

Non-beamforming mode
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)_4TX	30.426M	16.74M	16M7D1D	19.866M	16.535M
802.11ax HEW20_Nss1,(MCS0)_4TX	35.178M	19.227M	19M2D1D	20.196M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	52.932M	37.901M	37M9D1D	39.072M	37.417M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.256M	76.672M	76M7D1D	79.992M	76.497M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.064M	16.582M	16M6D1D	19.734M	16.445M
802.11ax HEW20_Nss1,(MCS0)_4TX	26.268M	19.038M	19M0D1D	21.582M	18.998M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.468M	37.523M	37M5D1D	39.072M	37.419M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.256M	76.602M	76M6D1D	80.256M	76.492M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.13M	16.544M	16M5D1D	14.55M	13.238M
802.11ax HEW20_Nss1,(MCS0)_4TX	31.812M	19.044M	19M0D1D	16.5M	14.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.468M	37.507M	37M5D1D	34.65M	33.513M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.256M	76.858M	76M9D1D	74.775M	72.714M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.368M	33.028M	33M0D1D	3.14M	3.718M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.942M	29.733M	29M7D1D	4.4M	4.778M
802.11ax HEW40_Nss1,(MCS0)_4TX	35.112M	59.392M	59M4D1D	3.94M	4.078M
802.11ax HEW80_Nss1,(MCS0)_4TX	73.656M	76.897M	76M9D1D	3.94M	4.798M

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 / Minimum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.902M	16.688M	23.166M	16.625M	30.426M	16.724M	28.974M	16.74M
5200MHz	Pass	Inf	20.064M	16.652M	19.866M	16.535M	23.364M	16.696M	21.978M	16.682M
5240MHz	Pass	Inf	21.516M	16.676M	21.714M	16.624M	23.1M	16.729M	20.064M	16.545M
5260MHz	Pass	Inf	19.866M	16.582M	19.932M	16.498M	19.866M	16.465M	19.8M	16.445M
5300MHz	Pass	Inf	19.932M	16.548M	19.866M	16.478M	19.866M	16.498M	19.866M	16.478M
5320MHz	Pass	Inf	20.064M	16.558M	19.734M	16.502M	20.064M	16.492M	19.932M	16.466M
5500MHz	Pass	Inf	19.8M	16.503M	19.8M	16.482M	19.668M	16.438M	19.866M	16.456M
5580MHz	Pass	Inf	19.932M	16.531M	19.602M	16.421M	19.932M	16.46M	19.932M	16.46M
5700MHz	Pass	Inf	19.8M	16.544M	19.866M	16.476M	19.734M	16.456M	20.13M	16.47M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.76M	13.283M	14.64M	13.253M	14.715M	13.253M	14.55M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.738M	3.14M	3.758M	3.14M	3.758M	3.14M	3.718M
5745MHz	Pass	500k	16.038M	21.681M	16.038M	21.527M	15.708M	22.604M	16.038M	23.029M
5785MHz	Pass	500k	15.51M	23.933M	16.302M	22.062M	16.302M	23.824M	15.114M	24.101M
5825MHz	Pass	500k	16.302M	33.028M	16.236M	27.503M	16.104M	31.152M	16.368M	31.896M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	26.202M	19.035M	29.766M	19.049M	35.046M	19.106M	30.36M	19.08M
5200MHz	Pass	Inf	35.178M	19.148M	29.436M	19.107M	32.472M	19.227M	33M	19.215M
5240MHz	Pass	Inf	22.77M	18.951M	20.196M	18.951M	34.782M	18.981M	26.004M	18.891M
5260MHz	Pass	Inf	26.268M	19.024M	24.09M	19.007M	21.846M	19.014M	25.146M	19.018M
5300MHz	Pass	Inf	21.582M	19.017M	21.912M	19.008M	21.648M	19.013M	21.978M	19.014M
5320MHz	Pass	Inf	22.638M	19.029M	23.496M	19.033M	24.618M	18.998M	22.374M	19.038M
5500MHz	Pass	Inf	22.11M	19.008M	30.162M	19.016M	22.44M	19.006M	23.958M	19.008M
5580MHz	Pass	Inf	22.242M	19.013M	21.714M	19.012M	22.968M	19.035M	22.902M	19.027M
5700MHz	Pass	Inf	26.664M	19.024M	31.812M	19.027M	25.146M	18.997M	22.506M	19.044M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.5M	14.498M	16.875M	14.513M	17.01M	14.498M	17.49M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.818M	4.46M	4.778M	4.4M	4.818M	4.46M	4.838M
5745MHz	Pass	500k	18.81M	22.036M	18.678M	20.514M	18.546M	22.723M	18.678M	23.096M
5785MHz	Pass	500k	18.942M	25.185M	17.49M	23.575M	18.282M	25.559M	18.084M	26.191M
5825MHz	Pass	500k	18.282M	29.329M	18.282M	25.311M	18.546M	27.643M	18.612M	29.733M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.336M	37.467M	39.204M	37.417M	39.072M	37.518M	39.336M	37.48M
5230MHz	Pass	Inf	48.576M	37.721M	48.708M	37.841M	52.932M	37.901M	50.292M	37.721M
5270MHz	Pass	Inf	39.204M	37.523M	39.204M	37.464M	39.336M	37.452M	39.204M	37.432M
5310MHz	Pass	Inf	39.468M	37.446M	39.336M	37.419M	39.204M	37.522M	39.072M	37.48M
5510MHz	Pass	Inf	39.204M	37.507M	39.336M	37.414M	39.468M	37.464M	39.204M	37.474M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5590MHz	Pass	Inf	39.468M	37.507M	39.072M	37.472M	39.336M	37.491M	39.336M	37.481M
5670MHz	Pass	Inf	39.072M	37.473M	39.204M	37.483M	39.336M	37.443M	39.336M	37.461M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.65M	33.583M	34.65M	33.583M	34.685M	33.548M	34.685M	33.513M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.078M	3.98M	4.078M	3.94M	4.078M	4.04M	4.078M
5755MHz	Pass	500k	33.792M	38.085M	35.112M	37.795M	32.736M	38M	33.792M	38.044M
5795MHz	Pass	500k	28.644M	58.501M	33.66M	54.028M	33.792M	58.857M	34.716M	59.392M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	79.992M	76.624M	80.256M	76.614M	80.256M	76.497M	79.992M	76.672M
5290MHz	Pass	Inf	80.256M	76.602M	80.256M	76.51M	80.256M	76.549M	80.256M	76.492M
5530MHz	Pass	Inf	80.256M	76.858M	79.992M	76.437M	80.256M	76.682M	80.256M	76.645M
5610MHz	Pass	Inf	80.256M	76.78M	80.256M	76.621M	80.256M	76.743M	79.992M	76.799M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.85M	72.789M	74.85M	72.864M	74.925M	72.714M	74.775M	72.789M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	11.934M	3.98M	4.798M	3.94M	16.552M	3.96M	17.291M
5775MHz	Pass	500k	73.656M	76.897M	69.96M	76.609M	71.544M	76.657M	71.28M	76.718M

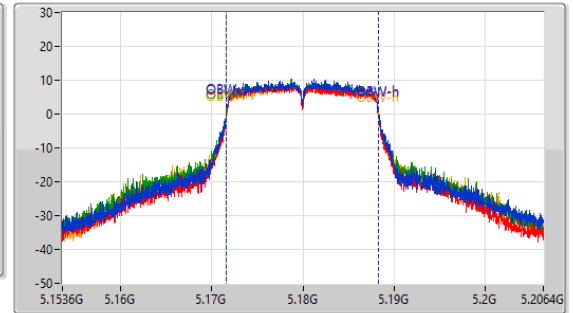
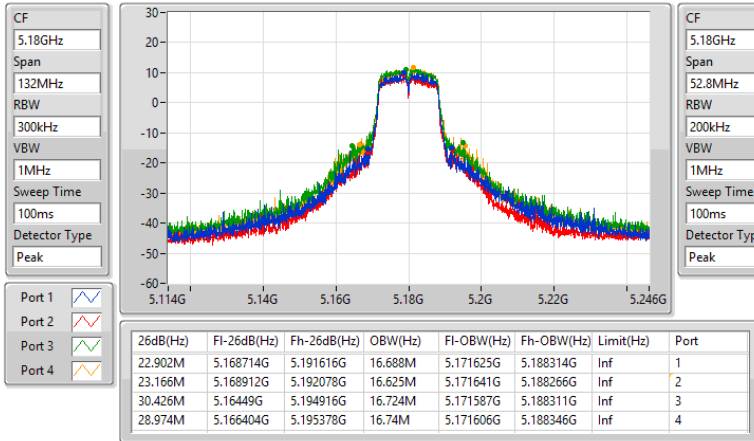
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

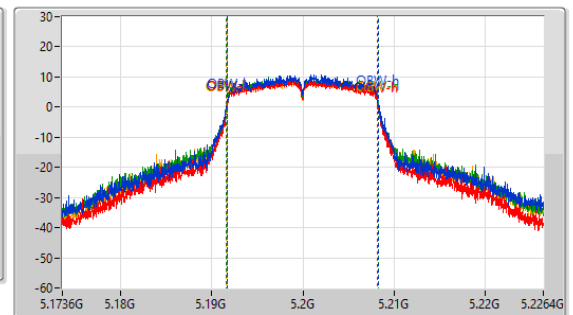
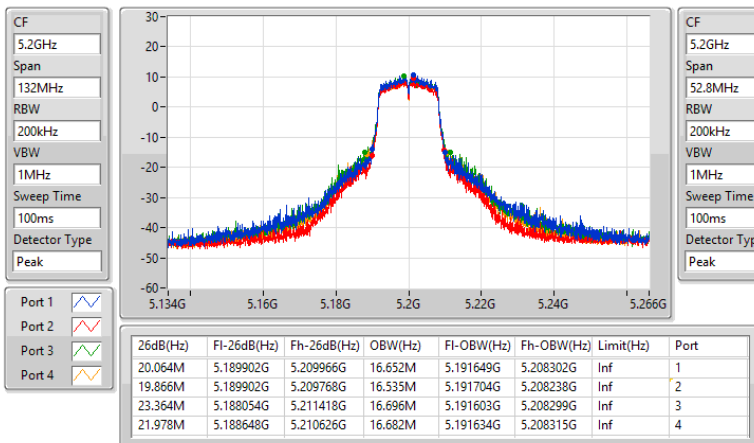
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5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

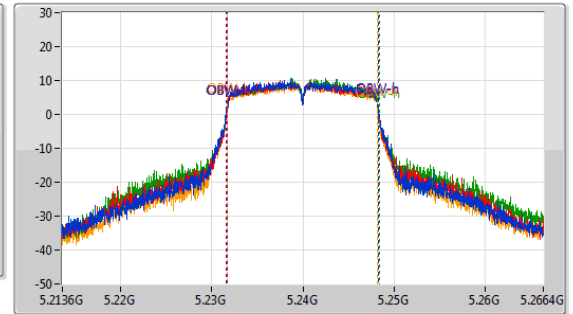
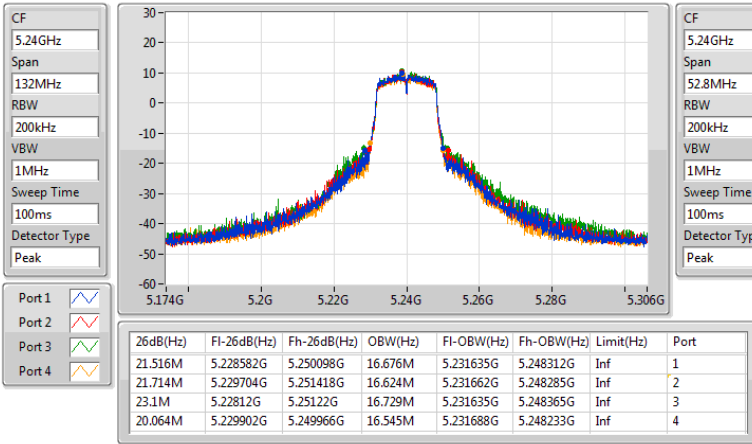
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

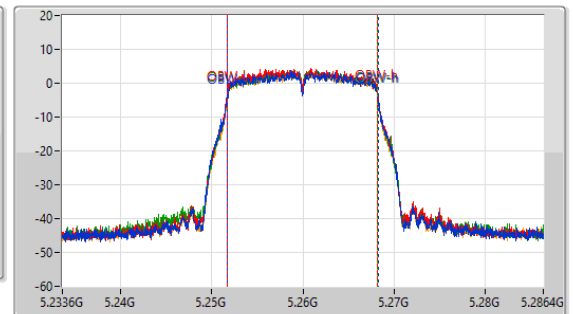
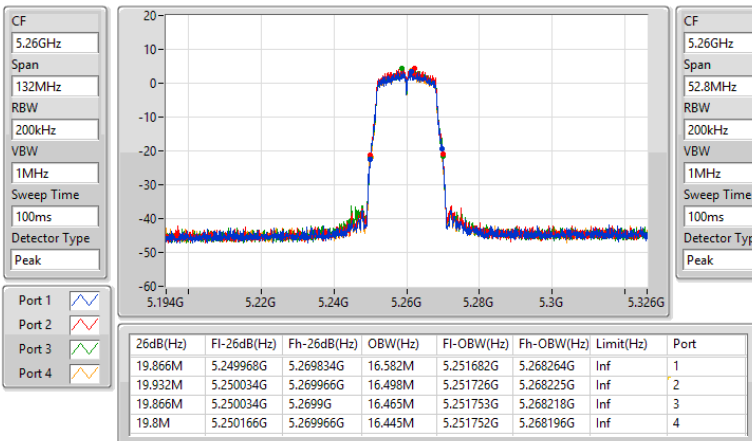
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5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

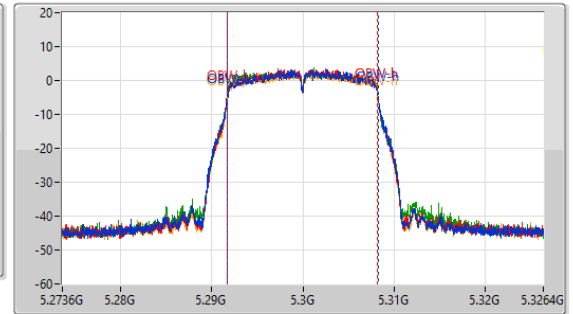
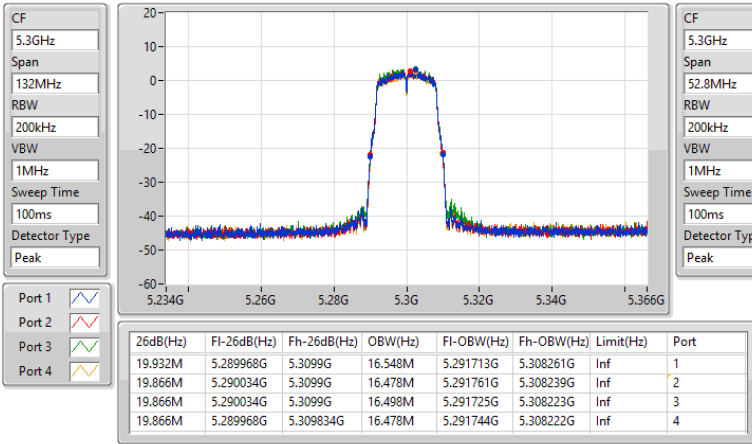




5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

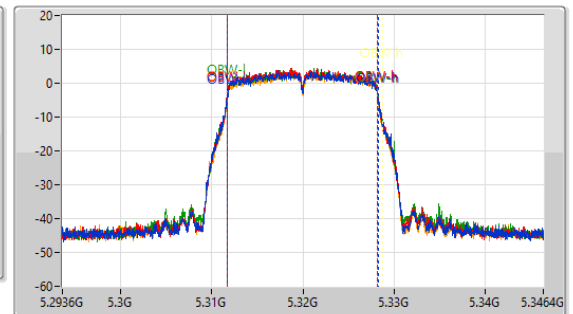
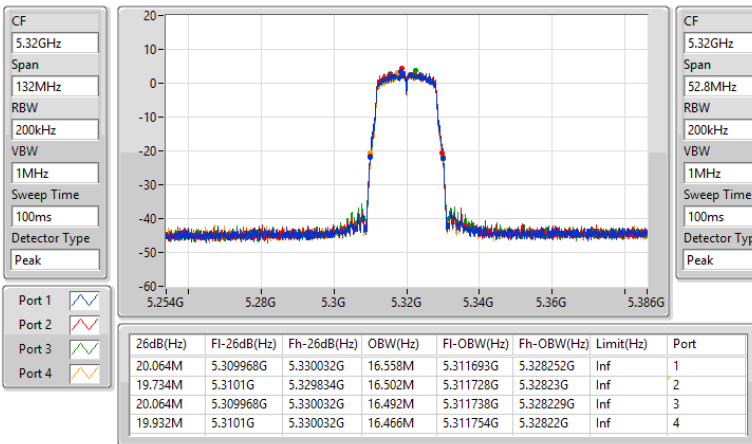
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

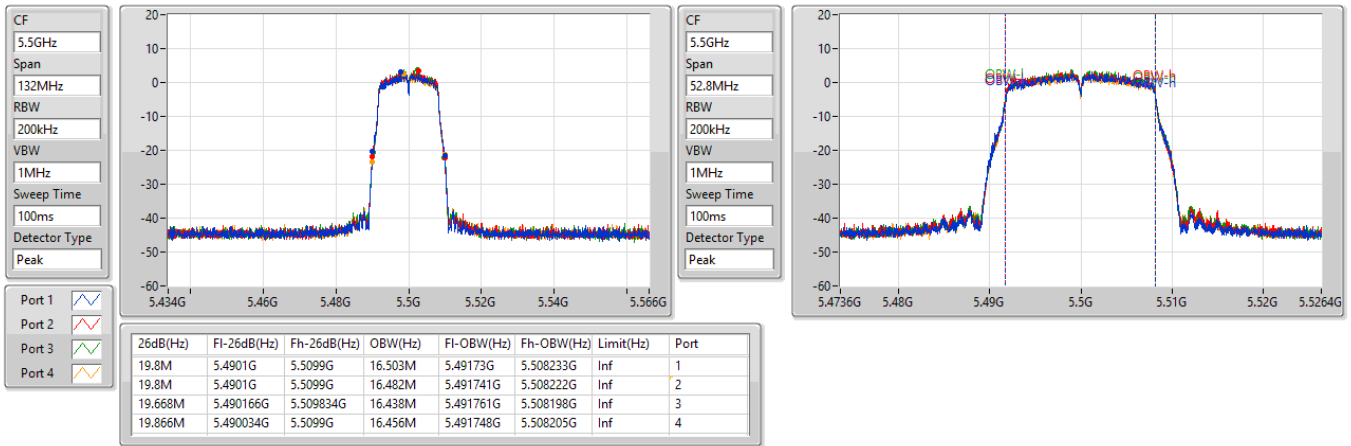




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

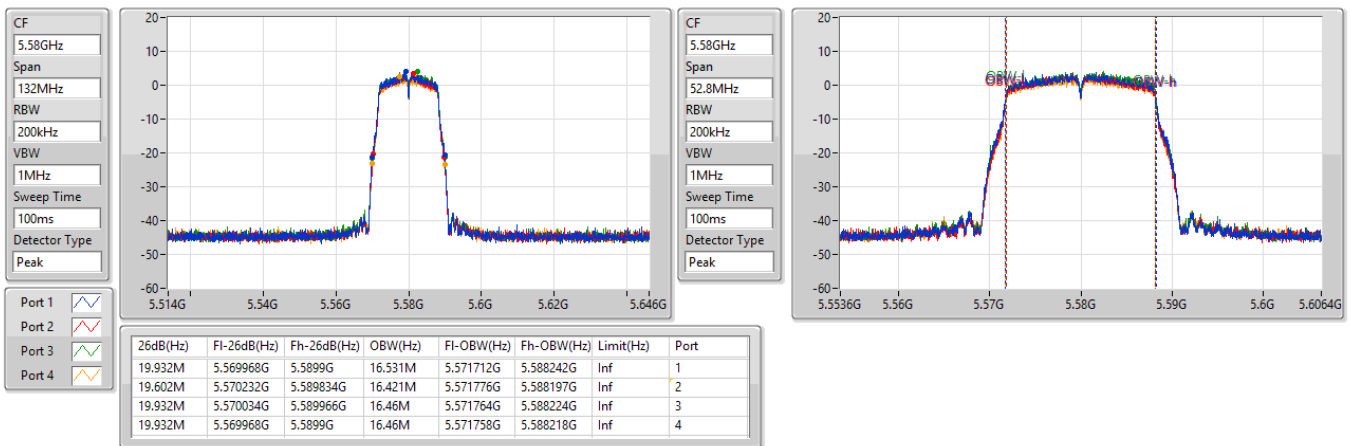
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

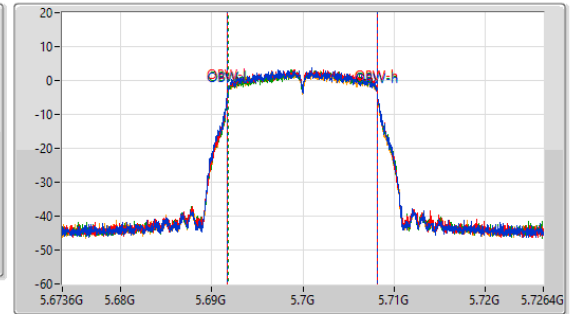
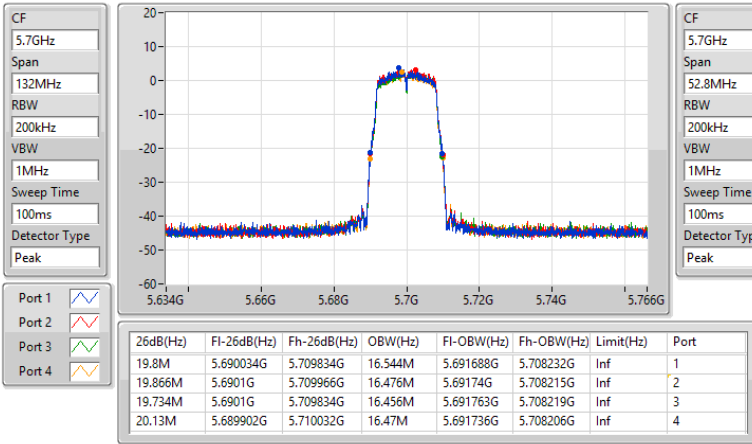




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

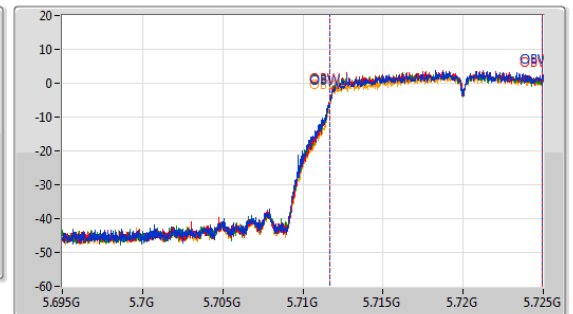
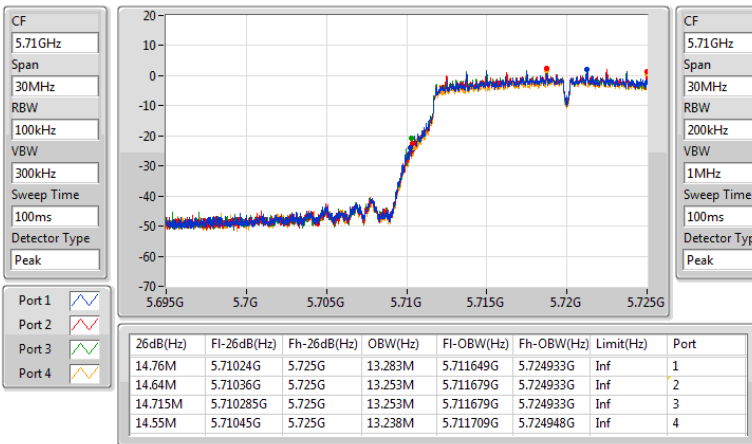
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5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

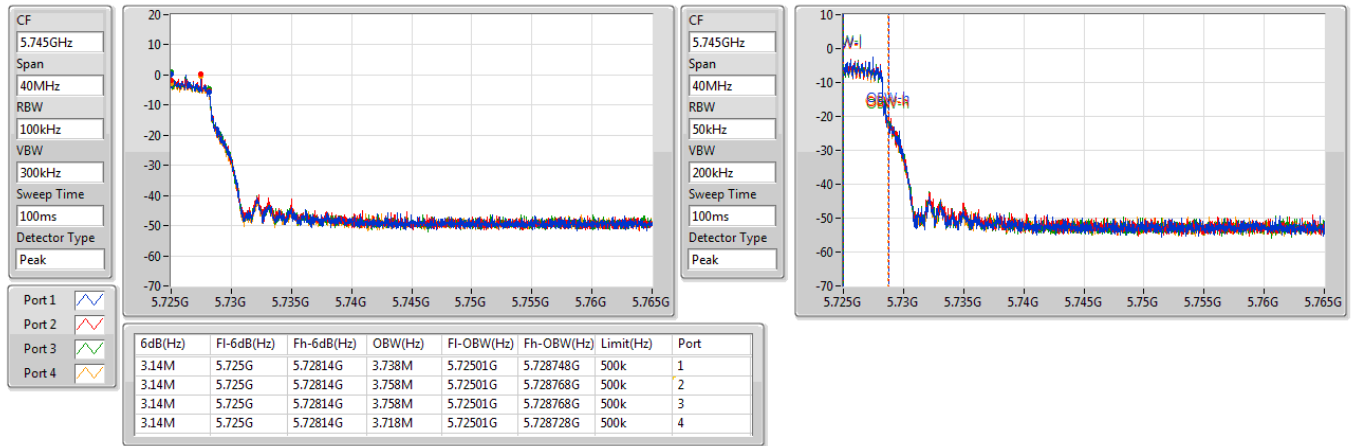
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

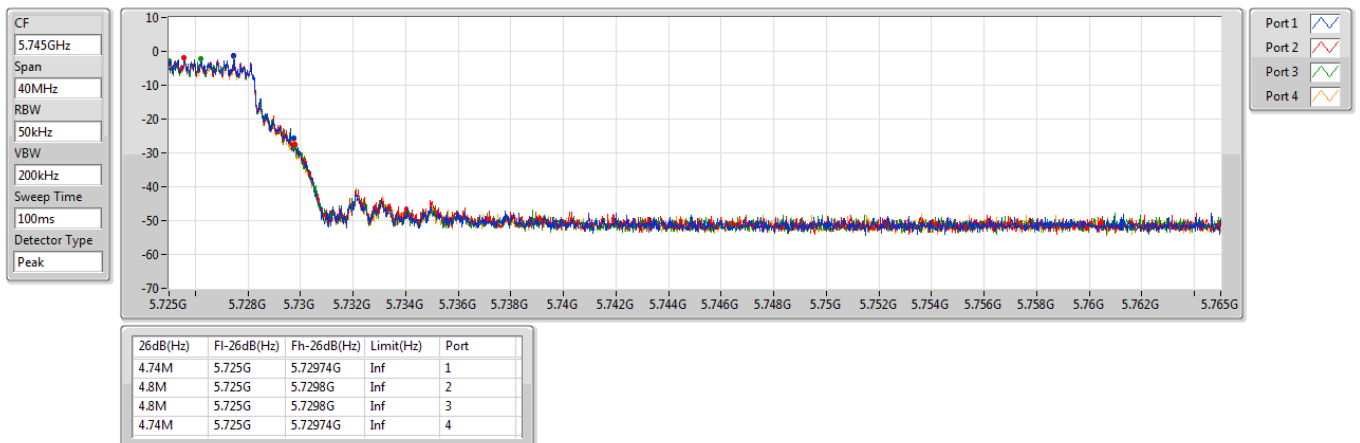
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

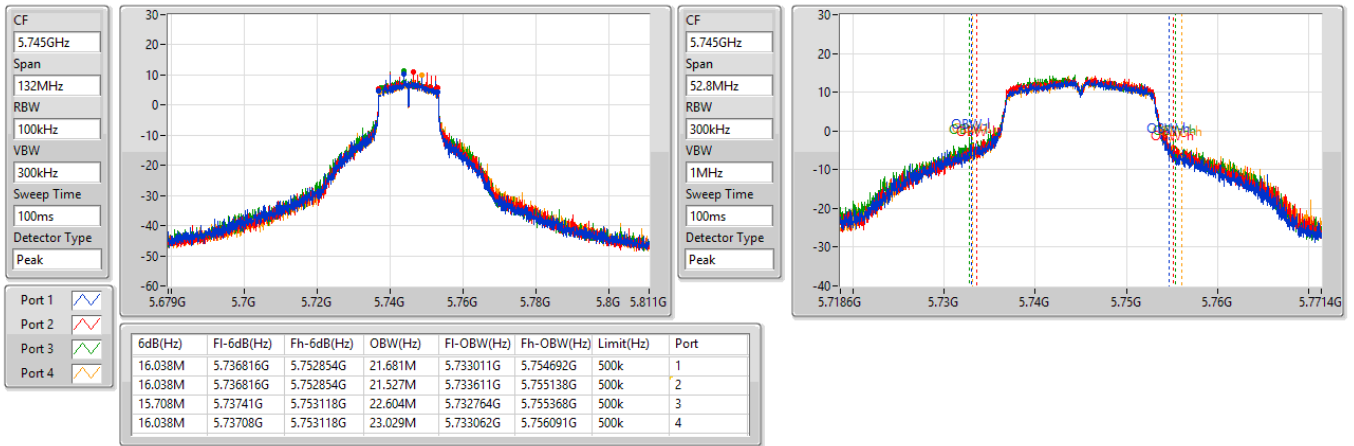




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

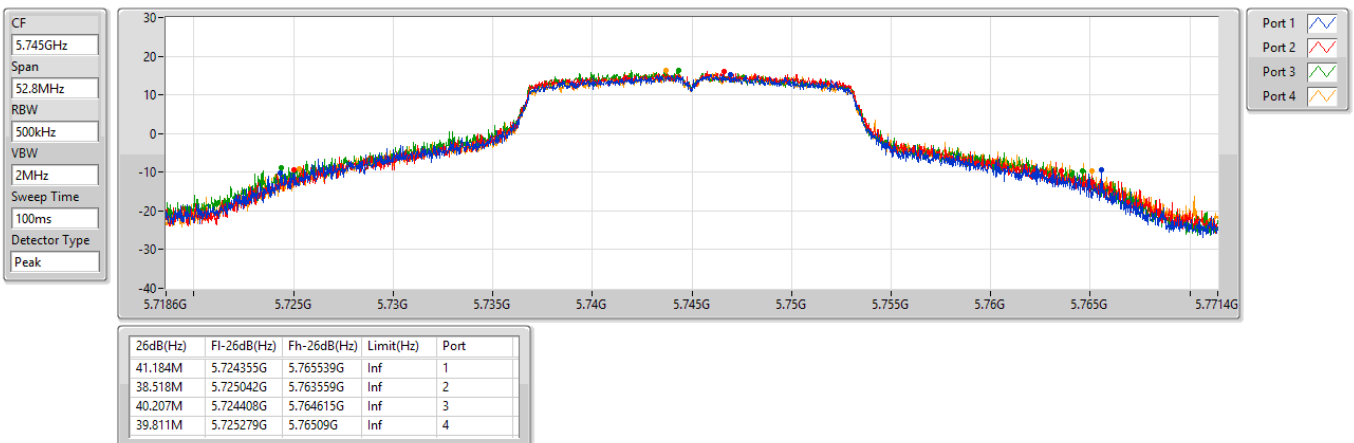
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

