

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	35.7M	19.7M	19M7D1D	21.3M	16.672M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	47.82M	36.882M	36M9D1D	39.54M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.64M	75.682M	75M7D1D	80.52M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	43.41M	20.48M	20M5D1D	21.33M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	54.36M	37.781M	37M8D1D	40.02M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.96M	77.241M	77M2D1D	81.24M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.58M	18.861M	18M9D1D	17.55M	18.171M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.3M	53.613M	53M6D1D	36.06M	40.96M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.84M	76.522M	76M5D1D	53.52M	76.522M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.99M	19.46M	19M5D1D	18.63M	19.28M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.68M	49.955M	50M0D1D	35.04M	38.381M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.68M	77.961M	78M0D1D	75.96M	77.841M

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	21.3M	16.822M	21.3M	16.672M
5200MHz	Pass	Inf	35.7M	19.7M	34.32M	18.081M
5240MHz	Pass	Inf	34.56M	17.901M	30.18M	17.241M
5745MHz	Pass	500k	17.55M	18.261M	17.58M	18.171M
5785MHz	Pass	500k	17.55M	18.861M	17.55M	18.561M
5825MHz	Pass	500k	17.58M	18.831M	17.58M	18.441M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	36.462M	39.54M	36.402M
5230MHz	Pass	Inf	47.82M	36.882M	45.18M	36.582M
5755MHz	Pass	500k	36.3M	46.717M	36.24M	40.96M
5795MHz	Pass	500k	36.3M	53.613M	36.06M	46.237M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.64M	75.682M	80.52M	75.682M
5775MHz	Pass	500k	53.52M	76.522M	75.84M	76.522M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	19.07M	21.33M	19.01M
5200MHz	Pass	Inf	43.41M	20.48M	43.05M	19.61M
5240MHz	Pass	Inf	43.14M	19.52M	32.31M	19.22M
5745MHz	Pass	500k	18.69M	19.31M	18.63M	19.28M
5785MHz	Pass	500k	18.84M	19.46M	18.99M	19.4M
5825MHz	Pass	500k	18.87M	19.43M	18.9M	19.37M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.38M	37.601M	40.02M	37.481M
5230MHz	Pass	Inf	54.36M	37.781M	41.7M	37.601M
5755MHz	Pass	500k	37.56M	42.279M	35.04M	38.381M
5795MHz	Pass	500k	37.68M	49.955M	37.5M	41.319M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.96M	77.241M	81.24M	77.001M
5775MHz	Pass	500k	76.68M	77.961M	75.96M	77.841M

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

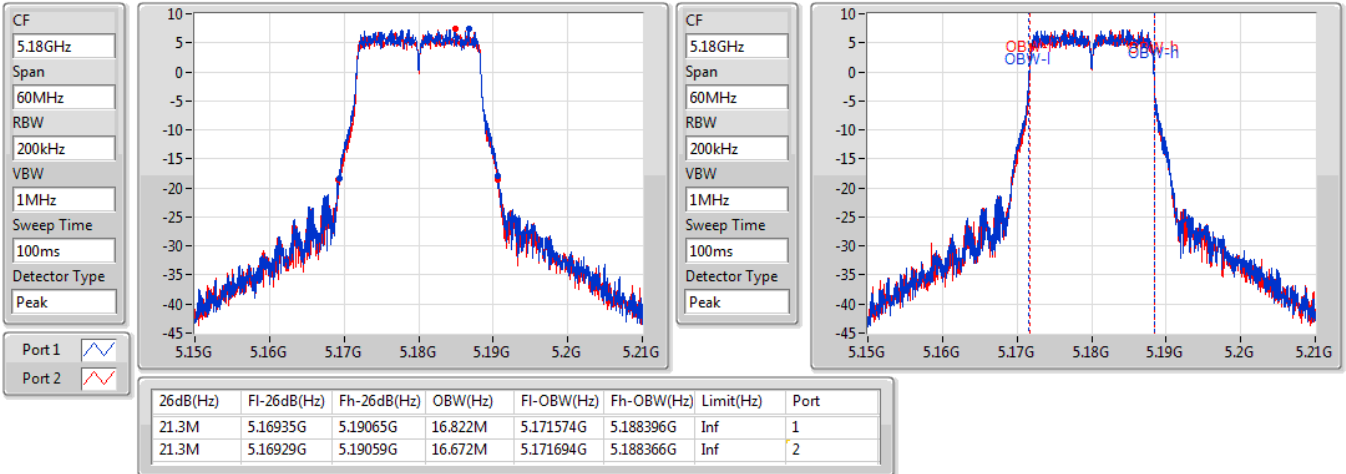
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

