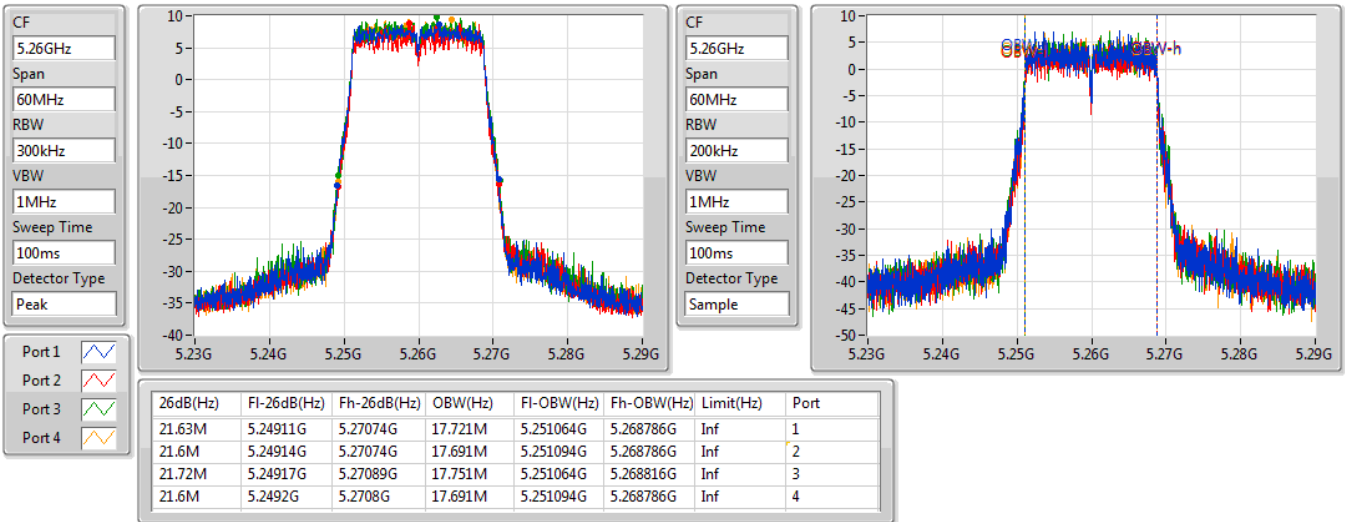
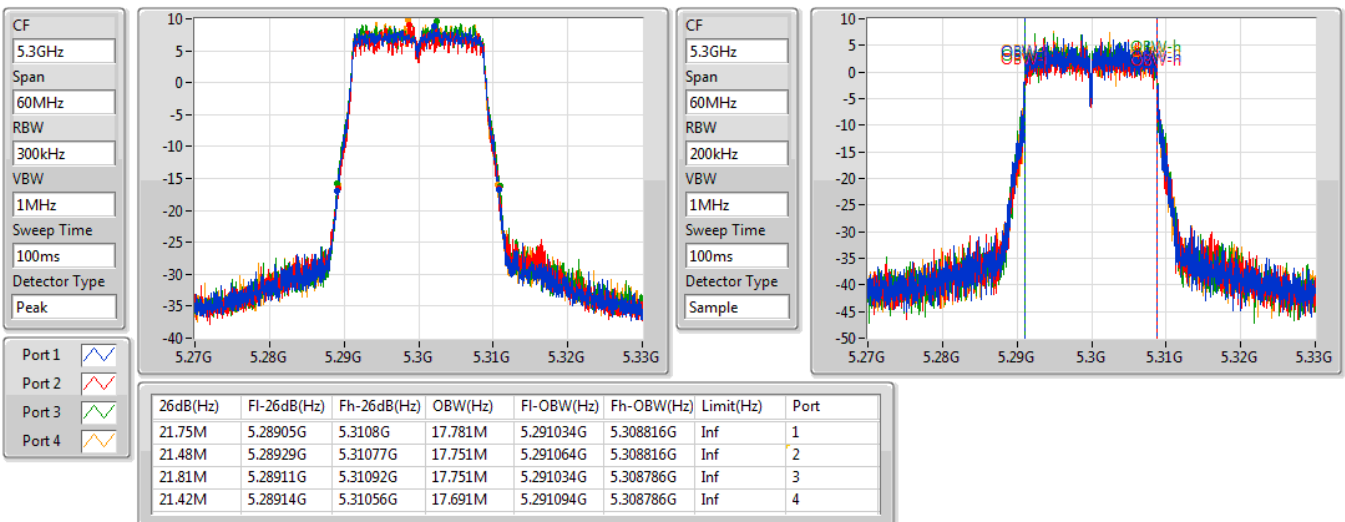


