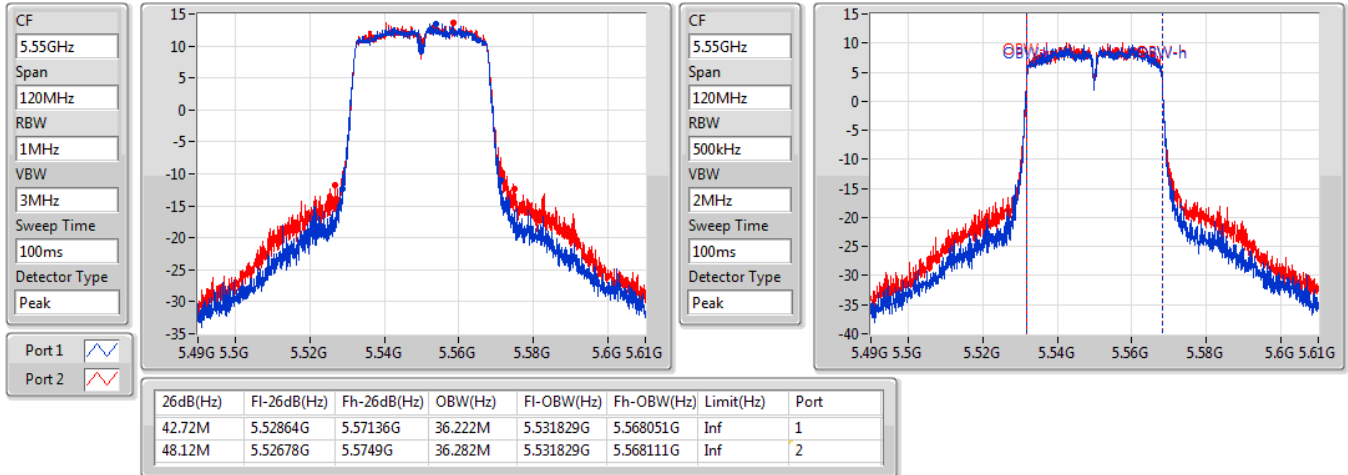
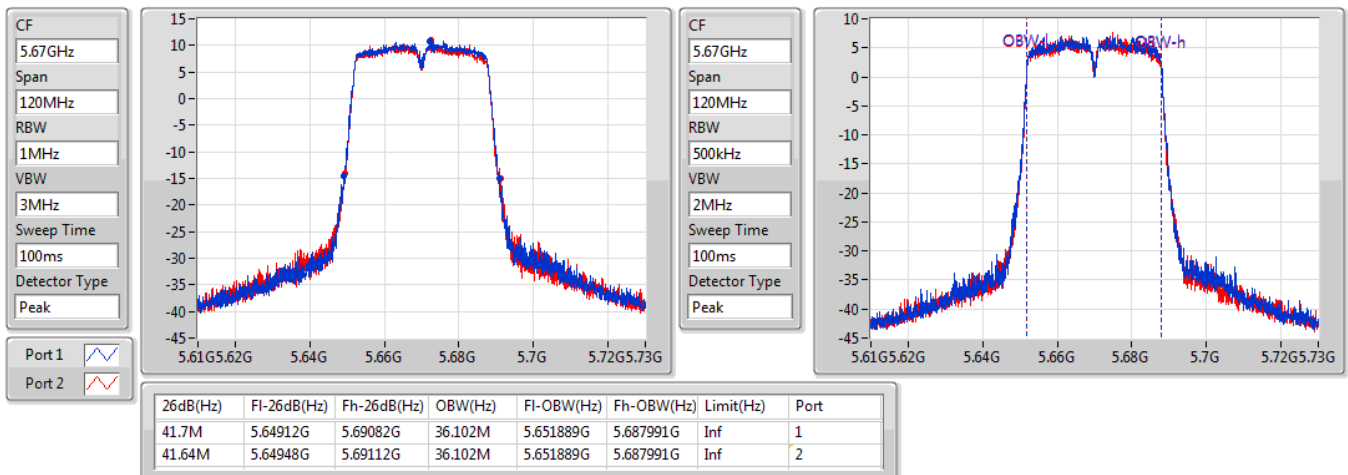


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

05/12/2019

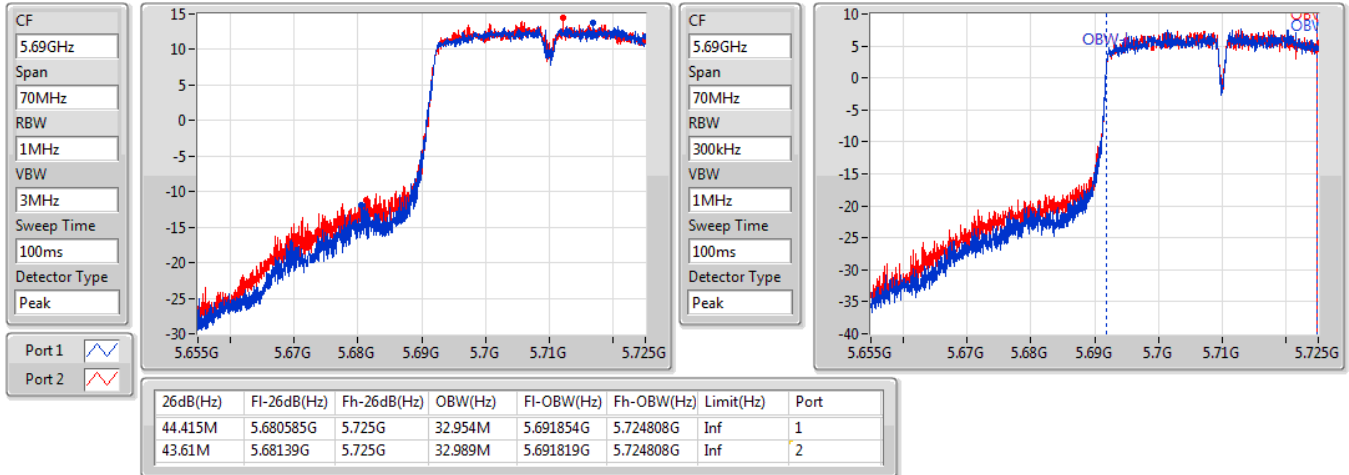

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

05/12/2019

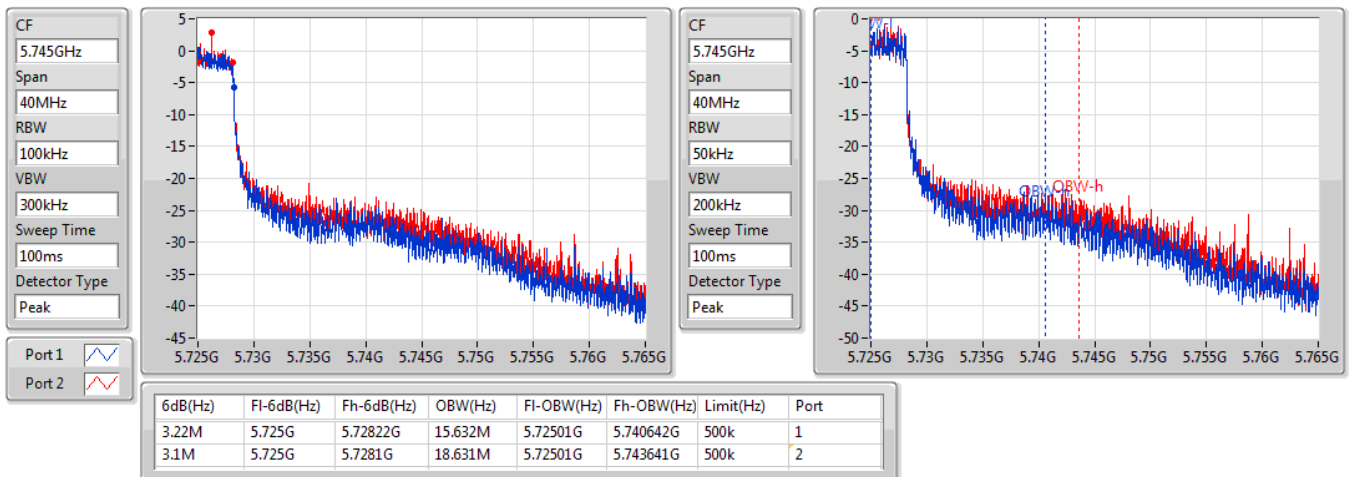


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

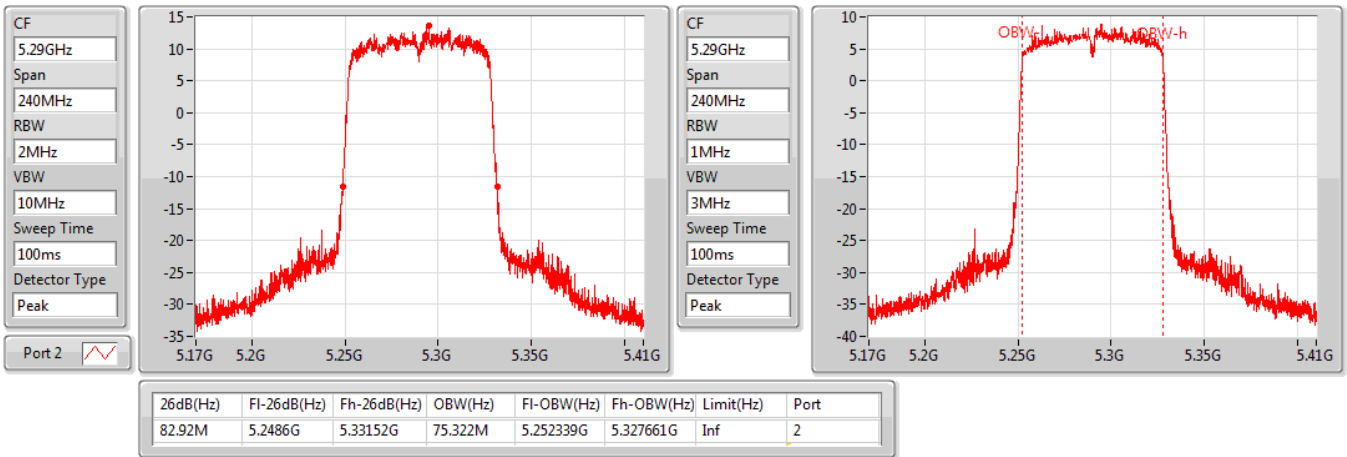

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

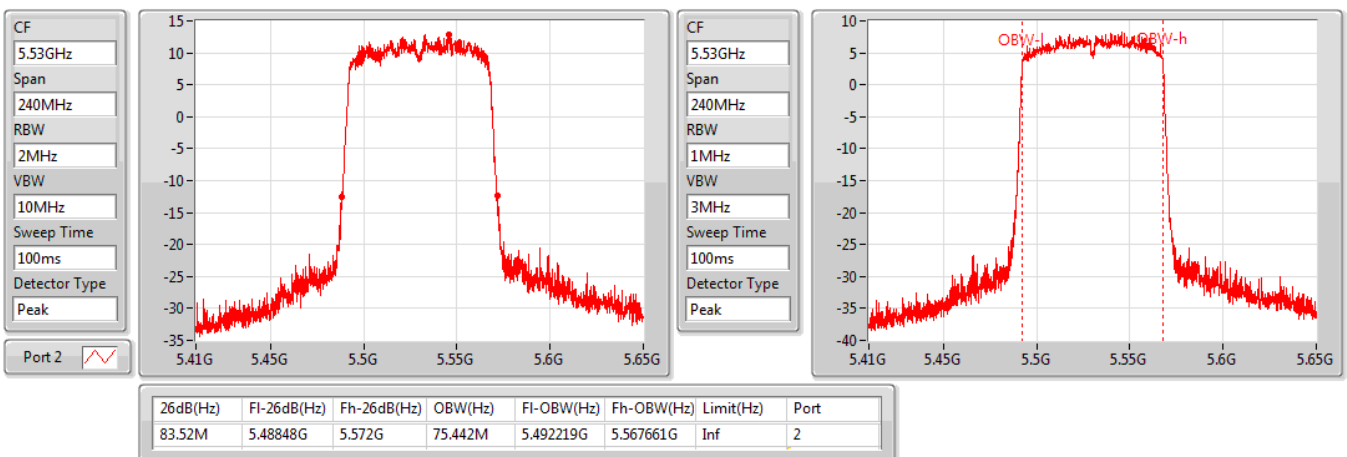


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5290MHz

05/12/2019

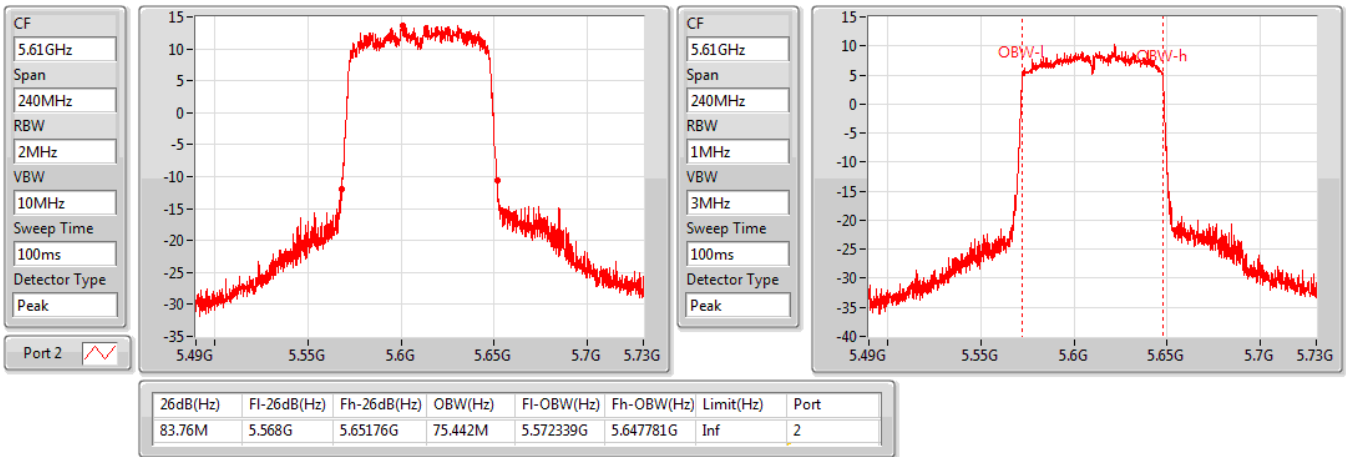

802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5530MHz

05/12/2019

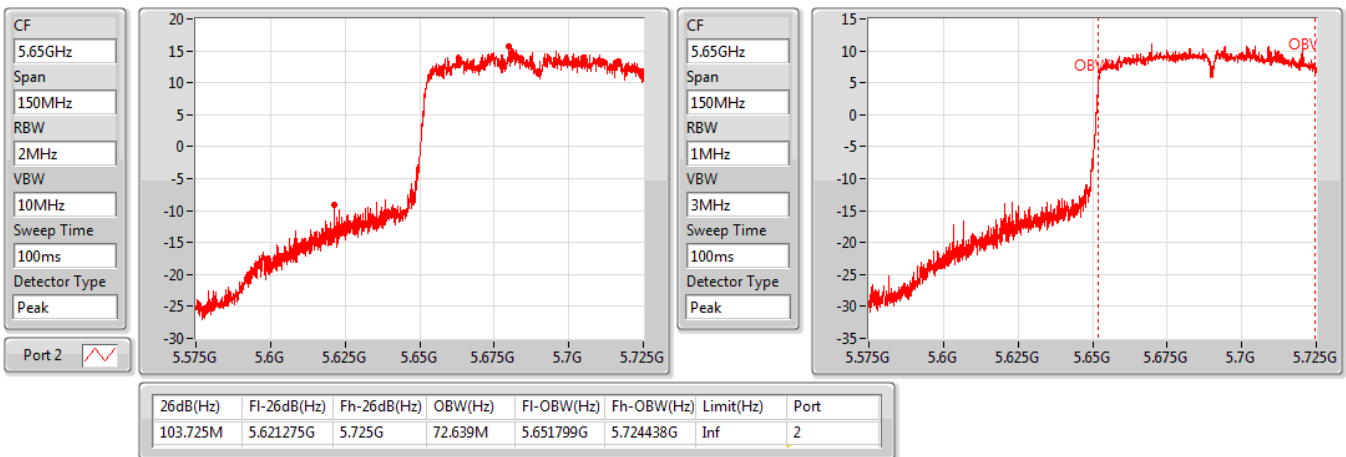


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5610MHz

05/12/2019

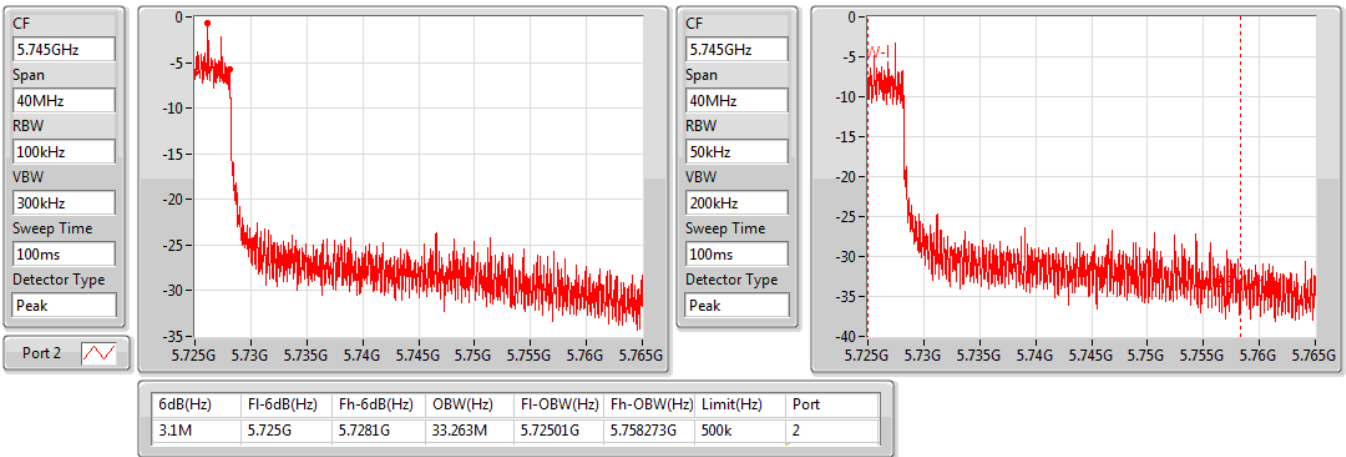

802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019

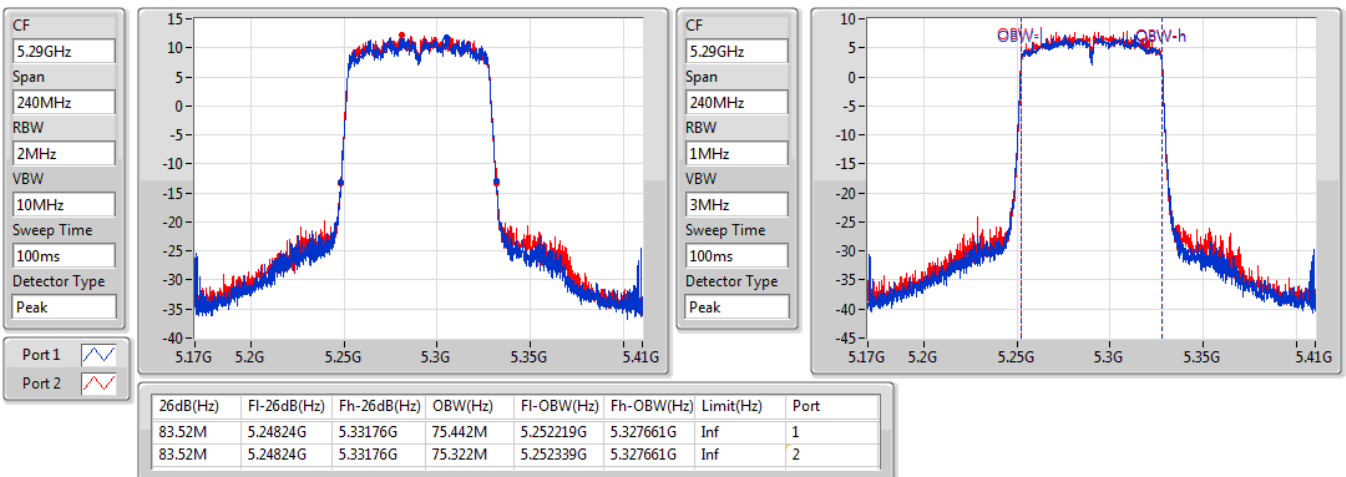


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019

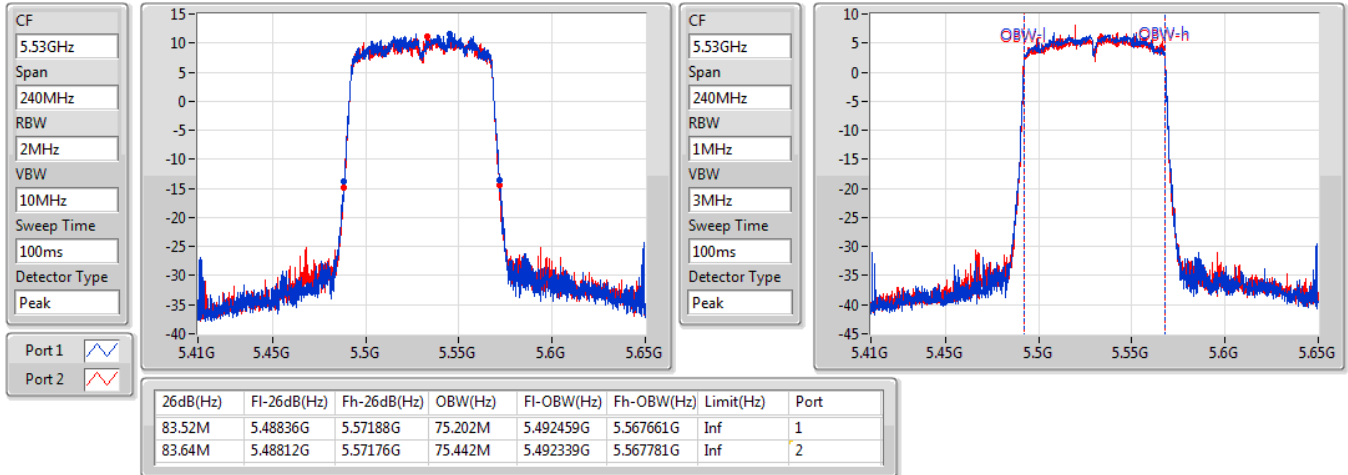

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

04/12/2019

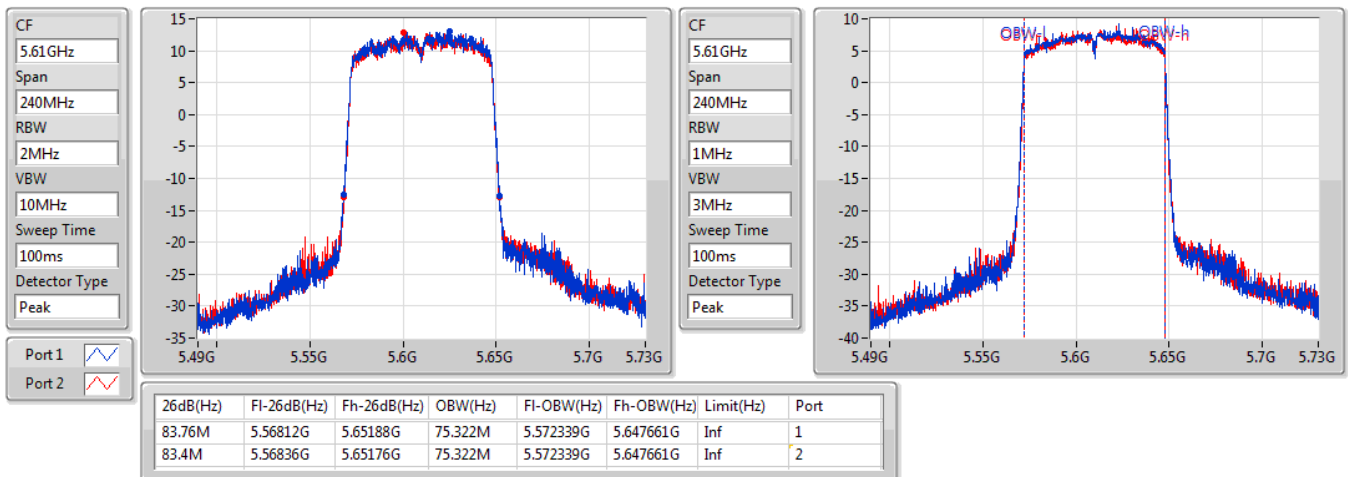


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

04/12/2019

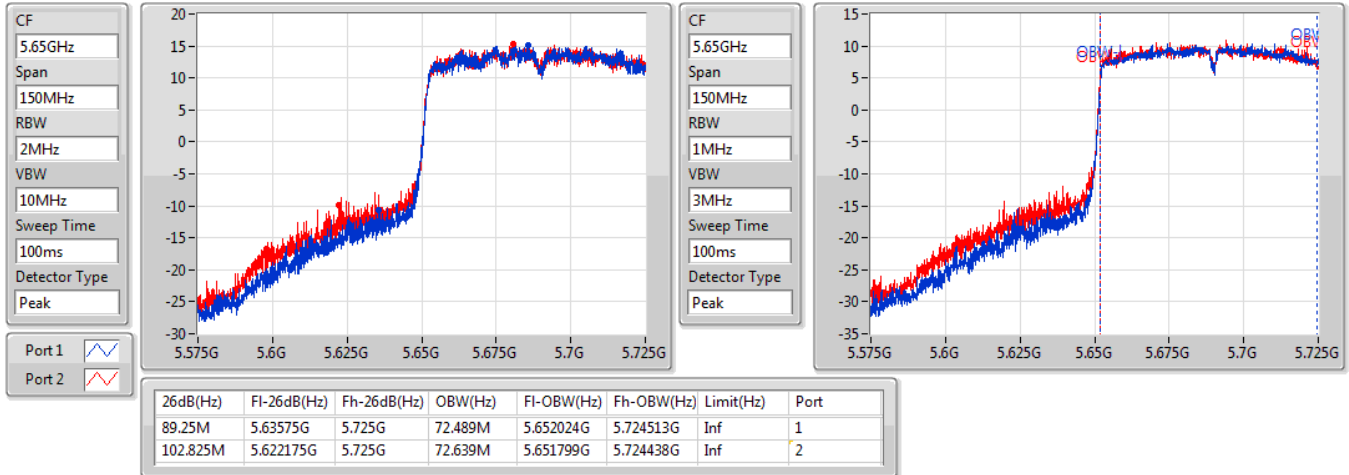

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

05/12/2019

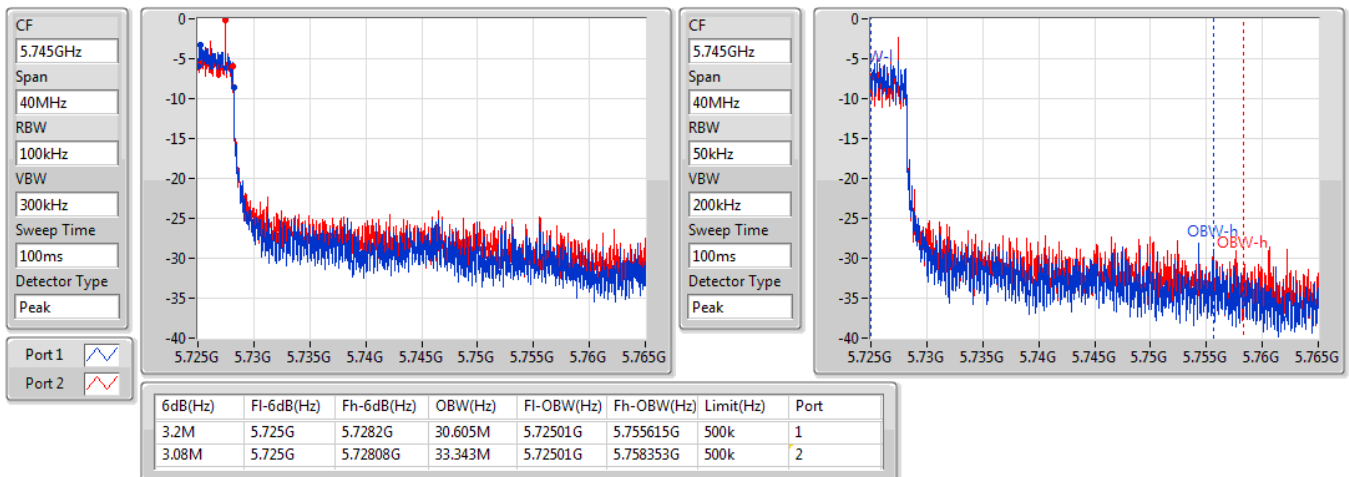


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019

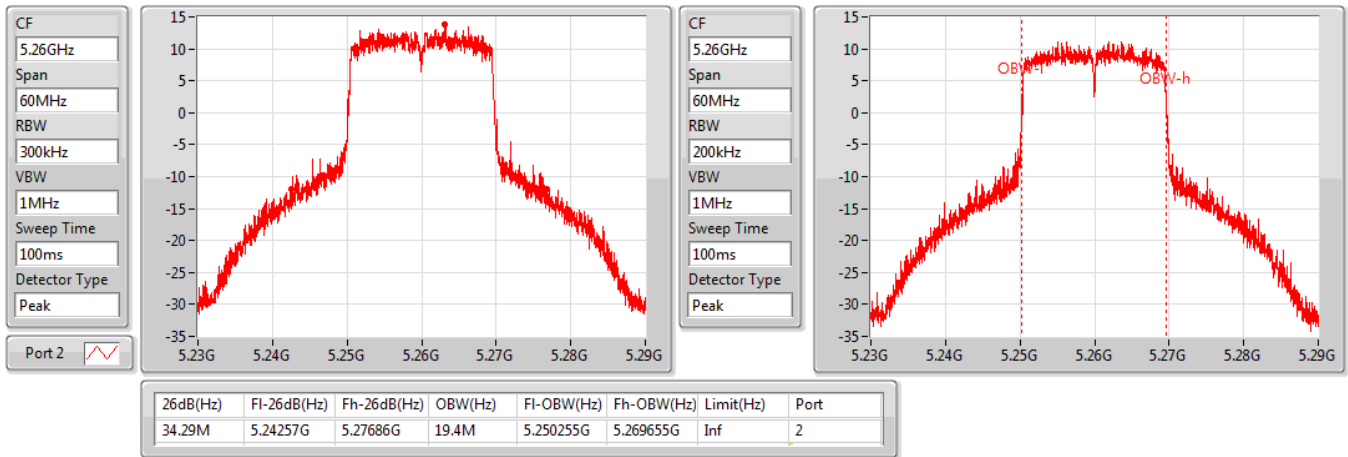

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019

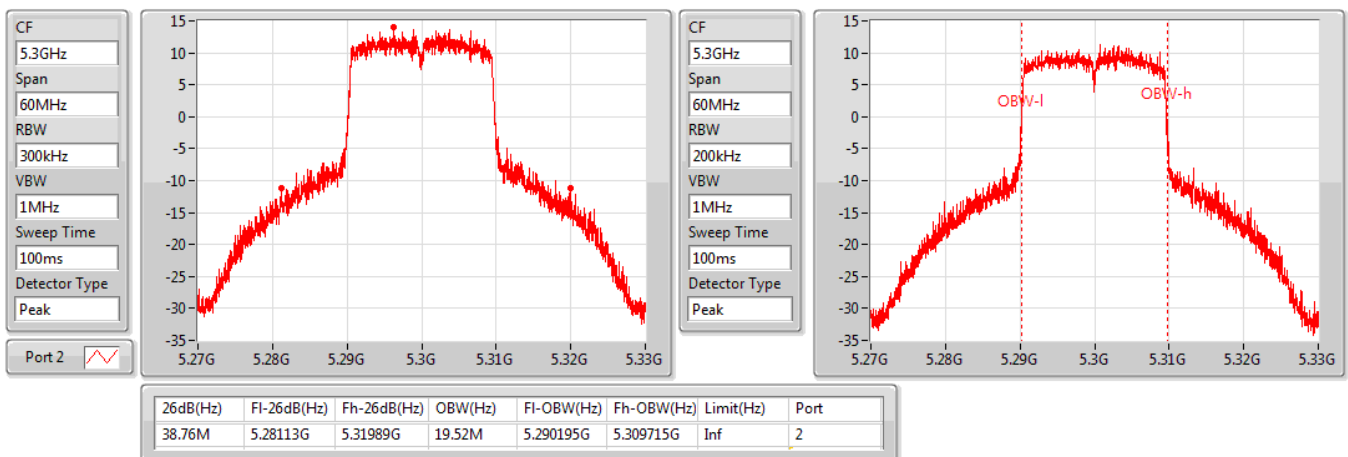


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5260MHz

05/12/2019

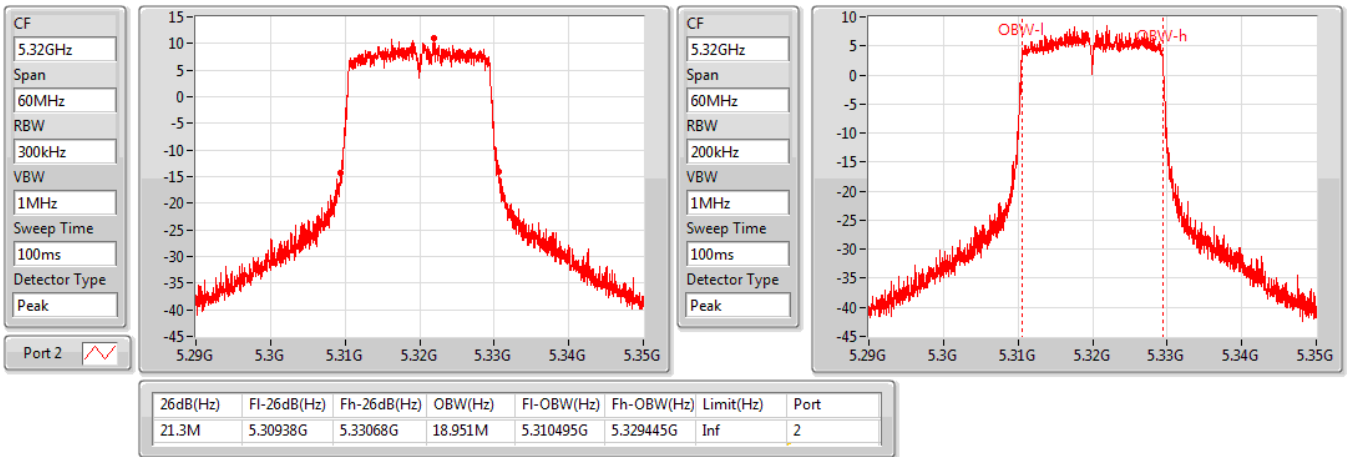

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5300MHz

05/12/2019

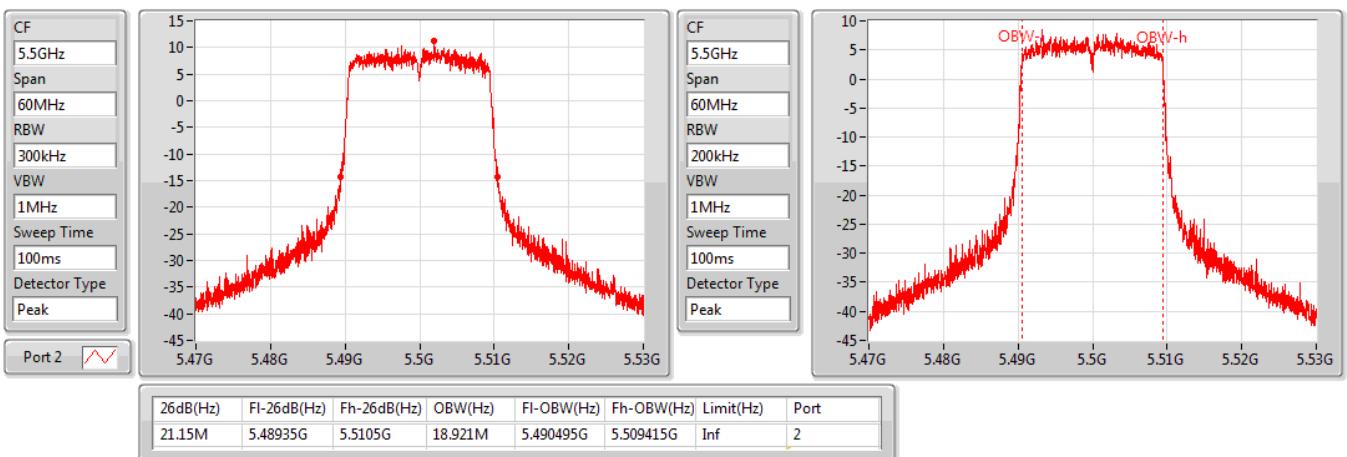


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5320MHz

05/12/2019

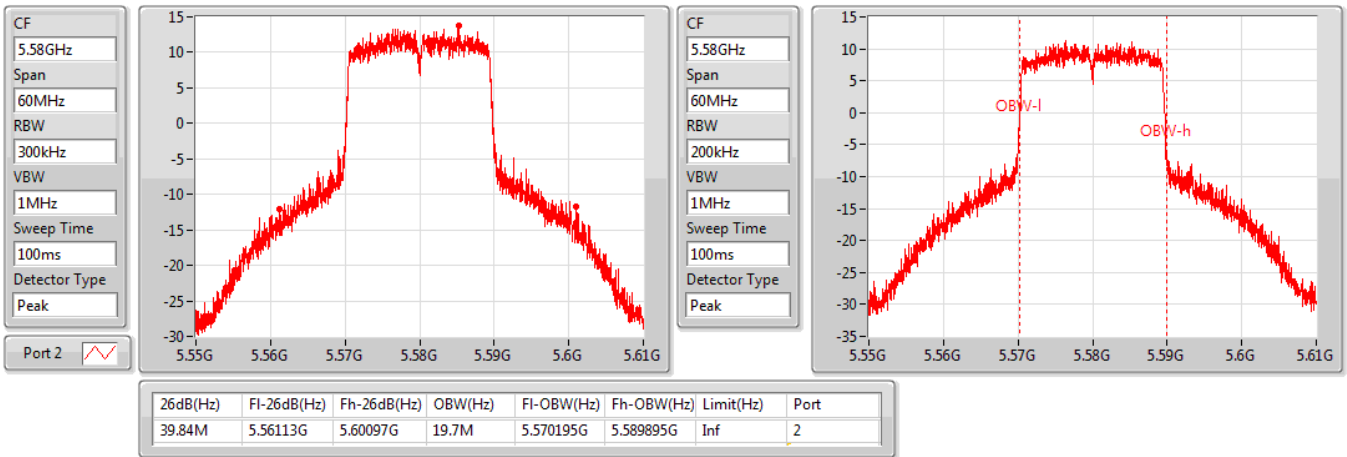

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5500MHz

05/12/2019

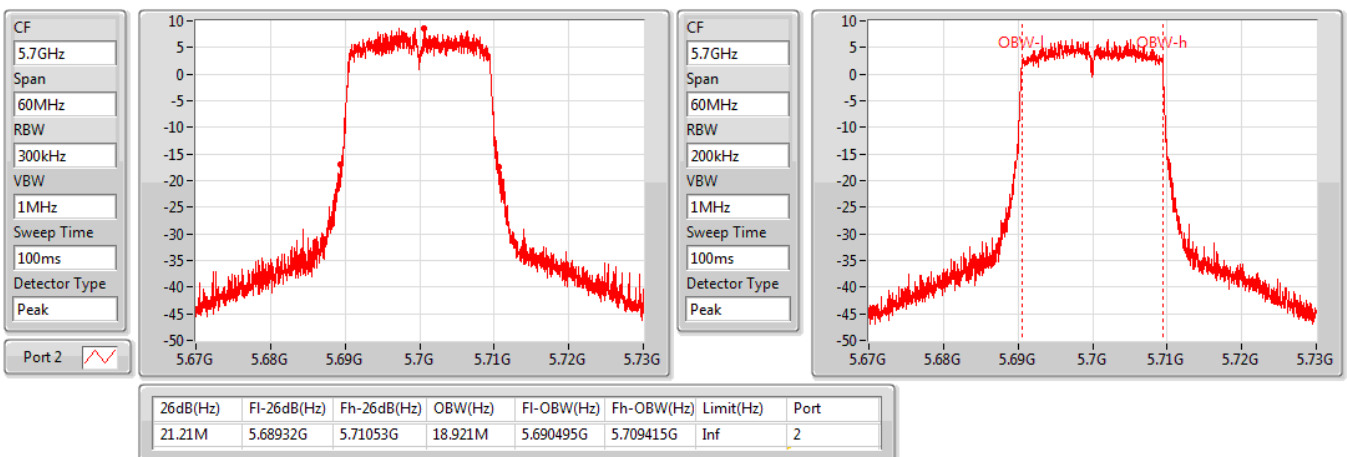


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5580MHz

05/12/2019

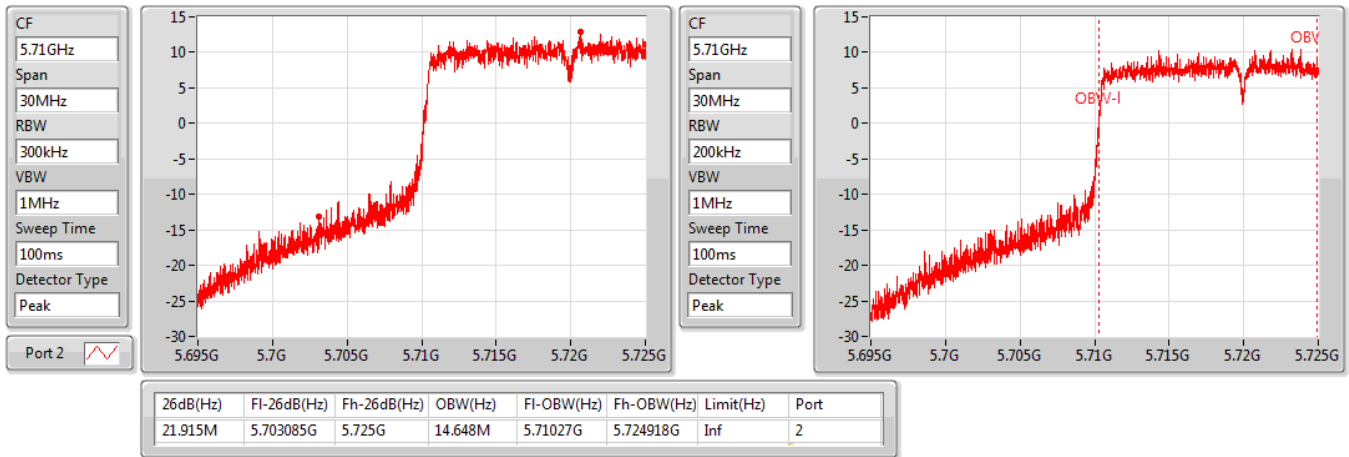

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5700MHz

05/12/2019

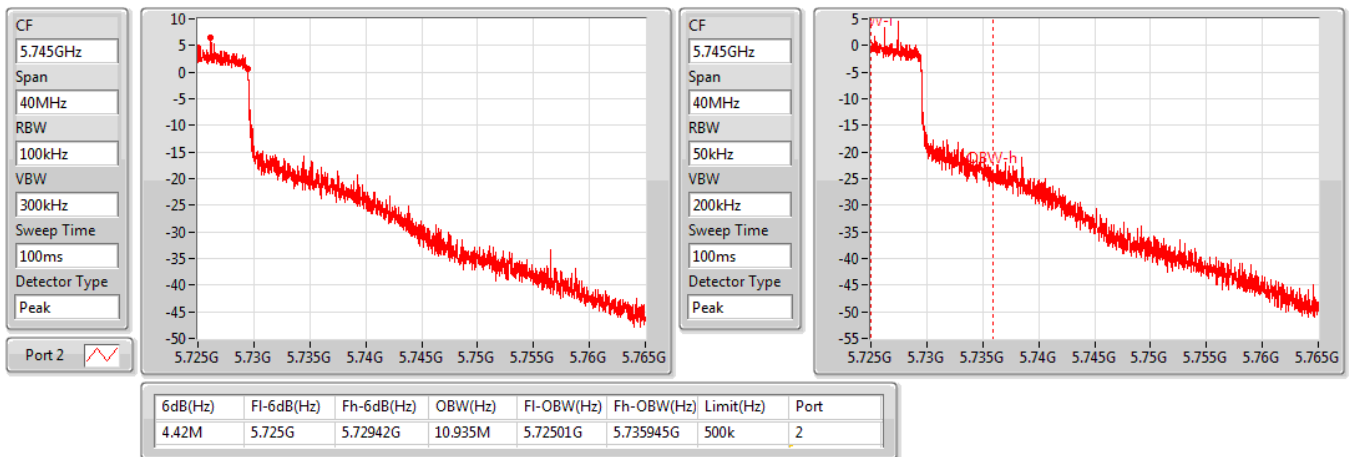


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

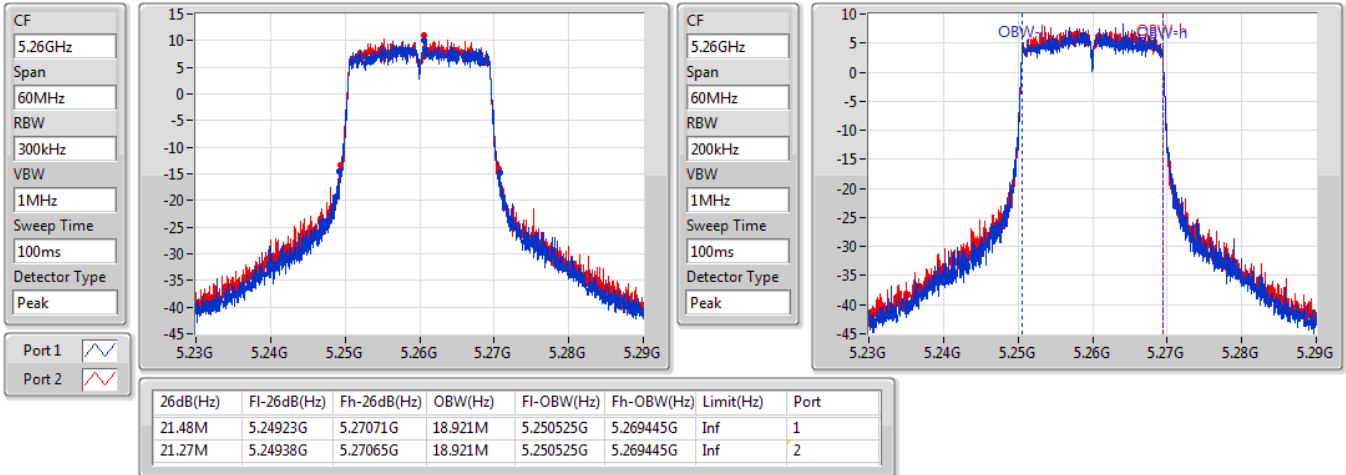

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

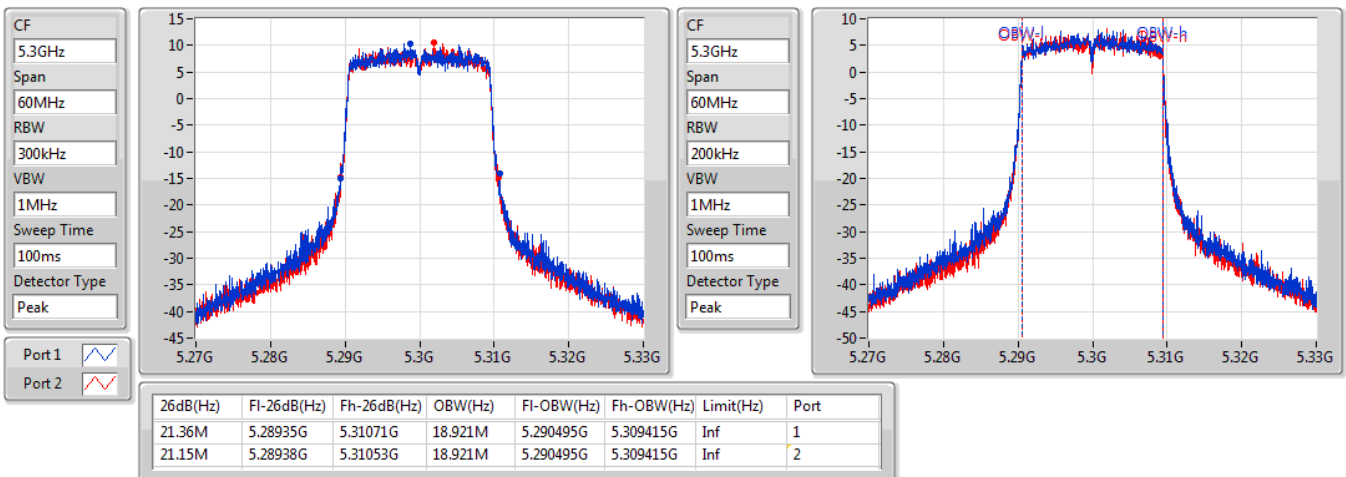


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

04/12/2019

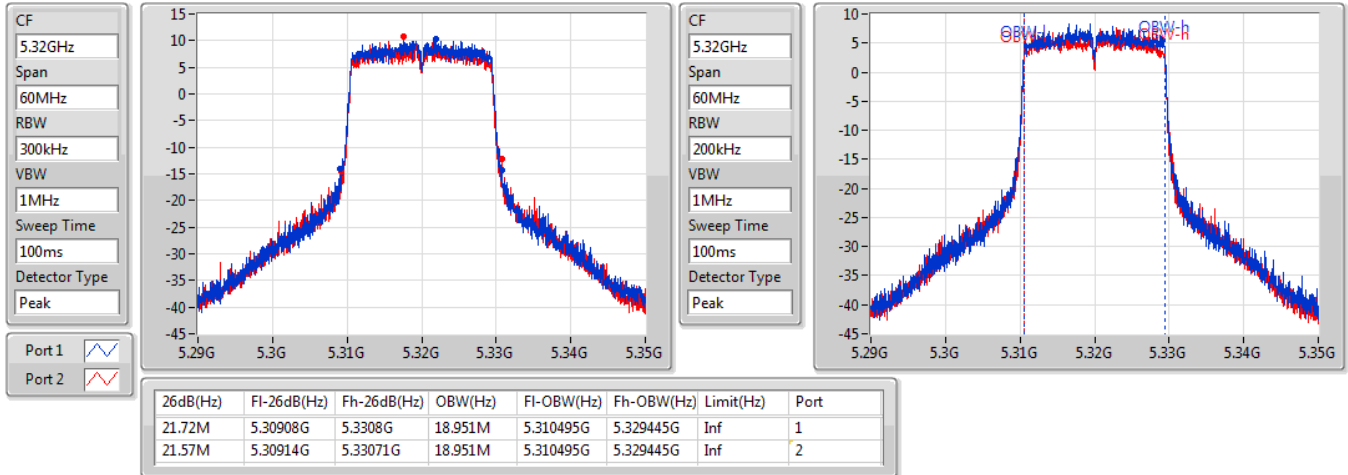

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5300MHz

05/12/2019

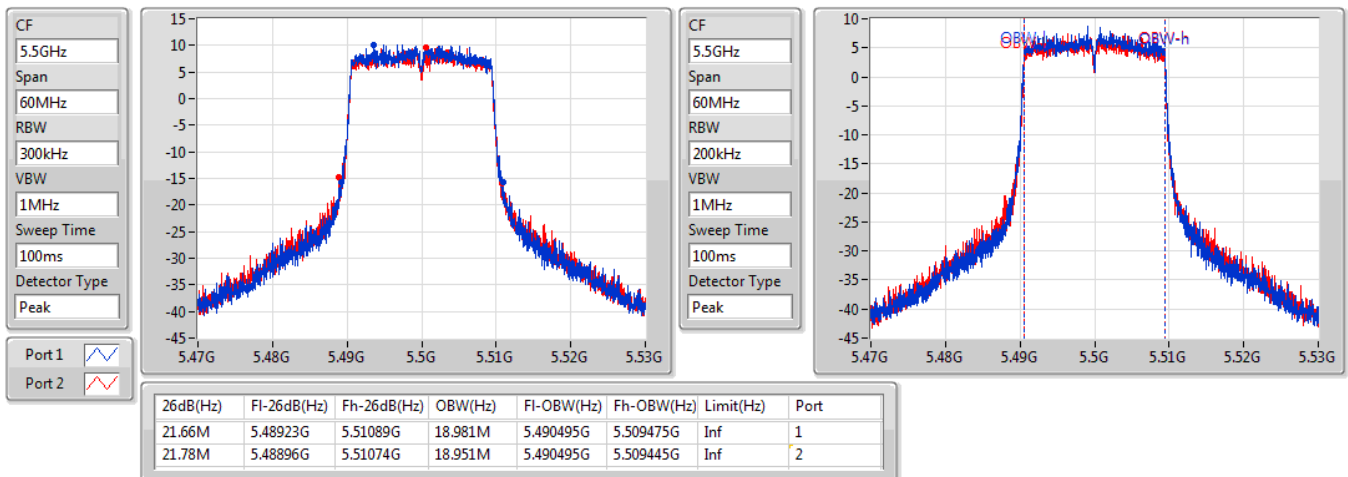


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5320MHz

04/12/2019

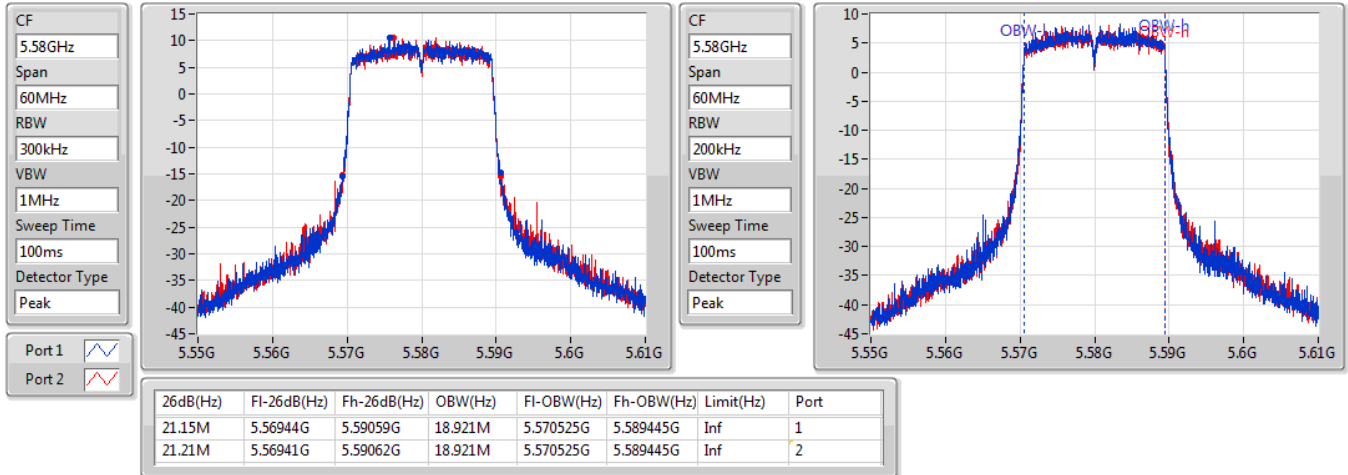

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5500MHz

04/12/2019

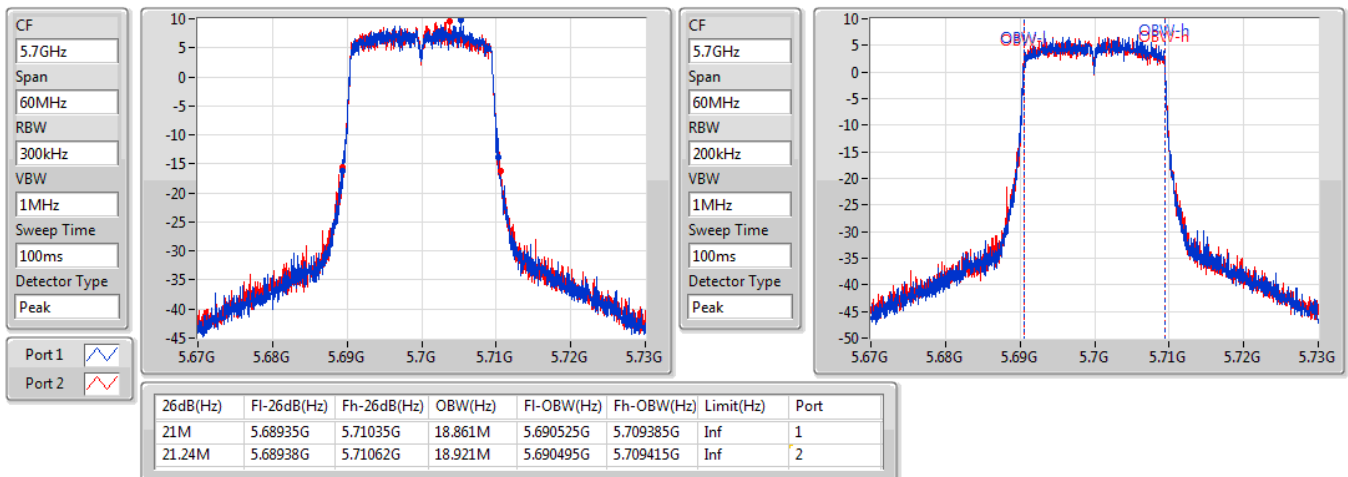


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

04/12/2019

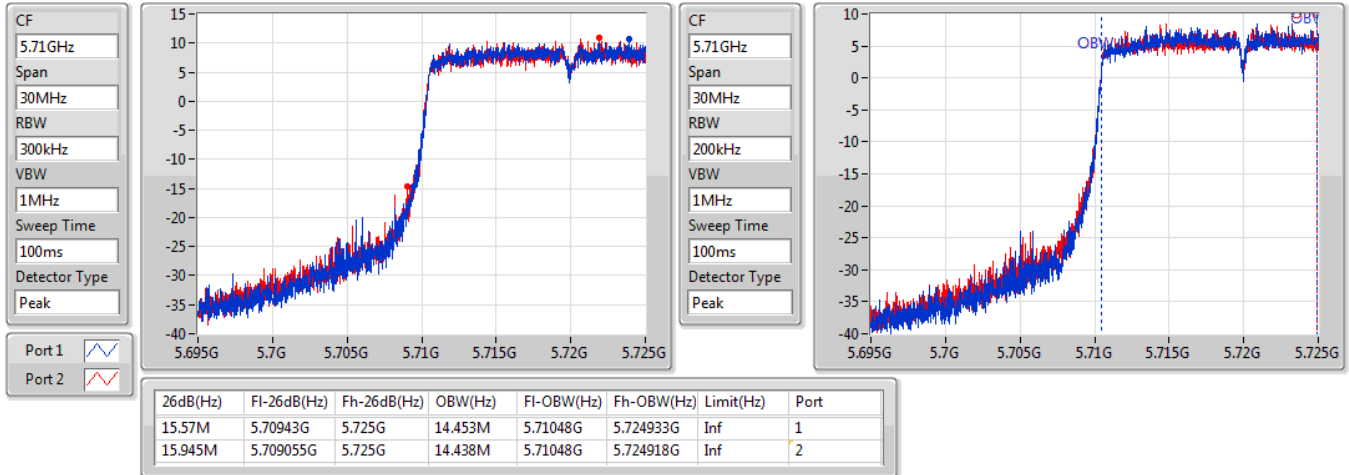

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

05/12/2019

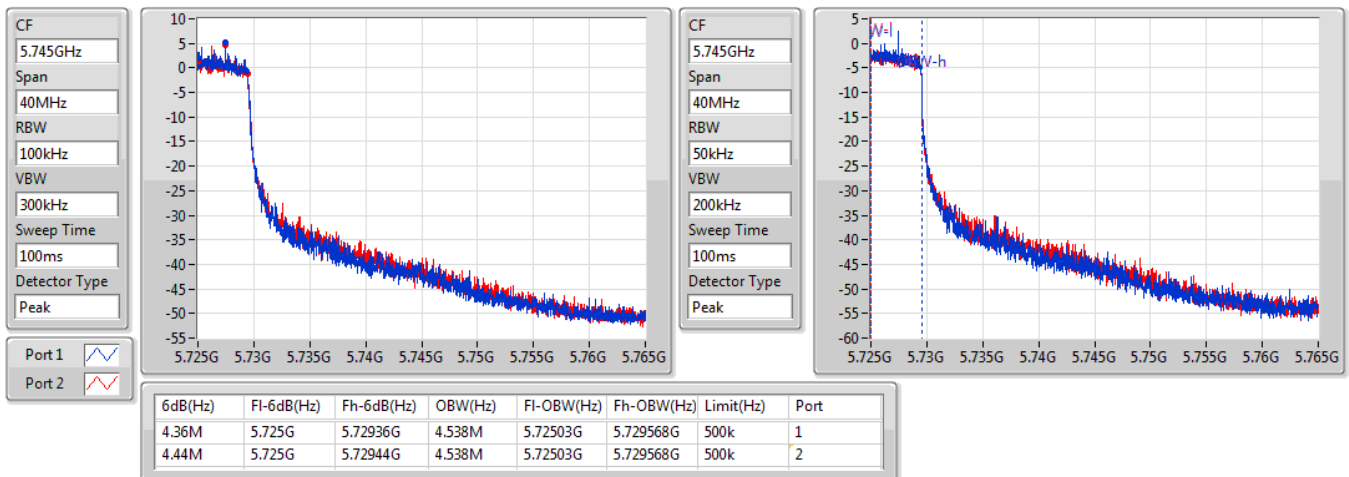


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

04/12/2019

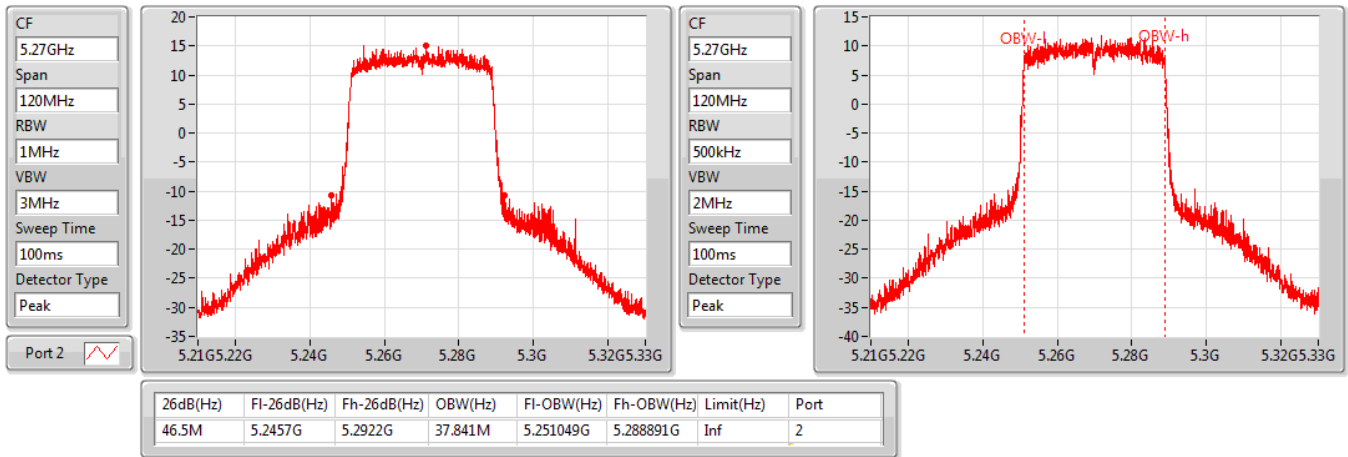

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

04/12/2019

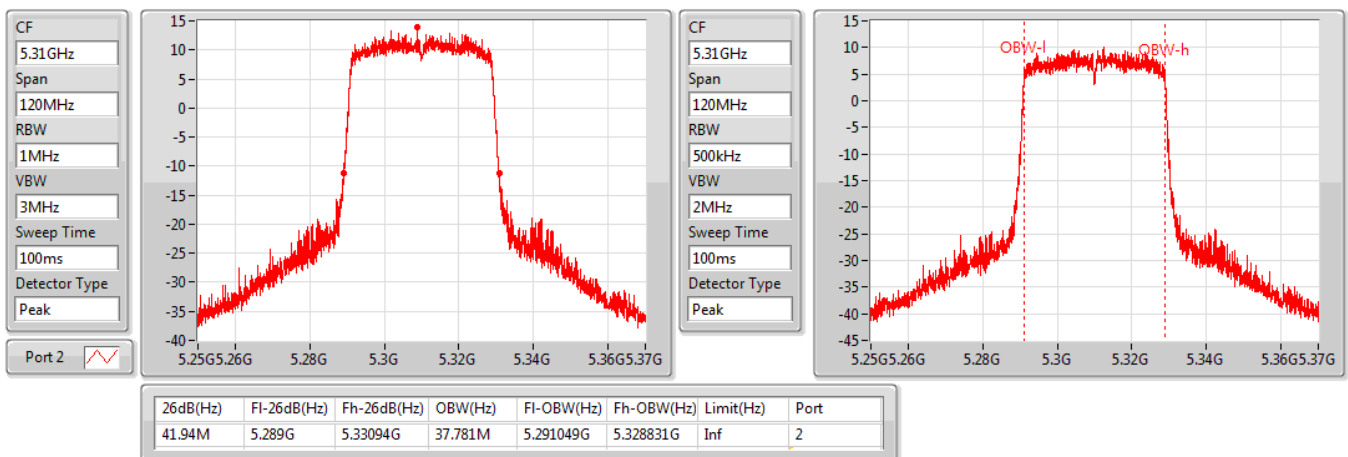


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5270MHz

05/12/2019

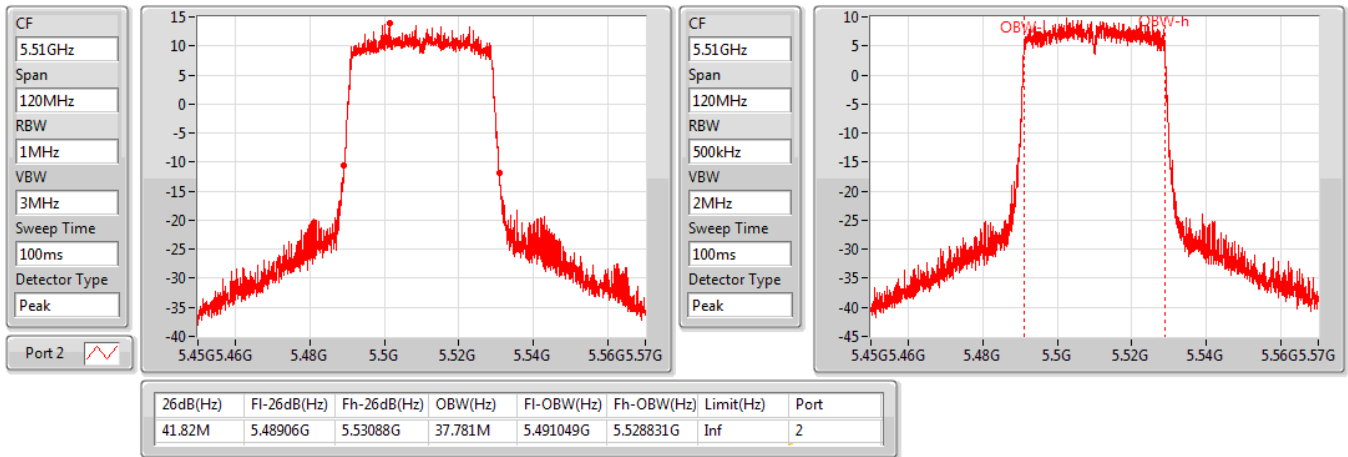

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5310MHz

05/12/2019

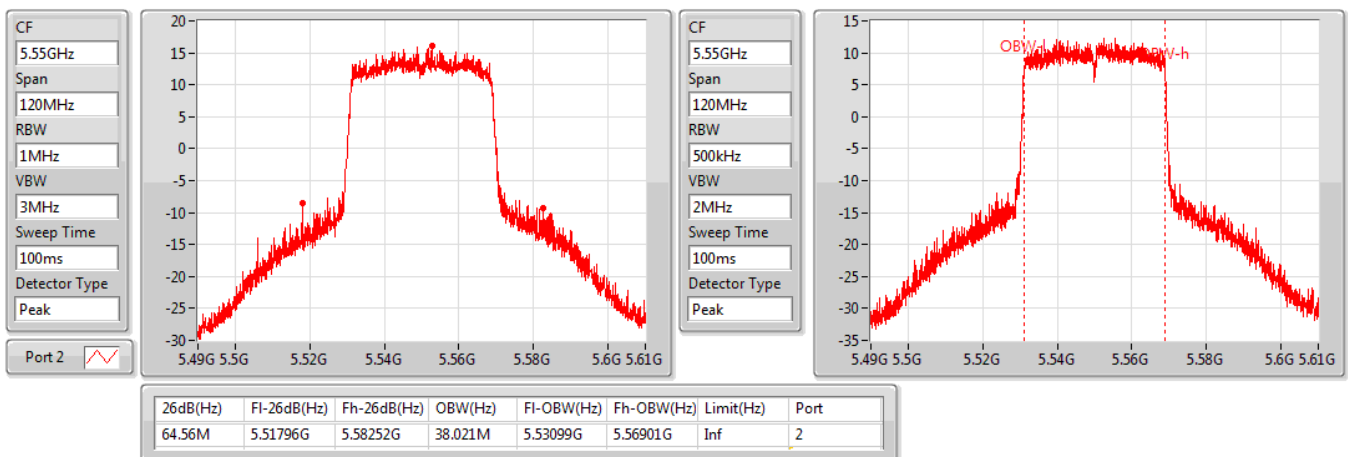


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5510MHz

05/12/2019


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5550MHz

05/12/2019

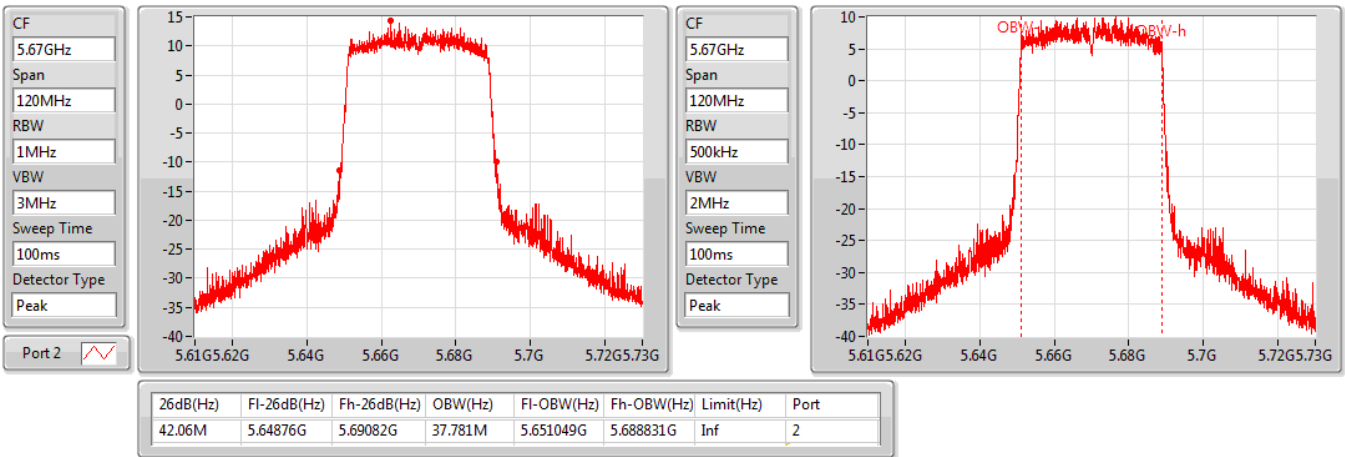


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

5670MHz

05/12/2019

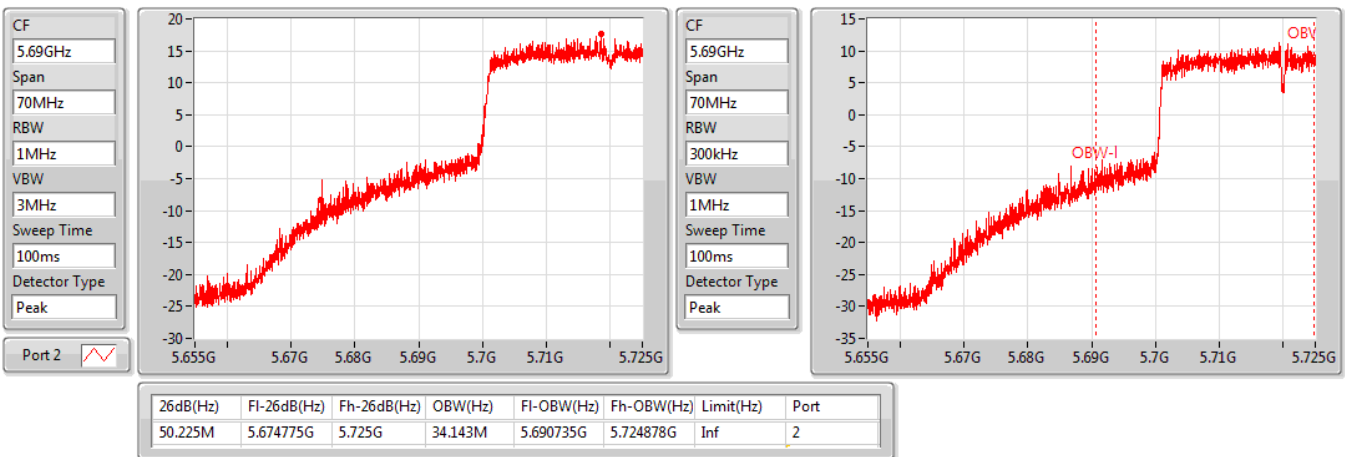


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)