22/02/2020

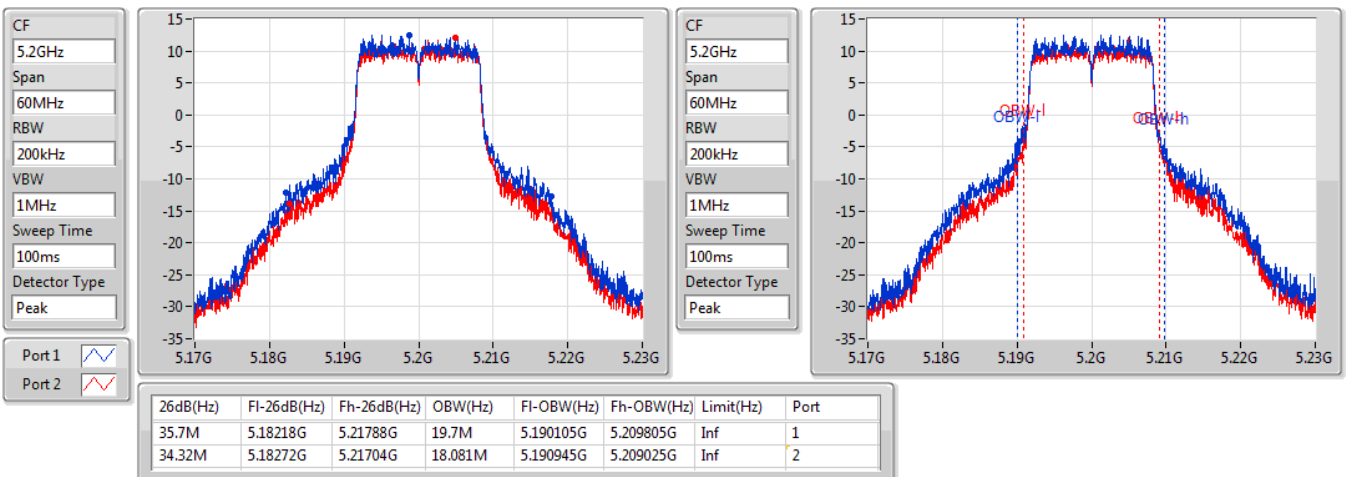


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

22/02/2020

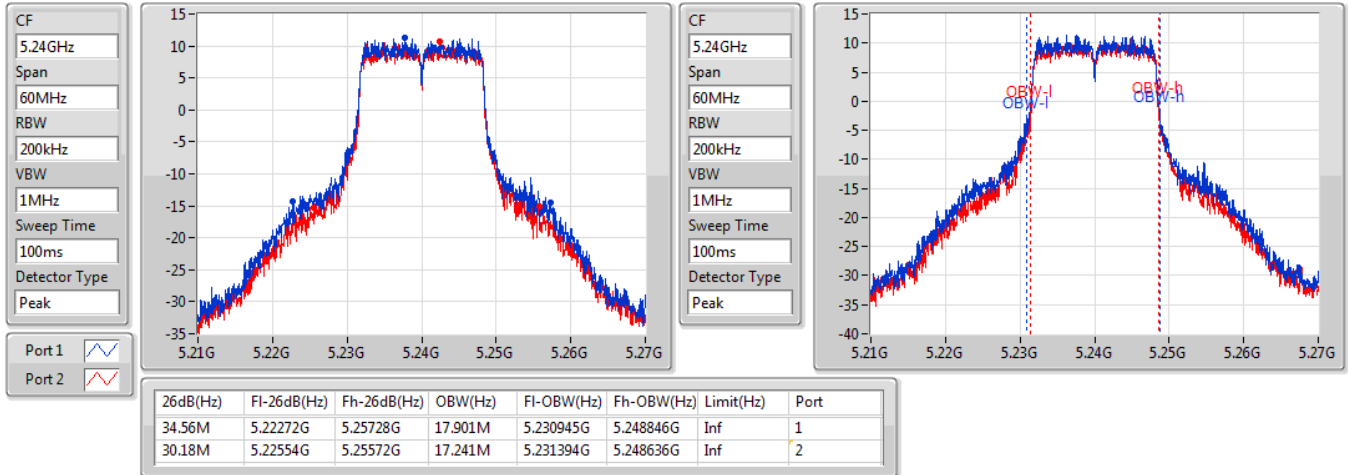


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

22/02/2020

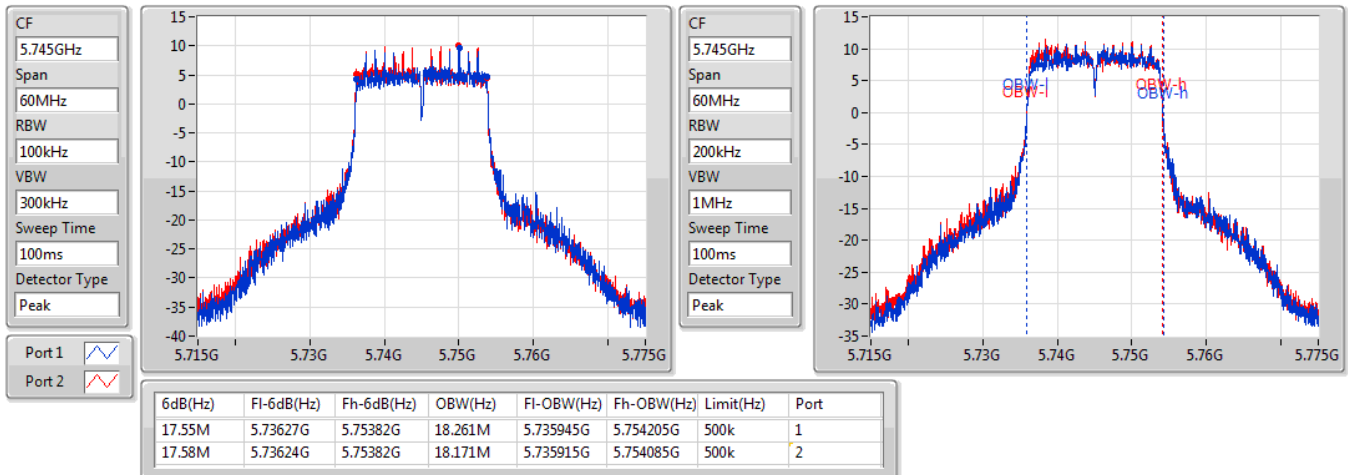


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

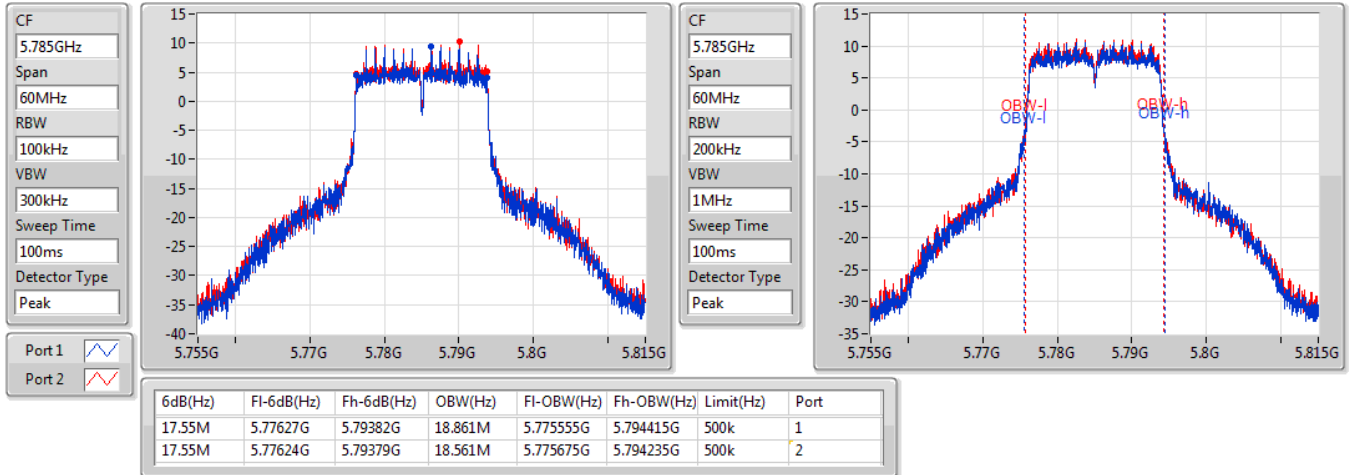


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

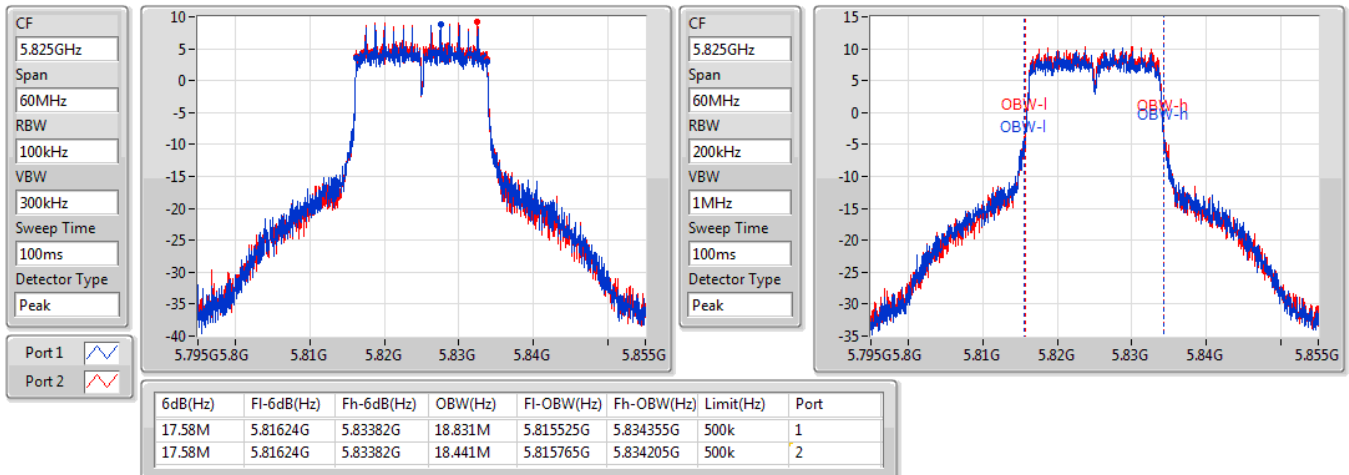


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

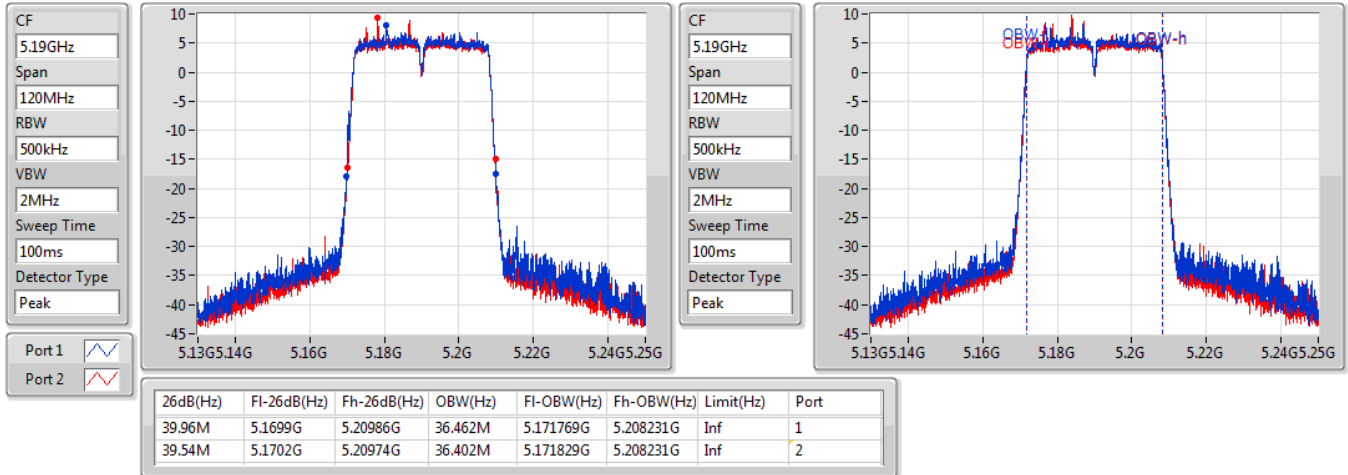


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

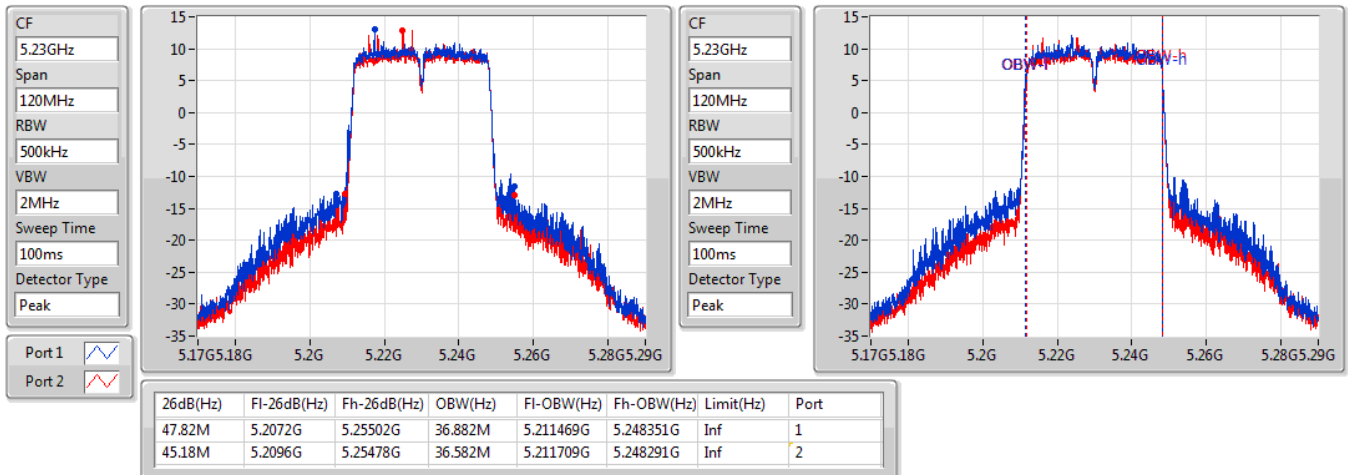


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

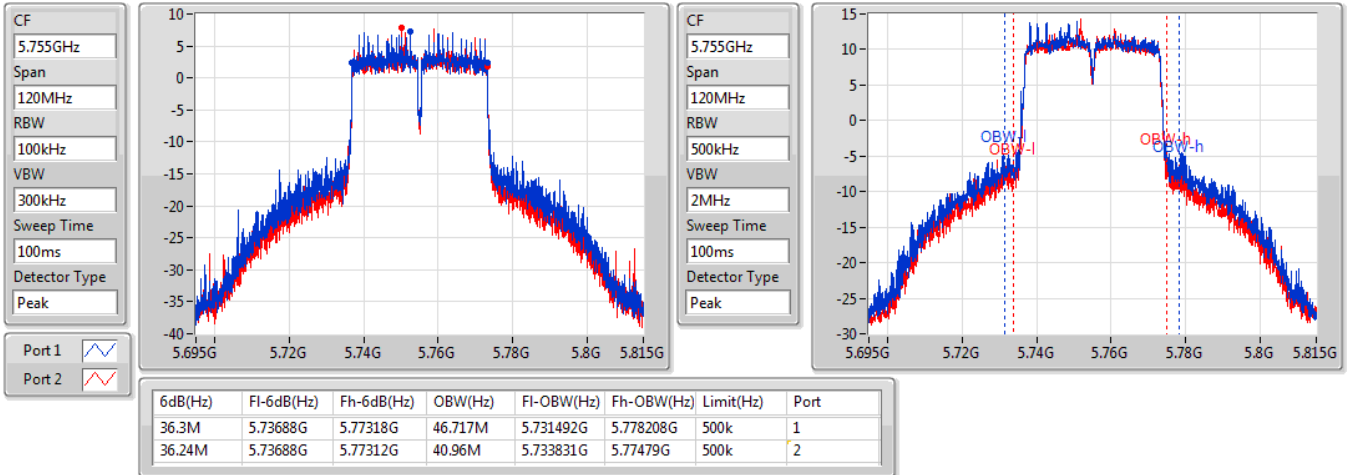


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

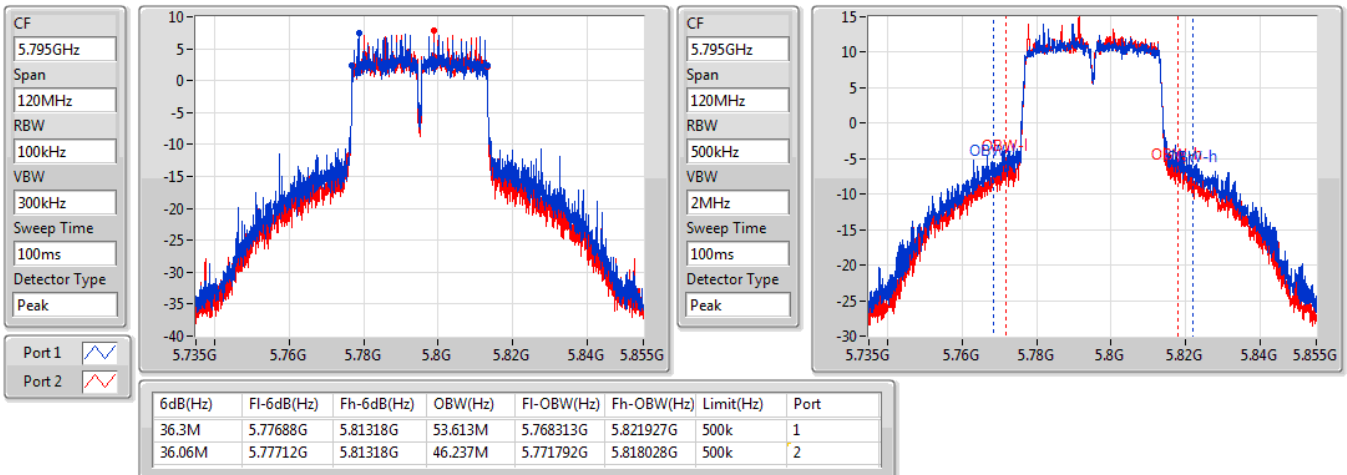


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

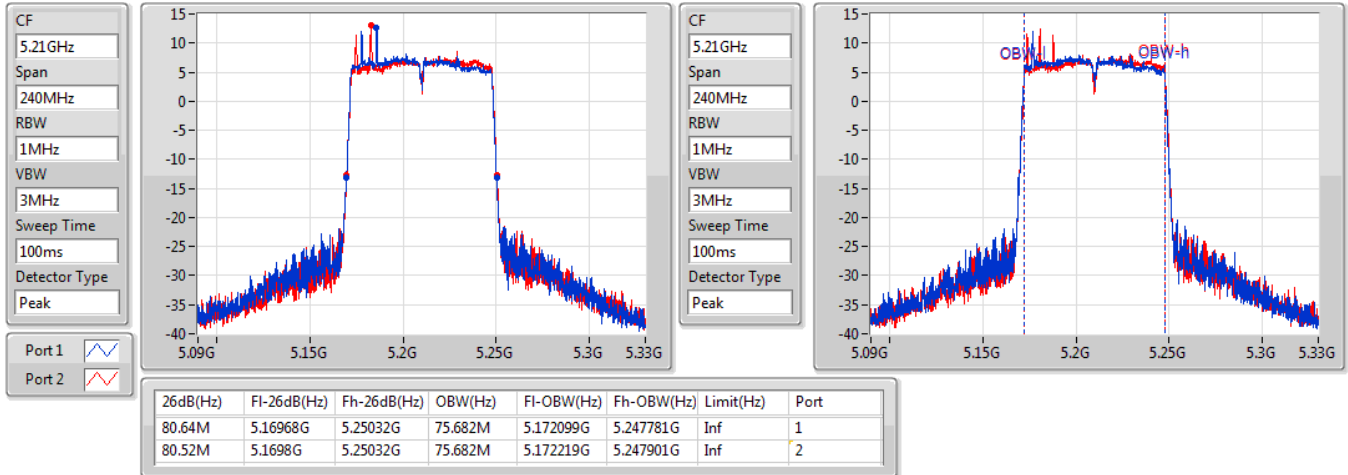


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

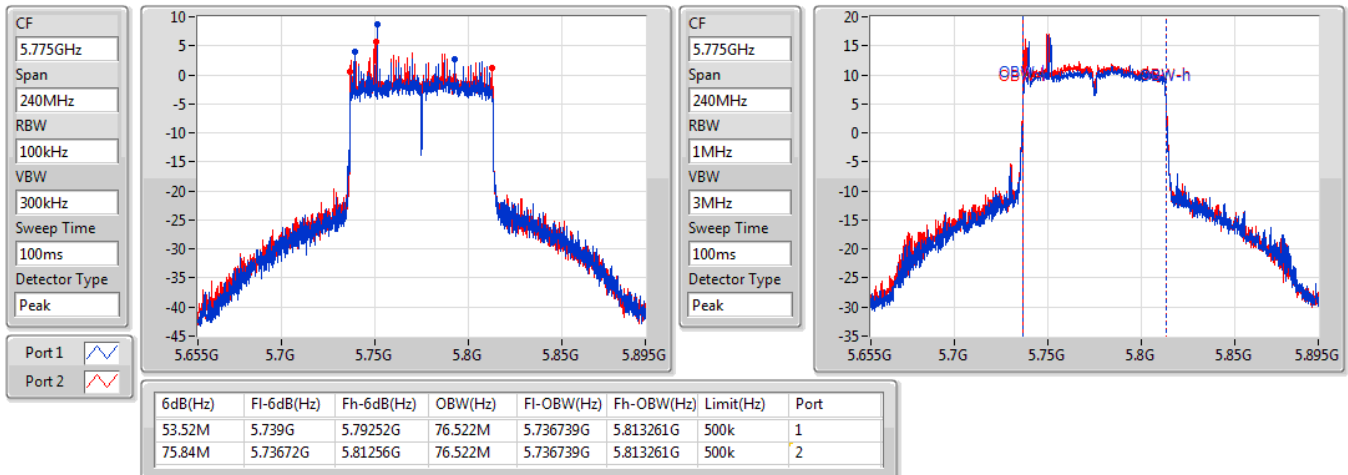


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020

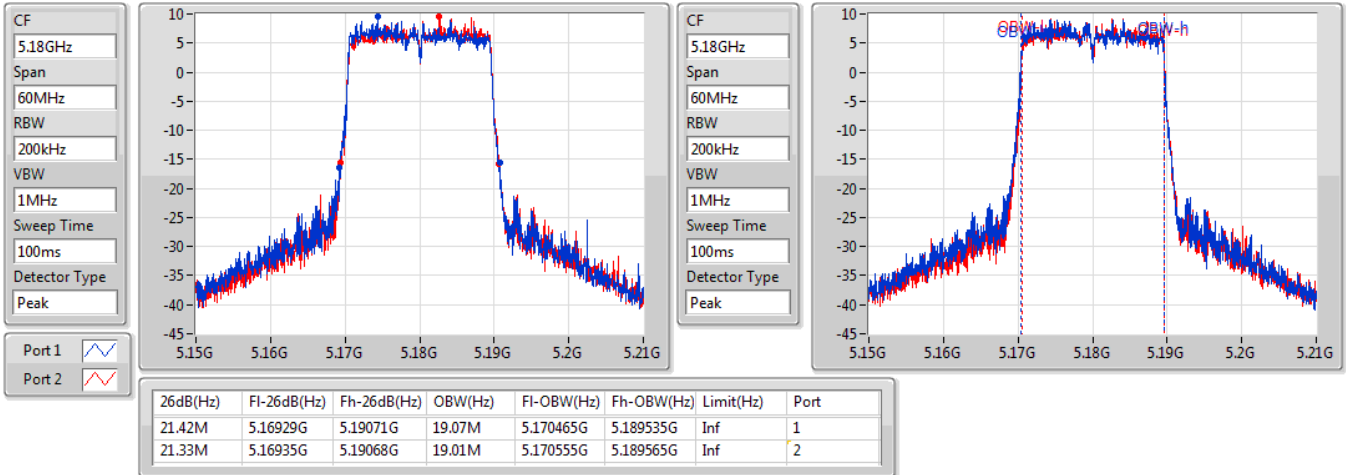


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

22/02/2020

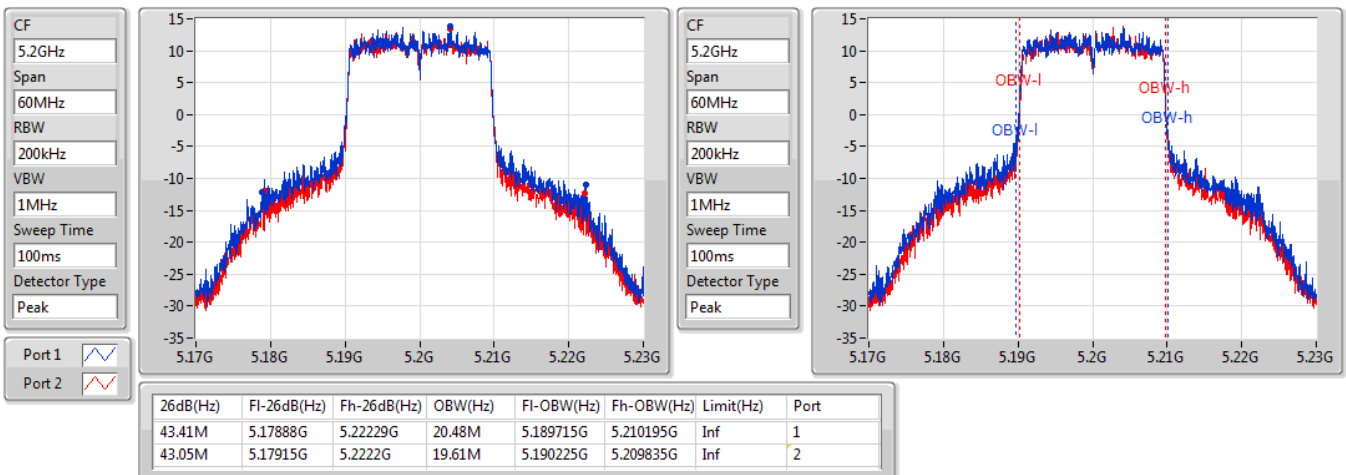


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

22/02/2020

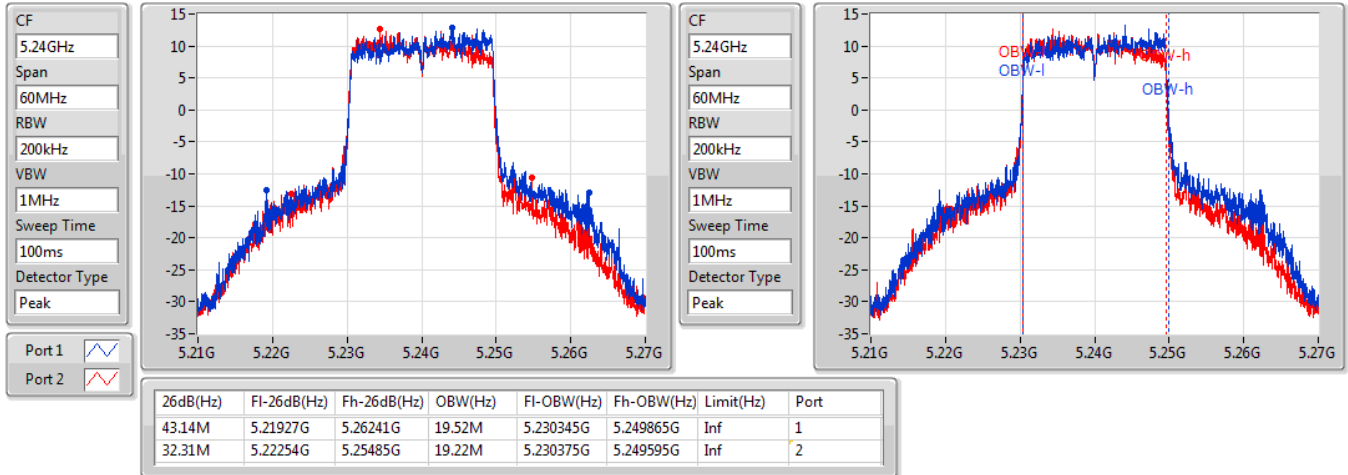


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

22/02/2020

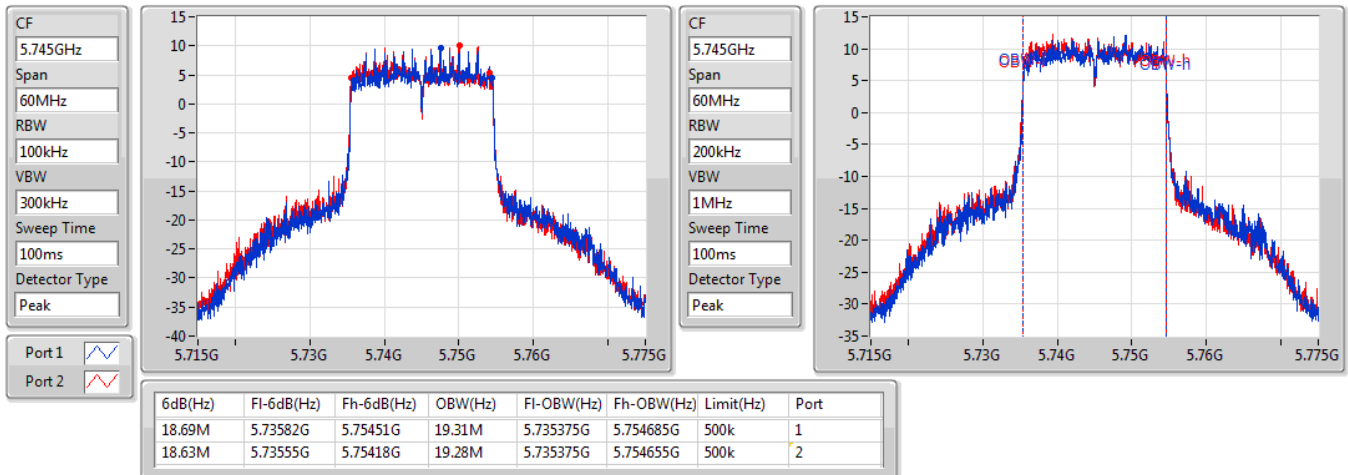


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

22/02/2020

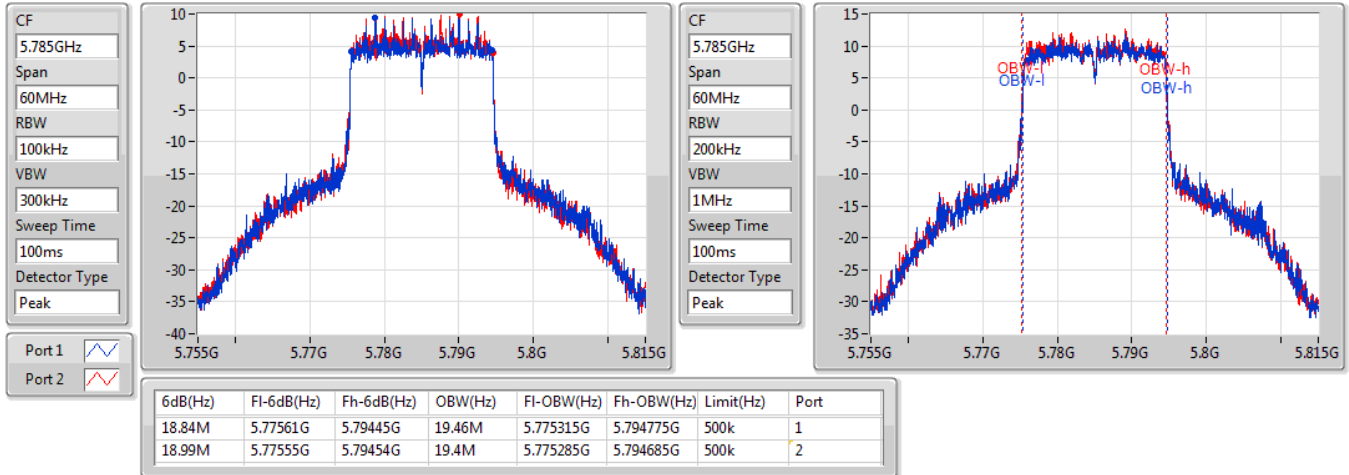


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

22/02/2020

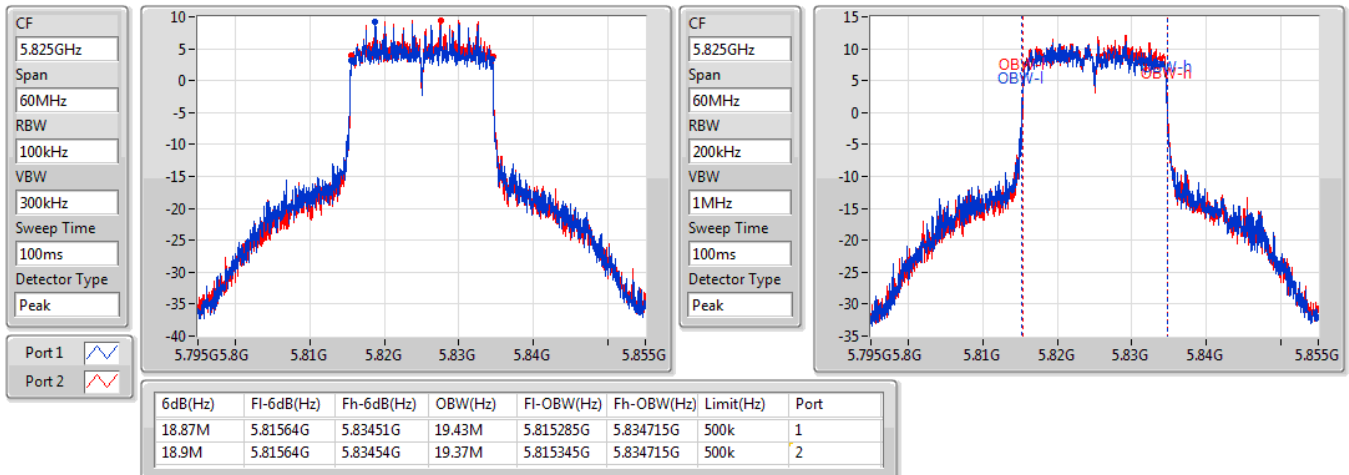


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

22/02/2020

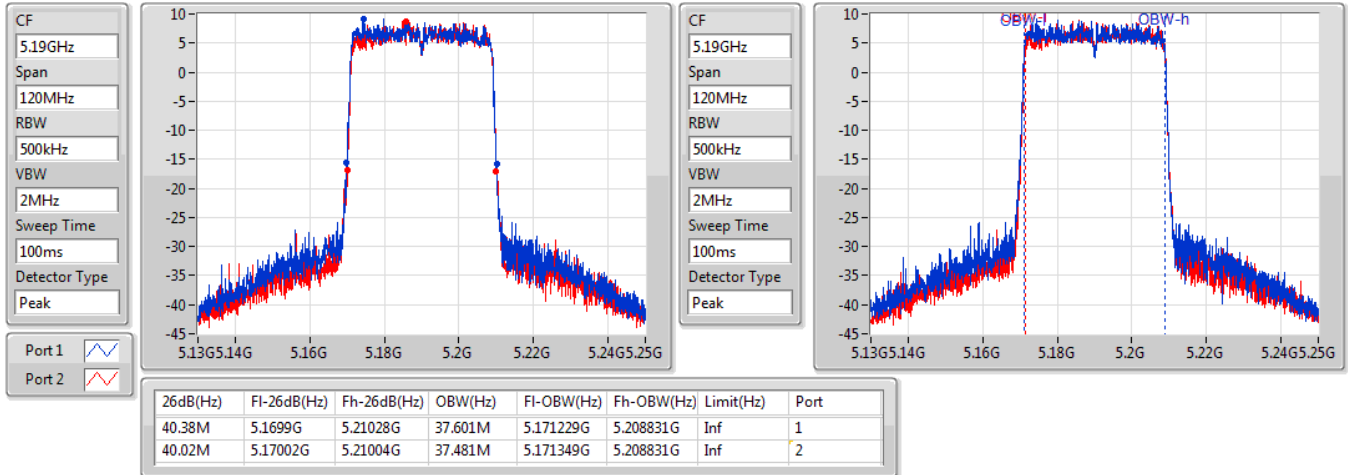


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

22/02/2020

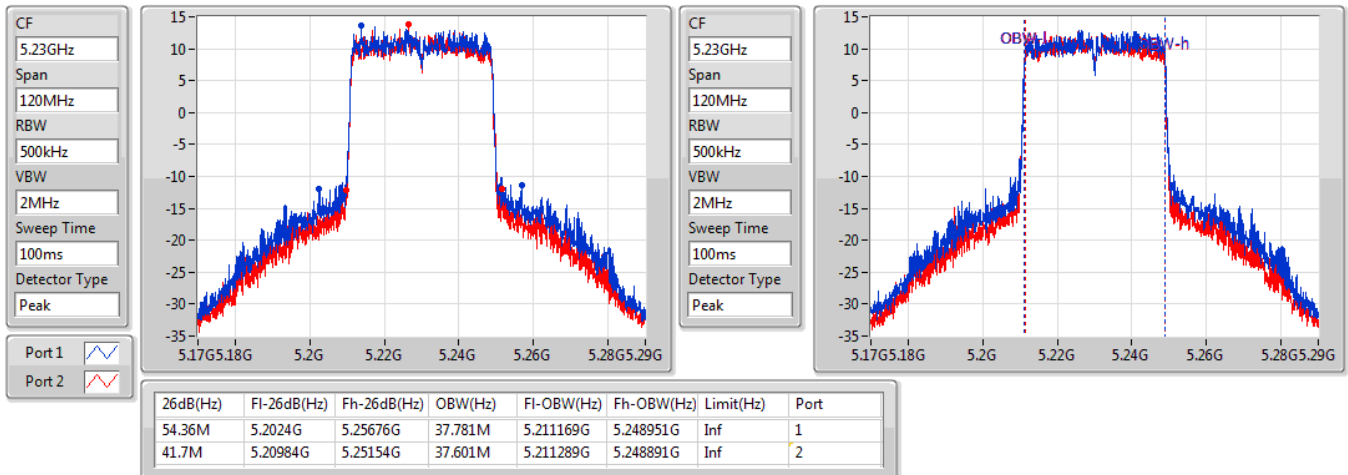


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

22/02/2020

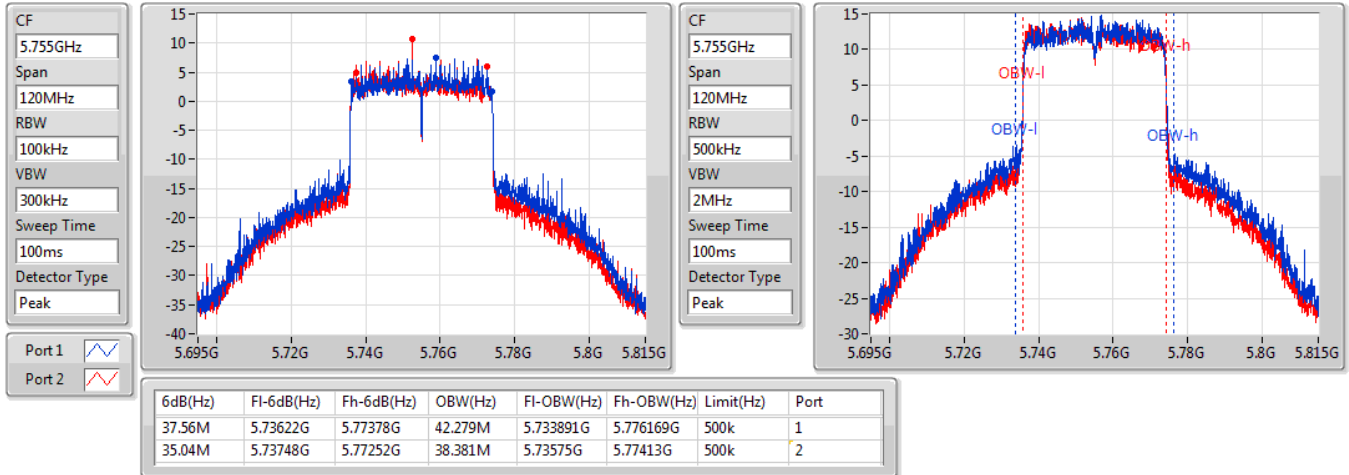


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

22/02/2020

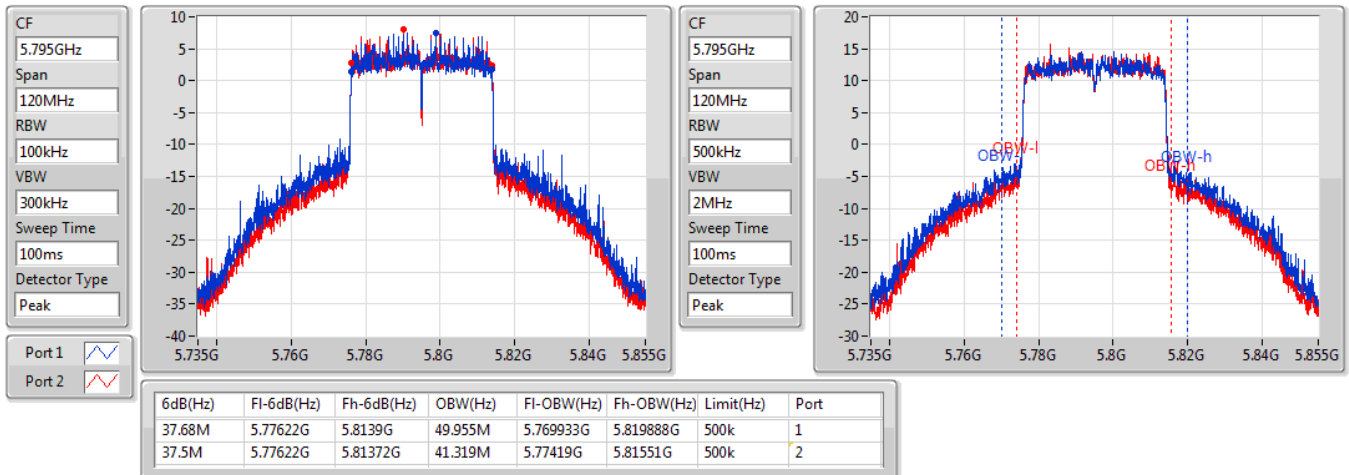


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

22/02/2020

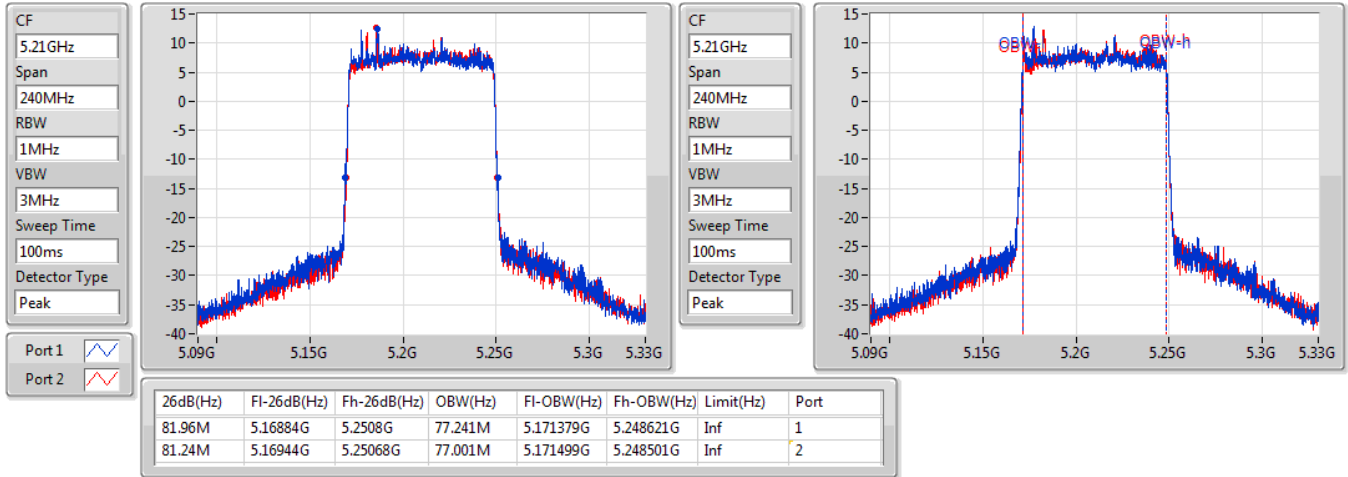


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

22/02/2020

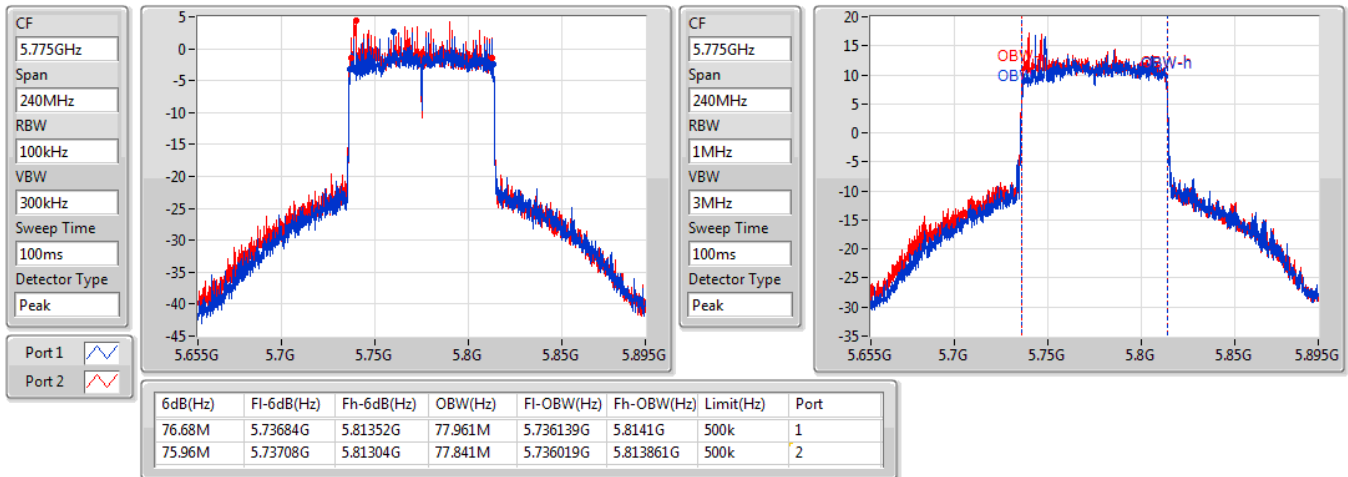


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

22/02/2020



**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	26.7M	18.051M	18M1D1D	21.33M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	40.32M	36.522M	36M5D1D	39.66M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.76M	75.682M	75M7D1D	80.4M	75.562M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.65M	19.13M	19M1D1D	21.33M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.26M	37.601M	37M6D1D	39.9M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.241M	77M2D1D	80.76M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.58M	18.441M	18M4D1D	17.52M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.3M	37.901M	37M9D1D	35.1M	36.882M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.72M	76.642M	76M6D1D	73.68M	76.162M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.02M	19.46M	19M5D1D	18.72M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.14M	38.141M	38M1D1D	35.1M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.2M	77.241M	77M2D1D	75M	77.001M

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	21.51M	17.931M	21.33M	17.841M
5200MHz	Pass	Inf	25.35M	17.961M	25.89M	17.931M
5240MHz	Pass	Inf	26.7M	18.051M	26.28M	17.991M
5745MHz	Pass	500k	17.58M	18.381M	17.52M	18.411M
5785MHz	Pass	500k	17.58M	18.441M	17.55M	18.411M
5825MHz	Pass	500k	17.58M	17.901M	17.58M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	36.402M	39.66M	36.402M
5230MHz	Pass	Inf	39.84M	36.522M	40.32M	36.462M
5755MHz	Pass	500k	35.34M	36.882M	35.88M	36.942M
5795MHz	Pass	500k	36.3M	37.901M	35.1M	37.061M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.76M	75.562M	80.4M	75.682M
5775MHz	Pass	500k	73.68M	76.642M	75.72M	76.162M
802.11ac HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.36M	19.07M	21.33M	19.04M
5200MHz	Pass	Inf	21.54M	19.07M	24.84M	19.13M
5240MHz	Pass	Inf	25.32M	19.1M	28.65M	19.13M
5745MHz	Pass	500k	18.72M	19.37M	18.9M	19.46M
5785MHz	Pass	500k	18.87M	19.37M	18.93M	19.46M
5825MHz	Pass	500k	18.78M	19.01M	19.02M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.601M	40.14M	37.601M
5230MHz	Pass	Inf	39.9M	37.541M	40.2M	37.601M
5755MHz	Pass	500k	36.96M	37.781M	37.14M	37.781M
5795MHz	Pass	500k	35.1M	38.141M	37.08M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.241M	80.76M	76.642M
5775MHz	Pass	500k	76.2M	77.241M	75M	77.001M

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

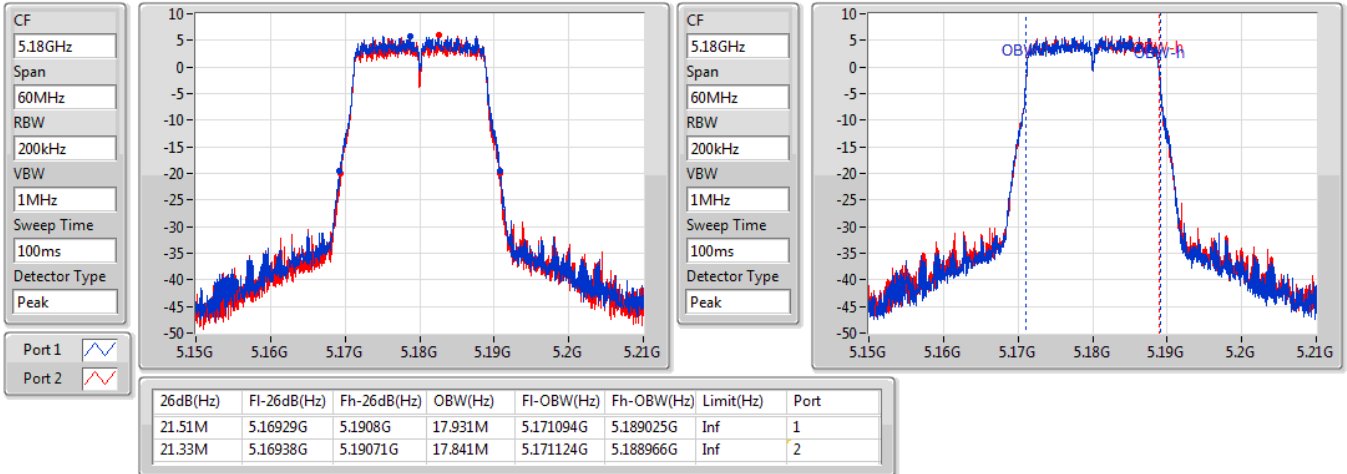
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