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5260MHz

29/10/2019

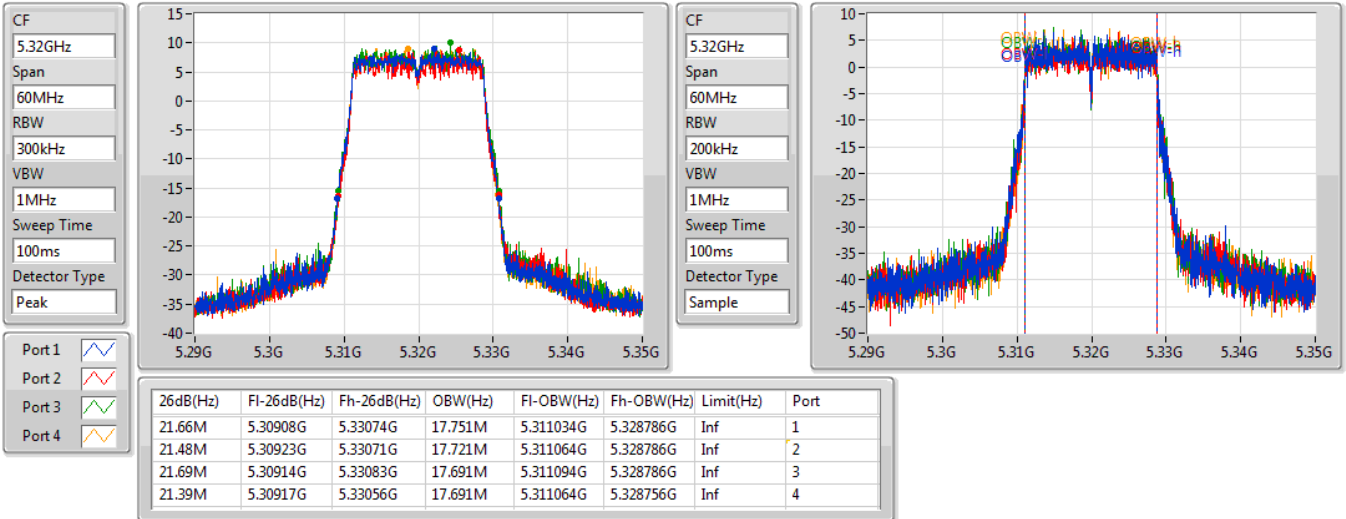

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5300MHz

29/10/2019

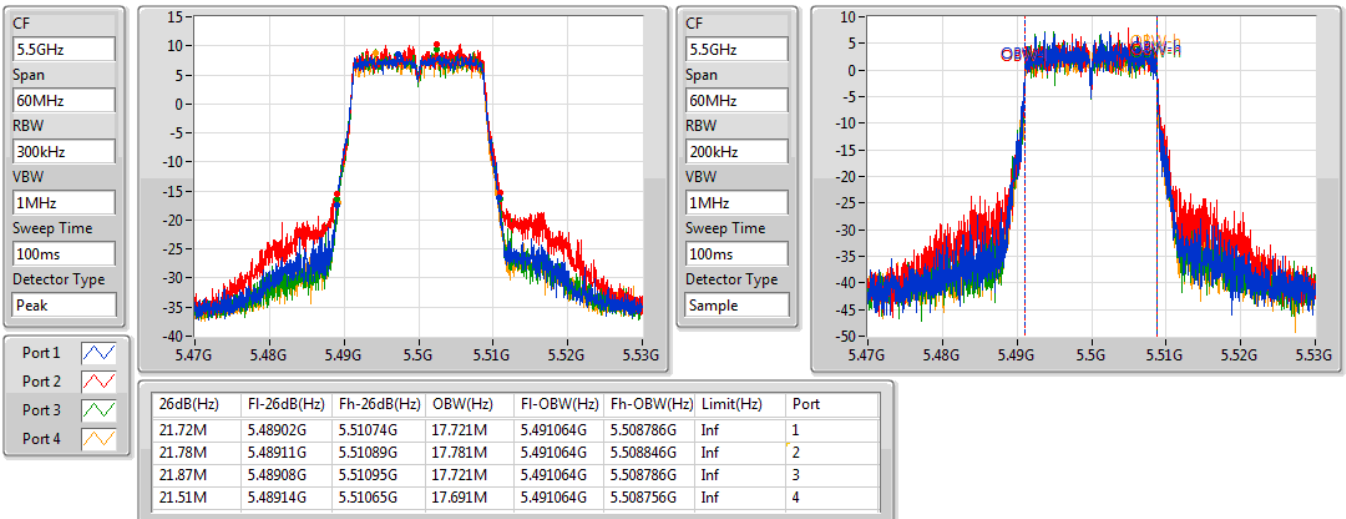


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5320MHz

29/10/2019

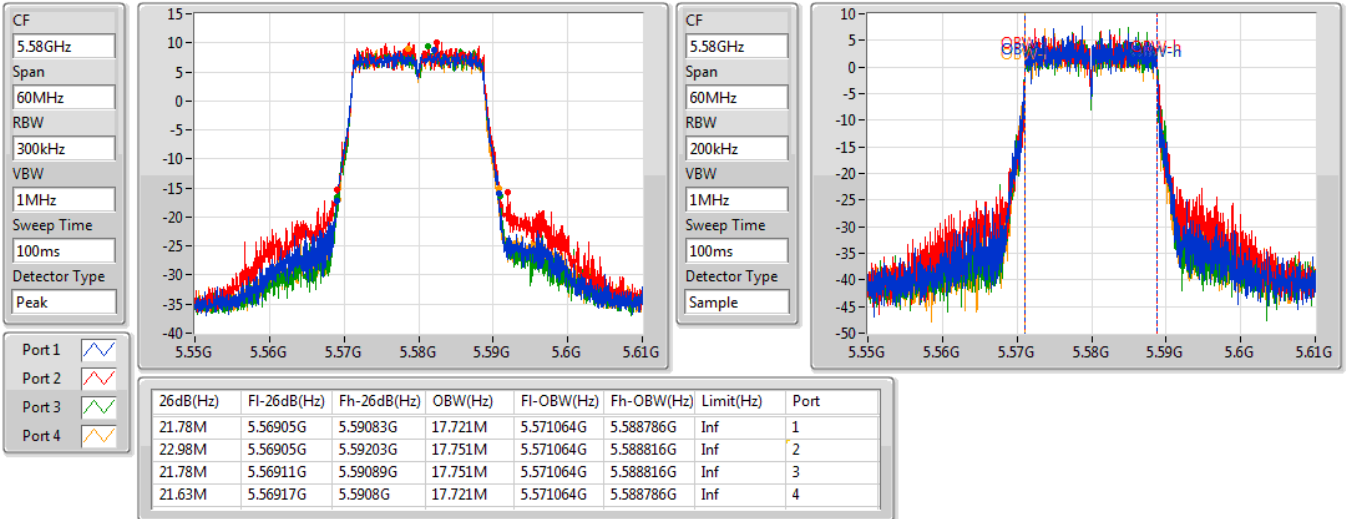

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5500MHz

29/10/2019

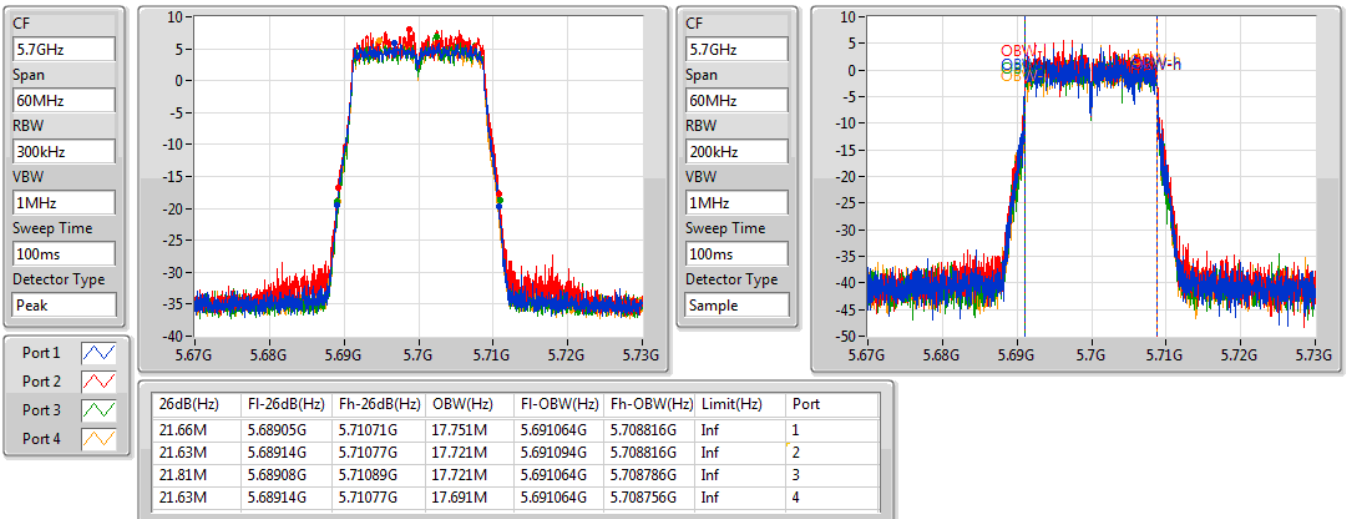


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5580MHz

29/10/2019

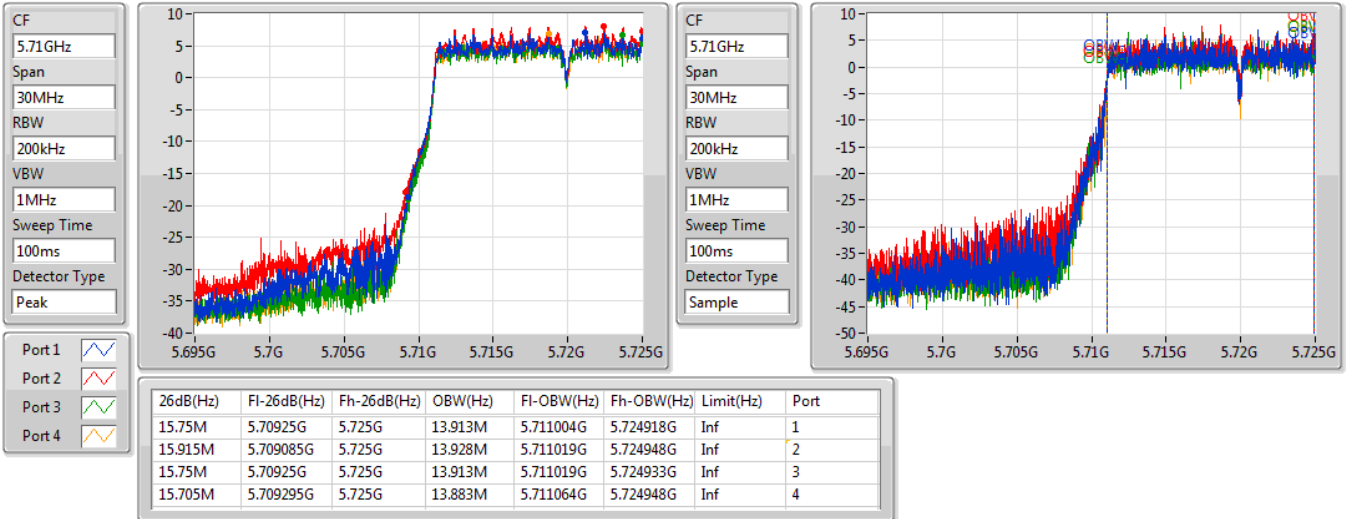

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5700MHz

29/10/2019

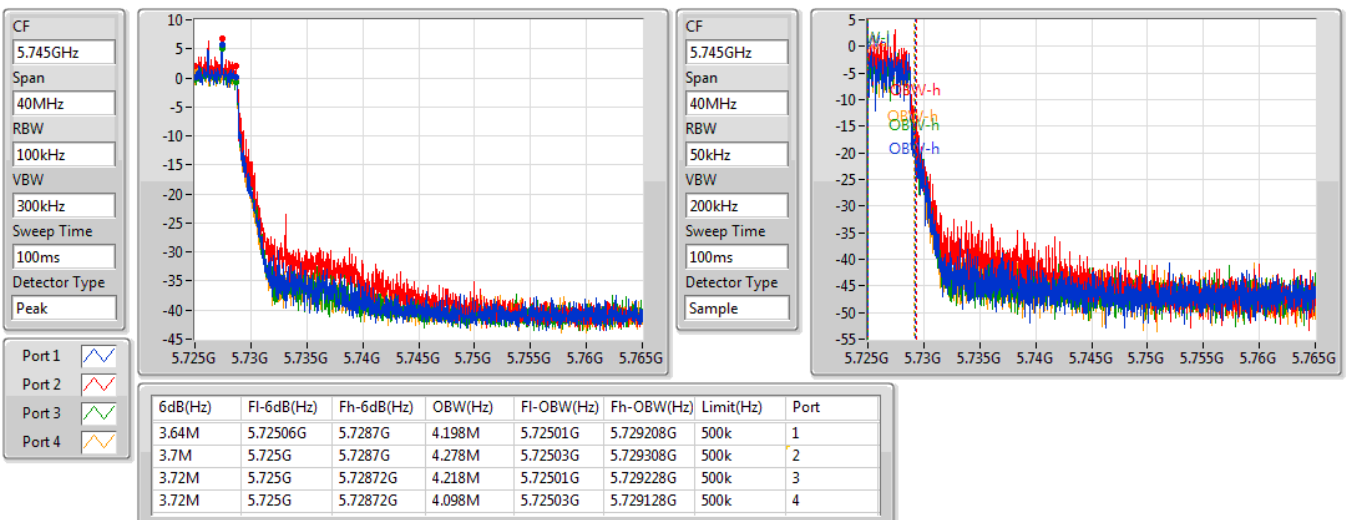


802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

29/10/2019

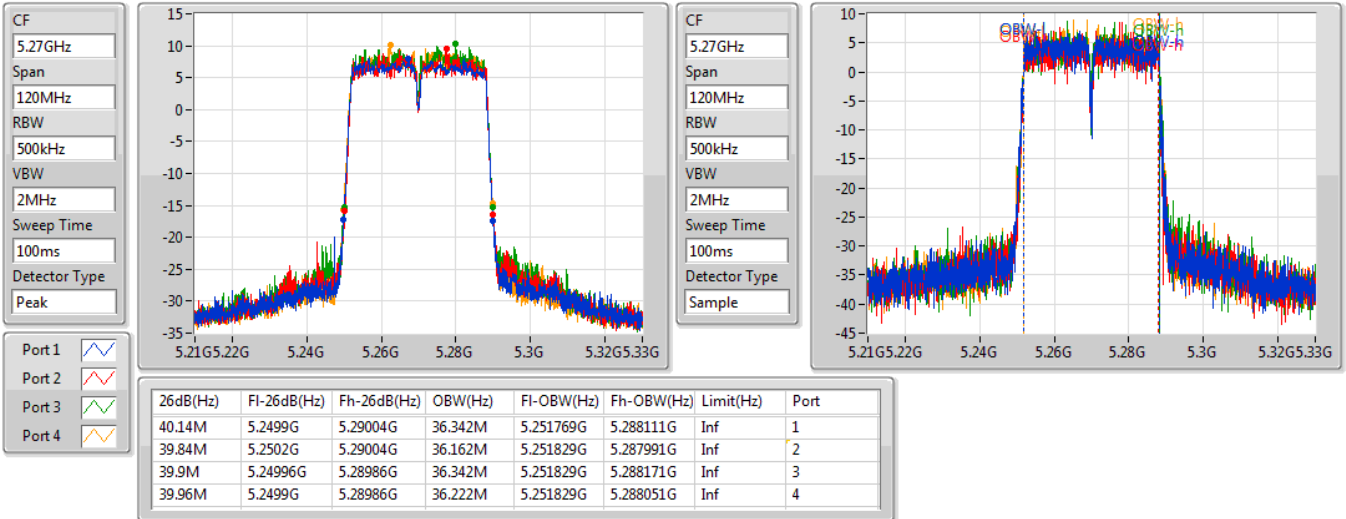

802.11ac VHT20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/10/2019

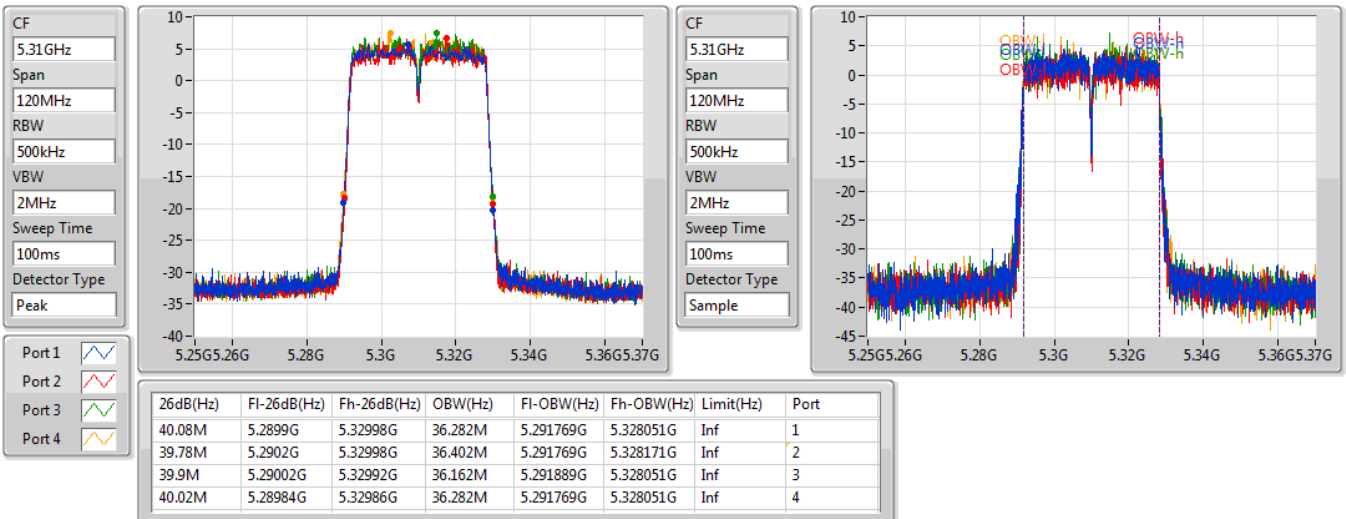


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5270MHz

29/10/2019

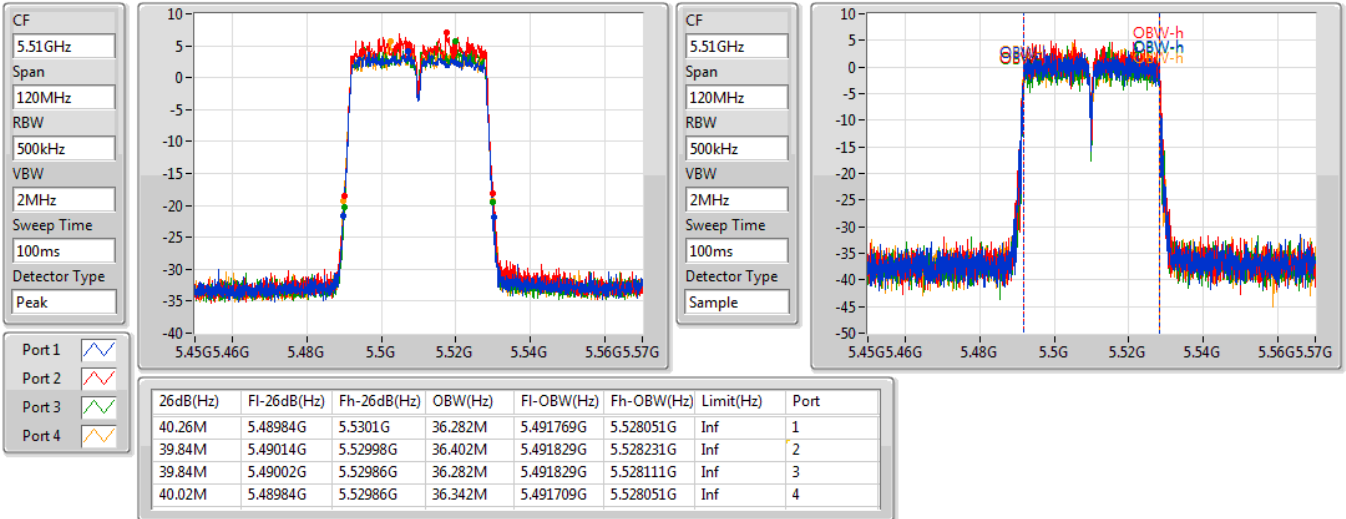

802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5310MHz

29/10/2019

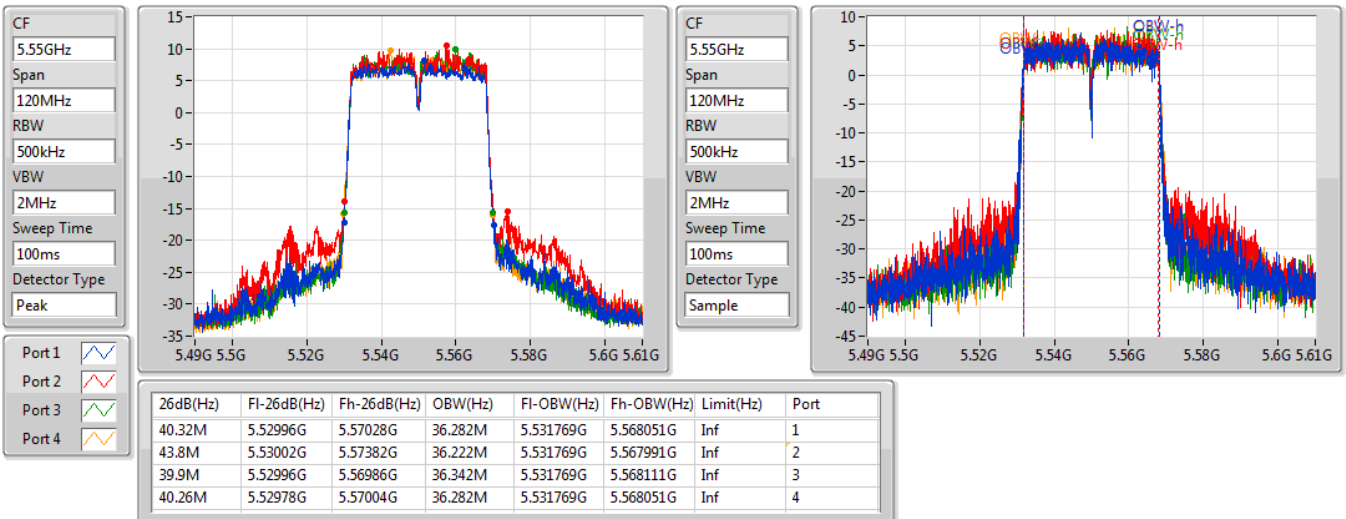


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5510MHz

29/10/2019

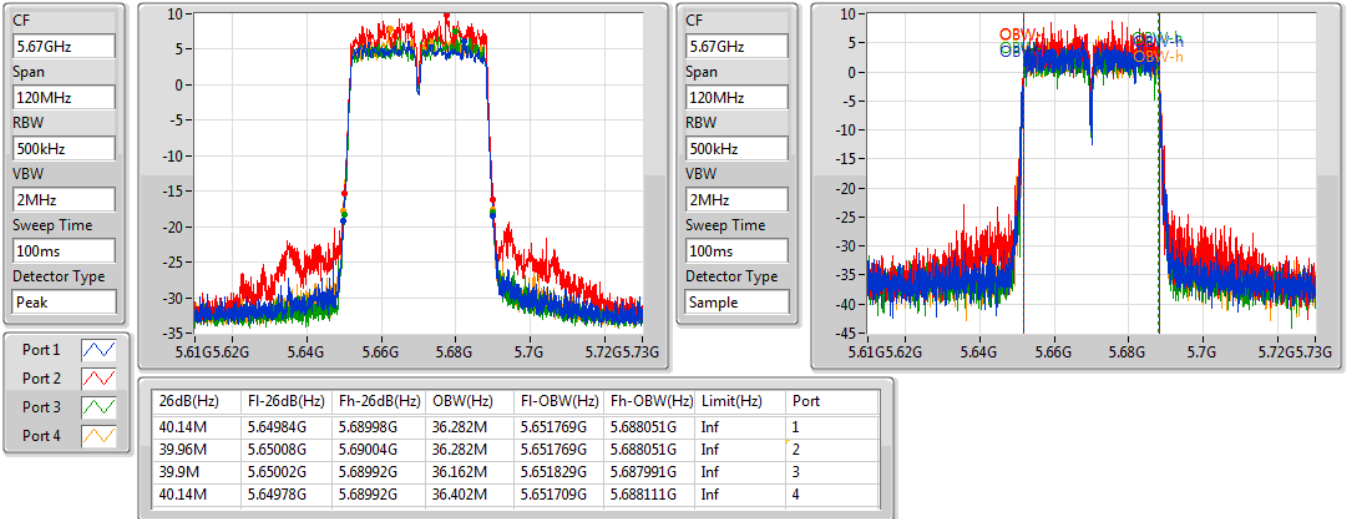

802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5550MHz

29/10/2019

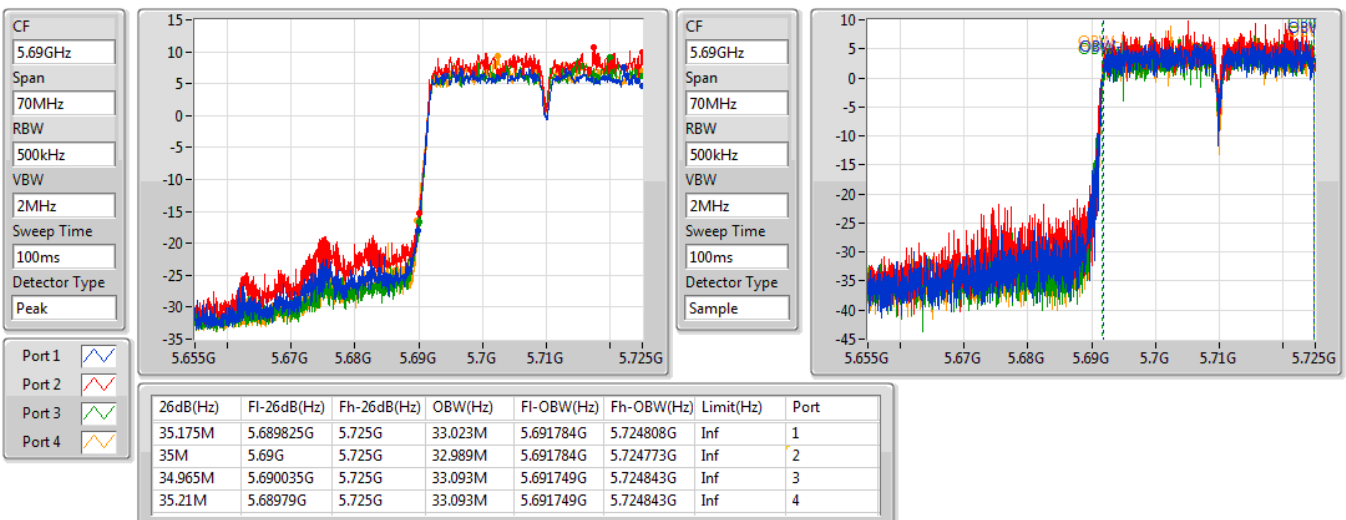


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5670MHz

29/10/2019

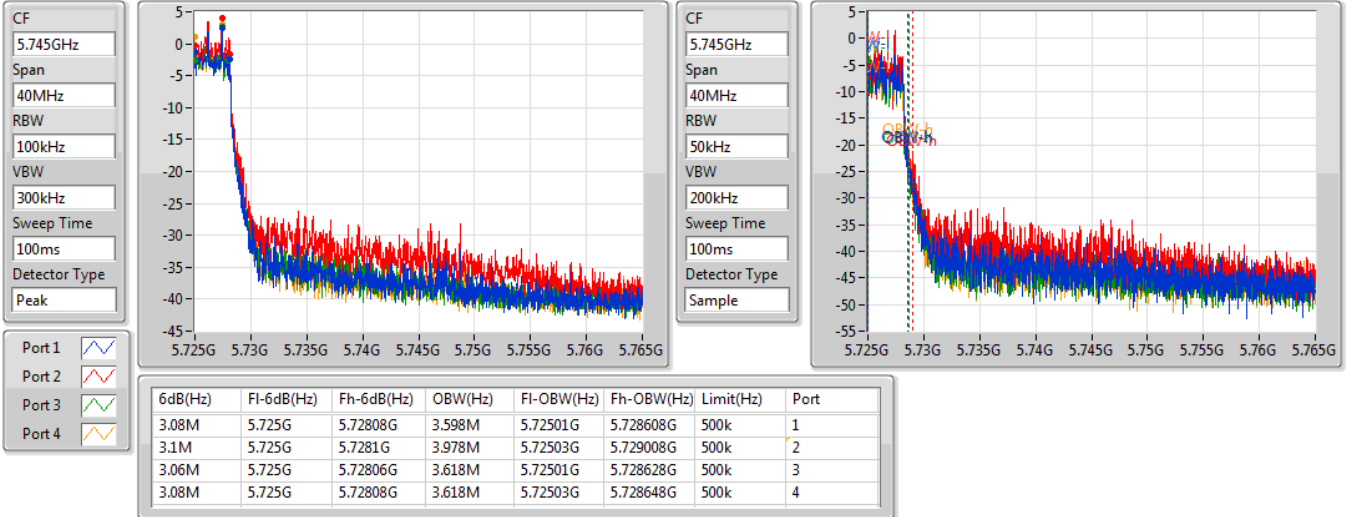

802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

29/10/2019

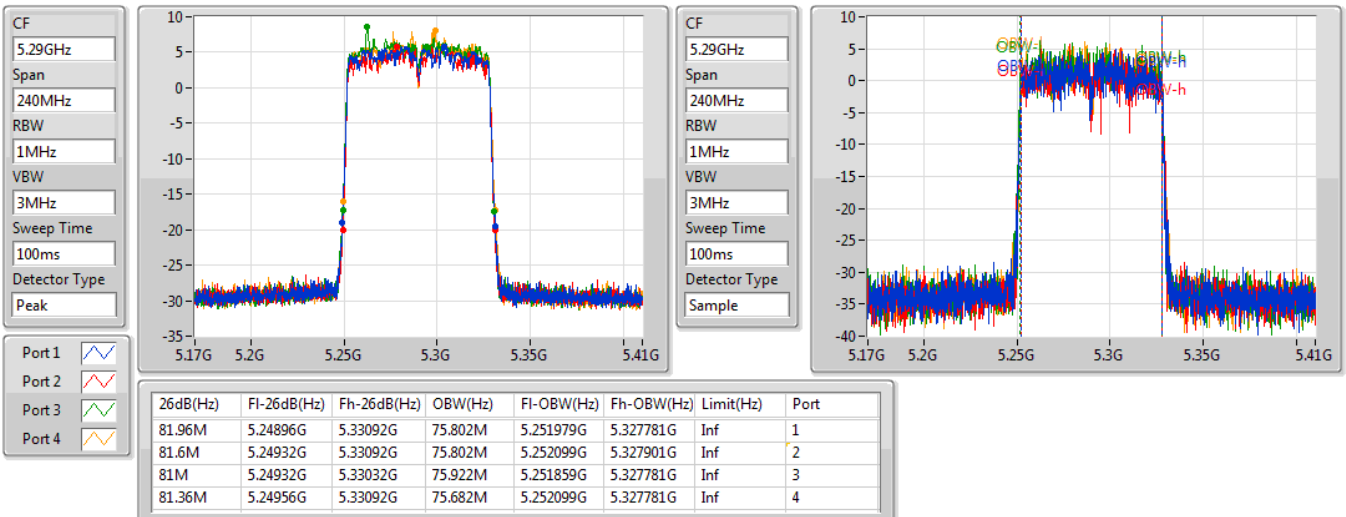


802.11ac VHT40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

29/10/2019

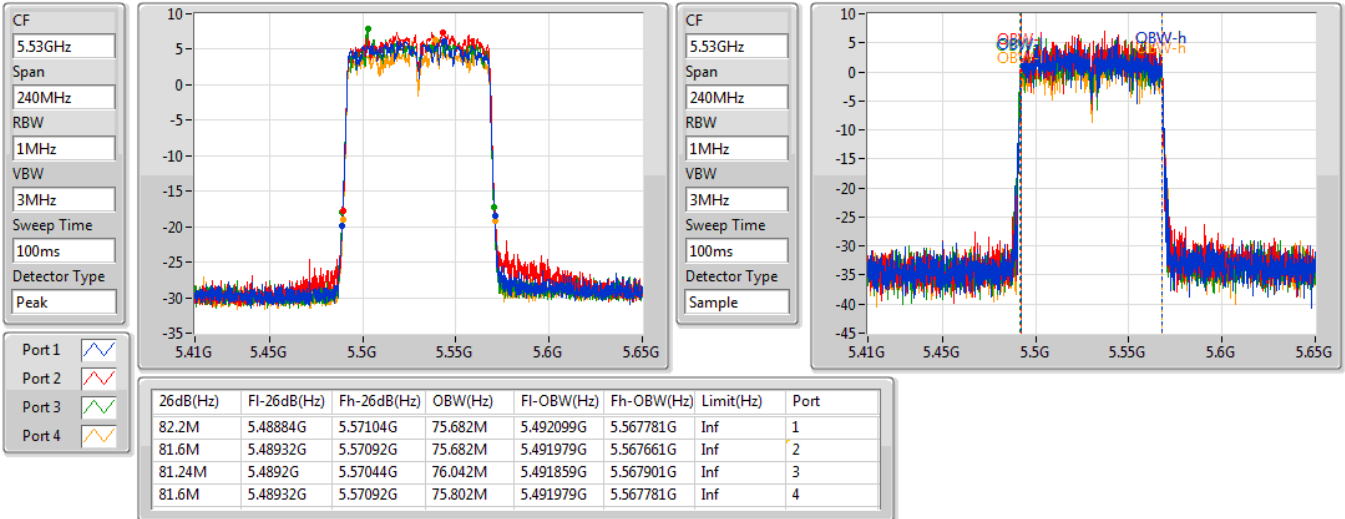

802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5290MHz

29/10/2019

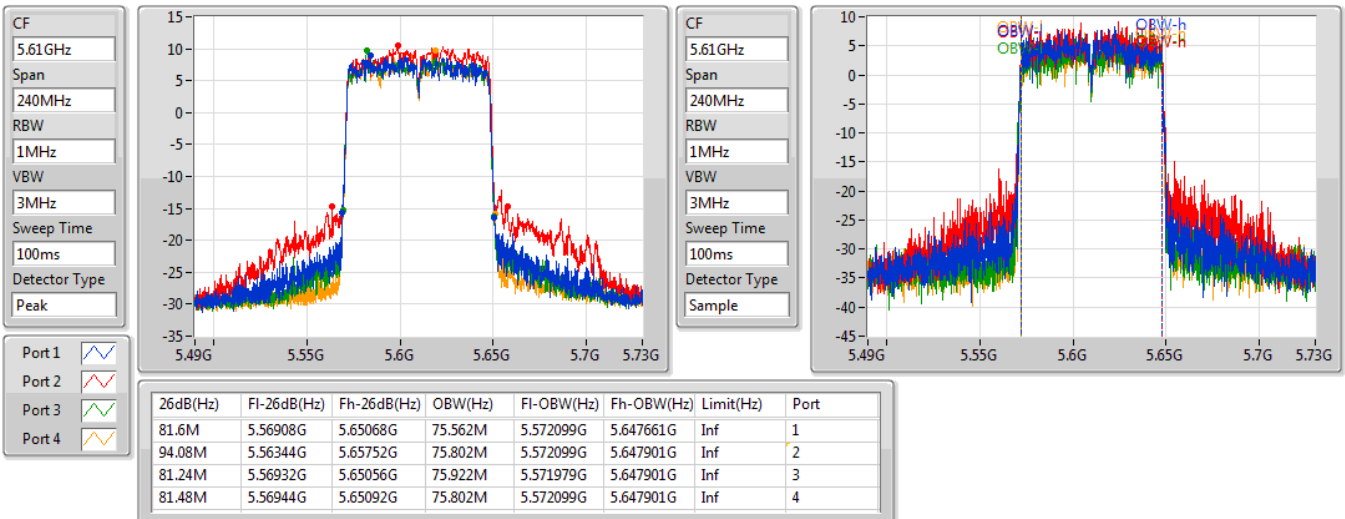


802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5530MHz

29/10/2019

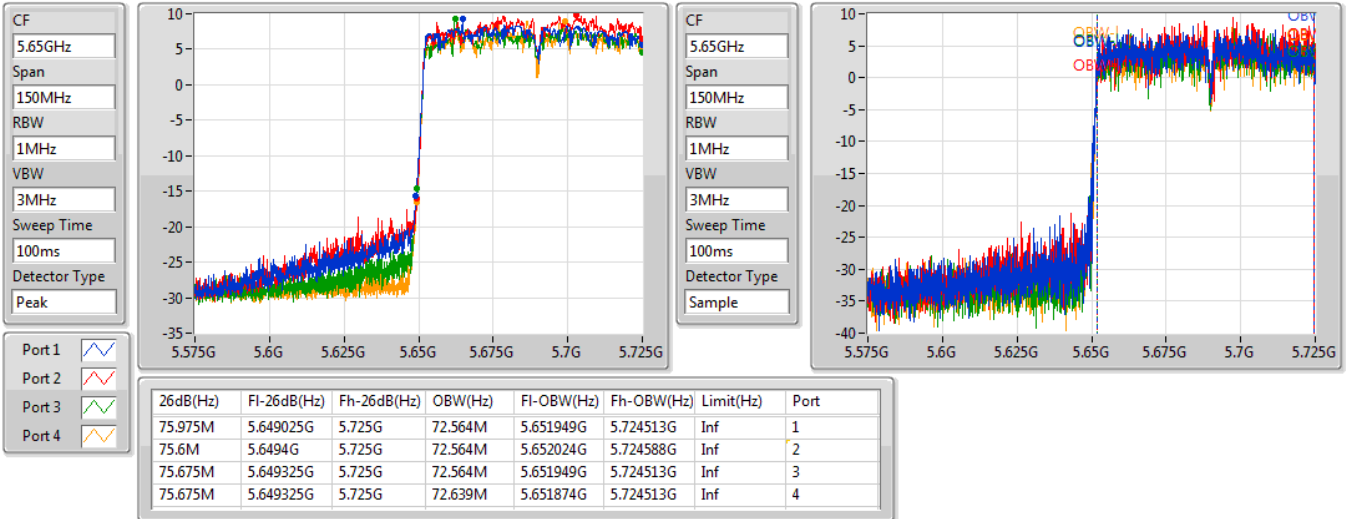

802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5610MHz

29/10/2019

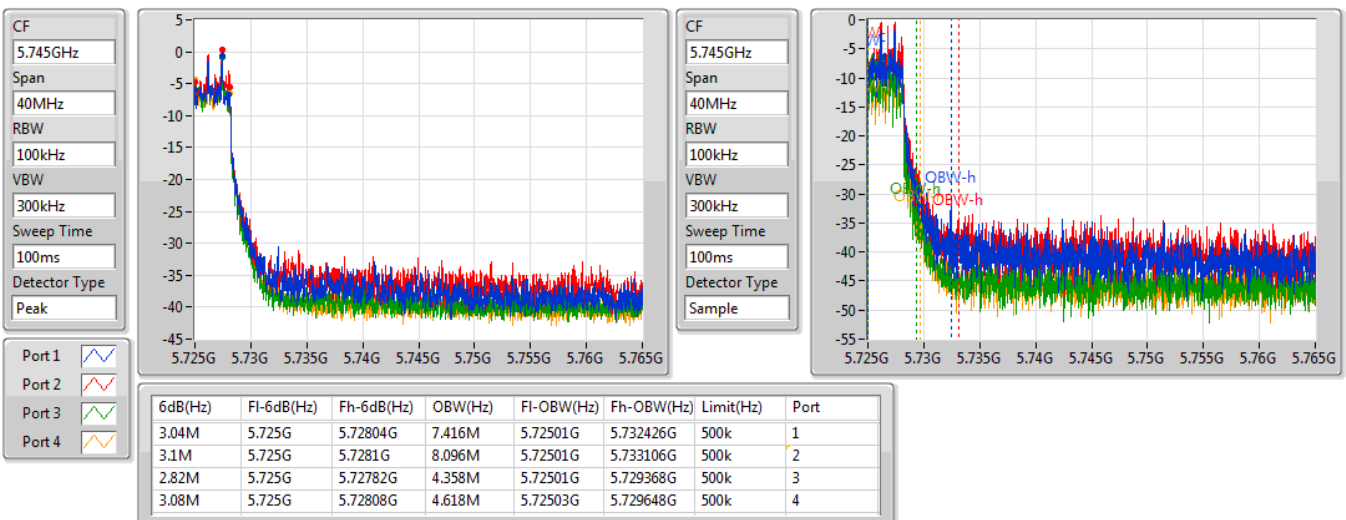


802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

29/10/2019

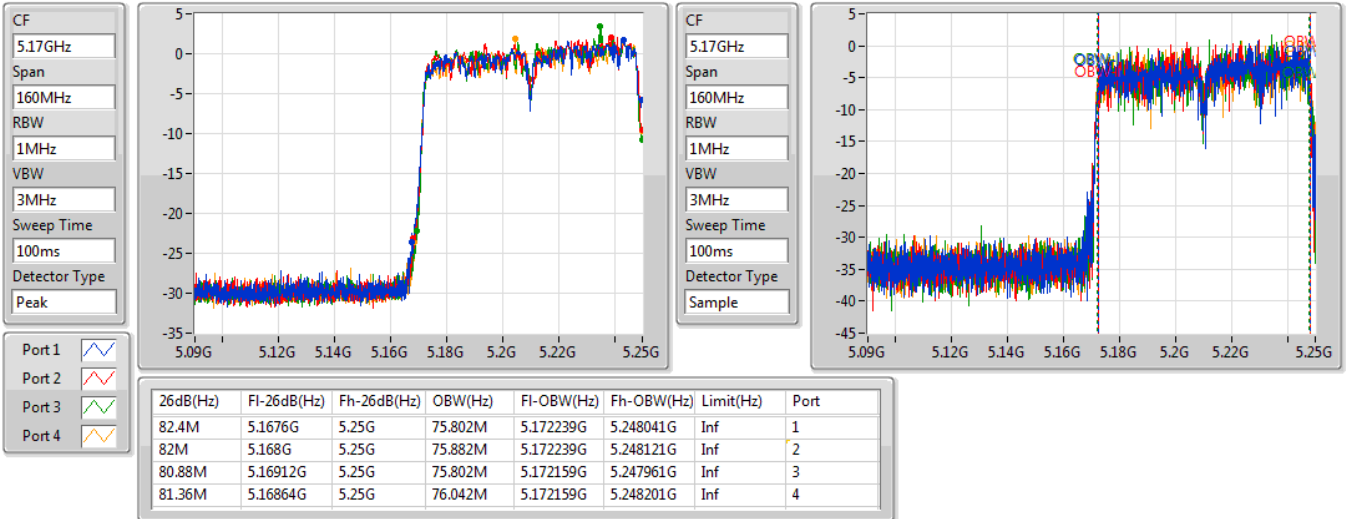

802.11ac VHT80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

29/10/2019

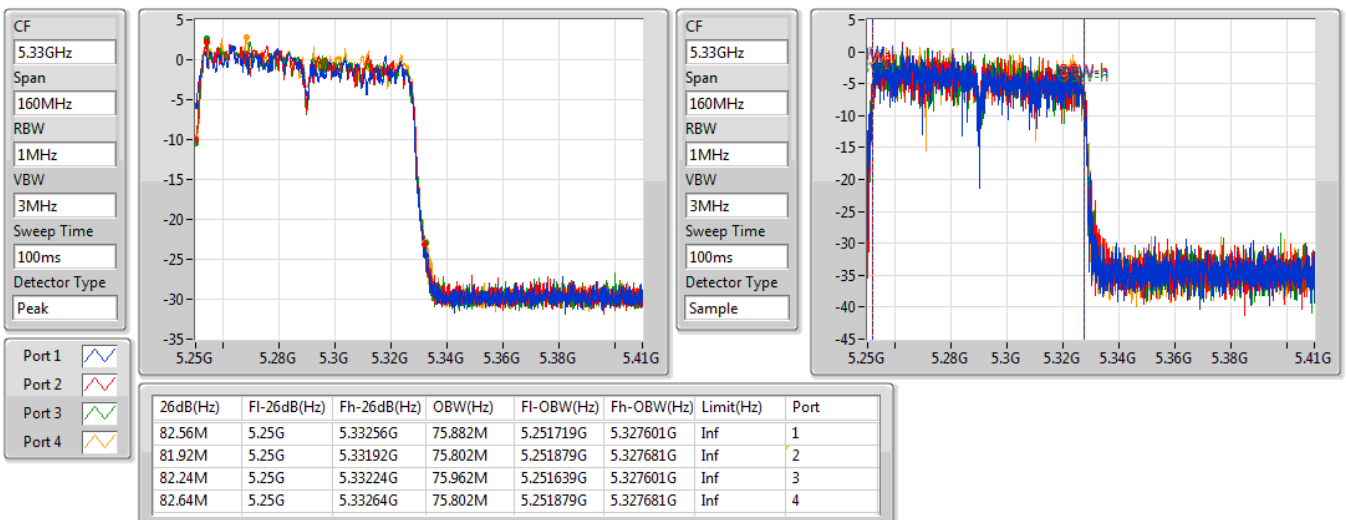


802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

29/10/2019

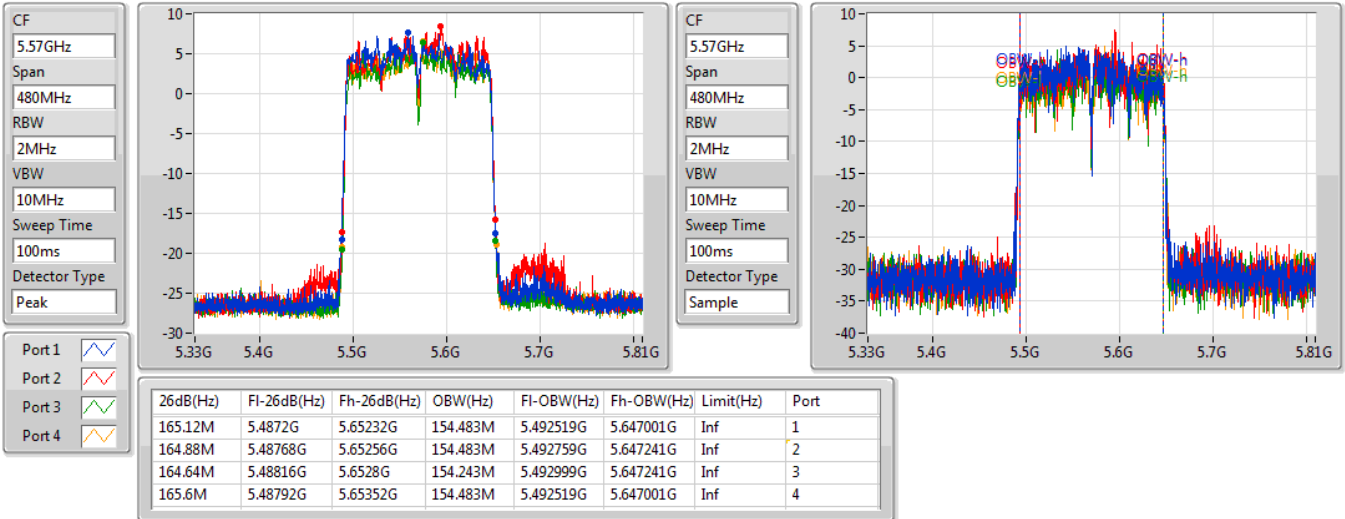

802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

29/10/2019

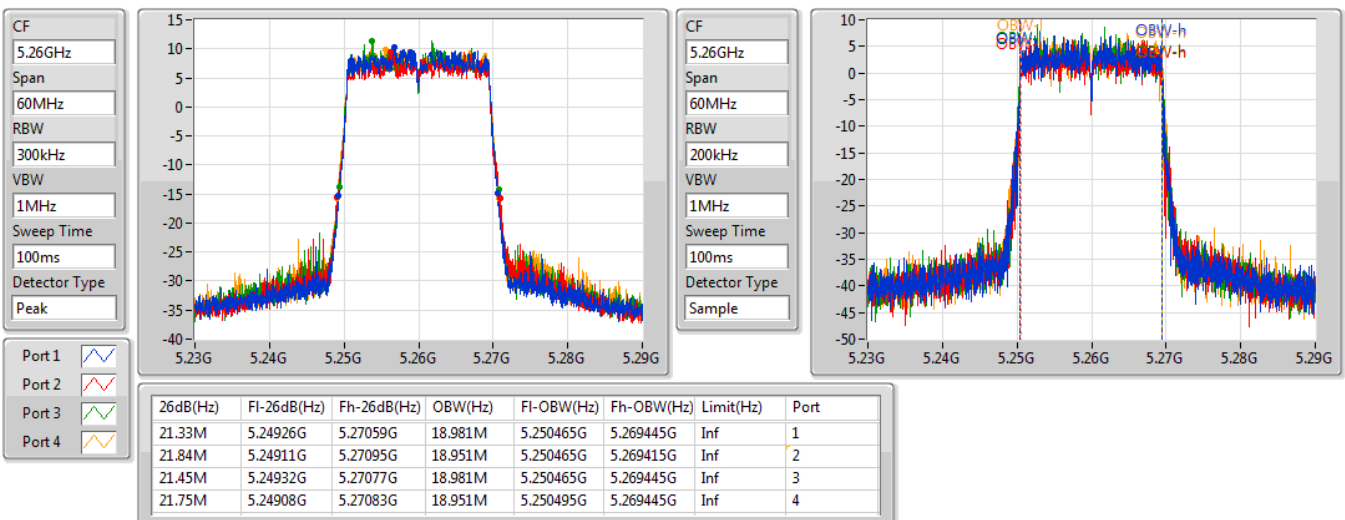


802.11ac VHT160_Nss4,(MCS0)_4TX
EBW
5570MHz

29/10/2019

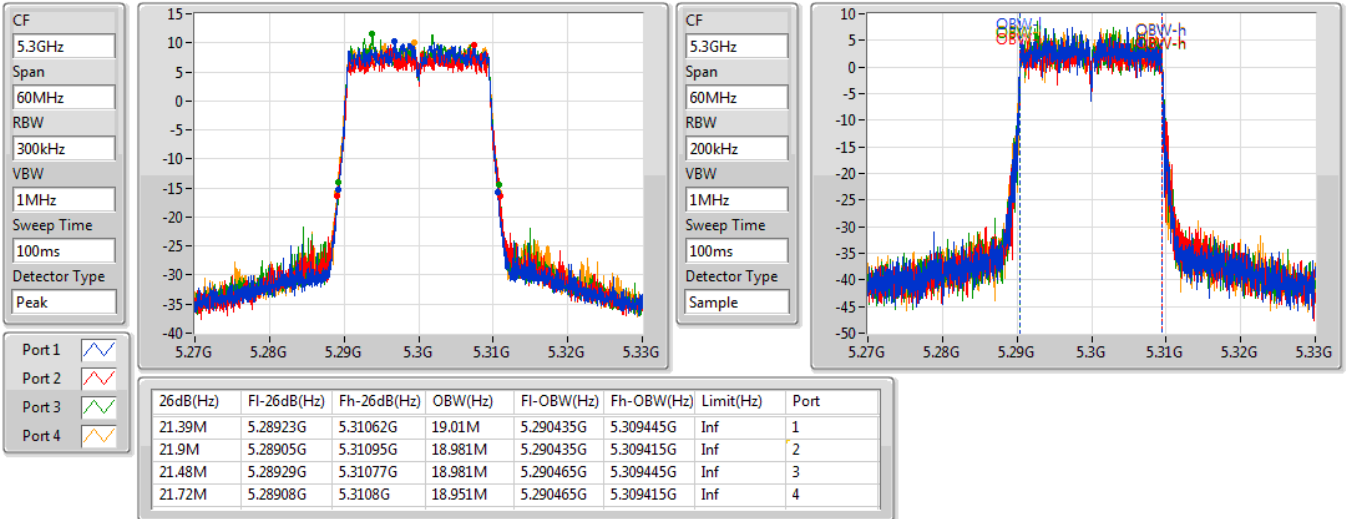

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5260MHz

29/10/2019

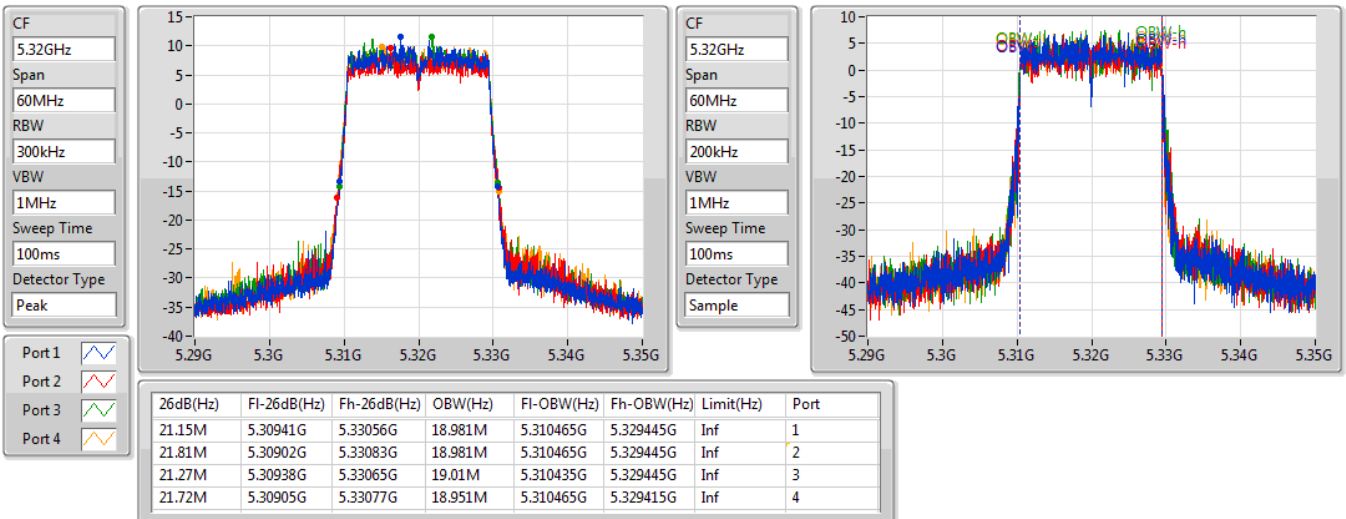


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5300MHz

29/10/2019

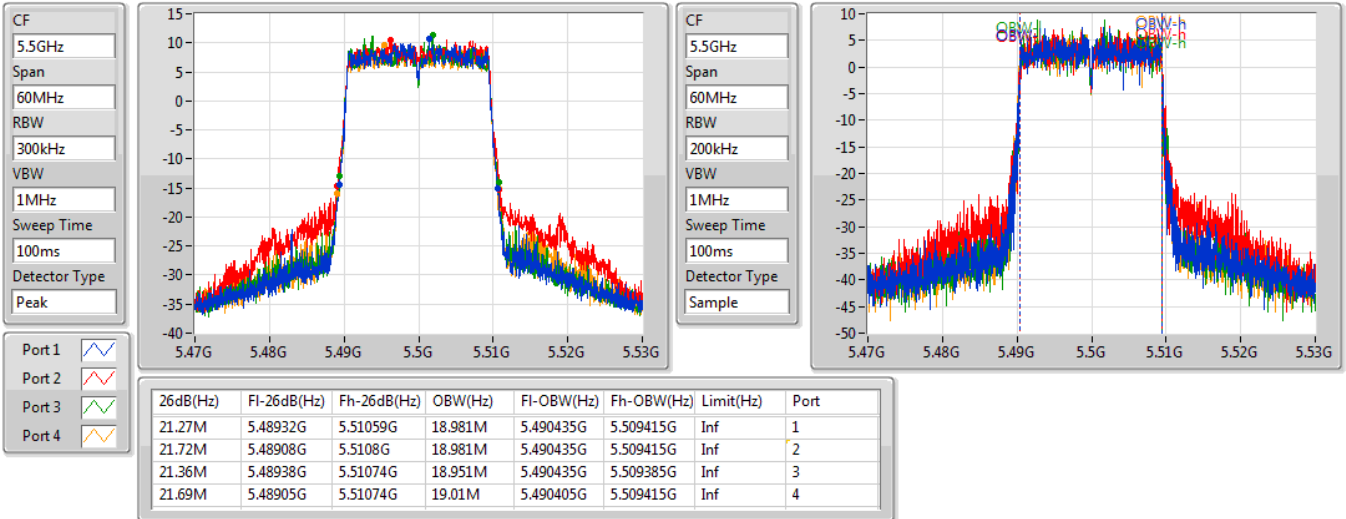

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5320MHz

29/10/2019

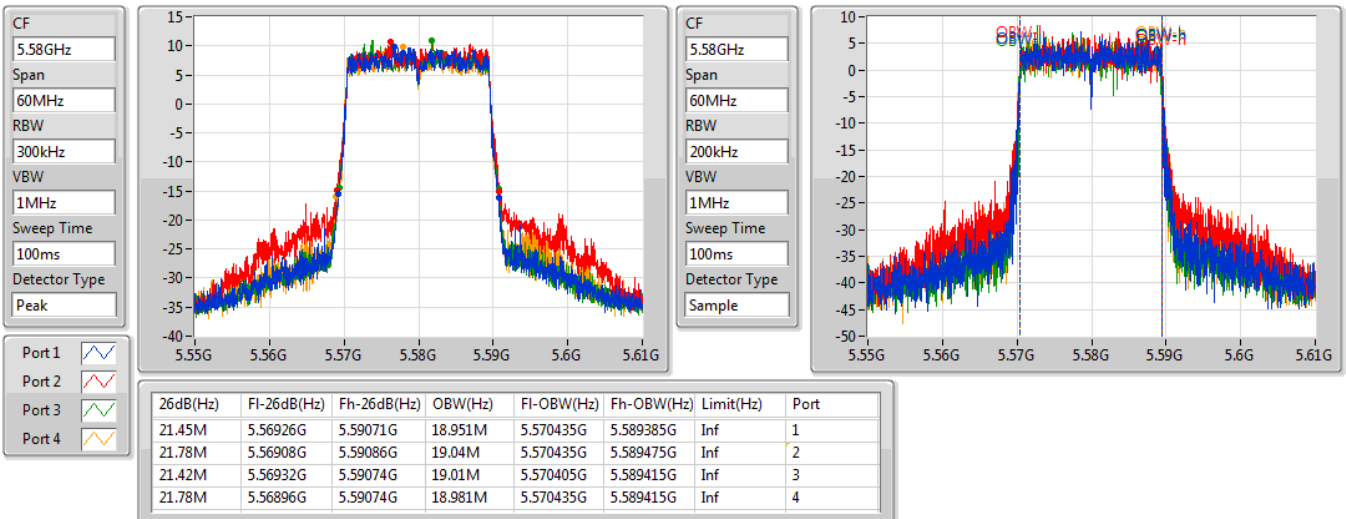


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5500MHz

29/10/2019

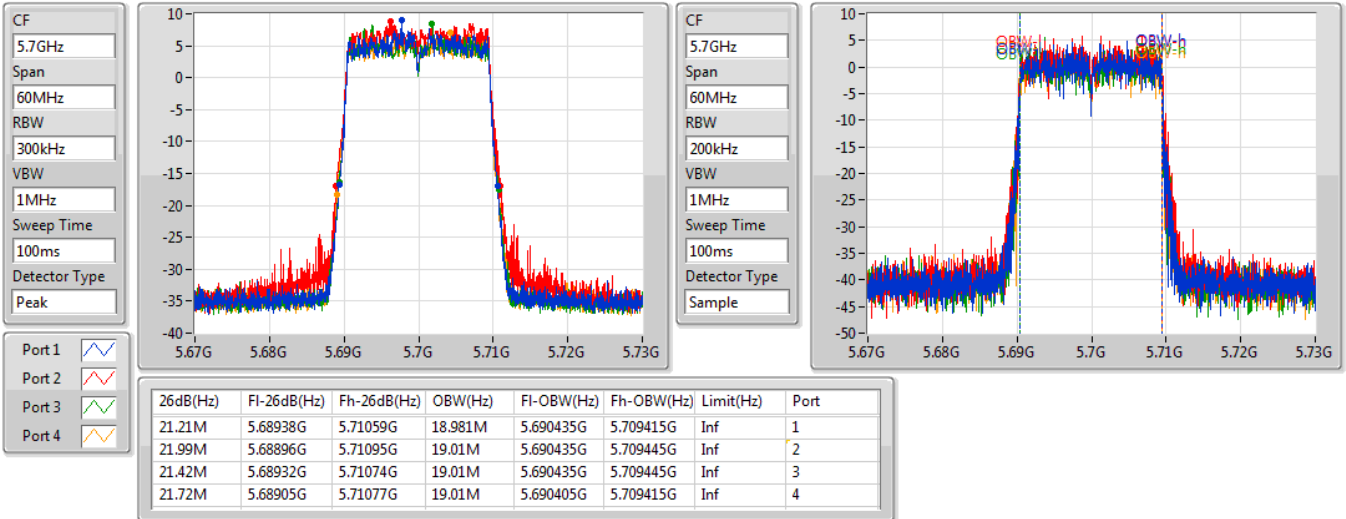

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5580MHz

29/10/2019

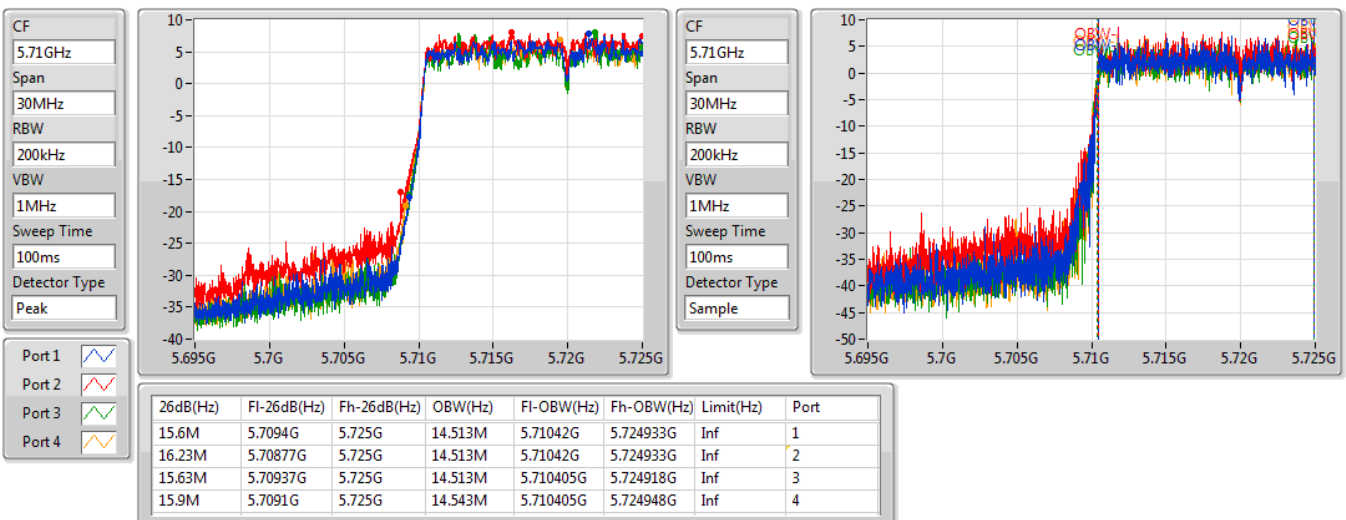


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5700MHz

29/10/2019

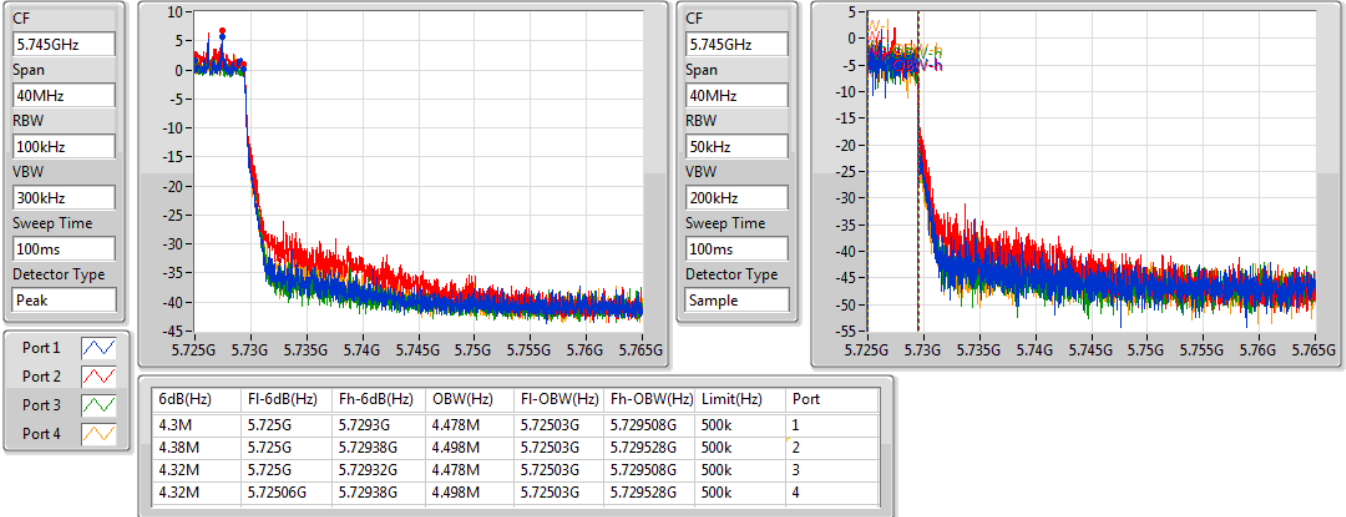

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

29/10/2019

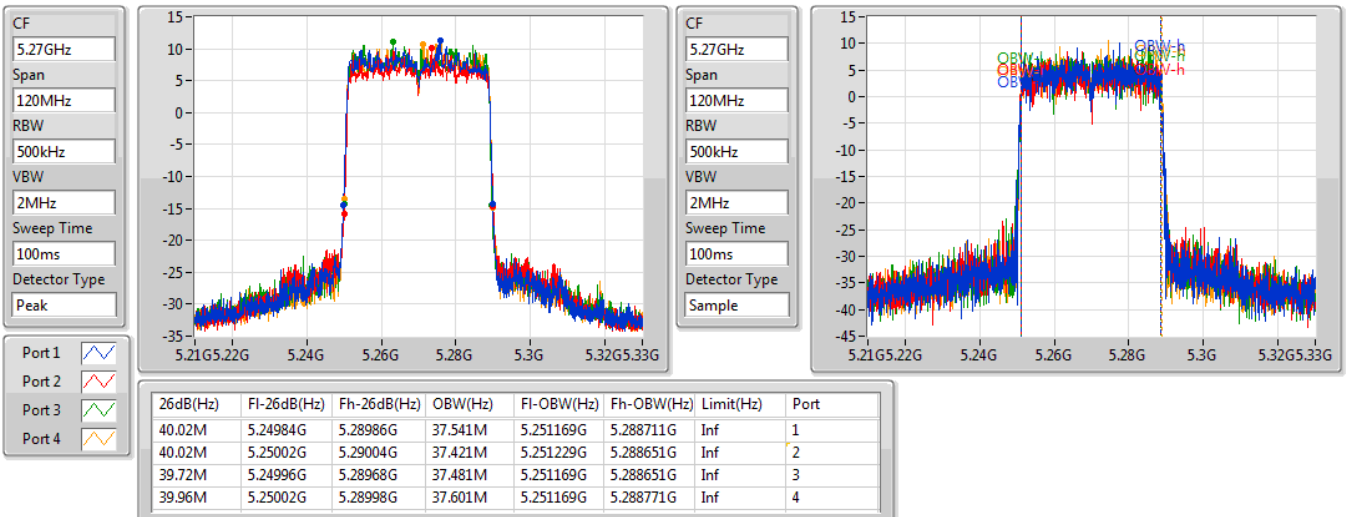


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

29/10/2019

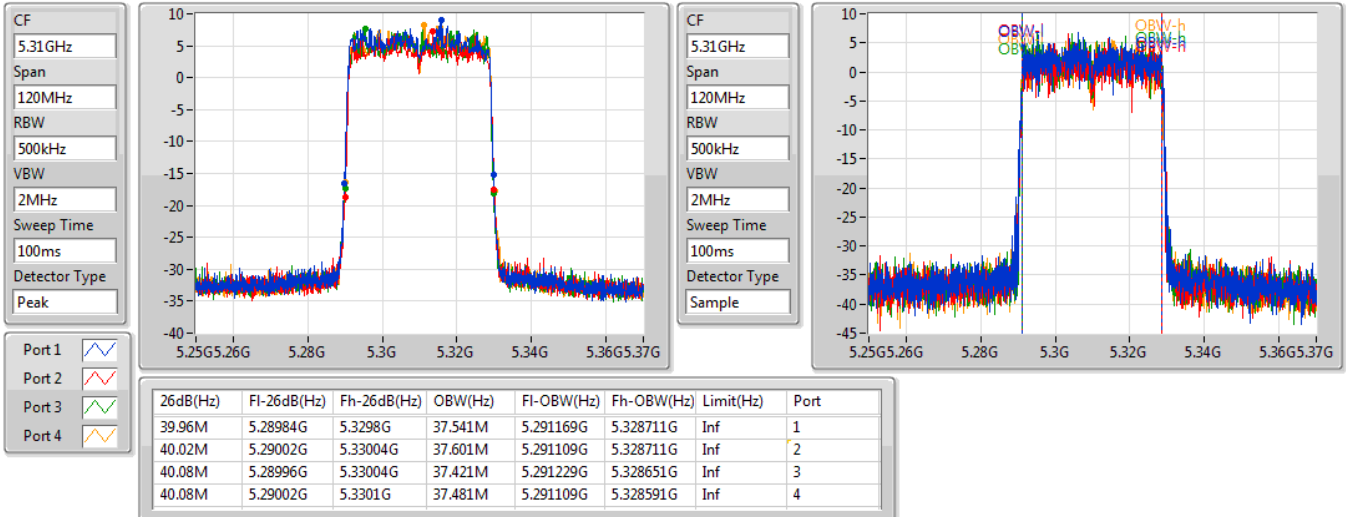

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5270MHz

29/10/2019

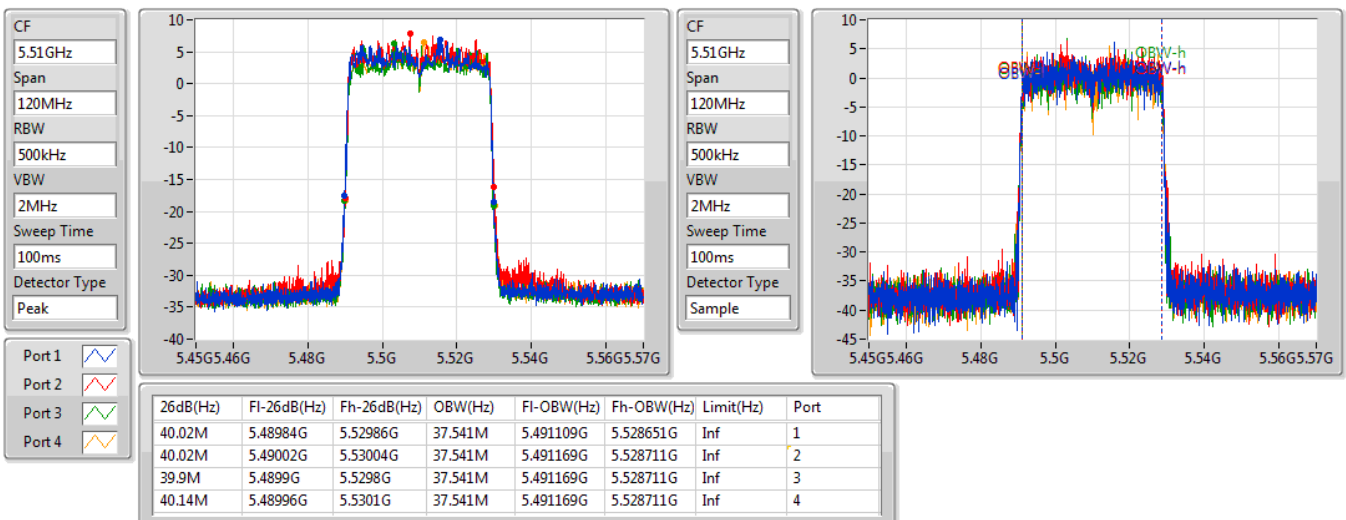


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5310MHz

29/10/2019

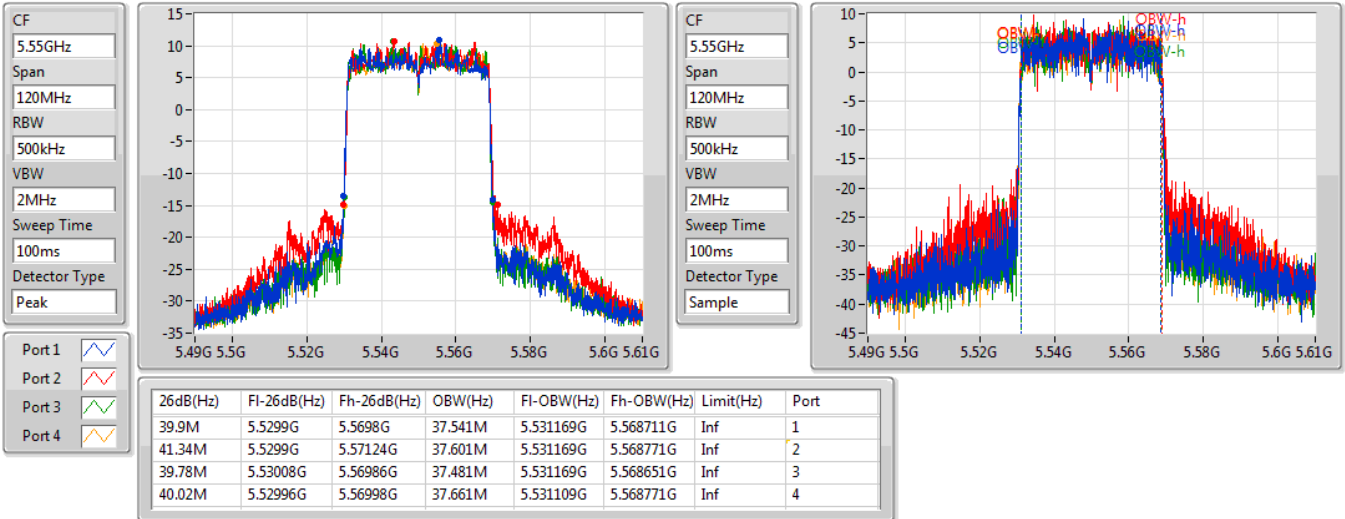

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5510MHz

29/10/2019

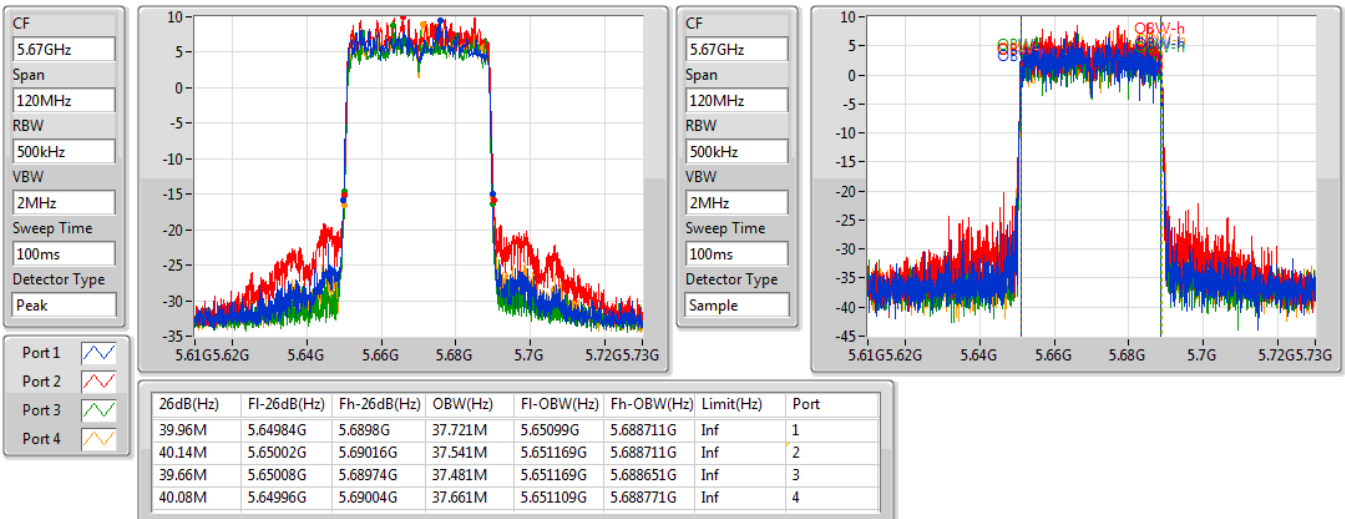


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5550MHz

29/10/2019

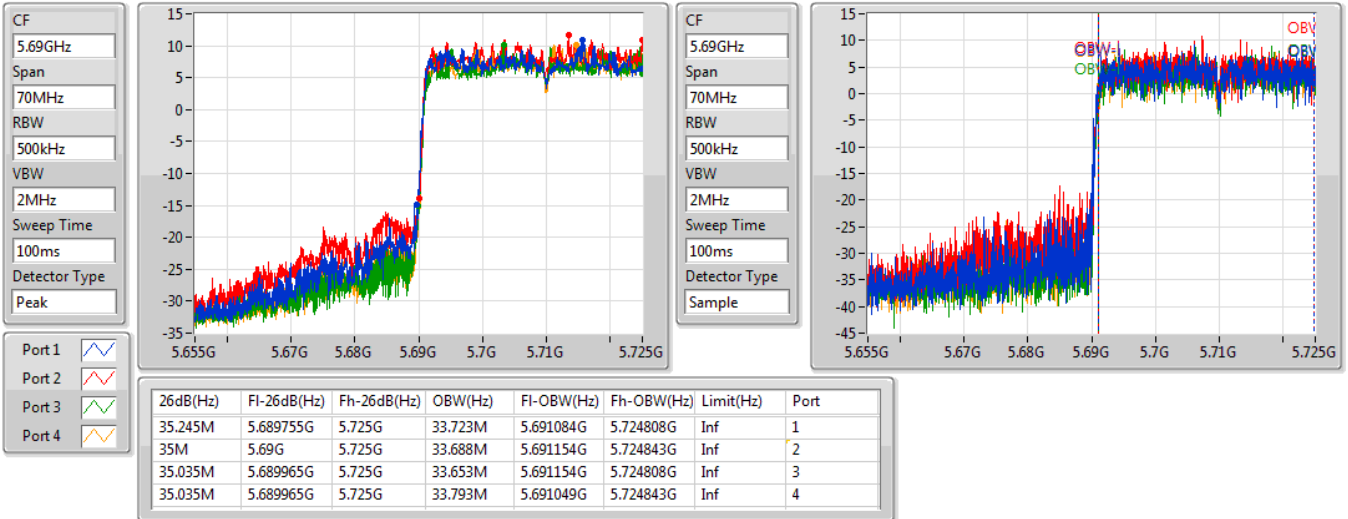

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5670MHz

29/10/2019

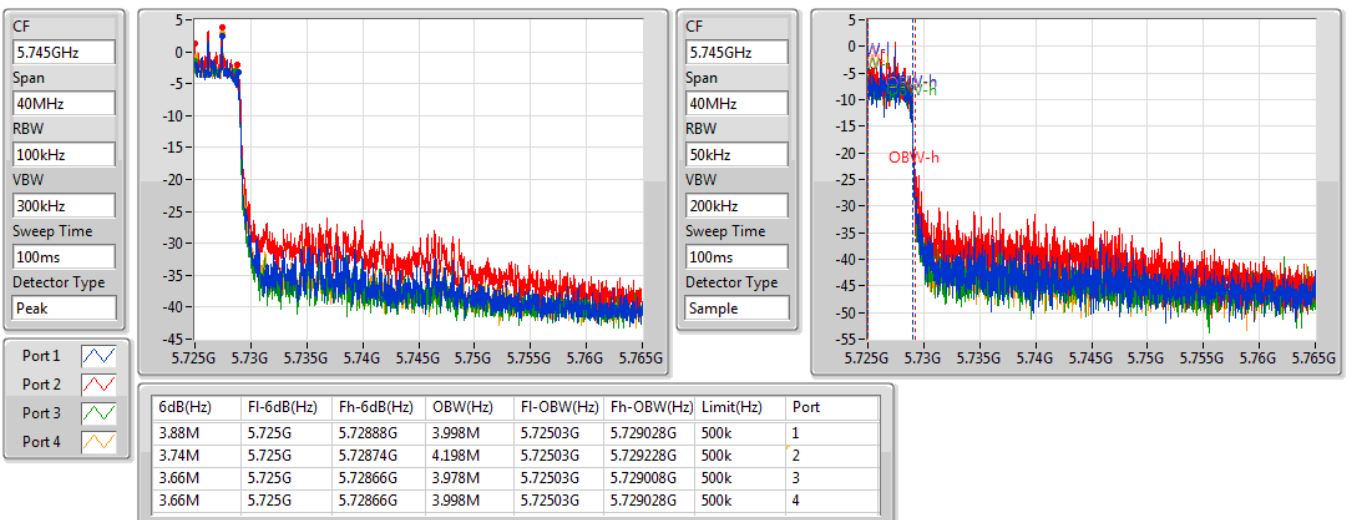


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

29/10/2019

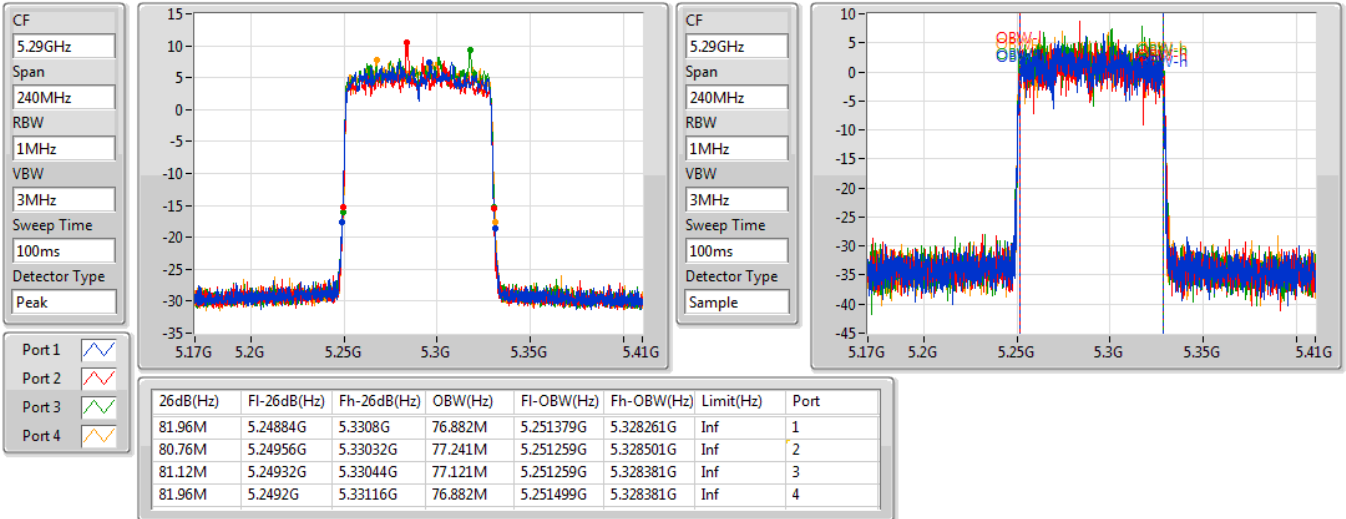

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

29/10/2019

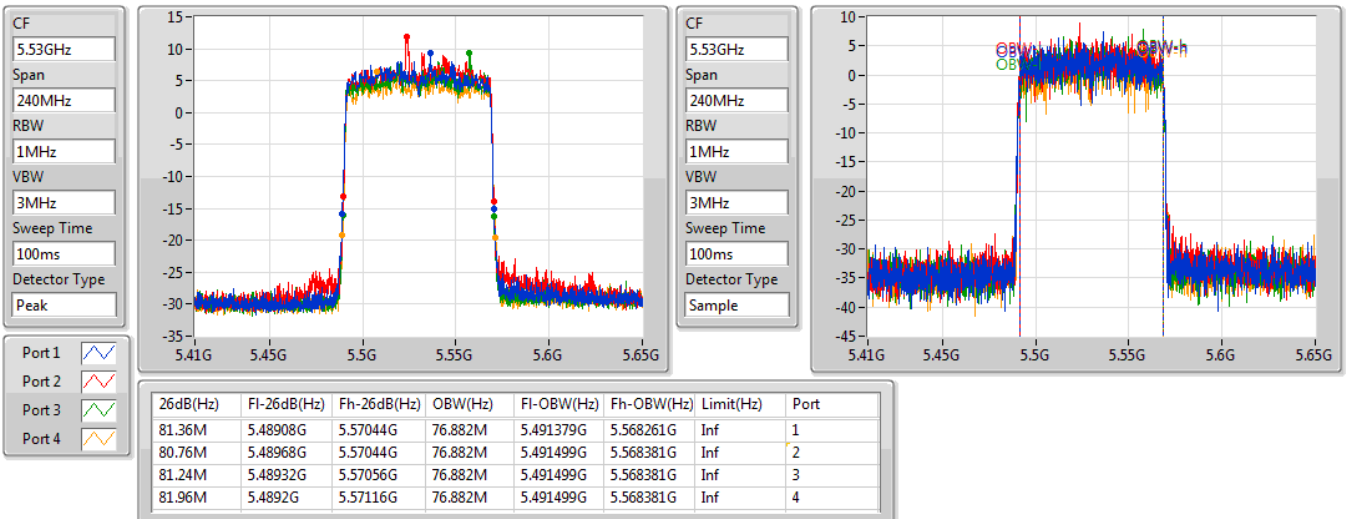


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5290MHz

29/10/2019

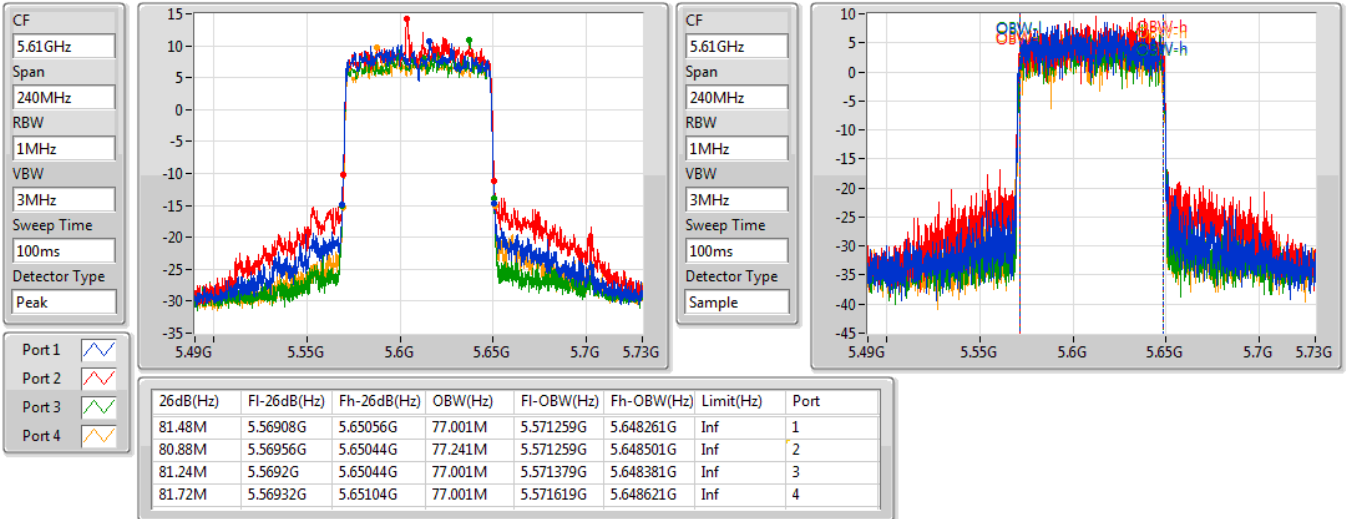

802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5530MHz

29/10/2019

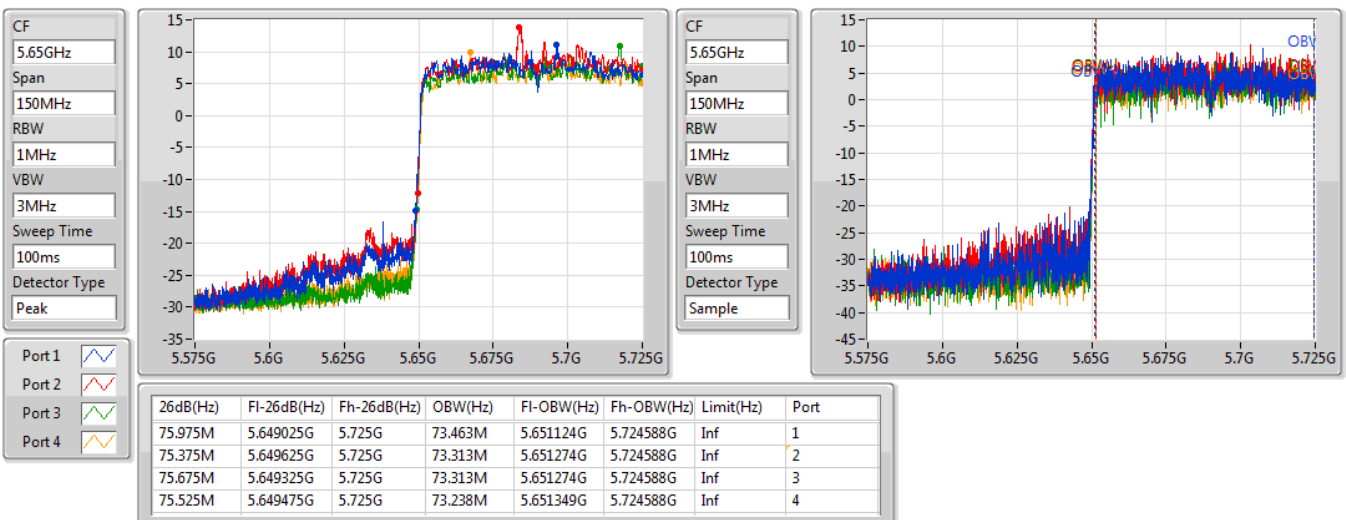


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5610MHz

29/10/2019

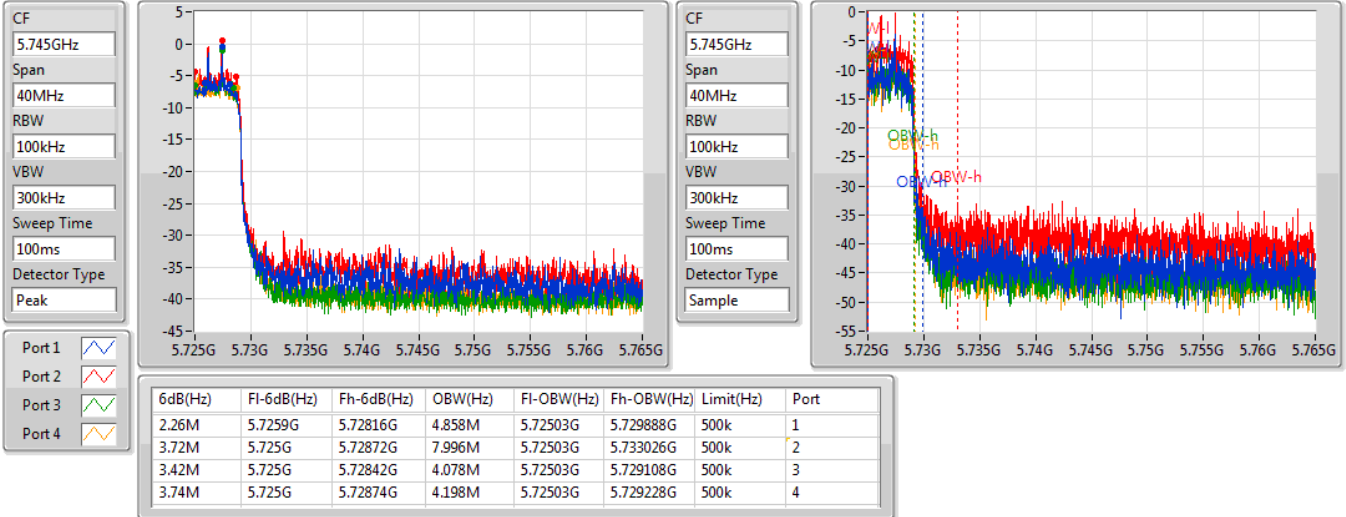

802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

29/10/2019

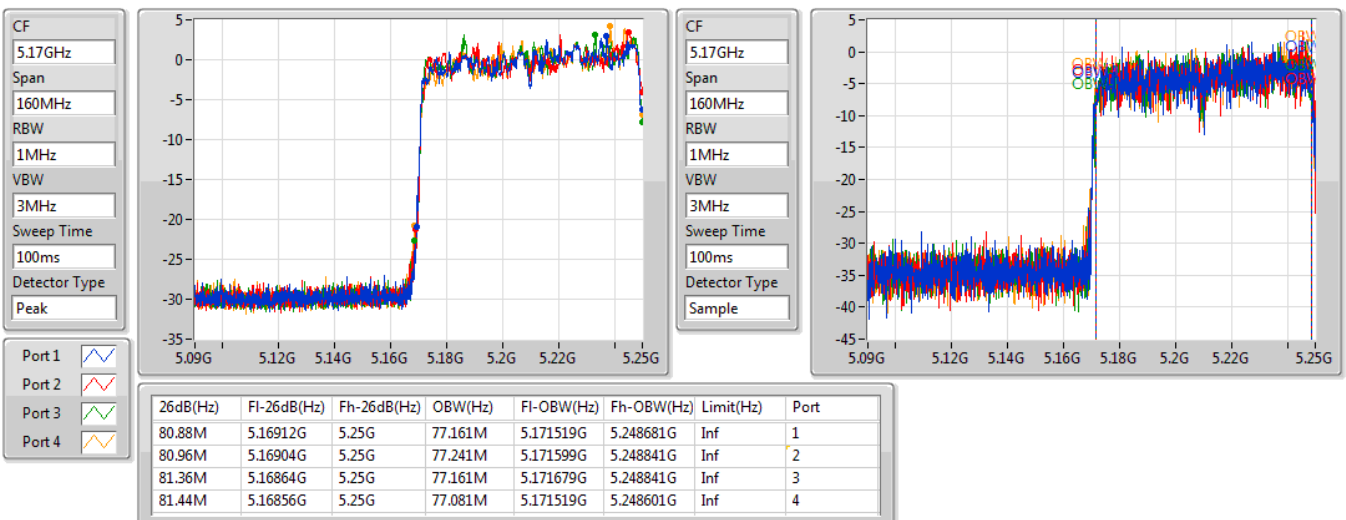


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

29/10/2019

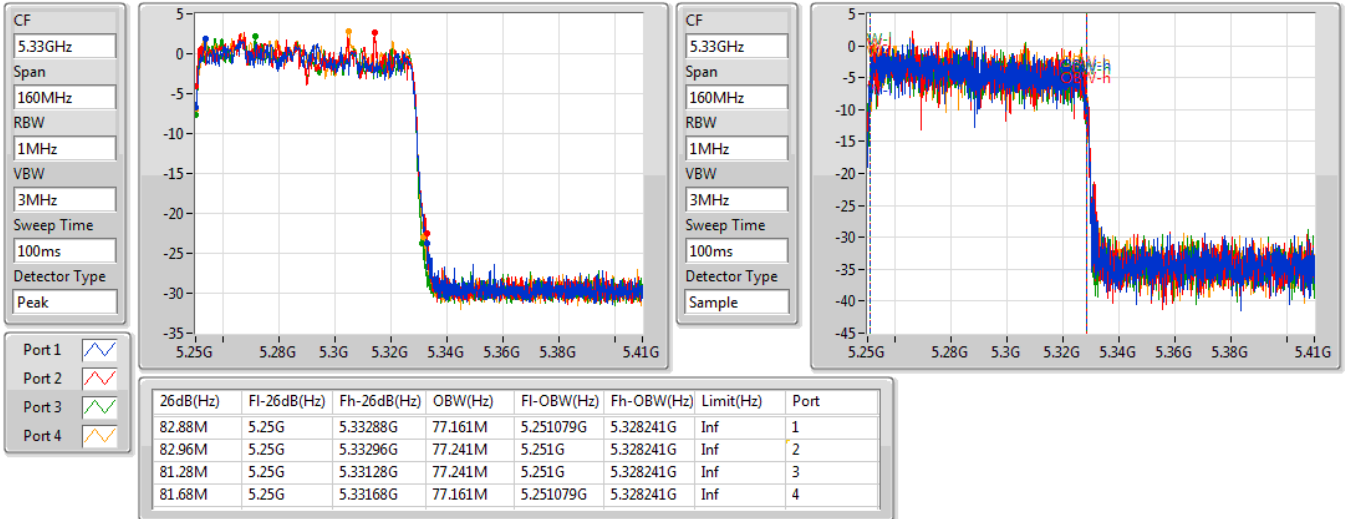

802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

29/10/2019

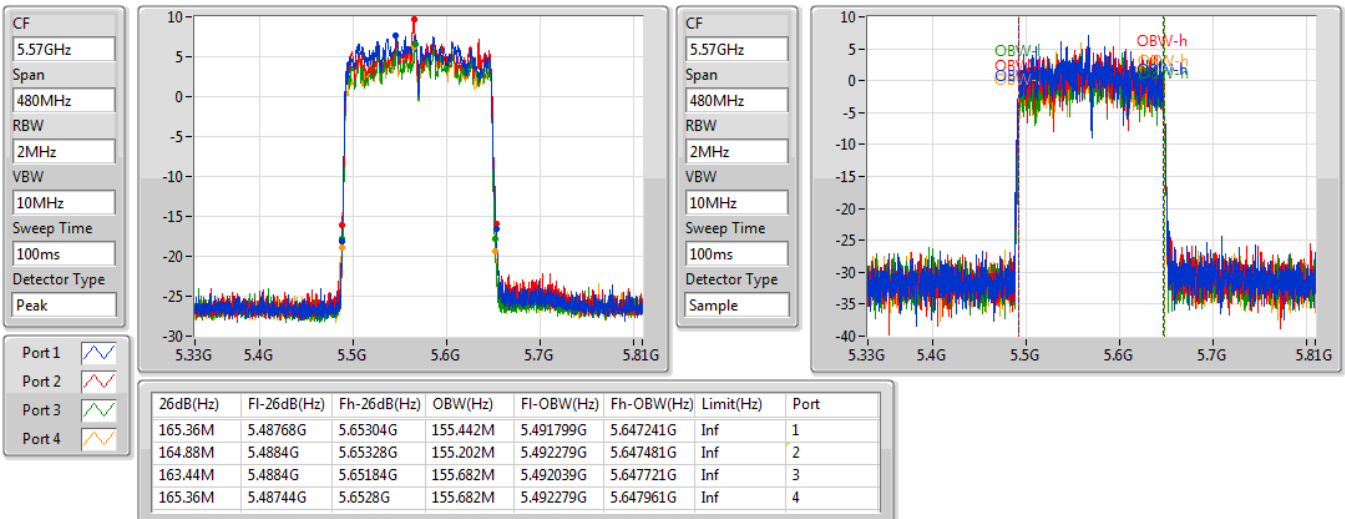


802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

29/10/2019


802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5570MHz

29/10/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	45.57M	27.076M	27M1D1D	38.94M	16.732M
802.11ac VHT20_Nss1,(MCS0)_1TX	47.22M	25.607M	25M6D1D	28.2M	17.901M
802.11ac VHT40_Nss1,(MCS0)_1TX	92.58M	38.741M	38M7D1D	43.8M	36.282M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.2M	75.802M	75M8D1D	82.2M	75.802M
802.11ax HEW20_Nss1,(MCS0)_1TX	46.5M	26.057M	26M1D1D	31.41M	19.07M
802.11ax HEW40_Nss1,(MCS0)_1TX	80.58M	38.441M	38M4D1D	40.02M	37.661M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.2M	77.241M	77M2D1D	82.2M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	17.781M	17M8D1D	16.32M	16.852M
802.11ac VHT20_Nss1,(MCS0)_1TX	17.58M	19.94M	19M9D1D	17.55M	18.051M
802.11ac VHT40_Nss1,(MCS0)_1TX	36.3M	45.217M	45M2D1D	36.06M	42.759M
802.11ac VHT80_Nss1,(MCS0)_1TX	75.36M	76.162M	76M2D1D	75.36M	76.162M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.93M	19.7M	19M7D1D	18.87M	19.13M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.62M	41.919M	41M9D1D	37.56M	40.6M
802.11ax HEW80_Nss1,(MCS0)_1TX	76.8M	77.481M	77M5D1D	76.8M	77.481M

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

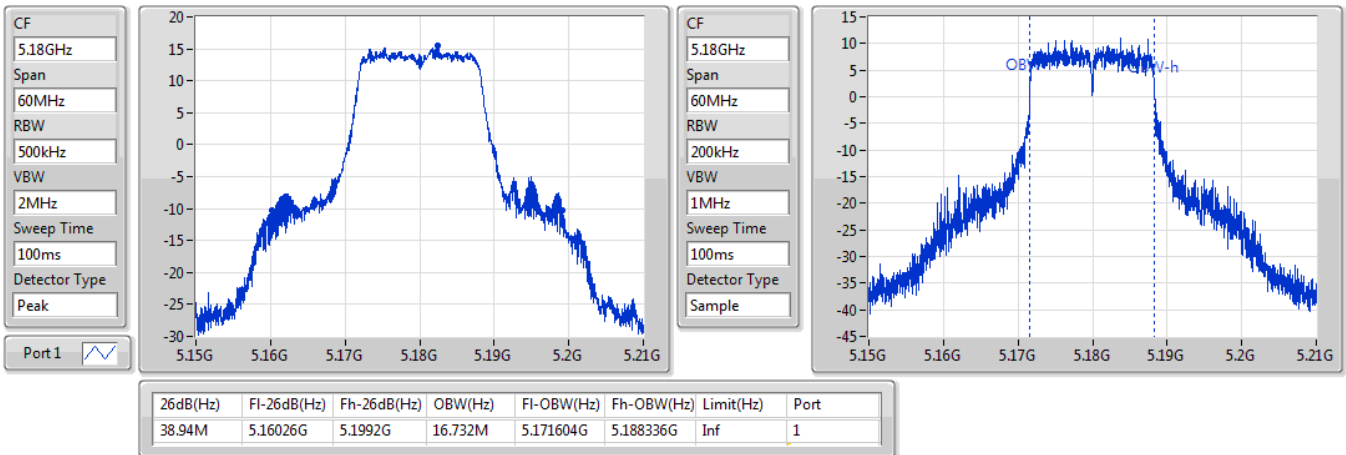
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	38.94M	16.732M
5200MHz	Pass	Inf	45.57M	27.076M
5240MHz	Pass	Inf	43.59M	19.64M
5745MHz	Pass	500k	16.35M	17.301M
5785MHz	Pass	500k	16.35M	16.852M
5825MHz	Pass	500k	16.32M	17.781M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.2M	17.901M
5200MHz	Pass	Inf	47.22M	25.607M
5240MHz	Pass	Inf	44.55M	18.771M
5745MHz	Pass	500k	17.58M	18.141M
5785MHz	Pass	500k	17.58M	18.051M
5825MHz	Pass	500k	17.55M	19.94M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	43.8M	36.282M
5230MHz	Pass	Inf	92.58M	38.741M
5755MHz	Pass	500k	36.06M	42.759M
5795MHz	Pass	500k	36.3M	45.217M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.2M	75.802M
5775MHz	Pass	500k	75.36M	76.162M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	31.41M	19.07M
5200MHz	Pass	Inf	46.5M	26.057M
5240MHz	Pass	Inf	42.66M	19.52M
5745MHz	Pass	500k	18.87M	19.28M
5785MHz	Pass	500k	18.93M	19.13M
5825MHz	Pass	500k	18.93M	19.7M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.661M
5230MHz	Pass	Inf	80.58M	38.441M
5755MHz	Pass	500k	37.56M	40.6M
5795MHz	Pass	500k	37.62M	41.919M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.241M
5775MHz	Pass	500k	76.8M	77.481M

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

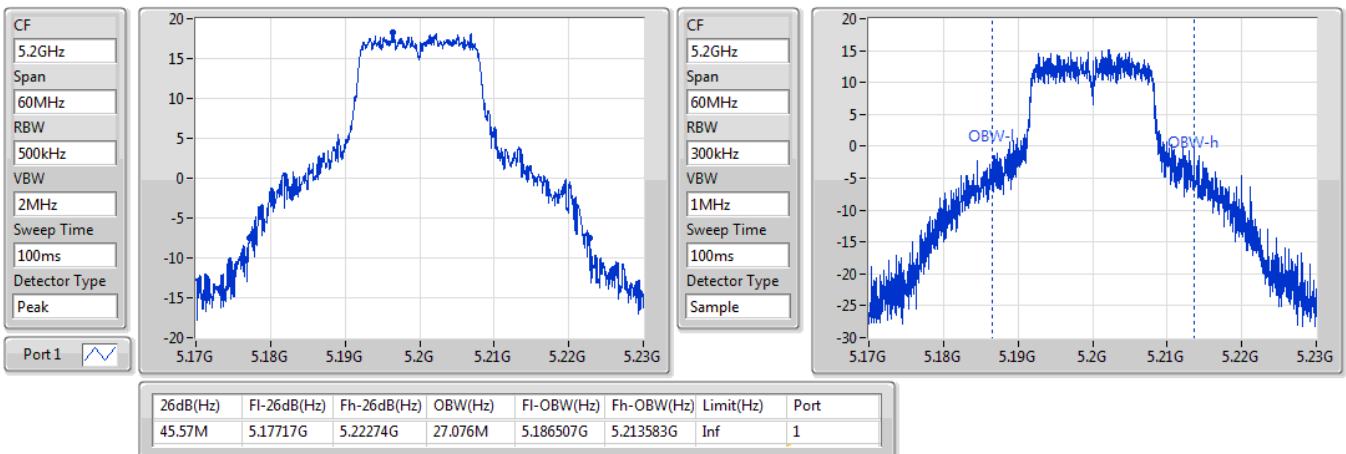
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

