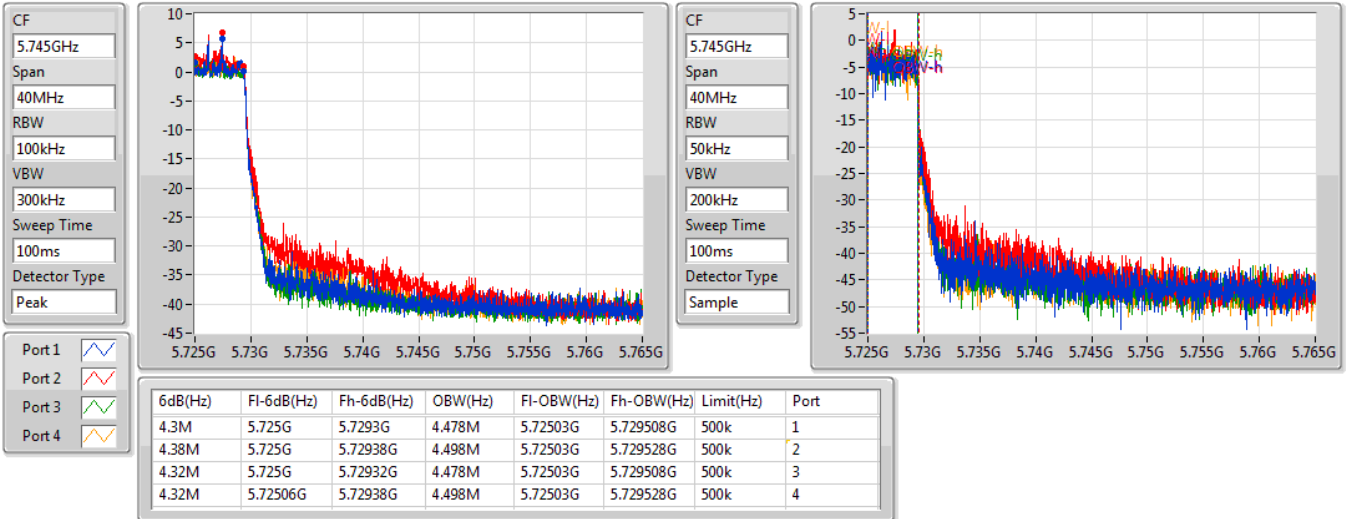
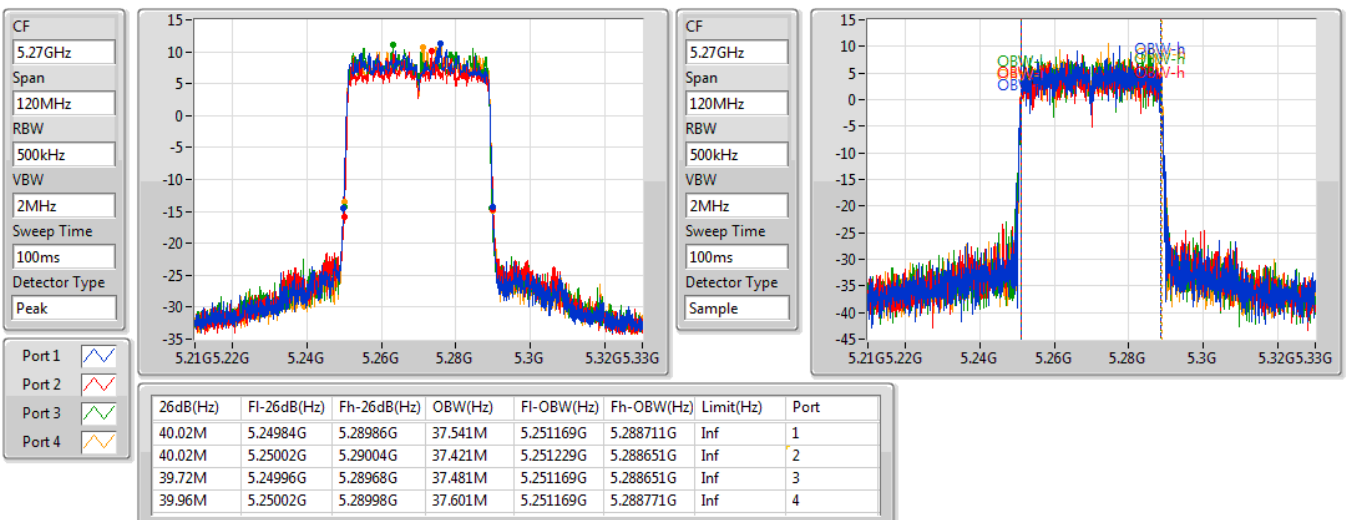


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/10/2019

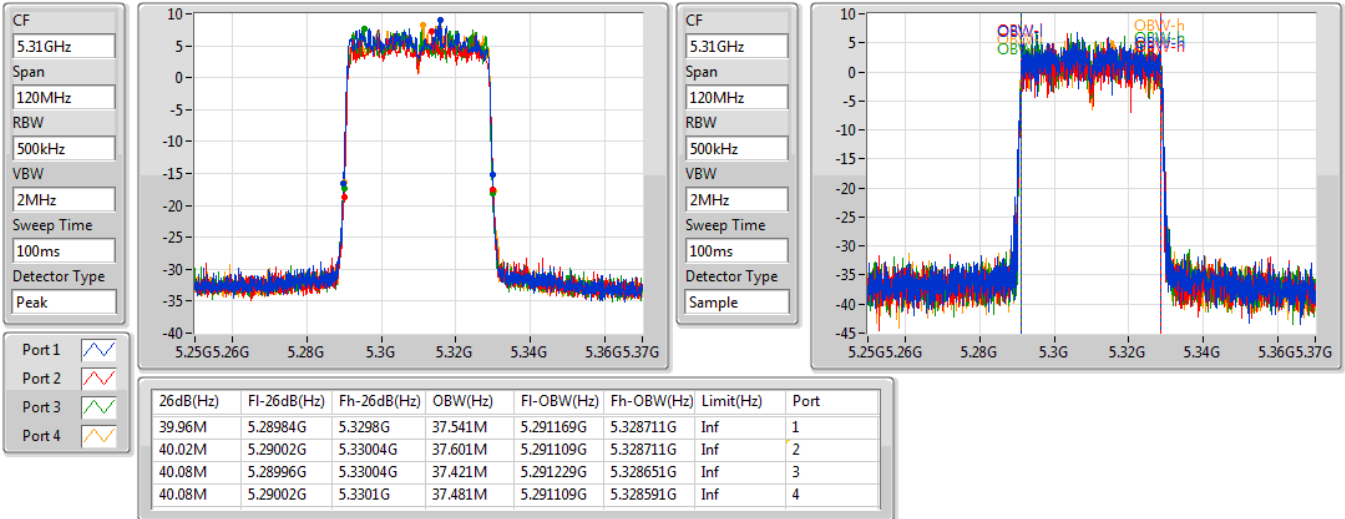

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5270MHz

29/10/2019

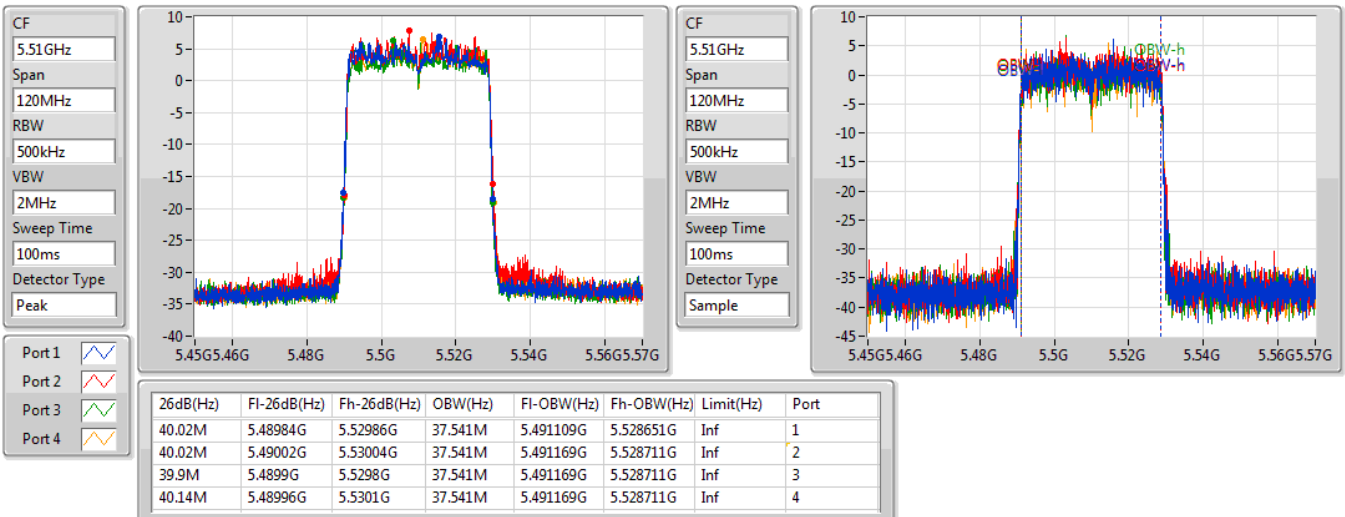


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5310MHz

29/10/2019

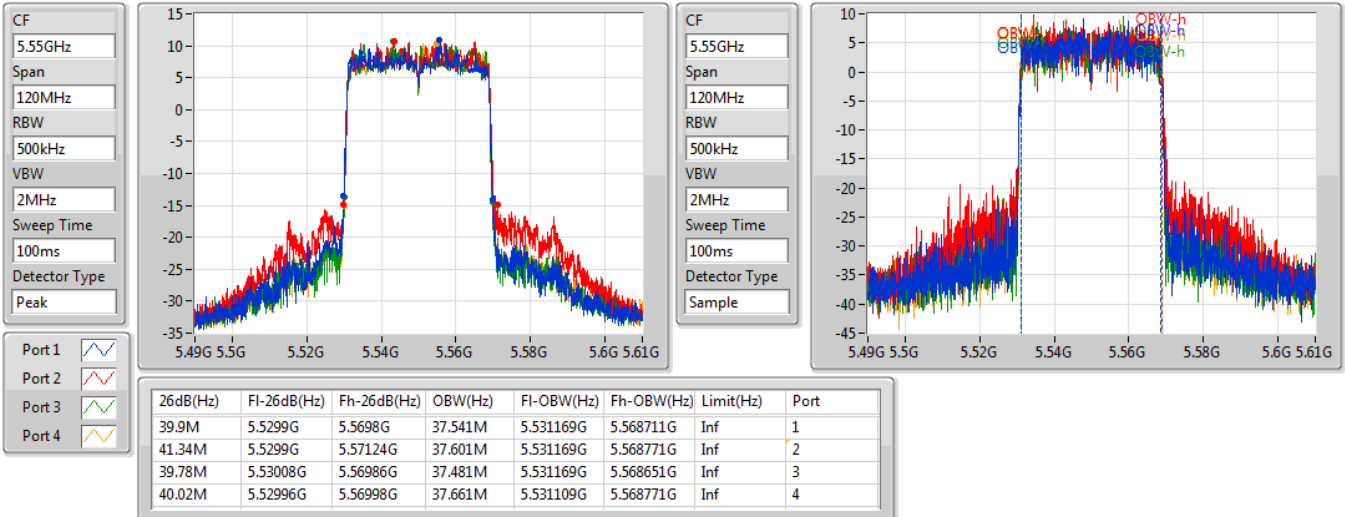

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5510MHz

29/10/2019

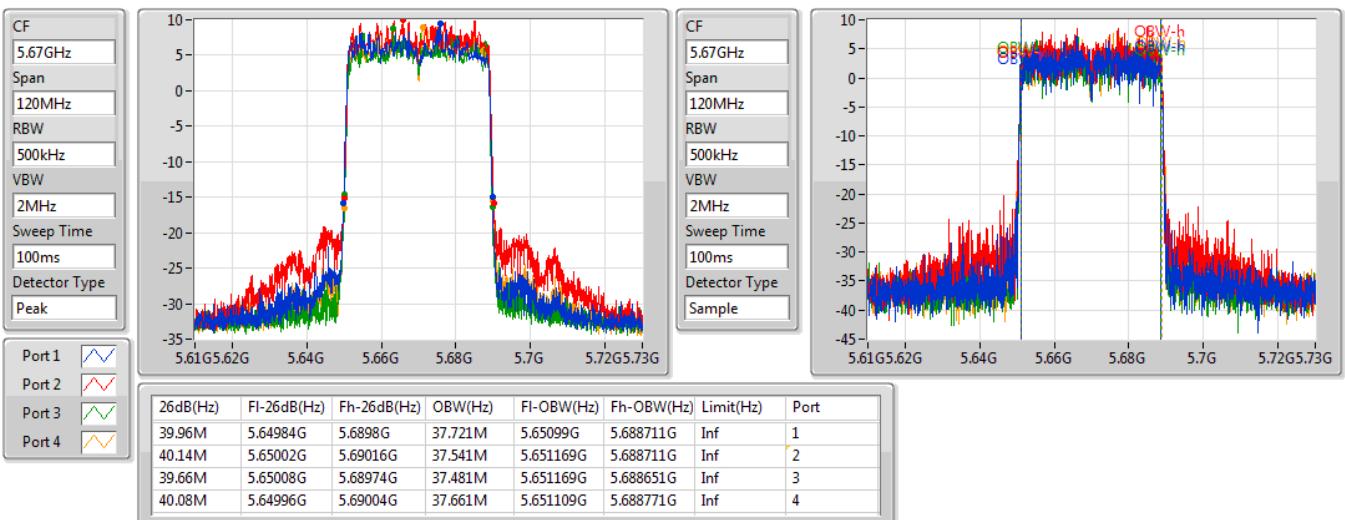


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5550MHz

29/10/2019

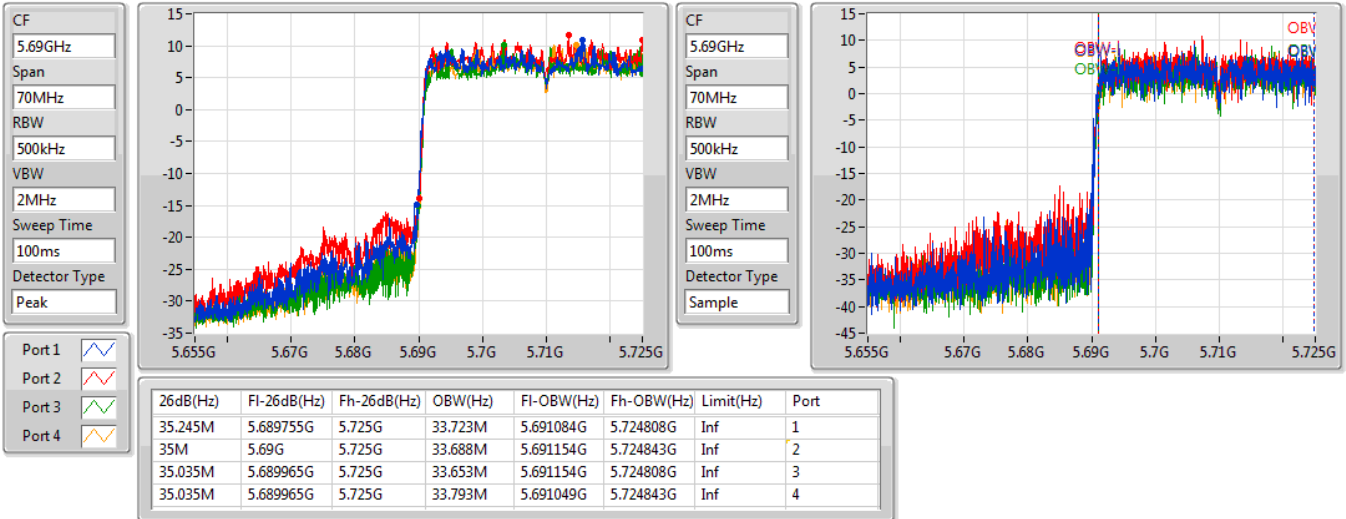

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5670MHz

29/10/2019

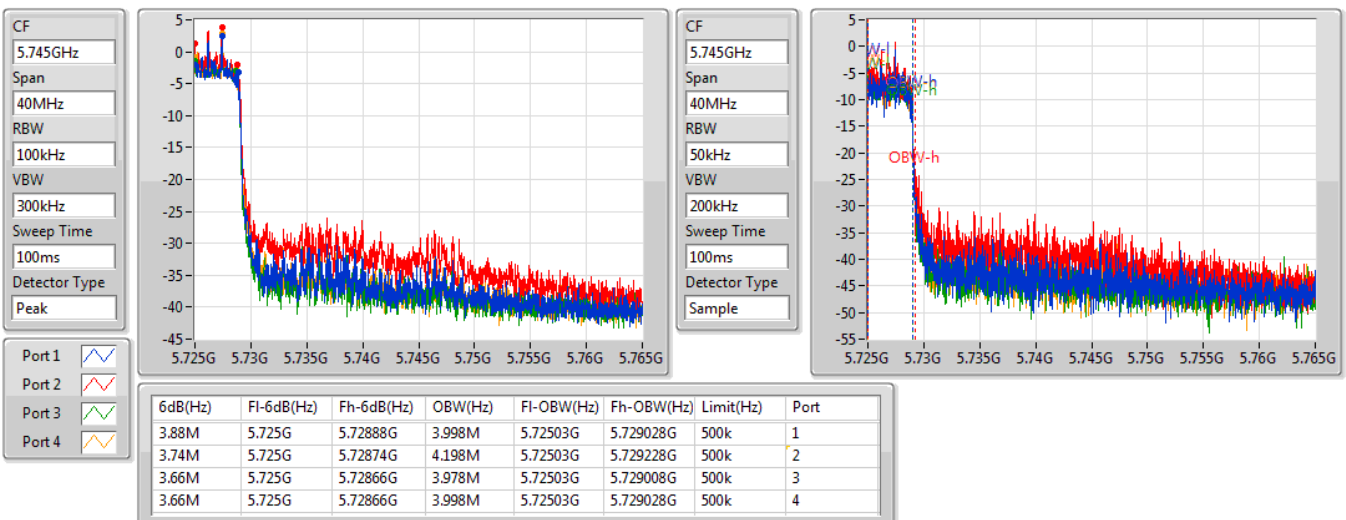


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

29/10/2019

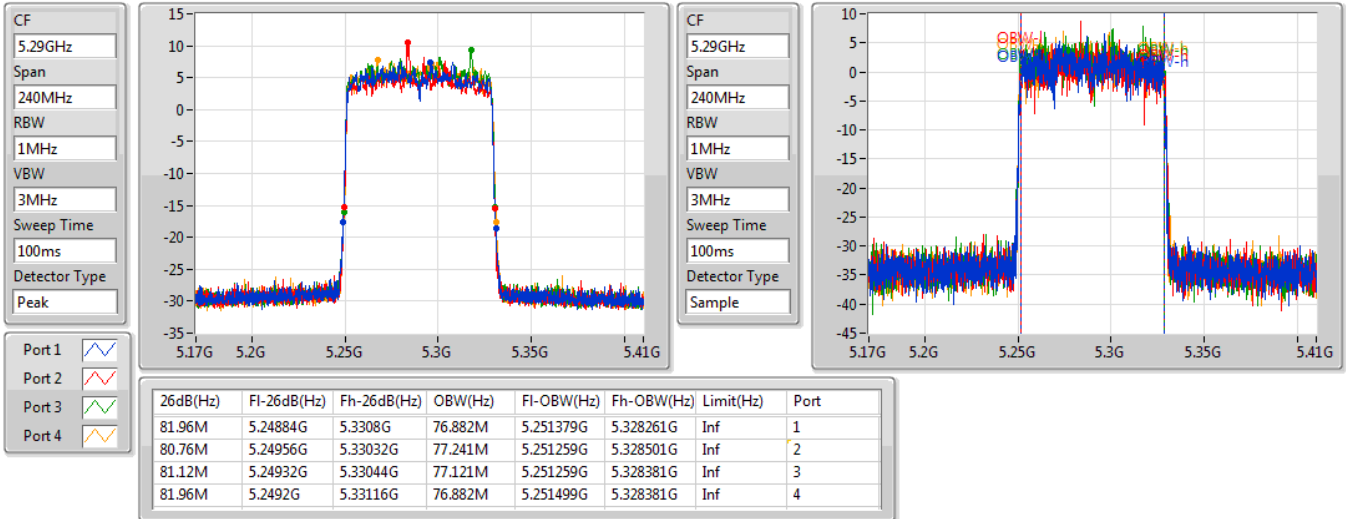

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

29/10/2019

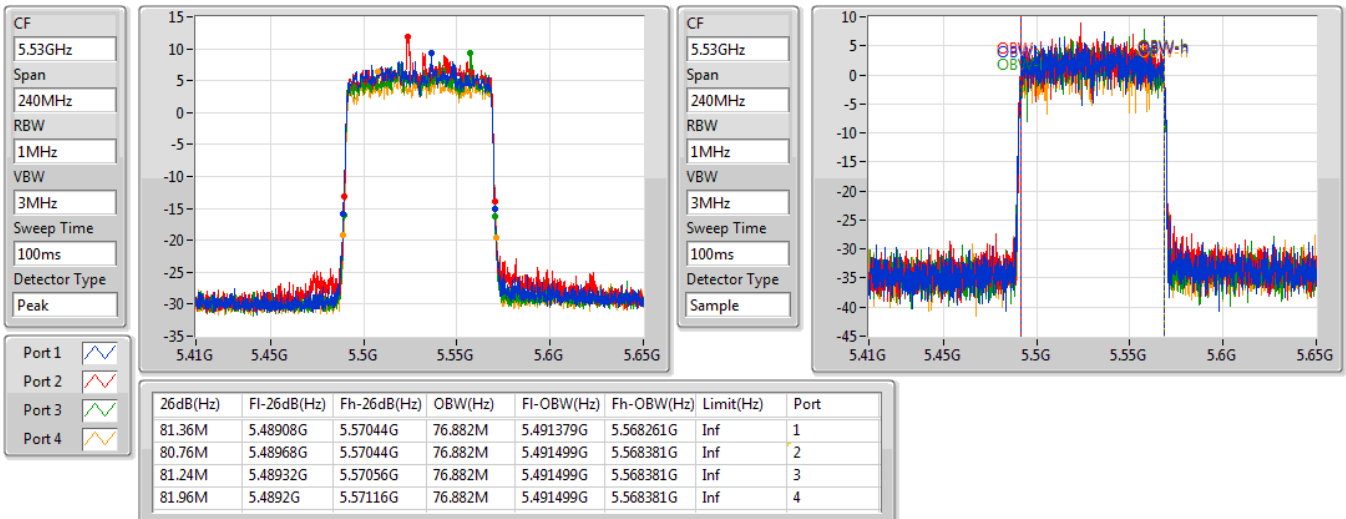


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5290MHz

29/10/2019

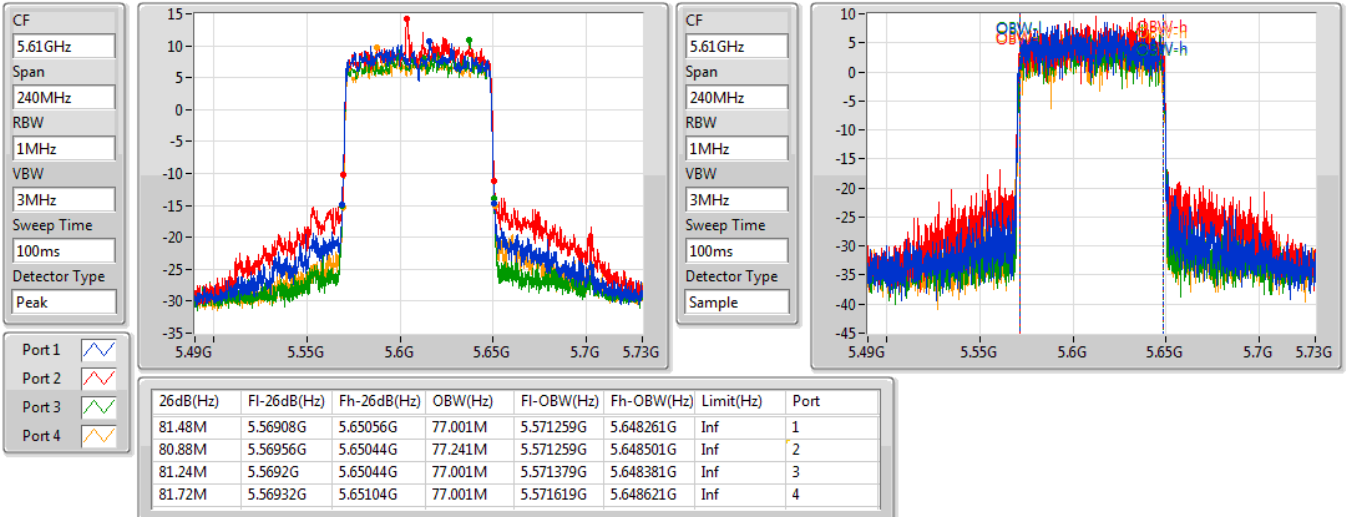

802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5530MHz

29/10/2019

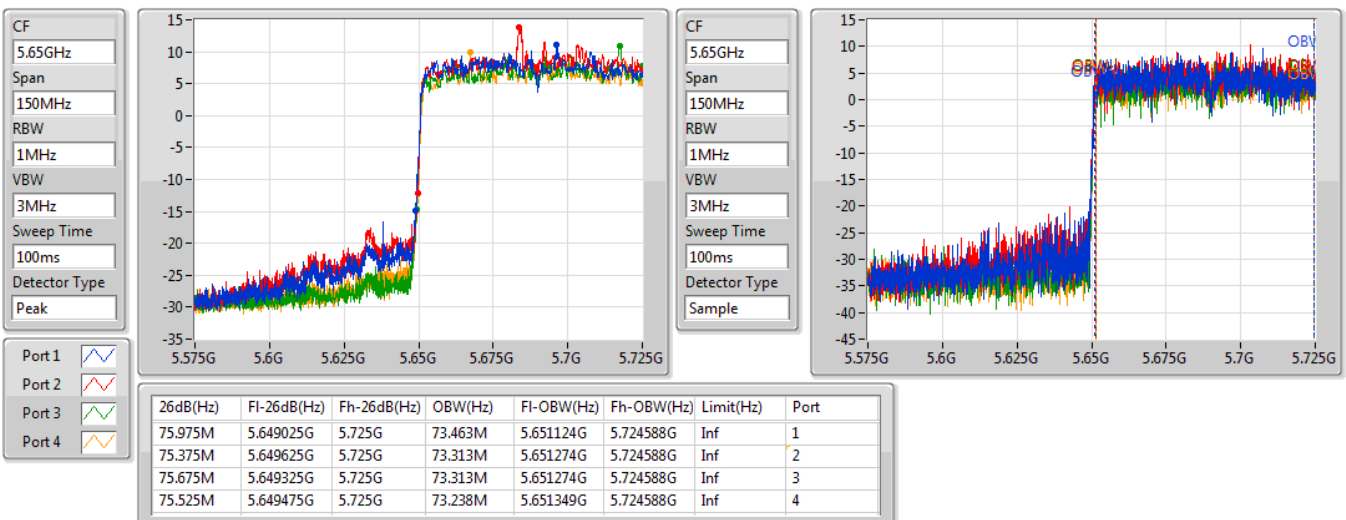


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5610MHz

29/10/2019

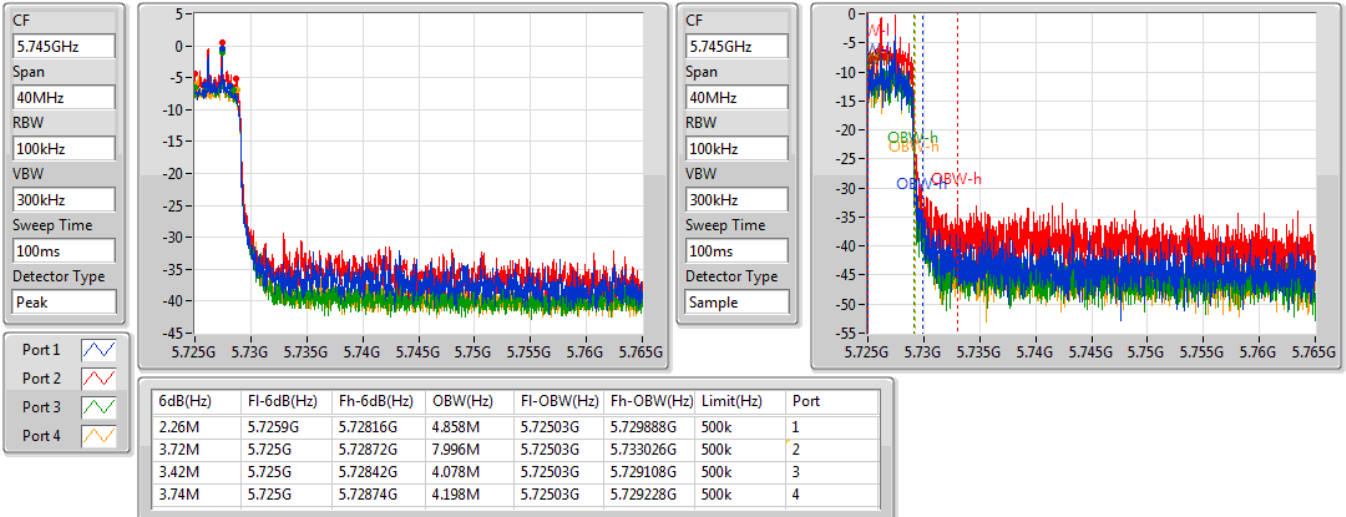

802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

29/10/2019

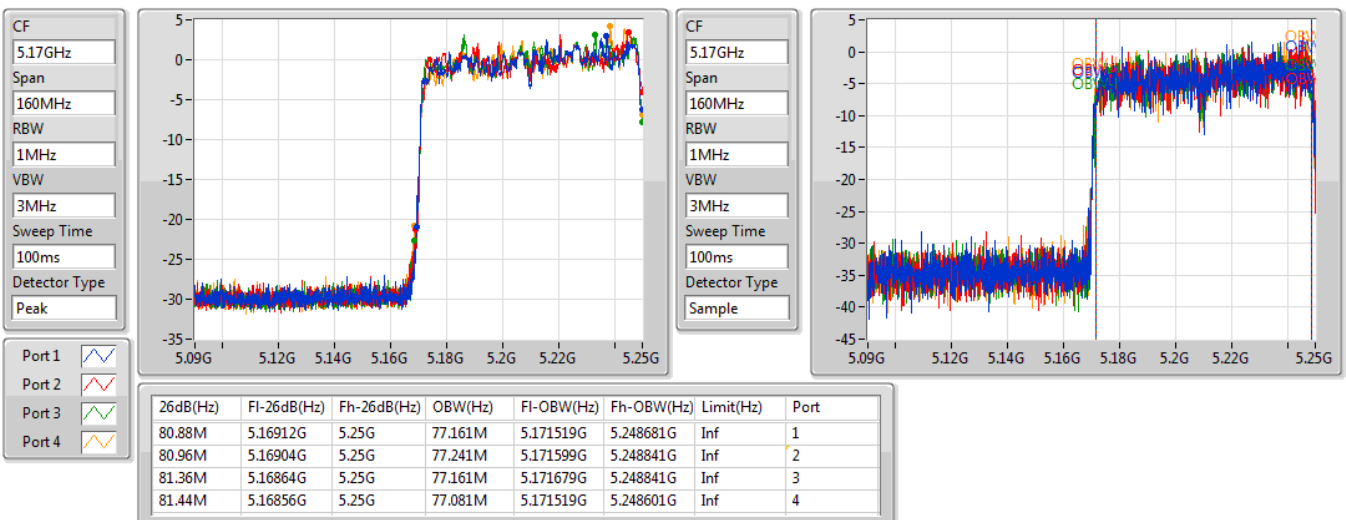


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

29/10/2019

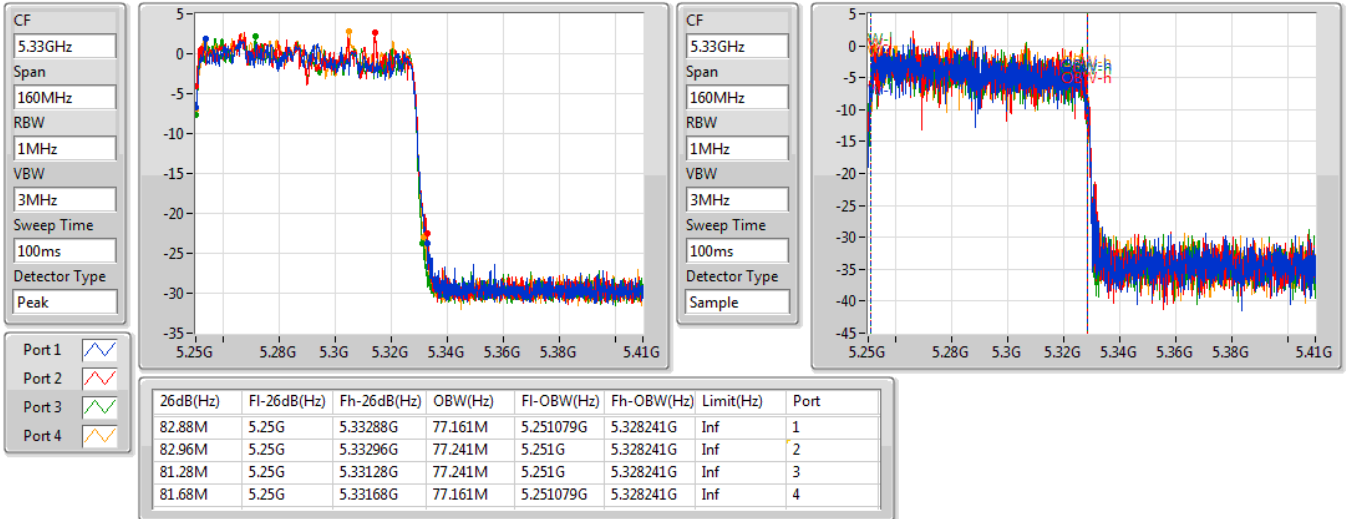

802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

29/10/2019

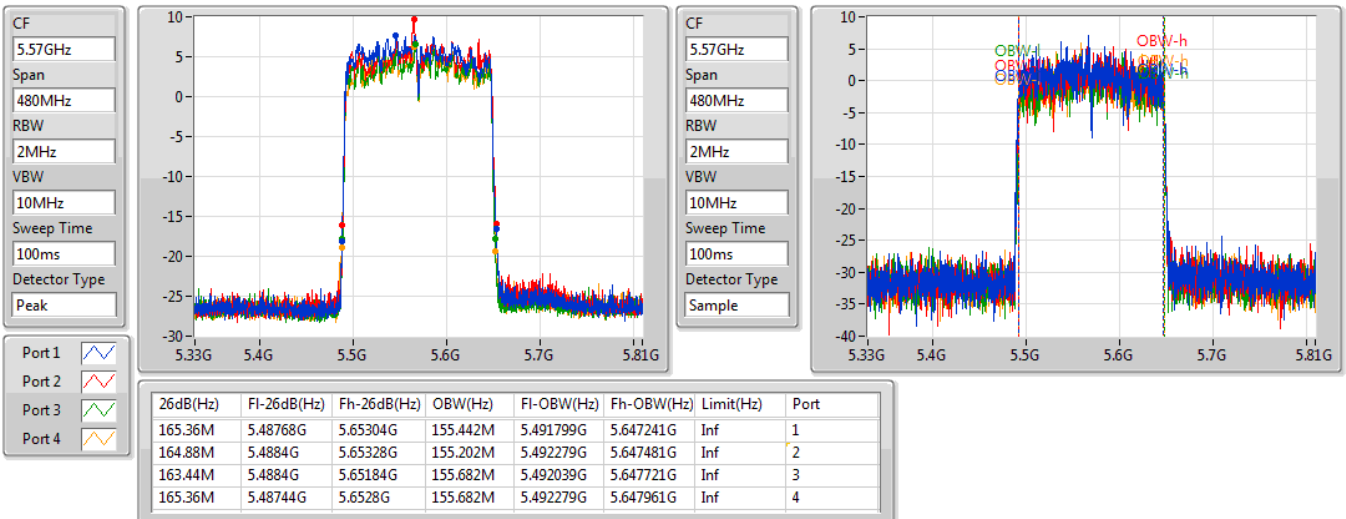


802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

29/10/2019


802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5570MHz

29/10/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	115.6M	75.962M	76M0D1D	115.6M	75.962M
802.11ax HEW160_Nss1,(MCS0)_1TX	80.8M	77.241M	77M2D1D	80.8M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.53M	19.67M	19M7D1D	27.42M	16.702M
802.11ac VHT20_Nss1,(MCS0)_1TX	45.36M	19.55M	19M5D1D	22.47M	17.811M
802.11ac VHT40_Nss1,(MCS0)_1TX	81.18M	36.762M	36M8D1D	40.38M	36.342M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.08M	75.802M	75M8D1D	82.08M	75.802M
802.11ac VHT160_Nss1,(MCS0)_1TX	147.2M	76.122M	76M1D1D	147.2M	76.122M
802.11ax HEW20_Nss1,(MCS0)_1TX	44.04M	19.88M	19M9D1D	23.91M	19.01M
802.11ax HEW40_Nss1,(MCS0)_1TX	73.68M	37.901M	37M9D1D	40.14M	37.721M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.56M	77.241M	77M2D1D	82.56M	77.241M
802.11ax HEW160_Nss1,(MCS0)_1TX	81.92M	77.161M	77M2D1D	81.92M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.59M	19.85M	19M8D1D	21.51M	14.888M
802.11ac VHT20_Nss1,(MCS0)_1TX	45.51M	19.64M	19M6D1D	21.78M	14.648M
802.11ac VHT40_Nss1,(MCS0)_1TX	86.82M	37.181M	37M2D1D	40.32M	34.668M
802.11ac VHT80_Nss1,(MCS0)_1TX	122.16M	75.922M	75M9D1D	82.32M	73.613M
802.11ac VHT160_Nss1,(MCS0)_1TX	164.4M	154.963M	155MD1D	164.4M	154.963M
802.11ax HEW20_Nss1,(MCS0)_1TX	43.92M	19.73M	19M7D1D	21.63M	14.873M
802.11ax HEW40_Nss1,(MCS0)_1TX	74.88M	38.081M	38M1D1D	40.08M	34.213M
802.11ax HEW80_Nss1,(MCS0)_1TX	142.32M	77.361M	77M4D1D	82.2M	74.138M
802.11ax HEW160_Nss1,(MCS0)_1TX	165.12M	156.162M	156MD1D	165.12M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	10.735M	10M7D1D	3.1M	10.735M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.74M	10.095M	10M1D1D	3.74M	10.095M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.12M	24.528M	24M5D1D	3.12M	24.528M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.08M	36.502M	36M5D1D	3.08M	36.502M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.42M	11.094M	11M1D1D	4.42M	11.094M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.72M	24.568M	24M6D1D	3.72M	24.568M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.76M	35.402M	35M4D1D	3.76M	35.402M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.29M	18.891M
5300MHz	Pass	Inf	43.53M	19.67M
5320MHz	Pass	Inf	27.42M	16.702M
5500MHz	Pass	Inf	21.51M	16.672M
5580MHz	Pass	Inf	43.59M	19.85M
5700MHz	Pass	Inf	21.51M	16.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.02M	14.888M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	10.735M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	45.36M	19.55M
5300MHz	Pass	Inf	45.24M	19.25M
5320MHz	Pass	Inf	22.47M	17.811M
5500MHz	Pass	Inf	21.87M	17.811M
5580MHz	Pass	Inf	45.51M	19.64M
5700MHz	Pass	Inf	21.78M	17.781M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.725M	14.648M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	10.095M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	81.18M	36.762M
5310MHz	Pass	Inf	40.38M	36.342M
5510MHz	Pass	Inf	40.56M	36.282M
5550MHz	Pass	Inf	86.82M	37.181M
5670MHz	Pass	Inf	40.32M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	58.135M	34.668M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	24.528M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.08M	75.802M
5530MHz	Pass	Inf	82.32M	75.802M
5610MHz	Pass	Inf	122.16M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	120.9M	73.613M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	36.502M
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	115.6M	75.962M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	147.2M	76.122M
5570MHz	Pass	Inf	164.4M	154.963M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	44.04M	19.79M
5300MHz	Pass	Inf	42.03M	19.88M
5320MHz	Pass	Inf	23.91M	19.01M
5500MHz	Pass	Inf	21.63M	18.951M
5580MHz	Pass	Inf	43.92M	19.73M
5700MHz	Pass	Inf	21.69M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	26.565M	14.873M

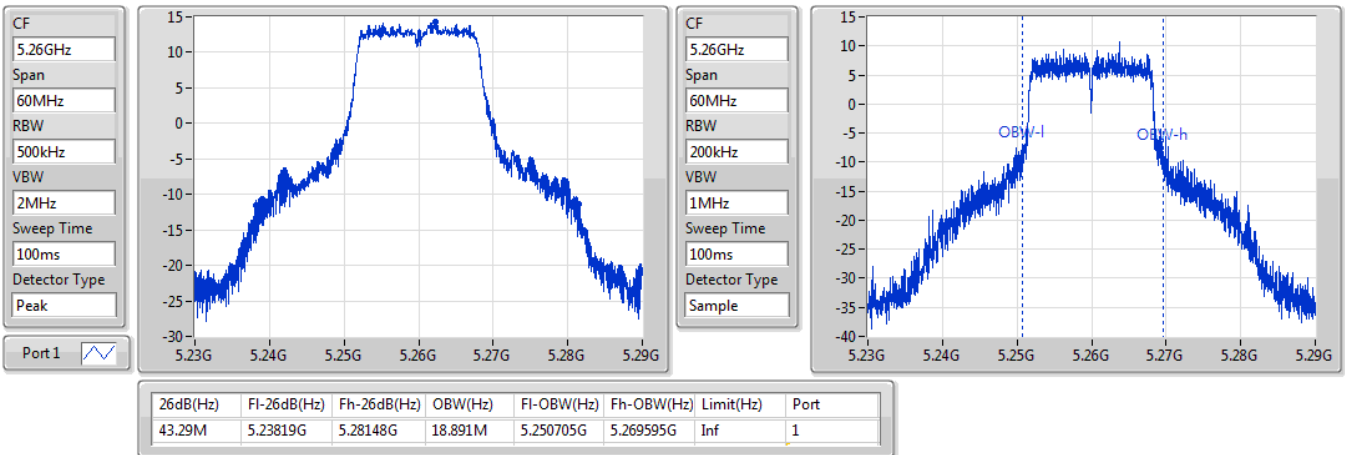
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	11.094M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	73.68M	37.901M
5310MHz	Pass	Inf	40.14M	37.721M
5510MHz	Pass	Inf	40.32M	37.541M
5550MHz	Pass	Inf	74.88M	38.081M
5670MHz	Pass	Inf	40.08M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	56.385M	34.213M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	24.568M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.56M	77.241M
5530MHz	Pass	Inf	82.2M	77.001M
5610MHz	Pass	Inf	142.32M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	125.325M	74.138M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	35.402M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.161M
5570MHz	Pass	Inf	165.12M	156.162M

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

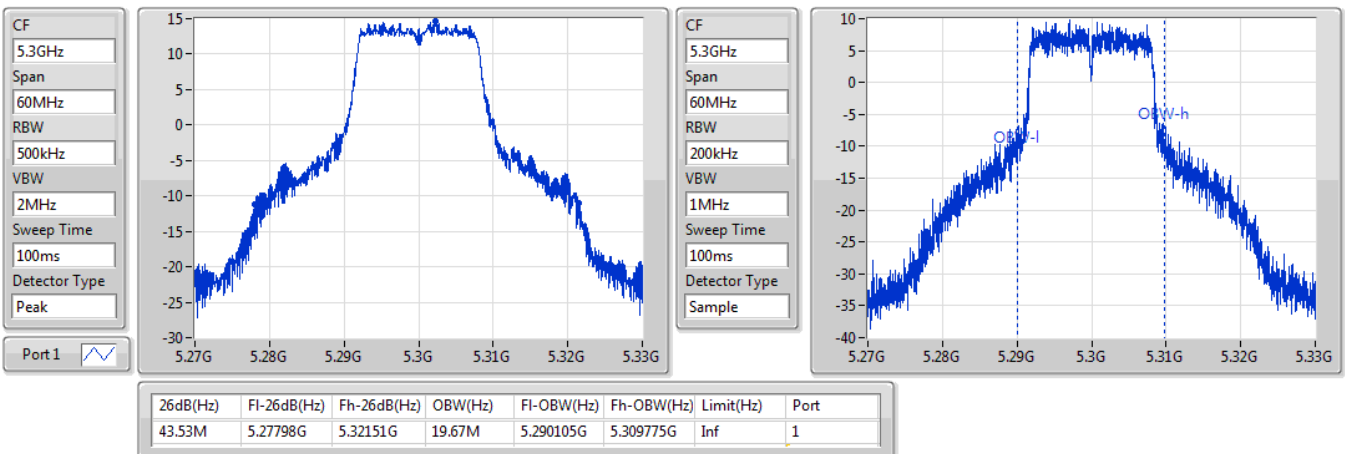
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

