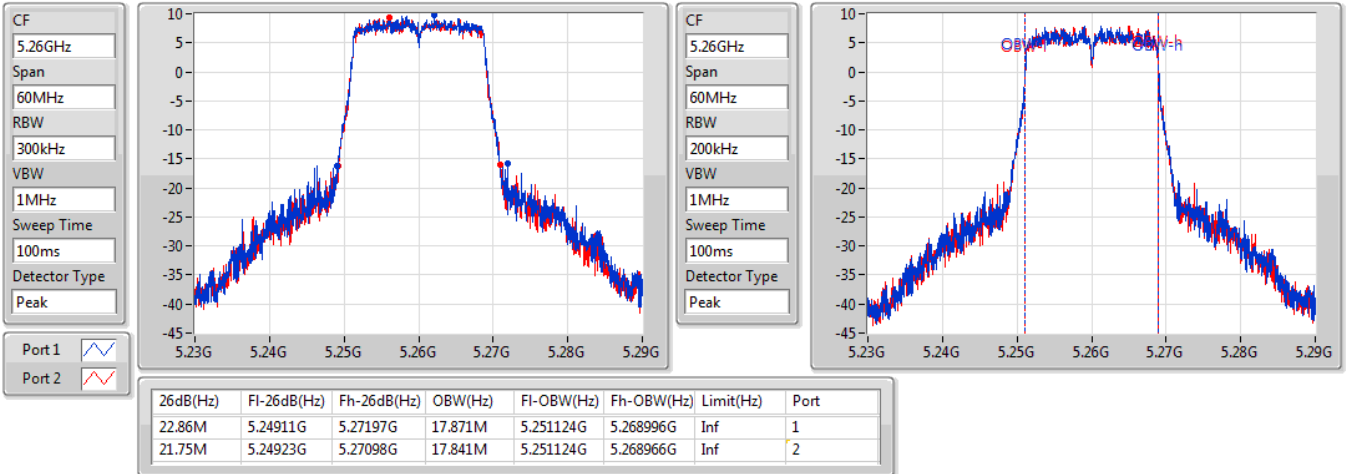
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

