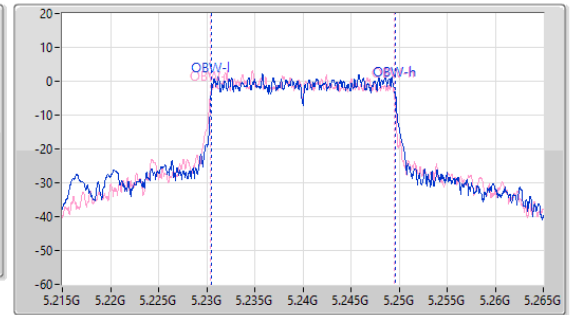
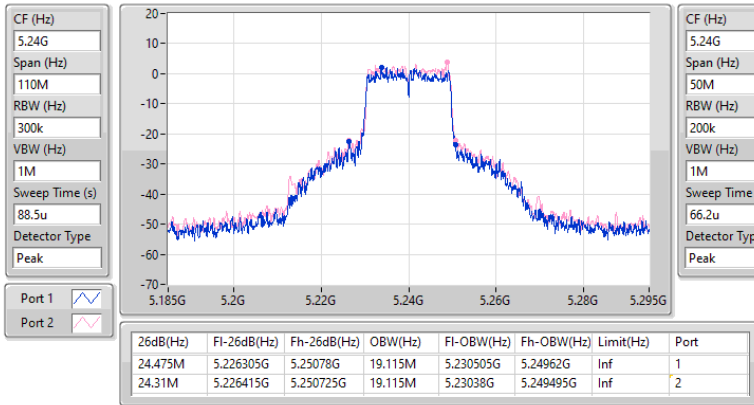


5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

27/05/2025

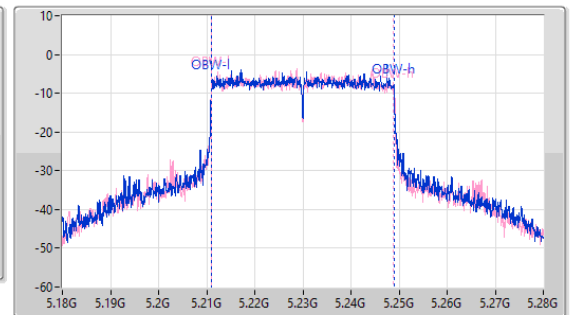
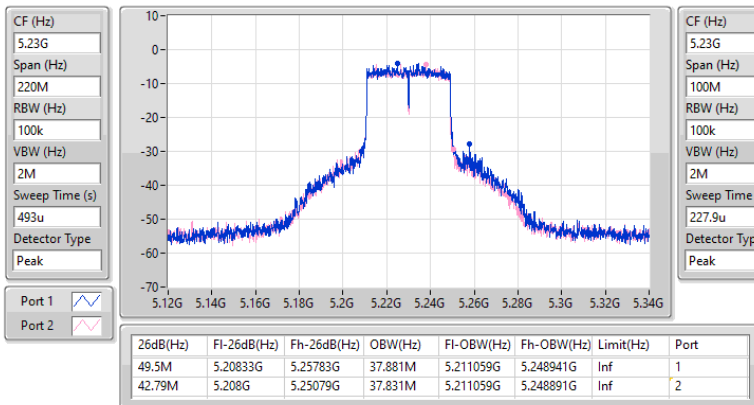


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5230MHz

27/05/2025

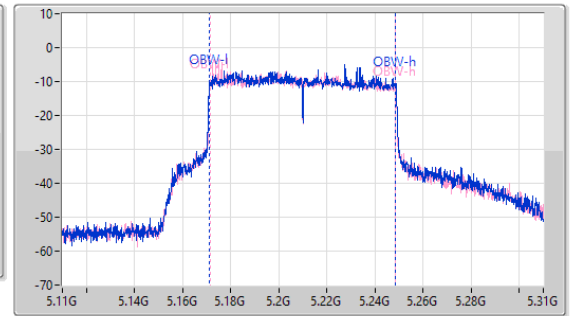
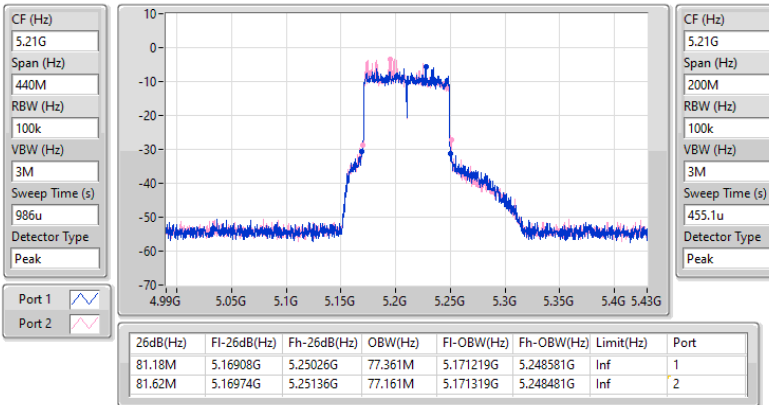


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

27/05/2025

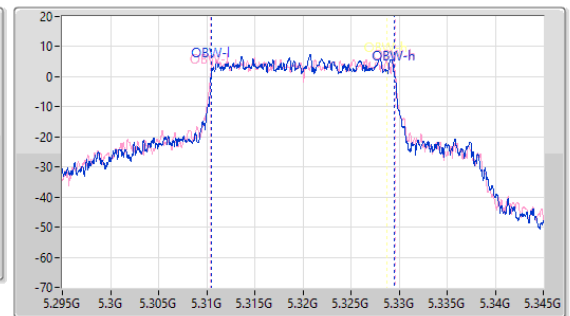
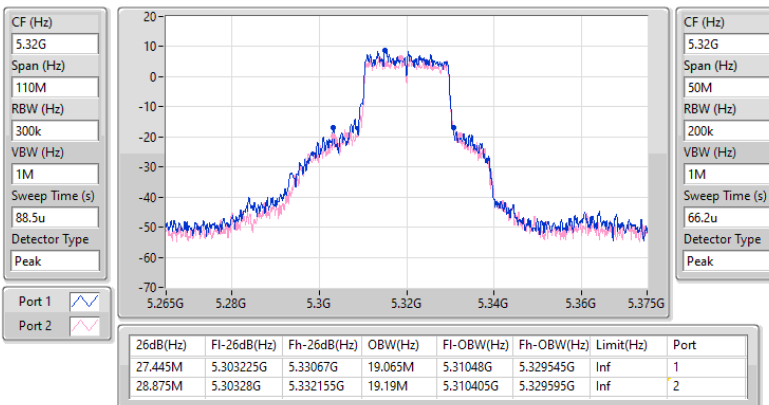


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

23/05/2025

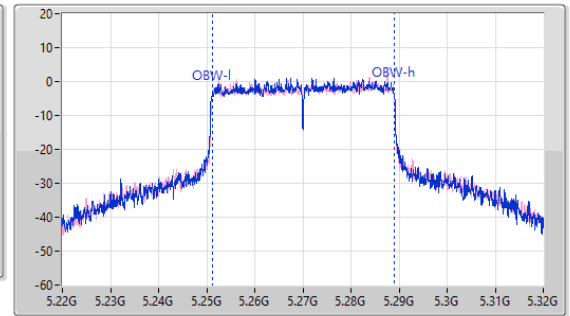
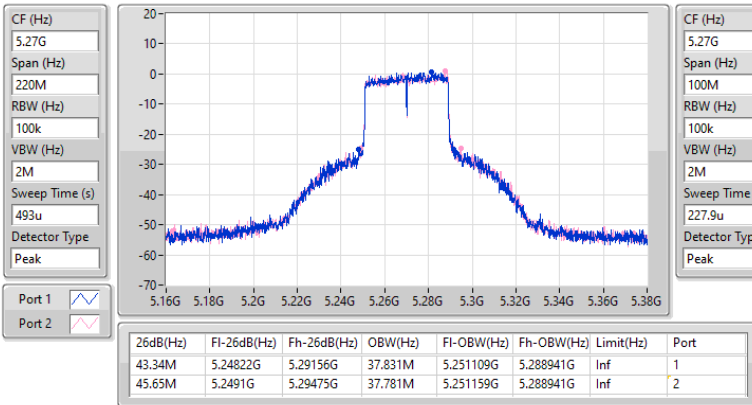


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

23/05/2025

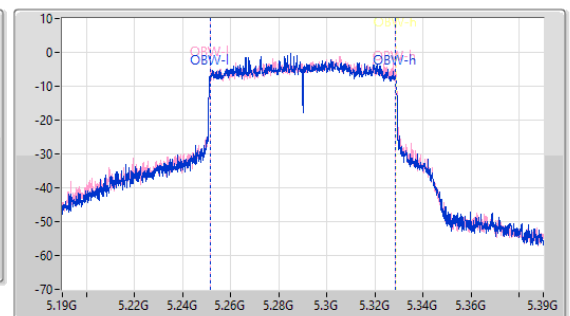
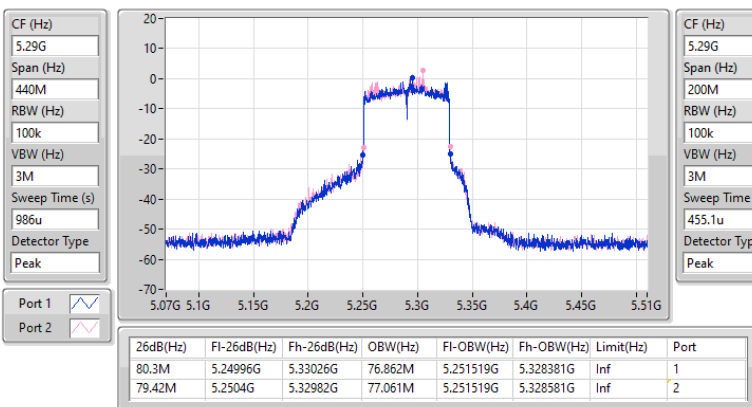


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

23/05/2025





EBW_Non-Beamforming_ Radio 3_1T1S_Patch_Outdoor_Peak Gain

Appendix B.24

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	23.21M	17.019M	17M0D1D	21.34M	16.778M
802.11be EHT20_Nss1,(MCS0)_1TX	22.11M	19.04M	19M0D1D	21.45M	18.966M
802.11be EHT40_Nss1,(MCS0)_1TX	47.96M	37.831M	37M8D1D	45.32M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	87.12M	77.261M	77M3D1D	87.12M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.77M	16.954M	17M0D1D	21.23M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	24.585M	19.19M	19M2D1D	21.12M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	43.12M	37.731M	37M7D1D	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	84.92M	77.061M	77M1D1D	84.92M	77.061M

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_Non-Beamforming_ Radio 3_1T1S_Patch_Outdoor_Peak Gain

Appendix B.24

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	23.21M	16.778M
5200MHz	Pass	Inf	21.34M	16.778M
5240MHz	Pass	Inf	22.275M	17.019M
5260MHz	Pass	Inf	21.45M	16.954M
5300MHz	Pass	Inf	21.23M	16.734M
5320MHz	Pass	Inf	22.77M	16.888M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.45M	19.04M
5200MHz	Pass	Inf	21.615M	18.991M
5240MHz	Pass	Inf	22.11M	18.966M
5260MHz	Pass	Inf	21.12M	19.04M
5300MHz	Pass	Inf	23.265M	18.991M
5320MHz	Pass	Inf	24.585M	19.19M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	45.32M	37.781M
5230MHz	Pass	Inf	47.96M	37.831M
5270MHz	Pass	Inf	43.12M	37.731M
5310MHz	Pass	Inf	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	87.12M	77.261M
5290MHz	Pass	Inf	84.92M	77.061M

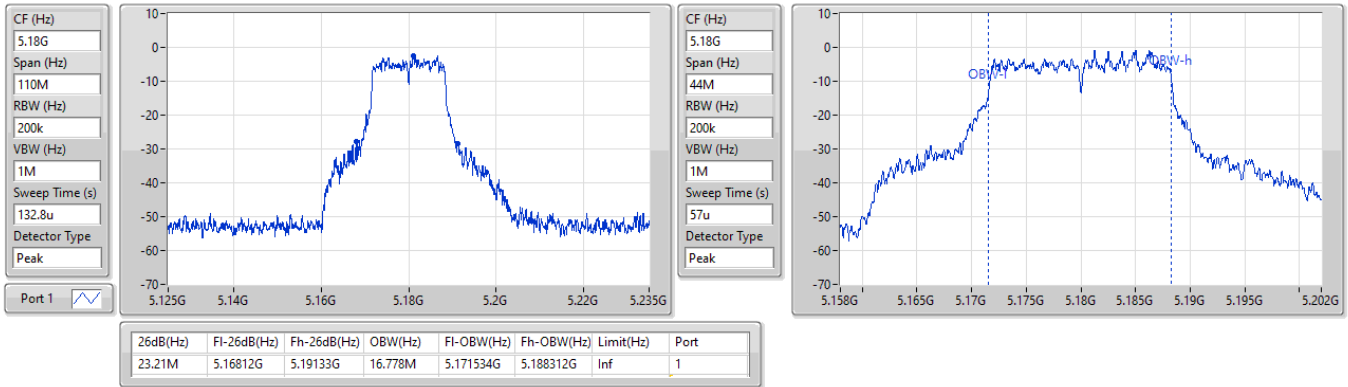
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

27/05/2025

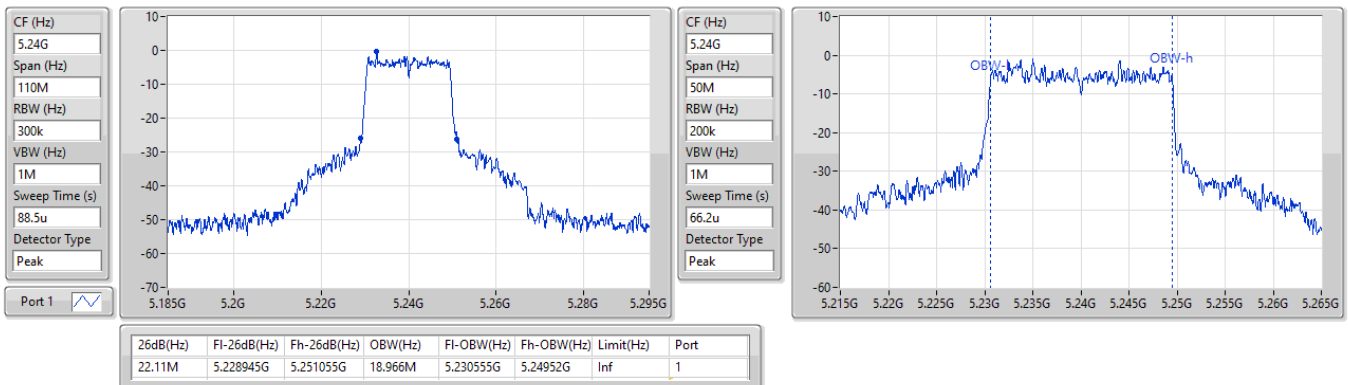


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5240MHz

27/05/2025

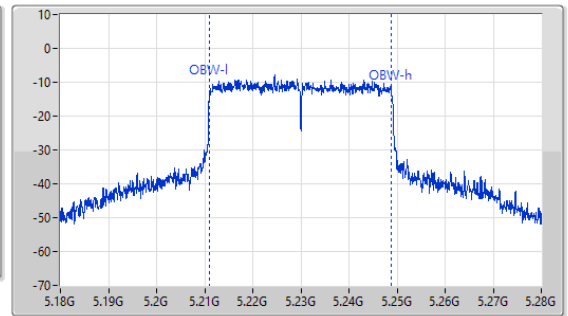
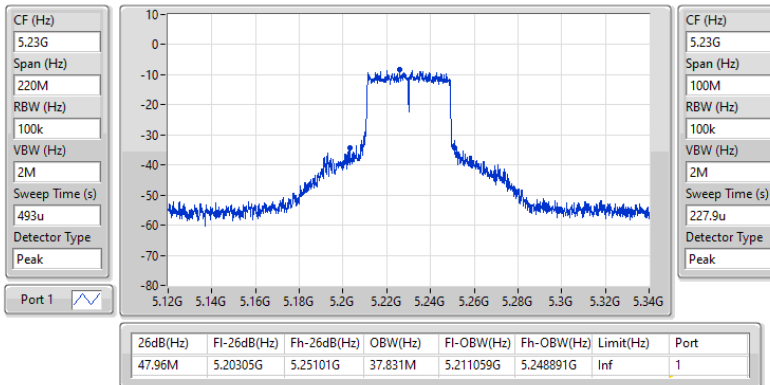


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5230MHz

27/05/2025

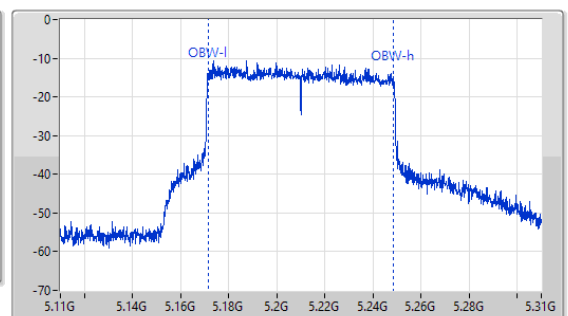
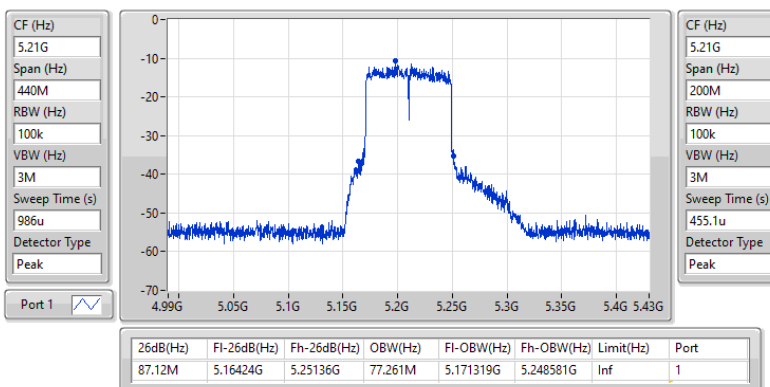


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

27/05/2025

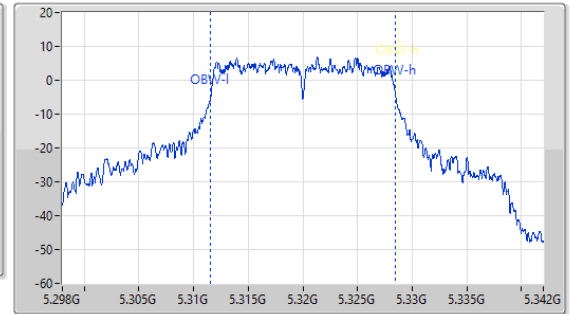
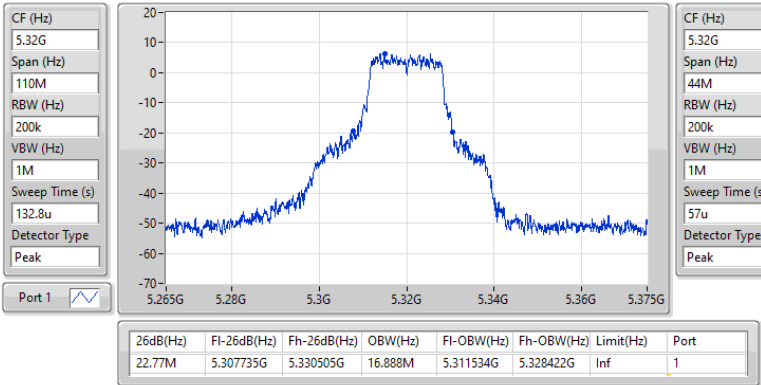


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

23/05/2025

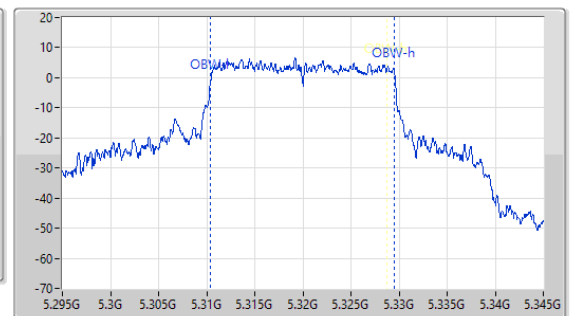
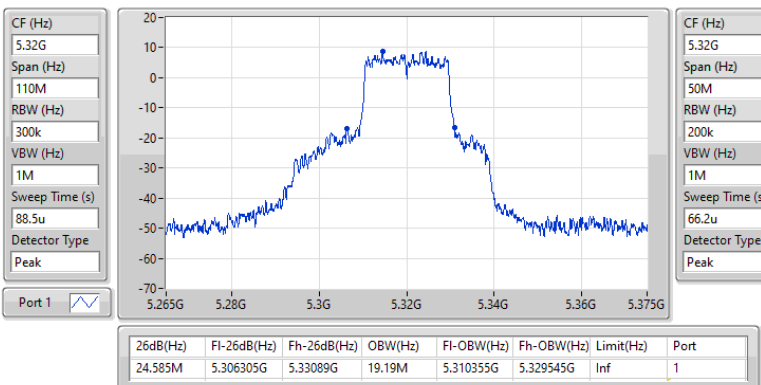


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

23/05/2025

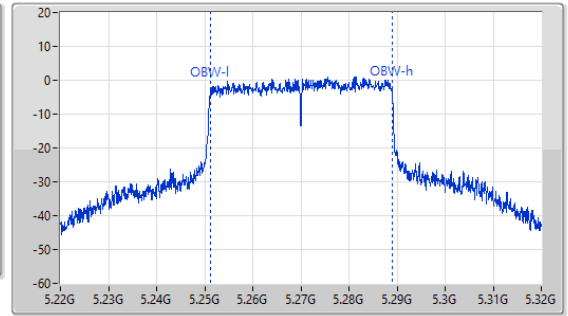
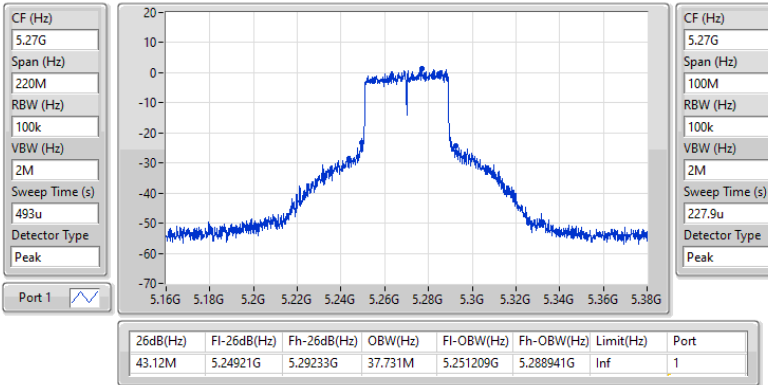


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

23/05/2025

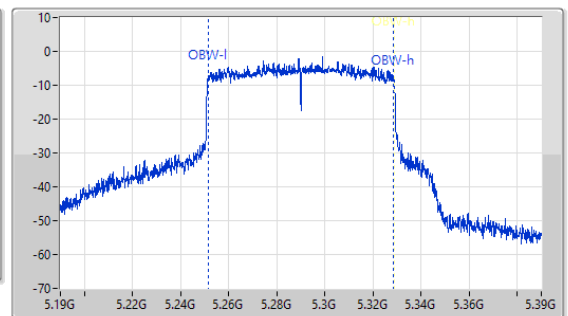
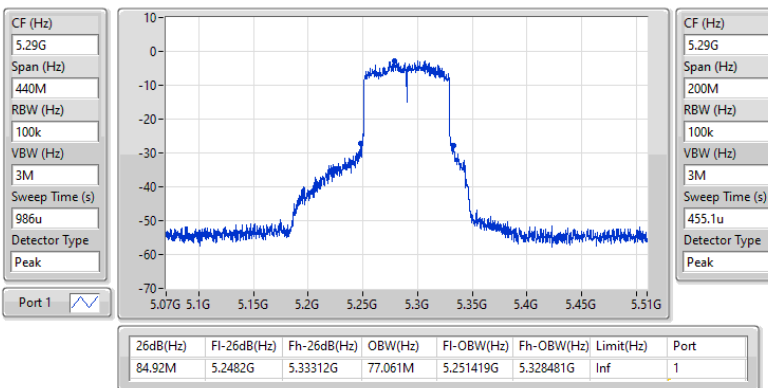


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

26/05/2025





EBW_Non-Beamforming_ Radio 3_2T1S_Patch_Outdoor_Peak Gain

Appendix B.25

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	22.77M	17.349M	17M3D1D	21.23M	16.69M
802.11be EHT20_Nss1,(MCS0)_2TX	23.705M	19.265M	19M3D1D	21.01M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	53.13M	37.831M	37M8D1D	42.13M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	83.6M	77.261M	77M3D1D	82.72M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.55M	16.998M	17M0D1D	20.405M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	25.575M	19.24M	19M2D1D	20.515M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	50.16M	37.831M	37M8D1D	42.24M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	83.82M	77.161M	77M2D1D	80.08M	76.962M

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_Non-Beamforming_ Radio 3_2T1S_Patch_Outdoor_Peak Gain

Appendix B.25

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	21.505M	16.69M	21.23M	16.69M
5200MHz	Pass	Inf	21.505M	17.349M	22.77M	16.712M
5240MHz	Pass	Inf	21.285M	16.8M	22.44M	16.866M
5260MHz	Pass	Inf	21.615M	16.756M	21.835M	16.998M
5300MHz	Pass	Inf	21.065M	16.756M	22.55M	16.756M
5320MHz	Pass	Inf	20.405M	16.8M	22.055M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.065M	19.015M	21.01M	19.115M
5200MHz	Pass	Inf	23.705M	19.015M	23.265M	19.04M
5240MHz	Pass	Inf	21.835M	19.265M	22.33M	19.04M
5260MHz	Pass	Inf	25.575M	19.24M	22.77M	19.065M
5300MHz	Pass	Inf	20.515M	19.09M	22.55M	19.015M
5320MHz	Pass	Inf	21.835M	18.991M	22.275M	19.14M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	44.33M	37.731M	53.13M	37.831M
5230MHz	Pass	Inf	42.13M	37.731M	42.79M	37.831M
5270MHz	Pass	Inf	42.24M	37.781M	50.16M	37.831M
5310MHz	Pass	Inf	46.97M	37.731M	43.56M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.72M	77.161M	83.6M	77.261M
5290MHz	Pass	Inf	80.08M	76.962M	83.82M	77.161M

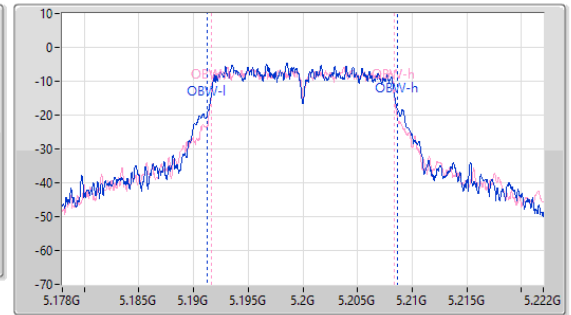
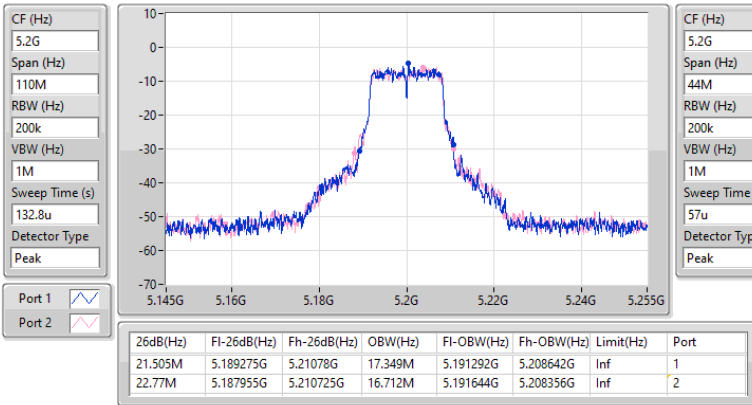
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

27/05/2025

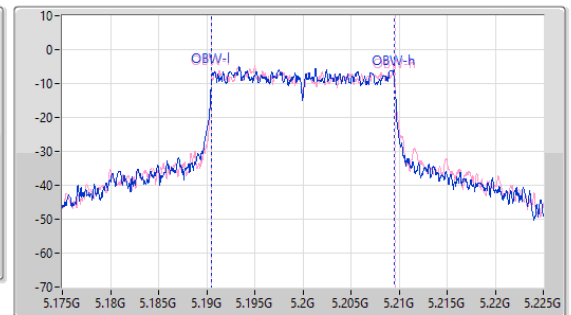
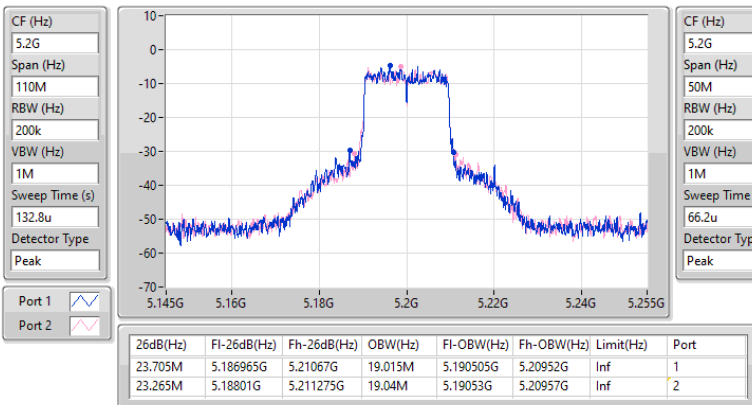


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

27/05/2025

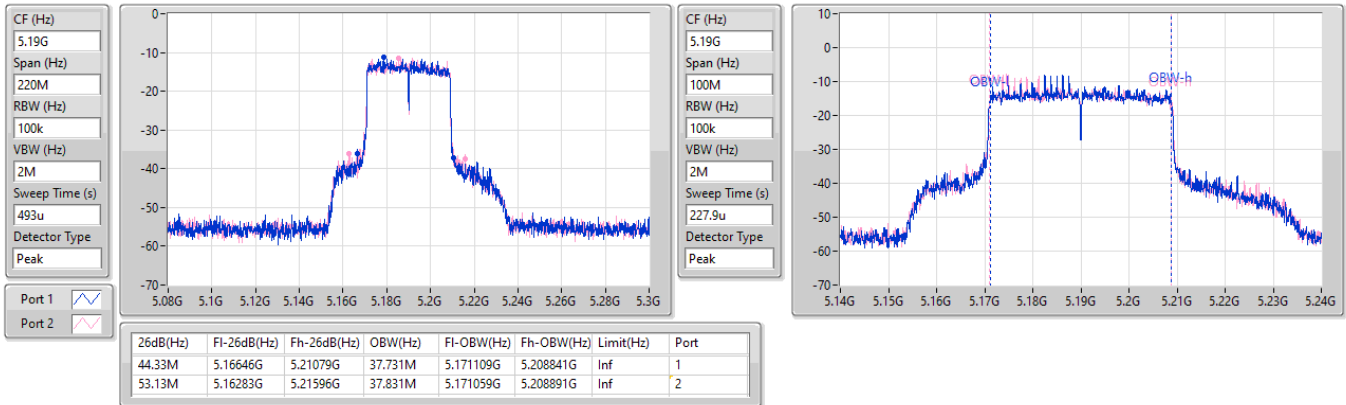


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

27/05/2025

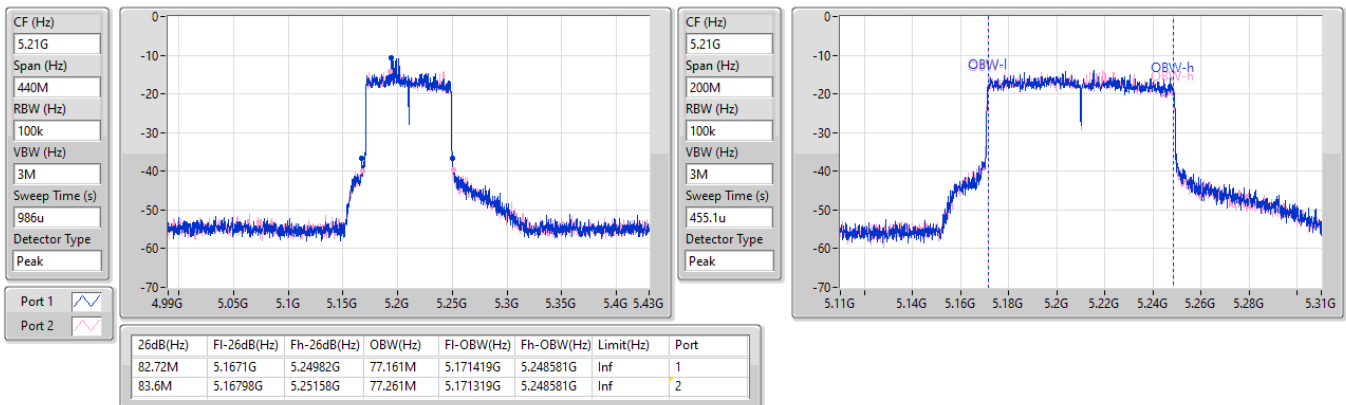


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

27/05/2025

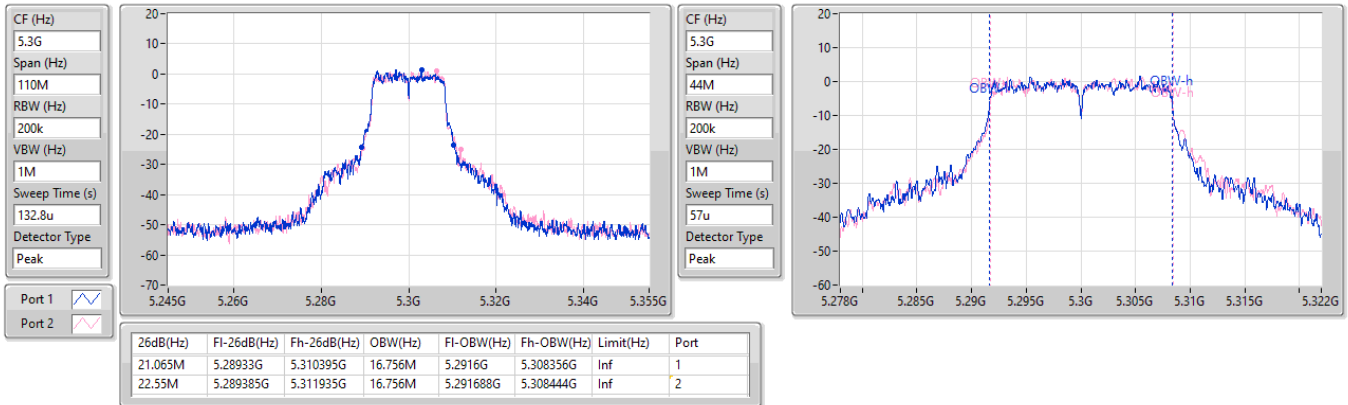


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

24/05/2025

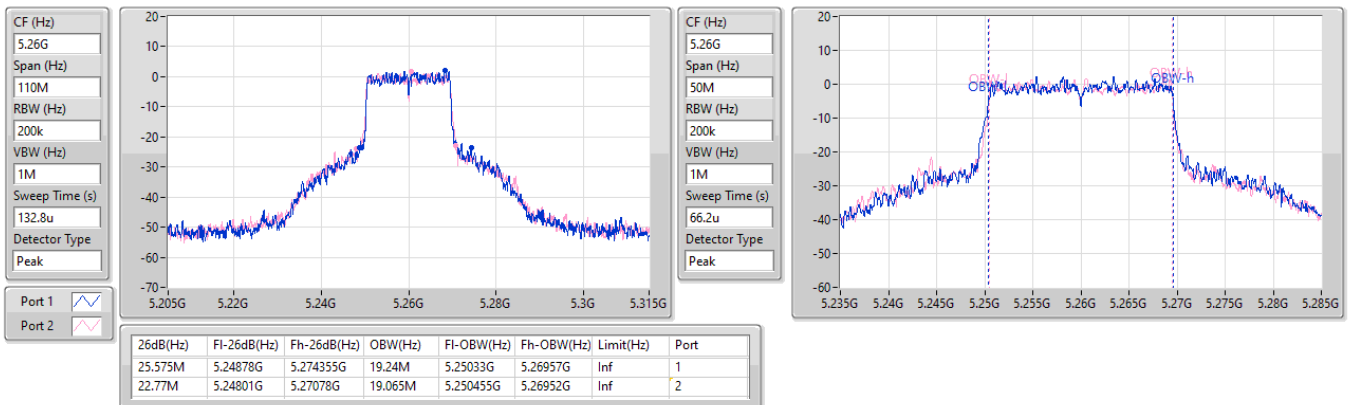


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

24/05/2025

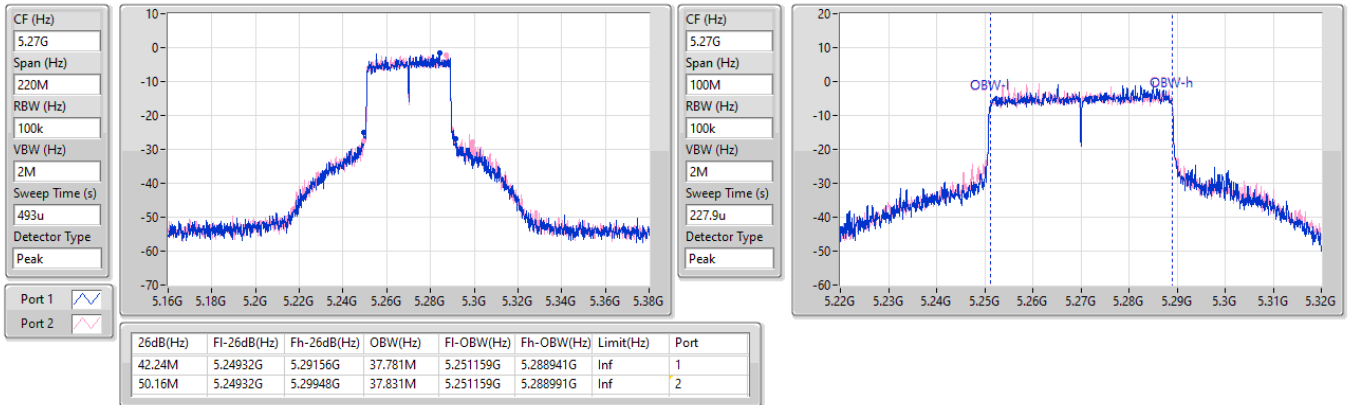


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

26/05/2025

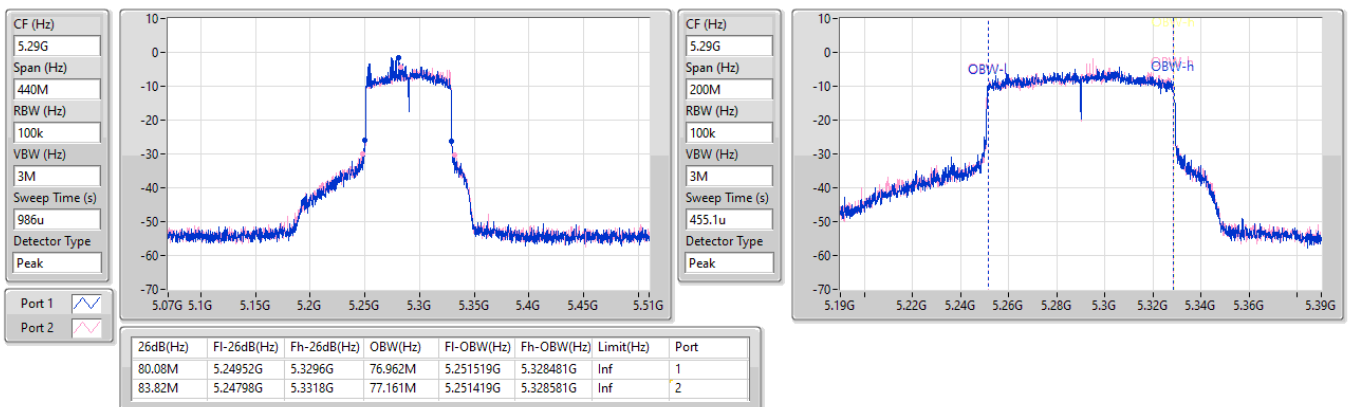


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

26/05/2025





EBW_Non-Beamforming_ Radio 3_2T2S_Patch_Outdoor_Peak Gain

Appendix B.26

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.585M	19.165M	19M2D1D	21.065M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	46.86M	37.881M	37M9D1D	42.46M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	86.24M	77.261M	77M3D1D	80.96M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.695M	19.215M	19M2D1D	21.45M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	49.83M	37.781M	37M8D1D	40.26M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	79.2M	77.061M	77M1D1D	79.2M	76.962M

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_Non-Beamforming_ Radio 3_2T2S_Patch_Outdoor_Peak Gain

Appendix B.26

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.595M	19.165M	21.285M	19.09M
5200MHz	Pass	Inf	24.475M	19.14M	21.065M	19.09M
5240MHz	Pass	Inf	24.585M	19.015M	22.165M	19.09M
5260MHz	Pass	Inf	21.505M	19.215M	21.45M	19.115M
5300MHz	Pass	Inf	24.695M	19.04M	21.89M	19.04M
5320MHz	Pass	Inf	22.44M	19.065M	23.155M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	46.86M	37.781M	46.09M	37.881M
5230MHz	Pass	Inf	45.87M	37.831M	42.46M	37.731M
5270MHz	Pass	Inf	43.78M	37.781M	42.02M	37.781M
5310MHz	Pass	Inf	49.83M	37.781M	40.26M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.96M	77.261M	86.24M	77.261M
5290MHz	Pass	Inf	79.2M	77.061M	79.2M	76.962M

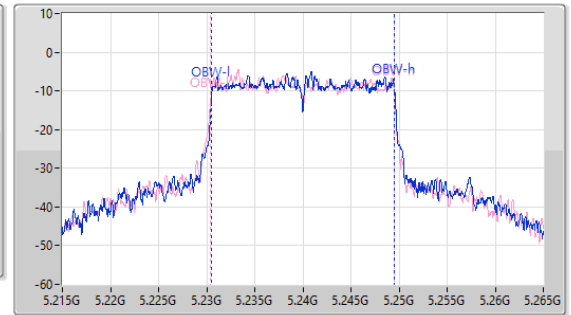
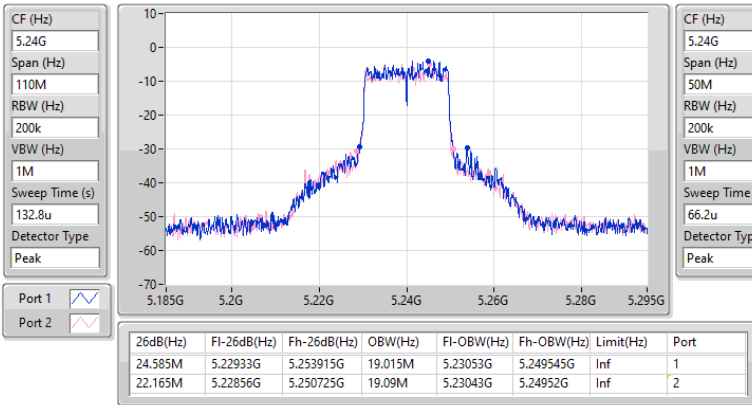
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

27/05/2025

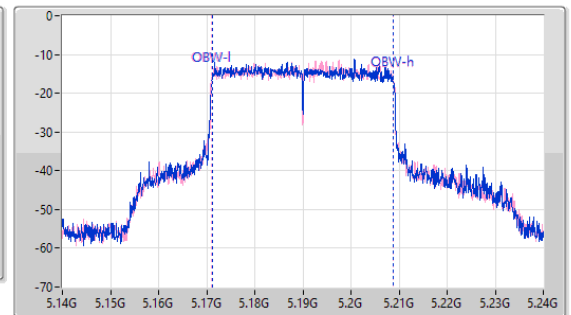
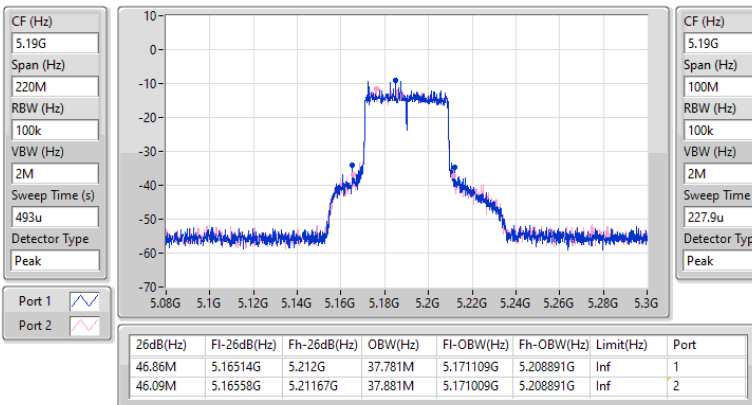


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

27/05/2025

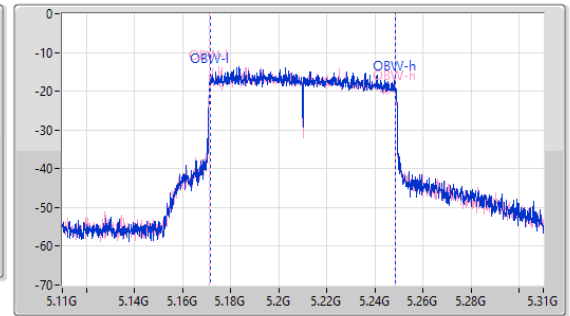
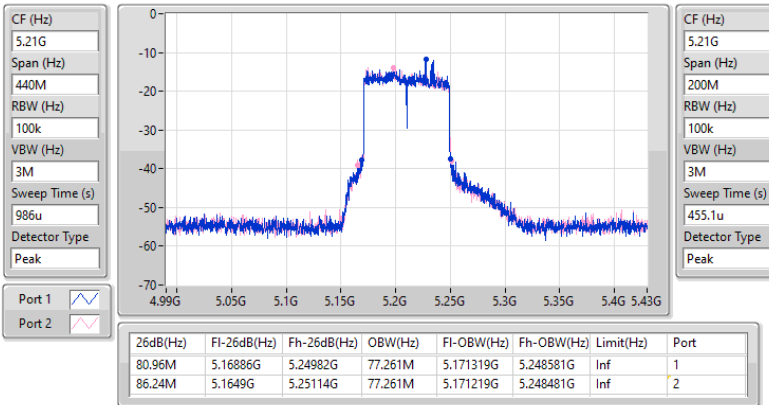