03/10/2019

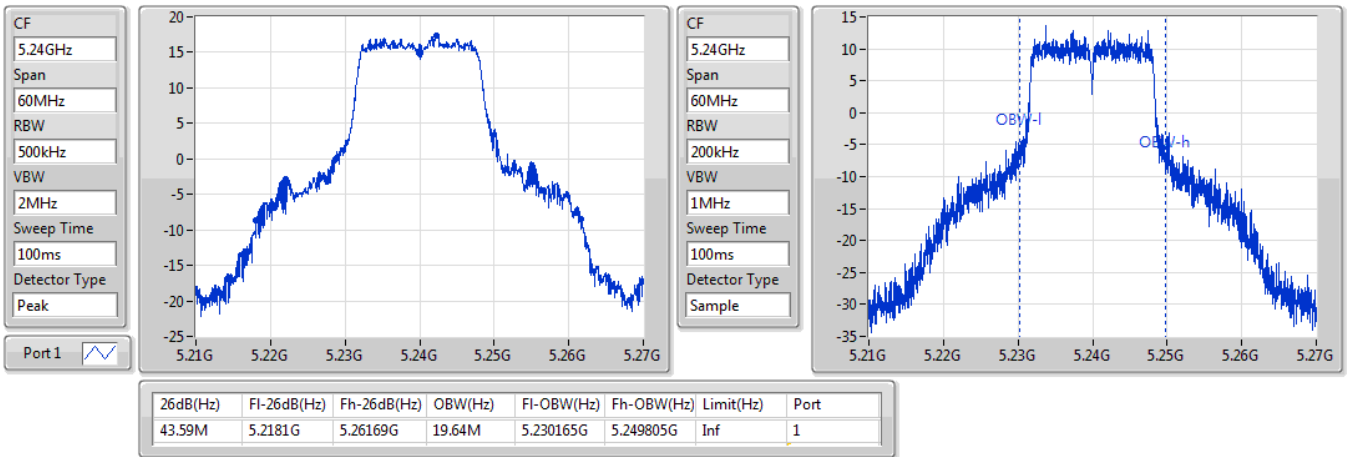

802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

03/10/2019

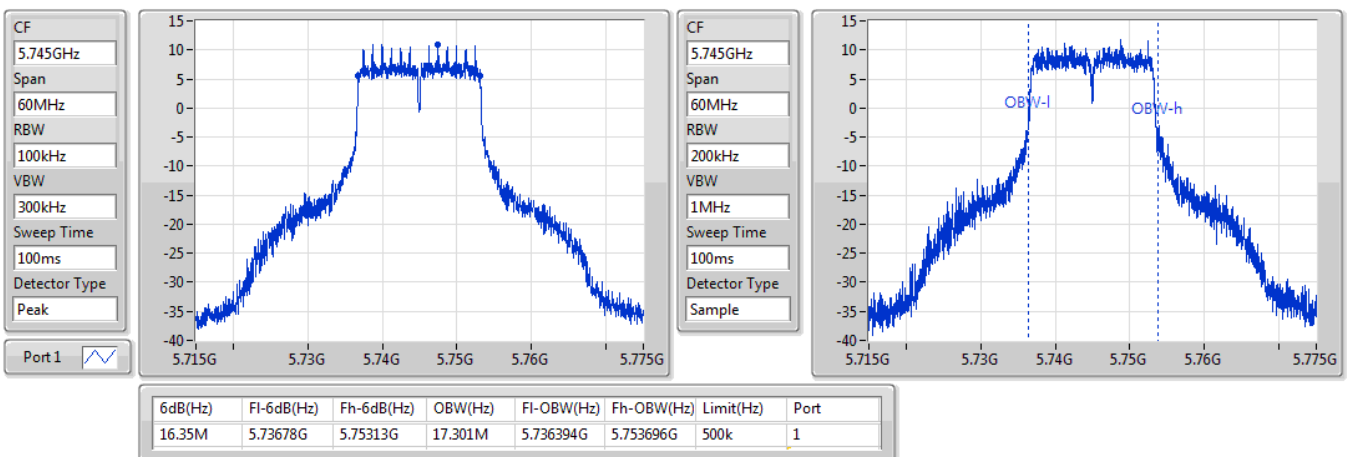


802.11a_Nss1,(6Mbps)_1TX
EBW
5240MHz

03/10/2019

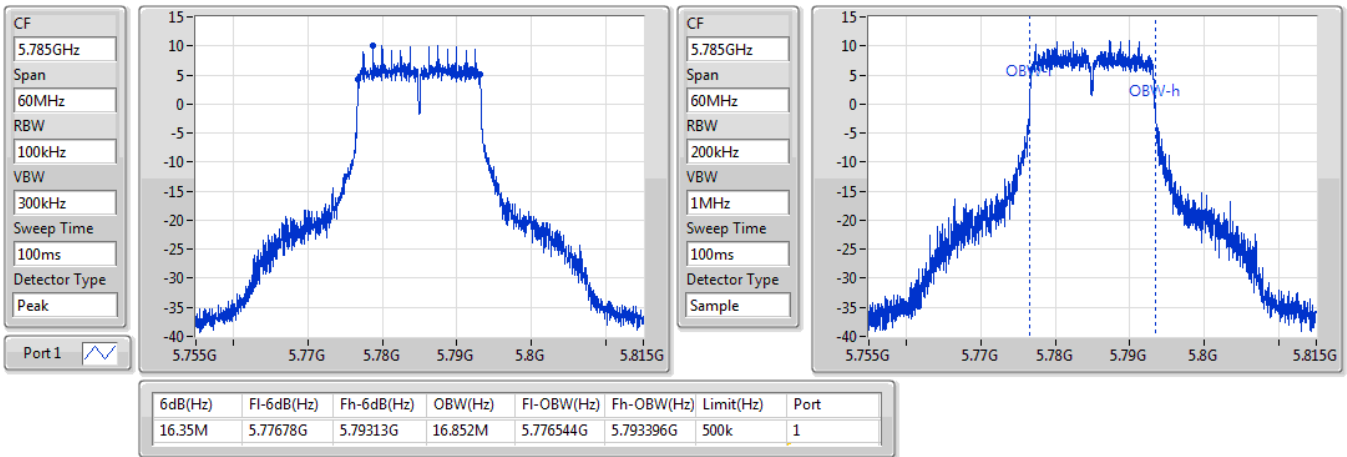

802.11a_Nss1,(6Mbps)_1TX
EBW
5745MHz

03/10/2019

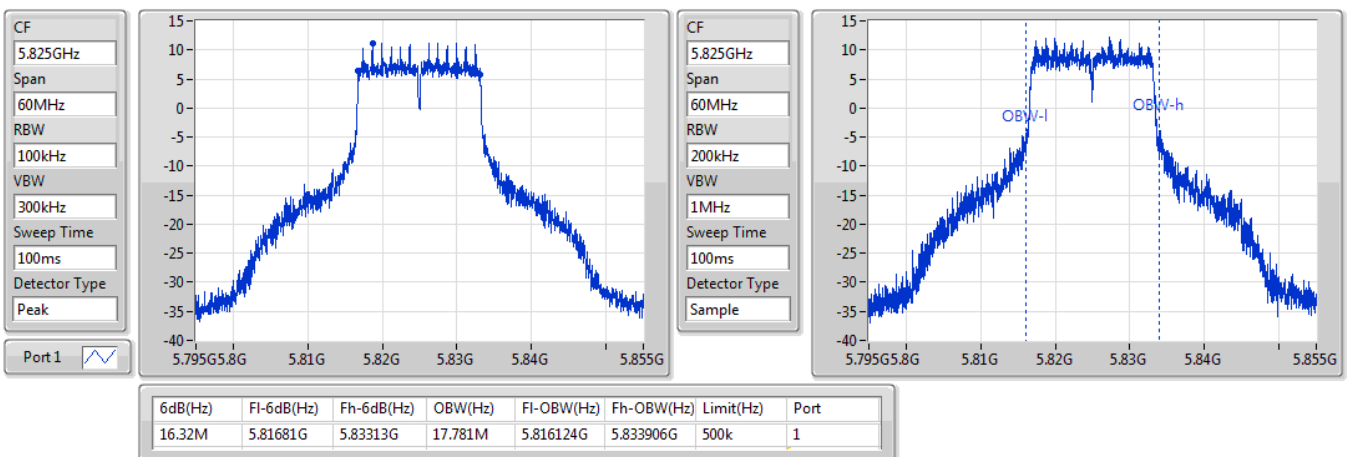


802.11a_Nss1,(6Mbps)_1TX
EBW
5785MHz

03/10/2019

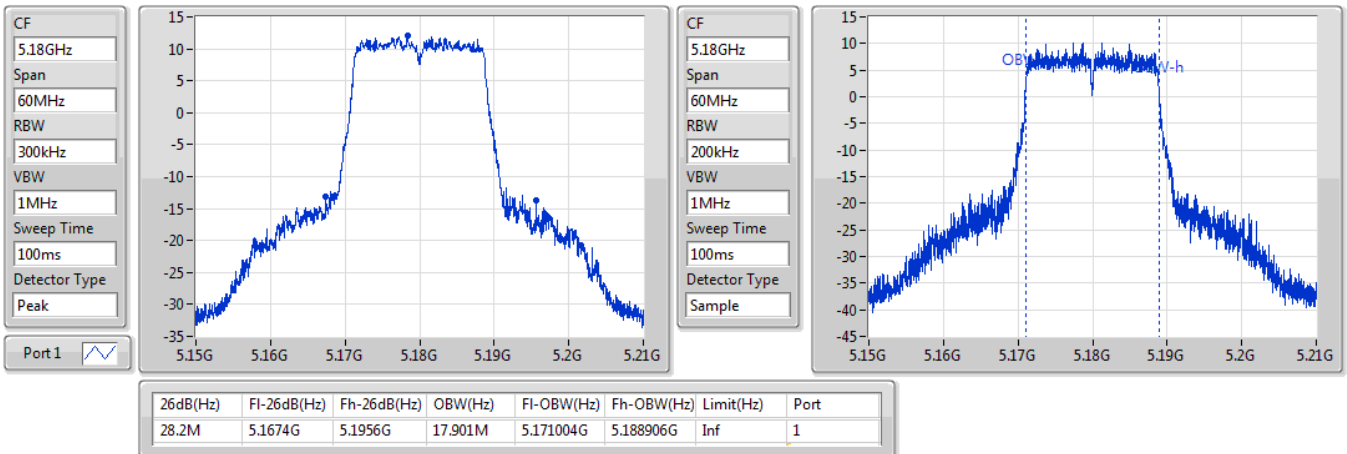

802.11a_Nss1,(6Mbps)_1TX
EBW
5825MHz

03/10/2019

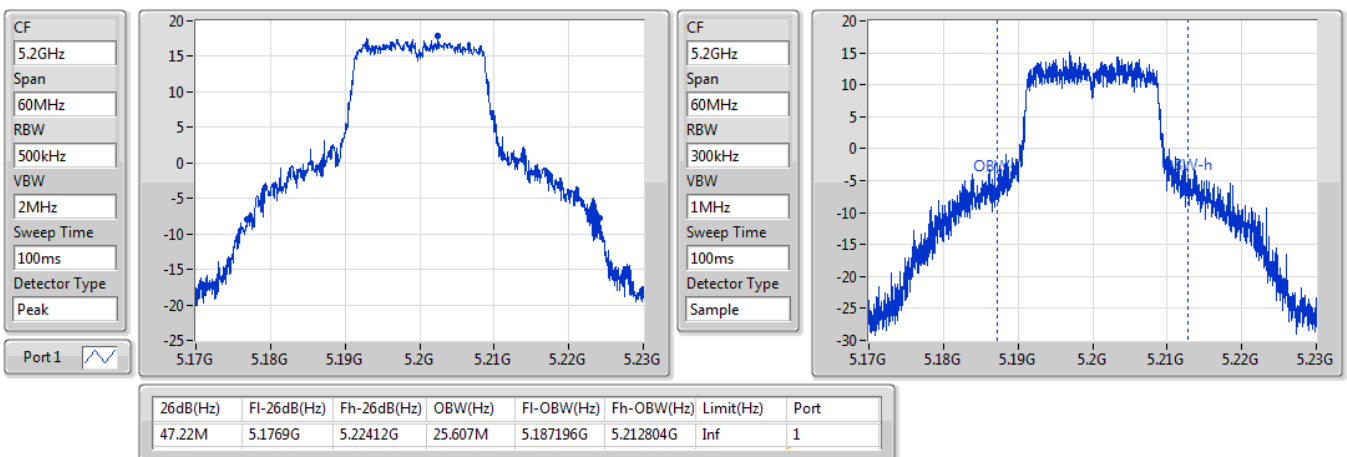


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5180MHz

04/10/2019

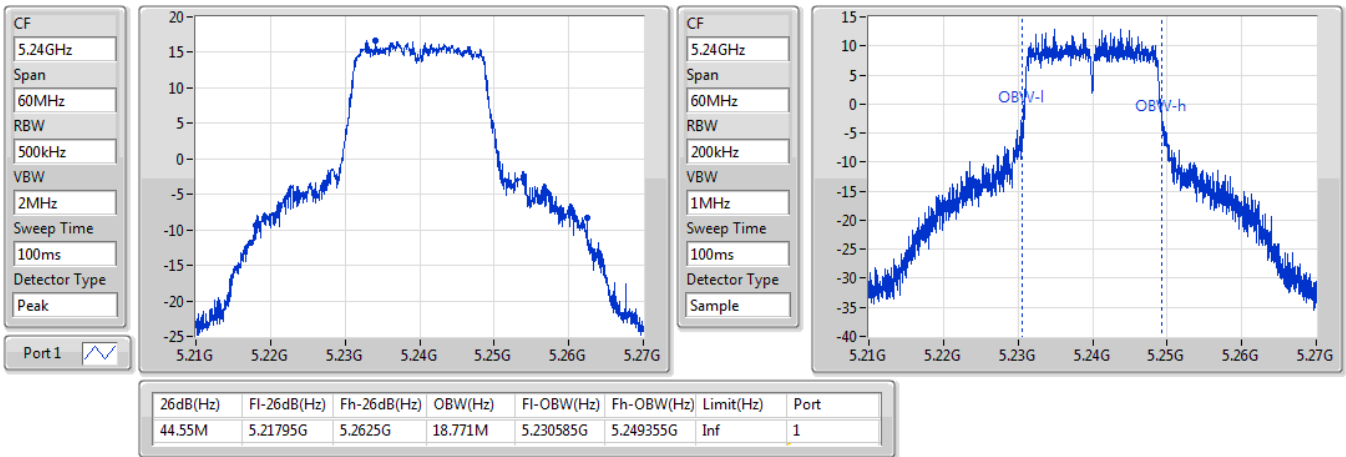

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5200MHz

04/10/2019

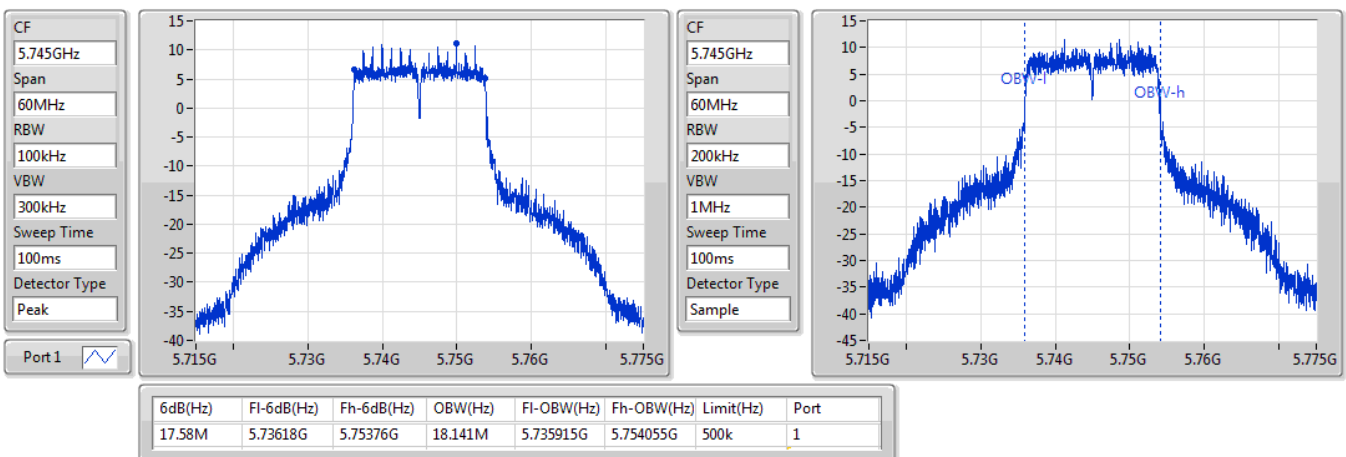


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5240MHz

04/10/2019

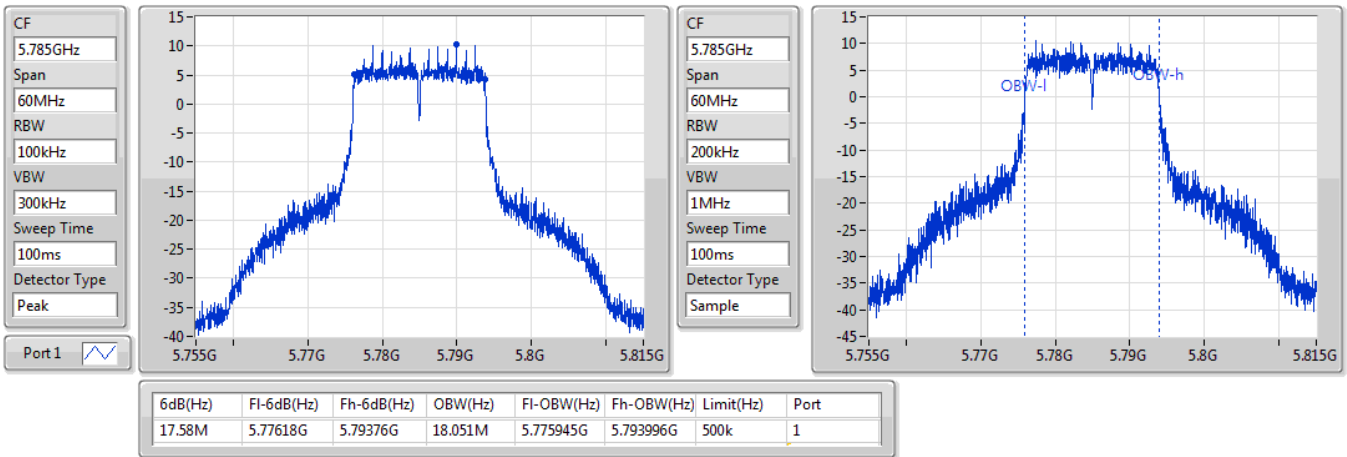

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5745MHz

30/10/2019

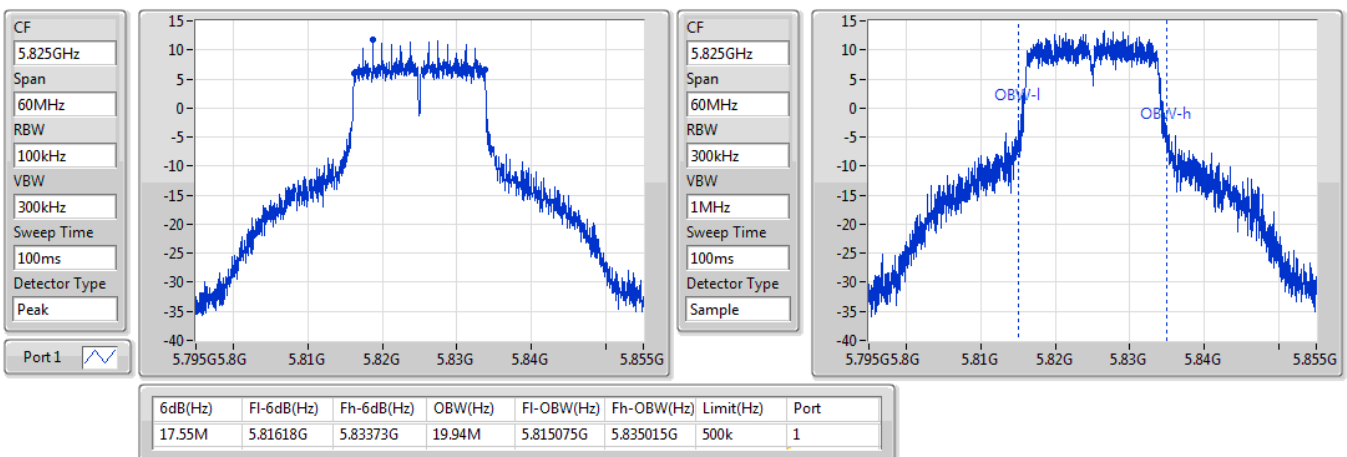


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5785MHz

30/10/2019

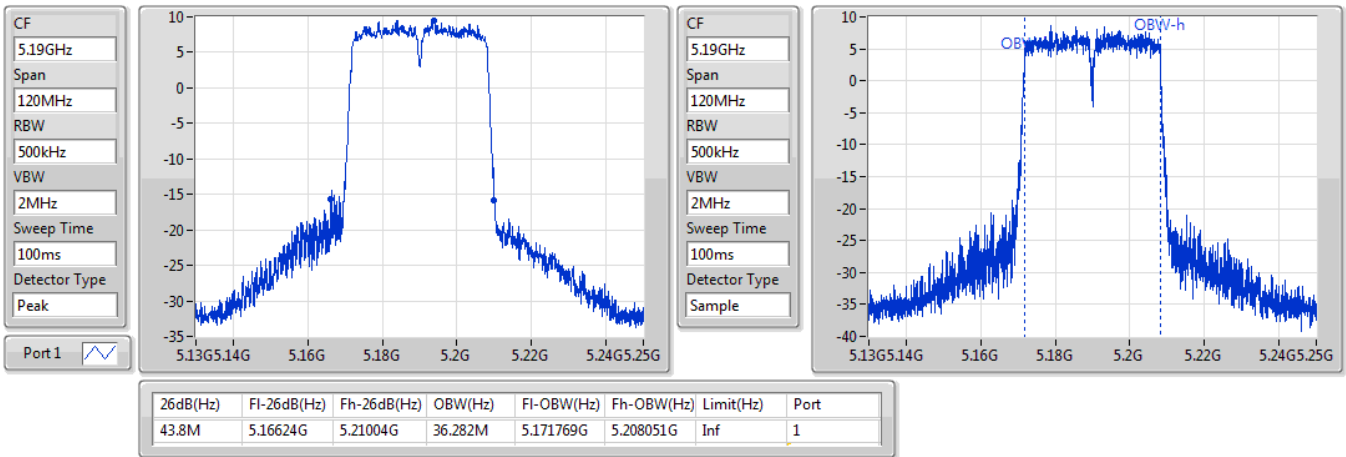

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5825MHz

30/10/2019

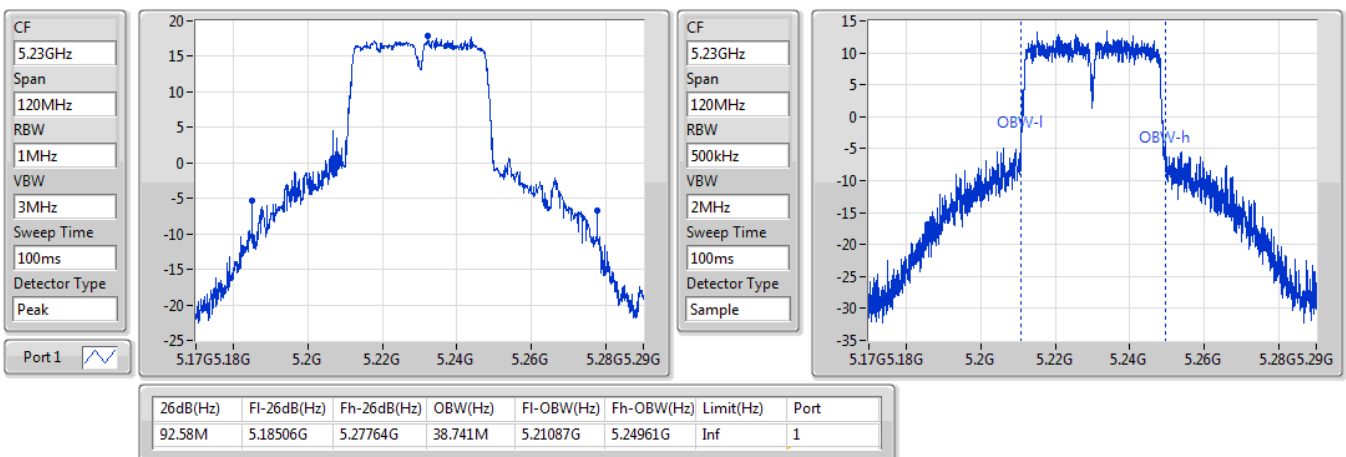


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5190MHz

04/10/2019

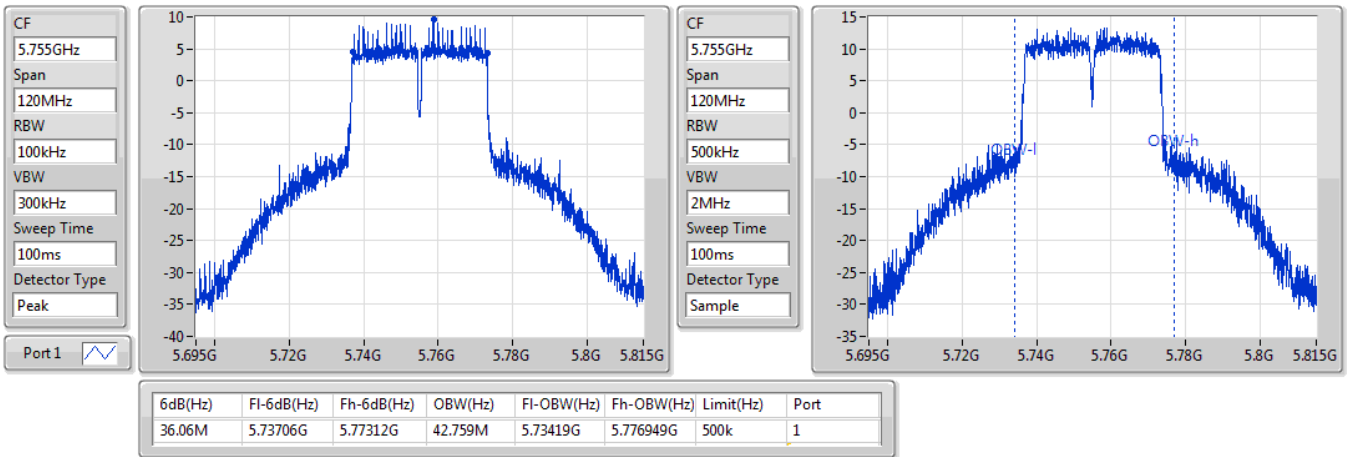

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5230MHz

04/10/2019

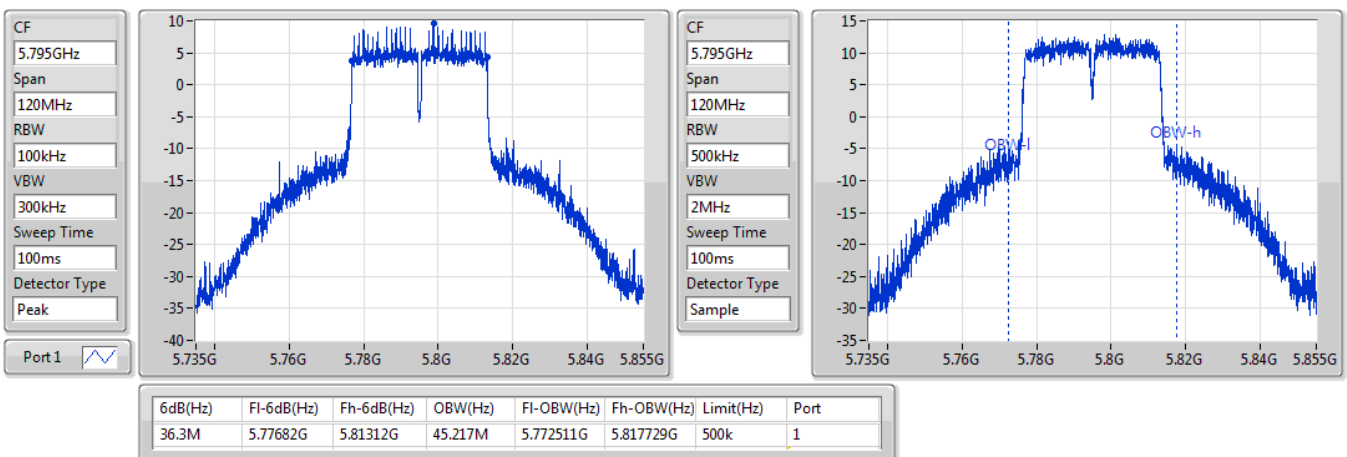


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5755MHz

04/10/2019

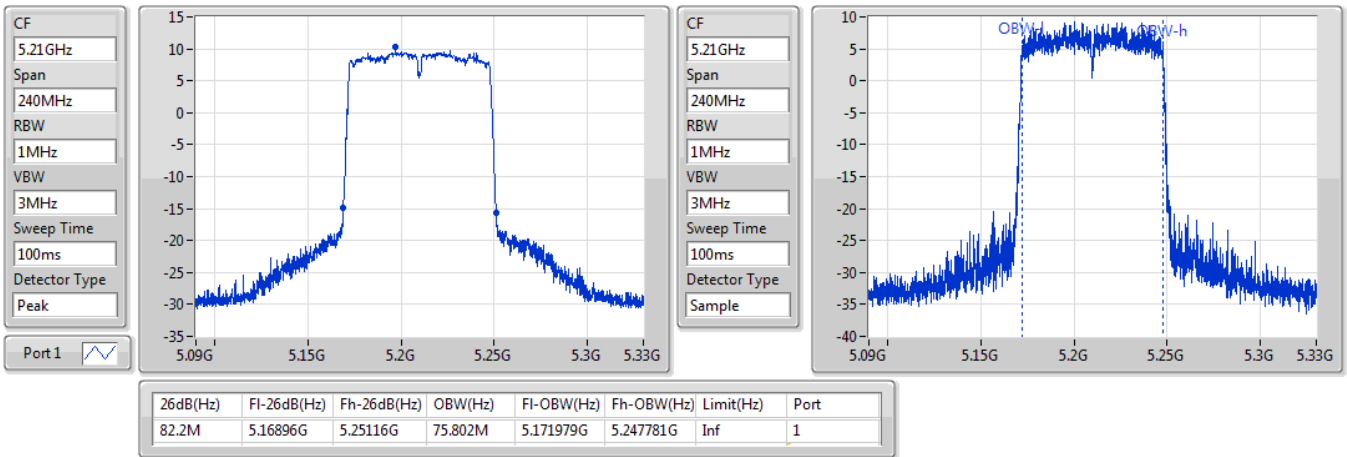

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5795MHz

04/10/2019

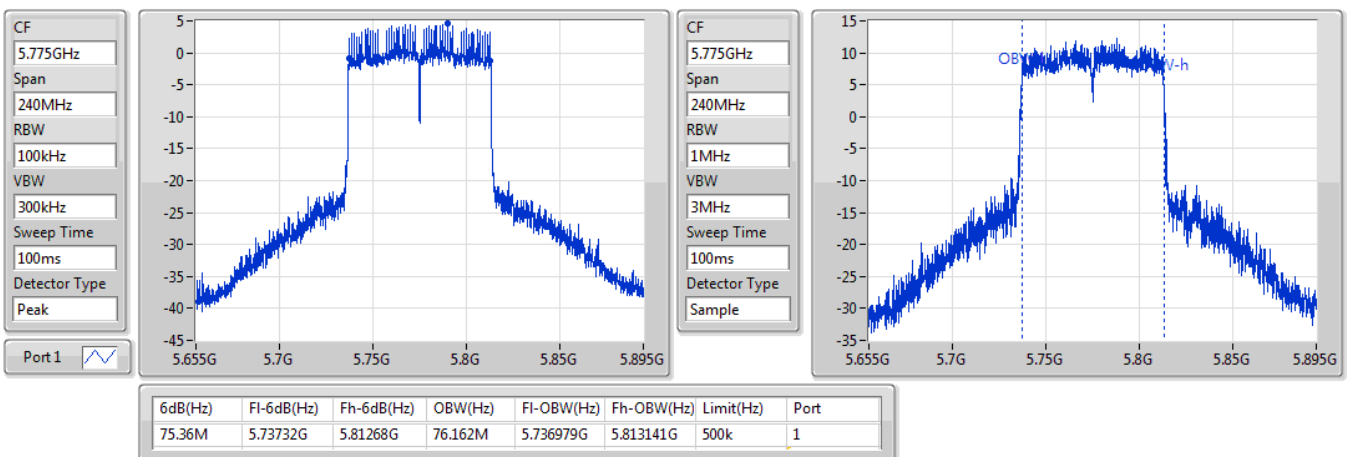


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5210MHz

04/10/2019

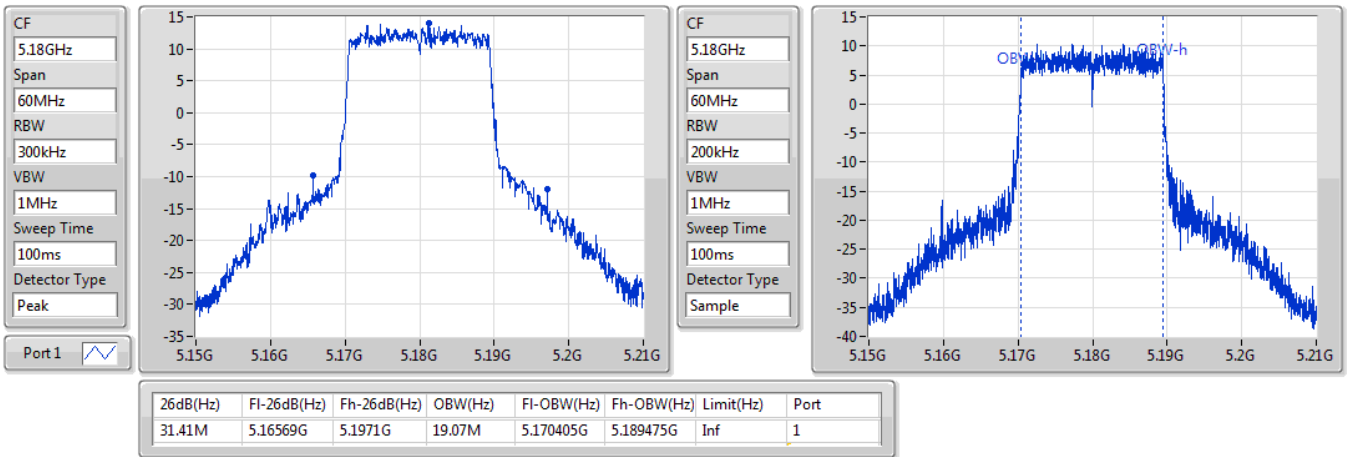

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5775MHz

04/10/2019

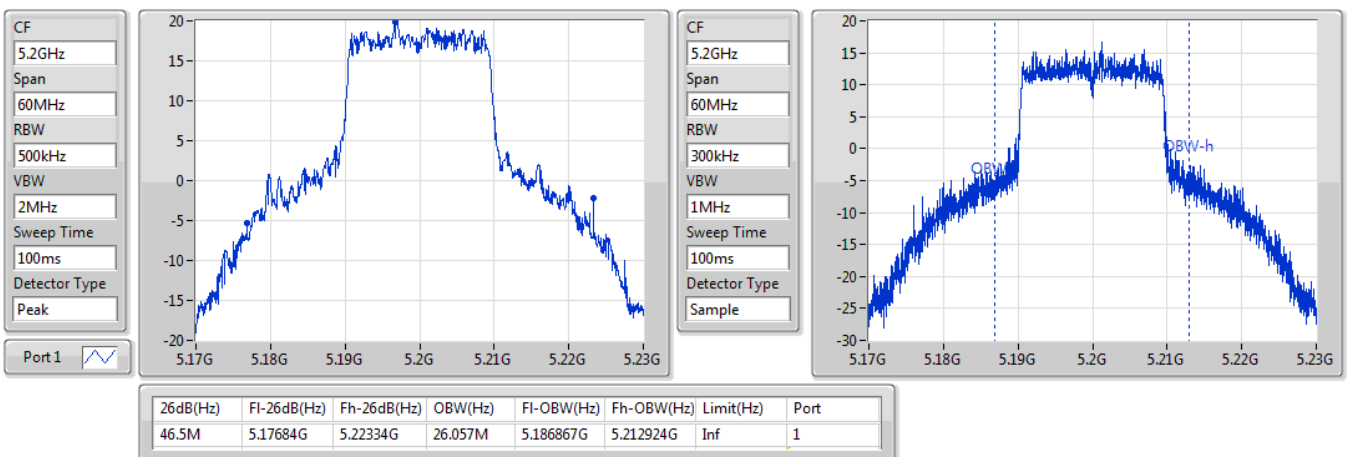


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5180MHz

03/10/2019

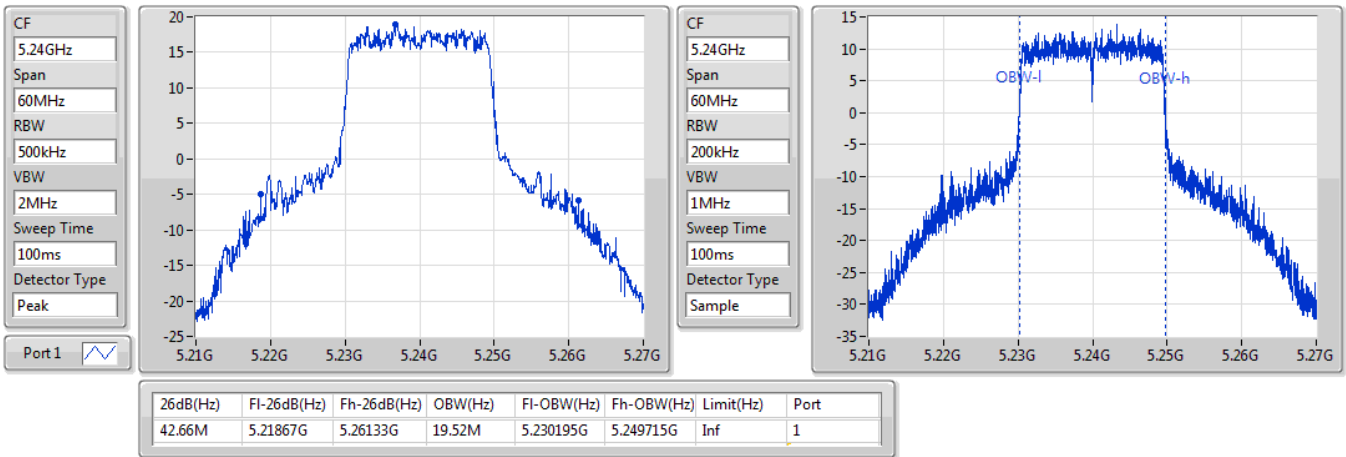

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5200MHz

03/10/2019

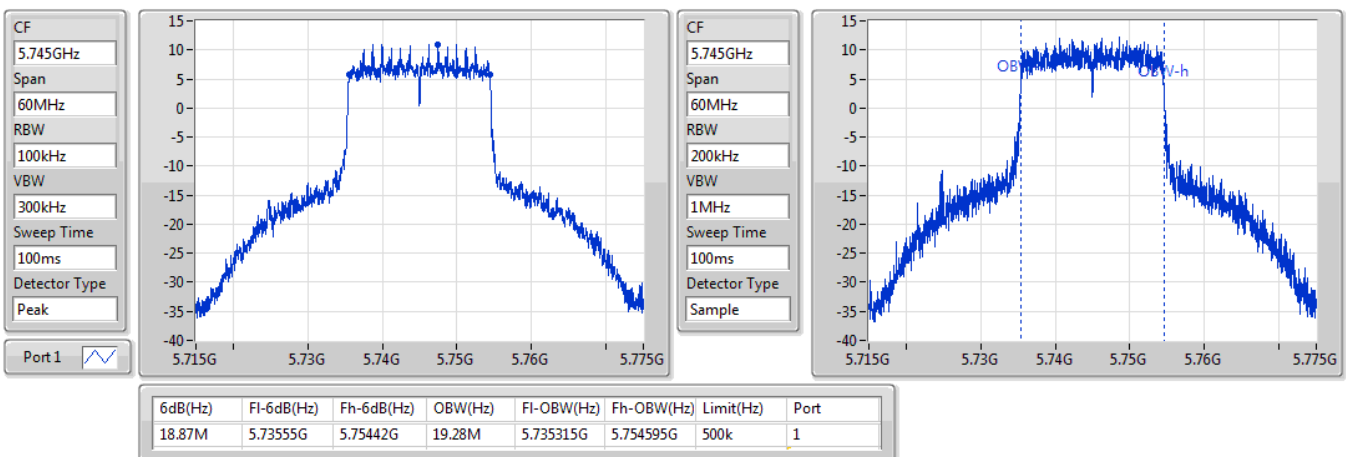


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5240MHz

03/10/2019

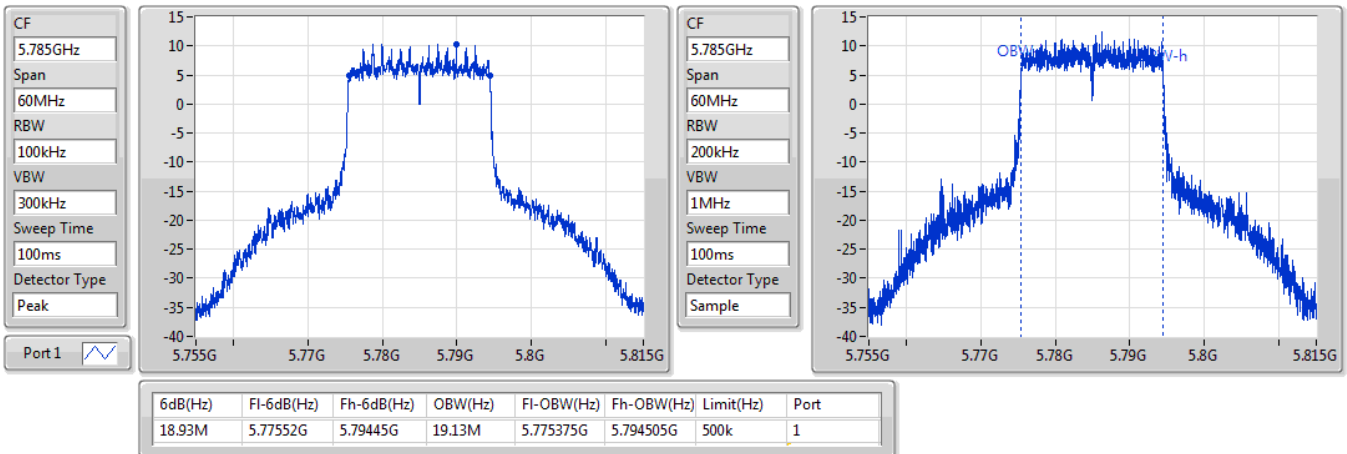

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5745MHz

03/10/2019

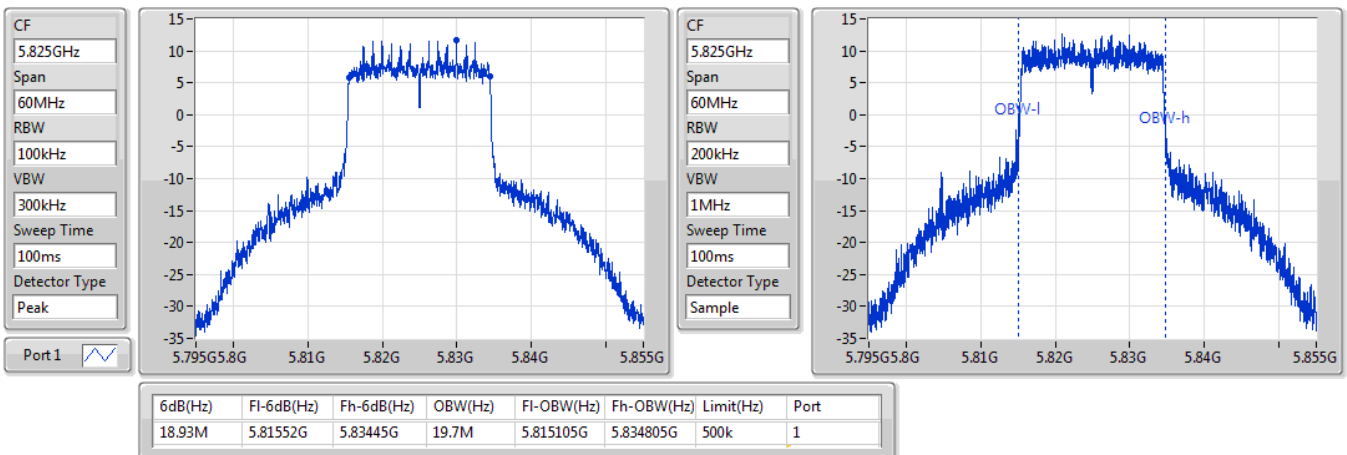


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5785MHz

03/10/2019

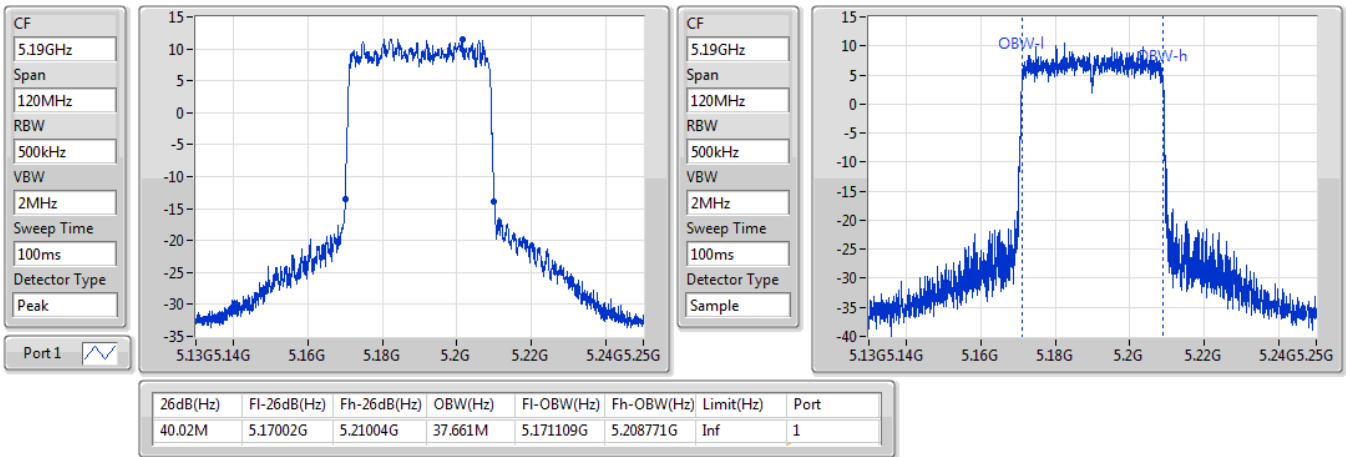

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5825MHz

03/10/2019

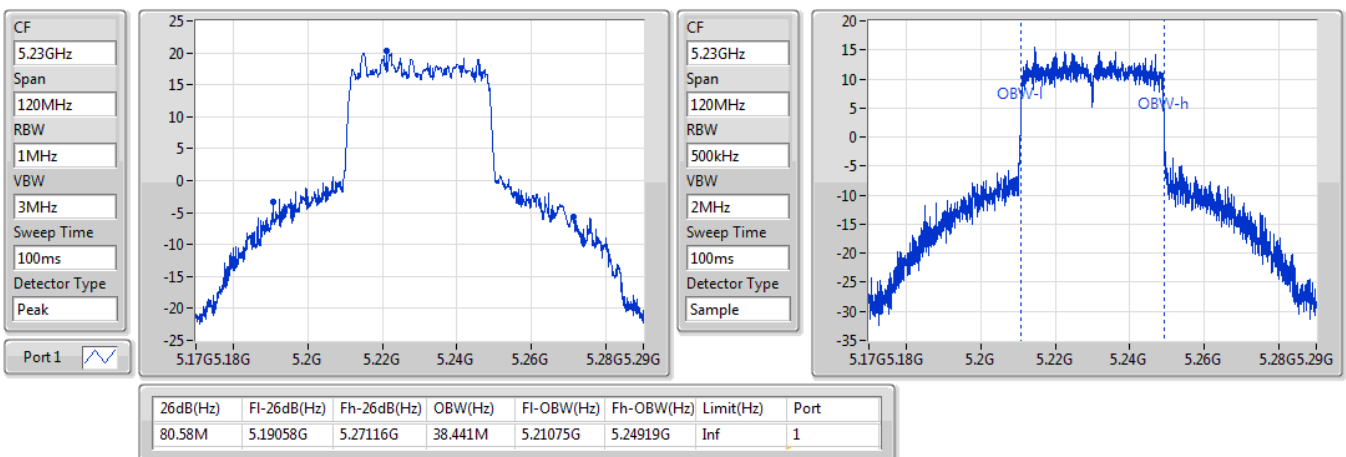


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5190MHz

03/10/2019

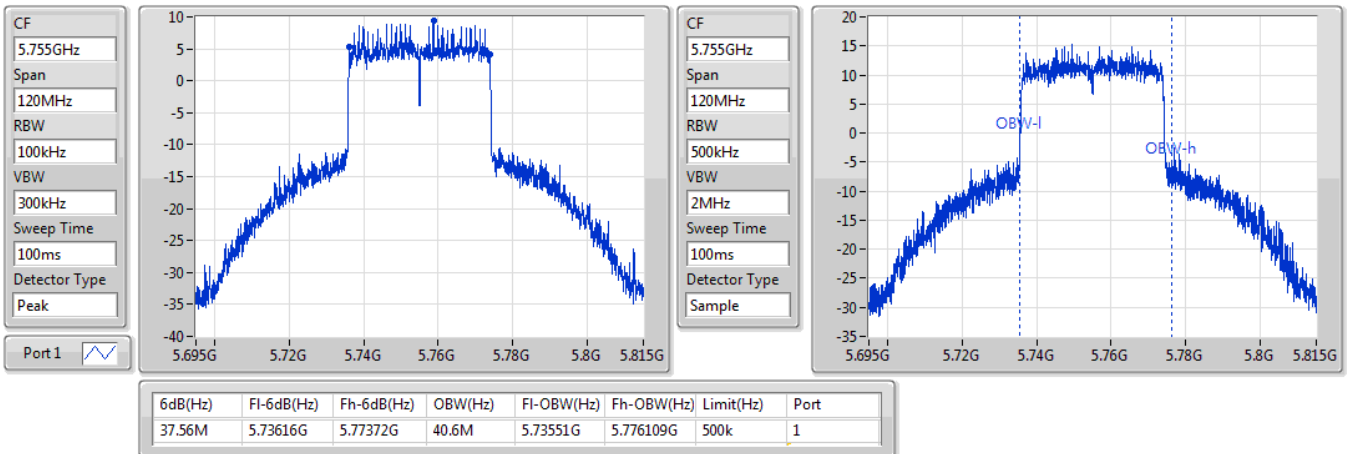

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5230MHz

03/10/2019

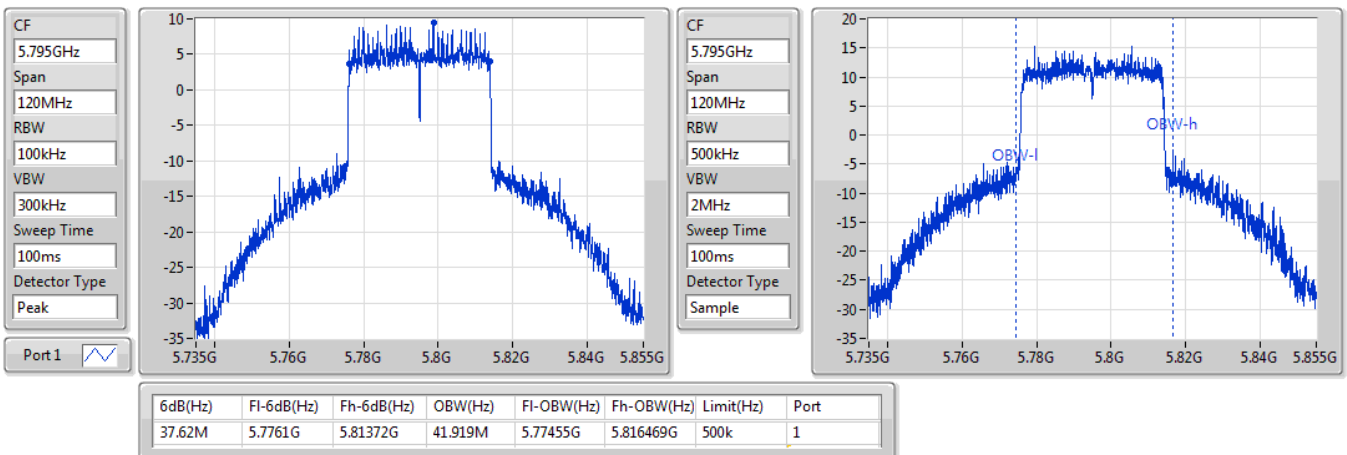


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5755MHz

03/10/2019

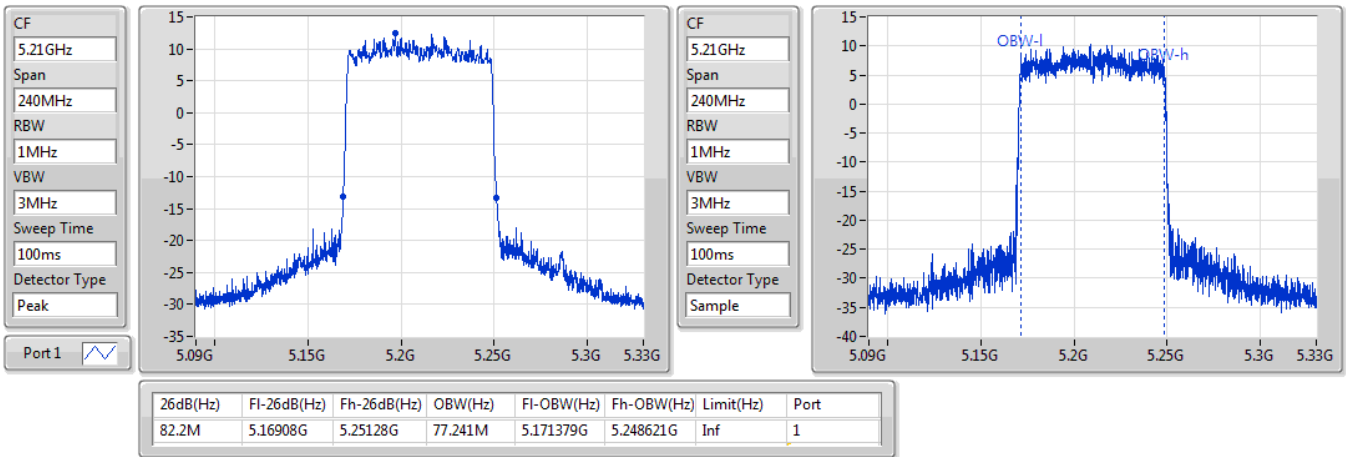

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5795MHz

03/10/2019

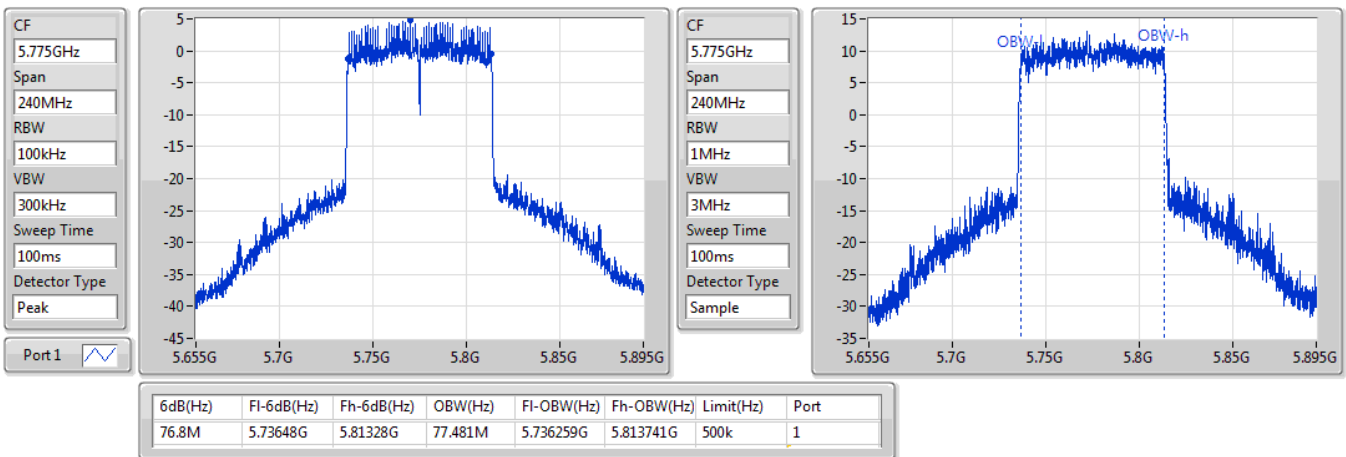


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5210MHz

03/10/2019


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5775MHz

03/10/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	45.39M	29.295M	29M3D1D	27.24M	16.702M
802.11ac VHT20_Nss2,(MCS0)_2TX	47.58M	26.657M	26M7D1D	22.11M	17.841M
802.11ac VHT40_Nss2,(MCS0)_2TX	82.56M	37.061M	37M1D1D	39.96M	36.222M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.84M	75.682M	75M7D1D	81.84M	75.682M
802.11ax HEW20_Nss2,(MCS0)_2TX	50.88M	26.747M	26M7D1D	21.81M	19.01M
802.11ax HEW40_Nss2,(MCS0)_2TX	90.78M	38.441M	38M4D1D	39.96M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.72M	77.241M	77M2D1D	81.24M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.38M	19.34M	19M3D1D	16.29M	16.822M
802.11ac VHT20_Nss2,(MCS0)_2TX	17.58M	27.736M	27M7D1D	17.55M	18.051M
802.11ac VHT40_Nss2,(MCS0)_2TX	36.36M	53.613M	53M6D1D	36.06M	36.942M
802.11ac VHT80_Nss2,(MCS0)_2TX	75.48M	76.282M	76M3D1D	75.24M	76.042M
802.11ax HEW20_Nss2,(MCS0)_2TX	18.96M	27.676M	27M7D1D	18M	19.07M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.68M	54.333M	54M3D1D	37.38M	38.201M
802.11ax HEW80_Nss2,(MCS0)_2TX	76.2M	77.601M	77M6D1D	75.48M	77.361M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

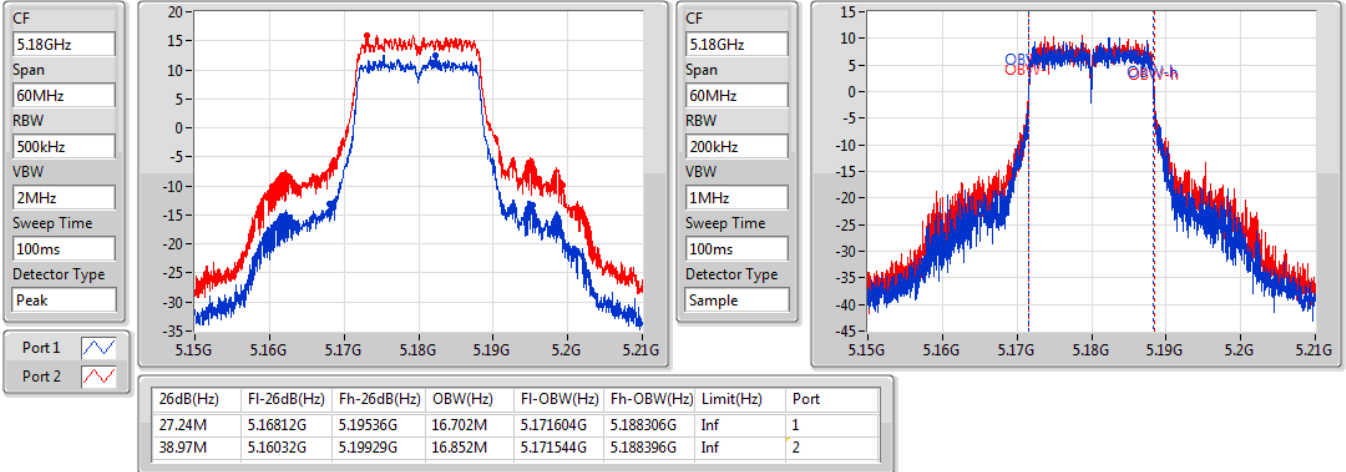
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	27.24M	16.702M	38.97M	16.852M
5200MHz	Pass	Inf	43.62M	20.72M	45.39M	29.295M
5240MHz	Pass	Inf	39.66M	16.942M	42.81M	19.25M
5745MHz	Pass	500k	16.35M	17.031M	16.32M	19.34M
5785MHz	Pass	500k	16.35M	16.822M	16.29M	17.421M
5825MHz	Pass	500k	16.38M	16.822M	16.35M	17.361M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.11M	17.841M	28.2M	17.841M
5200MHz	Pass	Inf	42.39M	18.621M	47.58M	26.657M
5240MHz	Pass	Inf	38.04M	17.961M	43.41M	18.621M
5745MHz	Pass	500k	17.58M	19.55M	17.58M	26.687M
5785MHz	Pass	500k	17.58M	18.051M	17.58M	19.1M
5825MHz	Pass	500k	17.58M	19.73M	17.55M	27.736M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	36.222M	39.96M	36.222M
5230MHz	Pass	Inf	77.22M	36.522M	82.56M	37.061M
5755MHz	Pass	500k	36.06M	45.397M	36.3M	53.613M
5795MHz	Pass	500k	36.3M	36.942M	36.36M	42.519M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	75.682M	81.84M	75.682M
5775MHz	Pass	500k	75.48M	76.042M	75.24M	76.282M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.81M	19.01M	29.43M	19.04M
5200MHz	Pass	Inf	43.56M	19.43M	50.88M	26.747M
5240MHz	Pass	Inf	31.44M	19.1M	43.74M	19.34M
5745MHz	Pass	500k	18.93M	19.82M	18M	26.597M
5785MHz	Pass	500k	18.96M	19.07M	18.66M	19.43M
5825MHz	Pass	500k	18.93M	20.27M	18.06M	27.676M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.601M	39.96M	37.541M
5230MHz	Pass	Inf	74.7M	37.901M	90.78M	38.441M
5755MHz	Pass	500k	37.38M	45.097M	37.68M	54.333M
5795MHz	Pass	500k	37.5M	38.201M	37.68M	42.219M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	77.241M	81.72M	77.001M
5775MHz	Pass	500k	76.2M	77.361M	75.48M	77.601M

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

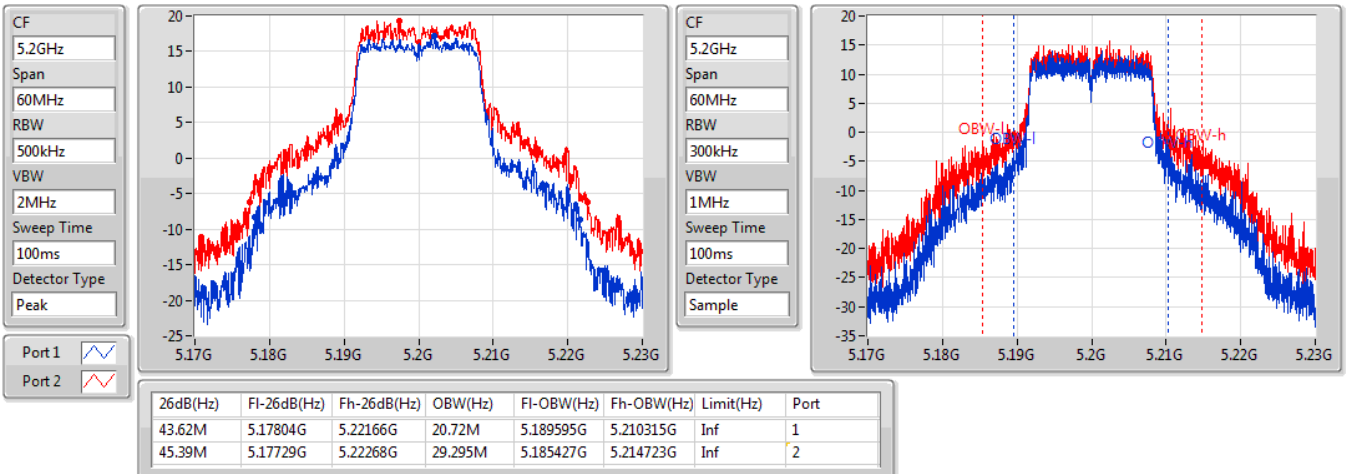
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