02/11/2019

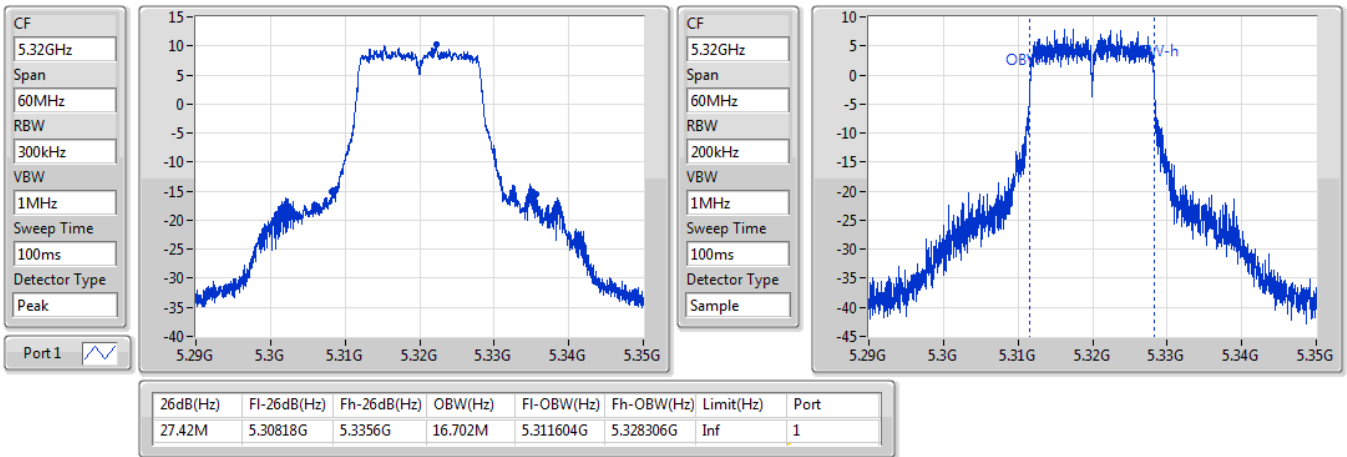

802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

02/11/2019

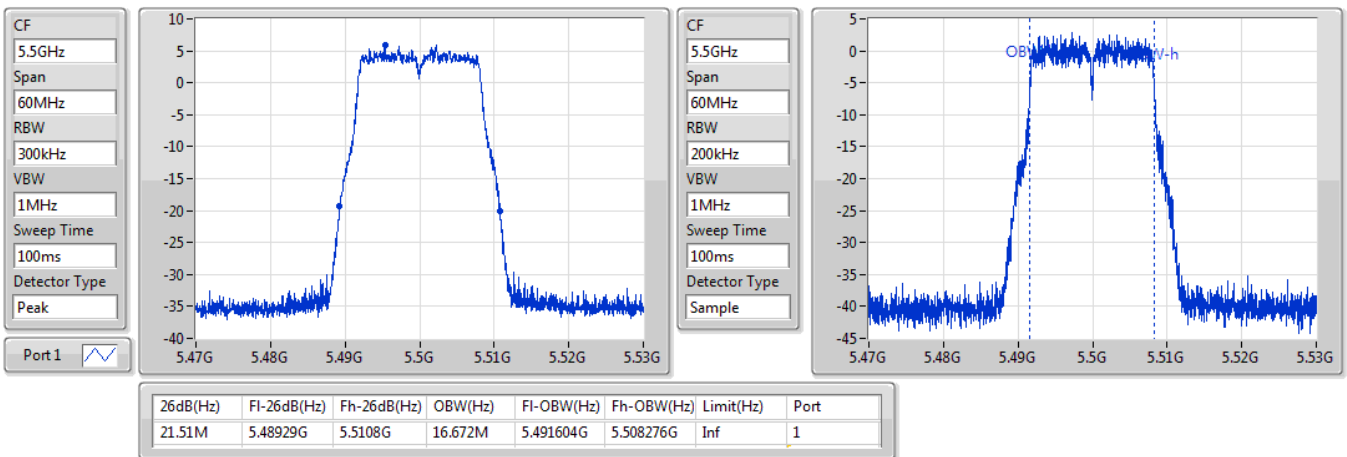


802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

02/11/2019

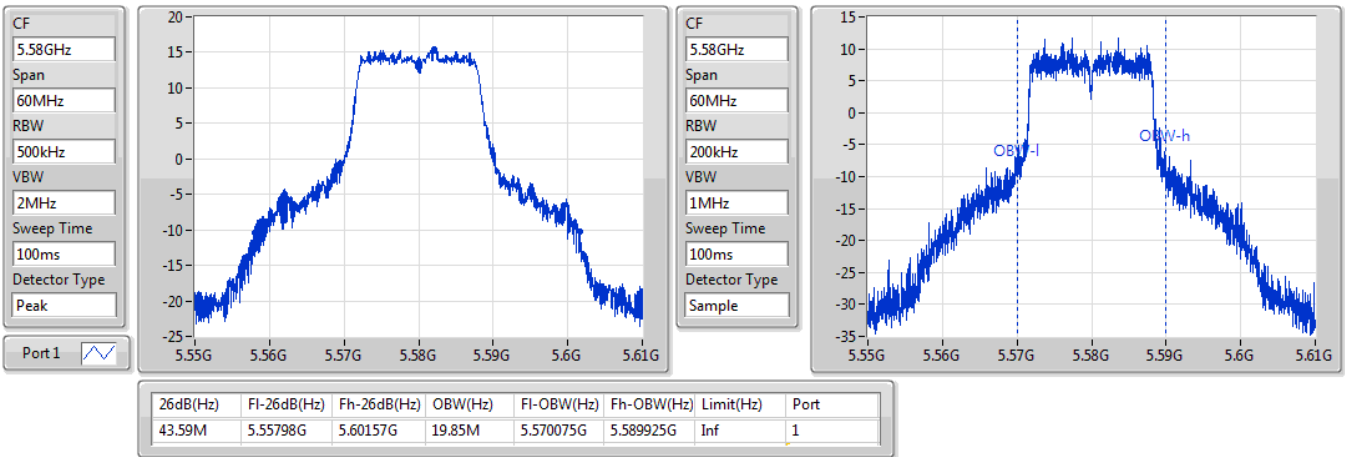

802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

02/11/2019

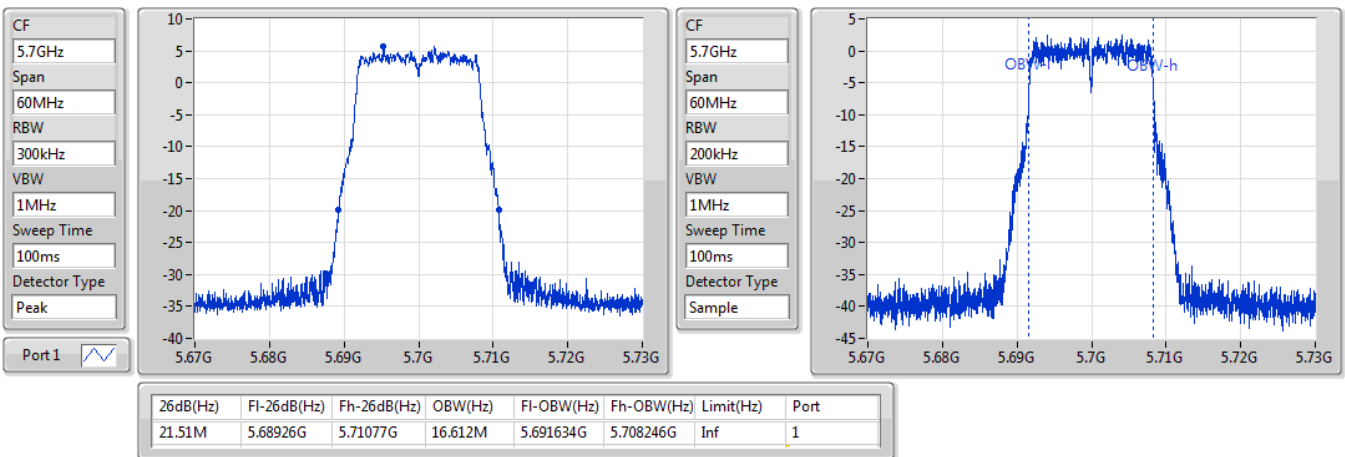


802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

02/11/2019

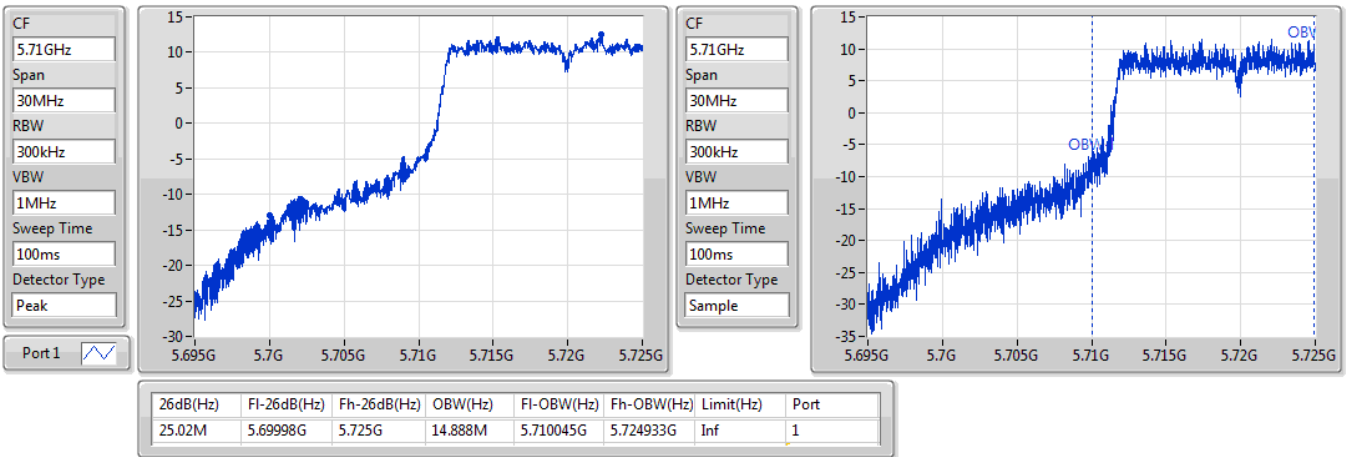

802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

02/11/2019

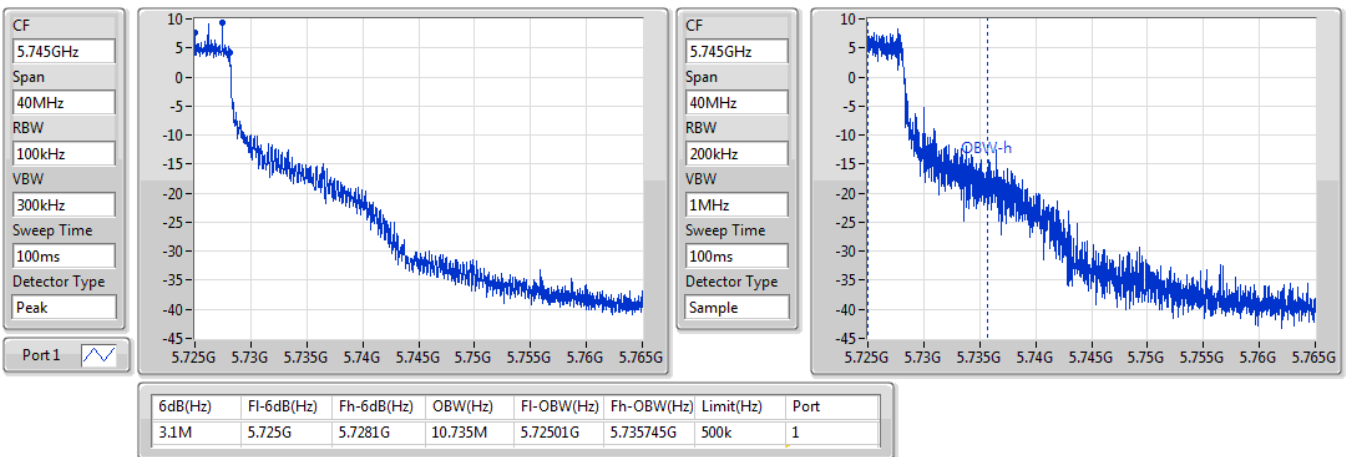


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

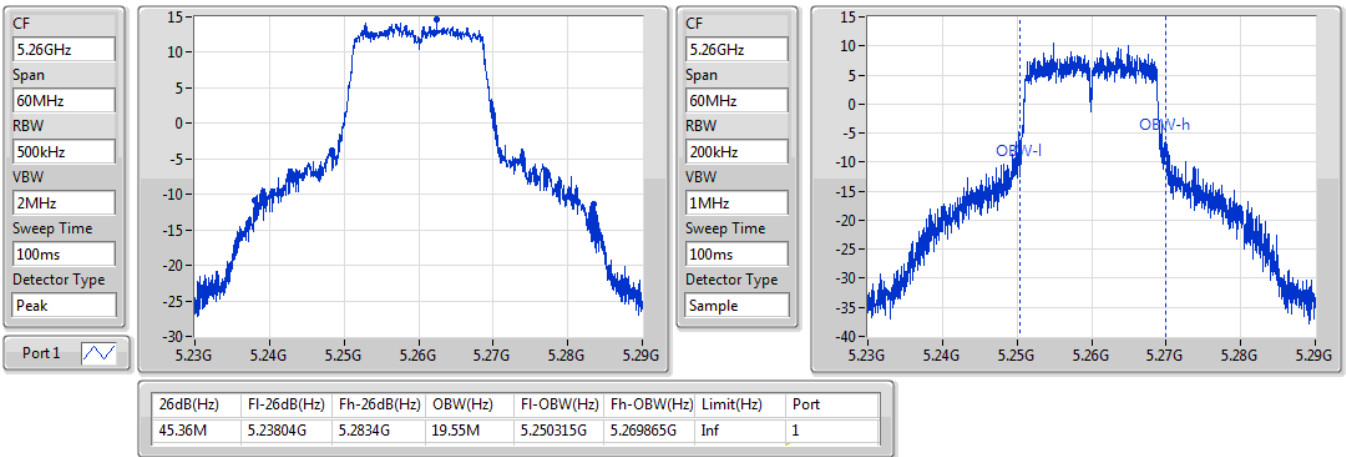

802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

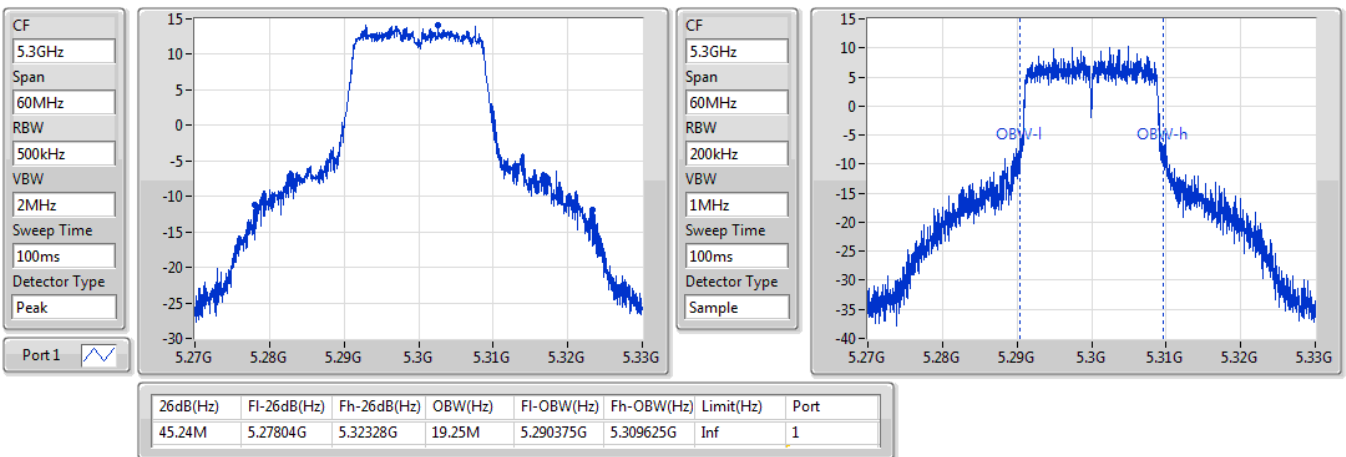


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

02/11/2019

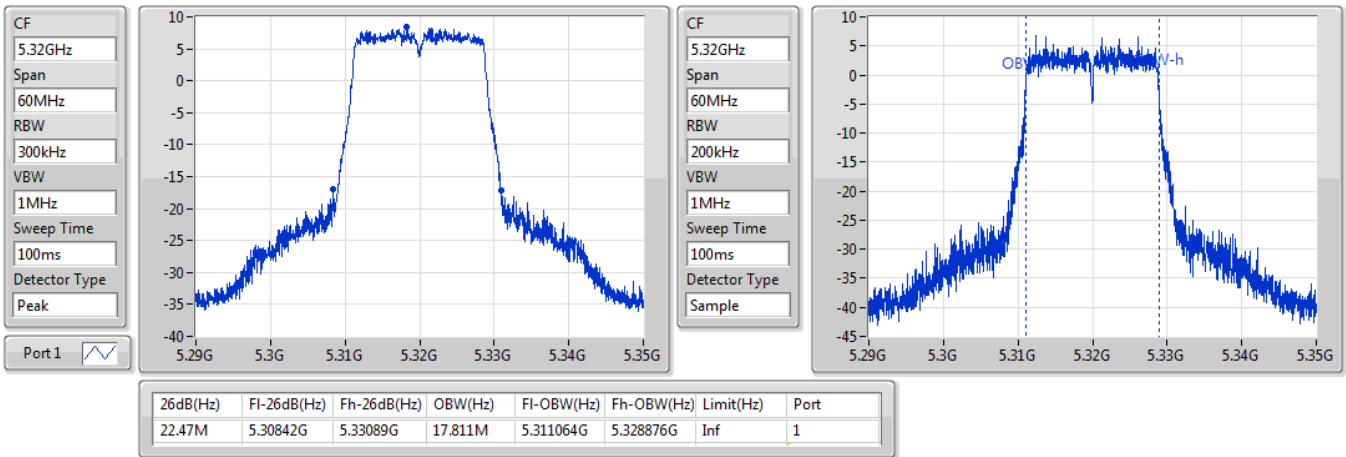

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

02/11/2019

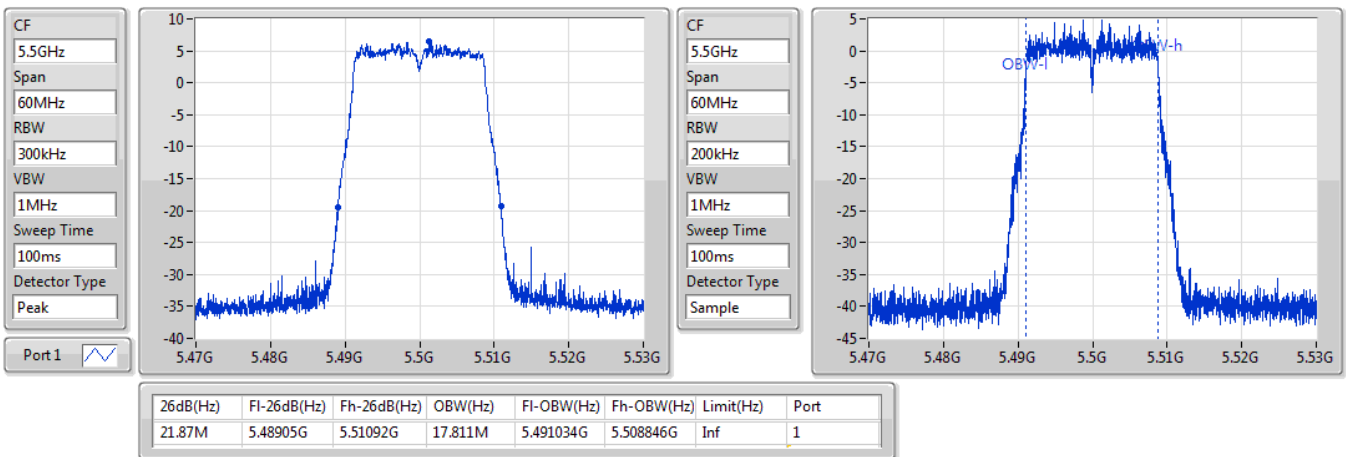


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

02/11/2019

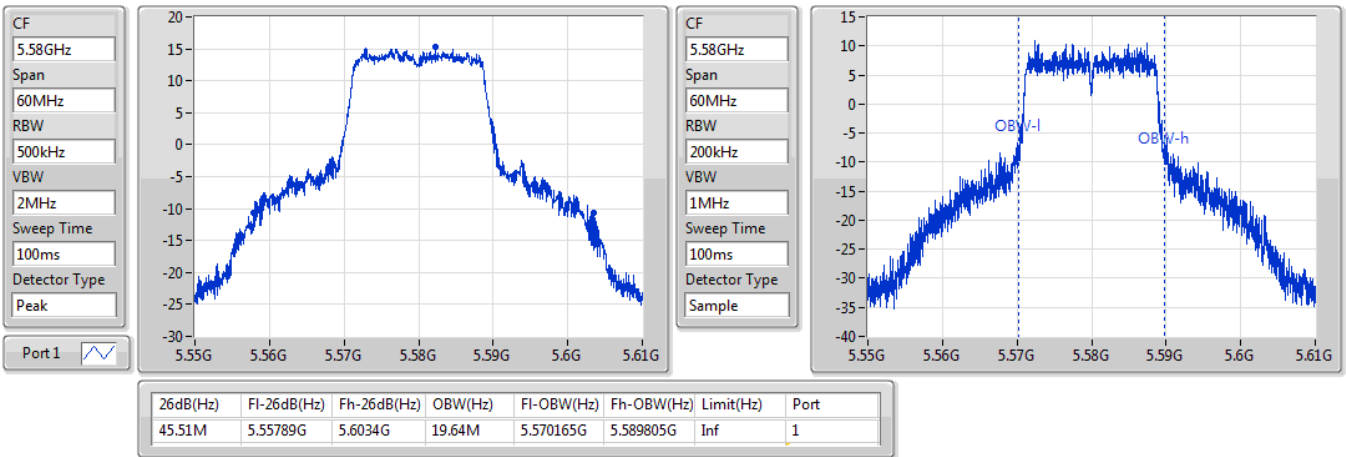

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

02/11/2019

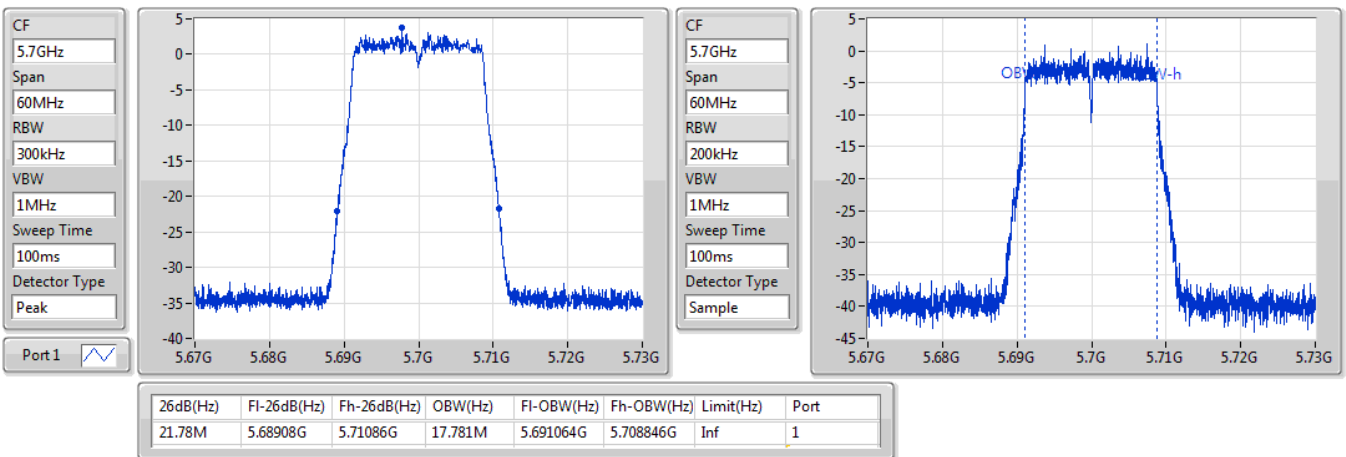


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

02/11/2019

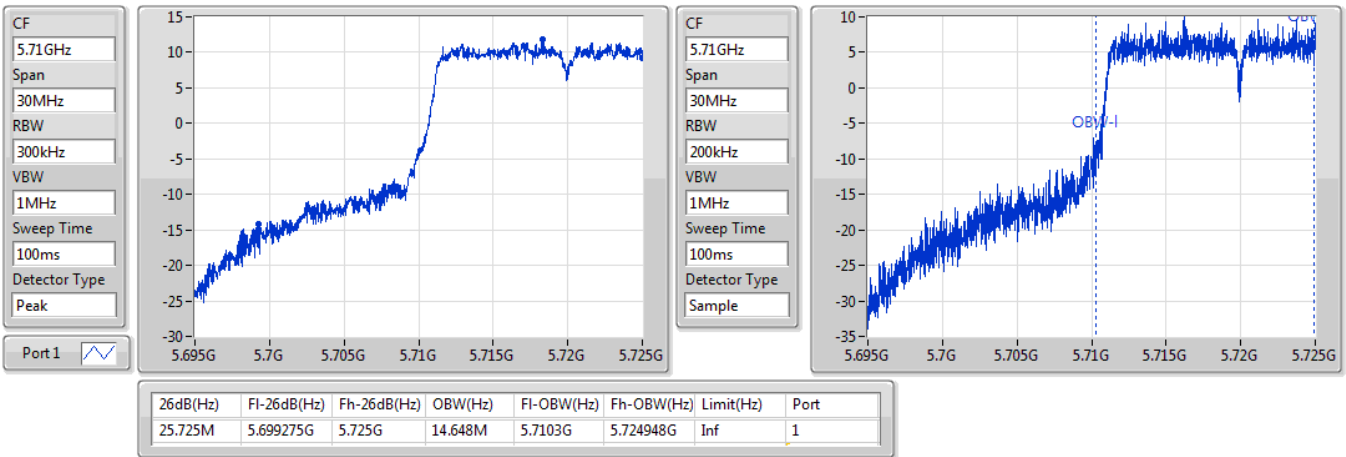

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5700MHz

02/11/2019

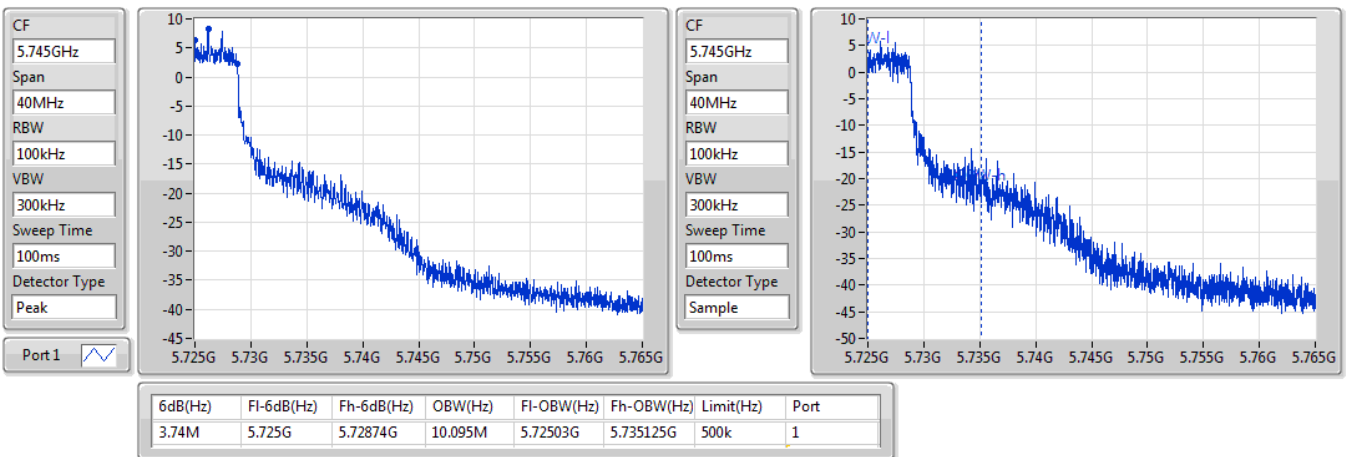


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

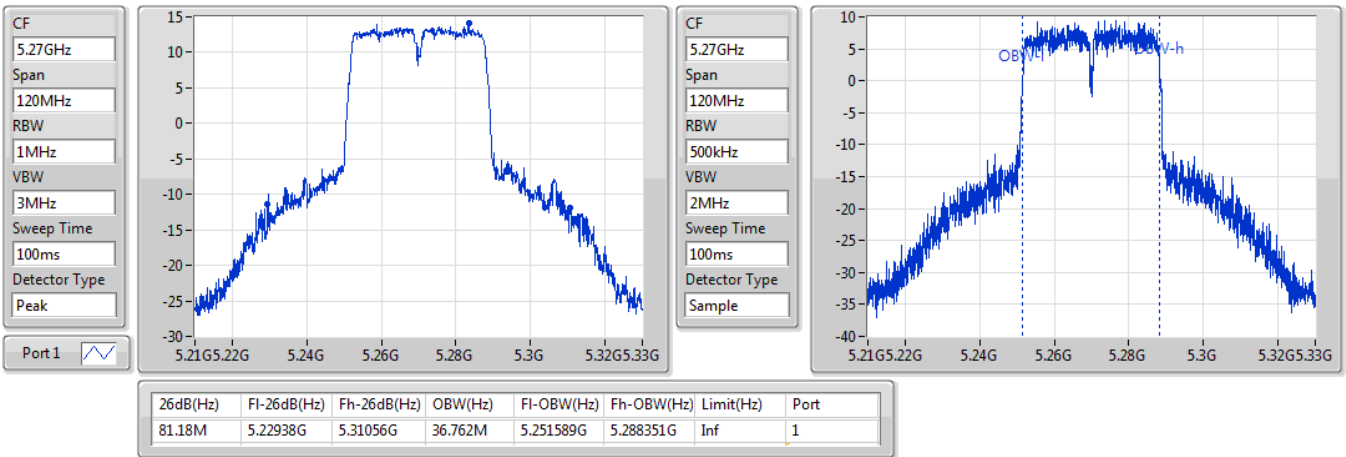

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

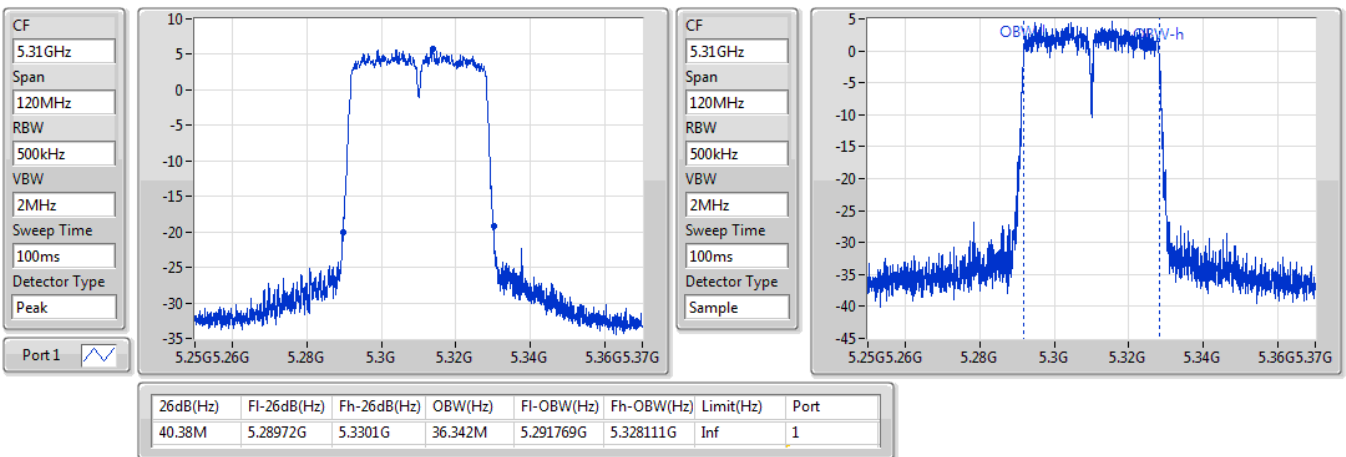


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

02/11/2019

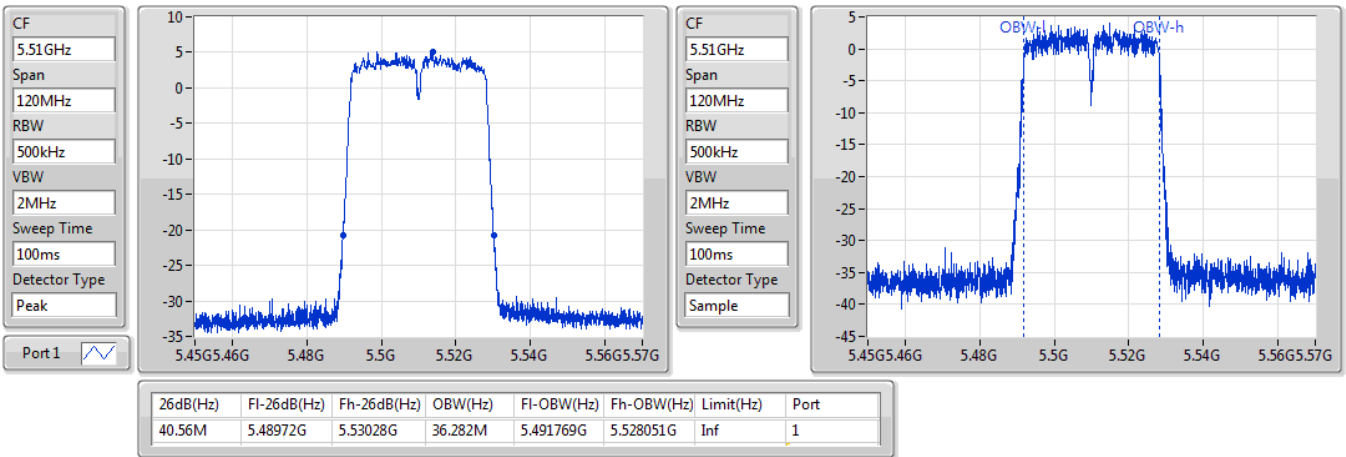

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

02/11/2019

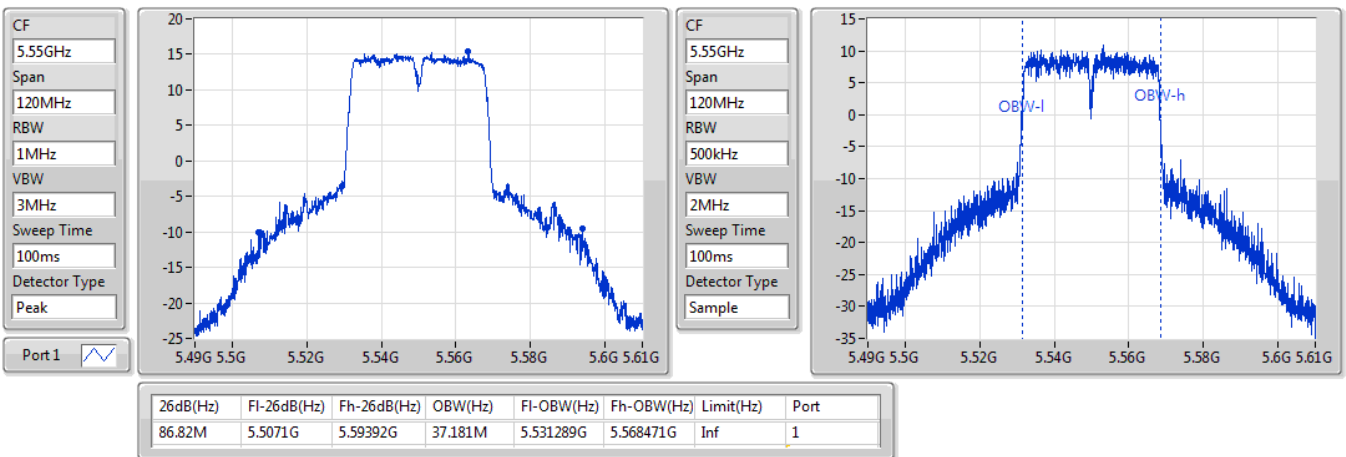


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

02/11/2019

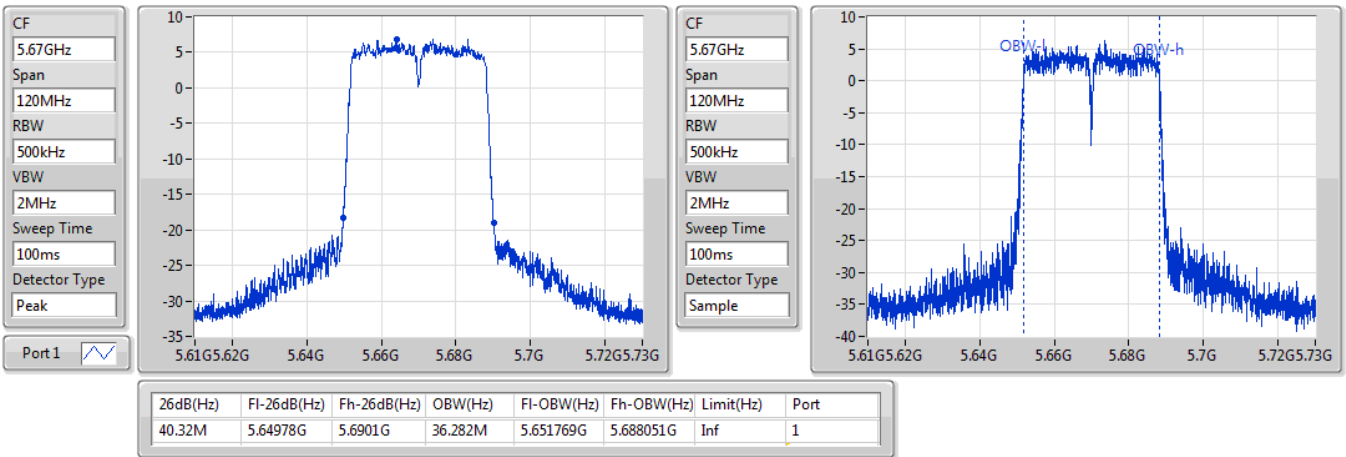

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

02/11/2019

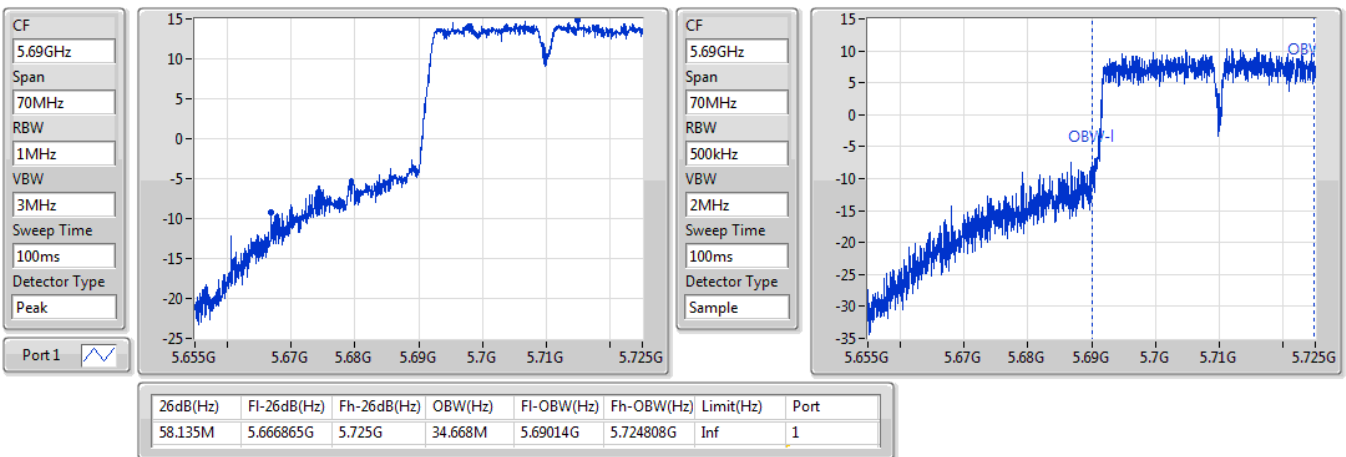


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

02/11/2019

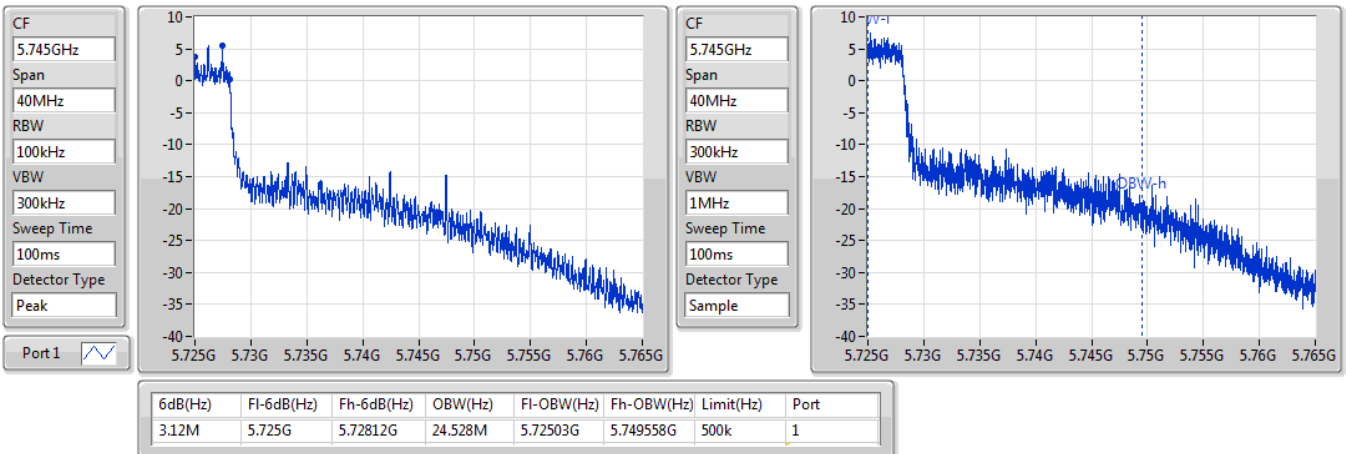

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

02/11/2019

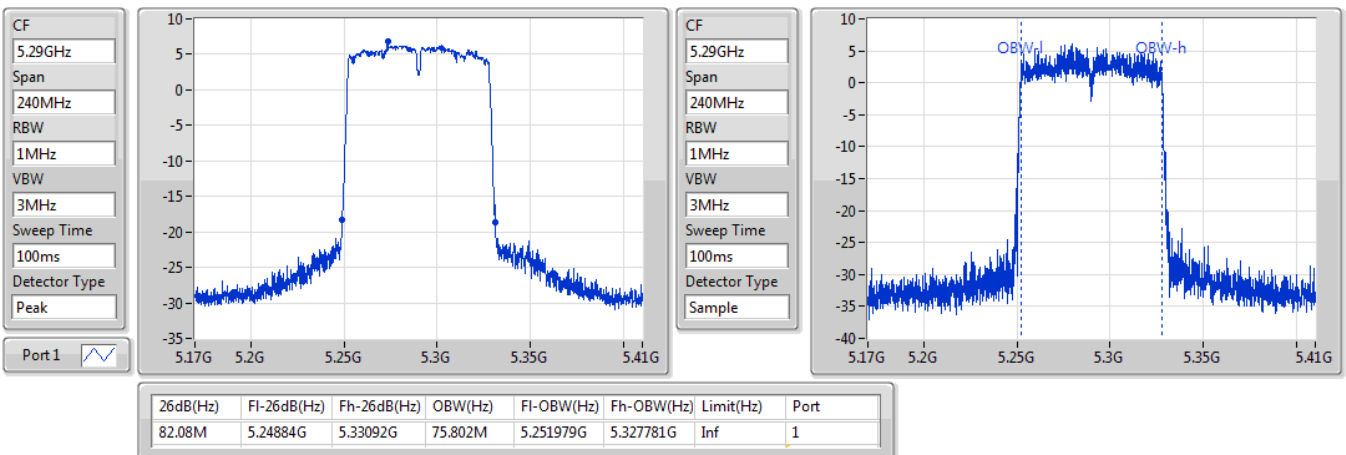


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

02/11/2019

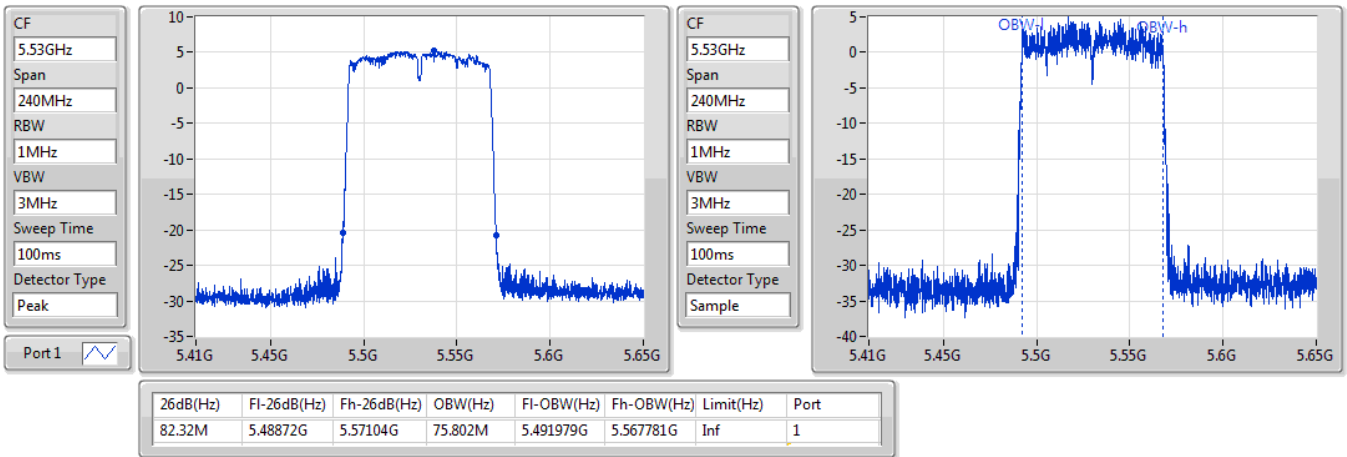

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

02/11/2019

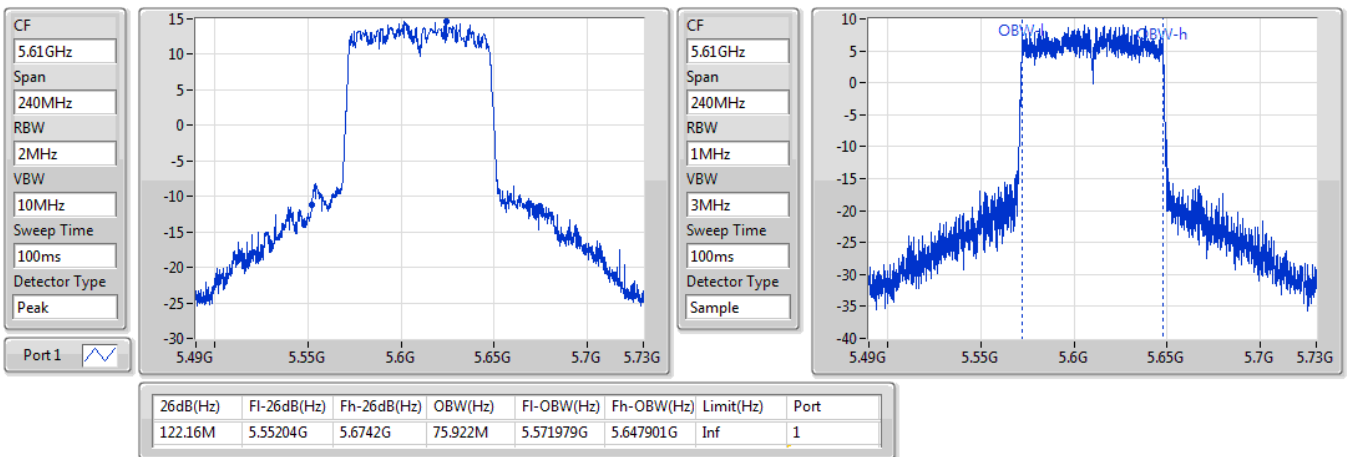


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

02/11/2019

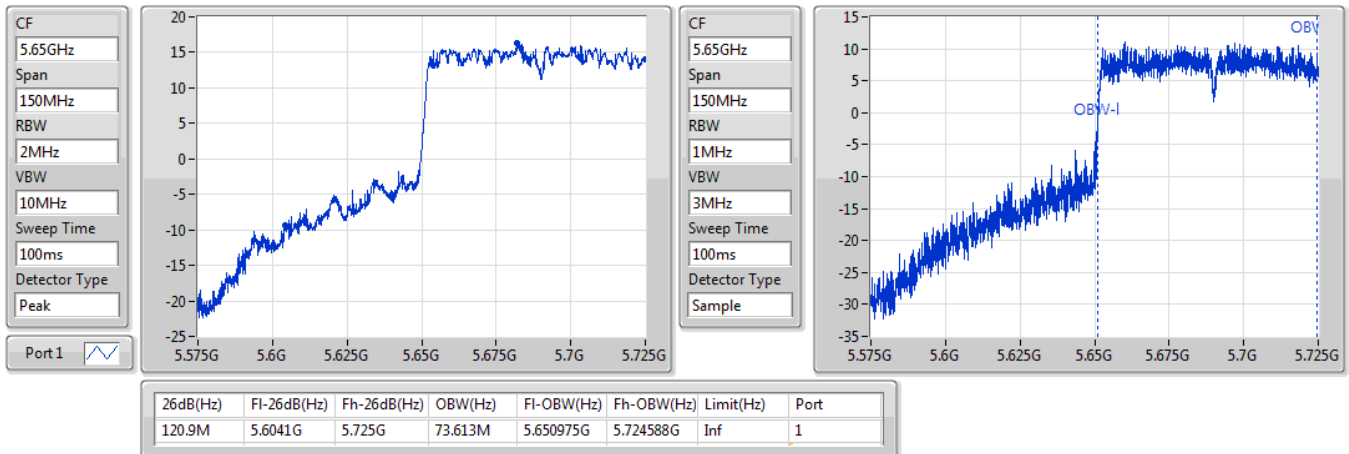

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

02/11/2019

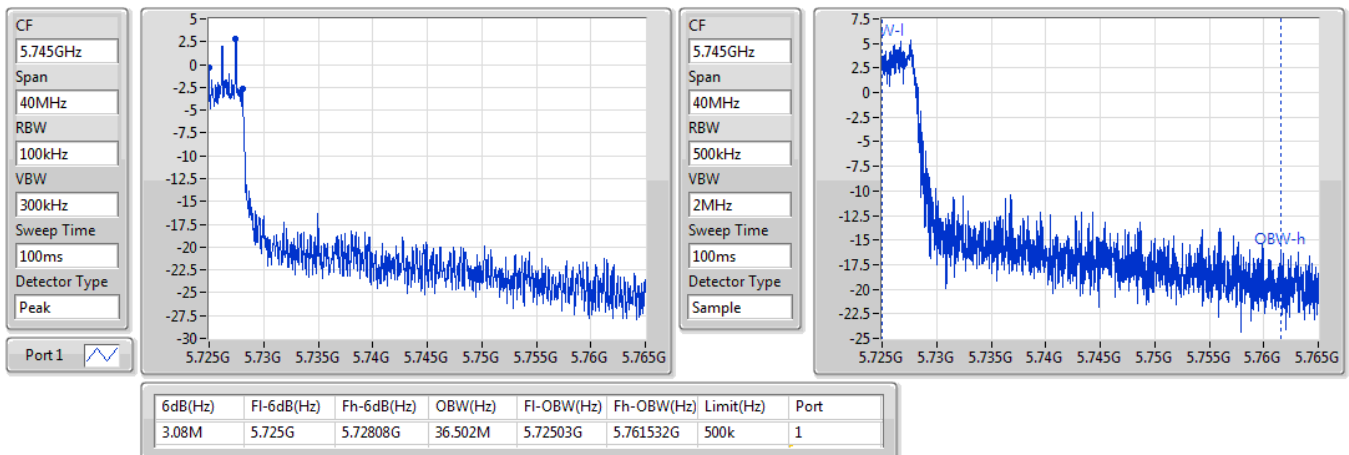


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/11/2019

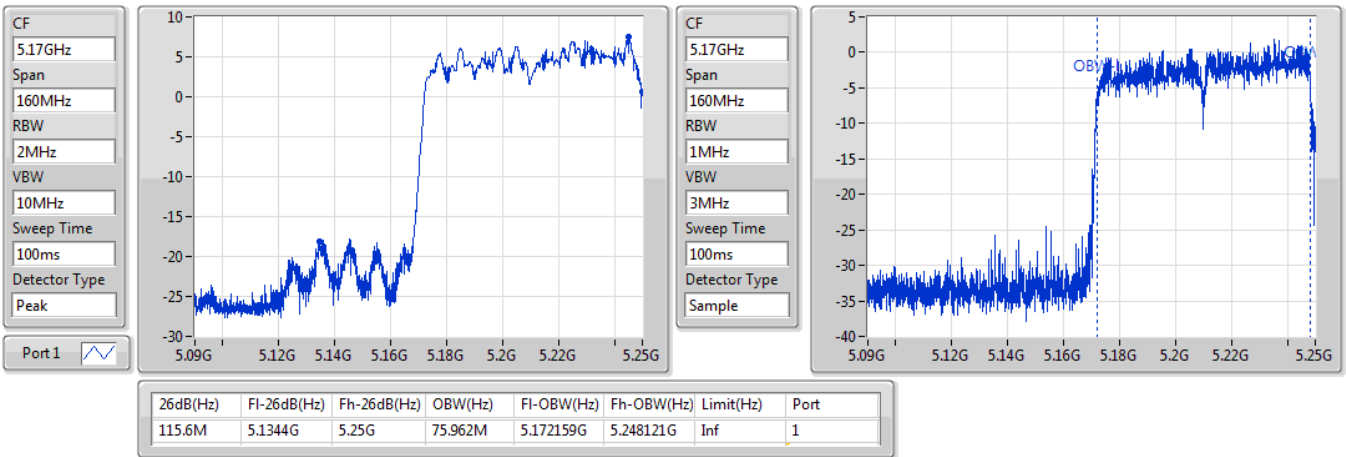

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/11/2019

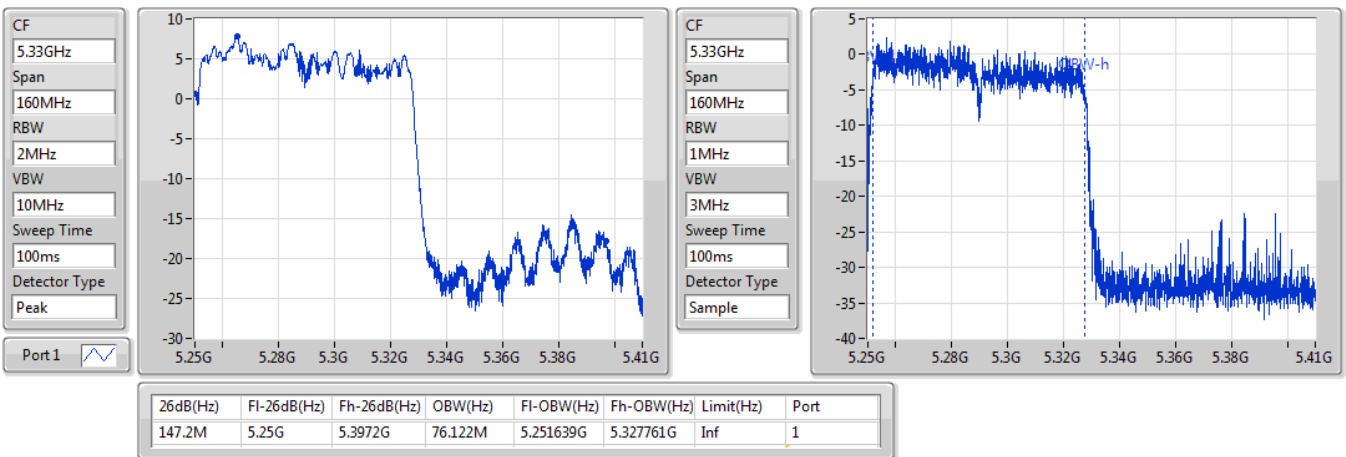


802.11ac VHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

02/11/2019

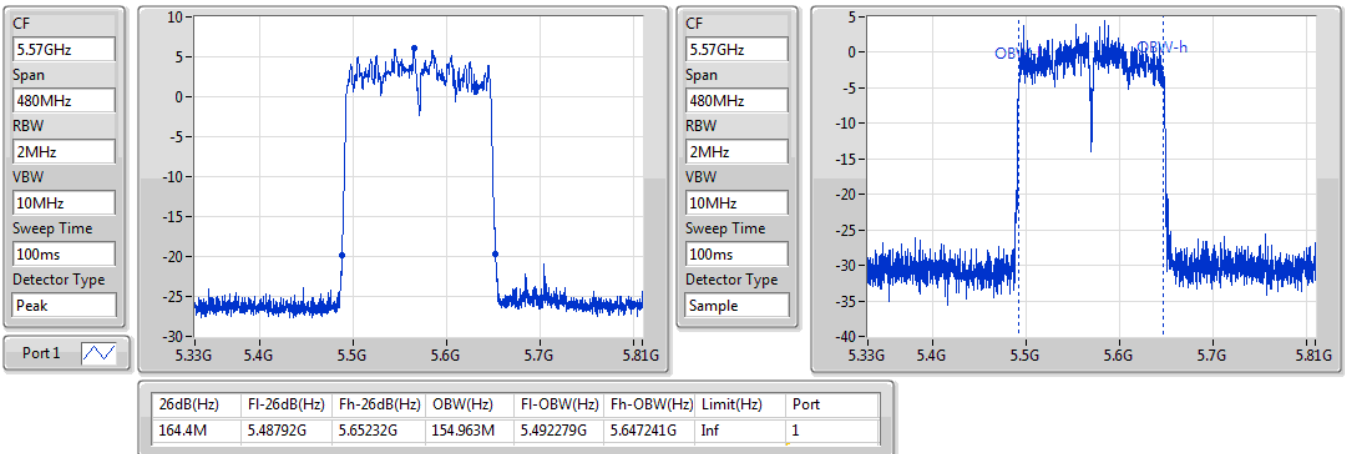

802.11ac VHT160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

02/11/2019

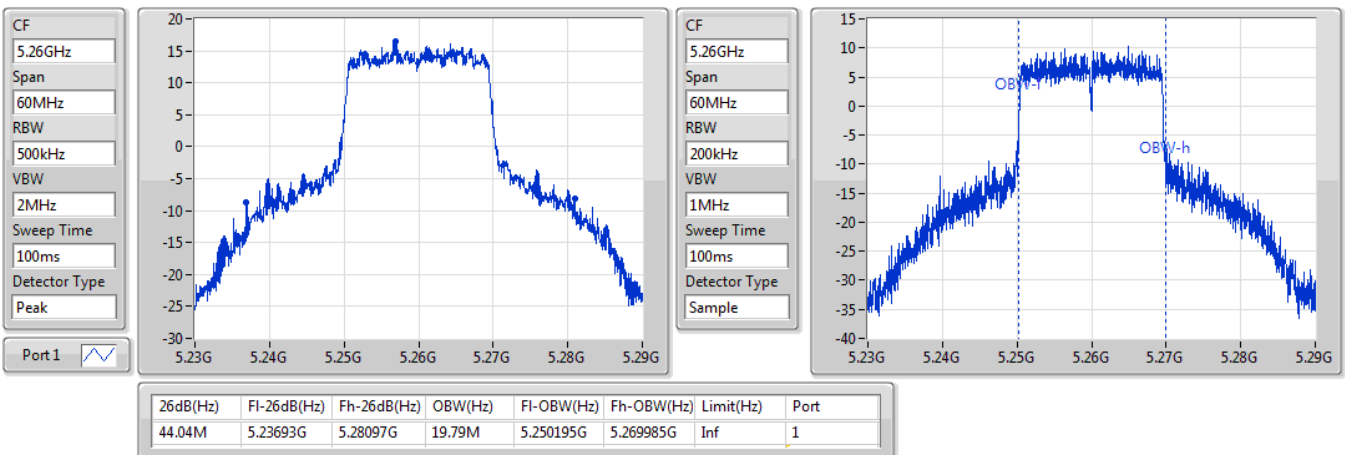


802.11ac VHT160_Nss1,(MCS0)_1TX
EBW
5570MHz

02/11/2019

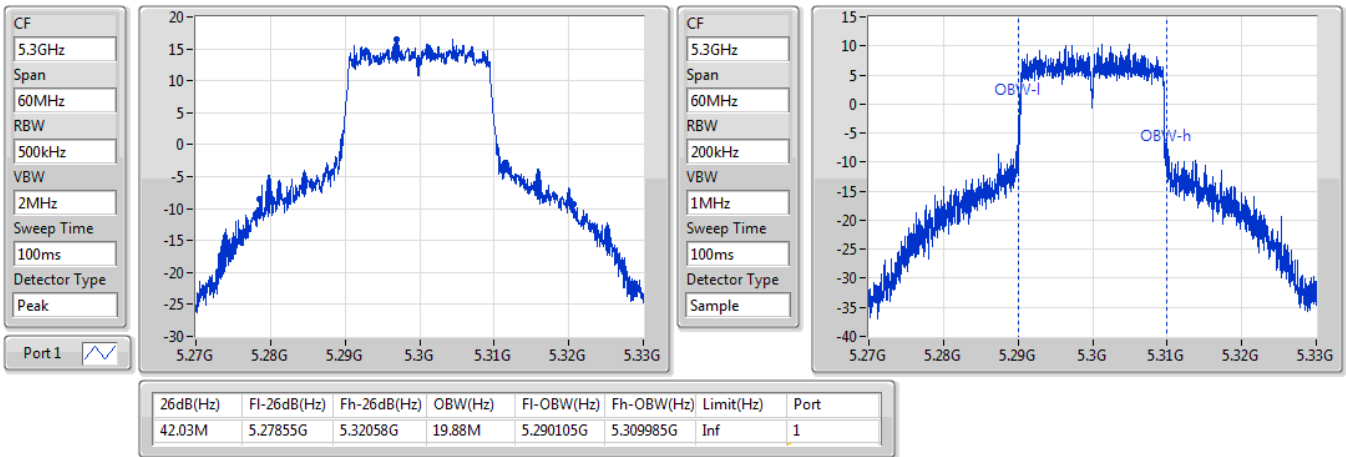

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5260MHz

02/11/2019

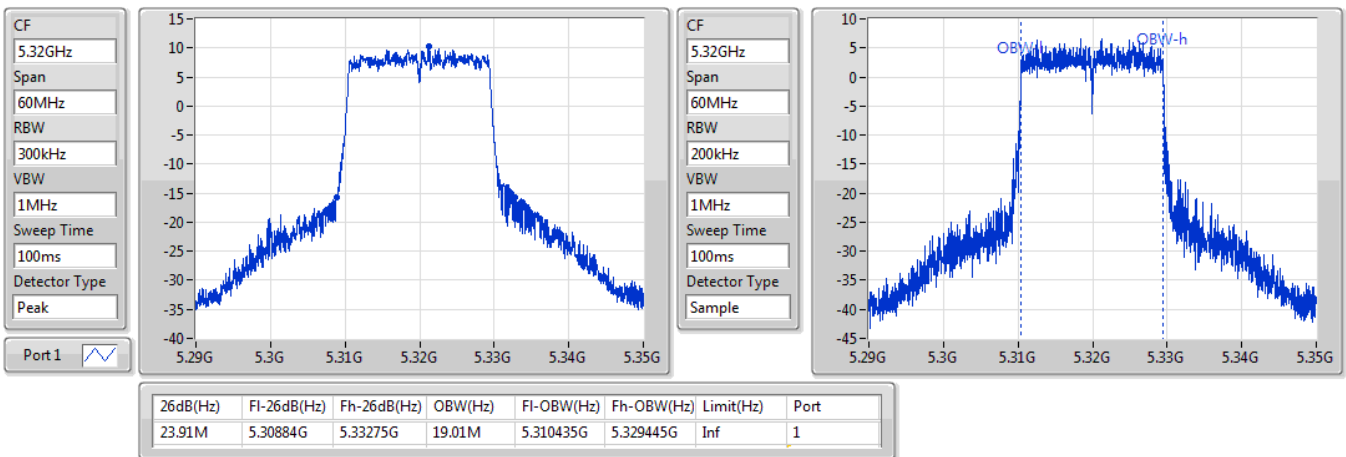


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5300MHz

02/11/2019

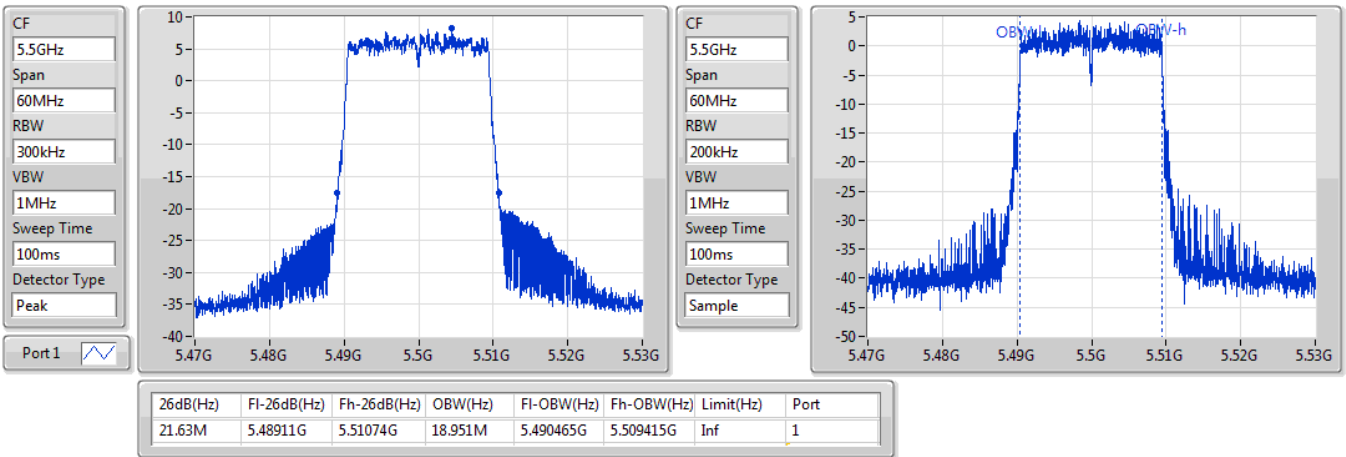

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5320MHz

02/11/2019

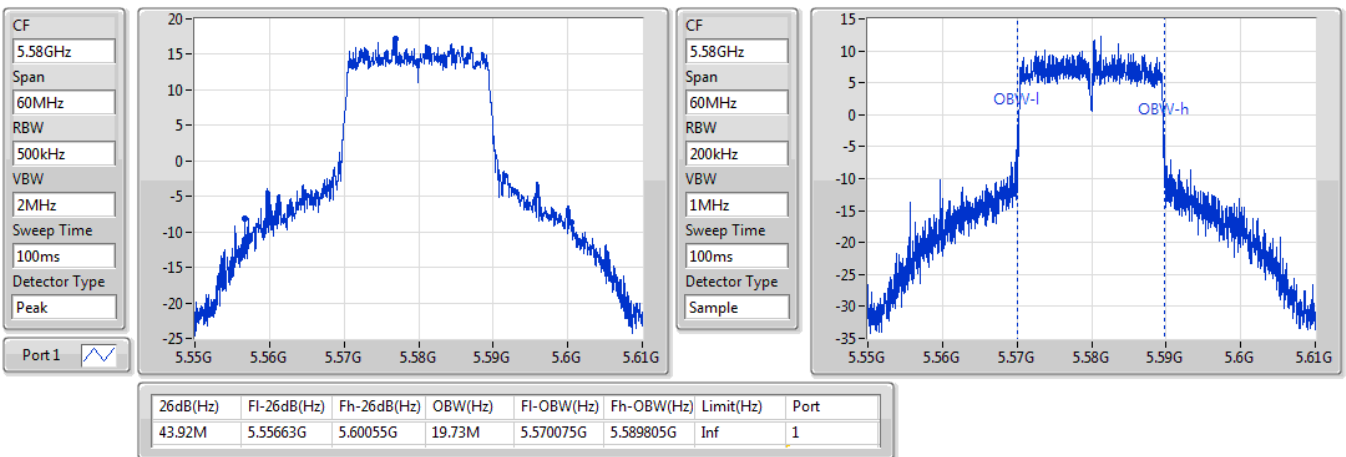


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5500MHz

02/11/2019

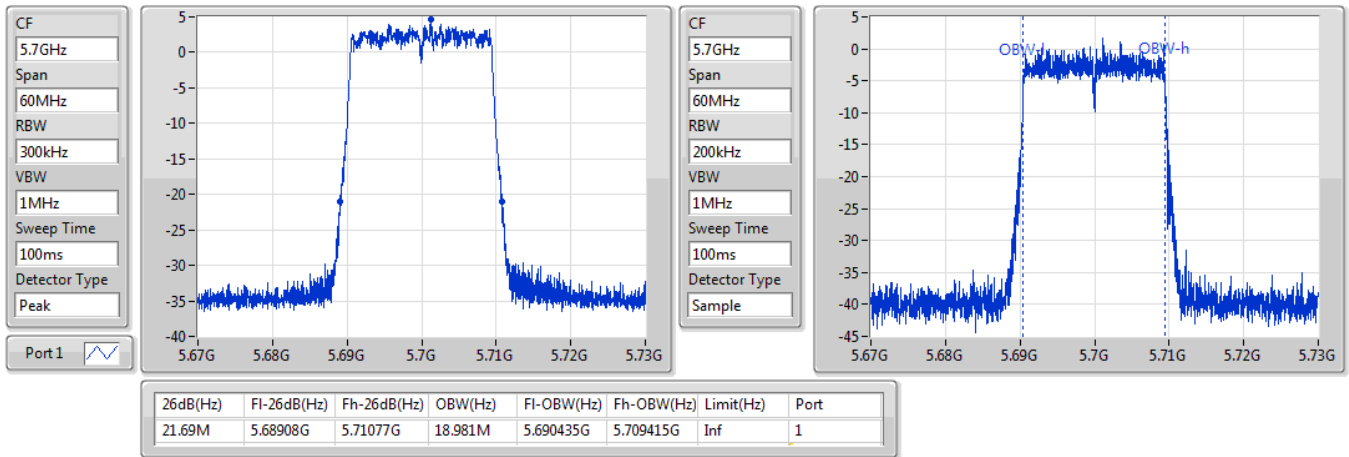

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5580MHz

02/11/2019

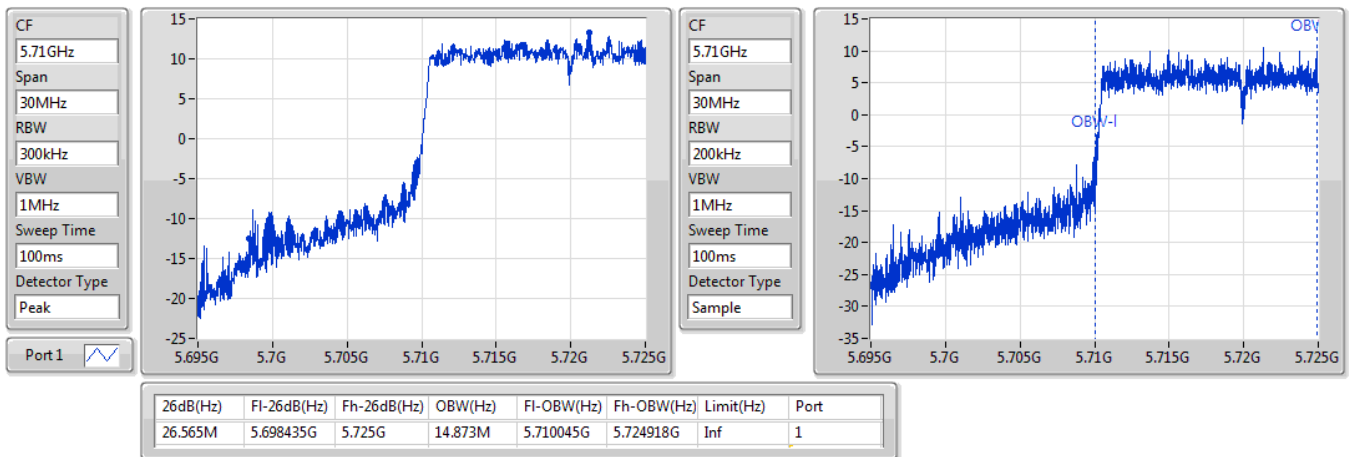


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5700MHz

02/11/2019

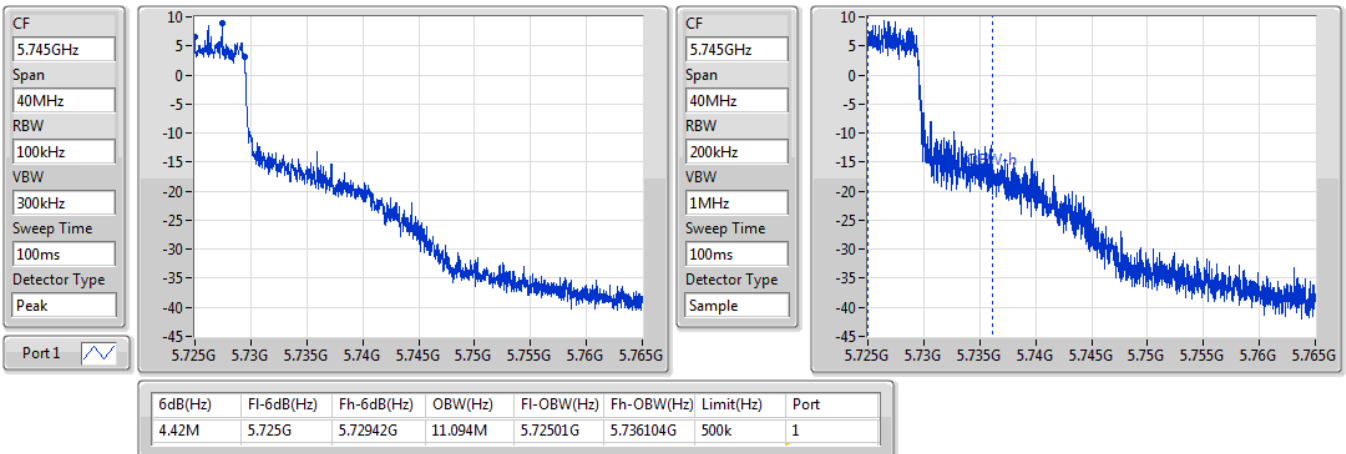

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

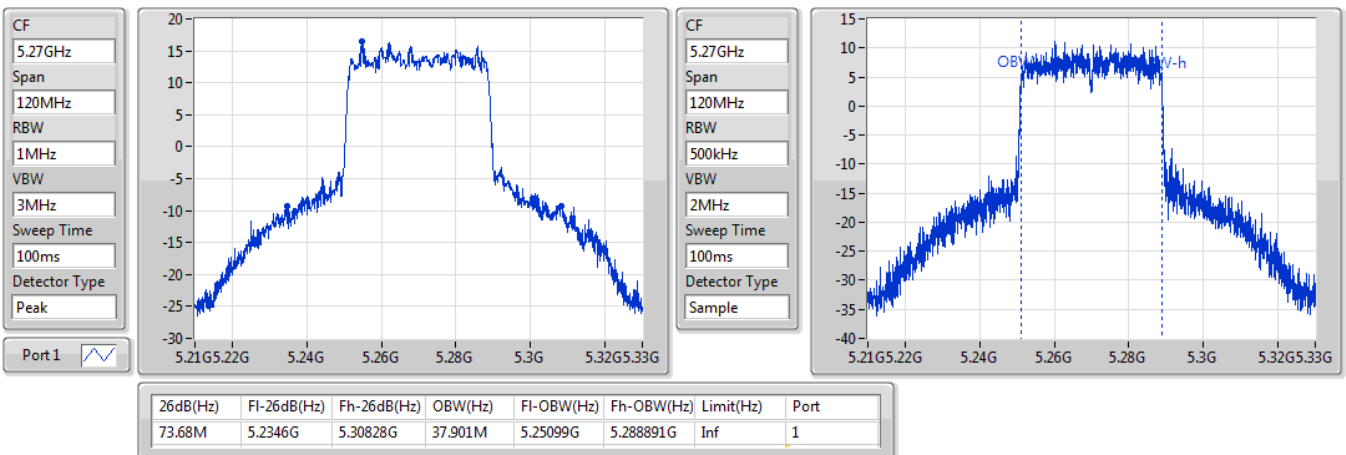


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

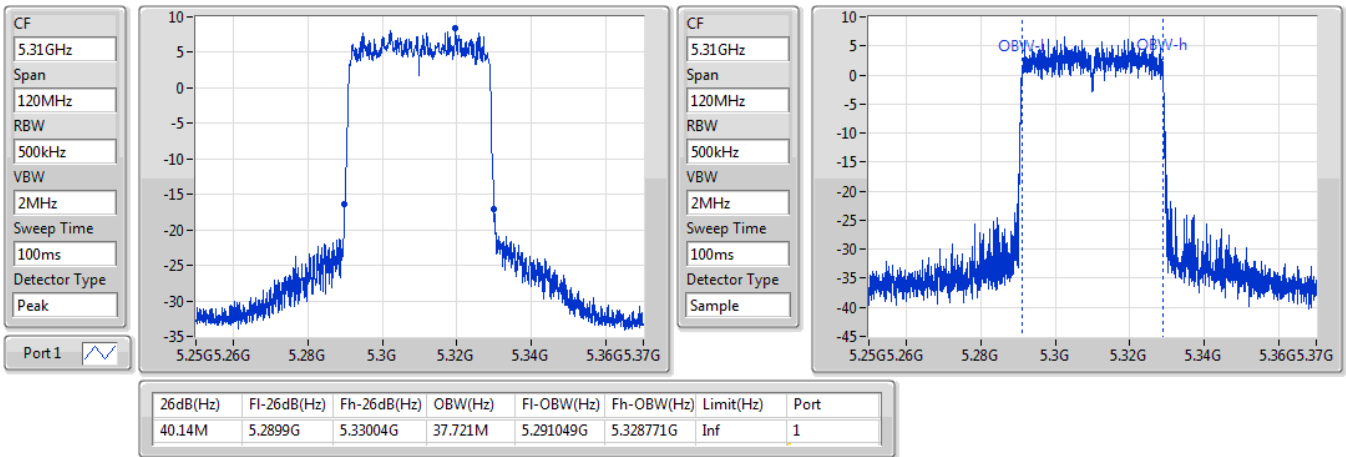

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5270MHz

02/11/2019

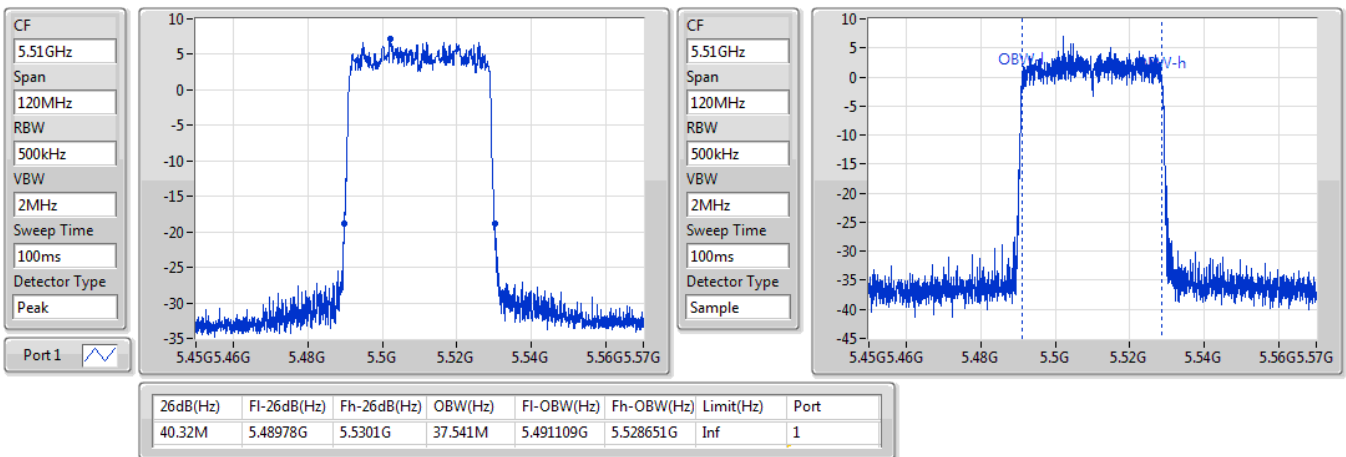


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5310MHz

02/11/2019

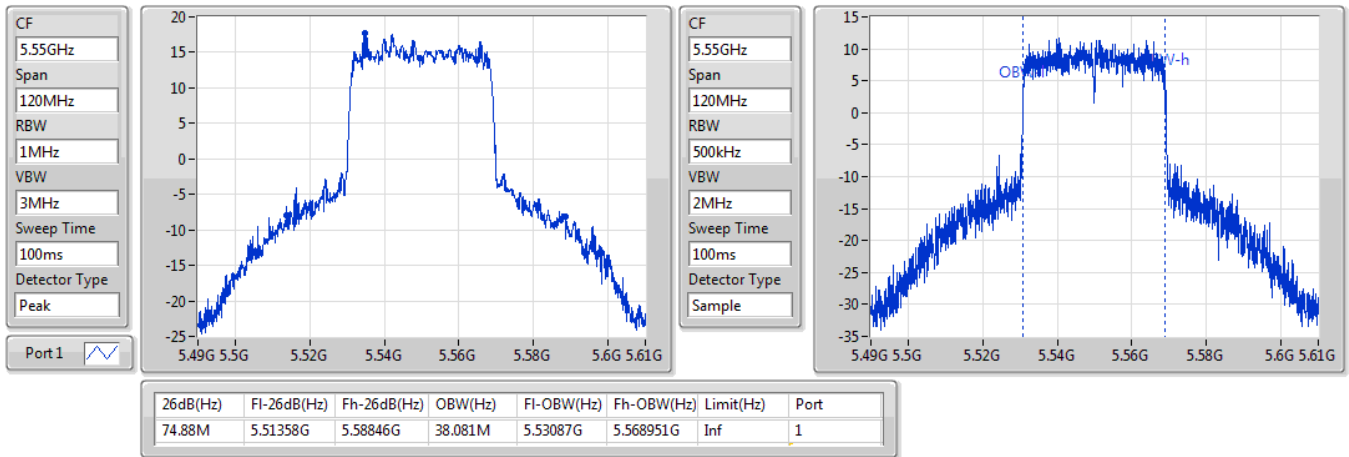

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5510MHz

02/11/2019

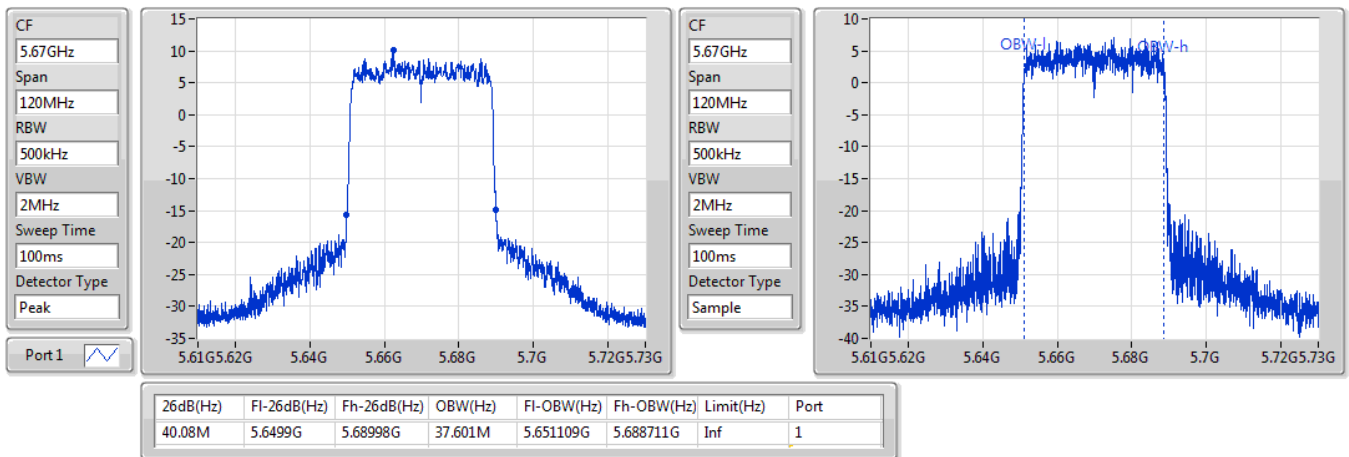


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5550MHz

02/11/2019

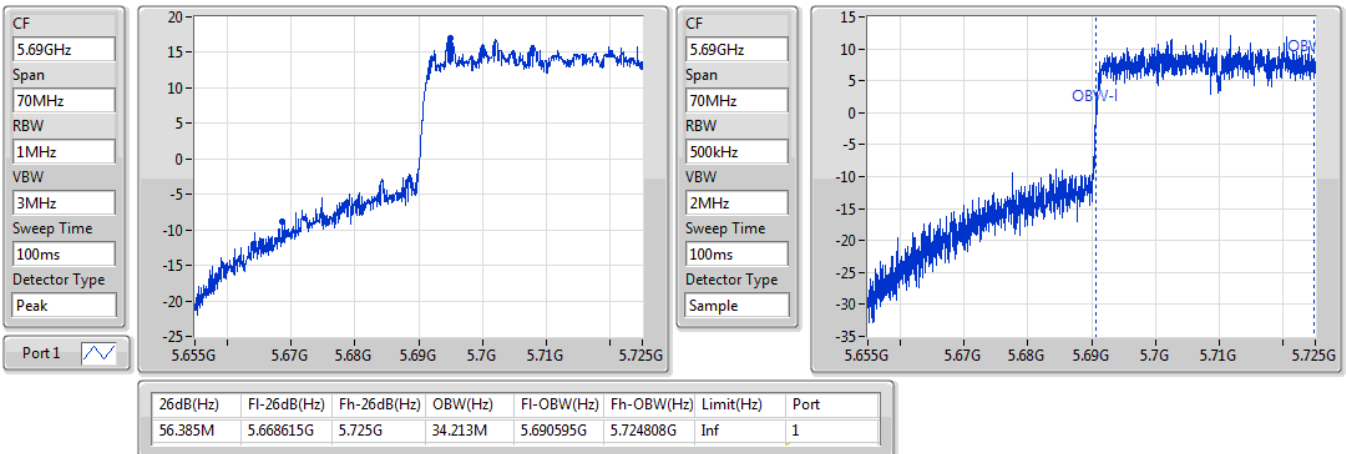

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5670MHz

02/11/2019

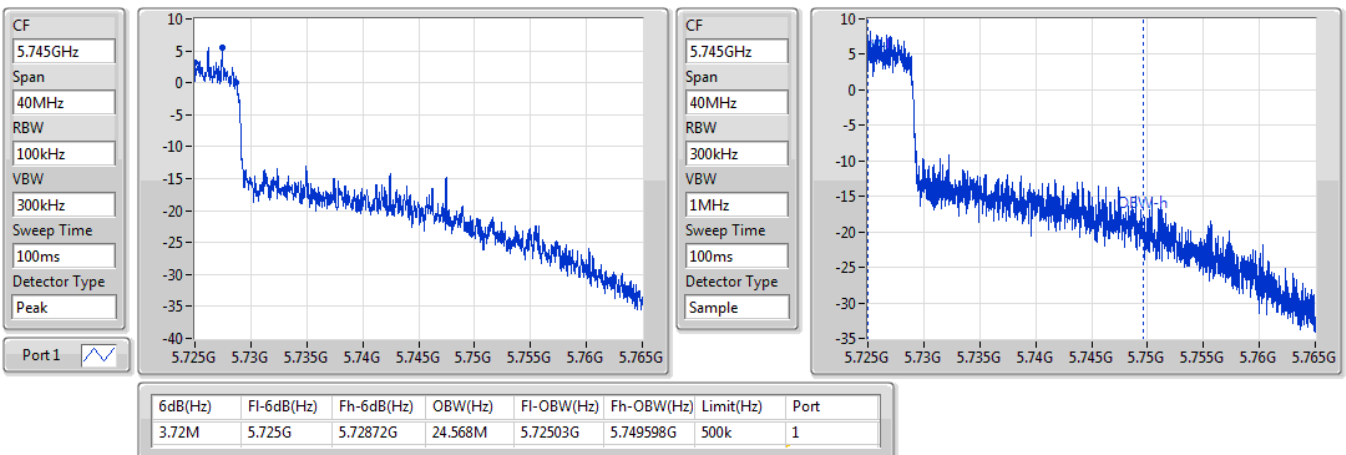


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

02/11/2019

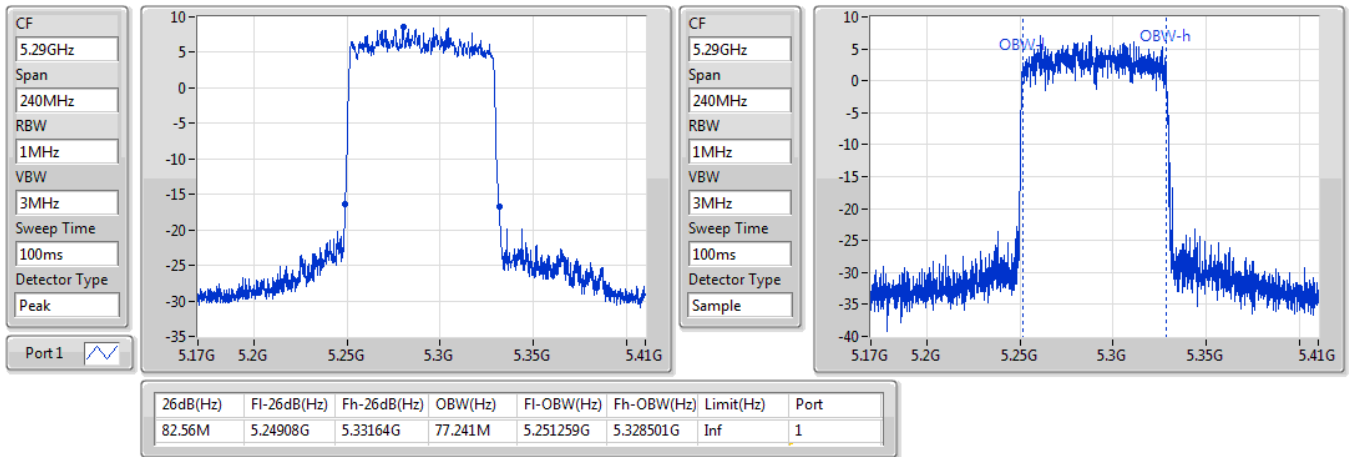

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

02/11/2019

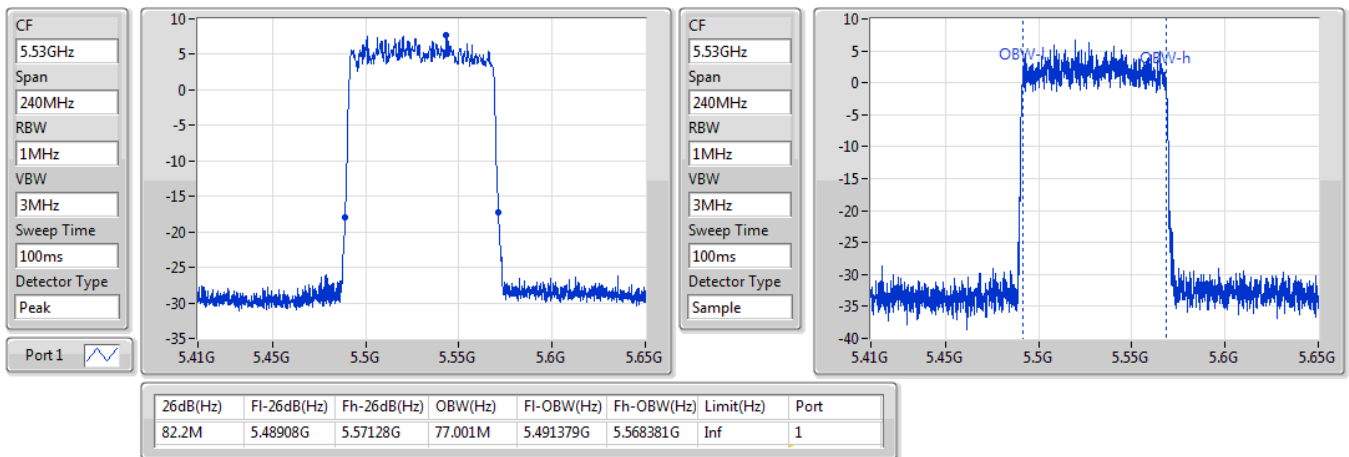


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5290MHz

02/11/2019

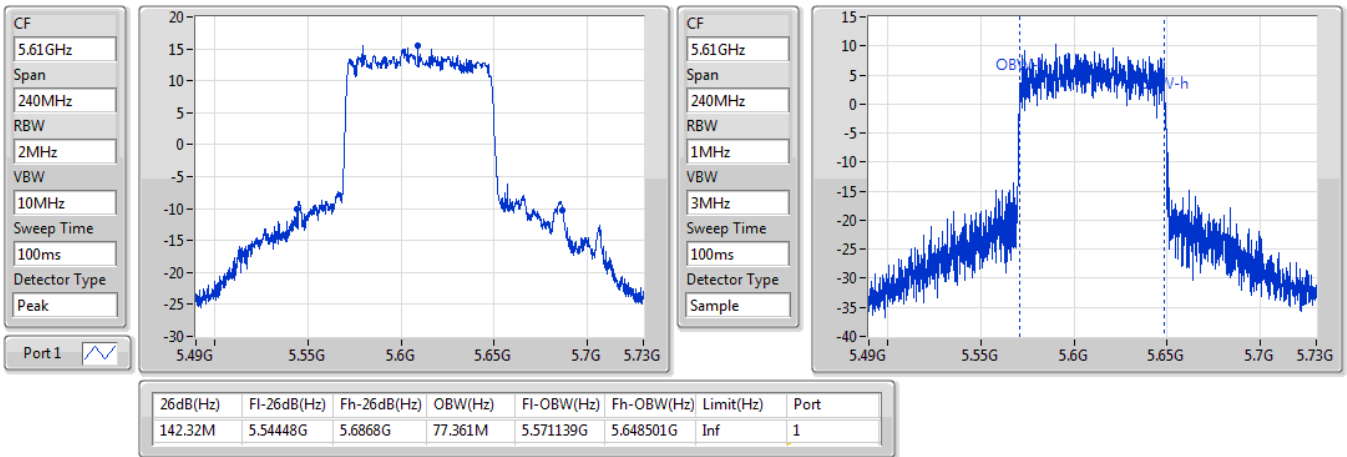

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5530MHz

02/11/2019

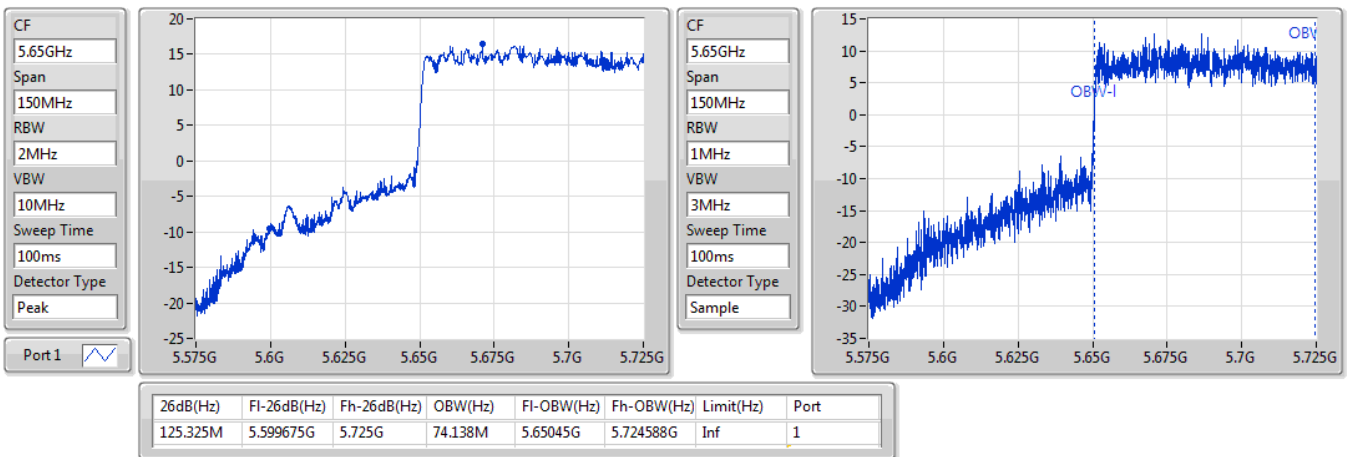


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5610MHz

02/11/2019

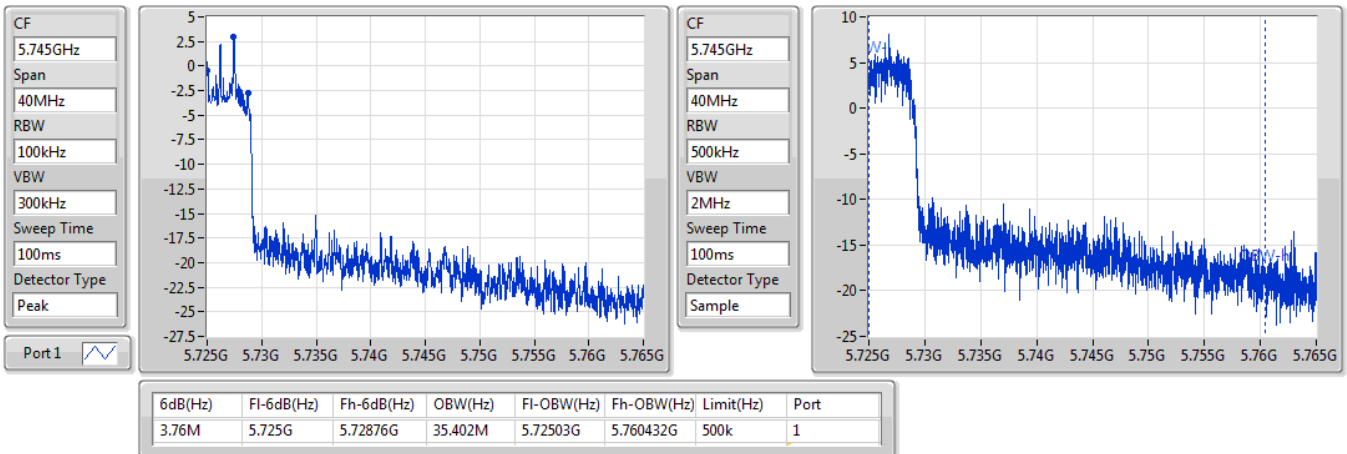

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/11/2019

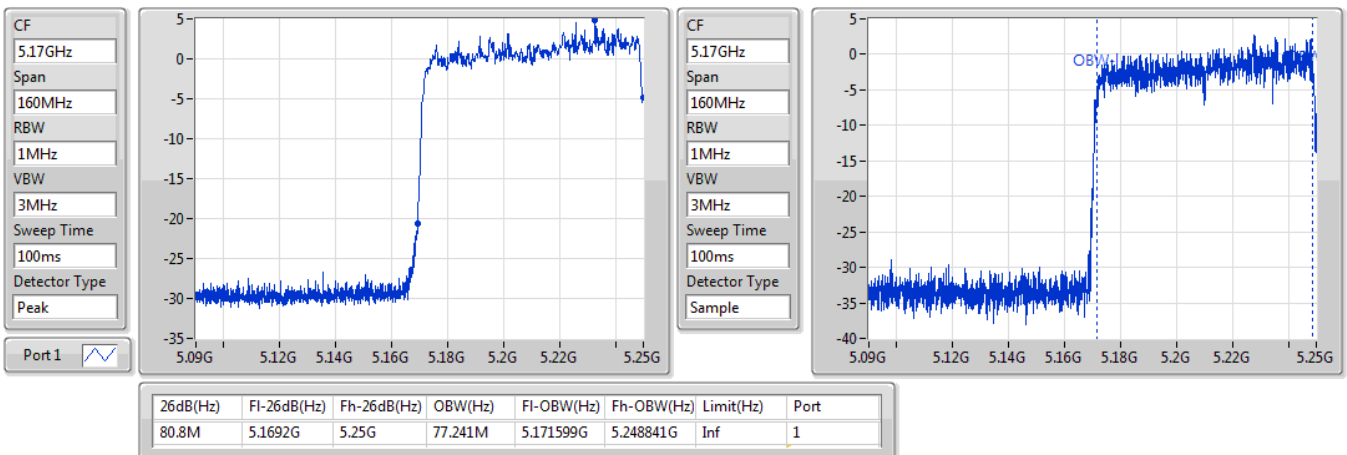


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/11/2019

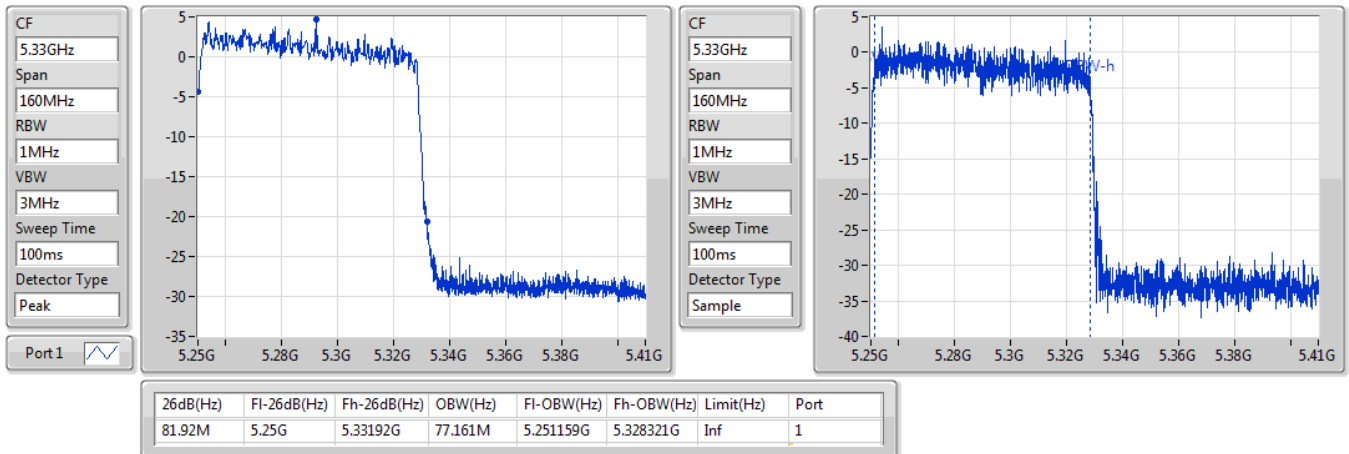

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

02/11/2019

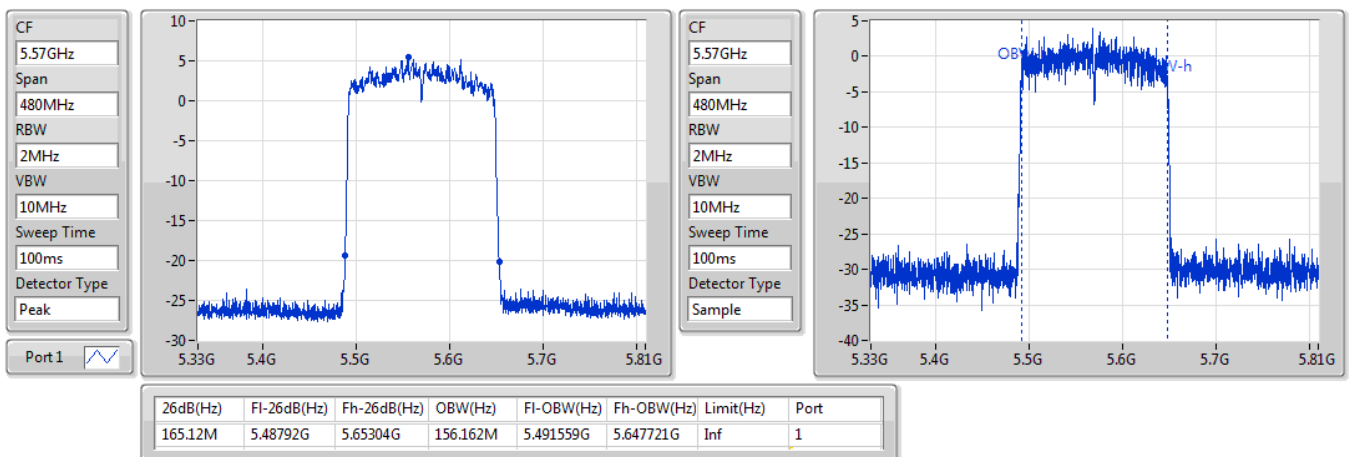


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

02/11/2019


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
5570MHz

02/11/2019



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	83.28M	75.962M	76M0D1D	81.6M	75.882M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.92M	77.321M	77M3D1D	81.92M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.78M	16.612M	16M6D1D	21.54M	16.582M
802.11ac VHT20_Nss2,(MCS0)_2TX	31.98M	17.901M	17M9D1D	21.93M	17.781M
802.11ac VHT40_Nss2,(MCS0)_2TX	76.44M	36.462M	36M5D1D	39.96M	36.282M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.72M	75.922M	75M9D1D	81.6M	75.802M
802.11ac VHT160_Nss2,(MCS0)_2TX	83.44M	76.042M	76M0D1D	82.88M	75.962M
802.11ax HEW20_Nss2,(MCS0)_2TX	33.39M	19.07M	19M1D1D	21.51M	18.951M
802.11ax HEW40_Nss2,(MCS0)_2TX	69.6M	37.841M	37M8D1D	39.96M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	82.32M	77.361M	77M4D1D	81.48M	77.001M
802.11ax HEW160_Nss2,(MCS0)_2TX	82.72M	77.321M	77M3D1D	82.24M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.84M	16.612M	16M6D1D	15.615M	13.328M
802.11ac VHT20_Nss2,(MCS0)_2TX	27.87M	17.871M	17M9D1D	16.905M	14.018M
802.11ac VHT40_Nss2,(MCS0)_2TX	72.06M	36.522M	36M5D1D	40.02M	33.093M
802.11ac VHT80_Nss2,(MCS0)_2TX	124.2M	76.042M	76M0D1D	81.6M	72.564M
802.11ac VHT160_Nss2,(MCS0)_2TX	166.8M	154.723M	155MD1D	165.6M	154.483M
802.11ax HEW20_Nss2,(MCS0)_2TX	23.4M	19.04M	19M0D1D	15.885M	14.573M
802.11ax HEW40_Nss2,(MCS0)_2TX	77.46M	37.841M	37M8D1D	39.96M	33.723M
802.11ax HEW80_Nss2,(MCS0)_2TX	96.72M	77.361M	77M4D1D	81.24M	73.238M
802.11ax HEW160_Nss2,(MCS0)_2TX	166.8M	155.922M	156MD1D	165.84M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.1M	4.098M	4M10D1D	3.1M	4.018M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.72M	4.798M	4M80D1D	3.72M	4.598M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.12M	17.071M	17M1D1D	3.1M	15.632M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.1M	28.986M	29M0D1D	3.08M	27.486M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.42M	5.197M	5M20D1D	4.42M	4.738M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.78M	15.972M	16M0D1D	3.74M	15.892M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.64M	27.126M	27M1D1D	3.3M	25.407M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.54M	16.612M	21.66M	16.612M
5300MHz	Pass	Inf	21.6M	16.612M	21.66M	16.582M
5320MHz	Pass	Inf	21.57M	16.612M	21.78M	16.612M
5500MHz	Pass	Inf	21.54M	16.582M	21.6M	16.582M
5580MHz	Pass	Inf	21.45M	16.582M	21.84M	16.612M
5700MHz	Pass	Inf	21.39M	16.582M	21.51M	16.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.615M	13.328M	15.705M	13.358M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	4.018M	3.1M	4.098M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	31.56M	17.901M	31.98M	17.871M
5300MHz	Pass	Inf	31.47M	17.871M	30.3M	17.901M
5320MHz	Pass	Inf	21.99M	17.841M	21.93M	17.781M
5500MHz	Pass	Inf	21.96M	17.781M	21.69M	17.781M
5580MHz	Pass	Inf	27.87M	17.871M	25.83M	17.841M
5700MHz	Pass	Inf	21.96M	17.811M	21.54M	17.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.905M	14.018M	23.325M	14.018M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.598M	3.72M	4.798M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	76.44M	36.462M	62.58M	36.402M
5310MHz	Pass	Inf	40.08M	36.342M	39.96M	36.282M
5510MHz	Pass	Inf	40.08M	36.222M	40.08M	36.402M
5550MHz	Pass	Inf	55.92M	36.282M	72.06M	36.522M
5670MHz	Pass	Inf	40.14M	36.282M	40.02M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	43.225M	33.093M	43.05M	33.128M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	15.632M	3.12M	17.071M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	75.922M	81.6M	75.802M
5530MHz	Pass	Inf	81.84M	75.922M	81.6M	75.922M
5610MHz	Pass	Inf	124.2M	76.042M	114.96M	75.922M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	99.6M	72.639M	99.825M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	27.486M	3.1M	28.986M
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.28M	75.962M	81.6M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.44M	75.962M	82.88M	76.042M
5570MHz	Pass	Inf	166.8M	154.723M	165.6M	154.483M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	28.47M	19.07M	33.39M	19.01M
5300MHz	Pass	Inf	26.64M	19.04M	27.21M	19.07M
5320MHz	Pass	Inf	21.81M	19.04M	21.51M	18.951M
5500MHz	Pass	Inf	21.87M	18.981M	21.51M	19.01M
5580MHz	Pass	Inf	23.4M	19.04M	21.93M	19.04M
5700MHz	Pass	Inf	21.84M	19.01M	21.6M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	14.573M	16.425M	14.573M