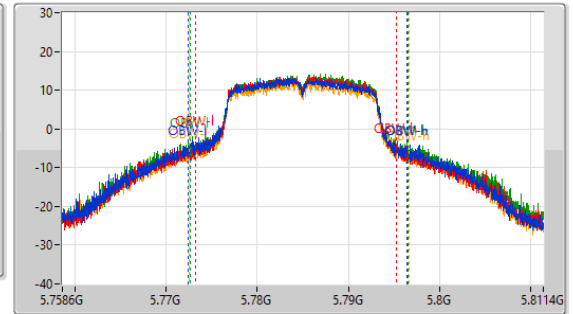
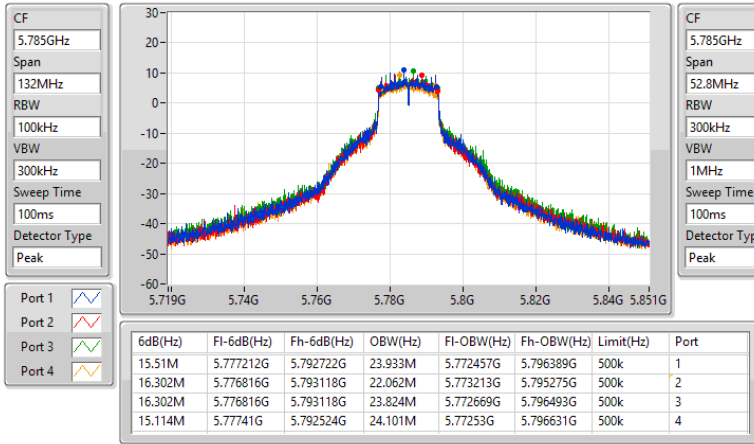




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

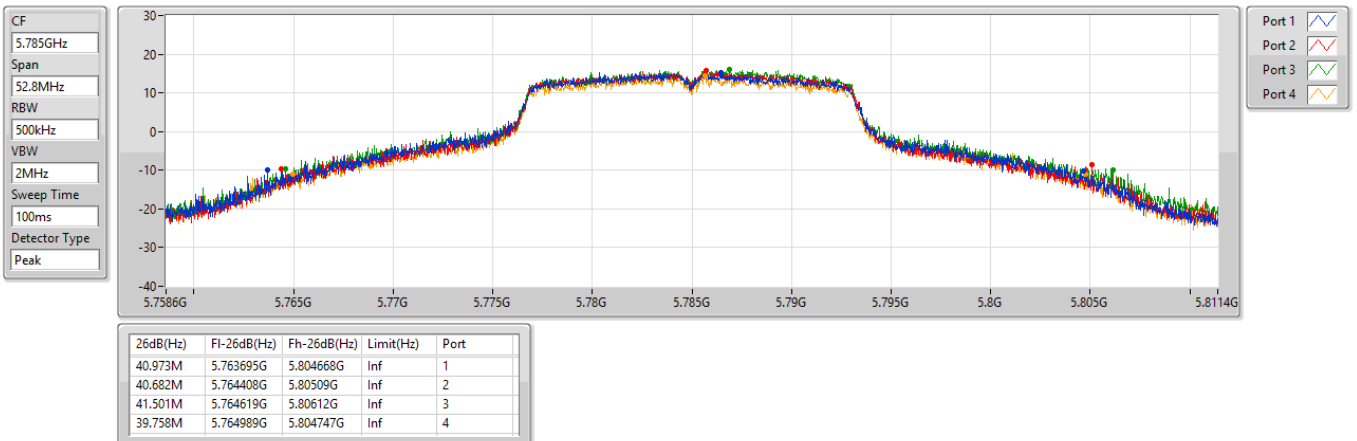
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

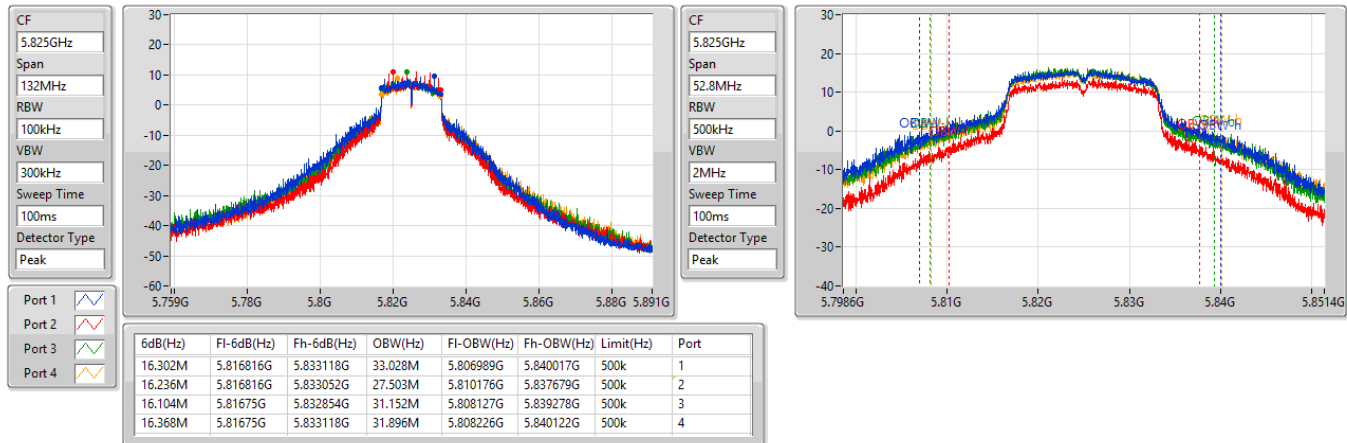




5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

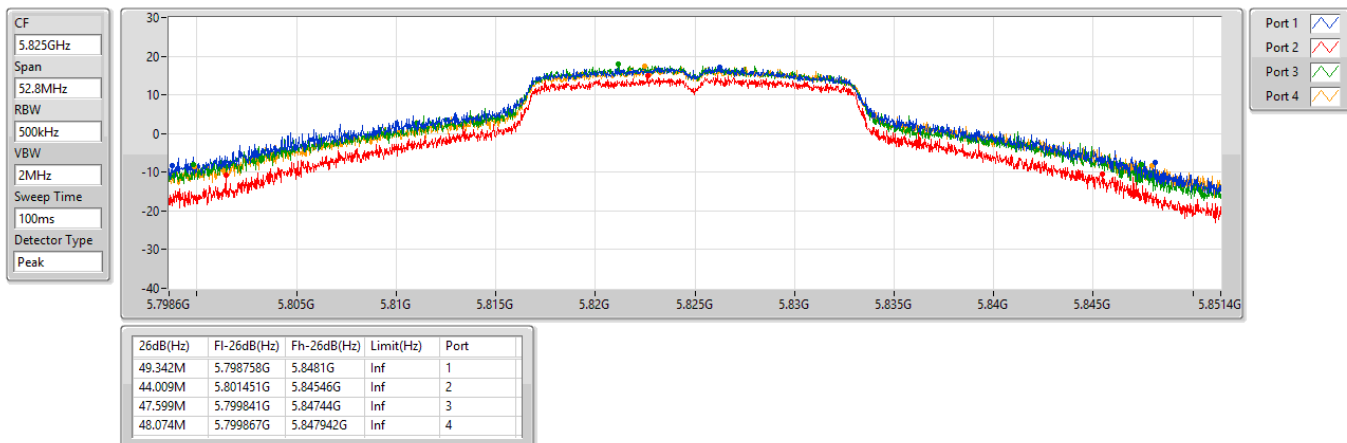
5825MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

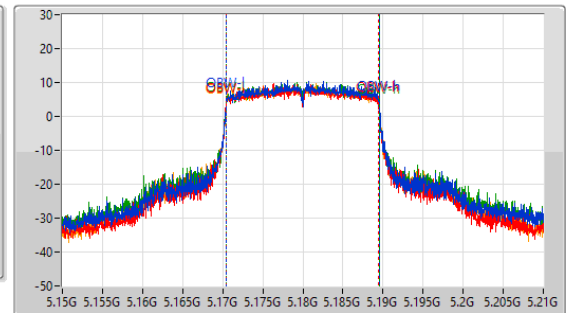
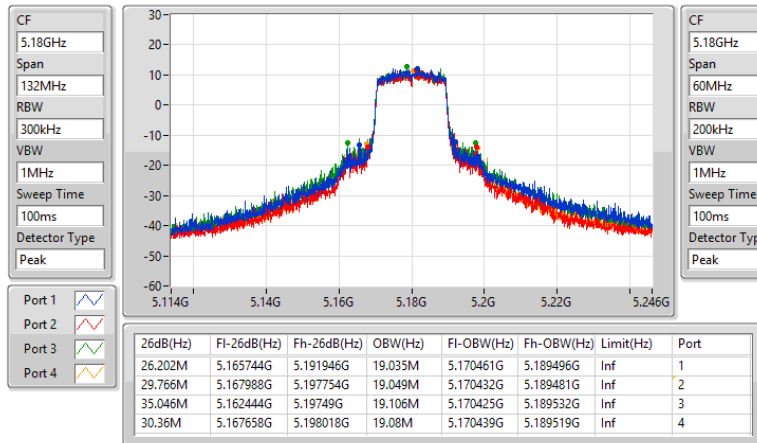




5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

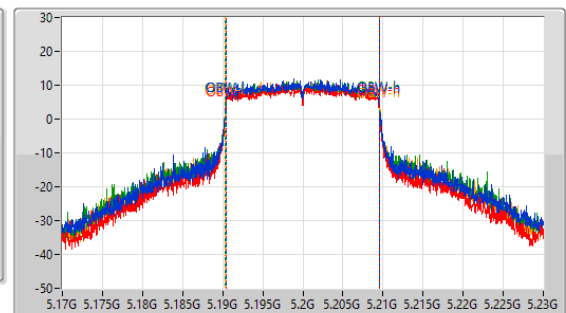
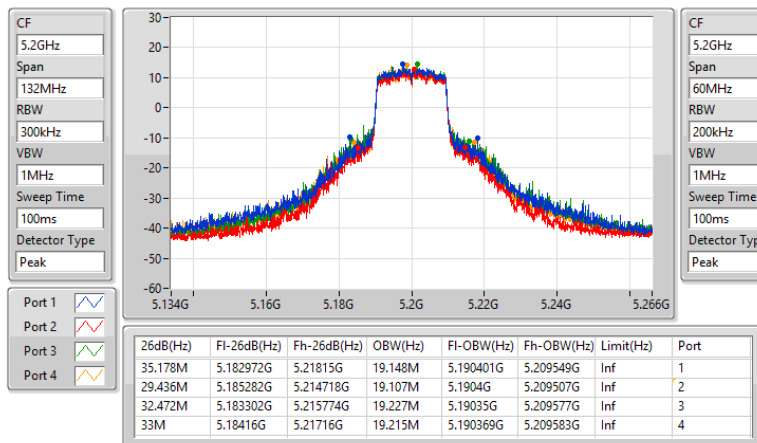
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5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

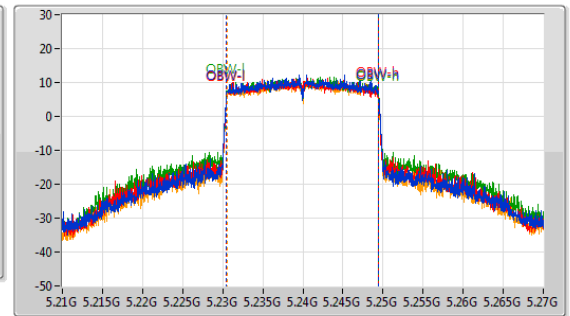
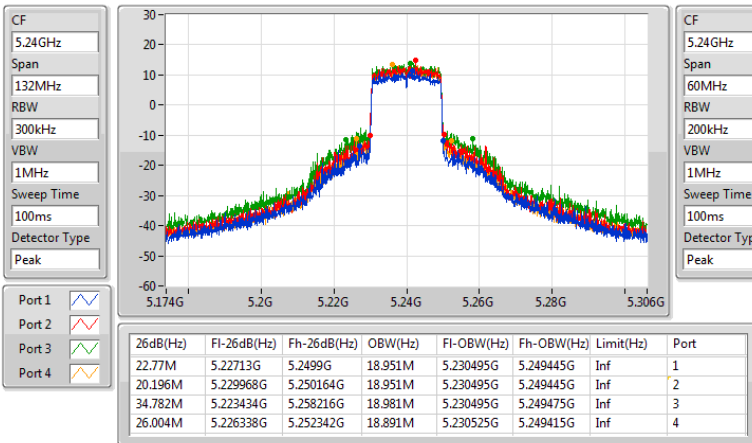




5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

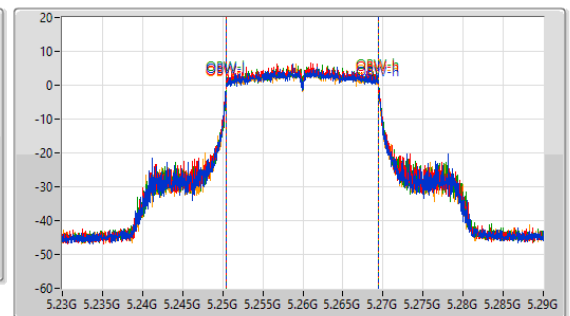
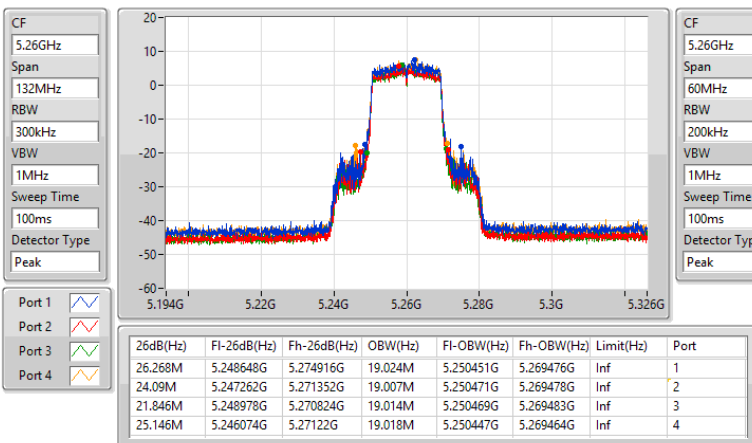
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5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5260MHz

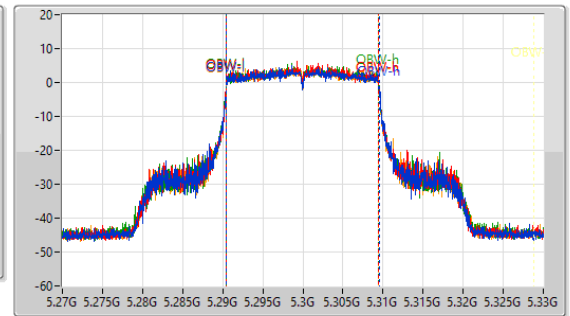
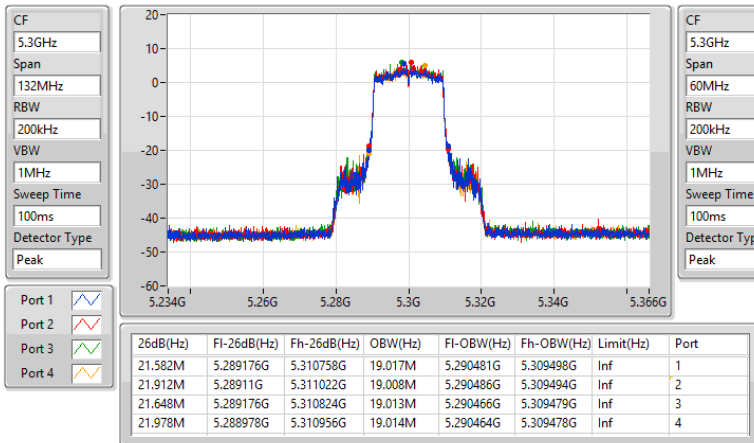




5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

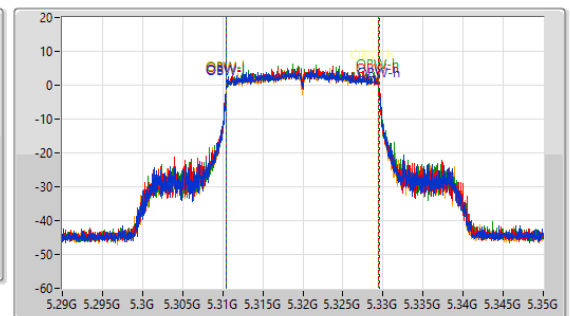
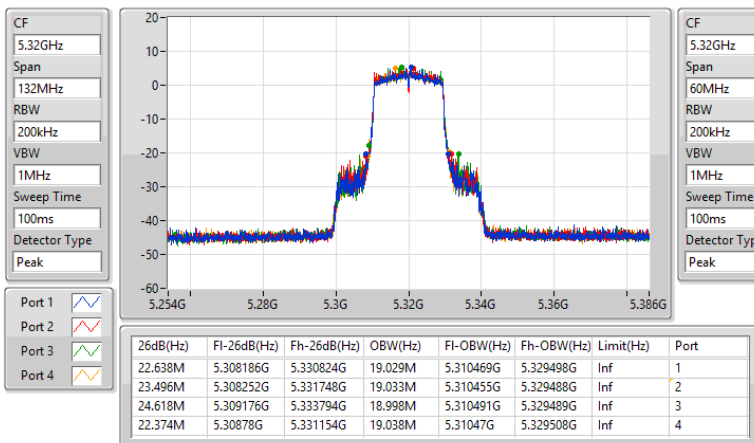
5300MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5320MHz

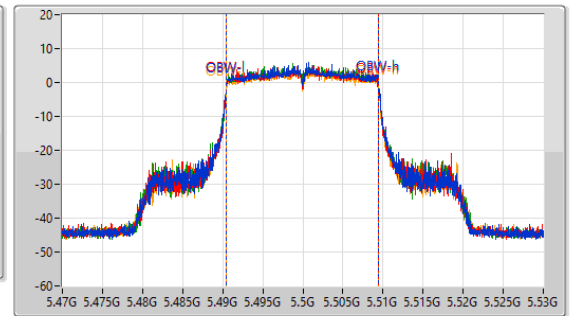
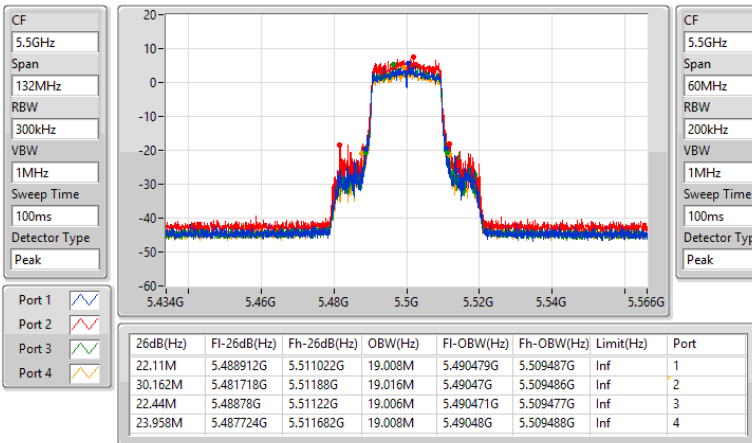




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

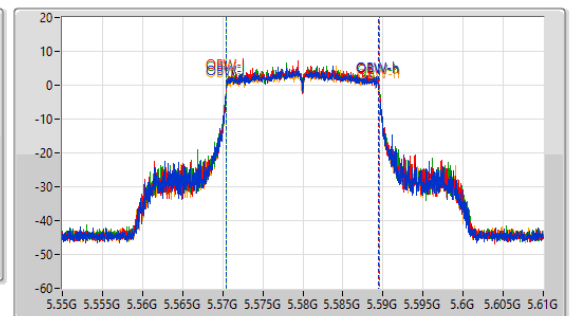
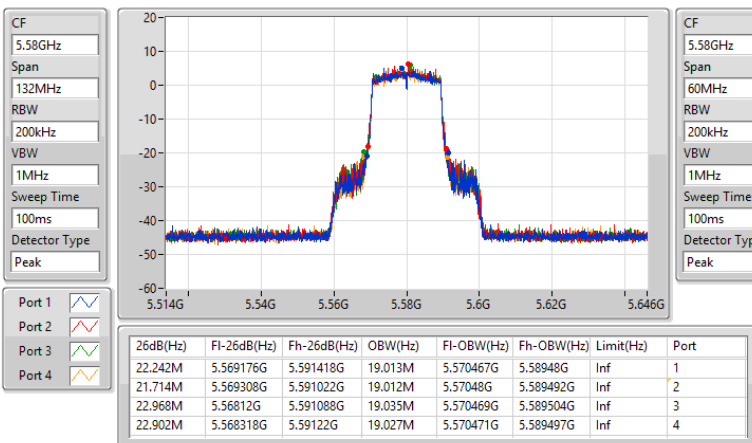
5500MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5580MHz

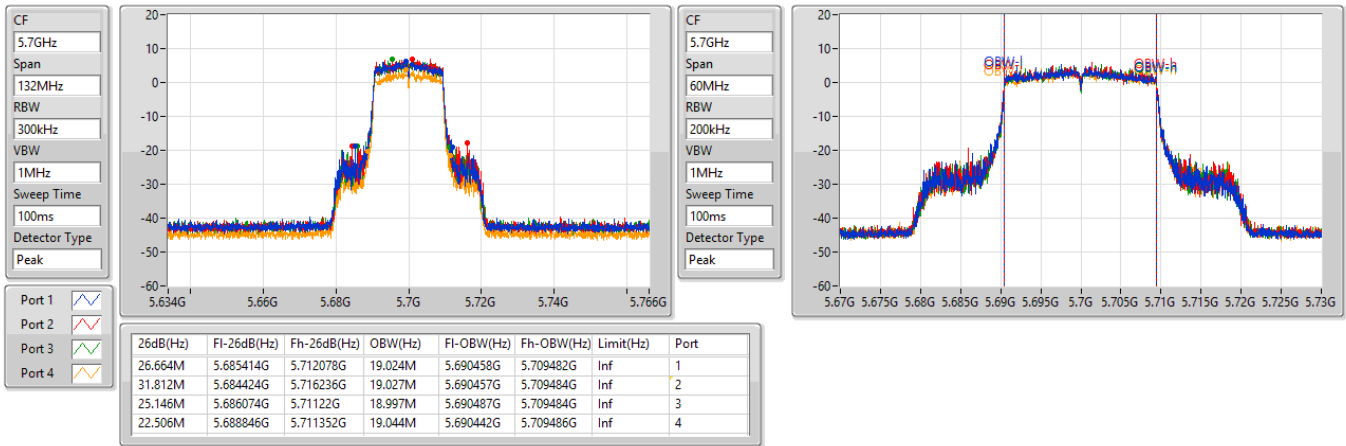




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

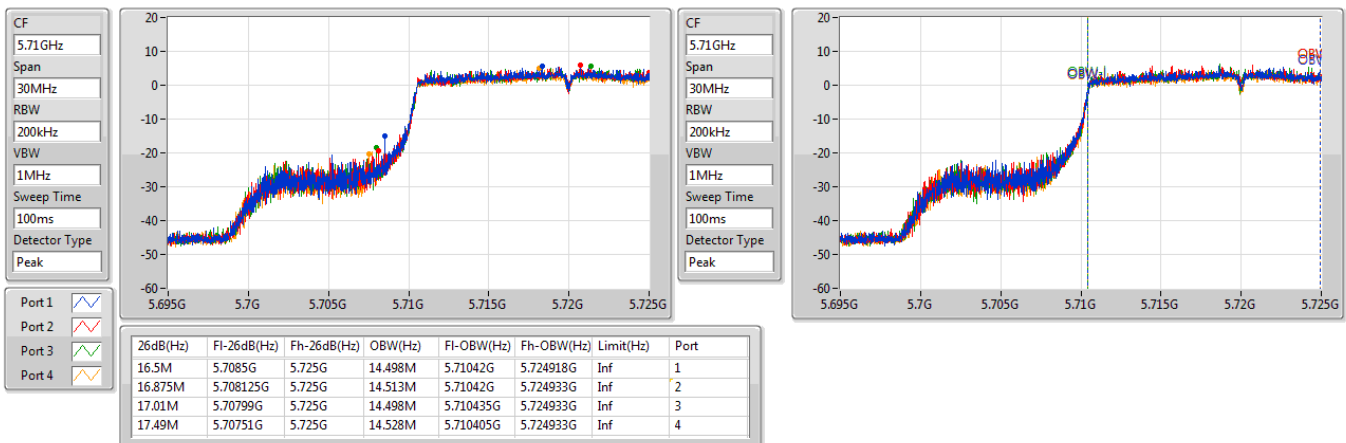
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

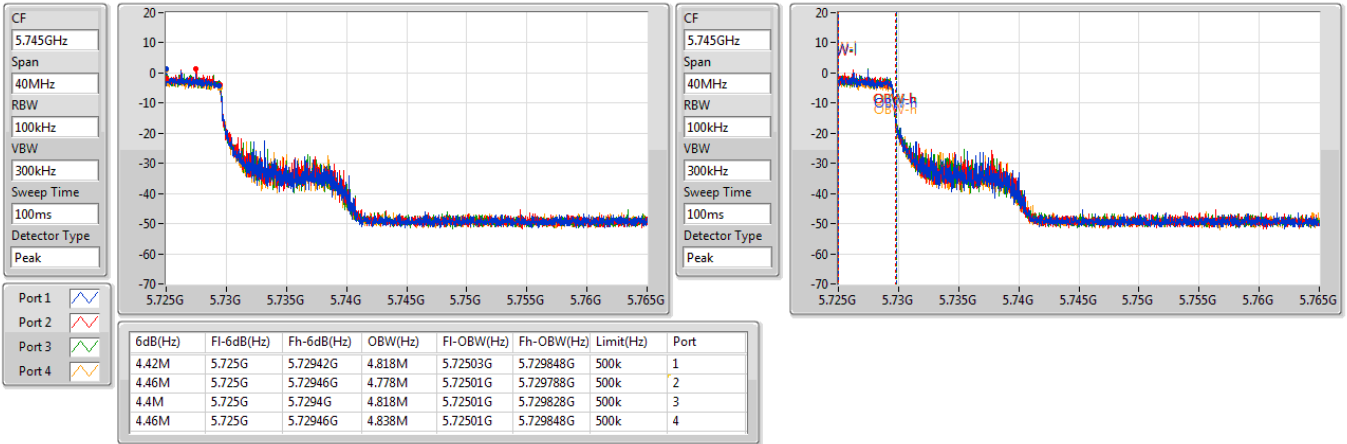




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

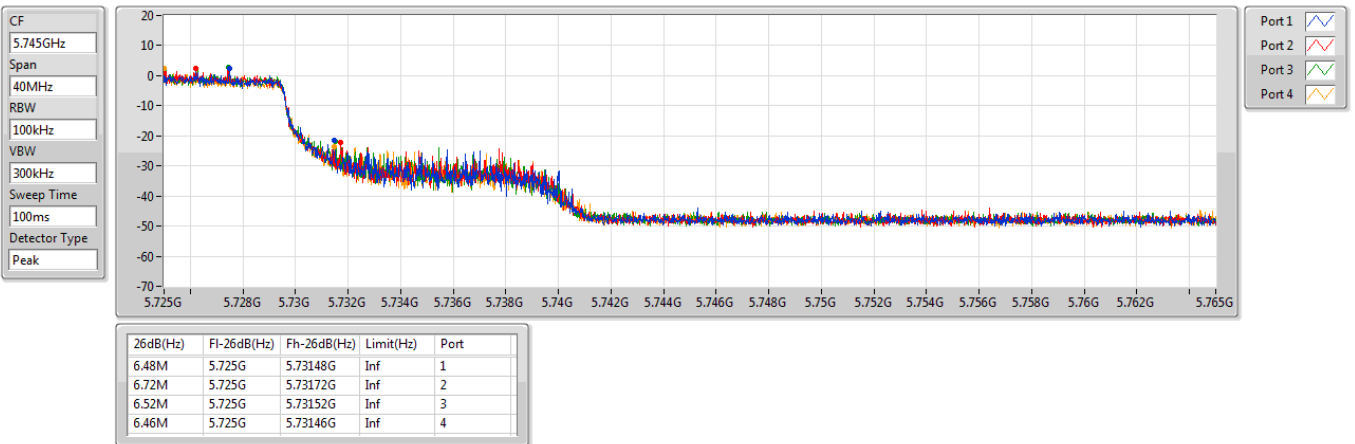
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