21/01/2020

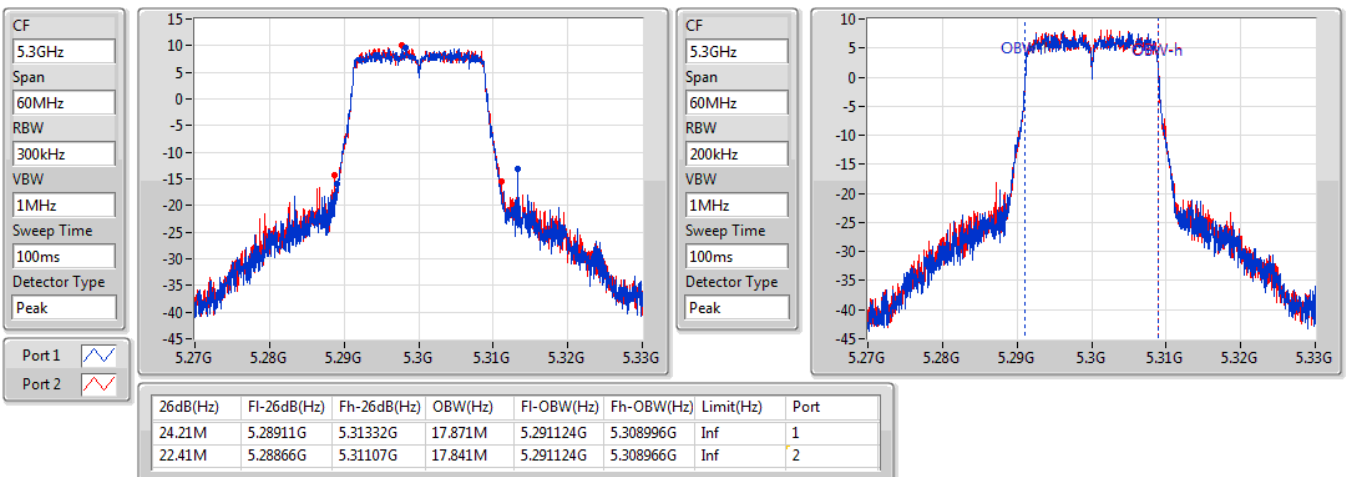


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

21/01/2020

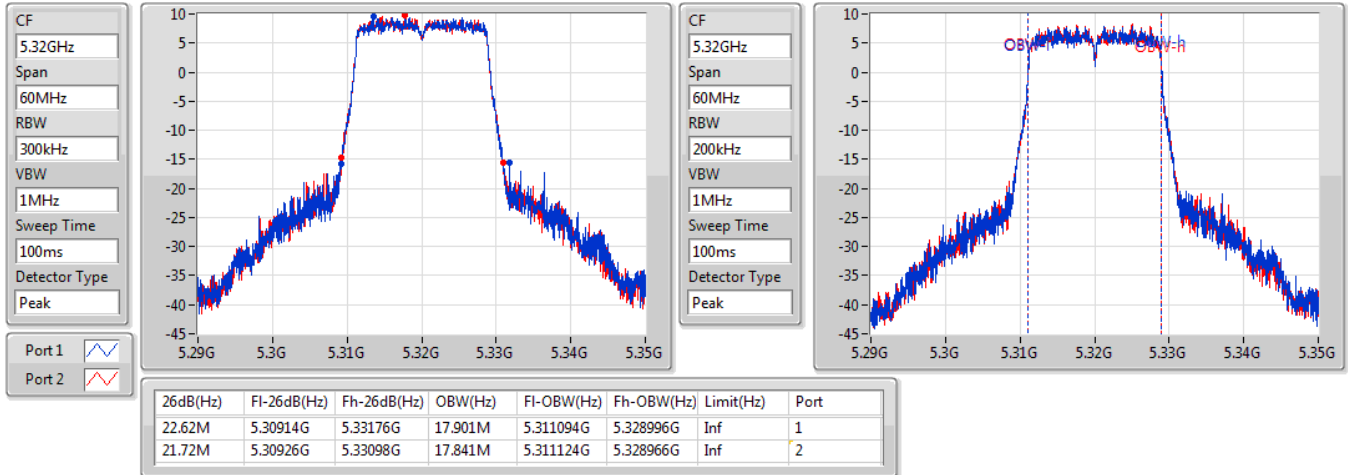


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

21/01/2020

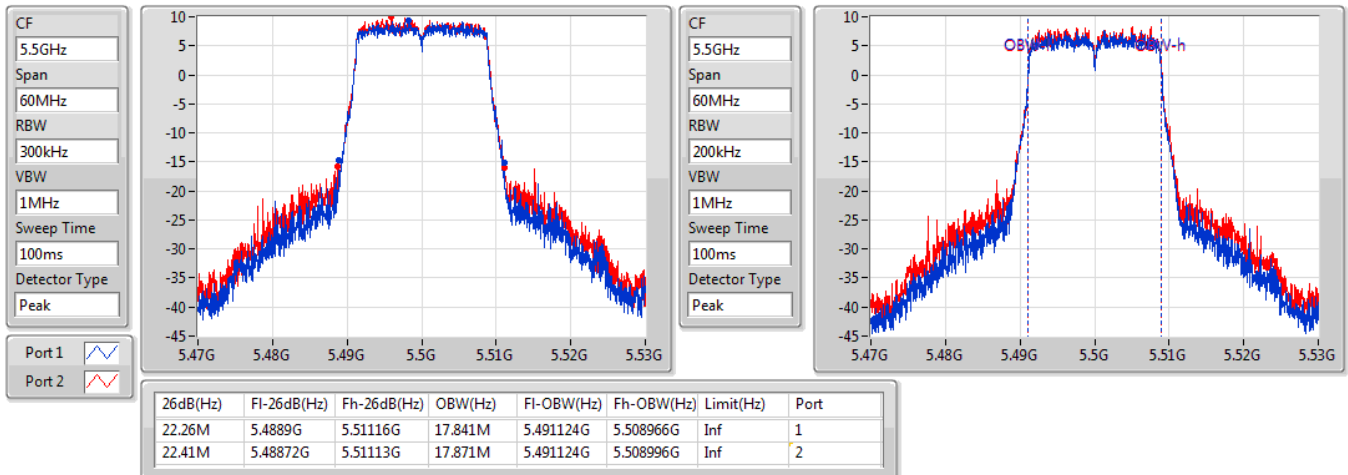


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

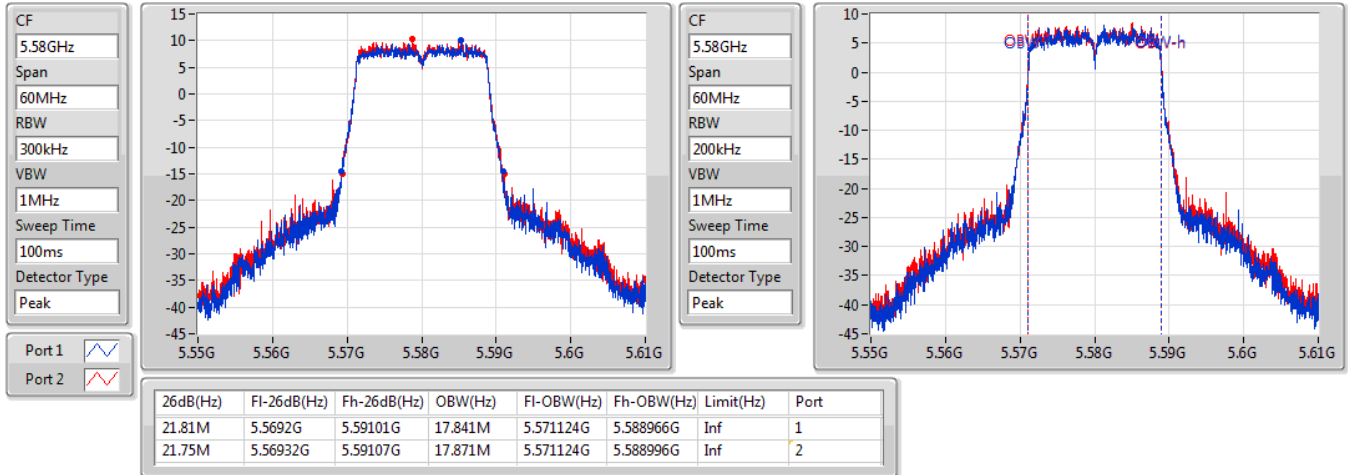
5500MHz

21/01/2020

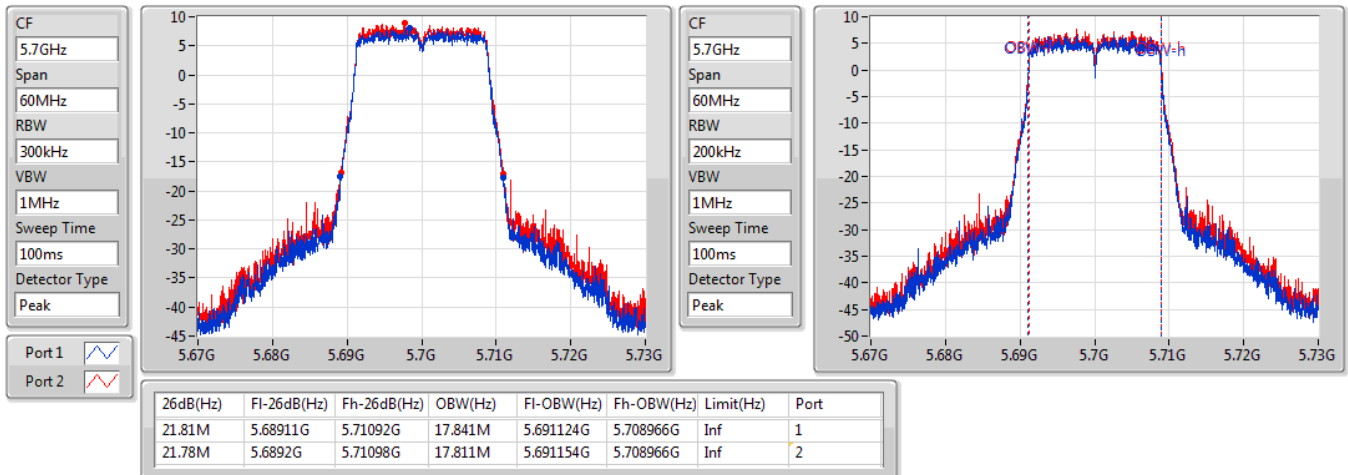


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

21/01/2020

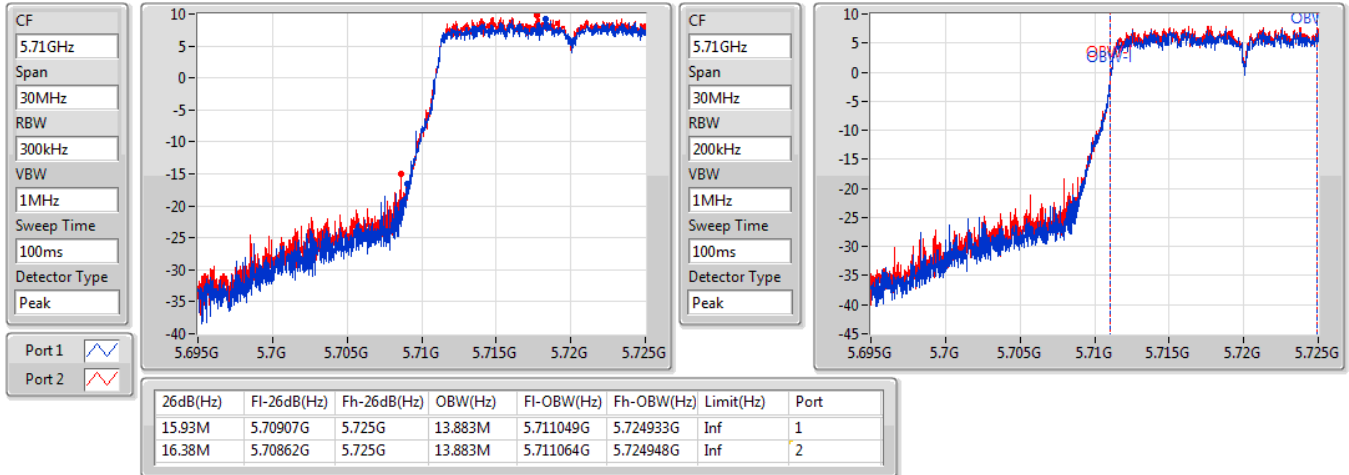

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

21/01/2020

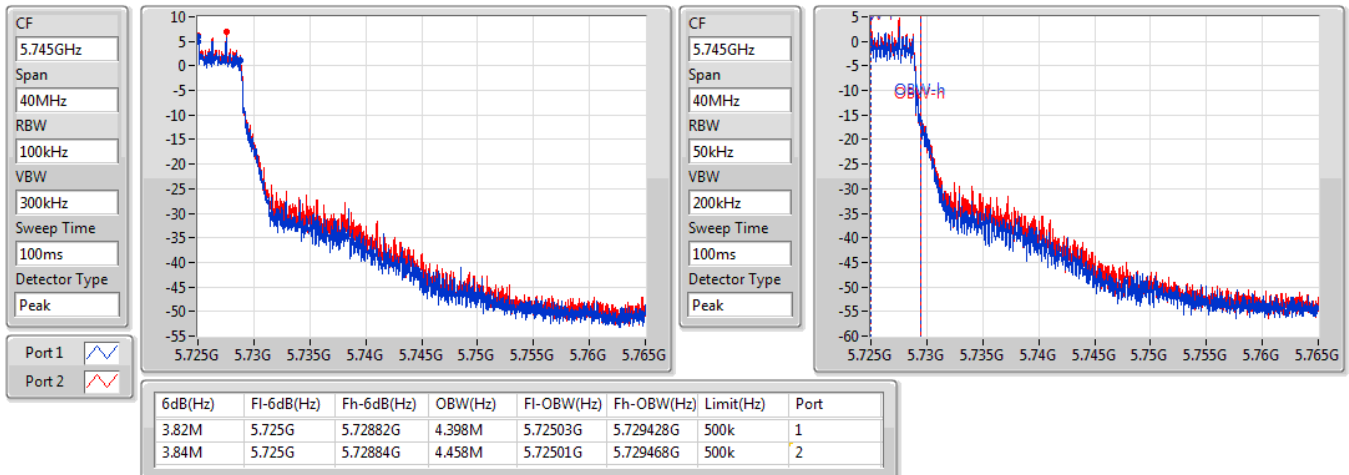


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

21/01/2020


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

21/01/2020

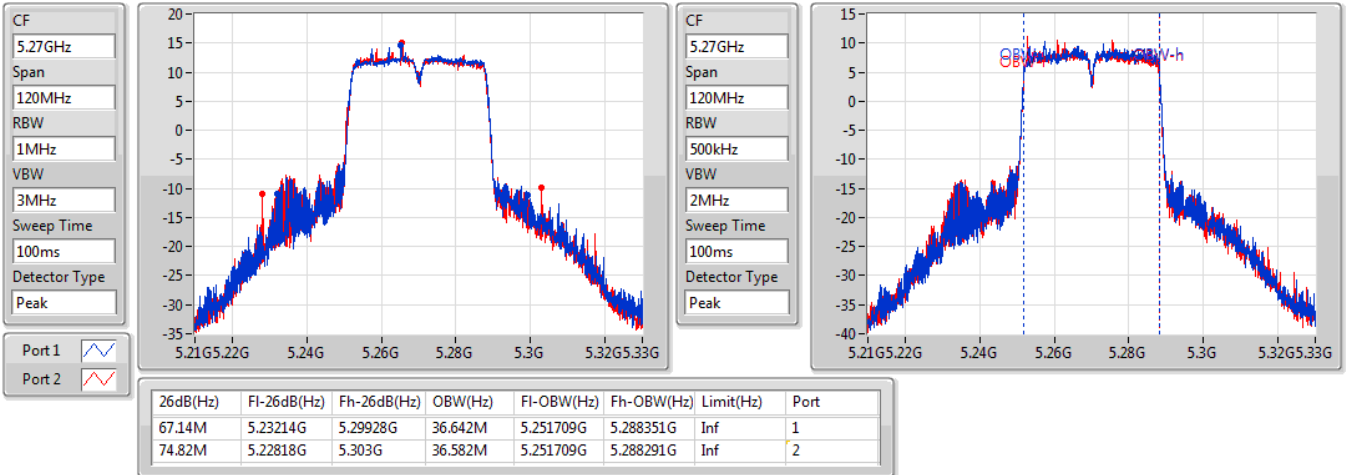


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

21/01/2020

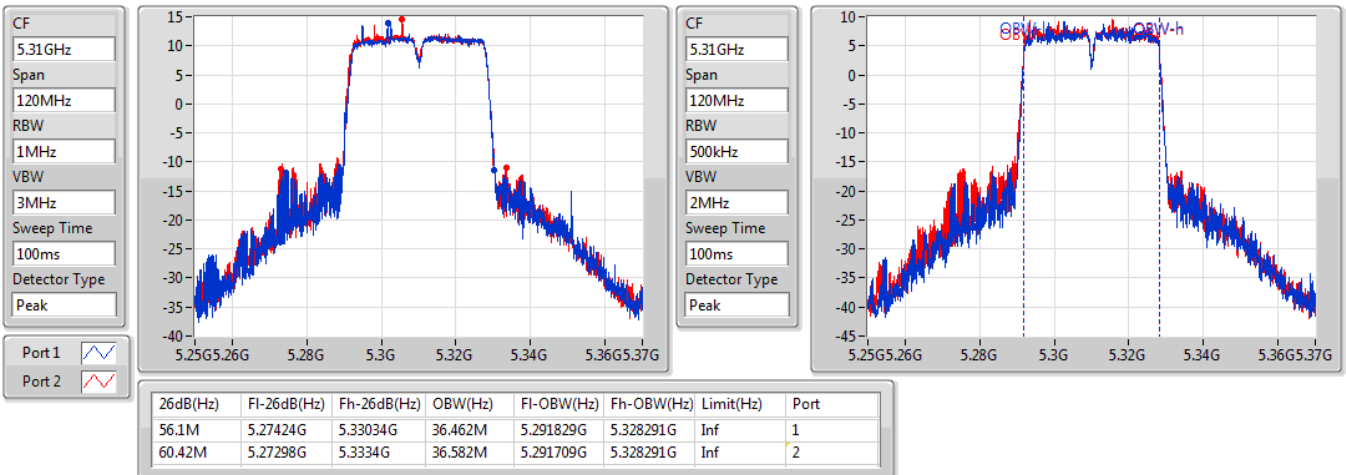


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

21/01/2020

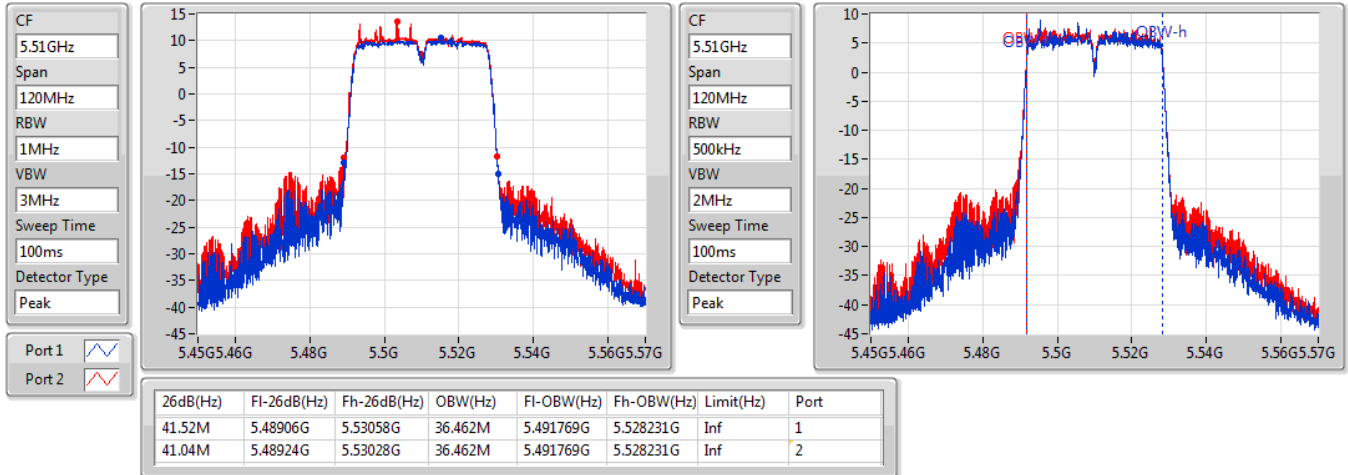


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

21/01/2020

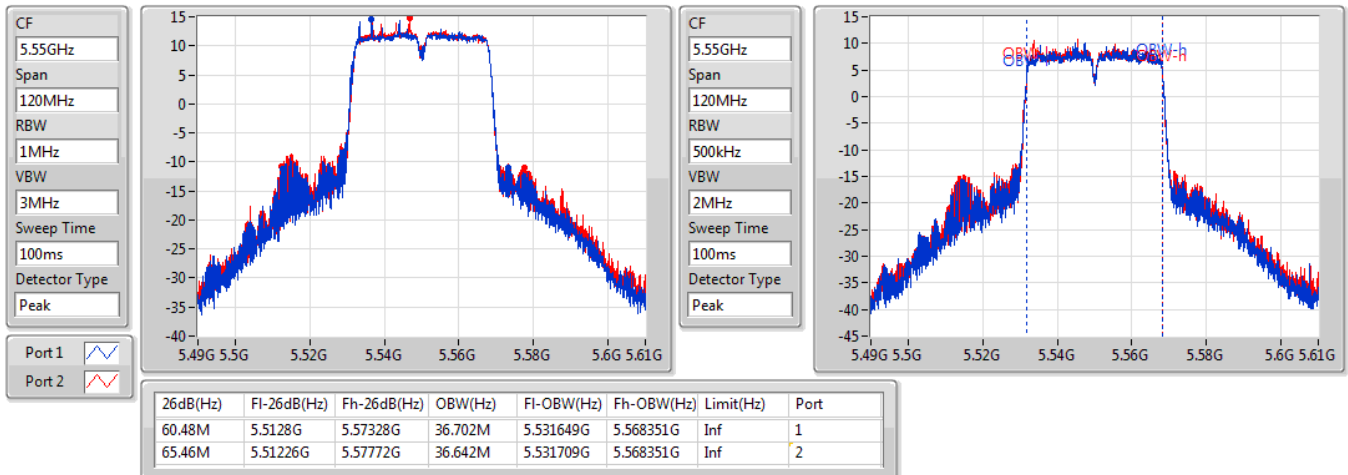


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

21/01/2020

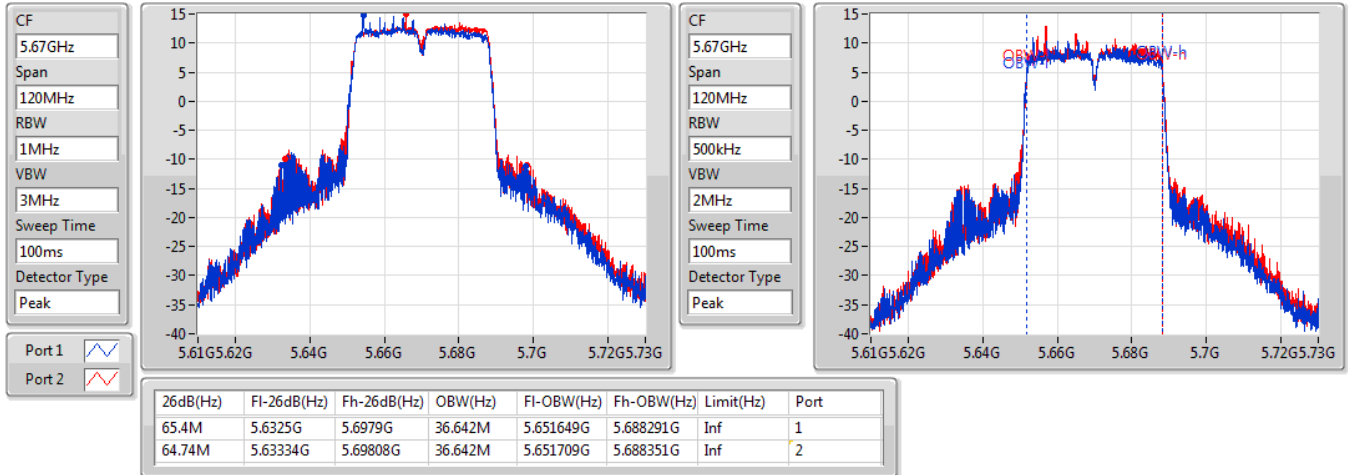


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

21/01/2020

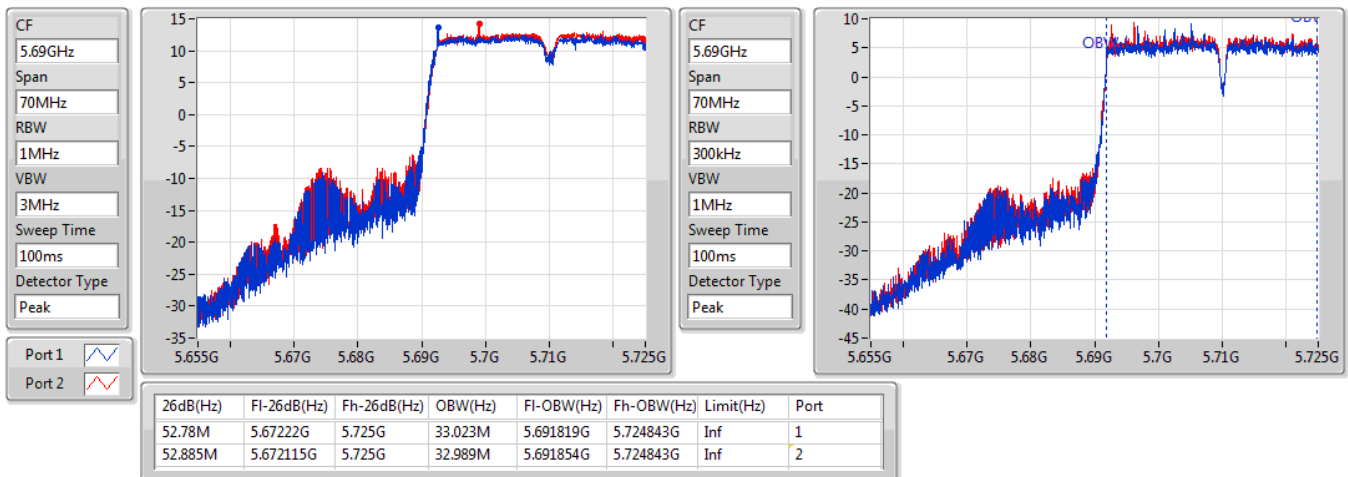


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

21/01/2020

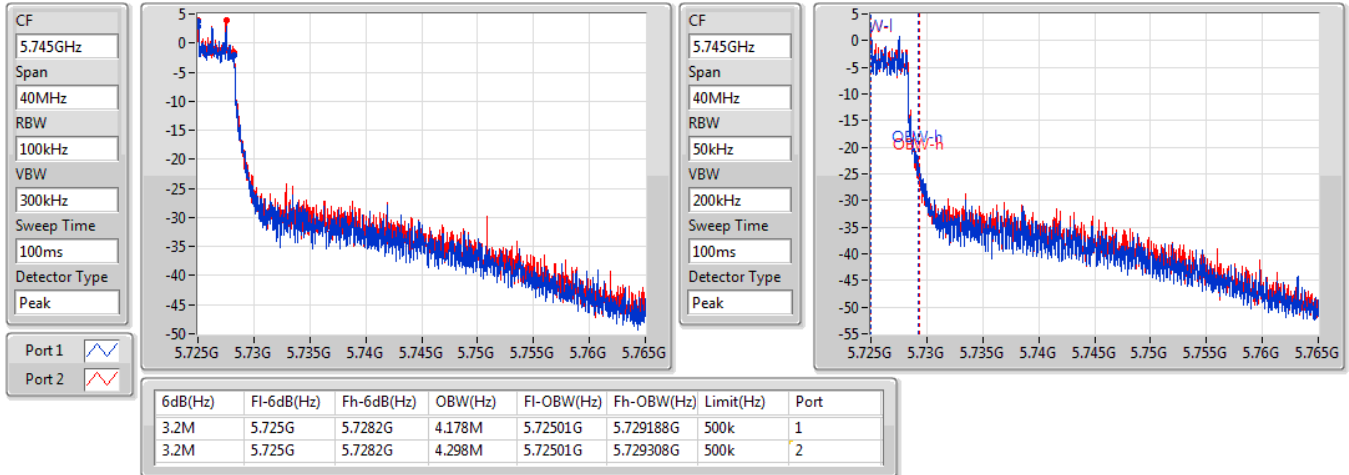


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

21/01/2020

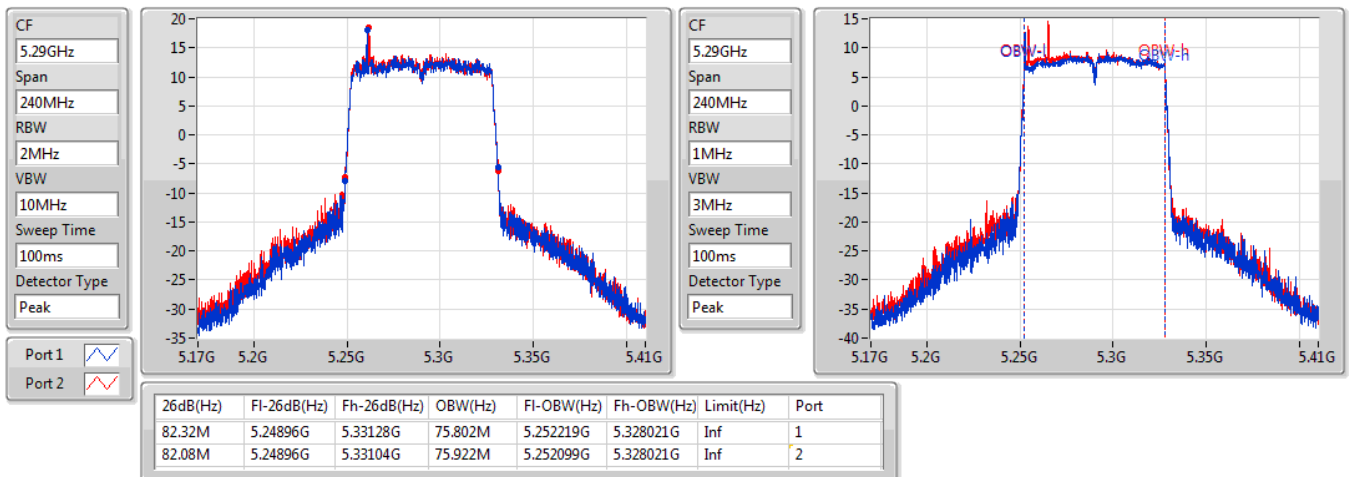


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

21/01/2020

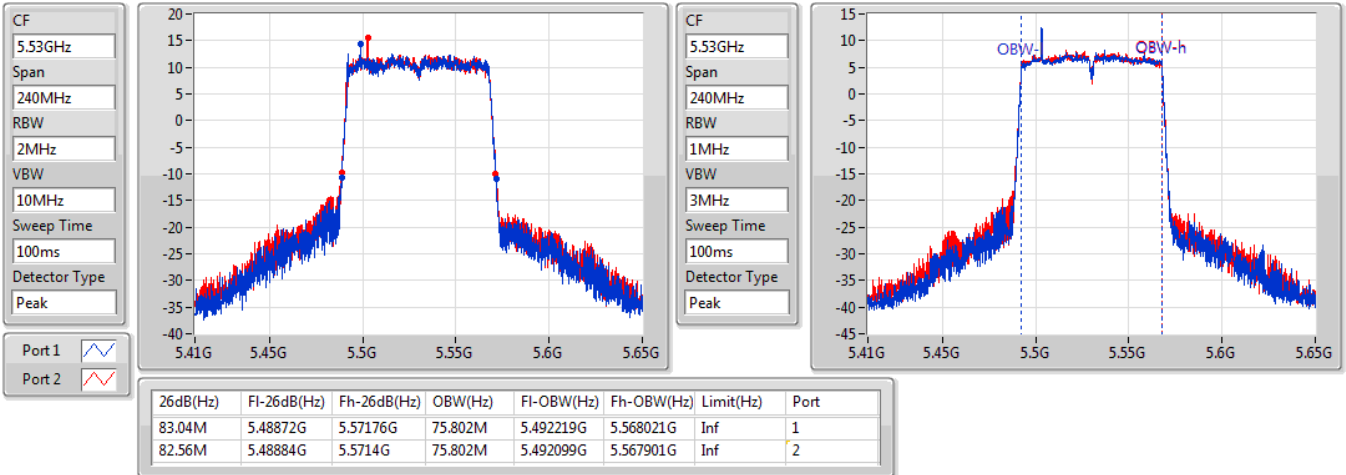


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

21/01/2020

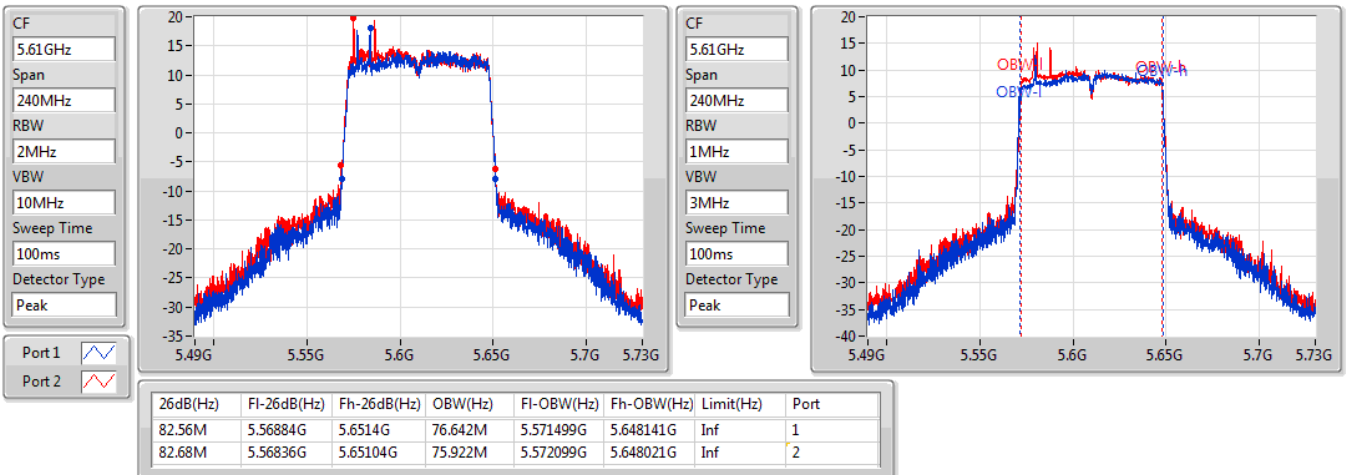


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

21/01/2020

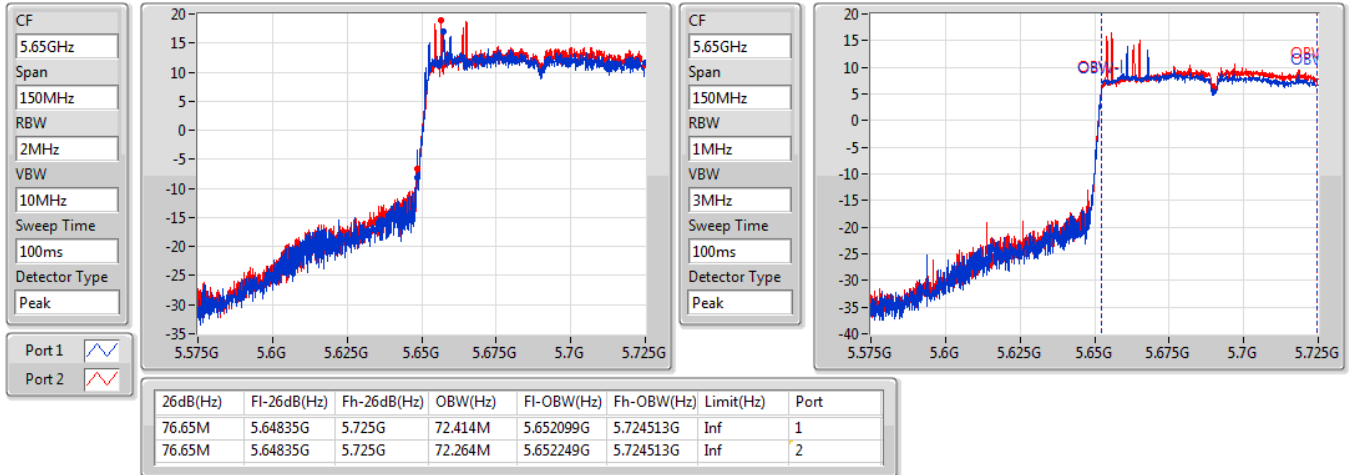


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

21/01/2020

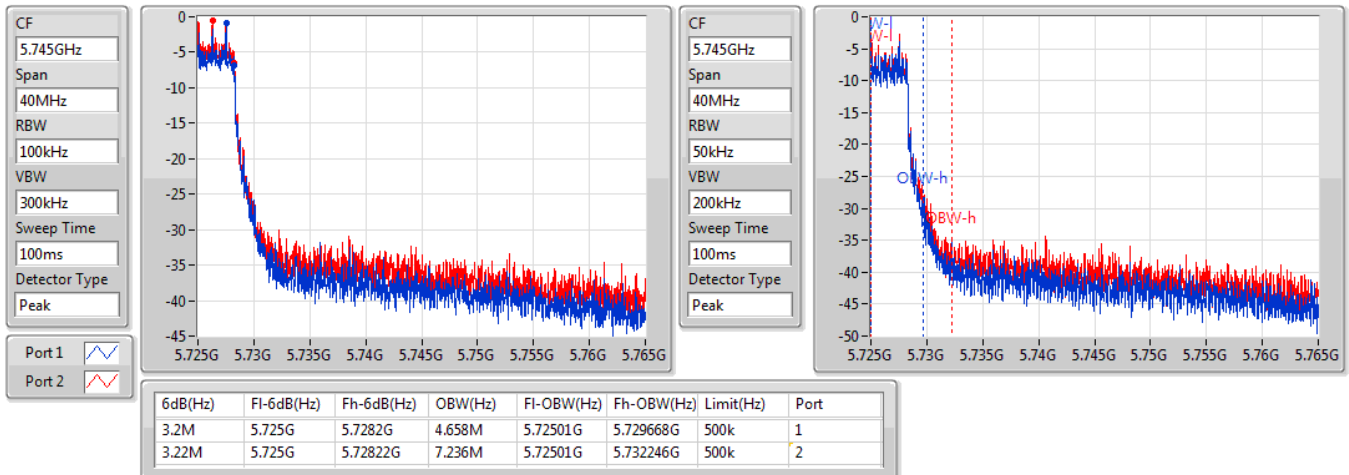


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

21/01/2020

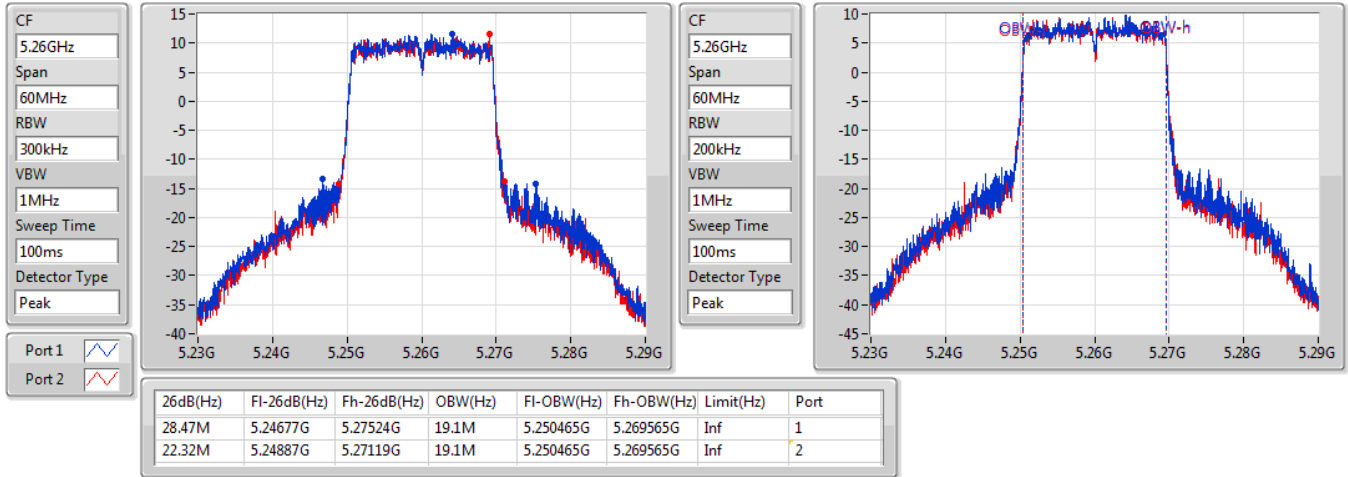


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

21/01/2020

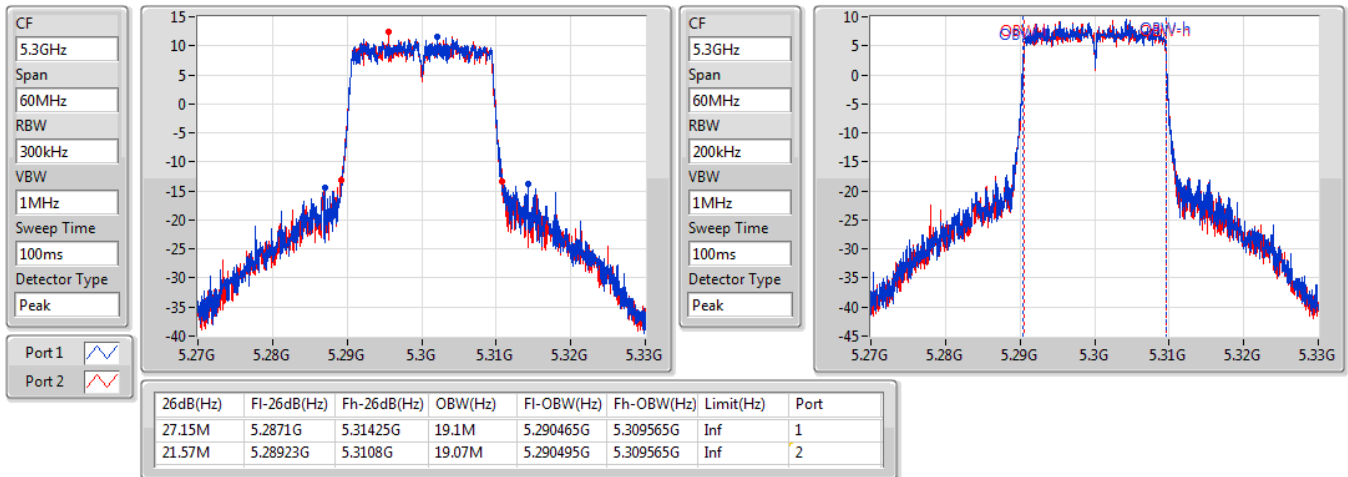


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

21/01/2020

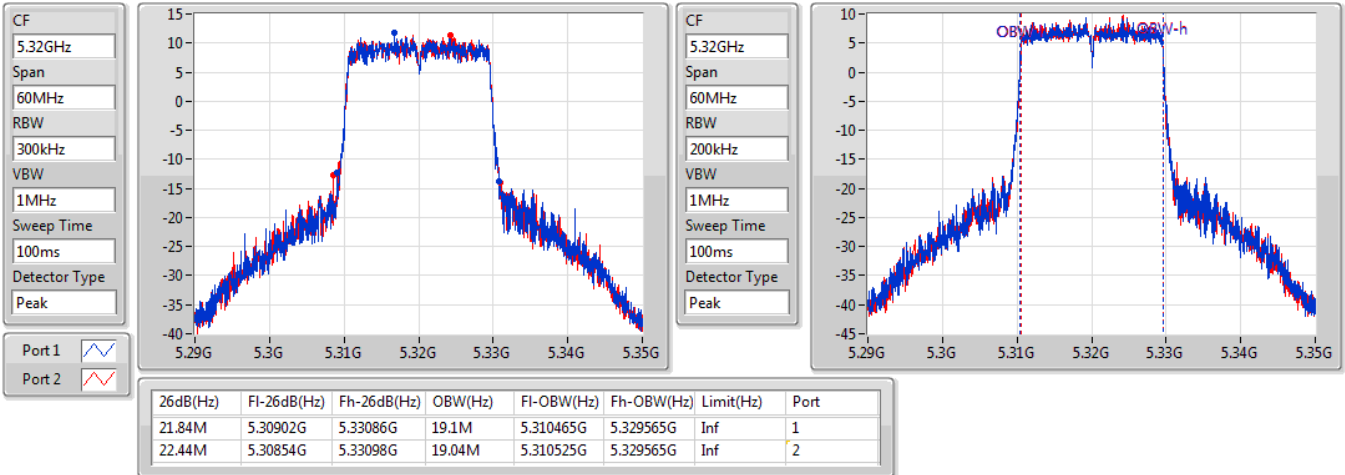


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

21/01/2020

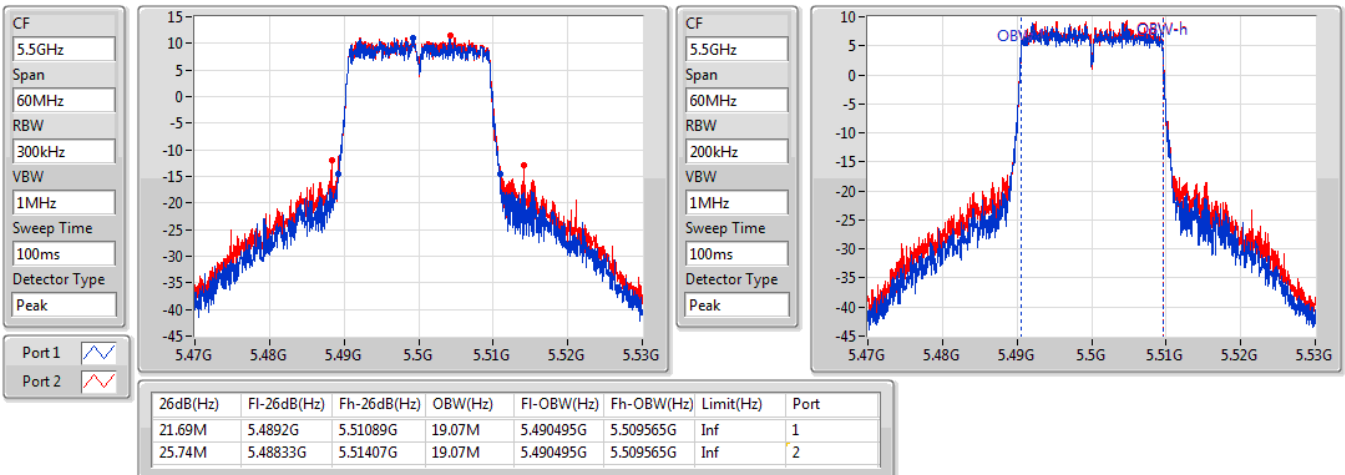


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

21/01/2020

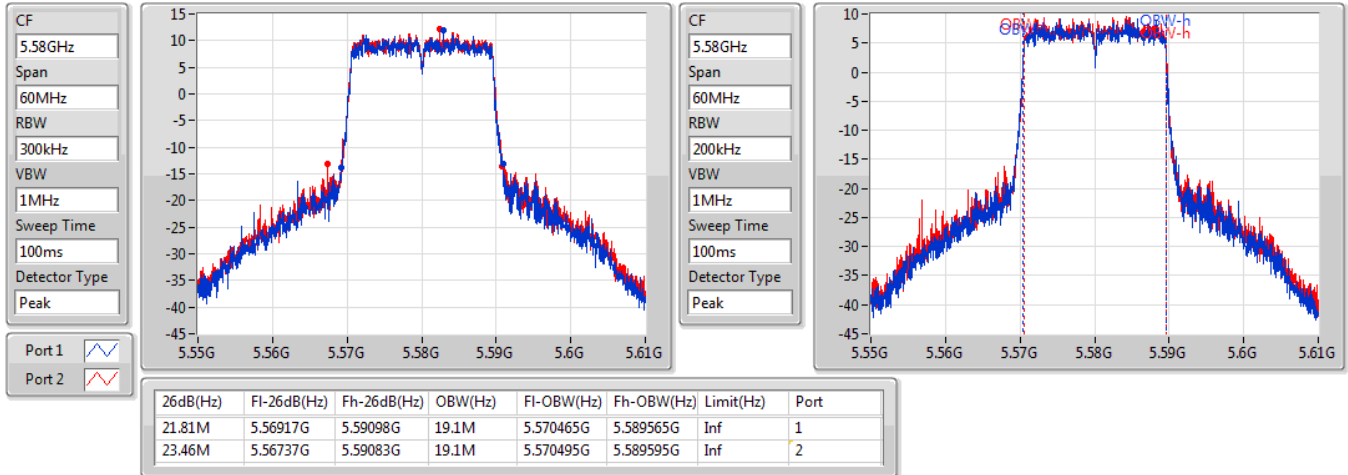


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

21/01/2020

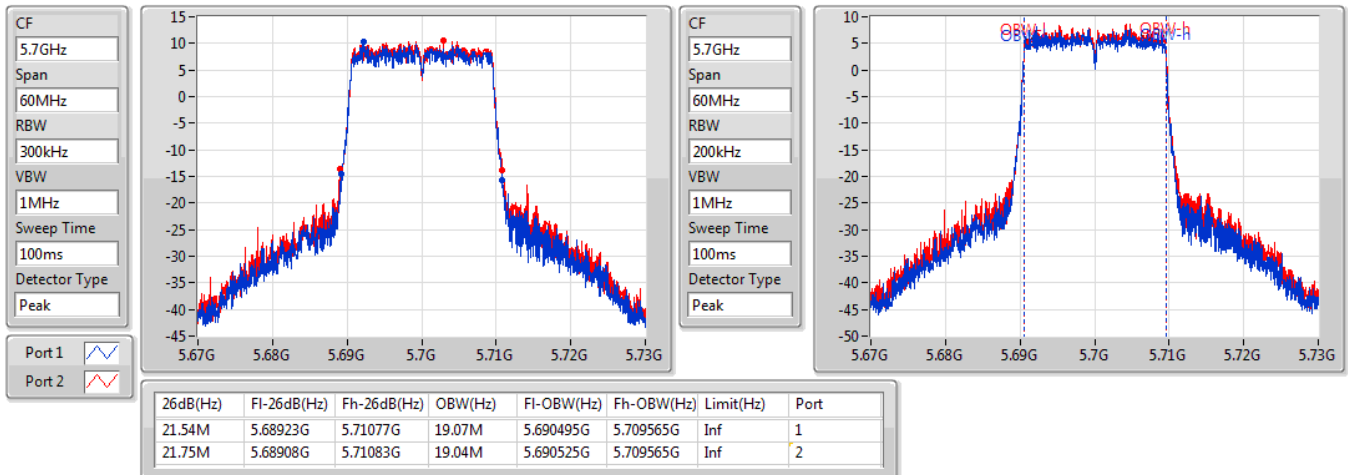


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

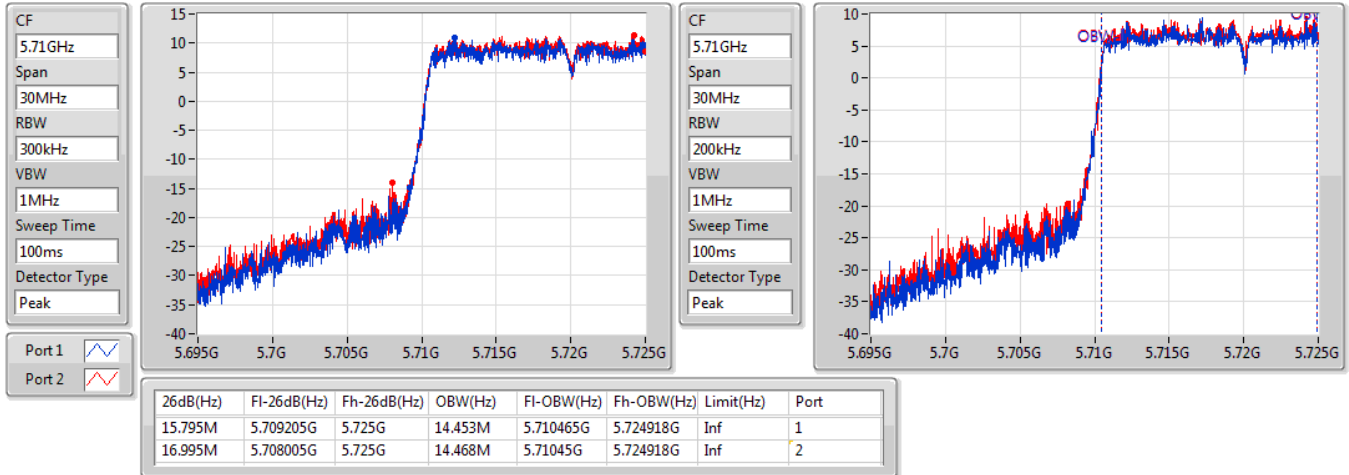
5700MHz

21/01/2020

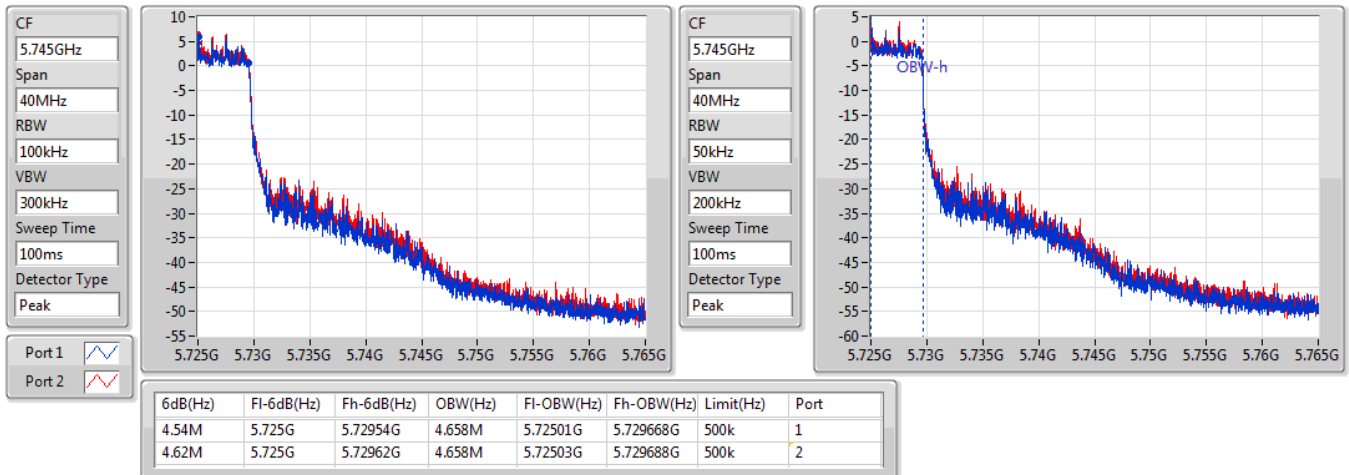


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

21/01/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

21/01/2020

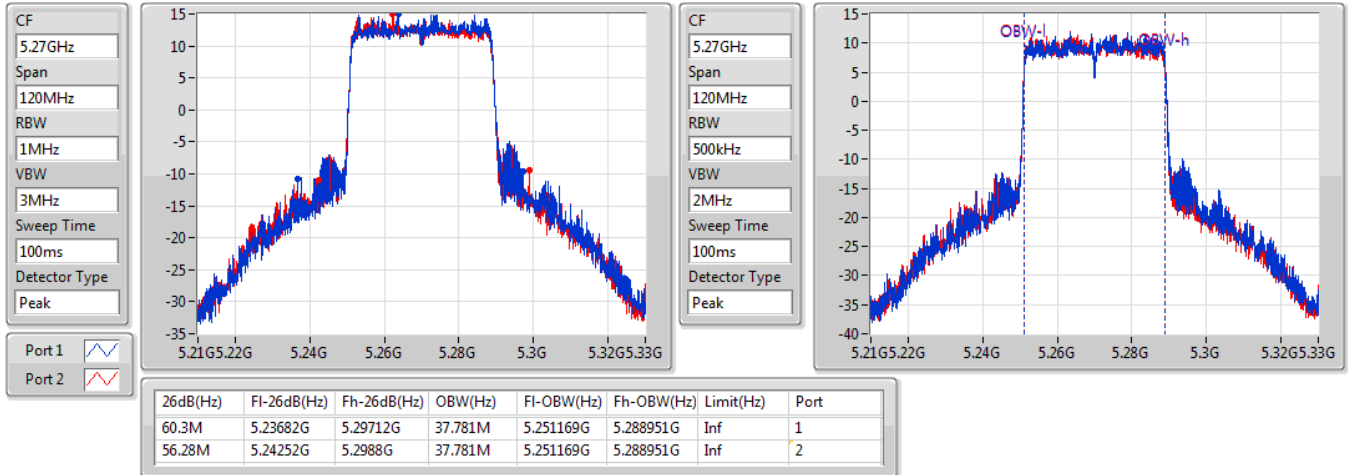


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

21/01/2020

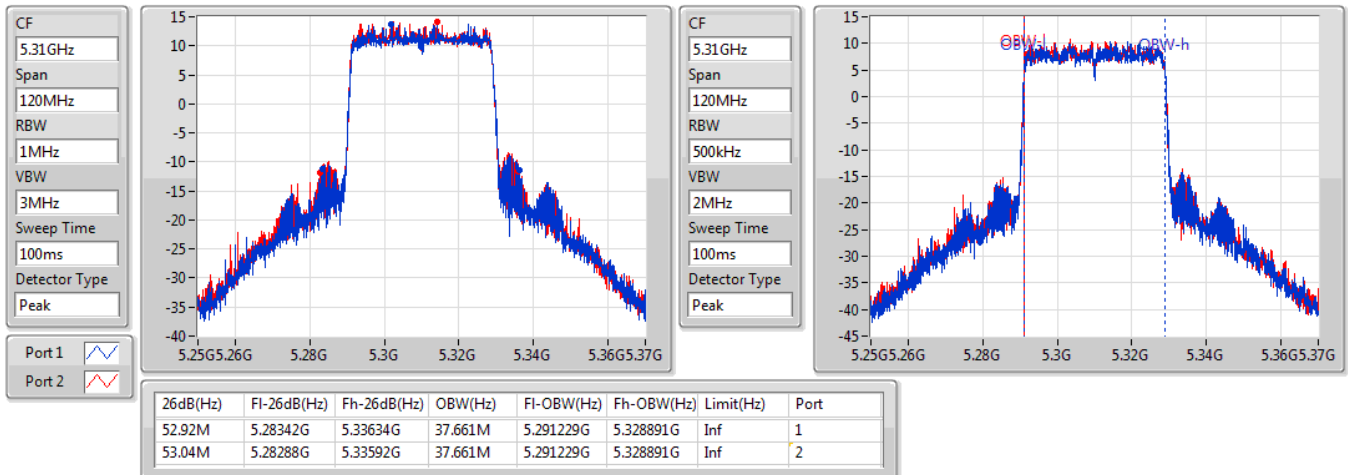


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

21/01/2020

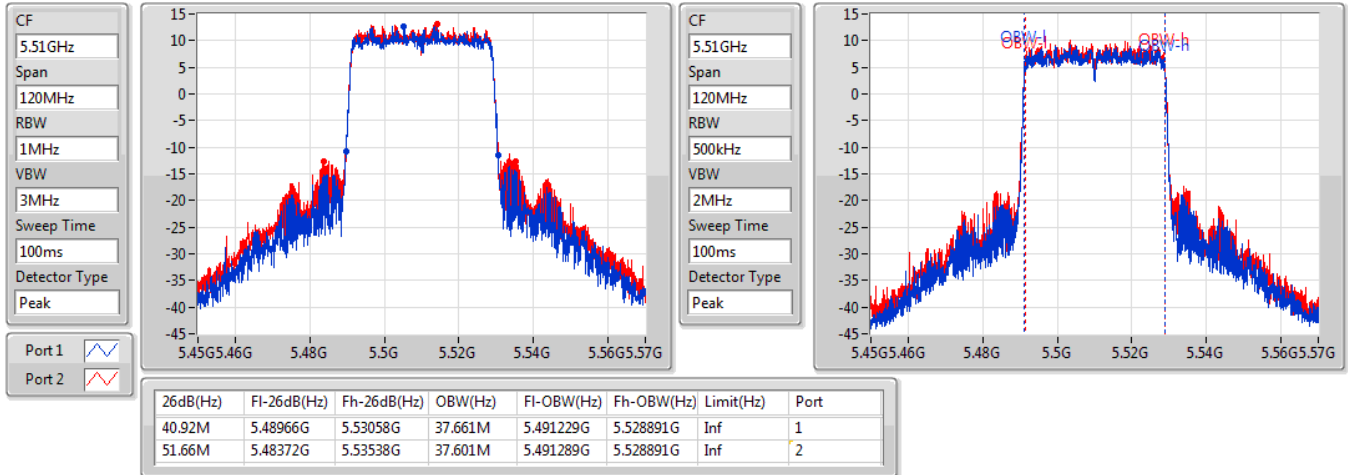


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

21/01/2020

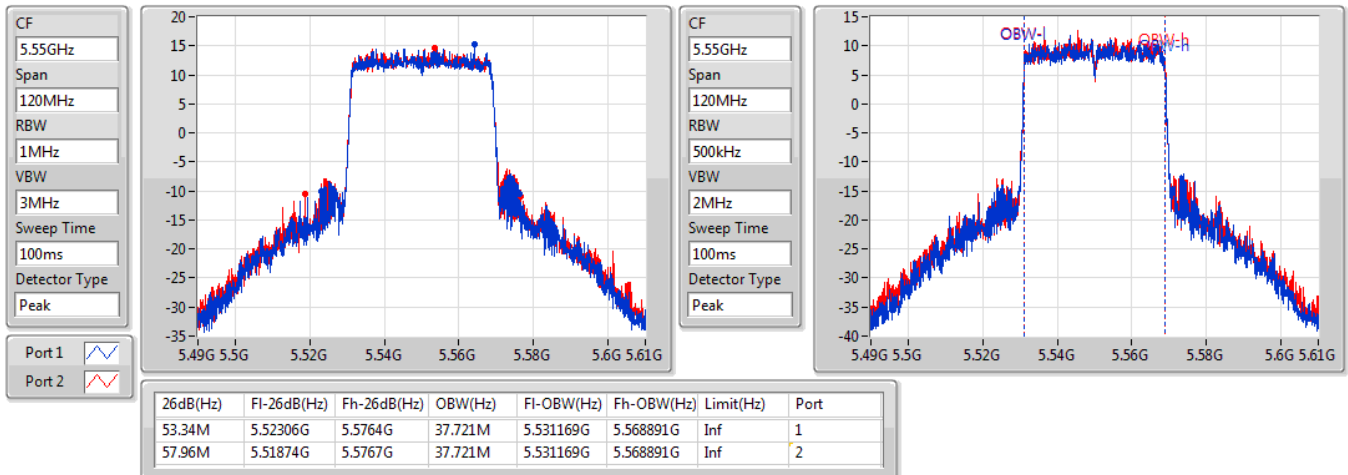


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

21/01/2020

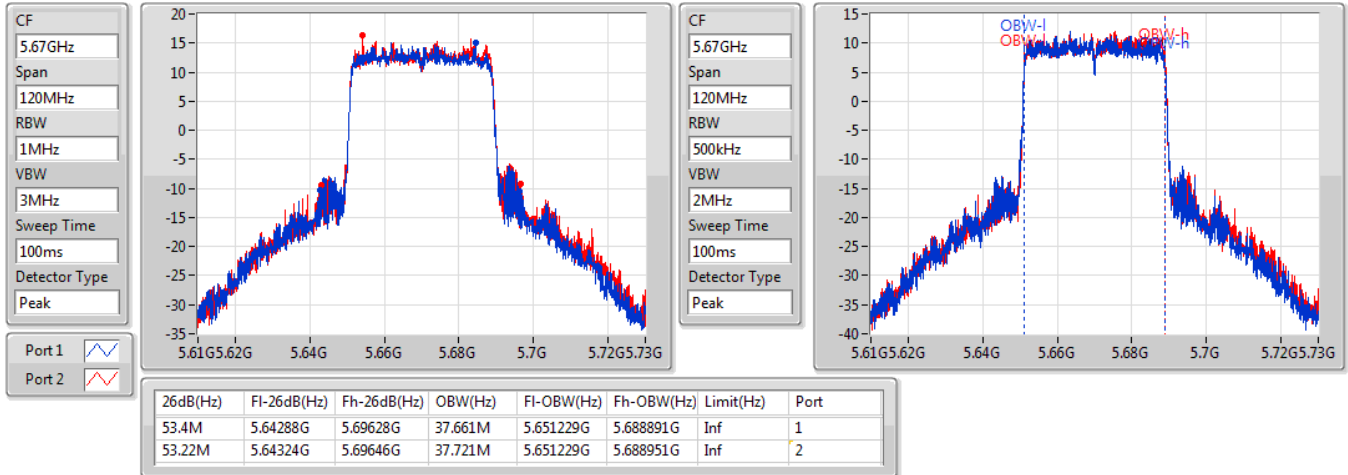


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

21/01/2020

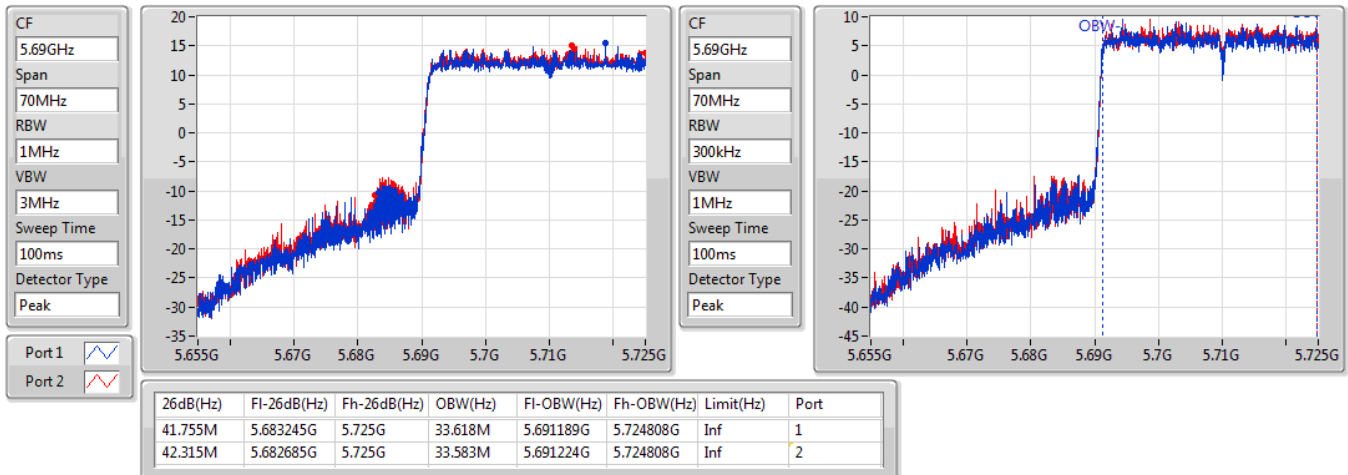


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

21/01/2020

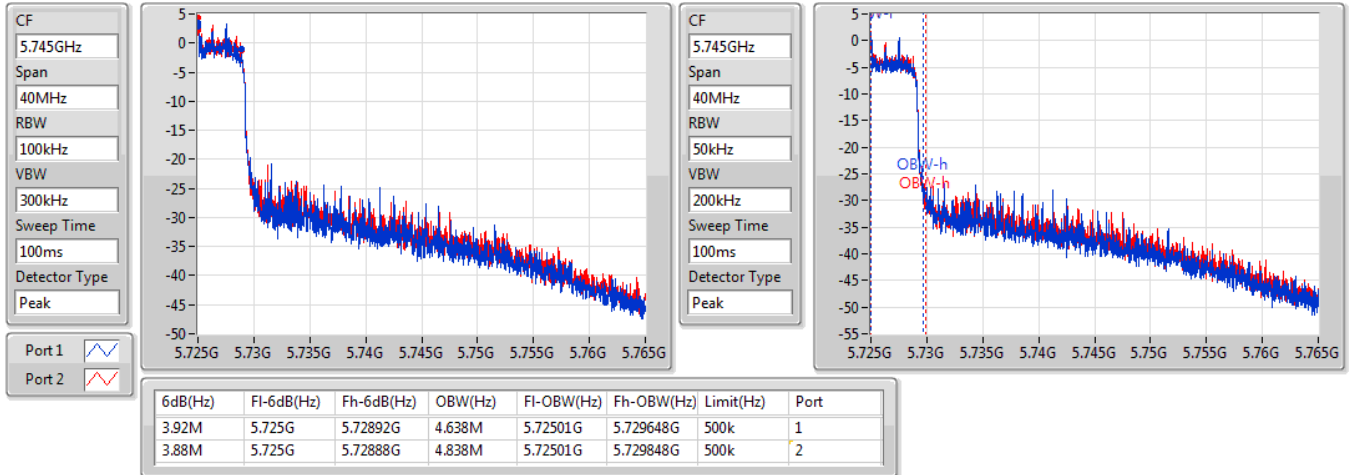


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

21/01/2020

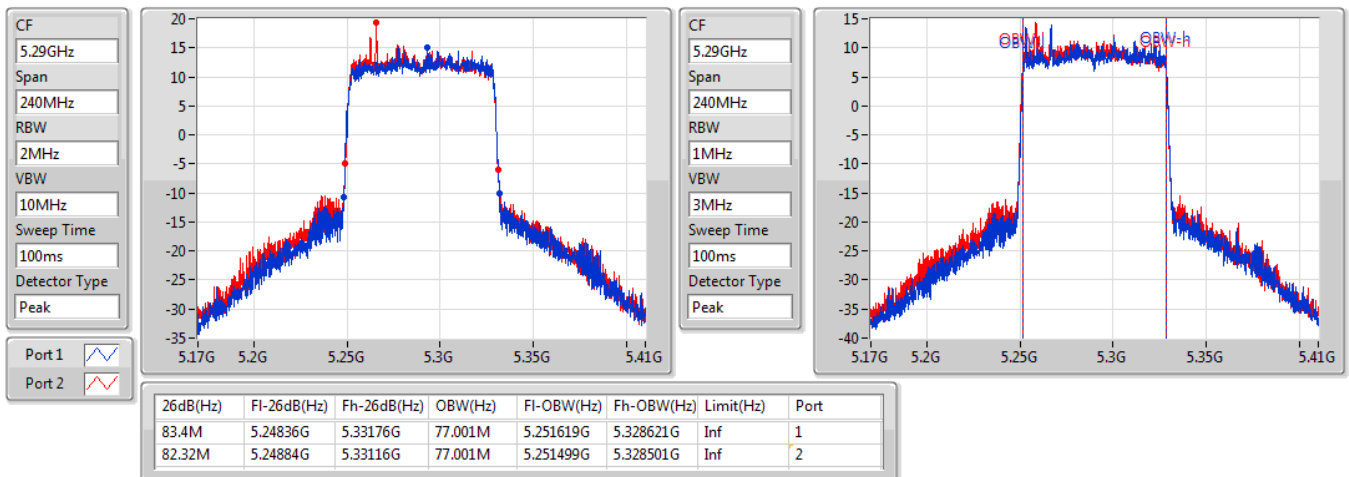


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

21/01/2020

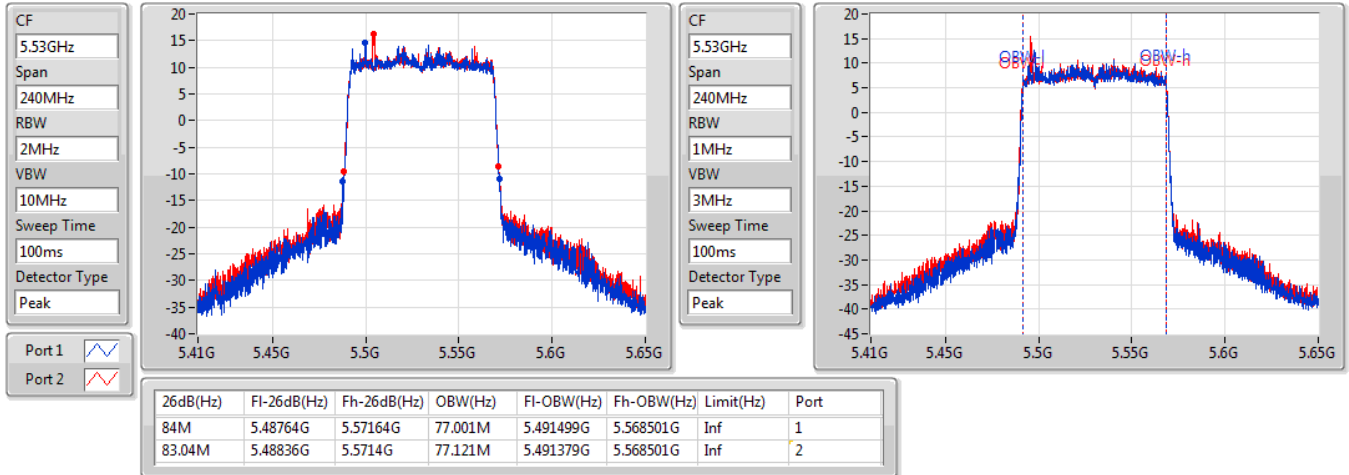


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

21/01/2020

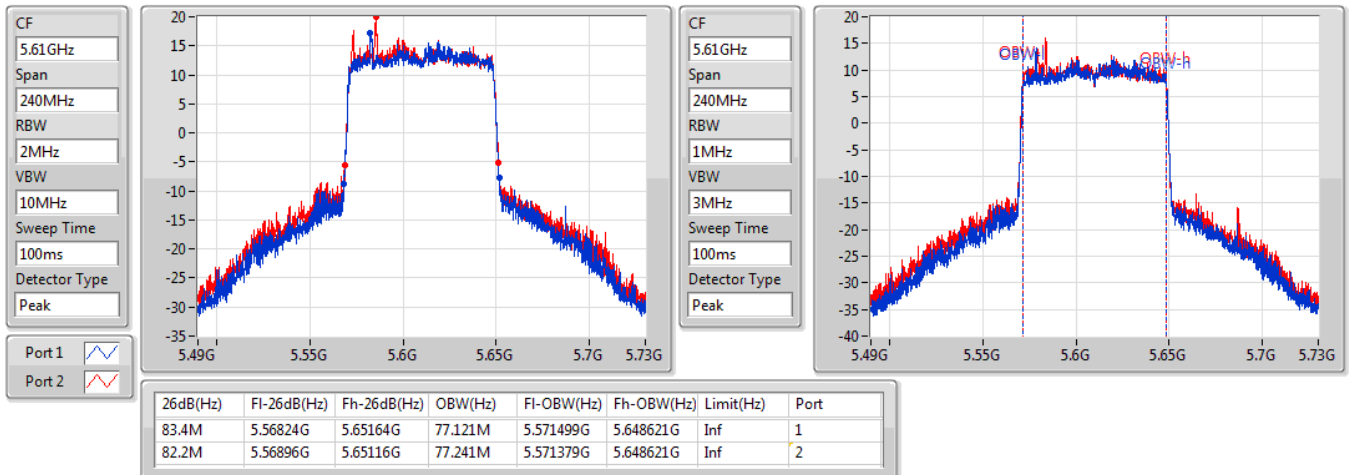


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

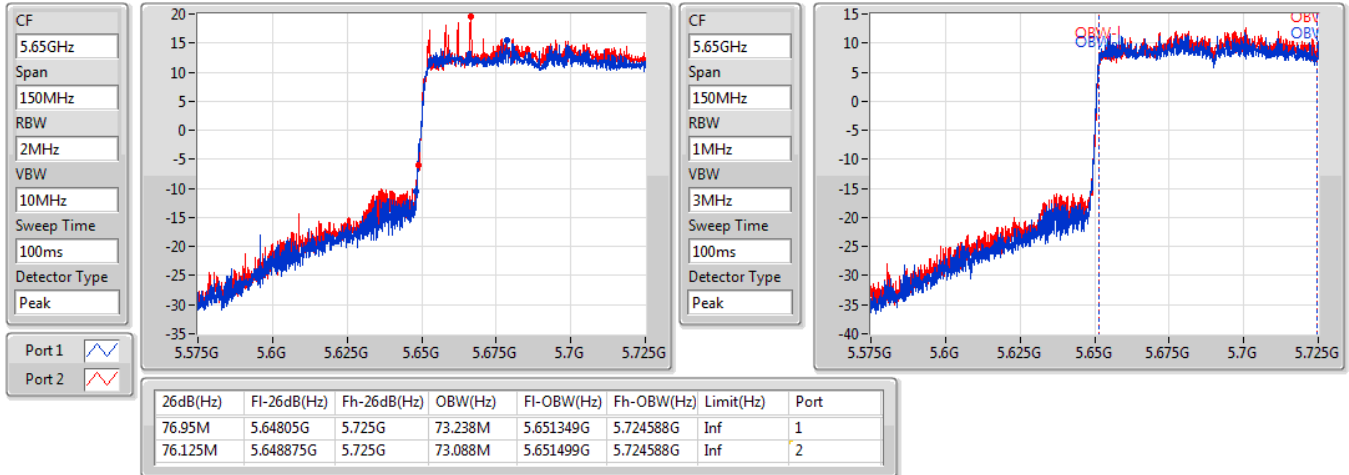
5610MHz

21/01/2020

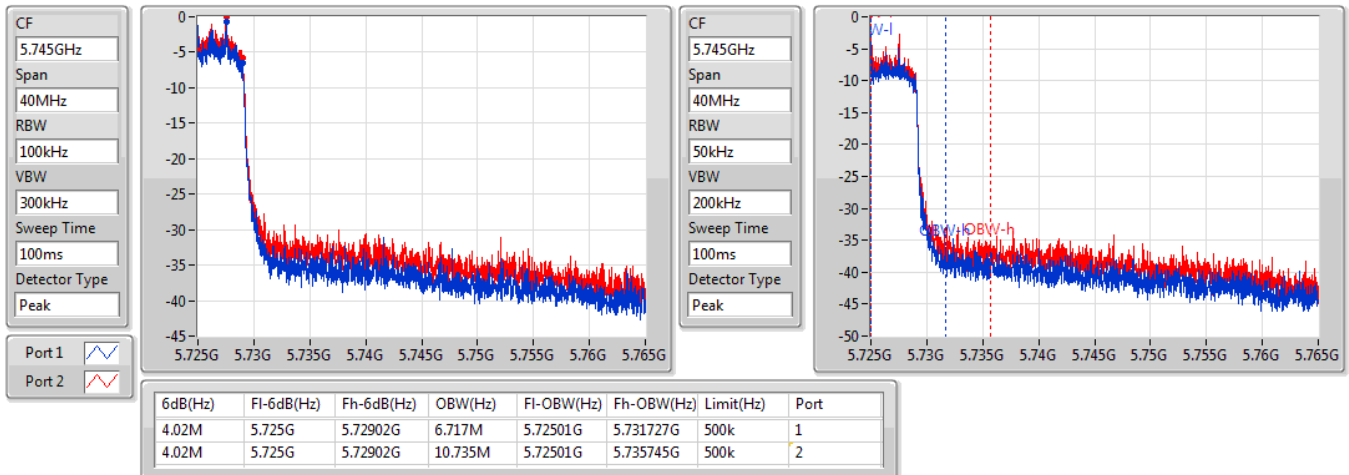


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