EBW

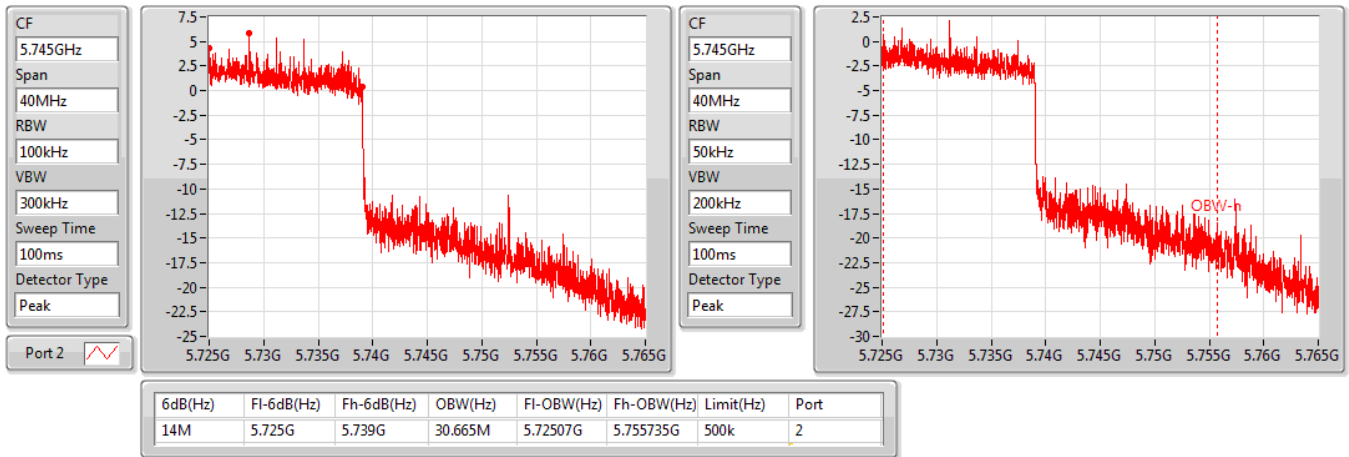
5710MHz Straddle 5.47-5.725GHz

05/12/2019

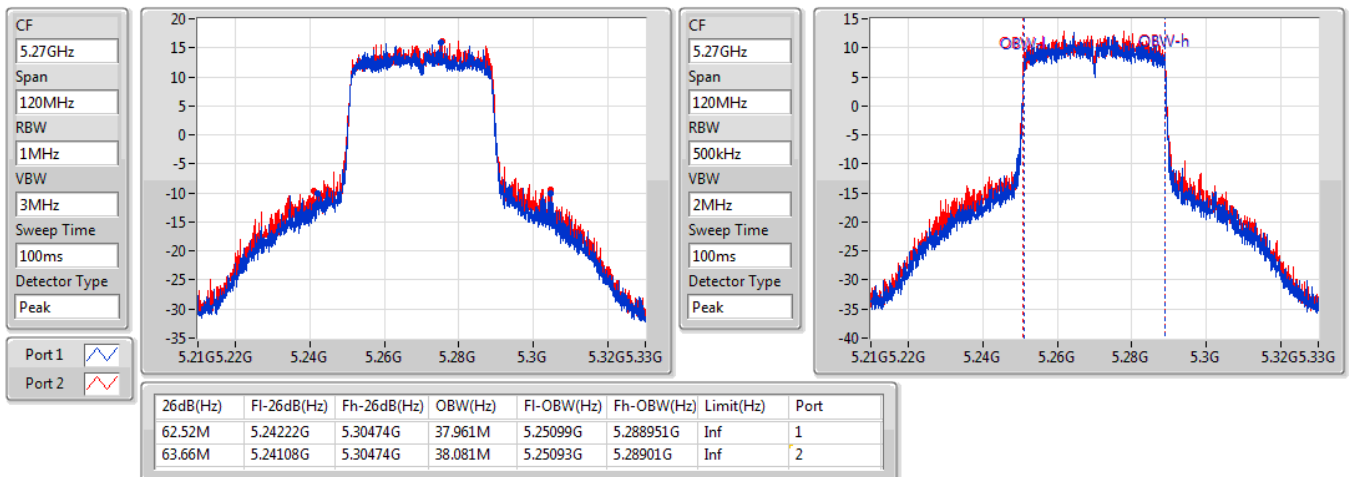


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

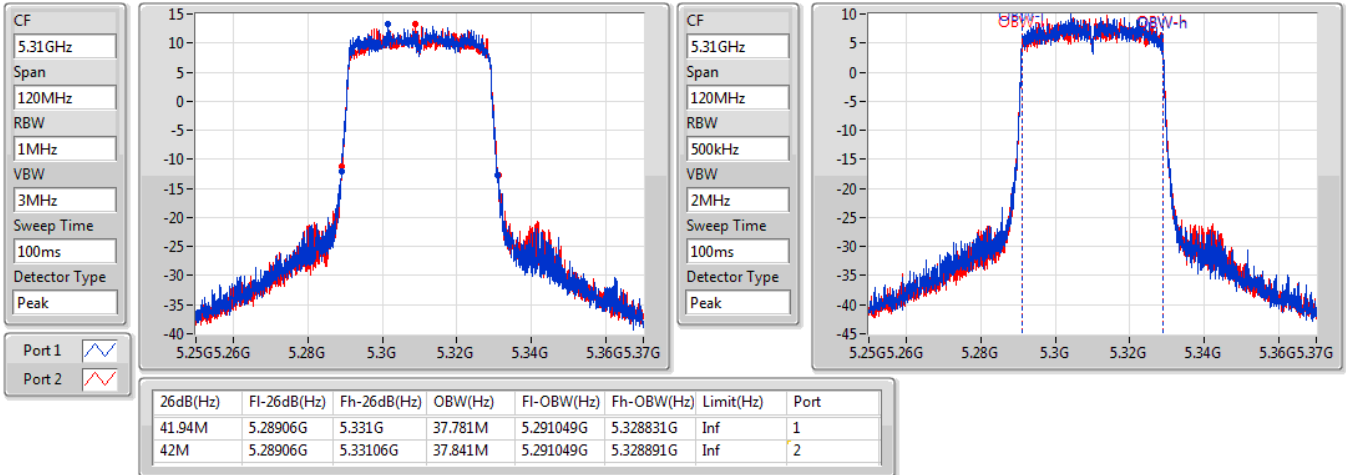

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5270MHz

04/12/2019

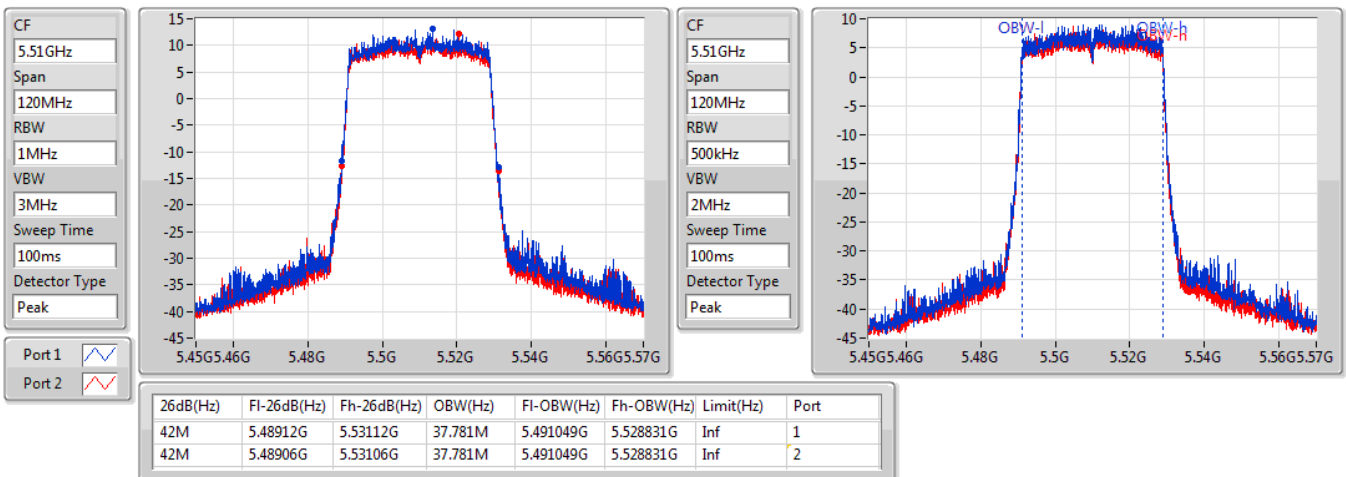


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5310MHz

05/12/2019

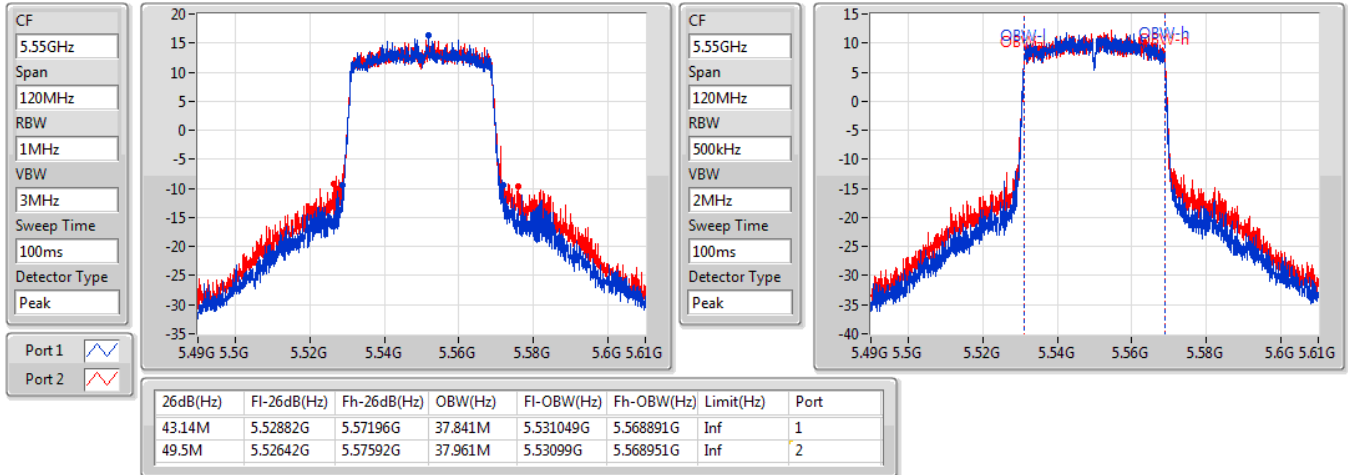

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

05/12/2019

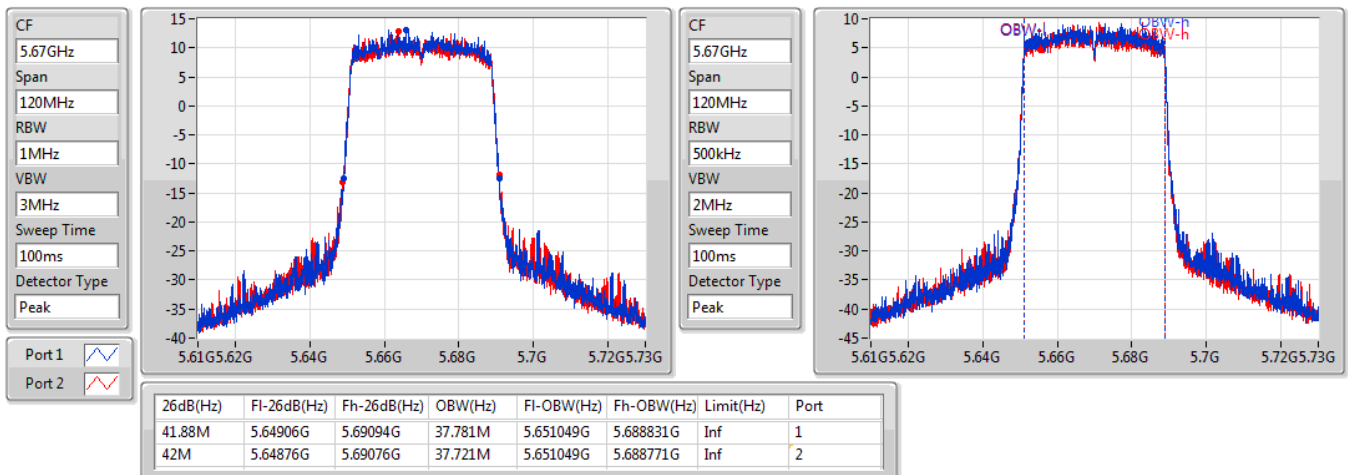


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

05/12/2019

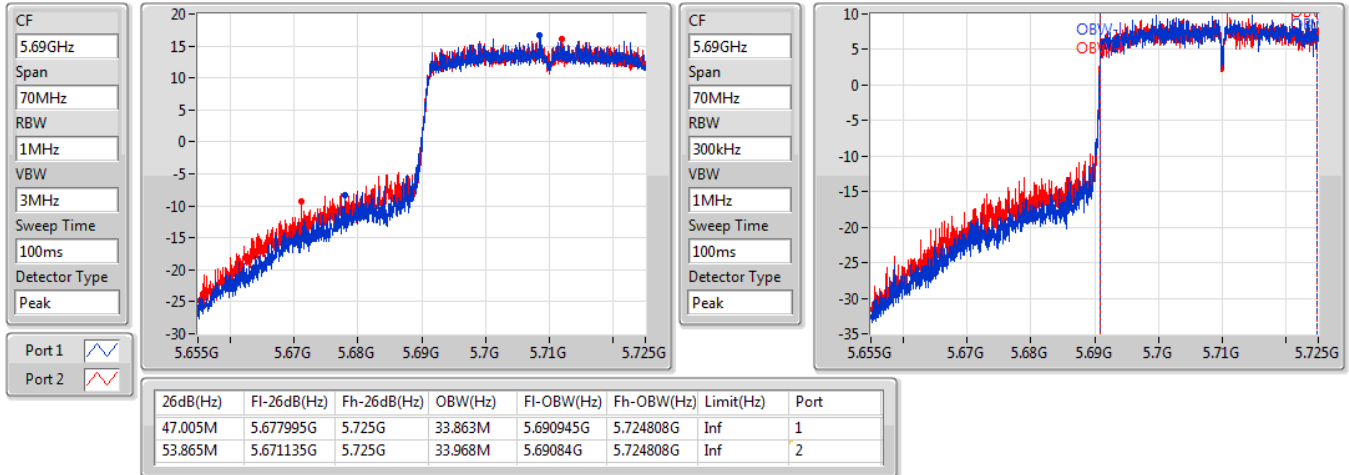

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5670MHz

05/12/2019

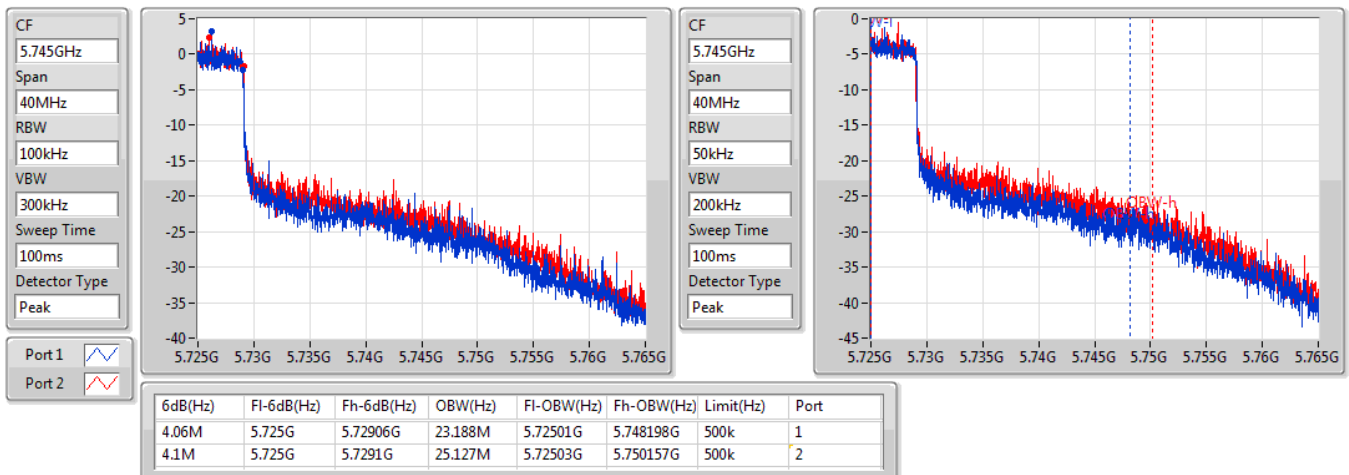


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

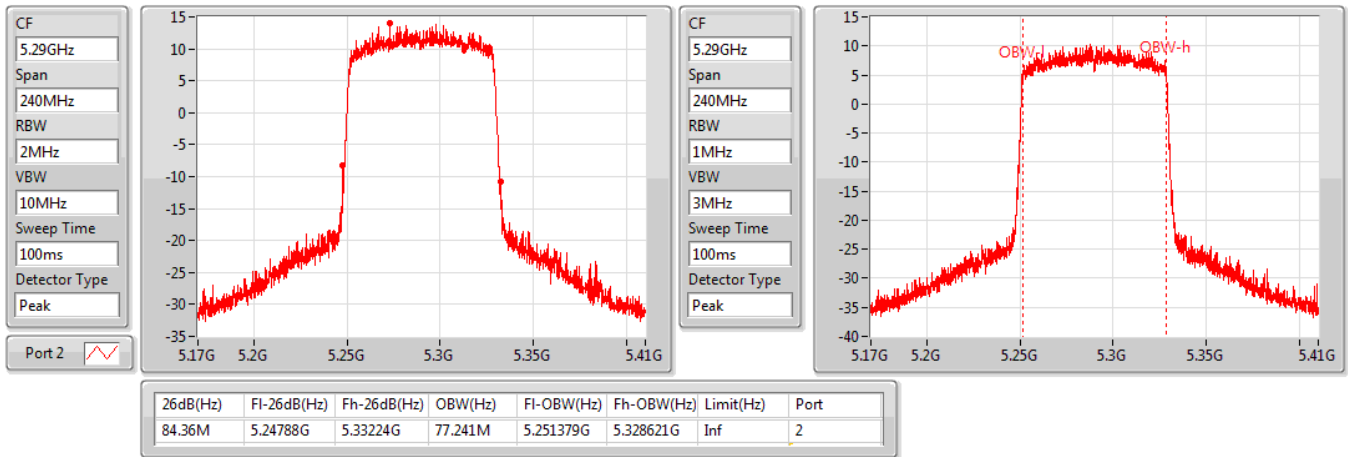

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

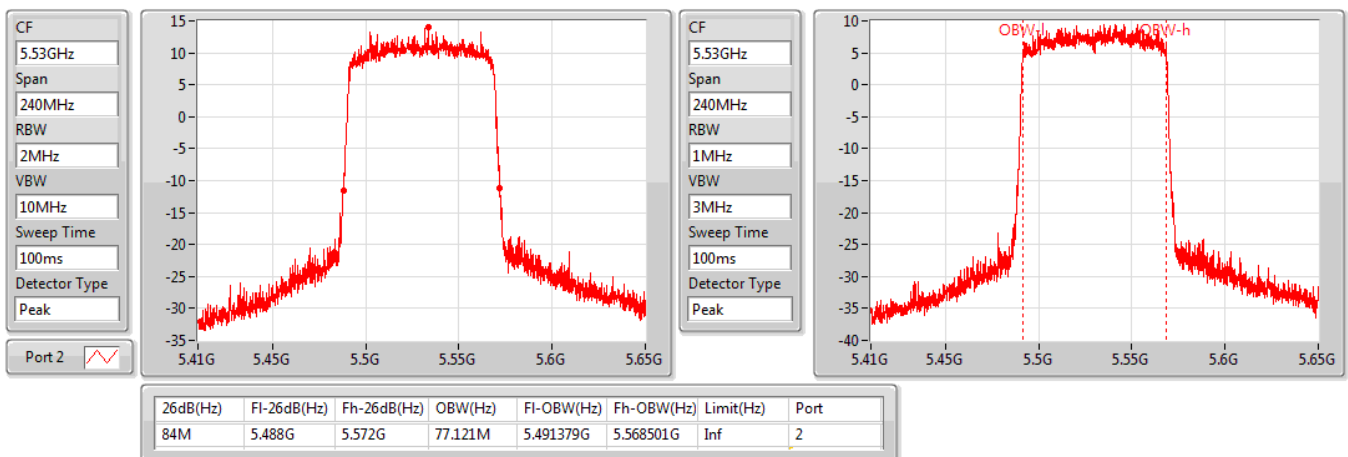


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5290MHz

05/12/2019

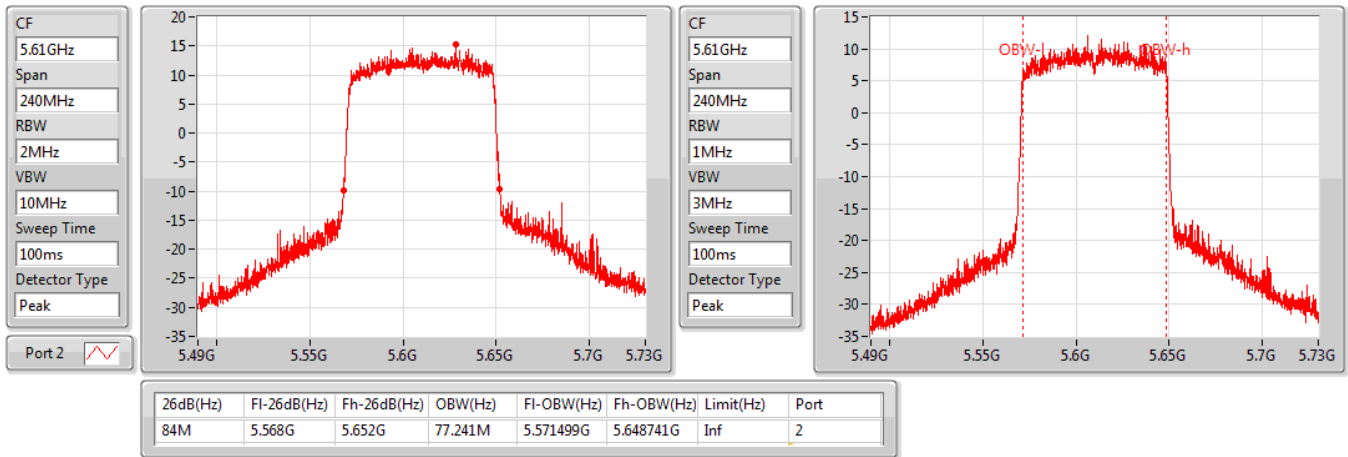

802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5530MHz

05/12/2019

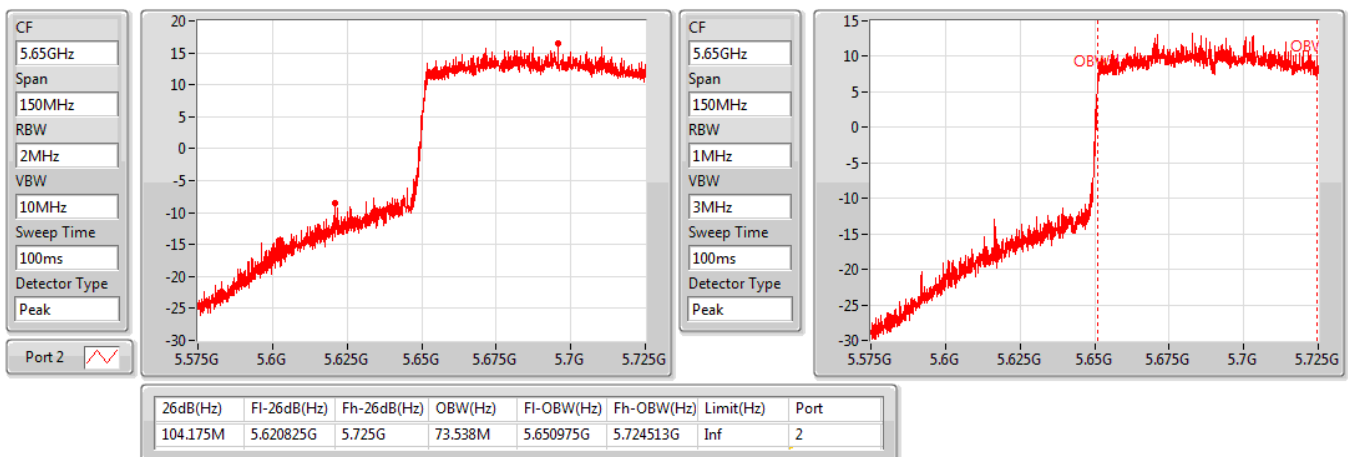


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5610MHz

05/12/2019

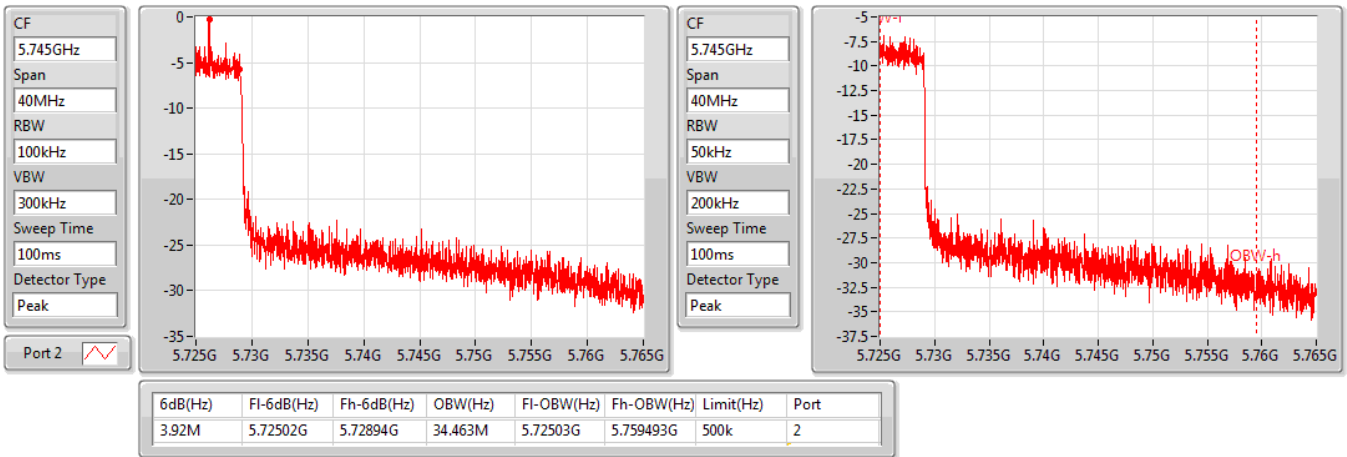

802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019

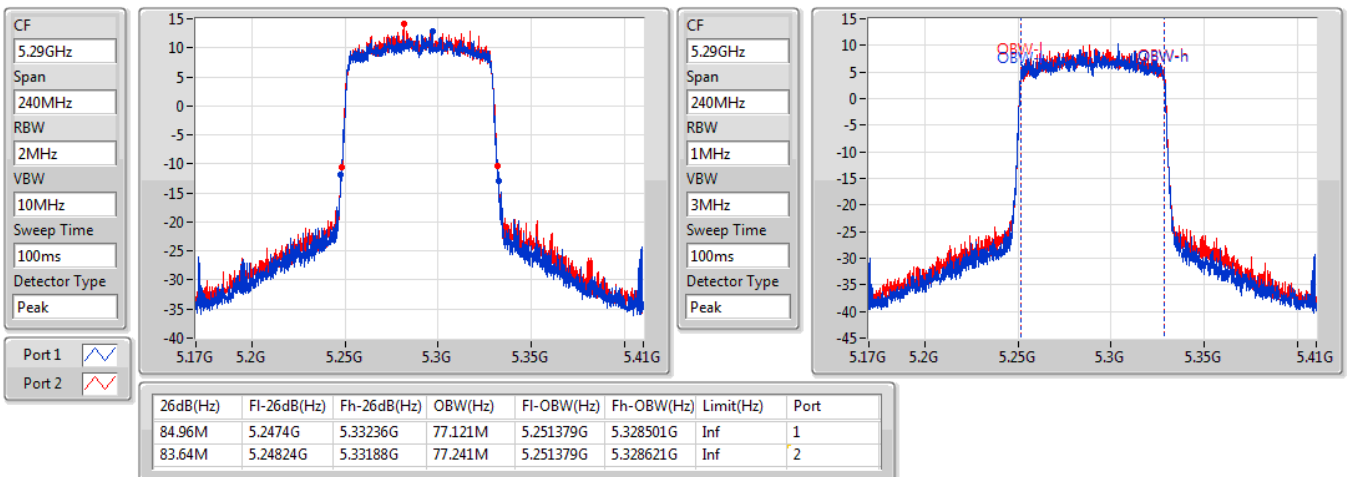


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019

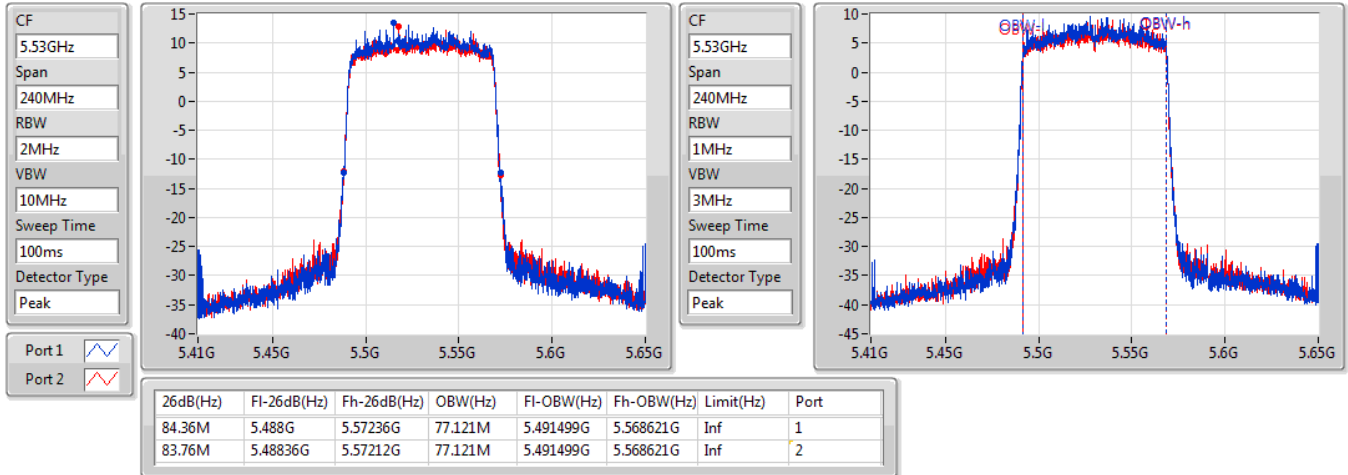

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

04/12/2019

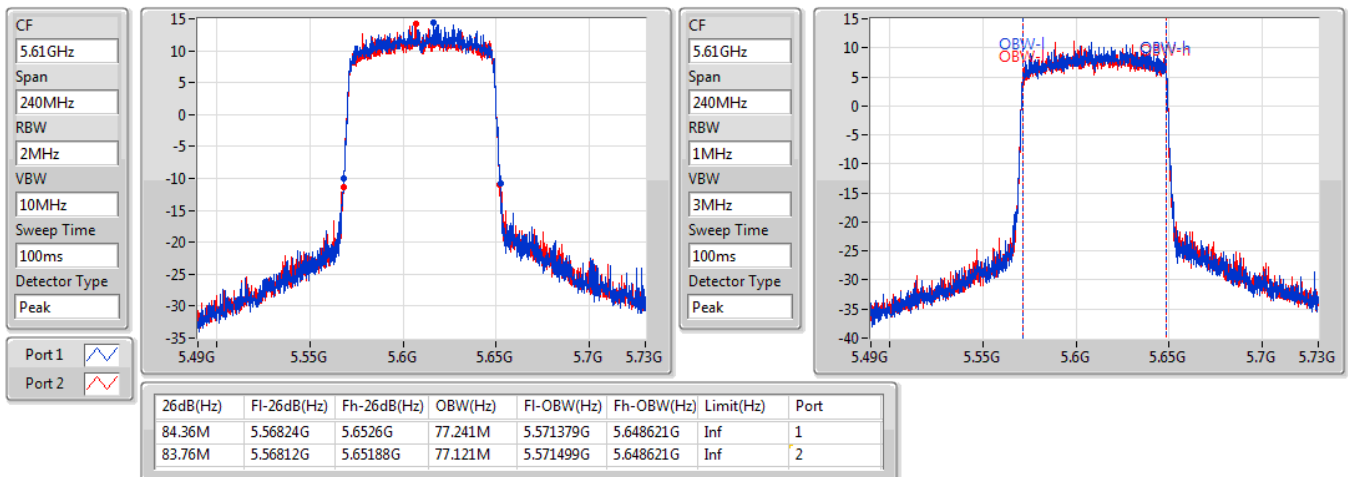


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

04/12/2019

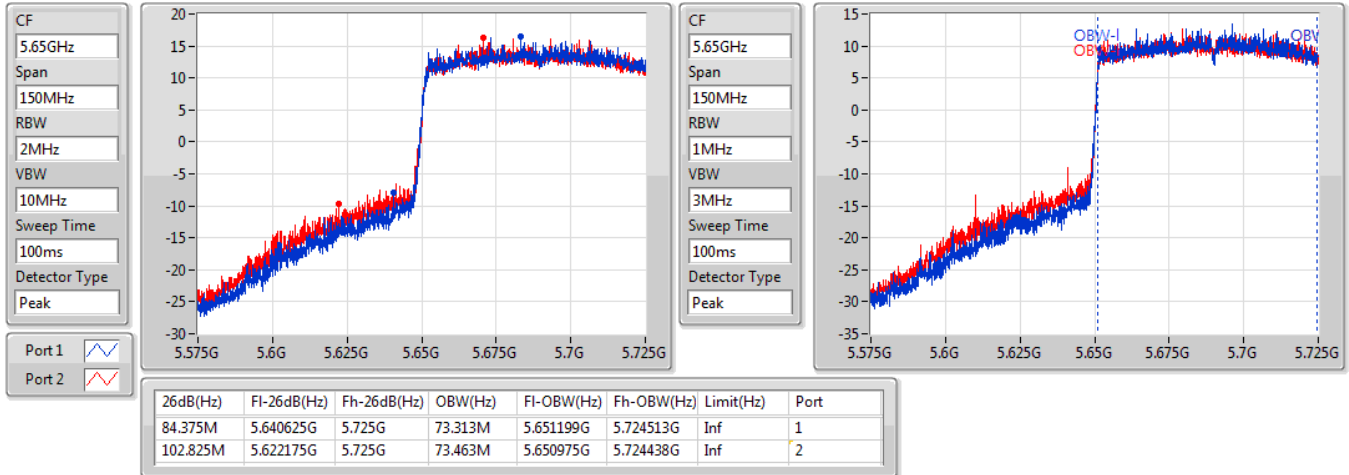

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5610MHz

05/12/2019

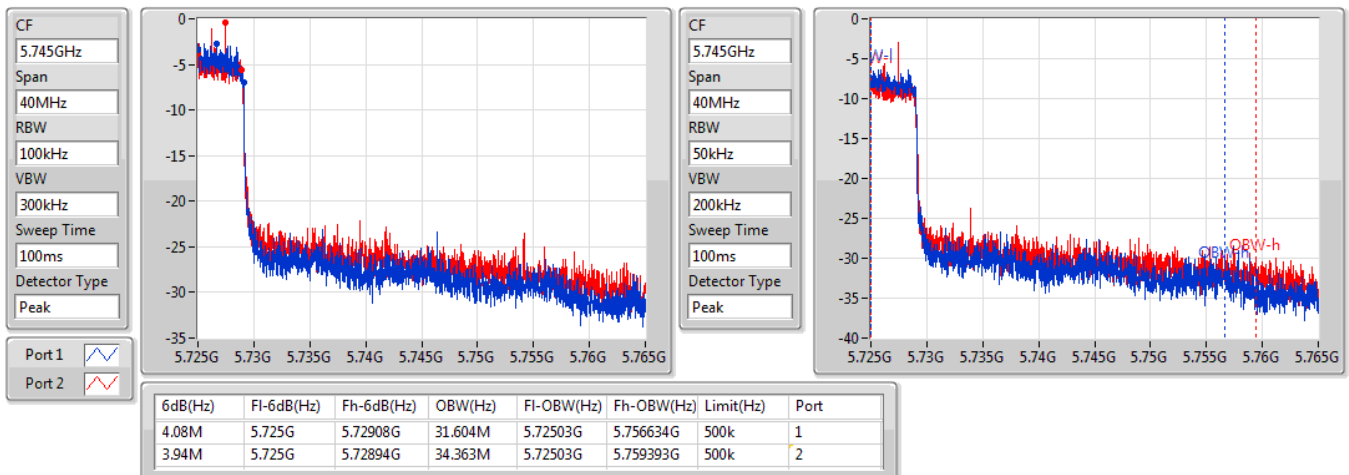


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	21.27M	16.432M	16M4D1D	19.59M	16.372M
802.11a_Nss1,(6Mbps)_2TX	19.44M	16.402M	16M4D1D	19.32M	16.342M
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	21.51M	17.601M	17M6D1D	20.79M	17.541M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.76M	17.571M	17M6D1D	20.4M	17.511M
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	42.72M	36.162M	36M2D1D	41.52M	36.162M
802.11ac VHT40_Nss1,(MCS0)_2TX	41.7M	36.162M	36M2D1D	41.28M	36.042M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	83.16M	75.322M	75M3D1D	83.16M	75.322M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.64M	75.322M	75M3D1D	83.04M	75.322M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	22.71M	18.951M	19MOD1D	21.48M	18.921M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.27M	18.951M	19MOD1D	21M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	42.24M	37.781M	37M8D1D	41.88M	37.721M
802.11ax HEW40_Nss1,(MCS0)_2TX	42M	37.781M	37M8D1D	41.58M	37.721M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	84.36M	77.121M	77M1D1D	84.36M	77.121M
802.11ax HEW80_Nss1,(MCS0)_2TX	84.24M	77.241M	77M2D1D	84.12M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	20.49M	16.402M	16M4D1D	15.375M	13.283M
802.11a_Nss1,(6Mbps)_2TX	19.47M	16.372M	16M4D1D	14.79M	13.238M
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	22.44M	17.601M	17M6D1D	15.855M	13.823M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.79M	17.571M	17M6D1D	15.21M	13.793M
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	43.02M	36.222M	36M2D1D	36.68M	32.919M
802.11ac VHT40_Nss1,(MCS0)_2TX	41.64M	36.162M	36M2D1D	35.49M	32.884M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	95.775M	75.322M	75M3D1D	83.28M	72.264M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.64M	75.442M	75M4D1D	76.8M	72.264M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	21.75M	18.921M	18M9D1D	15.72M	14.483M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.63M	18.921M	18M9D1D	15.57M	14.468M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	42.42M	37.841M	37M8D1D	36.645M	33.758M
802.11ax HEW40_Nss1,(MCS0)_2TX	42.24M	37.781M	37M8D1D	35.98M	33.688M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	84.72M	77.241M	77M2D1D	78.15M	73.238M
802.11ax HEW80_Nss1,(MCS0)_2TX	84.36M	77.241M	77M2D1D	77.325M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	3.12M	3.778M	3M78D1D	3.12M	3.778M
802.11a_Nss1,(6Mbps)_2TX	3.12M	3.398M	3M40D1D	3.1M	3.378M
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	3.72M	3.978M	3M98D1D	3.72M	3.978M
802.11ac VHT20_Nss1,(MCS0)_2TX	3.74M	3.918M	3M92D1D	3.72M	3.898M
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	3.1M	3.778M	3M78D1D	3.1M	3.778M
802.11ac VHT40_Nss1,(MCS0)_2TX	3.12M	3.478M	3M48D1D	3.1M	3.458M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	3.2M	15.072M	15M1D1D	3.2M	15.072M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.2M	3.778M	3M78D1D	3.1M	3.658M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	4.44M	4.538M	4M54D1D	4.44M	4.538M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.5M	4.518M	4M52D1D	4.42M	4.518M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	3.98M	4.558M	4M56D1D	3.98M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.04M	4.058M	4M06D1D	4.02M	4.058M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	4.1M	17.191M	17M2D1D	4.1M	17.191M



Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	4.098M	4M10D1D	4.04M	4.098M

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)_1TX(Port2)	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf			21.27M	16.432M
5300MHz_TnomVnom	Pass	Inf			20.7M	16.432M
5320MHz_TnomVnom	Pass	Inf			19.59M	16.372M
5500MHz_TnomVnom	Pass	Inf			19.77M	16.372M
5580MHz_TnomVnom	Pass	Inf			20.49M	16.402M
5700MHz_TnomVnom	Pass	Inf			19.53M	16.372M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			15.375M	13.283M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			3.12M	3.778M
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	19.32M	16.372M	19.38M	16.372M
5300MHz_TnomVnom	Pass	Inf	19.44M	16.372M	19.41M	16.372M
5320MHz_TnomVnom	Pass	Inf	19.44M	16.342M	19.35M	16.402M
5500MHz_TnomVnom	Pass	Inf	19.38M	16.372M	19.44M	16.342M
5580MHz_TnomVnom	Pass	Inf	19.41M	16.372M	19.44M	16.372M
5700MHz_TnomVnom	Pass	Inf	19.26M	16.372M	19.47M	16.372M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	14.91M	13.253M	14.79M	13.238M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.1M	3.398M	3.12M	3.378M
802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf			21.51M	17.601M
5300MHz_TnomVnom	Pass	Inf			21.03M	17.601M
5320MHz_TnomVnom	Pass	Inf			20.79M	17.541M
5500MHz_TnomVnom	Pass	Inf			20.94M	17.571M
5580MHz_TnomVnom	Pass	Inf			22.44M	17.601M
5700MHz_TnomVnom	Pass	Inf			20.85M	17.571M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			15.855M	13.823M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			3.72M	3.978M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.58M	17.541M	20.76M	17.571M
5300MHz_TnomVnom	Pass	Inf	20.73M	17.571M	20.55M	17.511M
5320MHz_TnomVnom	Pass	Inf	20.73M	17.571M	20.4M	17.541M
5500MHz_TnomVnom	Pass	Inf	20.79M	17.541M	20.7M	17.541M
5580MHz_TnomVnom	Pass	Inf	20.55M	17.571M	20.58M	17.541M
5700MHz_TnomVnom	Pass	Inf	20.73M	17.571M	20.73M	17.541M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.39M	13.808M	15.21M	13.793M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	3.918M	3.72M	3.898M
802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf			42.72M	36.162M
5310MHz_TnomVnom	Pass	Inf			41.52M	36.162M
5510MHz_TnomVnom	Pass	Inf			41.64M	36.102M
5550MHz_TnomVnom	Pass	Inf			43.02M	36.222M
5670MHz_TnomVnom	Pass	Inf			41.34M	36.102M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			36.68M	32.919M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			3.1M	3.778M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	41.64M	36.102M	41.28M	36.162M
5310MHz_TnomVnom	Pass	Inf	41.7M	36.162M	41.28M	36.042M
5510MHz_TnomVnom	Pass	Inf	41.58M	36.162M	41.16M	36.102M
5550MHz_TnomVnom	Pass	Inf	41.46M	36.102M	41.64M	36.102M
5670MHz_TnomVnom	Pass	Inf	41.52M	36.102M	41.16M	36.102M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	36.015M	32.884M	35.49M	32.919M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	3.478M	3.1M	3.458M
802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf			83.16M	75.322M
5530MHz_TnomVnom	Pass	Inf			83.76M	75.322M
5610MHz_TnomVnom	Pass	Inf			83.28M	75.322M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			95.775M	72.264M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			3.2M	15.072M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.64M	75.322M	83.04M	75.322M
5530MHz_TnomVnom	Pass	Inf	83.64M	75.322M	83.16M	75.442M
5610MHz_TnomVnom	Pass	Inf	83.52M	75.322M	83.16M	75.322M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.875M	72.264M	76.8M	72.264M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	3.658M	3.1M	3.778M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf			21.48M	18.951M
5300MHz_TnomVnom	Pass	Inf			22.71M	18.921M
5320MHz_TnomVnom	Pass	Inf			21.51M	18.921M
5500MHz_TnomVnom	Pass	Inf			21.66M	18.921M
5580MHz_TnomVnom	Pass	Inf			21.75M	18.921M
5700MHz_TnomVnom	Pass	Inf			21.45M	18.921M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			15.72M	14.483M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			4.44M	4.538M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	21.24M	18.921M	21.09M	18.921M
5300MHz_TnomVnom	Pass	Inf	21.27M	18.951M	21M	18.891M
5320MHz_TnomVnom	Pass	Inf	21.09M	18.861M	21M	18.921M
5500MHz_TnomVnom	Pass	Inf	21.18M	18.921M	20.94M	18.921M
5580MHz_TnomVnom	Pass	Inf	20.97M	18.921M	20.91M	18.891M
5700MHz_TnomVnom	Pass	Inf	21.63M	18.921M	20.94M	18.921M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.615M	14.468M	15.57M	14.468M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.5M	4.518M	4.42M	4.518M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf			42.24M	37.781M
5310MHz_TnomVnom	Pass	Inf			41.88M	37.721M
5510MHz_TnomVnom	Pass	Inf			41.82M	37.721M
5550MHz_TnomVnom	Pass	Inf			42.42M	37.841M
5670MHz_TnomVnom	Pass	Inf			42.06M	37.781M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			36.645M	33.758M

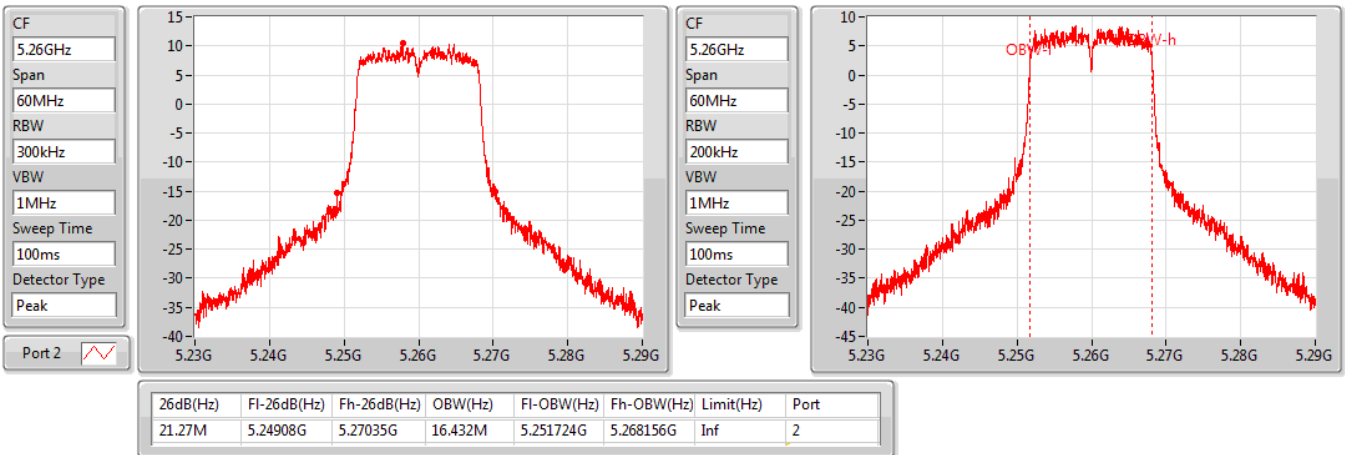
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			3.98M	4.558M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	41.58M	37.721M	42M	37.781M
5310MHz_TnomVnom	Pass	Inf	41.94M	37.781M	41.7M	37.781M
5510MHz_TnomVnom	Pass	Inf	41.88M	37.721M	41.64M	37.661M
5550MHz_TnomVnom	Pass	Inf	41.82M	37.781M	42M	37.721M
5670MHz_TnomVnom	Pass	Inf	42.06M	37.721M	42.24M	37.721M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	36.085M	33.758M	35.98M	33.688M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.04M	4.058M	4.02M	4.058M
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf			84.36M	77.121M
5530MHz_TnomVnom	Pass	Inf			84.24M	77.121M
5610MHz_TnomVnom	Pass	Inf			84.72M	77.241M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			78.15M	73.238M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			4.1M	17.191M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	84.12M	77.121M	84.24M	77.241M
5530MHz_TnomVnom	Pass	Inf	84.12M	77.241M	83.76M	77.121M
5610MHz_TnomVnom	Pass	Inf	84.36M	77.241M	84M	77.121M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	77.4M	73.163M	77.325M	73.163M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	4.06M	4.098M	4.04M	4.098M

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

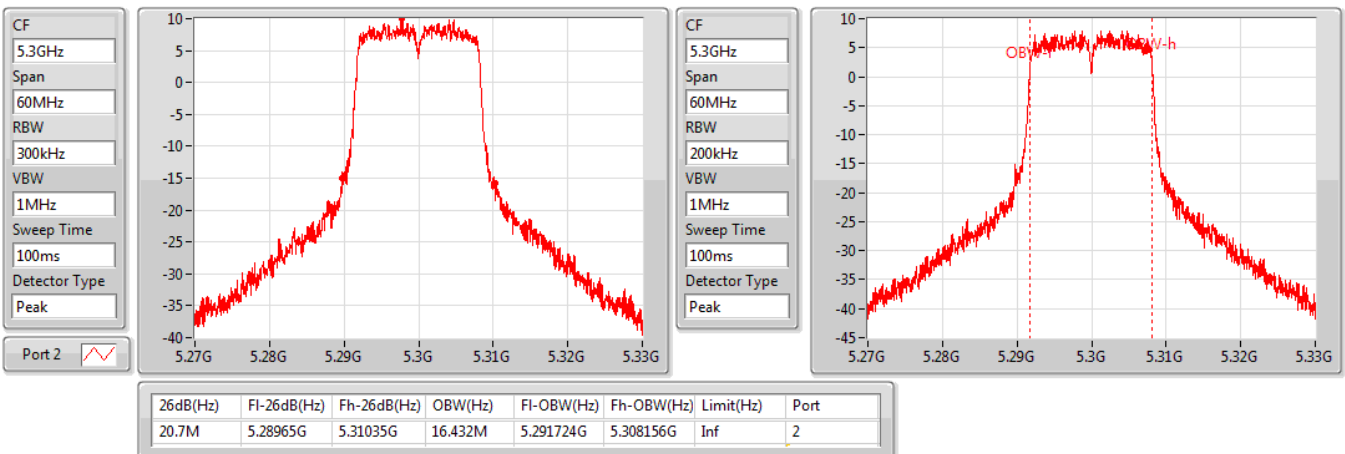
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5260MHz

05/12/2019

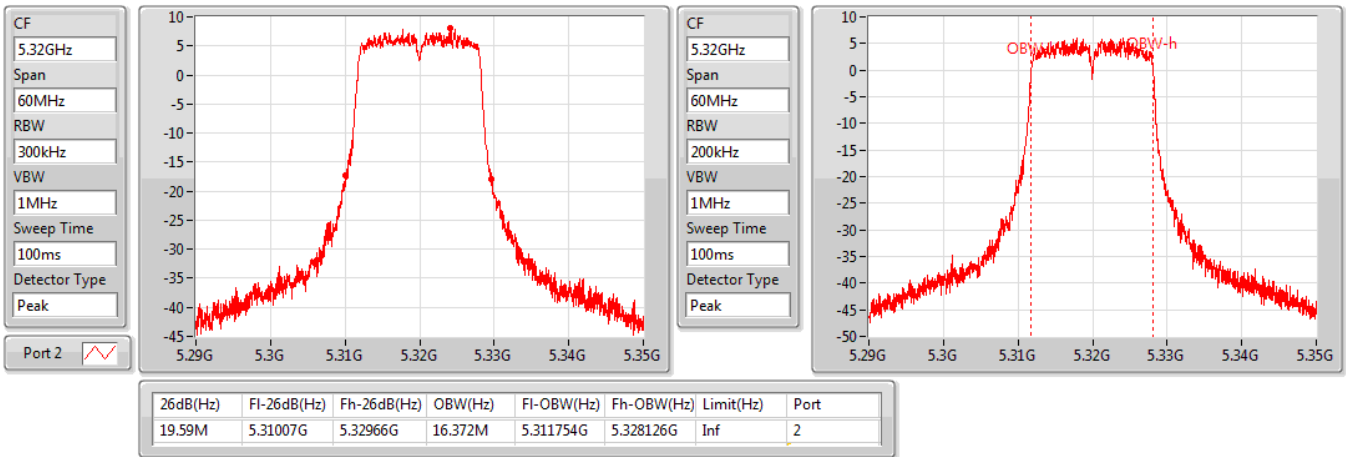

802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5300MHz

05/12/2019

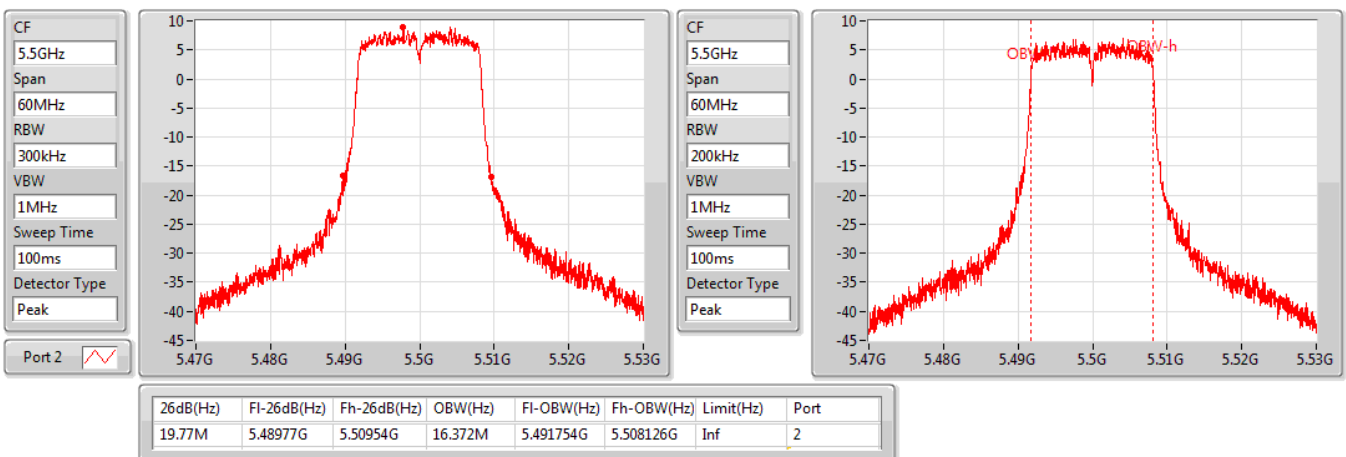


802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5320MHz

05/12/2019

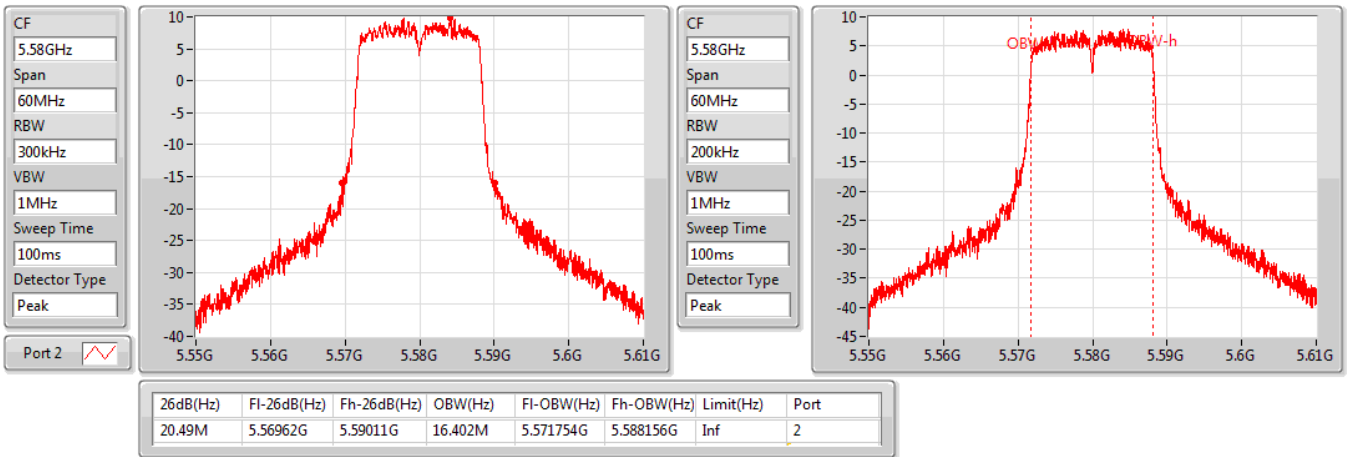

802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5500MHz

05/12/2019

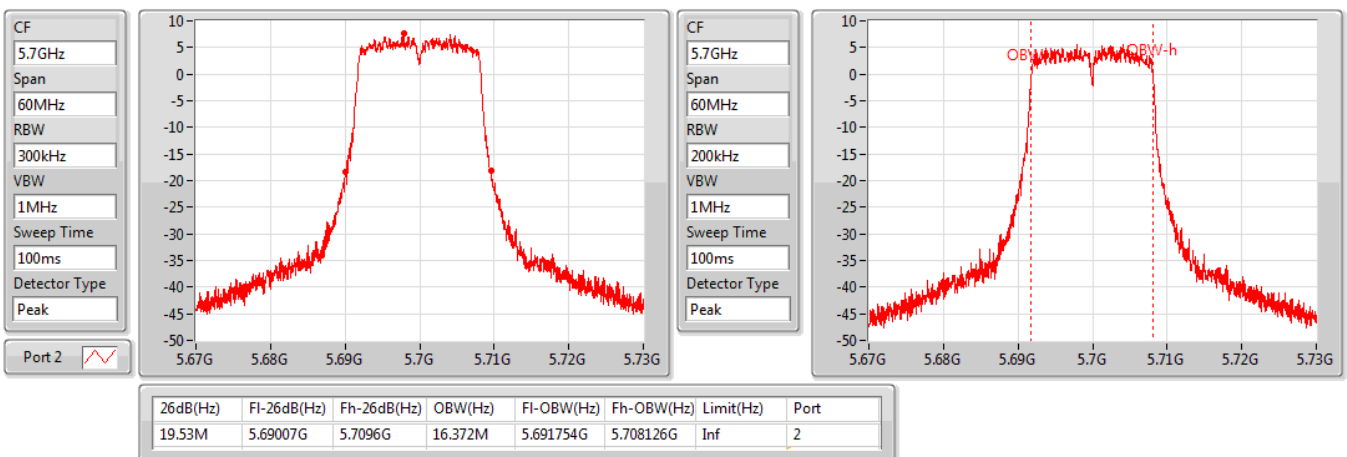


802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5580MHz

05/12/2019

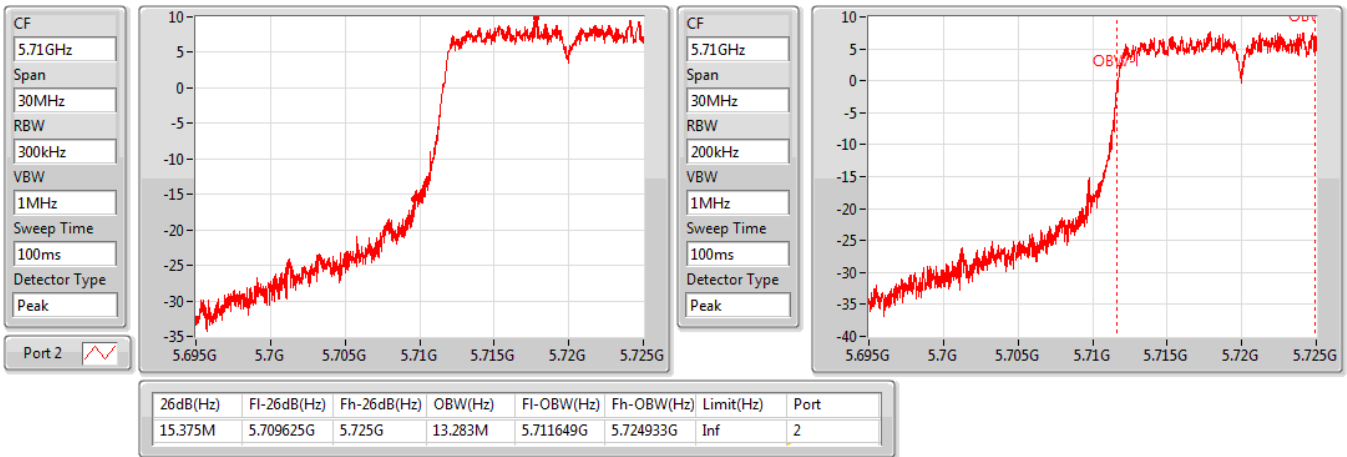

802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5700MHz

05/12/2019

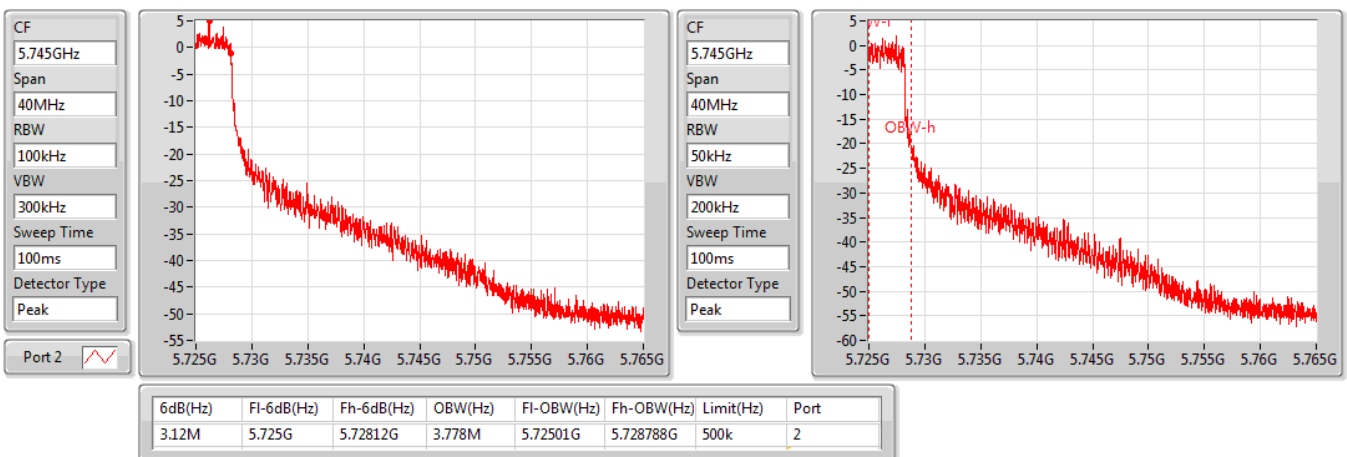


802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

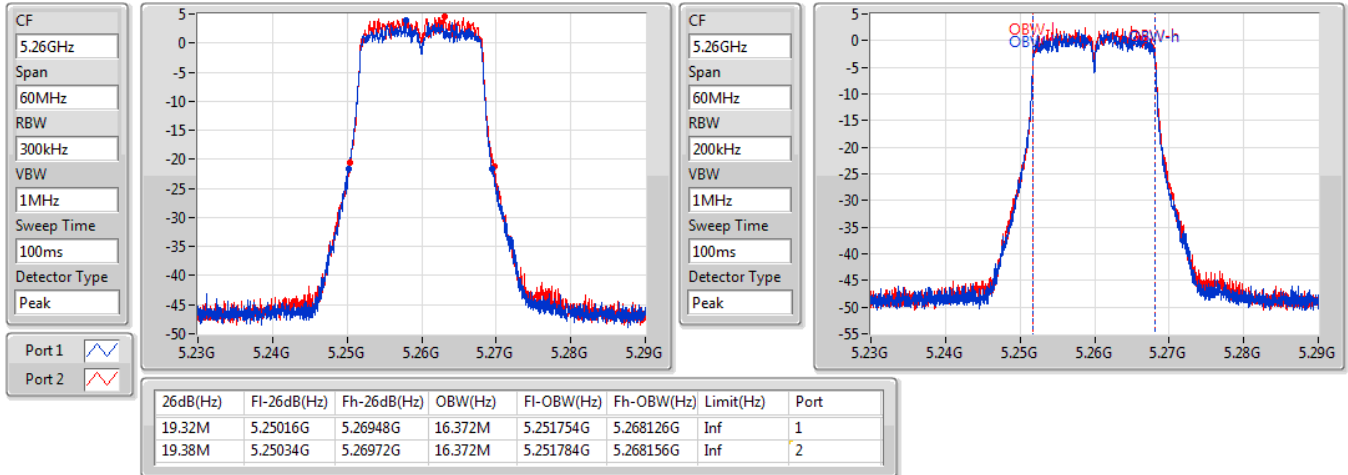

802.11a_Nss1,(6Mbps)_1TX(Port2)
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