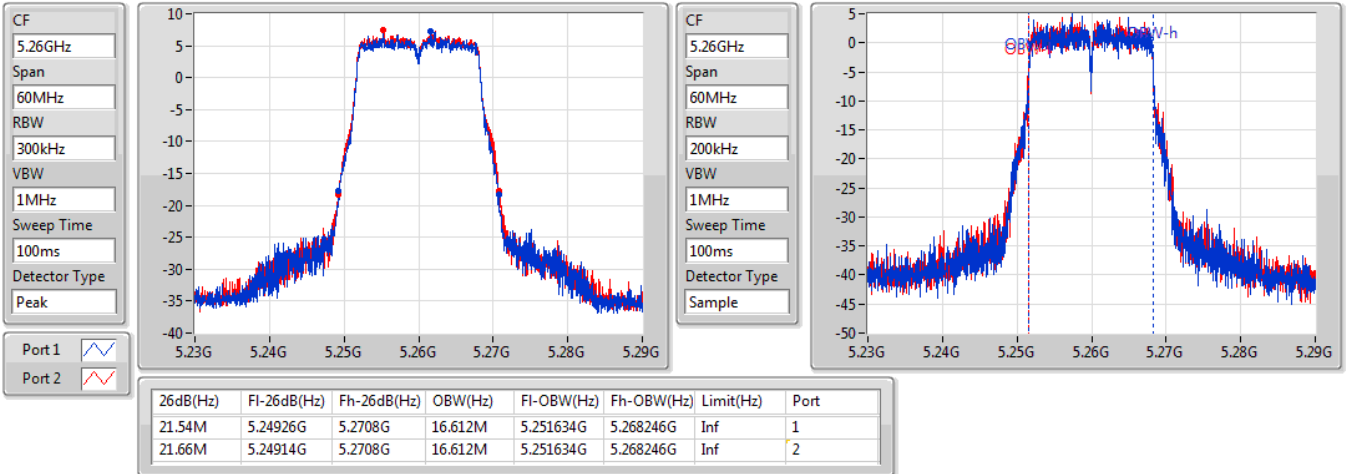
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.738M	4.42M	5.197M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	69.36M	37.841M	69.6M	37.721M
5310MHz	Pass	Inf	40.08M	37.721M	39.96M	37.541M
5510MHz	Pass	Inf	40.08M	37.661M	39.96M	37.541M
5550MHz	Pass	Inf	54.36M	37.601M	77.46M	37.841M
5670MHz	Pass	Inf	40.02M	37.661M	40.08M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	50.715M	33.828M	51.135M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	15.972M	3.74M	15.892M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.48M	77.001M	82.32M	77.361M
5530MHz	Pass	Inf	81.24M	77.121M	82.2M	77.001M
5610MHz	Pass	Inf	81.96M	77.001M	96.72M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	84.75M	73.238M	89.175M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.3M	25.407M	3.64M	27.126M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.92M	77.241M	81.92M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.72M	77.161M	82.24M	77.321M
5570MHz	Pass	Inf	166.8M	155.922M	165.84M	155.922M

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

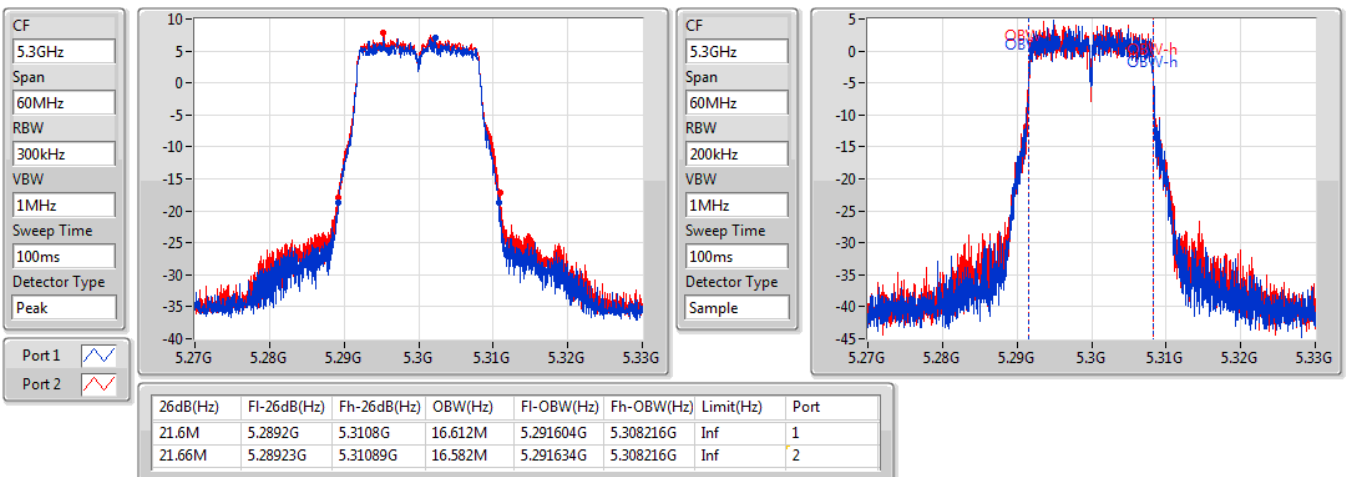
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

