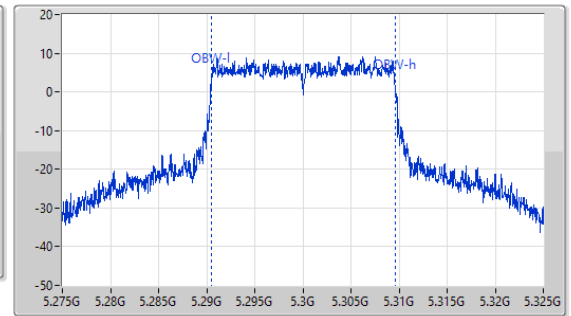
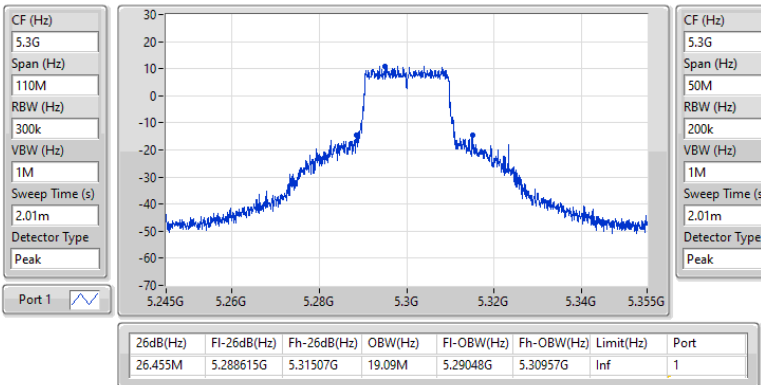


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

17/04/2025

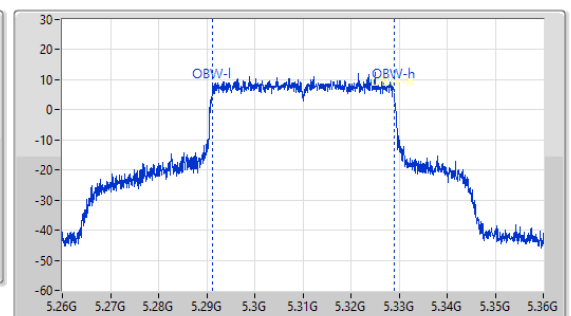
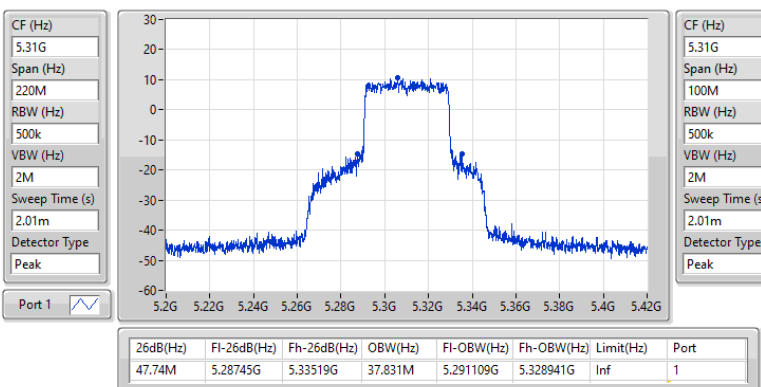


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

17/04/2025

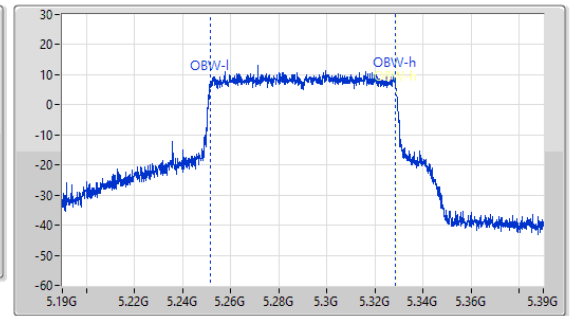
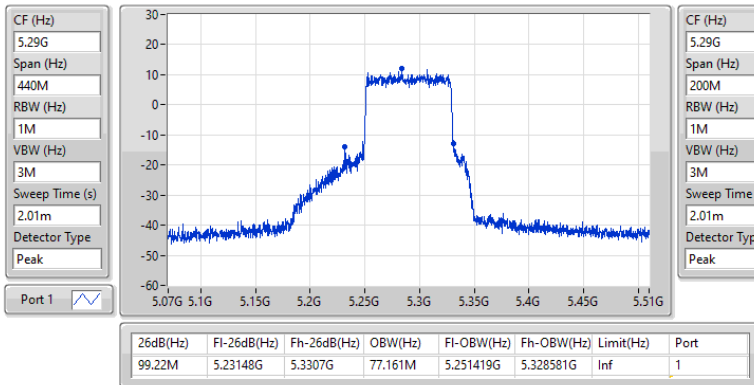


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

17/04/2025

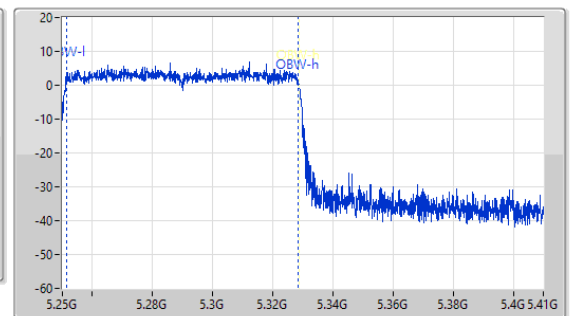
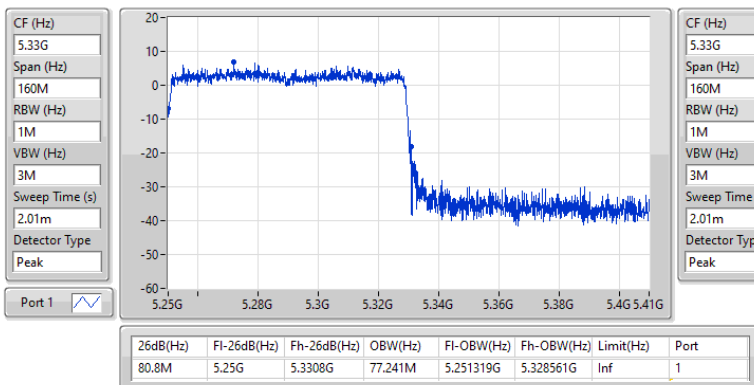


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/04/2025

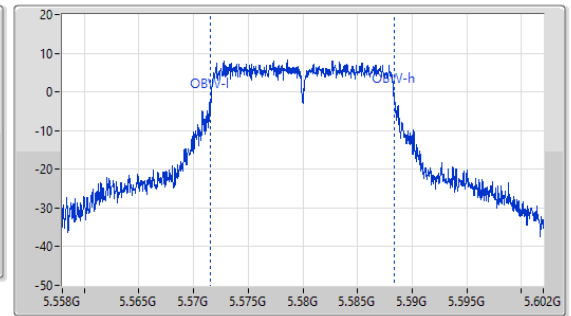
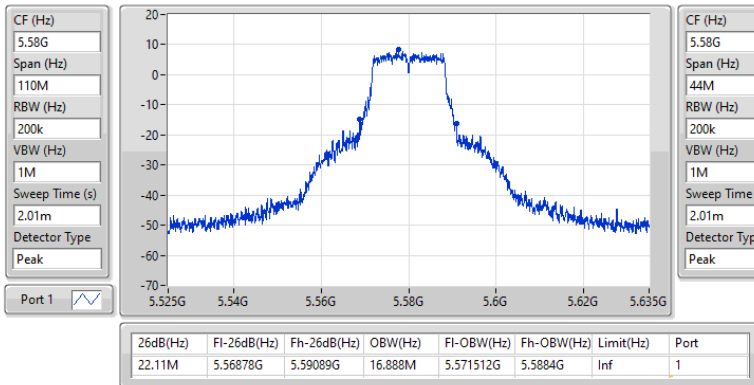


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

17/04/2025

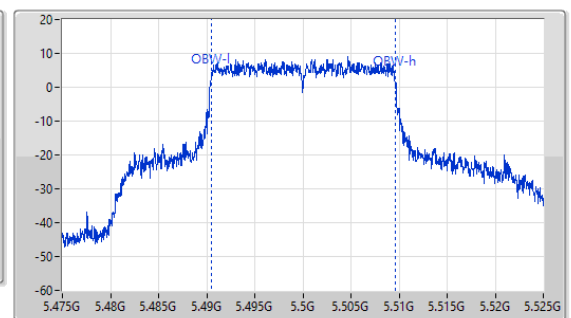
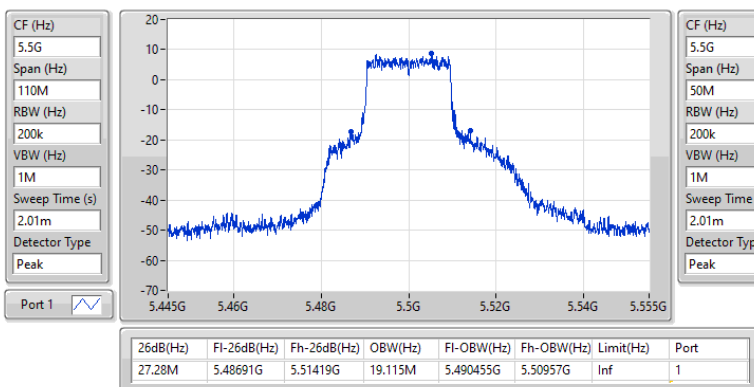