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

27/05/2025

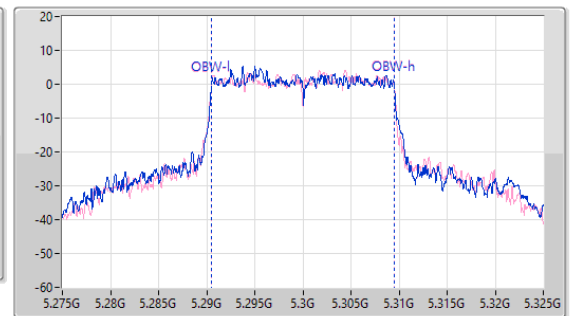
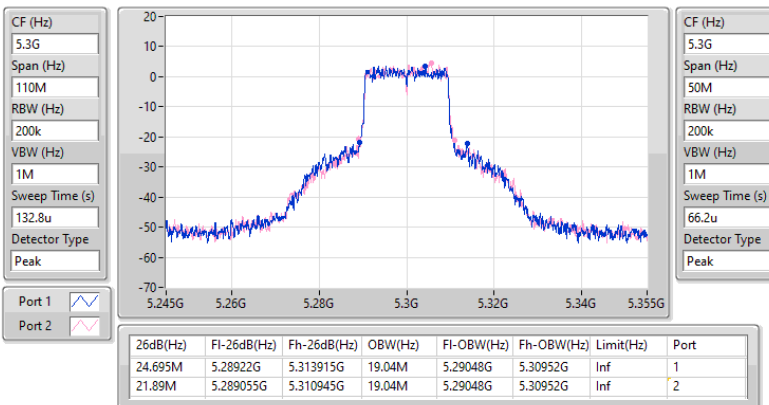


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

26/05/2025

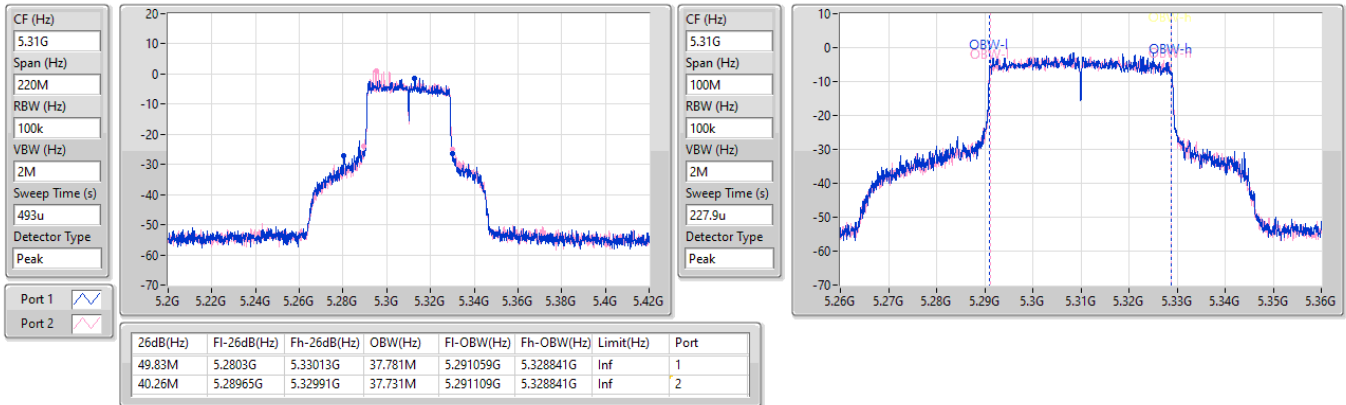


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

26/05/2025

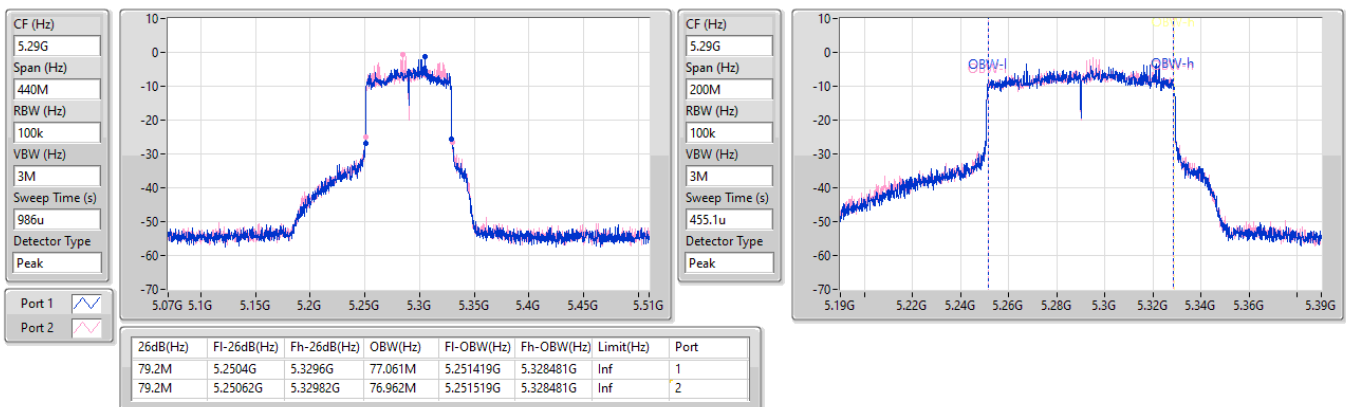


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

26/05/2025





**EBW_Non-Beamforming_
Radio 2_1T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.27

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	22.935M	17.063M	17M1D1D	20.79M	16.756M
802.11be EHT20_Nss1,(MCS0)_1TX	23.375M	19.065M	19M1D1D	21.45M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	48.07M	37.831M	37M8D1D	41.47M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	93.28M	77.161M	77M2D1D	93.28M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	79.28M	77.321M	77M3D1D	79.28M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.33M	17.129M	17M1D1D	22M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX	22.11M	19.04M	19M0D1D	21.67M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	44.55M	37.881M	37M9D1D	43.56M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	84.92M	77.261M	77M3D1D	84.92M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	80.08M	77.401M	77M4D1D	80.08M	77.401M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.78M	16.8M	16M8D1D	15.39M	13.568M
802.11be EHT20_Nss1,(MCS0)_1TX	23.375M	19.14M	19M1D1D	15.945M	14.453M
802.11be EHT40_Nss1,(MCS0)_1TX	45.98M	37.781M	37M8D1D	34.51M	33.653M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.361M	77M4D1D	75.525M	73.088M
802.11be EHT160_Nss1,(MCS0)_1TX	158.84M	156.122M	156MD1D	158.84M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	17.063M	17M1D1D	3.18M	4.798M
802.11be EHT20_Nss1,(MCS0)_1TX	19.14M	19.14M	19M1D1D	4.6M	5.517M
802.11be EHT40_Nss1,(MCS0)_1TX	36.96M	37.831M	37M8D1D	4M	10.095M
802.11be EHT80_Nss1,(MCS0)_1TX	77.66M	77.161M	77M2D1D	4.08M	13.573M

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_Non-Beamforming_
Radio 2_1T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.27

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.935M	17.063M
5200MHz	Pass	Inf	20.79M	16.998M
5240MHz	Pass	Inf	22.55M	16.756M
5260MHz	Pass	Inf	22.33M	16.712M
5300MHz	Pass	Inf	22M	16.646M
5320MHz	Pass	Inf	22M	17.129M
5500MHz	Pass	Inf	21.56M	16.8M
5580MHz	Pass	Inf	21.78M	16.778M
5700MHz	Pass	Inf	20.955M	16.602M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.39M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.798M
5745MHz	Pass	500k	16.555M	17.063M
5785MHz	Pass	500k	16.555M	16.866M
5825MHz	Pass	500k	16.555M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	23.375M	19.04M
5200MHz	Pass	Inf	22.33M	19.065M
5240MHz	Pass	Inf	21.45M	19.04M
5260MHz	Pass	Inf	21.89M	19.04M
5300MHz	Pass	Inf	22.11M	19.04M
5320MHz	Pass	Inf	21.67M	18.991M
5500MHz	Pass	Inf	22.605M	19.04M
5580MHz	Pass	Inf	23.375M	19.14M
5700MHz	Pass	Inf	21.01M	19.14M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.6M	5.517M
5745MHz	Pass	500k	16.94M	19.015M
5785MHz	Pass	500k	19.085M	19.04M
5825MHz	Pass	500k	19.14M	19.14M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	48.07M	37.831M
5230MHz	Pass	Inf	41.47M	37.781M
5270MHz	Pass	Inf	44.55M	37.881M
5310MHz	Pass	Inf	43.56M	37.731M
5510MHz	Pass	Inf	45.98M	37.731M
5550MHz	Pass	Inf	42.46M	37.781M
5670MHz	Pass	Inf	41.36M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.51M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	10.095M
5755MHz	Pass	500k	36.63M	37.781M
5795MHz	Pass	500k	36.96M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	93.28M	77.161M
5290MHz	Pass	Inf	84.92M	77.261M
5530MHz	Pass	Inf	81.62M	77.261M
5610MHz	Pass	Inf	80.3M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	13.573M
5775MHz	Pass	500k	77.66M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.28M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.401M
5570MHz	Pass	Inf	158.84M	156.122M

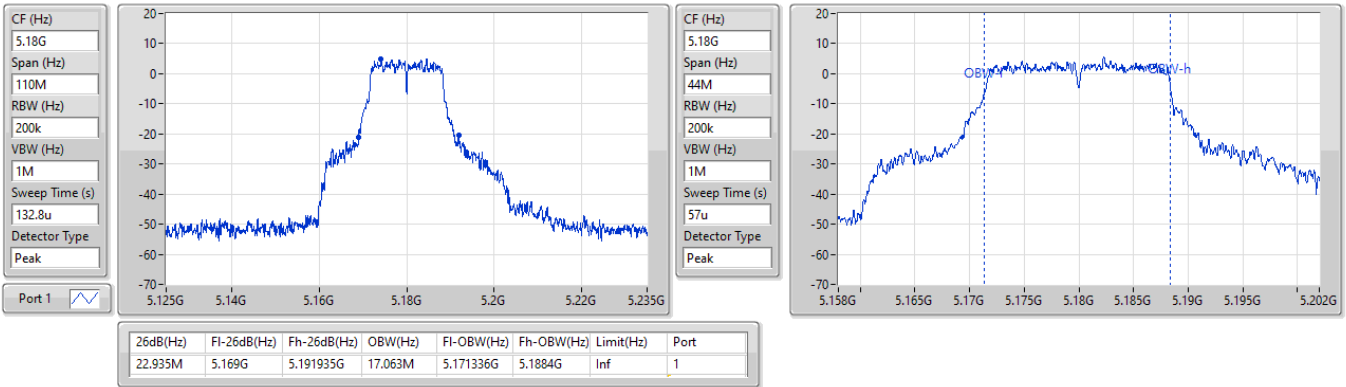
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

21/05/2025

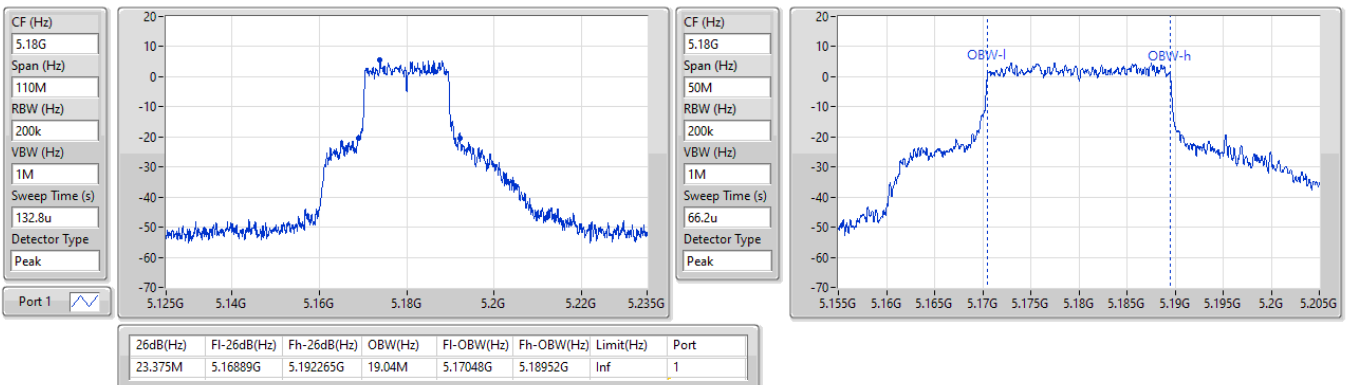


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5180MHz

21/05/2025

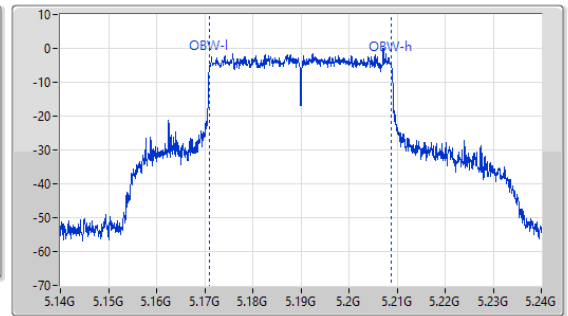
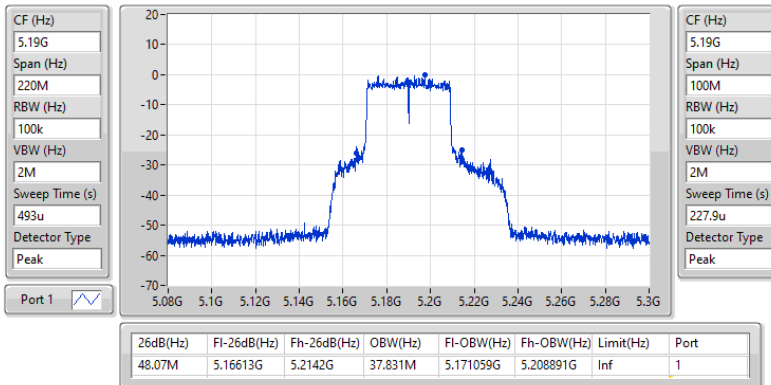


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

21/05/2025

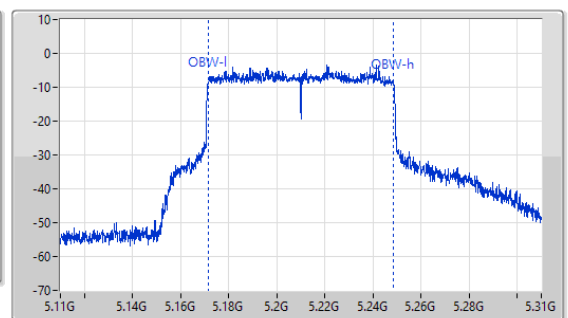
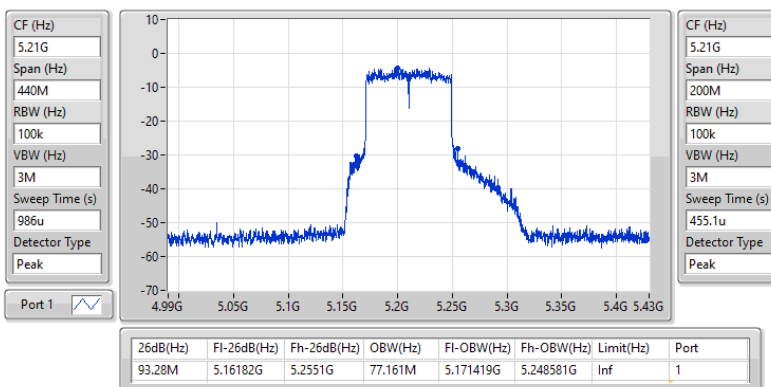


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

21/05/2025

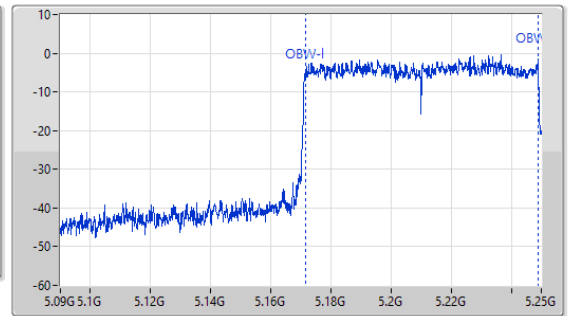
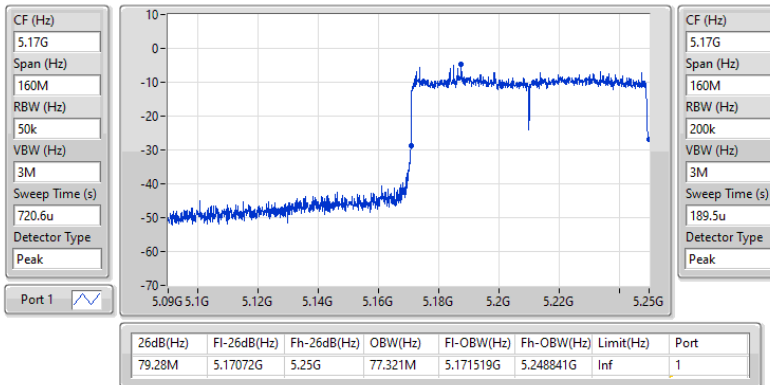


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

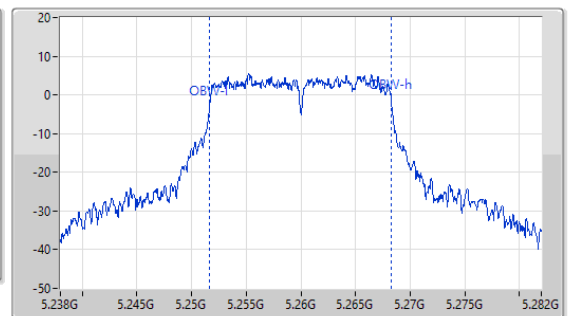
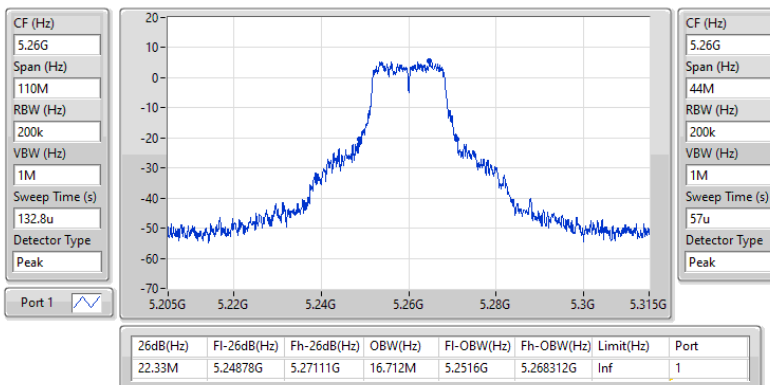


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

20/05/2025

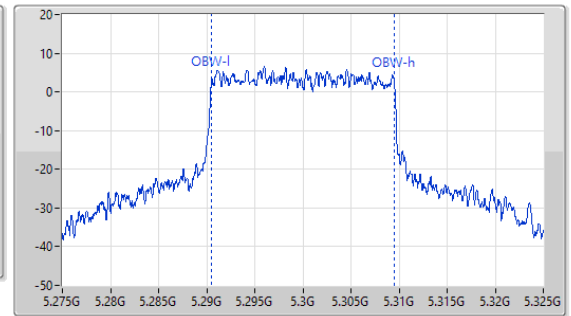
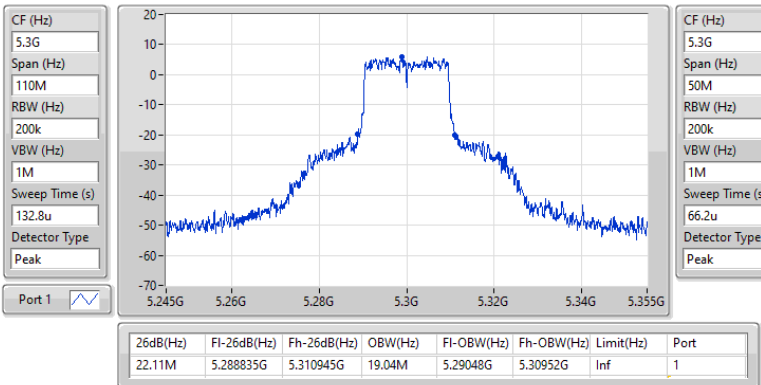


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

20/05/2025

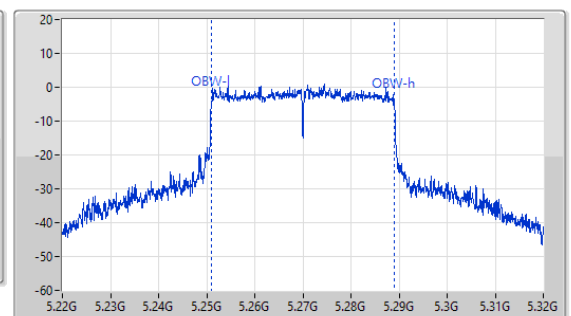
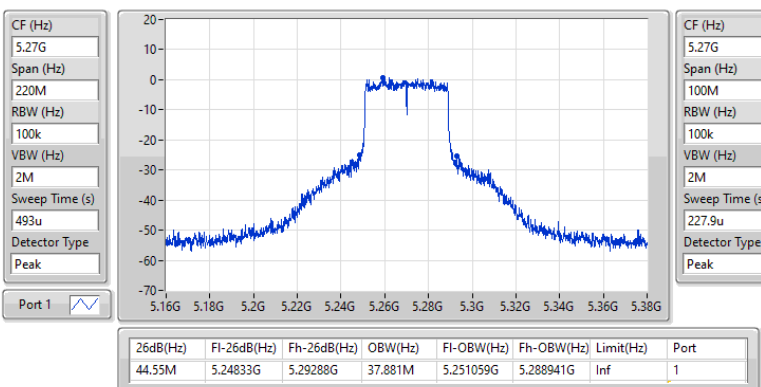


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

20/05/2025

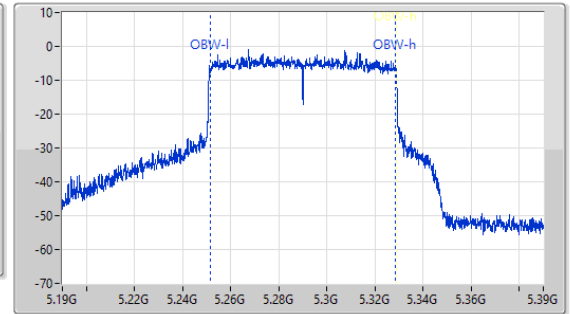
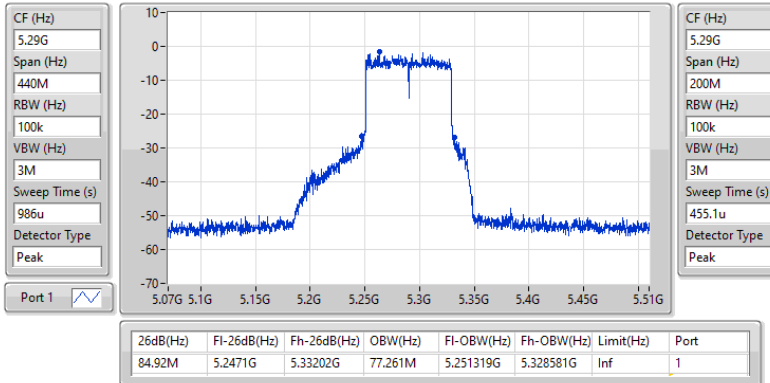


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

20/05/2025

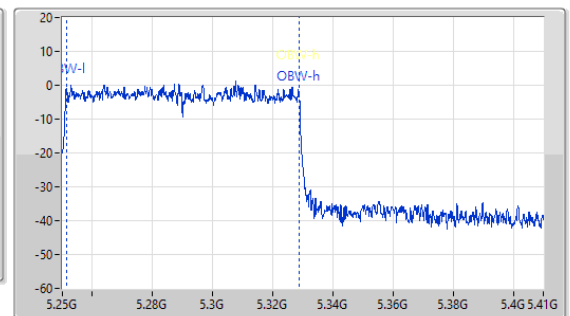
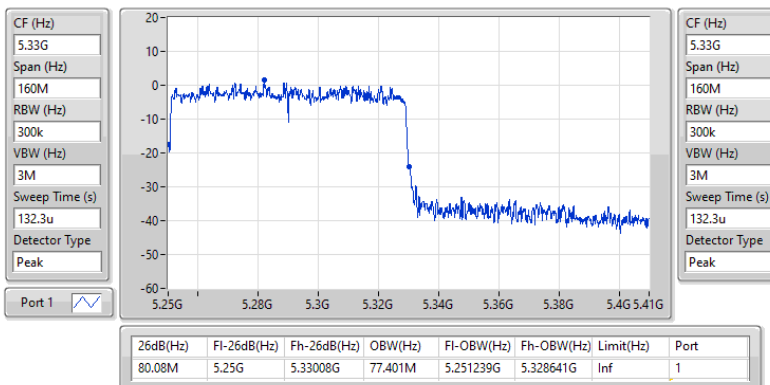


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

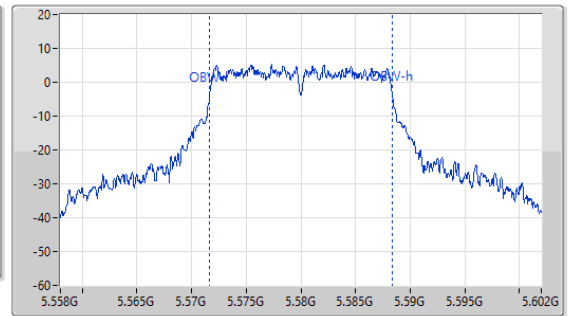
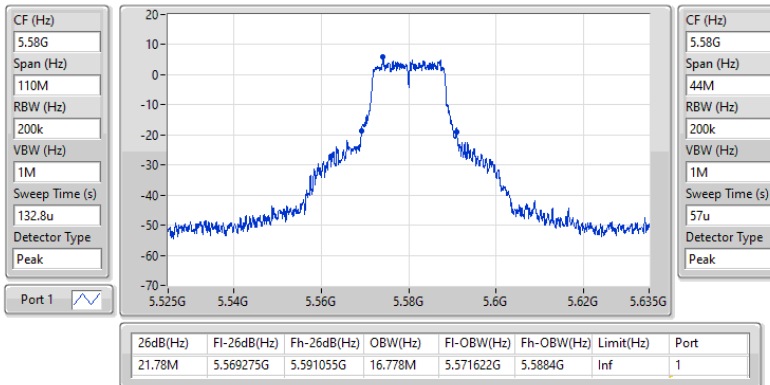


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

20/05/2025

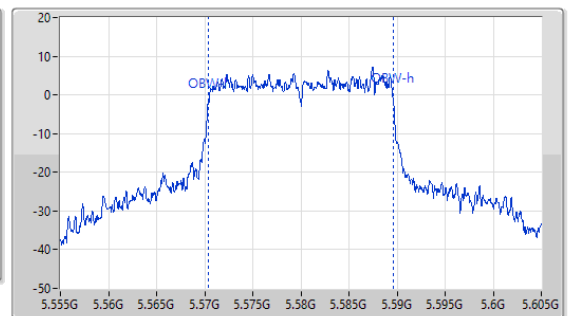
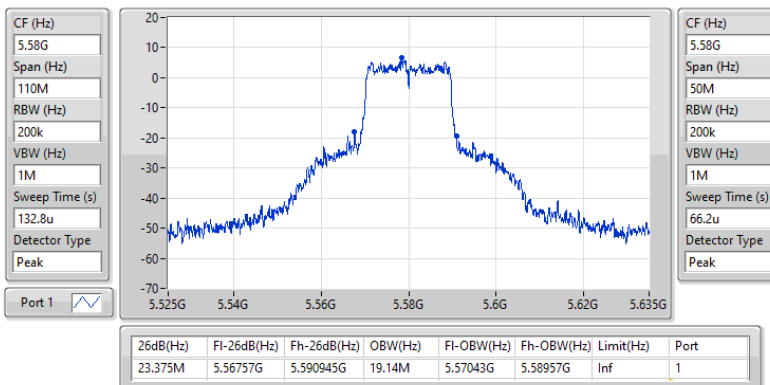


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

20/05/2025

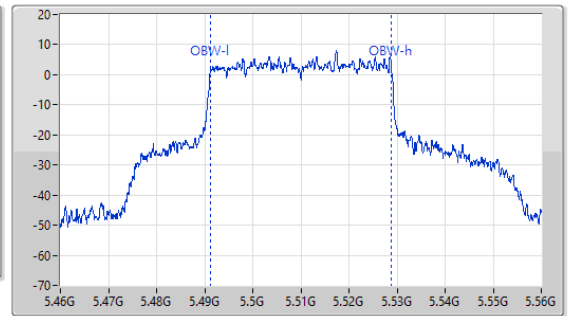
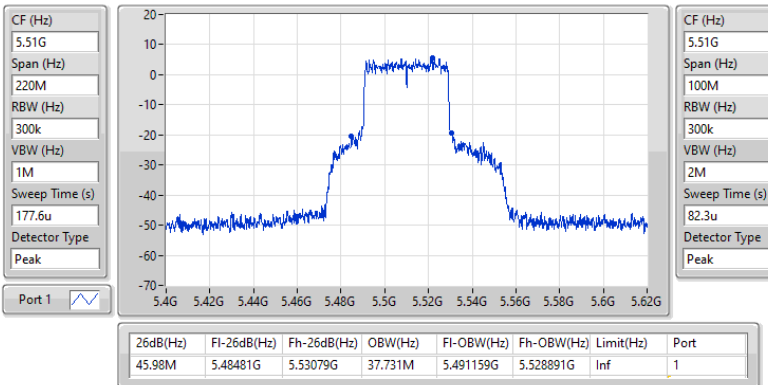


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

20/05/2025

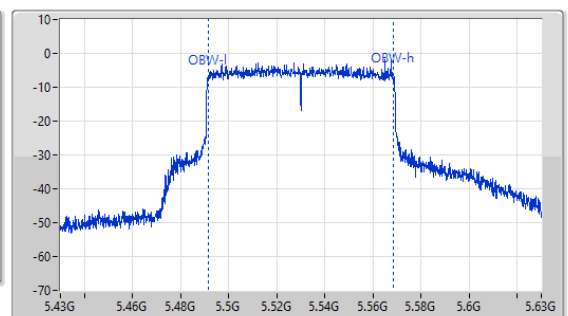
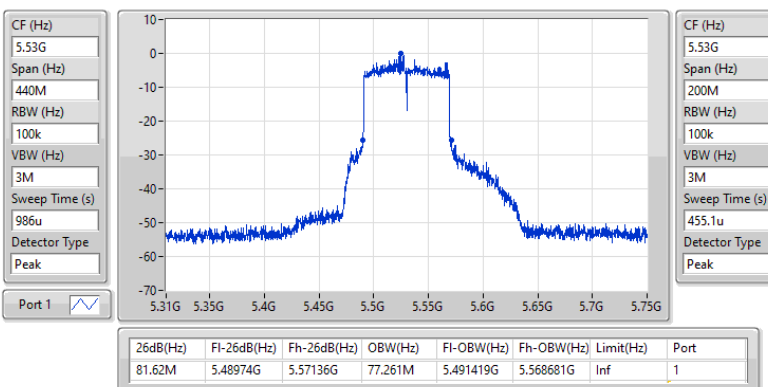


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

20/05/2025

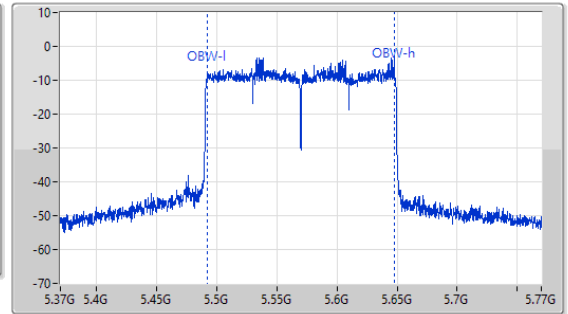
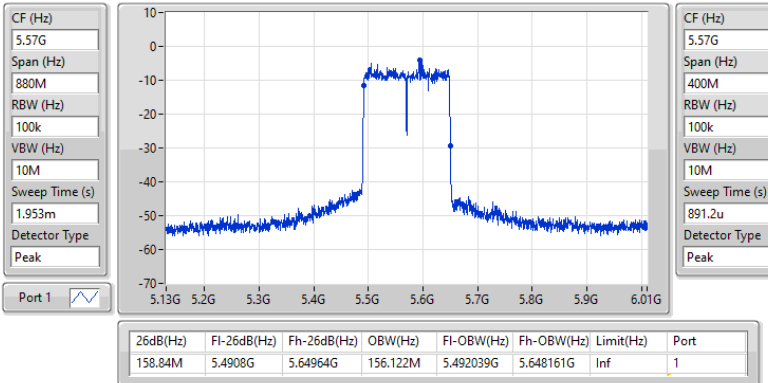


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

20/05/2025

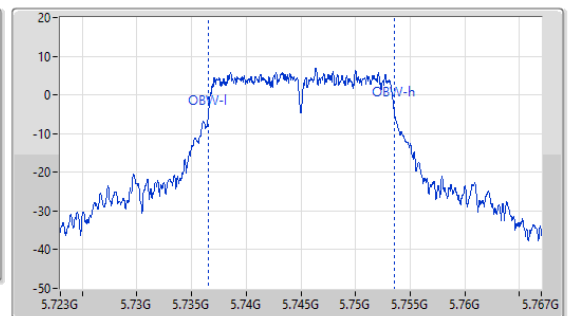
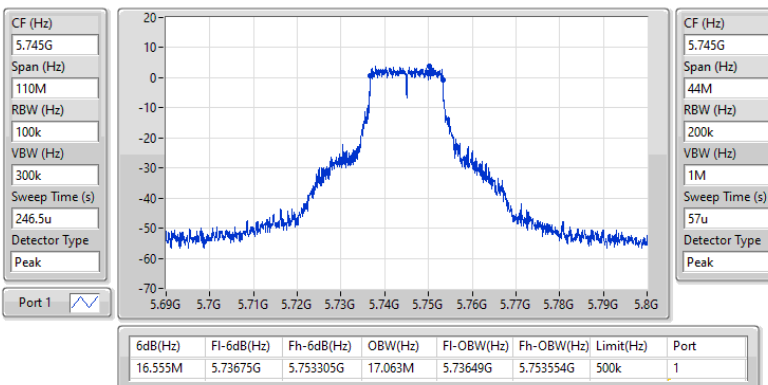


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

20/05/2025



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

20/05/2025

CF (Hz)
5.745G

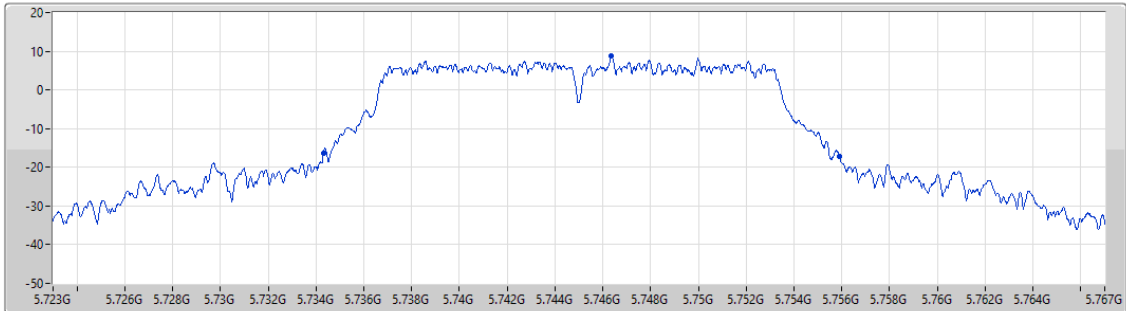
Span (Hz)
44M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
57u

Detector Type
Peak



Port 1

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.604M	5.734308G	5.755912G	Inf	1

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5825MHz

20/05/2025

CF (Hz)
5.825G

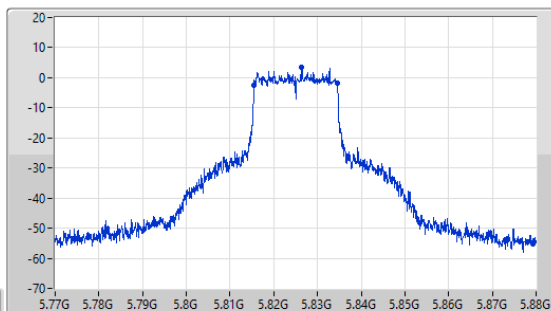
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
246.5u

Detector Type
Peak



Port 1

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.81543G	5.83457G	19.14M	5.815505G	5.834645G	500k	1

CF (Hz)
5.825G

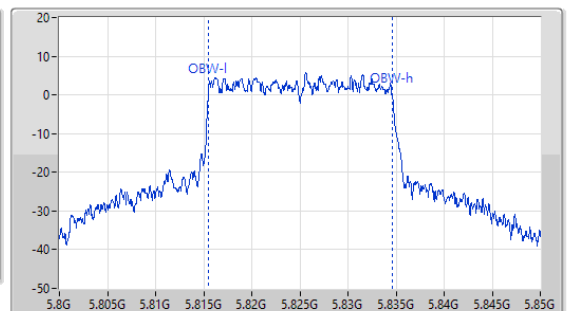
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5825MHz

20/05/2025

CF (Hz)
5.825G

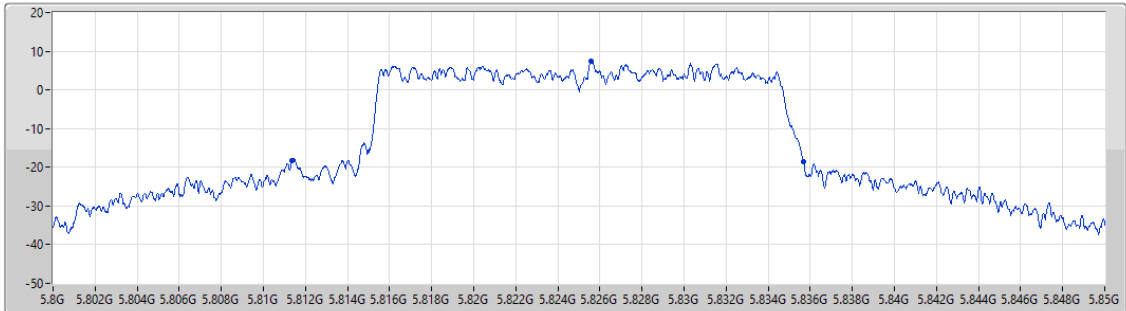
Span (Hz)
50M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
66.2u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.3M	5.811375G	5.835675G	Inf	1

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

20/05/2025

CF (Hz)
5.795G

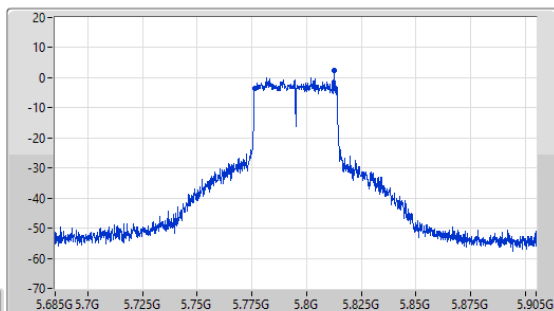
Span (Hz)
220M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
493u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.96M	5.77619G	5.81315G	37.831M	5.776109G	5.813941G	500k	1

CF (Hz)
5.795G

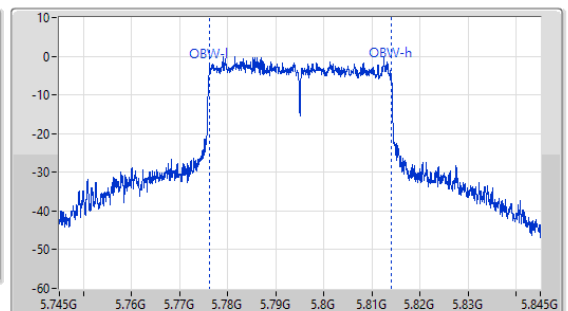
Span (Hz)
100M

RBW (Hz)
100k

VBW (Hz)
2M

Sweep Time (s)
227.9u

Detector Type
Peak





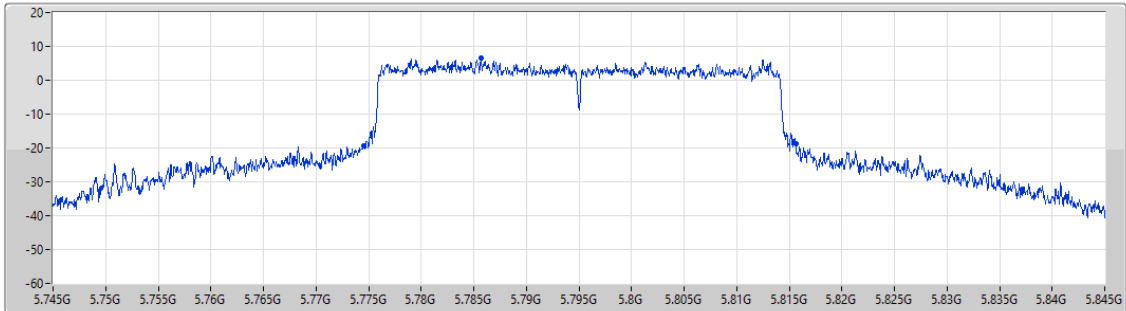
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

20/05/2025

CF (Hz)
5.795G
Span (Hz)
100M
RBW (Hz)
500k
VBW (Hz)
2M
Sweep Time (s)
227.9u
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.1M	5.77455G	5.81565G	Inf	1

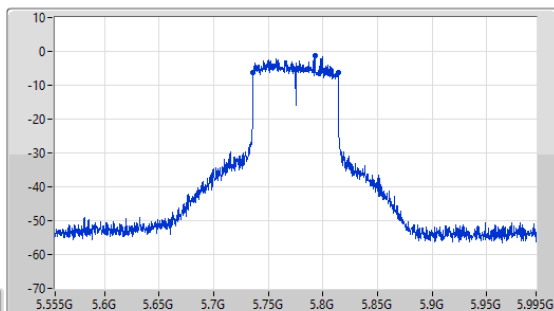
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

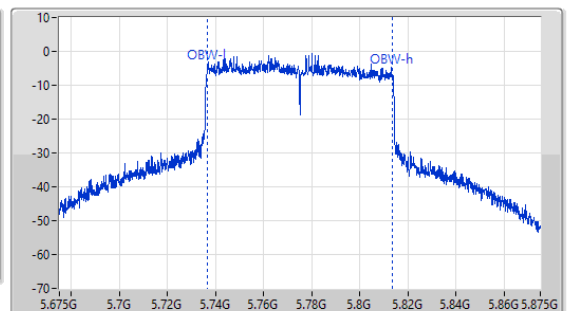
20/05/2025

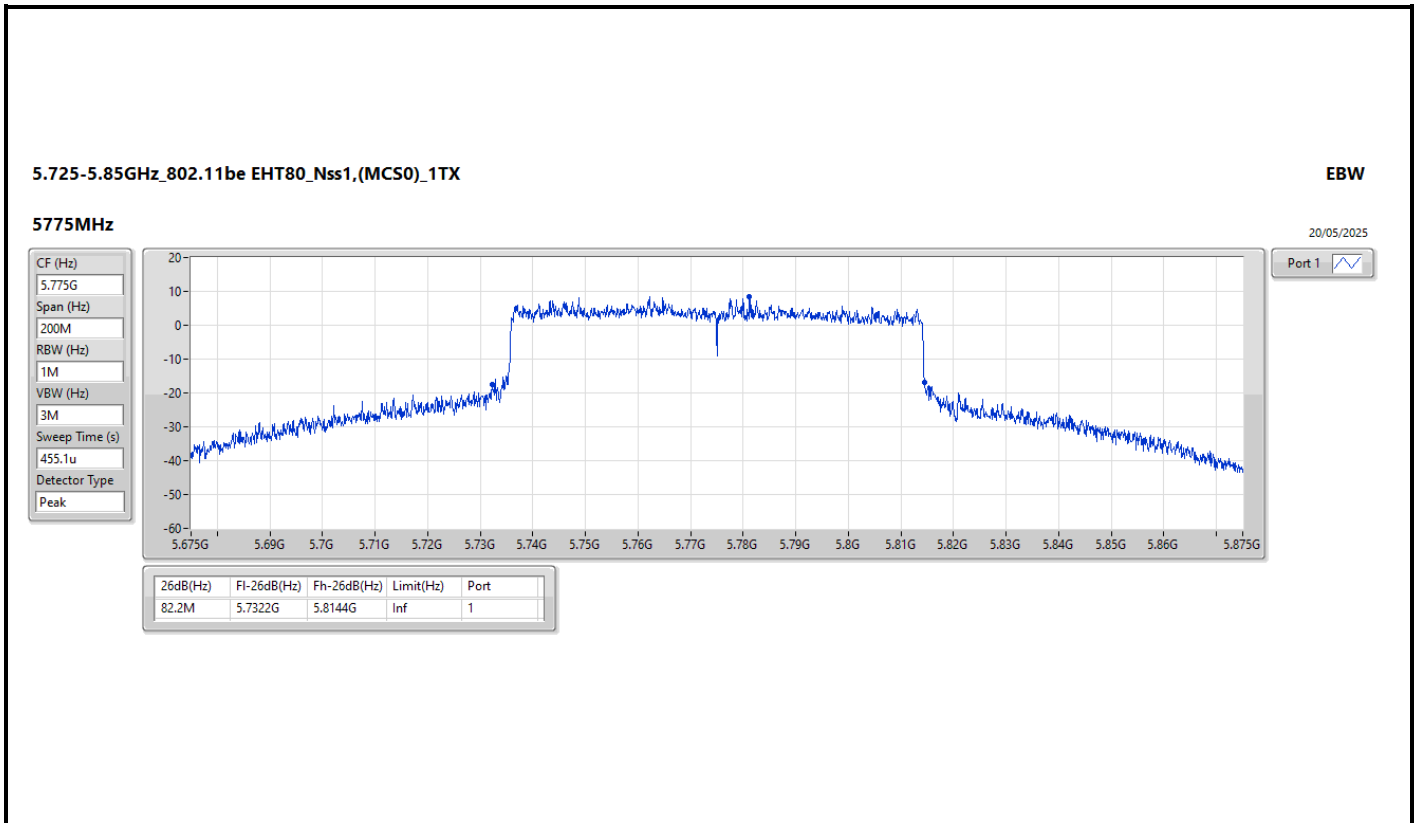
CF (Hz)
5.775G
Span (Hz)
440M
RBW (Hz)
100k
VBW (Hz)
300k
Sweep Time (s)
986u
Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.66M	5.73606G	5.81372G	77.161M	5.736319G	5.813481G	500k	1

CF (Hz)
5.775G
Span (Hz)
200M
RBW (Hz)
100k
VBW (Hz)
3M
Sweep Time (s)
455.1u
Detector Type
Peak







EBW_Non-Beamforming_ Radio 2_2T1S_Dipole_Outdoor_30 Degree Gain

Appendix B.28

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	22.605M	17.041M	17M0D1D	21.175M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX	26.95M	19.09M	19M1D1D	21.34M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	48.29M	37.881M	37M9D1D	41.14M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	81.84M	77.361M	77M4D1D	80.96M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	80.64M	77.241M	77M2D1D	80.08M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.385M	17.239M	17M2D1D	21.23M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	24.42M	19.115M	19M1D1D	21.34M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	44.55M	37.931M	37M9D1D	40.59M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	85.58M	77.161M	77M2D1D	82.28M	77.161M
802.11be EHT160_Nss1,(MCS0)_2TX	81.12M	77.401M	77M4D1D	79.68M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.43M	17.371M	17M4D1D	15.96M	13.403M
802.11be EHT20_Nss1,(MCS0)_2TX	22.715M	19.265M	19M3D1D	16.02M	14.438M
802.11be EHT40_Nss1,(MCS0)_2TX	52.91M	37.881M	37M9D1D	34.825M	33.723M
802.11be EHT80_Nss1,(MCS0)_2TX	87.78M	77.361M	77M4D1D	74.475M	73.163M
802.11be EHT160_Nss1,(MCS0)_2TX	159.72M	156.122M	156MD1D	158.4M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	17.283M	17M3D1D	3.2M	4.718M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.265M	19M3D1D	4.6M	5.097M
802.11be EHT40_Nss1,(MCS0)_2TX	38.28M	37.781M	37M8D1D	4.06M	8.016M
802.11be EHT80_Nss1,(MCS0)_2TX	77.44M	77.261M	77M3D1D	4.06M	15.552M