02/11/2019

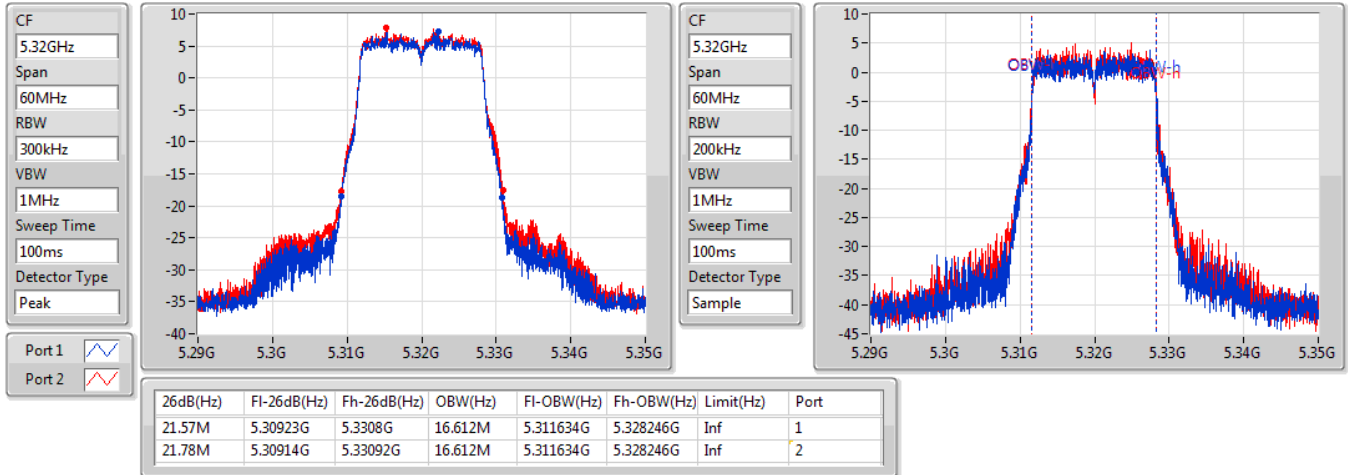

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

02/11/2019

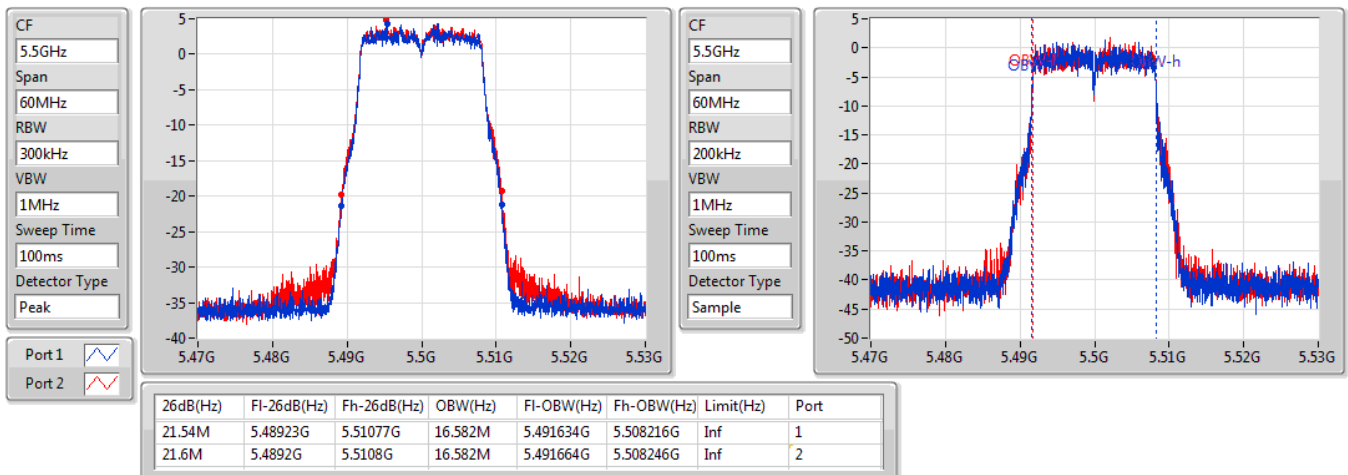


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

02/11/2019

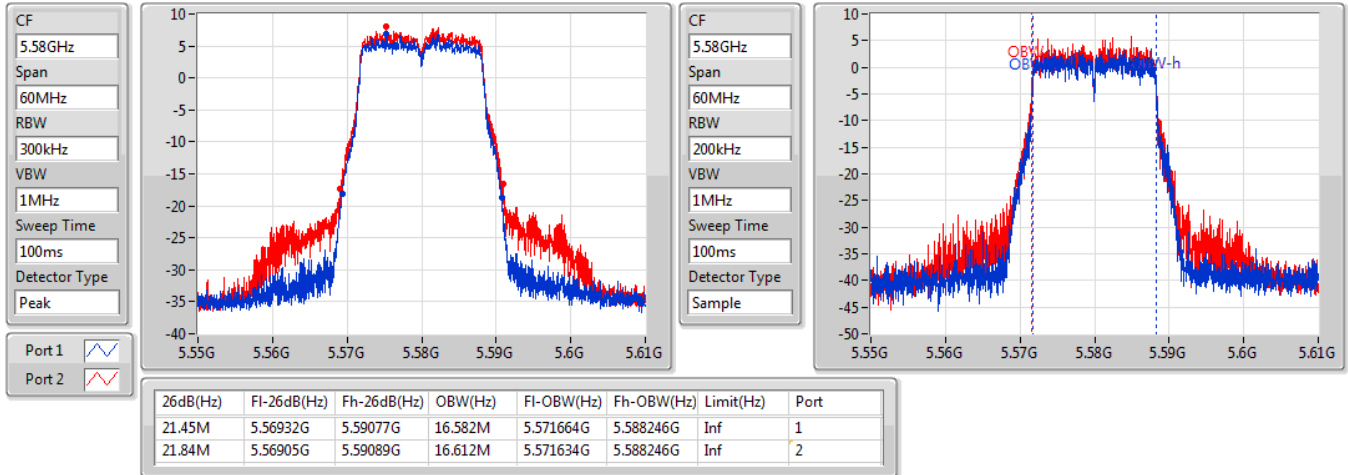

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

02/11/2019

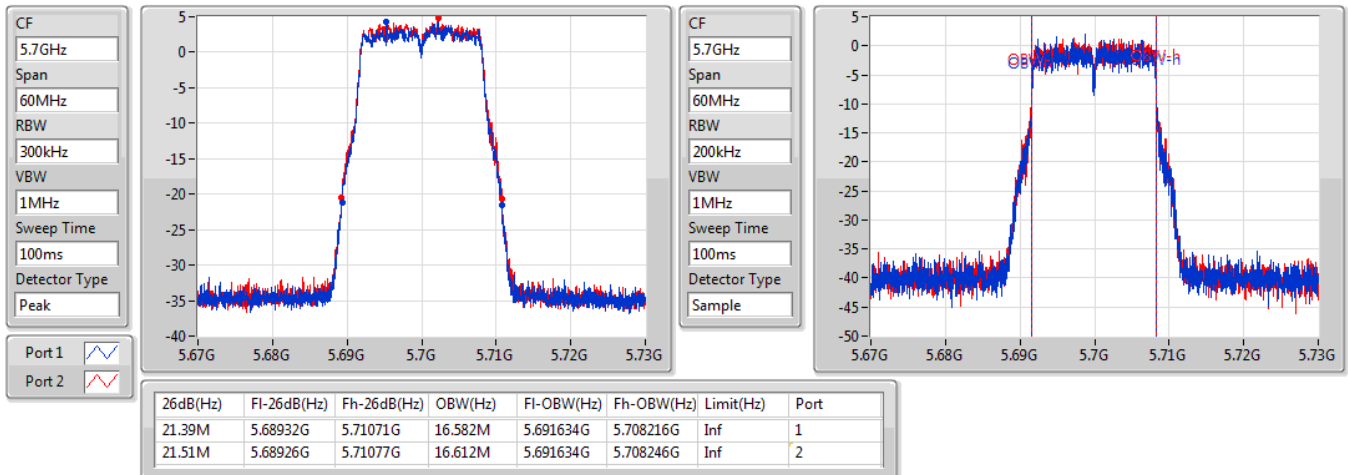


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

02/11/2019

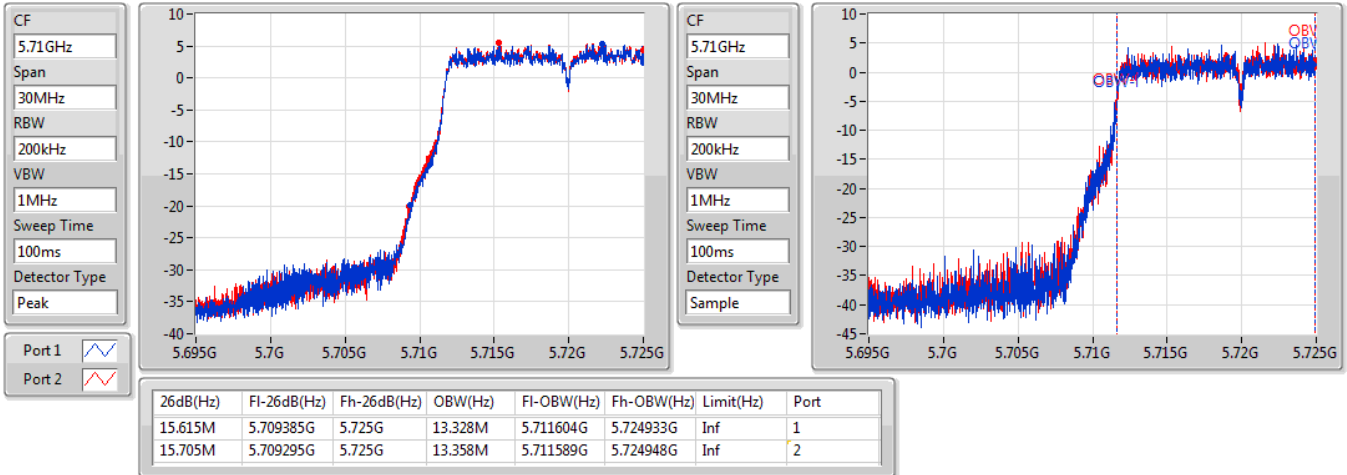

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

02/11/2019

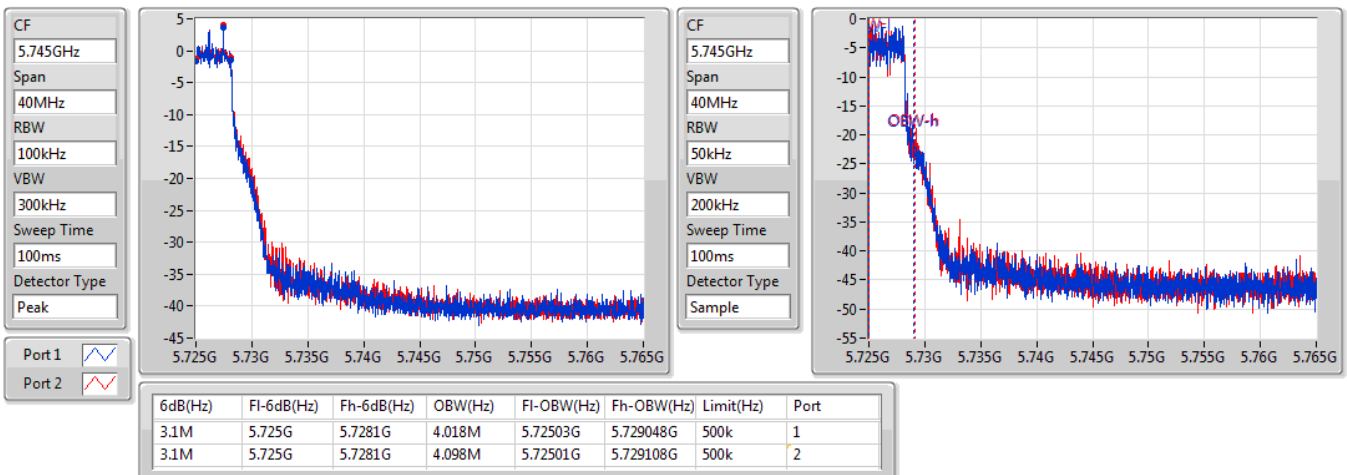


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

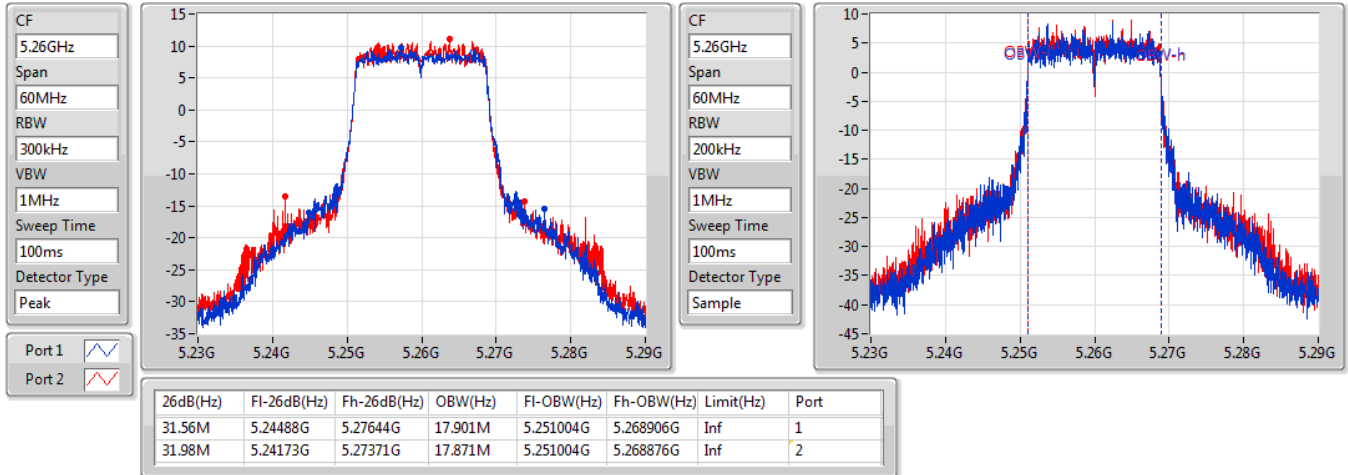

802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

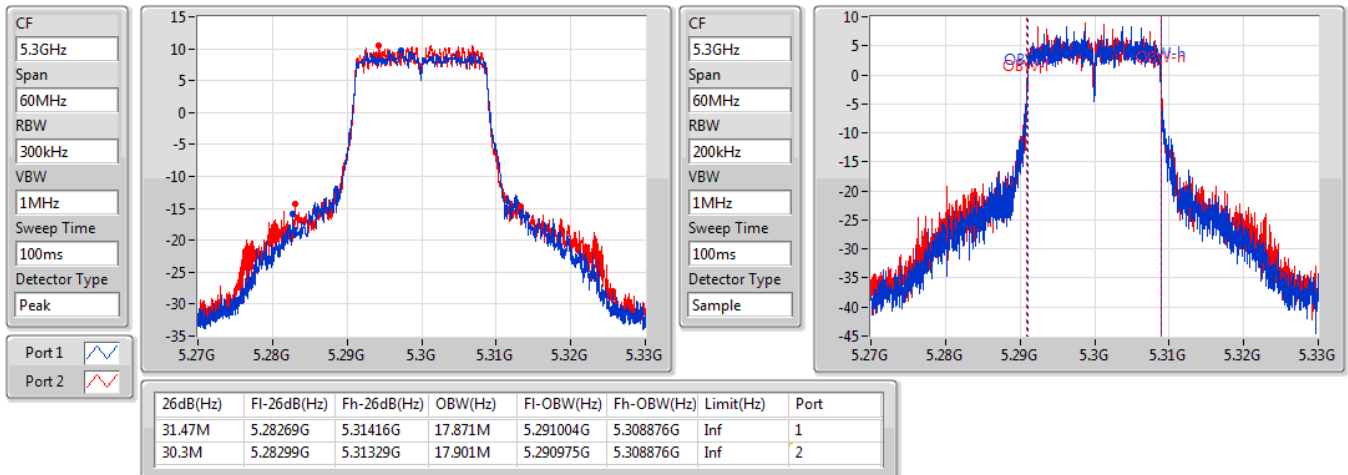


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5260MHz

02/11/2019

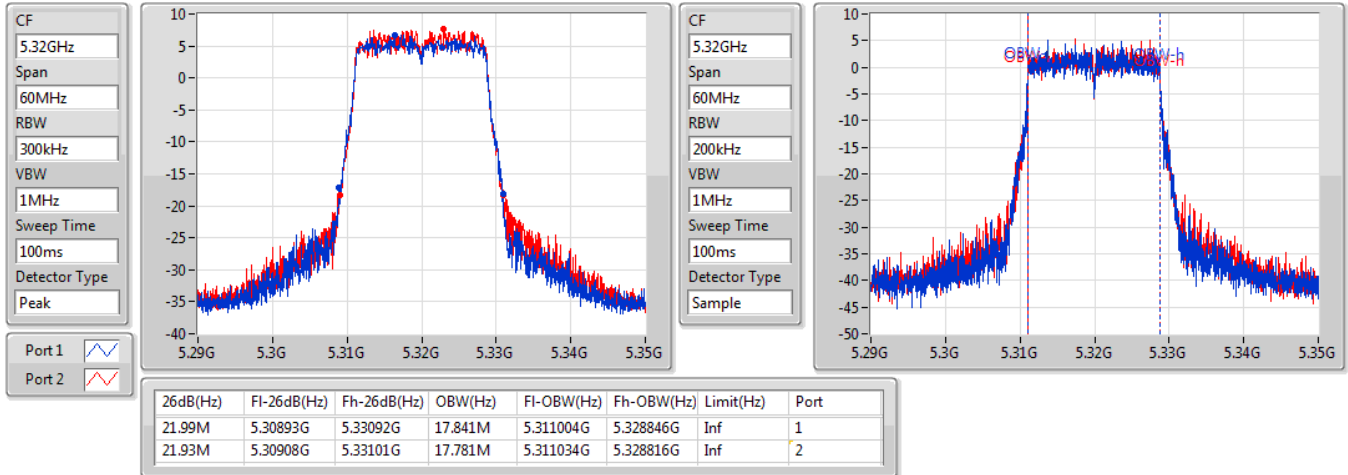

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5300MHz

02/11/2019

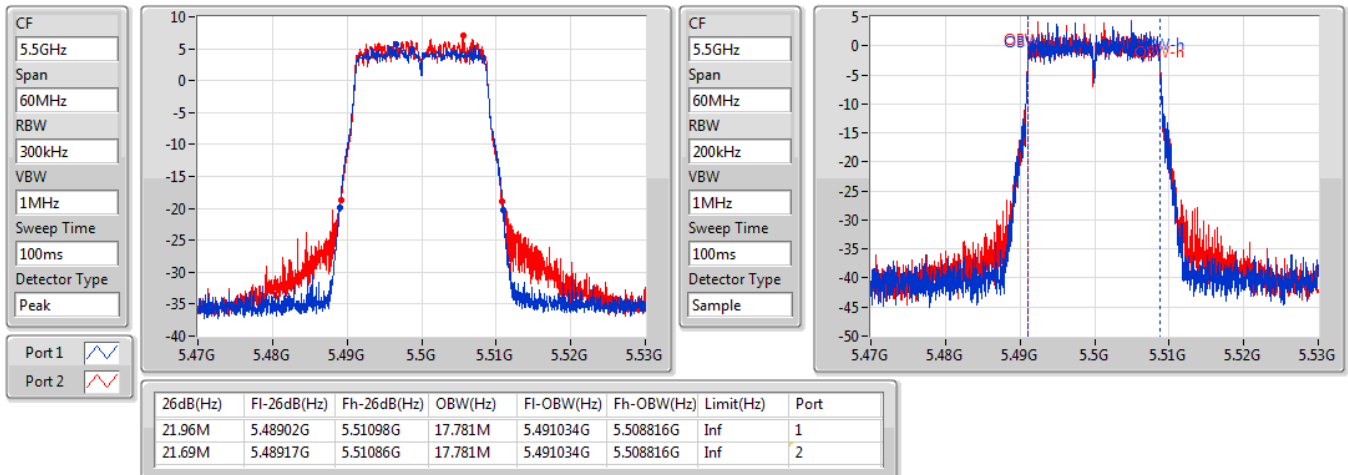


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

02/11/2019

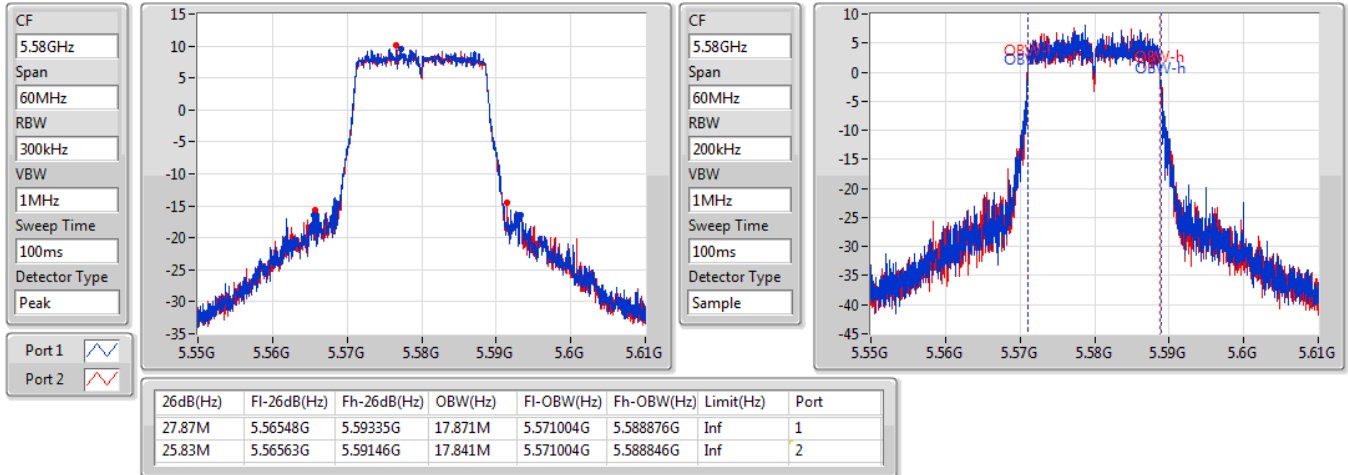

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5500MHz

02/11/2019

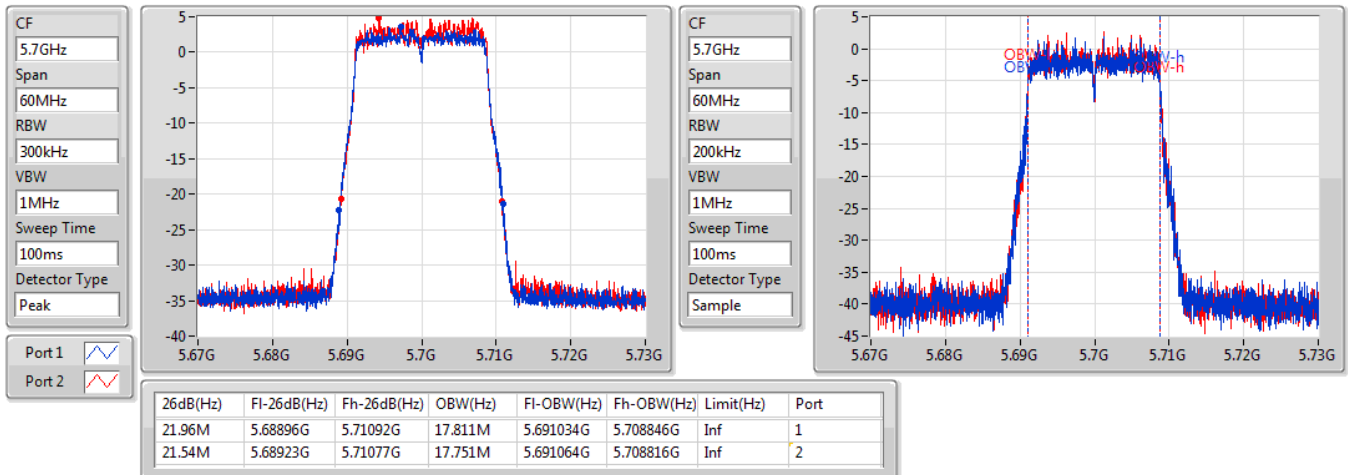


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5580MHz

02/11/2019

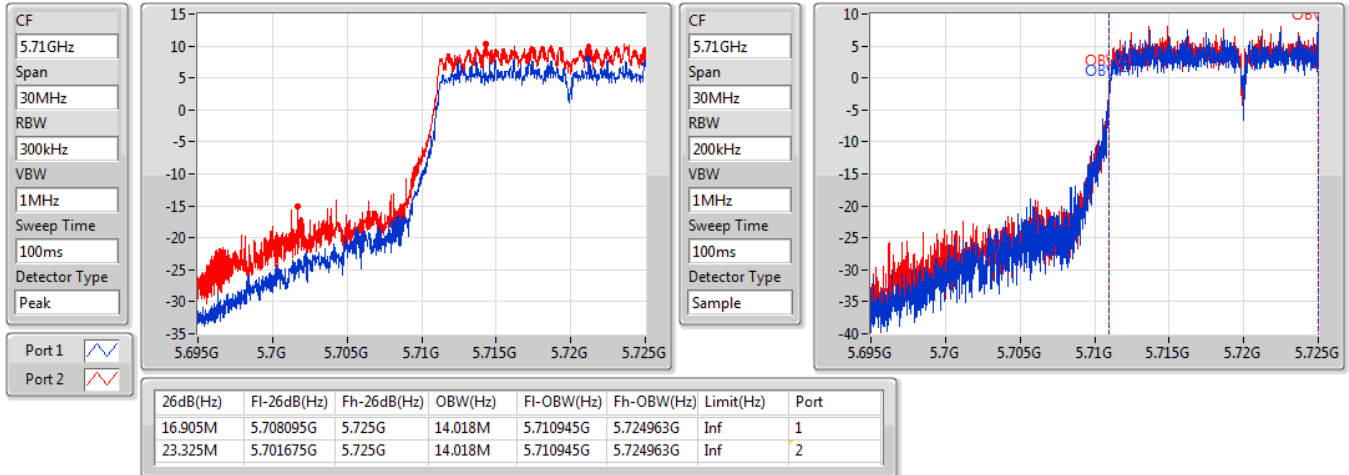

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5700MHz

02/11/2019

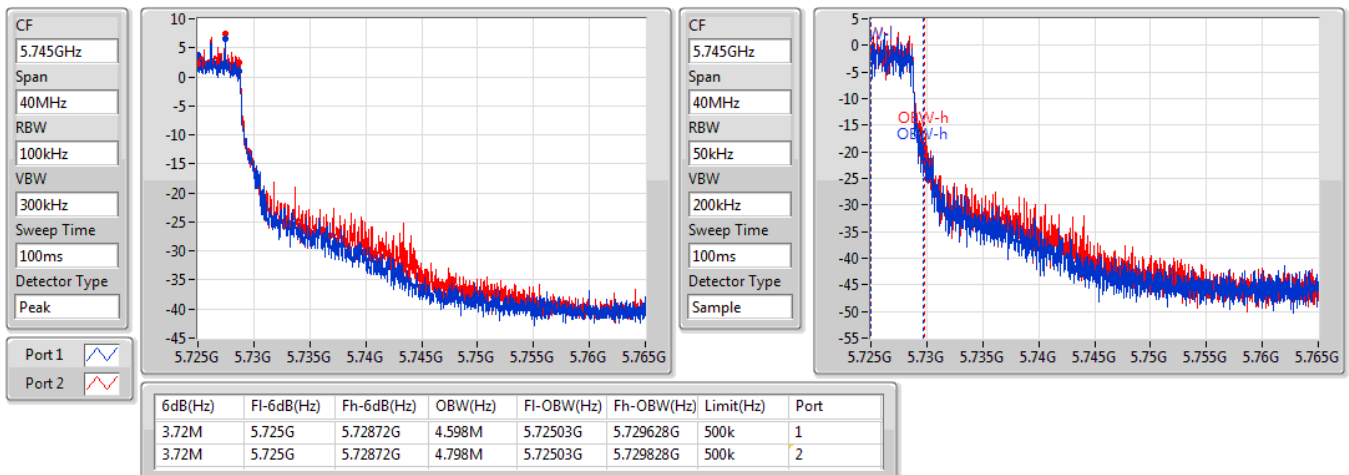


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

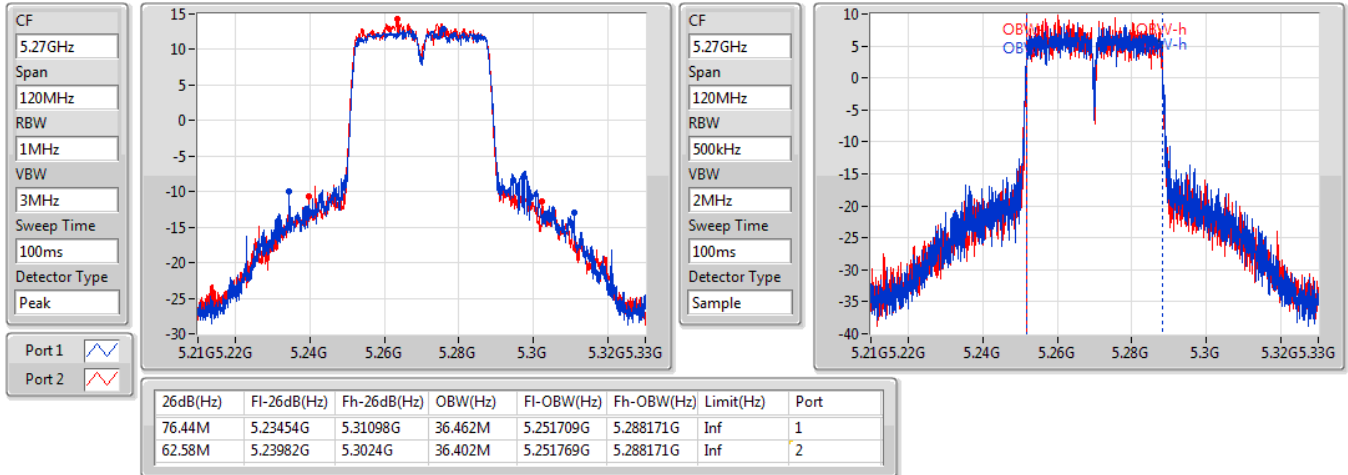

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

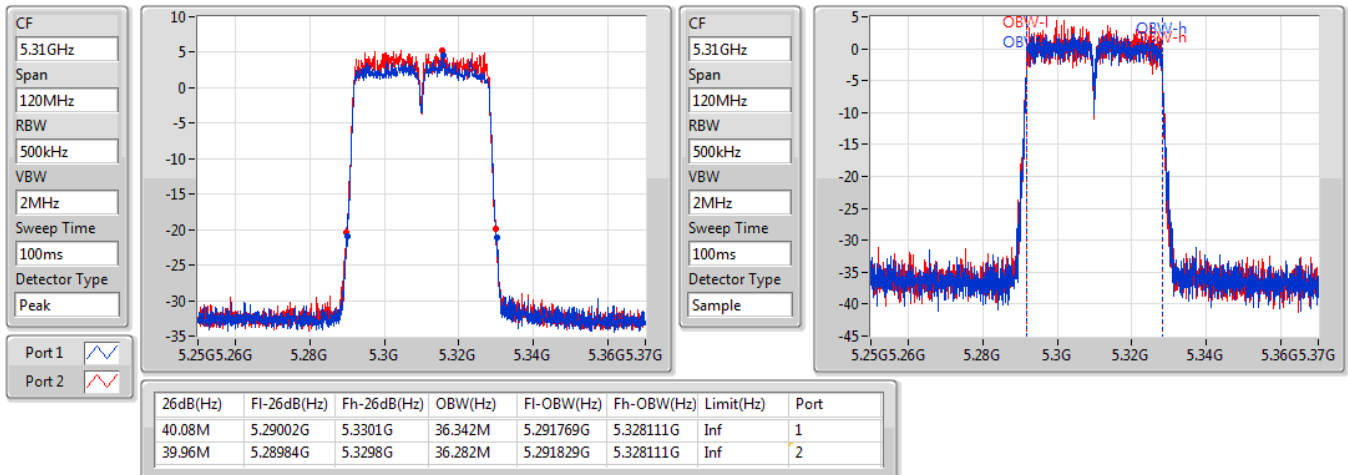


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5270MHz

02/11/2019

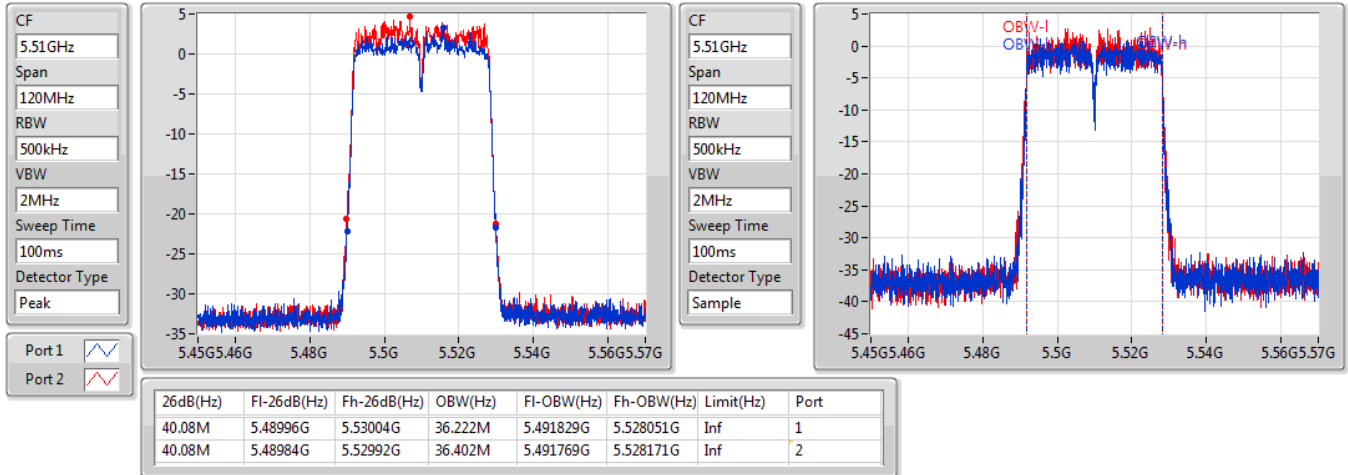

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5310MHz

02/11/2019

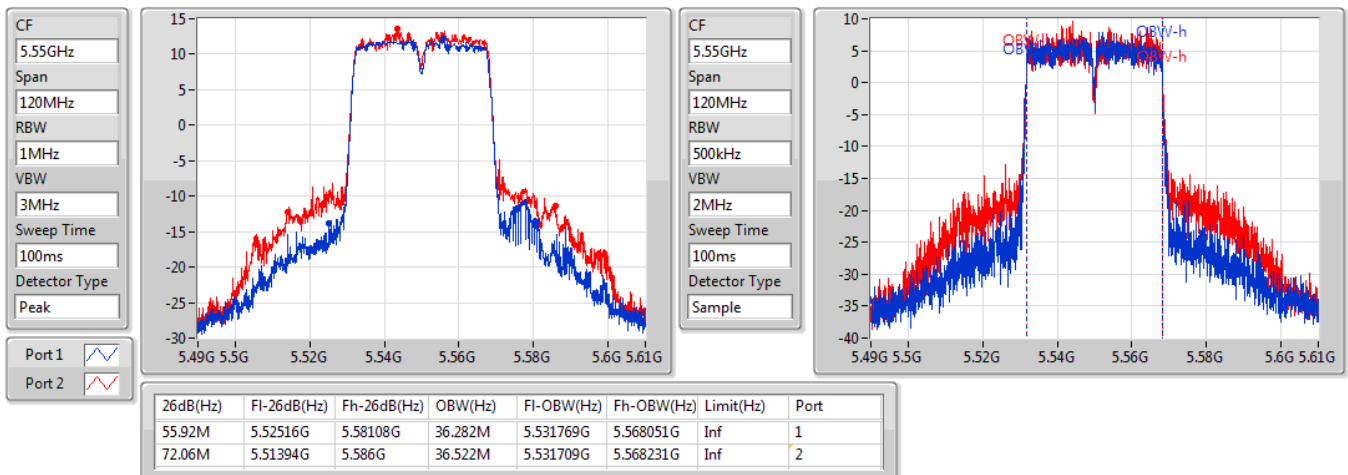


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5510MHz

02/11/2019

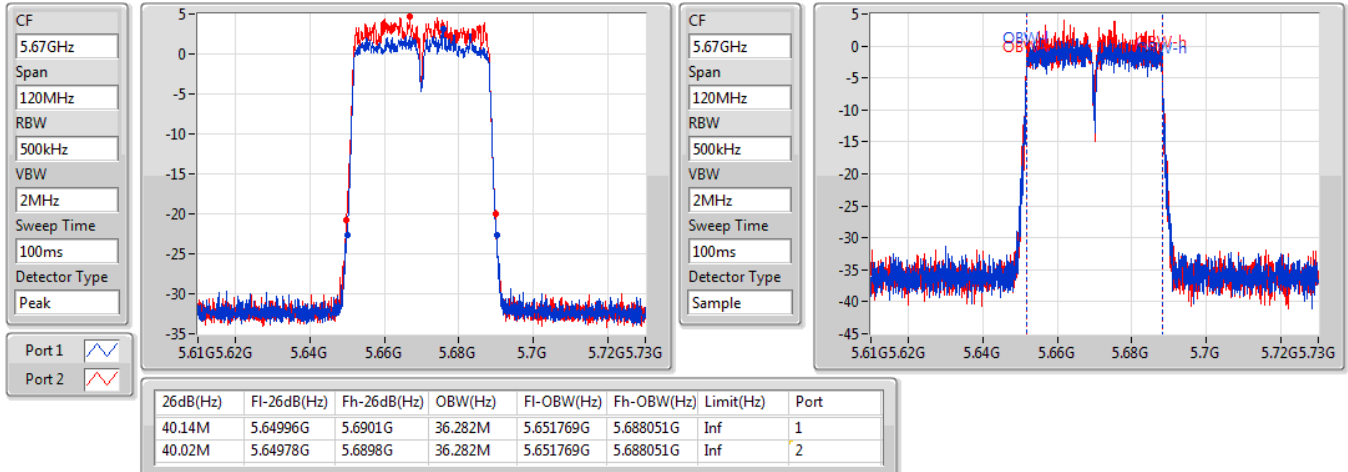

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5550MHz

02/11/2019

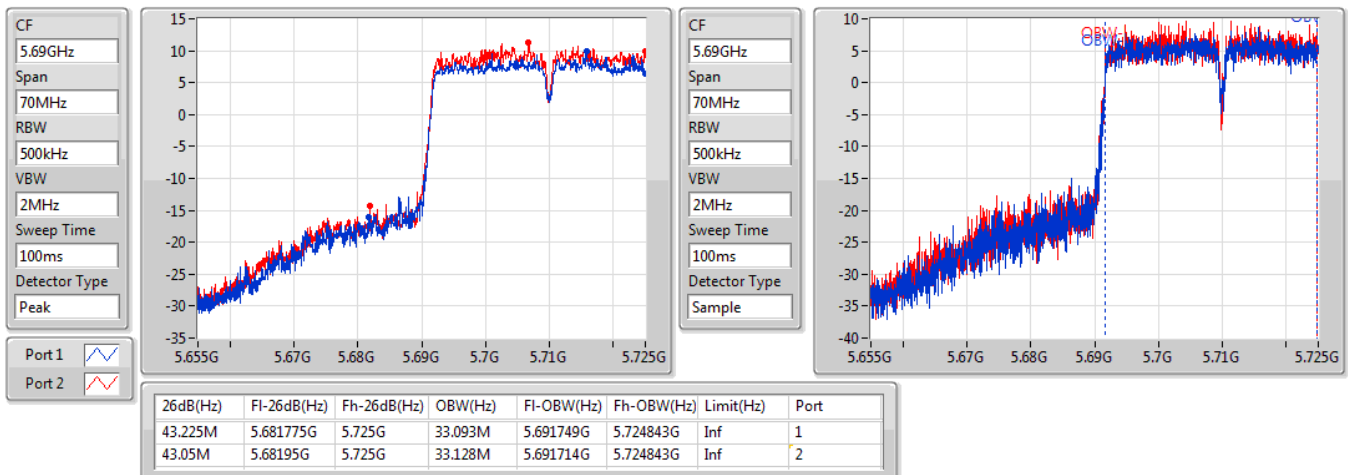


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5670MHz

02/11/2019

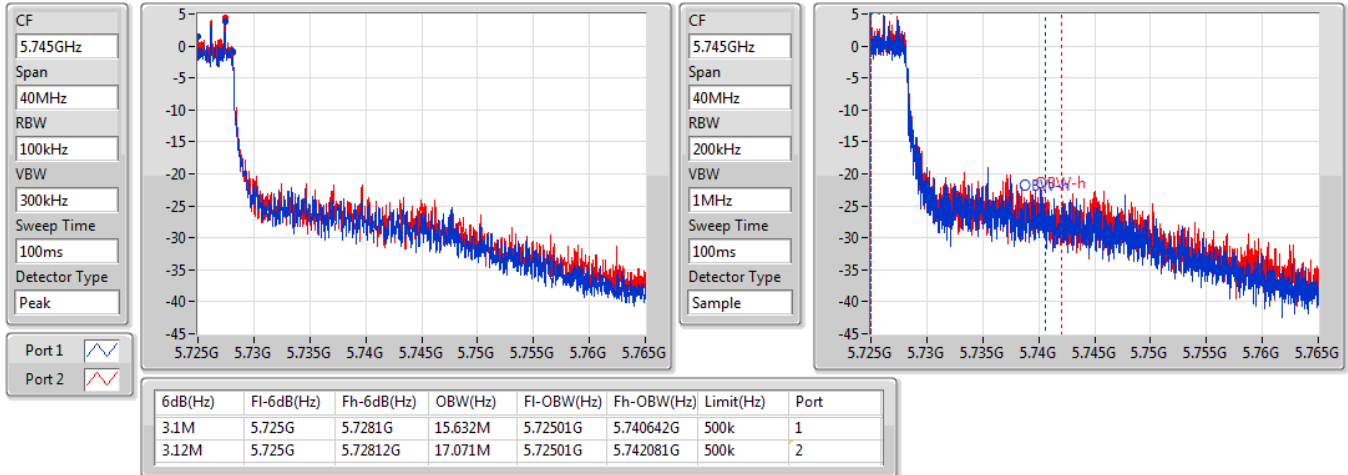

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

02/11/2019

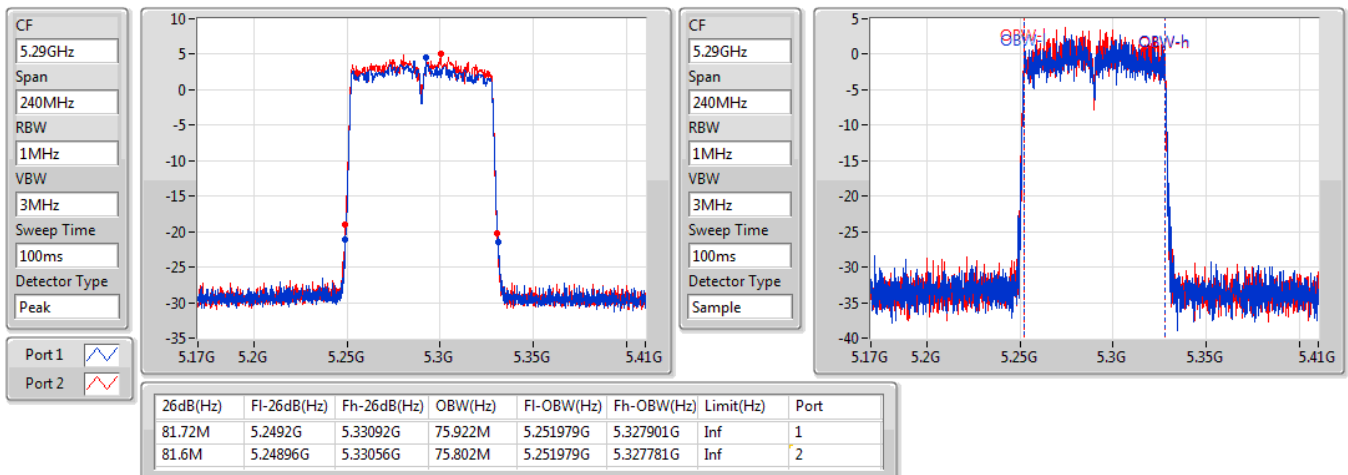


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

02/11/2019

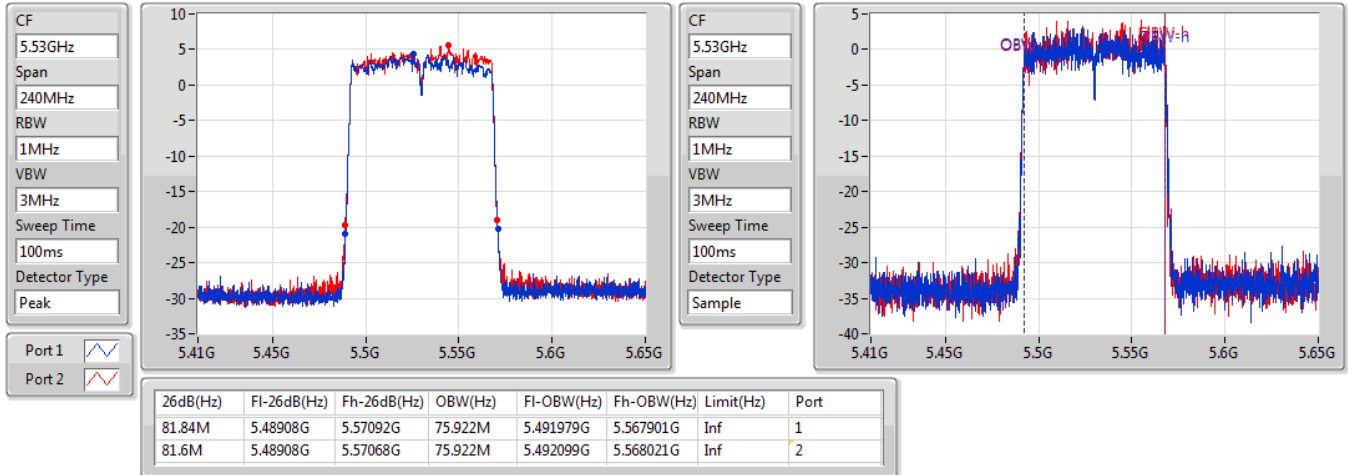

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

02/11/2019

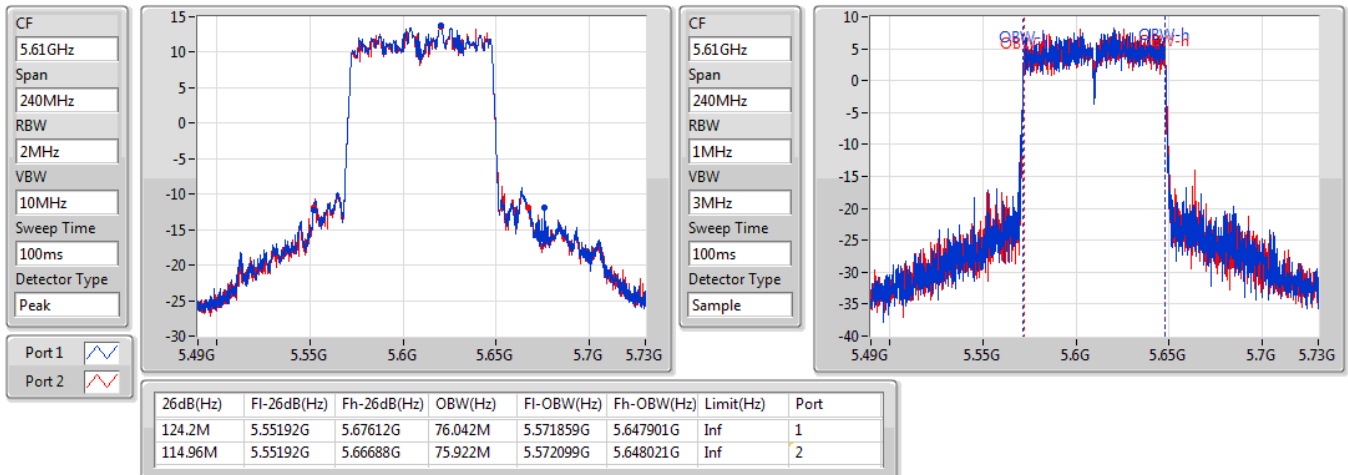


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5530MHz

02/11/2019

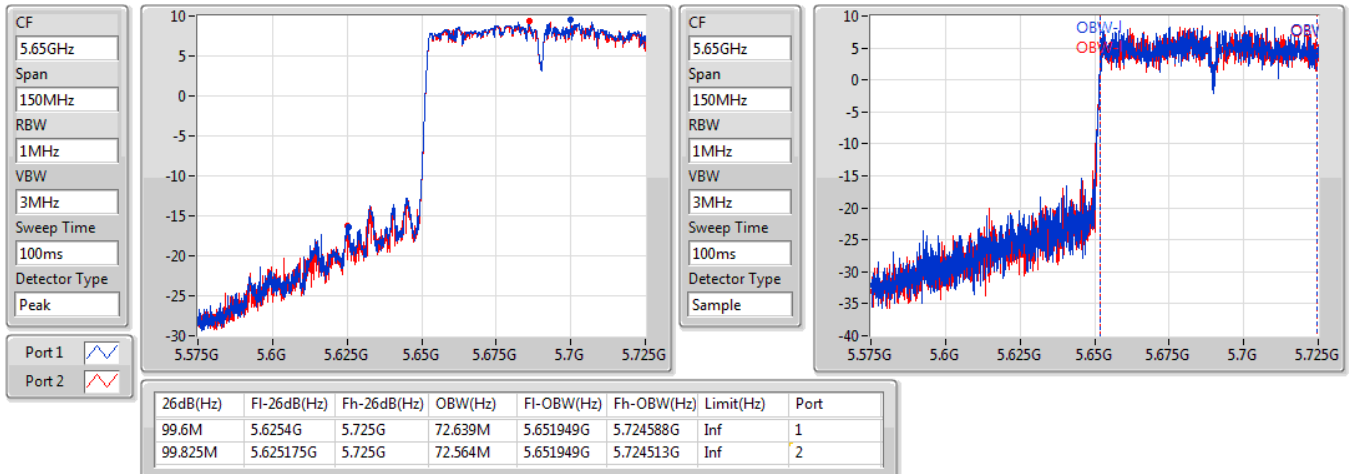

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5610MHz

02/11/2019

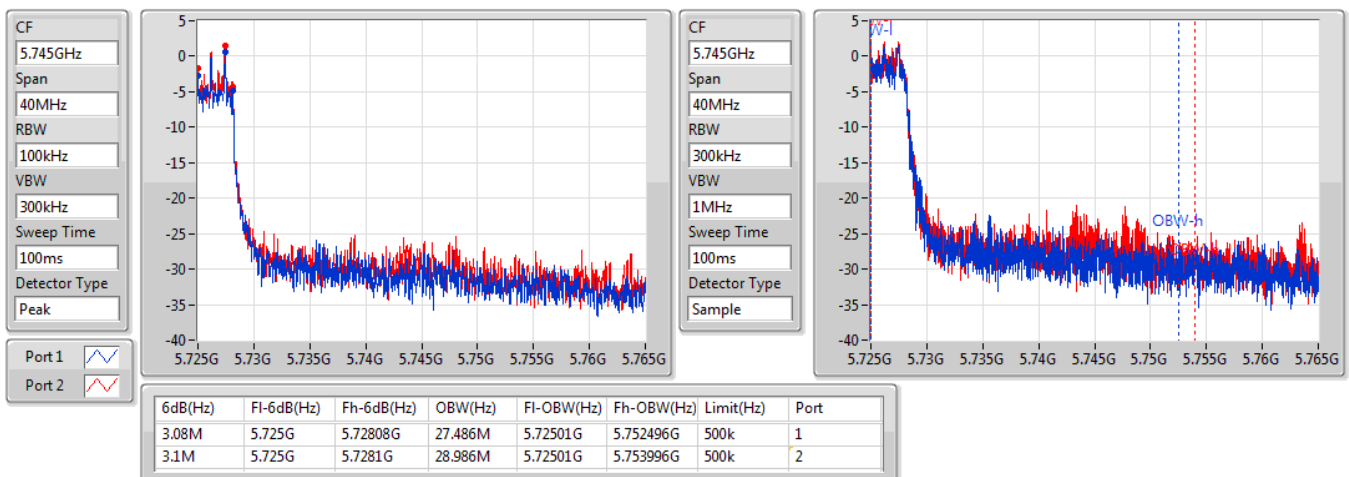


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/11/2019

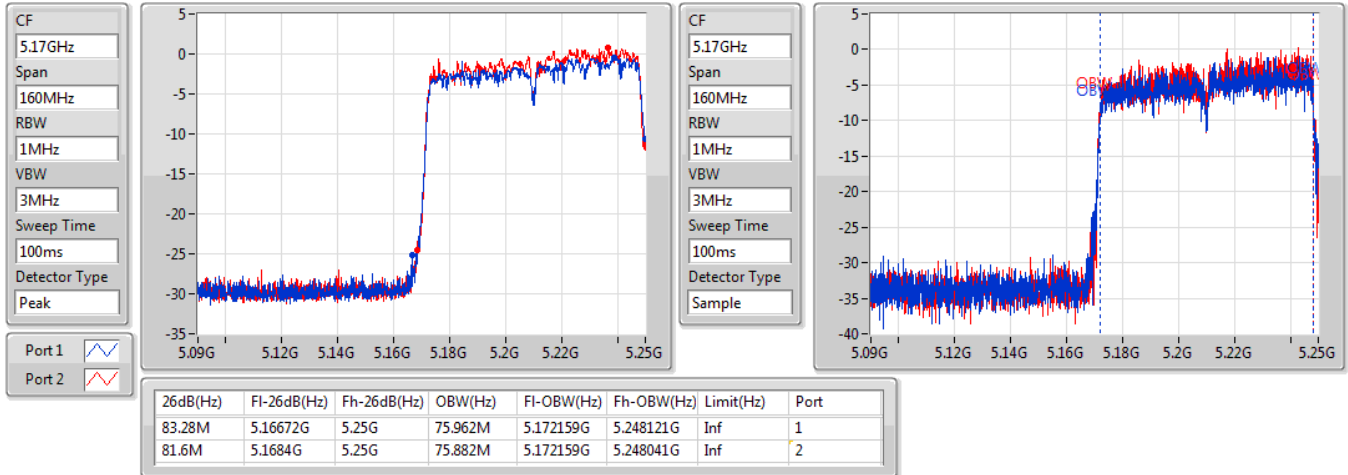

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/11/2019

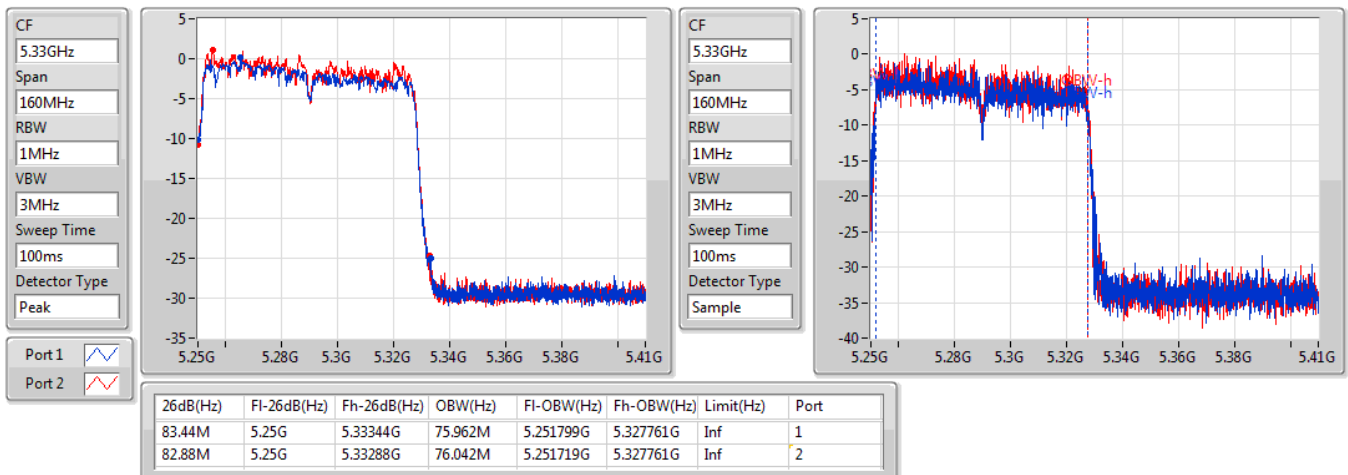


802.11ac VHT160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

02/11/2019

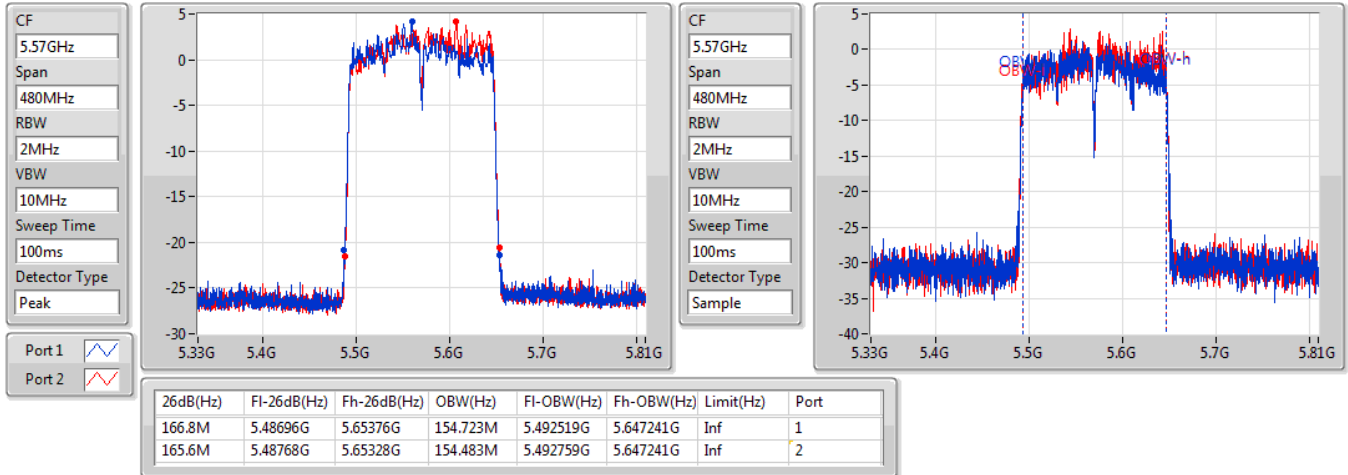

802.11ac VHT160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

02/11/2019

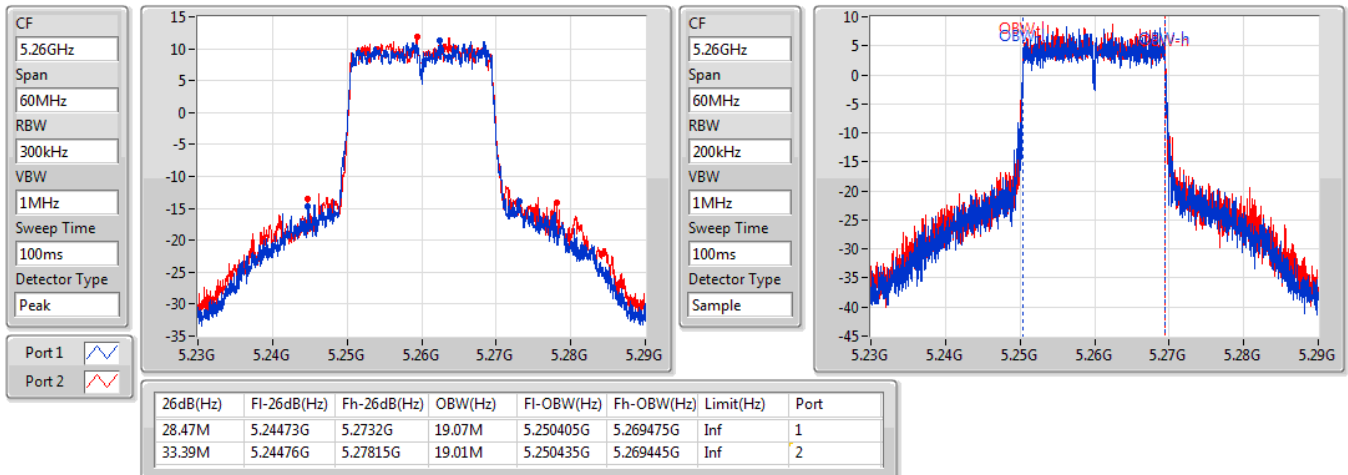


802.11ac VHT160_Nss2,(MCS0)_2TX
EBW
5570MHz

02/11/2019

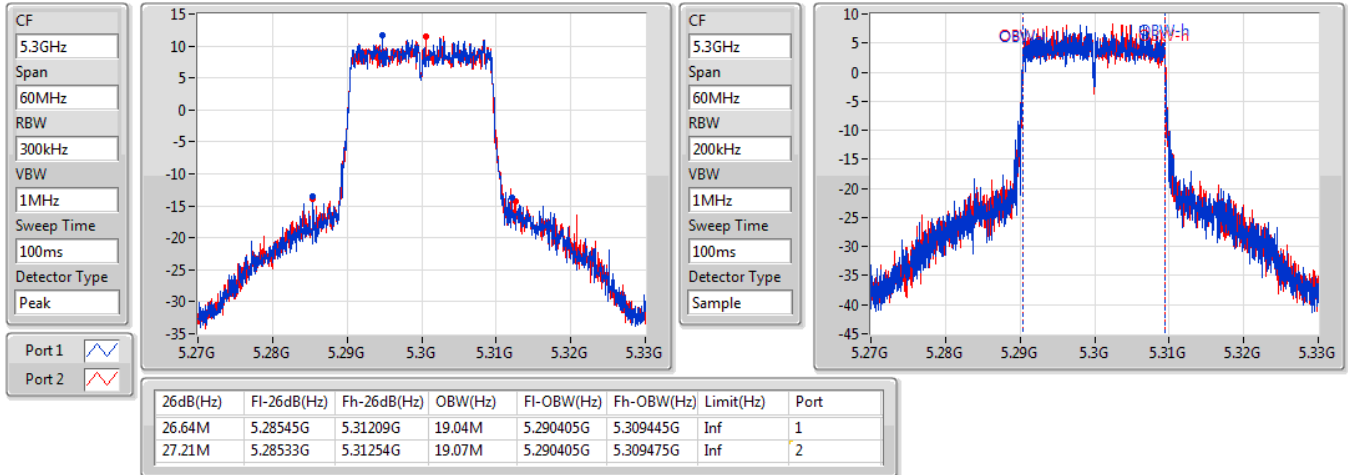

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5260MHz

02/11/2019

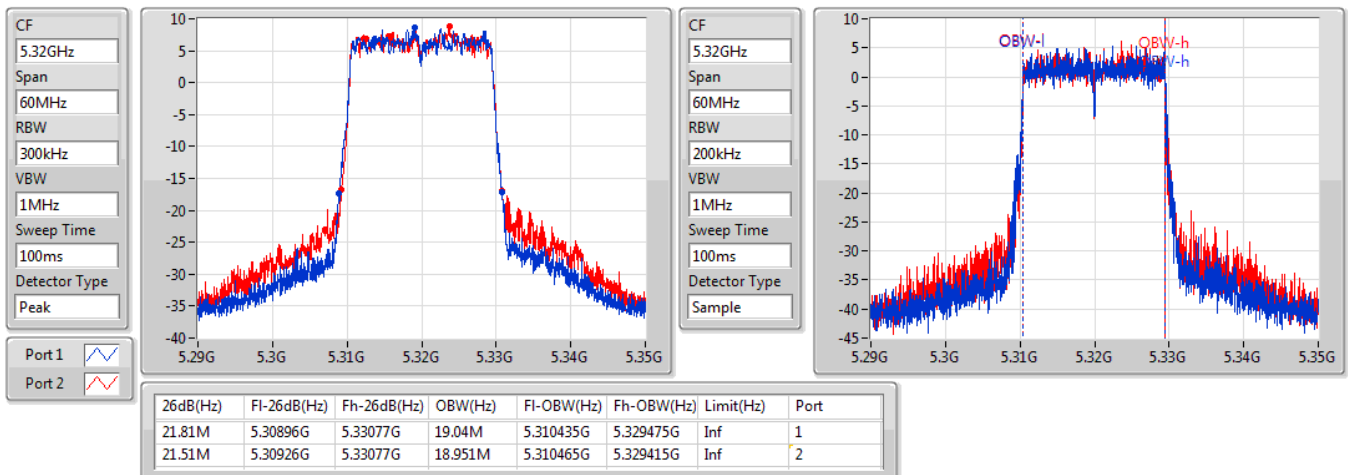


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5300MHz

02/11/2019

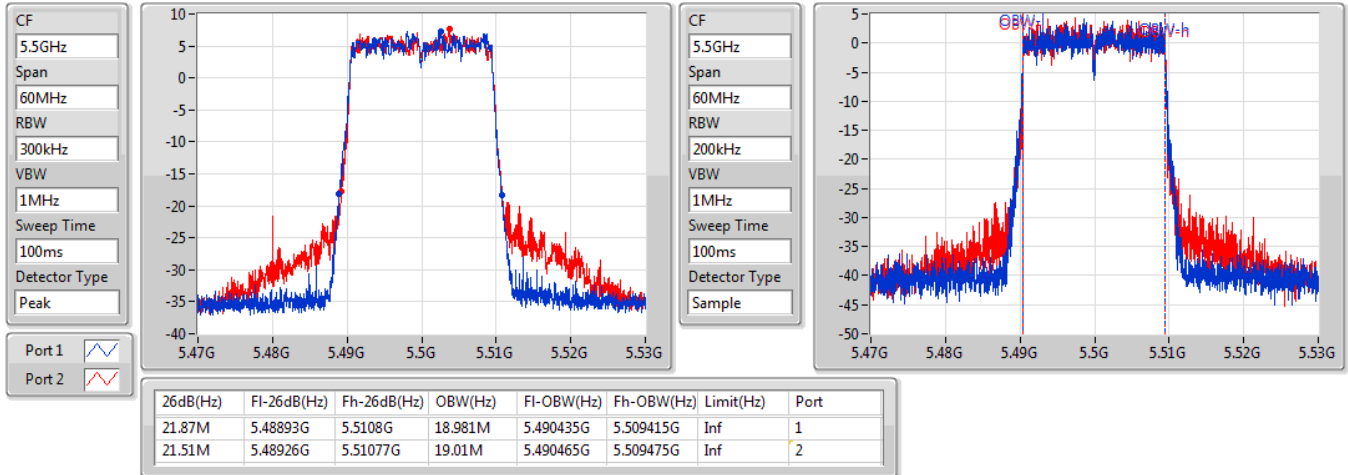

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5320MHz

02/11/2019

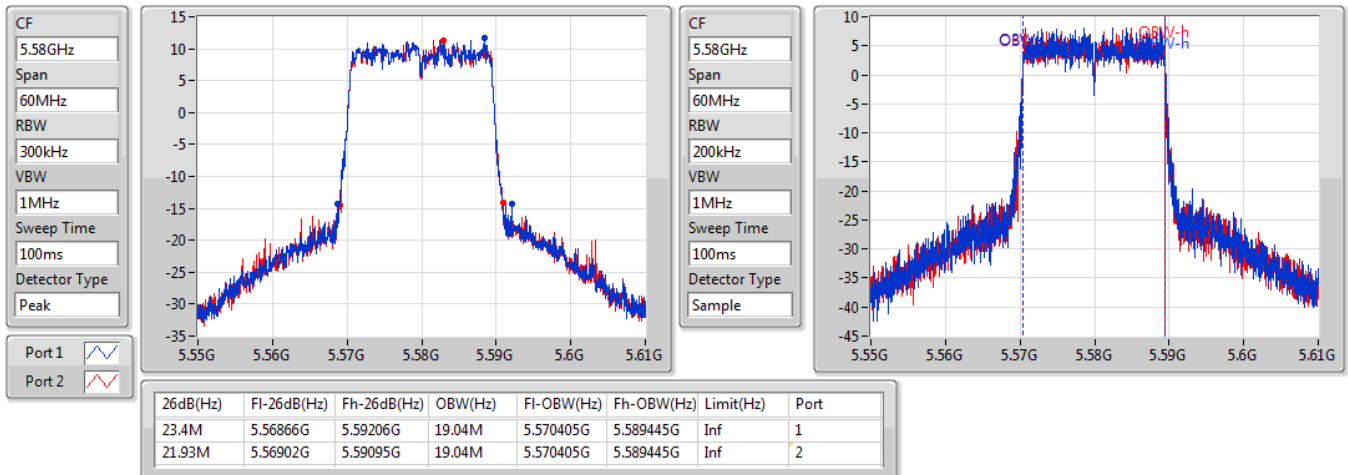


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5500MHz

02/11/2019

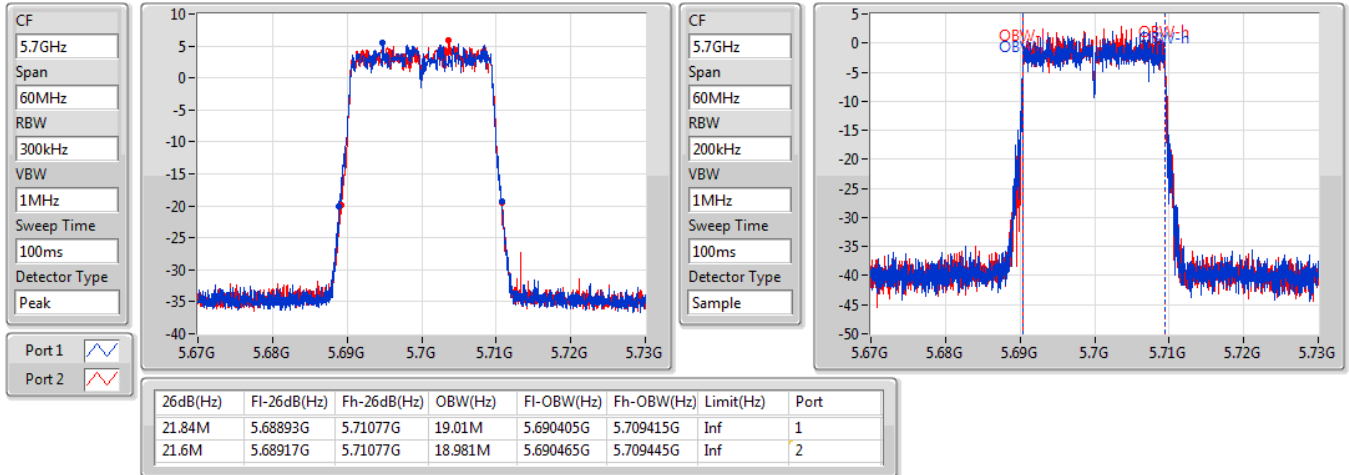

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5580MHz

02/11/2019

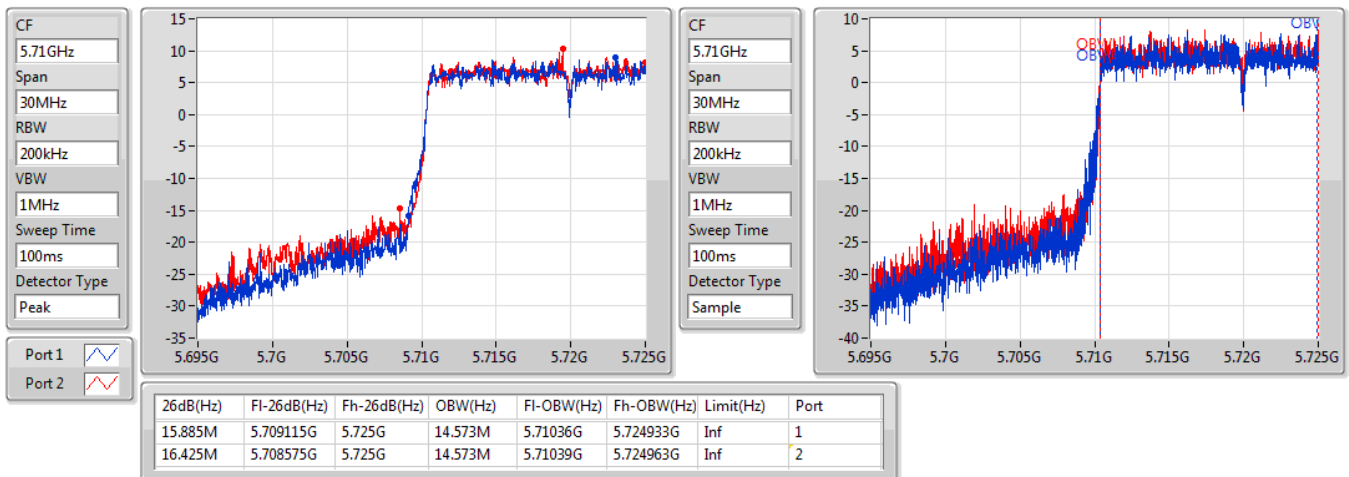


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5700MHz

02/11/2019

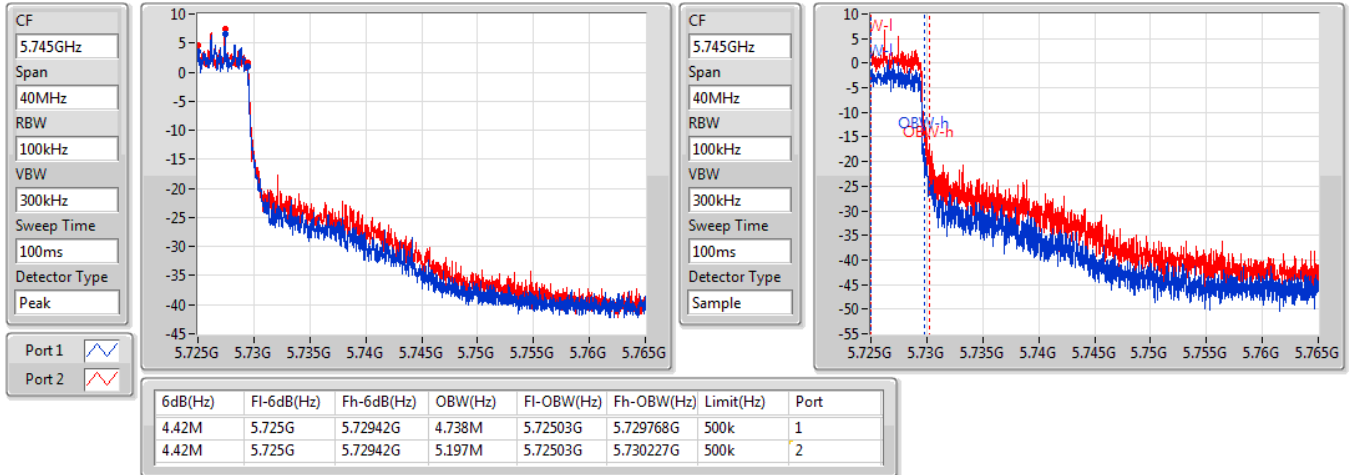

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

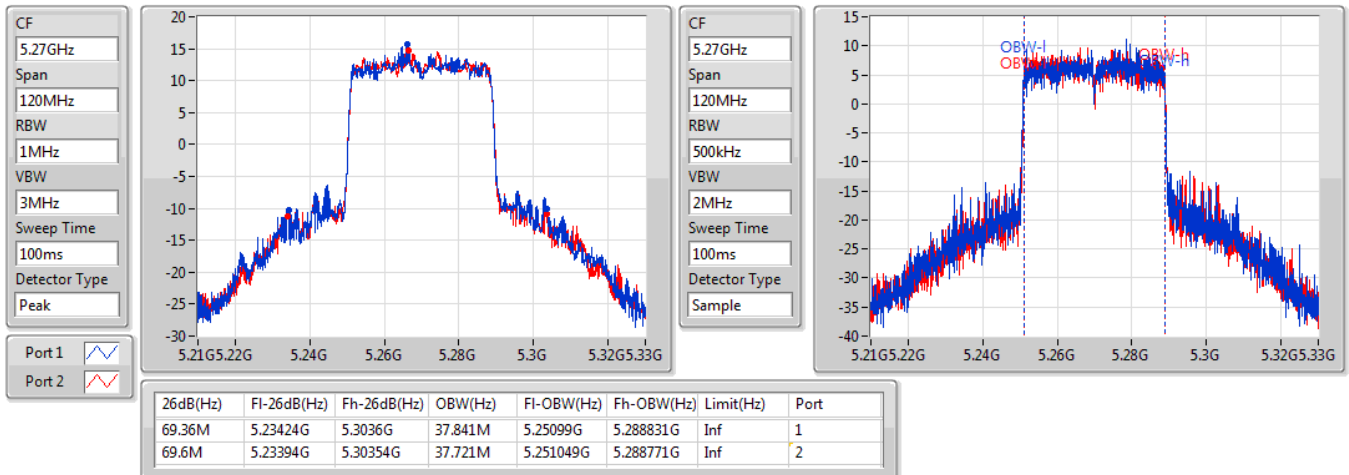


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

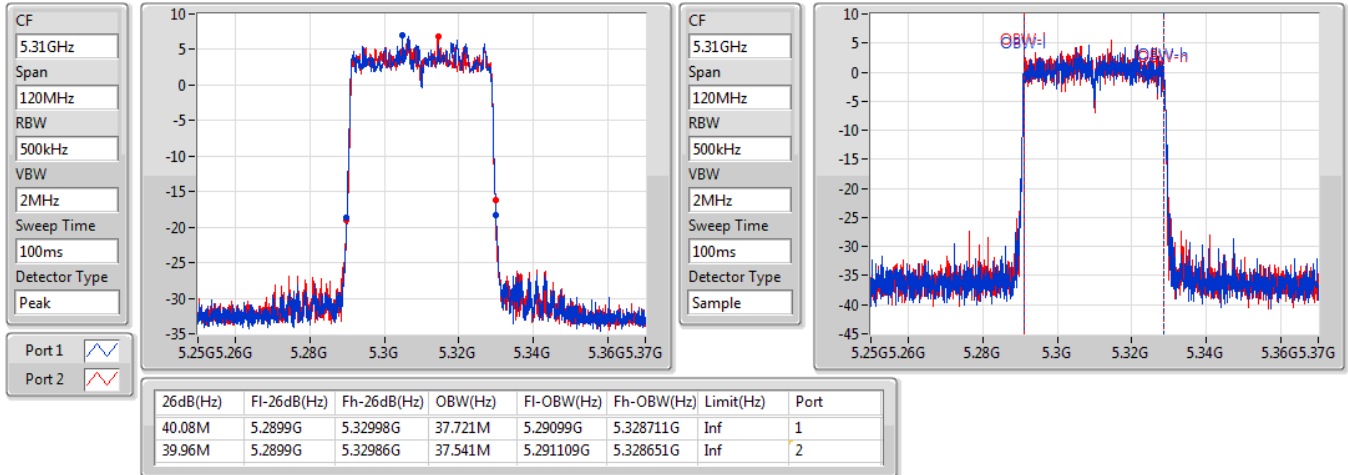

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5270MHz

02/11/2019

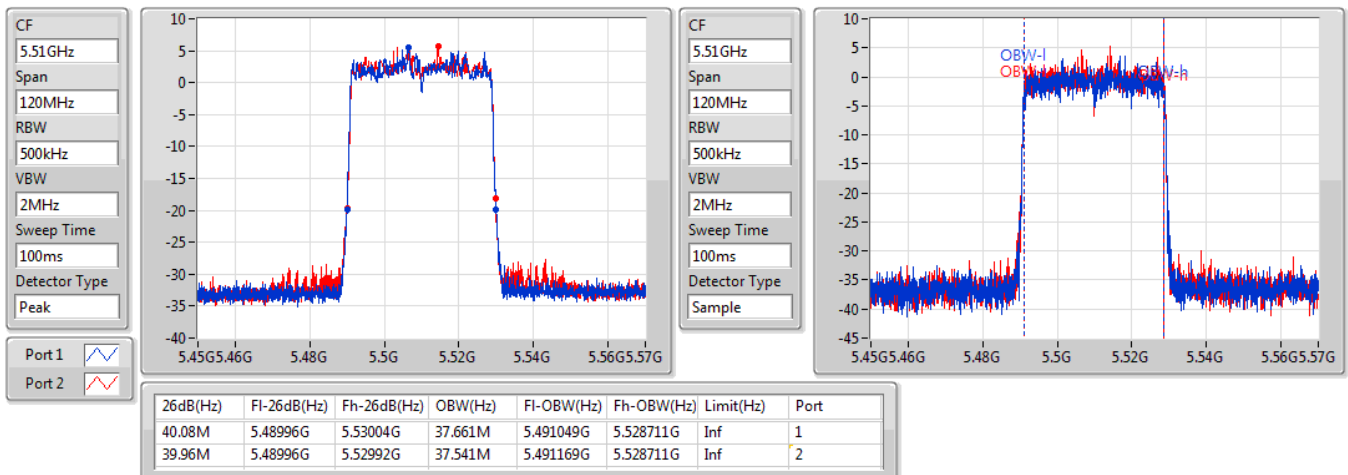


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5310MHz

02/11/2019

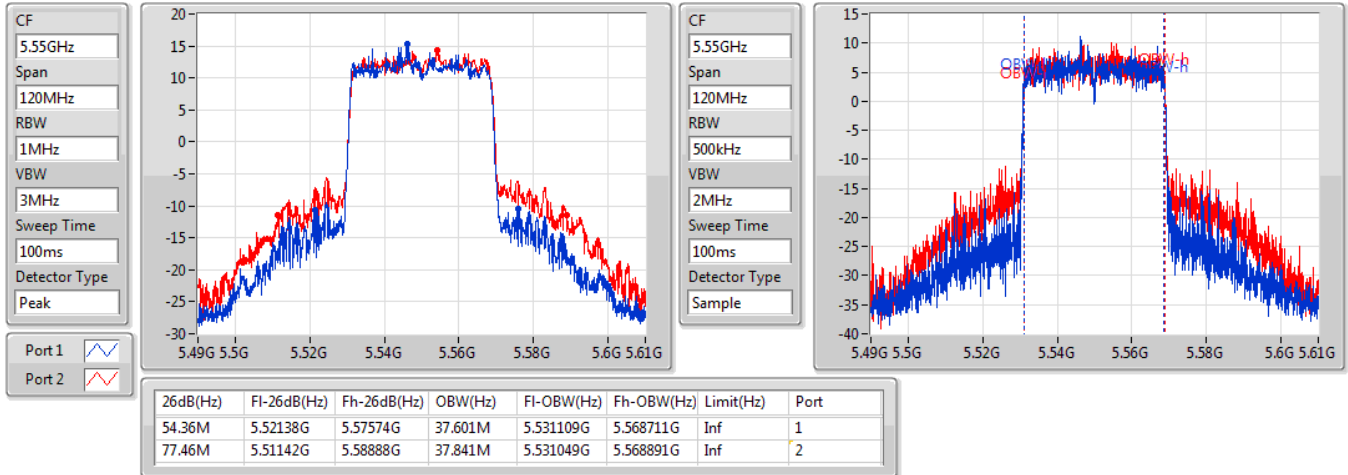

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5510MHz

02/11/2019

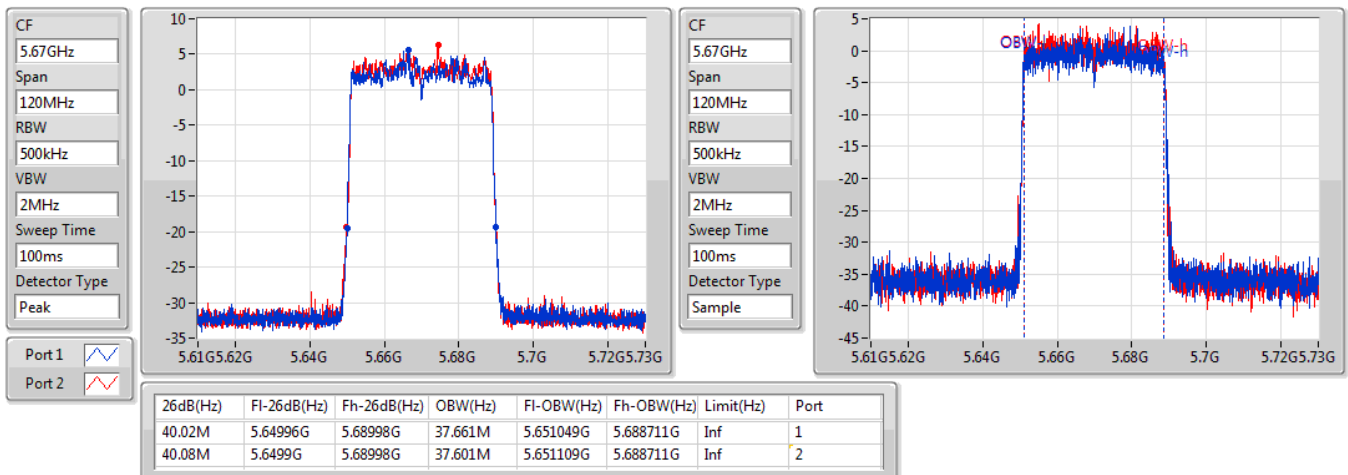


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5550MHz

02/11/2019

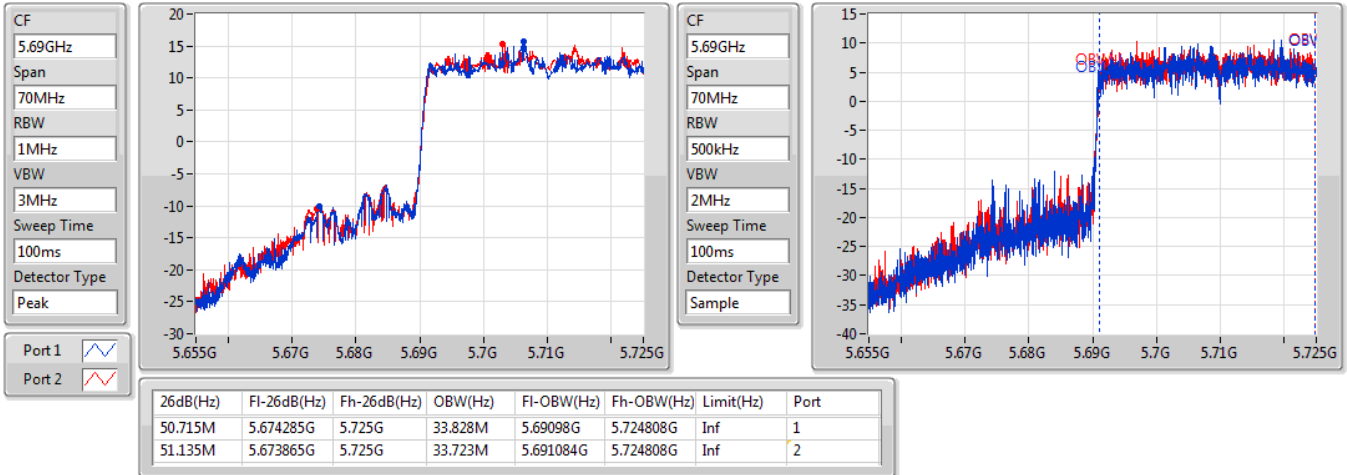

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5670MHz

02/11/2019

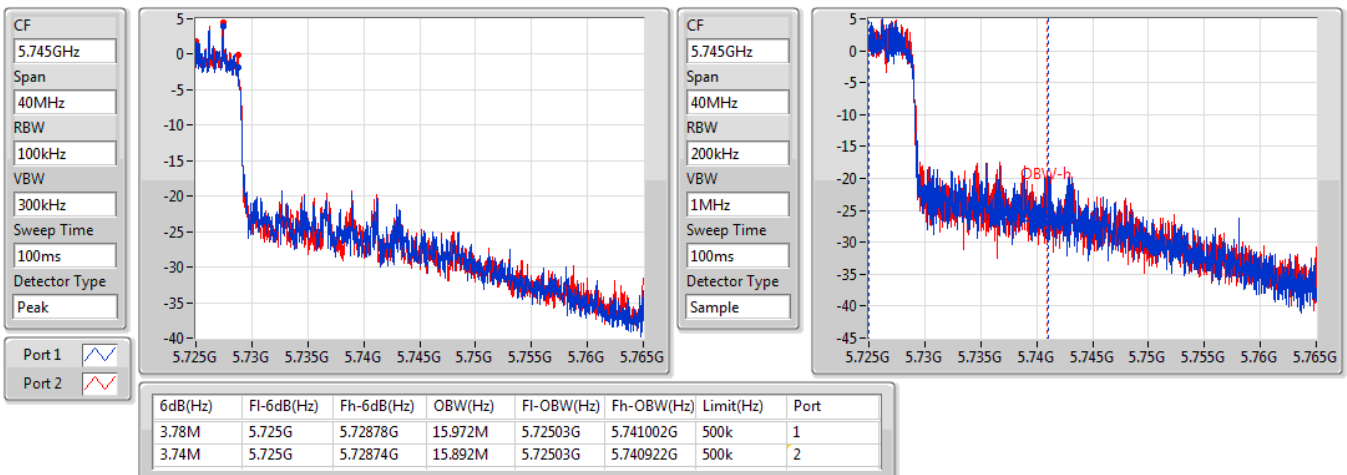


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

02/11/2019

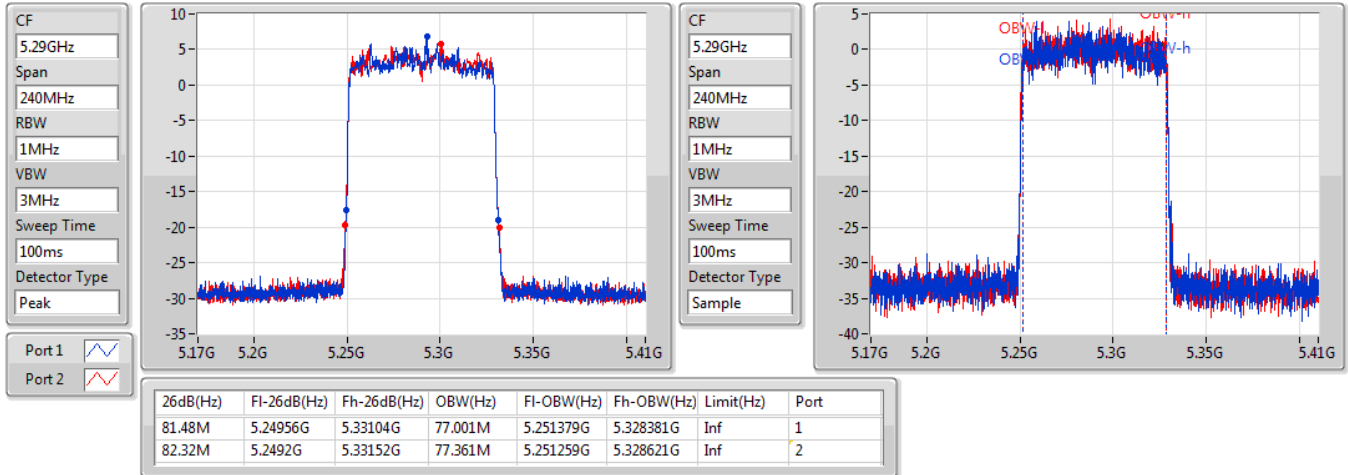

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

02/11/2019

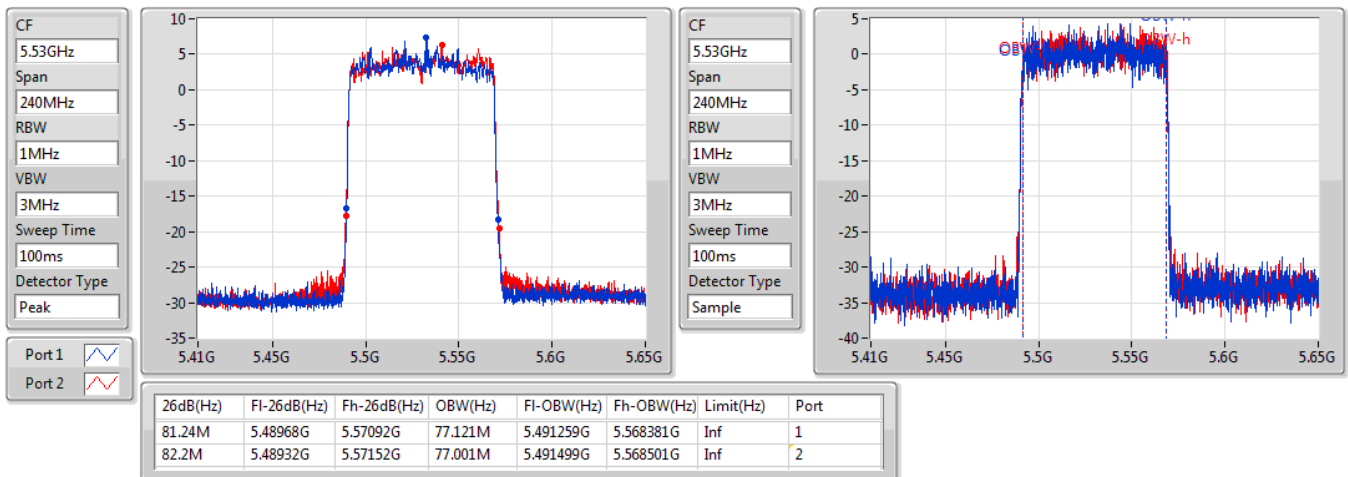


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5290MHz

02/11/2019

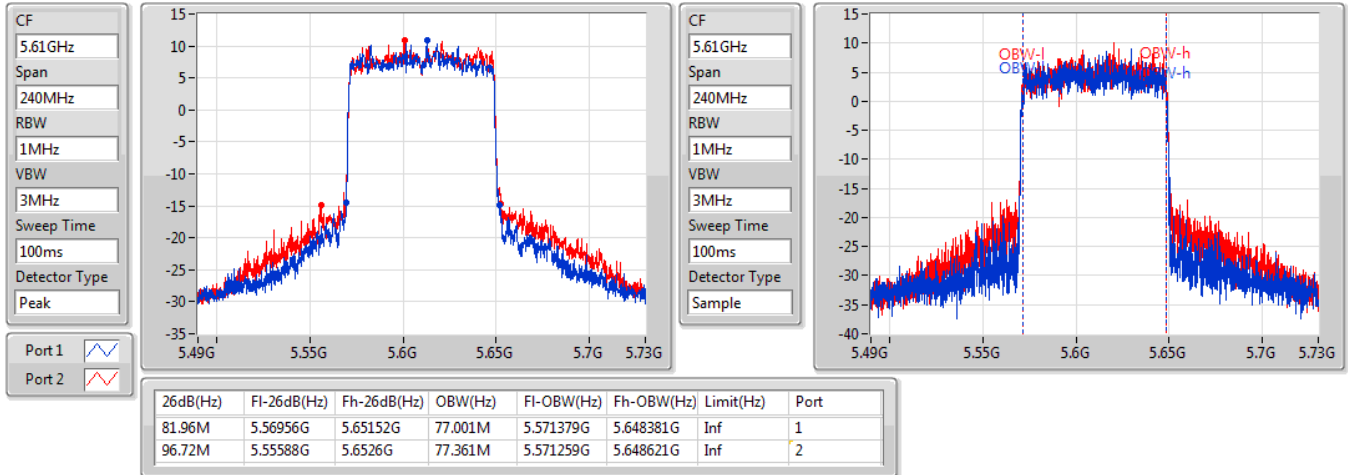

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5530MHz

02/11/2019

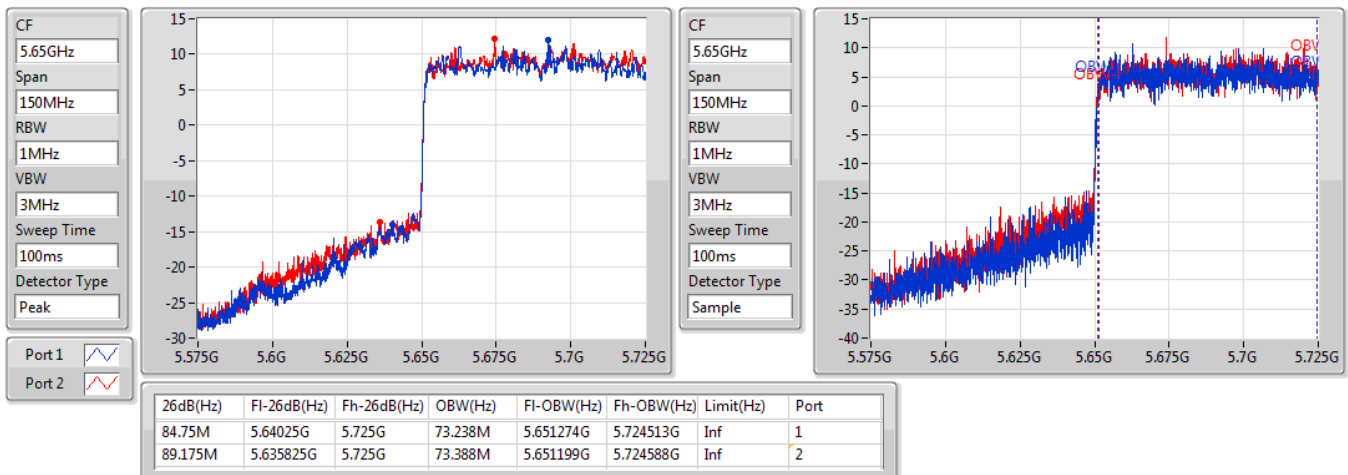


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5610MHz

02/11/2019

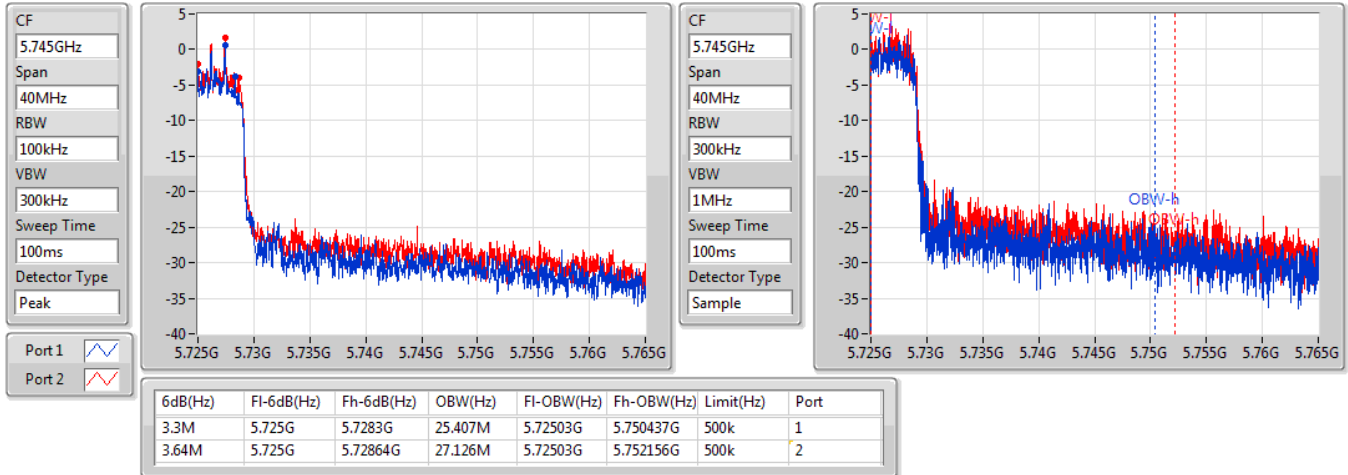

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/11/2019

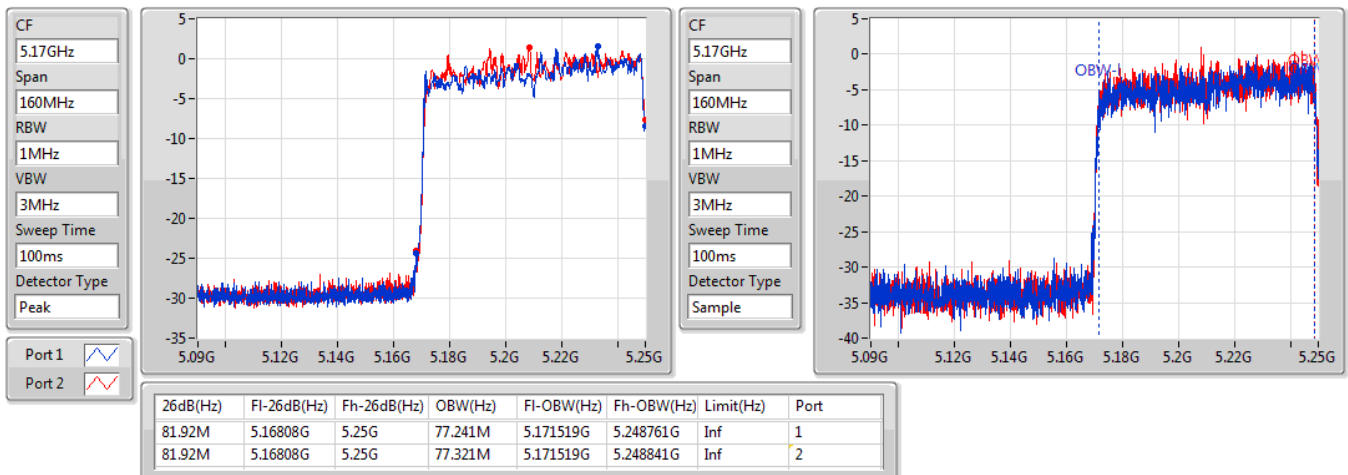


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/11/2019

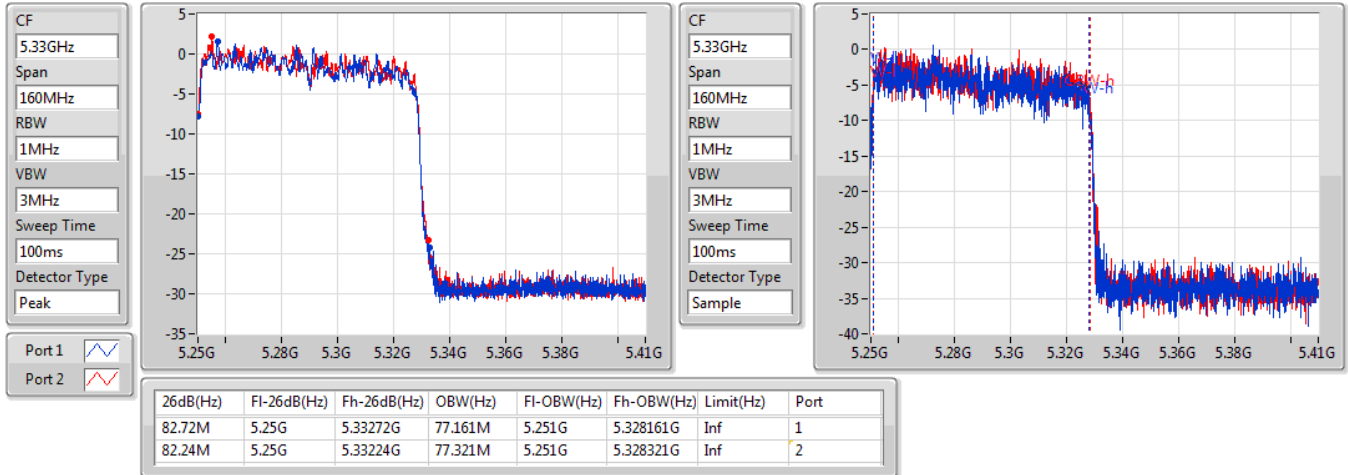

802.11ax HEW160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

02/11/2019

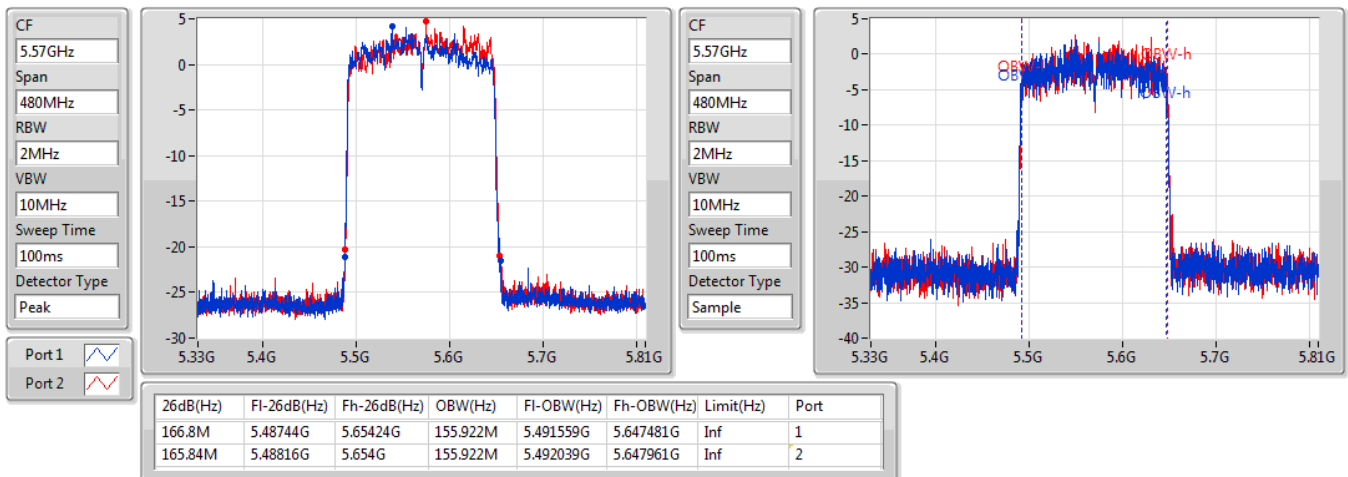


802.11ax HEW160_Nss2,(MCS0)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

02/11/2019


802.11ax HEW160_Nss2,(MCS0)_2TX
EBW
5570MHz

02/11/2019



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	102.8M	76.042M	76M0D1D	81.2M	75.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.92M	77.401M	77M4D1D	80.64M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72M	16.612M	16M6D1D	21.33M	16.552M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.81M	17.811M	17M8D1D	21.54M	17.751M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.5M	36.342M	36M3D1D	39.66M	36.222M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.08M	76.042M	76M0D1D	81.72M	75.682M
802.11ac VHT160_Nss1,(MCS0)_4TX	84.08M	76.042M	76M0D1D	81.36M	75.962M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.78M	19.01M	19M0D1D	21.6M	18.921M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.14M	37.601M	37M6D1D	39.78M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.2M	77.121M	77M1D1D	81.84M	76.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.08M	77.401M	77M4D1D	81.52M	77.321M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.75M	16.672M	16M7D1D	15.63M	13.313M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.84M	17.811M	17M8D1D	15.855M	13.928M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.38M	36.402M	36M4D1D	34.93M	33.058M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.2M	75.922M	75M9D1D	75.6M	72.564M
802.11ac VHT160_Nss1,(MCS0)_4TX	166.32M	154.963M	155MD1D	164.16M	154.723M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.84M	19.04M	19M0D1D	15.75M	14.528M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.661M	37M7D1D	34.93M	33.723M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.241M	77M2D1D	75.9M	73.163M
802.11ax HEW160_Nss1,(MCS0)_4TX	166.32M	156.402M	156MD1D	165.36M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.12M	4.538M	4M54D1D	3.12M	4.378M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.72M	4.558M	4M56D1D	3.72M	4.458M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.12M	4.018M	4M02D1D	3.08M	3.838M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.1M	14.693M	14M7D1D	2.94M	5.137M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.48M	4.578M	4M58D1D	4.36M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.8M	4.038M	4M04D1D	3.66M	3.998M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.74M	7.736M	7M74D1D	3.66M	4.318M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.39M	16.552M	21.66M	16.612M	21.6M	16.582M	21.6M	16.582M
5300MHz	Pass	Inf	21.54M	16.582M	21.63M	16.552M	21.57M	16.582M	21.69M	16.552M
5320MHz	Pass	Inf	21.33M	16.582M	21.72M	16.582M	21.72M	16.552M	21.45M	16.582M
5500MHz	Pass	Inf	21.54M	16.672M	21.69M	16.582M	21.75M	16.612M	21.51M	16.552M
5580MHz	Pass	Inf	21.39M	16.642M	21.66M	16.612M	21.57M	16.612M	21.51M	16.582M
5700MHz	Pass	Inf	21.45M	16.582M	21.6M	16.522M	21.72M	16.582M	21.45M	16.582M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.63M	13.328M	15.855M	13.358M	15.69M	13.358M	15.645M	13.313M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.518M	3.12M	4.538M	3.12M	4.378M	3.12M	4.378M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	17.811M	21.63M	17.781M	21.54M	17.811M	21.75M	17.751M
5300MHz	Pass	Inf	21.78M	17.811M	21.54M	17.781M	21.63M	17.751M	21.75M	17.781M
5320MHz	Pass	Inf	21.72M	17.751M	21.57M	17.751M	21.63M	17.811M	21.63M	17.751M
5500MHz	Pass	Inf	21.84M	17.811M	21.72M	17.811M	21.54M	17.751M	21.78M	17.781M
5580MHz	Pass	Inf	21.84M	17.781M	21.45M	17.751M	21.57M	17.811M	21.69M	17.781M
5700MHz	Pass	Inf	21.75M	17.781M	21.66M	17.781M	21.48M	17.781M	21.78M	17.811M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.885M	13.943M	15.885M	13.943M	15.855M	13.928M	15.915M	13.928M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.558M	3.72M	4.498M	3.72M	4.458M	3.72M	4.458M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.5M	36.222M	39.84M	36.282M	40.08M	36.282M	39.66M	36.282M
5310MHz	Pass	Inf	40.26M	36.282M	39.84M	36.342M	39.96M	36.222M	39.96M	36.342M
5510MHz	Pass	Inf	40.38M	36.282M	39.84M	36.282M	39.96M	36.222M	39.9M	36.162M
5550MHz	Pass	Inf	40.2M	36.282M	39.84M	36.222M	39.96M	36.282M	39.84M	36.222M
5670MHz	Pass	Inf	40.2M	36.342M	39.9M	36.342M	39.96M	36.402M	39.84M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.058M	34.93M	33.058M	35M	33.058M	34.965M	33.058M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.018M	3.08M	3.838M	3.1M	3.858M	3.1M	3.858M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.08M	75.922M	81.84M	76.042M	81.72M	75.682M	82.08M	75.922M
5530MHz	Pass	Inf	81.96M	75.922M	82.2M	75.802M	81.48M	75.802M	81.72M	75.562M
5610MHz	Pass	Inf	82.08M	75.802M	81.36M	75.682M	81.48M	75.802M	81.84M	75.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.125M	72.714M	75.6M	72.564M	75.825M	72.564M	75.975M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	10.235M	3.1M	5.517M	2.94M	5.137M	3.08M	14.693M
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	102.8M	75.962M	82.4M	75.962M	82.08M	75.882M	81.2M	76.042M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.32M	75.962M	84.08M	75.962M	81.84M	75.962M	81.36M	76.042M
5570MHz	Pass	Inf	164.88M	154.963M	166.32M	154.723M	164.88M	154.963M	164.16M	154.963M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	18.981M	21.6M	18.981M	21.75M	18.981M	21.69M	18.921M
5300MHz	Pass	Inf	21.66M	18.981M	21.72M	19.01M	21.6M	18.951M	21.63M	18.981M
5320MHz	Pass	Inf	21.6M	18.951M	21.63M	18.981M	21.75M	18.981M	21.63M	18.951M
5500MHz	Pass	Inf	21.75M	19.01M	21.66M	18.981M	21.75M	19.04M	21.6M	18.981M
5580MHz	Pass	Inf	21.57M	18.981M	21.48M	18.951M	21.75M	19.01M	21.66M	18.981M
5700MHz	Pass	Inf	21.72M	19.01M	21.39M	19.01M	21.39M	18.981M	21.84M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.825M	14.558M	15.75M	14.558M	15.765M	14.543M	15.75M	14.528M



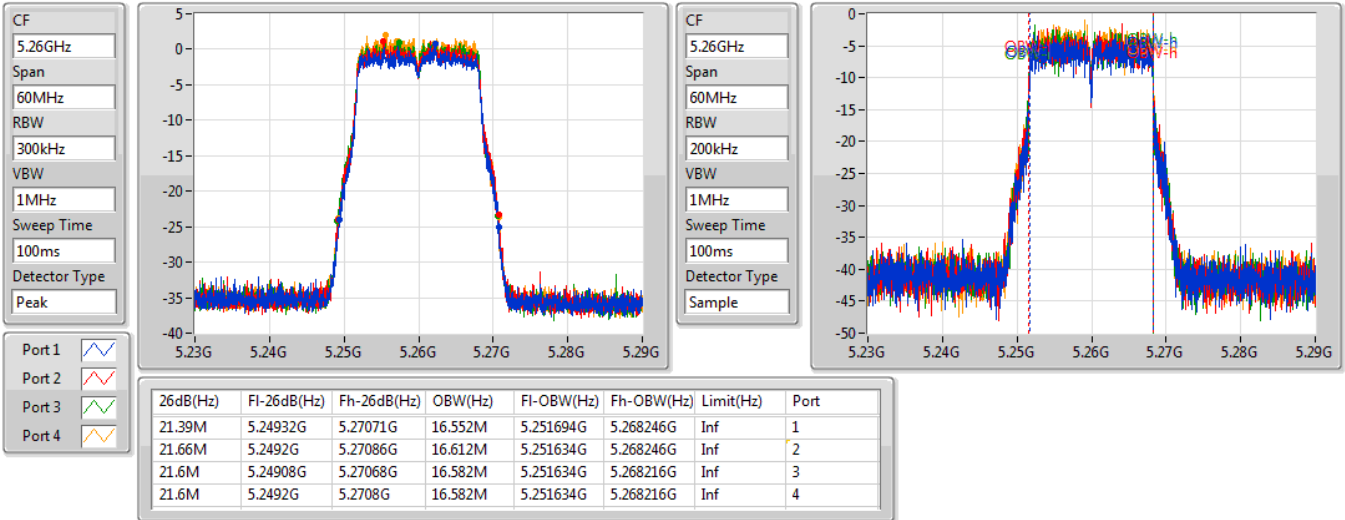
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.498M	4.4M	4.538M	4.36M	4.518M	4.48M	4.578M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.84M	37.601M	39.96M	37.541M	40.14M	37.481M	40.08M	37.541M
5310MHz	Pass	Inf	39.96M	37.541M	39.78M	37.541M	40.08M	37.601M	39.96M	37.601M
5510MHz	Pass	Inf	39.84M	37.601M	39.78M	37.601M	40.02M	37.661M	40.2M	37.541M
5550MHz	Pass	Inf	39.9M	37.541M	39.78M	37.541M	40.14M	37.421M	40.2M	37.661M
5670MHz	Pass	Inf	39.9M	37.541M	39.84M	37.661M	40.08M	37.601M	40.14M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.105M	33.723M	34.93M	33.723M	35.14M	33.723M	35.07M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.68M	4.038M	3.78M	4.018M	3.66M	4.038M	3.8M	3.998M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.08M	77.121M	82.2M	76.882M	82.2M	77.001M	81.84M	77.121M
5530MHz	Pass	Inf	82.32M	77.241M	82.32M	77.241M	82.2M	77.121M	81.6M	77.121M
5610MHz	Pass	Inf	82.32M	77.241M	82.32M	77.241M	82.32M	77.241M	81.48M	77.241M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	73.463M	75.975M	73.313M	76.275M	73.163M	75.975M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	6.457M	3.74M	4.638M	3.66M	4.318M	3.7M	7.736M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.321M	80.64M	77.321M	81.92M	77.321M	81.68M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.68M	77.401M	82.08M	77.321M	81.52M	77.321M	81.76M	77.401M
5570MHz	Pass	Inf	166.32M	155.682M	166.32M	156.402M	165.36M	155.922M	166.08M	155.682M

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

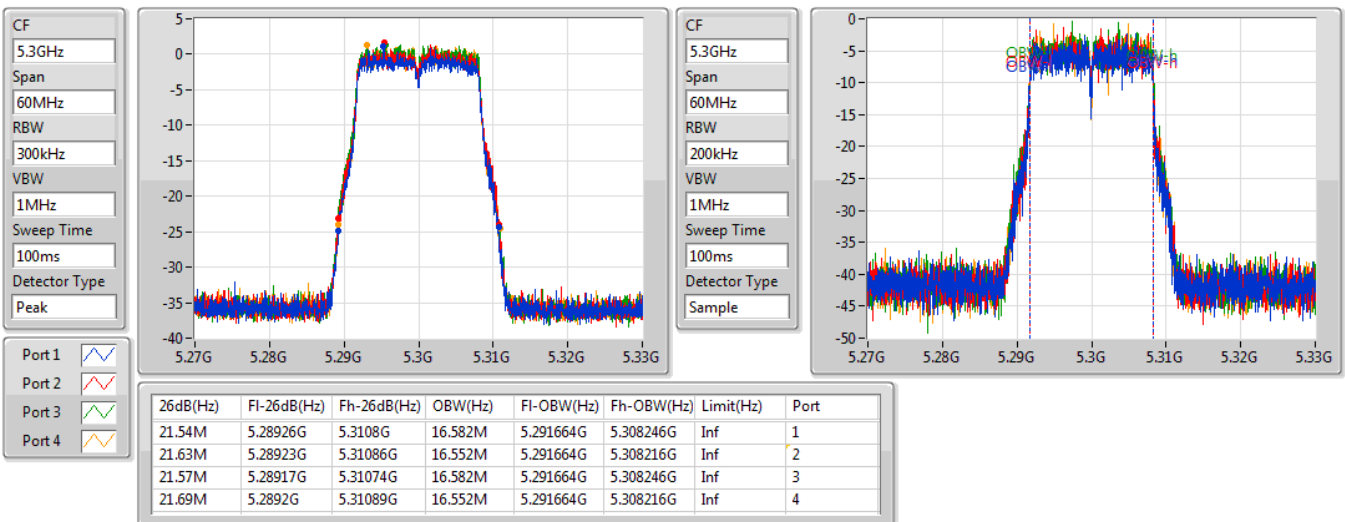
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