21/01/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

21/01/2020



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.72M	17.931M	17M9D1D	21.48M	17.721M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.1M	36.642M	36M6D1D	40.38M	36.162M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.2M	76.042M	76M0D1D	82.08M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.78M	19.04M	19M0D1D	21.18M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.22M	37.541M	37M5D1D	40.56M	37.121M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.56M	77.241M	77M2D1D	82.08M	76.162M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.84M	17.901M	17M9D1D	15.735M	13.838M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.16M	36.522M	36M5D1D	35.455M	32.919M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.44M	76.042M	76M0D1D	75.825M	72.189M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.6M	19.04M	19M0D1D	15.72M	14.423M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.6M	37.661M	37M7D1D	35.385M	33.513M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.28M	77.841M	77M8D1D	76.425M	73.013M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.82M	4.398M	4M40D1D	3.82M	4.378M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.2M	3.718M	3M72D1D	3.2M	3.618M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.24M	4.198M	4M20D1D	3.2M	3.818M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.54M	4.618M	4M62D1D	4.52M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.94M	4.138M	4M14D1D	3.94M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.96M	4.198M	4M20D1D	3.92M	4.158M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.69M	17.871M	21.63M	17.781M
5300MHz	Pass	Inf	21.72M	17.931M	21.48M	17.811M
5320MHz	Pass	Inf	21.54M	17.721M	21.57M	17.931M
5500MHz	Pass	Inf	21.84M	17.871M	21.57M	17.811M
5580MHz	Pass	Inf	21.72M	17.901M	21.66M	17.811M
5700MHz	Pass	Inf	21.69M	17.811M	21.51M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.735M	13.883M	15.84M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	4.378M	3.82M	4.398M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.38M	36.282M	40.98M	36.642M
5310MHz	Pass	Inf	40.98M	36.162M	41.1M	36.582M
5510MHz	Pass	Inf	41.16M	36.402M	40.86M	36.402M
5550MHz	Pass	Inf	41.1M	36.522M	40.68M	36.402M
5670MHz	Pass	Inf	40.8M	36.282M	40.74M	36.402M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.455M	33.023M	35.455M	32.919M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.618M	3.2M	3.718M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.682M	82.08M	76.042M
5530MHz	Pass	Inf	82.44M	75.442M	82.2M	76.042M
5610MHz	Pass	Inf	82.08M	75.682M	81.72M	75.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	72.189M	75.825M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.818M	3.2M	4.198M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.18M	18.921M	21.54M	19.04M
5300MHz	Pass	Inf	21.6M	18.951M	21.57M	18.981M
5320MHz	Pass	Inf	21.78M	19.01M	21.48M	19.01M
5500MHz	Pass	Inf	21.57M	19.04M	21.18M	18.951M
5580MHz	Pass	Inf	21.6M	18.951M	21.48M	18.981M
5700MHz	Pass	Inf	21.18M	18.981M	21.6M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.72M	14.423M	15.84M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.618M	4.52M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.541M	40.68M	37.541M
5310MHz	Pass	Inf	41.22M	37.301M	40.56M	37.121M
5510MHz	Pass	Inf	40.98M	37.661M	41.04M	37.421M
5550MHz	Pass	Inf	40.98M	37.601M	40.98M	37.481M
5670MHz	Pass	Inf	42.6M	37.481M	40.8M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.56M	33.618M	35.385M	33.513M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.138M	3.94M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.56M	77.241M	82.08M	76.162M
5530MHz	Pass	Inf	83.04M	77.841M	82.2M	76.642M
5610MHz	Pass	Inf	83.04M	77.001M	83.28M	76.882M



EBW_Beamforming_Sample 2_Radio 1_Omni_2T1S

Appendix A.15

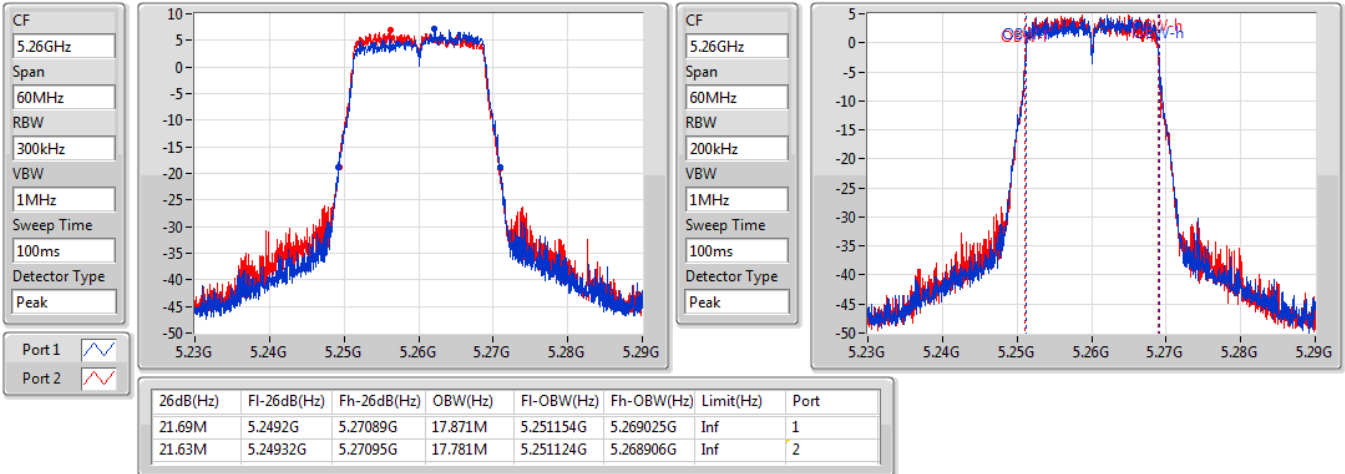
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	73.163M	76.575M	73.013M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.158M	3.96M	4.198M

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

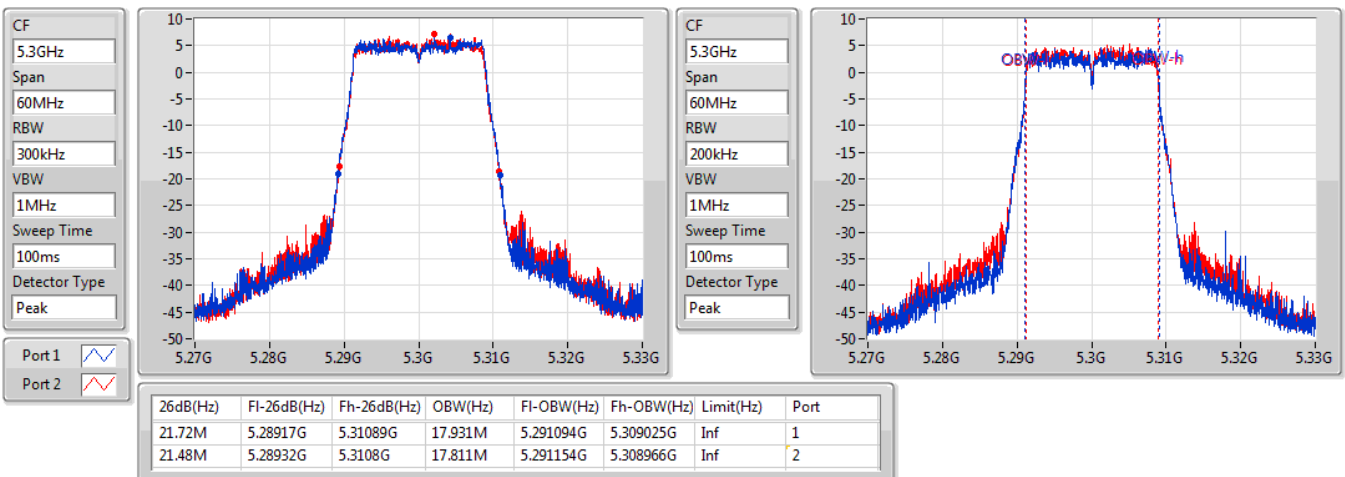
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