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_Non-Beamforming_
Radio 2_2T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.28

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	21.505M	17.041M	22.605M	16.734M
5200MHz	Pass	Inf	21.175M	16.91M	21.45M	16.866M
5240MHz	Pass	Inf	21.23M	16.866M	21.56M	16.954M
5260MHz	Pass	Inf	22.055M	17.239M	21.67M	16.756M
5300MHz	Pass	Inf	21.23M	16.778M	22.22M	16.602M
5320MHz	Pass	Inf	22.385M	16.734M	21.56M	16.712M
5500MHz	Pass	Inf	23.32M	16.932M	22.99M	17.239M
5580MHz	Pass	Inf	23.43M	16.998M	22.055M	17.371M
5700MHz	Pass	Inf	20.79M	16.646M	20.57M	16.69M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.96M	13.553M	16.005M	13.403M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.718M	3.2M	4.718M
5745MHz	Pass	500k	16.39M	16.954M	16.335M	16.998M
5785MHz	Pass	500k	16.335M	16.998M	16.5M	16.844M
5825MHz	Pass	500k	16.5M	17.283M	16.335M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.52M	19.04M	26.95M	19.065M
5200MHz	Pass	Inf	22.275M	19.015M	22.55M	19.09M
5240MHz	Pass	Inf	21.34M	19.09M	22.22M	19.04M
5260MHz	Pass	Inf	21.34M	18.991M	24.42M	19.065M
5300MHz	Pass	Inf	22.055M	19.09M	21.505M	19.065M
5320MHz	Pass	Inf	24.31M	19.015M	21.45M	19.115M
5500MHz	Pass	Inf	20.24M	19.065M	22.055M	19.265M
5580MHz	Pass	Inf	20.955M	19.14M	22.715M	19.19M
5700MHz	Pass	Inf	21.175M	18.991M	21.12M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.02M	14.438M	19.05M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.6M	5.097M	4.62M	5.297M
5745MHz	Pass	500k	19.14M	19.09M	19.14M	19.015M
5785MHz	Pass	500k	19.14M	19.265M	19.14M	19.19M
5825MHz	Pass	500k	19.03M	19.065M	19.085M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.76M	37.781M	45.54M	37.731M
5230MHz	Pass	Inf	48.29M	37.781M	41.14M	37.881M
5270MHz	Pass	Inf	40.81M	37.731M	42.02M	37.781M
5310MHz	Pass	Inf	44.55M	37.831M	40.59M	37.931M
5510MHz	Pass	Inf	41.36M	37.781M	40.04M	37.881M
5550MHz	Pass	Inf	40.04M	37.731M	52.91M	37.731M
5670MHz	Pass	Inf	41.14M	37.731M	48.07M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.825M	33.723M	34.86M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	8.016M	4.06M	8.756M
5755MHz	Pass	500k	38.06M	37.731M	38.06M	37.781M
5795MHz	Pass	500k	38.06M	37.731M	38.28M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.96M	77.161M	81.84M	77.361M
5290MHz	Pass	Inf	82.28M	77.161M	85.58M	77.161M
5530MHz	Pass	Inf	87.78M	77.161M	82.06M	77.161M
5610MHz	Pass	Inf	80.08M	77.261M	81.4M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.475M	73.163M	76.2M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	15.552M	4.1M	15.592M
5775MHz	Pass	500k	75.9M	77.261M	77.44M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.241M	80.08M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.68M	77.401M	81.12M	77.241M
5570MHz	Pass	Inf	159.72M	155.922M	158.4M	156.122M

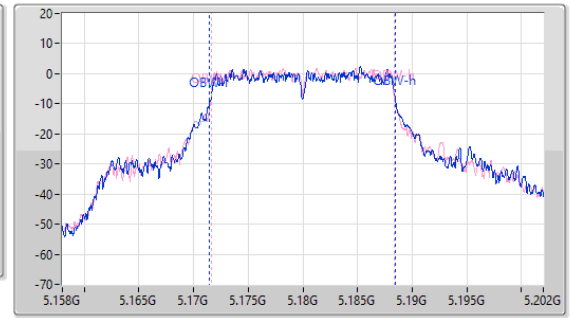
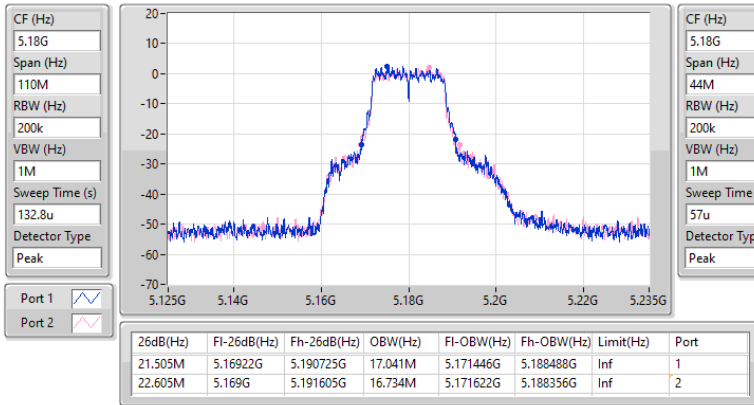
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

22/05/2025

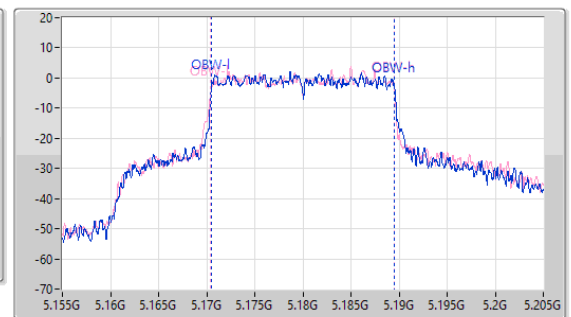
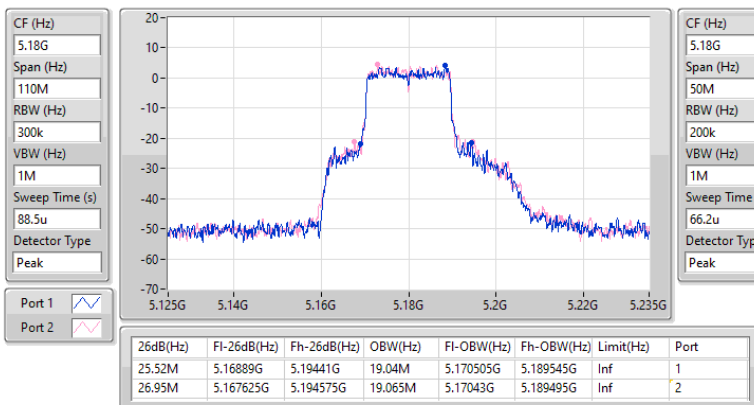


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

22/05/2025

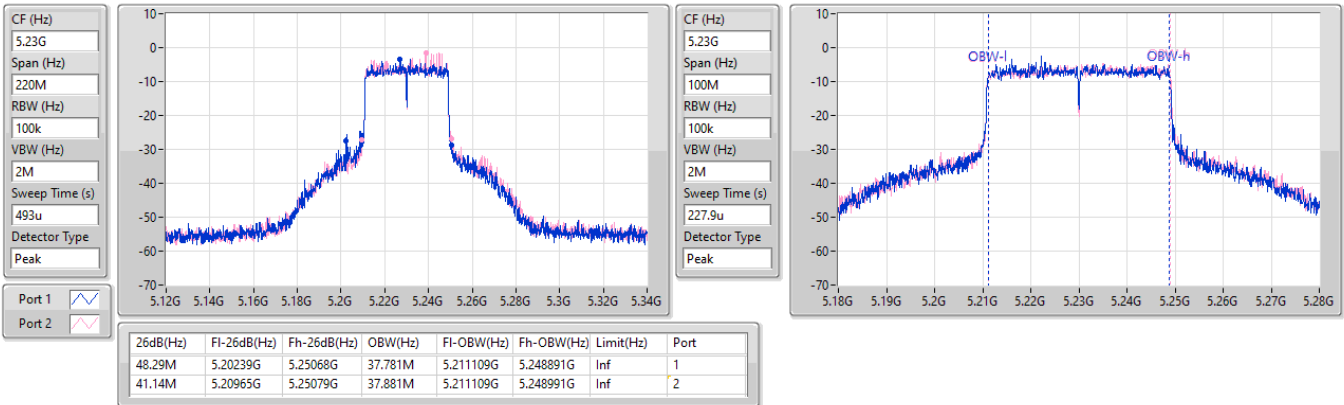


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

22/05/2025

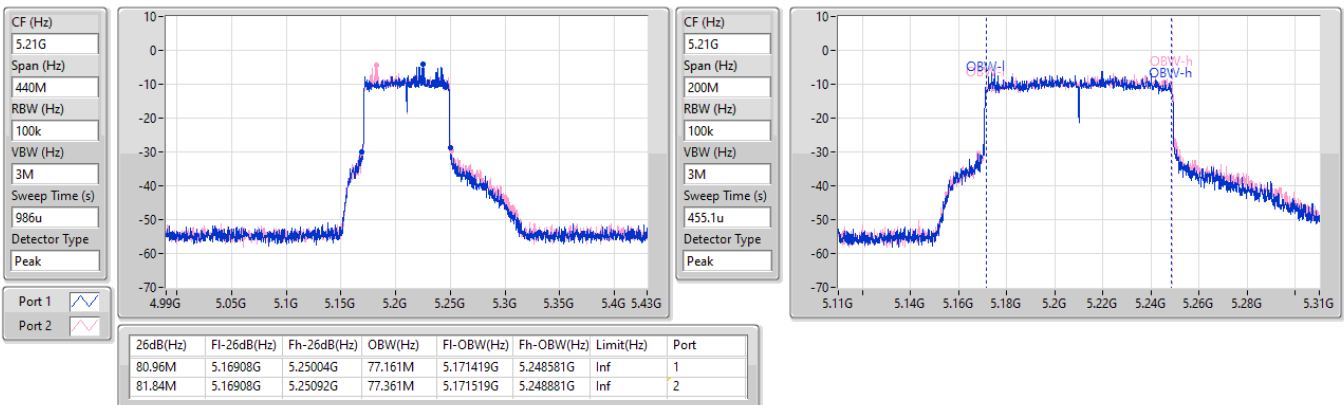


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EBW

5210MHz

22/05/2025

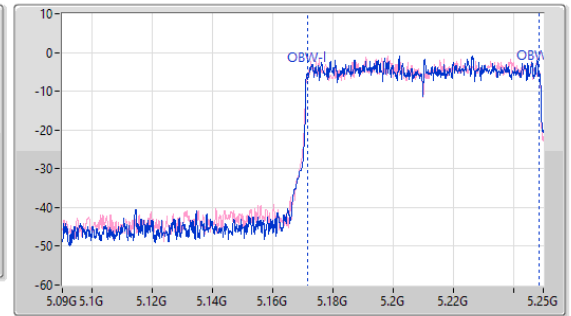
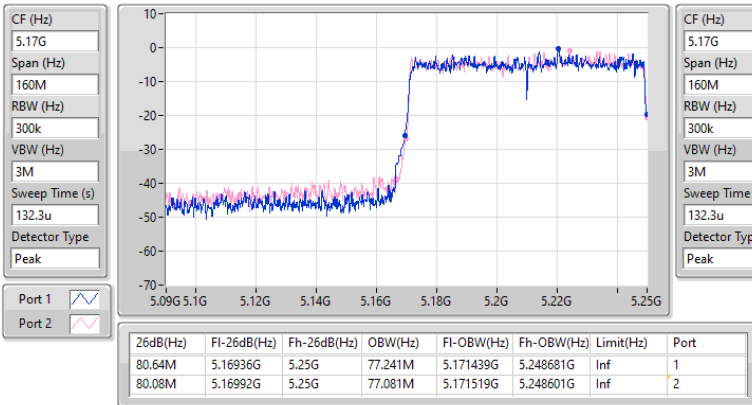


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

22/05/2025

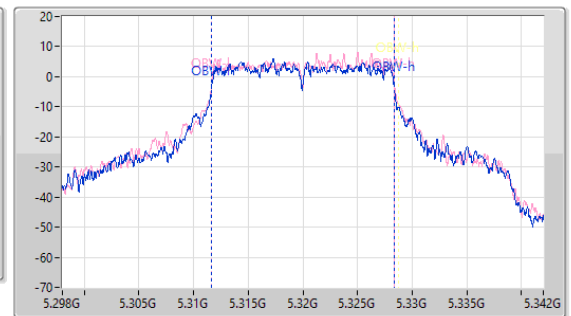
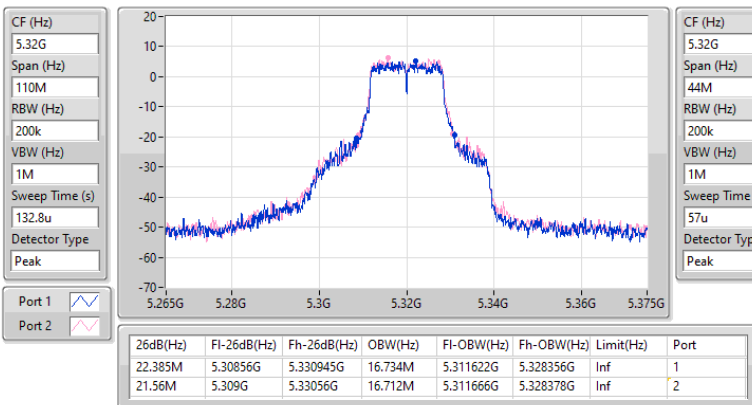


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

20/05/2025

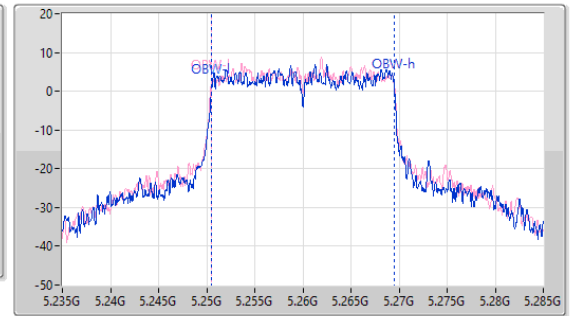
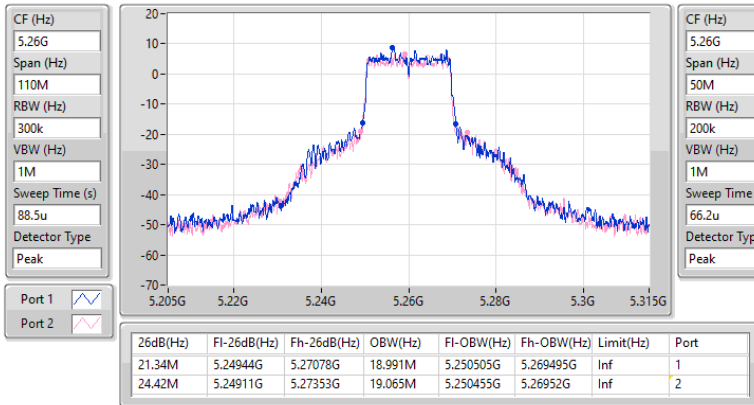


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

20/05/2025

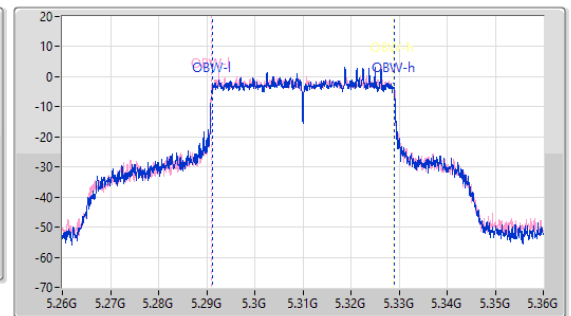
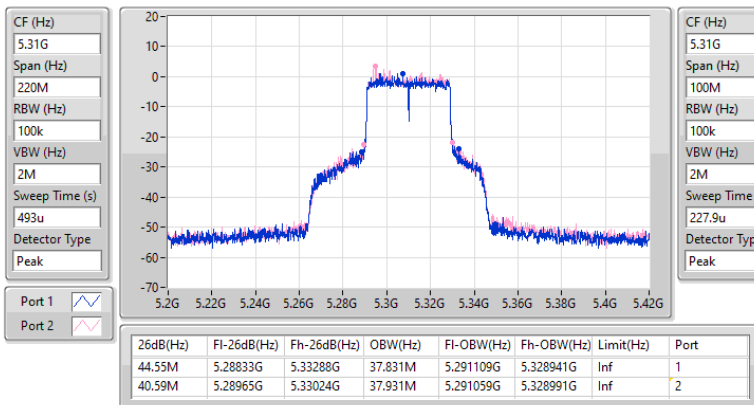


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

20/05/2025

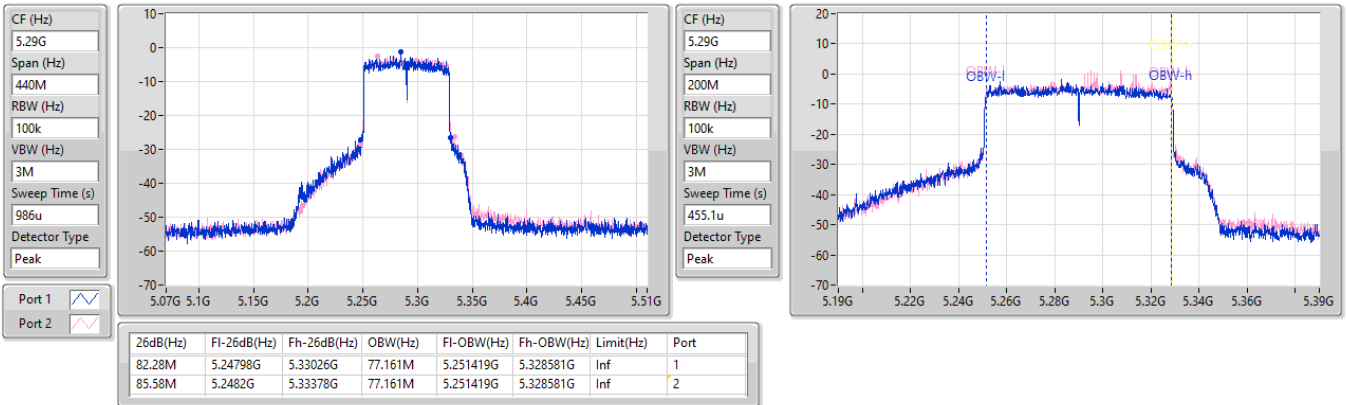


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EBW

5290MHz

20/05/2025

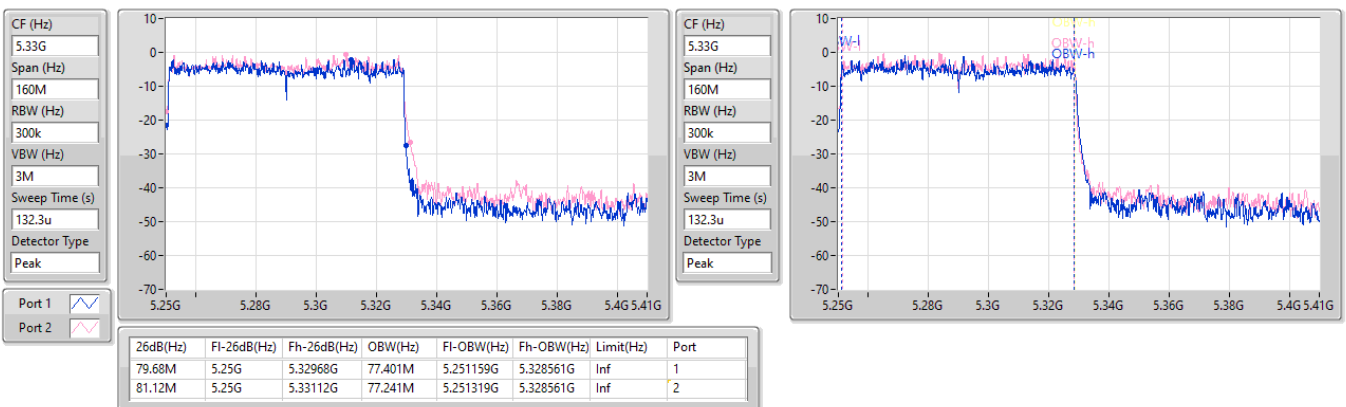


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

22/05/2025

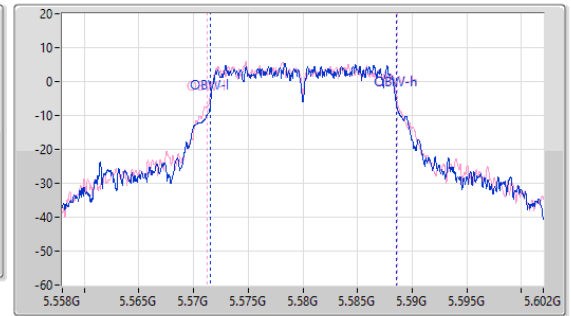
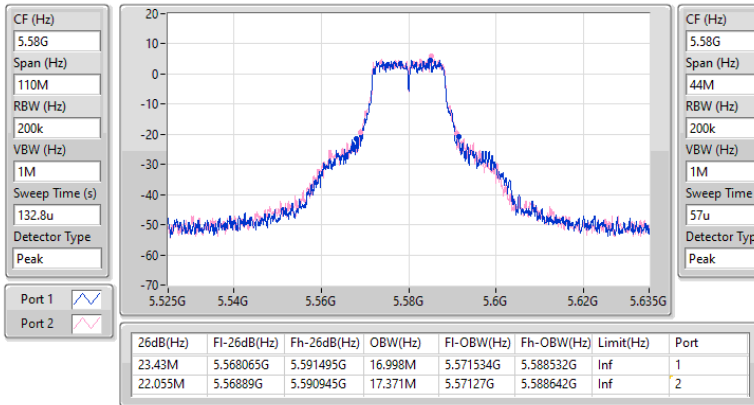


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

20/05/2025

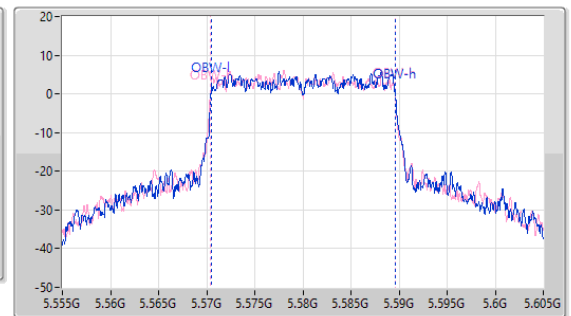
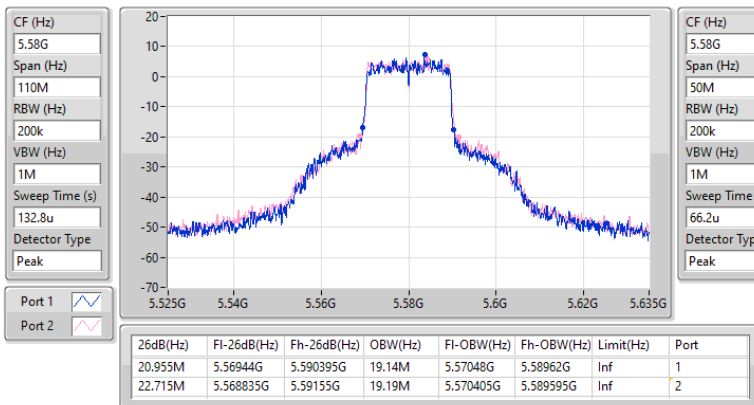


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

20/05/2025

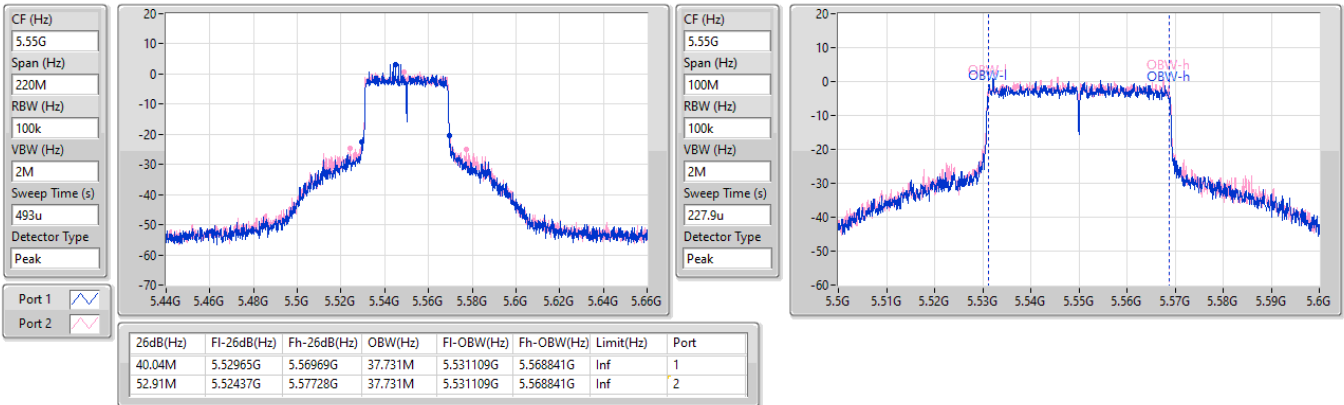


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

20/05/2025

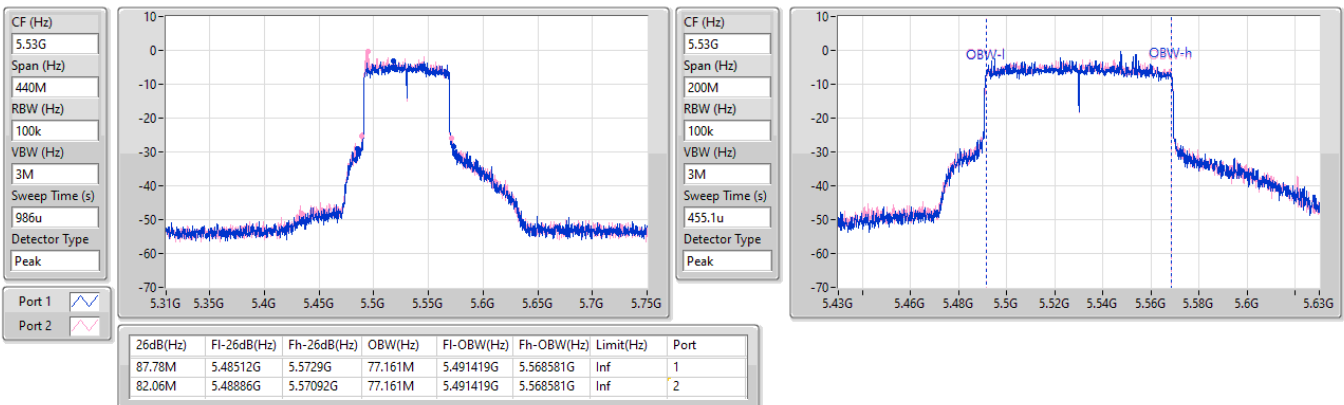


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/05/2025

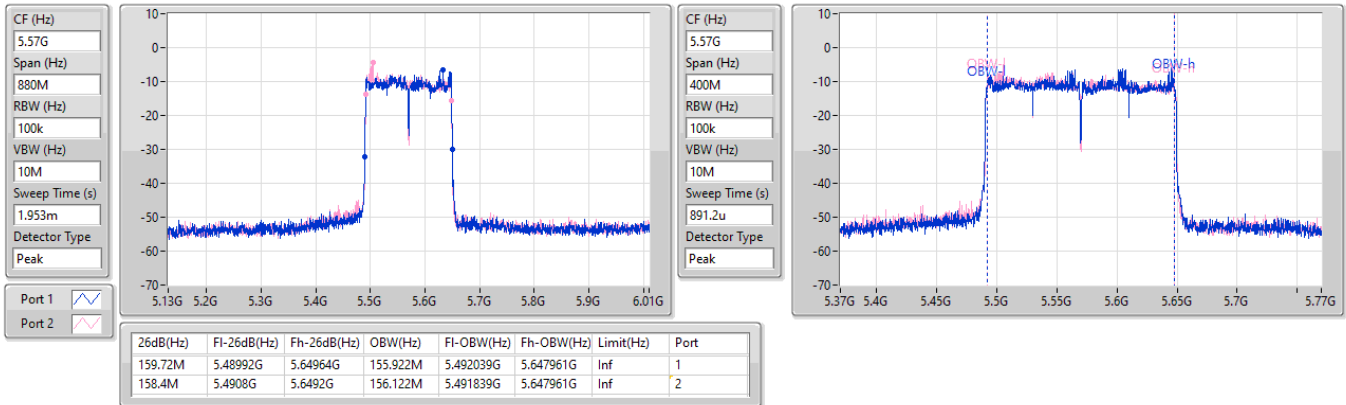


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

20/05/2025

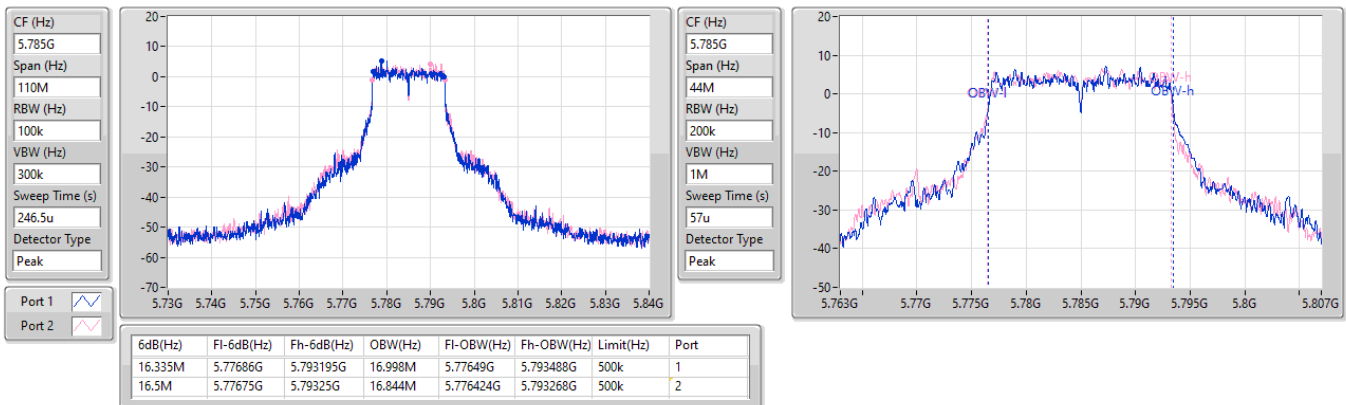


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

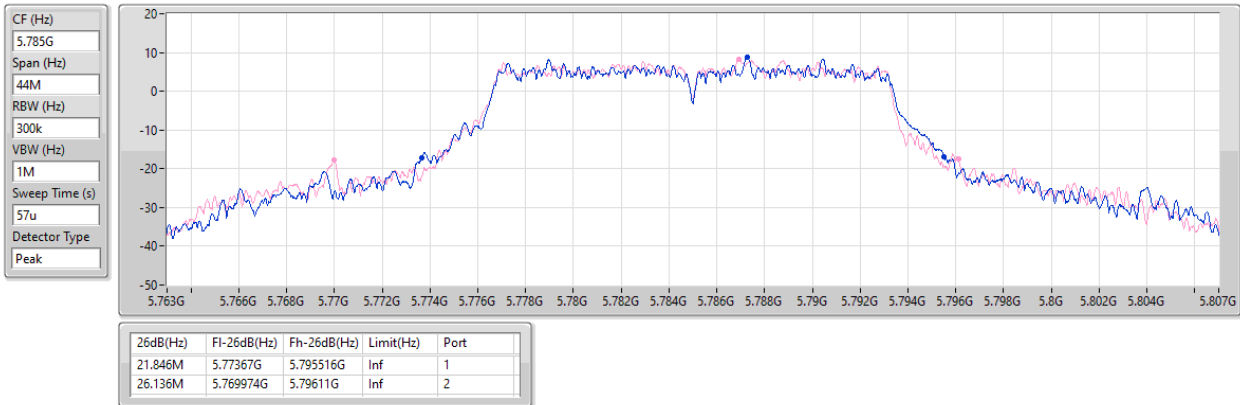


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

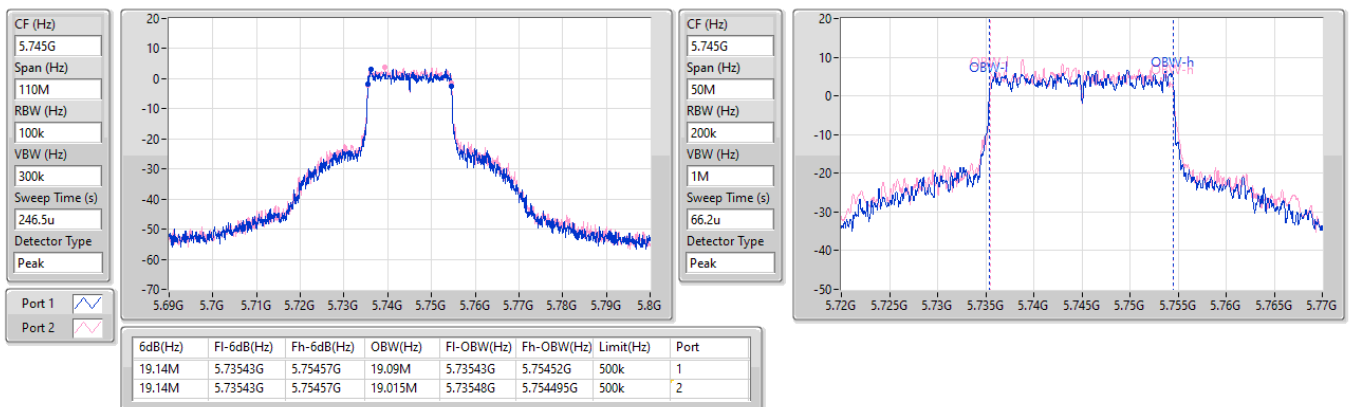


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

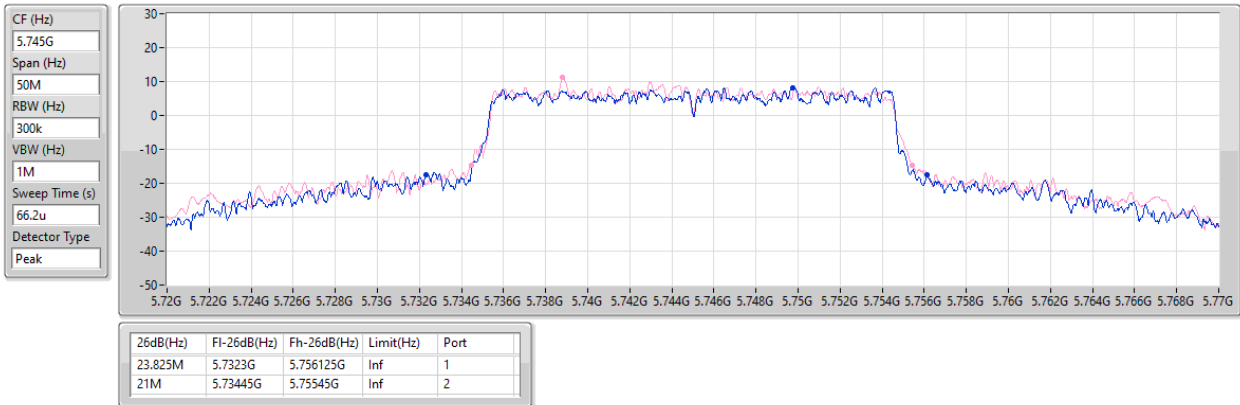


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

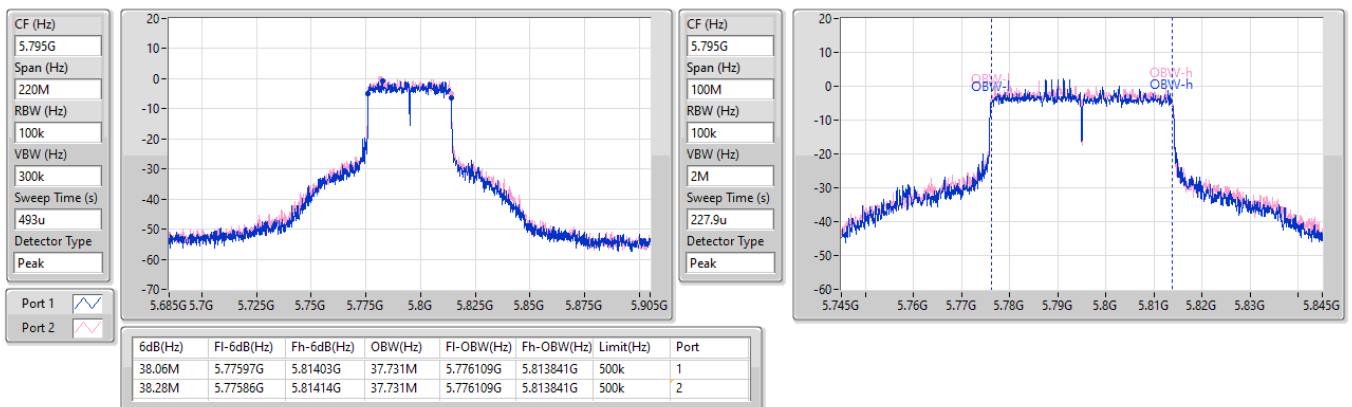


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

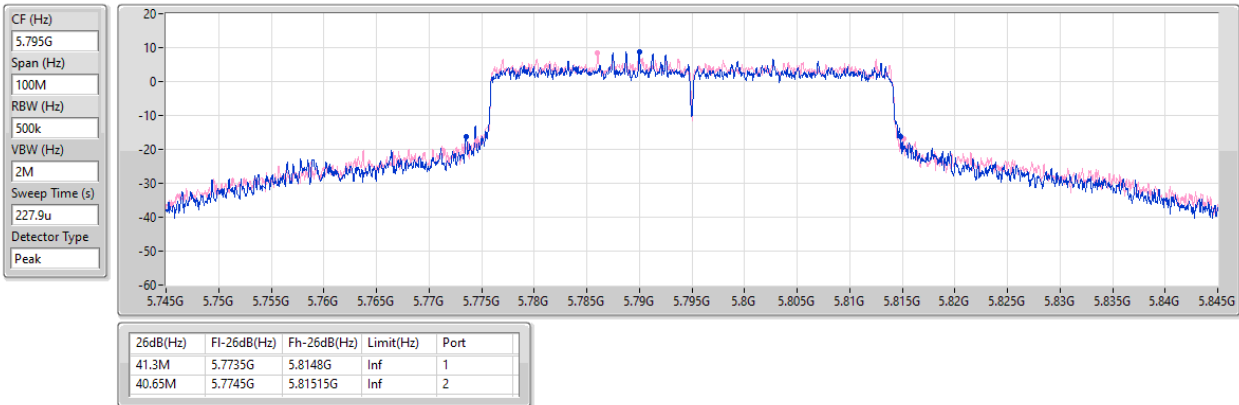


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

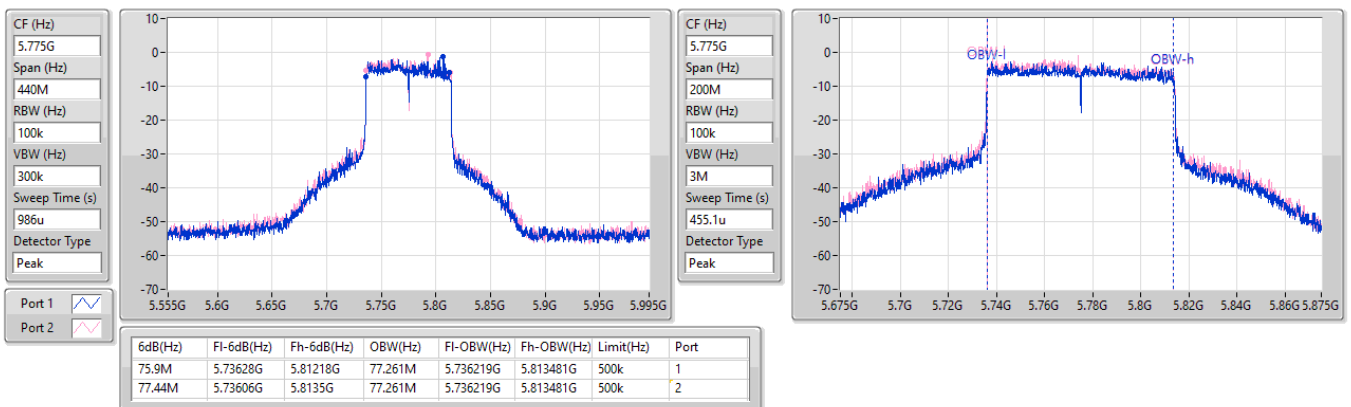


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/05/2025





5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/05/2025

CF (Hz)
5.775G

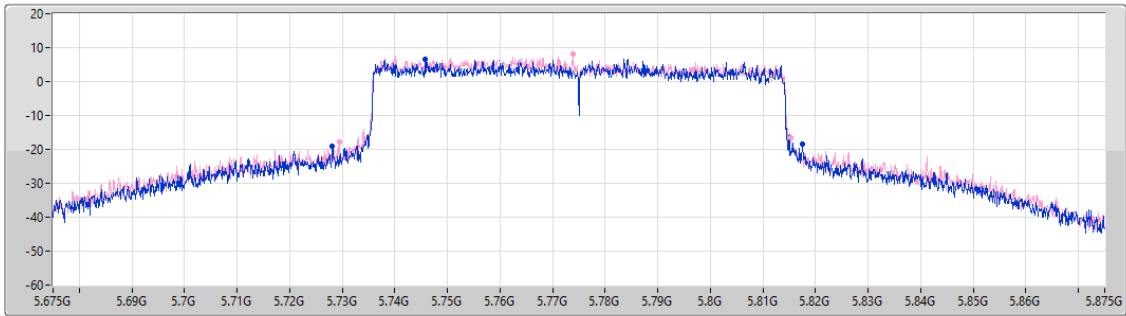
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
455.1u

Detector Type
Peak



Port 1

Port 2

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
89.5M	5.7281G	5.8176G	Inf	1
86M	5.7294G	5.8154G	Inf	2



EBW_Non-Beamforming_ Radio 2_2T2S_Dipole_Outdoor_30 Degree Gain

Appendix B.29

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.695M	19.115M	19M1D1D	21.45M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	49.06M	37.931M	37M9D1D	40.48M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	82.06M	77.161M	77M2D1D	80.3M	77.061M
802.11be EHT160_Nss2,(MCS0)_2TX	80M	77.321M	77M3D1D	79.6M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.915M	19.24M	19M2D1D	21.175M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	46.31M	37.831M	37M8D1D	40.81M	37.681M
802.11be EHT80_Nss2,(MCS0)_2TX	86.46M	77.261M	77M3D1D	81.4M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	79.76M	77.241M	77M2D1D	79.68M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.97M	19.14M	19M1D1D	15.555M	14.438M
802.11be EHT40_Nss2,(MCS0)_2TX	45.98M	37.831M	37M8D1D	35.175M	33.618M
802.11be EHT80_Nss2,(MCS0)_2TX	93.5M	77.261M	77M3D1D	74.625M	73.013M
802.11be EHT160_Nss2,(MCS0)_2TX	159.28M	156.122M	156MD1D	159.28M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.195M	19.29M	19M3D1D	4.52M	5.397M
802.11be EHT40_Nss2,(MCS0)_2TX	37.73M	37.831M	37M8D1D	4.06M	10.075M
802.11be EHT80_Nss2,(MCS0)_2TX	77.22M	77.361M	77M4D1D	2.56M	13.553M

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_Non-Beamforming_
Radio 2_2T2S_Dipole_Outdoor_30 Degree Gain**

Appendix B.29

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	19.115M	24.09M	19.015M
5200MHz	Pass	Inf	21.835M	19.015M	22.11M	19.015M
5240MHz	Pass	Inf	23.045M	19.09M	24.695M	19.015M
5260MHz	Pass	Inf	23.925M	19.04M	21.175M	19.015M
5300MHz	Pass	Inf	24.2M	19.04M	22.825M	19.14M
5320MHz	Pass	Inf	24.915M	19.065M	22.88M	19.24M
5500MHz	Pass	Inf	24.145M	19.14M	24.695M	19.04M
5580MHz	Pass	Inf	22M	19.065M	24.97M	19.065M
5700MHz	Pass	Inf	21.615M	18.991M	21.34M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.08M	14.438M	15.555M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	5.397M	4.52M	5.797M
5745MHz	Pass	500k	19.085M	19.14M	19.03M	19.215M
5785MHz	Pass	500k	19.085M	19.04M	19.085M	19.115M
5825MHz	Pass	500k	19.03M	19.015M	19.195M	19.29M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	45.1M	37.931M	49.06M	37.931M
5230MHz	Pass	Inf	47.63M	37.731M	40.48M	37.681M
5270MHz	Pass	Inf	41.03M	37.681M	40.81M	37.681M
5310MHz	Pass	Inf	42.68M	37.781M	46.31M	37.831M
5510MHz	Pass	Inf	43.45M	37.781M	45.98M	37.731M
5550MHz	Pass	Inf	44.55M	37.781M	40.26M	37.781M
5670MHz	Pass	Inf	44.99M	37.831M	43.89M	37.831M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.575M	33.618M	35.175M	33.618M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	10.075M	4.06M	13.333M
5755MHz	Pass	500k	37.73M	37.731M	37.73M	37.831M
5795MHz	Pass	500k	37.62M	37.731M	37.73M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.3M	77.161M	82.06M	77.061M
5290MHz	Pass	Inf	81.4M	77.261M	86.46M	77.161M
5530MHz	Pass	Inf	93.5M	77.261M	80.08M	77.161M
5610MHz	Pass	Inf	79.64M	77.261M	80.74M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.625M	73.088M	75.45M	73.013M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	13.553M	2.56M	16.852M
5775MHz	Pass	500k	77.22M	77.361M	70.18M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.6M	77.161M	80M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.68M	77.241M	79.76M	77.081M
5570MHz	Pass	Inf	159.28M	155.922M	159.28M	156.122M