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

17/04/2025

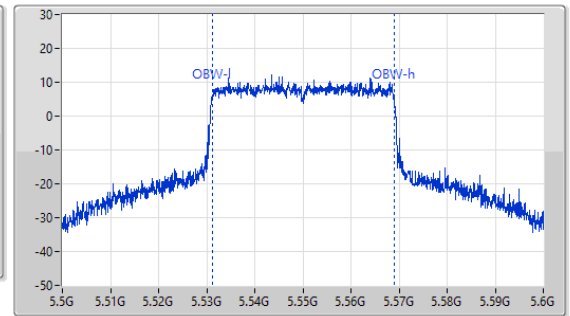
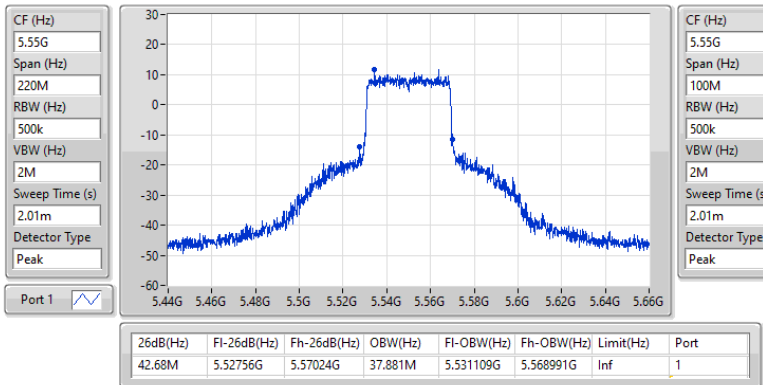


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5550MHz

17/04/2025

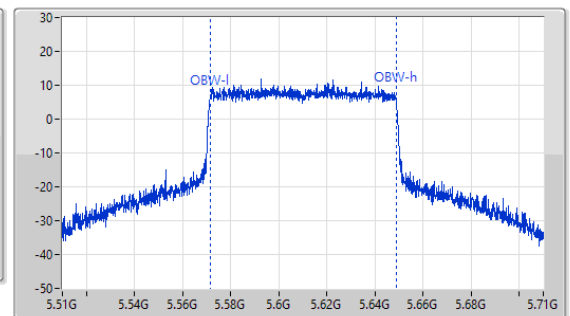
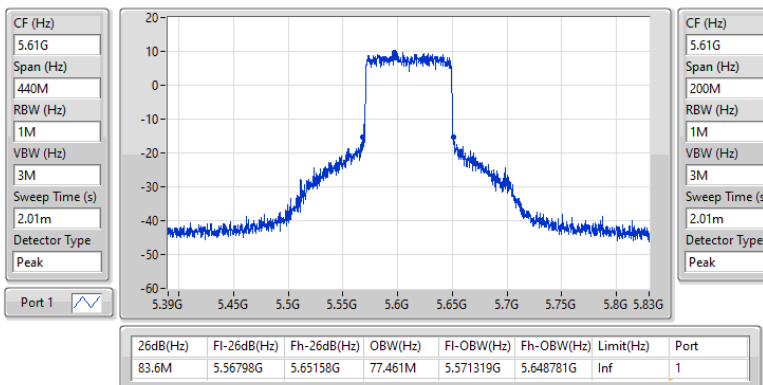


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5610MHz

17/04/2025

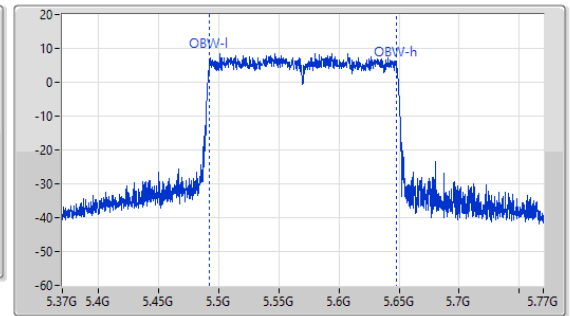
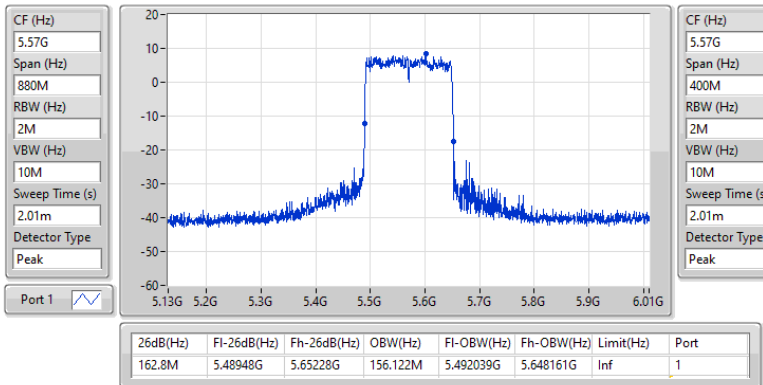


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

17/04/2025

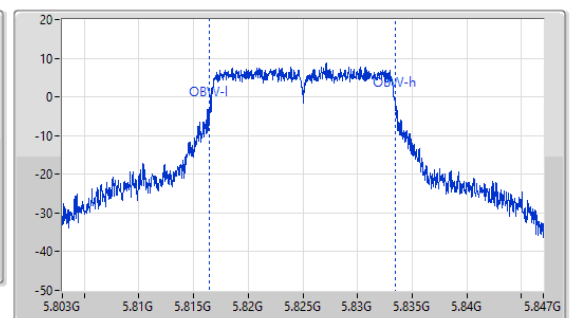
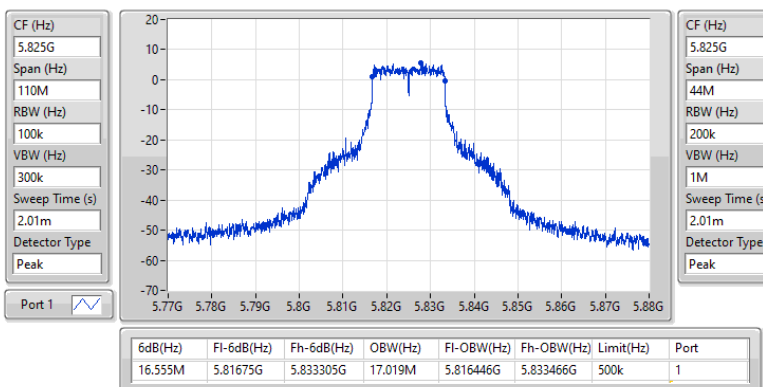