04/10/2019

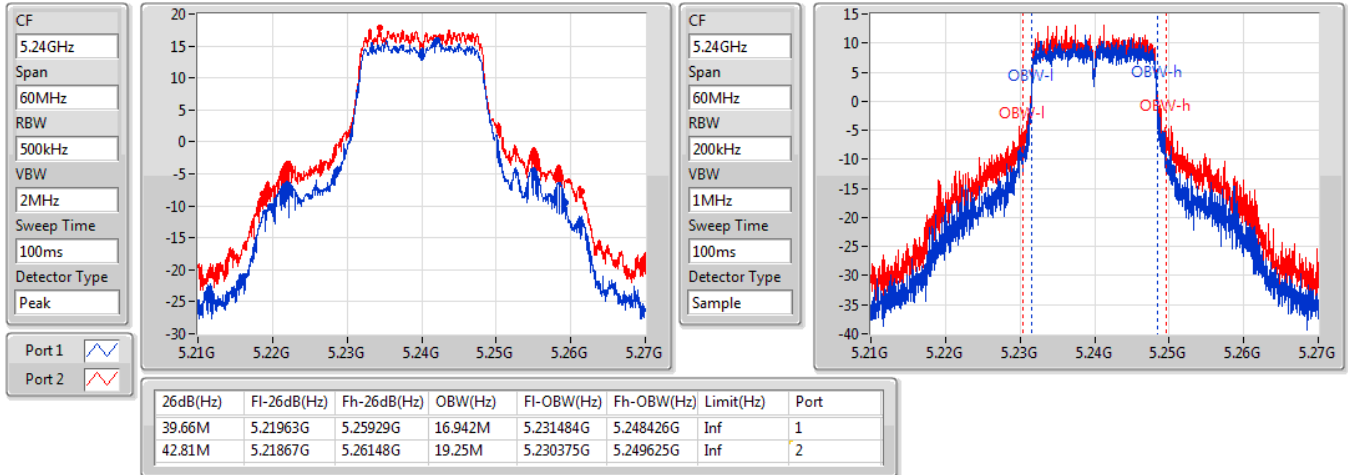

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

04/10/2019

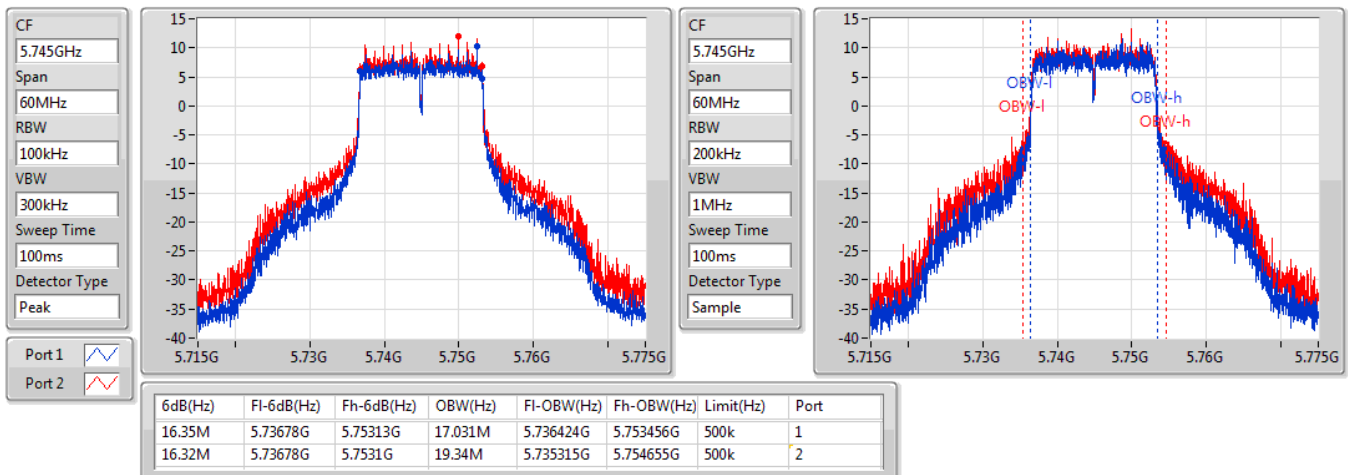


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

04/10/2019

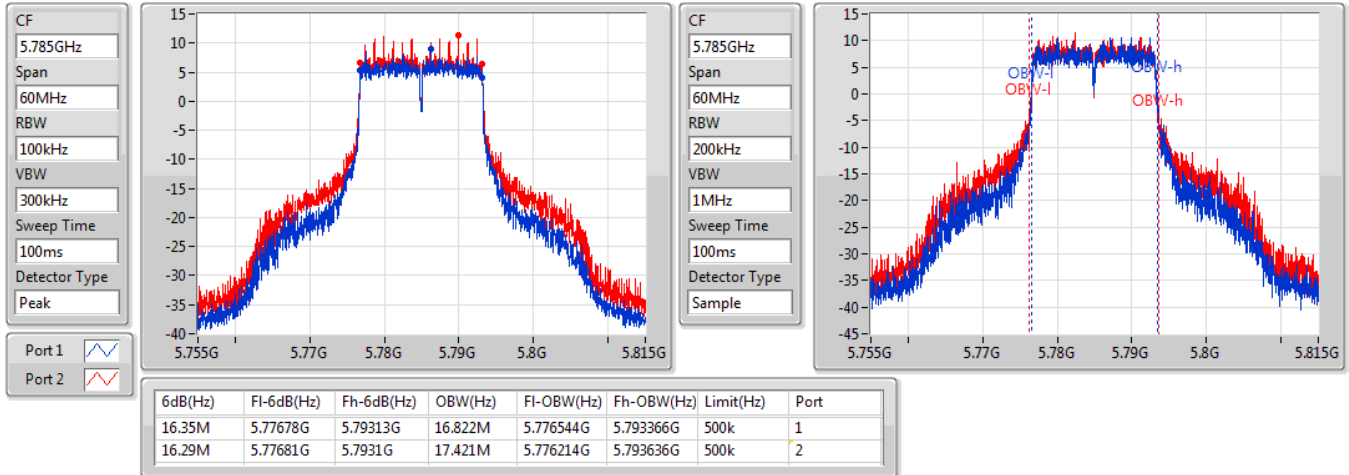

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

04/10/2019

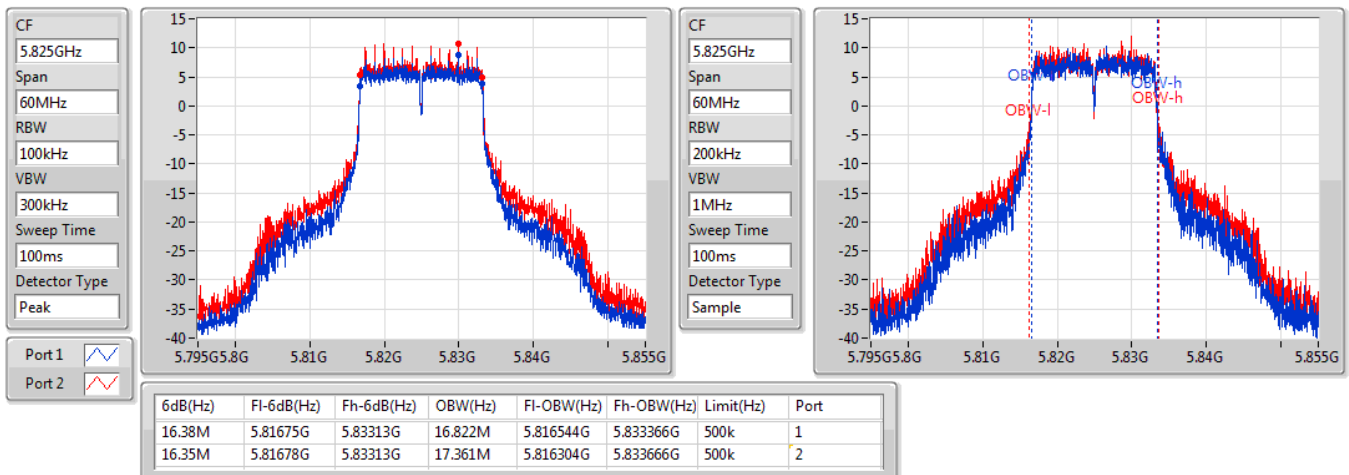


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

04/10/2019

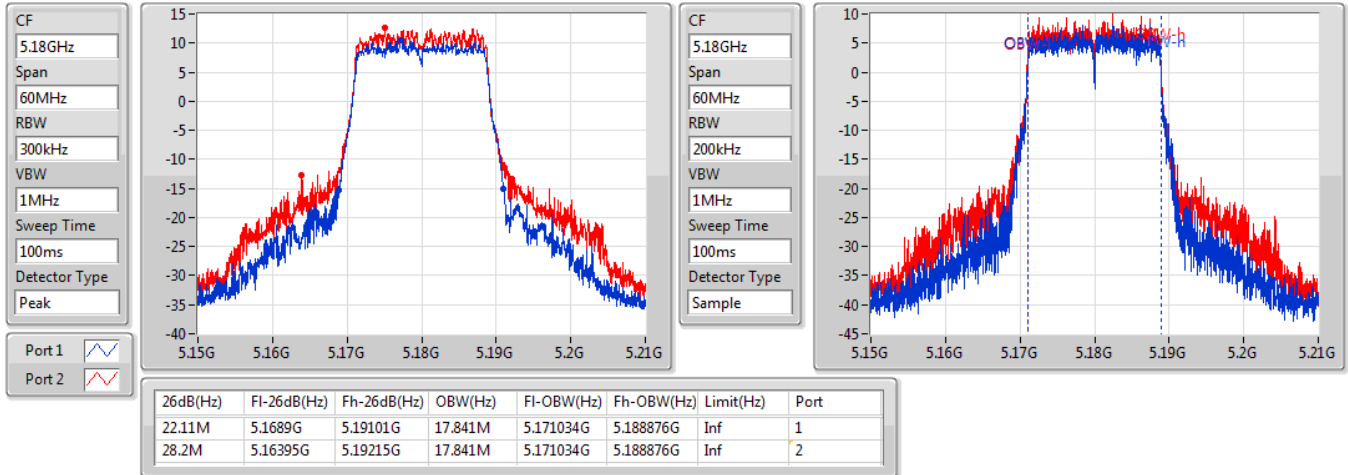

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

04/10/2019

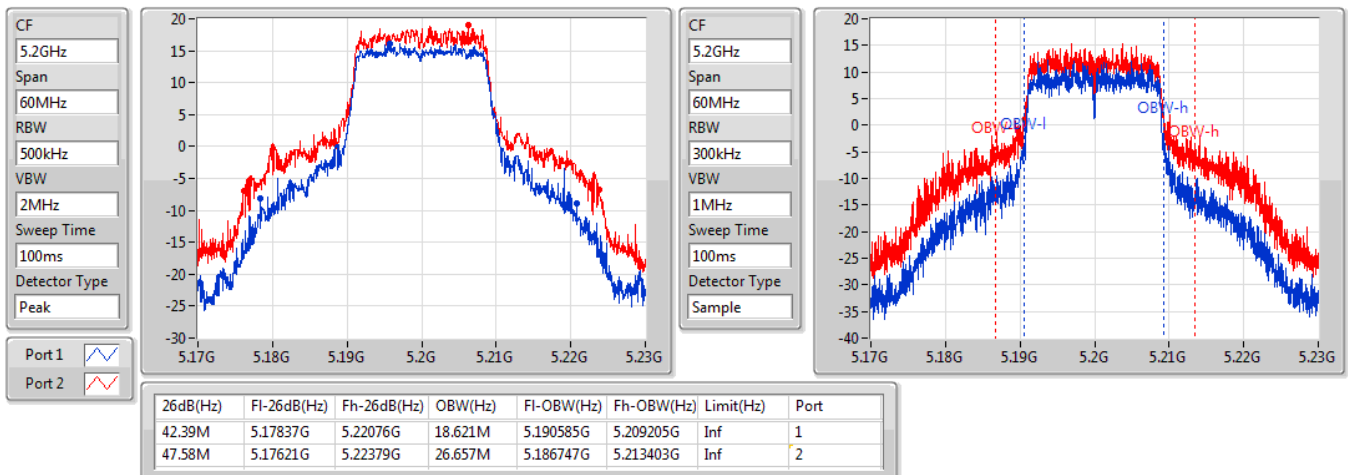


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5180MHz

04/10/2019

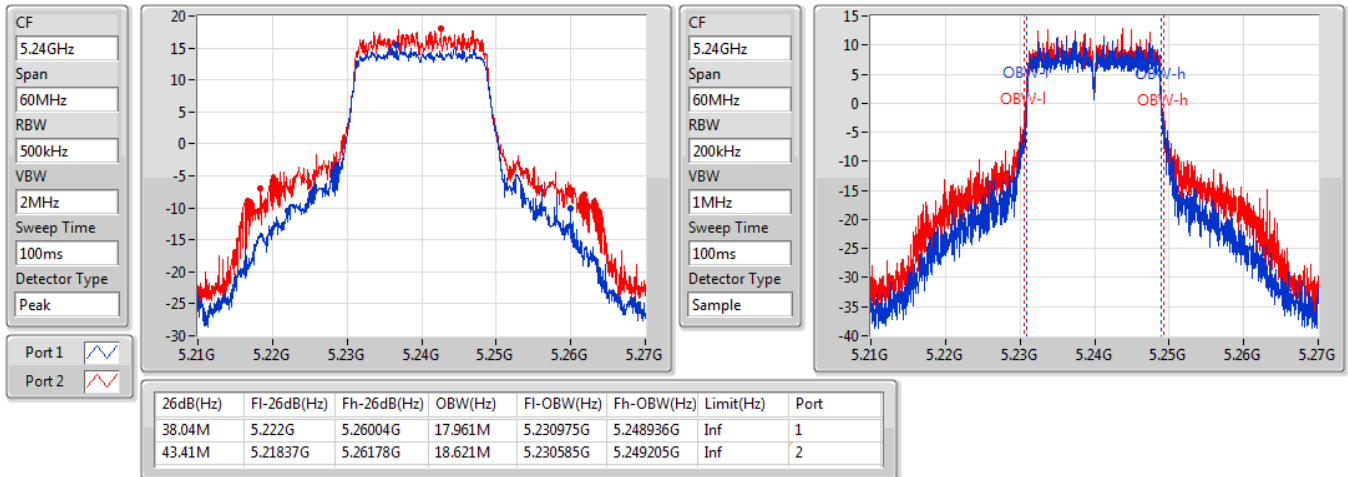

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5200MHz

04/10/2019

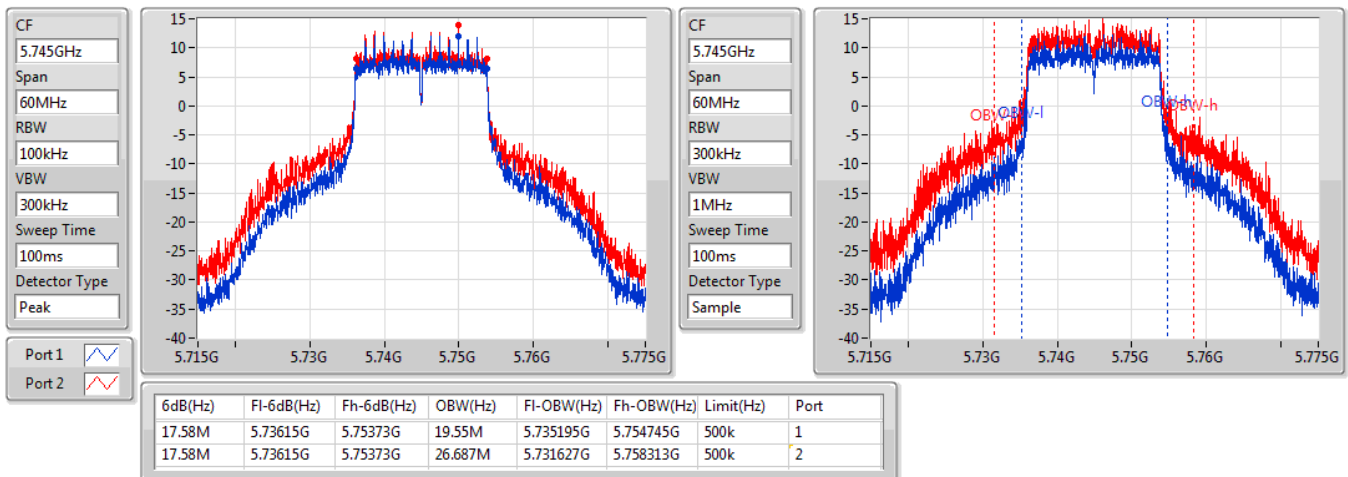


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5240MHz

04/10/2019

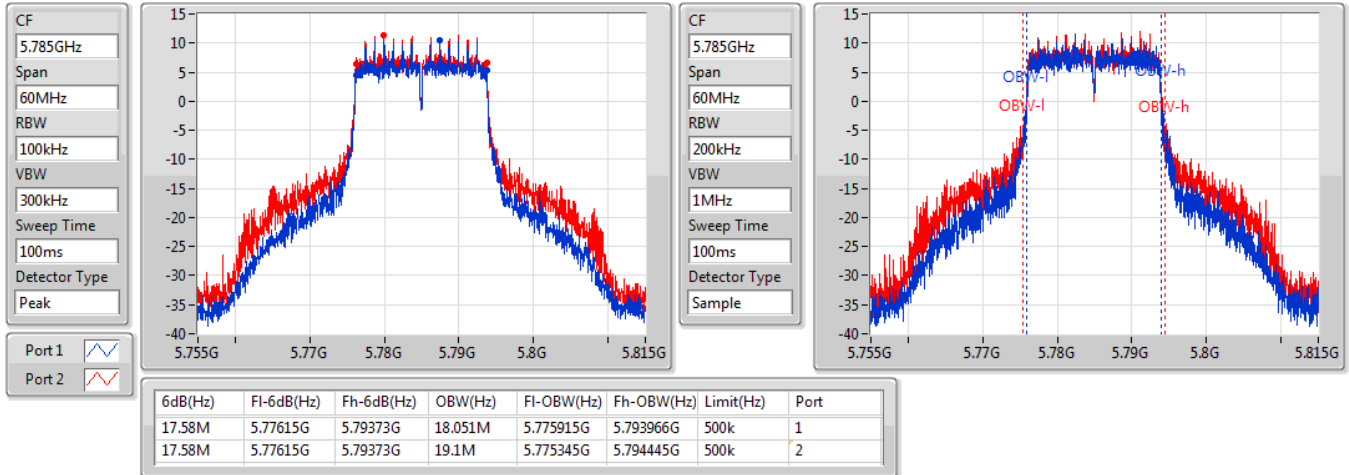

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5745MHz

04/10/2019

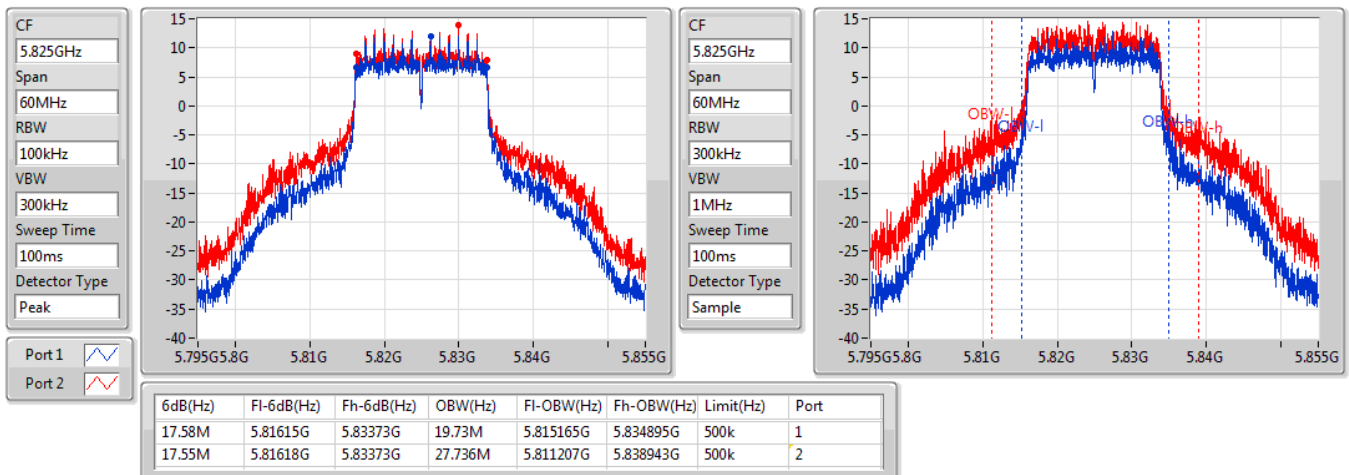


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5785MHz

04/10/2019

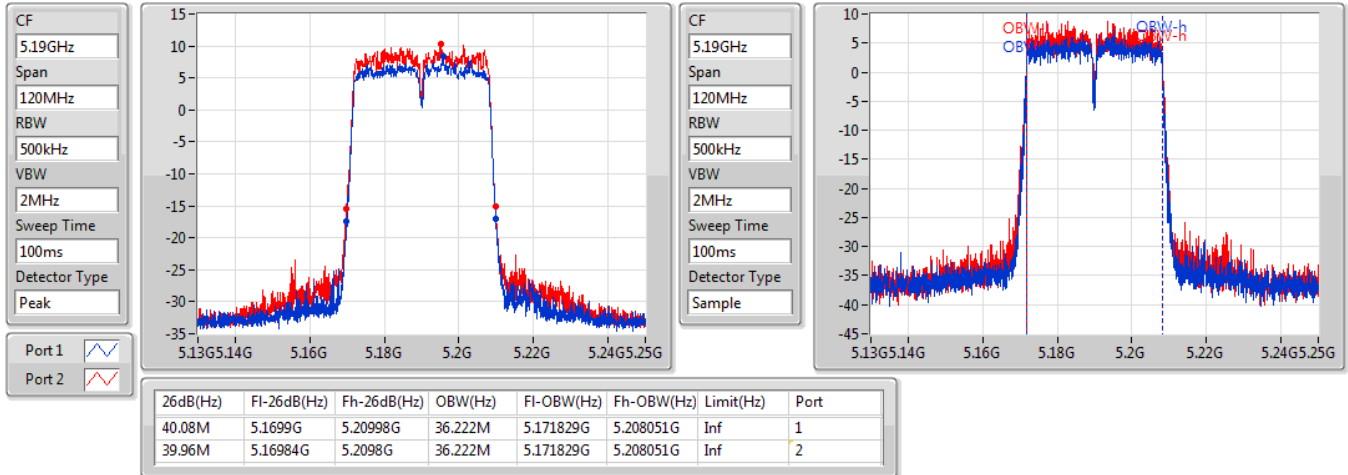

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5825MHz

04/10/2019

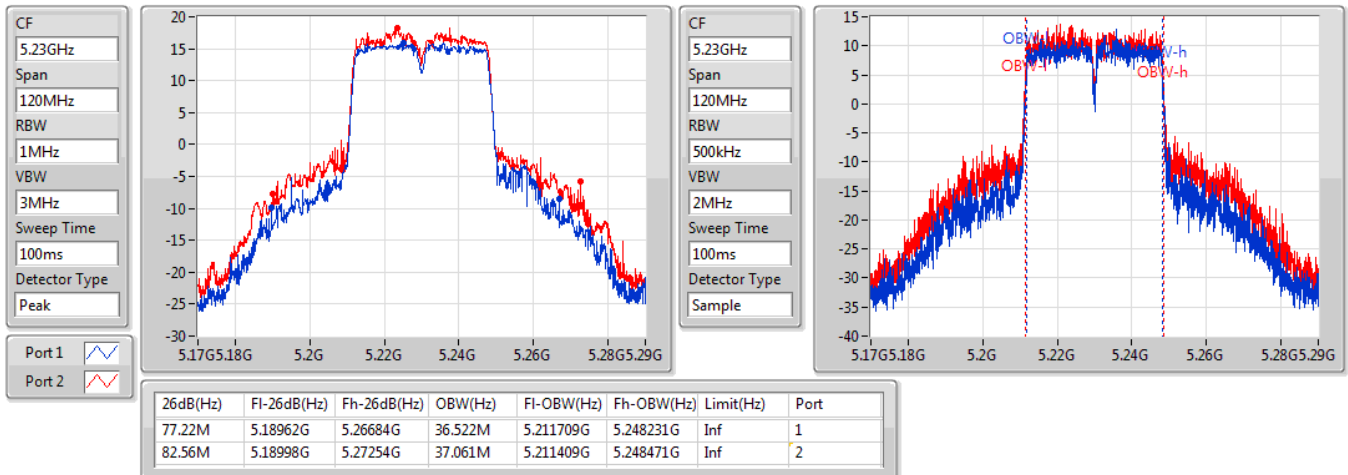


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5190MHz

04/10/2019

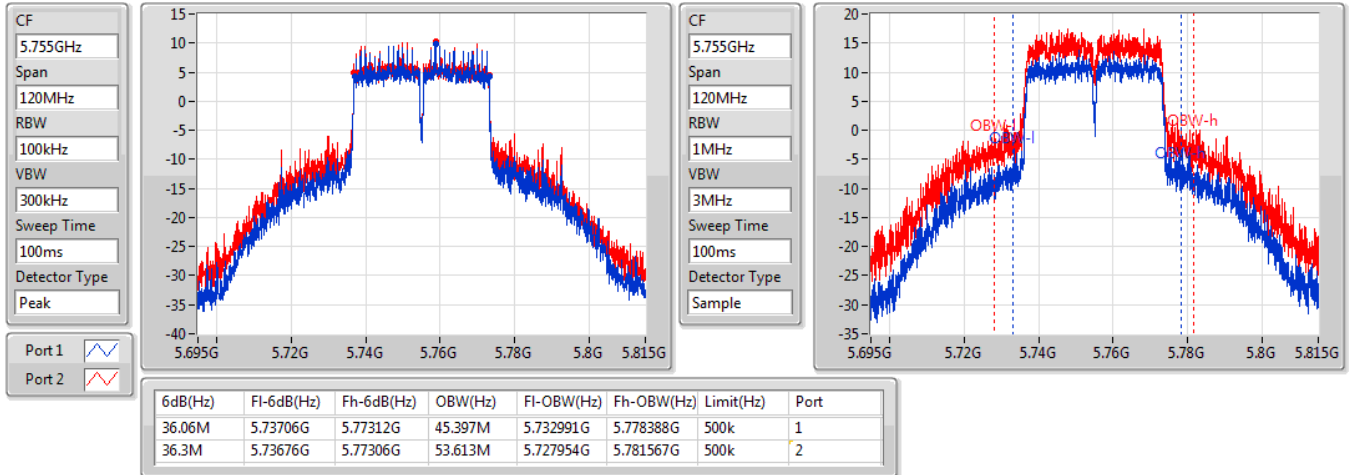

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5230MHz

04/10/2019

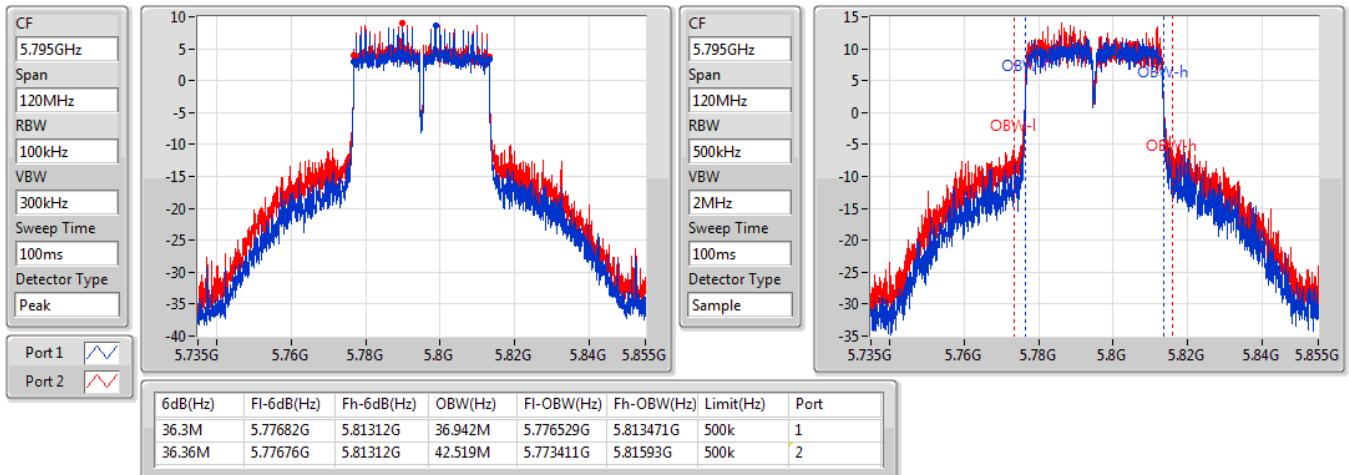


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5755MHz

04/10/2019

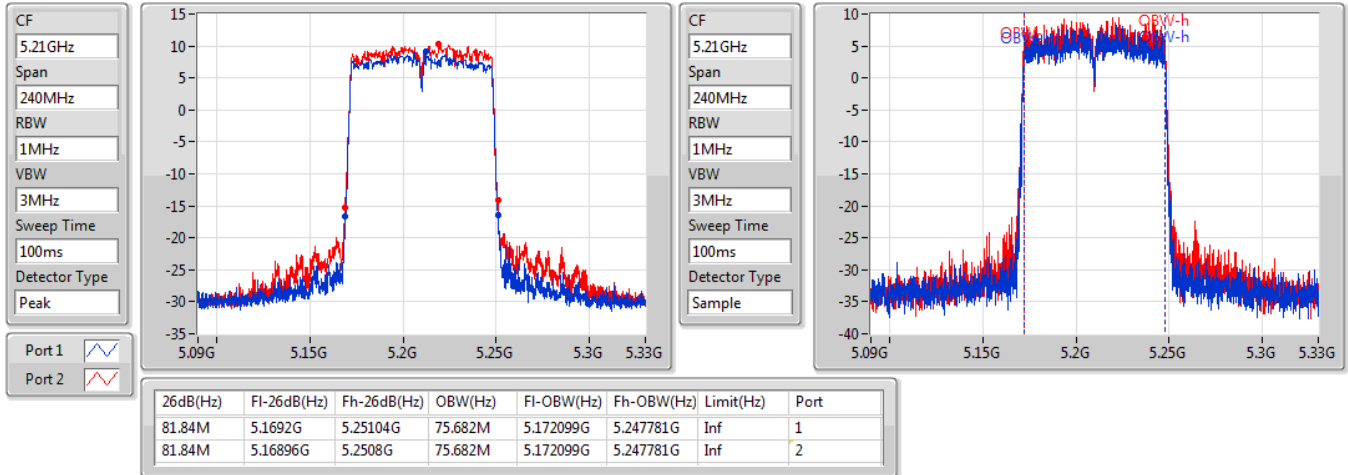

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5795MHz

04/10/2019

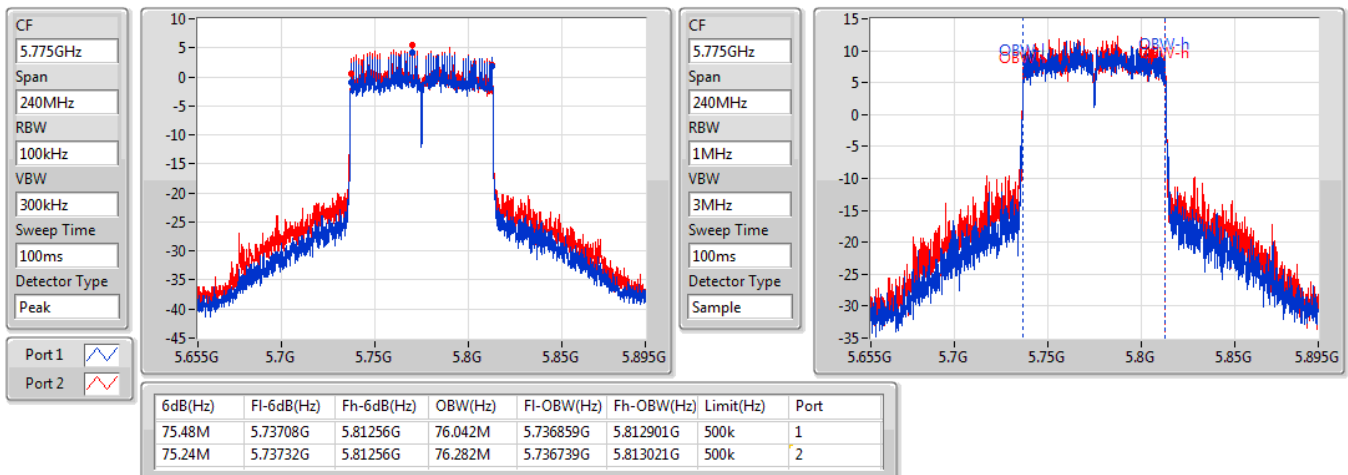


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5210MHz

04/10/2019

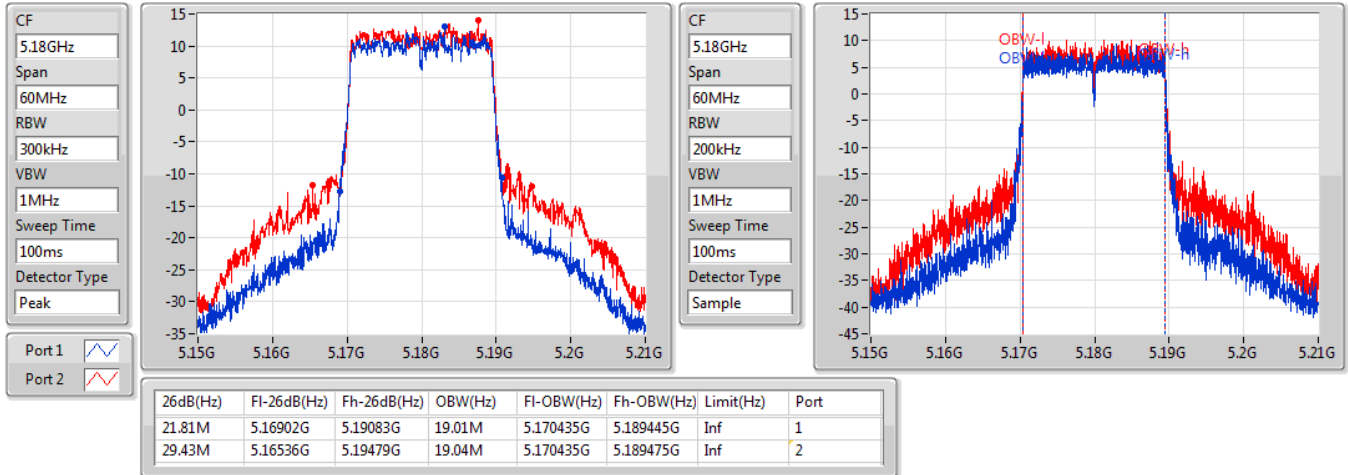

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5775MHz

04/10/2019

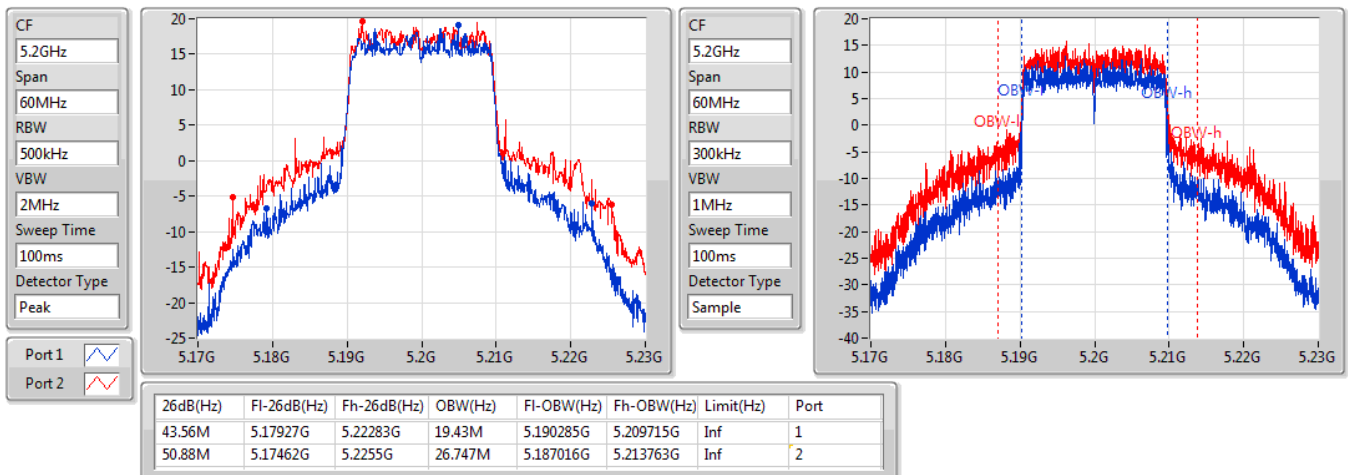


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5180MHz

04/10/2019

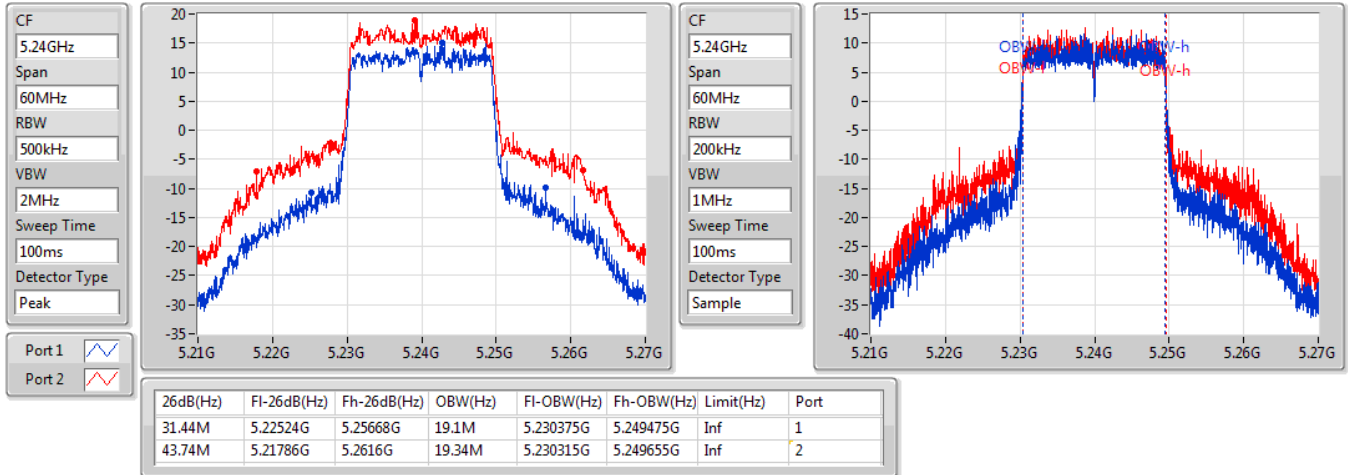

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5200MHz

04/10/2019

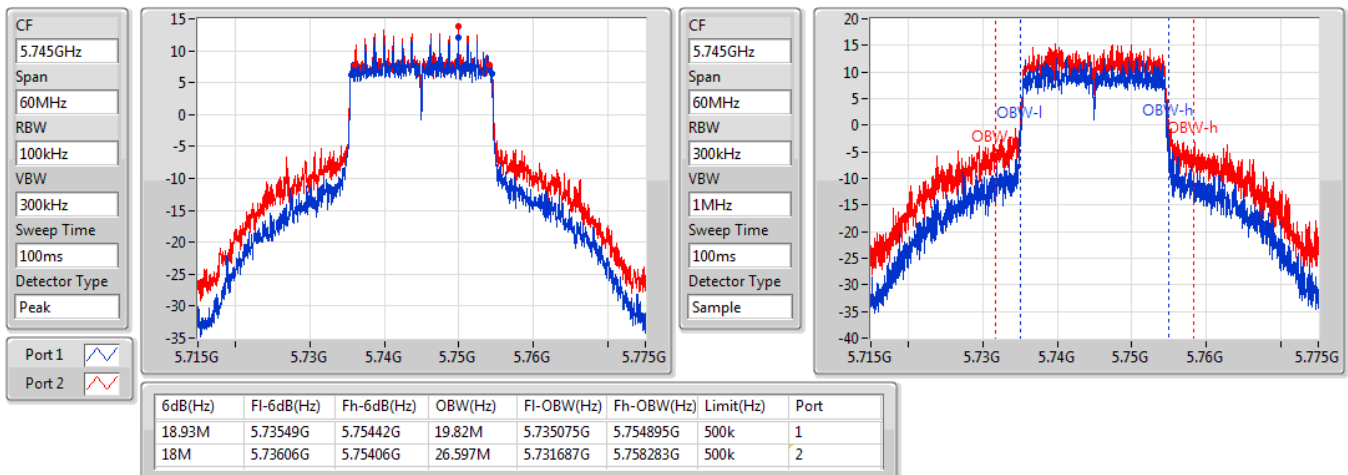


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5240MHz

04/10/2019

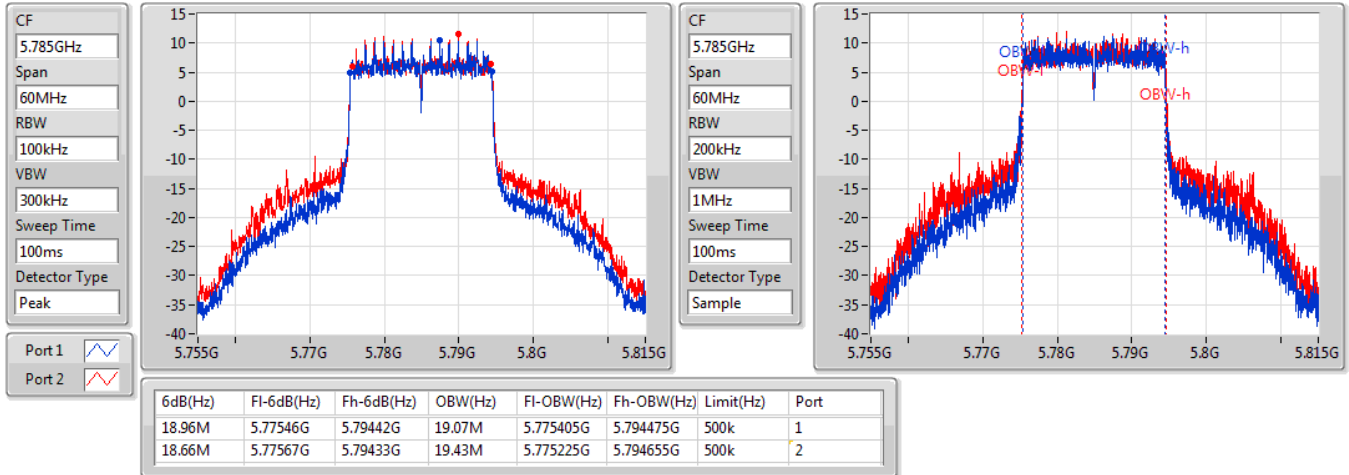

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5745MHz

04/10/2019

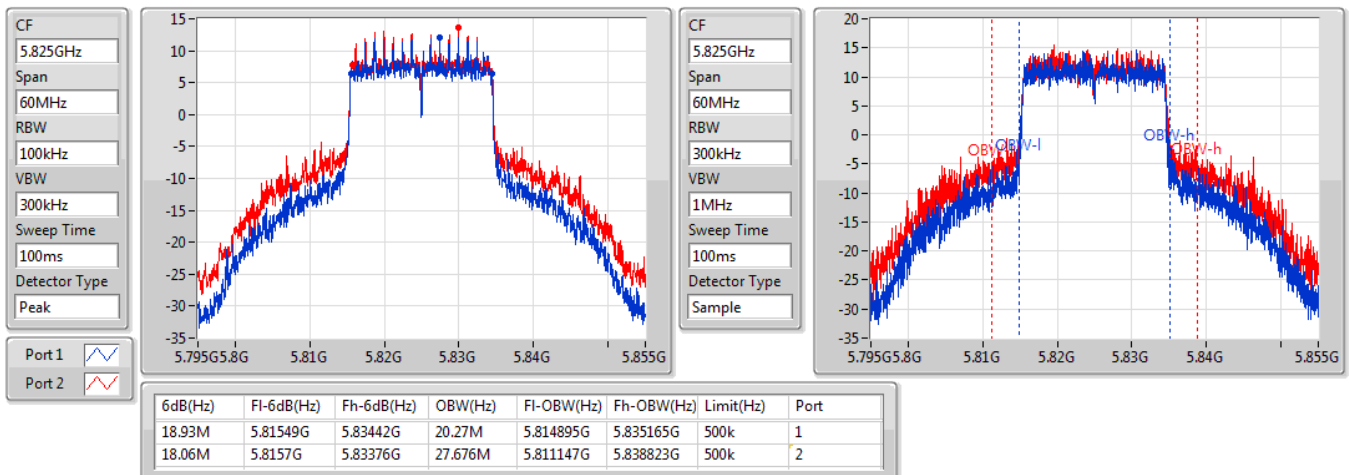


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5785MHz

04/10/2019

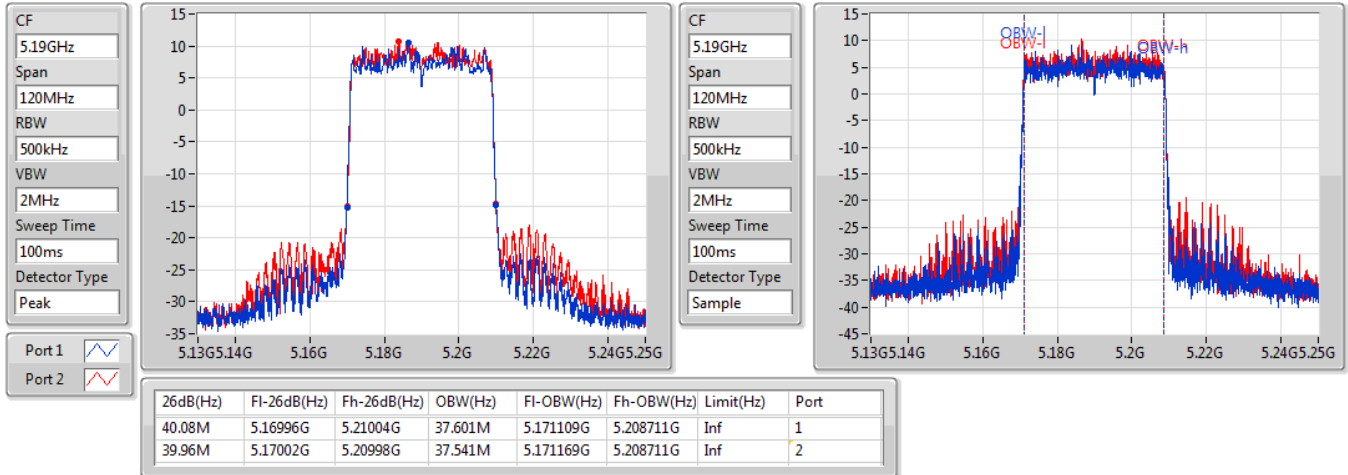

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5825MHz

04/10/2019

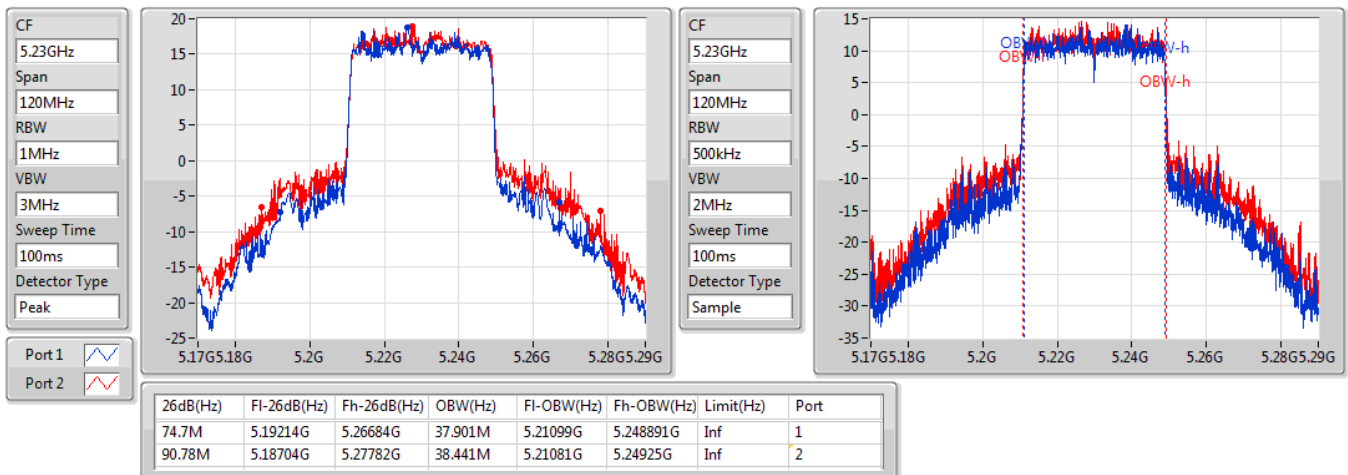


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5190MHz

04/10/2019

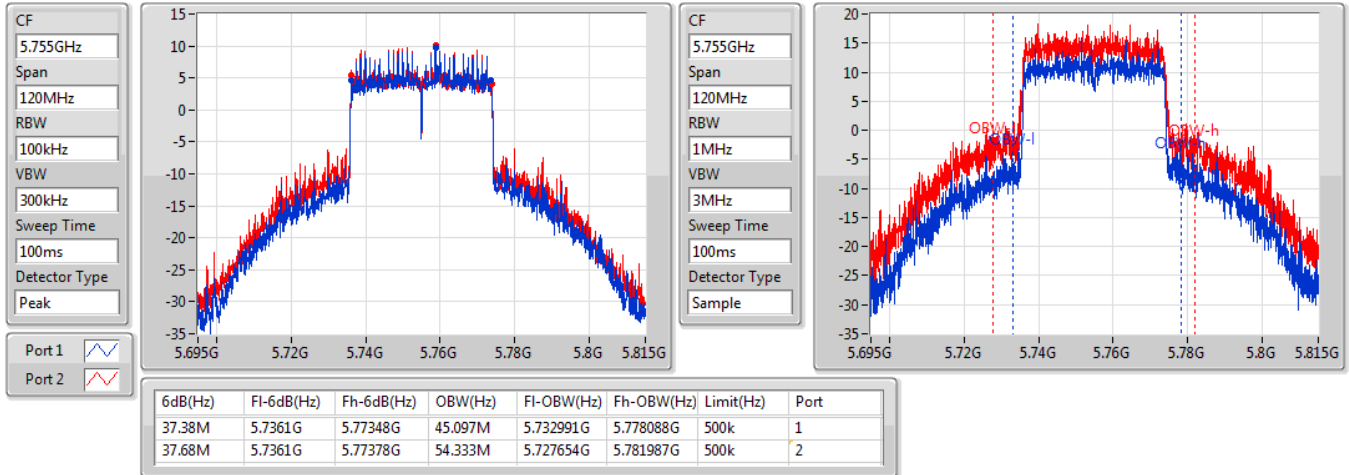

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5230MHz

04/10/2019

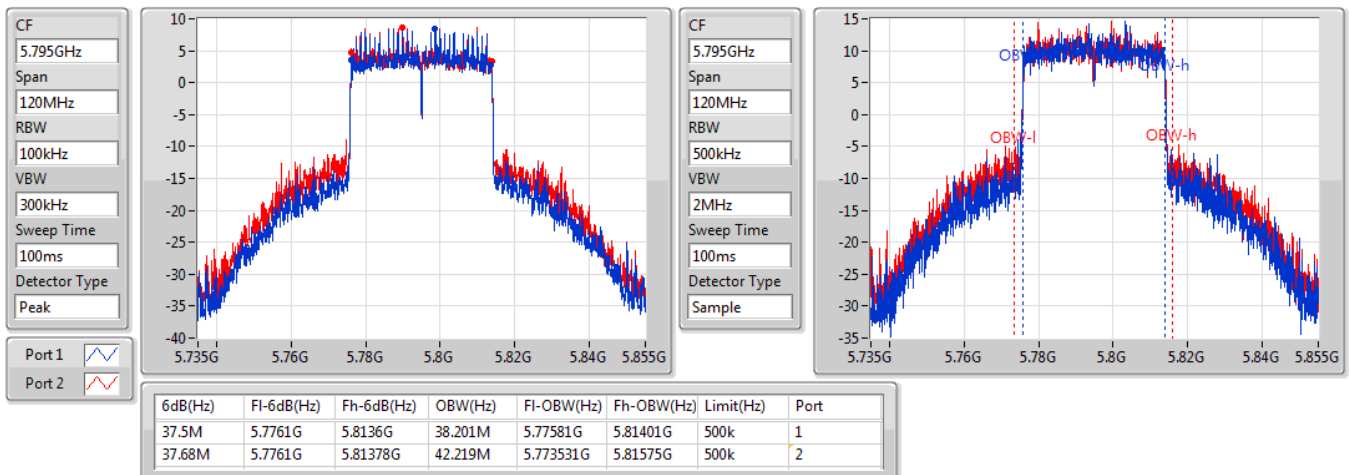


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5755MHz

04/10/2019

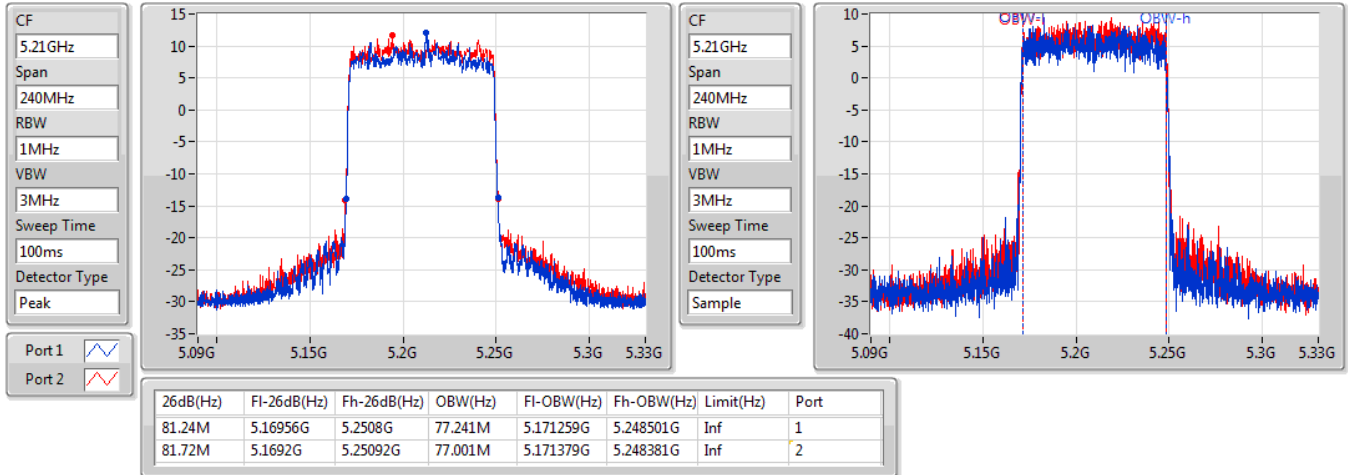

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5795MHz

04/10/2019

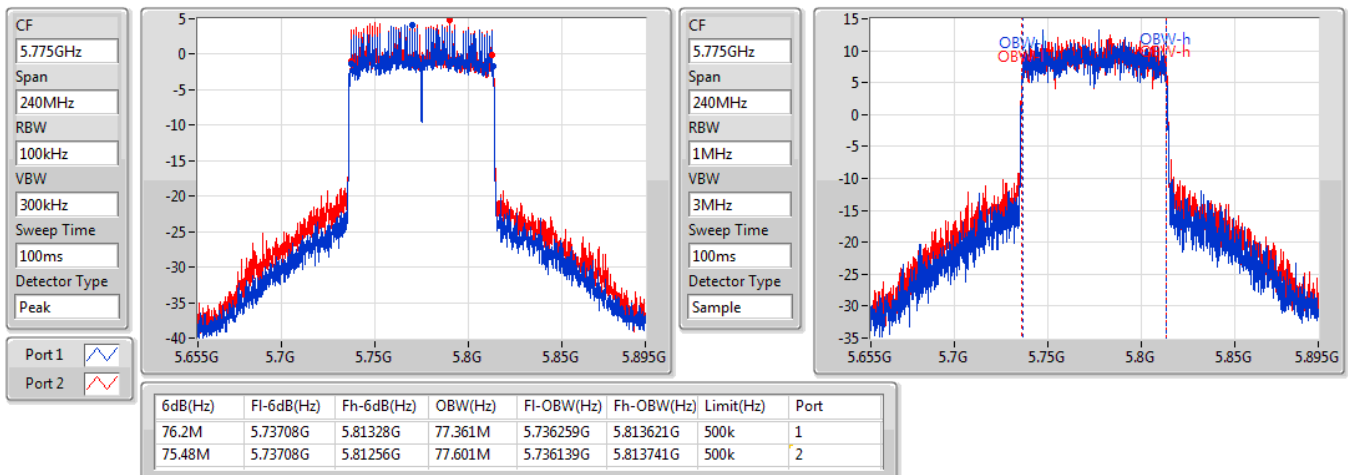


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5210MHz

04/10/2019


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5775MHz

04/10/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	44.58M	22.699M	22M7D1D	21.75M	17.781M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	86.22M	37.061M	37M1D1D	40.26M	36.282M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.84M	75.802M	75M8D1D	81.48M	75.802M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	46.5M	26.777M	26M8D1D	23.19M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	78.66M	38.201M	38M2D1D	39.84M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.2M	77.121M	77M1D1D	81.48M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.58M	18.051M	18M1D1D	17.55M	17.781M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.36M	36.402M	36M4D1D	36.3M	36.342M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.48M	76.282M	76M3D1D	75.12M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.96M	19.46M	19M5D1D	18.69M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.62M	37.901M	37M9D1D	37.32M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.8M	77.721M	77M7D1D	75.48M	77.361M

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

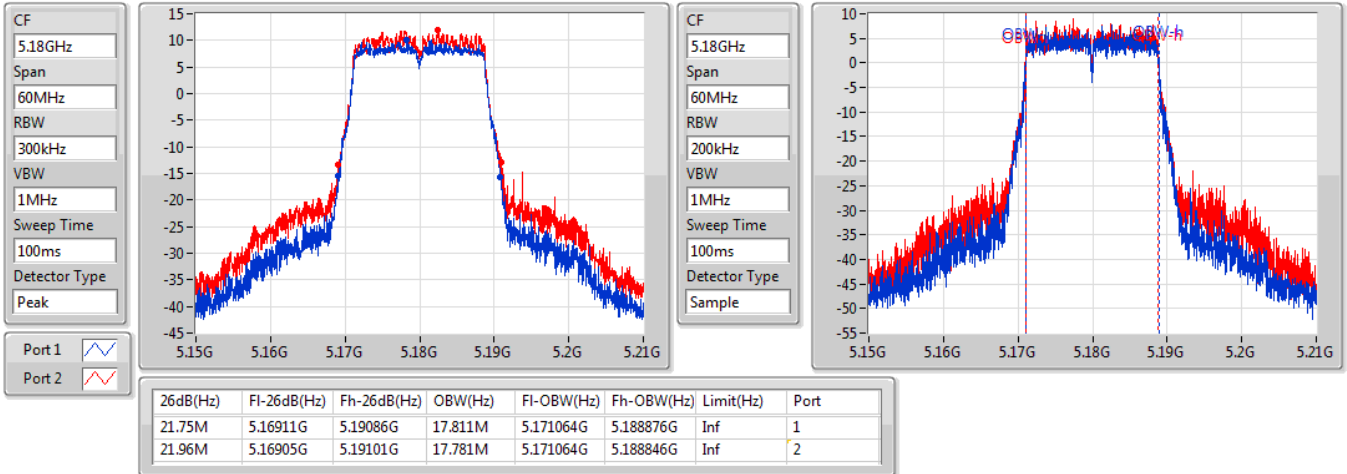
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	17.811M	21.96M	17.781M
5200MHz	Pass	Inf	42.78M	18.171M	44.58M	22.699M
5240MHz	Pass	Inf	39.24M	17.931M	39.96M	18.591M
5745MHz	Pass	500k	17.58M	17.811M	17.58M	17.841M
5785MHz	Pass	500k	17.58M	17.781M	17.55M	17.871M
5825MHz	Pass	500k	17.55M	17.961M	17.55M	18.051M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	36.282M	42.72M	36.282M
5230MHz	Pass	Inf	76.86M	36.522M	86.22M	37.061M
5755MHz	Pass	500k	36.3M	36.342M	36.36M	36.402M
5795MHz	Pass	500k	36.3M	36.402M	36.3M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	75.802M	81.48M	75.802M
5775MHz	Pass	500k	75.12M	75.922M	75.48M	76.282M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.19M	18.981M	23.25M	19.01M
5200MHz	Pass	Inf	44.07M	20.75M	46.5M	26.777M
5240MHz	Pass	Inf	42.36M	19.28M	42.72M	19.73M
5745MHz	Pass	500k	18.96M	19.04M	18.96M	19.07M
5785MHz	Pass	500k	18.93M	19.07M	18.96M	19.04M
5825MHz	Pass	500k	18.93M	19.46M	18.69M	19.25M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.541M	39.84M	37.601M
5230MHz	Pass	Inf	78.36M	37.961M	78.66M	38.201M
5755MHz	Pass	500k	37.44M	37.721M	37.32M	37.781M
5795MHz	Pass	500k	37.56M	37.841M	37.62M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.121M	81.48M	77.121M
5775MHz	Pass	500k	76.8M	77.361M	75.48M	77.721M

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

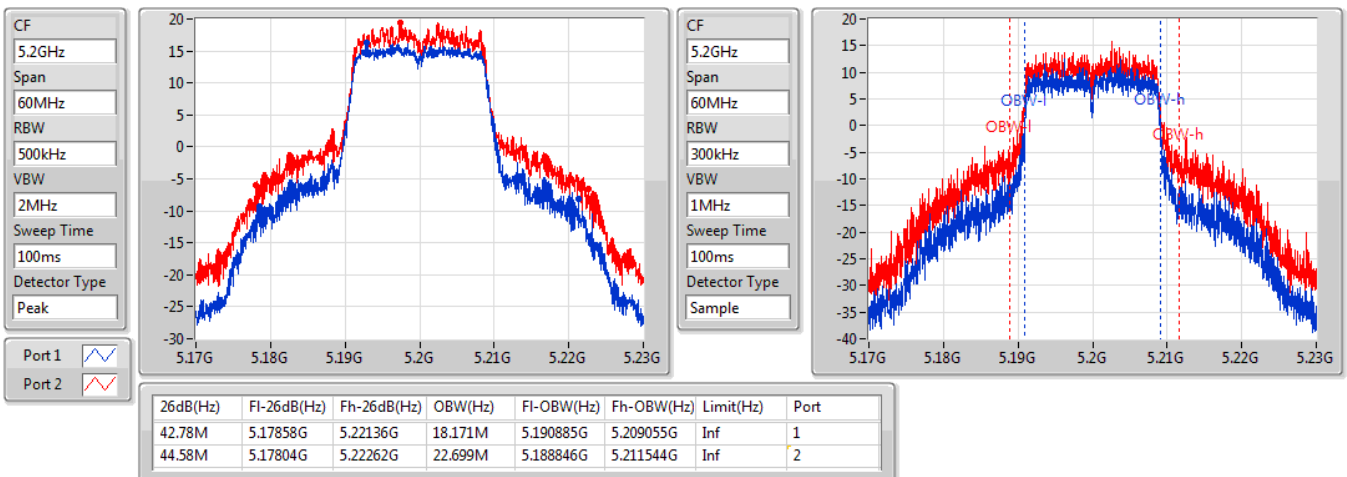
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5180MHz