23/01/2020


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

23/01/2020

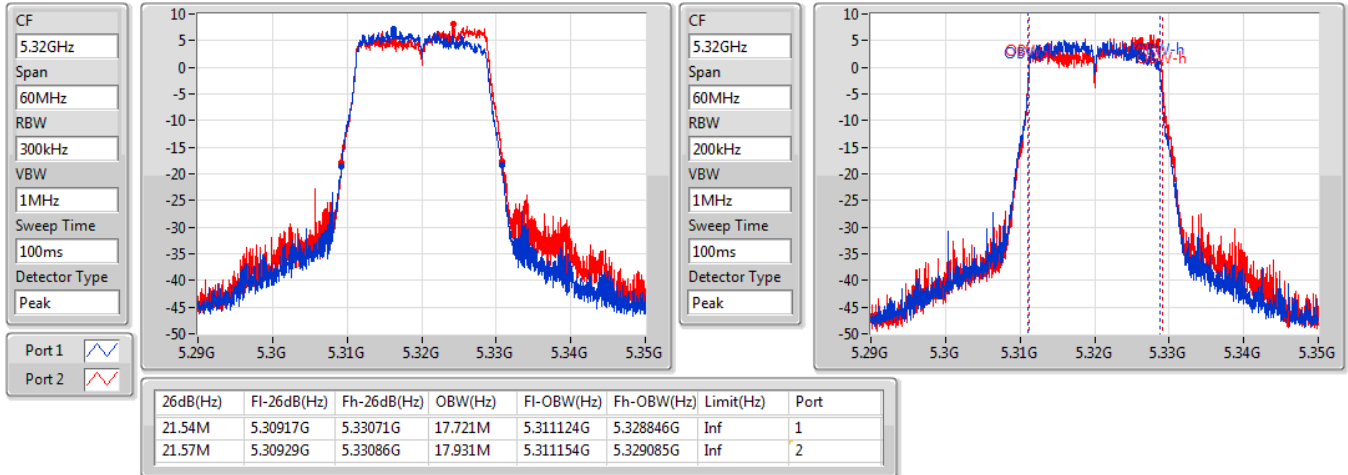


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

23/01/2020

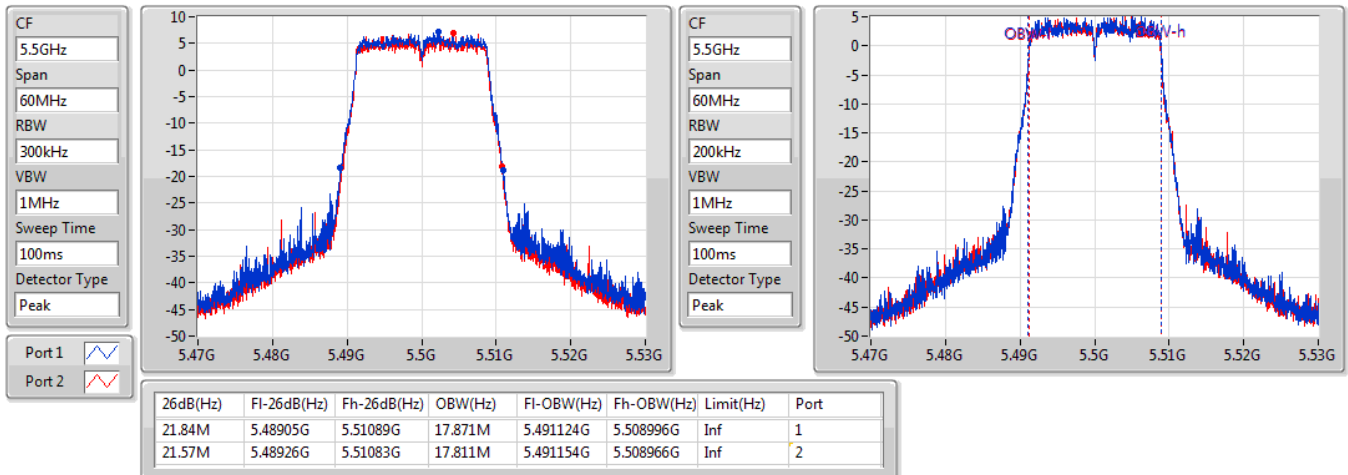


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

23/01/2020

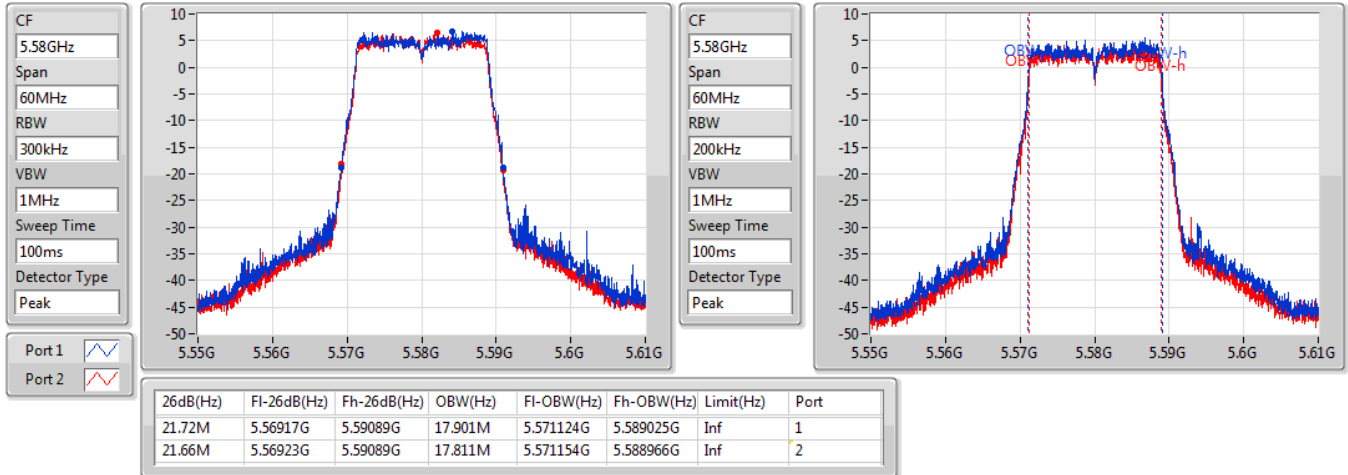


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

23/01/2020

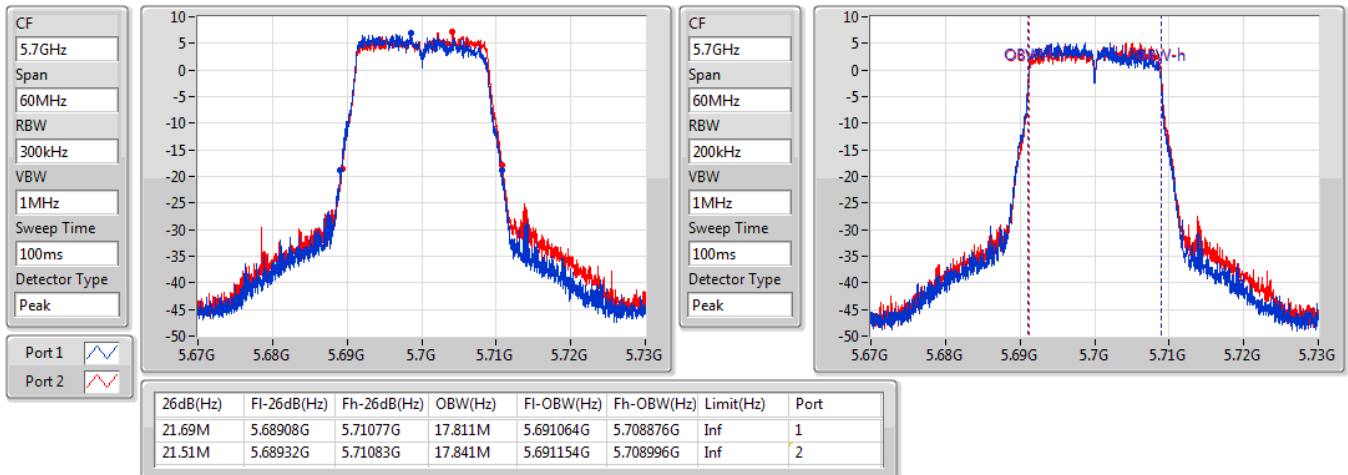


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

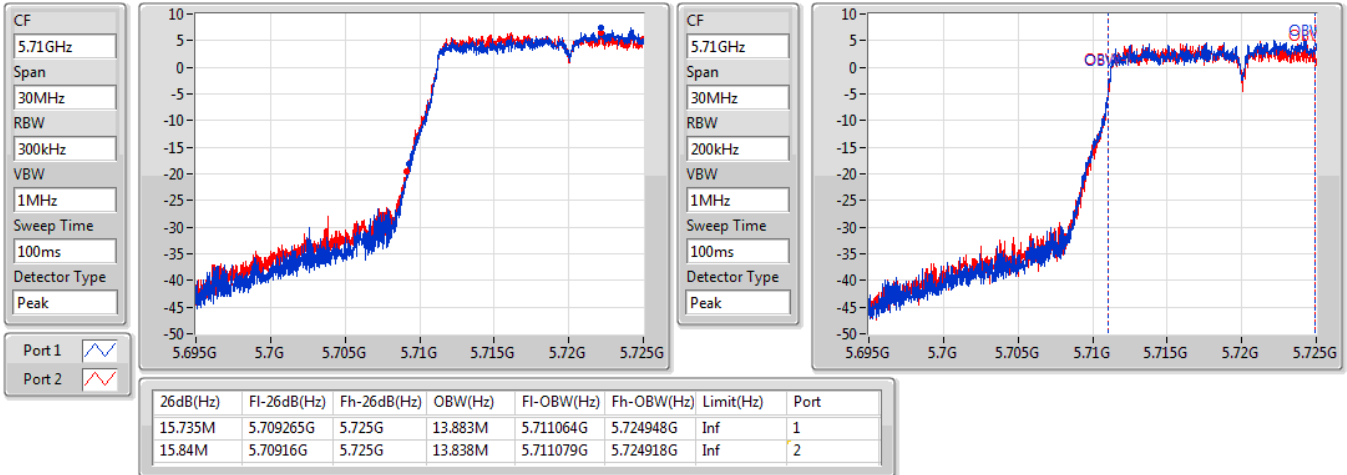
5700MHz

23/01/2020

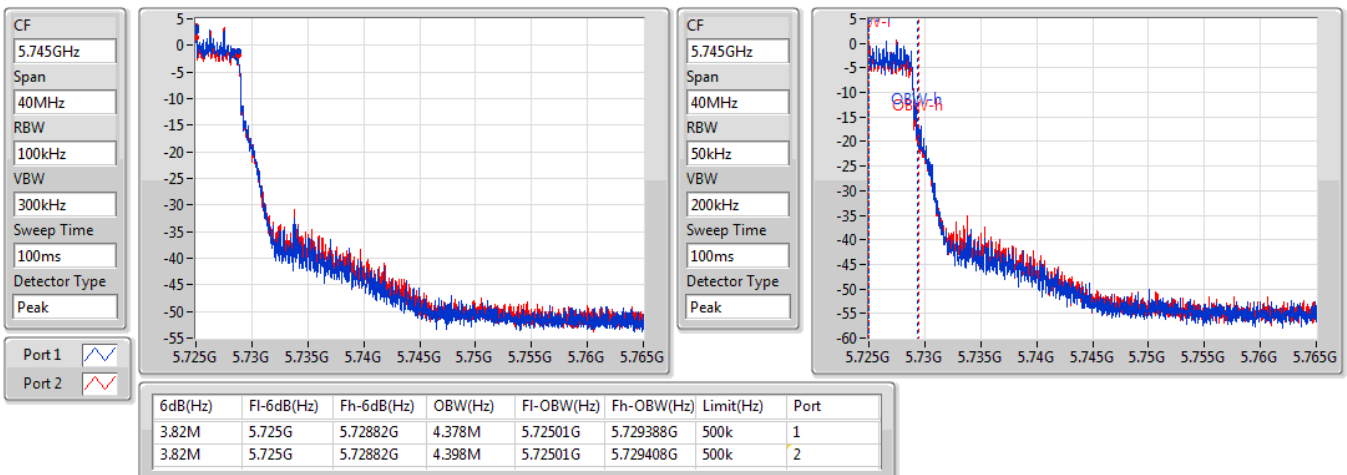


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/01/2020

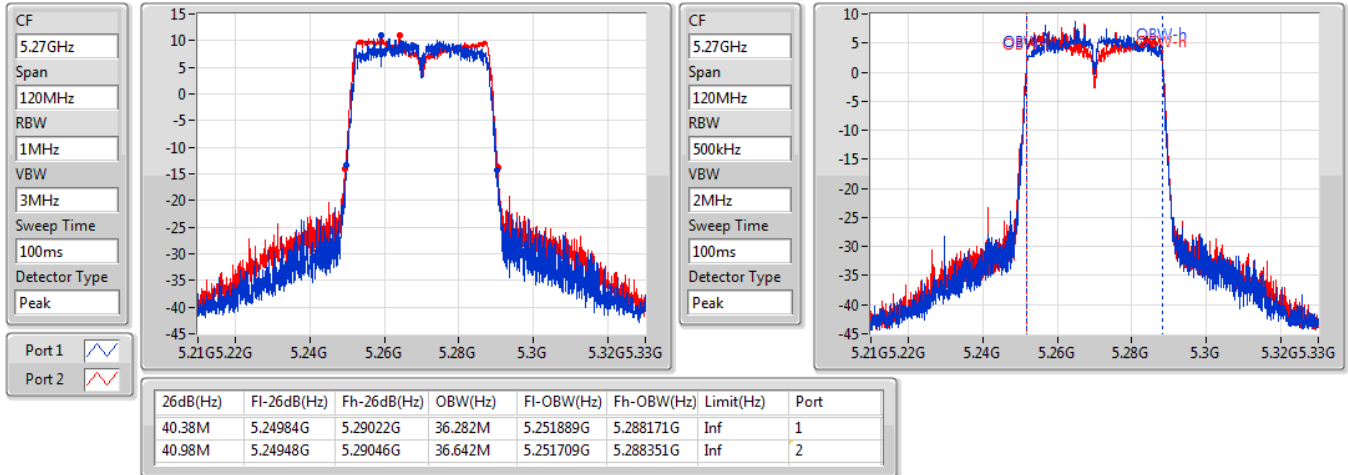

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/01/2020

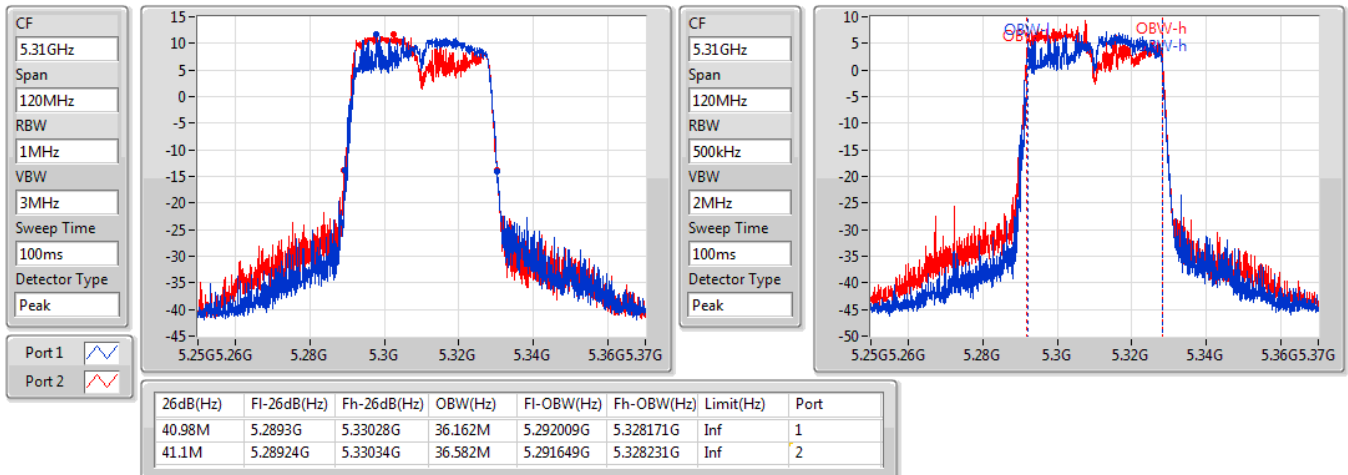


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

23/01/2020


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

23/01/2020

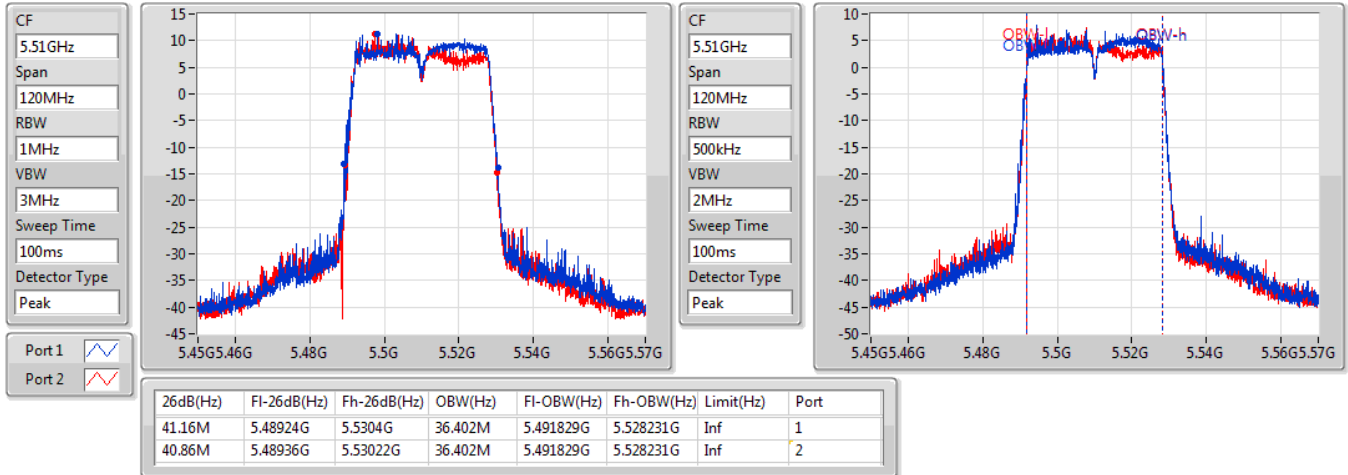


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2020

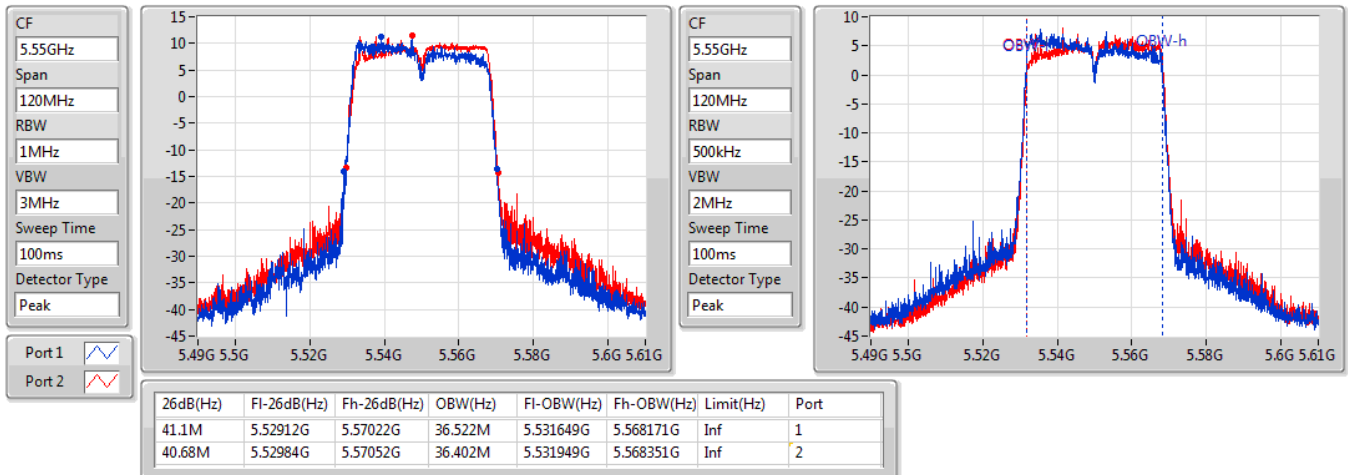


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

23/01/2020

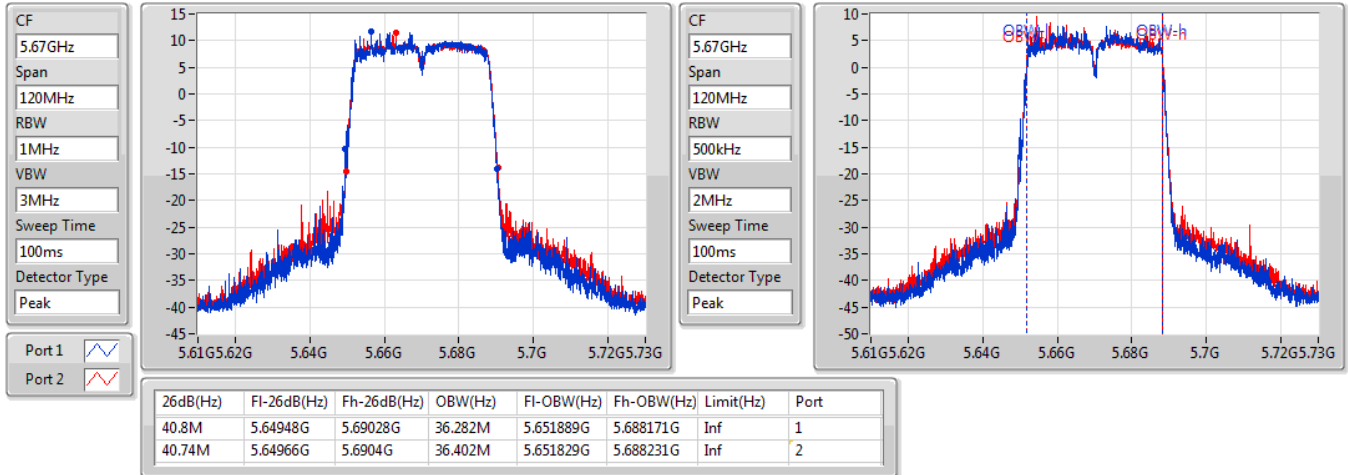


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

23/01/2020

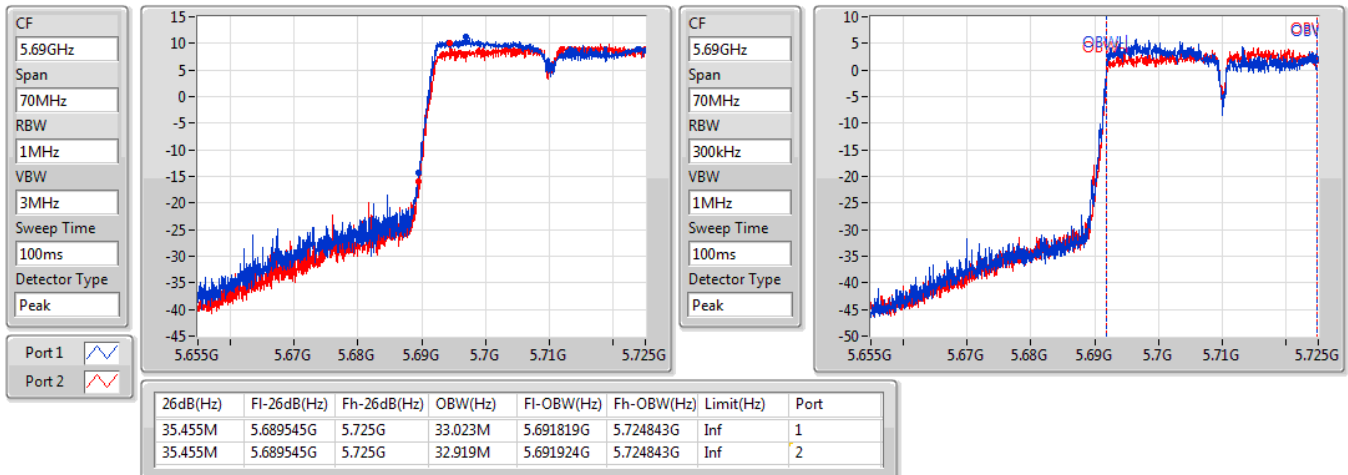


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

23/01/2020

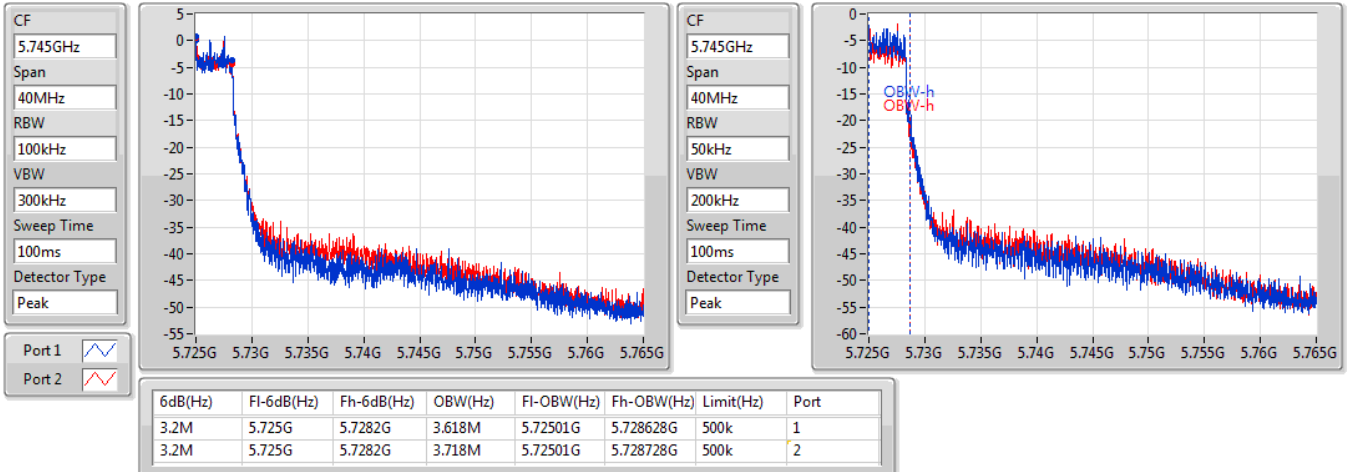


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/01/2020

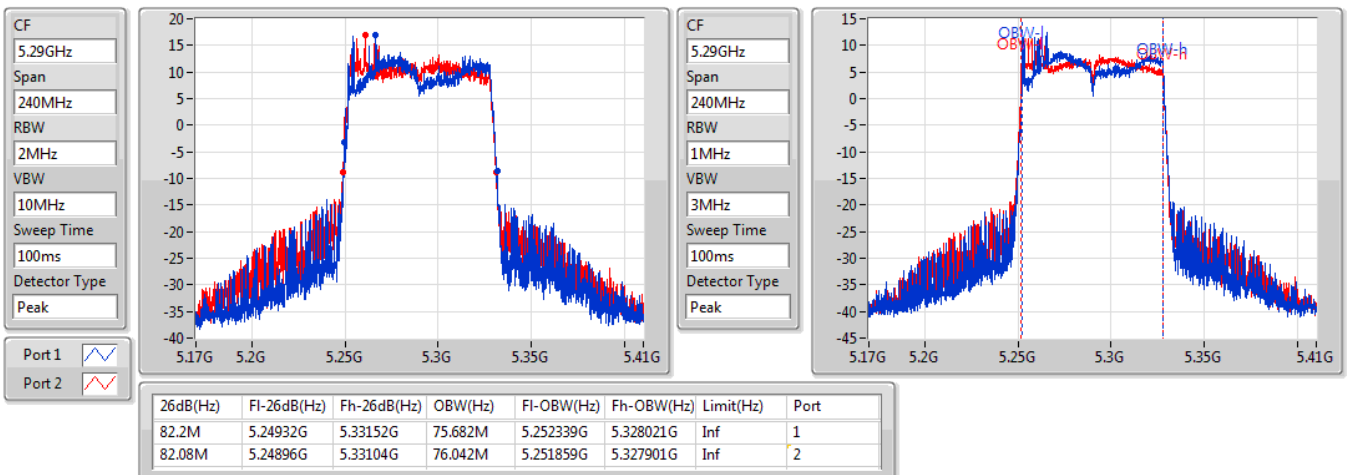


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

23/01/2020

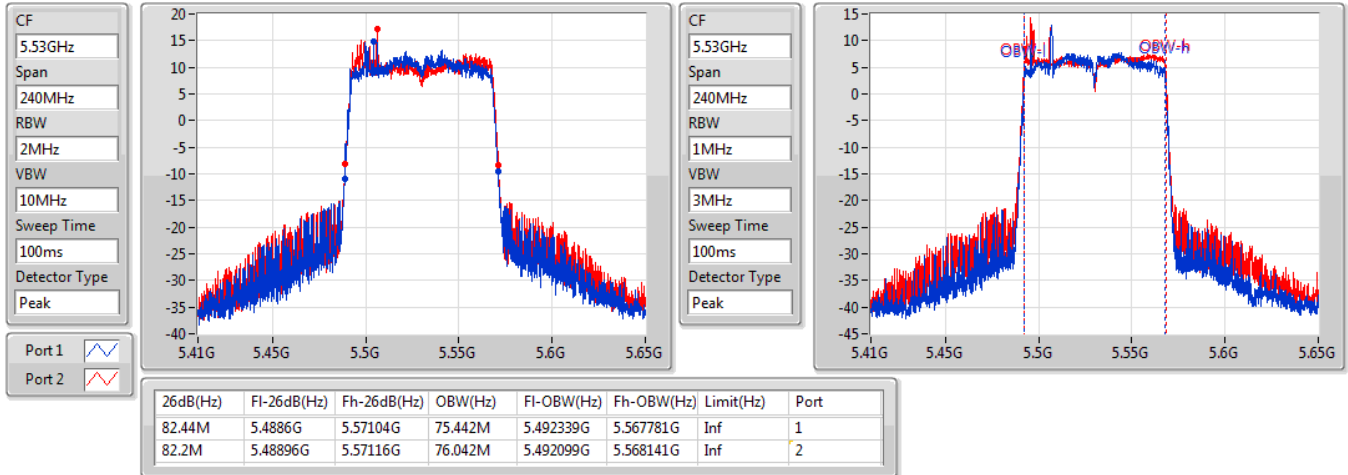


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

23/01/2020

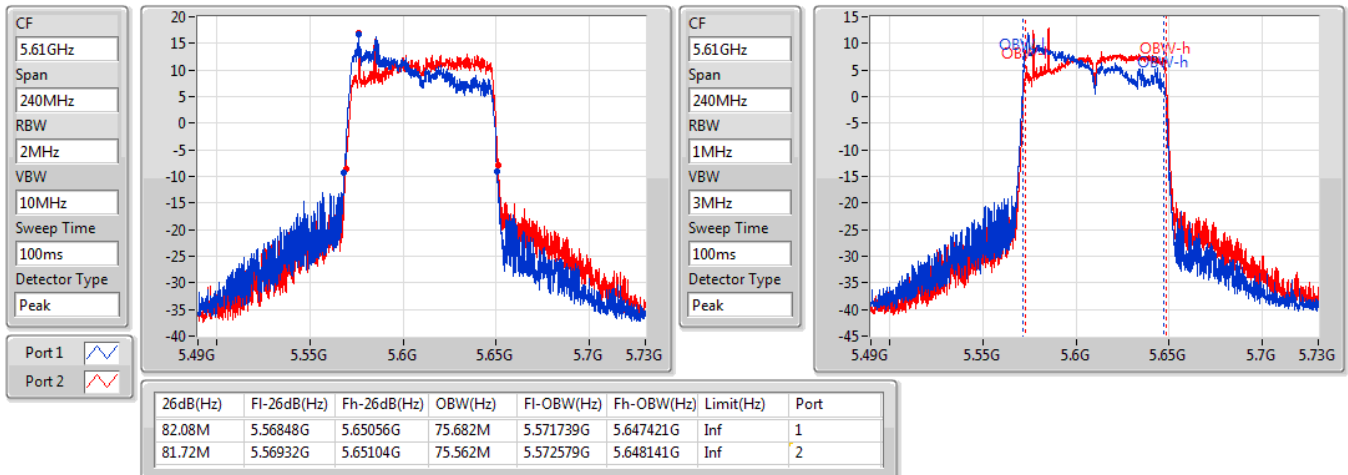


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

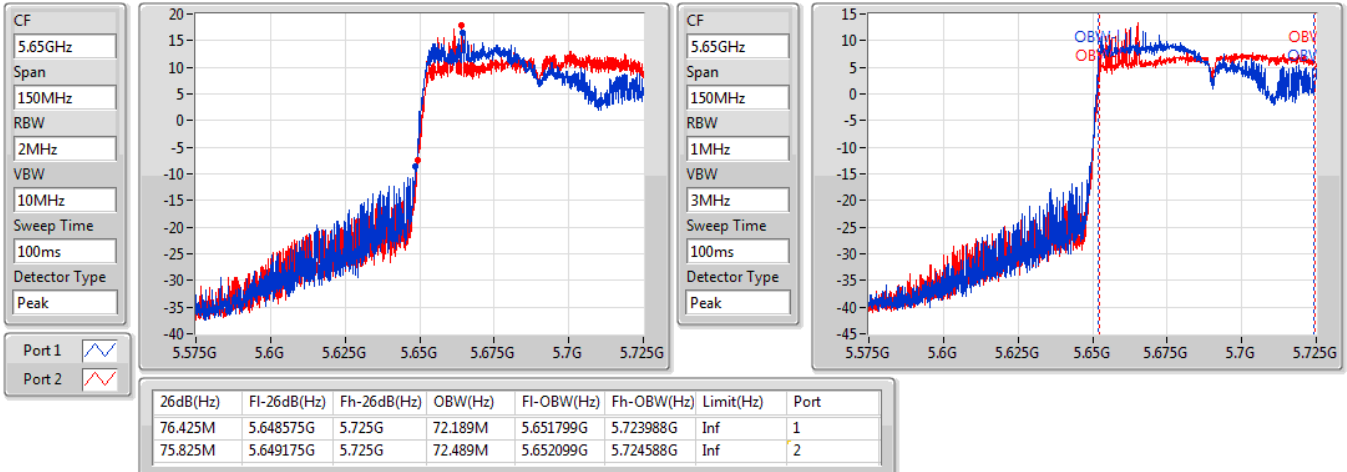
5610MHz

23/01/2020

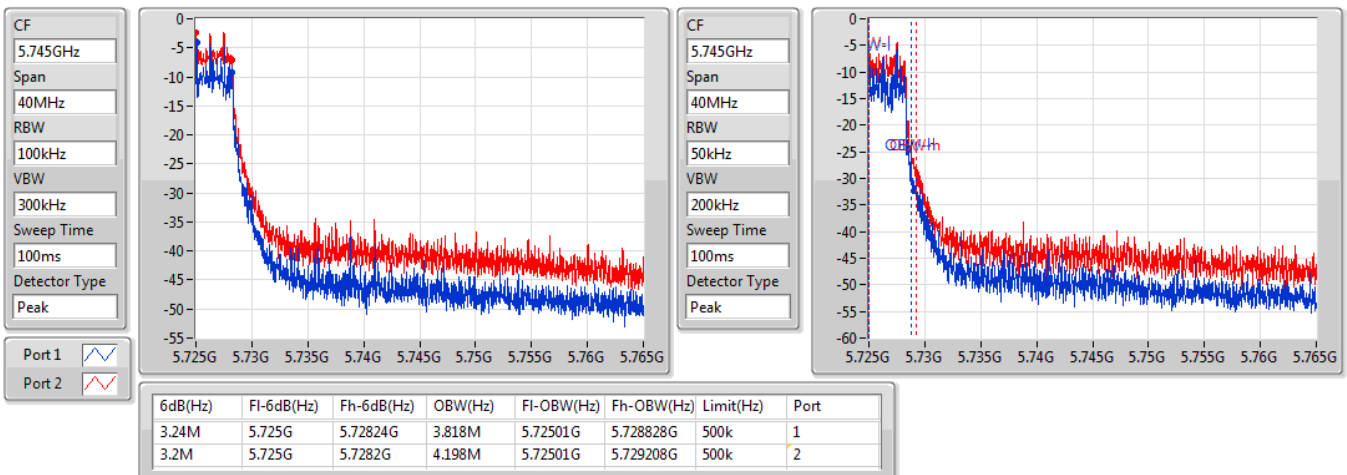


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

23/01/2020

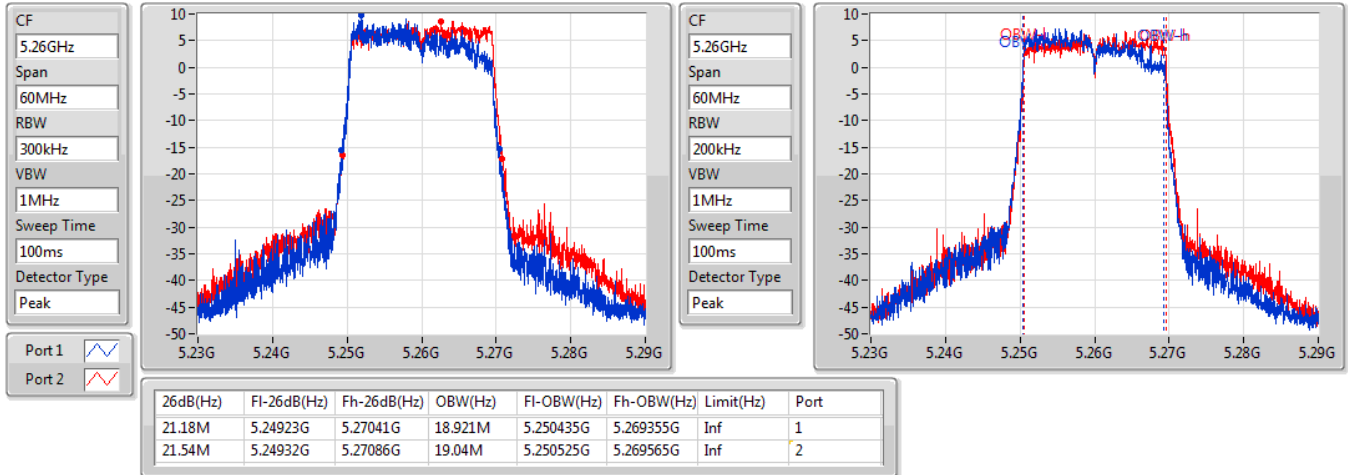

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

23/01/2020

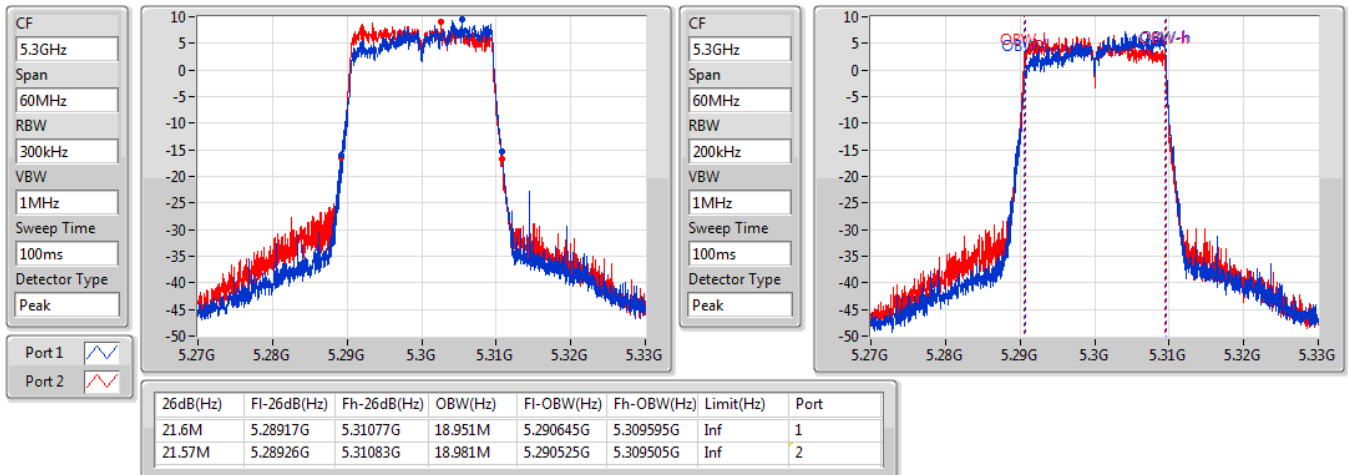


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

23/01/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

23/01/2020

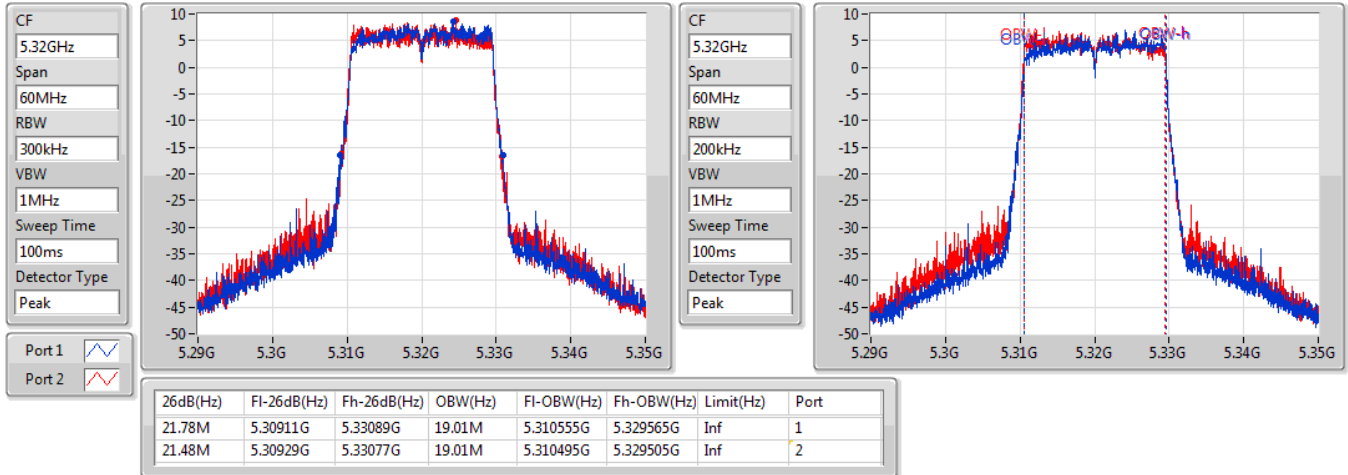


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

23/01/2020

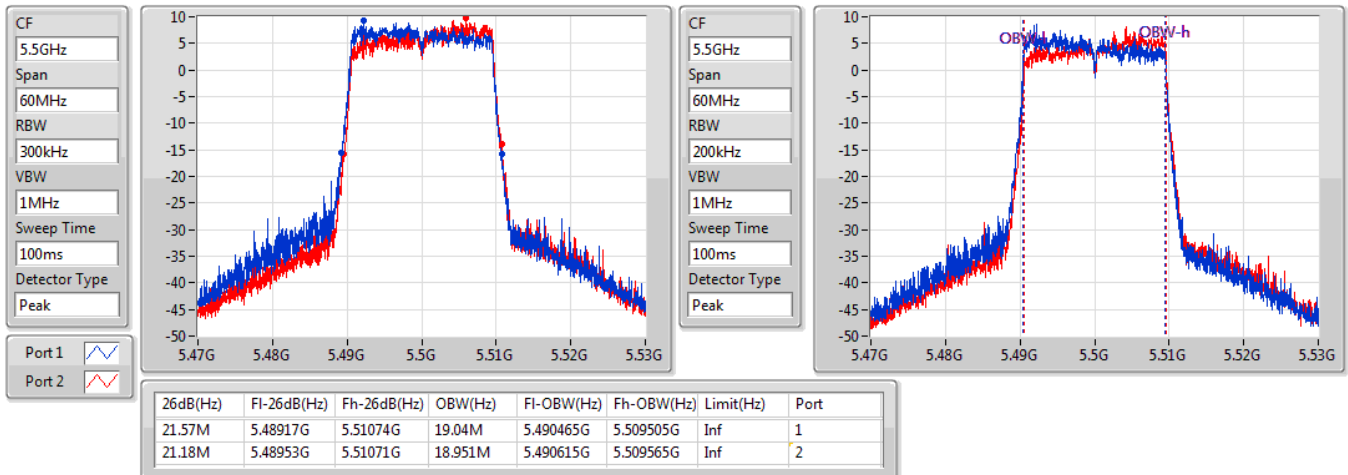


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

23/01/2020

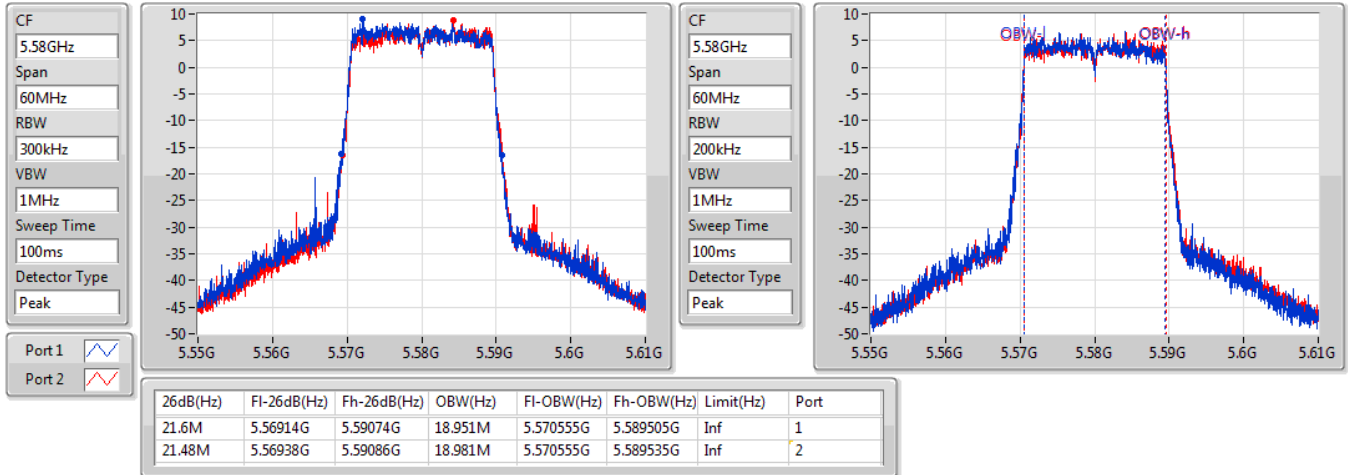


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

23/01/2020

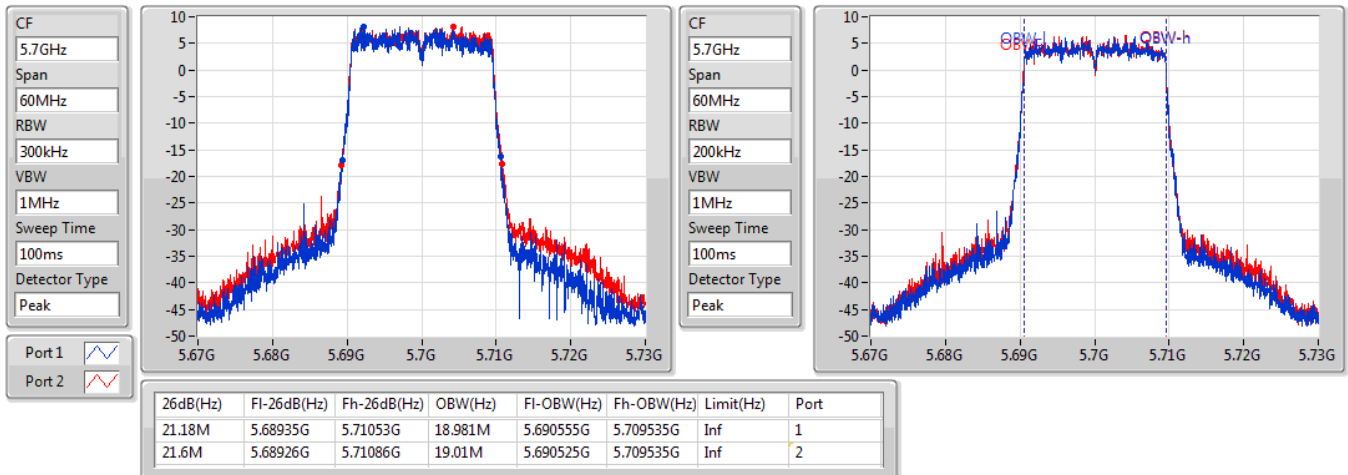


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

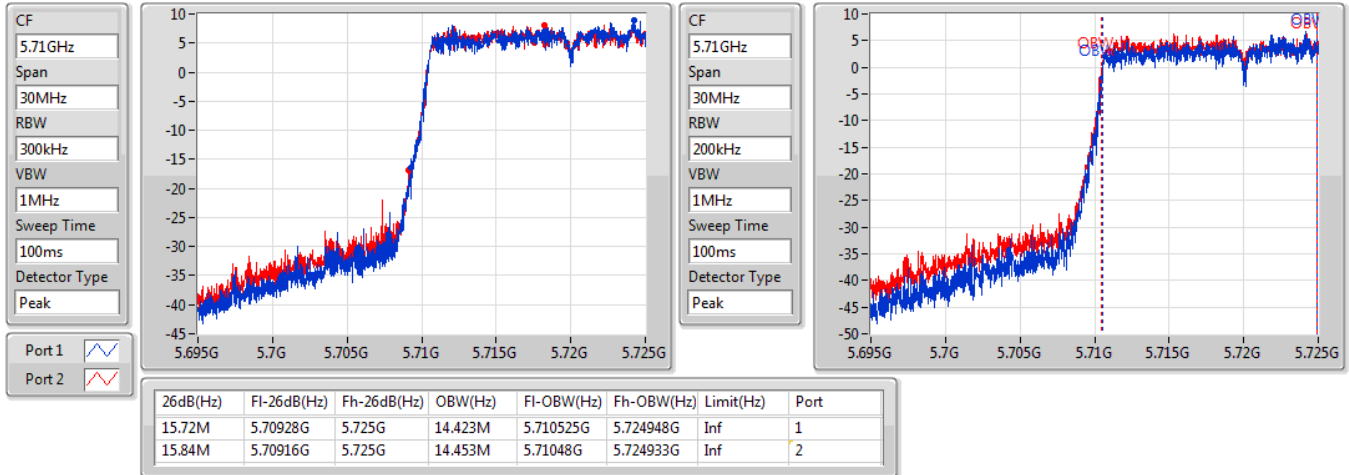
5700MHz

23/01/2020

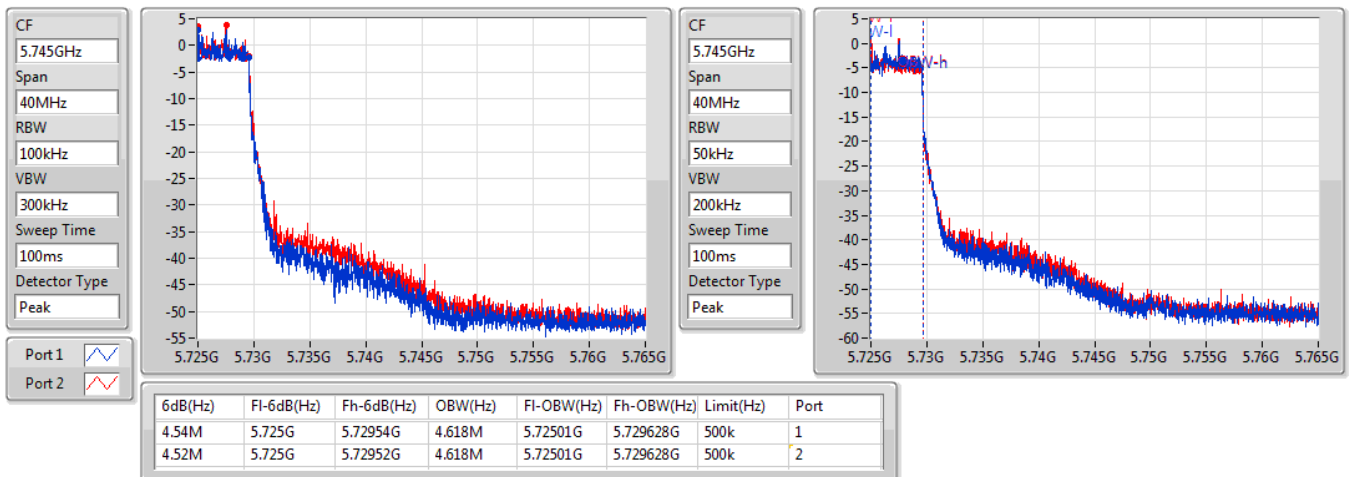


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/01/2020

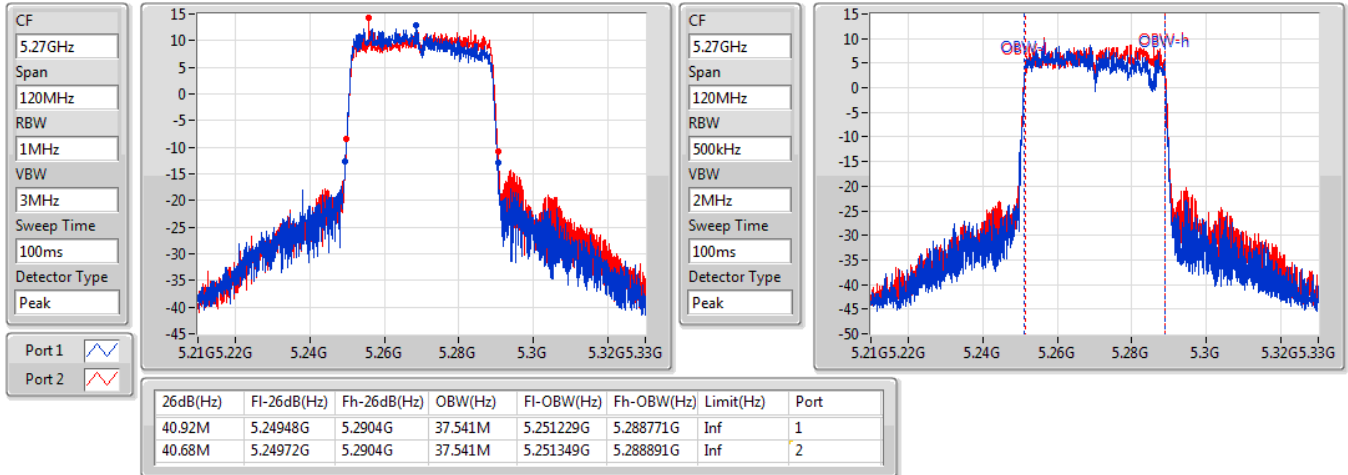

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/01/2020

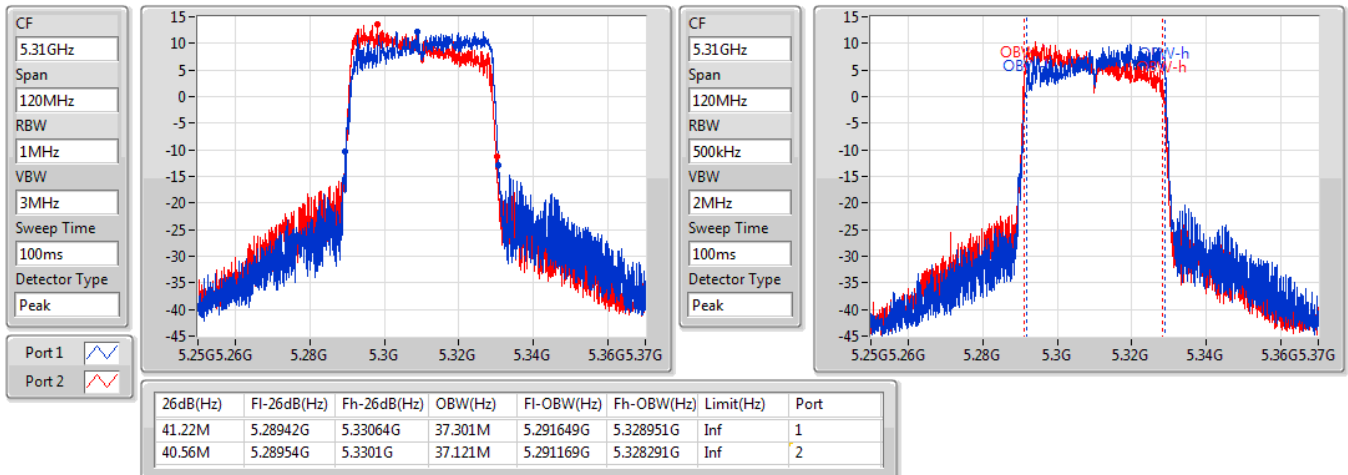


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

23/01/2020


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

23/01/2020

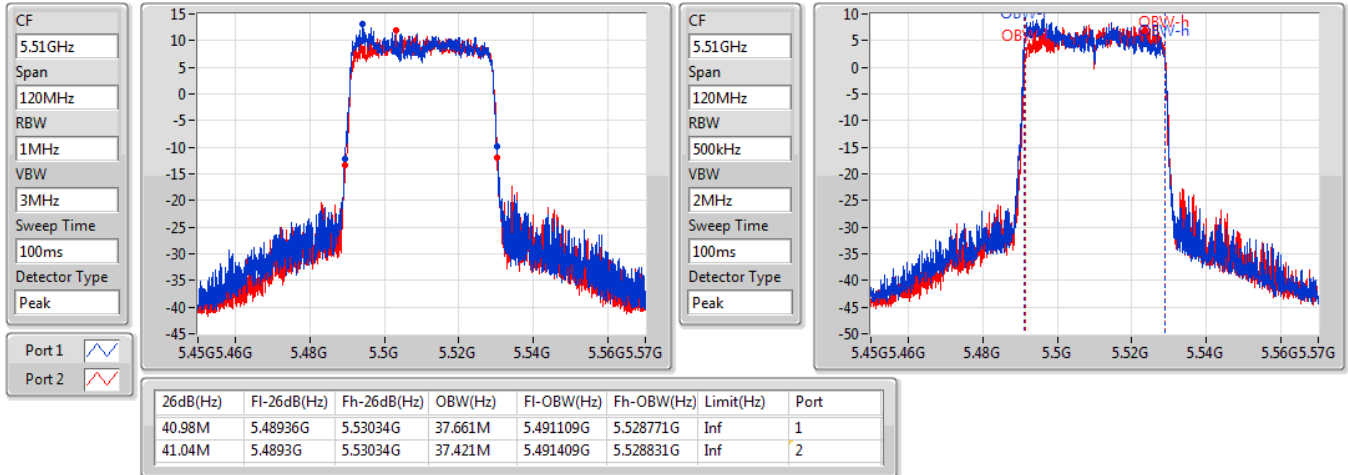


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2020

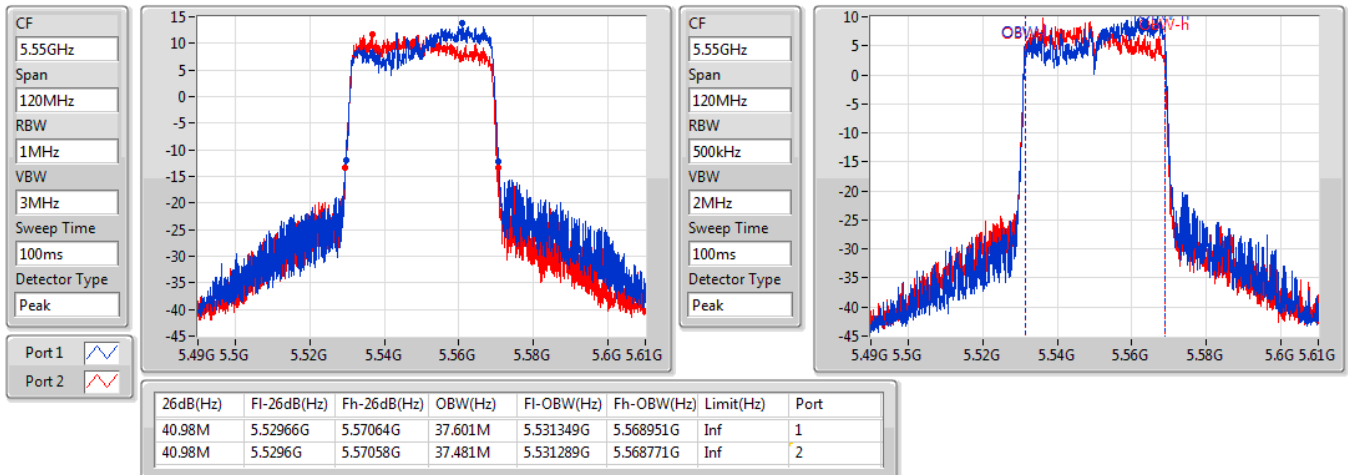


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

23/01/2020

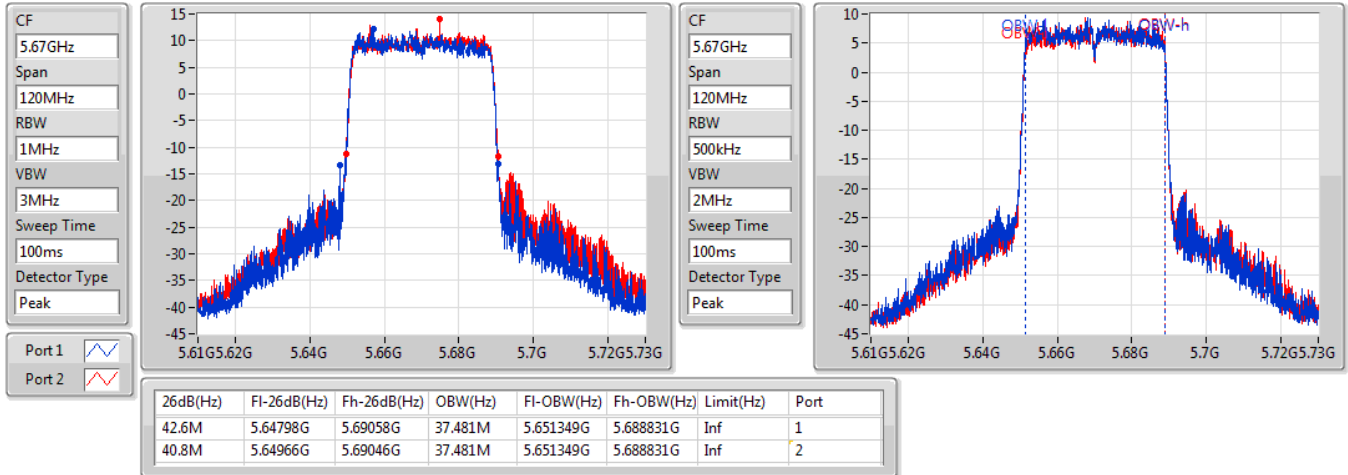


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

23/01/2020

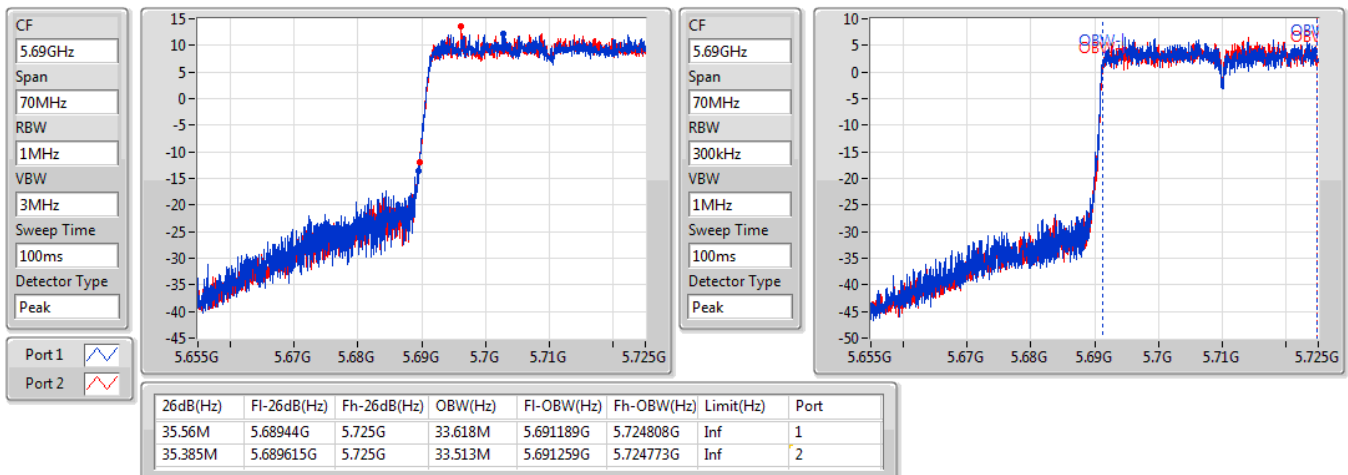


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

23/01/2020

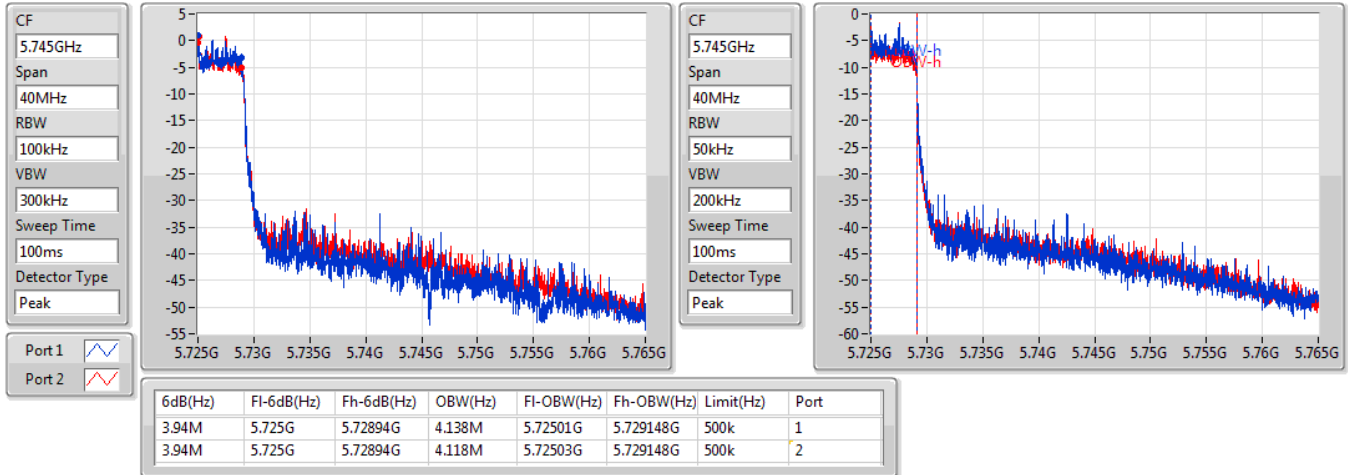


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/01/2020

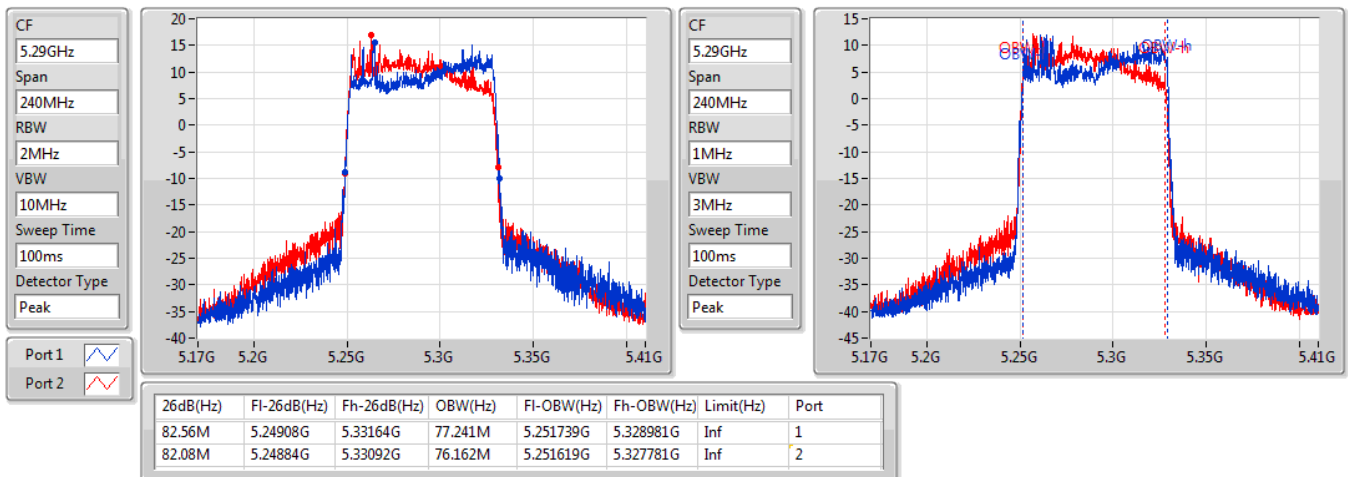


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

23/01/2020

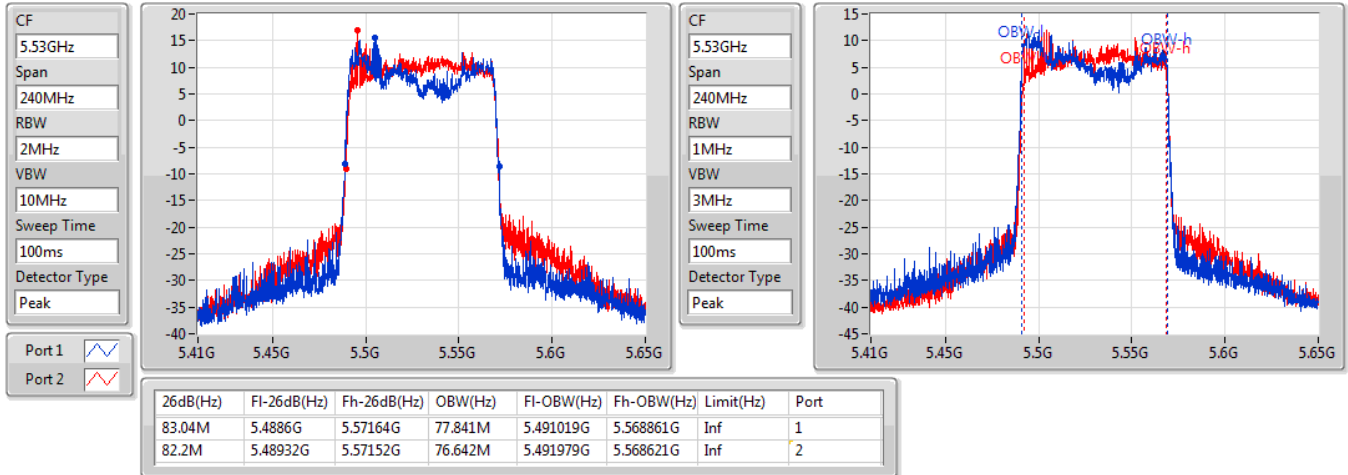


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

23/01/2020

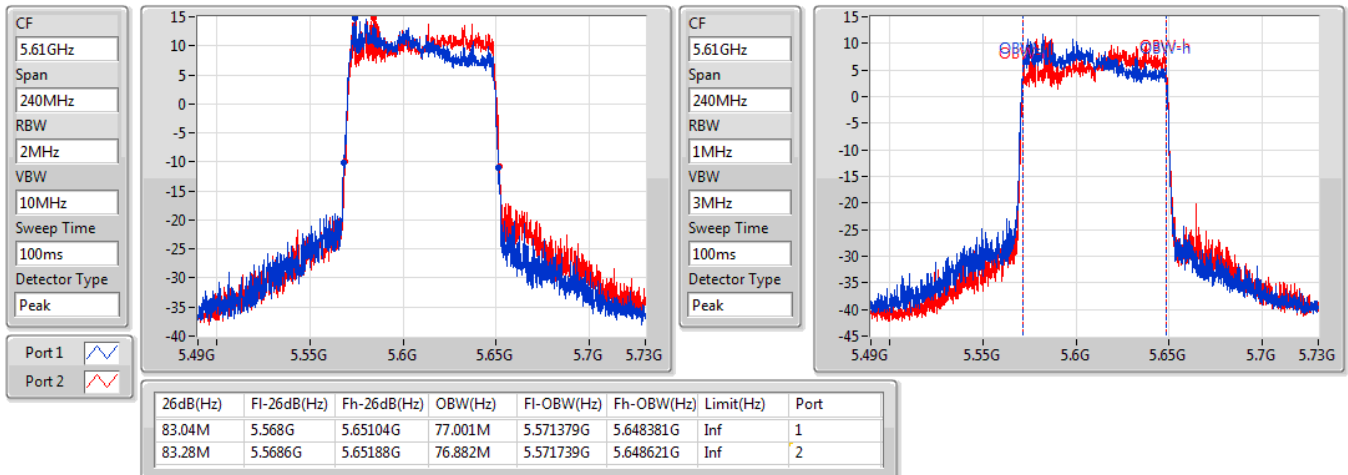


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

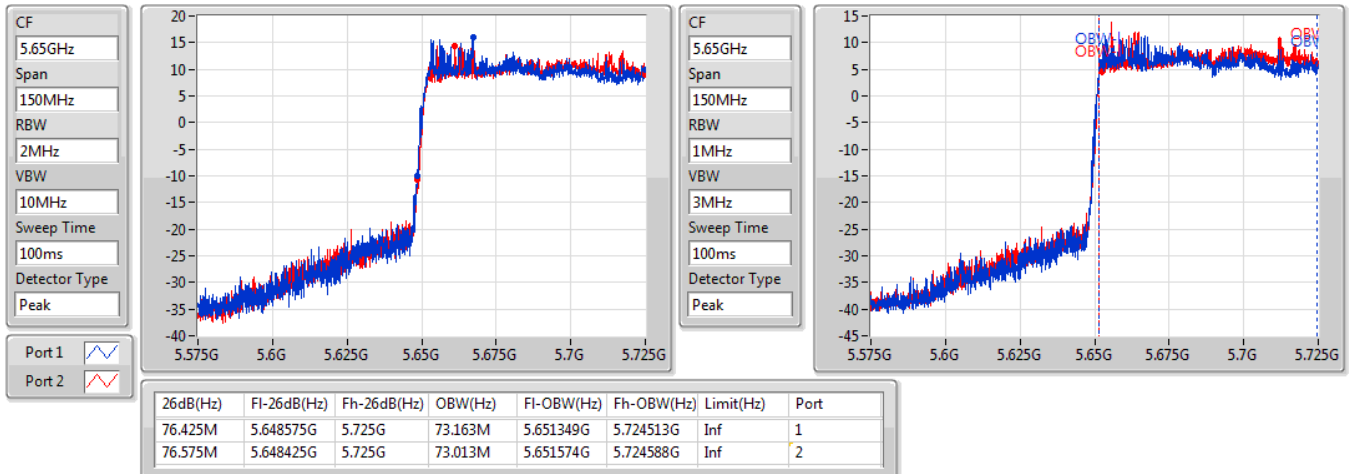
5610MHz

23/01/2020

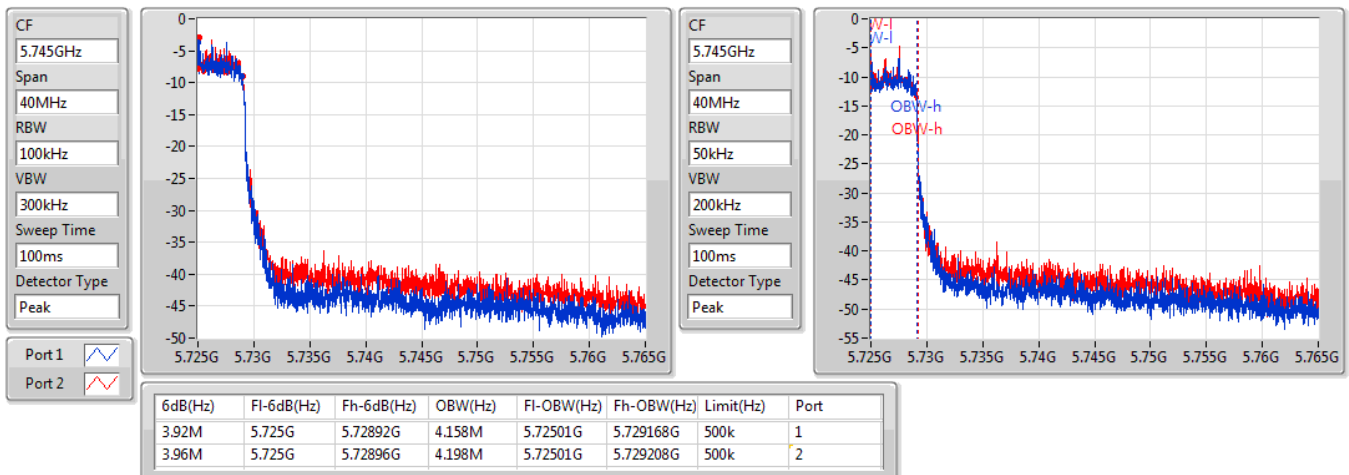