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

17/04/2025

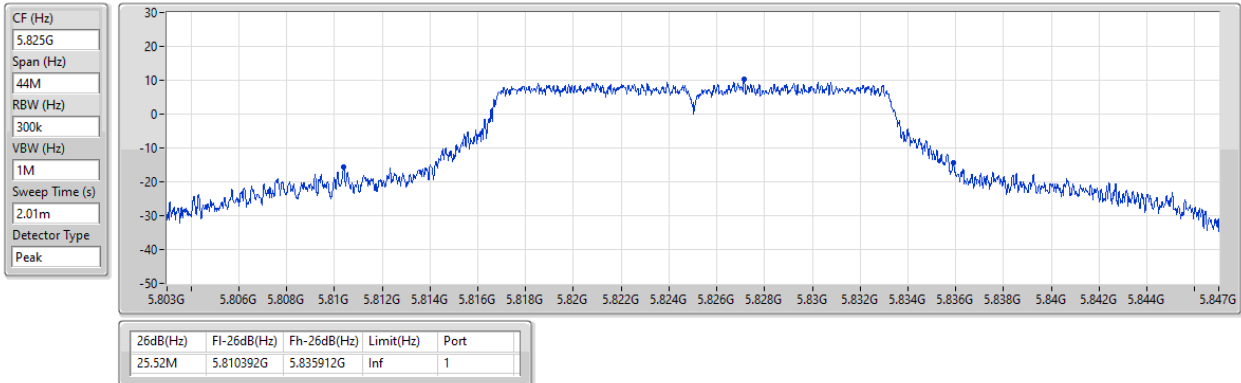


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

17/04/2025

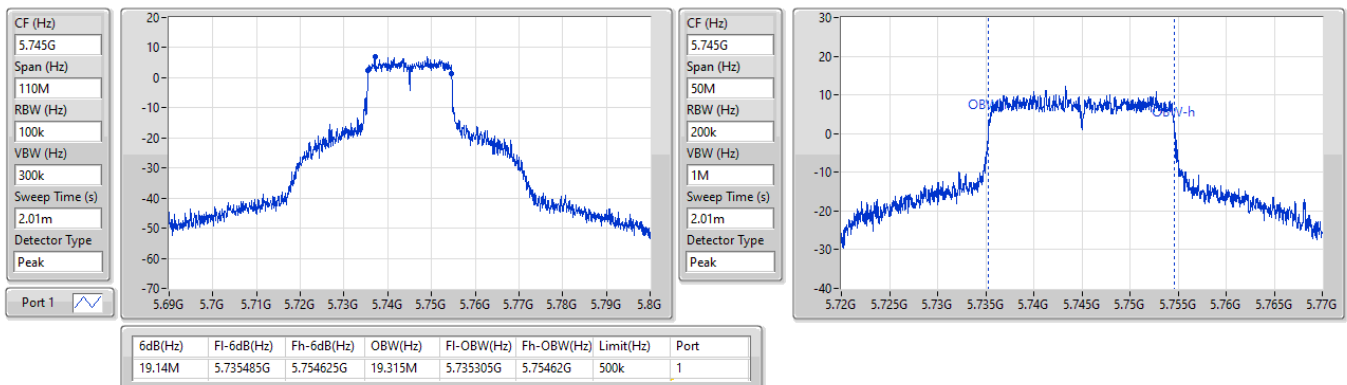


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

17/04/2025

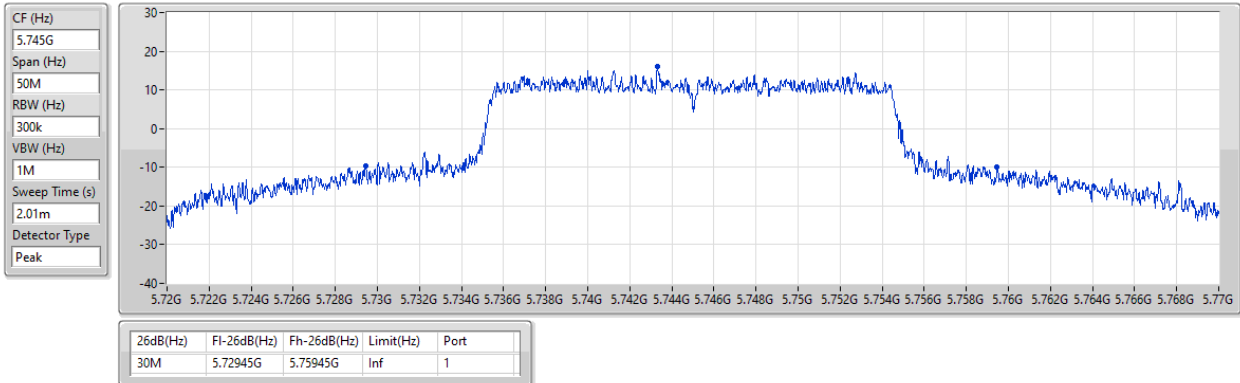


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

17/04/2025

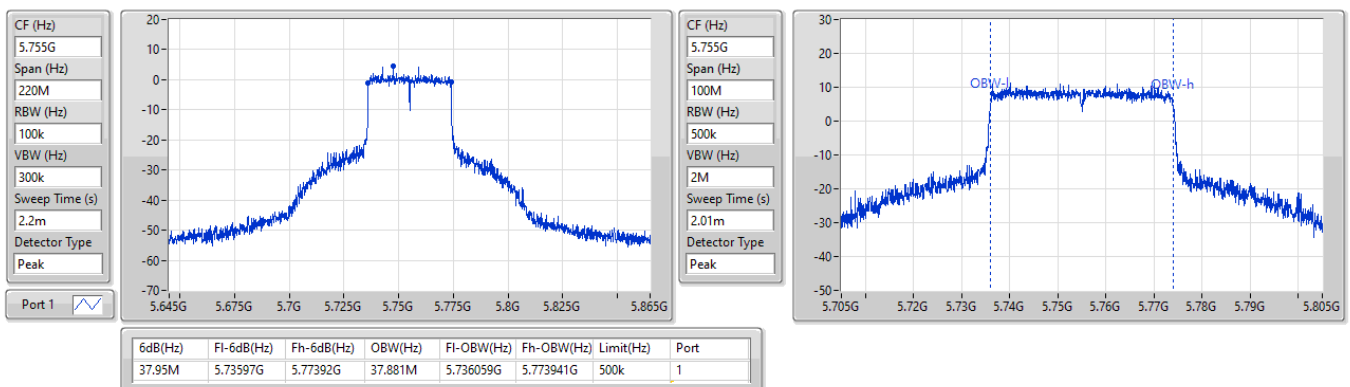


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

17/04/2025

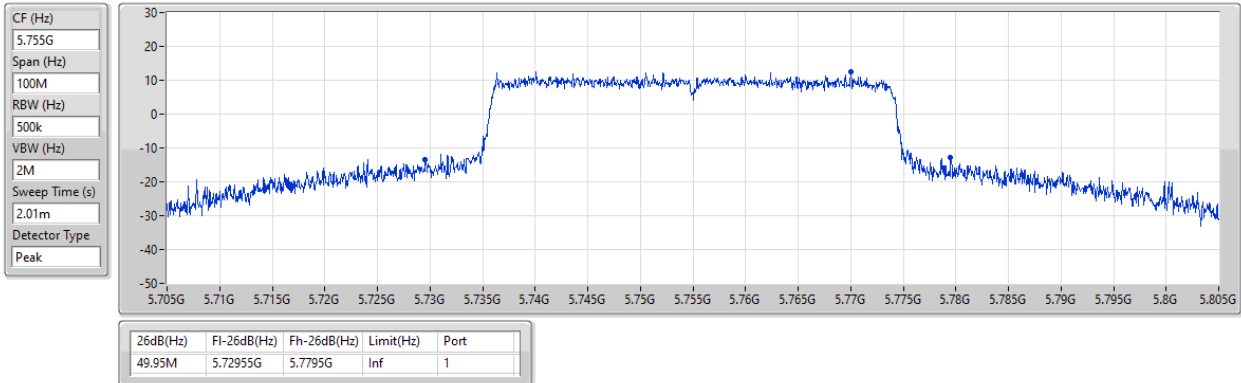


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

17/04/2025

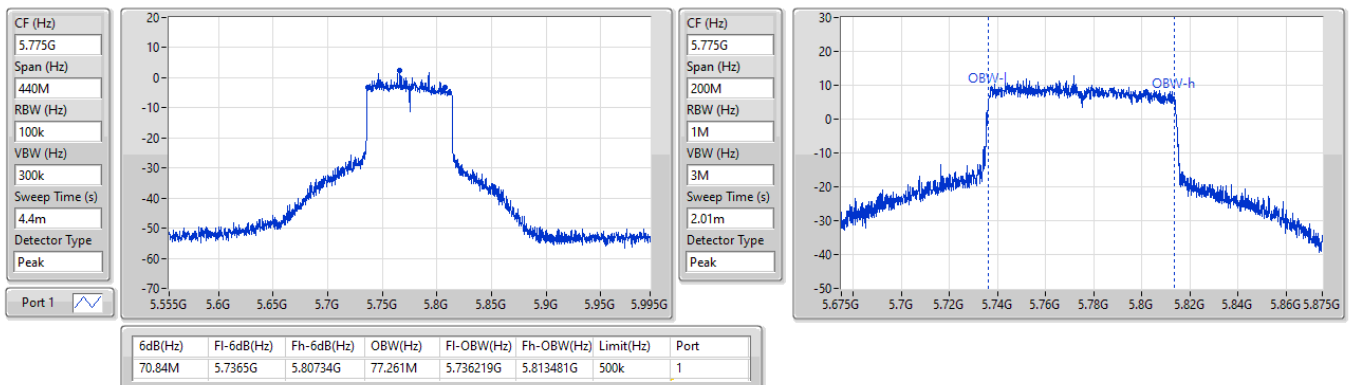


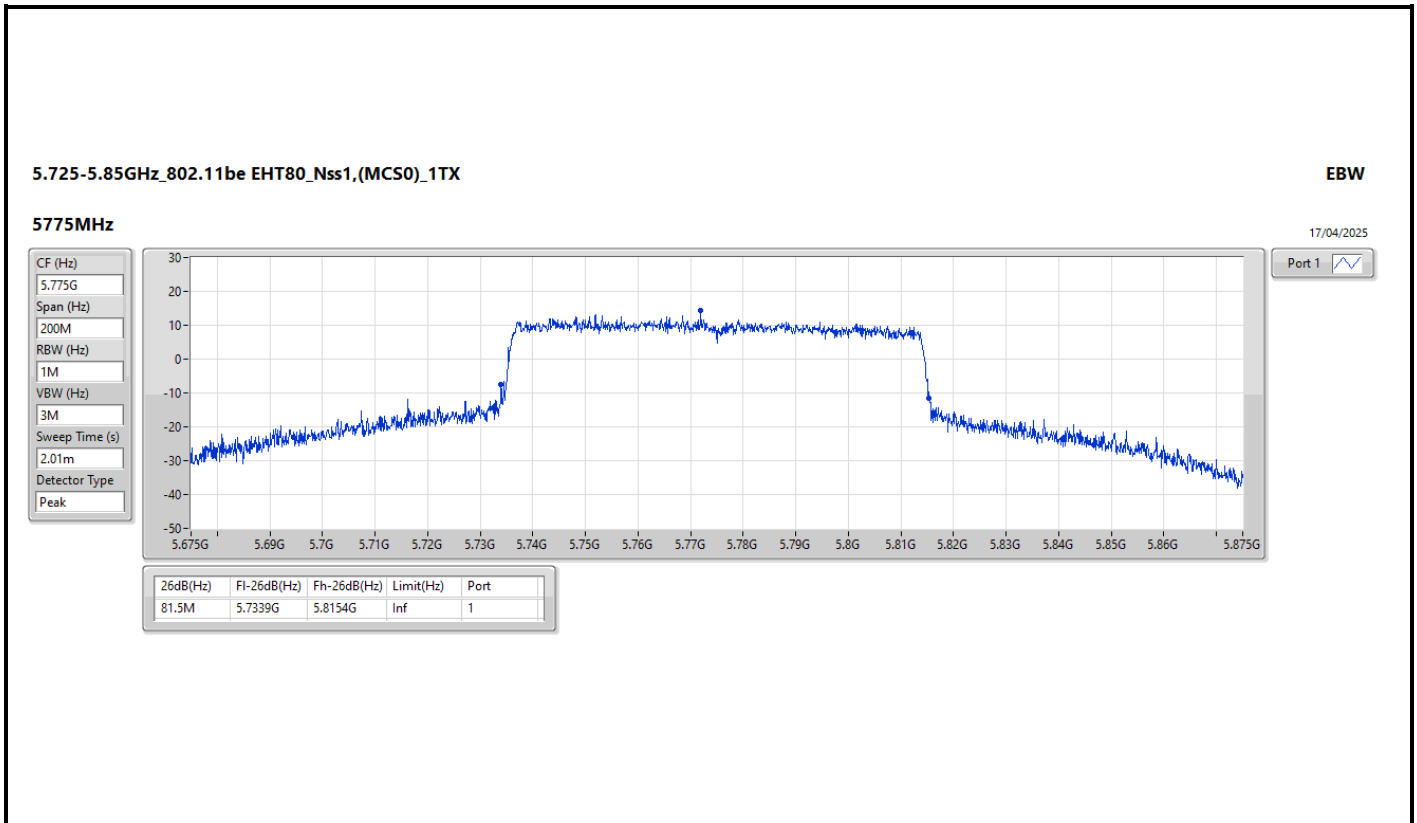
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