31/10/2019

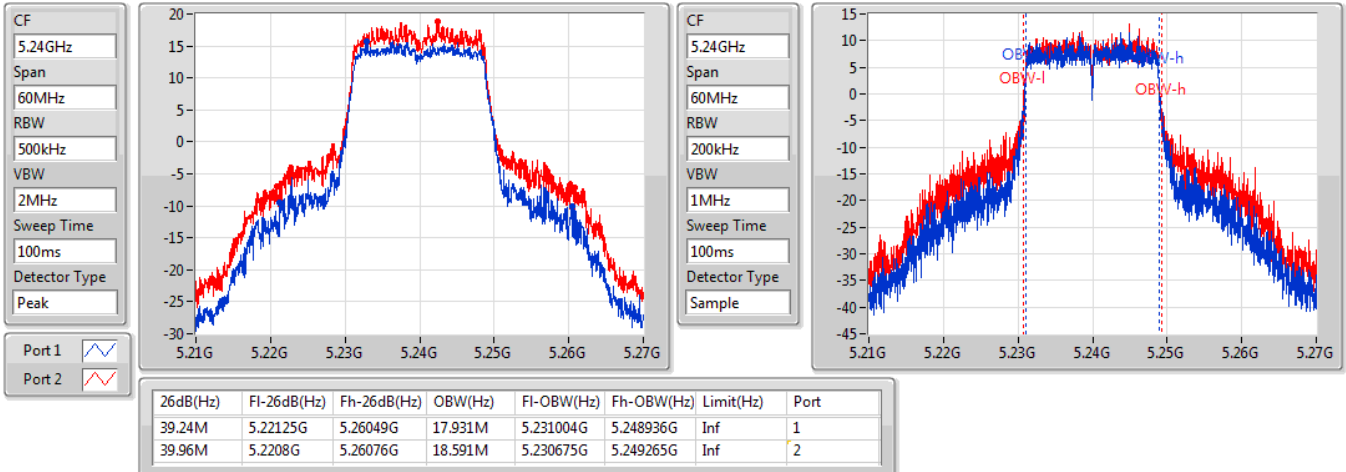

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5200MHz

31/10/2019

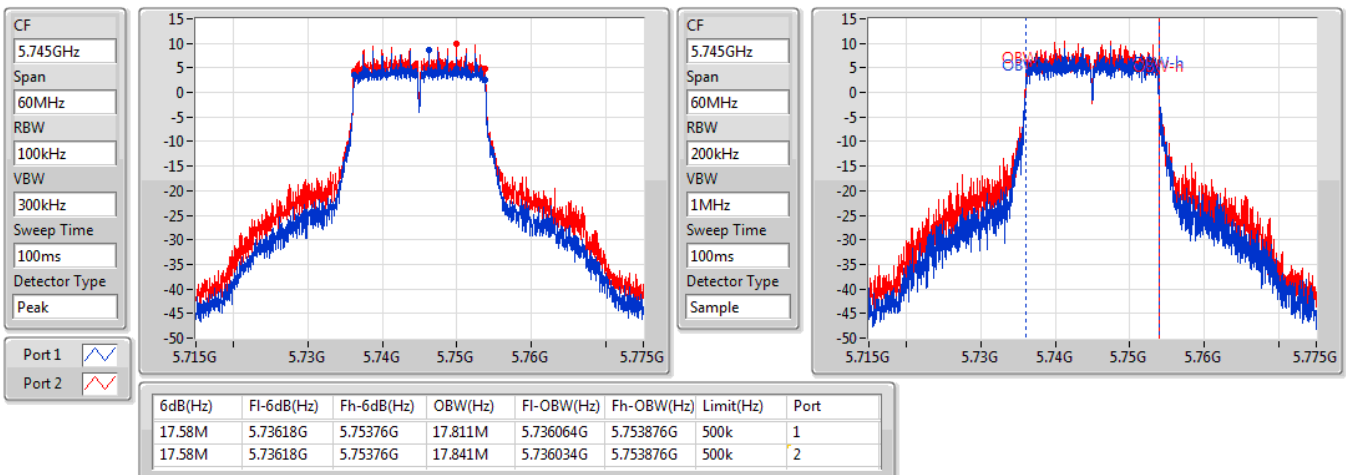


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

31/10/2019

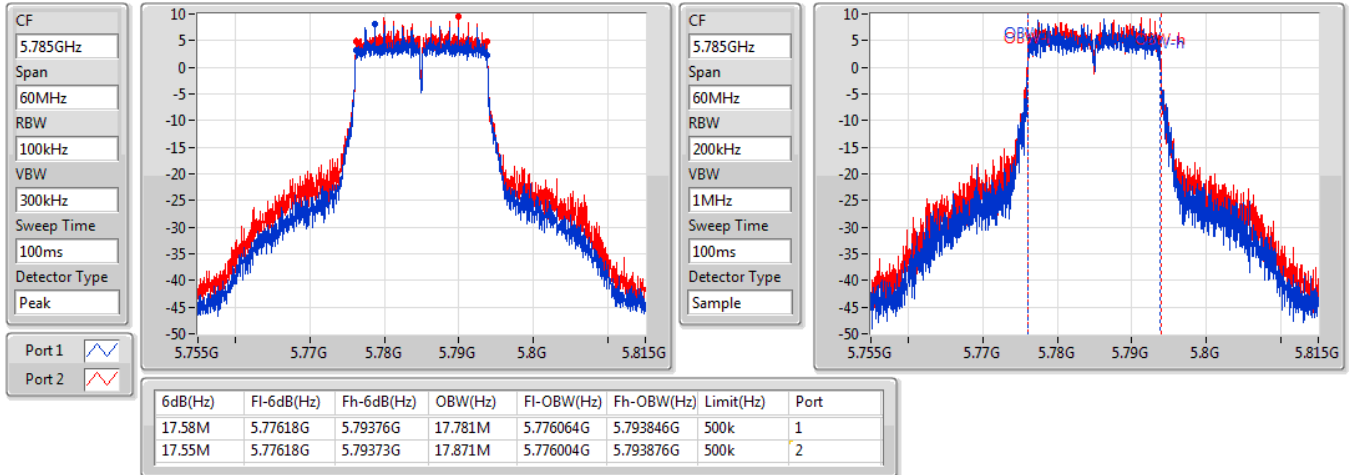

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5745MHz

30/10/2019

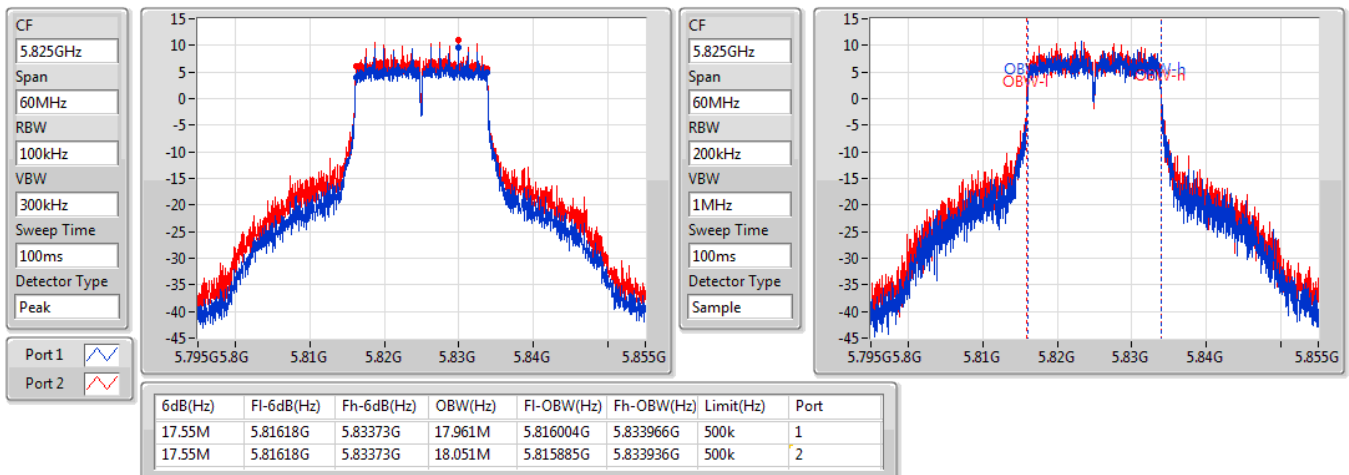


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5785MHz

30/10/2019

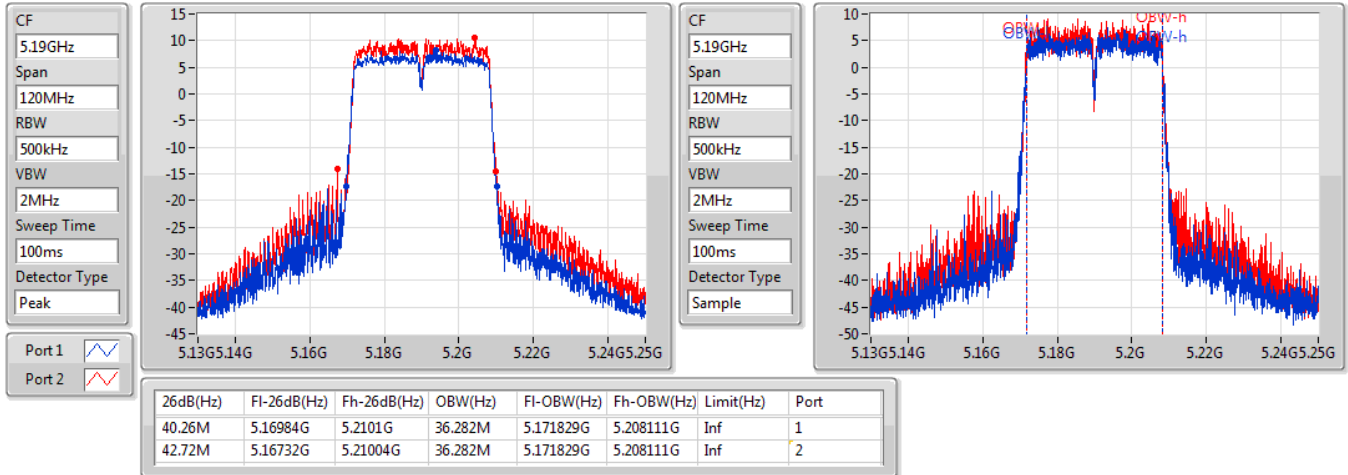

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5825MHz

30/10/2019

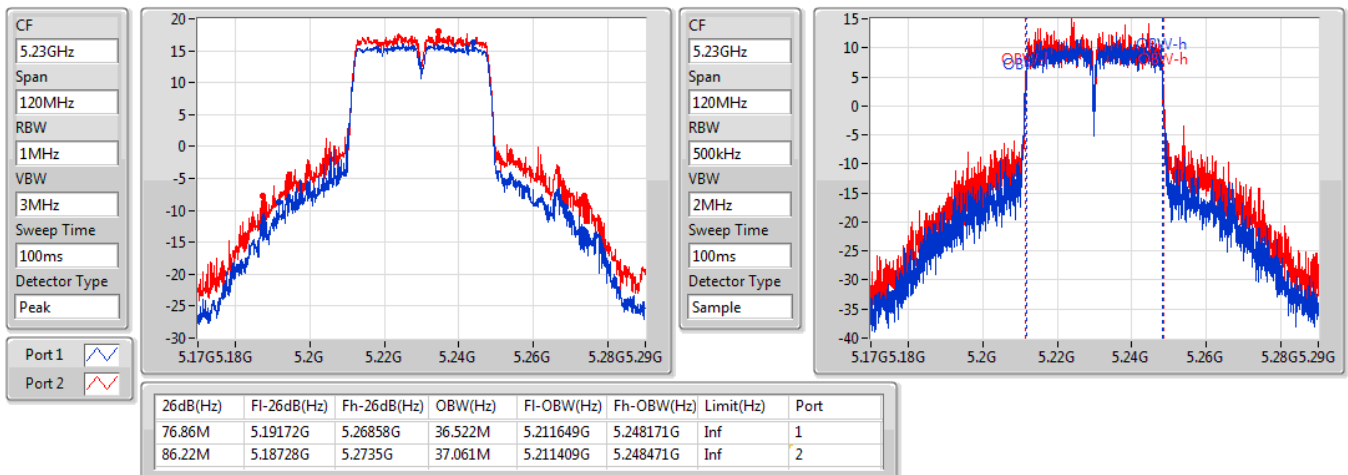


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5190MHz

31/10/2019

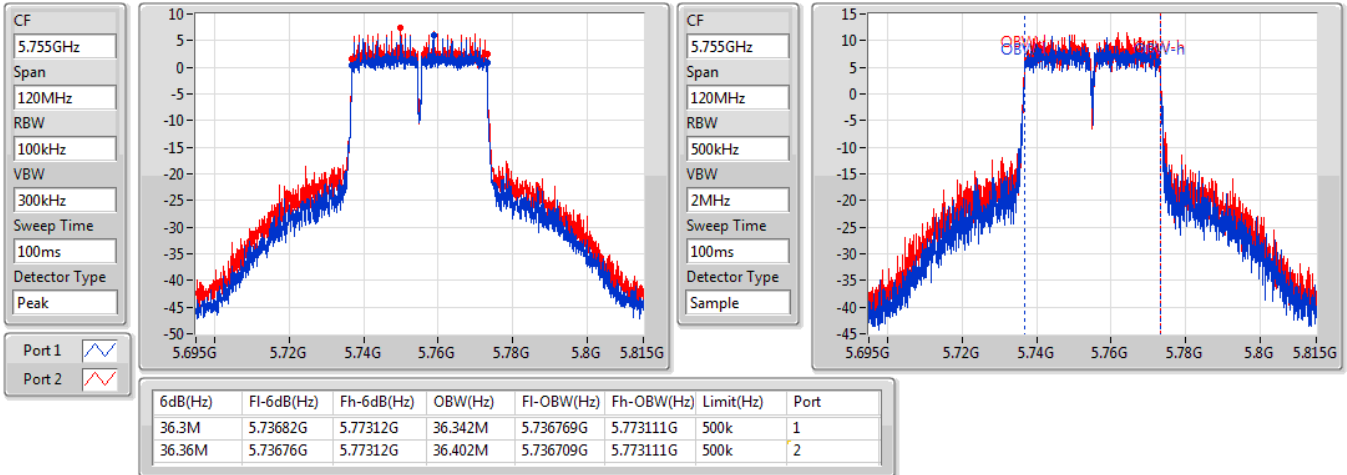

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5230MHz

31/10/2019

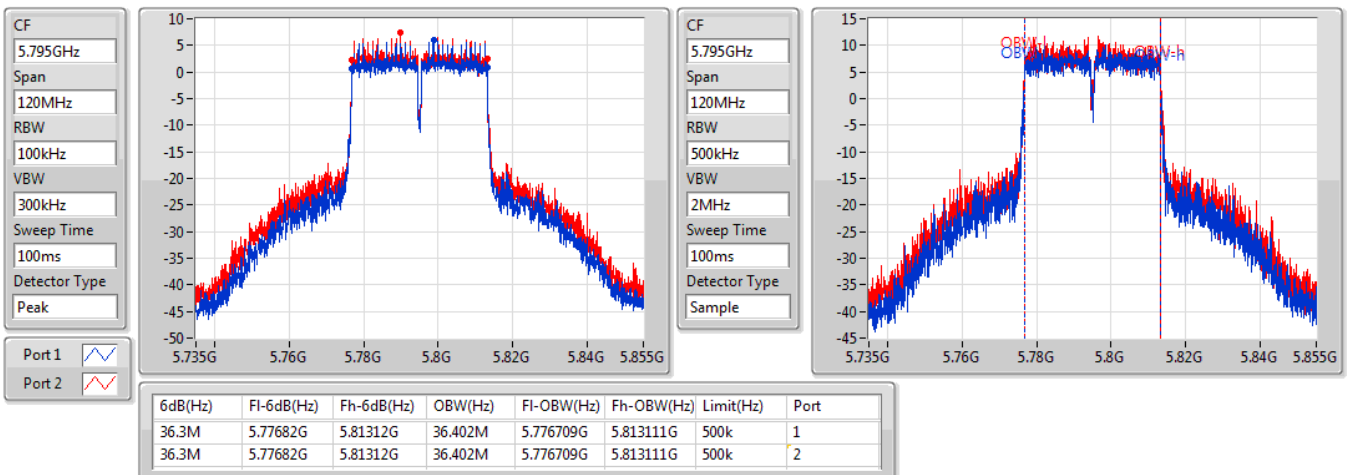


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5755MHz

30/10/2019

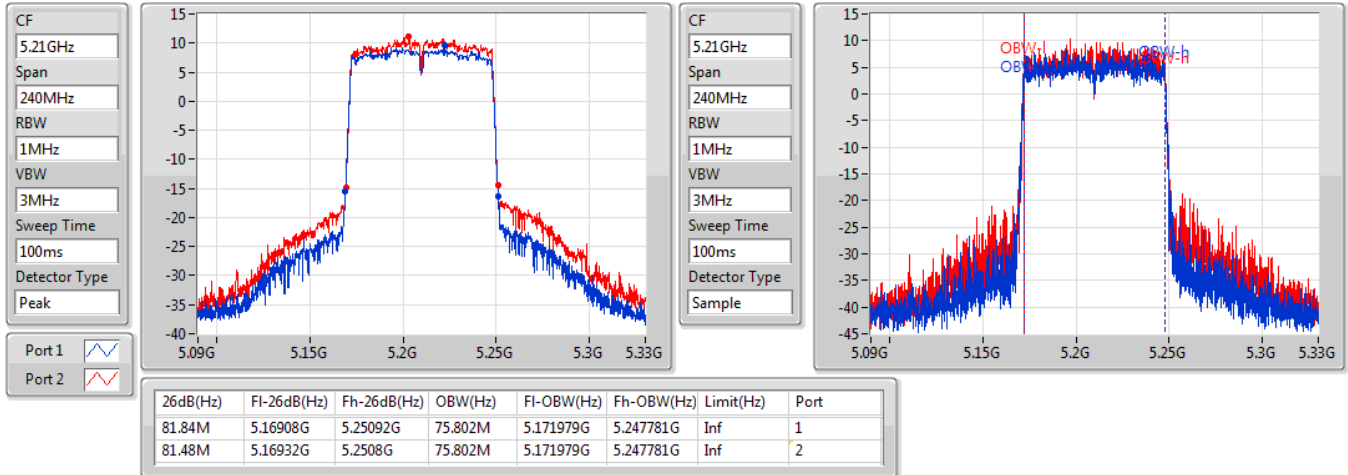

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5795MHz

30/10/2019

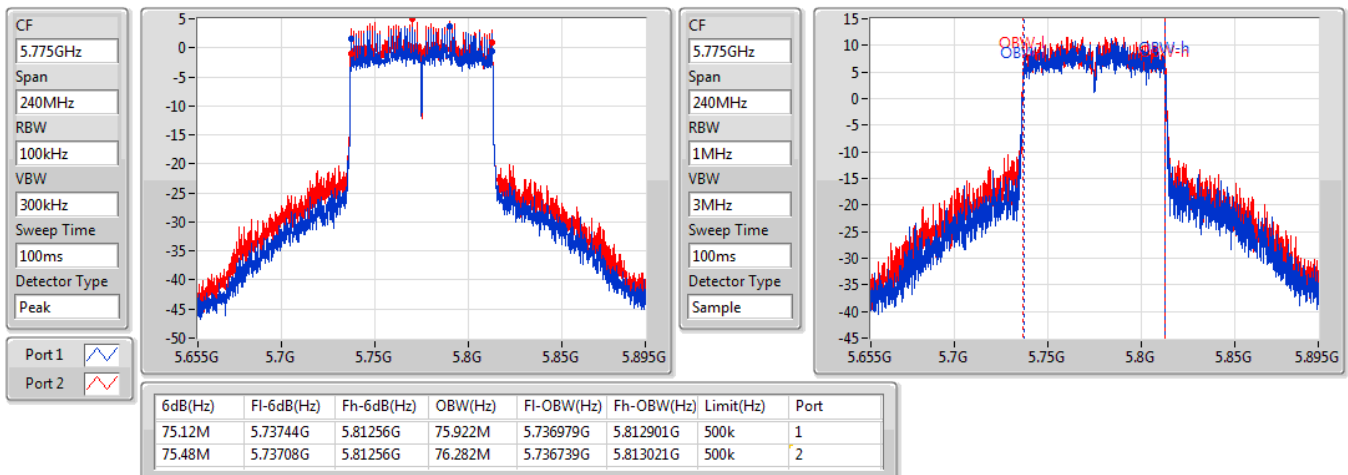


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5210MHz

31/10/2019

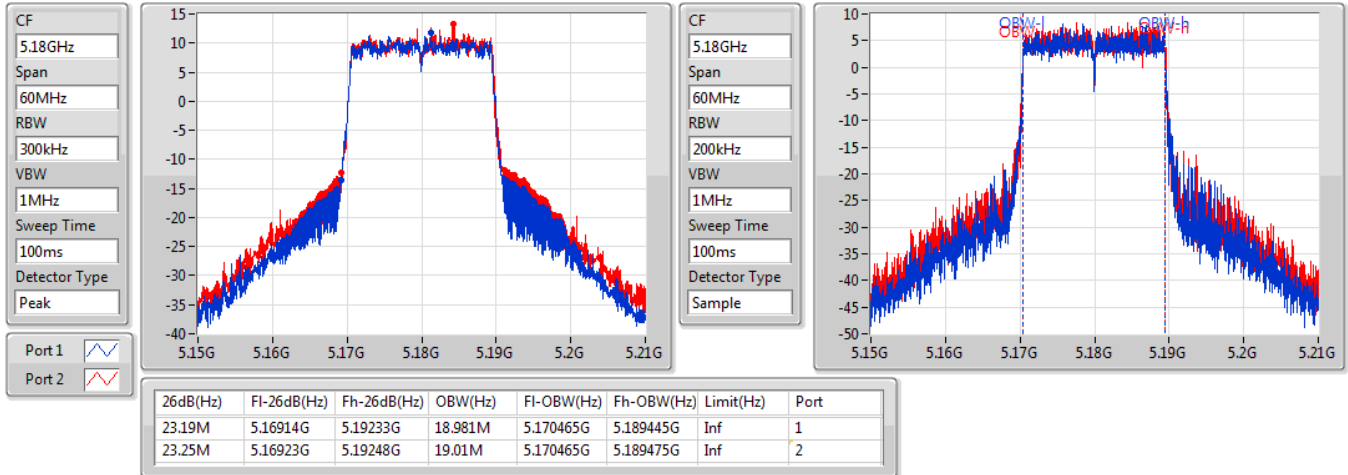

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5775MHz

30/10/2019

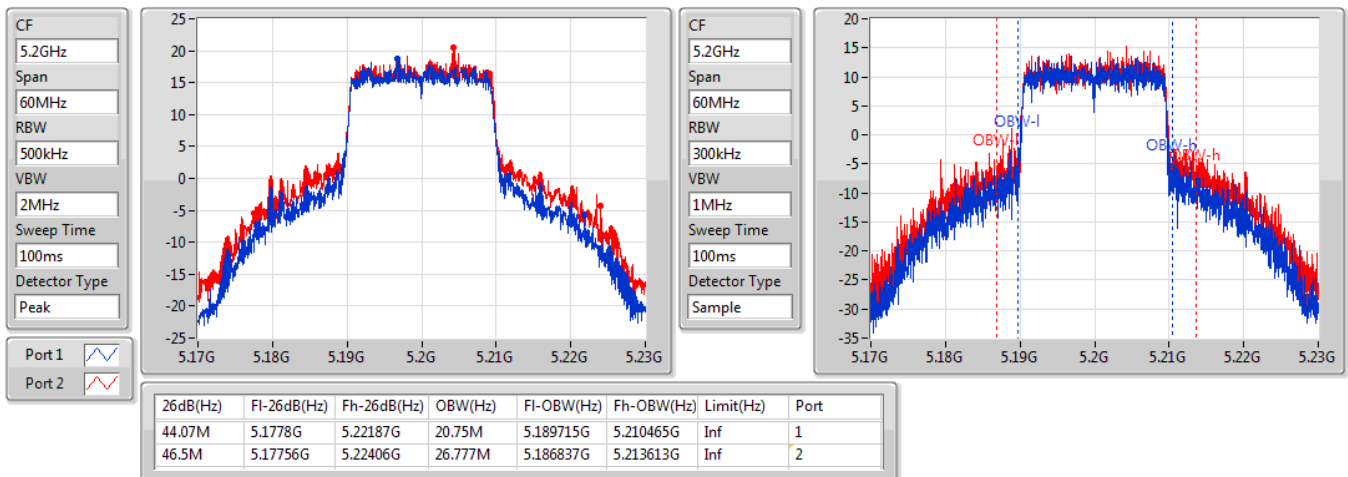


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5180MHz

13/10/2019

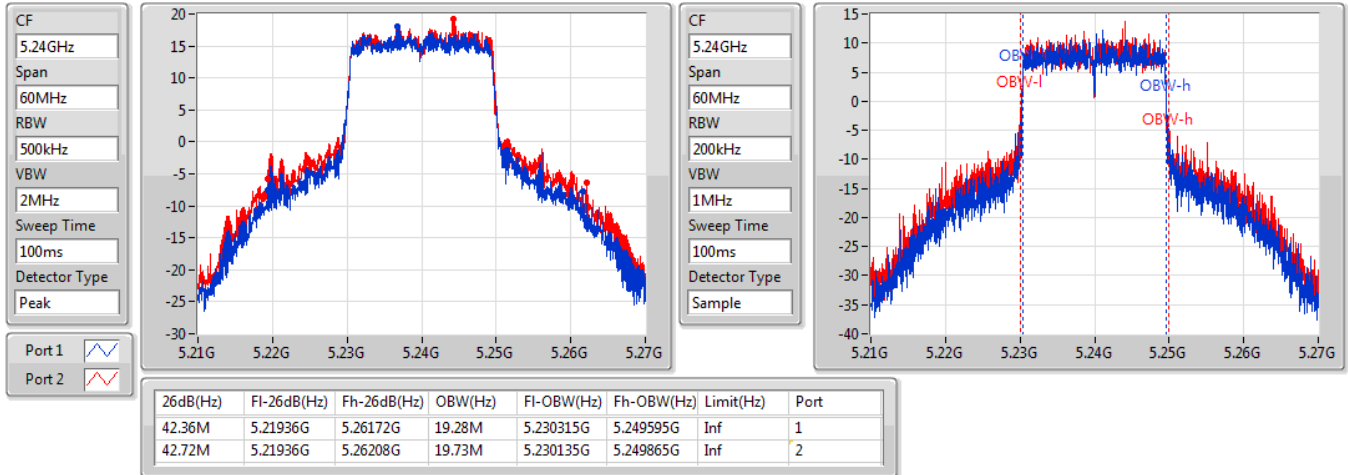

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5200MHz

13/10/2019

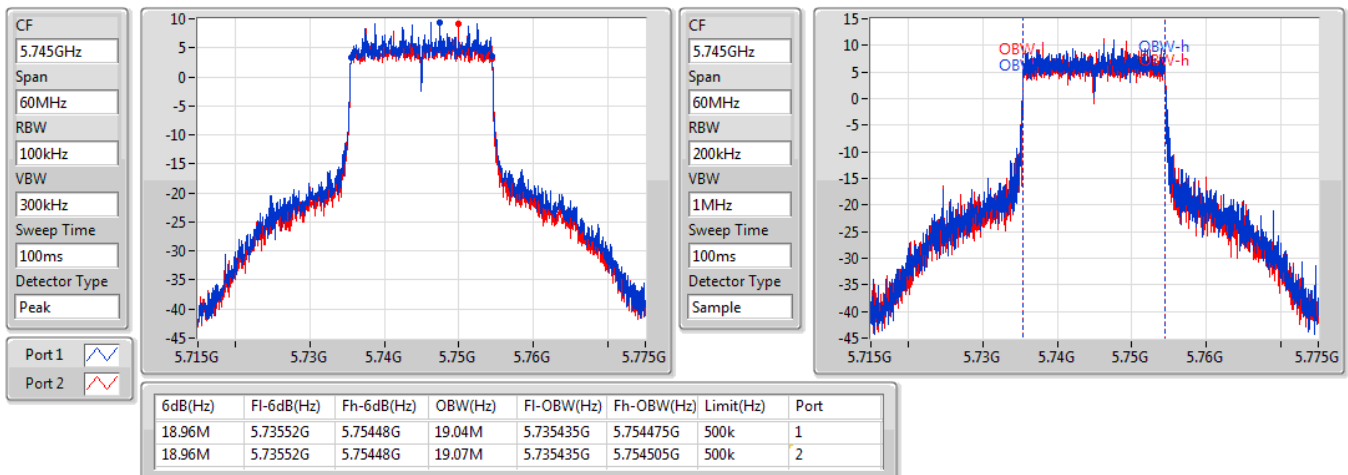


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

13/10/2019

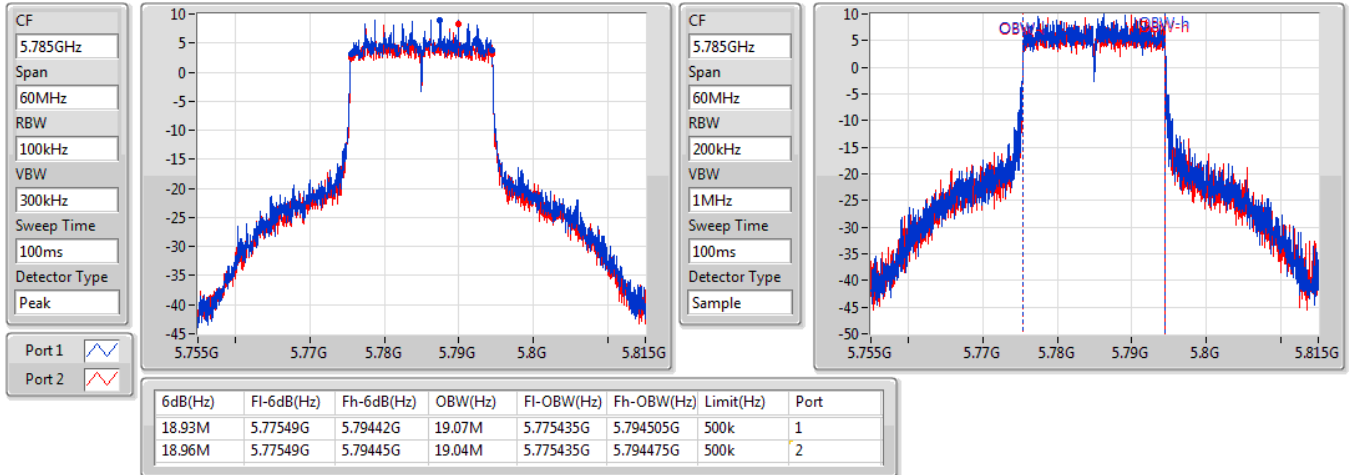

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5745MHz

16/10/2019

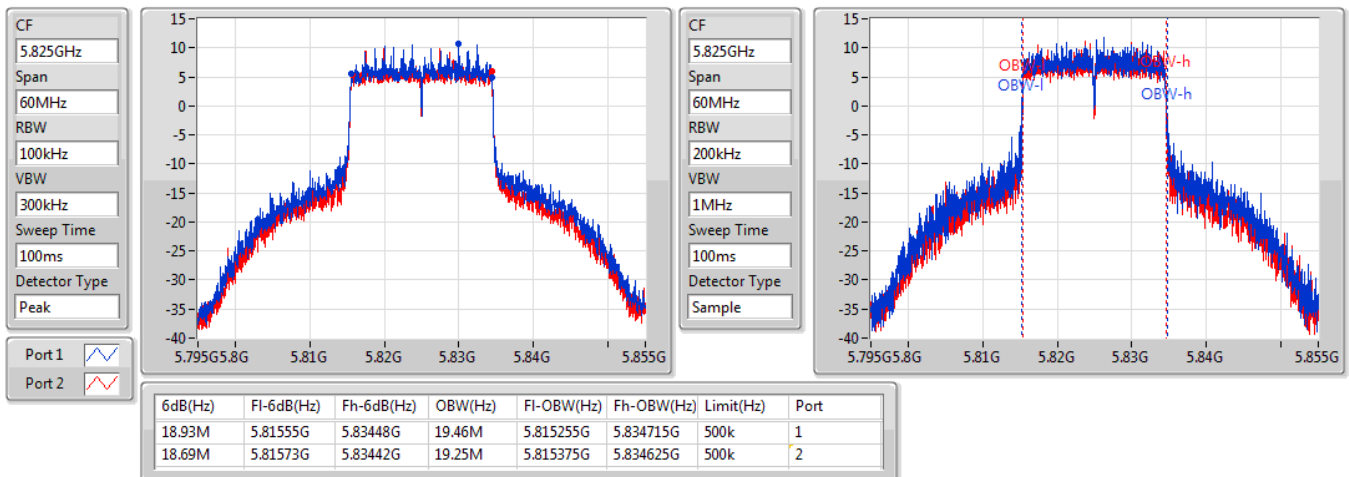


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5785MHz

16/10/2019

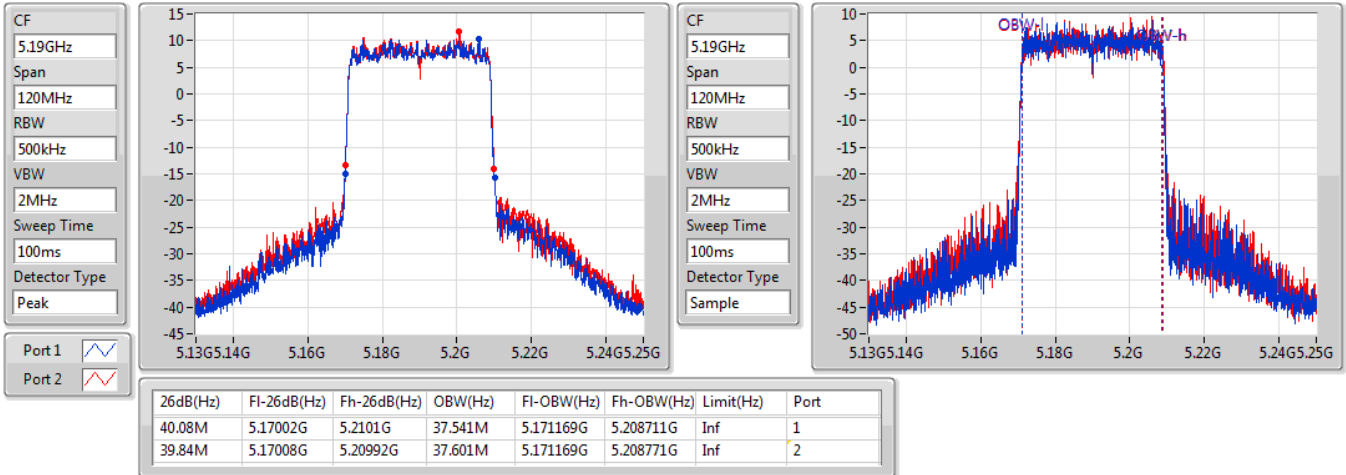

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5825MHz

16/10/2019

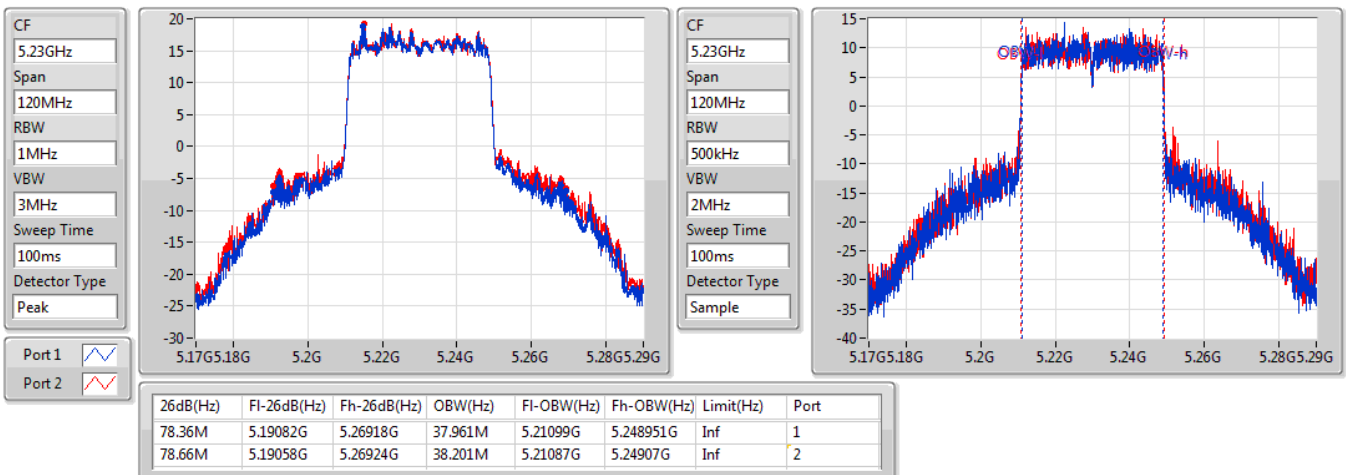


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5190MHz

13/10/2019

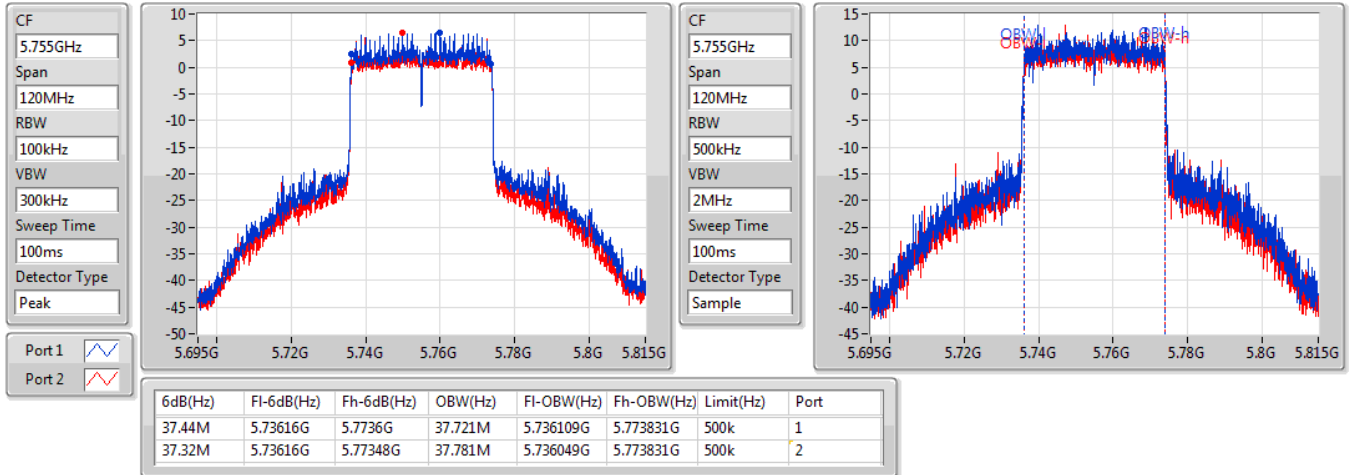

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5230MHz

13/10/2019

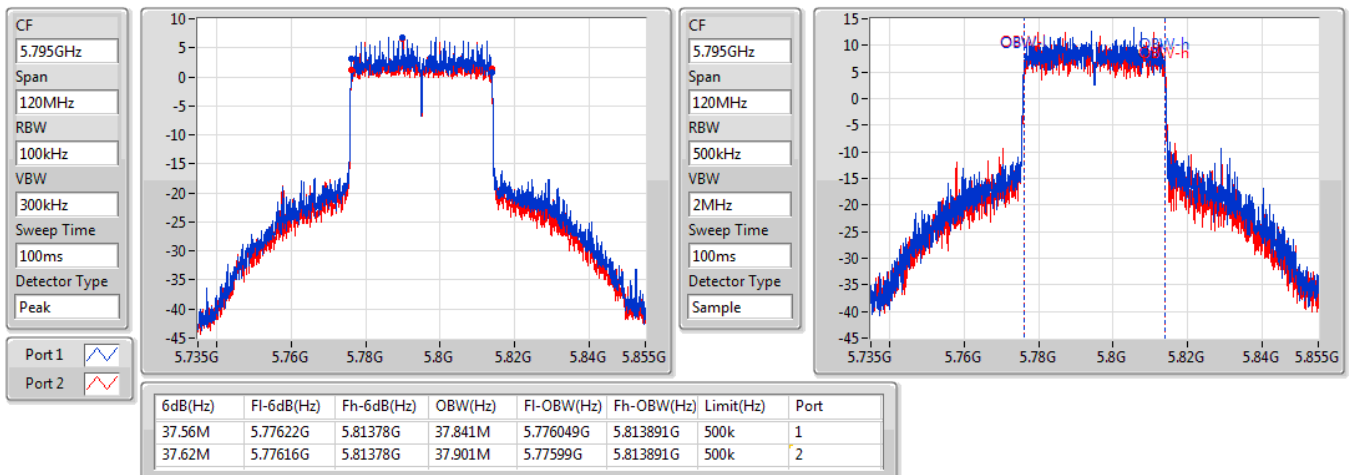


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5755MHz

16/10/2019

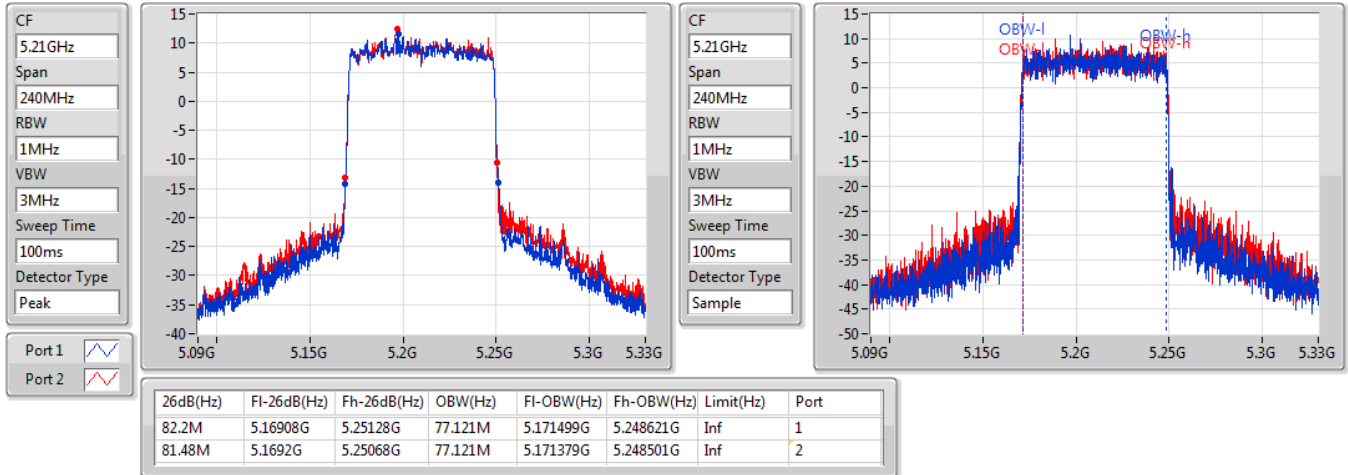

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5795MHz

16/10/2019

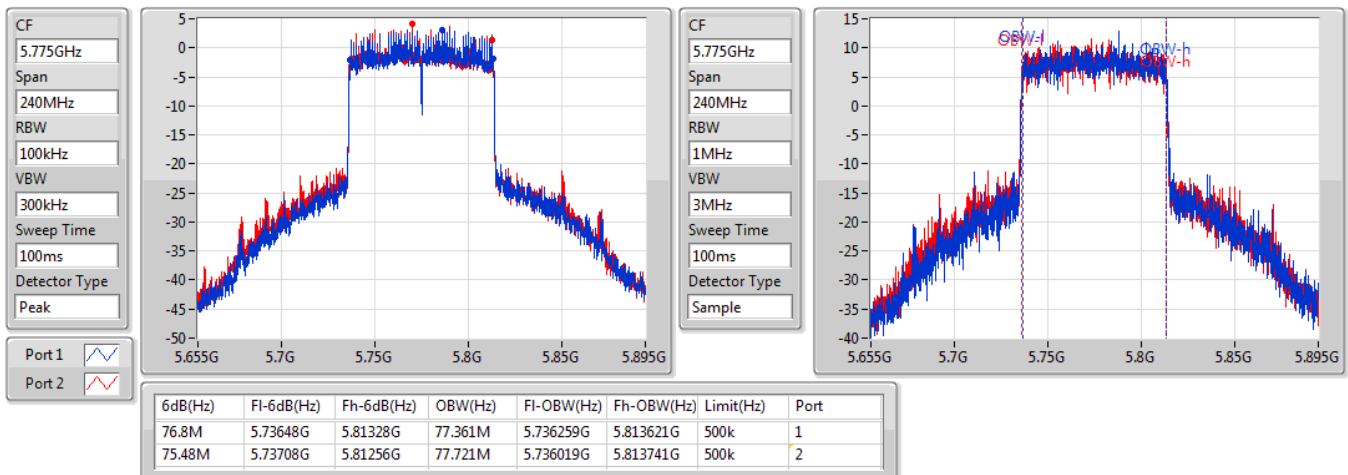


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5210MHz

13/10/2019


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5775MHz

13/10/2019



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	43.35M	18.921M	18M9D1D	39.66M	16.882M
802.11ac VHT20_Nss1,(MCS0)_1TX	44.04M	18.771M	18M8D1D	23.61M	17.811M
802.11ac VHT40_Nss1,(MCS0)_1TX	87.78M	37.721M	37M7D1D	54.12M	36.402M
802.11ac VHT80_Nss1,(MCS0)_1TX	82.2M	75.682M	75M7D1D	82.2M	75.682M
802.11ax HEW20_Nss1,(MCS0)_1TX	42.21M	19.82M	19M8D1D	25.77M	19.04M
802.11ax HEW40_Nss1,(MCS0)_1TX	92.34M	38.501M	38M5D1D	40.14M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.96M	77.121M	77M1D1D	81.96M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.41M	19.16M	19M2D1D	22.59M	14.903M
802.11ac VHT20_Nss1,(MCS0)_1TX	43.92M	18.591M	18M6D1D	21.84M	14.528M
802.11ac VHT40_Nss1,(MCS0)_1TX	89.52M	38.201M	38M2D1D	46.74M	34.143M
802.11ac VHT80_Nss1,(MCS0)_1TX	156.48M	76.762M	76M8D1D	81.72M	73.988M
802.11ax HEW20_Nss1,(MCS0)_1TX	42.36M	19.46M	19M5D1D	22.29M	14.843M
802.11ax HEW40_Nss1,(MCS0)_1TX	87.3M	38.981M	39M0D1D	40.02M	34.248M
802.11ax HEW80_Nss1,(MCS0)_1TX	182.4M	78.201M	78M2D1D	82.44M	74.138M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	10.675M	10M7D1D	3.1M	10.675M
802.11ac VHT20_Nss1,(MCS0)_1TX	3.74M	9.915M	9M92D1D	3.74M	9.915M
802.11ac VHT40_Nss1,(MCS0)_1TX	3.12M	23.948M	23M9D1D	3.12M	23.948M
802.11ac VHT80_Nss1,(MCS0)_1TX	3.08M	37.281M	37M3D1D	3.08M	37.281M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.42M	11.074M	11M1D1D	4.42M	11.074M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.86M	24.628M	24M6D1D	3.86M	24.628M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.78M	35.982M	36M0D1D	3.78M	35.982M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.35M	18.921M
5300MHz	Pass	Inf	42.78M	17.721M
5320MHz	Pass	Inf	39.66M	16.882M
5500MHz	Pass	Inf	22.59M	16.672M
5580MHz	Pass	Inf	43.41M	19.16M
5700MHz	Pass	Inf	24.6M	16.702M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.06M	14.903M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	10.675M
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	43.92M	18.771M
5300MHz	Pass	Inf	44.04M	18.621M
5320MHz	Pass	Inf	23.61M	17.811M
5500MHz	Pass	Inf	21.84M	17.871M
5580MHz	Pass	Inf	43.92M	18.591M
5700MHz	Pass	Inf	21.93M	17.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.27M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	9.915M
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	87.78M	37.721M
5310MHz	Pass	Inf	54.12M	36.402M
5510MHz	Pass	Inf	46.74M	36.342M
5550MHz	Pass	Inf	89.52M	38.201M
5670MHz	Pass	Inf	75.42M	36.702M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	59.955M	34.143M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	23.948M
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.682M
5530MHz	Pass	Inf	81.72M	75.802M
5610MHz	Pass	Inf	156.48M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	121.8M	73.988M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	37.281M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	42.21M	19.73M
5300MHz	Pass	Inf	42.18M	19.82M
5320MHz	Pass	Inf	25.77M	19.04M
5500MHz	Pass	Inf	22.71M	19.04M
5580MHz	Pass	Inf	42.36M	19.46M
5700MHz	Pass	Inf	22.29M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.53M	14.843M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	11.074M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	92.34M	38.501M
5310MHz	Pass	Inf	40.14M	37.601M

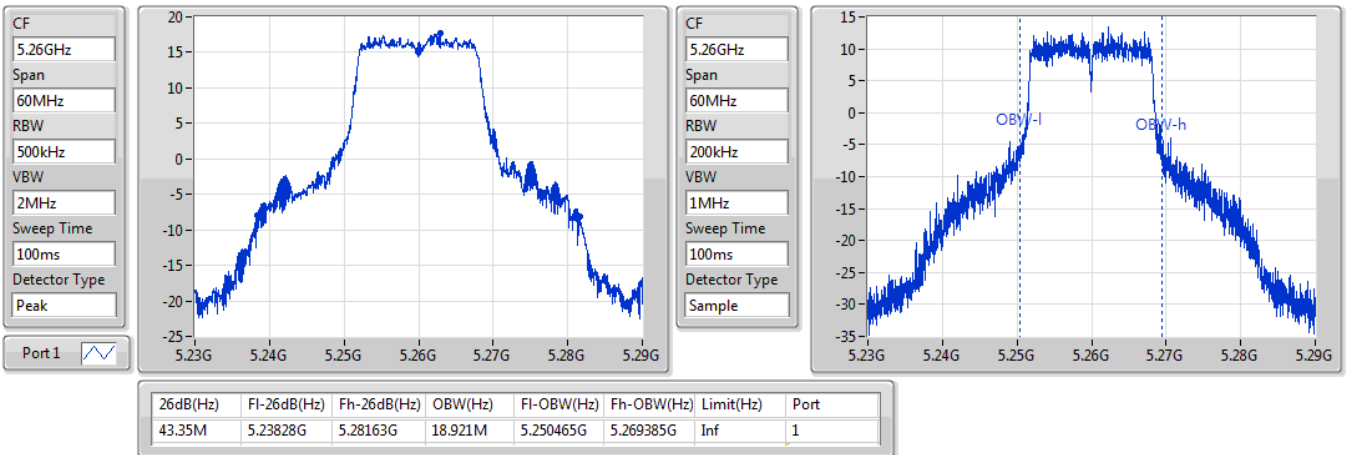
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
5510MHz	Pass	Inf	40.02M	37.601M
5550MHz	Pass	Inf	87.3M	38.981M
5670MHz	Pass	Inf	62.46M	37.841M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	55.055M	34.248M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	24.628M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	81.96M	77.121M
5530MHz	Pass	Inf	82.44M	77.121M
5610MHz	Pass	Inf	182.4M	78.201M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	126.525M	74.138M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	35.982M

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

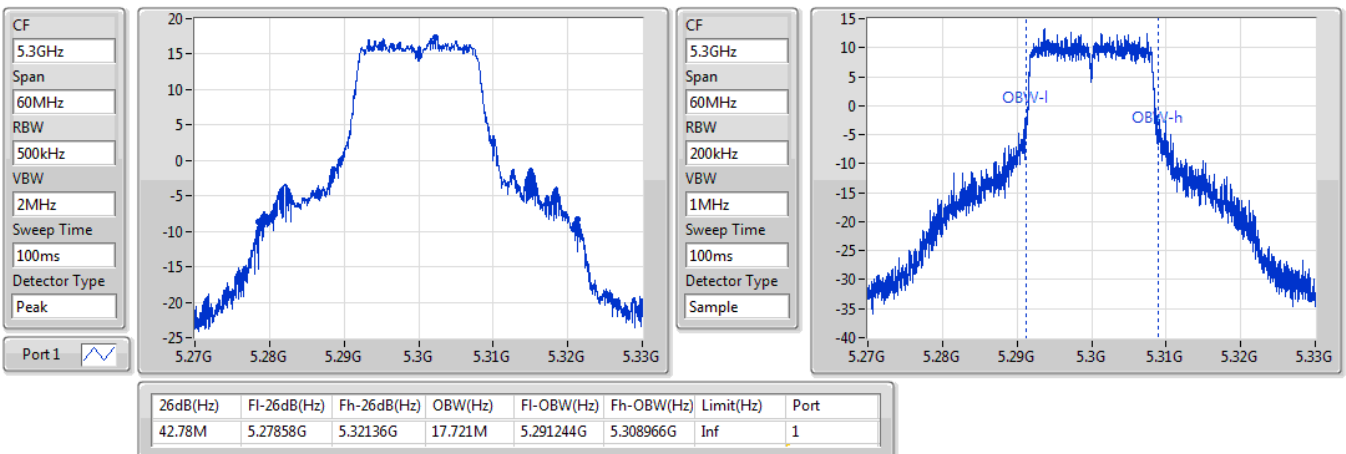
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