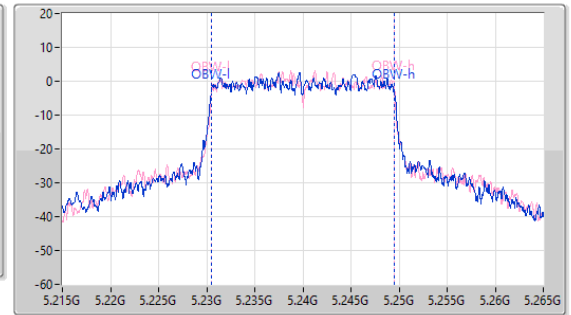
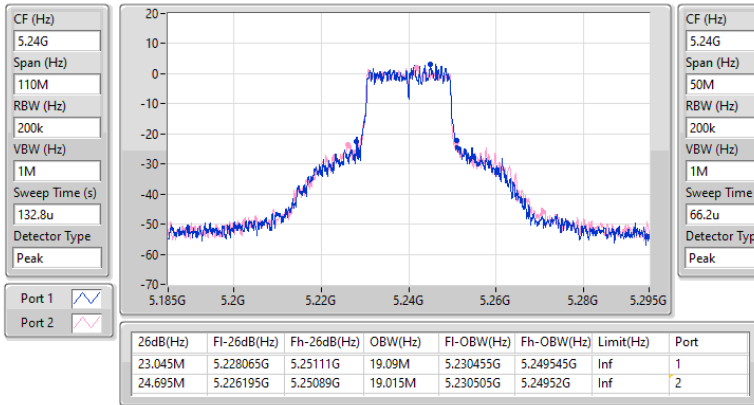
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5240MHz

22/05/2025

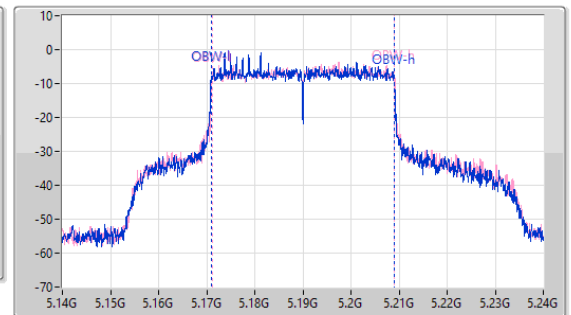
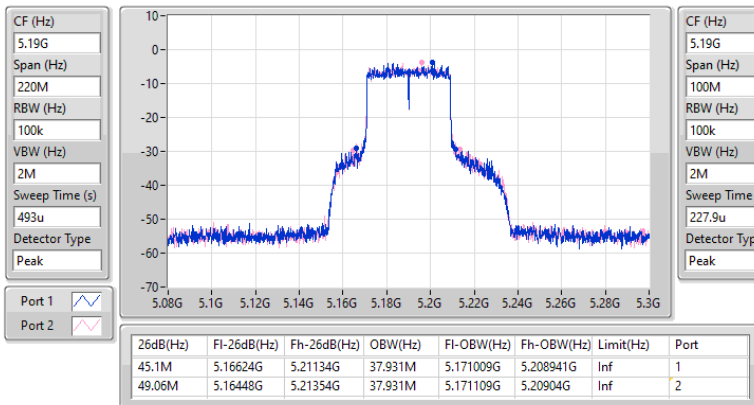


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

22/05/2025

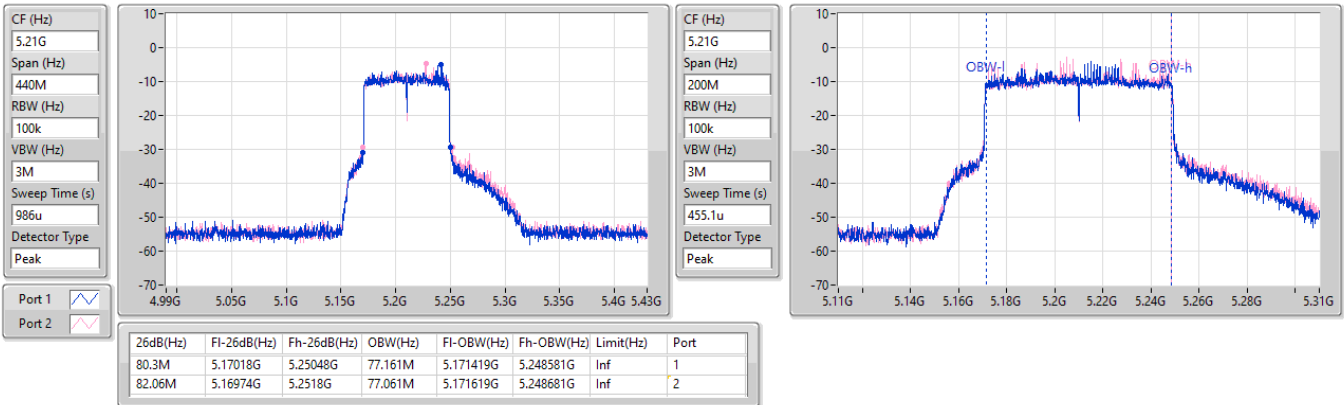


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EBW

5210MHz

22/05/2025

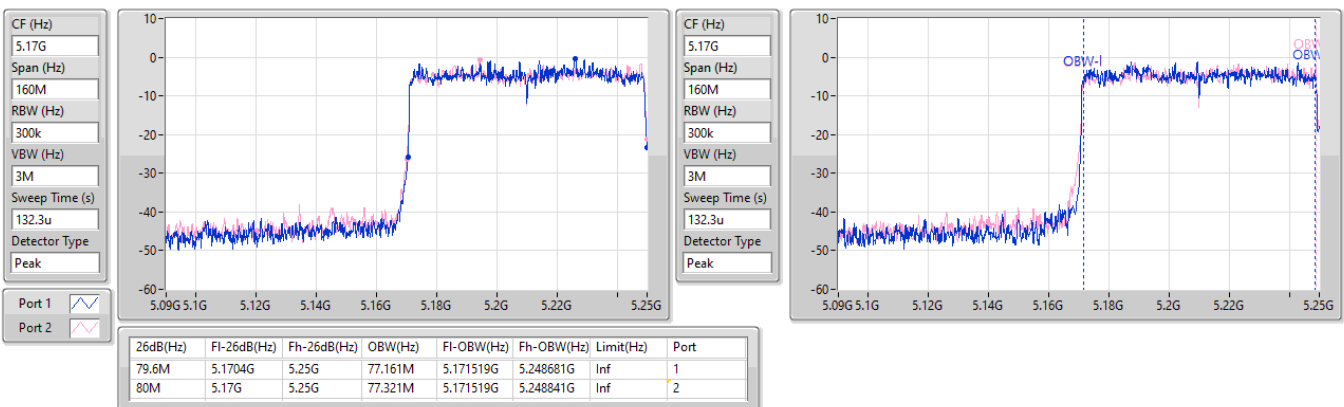


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

23/05/2025

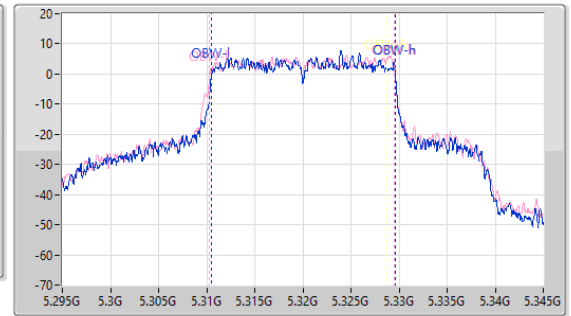
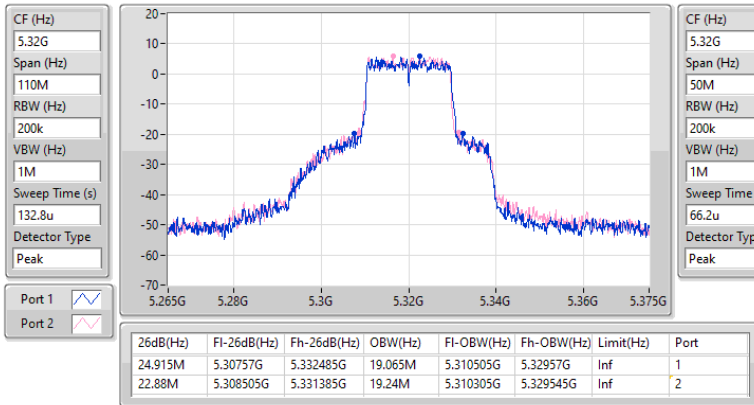


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

20/05/2025

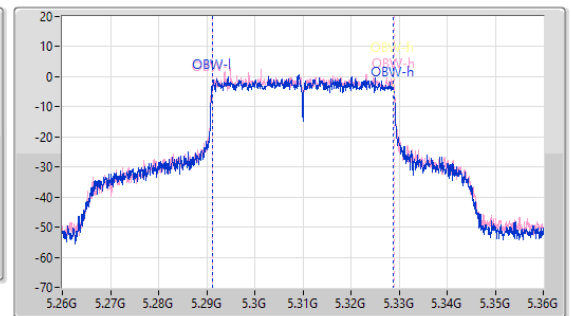
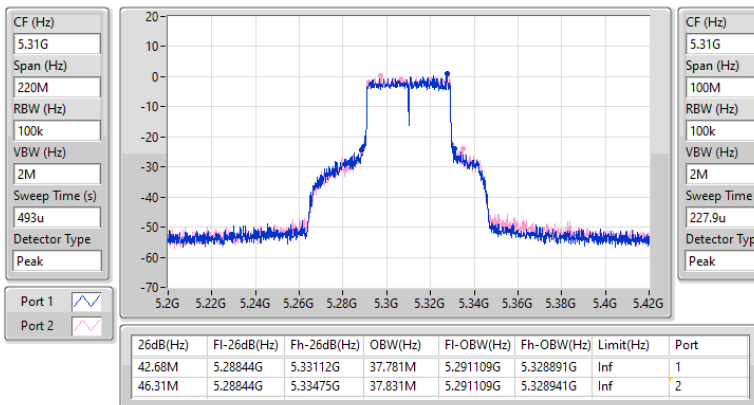


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

20/05/2025

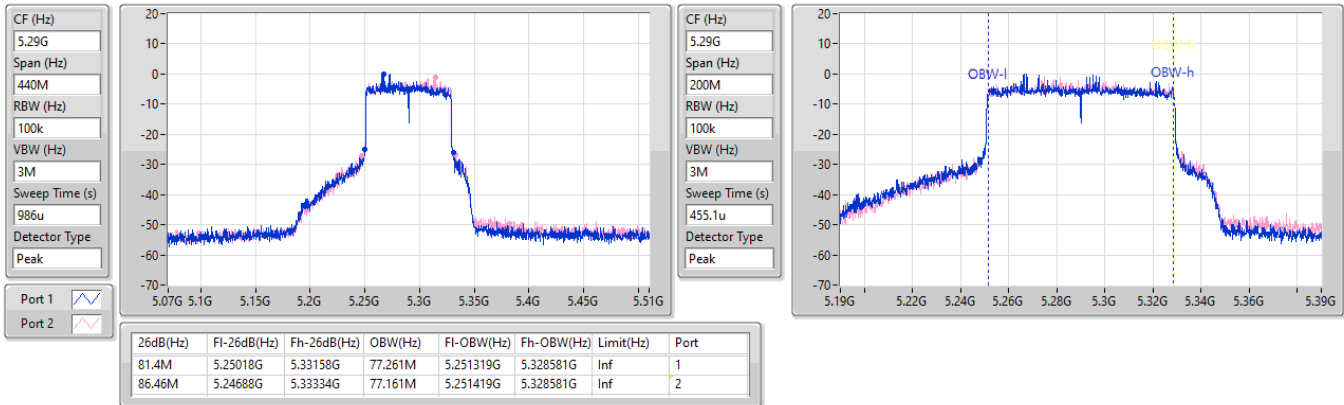


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

20/05/2025

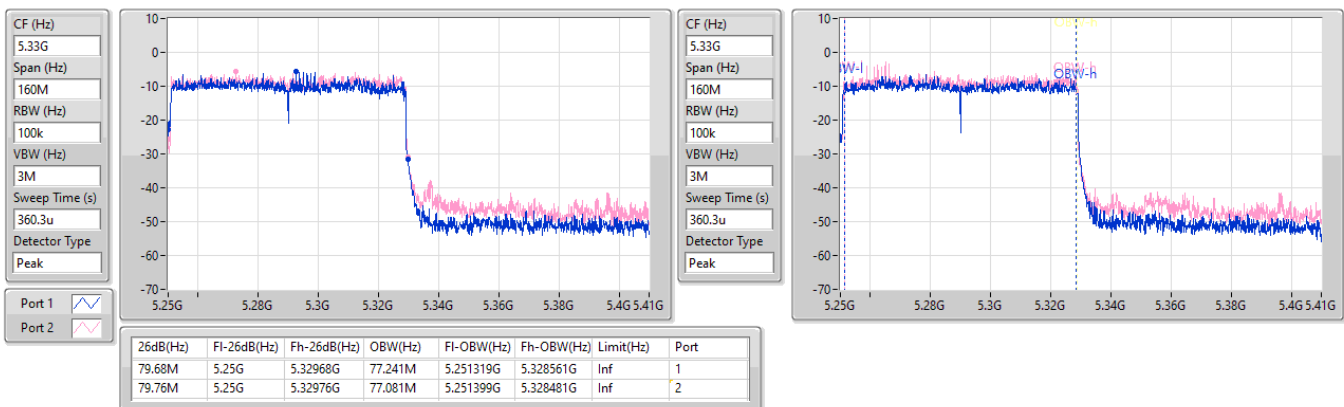


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

23/05/2025



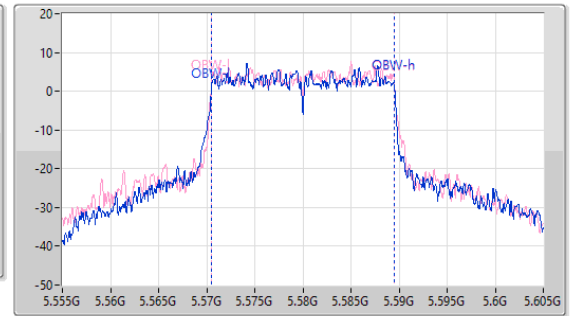
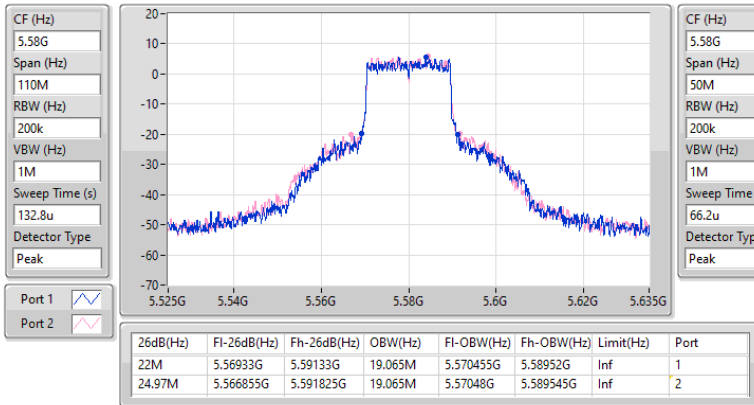


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

20/05/2025

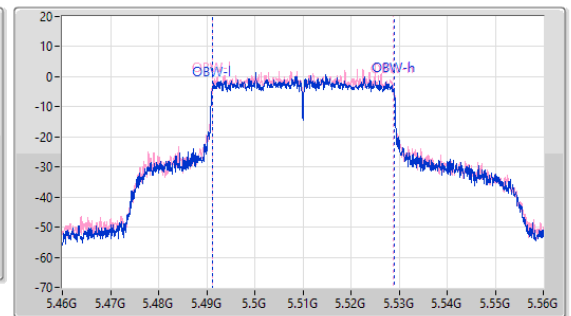
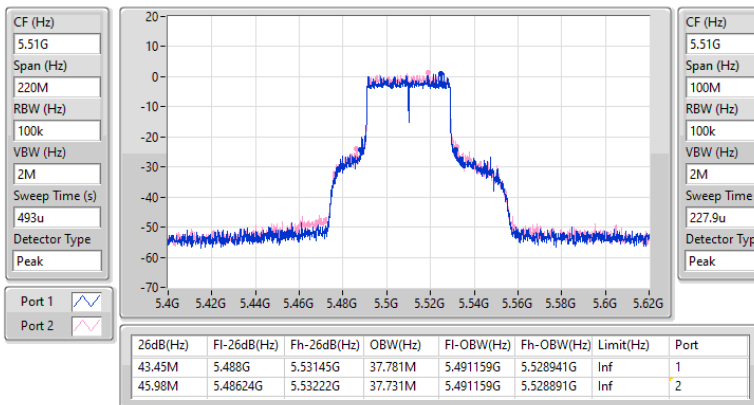


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

20/05/2025

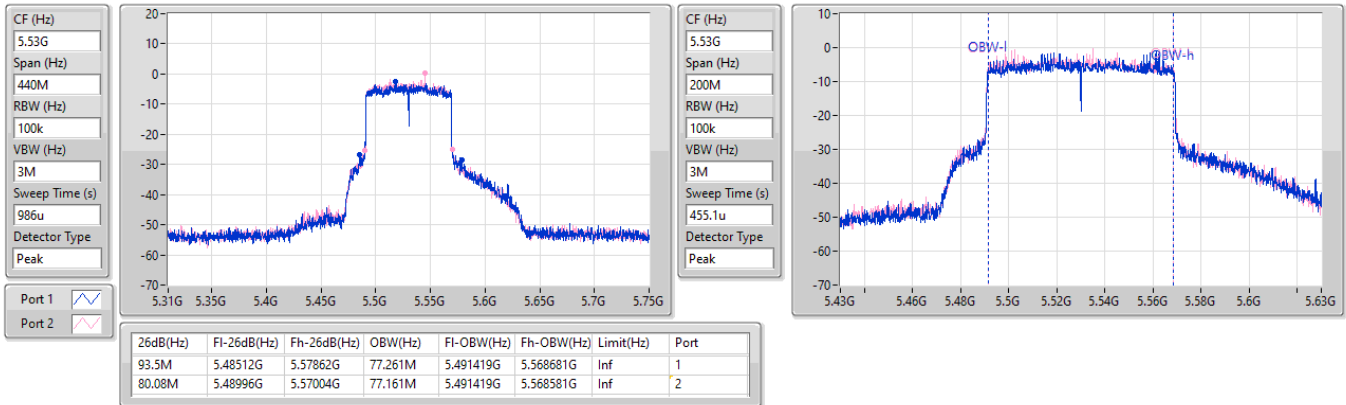


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

20/05/2025

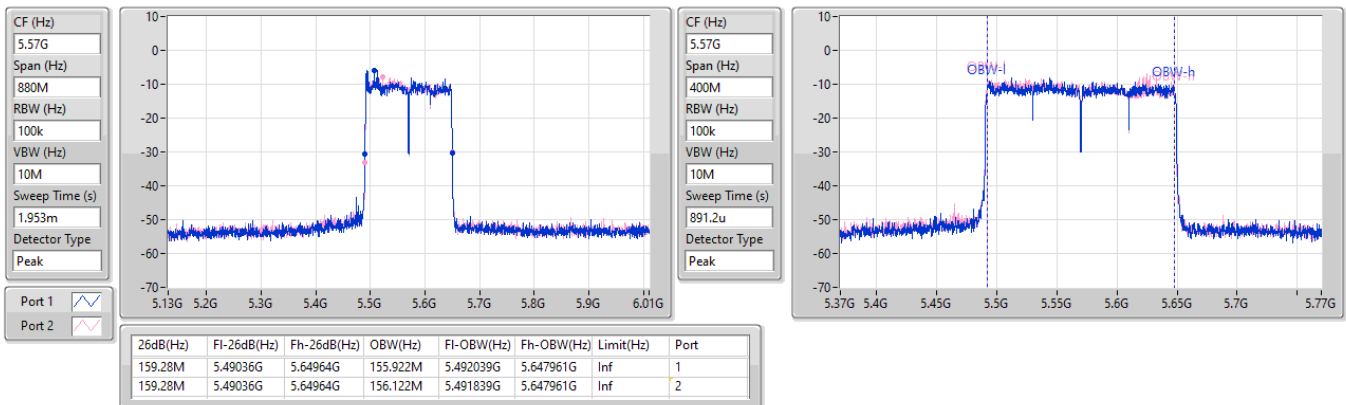


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

20/05/2025

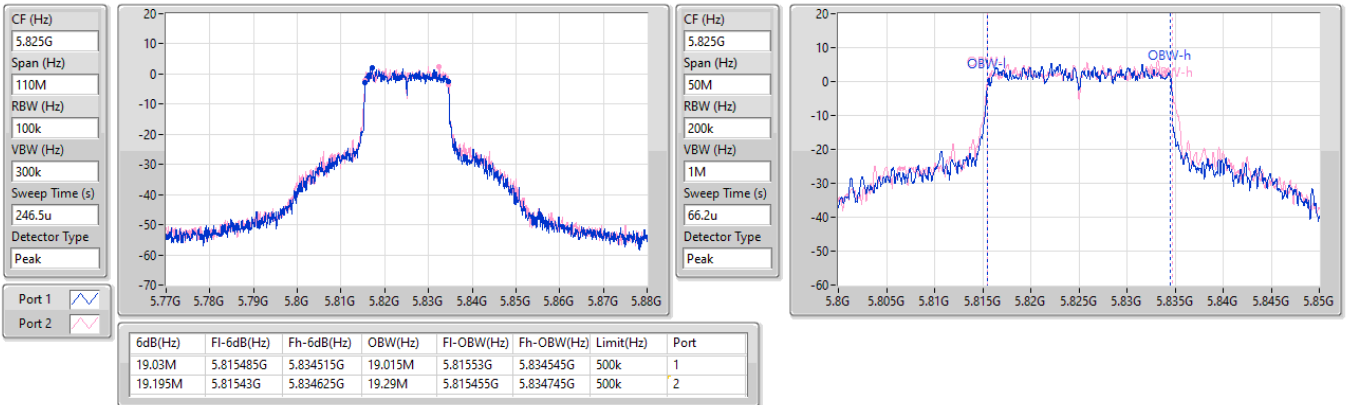


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

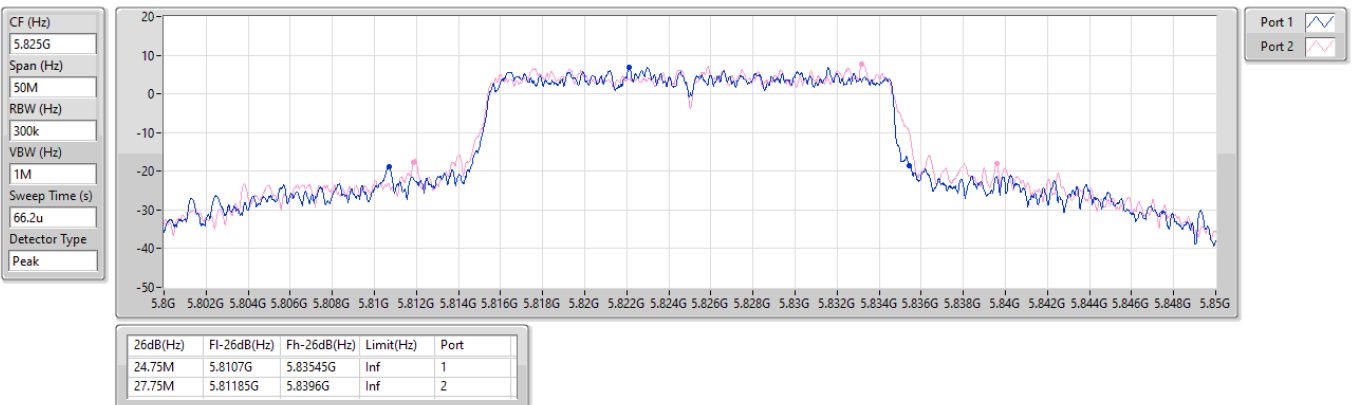


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

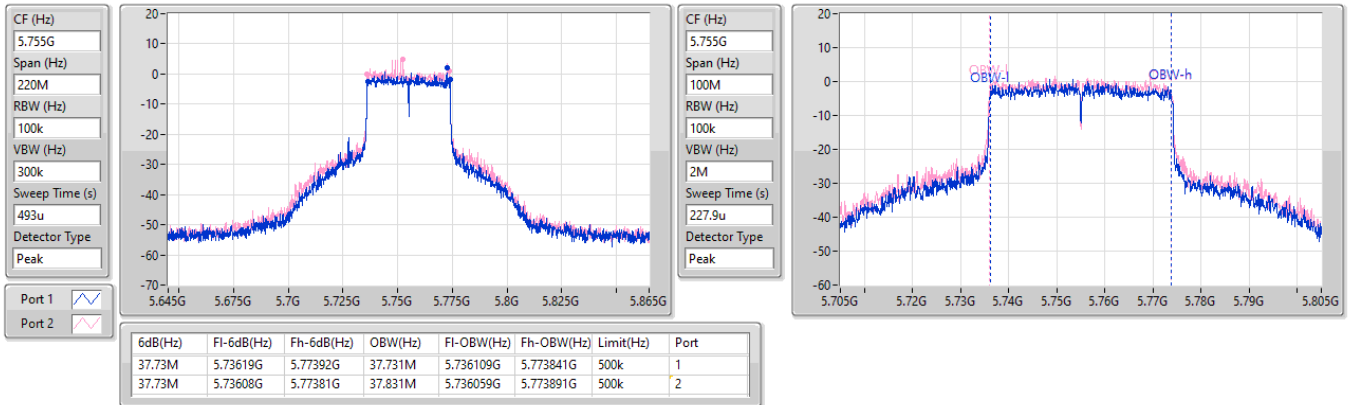


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

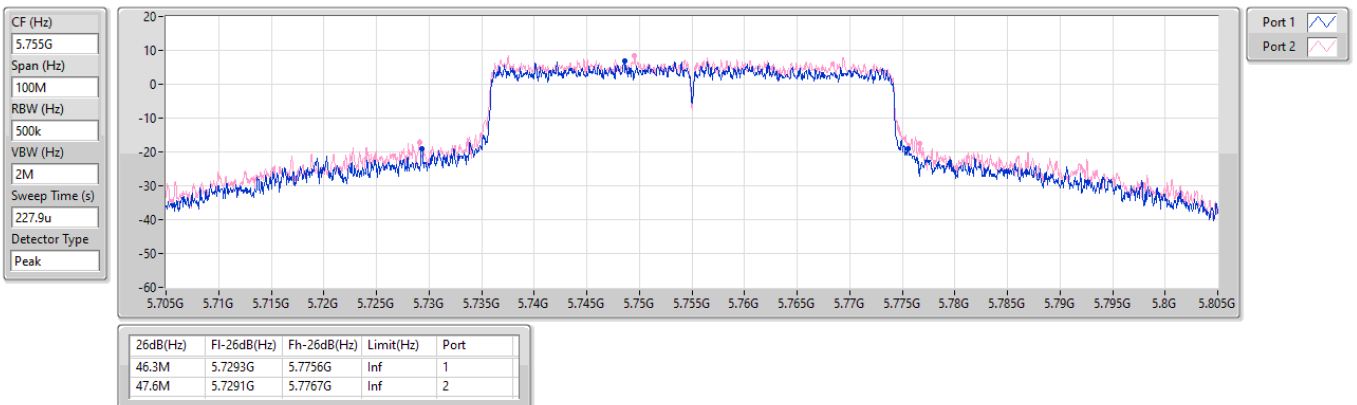


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

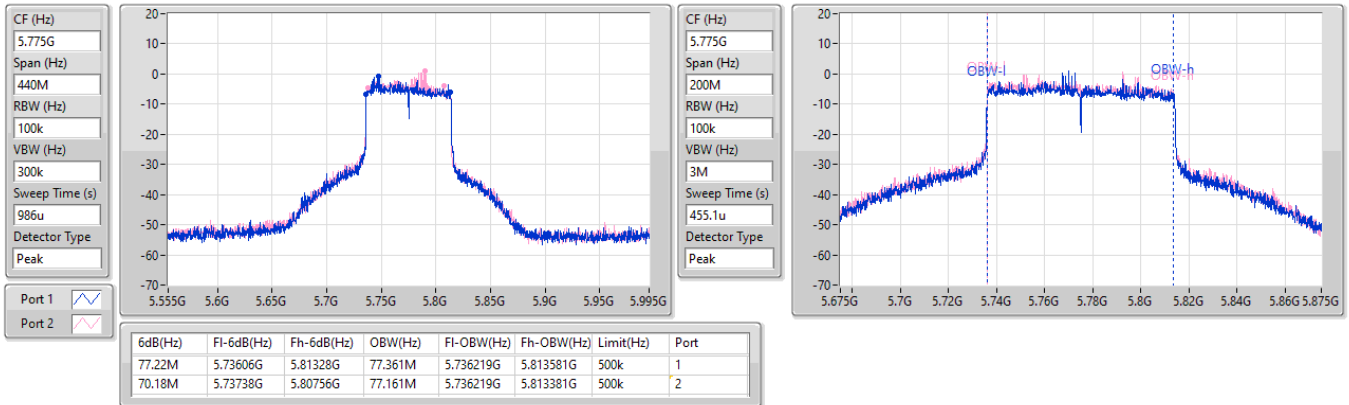


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025

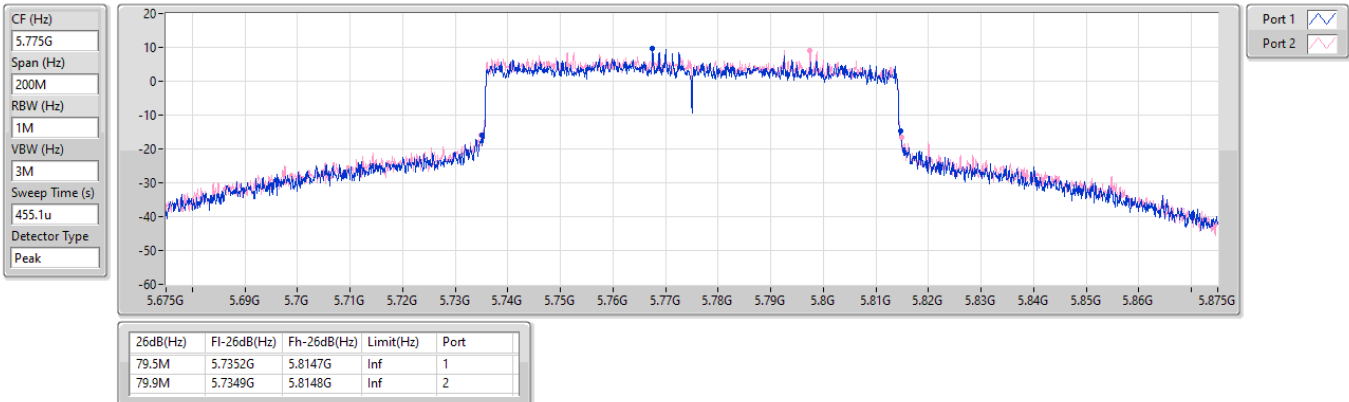


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025





EBW_Non-Beamforming_ Radio 2_1T1S_Patch_Outdoor_30 Degree Gain

Appendix B.30

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	24.75M	16.756M	16M8D1D	21.45M	16.536M
802.11be EHT20_Nss1,(MCS0)_1TX	23.705M	19.165M	19M2D1D	21.175M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	46.31M	37.781M	37M8D1D	41.03M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	80.3M	77.161M	77M2D1D	80.3M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	79.76M	77.081M	77M1D1D	79.76M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.33M	17.129M	17M1D1D	22M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX	22.11M	19.04M	19M0D1D	21.67M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	44.55M	37.881M	37M9D1D	43.56M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	84.92M	77.261M	77M3D1D	84.92M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	80.08M	77.161M	77M2D1D	80.08M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.78M	16.8M	16M8D1D	15.39M	13.568M
802.11be EHT20_Nss1,(MCS0)_1TX	23.375M	19.14M	19M1D1D	15.945M	14.453M
802.11be EHT40_Nss1,(MCS0)_1TX	45.98M	37.781M	37M8D1D	34.51M	33.653M
802.11be EHT80_Nss1,(MCS0)_1TX	81.62M	77.361M	77M4D1D	75.525M	73.088M
802.11be EHT160_Nss1,(MCS0)_1TX	159.28M	156.122M	156MD1D	159.28M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	17.063M	17M1D1D	3.18M	4.798M
802.11be EHT20_Nss1,(MCS0)_1TX	19.14M	19.14M	19M1D1D	4.6M	5.517M
802.11be EHT40_Nss1,(MCS0)_1TX	36.96M	37.831M	37M8D1D	4M	10.095M
802.11be EHT80_Nss1,(MCS0)_1TX	77.66M	77.161M	77M2D1D	4.08M	13.573M

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_Non-Beamforming_
Radio 2_1T1S_Patch_Outdoor_30 Degree Gain**

Appendix B.30

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.75M	16.756M
5200MHz	Pass	Inf	21.725M	16.536M
5240MHz	Pass	Inf	21.45M	16.756M
5260MHz	Pass	Inf	22.33M	16.712M
5300MHz	Pass	Inf	22M	16.646M
5320MHz	Pass	Inf	22M	17.129M
5500MHz	Pass	Inf	21.56M	16.8M
5580MHz	Pass	Inf	21.78M	16.778M
5700MHz	Pass	Inf	21.23M	16.624M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.39M	13.568M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	4.798M
5745MHz	Pass	500k	16.555M	17.063M
5785MHz	Pass	500k	16.555M	16.866M
5825MHz	Pass	500k	16.555M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.55M	19.165M
5200MHz	Pass	Inf	23.705M	19.065M
5240MHz	Pass	Inf	21.175M	19.165M
5260MHz	Pass	Inf	21.89M	19.04M
5300MHz	Pass	Inf	22.11M	19.04M
5320MHz	Pass	Inf	21.67M	18.991M
5500MHz	Pass	Inf	22.605M	19.04M
5580MHz	Pass	Inf	23.375M	19.14M
5700MHz	Pass	Inf	20.68M	19.065M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.6M	5.517M
5745MHz	Pass	500k	16.94M	19.015M
5785MHz	Pass	500k	19.085M	19.04M
5825MHz	Pass	500k	19.14M	19.14M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	46.31M	37.781M
5230MHz	Pass	Inf	41.03M	37.731M
5270MHz	Pass	Inf	44.55M	37.881M
5310MHz	Pass	Inf	43.56M	37.731M
5510MHz	Pass	Inf	45.98M	37.731M
5550MHz	Pass	Inf	42.46M	37.781M
5670MHz	Pass	Inf	40.59M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.51M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	10.095M
5755MHz	Pass	500k	36.63M	37.781M
5795MHz	Pass	500k	36.96M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	80.3M	77.161M
5290MHz	Pass	Inf	84.92M	77.261M
5530MHz	Pass	Inf	81.62M	77.261M
5610MHz	Pass	Inf	80.3M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	13.573M
5775MHz	Pass	500k	77.66M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.76M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.08M	77.161M
5570MHz	Pass	Inf	159.28M	156.122M

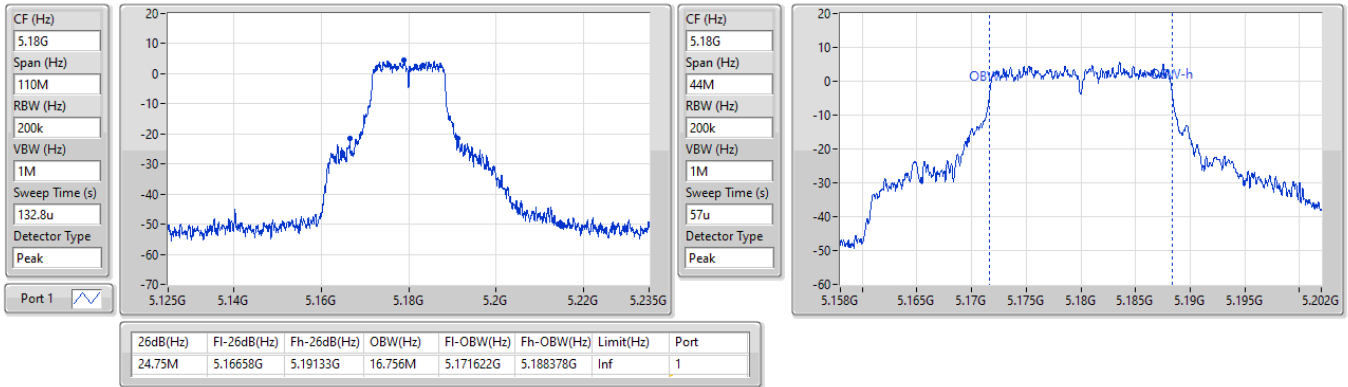
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

21/05/2025

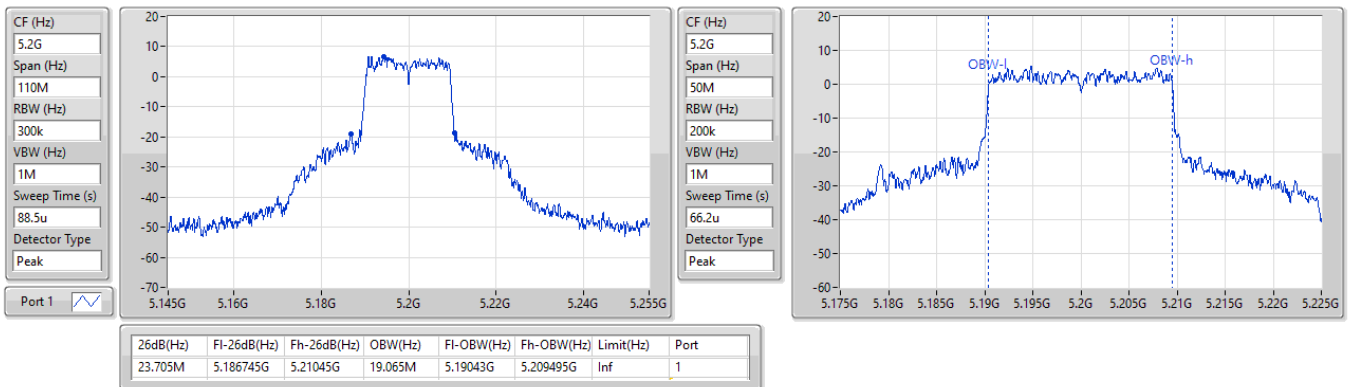


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

21/05/2025

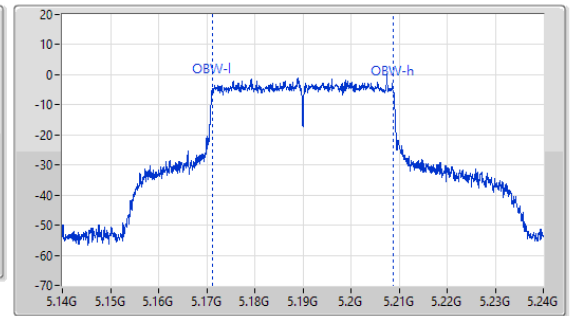
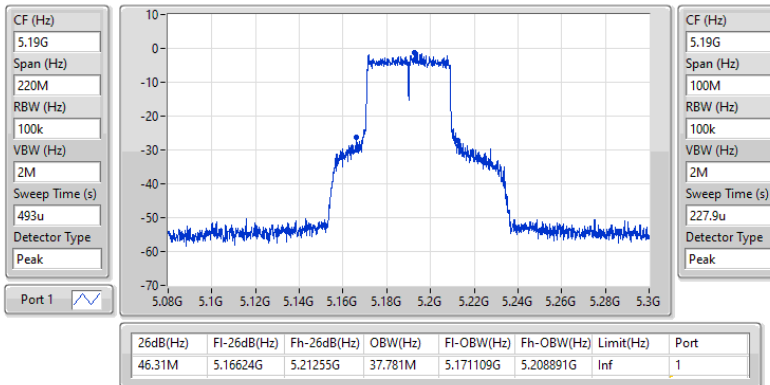


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

21/05/2025

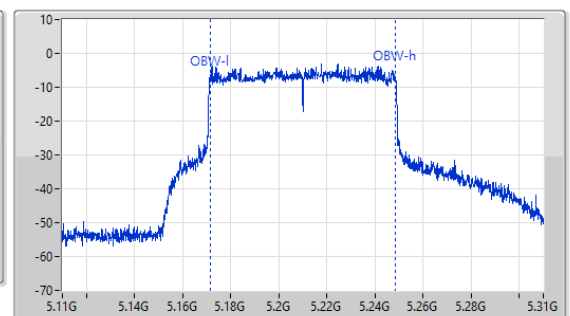
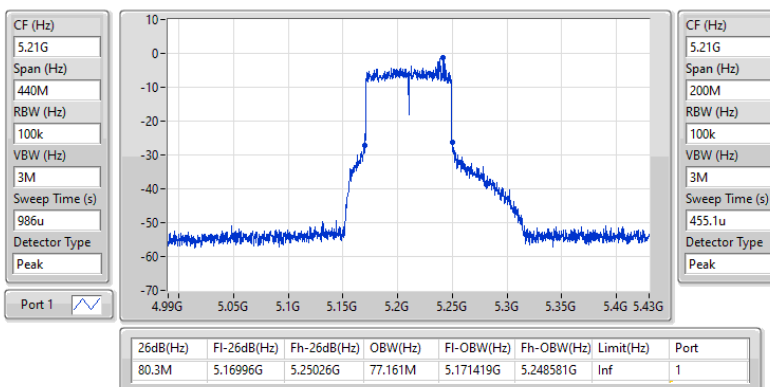


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

21/05/2025

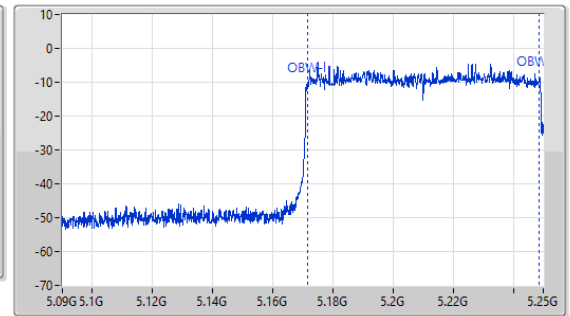
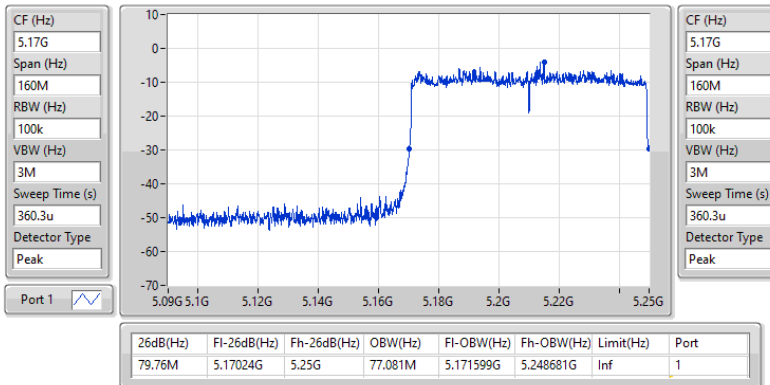


5.15-5.25GHz 802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

20/05/2025

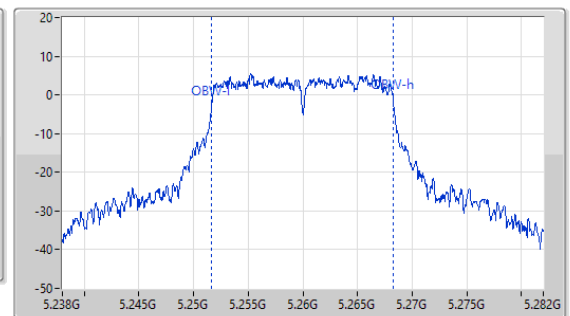
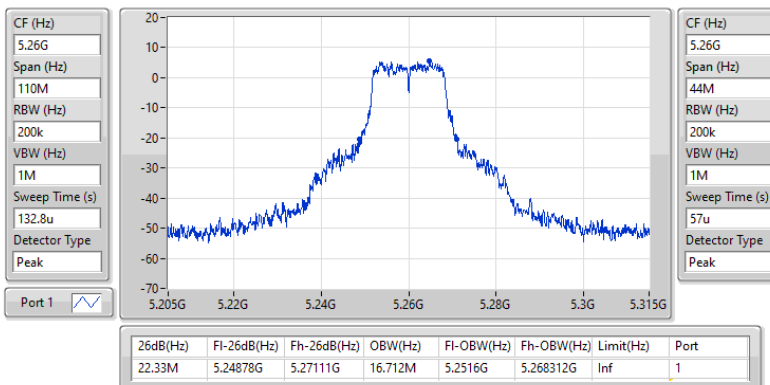


5.25-5.35GHz 802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

20/05/2025

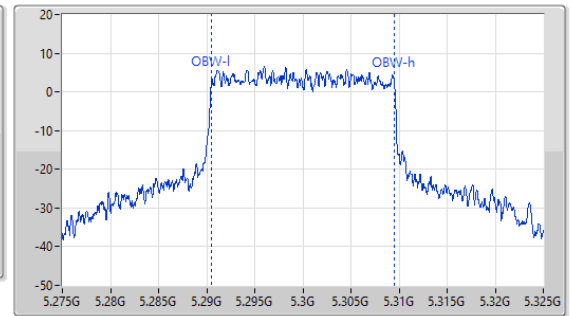
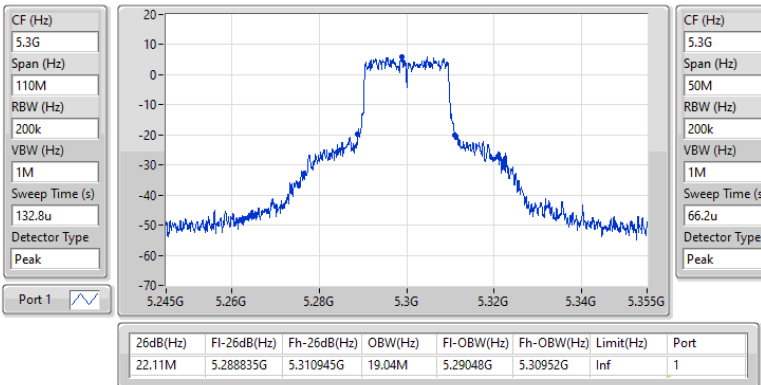


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

20/05/2025

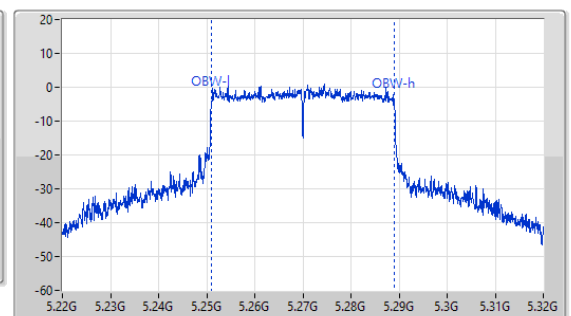
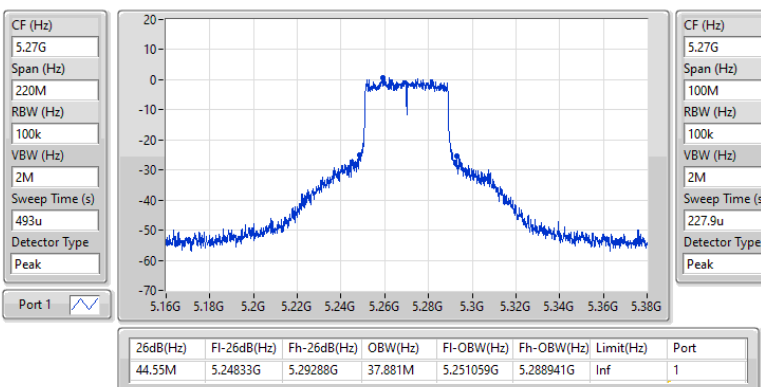