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

23/01/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

23/01/2020



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.78M	17.841M	17M8D1D	21.51M	17.811M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.68M	36.462M	36M5D1D	40.38M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.2M	75.802M	75M8D1D	81.96M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.72M	19.01M	19M0D1D	21.45M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.34M	37.541M	37M5D1D	40.98M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.68M	77.001M	77M0D1D	82.44M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.84M	17.841M	17M8D1D	15.69M	13.838M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.92M	36.522M	36M5D1D	35.21M	32.919M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.68M	75.802M	75M8D1D	75.75M	72.414M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.6M	19.01M	19M0D1D	15.72M	14.423M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.04M	37.601M	37M6D1D	35.735M	33.513M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.4M	77.001M	77M0D1D	75.9M	72.939M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.84M	4.398M	4M40D1D	3.82M	4.358M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.22M	3.618M	3M62D1D	3.2M	3.578M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.2M	3.858M	3M86D1D	3.2M	3.818M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.54M	4.618M	4M62D1D	4.52M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.94M	4.138M	4M14D1D	3.88M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.92M	4.158M	4M16D1D	3.9M	4.158M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.66M	17.841M	21.63M	17.811M
5300MHz	Pass	Inf	21.69M	17.841M	21.57M	17.841M
5320MHz	Pass	Inf	21.78M	17.841M	21.51M	17.811M
5500MHz	Pass	Inf	21.72M	17.811M	21.57M	17.811M
5580MHz	Pass	Inf	21.84M	17.841M	21.72M	17.841M
5700MHz	Pass	Inf	21.6M	17.811M	21.63M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	13.868M	15.69M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	4.358M	3.82M	4.398M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.68M	36.402M	40.44M	36.402M
5310MHz	Pass	Inf	40.68M	36.462M	40.38M	36.402M
5510MHz	Pass	Inf	40.62M	36.402M	40.56M	36.462M
5550MHz	Pass	Inf	40.62M	36.402M	40.74M	36.462M
5670MHz	Pass	Inf	40.92M	36.522M	40.44M	36.402M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	32.919M	35.21M	32.954M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.578M	3.22M	3.618M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.802M	81.96M	75.682M
5530MHz	Pass	Inf	81.72M	75.802M	82.68M	75.802M
5610MHz	Pass	Inf	82.56M	75.682M	81.96M	75.682M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	72.414M	75.75M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.818M	3.2M	3.858M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	18.981M	21.72M	19.01M
5300MHz	Pass	Inf	21.54M	18.981M	21.57M	19.01M
5320MHz	Pass	Inf	21.57M	18.981M	21.54M	19.01M
5500MHz	Pass	Inf	21.54M	19.01M	21.48M	19.01M
5580MHz	Pass	Inf	21.6M	19.01M	21.48M	18.981M
5700MHz	Pass	Inf	21.48M	19.01M	21.54M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.72M	14.423M	15.75M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.618M	4.52M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.34M	37.481M	41.04M	37.541M
5310MHz	Pass	Inf	40.98M	37.541M	41.28M	37.541M
5510MHz	Pass	Inf	40.92M	37.541M	40.98M	37.601M
5550MHz	Pass	Inf	41.04M	37.421M	40.98M	37.601M
5670MHz	Pass	Inf	41.04M	37.541M	40.98M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.735M	33.548M	35.77M	33.513M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.118M	3.88M	4.138M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.001M	82.68M	76.882M
5530MHz	Pass	Inf	83.28M	77.001M	83.4M	77.001M
5610MHz	Pass	Inf	82.8M	77.001M	82.56M	77.001M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.013M	75.9M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.158M	3.92M	4.158M

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

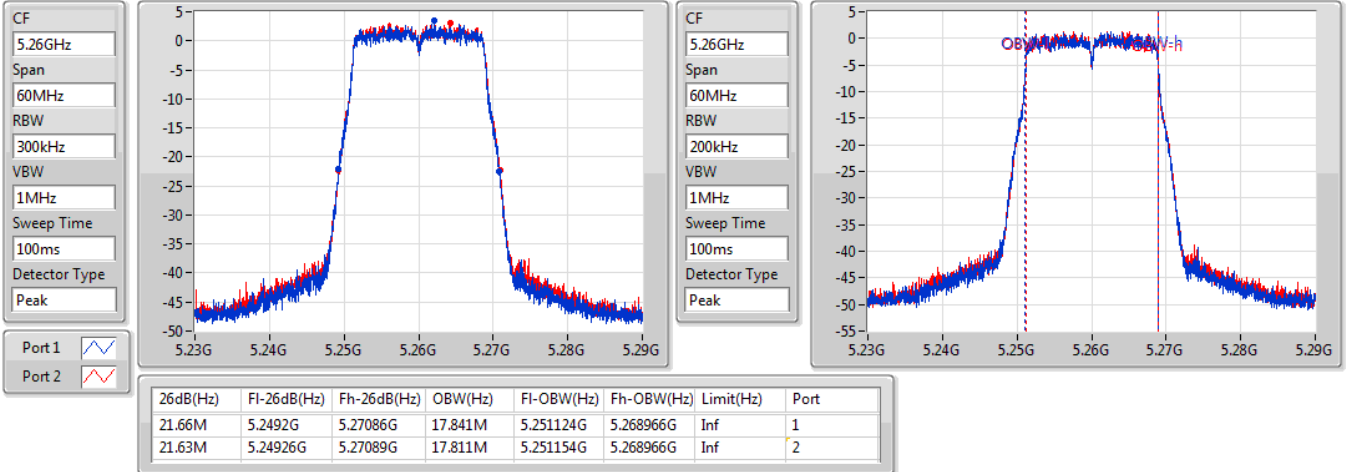
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