31/10/2019

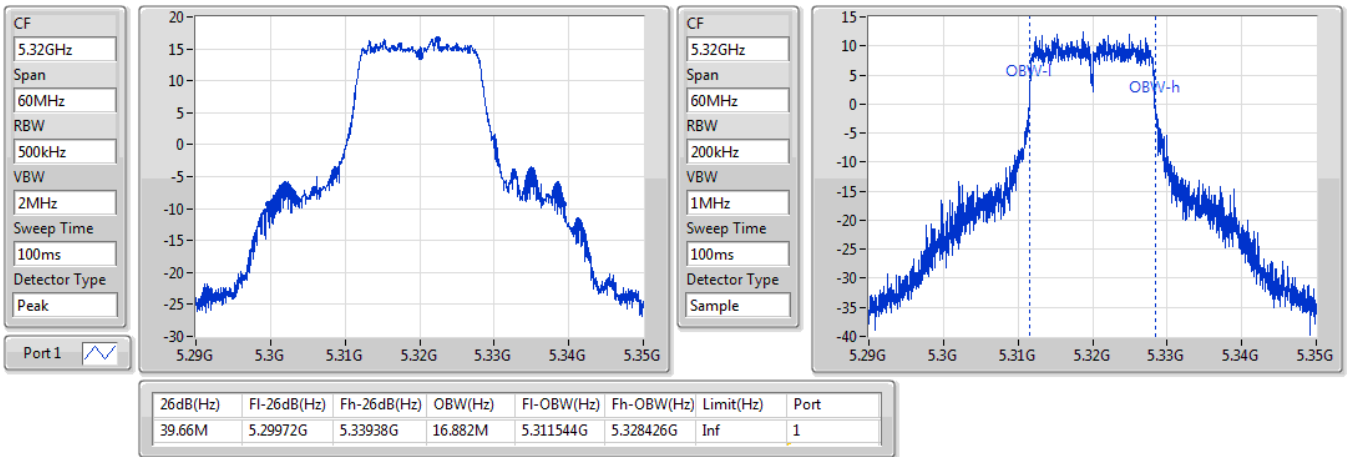

802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

31/10/2019

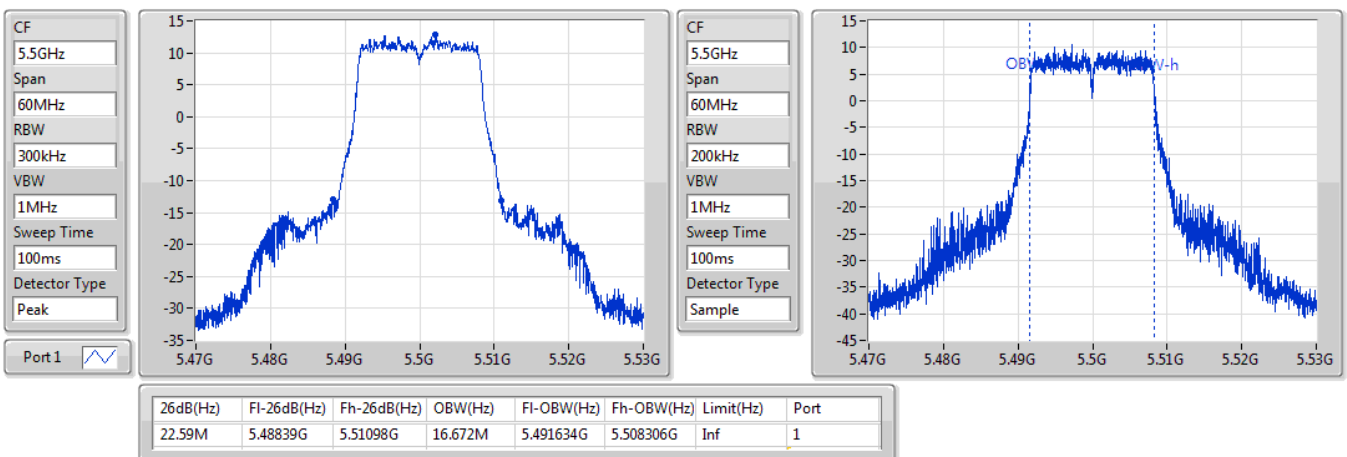


802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

31/10/2019

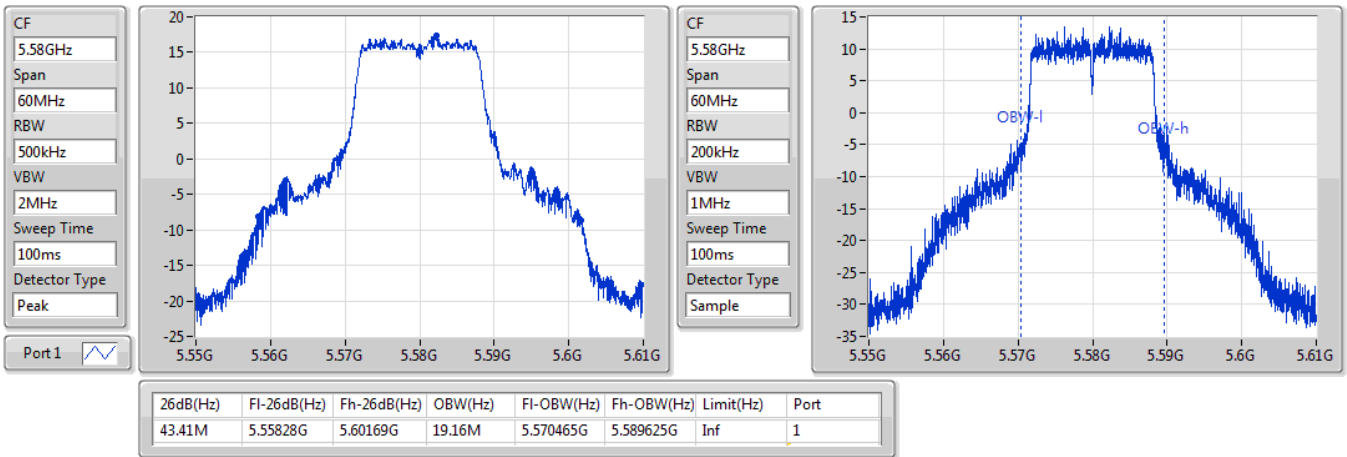

802.11a_Nss1,(6Mbps)_1TX
EBW
5500MHz

31/10/2019

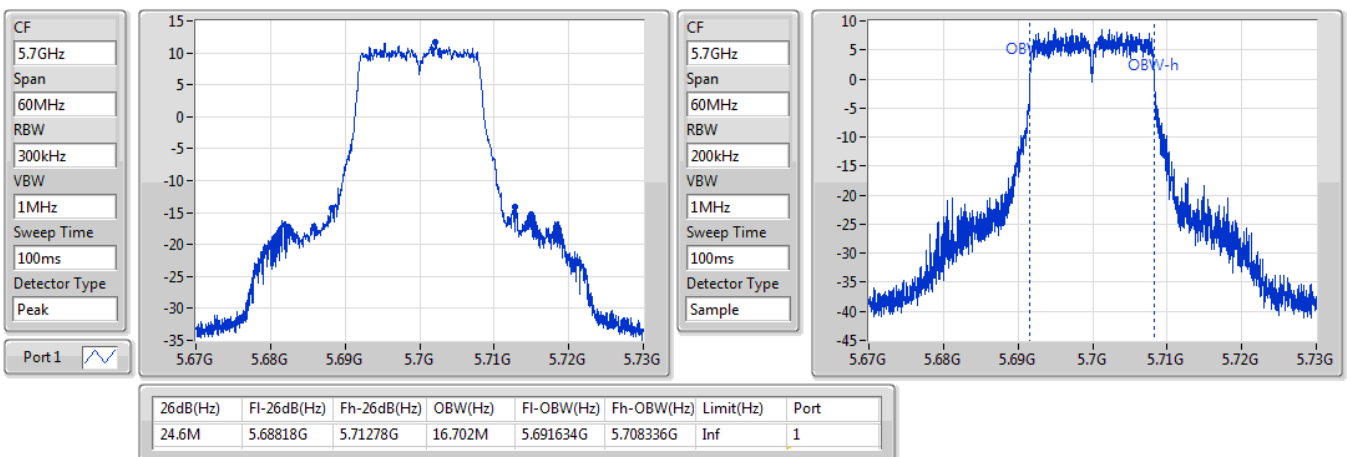


802.11a_Nss1,(6Mbps)_1TX
EBW
5580MHz

31/10/2019

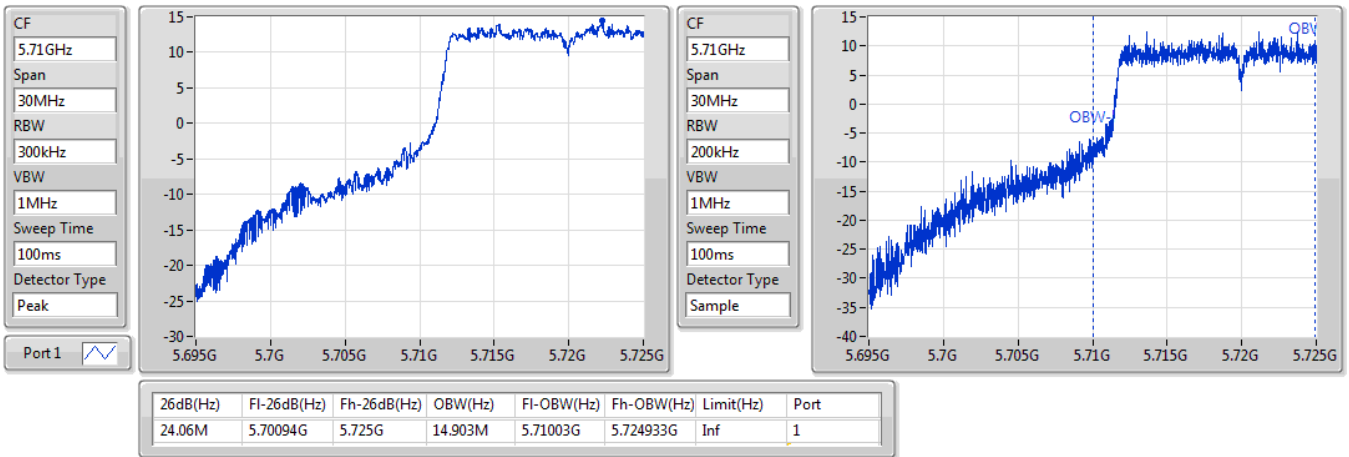

802.11a_Nss1,(6Mbps)_1TX
EBW
5700MHz

31/10/2019

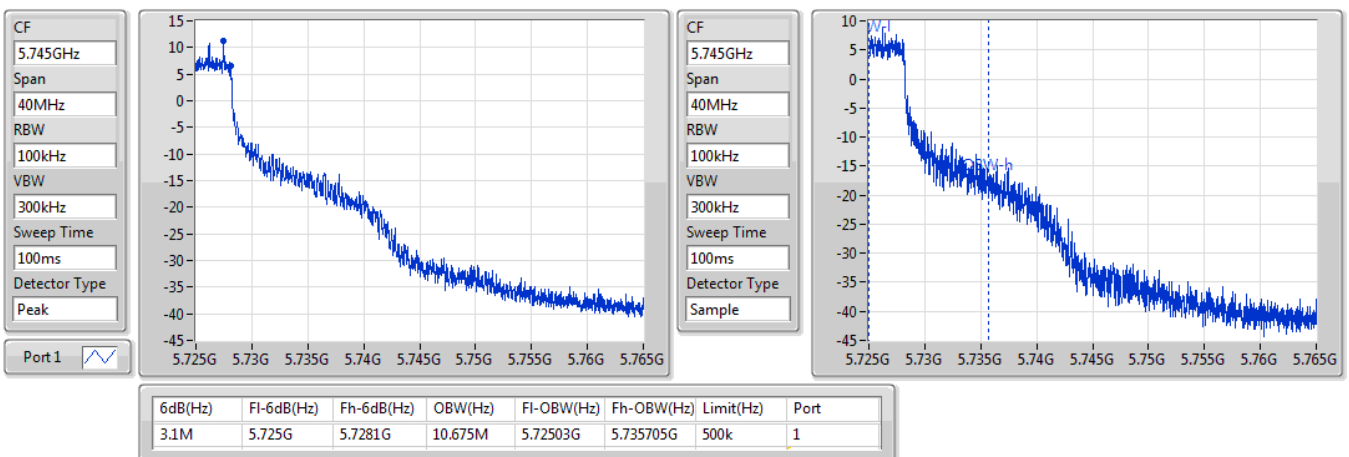


802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

31/10/2019

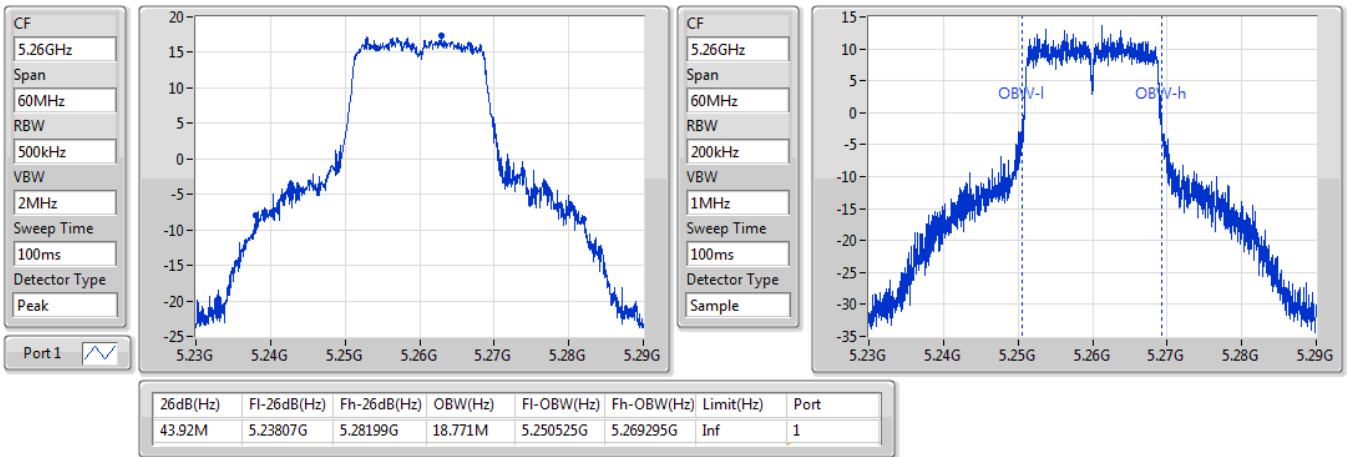

802.11a_Nss1,(6Mbps)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

31/10/2019

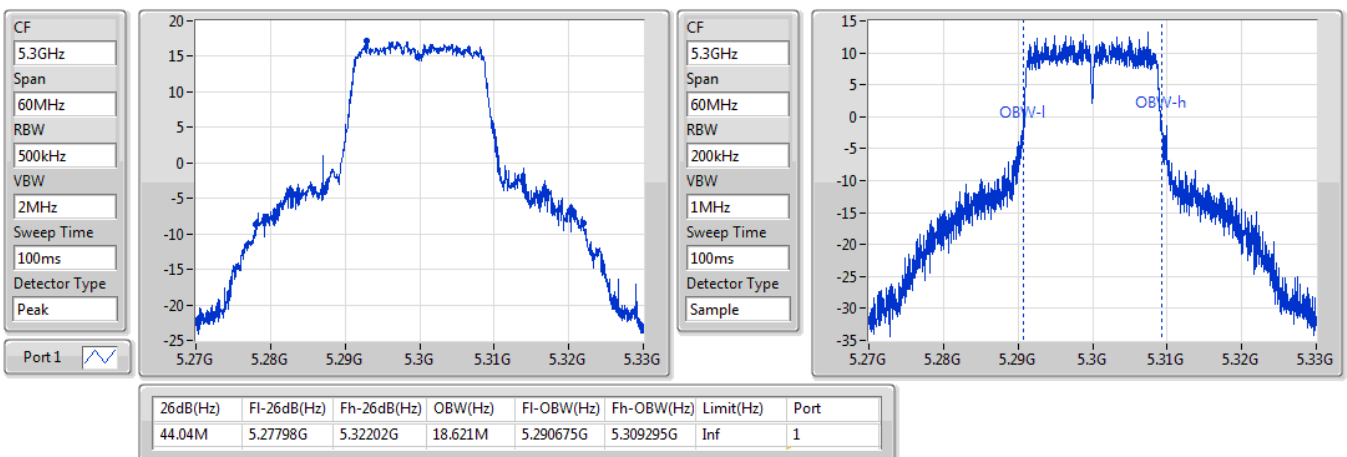


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

31/10/2019

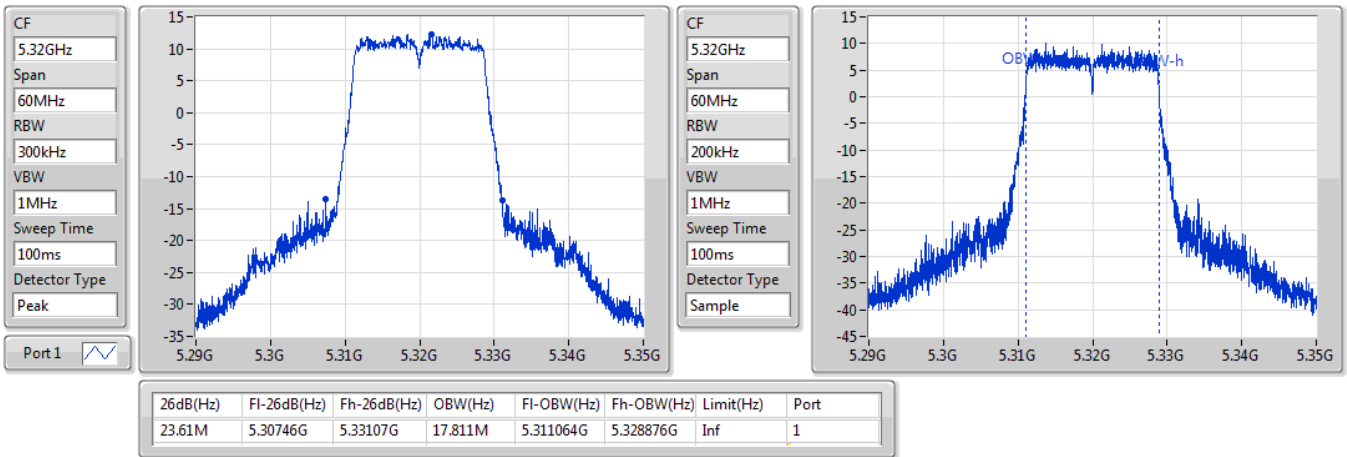

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

31/10/2019

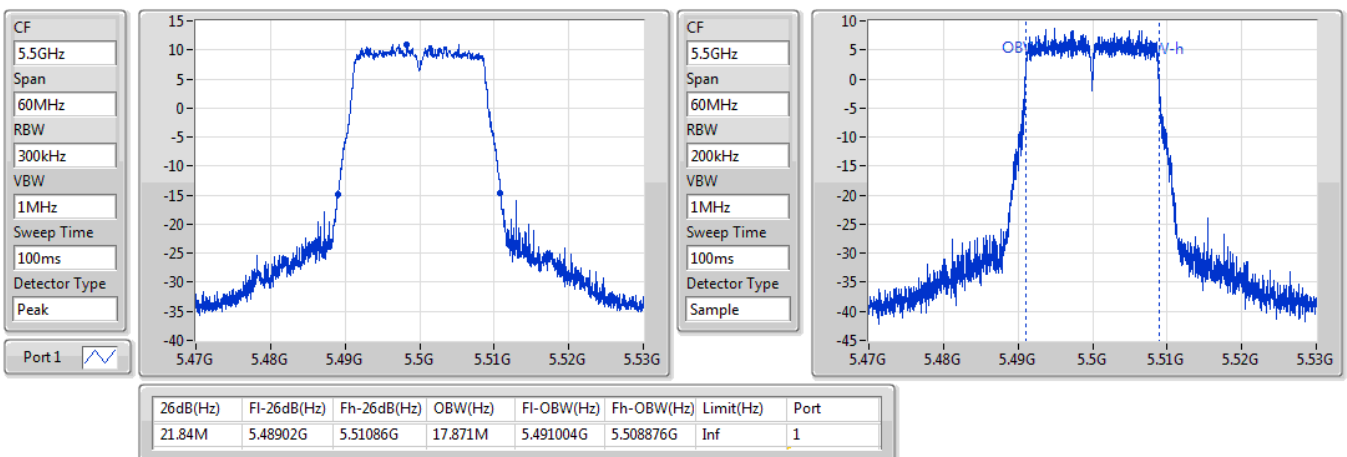


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

31/10/2019

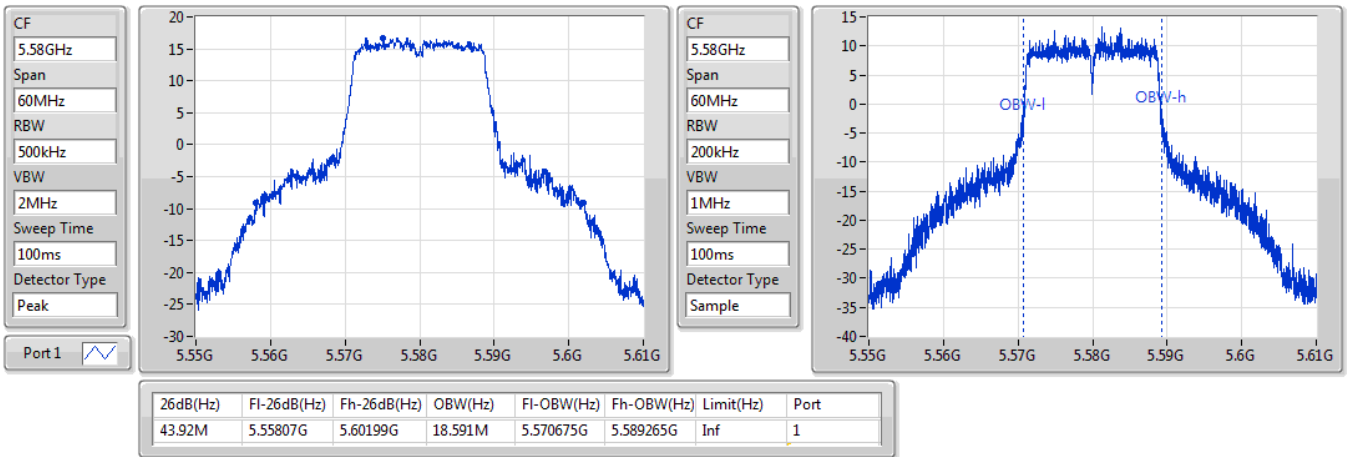

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5500MHz

31/10/2019

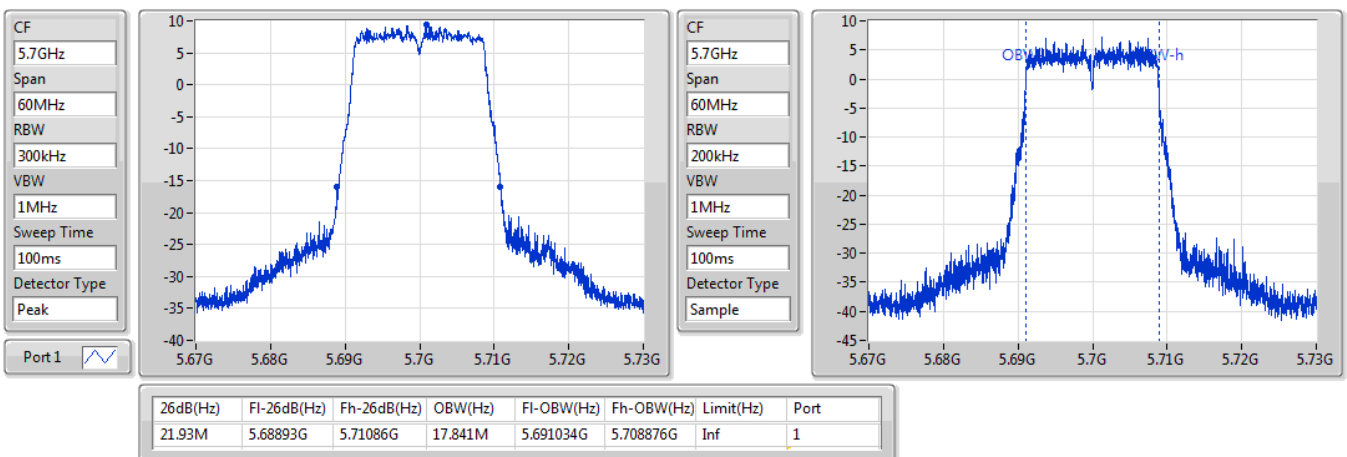


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5580MHz

31/10/2019

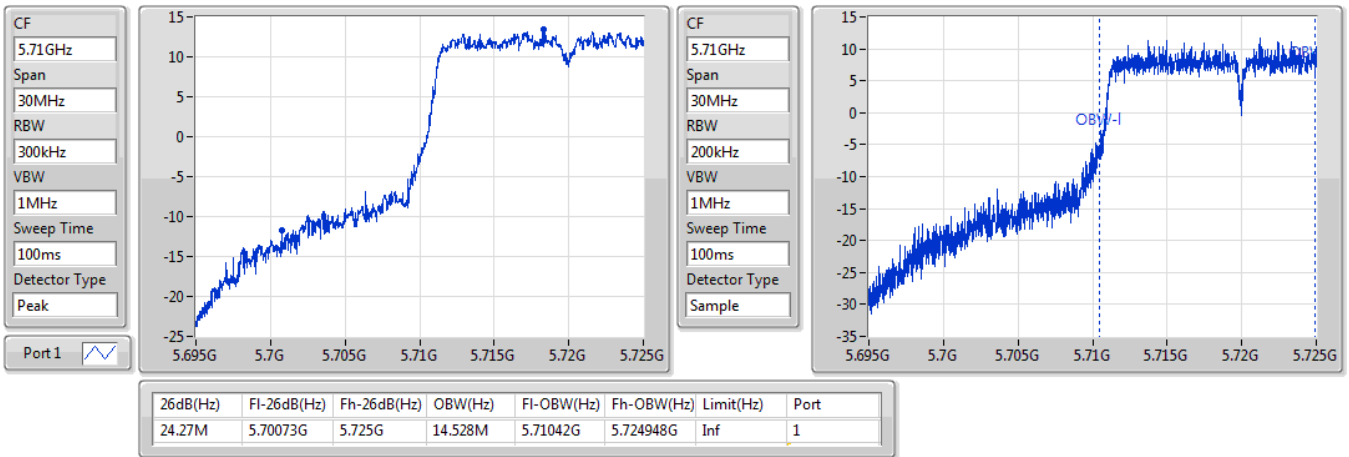

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5700MHz

31/10/2019

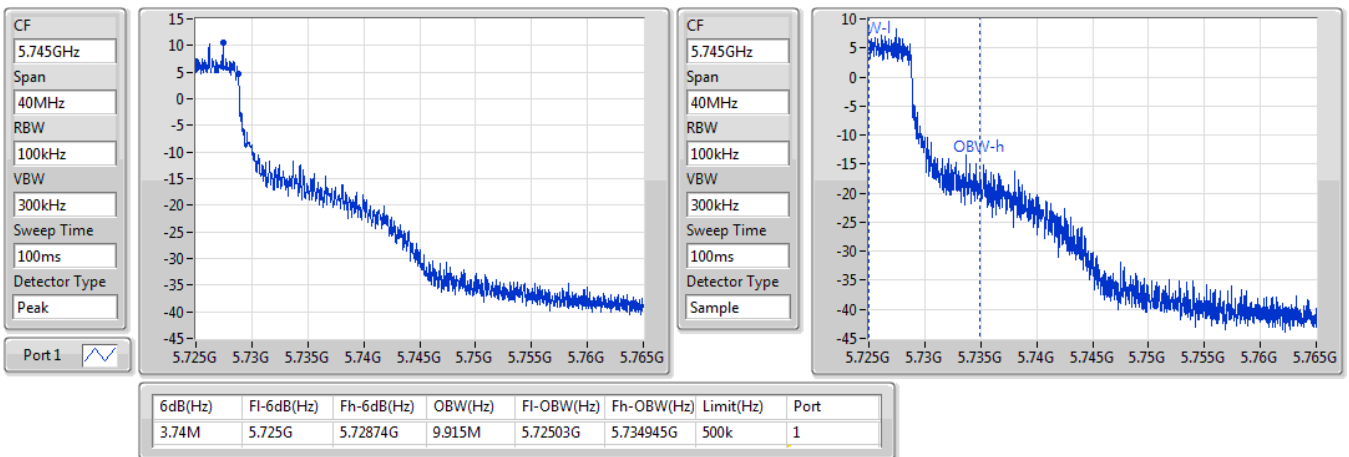


802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

31/10/2019

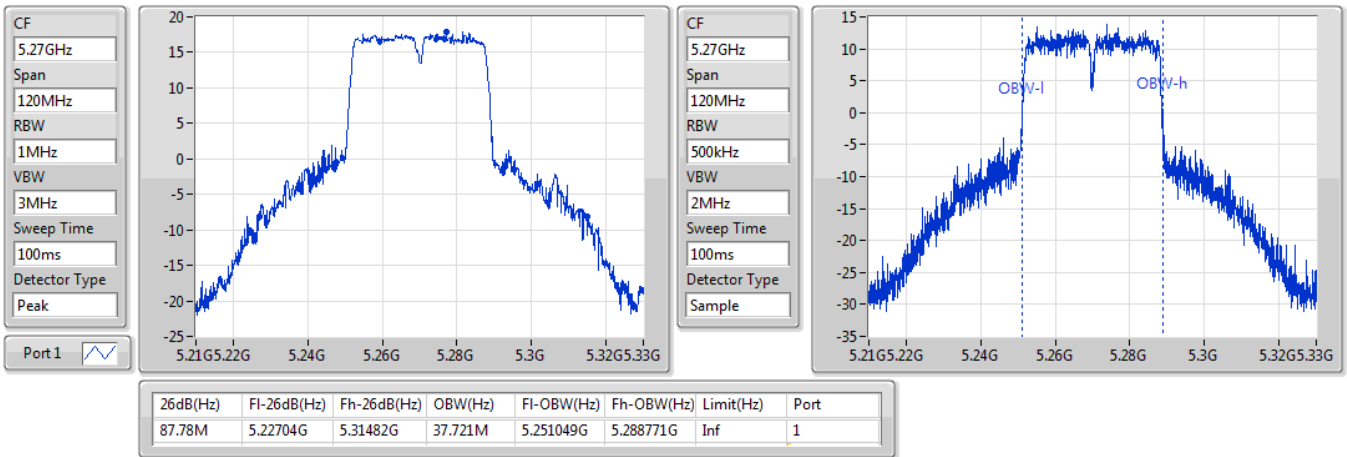

802.11ac VHT20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

31/10/2019

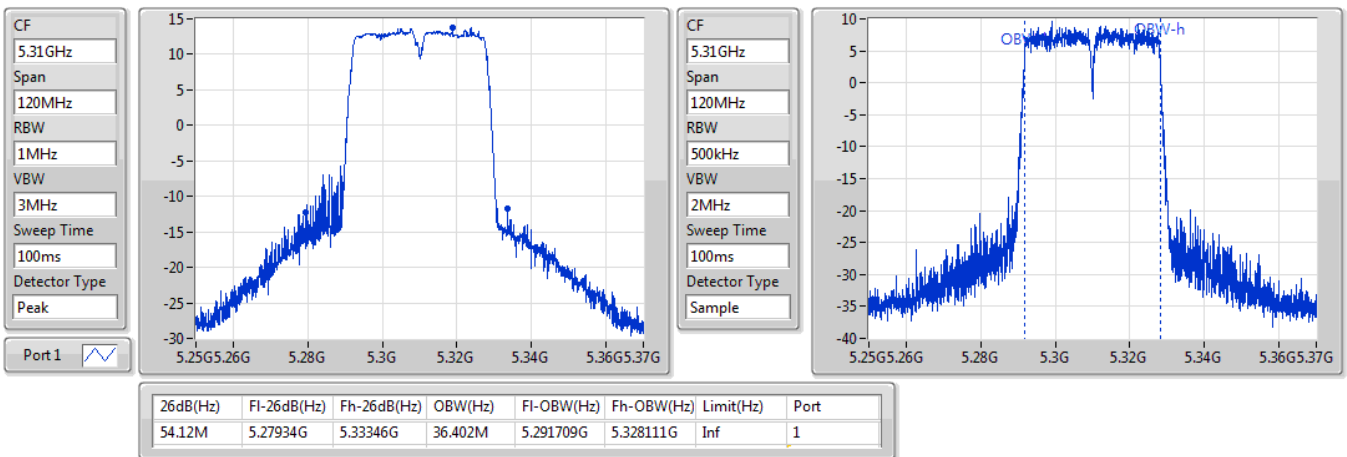


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

31/10/2019

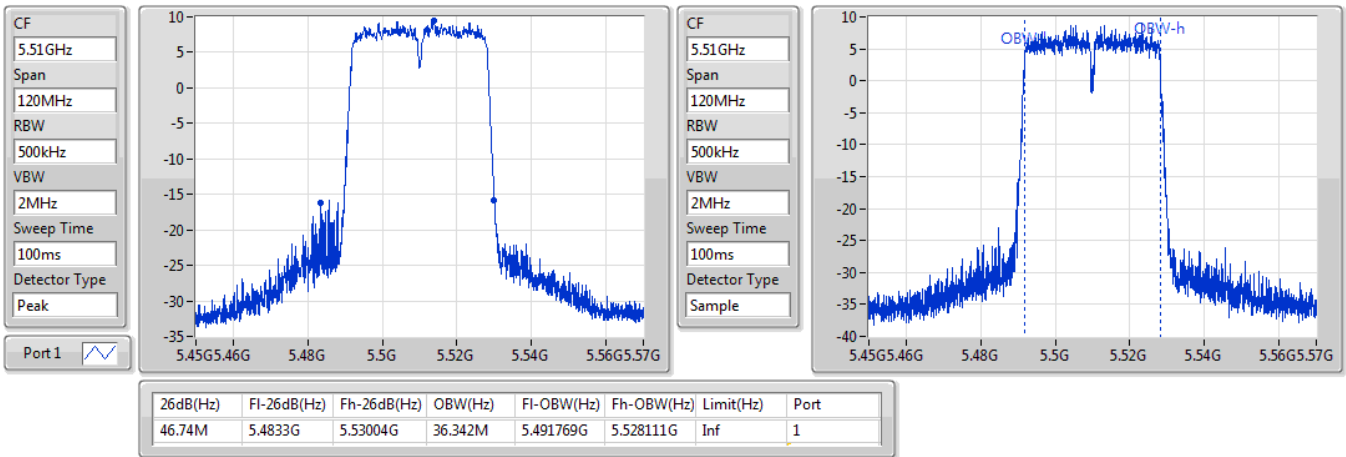

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

31/10/2019

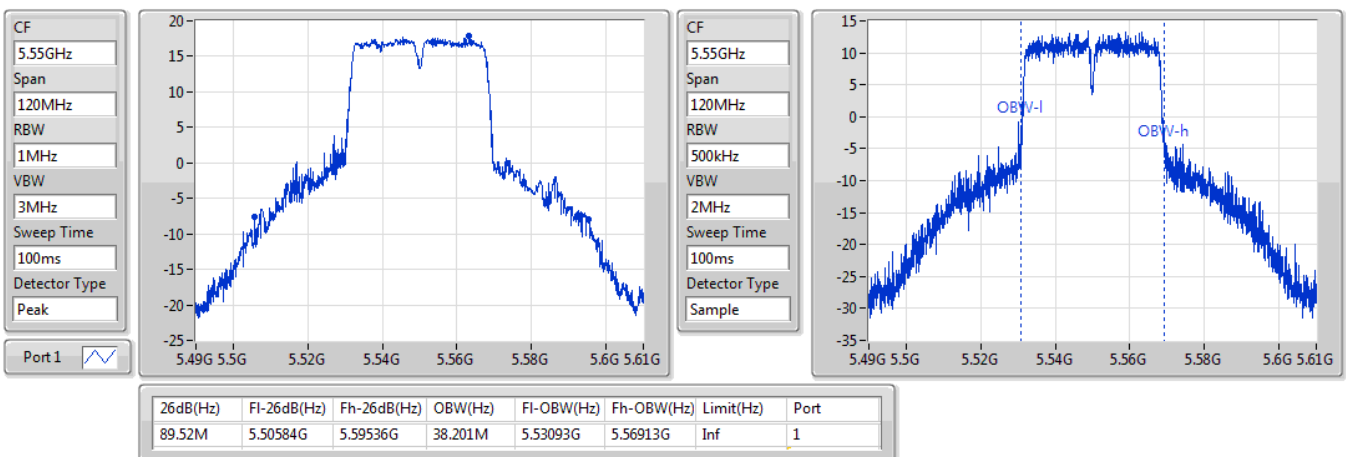


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5510MHz

31/10/2019

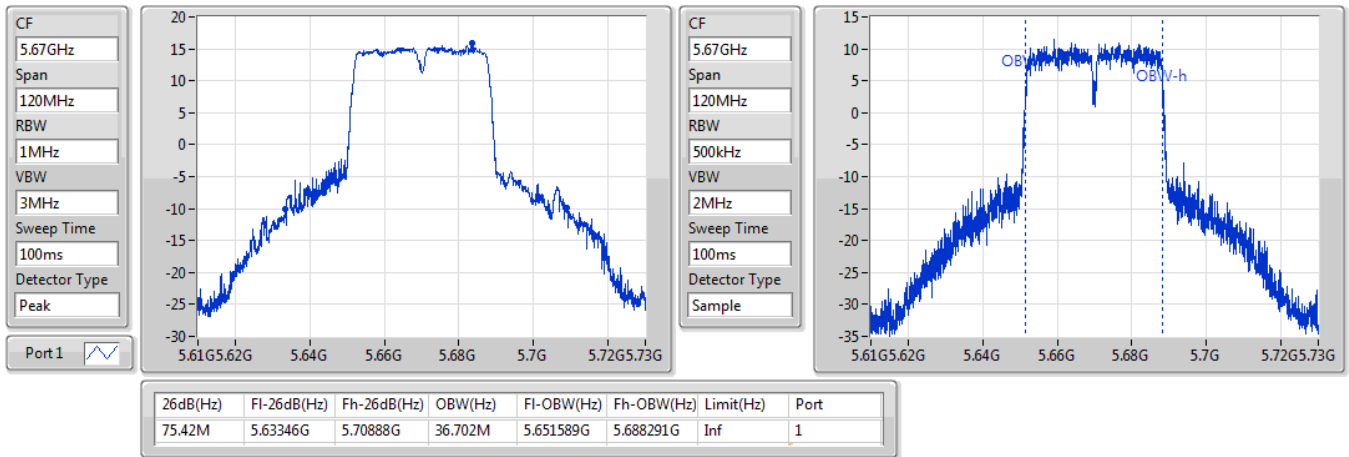

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5550MHz

31/10/2019

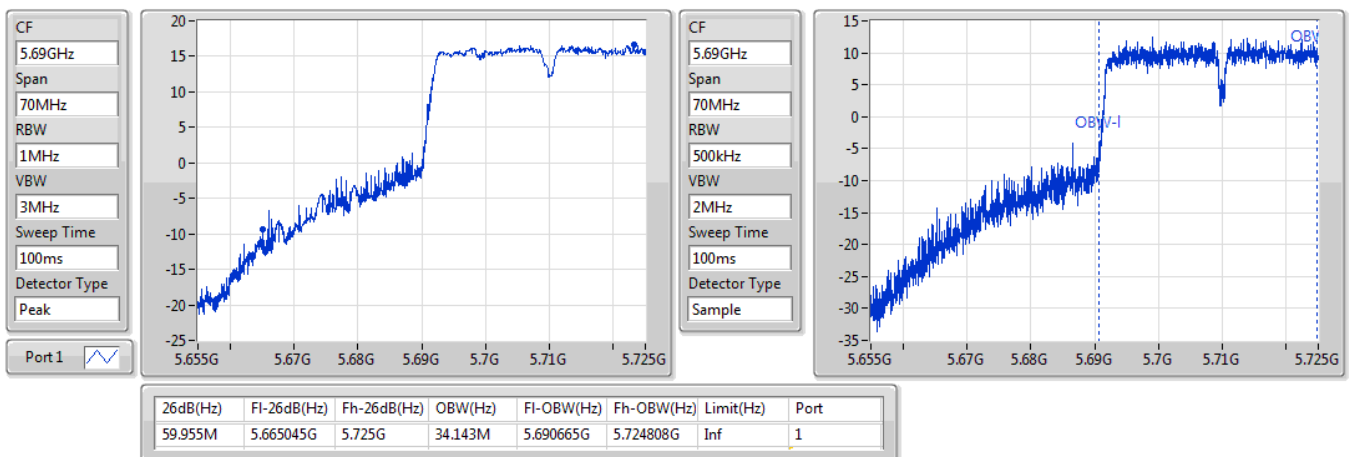


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5670MHz

31/10/2019

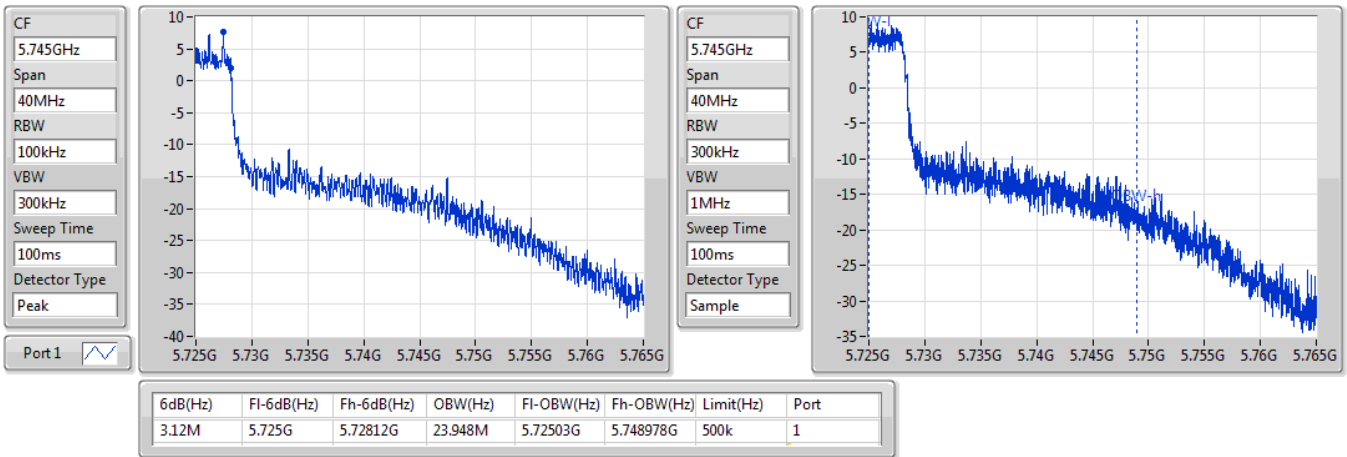

802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

31/10/2019

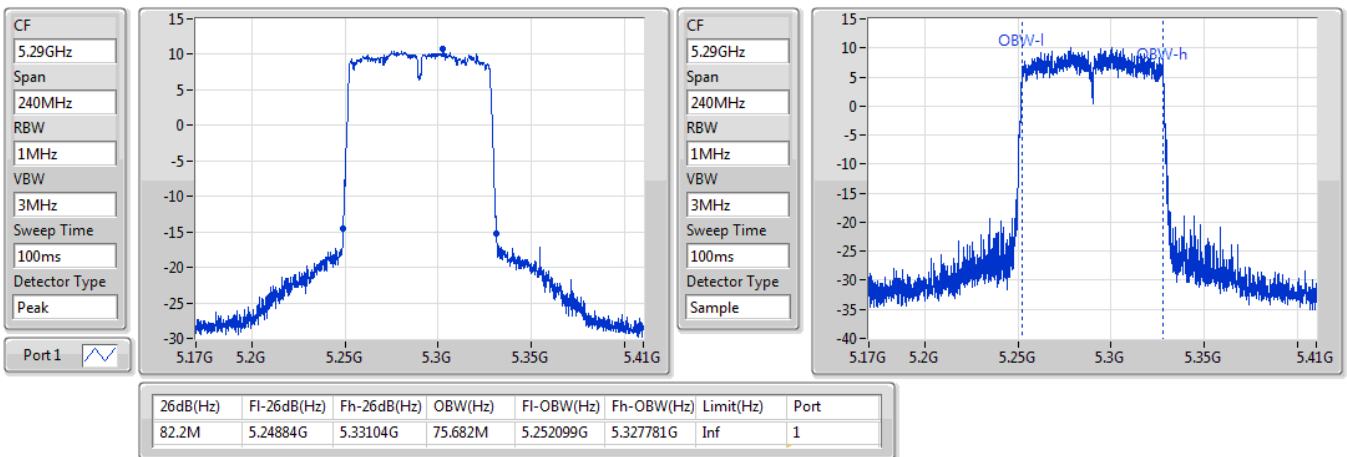


802.11ac VHT40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

31/10/2019

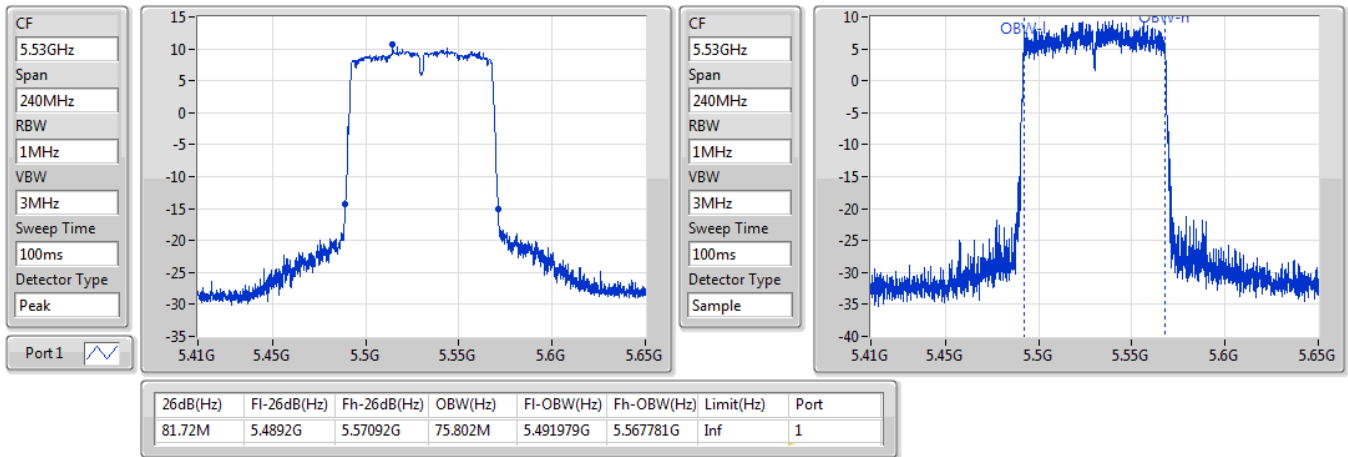

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5290MHz

31/10/2019

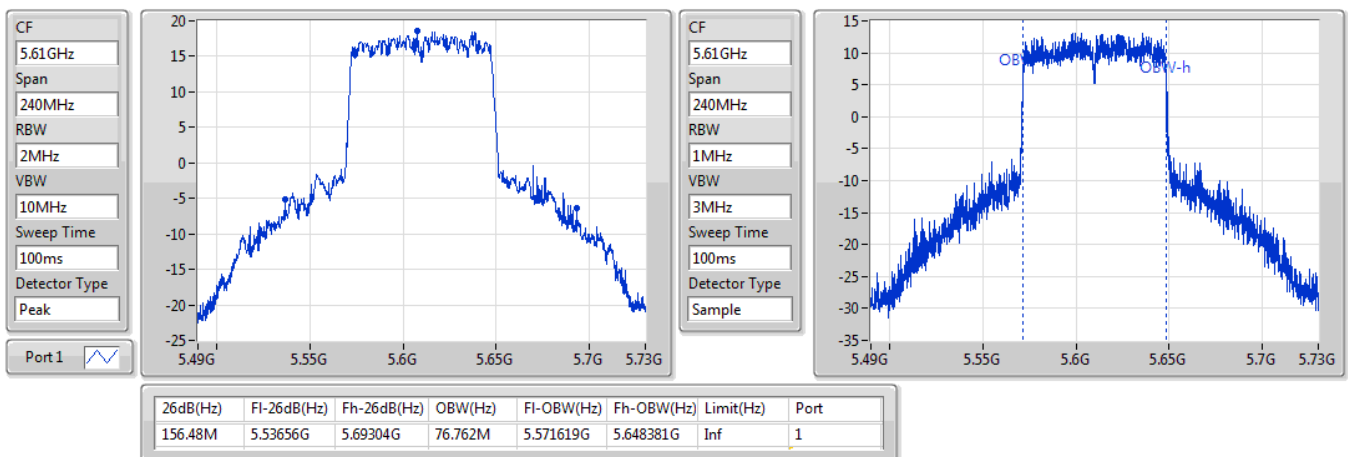


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5530MHz

31/10/2019

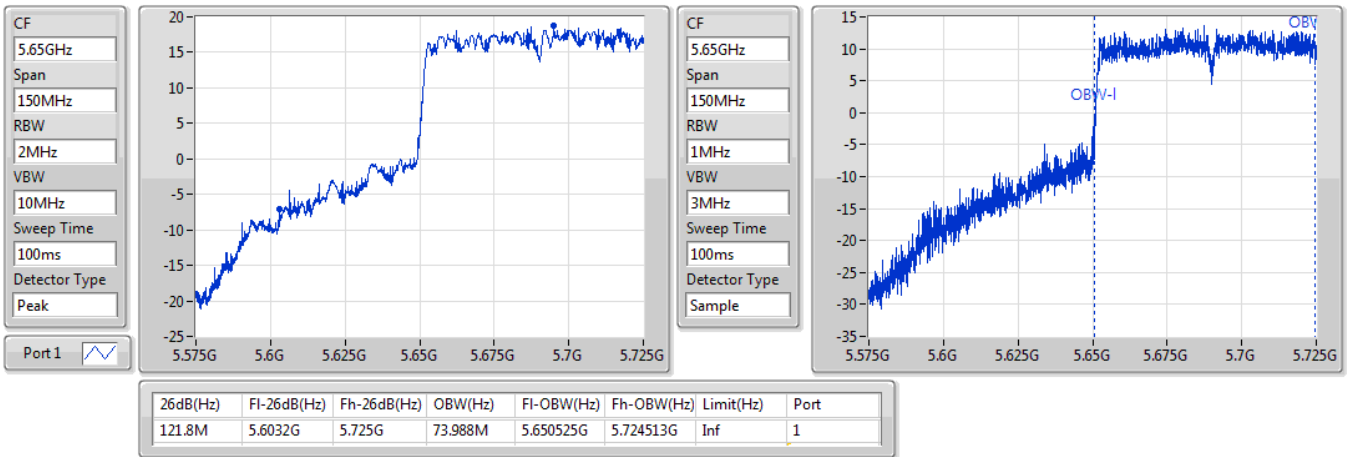

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5610MHz

31/10/2019

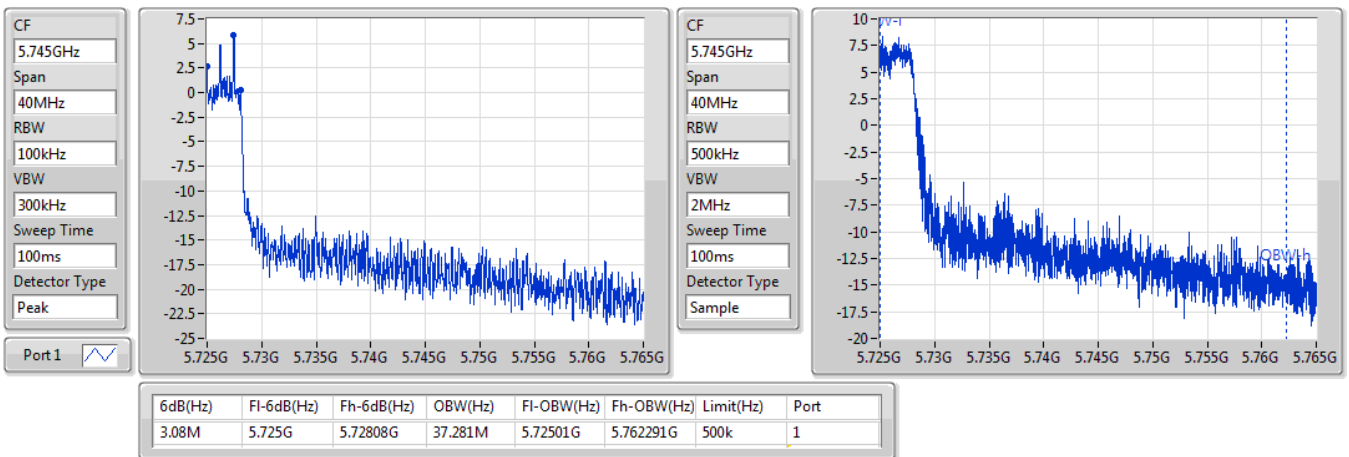


802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

31/10/2019

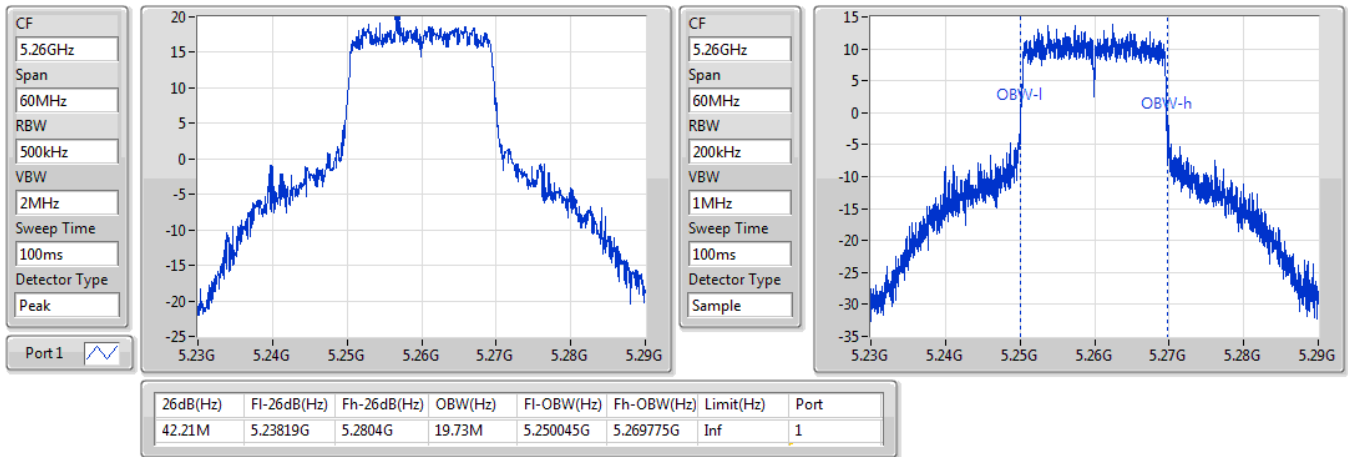

802.11ac VHT80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.725-5.85GHz

31/10/2019

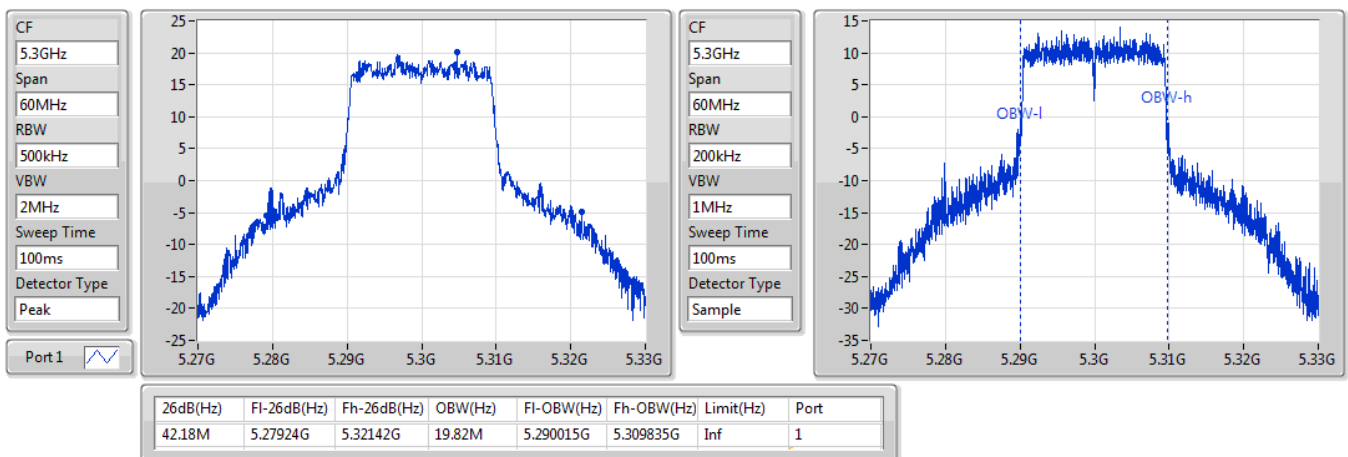


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5260MHz

31/10/2019

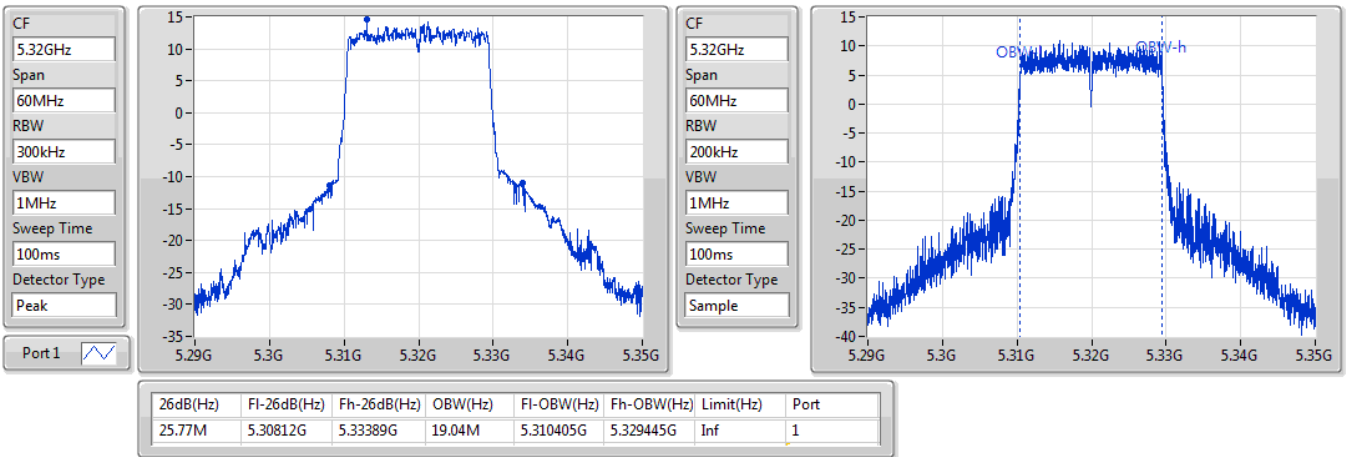

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5300MHz

31/10/2019

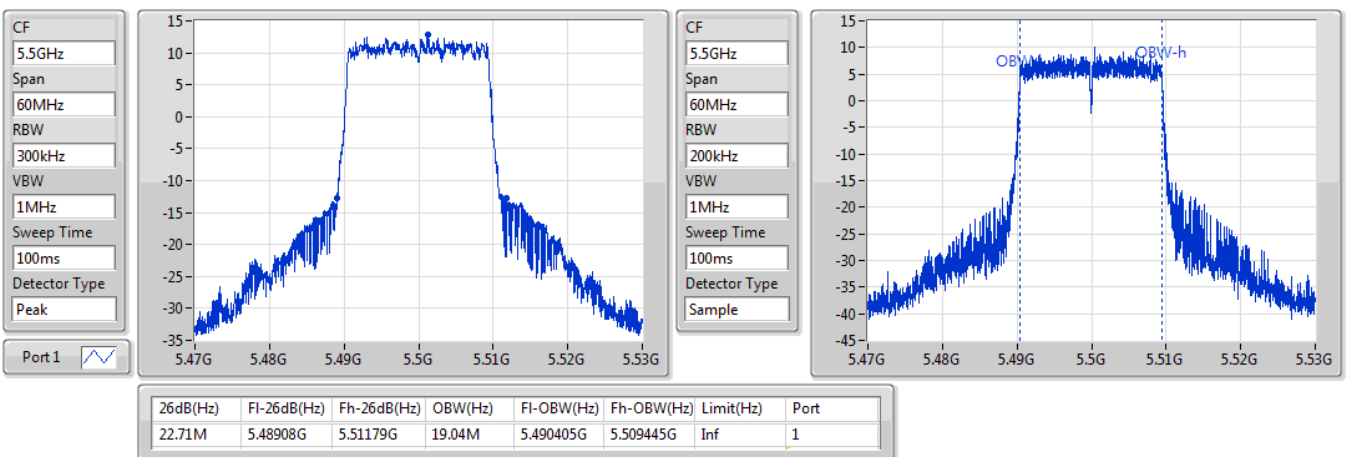


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5320MHz

31/10/2019

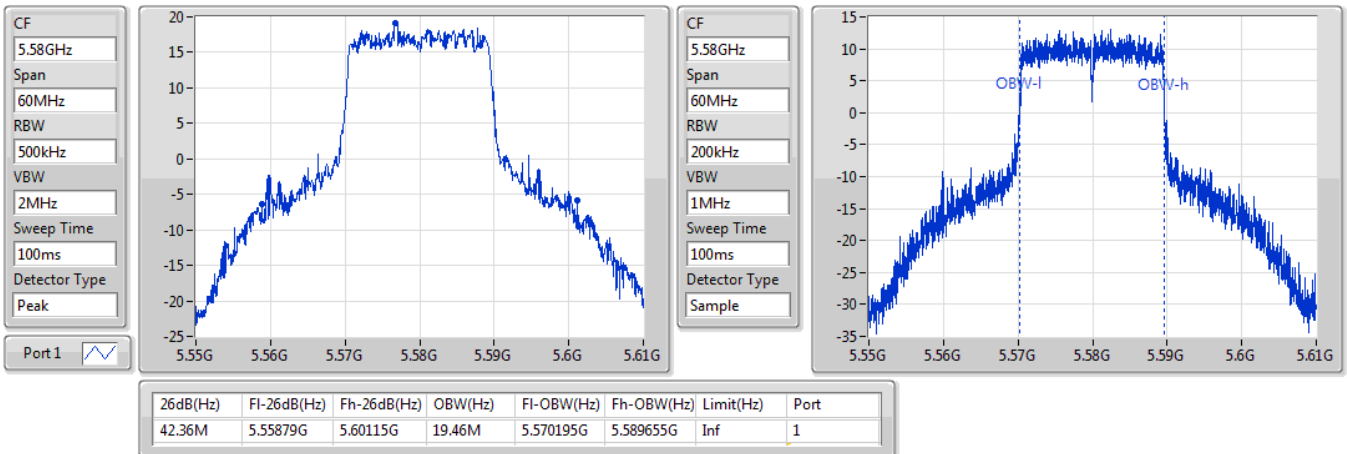

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5500MHz

31/10/2019

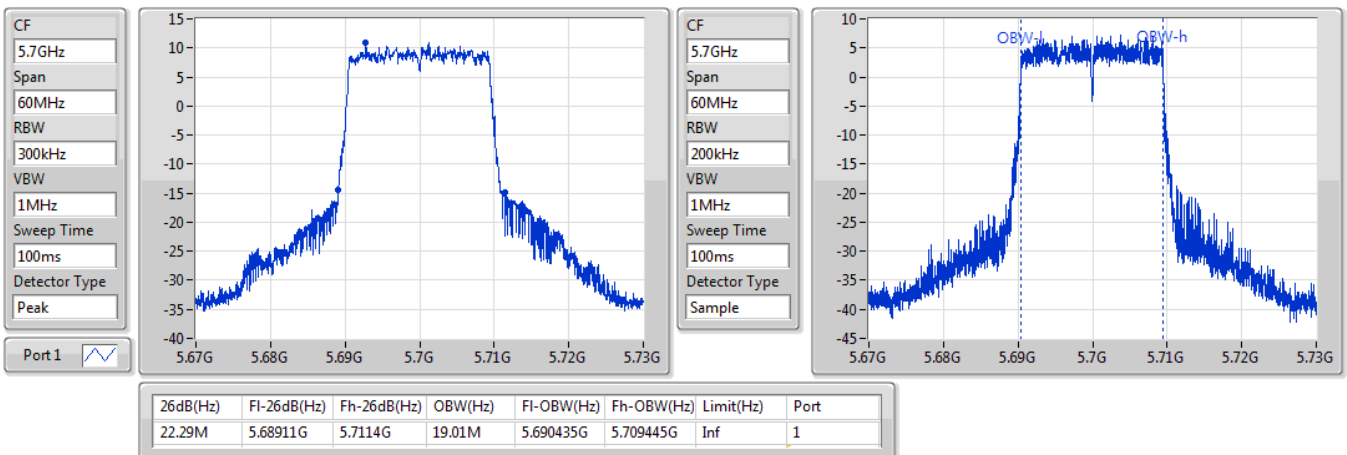


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5580MHz

31/10/2019

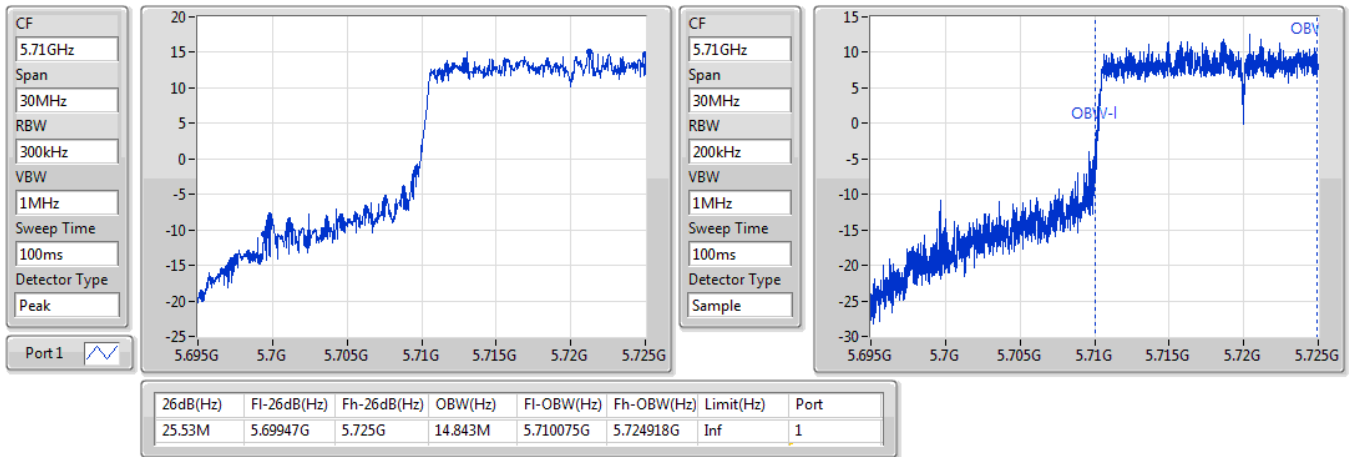

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5700MHz

31/10/2019

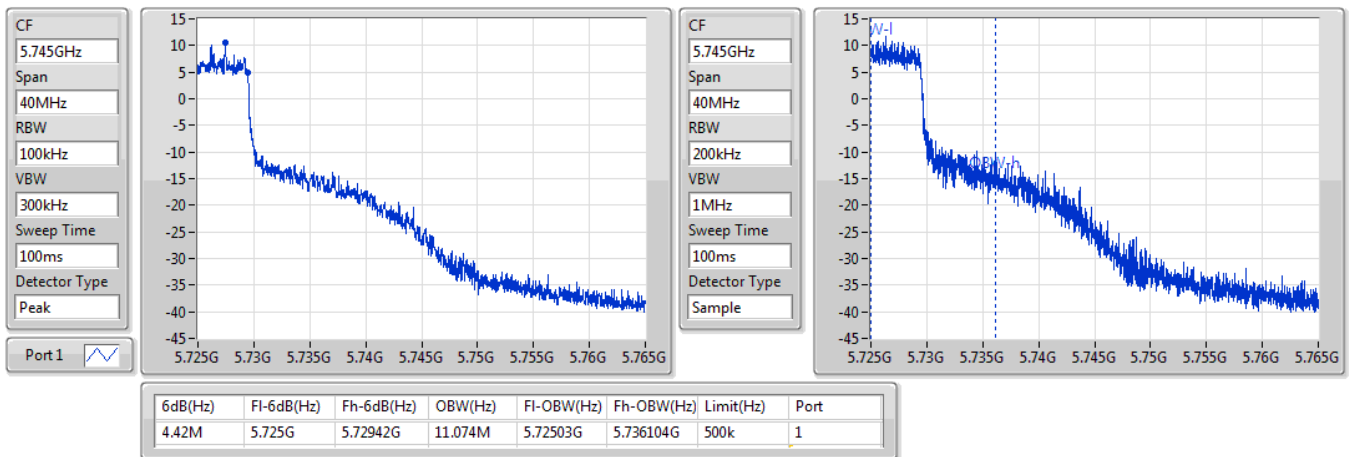


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.47-5.725GHz

31/10/2019

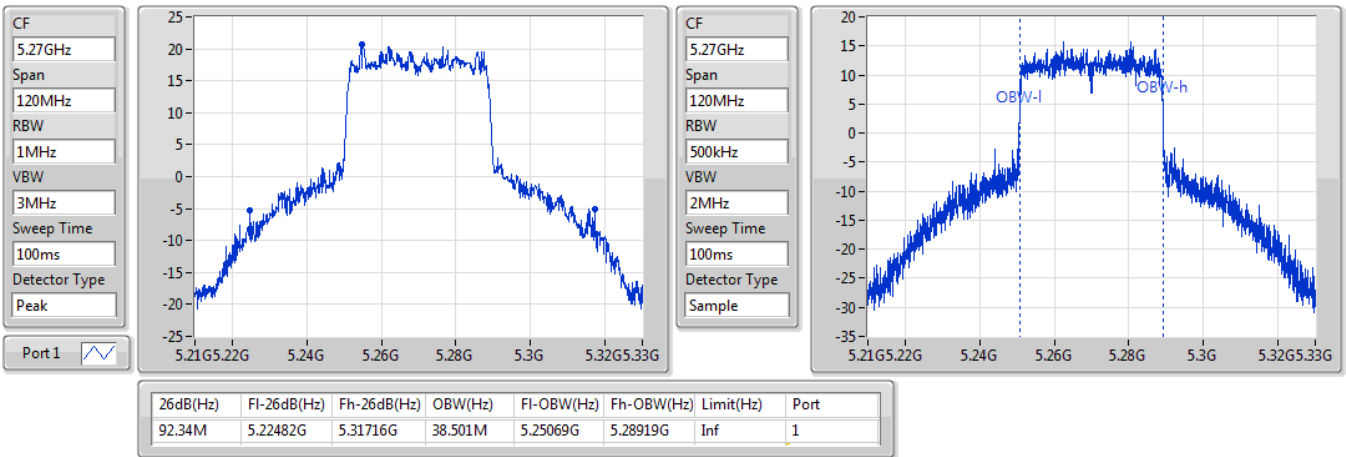

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5720MHz Straddle 5.725-5.85GHz