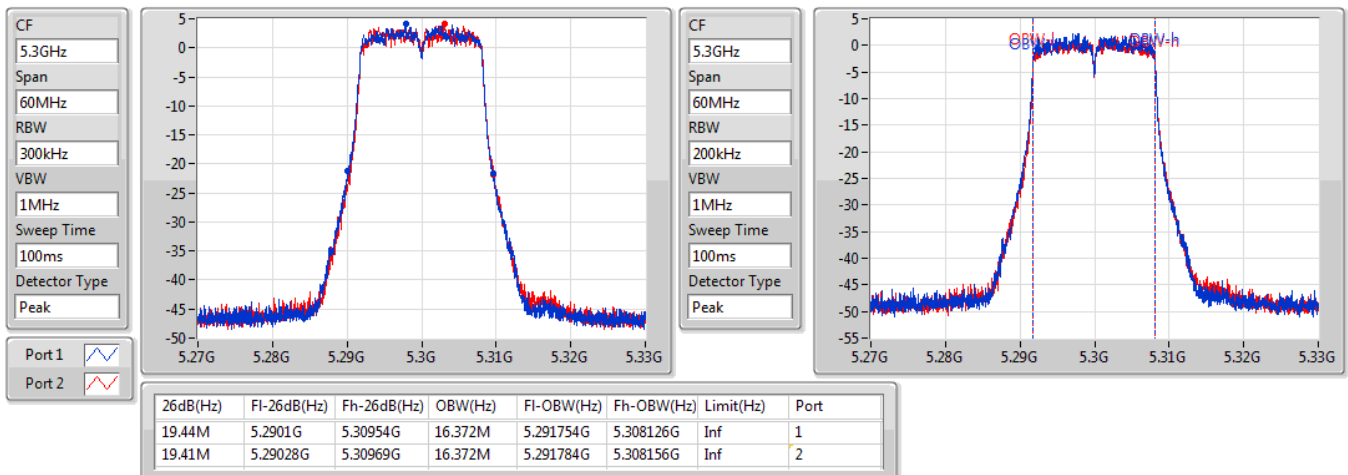


802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

05/12/2019

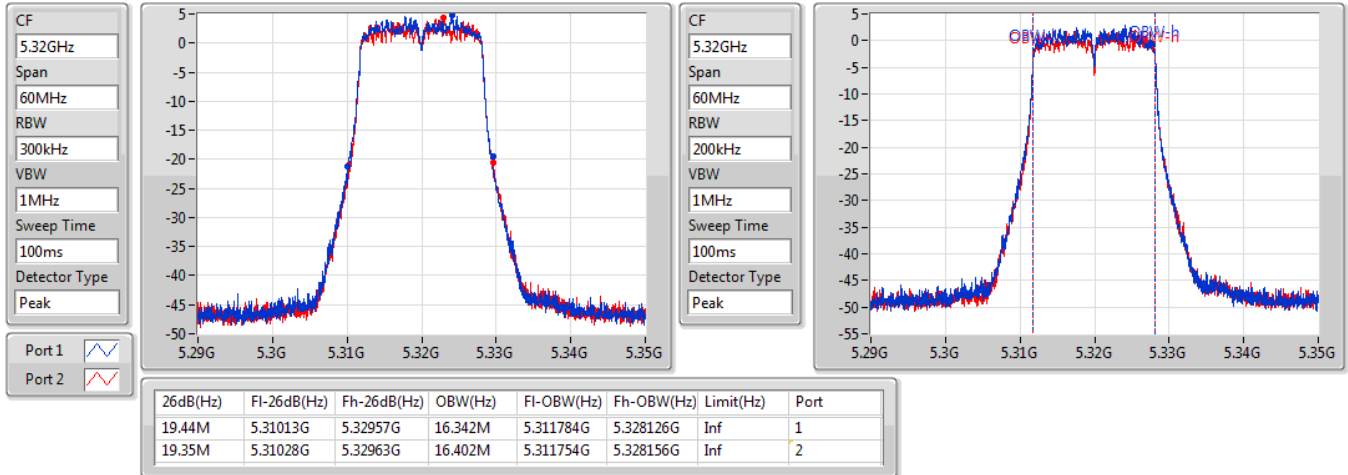

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

05/12/2019

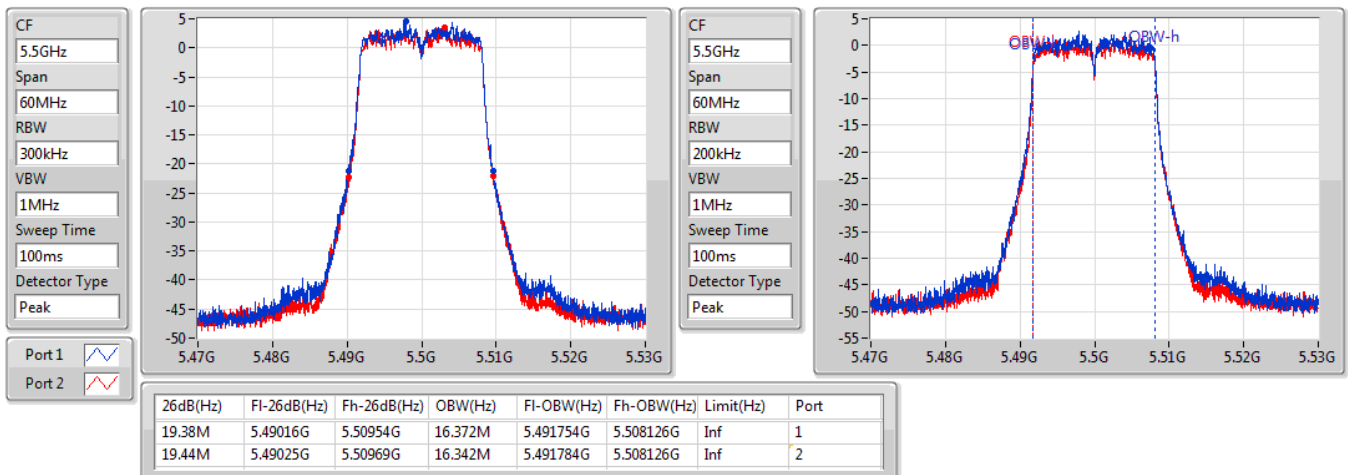


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

05/12/2019

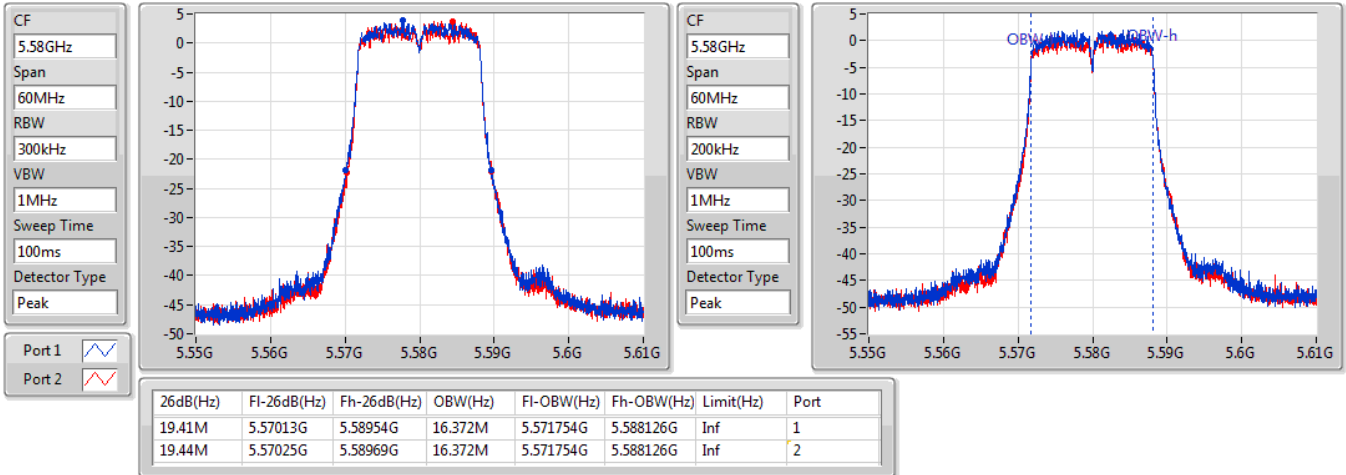

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

05/12/2019

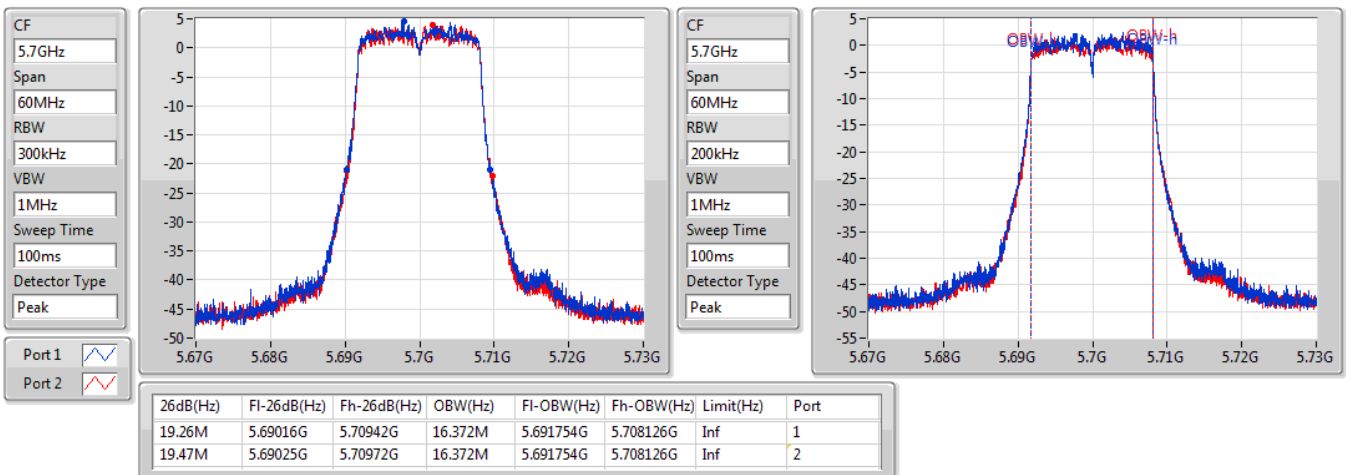


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

05/12/2019

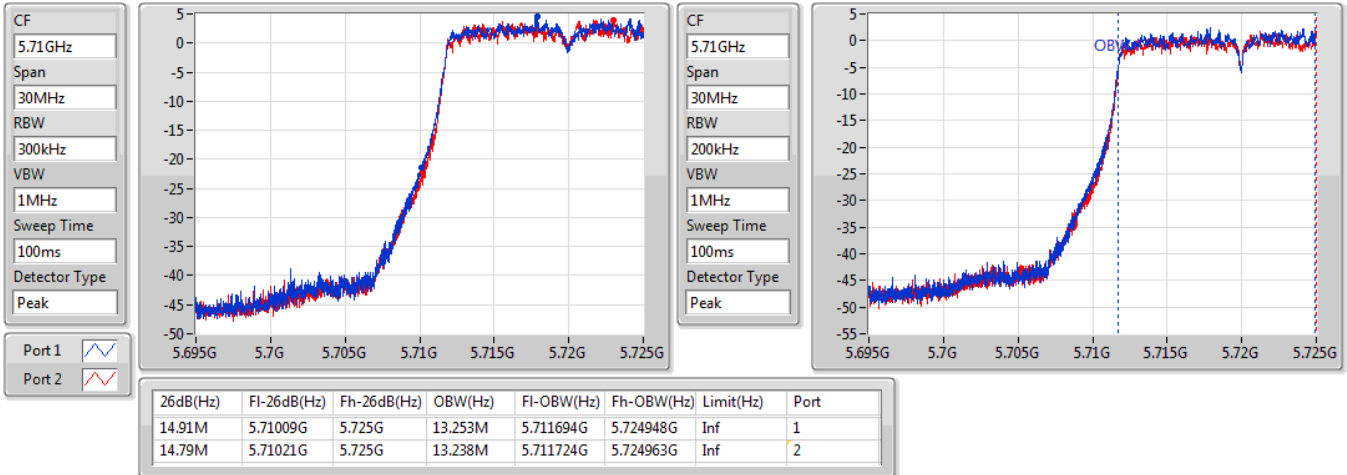

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

05/12/2019

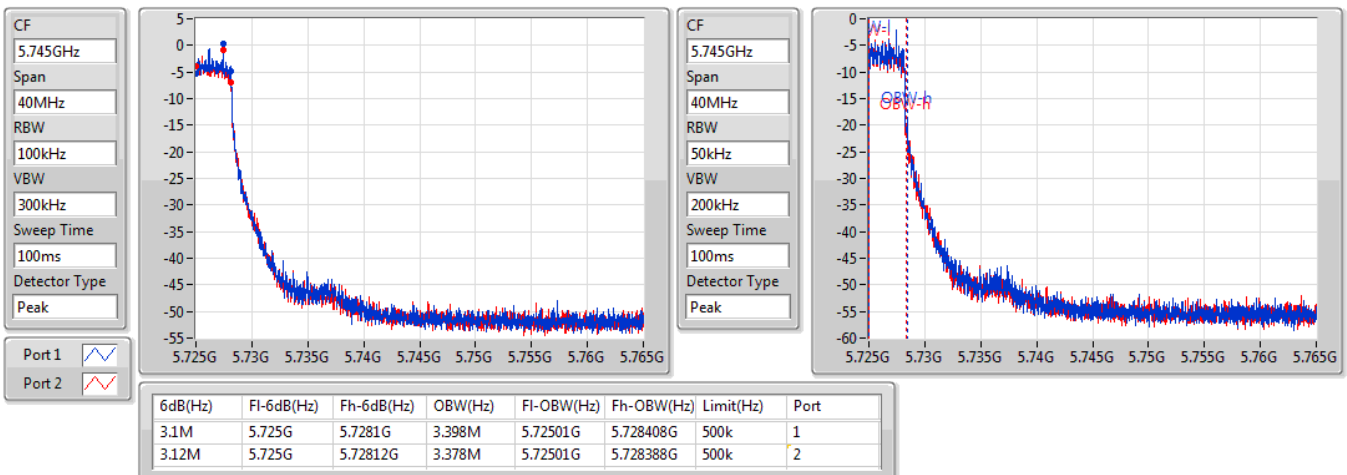


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

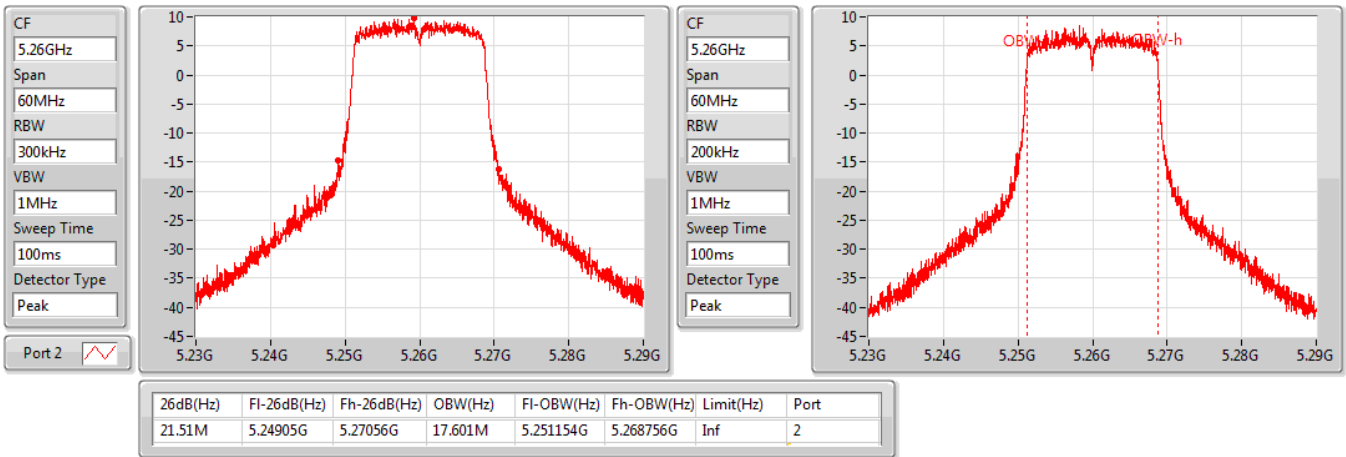

802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

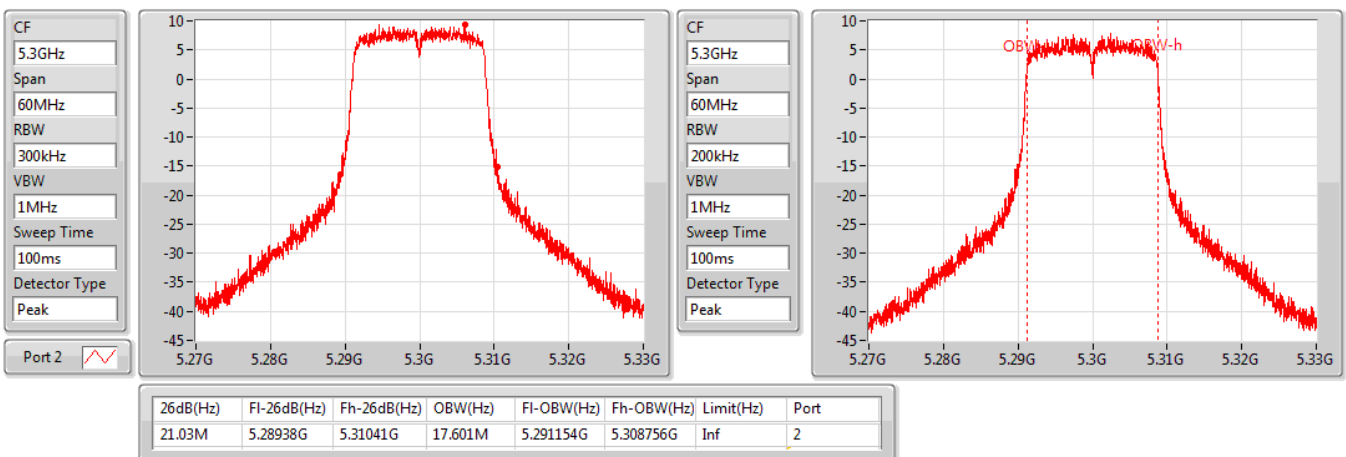


802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5260MHz

05/12/2019

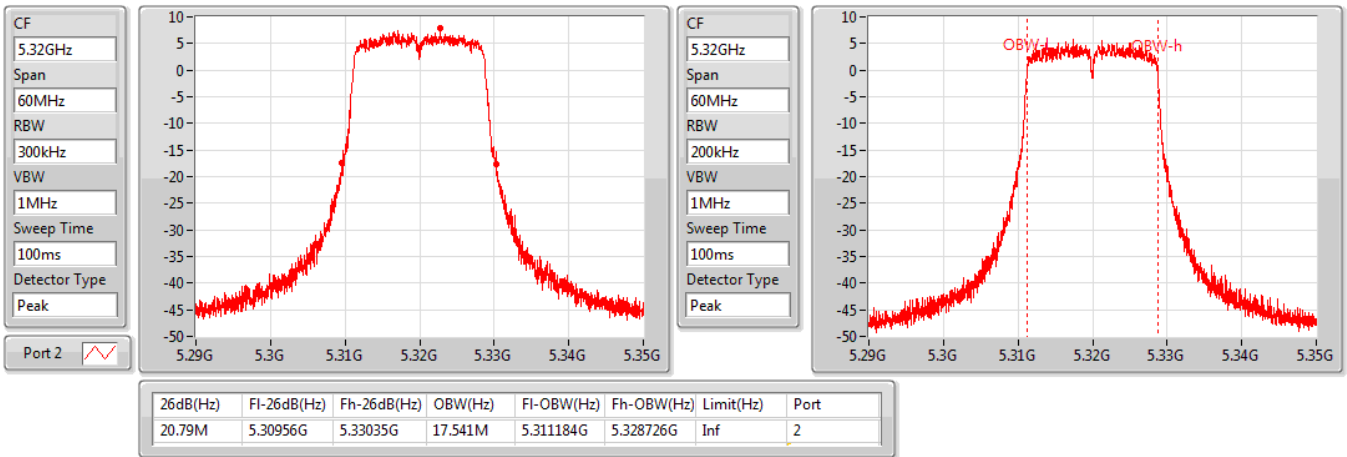

802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5300MHz

05/12/2019

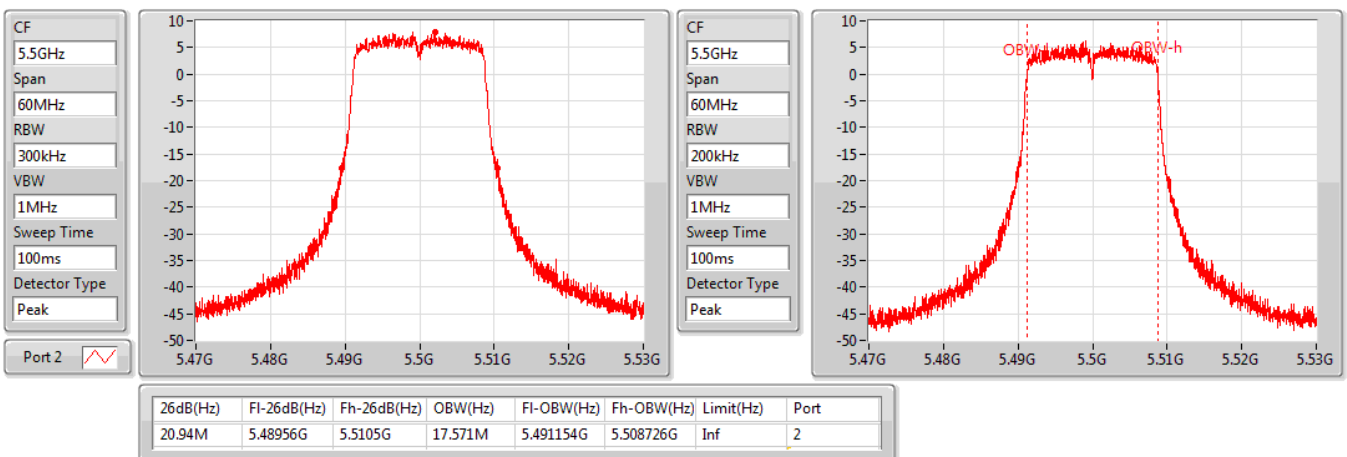


802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5320MHz

05/12/2019

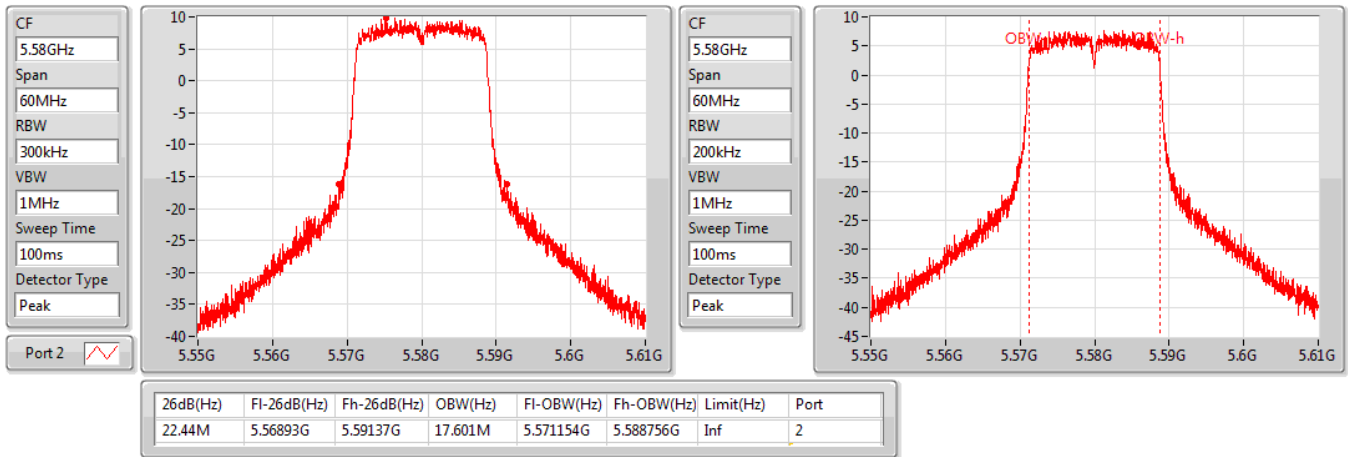

802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5500MHz

05/12/2019

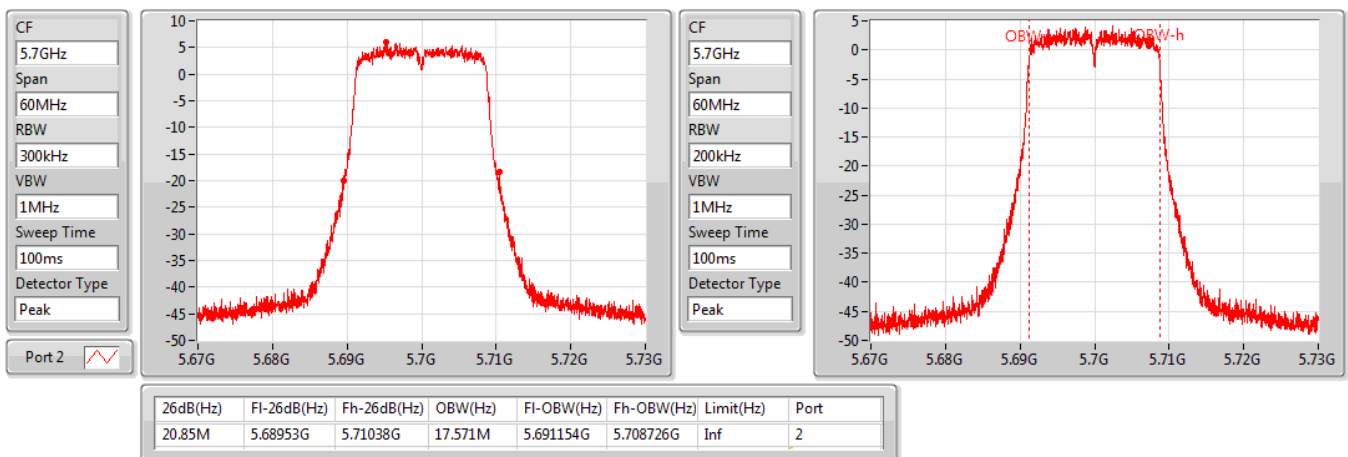


802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5580MHz

05/12/2019

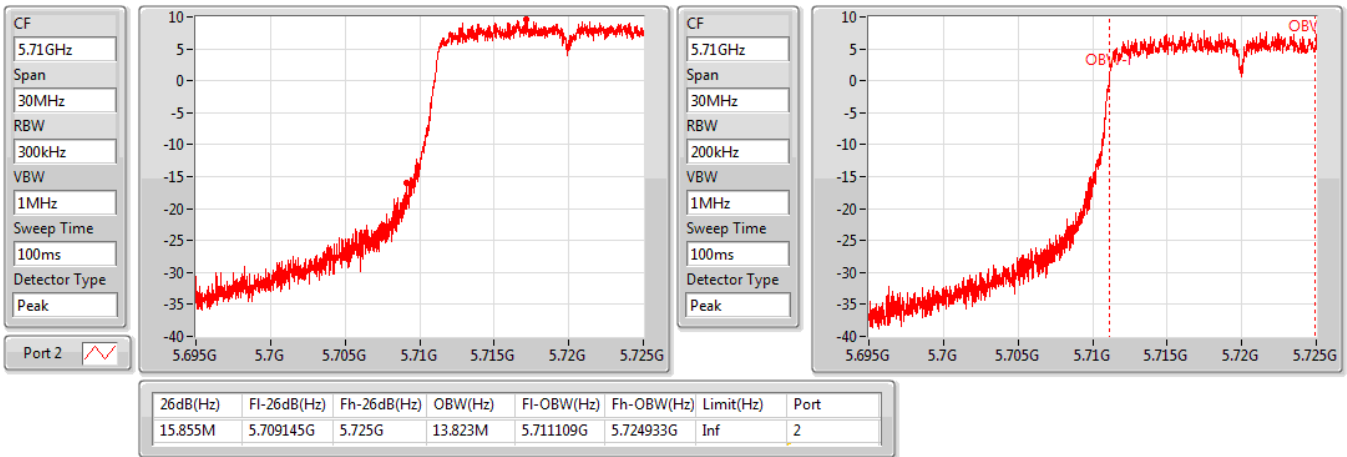

802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5700MHz

05/12/2019

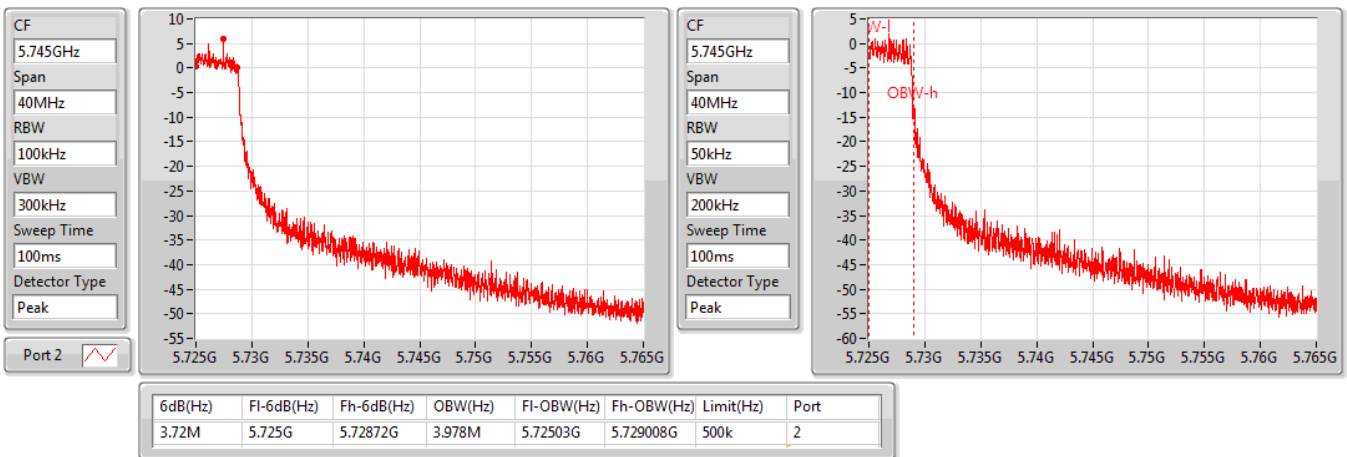


802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

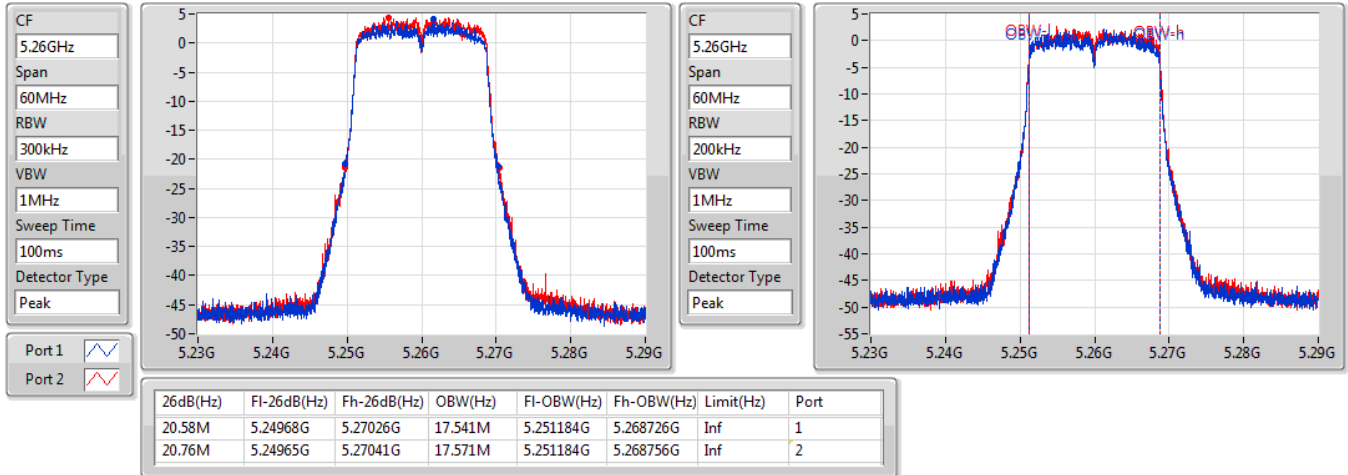

802.11ac VHT20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

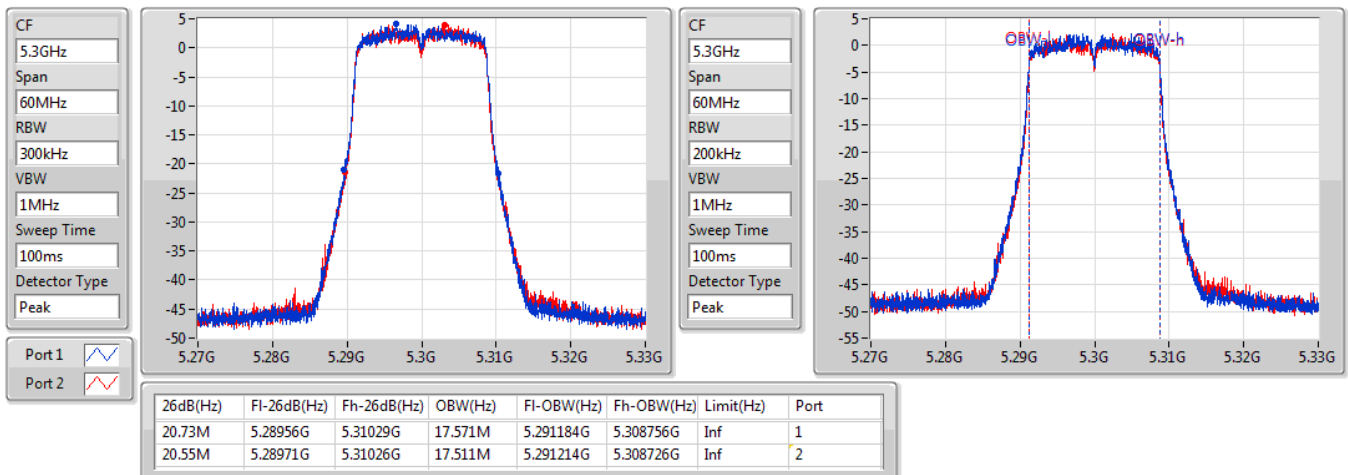


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

05/12/2019

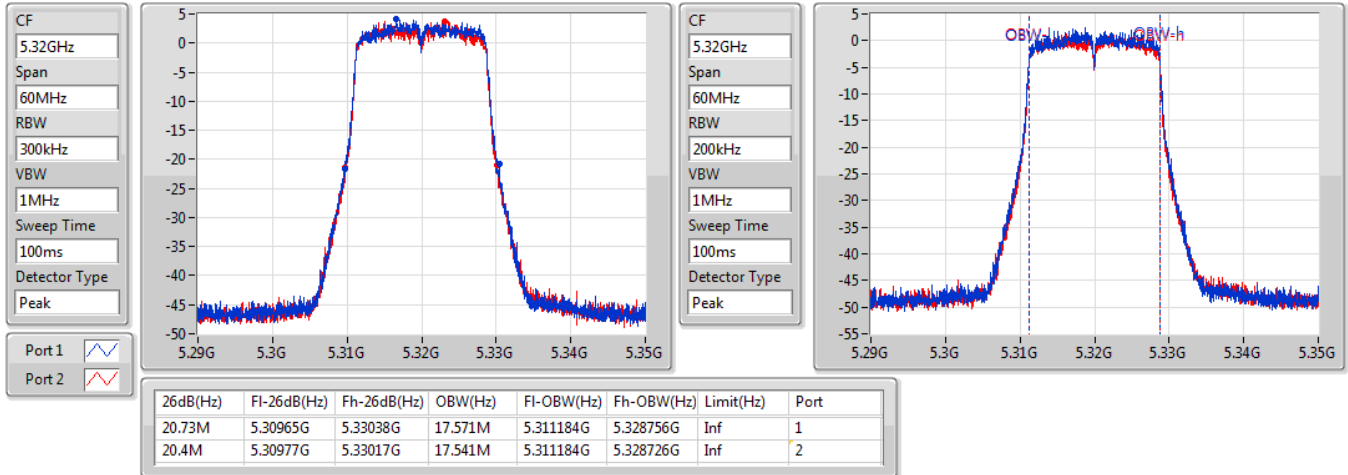

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

05/12/2019

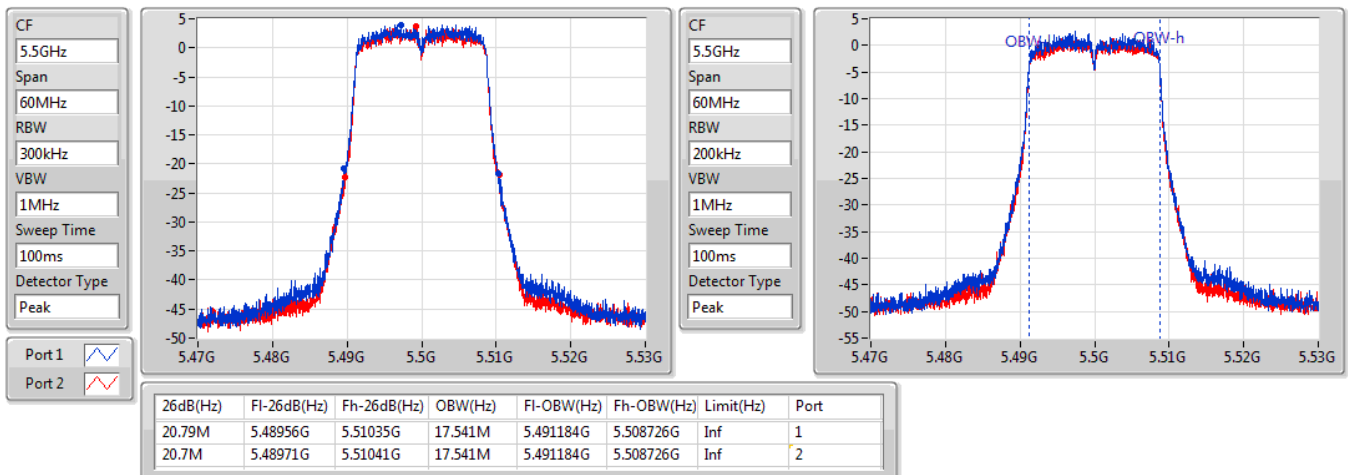


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

05/12/2019

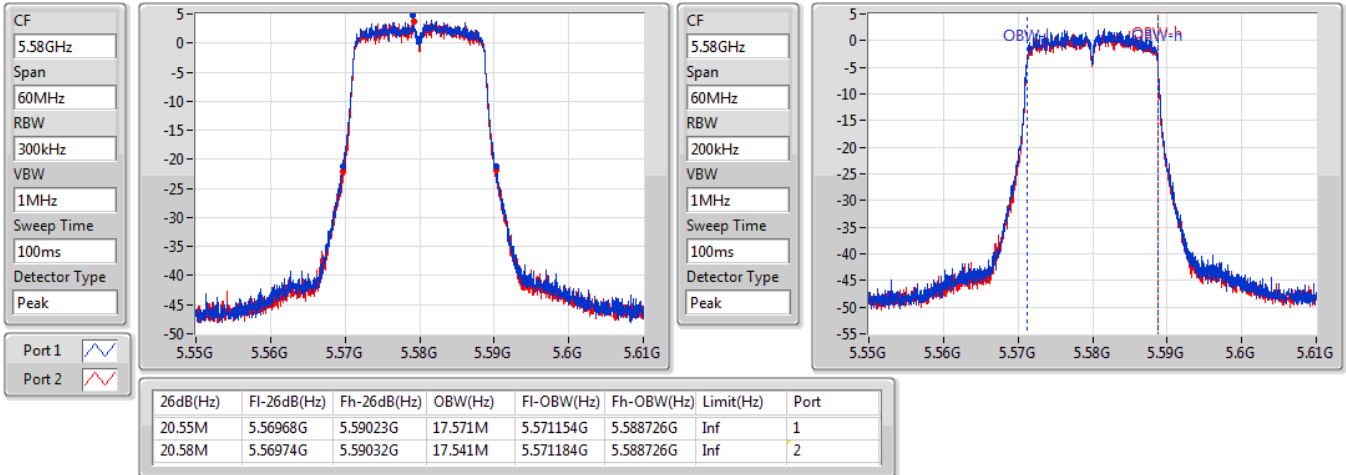

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

05/12/2019

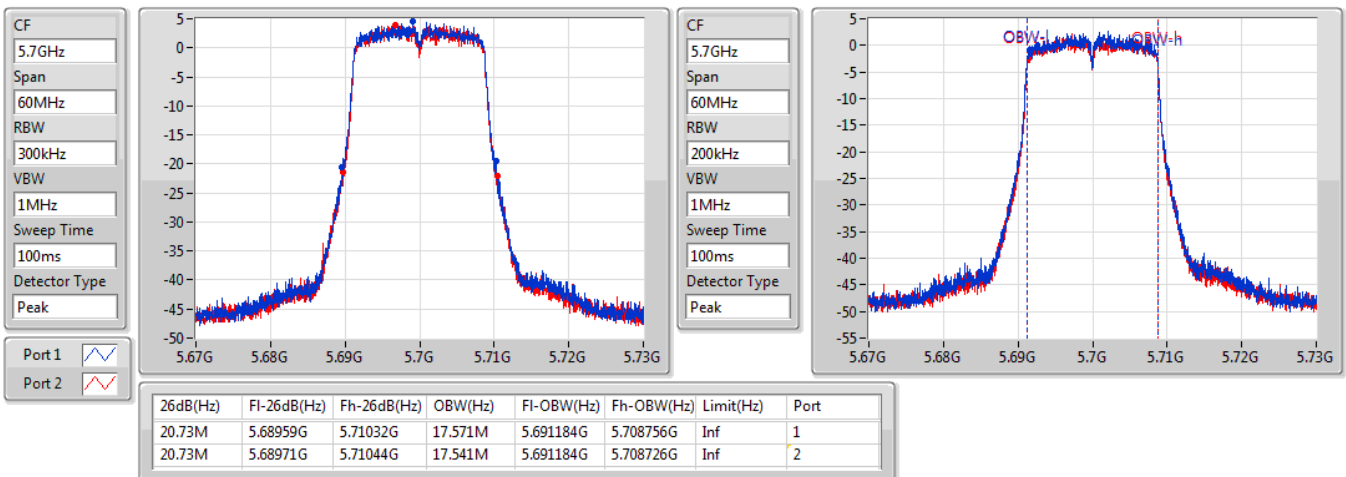


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

05/12/2019

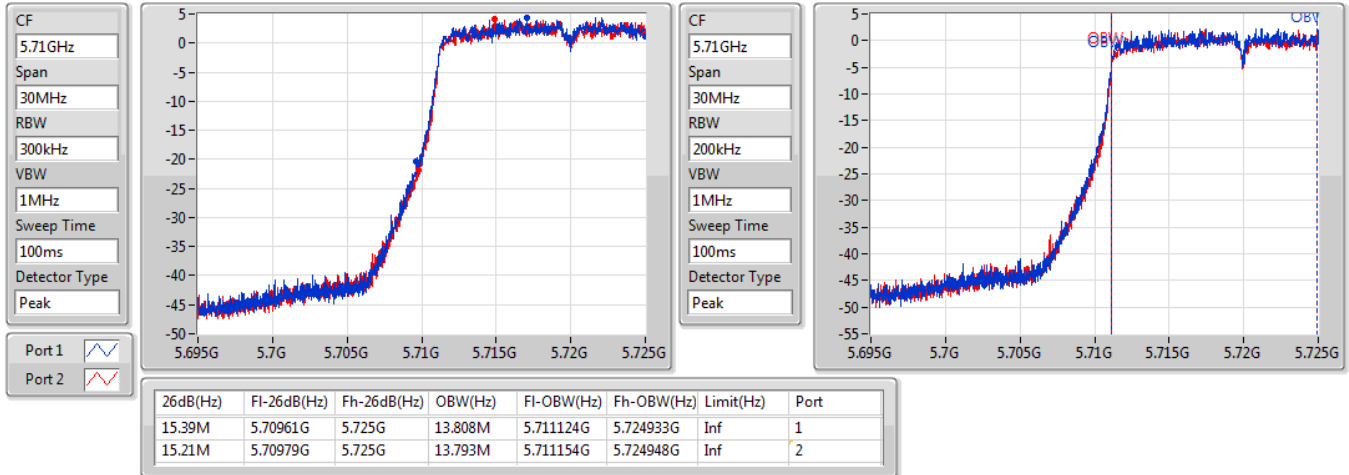

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5700MHz

05/12/2019

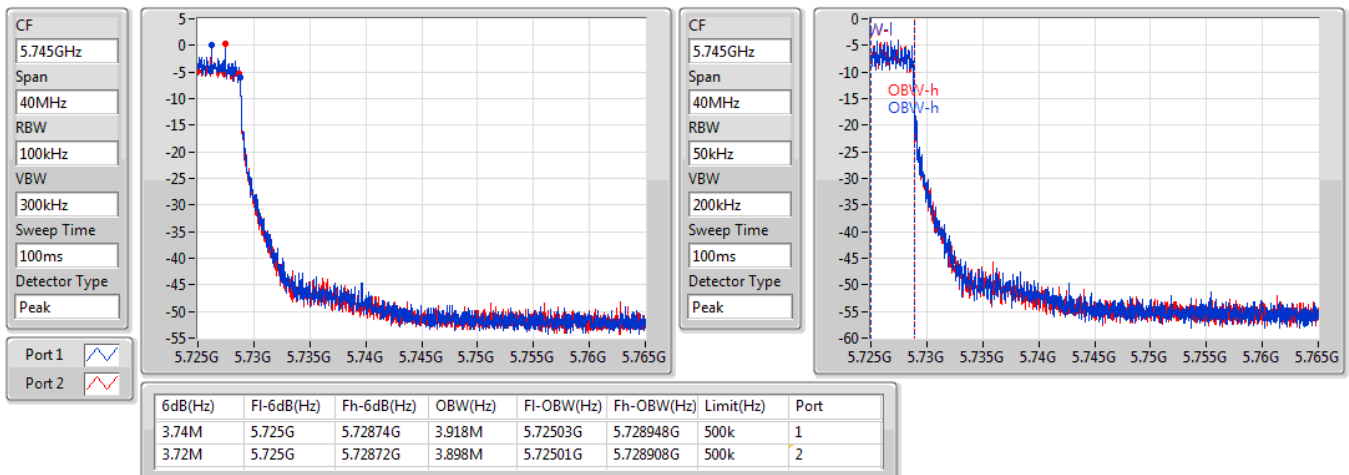


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

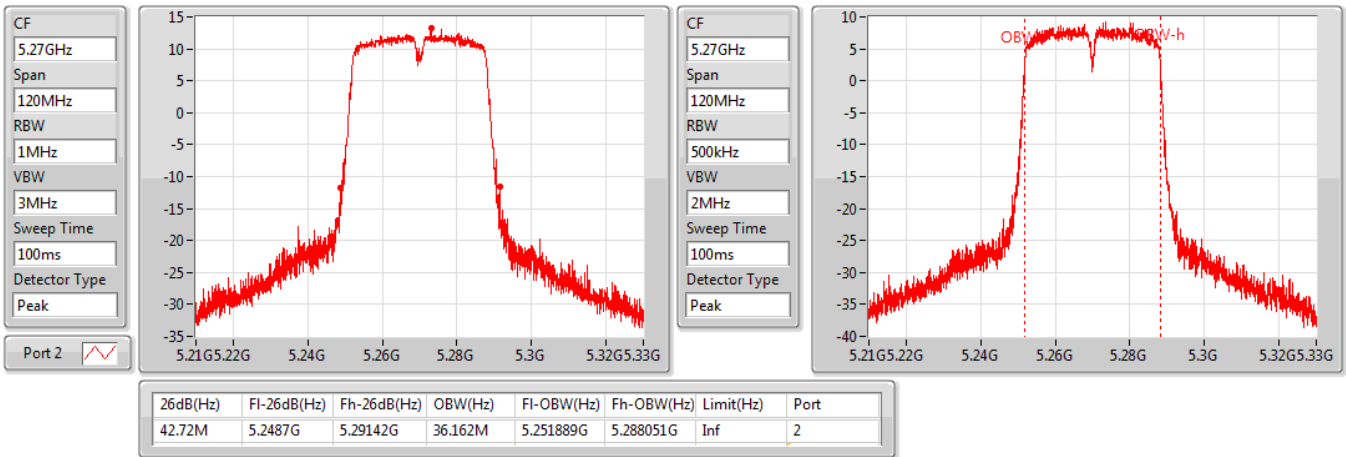

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

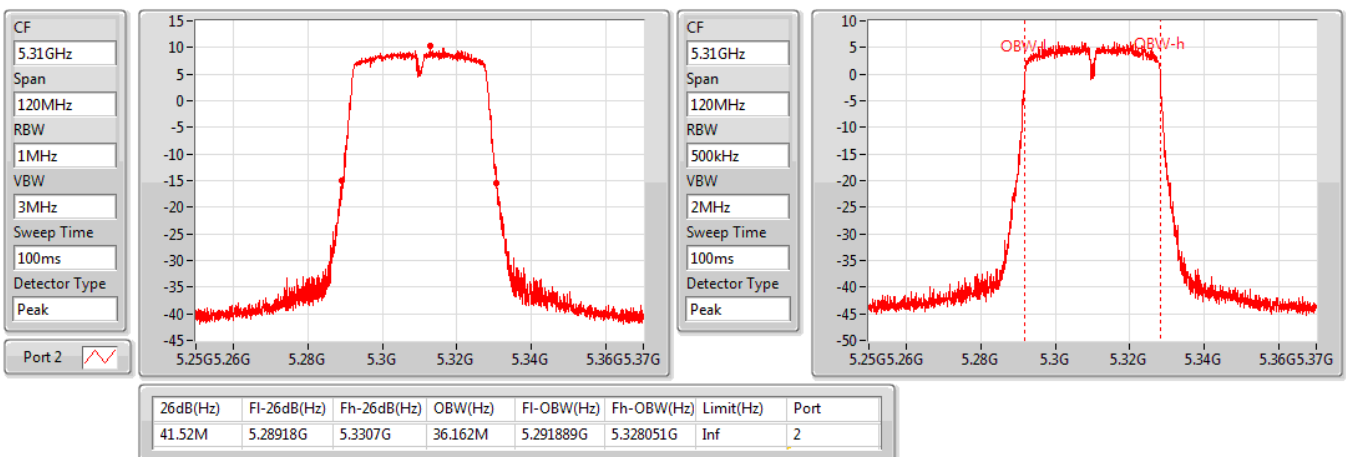


802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5270MHz

05/12/2019

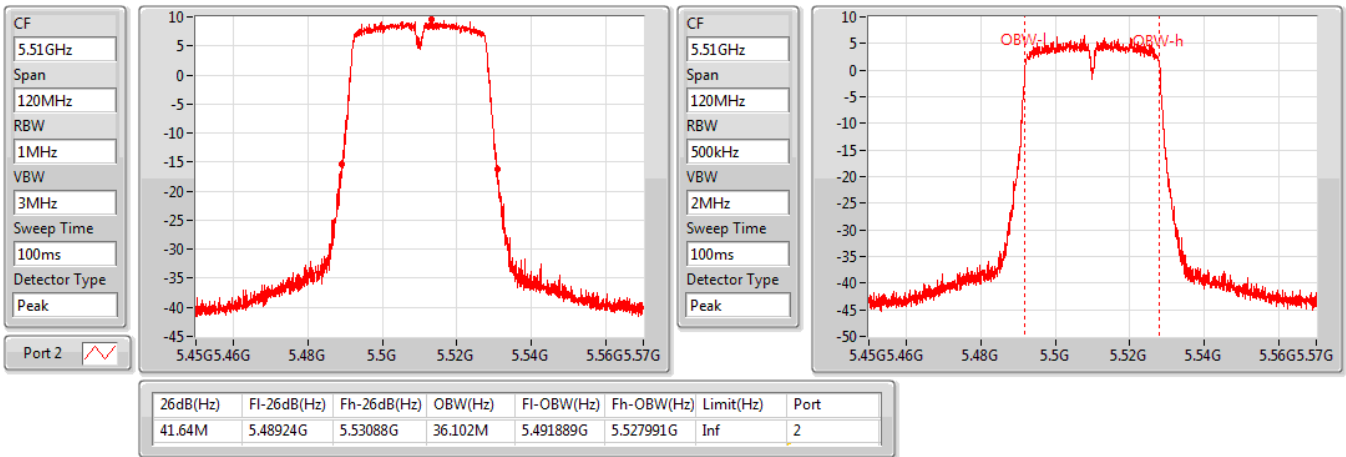

802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5310MHz

05/12/2019

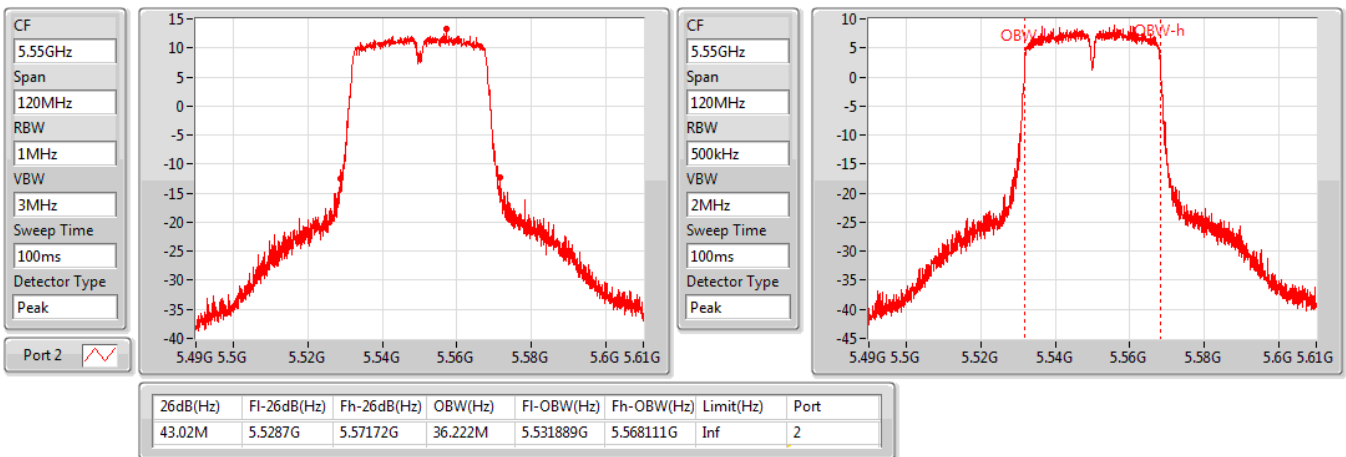


802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5510MHz

05/12/2019

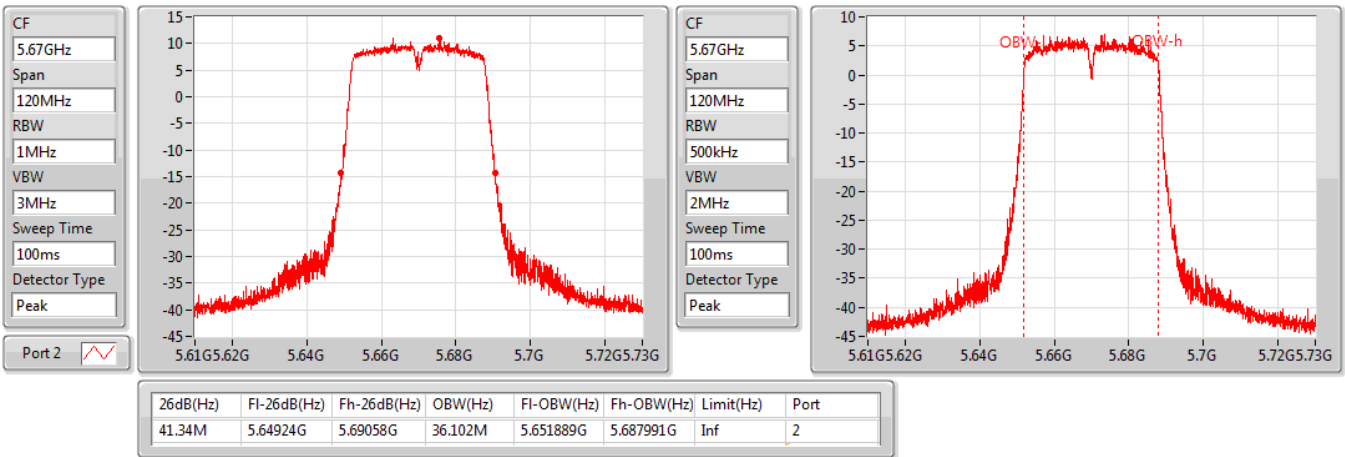

802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5550MHz

05/12/2019

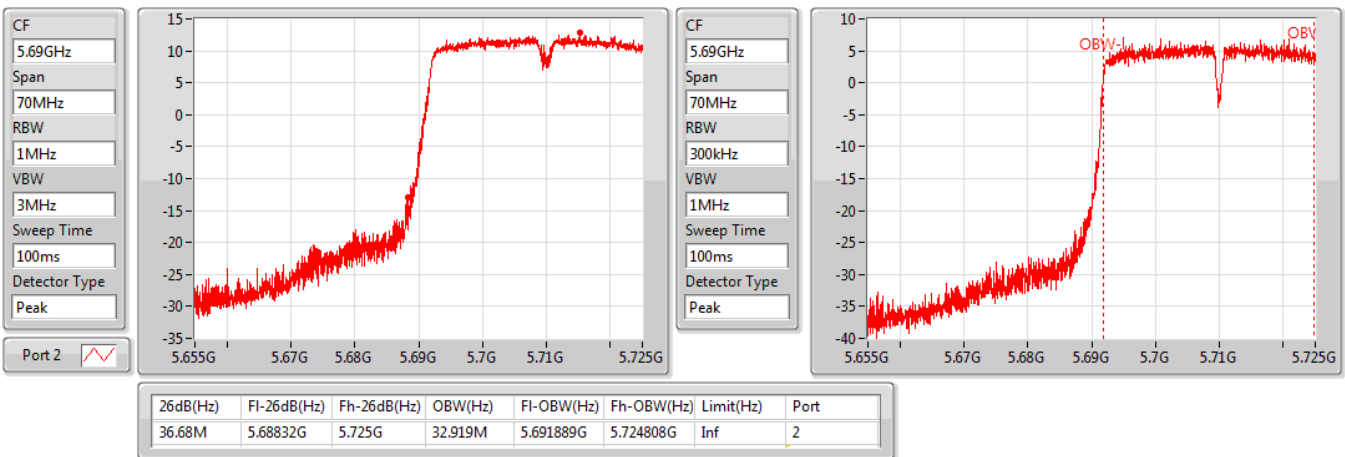


802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5670MHz

05/12/2019

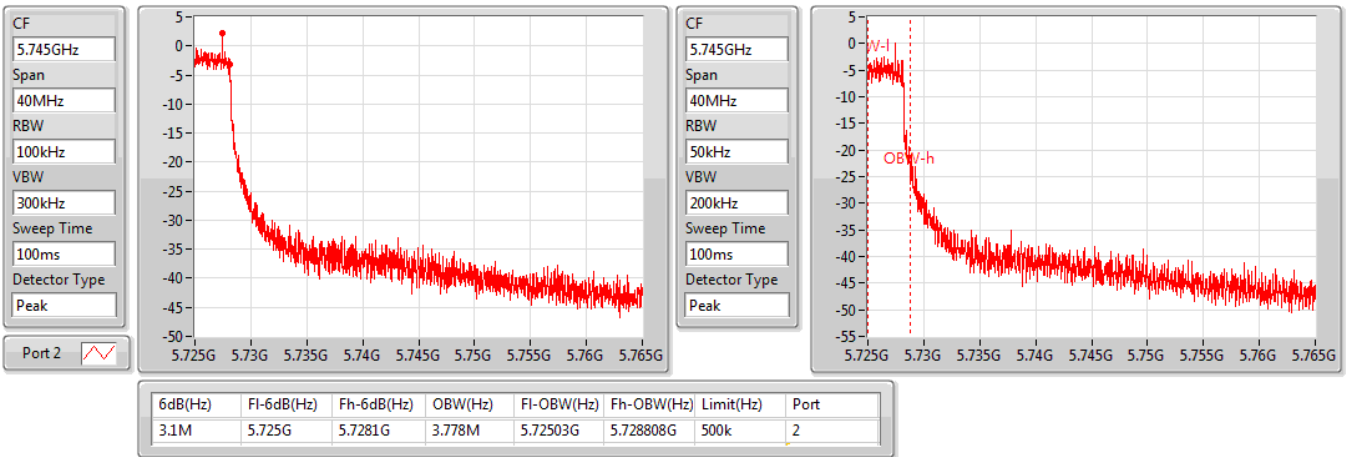

802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

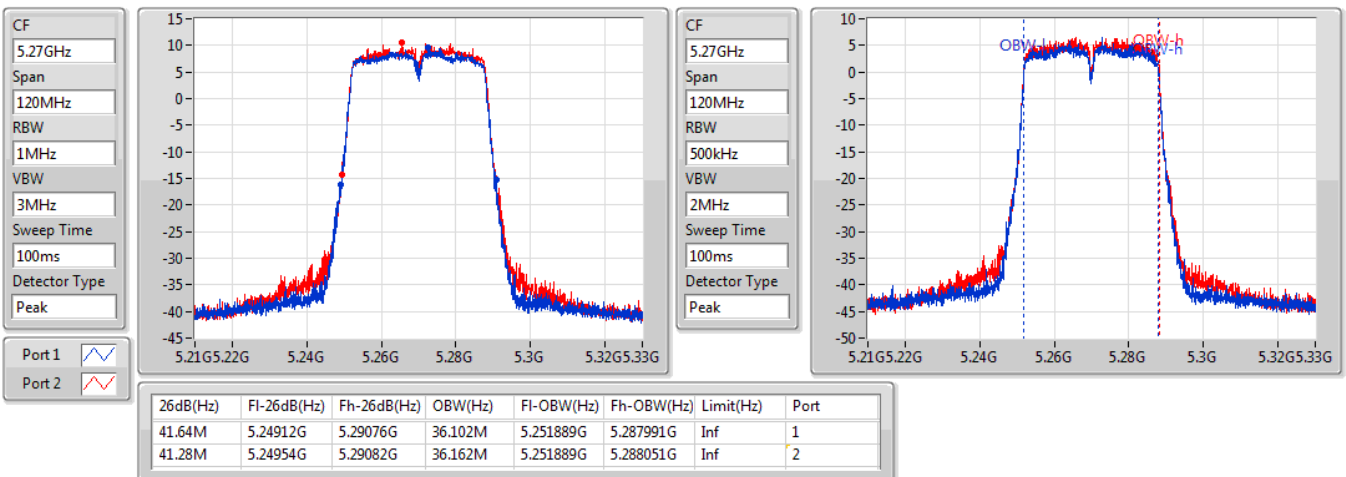


802.11ac VHT40_Nss1,(MCS0)_1TX(Port2)
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