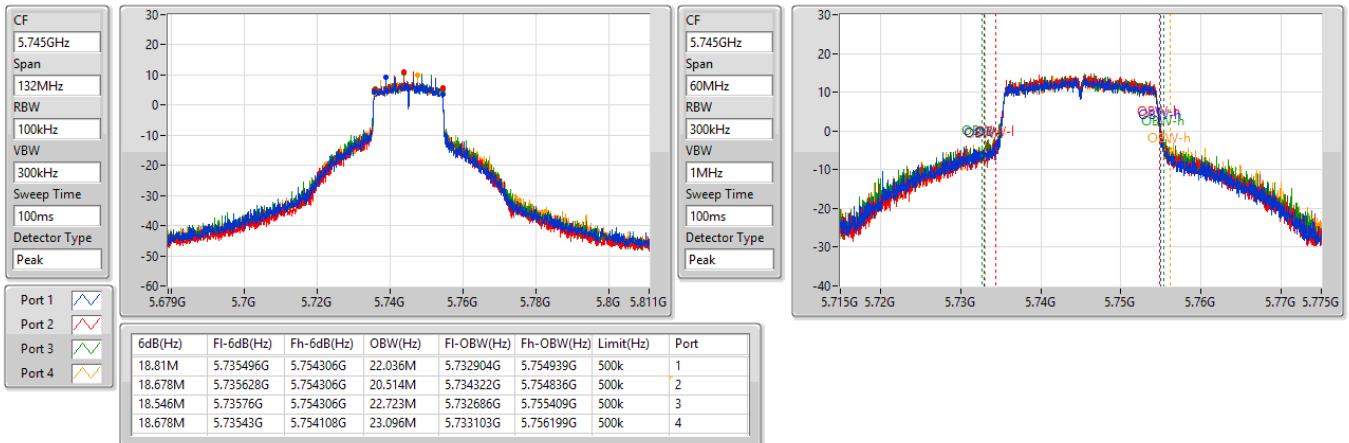




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

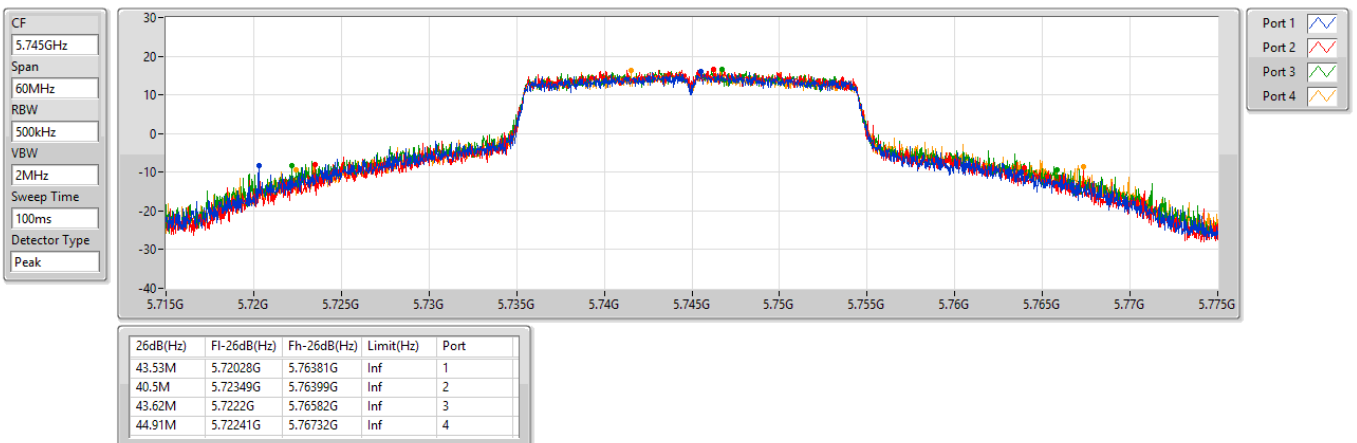
5745MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

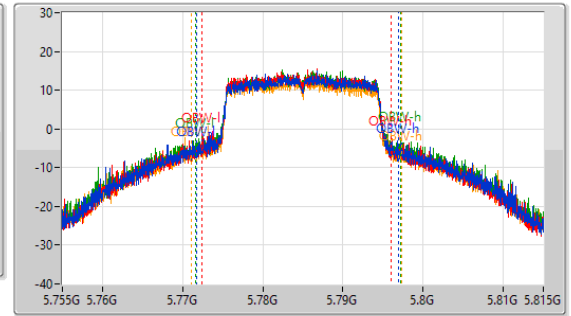
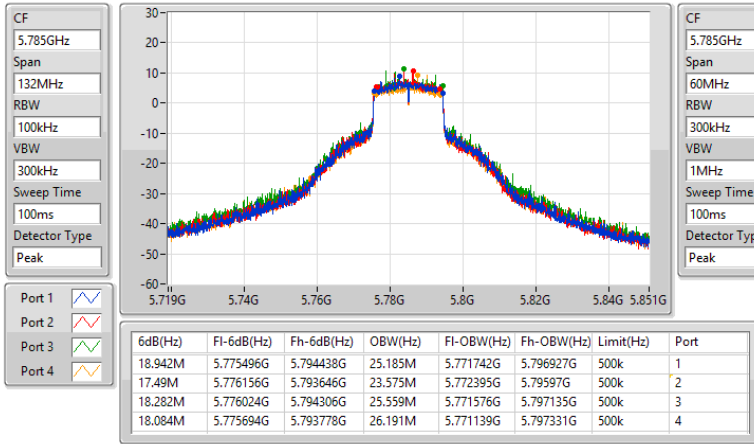




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

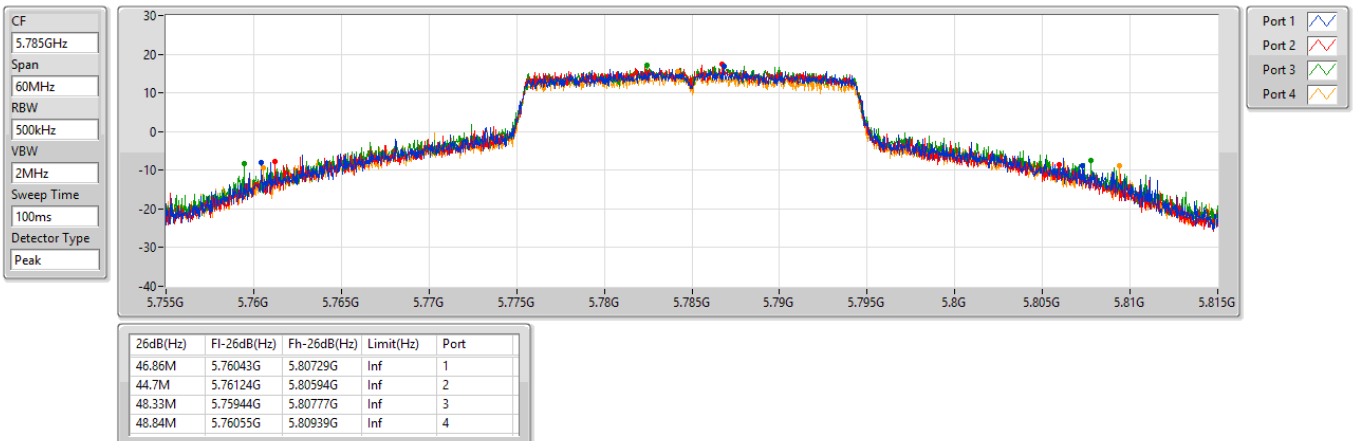
5785MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

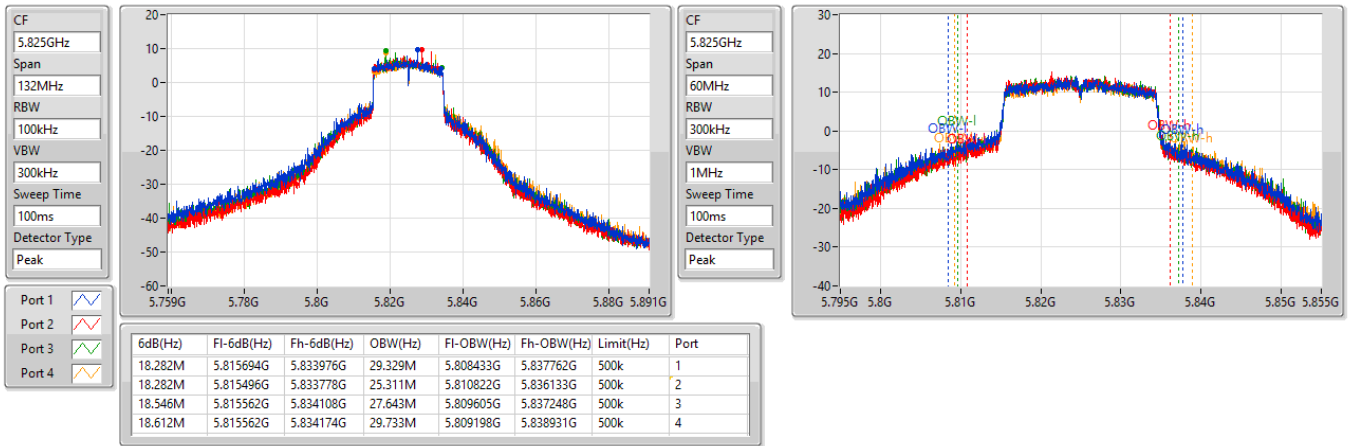




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

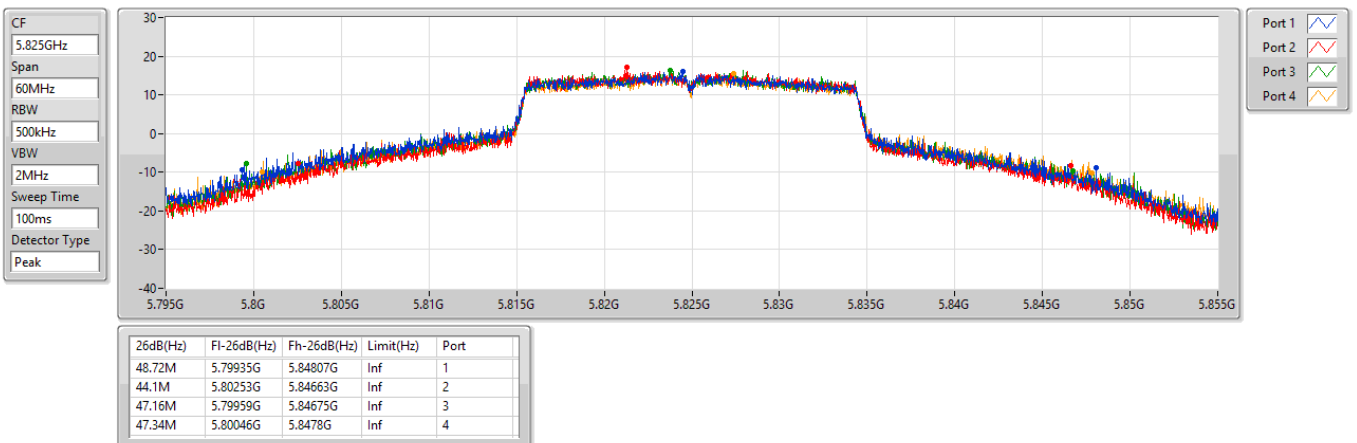
5825MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

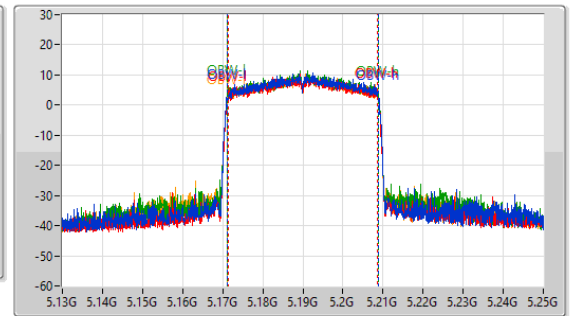
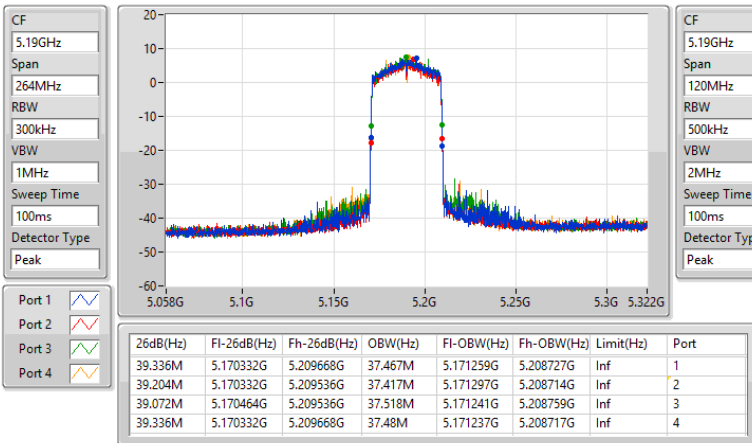




5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

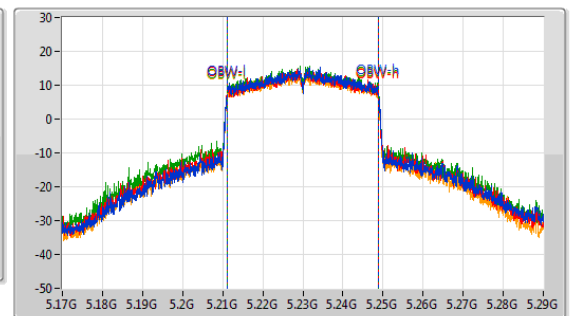
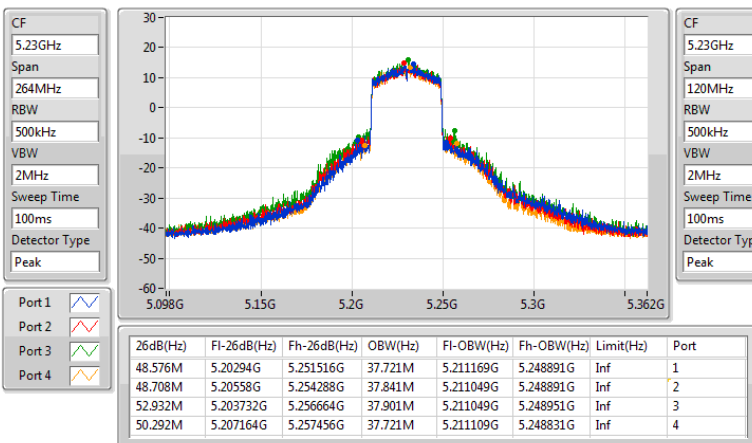
5190MHz



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

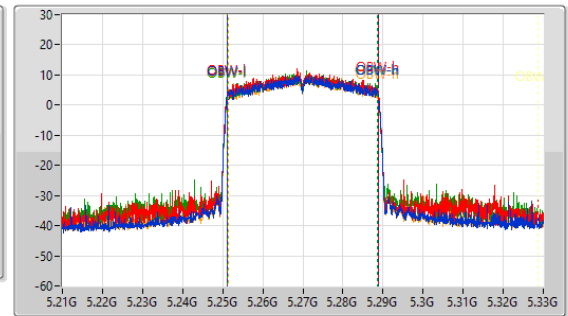
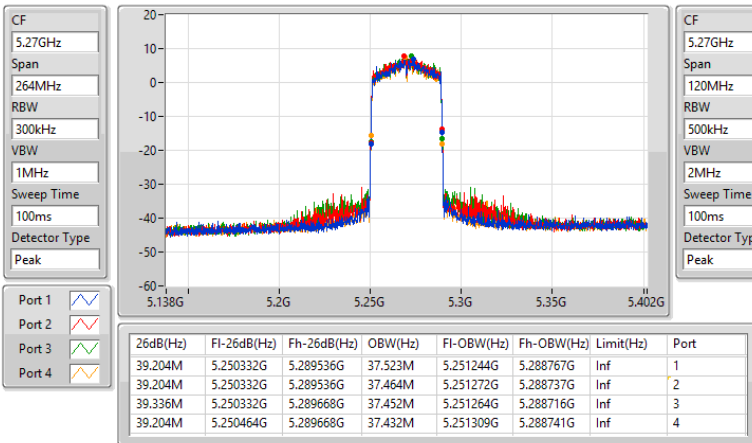




5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

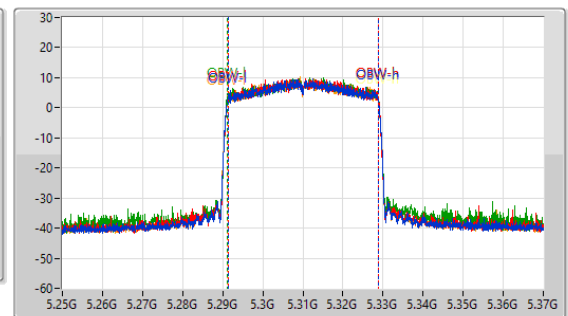
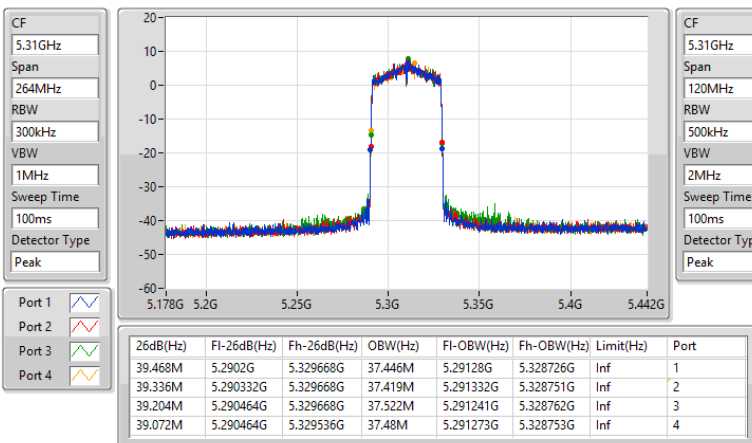
5270MHz



5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5310MHz

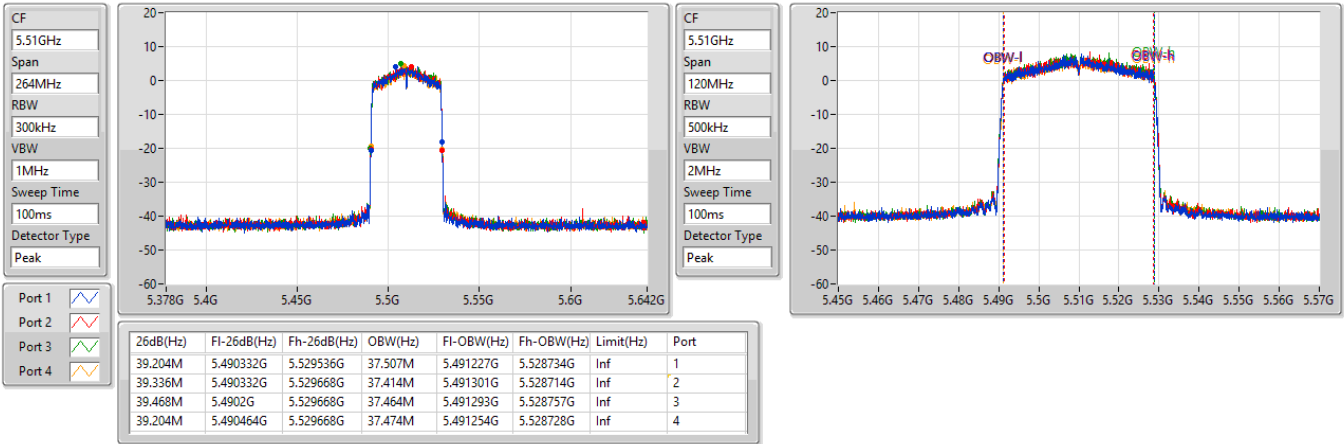




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

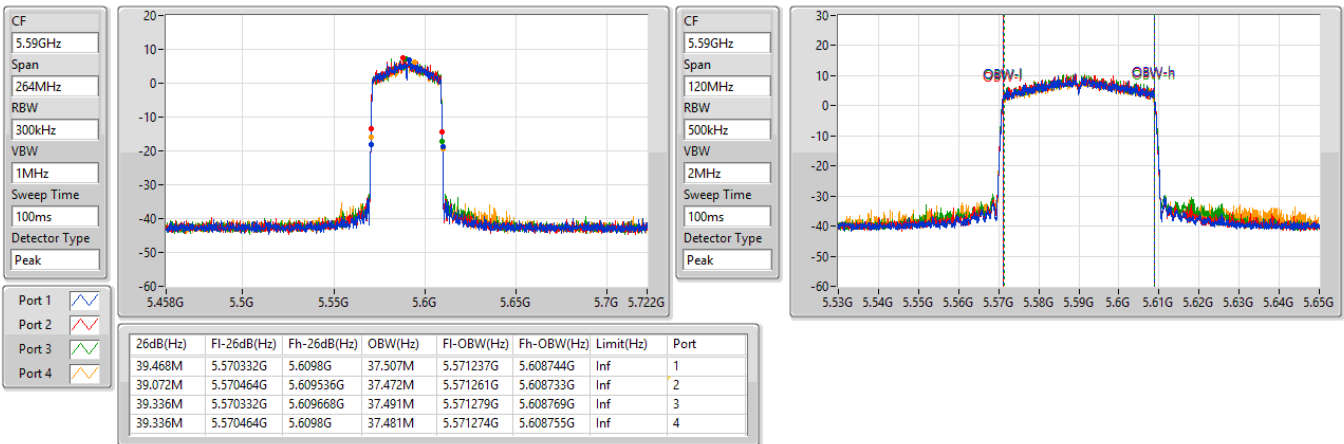
5510MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5590MHz

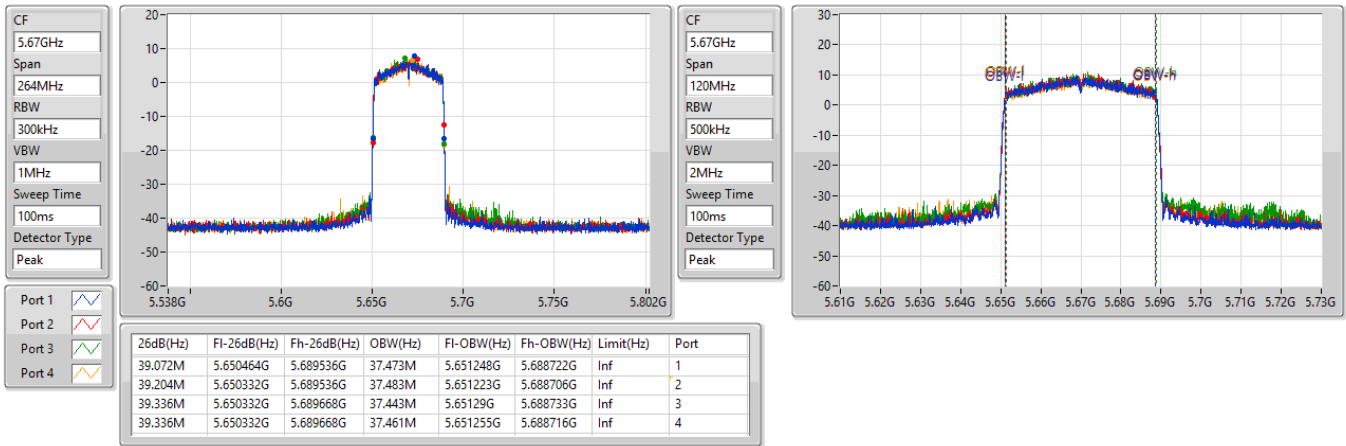




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

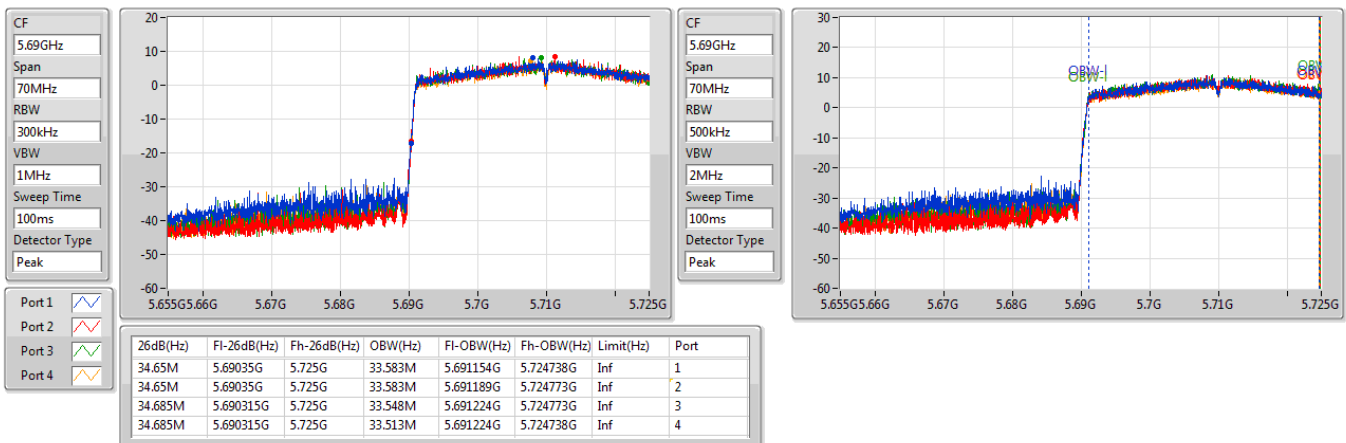
5670MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

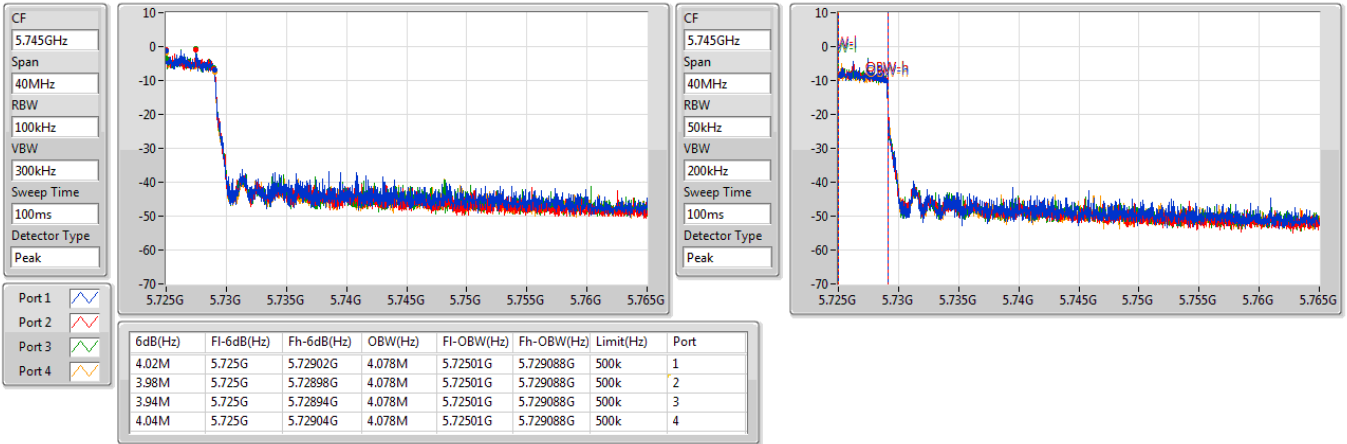




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

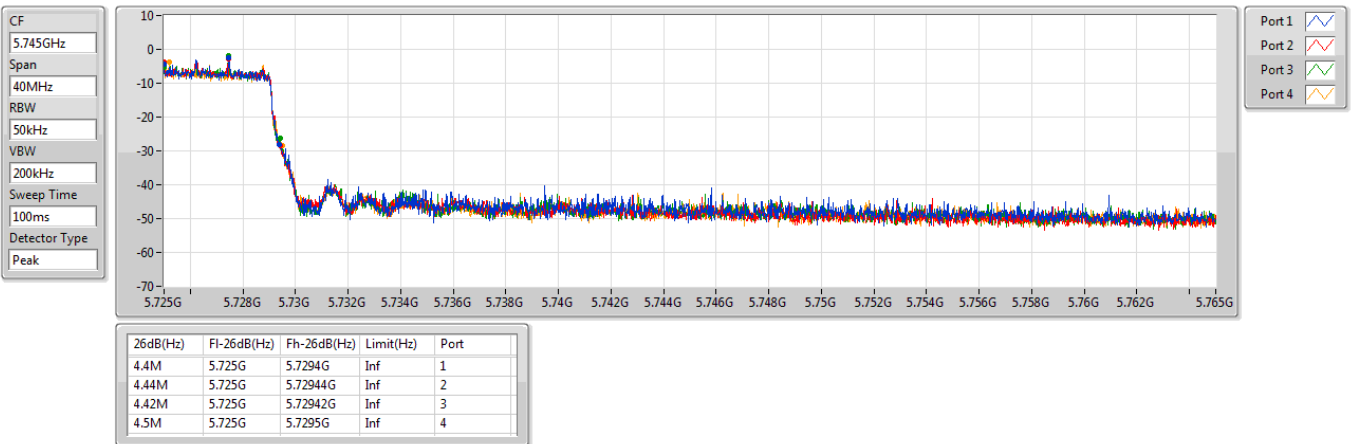
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