31/10/2019

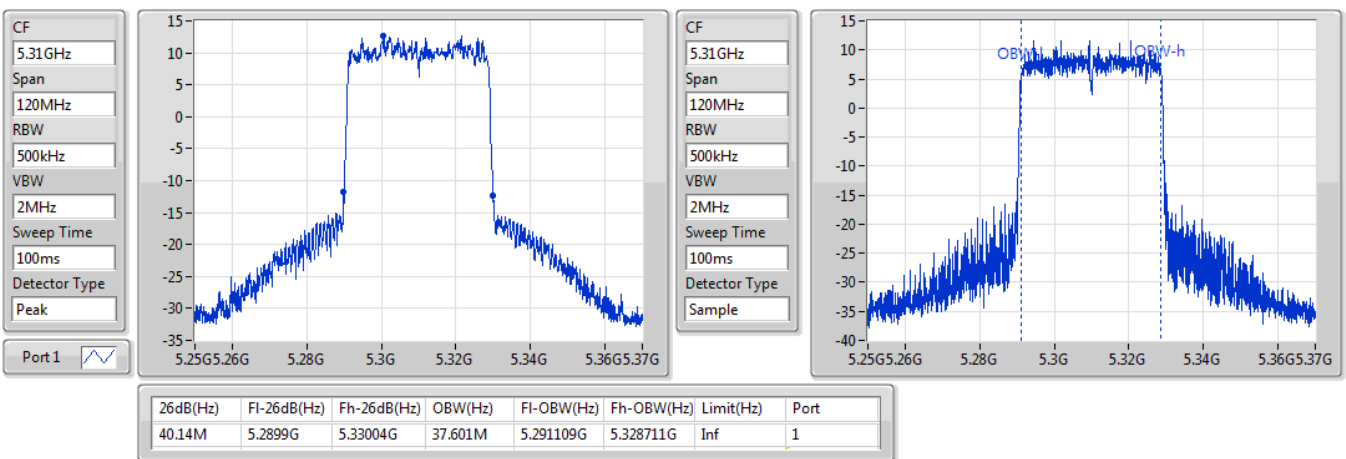


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5270MHz

31/10/2019

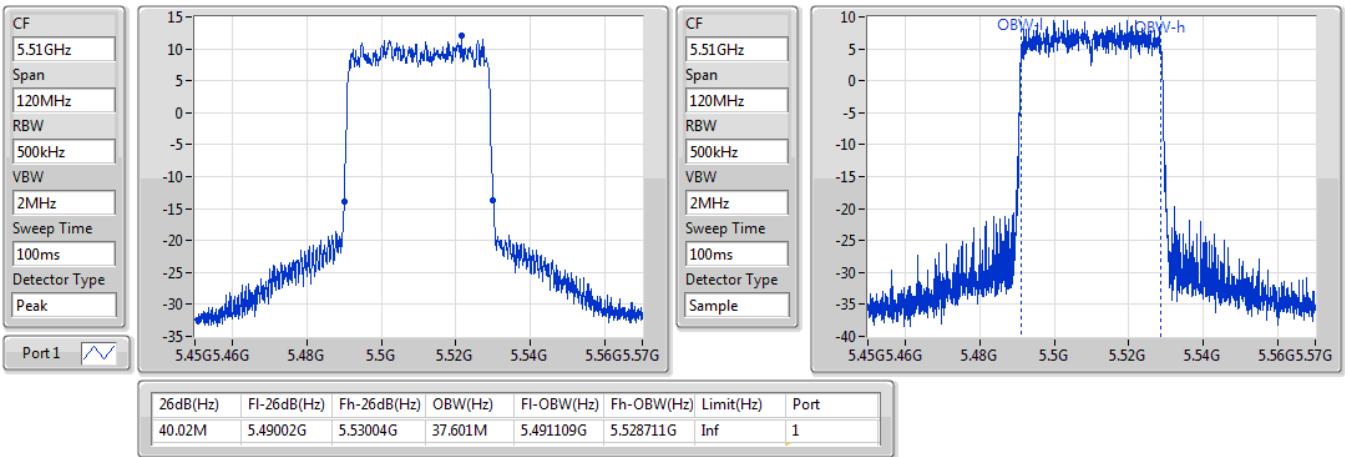

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5310MHz

31/10/2019

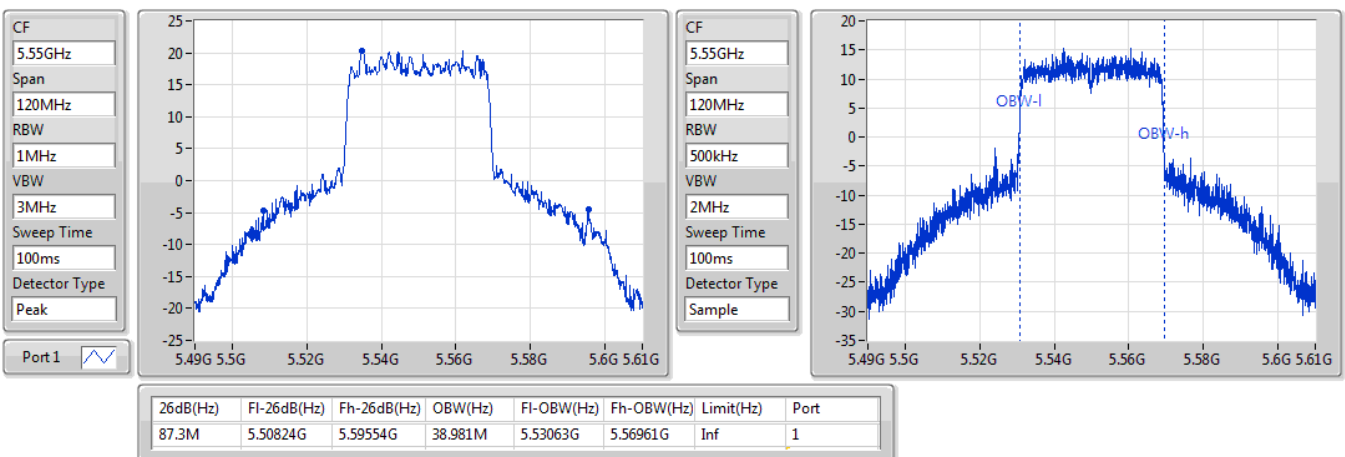


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5510MHz

31/10/2019

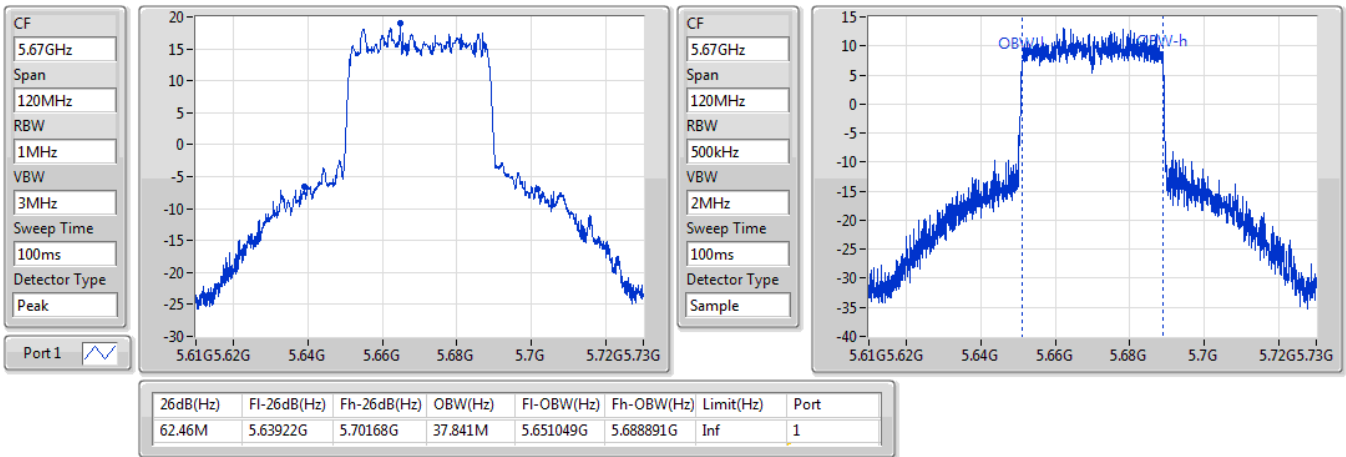

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5550MHz

31/10/2019

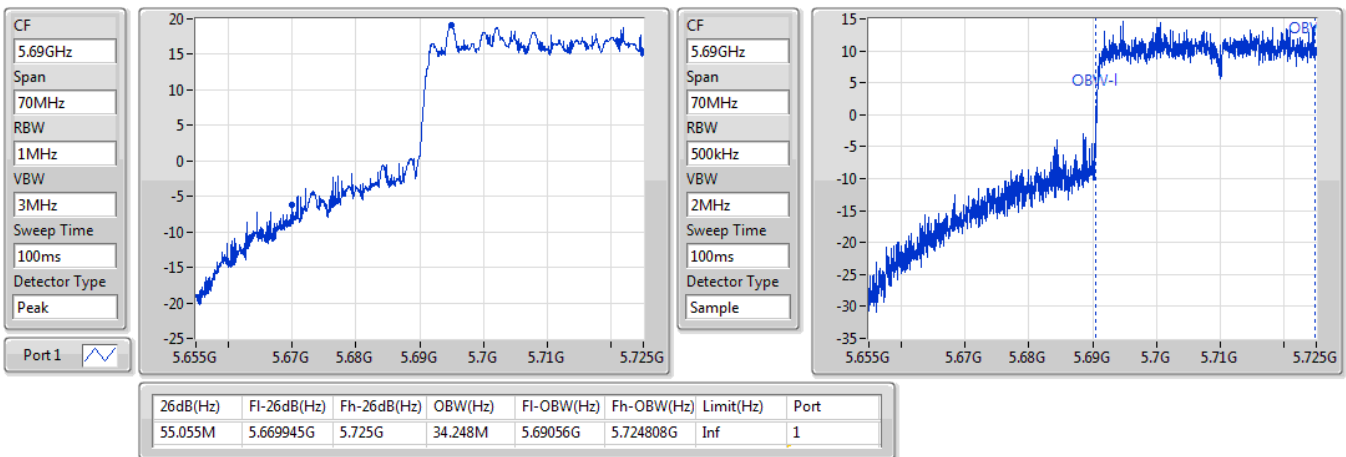


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5670MHz

31/10/2019

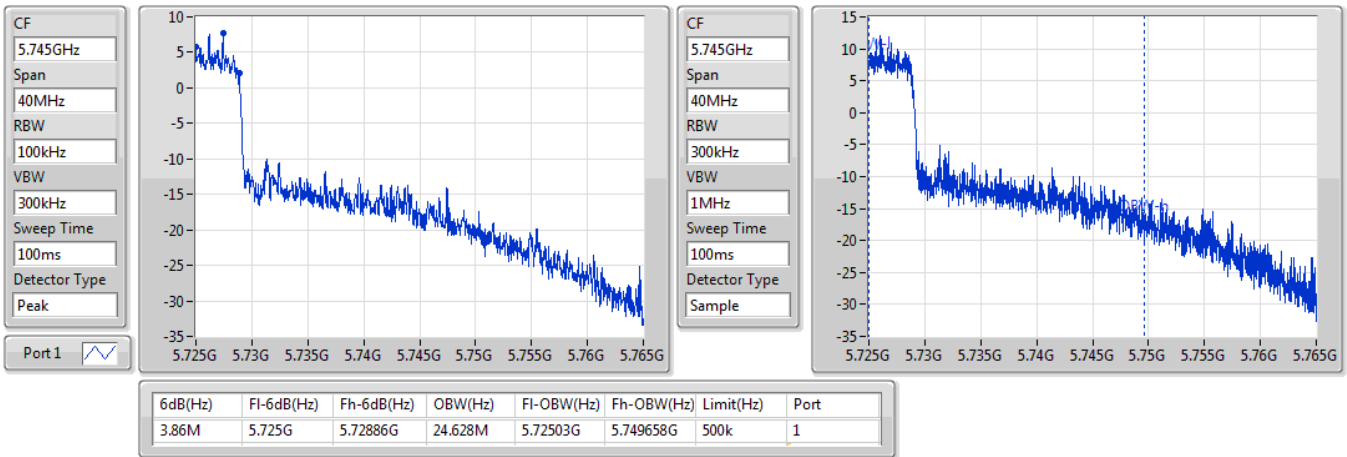

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.47-5.725GHz

31/10/2019

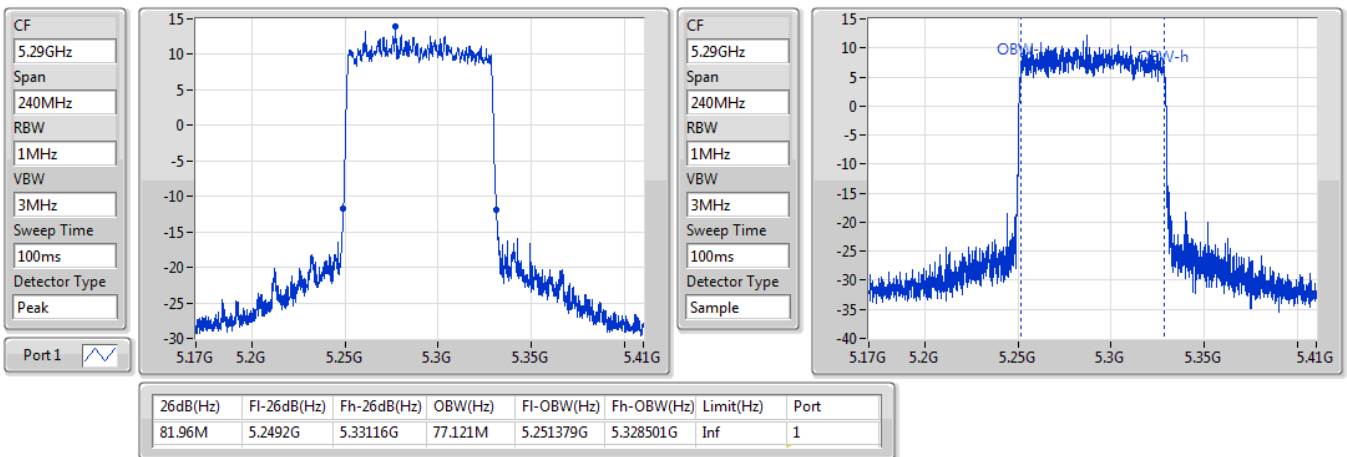


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5710MHz Straddle 5.725-5.85GHz

31/10/2019

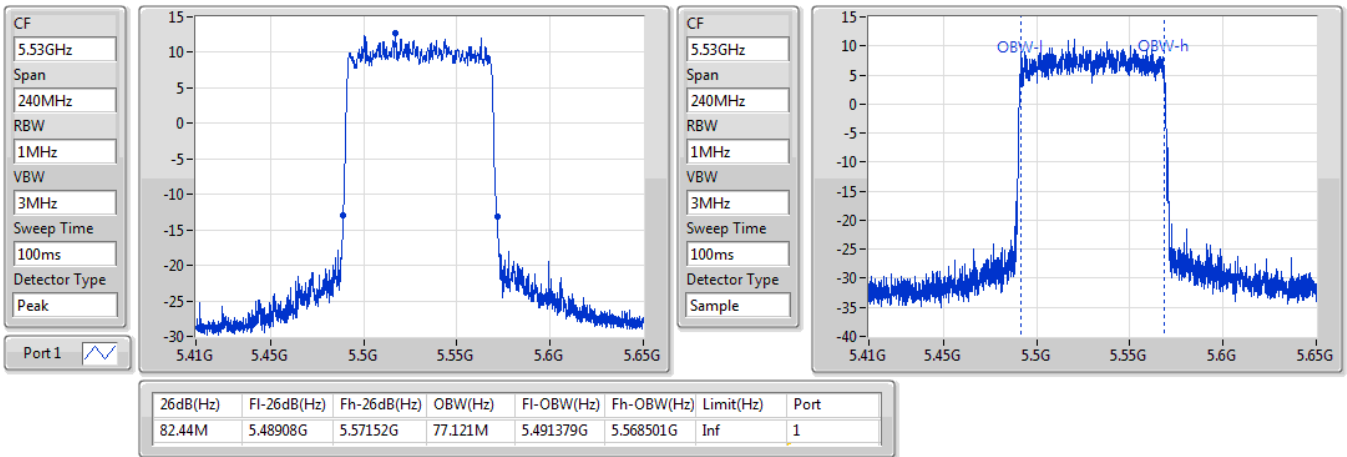

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5290MHz

31/10/2019

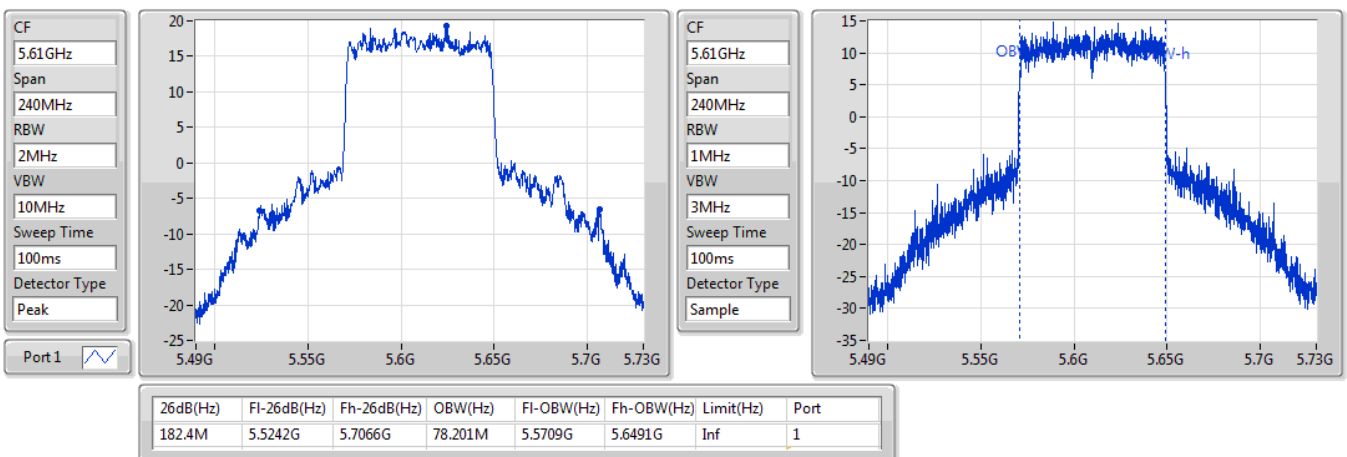


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5530MHz

31/10/2019

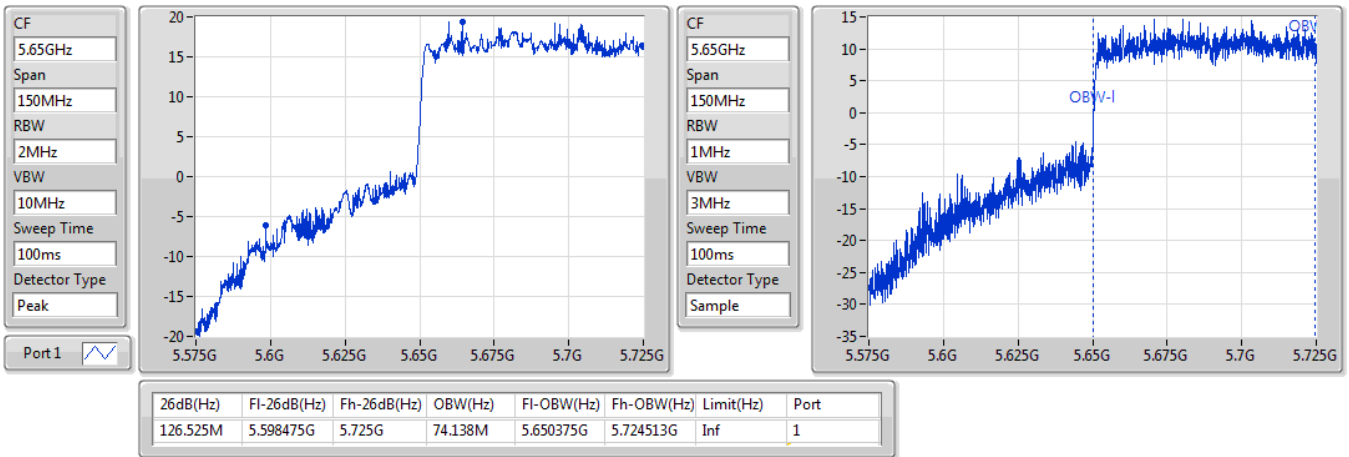

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5610MHz

31/10/2019

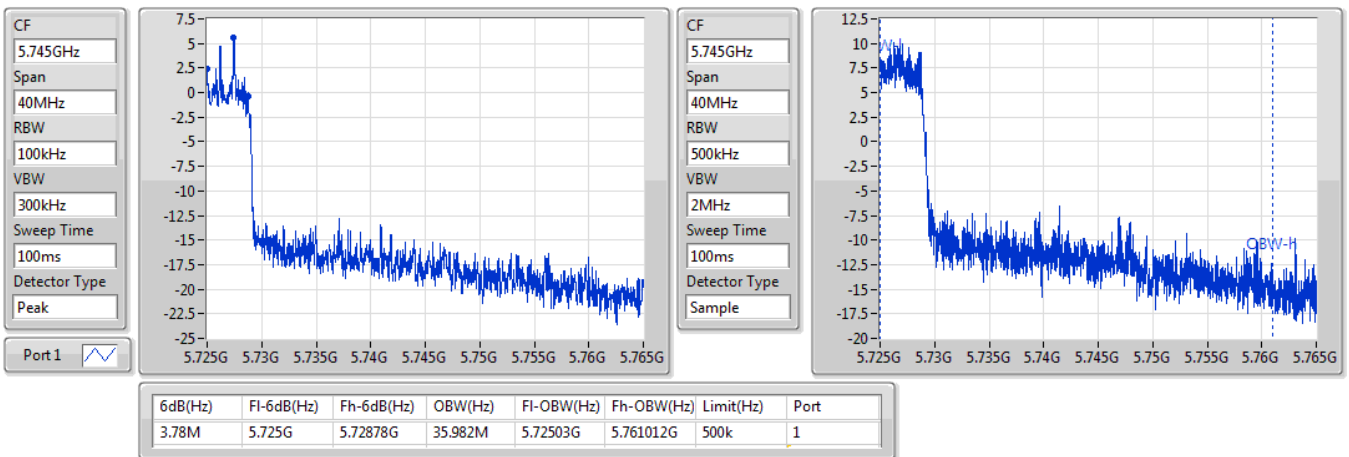


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5690MHz Straddle 5.47-5.725GHz

31/10/2019


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

31/10/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.99M	16.582M	16M6D1D	21.48M	16.522M
802.11ac VHT20_Nss2,(MCS0)_2TX	30.72M	17.841M	17M8D1D	22.11M	17.781M
802.11ac VHT40_Nss2,(MCS0)_2TX	47.52M	36.342M	36M3D1D	39.9M	36.282M
802.11ac VHT80_Nss2,(MCS0)_2TX	81.72M	75.802M	75M8D1D	81.6M	75.682M
802.11ax HEW20_Nss2,(MCS0)_2TX	27.99M	19.04M	19M0D1D	21.78M	18.951M
802.11ax HEW40_Nss2,(MCS0)_2TX	74.22M	37.661M	37M7D1D	40.02M	37.541M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	77.001M	77M0D1D	81.24M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.02M	16.642M	16M6D1D	15.72M	13.328M
802.11ac VHT20_Nss2,(MCS0)_2TX	29.31M	17.901M	17M9D1D	19.395M	14.078M
802.11ac VHT40_Nss2,(MCS0)_2TX	48.36M	36.342M	36M3D1D	39.34M	33.128M
802.11ac VHT80_Nss2,(MCS0)_2TX	121.2M	76.042M	76M0D1D	81.48M	72.639M
802.11ax HEW20_Nss2,(MCS0)_2TX	27.9M	19.07M	19M1D1D	18.36M	14.573M
802.11ax HEW40_Nss2,(MCS0)_2TX	69.66M	37.721M	37M7D1D	39.96M	33.828M
802.11ax HEW80_Nss2,(MCS0)_2TX	118.68M	77.121M	77M1D1D	78.675M	73.313M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	4.178M	4M18D1D	3.1M	4.078M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.8M	7.136M	7M14D1D	3.7M	4.818M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.1M	19.69M	19M7D1D	3.1M	15.392M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.1M	30.865M	30M9D1D	3.08M	25.907M
802.11ax HEW20_Nss2,(MCS0)_2TX	4.42M	8.896M	8M90D1D	4.4M	5.557M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.72M	18.951M	19M0D1D	3.62M	15.952M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.74M	30.045M	30M0D1D	3.7M	24.288M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.48M	16.552M	21.87M	16.582M
5300MHz	Pass	Inf	21.6M	16.582M	21.99M	16.582M
5320MHz	Pass	Inf	21.57M	16.522M	21.99M	16.582M
5500MHz	Pass	Inf	21.54M	16.582M	21.75M	16.582M
5580MHz	Pass	Inf	21.48M	16.612M	22.02M	16.642M
5700MHz	Pass	Inf	21.33M	16.612M	21.99M	16.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.72M	13.328M	15.975M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	4.078M	3.12M	4.178M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.86M	17.781M	30.72M	17.841M
5300MHz	Pass	Inf	22.65M	17.781M	23.4M	17.811M
5320MHz	Pass	Inf	22.11M	17.781M	28.38M	17.781M
5500MHz	Pass	Inf	21.96M	17.781M	22.47M	17.811M
5580MHz	Pass	Inf	22.53M	17.811M	29.31M	17.901M
5700MHz	Pass	Inf	21.96M	17.841M	21.75M	17.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.395M	14.078M	24.99M	14.213M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.8M	4.818M	3.7M	7.136M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	43.74M	36.282M	47.52M	36.342M
5310MHz	Pass	Inf	39.9M	36.282M	39.96M	36.282M
5510MHz	Pass	Inf	39.9M	36.162M	39.96M	36.282M
5550MHz	Pass	Inf	48M	36.222M	48.36M	36.342M
5670MHz	Pass	Inf	40.68M	36.222M	40.32M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	39.34M	33.128M	46.305M	33.163M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	15.392M	3.1M	19.69M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	75.682M	81.72M	75.802M
5530MHz	Pass	Inf	81.72M	75.802M	81.48M	75.922M
5610MHz	Pass	Inf	102.36M	75.922M	121.2M	76.042M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	93M	72.639M	99.75M	72.714M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	25.907M	3.08M	30.865M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	19.01M	27.99M	19.04M
5300MHz	Pass	Inf	21.78M	19.01M	27.75M	19.04M
5320MHz	Pass	Inf	21.9M	18.951M	26.4M	18.981M
5500MHz	Pass	Inf	21.93M	18.981M	24.72M	19.01M
5580MHz	Pass	Inf	23.1M	19.01M	27.9M	19.07M
5700MHz	Pass	Inf	21.84M	18.981M	21.54M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.36M	14.573M	18.66M	14.618M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	5.557M	4.42M	8.896M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	51.3M	37.601M	74.22M	37.661M
5310MHz	Pass	Inf	40.02M	37.601M	40.02M	37.541M

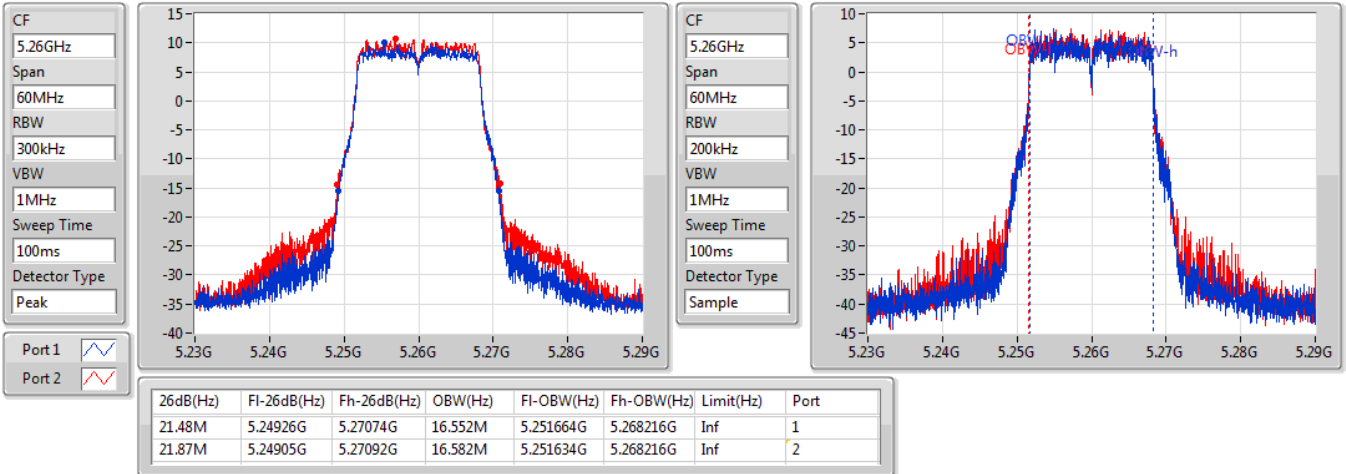
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5510MHz	Pass	Inf	39.96M	37.541M	40.02M	37.481M
5550MHz	Pass	Inf	40.92M	37.661M	69.66M	37.721M
5670MHz	Pass	Inf	40.14M	37.601M	69M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	51.065M	33.863M	52.85M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	15.952M	3.62M	18.951M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.48M	76.882M	81.24M	77.001M
5530MHz	Pass	Inf	81.6M	77.121M	81.72M	77.001M
5610MHz	Pass	Inf	82.92M	77.001M	118.68M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.675M	73.313M	89.925M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	24.288M	3.7M	30.045M

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

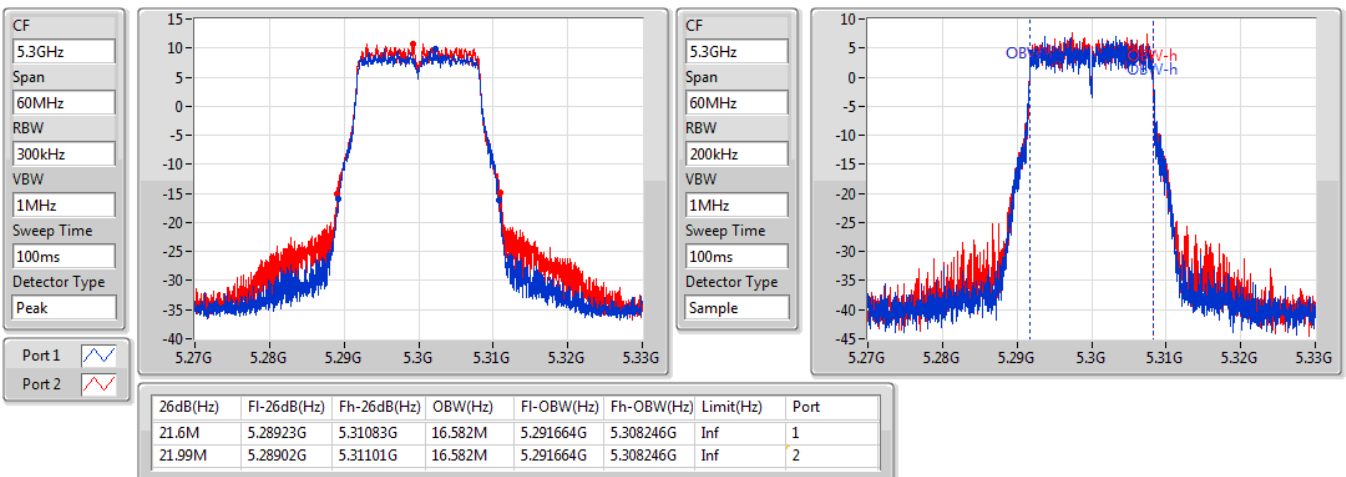
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