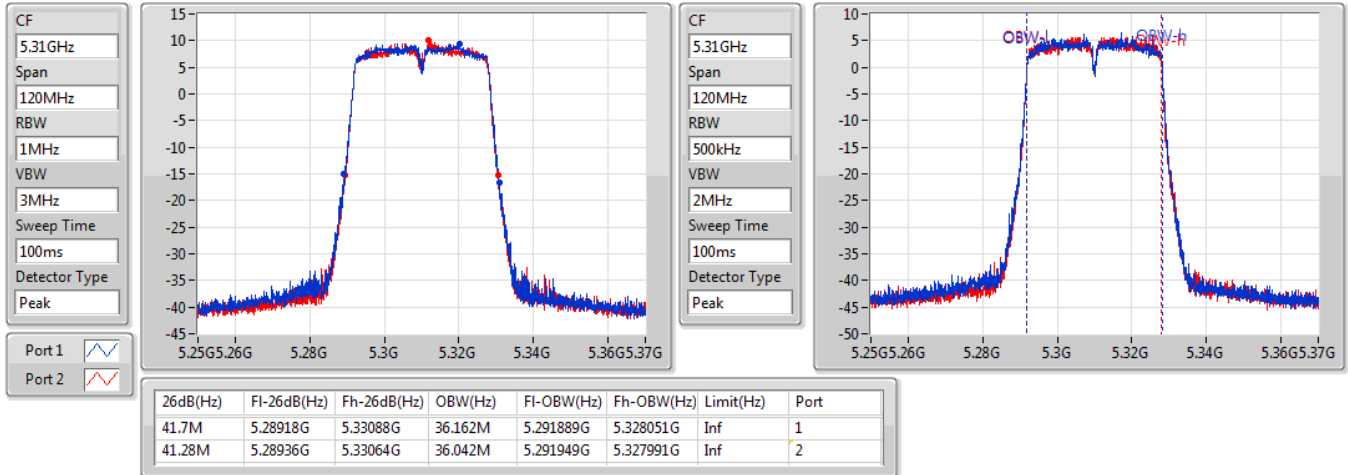

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

05/12/2019

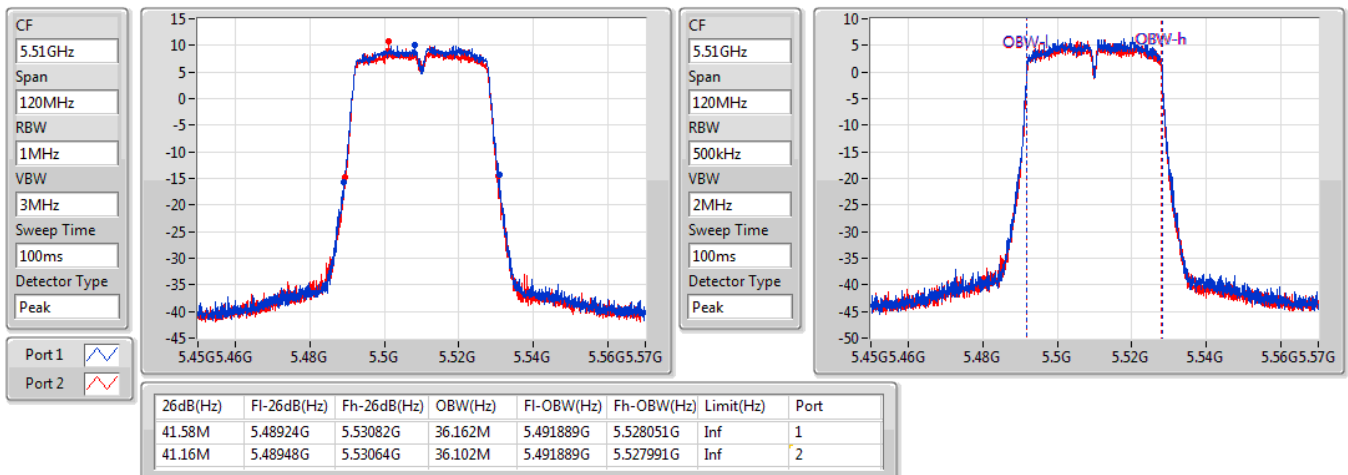


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

05/12/2019

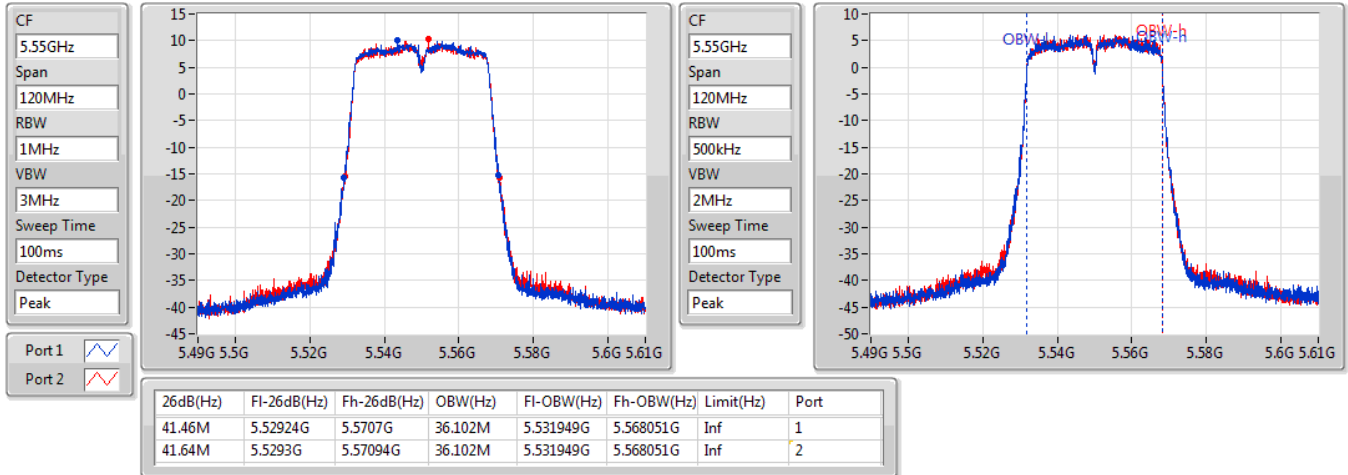

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

05/12/2019

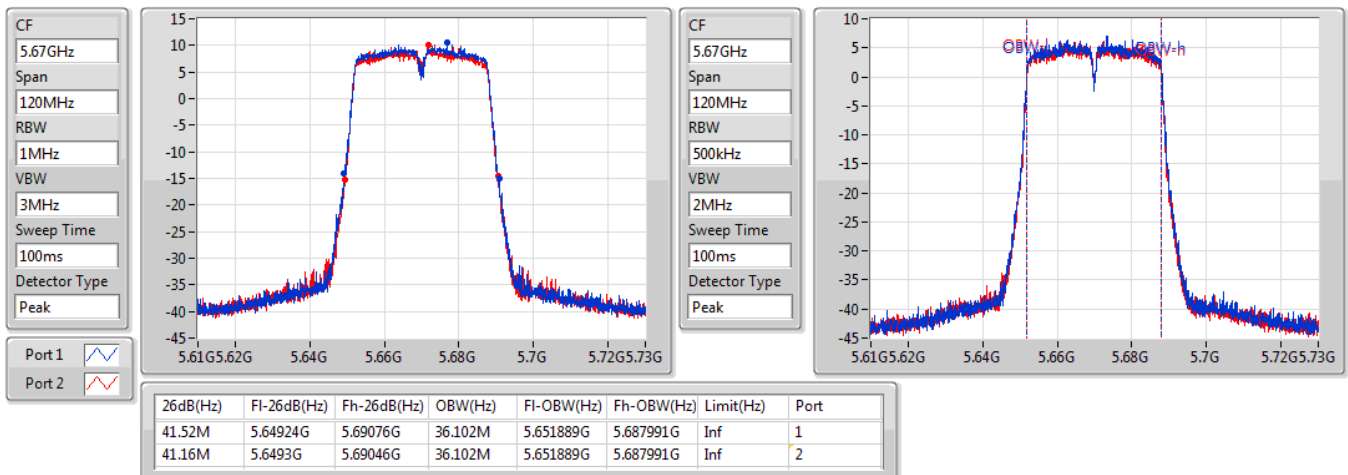


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

05/12/2019

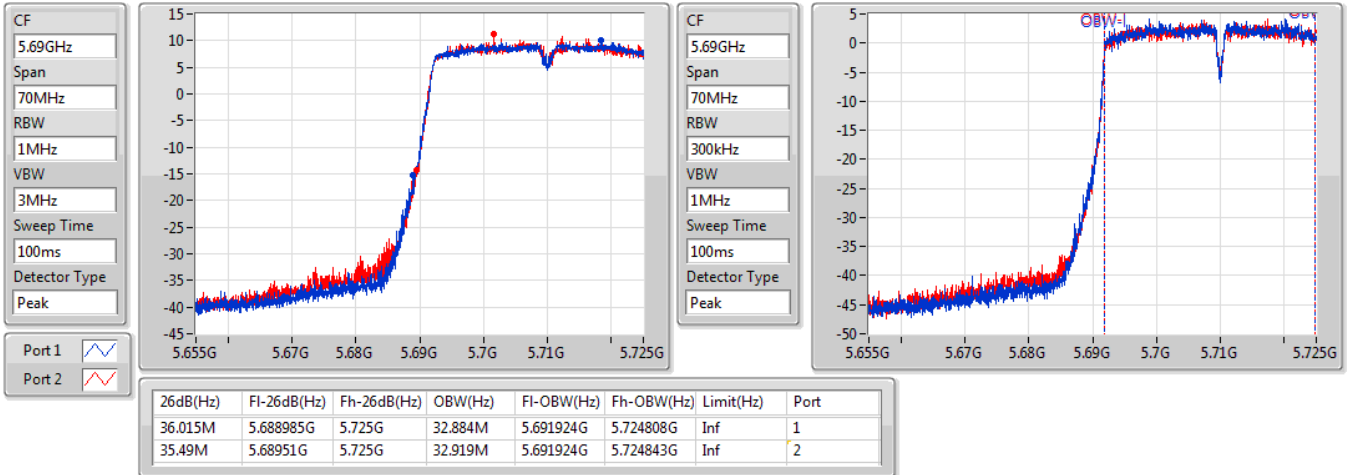

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

05/12/2019

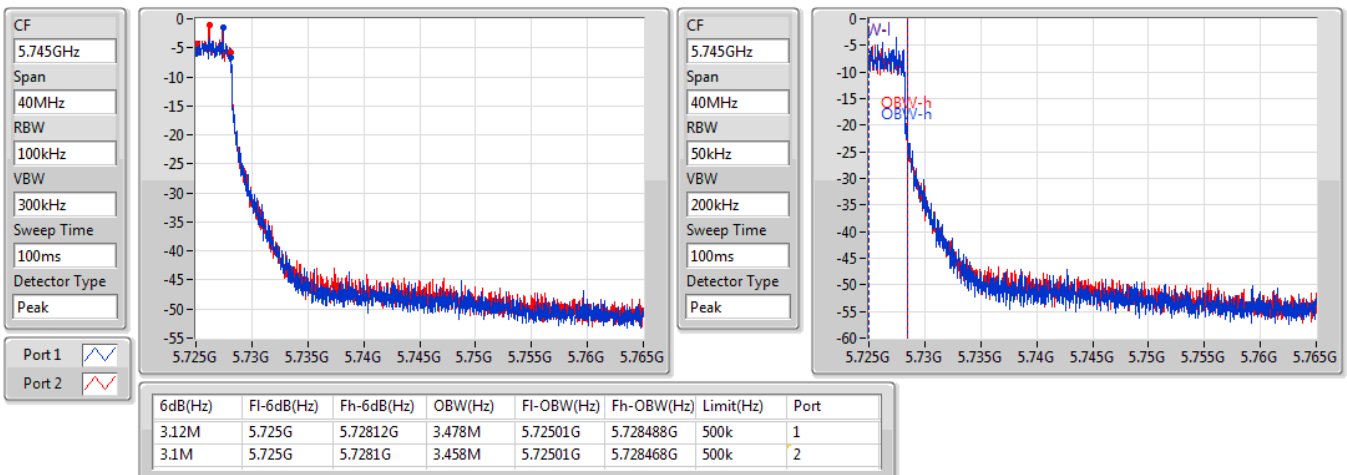


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

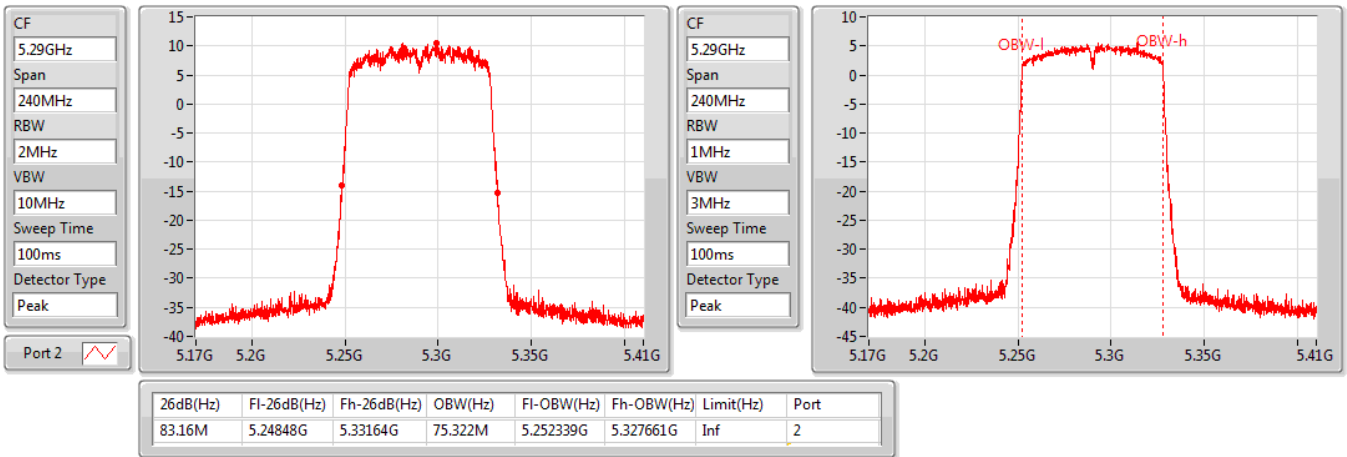

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

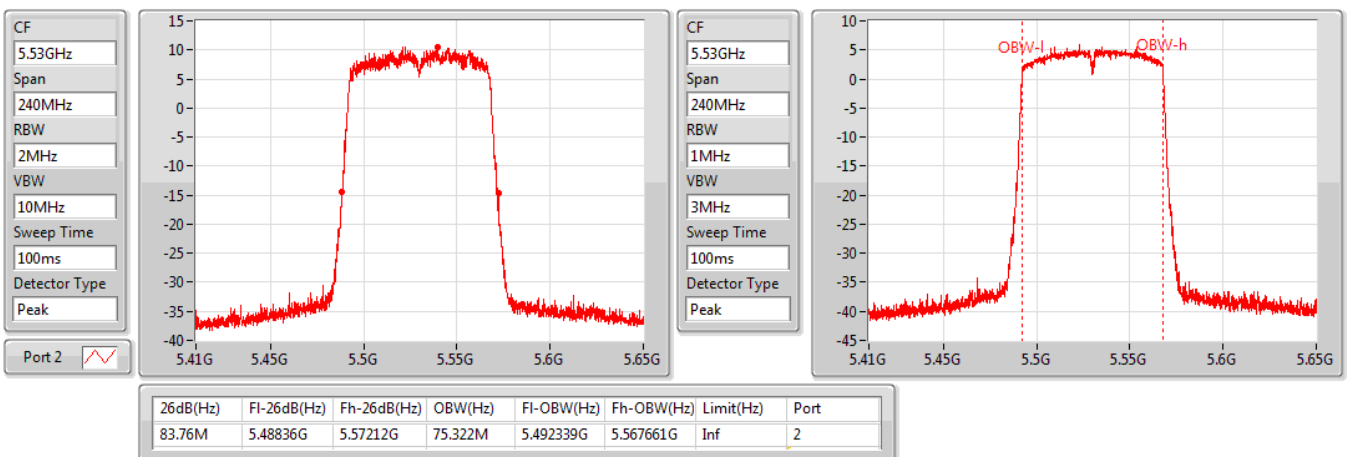


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5290MHz

05/12/2019

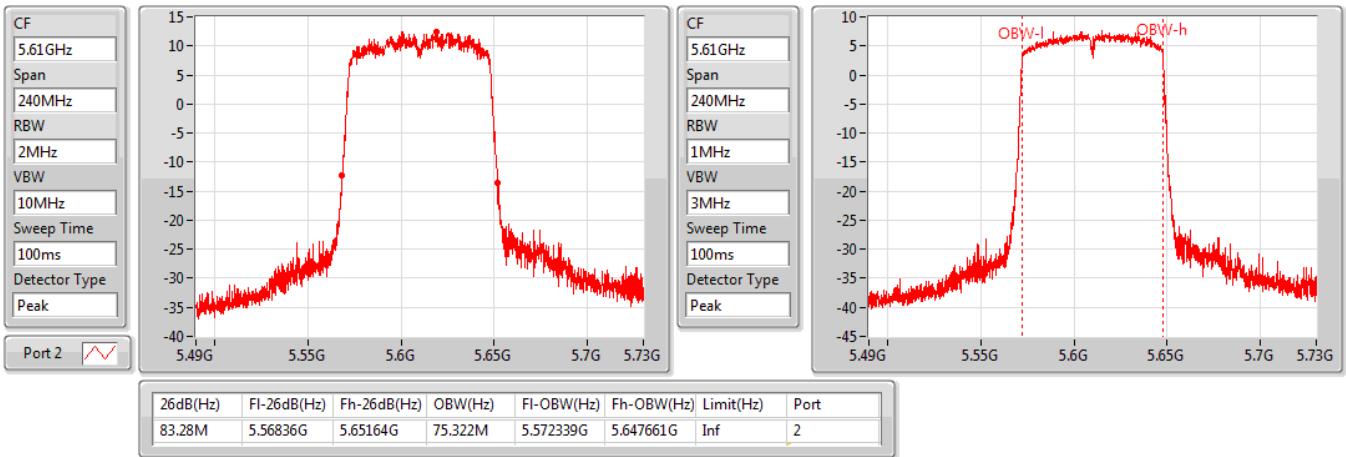

802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5530MHz

05/12/2019

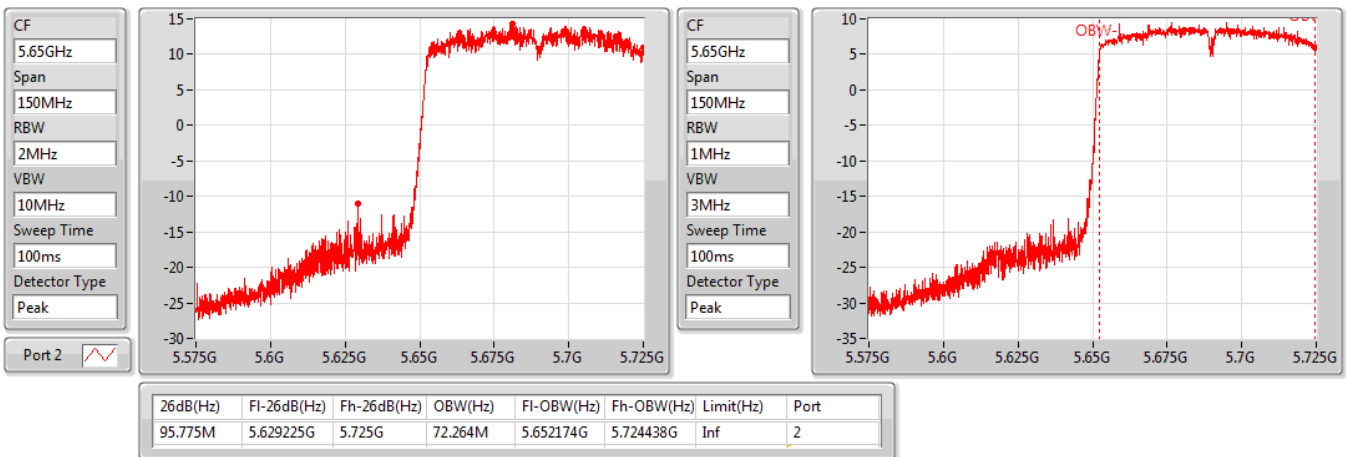


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5610MHz

05/12/2019

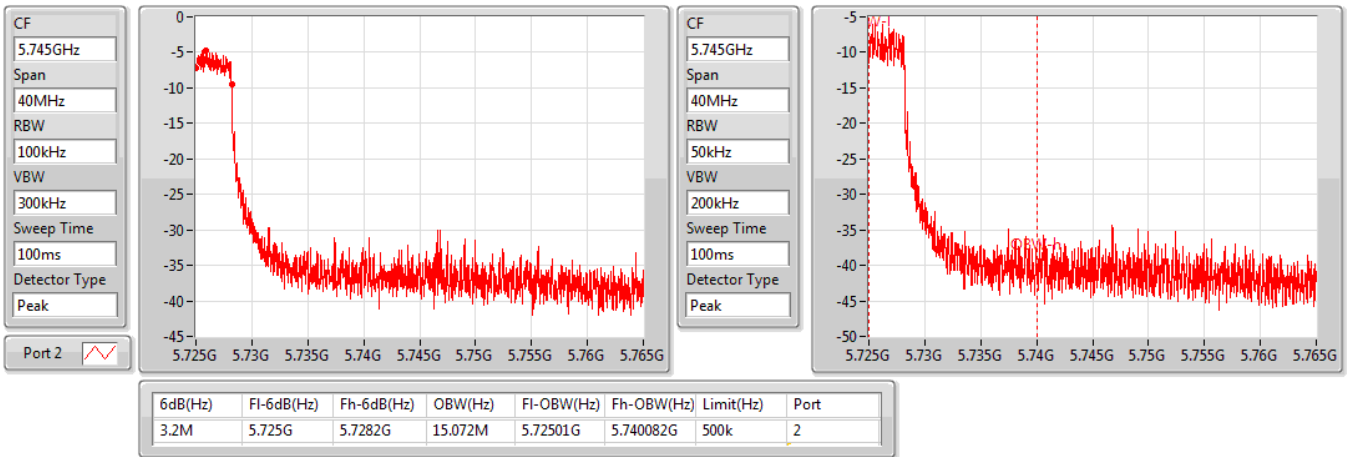

802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019

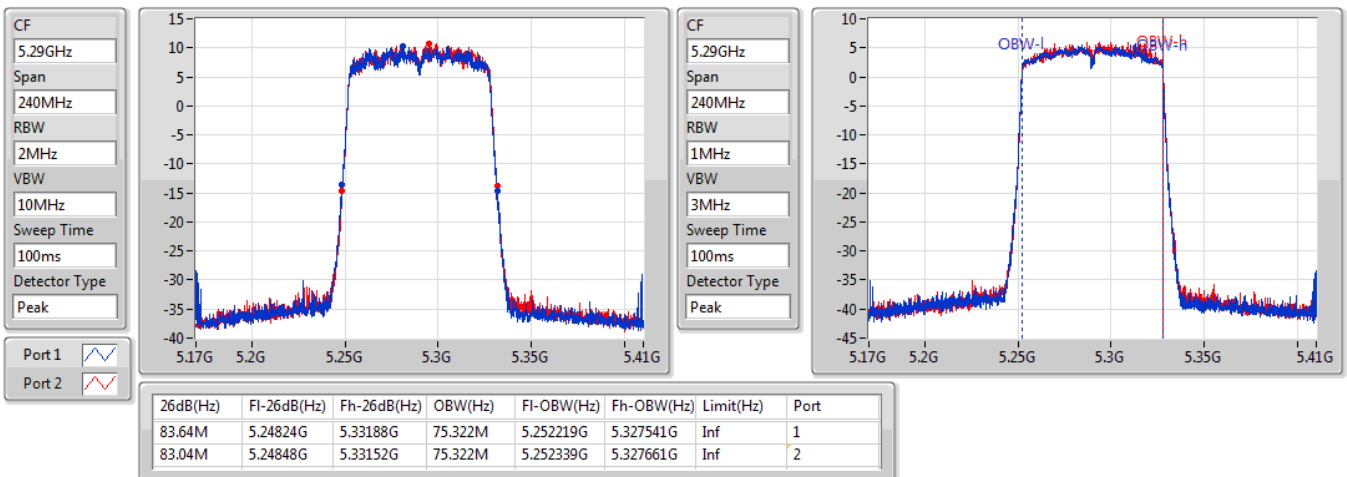


802.11ac VHT80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019

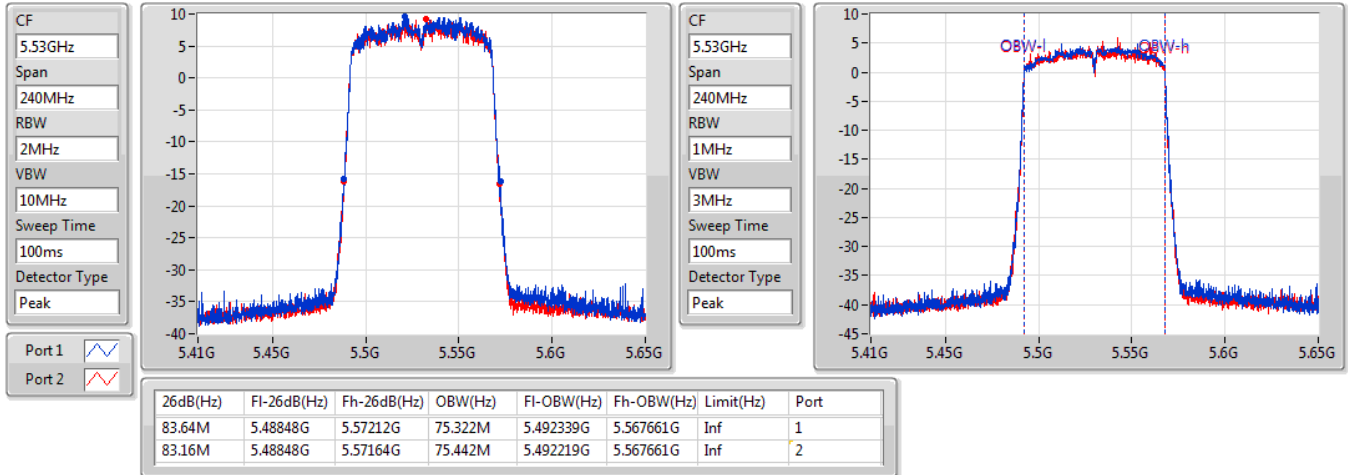

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

05/12/2019

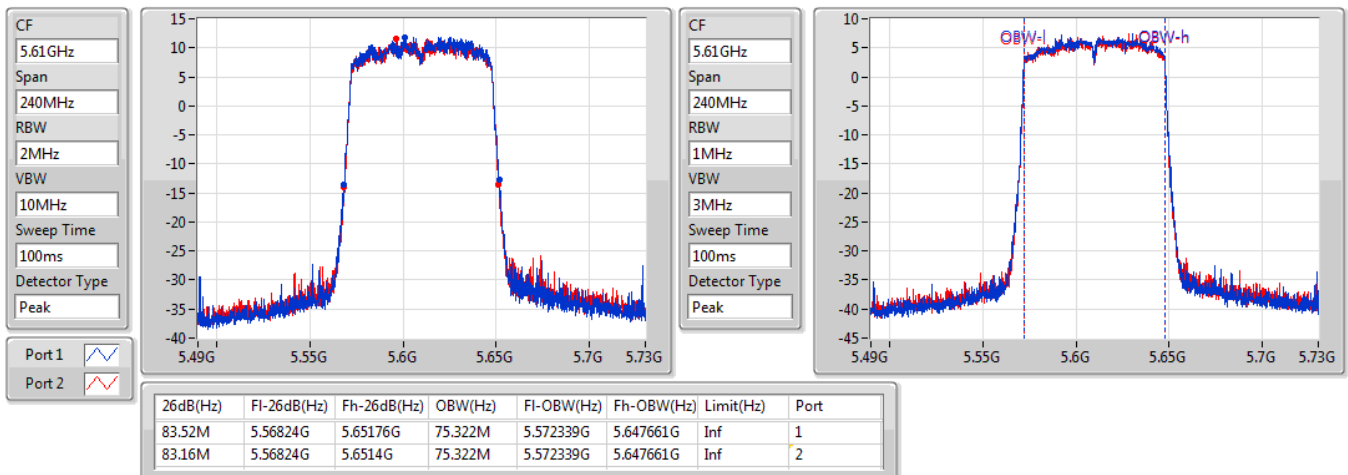


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

05/12/2019

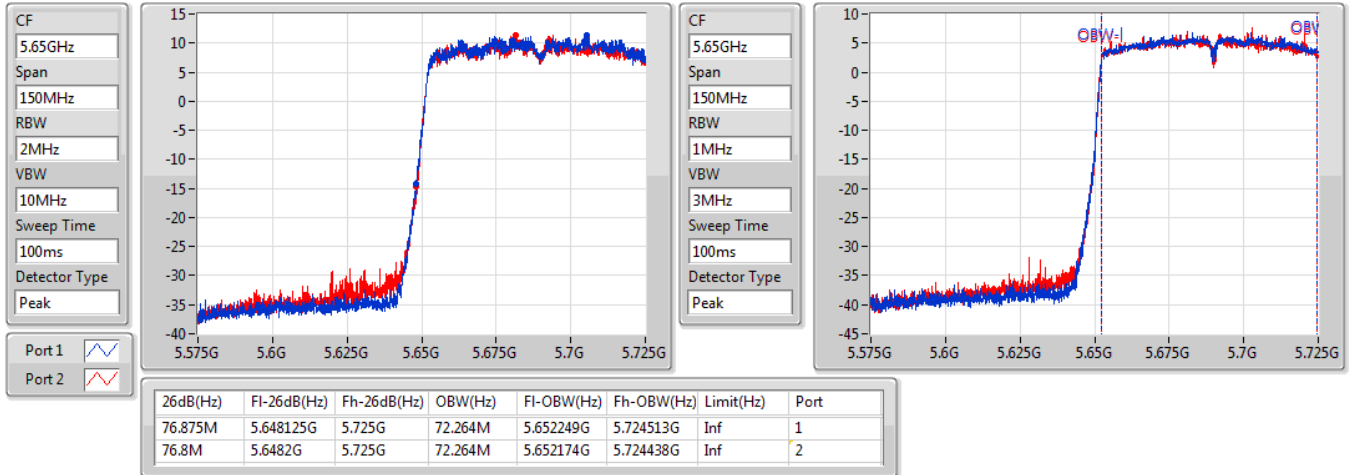

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

05/12/2019

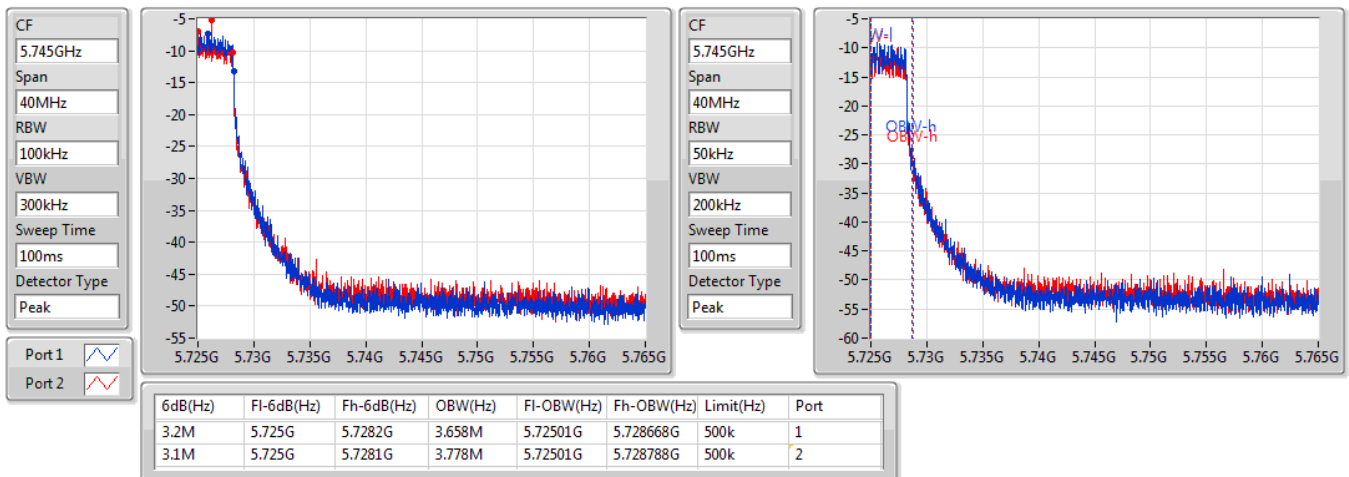


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019

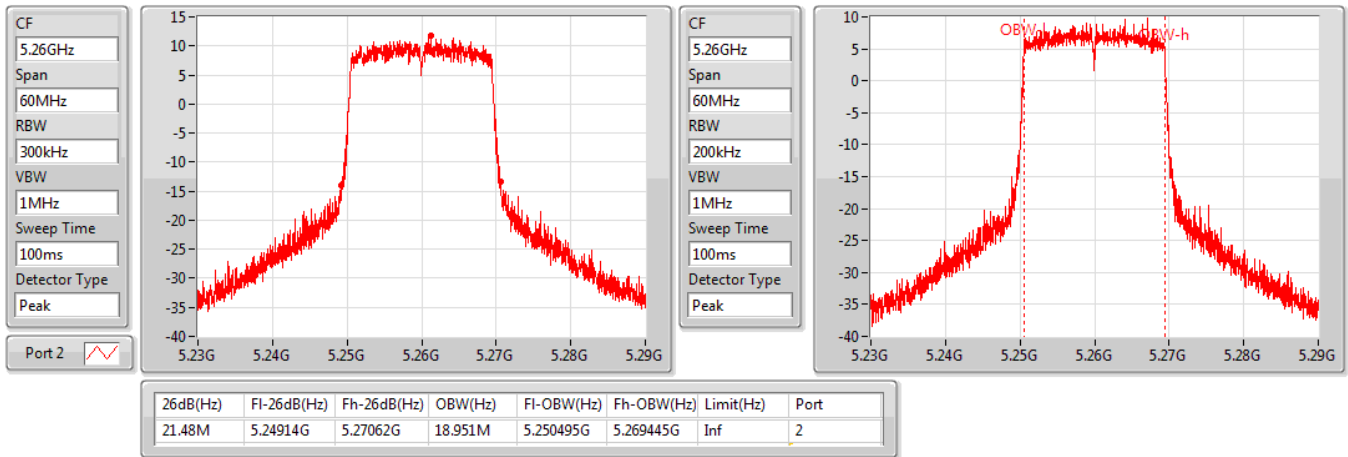

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019

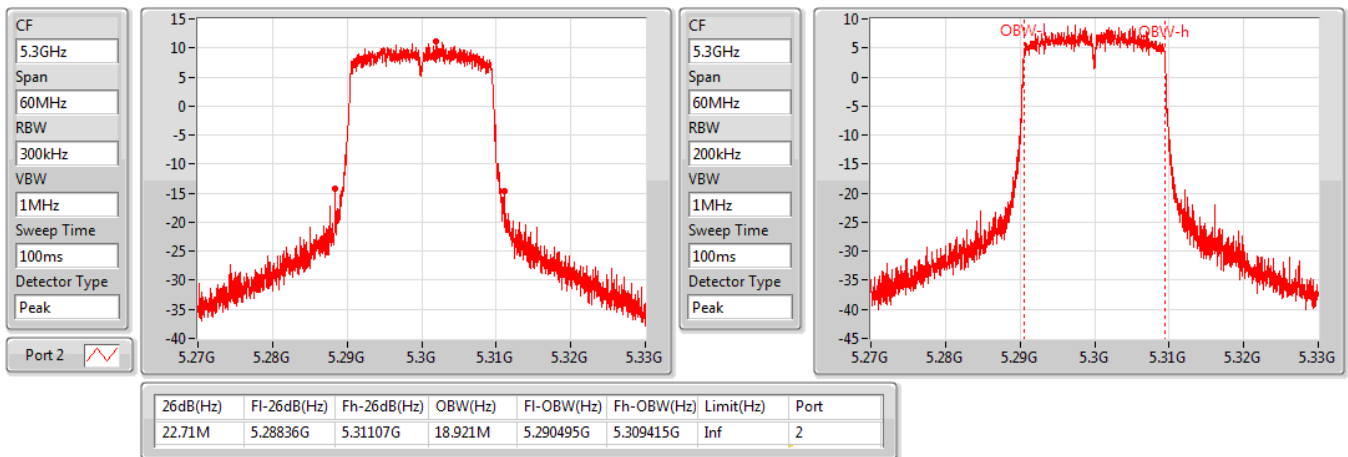


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5260MHz

05/12/2019

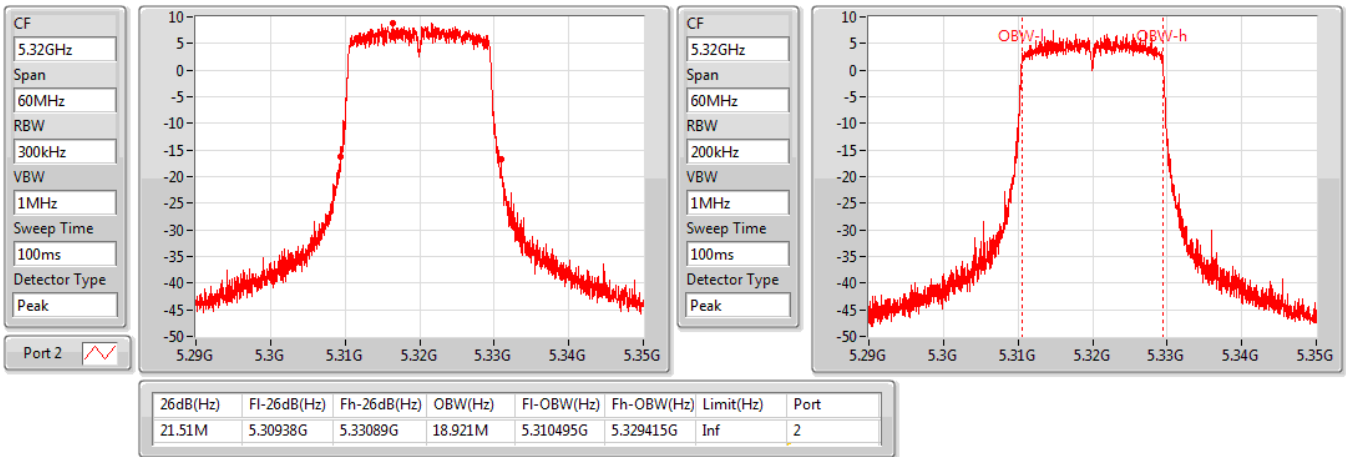

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5300MHz

05/12/2019

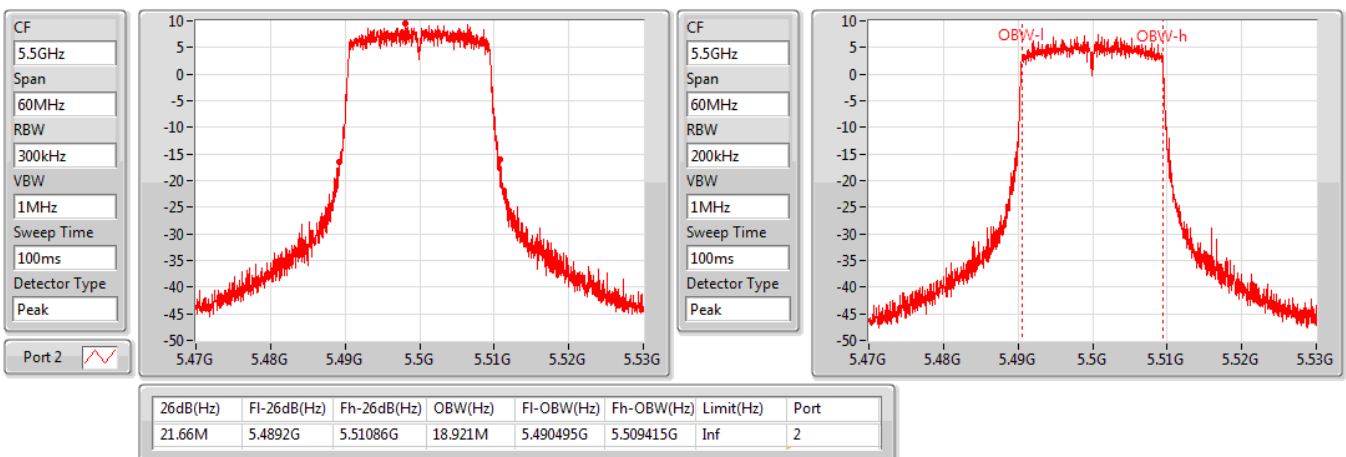


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5320MHz

05/12/2019

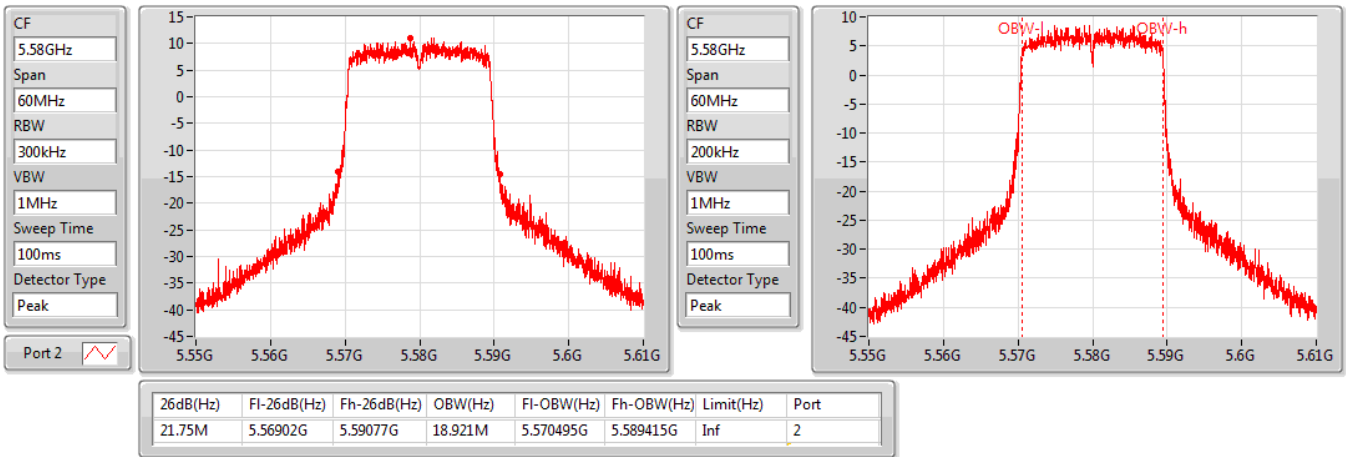

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5500MHz

05/12/2019

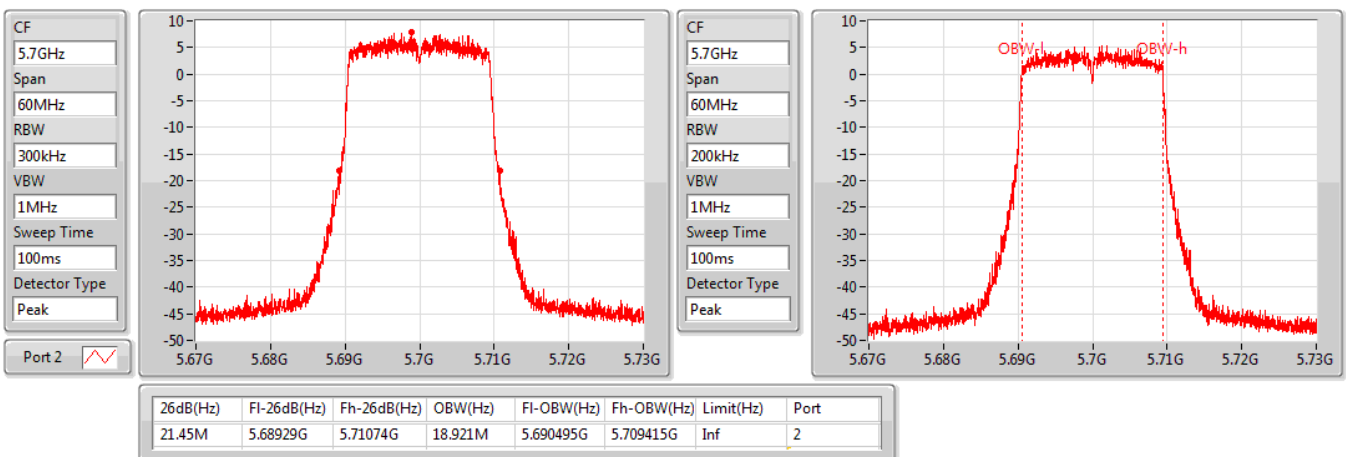


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5580MHz

05/12/2019

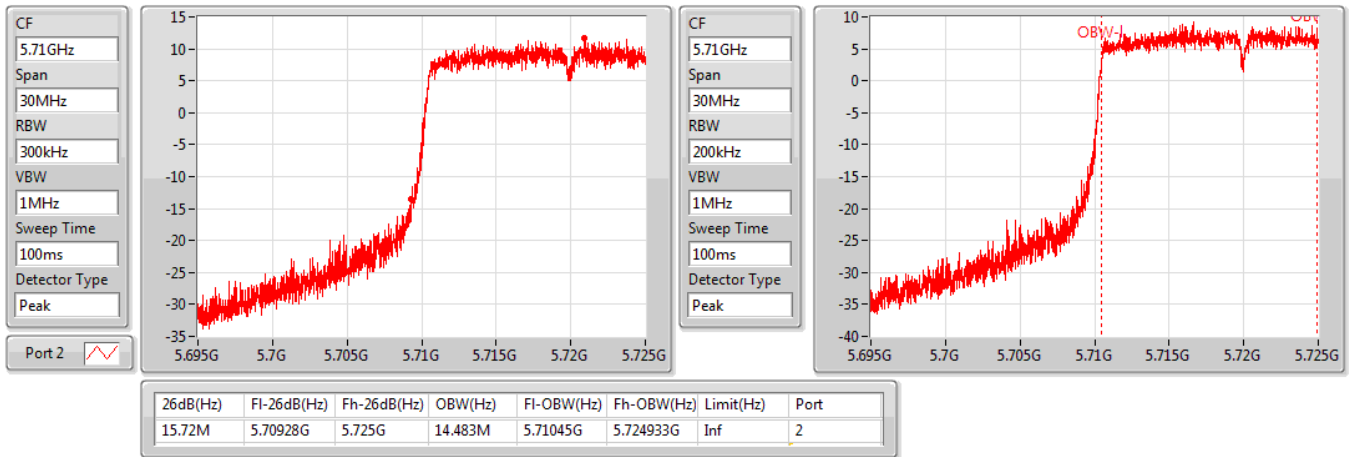

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5700MHz

05/12/2019

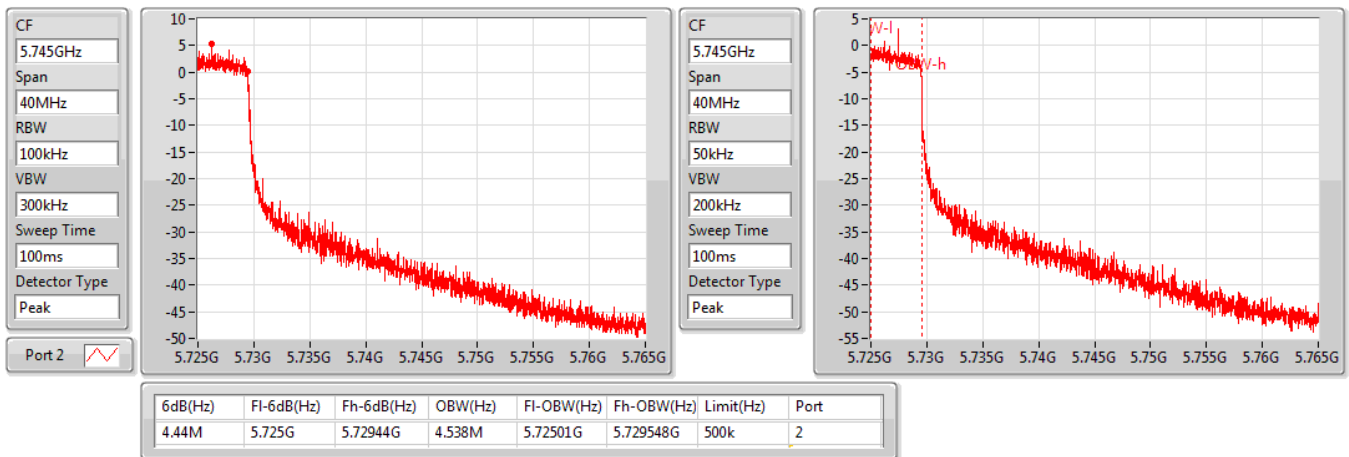


802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

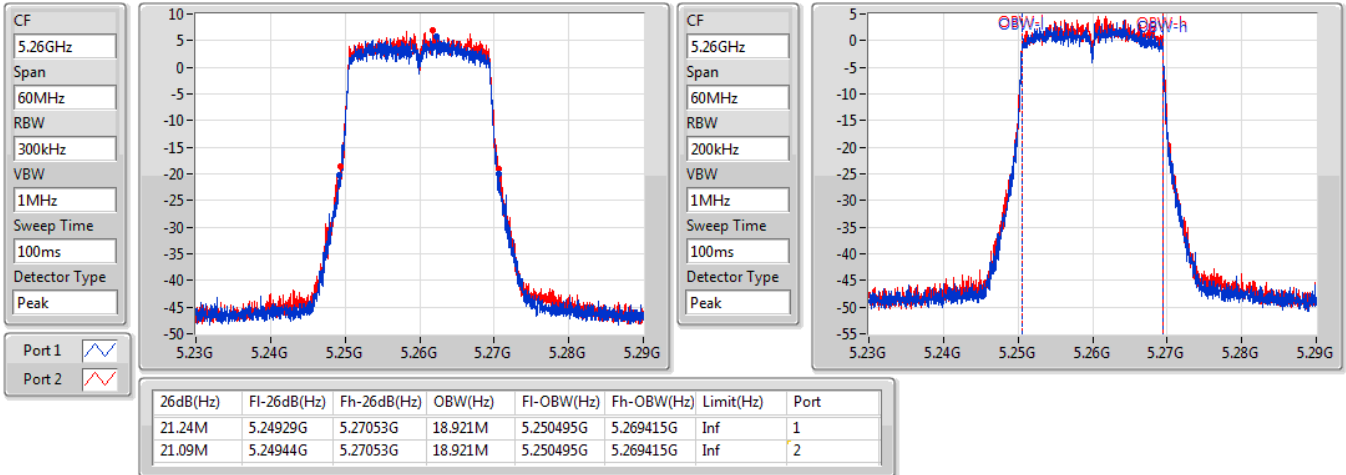

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

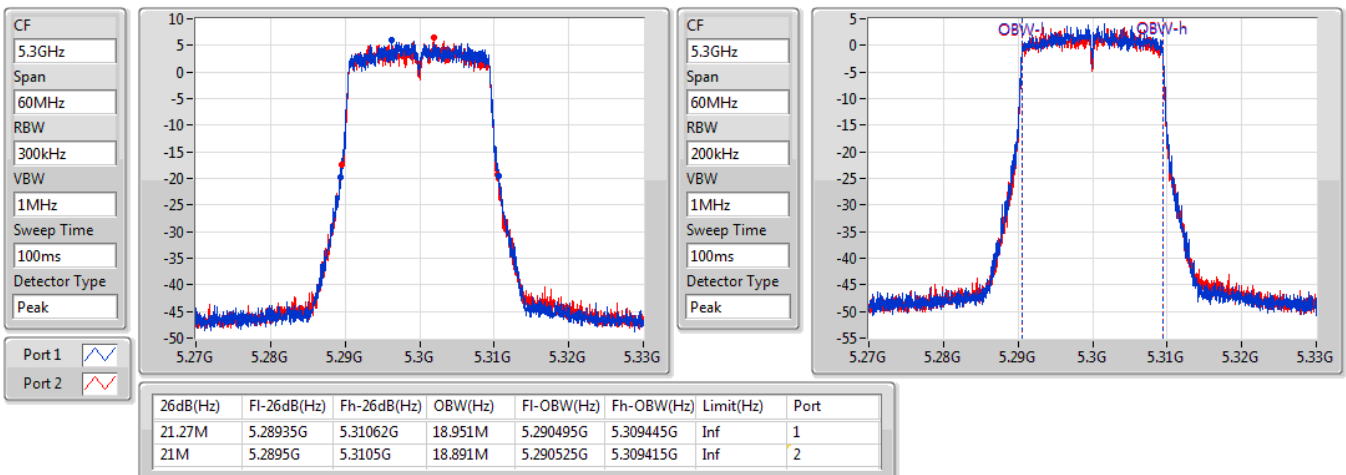


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

05/12/2019

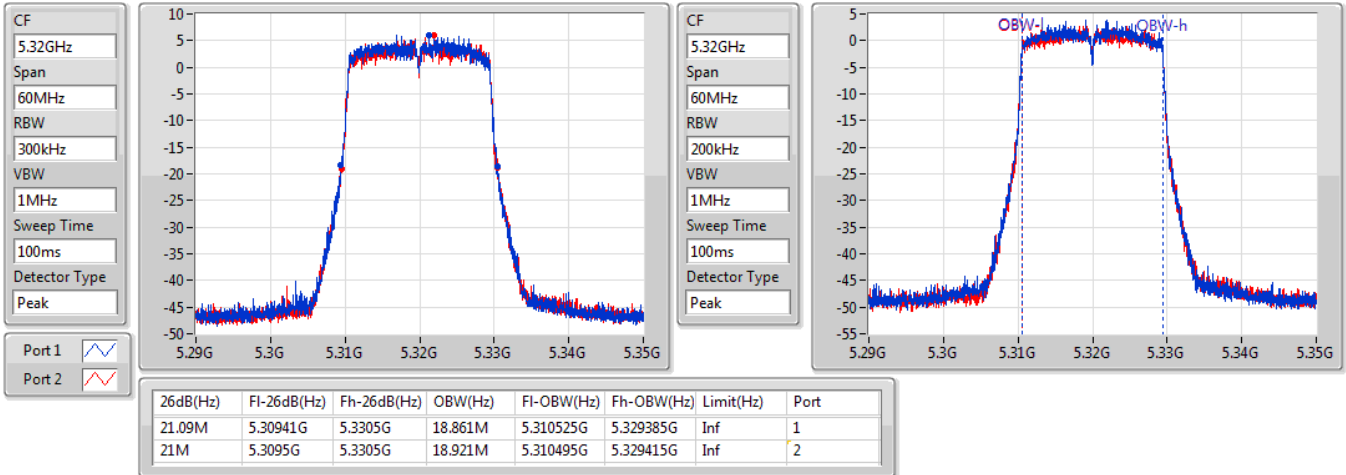

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5300MHz

05/12/2019

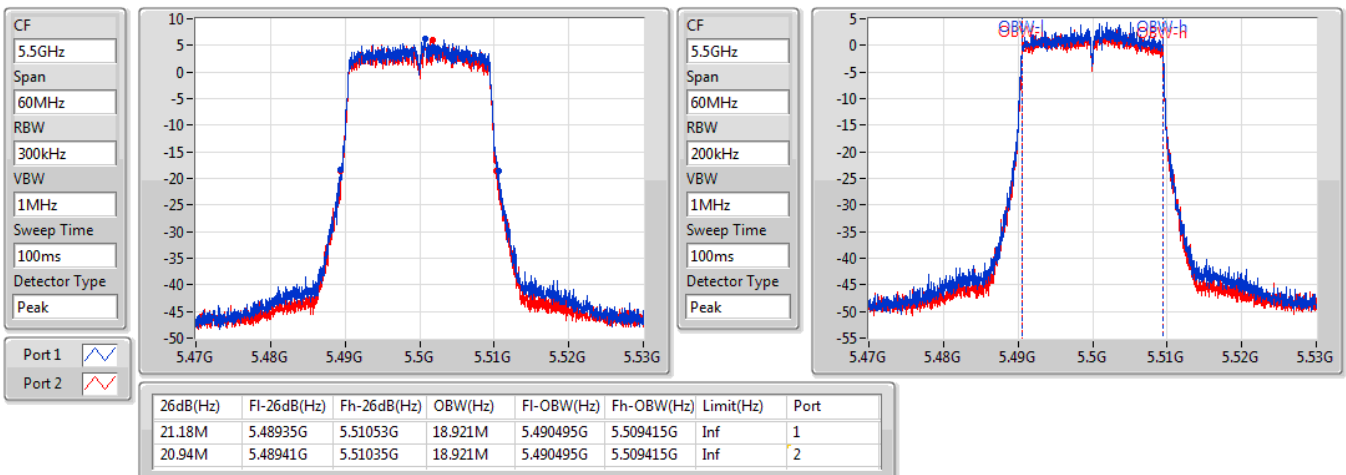


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5320MHz

05/12/2019

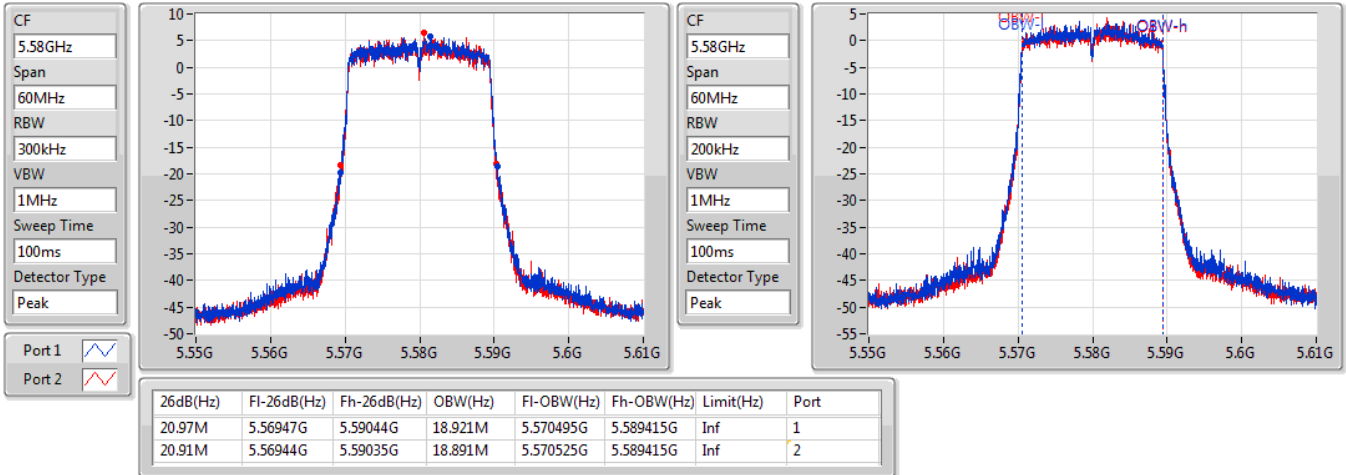

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5500MHz

05/12/2019

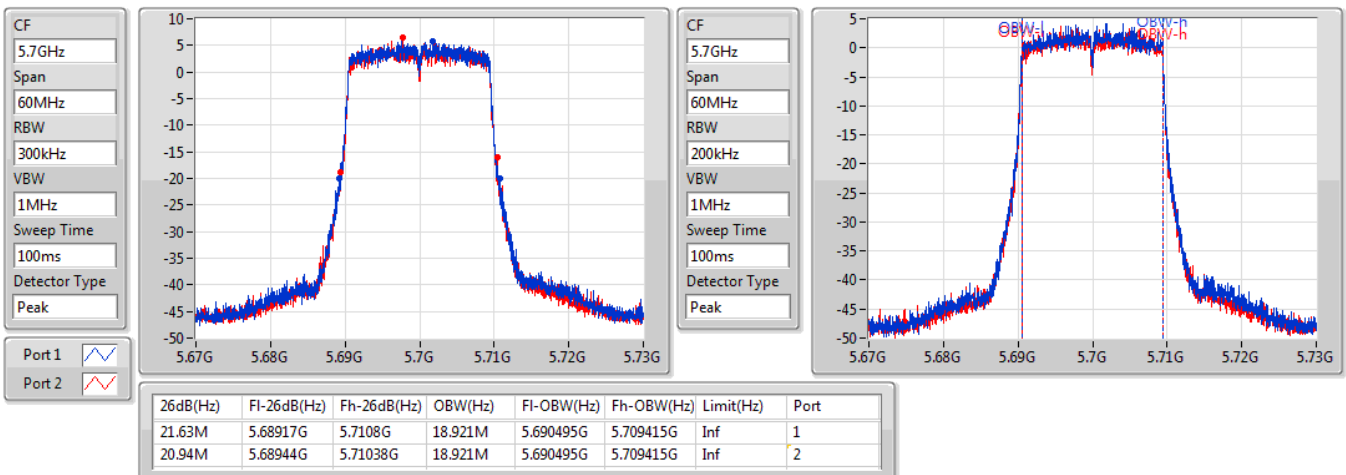


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

05/12/2019

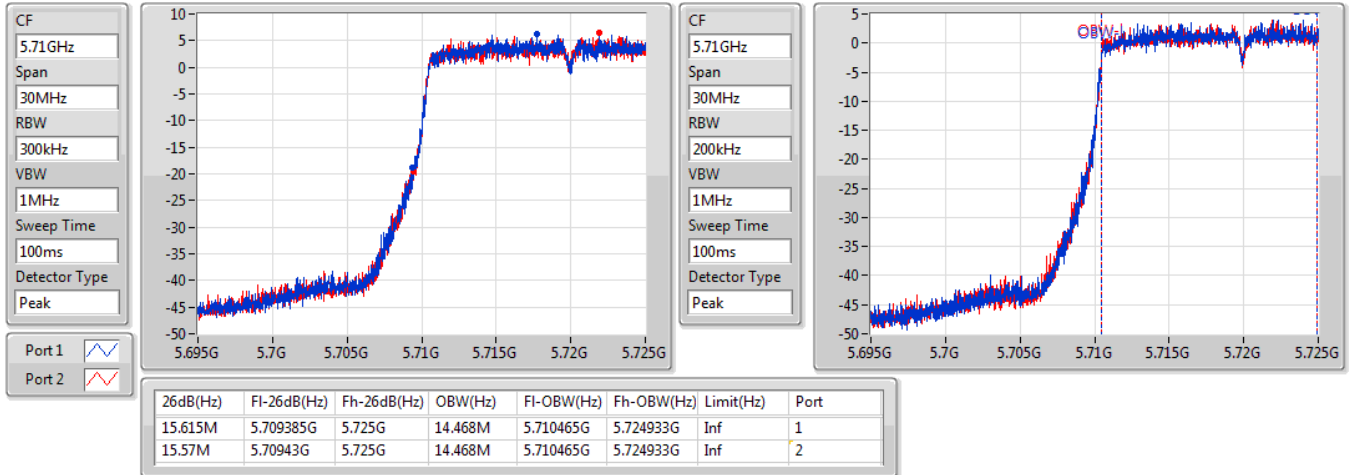

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

05/12/2019

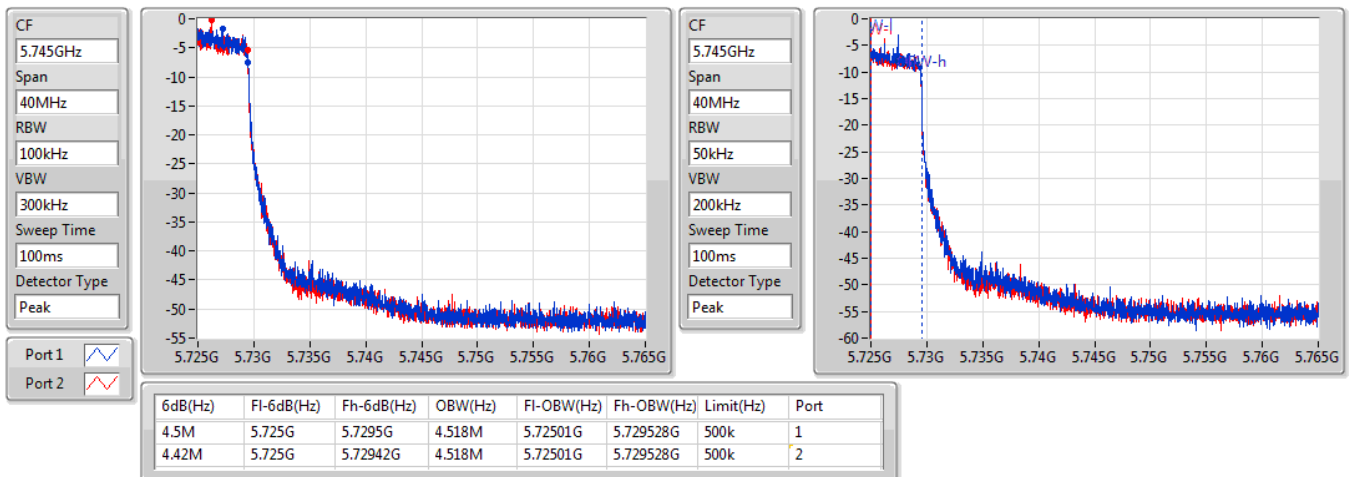


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

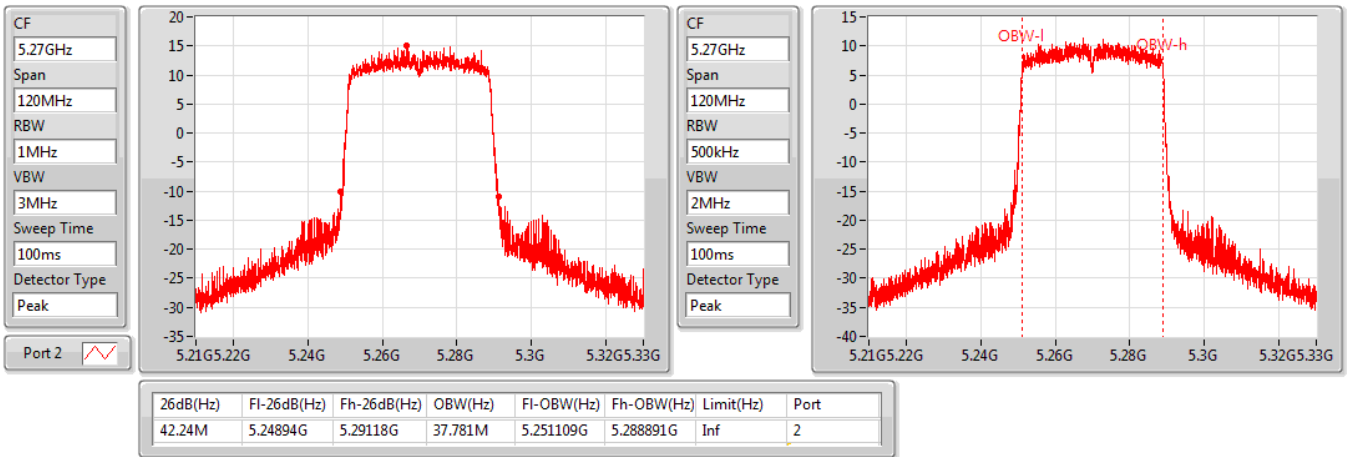

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

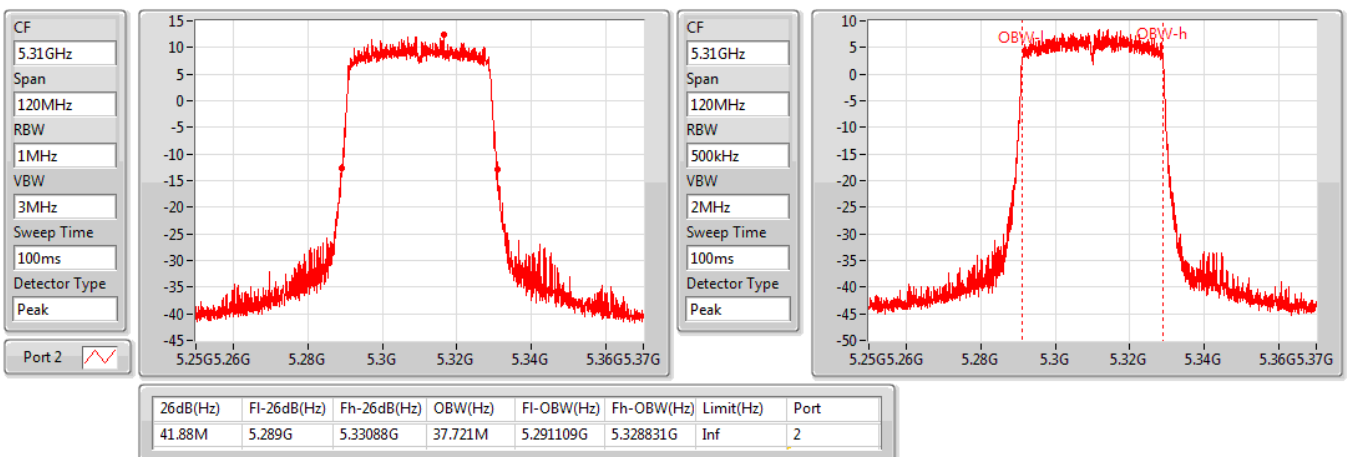


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5270MHz

05/12/2019

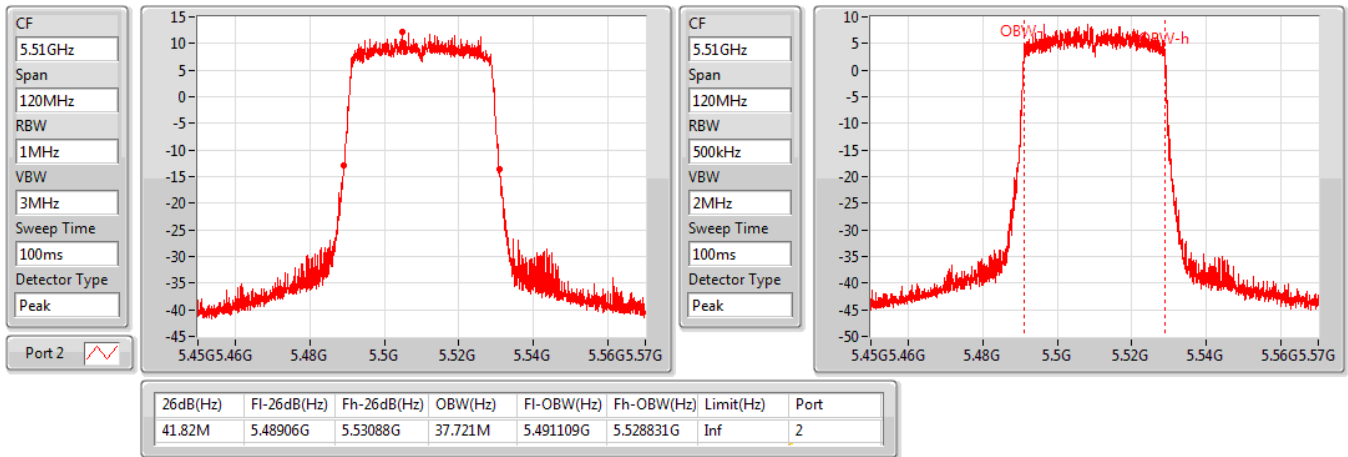

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5310MHz

05/12/2019

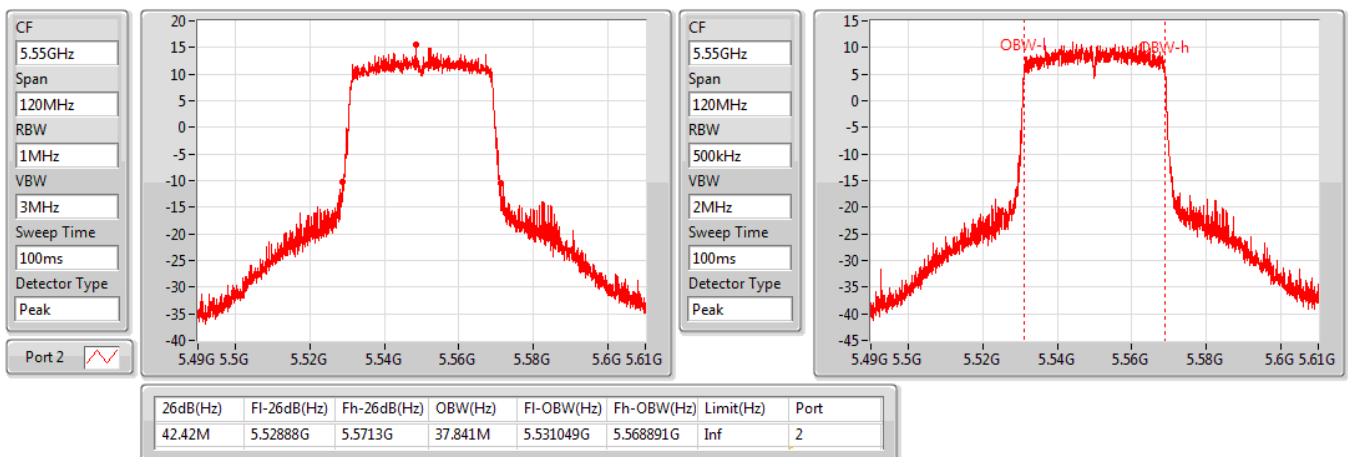


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5510MHz

05/12/2019

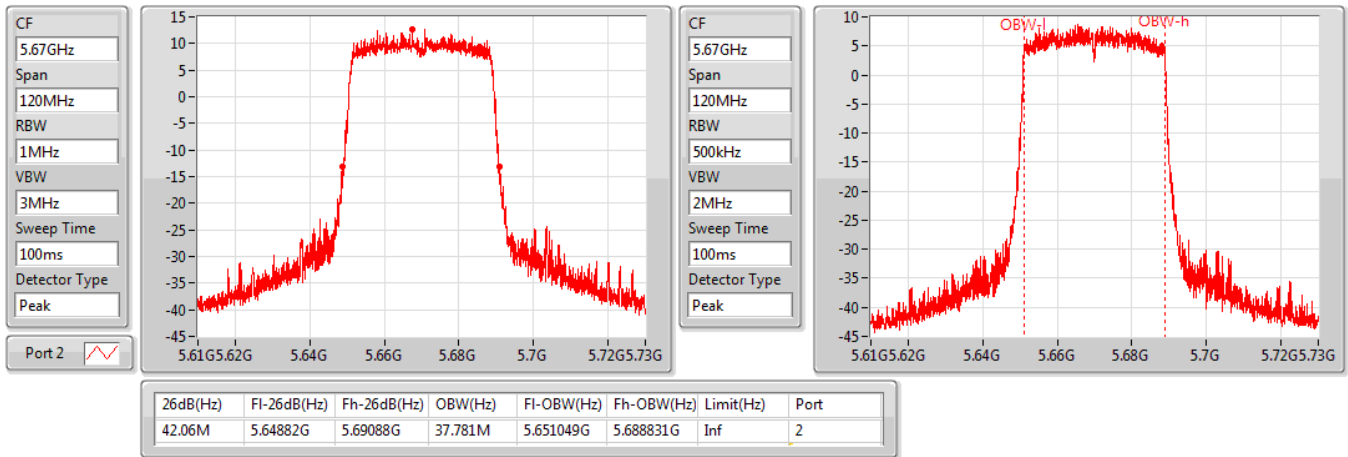

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5550MHz

05/12/2019

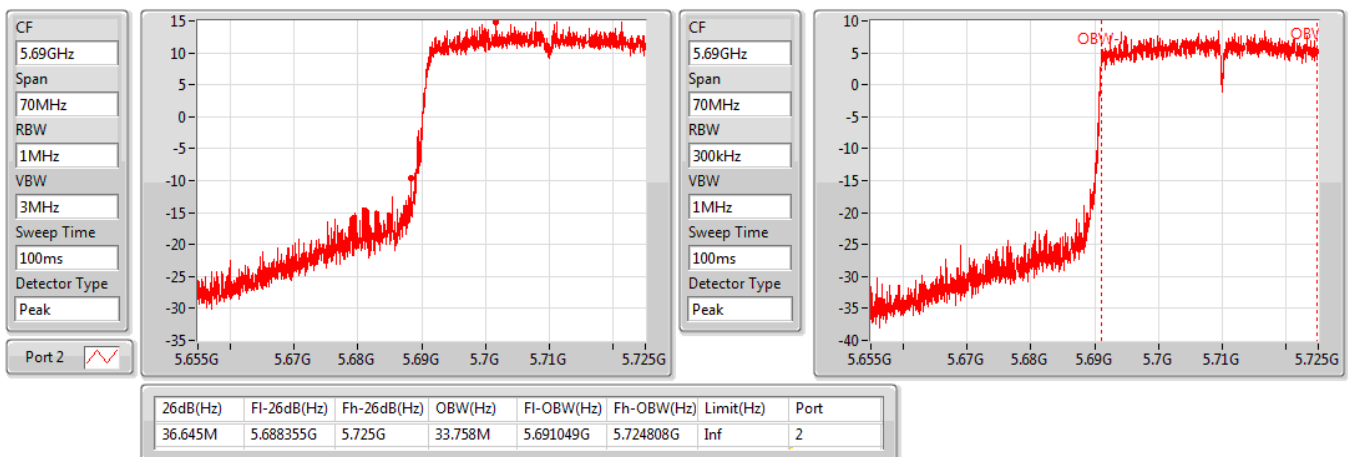


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5670MHz

05/12/2019

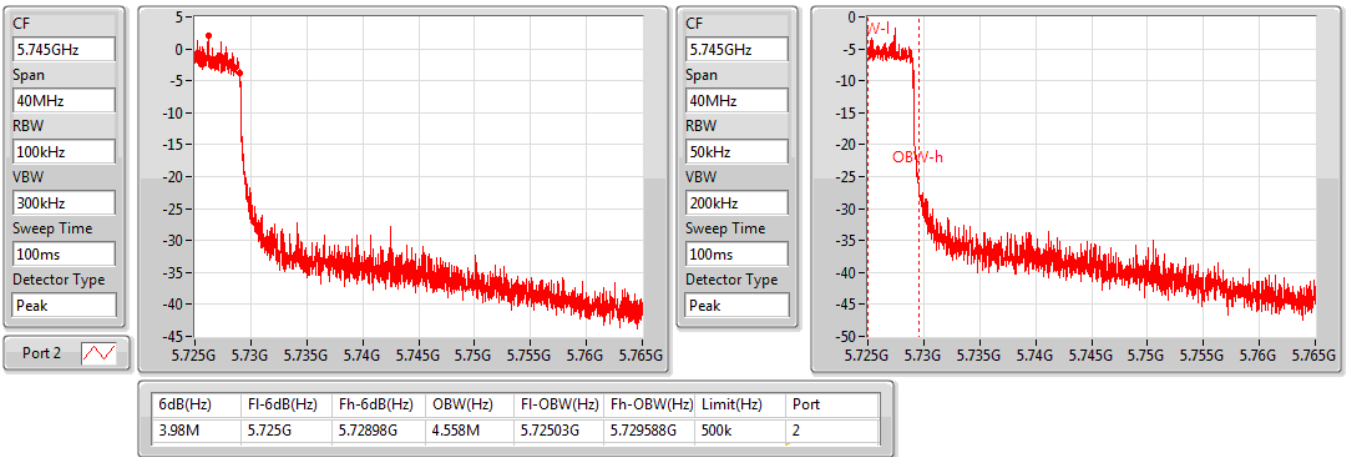

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

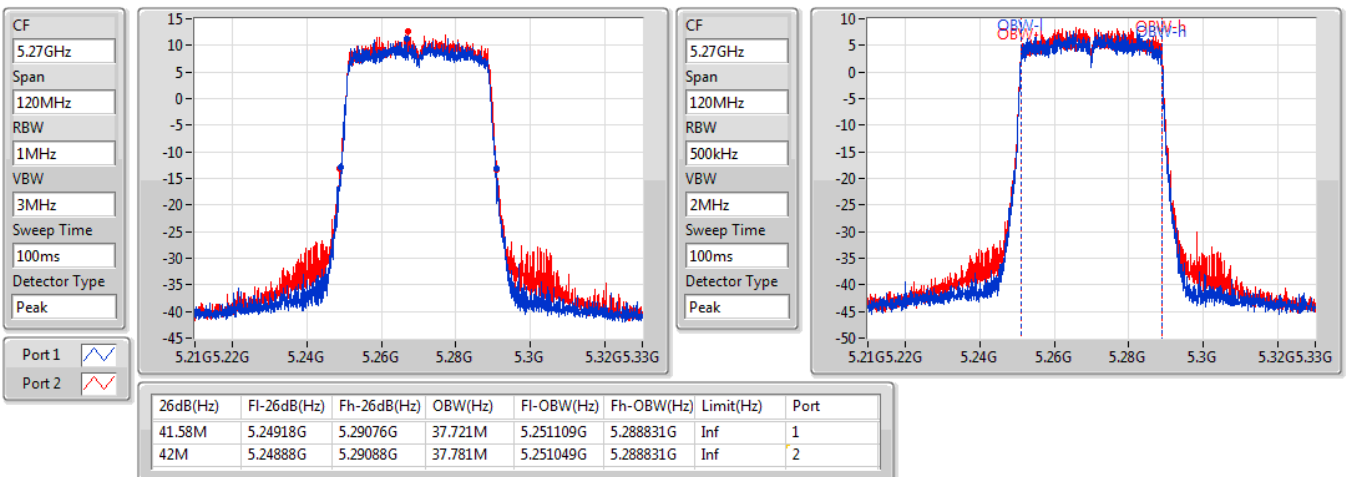


802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

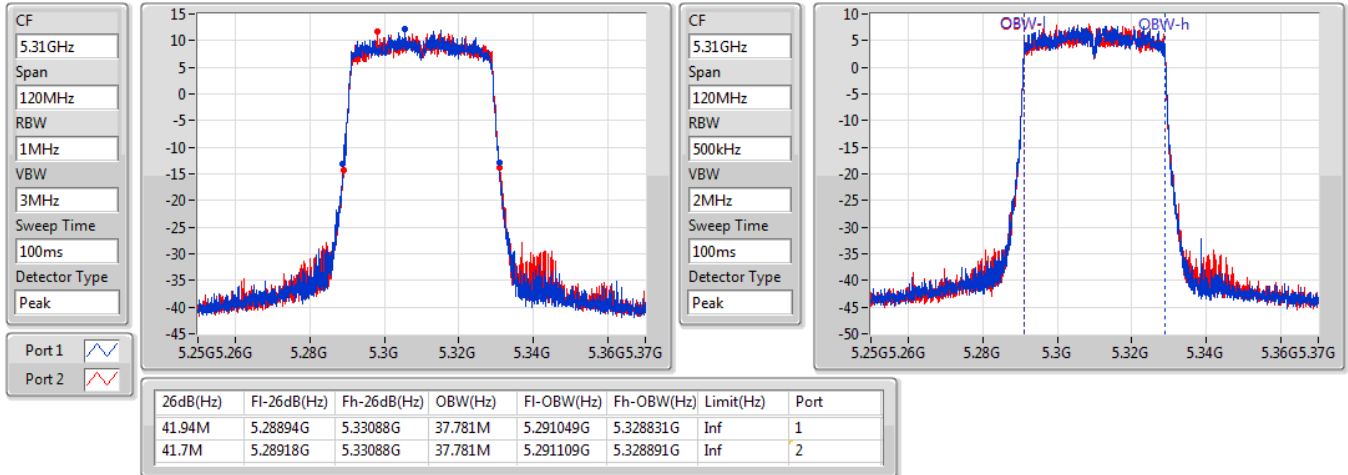

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5270MHz

05/12/2019

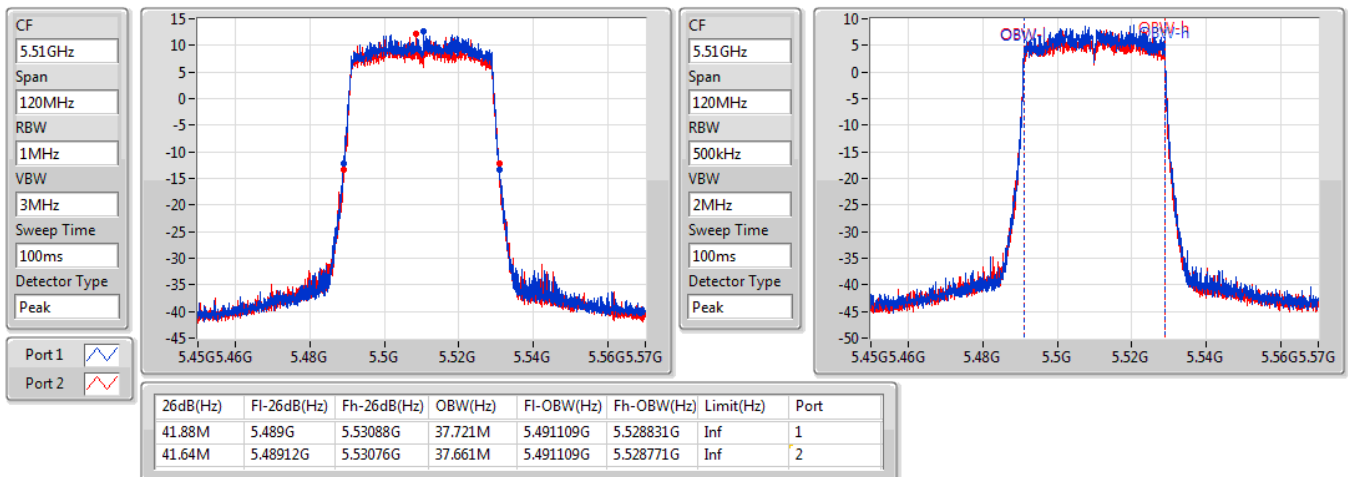


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5310MHz

05/12/2019

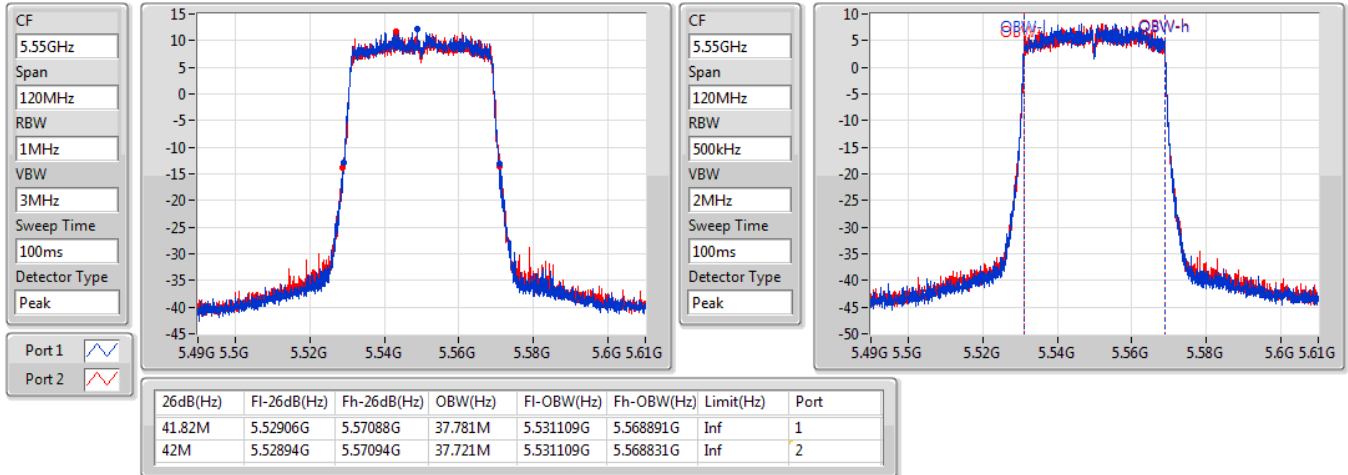

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

05/12/2019

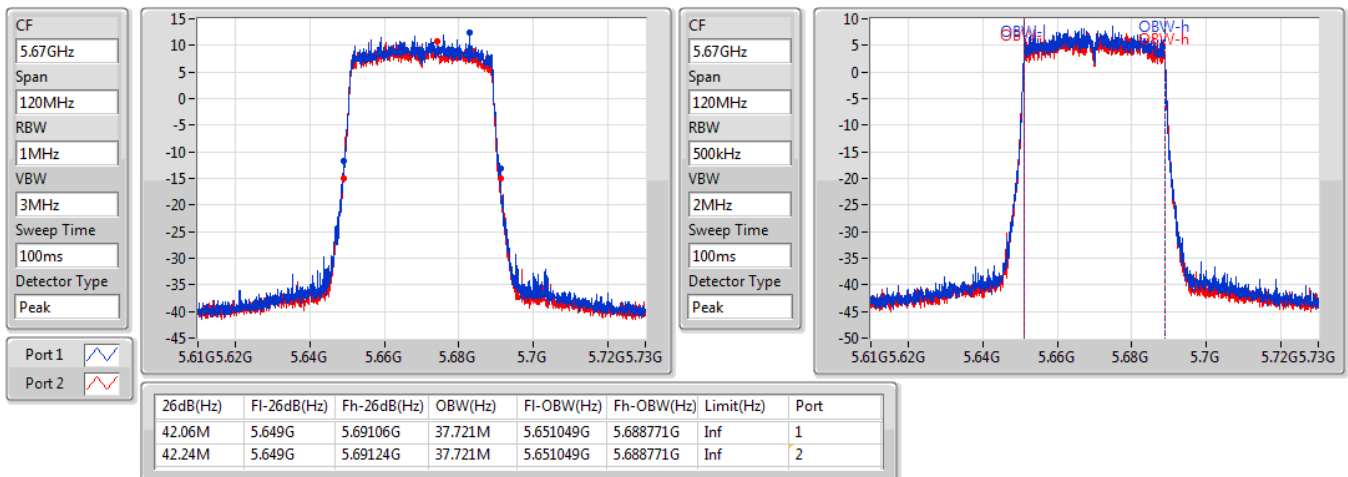


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

05/12/2019

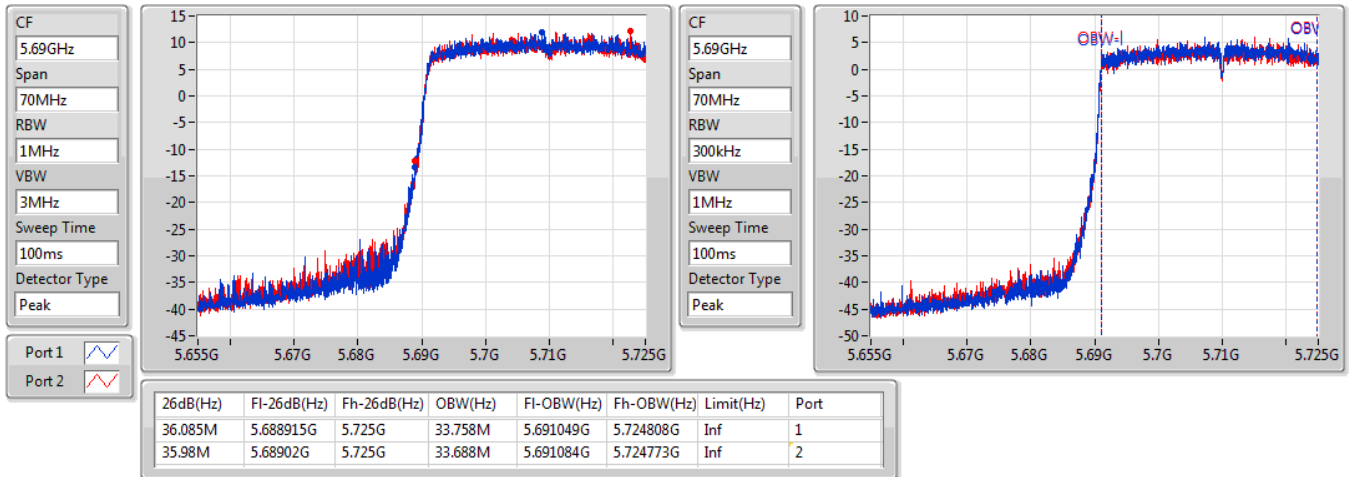

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5670MHz

05/12/2019

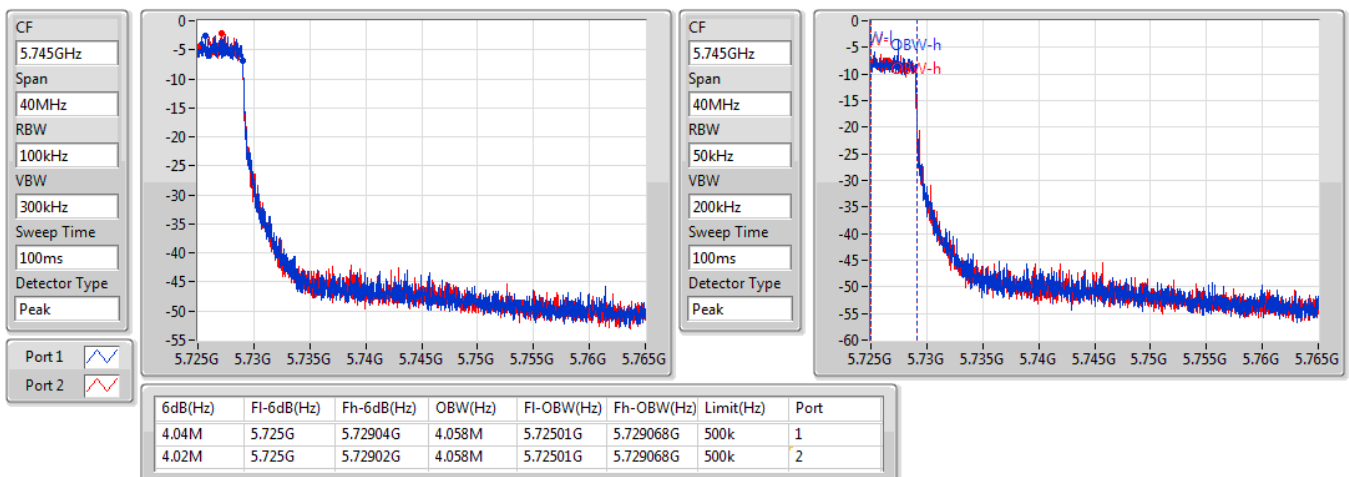


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

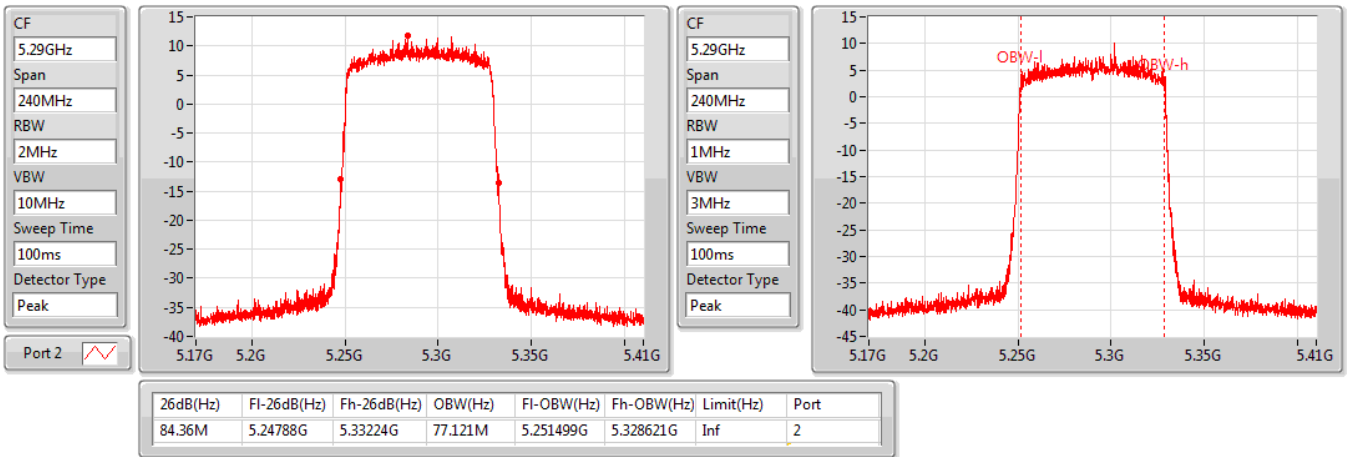

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

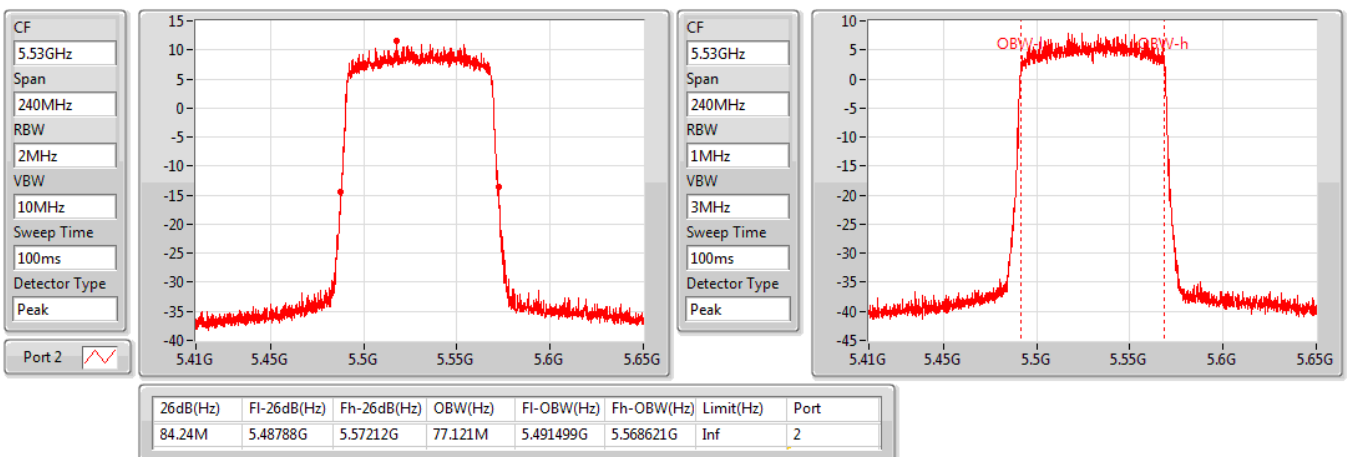


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5290MHz

05/12/2019

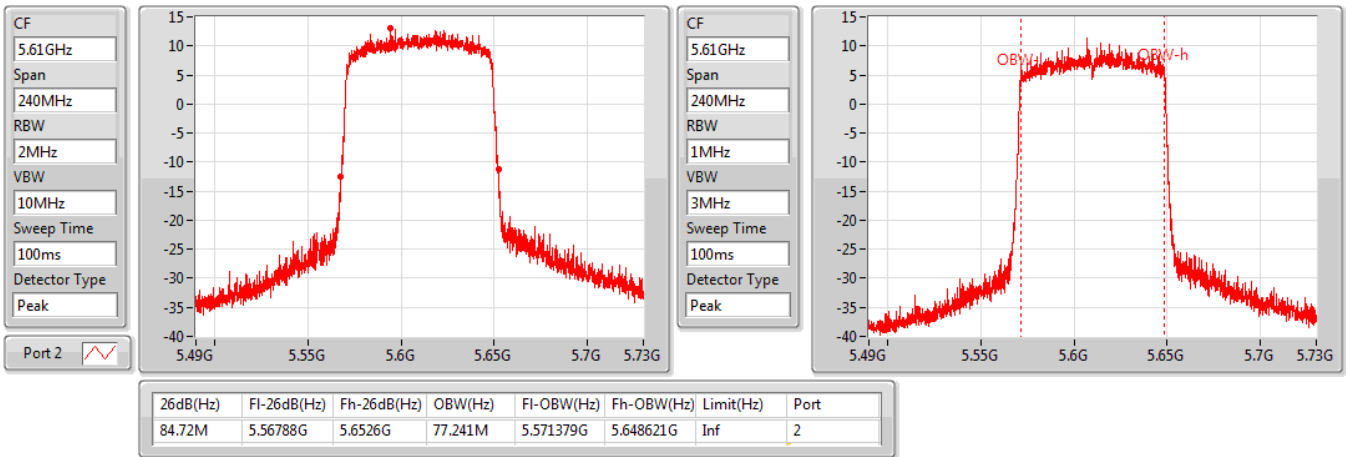

802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5530MHz

05/12/2019

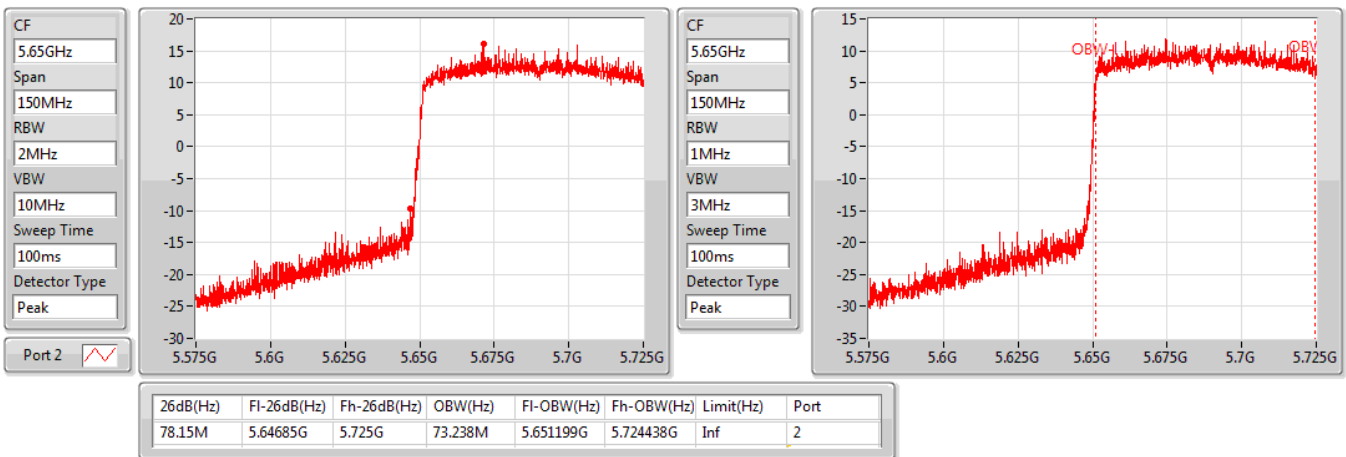


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5610MHz

05/12/2019

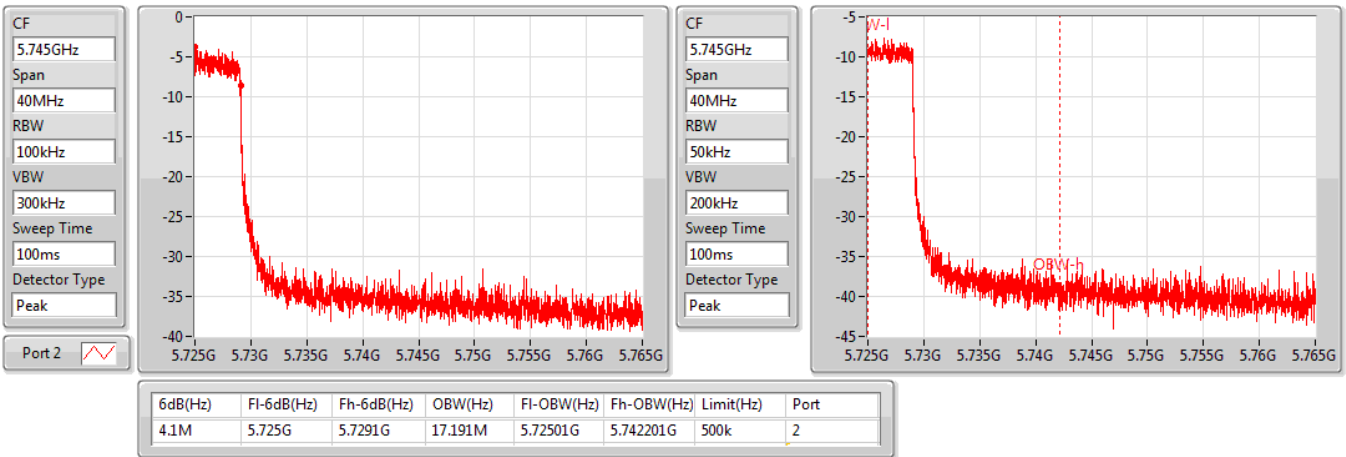

802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019

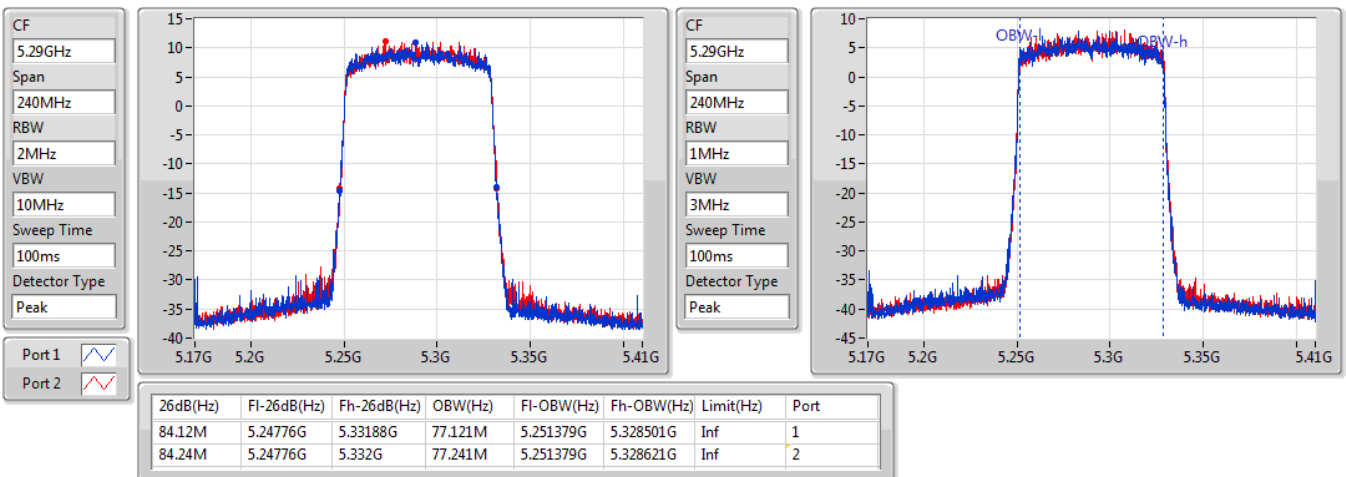


802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019

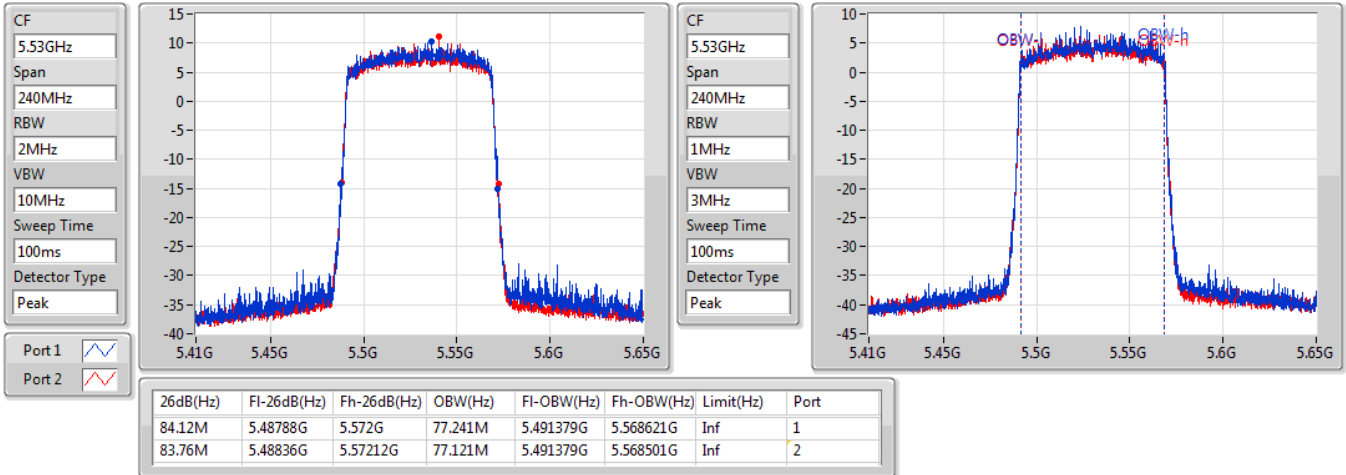

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

05/12/2019

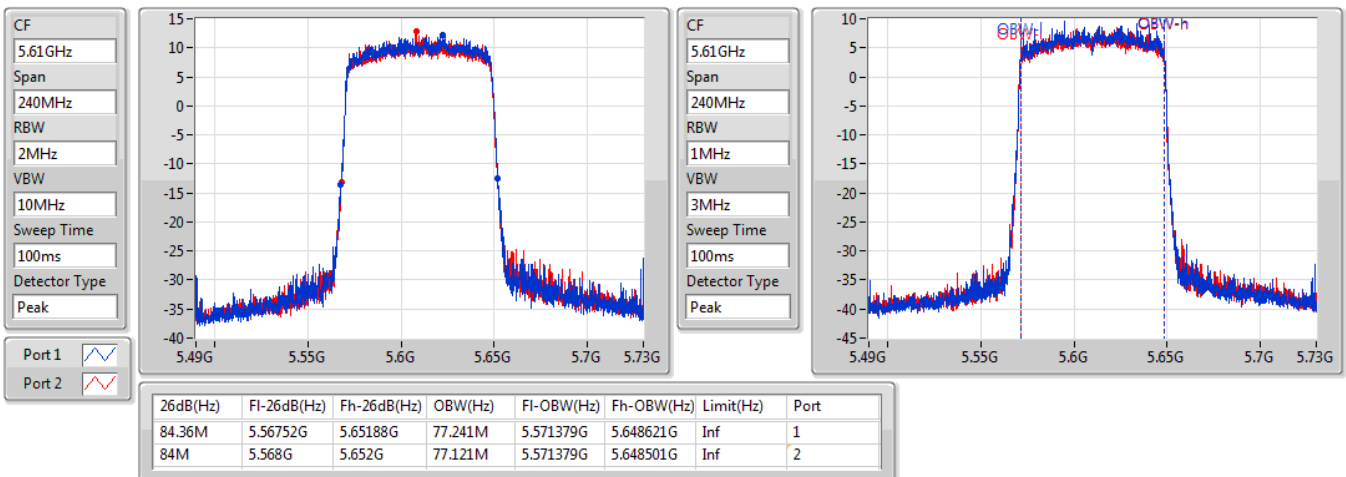


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

05/12/2019

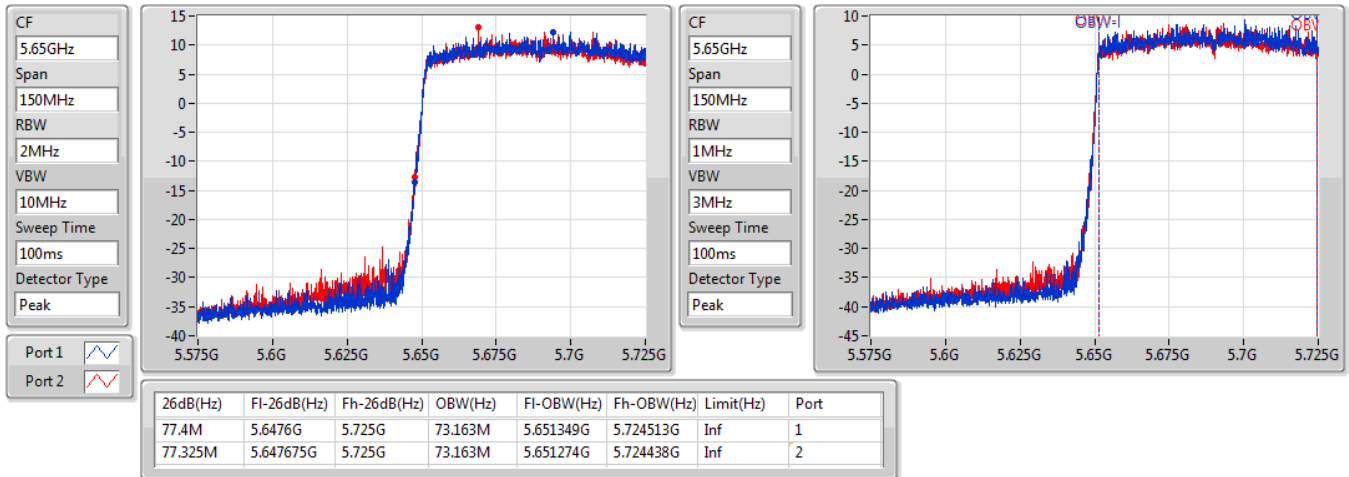

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5610MHz

05/12/2019

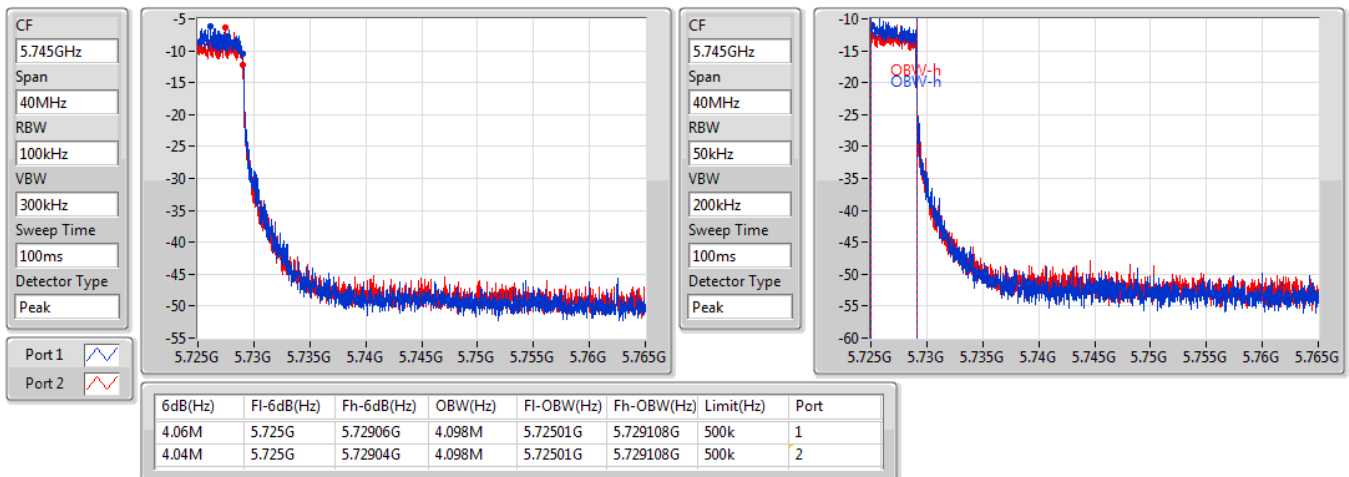


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/12/2019


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

05/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	33.93M	19.58M	19M6D1D	31.62M	18.831M
802.11ac VHT20_Nss1,(MCS0)_1TX	31.17M	19.64M	19M6D1D	30.45M	19.43M
802.11ac VHT40_Nss1,(MCS0)_1TX	72.78M	38.861M	38M9D1D	57.66M	37.301M
802.11ac VHT80_Nss1,(MCS0)_1TX	105.48M	76.642M	76M6D1D	105.48M	76.642M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	31.26M	18.591M	18M6D1D	17.203M	13.783M
802.11ac VHT20_Nss1,(MCS0)_1TX	30.15M	19.07M	19M1D1D	18.2M	14.43M
802.11ac VHT40_Nss1,(MCS0)_1TX	69.9M	38.501M	38M5D1D	44.738M	33.846M
802.11ac VHT80_Nss1,(MCS0)_1TX	119.52M	77.601M	77M6D1D	93.465M	73.743M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	2.88M	5.712M	5M71D1D	2.88M	5.712M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.51M	6.237M	6M24D1D	3.51M	6.237M
802.11ac VHT40_Nss1,(MCS0)_1TX	2.895M	11.784M	11M8D1D	2.895M	11.784M
802.11ac VHT80_Nss1,(MCS0)_1TX	2.97M	22.879M	22M9D1D	2.97M	22.879M

