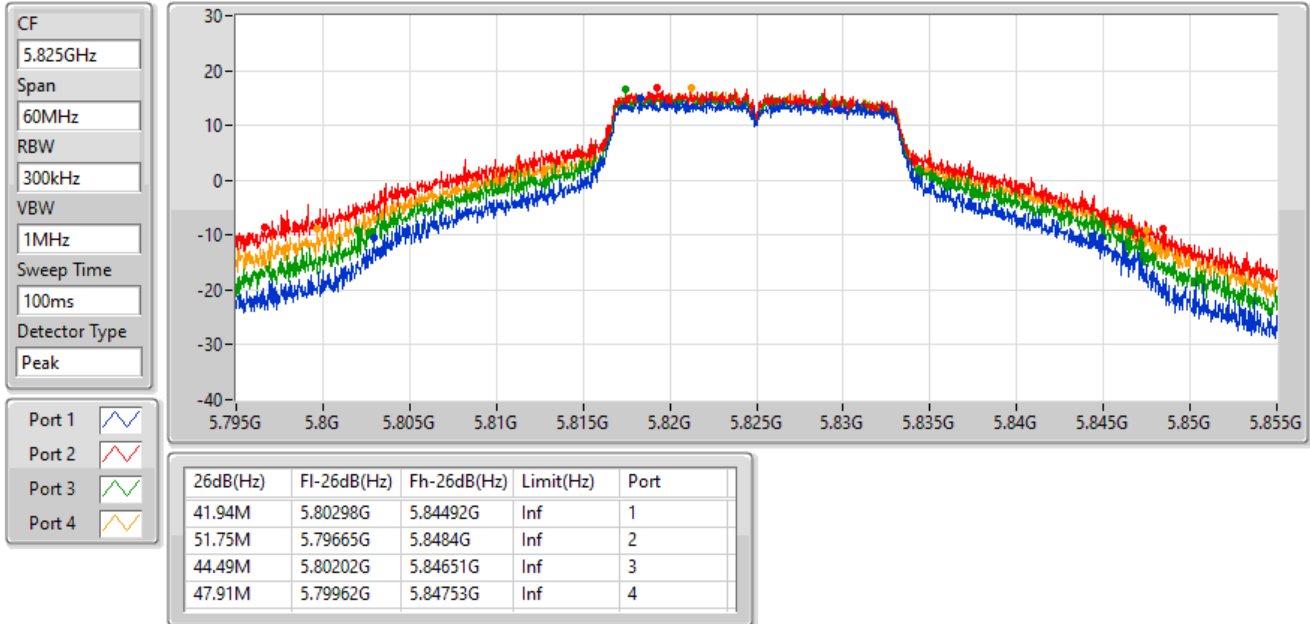


802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

08/07/2022



802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

16/07/2022



802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

16/07/2022

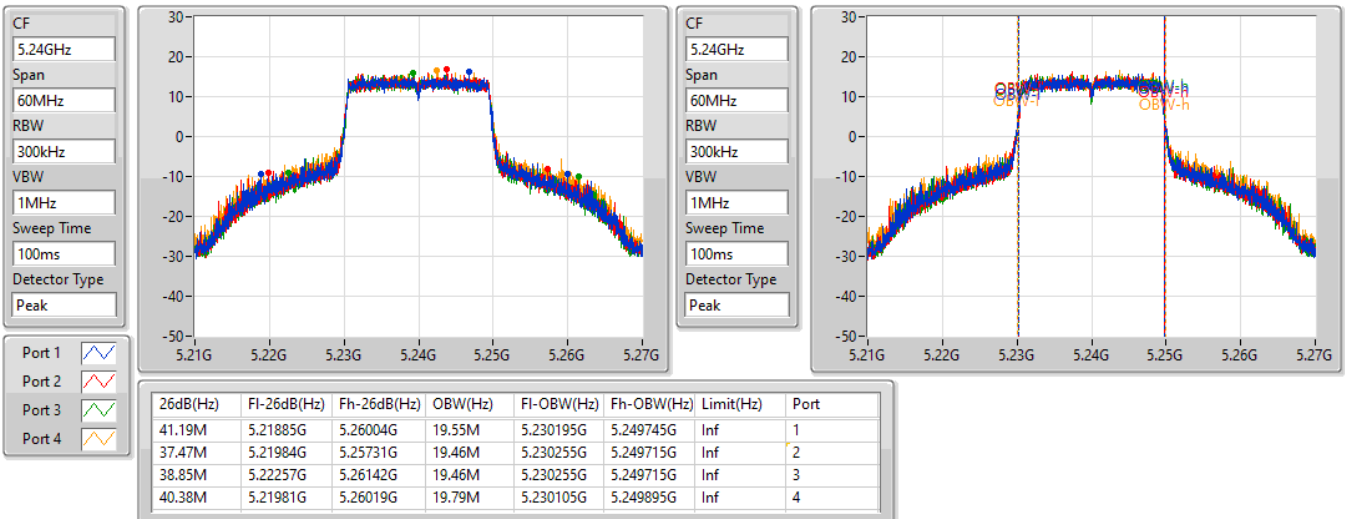


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

16/07/2022

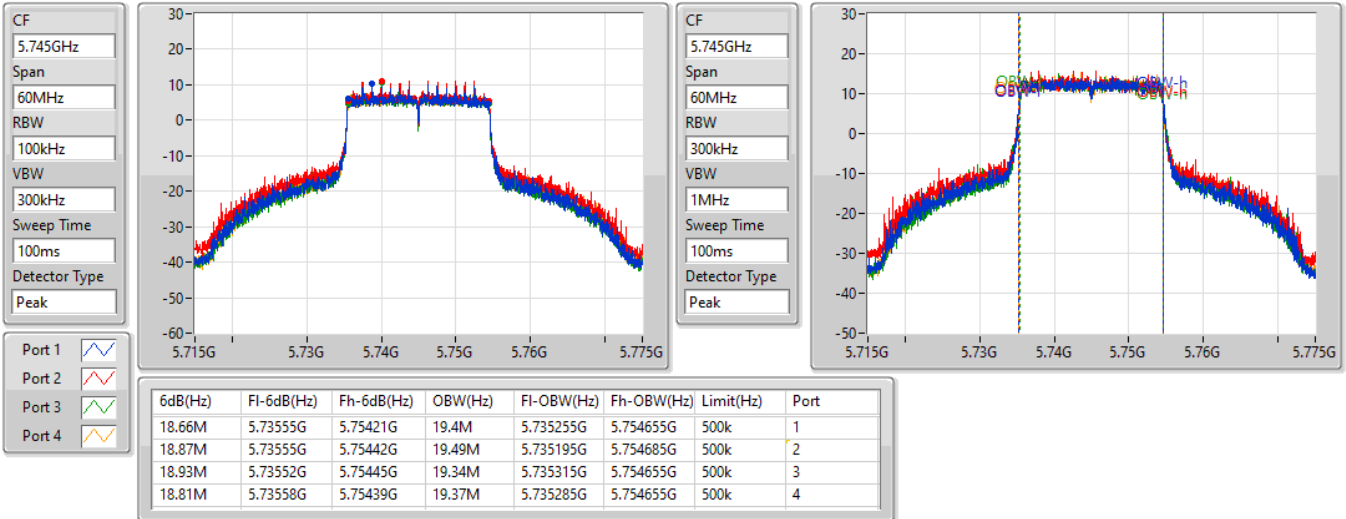


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

08/07/2022

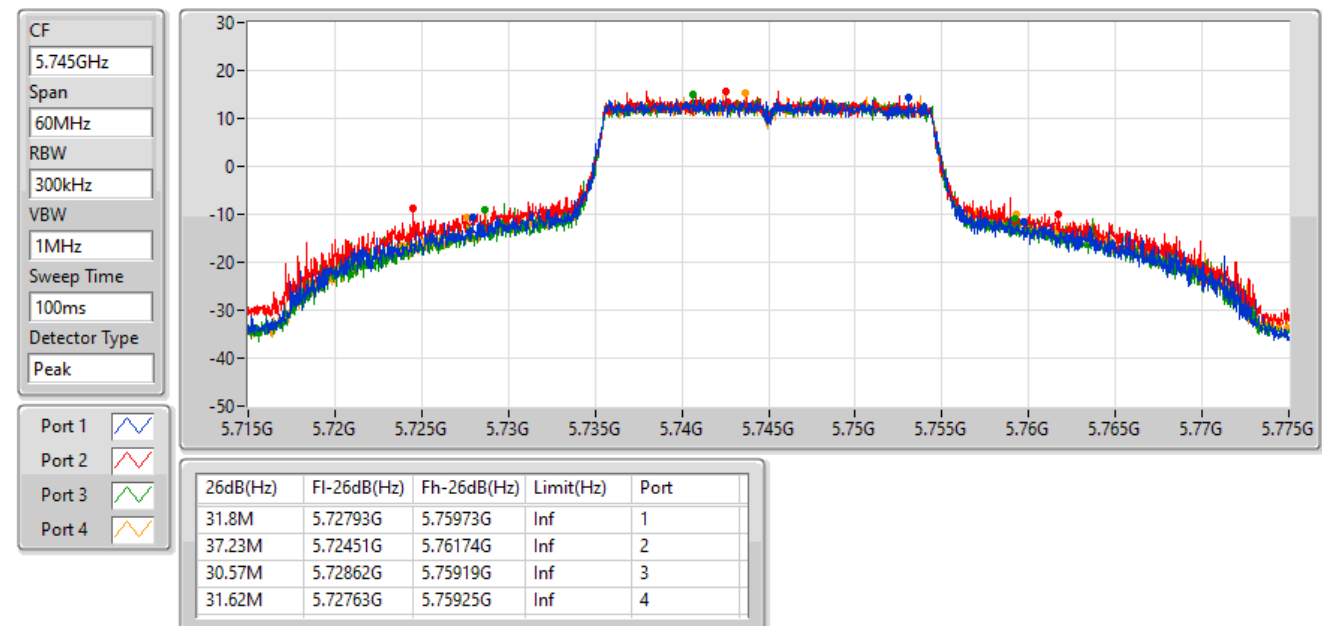


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

08/07/2022

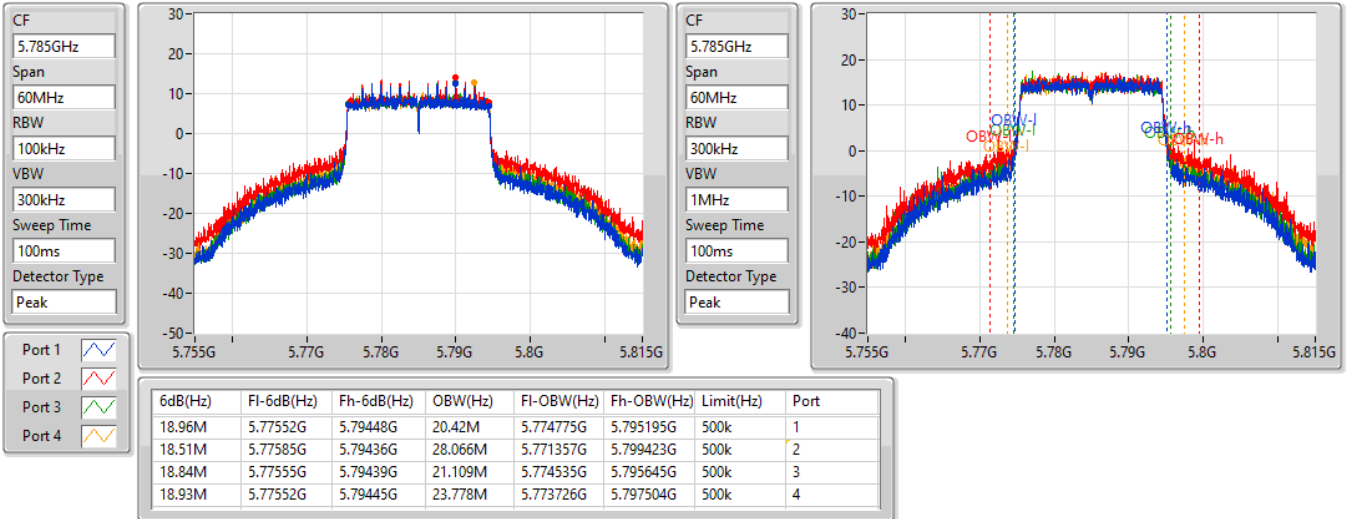


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

08/07/2022

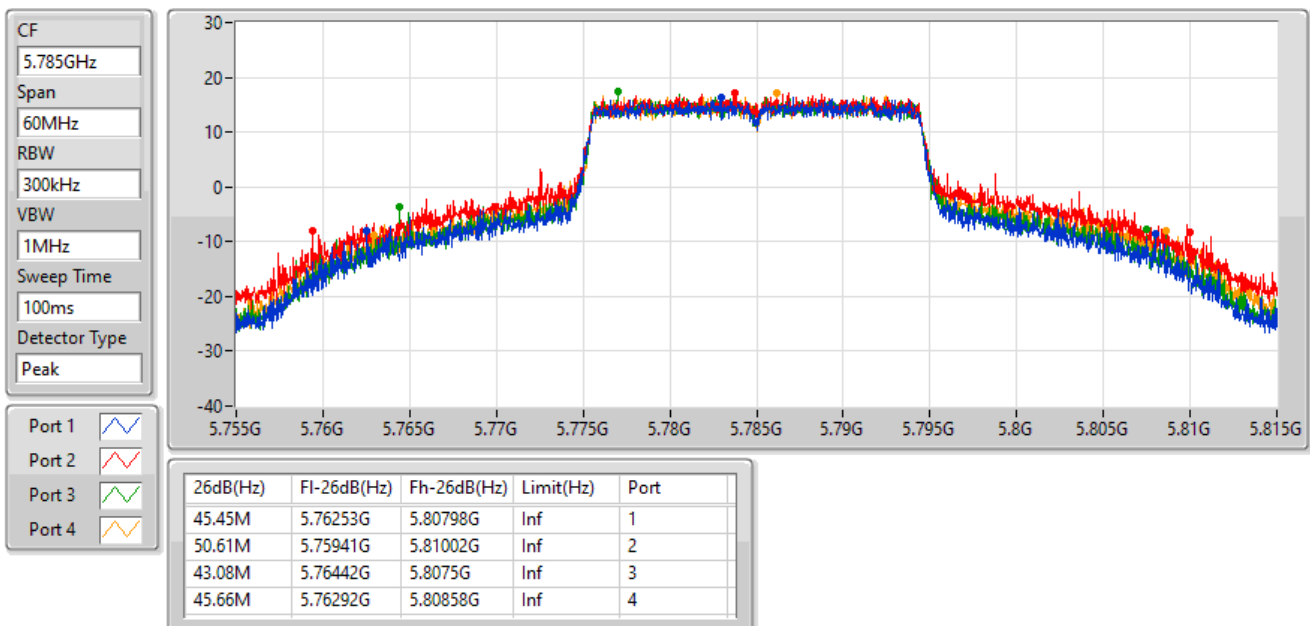


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

08/07/2022

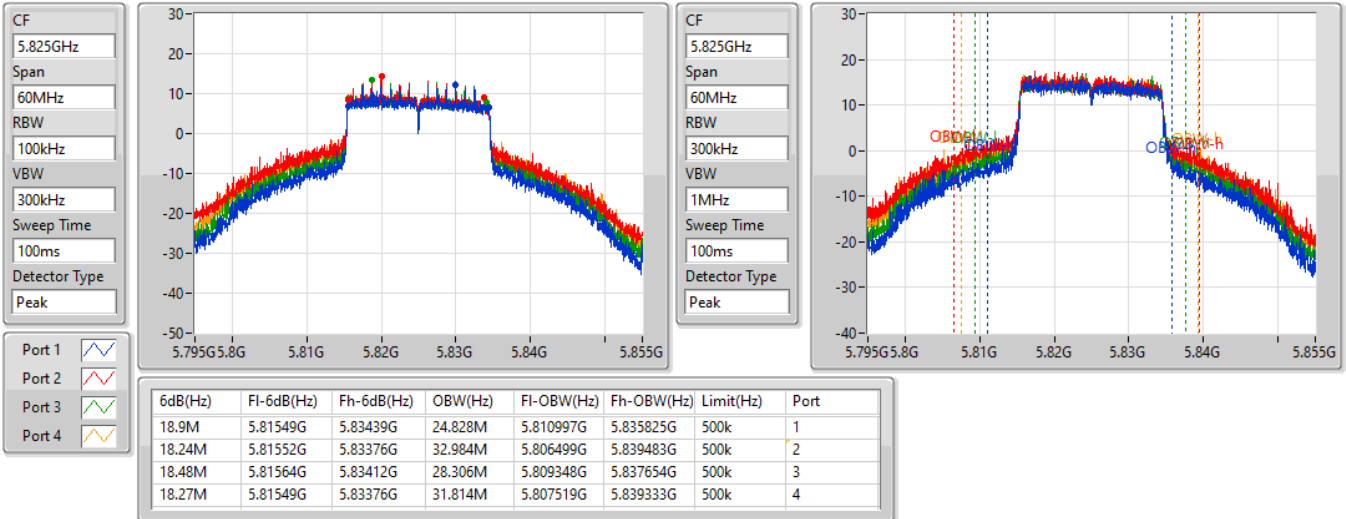


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

08/07/2022

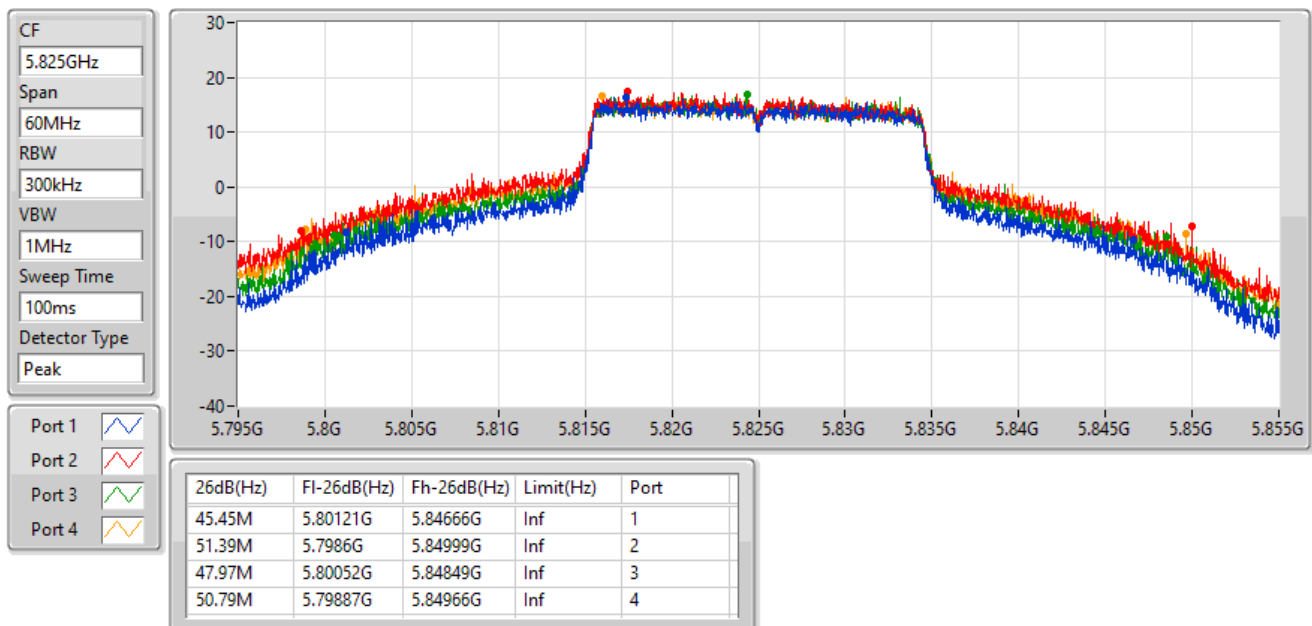


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

08/07/2022

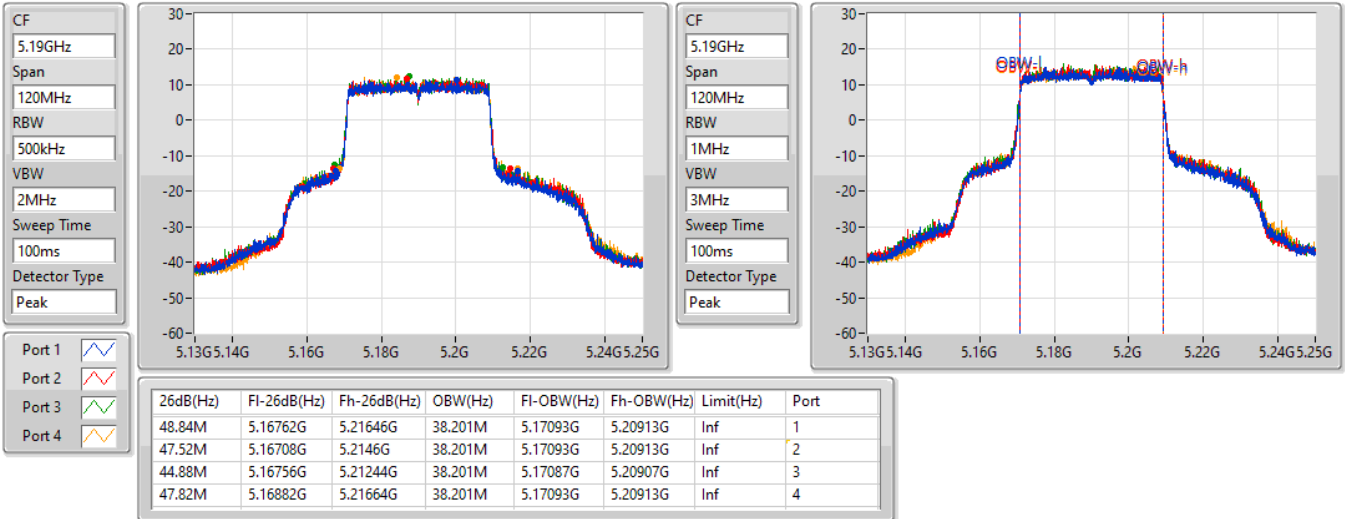


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

16/07/2022

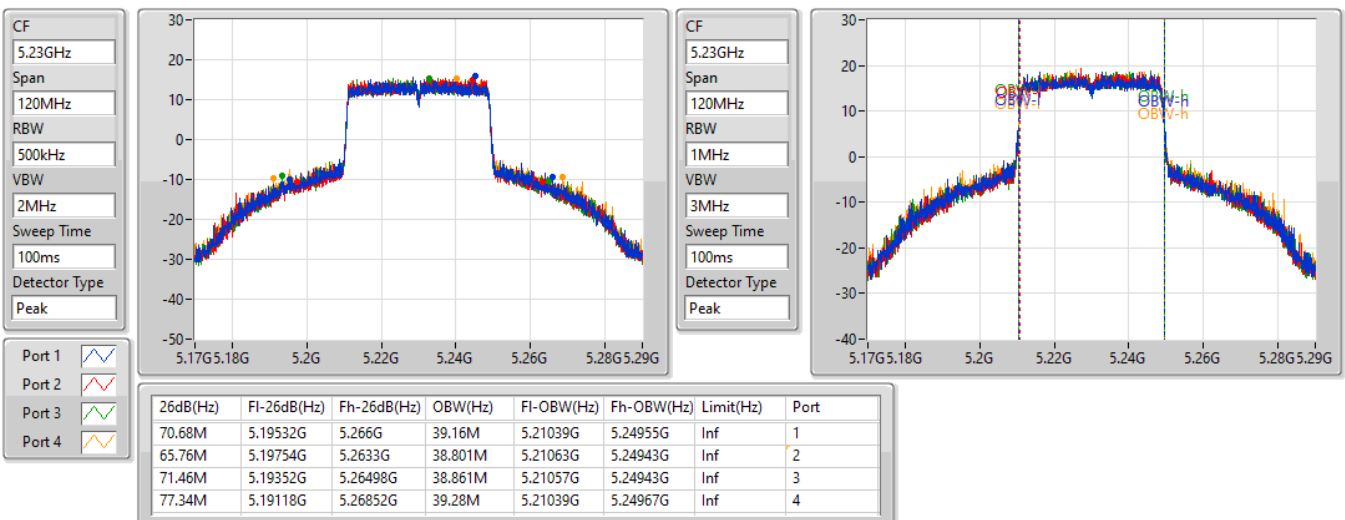


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

16/07/2022

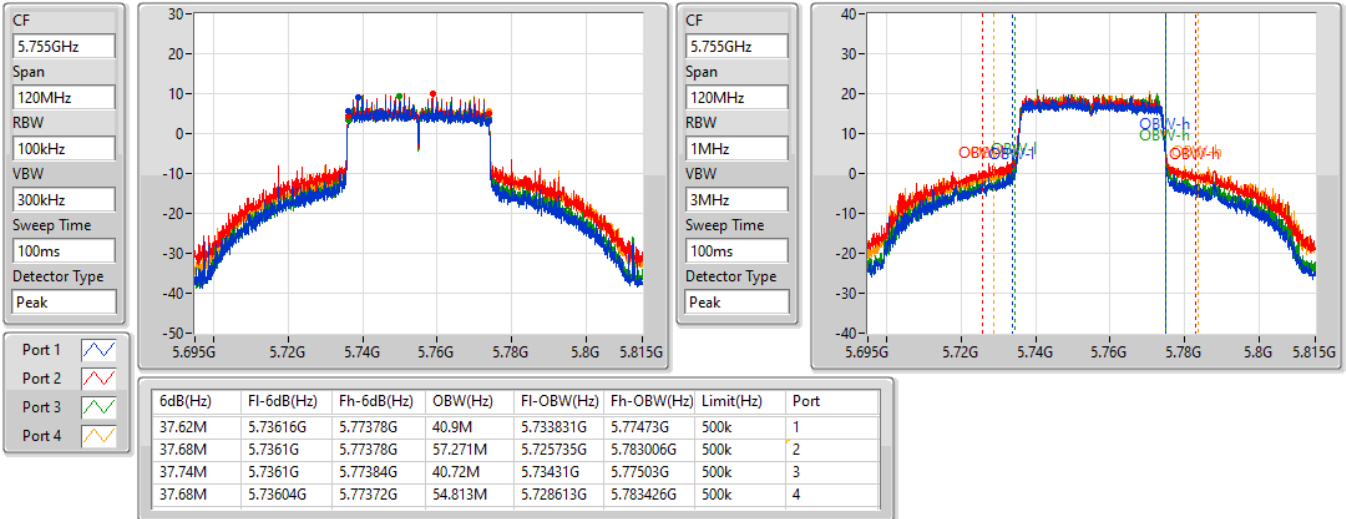


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

08/07/2022

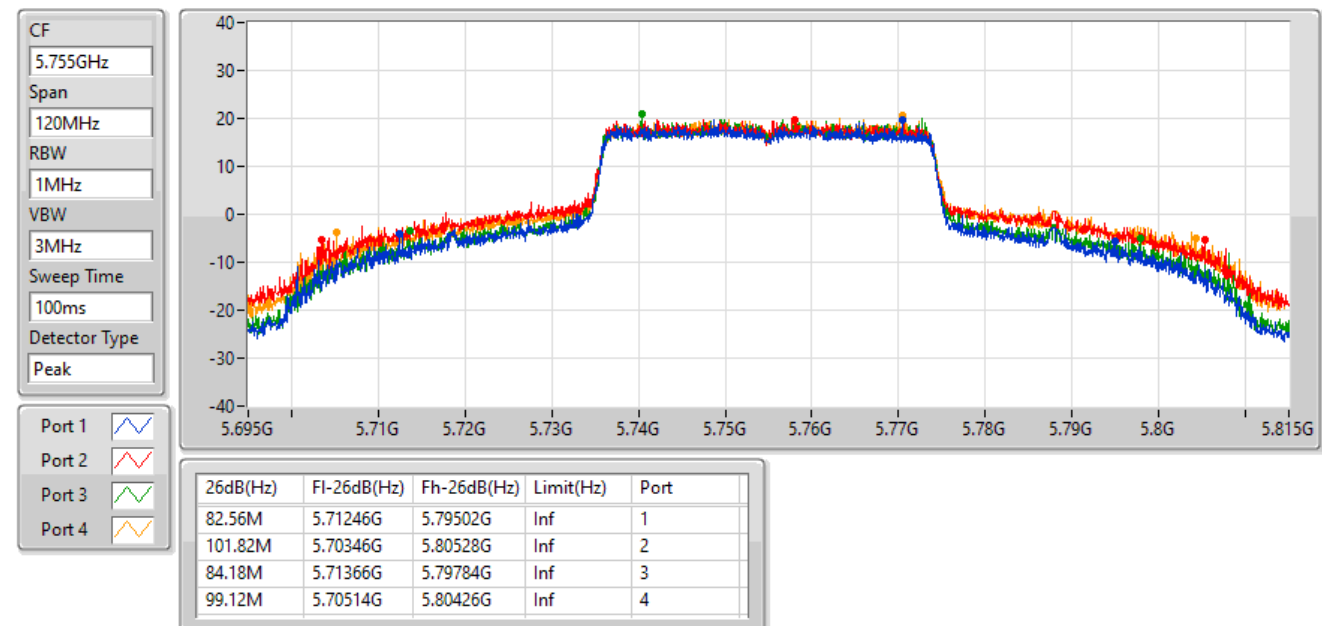


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

08/07/2022

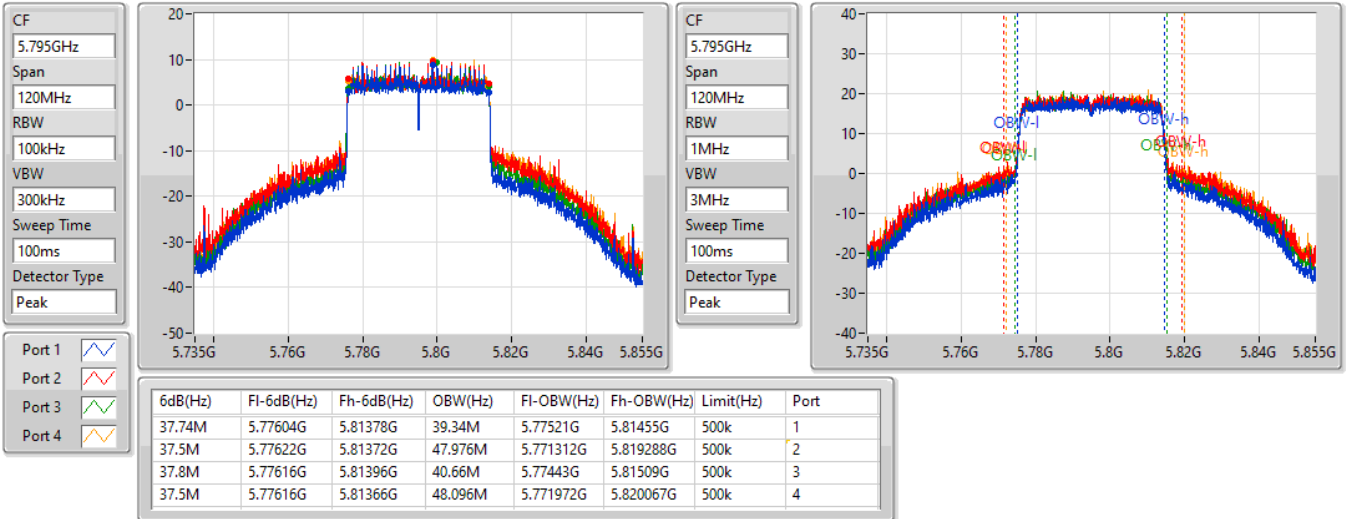


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

08/07/2022

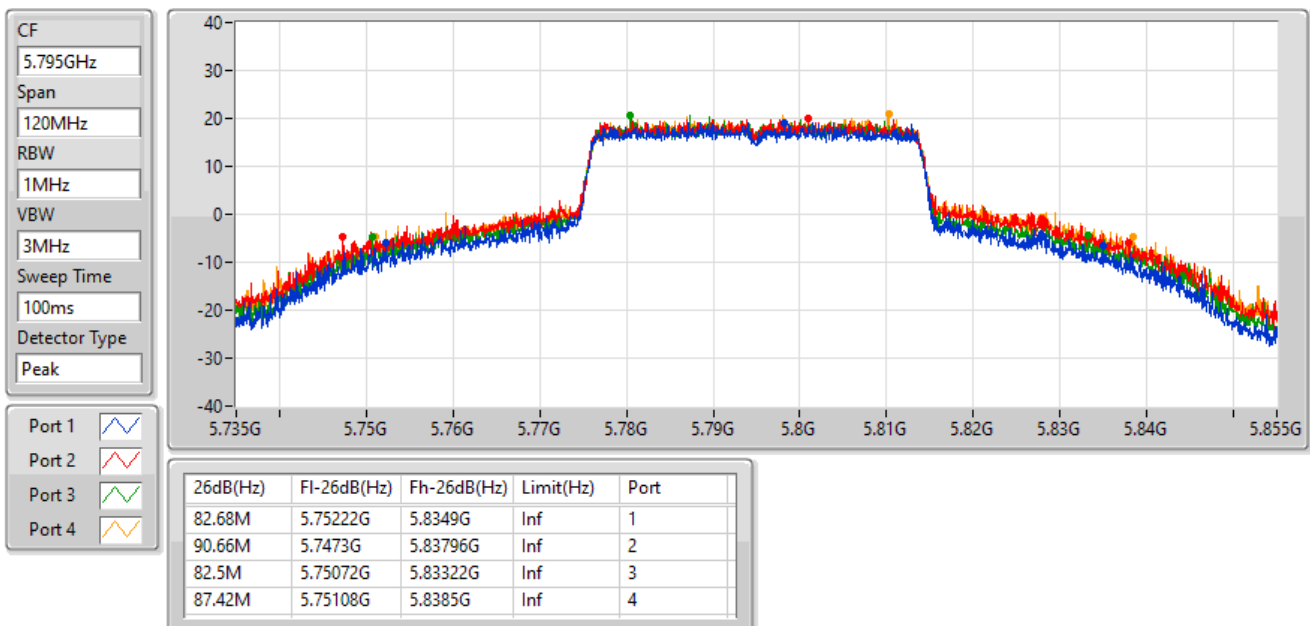


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

08/07/2022

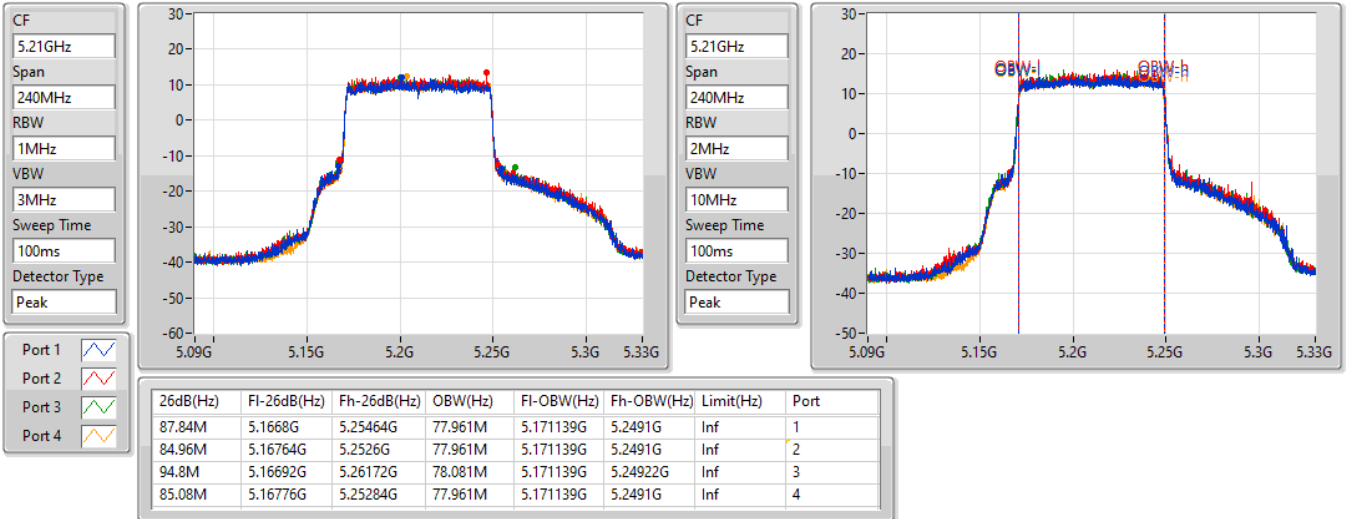


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

16/07/2022



802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

08/07/2022

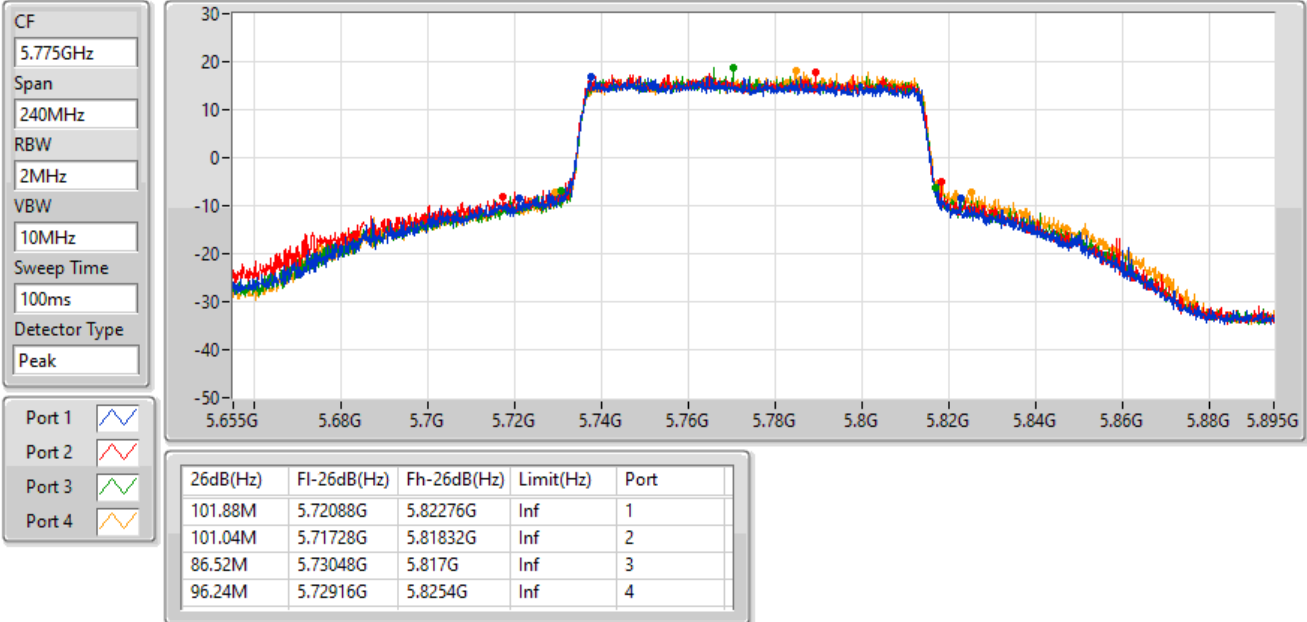


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

08/07/2022



**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_Nss4,(MCS0)_4TX	46.59M	20.57M	20M6D1D	34.17M	19.4M
802.11ax HEW40_Nss4,(MCS0)_4TX	74.1M	39.04M	39M0D1D	42.78M	38.081M
802.11ax HEW80_Nss4,(MCS0)_4TX	87.72M	77.961M	78M0D1D	85.56M	77.841M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	18.93M	32.954M	33M0D1D	16.92M	19.259M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.74M	50.375M	50M4D1D	36.96M	38.141M
802.11ax HEW80_Nss4,(MCS0)_4TX	77.52M	79.16M	79M2D1D	76.32M	78.441M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	35.01M	19.46M	35.58M	19.46M	34.35M	19.4M	38.4M	20.09M
5200MHz	Pass	Inf	39.6M	19.61M	34.17M	19.61M	38.61M	19.61M	46.59M	20.57M
5240MHz	Pass	Inf	37.14M	19.64M	34.77M	19.58M	36.06M	19.46M	40.11M	19.94M
5745MHz	Pass	500k	18.9M	19.263M	18.87M	19.343M	18.93M	19.259M	18.81M	19.308M
5785MHz	Pass	500k	18.72M	19.64M	18.81M	24.678M	18.87M	19.79M	18.81M	20.54M
5825MHz	Pass	500k	18.36M	24.738M	16.92M	32.954M	18.36M	28.486M	18.06M	31.754M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	48.78M	38.201M	42.78M	38.141M	46.38M	38.081M	50.46M	38.201M
5230MHz	Pass	Inf	68.76M	38.861M	67.92M	38.741M	69.78M	38.741M	74.1M	39.04M
5755MHz	Pass	500k	37.74M	38.261M	36.96M	38.141M	37.56M	38.201M	37.56M	38.261M
5795MHz	Pass	500k	37.62M	39.28M	37.5M	50.375M	37.56M	40.3M	37.5M	48.696M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	85.56M	77.841M	86.16M	77.961M	87.12M	77.841M	87.72M	77.961M
5775MHz	Pass	500k	76.44M	78.441M	76.32M	79.16M	77.16M	78.561M	77.52M	78.921M

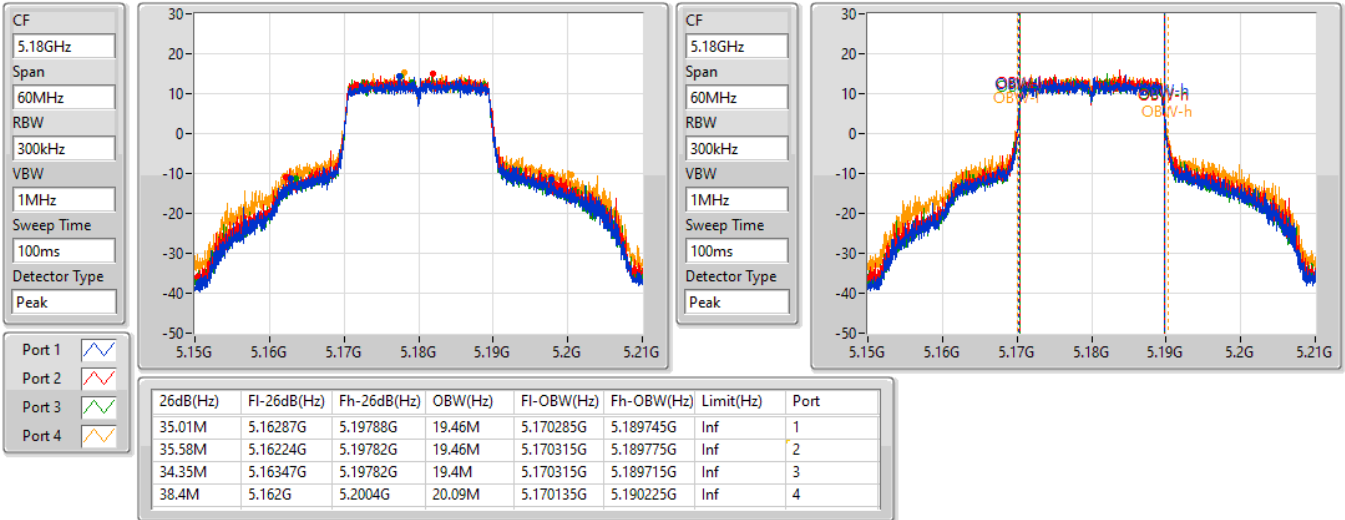
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5180MHz