23/01/2020

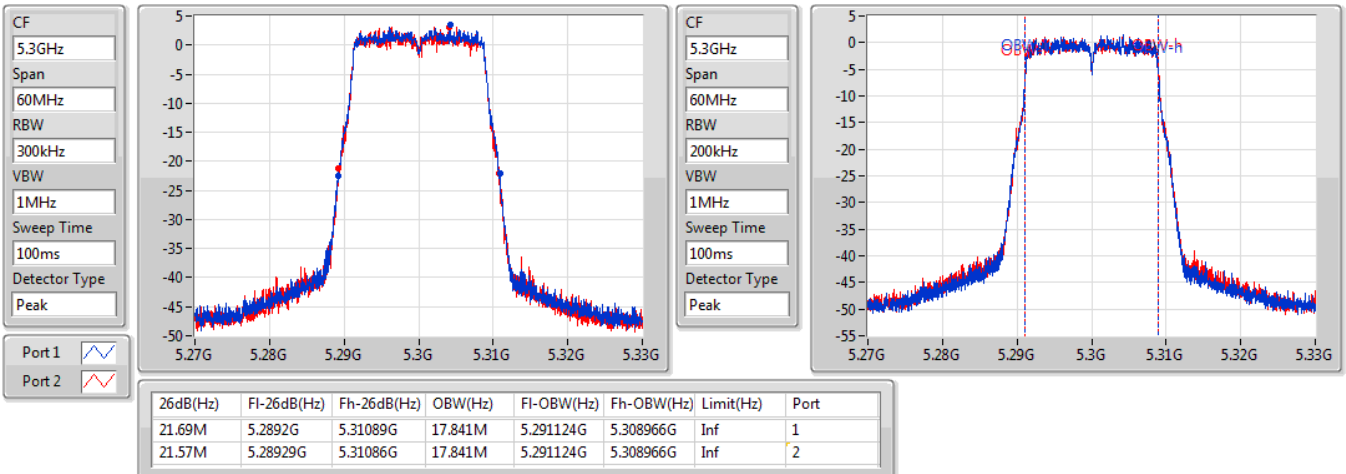


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

23/01/2020

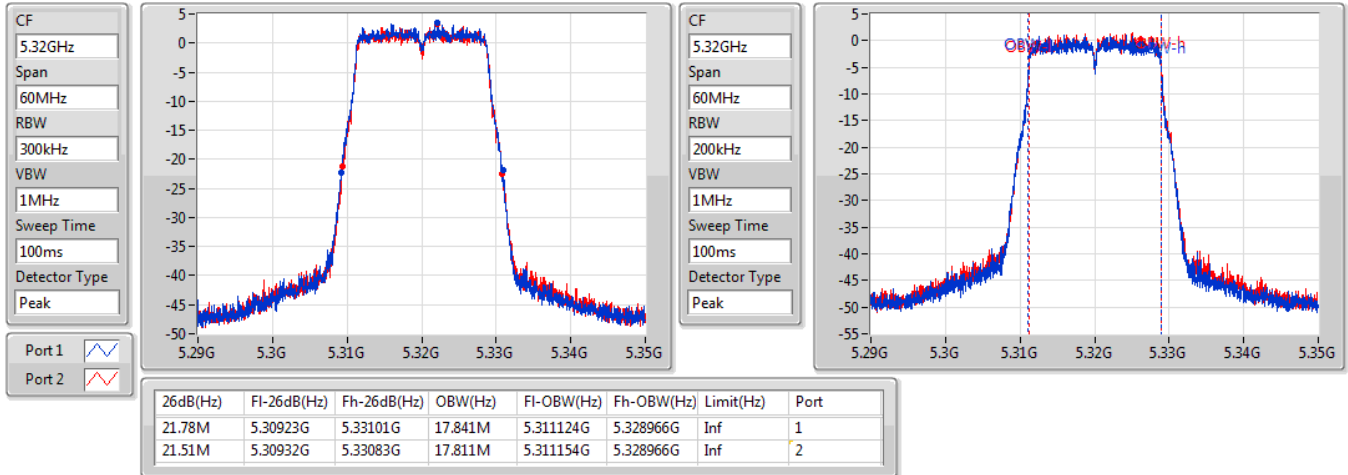


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

23/01/2020

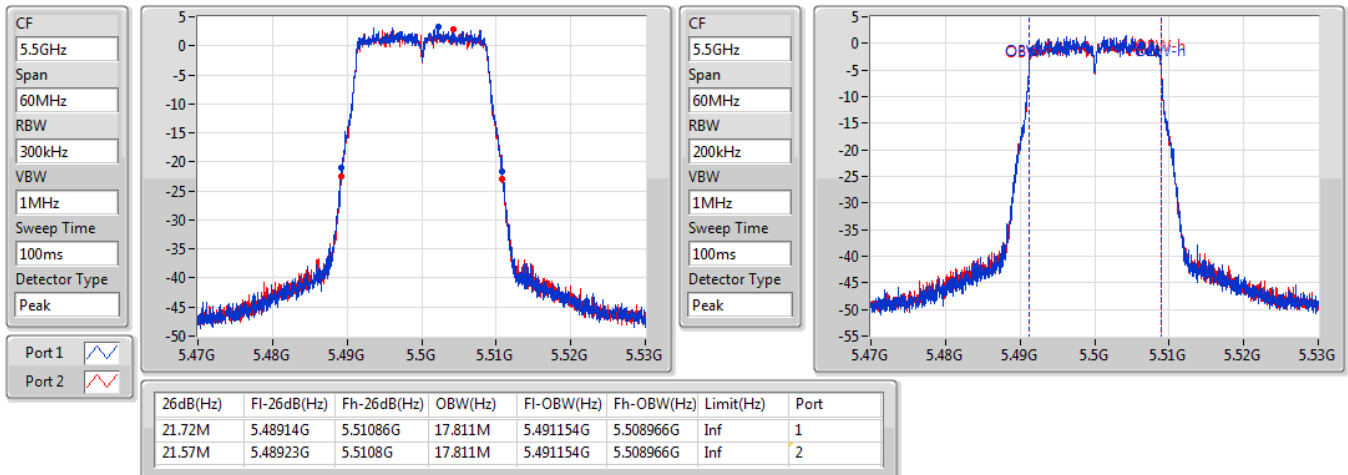


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

23/01/2020

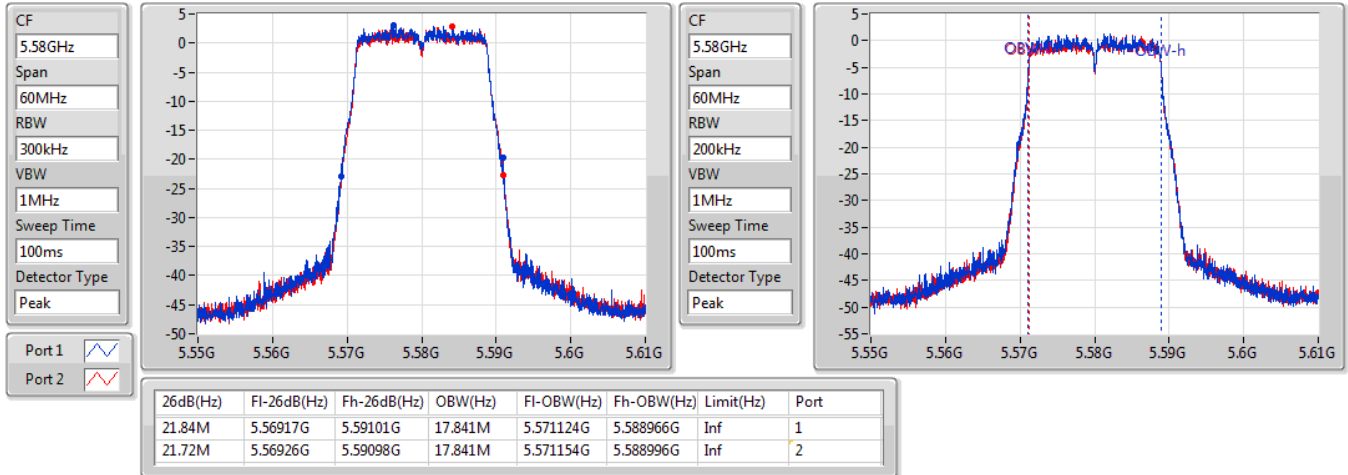


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

23/01/2020

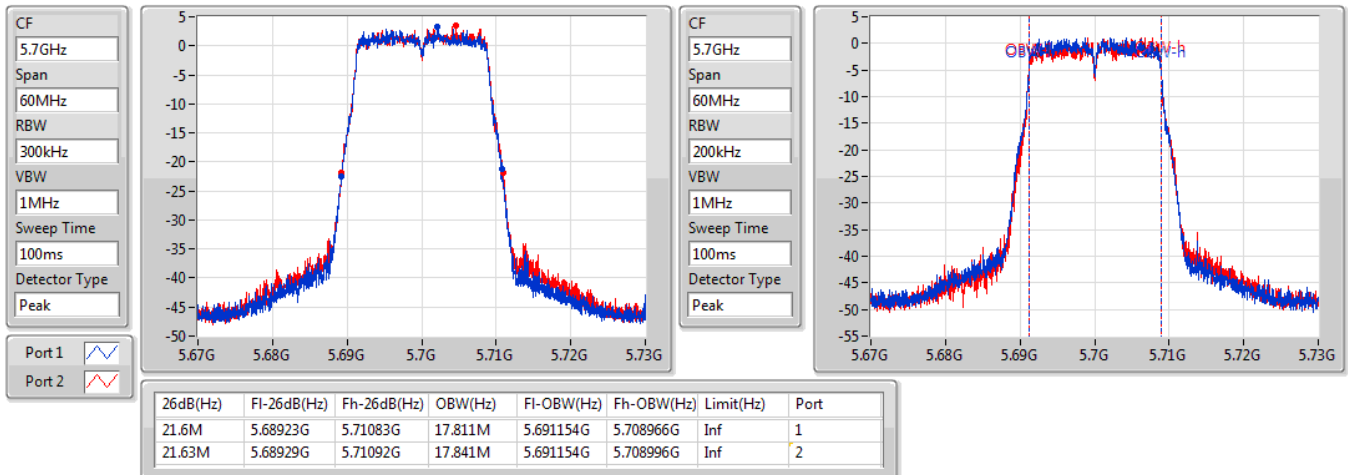


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

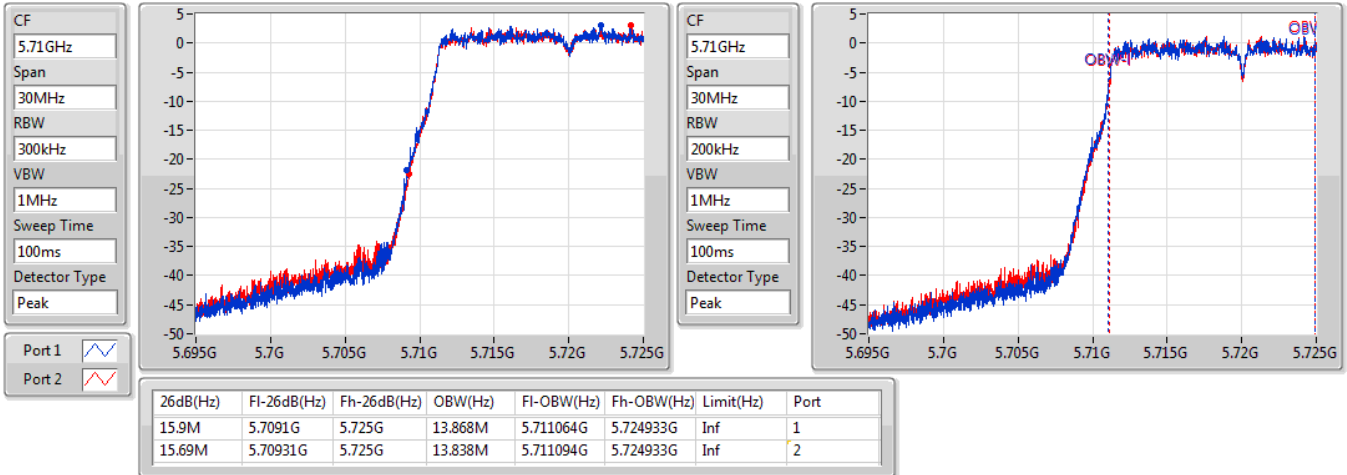
5700MHz

23/01/2020

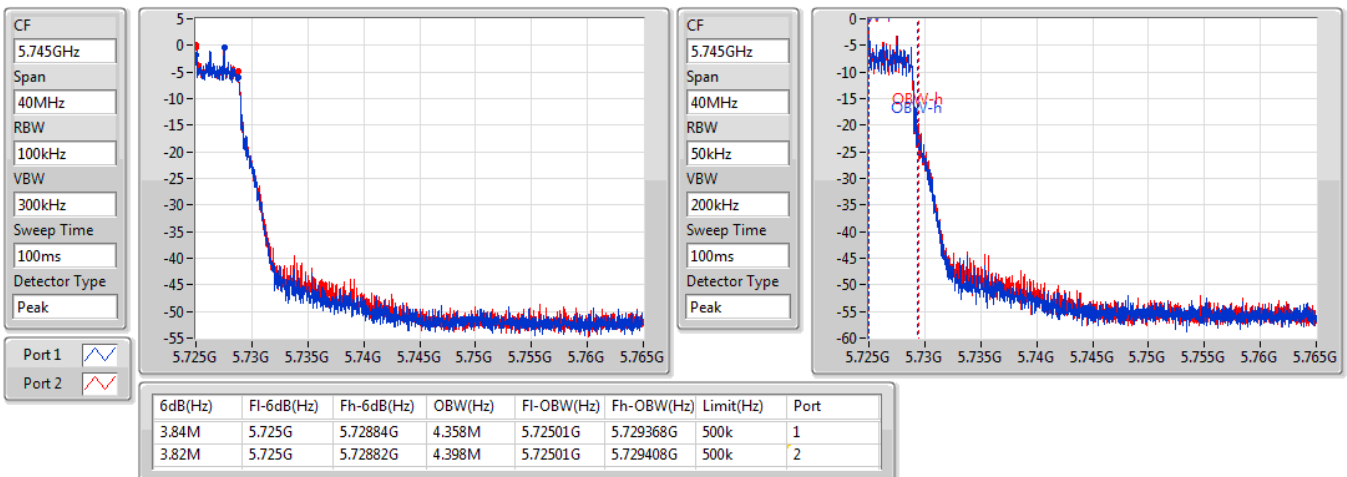


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/01/2020


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/01/2020

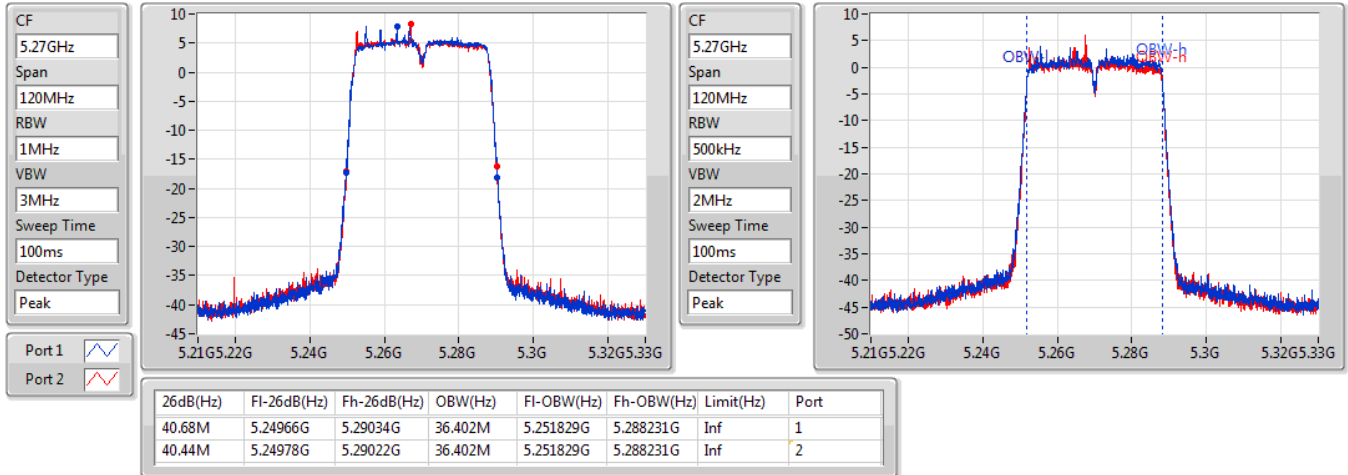


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

23/01/2020

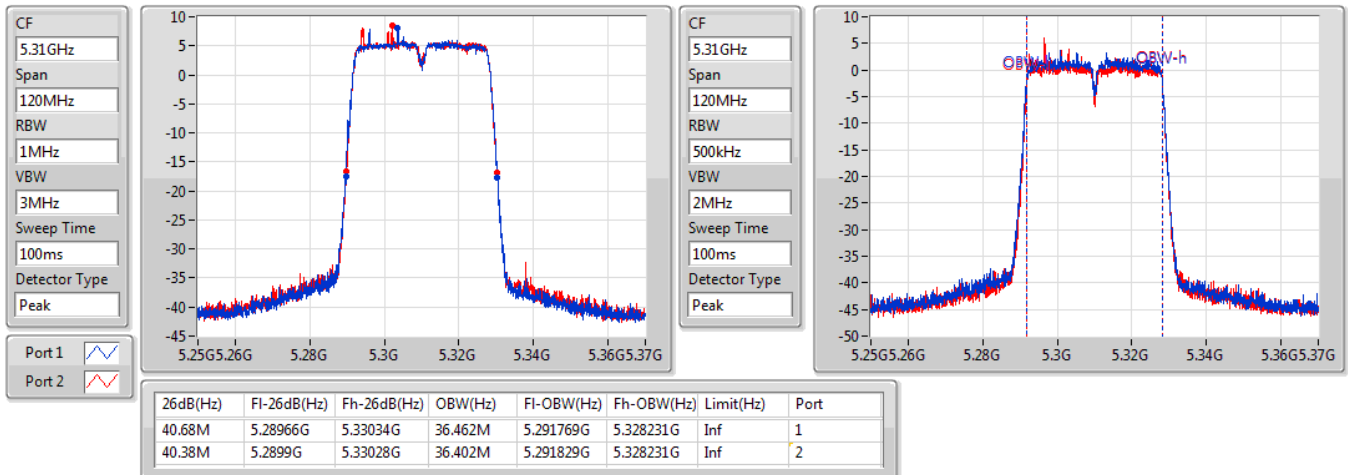


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

23/01/2020

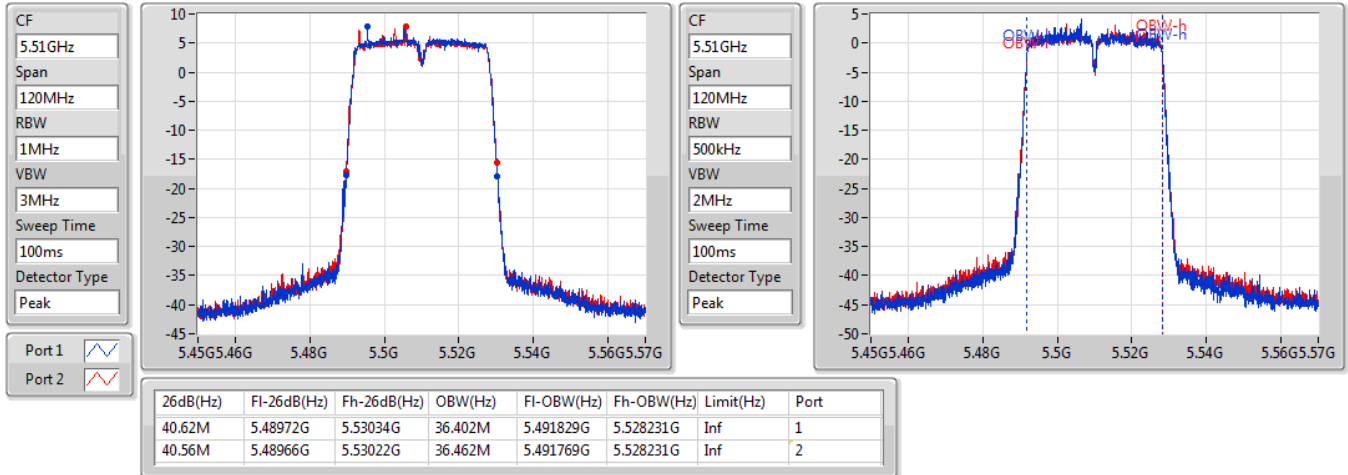


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2020

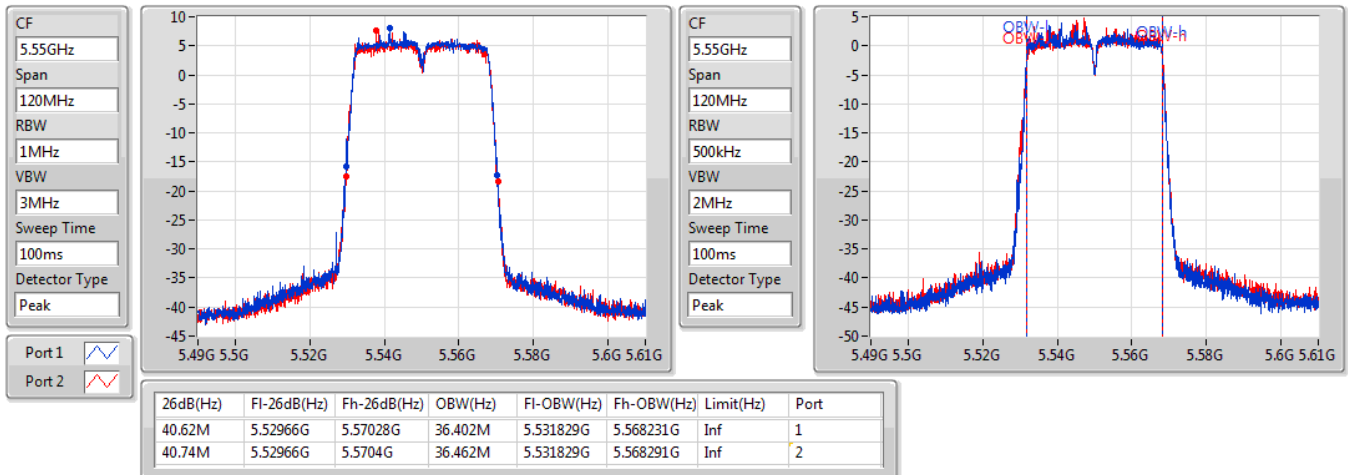


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

23/01/2020

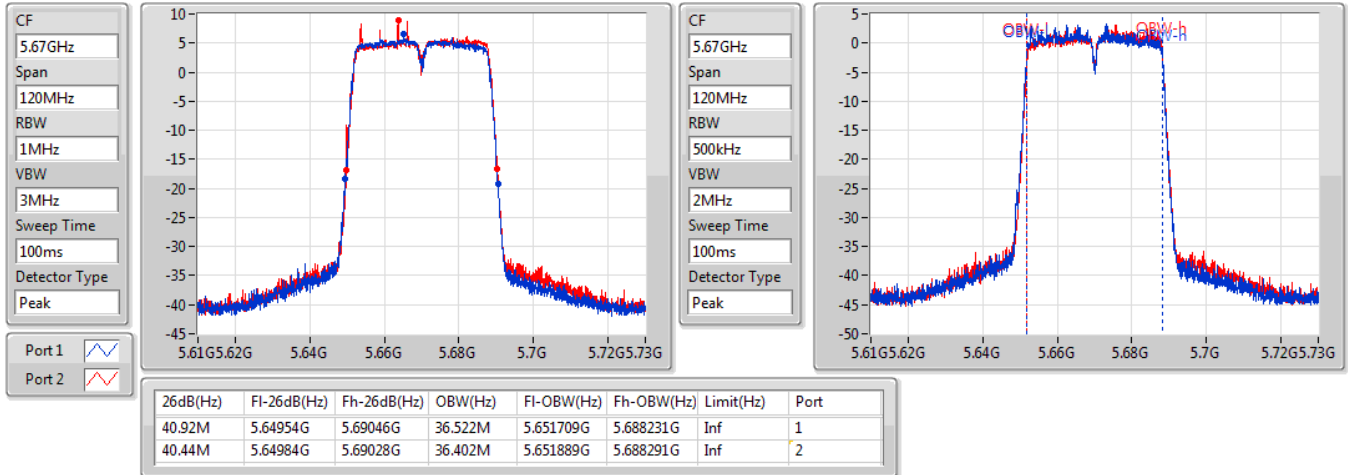


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

23/01/2020

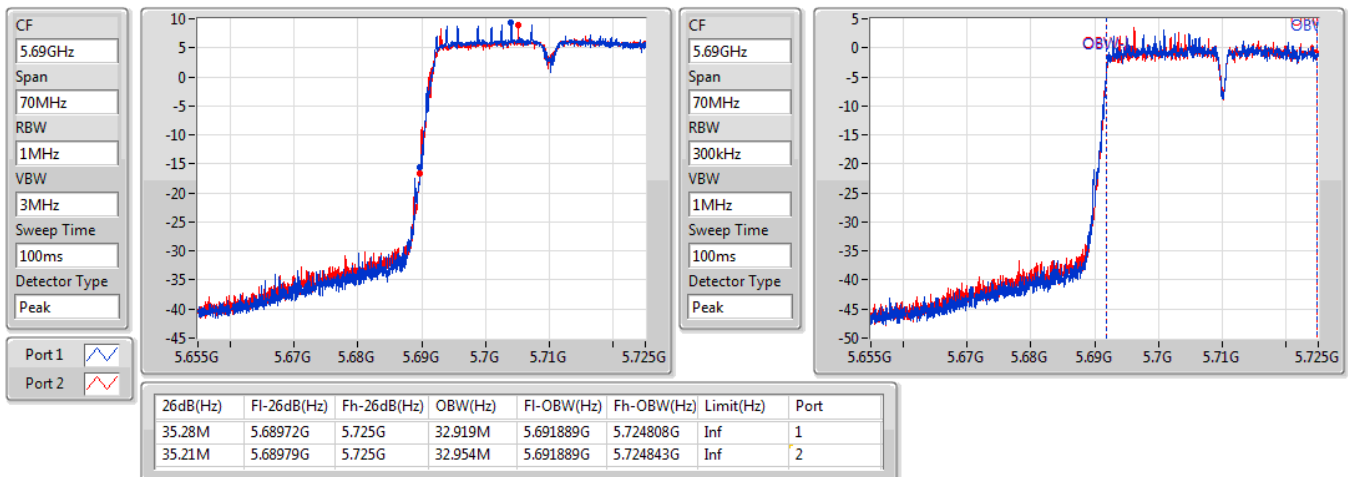


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

23/01/2020

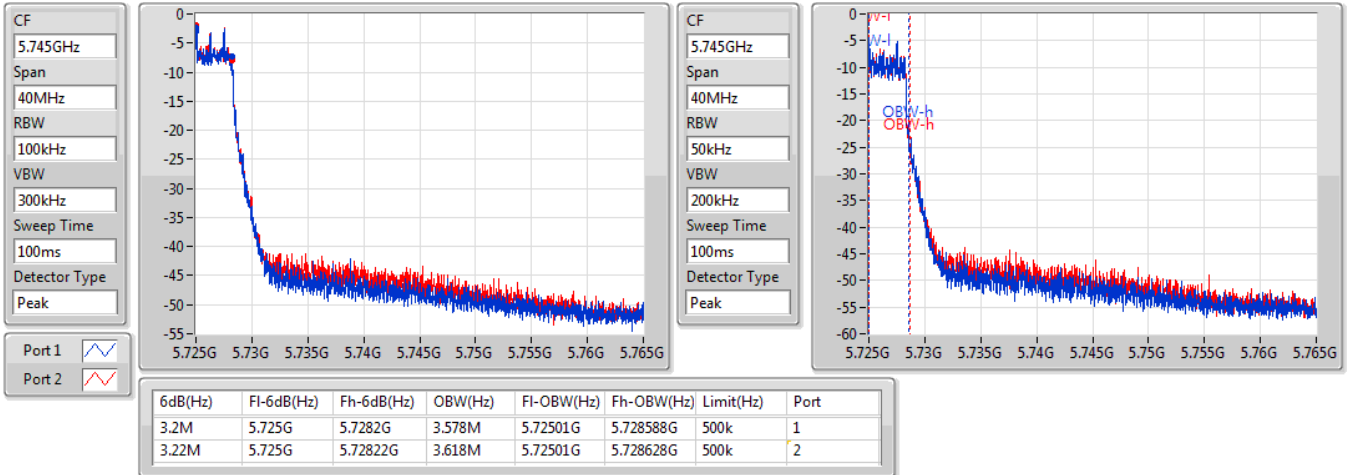


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/01/2020

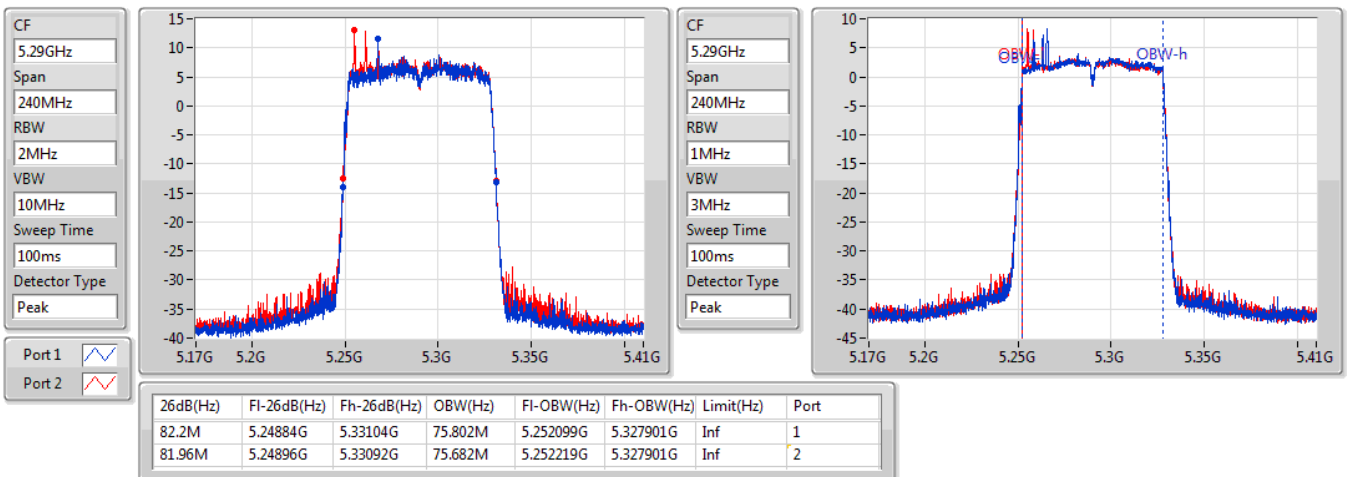


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

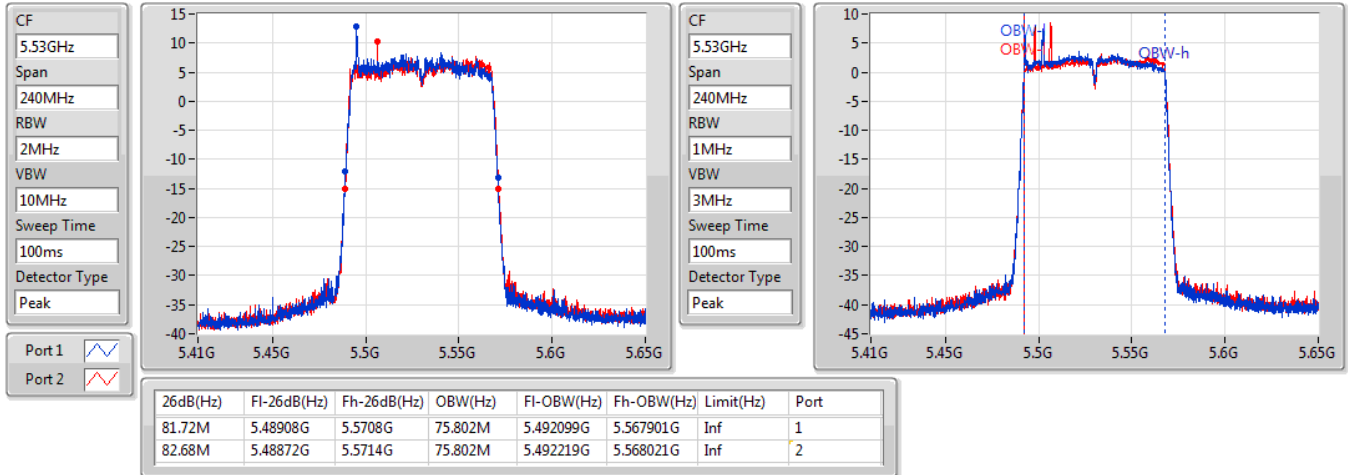
5290MHz

23/01/2020

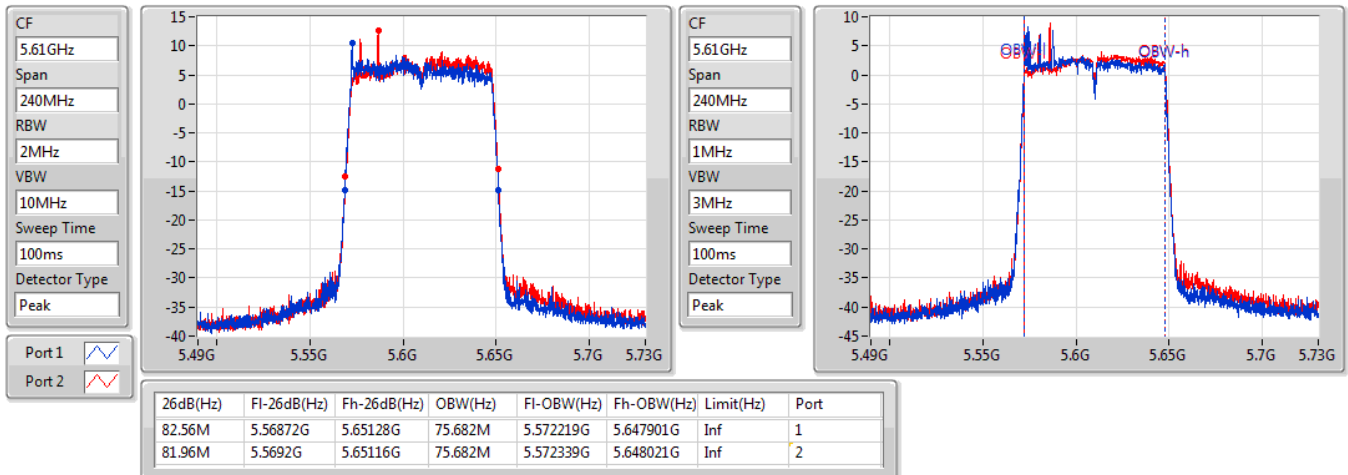


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

23/01/2020


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

23/01/2020

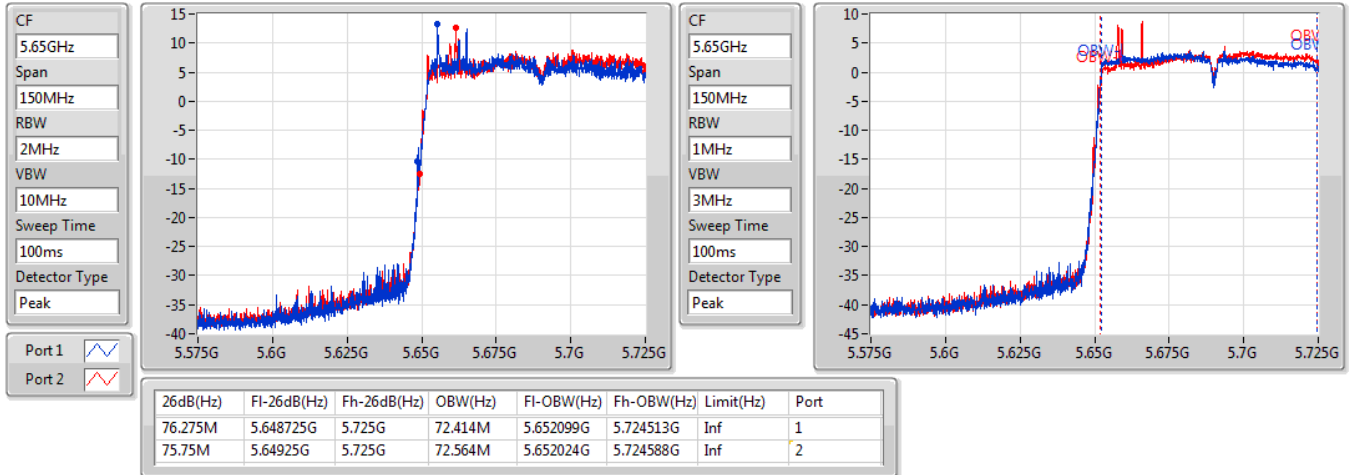


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

23/01/2020

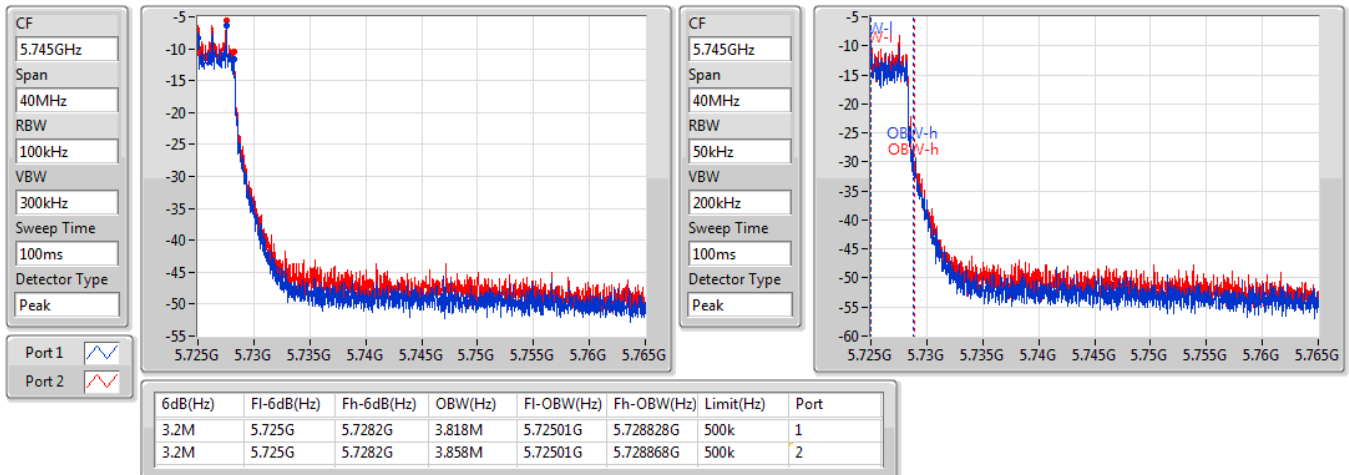


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

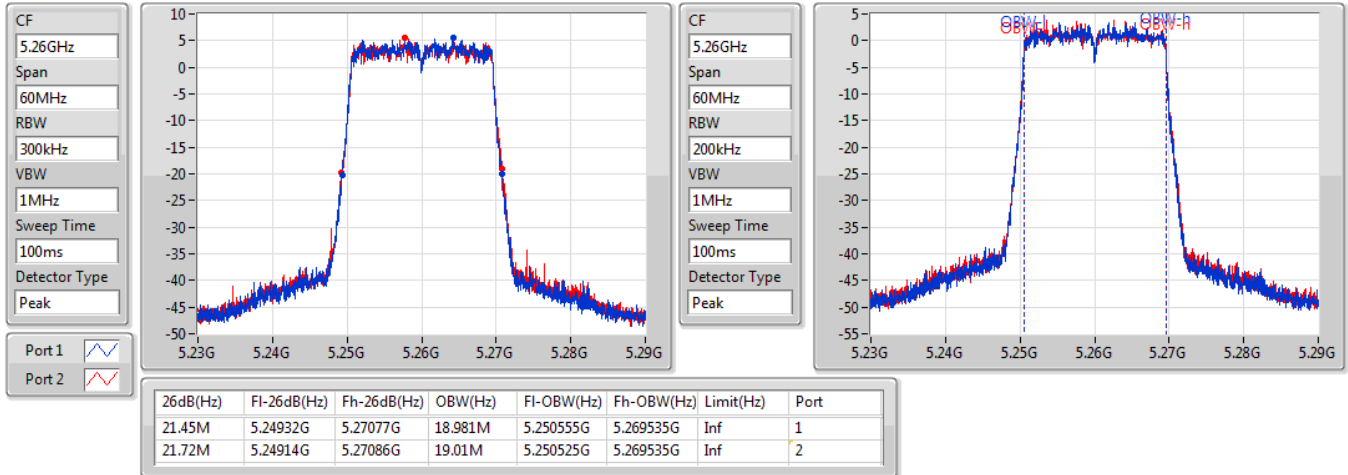
5690MHz Straddle 5.725-5.85GHz

23/01/2020

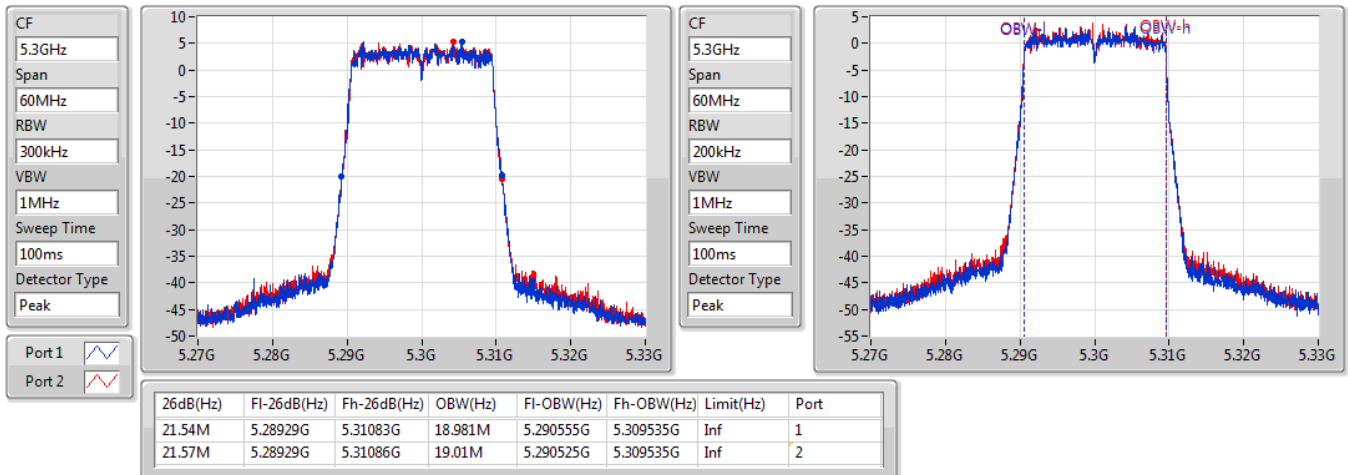


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

23/01/2020

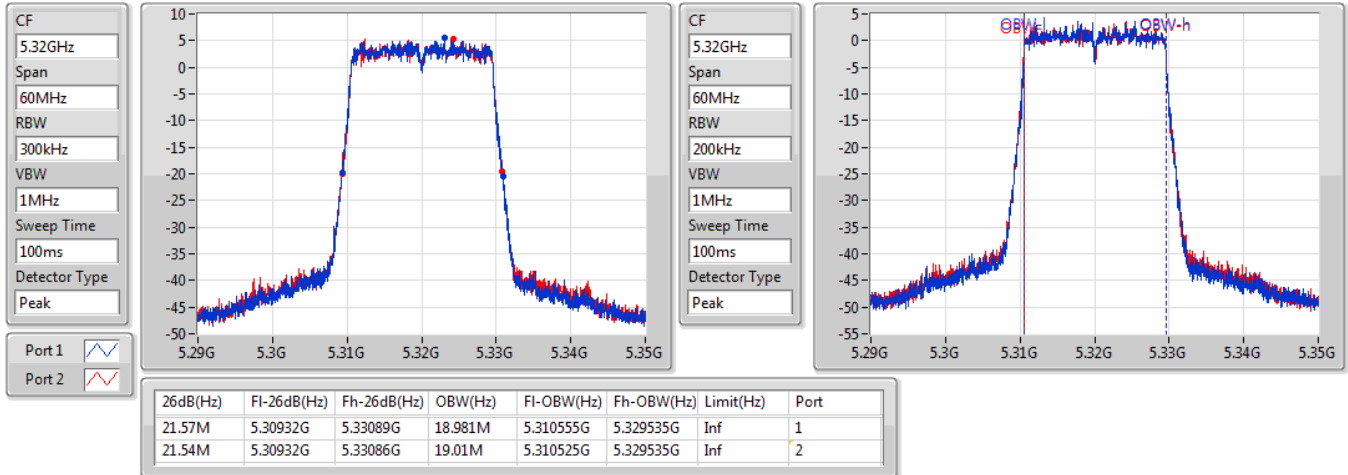

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

23/01/2020

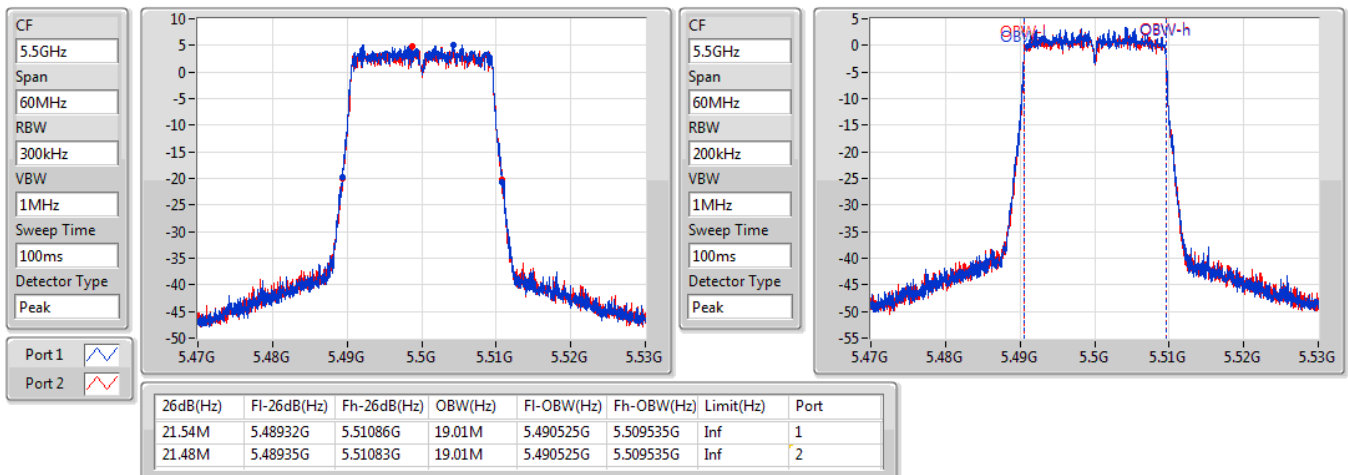


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

23/01/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

23/01/2020

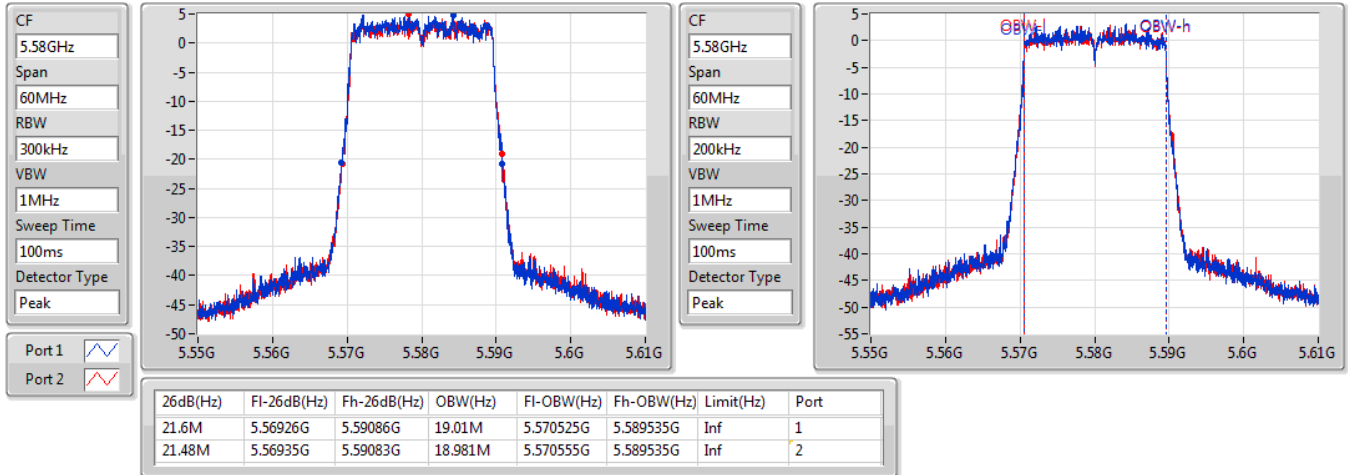


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

23/01/2020

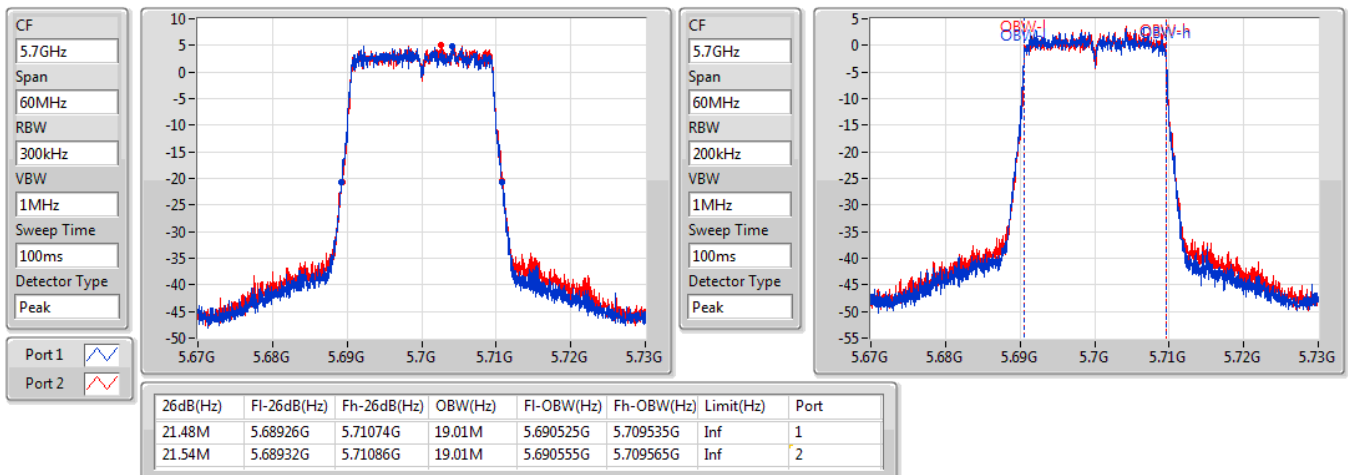


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

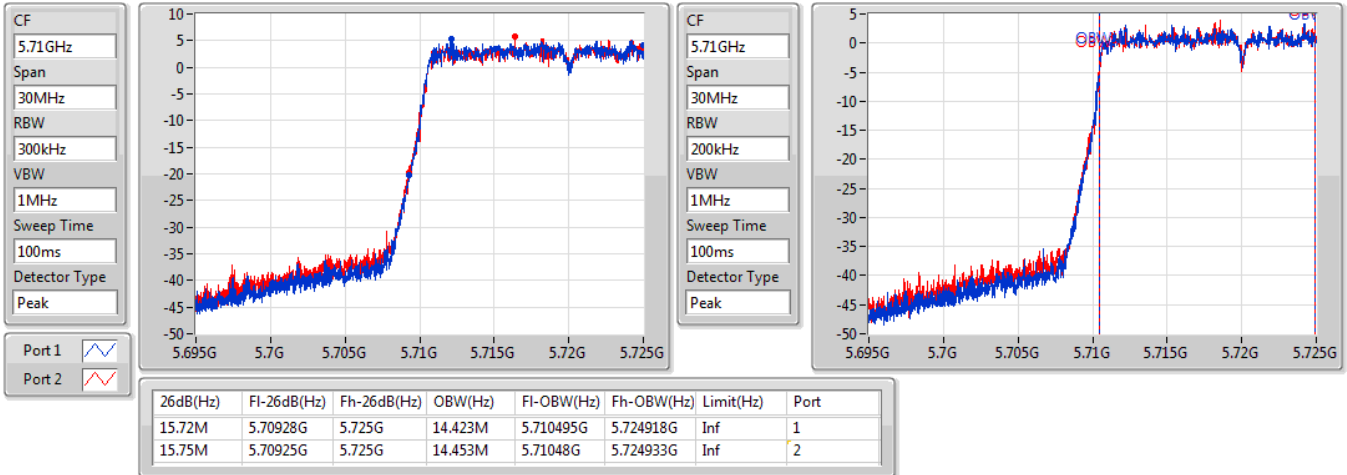
5700MHz

23/01/2020

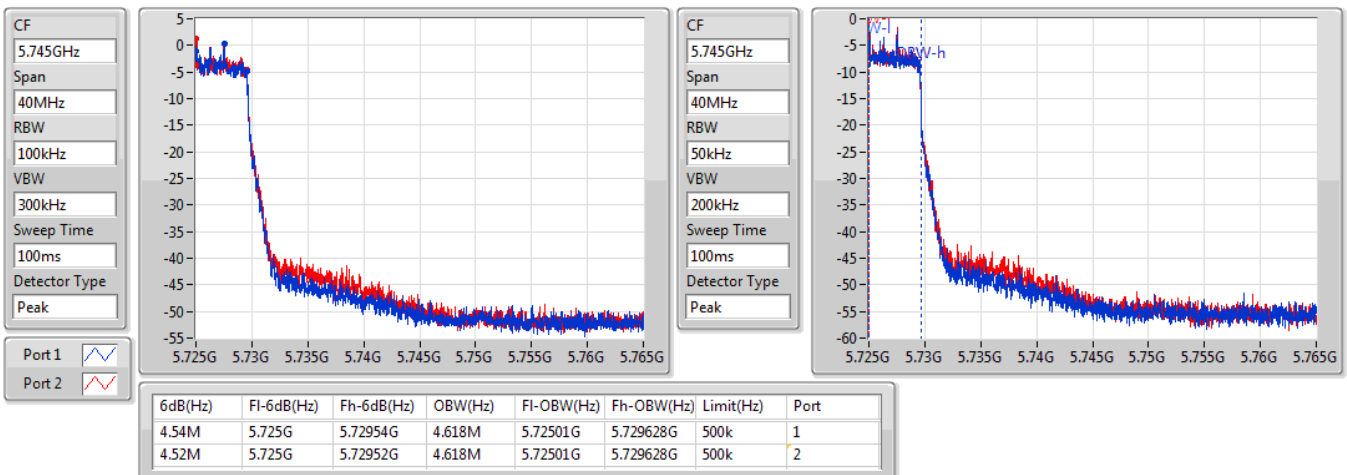


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

23/01/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

23/01/2020

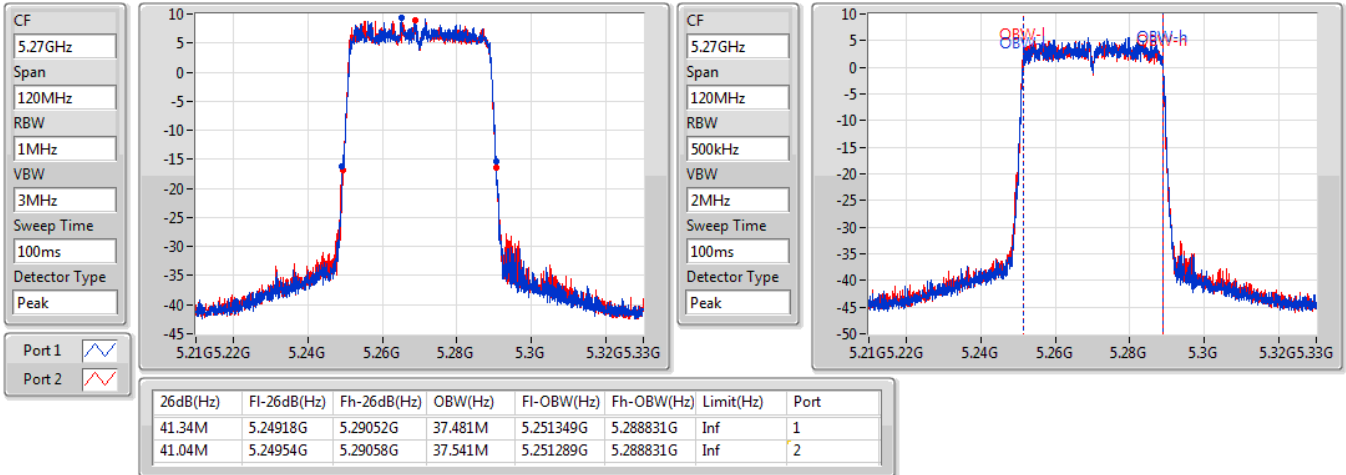


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

23/01/2020

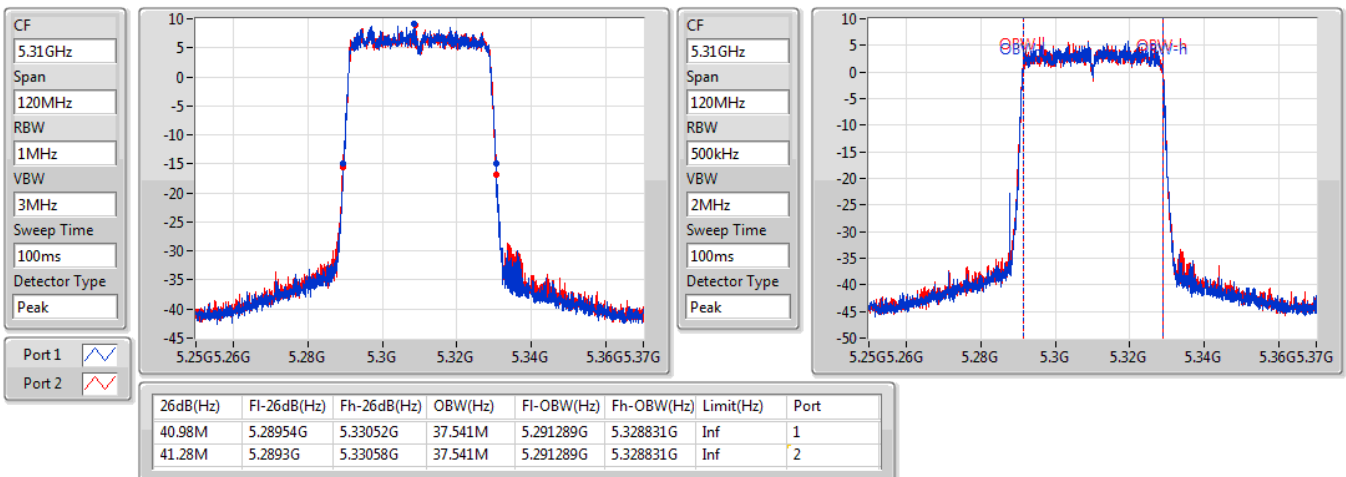


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

23/01/2020

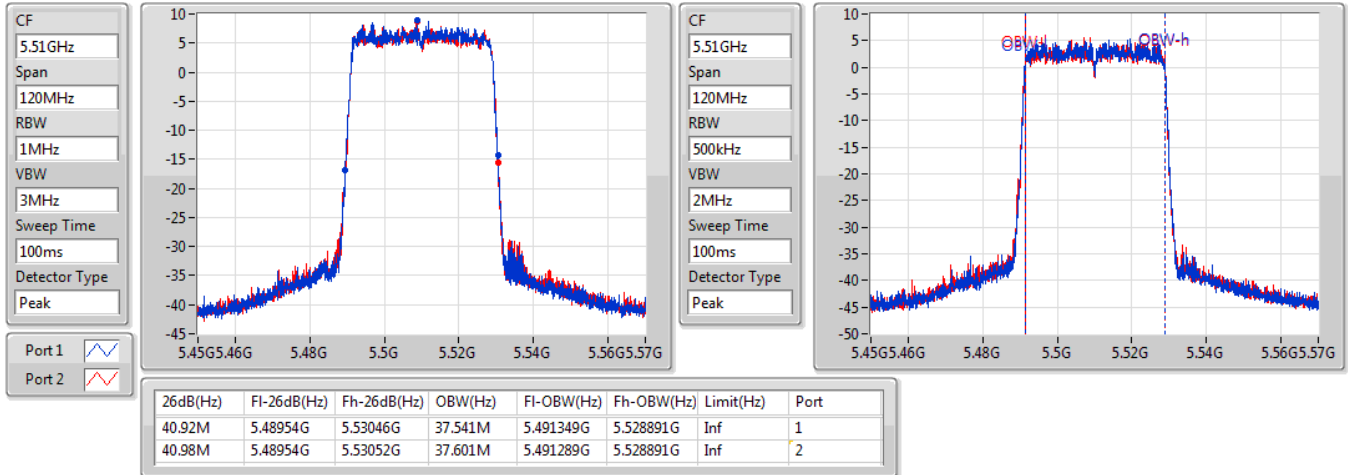


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

23/01/2020

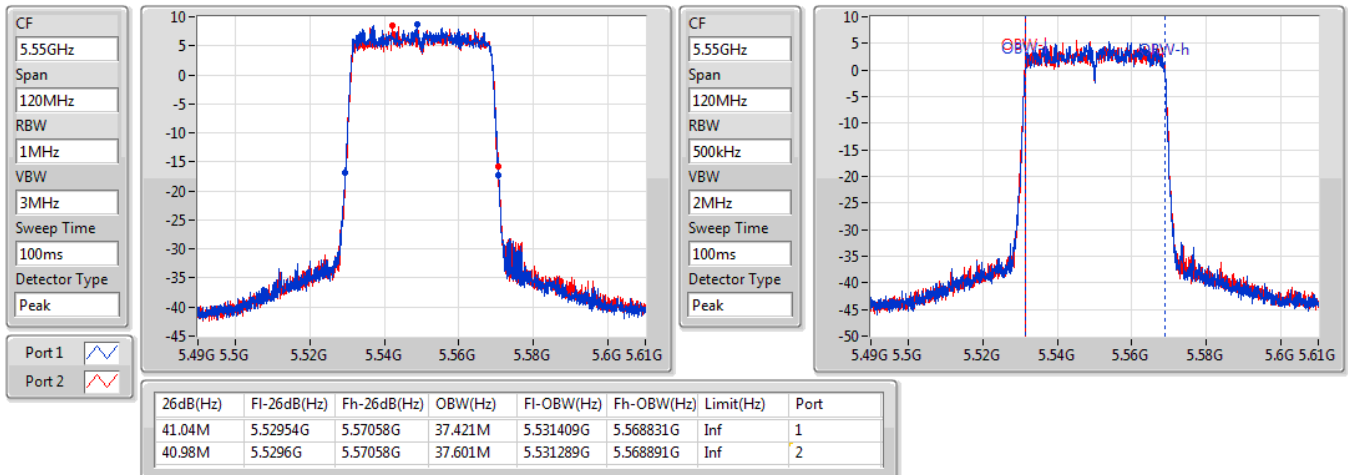


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

23/01/2020

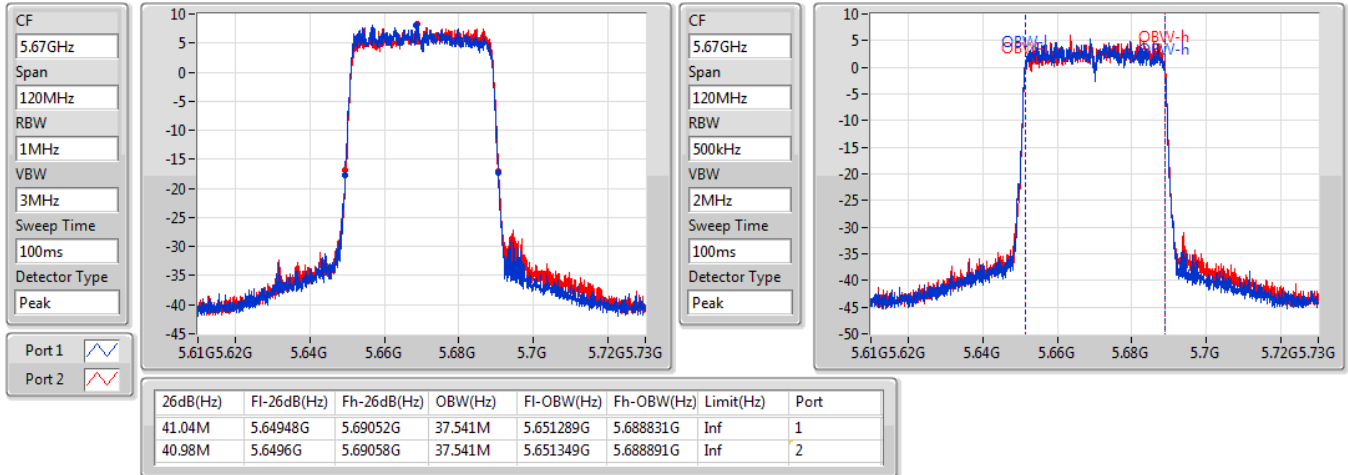


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

23/01/2020

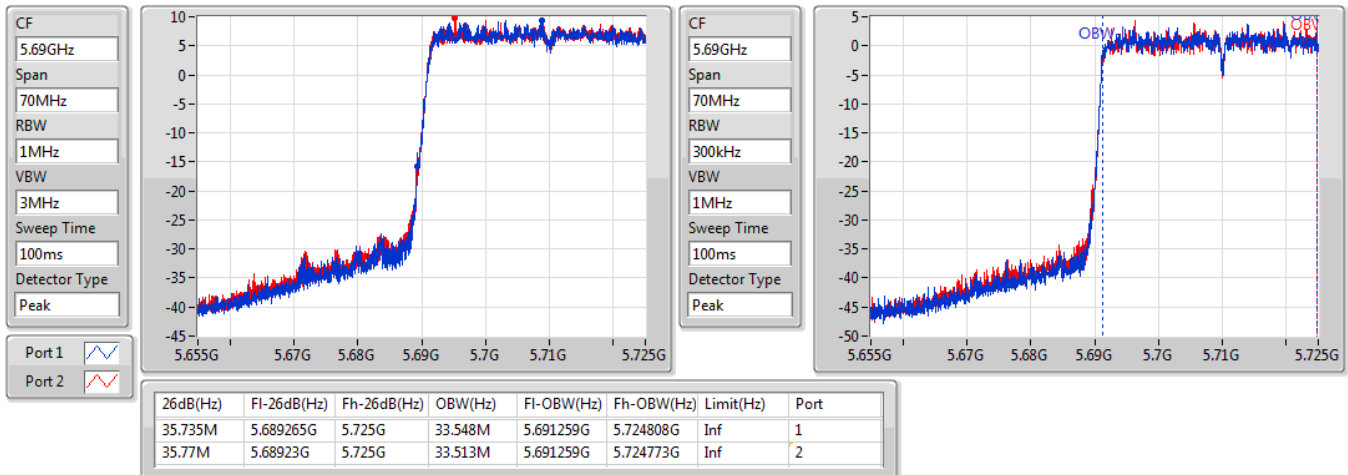


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

23/01/2020

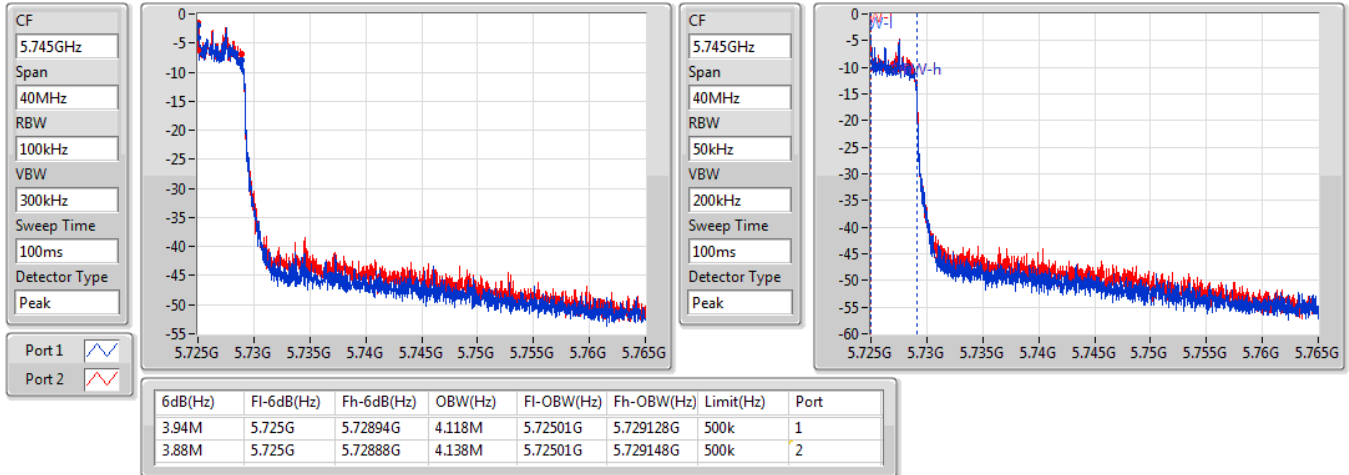


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

23/01/2020

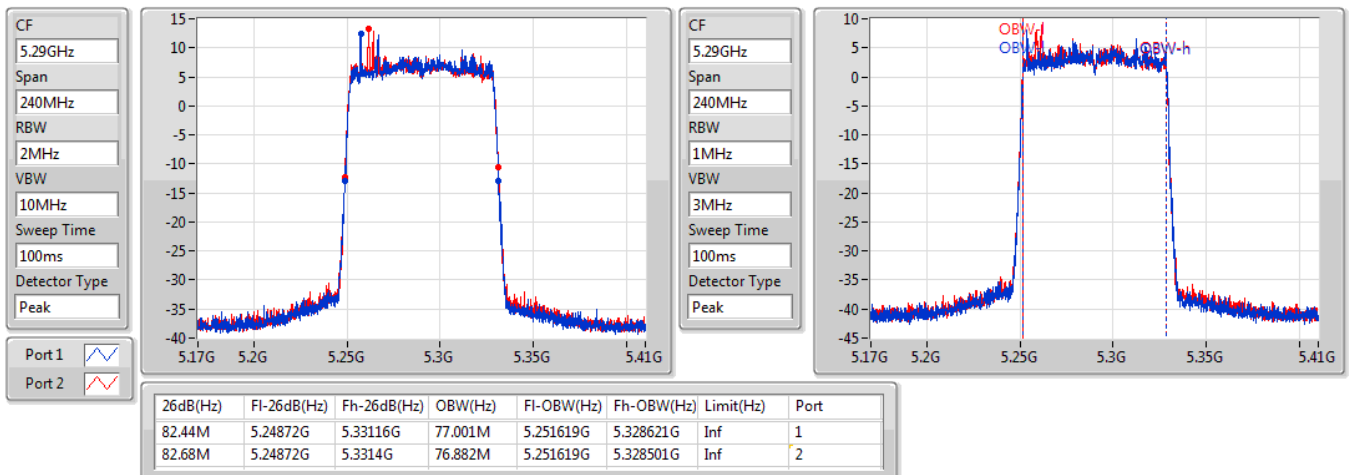


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

23/01/2020

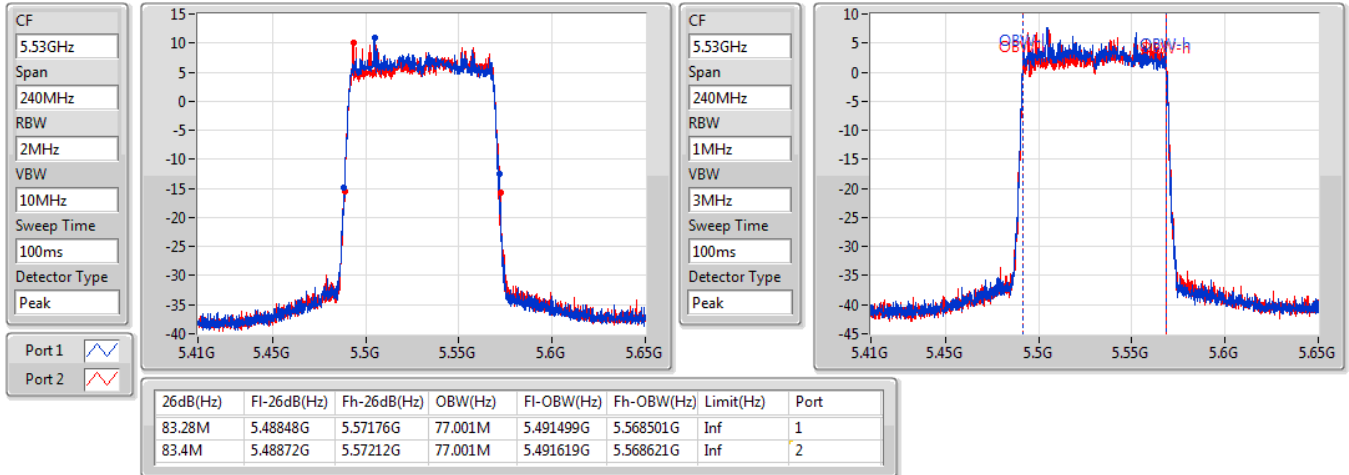


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

23/01/2020

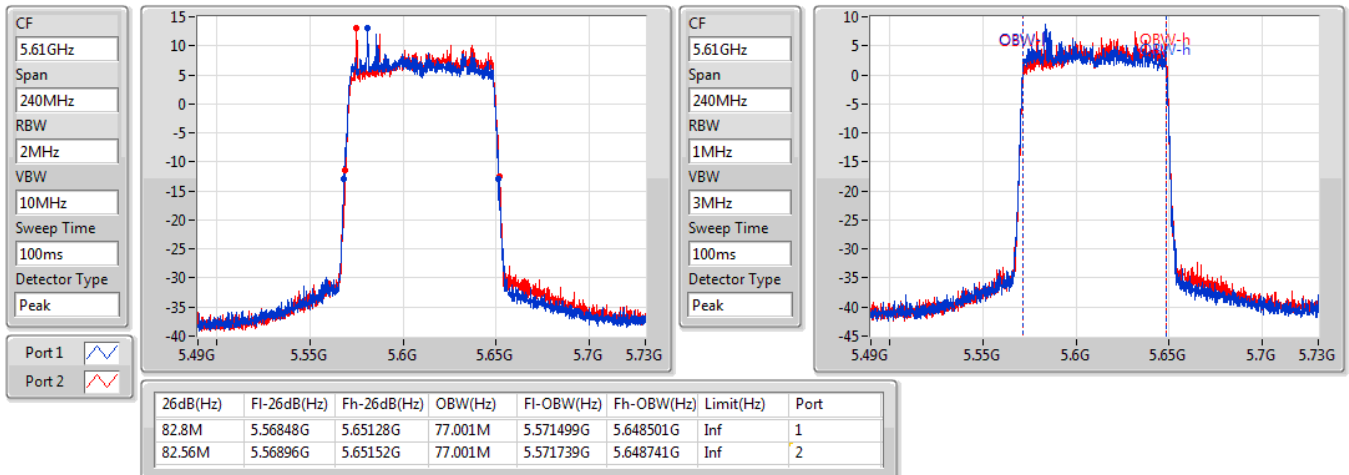


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