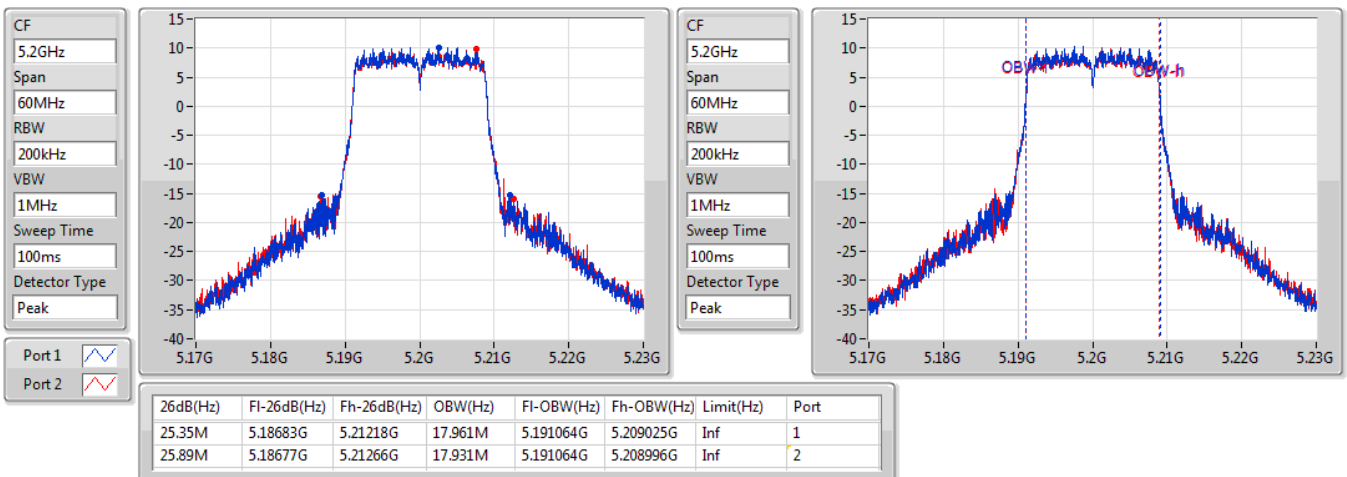


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

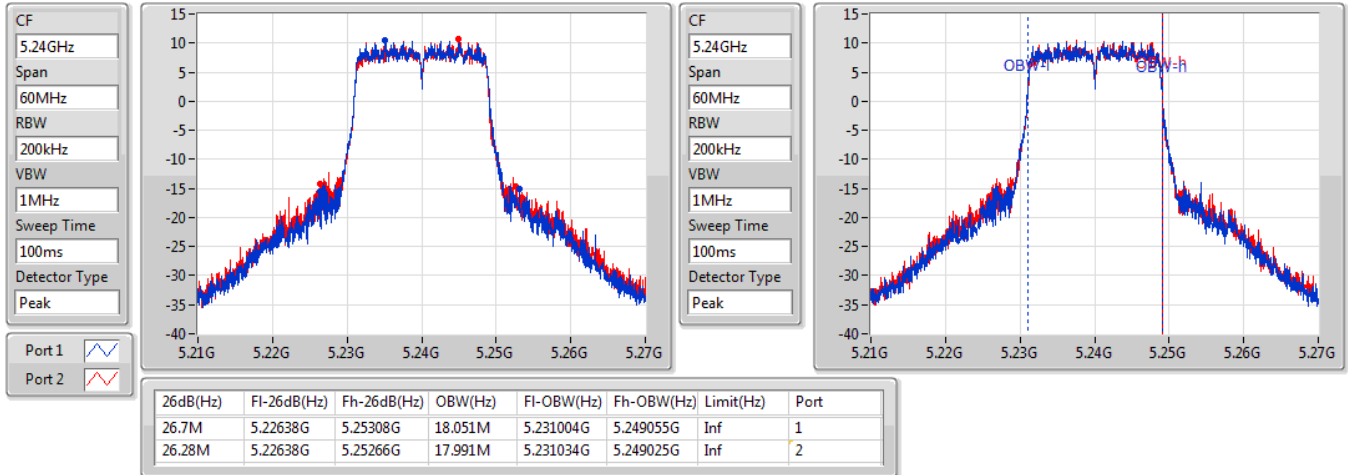


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

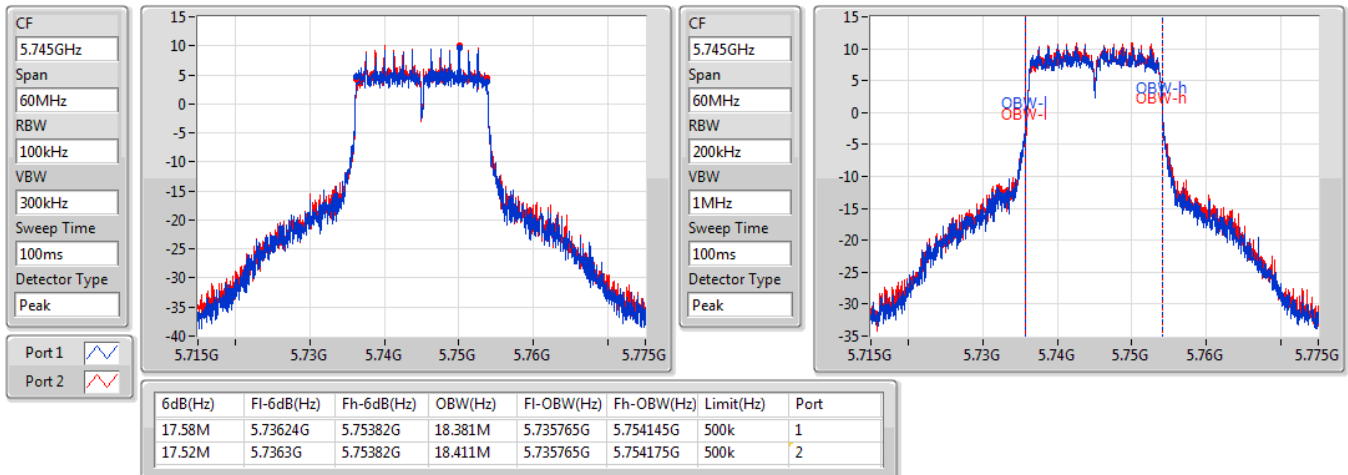


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

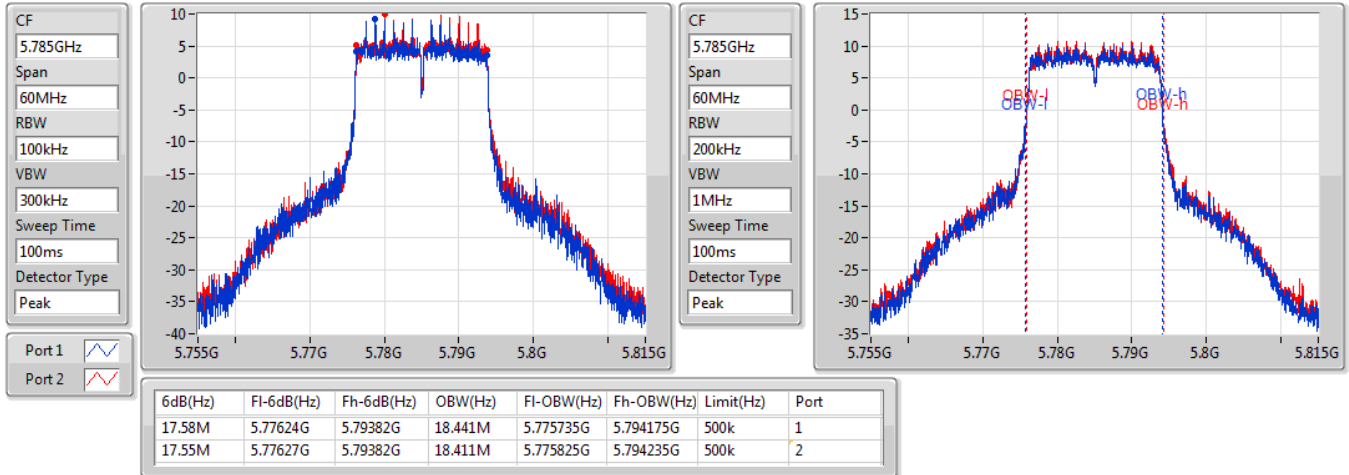


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

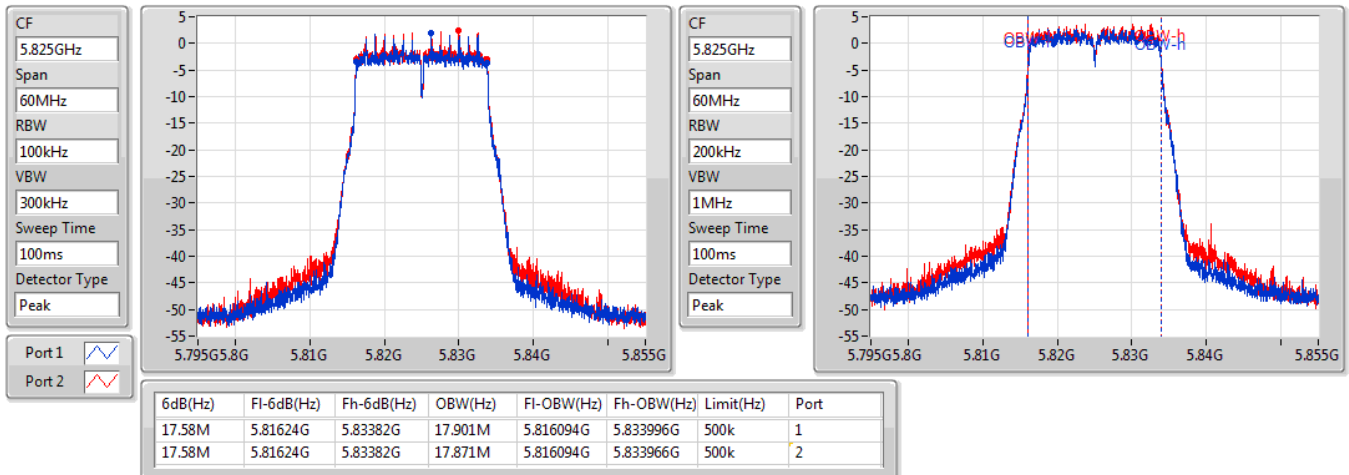


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

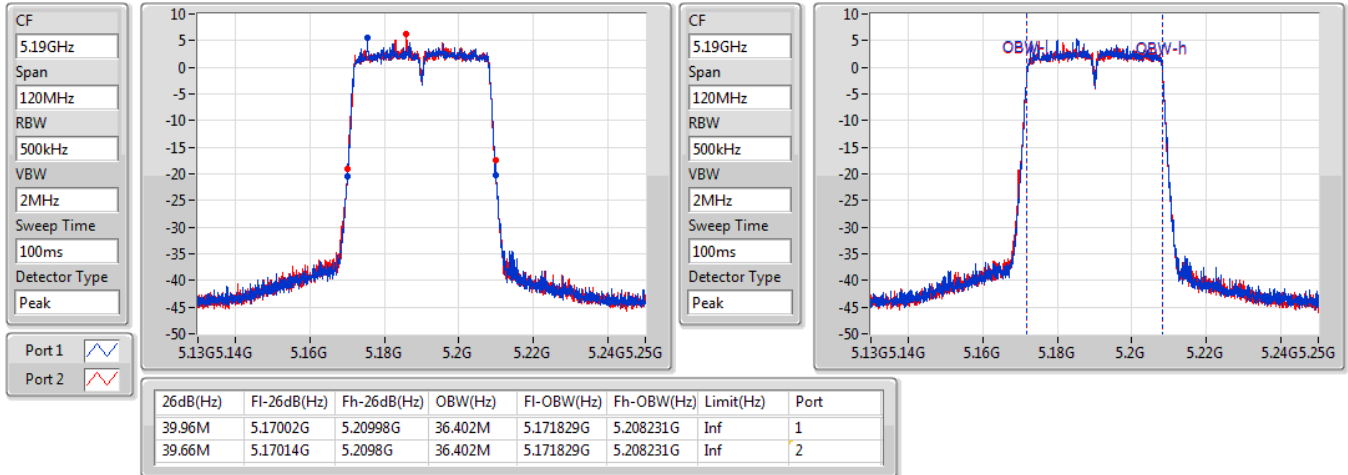


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

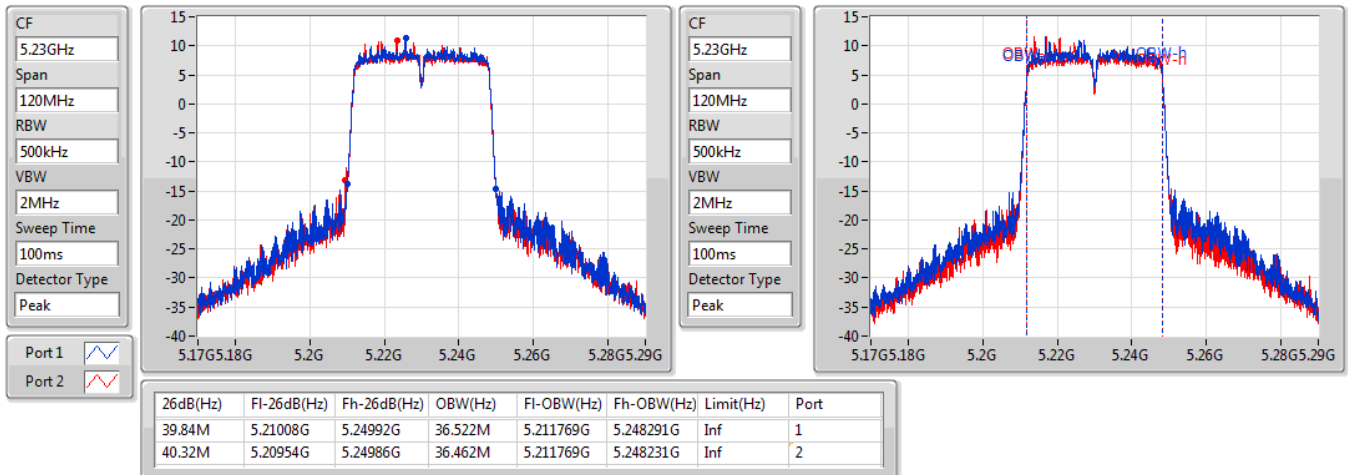


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

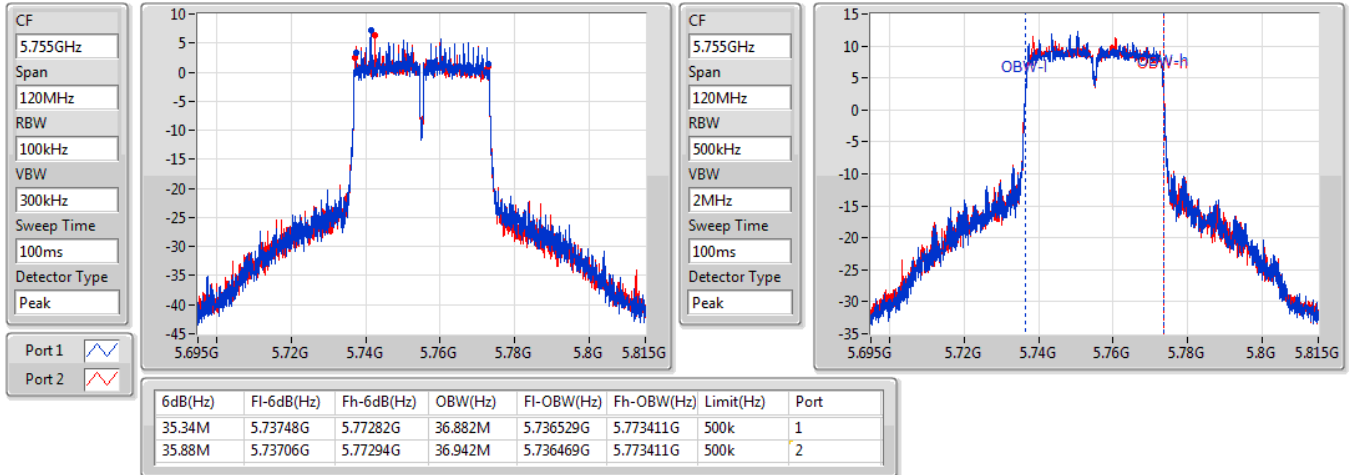


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

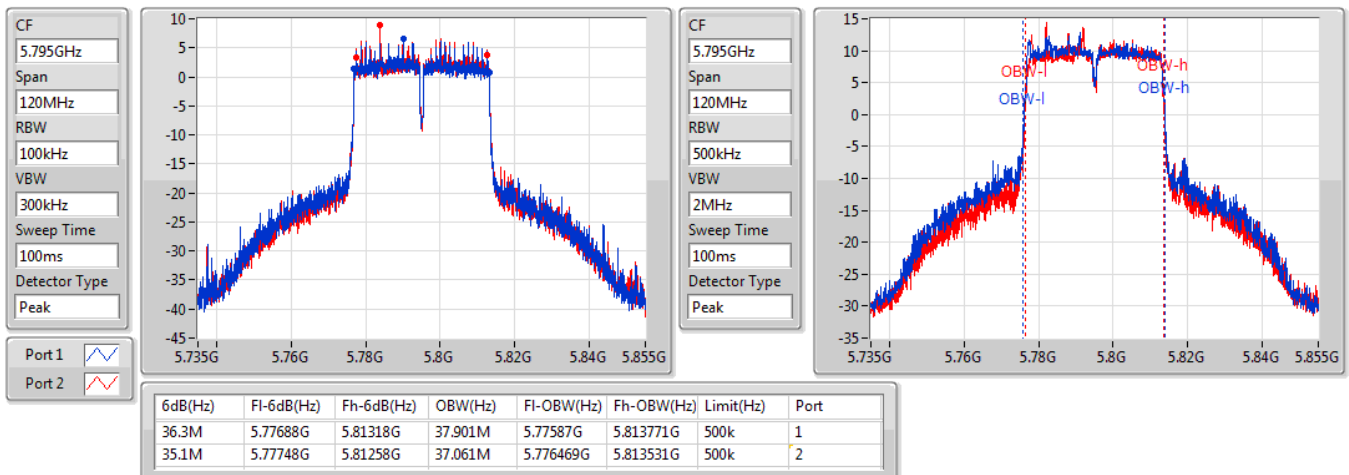


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

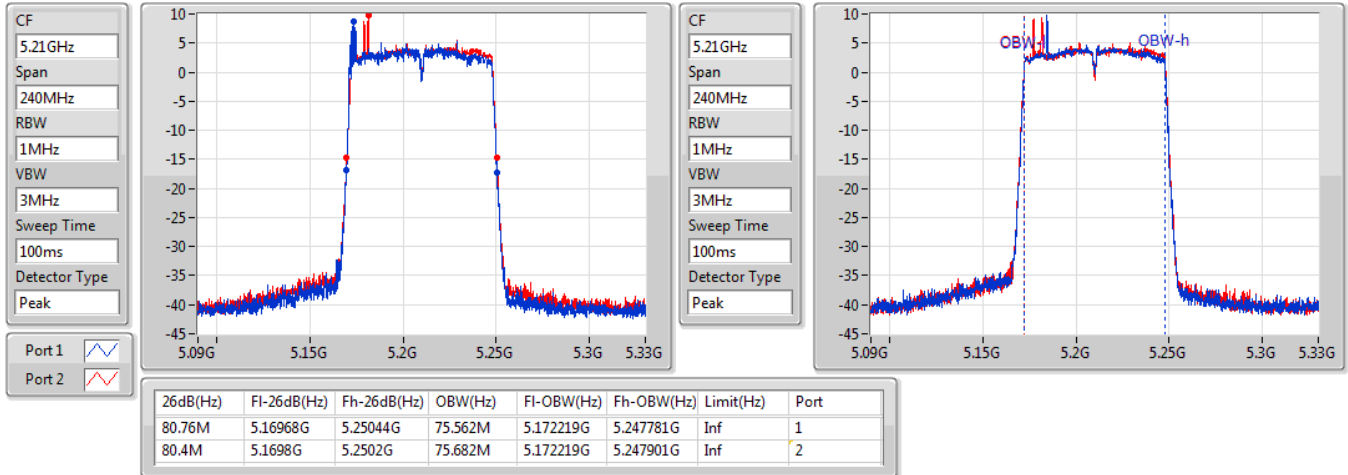


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

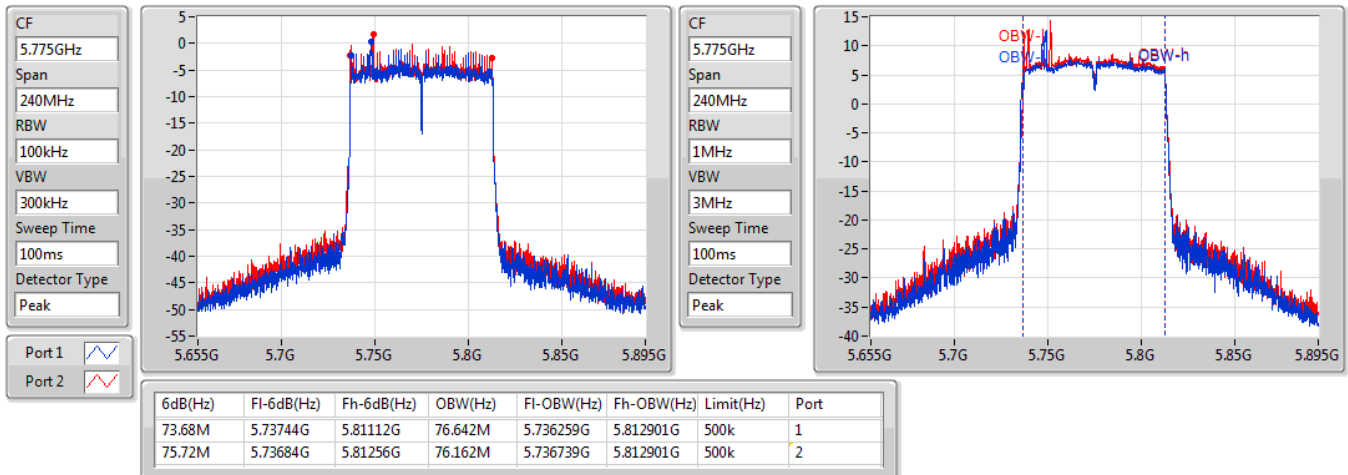


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020

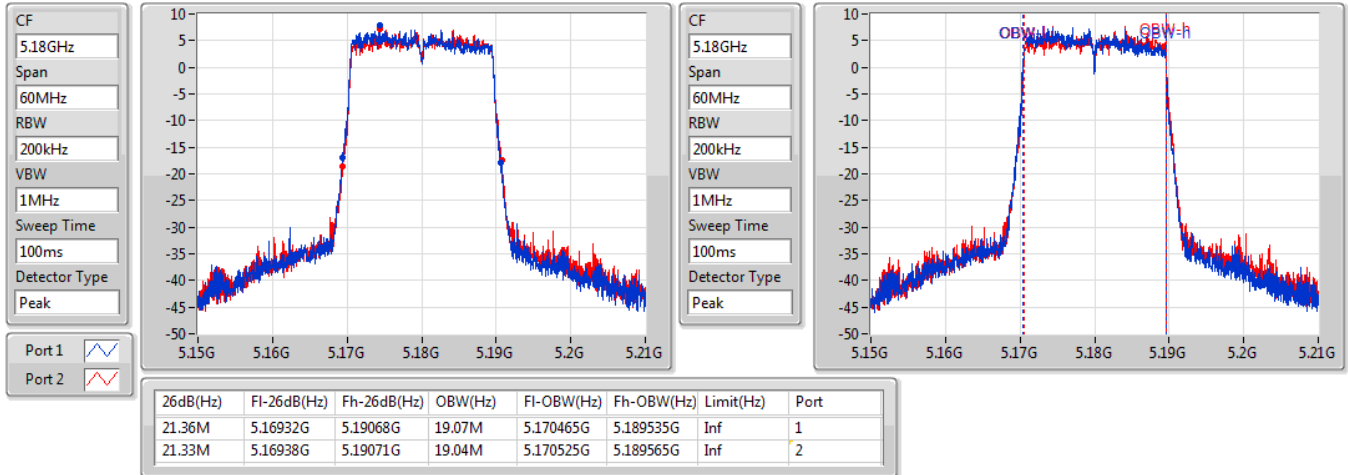


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

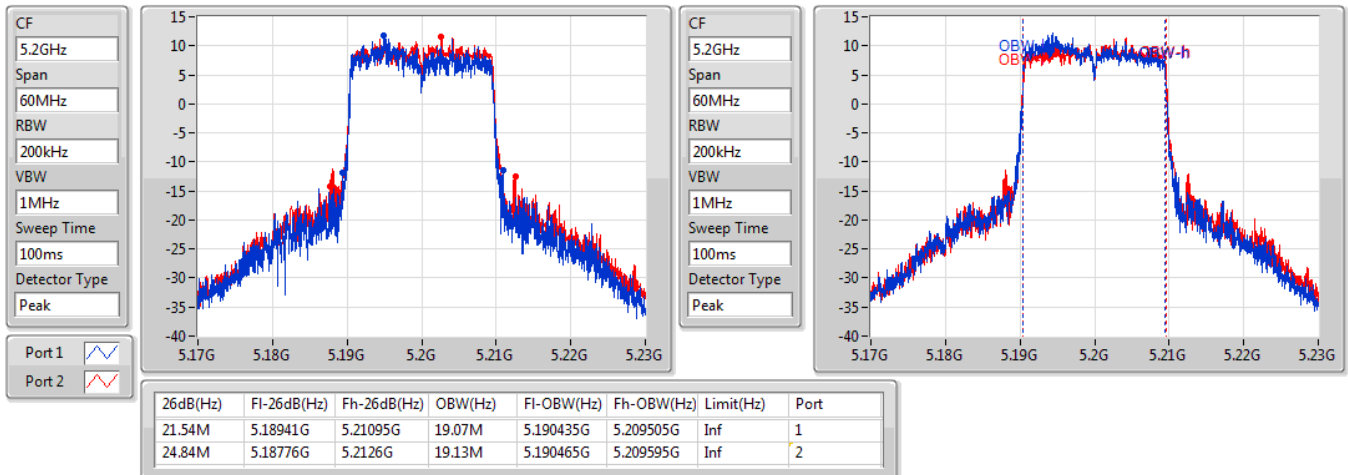


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

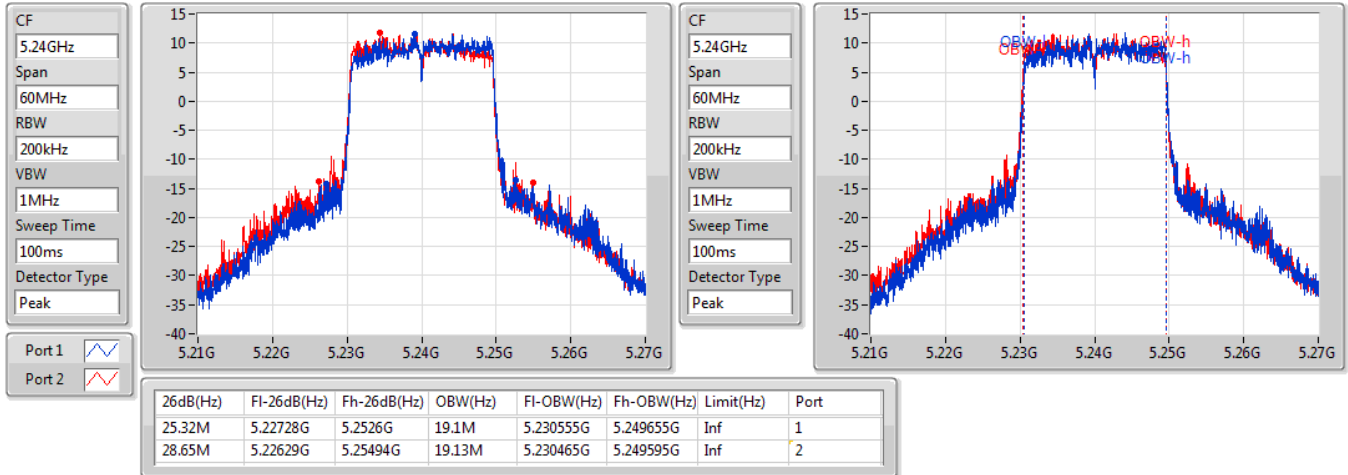


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

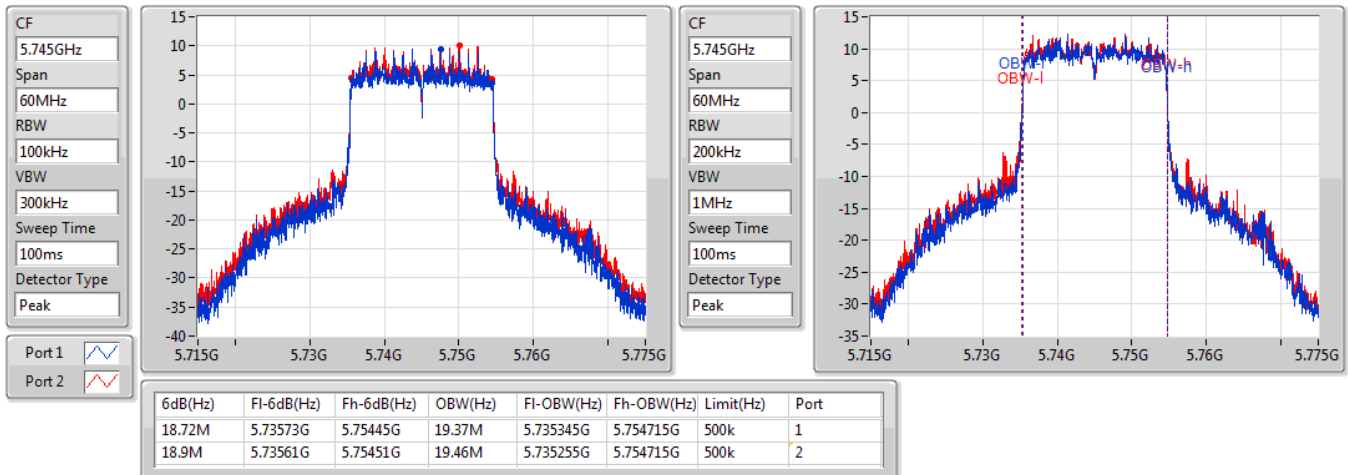


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

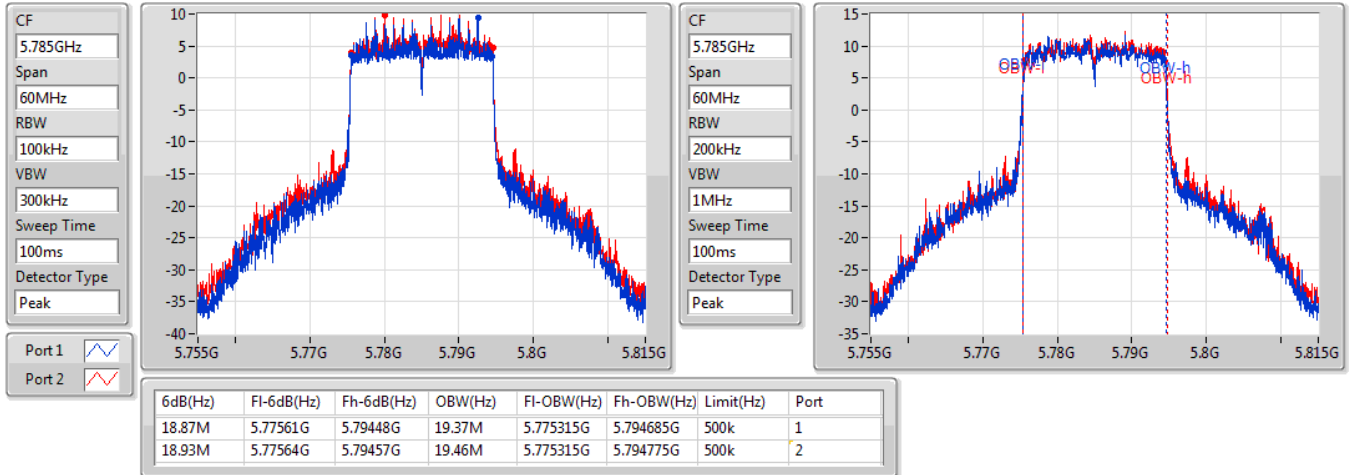


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

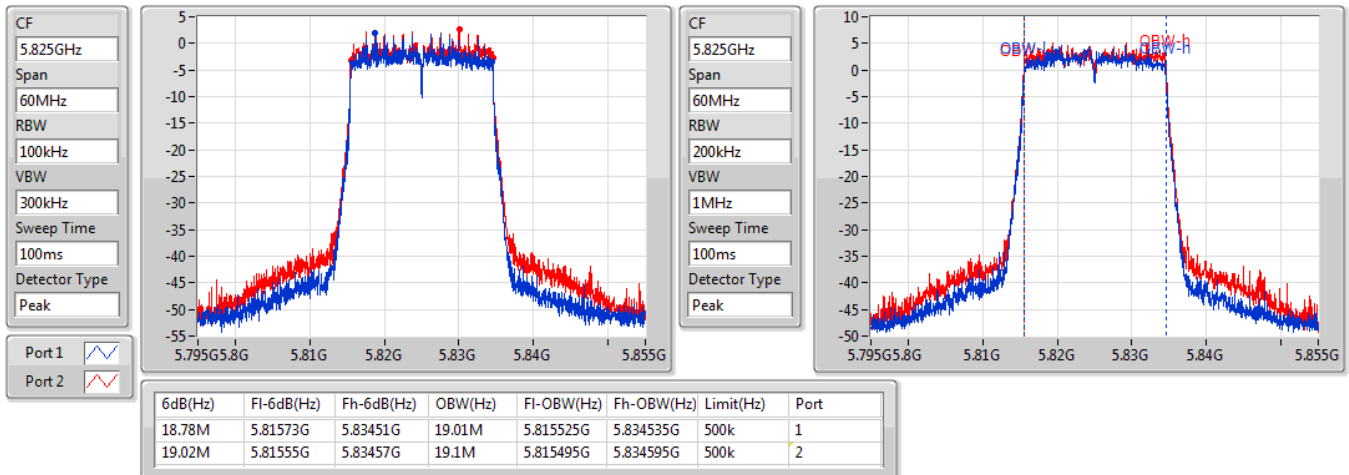


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

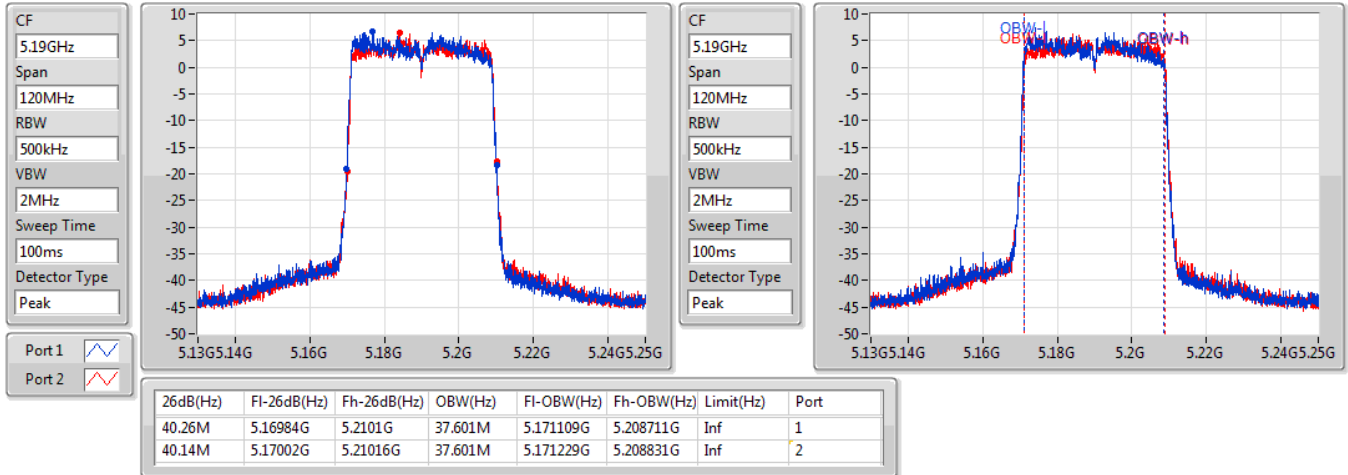


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

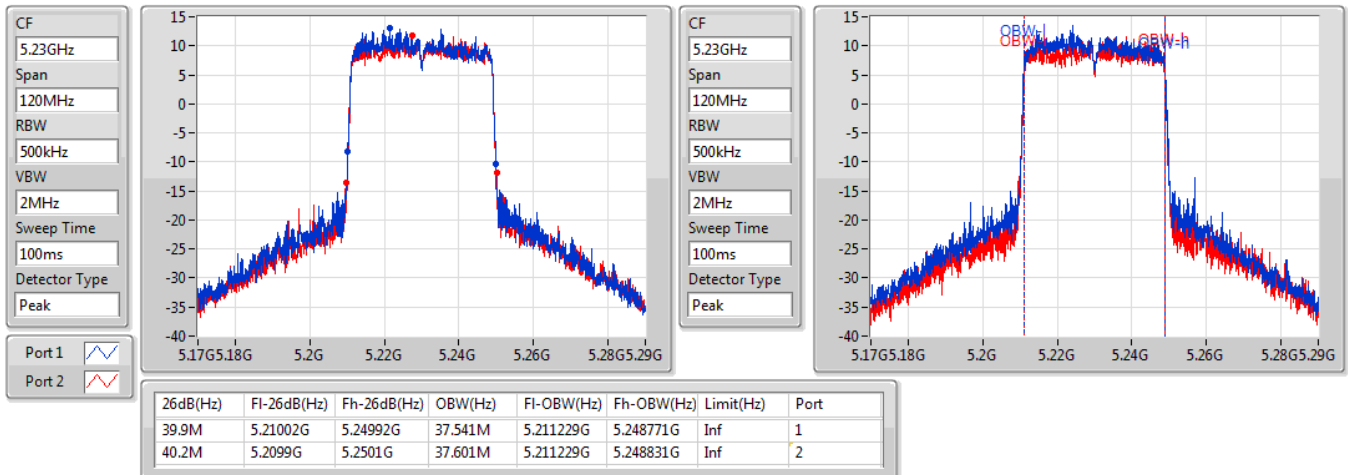


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

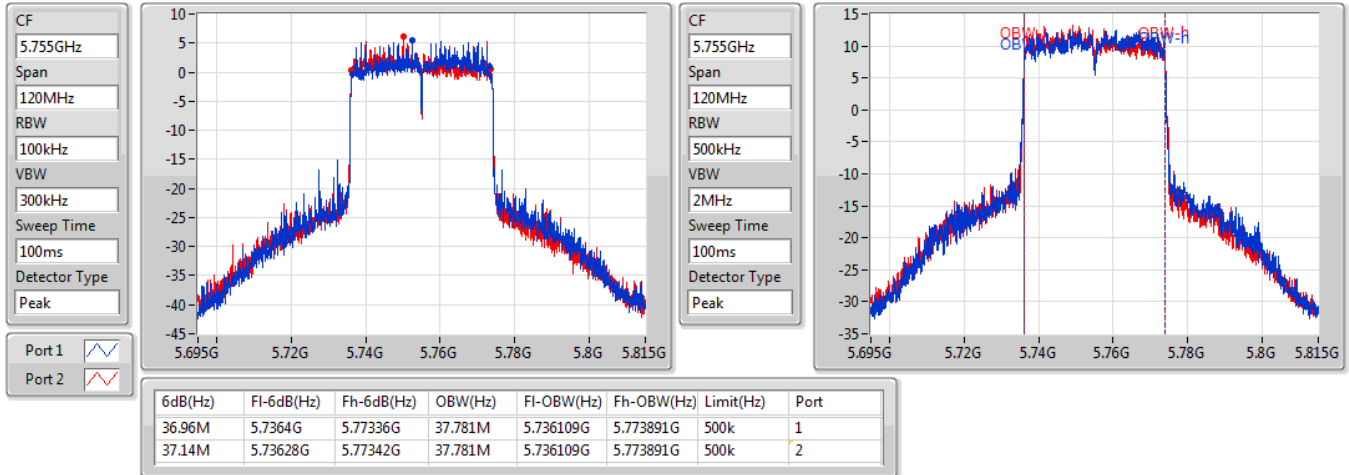


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

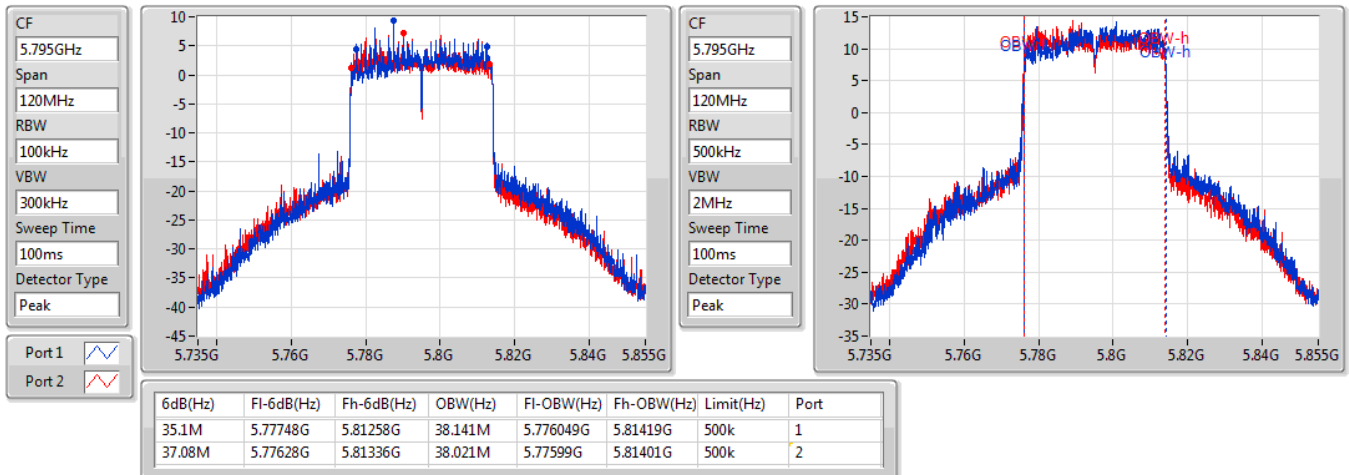


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

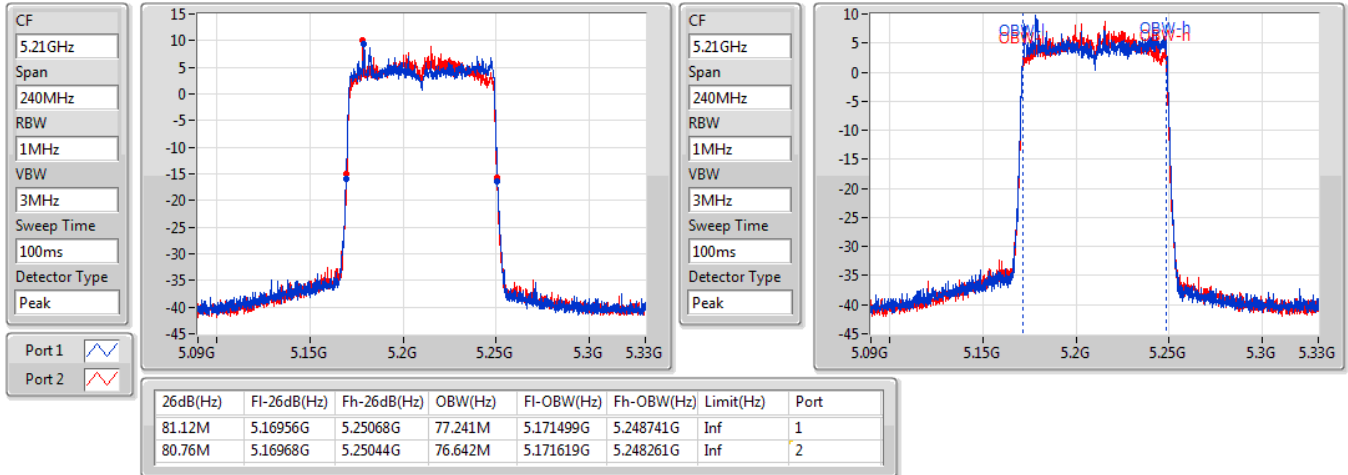


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

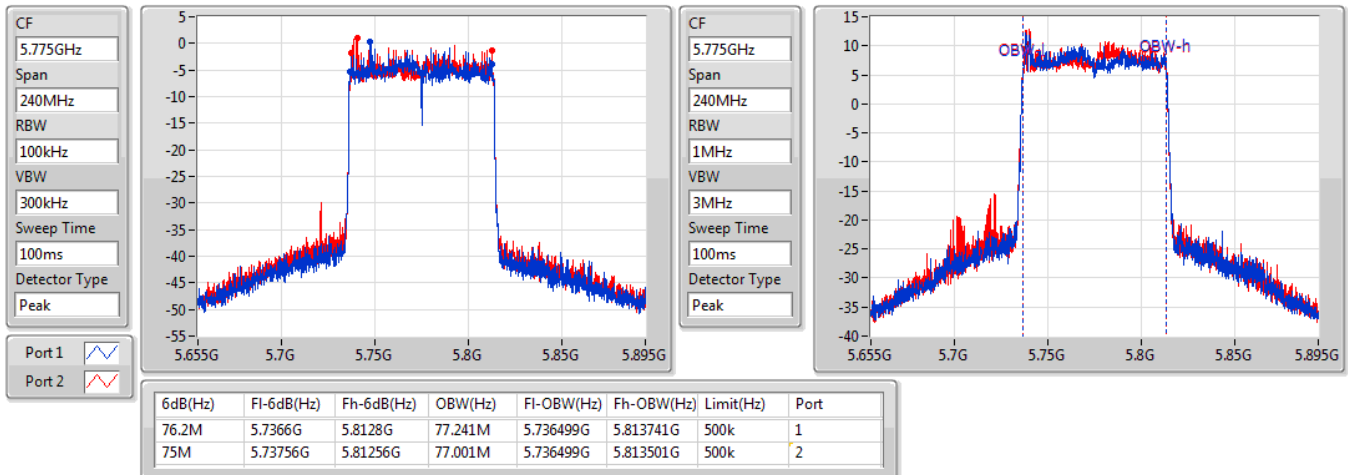


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020



**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	21.57M	17.901M	17M9D1D	21.36M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	39.96M	36.522M	36M5D1D	39.54M	36.462M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.76M	75.682M	75M7D1D	80.04M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.42M	19.04M	19M0D1D	21.24M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.38M	37.661M	37M7D1D	39.96M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.121M	77M1D1D	80.88M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.61M	17.931M	17M9D1D	17.55M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.36M	36.582M	36M6D1D	35.34M	36.522M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	70.08M	76.402M	76M4D1D	67.56M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.99M	19.04M	19M0D1D	18.84M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.2M	37.661M	37M7D1D	36.9M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	75.72M	77.001M	77M0D1D	75.6M	77.001M

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	21.54M	17.871M	21.42M	17.901M
5200MHz	Pass	Inf	21.57M	17.841M	21.36M	17.901M
5240MHz	Pass	Inf	21.45M	17.901M	21.54M	17.901M
5745MHz	Pass	500k	17.55M	17.841M	17.58M	17.931M
5785MHz	Pass	500k	17.58M	17.871M	17.55M	17.841M
5825MHz	Pass	500k	17.61M	17.871M	17.55M	17.901M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	36.462M	39.54M	36.462M
5230MHz	Pass	Inf	39.96M	36.522M	39.9M	36.462M
5755MHz	Pass	500k	36.3M	36.582M	35.34M	36.522M
5795MHz	Pass	500k	36.3M	36.522M	36.36M	36.582M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.76M	75.682M	80.04M	75.682M
5775MHz	Pass	500k	67.56M	76.402M	70.08M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	19.01M	21.39M	18.981M
5200MHz	Pass	Inf	21.42M	19.04M	21.33M	19.01M
5240MHz	Pass	Inf	21.24M	19.04M	21.42M	19.01M
5745MHz	Pass	500k	18.96M	19.04M	18.87M	19.01M
5785MHz	Pass	500k	18.84M	19.04M	18.99M	19.01M
5825MHz	Pass	500k	18.96M	19.04M	18.84M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.38M	37.541M	39.96M	37.661M
5230MHz	Pass	Inf	40.2M	37.661M	40.02M	37.601M
5755MHz	Pass	500k	37.02M	37.601M	37.2M	37.661M
5795MHz	Pass	500k	37.08M	37.541M	36.9M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	77.121M	81.12M	76.882M
5775MHz	Pass	500k	75.6M	77.001M	75.72M	77.001M

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

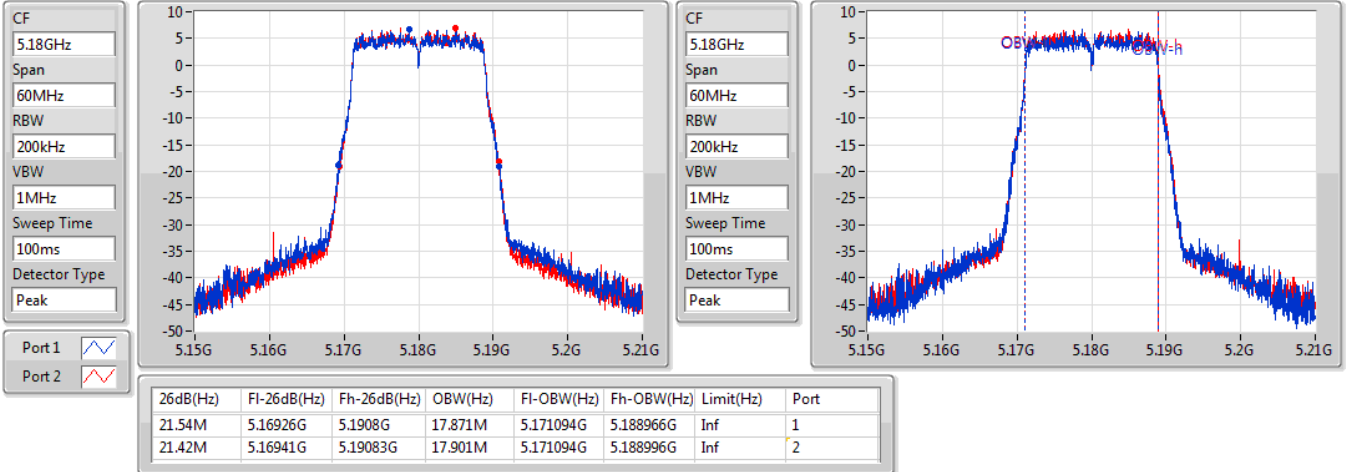
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