17/04/2025







EBW_Non-Beamforming_Radio 2_2T1S Outdoor_Peak Gain

Appendix B.10

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	22.55M	16.976M	17M0D1D	20.955M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	26.235M	19.115M	19M1D1D	21.45M	19.09M
802.11be EHT40_Nss1,(MCS0)_2TX	46.09M	37.881M	37M9D1D	42.57M	37.831M
802.11be EHT80_Nss1,(MCS0)_2TX	94.82M	77.561M	77M6D1D	82.72M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	80.96M	77.241M	77M2D1D	80.88M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.715M	16.976M	17M0D1D	21.065M	16.844M
802.11be EHT20_Nss1,(MCS0)_2TX	25.19M	19.115M	19M1D1D	22.22M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	43.34M	37.881M	37M9D1D	41.58M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	84.04M	77.361M	77M4D1D	82.72M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	81.28M	77.321M	77M3D1D	80.96M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.33M	16.954M	17M0D1D	16.815M	13.538M
802.11be EHT20_Nss1,(MCS0)_2TX	24.97M	19.14M	19M1D1D	15.975M	14.543M
802.11be EHT40_Nss1,(MCS0)_2TX	50.82M	37.931M	37M9D1D	35.42M	33.793M
802.11be EHT80_Nss1,(MCS0)_2TX	88M	77.361M	77M4D1D	75.675M	73.313M
802.11be EHT160_Nss1,(MCS0)_2TX	162.36M	156.322M	156MD1D	161.92M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	17.503M	17M5D1D	3.16M	4.938M
802.11be EHT20_Nss1,(MCS0)_2TX	19.195M	19.29M	19M3D1D	4.52M	5.677M
802.11be EHT40_Nss1,(MCS0)_2TX	38.06M	37.931M	37M9D1D	3.82M	10.015M
802.11be EHT80_Nss1,(MCS0)_2TX	76.56M	77.361M	77M4D1D	3.86M	16.332M

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 Outdoor_Peak Gain

Appendix B.10

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	21.725M	16.866M	21.285M	16.932M
5200MHz	Pass	Inf	21.505M	16.822M	22M	16.91M
5240MHz	Pass	Inf	22.55M	16.976M	20.955M	16.822M
5260MHz	Pass	Inf	21.065M	16.91M	22.715M	16.866M
5300MHz	Pass	Inf	22.385M	16.91M	21.395M	16.844M
5320MHz	Pass	Inf	22.385M	16.976M	21.835M	16.888M
5500MHz	Pass	Inf	21.45M	16.954M	22.33M	16.866M
5580MHz	Pass	Inf	22.11M	16.866M	21.615M	16.844M
5700MHz	Pass	Inf	21.12M	16.712M	20.845M	16.646M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.82M	13.583M	16.815M	13.538M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	5.157M	3.16M	4.938M
5745MHz	Pass	500k	16.5M	17.503M	16.5M	17.415M
5785MHz	Pass	500k	16.17M	17.459M	16.28M	17.195M
5825MHz	Pass	500k	16.335M	16.954M	16.335M	16.932M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	19.115M	24.035M	19.115M
5200MHz	Pass	Inf	22.33M	19.115M	21.615M	19.09M
5240MHz	Pass	Inf	26.235M	19.09M	25.465M	19.09M
5260MHz	Pass	Inf	24.365M	19.065M	22.495M	19.09M
5300MHz	Pass	Inf	22.33M	19.065M	23.21M	19.065M
5320MHz	Pass	Inf	25.19M	19.065M	22.22M	19.115M
5500MHz	Pass	Inf	24.97M	19.14M	21.45M	19.115M
5580MHz	Pass	Inf	21.725M	19.09M	21.45M	19.09M
5700MHz	Pass	Inf	21.34M	19.04M	21.395M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.15M	14.543M	15.975M	14.603M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.737M	4.54M	5.677M
5745MHz	Pass	500k	18.095M	19.29M	19.03M	19.265M
5785MHz	Pass	500k	19.03M	19.265M	18.645M	19.14M
5825MHz	Pass	500k	18.81M	19.14M	19.195M	19.14M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	46.09M	37.831M	44.55M	37.881M
5230MHz	Pass	Inf	43.45M	37.831M	42.57M	37.881M
5270MHz	Pass	Inf	41.69M	37.781M	41.91M	37.881M
5310MHz	Pass	Inf	41.58M	37.881M	43.34M	37.881M
5510MHz	Pass	Inf	48.07M	37.881M	41.58M	37.881M
5550MHz	Pass	Inf	43.12M	37.931M	44M	37.831M
5670MHz	Pass	Inf	50.82M	37.781M	45.87M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.77M	33.793M	35.42M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	10.135M	4.1M	10.015M
5755MHz	Pass	500k	38.06M	37.931M	37.73M	37.931M
5795MHz	Pass	500k	38.06M	37.881M	36.3M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.72M	77.461M	94.82M	77.561M
5290MHz	Pass	Inf	84.04M	77.361M	82.72M	77.261M
5530MHz	Pass	Inf	88M	77.261M	81.18M	77.261M
5610MHz	Pass	Inf	84.04M	77.361M	83.6M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	73.313M	78.975M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	16.332M	4.12M	16.832M
5775MHz	Pass	500k	76.56M	77.361M	76.34M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	77.241M	80.96M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.96M	77.321M	81.28M	77.241M
5570MHz	Pass	Inf	161.92M	156.322M	162.36M	155.922M

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

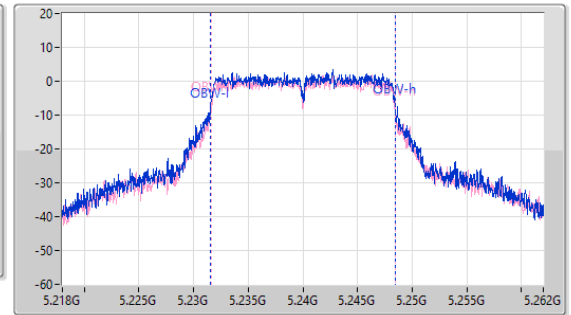
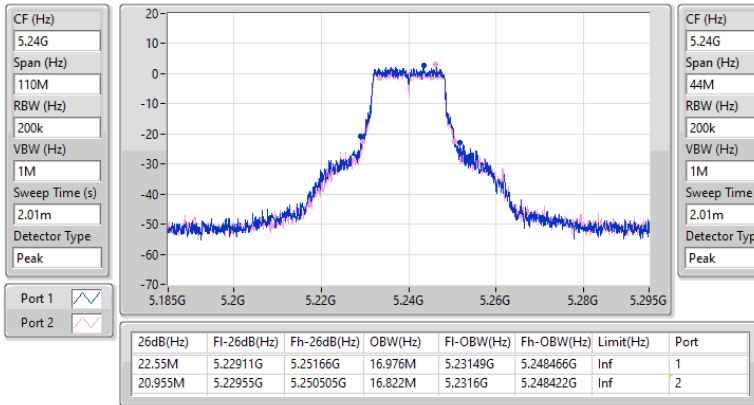
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

18/04/2025

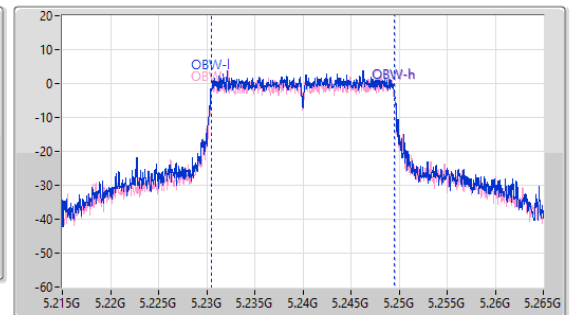
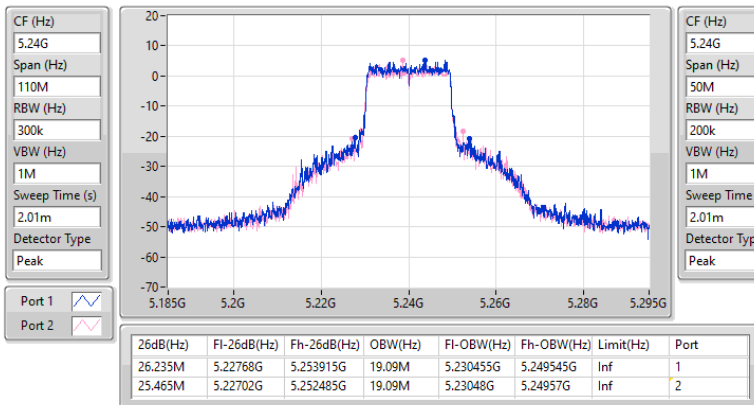


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

18/04/2025

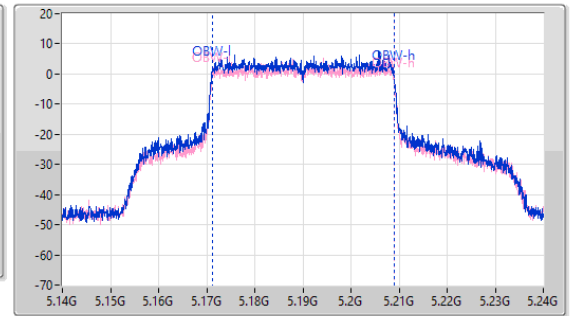
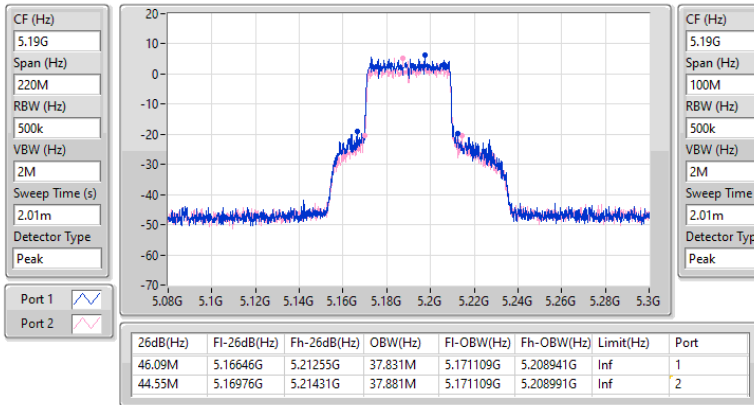