16/07/2022



802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5200MHz

16/07/2022

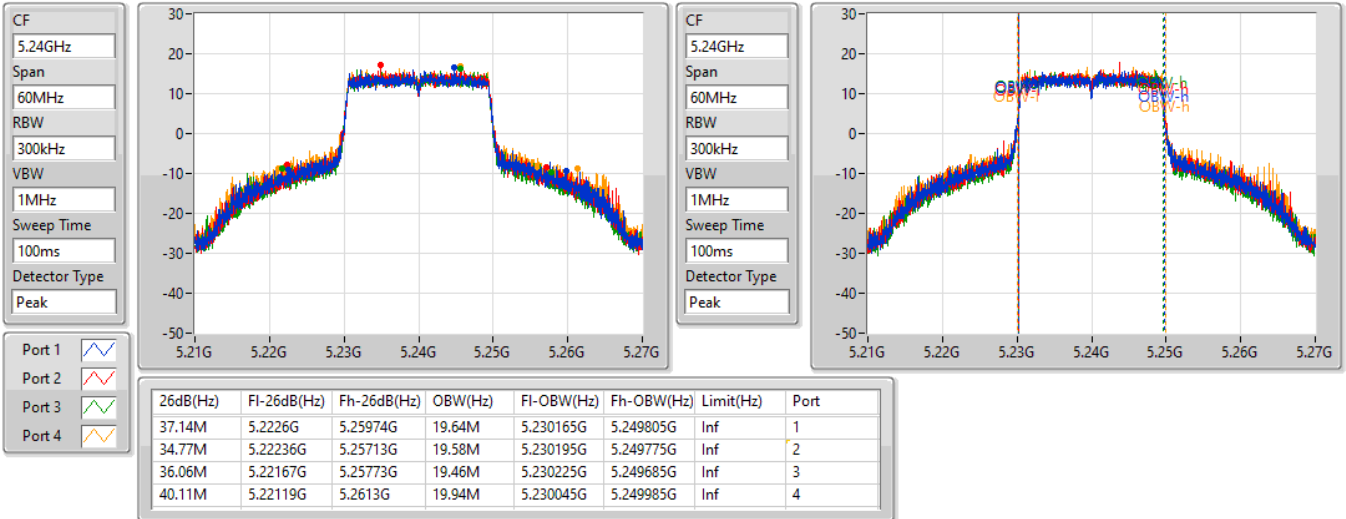


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5240MHz

16/07/2022

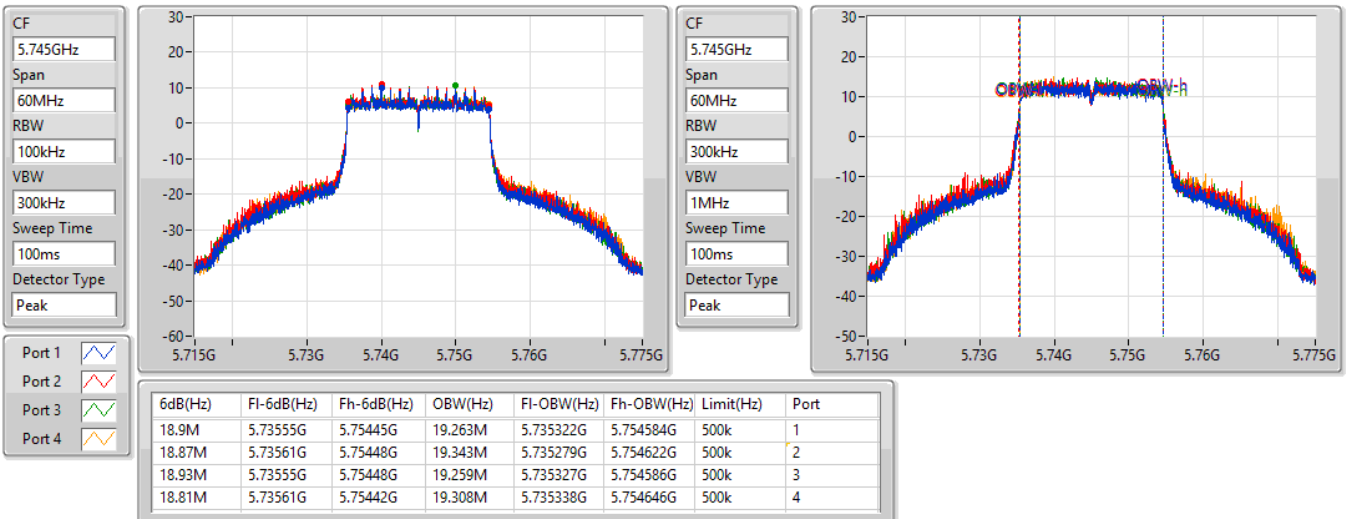


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5745MHz

22/07/2022

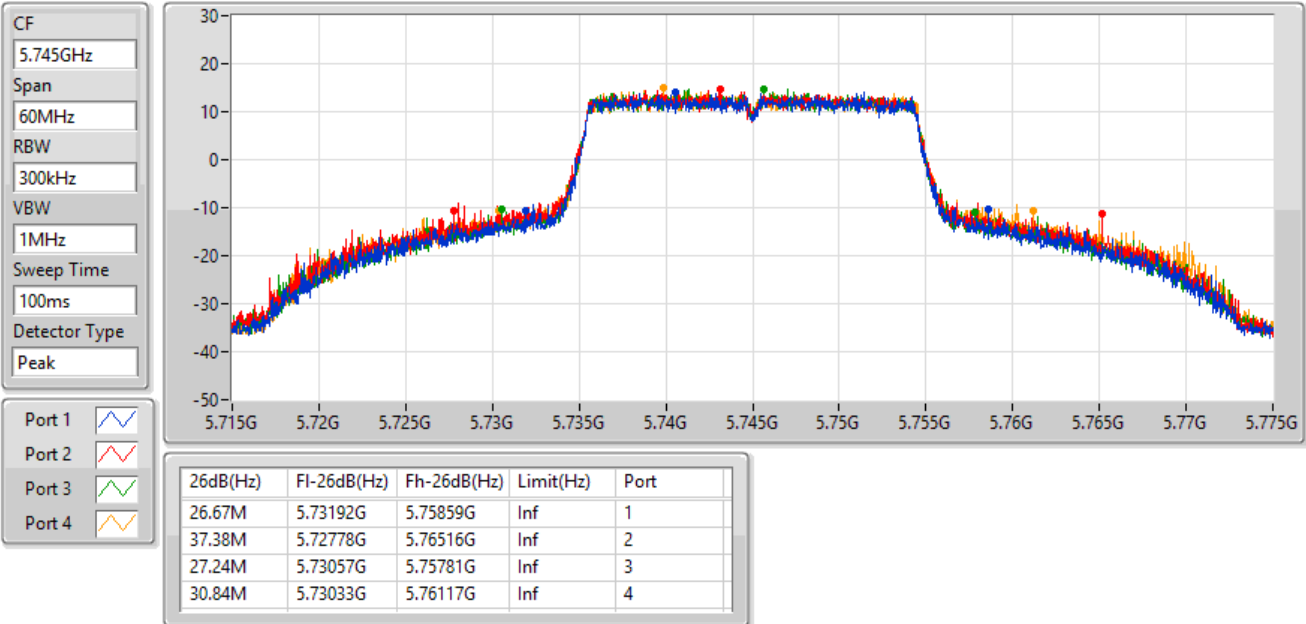


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5745MHz

22/07/2022

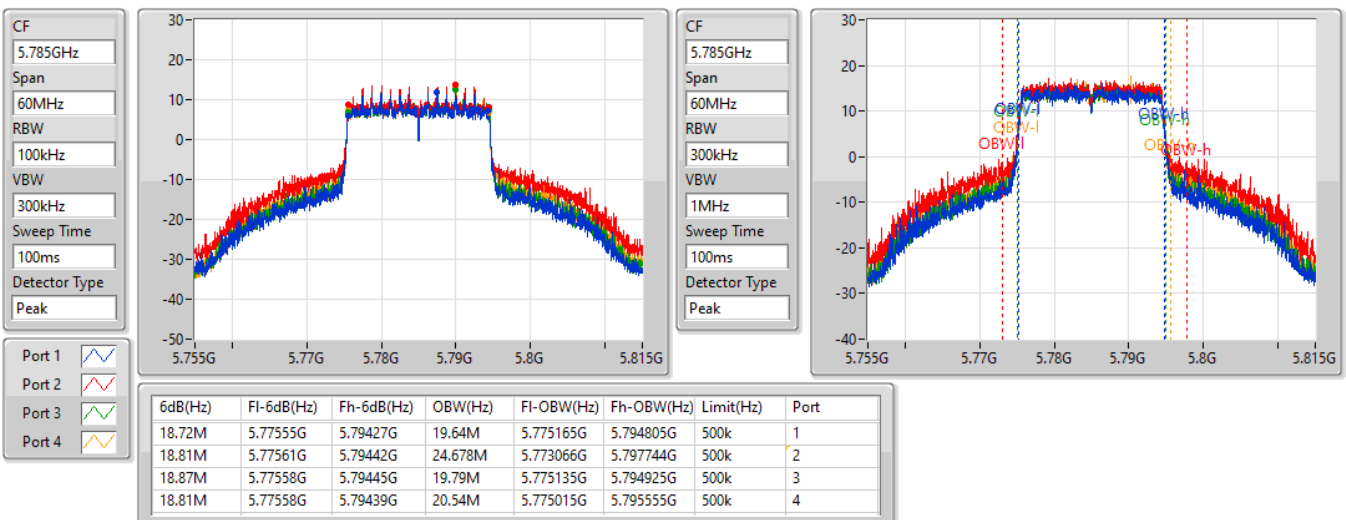


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5785MHz

08/07/2022

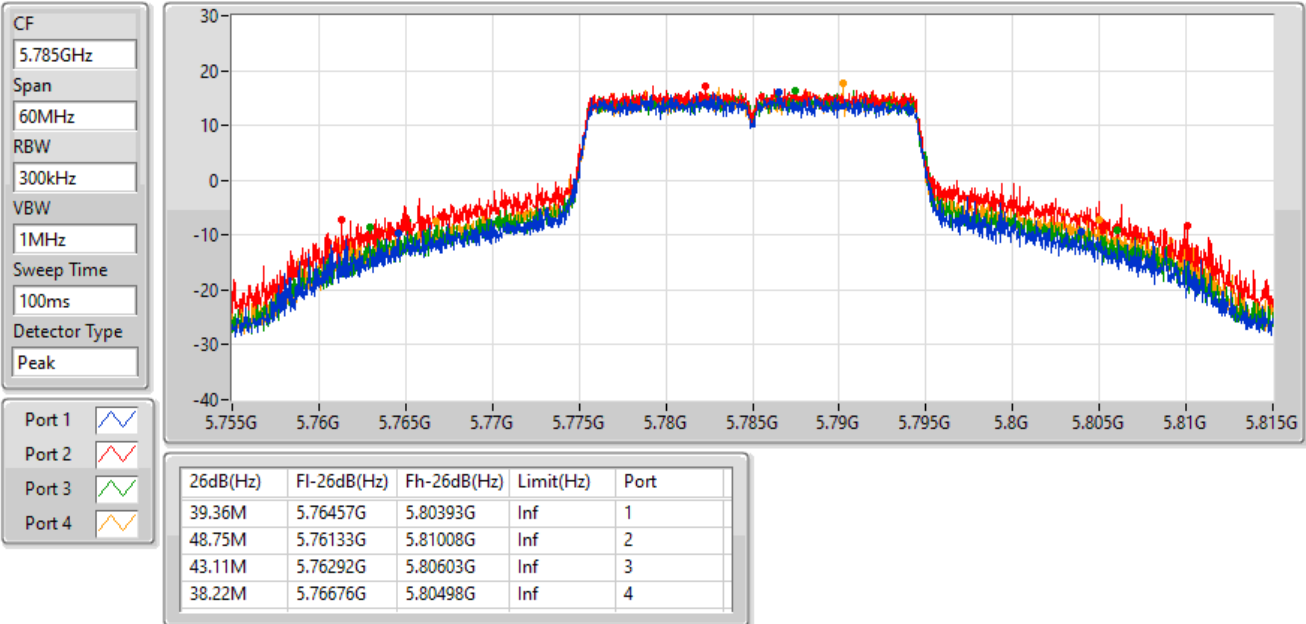


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5785MHz

08/07/2022

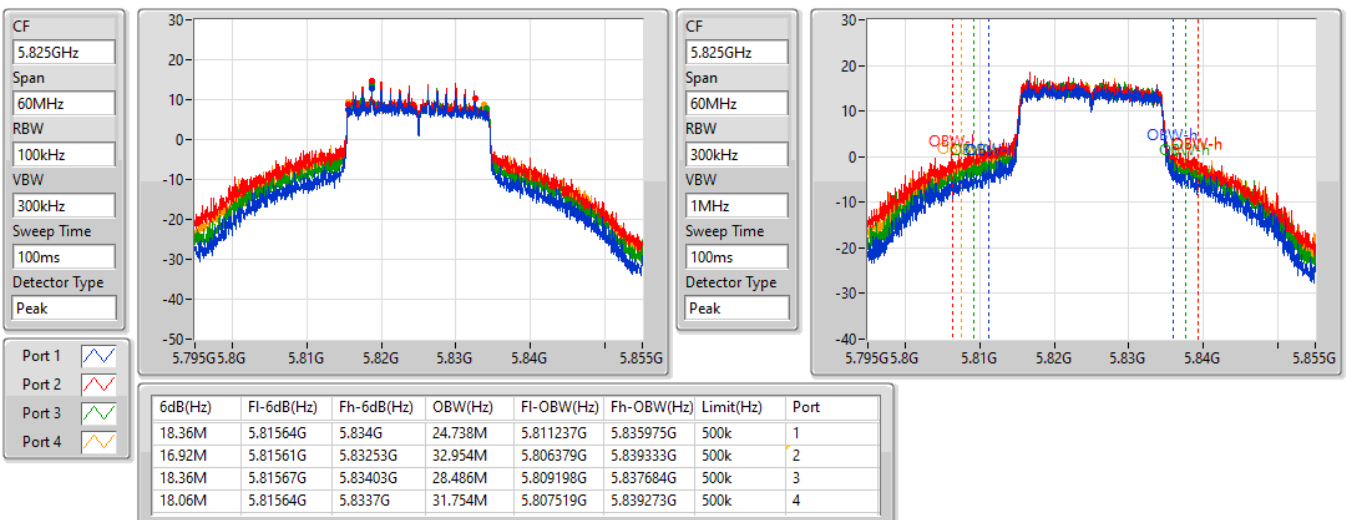


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5825MHz

08/07/2022

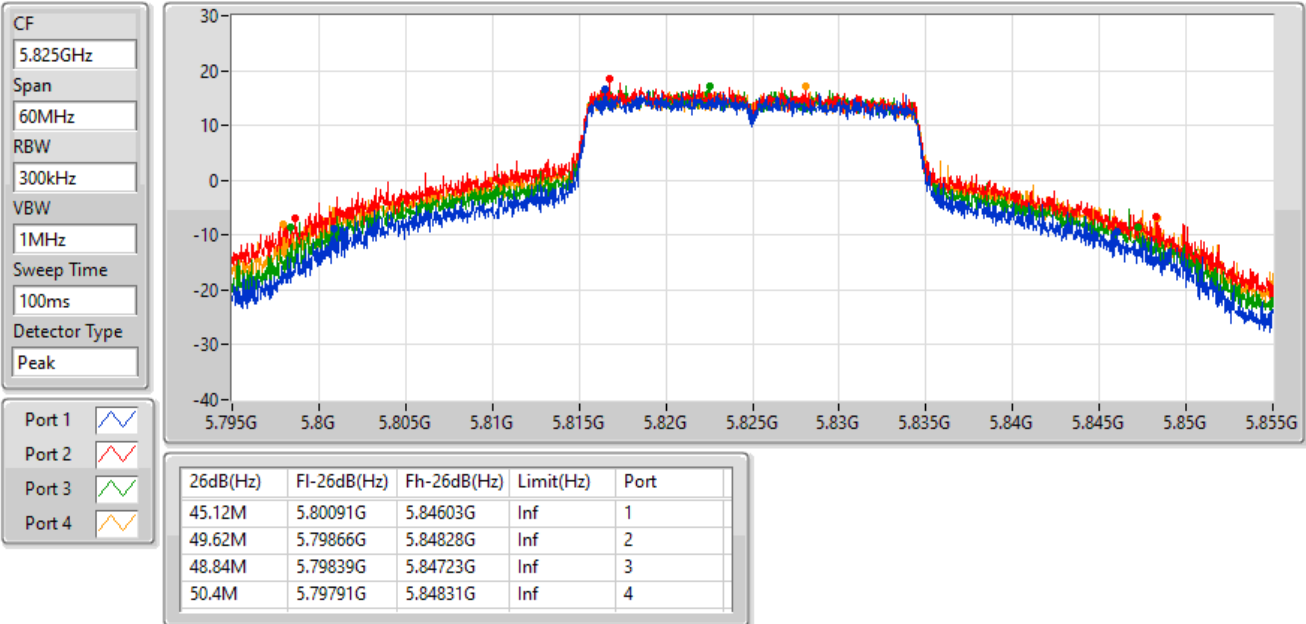


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5825MHz

08/07/2022

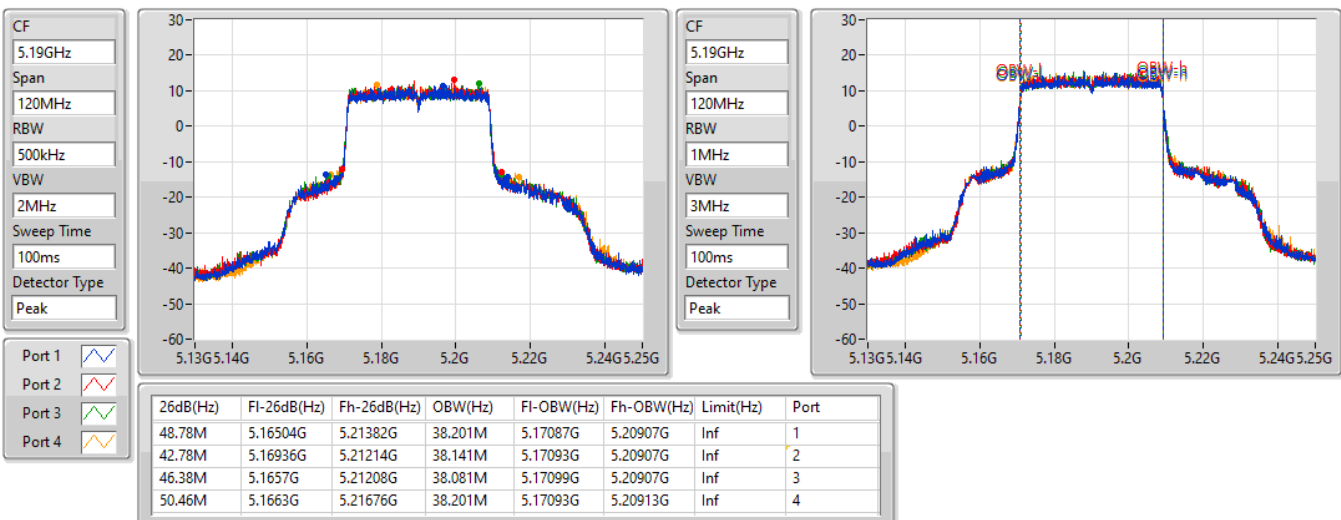


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5190MHz

16/07/2022

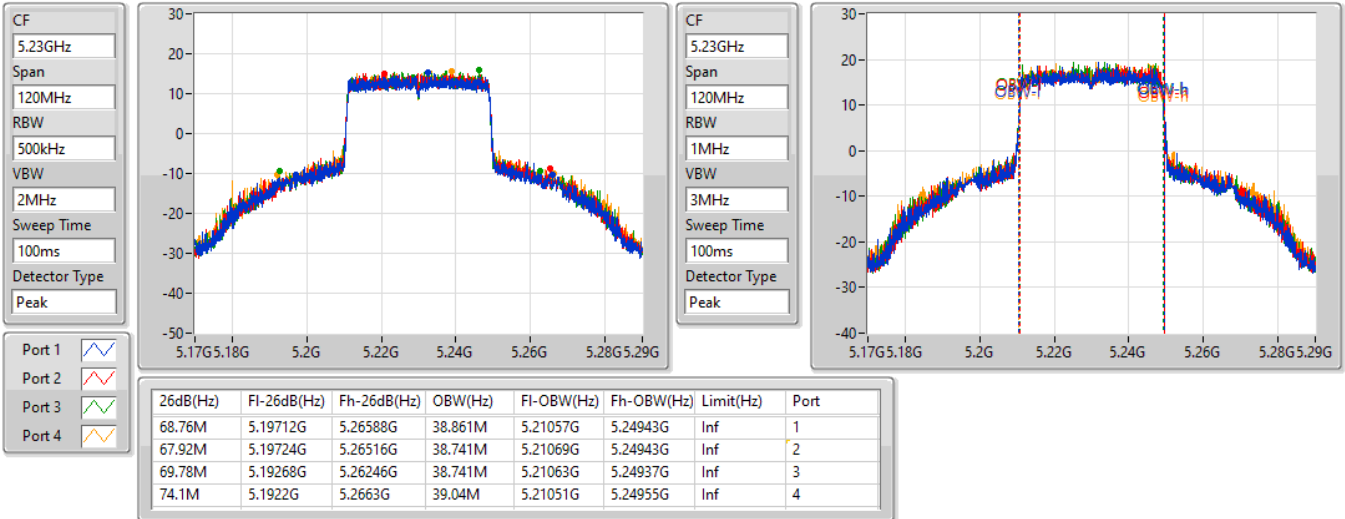


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5230MHz

16/07/2022

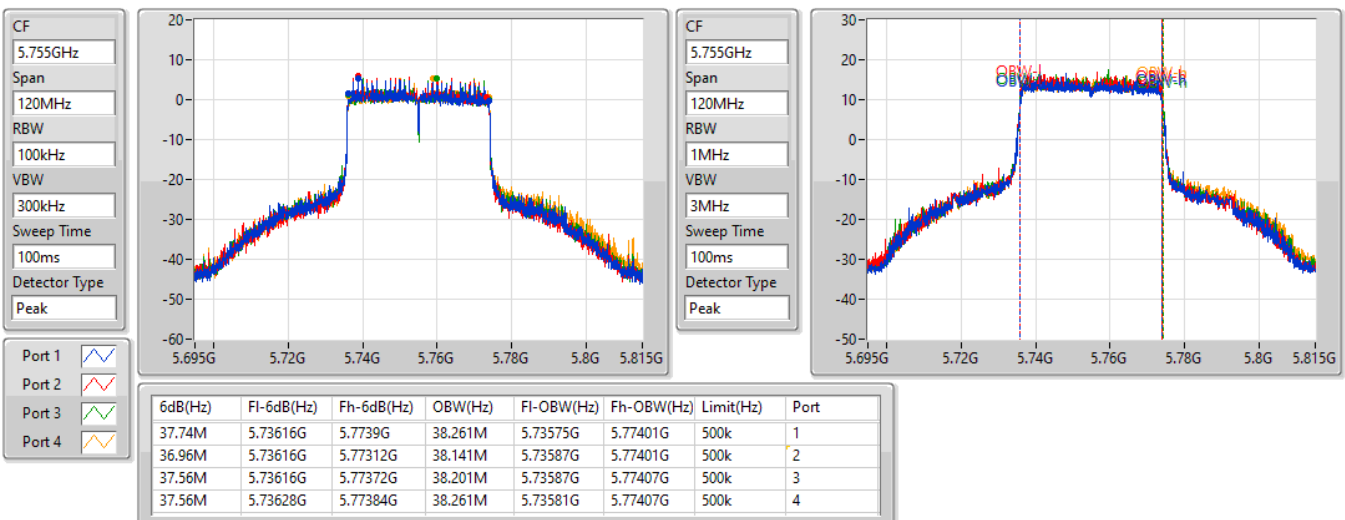


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5755MHz

08/07/2022

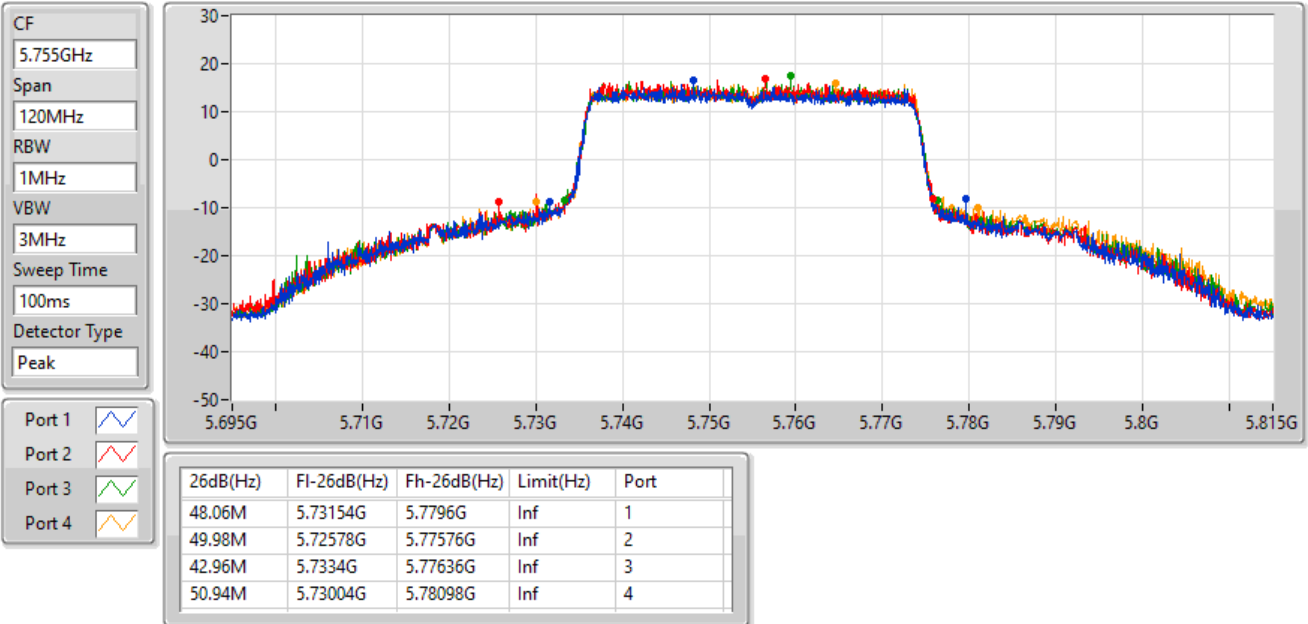


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5755MHz

08/07/2022

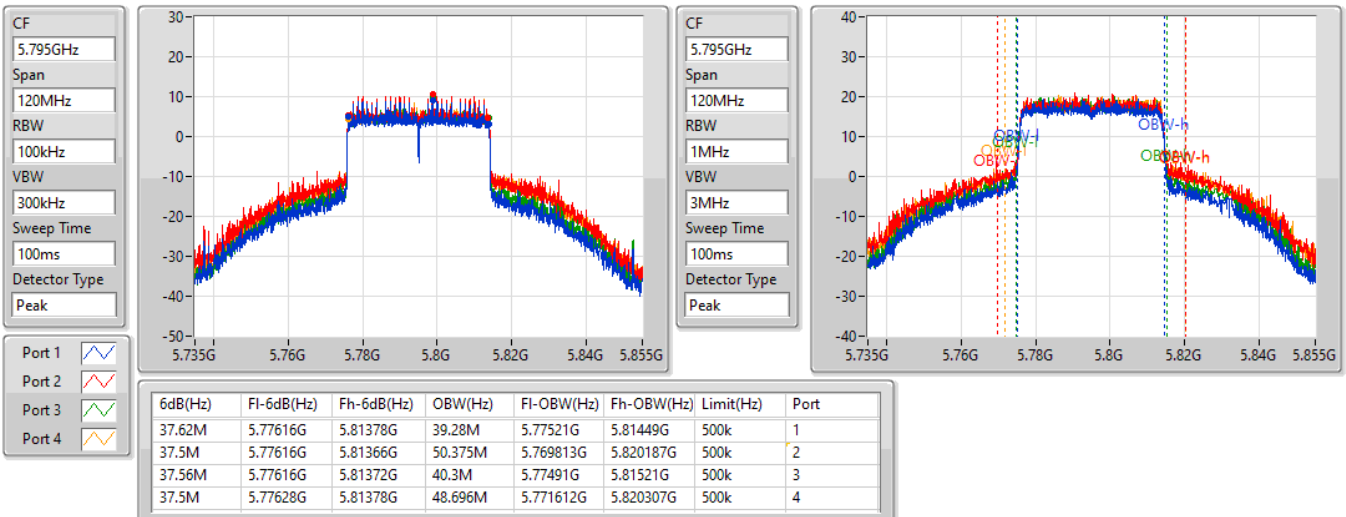


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5795MHz

08/07/2022

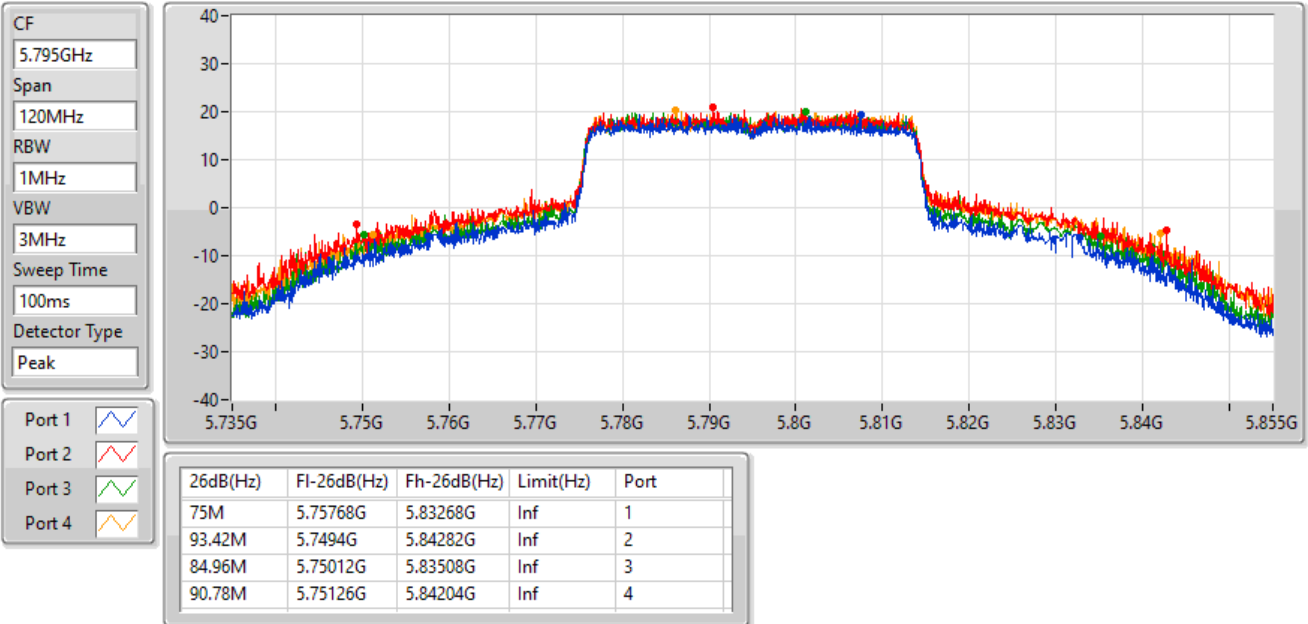


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5795MHz

08/07/2022

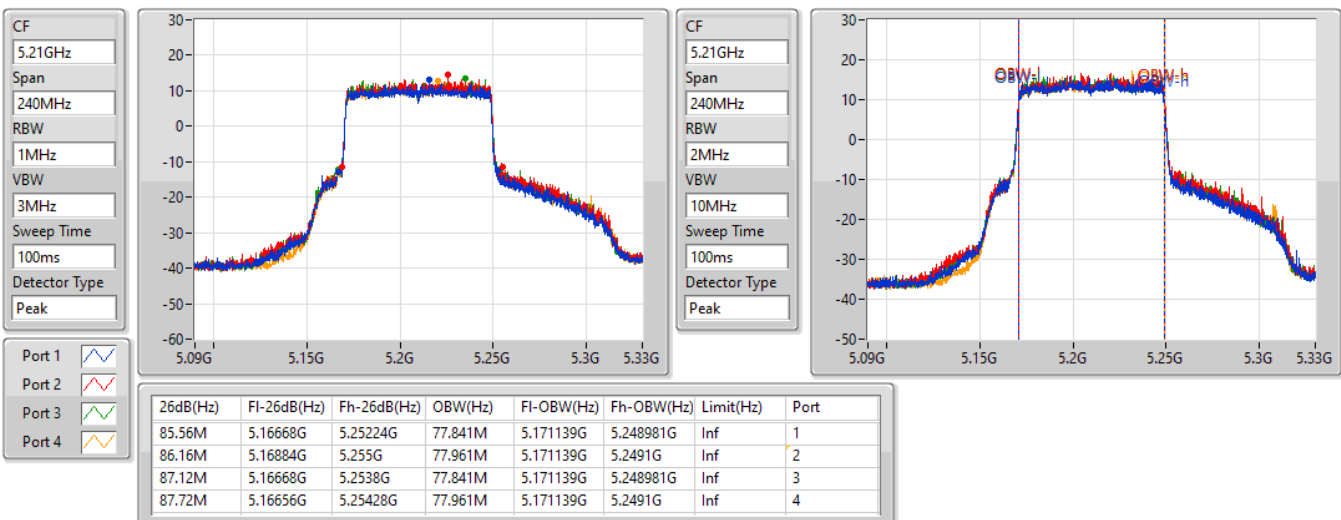


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5210MHz

16/07/2022

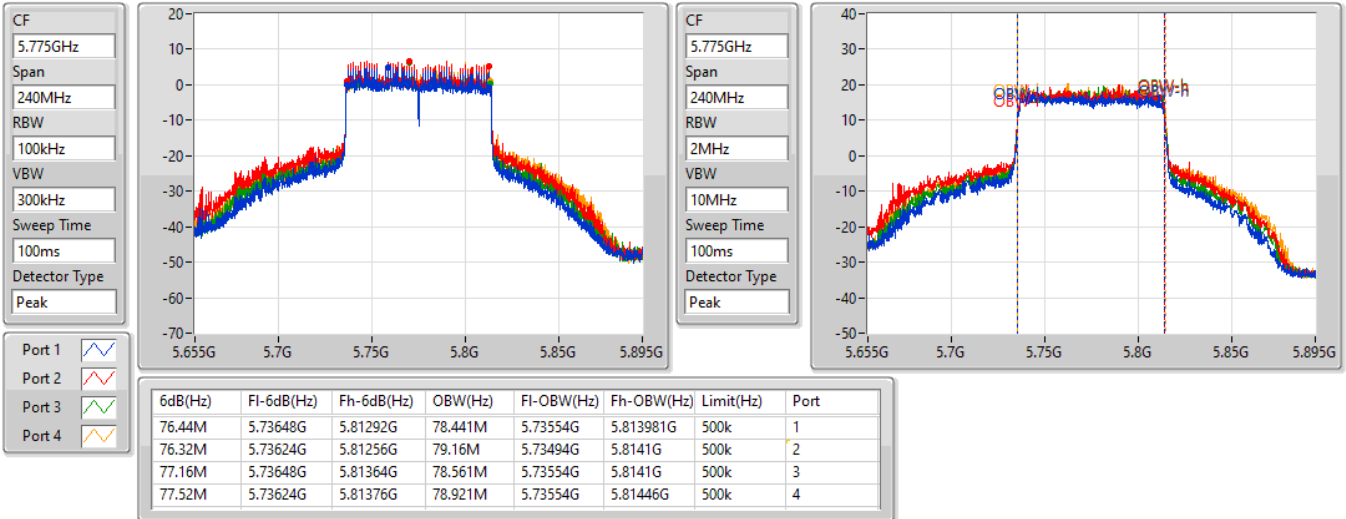


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5775MHz

08/07/2022

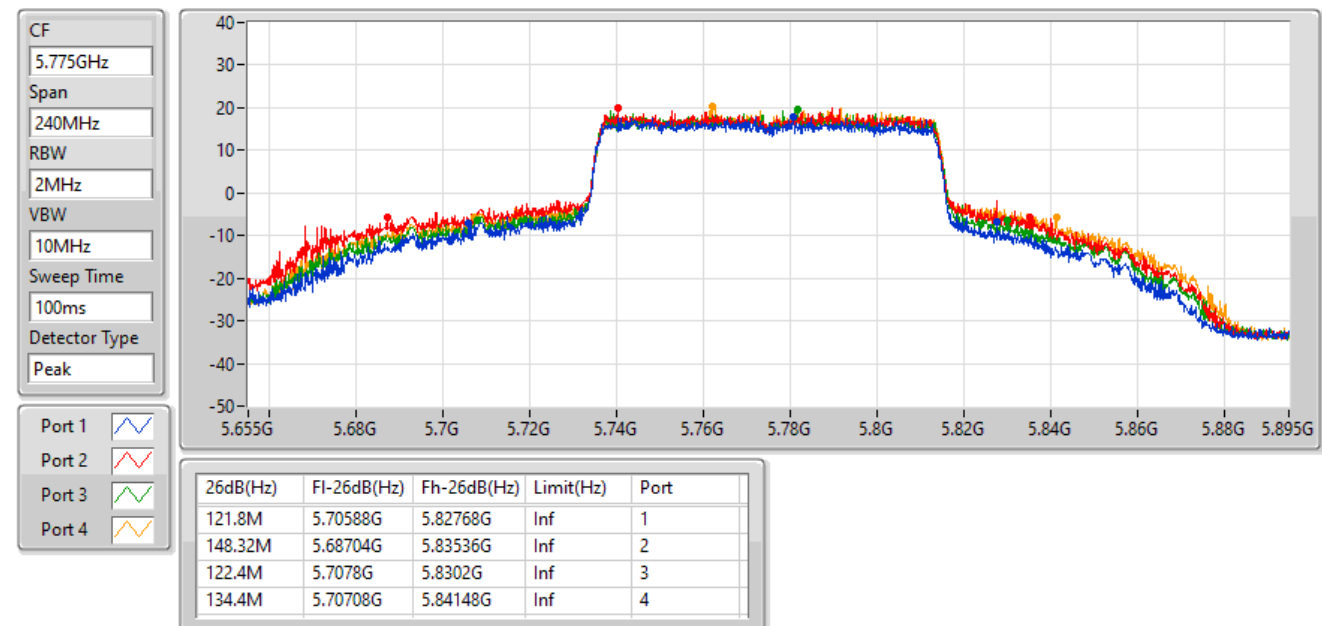


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5775MHz

08/07/2022





EBW_Set 5 antenna with 70 degree_Scanning R1_2T1S_Indoor Appendix B.11

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	44.97M	29.715M	29M8D1D	30.45M	17.751M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.35M	27.706M	27M8D1D	16.32M	17.421M

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



EBW_Set 5 antenna with 70 degree_Scanning R1_2T1S_Indoor Appendix B.11

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	30.45M	17.751M	36.57M	19.1M
5200MHz	Pass	Inf	42.21M	25.157M	44.97M	29.715M
5240MHz	Pass	Inf	31.77M	17.781M	36.78M	19.43M
5745MHz	Pass	500k	16.32M	17.601M	16.35M	17.421M
5785MHz	Pass	500k	16.35M	19.79M	16.35M	17.901M
5825MHz	Pass	500k	16.32M	27.706M	16.32M	18.111M

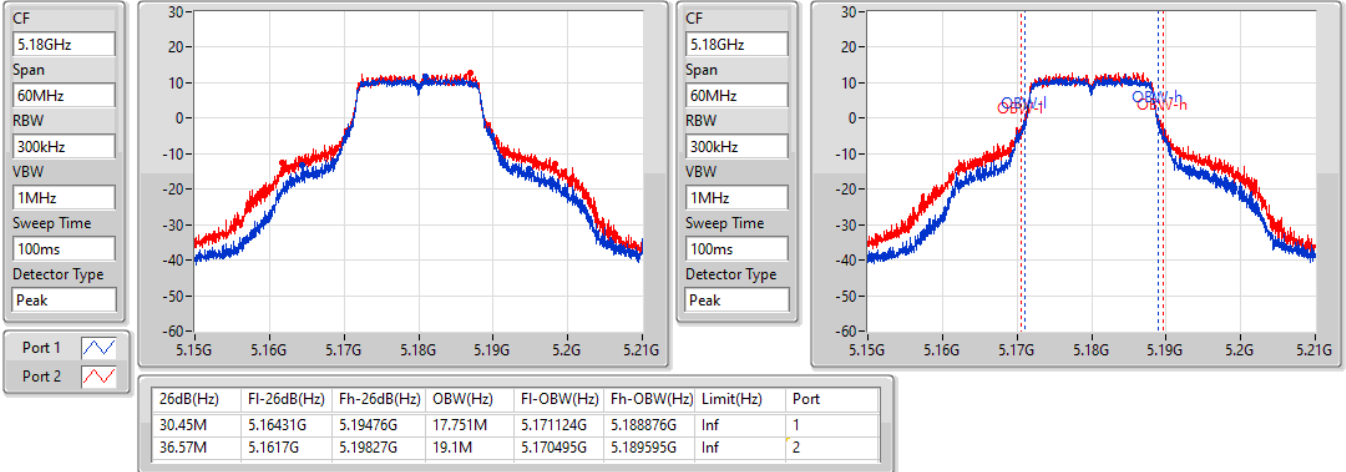
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

16/07/2022

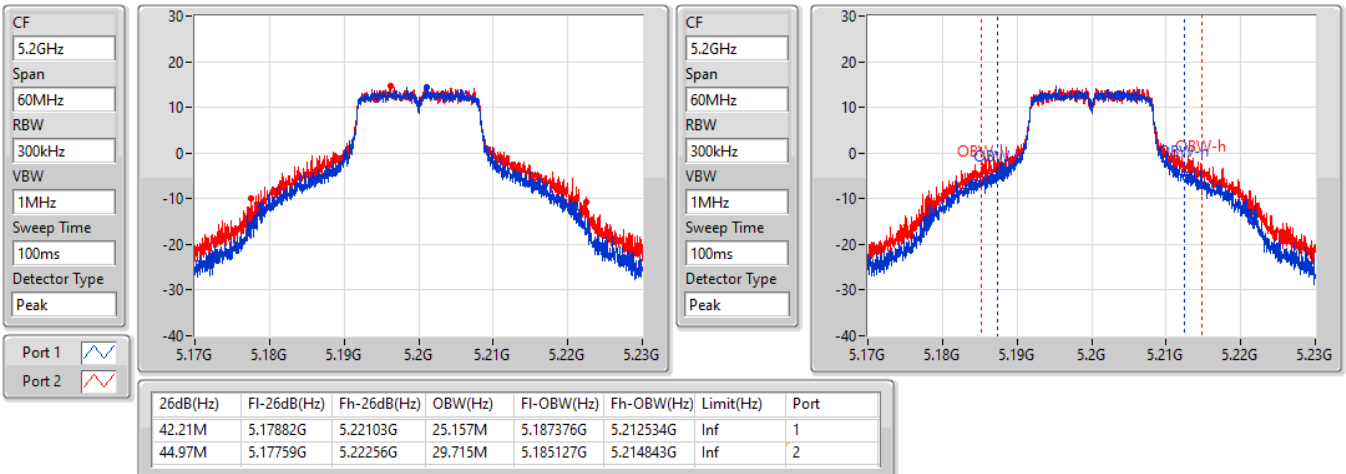


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

16/07/2022

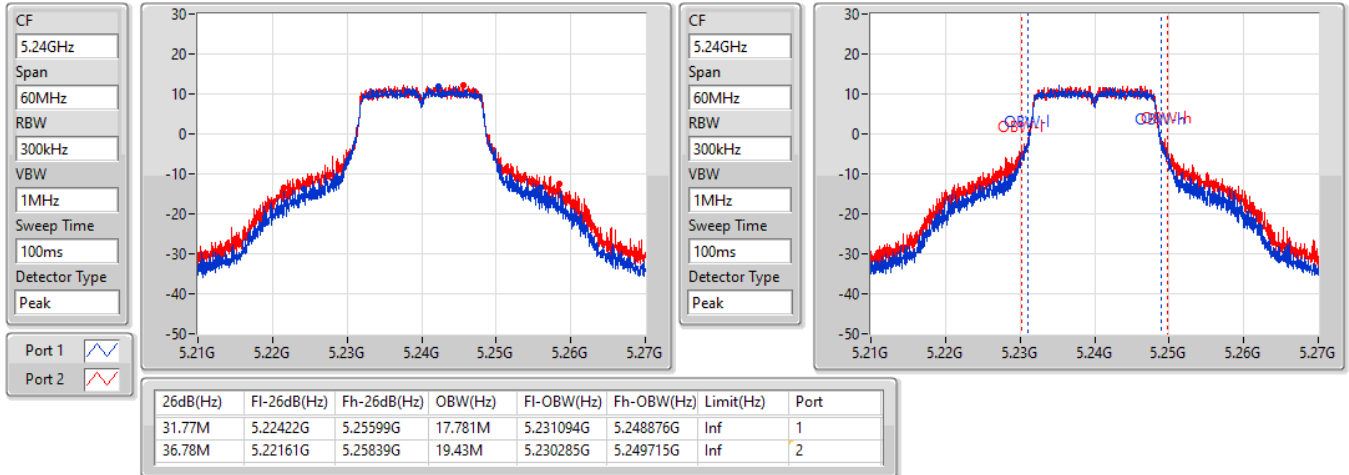


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

16/07/2022

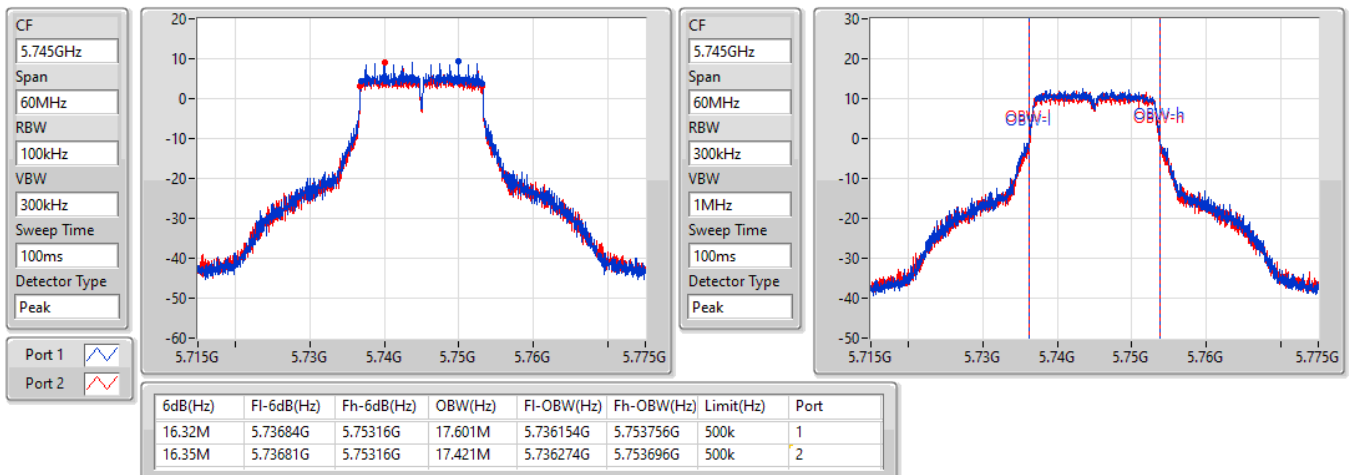


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

11/07/2022

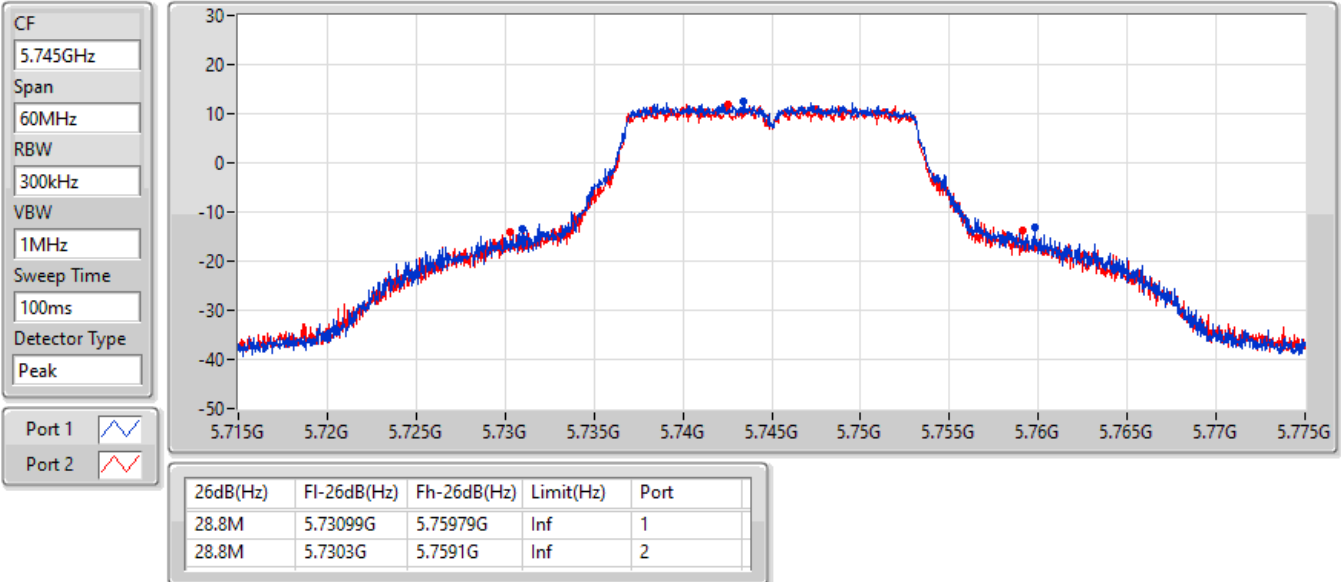


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

11/07/2022

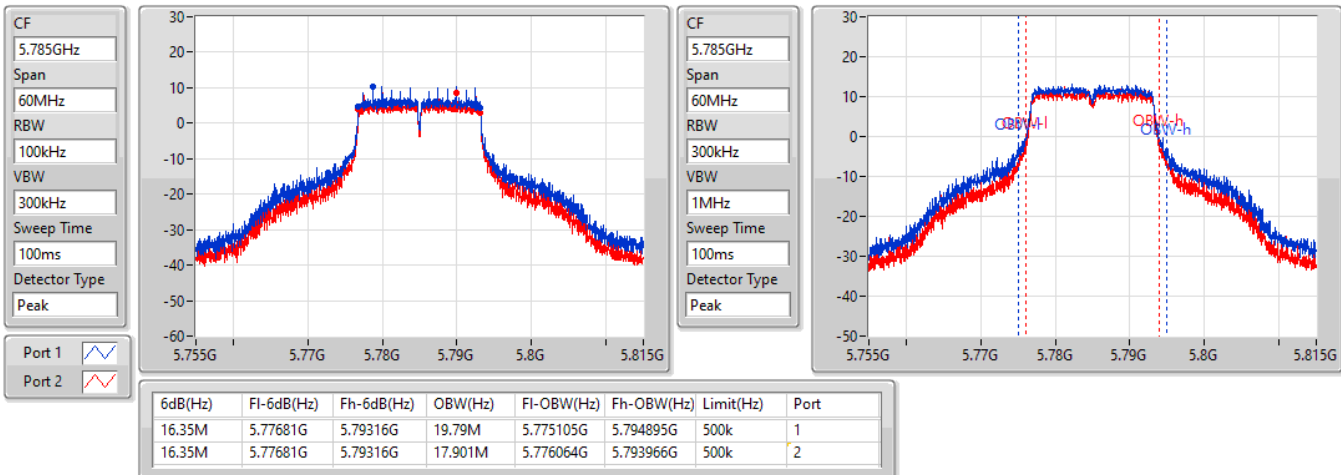


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

11/07/2022

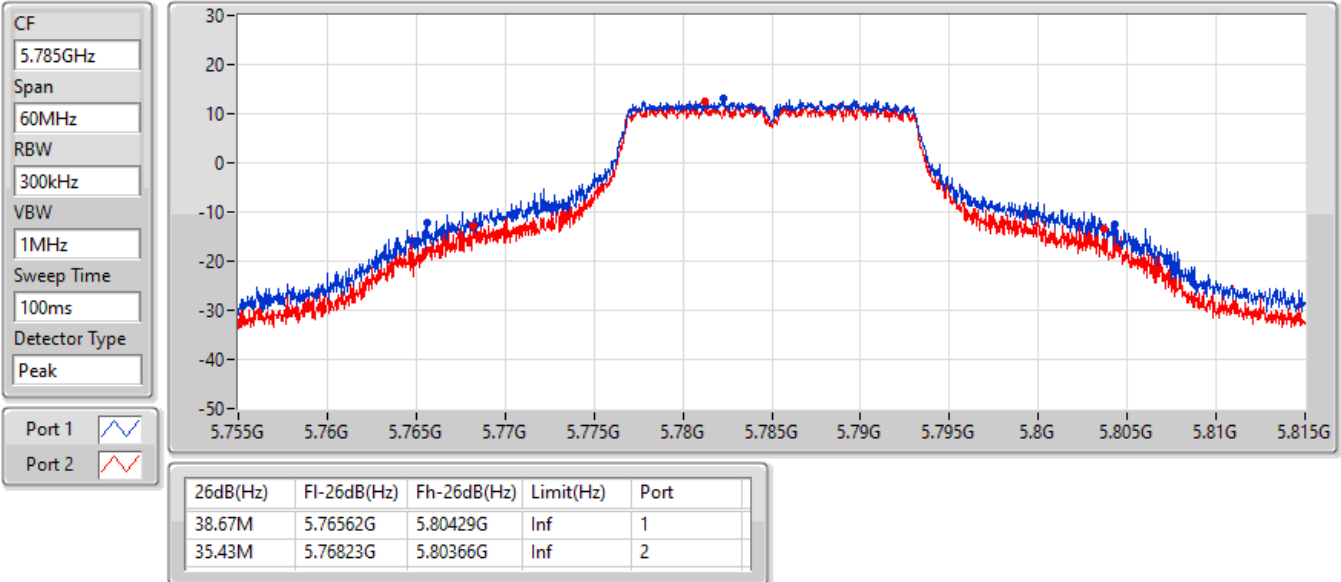


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

11/07/2022

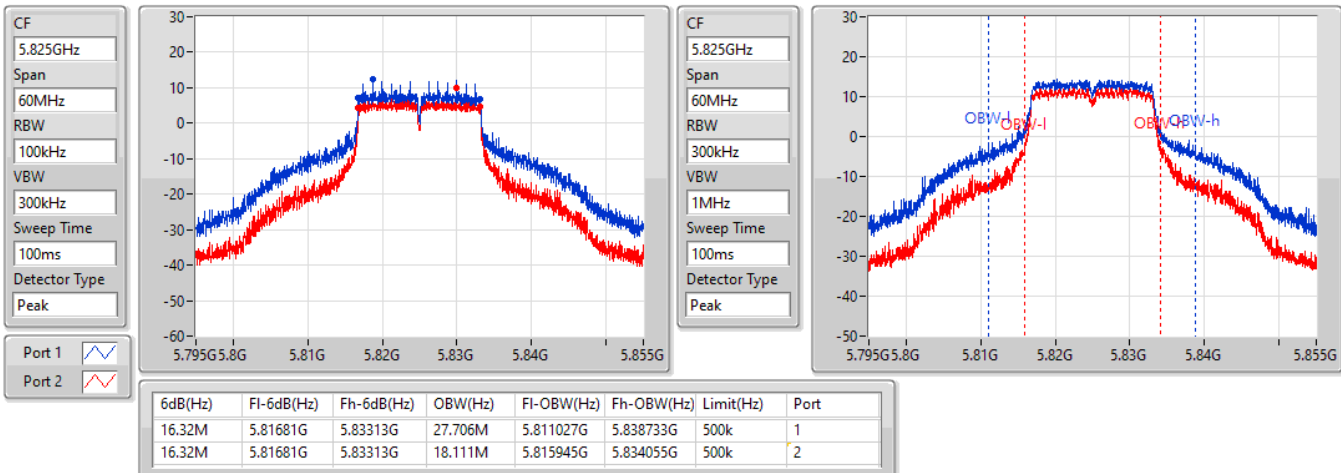


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

11/07/2022

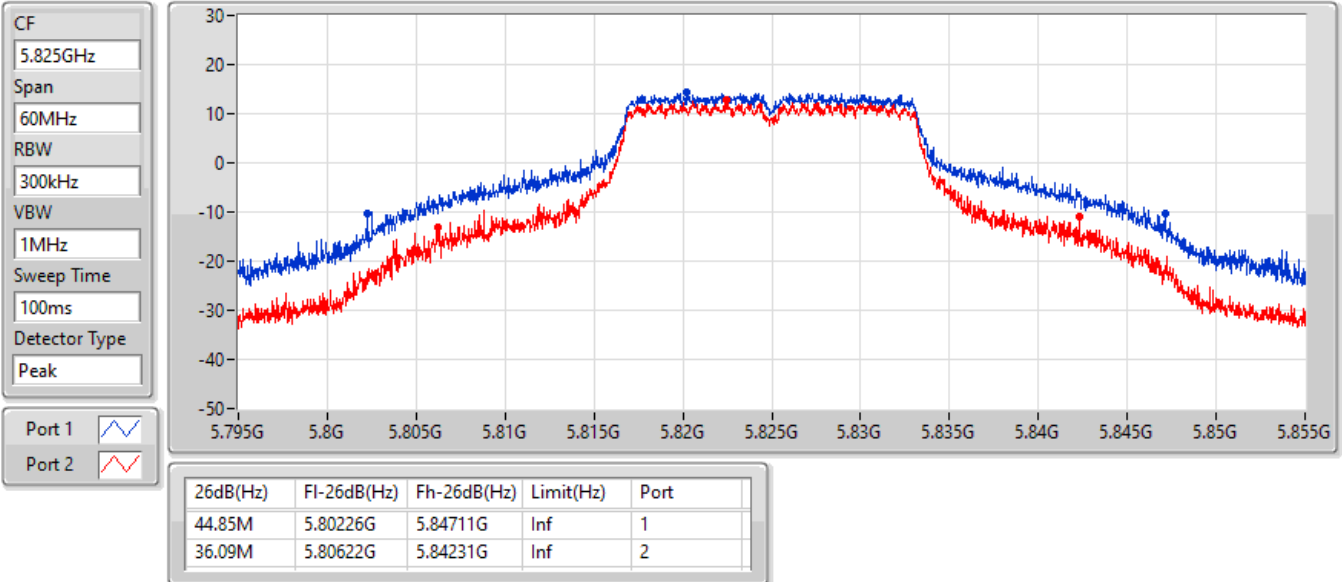


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

11/07/2022



**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_Nss2,(MCS0)_2TX	48.54M	28.576M	28M6D1D	31.98M	19.28M
802.11ax HEW40_Nss2,(MCS0)_2TX	89.52M	39.46M	39M5D1D	45.84M	38.201M
802.11ax HEW80_Nss2,(MCS0)_2TX	104.76M	78.081M	78M1D1D	88.44M	77.961M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.87M	43.238M	43M3D1D	18M	19.31M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.62M	57.811M	57M9D1D	37.26M	38.261M
802.11ax HEW80_Nss2,(MCS0)_2TX	77.16M	79.04M	79M0D1D	76.56M	78.801M