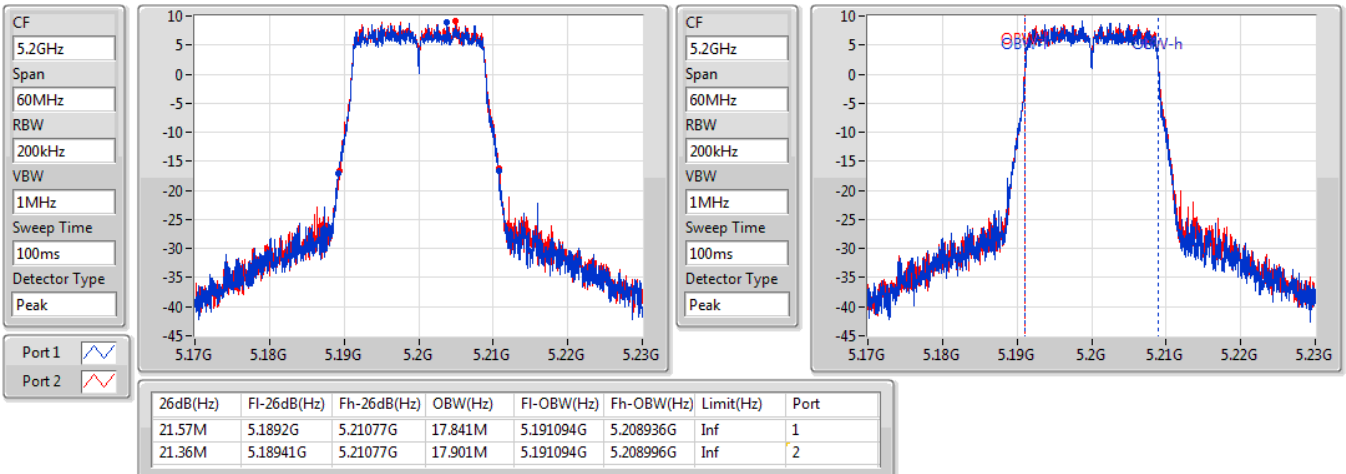


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

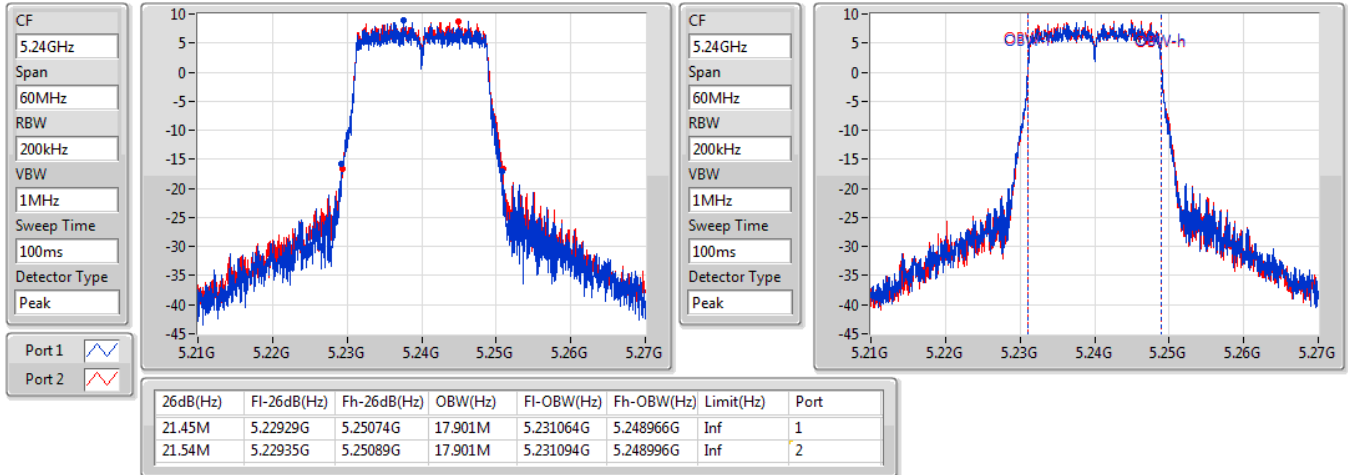


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

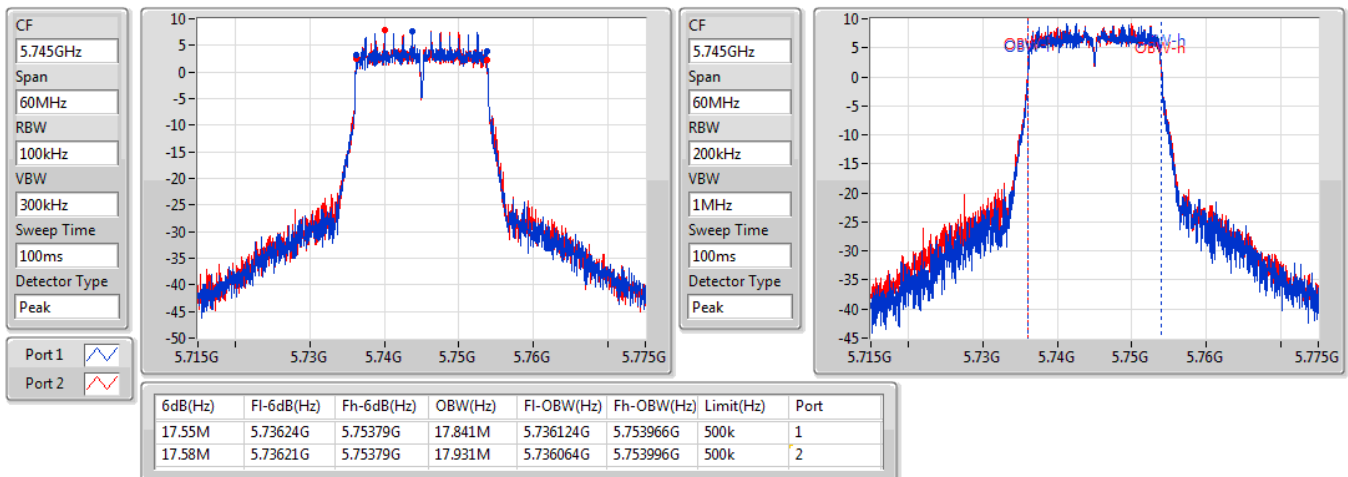


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

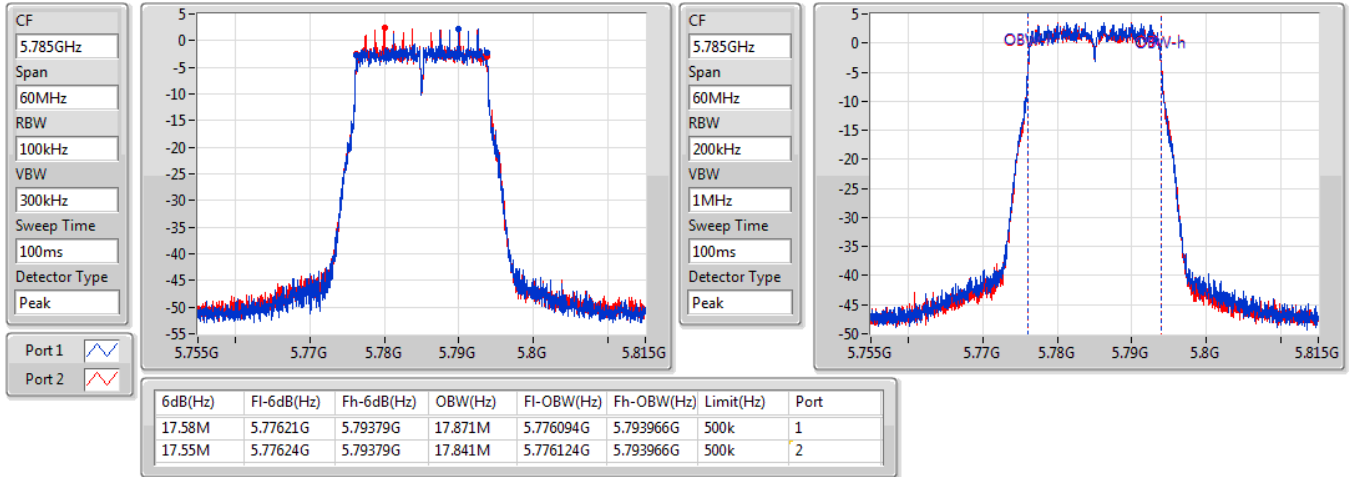


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

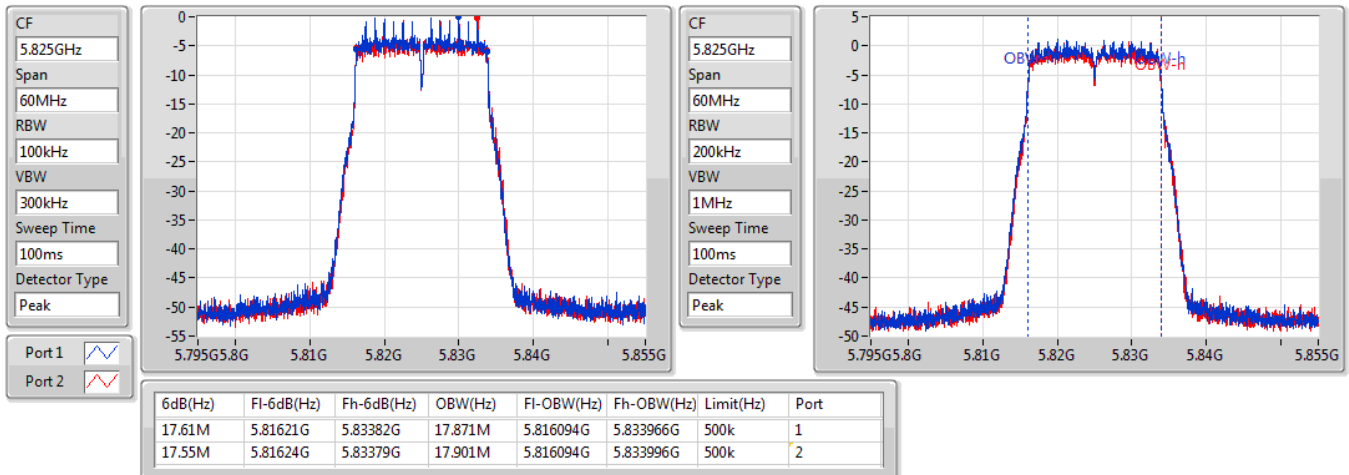


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

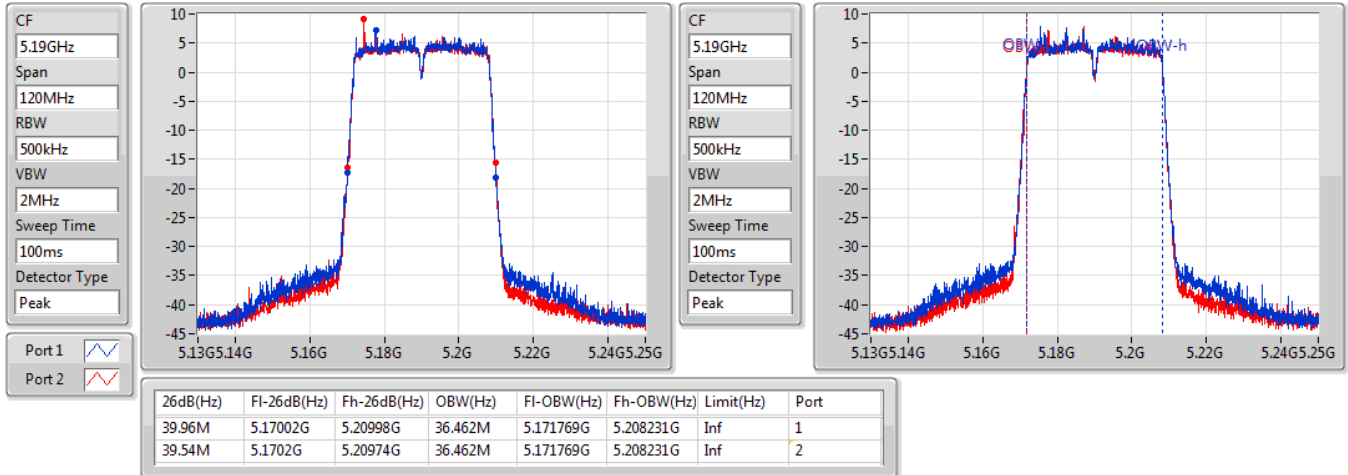


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

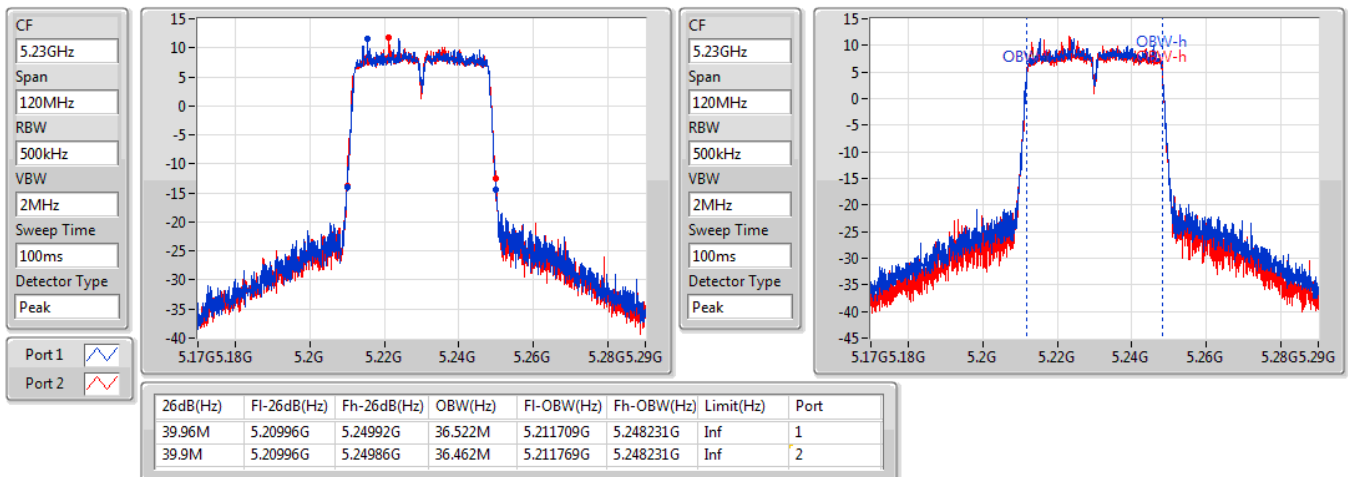


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

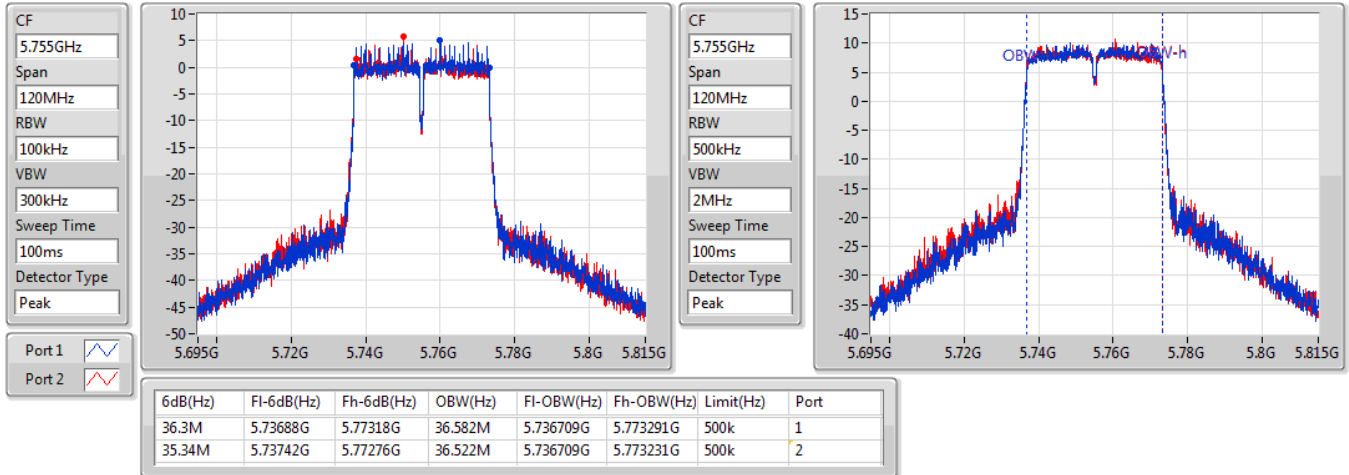


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

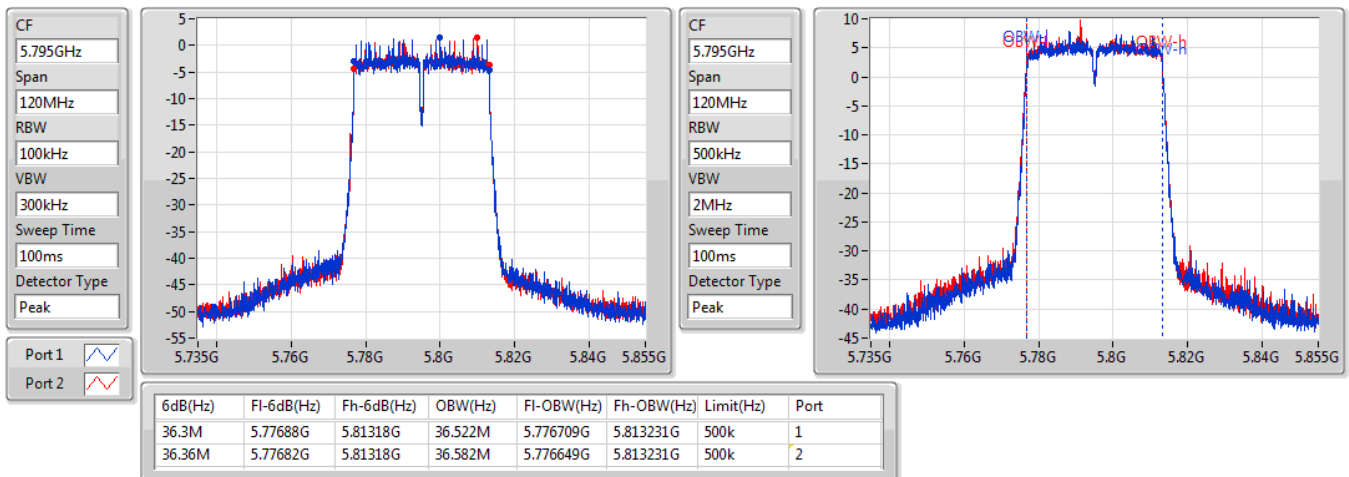


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

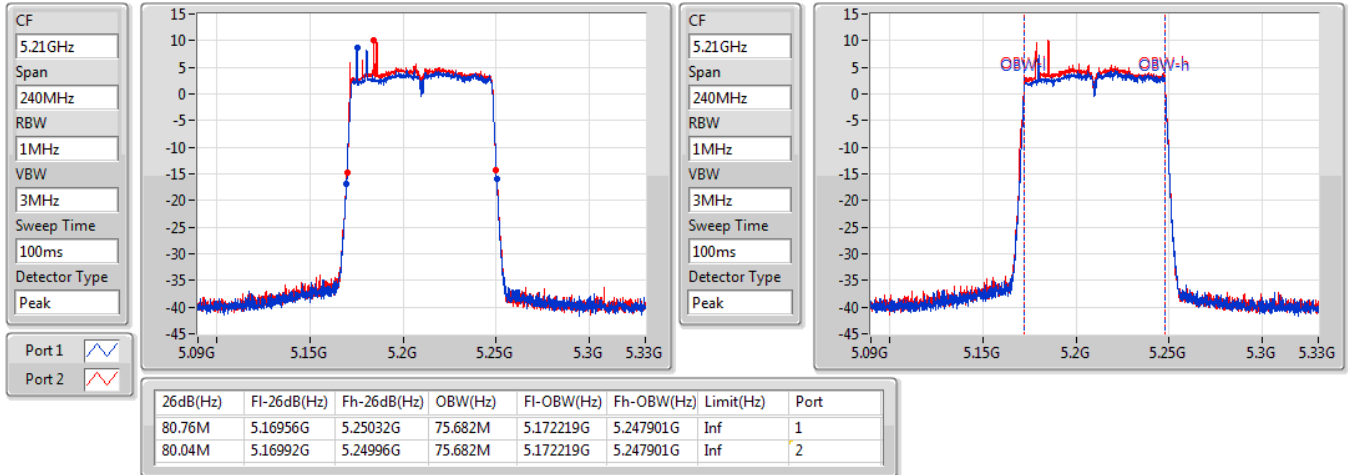


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

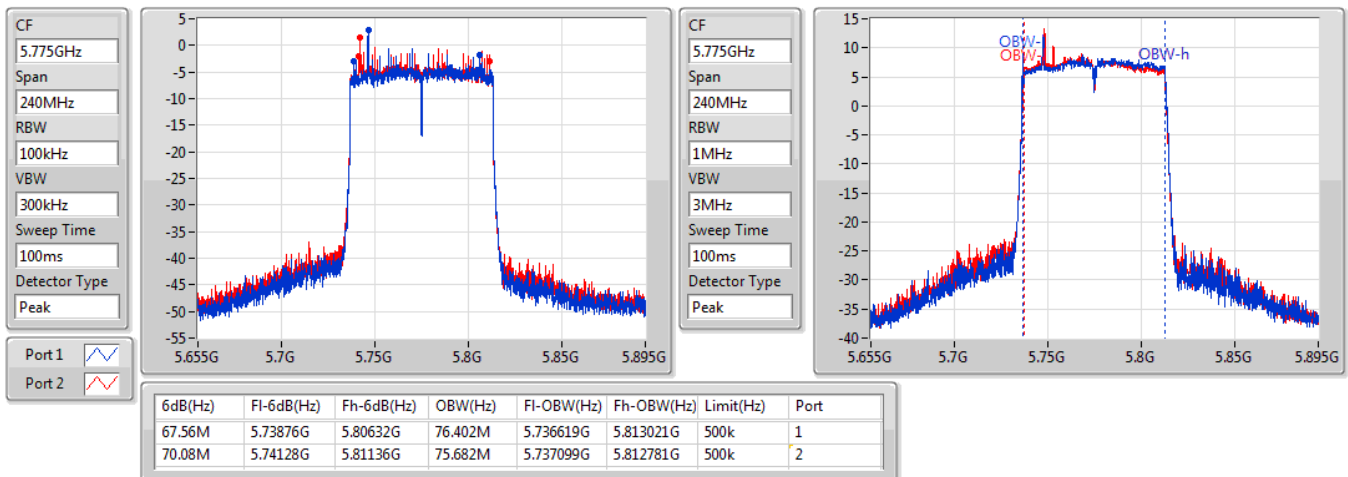


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020

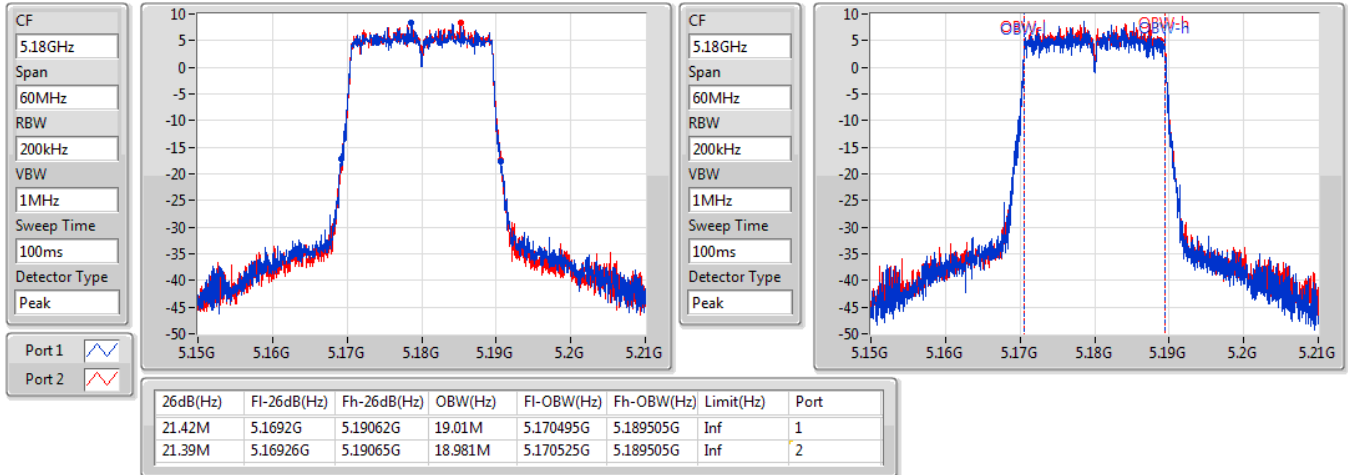


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

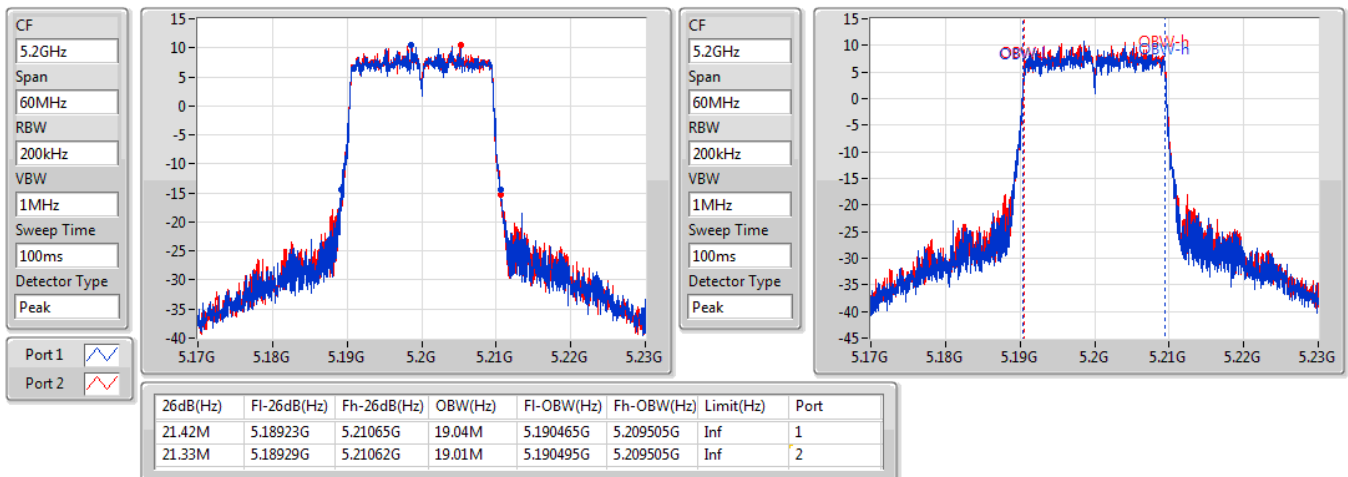


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

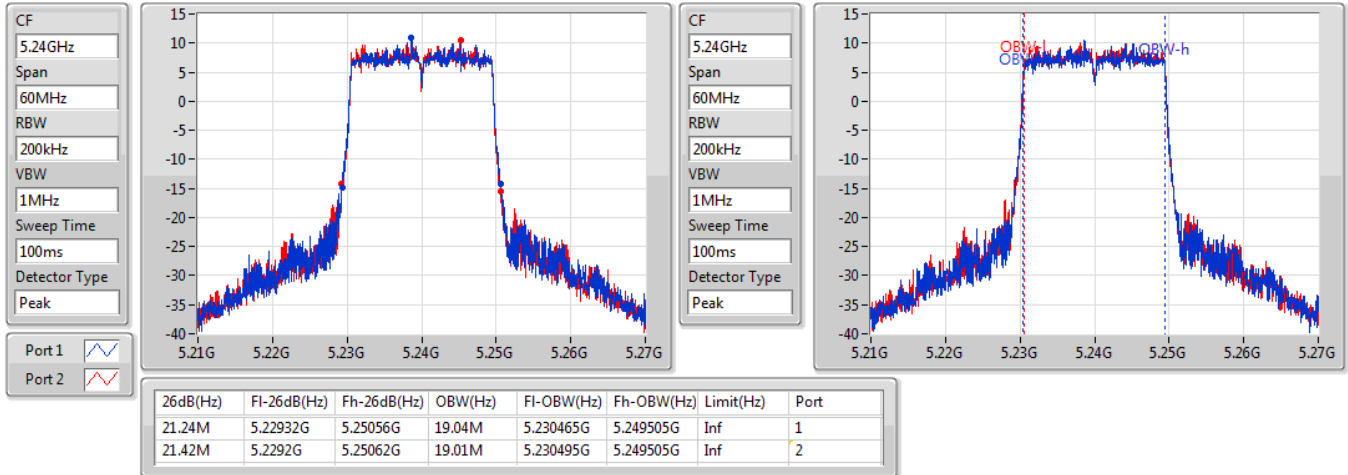


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

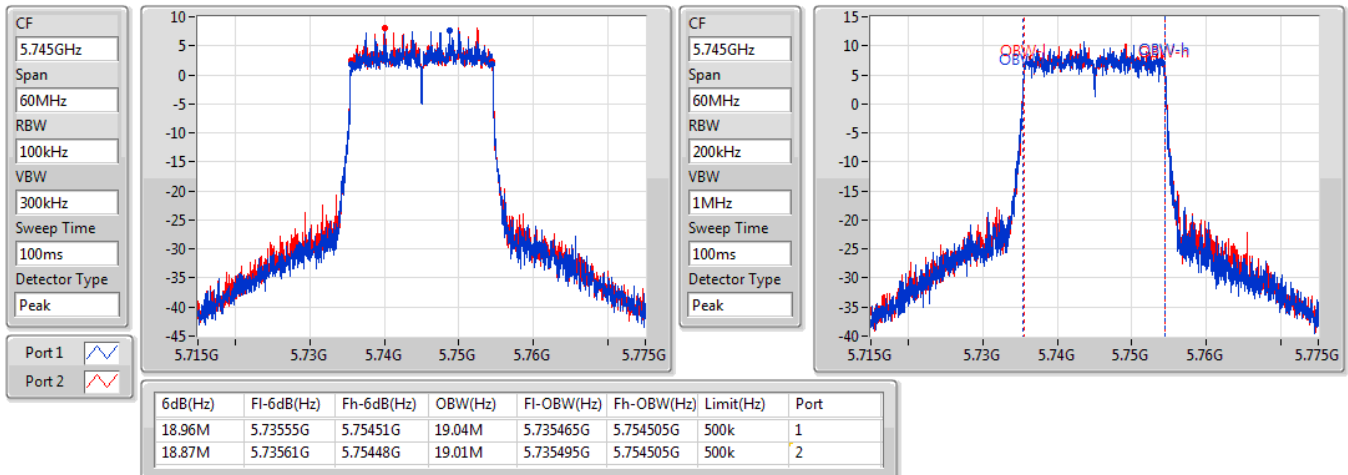


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

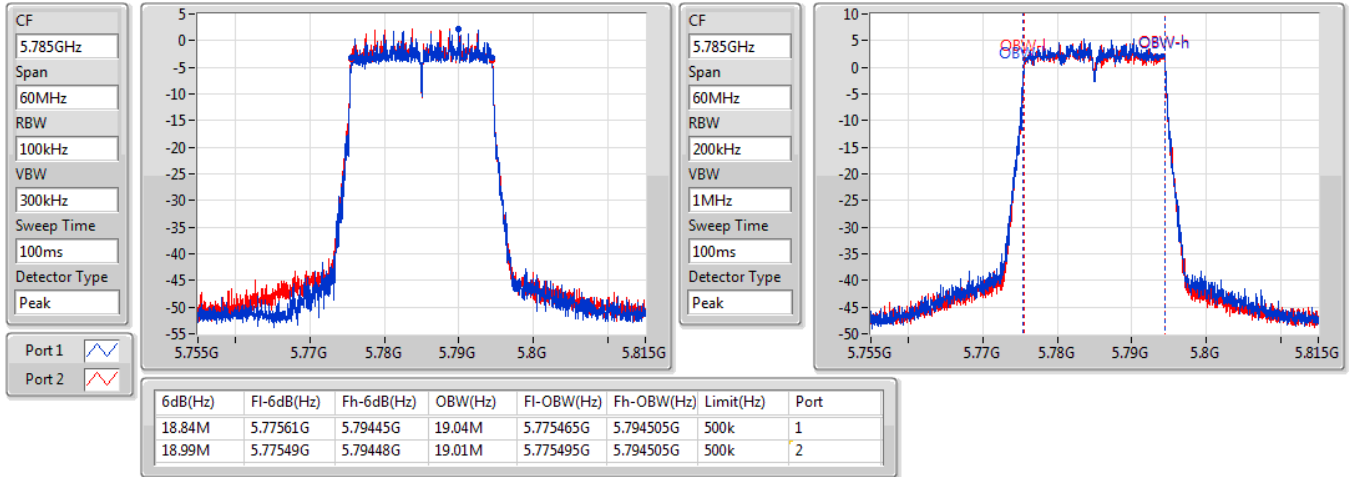


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

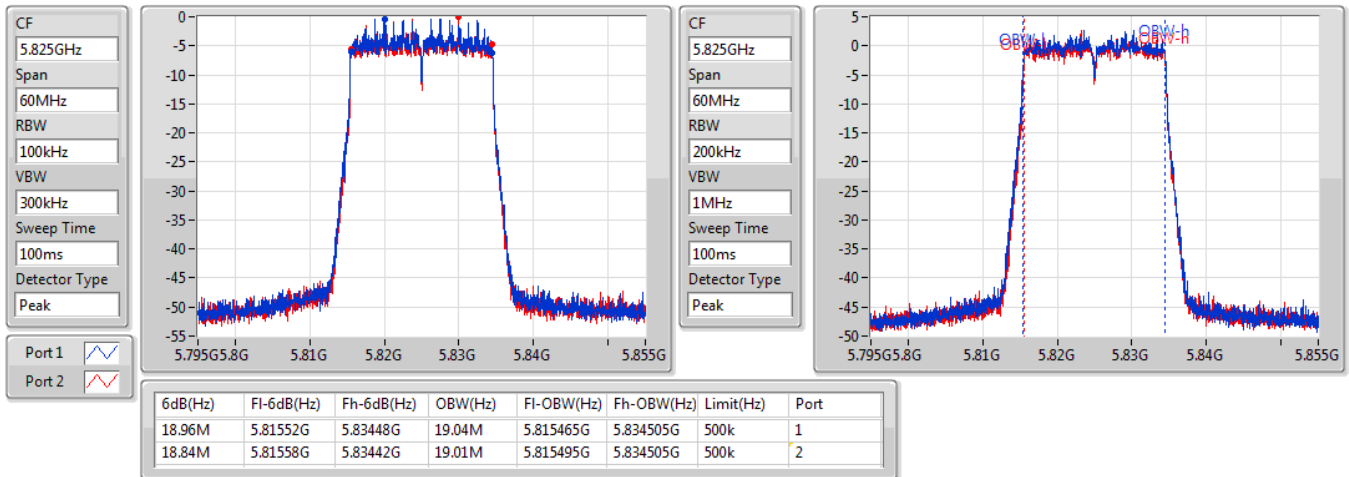


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

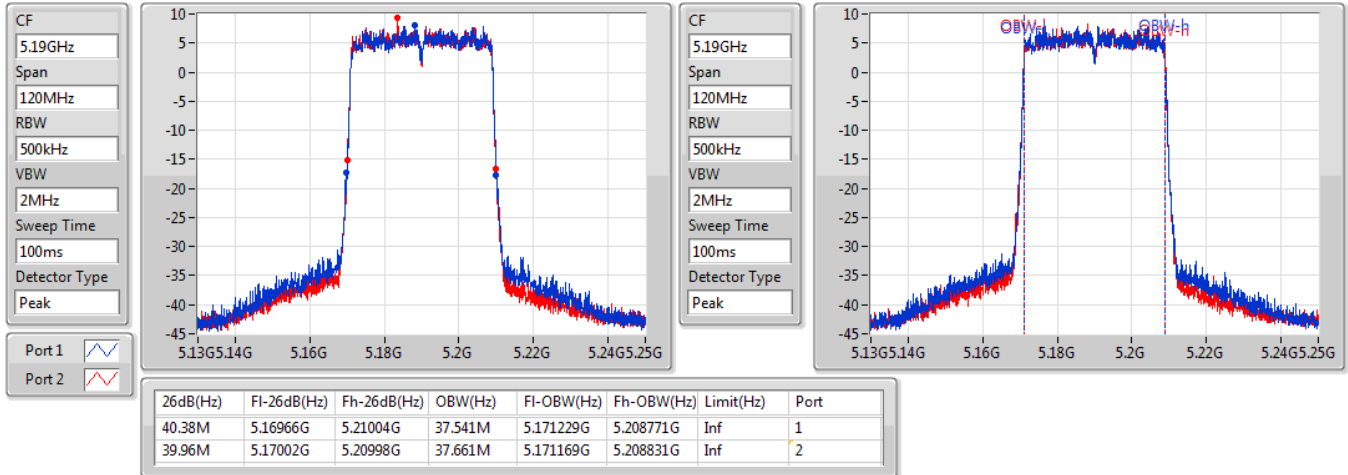


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

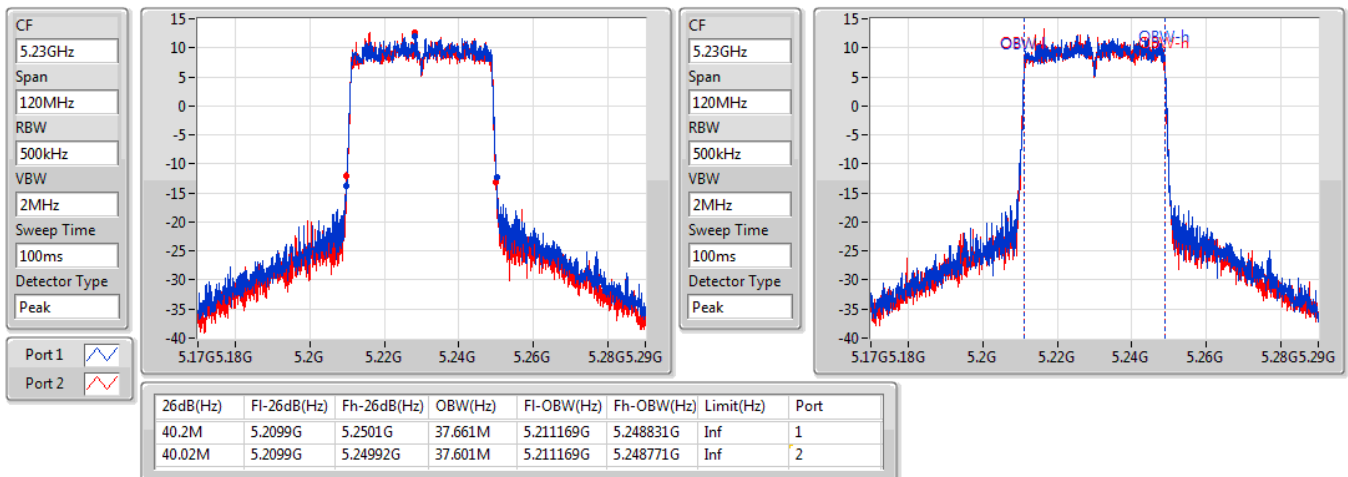


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

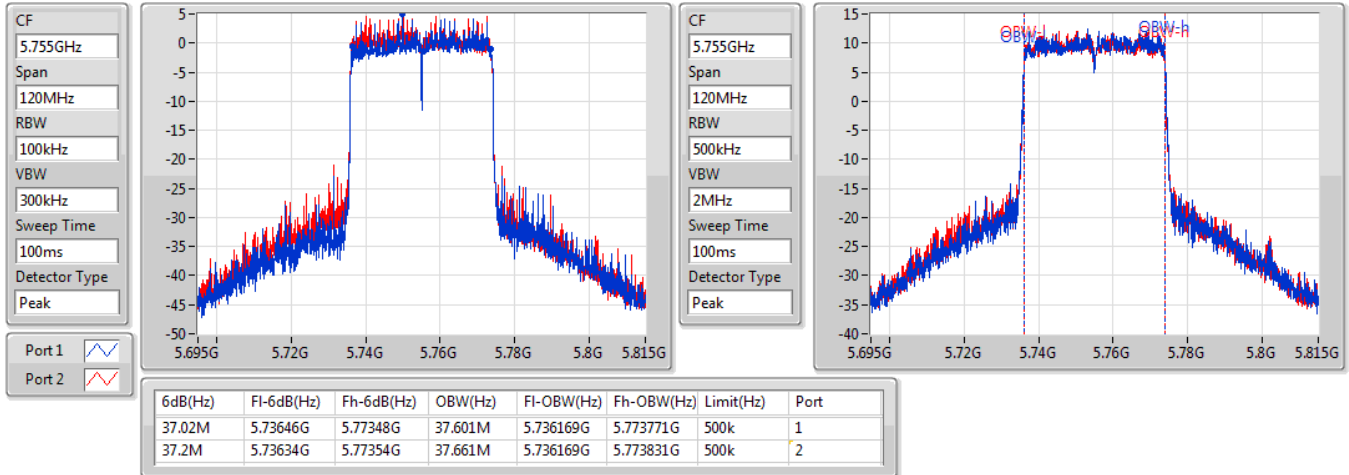


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

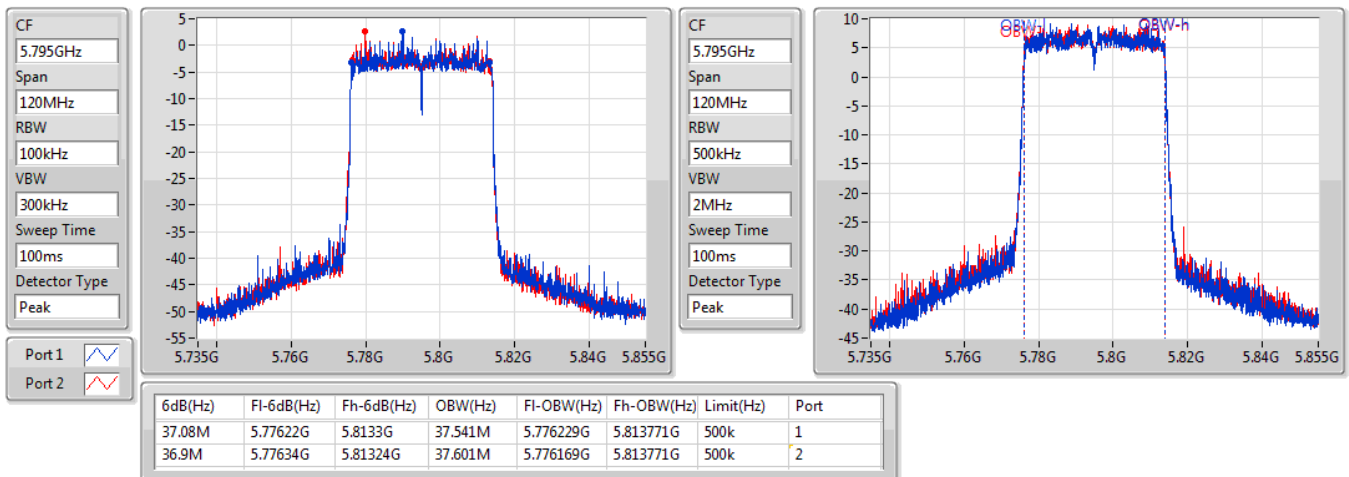


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

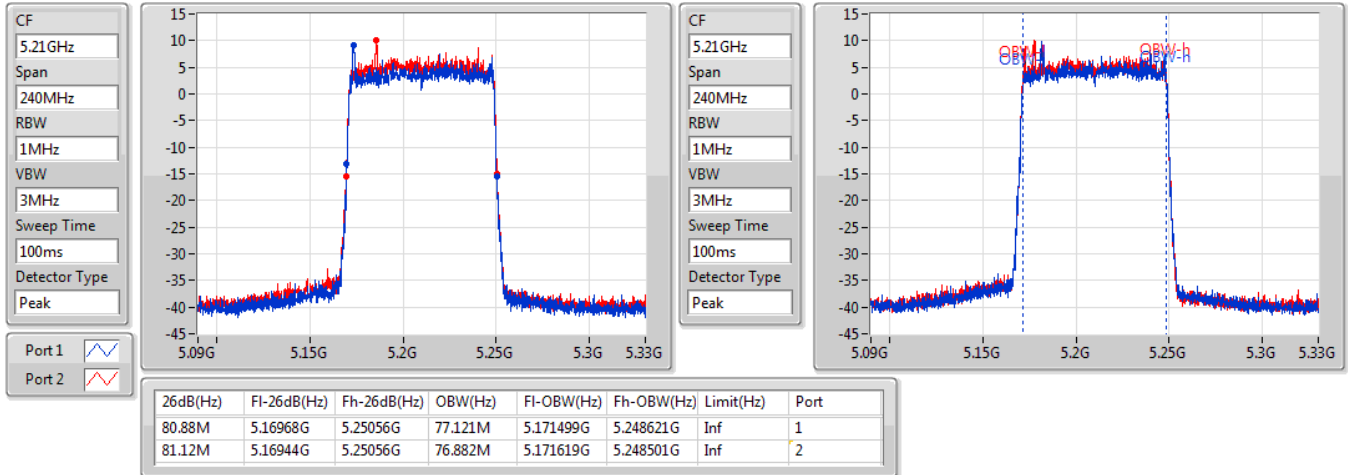


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

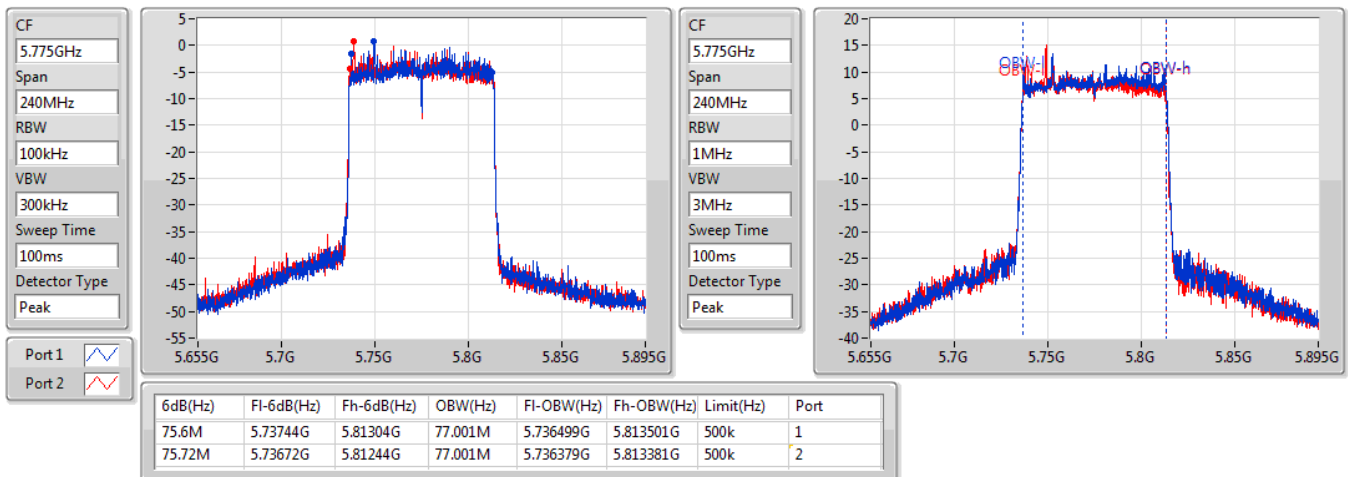


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020