23/01/2020

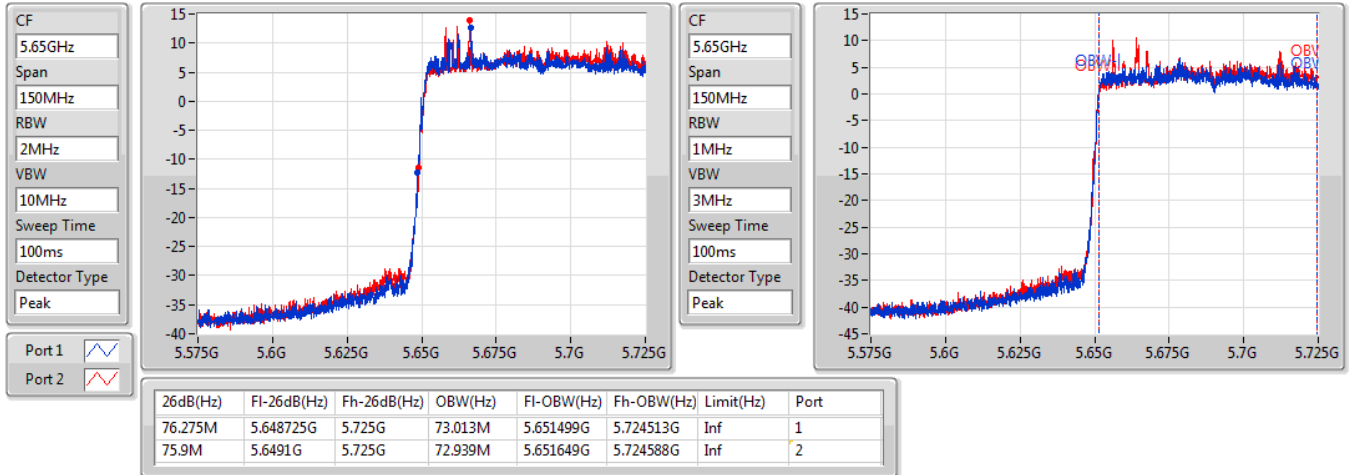


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

23/01/2020

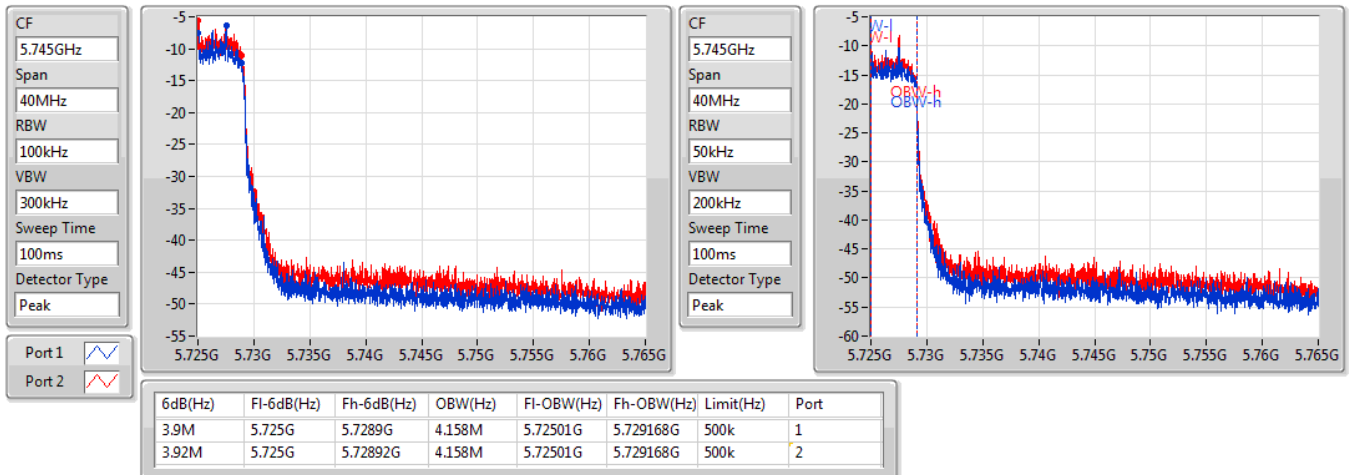


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

23/01/2020



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.84M	17.931M	17M9D1D	21.75M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.92M	36.462M	36M5D1D	40.44M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.92M	76.282M	76M3D1D	82.56M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.72M	19.04M	19M0D1D	21.48M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.1M	37.661M	37M7D1D	40.86M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.52M	77.121M	77M1D1D	83.52M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.05M	17.931M	17M9D1D	15.915M	13.913M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.1M	36.462M	36M5D1D	35.28M	32.919M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	83.04M	75.802M	75M8D1D	76.125M	72.339M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.66M	19.04M	19M0D1D	15.705M	14.468M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.22M	37.661M	37M7D1D	35.385M	33.548M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.04M	77.121M	77M1D1D	76.425M	72.864M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.84M	4.358M	4M36D1D	3.82M	4.318M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.28M	3.658M	3M66D1D	3.18M	3.598M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.2M	3.858M	3M86D1D	3.2M	3.858M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.54M	4.638M	4M64D1D	4.54M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.98M	4.138M	4M14D1D	3.96M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.02M	4.158M	4M16D1D	4M	4.158M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	17.901M	21.81M	17.901M
5300MHz	Pass	Inf	21.78M	17.901M	21.75M	17.931M
5320MHz	Pass	Inf	21.84M	17.901M	21.75M	17.871M
5500MHz	Pass	Inf	21.87M	17.901M	21.84M	17.931M
5580MHz	Pass	Inf	22.02M	17.931M	21.93M	17.931M
5700MHz	Pass	Inf	21.96M	17.871M	22.05M	17.931M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	13.913M	15.99M	13.988M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	4.358M	3.84M	4.318M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.74M	36.462M	40.68M	36.402M
5310MHz	Pass	Inf	40.92M	36.402M	40.44M	36.402M
5510MHz	Pass	Inf	40.62M	36.402M	41.1M	36.462M
5550MHz	Pass	Inf	40.62M	36.402M	40.62M	36.402M
5670MHz	Pass	Inf	40.56M	36.402M	40.74M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.56M	33.023M	35.28M	32.919M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	3.658M	3.18M	3.598M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.92M	75.682M	82.56M	76.282M
5530MHz	Pass	Inf	83.04M	75.802M	81.84M	75.802M
5610MHz	Pass	Inf	82.44M	75.802M	82.92M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.125M	72.414M	76.5M	72.339M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.858M	3.2M	3.858M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.57M	19.01M	21.72M	19.01M
5300MHz	Pass	Inf	21.48M	19.04M	21.6M	19.01M
5320MHz	Pass	Inf	21.57M	19.01M	21.54M	19.04M
5500MHz	Pass	Inf	21.48M	19.04M	21.6M	19.04M
5580MHz	Pass	Inf	21.63M	19.04M	21.66M	19.04M
5700MHz	Pass	Inf	21.48M	19.04M	21.66M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	14.483M	15.705M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.618M	4.54M	4.638M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.98M	37.661M	40.86M	37.601M
5310MHz	Pass	Inf	41.1M	37.661M	41.1M	37.601M
5510MHz	Pass	Inf	40.98M	37.601M	40.98M	37.601M
5550MHz	Pass	Inf	41.22M	37.661M	40.86M	37.661M
5670MHz	Pass	Inf	40.8M	37.601M	41.1M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.583M	35.455M	33.548M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.138M	3.98M	4.118M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.52M	77.121M	83.52M	77.001M
5530MHz	Pass	Inf	82.56M	77.121M	83.04M	77.121M
5610MHz	Pass	Inf	82.92M	77.001M	82.8M	77.001M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.425M	73.238M	76.725M	72.864M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.158M	4.02M	4.158M