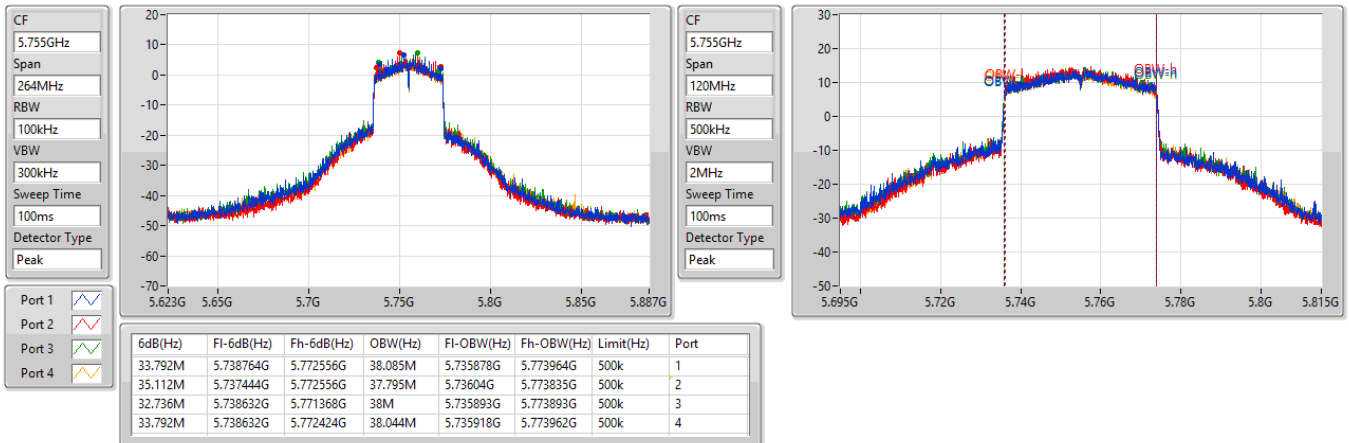




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

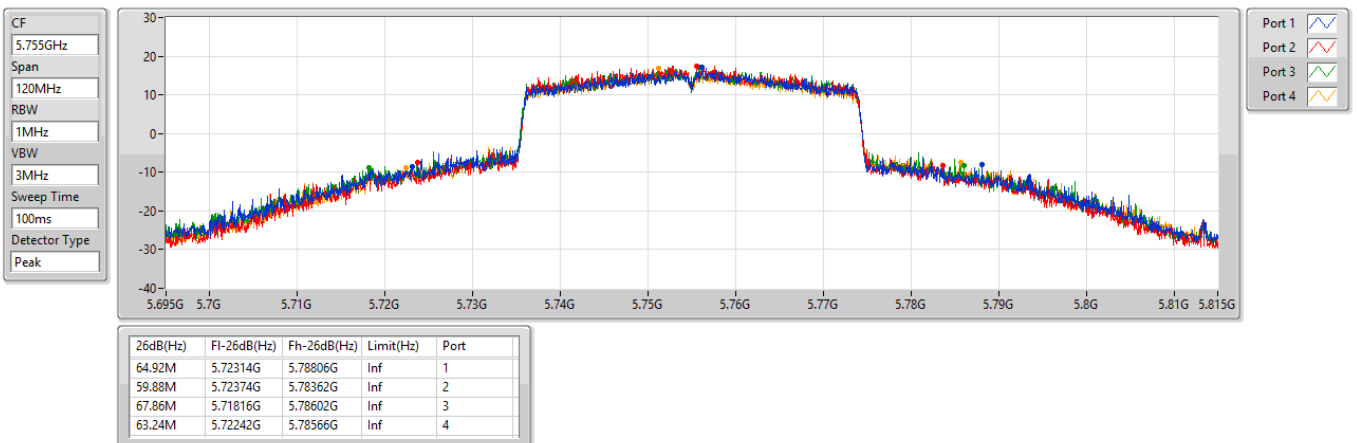
5755MHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

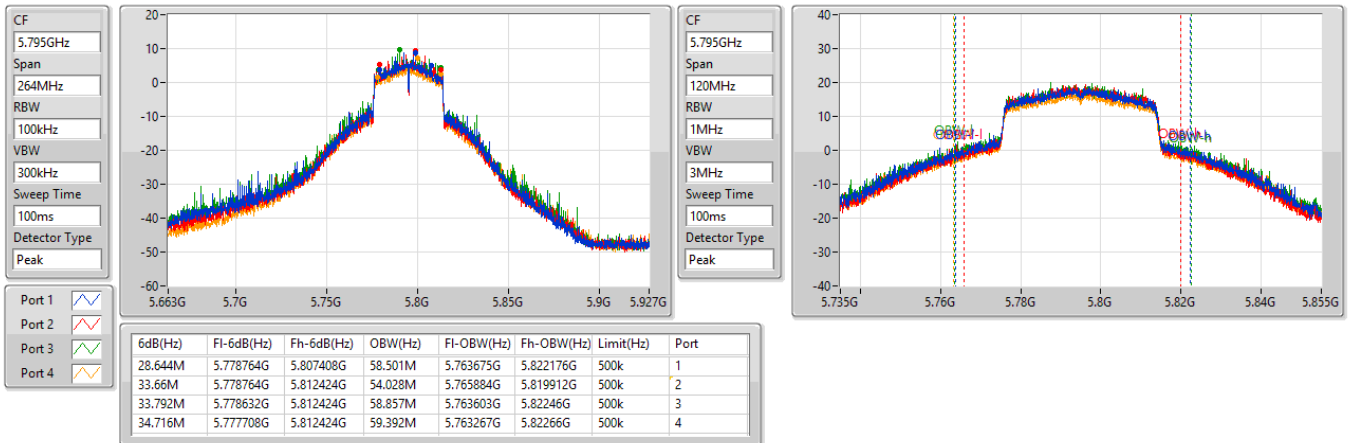




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

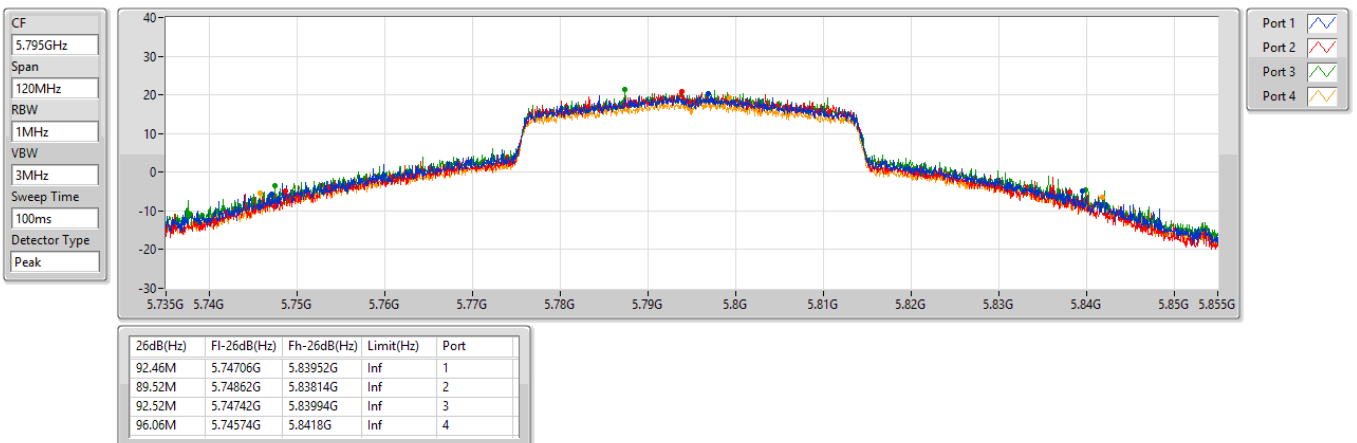
5795MHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

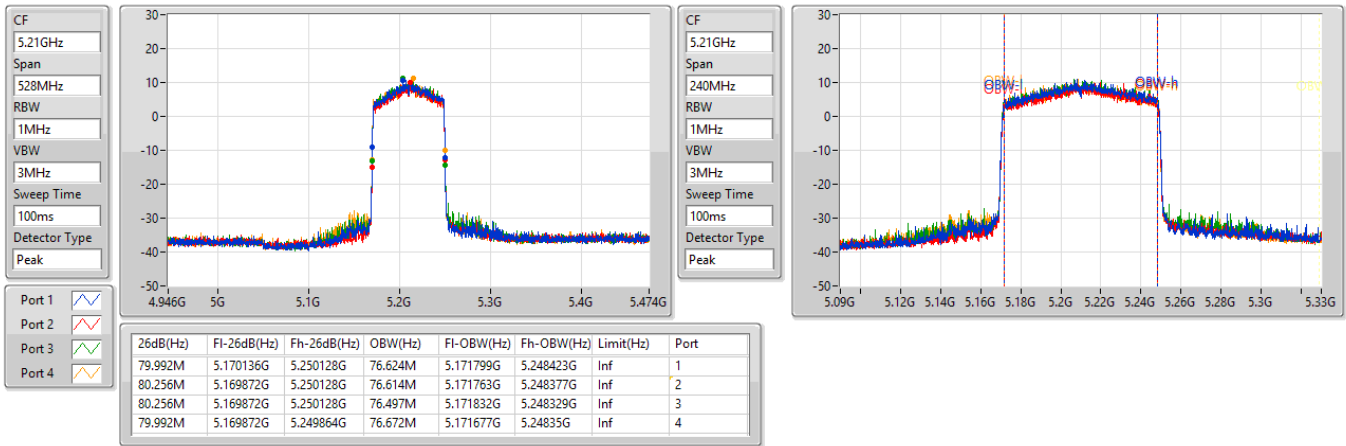




5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

EBW

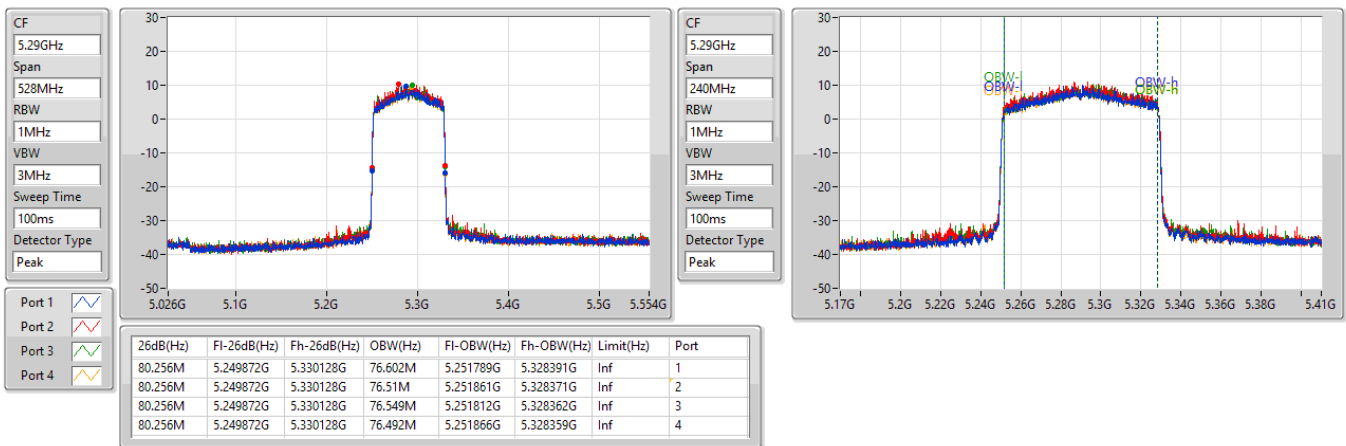
5210MHz



5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

EBW

5290MHz

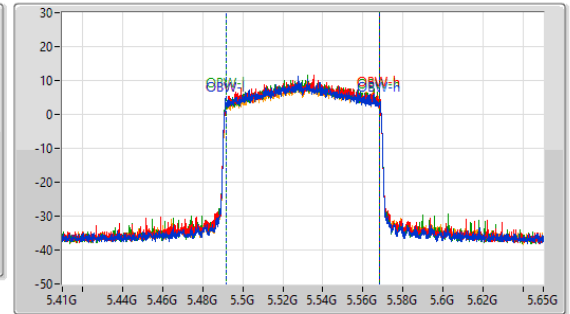
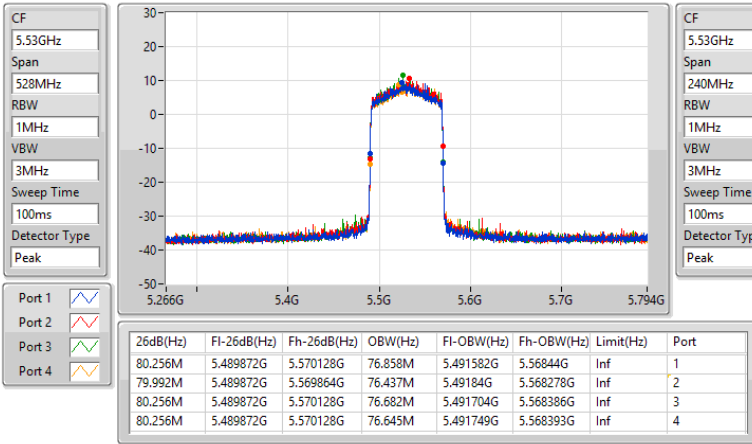




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

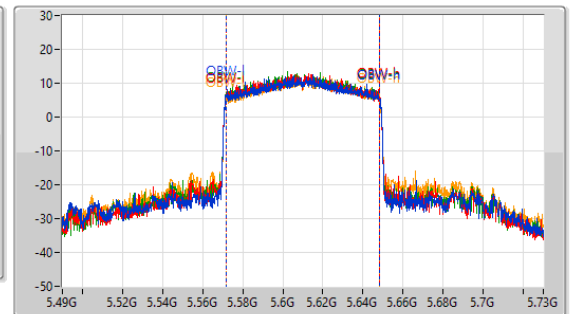
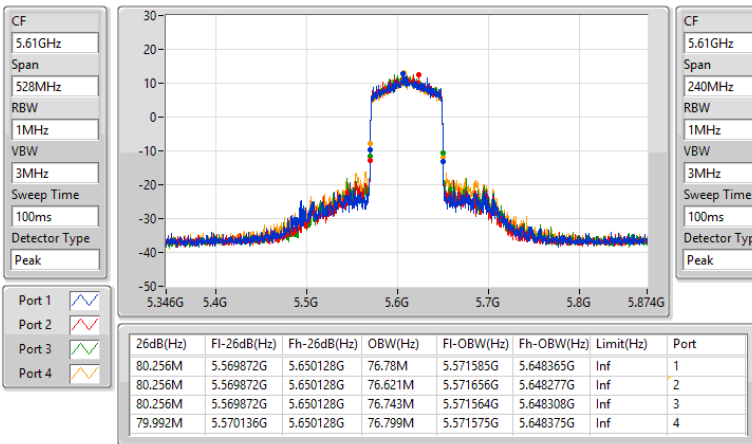
5530MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5610MHz

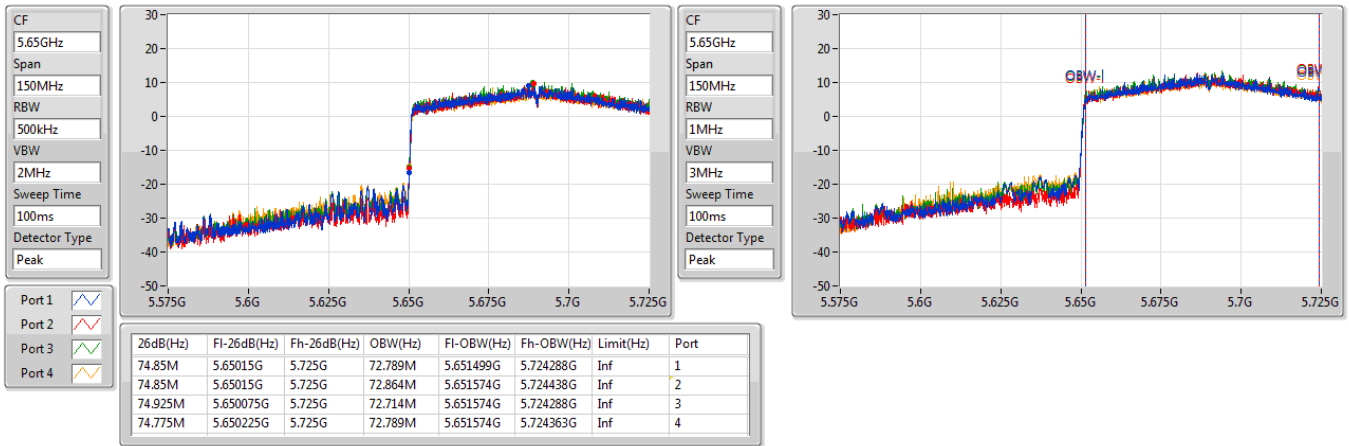




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

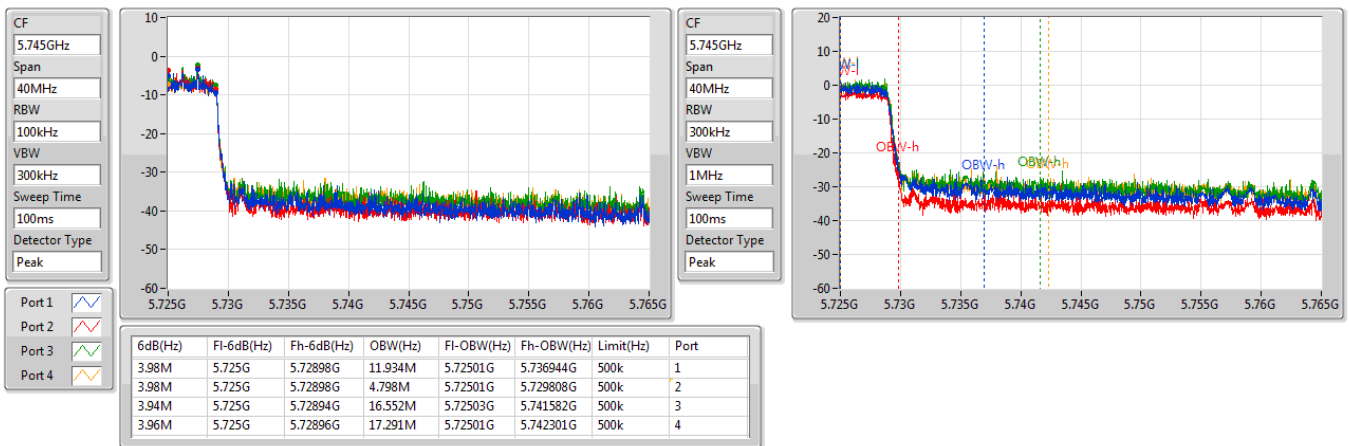
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

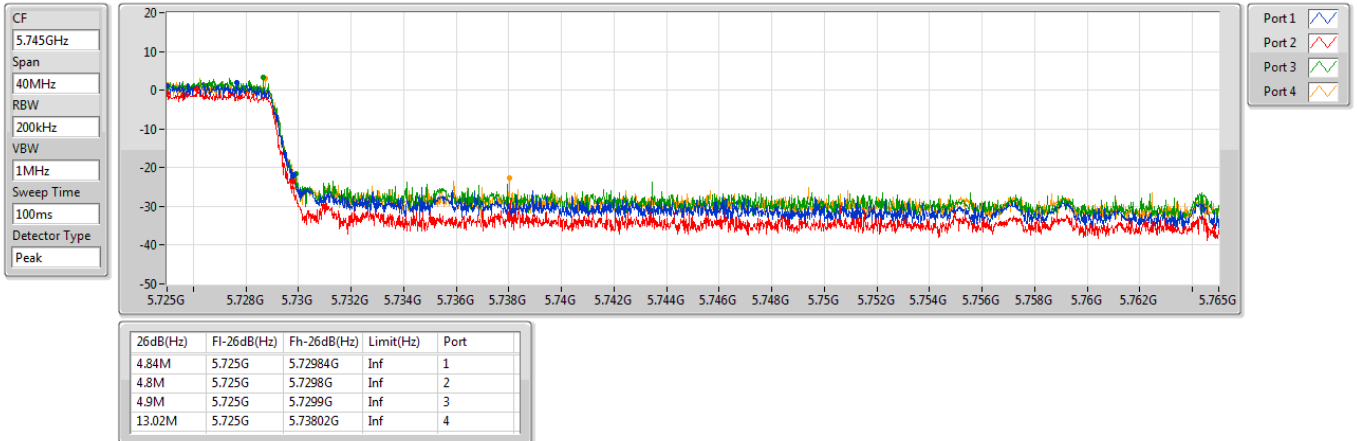




5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

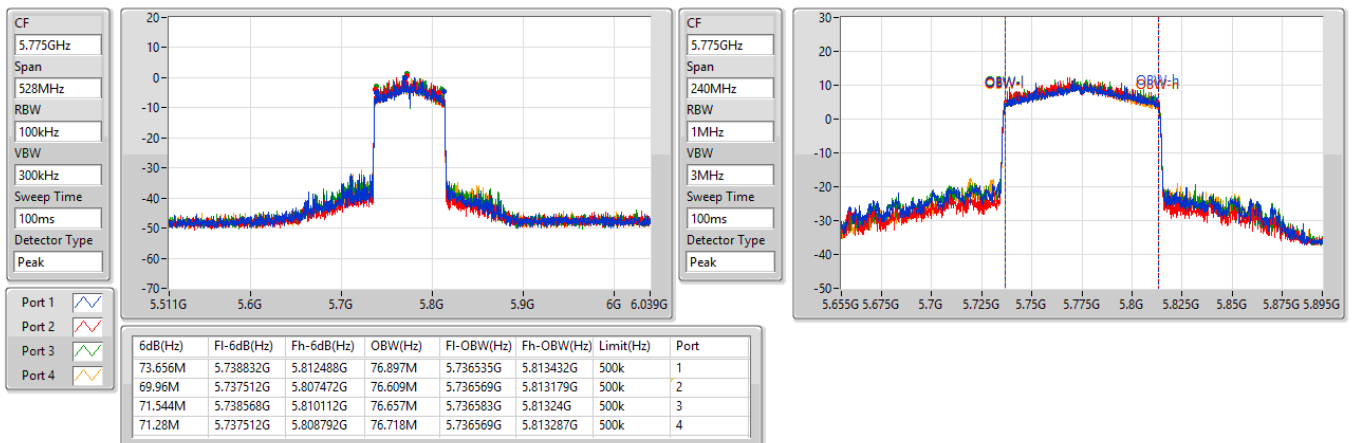
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz



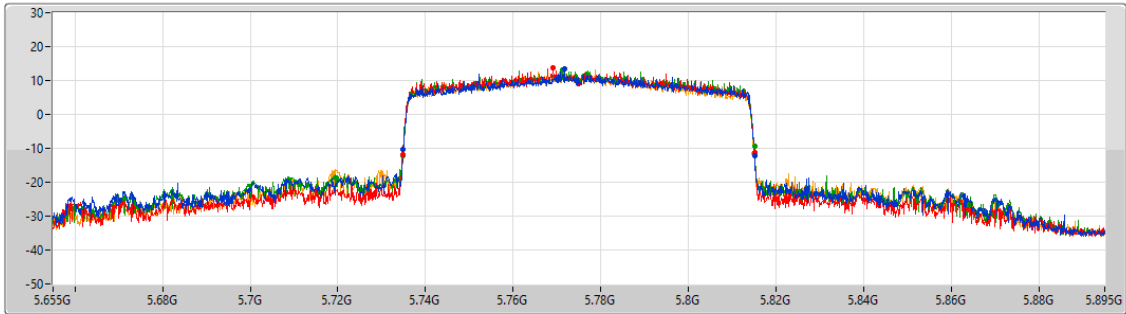


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

CF
5.775GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.16M	5.73492G	5.81508G	Inf	1
80.28M	5.7348G	5.81508G	Inf	2
80.28M	5.7348G	5.81508G	Inf	3
80.04M	5.73492G	5.81496G	Inf	4

Beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	37.422M	19.22M	19M2D1D	21.78M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	53.196M	37.901M	37M9D1D	39.336M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	80.52M	76.642M	76M6D1D	79.992M	76.522M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	31.086M	19.04M	19M0D1D	22.44M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	39.6M	37.481M	37M5D1D	39.204M	37.421M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	80.256M	76.762M	76M8D1D	79.992M	76.642M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.42M	19.04M	19M0D1D	16.515M	14.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	39.336M	37.541M	37M5D1D	34.615M	33.513M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	80.256M	76.762M	76M8D1D	75.075M	72.564M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.678M	24.678M	24M7D1D	4.46M	4.798M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	35.112M	38.321M	38M3D1D	3.94M	4.078M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	74.976M	76.882M	76M9D1D	3.98M	4.118M

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 / Minimum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX										
5180MHz	Pass	Inf	23.562M	19.1M	22.11M	19.07M	29.238M	19.16M	33.198M	19.16M
5200MHz	Pass	Inf	29.832M	19.16M	28.314M	19.13M	32.34M	19.22M	37.422M	19.22M
5240MHz	Pass	Inf	21.78M	18.891M	22.968M	18.891M	24.684M	18.951M	22.176M	18.891M
5260MHz	Pass	Inf	26.07M	19.04M	31.086M	19.04M	24.552M	19.04M	22.44M	19.01M
5300MHz	Pass	Inf	24.024M	19.04M	25.014M	19.01M	23.562M	19.01M	23.43M	19.04M
5320MHz	Pass	Inf	25.476M	19.04M	25.476M	19.01M	22.704M	19.04M	22.638M	19.01M
5500MHz	Pass	Inf	22.506M	19.04M	23.628M	19.04M	24.354M	19.01M	22.77M	19.04M
5580MHz	Pass	Inf	21.912M	19.04M	21.912M	18.981M	24.42M	19.01M	23.76M	19.01M
5700MHz	Pass	Inf	22.44M	19.04M	22.11M	19.04M	21.516M	19.01M	21.846M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.905M	14.528M	19.065M	14.543M	18.36M	14.498M	16.515M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.798M	4.46M	4.798M	4.46M	4.838M	4.54M	4.818M
5745MHz	Pass	500k	18.678M	19.34M	18.282M	19.31M	18.216M	19.52M	18.084M	19.49M
5785MHz	Pass	500k	18.612M	19.52M	18.15M	19.31M	18.348M	19.52M	18.348M	20.54M
5825MHz	Pass	500k	18.15M	23.118M	18.216M	20.96M	18.084M	22.549M	18.612M	24.678M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX										
5190MHz	Pass	Inf	39.336M	37.481M	39.336M	37.481M	39.336M	37.481M	39.336M	37.481M
5230MHz	Pass	Inf	51.348M	37.781M	48.576M	37.781M	53.196M	37.901M	42.372M	37.721M
5270MHz	Pass	Inf	39.6M	37.481M	39.204M	37.481M	39.336M	37.481M	39.336M	37.481M
5310MHz	Pass	Inf	39.336M	37.481M	39.336M	37.481M	39.336M	37.421M	39.204M	37.481M
5510MHz	Pass	Inf	39.204M	37.421M	39.336M	37.541M	39.336M	37.481M	39.336M	37.481M
5590MHz	Pass	Inf	39.336M	37.481M	39.336M	37.481M	39.204M	37.361M	39.336M	37.481M
5670MHz	Pass	Inf	39.336M	37.481M	39.072M	37.481M	39.072M	37.421M	39.336M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.615M	33.513M	34.65M	33.513M	34.65M	33.513M	34.72M	33.513M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.078M	3.98M	4.098M	3.94M	4.098M	3.94M	4.118M
5755MHz	Pass	500k	34.056M	37.781M	35.112M	37.601M	35.112M	37.781M	35.112M	37.721M
5795MHz	Pass	500k	35.112M	38.021M	34.584M	37.901M	33.792M	38.021M	33.792M	38.321M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX										
5210MHz	Pass	Inf	80.52M	76.522M	80.256M	76.522M	79.992M	76.522M	80.256M	76.642M
5290MHz	Pass	Inf	80.256M	76.642M	80.256M	76.762M	80.256M	76.762M	79.992M	76.642M
5530MHz	Pass	Inf	79.992M	76.522M	80.256M	76.762M	80.256M	76.522M	80.256M	76.642M
5610MHz	Pass	Inf	80.256M	76.522M	80.256M	76.642M	80.256M	76.642M	80.256M	76.642M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.225M	72.639M	75.15M	72.639M	75.075M	72.564M	75.075M	72.714M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.118M	4M	4.118M	3.98M	4.118M	4M	4.138M
5775MHz	Pass	500k	74.976M	76.882M	74.976M	76.522M	72.6M	76.762M	74.976M	76.522M

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

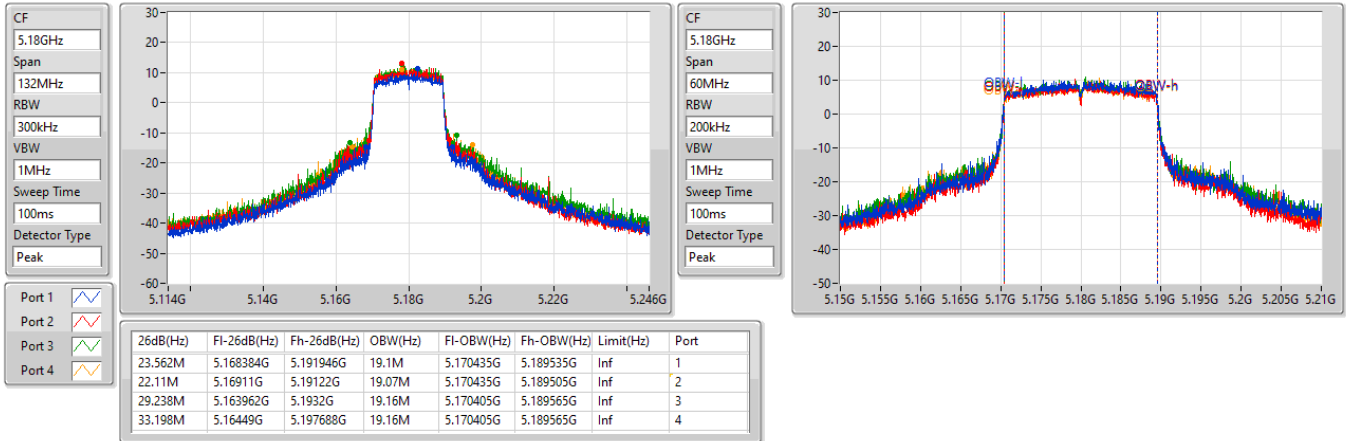
Port X-OBW = Port X 99% occupied bandwidth