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

20/05/2025

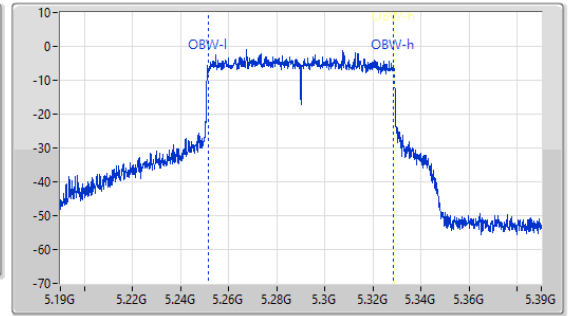
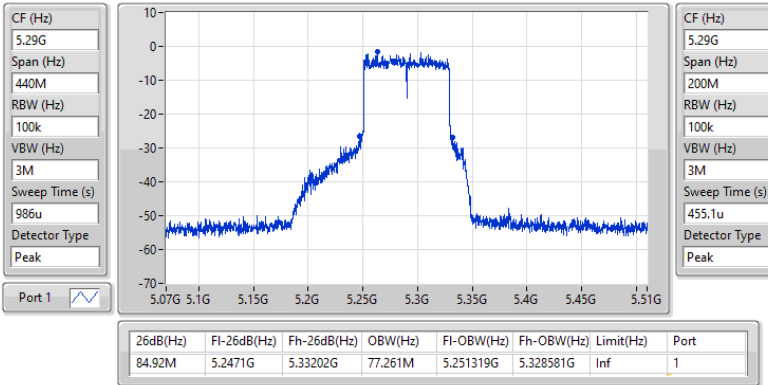


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

20/05/2025

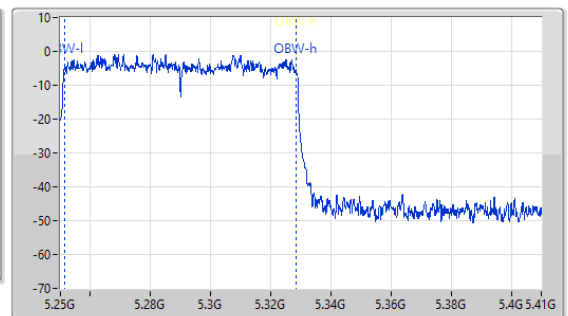
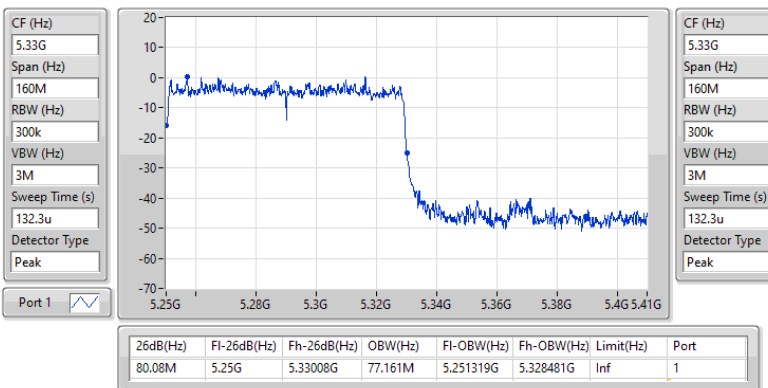


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

20/05/2025

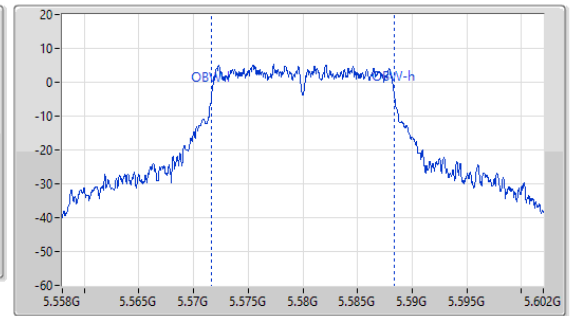
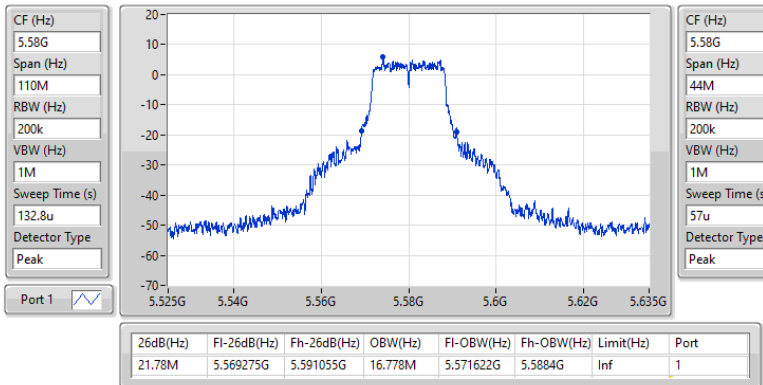


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

20/05/2025

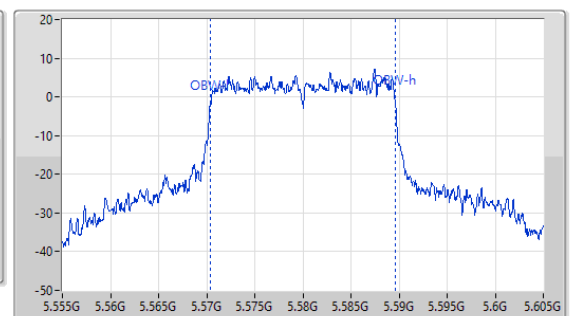
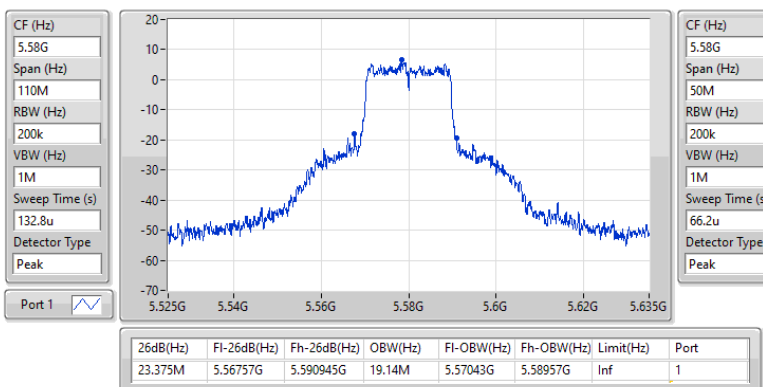


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

20/05/2025

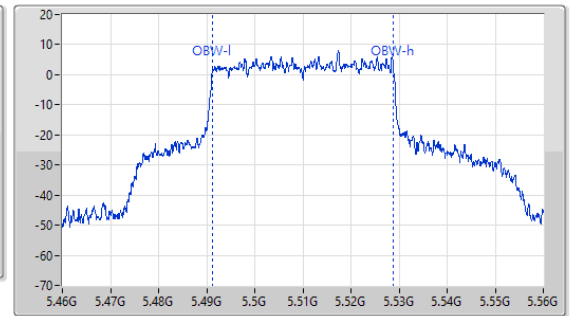
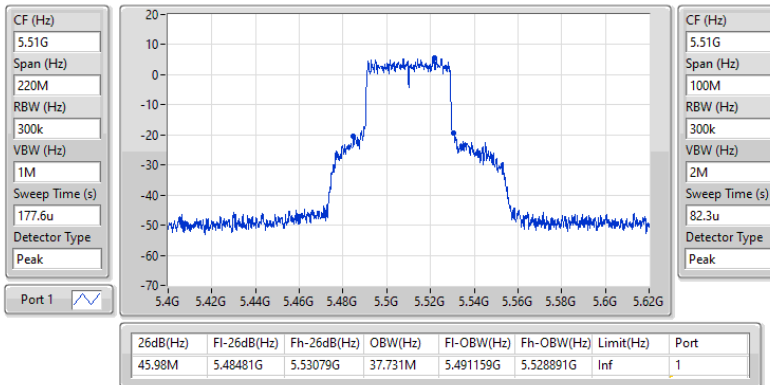


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5510MHz

20/05/2025

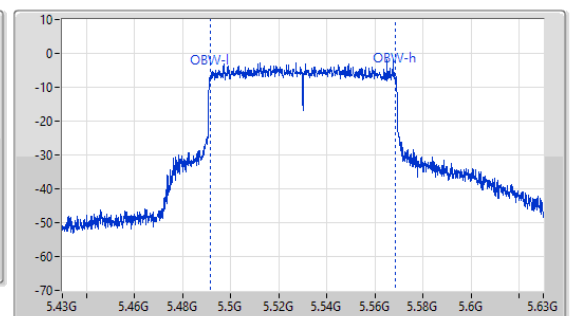
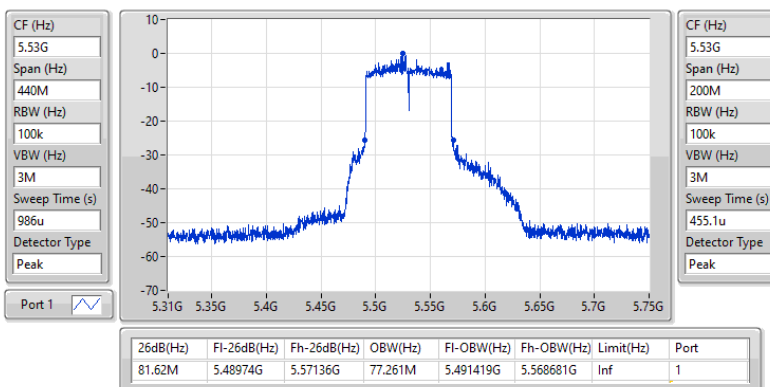


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5530MHz

20/05/2025

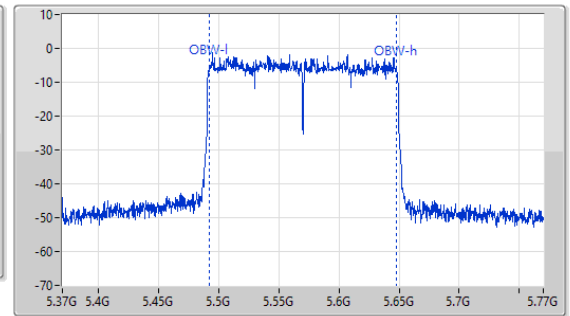
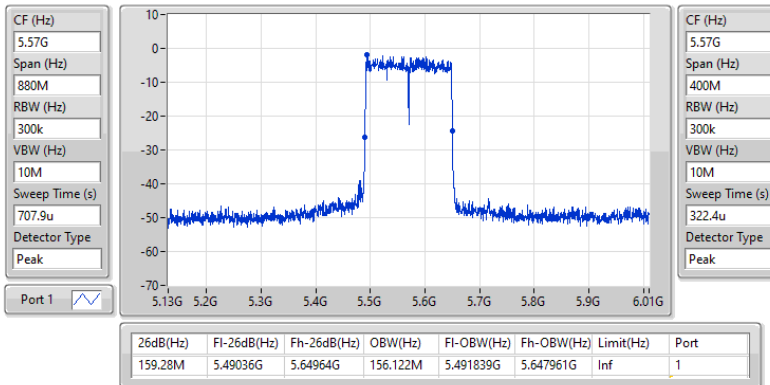


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

20/05/2025

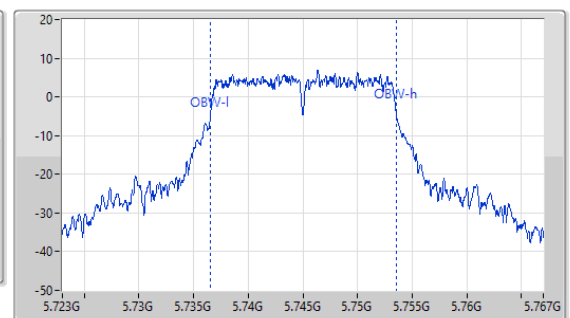
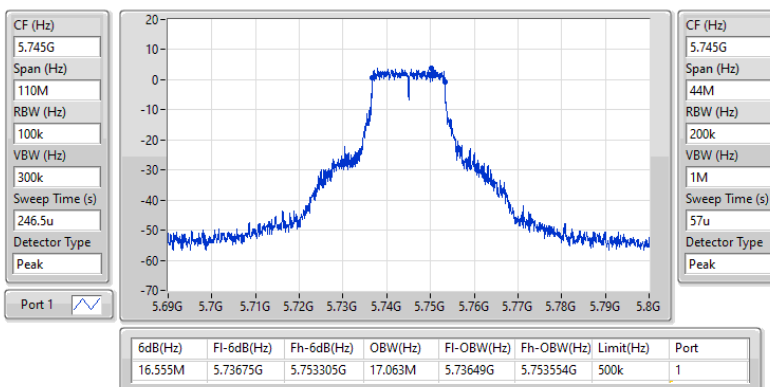


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

20/05/2025

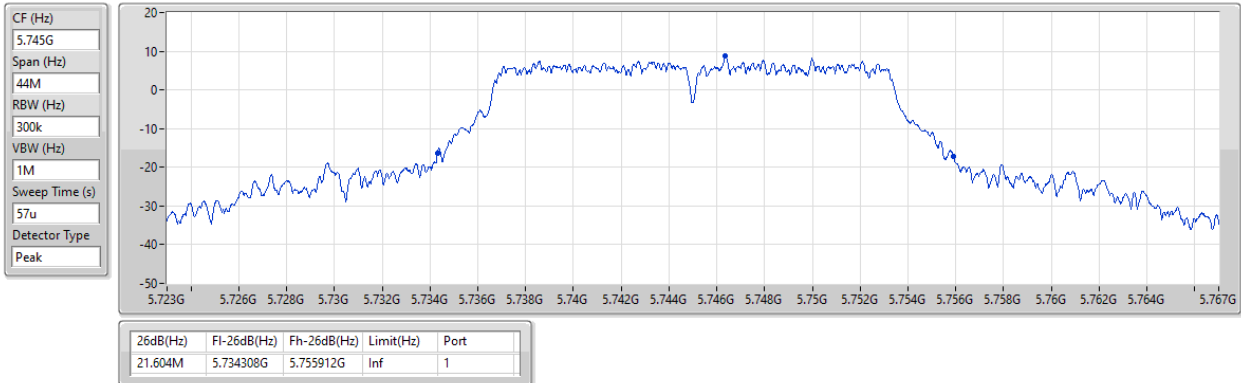


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

20/05/2025

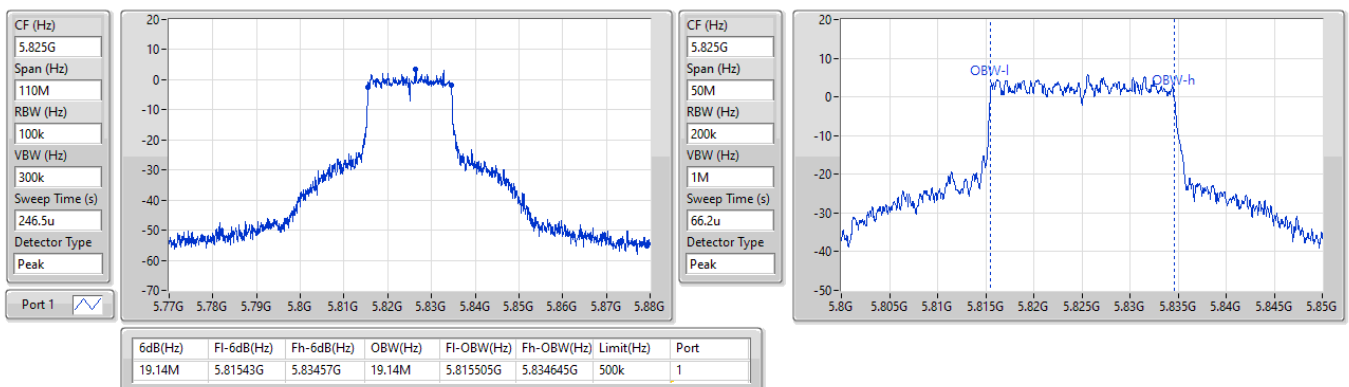


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5825MHz

20/05/2025

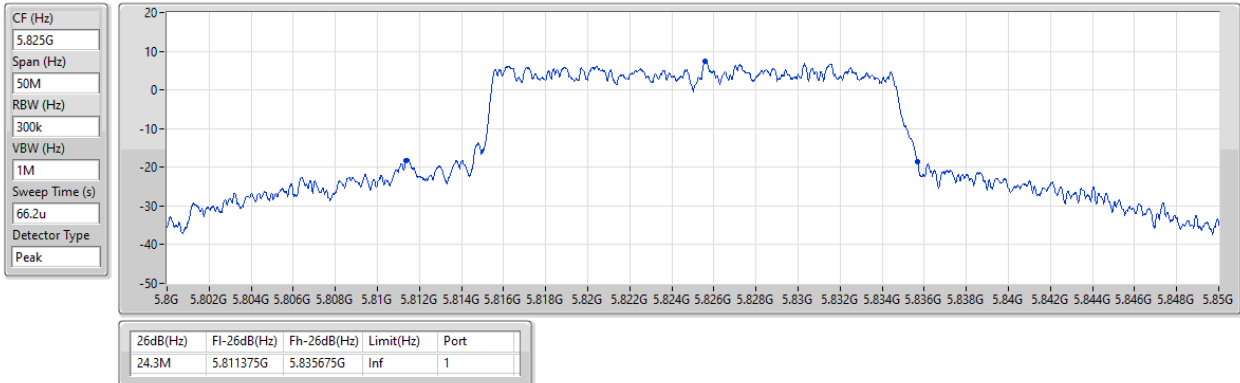


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5825MHz

20/05/2025

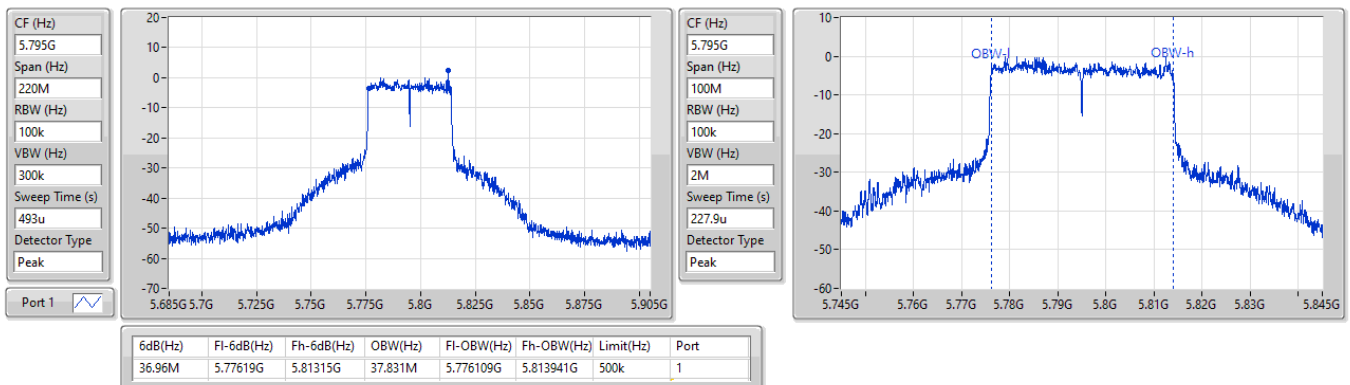


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

20/05/2025



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5795MHz

20/05/2025

CF (Hz)
5.795G

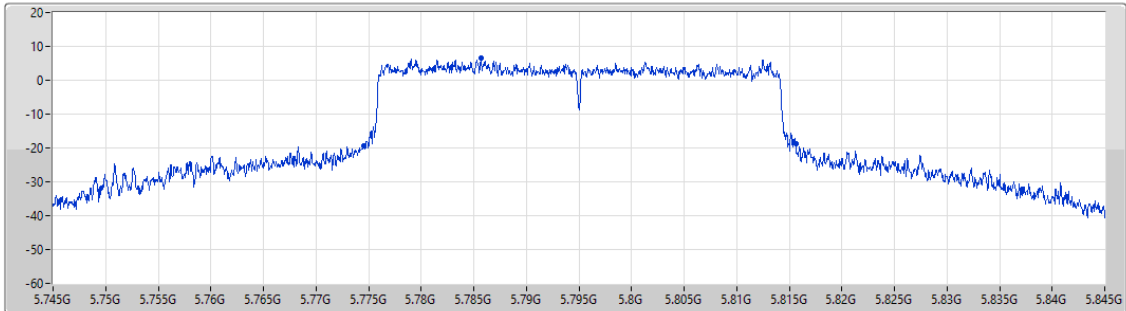
Span (Hz)
100M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
227.9u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.1M	5.77455G	5.81565G	Inf	1

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

20/05/2025

CF (Hz)
5.775G

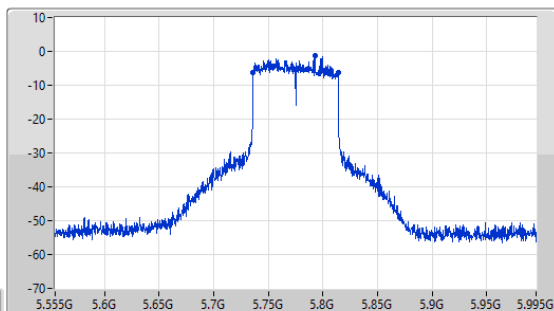
Span (Hz)
440M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
986u

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.66M	5.73606G	5.81372G	77.161M	5.736319G	5.813481G	500k	1

CF (Hz)
5.775G

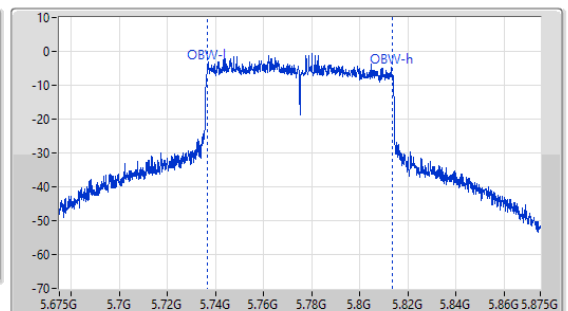
Span (Hz)
200M

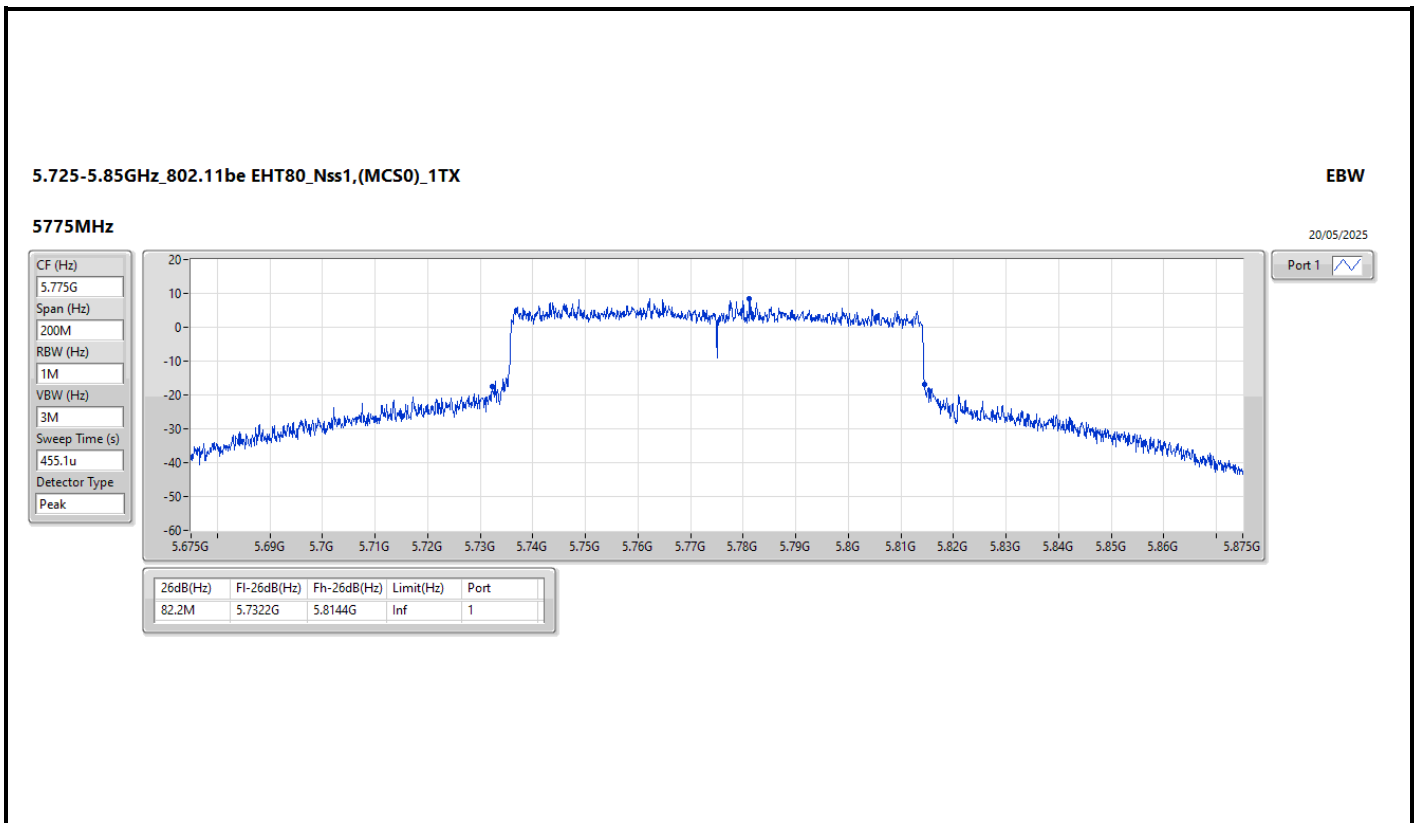
RBW (Hz)
100k

VBW (Hz)
3M

Sweep Time (s)
455.1u

Detector Type
Peak







EBW_Non-Beamforming_ Radio 2_2T1S_Patch_Outdoor_30 Degree Gain

Appendix B.31

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	22.22M	17.107M	17M1D1D	20.955M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX	24.97M	19.165M	19M2D1D	21.395M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	49.06M	37.931M	37M9D1D	40.81M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	94.38M	77.261M	77M3D1D	85.36M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	79.52M	77.241M	77M2D1D	79.36M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.925M	16.976M	17M0D1D	21.23M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	24.365M	19.165M	19M2D1D	21.45M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	54.78M	37.831M	37M8D1D	41.25M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	87.34M	77.361M	77M4D1D	82.5M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	79.76M	77.161M	77M2D1D	79.44M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	17.239M	17M2D1D	15.72M	13.403M
802.11be EHT20_Nss1,(MCS0)_2TX	23.76M	19.215M	19M2D1D	17.94M	14.468M
802.11be EHT40_Nss1,(MCS0)_2TX	49.61M	37.831M	37M8D1D	35.07M	33.758M
802.11be EHT80_Nss1,(MCS0)_2TX	92.4M	77.261M	77M3D1D	74.55M	73.088M
802.11be EHT160_Nss1,(MCS0)_2TX	159.28M	156.522M	157MD1D	158.84M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	17.283M	17M3D1D	3.28M	4.758M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.265M	19M3D1D	4.58M	5.057M
802.11be EHT40_Nss1,(MCS0)_2TX	38.28M	37.781M	37M8D1D	3.94M	8.376M
802.11be EHT80_Nss1,(MCS0)_2TX	77.44M	77.261M	77M3D1D	4.1M	15.632M

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_Non-Beamforming_ Radio 2_2T1S_Patch_Outdoor_30 Degree Gain

Appendix B.31

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	21.56M	17.107M	22.22M	16.8M
5200MHz	Pass	Inf	21.065M	16.844M	21.45M	16.734M
5240MHz	Pass	Inf	20.955M	16.998M	21.835M	17.085M
5260MHz	Pass	Inf	21.45M	16.8M	22.22M	16.844M
5300MHz	Pass	Inf	21.56M	16.976M	23.65M	16.668M
5320MHz	Pass	Inf	21.23M	16.602M	23.925M	16.822M
5500MHz	Pass	Inf	21.12M	16.69M	22.605M	17.239M
5580MHz	Pass	Inf	22.33M	16.932M	21.78M	17.107M
5700MHz	Pass	Inf	21.065M	16.602M	20.405M	16.844M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.975M	13.403M	15.72M	13.418M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.758M	3.28M	4.958M
5745MHz	Pass	500k	16.39M	16.954M	16.335M	16.998M
5785MHz	Pass	500k	16.335M	16.998M	16.5M	16.844M
5825MHz	Pass	500k	16.5M	17.283M	16.335M	16.712M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	19.165M	24.97M	19.015M
5200MHz	Pass	Inf	23.32M	19.09M	21.56M	19.09M
5240MHz	Pass	Inf	22.275M	19.065M	21.395M	19.04M
5260MHz	Pass	Inf	21.45M	19.09M	21.67M	19.115M
5300MHz	Pass	Inf	24.365M	19.165M	21.945M	19.015M
5320MHz	Pass	Inf	22.55M	19.04M	22.88M	19.14M
5500MHz	Pass	Inf	23.76M	19.215M	21.12M	19.215M
5580MHz	Pass	Inf	21.945M	19.115M	22.11M	19.015M
5700MHz	Pass	Inf	20.24M	19.04M	20.625M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.12M	14.468M	17.94M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	5.057M	4.62M	5.777M
5745MHz	Pass	500k	19.14M	19.09M	19.14M	19.015M
5785MHz	Pass	500k	19.14M	19.265M	19.14M	19.19M
5825MHz	Pass	500k	19.03M	19.065M	19.085M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.69M	37.781M	49.06M	37.831M
5230MHz	Pass	Inf	40.81M	37.781M	47.85M	37.931M
5270MHz	Pass	Inf	41.25M	37.781M	42.46M	37.781M
5310MHz	Pass	Inf	54.78M	37.831M	47.74M	37.831M
5510MHz	Pass	Inf	49.61M	37.781M	43.01M	37.781M
5550MHz	Pass	Inf	49.17M	37.731M	48.4M	37.831M
5670MHz	Pass	Inf	40.92M	37.781M	41.47M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.758M	36.54M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	8.376M	4.06M	9.735M
5755MHz	Pass	500k	38.06M	37.731M	38.06M	37.781M
5795MHz	Pass	500k	38.06M	37.731M	38.28M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.36M	77.261M	94.38M	77.261M
5290MHz	Pass	Inf	87.34M	77.261M	82.5M	77.361M
5530MHz	Pass	Inf	86.9M	77.161M	92.4M	77.261M
5610MHz	Pass	Inf	83.6M	77.161M	82.72M	77.261M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.55M	73.163M	75.45M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	15.632M	4.12M	18.971M
5775MHz	Pass	500k	75.9M	77.261M	77.44M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.52M	77.241M	79.36M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.44M	77.161M	79.76M	77.161M
5570MHz	Pass	Inf	158.84M	156.522M	159.28M	155.922M

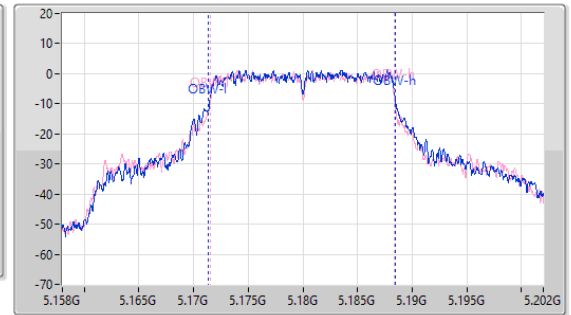
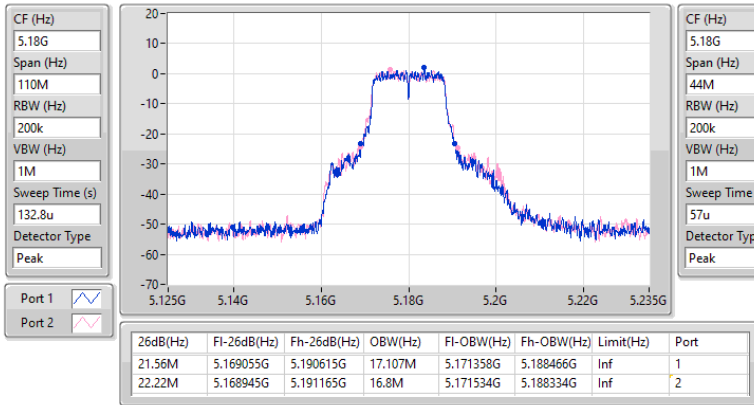
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

23/05/2025

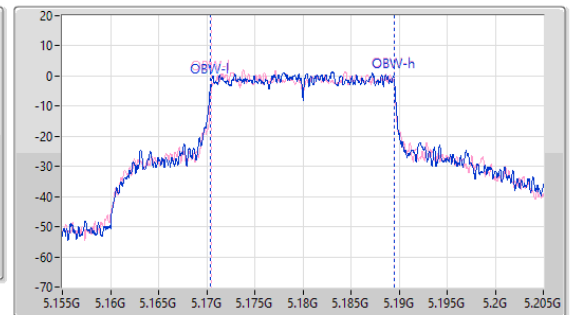
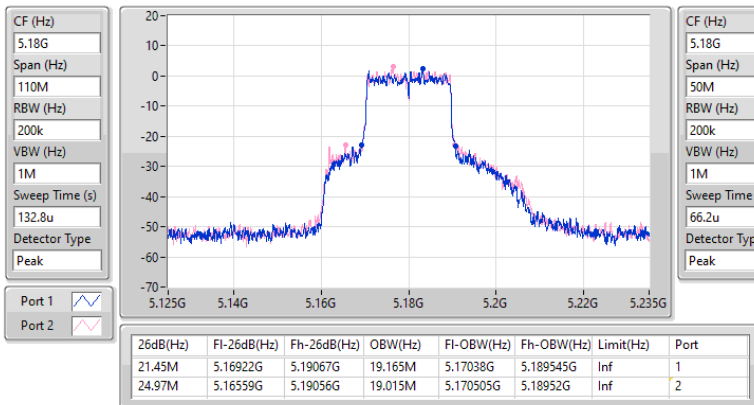


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

23/05/2025

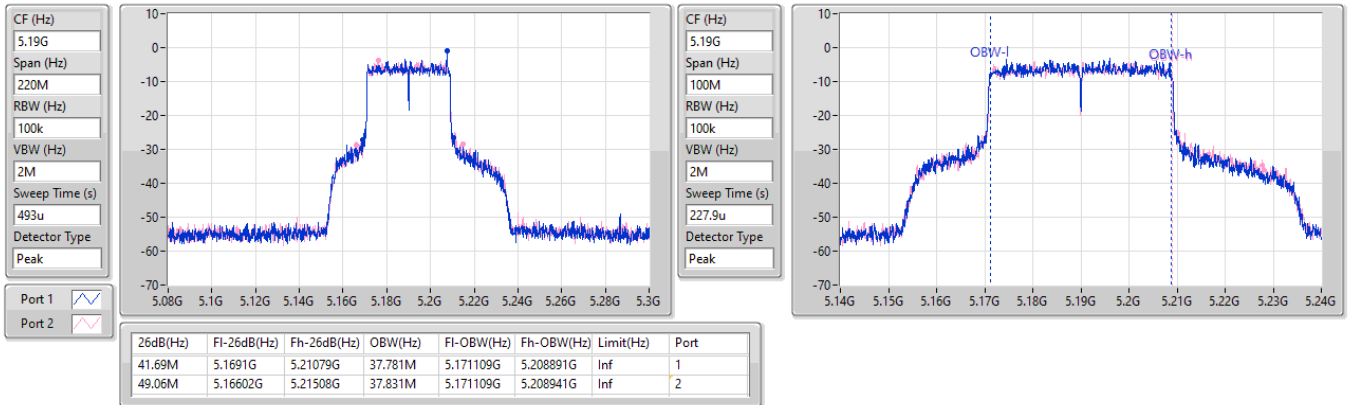


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

23/05/2025

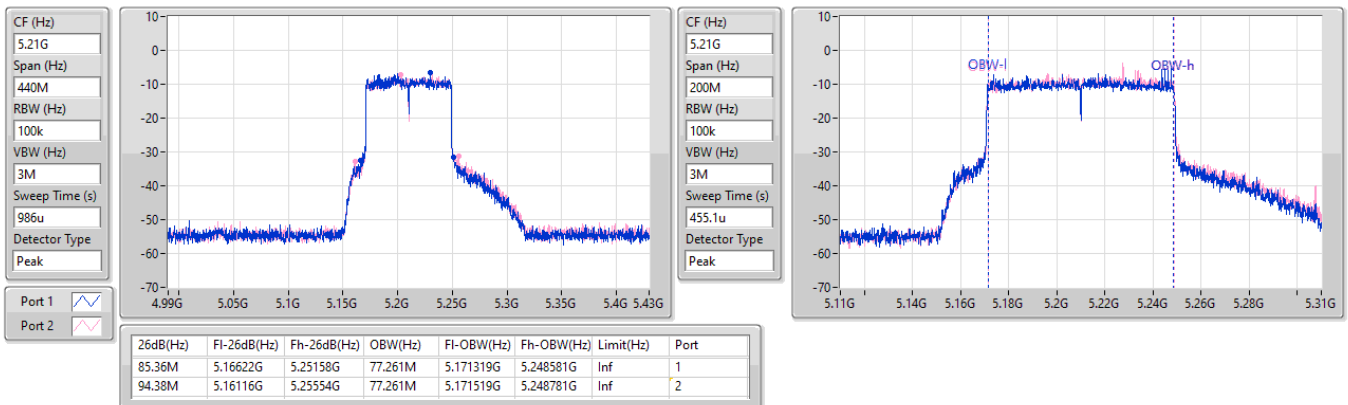


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

23/05/2025

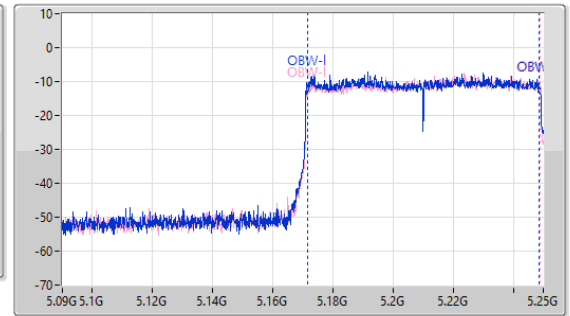
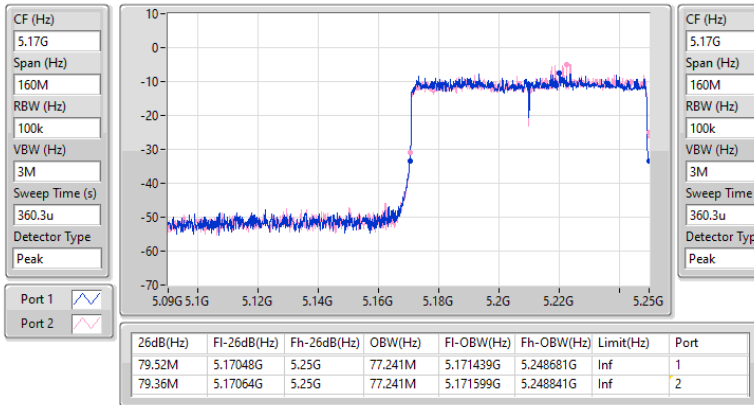


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

23/05/2025

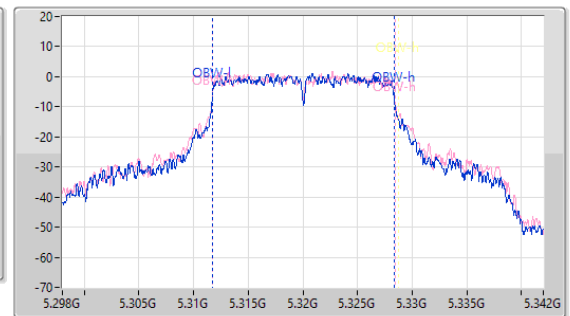
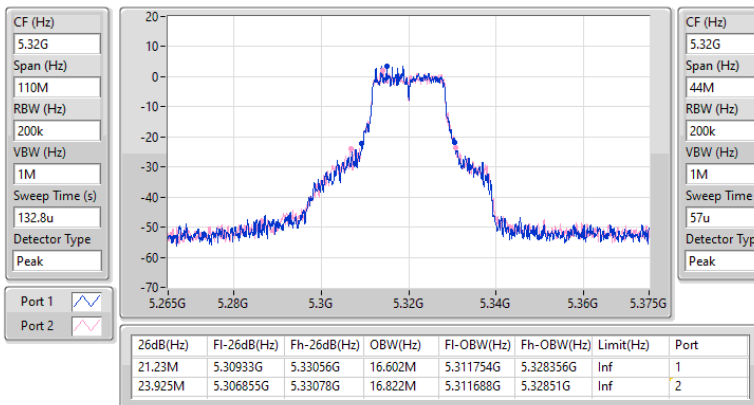


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

20/05/2025

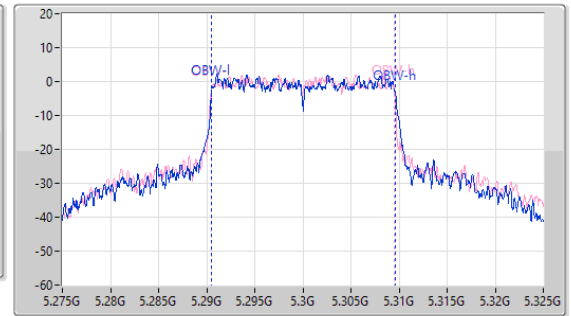
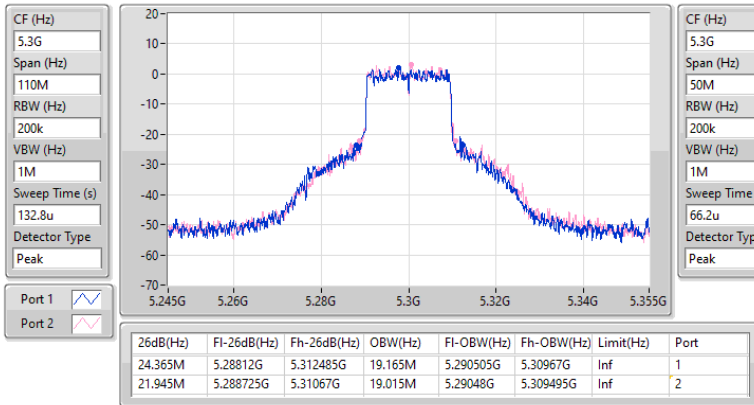


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

20/05/2025

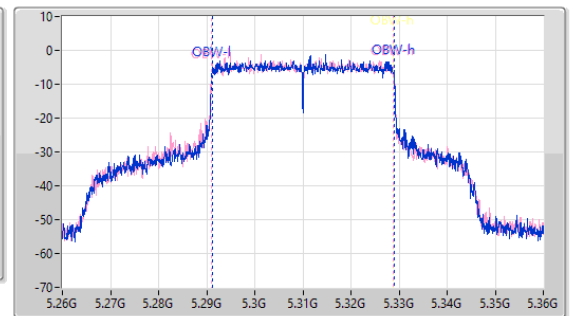
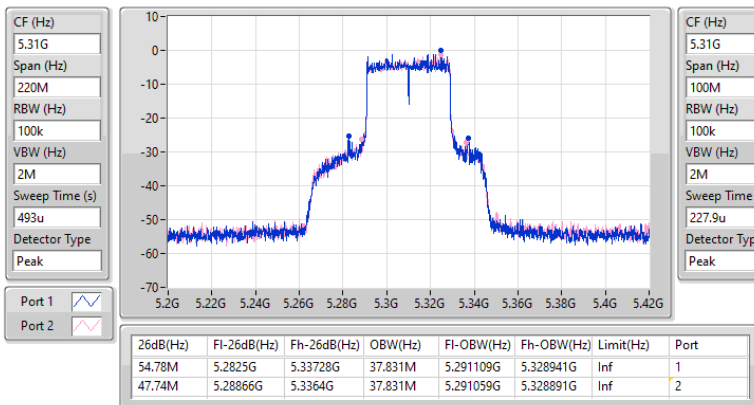


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

20/05/2025

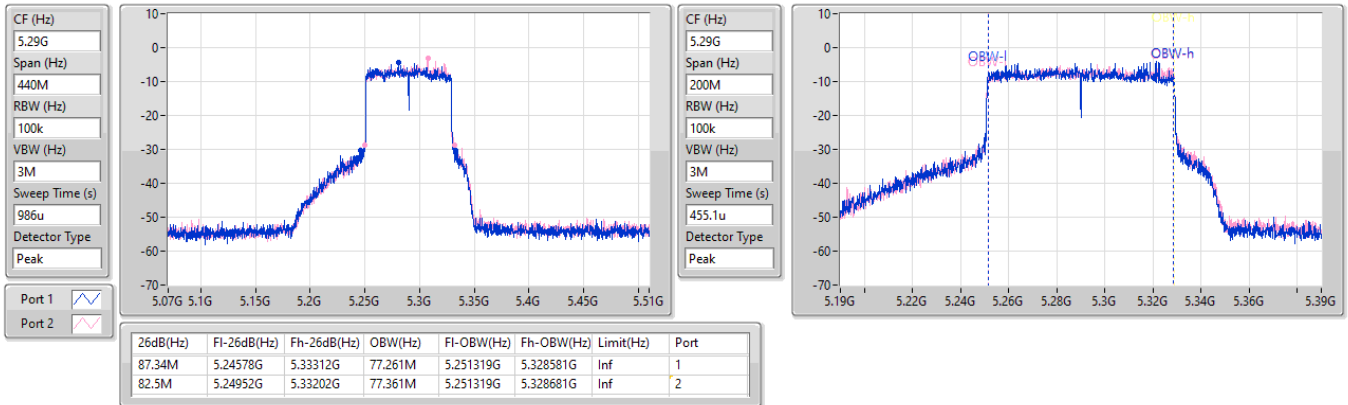


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

20/05/2025

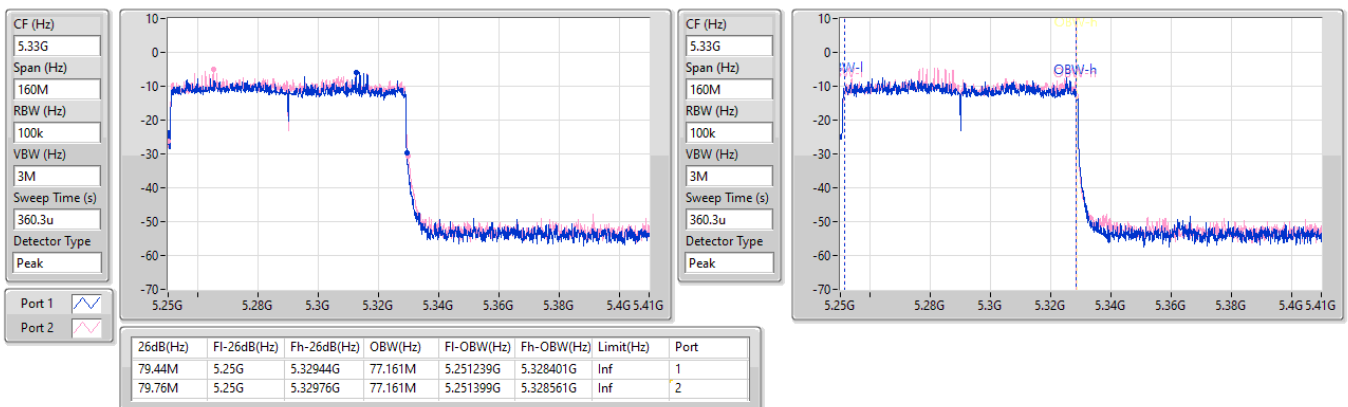


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

23/05/2025

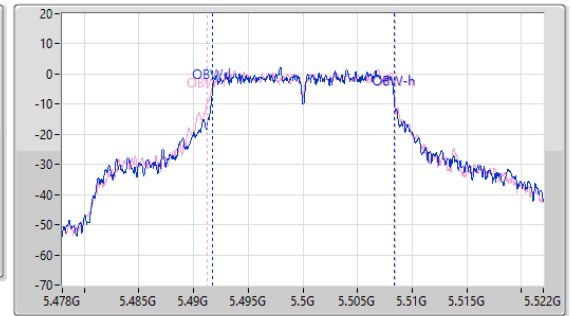
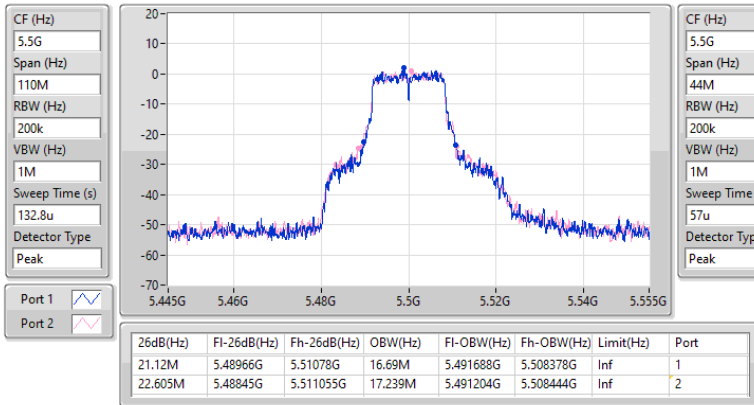