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)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	31.98M	19.28M	36.51M	19.67M
5200MHz	Pass	Inf	44.34M	20.75M	48.54M	28.576M
5240MHz	Pass	Inf	35.52M	19.4M	43.29M	19.76M
5745MHz	Pass	500k	18.54M	19.37M	18.81M	19.31M
5785MHz	Pass	500k	18.87M	20.81M	18.87M	19.43M
5825MHz	Pass	500k	18.45M	43.238M	18M	40.48M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	46.68M	38.201M	45.84M	38.201M
5230MHz	Pass	Inf	68.34M	38.621M	89.52M	39.46M
5755MHz	Pass	500k	37.62M	38.381M	37.62M	38.261M
5795MHz	Pass	500k	37.62M	57.811M	37.26M	42.819M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	88.44M	78.081M	104.76M	77.961M
5775MHz	Pass	500k	77.16M	79.04M	76.56M	78.801M

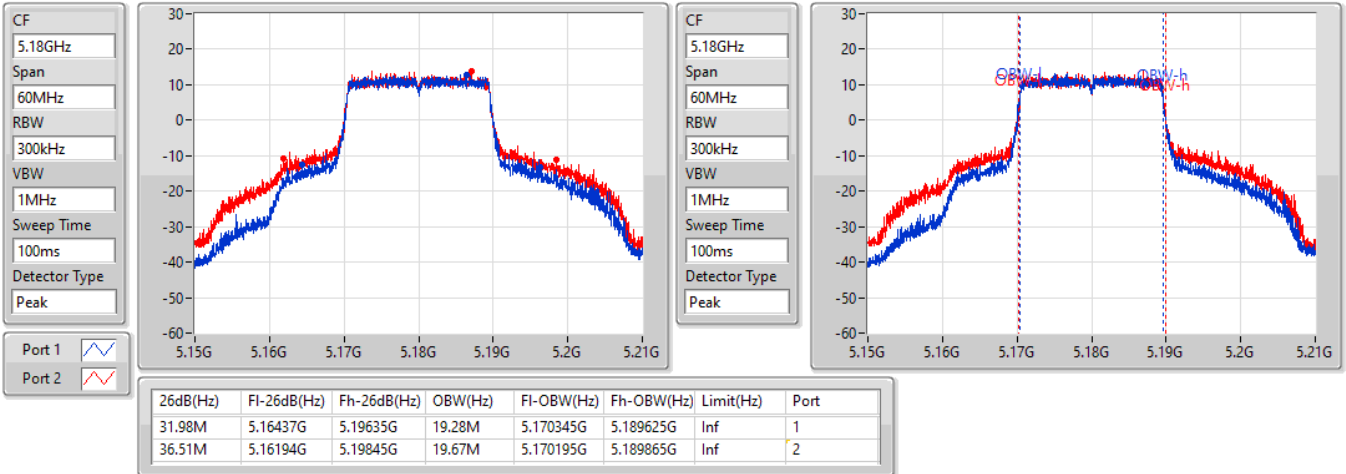
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

16/07/2022

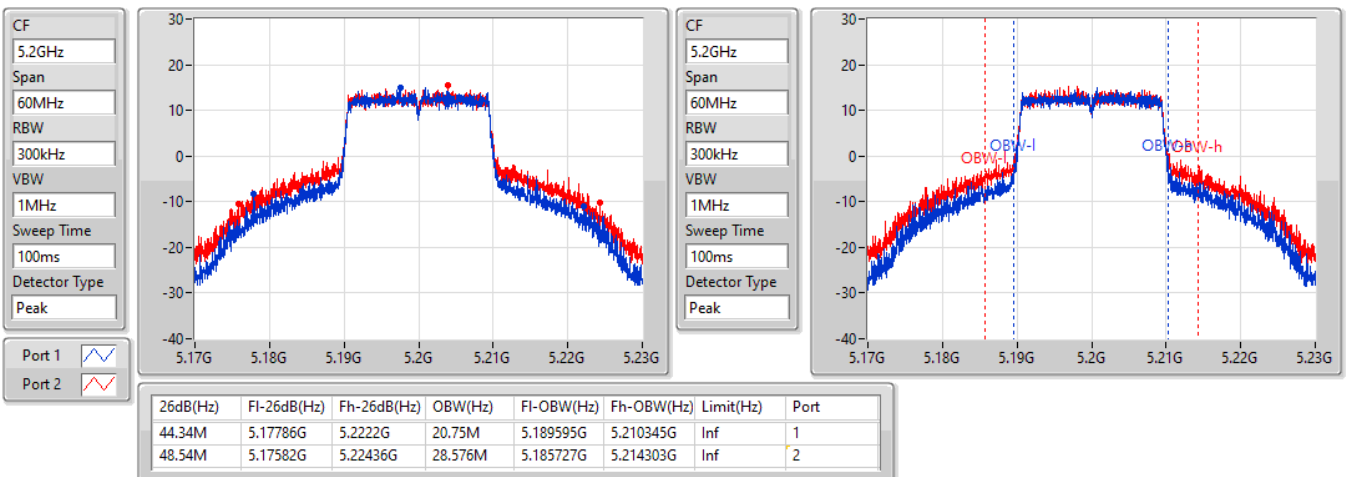


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5200MHz

16/07/2022

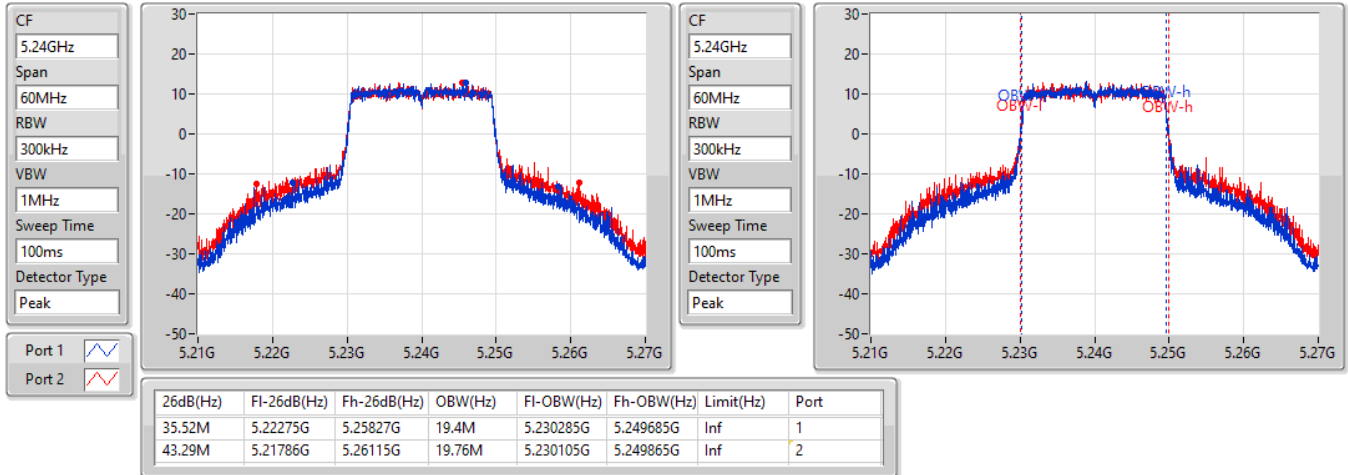


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5240MHz

16/07/2022

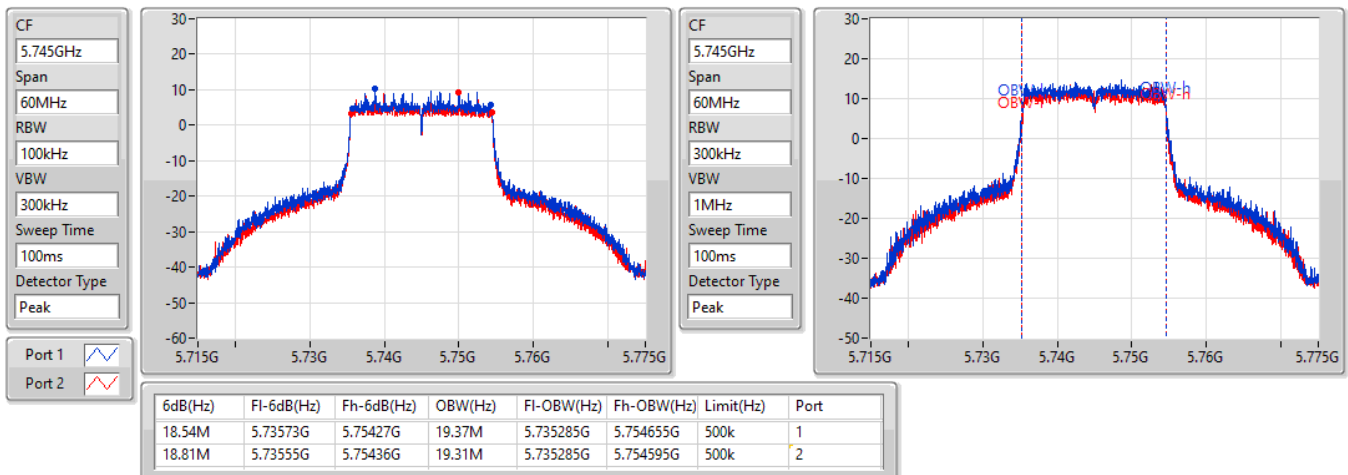


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5745MHz

11/07/2022

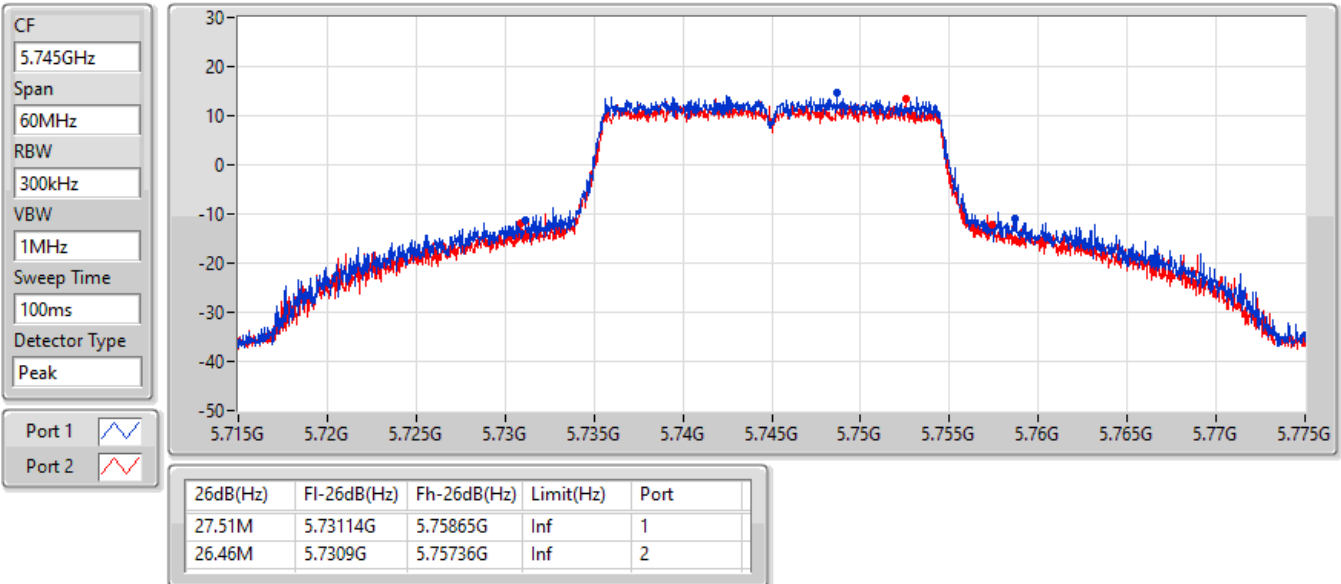


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5745MHz

11/07/2022

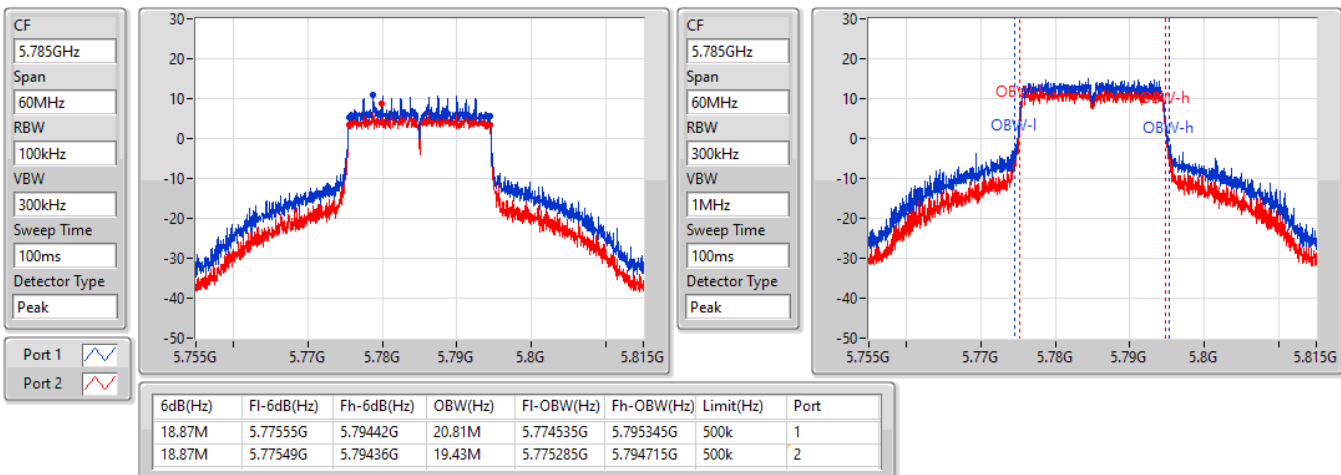


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5785MHz

11/07/2022

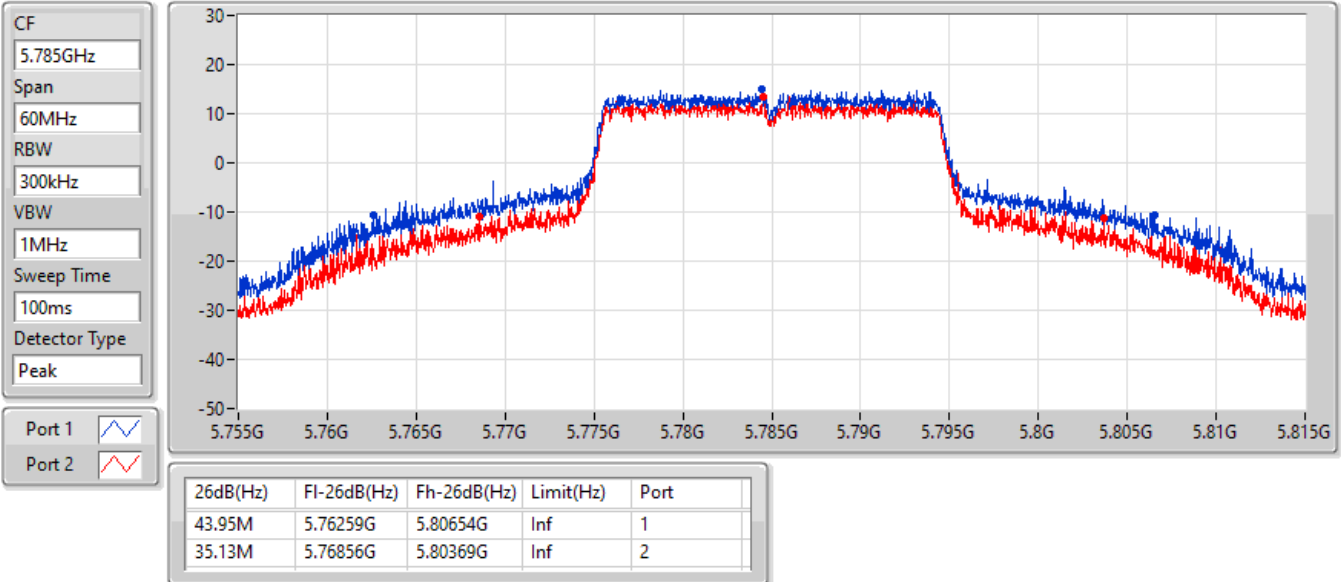


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5785MHz

11/07/2022

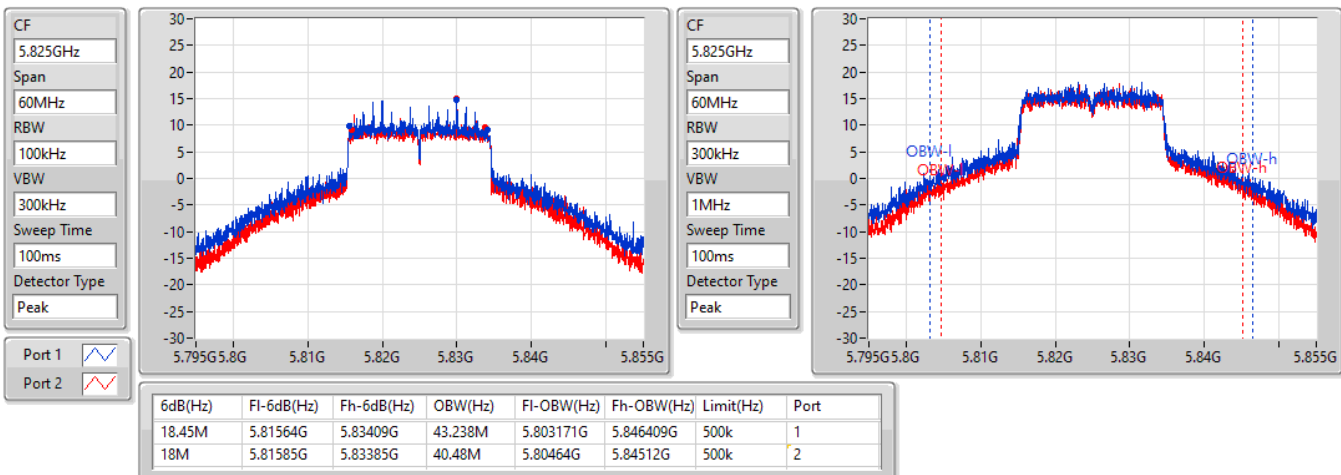


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5825MHz

11/07/2022

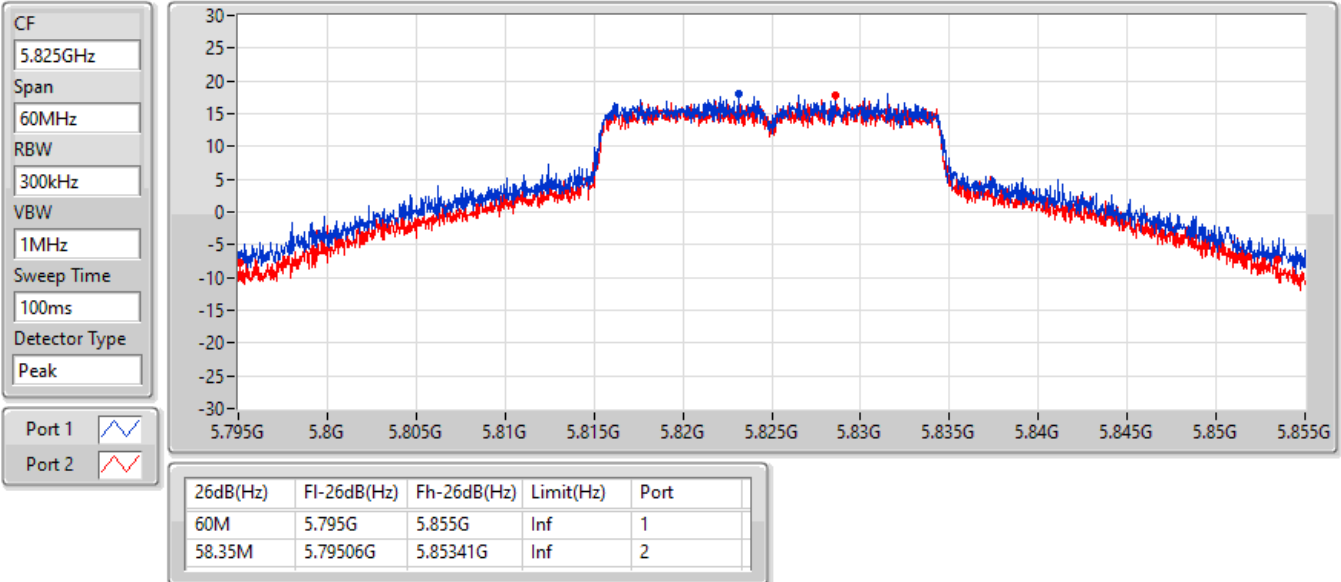


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5825MHz

11/07/2022

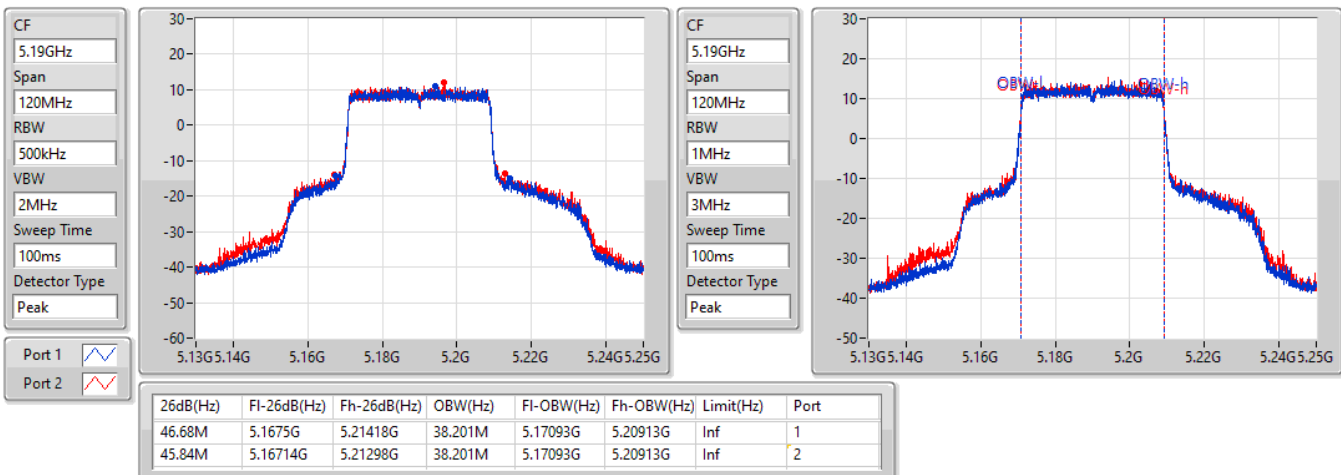


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5190MHz

16/07/2022

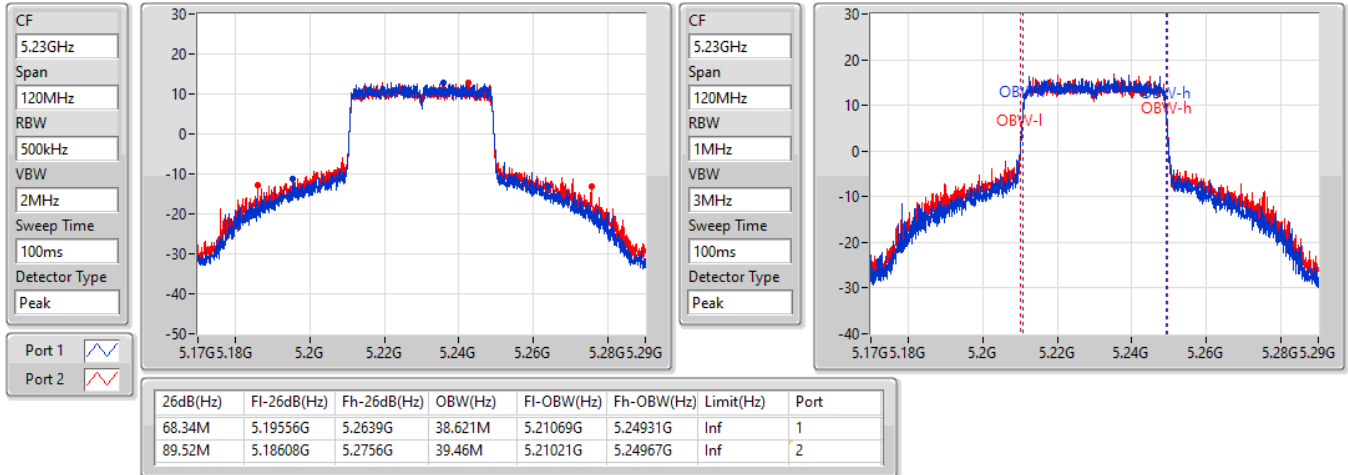


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

16/07/2022

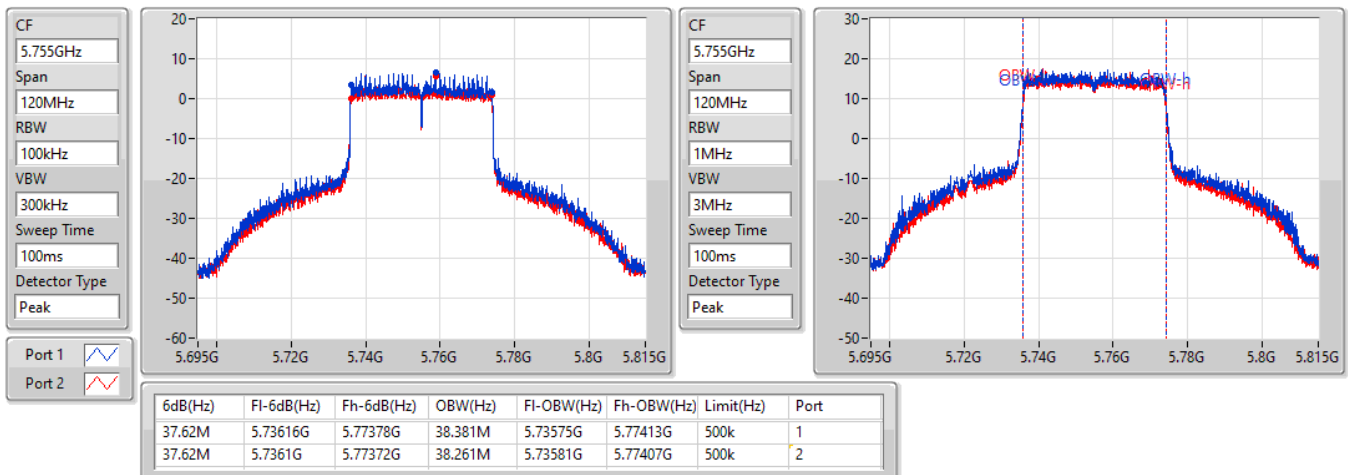


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5755MHz

11/07/2022

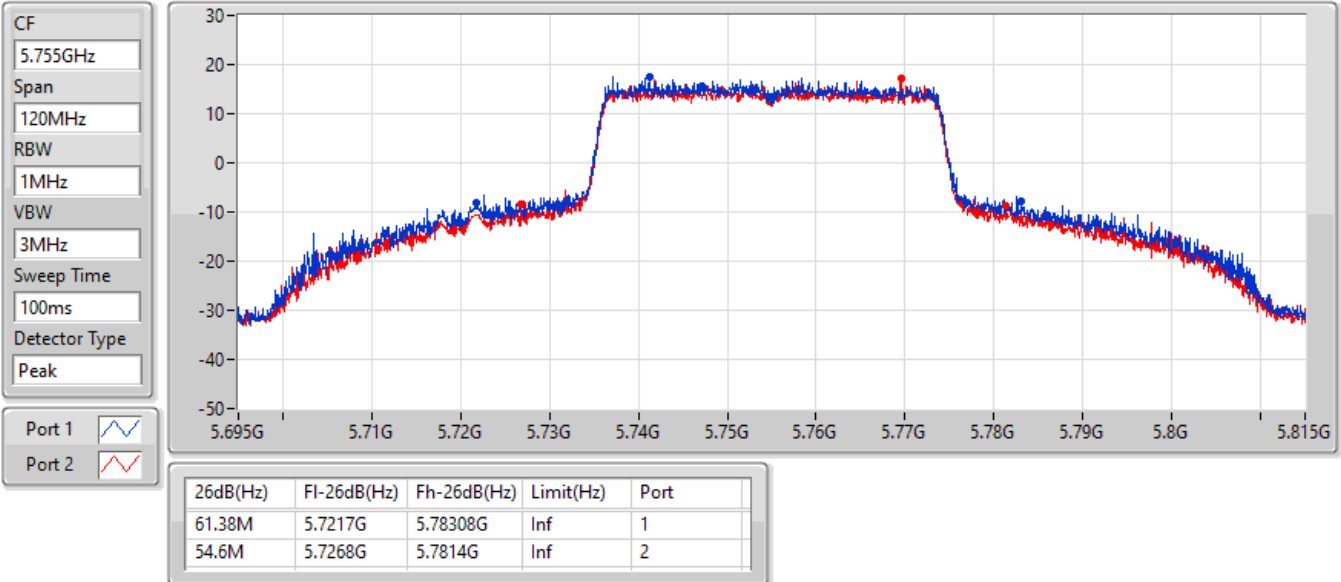


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5755MHz

11/07/2022

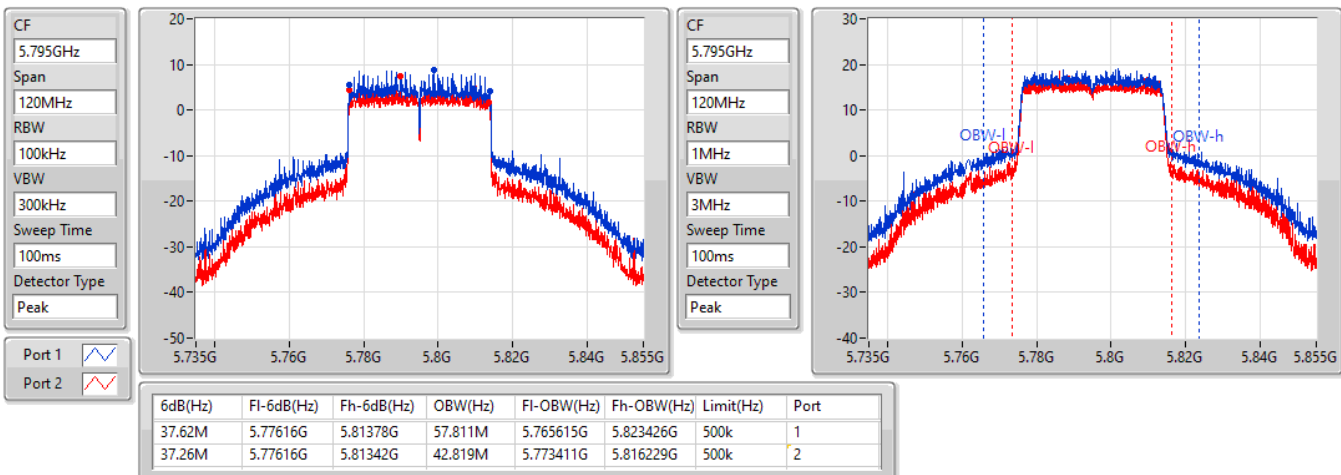


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5795MHz

11/07/2022

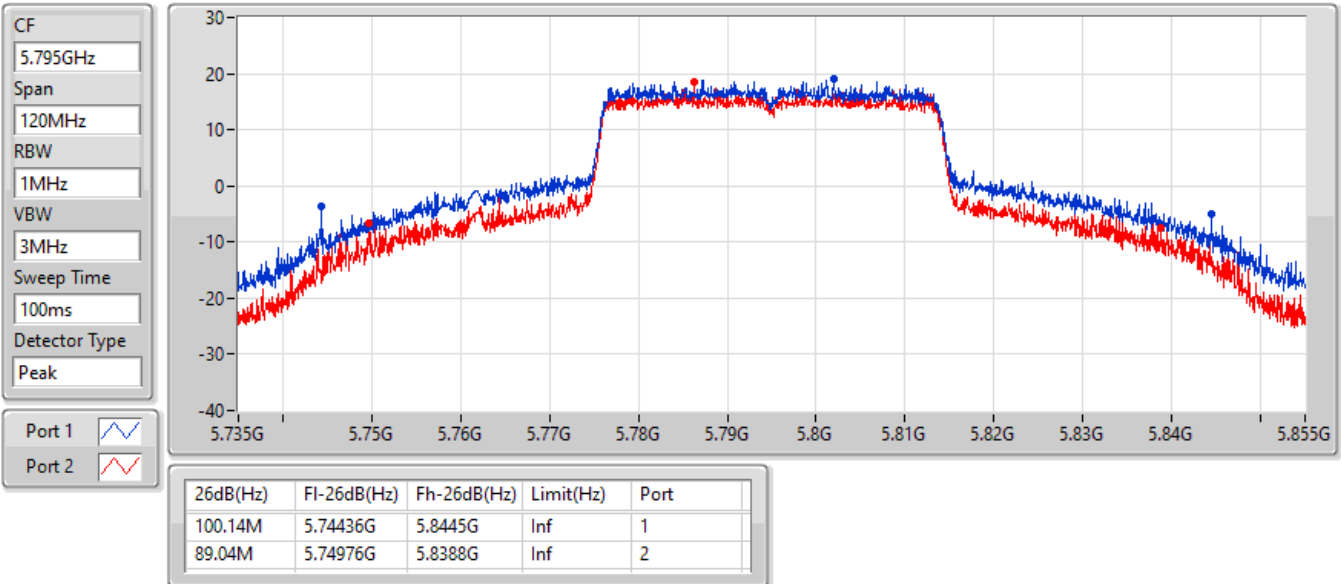


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5795MHz

11/07/2022

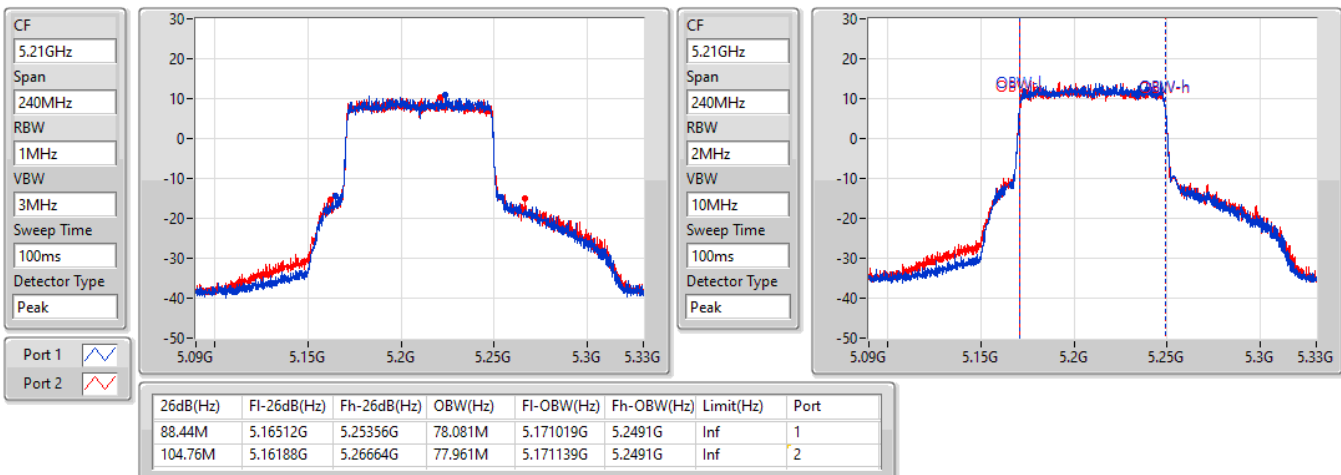


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

16/07/2022

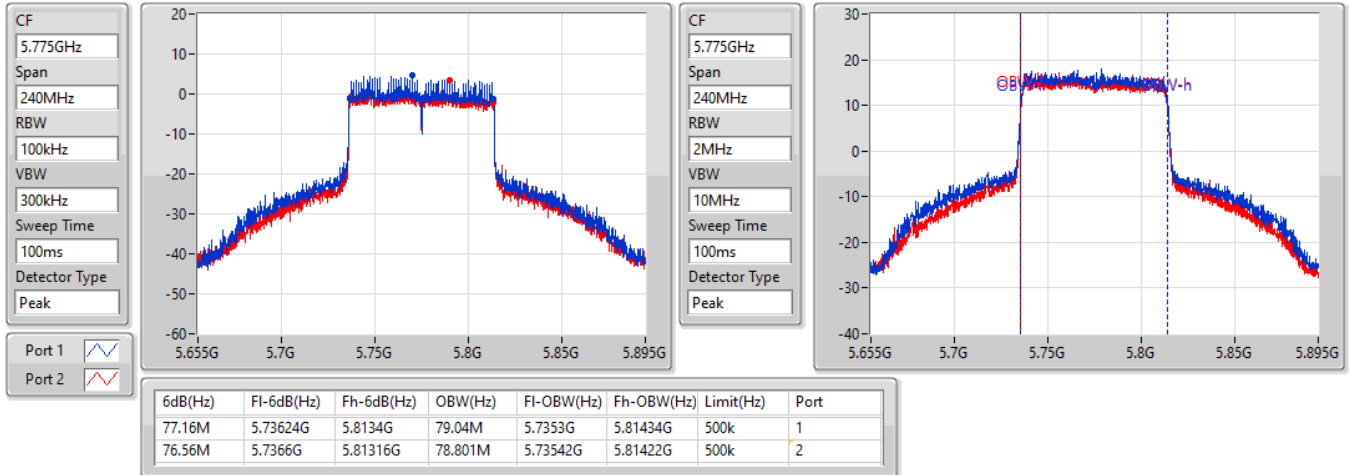


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5775MHz

11/07/2022

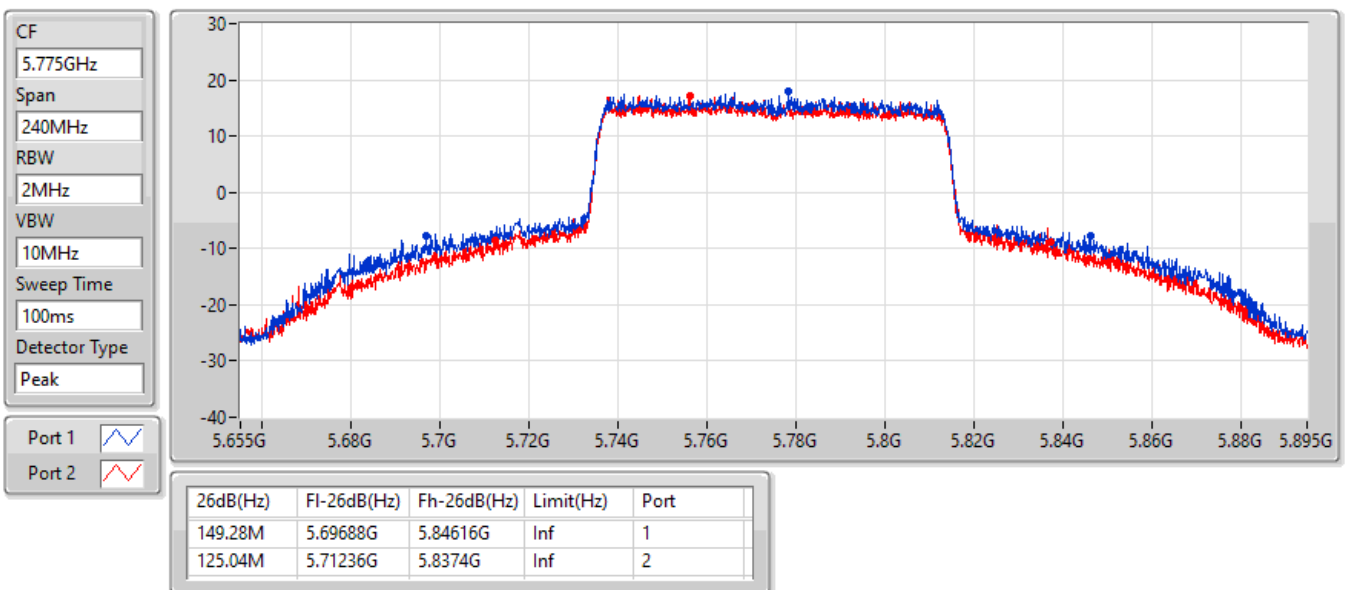


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5775MHz

11/07/2022



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	39.12M	22.219M	22M3D1D	36M	18.111M
802.11ax HEW20_Nss1,(MCS0)_1TX	45.9M	21.979M	22M0D1D	36.75M	19.46M
802.11ax HEW40_Nss1,(MCS0)_1TX	70.74M	38.681M	38M7D1D	60.66M	38.381M
802.11ax HEW80_Nss1,(MCS0)_1TX	98.88M	78.201M	78M3D1D	98.88M	78.201M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	39.12M	22.219M
5200MHz	Pass	Inf	39.06M	20.06M
5240MHz	Pass	Inf	36M	18.111M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	42.75M	21.979M
5200MHz	Pass	Inf	45.9M	20.18M
5240MHz	Pass	Inf	36.75M	19.46M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	60.66M	38.381M
5230MHz	Pass	Inf	70.74M	38.681M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	98.88M	78.201M

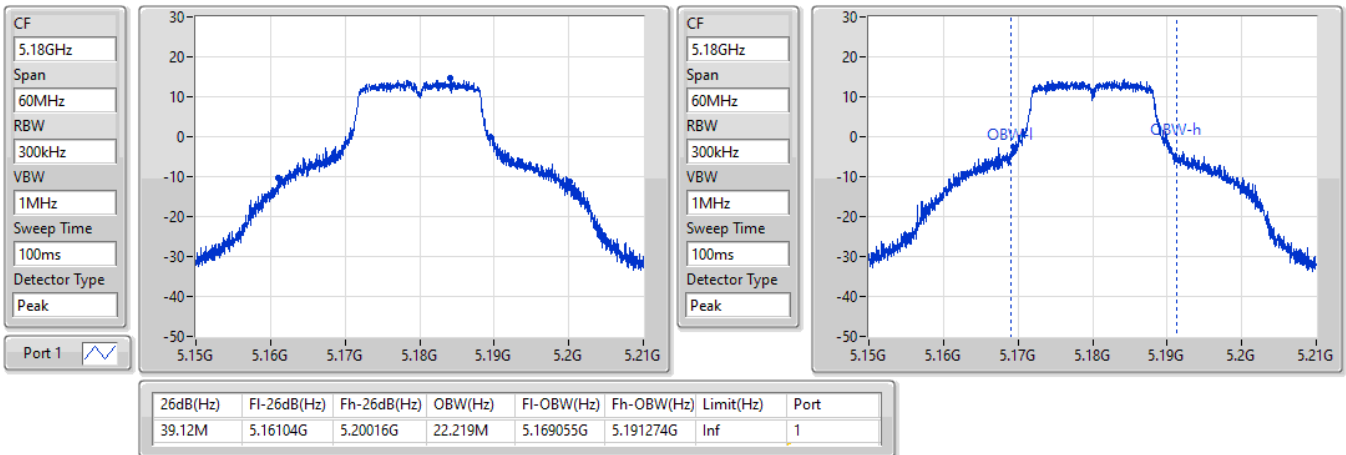
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