5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

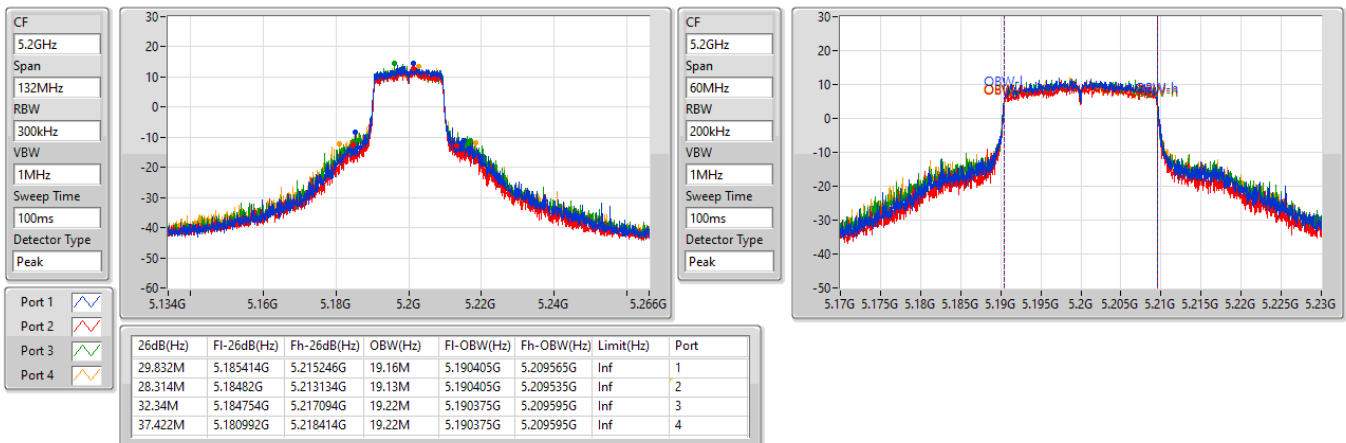
5180MHz



5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

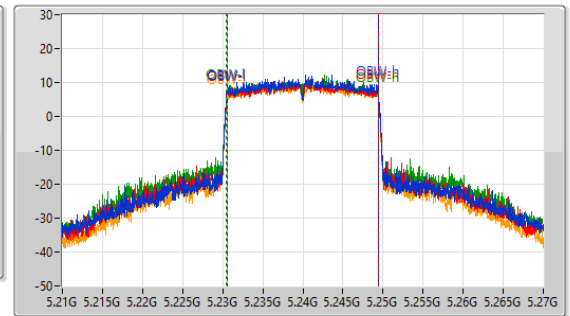
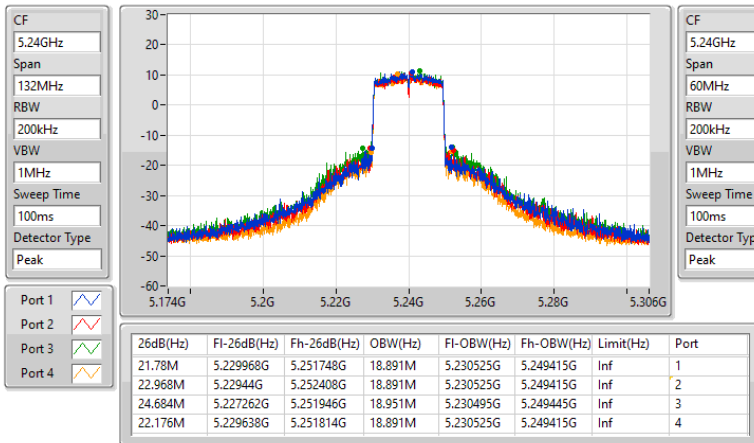




5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

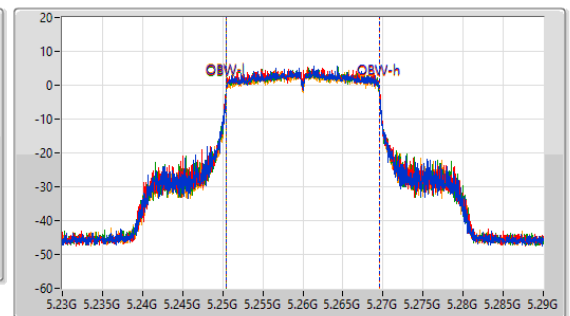
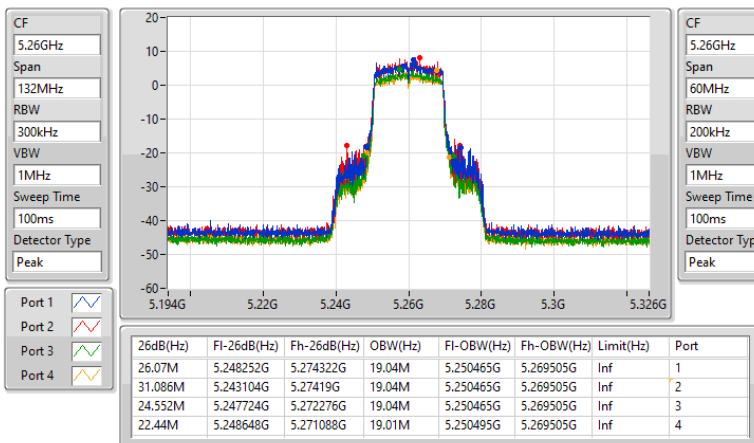
5240MHz



5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

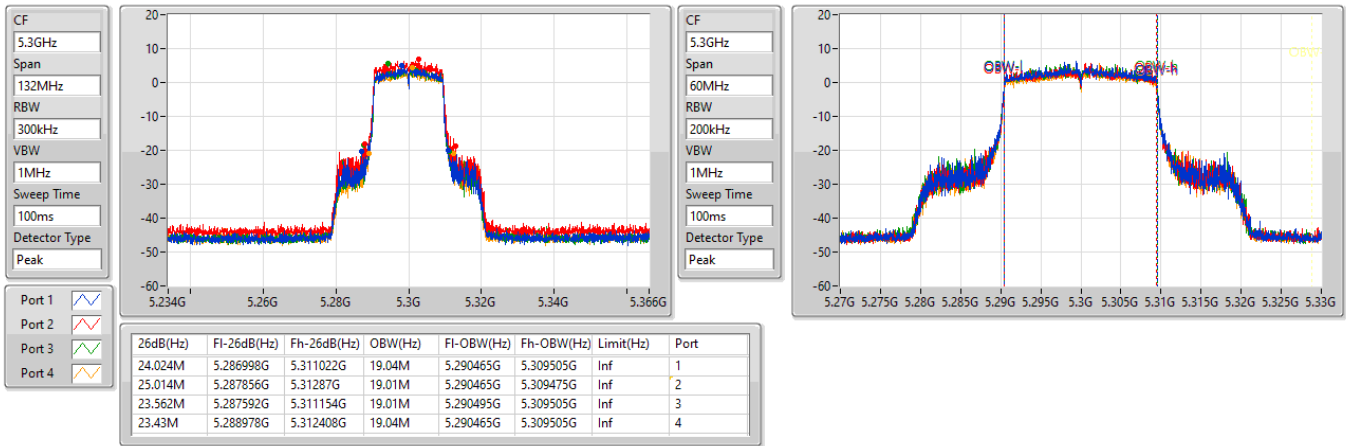




5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

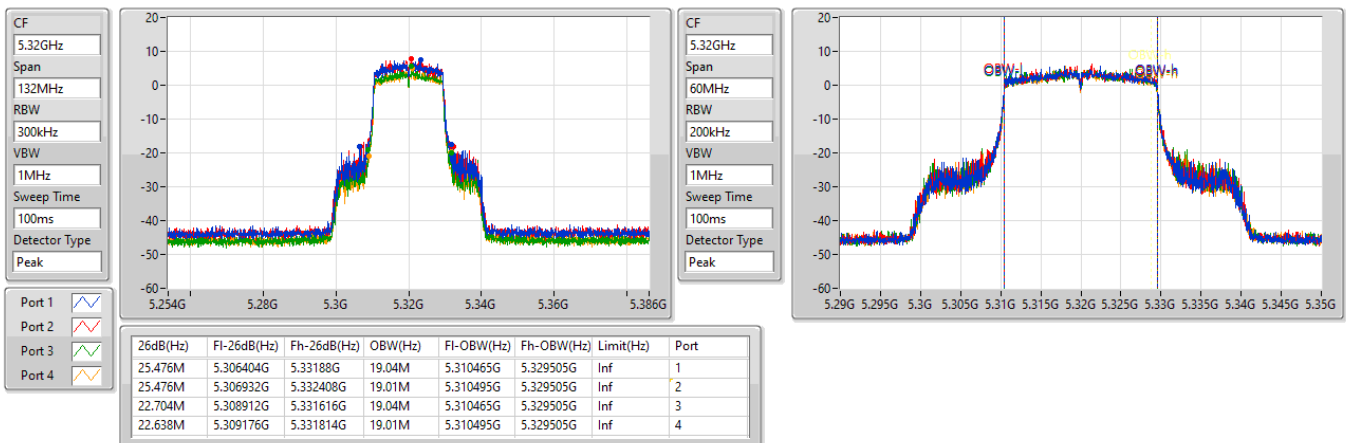
5300MHz



5.25-5.35GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

EBW

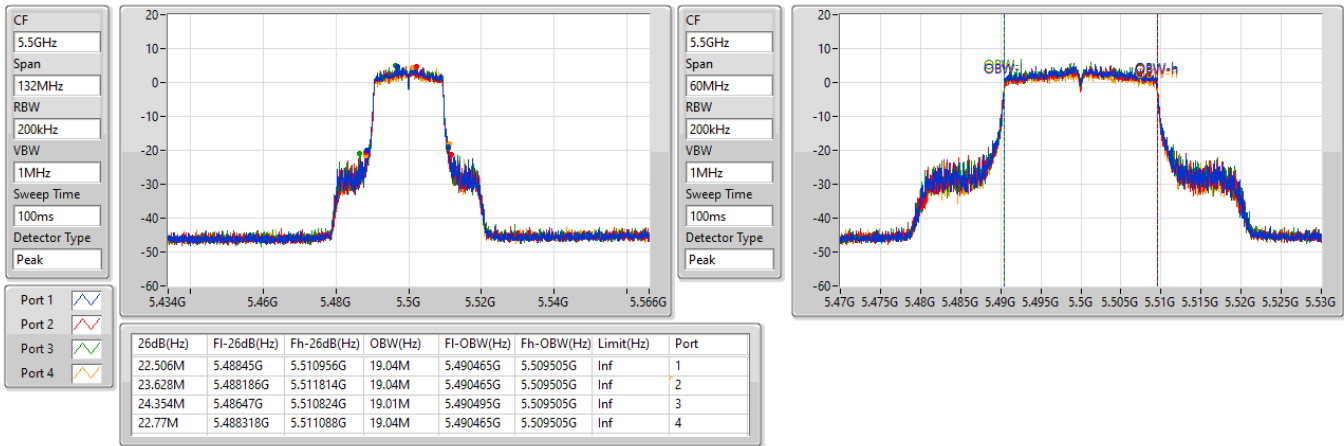
5320MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

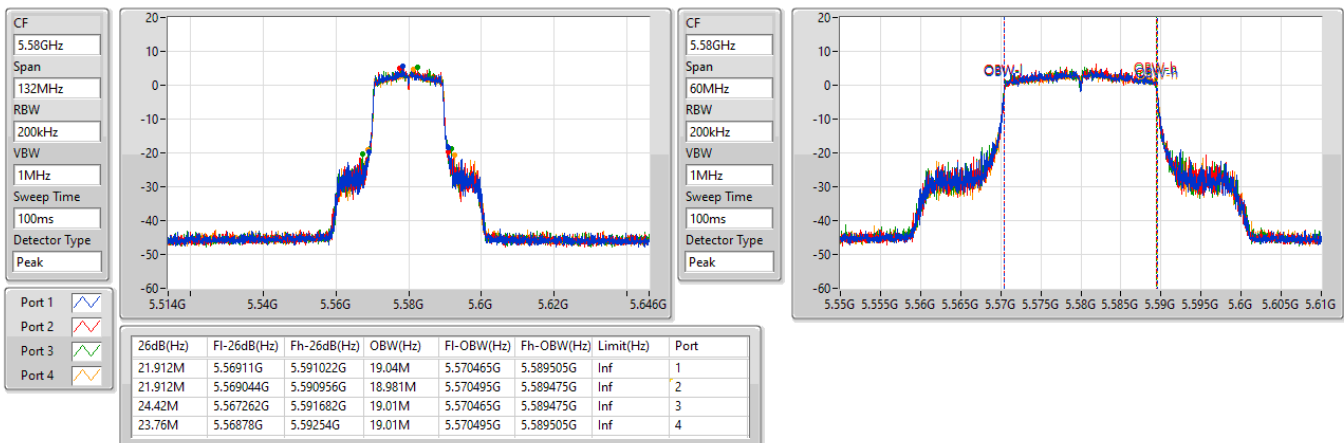
5500MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5580MHz

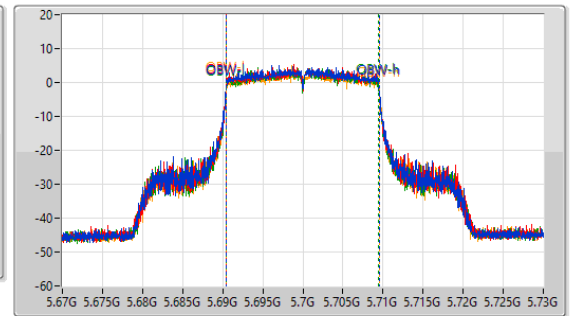
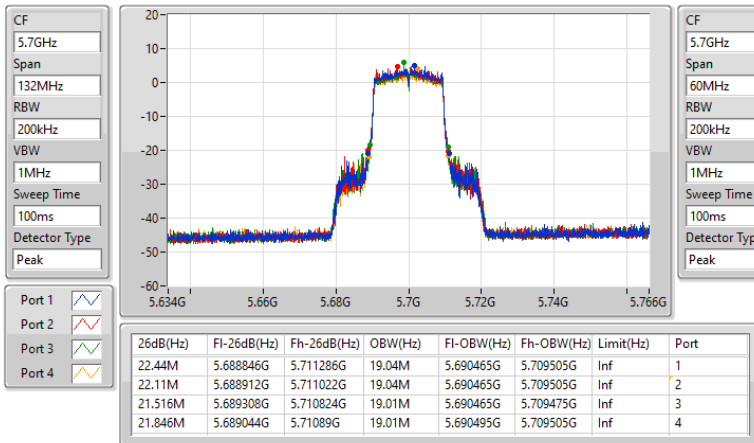




5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

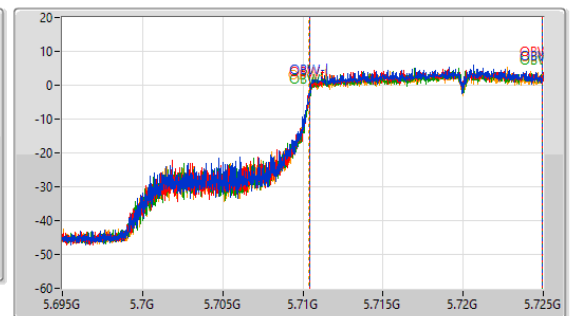
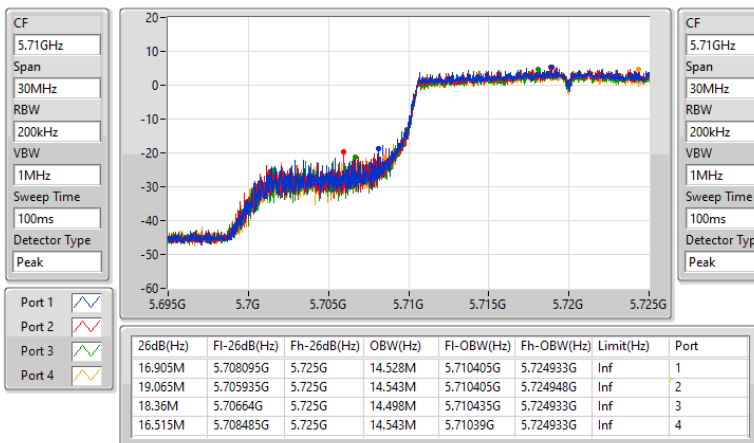
5700MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

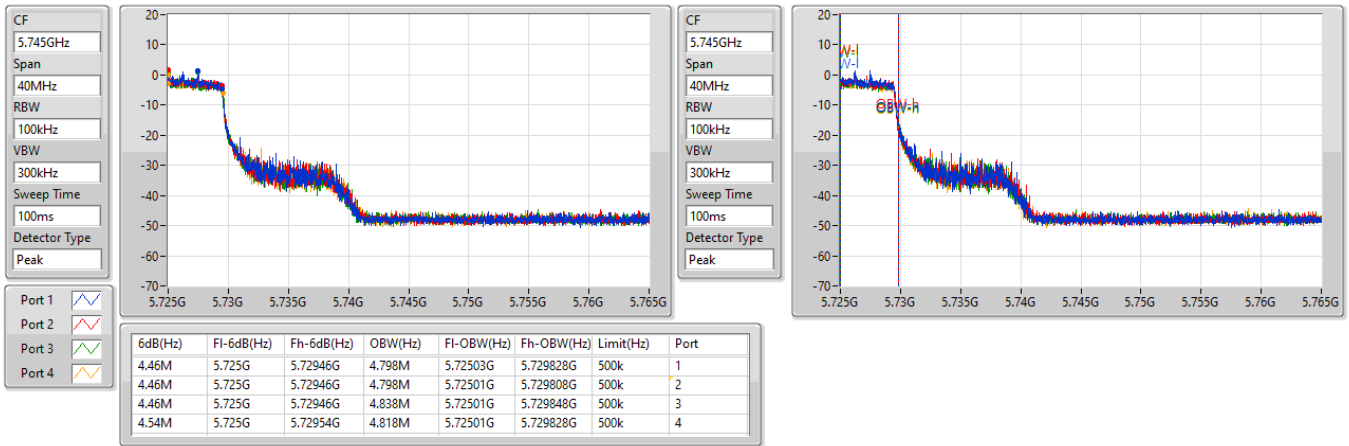




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

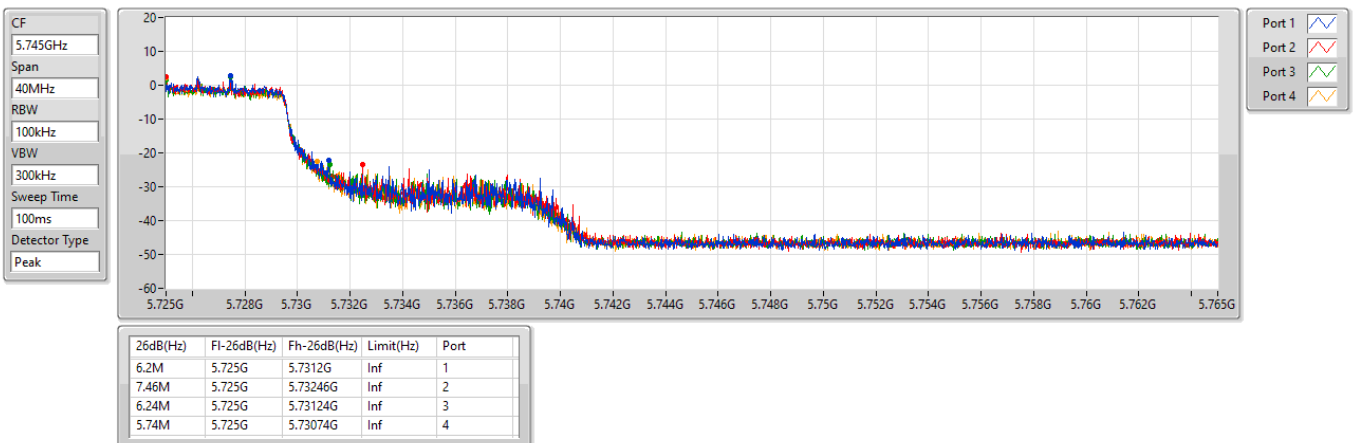
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

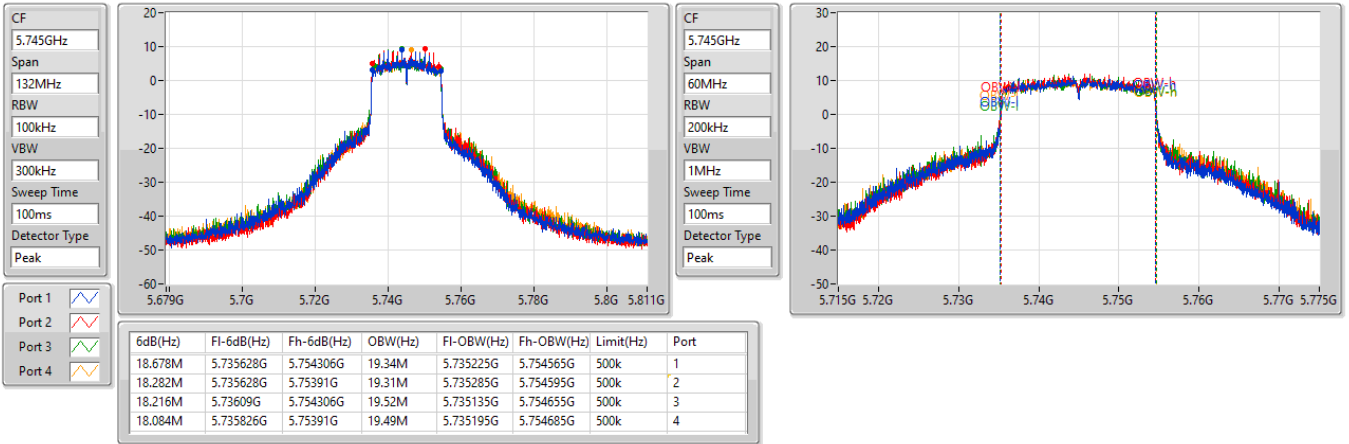




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

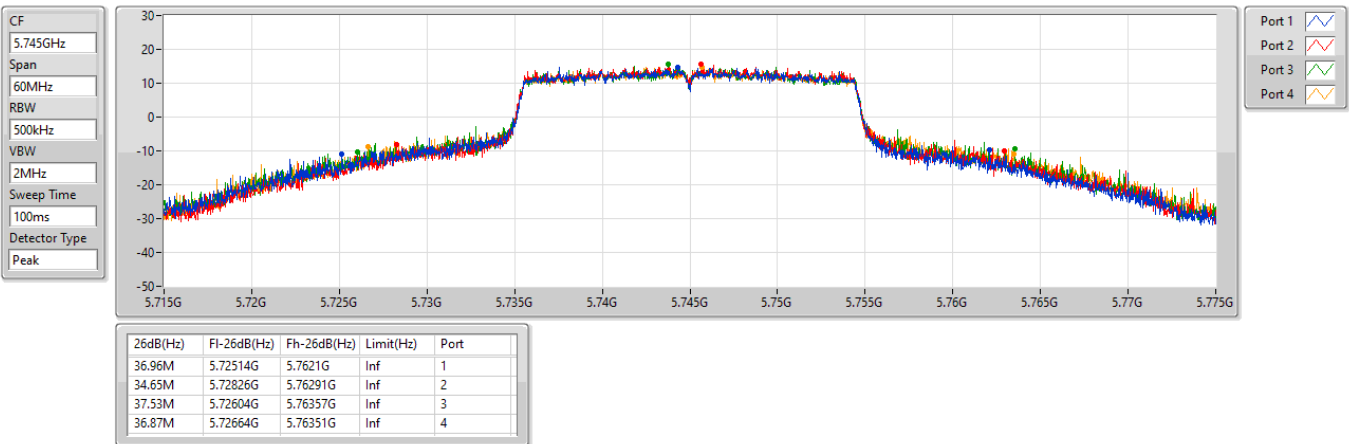
5745MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

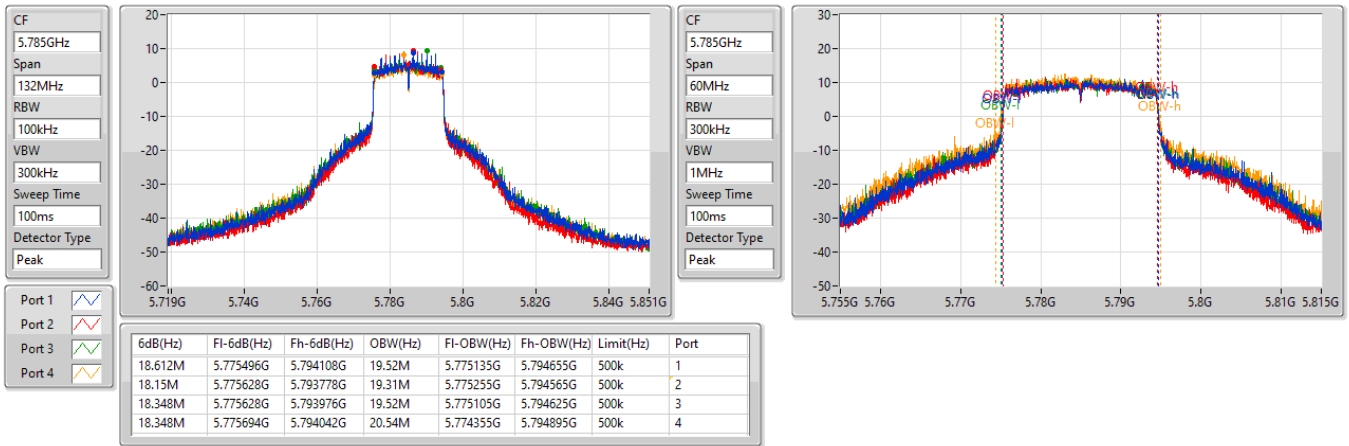




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

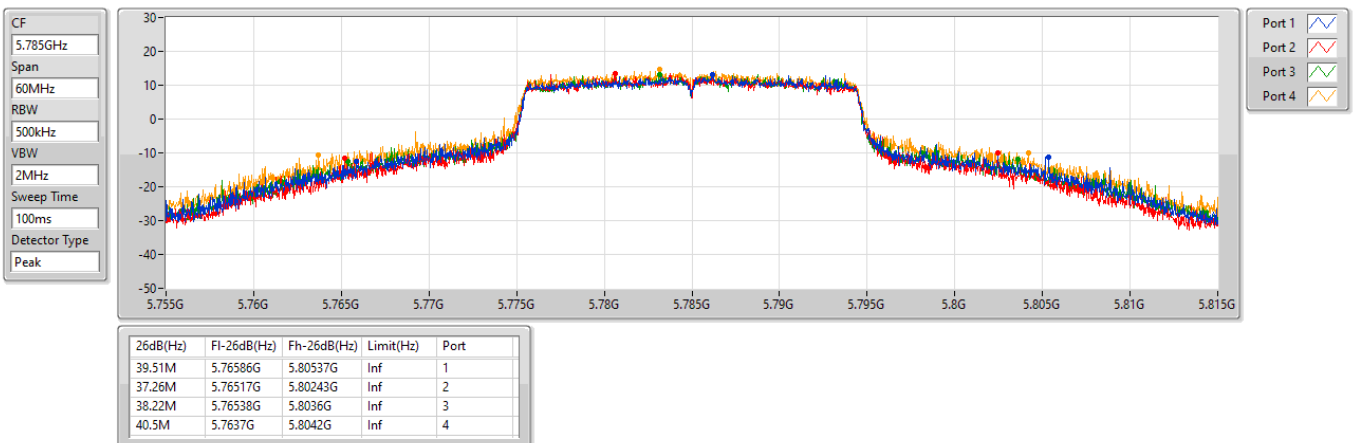
5785MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

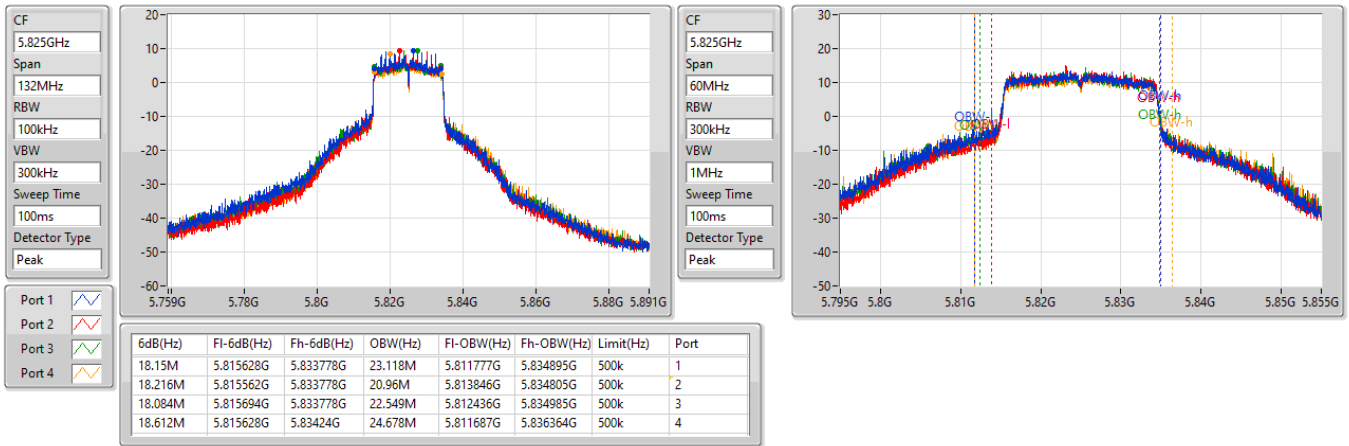
5785MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