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

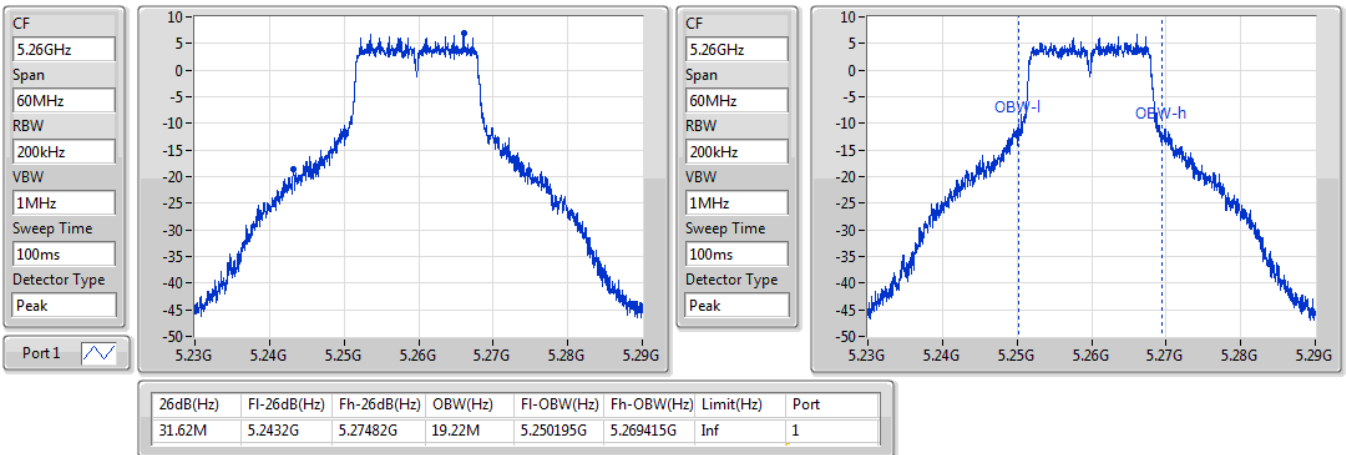
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	31.62M	19.22M
5300MHz	Pass	Inf	31.65M	18.831M
5320MHz	Pass	Inf	33.93M	19.58M
5500MHz	Pass	Inf	31.26M	18.591M
5580MHz	Pass	Inf	28.11M	17.271M
5700MHz	Pass	Inf	24.9M	16.912M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.203M	13.783M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	2.88M	5.712M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	30.45M	19.43M
5300MHz	Pass	Inf	30.99M	19.52M
5320MHz	Pass	Inf	31.17M	19.64M
5500MHz	Pass	Inf	30.15M	19.07M
5580MHz	Pass	Inf	28.29M	18.381M
5700MHz	Pass	Inf	25.71M	18.051M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.2M	14.43M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.51M	6.237M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	72.78M	38.861M
5310MHz	Pass	Inf	57.66M	37.301M
5510MHz	Pass	Inf	56.7M	37.121M
5550MHz	Pass	Inf	69.9M	38.501M
5670MHz	Pass	Inf	64.56M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	44.738M	33.846M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	2.895M	11.784M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	105.48M	76.642M
5530MHz	Pass	Inf	99.48M	76.402M
5610MHz	Pass	Inf	119.52M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	93.465M	73.743M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	2.97M	22.879M

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

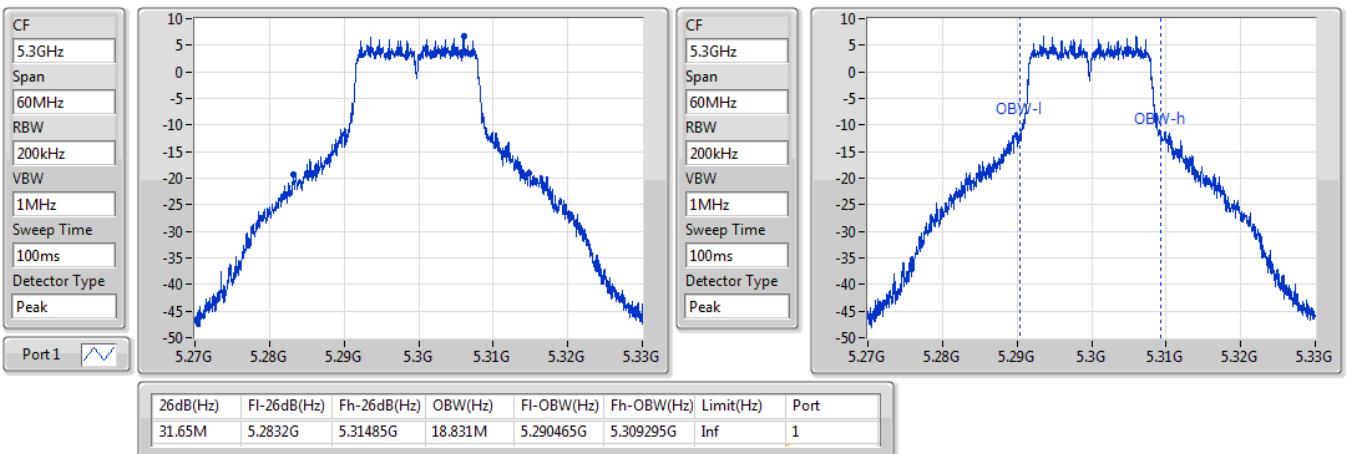
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

05/12/2019

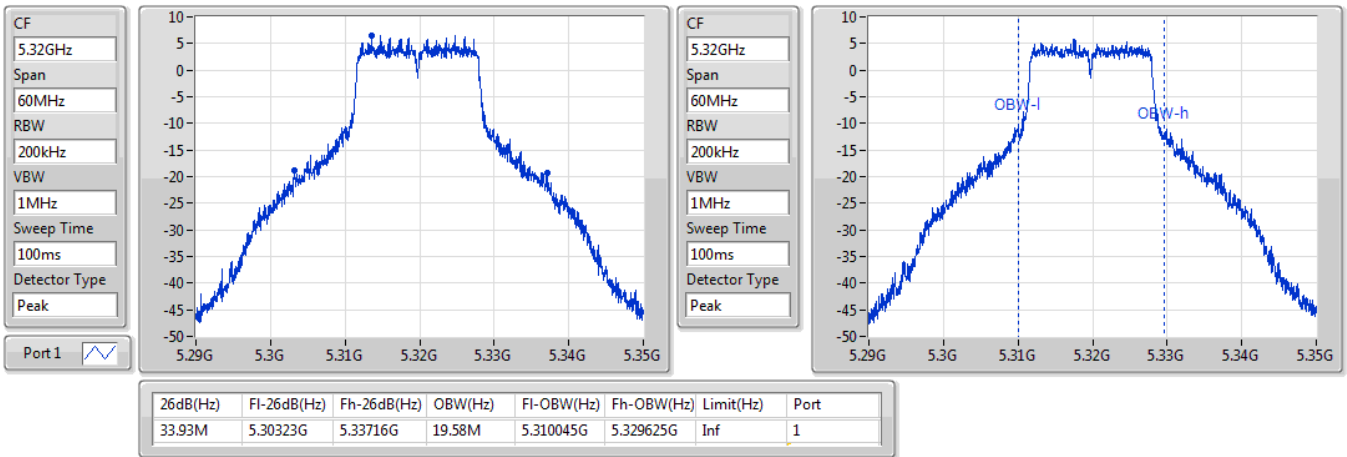

802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

05/12/2019

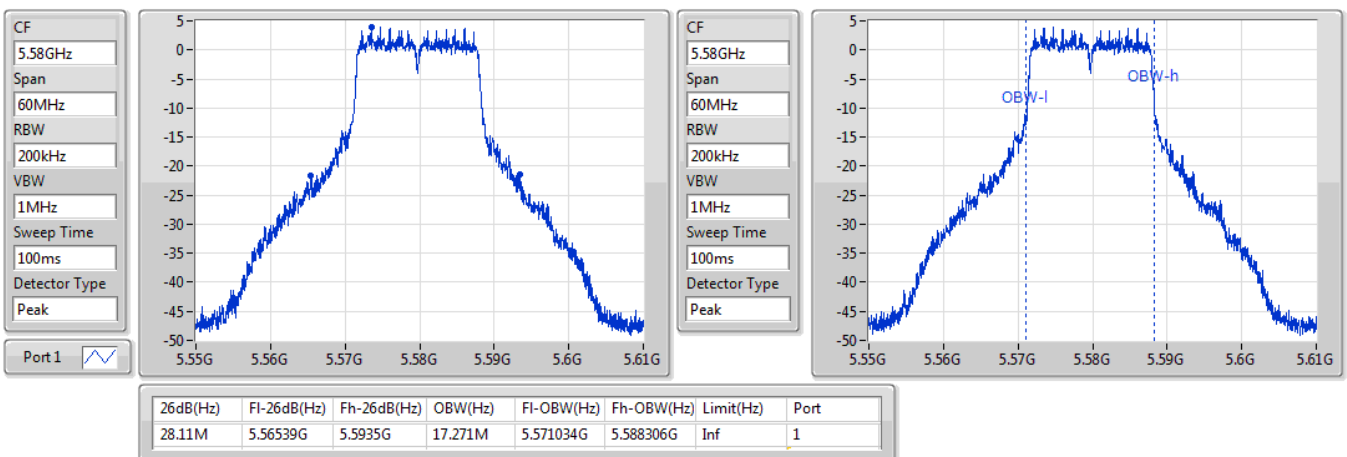


802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

05/12/2019

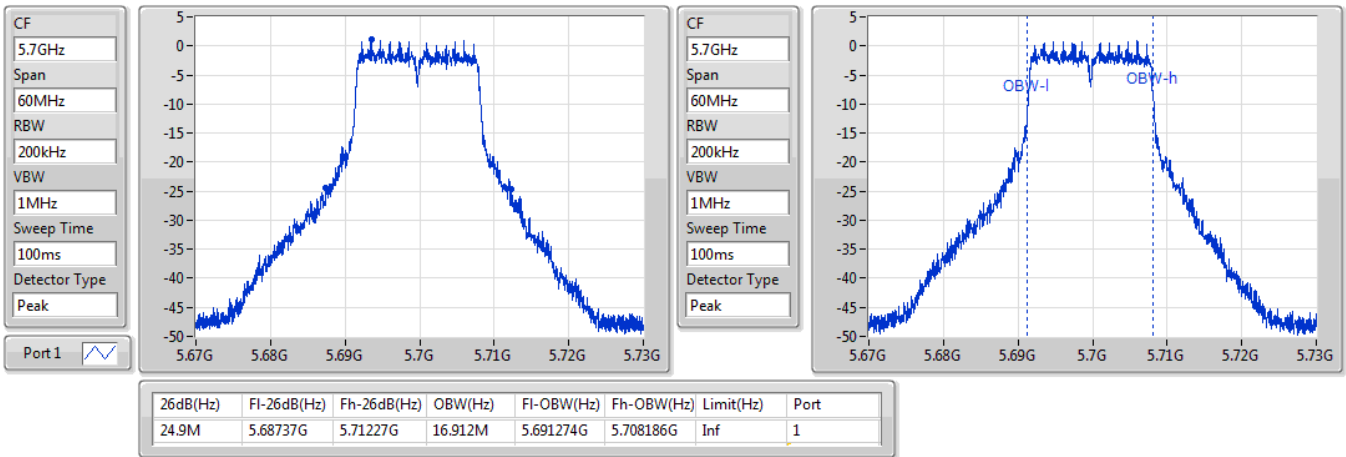

802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

05/12/2019

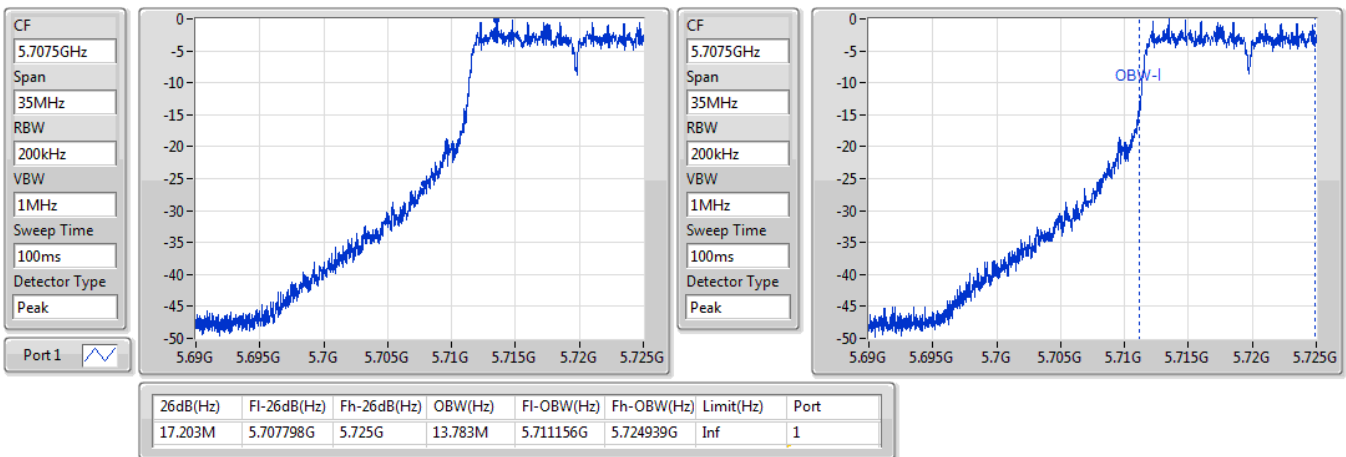


802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

05/12/2019

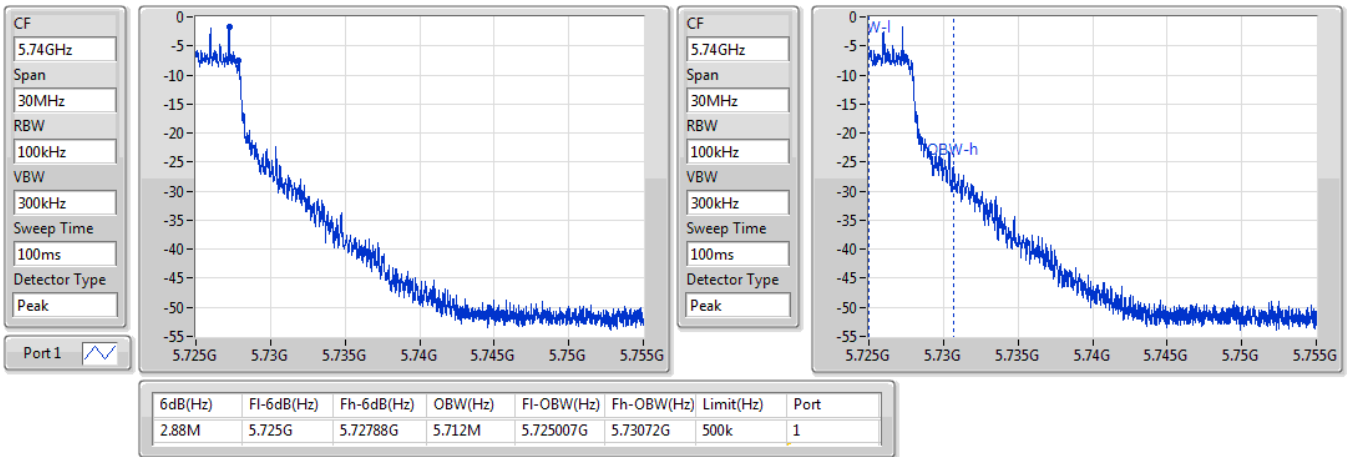

802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/12/2019

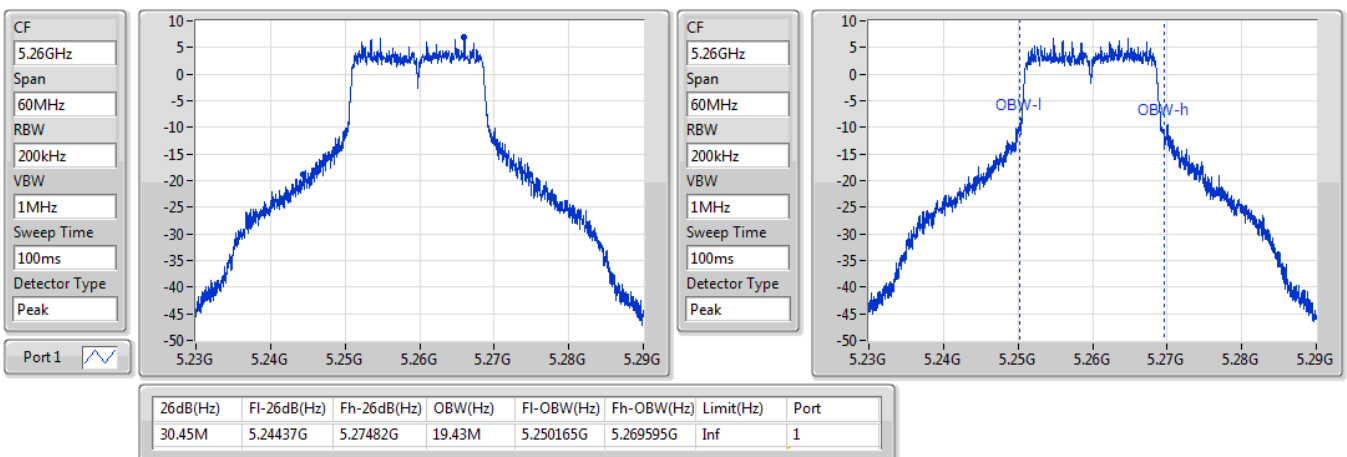


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

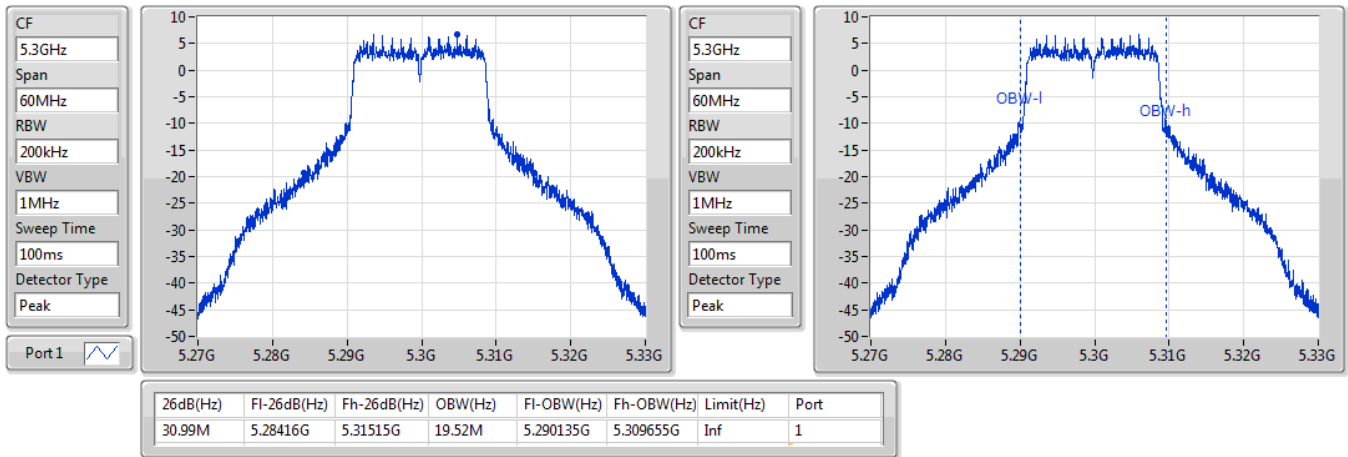

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

05/12/2019

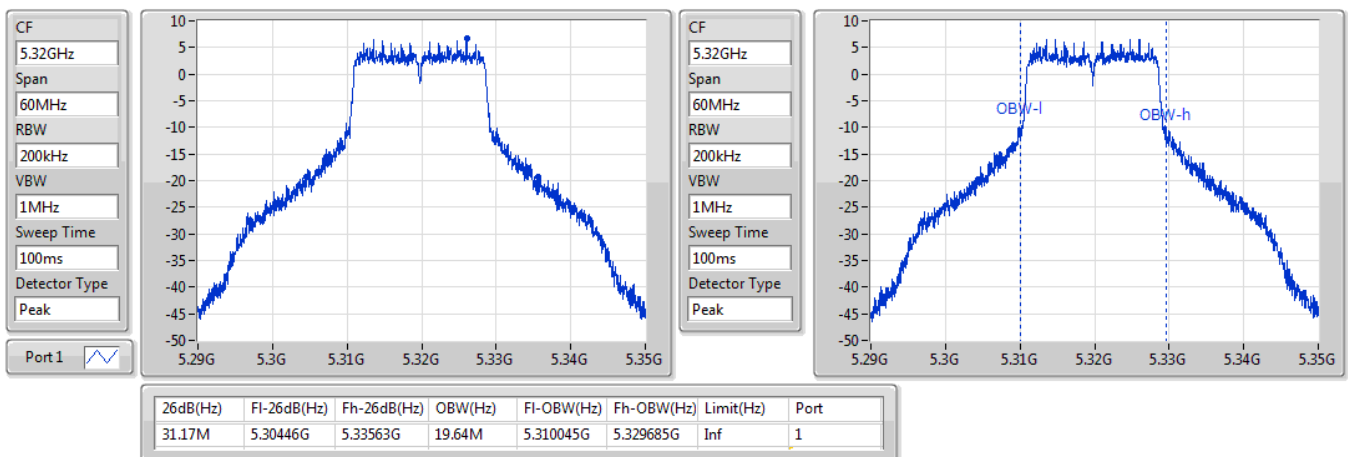


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

05/12/2019

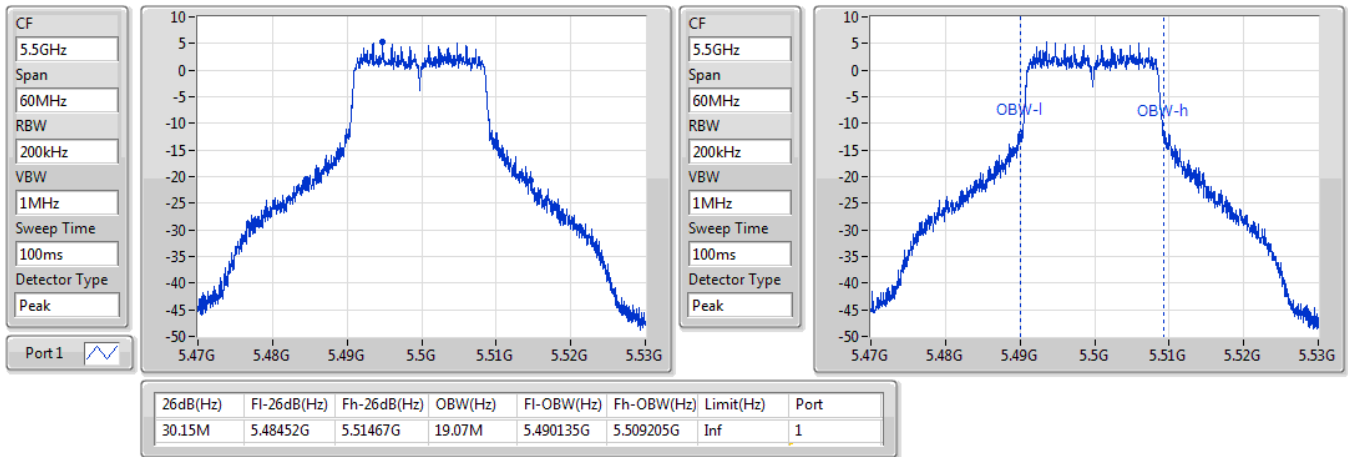

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

05/12/2019

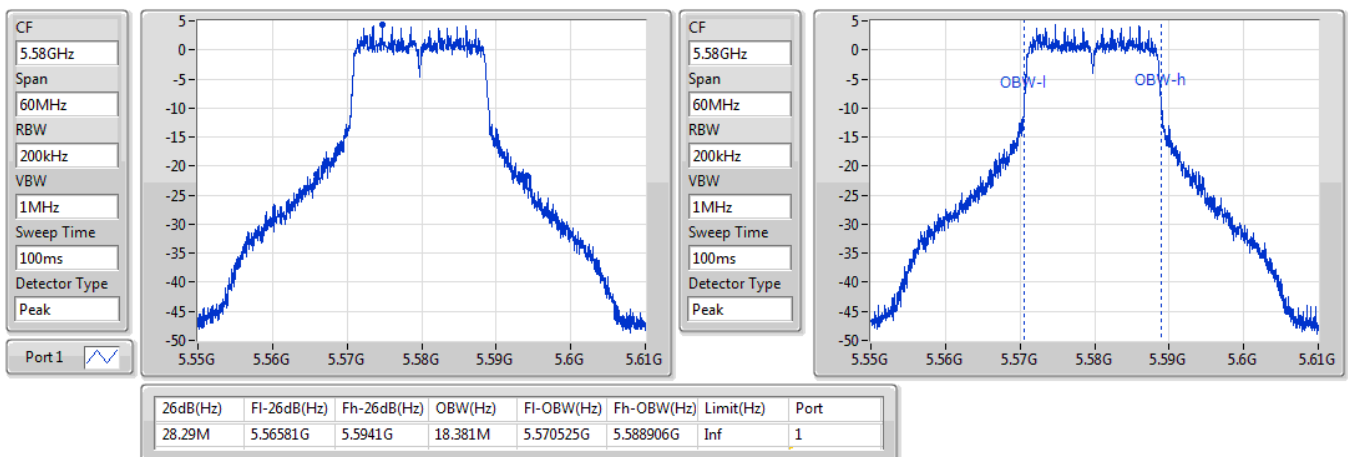


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

05/12/2019

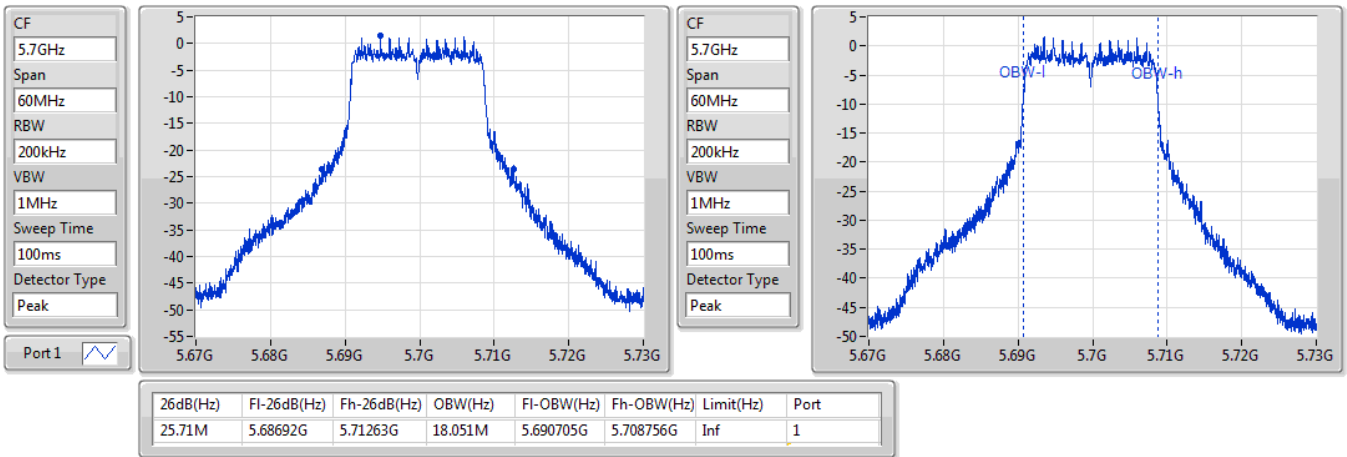

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

05/12/2019

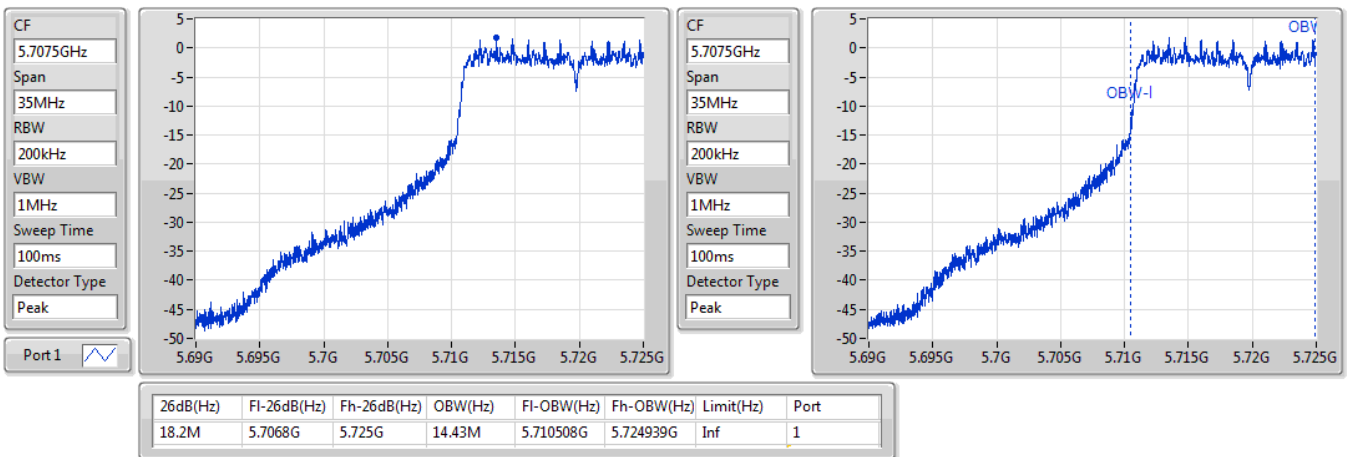


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5700MHz

05/12/2019

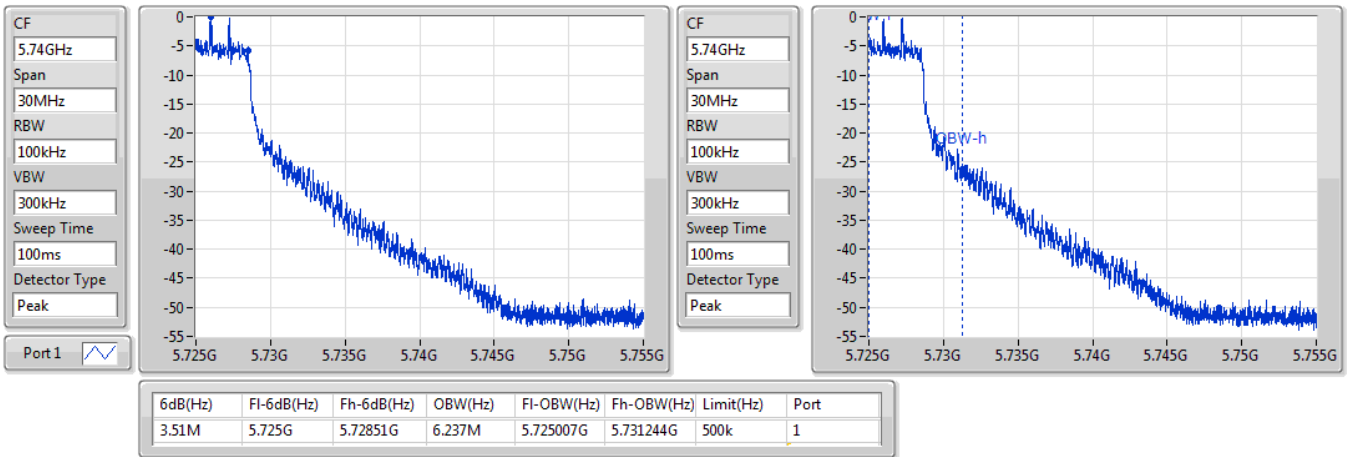

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.67-5.725GHz

05/12/2019

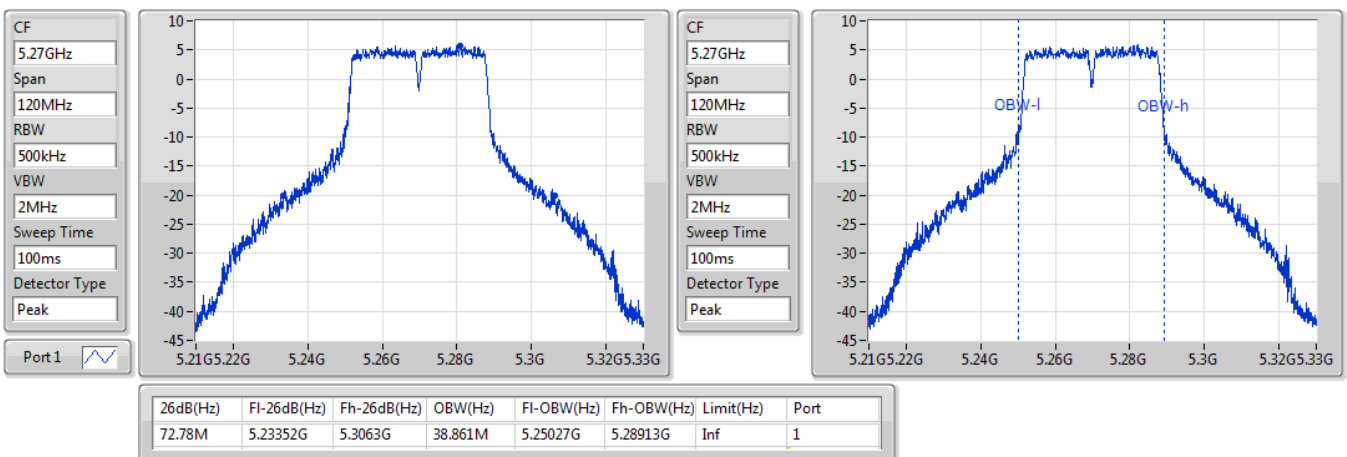


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/12/2019

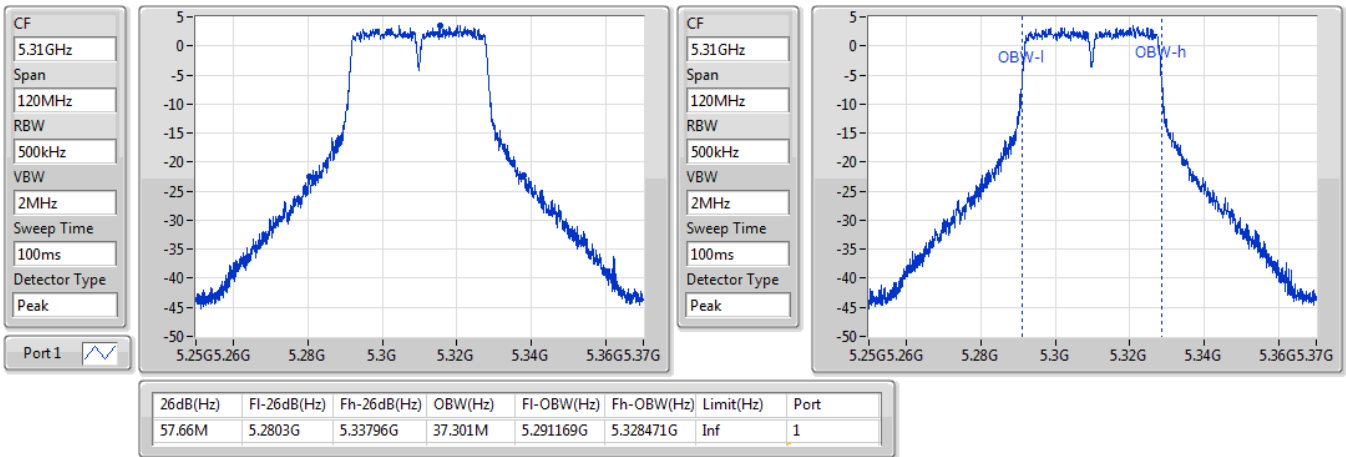

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

05/12/2019

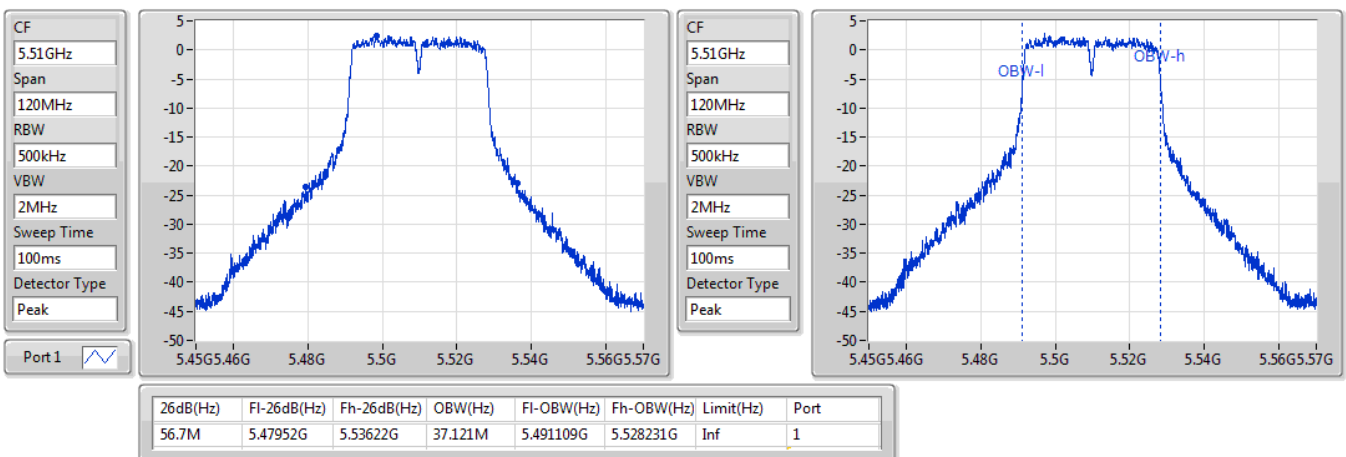


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

05/12/2019

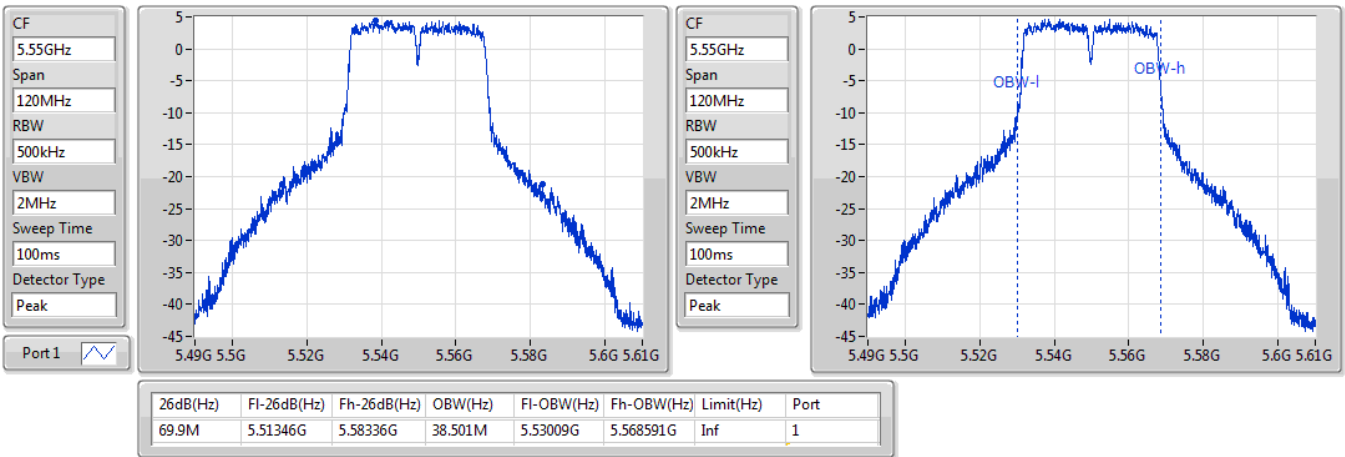

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

05/12/2019

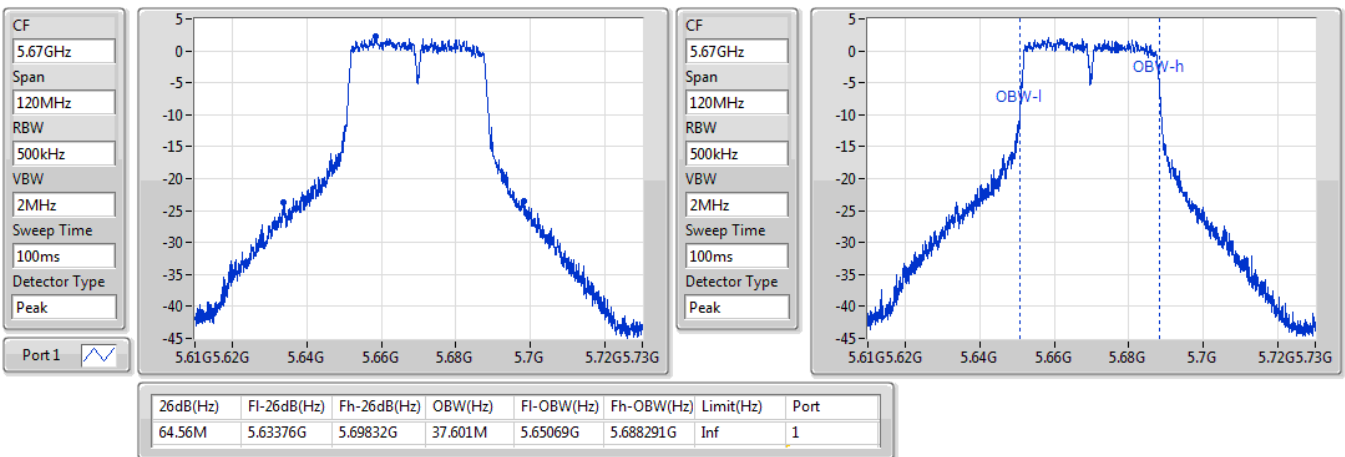


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

05/12/2019

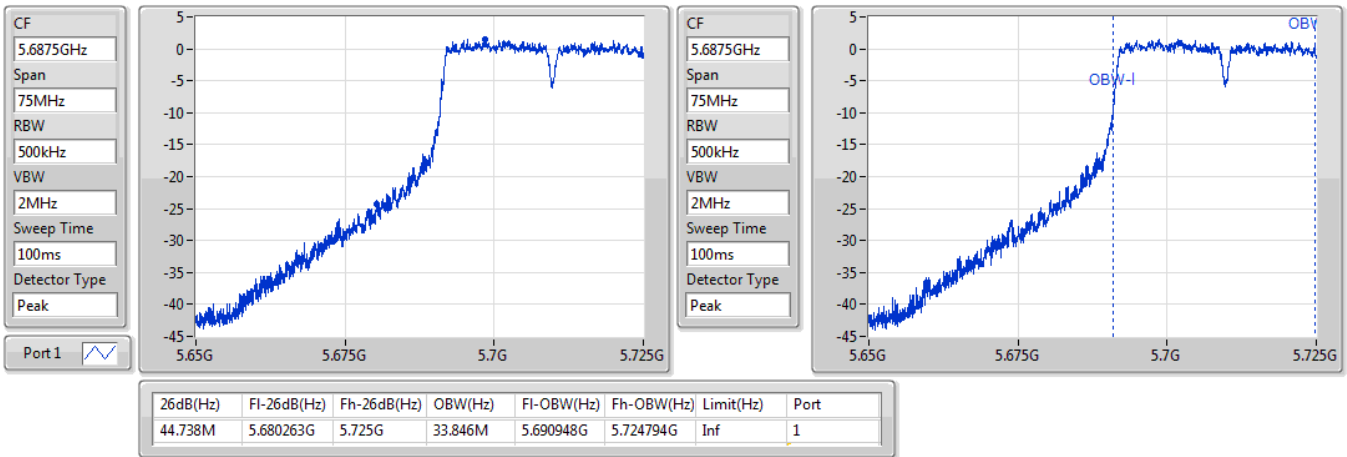

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

05/12/2019

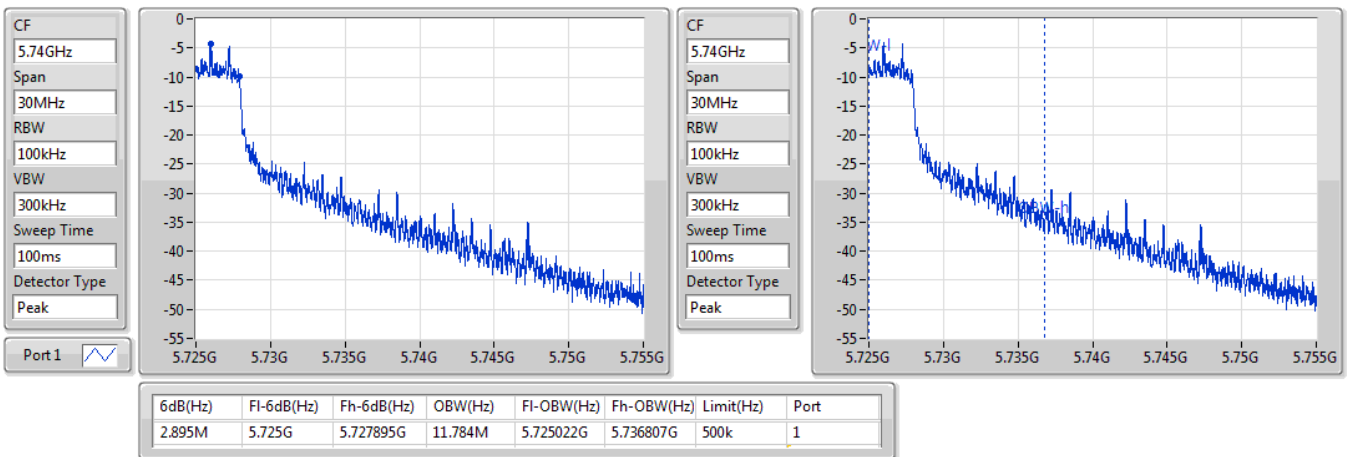


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/12/2019

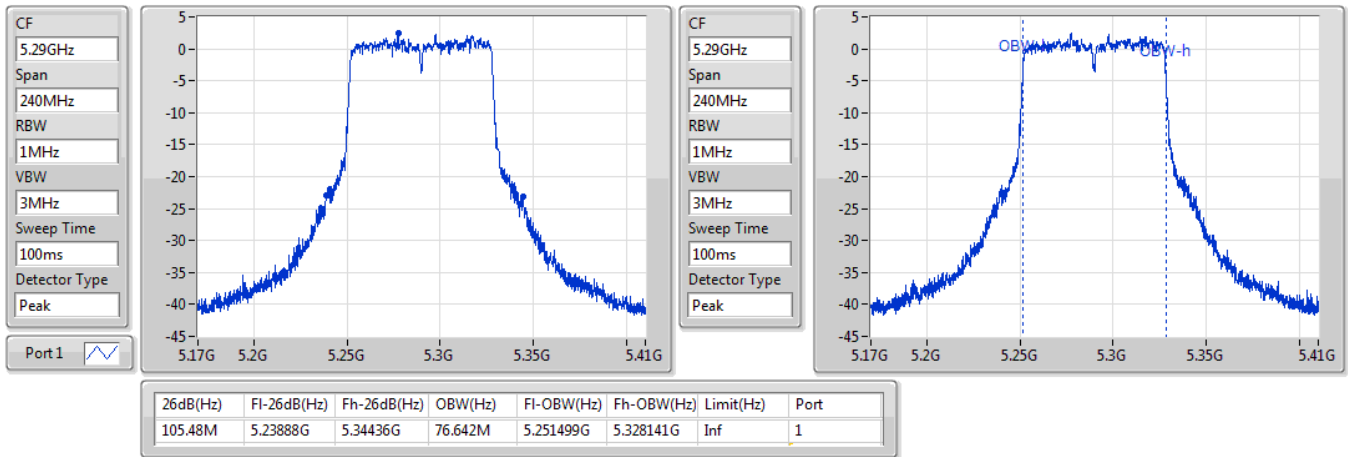

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/12/2019

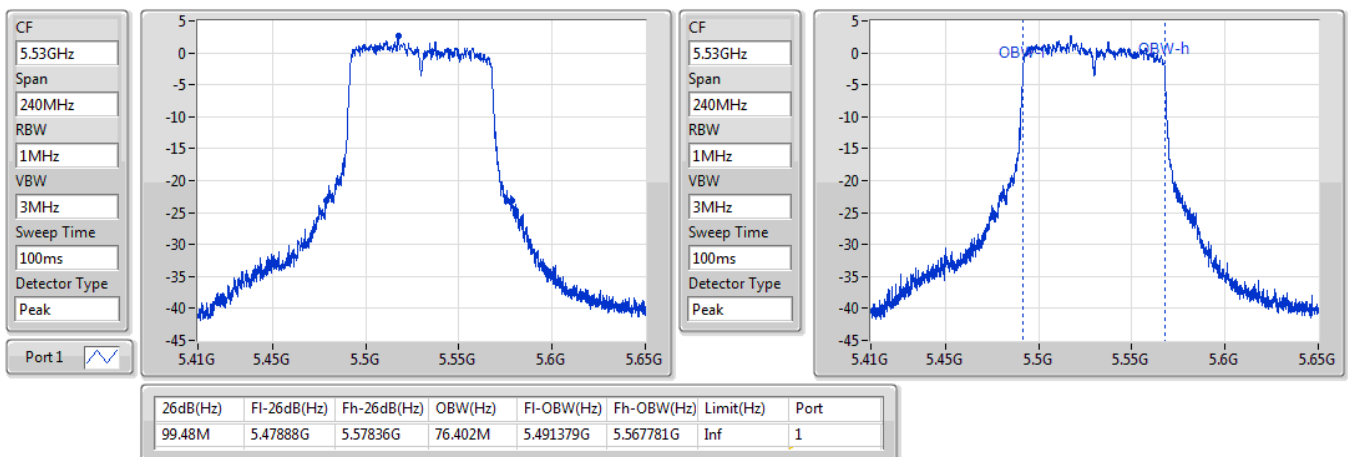


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

05/12/2019

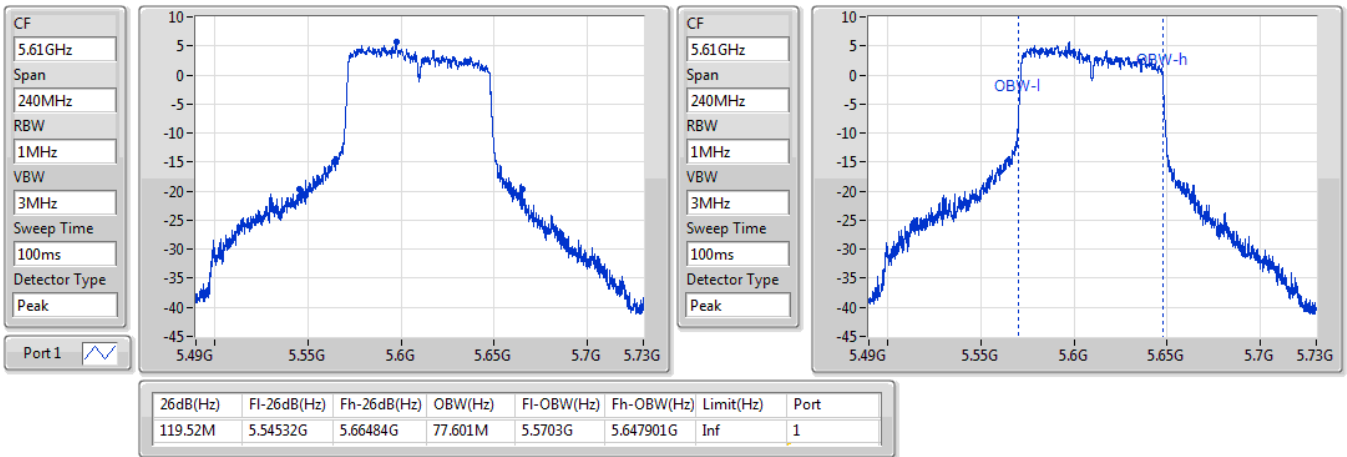

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

05/12/2019

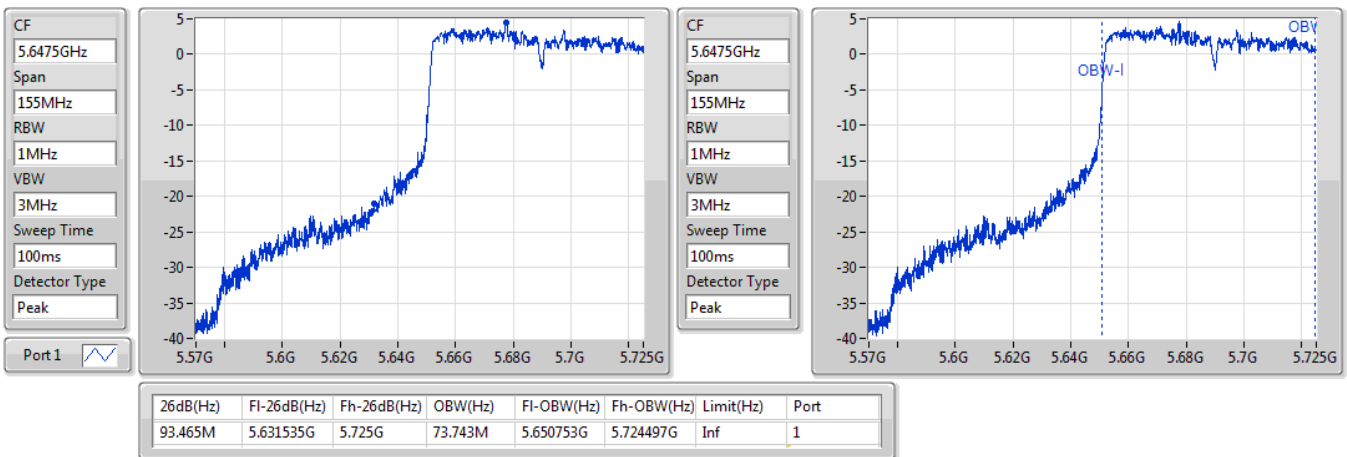


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

05/12/2019


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

05/12/2019

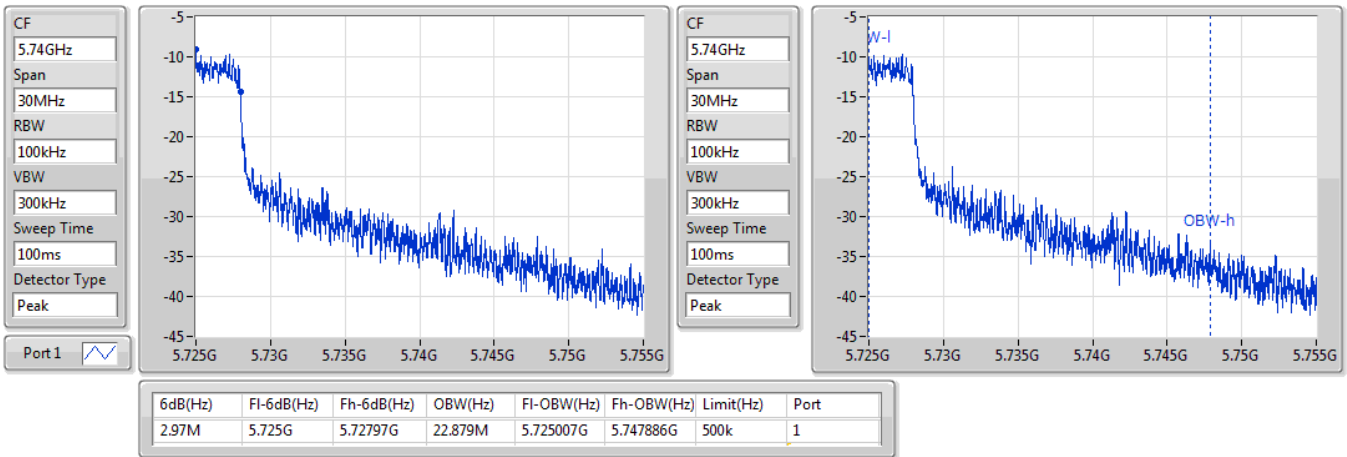


802.11ac VHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

05/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.94M	17.571M	17M6D1D	20.16M	17.571M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.56M	36.162M	36M2D1D	39.66M	36.042M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	79.92M	75.442M	75M4D1D	79.8M	75.202M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.7M	17.571M	17M6D1D	20.22M	17.571M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.06M	36.162M	36M2D1D	40.92M	36.102M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.84M	75.442M	75M4D1D	81.12M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.46M	17.571M	17M6D1D	15.173M	13.766M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.5M	36.222M	36M2D1D	34.988M	32.909M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.68M	75.442M	75M4D1D	75.098M	72.116M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.52M	17.571M	17M6D1D	15.12M	13.783M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42M	36.222M	36M2D1D	35.363M	32.909M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	85.56M	76.042M	76M0D1D	75.02M	72.116M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.765M	4.018M	4M02D1D	3.75M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.21M	3.613M	3M61D1D	3.165M	3.568M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.195M	3.943M	3M94D1D	3.18M	3.853M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.78M	4.033M	4M03D1D	3.495M	4.018M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.12M	3.643M	3M64D1D	2.91M	3.598M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.195M	3.898M	3M90D1D	2.835M	3.823M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.16M	17.571M	20.34M	17.571M
5300MHz	Pass	Inf	20.4M	17.571M	20.94M	17.571M
5320MHz	Pass	Inf	20.37M	17.571M	20.67M	17.571M
5500MHz	Pass	Inf	20.01M	17.571M	20.34M	17.571M
5580MHz	Pass	Inf	20.46M	17.571M	20.13M	17.571M
5700MHz	Pass	Inf	20.34M	17.541M	20.22M	17.541M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.173M	13.766M	15.173M	13.766M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.765M	4.018M	3.75M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.66M	36.162M	40.56M	36.042M
5310MHz	Pass	Inf	40.02M	36.102M	39.96M	36.102M
5510MHz	Pass	Inf	39.78M	36.102M	40.08M	36.222M
5550MHz	Pass	Inf	40.02M	36.102M	39.78M	36.102M
5670MHz	Pass	Inf	40.5M	36.102M	39.78M	36.042M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.475M	32.946M	34.988M	32.909M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.21M	3.613M	3.165M	3.568M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	79.8M	75.442M	79.92M	75.202M
5530MHz	Pass	Inf	79.92M	75.082M	82.68M	75.442M
5610MHz	Pass	Inf	79.68M	75.202M	79.2M	75.202M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.175M	72.116M	75.098M	72.116M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.195M	3.943M	3.18M	3.853M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.37M	17.571M	20.22M	17.571M
5300MHz	Pass	Inf	20.25M	17.571M	20.7M	17.571M
5320MHz	Pass	Inf	20.22M	17.571M	20.52M	17.571M
5500MHz	Pass	Inf	20.52M	17.571M	20.31M	17.571M
5580MHz	Pass	Inf	20.37M	17.571M	20.13M	17.571M
5700MHz	Pass	Inf	20.4M	17.571M	20.13M	17.571M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.348M	13.783M	15.12M	13.801M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.033M	3.495M	4.018M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	42.06M	36.102M	42.06M	36.102M
5310MHz	Pass	Inf	40.92M	36.102M	41.82M	36.162M
5510MHz	Pass	Inf	40.5M	36.162M	41.22M	36.102M
5550MHz	Pass	Inf	39.6M	36.102M	42M	36.222M
5670MHz	Pass	Inf	41.4M	36.102M	40.56M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.363M	32.909M	36.938M	32.909M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.643M	2.91M	3.598M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	84.84M	75.442M	81.12M	75.202M
5530MHz	Pass	Inf	81.96M	75.202M	83.88M	75.442M
5610MHz	Pass	Inf	81M	75.202M	85.56M	76.042M



EBW_Group 1_Beamforming

Appendix A

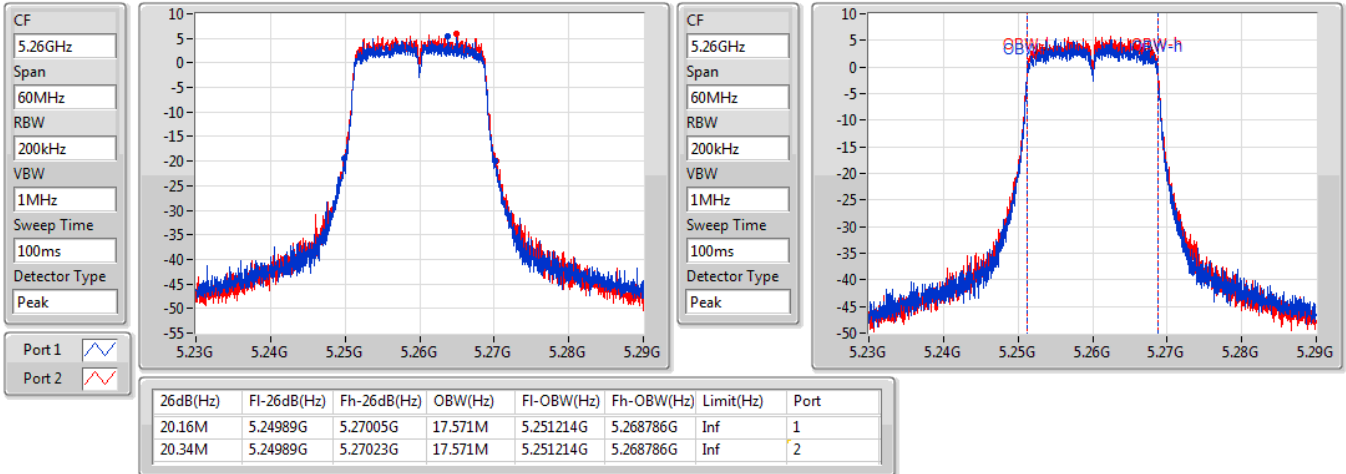
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.098M	72.194M	75.02M	72.116M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.195M	3.898M	2.835M	3.823M

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

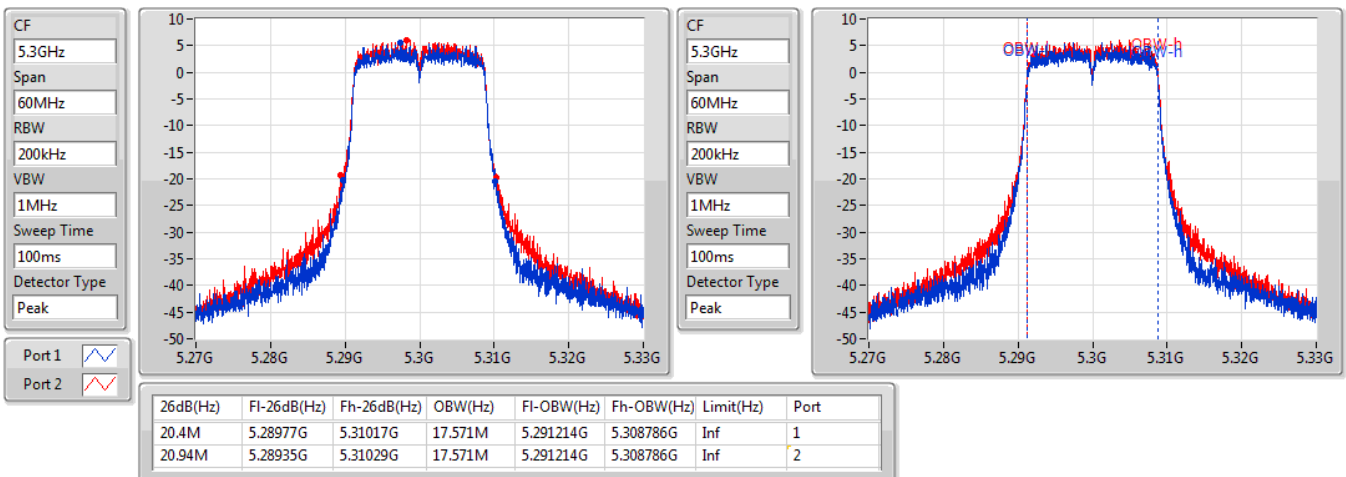
Port X-OBW = Port X 99% occupied bandwidth;