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

20/05/2025

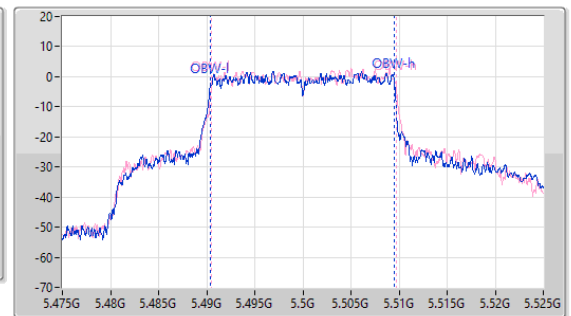
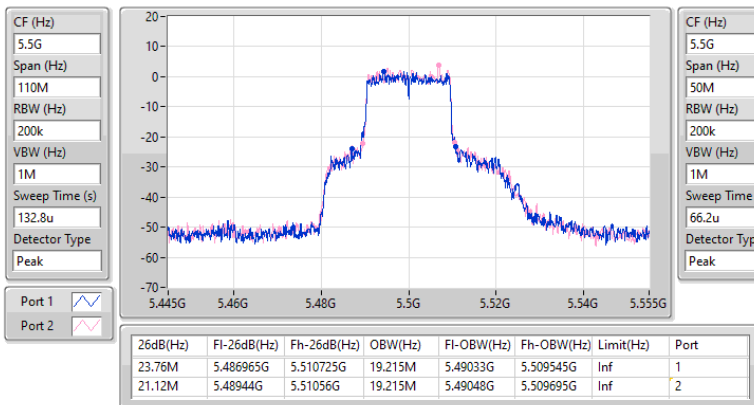


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

20/05/2025

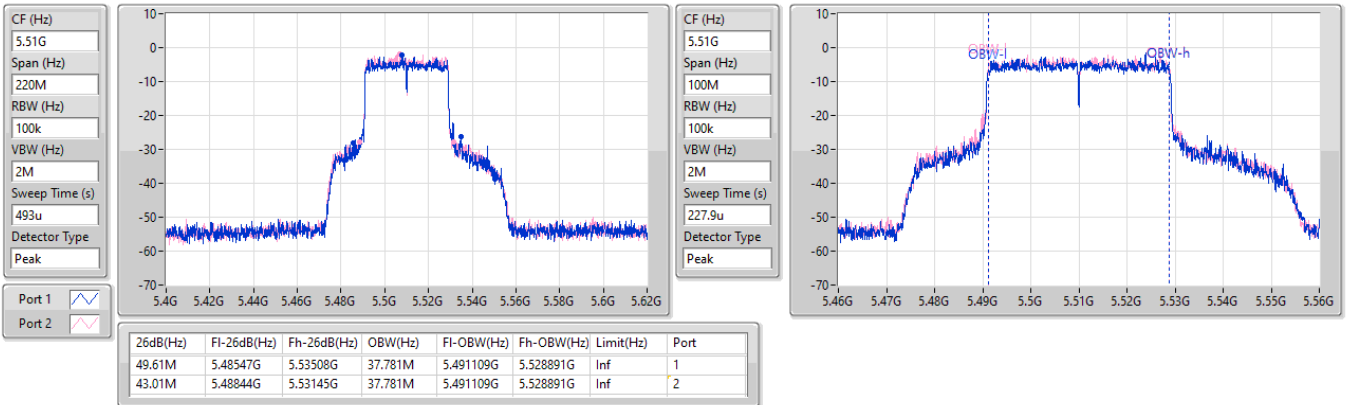


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

20/05/2025

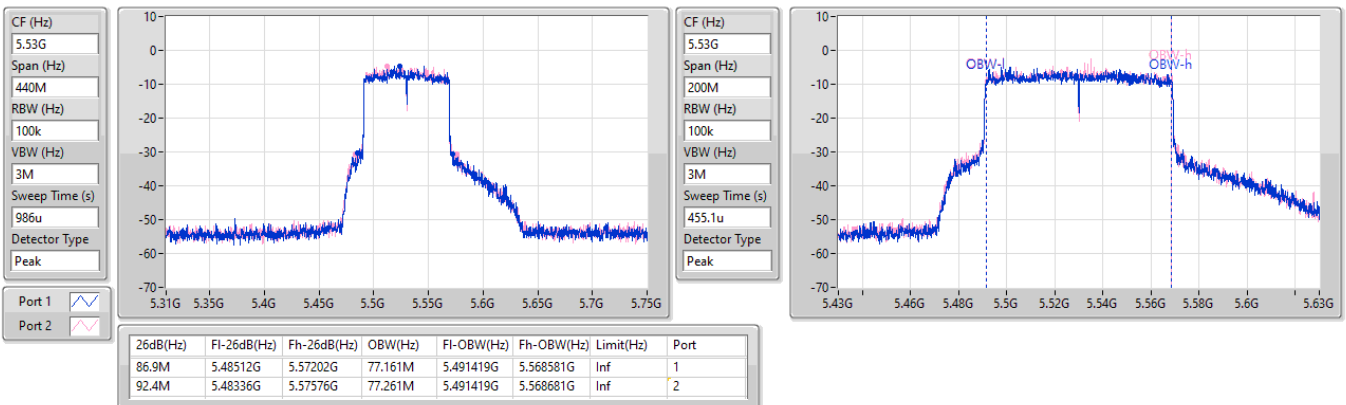


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

20/05/2025

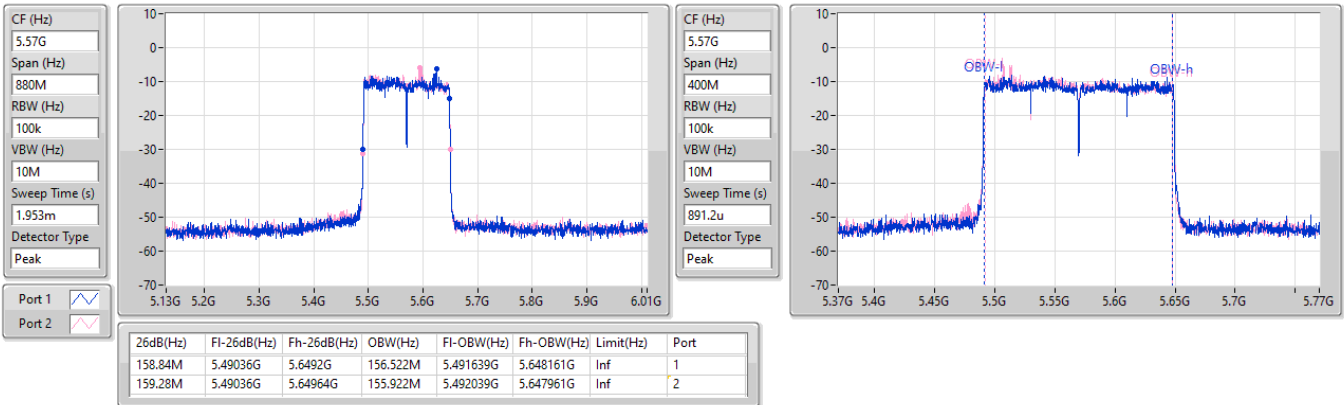


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

20/05/2025

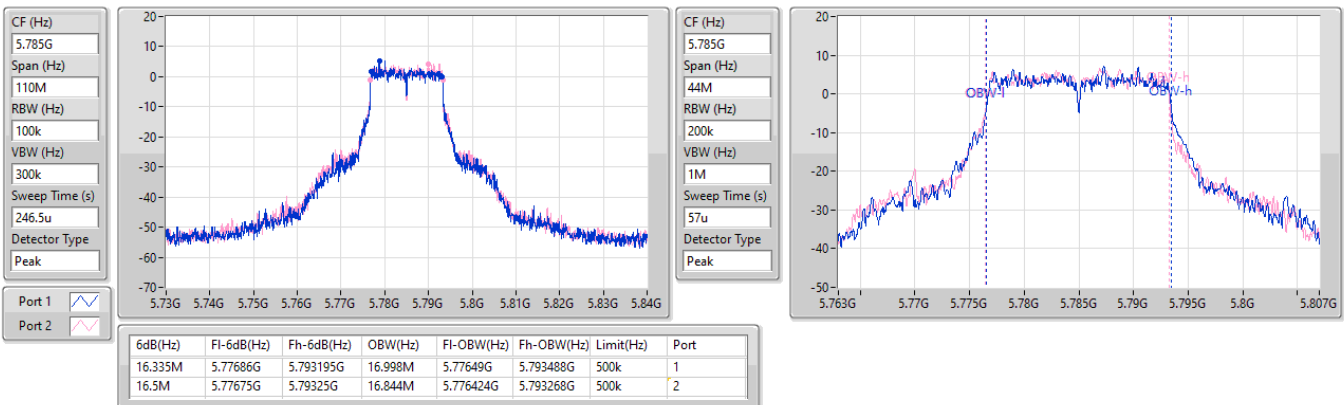


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

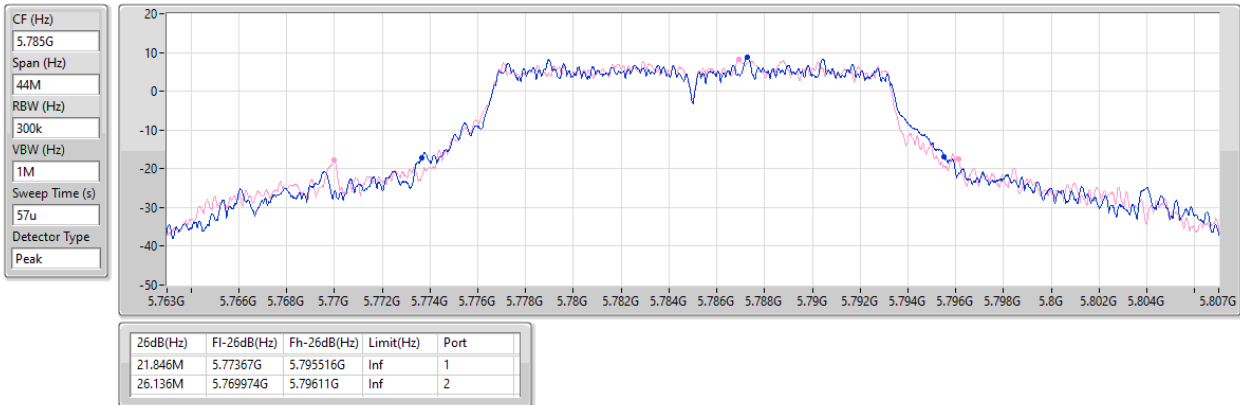


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

20/05/2025

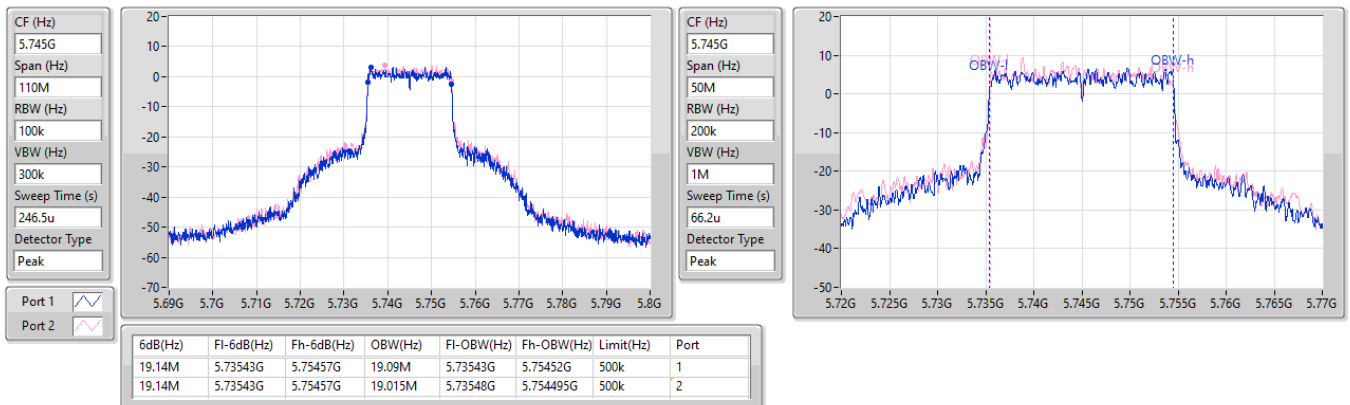


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

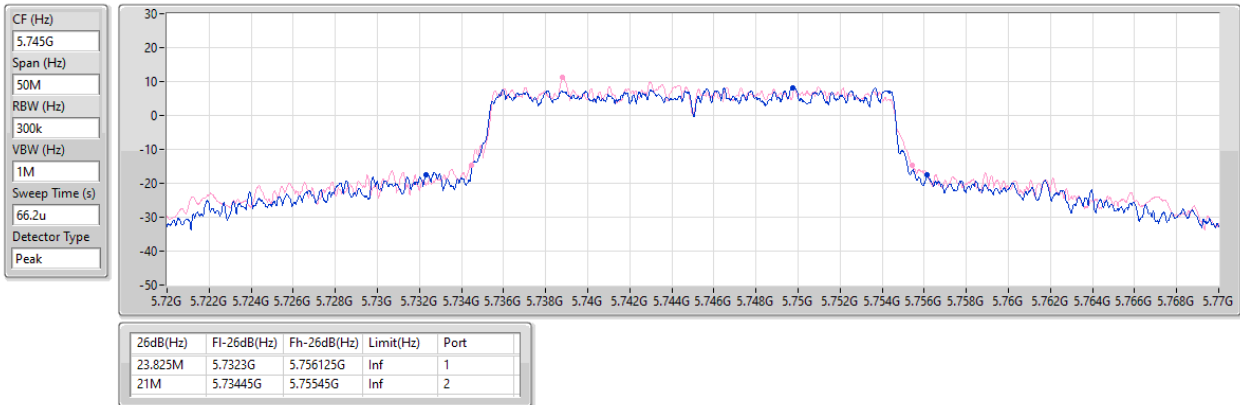


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

20/05/2025

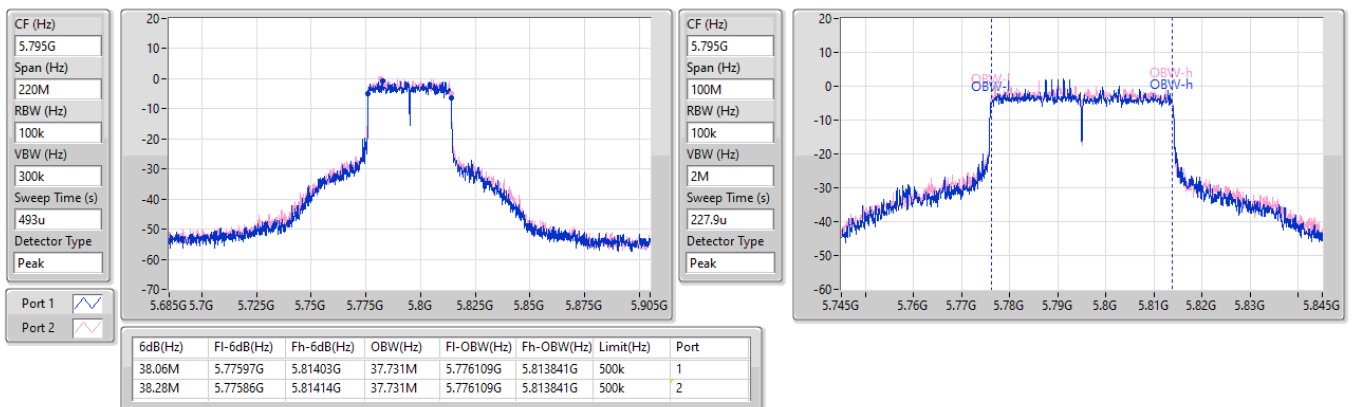


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

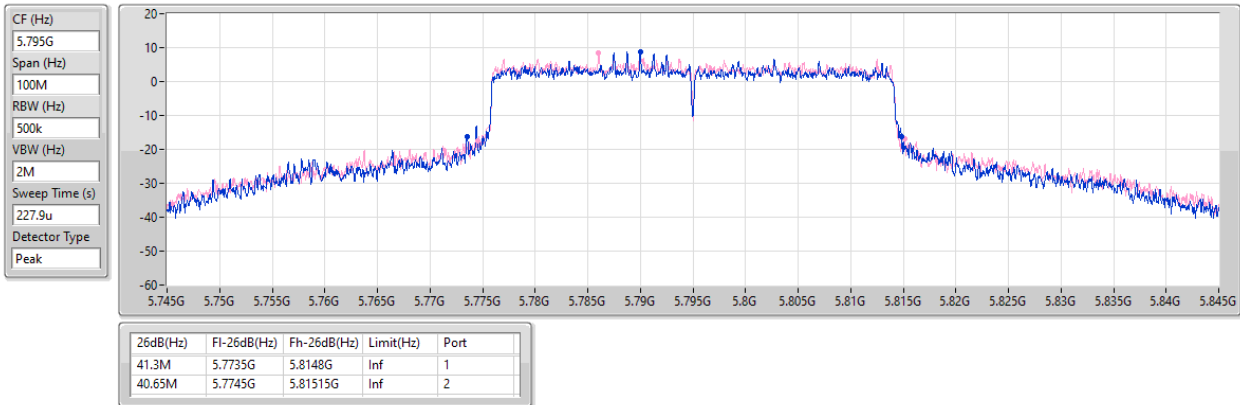


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

20/05/2025

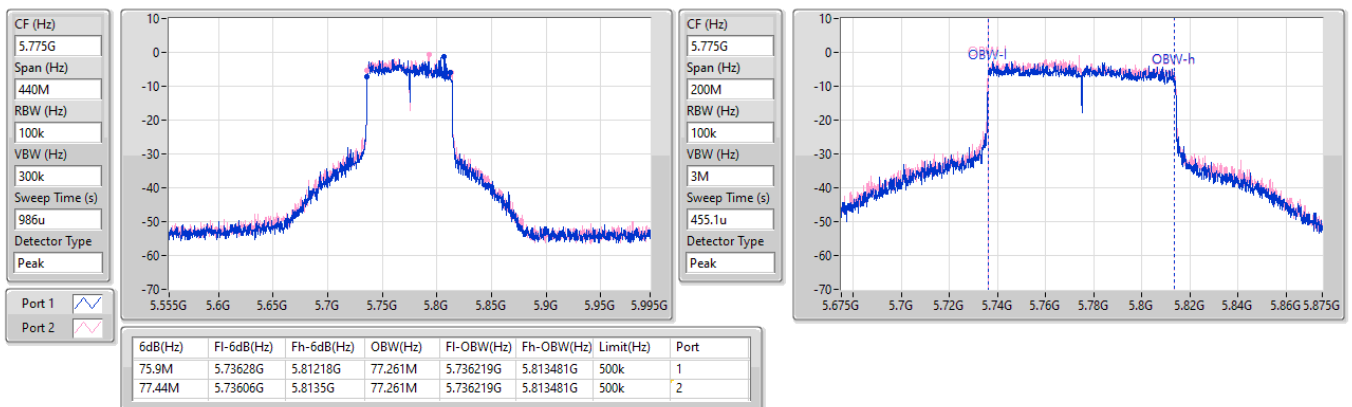


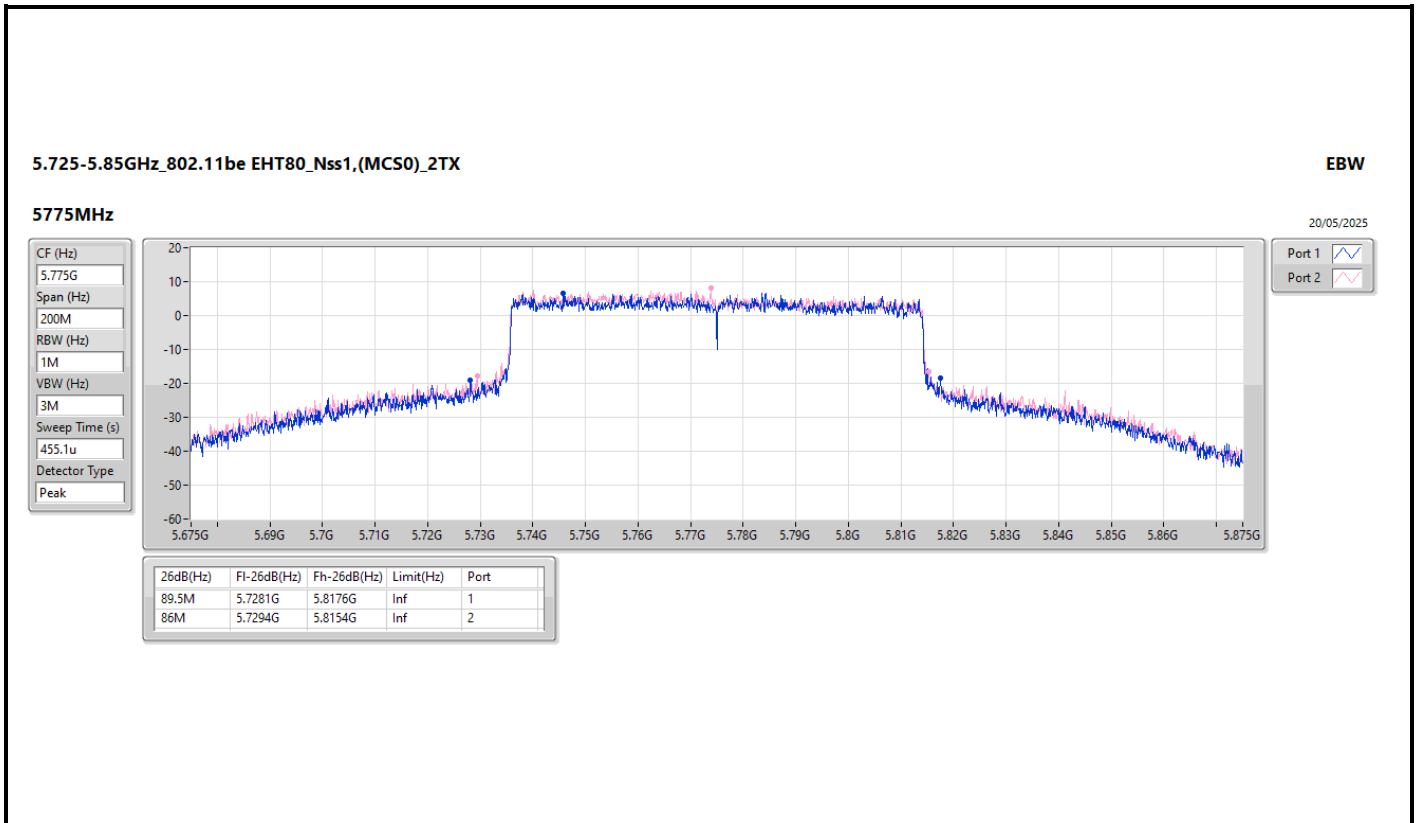
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

20/05/2025







EBW_Non-Beamforming_ Radio 2_2T2S_Patch_Outdoor_30 Degree Gain

Appendix B.32

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.75M	19.115M	19M1D1D	21.285M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	55.33M	37.881M	37M9D1D	40.15M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	86.9M	77.361M	77M4D1D	84.26M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	79.68M	77.321M	77M3D1D	79.36M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.86M	19.24M	19M2D1D	21.725M	19.065M
802.11be EHT40_Nss2,(MCS0)_2TX	55.11M	37.781M	37M8D1D	39.71M	37.631M
802.11be EHT80_Nss2,(MCS0)_2TX	87.56M	77.361M	77M4D1D	85.8M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	80M	77.241M	77M2D1D	79.68M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.585M	19.165M	19M2D1D	16.23M	14.483M
802.11be EHT40_Nss2,(MCS0)_2TX	52.58M	37.881M	37M9D1D	34.93M	33.723M
802.11be EHT80_Nss2,(MCS0)_2TX	87.78M	77.361M	77M4D1D	74.85M	73.013M
802.11be EHT160_Nss2,(MCS0)_2TX	159.28M	156.122M	156MD1D	159.28M	155.722M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.195M	19.29M	19M3D1D	4.52M	5.437M
802.11be EHT40_Nss2,(MCS0)_2TX	37.73M	37.831M	37M8D1D	4M	10.535M
802.11be EHT80_Nss2,(MCS0)_2TX	77.22M	77.361M	77M4D1D	3.46M	16.772M

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_Non-Beamforming_
Radio 2_2T2S_Patch_Outdoor_30 Degree Gain**

Appendix B.32

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.56M	19.065M	24.75M	19.04M
5200MHz	Pass	Inf	21.67M	19.115M	21.89M	19.09M
5240MHz	Pass	Inf	21.285M	18.991M	22.22M	19.065M
5260MHz	Pass	Inf	21.725M	19.065M	24.475M	19.09M
5300MHz	Pass	Inf	23.265M	19.115M	24.585M	19.24M
5320MHz	Pass	Inf	23.705M	19.09M	24.86M	19.09M
5500MHz	Pass	Inf	22.715M	19.09M	22.99M	19.14M
5580MHz	Pass	Inf	21.78M	19.015M	24.585M	19.165M
5700MHz	Pass	Inf	21.01M	19.14M	20.79M	19.09M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.23M	14.483M	17.325M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.437M	4.64M	6.337M
5745MHz	Pass	500k	19.085M	19.14M	19.03M	19.215M
5785MHz	Pass	500k	19.085M	19.04M	19.085M	19.115M
5825MHz	Pass	500k	19.03M	19.015M	19.195M	19.29M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.78M	37.781M	44.33M	37.881M
5230MHz	Pass	Inf	40.15M	37.781M	55.33M	37.781M
5270MHz	Pass	Inf	41.58M	37.781M	39.71M	37.631M
5310MHz	Pass	Inf	50.71M	37.781M	55.11M	37.781M
5510MHz	Pass	Inf	52.14M	37.731M	47.19M	37.831M
5550MHz	Pass	Inf	42.57M	37.681M	45.54M	37.731M
5670MHz	Pass	Inf	52.58M	37.881M	51.59M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.07M	33.723M	34.93M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	11.014M	4M	10.535M
5755MHz	Pass	500k	37.73M	37.731M	37.73M	37.831M
5795MHz	Pass	500k	37.62M	37.731M	37.73M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	86.9M	77.361M	84.26M	77.261M
5290MHz	Pass	Inf	87.56M	77.261M	85.8M	77.361M
5530MHz	Pass	Inf	79.42M	77.361M	87.78M	77.261M
5610MHz	Pass	Inf	79.2M	77.261M	81.4M	77.261M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.85M	73.013M	74.85M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	16.772M	3.46M	18.471M
5775MHz	Pass	500k	77.22M	77.361M	70.18M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.36M	77.161M	79.68M	77.321M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80M	77.241M	79.68M	77.241M
5570MHz	Pass	Inf	159.28M	155.722M	159.28M	156.122M

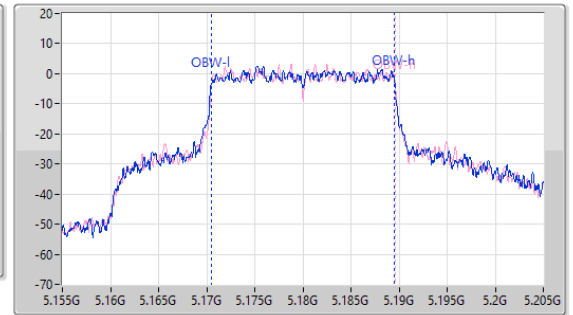
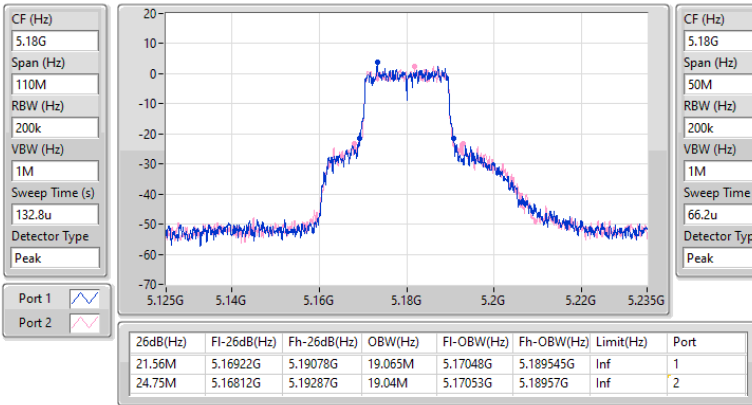
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5180MHz

23/05/2025

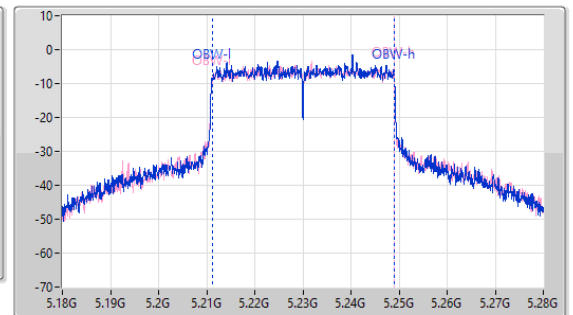
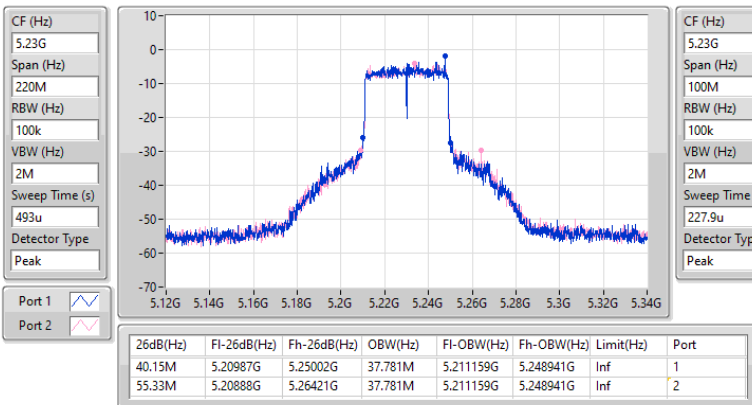


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5230MHz

23/05/2025

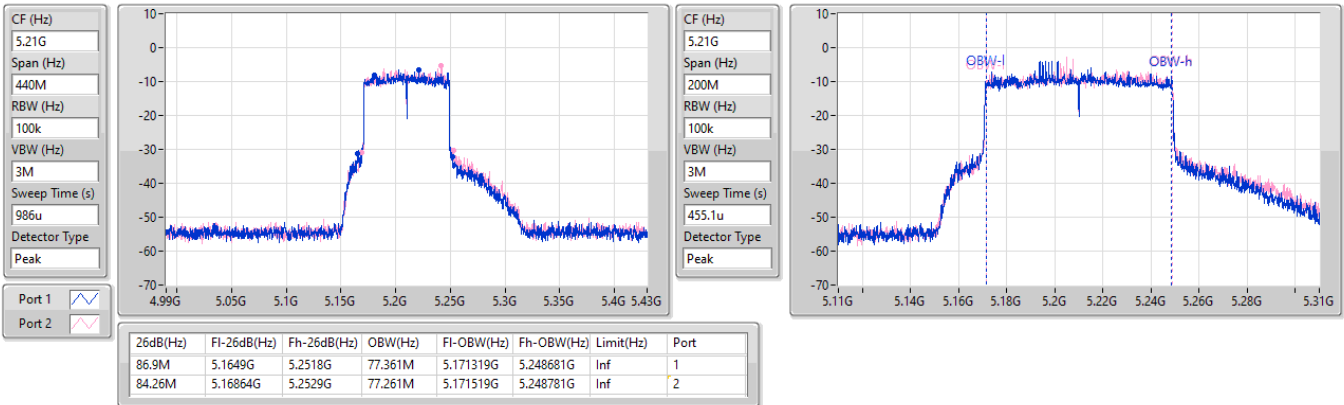


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

23/05/2025

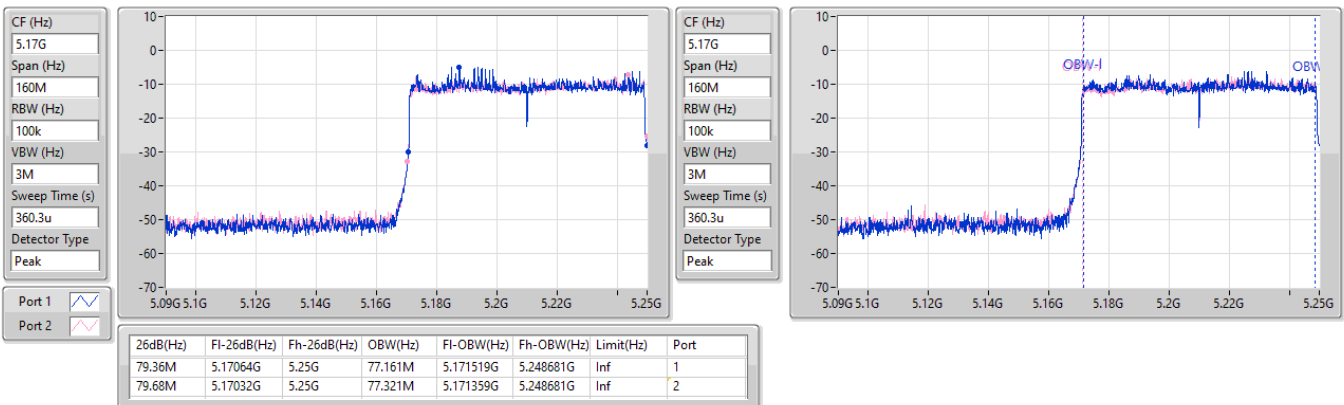


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

23/05/2025

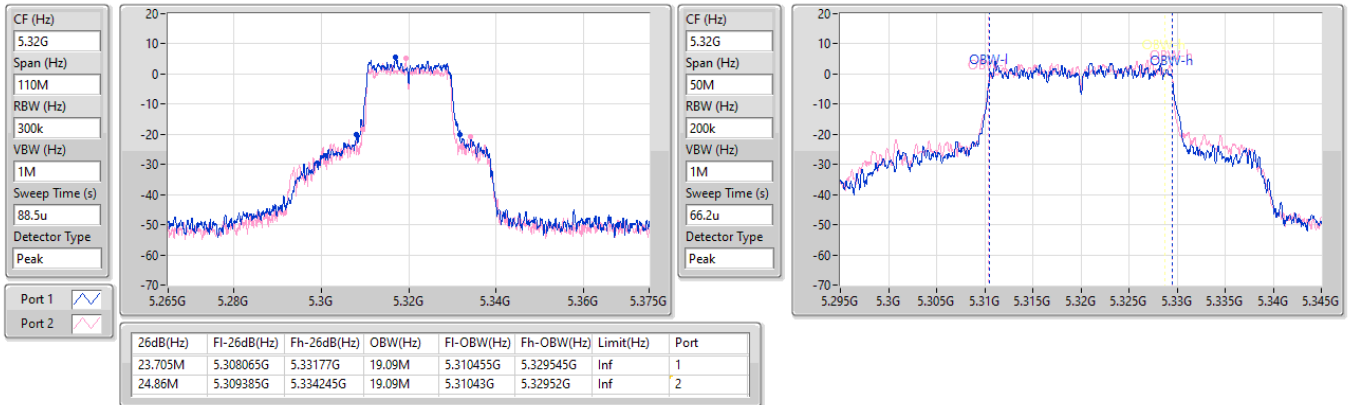


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

20/05/2025

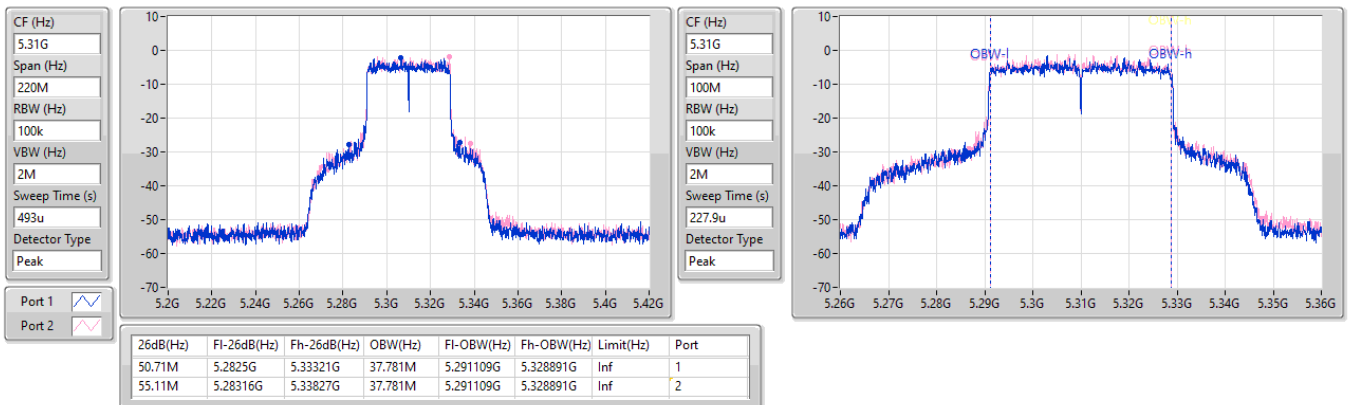


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

20/05/2025

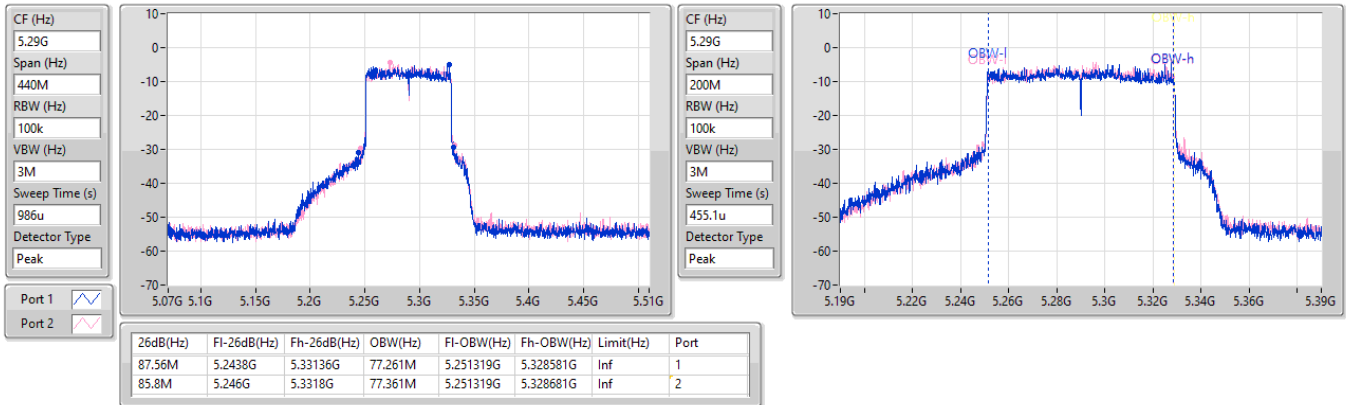


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

20/05/2025

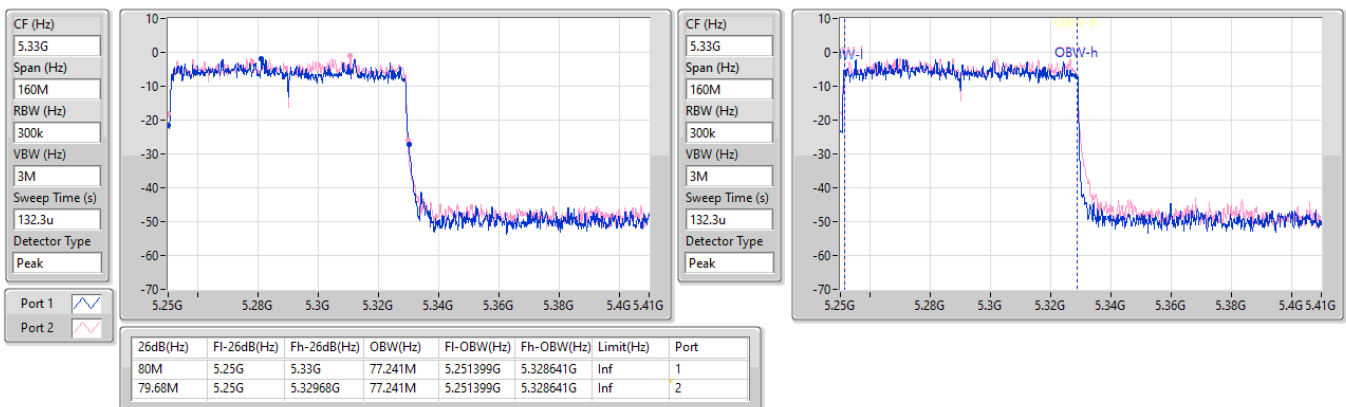


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

23/05/2025

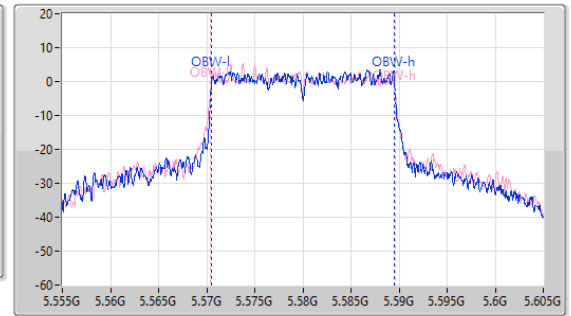
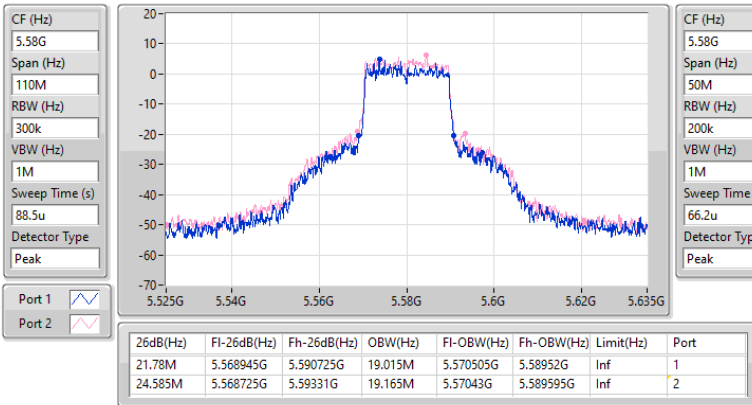


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

20/05/2025

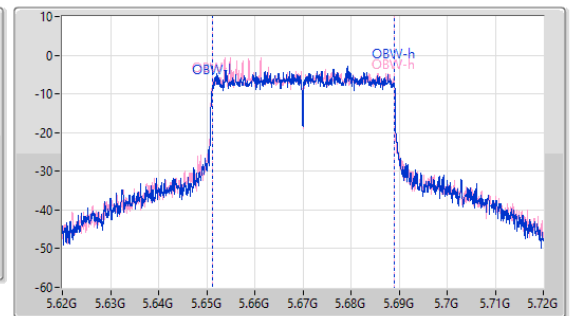
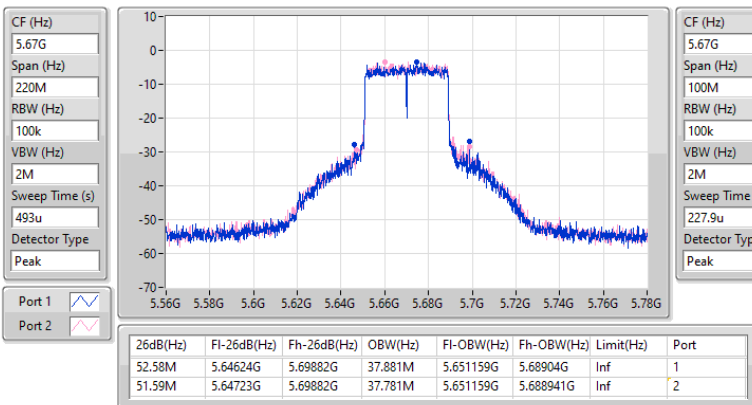