**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	30.27M	18.111M	18M1D1D	21.36M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	45.54M	36.582M	36M6D1D	39.78M	36.462M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.88M	75.802M	75M8D1D	80.4M	75.562M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	32.82M	19.25M	19M2D1D	21.24M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	43.86M	37.721M	37M7D1D	40.02M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.24M	77.121M	77M1D1D	81.12M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.58M	20.33M	20M3D1D	17.55M	17.931M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.36M	43.238M	43M2D1D	36.06M	37.001M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.36M	75.922M	75M9D1D	75.24M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.96M	20.42M	20M4D1D	18.54M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.74M	39.34M	39M3D1D	37.32M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	77.04M	77.121M	77M1D1D	75.36M	77.001M

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	21.51M	17.901M	21.36M	17.871M
5200MHz	Pass	Inf	29.97M	18.081M	26.46M	18.021M
5240MHz	Pass	Inf	30.27M	18.111M	27.12M	17.991M
5745MHz	Pass	500k	17.58M	17.991M	17.58M	17.931M
5785MHz	Pass	500k	17.55M	18.711M	17.55M	18.351M
5825MHz	Pass	500k	17.55M	20.33M	17.58M	19.16M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	36.462M	39.84M	36.462M
5230MHz	Pass	Inf	45.54M	36.582M	39.78M	36.582M
5755MHz	Pass	500k	36.3M	37.241M	36.06M	37.001M
5795MHz	Pass	500k	36.36M	43.238M	36.3M	37.721M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.4M	75.802M	80.88M	75.562M
5775MHz	Pass	500k	75.24M	75.922M	75.36M	75.922M
802.11ac HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.33M	19.04M	21.24M	19.01M
5200MHz	Pass	Inf	30.63M	19.22M	23.31M	19.13M
5240MHz	Pass	Inf	32.82M	19.25M	29.19M	19.16M
5745MHz	Pass	500k	18.93M	19.13M	18.96M	19.13M
5785MHz	Pass	500k	18.87M	19.46M	18.93M	19.34M
5825MHz	Pass	500k	18.78M	20.42M	18.54M	19.58M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.601M	40.02M	37.541M
5230MHz	Pass	Inf	43.86M	37.721M	40.5M	37.721M
5755MHz	Pass	500k	37.32M	38.021M	37.38M	37.841M
5795MHz	Pass	500k	37.74M	39.34M	37.38M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	77.121M	81.12M	76.882M
5775MHz	Pass	500k	75.36M	77.121M	77.04M	77.001M

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

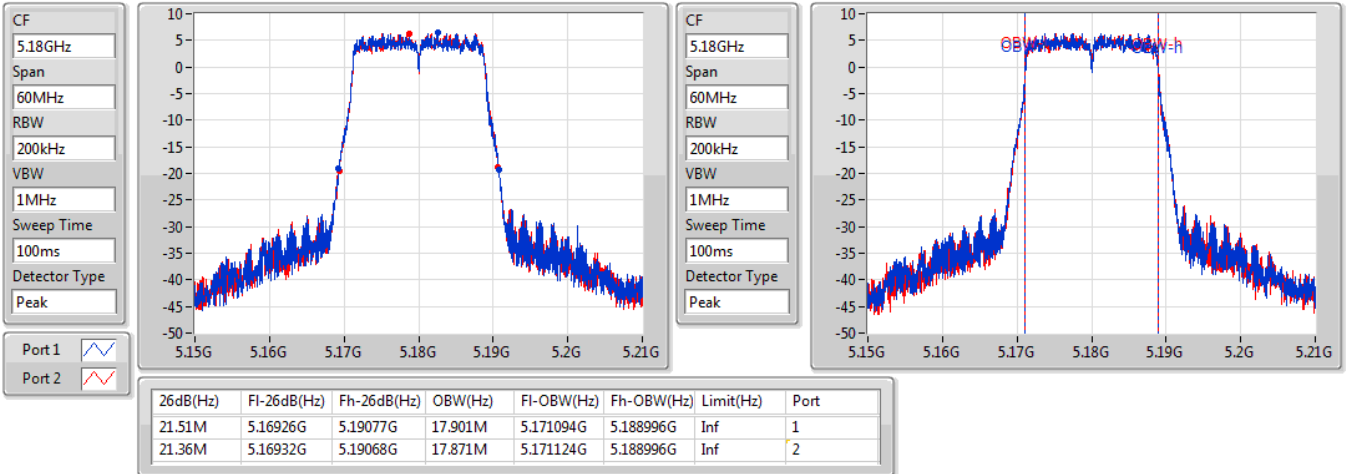
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