02/11/2019

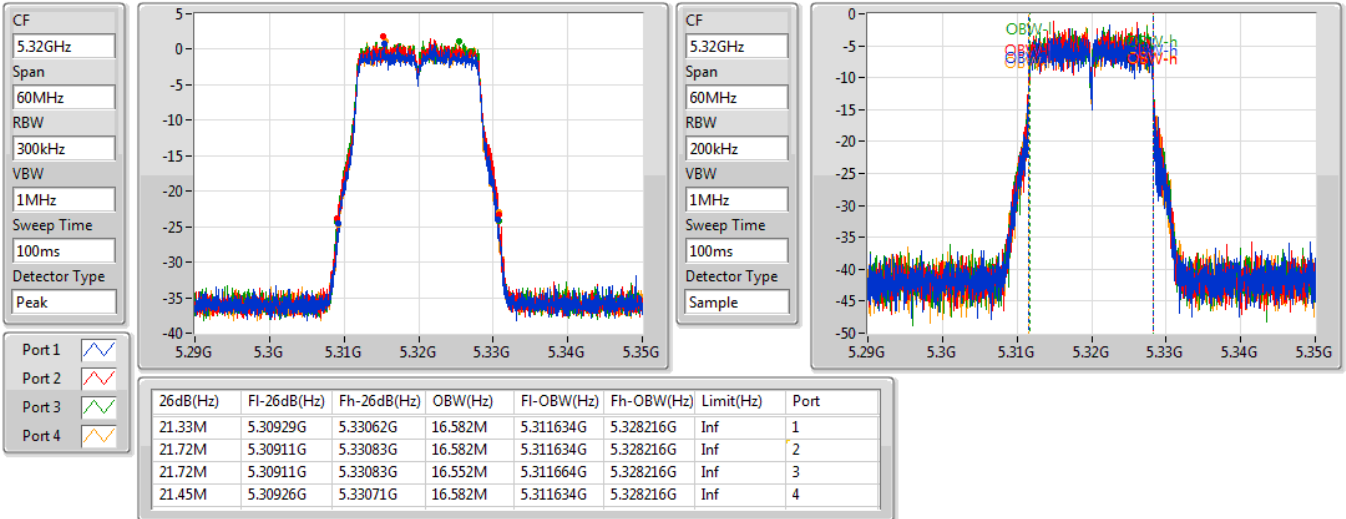

802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

02/11/2019

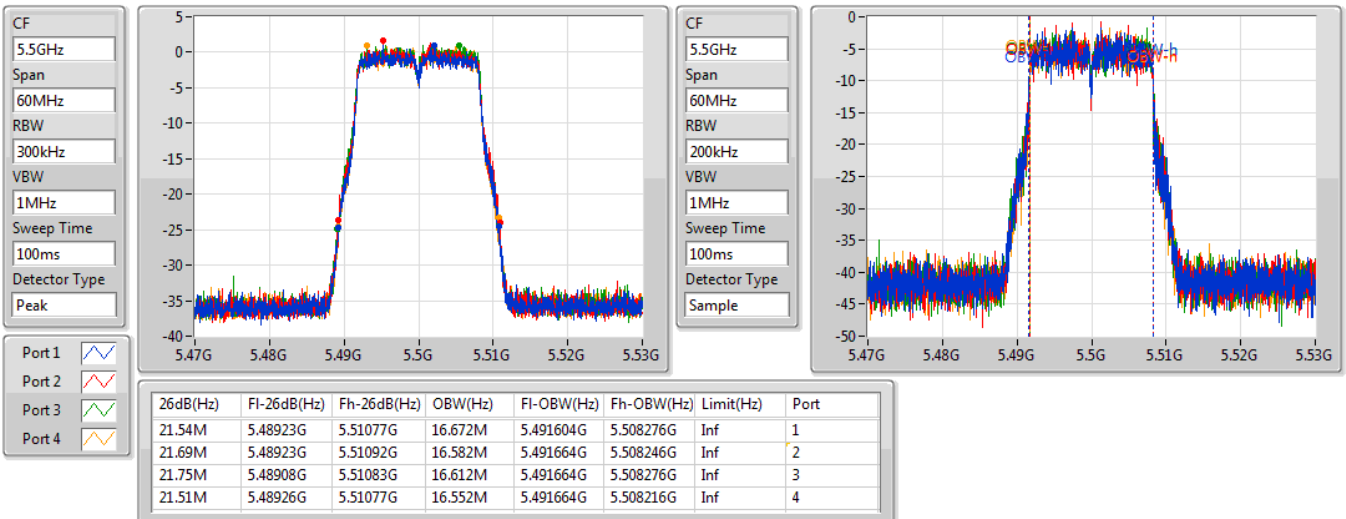


802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

02/11/2019

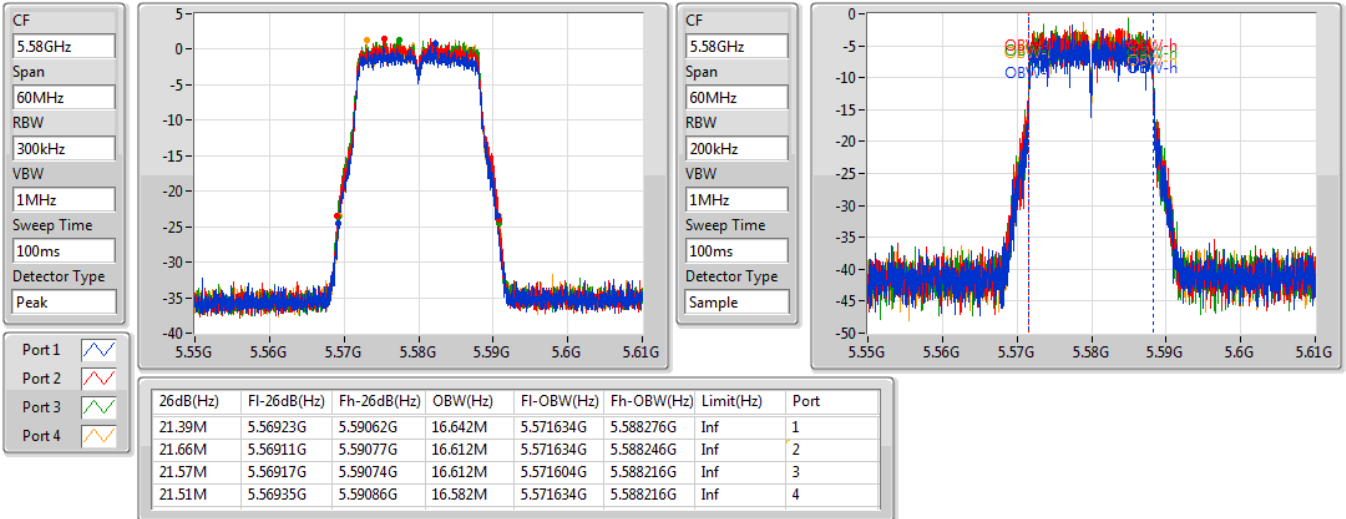

802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

02/11/2019

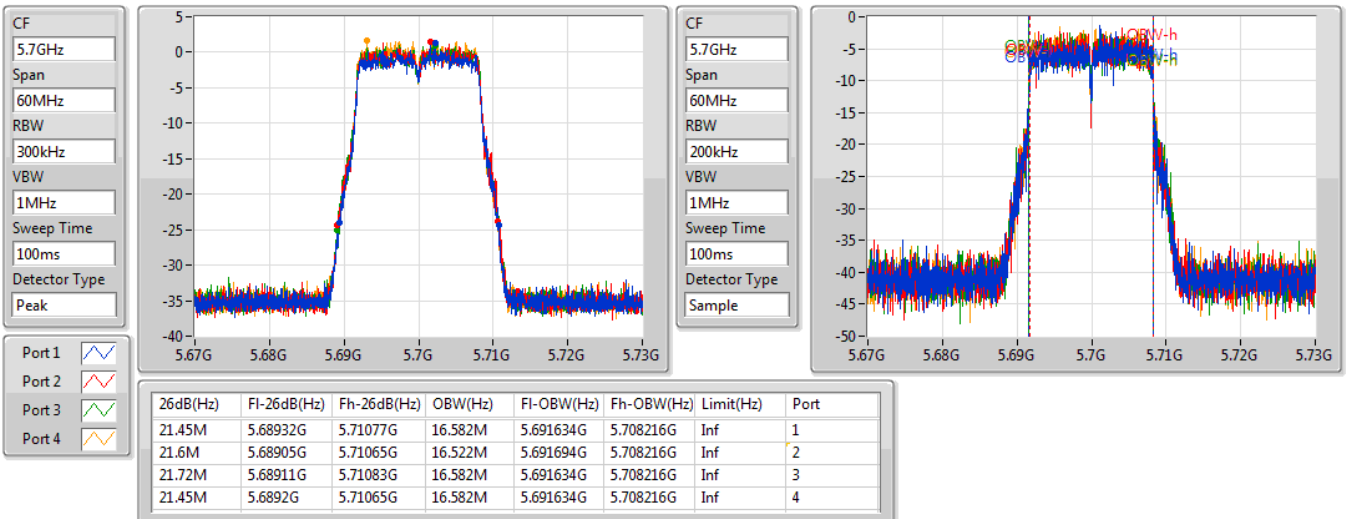


802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

02/11/2019

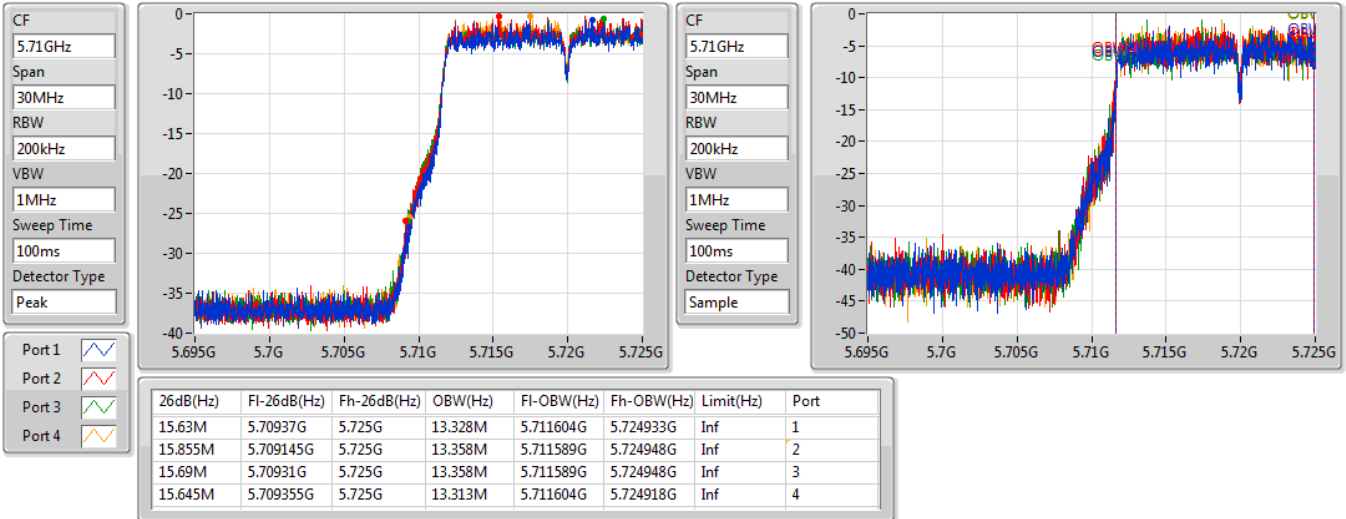

802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

02/11/2019

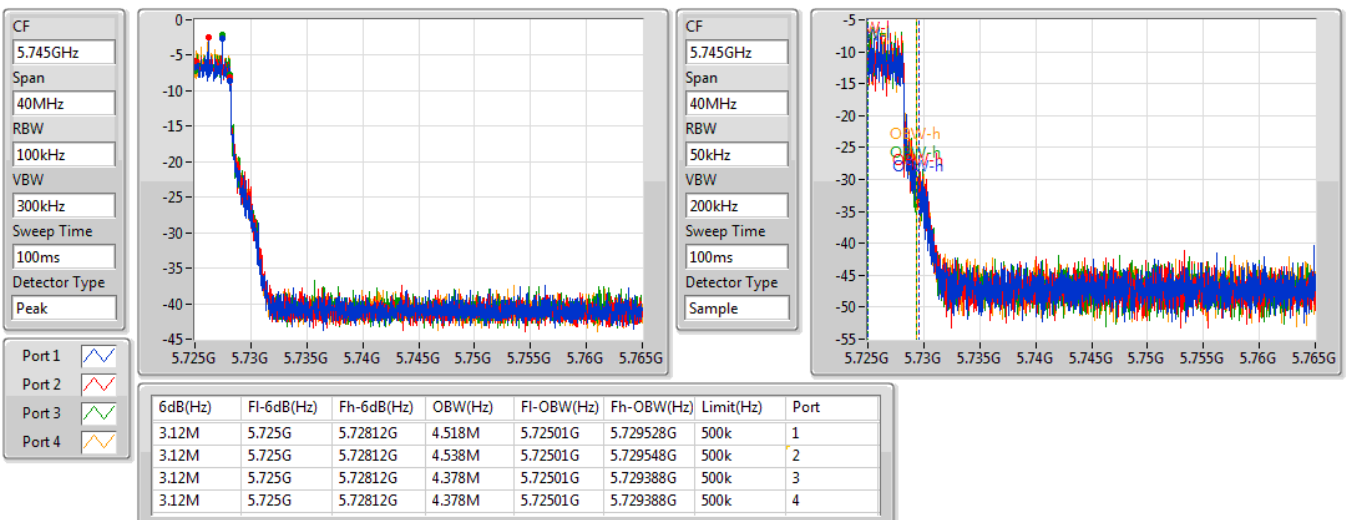


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

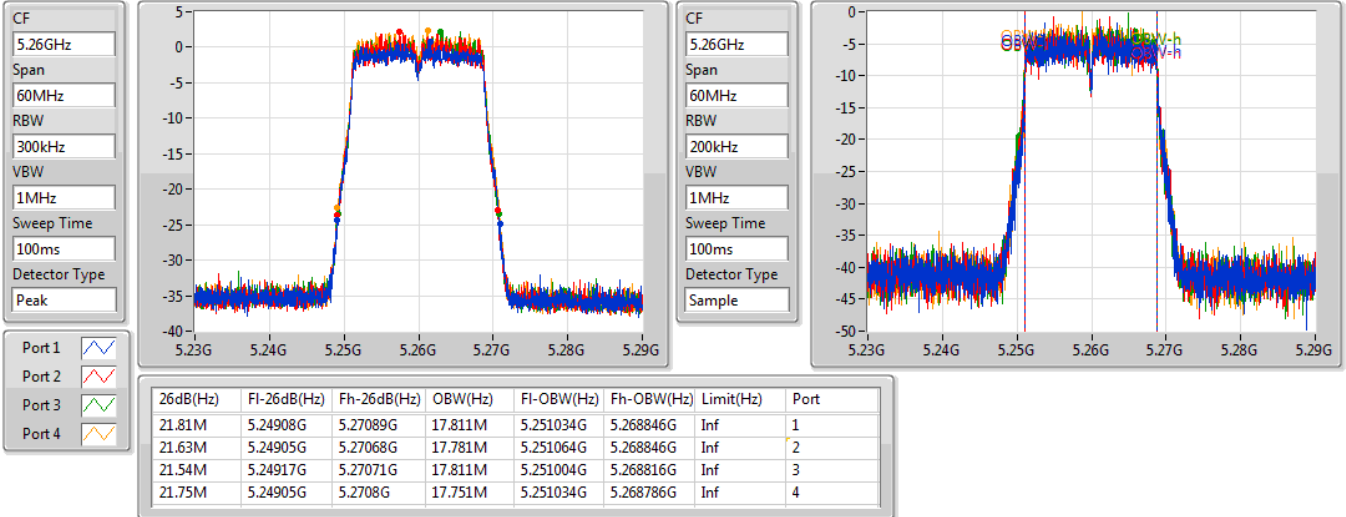

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

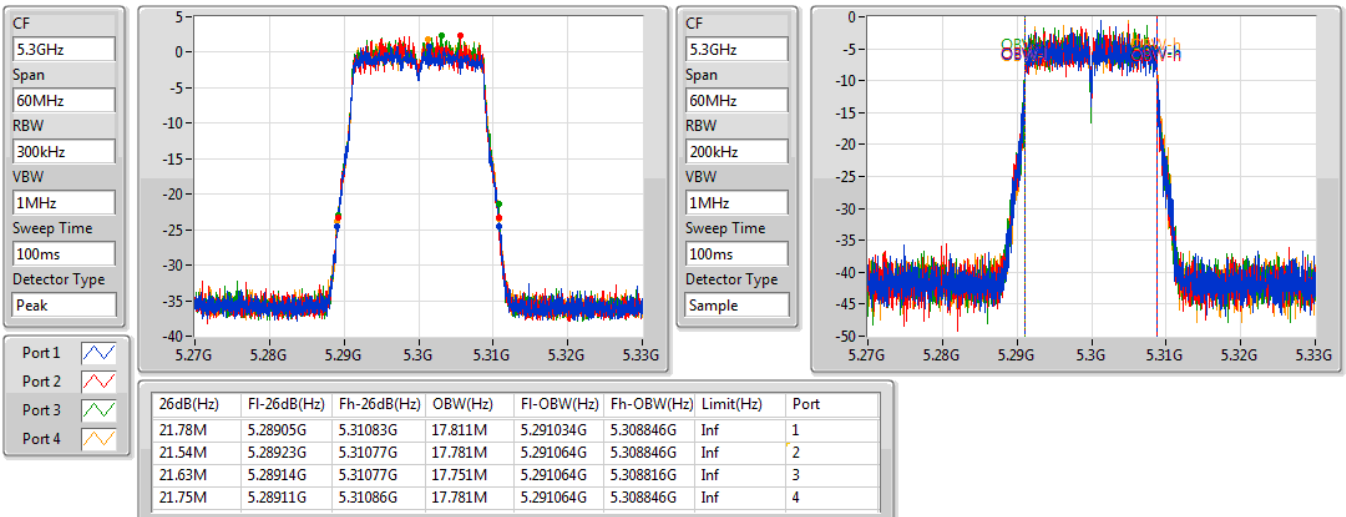


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

03/11/2019

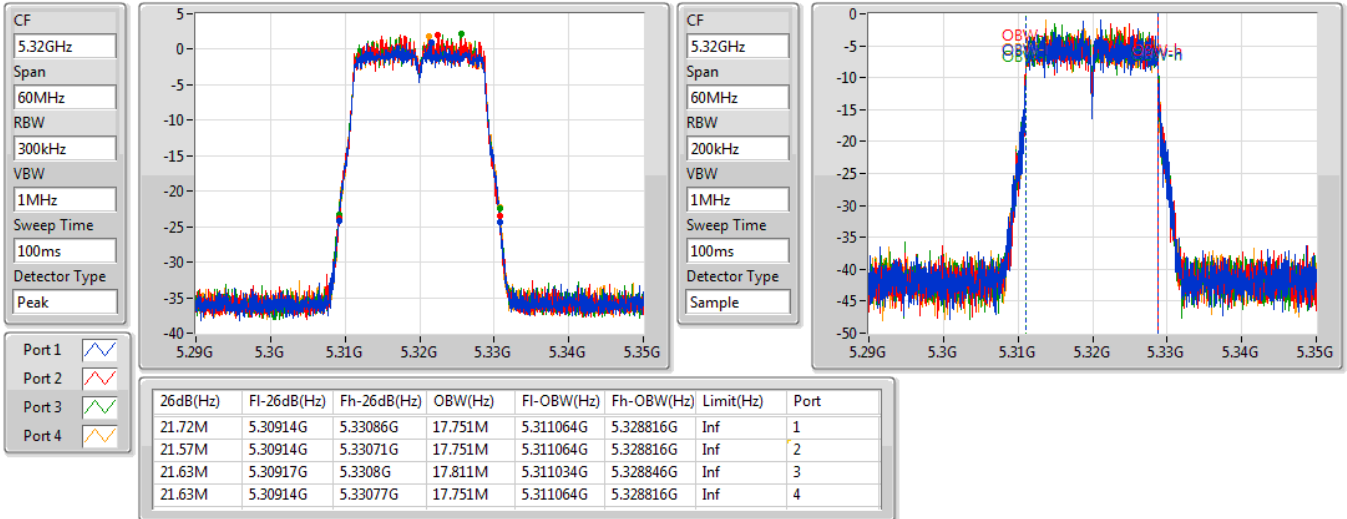

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

03/11/2019

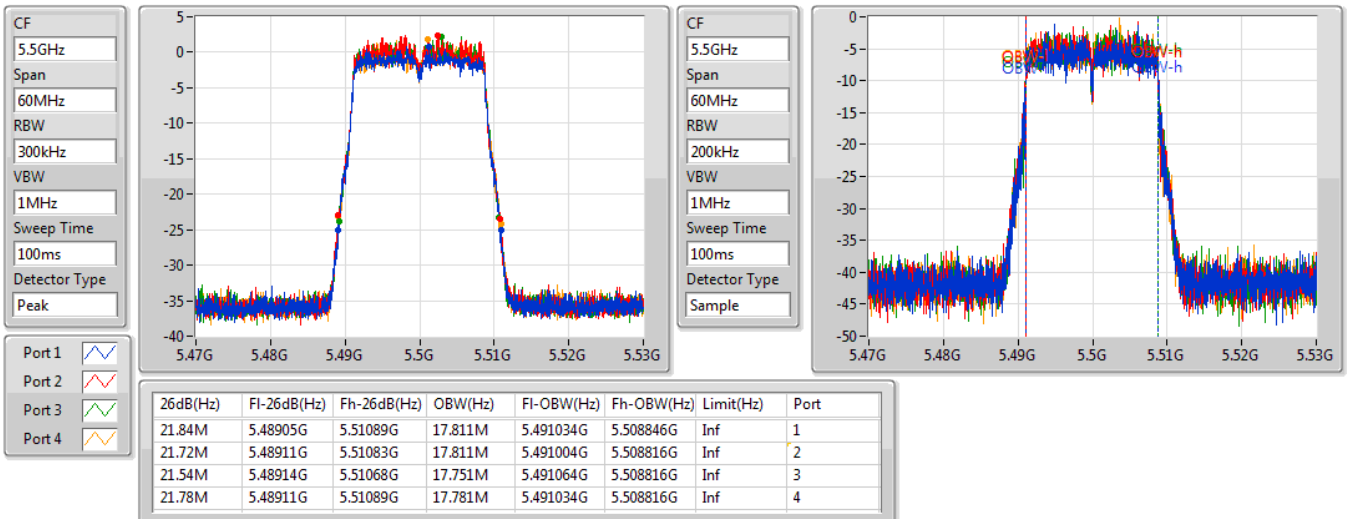


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

03/11/2019

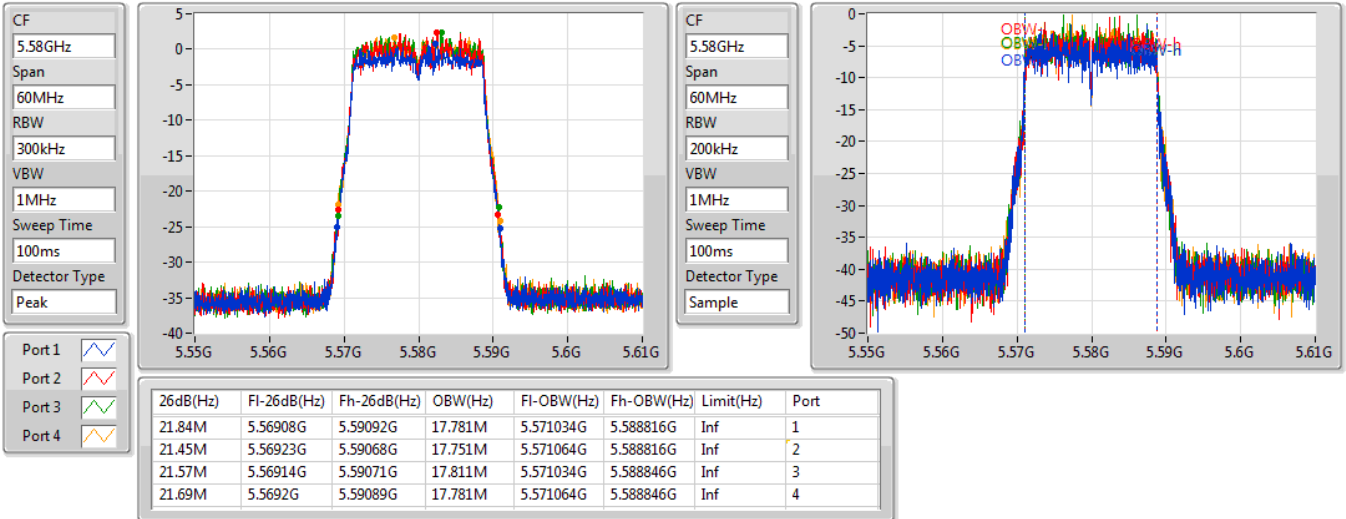

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5500MHz

03/11/2019

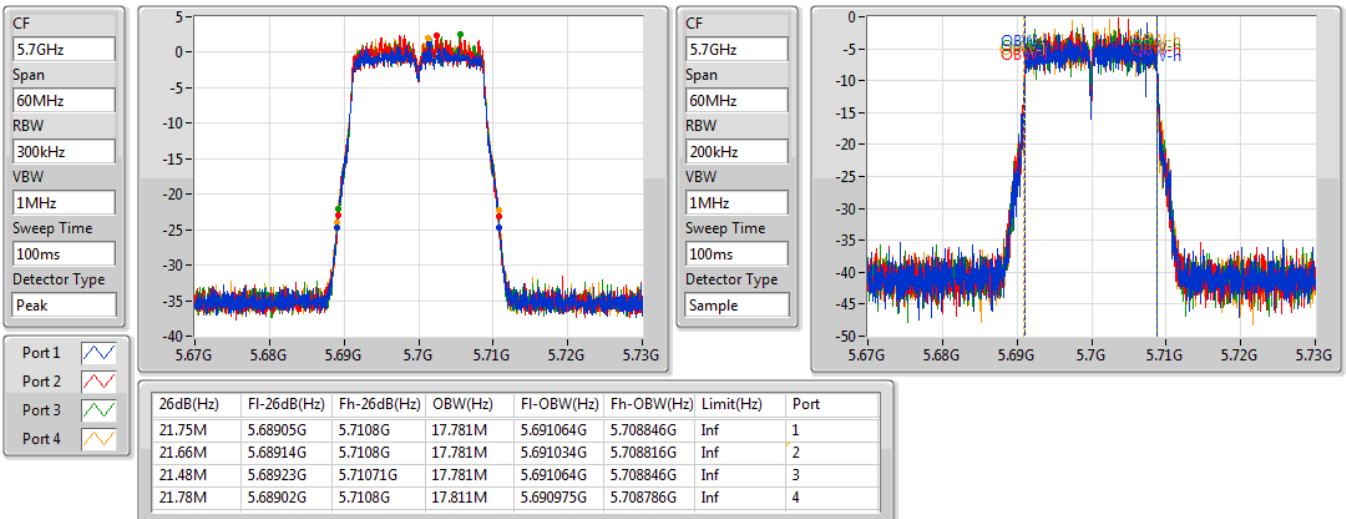


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5580MHz

03/11/2019

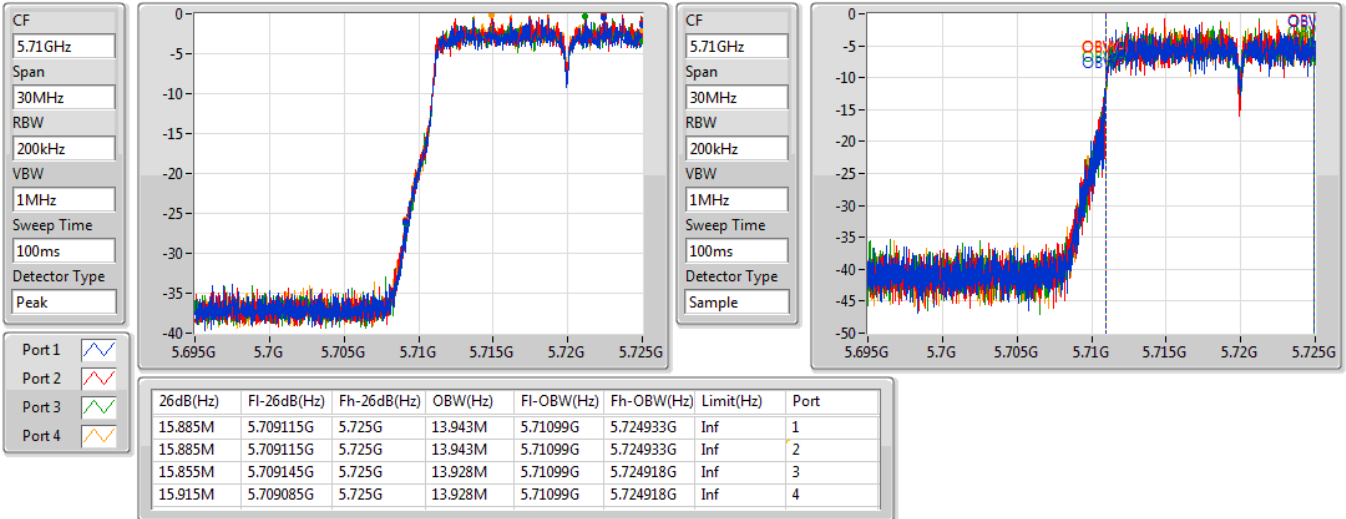

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5700MHz

03/11/2019

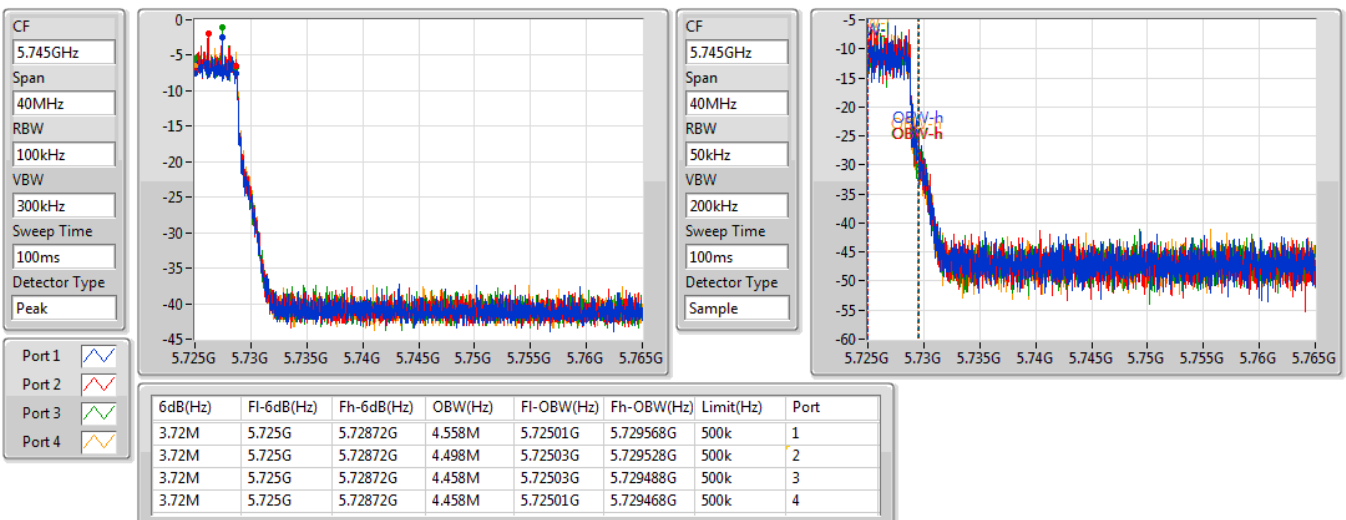


802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

03/11/2019

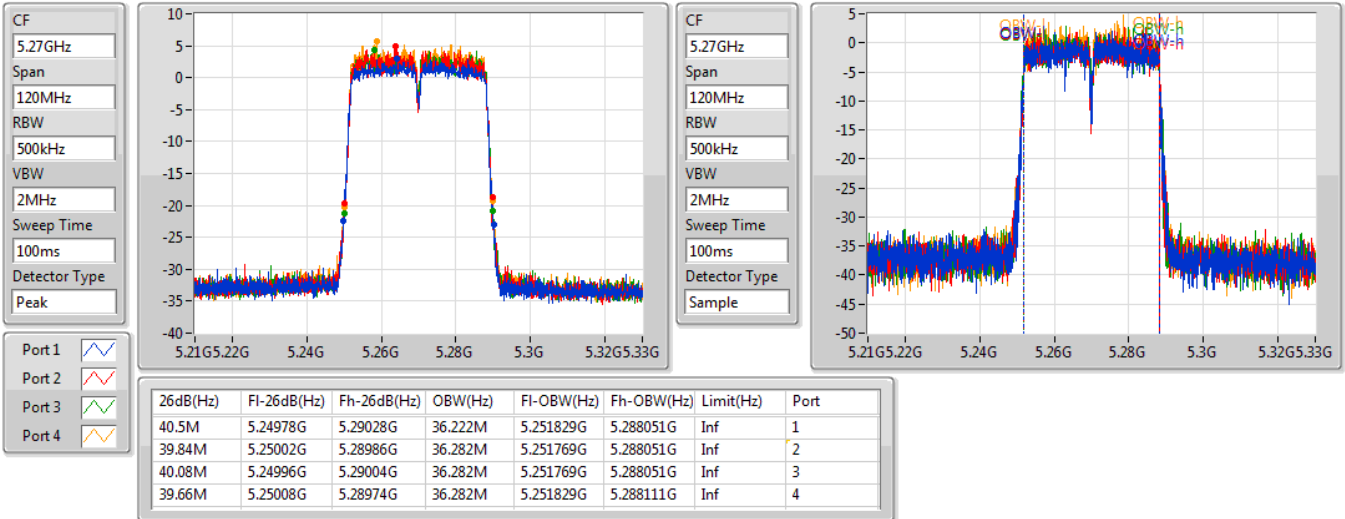

802.11ac VHT20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

03/11/2019

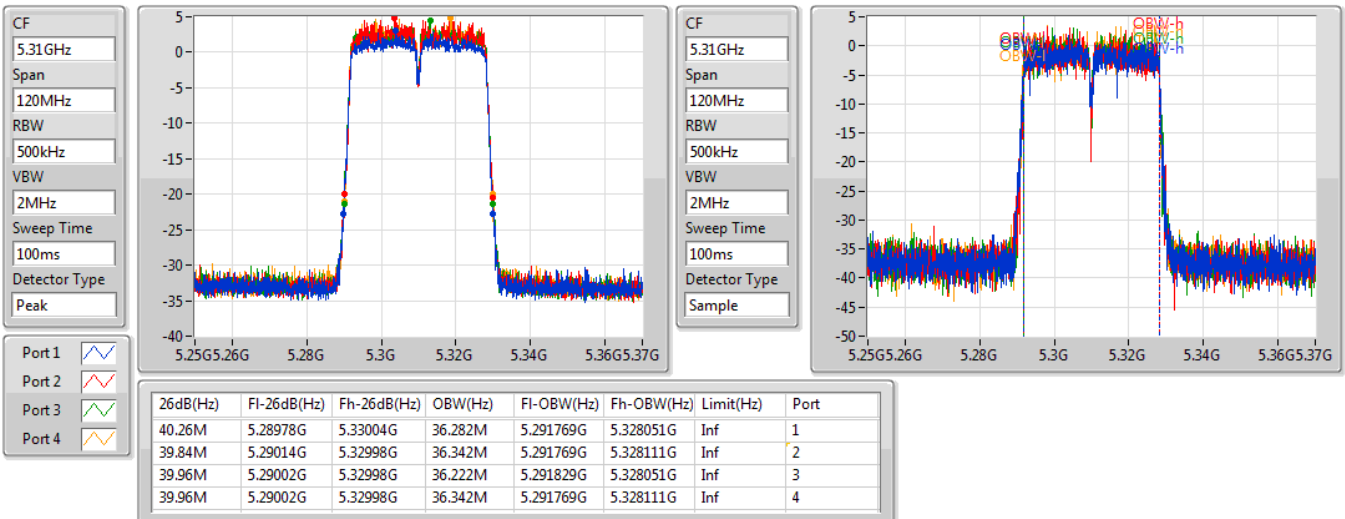


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

03/11/2019

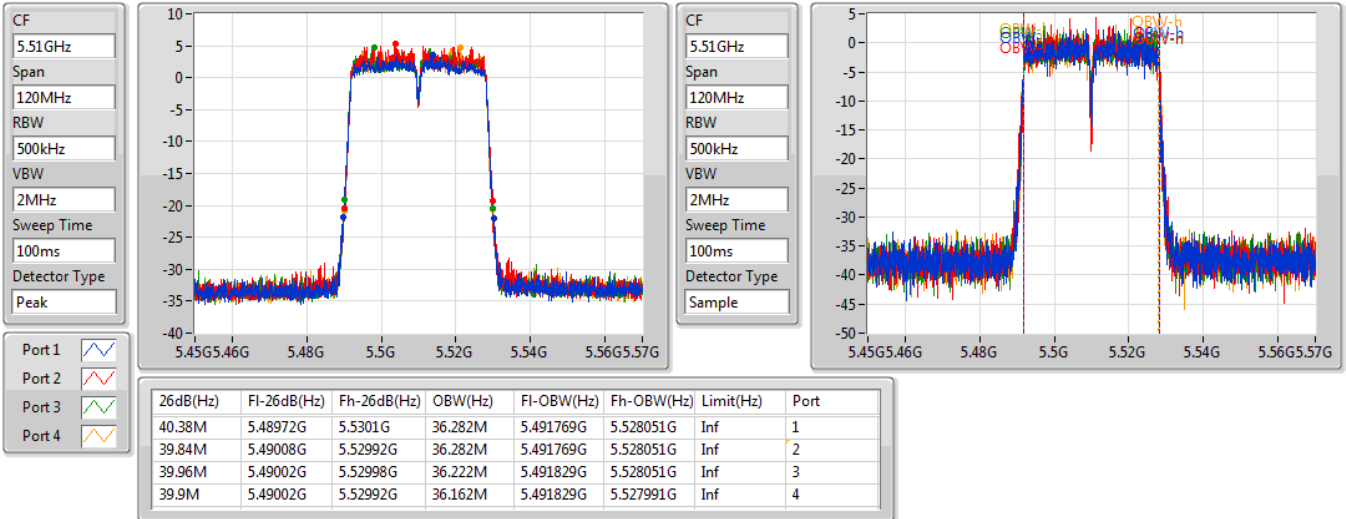

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

03/11/2019

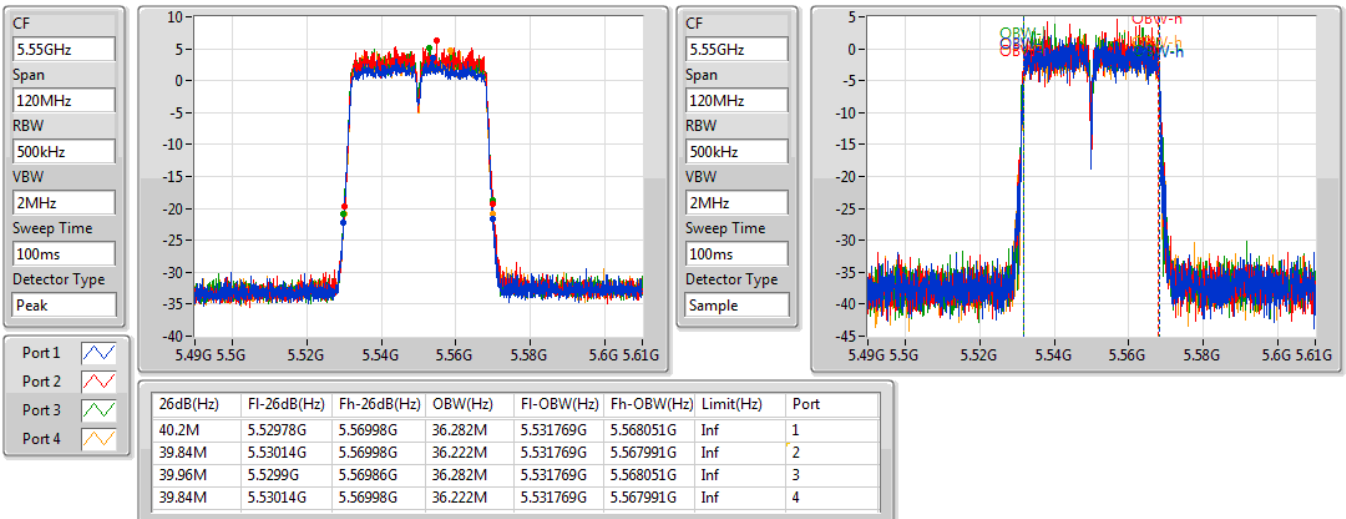


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5510MHz

03/11/2019

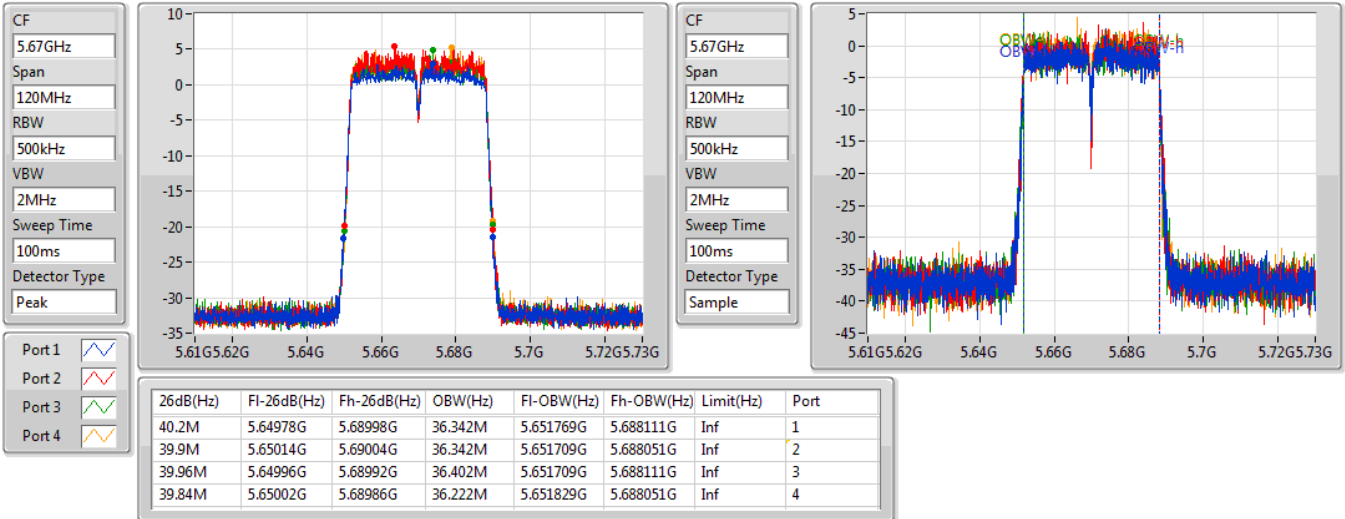

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5550MHz

03/11/2019

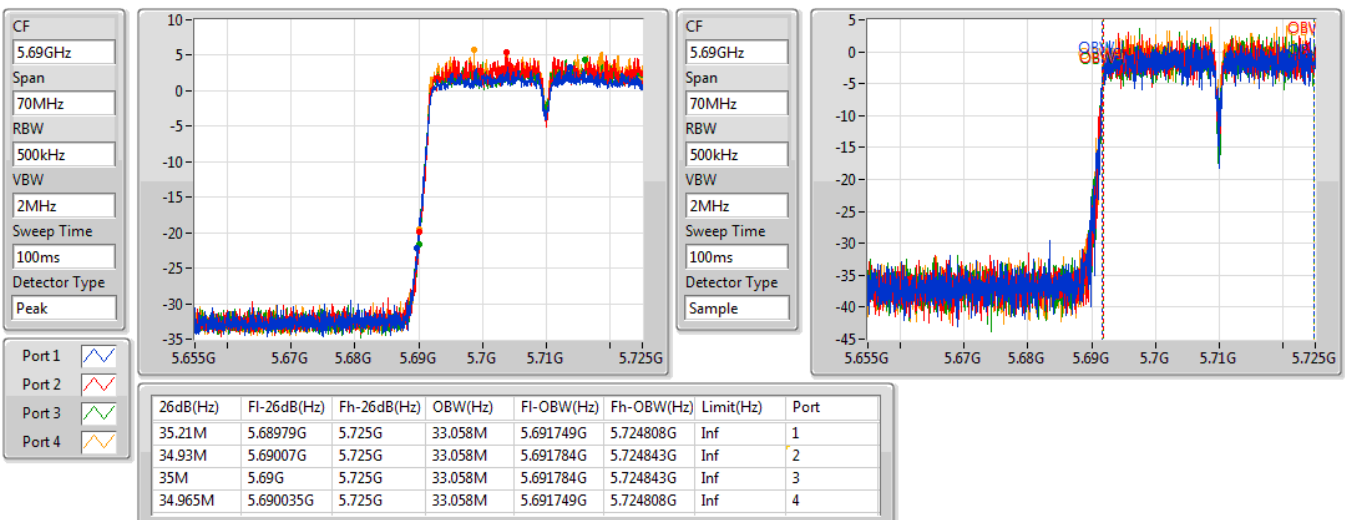


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5670MHz

03/11/2019

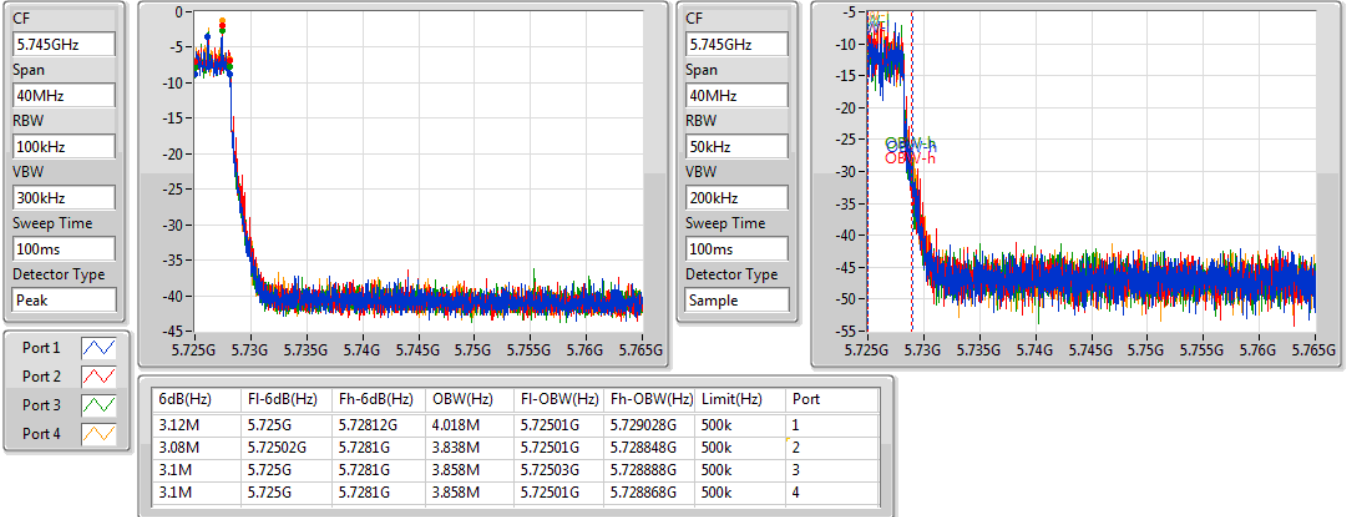

802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

03/11/2019

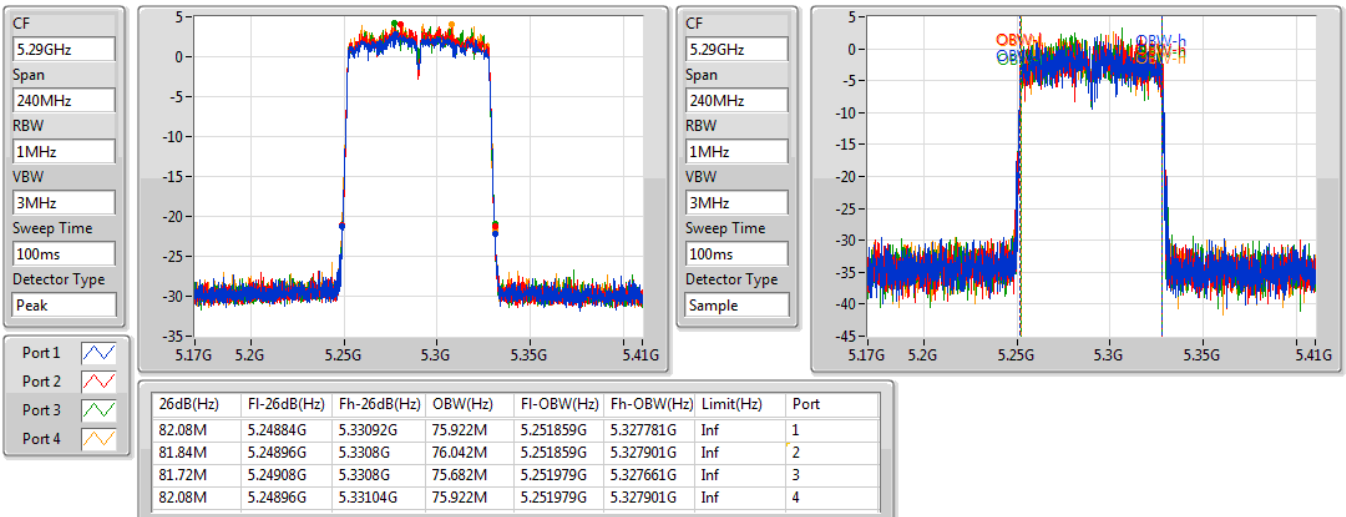


802.11ac VHT40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

03/11/2019

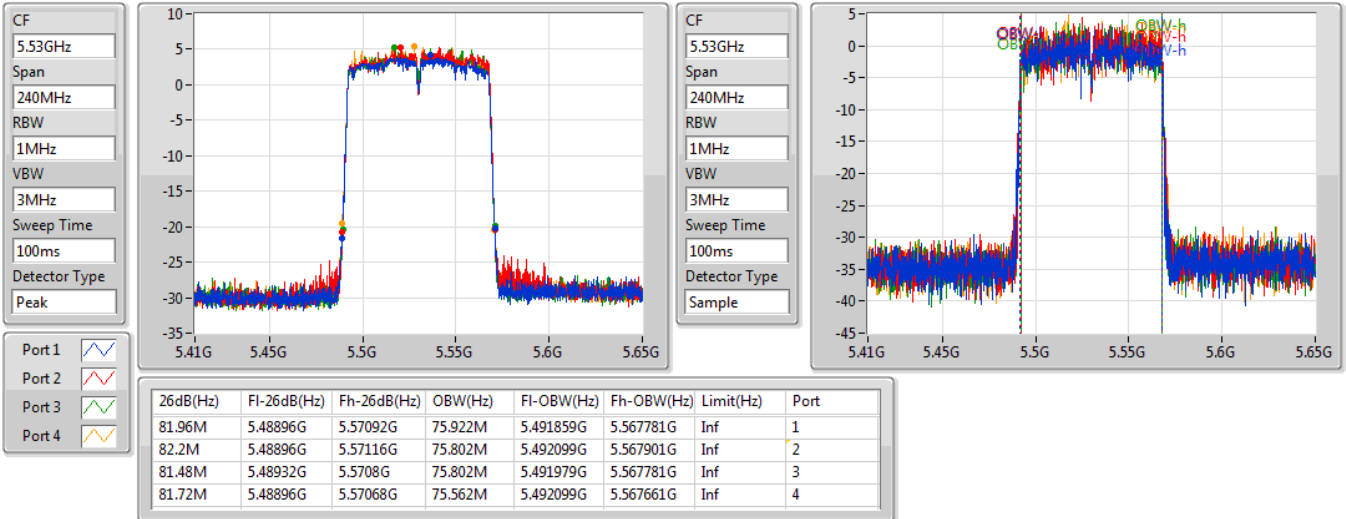

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5290MHz

03/11/2019

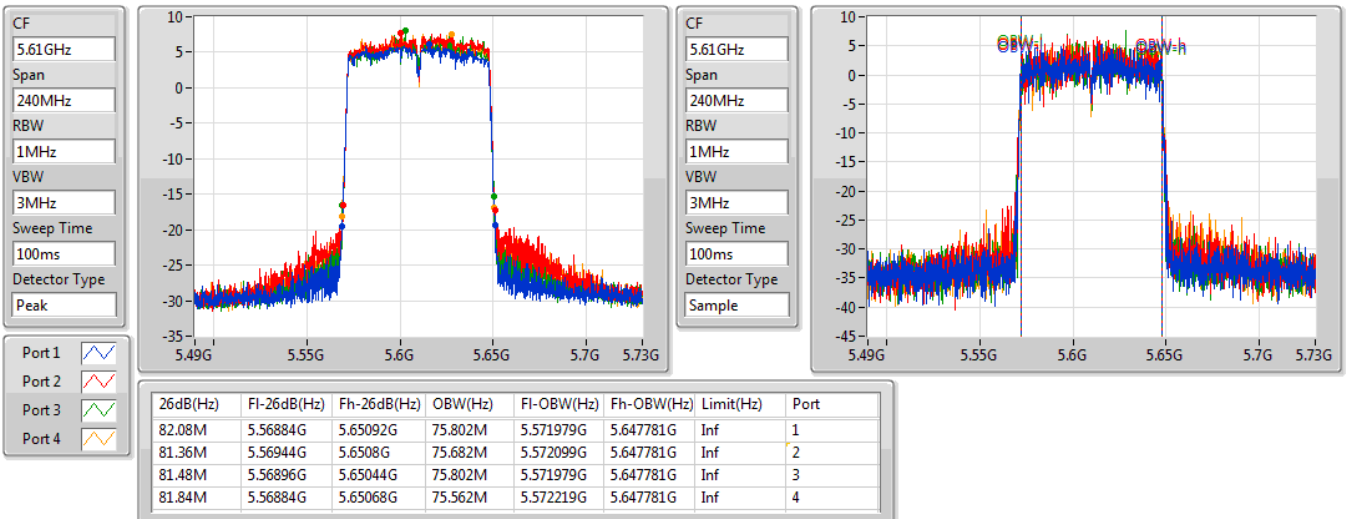


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5530MHz

03/11/2019

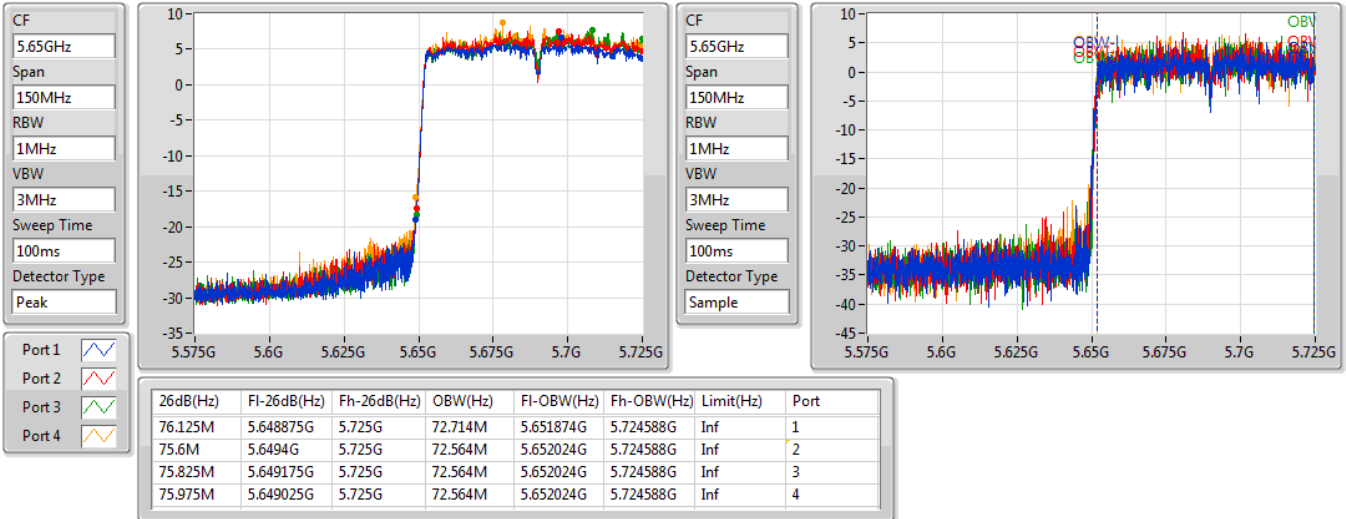

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5610MHz

03/11/2019

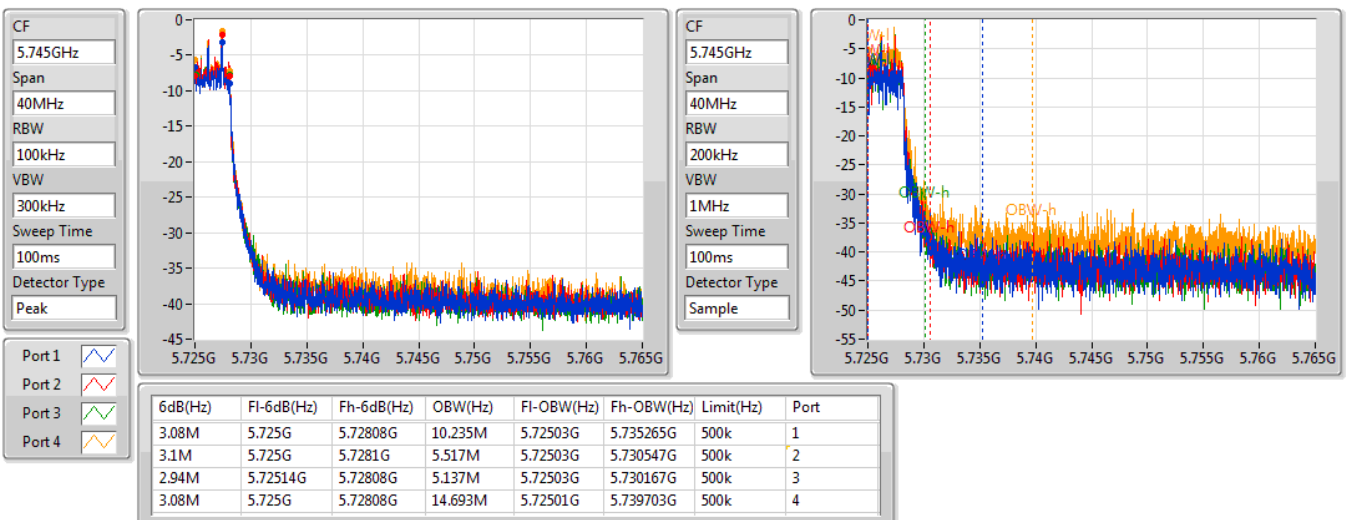


802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

03/11/2019

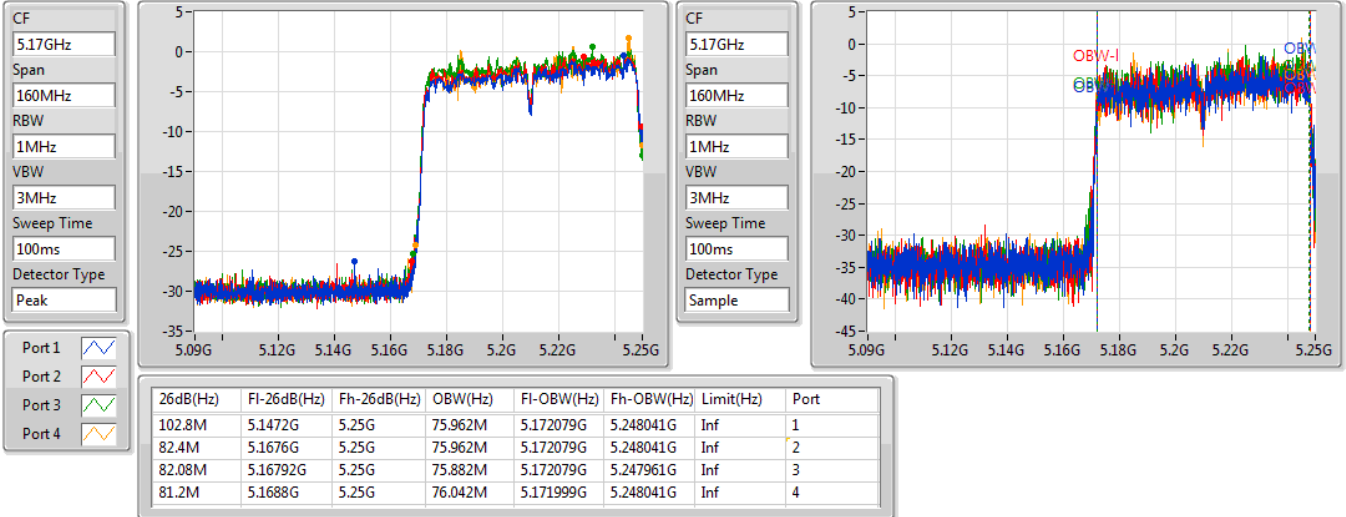

802.11ac VHT80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

03/11/2019

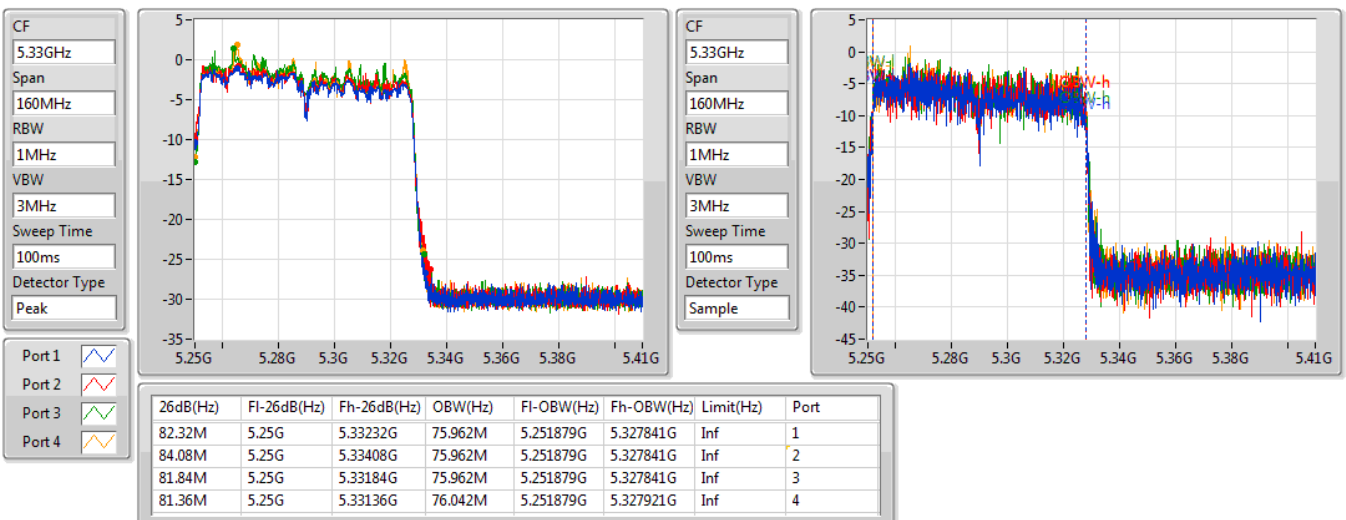


802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

03/11/2019

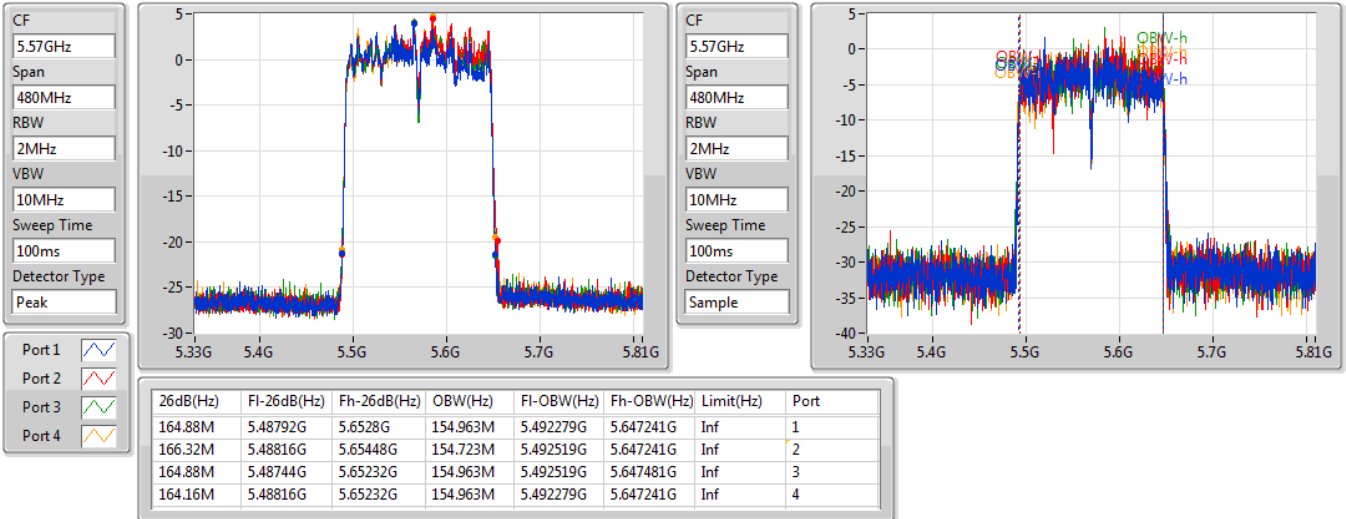

802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

03/11/2019

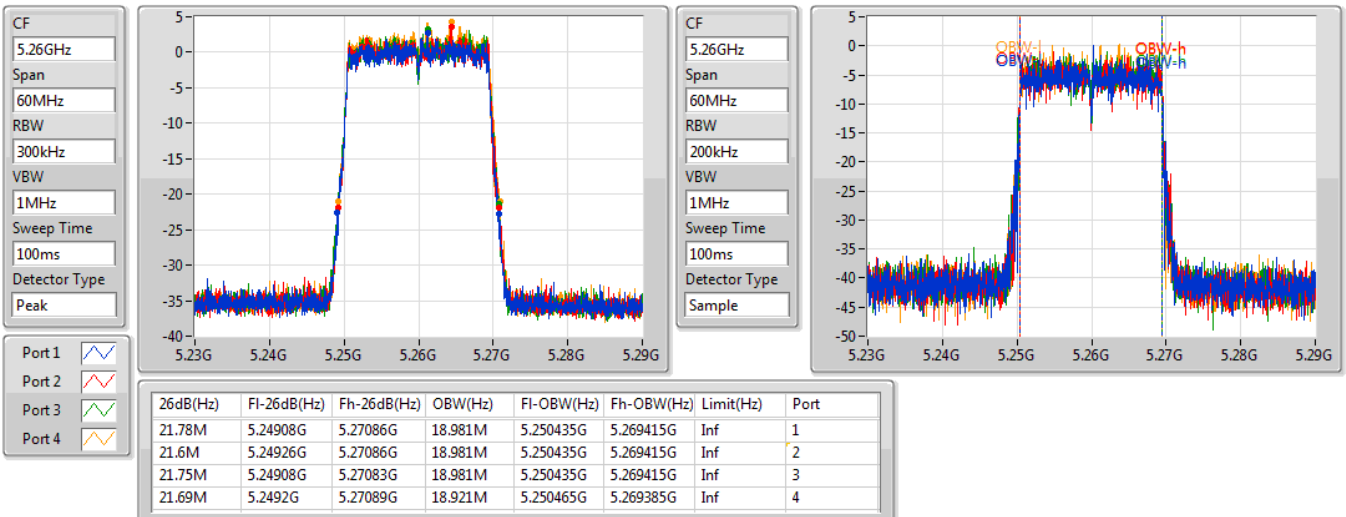


802.11ac VHT160_Nss1,(MCS0)_4TX
EBW
5570MHz

03/11/2019

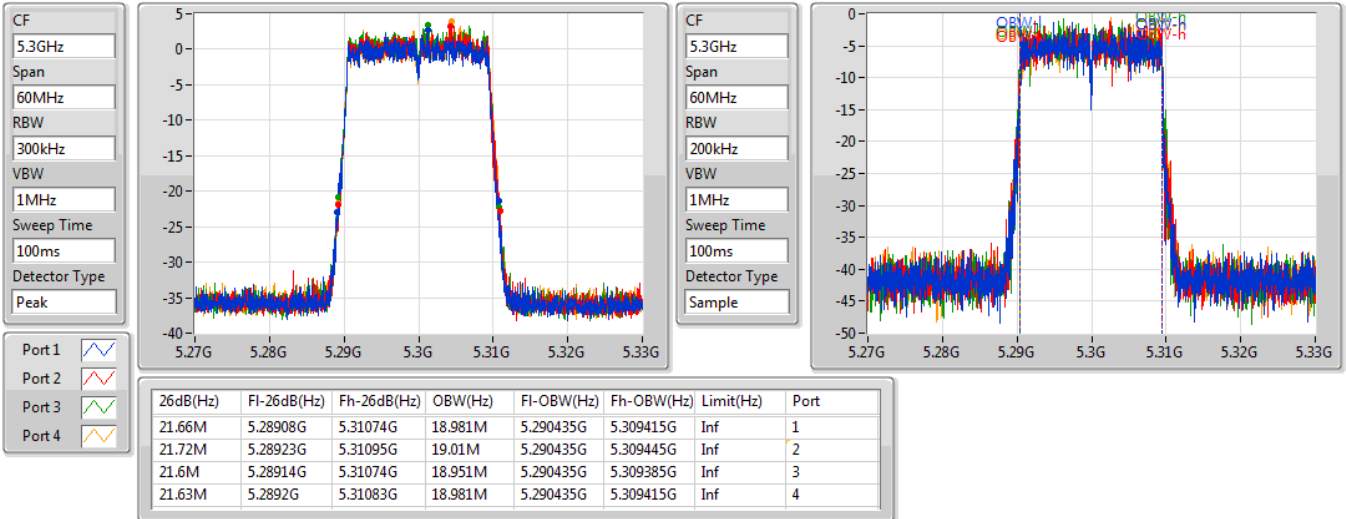

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5260MHz

02/11/2019

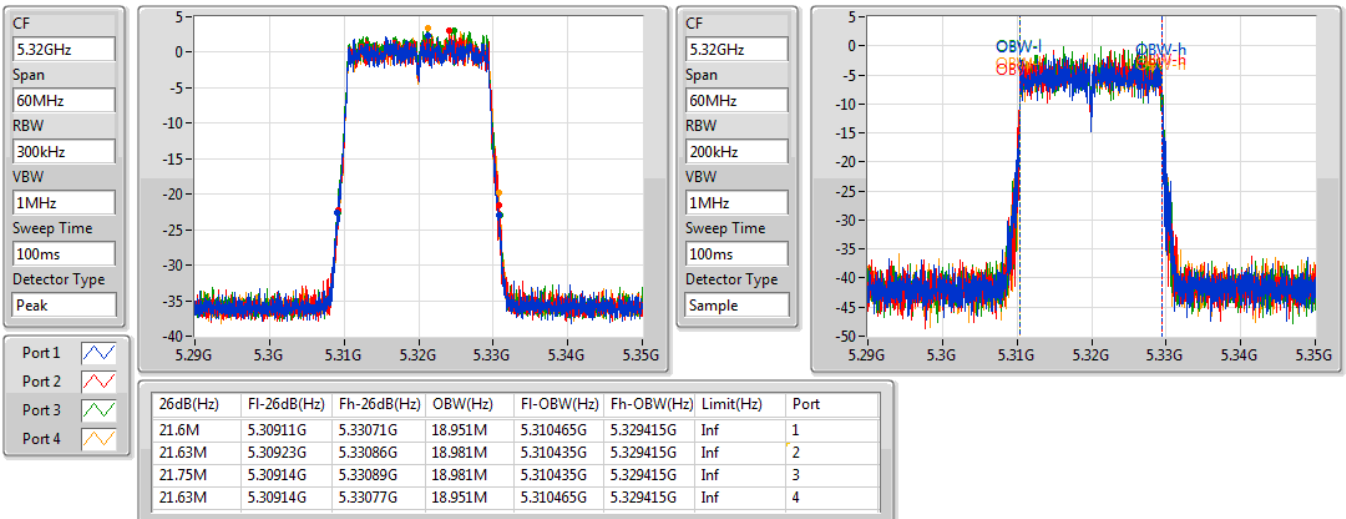


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

02/11/2019

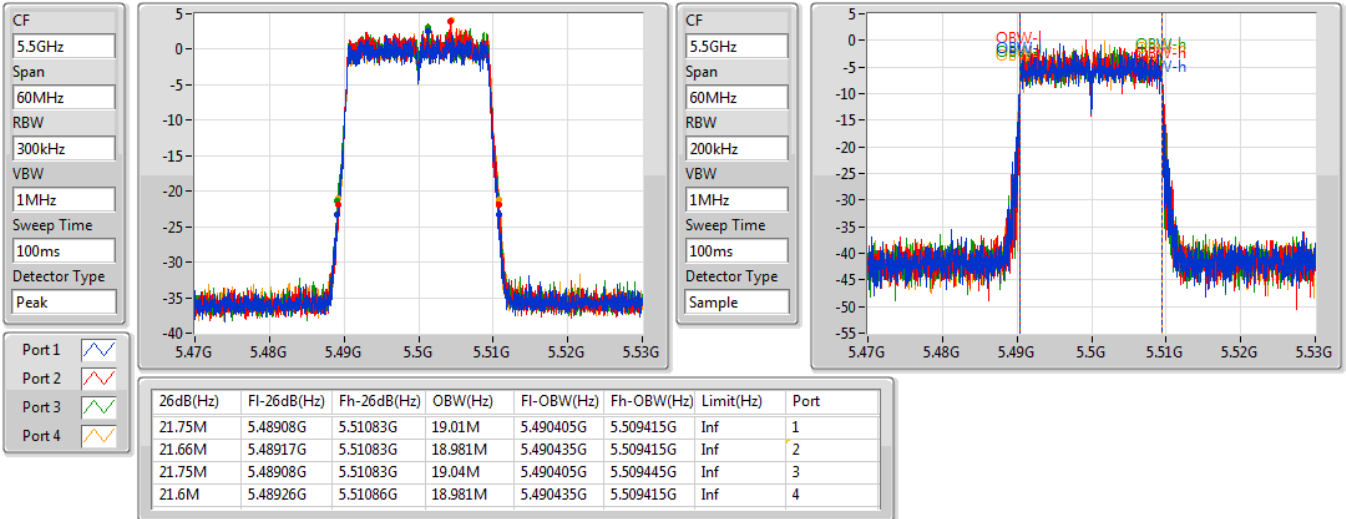

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

02/11/2019

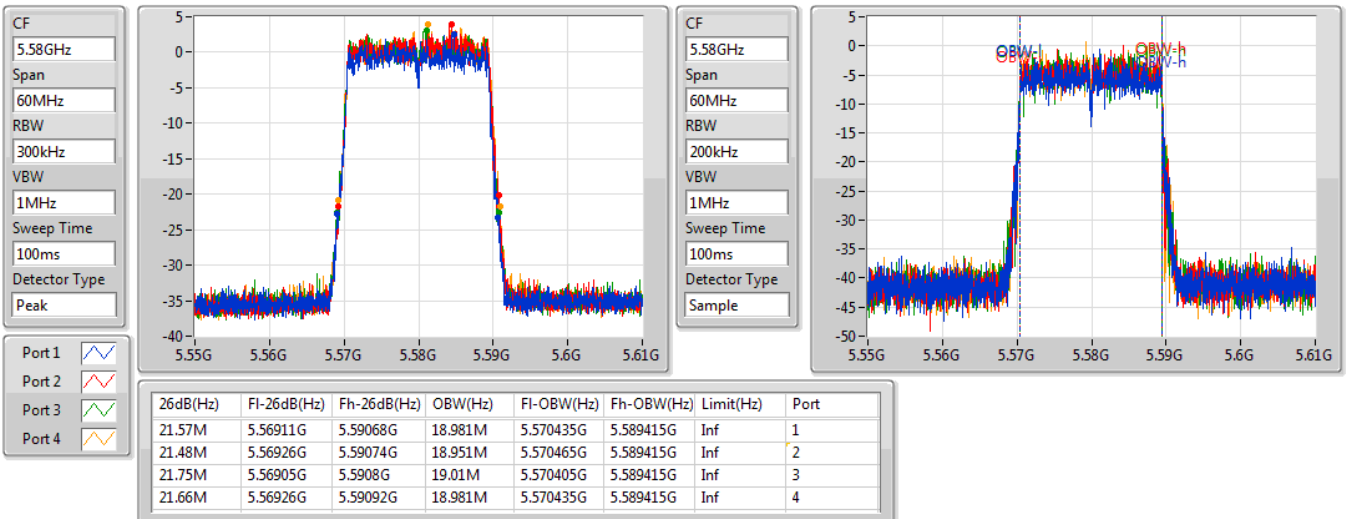


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5500MHz

02/11/2019

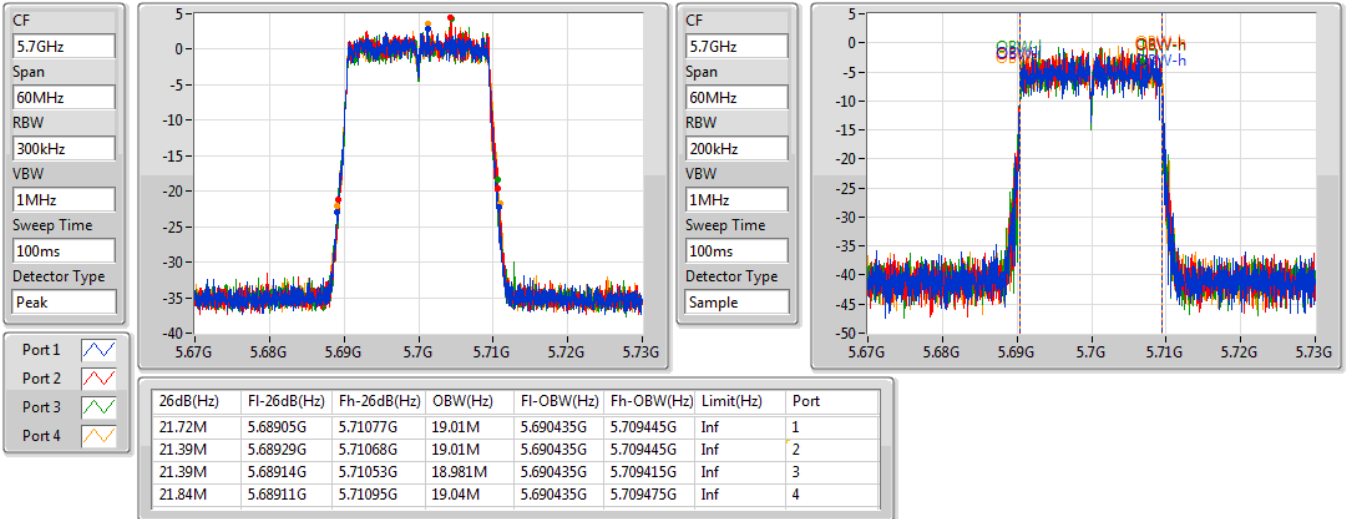

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5580MHz

02/11/2019

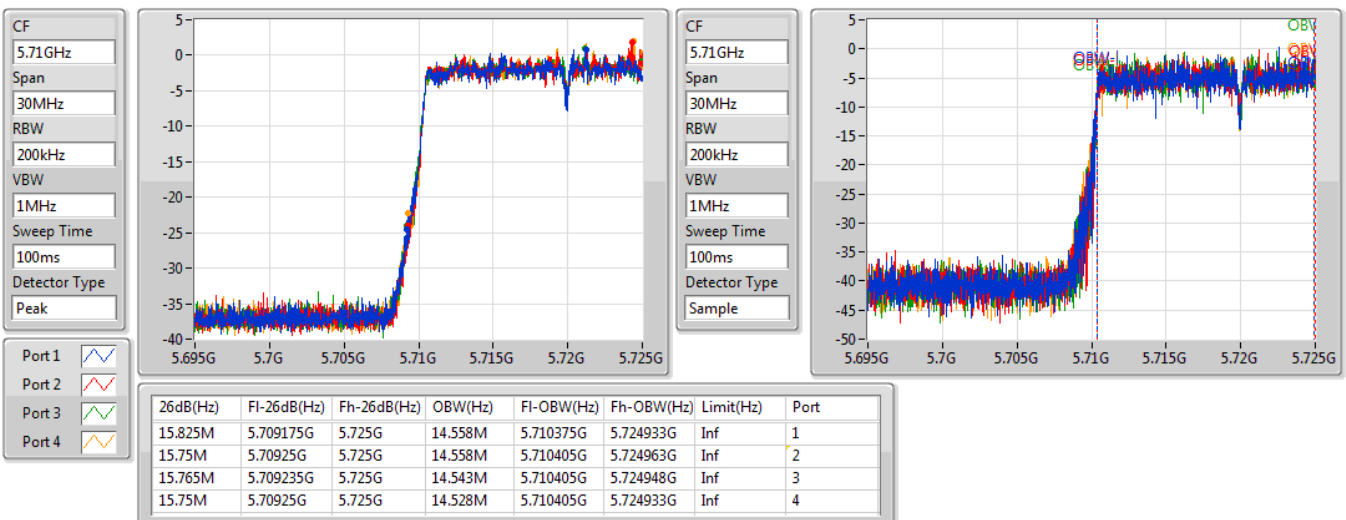


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5700MHz

02/11/2019

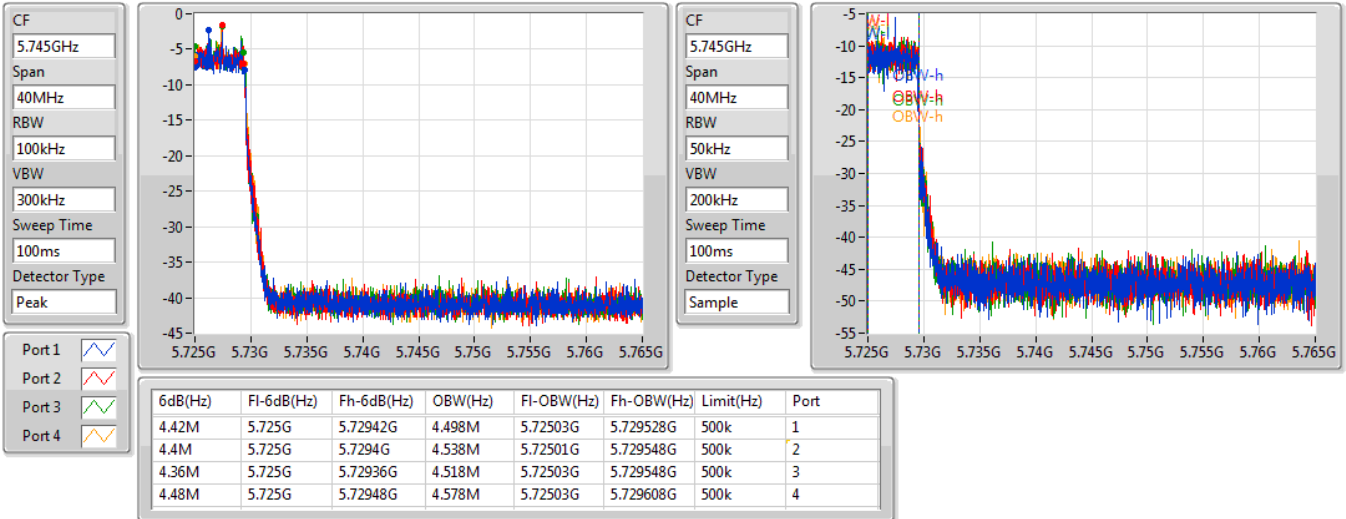

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/11/2019

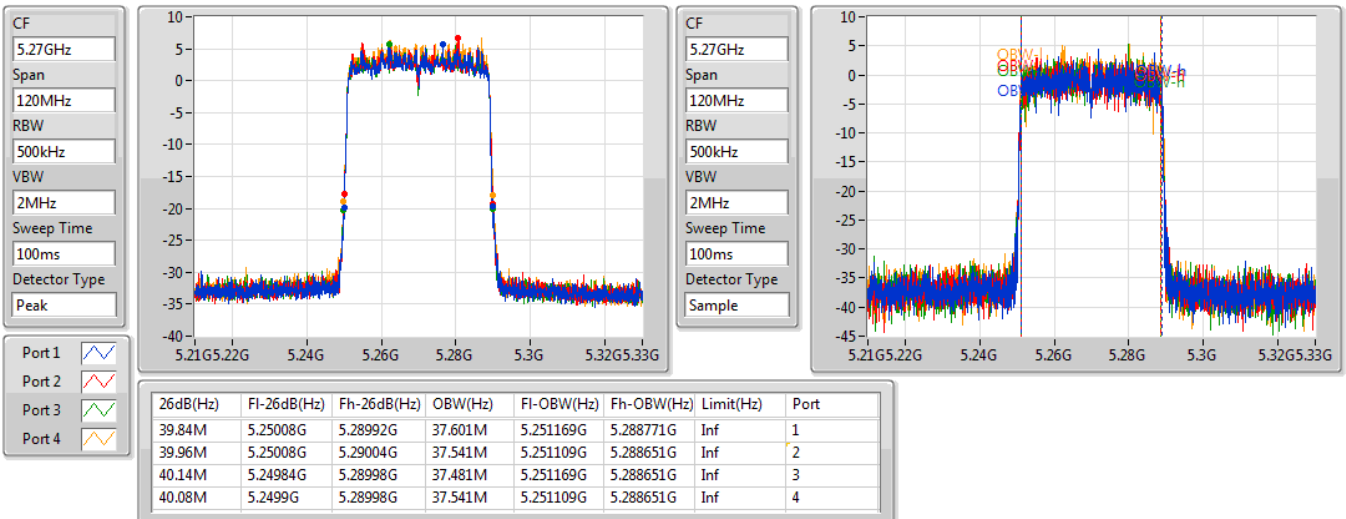


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/11/2019

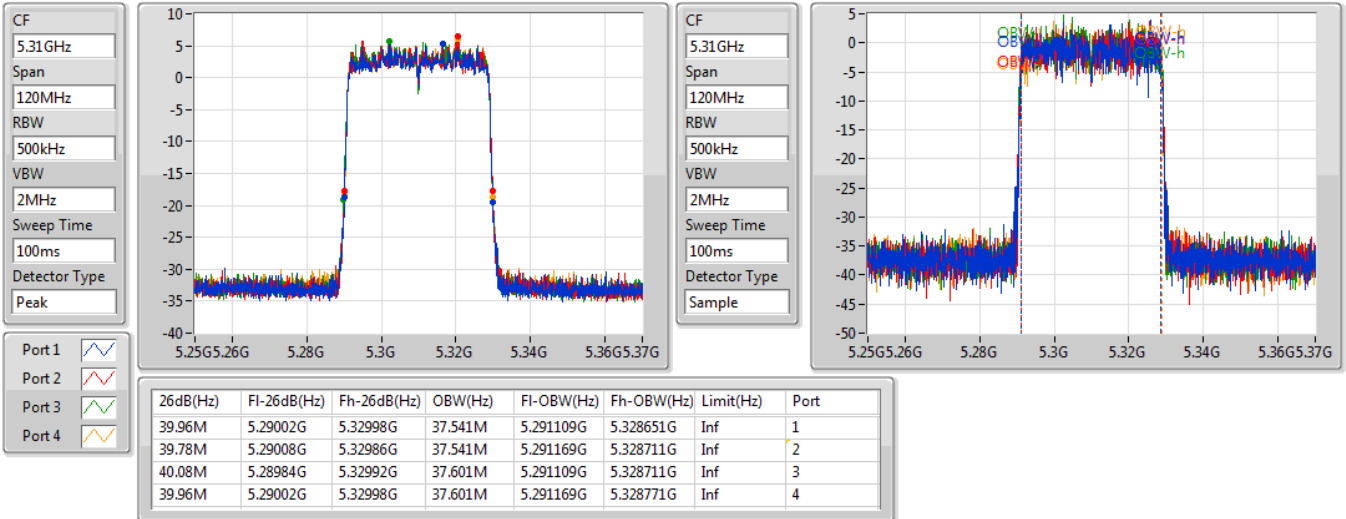

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

03/11/2019

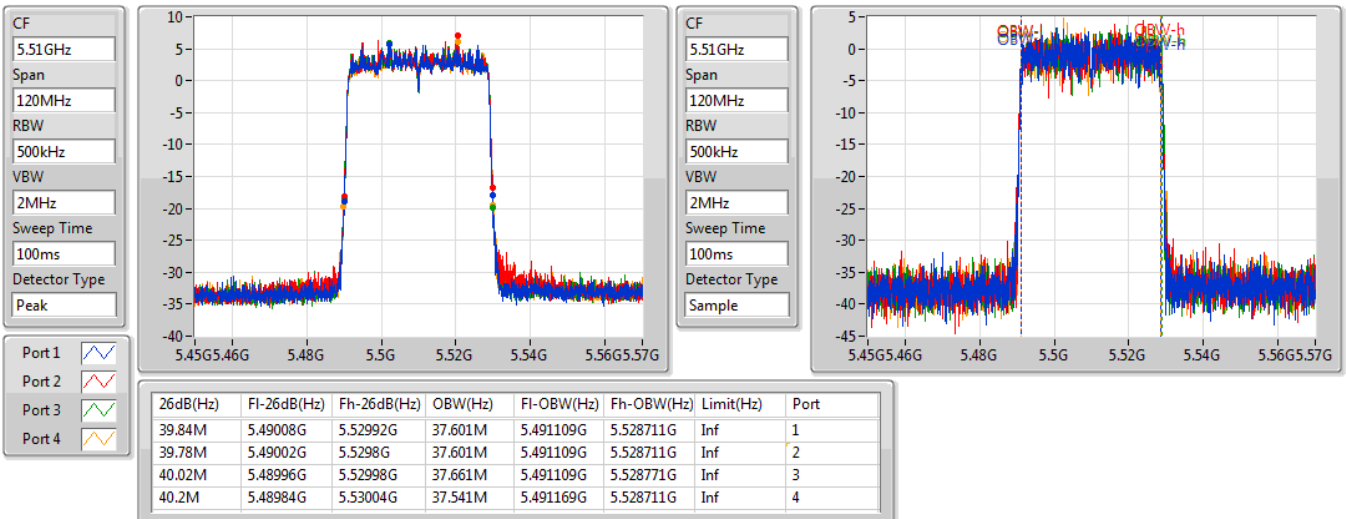


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

03/11/2019

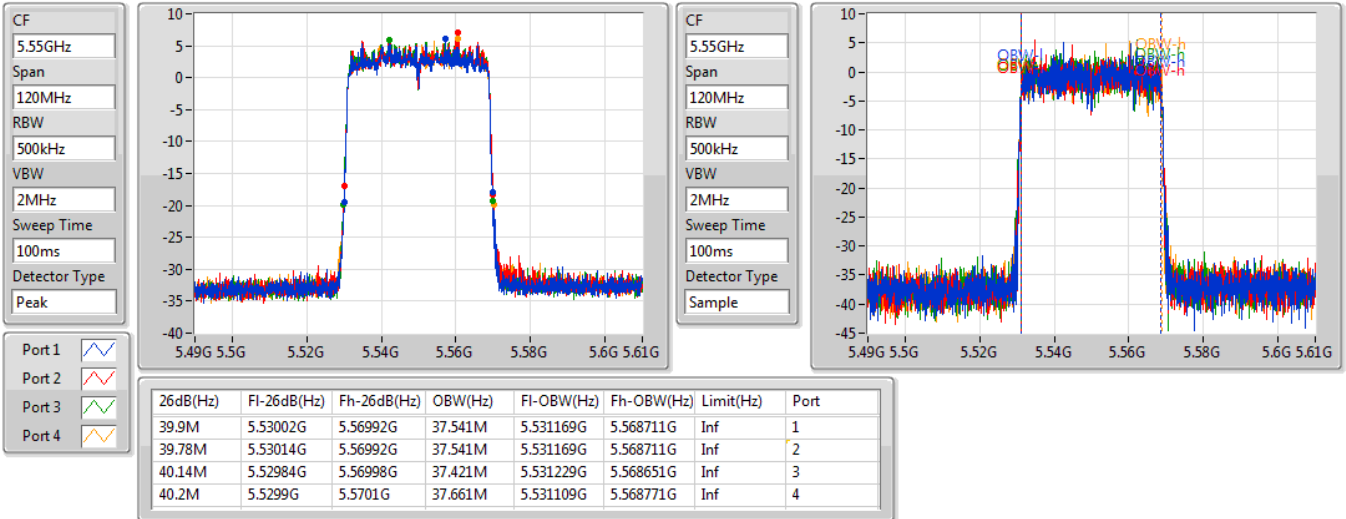

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5510MHz

03/11/2019

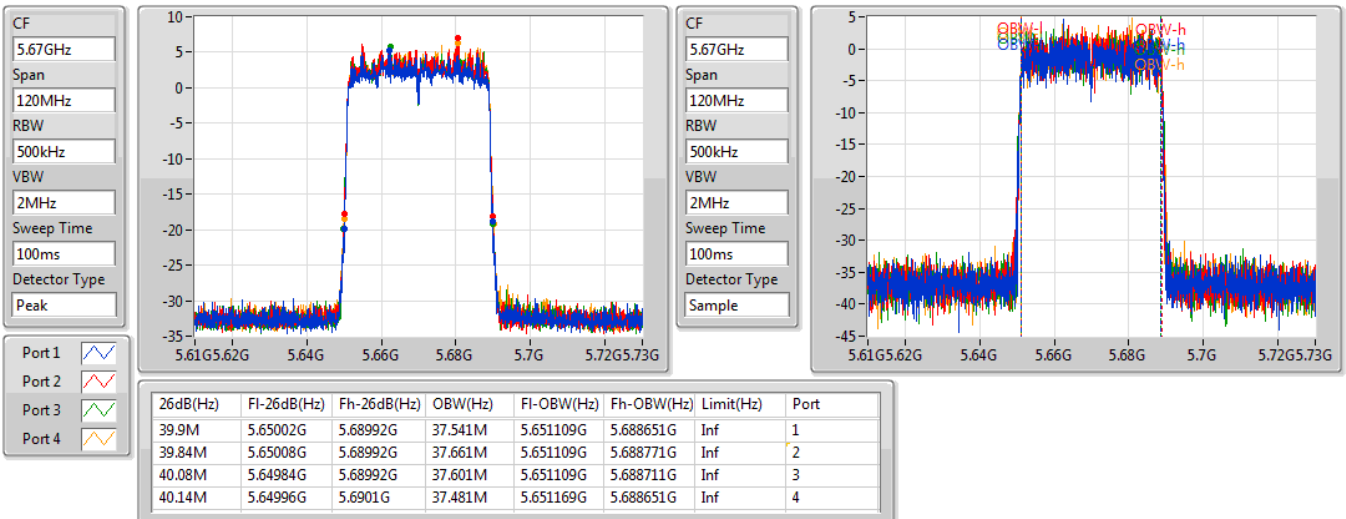


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5550MHz

03/11/2019

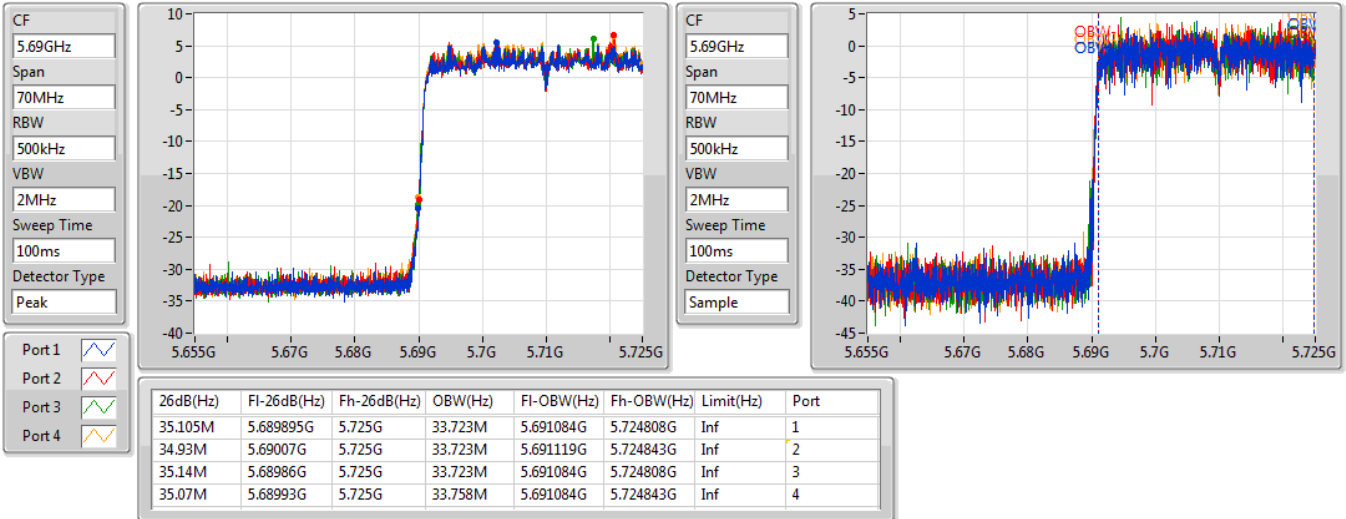

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5670MHz

03/11/2019

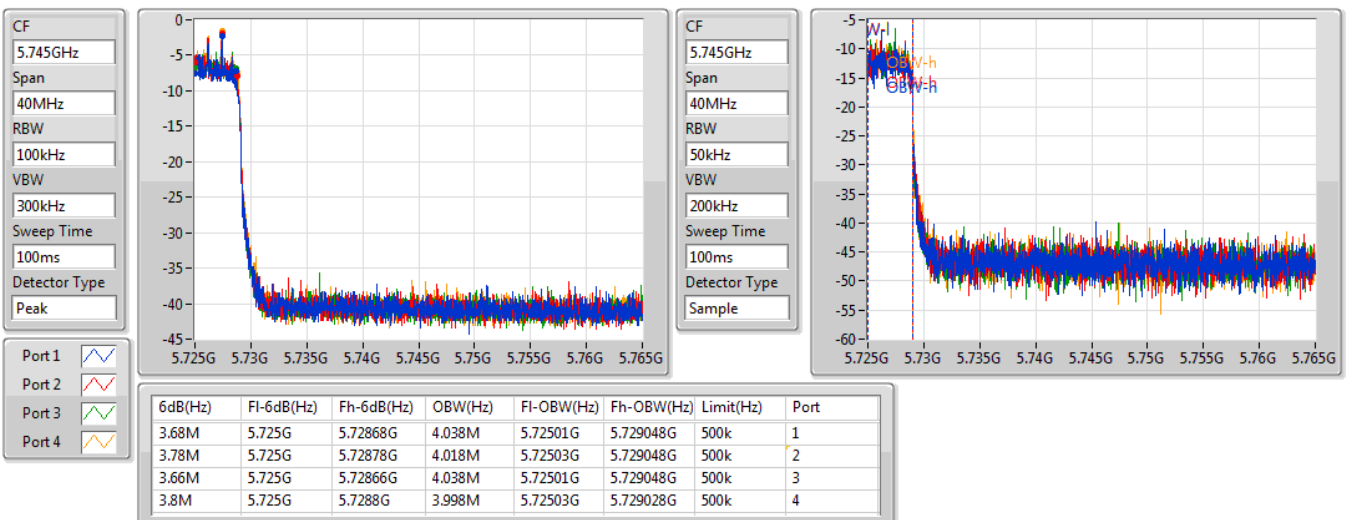


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

03/11/2019

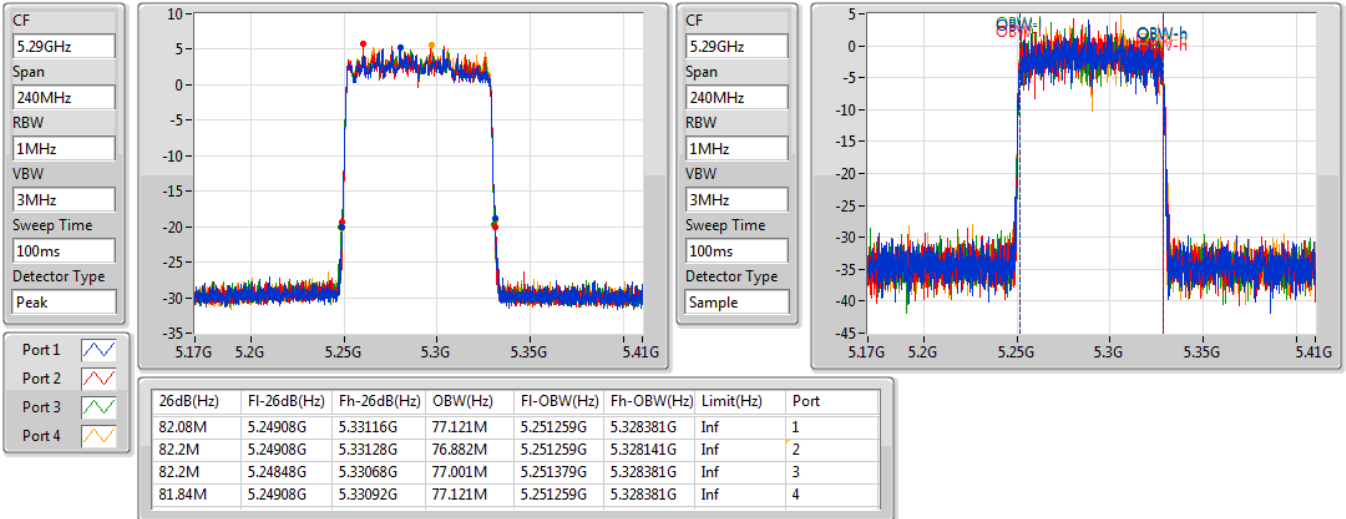

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

03/11/2019

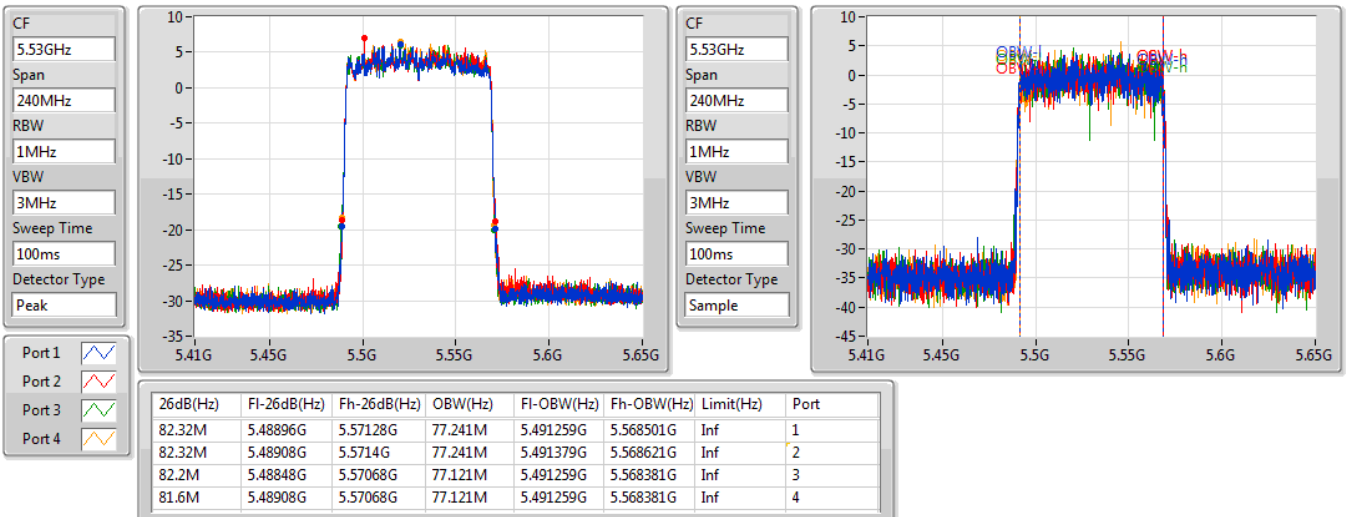


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5290MHz

03/11/2019

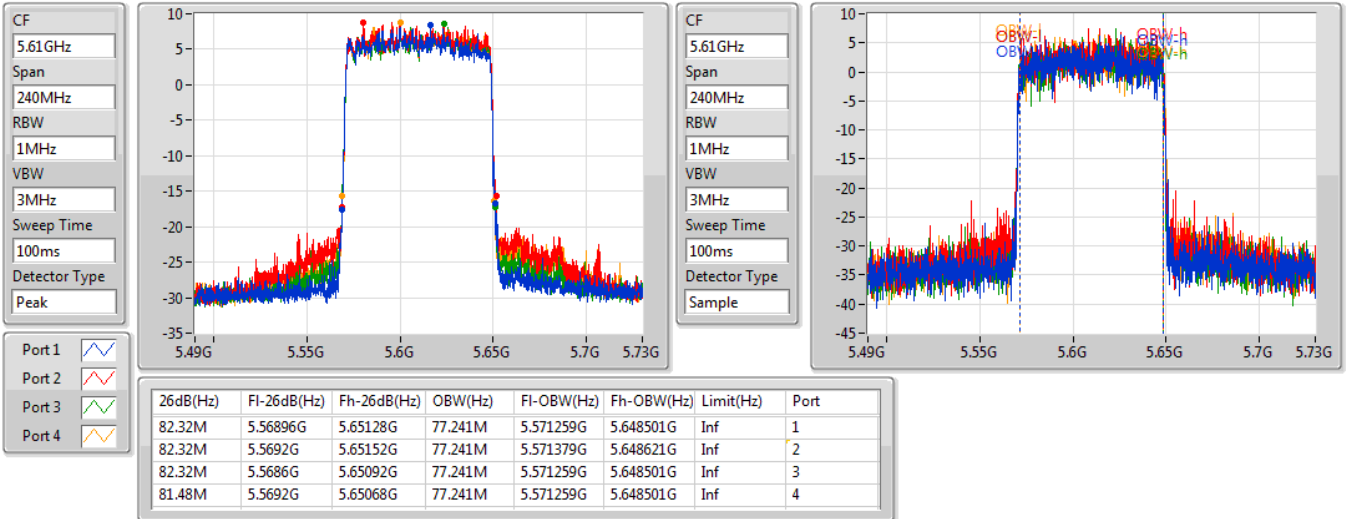

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5530MHz

03/11/2019

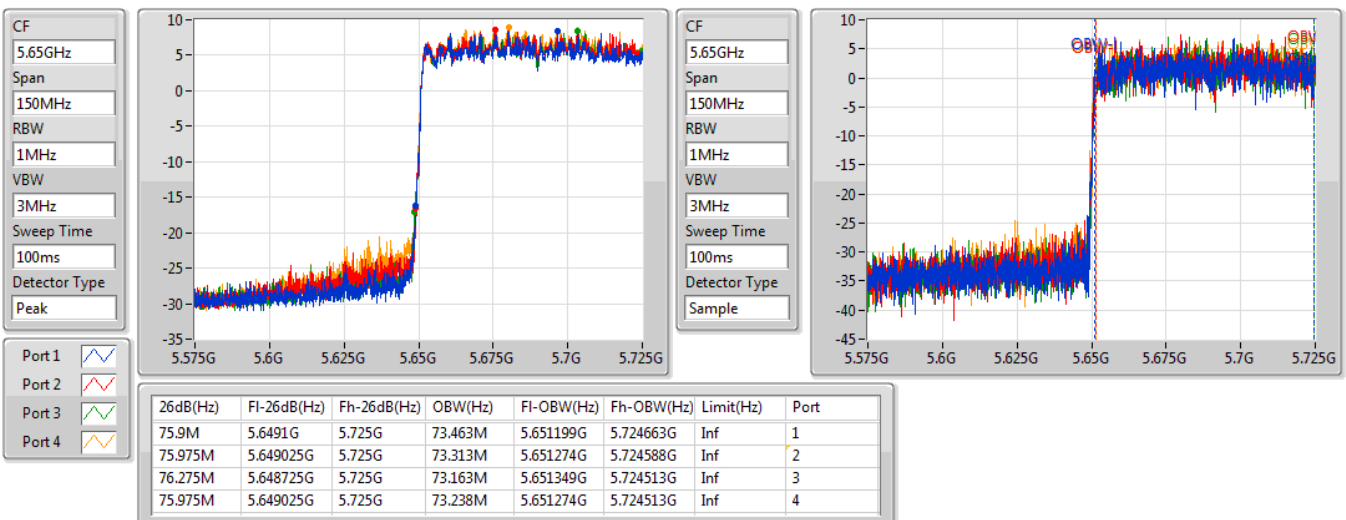


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5610MHz

03/11/2019

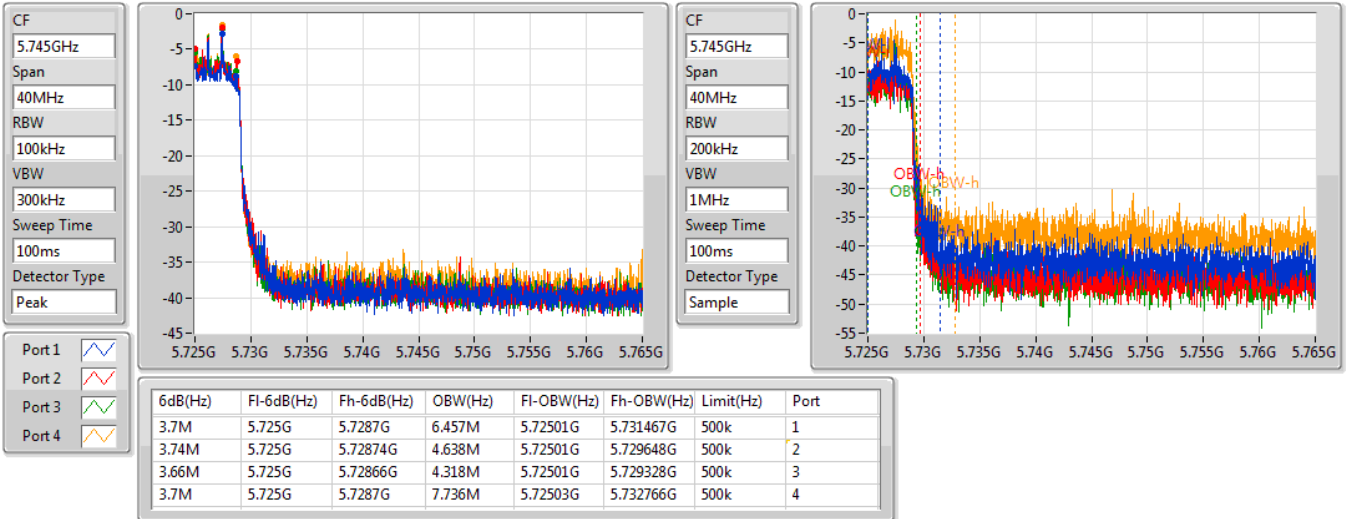

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

03/11/2019

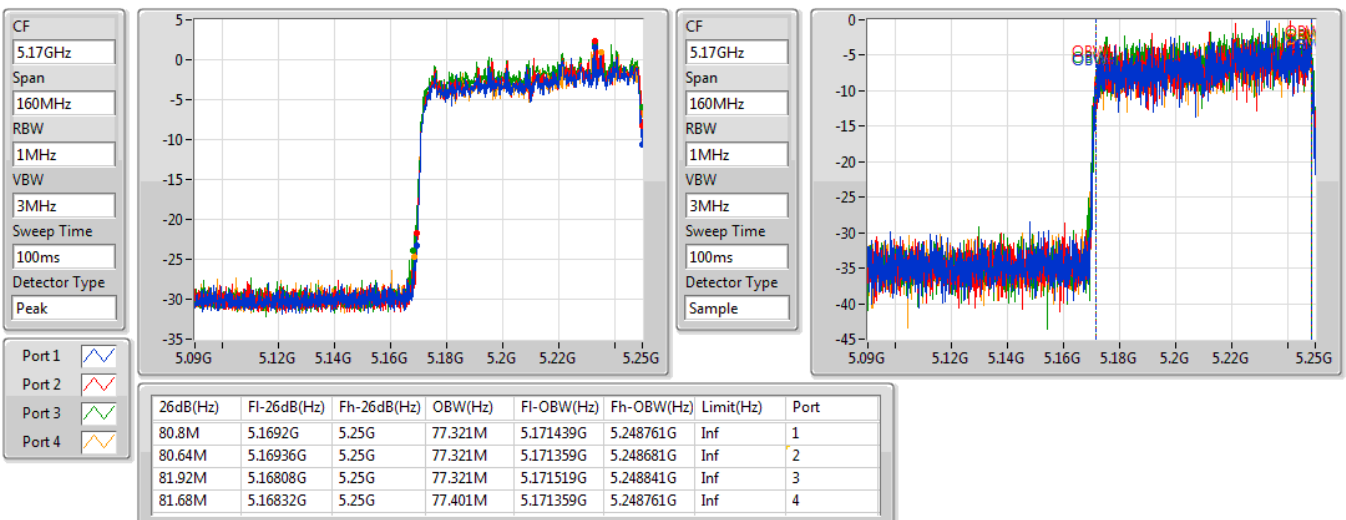


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

03/11/2019

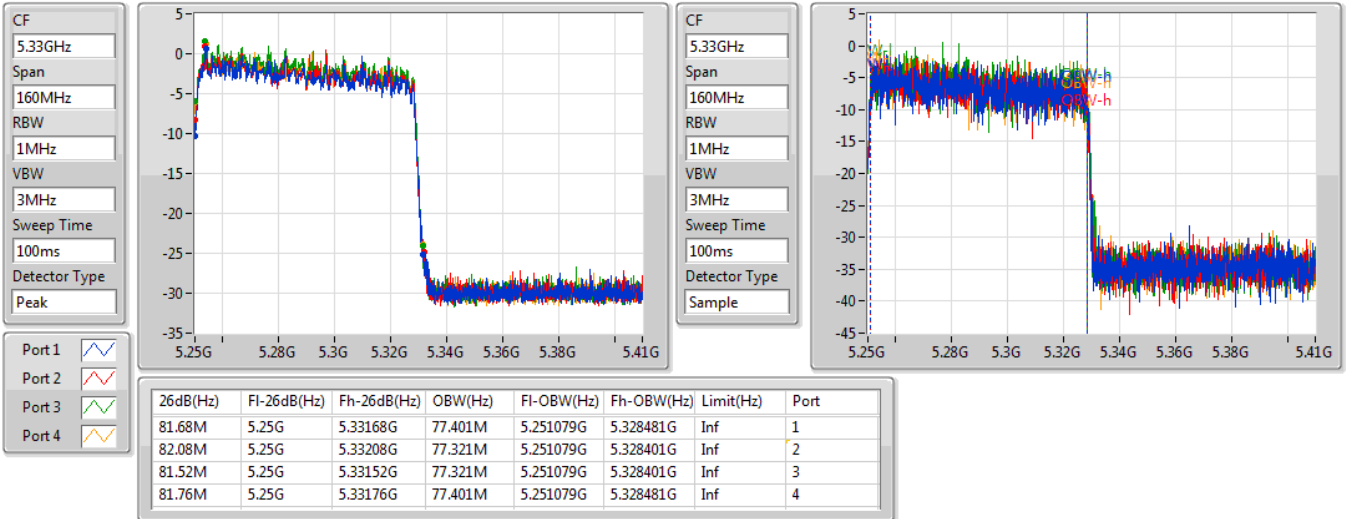

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

03/11/2019

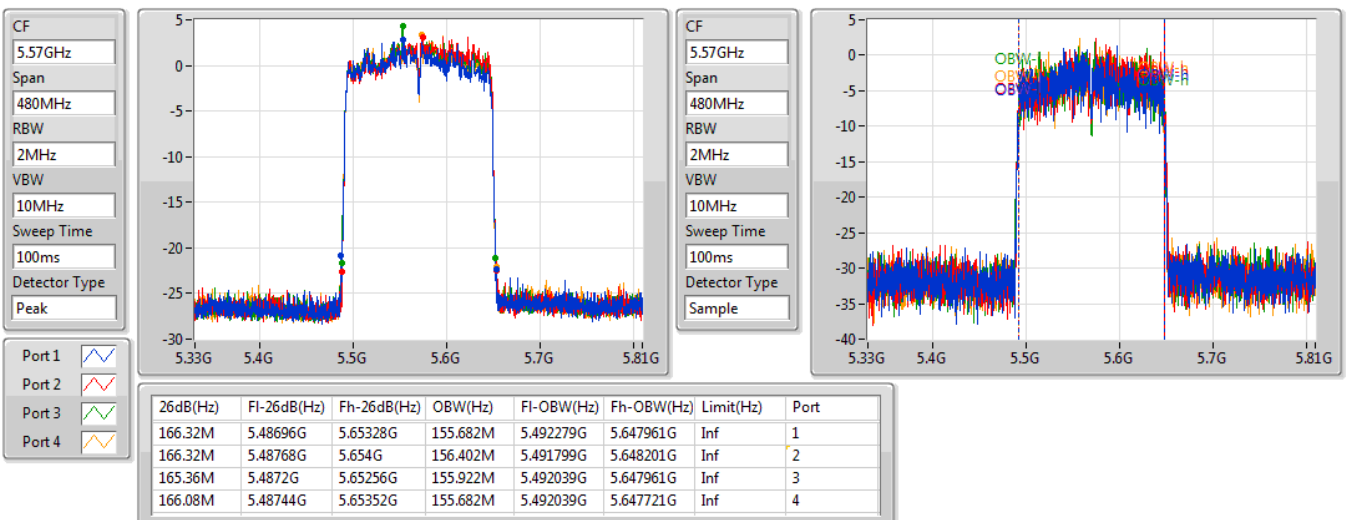


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

03/11/2019


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5570MHz