07/07/2022

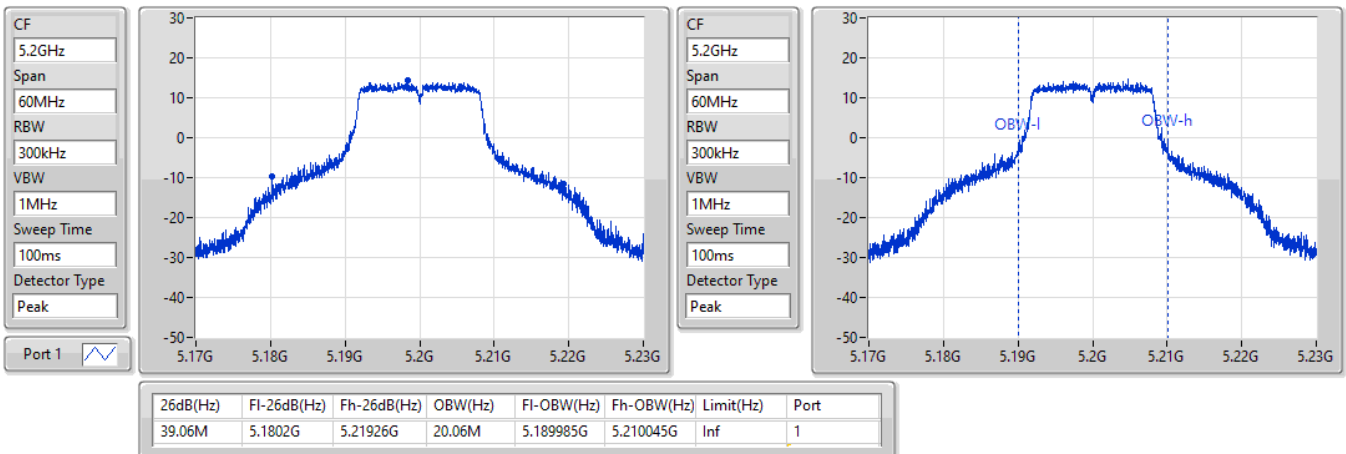


802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

07/07/2022

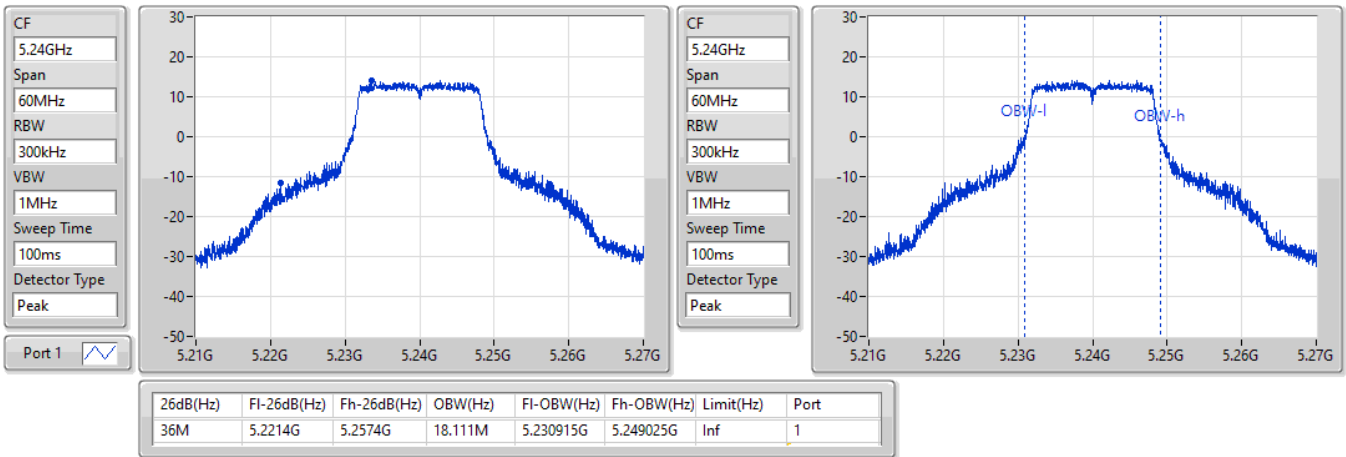


802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

07/07/2022

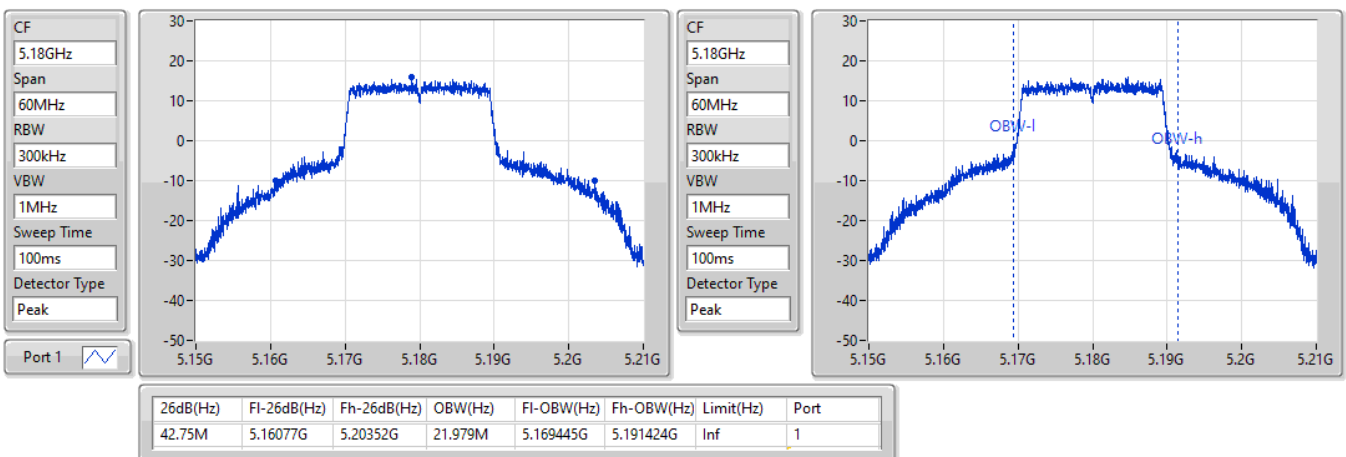


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

07/07/2022

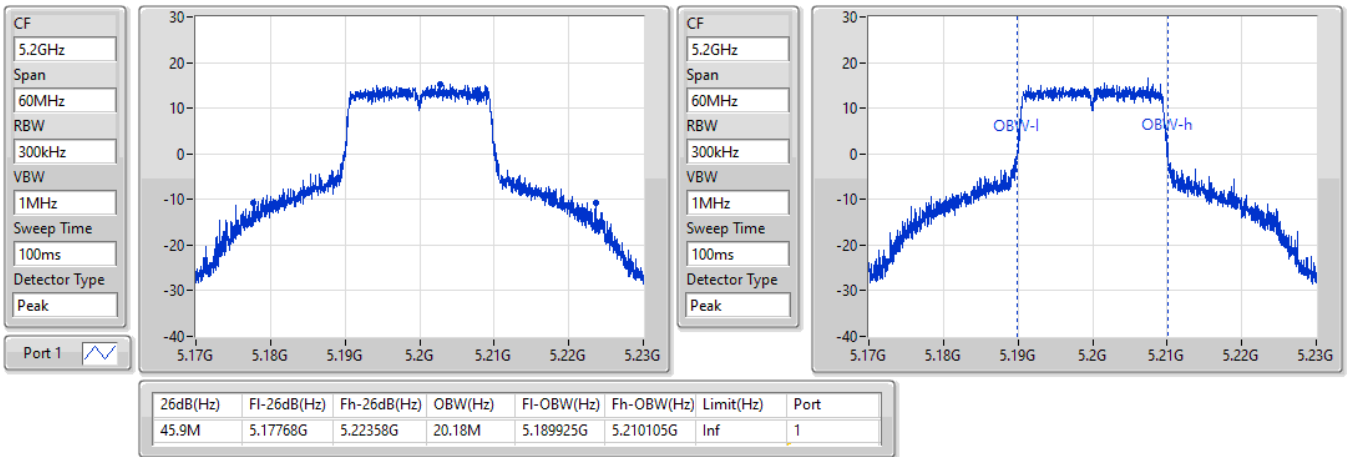


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

07/07/2022

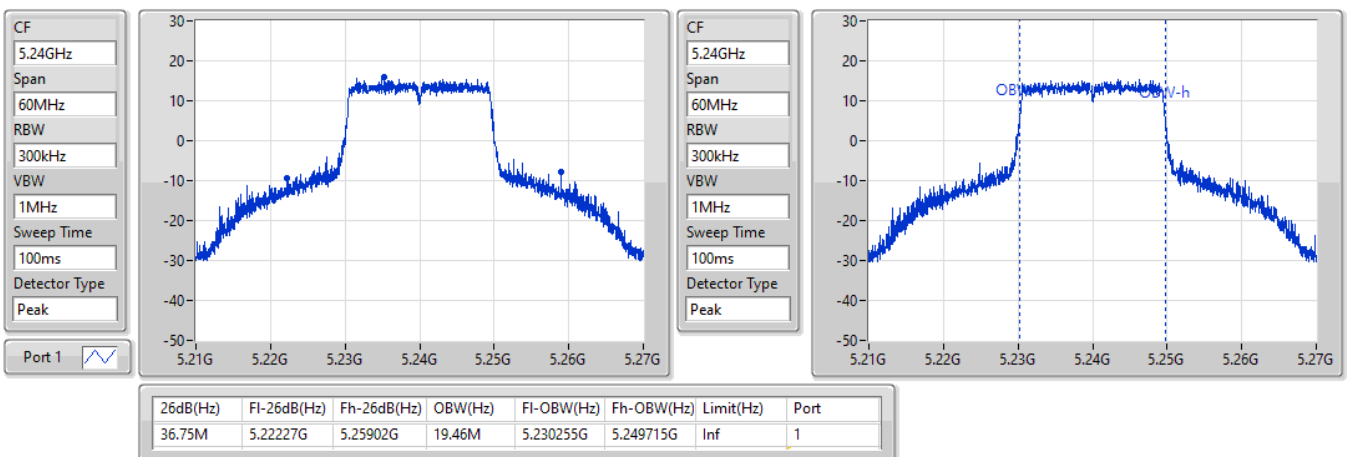


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

07/07/2022

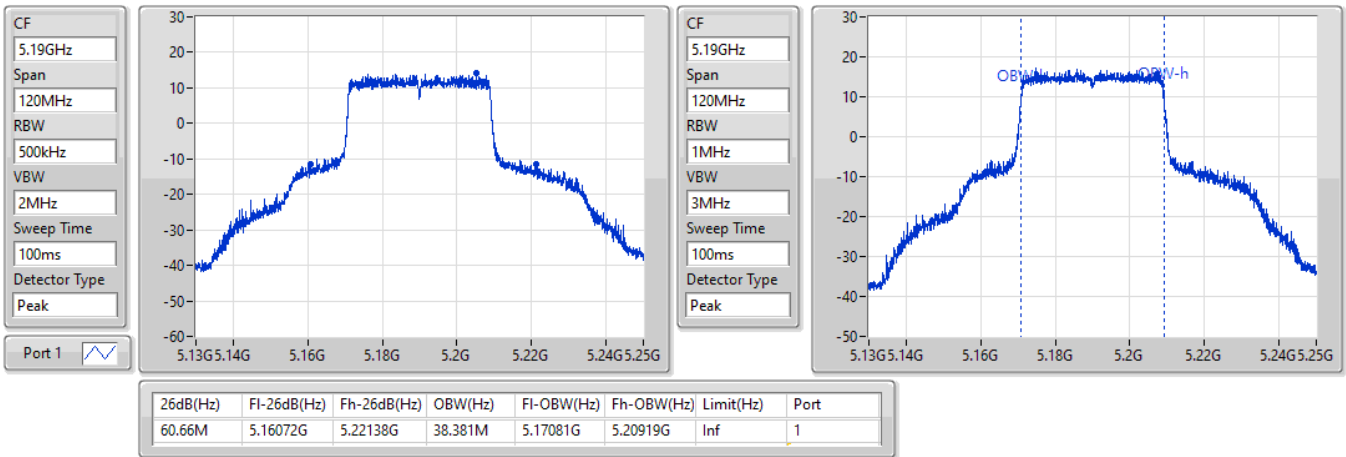


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

07/07/2022

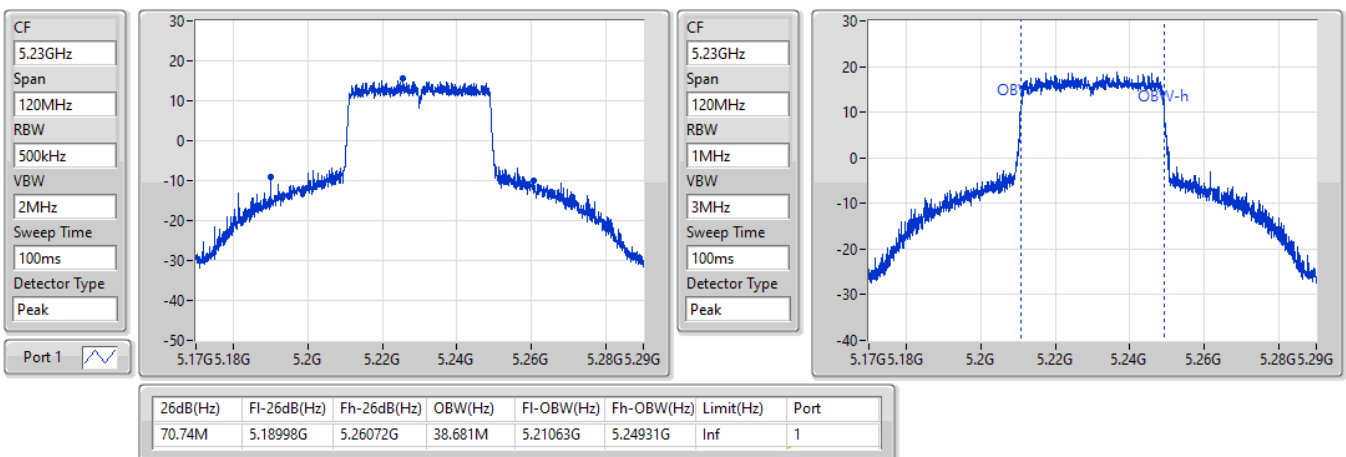


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

07/07/2022

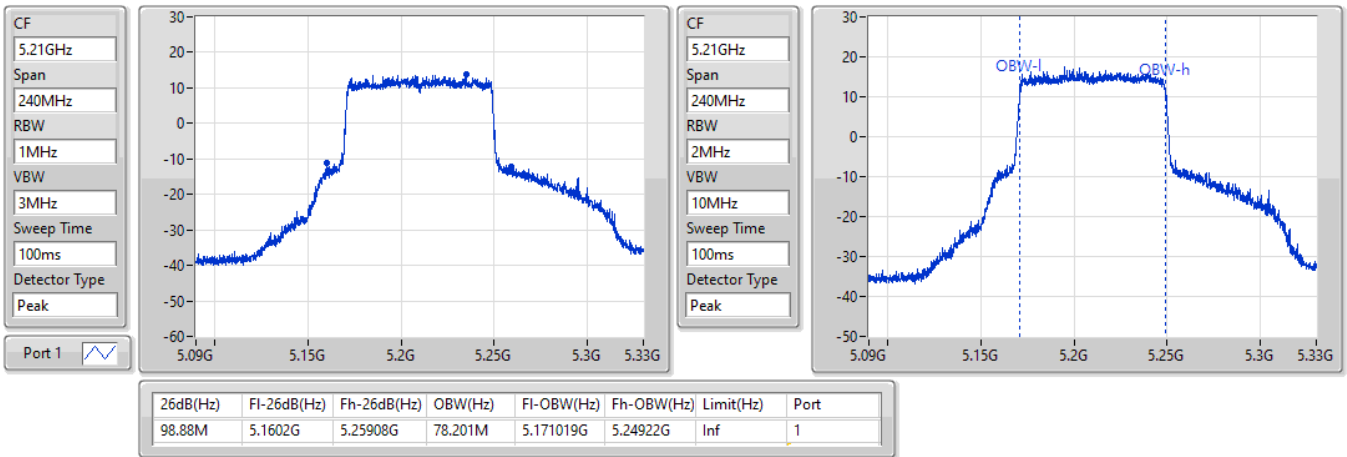


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

07/07/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	27.15M	17.691M	17M7D1D	22.71M	17.001M

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	27.15M	17.691M	26.73M	17.451M
5200MHz	Pass	Inf	24.69M	17.331M	24.15M	17.121M
5240MHz	Pass	Inf	23.82M	17.241M	22.71M	17.001M

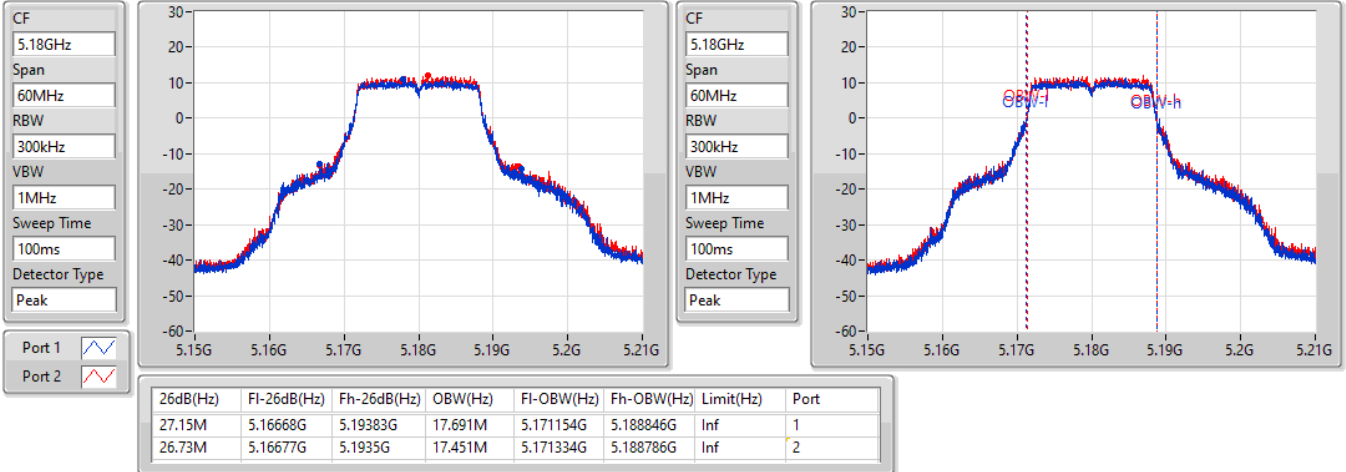
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

07/07/2022

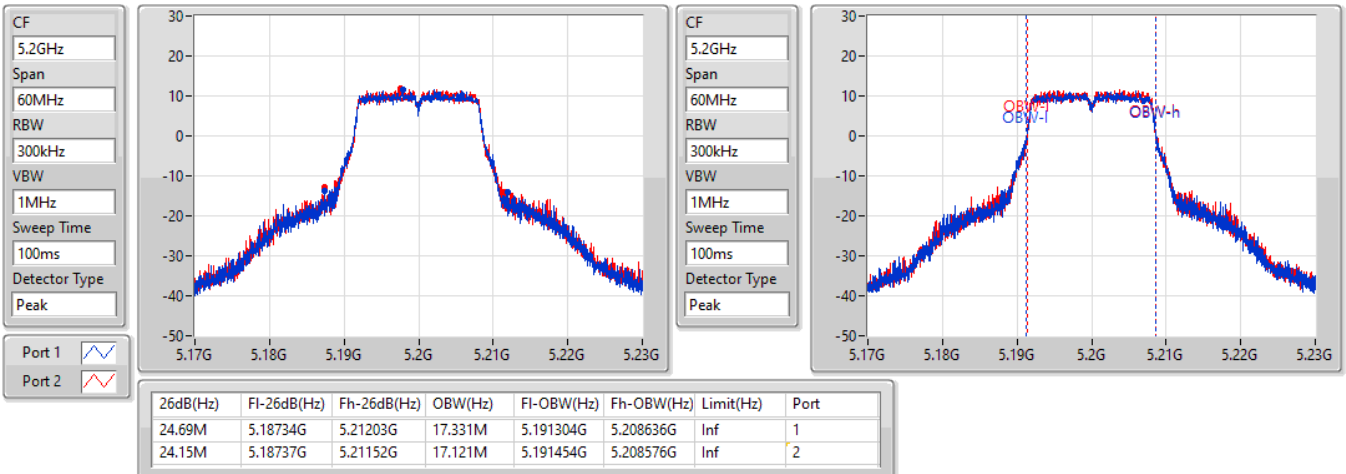


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

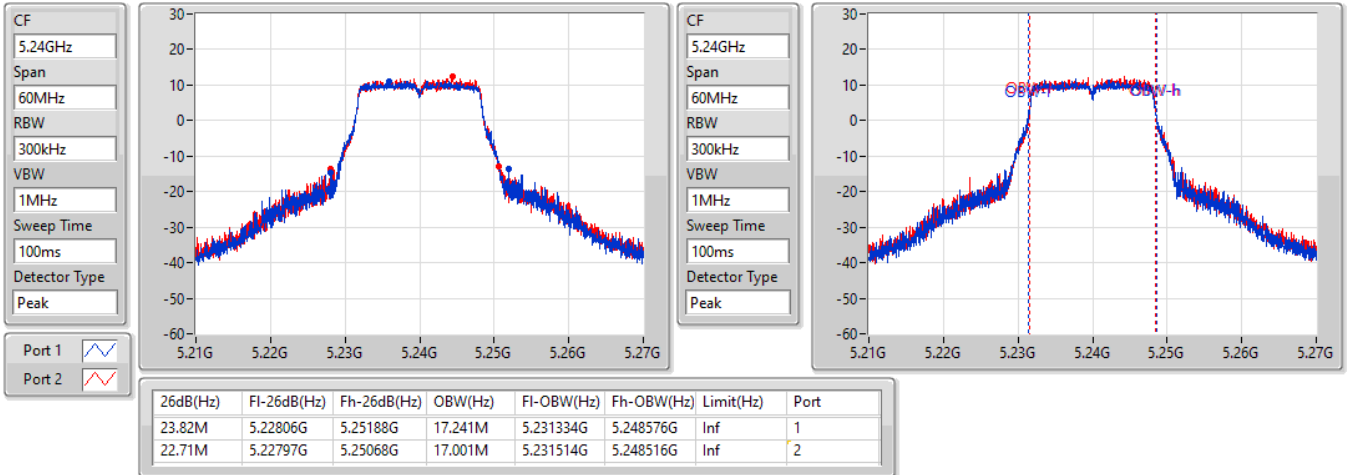
07/07/2022



802.11a_Nss1,(6Mbps)_2TX

5240MHz

07/07/2022



**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_Nss2,(MCS0)_2TX	29.67M	19.28M	19M3D1D	21.48M	19.13M
802.11ax HEW40_Nss2,(MCS0)_2TX	49.08M	38.201M	38M3D1D	40.86M	37.961M
802.11ax HEW80_Nss2,(MCS0)_2TX	87.96M	78.081M	78M1D1D	84M	77.961M

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)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	29.67M	19.28M	22.98M	19.25M
5200MHz	Pass	Inf	24.48M	19.22M	22.47M	19.19M
5240MHz	Pass	Inf	21.93M	19.16M	21.48M	19.13M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	49.08M	38.201M	44.94M	38.141M
5230MHz	Pass	Inf	40.86M	38.081M	41.04M	37.961M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84M	77.961M	87.96M	78.081M

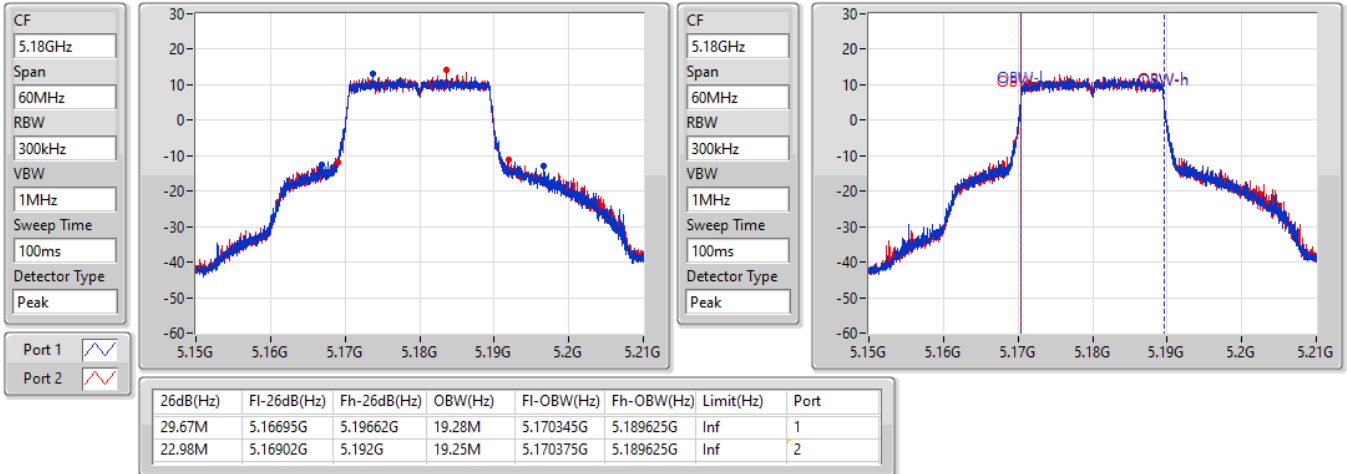
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

07/07/2022

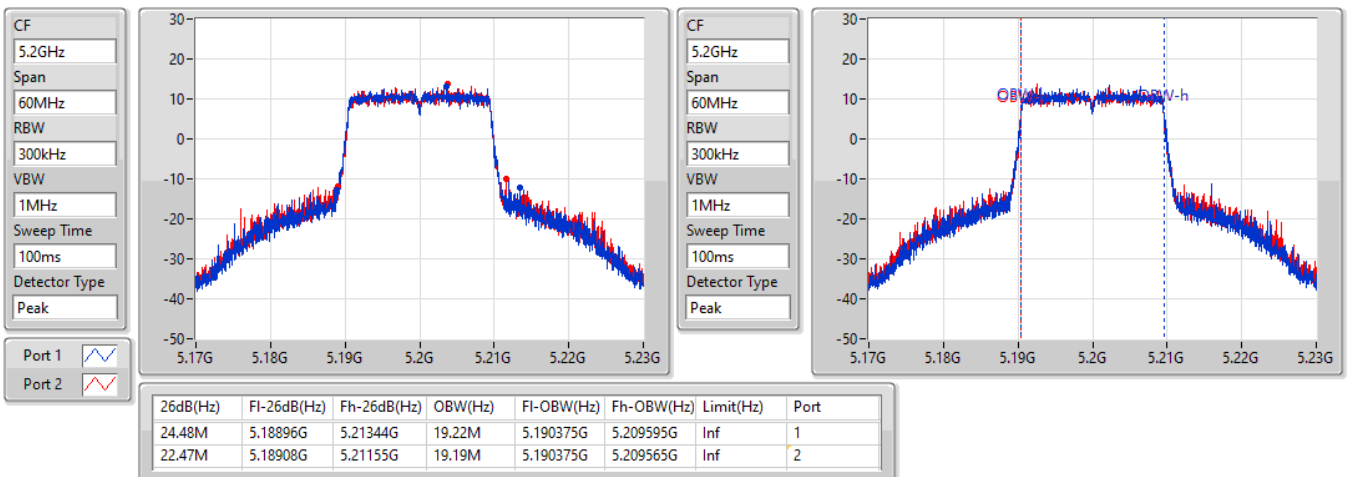


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

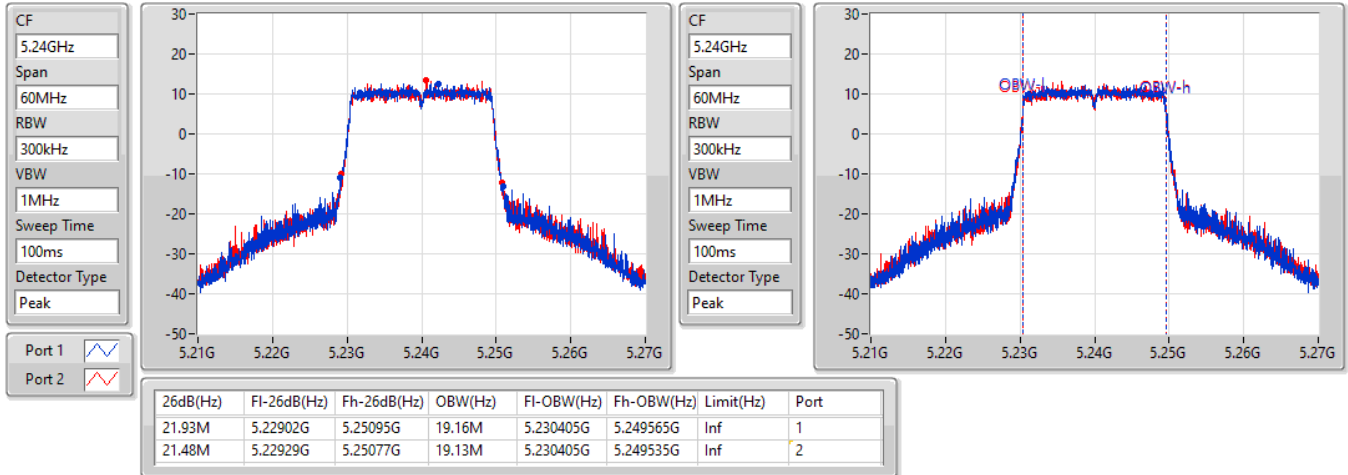
5200MHz

07/07/2022

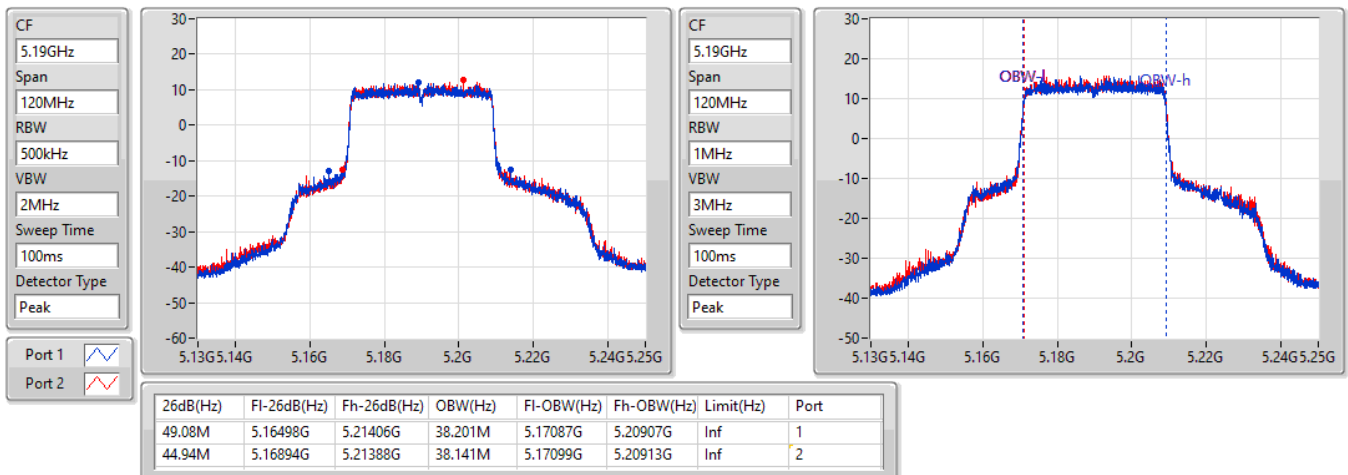


802.11ax HEW20_Nss2,(MCS0)_2TX
EBW
5240MHz

07/07/2022


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW
5190MHz

07/07/2022

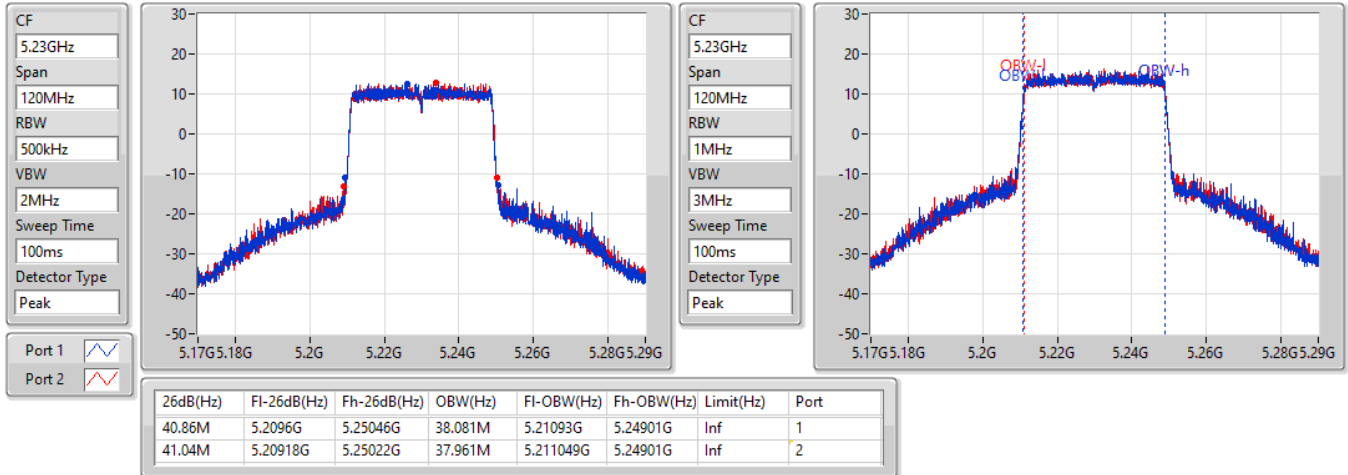


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

07/07/2022

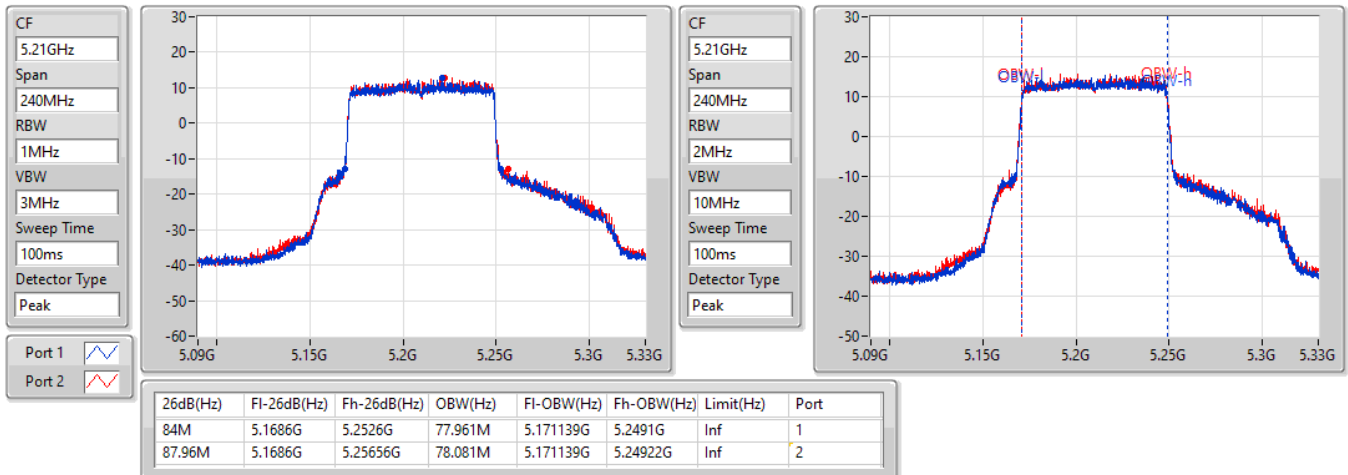


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

07/07/2022



**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	26.16M	17.481M	17M5D1D	21.54M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	27.81M	19.28M	19M3D1D	21.54M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	48.66M	38.261M	38M3D1D	40.5M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	87.48M	78.081M	78M1D1D	84.48M	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)	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	23.37M	17.481M	23.91M	17.391M	26.16M	17.331M	25.23M	17.331M
5200MHz	Pass	Inf	21.9M	17.091M	21.93M	17.061M	21.78M	17.001M	21.78M	16.942M
5240MHz	Pass	Inf	21.72M	17.091M	21.66M	17.121M	21.69M	17.001M	21.54M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	26.7M	19.25M	27M	19.28M	27.81M	19.25M	23.13M	19.25M
5200MHz	Pass	Inf	21.84M	19.16M	21.66M	19.1M	21.75M	19.1M	21.69M	19.1M
5240MHz	Pass	Inf	21.93M	19.13M	21.54M	19.1M	21.69M	19.1M	21.69M	19.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.52M	38.141M	48.66M	38.141M	44.58M	38.141M	46.5M	38.261M
5230MHz	Pass	Inf	40.68M	37.901M	40.68M	37.901M	40.5M	37.901M	40.62M	37.961M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.52M	78.081M	87.48M	77.961M	84.48M	77.961M	87.48M	77.841M

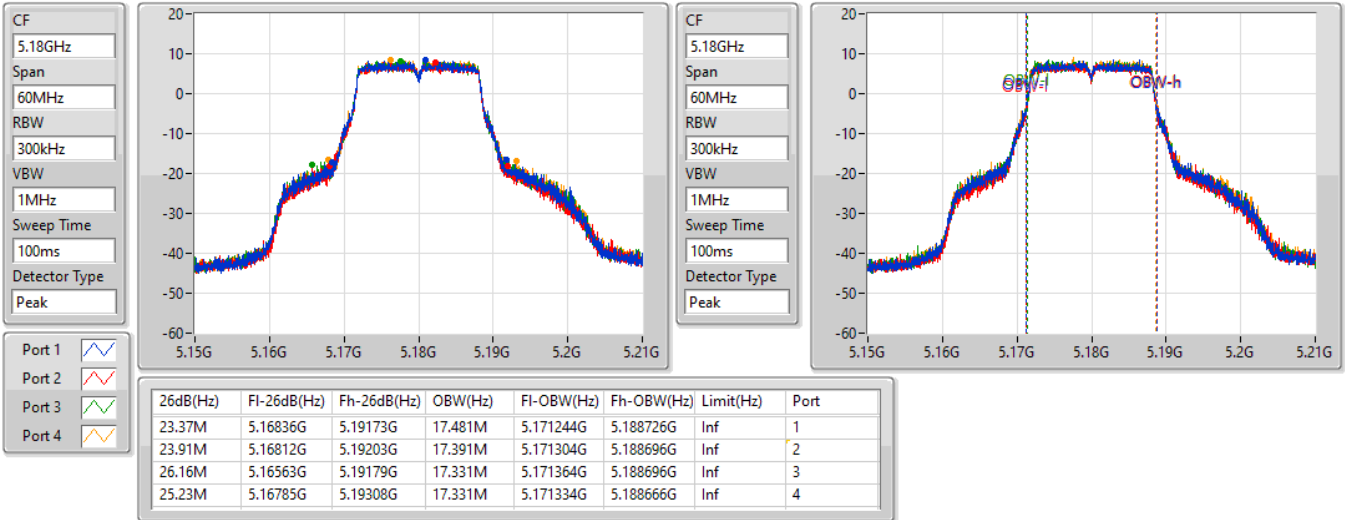
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

07/07/2022

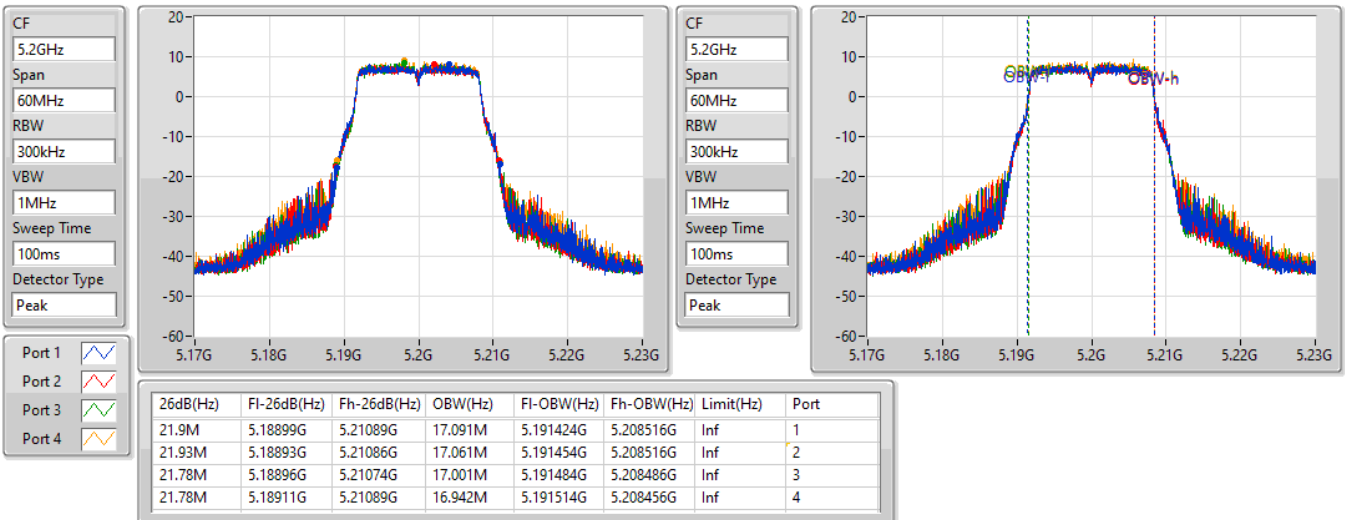


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

07/07/2022

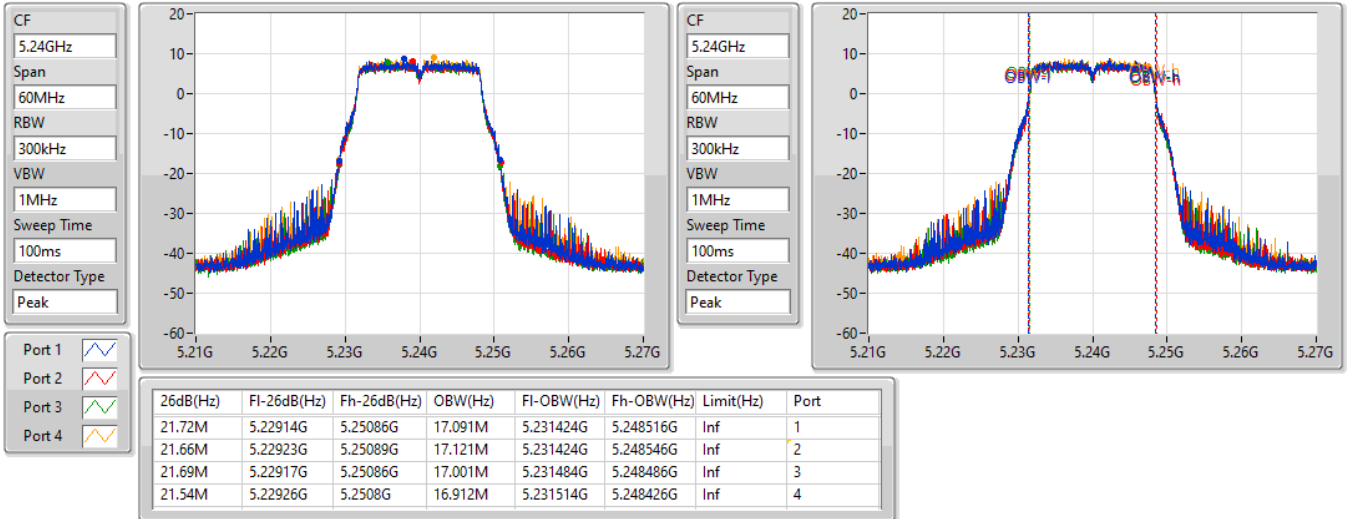


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

07/07/2022

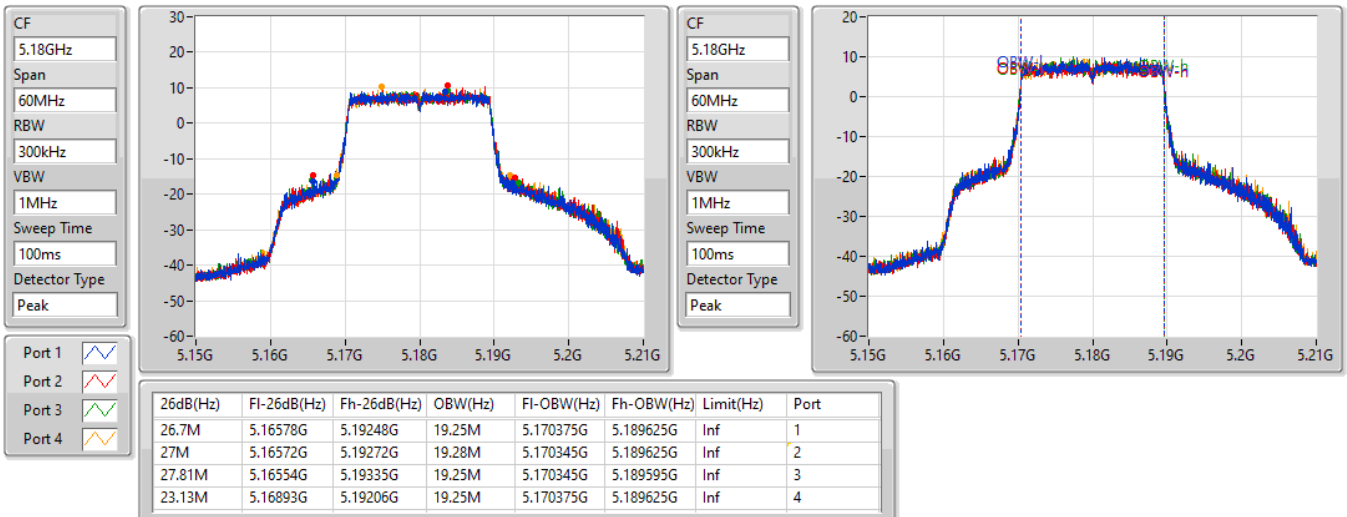


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

07/07/2022

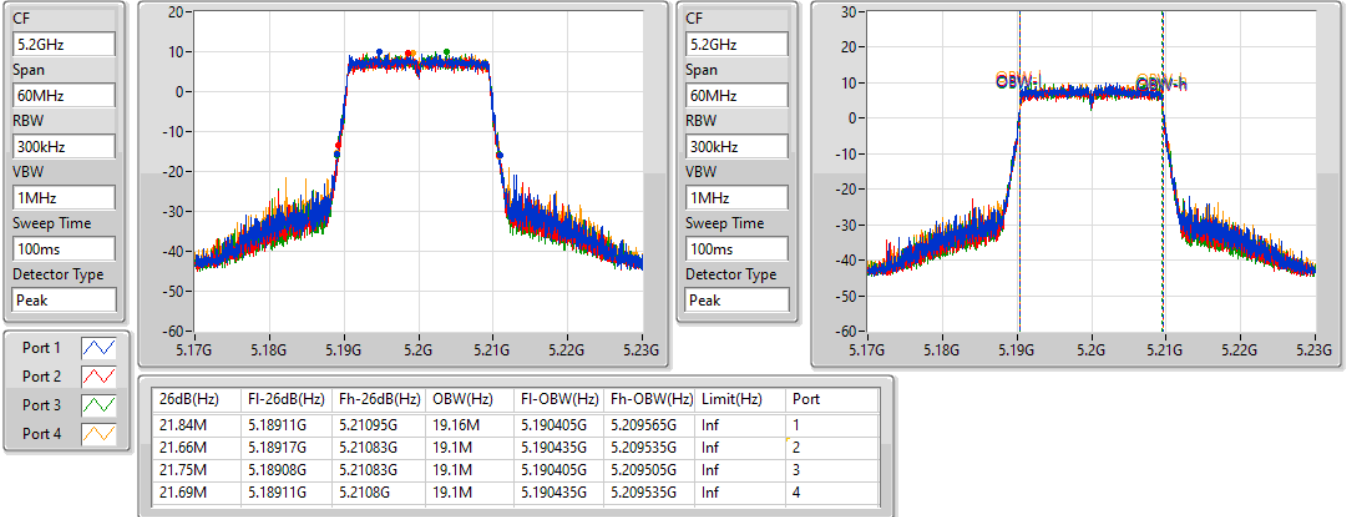


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

07/07/2022

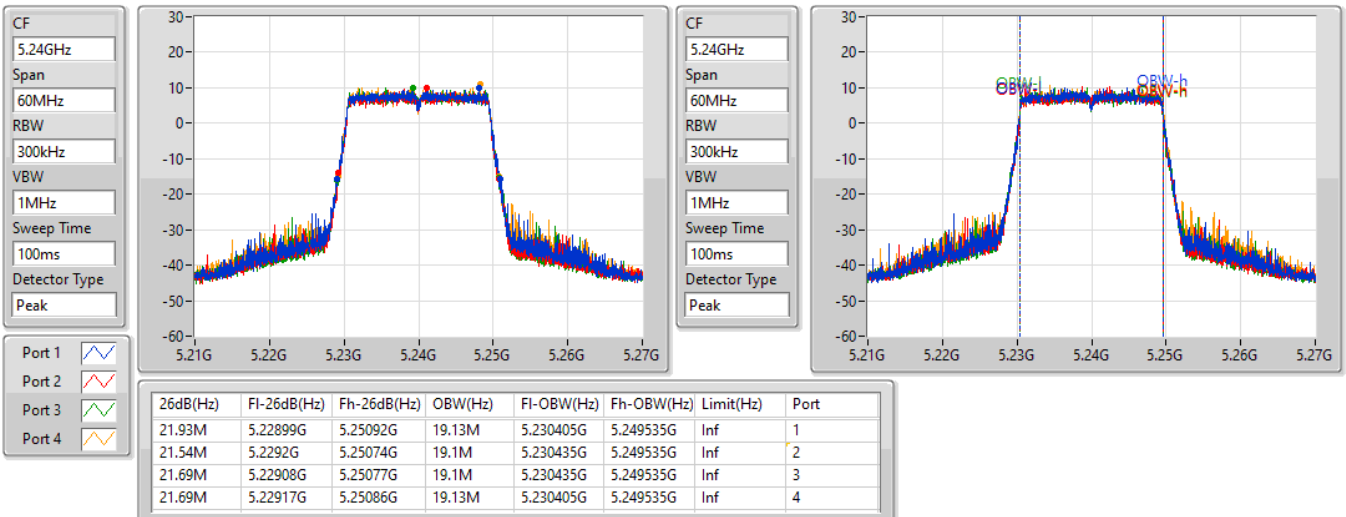


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

07/07/2022

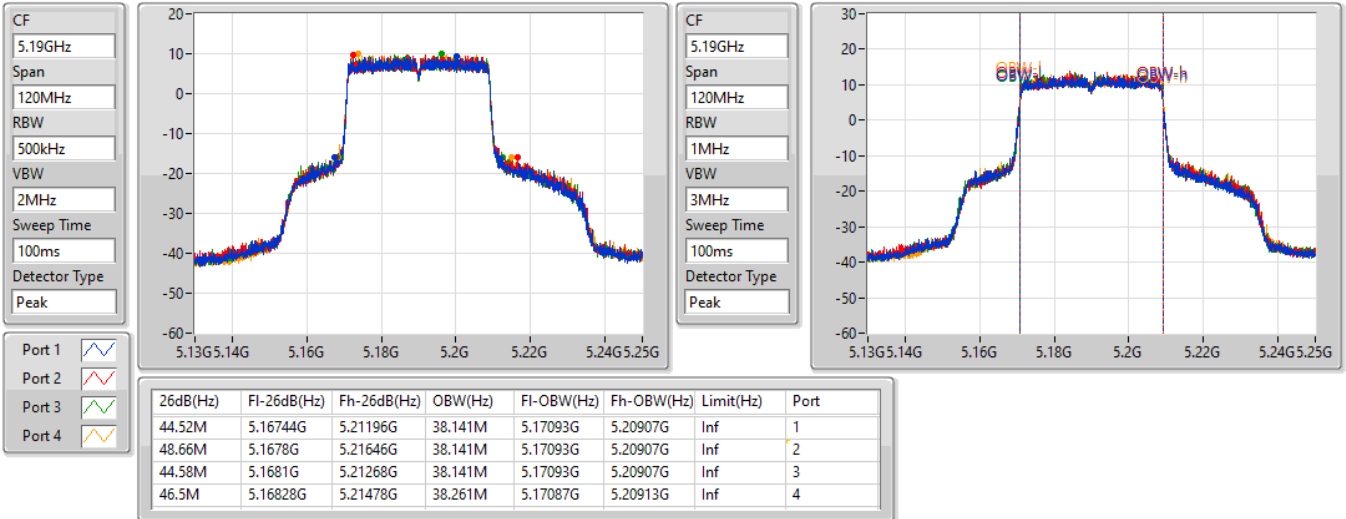


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

07/07/2022

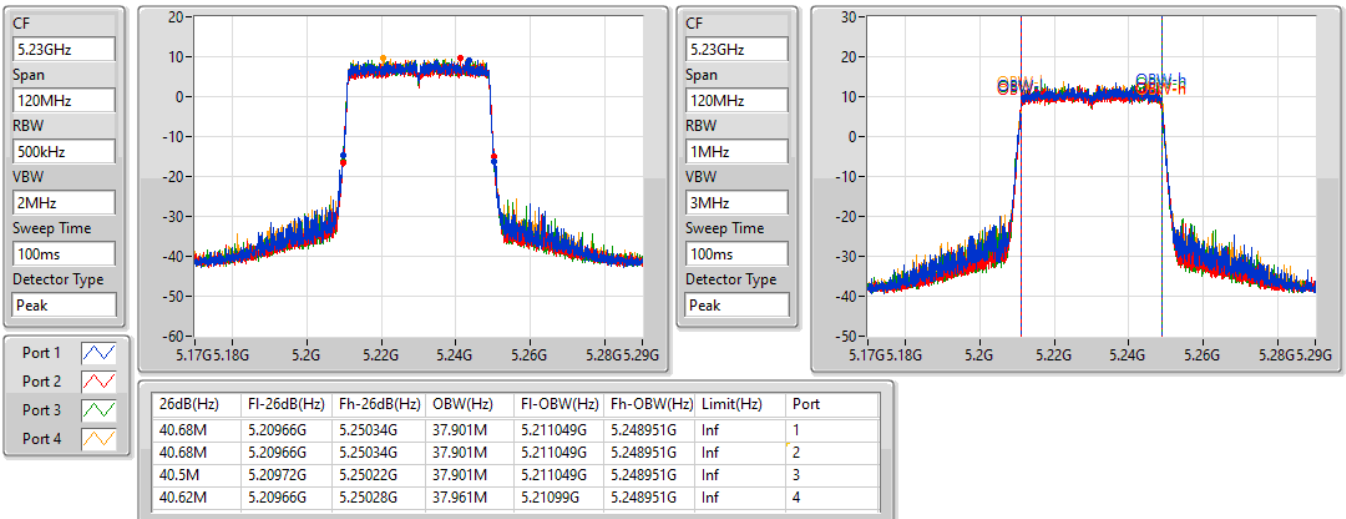


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

07/07/2022

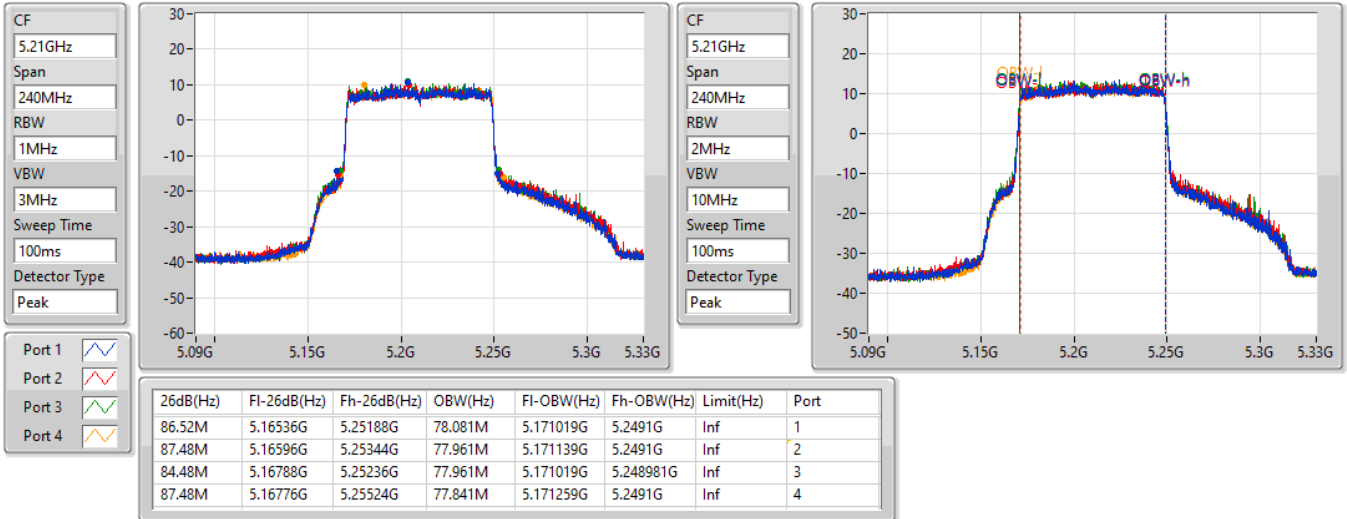


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

07/07/2022



**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_Nss4,(MCS0)_4TX	26.97M	19.28M	19M3D1D	21.6M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	45.24M	38.201M	38M3D1D	40.44M	37.901M
802.11ax HEW80_Nss4,(MCS0)_4TX	92.16M	78.201M	78M3D1D	83.28M	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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	26.97M	19.28M	24.57M	19.28M	26.1M	19.22M	26.49M	19.25M
5200MHz	Pass	Inf	21.75M	19.13M	21.6M	19.13M	21.66M	19.07M	21.84M	19.1M
5240MHz	Pass	Inf	21.87M	19.1M	22.02M	19.13M	21.66M	19.1M	21.66M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.24M	38.141M	43.44M	38.201M	43.38M	38.141M	42.84M	38.201M
5230MHz	Pass	Inf	43.98M	37.901M	40.5M	37.901M	40.62M	37.961M	40.44M	37.901M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	92.16M	77.841M	90.24M	77.841M	83.28M	78.201M	86.04M	77.841M