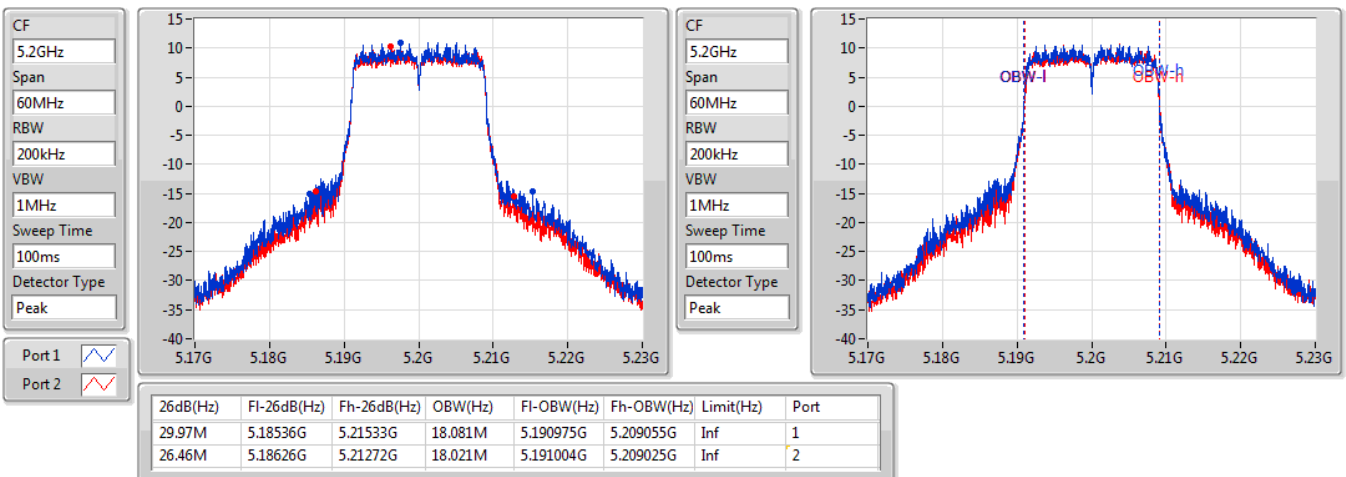


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

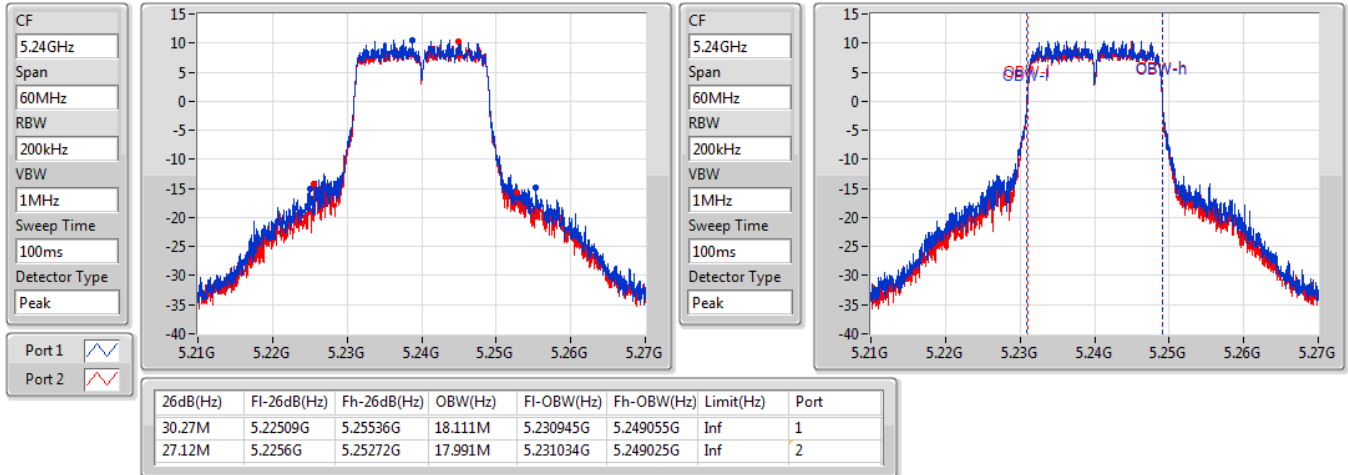


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

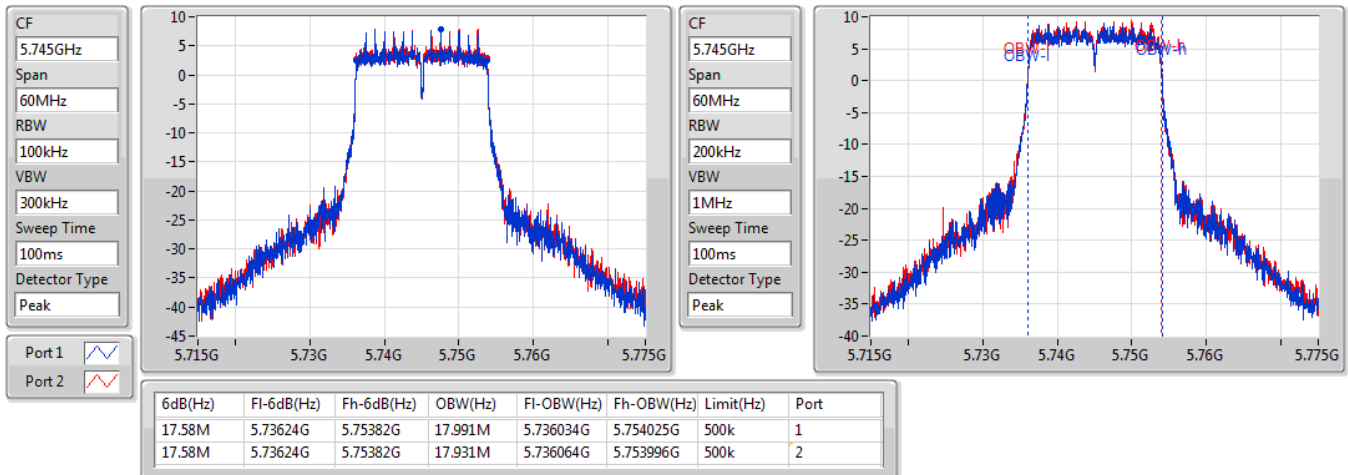


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

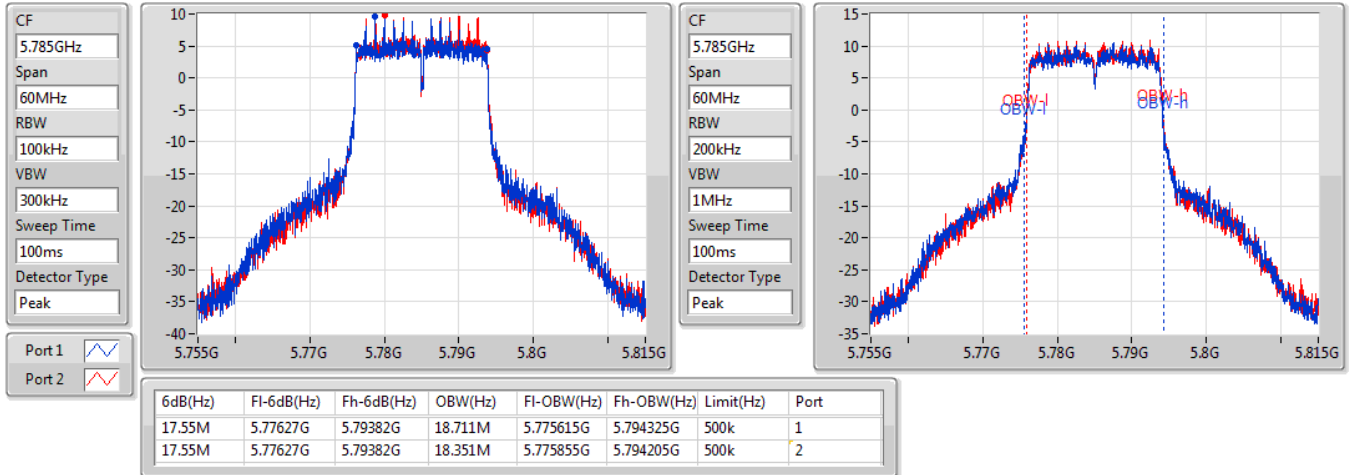


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

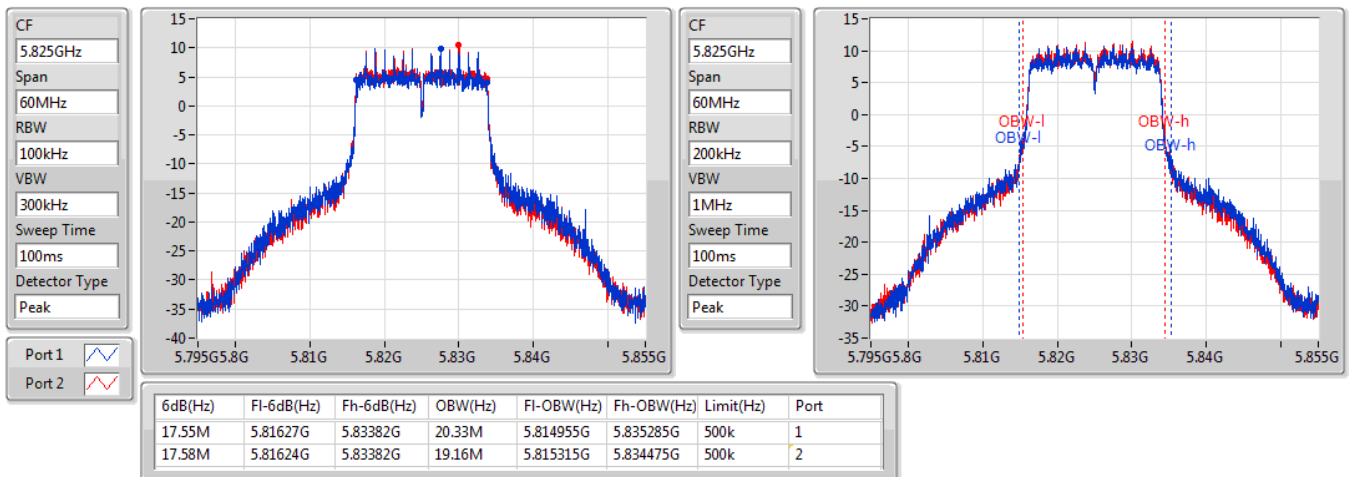


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

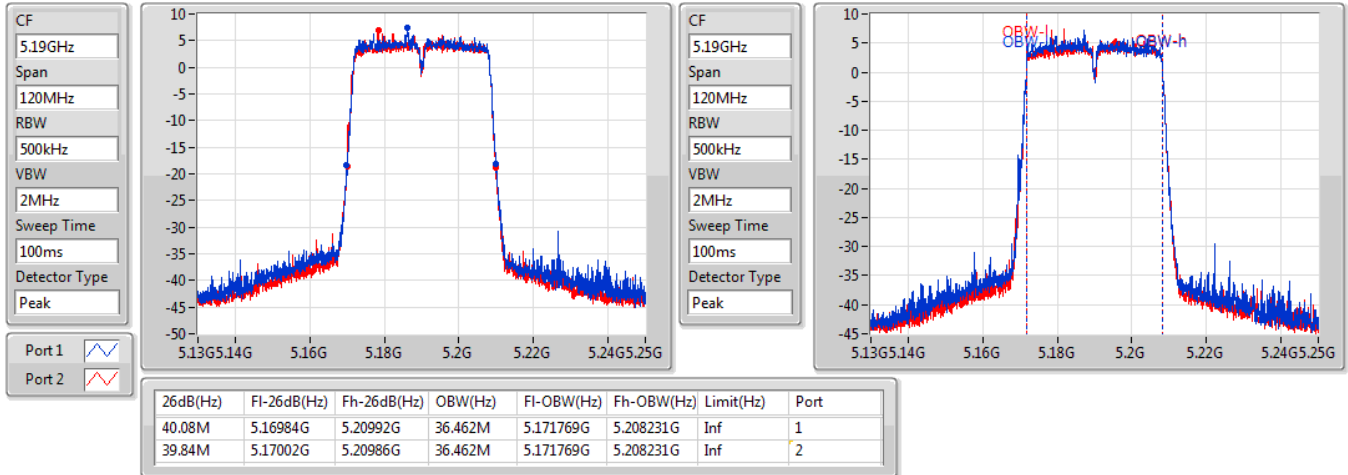


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

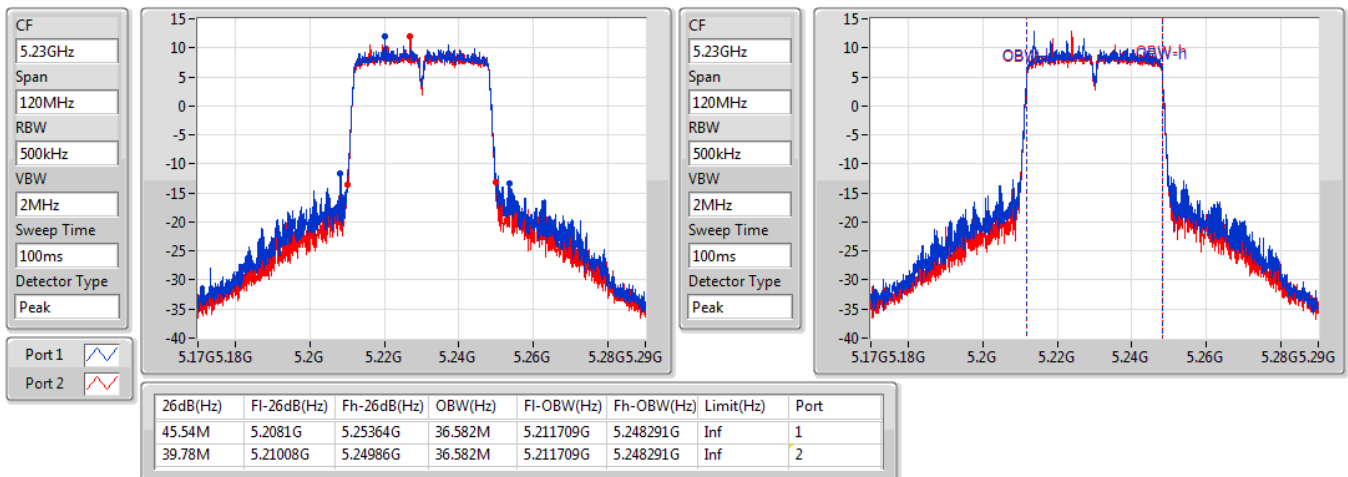


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

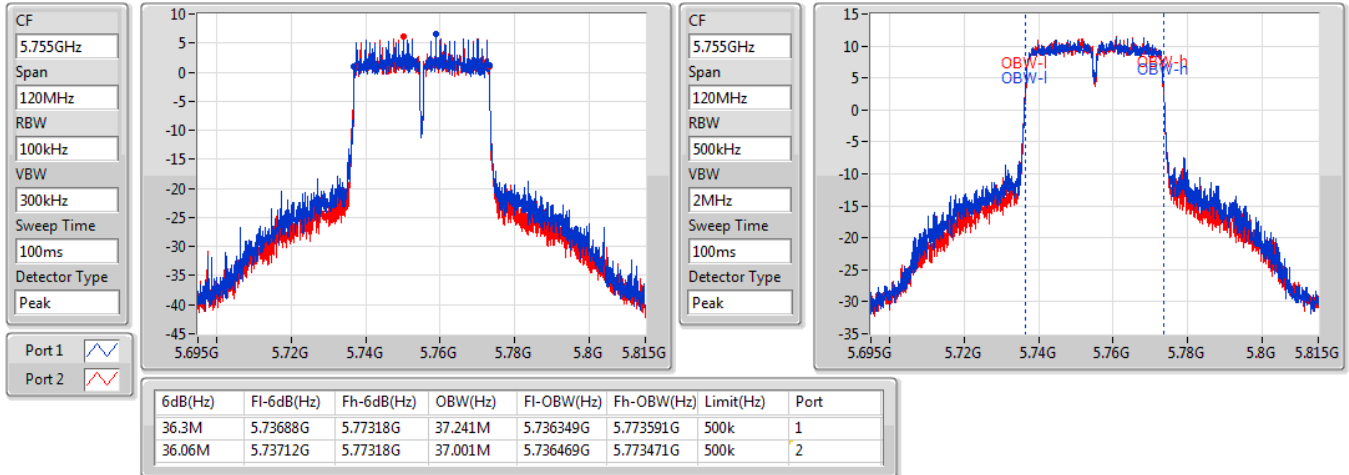


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

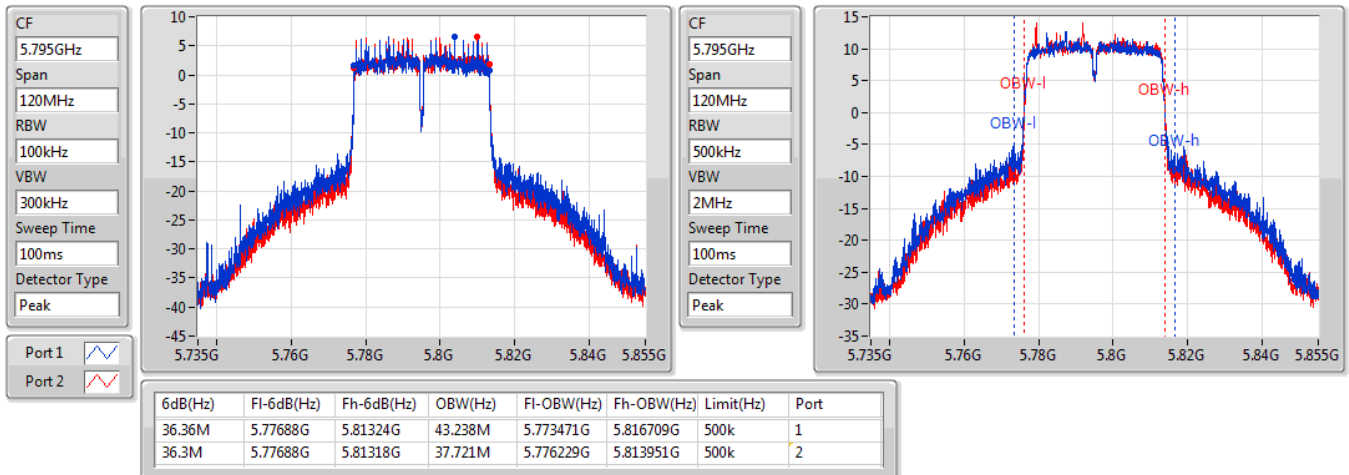


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

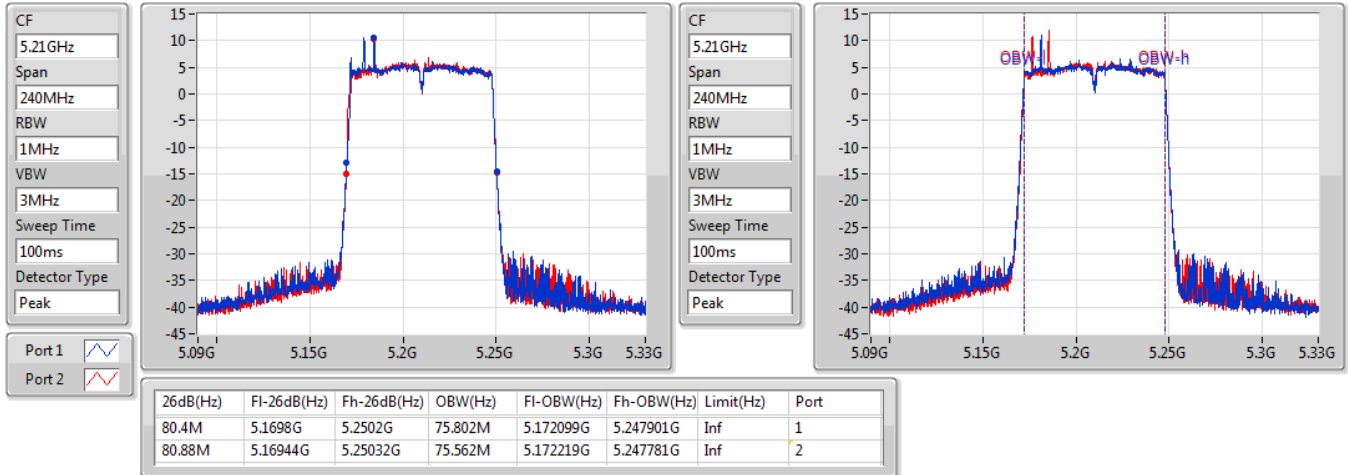


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

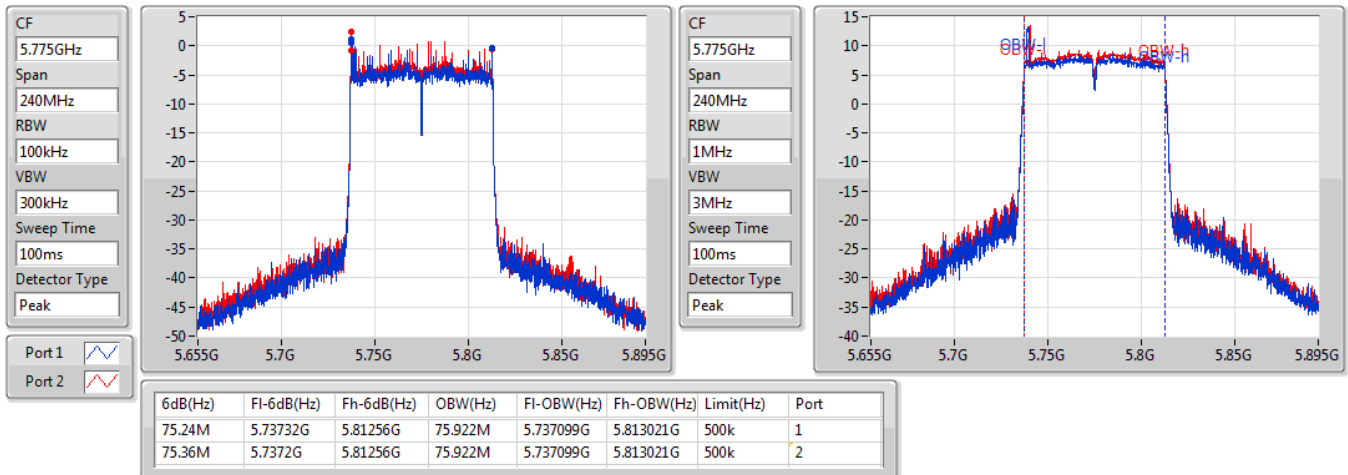


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020

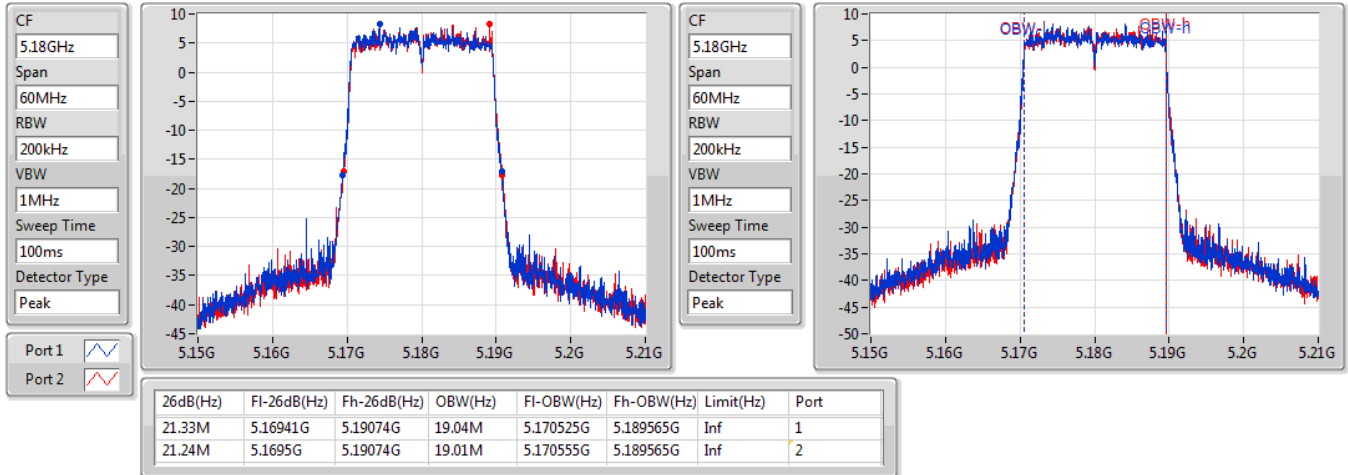


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

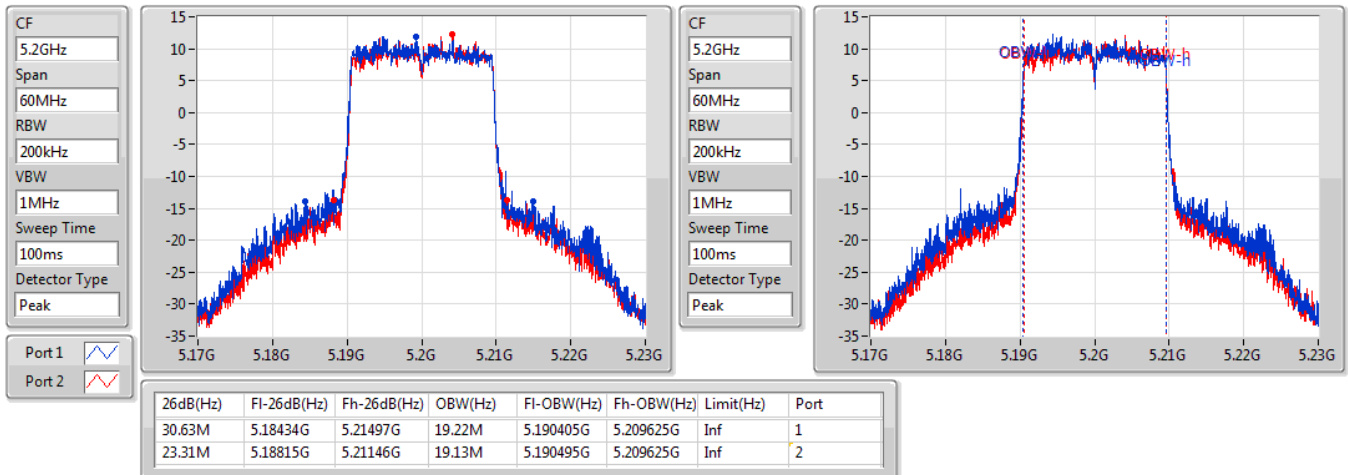


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

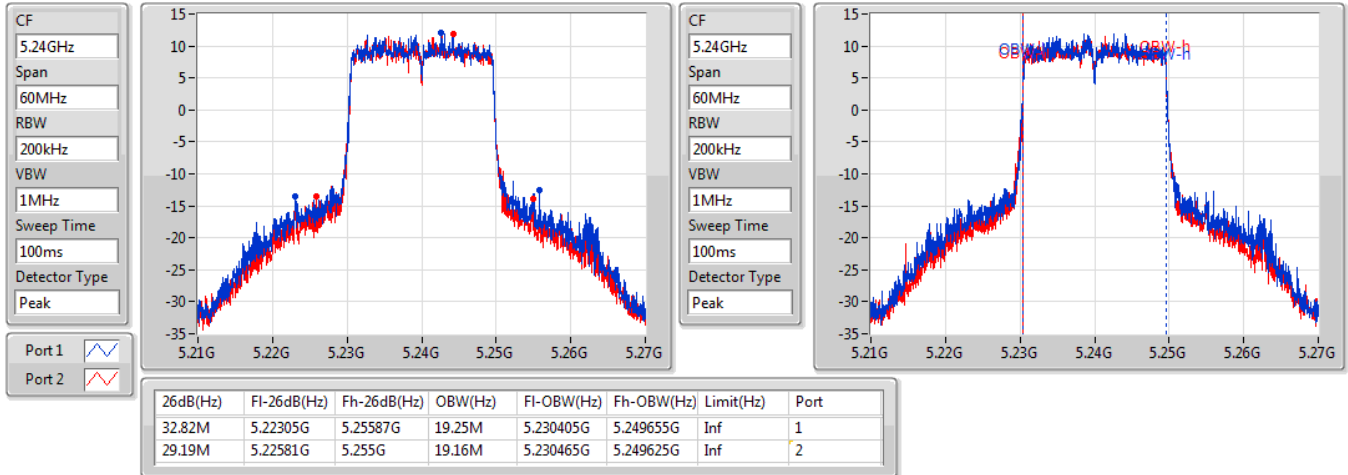


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

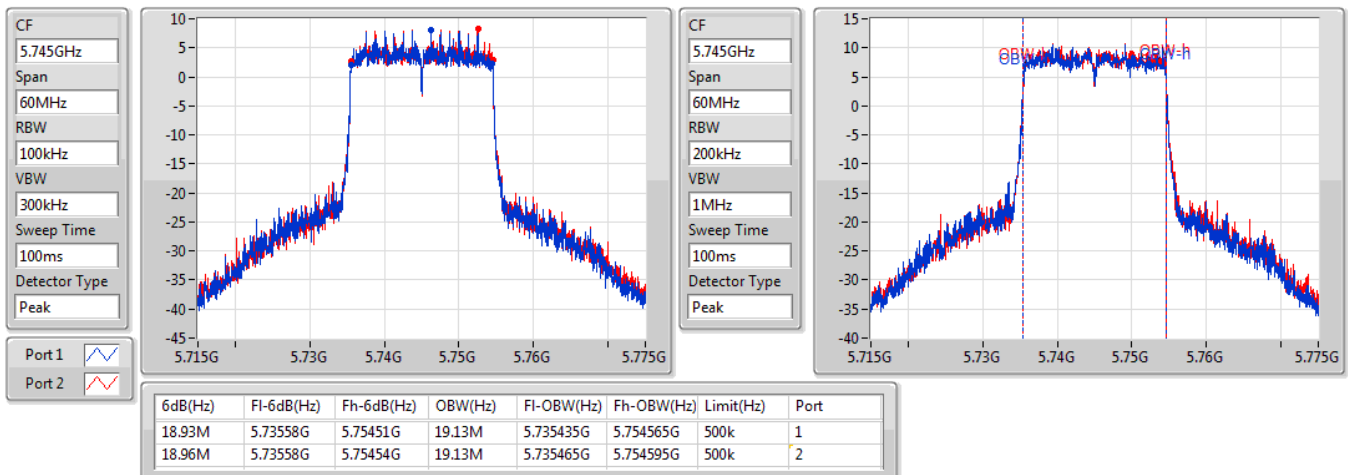


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020

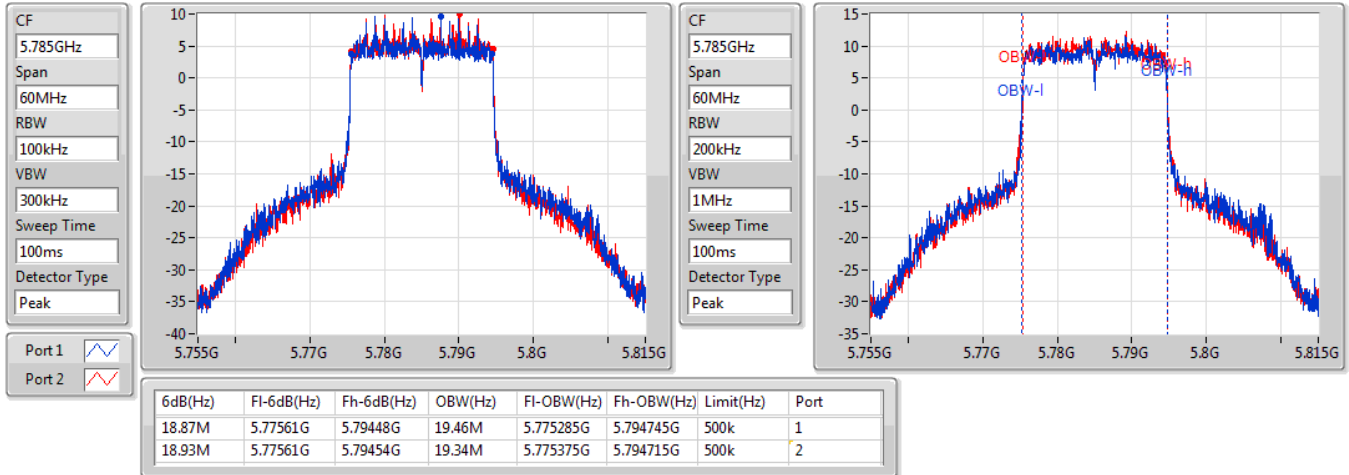


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

23/02/2020

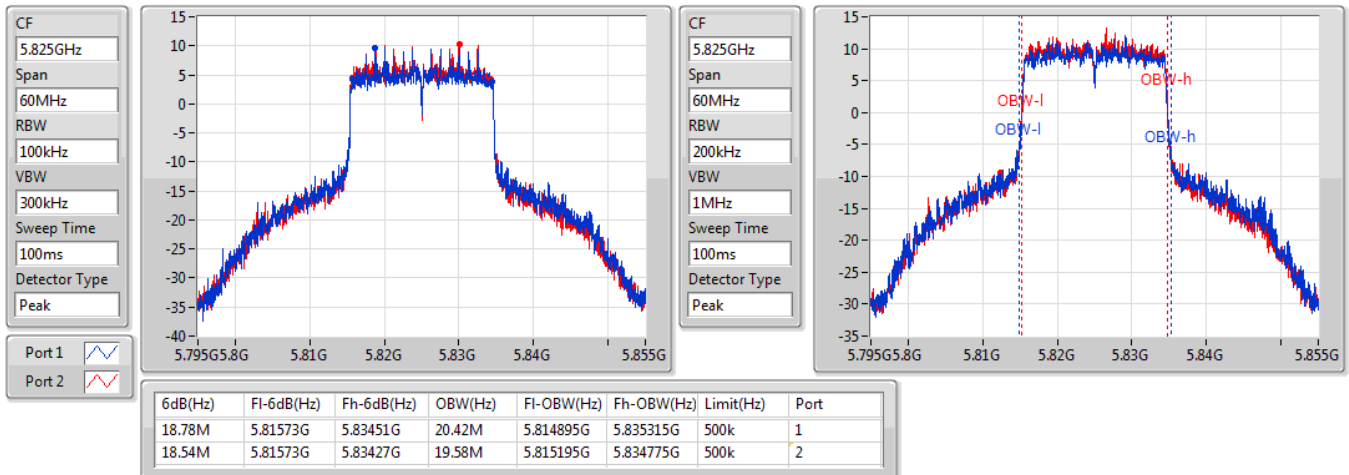


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

23/02/2020

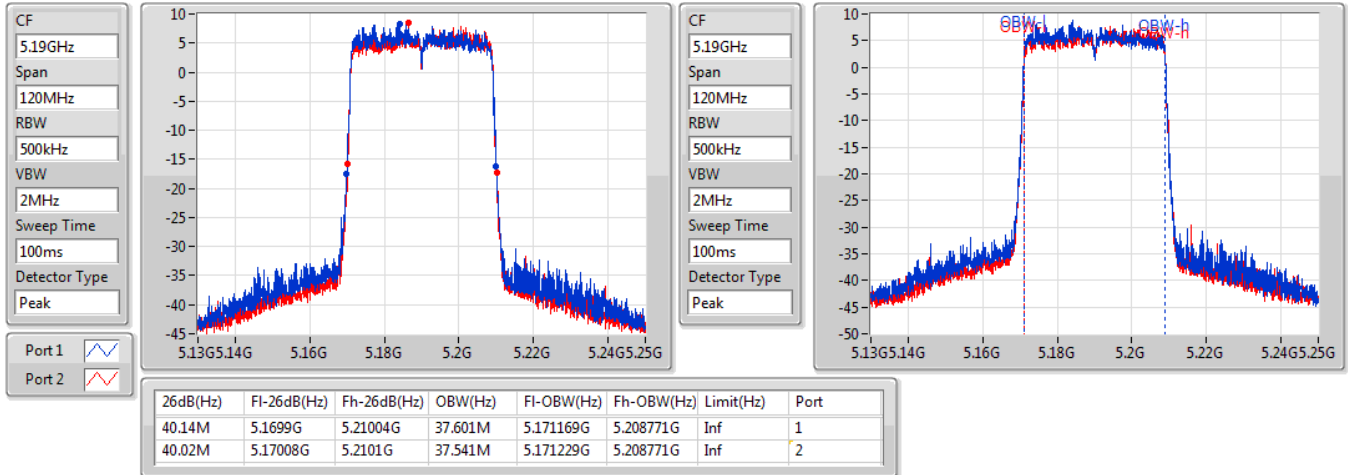


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

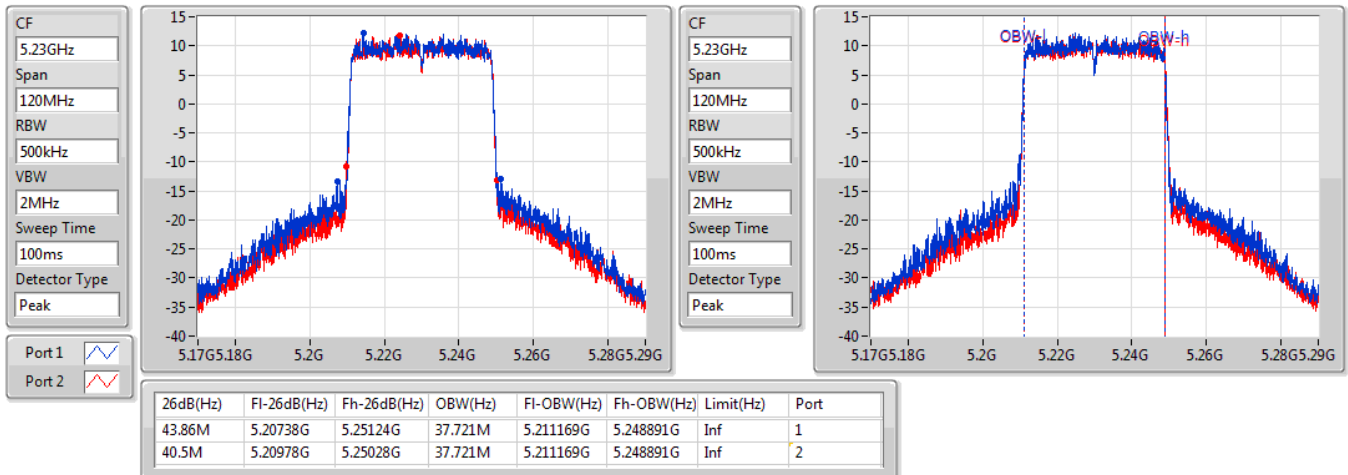


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

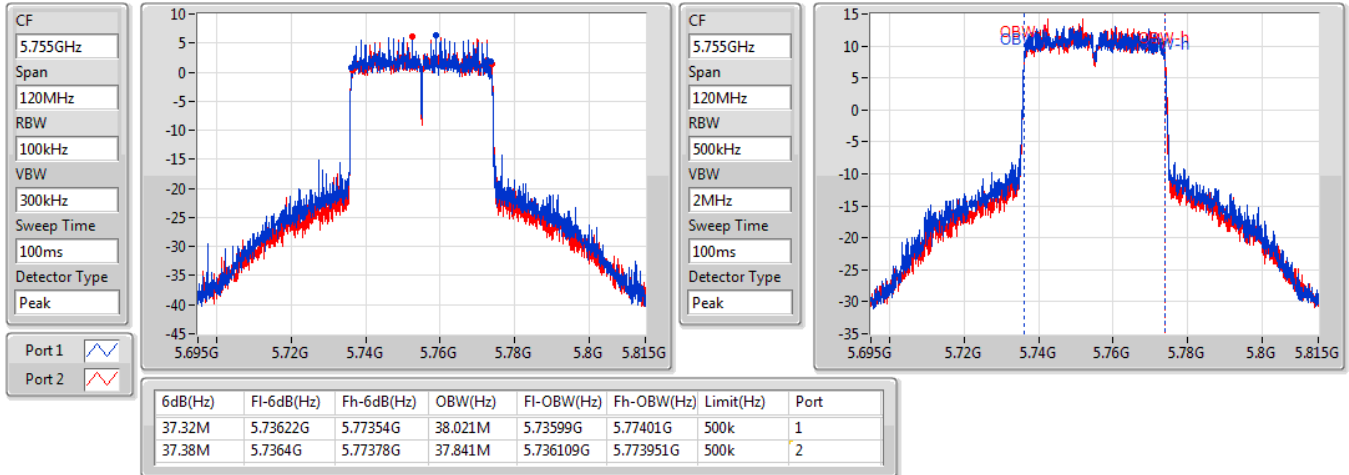


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

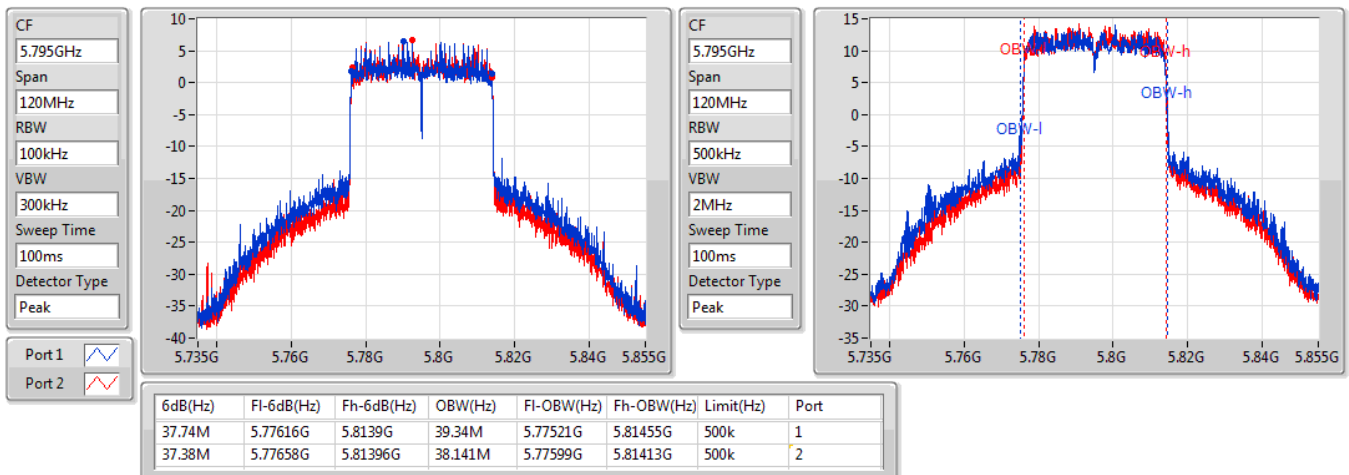


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

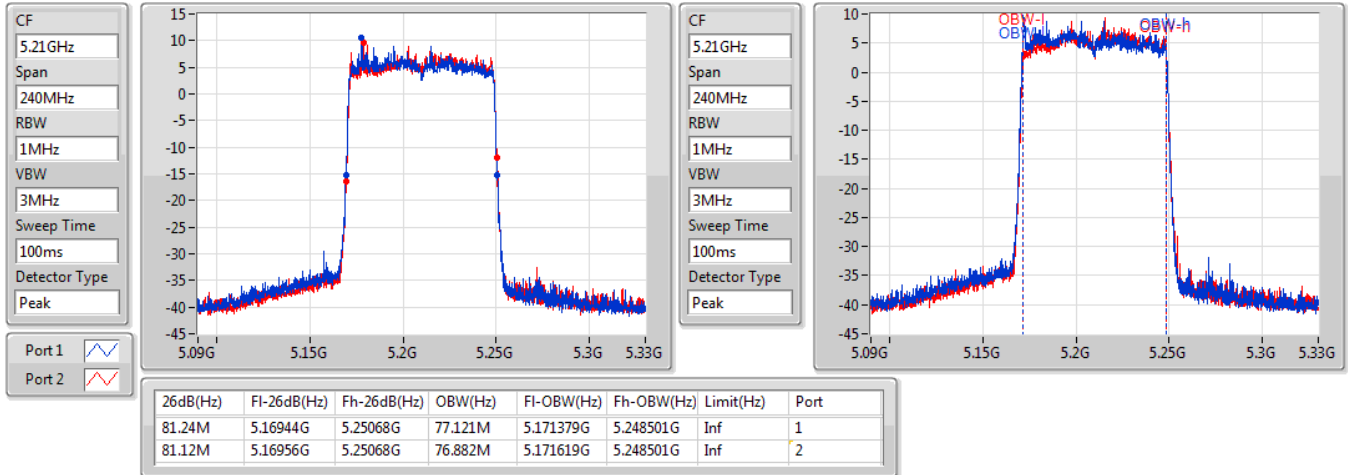


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

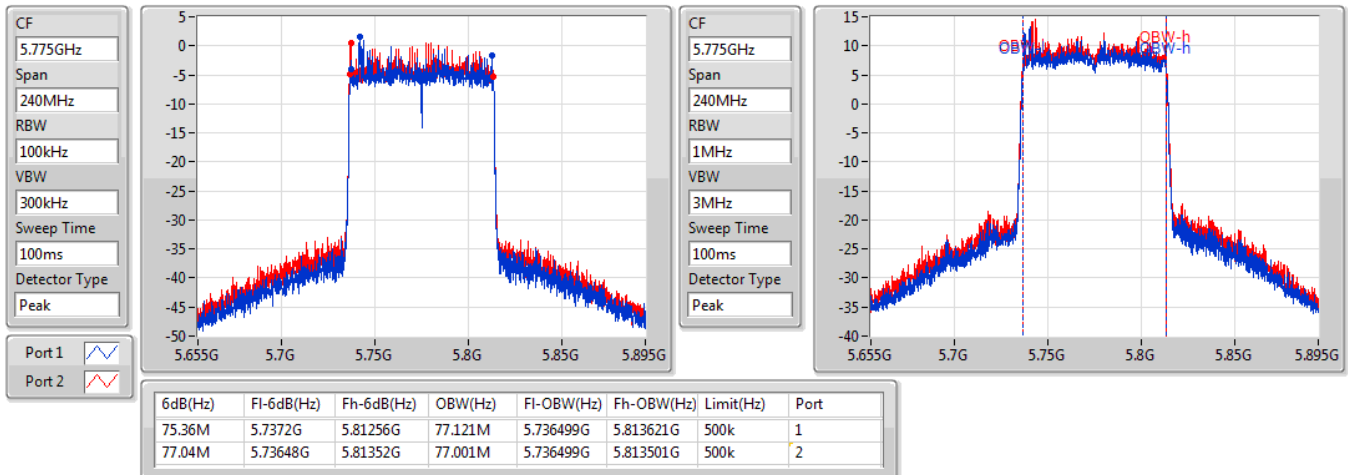


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020



**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	21.57M	17.931M	17M9D1D	21.3M	17.841M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	46.68M	36.582M	36M6D1D	39.84M	36.462M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	81.48M	76.162M	76M2D1D	80.88M	75.562M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.78M	17.781M	17M8D1D	21.21M	16.732M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.54M	37.661M	37M7D1D	40.26M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	80.76M	77.001M	77M0D1D	80.64M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.61M	17.931M	17M9D1D	17.58M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.3M	36.822M	36M8D1D	35.1M	36.582M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	76.08M	76.162M	76M2D1D	75M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.35M	17.241M	17M2D1D	16.32M	16.762M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.56M	37.721M	37M7D1D	37.32M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	77.04M	77.121M	77M1D1D	53.64M	77.001M

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	21.42M	17.901M	21.36M	17.841M
5200MHz	Pass	Inf	21.3M	17.901M	21.45M	17.841M
5240MHz	Pass	Inf	21.57M	17.931M	21.3M	17.871M
5745MHz	Pass	500k	17.61M	17.901M	17.61M	17.901M
5785MHz	Pass	500k	17.58M	17.931M	17.58M	17.901M
5825MHz	Pass	500k	17.61M	17.931M	17.58M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	36.462M	40.56M	36.462M
5230MHz	Pass	Inf	46.68M	36.582M	39.84M	36.522M
5755MHz	Pass	500k	36.3M	36.702M	35.64M	36.582M
5795MHz	Pass	500k	35.7M	36.822M	35.1M	36.582M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	76.162M	81.48M	75.562M
5775MHz	Pass	500k	75M	76.162M	76.08M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.3M	17.781M	21.27M	16.732M
5200MHz	Pass	Inf	21.78M	16.792M	21.27M	16.732M
5240MHz	Pass	Inf	21.21M	16.792M	21.27M	16.732M
5745MHz	Pass	500k	16.32M	17.241M	16.35M	16.762M
5785MHz	Pass	500k	16.35M	16.912M	16.35M	16.822M
5825MHz	Pass	500k	16.32M	16.882M	16.35M	16.762M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.541M	40.44M	37.481M
5230MHz	Pass	Inf	42.54M	37.661M	40.74M	37.541M
5755MHz	Pass	500k	37.38M	37.661M	37.5M	37.601M
5795MHz	Pass	500k	37.56M	37.721M	37.32M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.76M	77.001M	80.64M	77.001M
5775MHz	Pass	500k	53.64M	77.121M	77.04M	77.001M

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

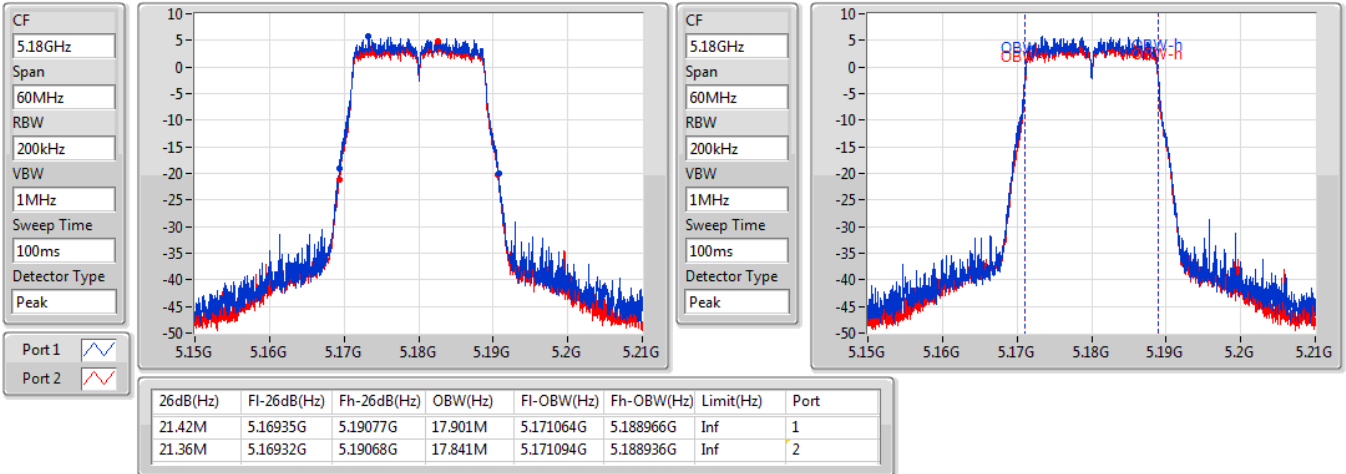
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