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

09/12/2019

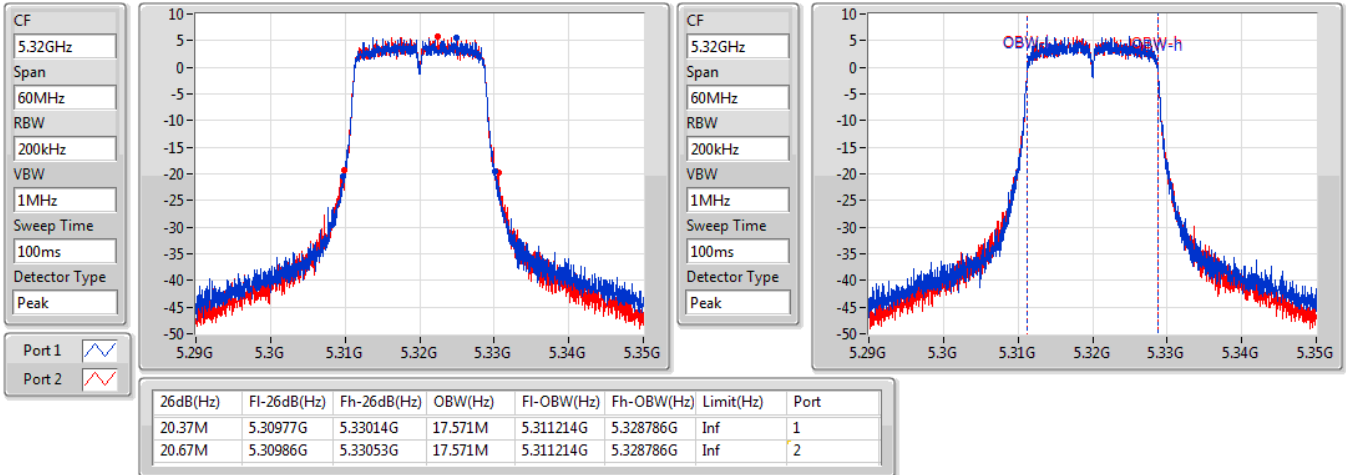

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

09/12/2019

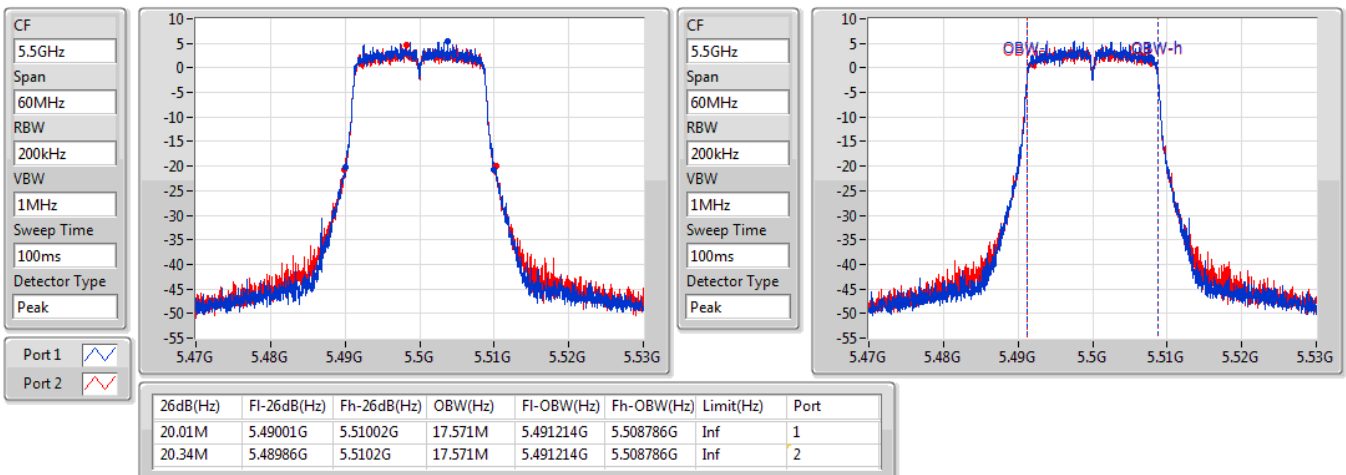


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

09/12/2019

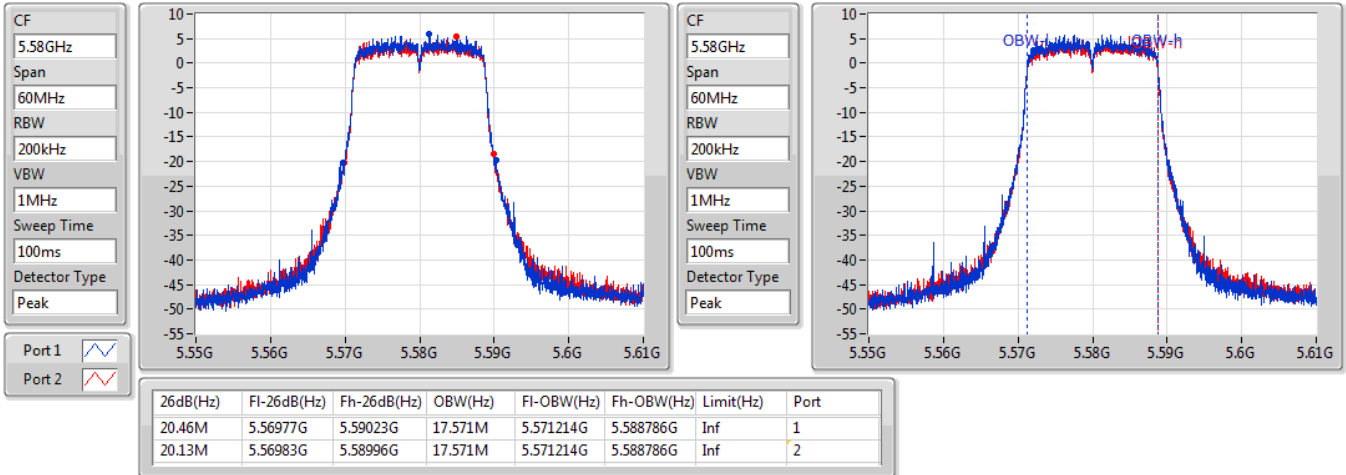

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

09/12/2019

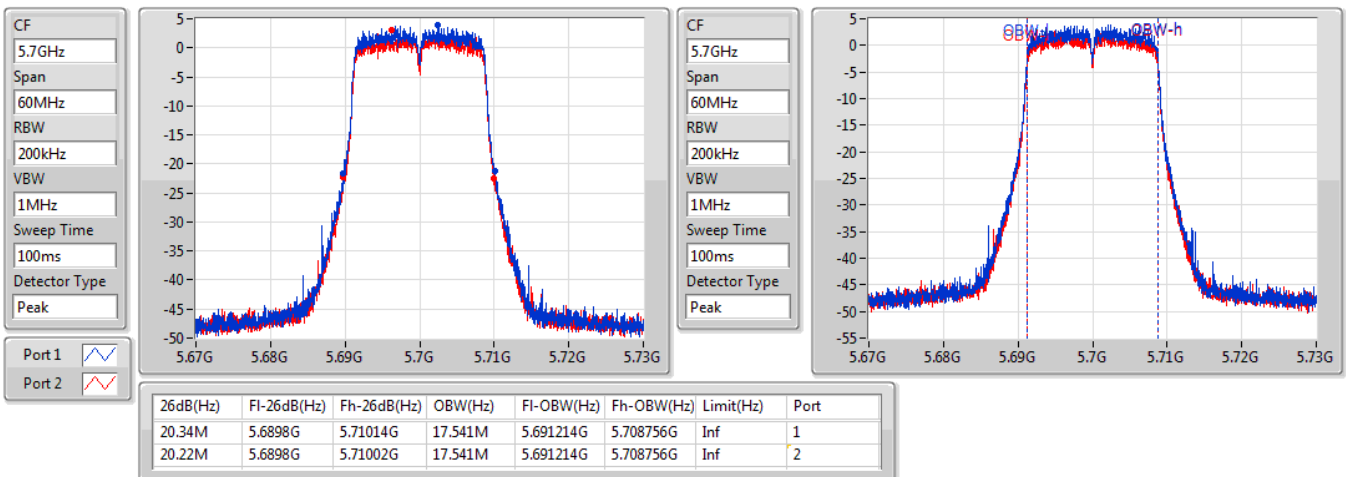


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

09/12/2019

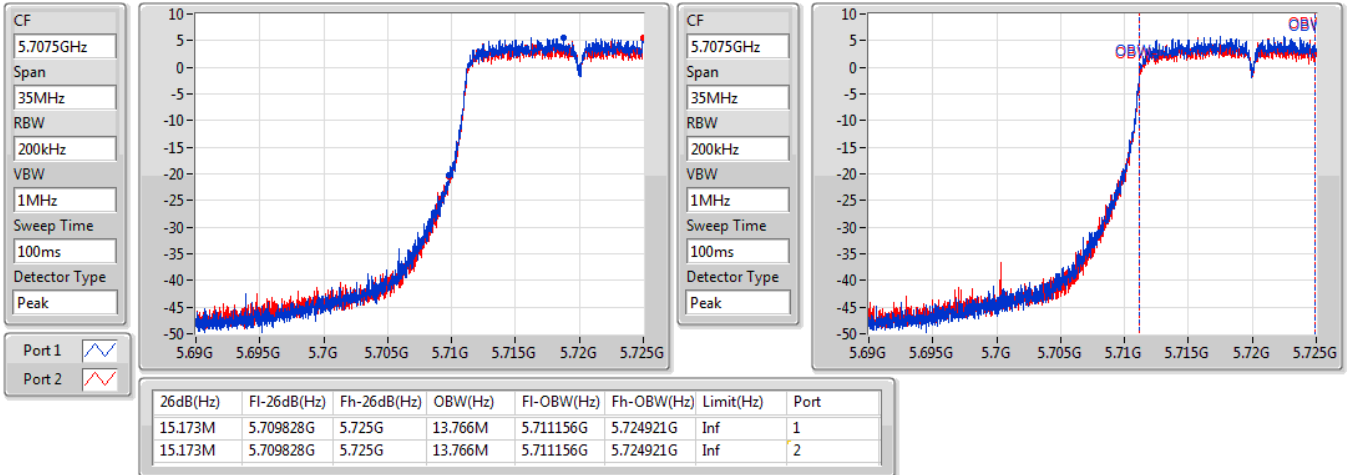

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

09/12/2019

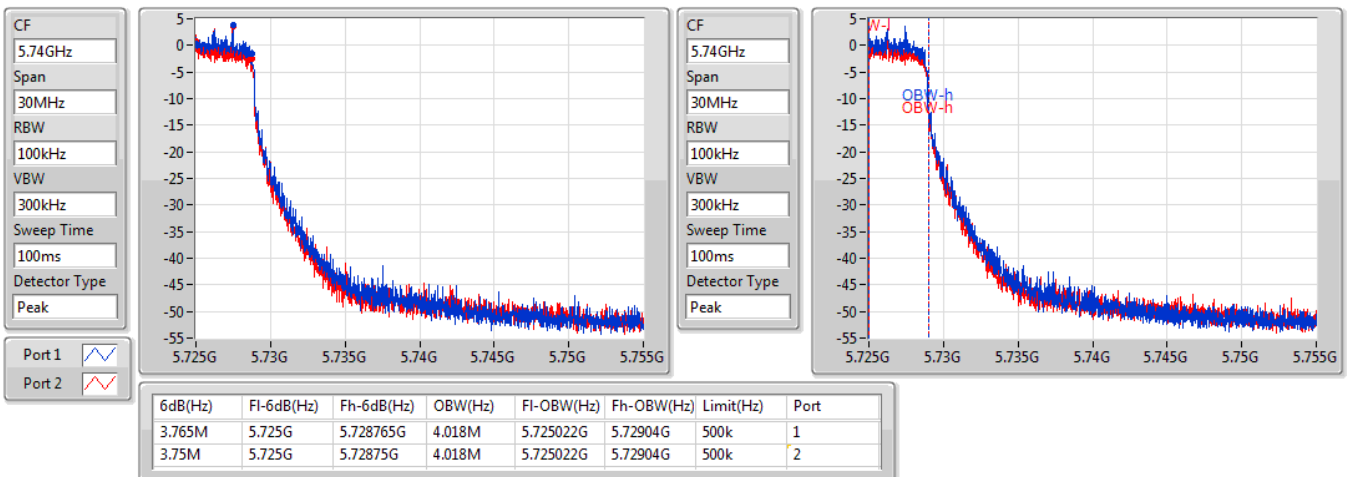


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

09/12/2019

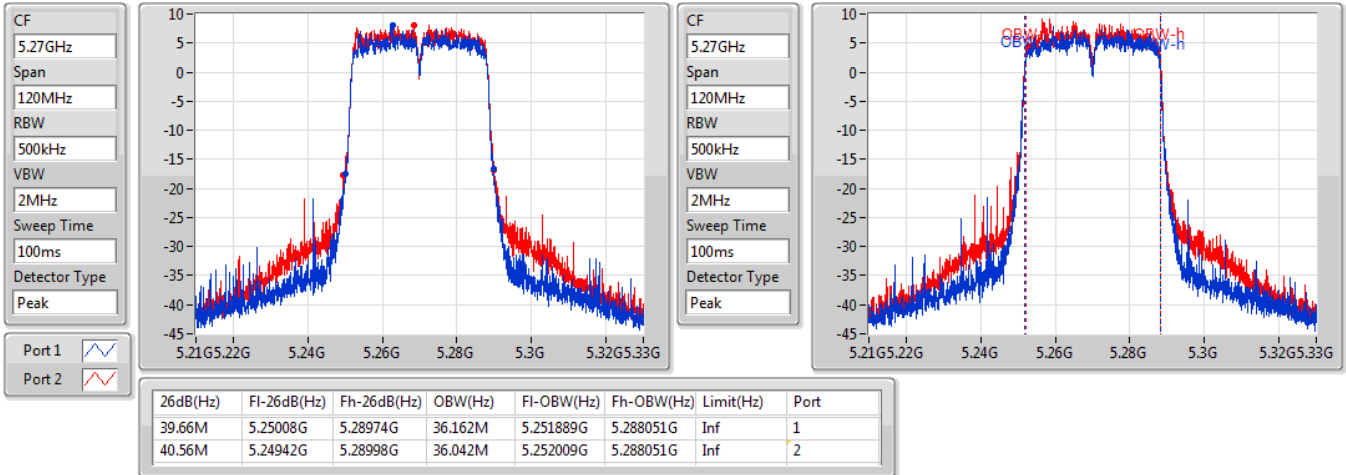

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

09/12/2019

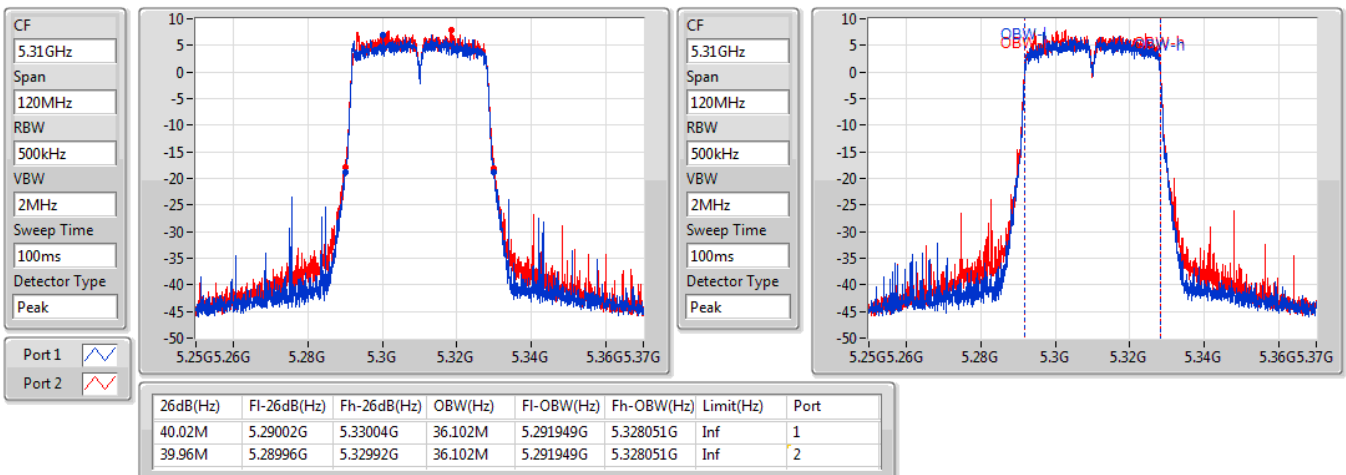


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

09/12/2019

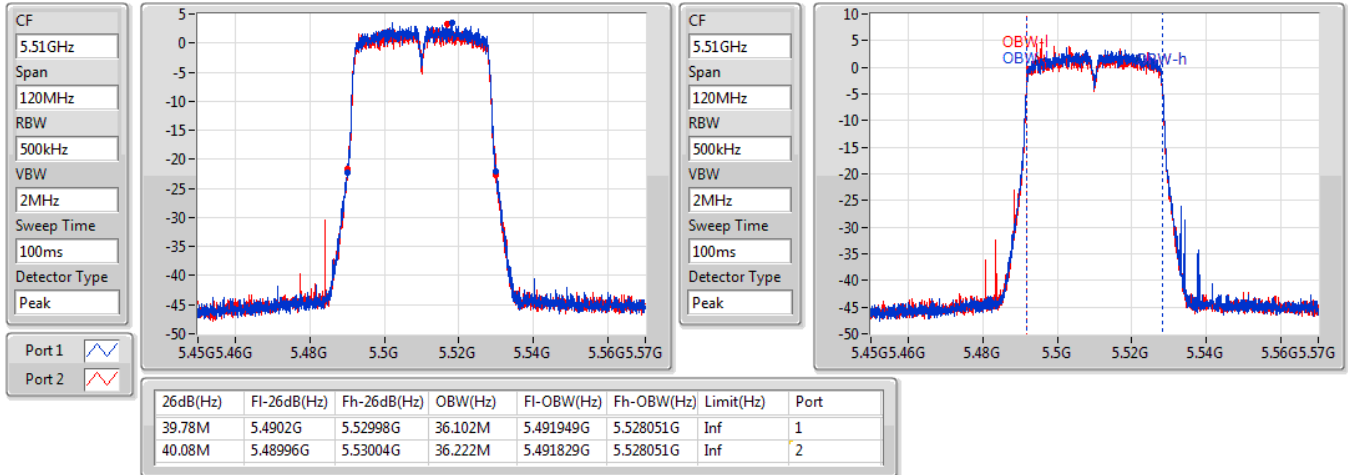

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

09/12/2019

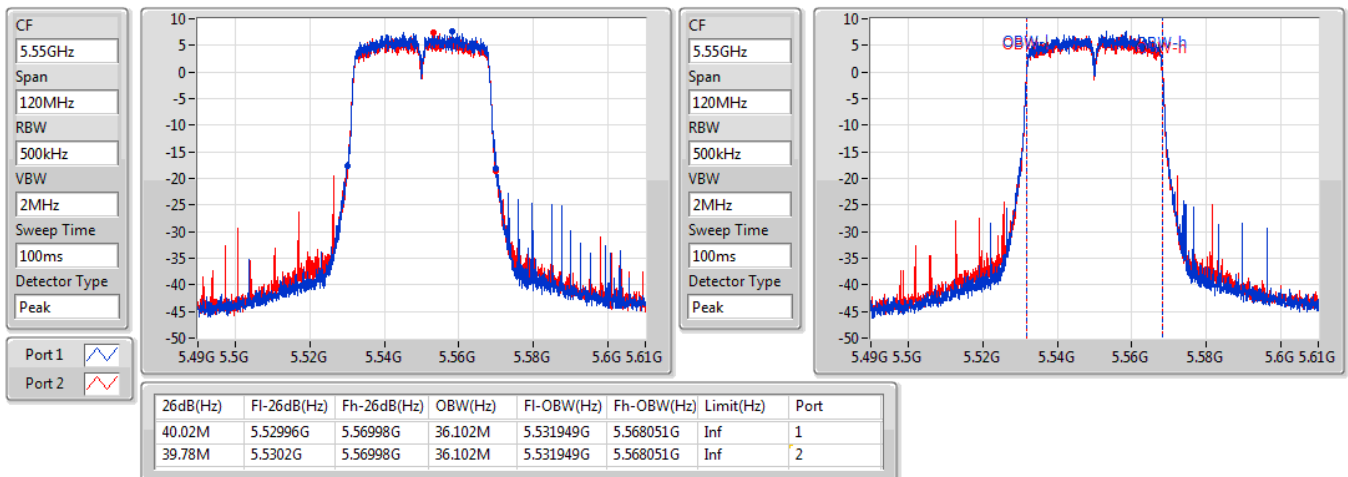


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

09/12/2019

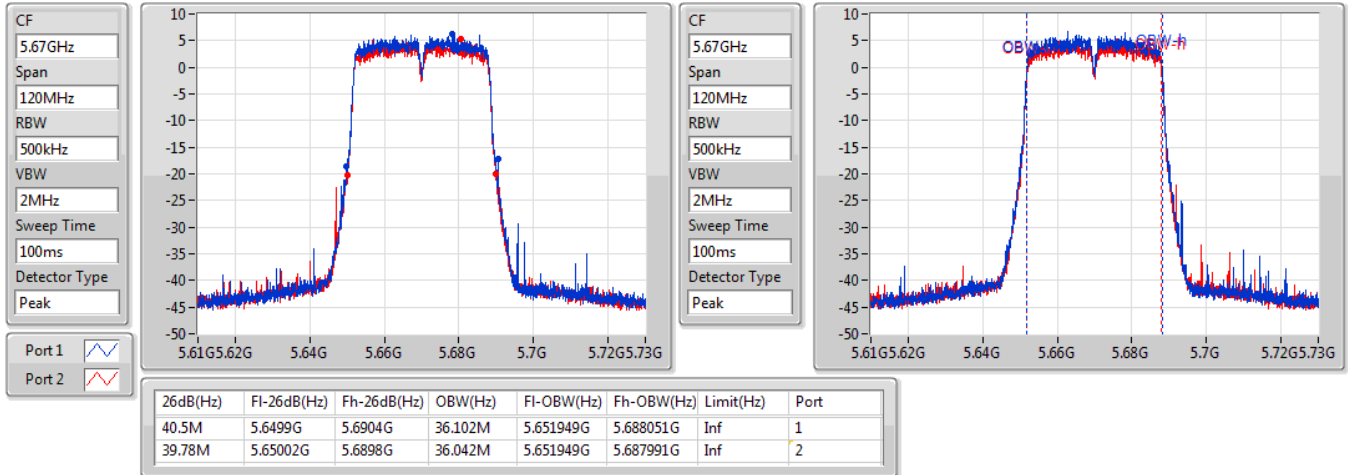

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

09/12/2019

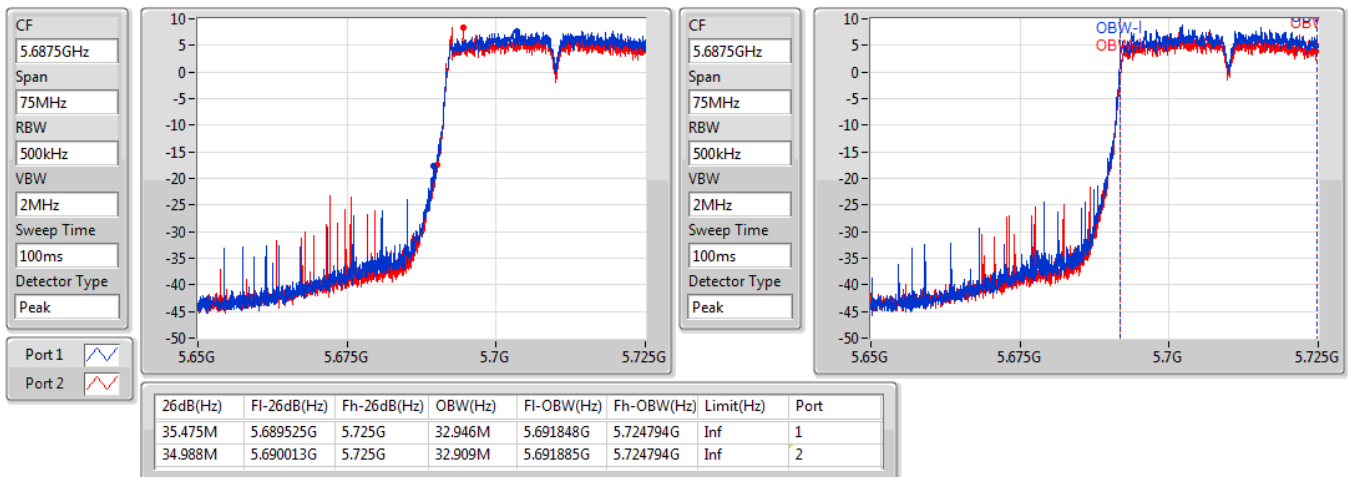


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

09/12/2019

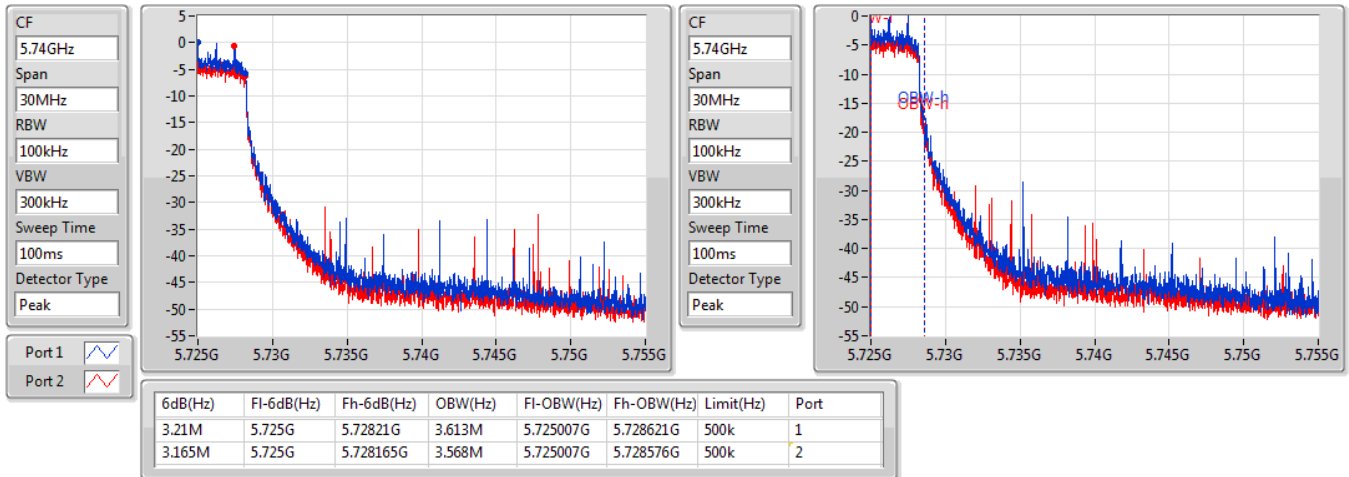

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

09/12/2019

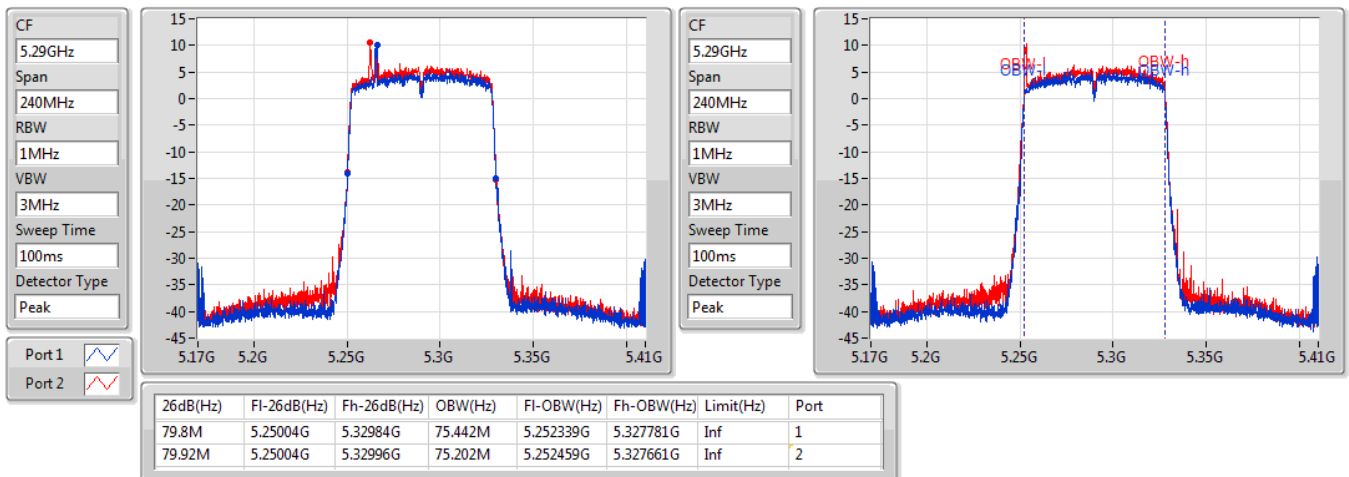


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

09/12/2019

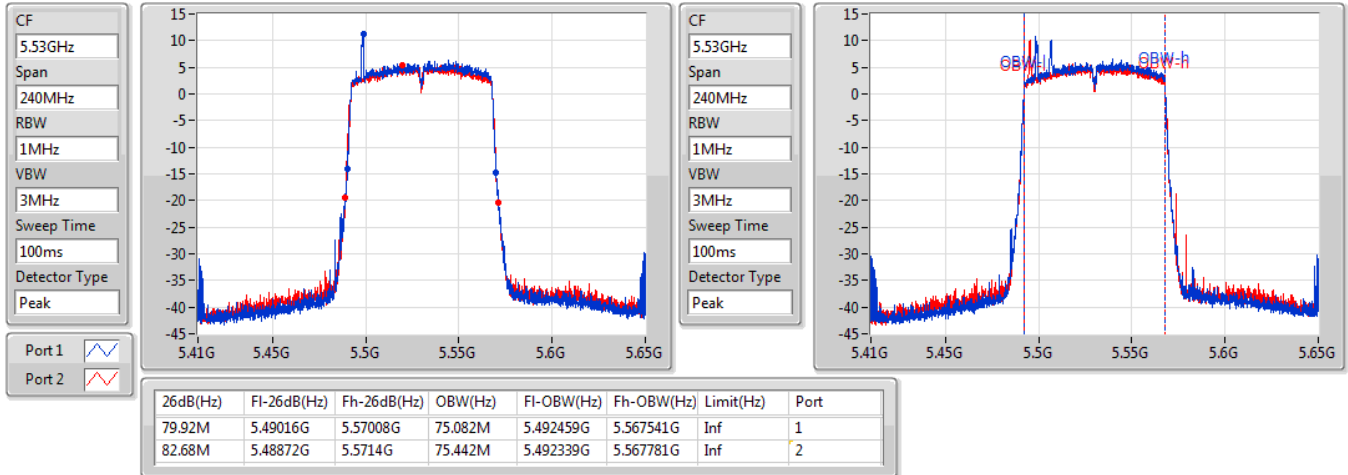

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

09/12/2019

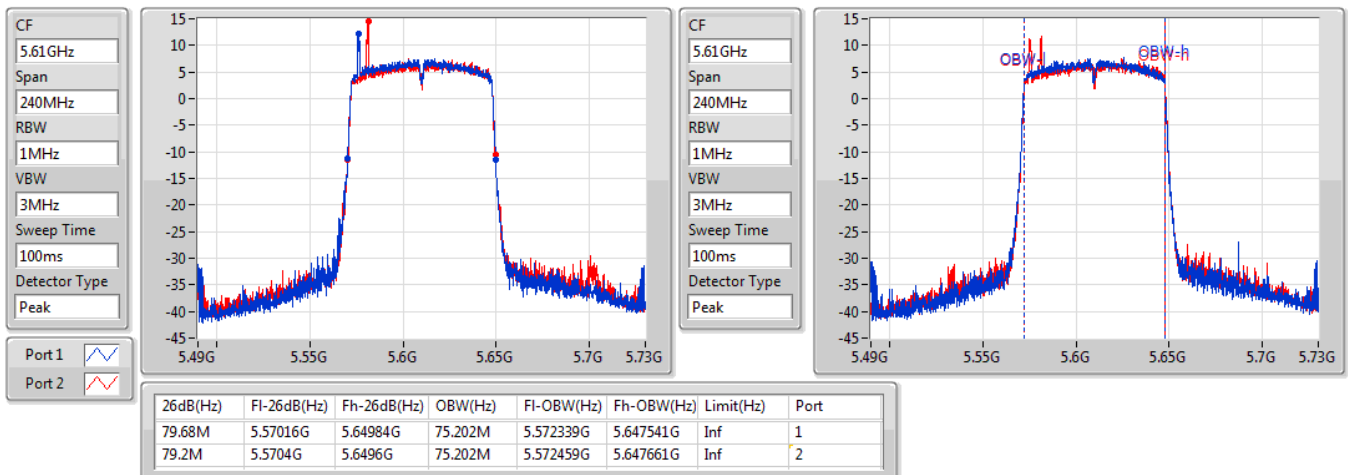


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

09/12/2019

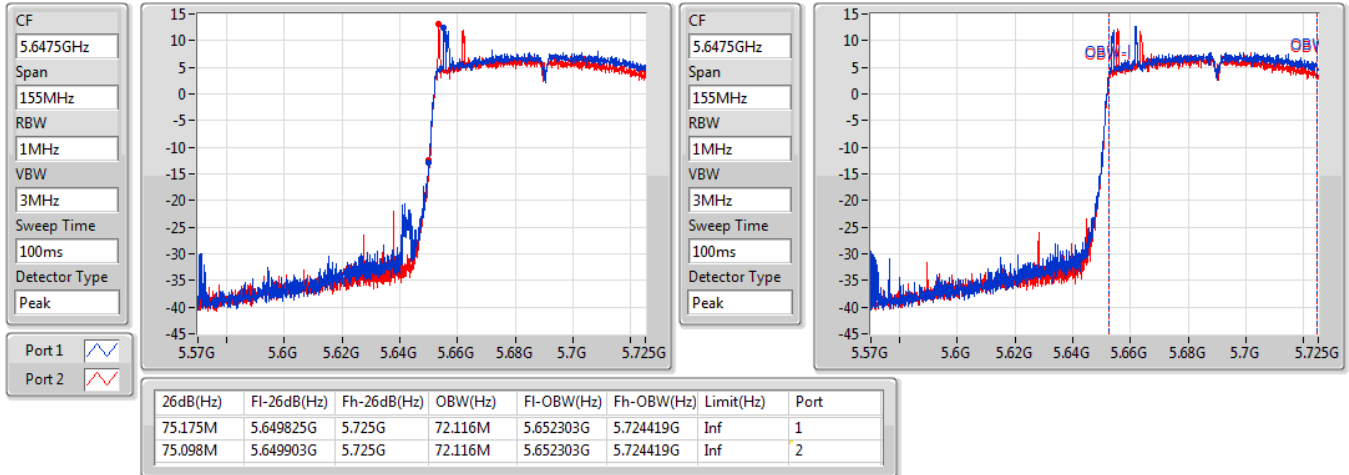

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

09/12/2019

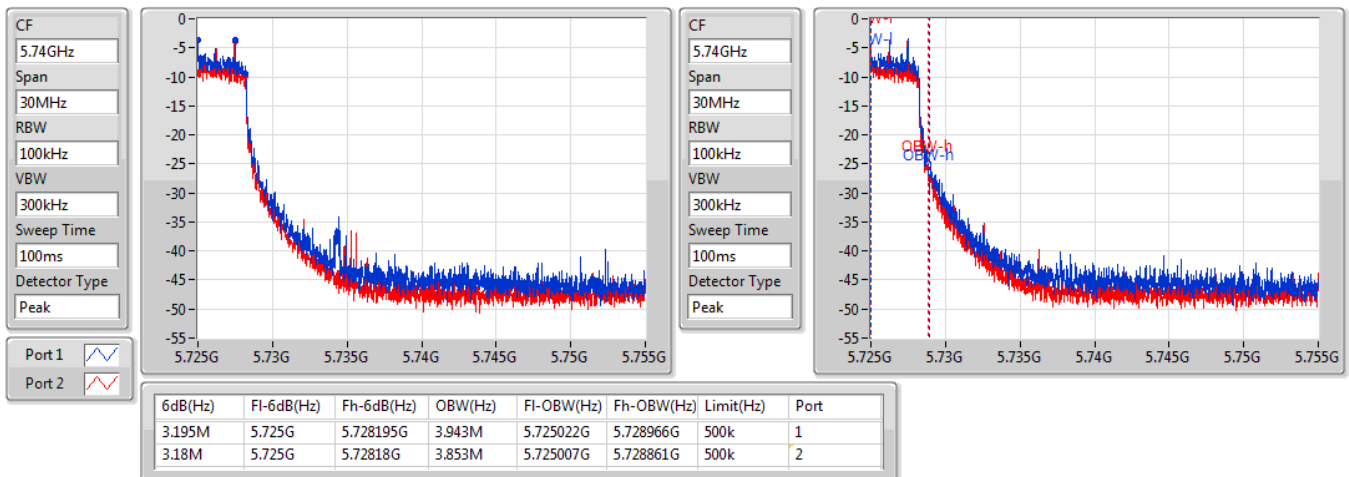


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

09/12/2019

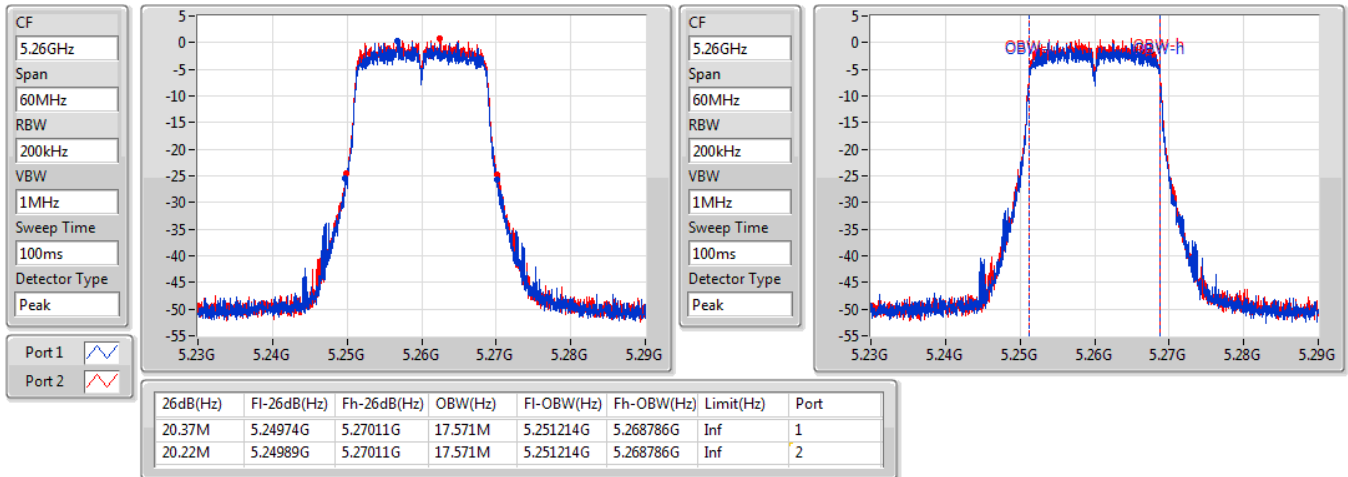

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

09/12/2019

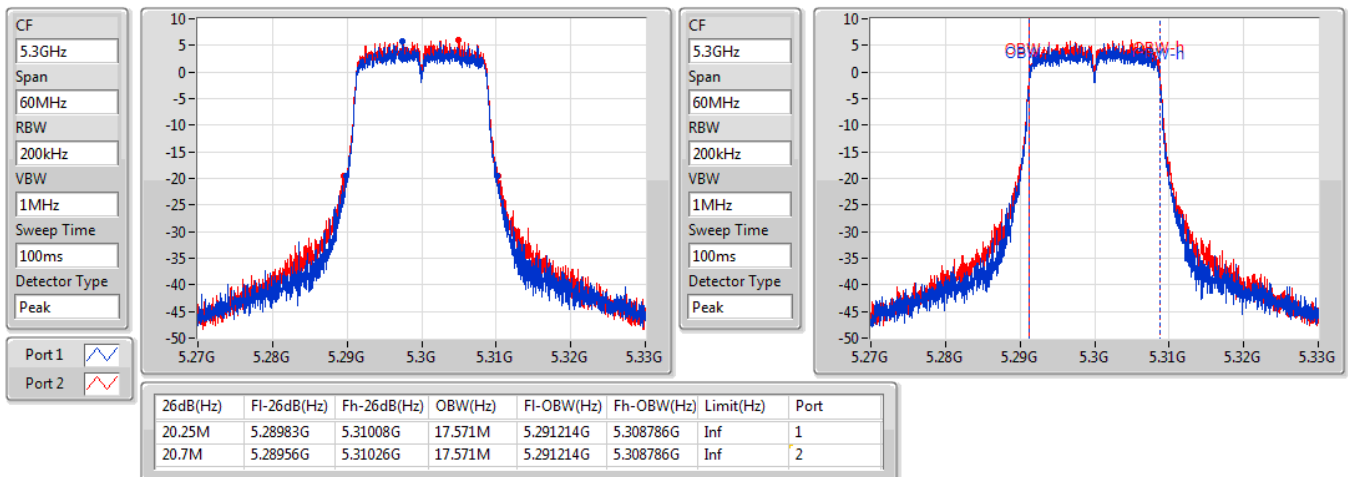


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

09/12/2019

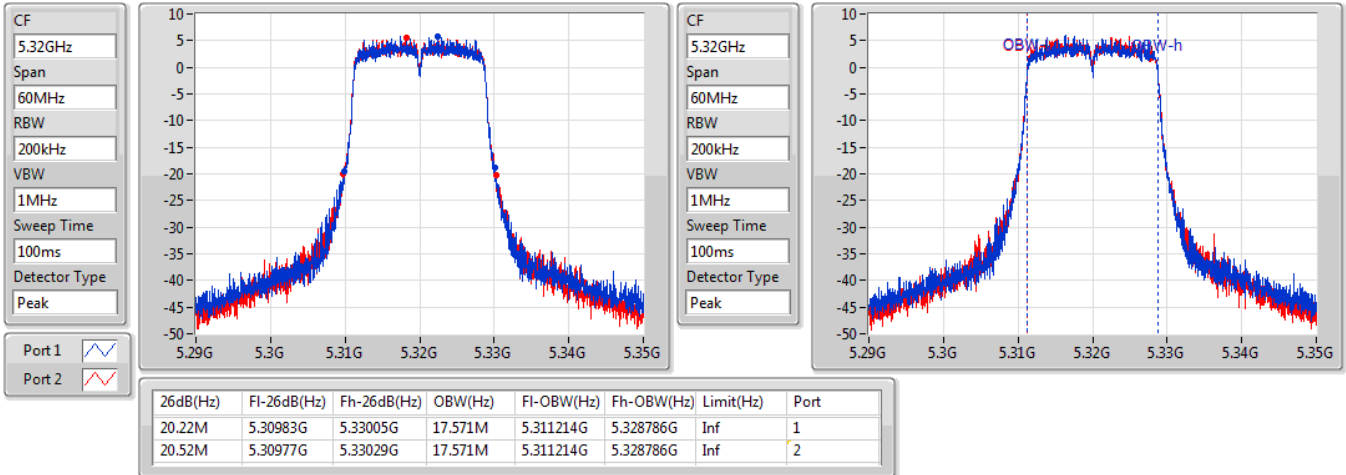

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

09/12/2019

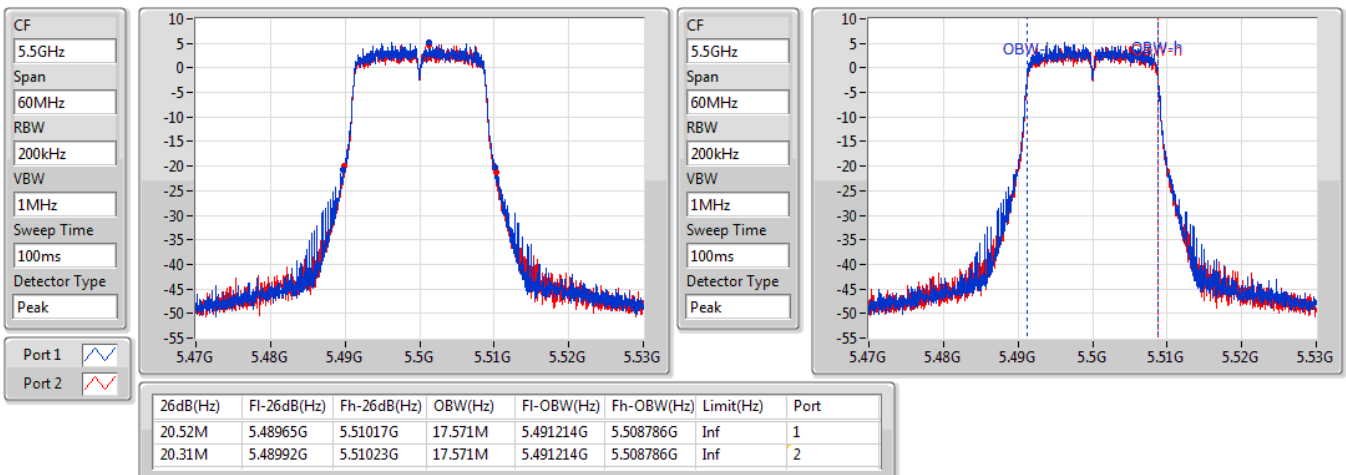


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

09/12/2019

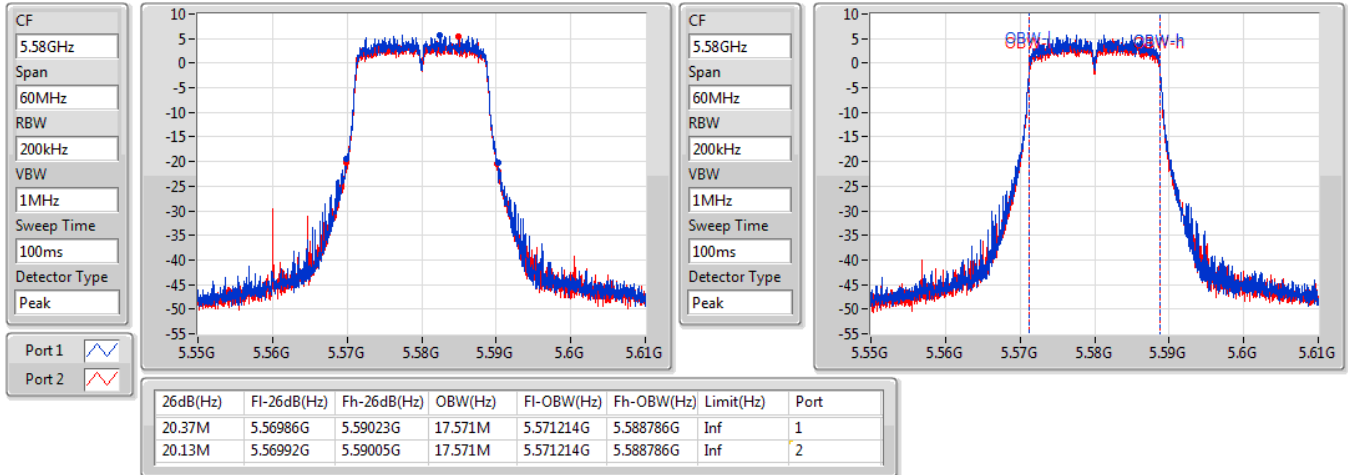

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

09/12/2019

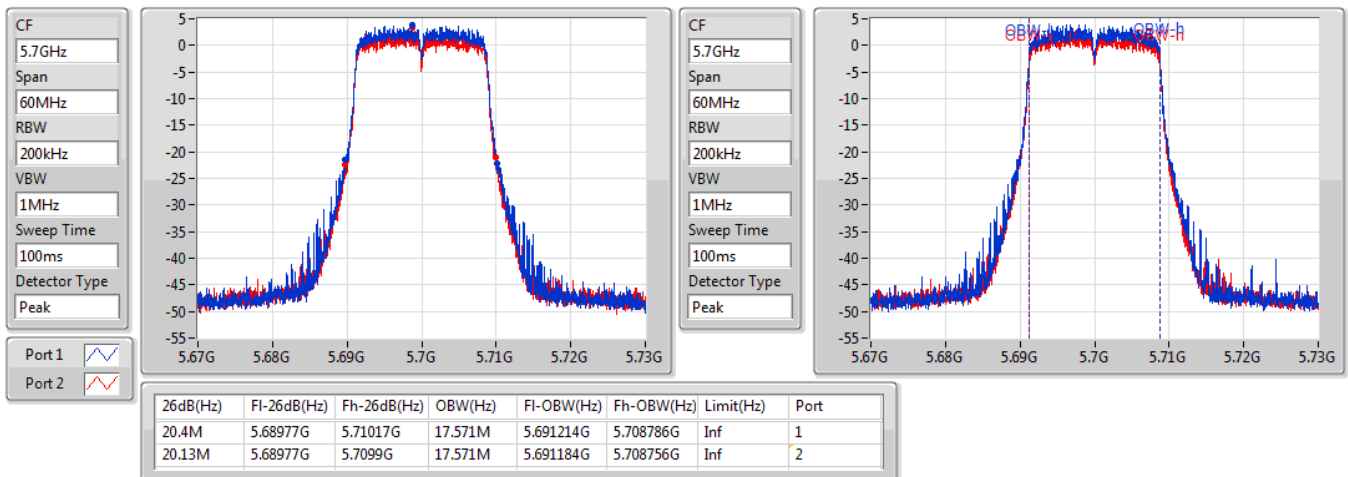


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

09/12/2019

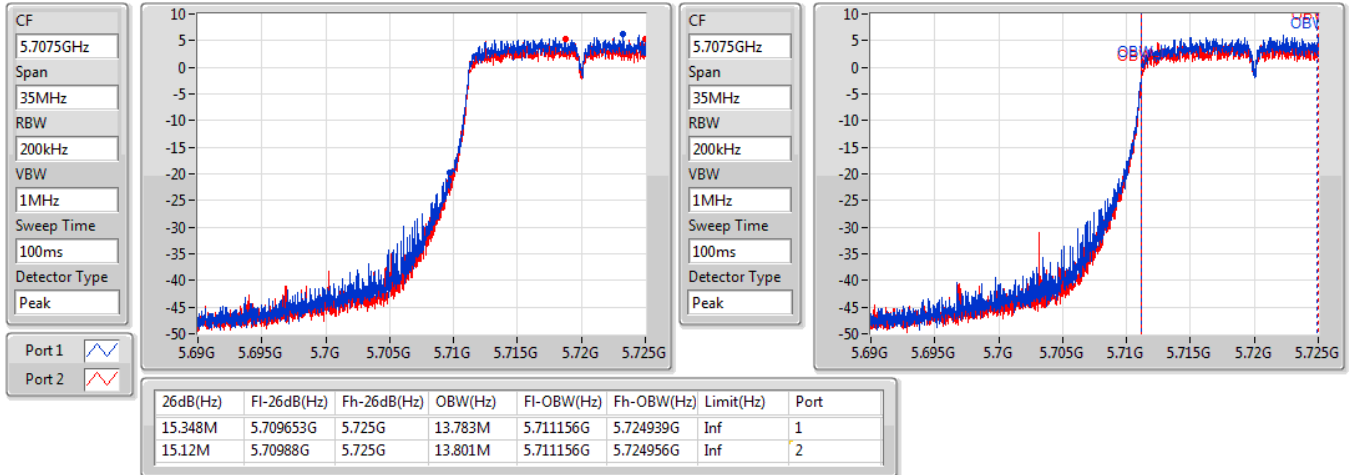

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

09/12/2019

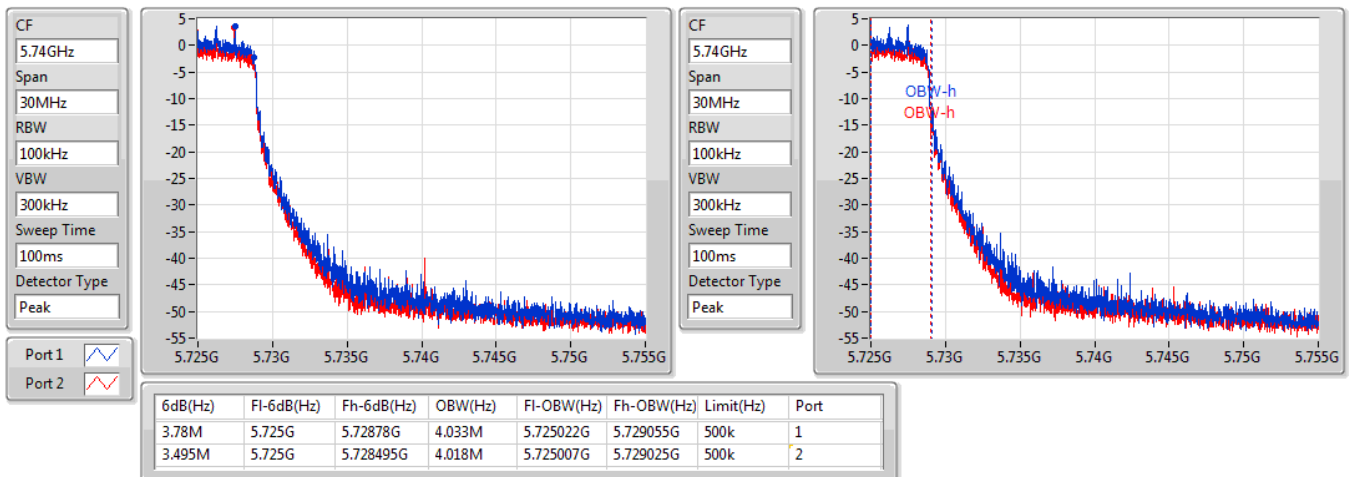


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

09/12/2019

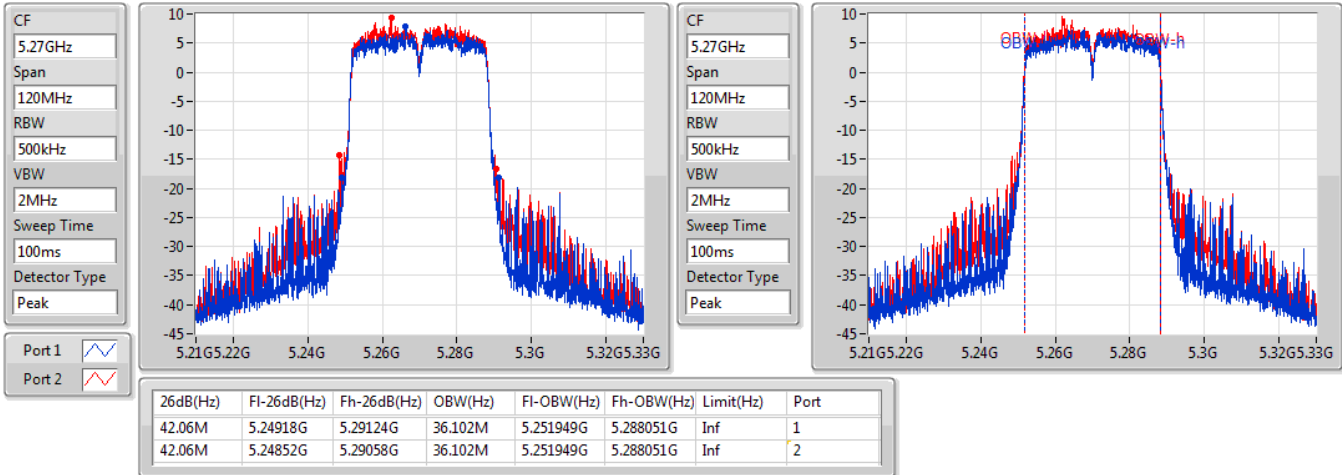

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

09/12/2019

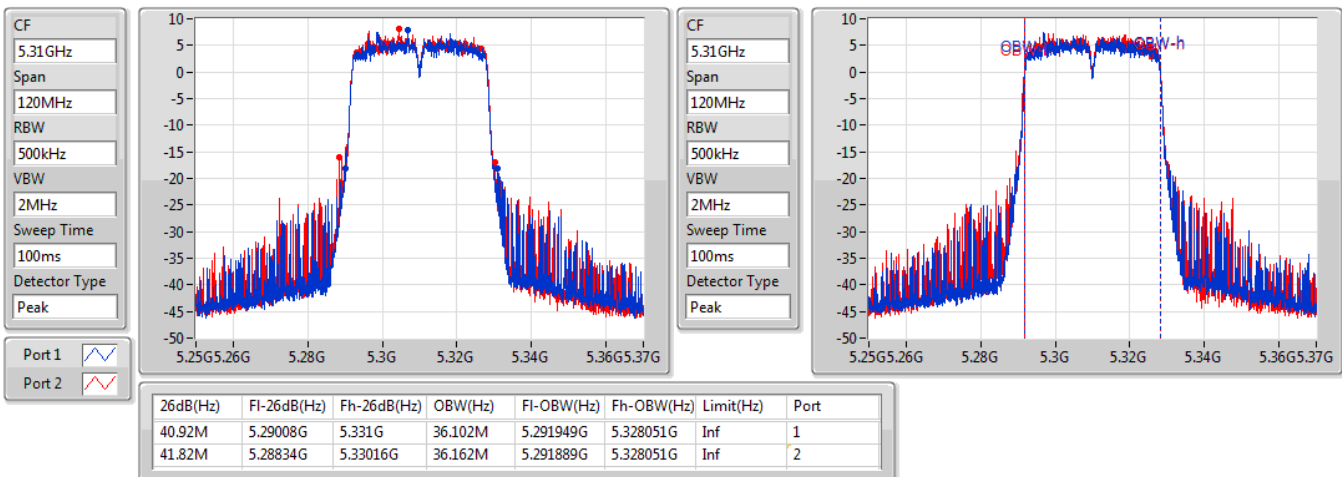


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

09/12/2019

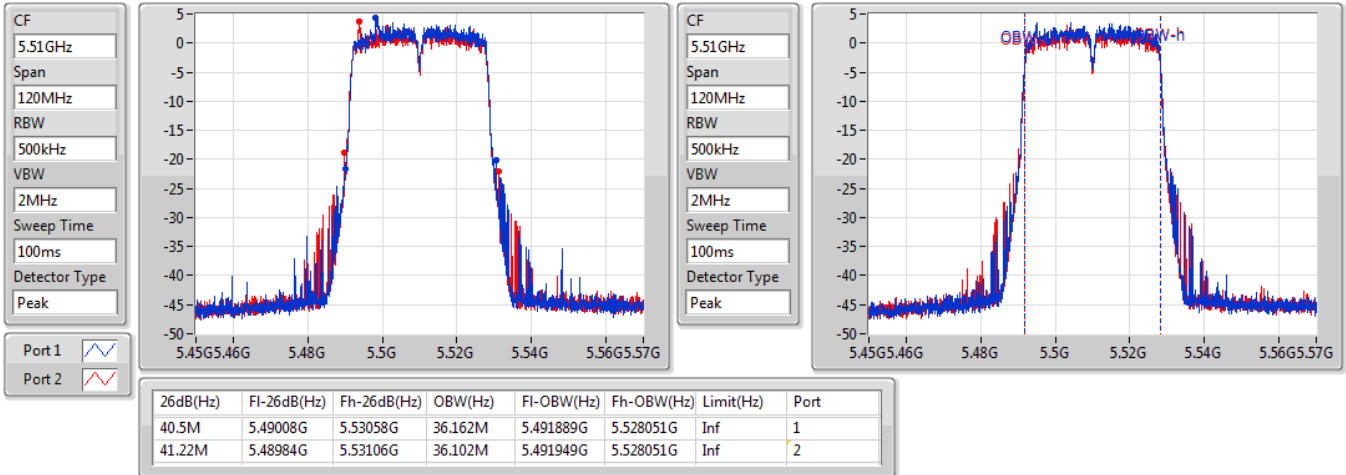

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

09/12/2019

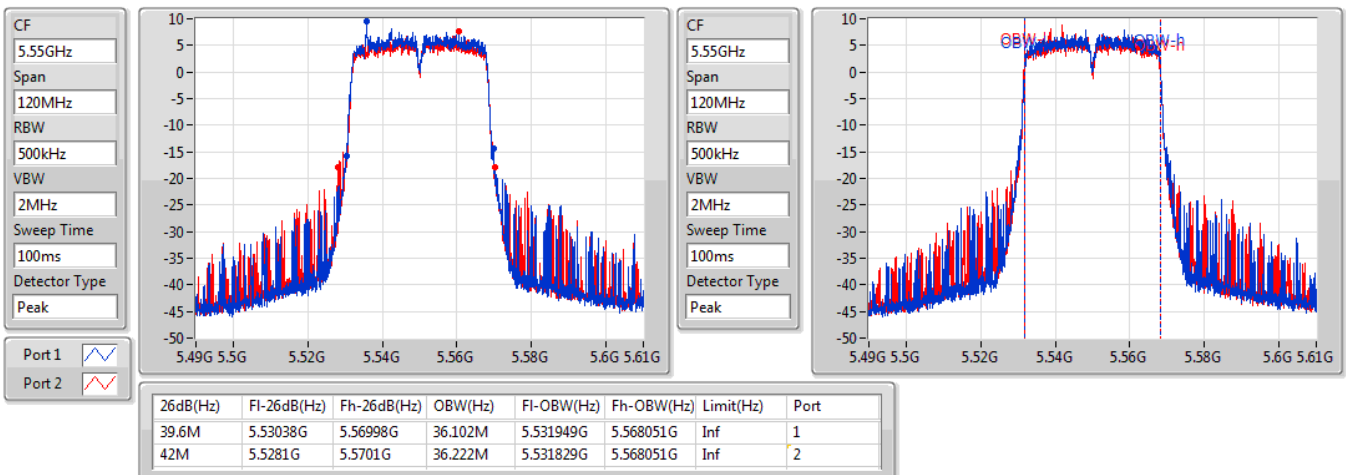


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

09/12/2019

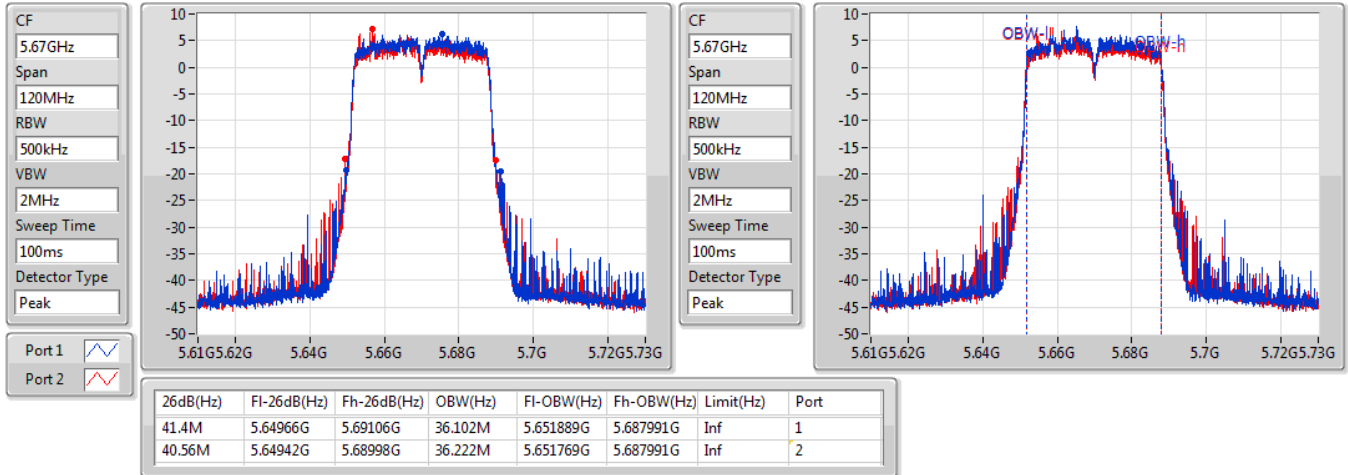

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

09/12/2019

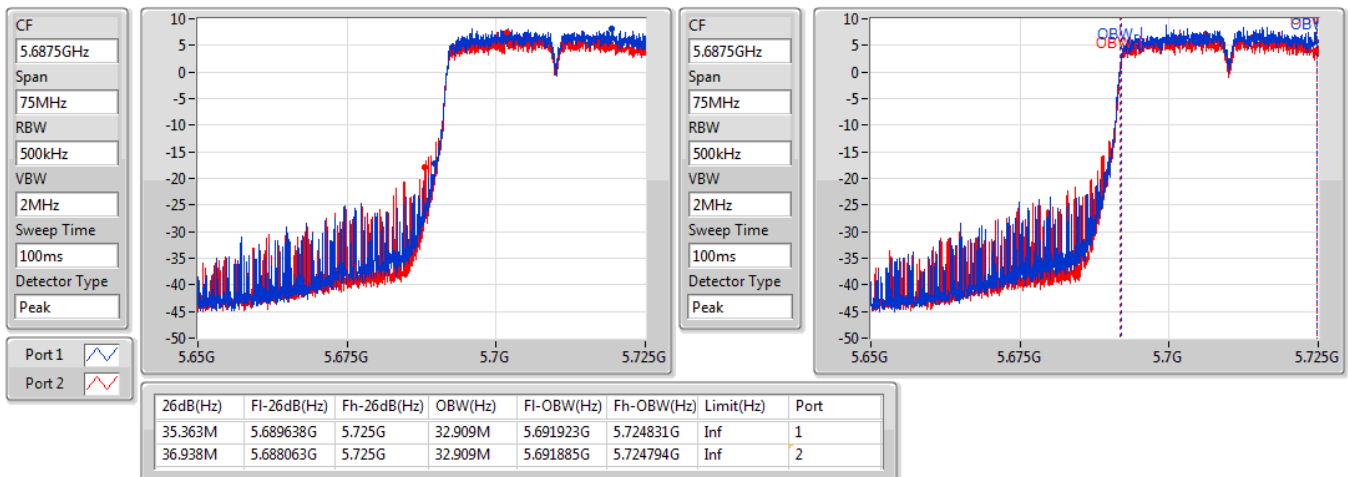


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

09/12/2019

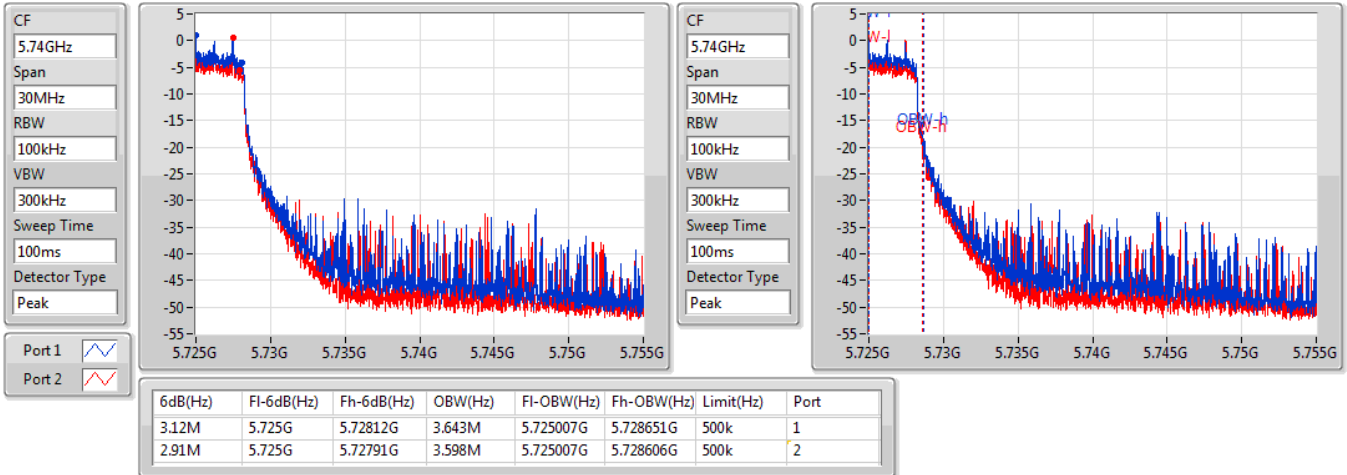

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

09/12/2019

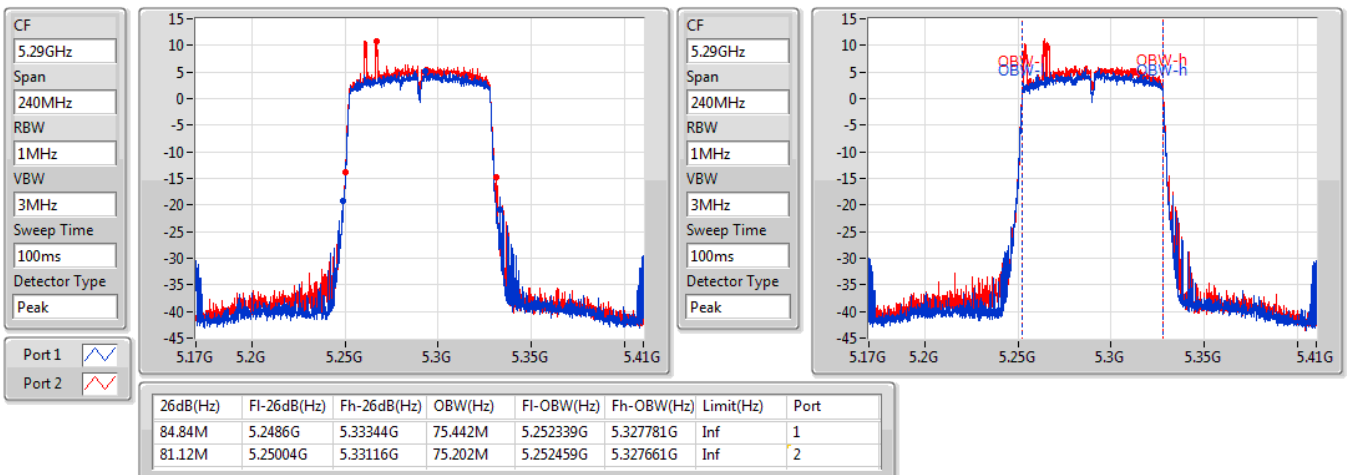


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

09/12/2019

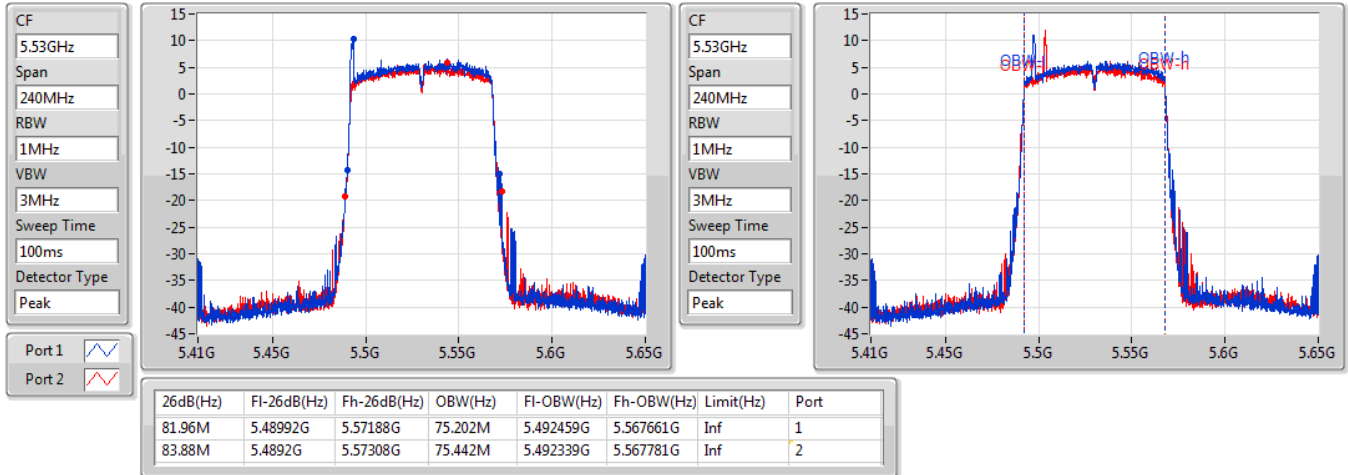

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

09/12/2019

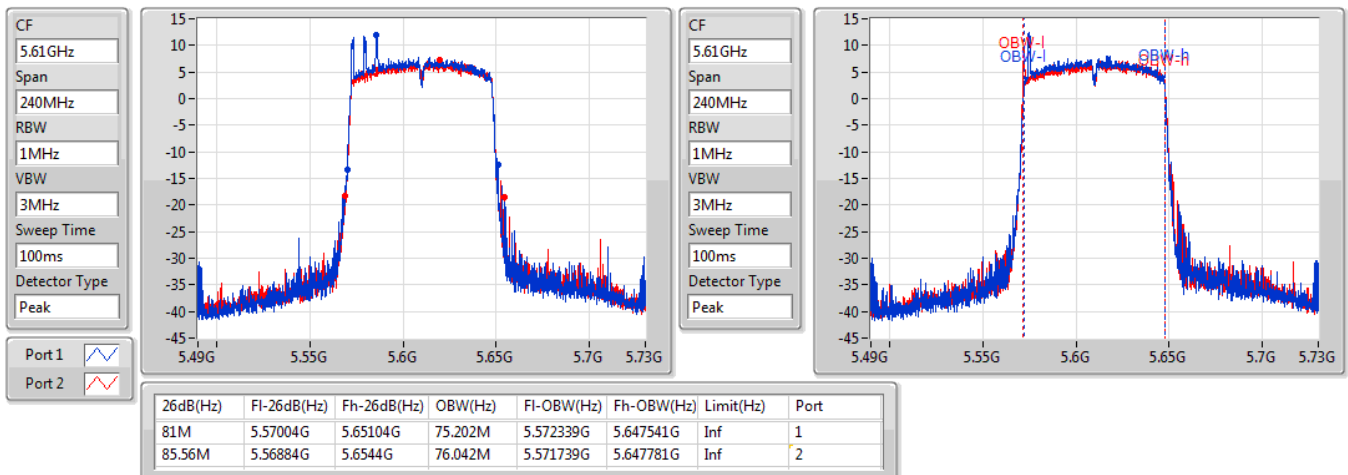


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

09/12/2019

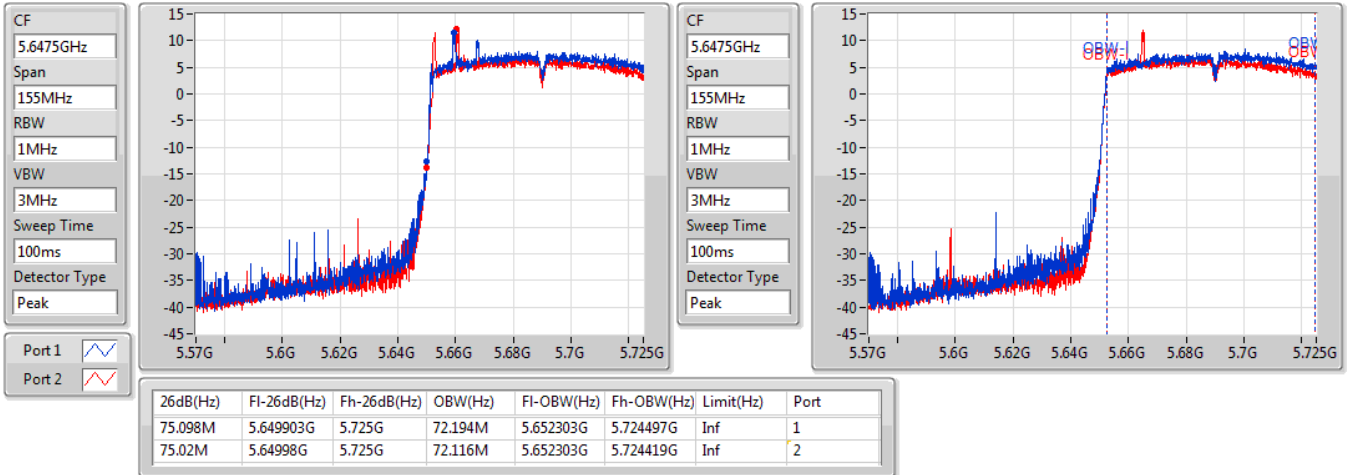

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

09/12/2019

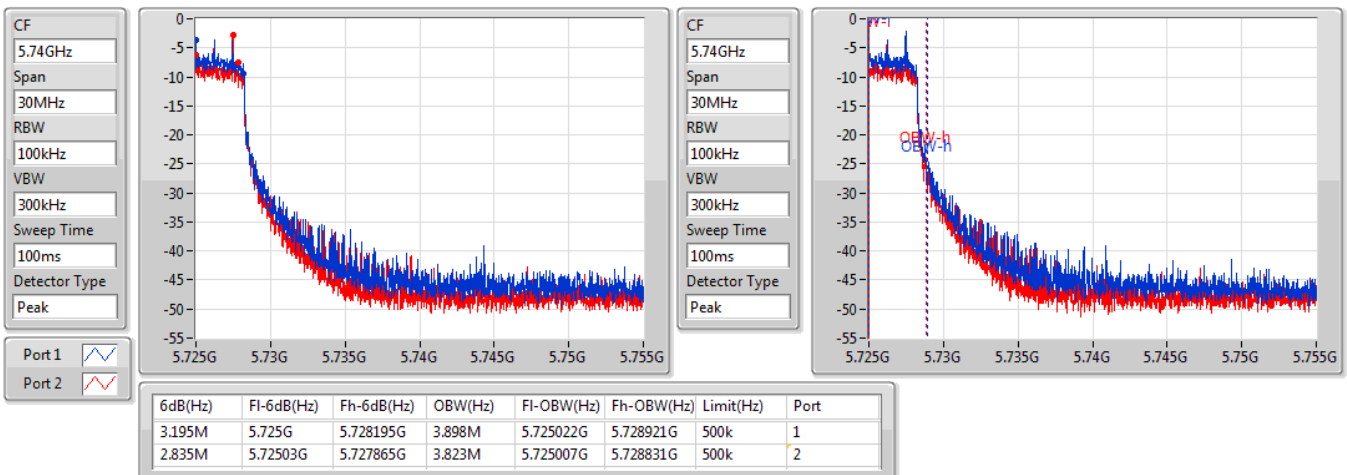


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

09/12/2019


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

09/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.64M	17.601M	17M6D1D	20.34M	17.571M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.86M	36.102M	36M1D1D	39.66M	35.982M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.24M	75.322M	75M3D1D	80.28M	75.082M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.52M	17.601M	17M6D1D	20.16M	17.571M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.44M	36.102M	36M1D1D	39.72M	36.042M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.92M	75.322M	75M3D1D	80.16M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.49M	17.601M	17M6D1D	15.208M	13.783M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.56M	36.102M	36M1D1D	35.213M	32.909M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.96M	75.922M	75M9D1D	75.098M	72.194M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.58M	17.571M	17M6D1D	15.225M	13.801M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.14M	36.162M	36M2D1D	35.175M	32.909M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.6M	75.922M	75M9D1D	75.408M	72.194M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.75M	4.018M	4M02D1D	3.735M	3.988M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.18M	3.553M	3M55D1D	3.18M	3.508M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.195M	3.853M	3M85D1D	3.18M	3.823M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.765M	4.033M	4M03D1D	3.735M	4.018M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.195M	3.538M	3M54D1D	3.165M	3.538M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.195M	3.913M	3M91D1D	3.18M	3.793M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.55M	17.601M	20.37M	17.571M
5300MHz_TnomVnom	Pass	Inf	20.34M	17.571M	20.64M	17.571M
5320MHz_TnomVnom	Pass	Inf	20.37M	17.571M	20.49M	17.571M
5500MHz_TnomVnom	Pass	Inf	20.13M	17.601M	20.37M	17.571M
5580MHz_TnomVnom	Pass	Inf	20.37M	17.601M	20.46M	17.541M
5700MHz_TnomVnom	Pass	Inf	20.49M	17.571M	20.07M	17.571M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.208M	13.783M	15.26M	13.818M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.75M	3.988M	3.735M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.86M	36.102M	40.08M	36.042M
5310MHz_TnomVnom	Pass	Inf	40.74M	35.982M	39.66M	36.042M
5510MHz_TnomVnom	Pass	Inf	40.56M	36.102M	40.2M	36.102M
5550MHz_TnomVnom	Pass	Inf	40.26M	35.982M	40.2M	36.102M
5670MHz_TnomVnom	Pass	Inf	40.32M	36.042M	39.96M	36.042M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.25M	32.909M	35.213M	32.909M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.18M	3.508M	3.18M	3.553M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	80.28M	75.322M	81.24M	75.082M
5530MHz_TnomVnom	Pass	Inf	81.96M	75.922M	81.72M	75.322M
5610MHz_TnomVnom	Pass	Inf	80.04M	75.322M	79.92M	75.322M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.098M	72.194M	75.33M	72.194M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.195M	3.853M	3.18M	3.823M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20.16M	17.571M	20.31M	17.571M
5300MHz_TnomVnom	Pass	Inf	20.16M	17.601M	20.52M	17.571M
5320MHz_TnomVnom	Pass	Inf	20.19M	17.571M	20.46M	17.571M
5500MHz_TnomVnom	Pass	Inf	20.43M	17.571M	20.22M	17.571M
5580MHz_TnomVnom	Pass	Inf	20.31M	17.571M	20.46M	17.571M
5700MHz_TnomVnom	Pass	Inf	20.58M	17.571M	20.31M	17.571M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.225M	13.818M	15.33M	13.801M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.765M	4.018M	3.735M	4.033M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	40.44M	36.042M	39.84M	36.042M
5310MHz_TnomVnom	Pass	Inf	39.72M	36.042M	39.72M	36.102M
5510MHz_TnomVnom	Pass	Inf	39.84M	35.982M	39.84M	36.042M
5550MHz_TnomVnom	Pass	Inf	40.14M	36.102M	39.3M	36.102M
5670MHz_TnomVnom	Pass	Inf	39.84M	36.162M	39.12M	36.042M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.175M	32.946M	35.925M	32.909M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.195M	3.538M	3.165M	3.538M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	80.16M	75.202M	82.92M	75.322M
5530MHz_TnomVnom	Pass	Inf	80.64M	75.322M	81.6M	75.322M
5610MHz_TnomVnom	Pass	Inf	79.92M	75.922M	79.32M	75.322M



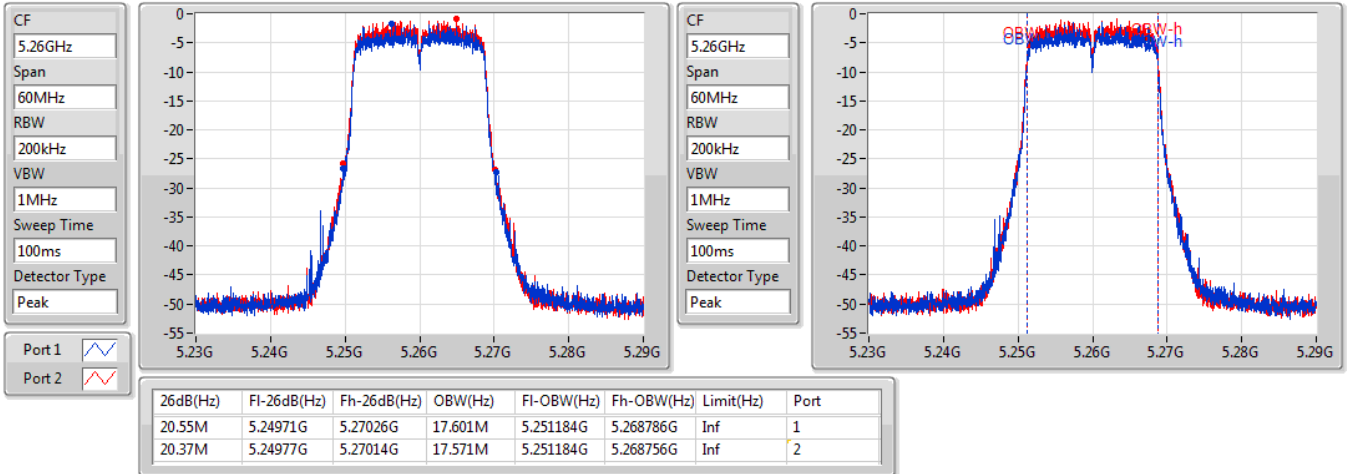
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.95M	72.194M	75.408M	72.659M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.195M	3.793M	3.18M	3.913M

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

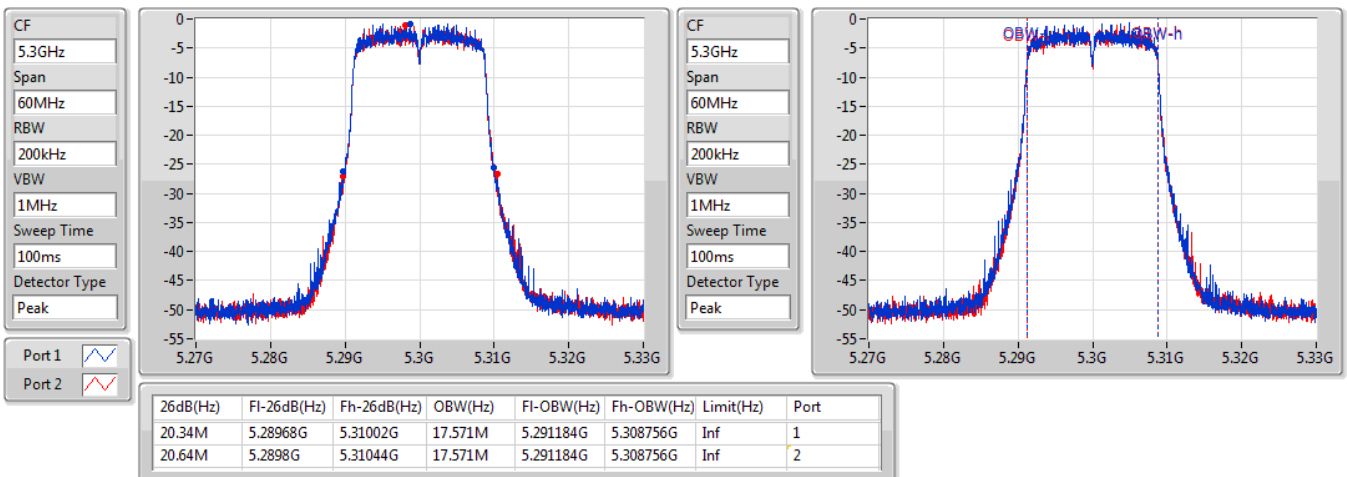
Port X-OBW = Port X 99% occupied bandwidth;