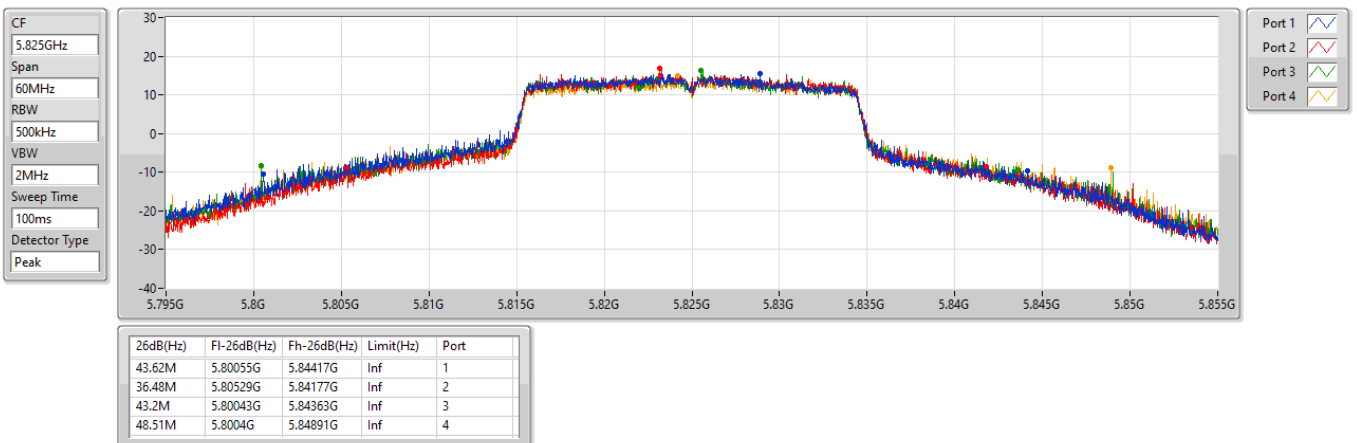
5825MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

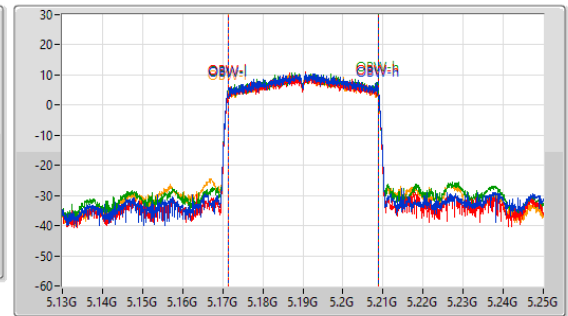
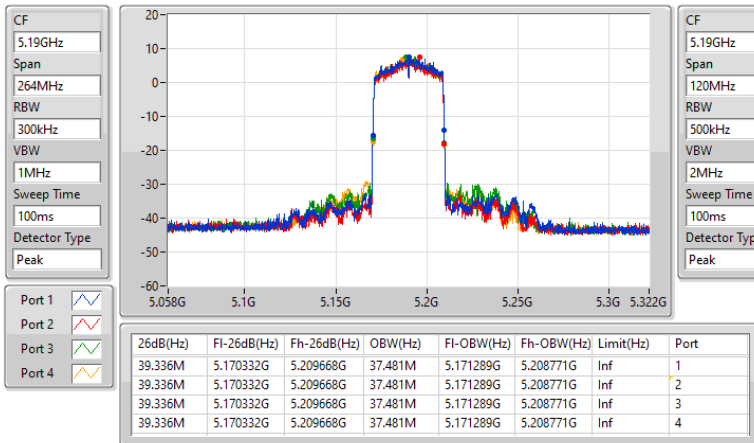




5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

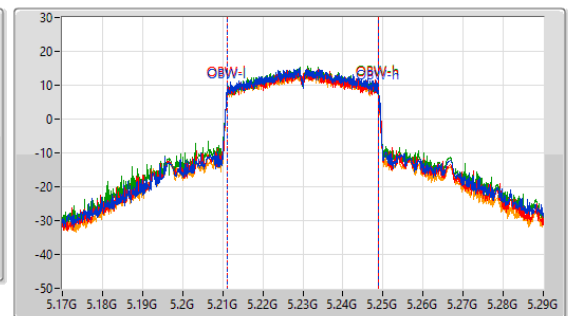
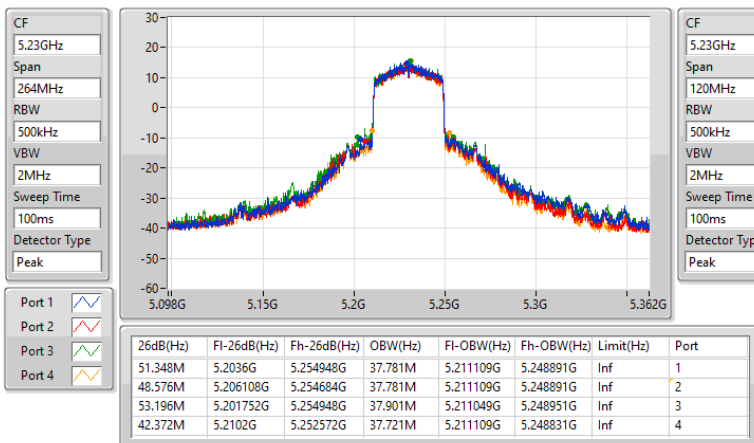
5190MHz



5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

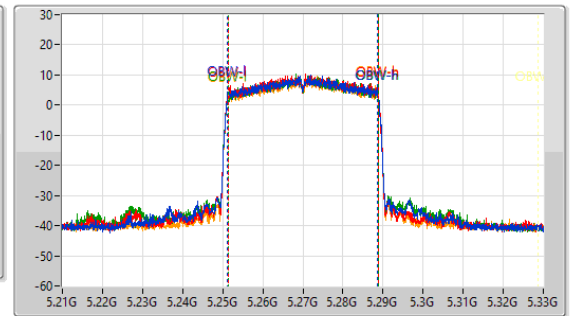
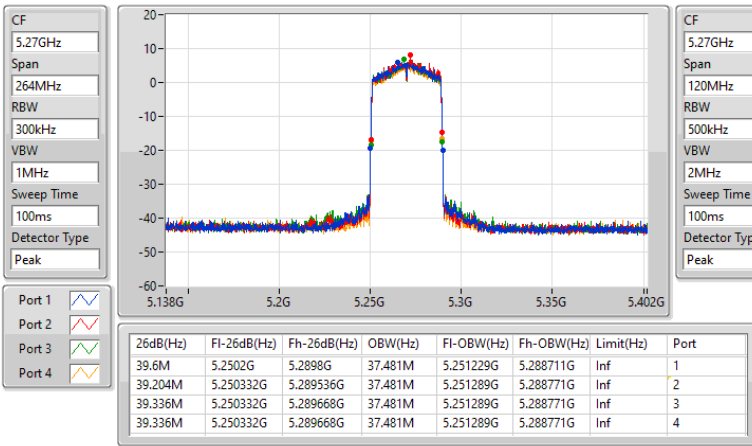




5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

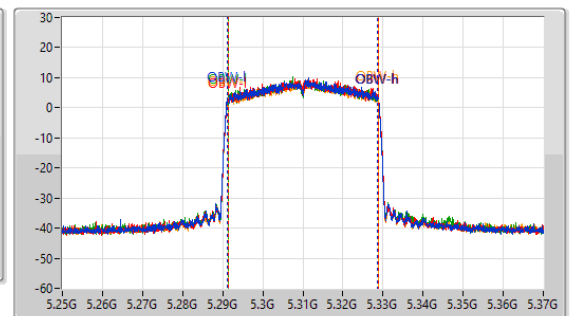
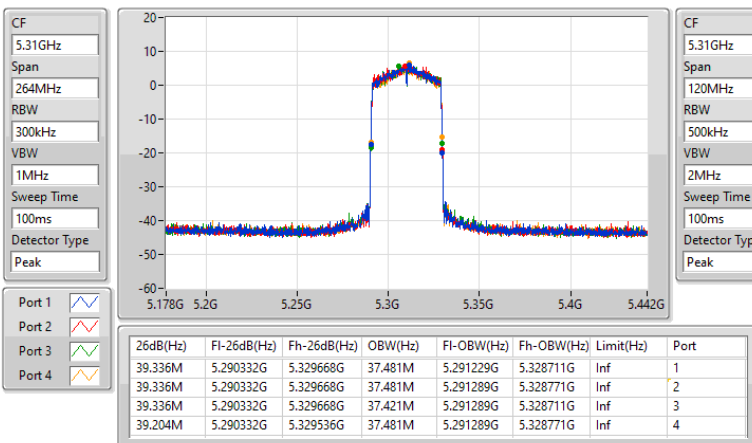
5270MHz



5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

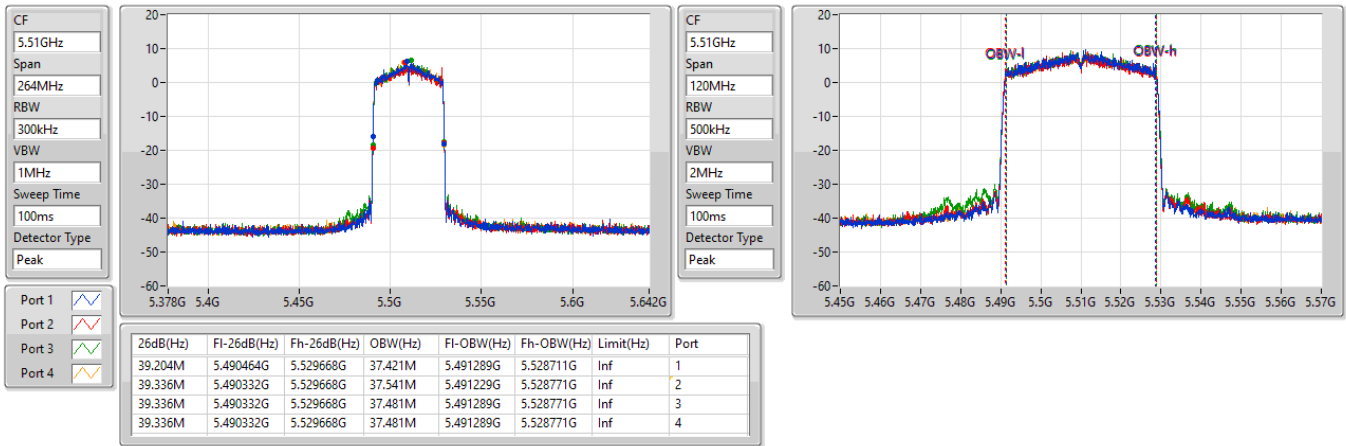




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

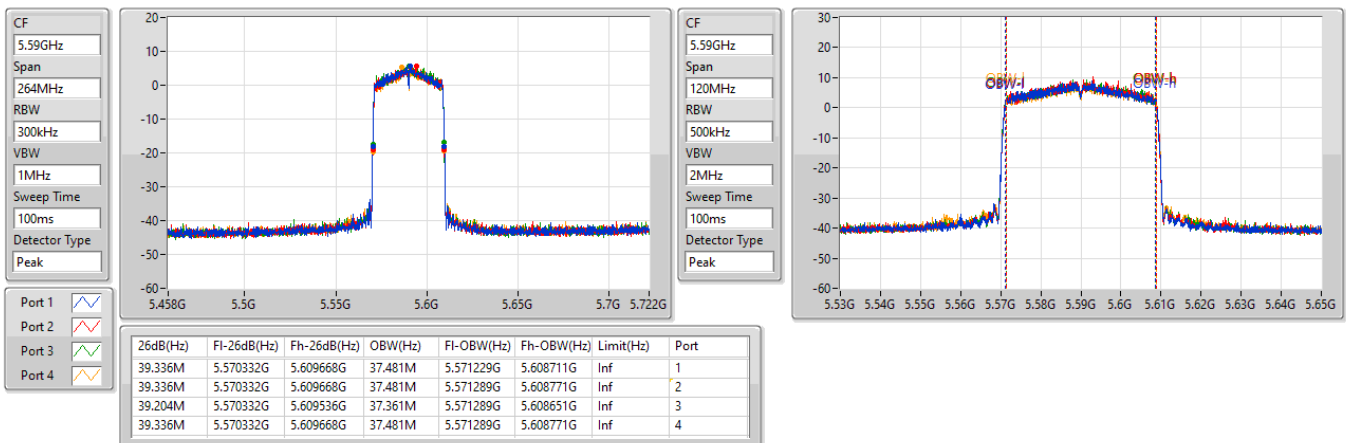
5510MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5590MHz

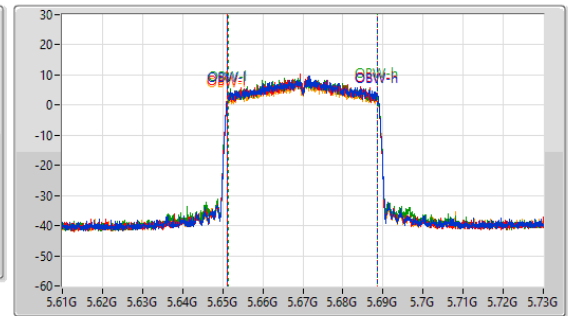
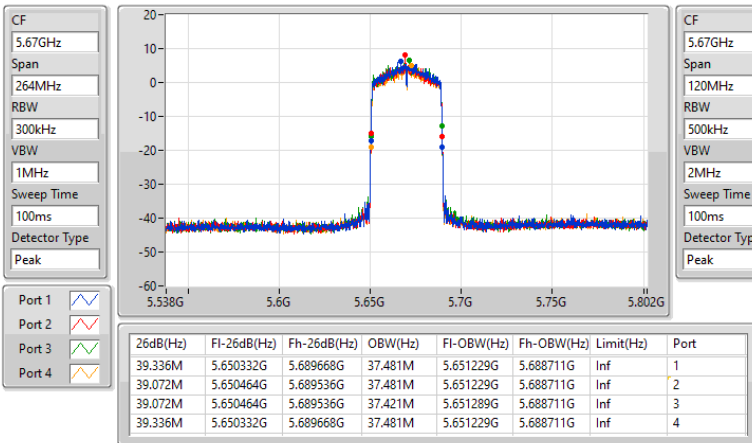




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

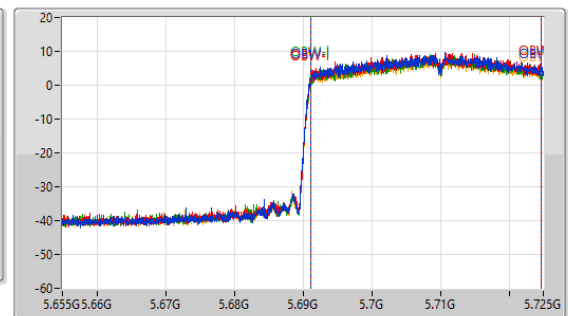
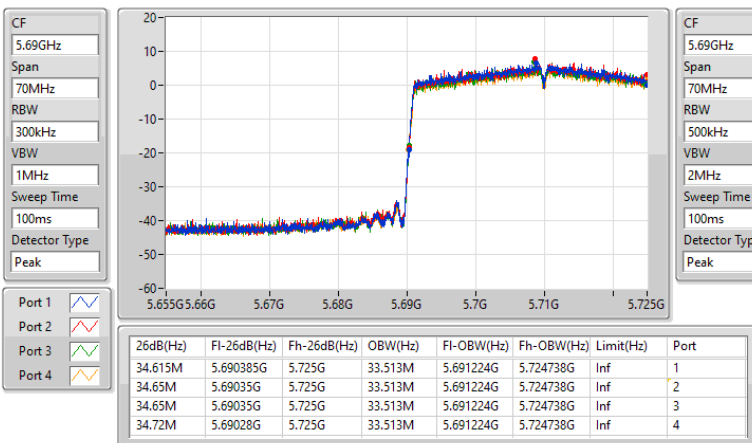
5670MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

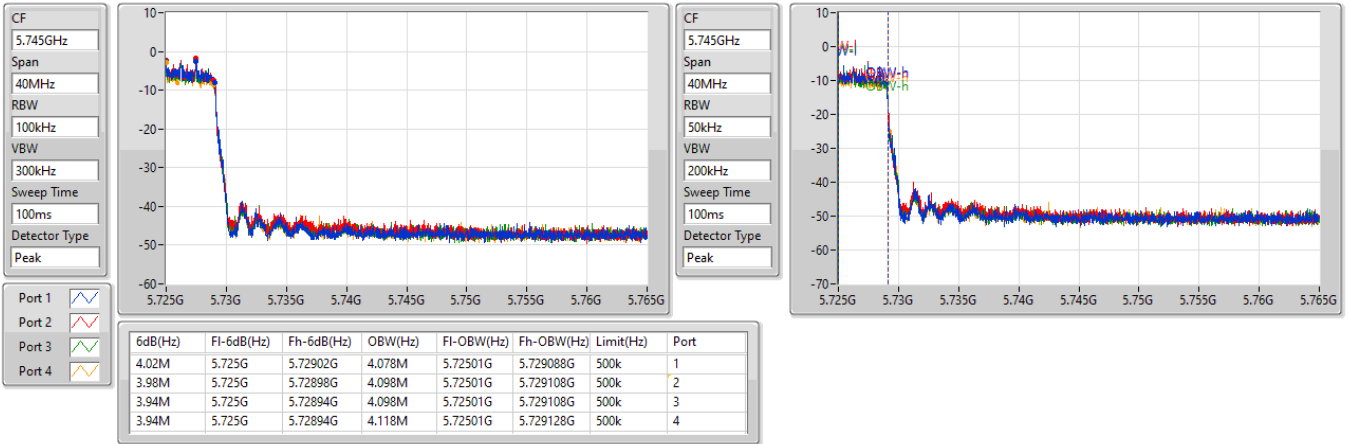




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

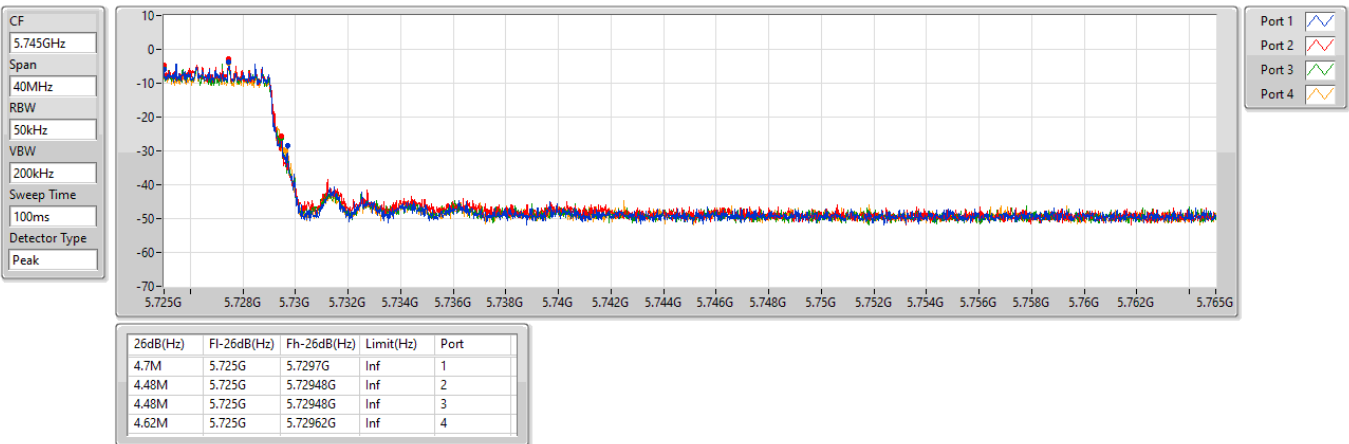
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

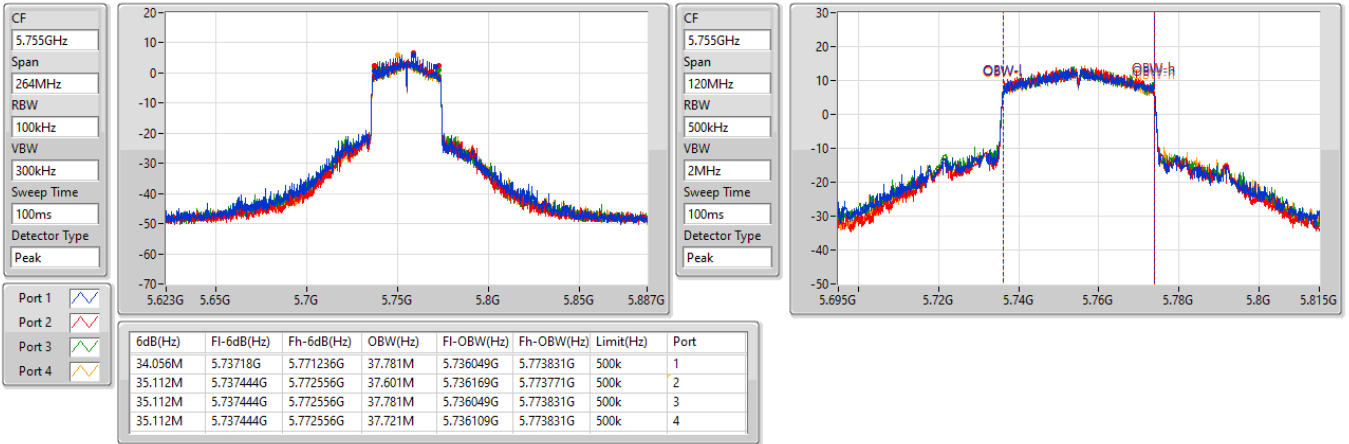




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

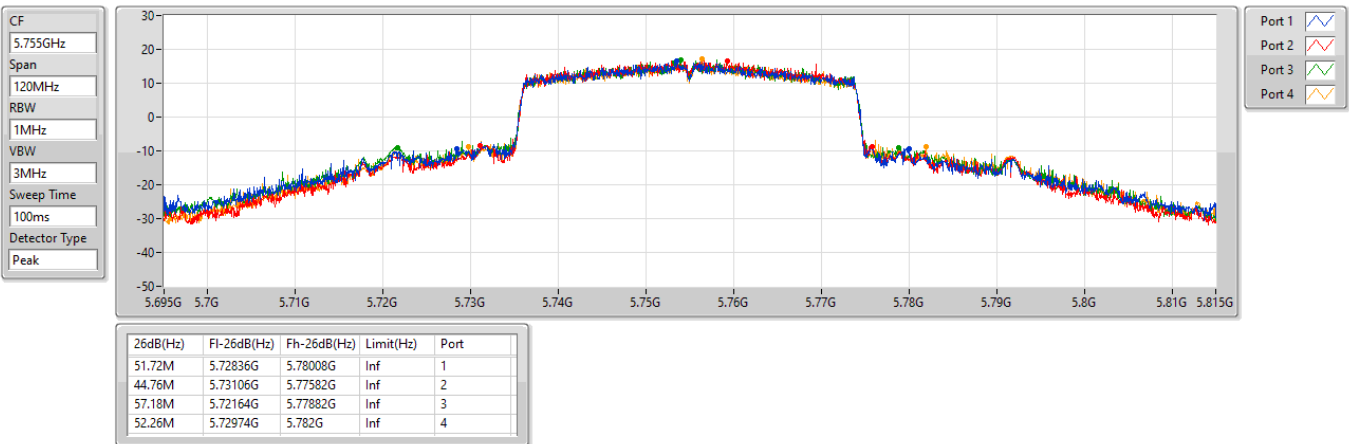
5755MHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

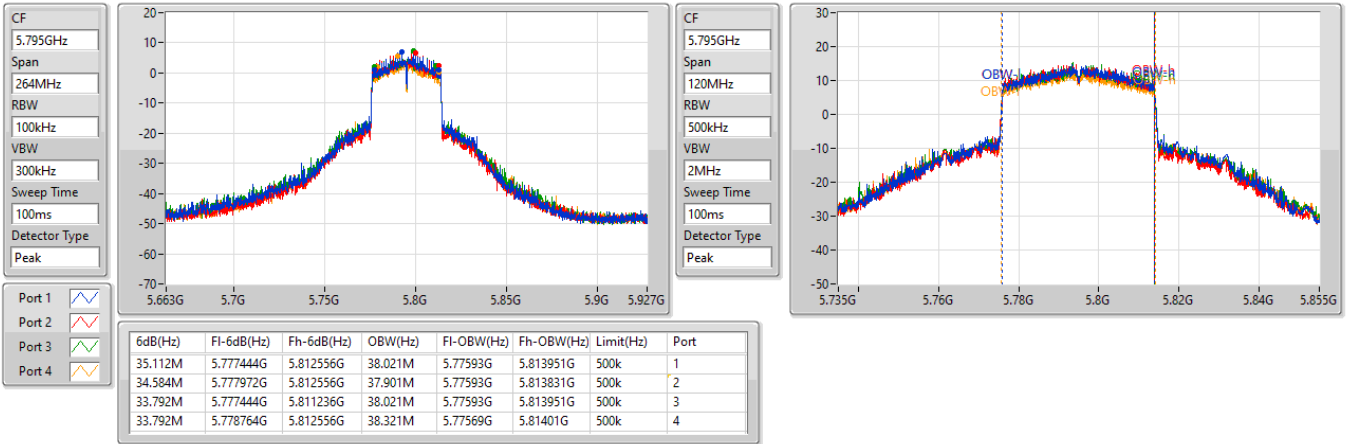




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

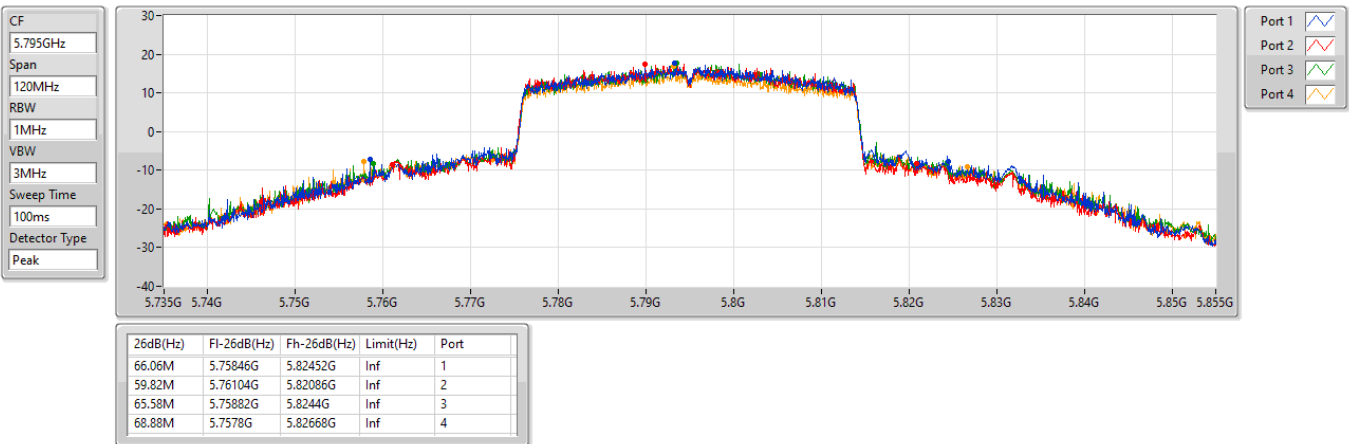
5795MHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

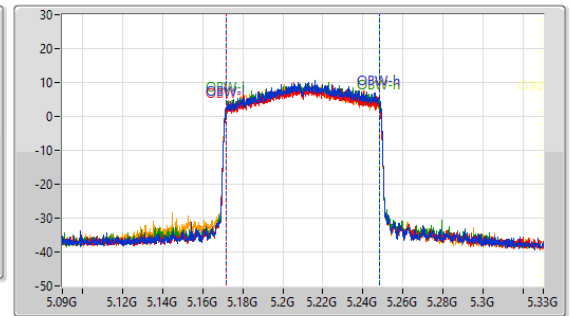
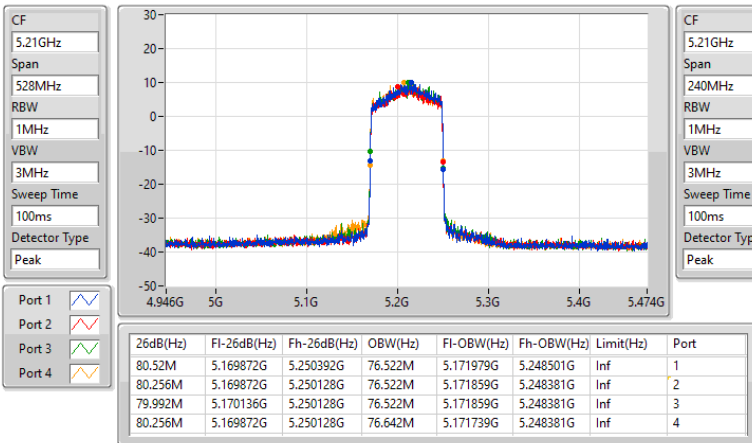