03/11/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	83.36M	76.202M	76M2D1D	81.76M	75.802M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.08M	77.481M	77M5D1D	80.64M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.84M	17.841M	17M8D1D	21.45M	17.721M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.2M	36.342M	36M3D1D	39.54M	36.222M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.56M	76.042M	76M0D1D	81.36M	76.042M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	84.96M	76.042M	76M0D1D	81.44M	75.722M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87M	19.01M	19M0D1D	21.51M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.32M	37.661M	37M7D1D	39.9M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.2M	77.361M	77M4D1D	81.6M	77.121M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.92M	77.321M	77M3D1D	81.52M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.84M	17.841M	17M8D1D	15.705M	13.883M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.62M	36.342M	36M3D1D	34.86M	33.023M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	83.64M	76.162M	76M2D1D	75.825M	72.489M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	167.04M	155.442M	155MD1D	164.88M	154.723M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.75M	18.981M	19M0D1D	15.615M	14.468M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.32M	37.721M	37M7D1D	34.895M	33.688M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.44M	77.481M	77M5D1D	75.825M	73.238M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	166.56M	156.882M	157MD1D	165.36M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.78M	4.758M	4M76D1D	3.72M	4.518M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.22M	19.77M	19M8D1D	3.1M	4.518M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.12M	30.945M	30M9D1D	3.08M	24.788M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.46M	4.738M	4M74D1D	4.36M	4.538M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.8M	13.273M	13M3D1D	3.68M	4.198M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.78M	23.548M	23M5D1D	3.66M	11.434M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.84M	17.721M	21.54M	17.751M	21.6M	17.781M	21.69M	17.751M
5300MHz	Pass	Inf	21.81M	17.751M	21.45M	17.781M	21.6M	17.811M	21.78M	17.781M
5320MHz	Pass	Inf	21.72M	17.781M	21.81M	17.751M	21.45M	17.841M	21.75M	17.811M
5500MHz	Pass	Inf	21.84M	17.751M	21.69M	17.721M	21.51M	17.841M	21.75M	17.781M
5580MHz	Pass	Inf	21.78M	17.751M	21.48M	17.781M	21.54M	17.811M	21.69M	17.811M
5700MHz	Pass	Inf	21.78M	17.781M	21.57M	17.751M	21.48M	17.781M	21.78M	17.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	13.913M	15.795M	13.883M	15.705M	13.898M	15.78M	13.928M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.678M	3.78M	4.518M	3.76M	4.758M	3.74M	4.678M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.2M	36.222M	39.54M	36.222M	40.14M	36.342M	39.72M	36.222M
5310MHz	Pass	Inf	40.2M	36.222M	40.14M	36.342M	40.14M	36.282M	39.9M	36.222M
5510MHz	Pass	Inf	40.5M	36.342M	40.08M	36.282M	39.66M	36.282M	40.02M	36.162M
5550MHz	Pass	Inf	40.5M	36.342M	40.08M	36.282M	39.72M	36.282M	39.78M	36.222M
5670MHz	Pass	Inf	40.62M	36.282M	39.84M	36.222M	40.08M	36.282M	39.78M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	33.023M	34.86M	33.023M	34.93M	33.128M	35M	33.163M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	15.592M	3.22M	4.518M	3.1M	19.77M	3.16M	18.251M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.56M	76.042M	81.84M	76.042M	81.36M	76.042M	81.72M	76.042M
5530MHz	Pass	Inf	82.56M	75.922M	81.84M	76.162M	81.96M	75.922M	82.32M	75.922M
5610MHz	Pass	Inf	83.64M	76.042M	81.84M	76.042M	82.32M	75.922M	81.96M	76.042M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	72.564M	75.825M	72.564M	75.9M	72.714M	76.35M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	29.145M	3.1M	24.788M	3.12M	30.945M	3.08M	30.005M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.92M	75.802M	82.24M	75.802M	83.36M	76.202M	81.76M	76.042M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.96M	75.722M	84.16M	75.962M	82M	75.882M	81.44M	76.042M
5570MHz	Pass	Inf	166.08M	155.202M	166.32M	155.442M	167.04M	154.963M	164.88M	154.723M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	19.01M	21.51M	18.981M	21.54M	18.981M	21.63M	18.921M
5300MHz	Pass	Inf	21.66M	18.921M	21.54M	18.981M	21.87M	18.921M	21.54M	18.951M
5320MHz	Pass	Inf	21.57M	19.01M	21.6M	18.981M	21.81M	18.951M	21.75M	18.981M
5500MHz	Pass	Inf	21.63M	18.981M	21.57M	18.951M	21.75M	18.981M	21.63M	18.921M
5580MHz	Pass	Inf	21.51M	18.921M	20.91M	18.981M	21.57M	18.981M	21.66M	18.981M
5700MHz	Pass	Inf	21.69M	18.951M	21.69M	18.951M	21.69M	18.981M	21.45M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.498M	15.63M	14.468M	15.75M	14.483M	15.615M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.578M	4.46M	4.538M	4.4M	4.658M	4.46M	4.738M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.96M	37.661M	40.02M	37.661M	39.96M	37.661M	40.32M	37.541M
5310MHz	Pass	Inf	39.9M	37.601M	39.96M	37.541M	39.9M	37.601M	39.96M	37.541M
5510MHz	Pass	Inf	40.08M	37.481M	39.96M	37.541M	40.2M	37.721M	40.14M	37.601M
5550MHz	Pass	Inf	40.08M	37.541M	39.84M	37.661M	39.9M	37.481M	40.08M	37.601M
5670MHz	Pass	Inf	40.08M	37.601M	39.9M	37.541M	40.08M	37.721M	40.32M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.14M	33.688M	34.895M	33.688M	35M	33.688M	35.14M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	10.195M	3.8M	4.198M	3.68M	13.273M	3.68M	12.214M

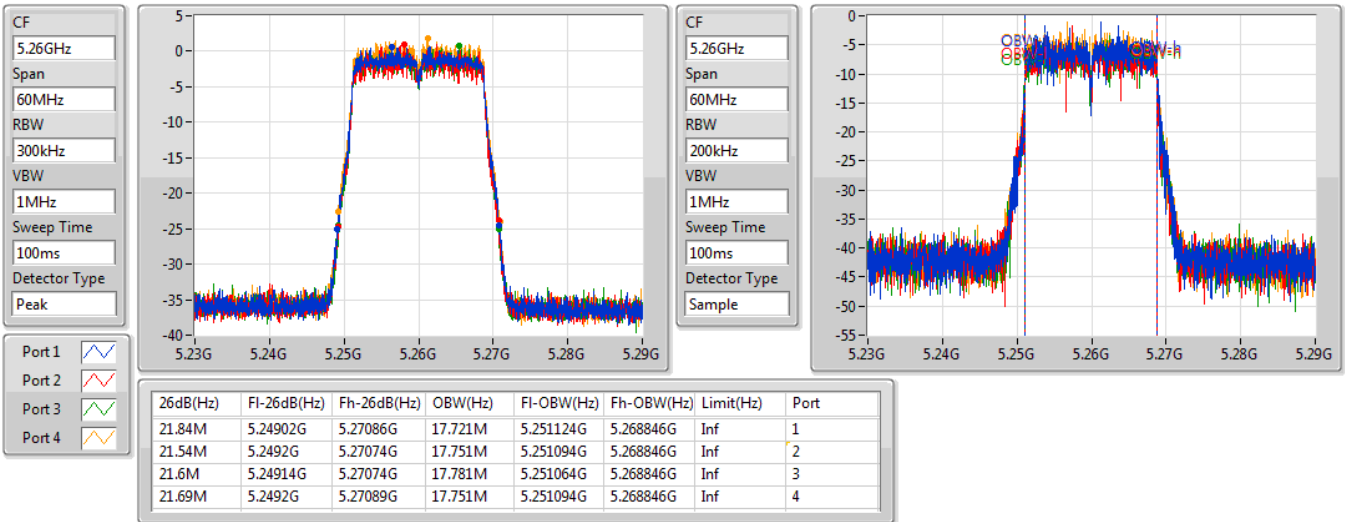
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.08M	77.121M	82.08M	77.241M	82.2M	77.361M	81.6M	77.241M
5530MHz	Pass	Inf	82.44M	77.241M	82.2M	77.361M	82.08M	77.481M	81.36M	77.121M
5610MHz	Pass	Inf	82.2M	77.241M	82.2M	77.361M	81.84M	77.361M	81.36M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	73.238M	75.825M	73.388M	76.275M	73.388M	75.975M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	18.971M	3.78M	11.434M	3.72M	21.389M	3.66M	23.548M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.241M	80.96M	77.481M	82.08M	77.321M	80.88M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.92M	77.321M	81.6M	77.241M	81.52M	77.321M	81.68M	77.241M
5570MHz	Pass	Inf	165.36M	156.402M	166.32M	156.882M	166.56M	156.162M	166.32M	156.402M

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

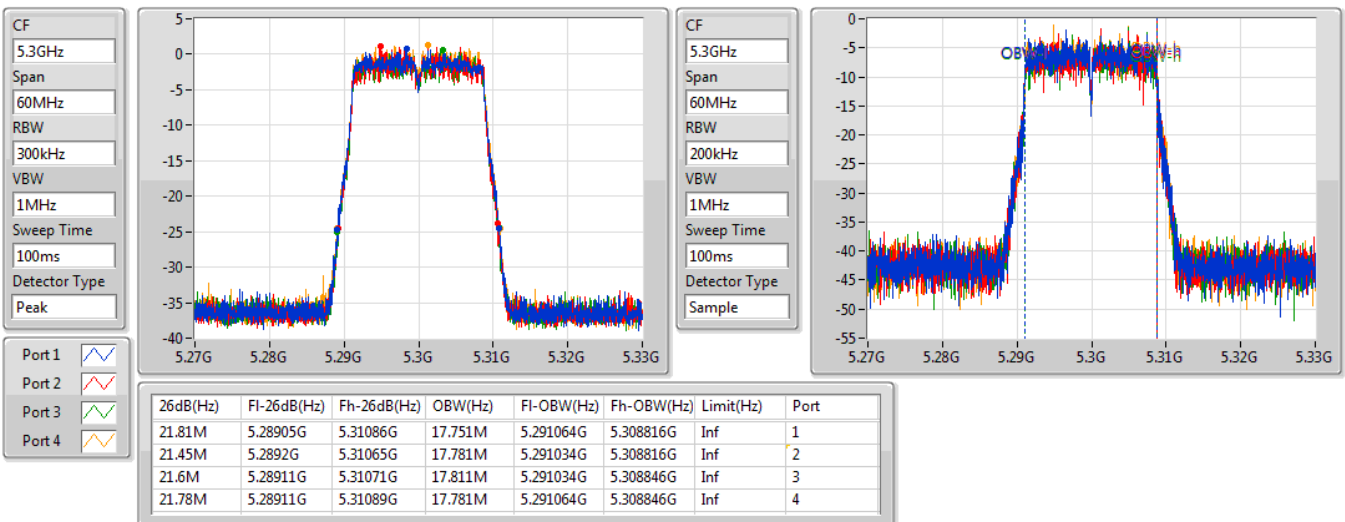
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