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

08/12/2019

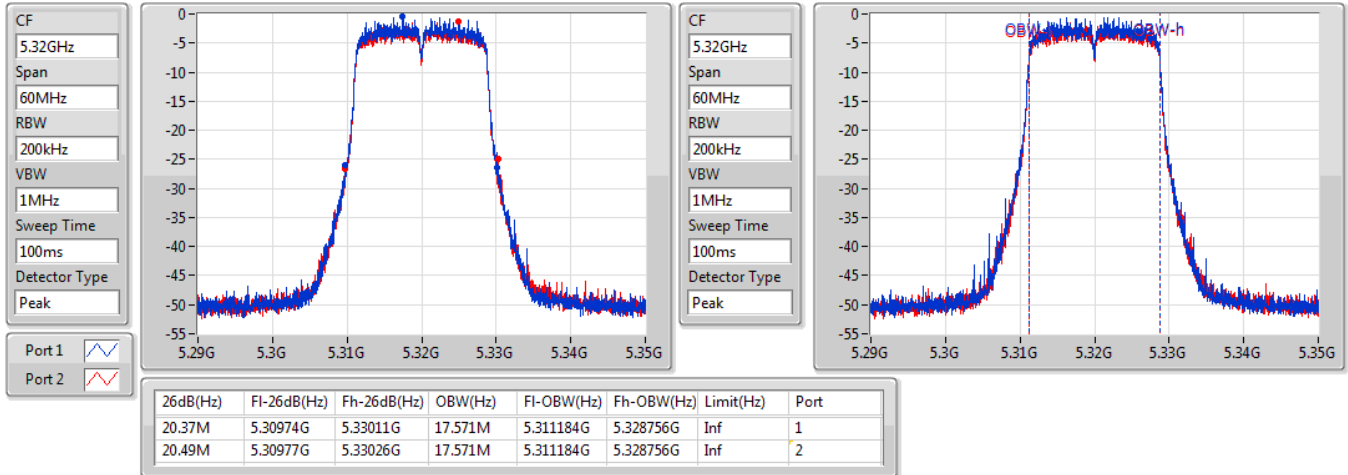

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

08/12/2019

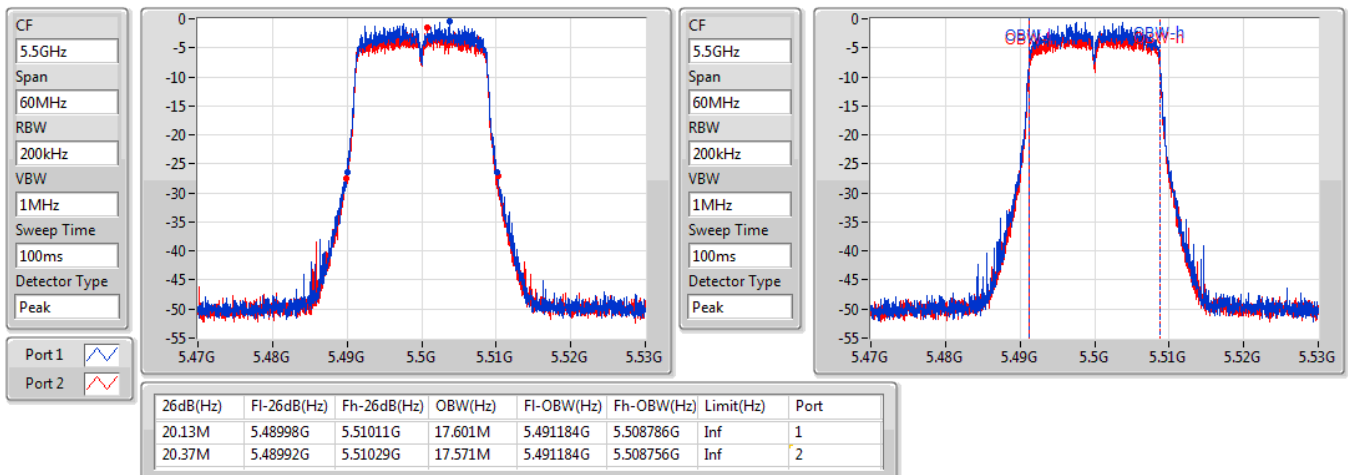


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

08/12/2019

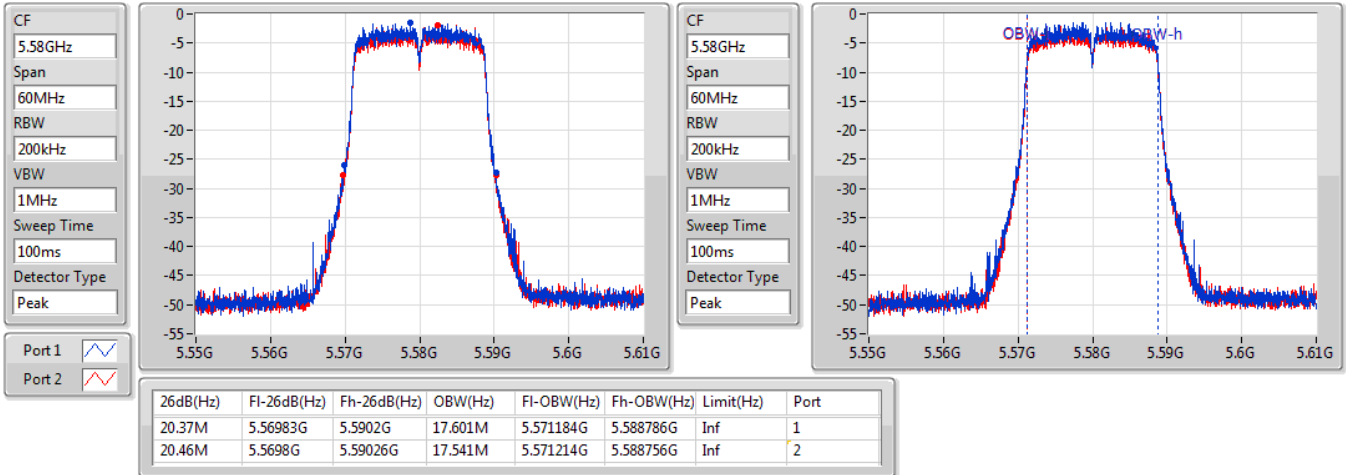

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

08/12/2019

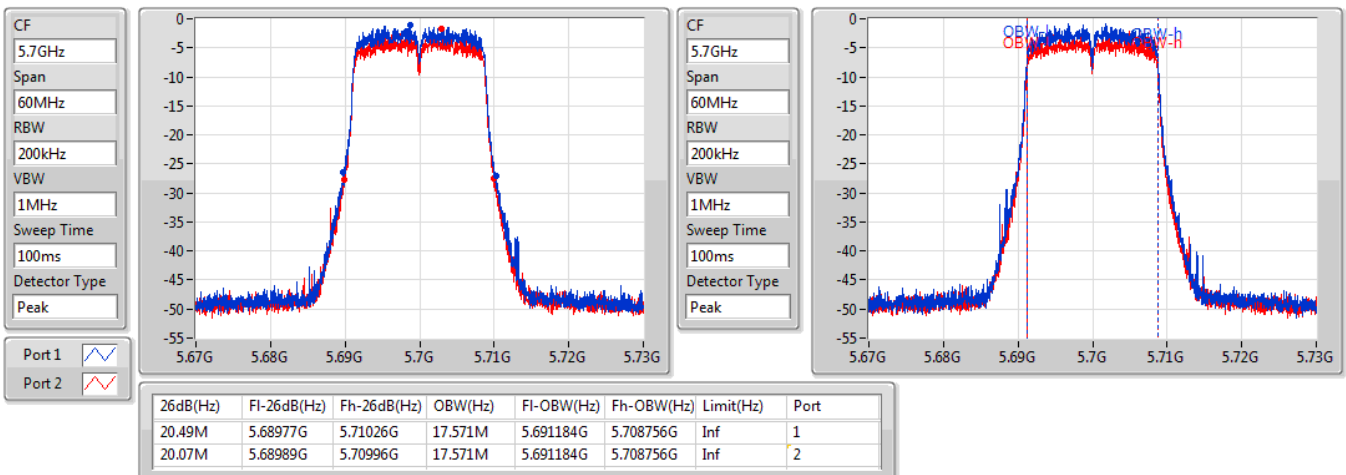


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

08/12/2019

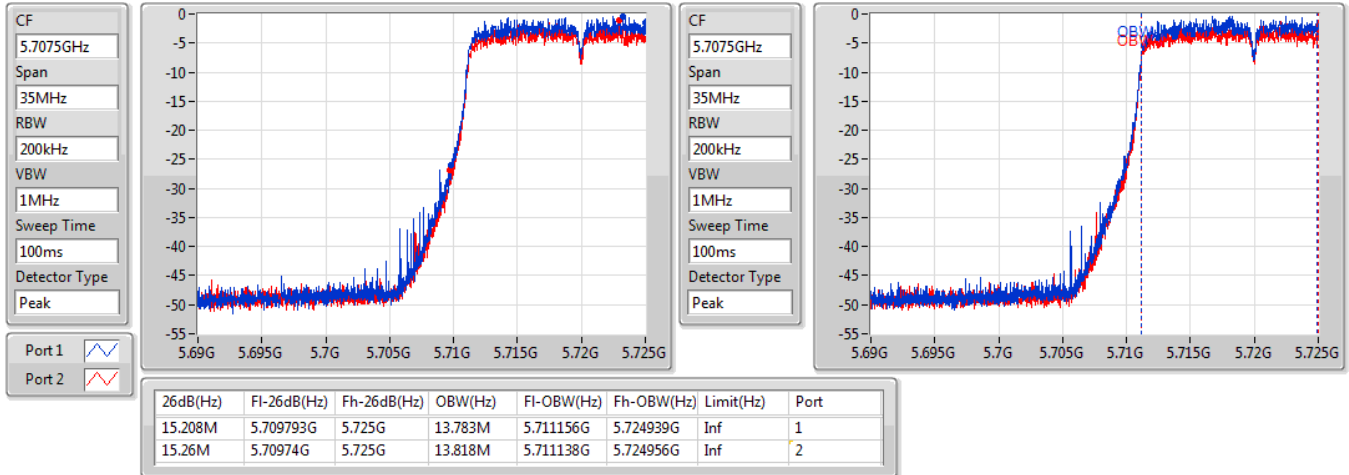

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

08/12/2019

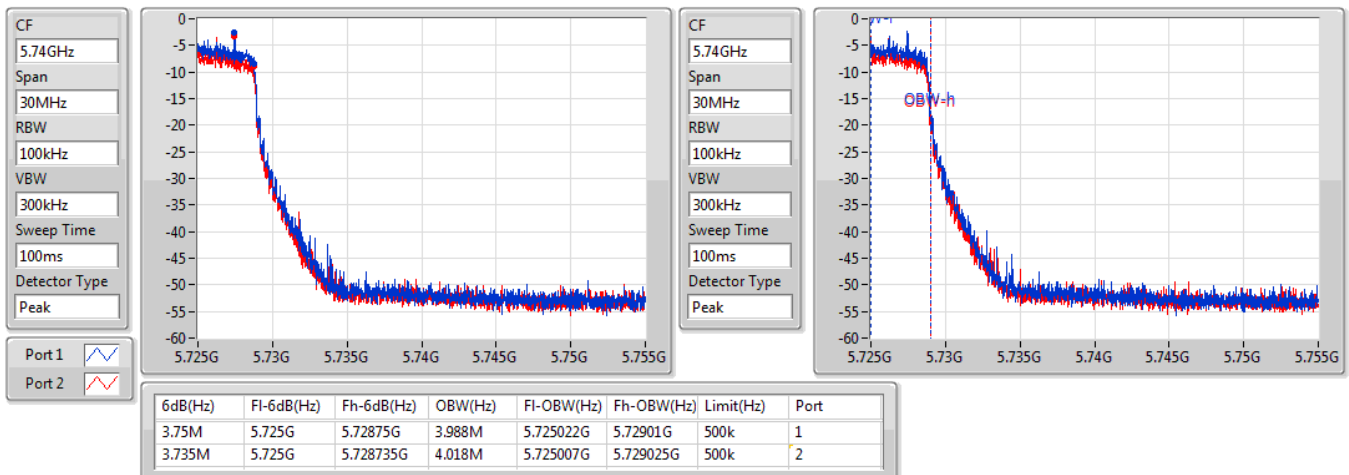


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

08/12/2019

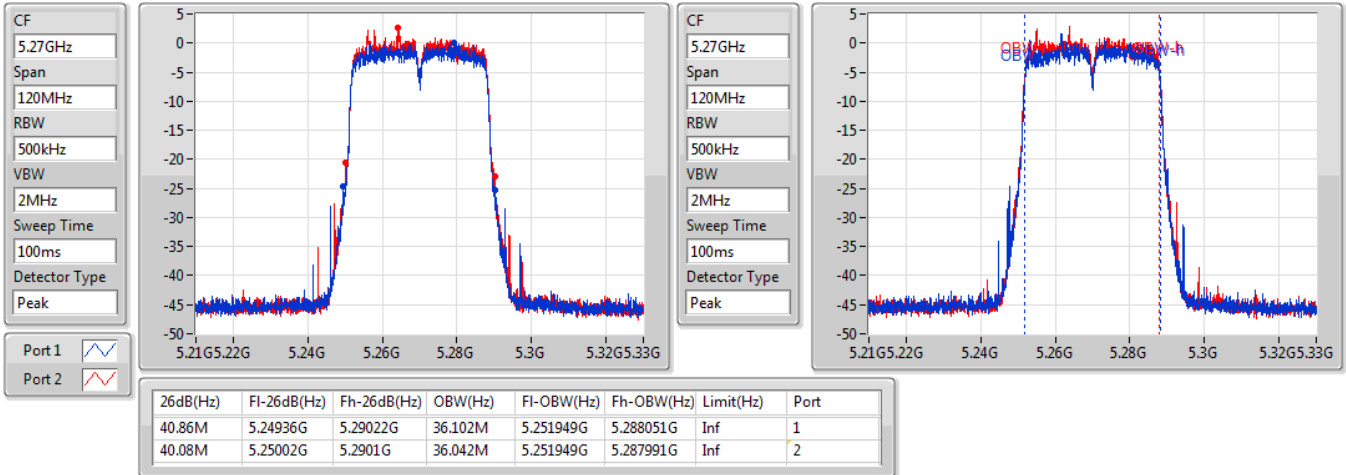

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

08/12/2019

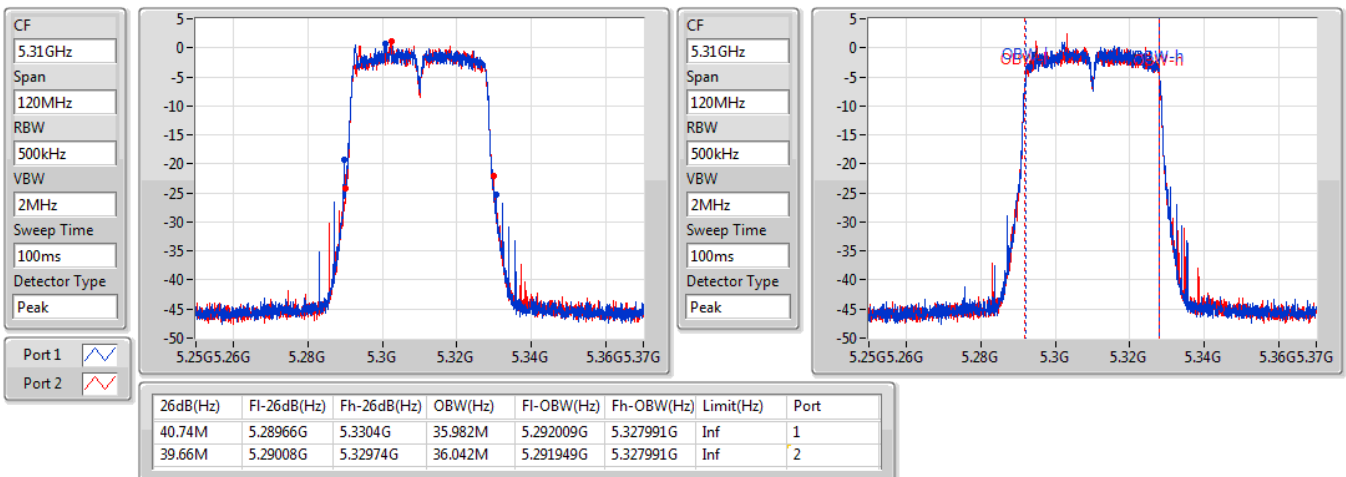


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

08/12/2019

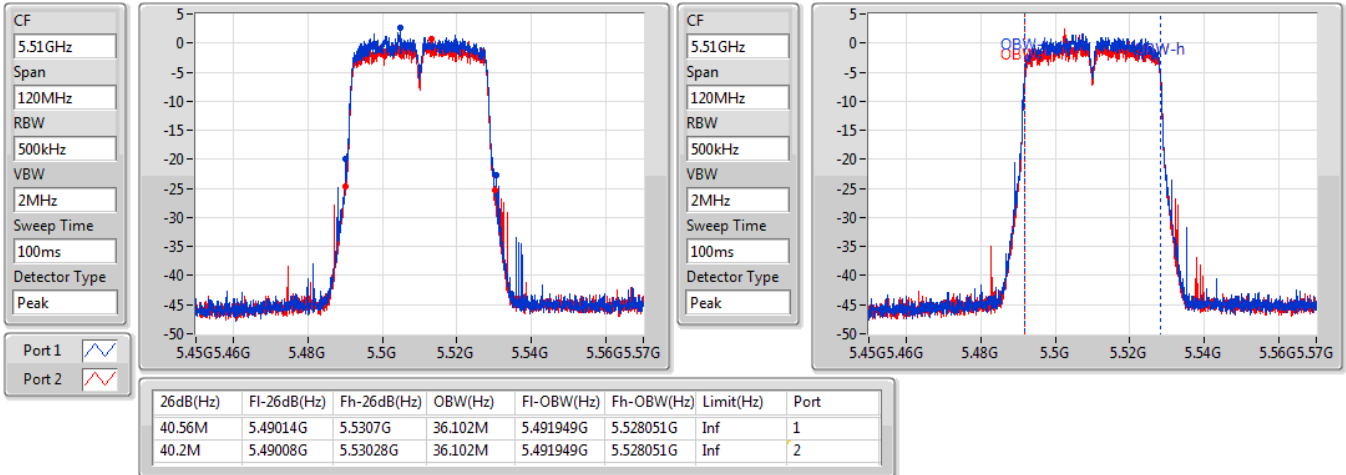

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

08/12/2019

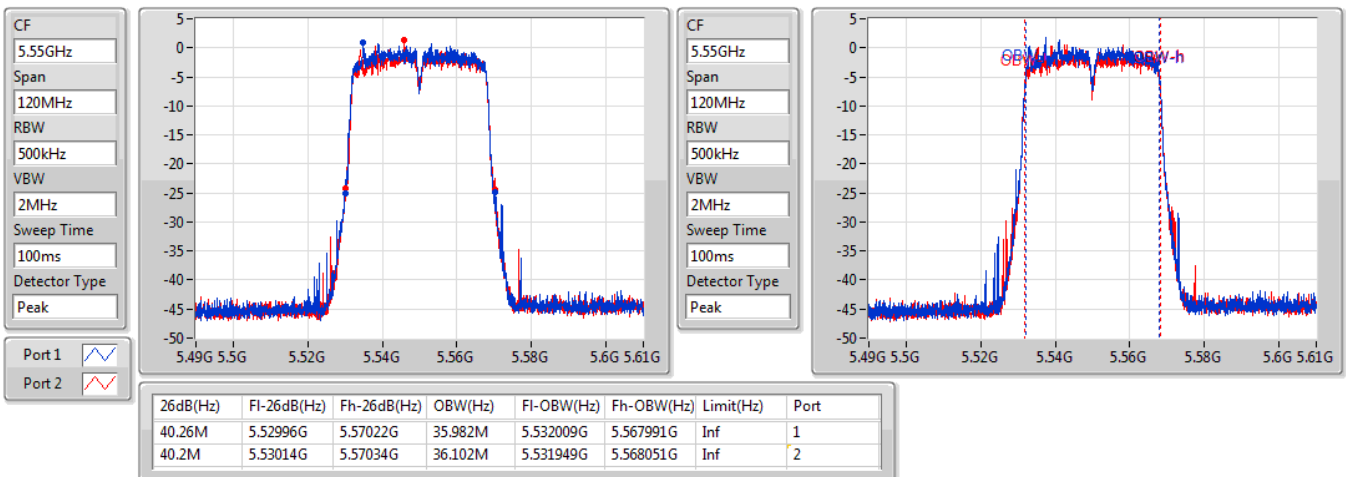


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

08/12/2019

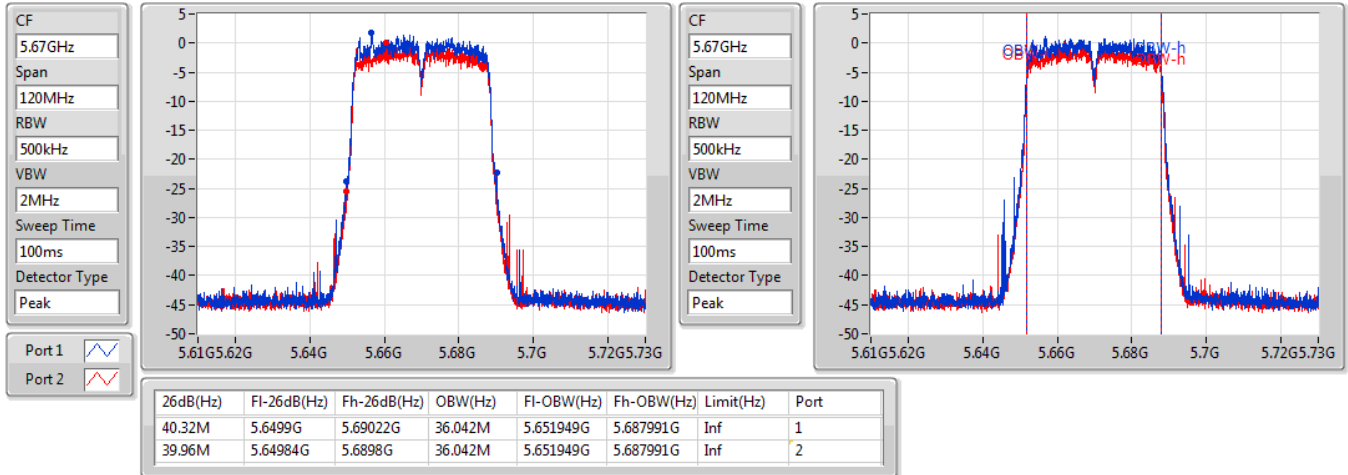

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

08/12/2019

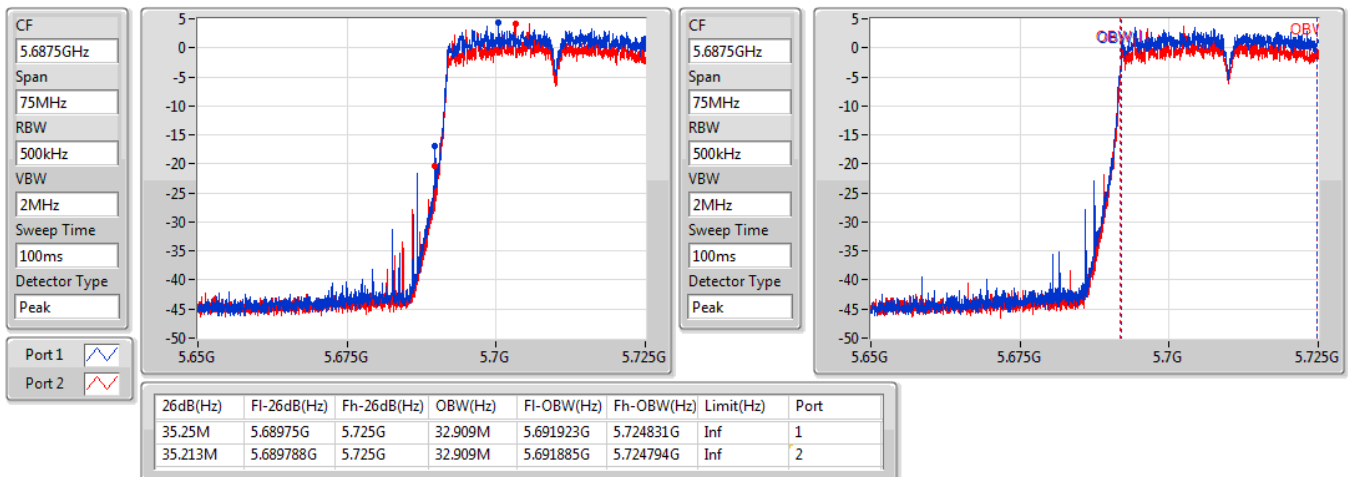


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

08/12/2019

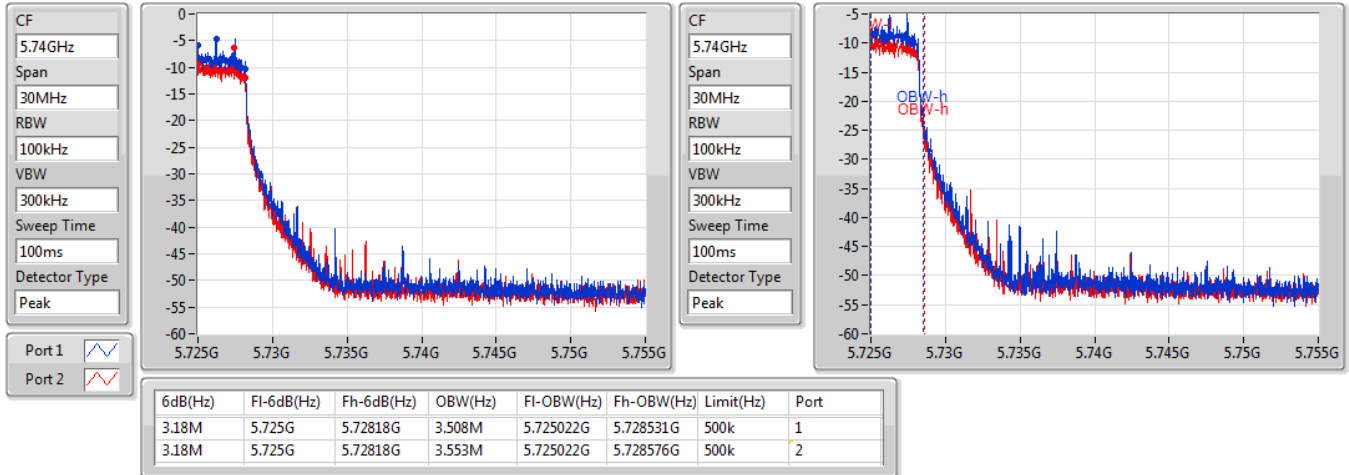

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

08/12/2019

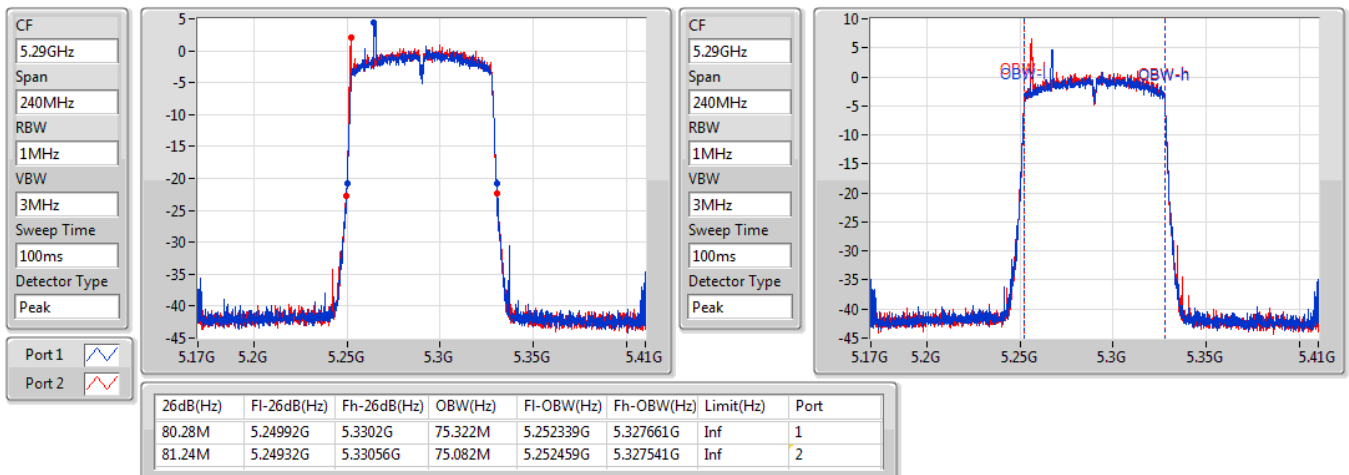


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

08/12/2019

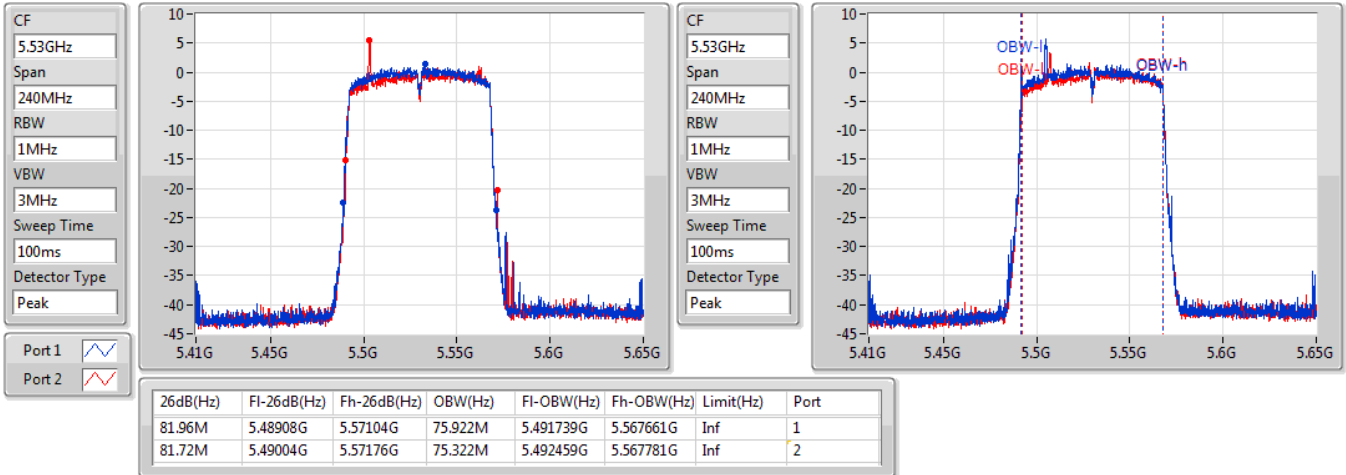

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

08/12/2019

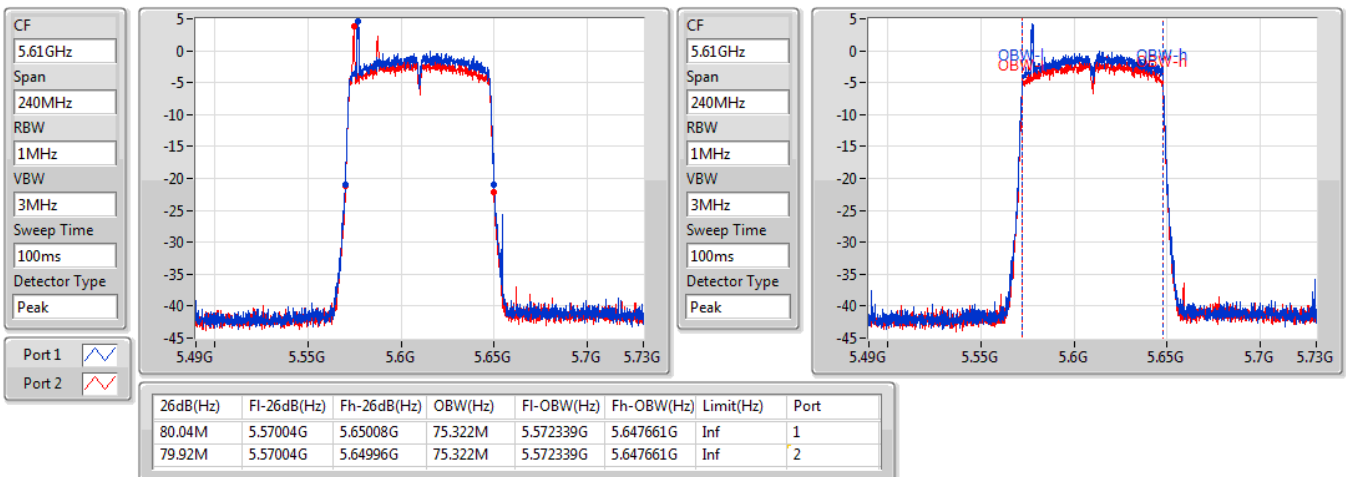


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

08/12/2019

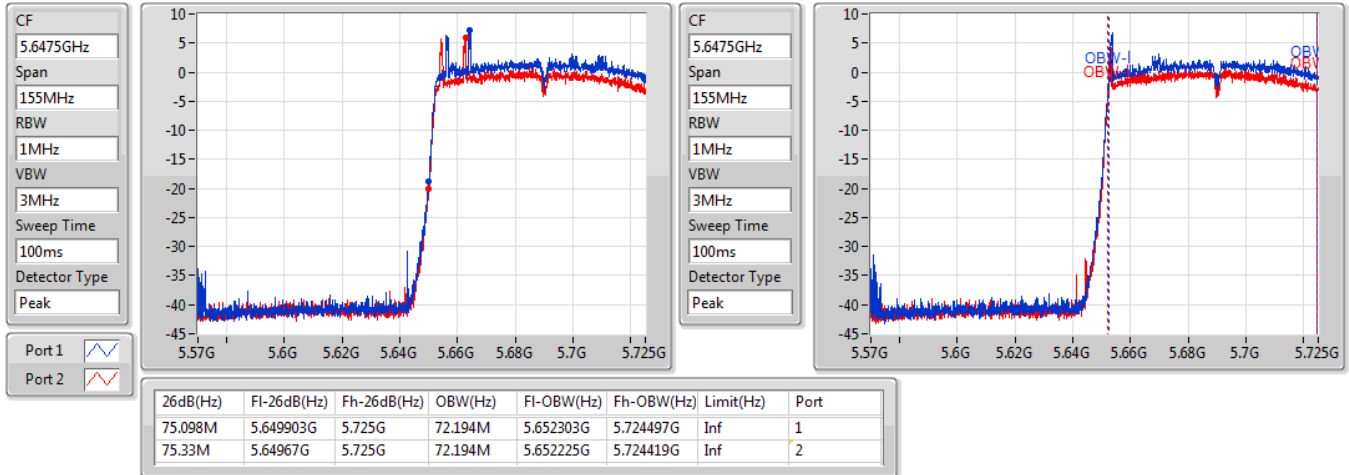

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

08/12/2019

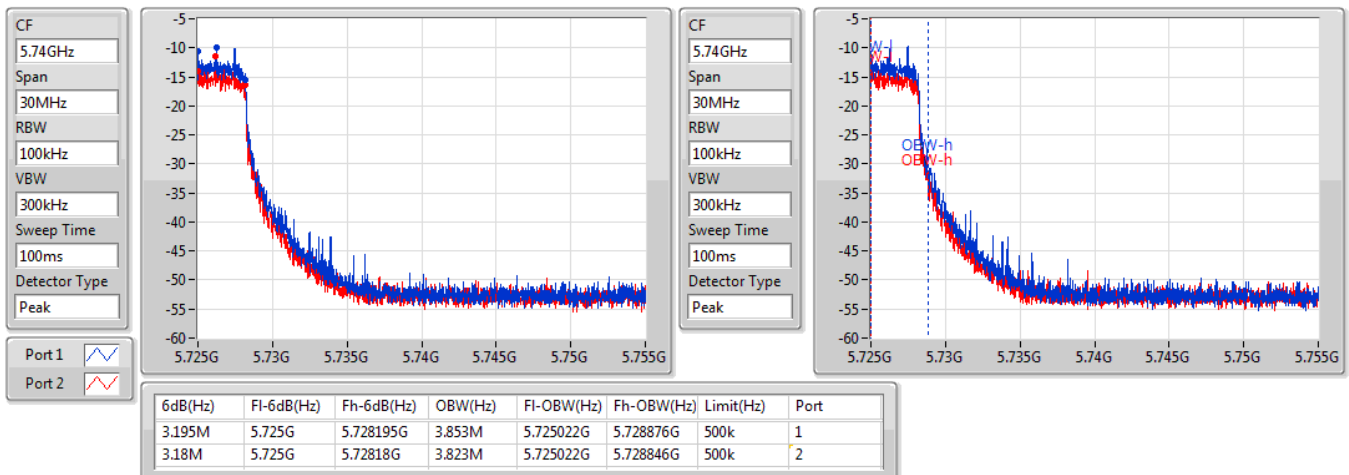


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

08/12/2019

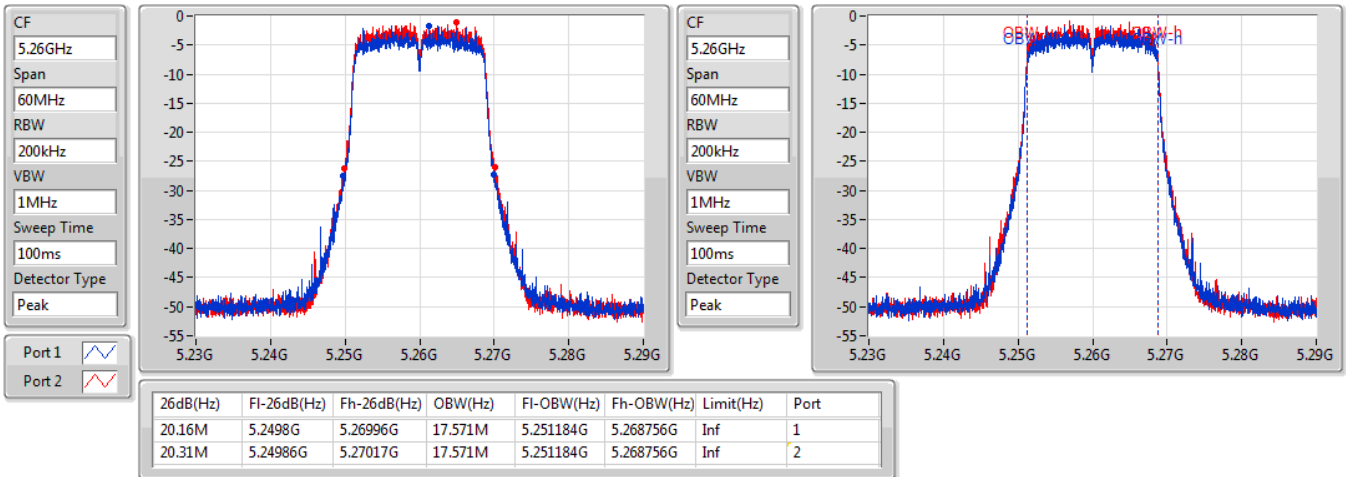

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

08/12/2019

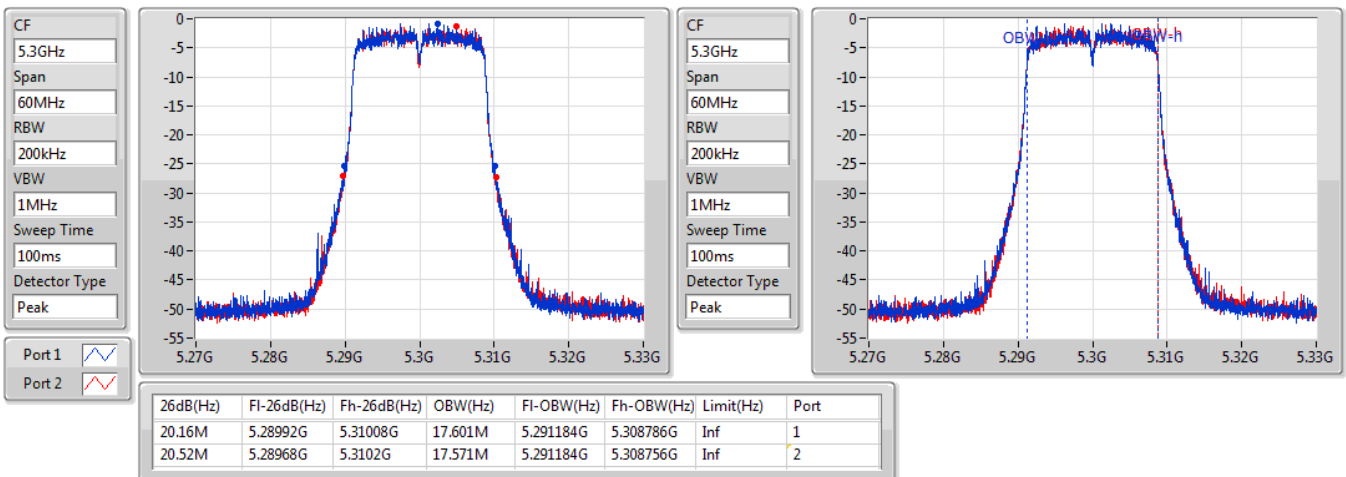


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

08/12/2019

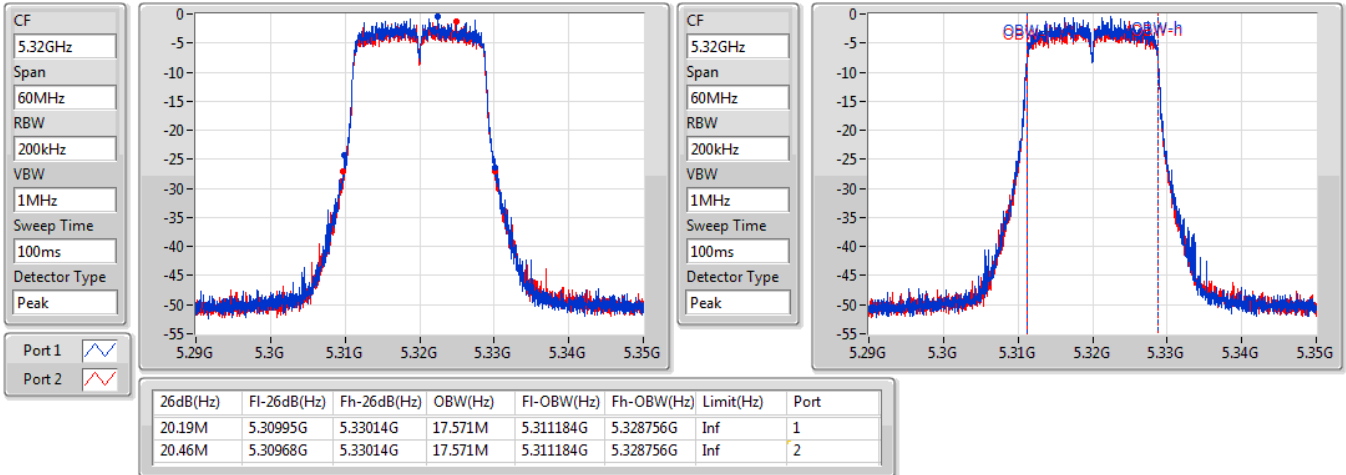

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

08/12/2019

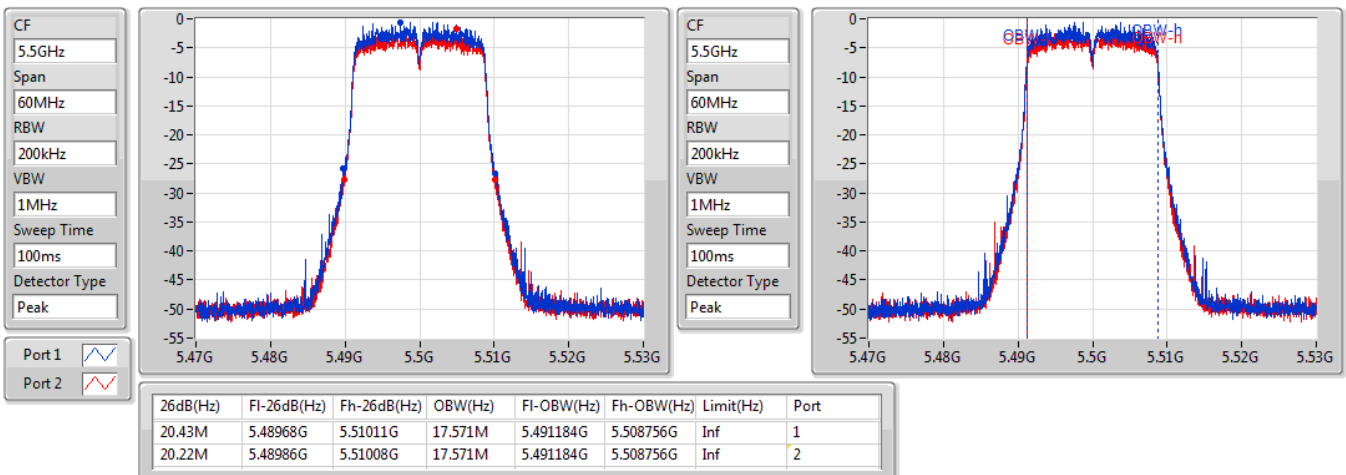


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

08/12/2019

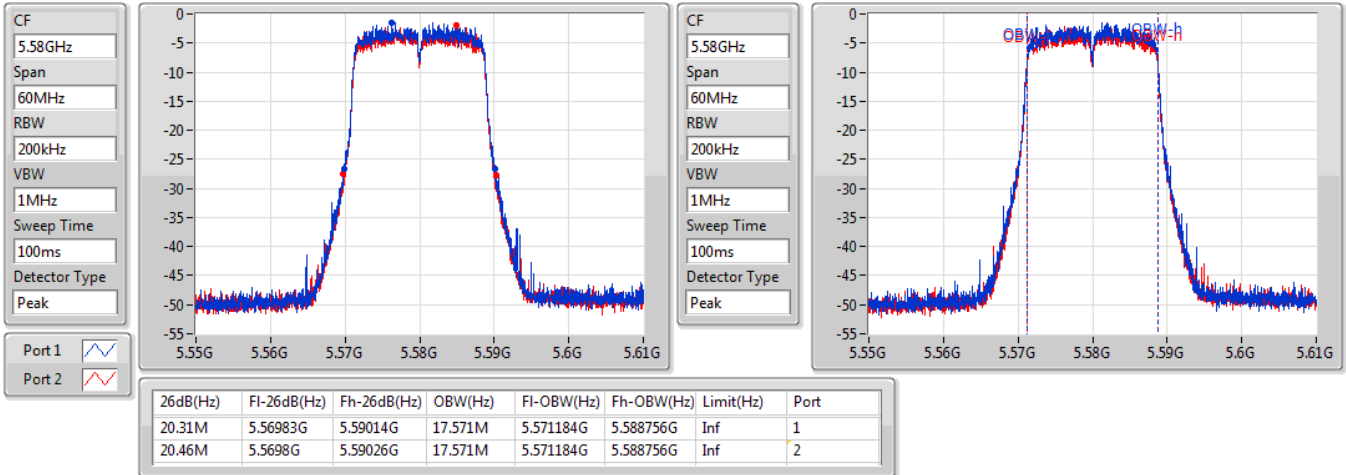

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

08/12/2019

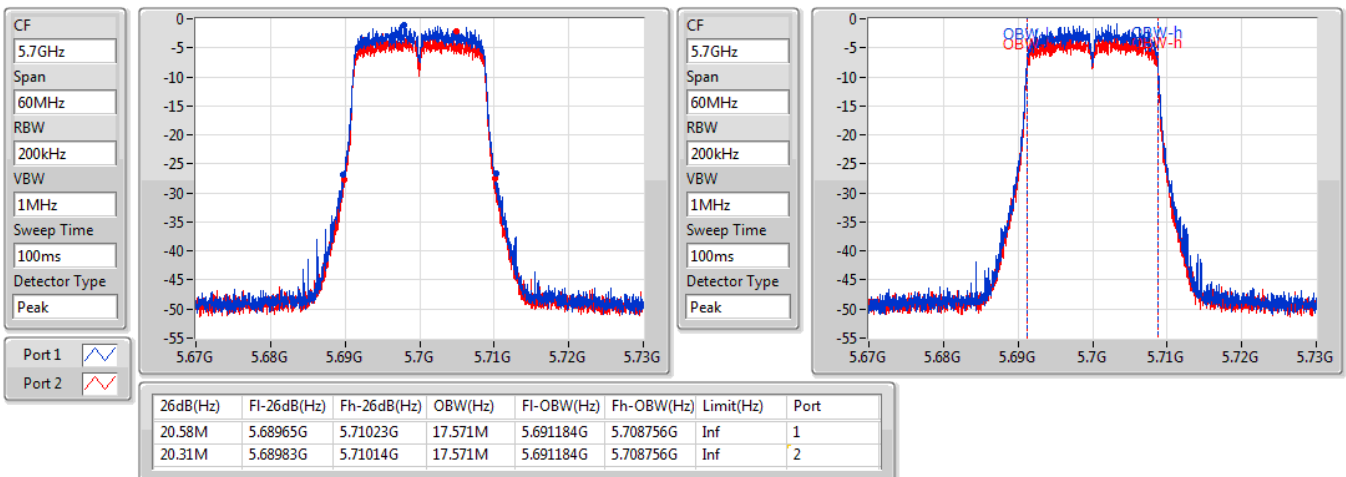


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

08/12/2019

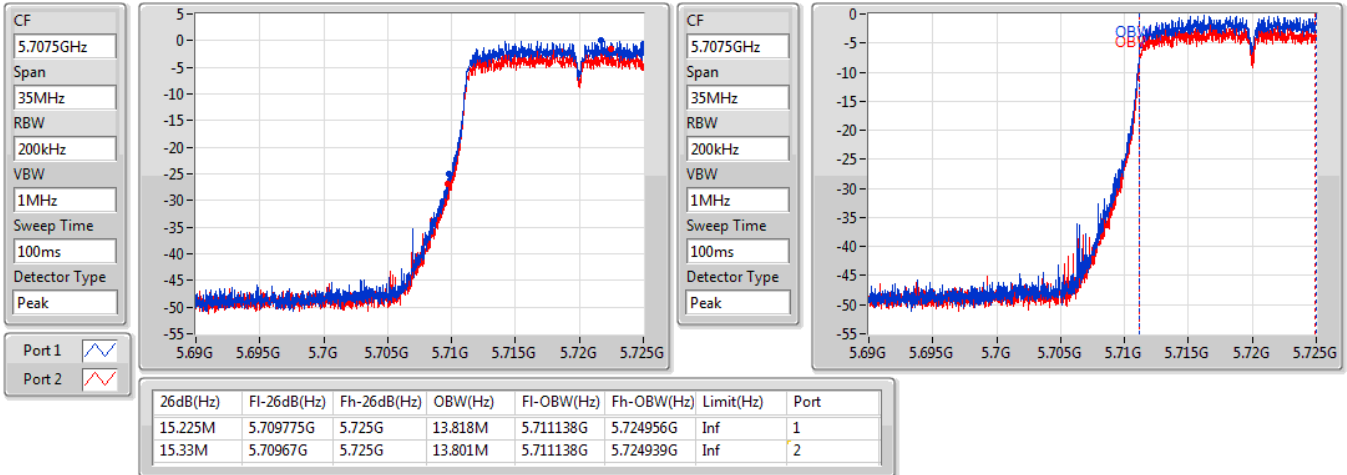

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

08/12/2019

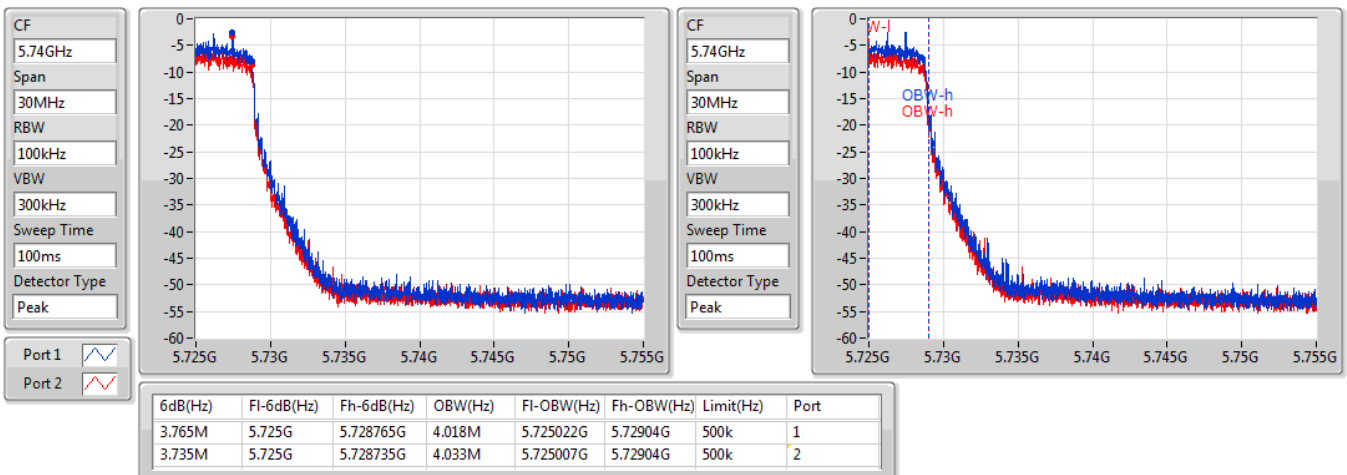


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

08/12/2019

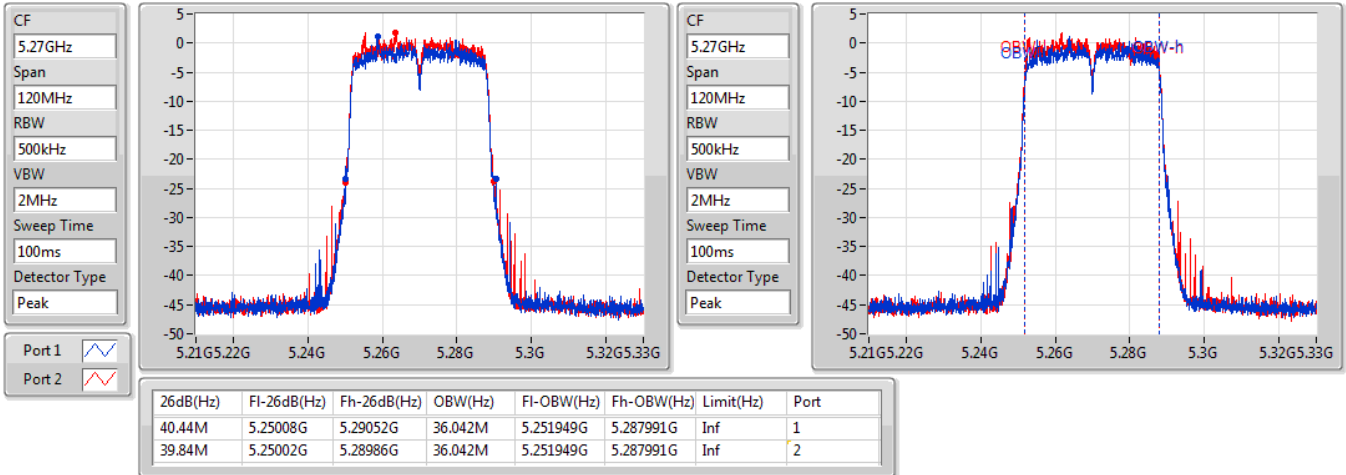

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

08/12/2019

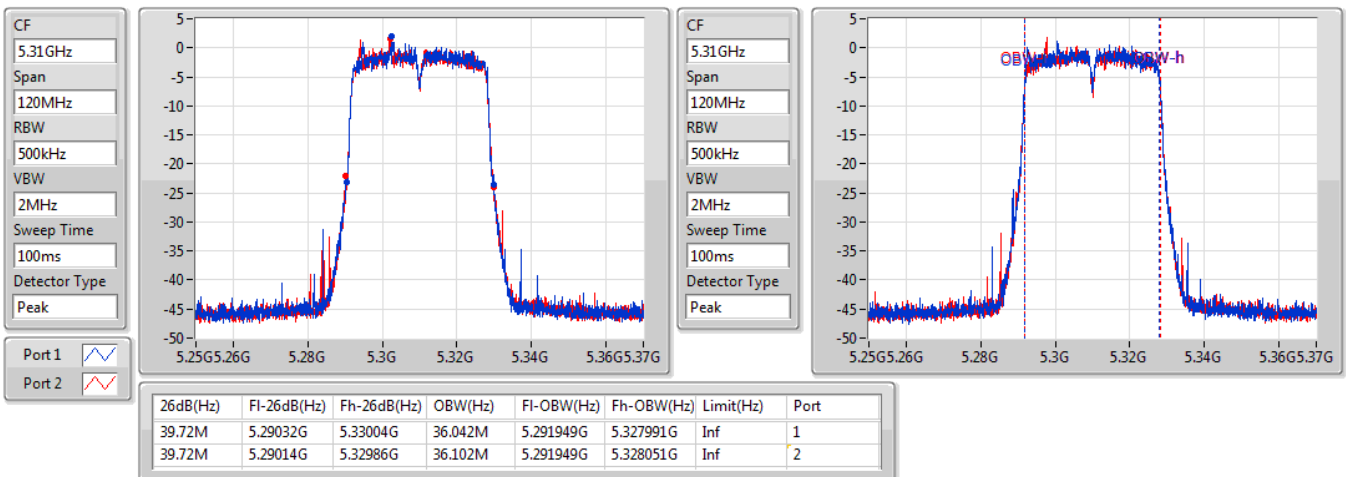


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

08/12/2019

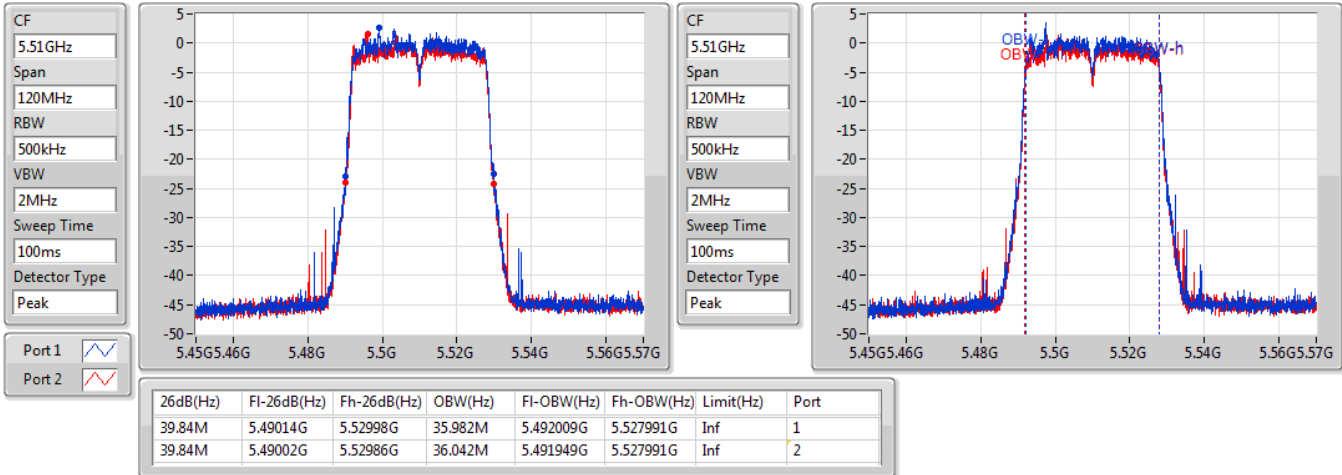

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

08/12/2019

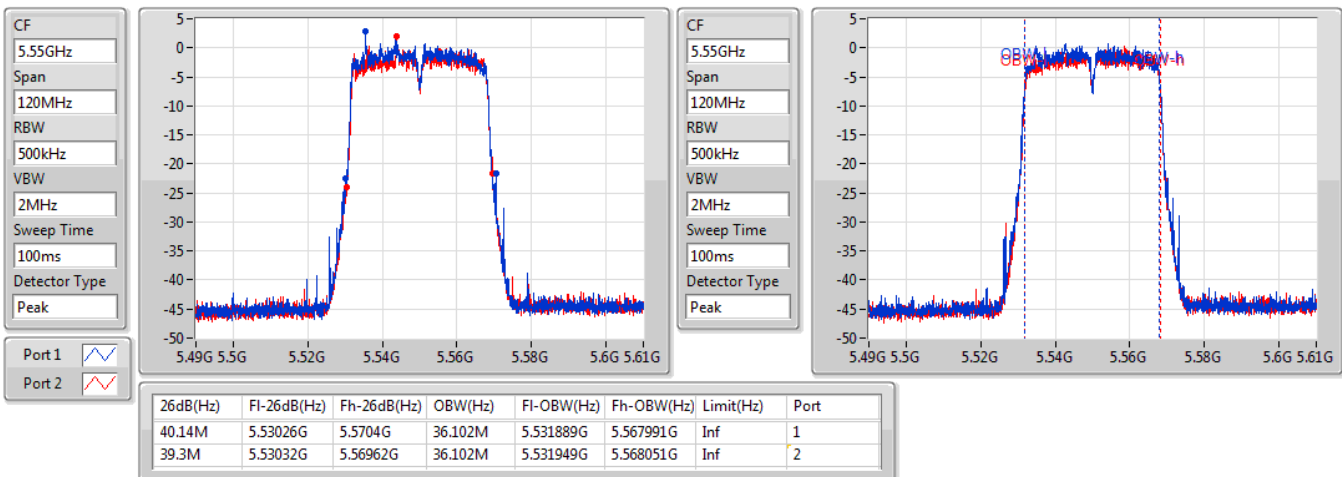


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

08/12/2019

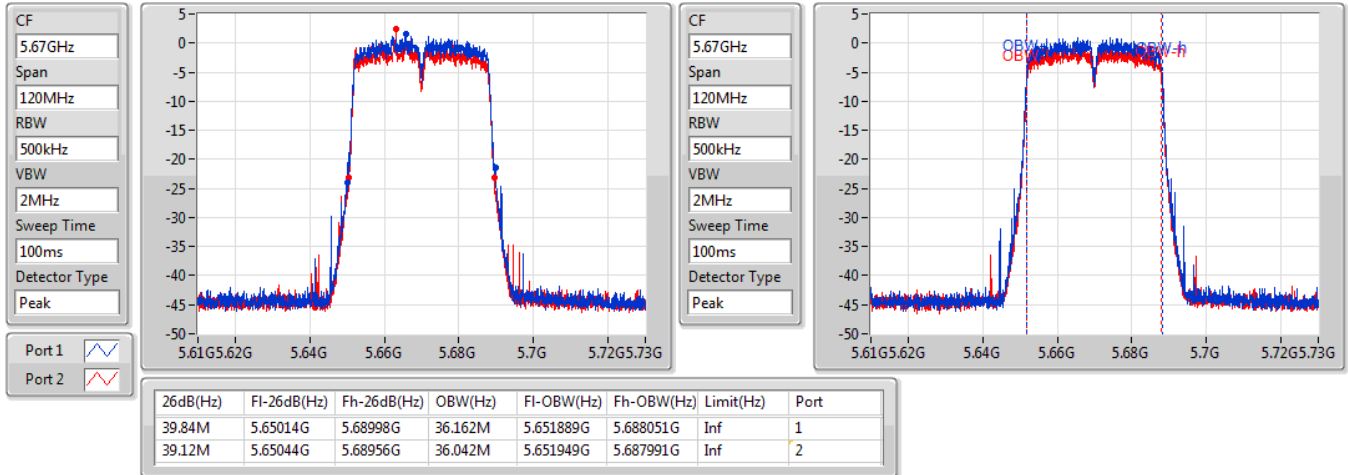

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

08/12/2019

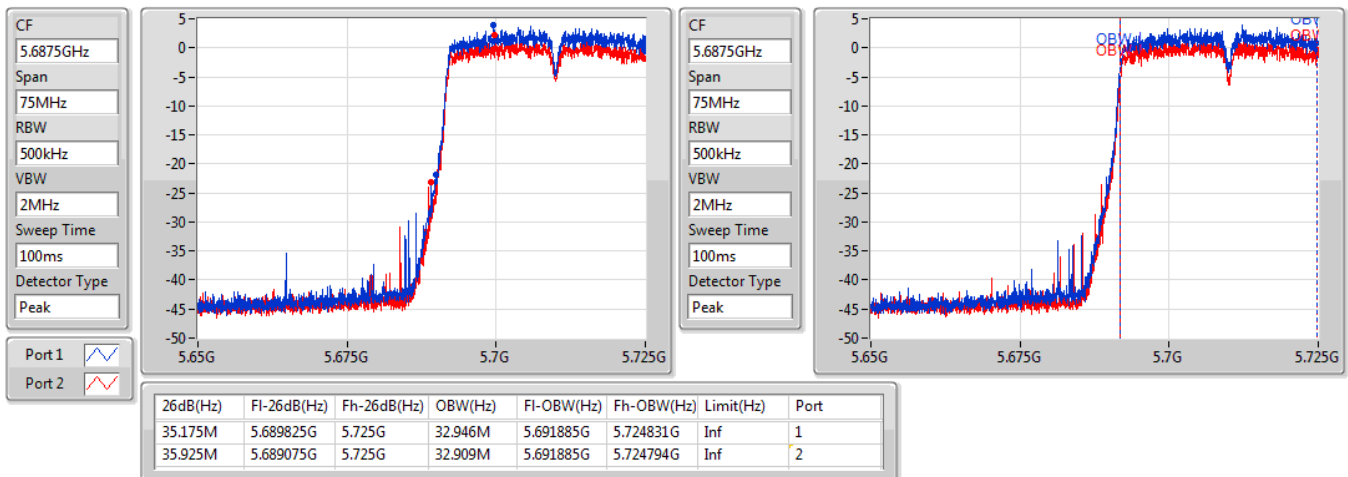


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

08/12/2019

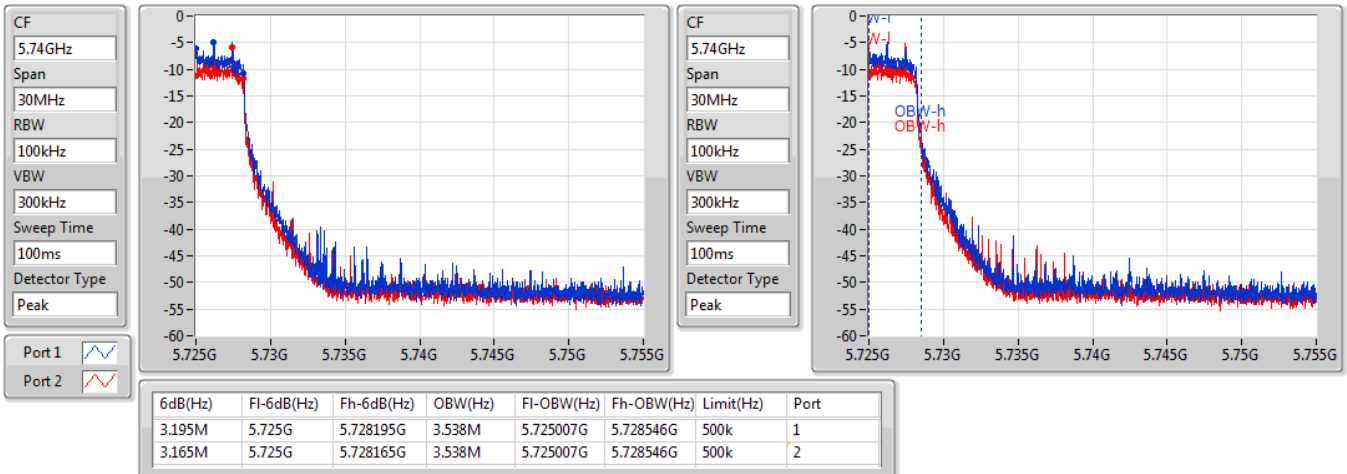

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

08/12/2019

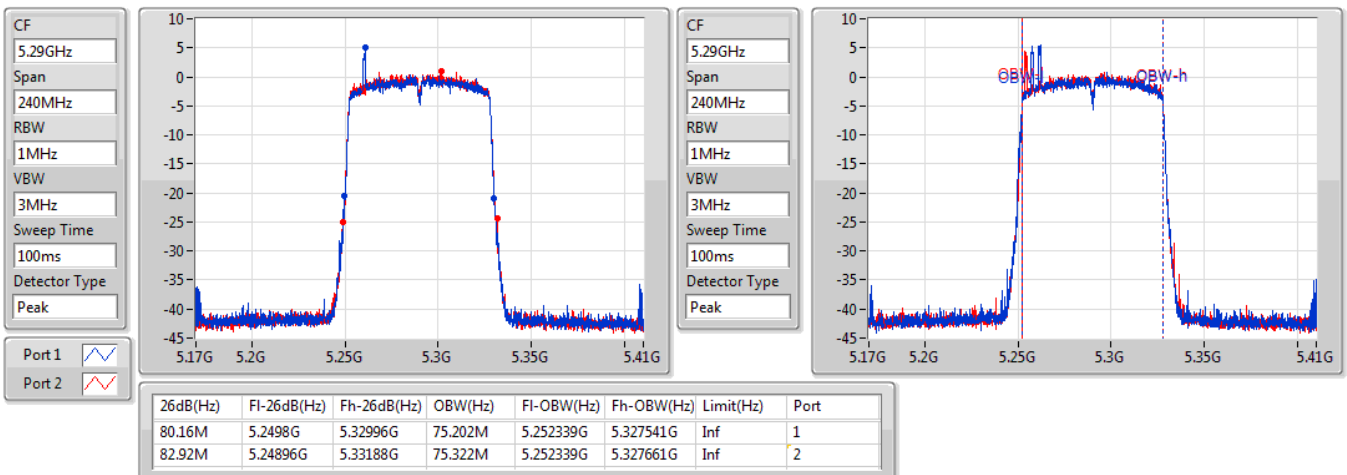


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

08/12/2019

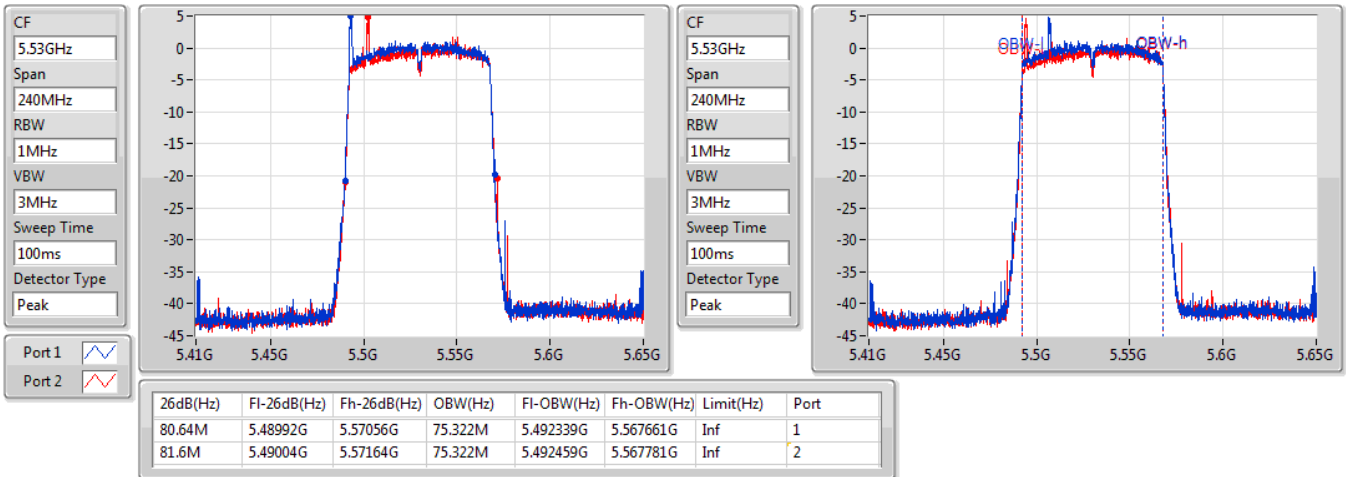

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

08/12/2019

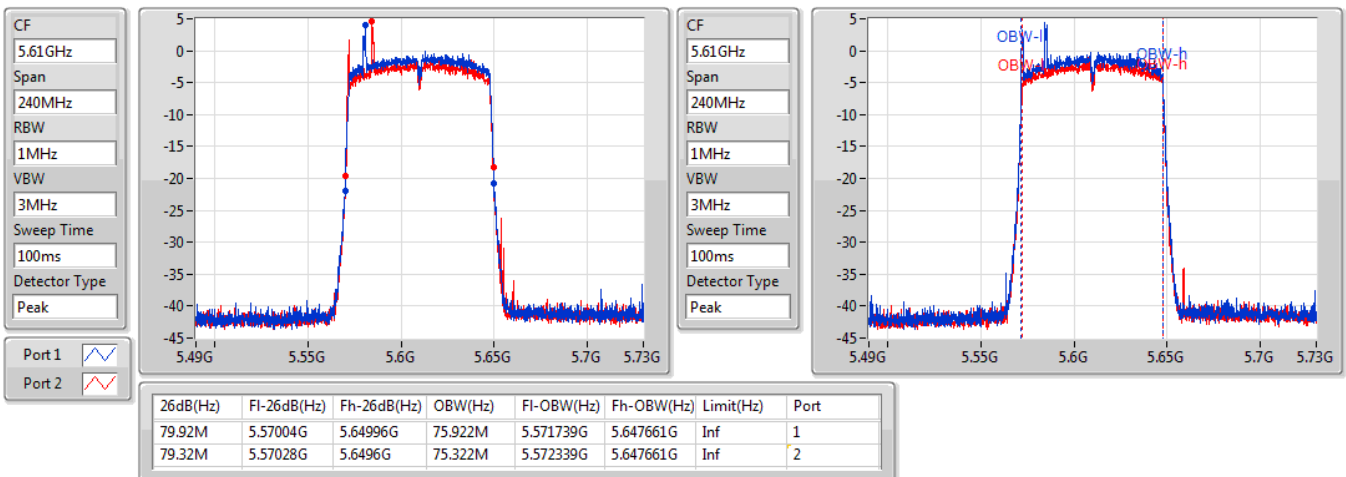


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

08/12/2019

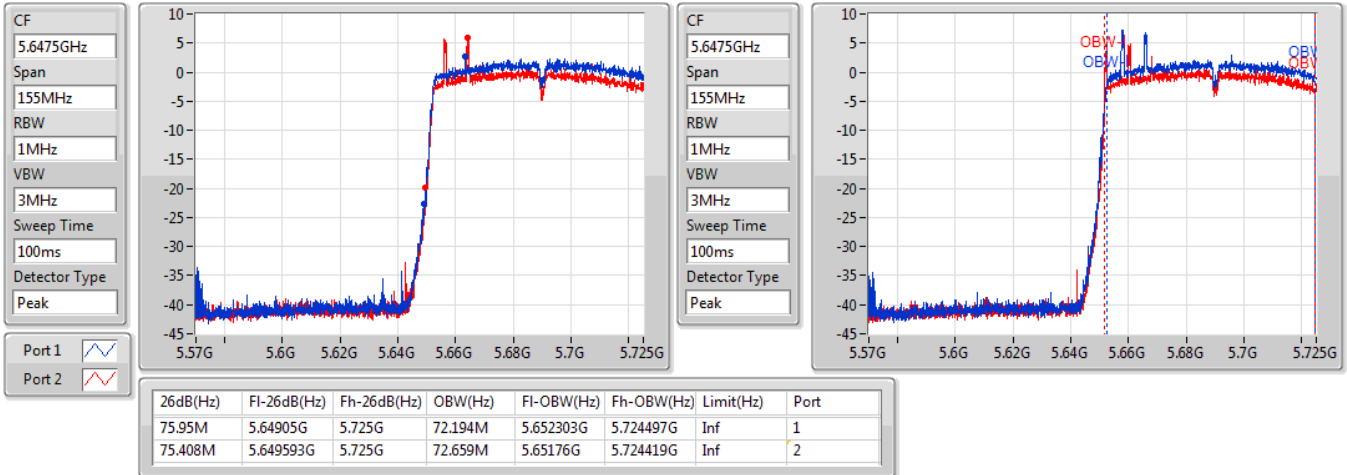

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

08/12/2019

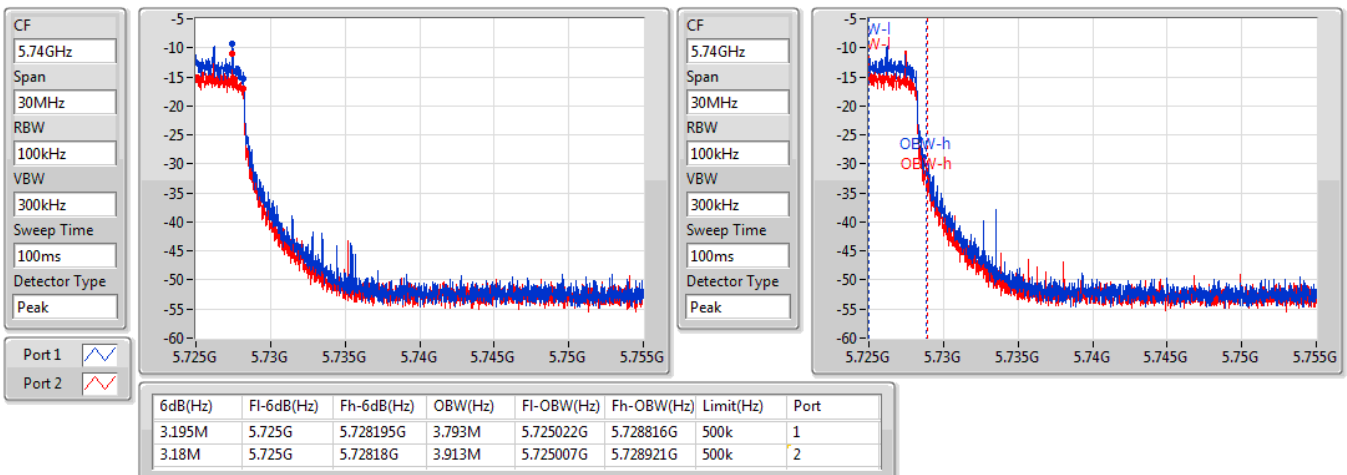


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

08/12/2019


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

08/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.94M	17.571M	17M6D1D	20.16M	17.571M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.56M	36.222M	36M2D1D	39.42M	36.042M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	79.92M	75.442M	75M4D1D	79.8M	75.202M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.7M	17.571M	17M6D1D	20.22M	17.571M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.36M	36.162M	36M2D1D	41.1M	36.102M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.84M	75.442M	75M4D1D	81.12M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.7M	17.571M	17M6D1D	15.173M	13.766M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.04M	36.102M	36M1D1D	34.988M	32.909M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.08M	75.322M	75M3D1D	75.098M	72.116M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.7M	17.601M	17M6D1D	15.12M	13.783M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42M	36.222M	36M2D1D	35.363M	32.909M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	86.16M	75.322M	75M3D1D	75.02M	72.116M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.765M	4.018M	4M02D1D	3.75M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.21M	3.613M	3M61D1D	3.165M	3.568M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.195M	3.943M	3M94D1D	3.18M	3.853M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.78M	4.033M	4M03D1D	3.495M	4.018M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.12M	3.643M	3M64D1D	2.91M	3.598M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.195M	3.898M	3M90D1D	2.835M	3.823M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.16M	17.571M	20.34M	17.571M
5300MHz	Pass	Inf	20.4M	17.571M	20.94M	17.571M
5320MHz	Pass	Inf	20.37M	17.571M	20.67M	17.571M
5500MHz	Pass	Inf	20.01M	17.571M	20.34M	17.571M
5580MHz	Pass	Inf	20.46M	17.571M	20.13M	17.571M
5700MHz	Pass	Inf	20.49M	17.571M	20.7M	17.571M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.173M	13.766M	15.173M	13.766M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.765M	4.018M	3.75M	4.018M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	39.66M	36.162M	40.56M	36.042M
5310MHz	Pass	Inf	39.42M	36.222M	39.72M	36.042M
5510MHz	Pass	Inf	41.04M	36.042M	39.66M	36.042M
5550MHz	Pass	Inf	40.02M	36.102M	39.78M	36.102M
5670MHz	Pass	Inf	40.5M	36.102M	39.78M	36.042M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.475M	32.946M	34.988M	32.909M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.21M	3.613M	3.165M	3.568M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	79.8M	75.442M	79.92M	75.202M
5530MHz	Pass	Inf	80.16M	75.202M	80.16M	75.202M
5610MHz	Pass	Inf	79.68M	75.322M	82.08M	75.202M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.175M	72.116M	75.098M	72.116M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.195M	3.943M	3.18M	3.853M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.37M	17.571M	20.22M	17.571M
5300MHz	Pass	Inf	20.25M	17.571M	20.7M	17.571M
5320MHz	Pass	Inf	20.22M	17.571M	20.52M	17.571M
5500MHz	Pass	Inf	20.52M	17.571M	20.31M	17.571M
5580MHz	Pass	Inf	20.37M	17.571M	20.13M	17.571M
5700MHz	Pass	Inf	20.7M	17.601M	20.37M	17.541M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.348M	13.783M	15.12M	13.801M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.033M	3.495M	4.018M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	42.06M	36.102M	42.06M	36.102M
5310MHz	Pass	Inf	41.1M	36.162M	42.36M	36.102M
5510MHz	Pass	Inf	39.78M	36.042M	39.96M	35.982M
5550MHz	Pass	Inf	39.6M	36.102M	42M	36.222M
5670MHz	Pass	Inf	41.4M	36.102M	40.56M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.363M	32.909M	36.938M	32.909M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.643M	2.91M	3.598M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	84.84M	75.442M	81.12M	75.202M
5530MHz	Pass	Inf	86.16M	75.322M	85.08M	75.322M
5610MHz	Pass	Inf	80.28M	75.322M	79.8M	75.202M



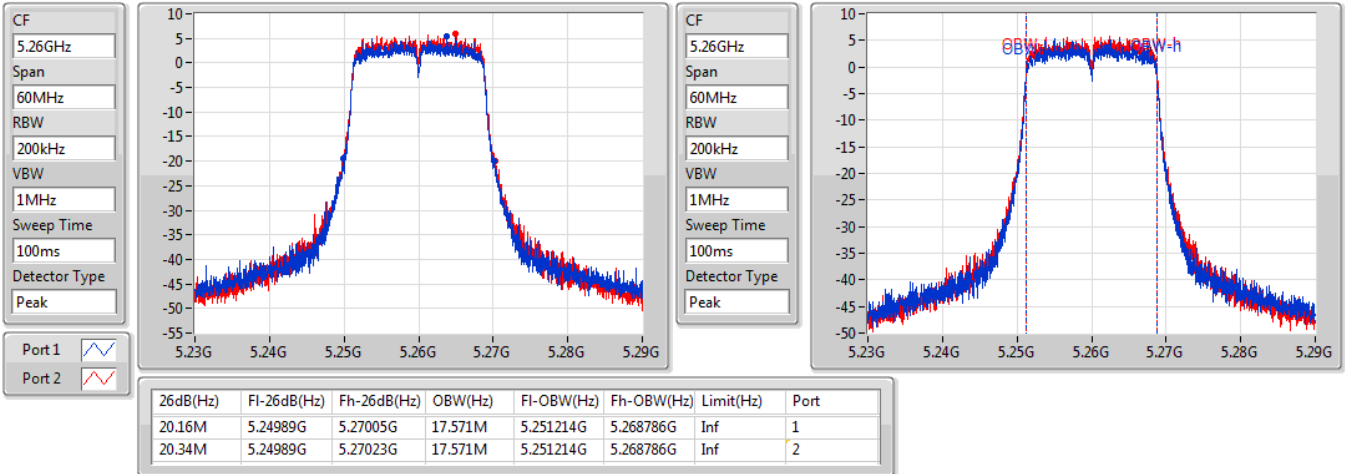
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.098M	72.194M	75.02M	72.116M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.195M	3.898M	2.835M	3.823M

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

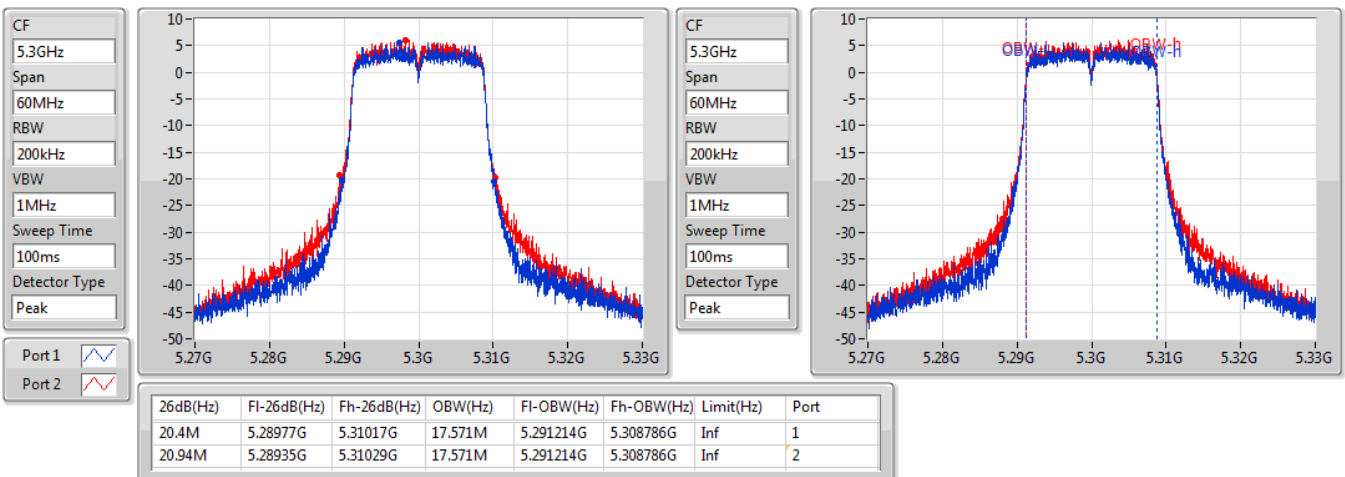
Port X-OBW = Port X 99% occupied bandwidth;