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

18/04/2025

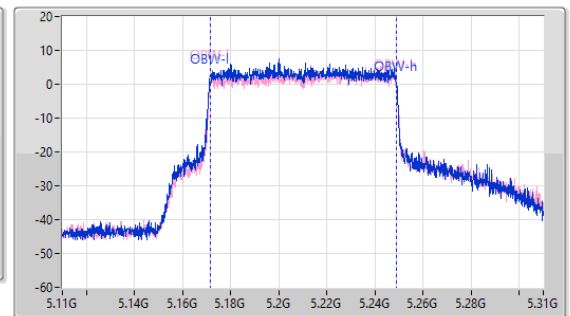
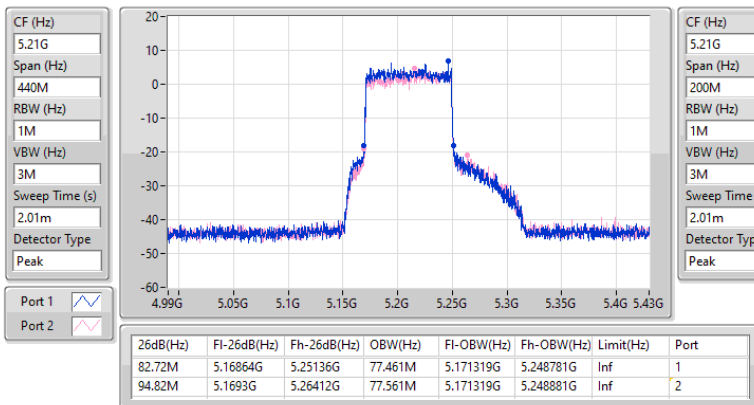


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

18/04/2025

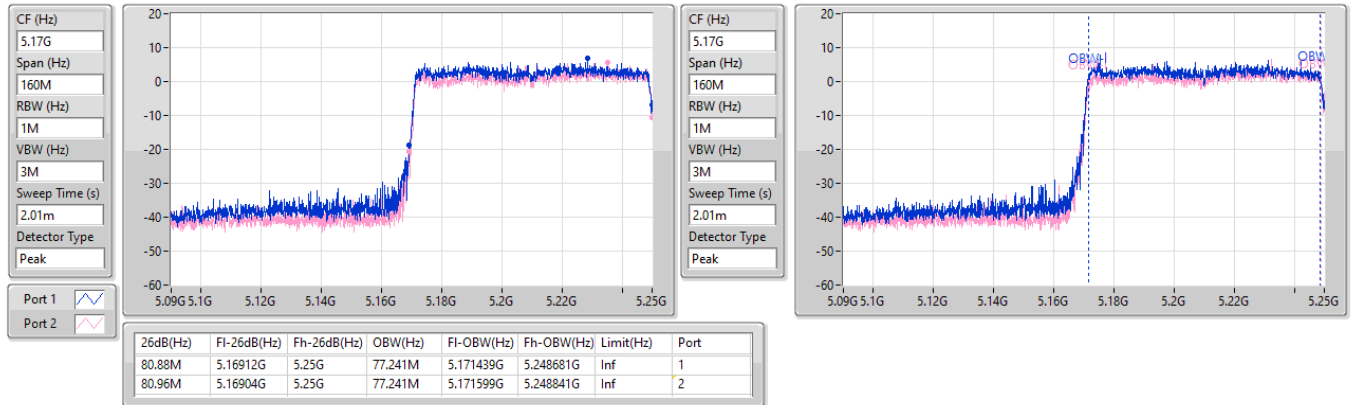


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

17/04/2025

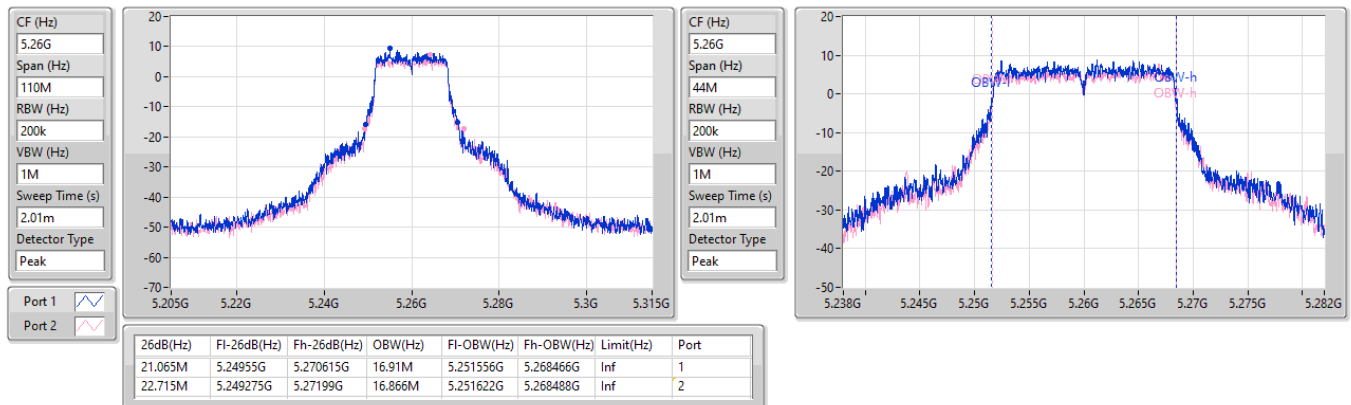


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

17/04/2025

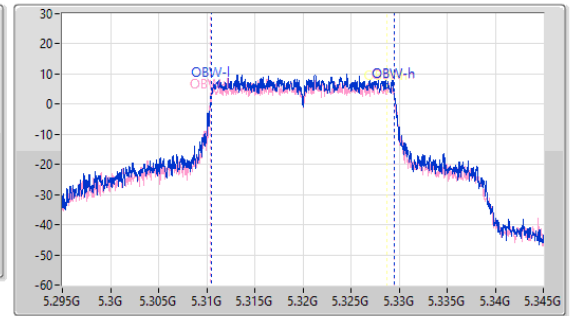
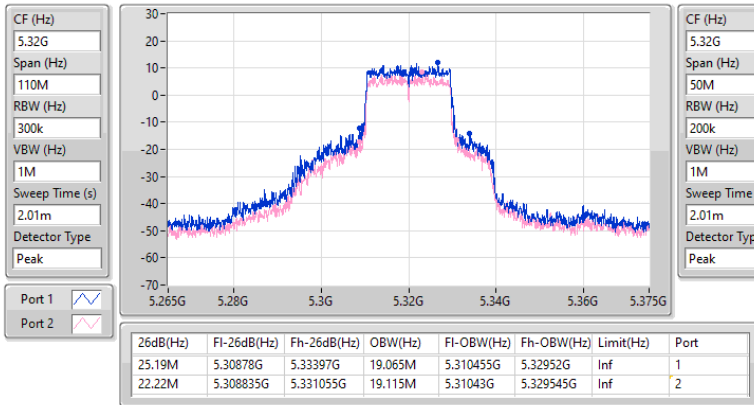


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

17/04/2025

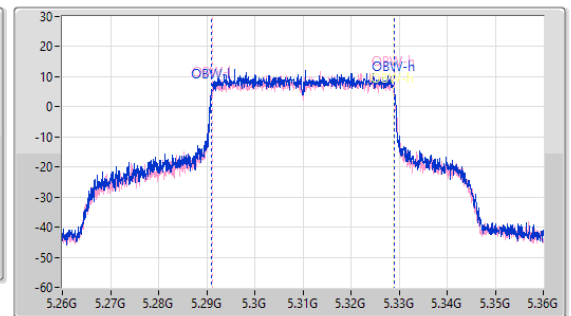
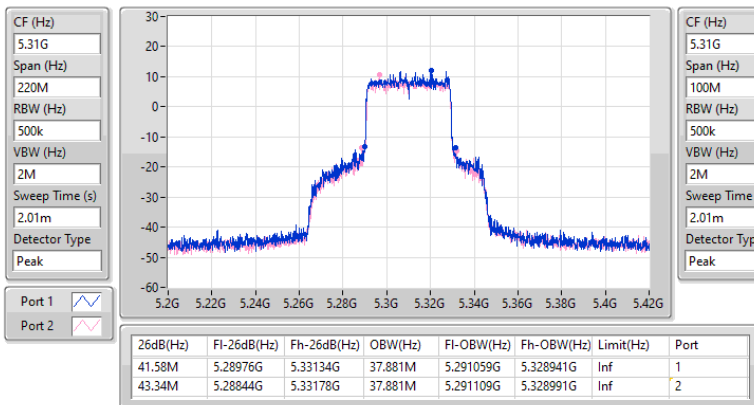


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

17/04/2025

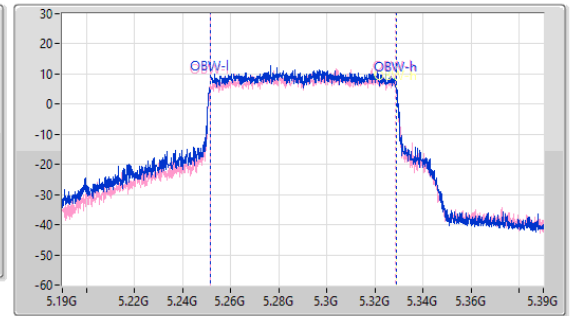
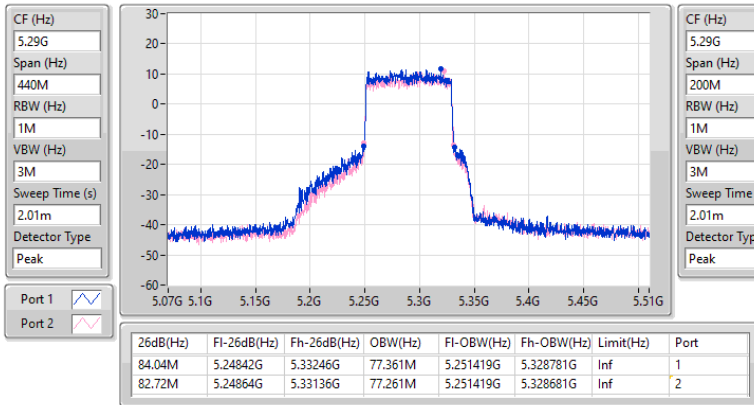