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5670MHz

20/05/2025

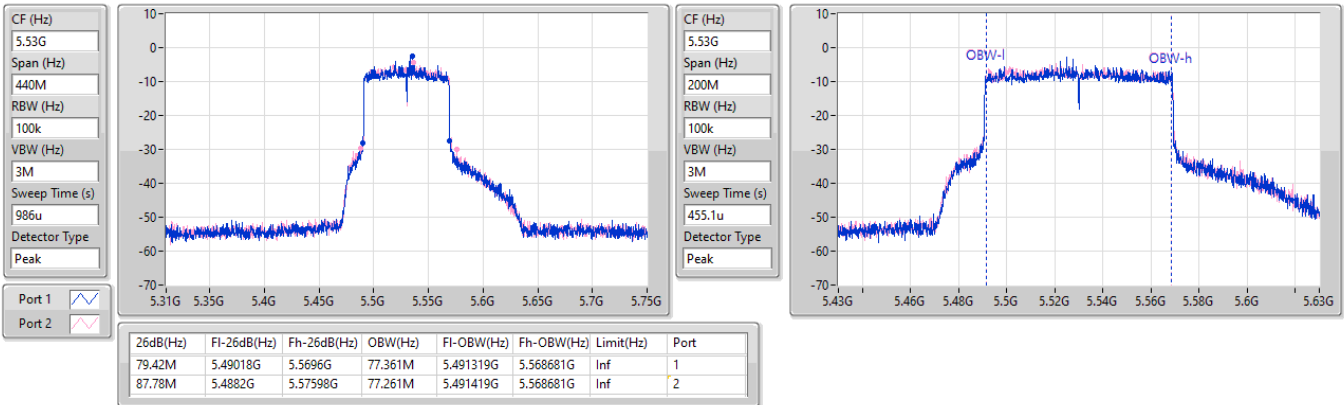


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

20/05/2025

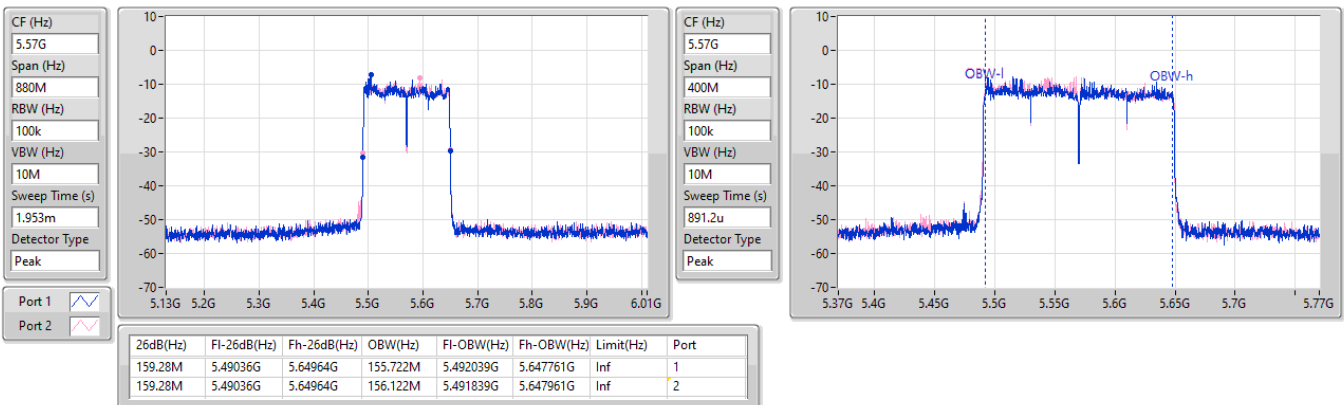


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

20/05/2025

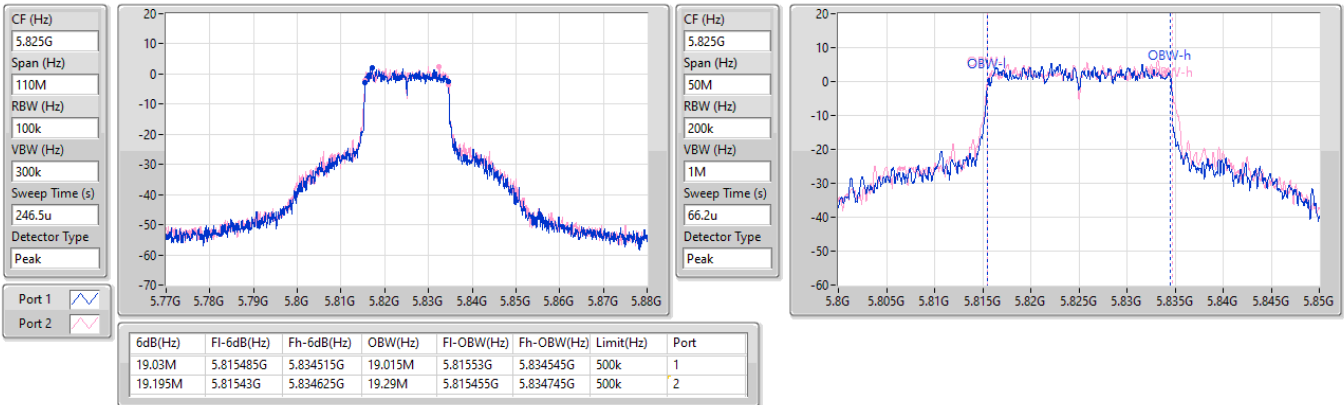


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

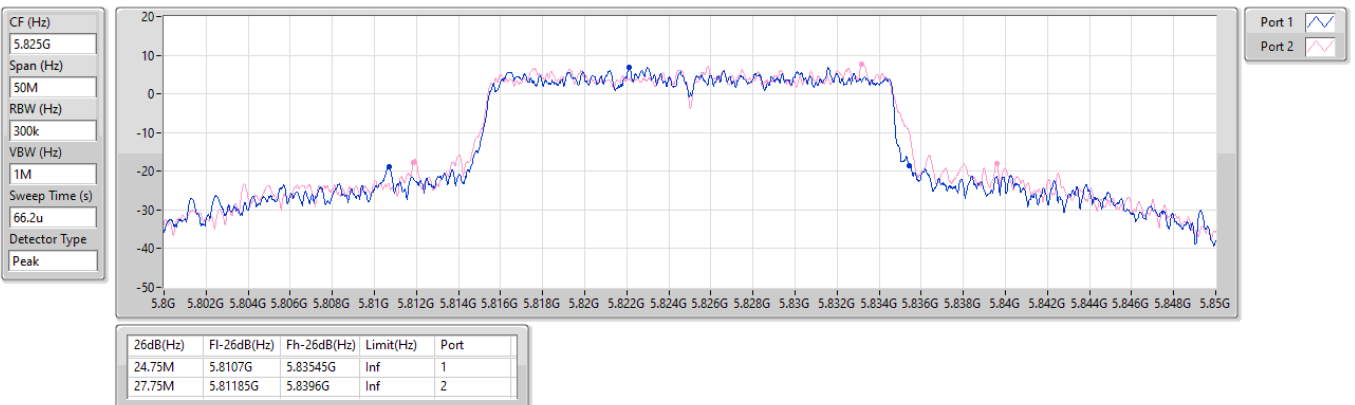


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5825MHz

20/05/2025

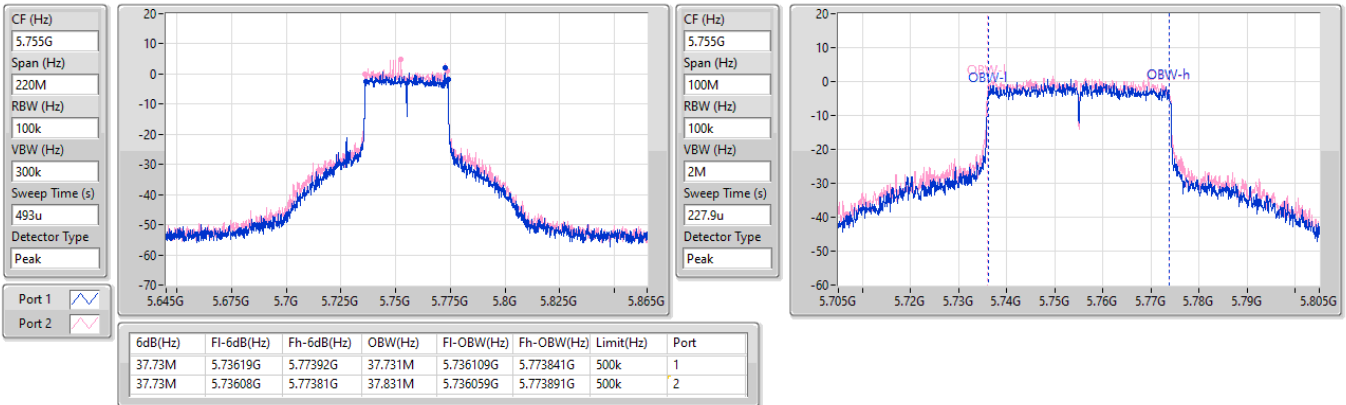


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

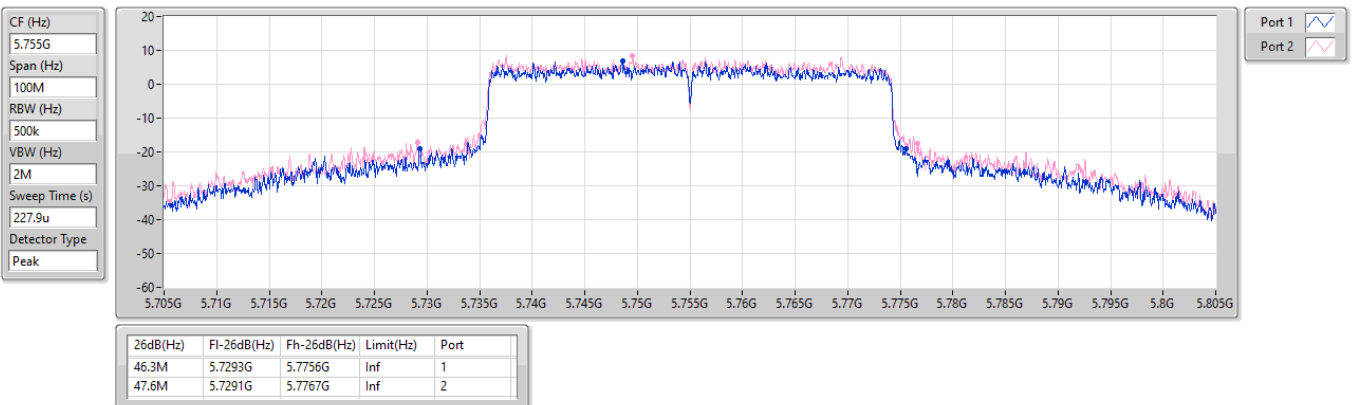


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5755MHz

20/05/2025

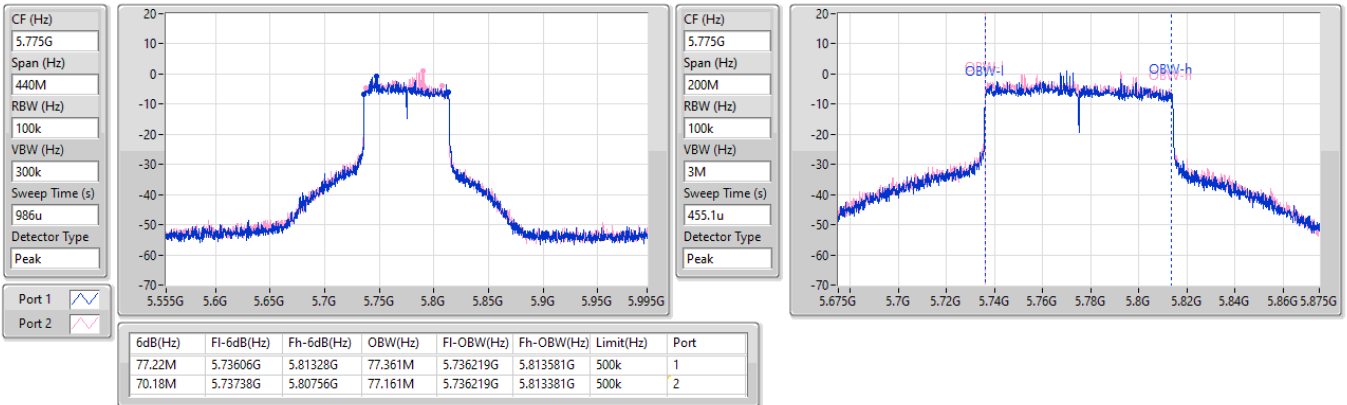


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025

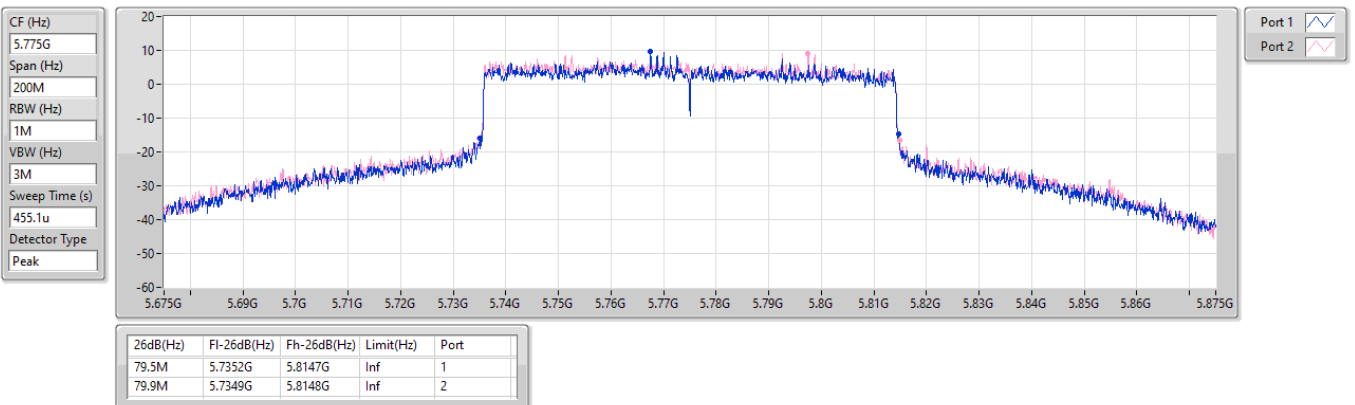


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

20/05/2025





EBW_Non-Beamforming_ Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain

Appendix B.33

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	22.66M	17.503M	17M5D1D	22M	16.888M
802.11be EHT20_Nss1,(MCS0)_1TX	22.44M	19.14M	19M1D1D	21.505M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	47.63M	37.731M	37M7D1D	41.69M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	95.92M	77.261M	77M3D1D	95.92M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.77M	16.954M	17M0D1D	21.23M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	24.585M	19.19M	19M2D1D	21.12M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	43.12M	37.731M	37M7D1D	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	82.5M	76.962M	77M0D1D	82.5M	76.962M

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_Non-Beamforming_
Radio 3_1T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.33

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.66M	17.239M
5200MHz	Pass	Inf	22M	16.888M
5240MHz	Pass	Inf	22M	17.503M
5260MHz	Pass	Inf	21.45M	16.954M
5300MHz	Pass	Inf	21.23M	16.734M
5320MHz	Pass	Inf	22.77M	16.888M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.505M	19.04M
5200MHz	Pass	Inf	22.44M	19.09M
5240MHz	Pass	Inf	21.615M	19.14M
5260MHz	Pass	Inf	21.12M	19.04M
5300MHz	Pass	Inf	23.045M	19.09M
5320MHz	Pass	Inf	24.585M	19.19M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	47.63M	37.731M
5230MHz	Pass	Inf	41.69M	37.731M
5270MHz	Pass	Inf	43.12M	37.731M
5310MHz	Pass	Inf	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	95.92M	77.261M
5290MHz	Pass	Inf	82.5M	76.962M

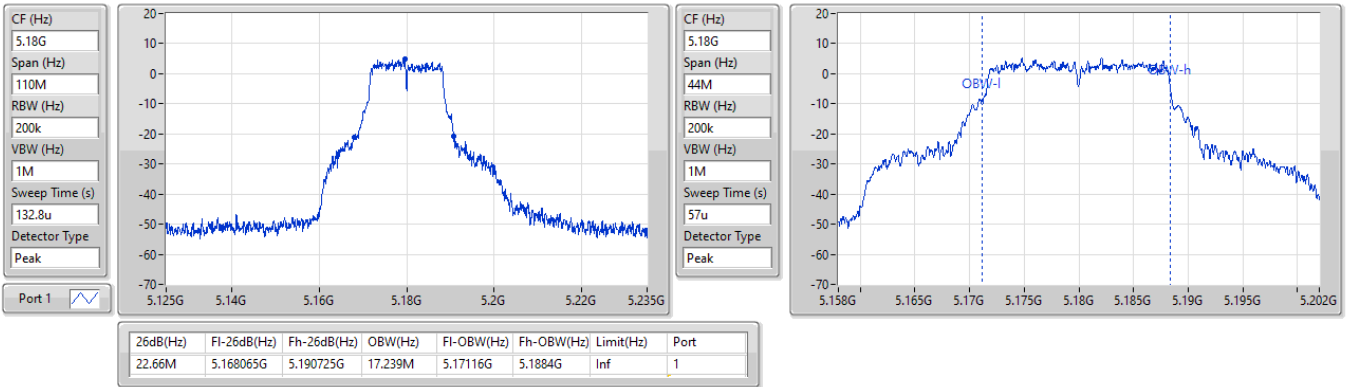
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

24/05/2025

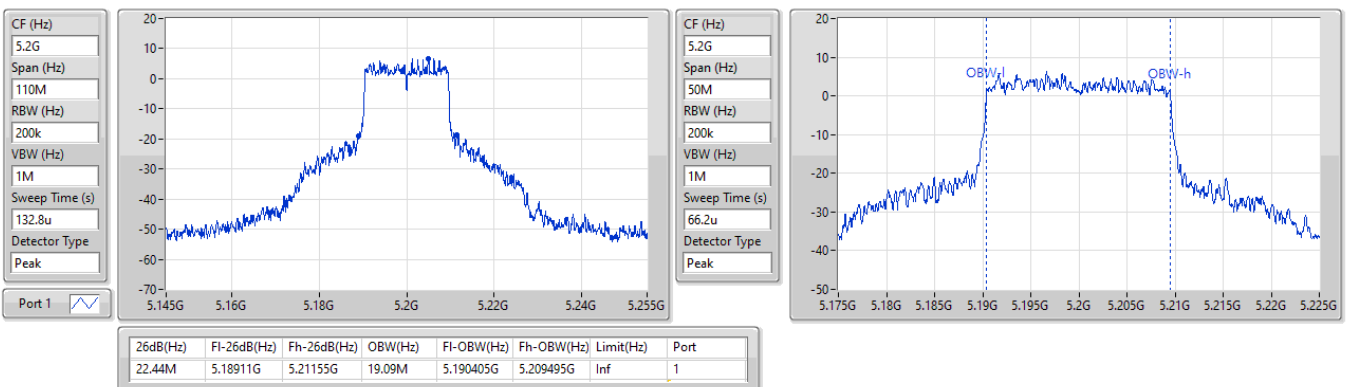


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

24/05/2025

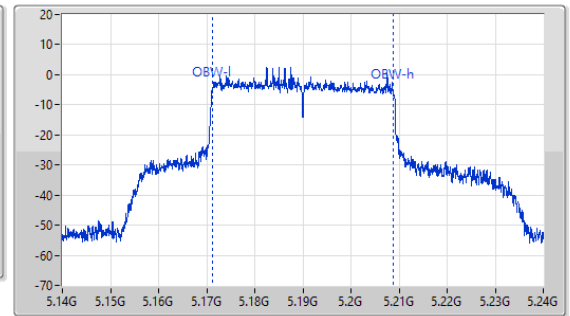
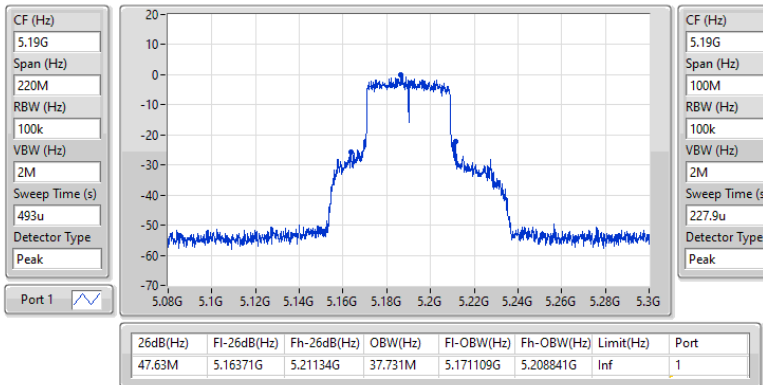


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

24/05/2025

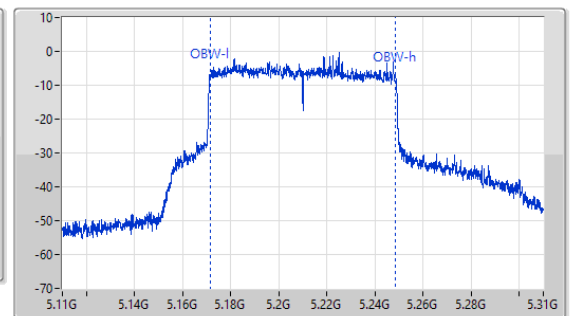
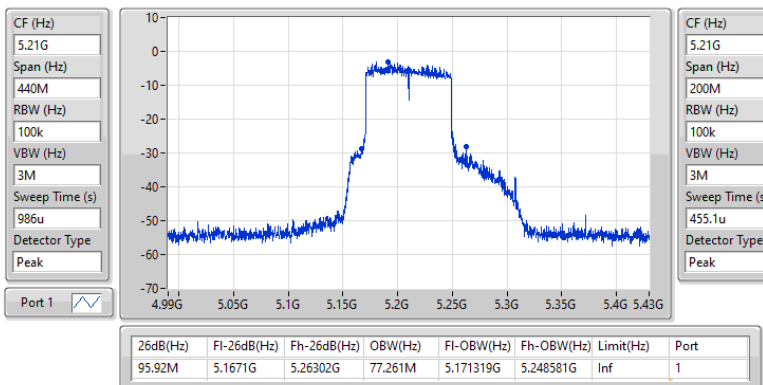


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

24/05/2025

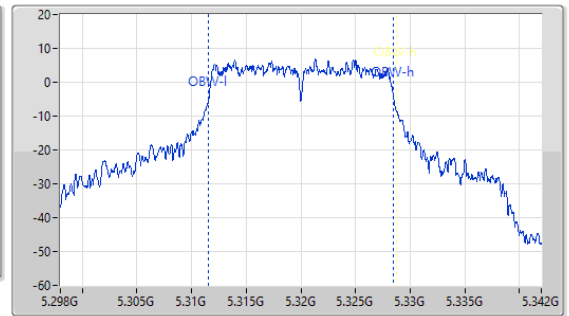
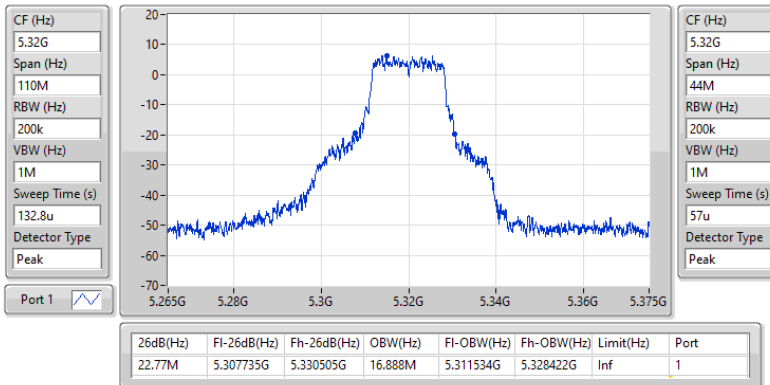


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

23/05/2025

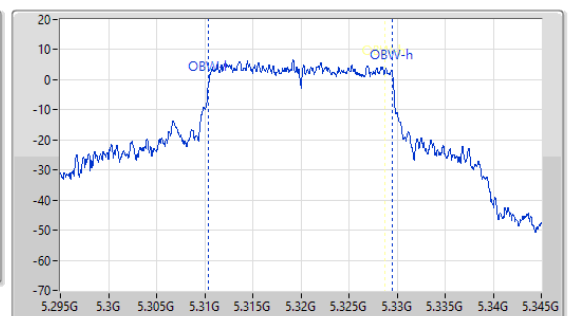
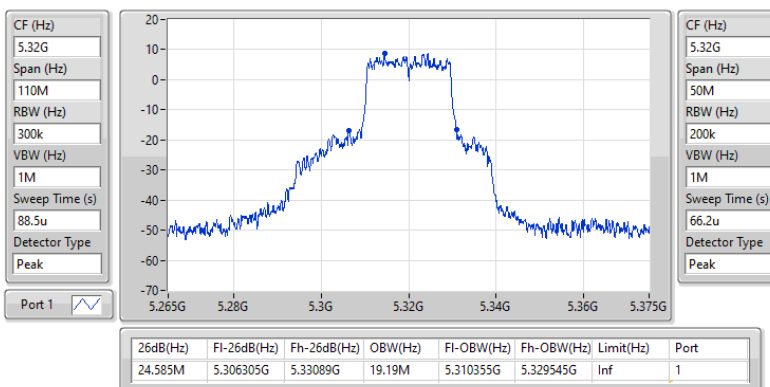


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

23/05/2025

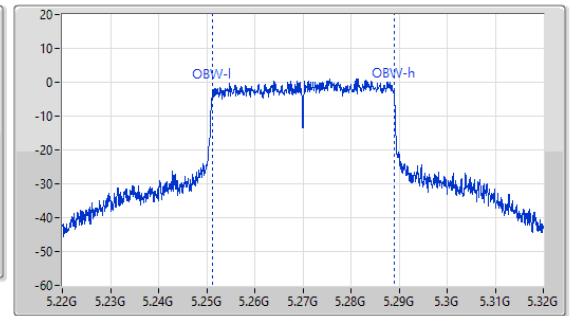
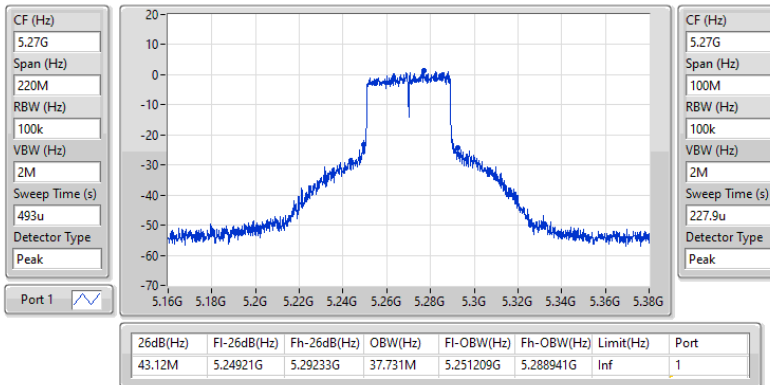


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

23/05/2025

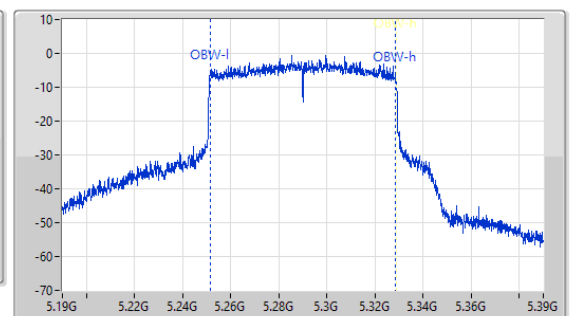
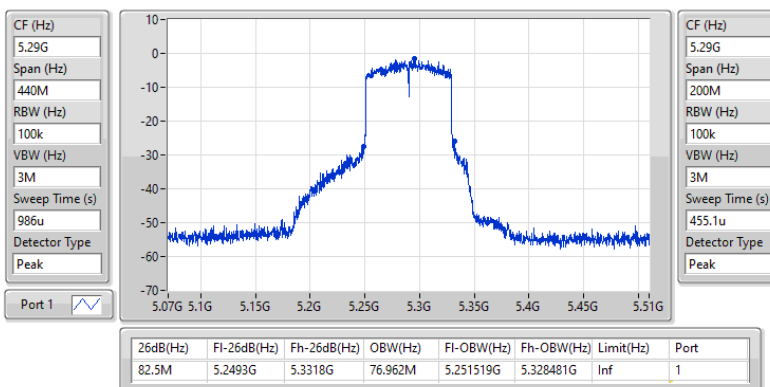


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

23/05/2025





EBW_Non-Beamforming_ Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain

Appendix B.34

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	23.595M	17.019M	17M0D1D	20.735M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	24.64M	19.19M	19M2D1D	21.835M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	55.88M	37.831M	37M8D1D	42.46M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	84.48M	77.261M	77M3D1D	80.3M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.09M	16.998M	17M0D1D	21.065M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX	27.06M	19.215M	19M2D1D	21.285M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	43.89M	37.781M	37M8D1D	40.48M	37.581M
802.11be EHT80_Nss1,(MCS0)_2TX	82.5M	77.061M	77M1D1D	82.28M	76.862M

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_Non-Beamforming_
Radio 3_2T1S_Dipole_Outdoor_30 Degree Gain**

Appendix B.34

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	20.735M	16.844M	23.595M	16.888M
5200MHz	Pass	Inf	20.79M	16.756M	21.78M	17.019M
5240MHz	Pass	Inf	21.01M	16.976M	21.505M	16.646M
5260MHz	Pass	Inf	21.23M	16.668M	21.67M	16.624M
5300MHz	Pass	Inf	21.45M	16.954M	21.065M	16.888M
5320MHz	Pass	Inf	24.09M	16.69M	21.45M	16.998M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.365M	19.015M	24.64M	19.14M
5200MHz	Pass	Inf	24.255M	19.19M	23.155M	19.065M
5240MHz	Pass	Inf	22.165M	19.09M	21.835M	19.115M
5260MHz	Pass	Inf	26.4M	19.09M	27.06M	19.165M
5300MHz	Pass	Inf	21.78M	19.19M	21.285M	19.04M
5320MHz	Pass	Inf	23.265M	19.215M	23.54M	19.115M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.46M	37.781M	46.75M	37.781M
5230MHz	Pass	Inf	43.78M	37.831M	55.88M	37.831M
5270MHz	Pass	Inf	40.48M	37.781M	42.68M	37.731M
5310MHz	Pass	Inf	43.89M	37.731M	42.13M	37.581M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.48M	77.261M	80.3M	77.261M
5290MHz	Pass	Inf	82.28M	77.061M	82.5M	76.862M

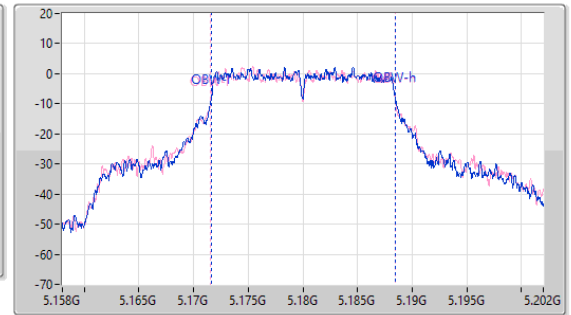
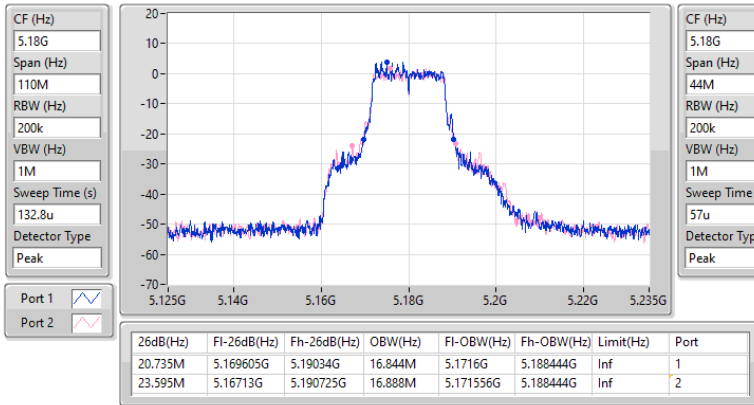
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

24/05/2025

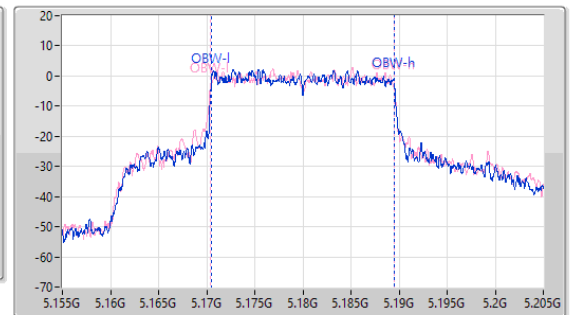
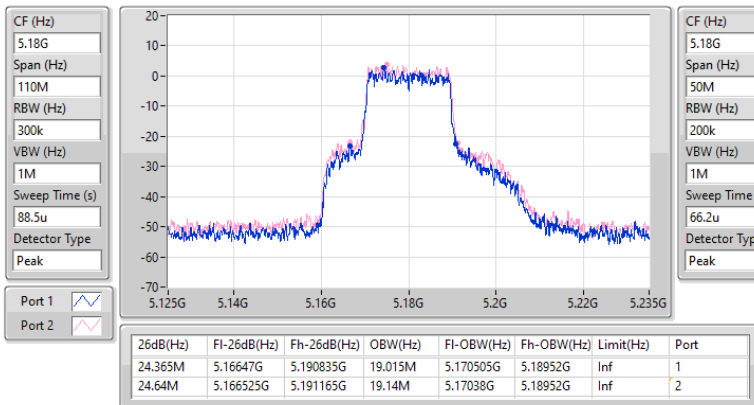


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

24/05/2025

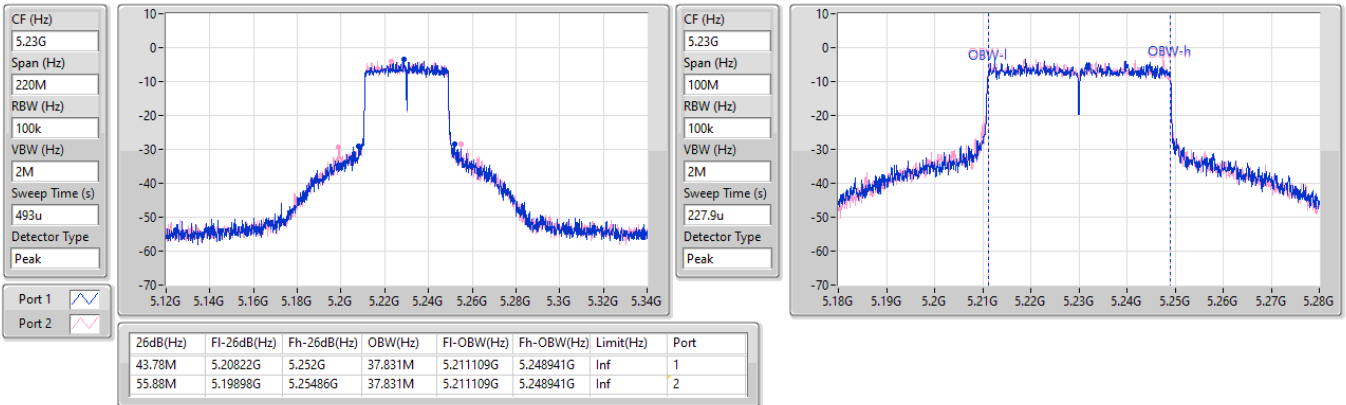


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

24/05/2025

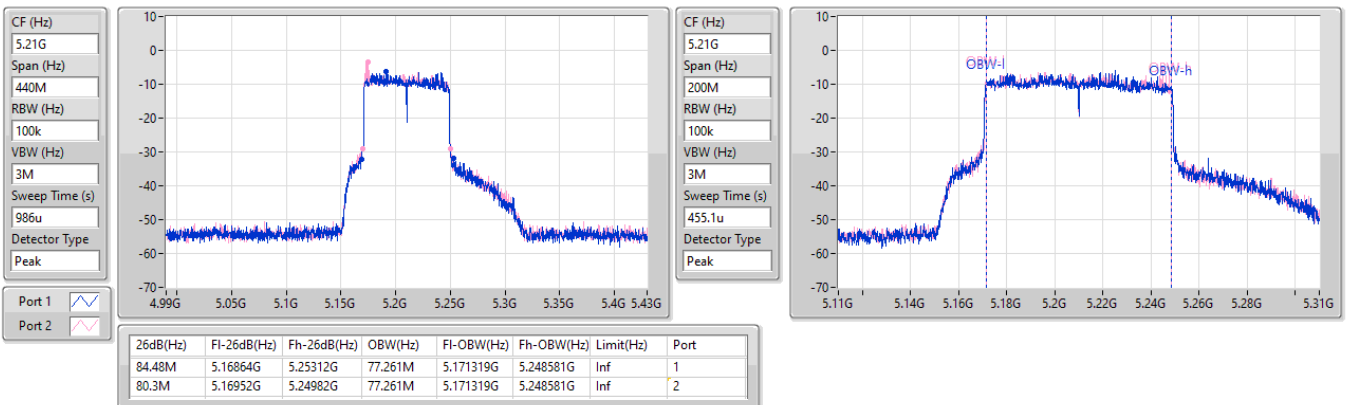


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

24/05/2025

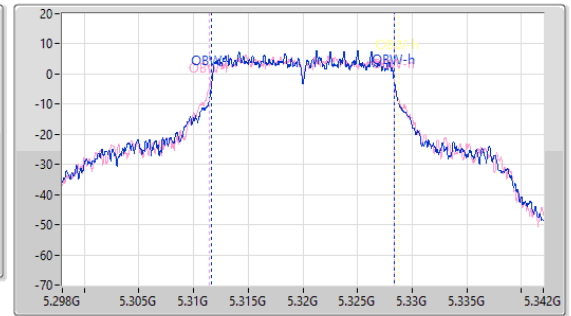
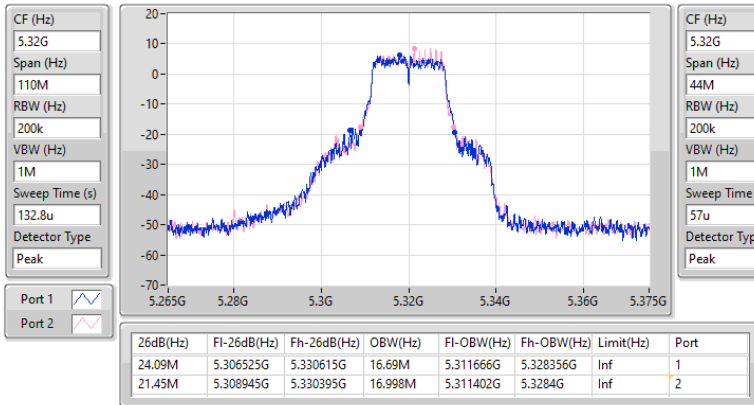


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

23/05/2025

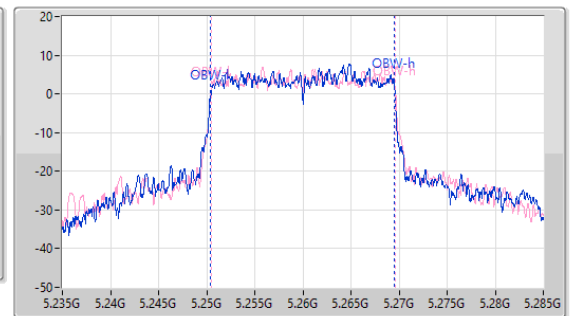
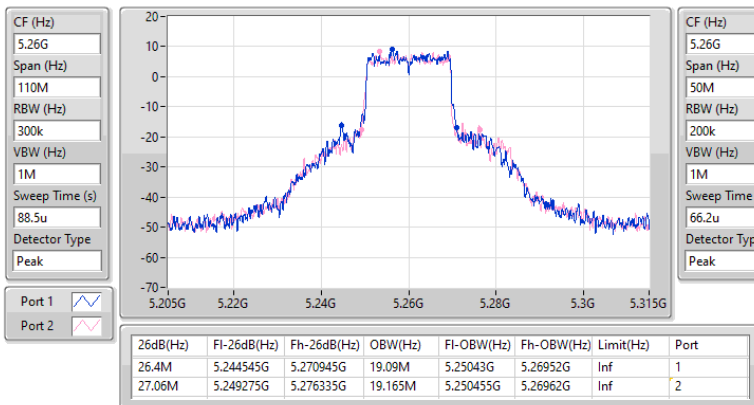


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

23/05/2025

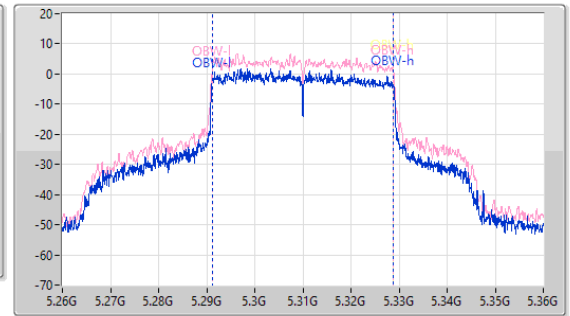
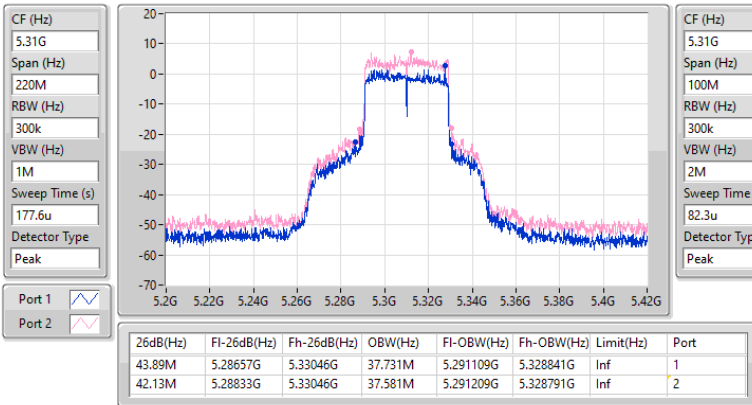


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

23/05/2025

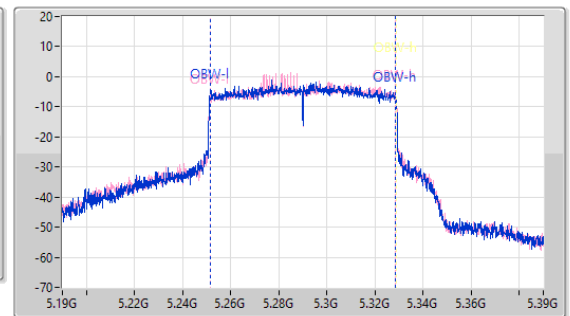
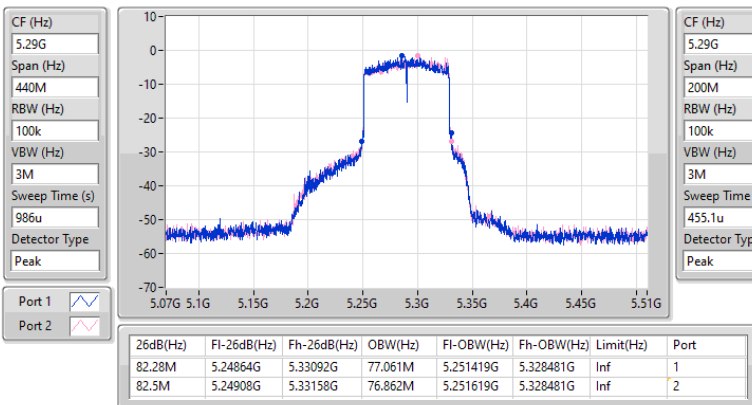


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

23/05/2025





EBW_Non-Beamforming_ Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain

Appendix B.35

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.54M	19.14M	19M1D1D	21.395M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	49.39M	37.831M	37M8D1D	42.9M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	92.18M	77.261M	77M3D1D	81.18M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	28.875M	19.19M	19M2D1D	21.34M	19.015M
802.11be EHT40_Nss2,(MCS0)_2TX	45.65M	37.831M	37M8D1D	40.48M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	80.3M	77.061M	77M1D1D	79.42M	76.862M

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_Non-Beamforming_
Radio 3_2T2S_Dipole_Outdoor_30 Degree Gain**

Appendix B.35

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22M	19.04M	22.88M	19.115M
5200MHz	Pass	Inf	21.945M	19.04M	23.54M	19.14M
5240MHz	Pass	Inf	21.615M	19.015M	21.395M	19.04M
5260MHz	Pass	Inf	25.96M	19.19M	22M	19.09M
5300MHz	Pass	Inf	21.34M	19.015M	24.09M	19.115M
5320MHz	Pass	Inf	27.445M	19.065M	28.875M	19.19M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	49.39M	37.781M	44.11M	37.831M
5230MHz	Pass	Inf	42.9M	37.731M	45.1M	37.831M
5270MHz	Pass	Inf	43.34M	37.831M	45.65M	37.781M
5310MHz	Pass	Inf	43.01M	37.731M	40.48M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.18M	77.261M	92.18M	77.161M
5290MHz	Pass	Inf	80.3M	76.862M	79.42M	77.061M

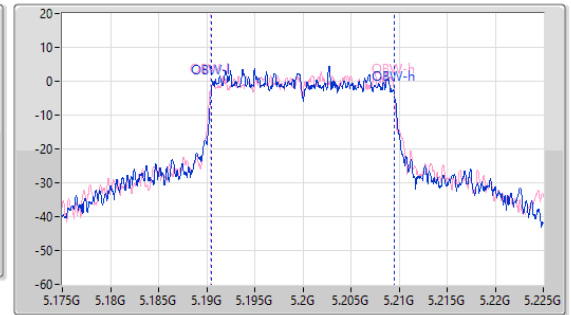
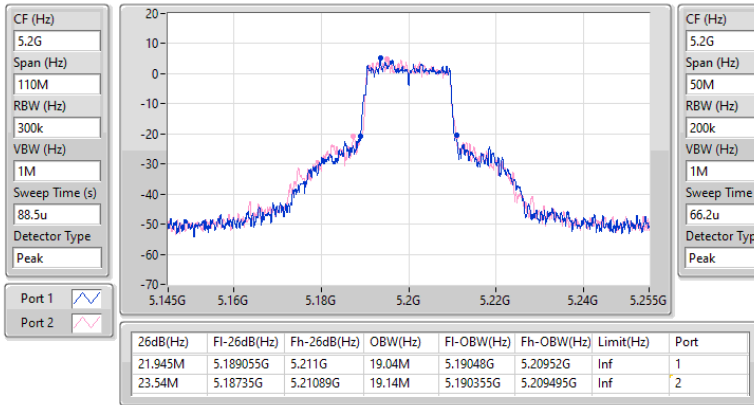
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5200MHz

27/05/2025

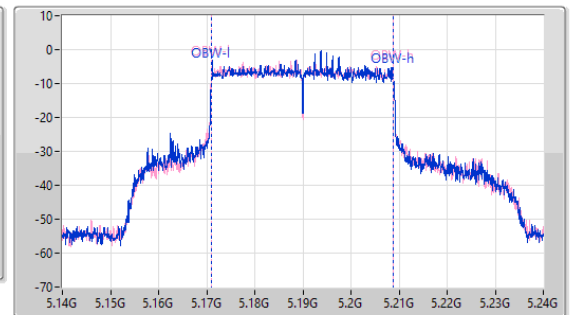
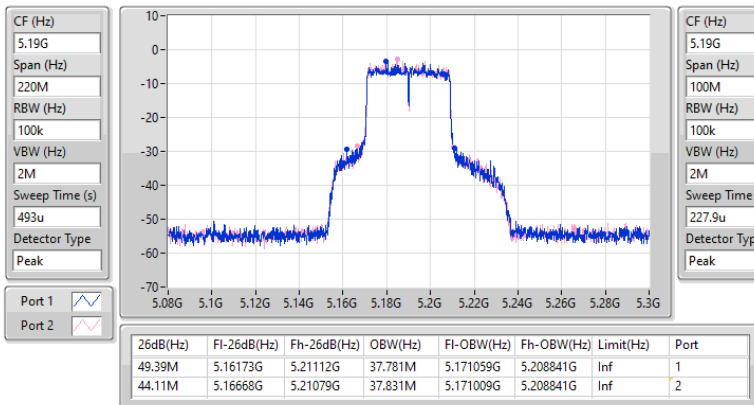