24/02/2020

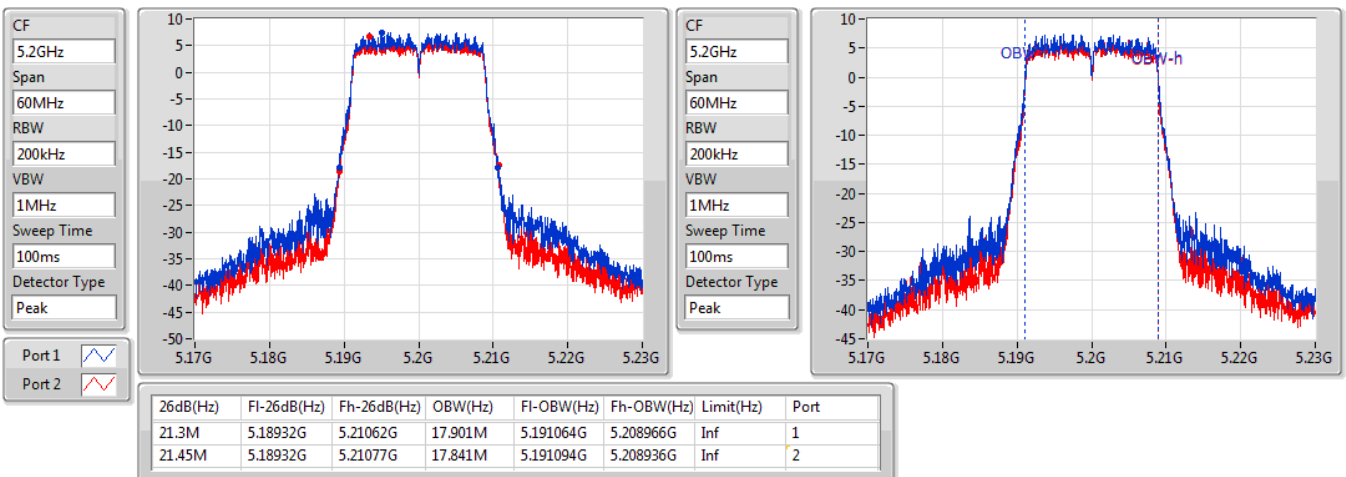


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

24/02/2020

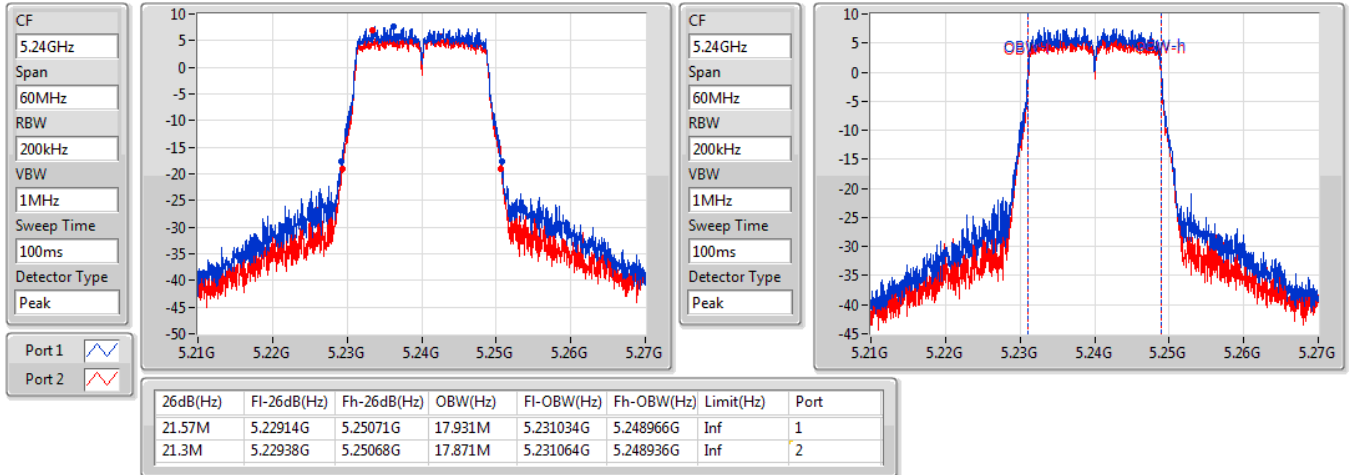


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

24/02/2020

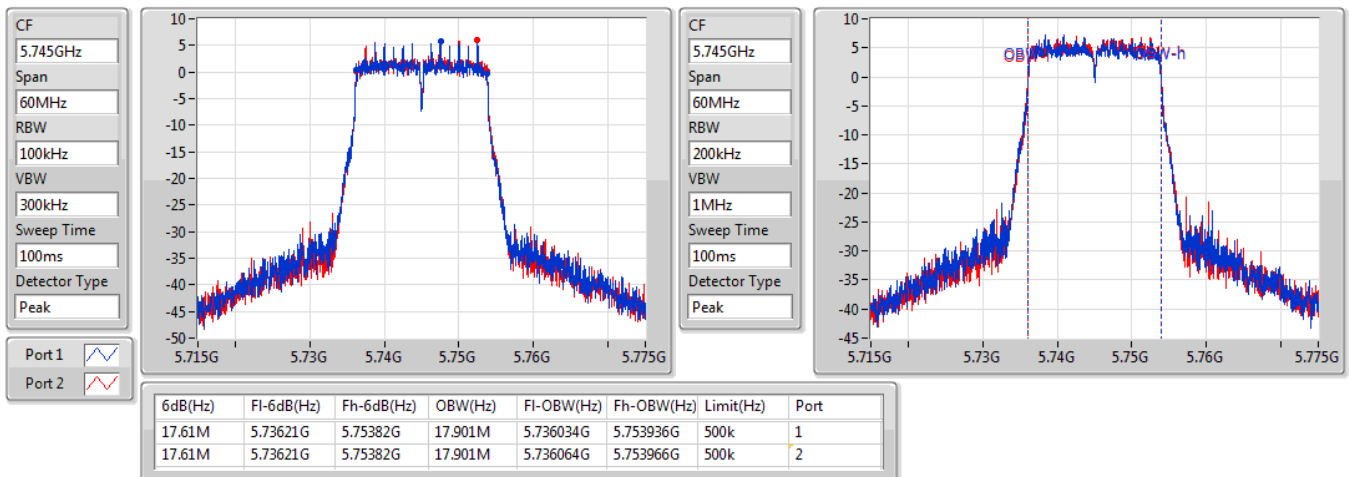


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

24/02/2020

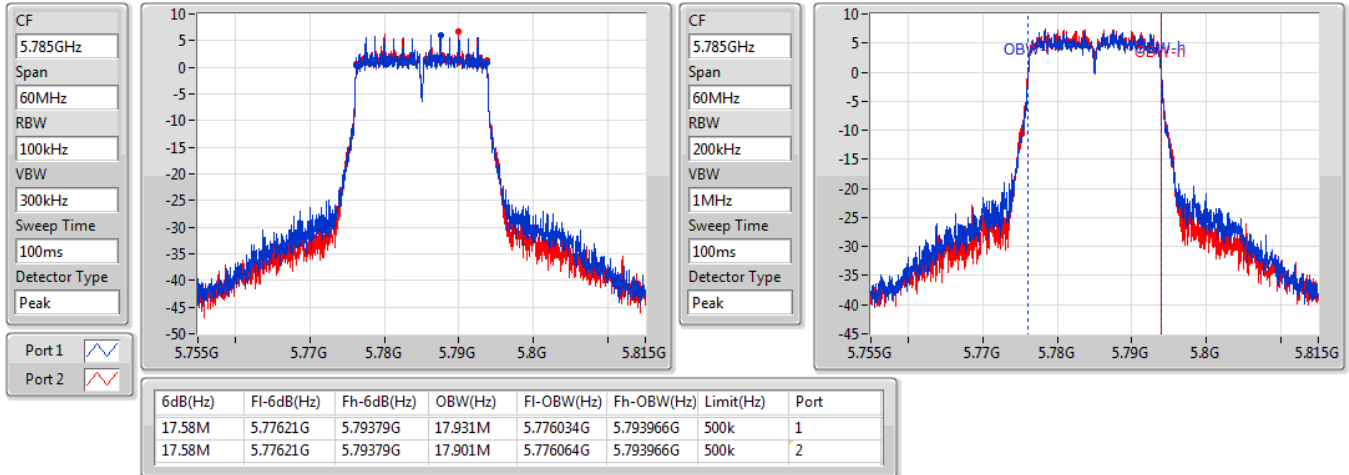


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

24/02/2020

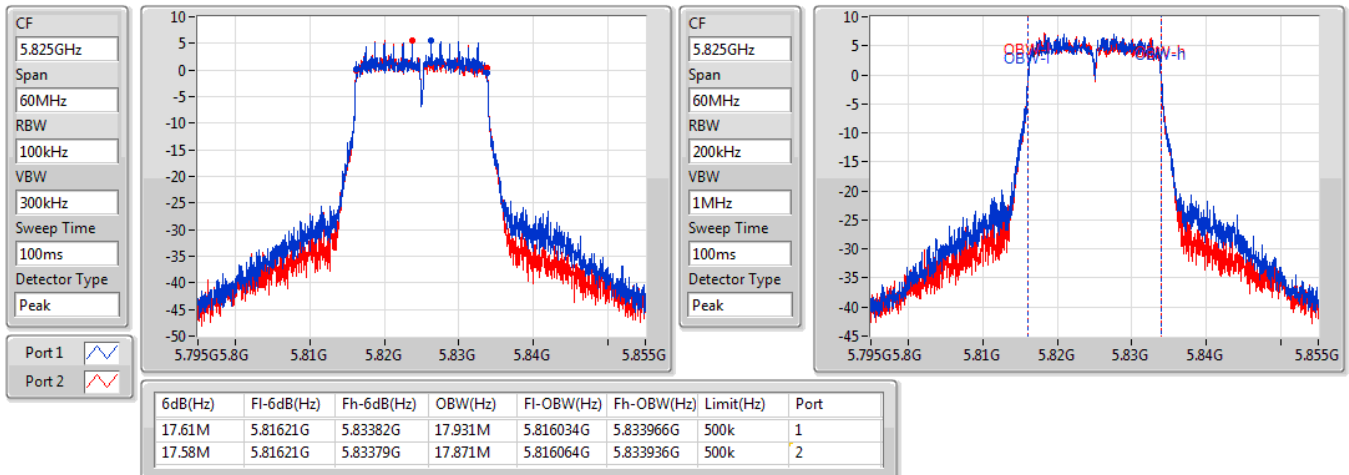


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

24/02/2020

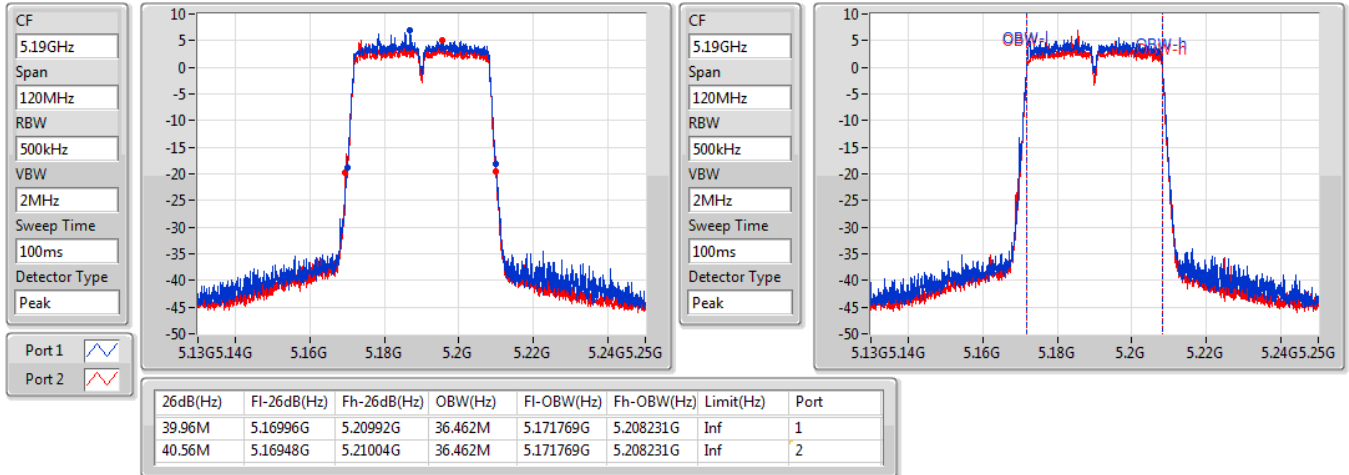


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

24/02/2020

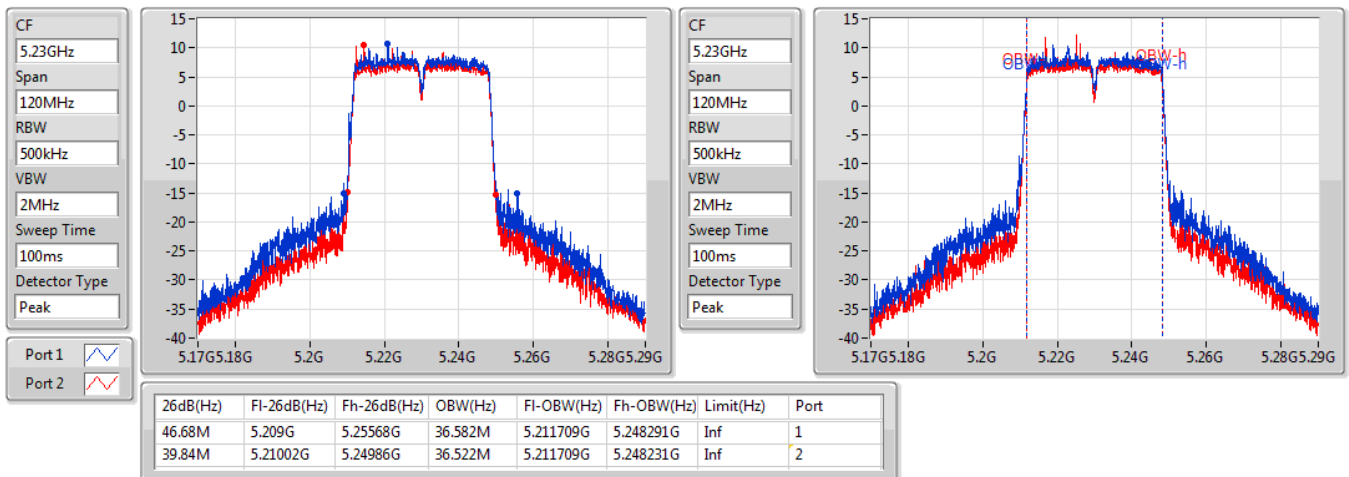


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

24/02/2020

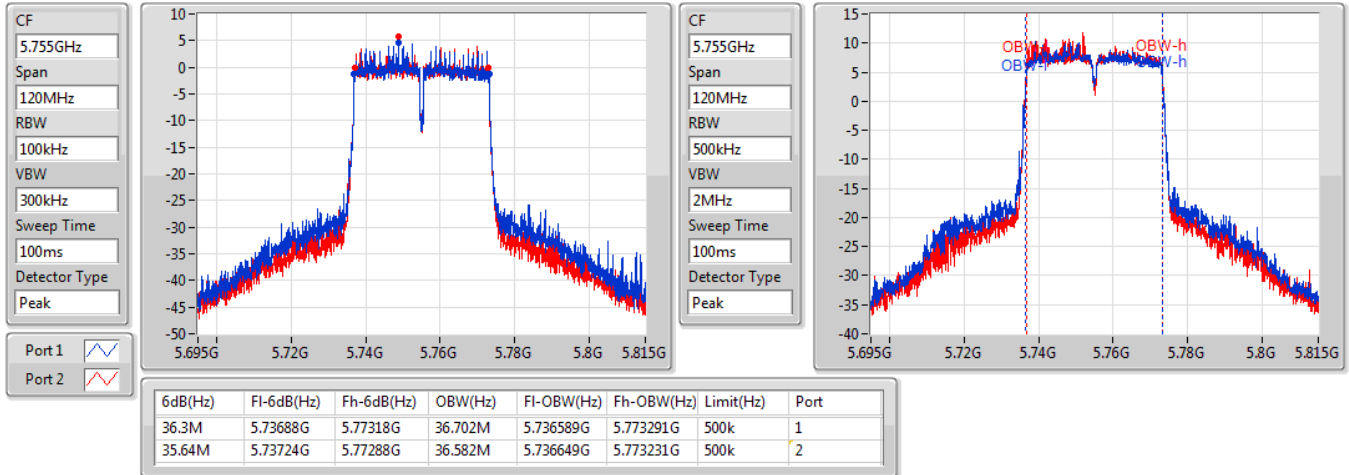


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

24/02/2020

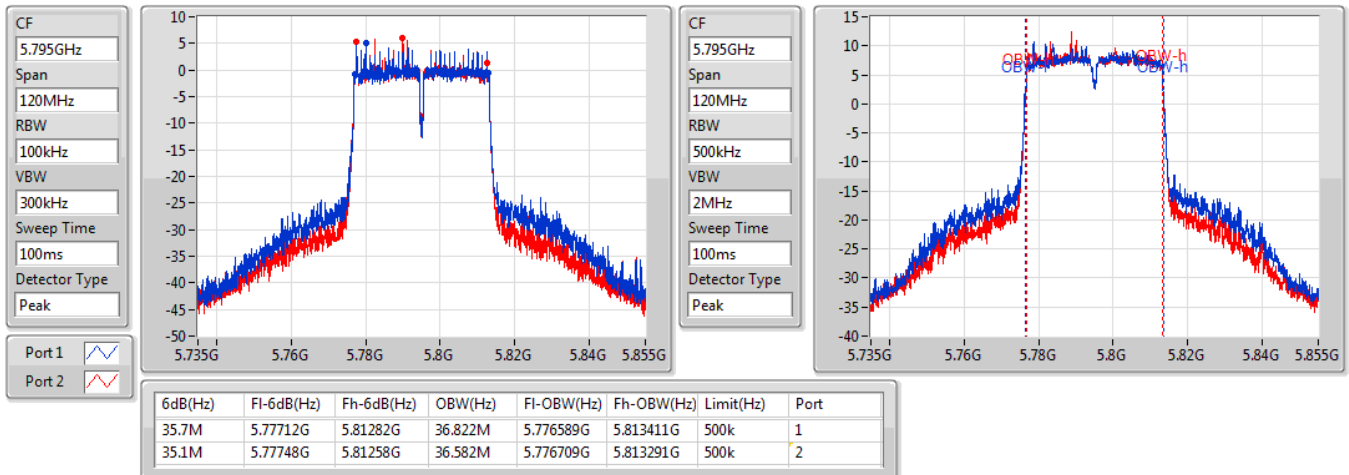


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

24/02/2020

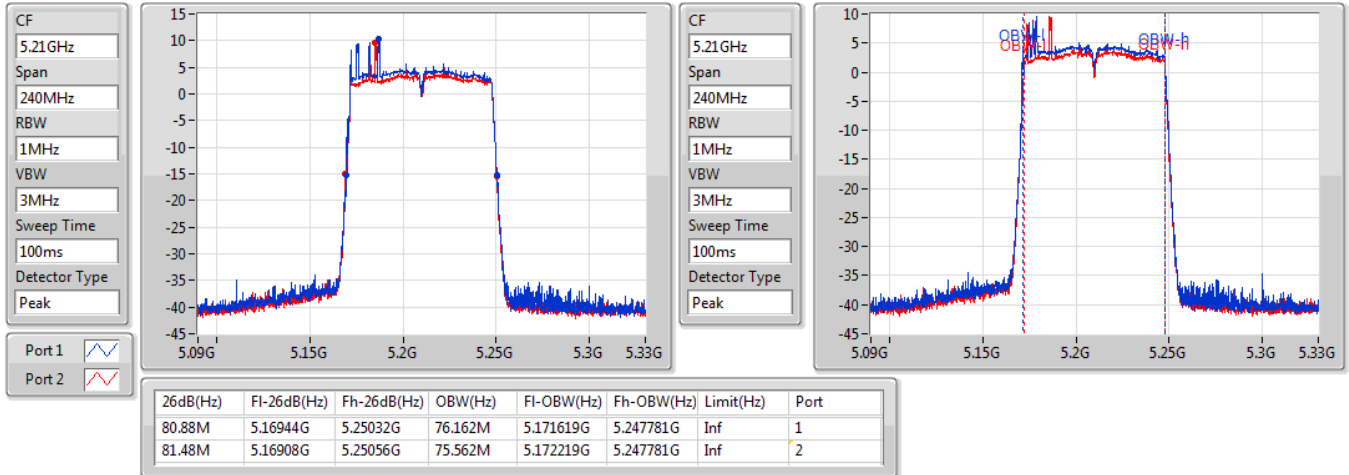


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

24/02/2020

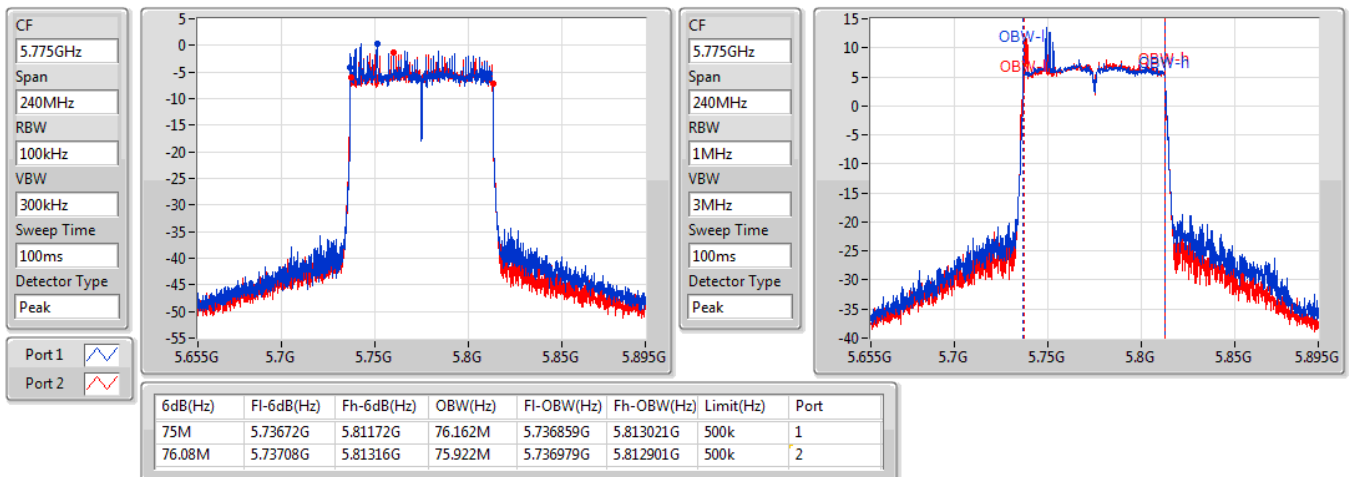


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

25/02/2020

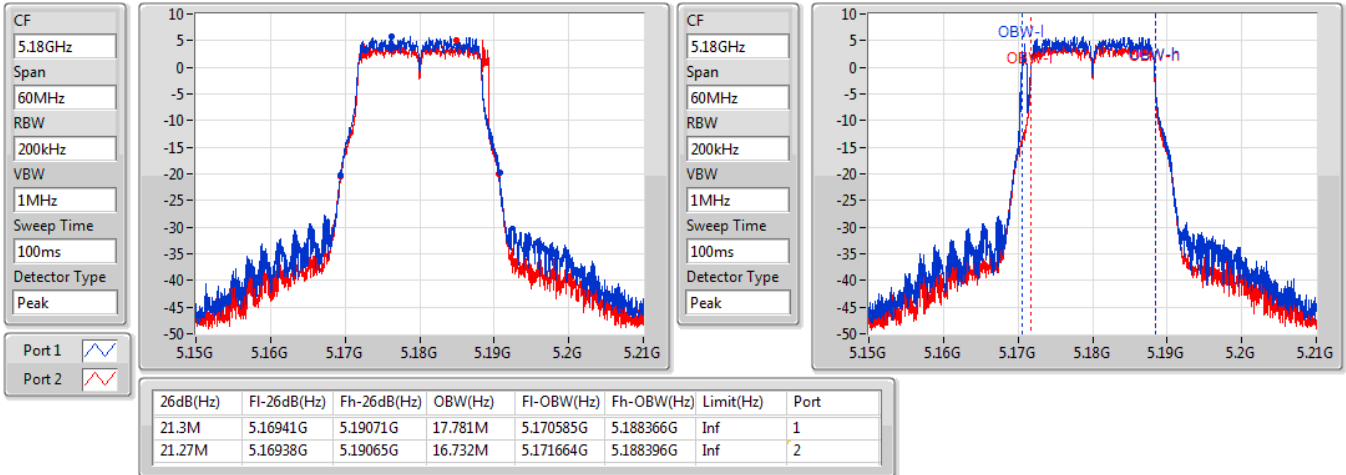


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

24/02/2020

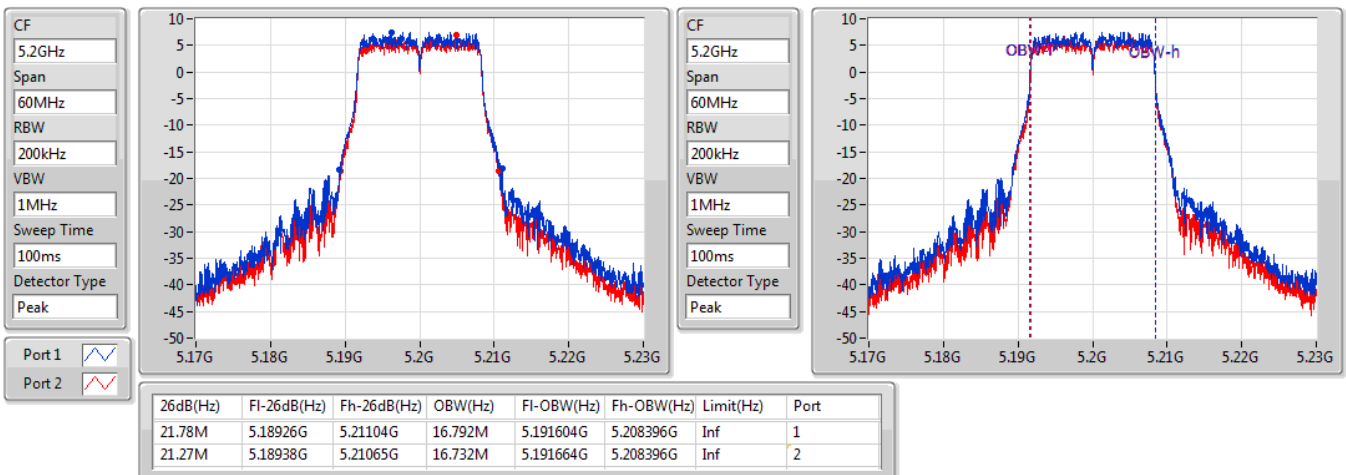


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

24/02/2020

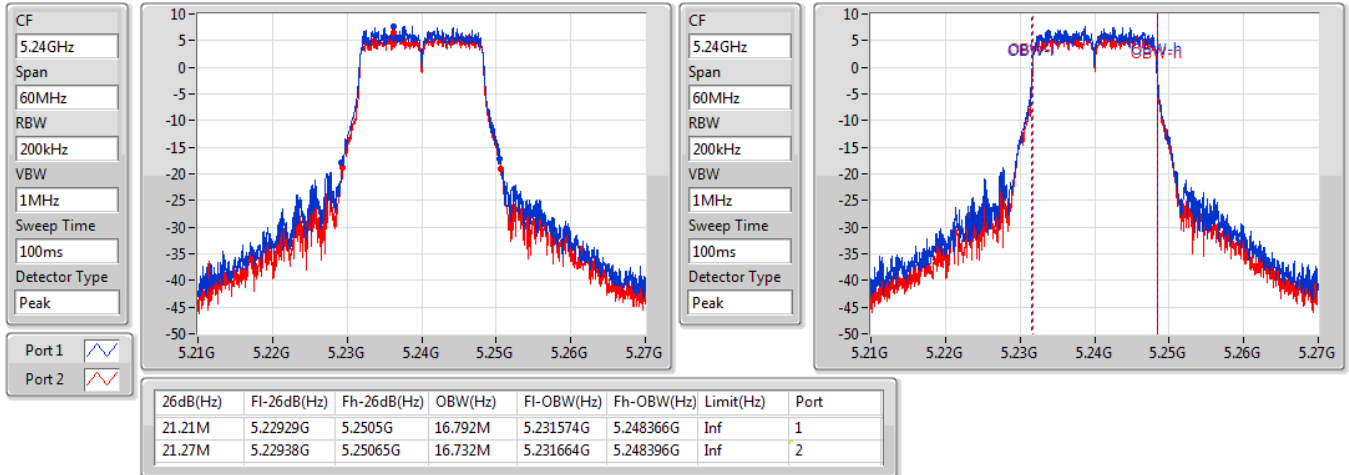


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

24/02/2020

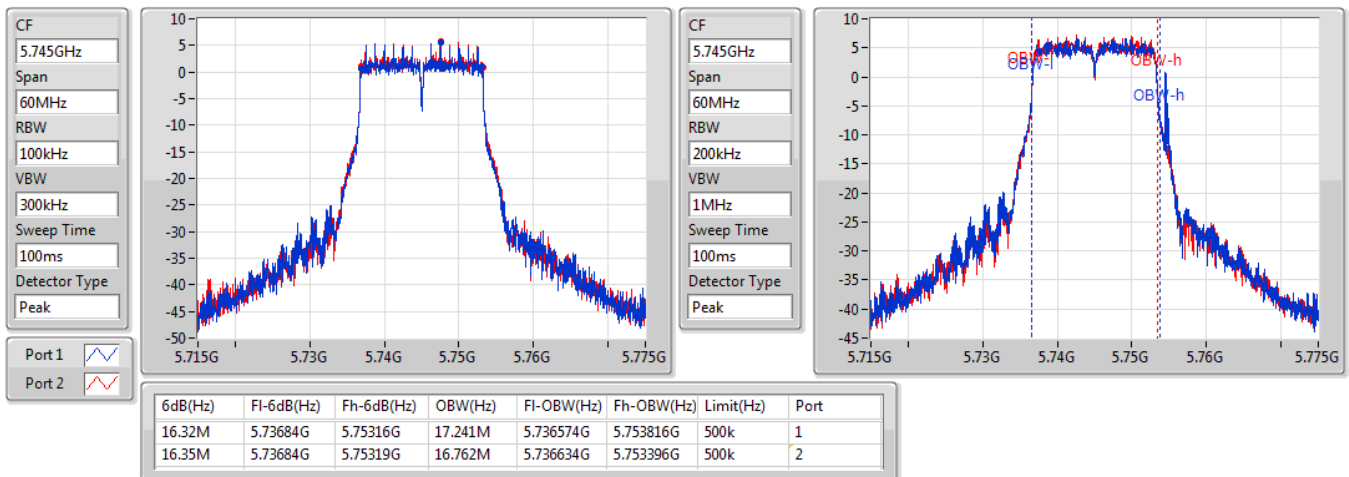


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

24/02/2020

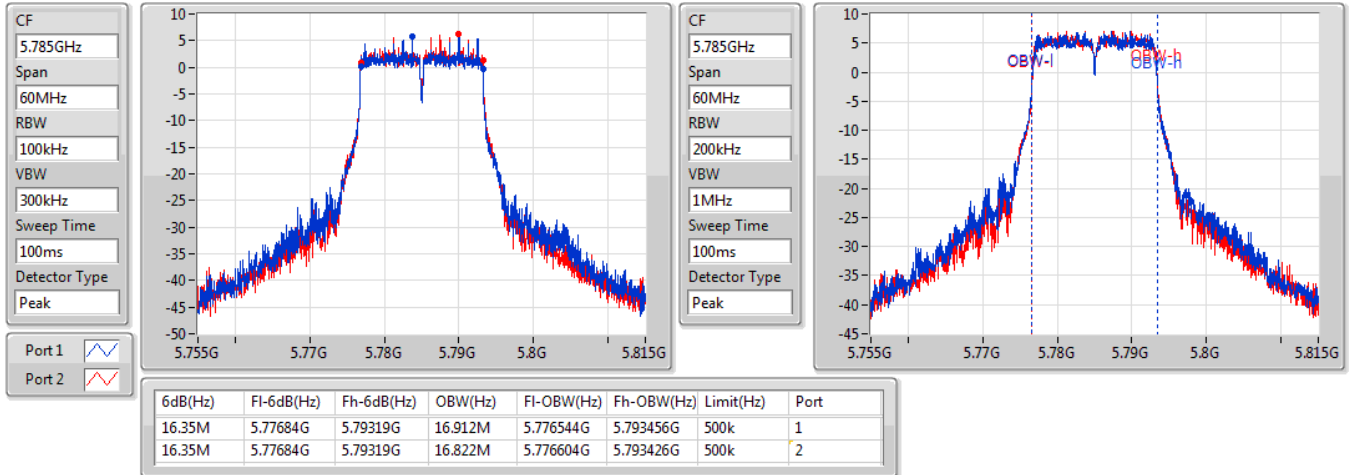


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

24/02/2020

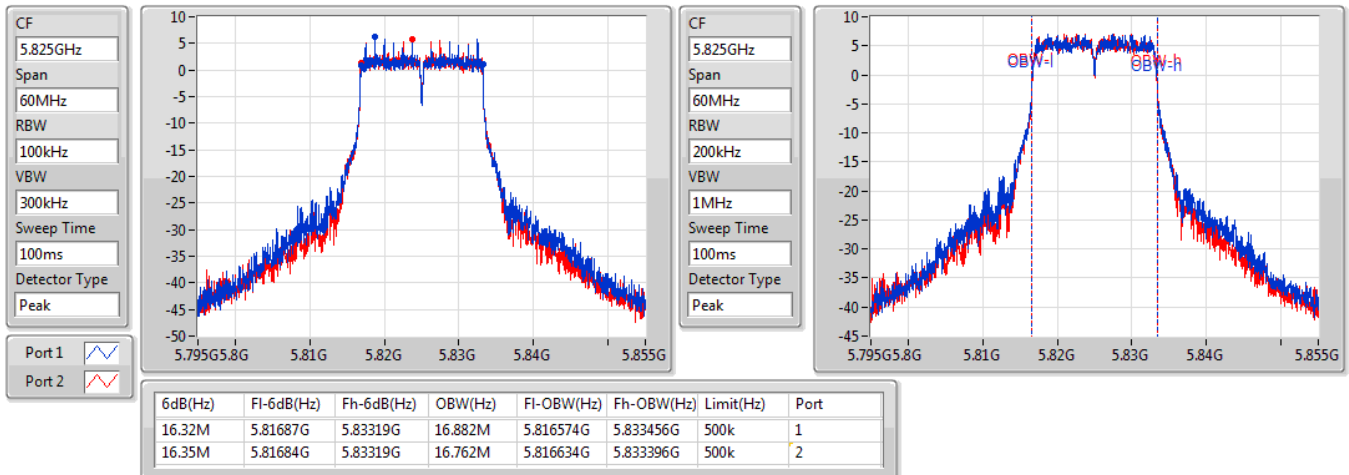


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

24/02/2020

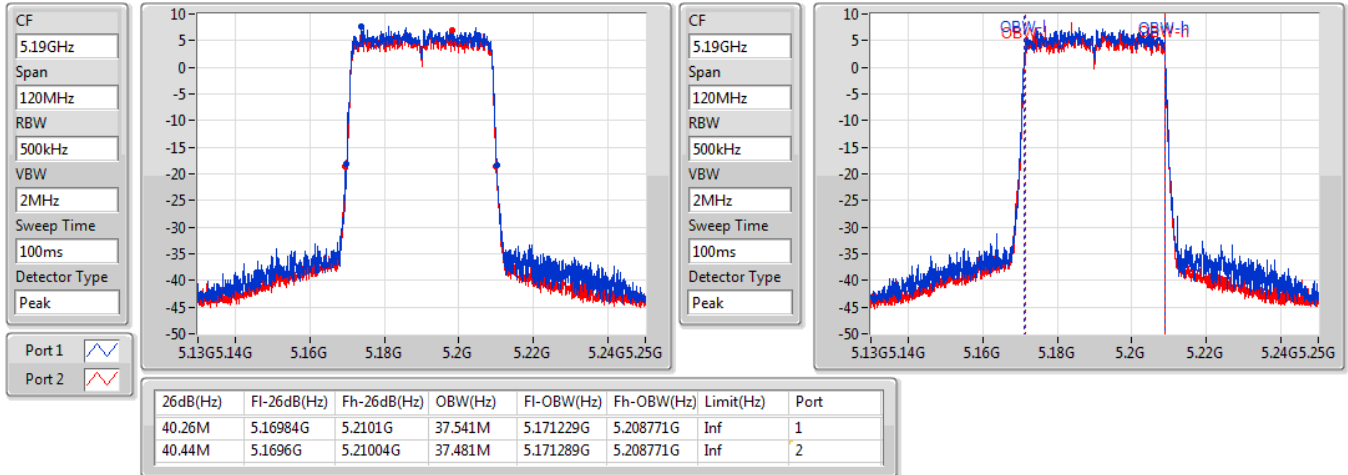


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

25/02/2020

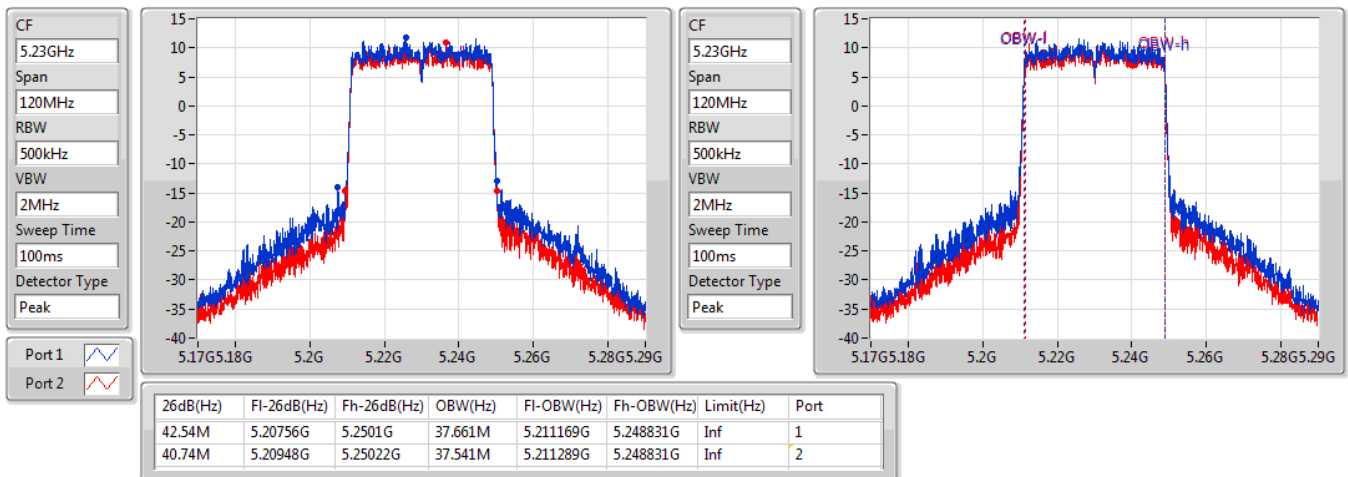


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

24/02/2020

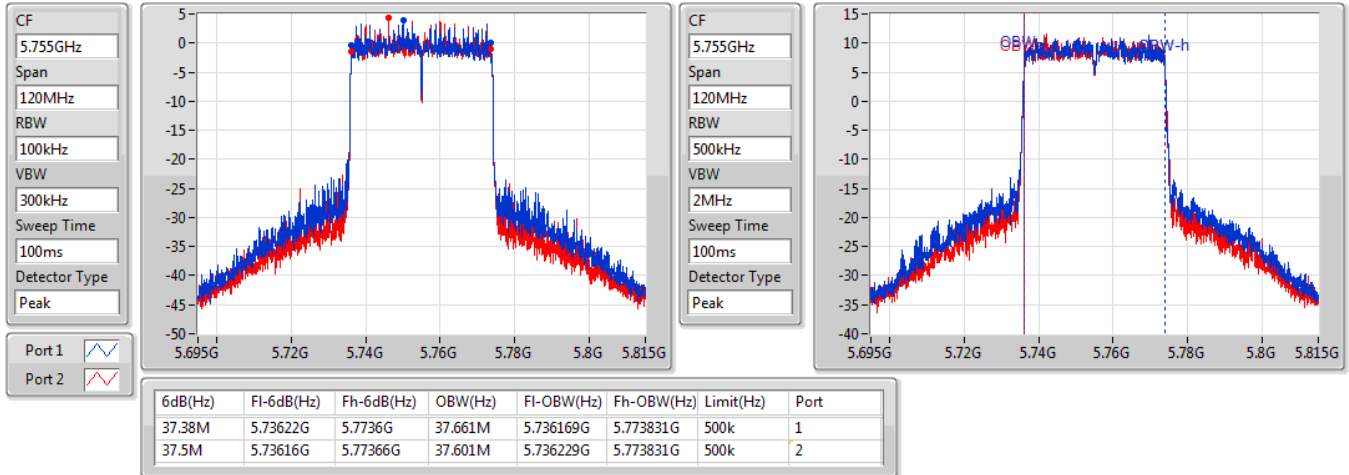


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

24/02/2020

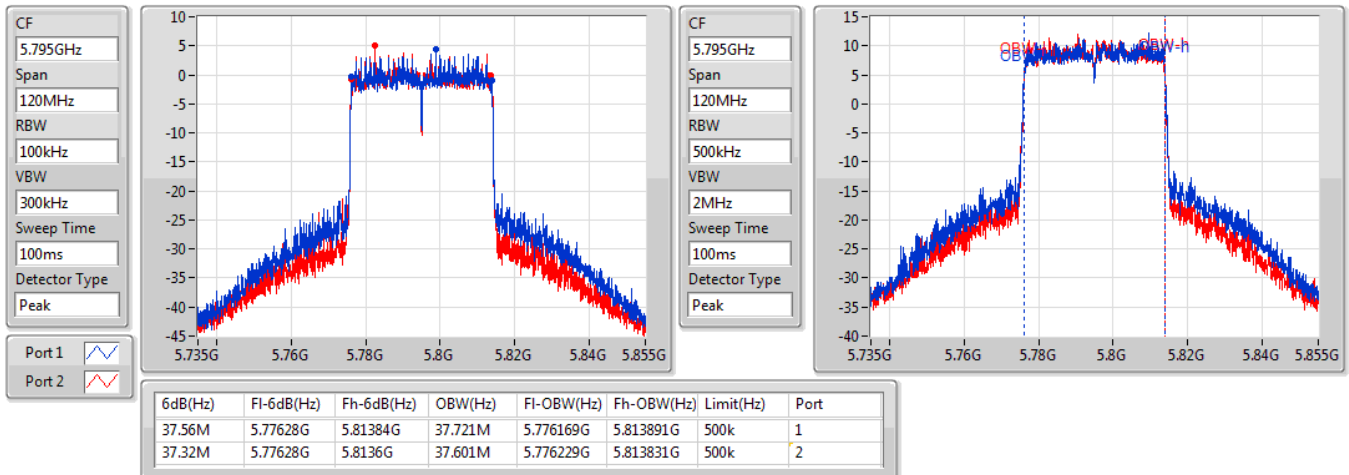


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

24/02/2020

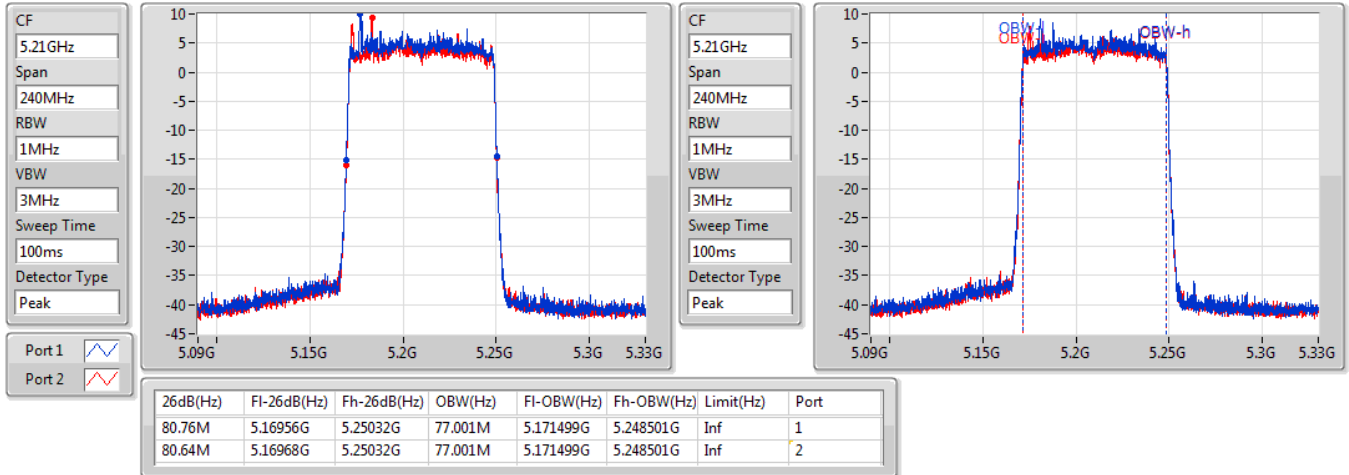


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

24/02/2020

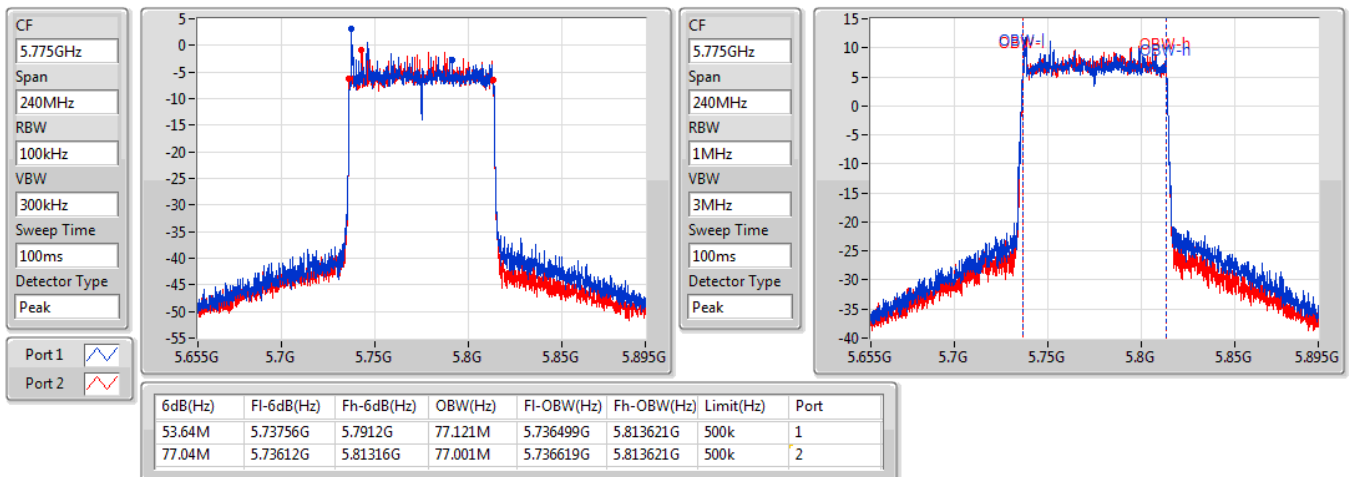


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

24/02/2020





Average Power
Non-Beamforming Indoor Sample 1 Radio 1 1T1S

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.88	0.24434	28.68	0.73790
802.11ac VHT20_Nss1,(MCS0)_1TX	23.49	0.22336	28.29	0.67453
802.11ac VHT40_Nss1,(MCS0)_1TX	22.29	0.16943	27.09	0.51168
802.11ac VHT80_Nss1,(MCS0)_1TX	16.76	0.04742	21.56	0.14322
802.11ax HEW20_Nss1,(MCS0)_1TX	23.70	0.23442	28.50	0.70795
802.11ax HEW40_Nss1,(MCS0)_1TX	22.43	0.17498	27.23	0.52845
802.11ax HEW80_Nss1,(MCS0)_1TX	17.20	0.05248	22.00	0.15849
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.44	0.22080	28.24	0.66681
802.11ac VHT20_Nss1,(MCS0)_1TX	23.39	0.21827	28.19	0.65917
802.11ac VHT40_Nss1,(MCS0)_1TX	23.89	0.24491	28.69	0.73961
802.11ac VHT80_Nss1,(MCS0)_1TX	21.86	0.15346	26.66	0.46345
802.11ax HEW20_Nss1,(MCS0)_1TX	23.54	0.22594	28.34	0.68234
802.11ax HEW40_Nss1,(MCS0)_1TX	23.86	0.24322	28.66	0.73451
802.11ax HEW80_Nss1,(MCS0)_1TX	22.12	0.16293	26.92	0.49204



Average Power
Non-Beamforming Indoor Sample 1 Radio 1 1T1S

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	20.52	20.52	30.00	25.32	36.00
5200MHz_TnomVnom	Pass	4.80	23.88	23.88	30.00	28.68	36.00
5240MHz_TnomVnom	Pass	4.80	23.68	23.68	30.00	28.48	36.00
5745MHz_TnomVnom	Pass	4.80	23.44	23.44	30.00	28.24	36.00
5785MHz_TnomVnom	Pass	4.80	18.61	18.61	30.00	23.41	36.00
5825MHz_TnomVnom	Pass	4.80	18.81	18.81	30.00	23.61	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	19.75	19.75	30.00	24.55	36.00
5200MHz_TnomVnom	Pass	4.80	23.49	23.49	30.00	28.29	36.00
5240MHz_TnomVnom	Pass	4.80	23.06	23.06	30.00	27.86	36.00
5745MHz_TnomVnom	Pass	4.80	23.39	23.39	30.00	28.19	36.00
5785MHz_TnomVnom	Pass	4.80	18.51	18.51	30.00	23.31	36.00
5825MHz_TnomVnom	Pass	4.80	18.16	18.16	30.00	22.96	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	17.24	17.24	30.00	22.04	36.00
5230MHz_TnomVnom	Pass	4.80	22.29	22.29	30.00	27.09	36.00
5755MHz_TnomVnom	Pass	4.80	23.62	23.62	30.00	28.42	36.00
5795MHz_TnomVnom	Pass	4.80	23.89	23.89	30.00	28.69	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	16.76	16.76	30.00	21.56	36.00
5775MHz_TnomVnom	Pass	4.80	21.86	21.86	30.00	26.66	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	19.91	19.91	30.00	24.71	36.00
5200MHz_TnomVnom	Pass	4.80	23.70	23.70	30.00	28.50	36.00
5240MHz_TnomVnom	Pass	4.80	23.44	23.44	30.00	28.24	36.00
5745MHz_TnomVnom	Pass	4.80	23.54	23.54	30.00	28.34	36.00
5785MHz_TnomVnom	Pass	4.80	18.64	18.64	30.00	23.44	36.00
5825MHz_TnomVnom	Pass	4.80	18.29	18.29	30.00	23.09	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	17.32	17.32	30.00	22.12	36.00
5230MHz_TnomVnom	Pass	4.80	22.43	22.43	30.00	27.23	36.00
5755MHz_TnomVnom	Pass	4.80	23.86	23.86	30.00	28.66	36.00
5795MHz_TnomVnom	Pass	4.80	23.84	23.84	30.00	28.64	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	17.20	17.20	30.00	22.00	36.00
5775MHz_TnomVnom	Pass	4.80	22.12	22.12	30.00	26.92	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power
Non-Beamforming Indoor Sample 1 Radio 1 2T2S

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.67	0.36898	30.76	1.19124
802.11ac VHT20_Nss2,(MCS0)_2TX	25.33	0.34119	30.28	1.06660
802.11ac VHT40_Nss2,(MCS0)_2TX	23.23	0.21038	28.18	0.65766
802.11ac VHT80_Nss2,(MCS0)_2TX	17.77	0.05984	22.72	0.18707
802.11ax HEW20_Nss2,(MCS0)_2TX	25.72	0.37325	30.67	1.16681
802.11ax HEW40_Nss2,(MCS0)_2TX	23.51	0.22439	28.46	0.70146
802.11ax HEW80_Nss2,(MCS0)_2TX	17.94	0.06223	22.89	0.19454
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.61	0.18239	27.70	0.58884
802.11ac VHT20_Nss2,(MCS0)_2TX	21.13	0.12972	26.08	0.40551
802.11ac VHT40_Nss2,(MCS0)_2TX	22.76	0.18880	27.71	0.59020
802.11ac VHT80_Nss2,(MCS0)_2TX	22.63	0.18323	27.58	0.57280
802.11ax HEW20_Nss2,(MCS0)_2TX	21.30	0.13490	26.25	0.42170
802.11ax HEW40_Nss2,(MCS0)_2TX	23.06	0.20230	28.01	0.63241
802.11ax HEW80_Nss2,(MCS0)_2TX	22.95	0.19724	27.90	0.61660



Average Power
Non-Beamforming Indoor Sample 1 Radio 1 2T2S

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.09	17.86	17.91	20.90	30.00	25.99	36.00
5200MHz_TnomVnom	Pass	5.09	22.64	22.68	25.67	30.00	30.76	36.00
5240MHz_TnomVnom	Pass	5.09	22.56	22.47	25.53	30.00	30.62	36.00
5745MHz_TnomVnom	Pass	5.09	19.29	19.88	22.61	30.00	27.70	36.00
5785MHz_TnomVnom	Pass	5.09	14.20	14.58	17.40	30.00	22.49	36.00
5825MHz_TnomVnom	Pass	5.09	12.65	13.30	16.00	30.00	21.09	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.95	17.92	17.80	20.87	30.00	25.82	36.00
5200MHz_TnomVnom	Pass	4.95	22.22	22.22	25.23	30.00	30.18	36.00
5240MHz_TnomVnom	Pass	4.95	22.28	22.36	25.33	30.00	30.28	36.00
5745MHz_TnomVnom	Pass	4.95	17.87	18.36	21.13	30.00	26.08	36.00
5785MHz_TnomVnom	Pass	4.95	15.36	15.88	18.64	30.00	23.59	36.00
5825MHz_TnomVnom	Pass	4.95	13.94	14.46	17.22	30.00	22.17	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.95	15.71	15.42	18.58	30.00	23.53	36.00
5230MHz_TnomVnom	Pass	4.95	20.52	19.90	23.23	30.00	28.18	36.00
5755MHz_TnomVnom	Pass	4.95	19.77	19.72	22.76	30.00	27.71	36.00
5795MHz_TnomVnom	Pass	4.95	16.77	16.77	19.78	30.00	24.73	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.95	14.71	14.81	17.77	30.00	22.72	36.00
5775MHz_TnomVnom	Pass	4.95	19.37	19.86	22.63	30.00	27.58	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.95	18.16	18.00	21.09	30.00	26.04	36.00
5200MHz_TnomVnom	Pass	4.95	22.42	22.39	25.42	30.00	30.37	36.00
5240MHz_TnomVnom	Pass	4.95	22.73	22.68	25.72	30.00	30.67	36.00
5745MHz_TnomVnom	Pass	4.95	18.03	18.54	21.30	30.00	26.25	36.00
5785MHz_TnomVnom	Pass	4.95	15.66	15.91	18.80	30.00	23.75	36.00
5825MHz_TnomVnom	Pass	4.95	14.20	14.86	17.55	30.00	22.50	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.95	15.82	15.42	18.63	30.00	23.58	36.00
5230MHz_TnomVnom	Pass	4.95	20.71	20.28	23.51	30.00	28.46	36.00
5755MHz_TnomVnom	Pass	4.95	20.02	20.07	23.06	30.00	28.01	36.00
5795MHz_TnomVnom	Pass	4.95	16.97	17.04	20.02	30.00	24.97	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.95	14.87	14.98	17.94	30.00	22.89	36.00
5775MHz_TnomVnom	Pass	4.95	19.67	20.20	22.95	30.00	27.90	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power
Non-Beamforming Indoor Sample 1 Radio 2_1T1S

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.04	0.20137	27.98	0.62806
802.11ac VHT20_Nss1,(MCS0)_1TX	22.75	0.18836	27.69	0.58749
802.11ac VHT40_Nss1,(MCS0)_1TX	21.61	0.14488	26.55	0.45186
802.11ac VHT80_Nss1,(MCS0)_1TX	17.65	0.05821	22.59	0.18155
802.11ax HEW20_Nss1,(MCS0)_1TX	22.88	0.19409	27.82	0.60534
802.11ax HEW40_Nss1,(MCS0)_1TX	21.67	0.14689	26.61	0.45814
802.11ax HEW80_Nss1,(MCS0)_1TX	17.66	0.05834	22.60	0.18197
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.59	0.18155	27.53	0.56624
802.11ac VHT20_Nss1,(MCS0)_1TX	22.94	0.19679	27.88	0.61376
802.11ac VHT40_Nss1,(MCS0)_1TX	22.58	0.18113	27.52	0.56494
802.11ac VHT80_Nss1,(MCS0)_1TX	21.22	0.13243	26.16	0.41305
802.11ax HEW20_Nss1,(MCS0)_1TX	23.30	0.21380	28.24	0.66681
802.11ax HEW40_Nss1,(MCS0)_1TX	22.67	0.18493	27.61	0.57677
802.11ax HEW80_Nss1,(MCS0)_1TX	21.33	0.13583	26.27	0.42364



Average Power
Non-Beamforming Indoor Sample 1 Radio 2 1T1S

Appendix C.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.94	19.50	19.50	30.00	24.44	36.00
5200MHz_TnomVnom	Pass	4.94	23.04	23.04	30.00	27.98	36.00
5240MHz_TnomVnom	Pass	4.94	22.60	22.60	30.00	27.54	36.00
5745MHz_TnomVnom	Pass	4.94	22.59	22.59	30.00	27.53	36.00
5785MHz_TnomVnom	Pass	4.94	22.47	22.47	30.00	27.41	36.00
5825MHz_TnomVnom	Pass	4.94	21.95	21.95	30.00	26.89	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.94	18.71	18.71	30.00	23.65	36.00
5200MHz_TnomVnom	Pass	4.94	22.75	22.75	30.00	27.69	36.00
5240MHz_TnomVnom	Pass	4.94	22.40	22.40	30.00	27.34	36.00
5745MHz_TnomVnom	Pass	4.94	22.94	22.94	30.00	27.88	36.00
5785MHz_TnomVnom	Pass	4.94	22.72	22.72	30.00	27.66	36.00
5825MHz_TnomVnom	Pass	4.94	22.39	22.39	30.00	27.33	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.94	17.27	17.27	30.00	22.21	36.00
5230MHz_TnomVnom	Pass	4.94	21.61	21.61	30.00	26.55	36.00
5755MHz_TnomVnom	Pass	4.94	22.58	22.58	30.00	27.52	36.00
5795MHz_TnomVnom	Pass	4.94	22.48	22.48	30.00	27.42	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.94	17.65	17.65	30.00	22.59	36.00
5775MHz_TnomVnom	Pass	4.94	21.22	21.22	30.00	26.16	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.94	18.86	18.86	30.00	23.80	36.00
5200MHz_TnomVnom	Pass	4.94	22.88	22.88	30.00	27.82	36.00
5240MHz_TnomVnom	Pass	4.94	22.43	22.43	30.00	27.37	36.00
5745MHz_TnomVnom	Pass	4.94	23.30	23.30	30.00	28.24	36.00
5785MHz_TnomVnom	Pass	4.94	23.05	23.05	30.00	27.99	36.00
5825MHz_TnomVnom	Pass	4.94	22.67	22.67	30.00	27.61	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.94	17.29	17.29	30.00	22.23	36.00
5230MHz_TnomVnom	Pass	4.94	21.67	21.67	30.00	26.61	36.00
5755MHz_TnomVnom	Pass	4.94	22.67	22.67	30.00	27.61	36.00
5795MHz_TnomVnom	Pass	4.94	22.62	22.62	30.00	27.56	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.94	17.66	17.66	30.00	22.60	36.00
5775MHz_TnomVnom	Pass	4.94	21.33	21.33	30.00	26.27	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power
Non-Beamforming Indoor Sample 1 Radio 2 2T2S

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.04	0.40179	31.14	1.30017
802.11ac VHT20_Nss2,(MCS0)_2TX	25.05	0.31989	30.07	1.01625
802.11ac VHT40_Nss2,(MCS0)_2TX	23.71	0.23496	28.73	0.74645
802.11ac VHT80_Nss2,(MCS0)_2TX	19.02	0.07980	24.04	0.25351
802.11ax HEW20_Nss2,(MCS0)_2TX	25.69	0.37068	30.71	1.17761
802.11ax HEW40_Nss2,(MCS0)_2TX	23.92	0.24660	28.94	0.78343