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

17/04/2025

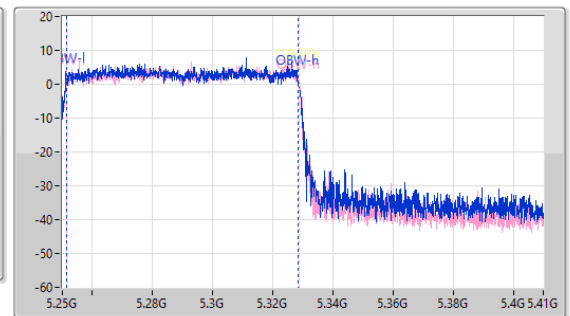
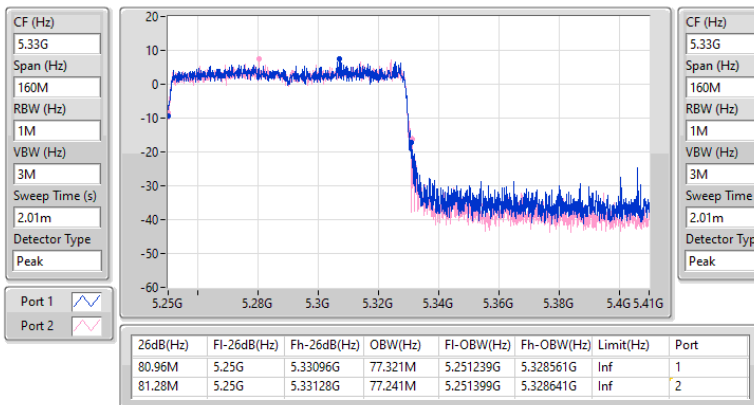


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/04/2025

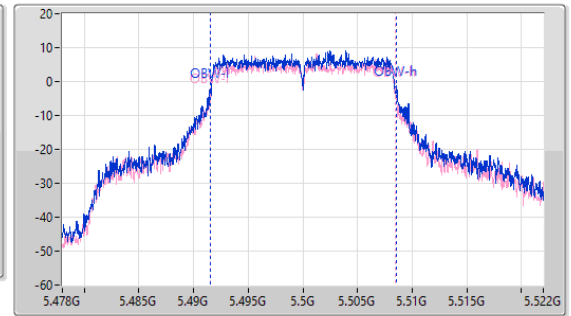
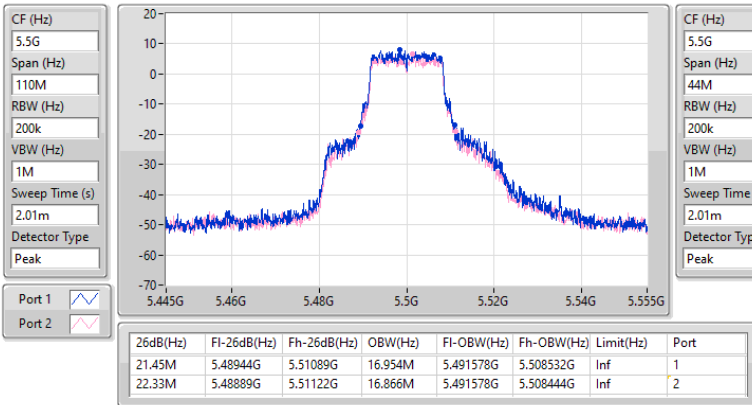


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

17/04/2025

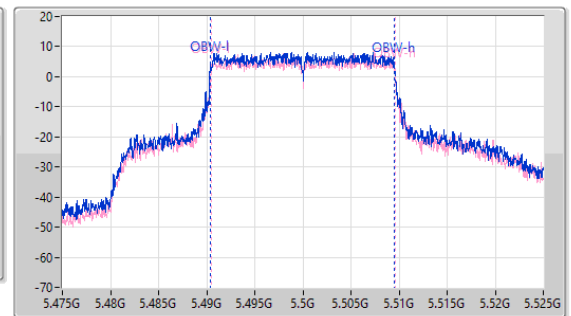
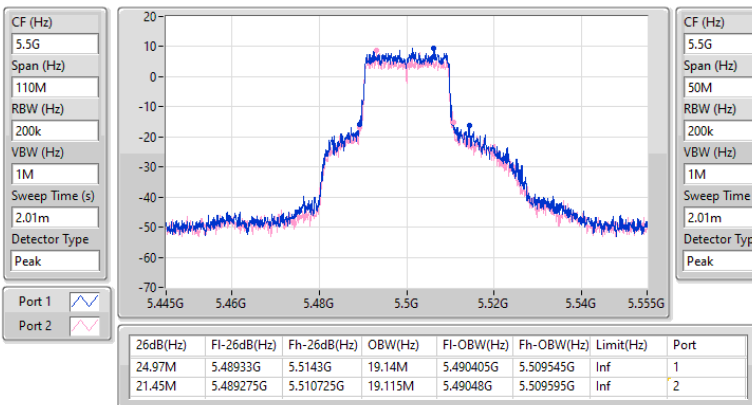