31/10/2019

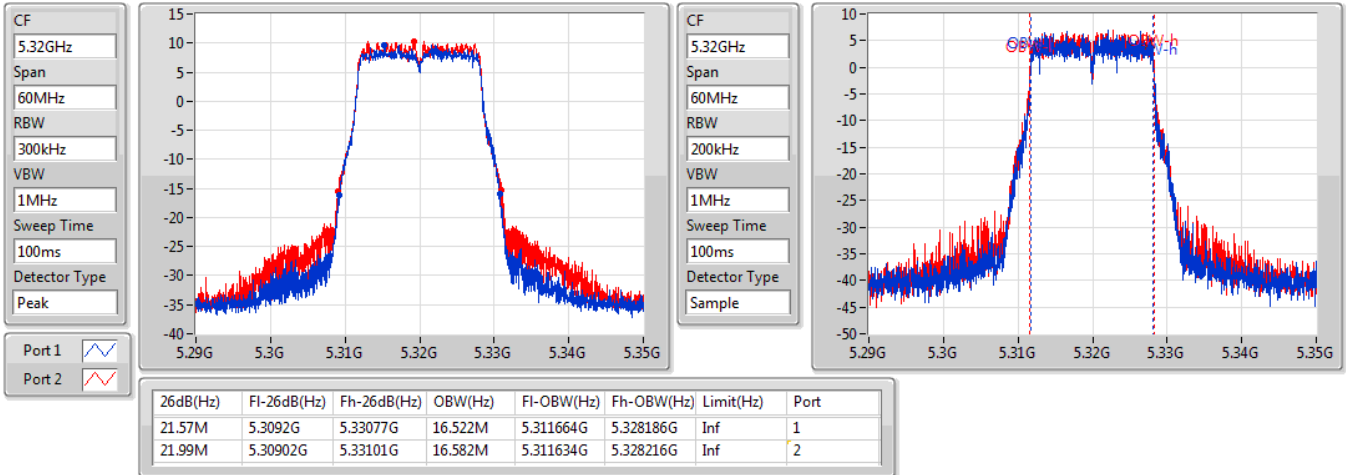

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

31/10/2019

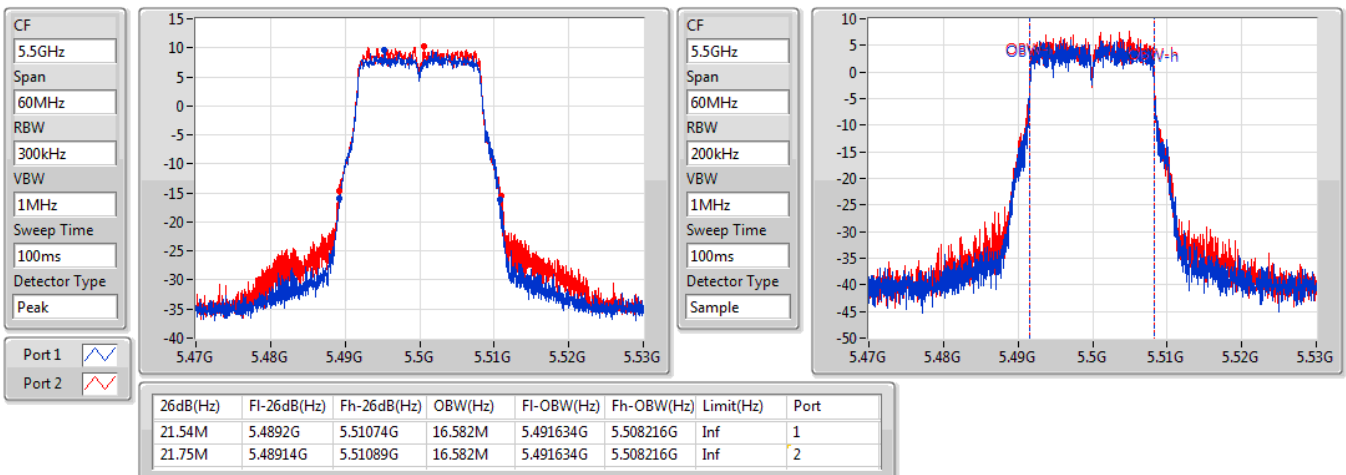


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

31/10/2019

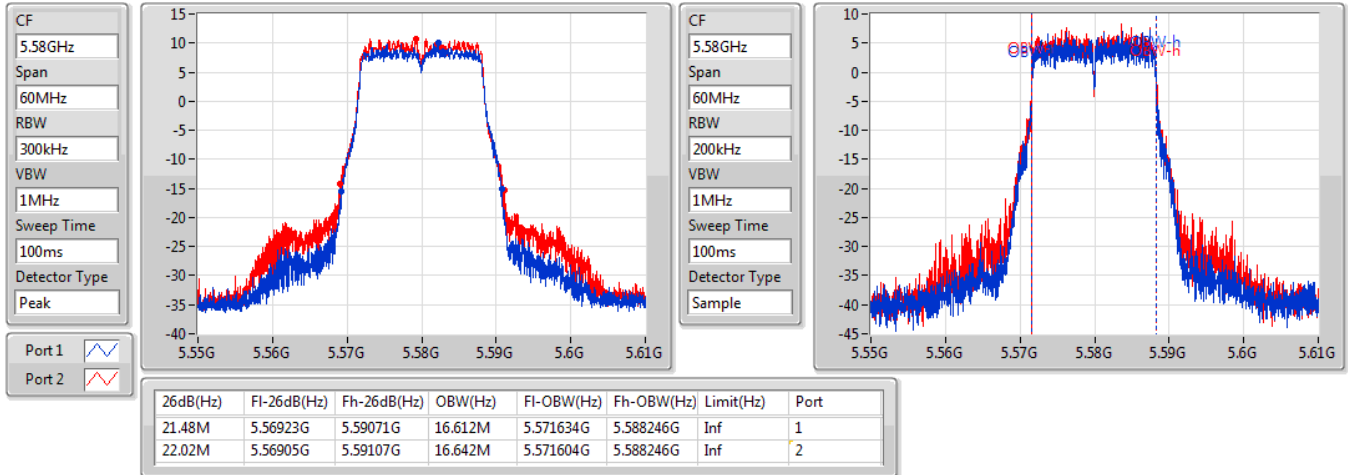

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

31/10/2019

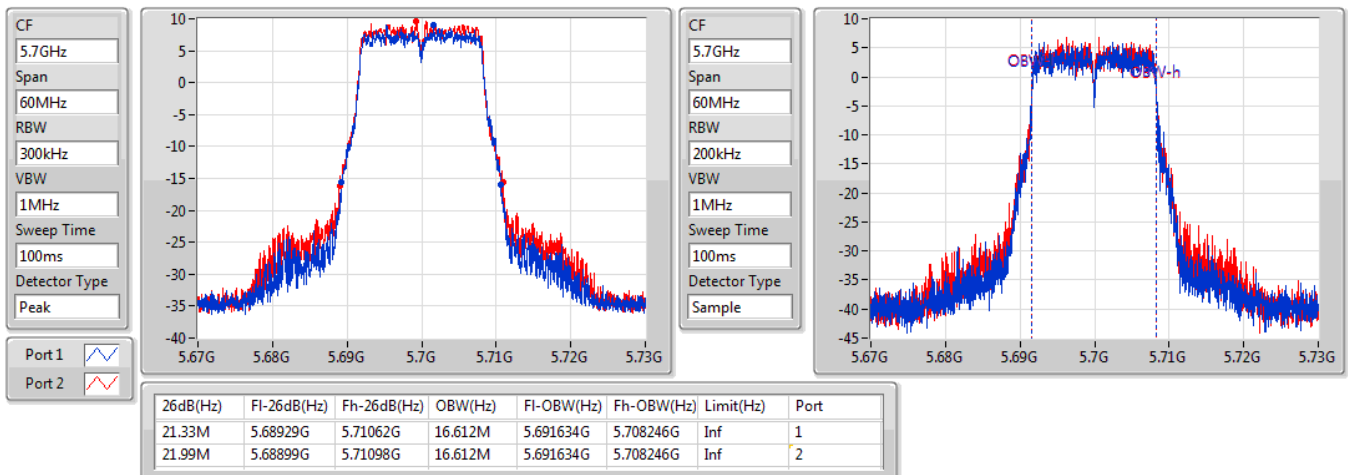


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

01/11/2019

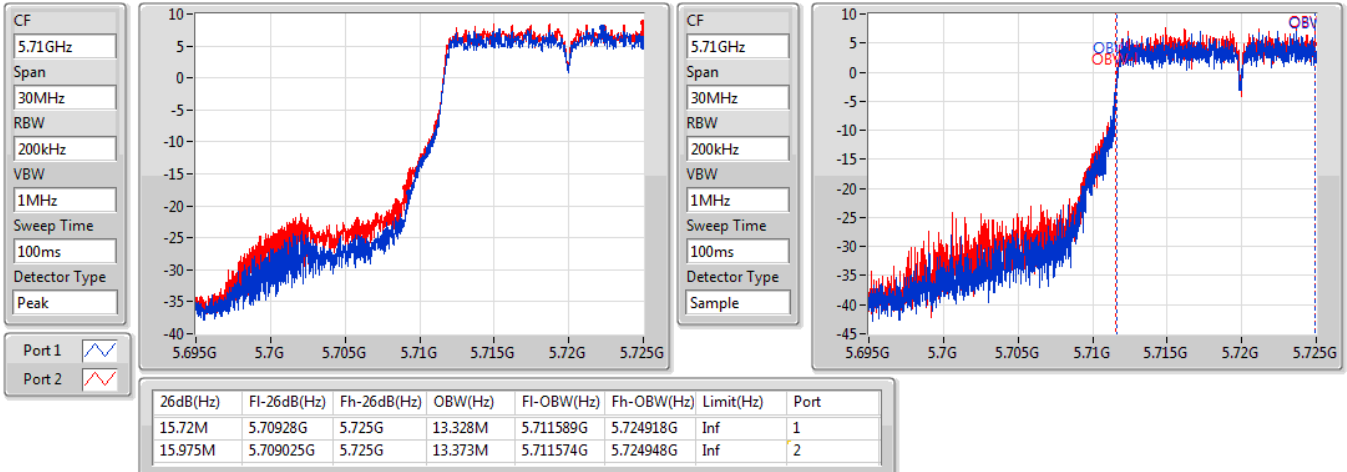

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

01/11/2019

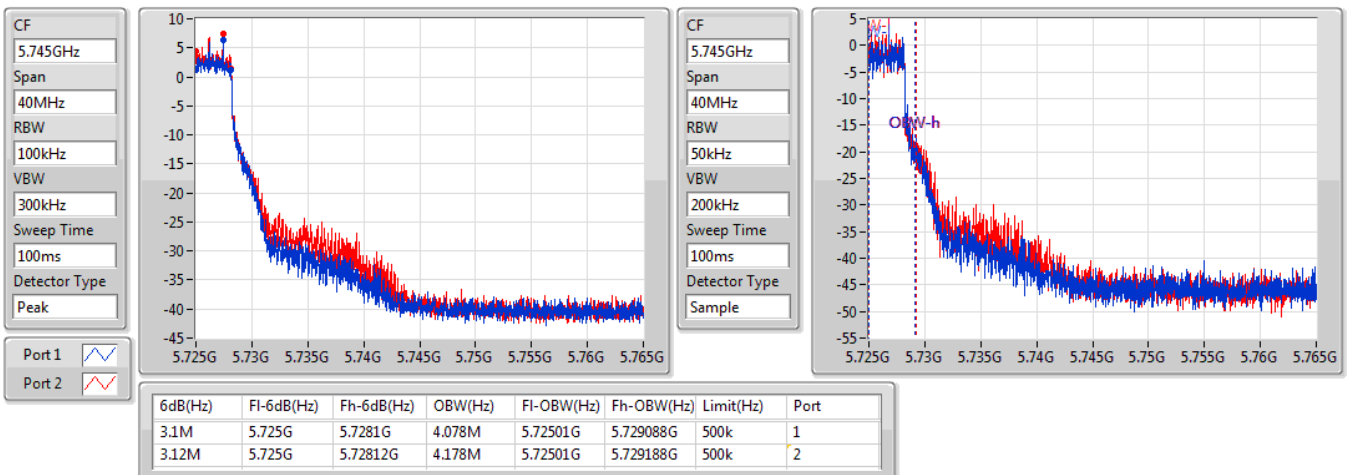


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/11/2019

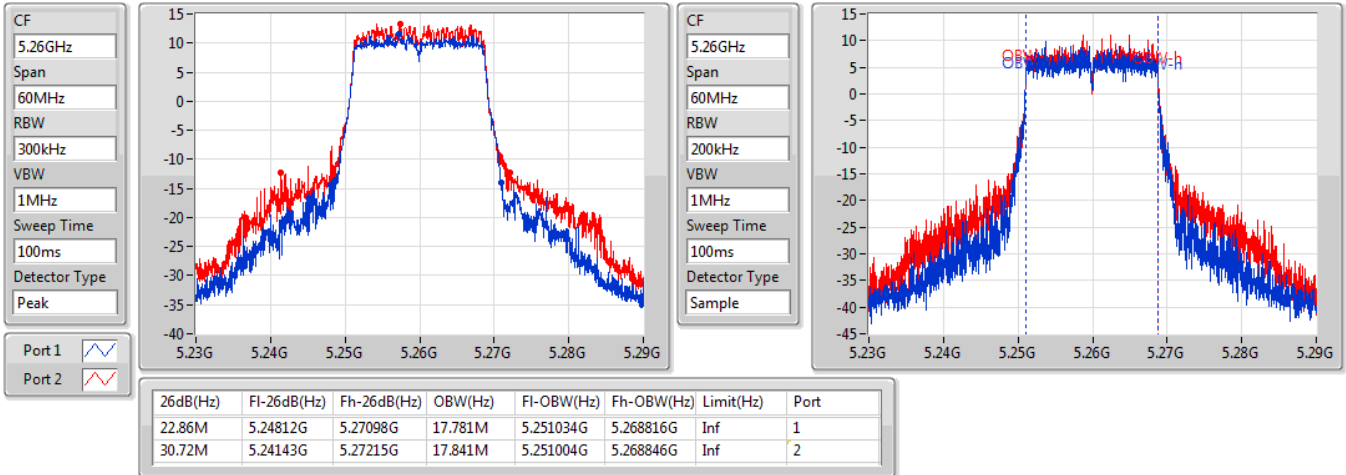

802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

01/11/2019

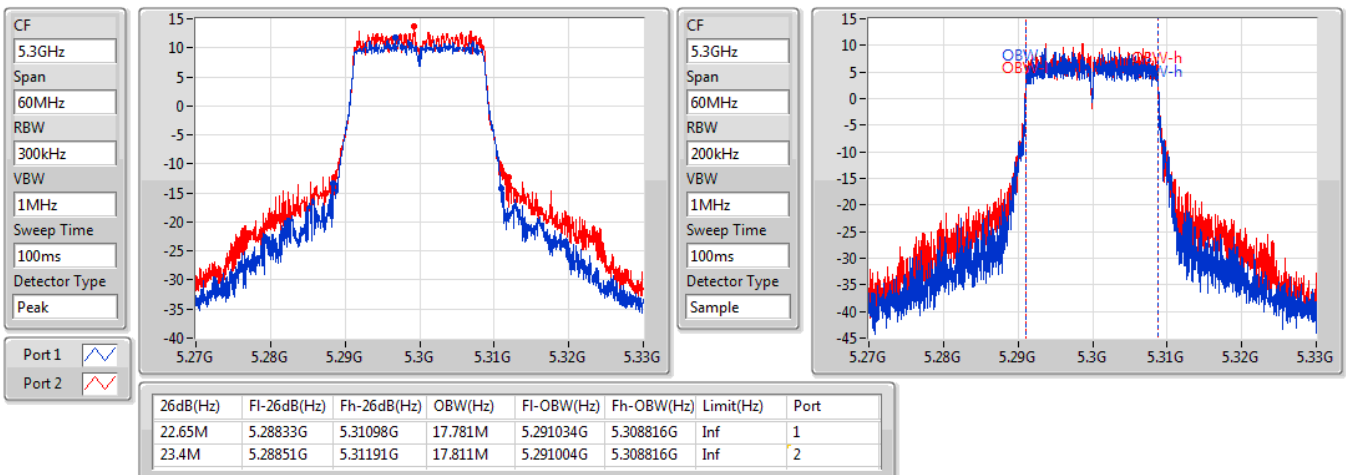


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5260MHz

01/11/2019

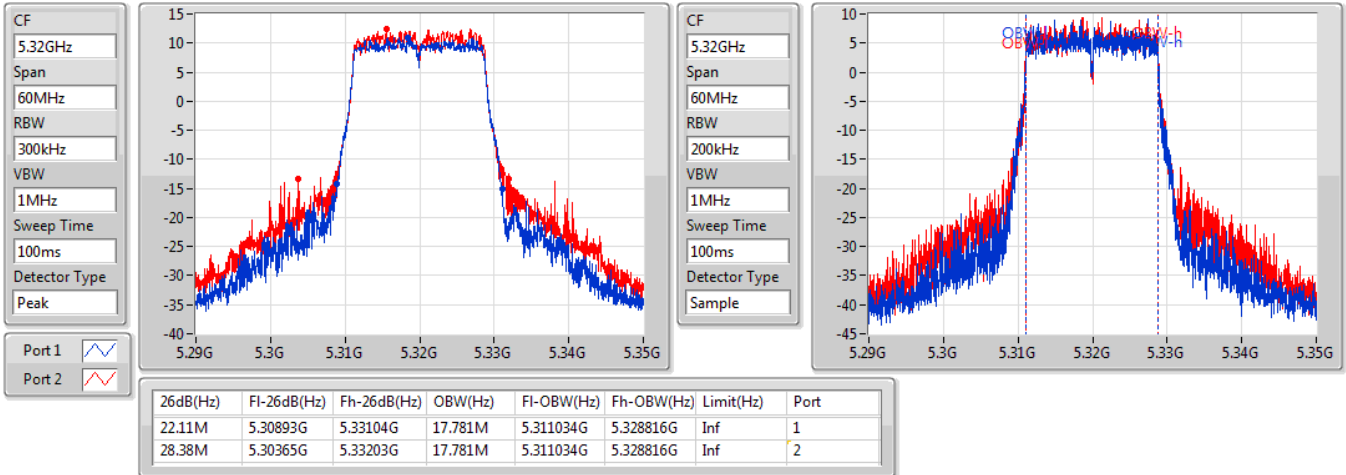

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5300MHz

01/11/2019

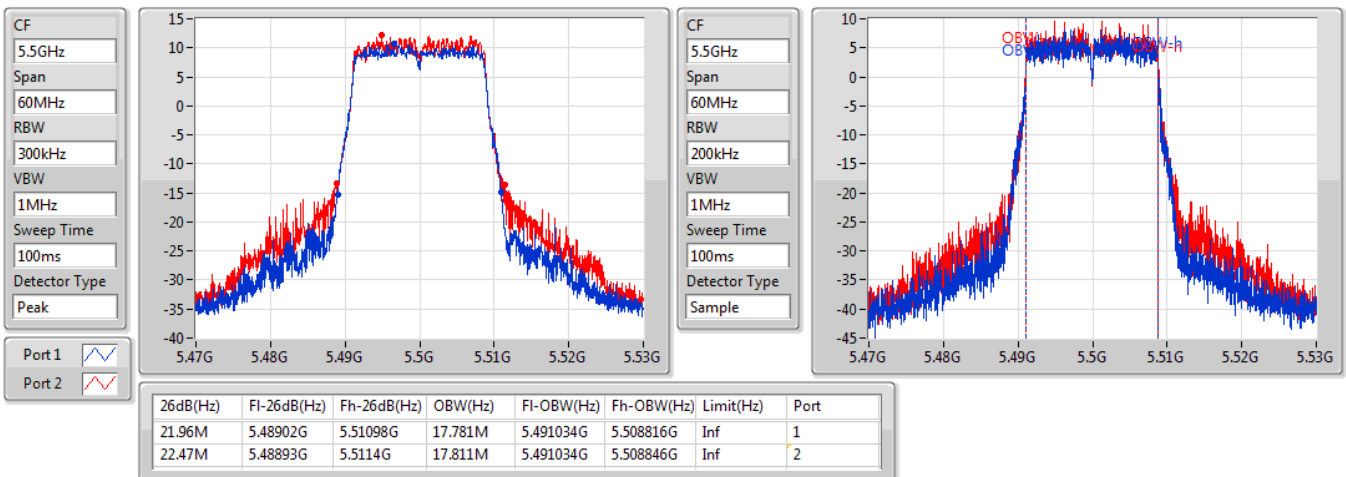


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5320MHz

01/11/2019

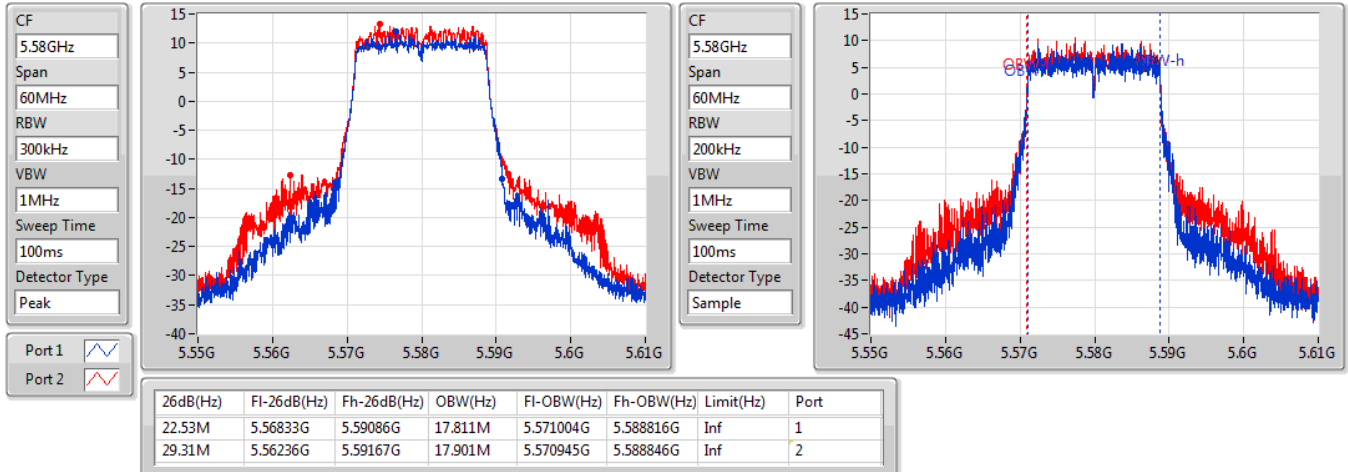

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5500MHz

01/11/2019

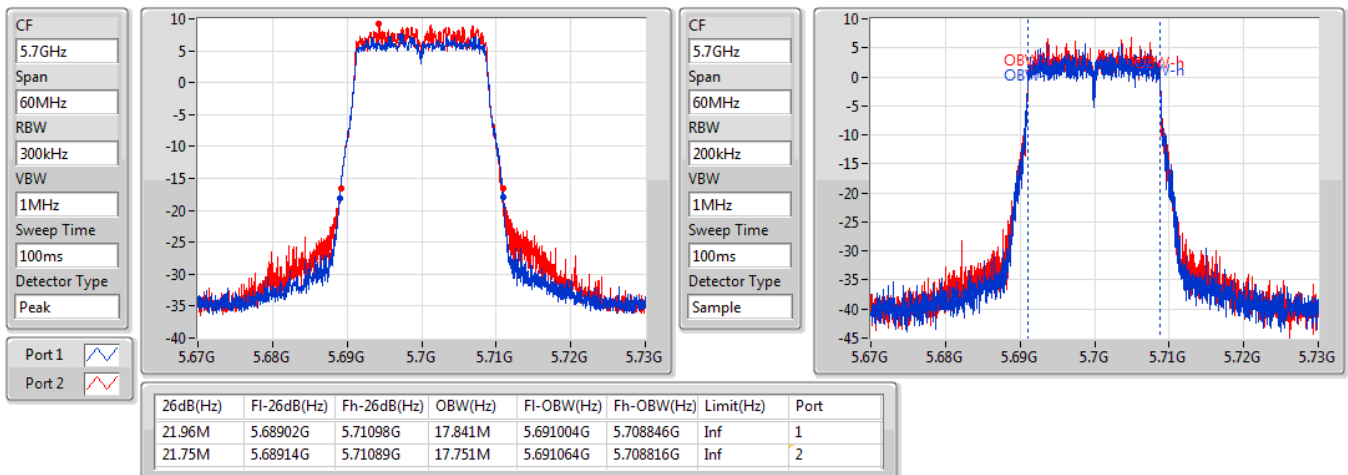


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5580MHz

01/11/2019

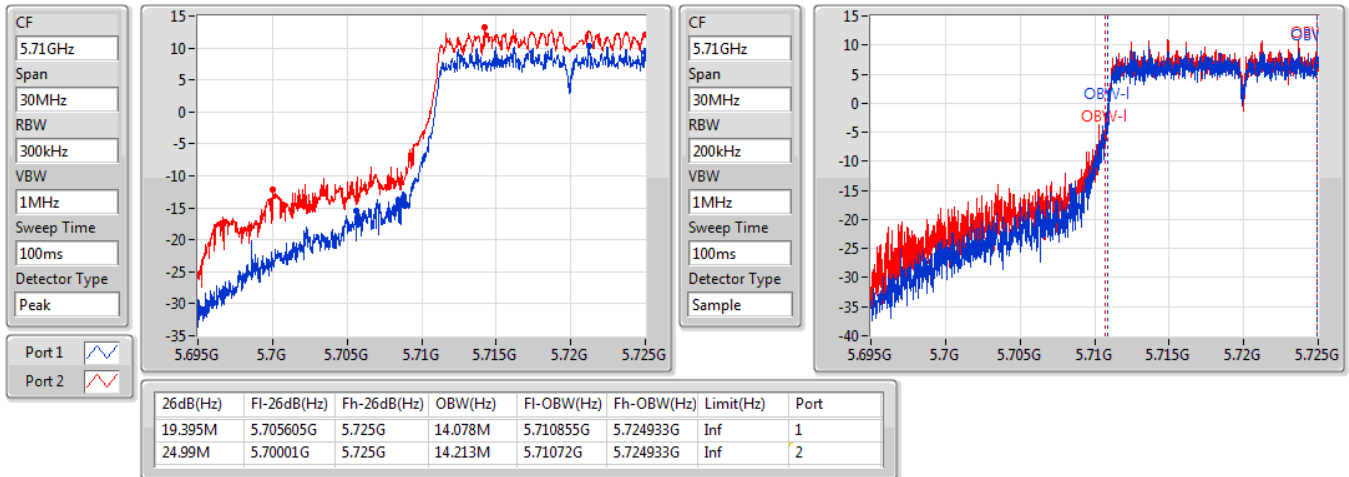

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5700MHz

01/11/2019

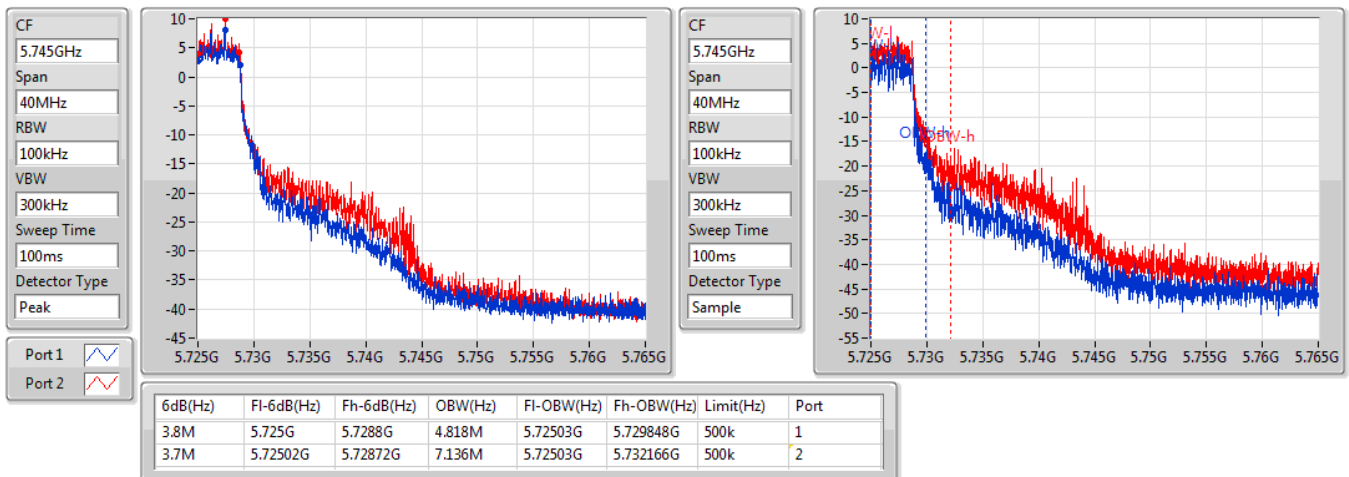


802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/11/2019

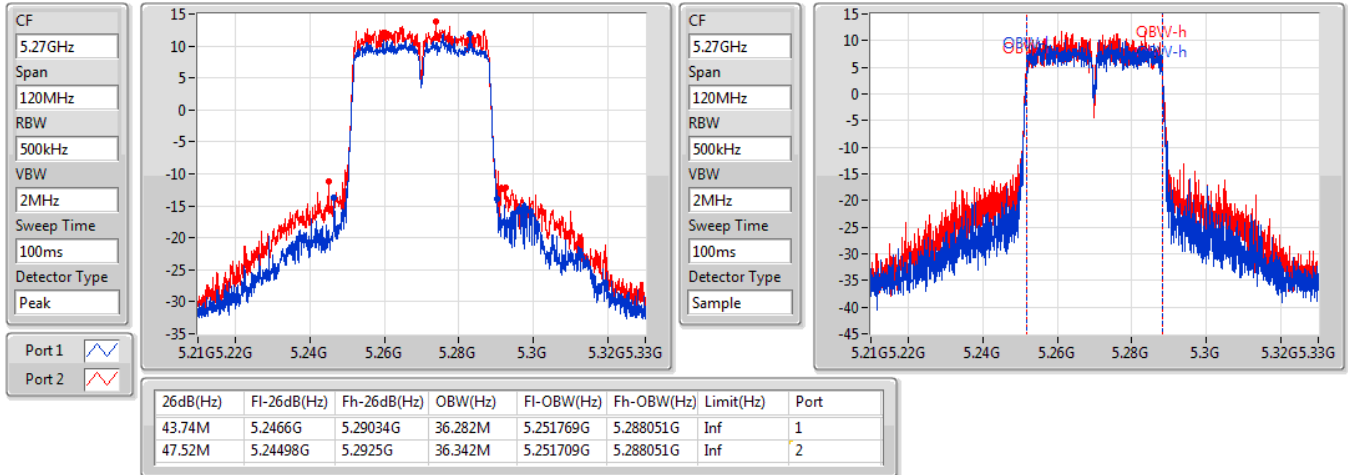

802.11ac VHT20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

01/11/2019

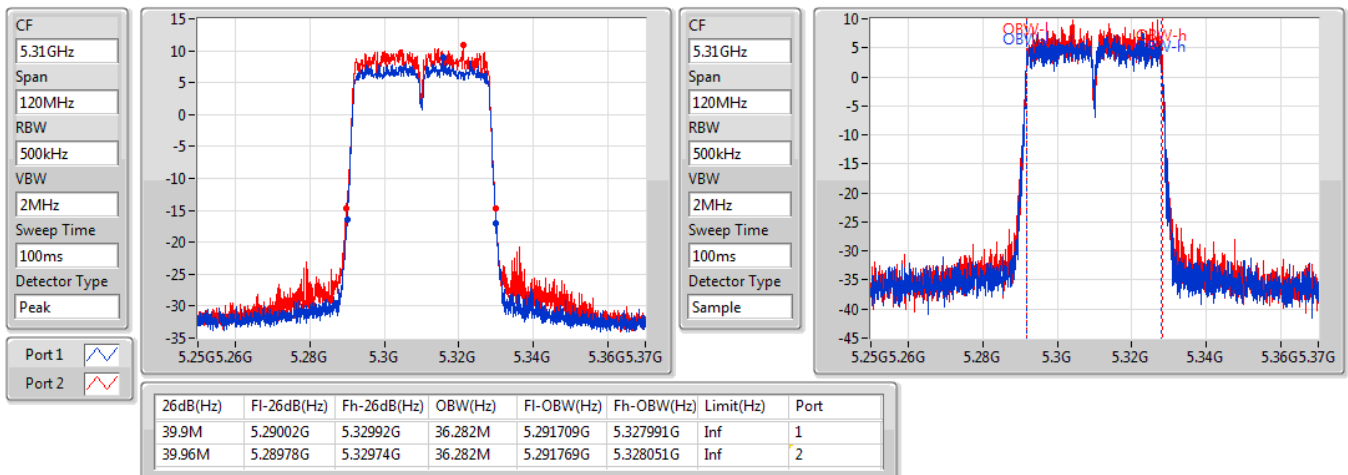


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5270MHz

01/11/2019

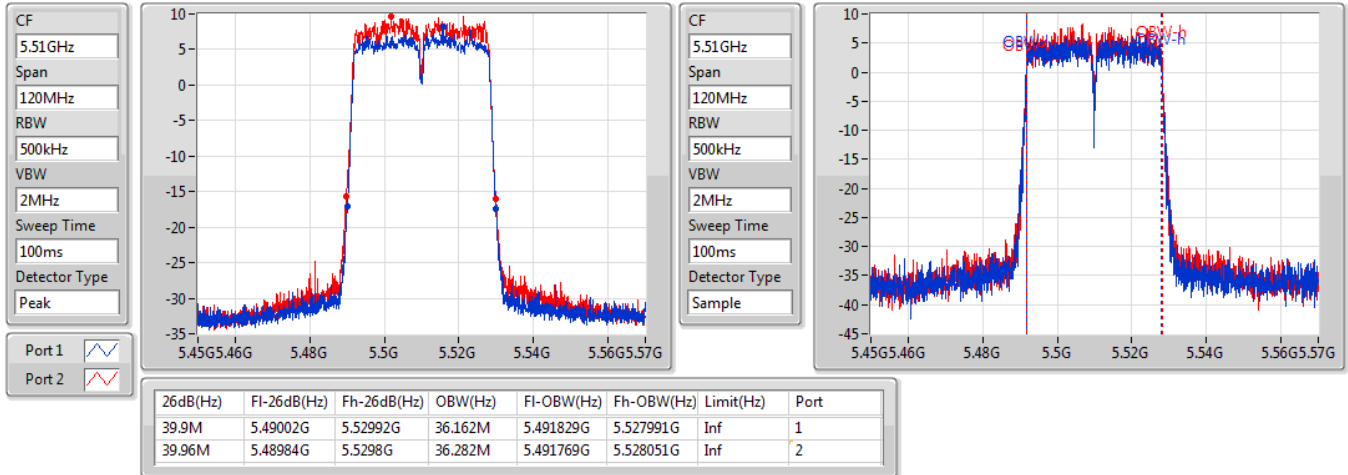

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5310MHz

01/11/2019

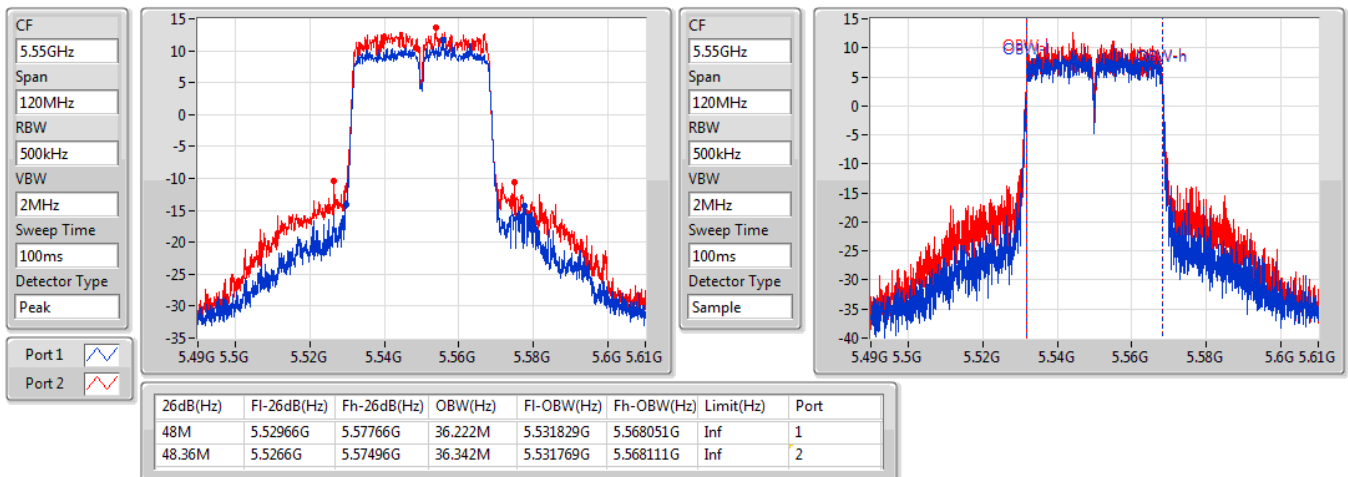


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5510MHz

01/11/2019

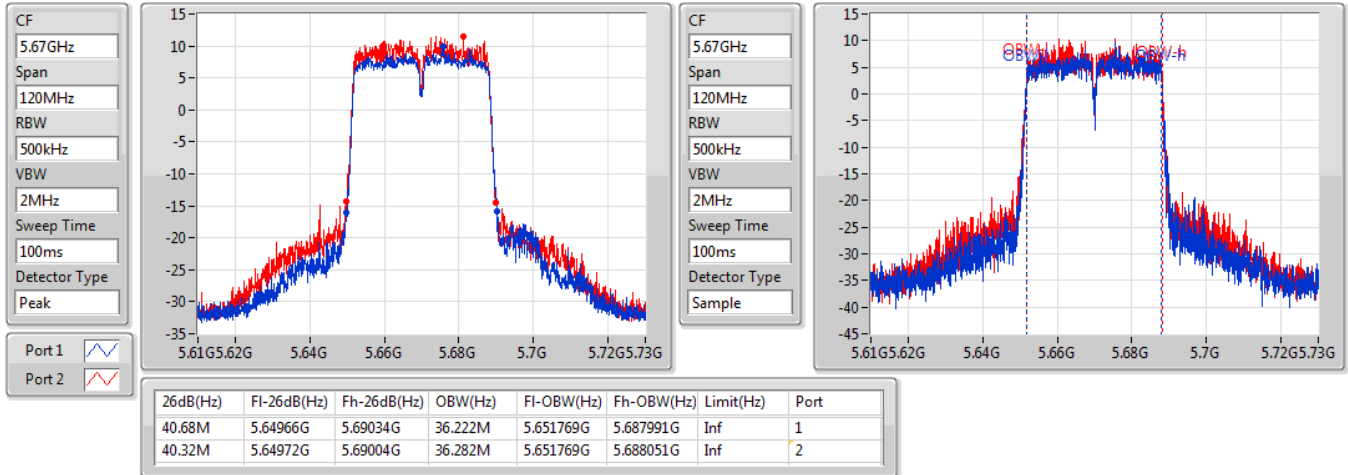

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5550MHz

01/11/2019

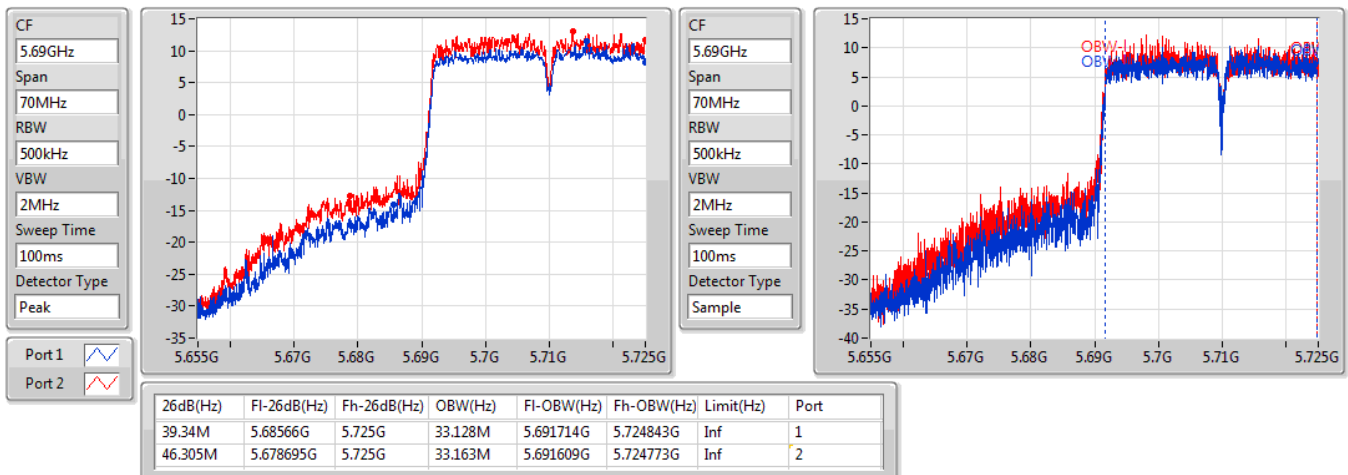


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5670MHz

01/11/2019

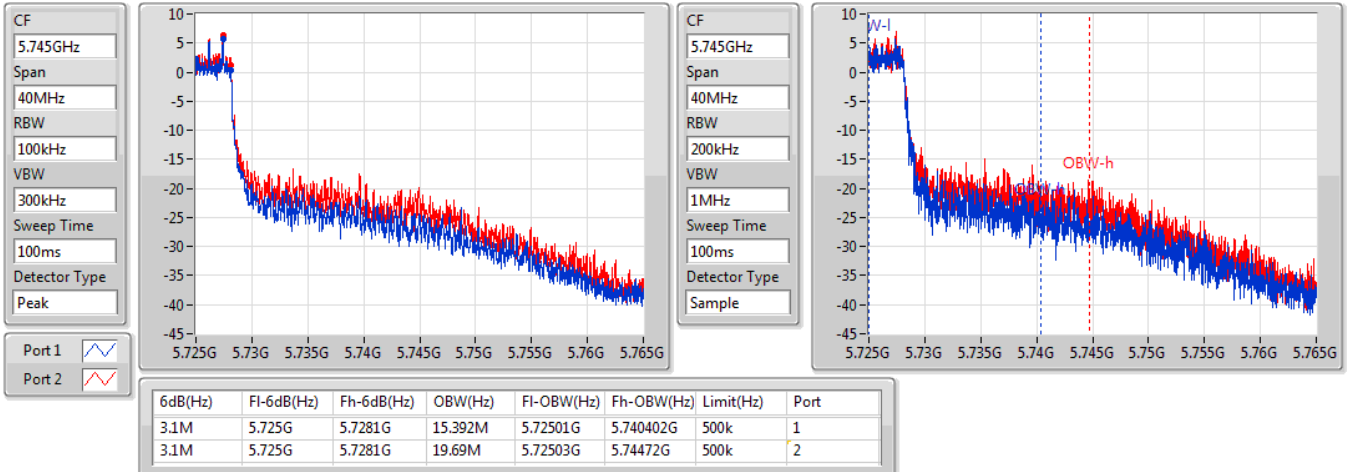

802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

01/11/2019

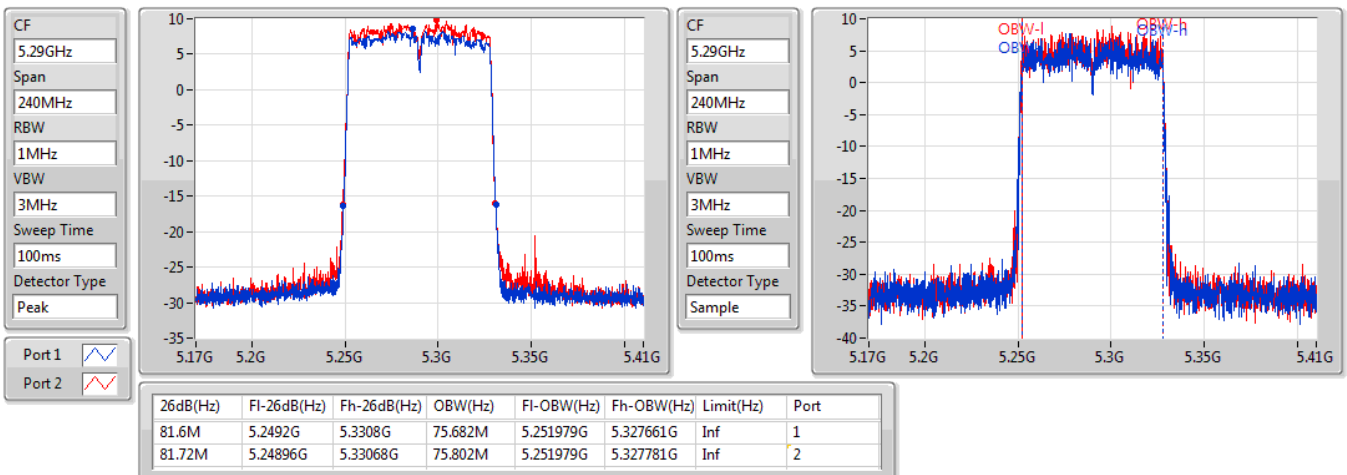


802.11ac VHT40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/11/2019

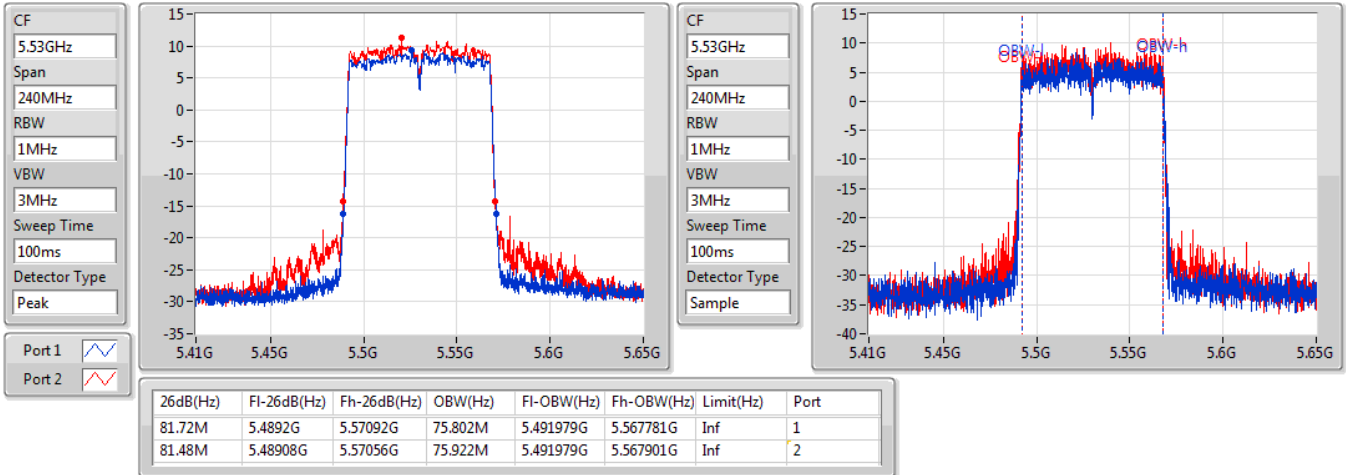

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5290MHz

01/11/2019

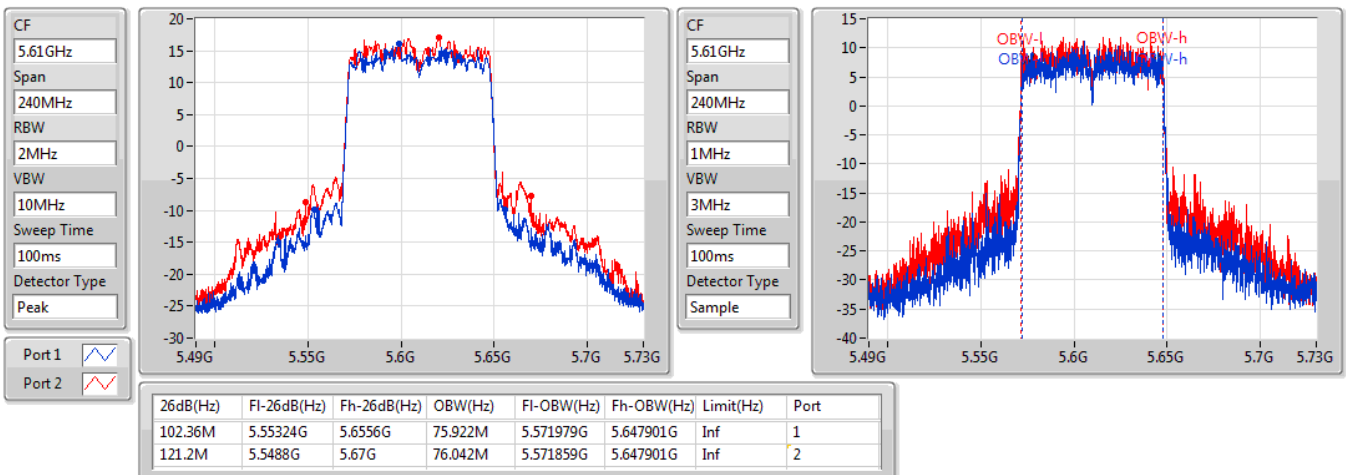


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5530MHz

01/11/2019

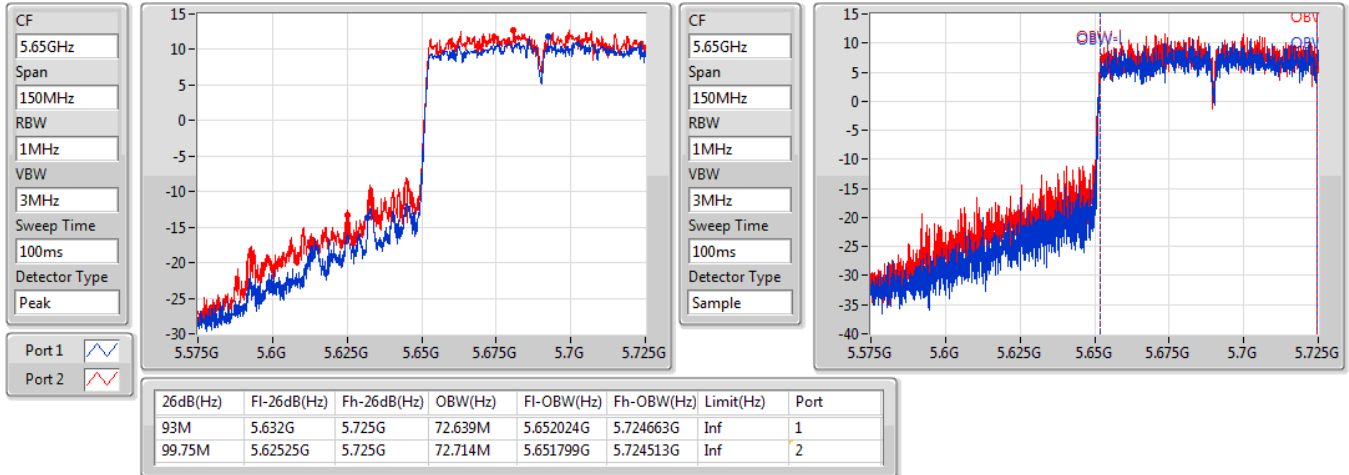

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5610MHz

01/11/2019

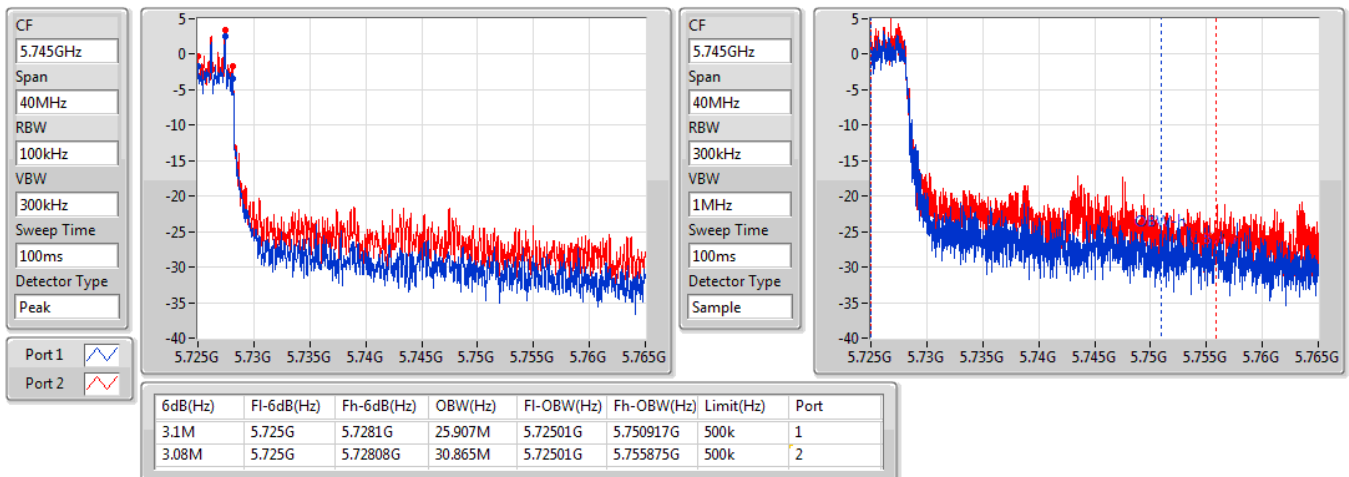


802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

01/11/2019

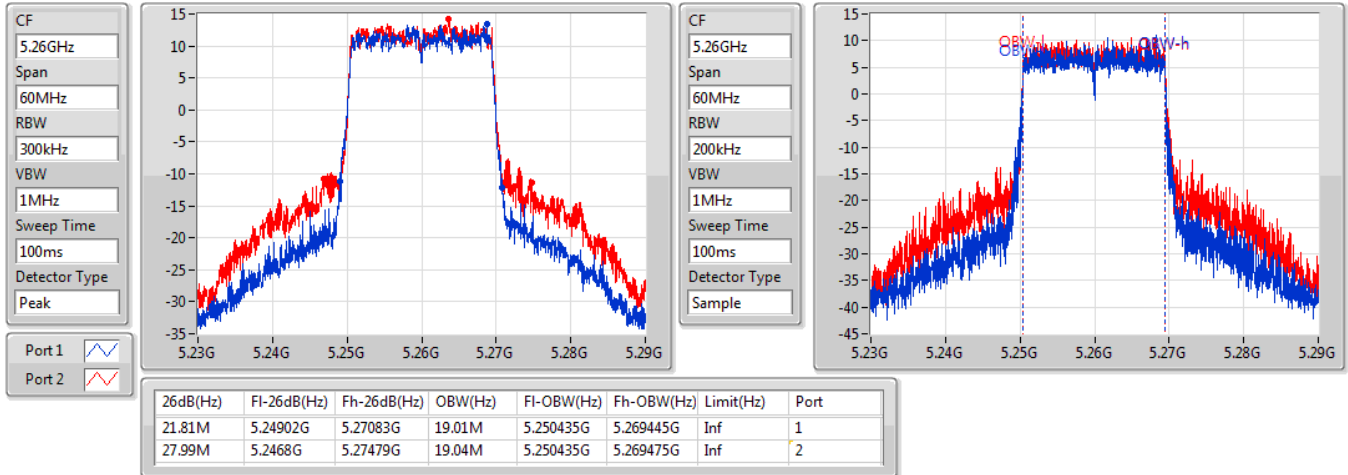

802.11ac VHT80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

01/11/2019

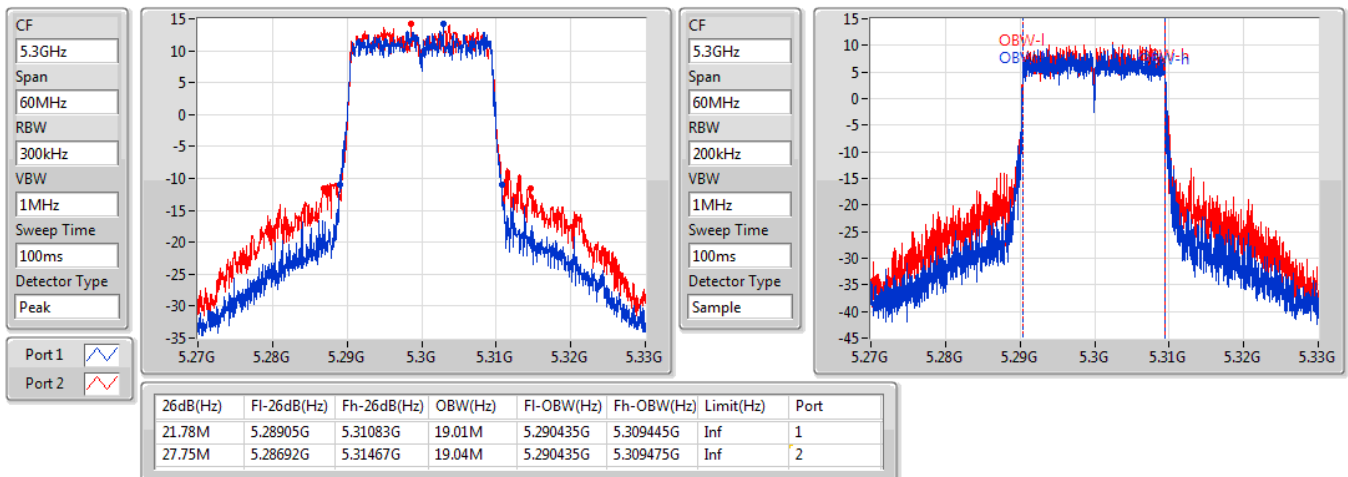


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5260MHz

01/11/2019

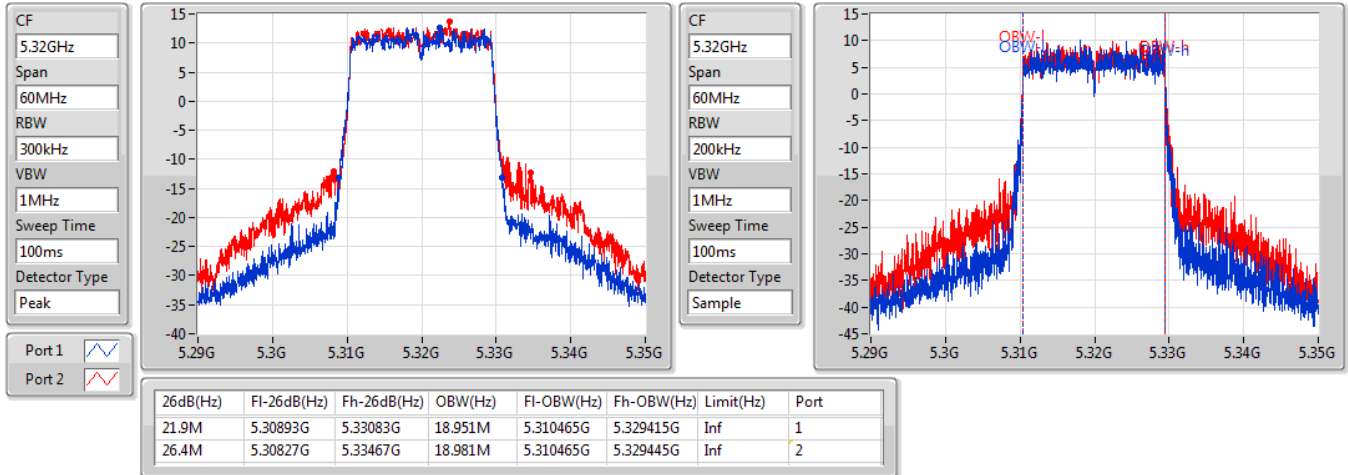

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5300MHz

01/11/2019

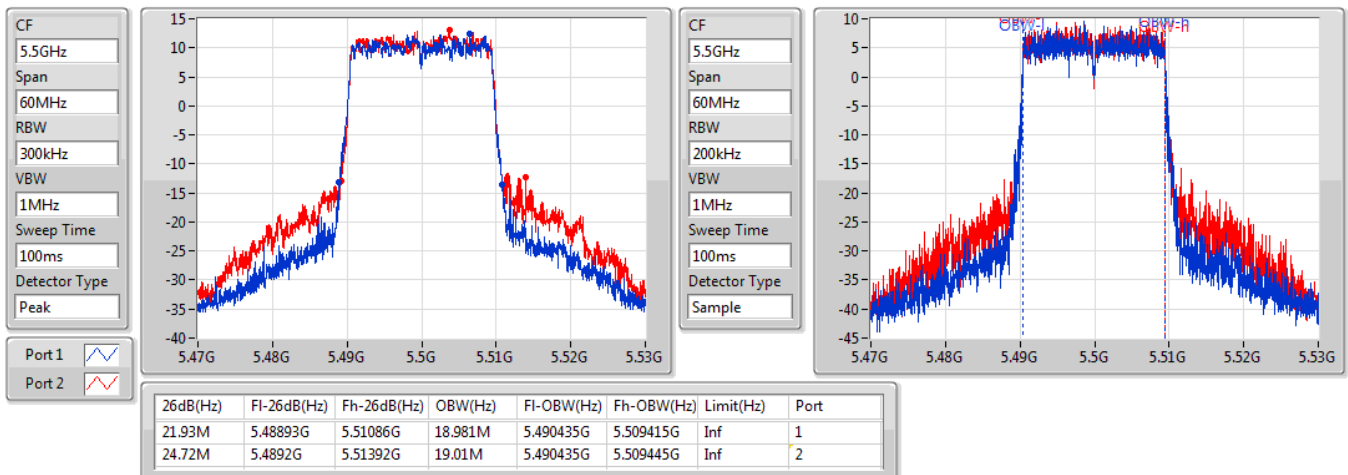


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5320MHz

01/11/2019

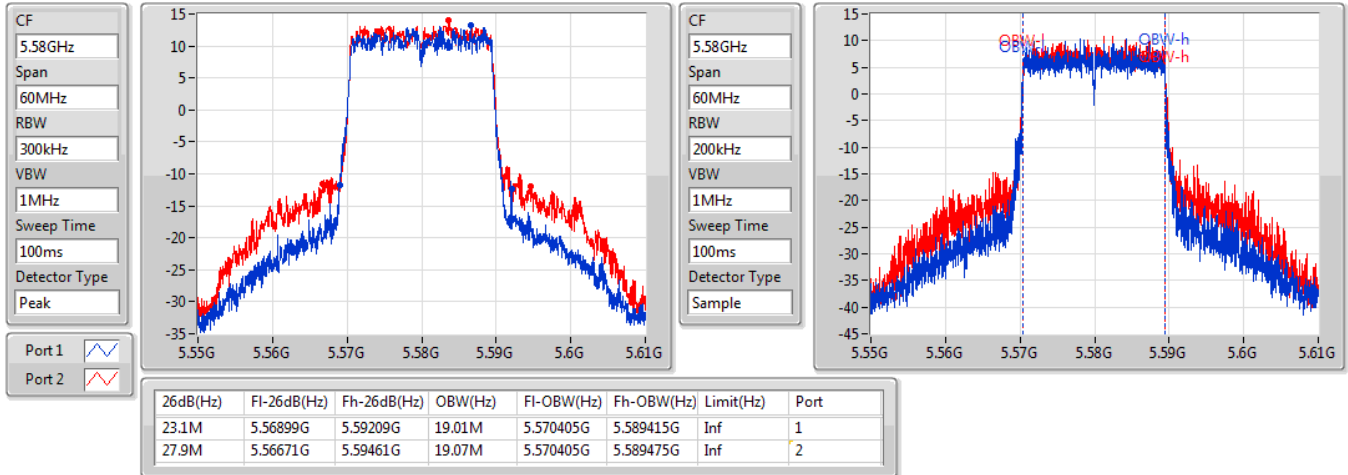

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5500MHz

01/11/2019

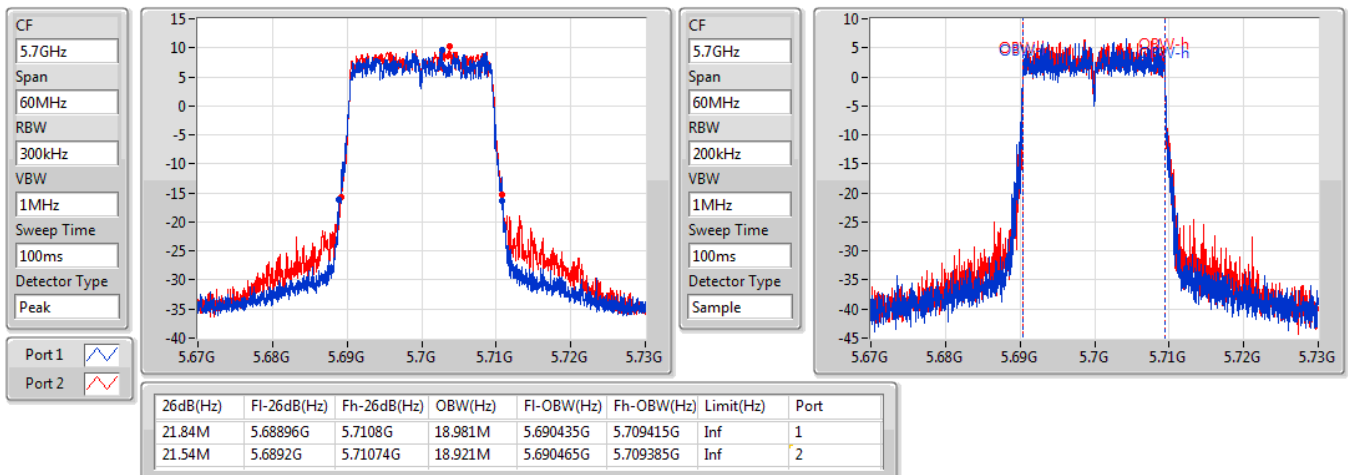


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5580MHz

01/11/2019

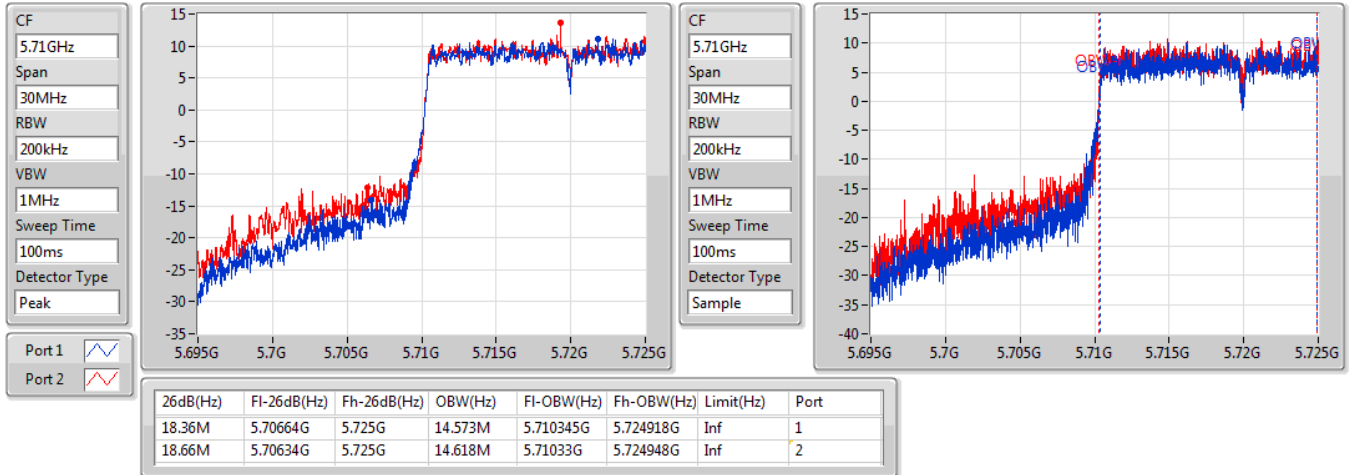

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5700MHz

01/11/2019

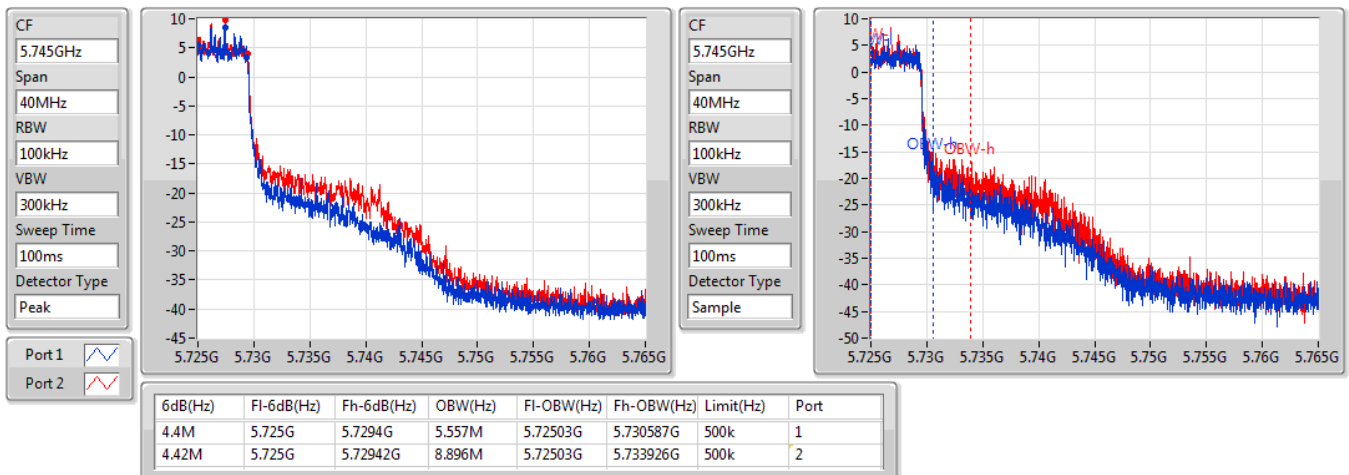


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/11/2019

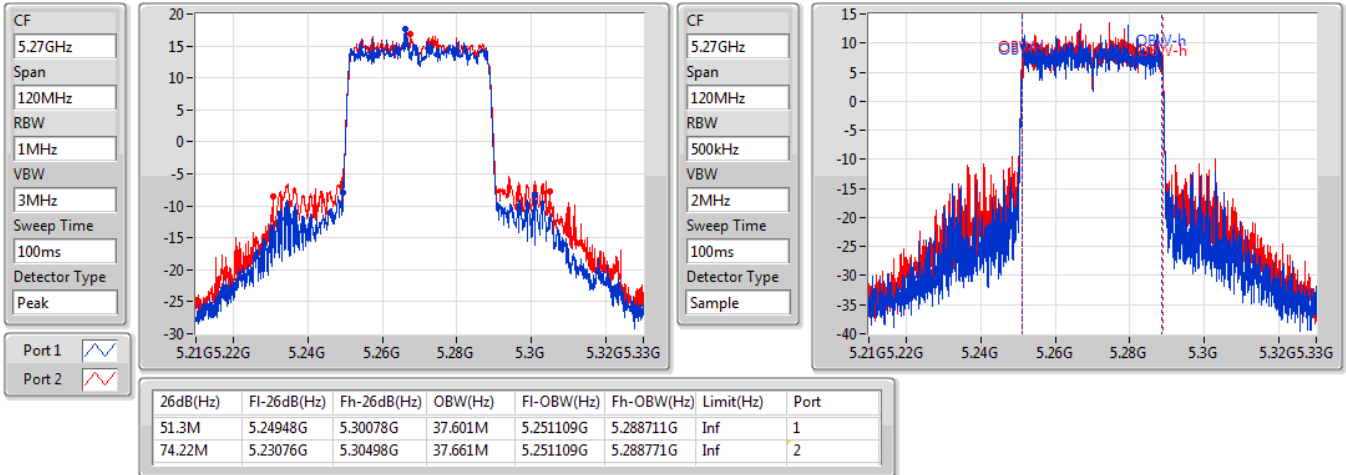

802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

01/11/2019

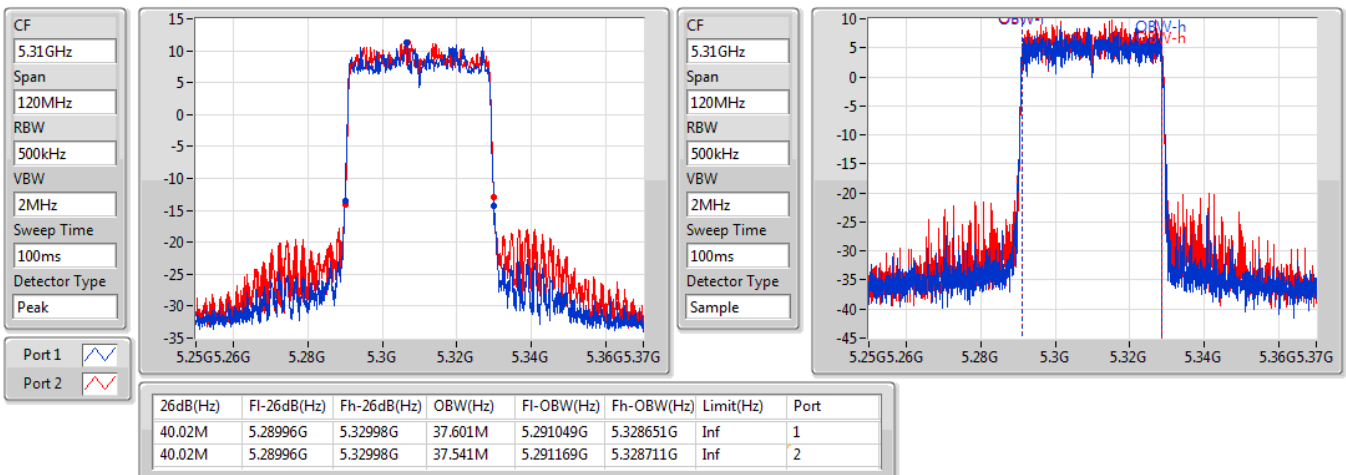


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5270MHz

01/11/2019

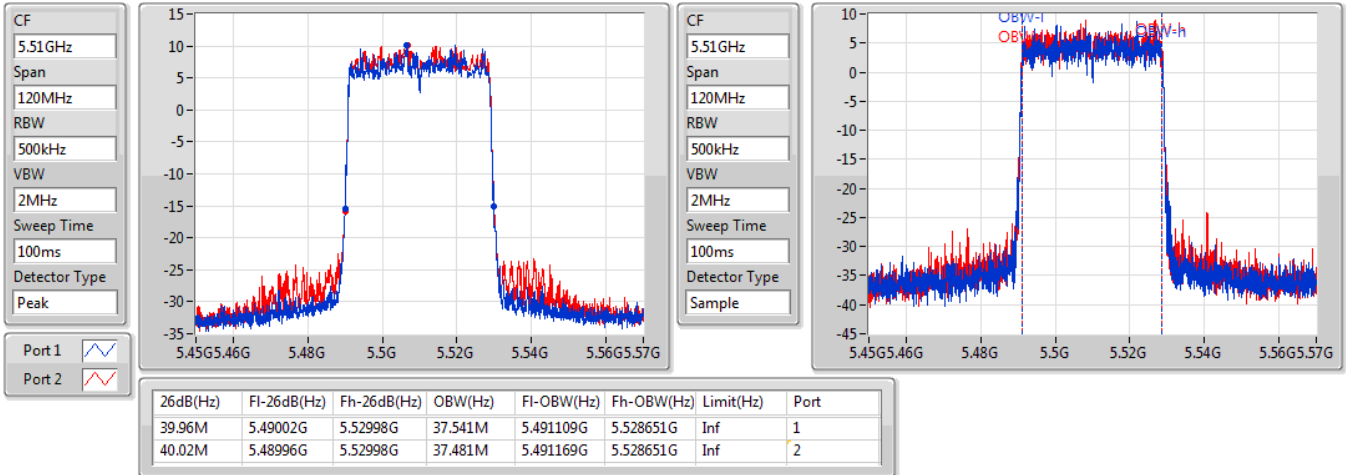

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5310MHz

01/11/2019

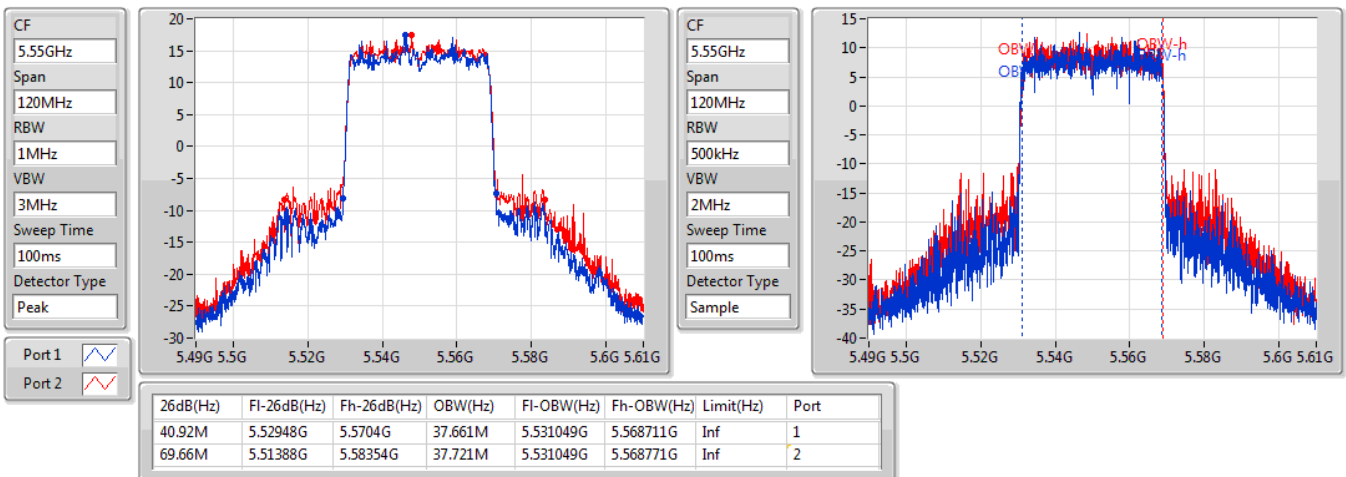


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5510MHz

01/11/2019

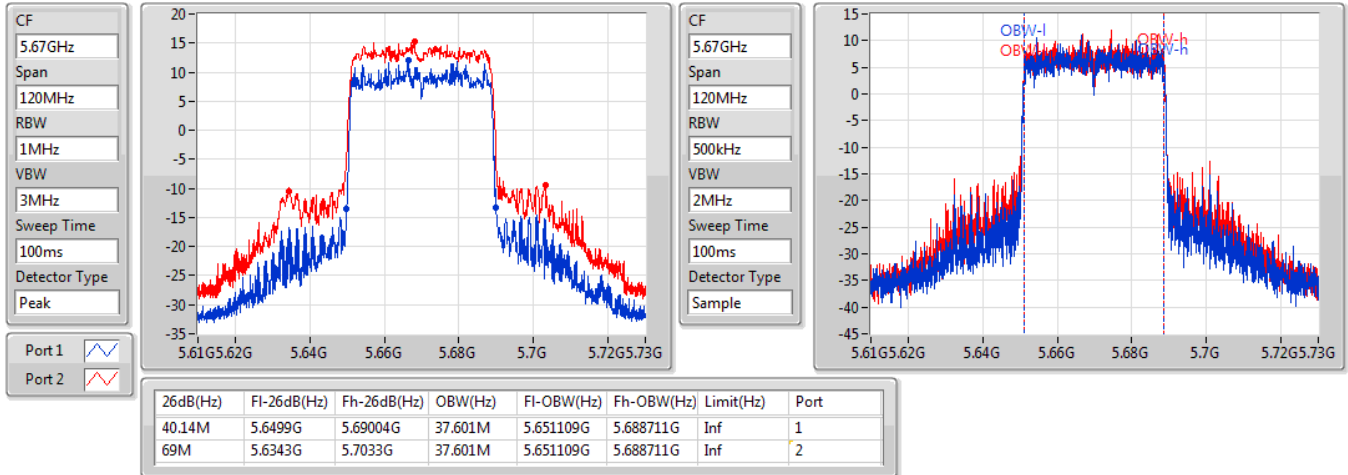

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5550MHz

01/11/2019

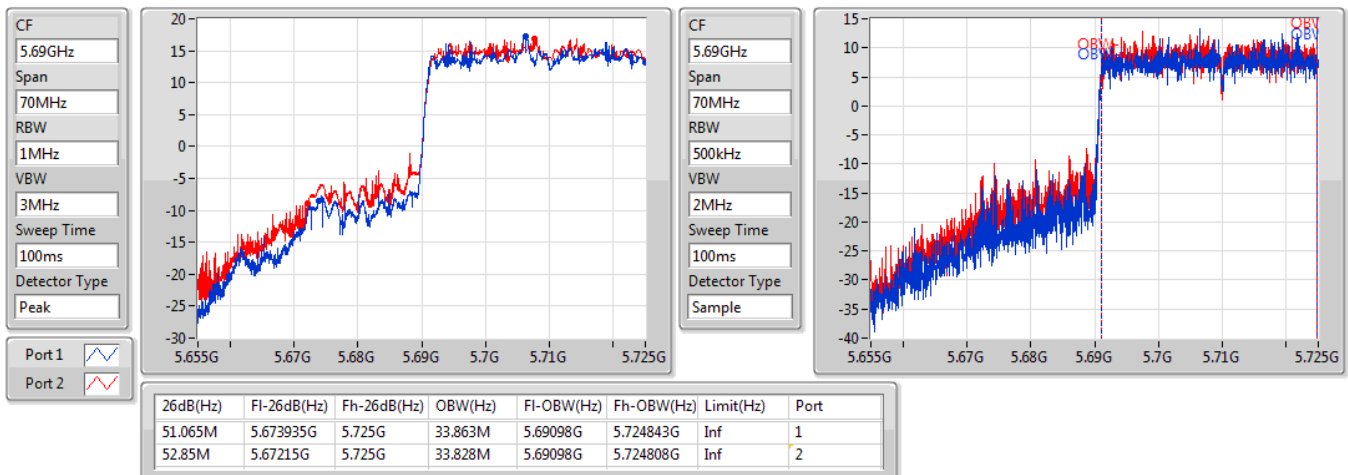


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5670MHz

01/11/2019

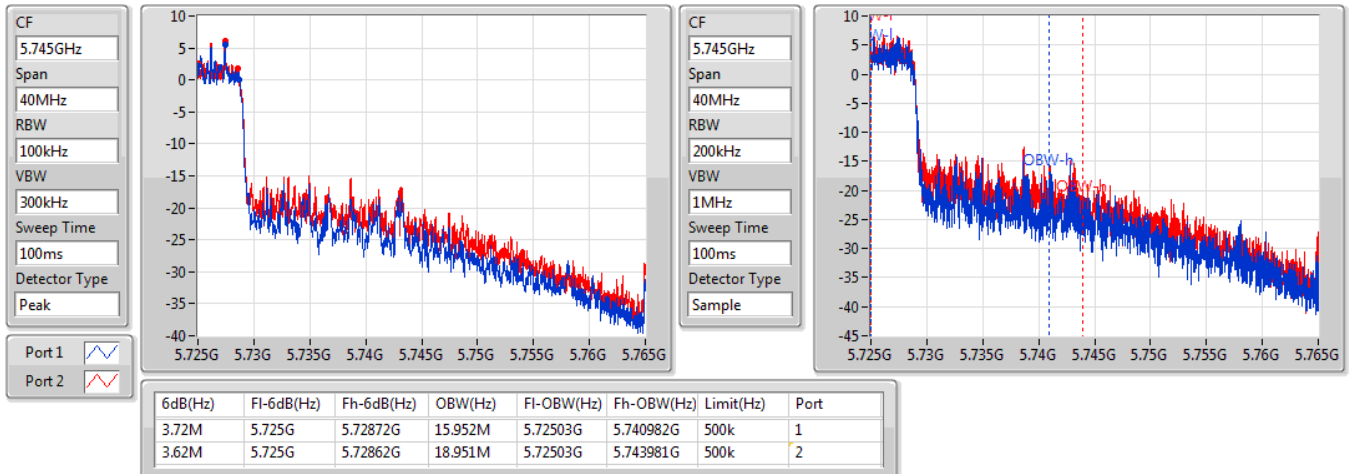

802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

01/11/2019

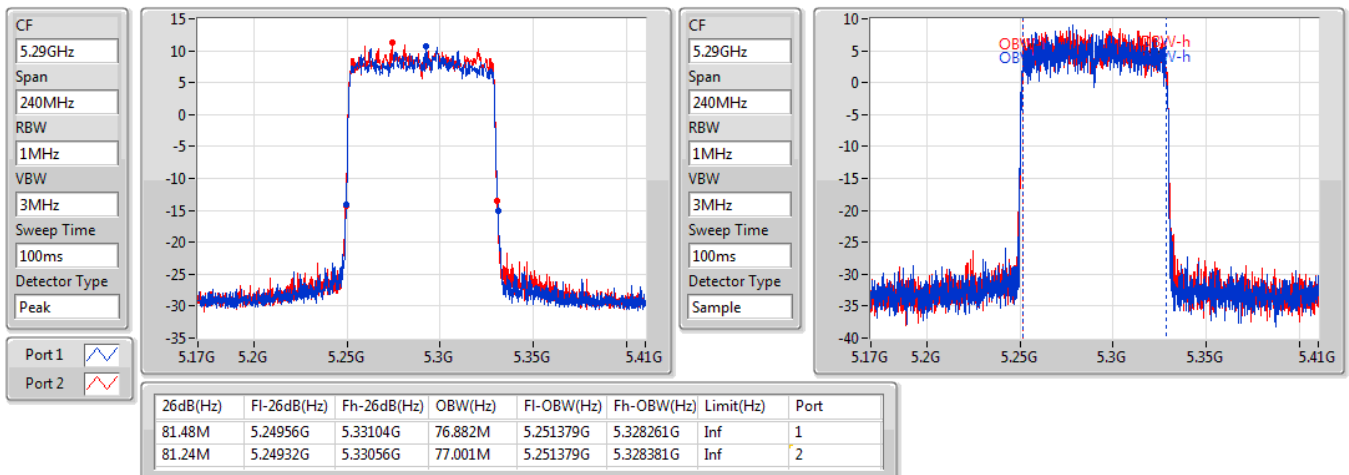


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/11/2019

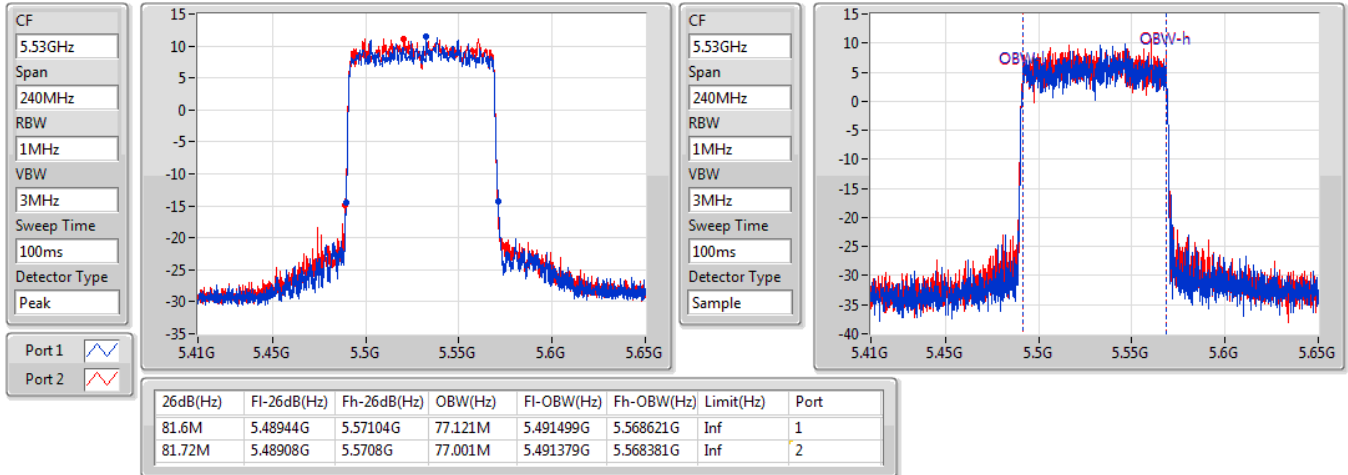

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5290MHz

01/11/2019

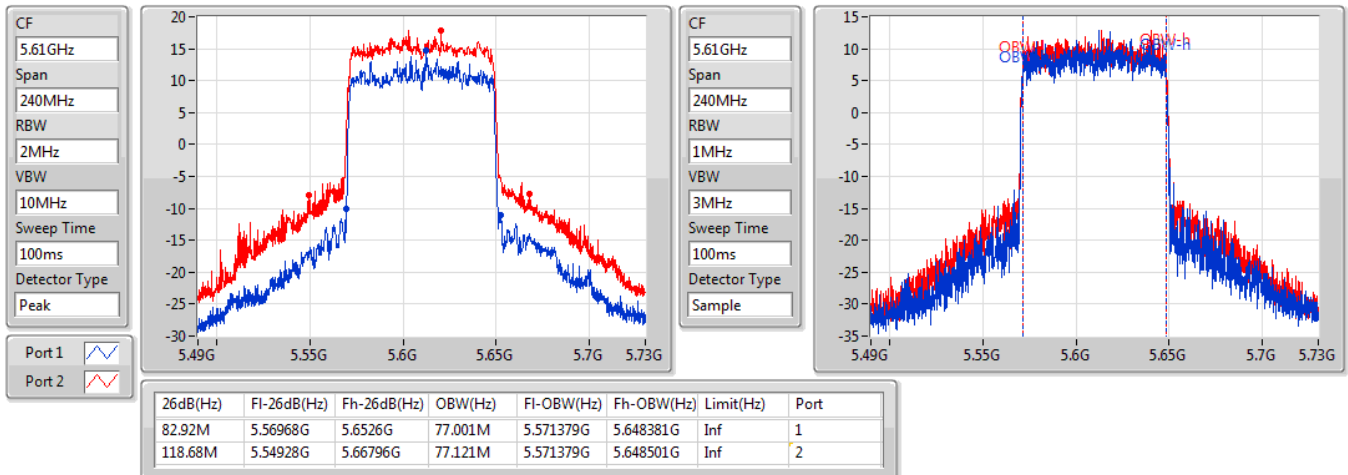


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5530MHz

01/11/2019

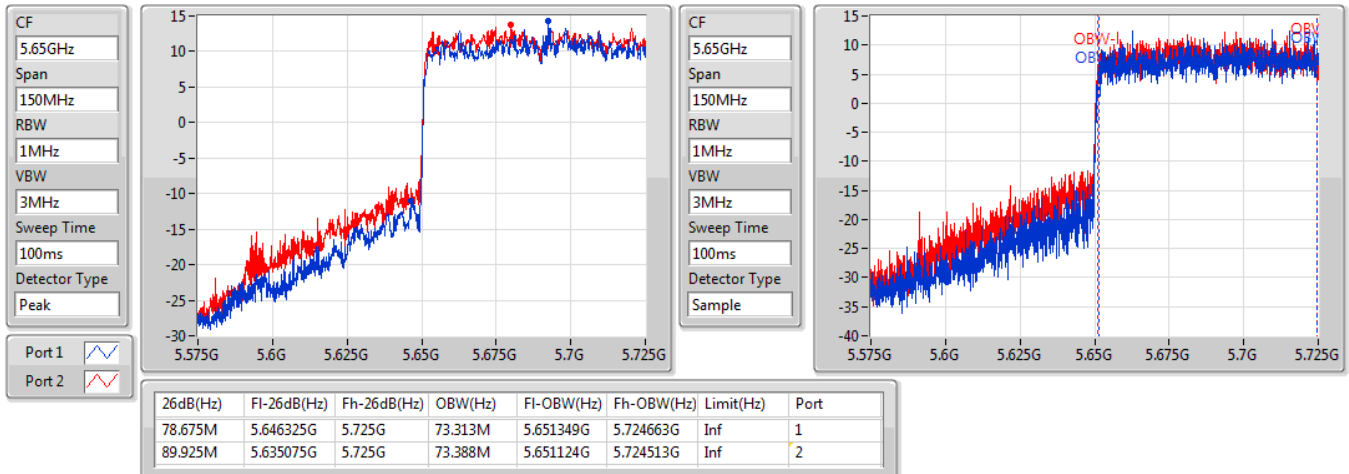

802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5610MHz

01/11/2019

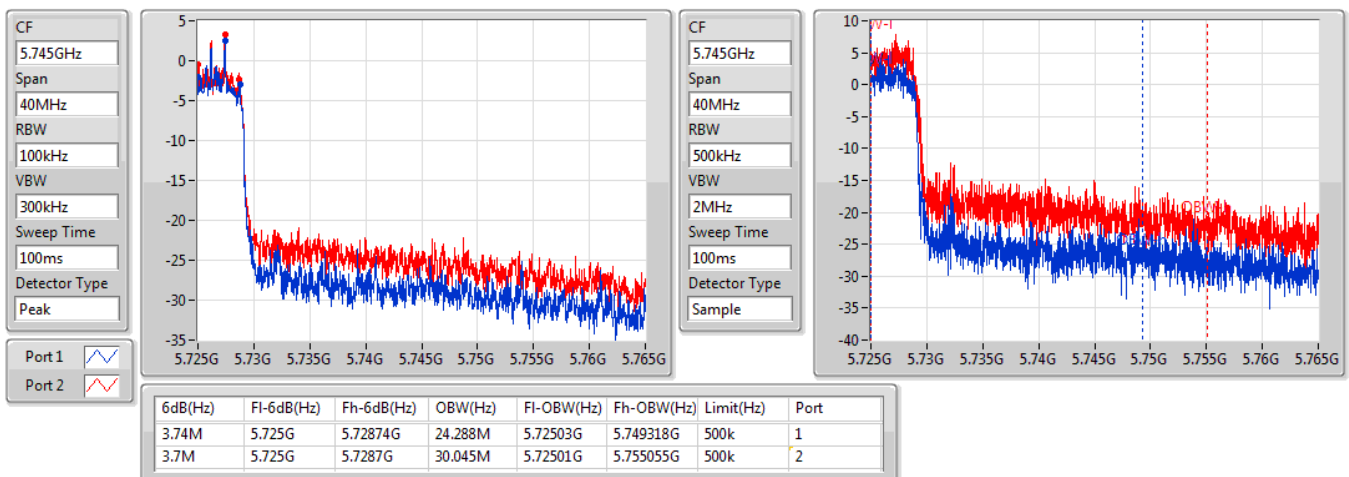


802.11ax HEW80_Nss2,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

01/11/2019


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

01/11/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.81M	17.811M	17M8D1D	21.72M	17.751M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.2M	36.282M	36M3D1D	39.78M	36.222M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.96M	75.682M	75M7D1D	81.24M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.32M	18.981M	19M0D1D	21.51M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.08M	37.661M	37M7D1D	39.84M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.44M	77.241M	77M2D1D	81.96M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.93M	17.841M	17M8D1D	15.855M	13.898M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	41.64M	36.342M	36M3D1D	35M	33.023M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.56M	75.802M	75M8D1D	75.825M	72.489M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.23M	19.01M	19M0D1D	15.795M	14.498M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.82M	37.601M	37M6D1D	34.965M	33.653M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.56M	77.241M	77M2D1D	75.9M	73.163M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.76M	4.378M	4M38D1D	3.74M	4.338M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.12M	4.878M	4M88D1D	3.12M	4.218M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.12M	15.372M	15M4D1D	3.12M	9.575M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.46M	4.518M	4M52D1D	4.44M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.8M	4.358M	4M36D1D	3.72M	4.078M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.76M	13.873M	13M9D1D	3.72M	9.975M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.81M	17.781M	21.81M	17.751M
5300MHz	Pass	Inf	21.75M	17.811M	21.78M	17.781M
5320MHz	Pass	Inf	21.72M	17.811M	21.81M	17.781M
5500MHz	Pass	Inf	21.81M	17.841M	21.72M	17.781M
5580MHz	Pass	Inf	21.81M	17.781M	21.93M	17.781M
5700MHz	Pass	Inf	21.78M	17.781M	21.84M	17.781M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.175M	13.898M	15.855M	13.928M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.378M	3.76M	4.338M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.2M	36.282M	39.78M	36.222M
5310MHz	Pass	Inf	40.2M	36.222M	39.96M	36.282M
5510MHz	Pass	Inf	40.2M	36.282M	39.96M	36.282M
5550MHz	Pass	Inf	40.26M	36.222M	39.9M	36.162M
5670MHz	Pass	Inf	41.64M	36.342M	40.02M	36.342M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	39.13M	33.093M	35M	33.023M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.878M	3.12M	4.218M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	75.682M	81.24M	75.682M
5530MHz	Pass	Inf	82.2M	75.802M	81.48M	75.682M
5610MHz	Pass	Inf	82.56M	75.802M	81.6M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	72.564M	75.825M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	15.372M	3.12M	9.575M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.32M	18.981M	22.23M	18.951M
5300MHz	Pass	Inf	21.72M	18.981M	21.51M	18.981M
5320MHz	Pass	Inf	21.9M	18.981M	21.6M	18.981M
5500MHz	Pass	Inf	21.81M	18.951M	21.57M	18.951M
5580MHz	Pass	Inf	22.23M	19.01M	21.6M	19.01M
5700MHz	Pass	Inf	21.66M	19.01M	21.48M	18.981M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.513M	15.81M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.518M	4.46M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.481M	39.84M	37.601M
5310MHz	Pass	Inf	40.02M	37.541M	39.9M	37.661M
5510MHz	Pass	Inf	40.02M	37.541M	39.84M	37.541M
5550MHz	Pass	Inf	39.96M	37.541M	39.84M	37.541M
5670MHz	Pass	Inf	41.82M	37.601M	39.96M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.965M	33.688M	34.965M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.358M	3.8M	4.078M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.241M	81.96M	77.121M
5530MHz	Pass	Inf	82.08M	77.121M	82.08M	77.001M
5610MHz	Pass	Inf	82.56M	77.241M	81.72M	77.121M

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	75.9M	73.313M	75.9M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	13.873M	3.76M	9.975M

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;