802.11ax HEW80_Nss2,(MCS0)_2TX	19.26	0.08433	24.28	0.26792
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.03	0.40087	31.13	1.29718
802.11ac VHT20_Nss2,(MCS0)_2TX	25.78	0.37844	30.80	1.20226
802.11ac VHT40_Nss2,(MCS0)_2TX	25.25	0.33497	30.27	1.06414
802.11ac VHT80_Nss2,(MCS0)_2TX	23.08	0.20324	28.10	0.64565
802.11ax HEW20_Nss2,(MCS0)_2TX	26.02	0.39994	31.04	1.27057
802.11ax HEW40_Nss2,(MCS0)_2TX	25.36	0.34356	30.38	1.09144
802.11ax HEW80_Nss2,(MCS0)_2TX	23.21	0.20941	28.23	0.66527



Average Power
Non-Beamforming Indoor Sample 1 Radio 2_2T2S

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.10	19.29	19.01	22.16	30.00	27.26	36.00
5200MHz_TnomVnom	Pass	5.10	23.19	22.86	26.04	30.00	31.14	36.00
5240MHz_TnomVnom	Pass	5.10	22.66	22.38	25.53	30.00	30.63	36.00
5745MHz_TnomVnom	Pass	5.10	22.98	23.05	26.03	30.00	31.13	36.00
5785MHz_TnomVnom	Pass	5.10	22.58	22.87	25.74	30.00	30.84	36.00
5825MHz_TnomVnom	Pass	5.10	22.20	22.63	25.43	30.00	30.53	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.02	18.06	17.67	20.88	30.00	25.90	36.00
5200MHz_TnomVnom	Pass	5.02	22.27	21.80	25.05	30.00	30.07	36.00
5240MHz_TnomVnom	Pass	5.02	22.28	21.71	25.01	30.00	30.03	36.00
5745MHz_TnomVnom	Pass	5.02	22.73	22.80	25.78	30.00	30.80	36.00
5785MHz_TnomVnom	Pass	5.02	22.50	22.76	25.64	30.00	30.66	36.00
5825MHz_TnomVnom	Pass	5.02	22.15	22.54	25.36	30.00	30.38	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.02	16.32	15.67	19.02	30.00	24.04	36.00
5230MHz_TnomVnom	Pass	5.02	21.01	20.37	23.71	30.00	28.73	36.00
5755MHz_TnomVnom	Pass	5.02	22.20	22.13	25.18	30.00	30.20	36.00
5795MHz_TnomVnom	Pass	5.02	22.17	22.30	25.25	30.00	30.27	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.02	16.17	15.84	19.02	30.00	24.04	36.00
5775MHz_TnomVnom	Pass	5.02	20.15	19.98	23.08	30.00	28.10	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.02	18.43	17.86	21.16	30.00	26.18	36.00
5200MHz_TnomVnom	Pass	5.02	22.57	22.11	25.36	30.00	30.38	36.00
5240MHz_TnomVnom	Pass	5.02	22.85	22.51	25.69	30.00	30.71	36.00
5745MHz_TnomVnom	Pass	5.02	22.95	23.07	26.02	30.00	31.04	36.00
5785MHz_TnomVnom	Pass	5.02	22.70	22.98	25.85	30.00	30.87	36.00
5825MHz_TnomVnom	Pass	5.02	22.34	22.61	25.49	30.00	30.51	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.02	16.45	15.86	19.18	30.00	24.20	36.00
5230MHz_TnomVnom	Pass	5.02	21.20	20.59	23.92	30.00	28.94	36.00
5755MHz_TnomVnom	Pass	5.02	22.37	22.29	25.34	30.00	30.36	36.00
5795MHz_TnomVnom	Pass	5.02	22.30	22.40	25.36	30.00	30.38	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.02	16.33	16.17	19.26	30.00	24.28	36.00
5775MHz_TnomVnom	Pass	5.02	20.20	20.19	23.21	30.00	28.23	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power
Non-Beamforming Indoor Sample 2 Radio 1 Omni 1T1S

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.53	0.22542	31.53	1.42233
802.11ac VHT20_Nss1,(MCS0)_1TX	23.27	0.21232	31.27	1.33968
802.11ac VHT40_Nss1,(MCS0)_1TX	20.63	0.11561	28.63	0.72946
802.11ac VHT80_Nss1,(MCS0)_1TX	15.31	0.03396	23.31	0.21429
802.11ax HEW20_Nss1,(MCS0)_1TX	23.31	0.21429	31.31	1.35207
802.11ax HEW40_Nss1,(MCS0)_1TX	20.66	0.11641	28.66	0.73451
802.11ax HEW80_Nss1,(MCS0)_1TX	15.63	0.03656	23.63	0.23067
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.43	0.22029	31.43	1.38995
802.11ac VHT20_Nss1,(MCS0)_1TX	23.24	0.21086	31.24	1.33045
802.11ac VHT40_Nss1,(MCS0)_1TX	22.11	0.16255	30.11	1.02565
802.11ac VHT80_Nss1,(MCS0)_1TX	17.25	0.05309	25.25	0.33497
802.11ax HEW20_Nss1,(MCS0)_1TX	23.28	0.21281	31.28	1.34276
802.11ax HEW40_Nss1,(MCS0)_1TX	22.33	0.17100	30.33	1.07895
802.11ax HEW80_Nss1,(MCS0)_1TX	17.60	0.05754	25.60	0.36308



Average Power
Non-Beamforming Indoor Sample 2 Radio 1 Omni 1T1S

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.3	19.30	28.00	27.30	36.00
5200MHz	Pass	8.00	23.53	23.53	28.00	31.53	36.00
5240MHz	Pass	8.00	23.3	23.30	28.00	31.30	36.00
5745MHz	Pass	8.00	20.59	20.59	28.00	28.59	36.00
5785MHz	Pass	8.00	23.4	23.40	28.00	31.40	36.00
5825MHz	Pass	8.00	23.43	23.43	28.00	31.43	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.9	17.90	28.00	25.90	36.00
5200MHz	Pass	8.00	22.11	22.11	28.00	30.11	36.00
5240MHz	Pass	8.00	23.27	23.27	28.00	31.27	36.00
5745MHz	Pass	8.00	22.82	22.82	28.00	30.82	36.00
5785MHz	Pass	8.00	23.18	23.18	28.00	31.18	36.00
5825MHz	Pass	8.00	23.24	23.24	28.00	31.24	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.82	15.82	28.00	23.82	36.00
5230MHz	Pass	8.00	20.63	20.63	28.00	28.63	36.00
5755MHz	Pass	8.00	20.73	20.73	28.00	28.73	36.00
5795MHz	Pass	8.00	22.11	22.11	28.00	30.11	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.31	15.31	28.00	23.31	36.00
5775MHz	Pass	8.00	17.25	17.25	28.00	25.25	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	18.08	18.08	28.00	26.08	36.00
5200MHz	Pass	8.00	22.22	22.22	28.00	30.22	36.00
5240MHz	Pass	8.00	23.31	23.31	28.00	31.31	36.00
5745MHz	Pass	8.00	22.87	22.87	28.00	30.87	36.00
5785MHz	Pass	8.00	23.2	23.20	28.00	31.20	36.00
5825MHz	Pass	8.00	23.28	23.28	28.00	31.28	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.9	15.90	28.00	23.90	36.00
5230MHz	Pass	8.00	20.66	20.66	28.00	28.66	36.00
5755MHz	Pass	8.00	20.89	20.89	28.00	28.89	36.00
5795MHz	Pass	8.00	22.33	22.33	28.00	30.33	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.63	15.63	28.00	23.63	36.00
5775MHz	Pass	8.00	17.6	17.60	28.00	25.60	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power
Non-Beamforming Indoor Sample 2 Radio 1 Omni 2T2S

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.70	0.29512	32.70	1.86209
802.11ac VHT20_Nss2,(MCS0)_2TX	25.84	0.38371	33.84	2.42103
802.11ac VHT40_Nss2,(MCS0)_2TX	21.89	0.15453	29.89	0.97499
802.11ac VHT80_Nss2,(MCS0)_2TX	16.55	0.04519	24.55	0.28510
802.11ax HEW20_Nss2,(MCS0)_2TX	26.11	0.40832	34.11	2.57632
802.11ax HEW40_Nss2,(MCS0)_2TX	21.91	0.15524	29.91	0.97949
802.11ax HEW80_Nss2,(MCS0)_2TX	16.57	0.04539	24.57	0.28642
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.62	0.23014	31.62	1.45211
802.11ac VHT20_Nss2,(MCS0)_2TX	23.98	0.25003	31.98	1.57761
802.11ac VHT40_Nss2,(MCS0)_2TX	23.30	0.21380	31.30	1.34896
802.11ac VHT80_Nss2,(MCS0)_2TX	20.13	0.10304	28.13	0.65013
802.11ax HEW20_Nss2,(MCS0)_2TX	24.18	0.26182	32.18	1.65196
802.11ax HEW40_Nss2,(MCS0)_2TX	23.31	0.21429	31.31	1.35207
802.11ax HEW80_Nss2,(MCS0)_2TX	20.17	0.10399	28.17	0.65615



Average Power
Non-Beamforming Indoor Sample 2 Radio 1 Omni 2T2S

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	16.25	16.36	19.32	28.00	27.32	36.00
5200MHz	Pass	8.00	21.62	21.76	24.70	28.00	32.70	36.00
5240MHz	Pass	8.00	21.54	21.56	24.56	28.00	32.56	36.00
5745MHz	Pass	8.00	20.16	21.02	23.62	28.00	31.62	36.00
5785MHz	Pass	8.00	17.11	17.91	20.54	28.00	28.54	36.00
5825MHz	Pass	8.00	13.59	13.75	16.68	28.00	24.68	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	16.03	16.22	19.14	28.00	27.14	36.00
5200MHz	Pass	8.00	20.51	20.64	23.59	28.00	31.59	36.00
5240MHz	Pass	8.00	22.75	22.91	25.84	28.00	33.84	36.00
5745MHz	Pass	8.00	20.69	21.24	23.98	28.00	31.98	36.00
5785MHz	Pass	8.00	18.98	19.54	22.28	28.00	30.28	36.00
5825MHz	Pass	8.00	13.08	13.33	16.22	28.00	24.22	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	14.03	13.95	17.00	28.00	25.00	36.00
5230MHz	Pass	8.00	18.95	18.81	21.89	28.00	29.89	36.00
5755MHz	Pass	8.00	18.92	18.84	21.89	28.00	29.89	36.00
5795MHz	Pass	8.00	20.30	20.28	23.30	28.00	31.30	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	13.49	13.59	16.55	28.00	24.55	36.00
5775MHz	Pass	8.00	16.86	17.36	20.13	28.00	28.13	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	16.46	16.53	19.51	28.00	27.51	36.00
5200MHz	Pass	8.00	20.98	20.98	23.99	28.00	31.99	36.00
5240MHz	Pass	8.00	23.03	23.16	26.11	28.00	34.11	36.00
5745MHz	Pass	8.00	20.90	21.42	24.18	28.00	32.18	36.00
5785MHz	Pass	8.00	19.19	19.71	22.47	28.00	30.47	36.00
5825MHz	Pass	8.00	13.30	13.82	16.58	28.00	24.58	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	14.16	14.03	17.11	28.00	25.11	36.00
5230MHz	Pass	8.00	18.96	18.84	21.91	28.00	29.91	36.00
5755MHz	Pass	8.00	18.93	18.91	21.93	28.00	29.93	36.00
5795MHz	Pass	8.00	20.32	20.28	23.31	28.00	31.31	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	13.56	13.56	16.57	28.00	24.57	36.00
5775MHz	Pass	8.00	16.89	17.41	20.17	28.00	28.17	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power
Non-Beamforming Indoor Sample 2 Radio 1 Panel 1 1T1S **Appendix C.7**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.62	0.23014	34.32	2.70396
802.11ac VHT20_Nss1,(MCS0)_1TX	23.49	0.22336	34.19	2.62422
802.11ac VHT40_Nss1,(MCS0)_1TX	21.08	0.12823	31.78	1.50661
802.11ac VHT80_Nss1,(MCS0)_1TX	15.32	0.03404	26.02	0.39994
802.11ax HEW20_Nss1,(MCS0)_1TX	23.79	0.23933	34.49	2.81190
802.11ax HEW40_Nss1,(MCS0)_1TX	21.22	0.13243	31.92	1.55597
802.11ax HEW80_Nss1,(MCS0)_1TX	15.47	0.03524	26.17	0.41400
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.50	0.22387	34.20	2.63027
802.11ac VHT20_Nss1,(MCS0)_1TX	23.45	0.22131	34.15	2.60016
802.11ac VHT40_Nss1,(MCS0)_1TX	22.32	0.17061	33.02	2.00447
802.11ac VHT80_Nss1,(MCS0)_1TX	17.03	0.05047	27.73	0.59293
802.11ax HEW20_Nss1,(MCS0)_1TX	23.62	0.23014	34.32	2.70396
802.11ax HEW40_Nss1,(MCS0)_1TX	22.56	0.18030	33.26	2.11836
802.11ax HEW80_Nss1,(MCS0)_1TX	17.39	0.05483	28.09	0.64417



Average Power
Non-Beamforming Indoor Sample 2 Radio 1 Panel 1 1T1S

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	19.29	19.29	25.30	29.99	36.00
5200MHz	Pass	10.70	23.47	23.47	25.30	34.17	36.00
5240MHz	Pass	10.70	23.62	23.62	25.30	34.32	36.00
5745MHz	Pass	10.70	22.34	22.34	25.30	33.04	36.00
5785MHz	Pass	10.70	23.50	23.50	25.30	34.20	36.00
5825MHz	Pass	10.70	23.48	23.48	25.30	34.18	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.83	17.83	25.30	28.53	36.00
5200MHz	Pass	10.70	22.32	22.32	25.30	33.02	36.00
5240MHz	Pass	10.70	23.49	23.49	25.30	34.19	36.00
5745MHz	Pass	10.70	21.39	21.39	25.30	32.09	36.00
5785MHz	Pass	10.70	23.45	23.45	25.30	34.15	36.00
5825MHz	Pass	10.70	23.31	23.31	25.30	34.01	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	16.20	16.20	25.30	26.90	36.00
5230MHz	Pass	10.70	21.08	21.08	25.30	31.78	36.00
5755MHz	Pass	10.70	21.09	21.09	25.30	31.79	36.00
5795MHz	Pass	10.70	22.32	22.32	25.30	33.02	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	15.32	15.32	25.30	26.02	36.00
5775MHz	Pass	10.70	17.03	17.03	25.30	27.73	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.90	17.90	25.30	28.60	36.00
5200MHz	Pass	10.70	22.65	22.65	25.30	33.35	36.00
5240MHz	Pass	10.70	23.79	23.79	25.30	34.49	36.00
5745MHz	Pass	10.70	21.57	21.57	25.30	32.27	36.00
5785MHz	Pass	10.70	23.62	23.62	25.30	34.32	36.00
5825MHz	Pass	10.70	23.57	23.57	25.30	34.27	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	16.51	16.51	25.30	27.21	36.00
5230MHz	Pass	10.70	21.22	21.22	25.30	31.92	36.00
5755MHz	Pass	10.70	21.38	21.38	25.30	32.08	36.00
5795MHz	Pass	10.70	22.56	22.56	25.30	33.26	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	15.47	15.47	25.30	26.17	36.00
5775MHz	Pass	10.70	17.39	17.39	25.30	28.09	36.00

DG = Directional Gain; **Port X** = Port X output power



Average Power

Non-Beamforming Indoor Sample 2 Radio 1 Panel 1 2T2S

Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.93	0.15596	32.63	1.83231
802.11ac VHT20_Nss2,(MCS0)_2TX	24.43	0.27733	35.13	3.25837
802.11ac VHT40_Nss2,(MCS0)_2TX	22.42	0.17458	33.12	2.05116
802.11ac VHT80_Nss2,(MCS0)_2TX	16.39	0.04355	27.09	0.51168
802.11ax HEW20_Nss2,(MCS0)_2TX	24.73	0.29717	35.43	3.49140
802.11ax HEW40_Nss2,(MCS0)_2TX	22.67	0.18493	33.37	2.17270
802.11ax HEW80_Nss2,(MCS0)_2TX	16.67	0.04645	27.37	0.54576
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.76	0.29923	35.46	3.51560
802.11ac VHT20_Nss2,(MCS0)_2TX	24.52	0.28314	35.22	3.32660
802.11ac VHT40_Nss2,(MCS0)_2TX	23.72	0.23550	34.42	2.76694
802.11ac VHT80_Nss2,(MCS0)_2TX	20.28	0.10666	30.98	1.25314
802.11ax HEW20_Nss2,(MCS0)_2TX	24.65	0.29174	35.35	3.42768
802.11ax HEW40_Nss2,(MCS0)_2TX	23.86	0.24322	34.56	2.85759
802.11ax HEW80_Nss2,(MCS0)_2TX	20.58	0.11429	31.28	1.34276