04/11/2019

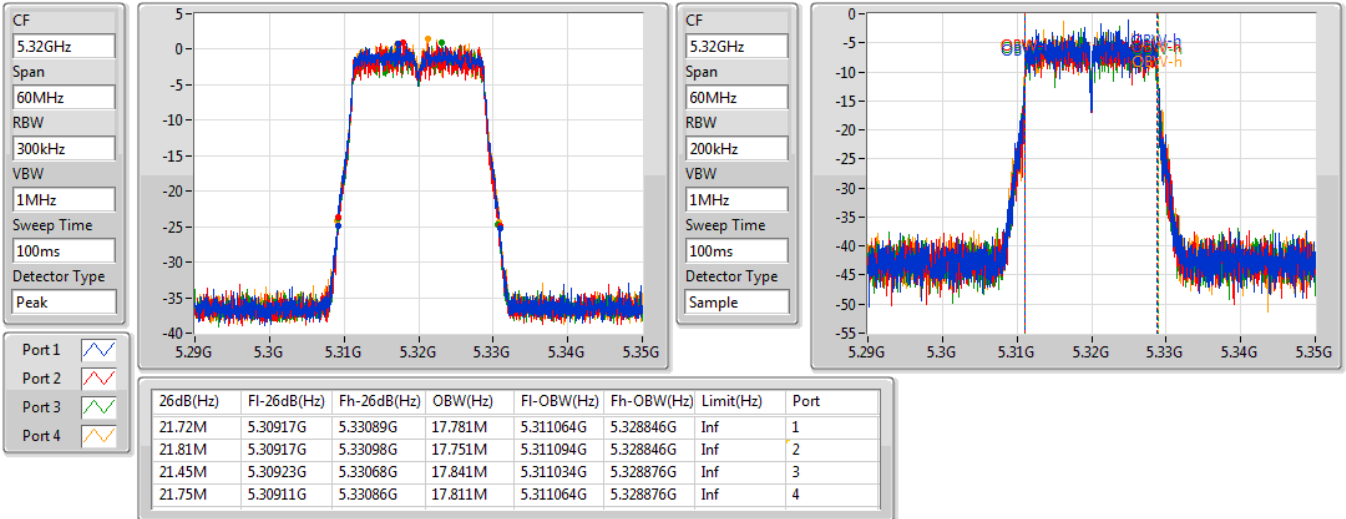

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

04/11/2019

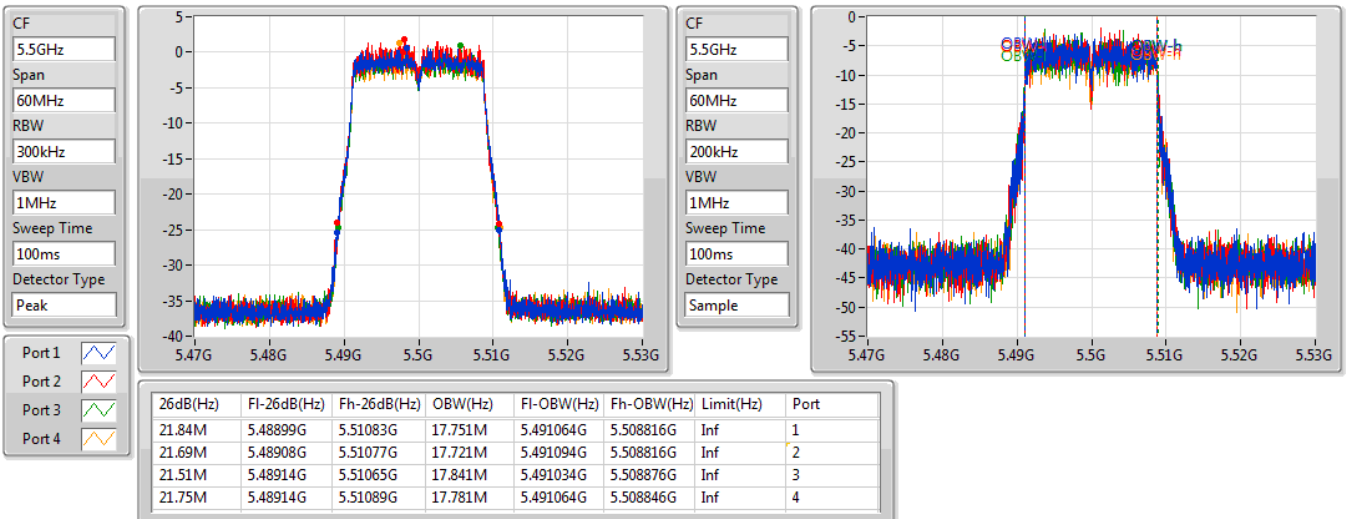


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

04/11/2019

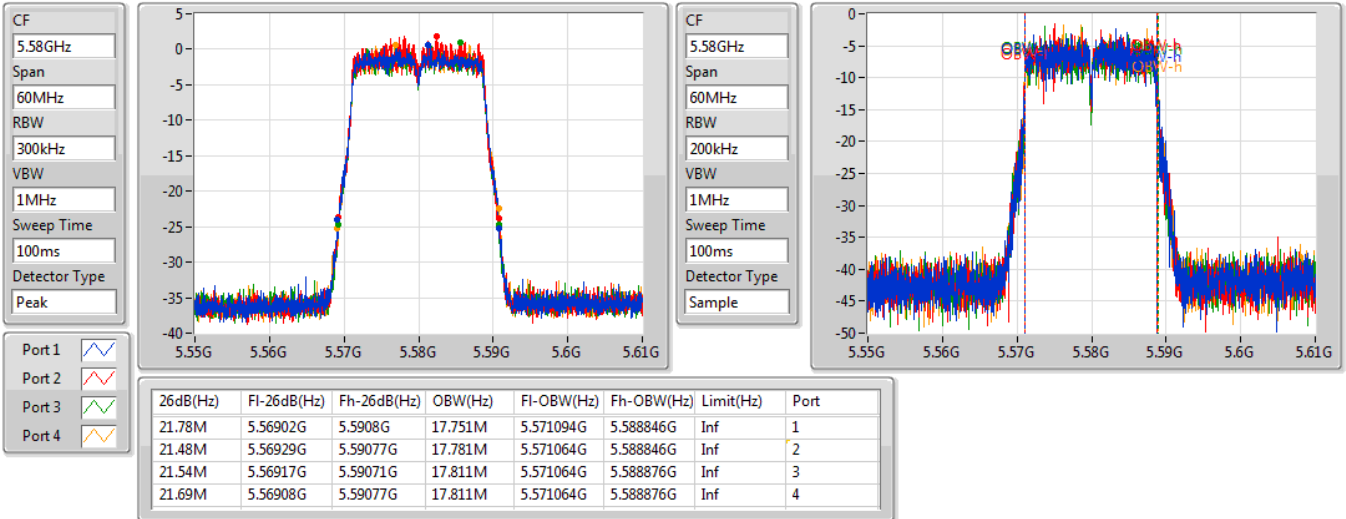

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

04/11/2019

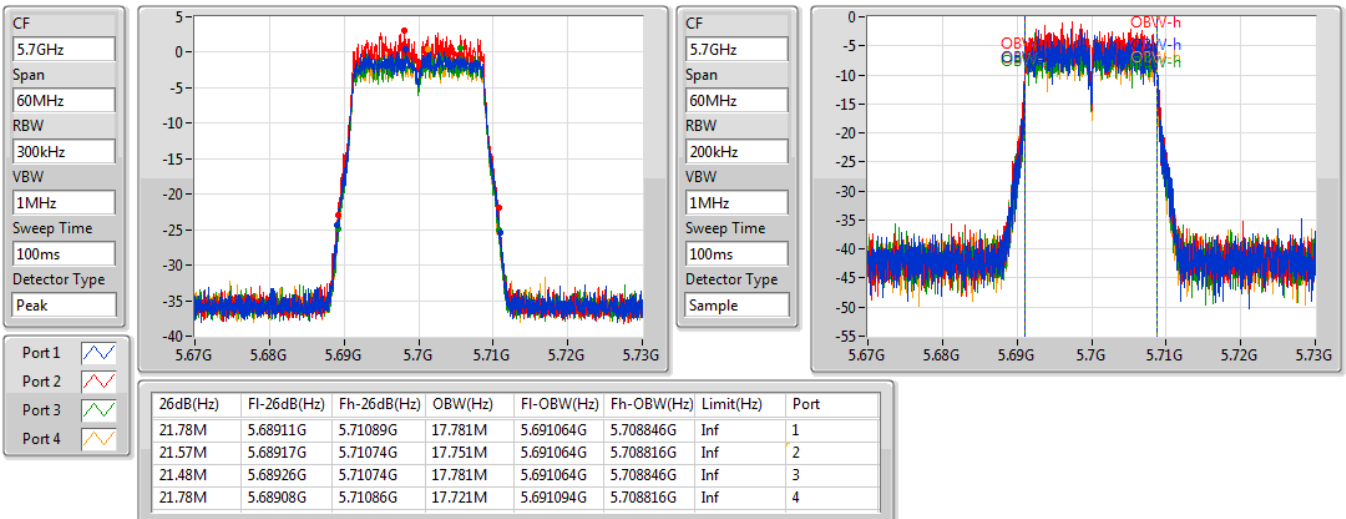


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

04/11/2019

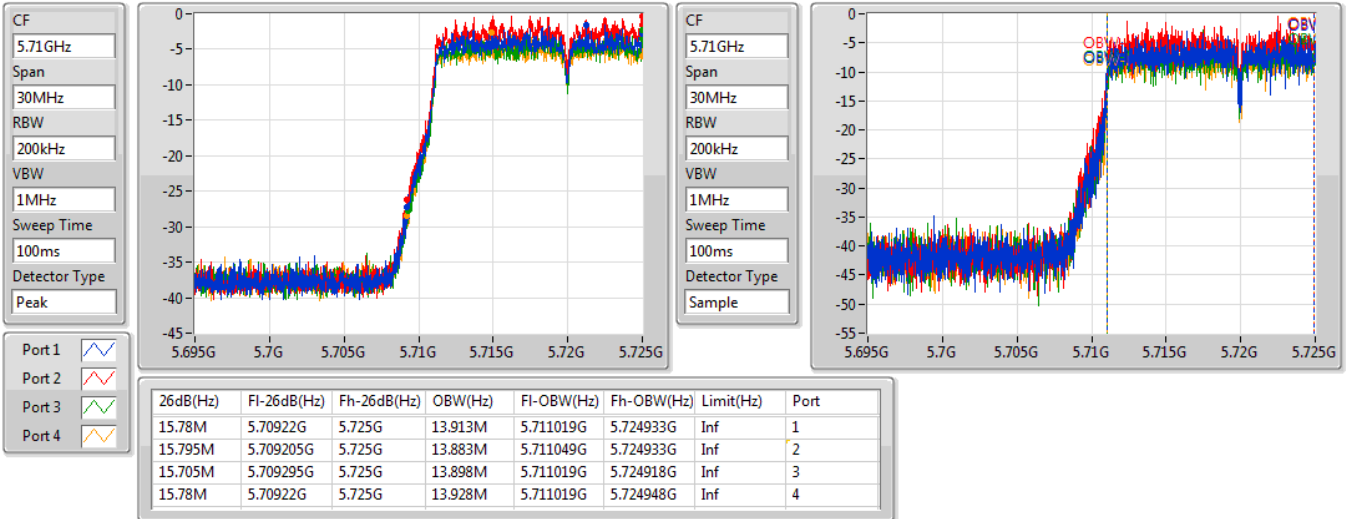

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

04/11/2019

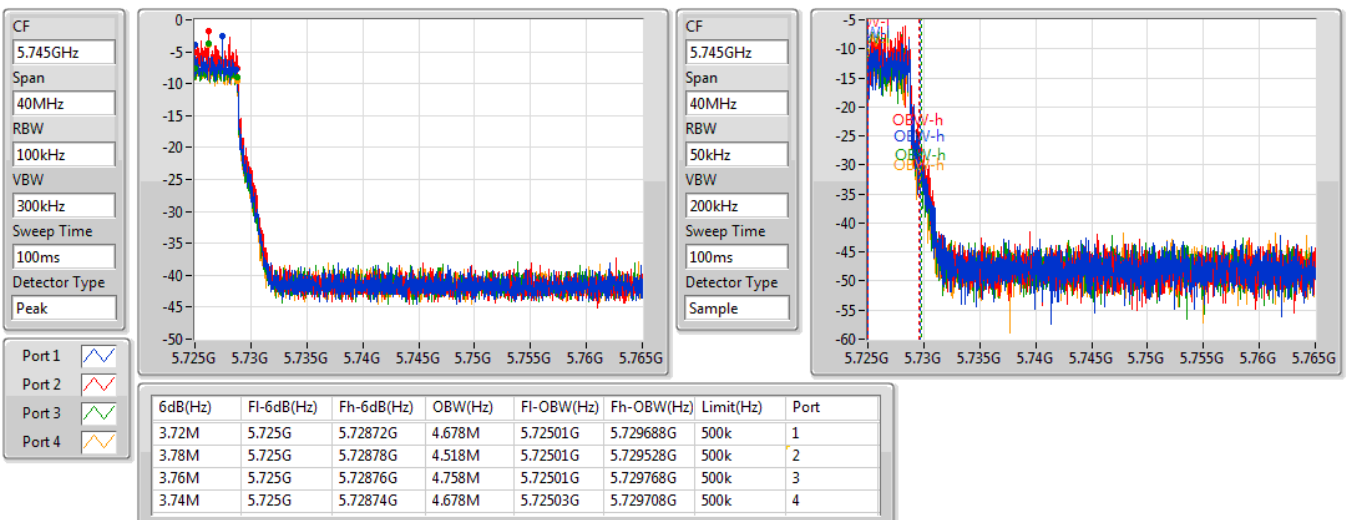


802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/11/2019

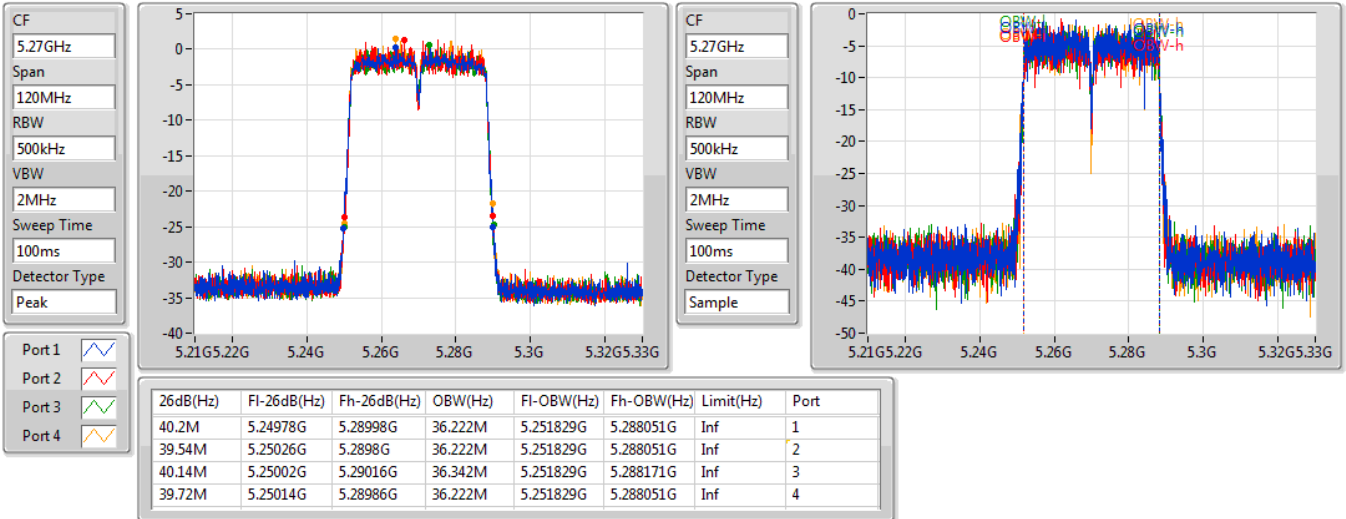

802.11ac VHT20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/11/2019

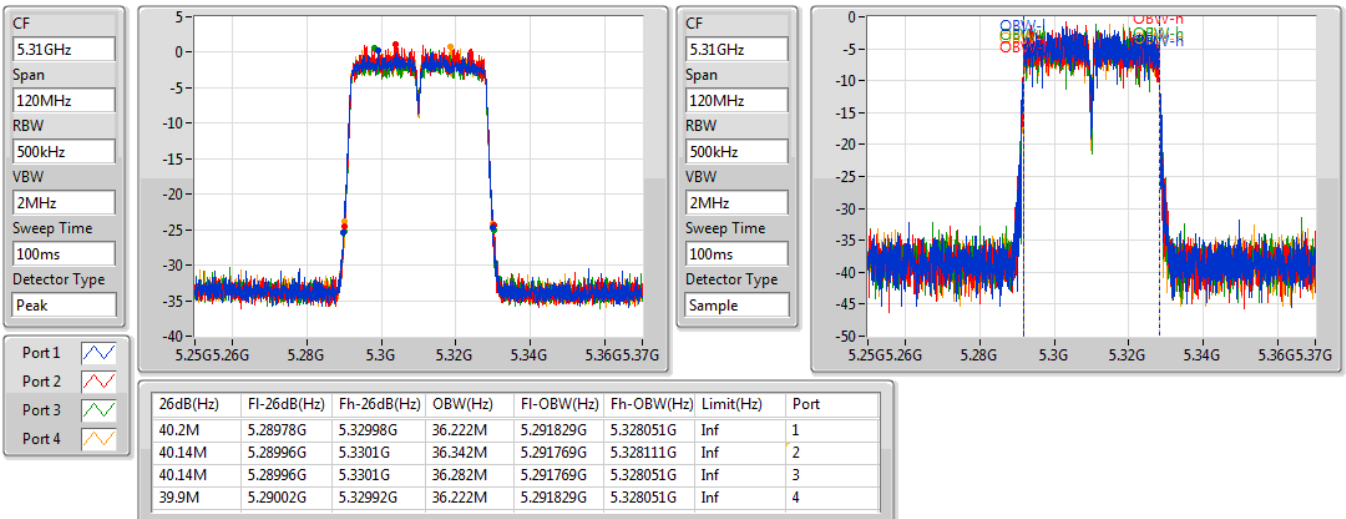


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

04/11/2019

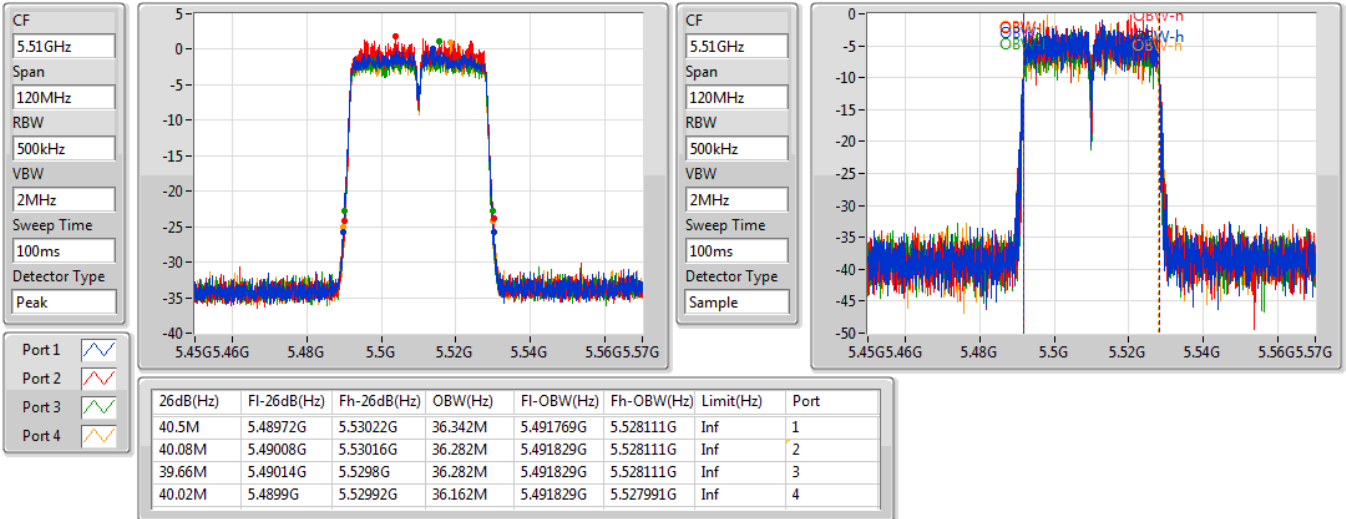

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

04/11/2019

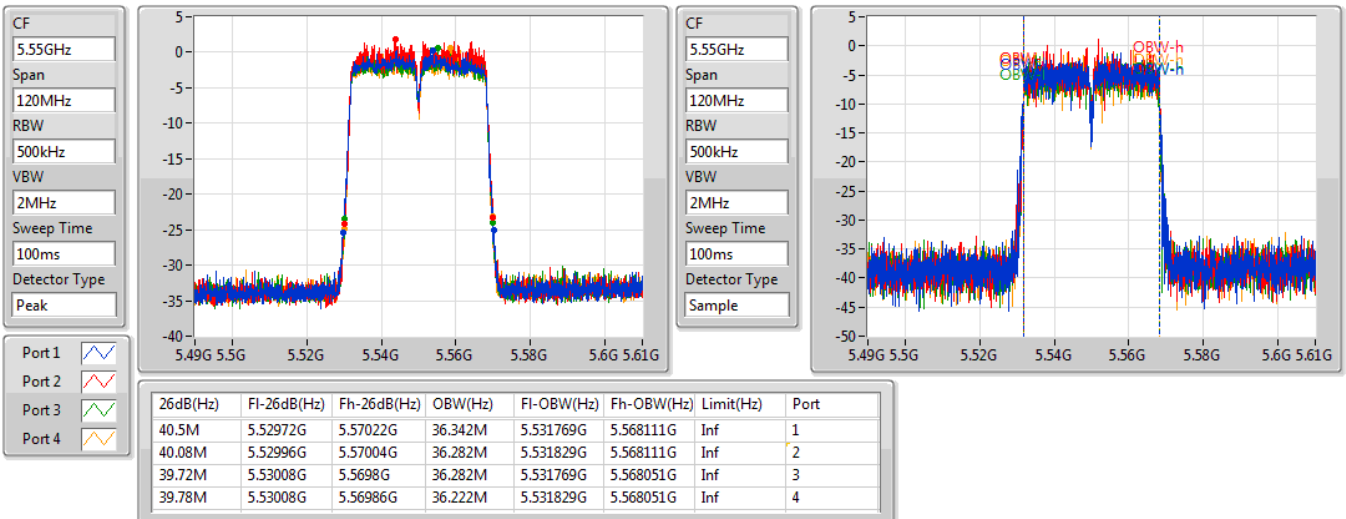


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

04/11/2019

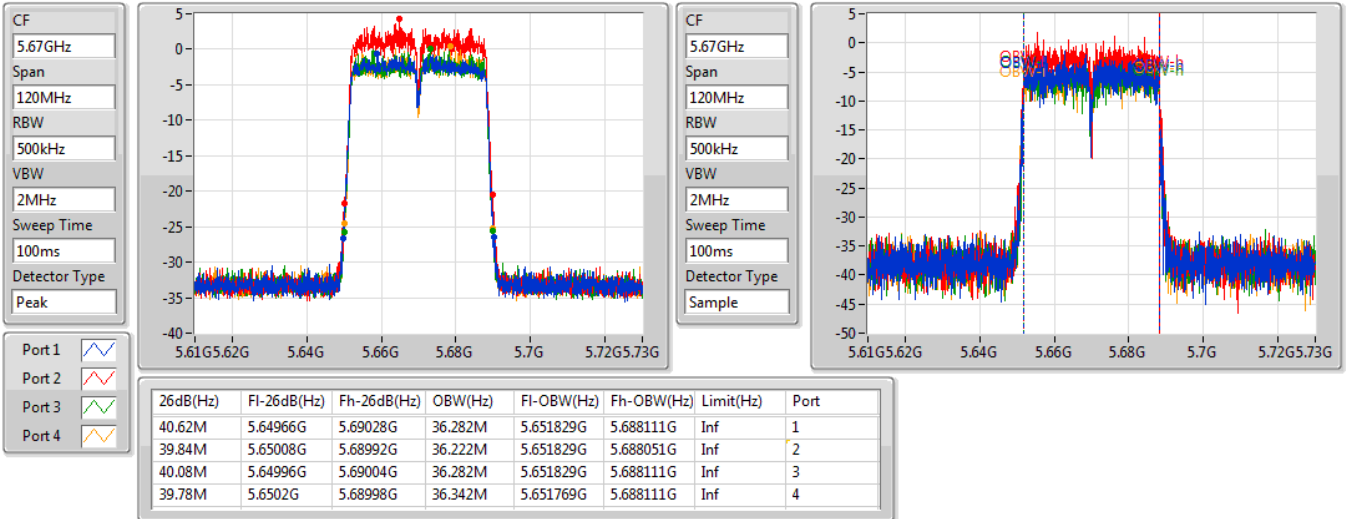

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

04/11/2019

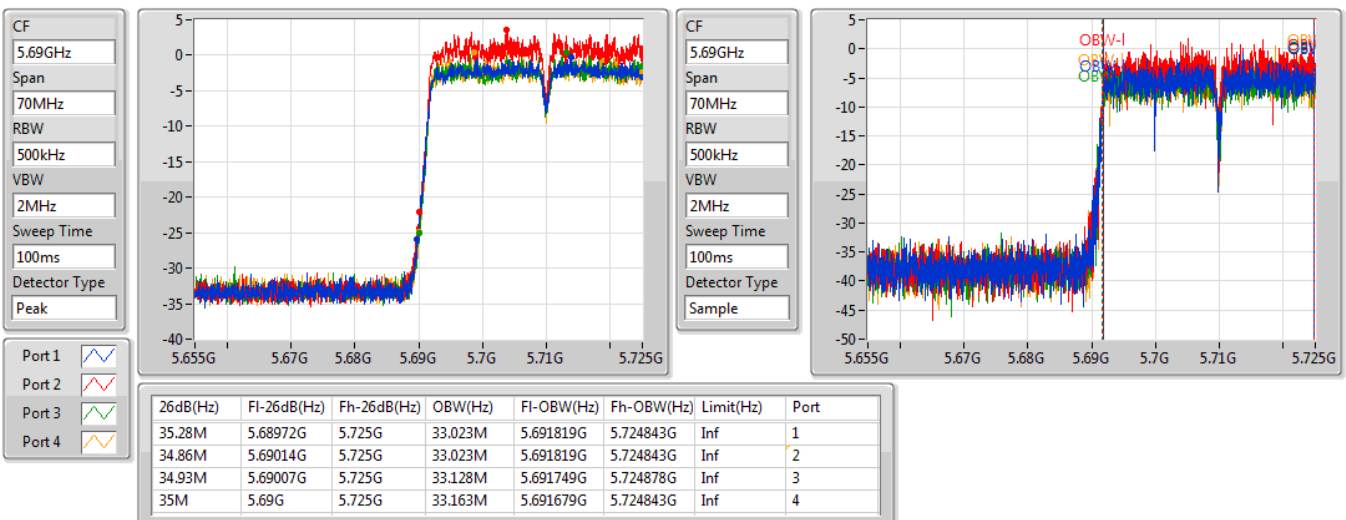


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

04/11/2019

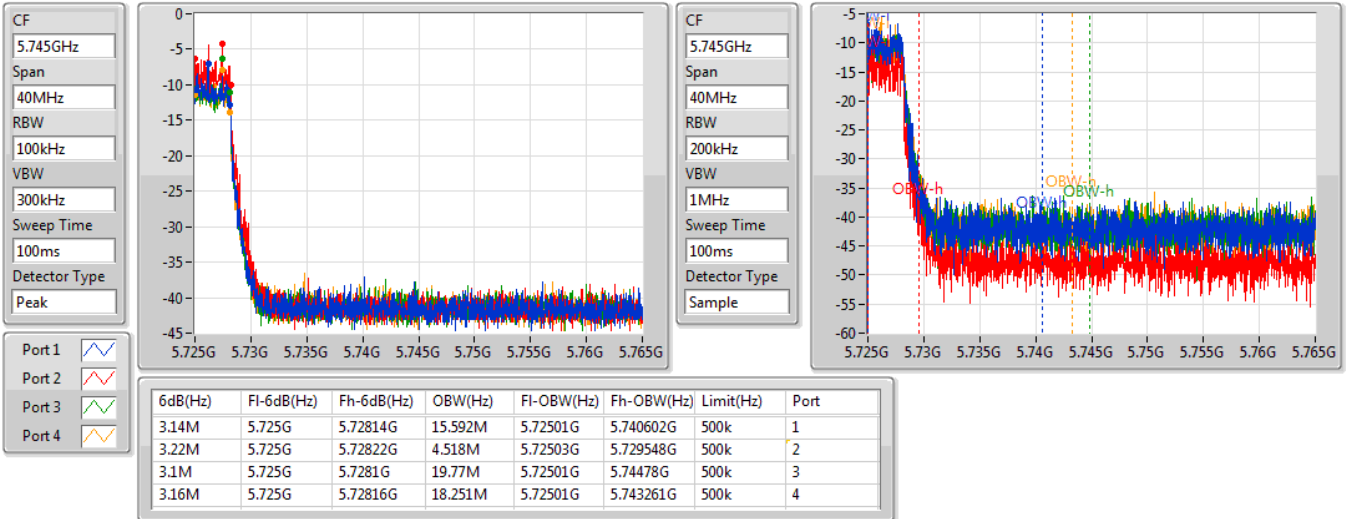

802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/11/2019

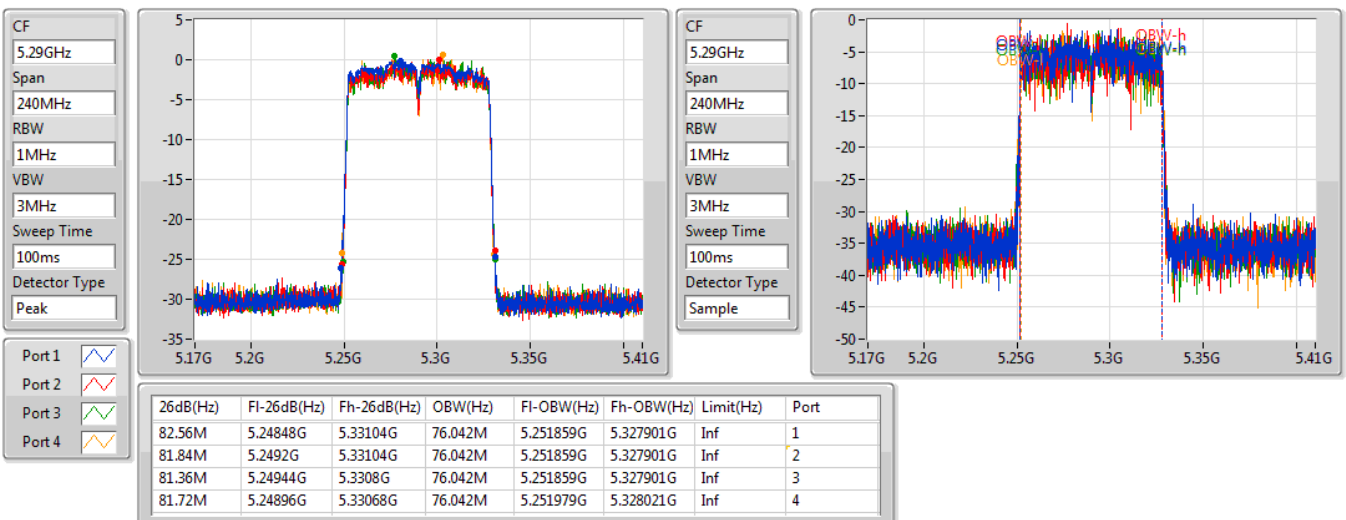


802.11ac VHT40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

04/11/2019

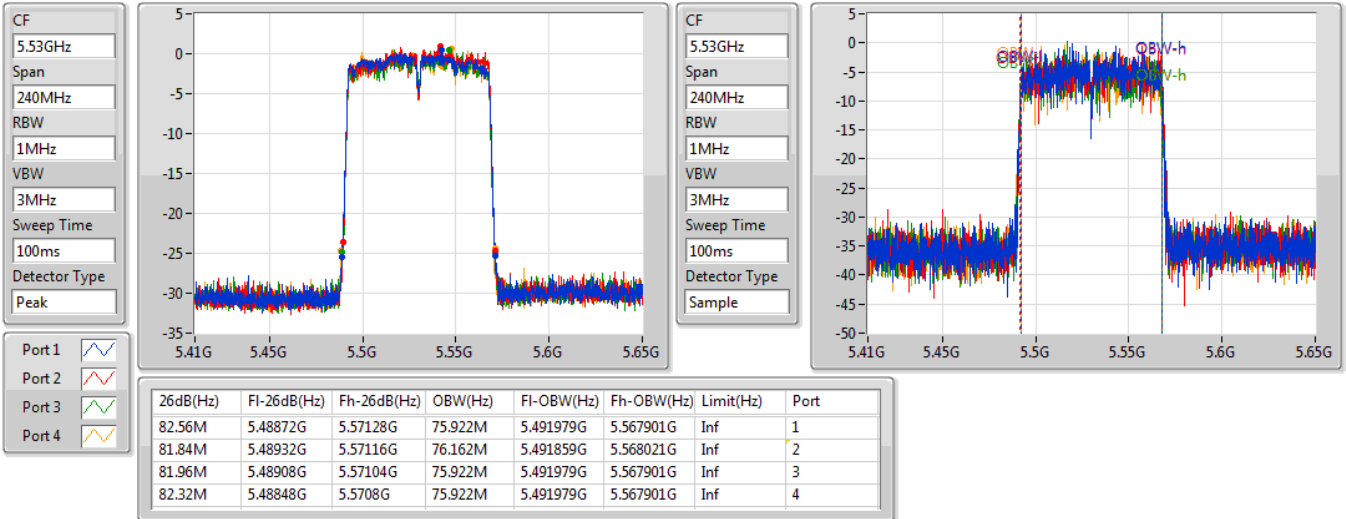

802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

04/11/2019

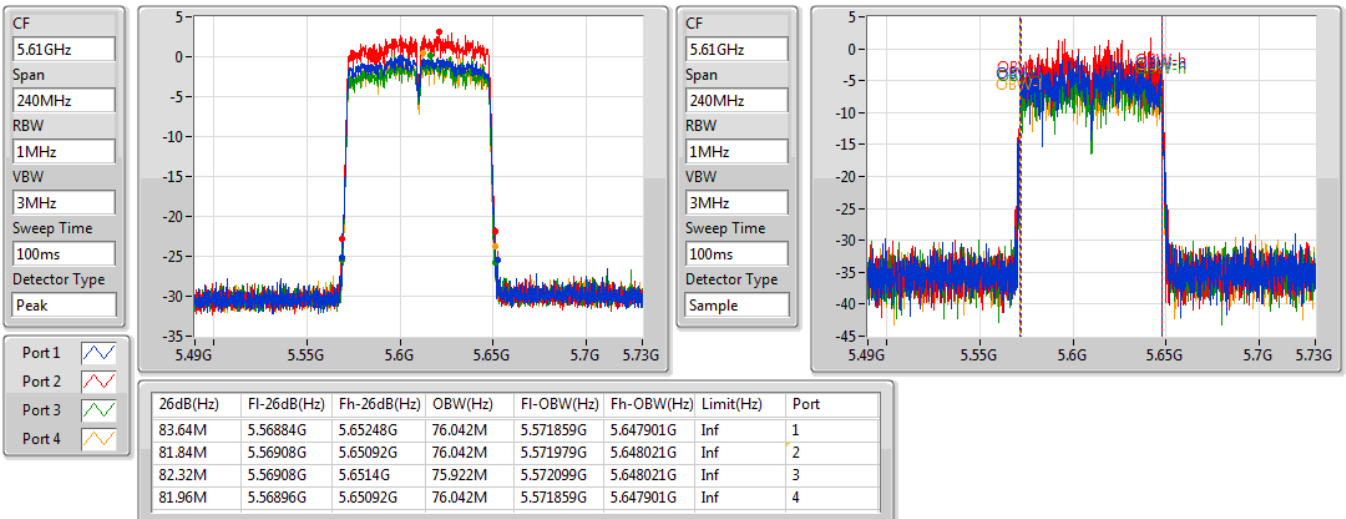


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

04/11/2019

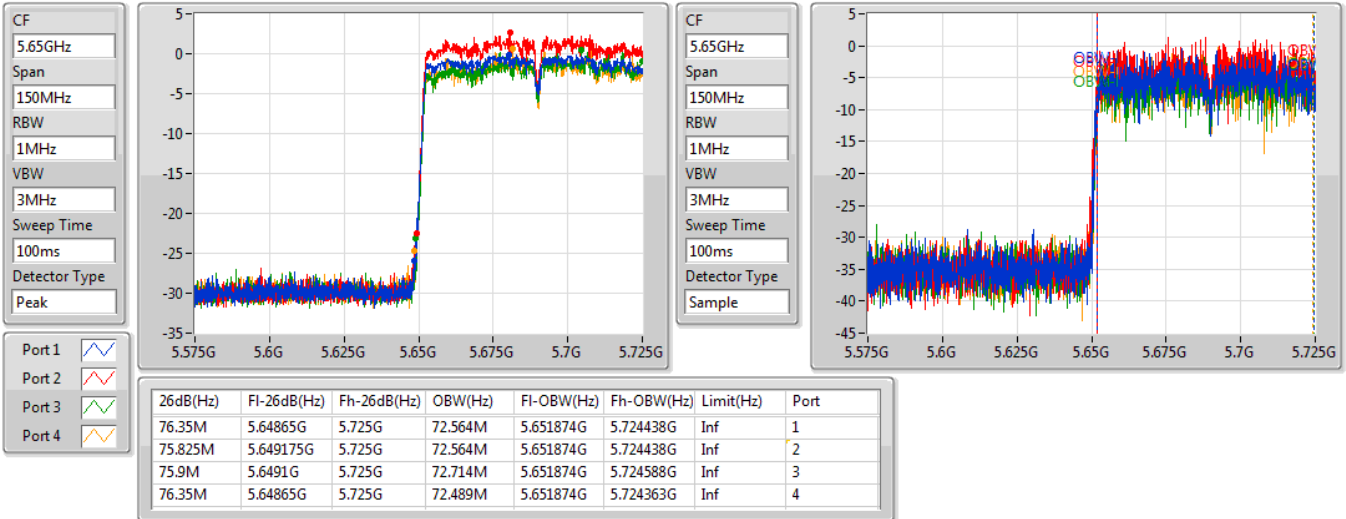

802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

04/11/2019

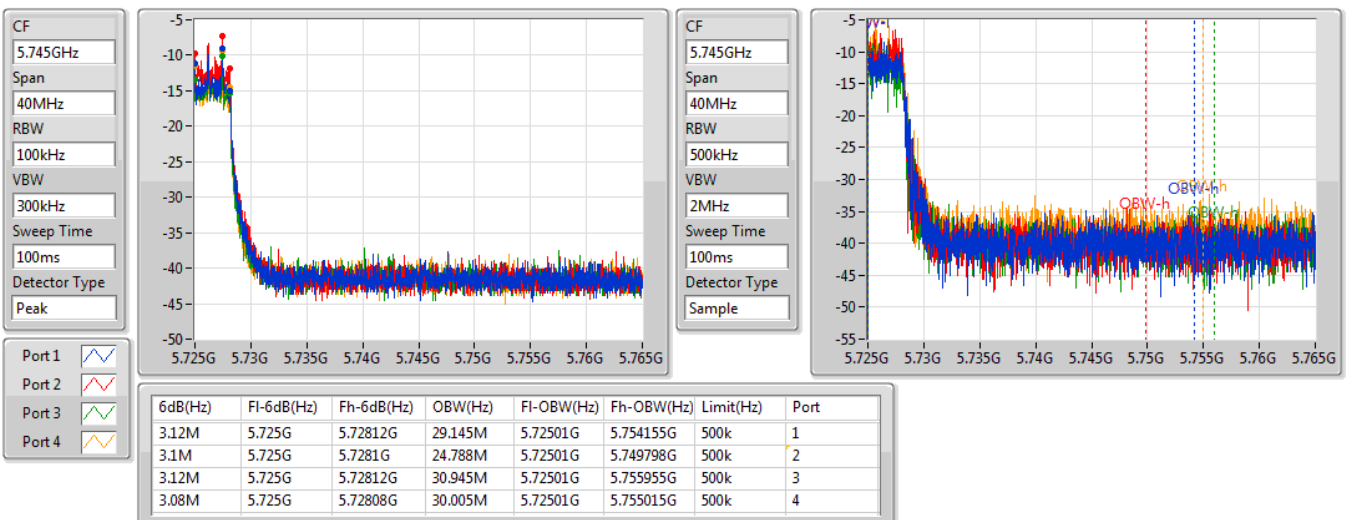


802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

04/11/2019

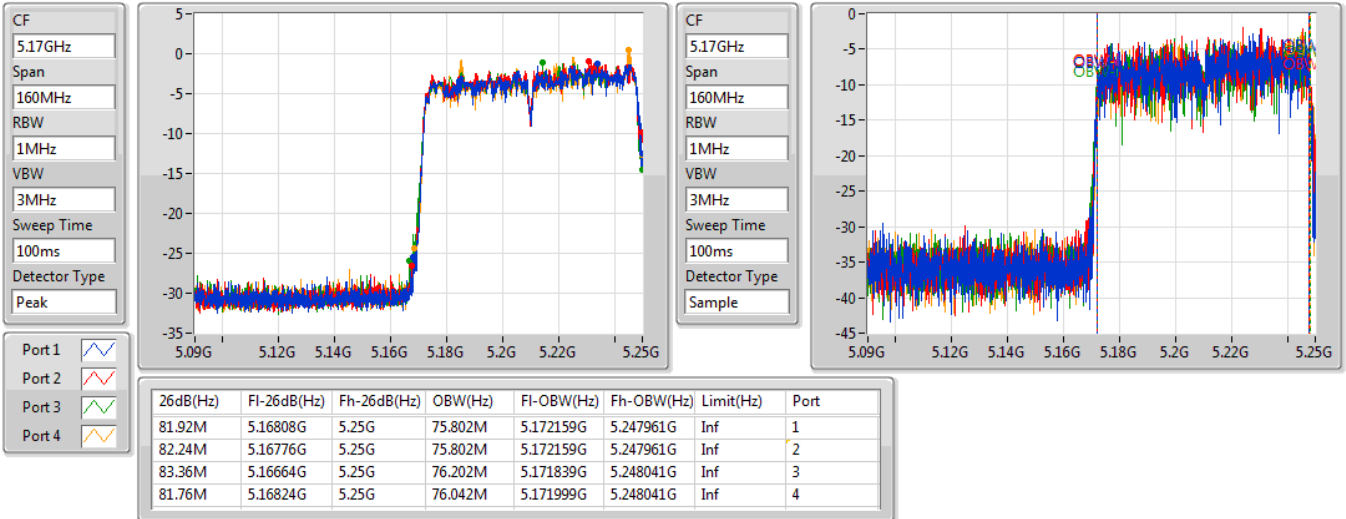

802.11ac VHT80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

04/11/2019

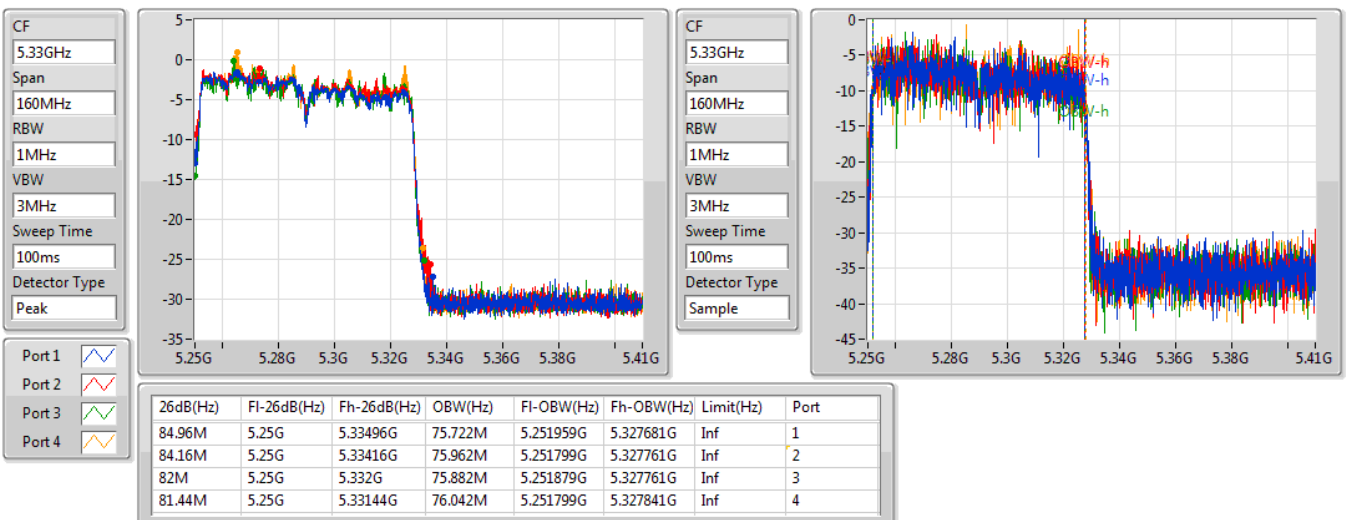


802.11ac VHT160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

04/11/2019

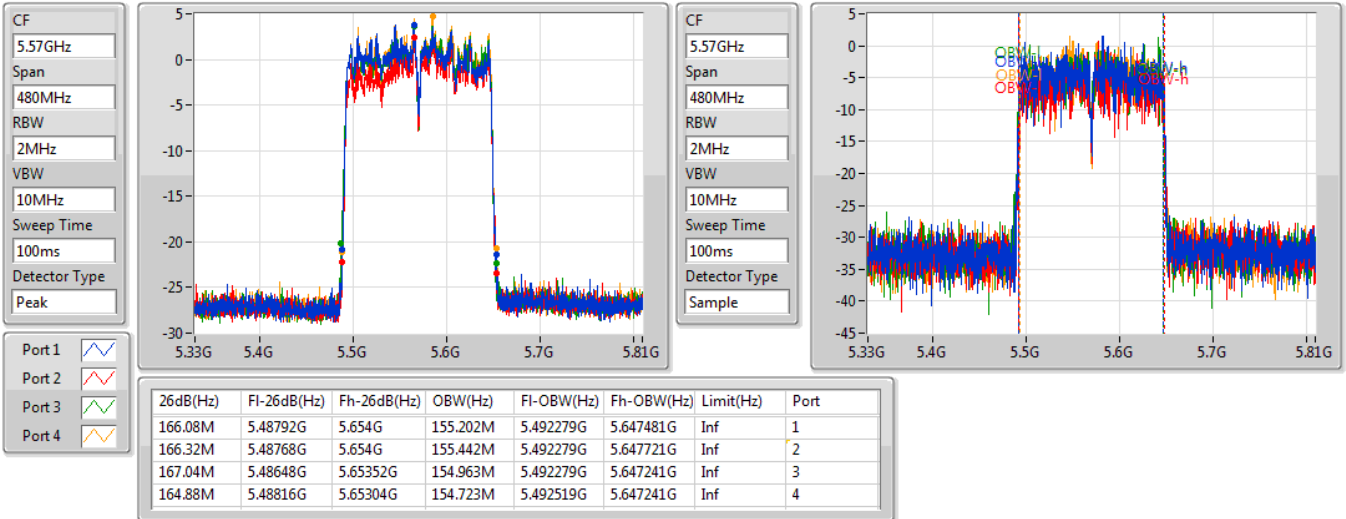

802.11ac VHT160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

04/11/2019

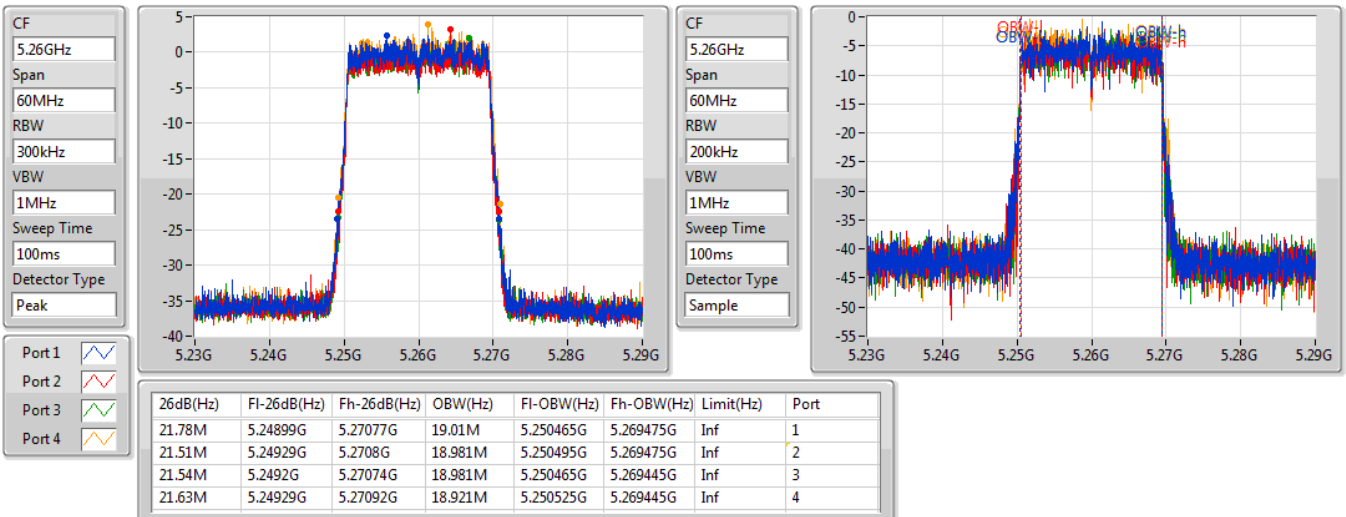


802.11ac VHT160-BF_Nss1,(MCS0)_4TX
EBW
5570MHz

04/11/2019

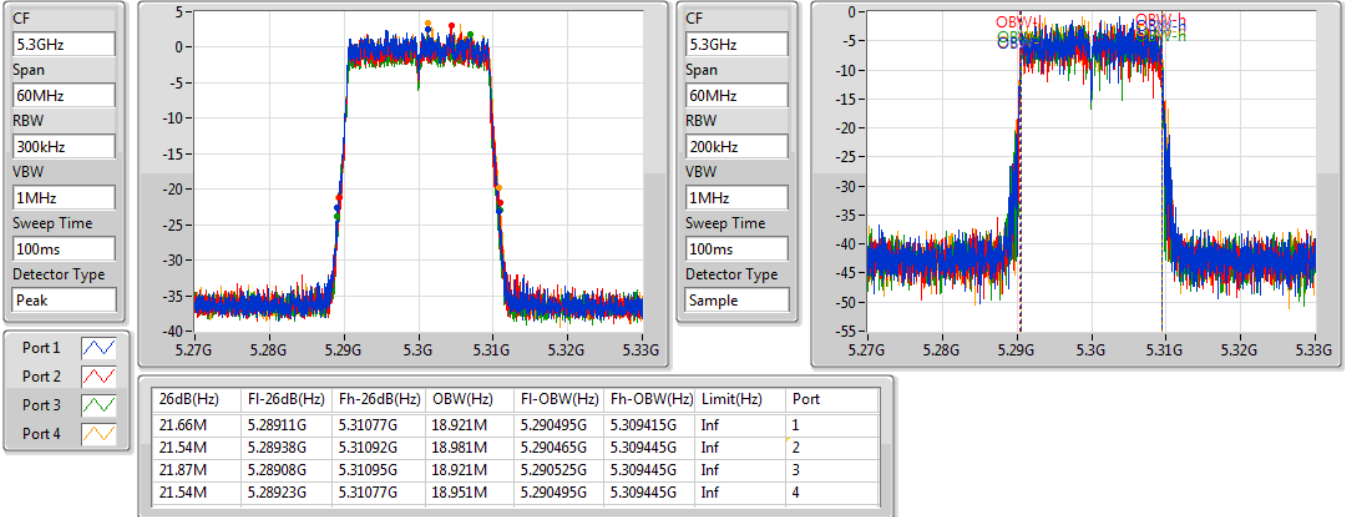

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

04/11/2019

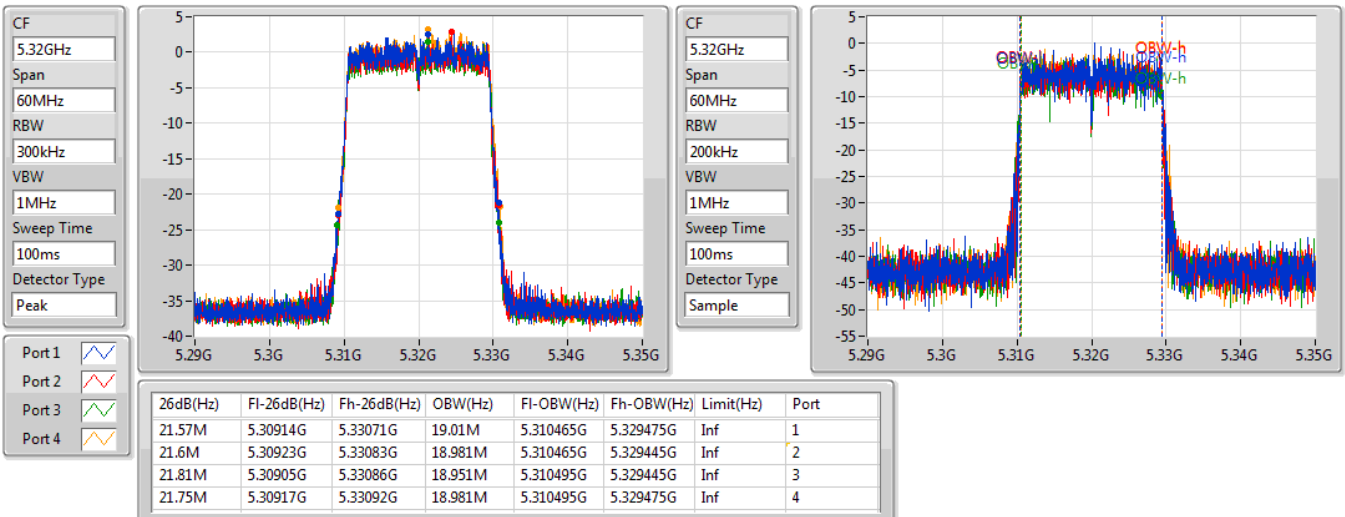


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

04/11/2019

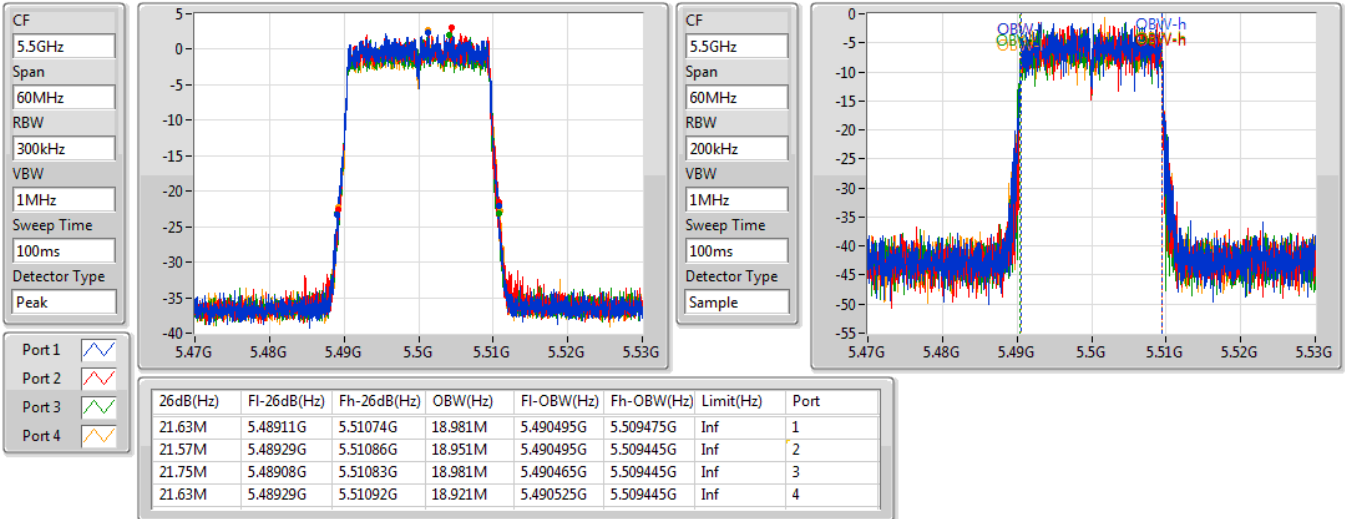

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

04/11/2019

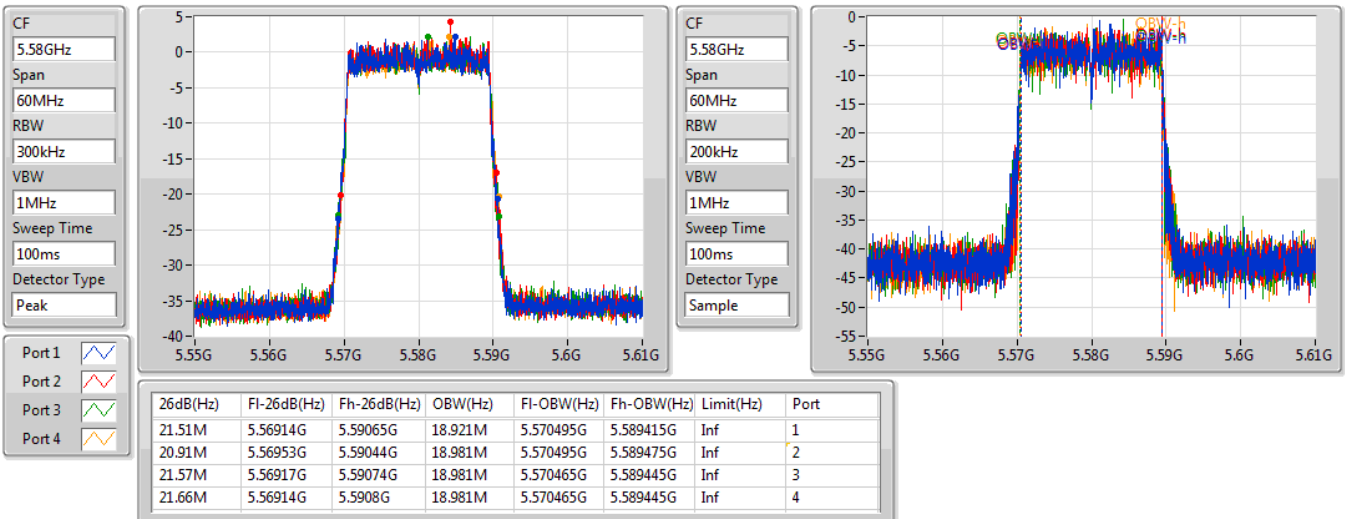


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

04/11/2019

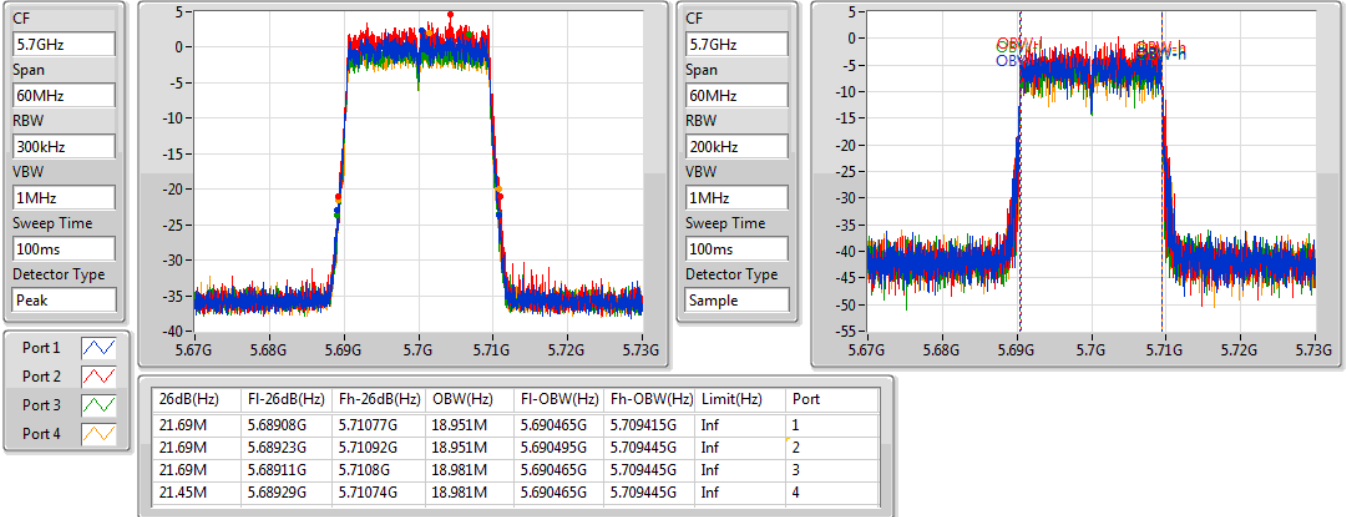

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

04/11/2019

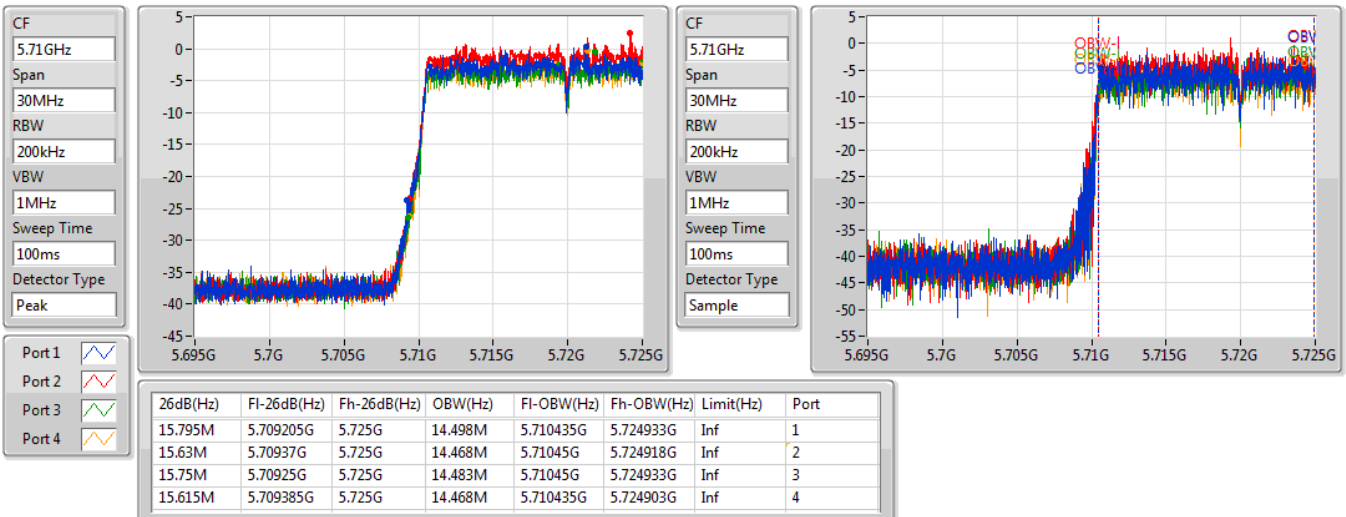


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

04/11/2019

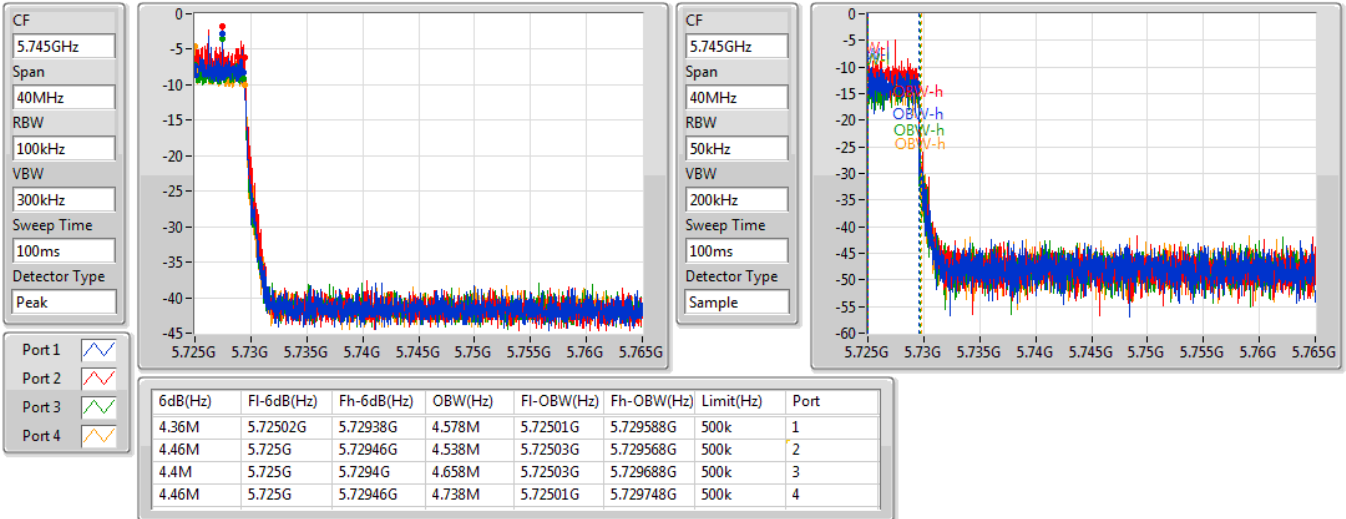

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/11/2019

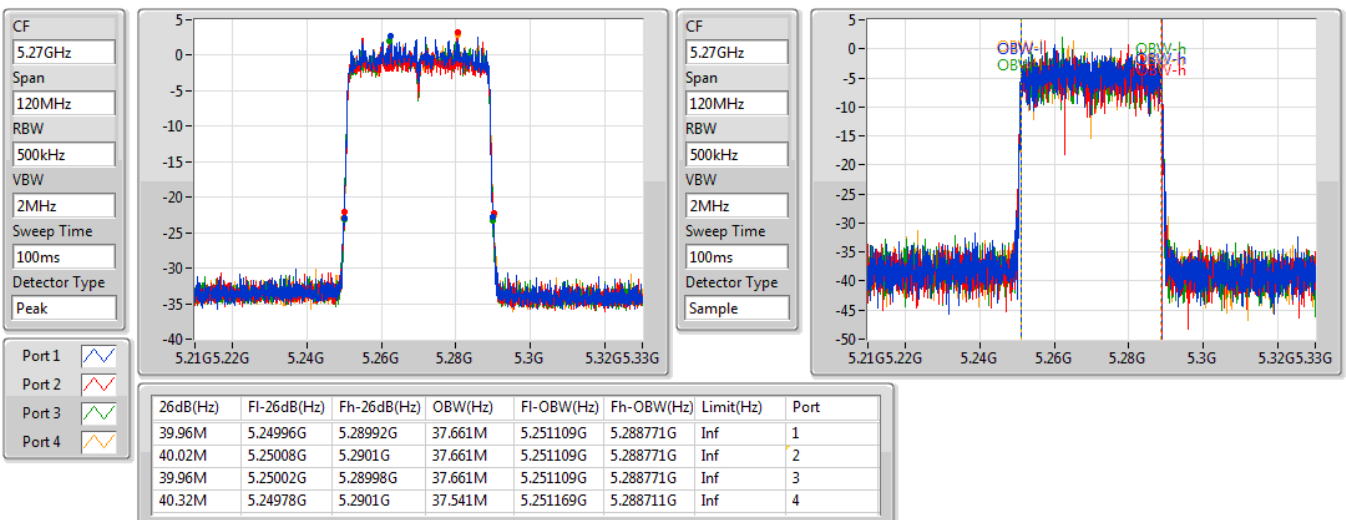


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/11/2019

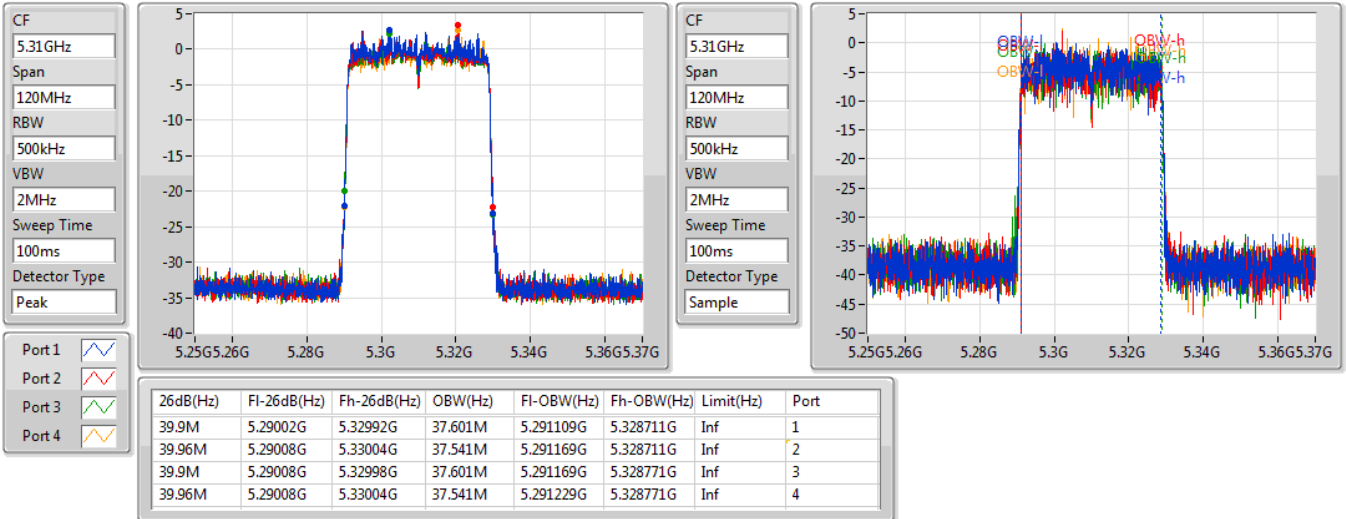

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

04/11/2019

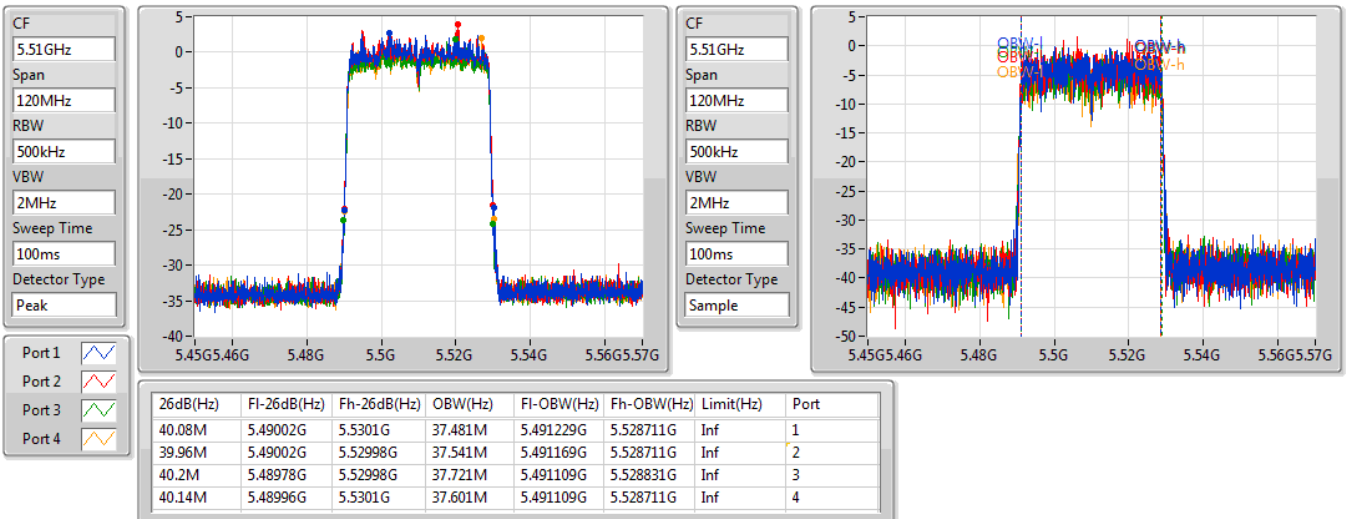


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

04/11/2019

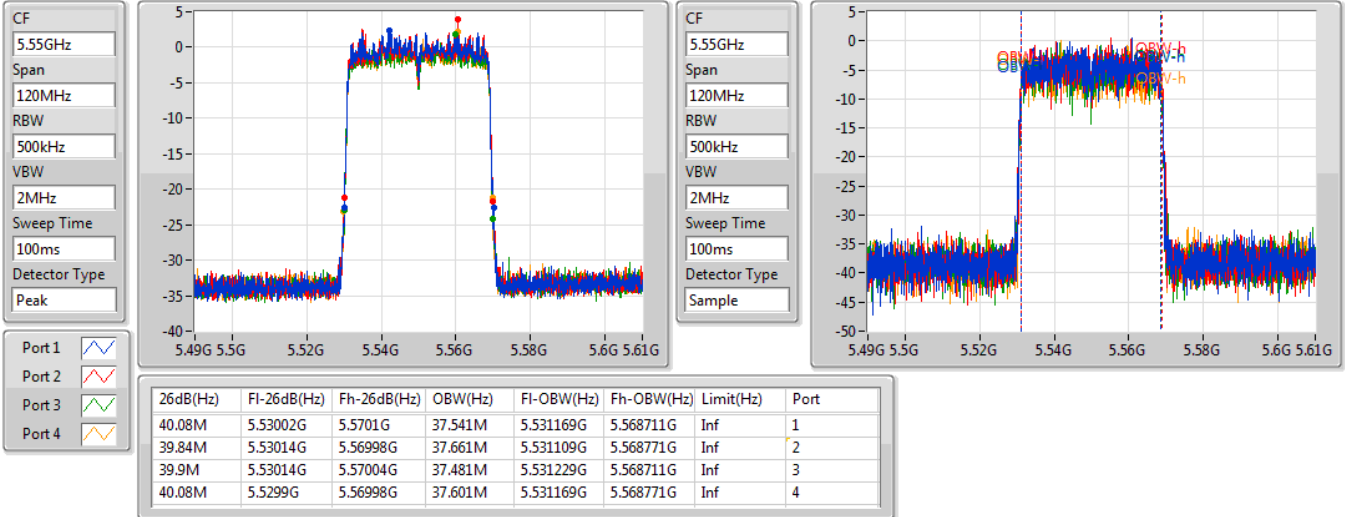

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

04/11/2019

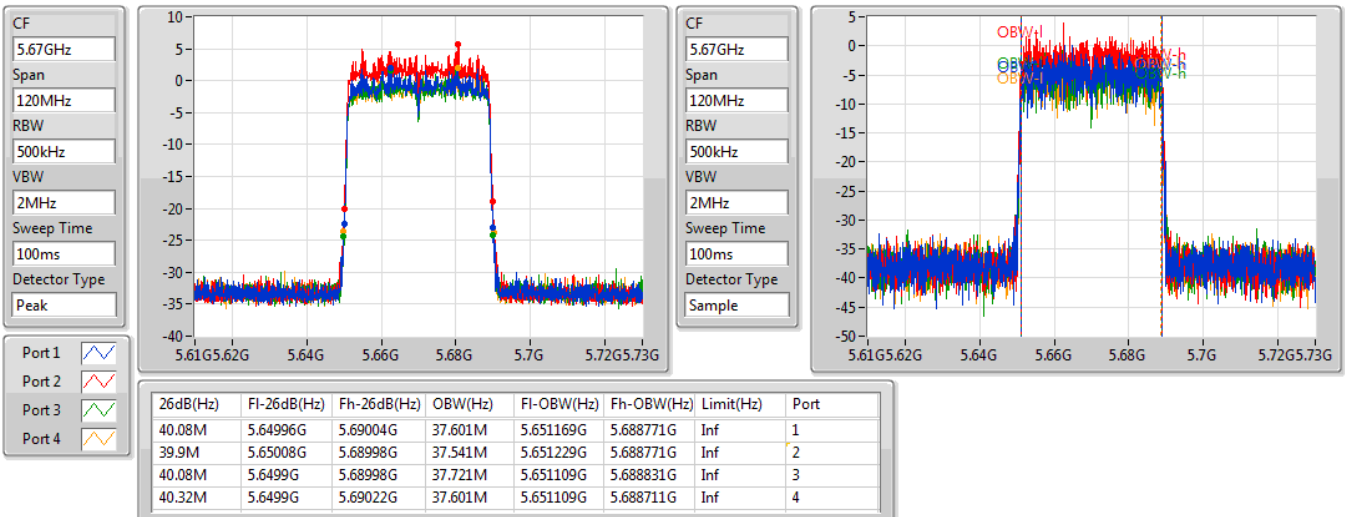


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

04/11/2019

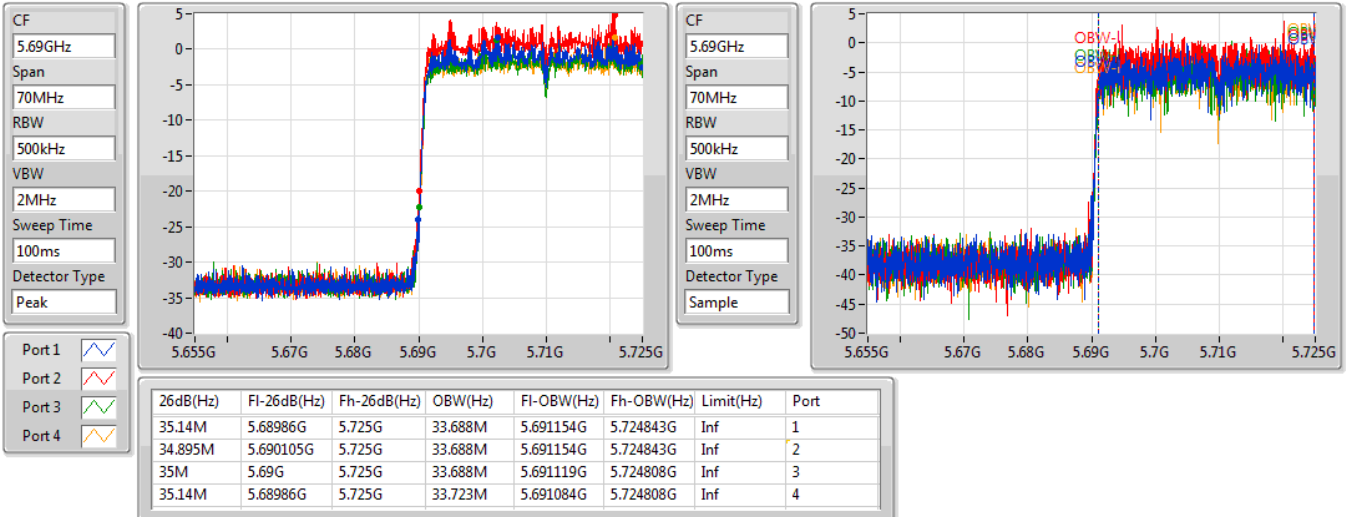

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

04/11/2019

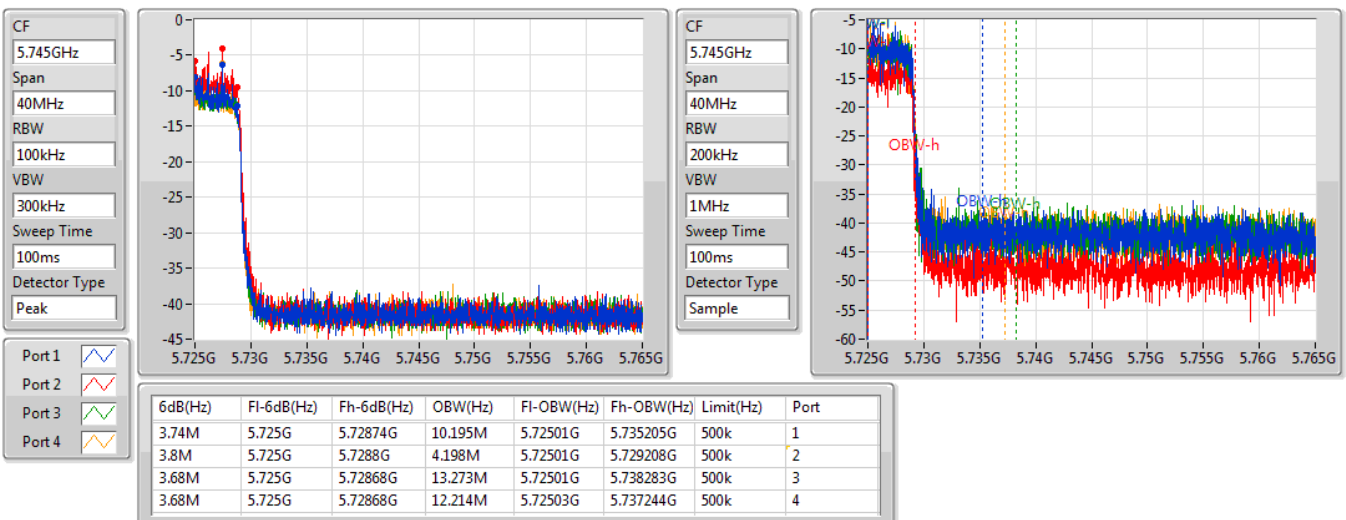


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/11/2019

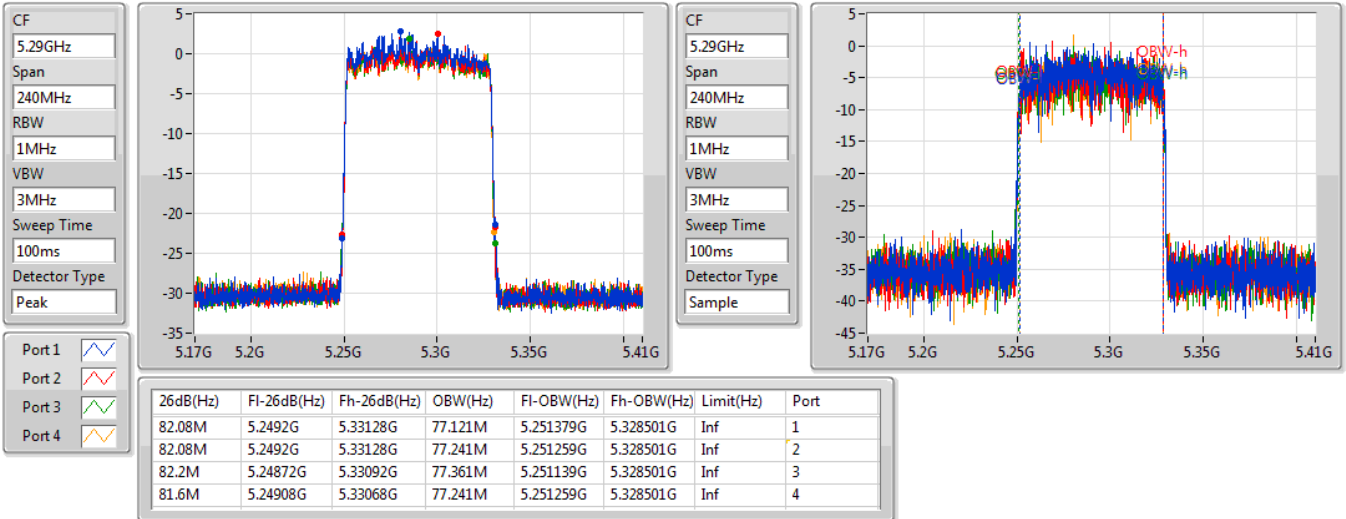

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

04/11/2019

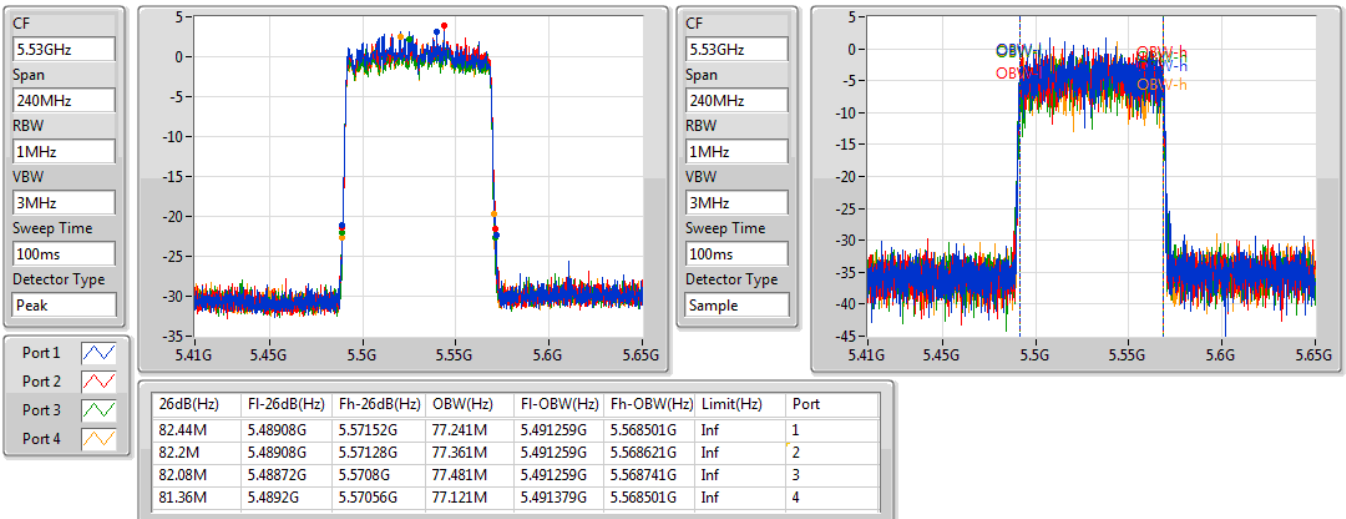


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

04/11/2019

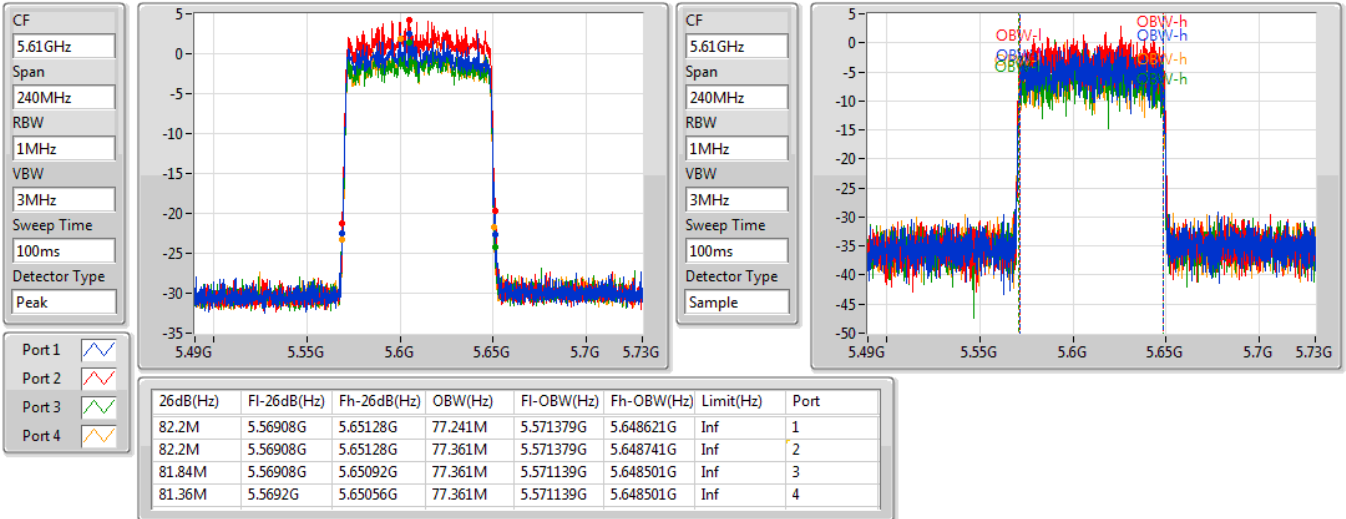

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

04/11/2019

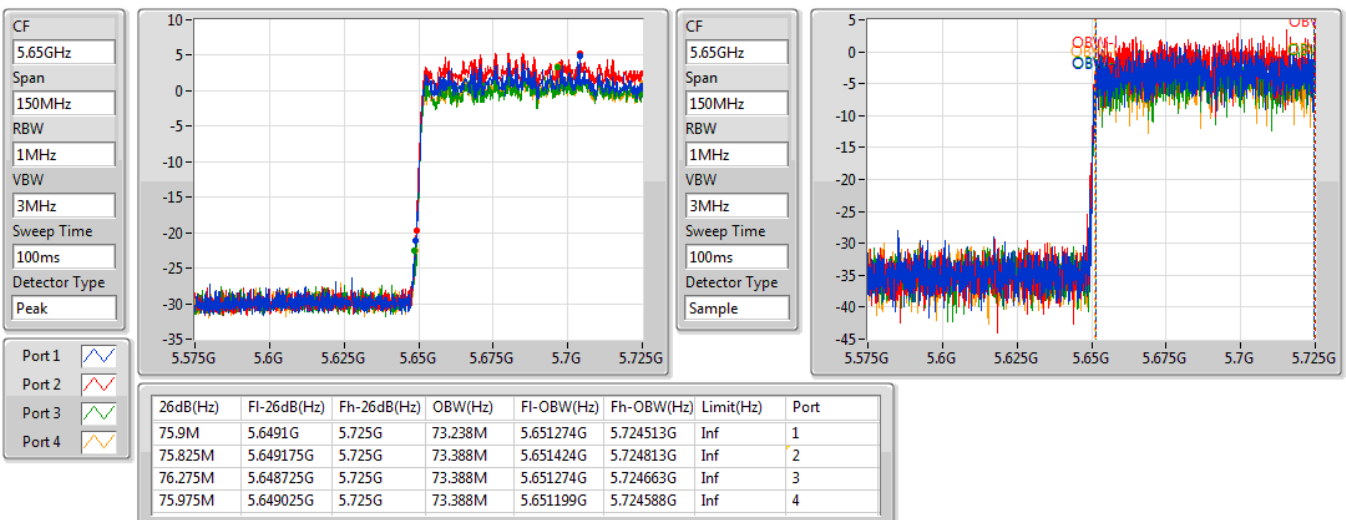


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

04/11/2019

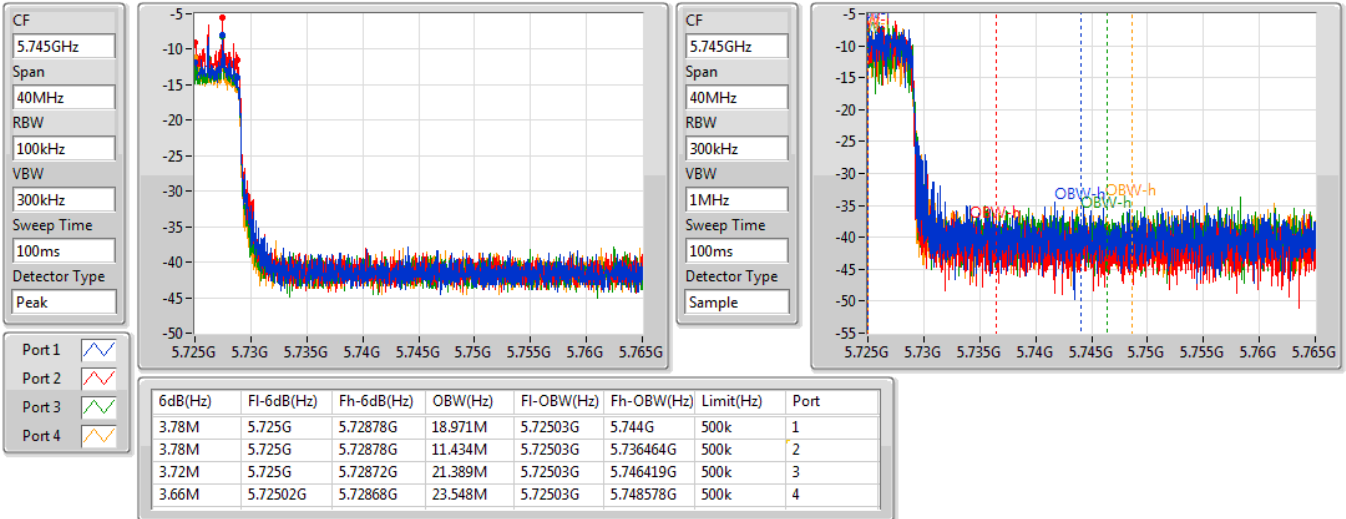

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

04/11/2019

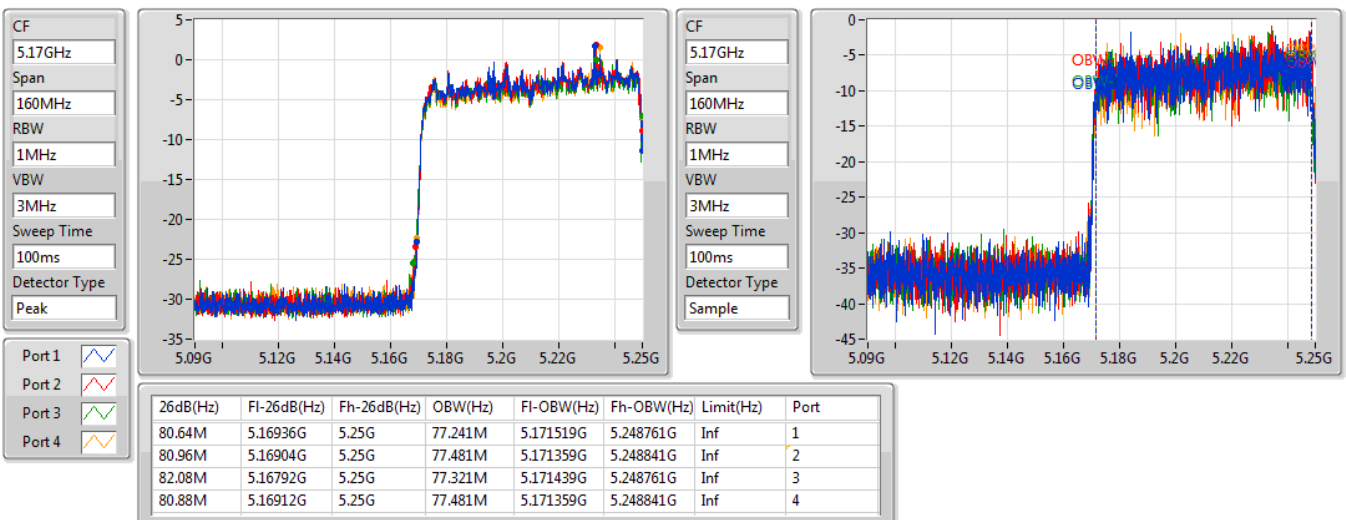


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

04/11/2019

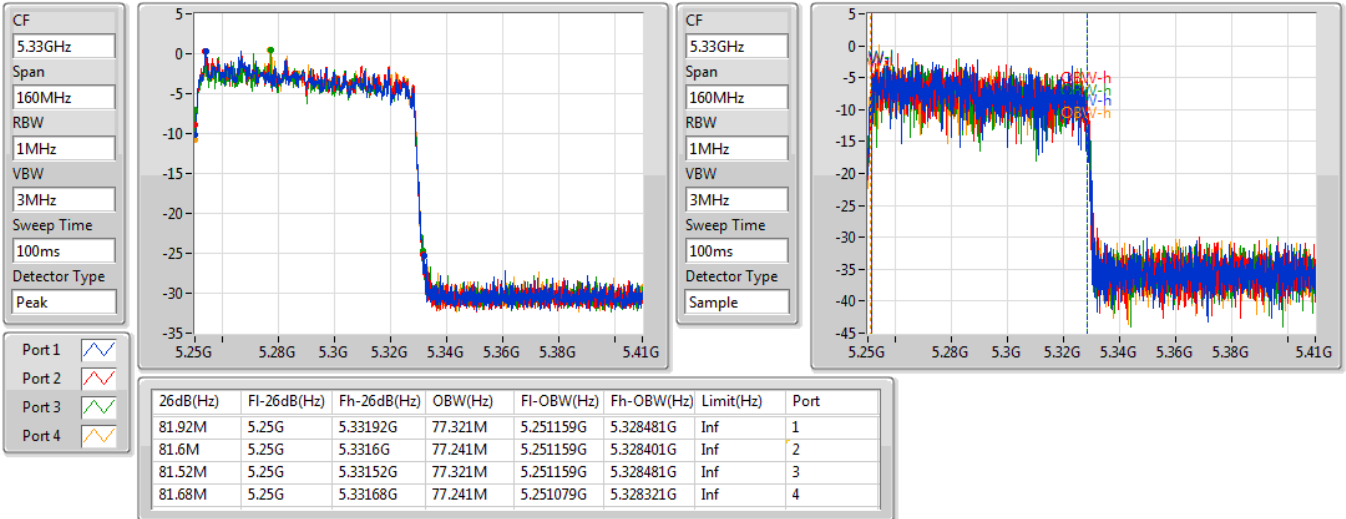

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

04/11/2019

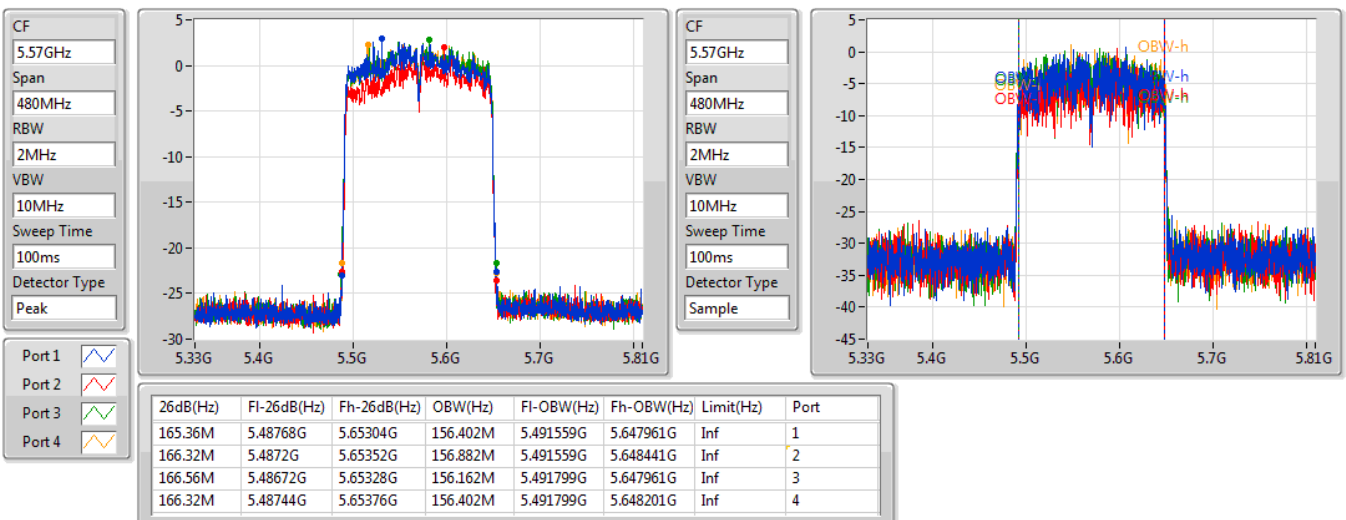


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

04/11/2019


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5570MHz

04/11/2019



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	82.24M	75.962M	76M0D1D	81.2M	75.802M
802.11ax HEW160_Nss4,(MCS0)_4TX	82M	77.401M	77M4D1D	81.04M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.93M	17.811M	17M8D1D	21.48M	17.721M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.14M	36.342M	36M3D1D	39.6M	36.162M
802.11ac VHT80_Nss4,(MCS0)_4TX	82.44M	76.042M	76M0D1D	81.36M	75.802M
802.11ac VHT160_Nss4,(MCS0)_4TX	136.32M	75.962M	76M0D1D	81.36M	75.802M
802.11ax HEW20_Nss4,(MCS0)_4TX	21.87M	19.07M	19M1D1D	21.42M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.2M	37.661M	37M7D1D	39.78M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.72M	77.241M	77M2D1D	80.88M	77.001M
802.11ax HEW160_Nss4,(MCS0)_4TX	82.8M	77.401M	77M4D1D	82M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	21.81M	17.781M	17M8D1D	15.72M	13.898M
802.11ac VHT40_Nss4,(MCS0)_4TX	40.38M	36.282M	36M3D1D	34.825M	32.989M
802.11ac VHT80_Nss4,(MCS0)_4TX	82.44M	76.162M	76M2D1D	75.6M	72.339M
802.11ac VHT160_Nss4,(MCS0)_4TX	165.84M	155.202M	155MD1D	164.16M	154.963M
802.11ax HEW20_Nss4,(MCS0)_4TX	22.05M	19.01M	19M0D1D	15.585M	14.528M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.2M	37.661M	37M7D1D	34.965M	33.688M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.08M	77.241M	77M2D1D	75.45M	73.238M
802.11ax HEW160_Nss4,(MCS0)_4TX	166.32M	156.402M	156MD1D	165.6M	156.162M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	3.74M	4.298M	4M30D1D	3.72M	4.218M
802.11ac VHT40_Nss4,(MCS0)_4TX	3.2M	3.838M	3M84D1D	3.08M	3.638M
802.11ac VHT80_Nss4,(MCS0)_4TX	3.1M	14.813M	14M8D1D	3.06M	4.858M
802.11ax HEW20_Nss4,(MCS0)_4TX	4.34M	4.518M	4M52D1D	4.04M	4.478M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.88M	4.038M	4M04D1D	3.34M	3.998M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.76M	9.395M	9M40D1D	3.14M	4.258M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	17.781M	21.75M	17.751M	21.48M	17.781M	21.57M	17.721M
5300MHz	Pass	Inf	21.66M	17.721M	21.72M	17.811M	21.6M	17.751M	21.6M	17.751M
5320MHz	Pass	Inf	21.75M	17.751M	21.93M	17.751M	21.48M	17.781M	21.75M	17.781M
5500MHz	Pass	Inf	21.69M	17.751M	21.69M	17.781M	21.63M	17.781M	21.66M	17.721M
5580MHz	Pass	Inf	21.6M	17.751M	21.81M	17.751M	21.54M	17.781M	21.72M	17.721M
5700MHz	Pass	Inf	21.72M	17.751M	21.78M	17.781M	21.54M	17.751M	21.81M	17.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	13.898M	15.81M	13.913M	15.765M	13.913M	15.72M	13.928M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.278M	3.74M	4.258M	3.72M	4.218M	3.72M	4.298M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	36.222M	39.78M	36.222M	39.72M	36.282M	39.9M	36.342M
5310MHz	Pass	Inf	40.14M	36.222M	39.78M	36.222M	39.72M	36.222M	39.6M	36.162M
5510MHz	Pass	Inf	40.08M	36.282M	39.84M	36.222M	39.96M	36.282M	39.9M	36.282M
5550MHz	Pass	Inf	40.38M	36.162M	39.96M	36.282M	39.9M	36.282M	39.9M	36.222M
5670MHz	Pass	Inf	40.26M	36.282M	39.9M	36.282M	40.08M	36.282M	39.72M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.28M	33.023M	34.825M	33.128M	35M	32.989M	34.86M	33.163M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.678M	3.2M	3.638M	3.1M	3.658M	3.08M	3.838M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	75.802M	81.84M	76.042M	81.36M	75.922M	82.08M	76.042M
5530MHz	Pass	Inf	82.44M	75.802M	81.72M	75.922M	81.72M	75.802M	81.84M	75.682M
5610MHz	Pass	Inf	81.36M	75.682M	81.6M	76.162M	81.36M	75.682M	81.6M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	72.564M	75.75M	72.639M	75.6M	72.564M	75.825M	72.339M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	8.316M	3.08M	5.577M	3.1M	4.858M	3.06M	14.813M
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82M	75.802M	82.24M	75.882M	82.16M	75.962M	81.2M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	84.16M	75.882M	136.32M	75.962M	81.36M	75.802M	82.16M	75.962M
5570MHz	Pass	Inf	164.16M	155.202M	165.84M	154.963M	164.4M	154.963M	164.64M	154.963M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	18.981M	21.87M	18.981M	21.51M	19.07M	21.72M	18.981M
5300MHz	Pass	Inf	21.66M	19.01M	21.84M	19.01M	21.45M	18.981M	21.63M	18.981M
5320MHz	Pass	Inf	21.69M	18.951M	21.87M	18.981M	21.42M	19.01M	21.48M	18.951M
5500MHz	Pass	Inf	21.72M	18.951M	21.81M	18.981M	21.39M	18.981M	21.69M	18.981M
5580MHz	Pass	Inf	21.72M	18.981M	21.9M	18.981M	21.51M	19.01M	21.72M	18.981M
5700MHz	Pass	Inf	21.69M	18.981M	22.05M	18.951M	21.42M	18.981M	21.54M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.585M	14.528M	15.93M	14.558M	15.66M	14.543M	15.84M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.34M	4.478M	4.34M	4.518M	4.04M	4.498M	4.32M	4.478M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.541M	40.14M	37.601M	39.78M	37.541M	40.2M	37.661M
5310MHz	Pass	Inf	40.08M	37.541M	40.08M	37.601M	39.84M	37.601M	40.08M	37.481M
5510MHz	Pass	Inf	40.14M	37.661M	40.14M	37.601M	39.78M	37.661M	40.02M	37.601M
5550MHz	Pass	Inf	40.2M	37.601M	40.2M	37.601M	39.9M	37.481M	39.96M	37.601M
5670MHz	Pass	Inf	40.08M	37.481M	40.02M	37.421M	39.66M	37.601M	40.08M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.688M	35.035M	33.688M	34.965M	33.723M	35.07M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.018M	3.34M	4.018M	3.78M	3.998M	3.66M	4.038M

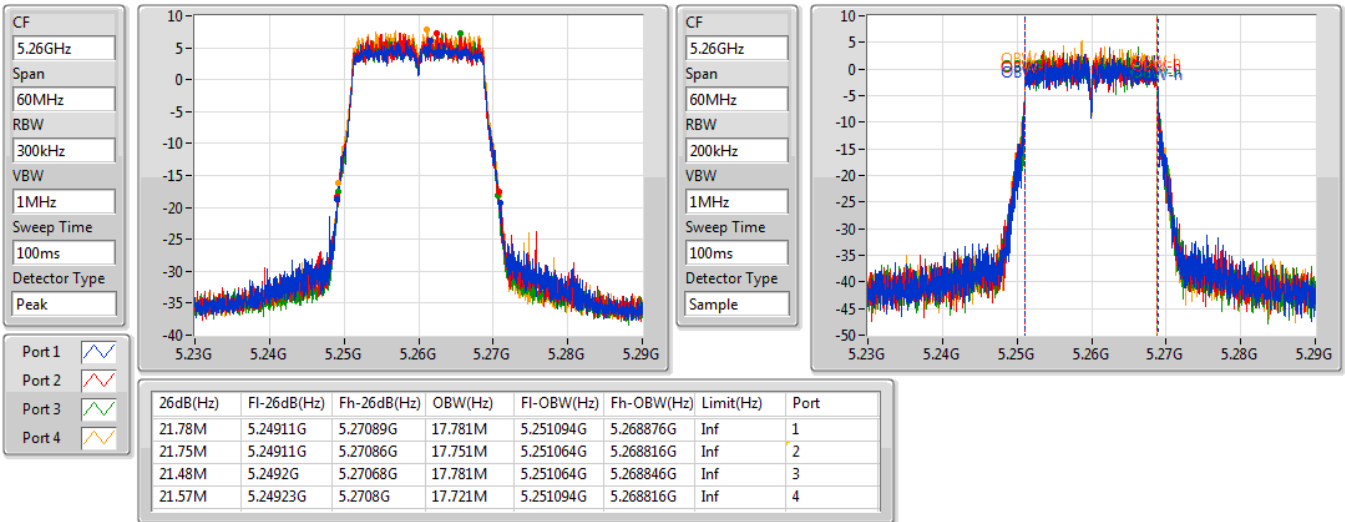
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.36M	77.001M	80.88M	77.241M	81.12M	77.121M	81.72M	77.241M
5530MHz	Pass	Inf	81.48M	77.001M	80.76M	77.121M	81.24M	77.121M	82.08M	76.882M
5610MHz	Pass	Inf	81.48M	77.241M	80.76M	77.121M	81.24M	77.121M	81.72M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	73.313M	75.45M	73.313M	75.675M	73.238M	75.825M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.918M	3.76M	4.418M	3.38M	4.258M	3.74M	9.395M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.04M	77.401M	81.12M	77.321M	82M	77.321M	81.36M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.32M	77.241M	82.8M	77.401M	82.48M	77.081M	82M	77.401M
5570MHz	Pass	Inf	165.84M	156.402M	166.08M	156.162M	165.6M	156.402M	166.32M	156.162M

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

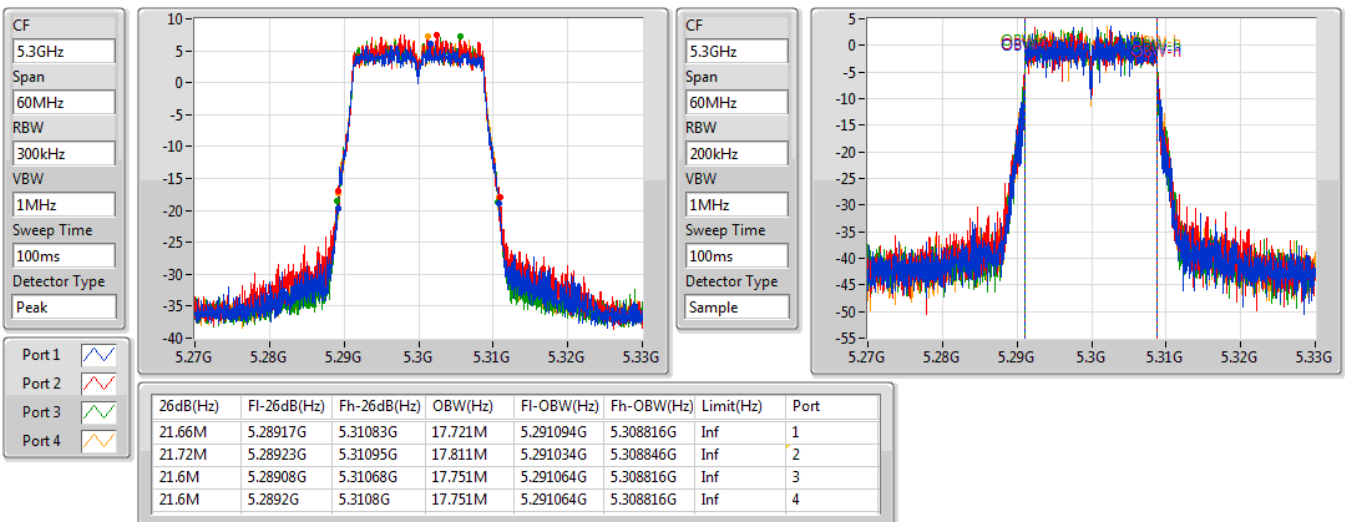
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5260MHz