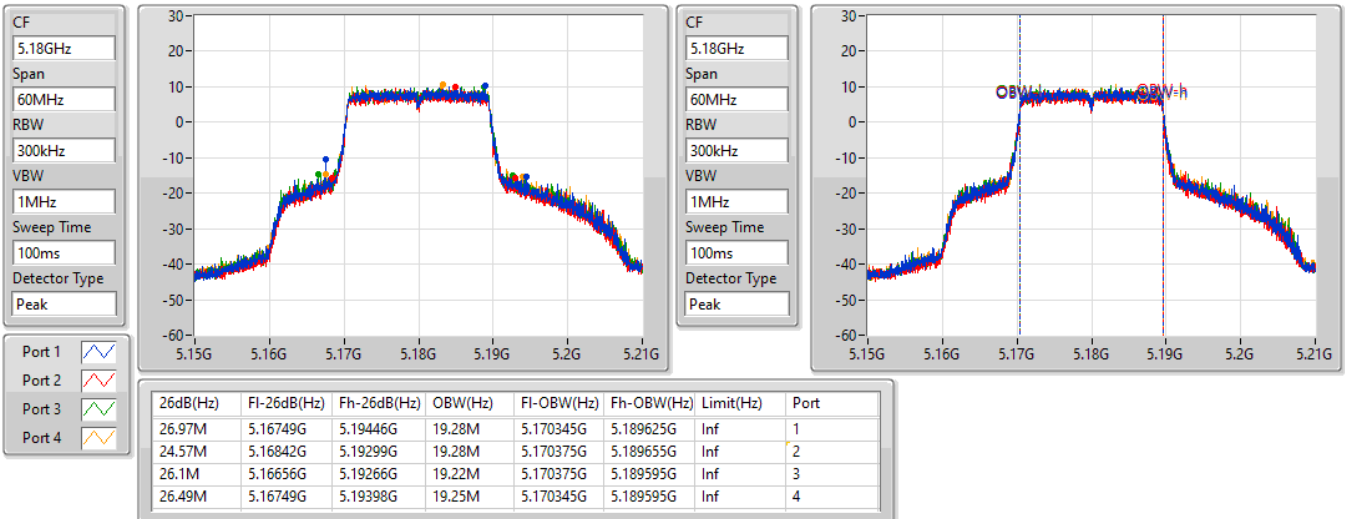
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5180MHz

07/07/2022

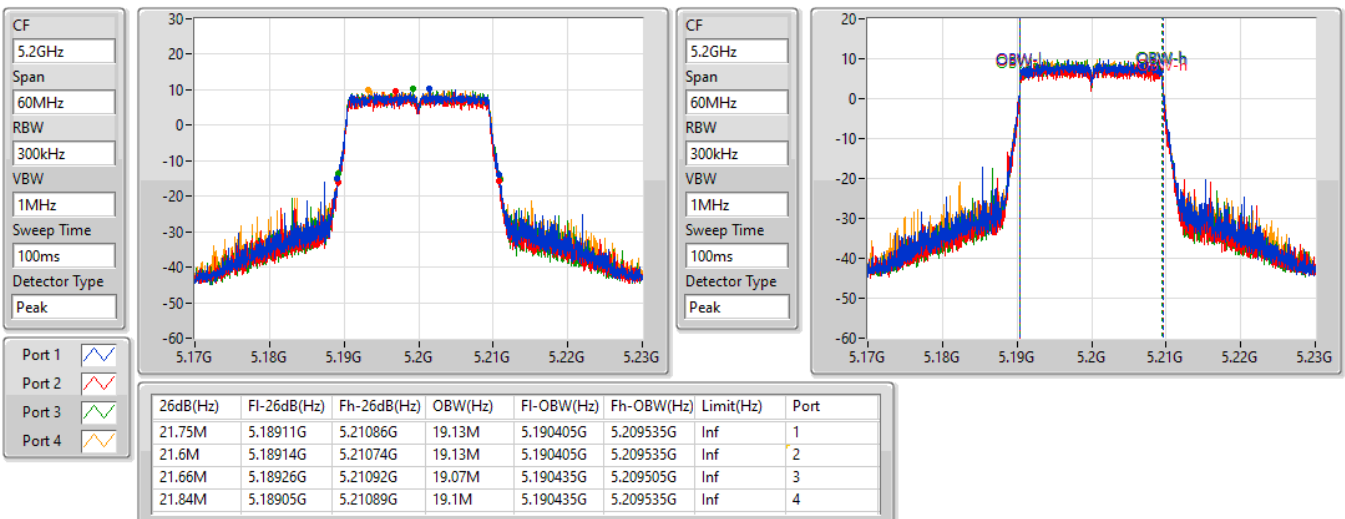


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5200MHz

07/07/2022

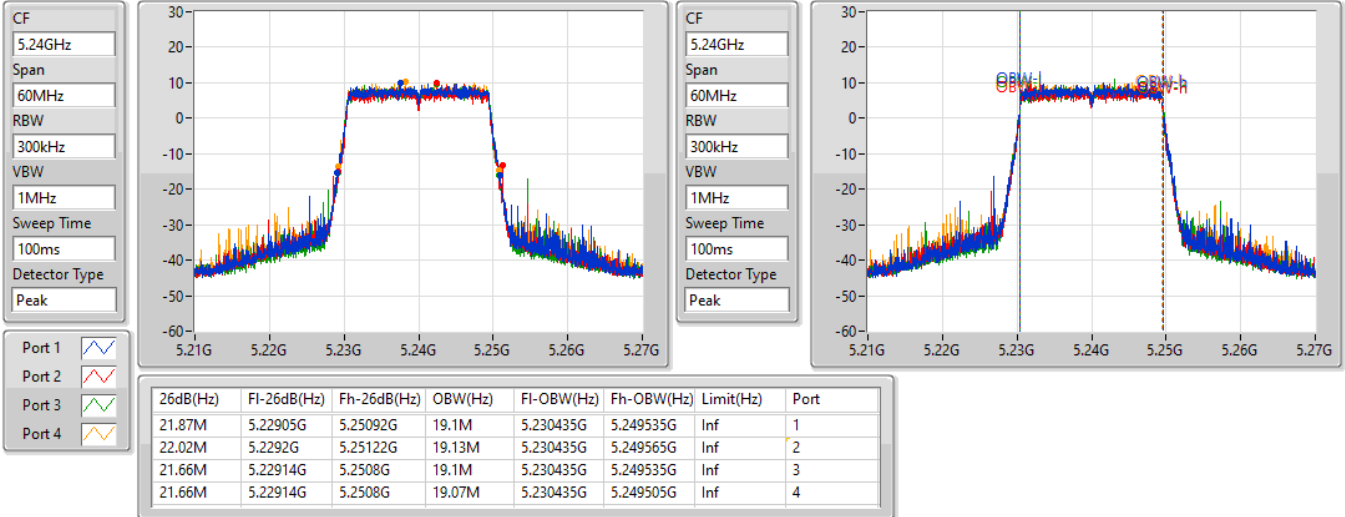


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5240MHz

07/07/2022

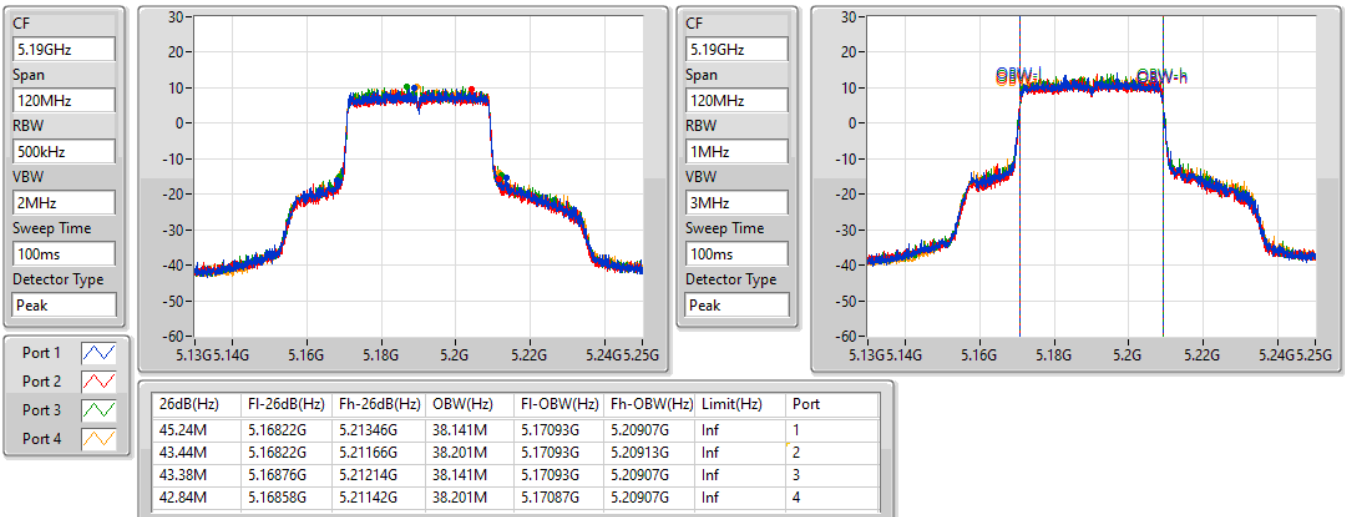


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5190MHz

07/07/2022

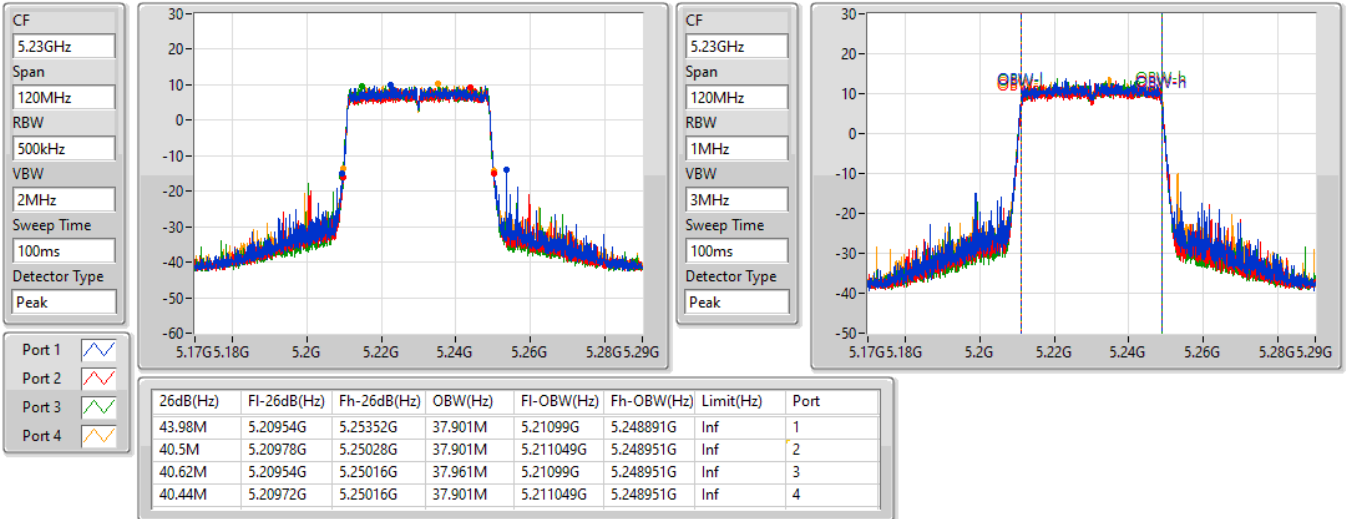


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5230MHz

07/07/2022

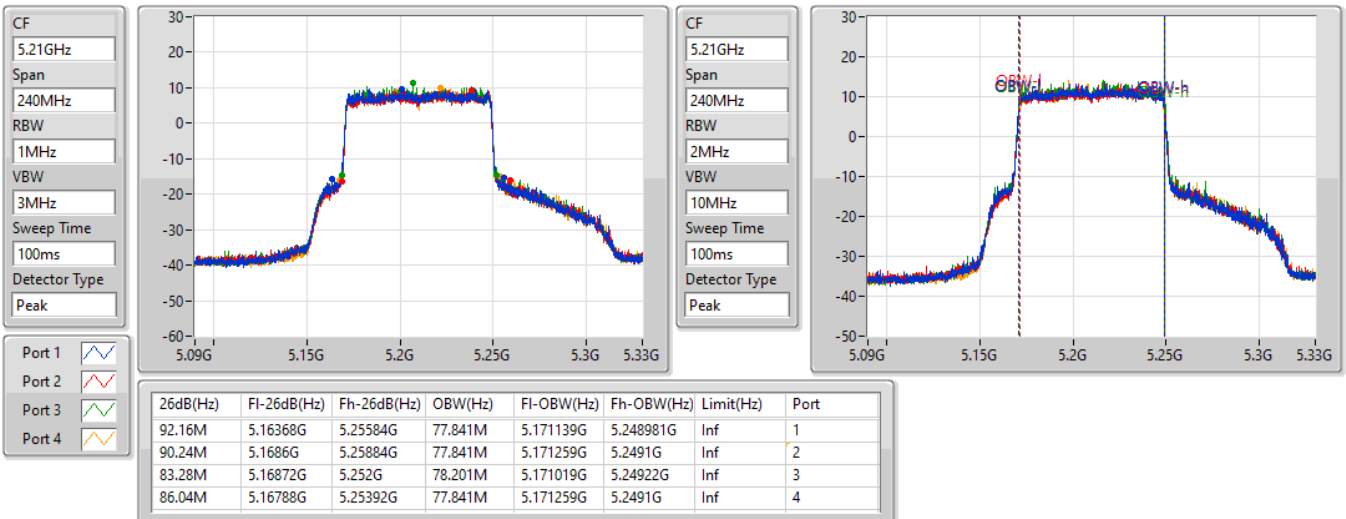


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5210MHz

07/07/2022



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	26.85M	17.421M	17M5D1D	21.48M	17.121M
802.11ax HEW20_Nss1,(MCS0)_1TX	28.83M	19.31M	19M4D1D	21.54M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	47.4M	38.201M	38M3D1D	40.5M	37.961M
802.11ax HEW80_Nss1,(MCS0)_1TX	88.08M	77.961M	78M0D1D	88.08M	77.961M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	26.85M	17.421M
5200MHz	Pass	Inf	22.59M	17.121M
5240MHz	Pass	Inf	21.48M	17.121M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.83M	19.31M
5200MHz	Pass	Inf	21.96M	19.13M
5240MHz	Pass	Inf	21.54M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	47.4M	38.201M
5230MHz	Pass	Inf	40.5M	37.961M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	88.08M	77.961M

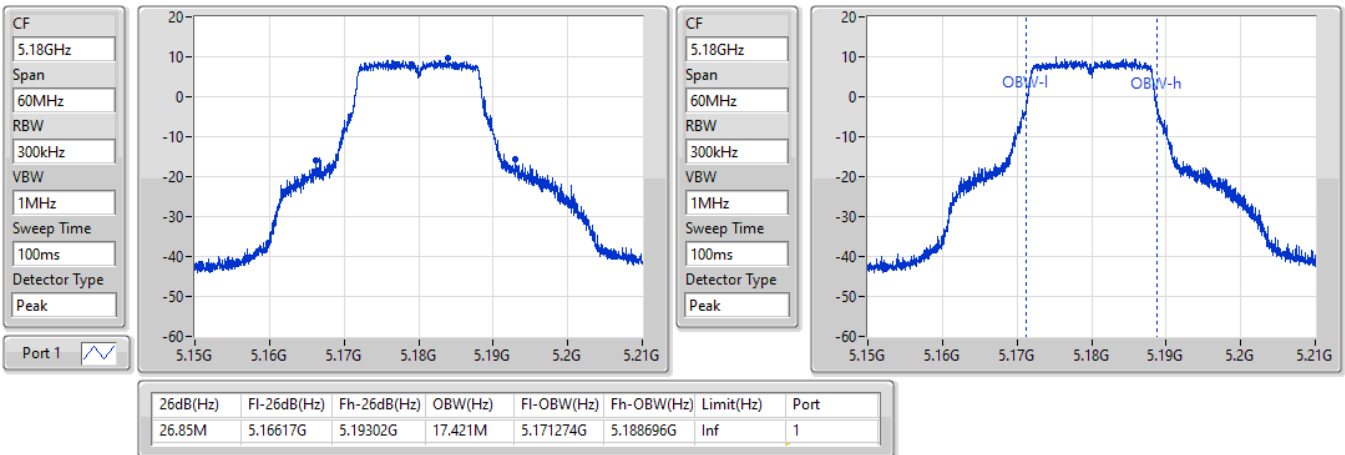
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

09/07/2022

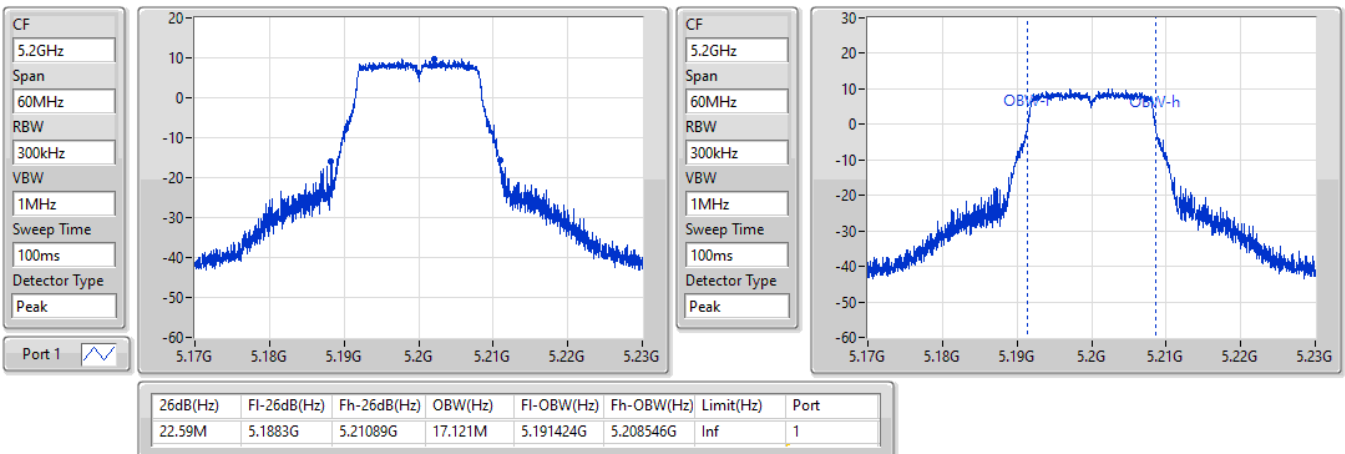


802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

09/07/2022

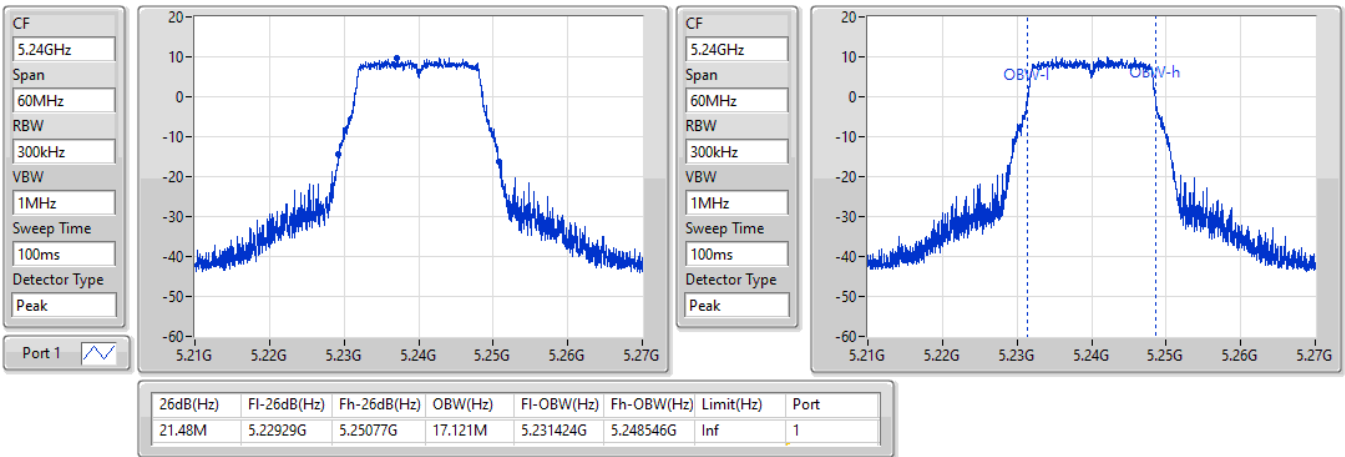


802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

09/07/2022

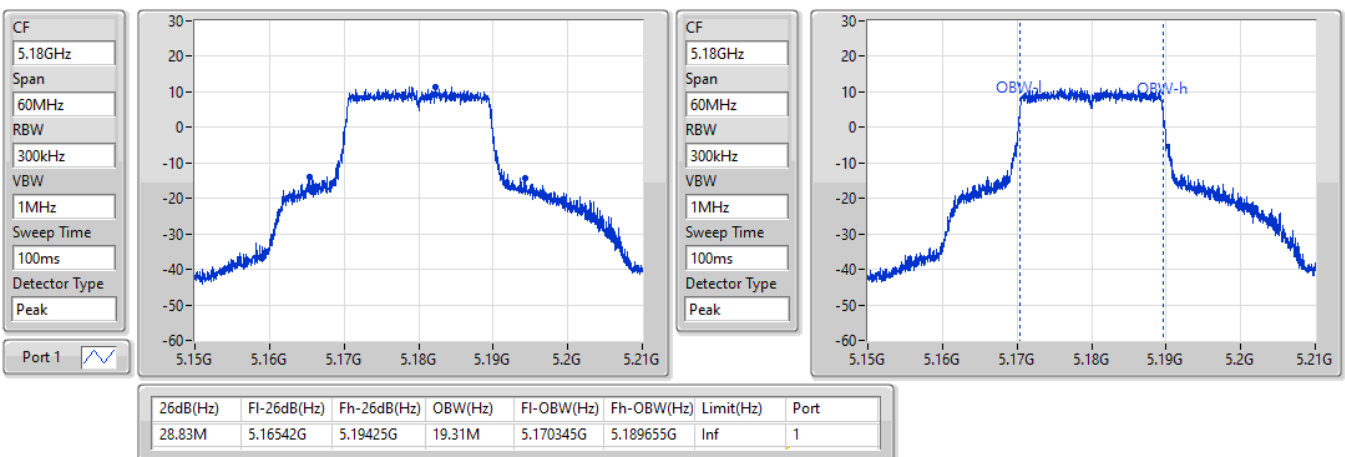


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

09/07/2022

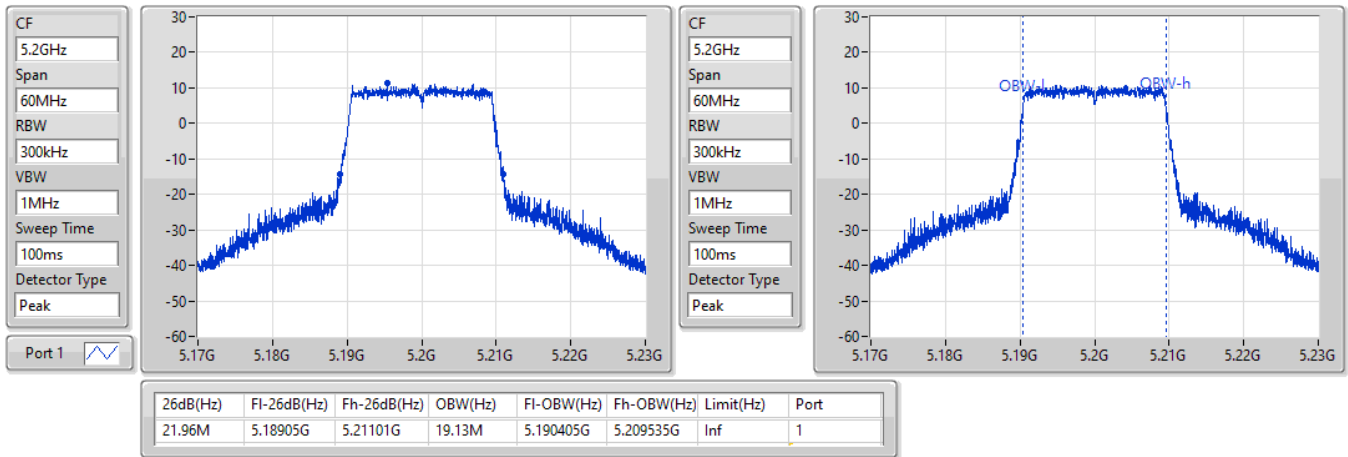


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

09/07/2022

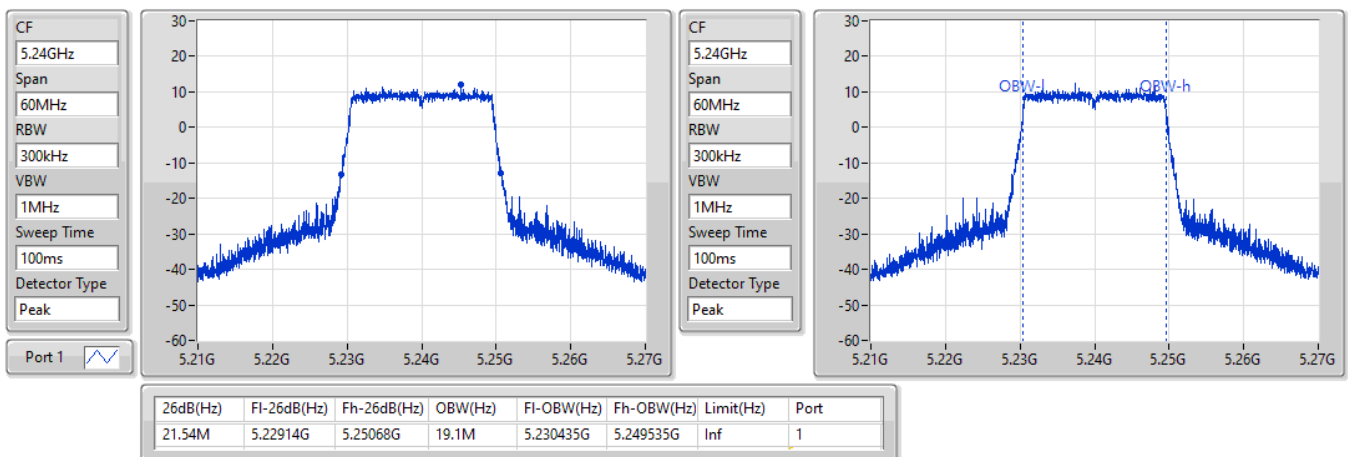


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

09/07/2022

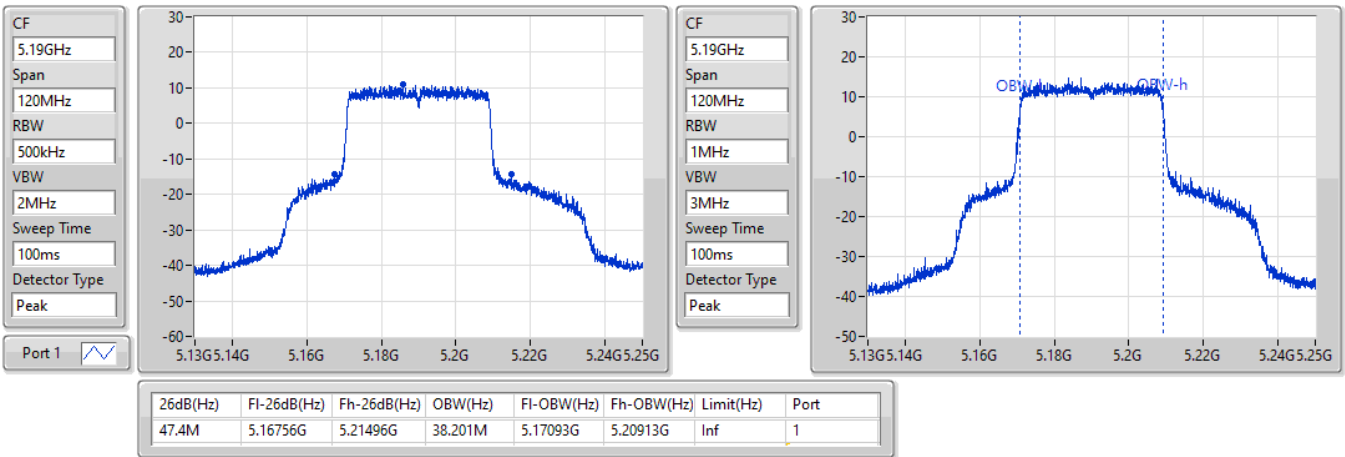


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

09/07/2022

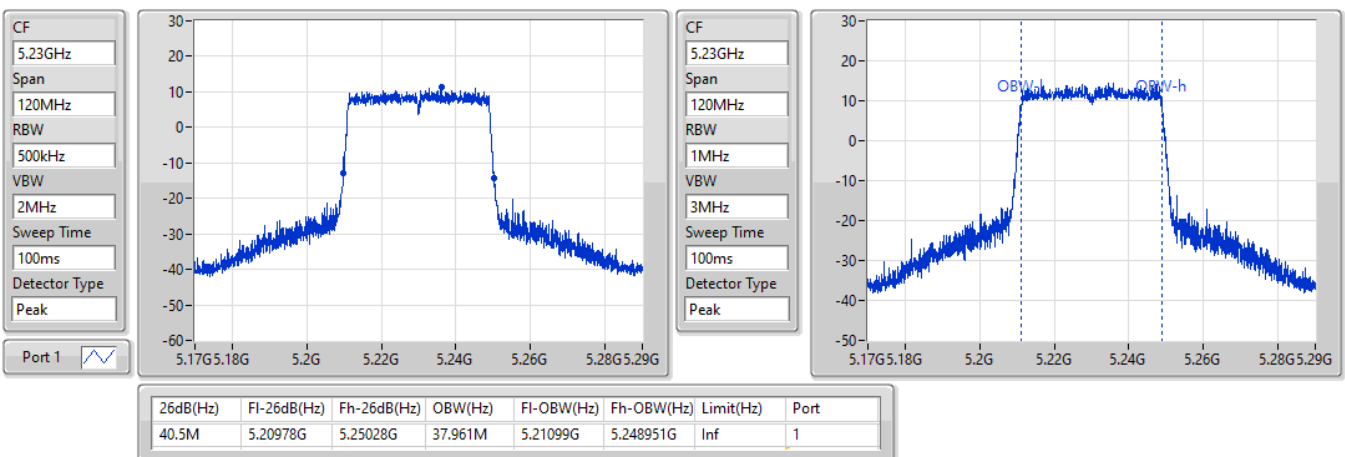


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

09/07/2022

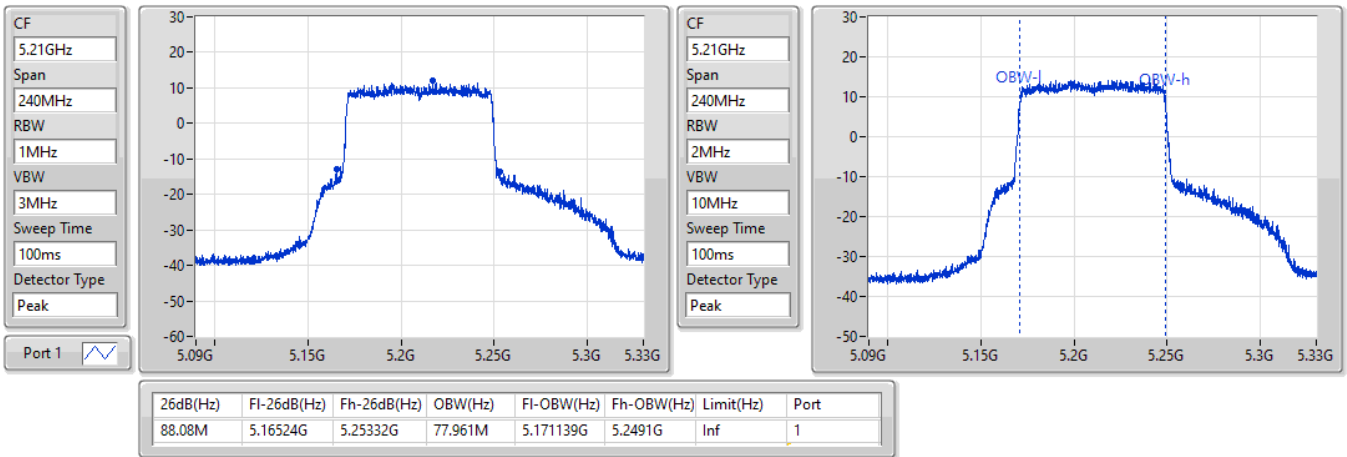


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

09/07/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	25.11M	17.391M	17M4D1D	21.24M	16.882M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.11M	17.391M	24.45M	17.301M
5200MHz	Pass	Inf	21.51M	17.091M	21.24M	16.882M
5240MHz	Pass	Inf	21.57M	17.091M	21.6M	16.912M

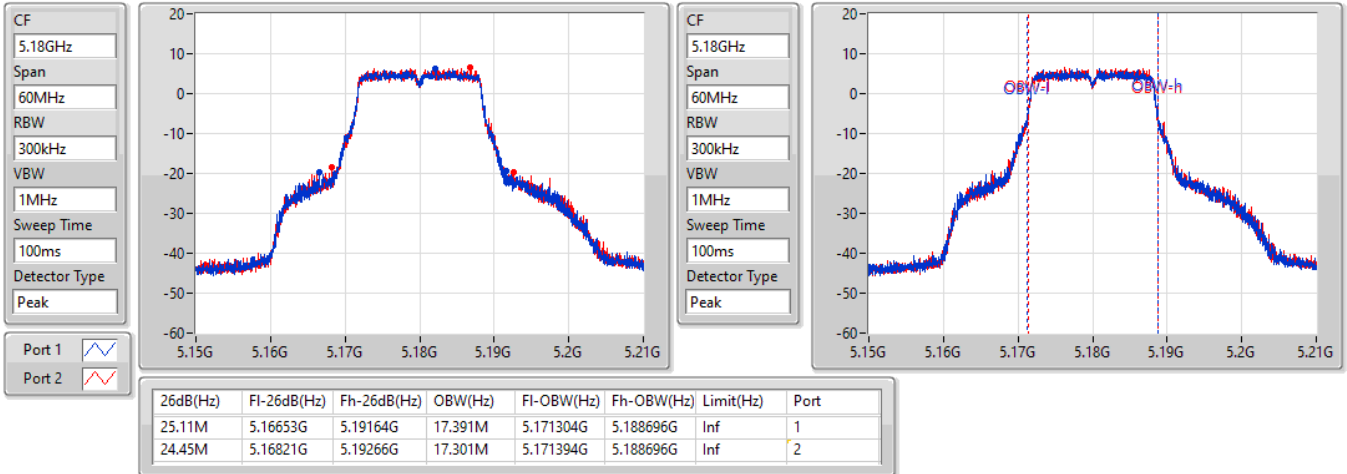
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

08/07/2022

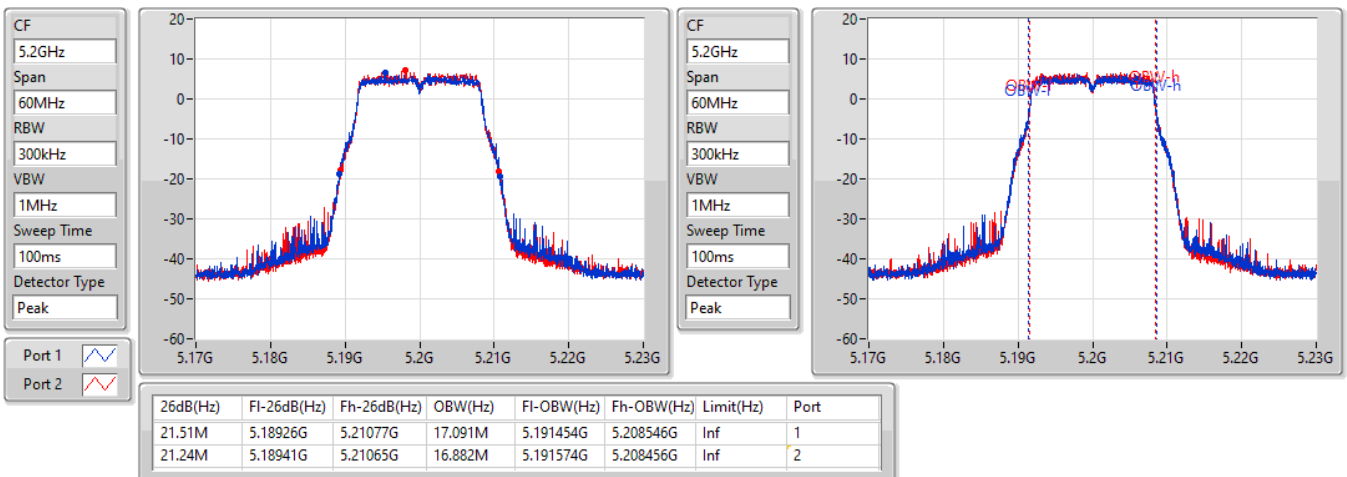


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

08/07/2022

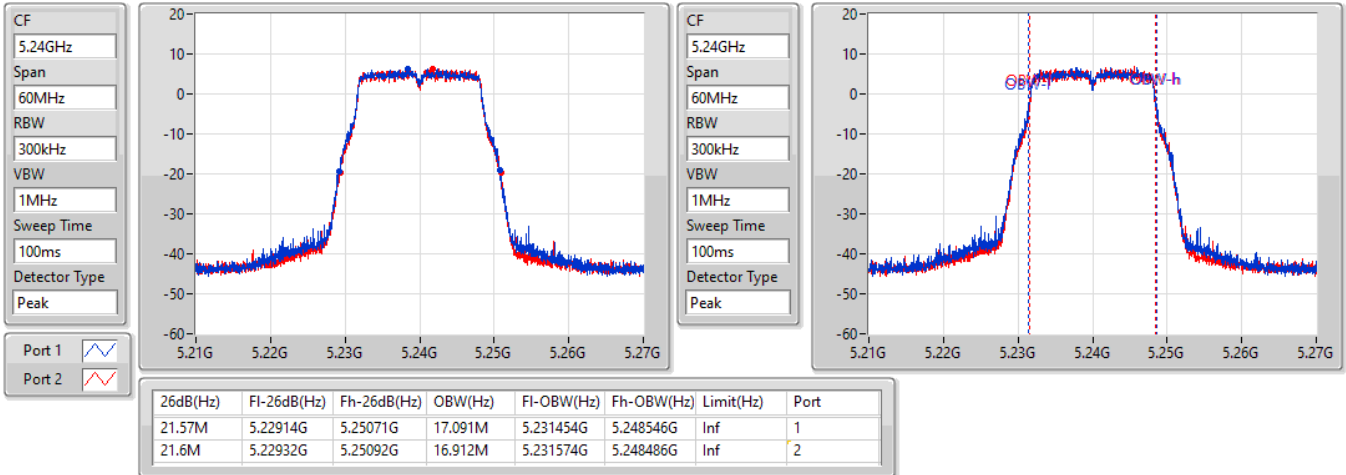


802.11a_Nss1,(6Mbps)_2TX

5240MHz

EBW

08/07/2022



**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_Nss2,(MCS0)_2TX	28.41M	19.28M	19M3D1D	21.75M	19.1M
802.11ax HEW40_Nss2,(MCS0)_2TX	50.34M	38.201M	38M3D1D	40.56M	37.961M
802.11ax HEW80_Nss2,(MCS0)_2TX	90M	78.081M	78M1D1D	84.36M	77.961M

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)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	28.41M	19.28M	25.89M	19.25M
5200MHz	Pass	Inf	21.78M	19.13M	21.75M	19.1M
5240MHz	Pass	Inf	21.78M	19.13M	21.84M	19.1M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	50.34M	38.201M	45.24M	38.201M
5230MHz	Pass	Inf	40.56M	37.961M	40.56M	37.961M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.36M	77.961M	90M	78.081M

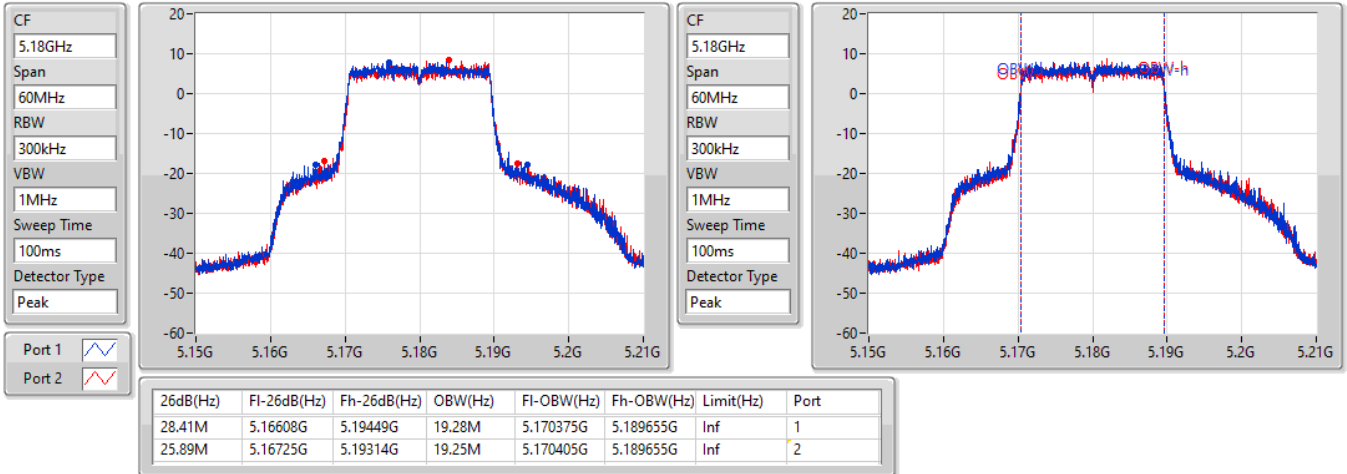
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