5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

EBW

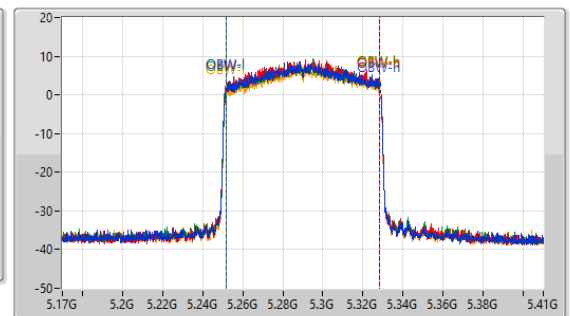
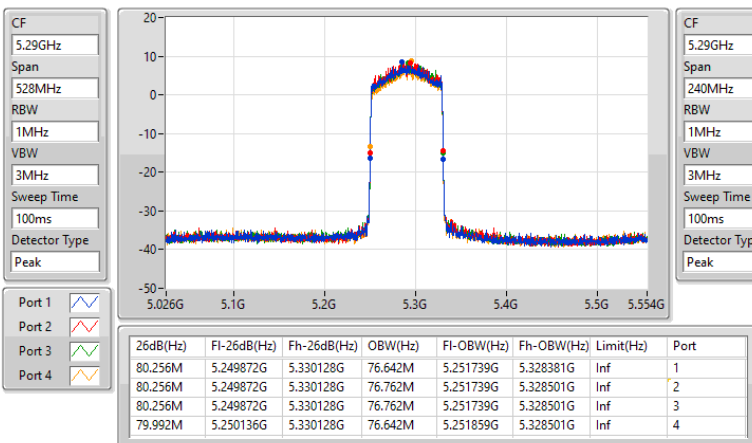
5210MHz



5.25-5.35GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

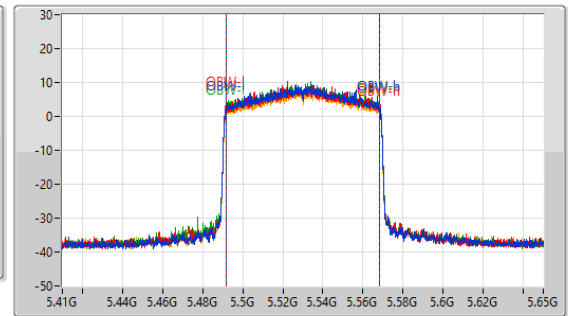
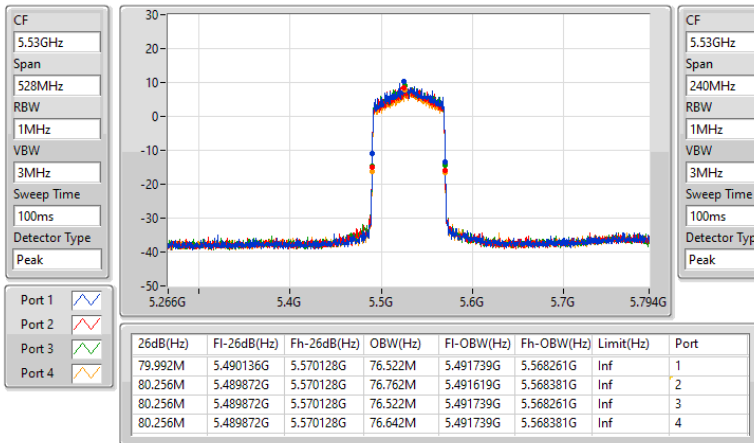




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

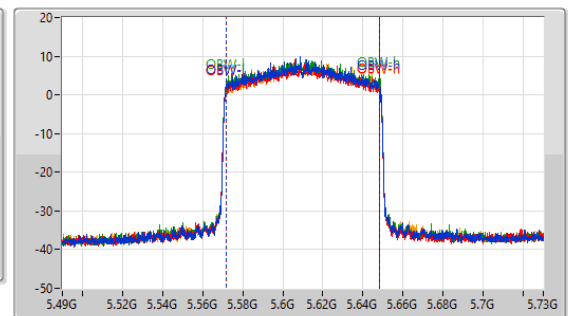
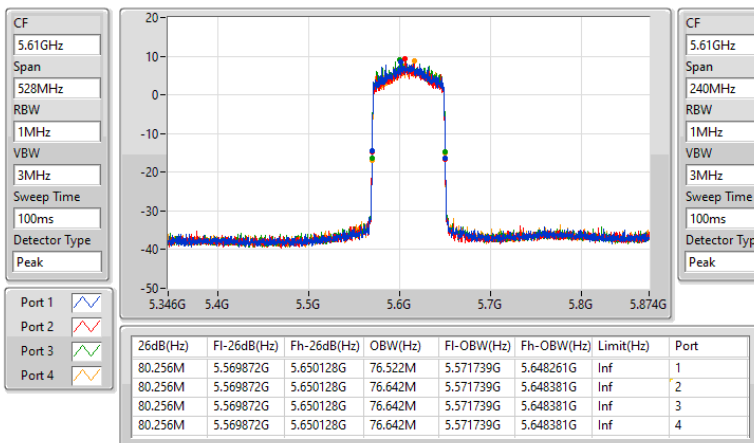
5530MHz



5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5610MHz

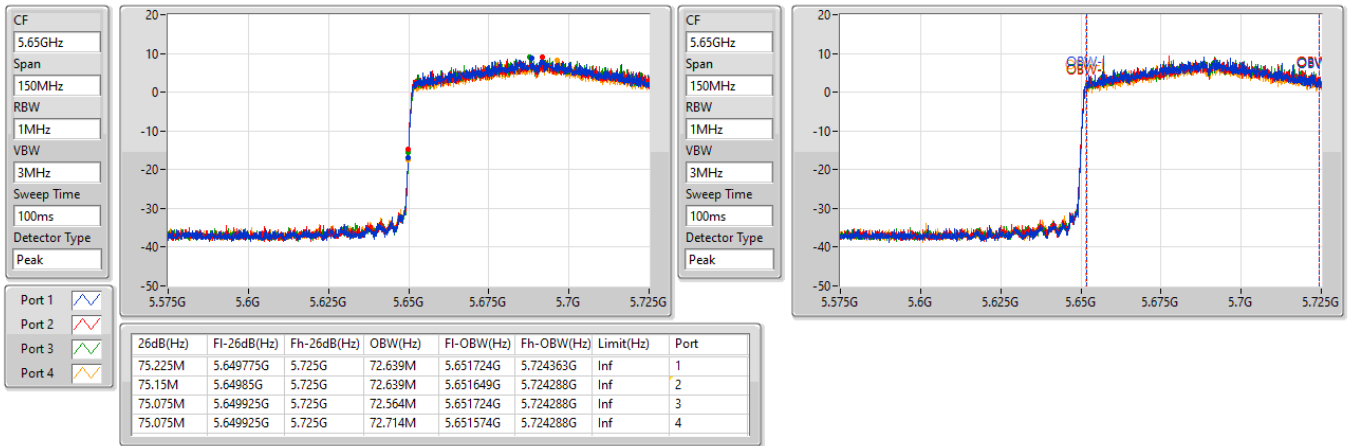




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

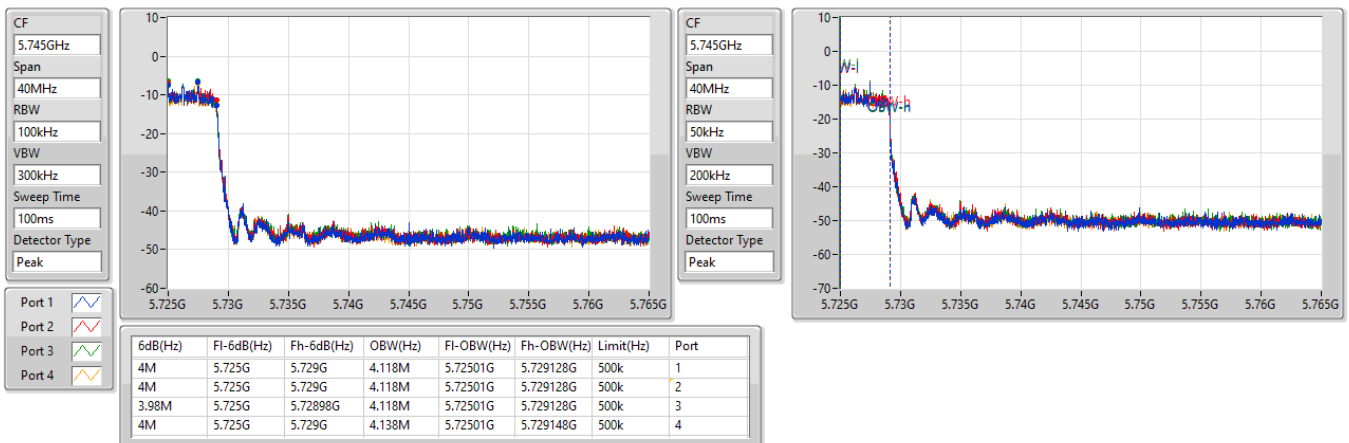
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

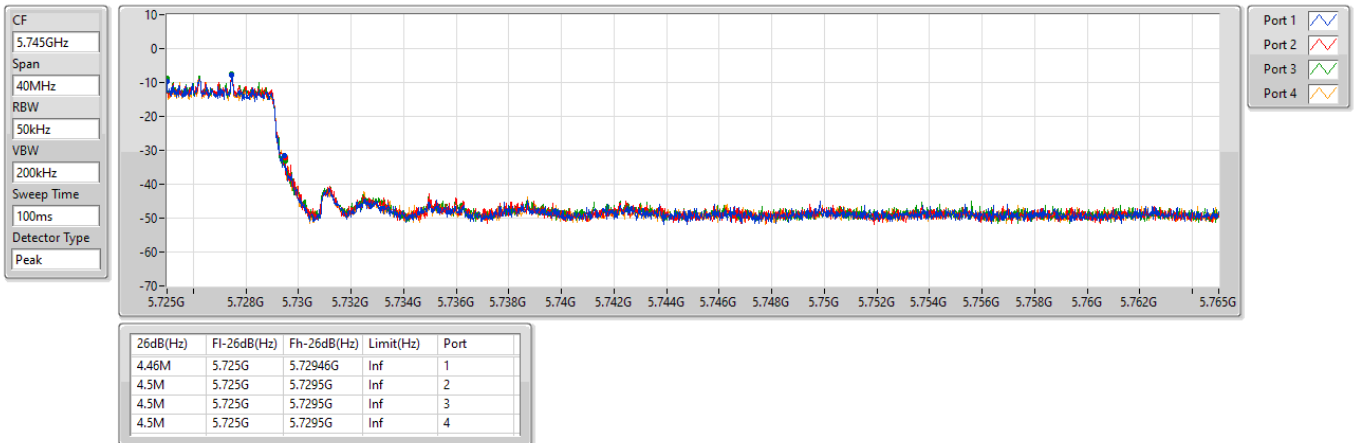
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

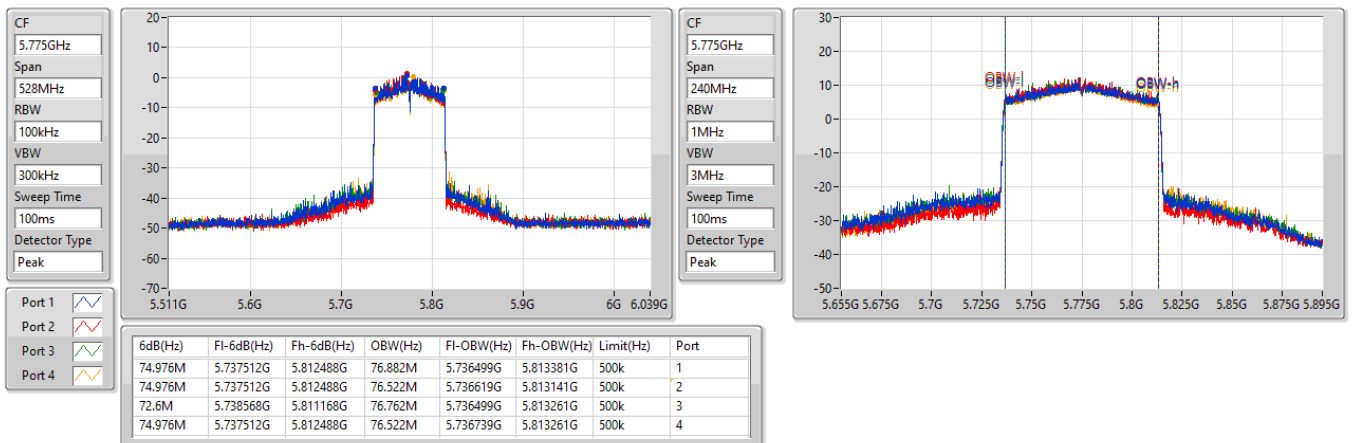
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz



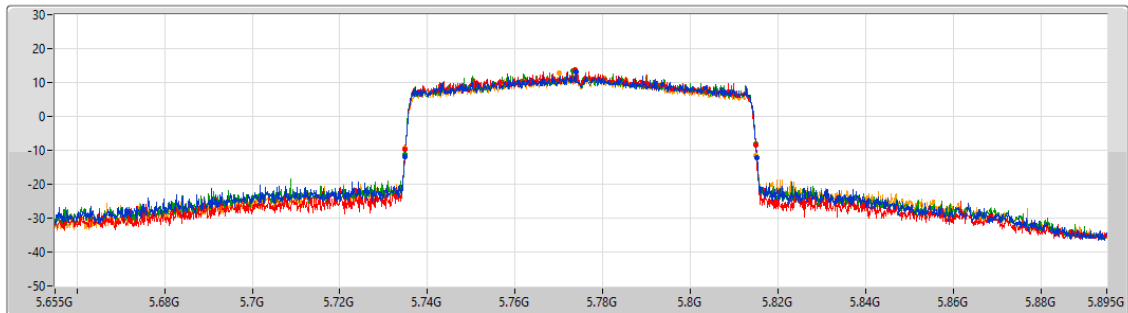


5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

CF
5.775GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.4M	5.7348G	5.8152G	Inf	1
80.04M	5.73492G	5.81496G	Inf	2
80.16M	5.7348G	5.81496G	Inf	3
80.04M	5.73492G	5.81496G	Inf	4

Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.62	0.36475	28.81	0.76033
802.11ax HEW20_Nss1,(MCS0)_4TX	26.24	0.42073	29.43	0.87700
802.11ax HEW40_Nss1,(MCS0)_4TX	26.69	0.46666	29.88	0.97275
802.11ax HEW80_Nss1,(MCS0)_4TX	21.69	0.14757	24.88	0.30761
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.64	0.09204	22.95	0.19724
802.11ax HEW20_Nss1,(MCS0)_4TX	20.14	0.10328	23.45	0.22131
802.11ax HEW40_Nss1,(MCS0)_4TX	22.05	0.16032	25.36	0.34356
802.11ax HEW80_Nss1,(MCS0)_4TX	21.55	0.14289	24.86	0.30620
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.06	0.08054	23.04	0.20137
802.11ax HEW20_Nss1,(MCS0)_4TX	19.90	0.09772	23.88	0.24434
802.11ax HEW40_Nss1,(MCS0)_4TX	21.86	0.15346	25.84	0.38371
802.11ax HEW80_Nss1,(MCS0)_4TX	23.69	0.23388	27.67	0.58479
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	27.53	0.56624	32.23	1.67109
802.11ax HEW20_Nss1,(MCS0)_4TX	27.40	0.54954	32.10	1.62181
802.11ax HEW40_Nss1,(MCS0)_4TX	28.11	0.64714	32.81	1.90985
802.11ax HEW80_Nss1,(MCS0)_4TX	22.82	0.19143	27.52	0.56494

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.193	19.85	18.89	19.65	19.21	25.44	30.00	28.63	36.00
5200MHz	Pass	3.193	19.82	18.98	19.72	19.5	25.54	30.00	28.73	36.00
5240MHz	Pass	3.193	19.63	19.58	19.99	19.15	25.62	30.00	28.81	36.00
5260MHz	Pass	3.314	13.22	14.12	13.82	13.03	19.59	23.97	22.90	29.97
5300MHz	Pass	3.314	13.21	13.19	13.66	12.78	19.24	23.98	22.55	29.98
5320MHz	Pass	3.314	13.5	13.56	14.11	13.25	19.64	23.95	22.95	29.95
5500MHz	Pass	3.984	13.01	13.12	13.21	12.82	19.06	23.94	23.04	29.94
5580MHz	Pass	3.984	12.97	12.84	13.02	12.58	18.88	23.92	22.86	29.92
5700MHz	Pass	3.984	12.91	13.34	12.96	12.46	18.95	23.95	22.93	29.95
5720MHz Straddle 5.47-5.725GHz	Pass	3.984	12.58	12.85	12.82	11.83	18.56	22.63	22.54	28.63
5720MHz Straddle 5.725-5.85GHz	Pass	4.705	5.41	5.47	5.3	4.78	11.27	30.00	15.97	36.00
5745MHz	Pass	4.705	20.95	21.76	21.75	21.51	27.53	30.00	32.23	36.00
5785MHz	Pass	4.705	21.26	21.72	21.68	20.42	27.32	30.00	32.02	36.00
5825MHz	Pass	4.705	20.95	21.49	21.42	20.68	27.17	30.00	31.87	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.193	18.92	18.26	19.32	18.5	24.79	30.00	27.98	36.00
5200MHz	Pass	3.193	20.51	19.62	20.49	20.13	26.22	30.00	29.41	36.00
5240MHz	Pass	3.193	20.29	20.05	20.72	19.77	26.24	30.00	29.43	36.00
5260MHz	Pass	3.314	13.05	14.62	14.51	13.93	20.09	24.00	23.40	30.00
5300MHz	Pass	3.314	13.32	13.97	14.32	13.4	19.79	24.00	23.10	30.00
5320MHz	Pass	3.314	13.82	14.46	14.43	13.72	20.14	24.00	23.45	30.00
5500MHz	Pass	3.984	13.58	13.84	14.27	13.52	19.83	24.00	23.81	30.00
5580MHz	Pass	3.984	13.57	13.55	14.32	14.01	19.90	24.00	23.88	30.00
5700MHz	Pass	3.984	13.58	14.05	13.59	13.21	19.64	24.00	23.62	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.984	13.12	13.2	13.18	12.52	19.03	23.17	23.01	29.17
5720MHz Straddle 5.725-5.85GHz	Pass	4.705	7.01	7.42	7.3	6.5	13.09	30.00	17.80	36.00
5745MHz	Pass	4.705	20.96	21.69	21.53	21.31	27.40	30.00	32.10	36.00
5785MHz	Pass	4.705	20.91	21.72	21.78	20.52	27.29	30.00	31.99	36.00
5825MHz	Pass	4.705	20.76	21.21	21.42	20.55	27.02	30.00	31.73	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.193	16.35	15.73	16.38	16.02	22.15	30.00	25.34	36.00
5230MHz	Pass	3.193	20.97	20.45	21.16	20.01	26.69	30.00	29.88	36.00
5270MHz	Pass	3.314	15.21	16.55	16.42	15.82	22.05	24.00	25.36	30.00
5310MHz	Pass	3.314	15.61	15.88	16.22	15.71	21.88	24.00	25.19	30.00
5510MHz	Pass	3.984	15.02	15.46	15.51	15.39	21.37	24.00	25.35	30.00



Conducted Output Power(Average)

Appendix B

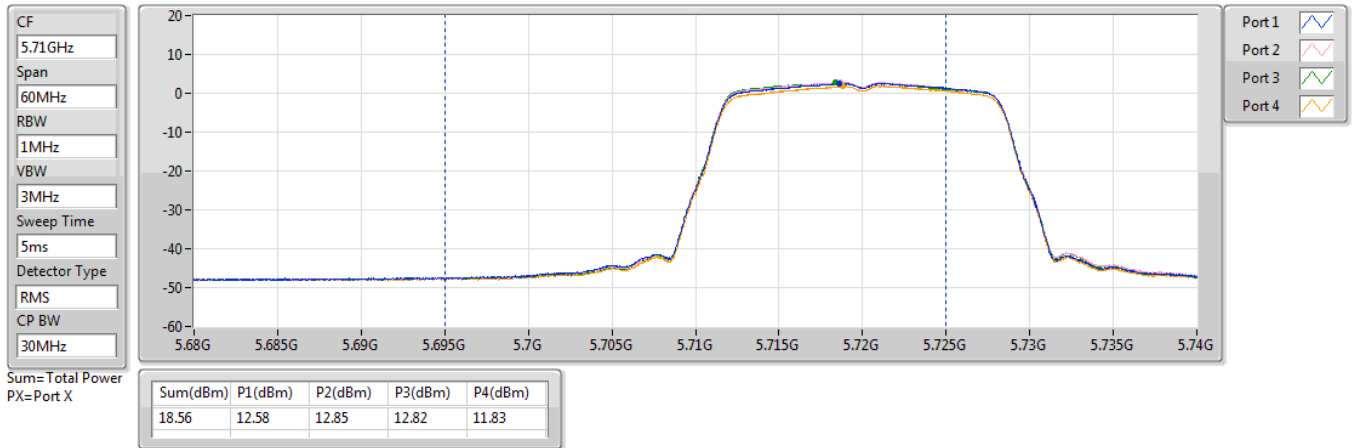
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5590MHz	Pass	3.984	15.62	15.89	16.01	15.47	21.77	24.00	25.75	30.00
5670MHz	Pass	3.984	15.25	15.61	16.02	15.07	21.52	24.00	25.50	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.984	15.95	15.97	15.97	15.45	21.86	24.00	25.84	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.705	4.42	4.51	4.63	4.17	10.46	30.00	15.17	36.00
5755MHz	Pass	4.705	20.19	20.46	20.78	20.05	26.40	30.00	31.10	36.00
5795MHz	Pass	4.705	22.21	22.16	22.72	21.12	28.11	30.00	32.81	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.193	15.68	15.3	16.02	15.64	21.69	30.00	24.88	36.00
5290MHz	Pass	3.314	15.35	15.87	15.72	15.12	21.55	24.00	24.86	30.00
5530MHz	Pass	3.984	15.29	15.61	15.64	15.22	21.46	24.00	25.44	30.00
5610MHz	Pass	3.984	16.57	18.02	18.23	17.66	23.69	24.00	27.67	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.984	17.65	17.59	18.11	17.3	23.69	24.00	27.67	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.705	1.66	2.33	2.59	1.97	8.17	30.00	12.87	36.00
5775MHz	Pass	4.705	16.45	16.88	17.34	16.47	22.82	30.00	27.52	36.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

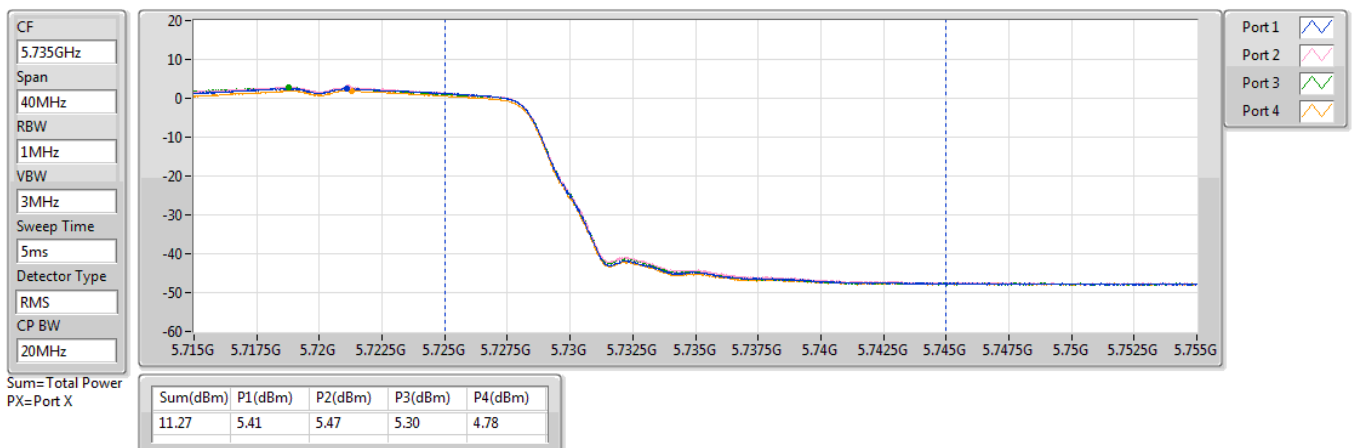
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

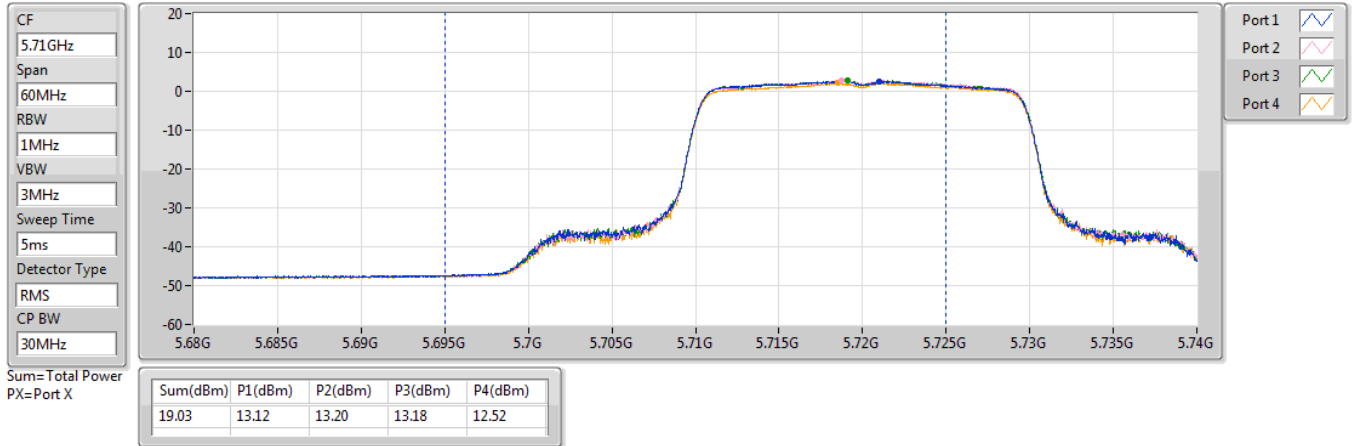




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

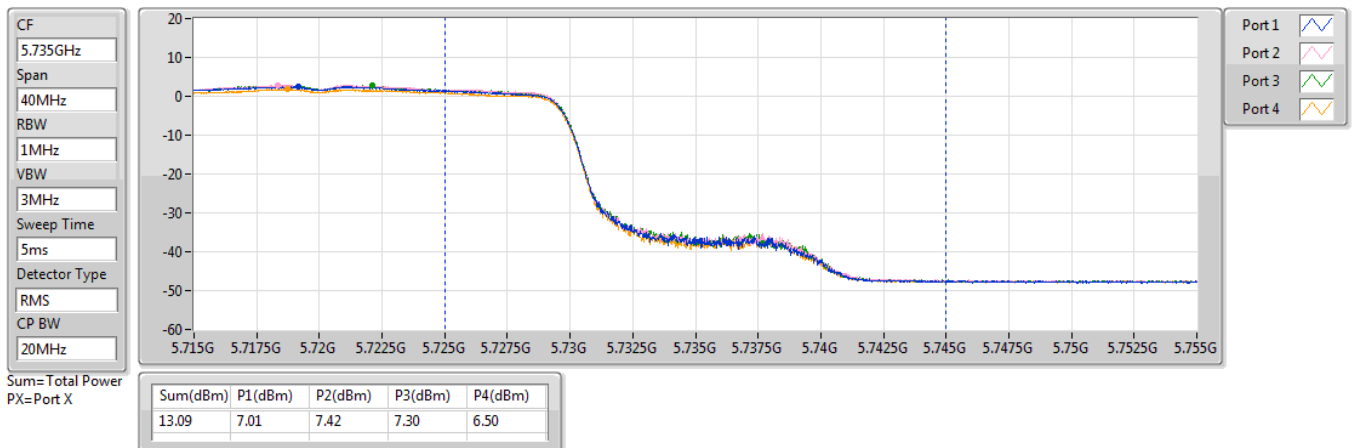
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

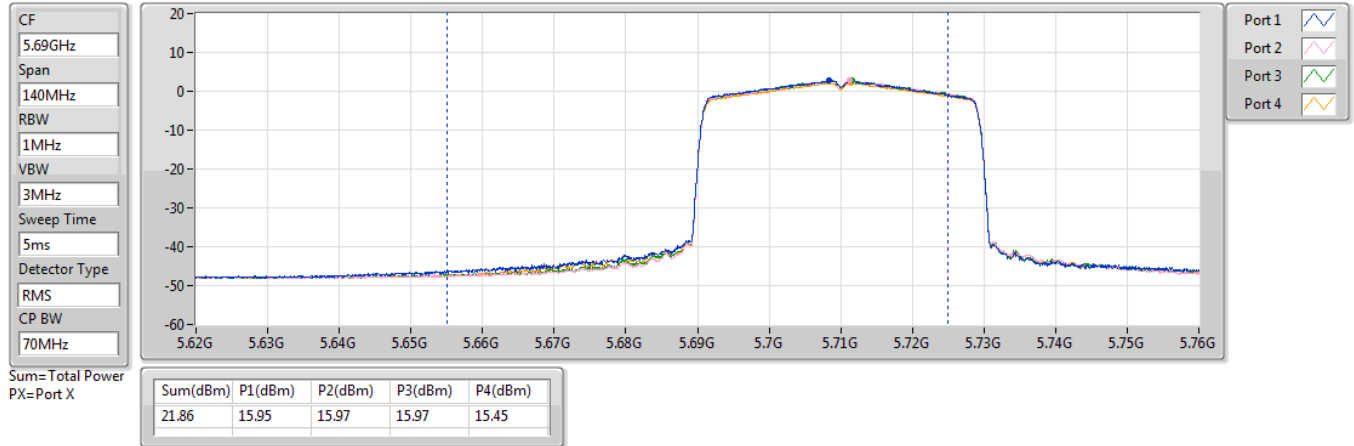




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

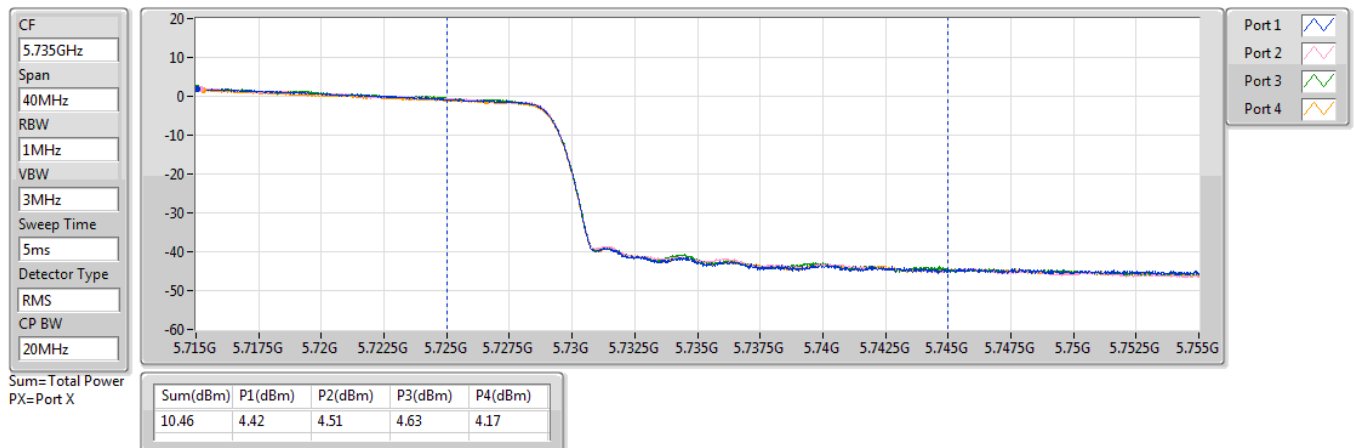
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