04/11/2019

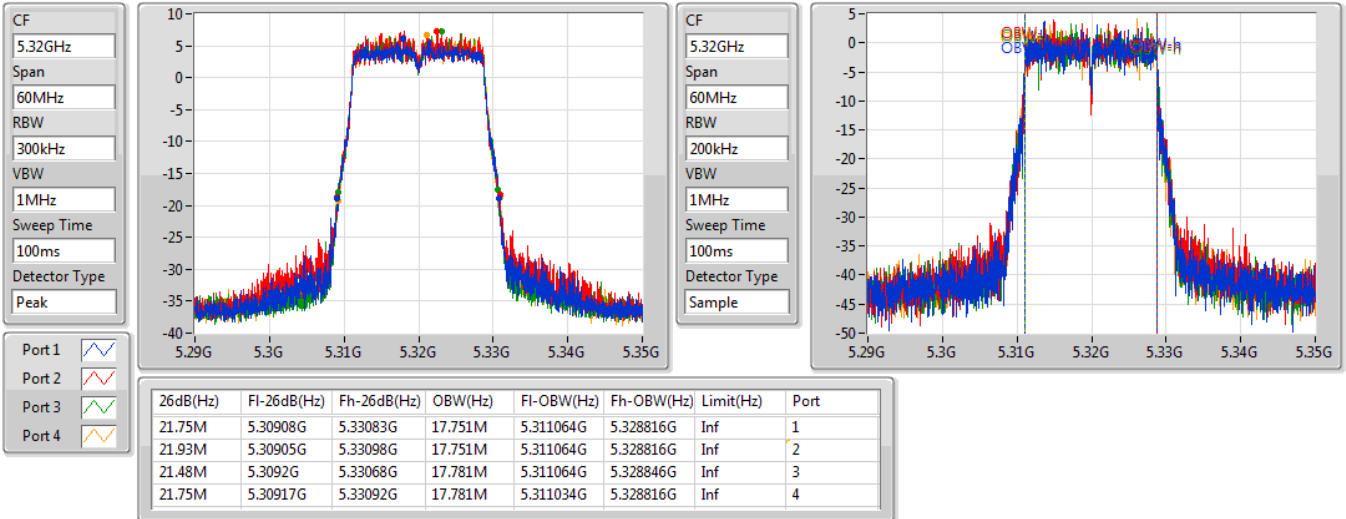

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5300MHz

04/11/2019

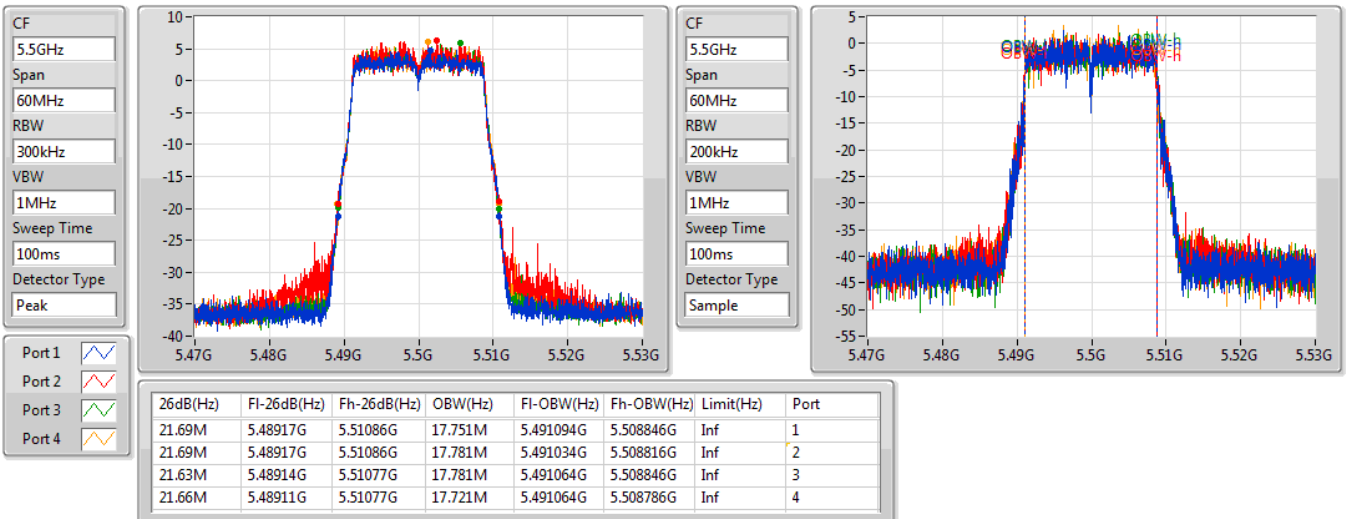


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5320MHz

04/11/2019

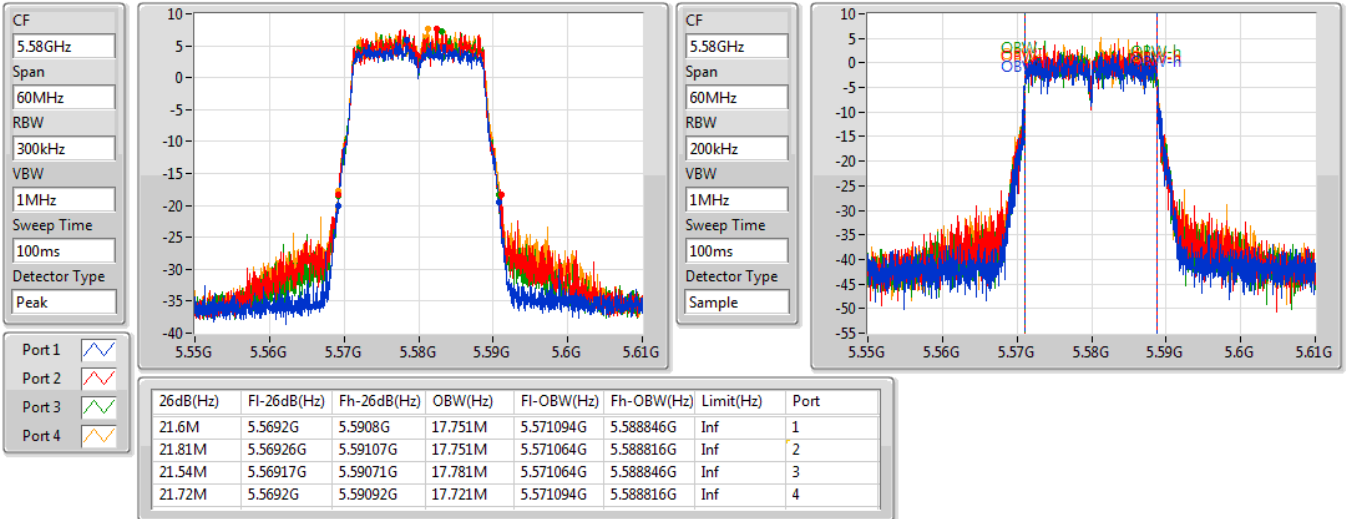

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5500MHz

04/11/2019

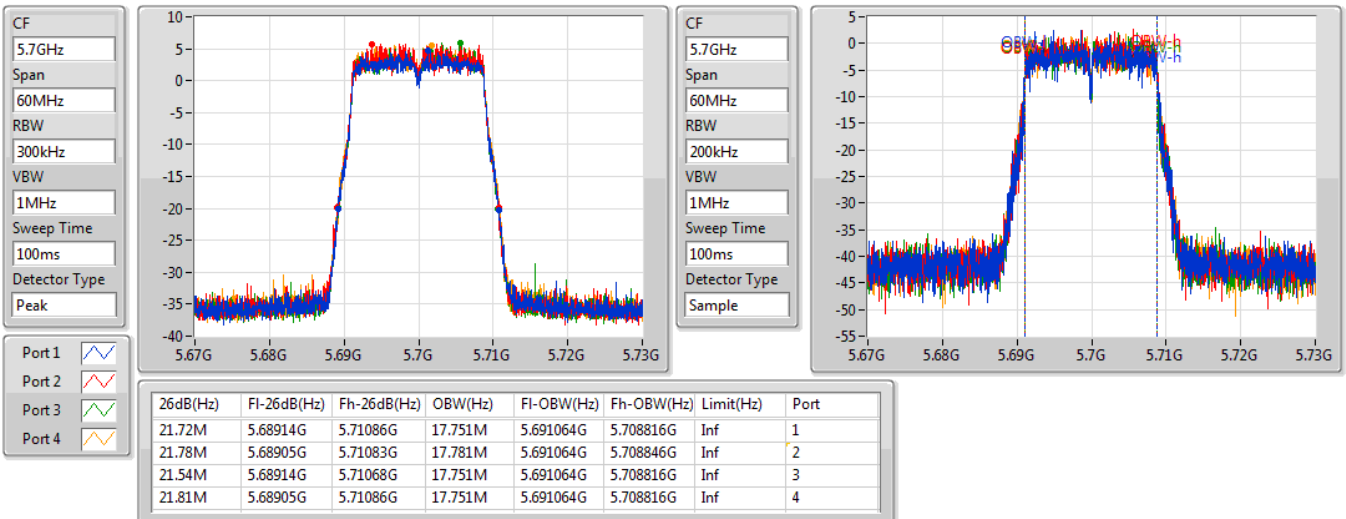


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5580MHz

04/11/2019

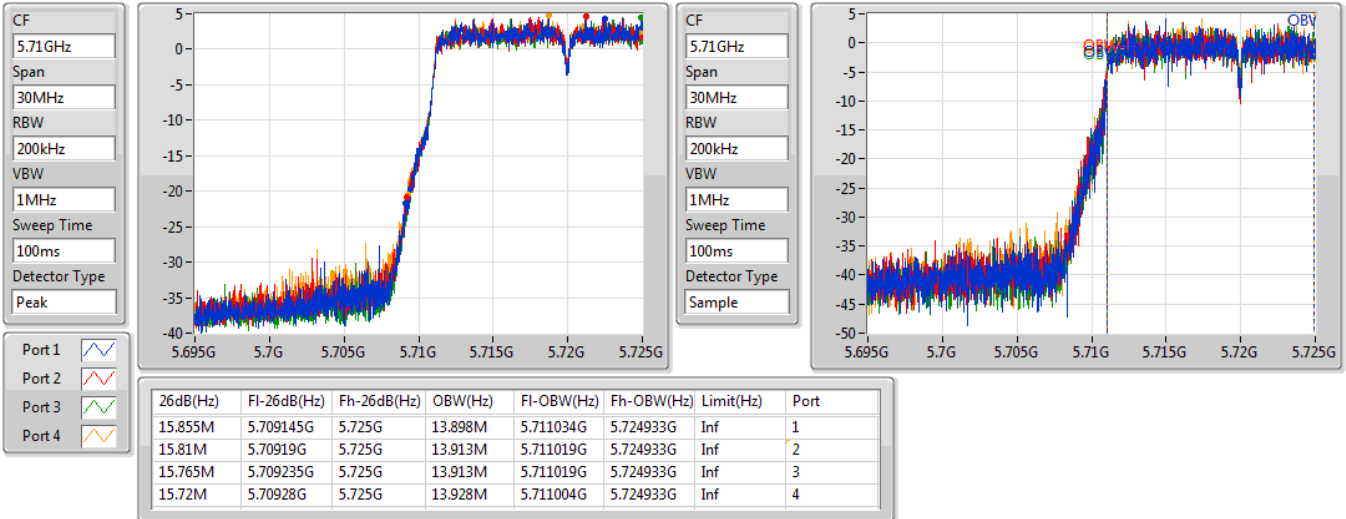

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5700MHz

04/11/2019

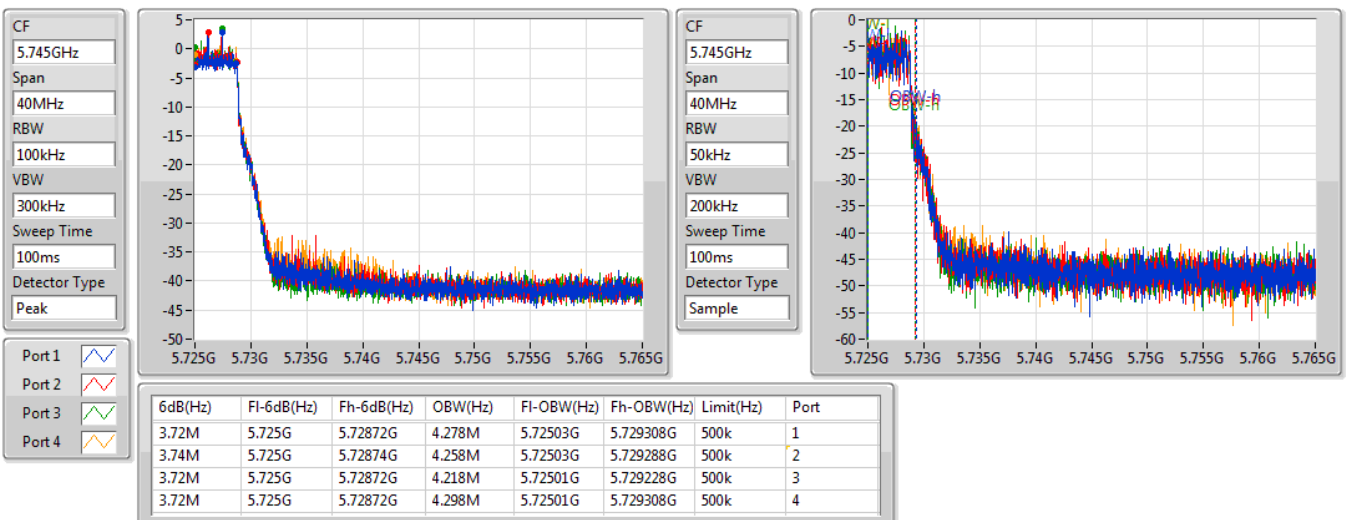


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/11/2019

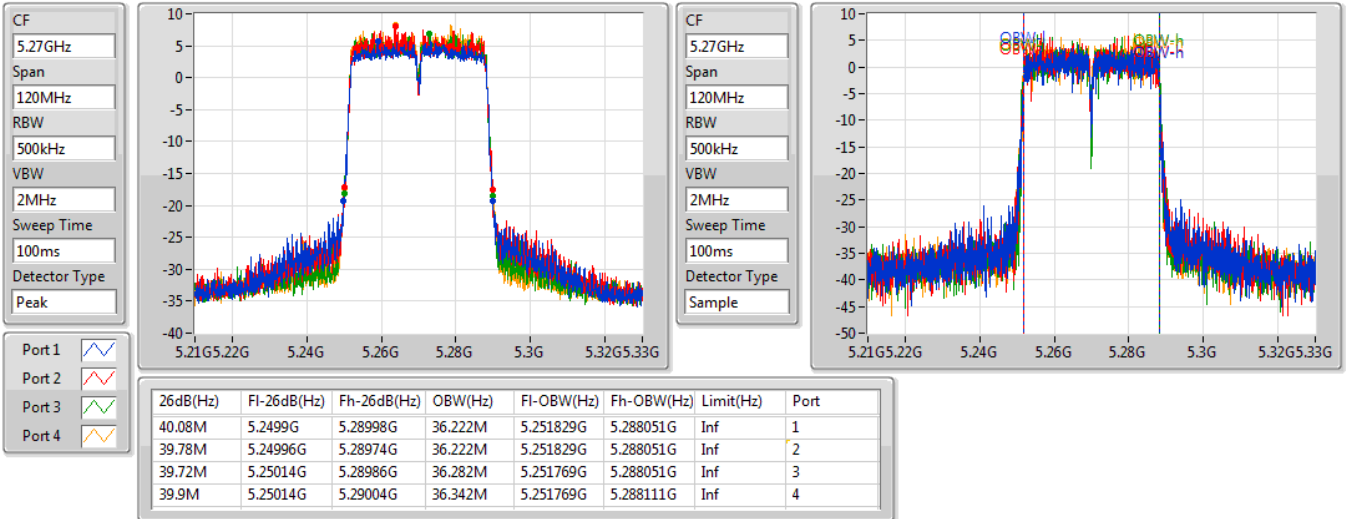

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/11/2019

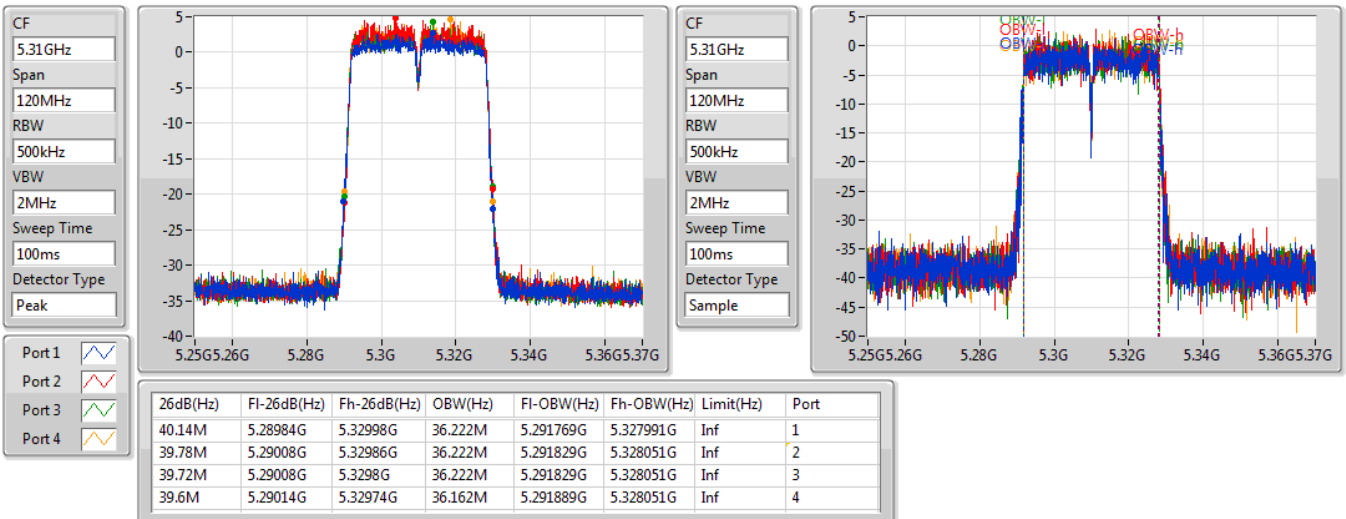


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5270MHz

04/11/2019

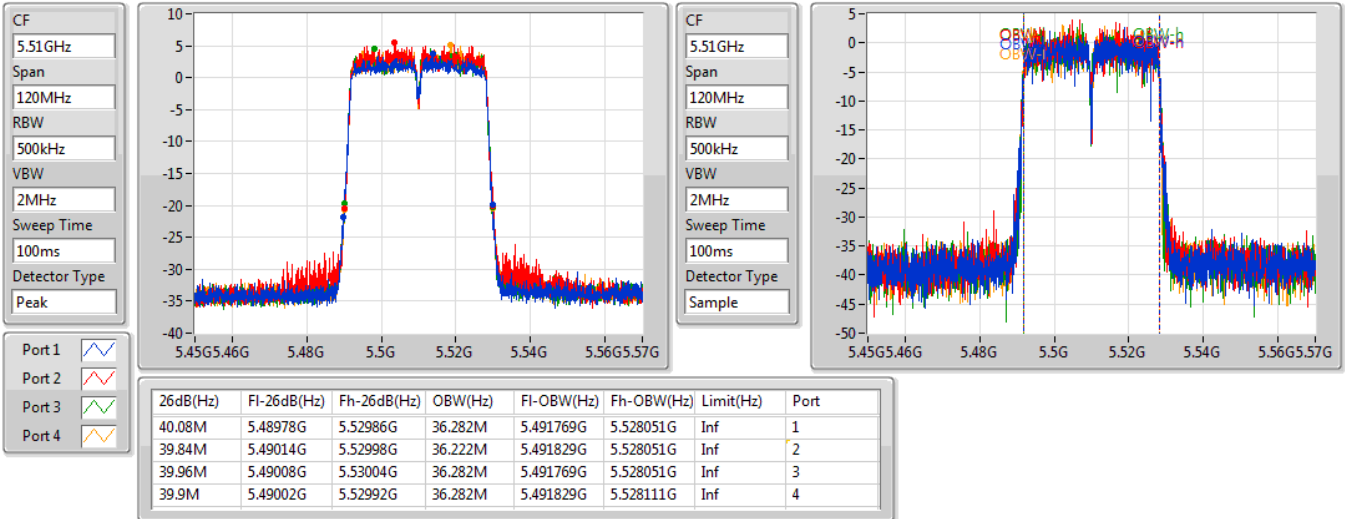

802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5310MHz

04/11/2019

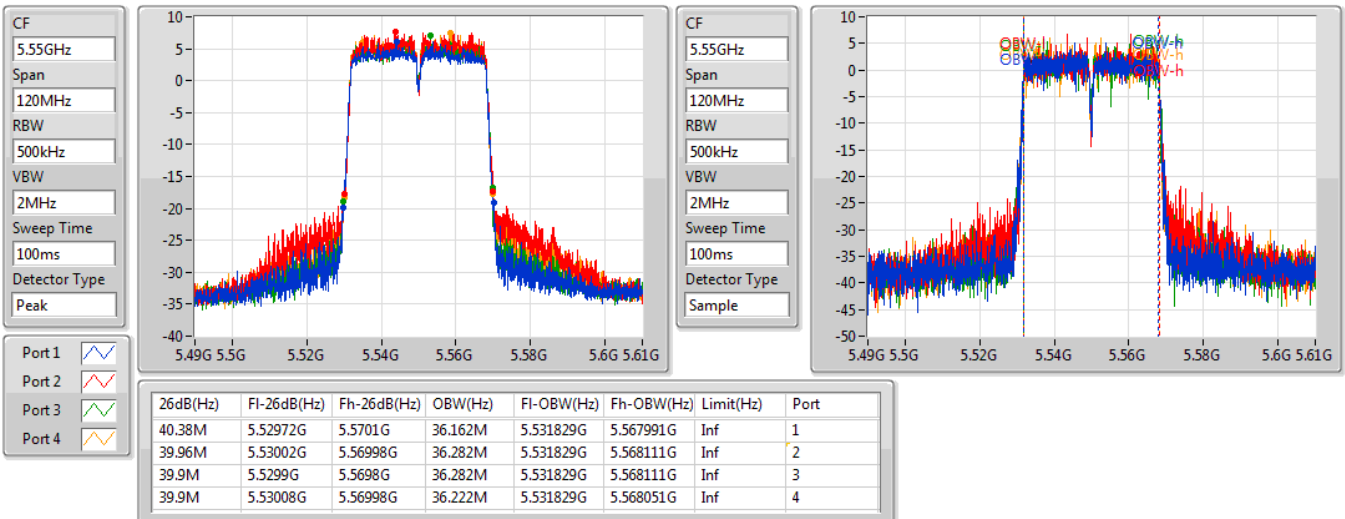


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5510MHz

04/11/2019

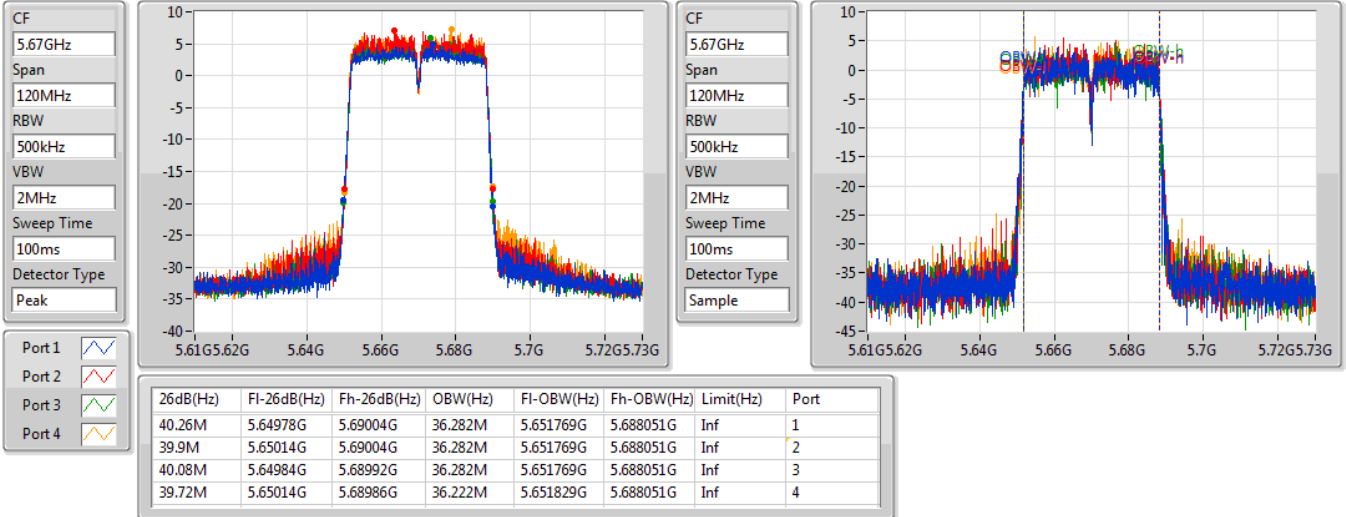

802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5550MHz

04/11/2019

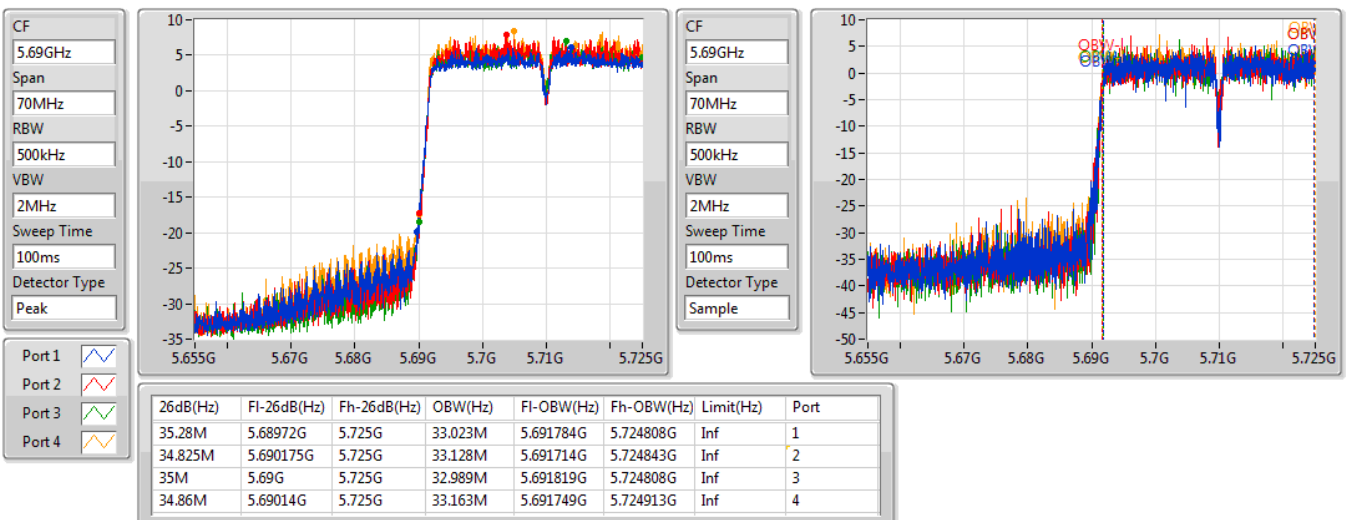


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5670MHz

04/11/2019

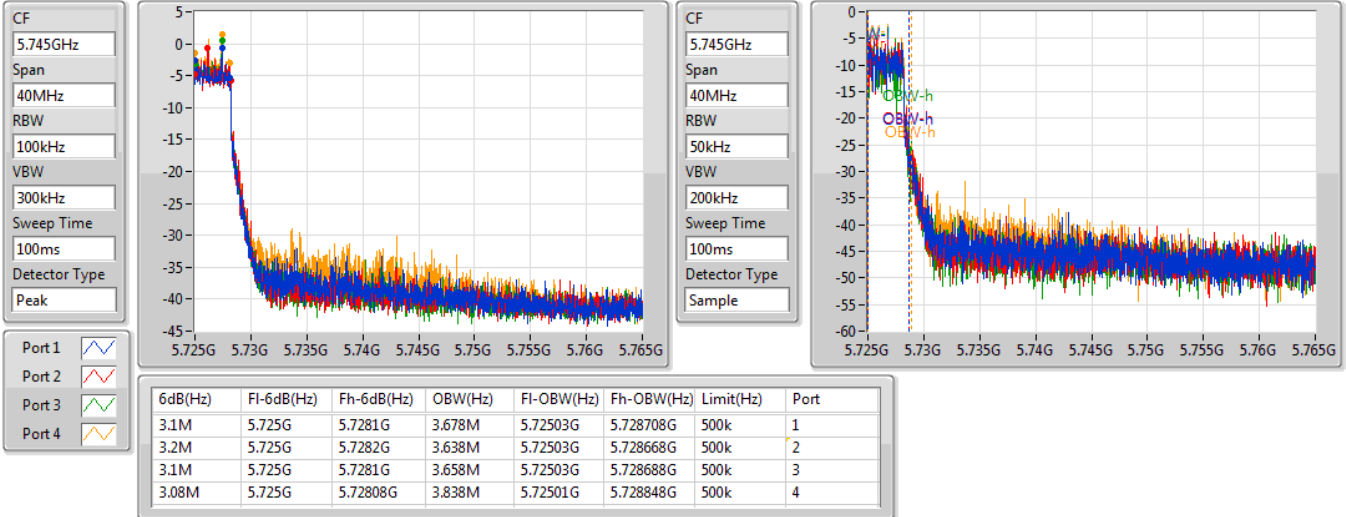

802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/11/2019

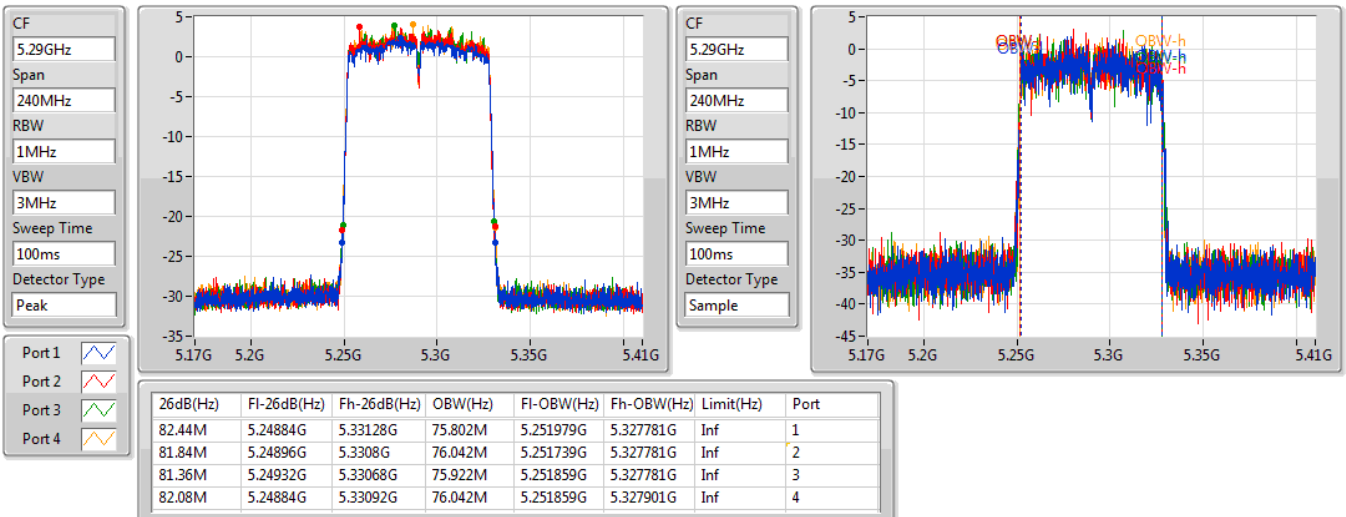


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

04/11/2019

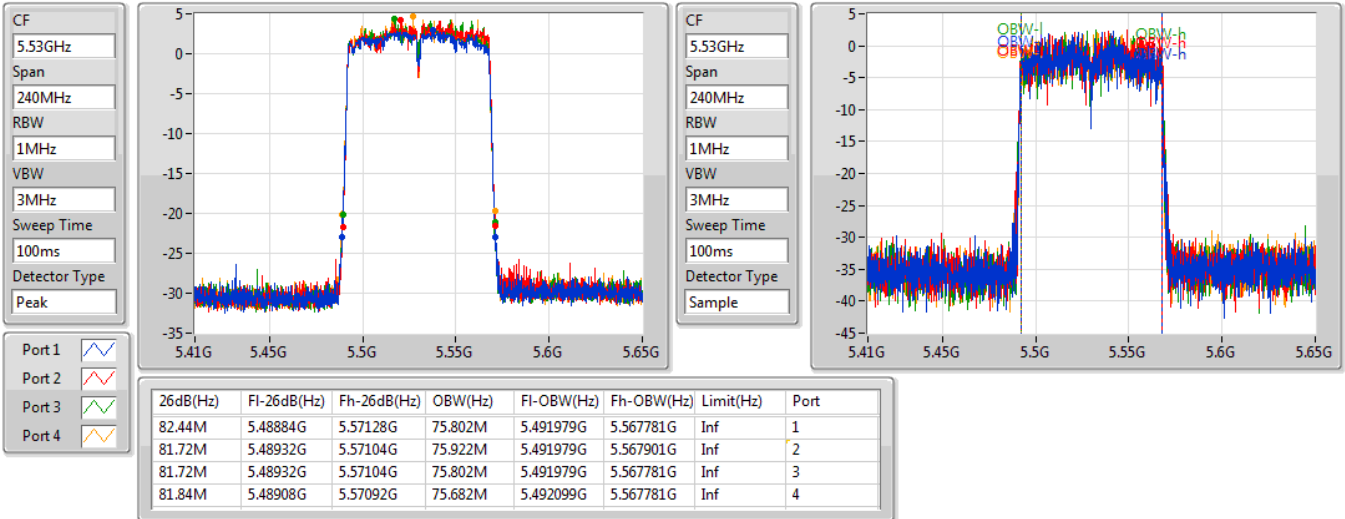

802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5290MHz

04/11/2019

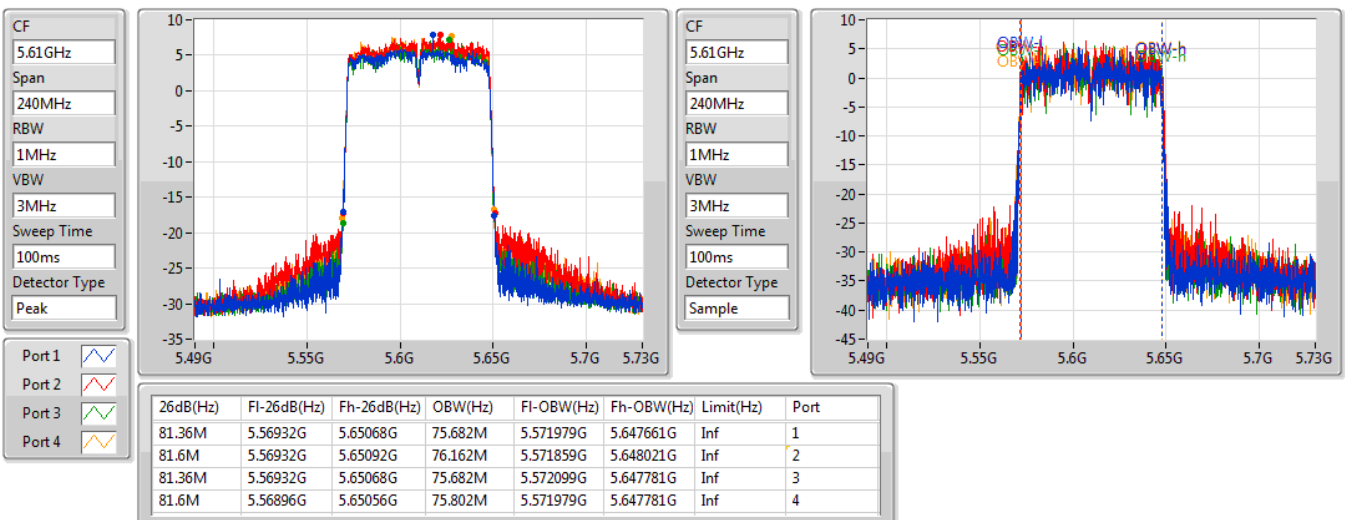


802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5530MHz

04/11/2019

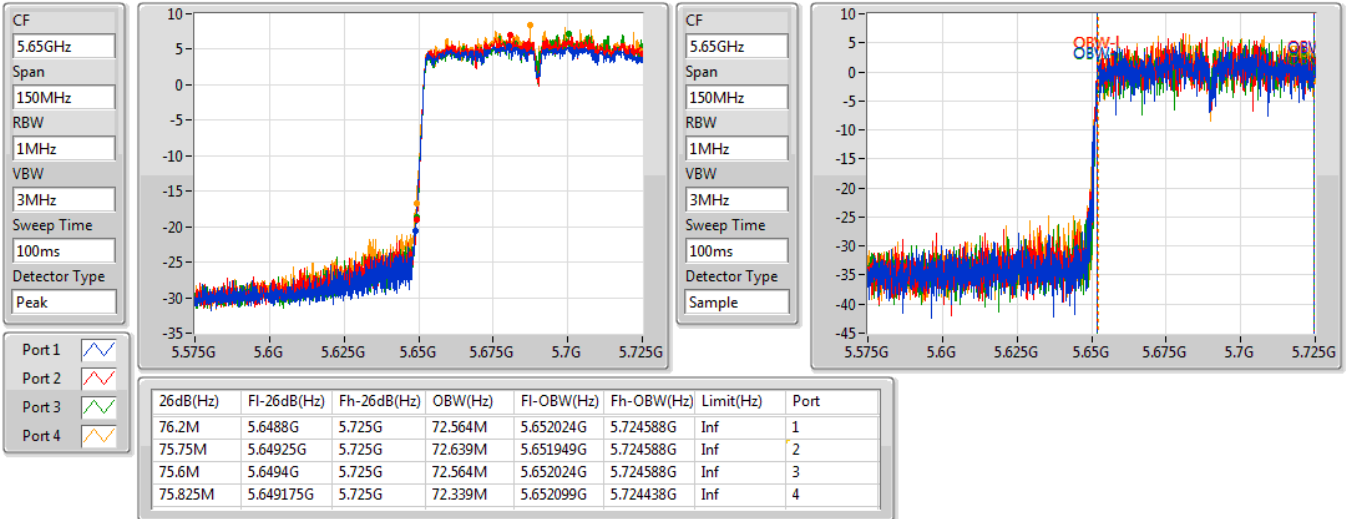

802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5610MHz

04/11/2019

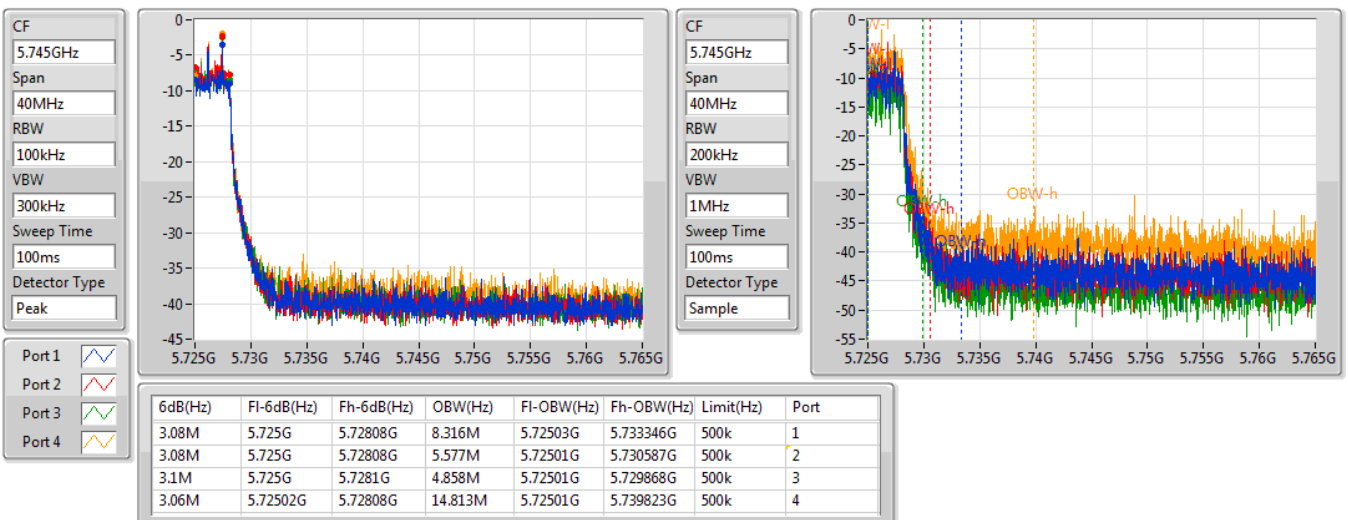


802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

04/11/2019

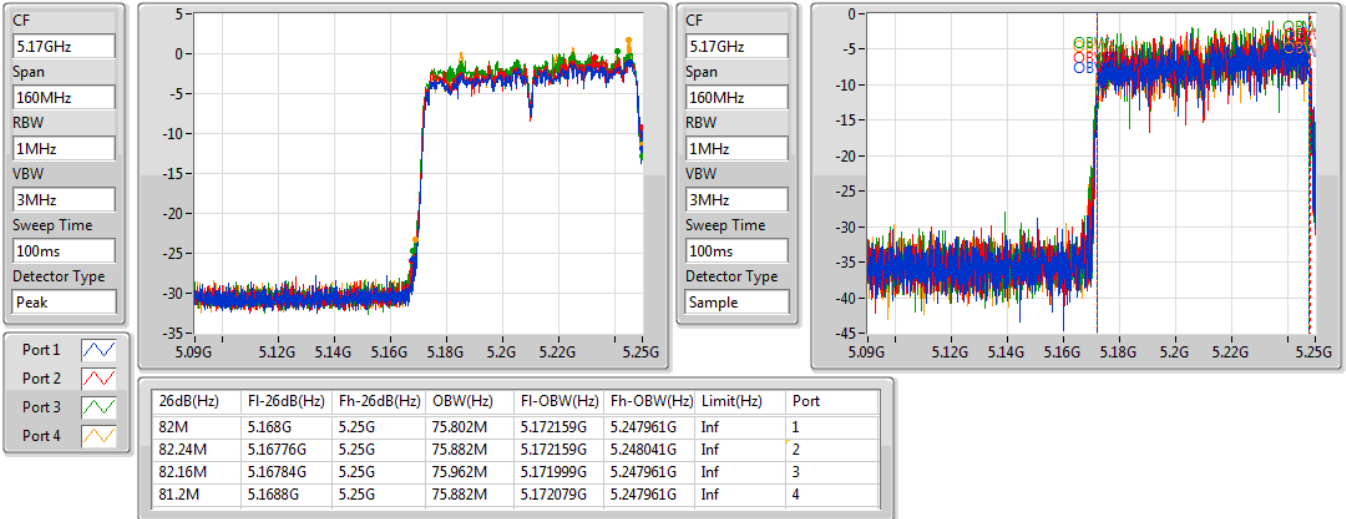

802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

04/11/2019

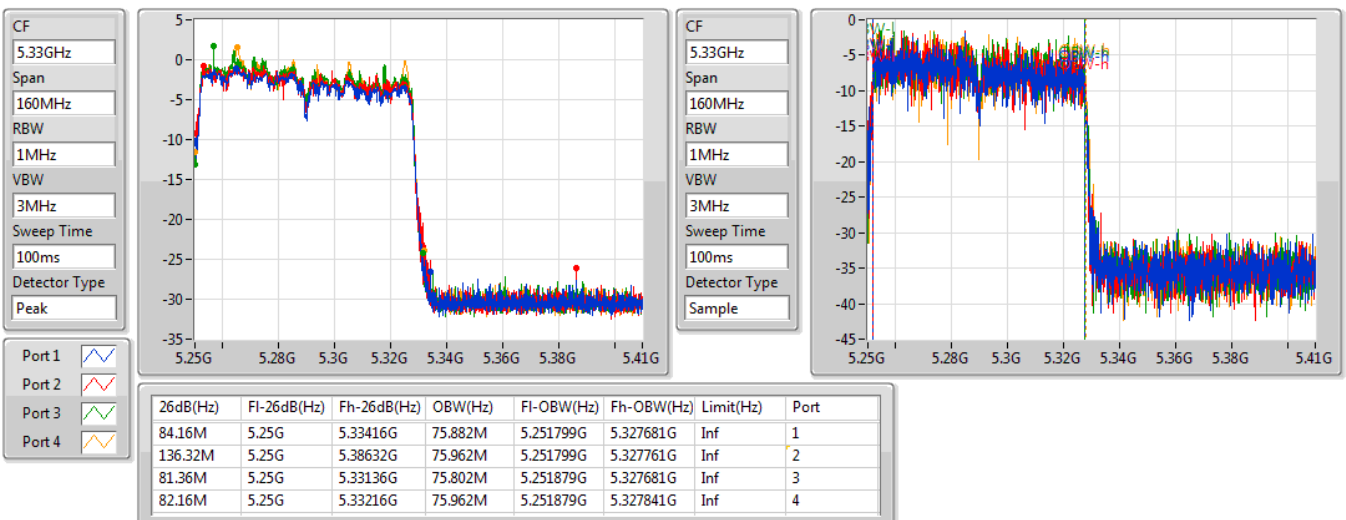


802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

04/11/2019

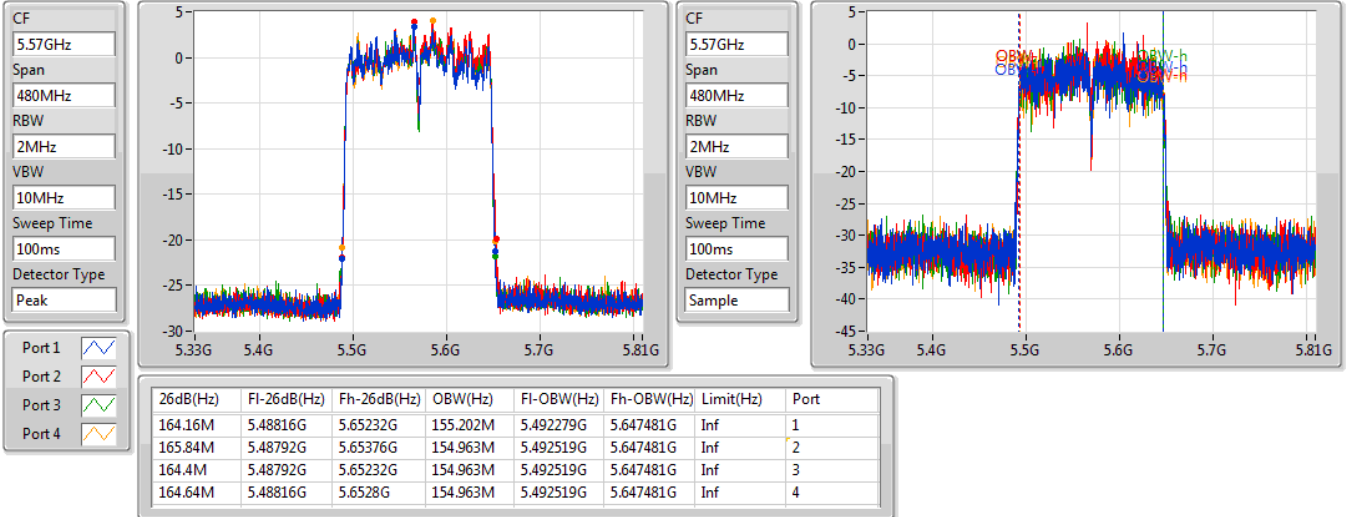

802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

04/11/2019

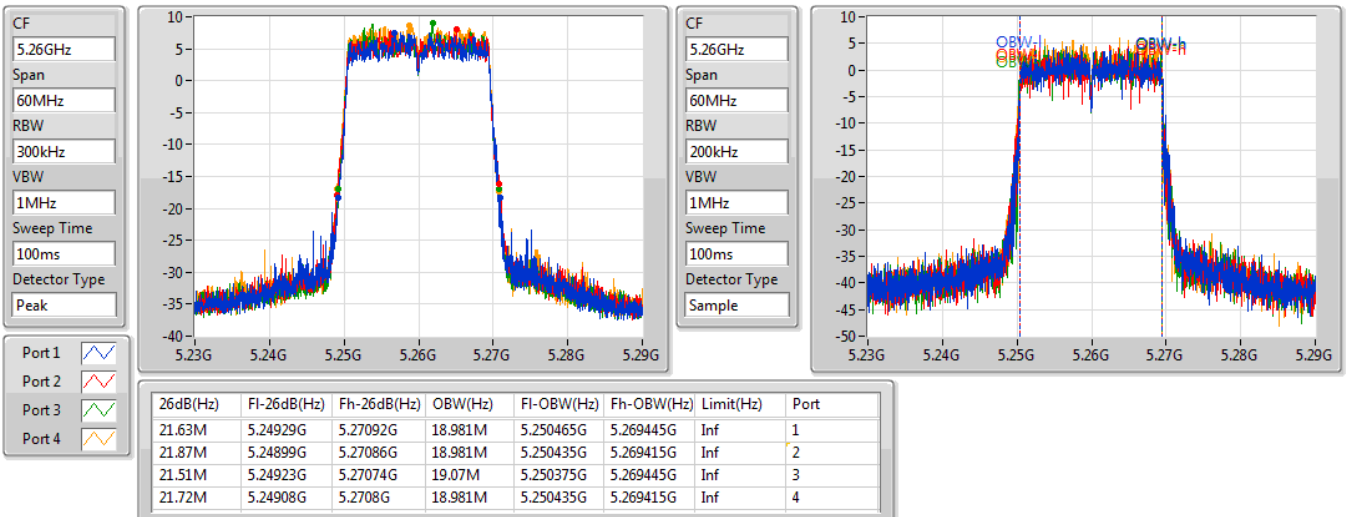


802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5570MHz

04/11/2019

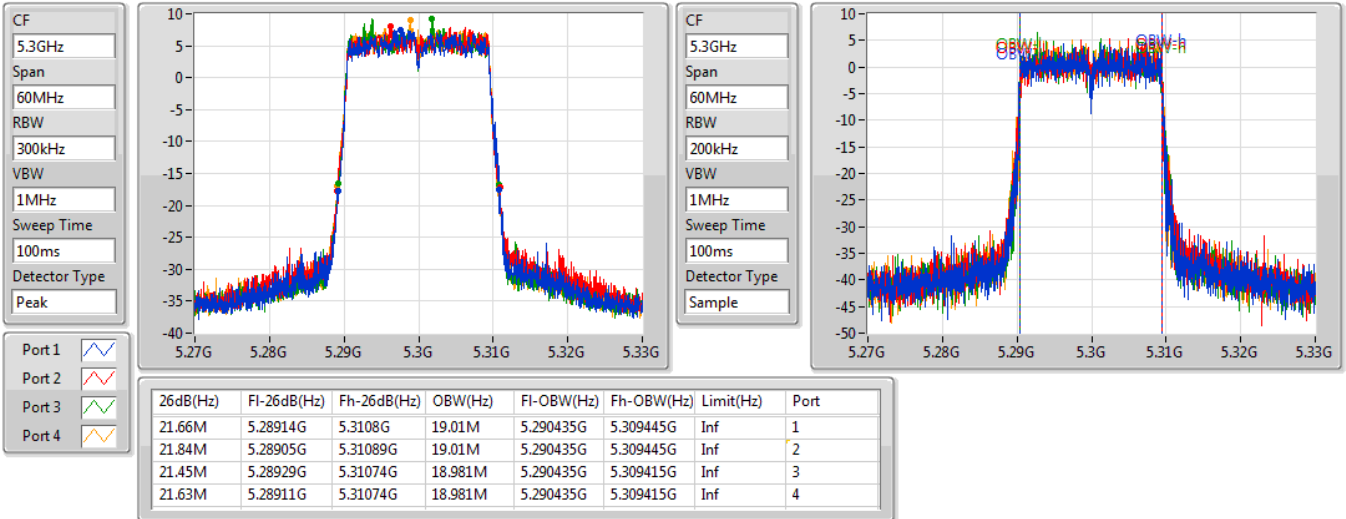

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5260MHz

03/11/2019

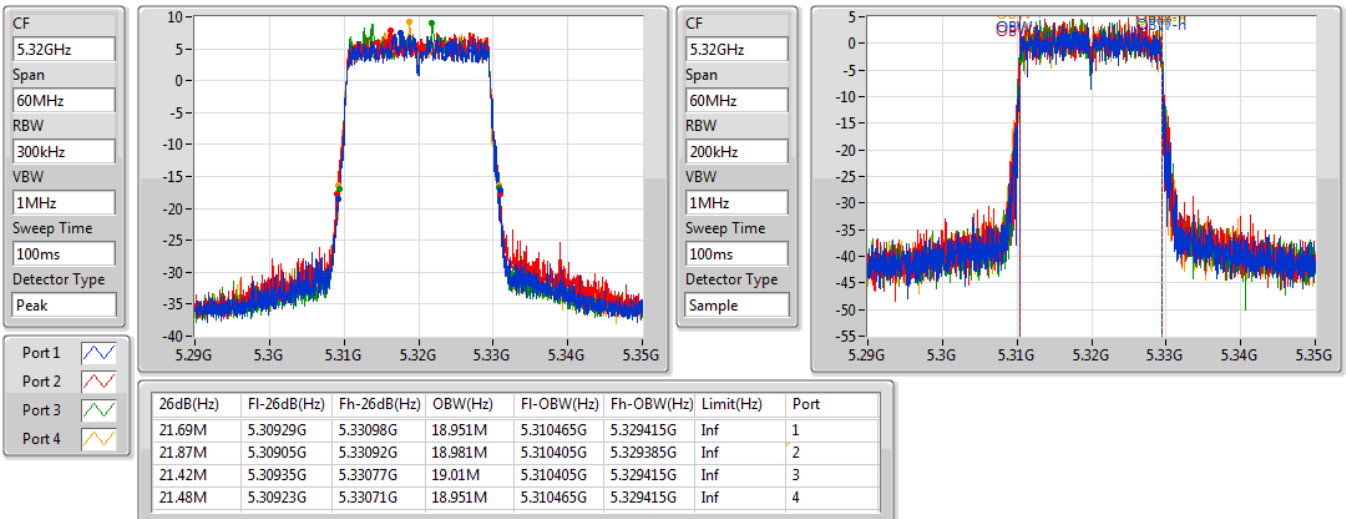


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5300MHz

03/11/2019

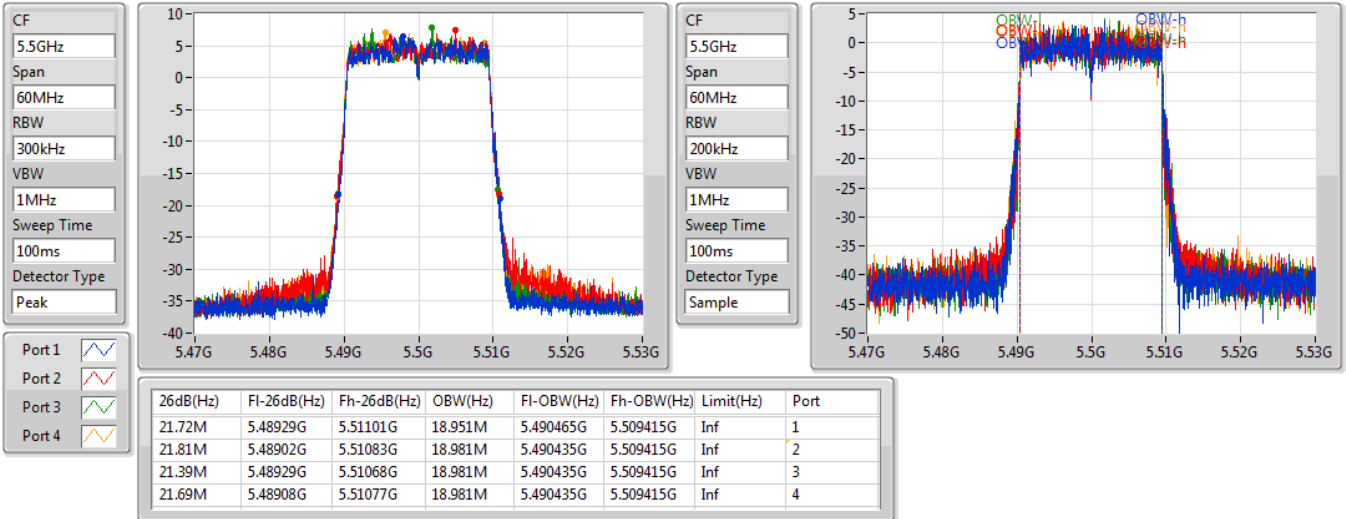

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5320MHz

03/11/2019

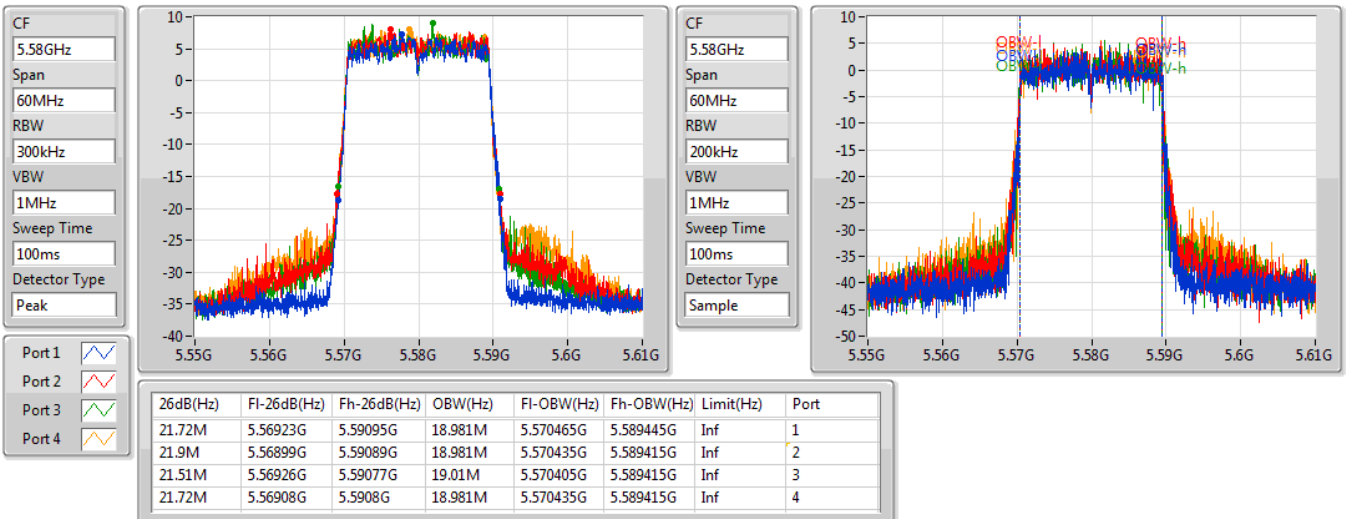


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5500MHz

03/11/2019

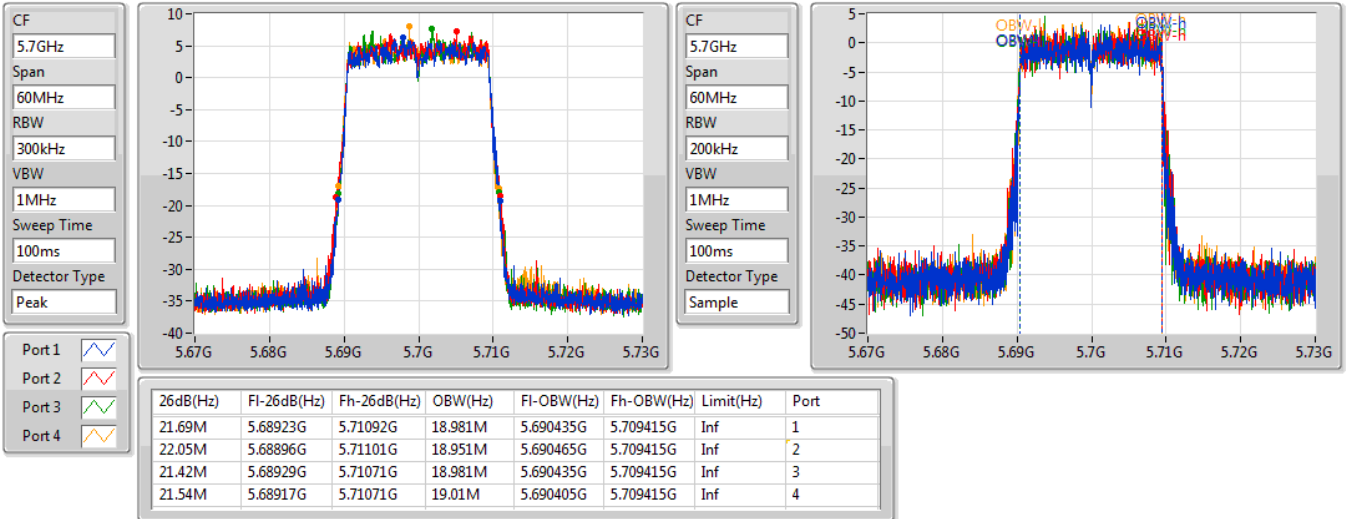

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5580MHz

03/11/2019

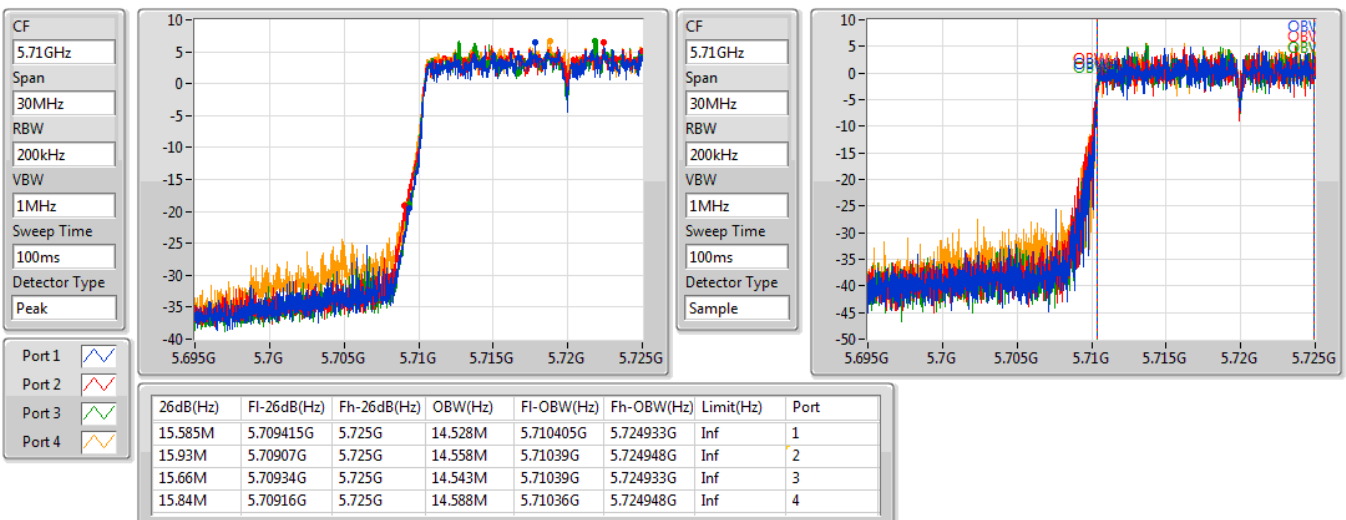


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5700MHz

03/11/2019

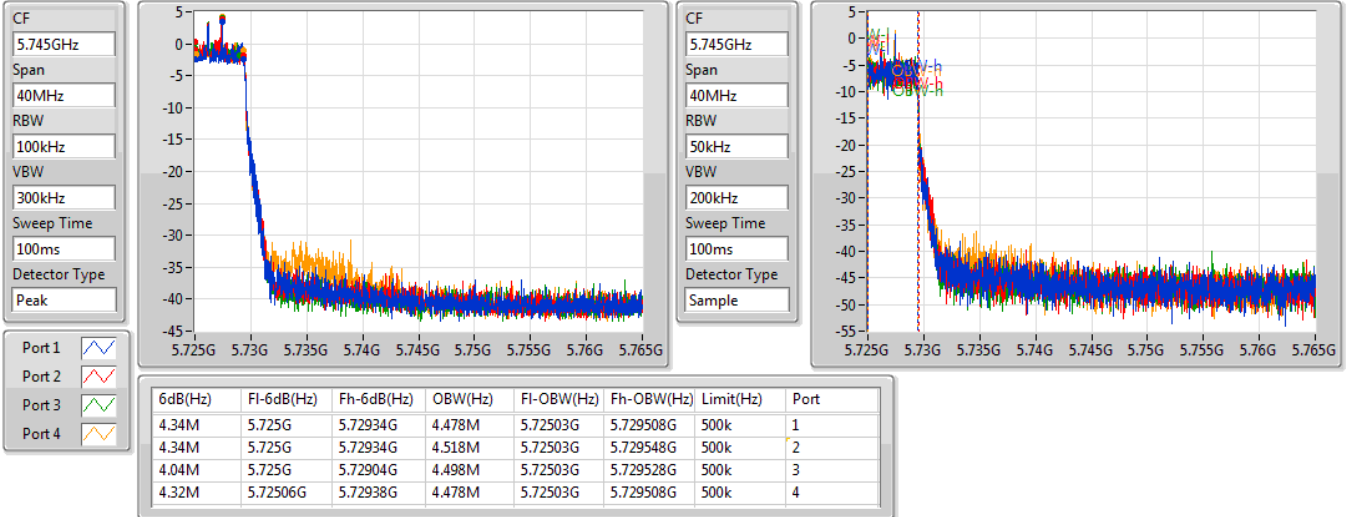

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

03/11/2019

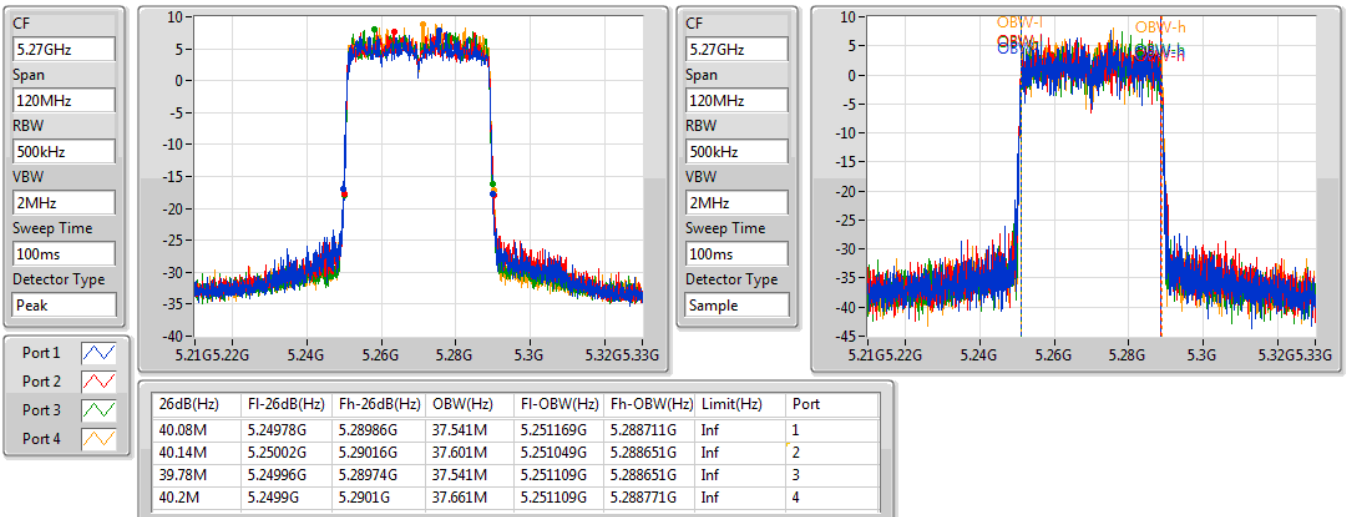


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

03/11/2019

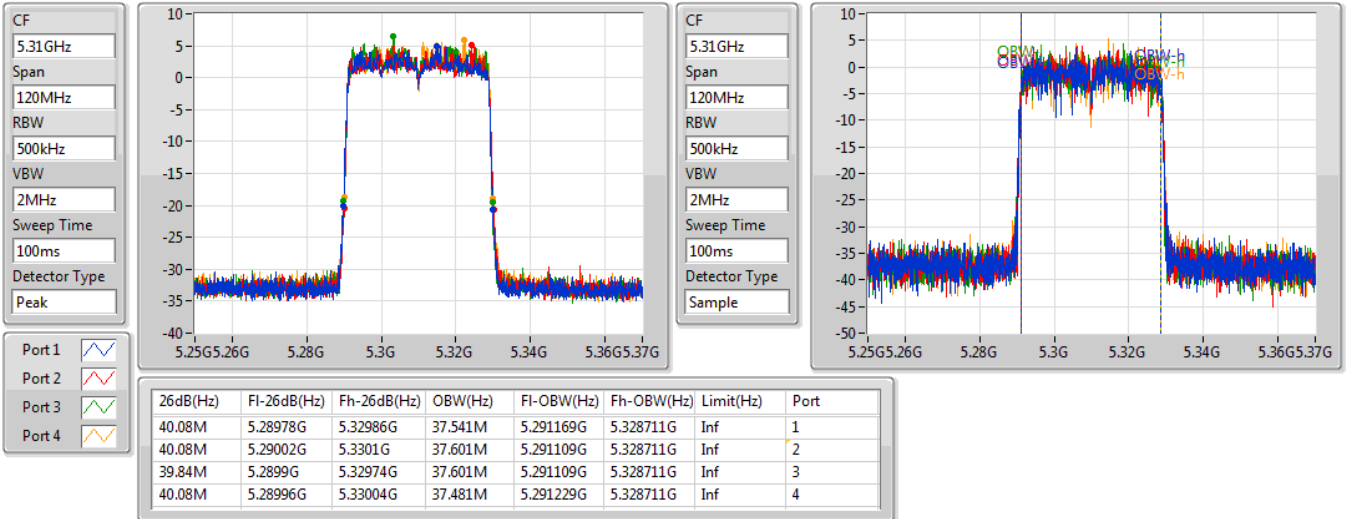

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5270MHz

03/11/2019

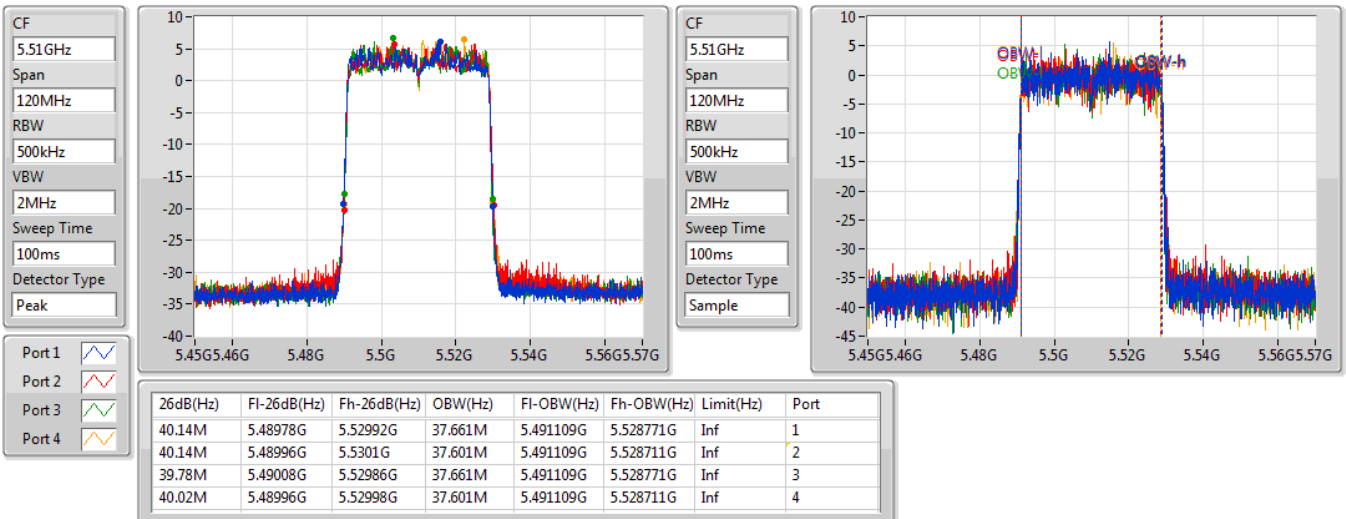


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5310MHz

03/11/2019

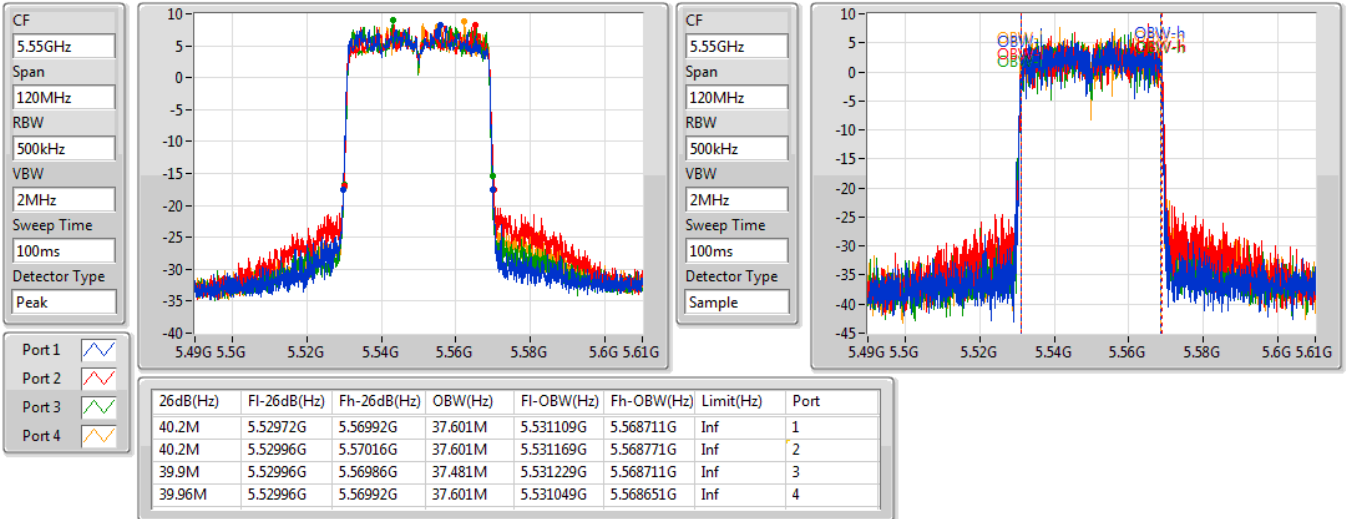

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5510MHz

03/11/2019

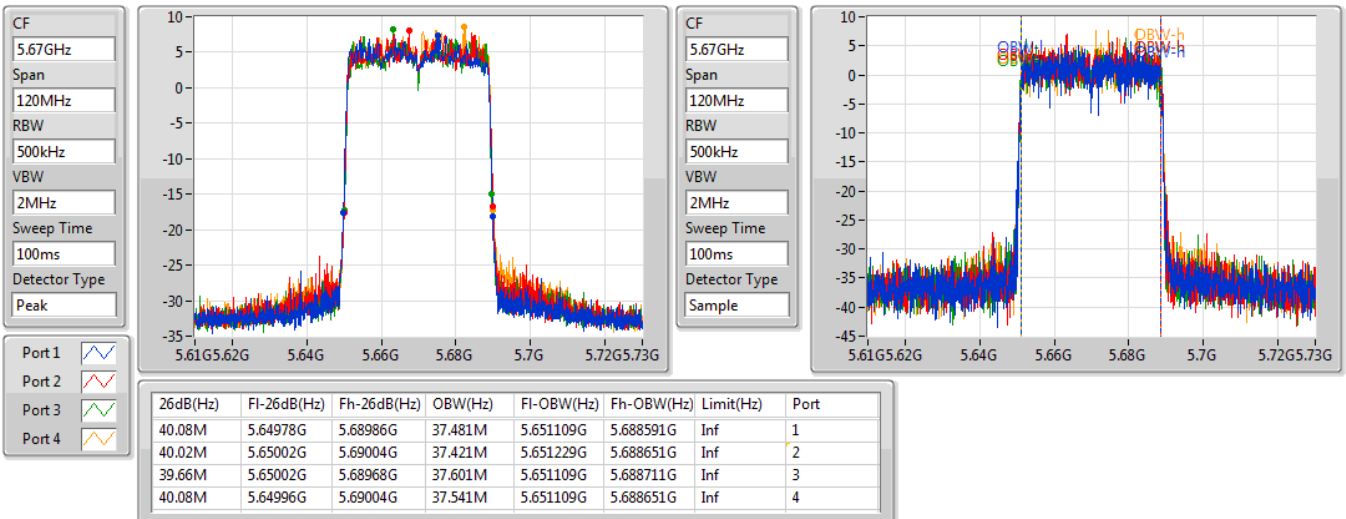


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5550MHz

03/11/2019

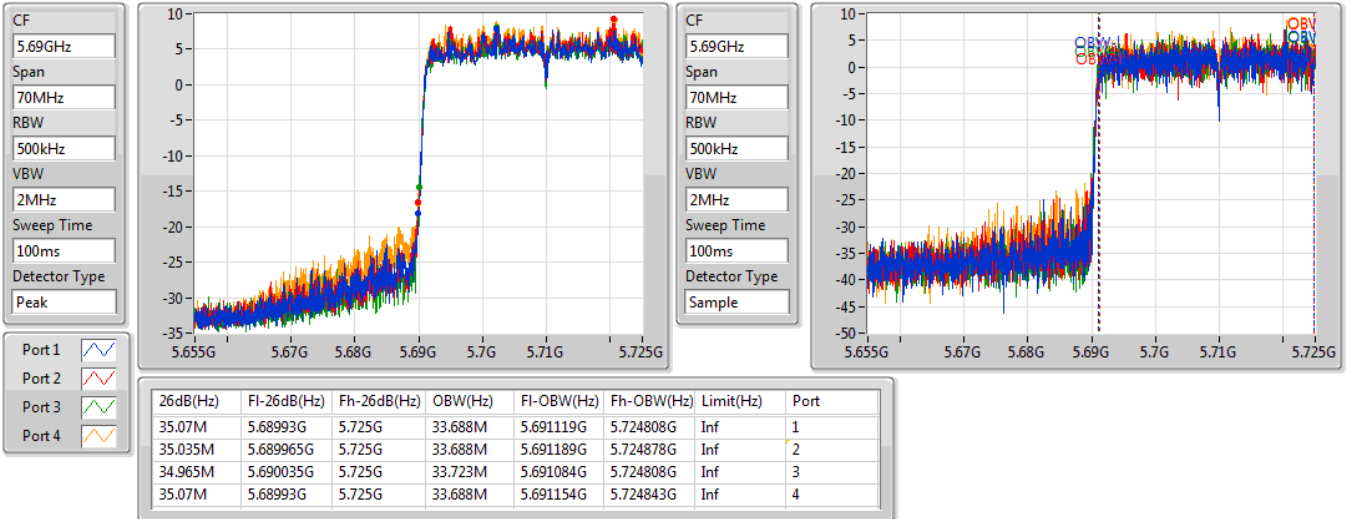

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5670MHz

03/11/2019

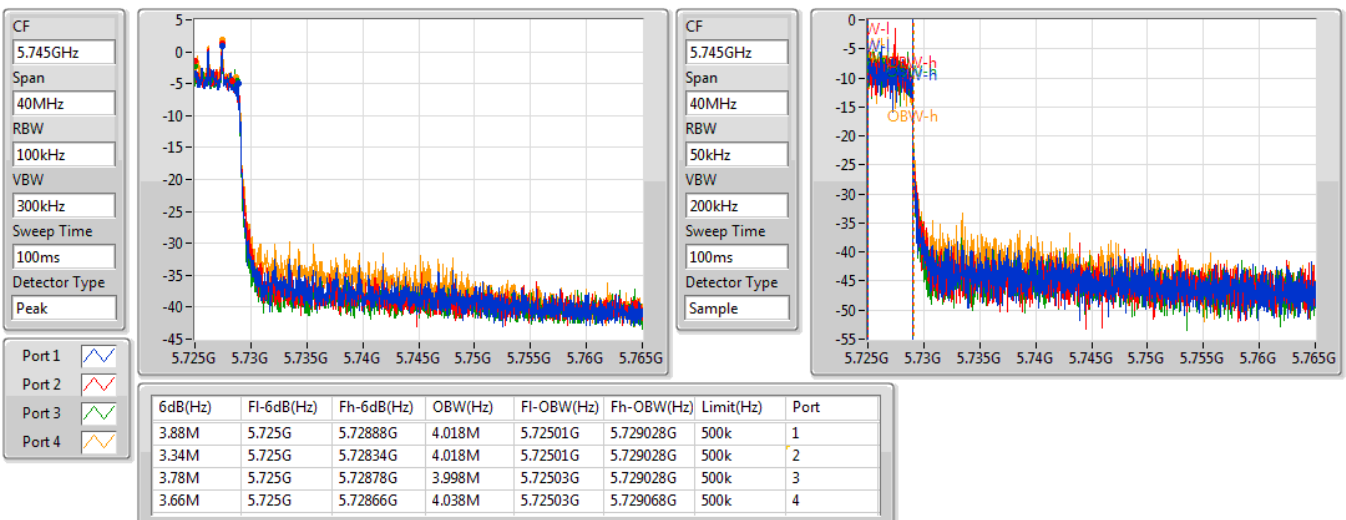


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

04/11/2019

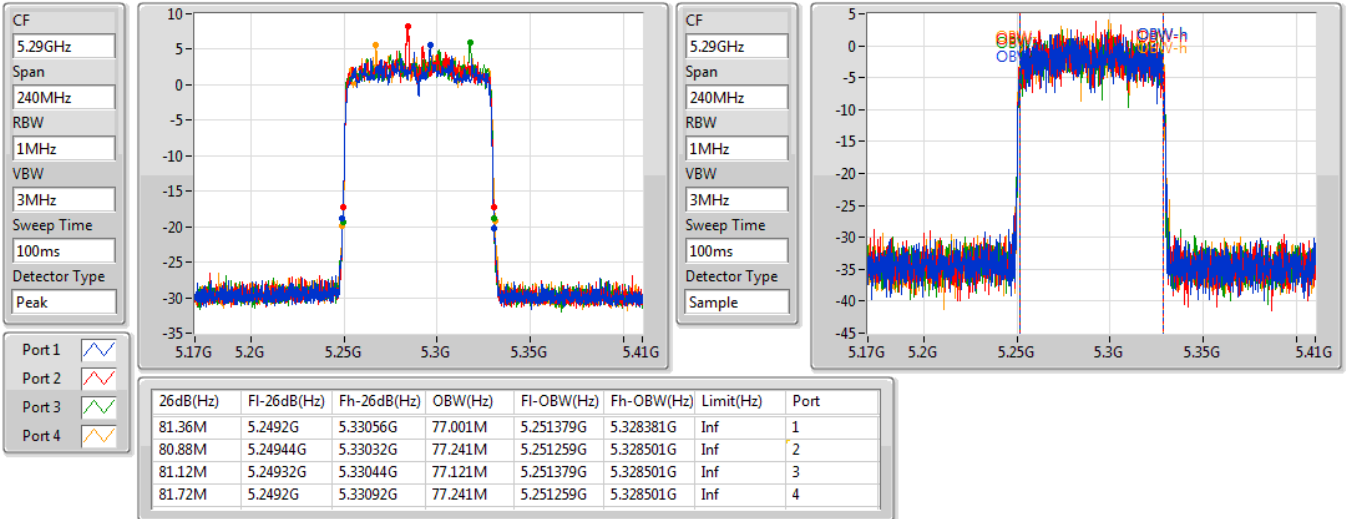

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

03/11/2019



802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5290MHz

03/11/2019


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5530MHz

03/11/2019