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

27/05/2025

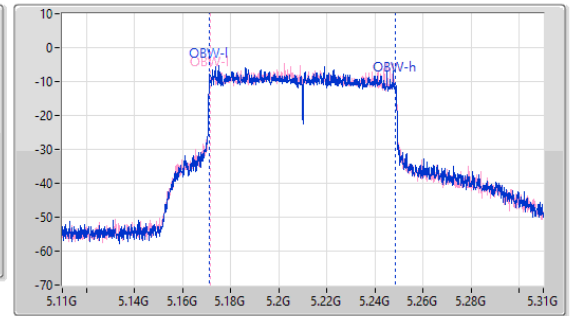
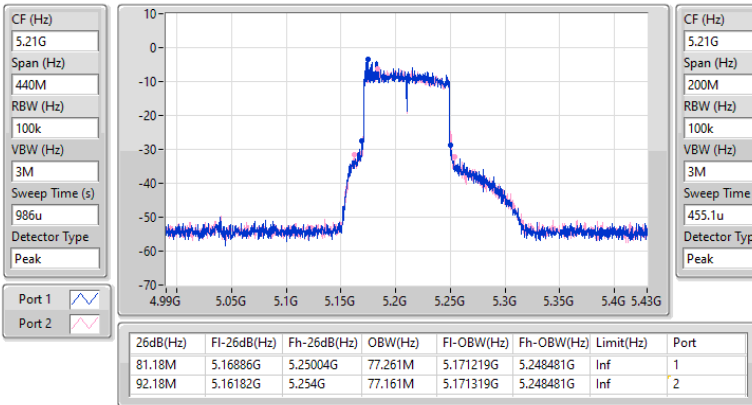


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

27/05/2025

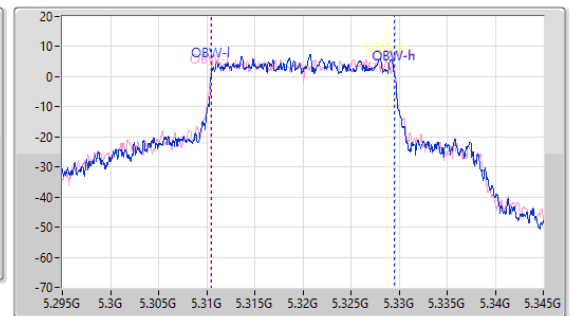
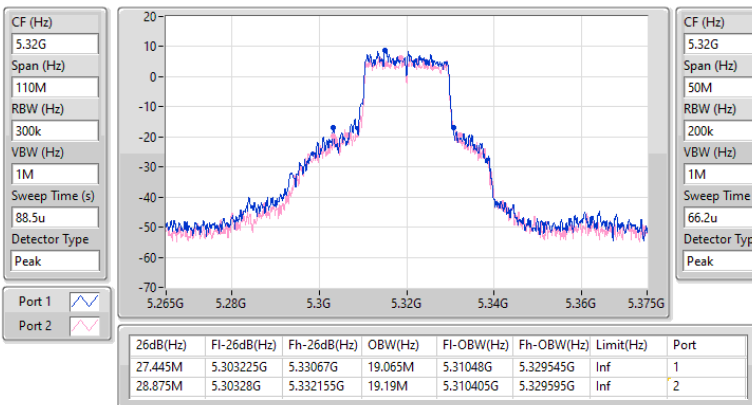


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5320MHz

23/05/2025

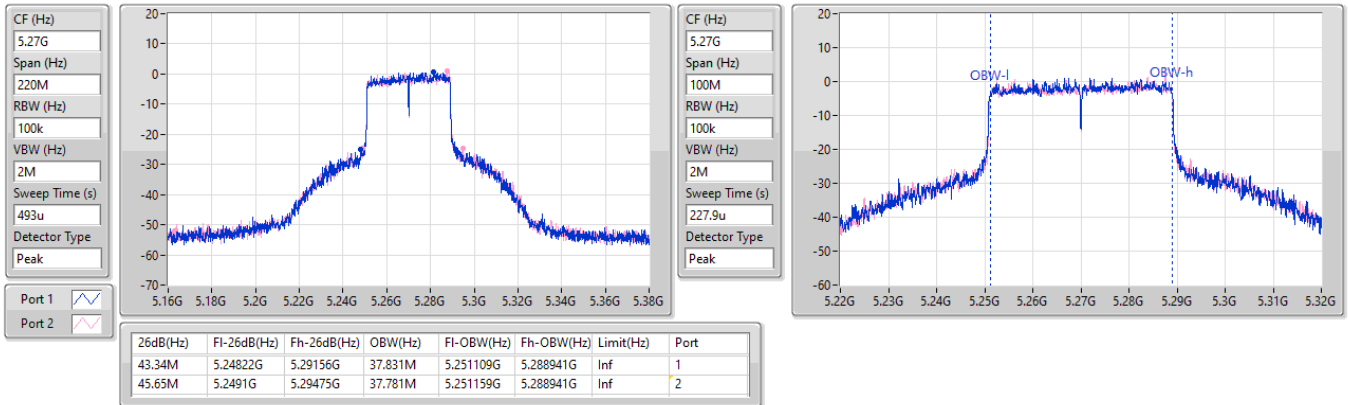


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

23/05/2025

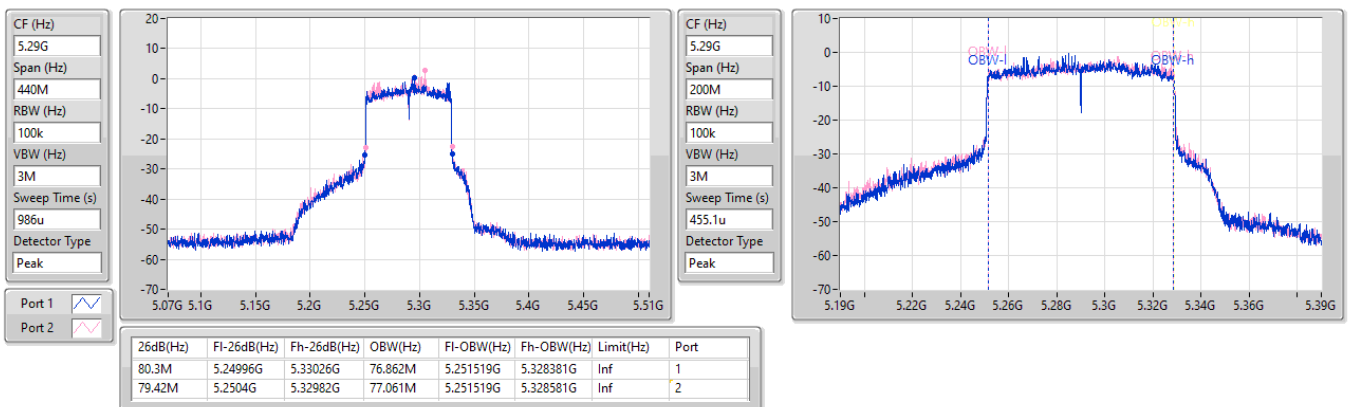


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

23/05/2025





EBW_Non-Beamforming_ Radio 3_1T1S_Patch_Outdoor_30 Degree Gain

Appendix B.36

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	22.605M	16.822M	16M8D1D	21.01M	16.58M
802.11be EHT20_Nss1,(MCS0)_1TX	22.99M	19.115M	19M1D1D	21.56M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX	46.97M	37.881M	37M9D1D	40.15M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	89.54M	77.261M	77M3D1D	89.54M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.77M	16.954M	17M0D1D	21.23M	16.734M
802.11be EHT20_Nss1,(MCS0)_1TX	24.585M	19.19M	19M2D1D	21.12M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	43.12M	37.731M	37M7D1D	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	84.92M	77.061M	77M1D1D	84.92M	77.061M

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_Non-Beamforming_
Radio 3_1T1S_Patch_Outdoor_30 Degree Gain**

Appendix B.36

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.175M	16.822M
5200MHz	Pass	Inf	22.605M	16.58M
5240MHz	Pass	Inf	21.01M	16.712M
5260MHz	Pass	Inf	21.45M	16.954M
5300MHz	Pass	Inf	21.23M	16.734M
5320MHz	Pass	Inf	22.77M	16.888M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.56M	19.115M
5200MHz	Pass	Inf	22.99M	19.04M
5240MHz	Pass	Inf	22.055M	19.015M
5260MHz	Pass	Inf	21.12M	19.04M
5300MHz	Pass	Inf	23.265M	18.991M
5320MHz	Pass	Inf	24.585M	19.19M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	46.97M	37.881M
5230MHz	Pass	Inf	40.15M	37.781M
5270MHz	Pass	Inf	43.12M	37.731M
5310MHz	Pass	Inf	41.8M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	89.54M	77.261M
5290MHz	Pass	Inf	84.92M	77.061M

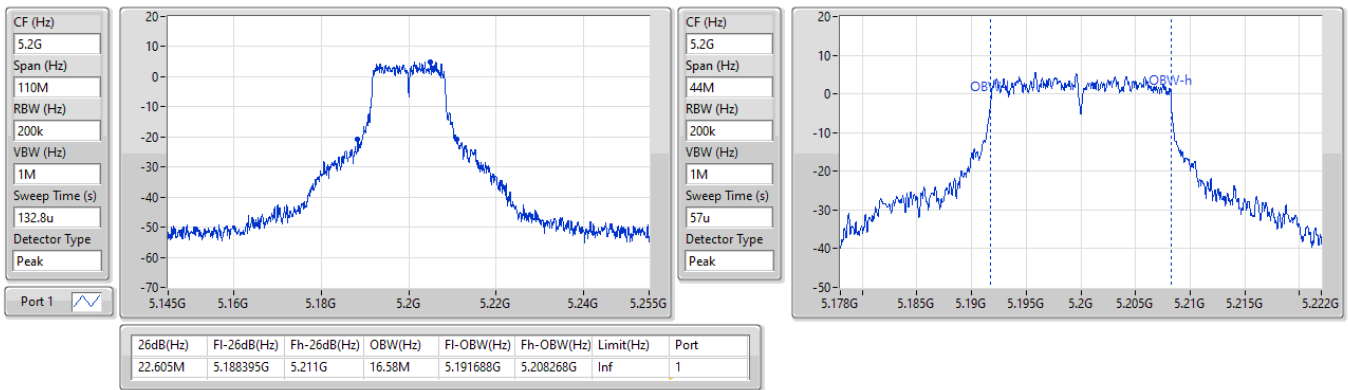
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

27/05/2025

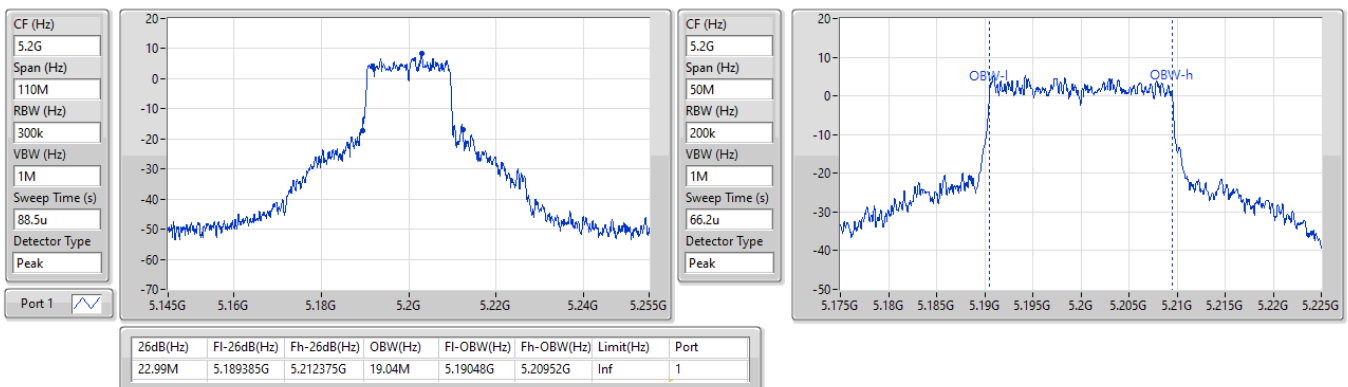


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

27/05/2025

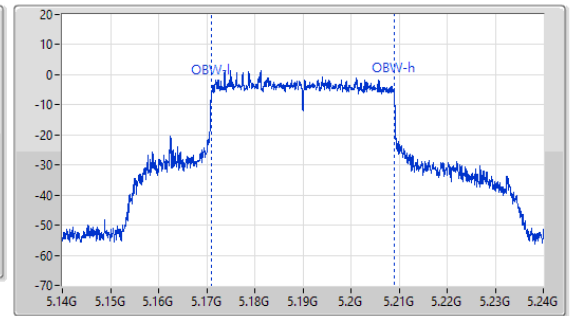
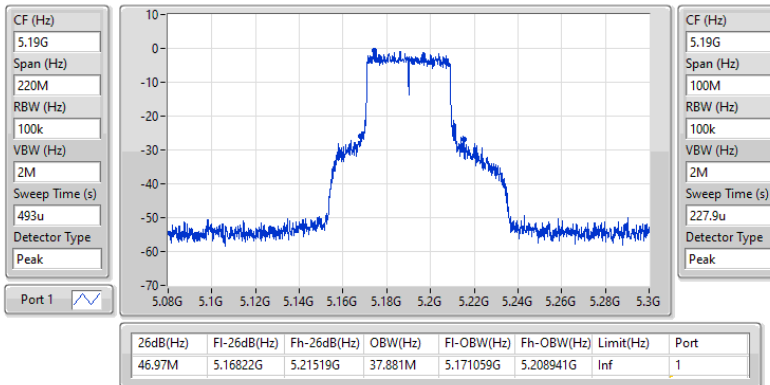


5.15-5.25GHz 802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

27/05/2025

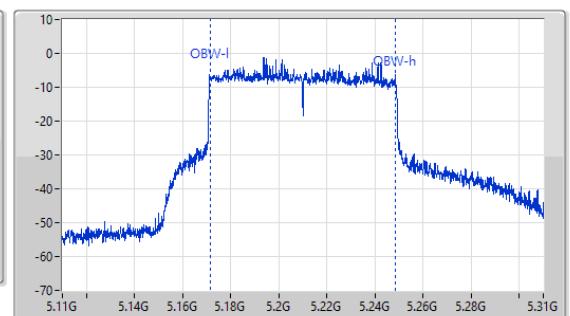
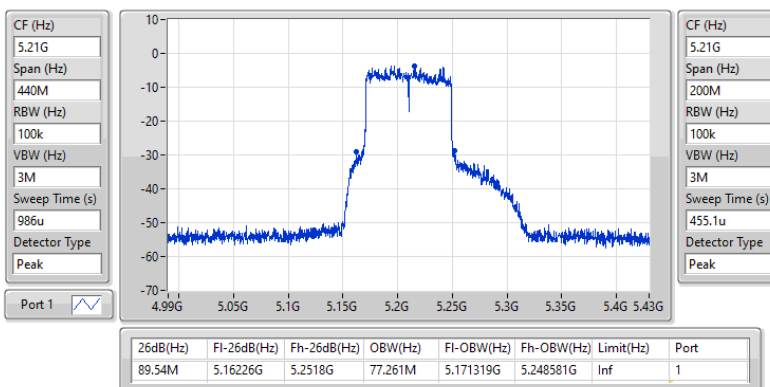


5.15-5.25GHz 802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

26/05/2025

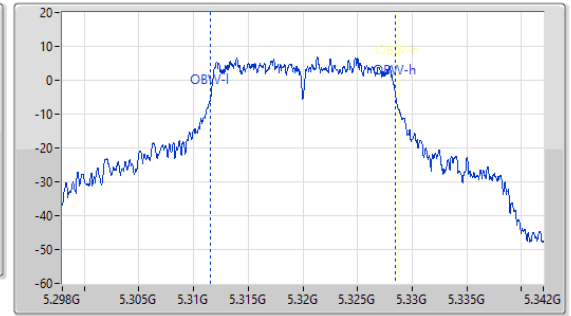
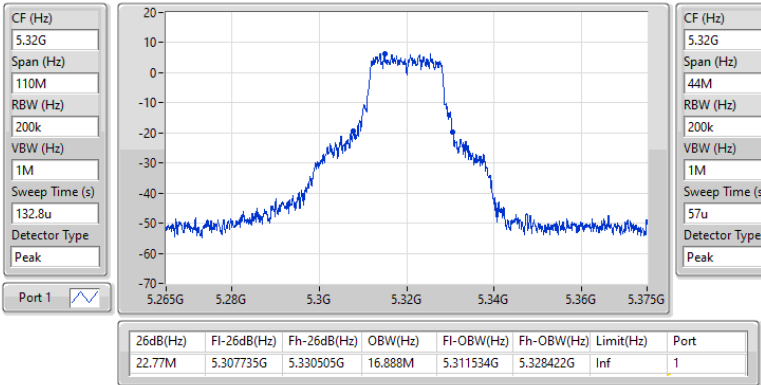


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

23/05/2025

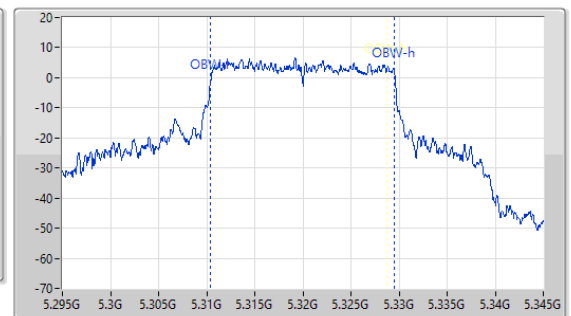
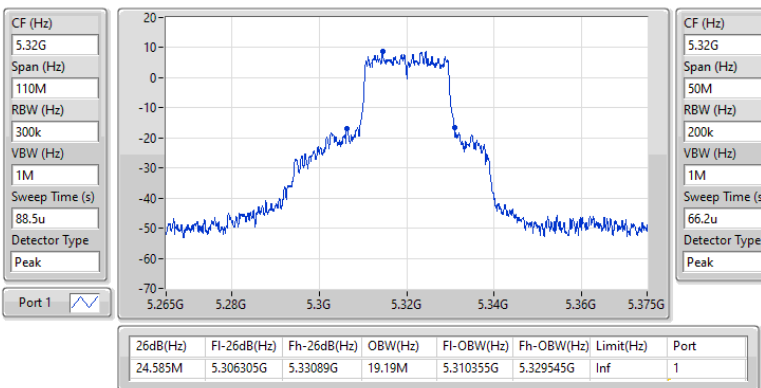


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

23/05/2025

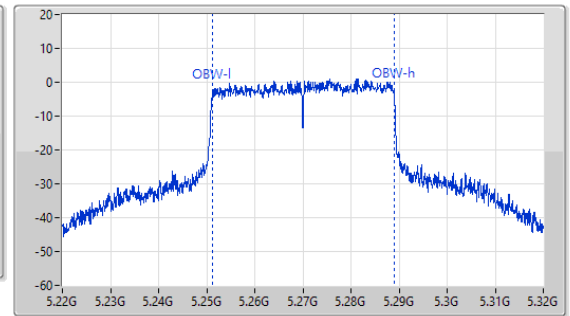
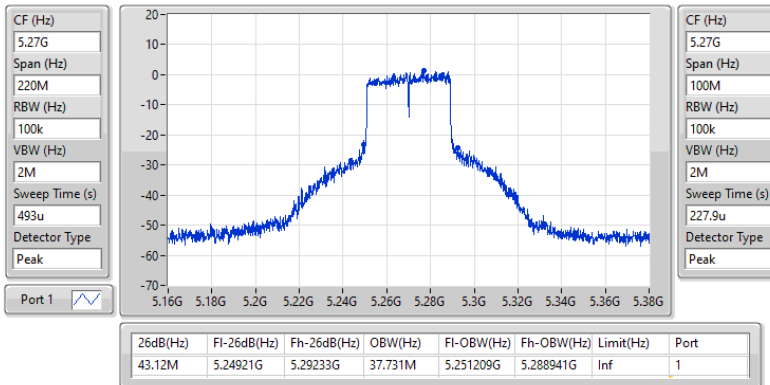


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5270MHz

23/05/2025

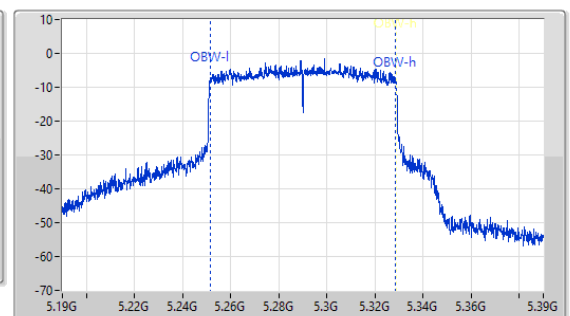
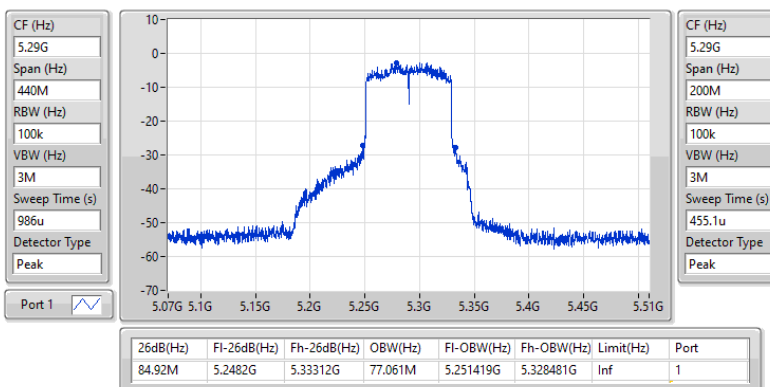


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

26/05/2025





EBW_Non-Beamforming_ Radio 3_2T1S_Patch_Outdoor_30 Degree Gain

Appendix B.37

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	23.54M	16.91M	16M9D1D	21.065M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX	23.65M	19.165M	19M2D1D	21.065M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	51.7M	37.831M	37M8D1D	41.25M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	90.2M	77.461M	77M5D1D	81.18M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.55M	16.998M	17M0D1D	20.405M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	25.575M	19.24M	19M2D1D	20.515M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	50.16M	37.831M	37M8D1D	42.24M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	83.82M	77.161M	77M2D1D	80.08M	76.962M

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_Non-Beamforming_
Radio 3_2T1S_Patch_Outdoor_30 Degree Gain**

Appendix B.37

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	21.78M	16.668M	21.285M	16.844M
5200MHz	Pass	Inf	21.23M	16.91M	23.54M	16.646M
5240MHz	Pass	Inf	21.065M	16.866M	21.23M	16.8M
5260MHz	Pass	Inf	21.615M	16.756M	21.835M	16.998M
5300MHz	Pass	Inf	21.065M	16.756M	22.55M	16.756M
5320MHz	Pass	Inf	20.405M	16.8M	22.055M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.835M	19.015M	22.605M	19.165M
5200MHz	Pass	Inf	22.055M	19.09M	21.065M	19.09M
5240MHz	Pass	Inf	23.65M	18.966M	21.945M	19.115M
5260MHz	Pass	Inf	25.575M	19.24M	22.77M	19.065M
5300MHz	Pass	Inf	20.515M	19.09M	22.55M	19.015M
5320MHz	Pass	Inf	21.835M	18.991M	22.275M	19.14M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.68M	37.831M	51.04M	37.831M
5230MHz	Pass	Inf	41.25M	37.731M	51.7M	37.831M
5270MHz	Pass	Inf	42.24M	37.781M	50.16M	37.831M
5310MHz	Pass	Inf	46.97M	37.731M	43.56M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	90.2M	77.461M	81.18M	77.261M
5290MHz	Pass	Inf	80.08M	76.962M	83.82M	77.161M

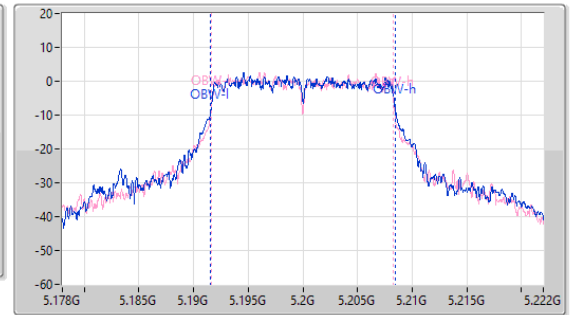
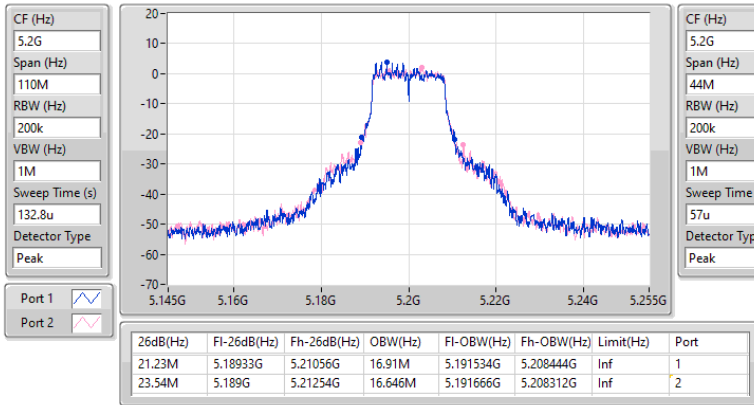
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

27/05/2025

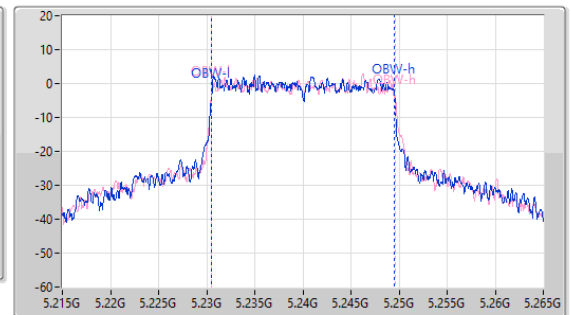
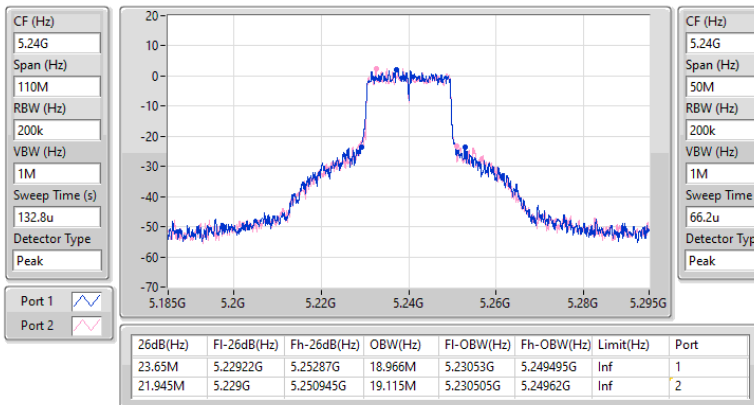


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

27/05/2025

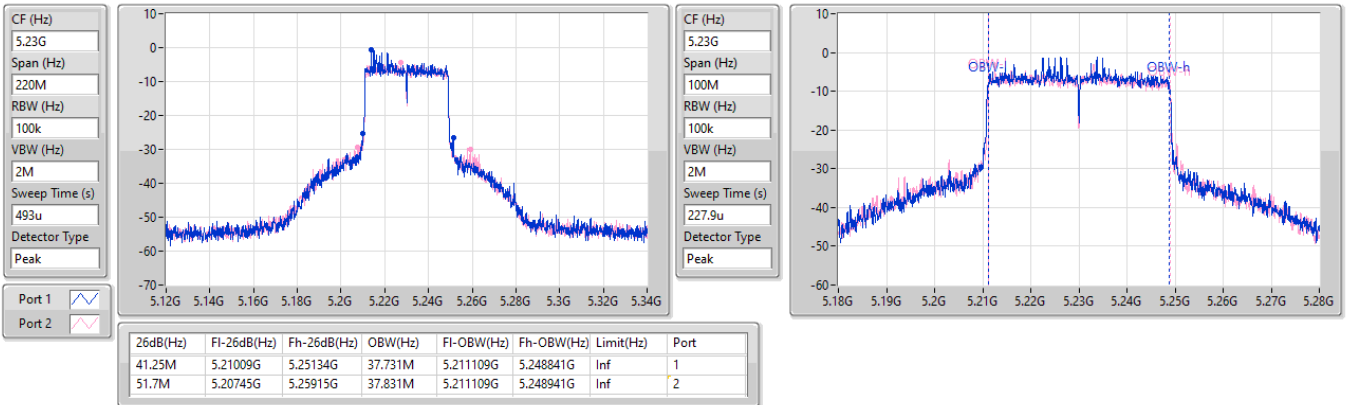


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

27/05/2025

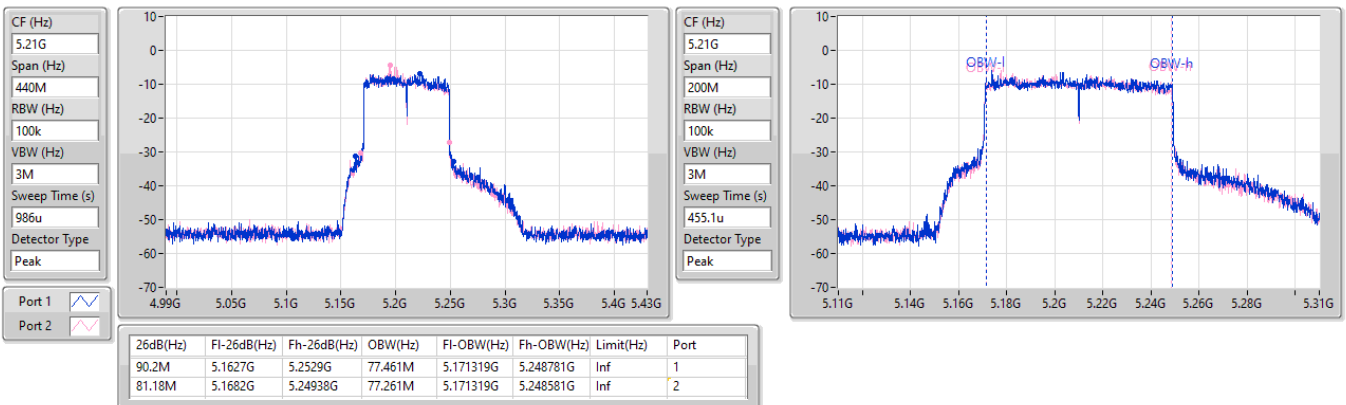


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

27/05/2025

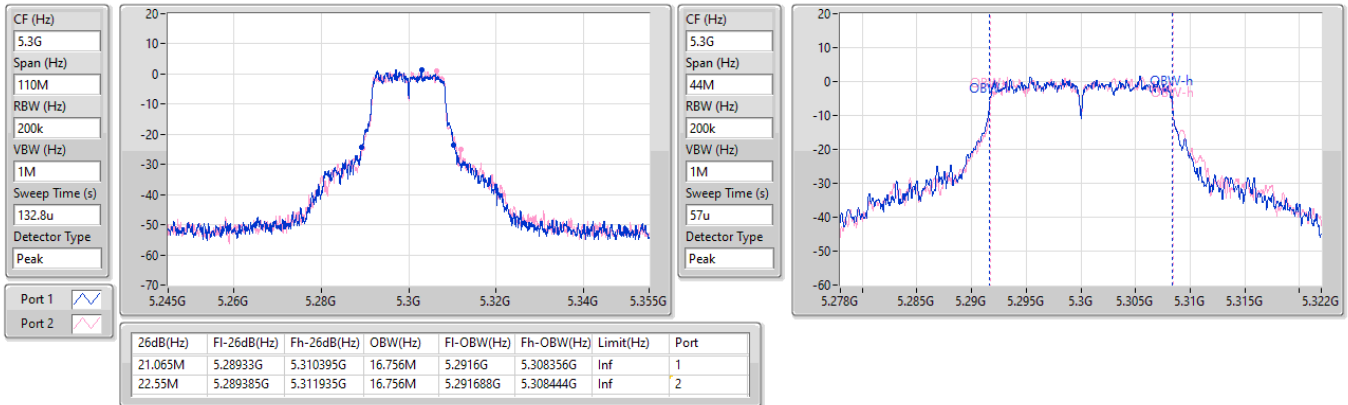


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

24/05/2025

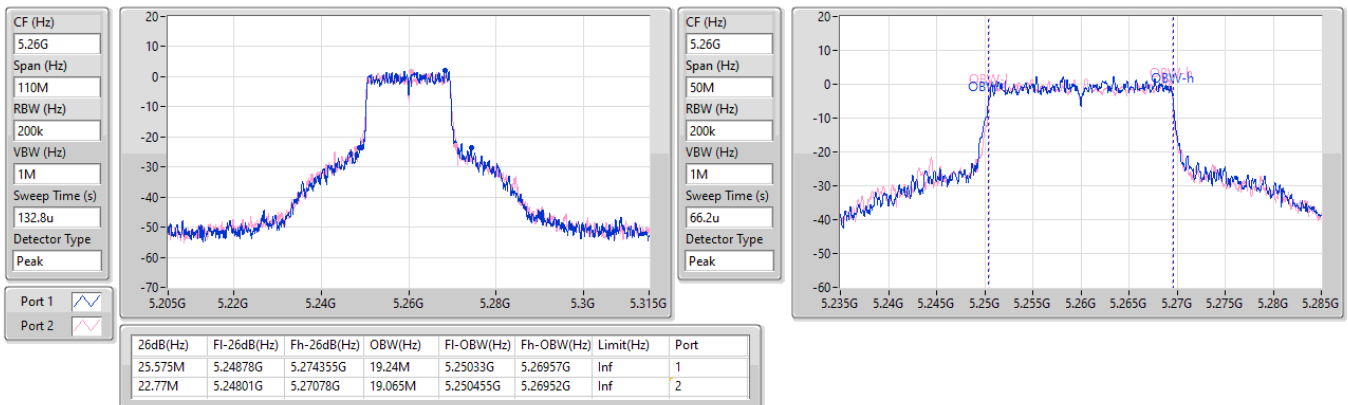


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

24/05/2025

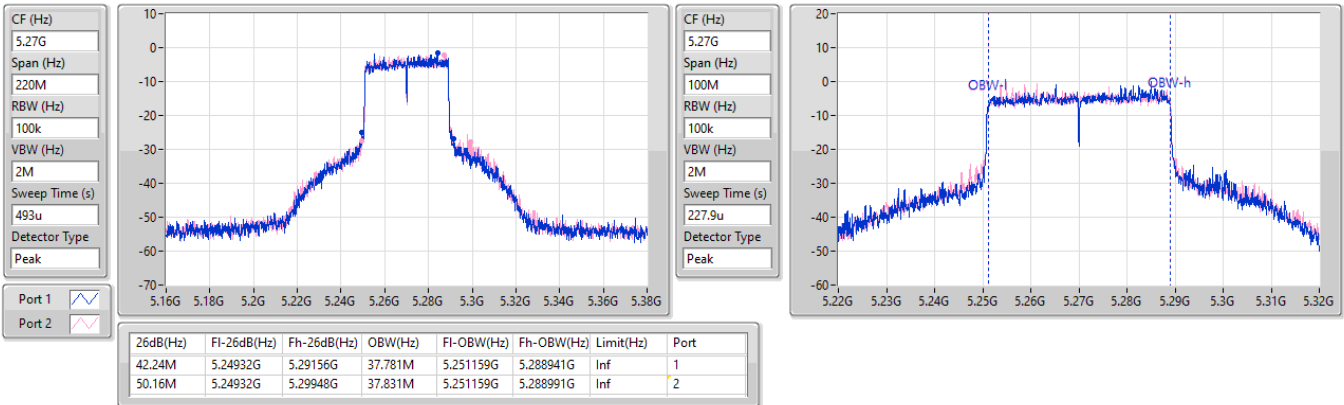


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

26/05/2025

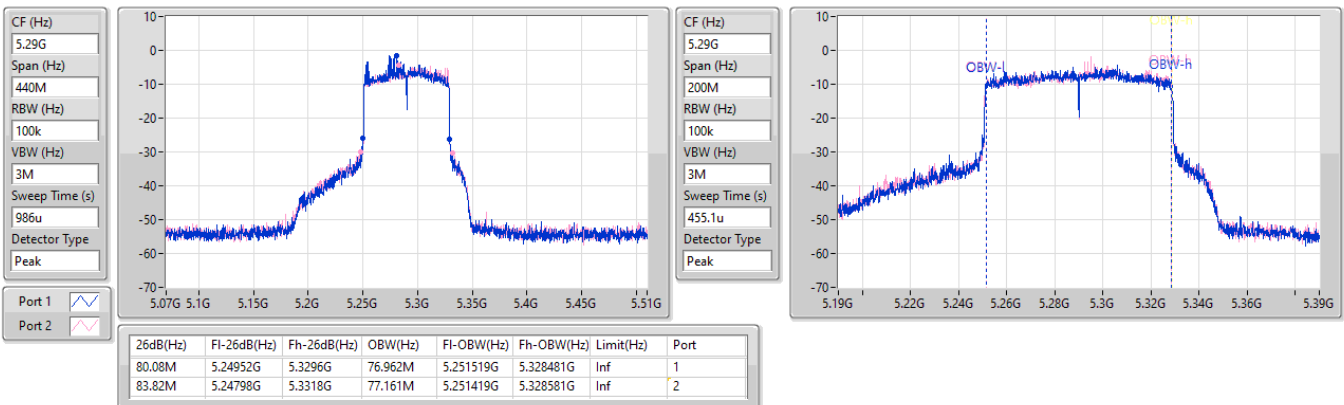


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

26/05/2025





EBW_Non-Beamforming_ Radio 3_2T2S_Patch_Outdoor_30 Degree Gain

Appendix B.38

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.145M	19.115M	19M1D1D	21.67M	18.991M
802.11be EHT40_Nss2,(MCS0)_2TX	44.77M	37.781M	37M8D1D	41.25M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	88.66M	77.161M	77M2D1D	79.64M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.695M	19.215M	19M2D1D	21.45M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	49.83M	37.781M	37M8D1D	40.26M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	79.2M	77.061M	77M1D1D	79.2M	76.962M

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_Non-Beamforming_
Radio 3_2T2S_Patch_Outdoor_30 Degree Gain**

Appendix B.38

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.725M	19.04M	24.145M	19.09M
5200MHz	Pass	Inf	22.055M	19.115M	21.67M	18.991M
5240MHz	Pass	Inf	22.275M	19.015M	23.65M	19.065M
5260MHz	Pass	Inf	21.505M	19.215M	21.45M	19.115M
5300MHz	Pass	Inf	24.695M	19.04M	21.89M	19.04M
5320MHz	Pass	Inf	22.44M	19.065M	23.155M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	44.77M	37.781M	41.25M	37.731M
5230MHz	Pass	Inf	41.47M	37.781M	42.35M	37.731M
5270MHz	Pass	Inf	43.78M	37.781M	42.02M	37.781M
5310MHz	Pass	Inf	49.83M	37.781M	40.26M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	88.66M	77.161M	79.64M	77.161M
5290MHz	Pass	Inf	79.2M	77.061M	79.2M	76.962M

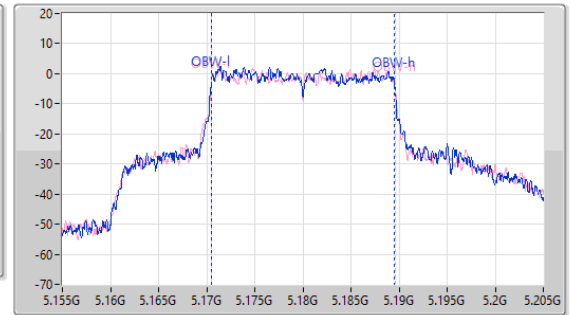
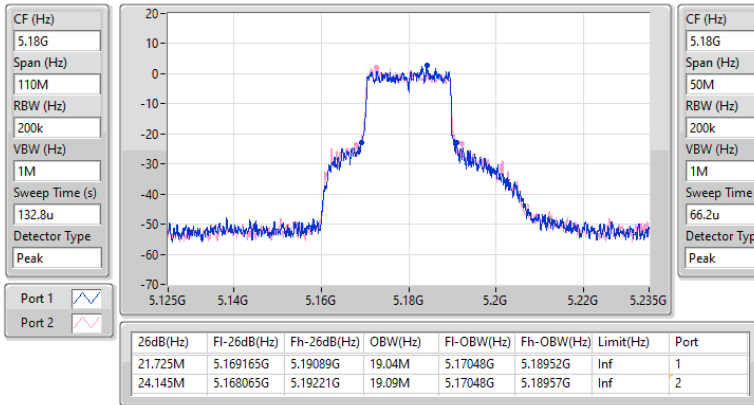
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5180MHz

27/05/2025

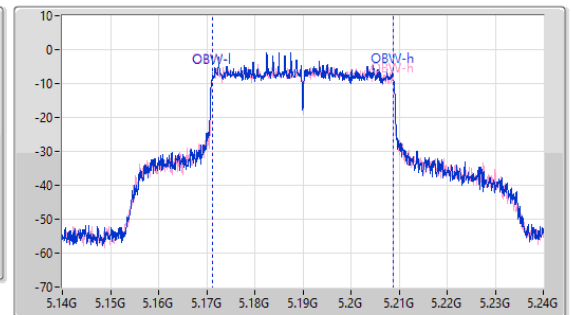
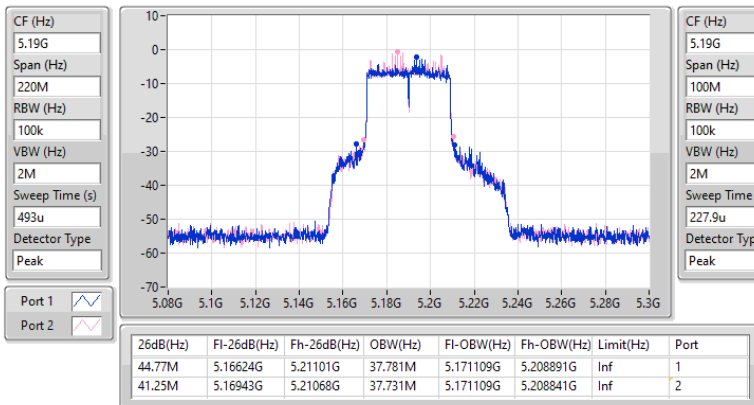


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

27/05/2025

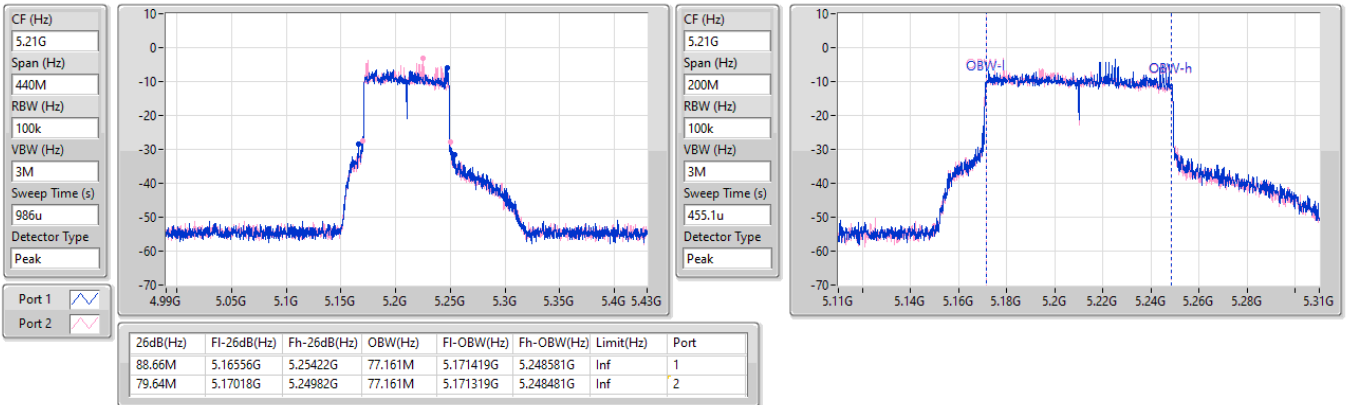


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

27/05/2025

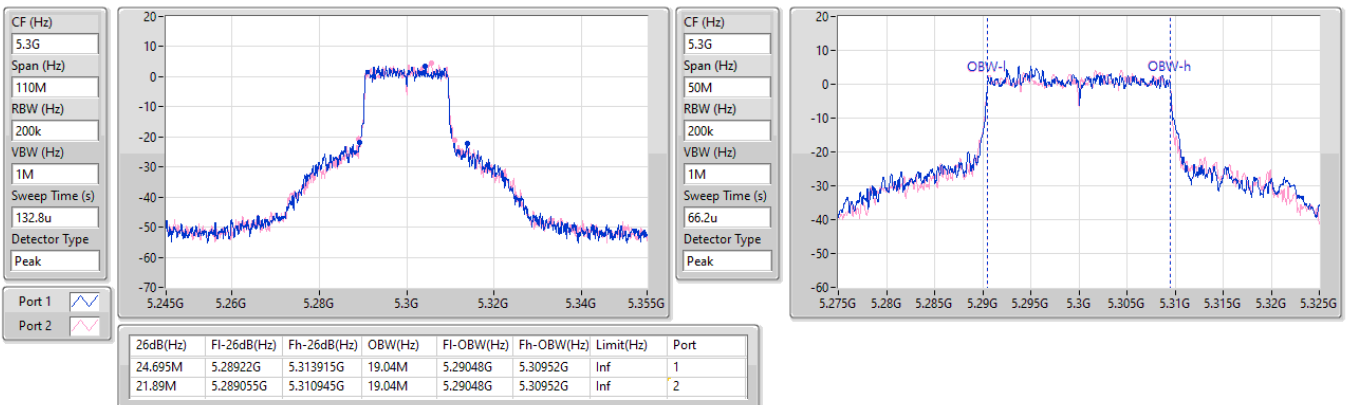


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

26/05/2025

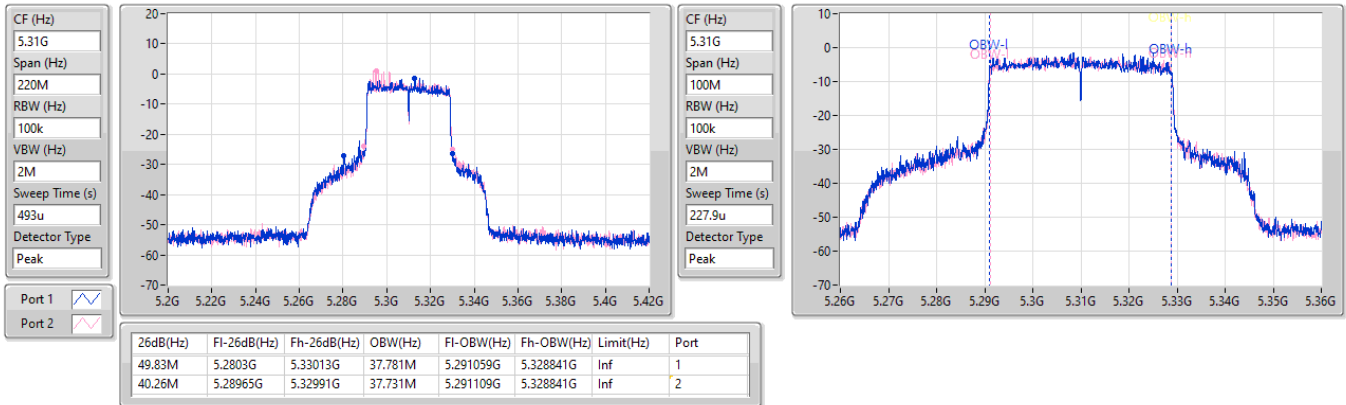


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

26/05/2025



5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

26/05/2025