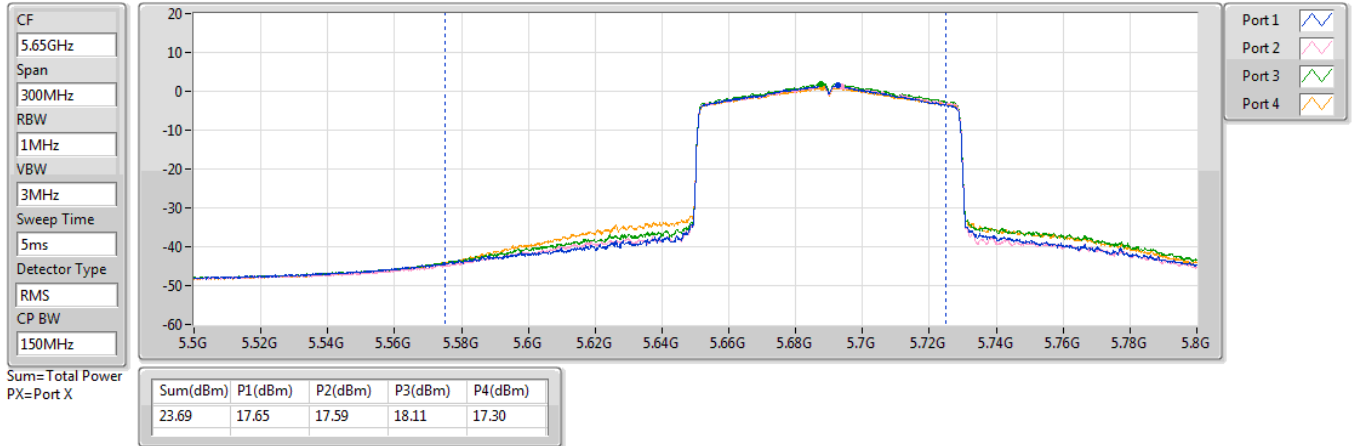




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

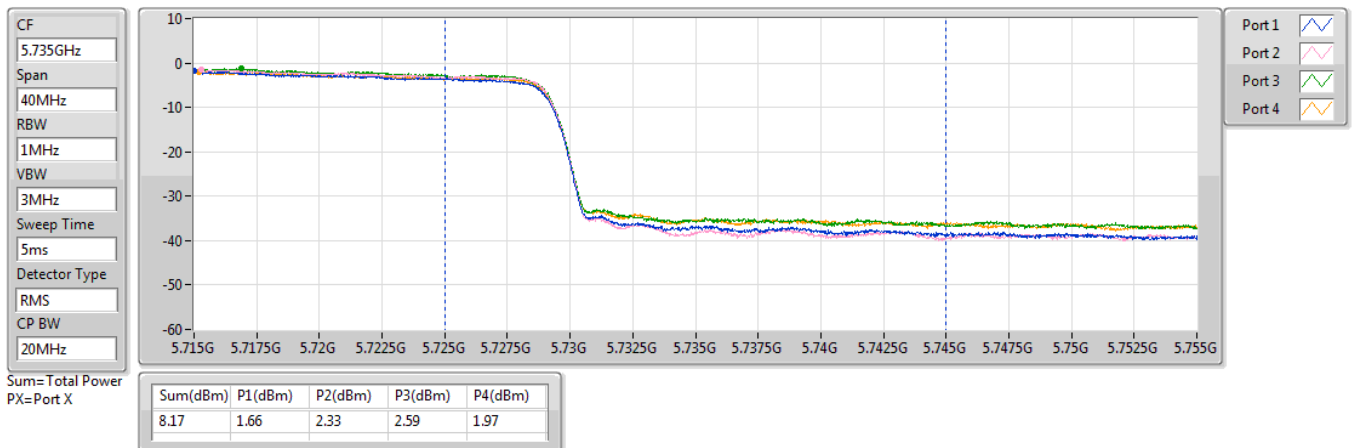
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX



Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.09	0.40644	35.09	3.22849
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.36	0.43251	35.36	3.43558
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.64	0.14588	30.64	1.15878
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.05	0.10116	29.19	0.82985
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.70	0.11749	29.84	0.96383
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.62	0.11535	29.76	0.94624
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.82	0.09594	29.43	0.87700
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.29	0.10691	29.89	0.97499
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.25	0.10593	29.86	0.96828
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.14	0.41115	35.89	3.88150
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.99	0.39719	35.74	3.74973
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.55	0.17989	32.30	1.69824

**Conducted Output Power(Average)****Appendix B****Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX										
5180MHz	Pass	8.996	18.85	18.12	19.34	18.46	24.74	27.00	33.74	36.00
5200MHz	Pass	8.996	20.23	19.35	20.47	20.16	26.09	27.00	35.09	36.00
5240MHz	Pass	8.996	20.25	19.65	20.28	19.76	26.01	27.00	35.01	36.00
5260MHz	Pass	9.137	13.52	14.07	14.01	13.51	19.81	20.86	28.95	30.00
5300MHz	Pass	9.137	13.16	13.82	14.28	13.41	19.71	20.86	28.85	30.00
5320MHz	Pass	9.137	13.96	14.03	14.27	13.85	20.05	20.86	29.19	30.00
5500MHz	Pass	9.605	13.68	13.52	14.23	13.41	19.74	20.39	29.34	30.00
5580MHz	Pass	9.605	13.7	13.25	14.15	14.05	19.82	20.39	29.43	30.00
5700MHz	Pass	9.605	13.63	13.55	13.75	13.37	19.60	20.39	29.21	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.605	12.96	12.89	12.74	12.95	18.91	19.57	28.52	29.18
5720MHz Straddle 5.725-5.85GHz	Pass	9.748	6.93	6.97	6.85	7.06	12.97	26.25	22.72	36.00
5745MHz	Pass	9.748	19.79	20.14	20.49	20.02	26.14	26.25	35.89	36.00
5785MHz	Pass	9.748	19.95	19.89	20.49	19.11	25.91	26.25	35.66	36.00
5825MHz	Pass	9.748	20.33	19.64	20.36	19.13	25.92	26.25	35.67	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX										
5190MHz	Pass	8.996	15.62	15.51	16.33	15.95	21.88	27.00	30.88	36.00
5230MHz	Pass	8.996	20.56	19.85	20.76	20.11	26.36	27.00	35.36	36.00
5270MHz	Pass	9.137	14.63	14.83	14.93	14.32	20.70	20.86	29.84	30.00
5310MHz	Pass	9.137	14.81	14.51	14.96	14.3	20.67	20.86	29.81	30.00
5510MHz	Pass	9.605	14.49	14.02	14.42	13.91	20.24	20.39	29.84	30.00
5590MHz	Pass	9.605	14.12	13.96	14.47	14.1	20.19	20.39	29.80	30.00
5670MHz	Pass	9.605	14.32	14.26	14.51	13.95	20.29	20.39	29.89	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.605	14.4	14.36	14.2	13.85	20.23	20.39	29.84	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.748	2.78	2.97	2.81	2.37	8.76	26.25	18.51	36.00
5755MHz	Pass	9.748	19.05	19.31	19.15	19.03	25.16	26.25	34.91	36.00
5795MHz	Pass	9.748	20.11	20.05	20.49	19.12	25.99	26.25	35.74	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX										
5210MHz	Pass	8.996	15.95	15.15	15.8	15.54	21.64	27.00	30.64	36.00
5290MHz	Pass	9.137	14.39	14.86	14.89	14.22	20.62	20.86	29.76	30.00
5530MHz	Pass	9.605	14.57	13.95	14.49	13.85	20.25	20.39	29.86	30.00
5610MHz	Pass	9.605	14.25	13.56	14.27	14.35	20.14	20.39	29.75	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.605	14.16	14.12	14.49	13.91	20.20	20.39	29.80	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.748	-1.51	-1.14	-0.72	-1.42	4.83	26.25	14.58	36.00
5775MHz	Pass	9.748	16.62	16.56	16.46	16.47	22.55	26.25	32.30	36.00

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

Directional Gain

Antenna	Antenna Gain (dBi)			
	5150 ~ 5250 MHz	5250 ~ 5350 MHz	5470 ~ 5725 MHz	5725 ~ 5850 MHz
Antenna_5G1	2.894	2.729	3.984	3.437
Antenna_5G2	3.193	3.314	3.512	3.464
Antenna_5G3	2.683	3.289	3.524	4.705
Antenna_5G4	3.121	3.121	3.305	3.224
Directional gain	8.996	9.137	9.605	9.748
Power limit (Antenna gain <= 6dBi)	30	24	24	30
Power limit (Antenna gain > 6dBi)	27.00	20.86	20.39	26.25

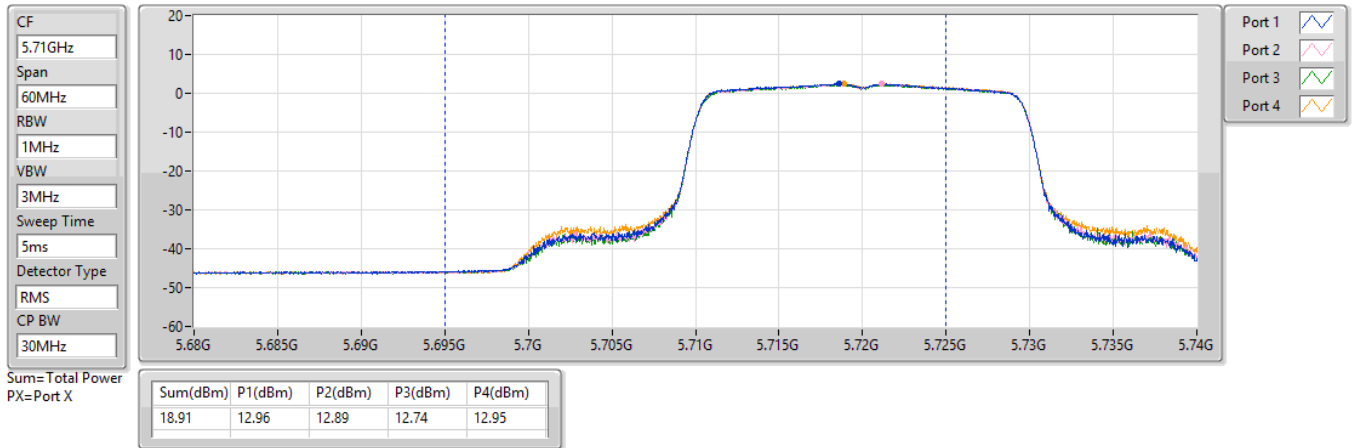
Note 1: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{ANT}]$

Note 2: Limit is reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

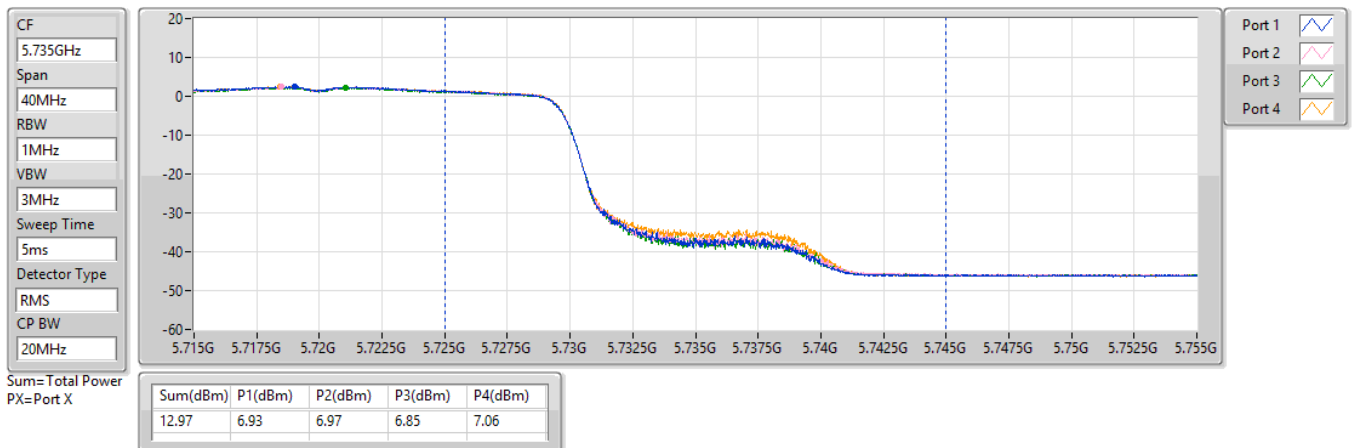
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

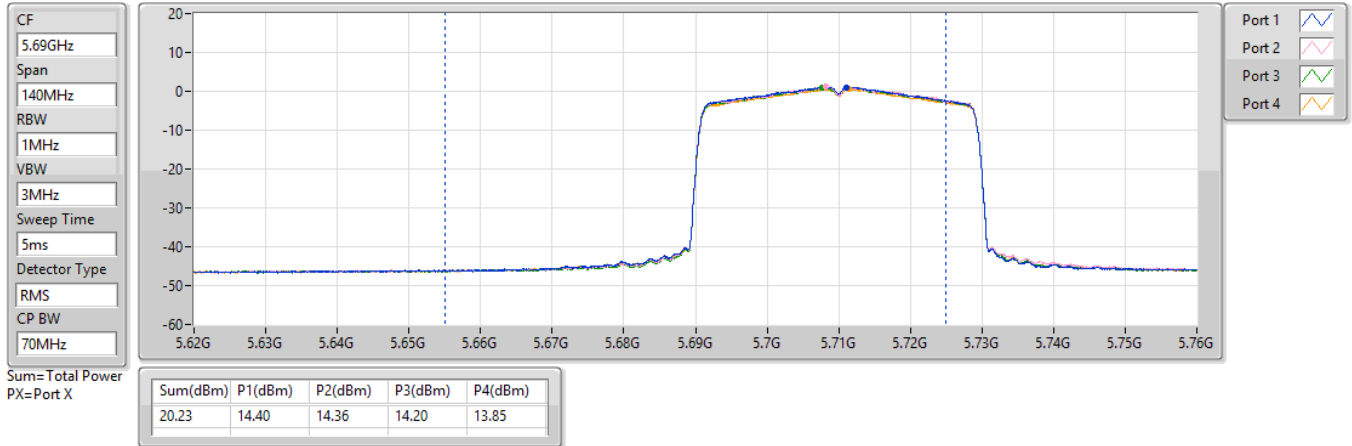
5720MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

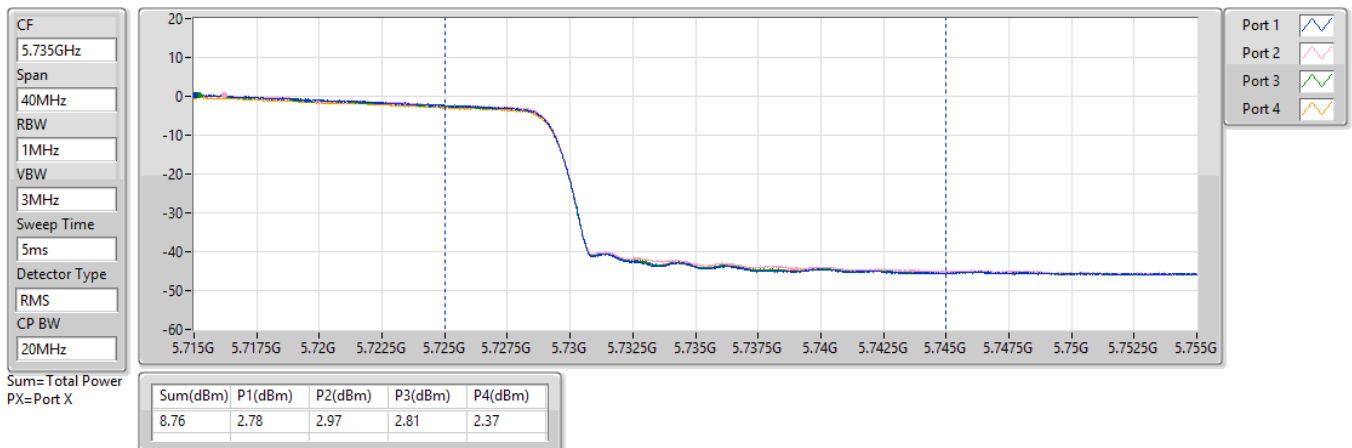
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

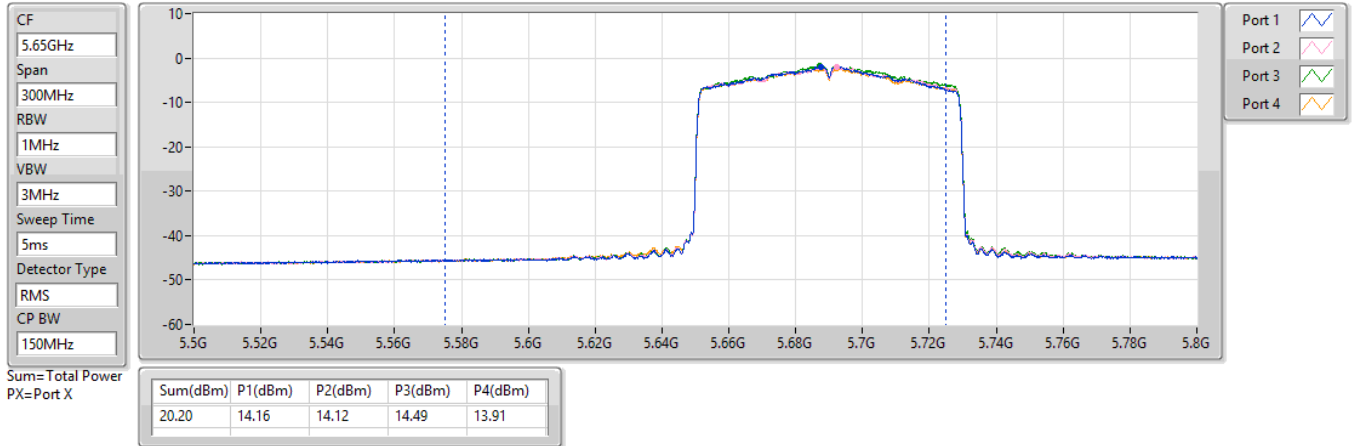




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

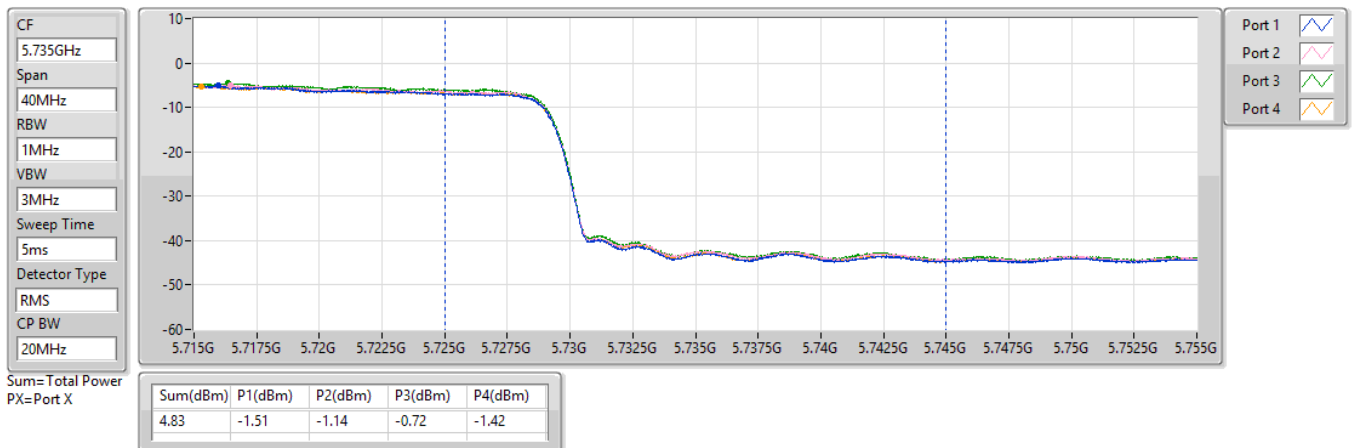
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX



Non-beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.61	22.61
802.11ax HEW20_Nss1,(MCS0)_4TX	13.54	22.54
802.11ax HEW40_Nss1,(MCS0)_4TX	12.00	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	3.88	12.88
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.67	16.81
802.11ax HEW20_Nss1,(MCS0)_4TX	7.49	16.63
802.11ax HEW40_Nss1,(MCS0)_4TX	7.40	16.54
802.11ax HEW80_Nss1,(MCS0)_4TX	3.54	12.68
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.29	16.89
802.11ax HEW20_Nss1,(MCS0)_4TX	7.29	16.89
802.11ax HEW40_Nss1,(MCS0)_4TX	7.17	16.77
802.11ax HEW80_Nss1,(MCS0)_4TX	6.13	15.73
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.89	23.64
802.11ax HEW20_Nss1,(MCS0)_4TX	12.82	22.57
802.11ax HEW40_Nss1,(MCS0)_4TX	11.46	21.21
802.11ax HEW80_Nss1,(MCS0)_4TX	3.45	13.20

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX										
5180MHz	Pass	8.996	7.91	6.98	7.69	7.06	13.35	14.00	22.35	23.00
5200MHz	Pass	8.996	7.81	7.32	7.69	7.64	13.49	14.00	22.49	23.00
5240MHz	Pass	8.996	7.73	7.77	8.28	7.27	13.61	14.00	22.61	23.00
5260MHz	Pass	9.137	0.68	2.50	2.05	1.52	7.67	7.86	16.81	17.00
5300MHz	Pass	9.137	1.43	1.40	1.91	1.01	7.36	7.86	16.50	17.00
5320MHz	Pass	9.137	1.67	1.89	2.38	1.59	7.66	7.86	16.80	17.00
5500MHz	Pass	9.605	1.04	1.26	1.19	0.91	7.01	7.39	16.62	17.00
5580MHz	Pass	9.605	1.38	1.16	1.78	1.48	7.29	7.39	16.89	17.00
5700MHz	Pass	9.605	1.31	1.28	1.36	0.47	7.00	7.39	16.61	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.605	1.16	1.54	1.33	0.60	7.09	7.39	16.70	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.748	-1.64	-1.58	-1.71	-2.23	4.10	26.25	13.85	36.00
5745MHz	Pass	9.748	7.77	8.63	8.15	7.50	13.89	26.25	23.64	36.00
5785MHz	Pass	9.748	7.65	7.94	8.24	6.68	13.51	26.25	23.26	36.00
5825MHz	Pass	9.748	7.57	7.59	7.89	7.23	13.44	26.25	23.19	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX										
5180MHz	Pass	8.996	6.33	5.69	6.41	5.84	11.97	14.00	20.97	23.00
5200MHz	Pass	8.996	8.07	7.22	8.01	7.76	13.52	14.00	22.52	23.00
5240MHz	Pass	8.996	7.93	7.55	8.30	7.19	13.54	14.00	22.54	23.00
5260MHz	Pass	9.137	0.46	2.26	2.13	1.48	7.49	7.86	16.63	17.00
5300MHz	Pass	9.137	1.20	1.73	1.95	0.88	7.24	7.86	16.38	17.00
5320MHz	Pass	9.137	1.26	1.94	1.79	1.10	7.32	7.86	16.46	17.00
5500MHz	Pass	9.605	1.14	1.38	1.68	1.07	7.18	7.39	16.79	17.00
5580MHz	Pass	9.605	1.03	1.11	2.02	1.57	7.29	7.39	16.89	17.00
5700MHz	Pass	9.605	1.06	1.52	1.25	0.54	6.88	7.39	16.48	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.605	1.47	1.45	1.51	0.63	7.07	7.39	16.68	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.748	-1.52	-1.06	-1.22	-2.05	4.36	26.25	14.11	36.00
5745MHz	Pass	9.748	6.85	7.44	7.45	6.73	12.82	26.25	22.57	36.00
5785MHz	Pass	9.748	7.04	7.25	7.59	5.88	12.76	26.25	22.51	36.00
5825MHz	Pass	9.748	6.50	6.89	6.68	6.06	12.33	26.25	22.08	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX										
5190MHz	Pass	8.996	1.80	0.97	1.77	1.48	7.36	14.00	16.36	23.00
5230MHz	Pass	8.996	5.66	6.39	6.90	5.90	12.00	14.00	21.00	23.00
5270MHz	Pass	9.137	0.67	2.14	1.96	1.33	7.40	7.86	16.54	17.00
5310MHz	Pass	9.137	0.99	1.59	1.55	1.18	7.23	7.86	16.37	17.00
5510MHz	Pass	9.605	0.53	1.71	1.38	1.34	7.02	7.39	16.62	17.00
5590MHz	Pass	9.605	0.68	1.29	1.57	0.90	6.94	7.39	16.55	17.00
5670MHz	Pass	9.605	0.88	0.81	1.53	0.59	6.76	7.39	16.37	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5710MHz Straddle 5.47-5.725GHz	Pass	9.605	1.28	1.48	1.33	0.79	7.17	7.39	16.77	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.748	-3.66	-3.35	-3.30	-3.90	2.37	26.25	12.12	36.00
5755MHz	Pass	9.748	4.05	4.55	4.72	3.77	9.89	26.25	19.64	36.00
5795MHz	Pass	9.748	5.77	6.12	6.35	4.43	11.46	26.25	21.21	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX										
5210MHz	Pass	8.996	-1.50	-2.15	-1.80	-2.18	3.88	14.00	12.88	23.00
5290MHz	Pass	9.137	-2.54	-1.71	-1.97	-2.85	3.54	7.86	12.68	17.00
5530MHz	Pass	9.605	-2.21	-1.73	-1.99	-2.86	3.69	7.39	13.29	17.00
5610MHz	Pass	9.605	0.16	0.63	0.72	0.14	6.13	7.39	15.73	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.605	-0.09	-0.11	0.47	-0.54	5.89	7.39	15.50	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.748	-6.55	-5.84	-5.54	-6.21	-0.22	26.25	9.53	36.00
5775MHz	Pass	9.748	-2.73	-2.22	-1.94	-2.72	3.45	26.25	13.20	36.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Directional Gain

Antenna	Antenna Gain (dBi)			
	5150 ~ 5250 MHz	5250 ~ 5350 MHz	5470 ~ 5725 MHz	5725 ~ 5850 MHz
Antenna_5G1	2.894	2.729	3.984	3.437
Antenna_5G2	3.193	3.314	3.512	3.464
Antenna_5G3	2.683	3.289	3.524	4.705
Antenna_5G4	3.121	3.121	3.305	3.224
Directional gain	8.996	9.137	9.605	9.748
Power limit (Antenna gain <= 6dBi)	17	11	11	30
Power limit (Antenna gain > 6dBi)	14.00	7.86	7.39	26.25

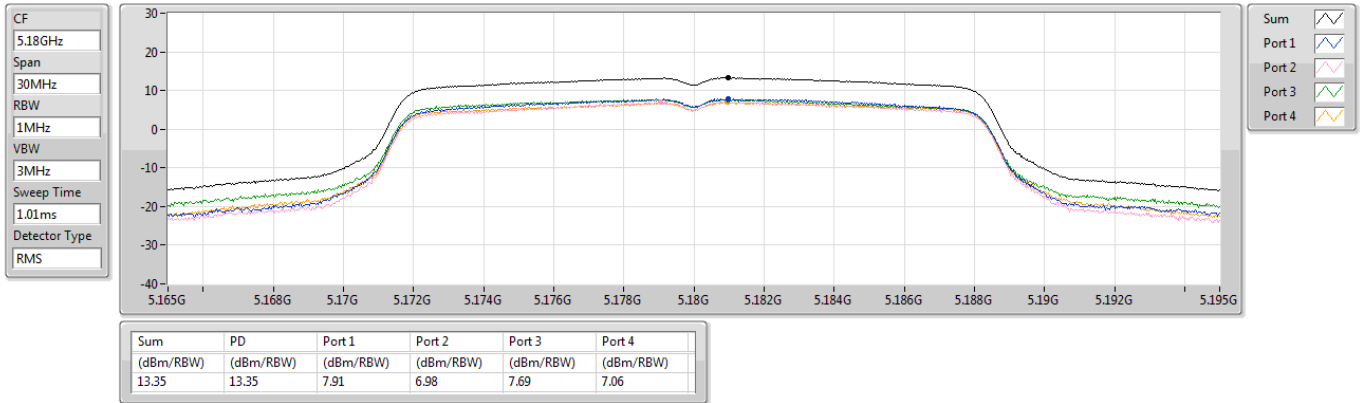
Note 1: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{ANT}]$

Note 2: Limit is reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