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

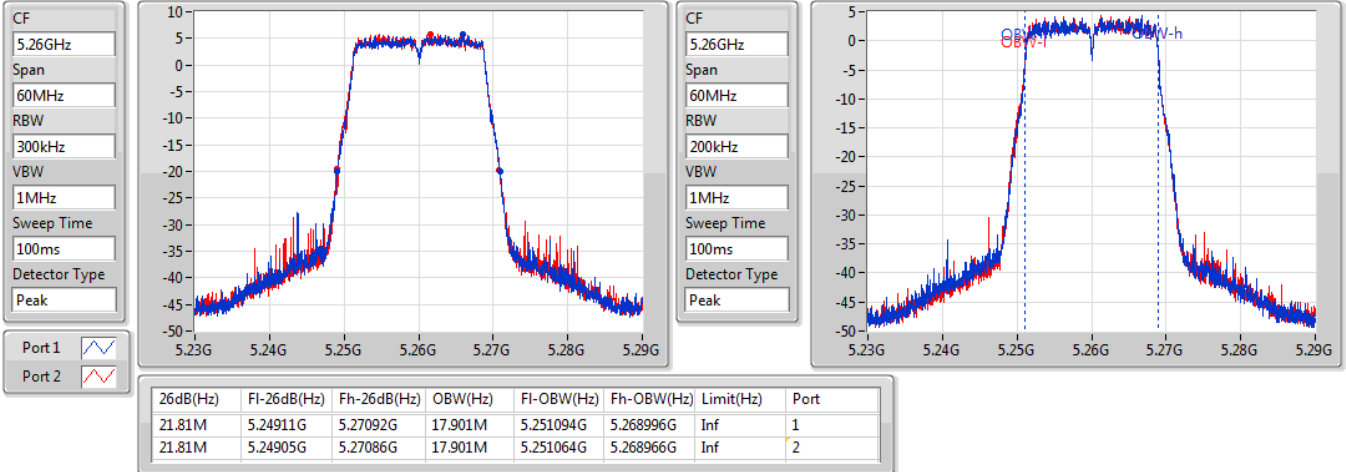
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5260MHz

22/01/2020

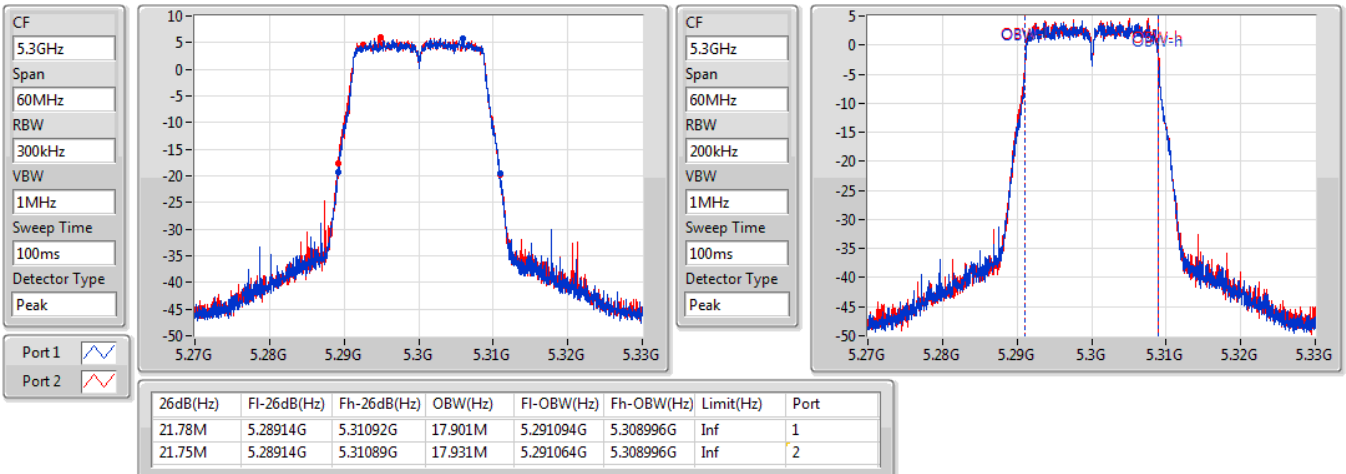


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5300MHz

22/01/2020

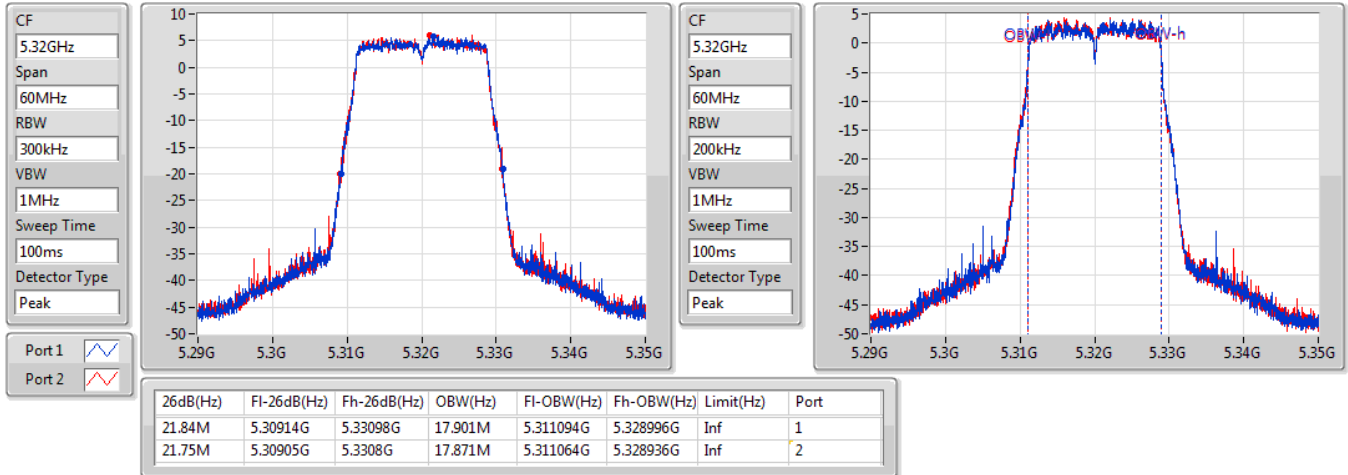


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

22/01/2020

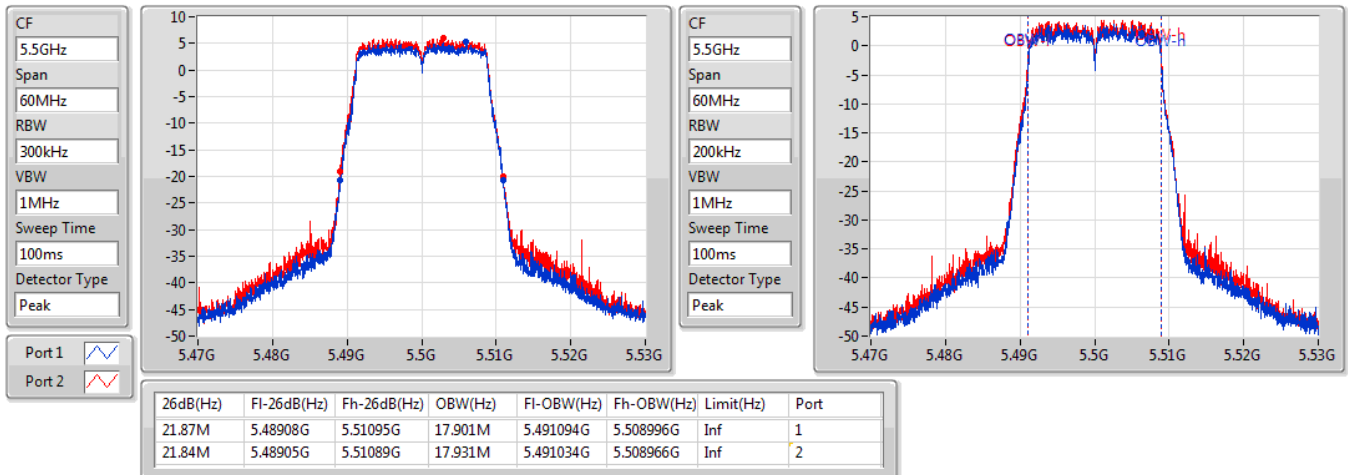


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

22/01/2020

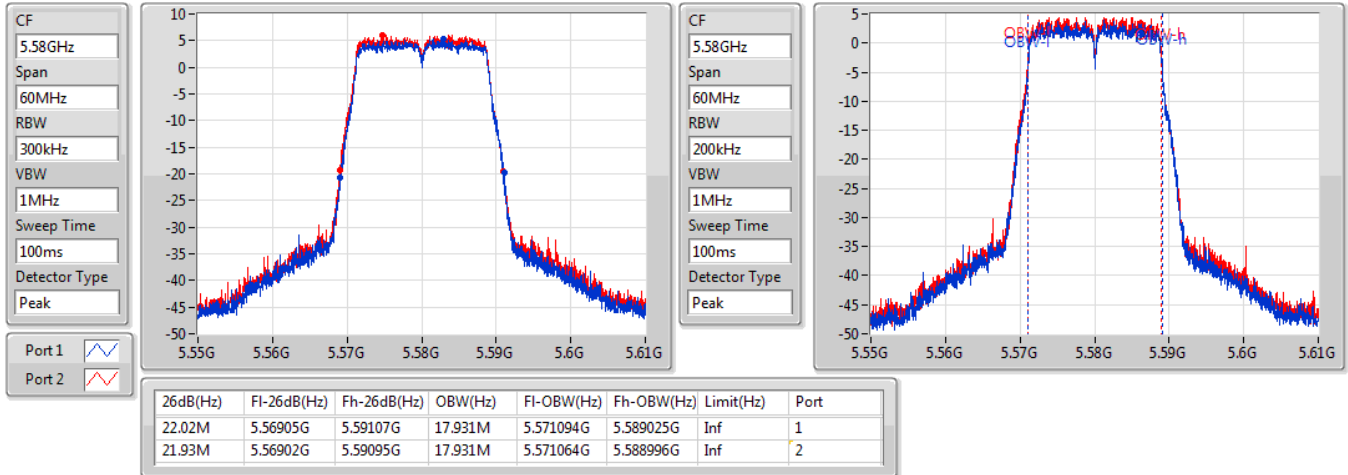


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

22/01/2020

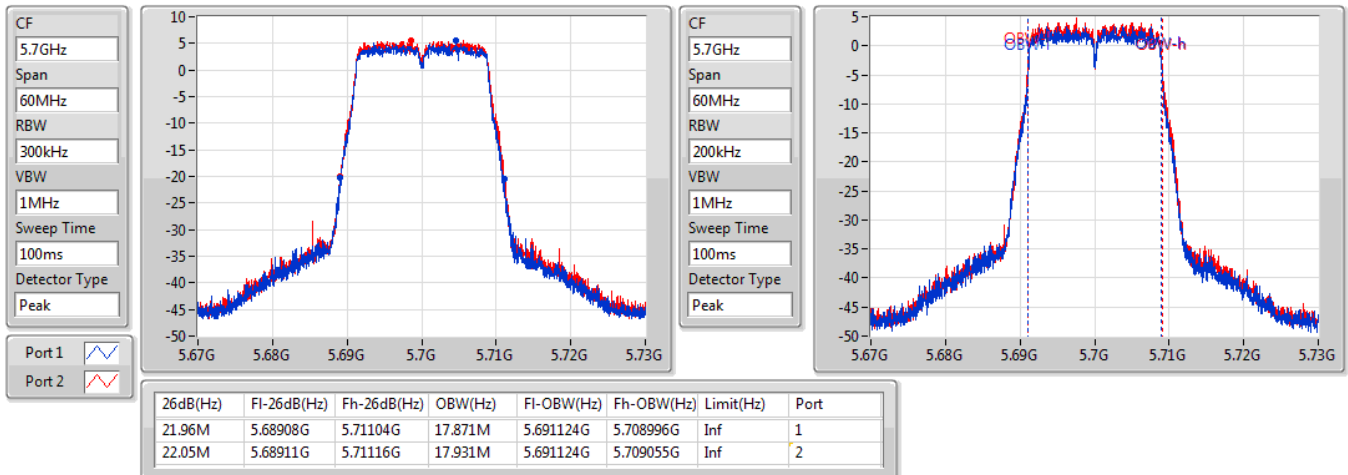


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

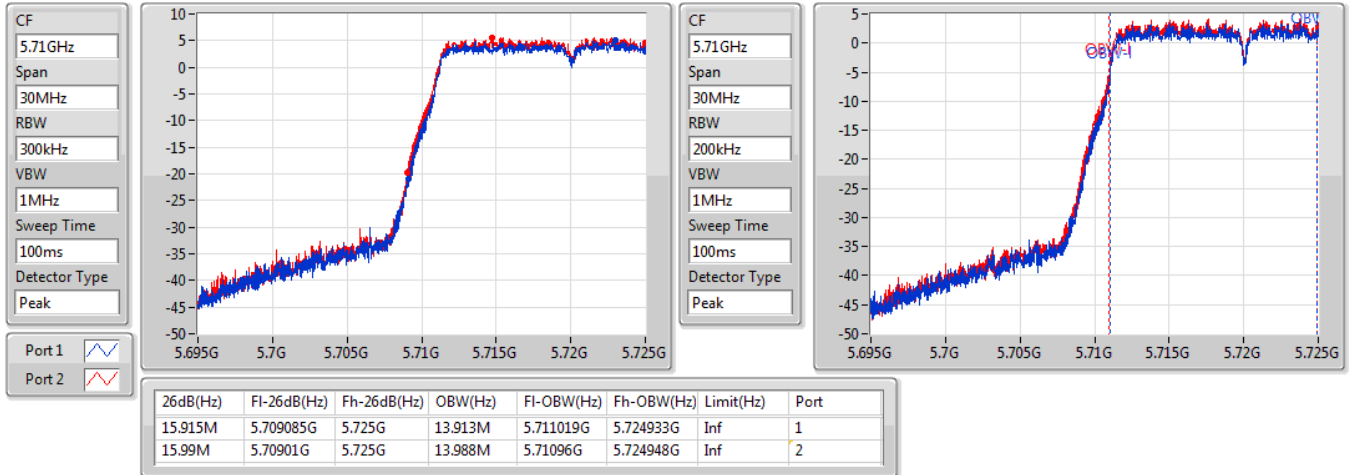
5700MHz

22/01/2020

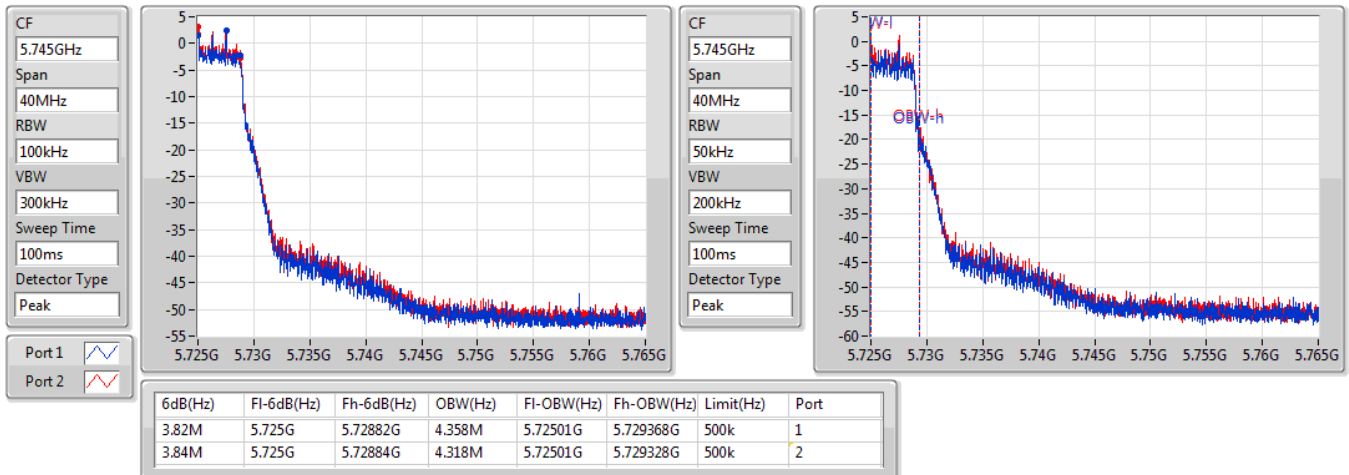


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

22/01/2020


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

22/01/2020

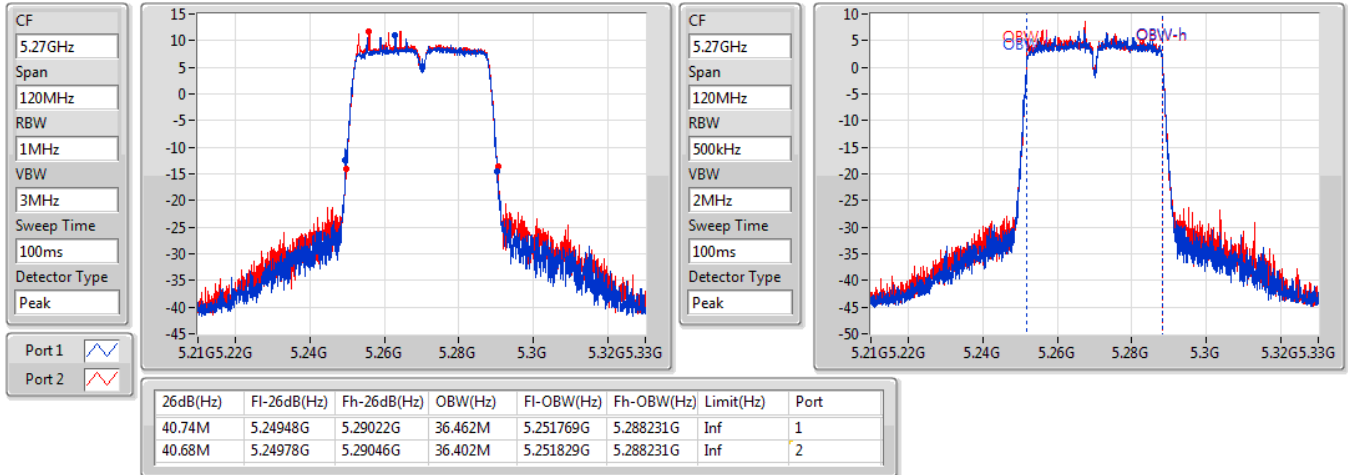


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

22/01/2020

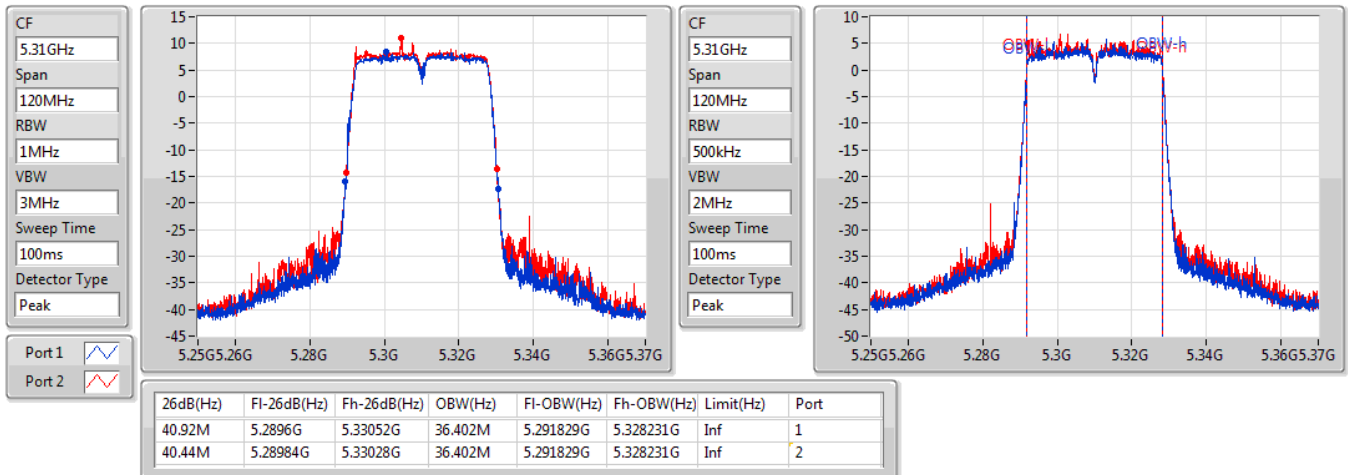


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

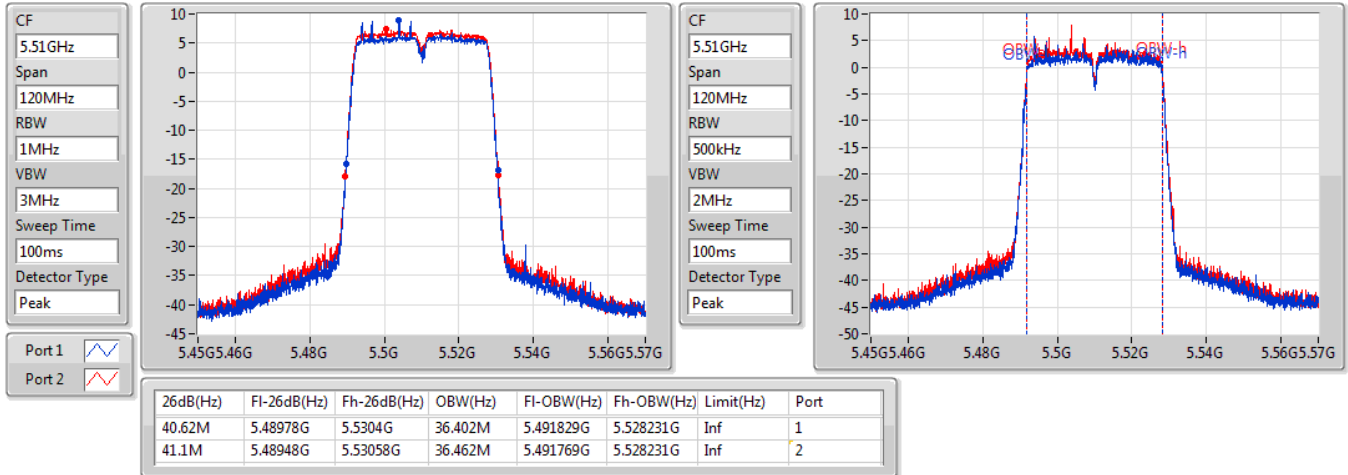
5310MHz

22/01/2020

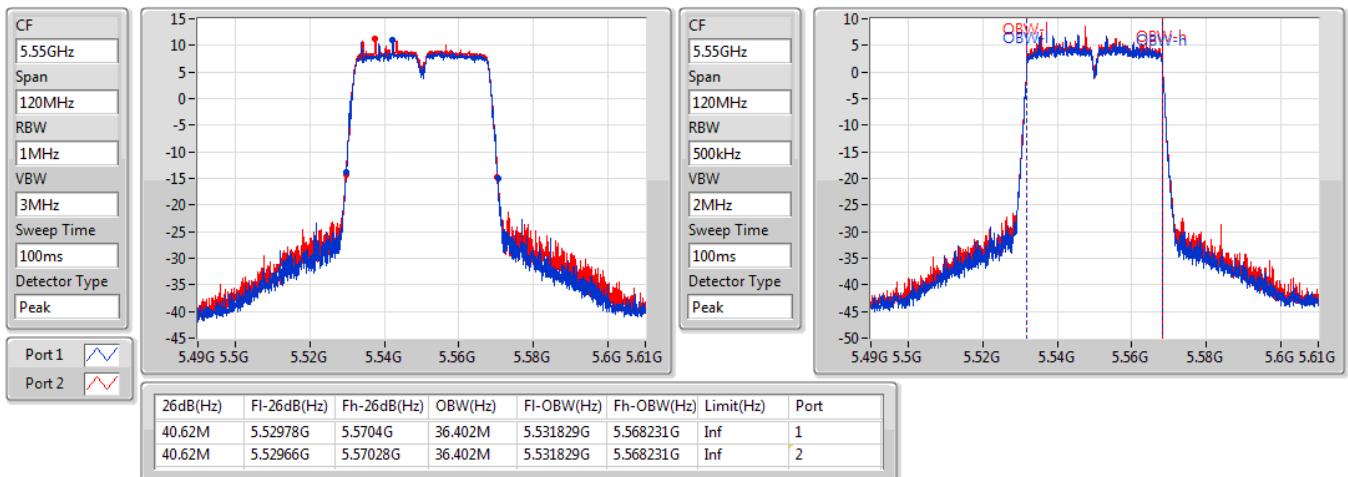


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

22/01/2020


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

22/01/2020

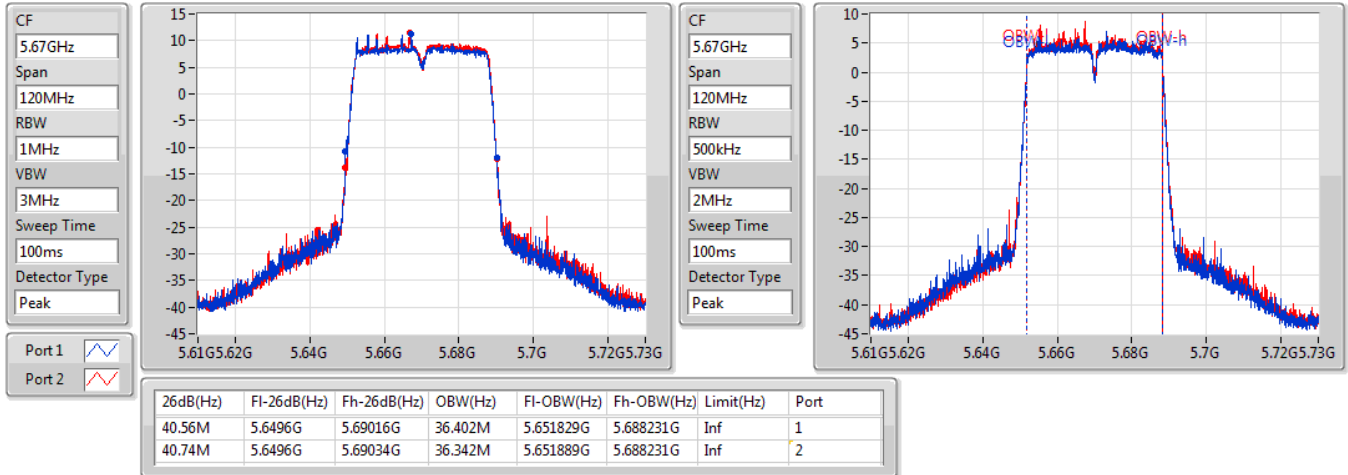


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

22/01/2020

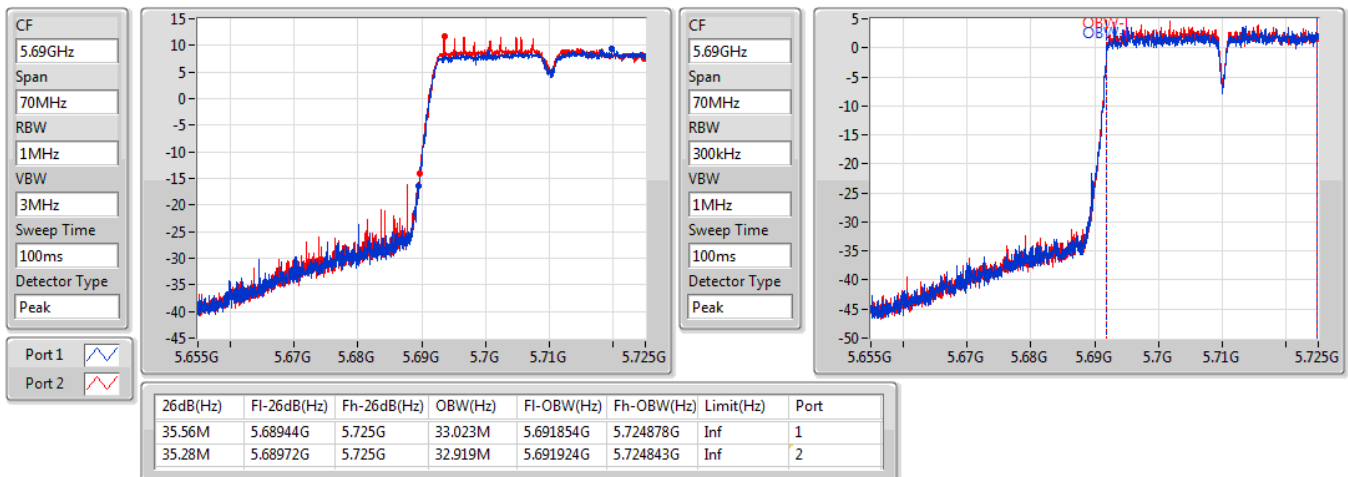


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

22/01/2020

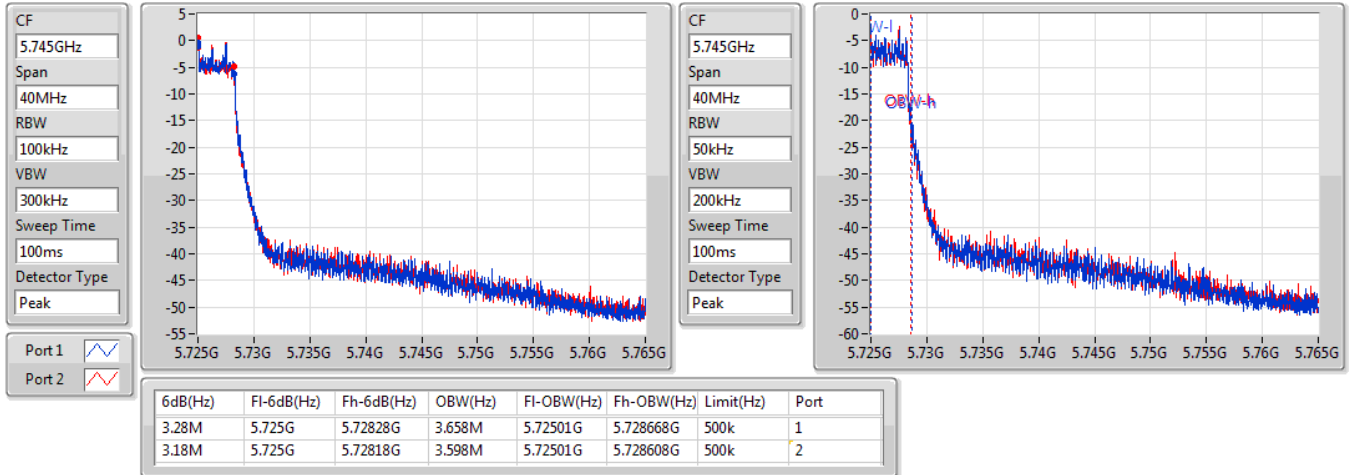


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

22/01/2020

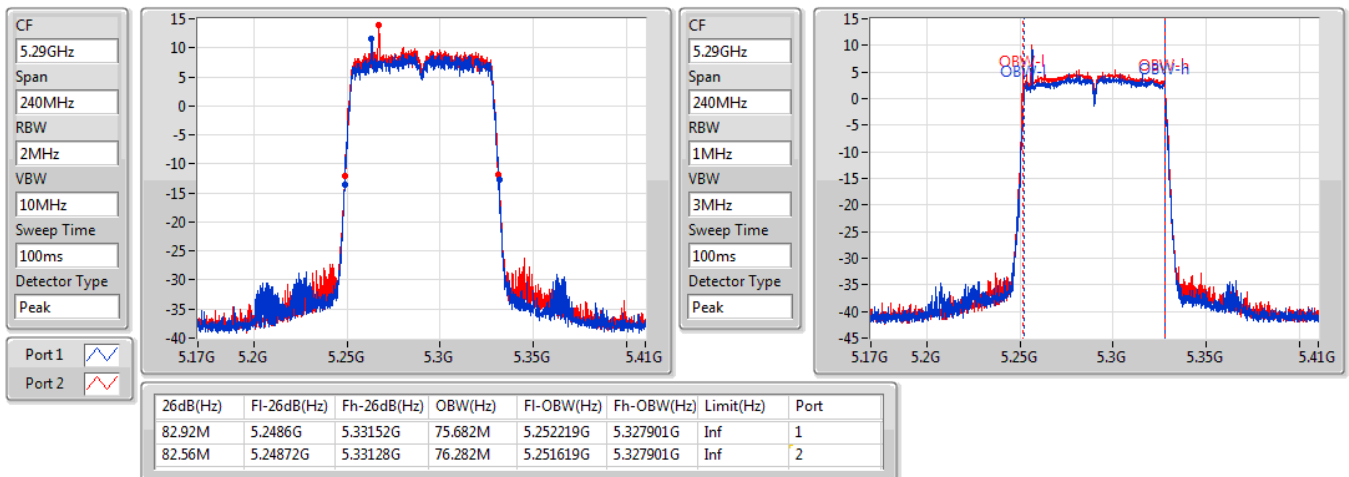


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

22/01/2020

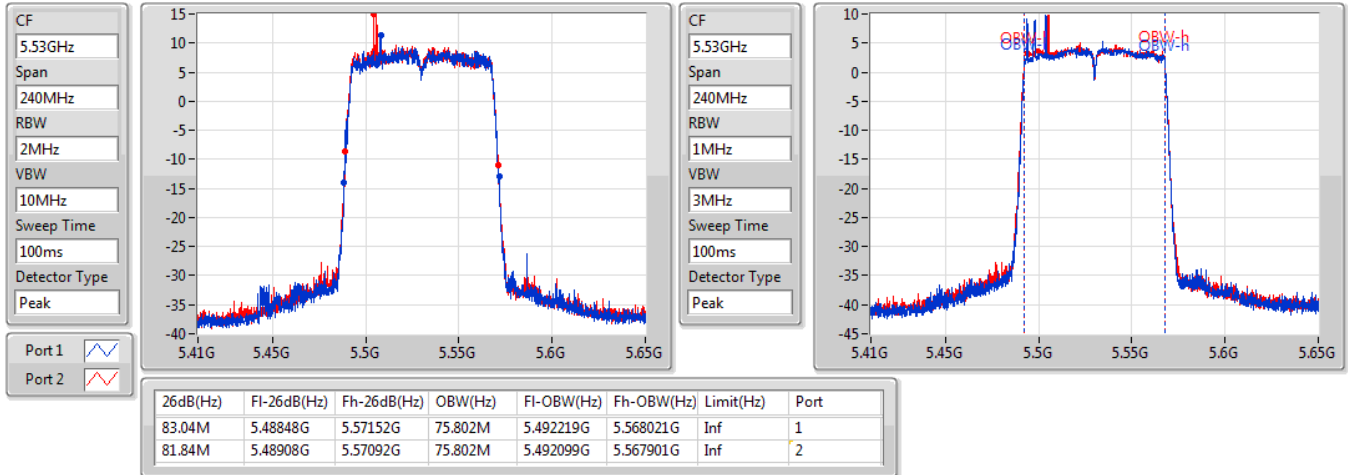


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

22/01/2020



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

22/01/2020