08/07/2022

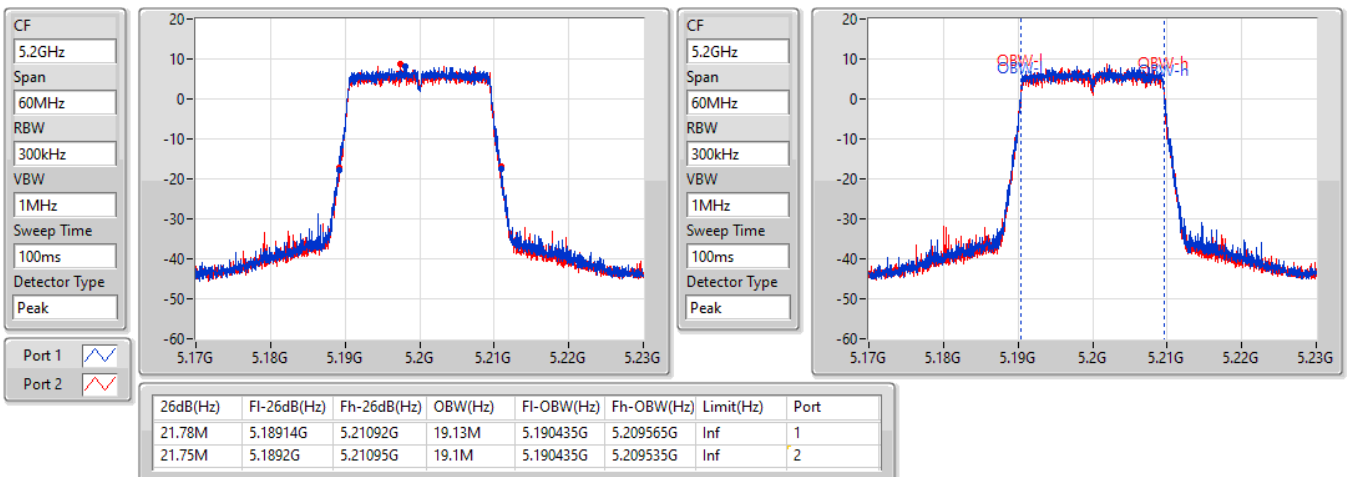


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5200MHz

08/07/2022

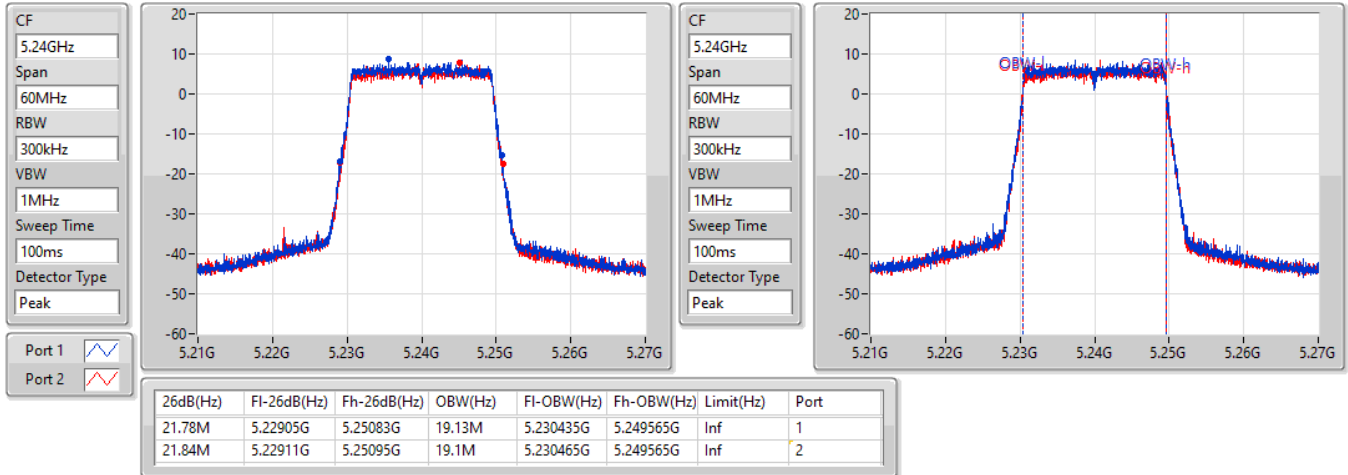


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5240MHz

08/07/2022

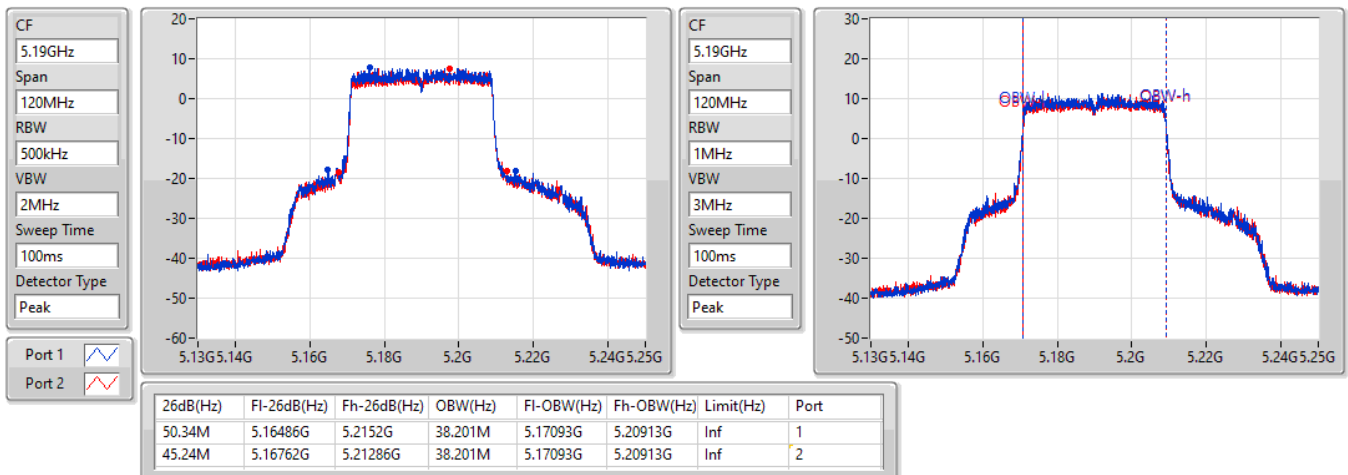


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5190MHz

08/07/2022

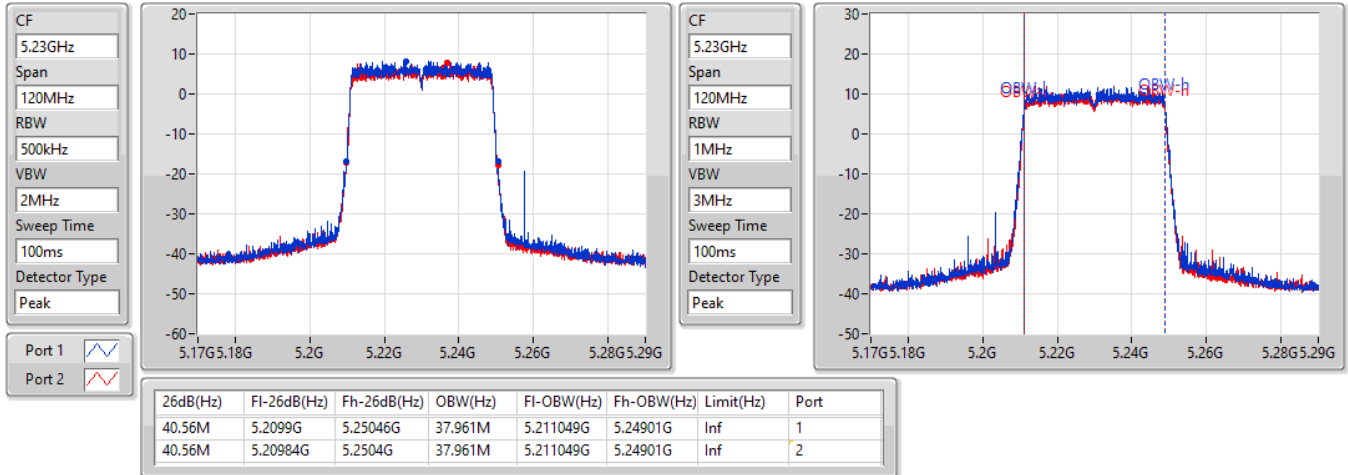


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

08/07/2022

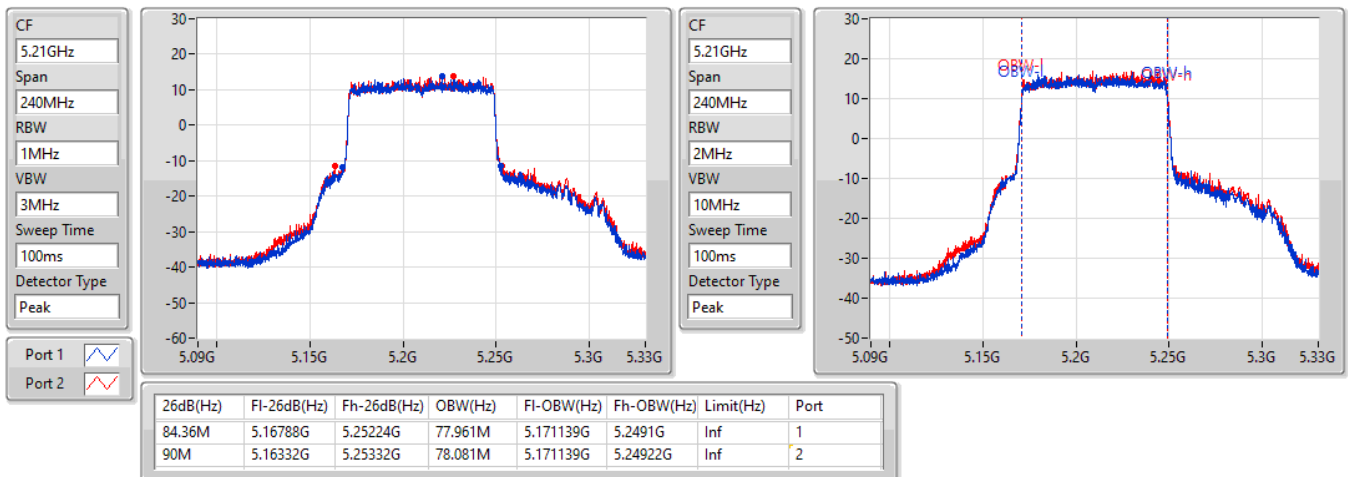


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

08/07/2022



**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	25.44M	17.421M	17M5D1D	21.36M	16.942M
802.11ax HEW20_Nss1,(MCS0)_4TX	27.36M	19.28M	19M3D1D	21.48M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	45.84M	38.201M	38M3D1D	40.38M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	89.52M	78.081M	78M1D1D	87.24M	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)	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	24M	17.421M	23.61M	17.421M	24.9M	17.331M	25.44M	17.271M
5200MHz	Pass	Inf	21.78M	17.121M	21.57M	17.091M	21.69M	16.972M	21.63M	16.942M
5240MHz	Pass	Inf	21.69M	17.091M	21.78M	17.091M	21.36M	16.972M	21.51M	16.942M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	26.49M	19.28M	25.47M	19.22M	24.78M	19.25M	27.36M	19.25M
5200MHz	Pass	Inf	21.93M	19.13M	21.48M	19.1M	21.66M	19.1M	21.54M	19.1M
5240MHz	Pass	Inf	21.87M	19.1M	21.69M	19.13M	21.57M	19.13M	21.63M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.84M	38.201M	43.62M	38.141M	44.34M	38.141M	44.1M	38.141M
5230MHz	Pass	Inf	40.56M	37.901M	40.5M	37.961M	40.56M	37.961M	40.38M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87.36M	78.081M	87.24M	77.961M	87.24M	77.961M	89.52M	77.841M

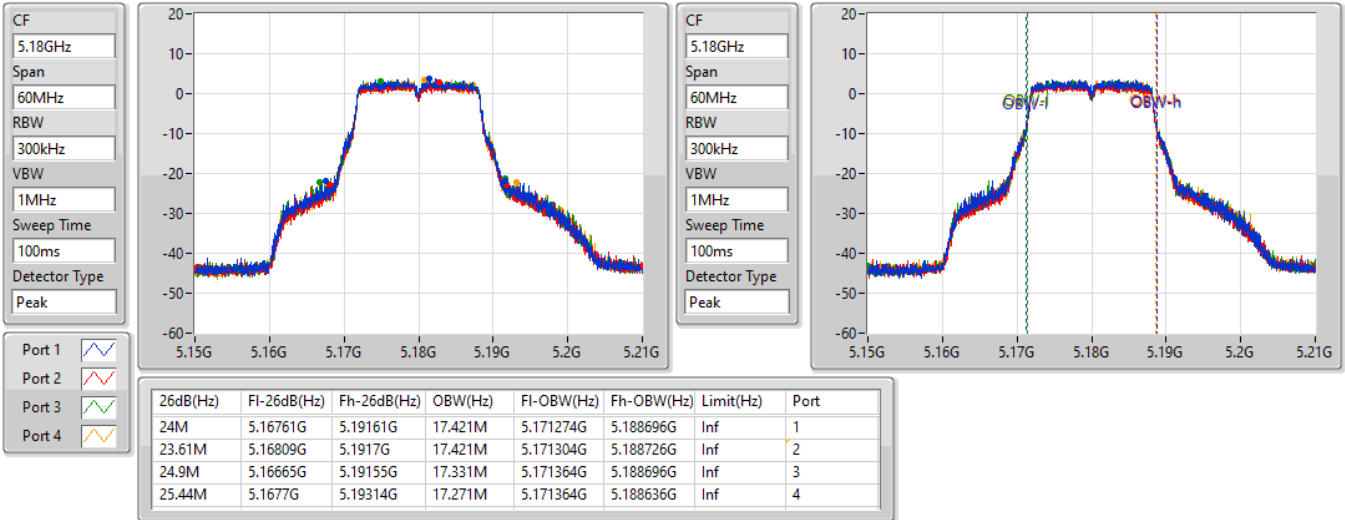
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

08/07/2022

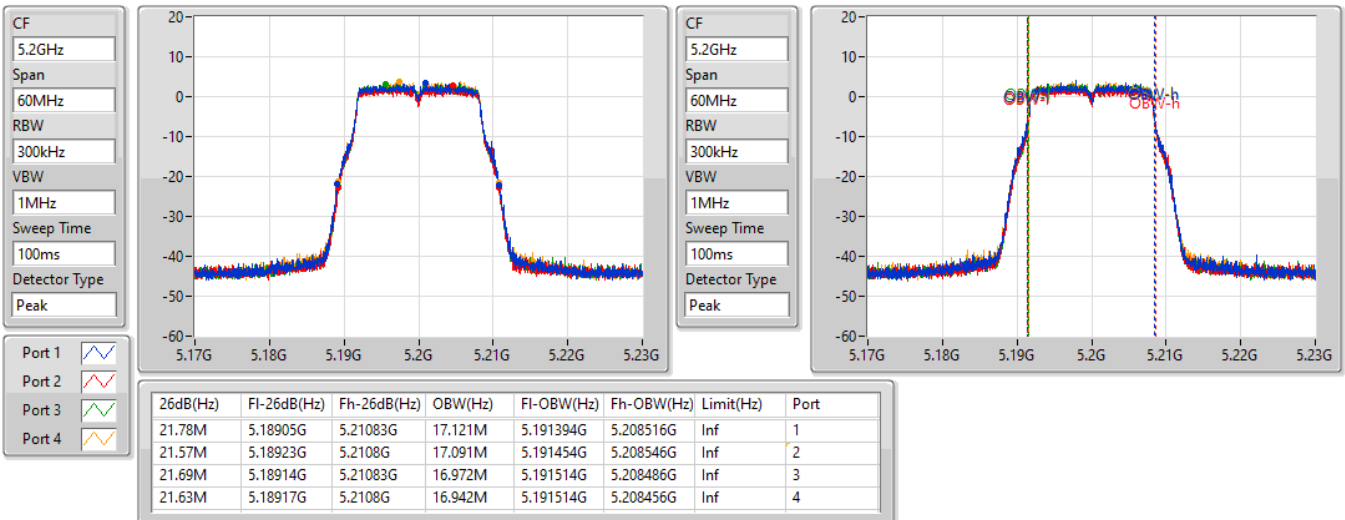


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

08/07/2022

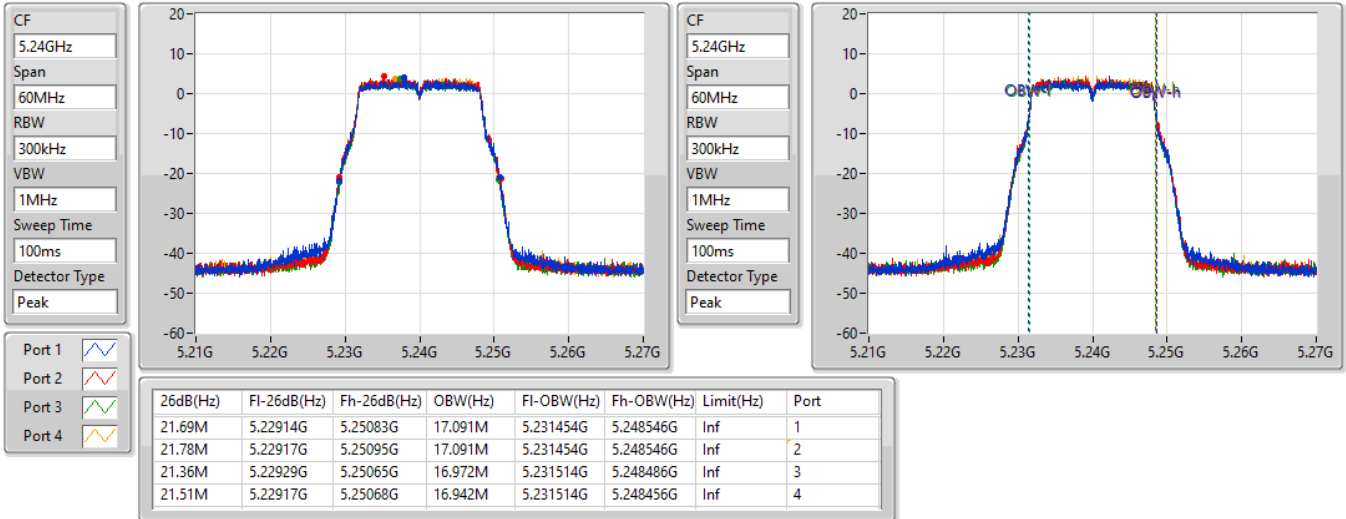


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

08/07/2022

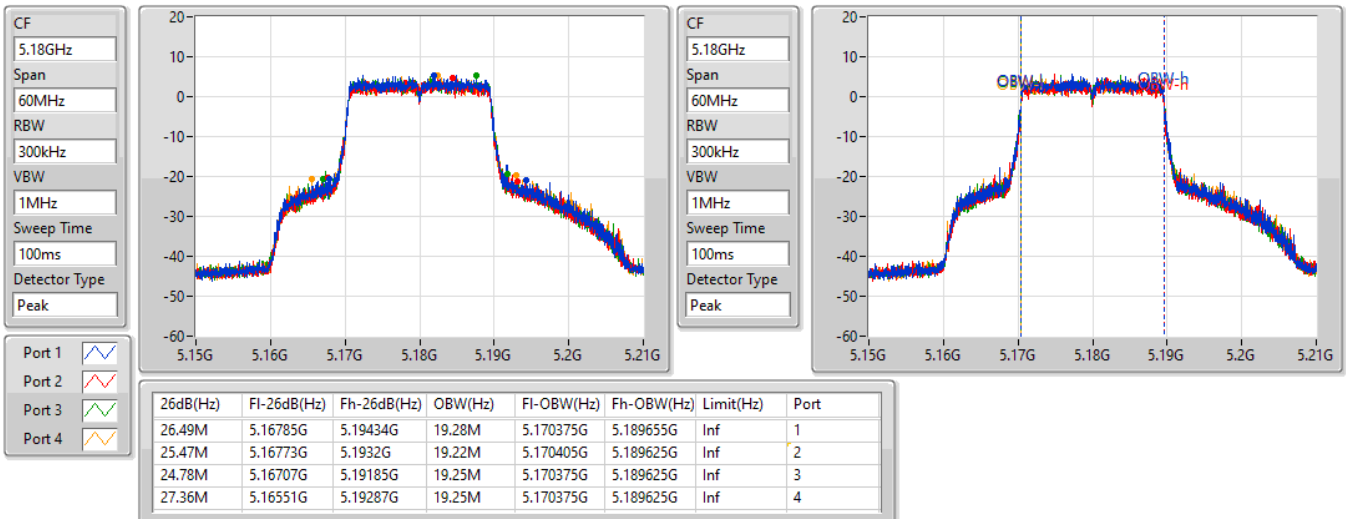


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

08/07/2022

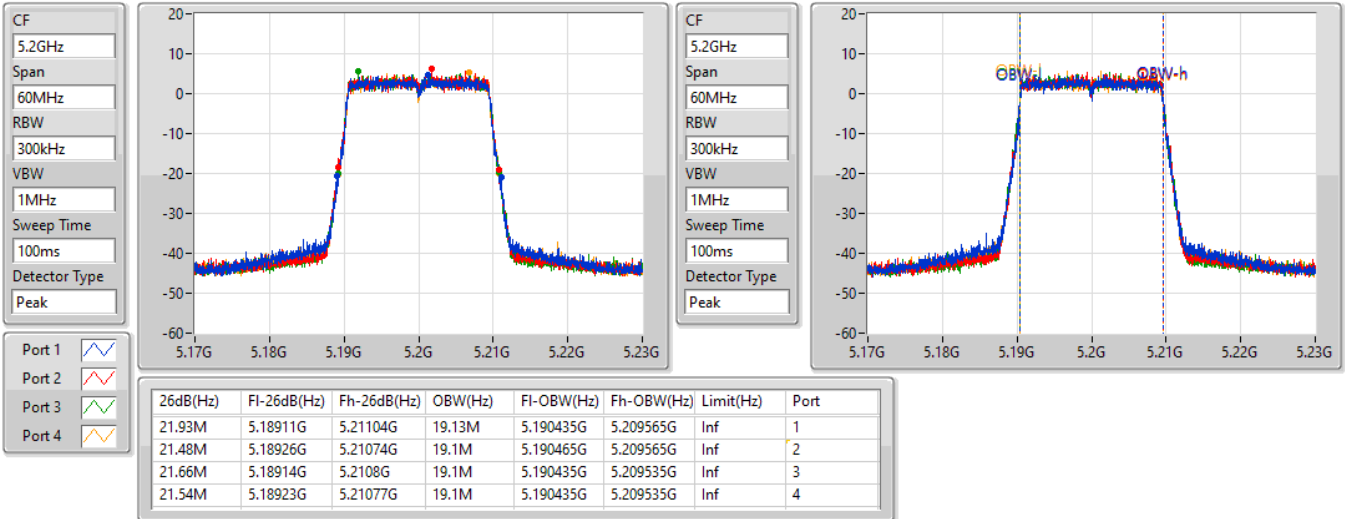


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

08/07/2022

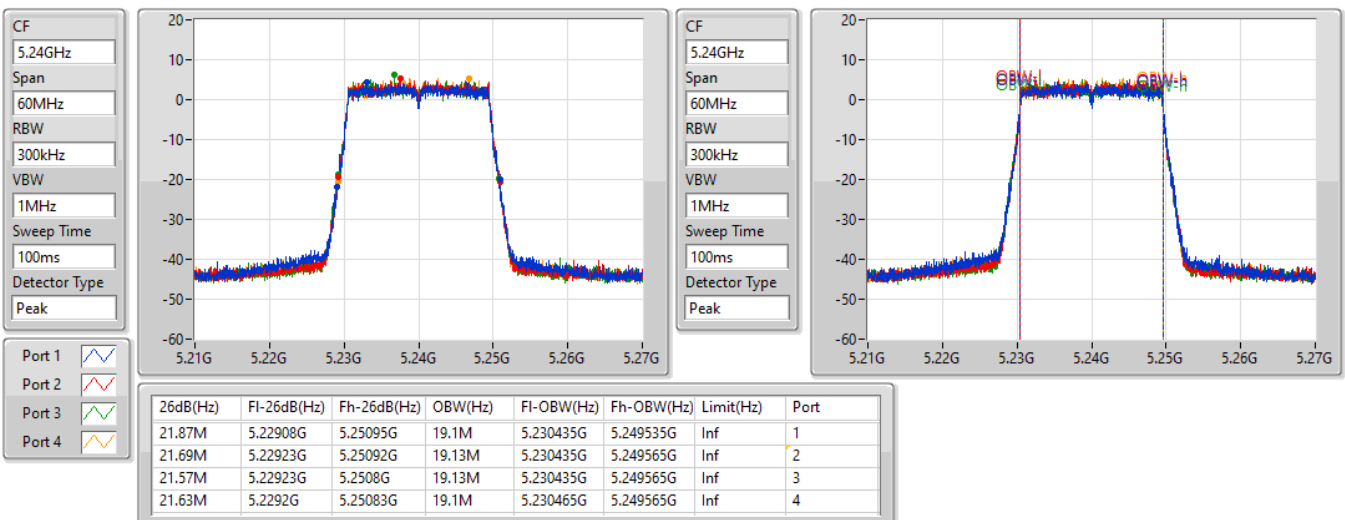


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

08/07/2022

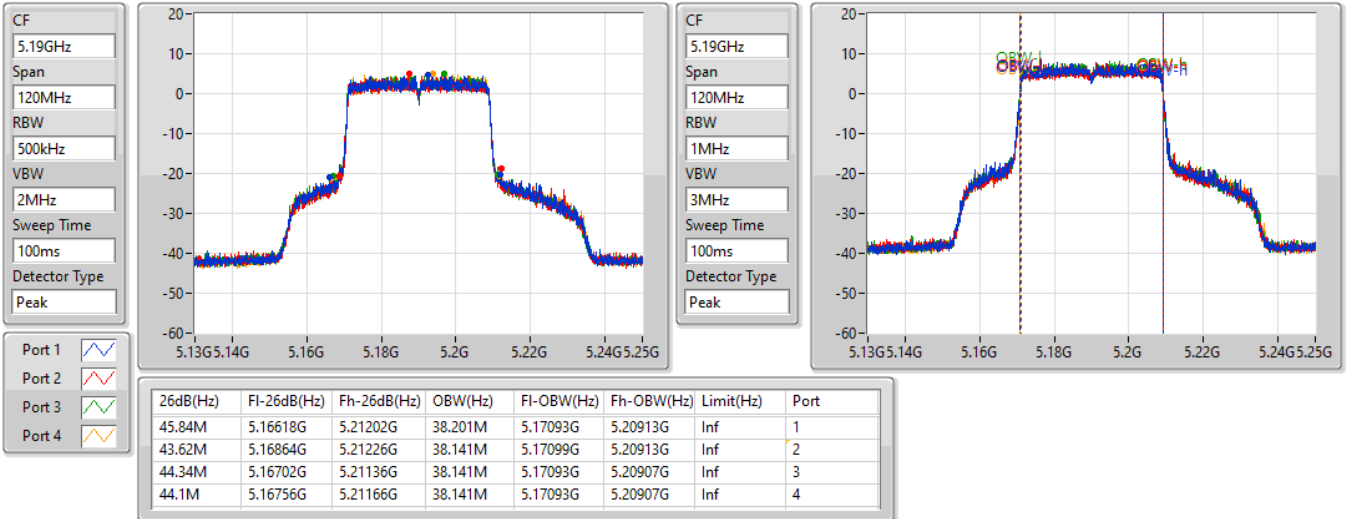


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

08/07/2022

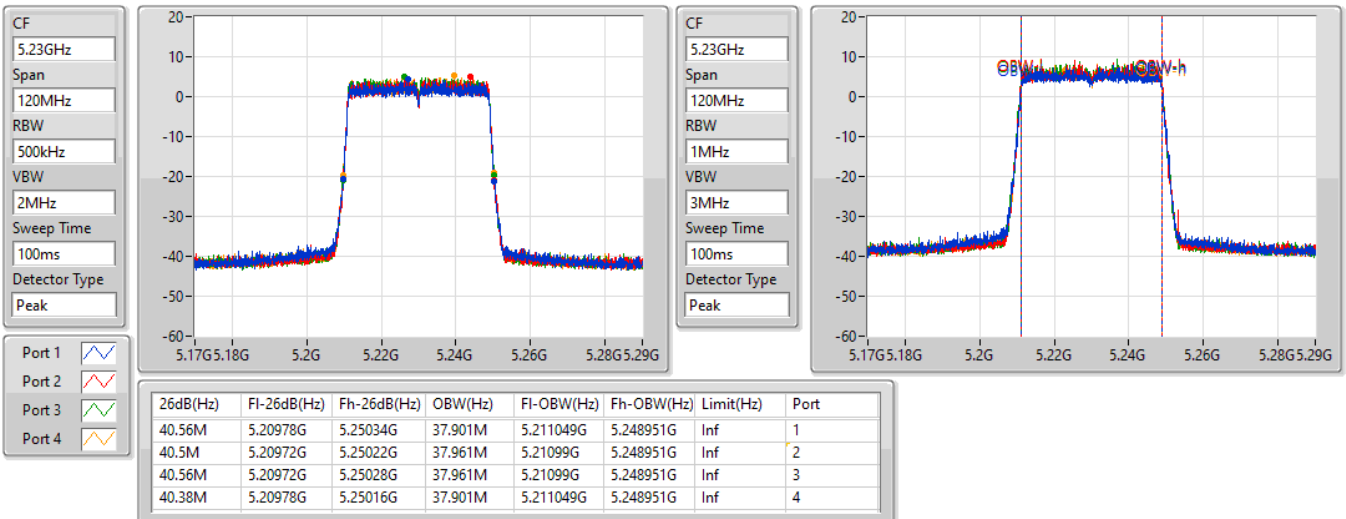


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

08/07/2022

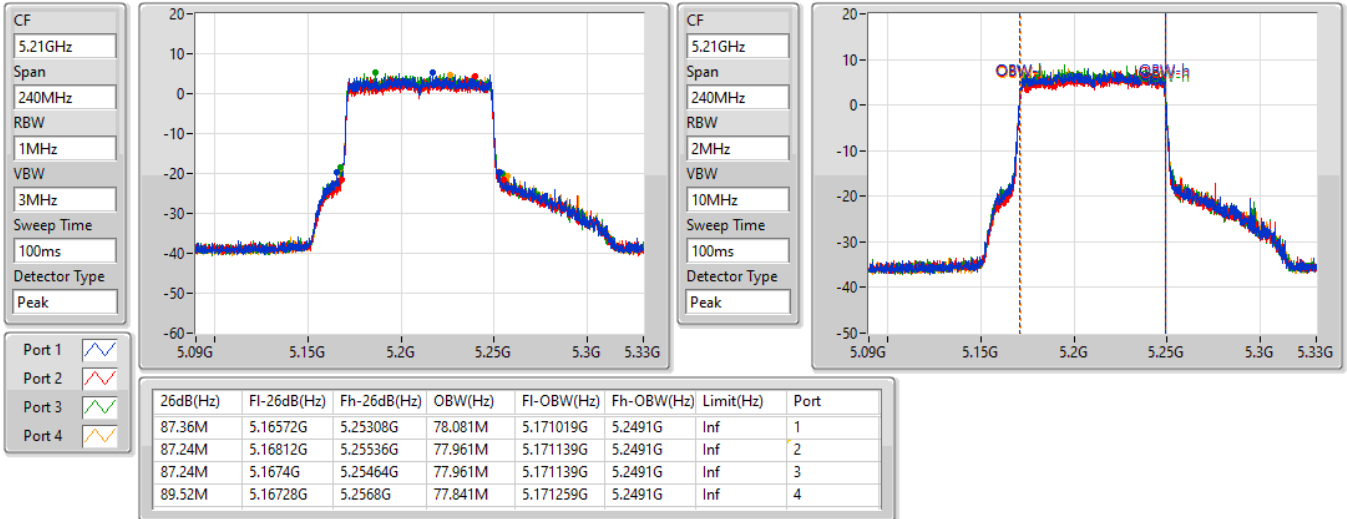


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

08/07/2022



**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_Nss4,(MCS0)_4TX	25.5M	19.28M	19M3D1D	21.48M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	77.52M	39.46M	39M5D1D	42.72M	38.141M
802.11ax HEW80_Nss4,(MCS0)_4TX	84.96M	77.961M	78M0D1D	84.24M	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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.5M	19.28M	23.1M	19.25M	25.35M	19.22M	25.35M	19.19M
5200MHz	Pass	Inf	21.66M	19.1M	21.48M	19.1M	21.54M	19.13M	21.72M	19.07M
5240MHz	Pass	Inf	21.72M	19.1M	21.66M	19.1M	21.81M	19.07M	21.51M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.54M	38.141M	44.76M	38.201M	42.72M	38.201M	45.6M	38.141M
5230MHz	Pass	Inf	77.52M	39.04M	69.24M	38.861M	69.18M	38.861M	70.32M	39.46M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.6M	77.841M	84.96M	77.841M	84.24M	77.961M	84.72M	77.841M

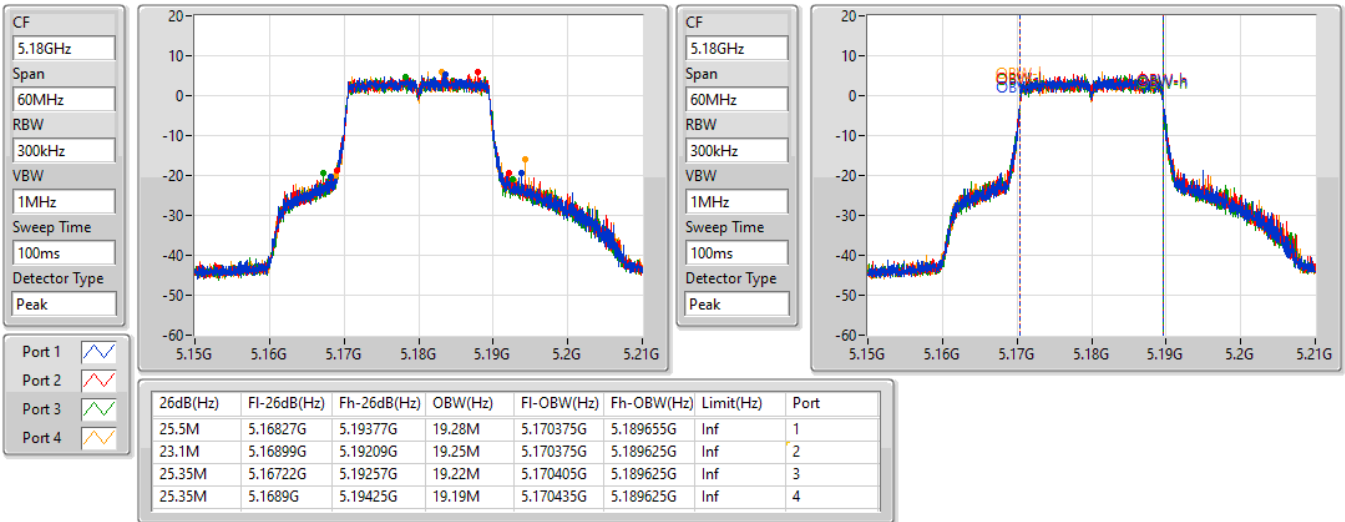
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5180MHz

08/07/2022

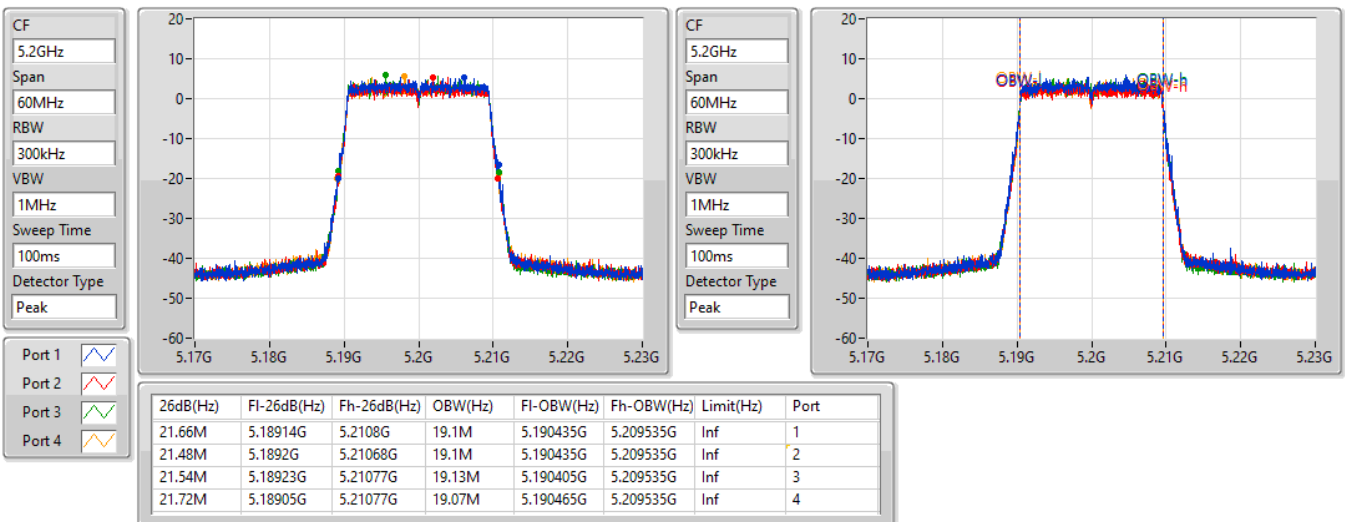


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5200MHz

09/07/2022

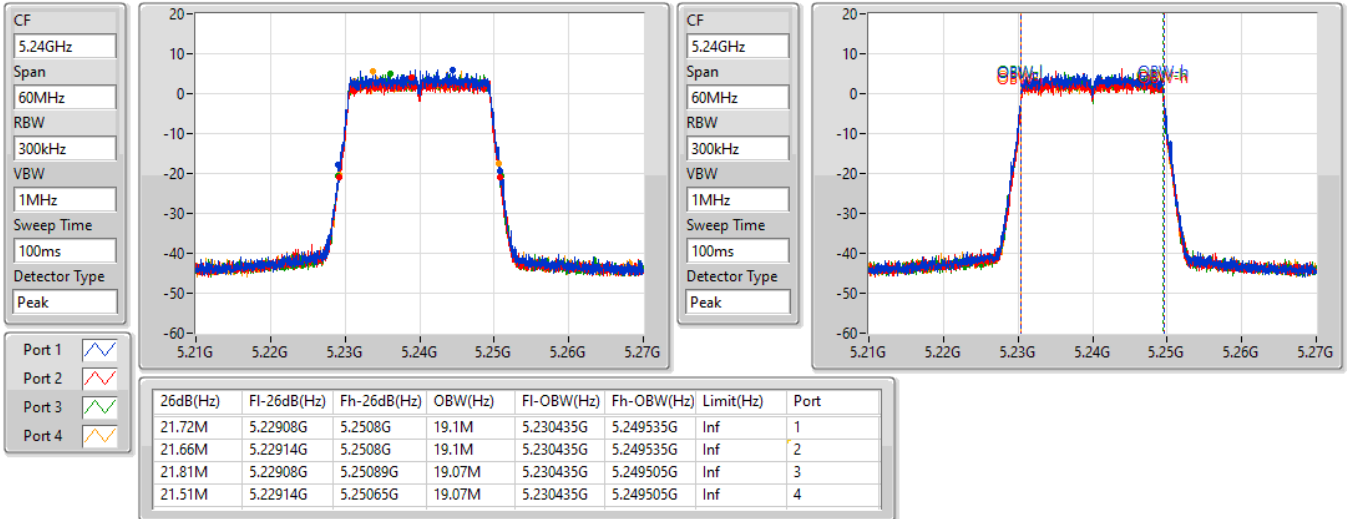


802.11ax HEW20_Nss4,(MCS0)_4TX

EBW

5240MHz

09/07/2022

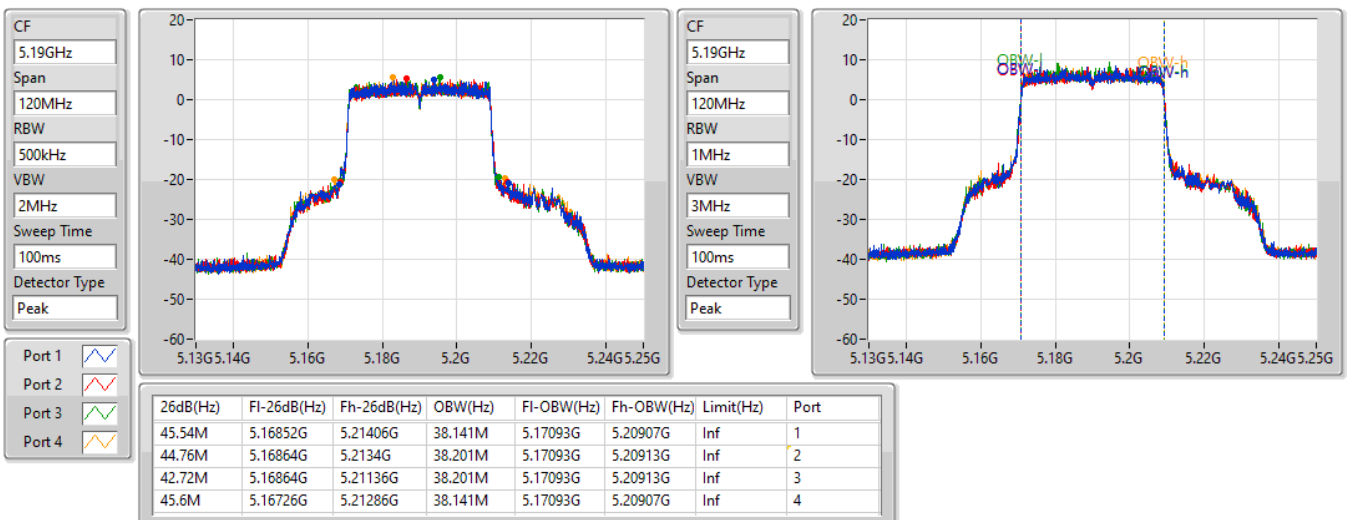


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5190MHz

08/07/2022

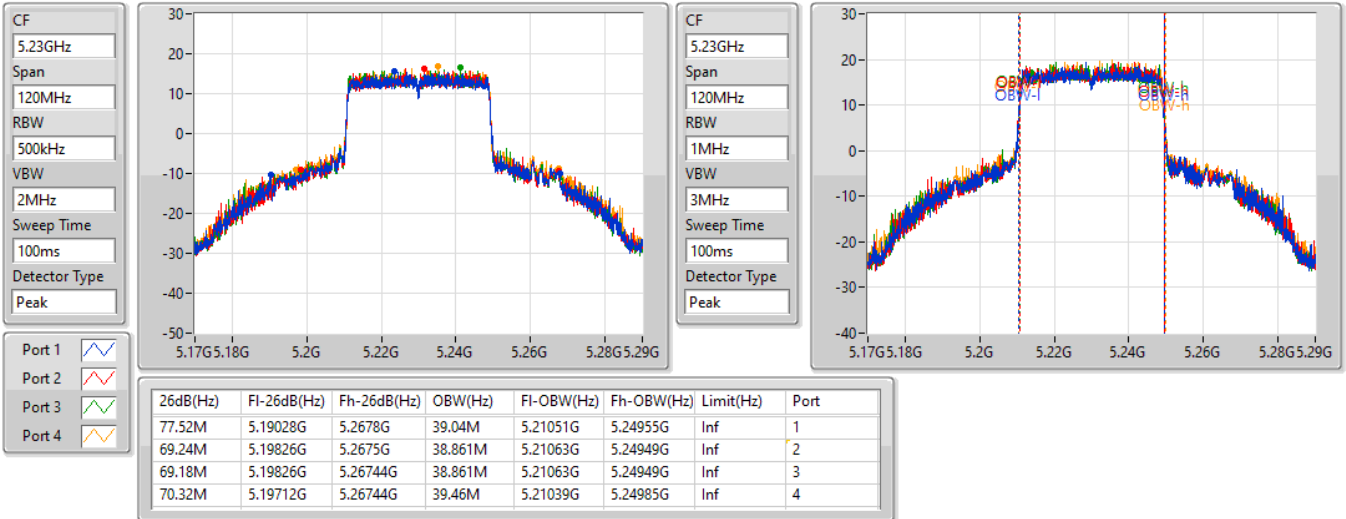


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5230MHz

08/07/2022

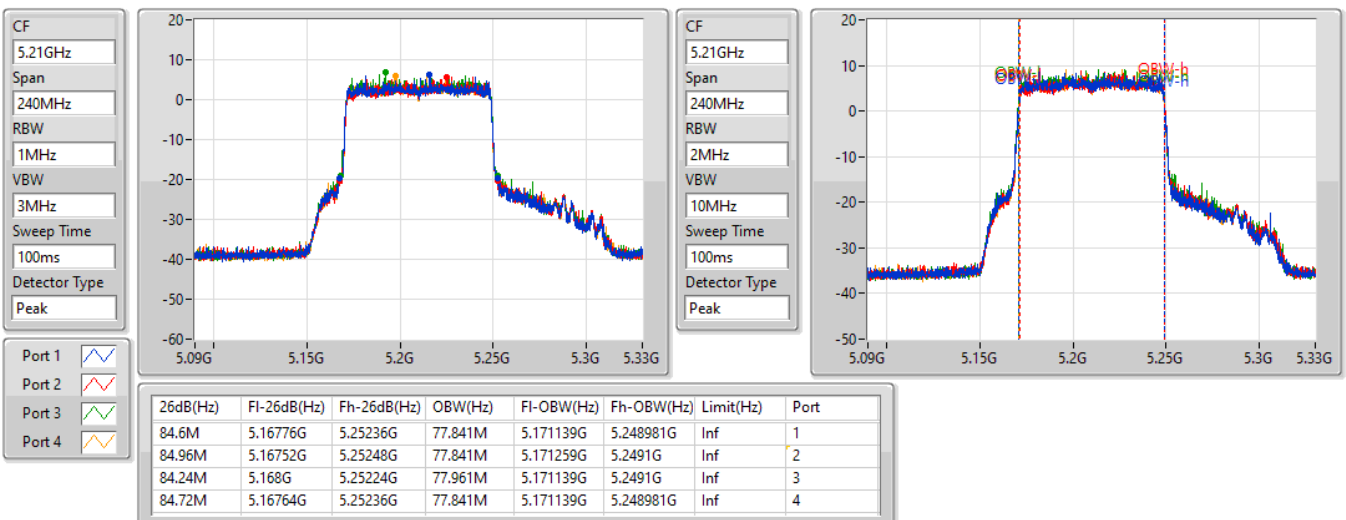


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5210MHz

08/07/2022





EBW_Set 5 antenna with 70 degree_Scanning_R1_2T1S_Outdoor Appendix B.23

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1_(6Mbps)_2TX	26.34M	17.421M	17M5D1D	21.33M	16.912M

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



EBW_Set 5 antenna with 70 degree_Scanning_R1_2T1S_Outdoor Appendix B.23

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.34M	17.421M	22.74M	17.331M
5200MHz	Pass	Inf	21.54M	17.091M	21.33M	16.912M
5240MHz	Pass	Inf	21.54M	17.121M	21.57M	16.912M

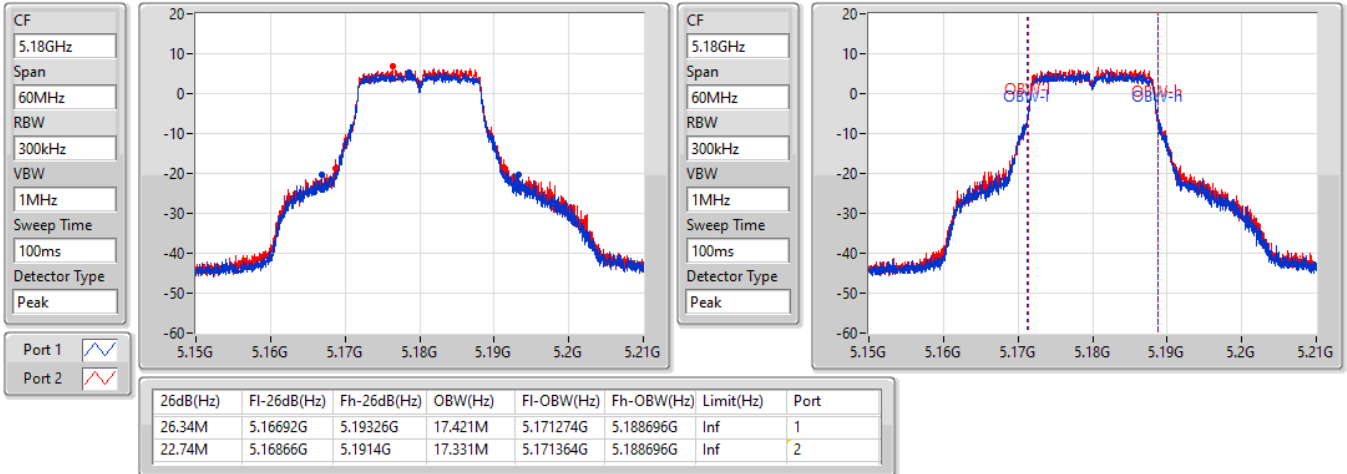
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