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

17/04/2025

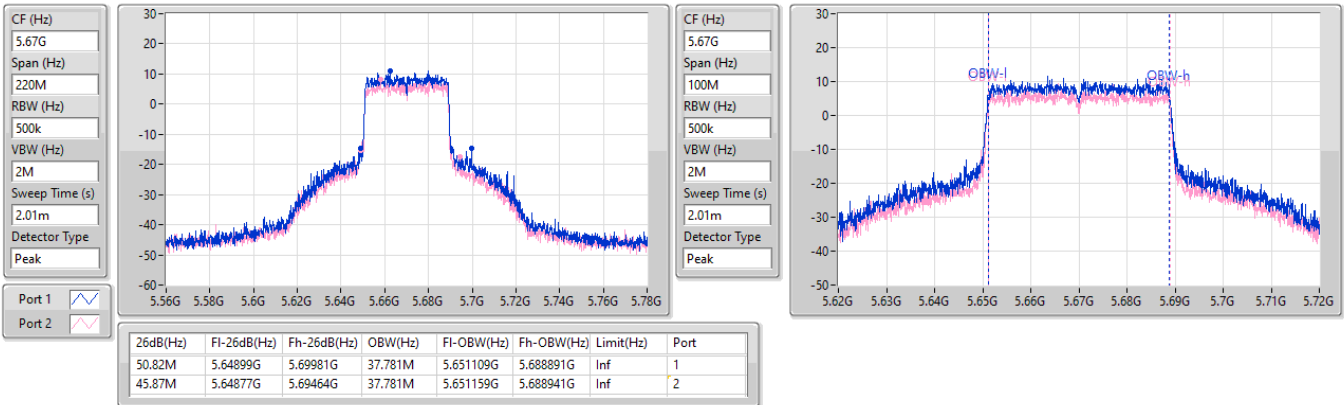


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

17/04/2025

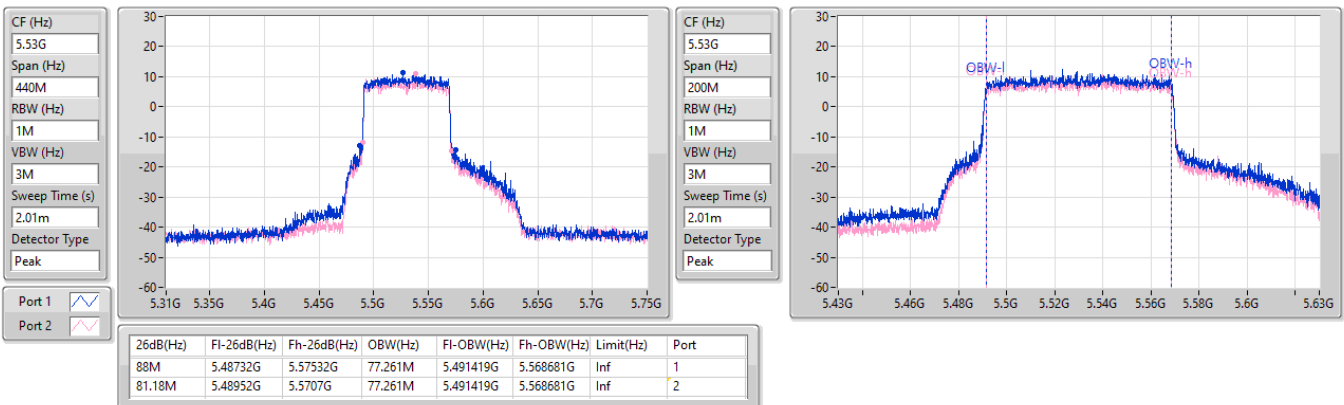


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

17/04/2025

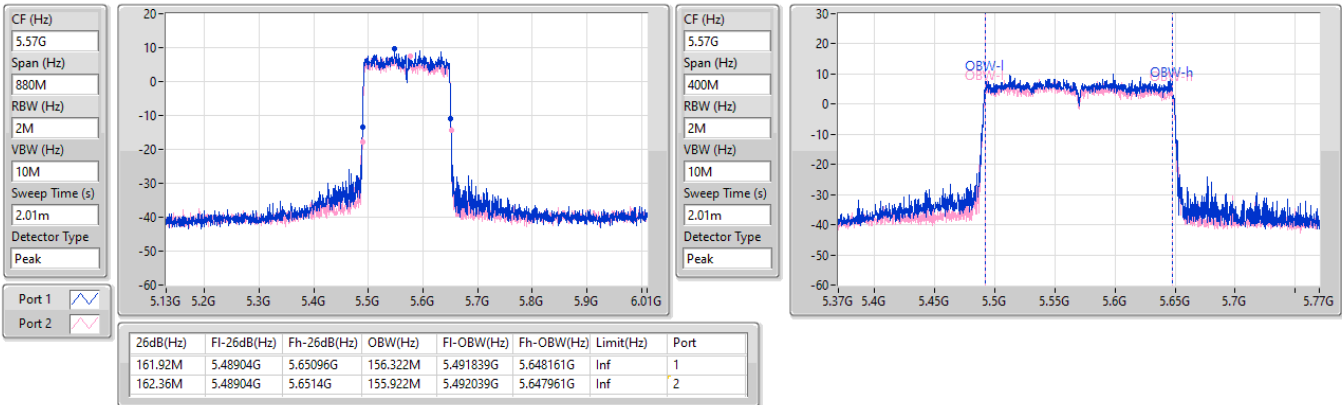


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

17/04/2025

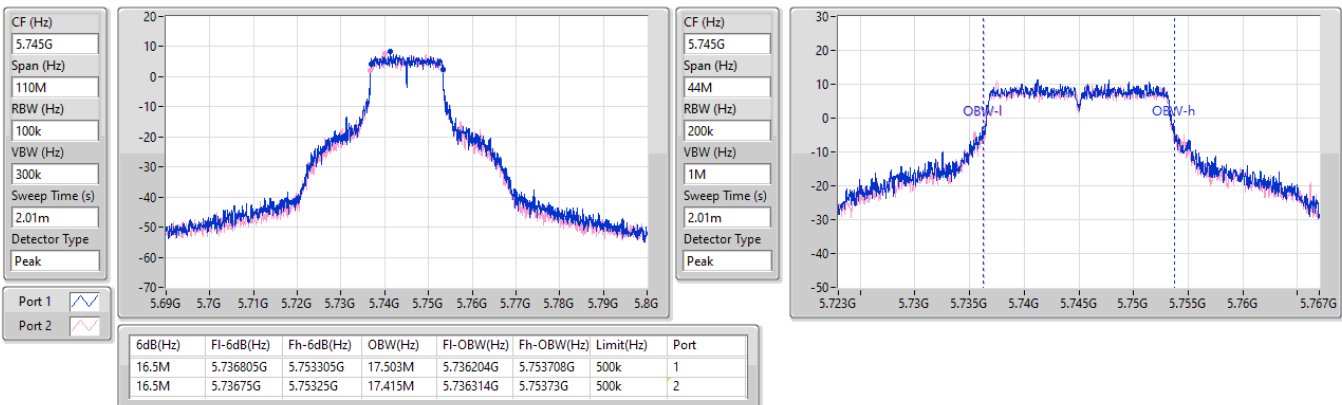


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

17/04/2025

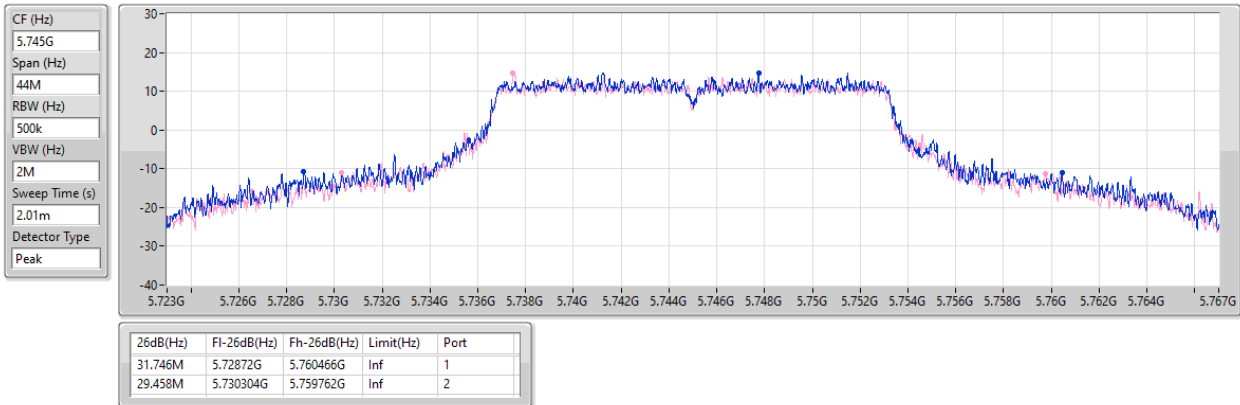


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

17/04/2025

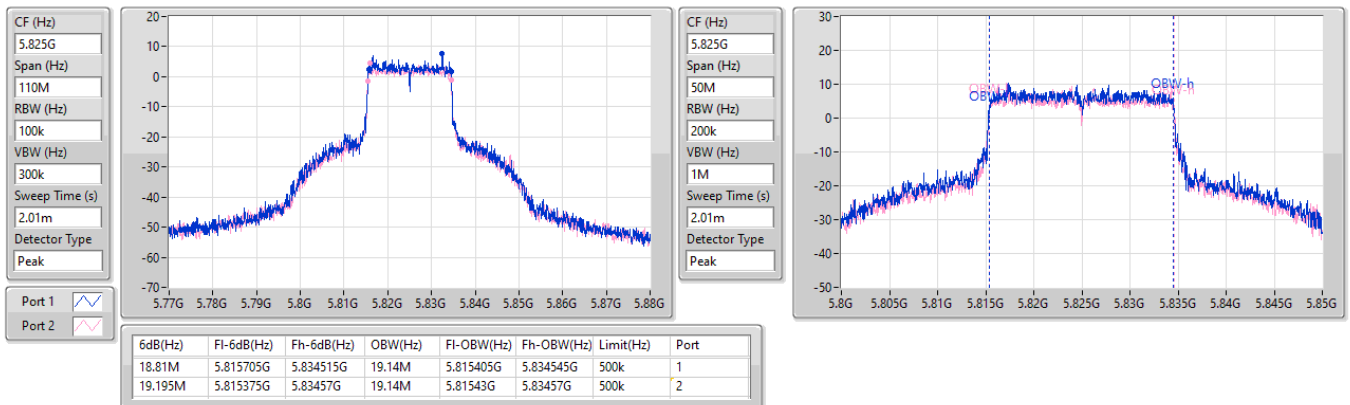


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

17/04/2025

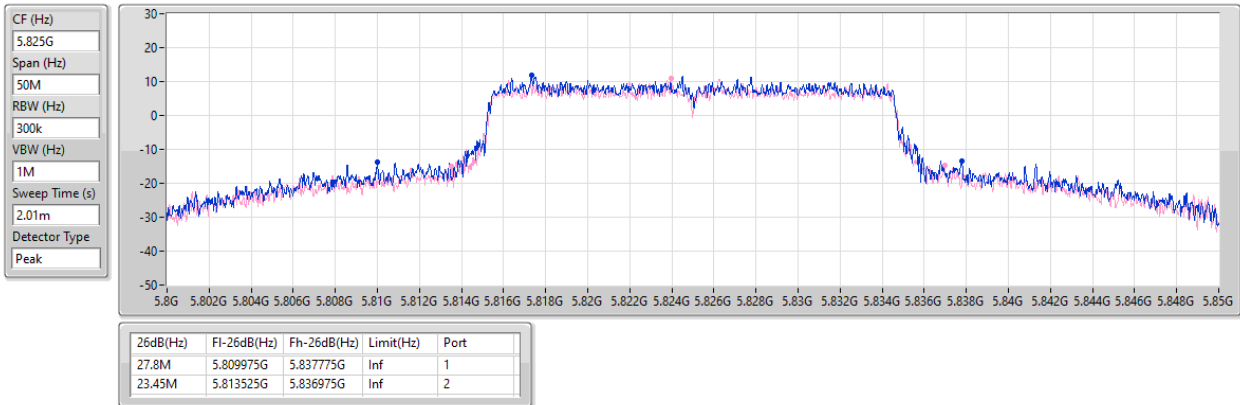


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

17/04/2025

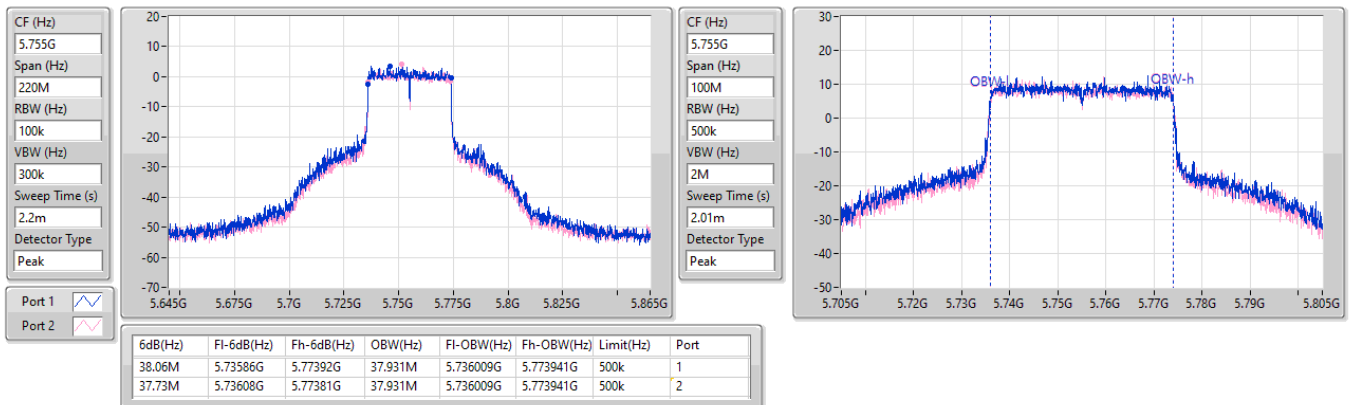


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

17/04/2025

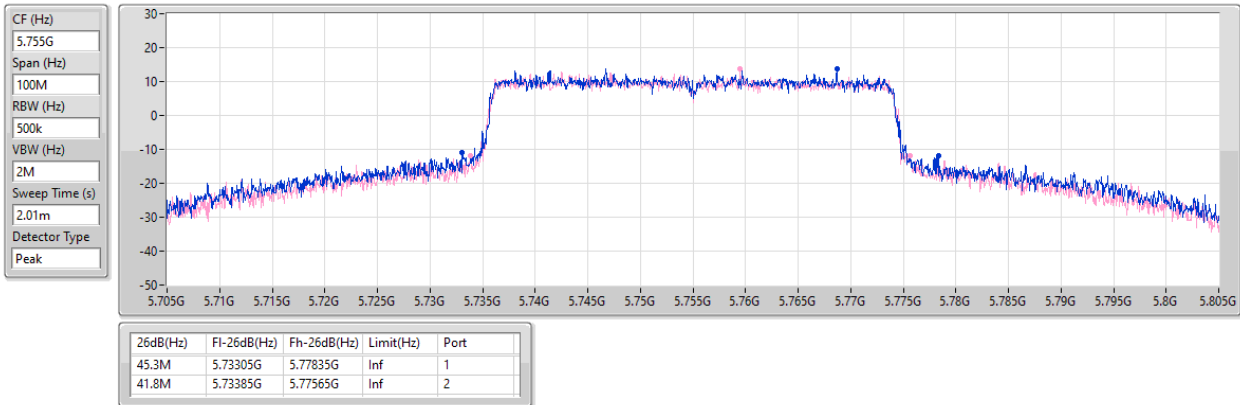


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

17/04/2025

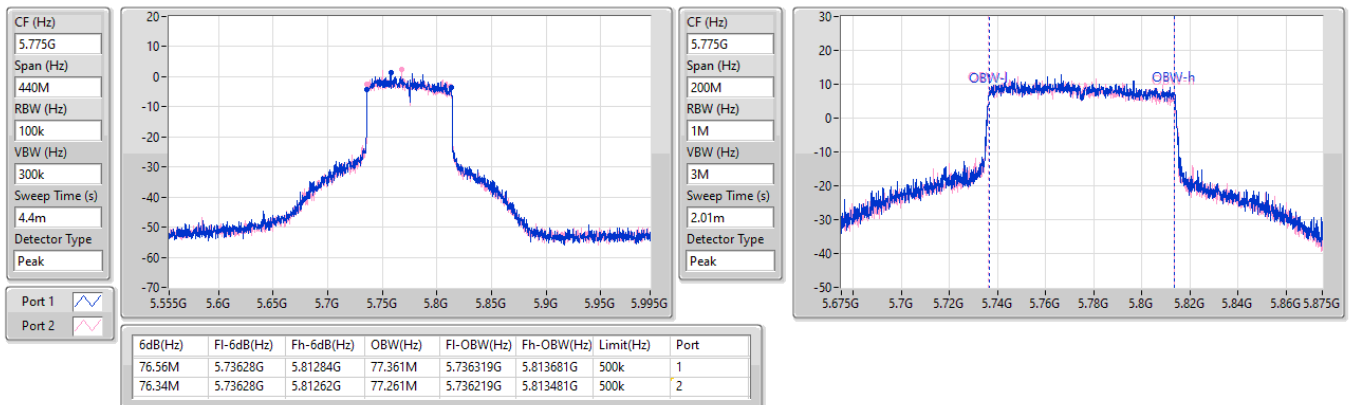


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

17/04/2025





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

EBW

5775MHz

17/04/2025

CF (Hz)
5.775G

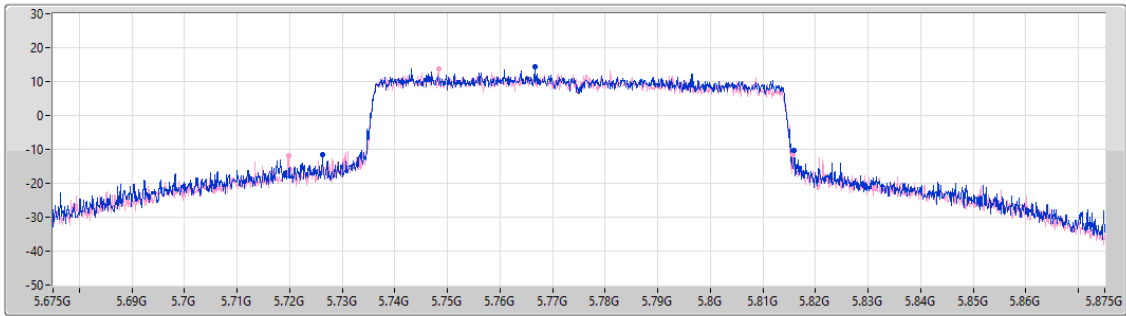
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

Port 2

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
89.8M	5.7262G	5.816G	Inf	1
95.9M	5.7198G	5.8157G	Inf	2



EBW_Non-Beamforming_Radio 2_2T2S_ Outdoor_Peak Gain

Appendix B.11

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	24.75M	19.14M	19M1D1D	21.89M	19.065M
802.11be EHT40_Nss2,(MCS0)_2TX	47.3M	37.881M	37M9D1D	40.04M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	88.88M	77.361M	77M4D1D	86.68M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	80.56M	77.241M	77M2D1D	80.56M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.595M	19.14M	19M1D1D	21.615M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	43.45M	37.831M	37M8D1D	40.7M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	85.58M	77.261M	77M3D1D	83.82M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	81.44M	77.401M	77M4D1D	80.88M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.775M	19.19M	19M2D1D	16.275M	14.498M
802.11be EHT40_Nss2,(MCS0)_2TX	43.45M	37.881M	37M9D1D	35.42M	33.758M
802.11be EHT80_Nss2,(MCS0)_2TX	89.76M	77.461M	77M5D1D	75.975M	73.238M