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

09/12/2019

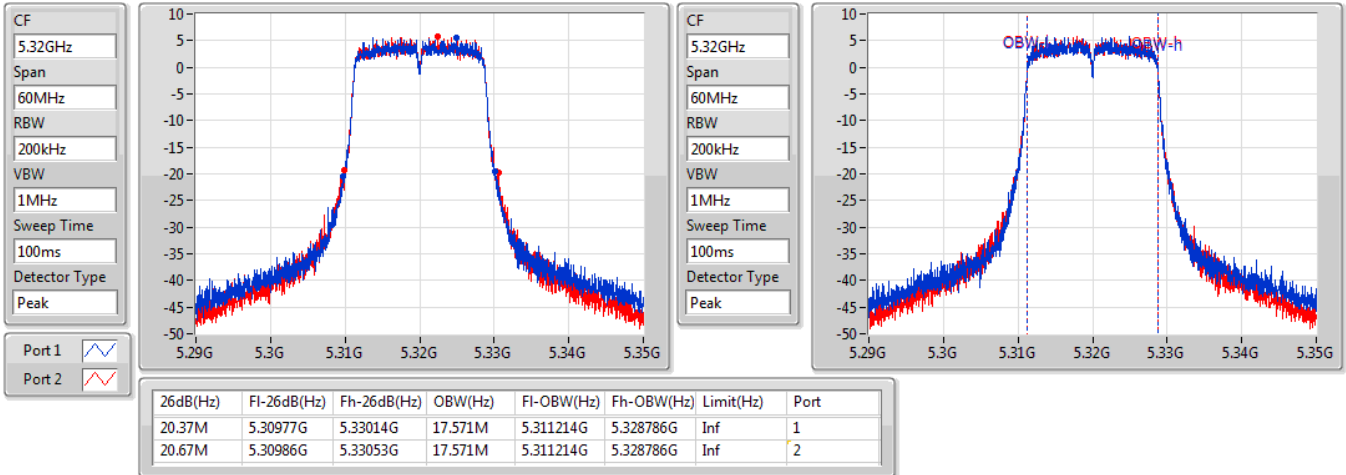

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

09/12/2019

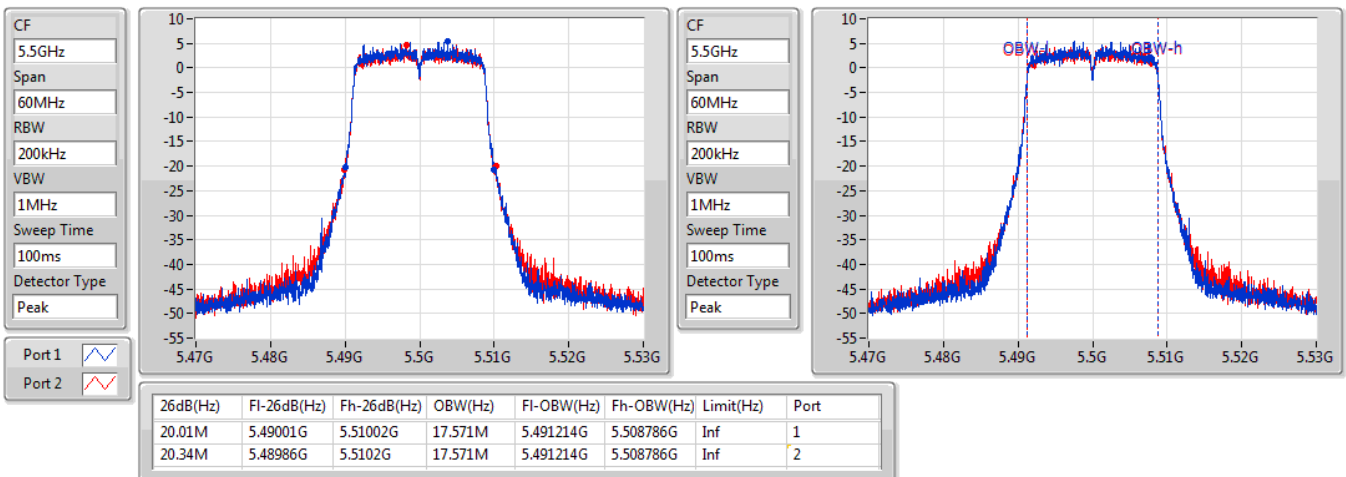


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

09/12/2019

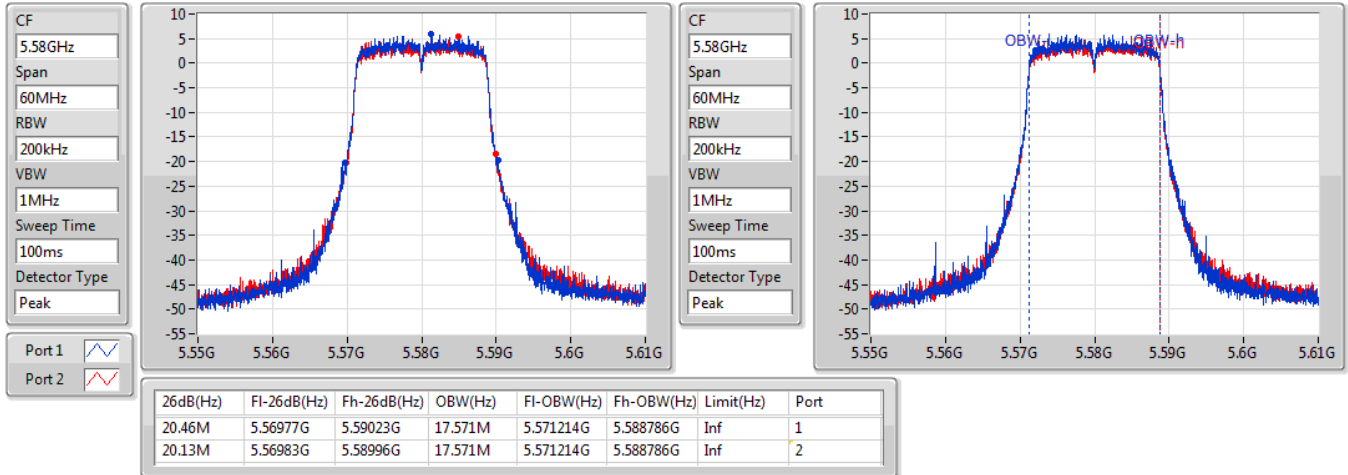

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

09/12/2019

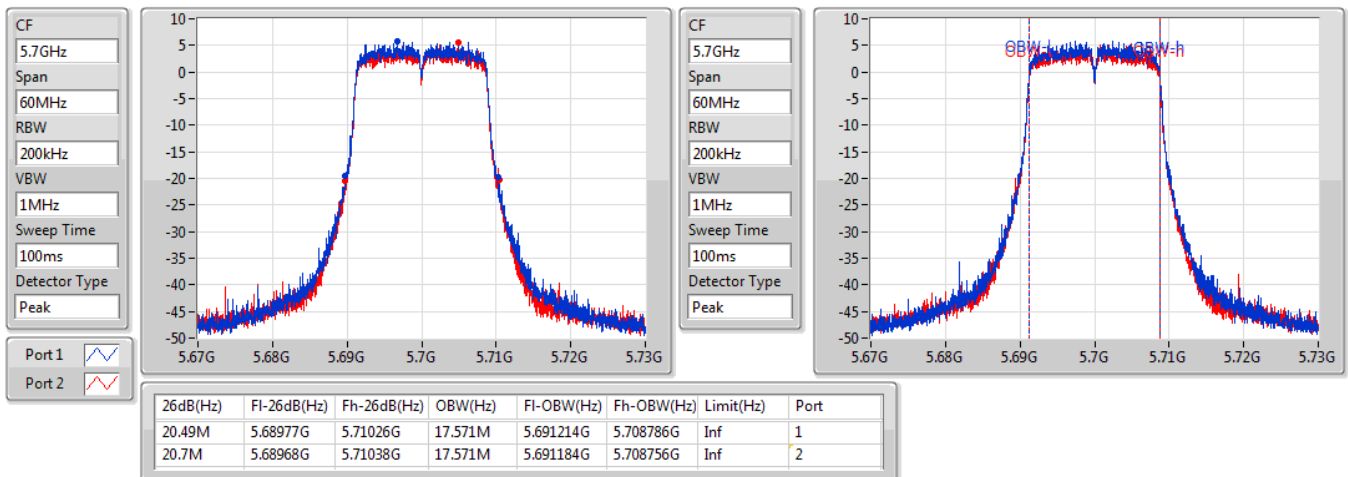


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

09/12/2019

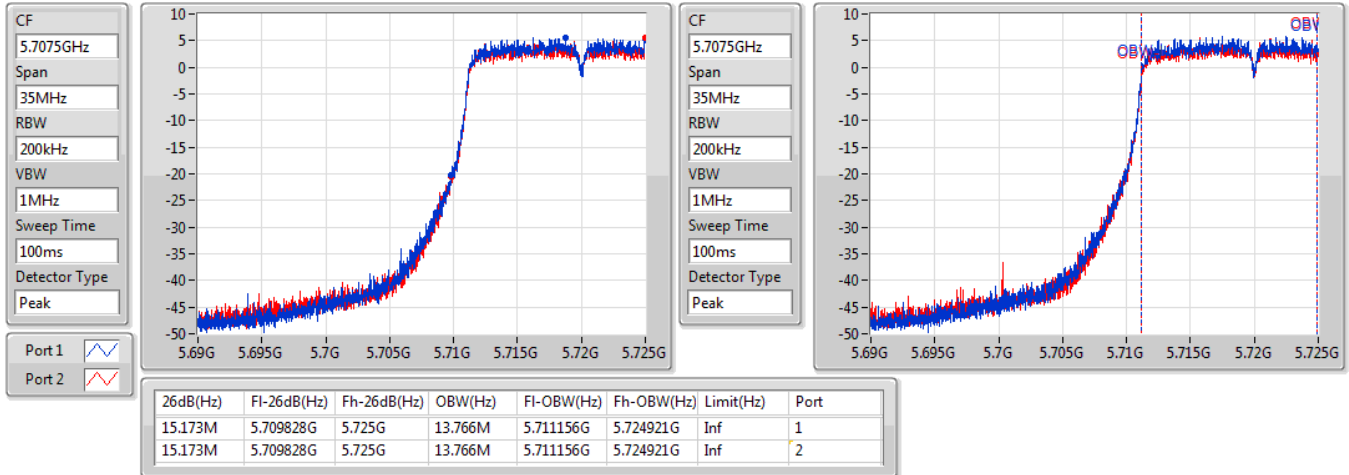

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

09/12/2019

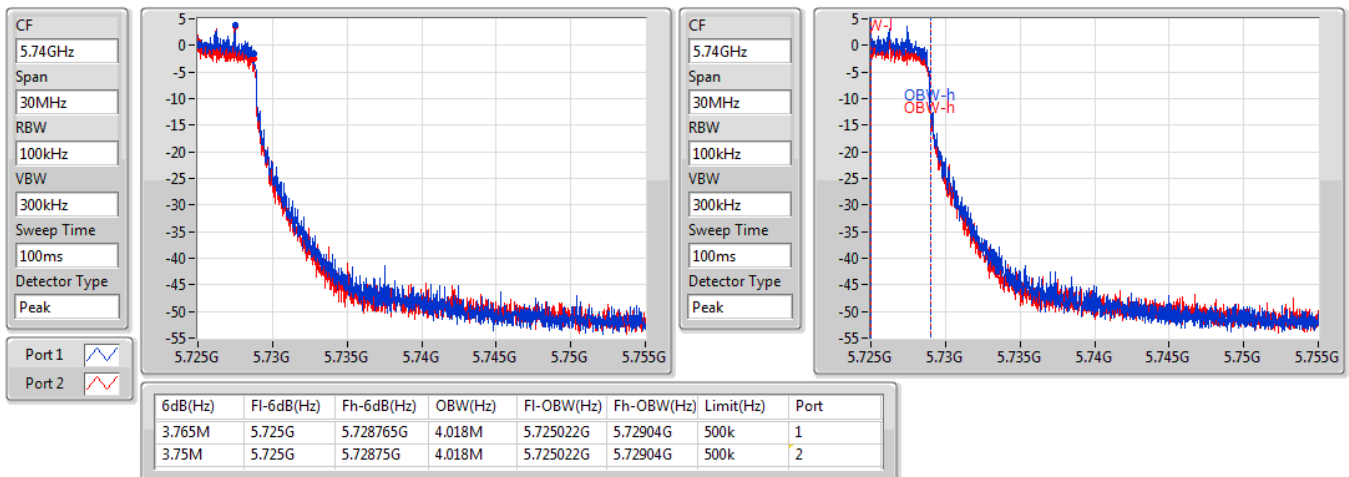


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

09/12/2019

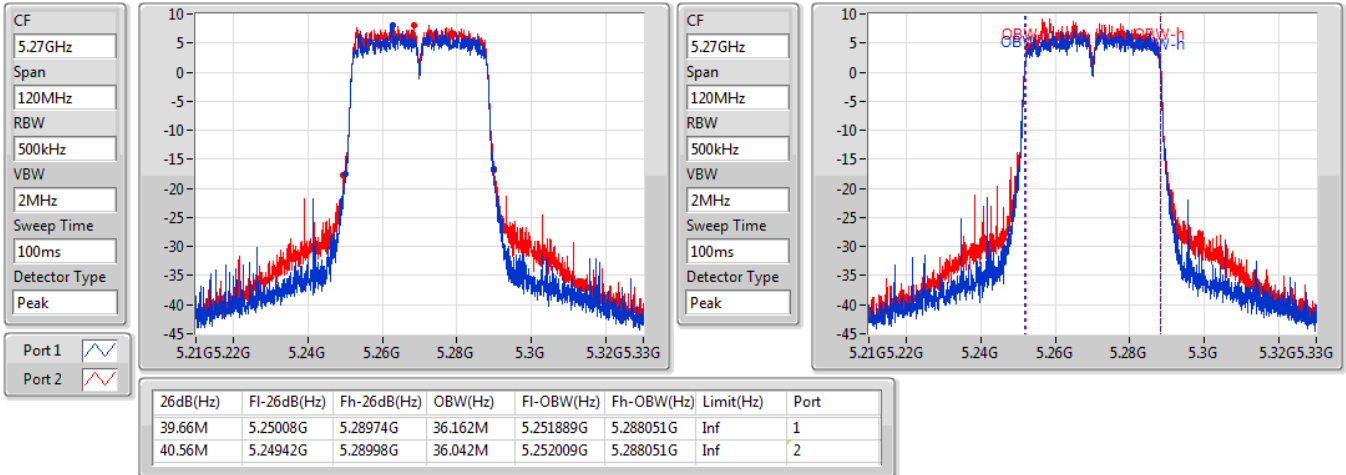

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

09/12/2019

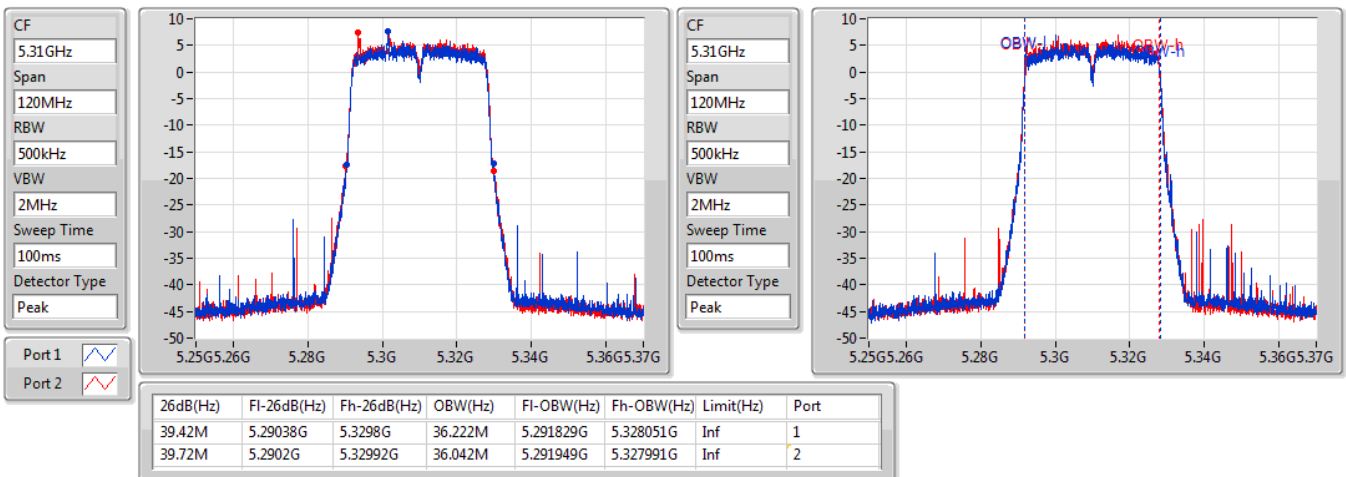


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

09/12/2019

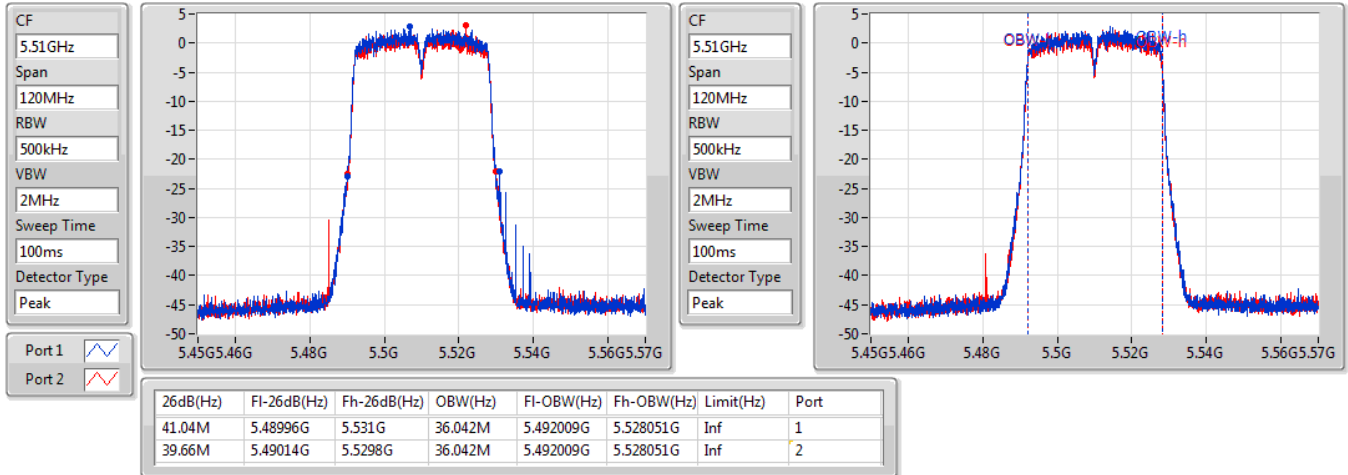

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

09/12/2019

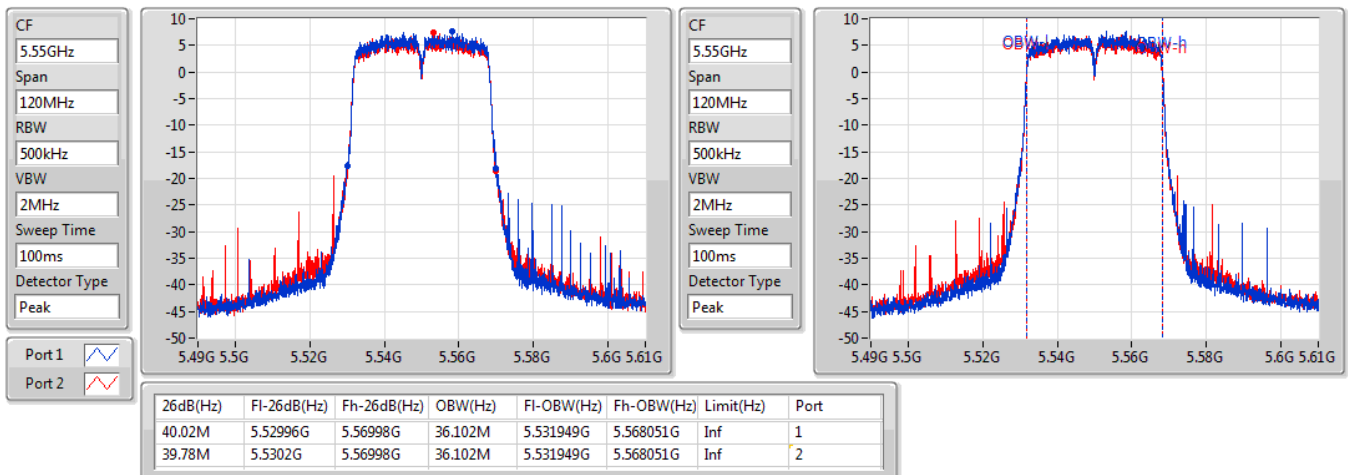


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

09/12/2019

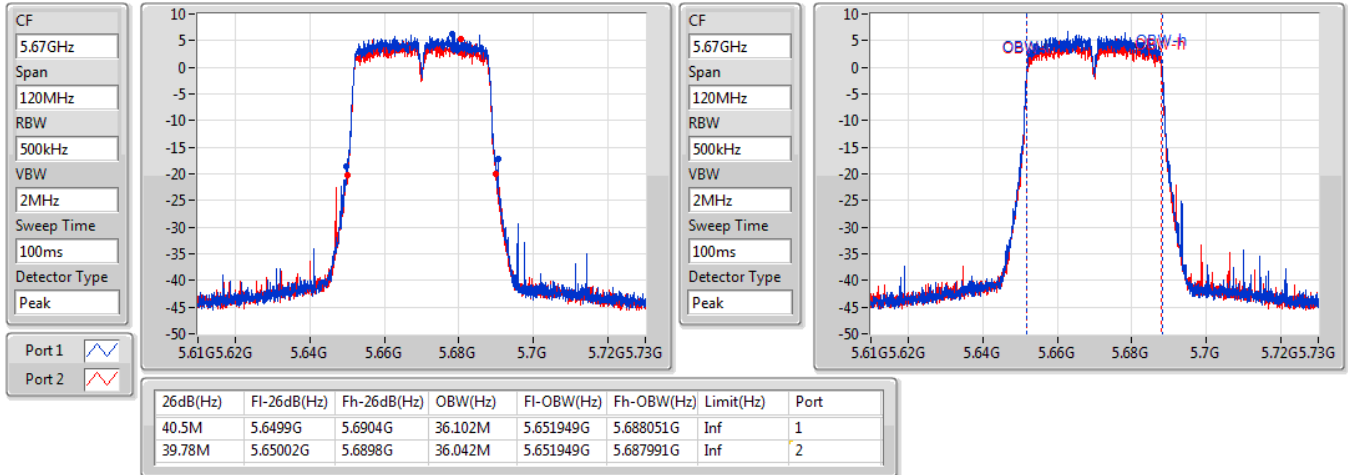

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

09/12/2019

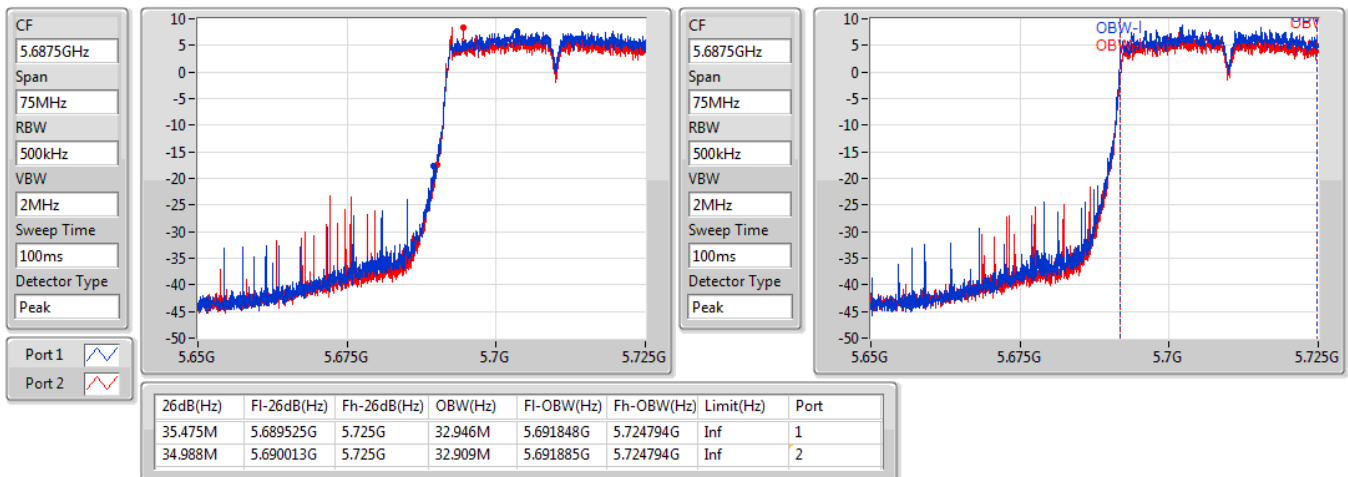


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

09/12/2019

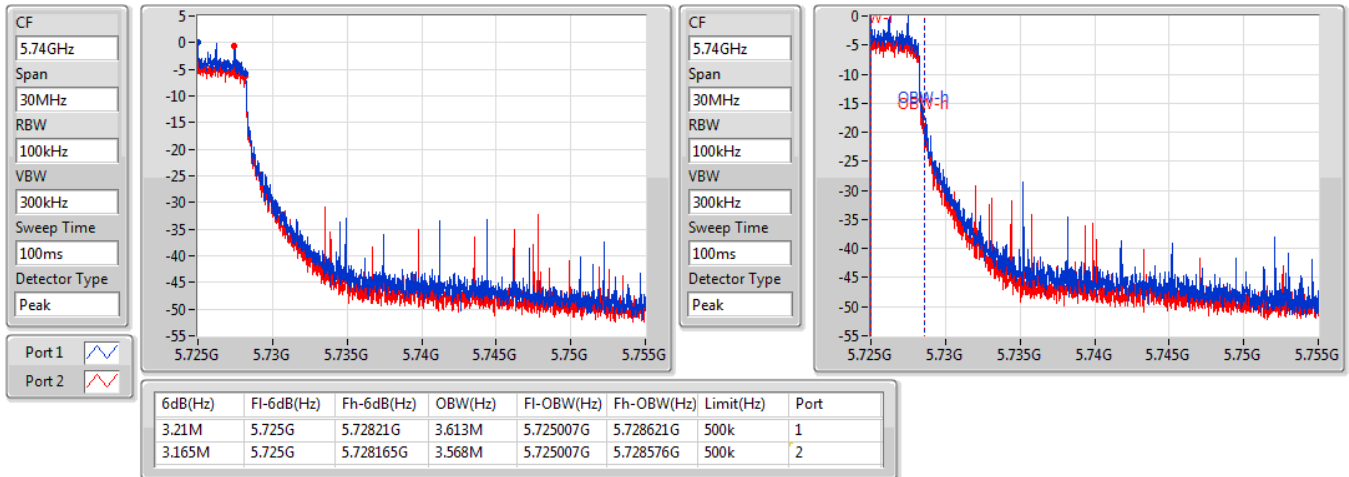

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

09/12/2019

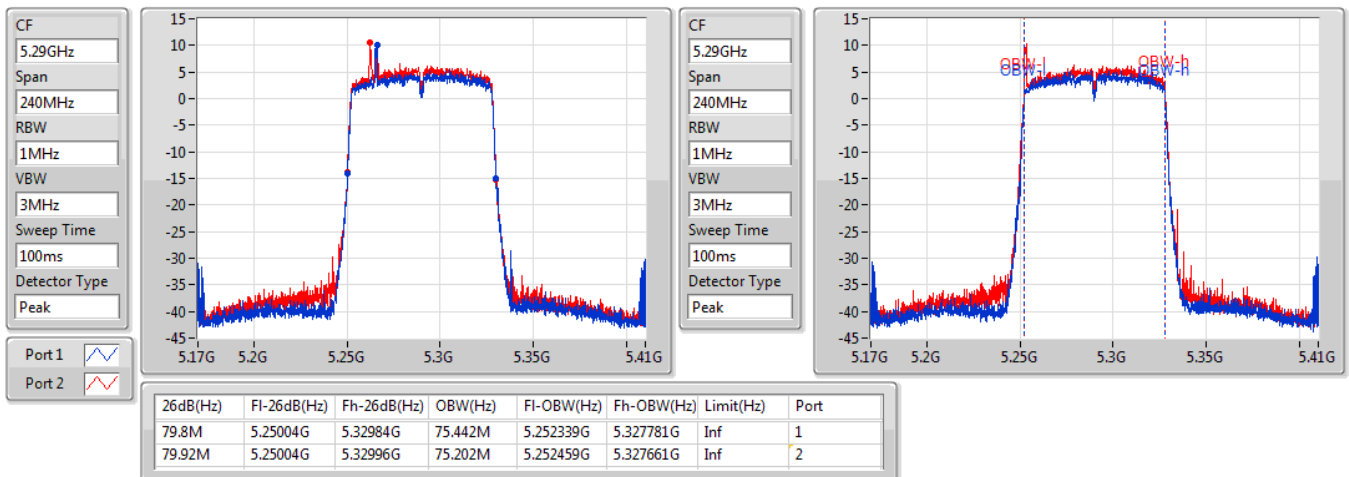


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

09/12/2019

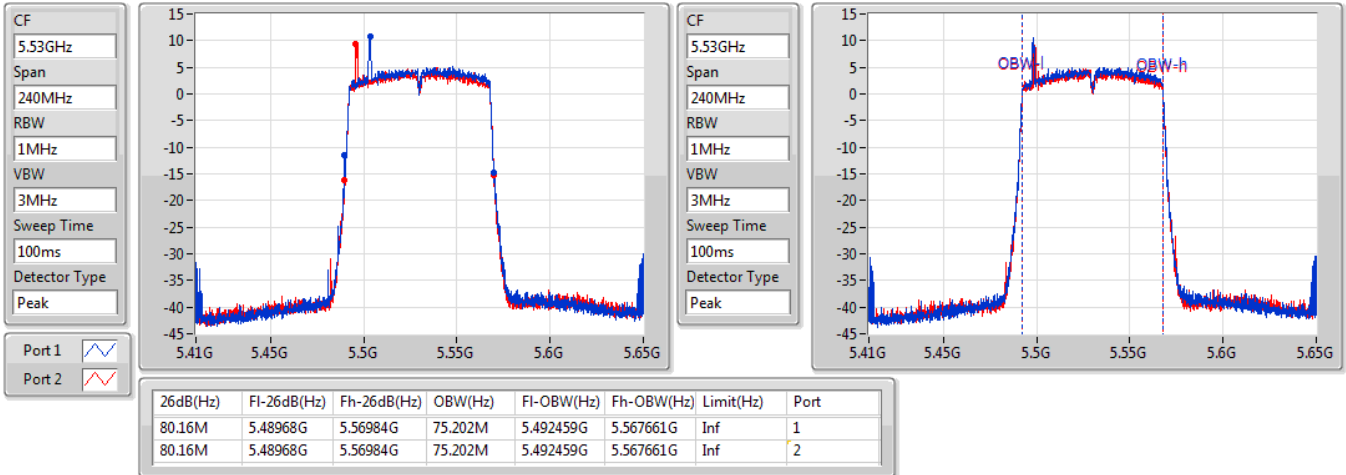

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

09/12/2019

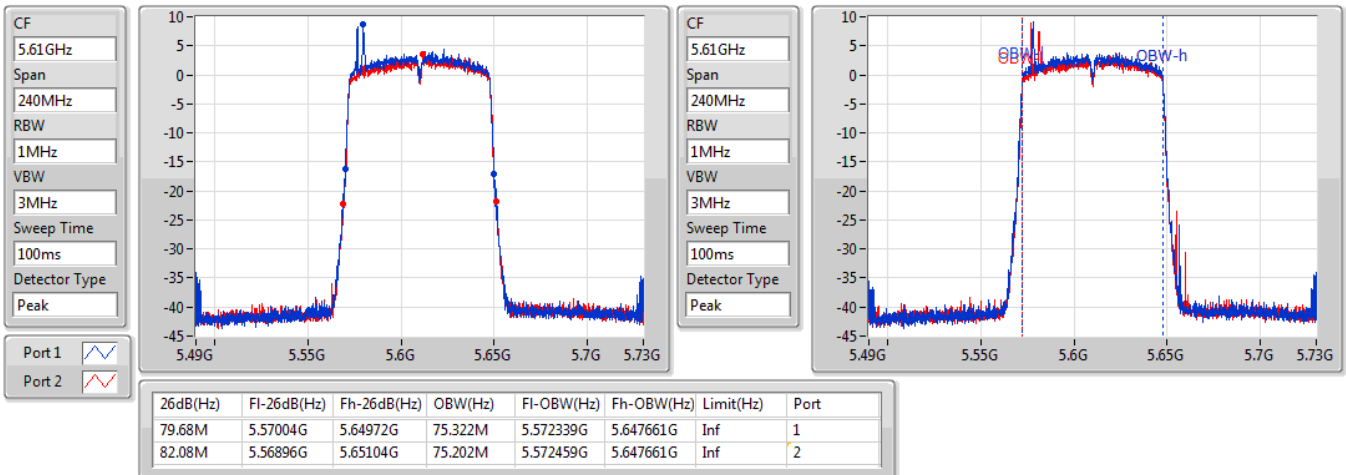


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

09/12/2019

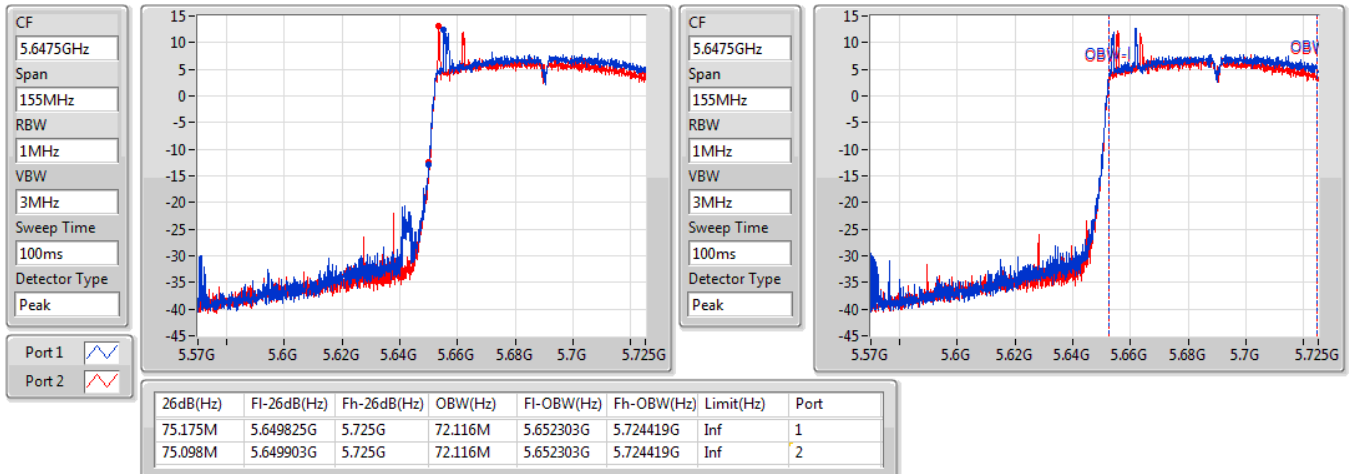

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

09/12/2019

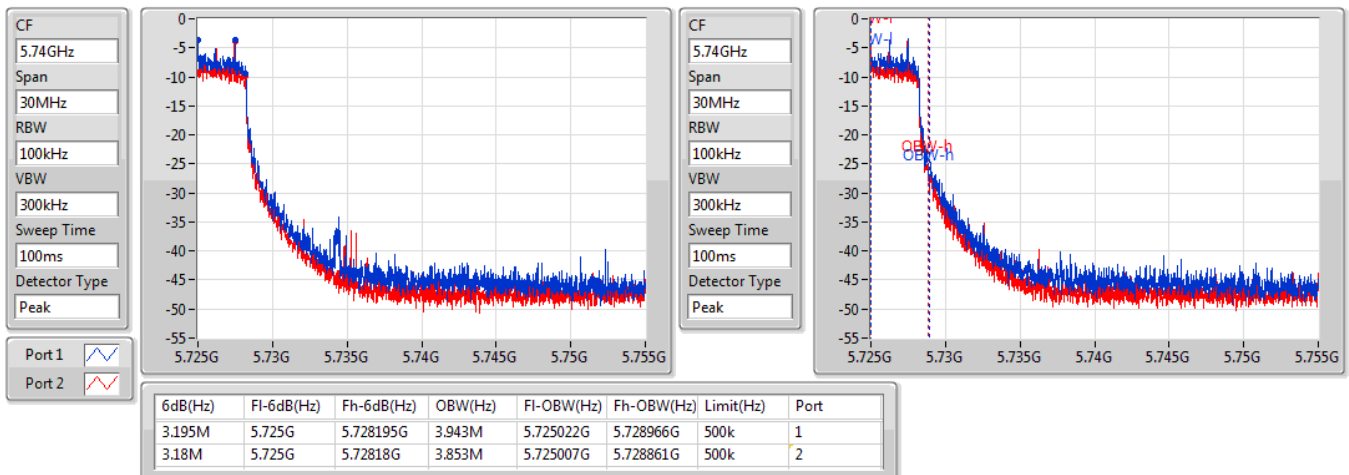


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

09/12/2019

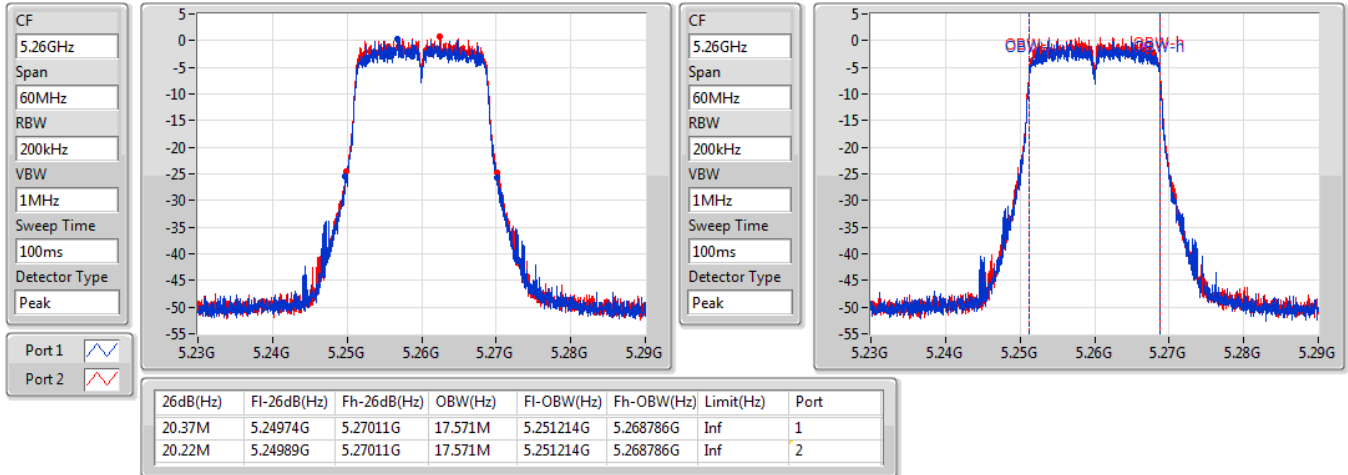

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

09/12/2019

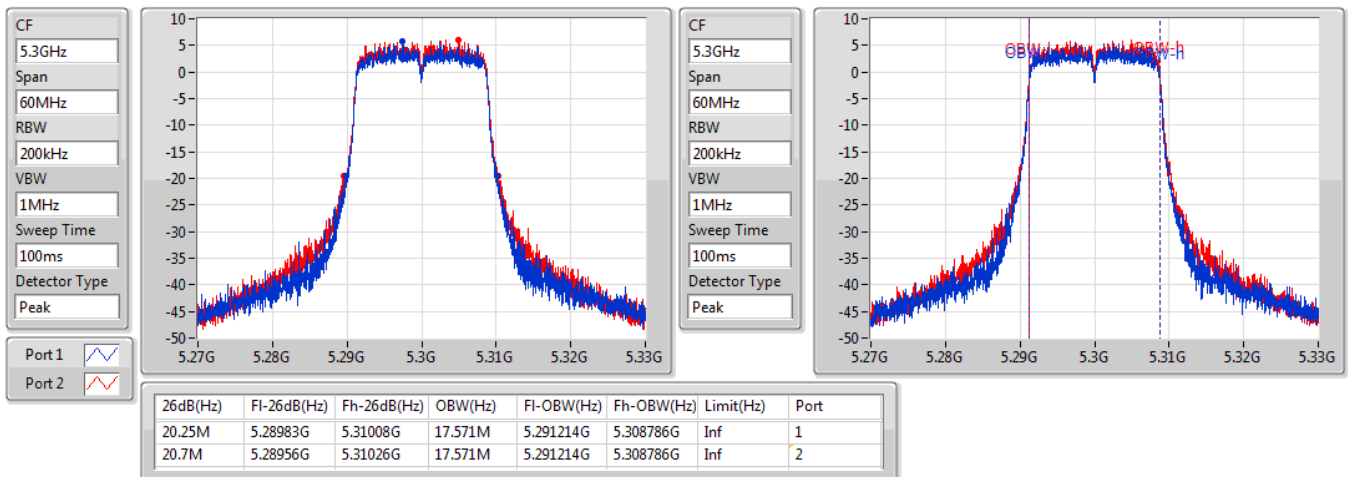


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

09/12/2019

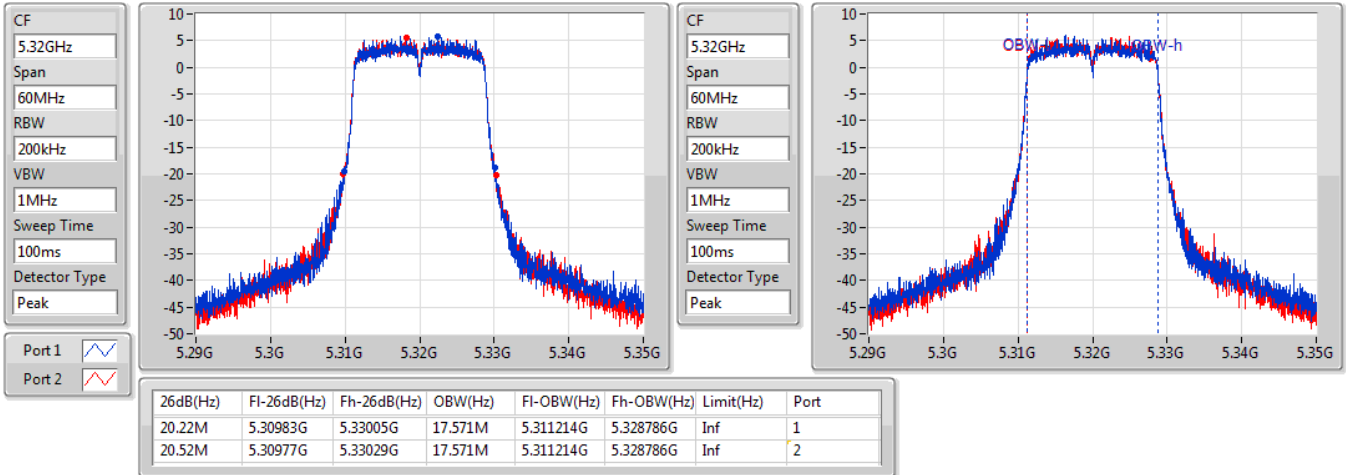

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

09/12/2019

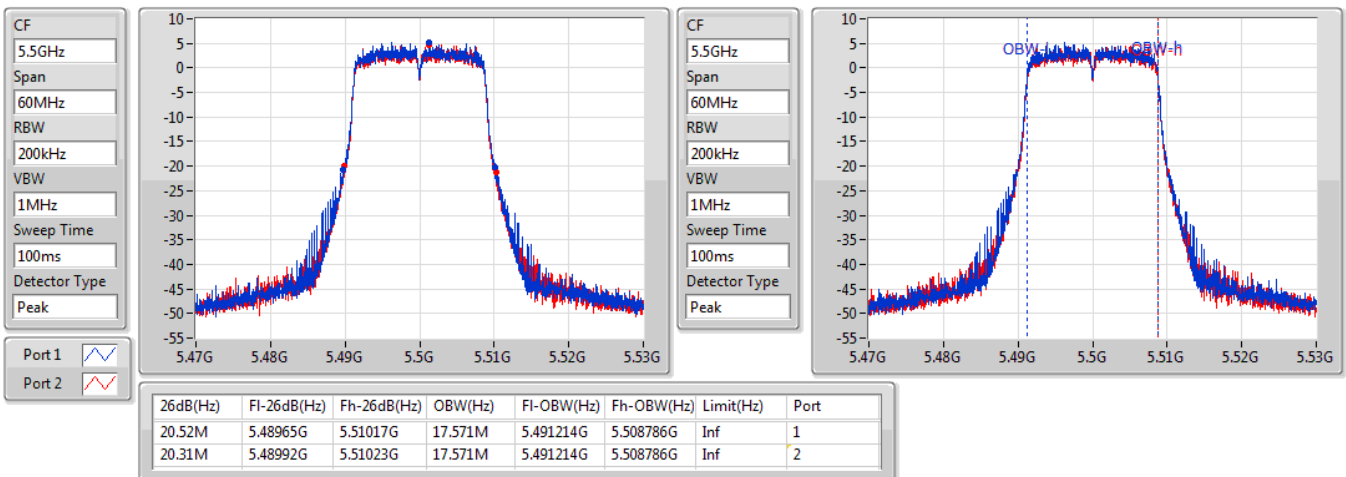


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

09/12/2019

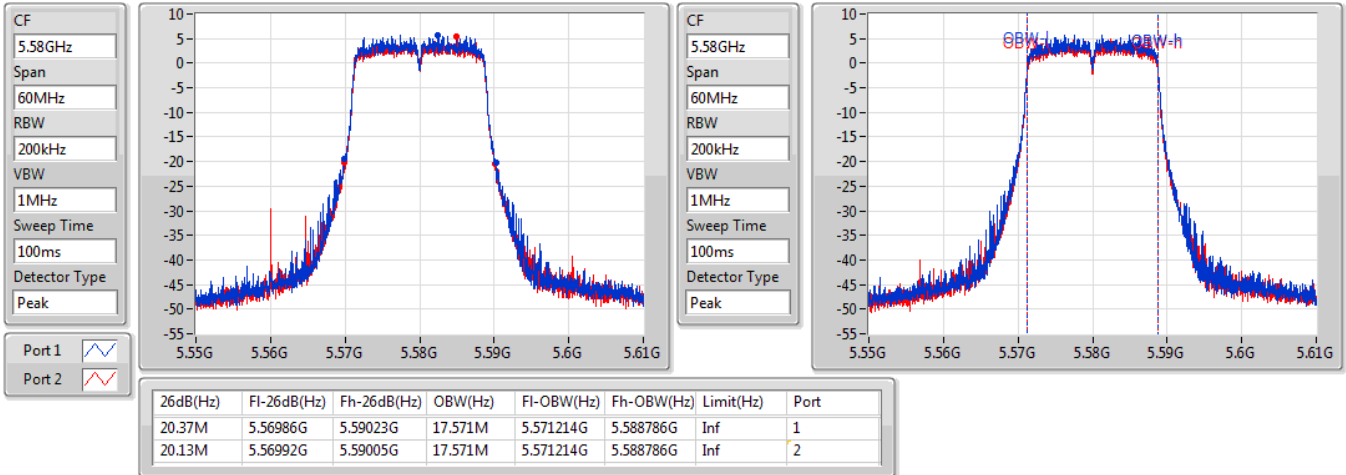

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

09/12/2019

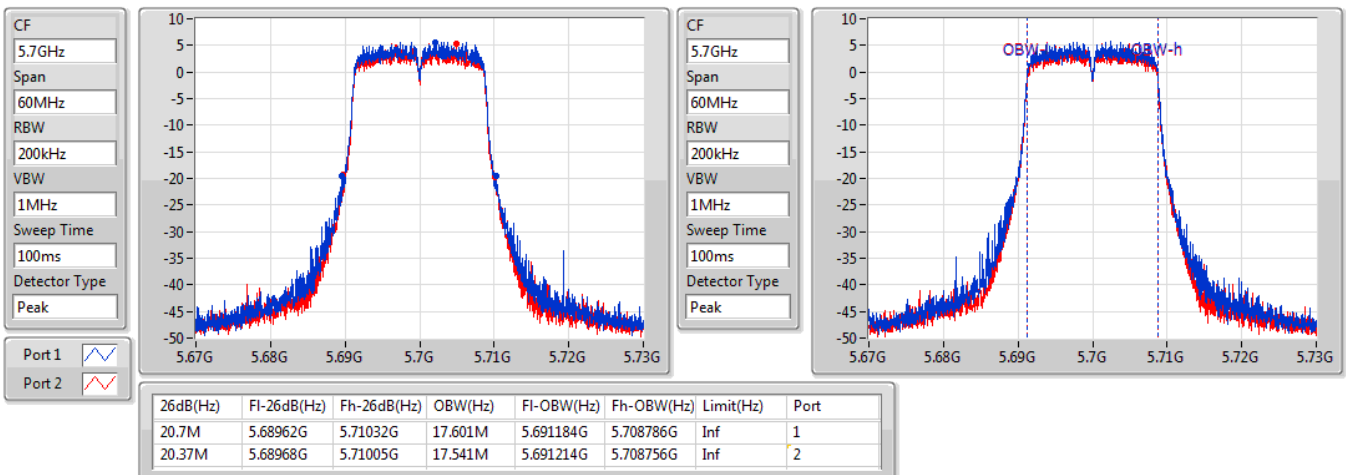


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

09/12/2019

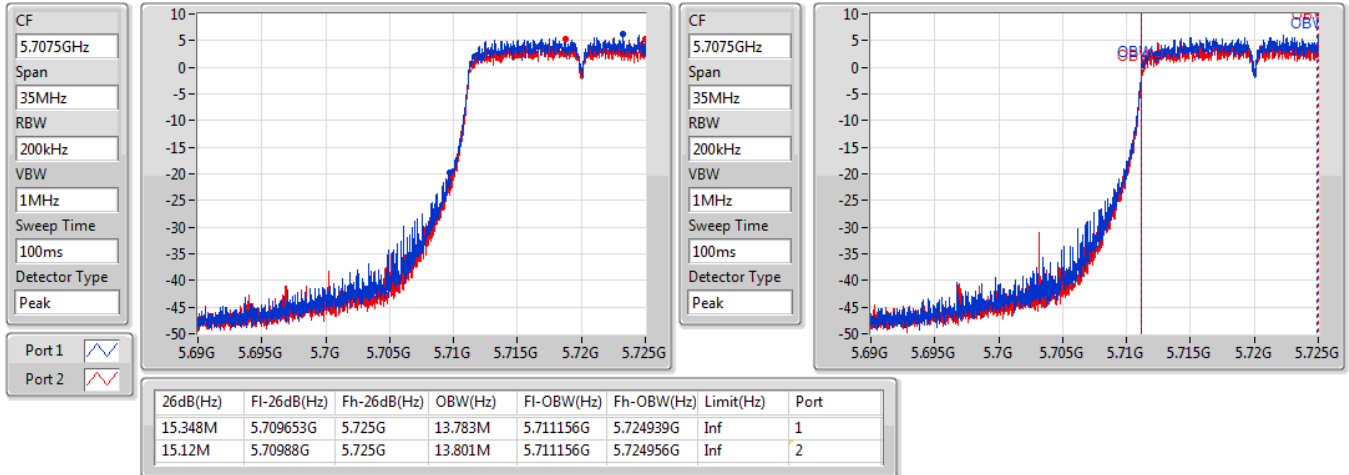

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

09/12/2019

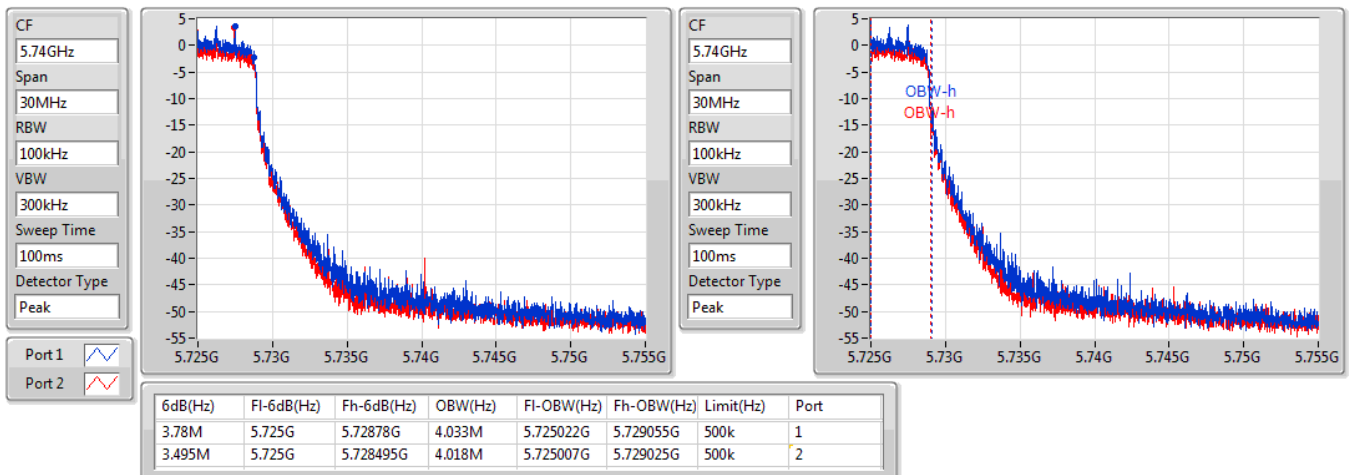


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

09/12/2019


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

09/12/2019

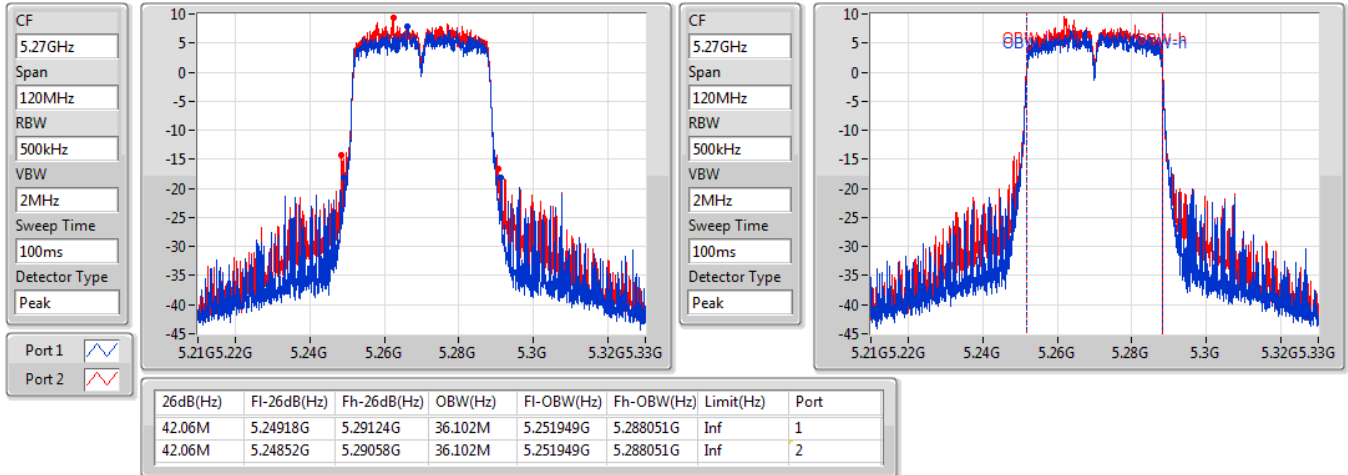


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

09/12/2019

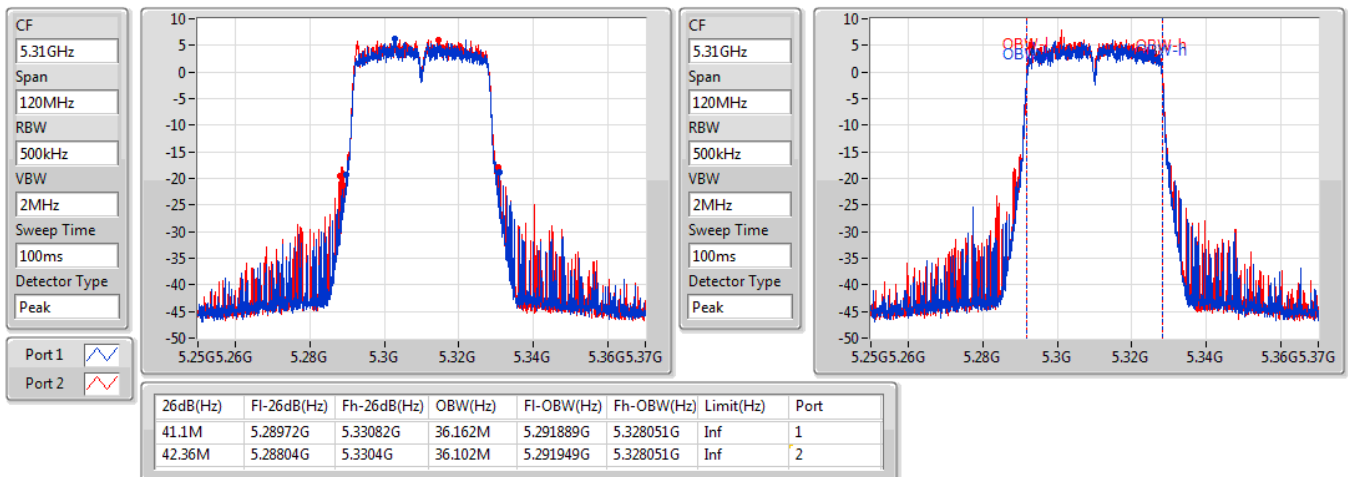


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

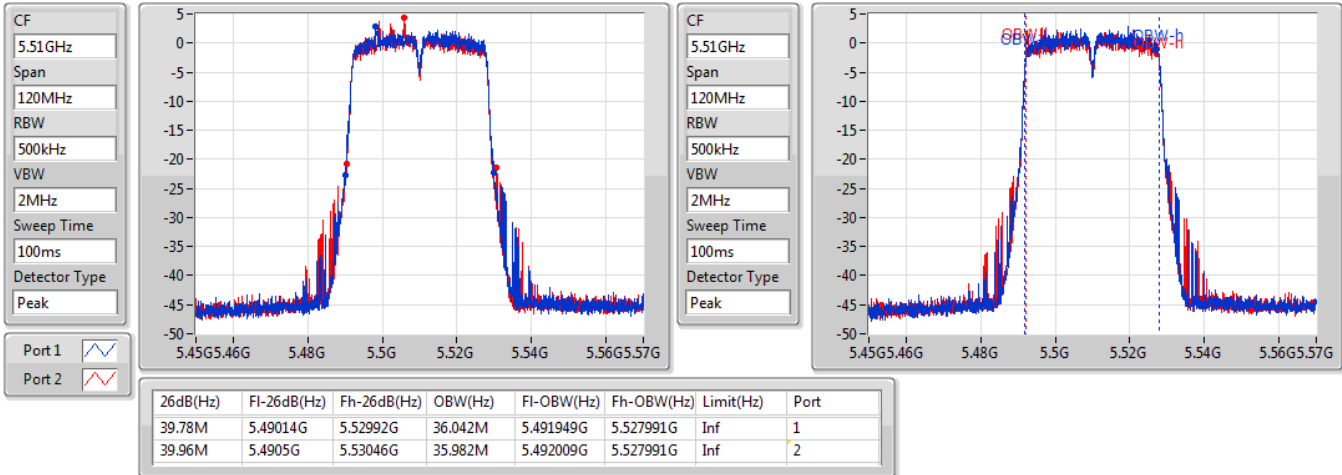
5310MHz

09/12/2019

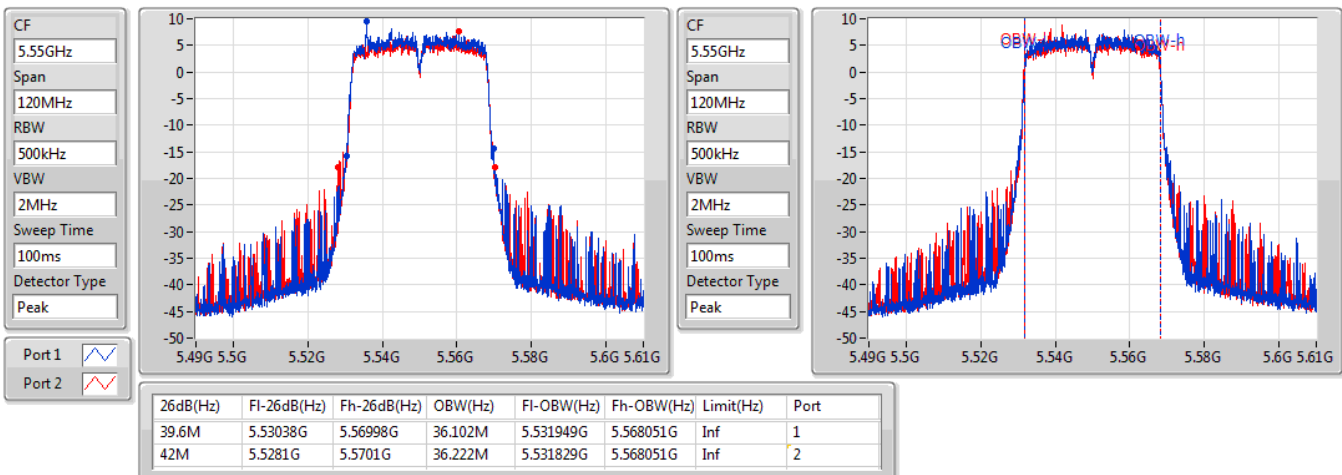


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

09/12/2019

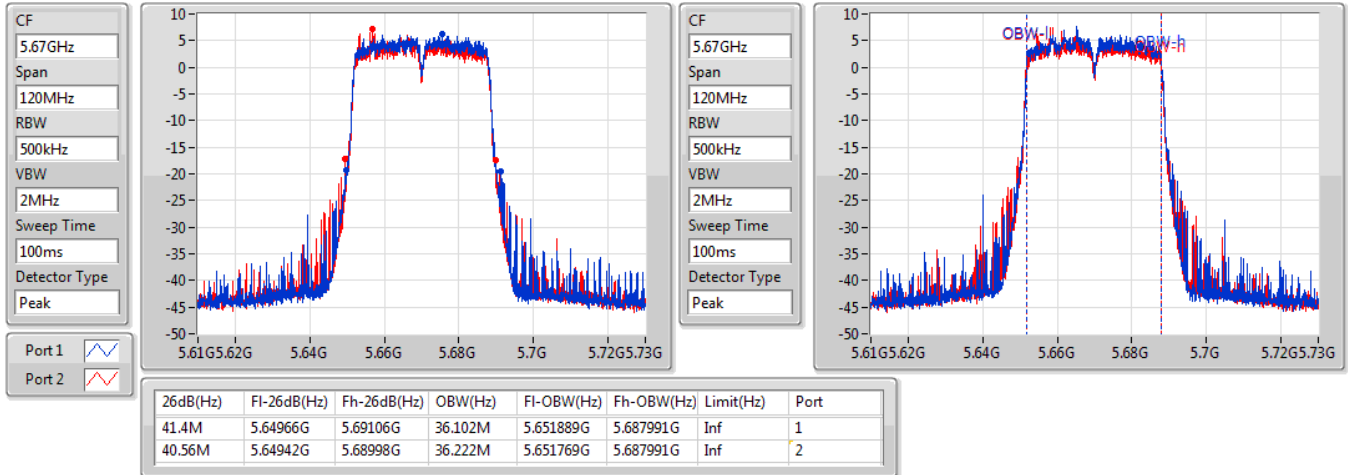

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

09/12/2019

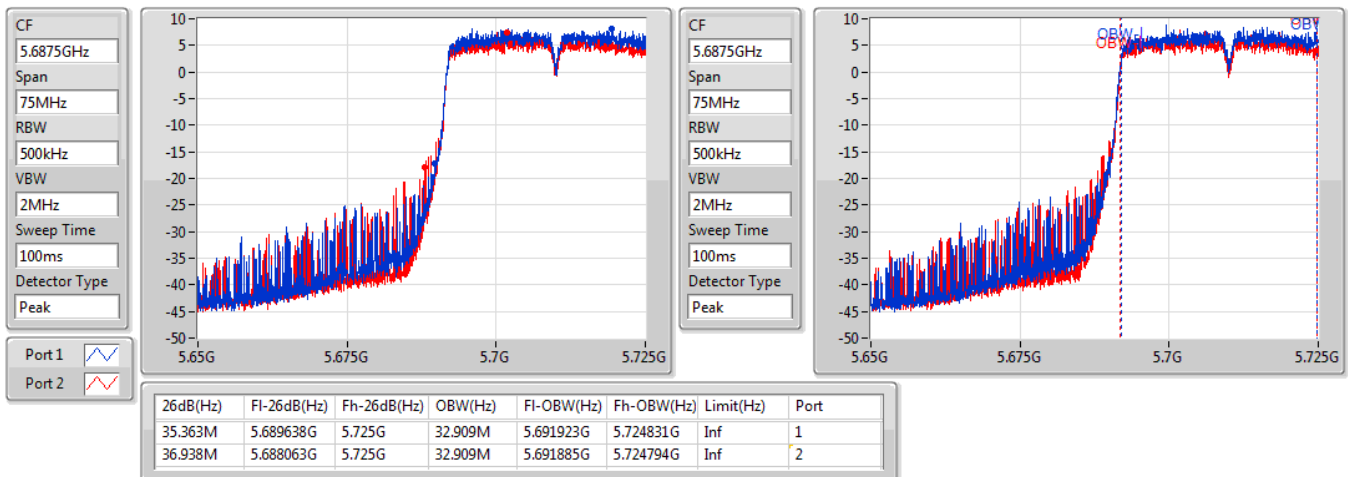


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

09/12/2019

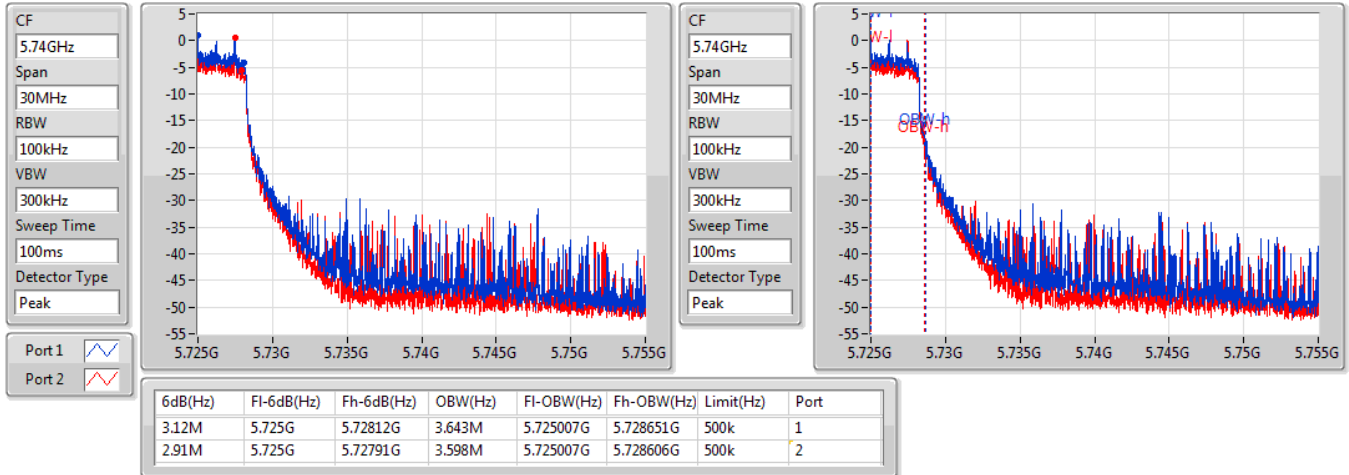

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

09/12/2019

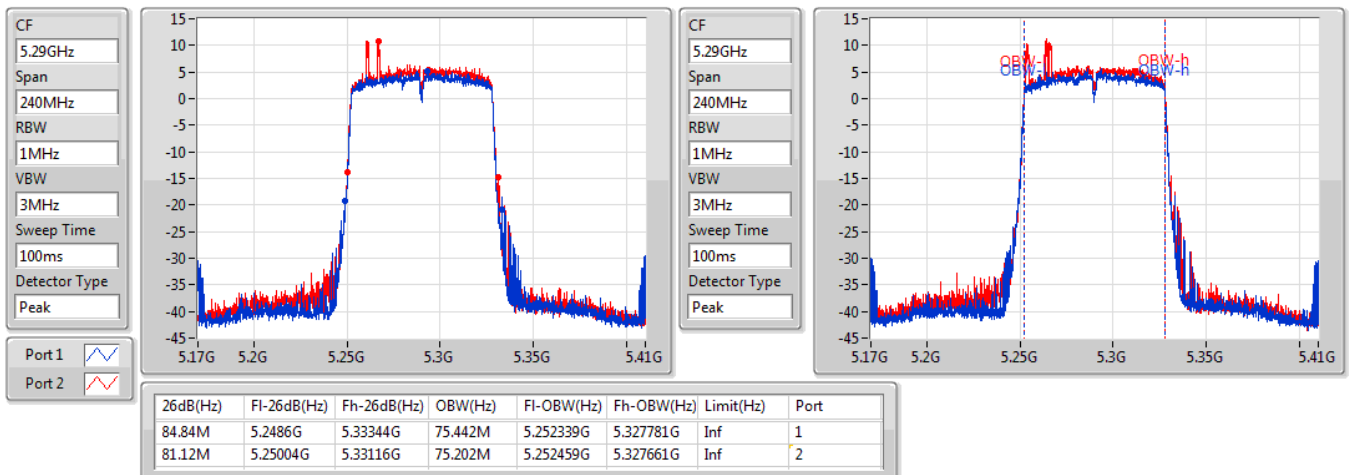


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

09/12/2019

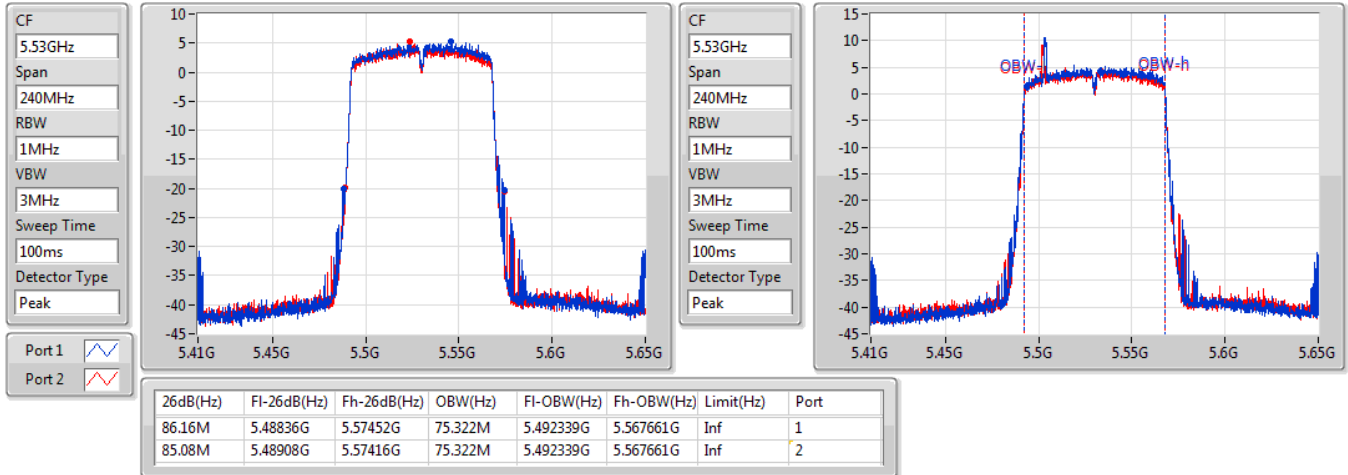

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

09/12/2019

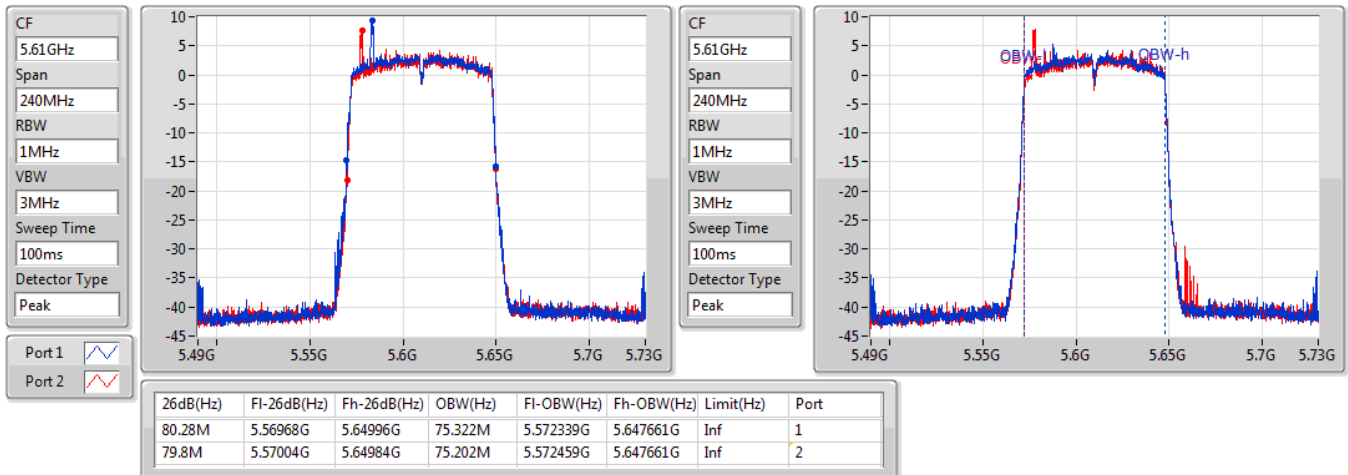


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

09/12/2019

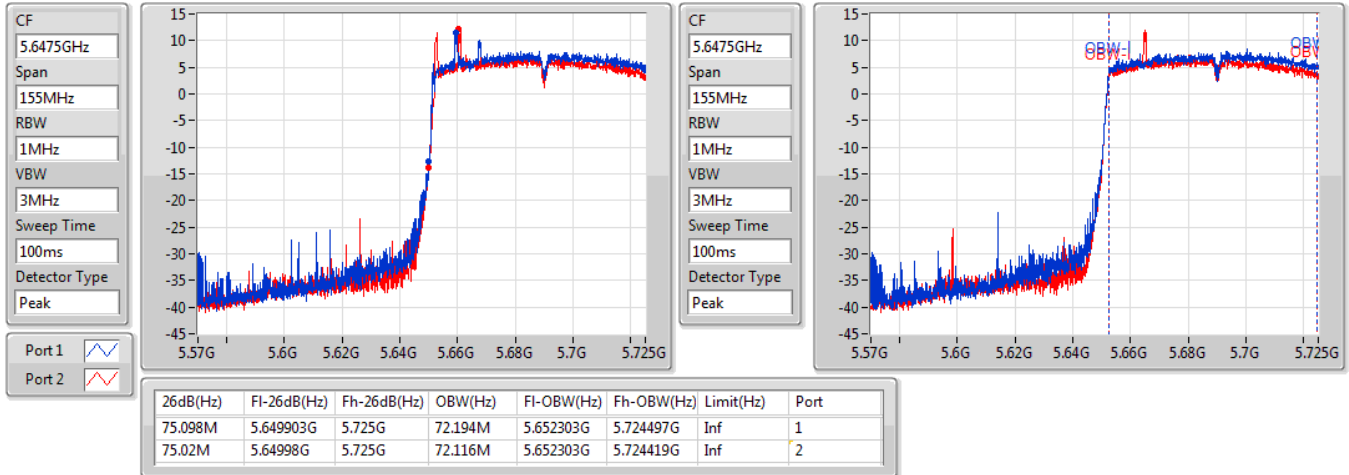

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

09/12/2019

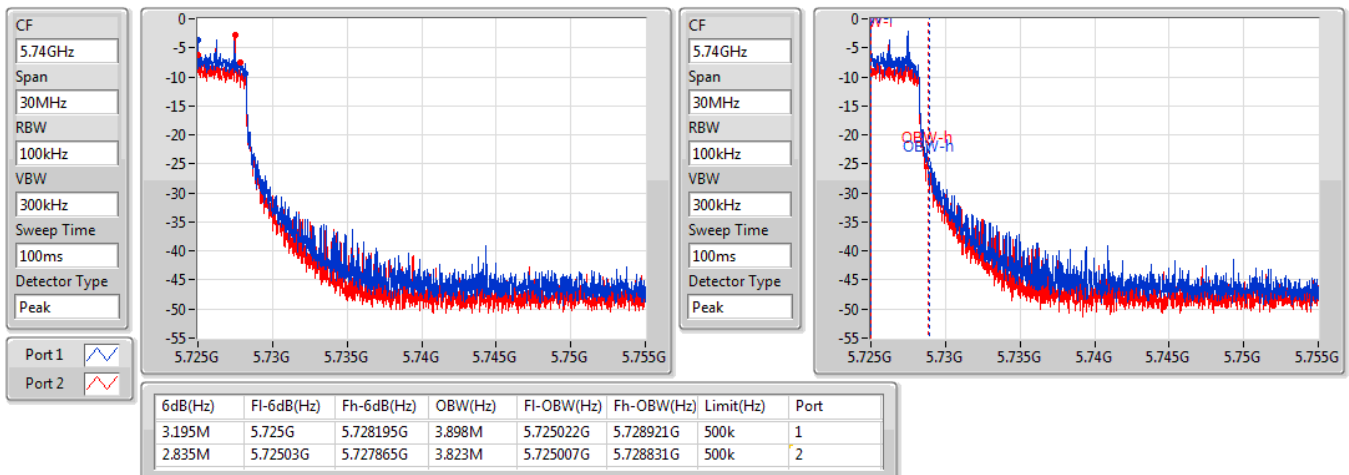


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

09/12/2019


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

09/12/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.52M	17.571M	17M6D1D	20.16M	17.571M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	43.62M	36.102M	36M1D1D	39.66M	36.042M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.24M	75.322M	75M3D1D	80.04M	75.322M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.55M	17.571M	17M6D1D	19.98M	17.571M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.68M	36.042M	36M0D1D	39.48M	36.042M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.72M	75.322M	75M3D1D	80.28M	75.082M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.15M	17.601M	17M6D1D	15.155M	13.783M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.44M	36.042M	36M0D1D	34.875M	32.871M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.2M	75.322M	75M3D1D	75.098M	72.116M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.7M	17.571M	17M6D1D	15.173M	13.783M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.56M	36.102M	36M1D1D	34.763M	32.909M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	75.442M	75M4D1D	74.865M	72.039M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.75M	4.018M	4M02D1D	3.75M	4.003M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.195M	3.538M	3M54D1D	3.165M	3.523M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.195M	3.778M	3M78D1D	3.18M	3.778M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.75M	4.033M	4M03D1D	3.735M	3.988M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.195M	3.523M	3M52D1D	3.18M	3.508M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.195M	3.793M	3M79D1D	3.18M	3.733M

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;