16/07/2022

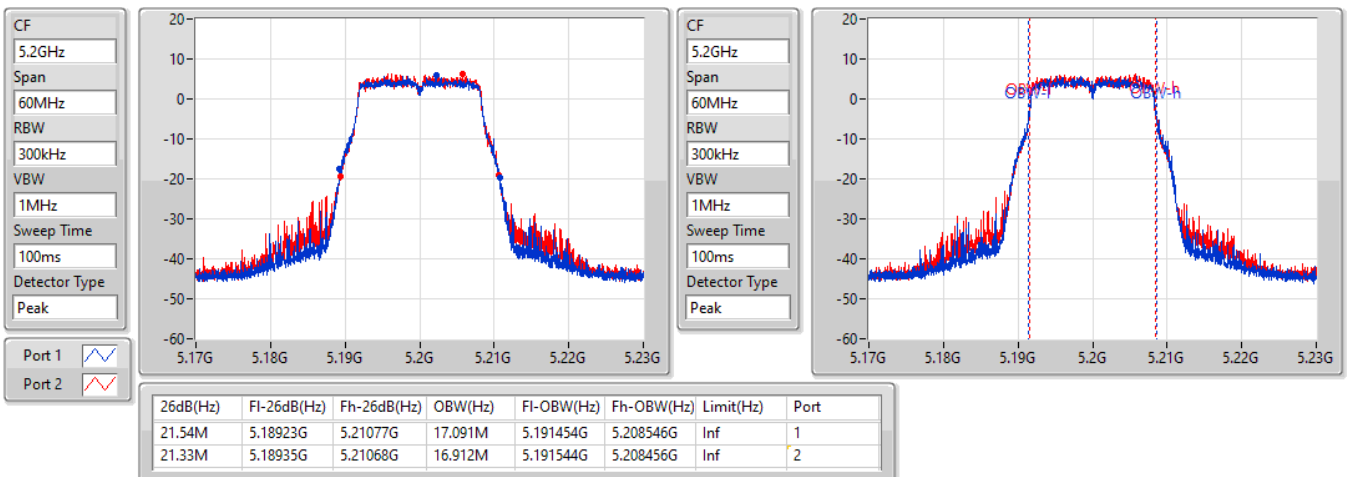


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

16/07/2022

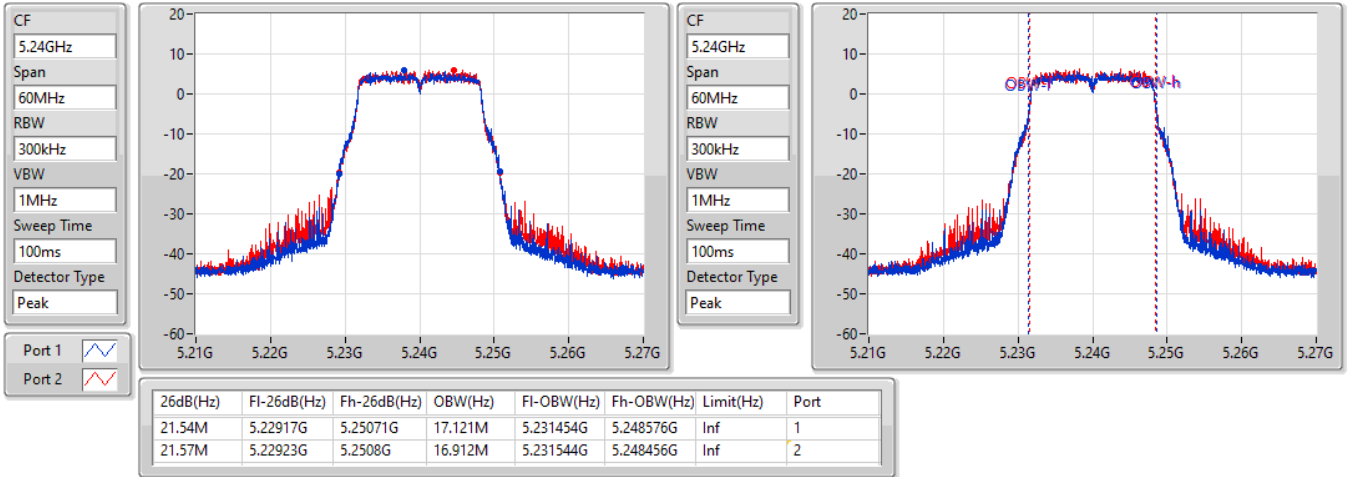


802.11a_Nss1,(6Mbps)_2TX

5240MHz

EBW

16/07/2022



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_Nss2,(MCS0)_2TX	27.57M	19.25M	19M3D1D	21.66M	19.07M
802.11ax HEW40_Nss2,(MCS0)_2TX	47.58M	38.201M	38M3D1D	40.5M	37.961M
802.11ax HEW80_Nss2,(MCS0)_2TX	85.08M	77.961M	78M0D1D	84.36M	77.961M

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)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.57M	19.25M	27.57M	19.25M
5200MHz	Pass	Inf	21.84M	19.1M	21.66M	19.13M
5240MHz	Pass	Inf	21.81M	19.13M	21.66M	19.07M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	47.58M	38.141M	46.86M	38.201M
5230MHz	Pass	Inf	40.8M	38.021M	40.5M	37.961M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.36M	77.961M	85.08M	77.961M

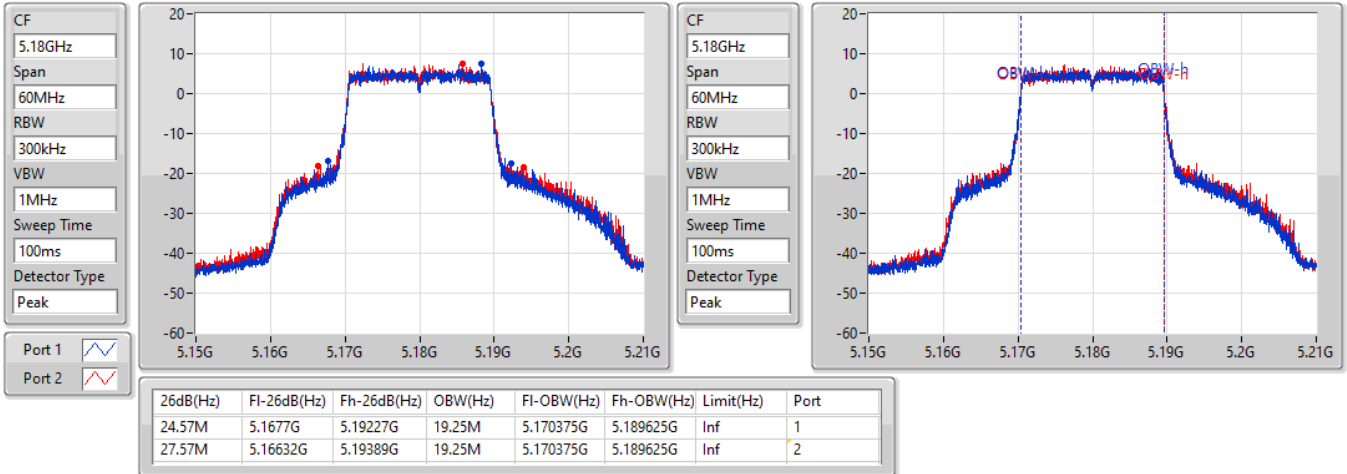
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

16/07/2022

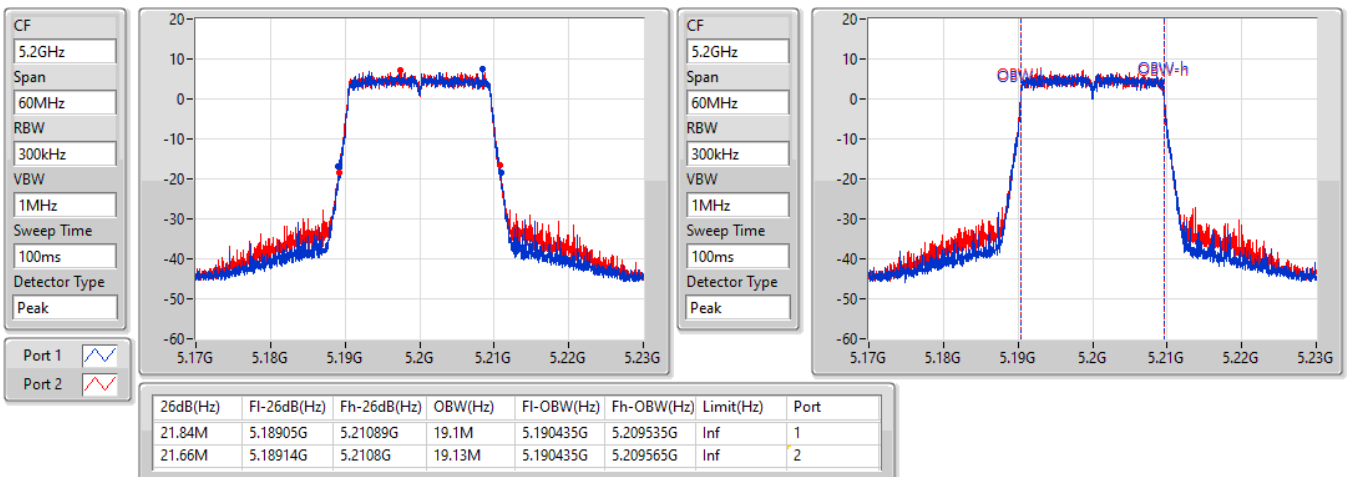


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5200MHz

16/07/2022

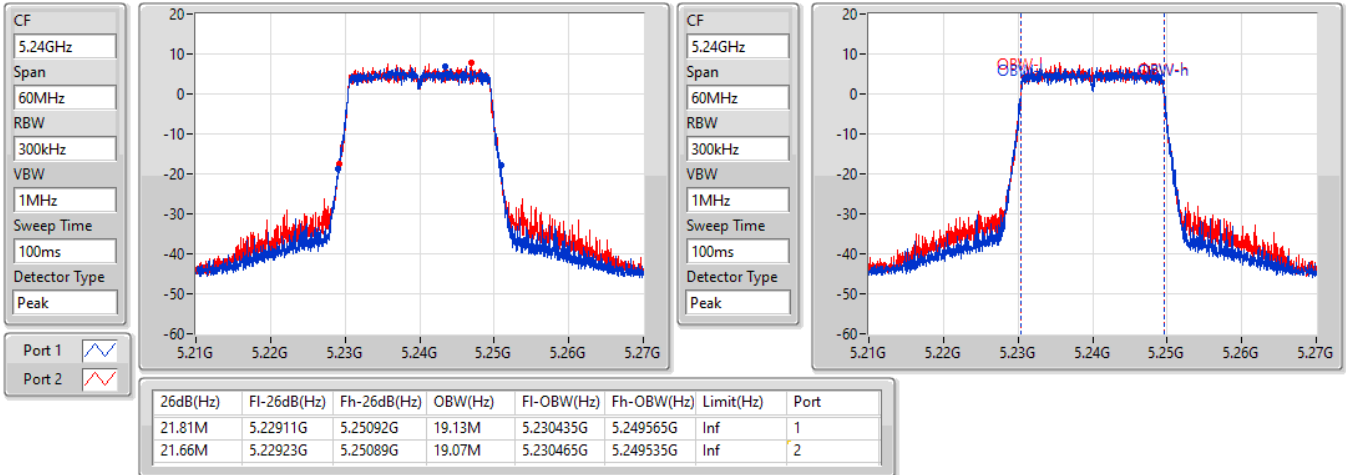


802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5240MHz

16/07/2022

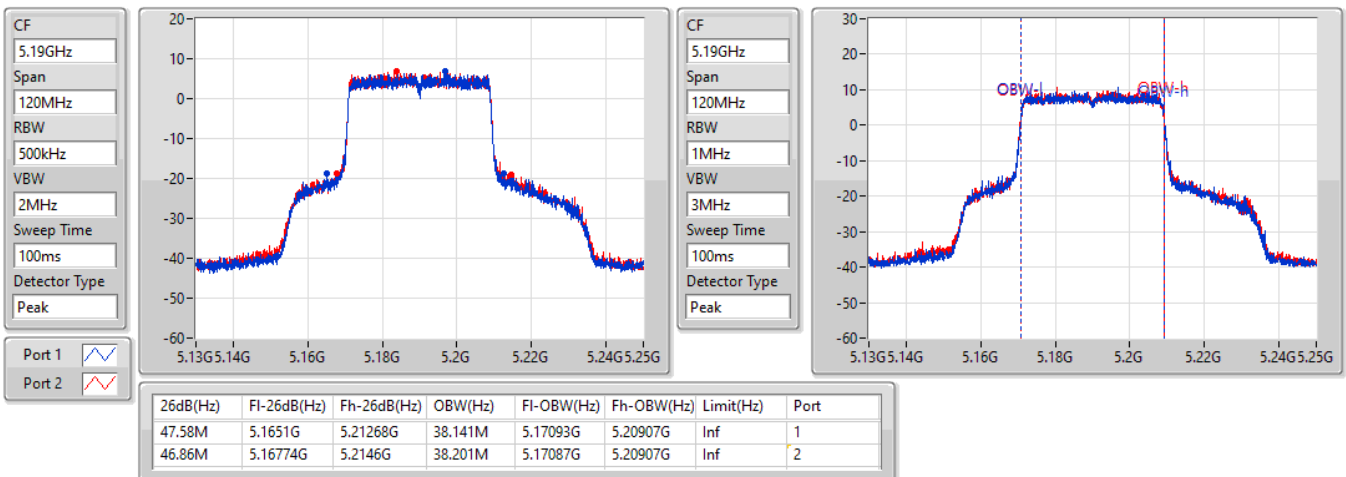


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5190MHz

16/07/2022

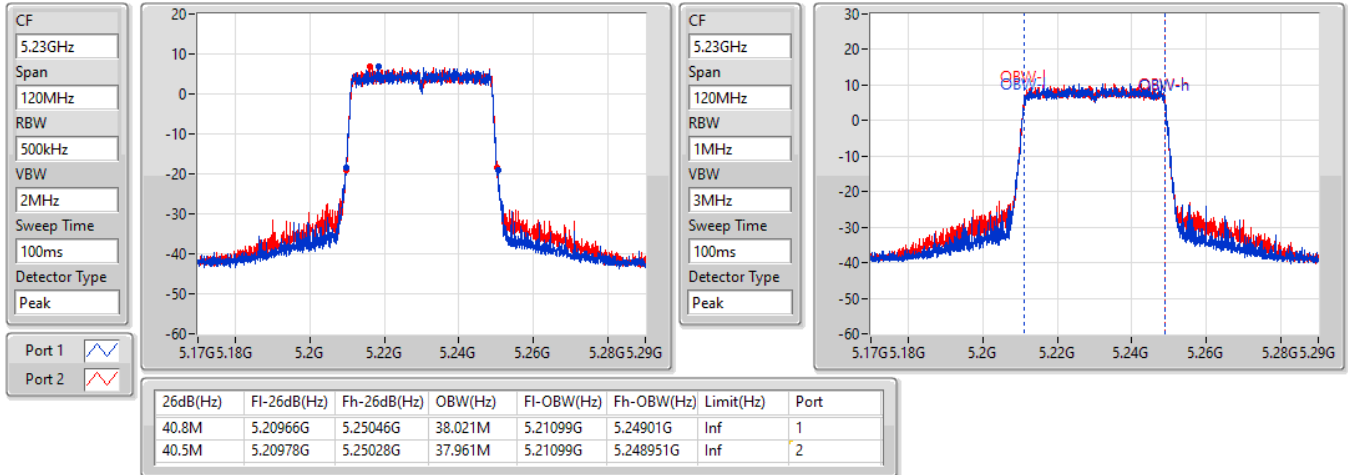


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

16/07/2022

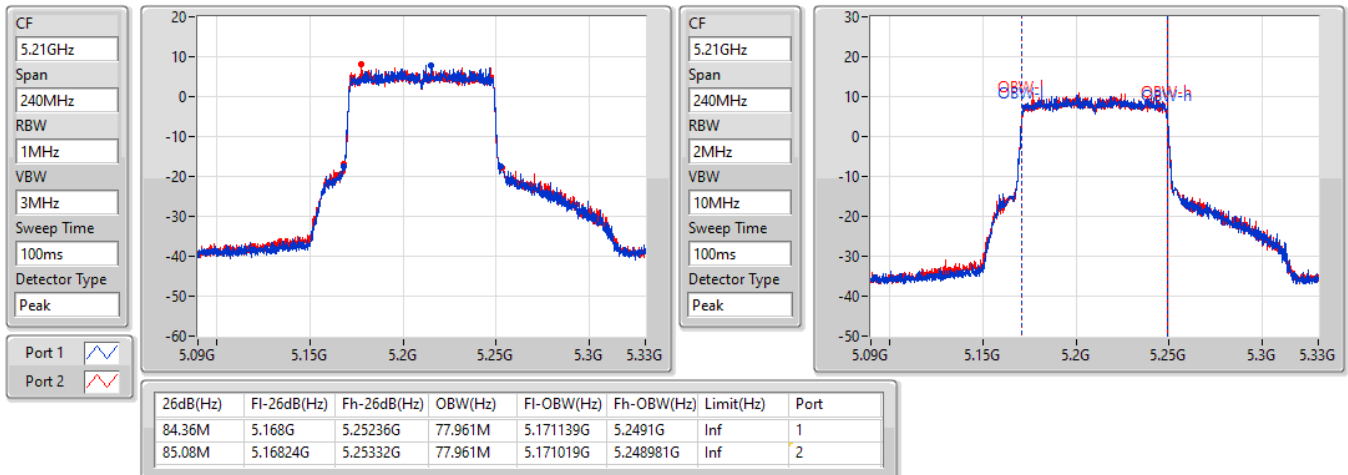


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

16/07/2022





Average Power_Set 3 antenna with 30 degree_R2_1T1S_Indoor Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	25.24	0.33420
802.11ax HEW20_Nss1,(MCS0)_1TX	25.41	0.34754
802.11ax HEW40_Nss1,(MCS0)_1TX	22.89	0.19454
802.11ax HEW80_Nss1,(MCS0)_1TX	20.53	0.11298
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	26.84	0.48306
802.11ax HEW20_Nss1,(MCS0)_1TX	26.82	0.48084
802.11ax HEW40_Nss1,(MCS0)_1TX	26.12	0.40926
802.11ax HEW80_Nss1,(MCS0)_1TX	23.85	0.24266



Average Power_Set 3 antenna with 30 degree_R2_1T1S Indoor Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.80	23.56	23.56	30.00
5200MHz	Pass	2.80	25.24	25.24	30.00
5240MHz	Pass	2.80	23.46	23.46	30.00
5745MHz	Pass	2.30	25.23	25.23	30.00
5785MHz	Pass	2.30	26.84	26.84	30.00
5825MHz	Pass	2.30	25.04	25.04	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.80	23.57	23.57	30.00
5200MHz	Pass	2.80	25.41	25.41	30.00
5240MHz	Pass	2.80	23.03	23.03	30.00
5745MHz	Pass	2.30	25.28	25.28	30.00
5785MHz	Pass	2.30	26.82	26.82	30.00
5825MHz	Pass	2.30	25.09	25.09	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.80	21.05	21.05	30.00
5230MHz	Pass	2.80	22.89	22.89	30.00
5755MHz	Pass	2.30	24.34	24.34	30.00
5795MHz	Pass	2.30	26.12	26.12	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	2.80	20.53	20.53	30.00
5775MHz	Pass	2.30	23.85	23.85	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.27	0.42364
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.93	0.62087

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.20	20.82	21.74	24.31	30.00
5200MHz	Pass	3.20	22.67	23.63	26.19	30.00
5240MHz	Pass	3.20	22.90	23.59	26.27	30.00
5745MHz	Pass	3.30	18.89	19.04	21.98	30.00
5785MHz	Pass	3.30	24.39	25.39	27.93	30.00
5825MHz	Pass	3.30	25.03	24.56	27.81	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	26.59	0.45604
802.11ax HEW40_Nss2,(MCS0)_2TX	26.22	0.41879
802.11ax HEW80_Nss2,(MCS0)_2TX	22.05	0.16032
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	28.17	0.65615
802.11ax HEW40_Nss2,(MCS0)_2TX	28.07	0.64121
802.11ax HEW80_Nss2,(MCS0)_2TX	23.69	0.23388

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.00	20.68	21.16	23.94	30.00
5200MHz	Pass	3.00	23.11	24.00	26.59	30.00
5240MHz	Pass	3.00	22.98	23.43	26.22	30.00
5745MHz	Pass	2.83	22.13	23.12	25.66	30.00
5785MHz	Pass	2.83	24.51	25.72	28.17	30.00
5825MHz	Pass	2.83	25.08	24.57	27.84	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.00	19.02	19.29	22.17	30.00
5230MHz	Pass	3.00	23.03	23.39	26.22	30.00
5755MHz	Pass	2.83	21.64	22.38	25.04	30.00
5795MHz	Pass	2.83	24.69	25.40	28.07	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.00	18.95	19.13	22.05	30.00
5775MHz	Pass	2.83	20.36	20.98	23.69	30.00

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



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Non beamforming mode**

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.23	0.52845
802.11ax HEW20_Nss1,(MCS0)_4TX	27.69	0.58749
802.11ax HEW40_Nss1,(MCS0)_4TX	28.37	0.68707
802.11ax HEW80_Nss1,(MCS0)_4TX	24.16	0.26062
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.65	0.92257
802.11ax HEW20_Nss1,(MCS0)_4TX	29.63	0.91833
802.11ax HEW40_Nss1,(MCS0)_4TX	29.88	0.97275
802.11ax HEW80_Nss1,(MCS0)_4TX	26.34	0.43053



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Non beamforming mode**

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	20.27	20.78	20.78	20.68	26.65	30.00
5200MHz	Pass	3.20	21.04	21.03	21.22	21.21	27.15	30.00
5240MHz	Pass	3.20	21.13	21.18	21.07	21.44	27.23	30.00
5745MHz	Pass	3.30	23.02	24.08	23.47	23.28	29.50	30.00
5785MHz	Pass	3.30	23.01	24.02	23.36	23.50	29.51	30.00
5825MHz	Pass	3.30	23.10	23.93	23.67	23.78	29.65	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	20.44	20.89	20.88	20.86	26.79	30.00
5200MHz	Pass	3.20	21.34	21.28	21.52	21.56	27.45	30.00
5240MHz	Pass	3.20	21.49	21.77	21.52	21.89	27.69	30.00
5745MHz	Pass	3.30	22.52	23.75	22.98	23.02	29.11	30.00
5785MHz	Pass	3.30	23.17	24.06	23.58	23.57	29.63	30.00
5825MHz	Pass	3.30	23.19	23.83	23.67	23.72	29.63	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.20	17.63	17.30	17.85	17.46	23.59	30.00
5230MHz	Pass	3.20	22.25	22.38	22.41	22.36	28.37	30.00
5755MHz	Pass	3.30	22.96	23.91	23.54	23.79	29.59	30.00
5795MHz	Pass	3.30	23.35	24.12	23.72	24.19	29.88	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.20	18.02	18.12	18.37	18.05	24.16	30.00
5775MHz	Pass	3.30	20.12	20.53	20.21	20.40	26.34	30.00

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



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Beamforming mode**

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.05	0.50699
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.92	0.49204
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.16	0.26062
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.08	0.51050
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.08	0.51050
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.34	0.43053



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Beamforming mode**

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.92	20.44	20.89	20.88	20.86	26.79	27.08
5200MHz	Pass	8.92	20.77	20.89	21.04	21.13	26.98	27.08
5240MHz	Pass	8.92	20.78	20.99	21.00	21.33	27.05	27.08
5745MHz	Pass	8.85	20.92	21.54	21.03	20.72	27.08	27.15
5785MHz	Pass	8.85	20.75	21.43	21.01	20.79	27.02	27.15
5825MHz	Pass	8.85	20.69	21.18	20.98	20.73	26.92	27.15
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.92	17.63	17.3	17.85	17.46	23.59	27.08
5230MHz	Pass	8.92	20.84	20.95	21.03	20.79	26.92	27.08
5755MHz	Pass	8.85	20.69	21.49	21.04	20.96	27.08	27.15
5795MHz	Pass	8.85	20.49	21.24	20.96	20.90	26.93	27.15
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.92	18.02	18.12	18.37	18.05	24.16	27.08
5775MHz	Pass	8.85	20.12	20.53	20.21	20.4	26.34	27.15

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.80	0.95499
802.11ax HEW40_Nss4,(MCS0)_4TX	27.86	0.61094
802.11ax HEW80_Nss4,(MCS0)_4TX	24.22	0.26424
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.72	0.93756
802.11ax HEW40_Nss4,(MCS0)_4TX	29.91	0.97949
802.11ax HEW80_Nss4,(MCS0)_4TX	28.82	0.76208

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.90	20.88	21.60	21.37	21.59	27.39	30.00
5200MHz	Pass	2.90	23.31	24.19	23.63	23.95	29.80	30.00
5240MHz	Pass	2.90	22.54	22.96	22.83	23.22	28.91	30.00
5745MHz	Pass	2.84	22.90	24.02	23.32	23.16	29.39	30.00
5785MHz	Pass	2.84	21.76	22.24	22.03	21.99	28.03	30.00
5825MHz	Pass	2.84	23.31	23.83	23.70	23.93	29.72	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.90	16.70	16.55	17.18	17.03	22.89	30.00
5230MHz	Pass	2.90	21.65	22.06	21.88	21.77	27.86	30.00
5755MHz	Pass	2.84	22.79	23.56	23.05	23.54	29.27	30.00
5795MHz	Pass	2.84	23.49	23.90	23.88	24.26	29.91	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.90	18.18	18.35	18.26	17.98	24.22	30.00
5775MHz	Pass	2.84	22.14	23.01	22.81	23.17	28.82	30.00

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



Average Power_Set 4 antenna with 70 degree_R2_1T1S_Indoor Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.61	0.22961
802.11ax HEW20_Nss1,(MCS0)_1TX	24.05	0.25410
802.11ax HEW40_Nss1,(MCS0)_1TX	23.20	0.20893
802.11ax HEW80_Nss1,(MCS0)_1TX	20.27	0.10641
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	25.62	0.36475
802.11ax HEW20_Nss1,(MCS0)_1TX	25.49	0.35400
802.11ax HEW40_Nss1,(MCS0)_1TX	26.08	0.40551
802.11ax HEW80_Nss1,(MCS0)_1TX	23.53	0.22542



Average Power_Set 4 antenna with 70 degree_R2_1T1S Indoor Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	1.20	22.52	22.52	30.00
5200MHz	Pass	1.20	23.61	23.61	30.00
5240MHz	Pass	1.20	23.51	23.51	30.00
5745MHz	Pass	0.50	25.43	25.43	30.00
5785MHz	Pass	0.50	25.62	25.62	30.00
5825MHz	Pass	0.50	25.23	25.23	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	1.20	22.30	22.30	30.00
5200MHz	Pass	1.20	24.05	24.05	30.00
5240MHz	Pass	1.20	23.50	23.50	30.00
5745MHz	Pass	0.50	25.49	25.49	30.00
5785MHz	Pass	0.50	25.21	25.21	30.00
5825MHz	Pass	0.50	25.27	25.27	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	1.20	20.10	20.10	30.00
5230MHz	Pass	1.20	23.20	23.20	30.00
5755MHz	Pass	0.50	24.37	24.37	30.00
5795MHz	Pass	0.50	26.08	26.08	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	1.20	20.27	20.27	30.00
5775MHz	Pass	0.50	23.53	23.53	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.36	0.43251
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.01	0.39902

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	1.20	21.30	22.00	24.67	30.00
5200MHz	Pass	1.20	22.46	23.06	25.78	30.00
5240MHz	Pass	1.20	23.03	23.64	26.36	30.00
5745MHz	Pass	0.50	19.87	20.74	23.34	30.00
5785MHz	Pass	0.50	22.48	23.47	26.01	30.00
5825MHz	Pass	0.50	22.07	23.27	25.72	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	26.39	0.43551
802.11ax HEW40_Nss2,(MCS0)_2TX	25.84	0.38371
802.11ax HEW80_Nss2,(MCS0)_2TX	22.85	0.19275
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	28.11	0.64714
802.11ax HEW40_Nss2,(MCS0)_2TX	29.34	0.85901
802.11ax HEW80_Nss2,(MCS0)_2TX	26.06	0.40365

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	0.64	20.92	21.81	24.40	30.00
5200MHz	Pass	0.64	23.06	23.68	26.39	30.00
5240MHz	Pass	0.64	22.99	23.25	26.13	30.00
5745MHz	Pass	0.40	21.26	22.21	24.77	30.00
5785MHz	Pass	0.40	23.64	24.64	27.18	30.00
5825MHz	Pass	0.40	25.41	24.76	28.11	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	0.64	19.61	19.85	22.74	30.00
5230MHz	Pass	0.64	22.66	23.00	25.84	30.00
5755MHz	Pass	0.40	24.41	25.04	27.75	30.00
5795MHz	Pass	0.40	26.16	26.50	29.34	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	0.64	19.33	20.30	22.85	30.00
5775MHz	Pass	0.40	22.62	23.44	26.06	30.00

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



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Non beamforming mode**

Appendix C.10

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.96	0.78705
802.11ax HEW20_Nss1,(MCS0)_4TX	28.95	0.78524
802.11ax HEW40_Nss1,(MCS0)_4TX	28.61	0.72611
802.11ax HEW80_Nss1,(MCS0)_4TX	25.16	0.32810
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.89	0.97499
802.11ax HEW20_Nss1,(MCS0)_4TX	29.97	0.99312
802.11ax HEW40_Nss1,(MCS0)_4TX	29.71	0.93541
802.11ax HEW80_Nss1,(MCS0)_4TX	26.95	0.49545



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Non beamforming mode**

Appendix C.10

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	20.15	20.91	20.73	20.82	26.68	30.00
5200MHz	Pass	1.20	20.66	21.04	20.97	21.20	26.99	30.00
5240MHz	Pass	1.20	22.67	23.11	22.76	23.19	28.96	30.00
5745MHz	Pass	1.70	20.03	20.60	19.92	19.86	26.13	30.00
5785MHz	Pass	1.70	21.84	23.05	22.47	22.40	28.48	30.00
5825MHz	Pass	1.70	23.12	24.38	23.84	24.04	29.89	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	20.81	21.36	21.22	21.21	27.18	30.00
5200MHz	Pass	1.20	21.11	21.66	21.36	21.54	27.44	30.00
5240MHz	Pass	1.20	22.75	22.95	22.83	23.16	28.95	30.00
5745MHz	Pass	1.70	21.62	22.22	21.59	21.52	27.77	30.00
5785MHz	Pass	1.70	23.25	24.62	23.93	23.88	29.97	30.00
5825MHz	Pass	1.70	22.87	23.90	23.66	23.43	29.50	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.20	18.85	19.14	19.29	19.06	25.11	30.00
5230MHz	Pass	1.20	22.48	22.73	22.61	22.53	28.61	30.00
5755MHz	Pass	1.70	23.09	23.89	23.64	23.81	29.64	30.00
5795MHz	Pass	1.70	22.86	24.05	23.75	23.99	29.71	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.20	18.84	19.54	19.24	18.91	25.16	30.00
5775MHz	Pass	1.70	20.58	21.01	20.94	21.16	26.95	30.00

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



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Beamforming mode**

Appendix C.11

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.95	0.78524
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.61	0.72611
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.16	0.32810
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.96	0.78705
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.83	0.76384
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.95	0.49545



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Beamforming mode**

Appendix C.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.86	20.81	21.36	21.22	21.21	27.18	29.14
5200MHz	Pass	6.86	21.11	21.66	21.36	21.54	27.44	29.14
5240MHz	Pass	6.86	22.75	22.95	22.83	23.16	28.95	29.14
5745MHz	Pass	6.99	21.62	22.22	21.59	21.52	27.77	29.01
5785MHz	Pass	6.99	22.46	23.48	23.10	22.66	28.96	29.01
5825MHz	Pass	6.99	22.24	23.44	23.06	22.70	28.90	29.01
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.86	18.85	19.14	19.29	19.06	25.11	29.14
5230MHz	Pass	6.86	22.48	22.73	22.61	22.53	28.61	29.14
5755MHz	Pass	6.99	22.23	23.30	22.74	22.75	28.79	29.01
5795MHz	Pass	6.99	22.18	23.30	22.83	22.87	28.83	29.01
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.86	18.84	19.54	19.24	18.91	25.16	29.14
5775MHz	Pass	6.99	20.58	21.01	20.94	21.16	26.95	29.01

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.17	0.82604
802.11ax HEW40_Nss4,(MCS0)_4TX	28.64	0.73114
802.11ax HEW80_Nss4,(MCS0)_4TX	25.50	0.35481
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.53	0.89743
802.11ax HEW40_Nss4,(MCS0)_4TX	29.60	0.91201
802.11ax HEW80_Nss4,(MCS0)_4TX	28.27	0.67143



Average Power_Set 4 antenna with 70 degree_R2_4T4S

Appendix C.12

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.85	20.82	21.74	21.32	21.85	27.47	30.00
5200MHz	Pass	0.85	21.58	22.22	22.18	22.50	28.15	30.00
5240MHz	Pass	0.85	22.83	23.30	22.95	23.47	29.17	30.00
5745MHz	Pass	0.99	20.83	21.50	21.32	21.40	27.29	30.00
5785MHz	Pass	0.99	22.92	24.05	23.62	23.31	29.52	30.00
5825MHz	Pass	0.99	22.93	23.82	23.65	23.57	29.53	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	0.85	18.60	18.66	18.58	18.50	24.61	30.00
5230MHz	Pass	0.85	22.31	22.82	22.63	22.70	28.64	30.00
5755MHz	Pass	0.99	19.19	19.86	19.67	19.65	25.62	30.00
5795MHz	Pass	0.99	23.02	23.93	23.50	23.81	29.60	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	0.85	19.12	19.73	19.73	19.31	25.50	30.00
5775MHz	Pass	0.99	21.51	22.62	22.26	22.52	28.27	30.00

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



**Average Power_Set 5 antenna with 70 degree_
Scanning R1_2T1S_Indoor**

Appendix C.13

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.48	0.35318
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.77	0.29992



**Average Power_Set 5 antenna with 70 degree_
Scanning R1_2T1S_Indoor**

Appendix C.13

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	1.90	20.26	20.67	23.48	30.00
5200MHz	Pass	1.90	22.51	22.43	25.48	30.00
5240MHz	Pass	1.90	20.21	20.35	23.29	30.00
5745MHz	Pass	3.20	20.28	19.63	22.98	30.00
5785MHz	Pass	3.20	21.30	20.10	23.75	30.00
5825MHz	Pass	3.20	22.38	21.04	24.77	30.00

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



**Average Power_Set 5 antenna with 70 degree_
Scanning R1_2T2S**

Appendix C.14

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	25.11	0.32434
802.11ax HEW40_Nss2,(MCS0)_2TX	23.31	0.21429
802.11ax HEW80_Nss2,(MCS0)_2TX	20.59	0.11455
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	27.39	0.54828
802.11ax HEW40_Nss2,(MCS0)_2TX	24.92	0.31046
802.11ax HEW80_Nss2,(MCS0)_2TX	23.78	0.23878



**Average Power_Set 5 antenna with 70 degree_
Scanning R1_2T2S**

Appendix C.14

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	1.38	20.30	20.68	23.50	30.00
5200MHz	Pass	1.38	21.86	22.33	25.11	30.00
5240MHz	Pass	1.38	20.13	20.52	23.34	30.00
5745MHz	Pass	3.00	20.70	19.91	23.33	30.00
5785MHz	Pass	3.00	21.74	20.18	24.04	30.00
5825MHz	Pass	3.00	24.62	24.12	27.39	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	1.38	18.27	18.52	21.41	30.00
5230MHz	Pass	1.38	20.40	20.20	23.31	30.00
5755MHz	Pass	3.00	21.00	19.92	23.50	30.00
5795MHz	Pass	3.00	22.58	21.11	24.92	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	1.38	17.61	17.55	20.59	30.00
5775MHz	Pass	3.00	21.21	20.27	23.78	30.00

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



Average Power_Set 3 antenna with 30 degree_R2_1T1S_Outdoor Appendix C.15

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.61	0.18239	25.41/20.65	0.34754/0.11614
802.11ax HEW20_Nss1,(MCS0)_1TX	22.65	0.18408	25.45/20.69	0.35075/0.11722
802.11ax HEW40_Nss1,(MCS0)_1TX	22.55	0.17989	25.35/20.59	0.34277/0.11455
802.11ax HEW80_Nss1,(MCS0)_1TX	20.53	0.11298	23.33/18.57	0.21528/0.07194



Average Power_Set 3 antenna with 30 degree_R2_1T1S_Outdoor Appendix C.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.80	22.47	22.47	30.00	25.27/20.51	36.00/21.00
5200MHz	Pass	2.80	22.49	22.49	30.00	25.29/20.53	36.00/21.00
5240MHz	Pass	2.80	22.61	22.61	30.00	25.41/20.65	36.00/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	2.80	22.49	22.49	30.00	25.29/20.53	36.00/21.00
5200MHz	Pass	2.80	22.65	22.65	30.00	25.45/20.69	36.00/21.00
5240MHz	Pass	2.80	22.62	22.62	30.00	25.42/20.66	36.00/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	2.80	21.05	21.05	30.00	23.85/19.09	36.00/21.00
5230MHz	Pass	2.80	22.55	22.55	30.00	25.35/20.59	36.00/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	2.80	20.53	20.53	30.00	23.33/18.57	36.00/21.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.93	0.19634	26.13/20.97	0.41020/0.12503

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	19.64	19.99	22.83	30.00	26.03/20.87	36.00/21.00
5200MHz	Pass	3.20	19.62	19.96	22.80	30.00	26.00/20.84	36.00/21.00
5240MHz	Pass	3.20	19.95	19.88	22.93	30.00	26.13/20.97	36.00/21.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.83	0.19187	25.83/20.87	0.38282/0.12218
802.11ax HEW40_Nss2,(MCS0)_2TX	22.91	0.19543	25.91/20.95	0.38994/0.12445
802.11ax HEW80_Nss2,(MCS0)_2TX	22.05	0.16032	25.05/20.09	0.31989/0.10209



Average Power_Set 3 antenna with 30 degree_R2_2T2S

Appendix C.17

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)		
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	19.58	19.90	22.75	30.00	25.75/20.79	36.00/21.00
5200MHz	Pass	3.00	19.80	19.82	22.82	30.00	25.82/20.86	36.00/21.00
5240MHz	Pass	3.00	19.77	19.87	22.83	30.00	25.83/20.87	36.00/21.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	19.02	19.29	22.17	30.00	25.17/20.21	36.00/21.00
5230MHz	Pass	3.00	19.90	19.89	22.91	30.00	25.91/20.95	36.00/21.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	18.95	19.13	22.05	30.00	25.05/20.09	36.00/21.00

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



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Non beamforming mode**

Appendix C.18

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.83	0.19187	26.03/20.87	0.40087/0.12218
802.11ax HEW20_Nss1,(MCS0)_4TX	22.76	0.18880	25.96/20.80	0.39446/0.12023
802.11ax HEW40_Nss1,(MCS0)_4TX	22.93	0.19634	26.13/20.97	0.41020/0.12503
802.11ax HEW80_Nss1,(MCS0)_4TX	22.78	0.18967	25.98/20.82	0.39628/0.12078



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Non beamforming mode**

Appendix C.18

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)		
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	16.58	16.63	17.01	16.98	22.83	30.00	26.03/20.87	36.00/21.00
5200MHz	Pass	3.20	16.76	16.67	16.78	16.82	22.78	30.00	25.98/20.82	36.00/21.00
5240MHz	Pass	3.20	16.76	16.56	16.62	17.00	22.76	30.00	25.96/20.80	36.00/21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	16.44	16.59	16.44	16.65	22.55	30.00	25.75/20.59	36.00/21.00
5200MHz	Pass	3.20	16.73	16.33	16.67	16.72	22.64	30.00	25.84/20.68	36.00/21.00
5240MHz	Pass	3.20	16.71	16.64	16.47	17.13	22.76	30.00	25.96/20.80	36.00/21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.20	16.76	16.94	16.98	16.95	22.93	30.00	26.13/20.97	36.00/21.00
5230MHz	Pass	3.20	16.70	16.29	16.37	16.58	22.51	30.00	25.71/20.55	36.00/21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.20	16.74	16.71	17.04	16.54	22.78	30.00	25.98/20.82	36.00/21.00

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



Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Beamforming mode

Appendix C.19

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.87	0.04864	25.79/20.93	0.37931/0.12388
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	16.86	0.04853	25.78/20.92	0.37844/0.12359
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.73	0.04710	25.65/20.79	0.36728/0.11995



**Average Power_Set 3 antenna with 30 degree_R2_4T1S_
Beamforming mode**

Appendix C.19

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.92	10.78	10.79	10.69	10.59	16.73	27.08	25.65/20.79	36.00/21.00
5200MHz	Pass	8.92	10.81	10.51	10.72	10.69	16.70	27.08	25.62/20.76	36.00/21.00
5240MHz	Pass	8.92	11.03	11.03	10.43	10.90	16.87	27.08	25.79/20.93	36.00/21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.92	10.59	10.57	10.98	10.60	16.71	27.08	25.63/20.77	36.00/21.00
5230MHz	Pass	8.92	11.17	10.57	10.43	11.13	16.86	27.08	25.78/20.92	36.00/21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.92	10.93	10.46	10.86	10.59	16.73	27.08	25.65/20.79	36.00/21.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.92	0.19588	25.82/20.96	0.38194/0.12474
802.11ax HEW40_Nss4,(MCS0)_4TX	22.89	0.19454	25.79/20.93	0.37931/0.12388
802.11ax HEW80_Nss4,(MCS0)_4TX	22.69	0.18578	25.59/20.73	0.36224/0.11830

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.90	16.88	16.57	17.09	17.02	22.92	30.00	25.82/20.96	36.00/21.00
5200MHz	Pass	2.90	16.89	16.25	16.62	16.90	22.69	30.00	25.59/20.73	36.00/21.00
5240MHz	Pass	2.90	16.71	16.30	16.44	16.77	22.58	30.00	25.48/20.62	36.00/21.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.90	16.70	16.55	17.18	17.03	22.89	30.00	25.79/20.93	36.00/21.00
5230MHz	Pass	2.90	16.84	16.27	16.60	17.02	22.71	30.00	25.61/20.75	36.00/21.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.90	16.66	16.40	16.99	16.59	22.69	30.00	25.59/20.73	36.00/21.00

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



Average Power_Set 4 antenna with 70 degree_R2_1T1S_Outdoor Appendix C.21

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.90	0.06166	19.10/20.98	0.08128/0.12531
802.11ax HEW20_Nss1,(MCS0)_1TX	17.86	0.06109	19.06/20.94	0.08054/0.12417
802.11ax HEW40_Nss1,(MCS0)_1TX	17.78	0.05998	18.98/20.86	0.07907/0.12190
802.11ax HEW80_Nss1,(MCS0)_1TX	17.85	0.06095	19.05/20.93	0.08035/0.12388



Average Power_Set 4 antenna with 70 degree_R2_1T1S_Outdoor Appendix C.21

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	1.20	17.71	17.71	30.00	18.91/20.79	36.00/21.00
5200MHz	Pass	1.20	17.88	17.88	30.00	19.08/20.96	36.00/21.00
5240MHz	Pass	1.20	17.90	17.90	30.00	19.10/20.98	36.00/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	1.20	17.82	17.82	30.00	19.02/20.90	36.00/21.00
5200MHz	Pass	1.20	17.80	17.80	30.00	19.00/20.88	36.00/21.00
5240MHz	Pass	1.20	17.86	17.86	30.00	19.06/20.94	36.00/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	1.20	17.74	17.74	30.00	18.94/20.82	36.00/21.00
5230MHz	Pass	1.20	17.78	17.78	30.00	18.98/20.86	36.00/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	1.20	17.85	17.85	30.00	19.05/20.93	36.00/21.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.69	0.05875	18.89/20.77	0.07745/0.11940

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	14.42	14.47	17.46	30.00	18.66/20.54	36.00/21.00
5200MHz	Pass	1.20	14.57	14.77	17.68	30.00	18.88/20.76	36.00/21.00
5240MHz	Pass	1.20	14.73	14.63	17.69	30.00	18.89/20.77	36.00/21.00

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

Summary

Mode	Total Power	Total Power	EIRP / Elevation angle higher than 30° EIRP	EIRP / Elevation angle higher than 30° EIRP Limit
	(dBm)	(W)	(dBm)	(W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	17.76	0.05970	18.40/20.84	0.06918/0.12134
802.11ax HEW40_Nss2,(MCS0)_2TX	17.87	0.06124	18.51/20.95	0.07096/0.12445
802.11ax HEW80_Nss2,(MCS0)_2TX	17.64	0.05808	18.28/20.72	0.06730/0.11803

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	0.64	14.92	14.50	17.73	30.00	18.37/20.81	36.00/21.00
5200MHz	Pass	0.64	14.74	14.65	17.71	30.00	18.35/20.79	36.00/21.00
5240MHz	Pass	0.64	14.91	14.59	17.76	30.00	18.40/20.84	36.00/21.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	0.64	14.77	14.38	17.59	30.00	18.23/20.67	36.00/21.00
5230MHz	Pass	0.64	15.04	14.67	17.87	30.00	18.51/20.95	36.00/21.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	0.64	14.74	14.52	17.64	30.00	18.28/20.72	36.00/21.00

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



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Non beamforming mode**

Appendix C.24

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.90	0.06166	19.10/20.98	0.08128/0.12531
802.11ax HEW20_Nss1,(MCS0)_4TX	17.85	0.06095	19.05/20.93	0.08035/0.12388
802.11ax HEW40_Nss1,(MCS0)_4TX	17.68	0.05861	18.88/20.76	0.07727/0.11912
802.11ax HEW80_Nss1,(MCS0)_4TX	17.71	0.05902	18.91/20.79	0.07780/0.11995



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Non beamforming mode**

Appendix C.24

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)		
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	11.90	11.64	11.59	11.73	17.74	29.14	18.94/20.82	36.00/21.00
5200MHz	Pass	1.20	11.94	11.31	11.14	11.58	17.52	29.14	18.72/20.60	36.00/21.00
5240MHz	Pass	1.20	11.65	12.15	11.66	12.02	17.90	29.14	19.10/20.98	36.00/21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.20	12.15	11.26	11.94	11.90	17.85	29.14	19.05/20.93	36.00/21.00
5200MHz	Pass	1.20	11.28	11.99	11.90	11.79	17.77	29.14	18.97/20.85	36.00/21.00
5240MHz	Pass	1.20	11.44	11.75	11.62	11.84	17.69	29.14	18.89/20.77	36.00/21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1.20	11.78	11.12	11.87	11.68	17.64	29.14	18.84/20.72	36.00/21.00
5230MHz	Pass	1.20	11.43	11.64	11.96	11.61	17.68	29.14	18.88/20.76	36.00/21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1.20	11.59	11.58	11.98	11.58	17.71	29.14	18.91/20.79	36.00/21.00

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



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Beamforming mode**

Appendix C.25

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.72	0.01486	18.58/20.82	0.07211/0.12078
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.77	0.01503	18.63/20.87	0.07295/0.12218
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	11.73	0.01489	18.59/20.83	0.07228/0.12106



**Average Power_Set 4 antenna with 70 degree_R2_4T1S_
Beamforming mode**

Appendix C.25

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.86	5.15	6.16	5.81	5.63	11.72	29.14	18.58/20.82	36.00/21.00
5200MHz	Pass	6.86	5.47	5.72	5.77	5.62	11.67	29.14	18.53/20.77	36.00/21.00
5240MHz	Pass	6.86	5.40	5.68	5.63	5.93	11.68	29.14	18.54/20.78	36.00/21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.86	5.32	5.98	6.11	5.53	11.77	29.14	18.63/20.87	36.00/21.00
5230MHz	Pass	6.86	5.71	5.59	5.46	5.83	11.67	29.14	18.53/20.77	36.00/21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.86	5.63	5.49	6.11	5.58	11.73	29.14	18.59/20.83	36.00/21.00

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

Summary

Mode	Total Power	Total Power	EIRP / Elevation angle higher than 30° EIRP	EIRP / Elevation angle higher than 30° EIRP Limit
	(dBm)	(W)	(dBm)	(W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	17.84	0.06081	18.69/20.92	0.07396/0.12359
802.11ax HEW40_Nss4,(MCS0)_4TX	17.77	0.05984	18.62/20.85	0.07278/0.12162
802.11ax HEW80_Nss4,(MCS0)_4TX	17.90	0.06166	18.75/20.98	0.07499/0.12531

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.85	11.99	11.50	11.89	11.89	17.84	30.00	18.69/20.92	36.00/21.00
5200MHz	Pass	0.85	12.09	11.34	11.91	11.26	17.69	30.00	18.54/20.77	36.00/21.00
5240MHz	Pass	0.85	12.30	11.17	11.75	11.48	17.72	30.00	18.57/20.80	36.00/21.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.85	11.86	11.34	12.03	11.73	17.77	30.00	18.62/20.85	36.00/21.00
5230MHz	Pass	0.85	12.05	11.20	11.51	11.91	17.70	30.00	18.55/20.78	36.00/21.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.85	11.94	11.70	12.13	11.73	17.90	30.00	18.75/20.98	36.00/21.00

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



**Average Power_Set 5 antenna with 70 degree_
Scanning R1_2T1S_Outdoor**

Appendix C.27

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP Limit (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.40	0.05495	19.30/20.97	0.08511/0.12503



**Average Power_Set 5 antenna with 70 degree_
Scanning R1_2T1S_Outdoor**

Appendix C.27

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.90	14.05	14.70	17.40	30.00	19.30/20.97	36.00/21.00
5200MHz	Pass	1.90	14.16	14.36	17.27	30.00	19.17/20.84	36.00/21.00
5240MHz	Pass	1.90	14.15	14.40	17.29	30.00	19.19/20.86	36.00/21.00

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



Average Power_Set 5 antenna with 70 degree_Scanning R1_2T2S Appendix C.28

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	17.29	0.05358	18.67/20.86	0.07362/0.12190
802.11ax HEW40_Nss2,(MCS0)_2TX	17.23	0.05284	18.61/20.80	0.07261/0.12023
802.11ax HEW80_Nss2,(MCS0)_2TX	17.32	0.05395	18.70/20.89	0.07413/0.12274

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.38	14.15	14.31	17.24	30.00	18.62/20.81	36.00/21.00
5200MHz	Pass	1.38	14.09	14.37	17.24	30.00	18.62/20.81	36.00/21.00
5240MHz	Pass	1.38	14.23	14.32	17.29	30.00	18.67/20.86	36.00/21.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.38	14.03	14.36	17.21	30.00	18.59/20.78	36.00/21.00
5230MHz	Pass	1.38	14.12	14.32	17.23	30.00	18.61/20.80	36.00/21.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.38	14.32	14.30	17.32	30.00	18.70/20.89	36.00/21.00

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



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.90
802.11ax HEW20_Nss1,(MCS0)_1TX	11.67
802.11ax HEW40_Nss1,(MCS0)_1TX	6.52
802.11ax HEW80_Nss1,(MCS0)_1TX	1.41
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	12.01
802.11ax HEW20_Nss1,(MCS0)_1TX	11.32
802.11ax HEW40_Nss1,(MCS0)_1TX	8.00
802.11ax HEW80_Nss1,(MCS0)_1TX	3.06

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.80	10.37	10.37	17.00
5200MHz	Pass	2.80	11.90	11.90	17.00
5240MHz	Pass	2.80	10.44	10.44	17.00
5745MHz	Pass	2.30	10.58	10.58	30.00
5785MHz	Pass	2.30	12.01	12.01	30.00
5825MHz	Pass	2.30	10.57	10.57	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.80	9.91	9.91	17.00
5200MHz	Pass	2.80	11.67	11.67	17.00
5240MHz	Pass	2.80	9.42	9.42	17.00
5745MHz	Pass	2.30	10.01	10.01	30.00
5785MHz	Pass	2.30	11.32	11.32	30.00
5825MHz	Pass	2.30	10.05	10.05	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.80	4.78	4.78	17.00
5230MHz	Pass	2.80	6.52	6.52	17.00
5755MHz	Pass	2.30	6.29	6.29	30.00
5795MHz	Pass	2.30	8.00	8.00	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	2.80	1.41	1.41	17.00
5775MHz	Pass	2.30	3.06	3.06	30.00

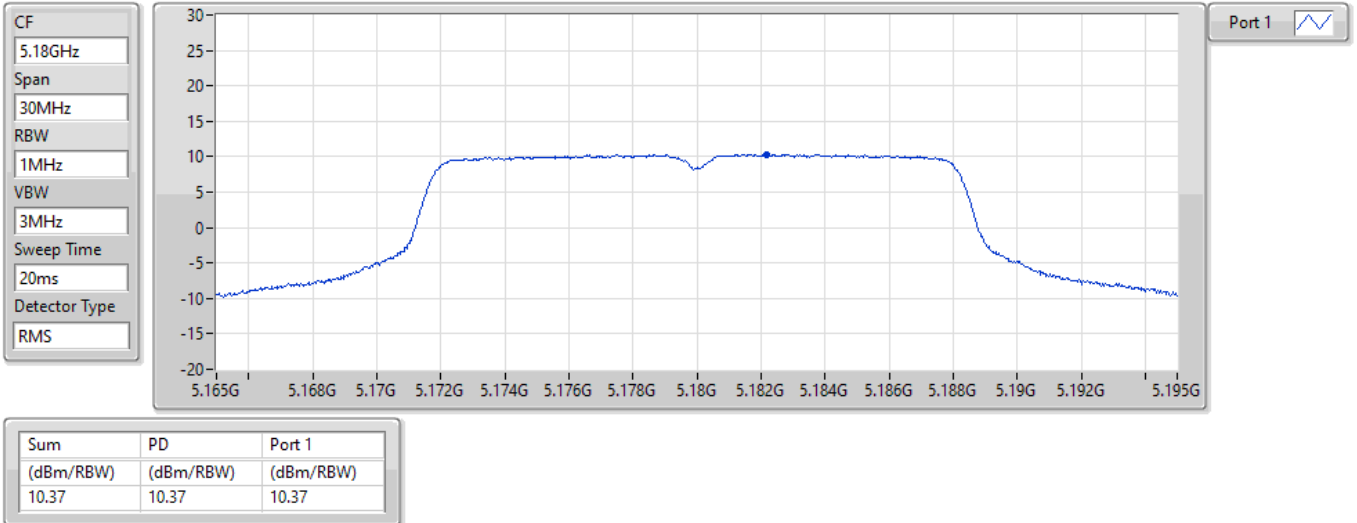
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

16/07/2022

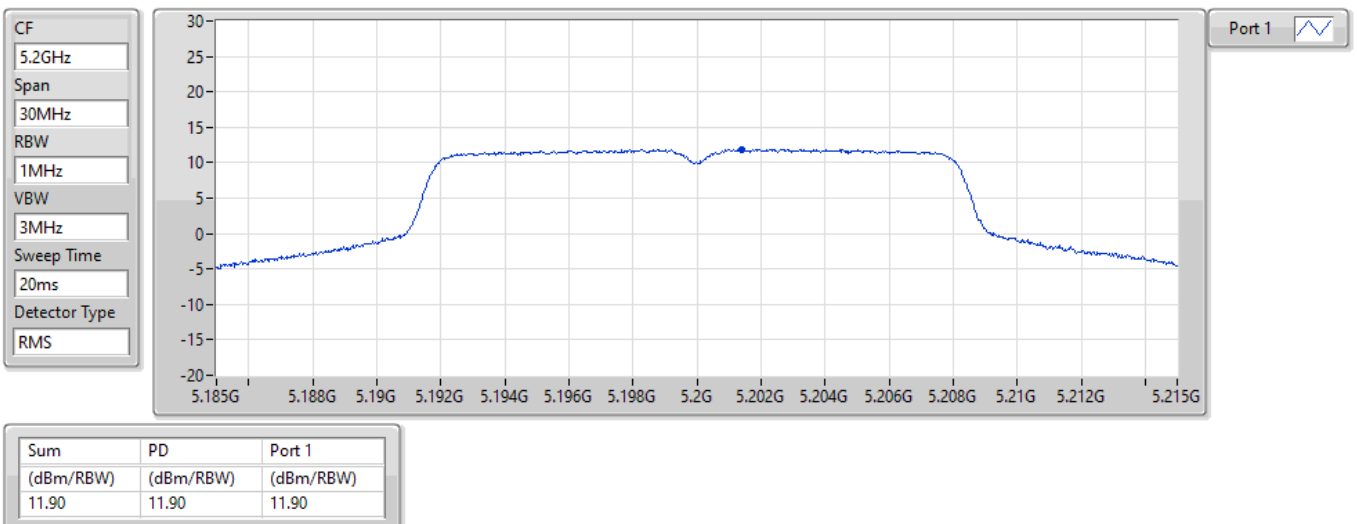


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

16/07/2022

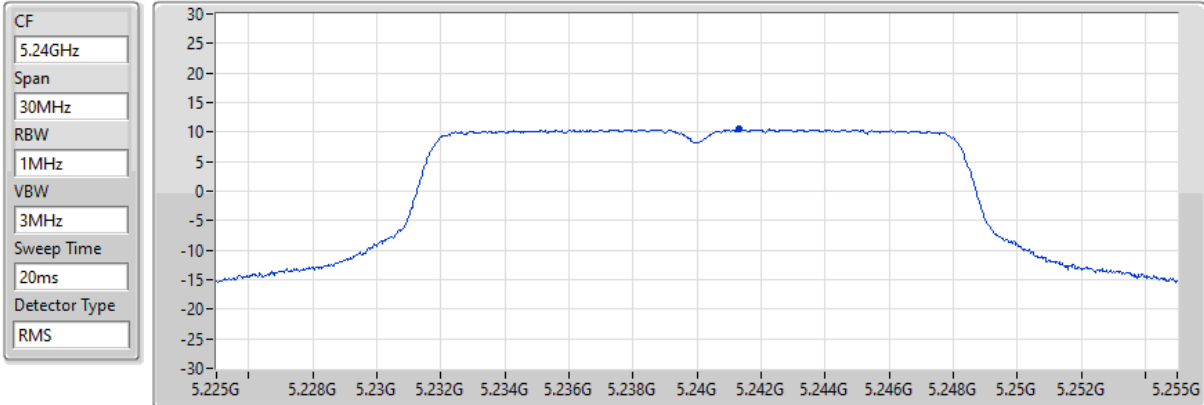


802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

16/07/2022



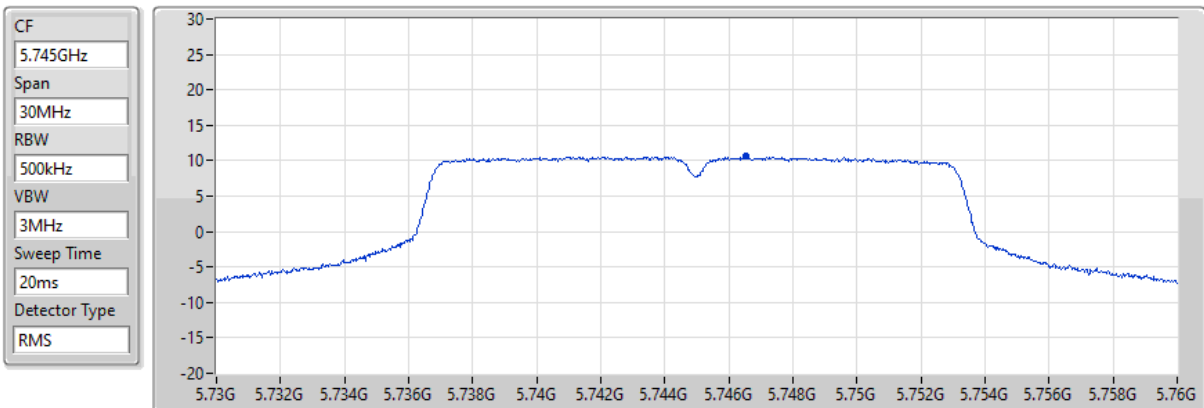
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	10.44

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

07/07/2022



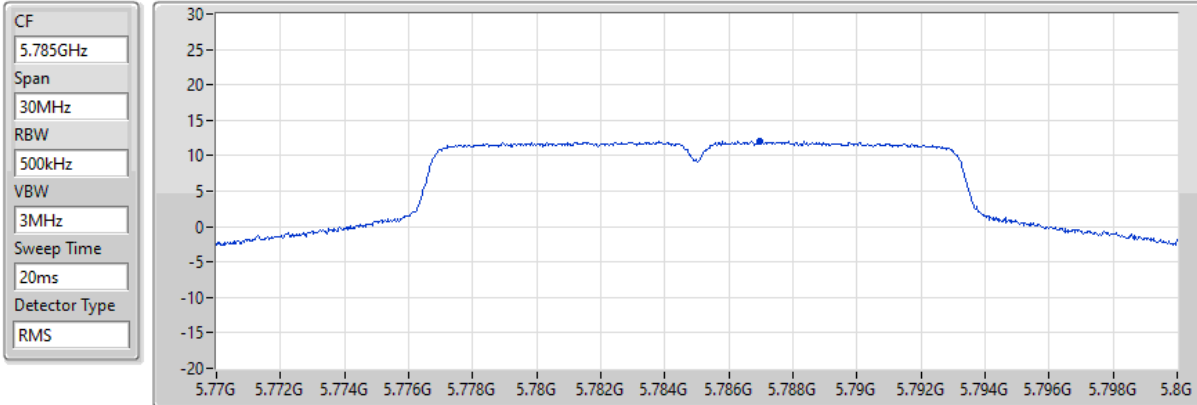
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	10.58

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

07/07/2022



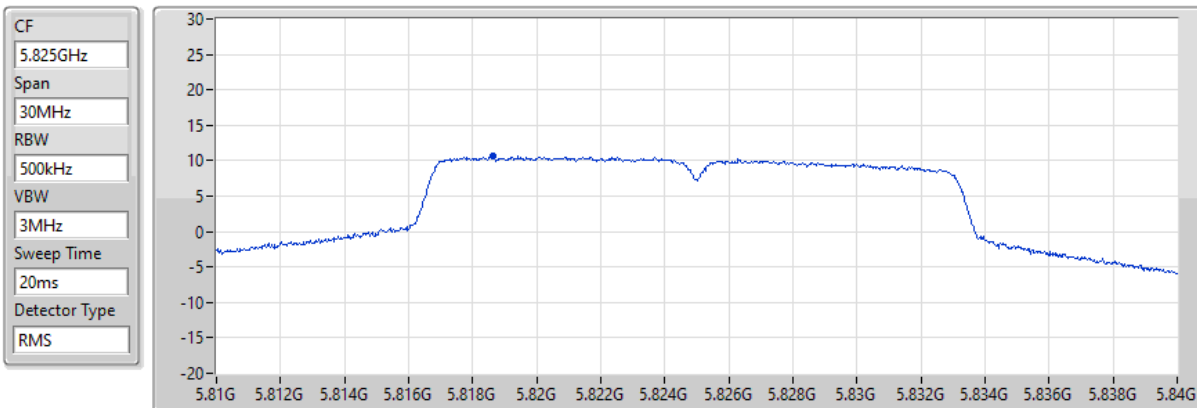
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.01	12.01	12.01

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

07/07/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	10.57

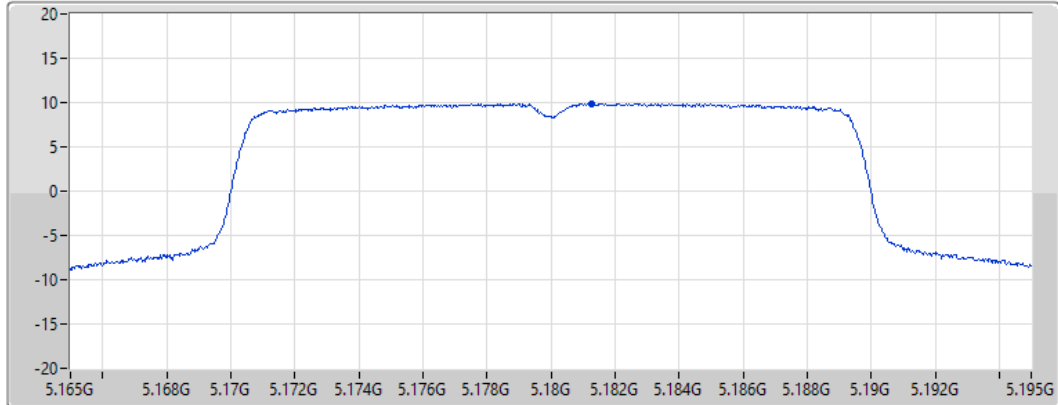
802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

16/07/2022

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.91	9.91	9.91

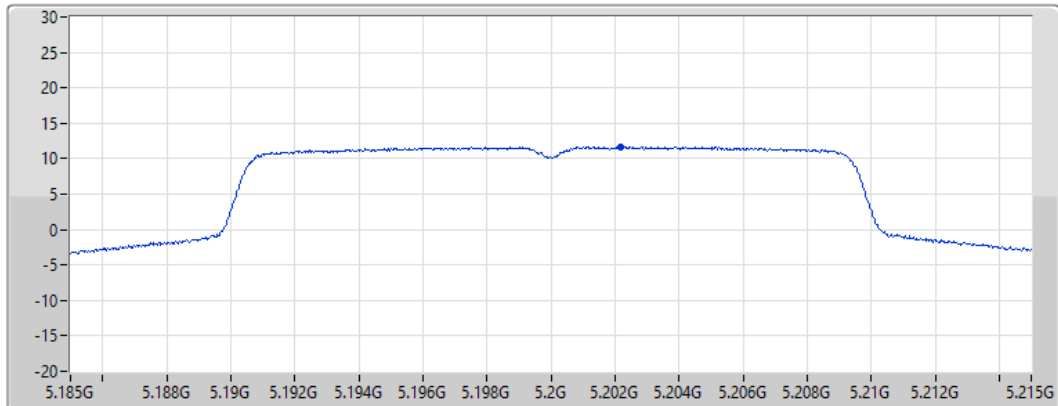
802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

16/07/2022

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

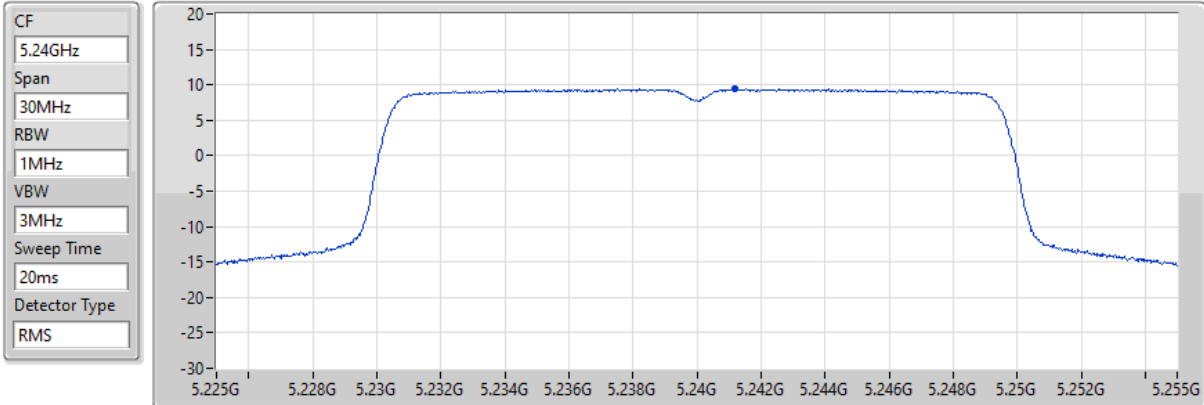
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.67	11.67	11.67

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

16/07/2022

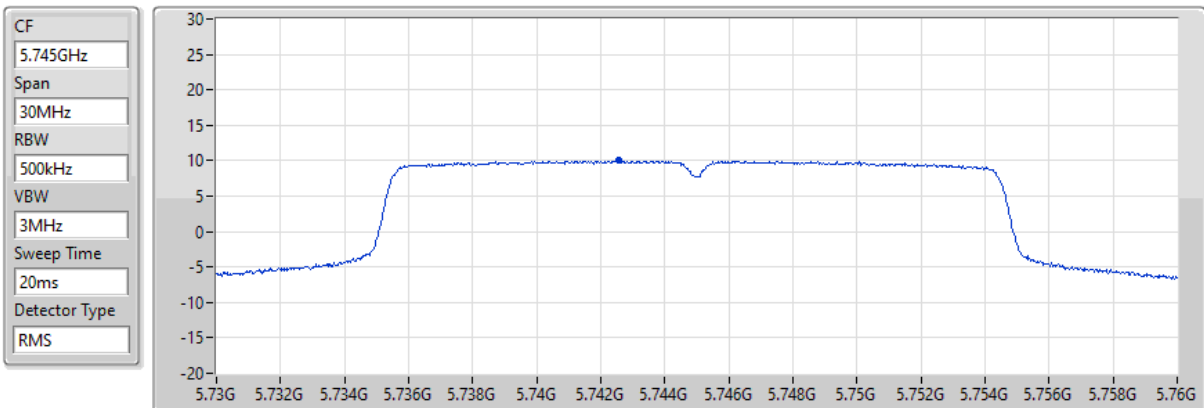


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

07/07/2022

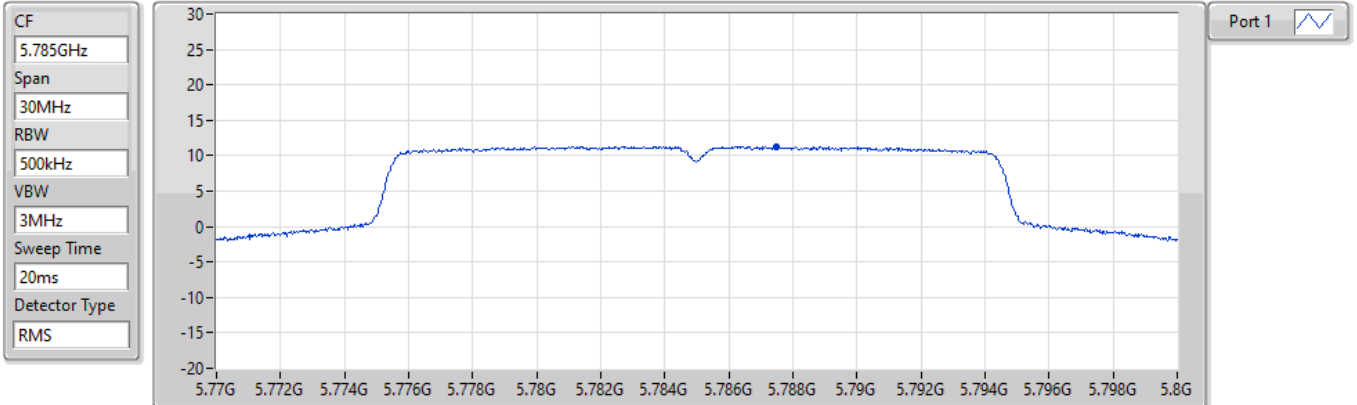


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

07/07/2022

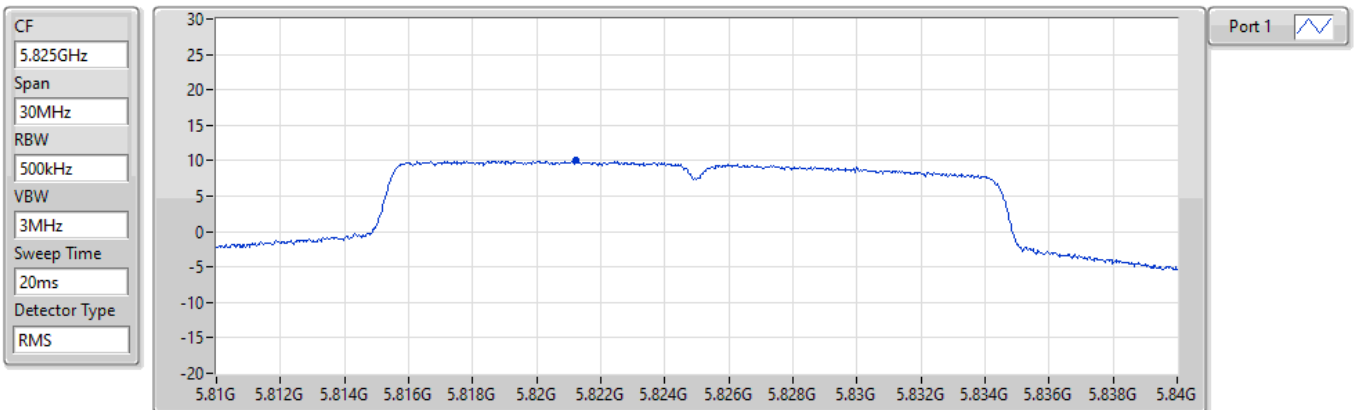


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

07/07/2022

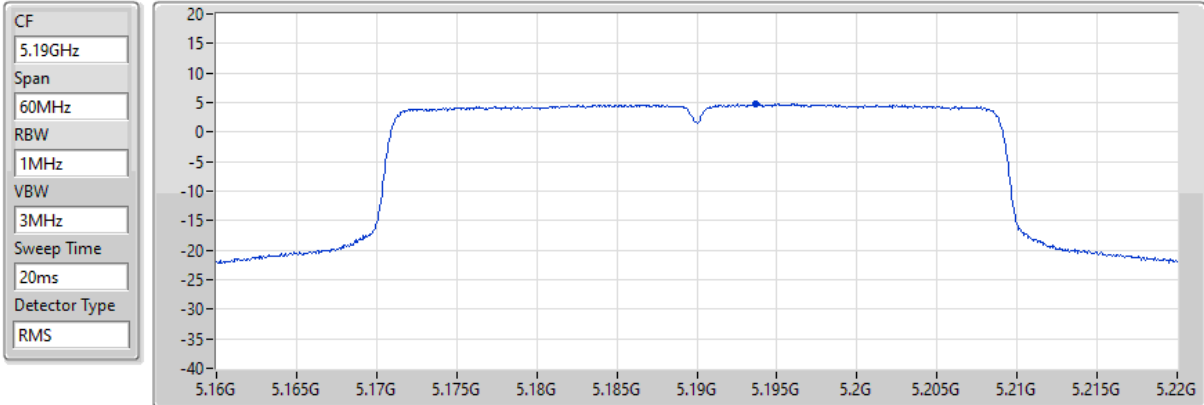


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

07/07/2022



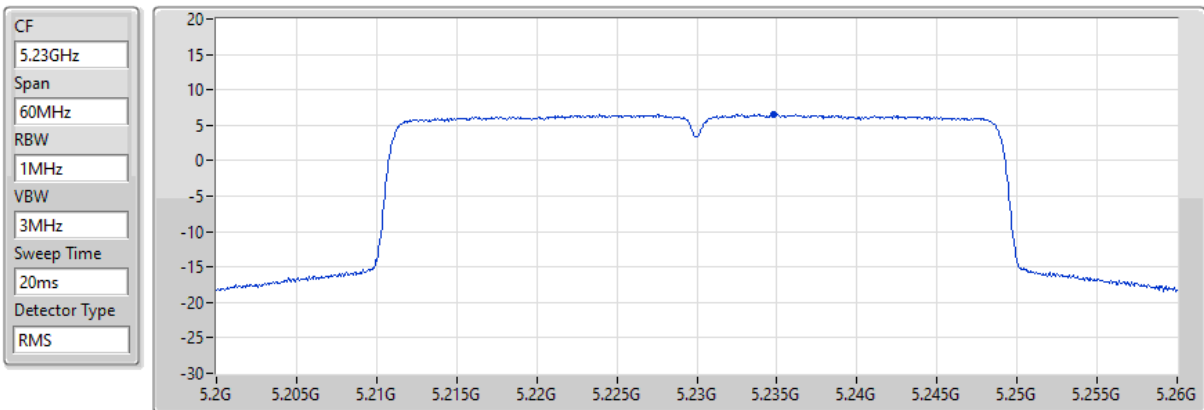
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	4.78

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

16/07/2022



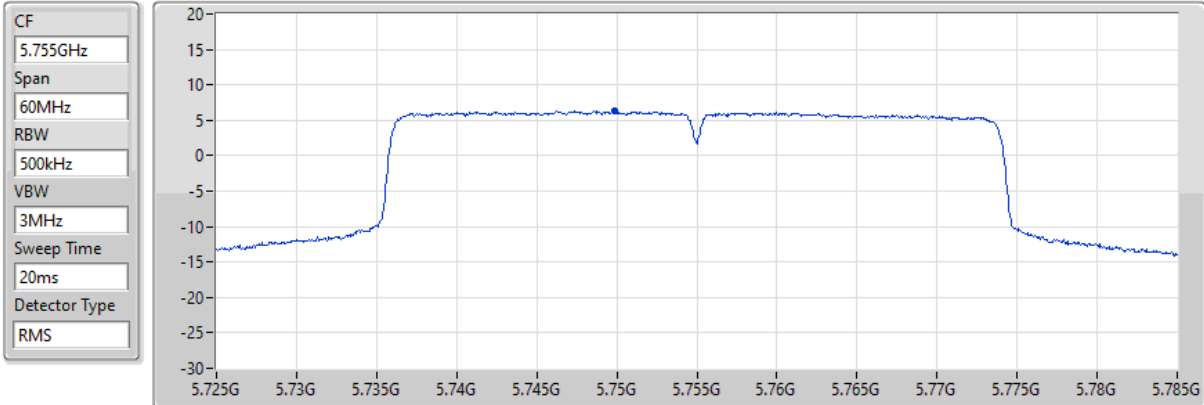
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	6.52

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

07/07/2022



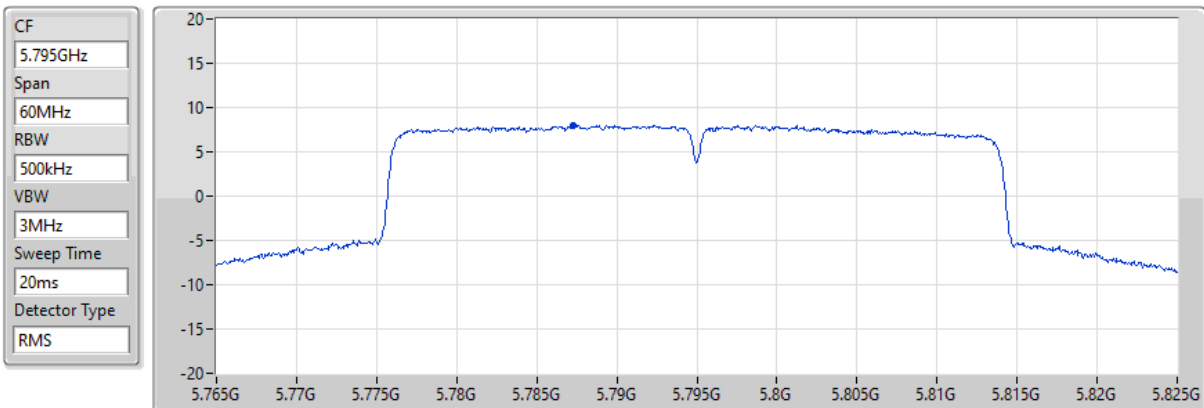
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.29	6.29	6.29

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

07/07/2022



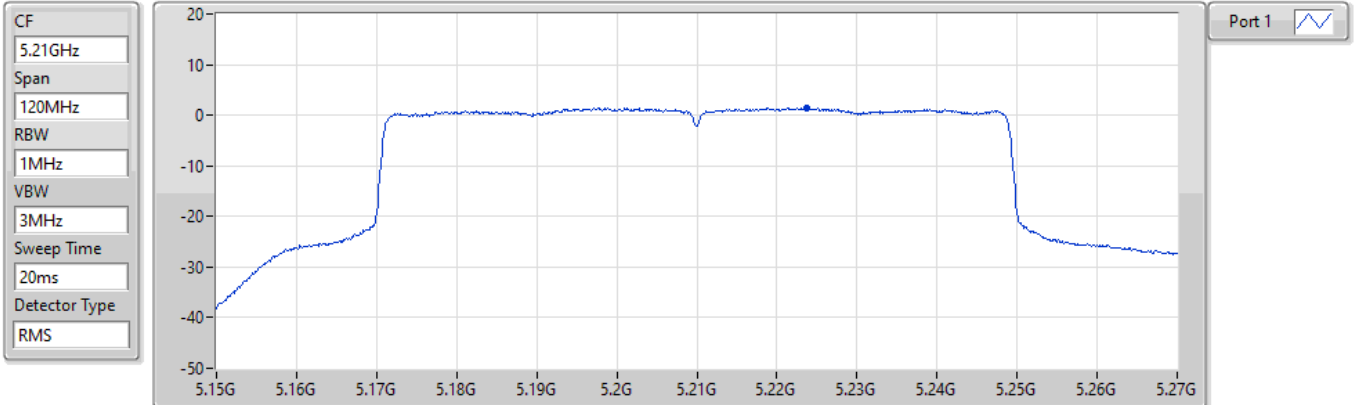
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.00	8.00	8.00

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

07/07/2022

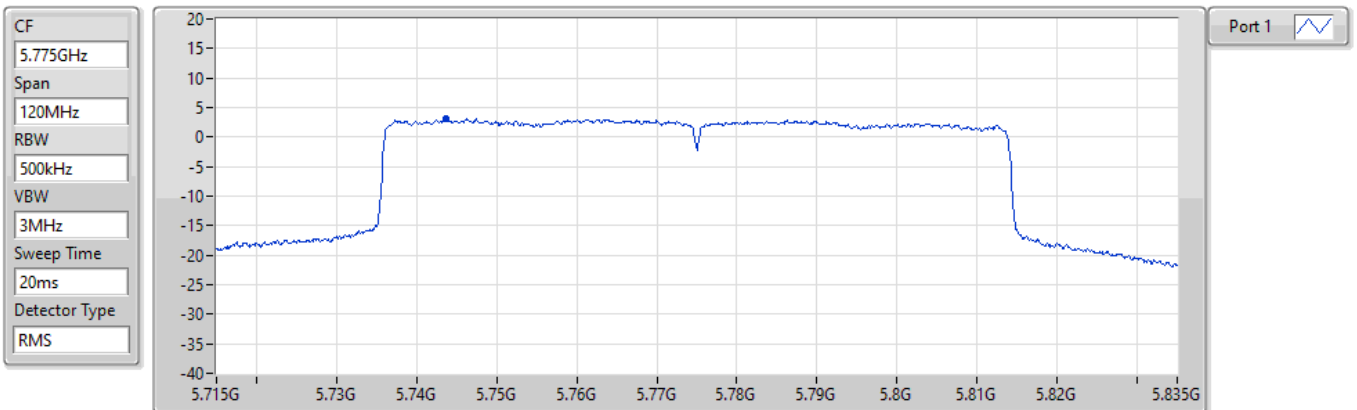


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

07/07/2022





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.15
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.13

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.01	7.77	8.73	11.20	16.99
5200MHz	Pass	6.01	9.60	10.61	13.07	16.99
5240MHz	Pass	6.01	9.82	10.62	13.15	16.99
5745MHz	Pass	5.82	4.13	4.34	7.19	30.00
5785MHz	Pass	5.82	9.62	10.72	13.13	30.00
5825MHz	Pass	5.82	10.39	9.94	13.10	30.00

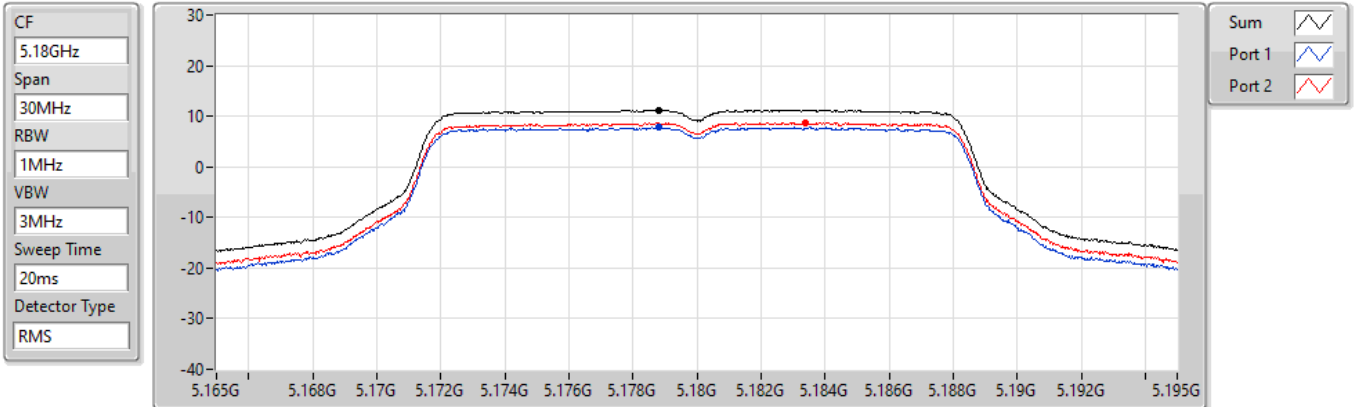
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

16/07/2022

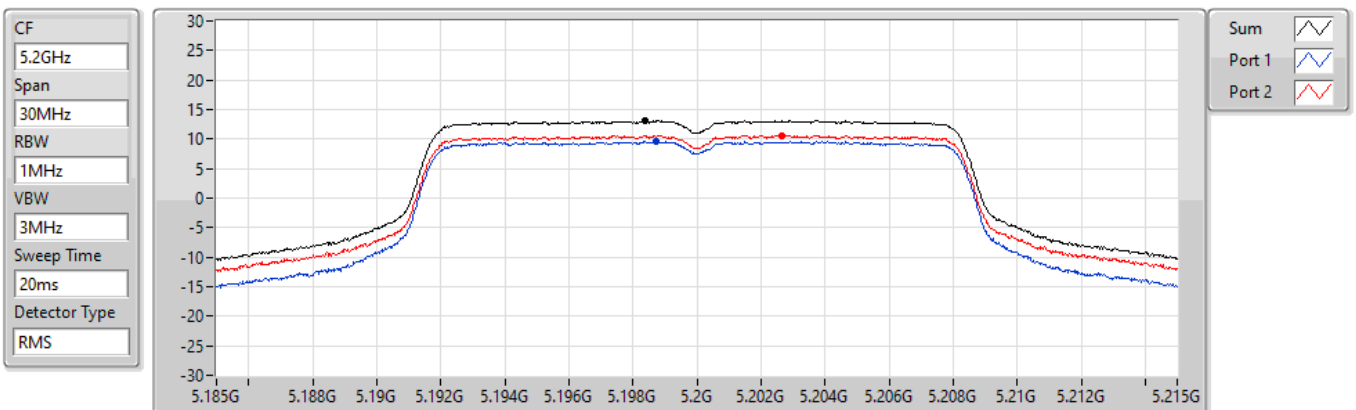


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

16/07/2022

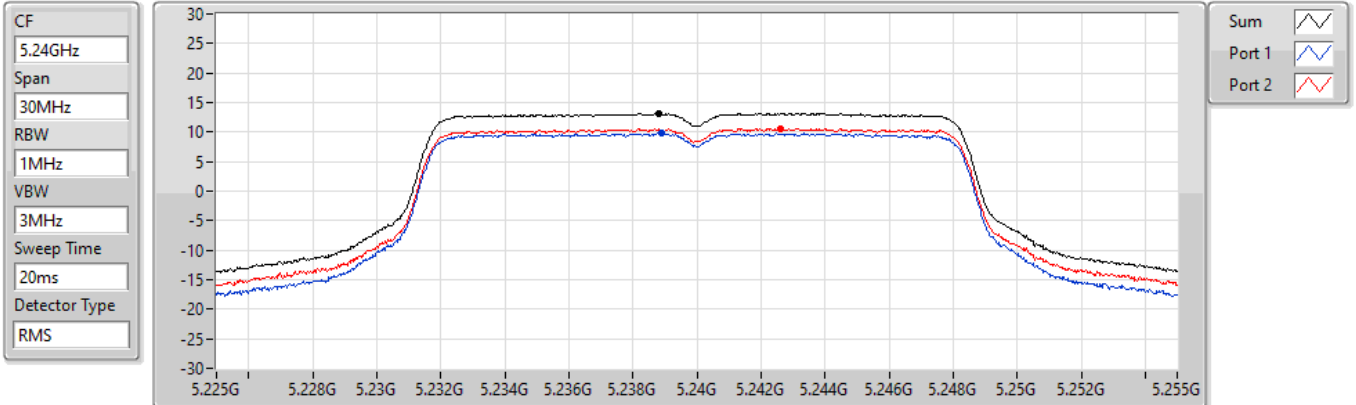


802.11a_Nss1,(6Mbps)_2TX

5240MHz

PSD

16/07/2022

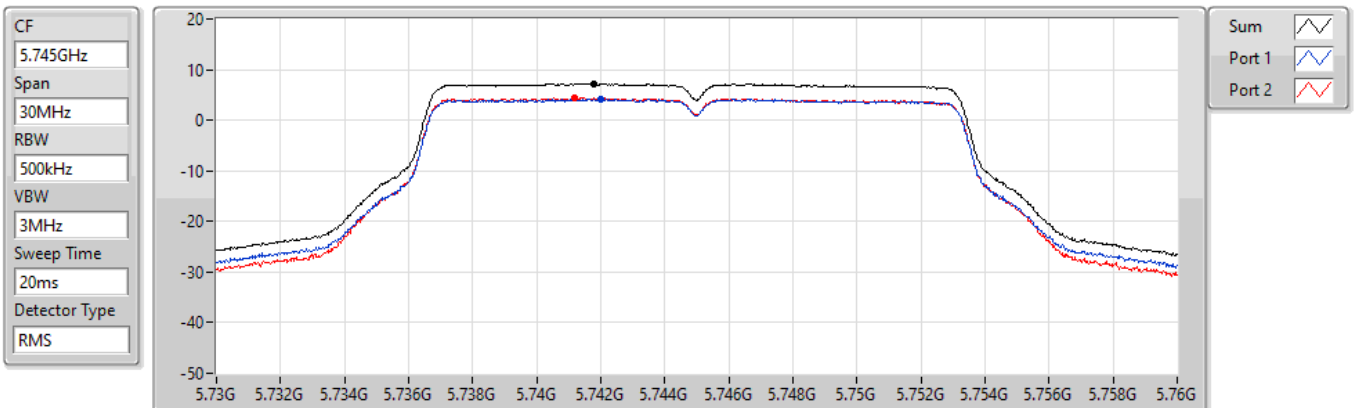


802.11a_Nss1,(6Mbps)_2TX

5745MHz

PSD

07/07/2022

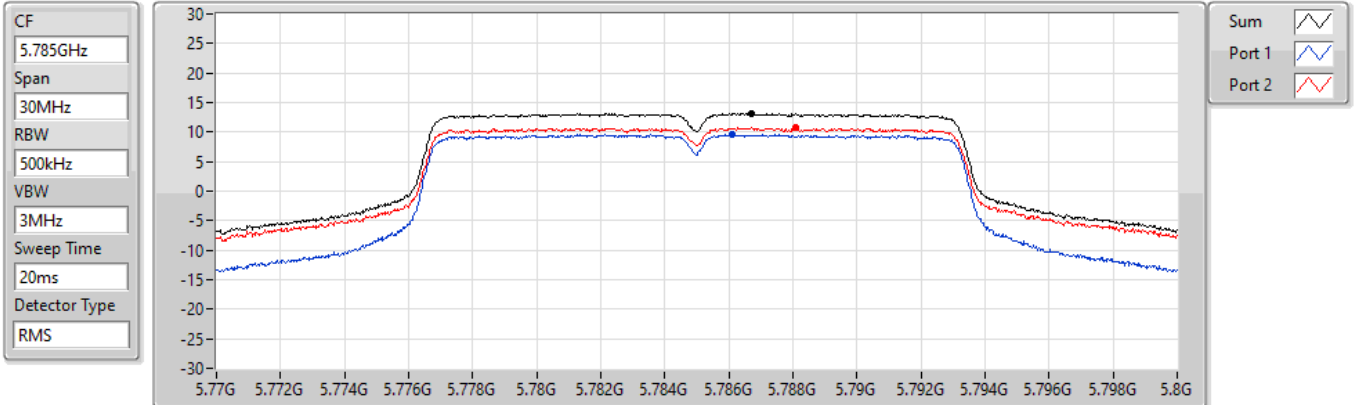


802.11a_Nss1,(6Mbps)_2TX

5785MHz

PSD

07/07/2022

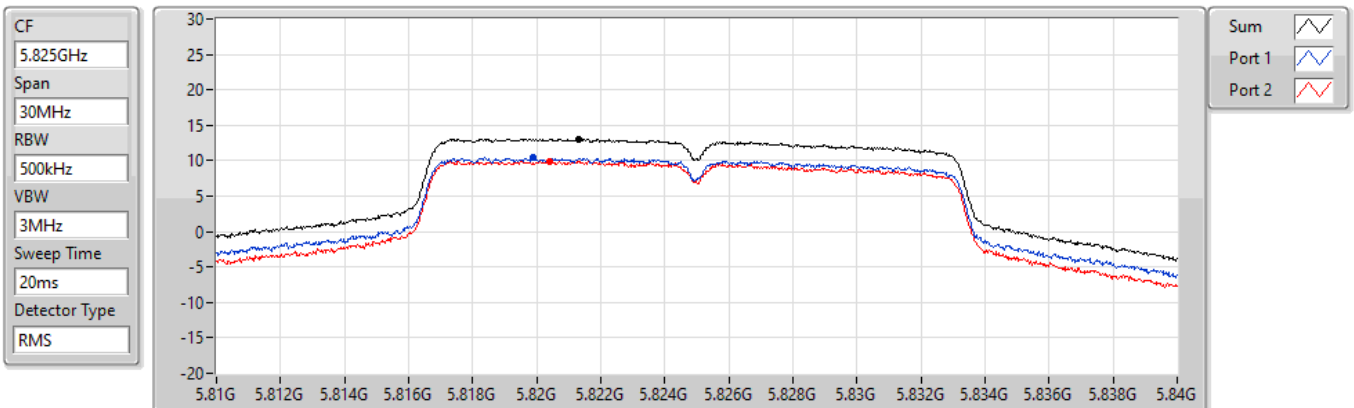


802.11a_Nss1,(6Mbps)_2TX

5825MHz

PSD

07/07/2022





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	12.85
802.11ax HEW40_Nss2,(MCS0)_2TX	9.88
802.11ax HEW80_Nss2,(MCS0)_2TX	2.97
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	12.81
802.11ax HEW40_Nss2,(MCS0)_2TX	9.92
802.11ax HEW80_Nss2,(MCS0)_2TX	3.30

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.00	6.95	7.64	10.28	17.00
5200MHz	Pass	3.00	9.44	10.26	12.85	17.00
5240MHz	Pass	3.00	9.37	9.81	12.58	17.00
5745MHz	Pass	2.83	7.04	7.89	10.44	30.00
5785MHz	Pass	2.83	9.33	10.47	12.81	30.00
5825MHz	Pass	2.83	9.94	9.55	12.69	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.00	2.61	2.95	5.75	17.00
5230MHz	Pass	3.00	6.78	7.13	9.88	17.00
5755MHz	Pass	2.83	3.76	4.33	6.99	30.00
5795MHz	Pass	2.83	6.78	7.33	9.92	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.00	-0.12	0.13	2.97	17.00
5775MHz	Pass	2.83	0.00	0.61	3.30	30.00

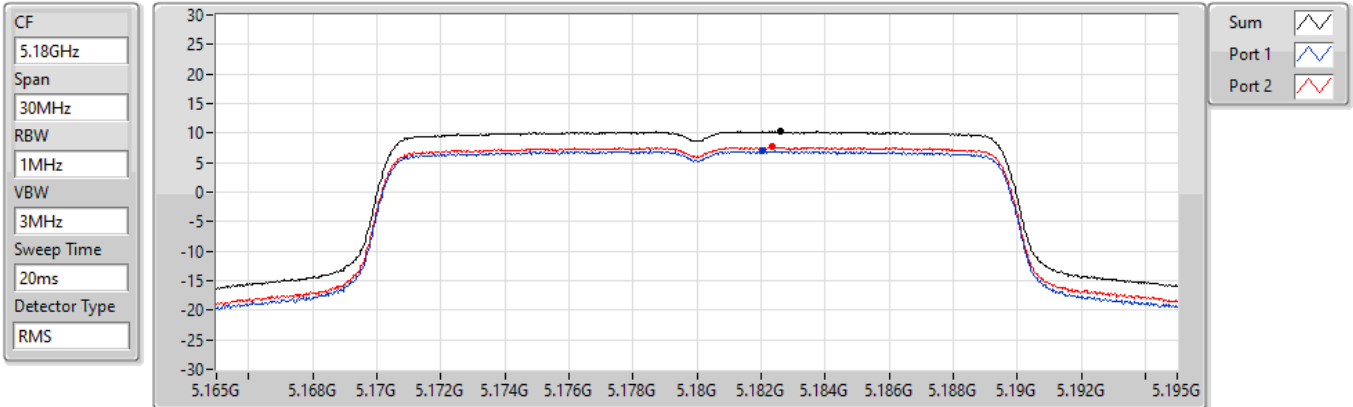
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

16/07/2022

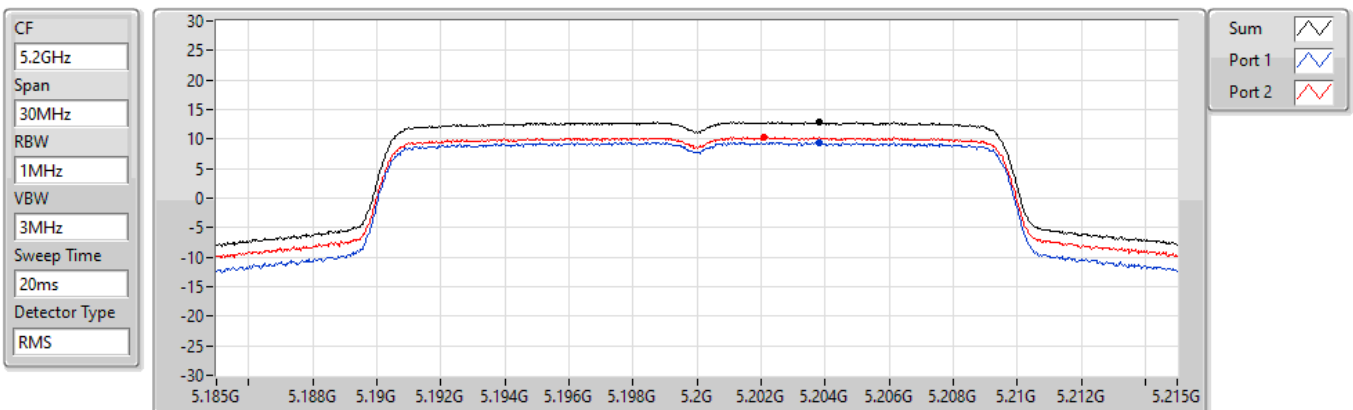


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

16/07/2022

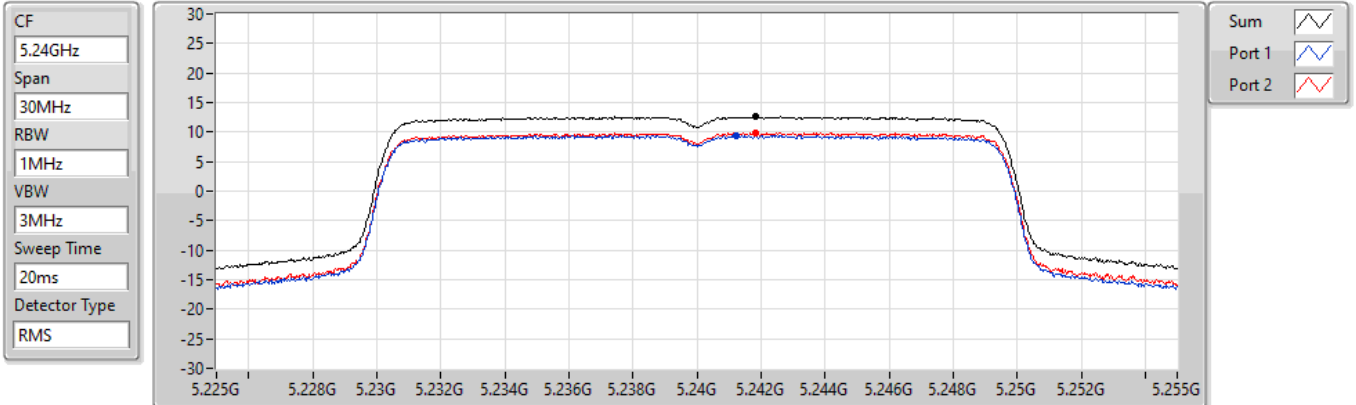


802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

16/07/2022



802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

07/07/2022