802.11be EHT160_Nss2,(MCS0)_2TX	163.24M	156.322M	156MD1D	162.8M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.085M	19.315M	19M3D1D	4.52M	5.697M
802.11be EHT40_Nss2,(MCS0)_2TX	37.95M	37.831M	37M8D1D	3.98M	11.174M
802.11be EHT80_Nss2,(MCS0)_2TX	75.9M	77.261M	77M3D1D	3.98M	15.752M

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 Outdoor_Peak Gain

Appendix B.11

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.44M	19.115M	23.815M	19.14M
5200MHz	Pass	Inf	24.75M	19.115M	23.87M	19.065M
5240MHz	Pass	Inf	22.99M	19.14M	21.89M	19.09M
5260MHz	Pass	Inf	22.99M	19.14M	23.595M	19.04M
5300MHz	Pass	Inf	22.165M	19.09M	21.615M	19.14M
5320MHz	Pass	Inf	22.935M	19.09M	22.385M	19.09M
5500MHz	Pass	Inf	23.925M	19.115M	25.355M	19.165M
5580MHz	Pass	Inf	26.455M	19.19M	27.775M	19.165M
5700MHz	Pass	Inf	21.01M	19.09M	21.505M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.5M	14.513M	16.275M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.697M	4.52M	5.857M
5745MHz	Pass	500k	18.975M	19.315M	18.81M	19.14M
5785MHz	Pass	500k	19.03M	19.24M	19.085M	19.14M
5825MHz	Pass	500k	19.085M	19.115M	19.085M	19.09M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.14M	37.881M	47.3M	37.831M
5230MHz	Pass	Inf	40.04M	37.831M	41.47M	37.831M
5270MHz	Pass	Inf	42.24M	37.781M	40.7M	37.831M
5310MHz	Pass	Inf	43.45M	37.831M	41.8M	37.831M
5510MHz	Pass	Inf	41.47M	37.781M	43.45M	37.831M
5550MHz	Pass	Inf	42.02M	37.881M	42.68M	37.881M
5670MHz	Pass	Inf	42.24M	37.881M	41.47M	37.881M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.758M	36.68M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	11.614M	3.98M	11.174M
5755MHz	Pass	500k	35.97M	37.831M	37.51M	37.831M
5795MHz	Pass	500k	37.95M	37.781M	37.4M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	88.88M	77.261M	86.68M	77.361M
5290MHz	Pass	Inf	83.82M	77.261M	85.58M	77.161M
5530MHz	Pass	Inf	89.76M	77.361M	84.26M	77.261M
5610MHz	Pass	Inf	86.68M	77.261M	86.02M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.238M	76.425M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	15.752M	4.04M	17.091M
5775MHz	Pass	500k	74.8M	77.261M	75.9M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.241M	80.56M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.44M	77.401M	80.88M	77.161M
5570MHz	Pass	Inf	162.8M	156.322M	163.24M	156.122M

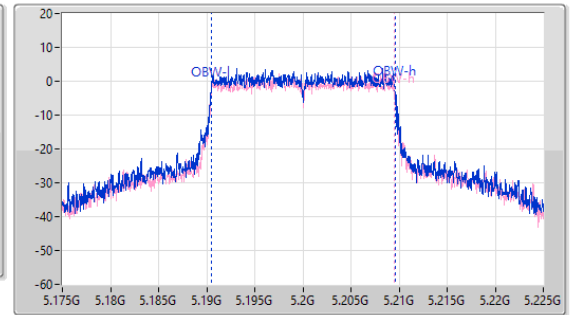
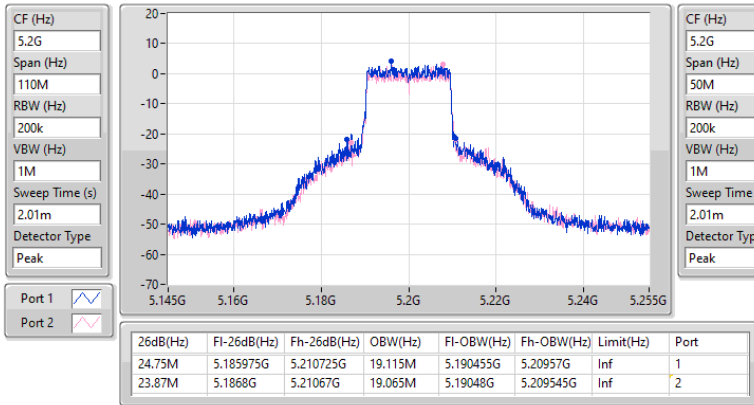
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

18/04/2025

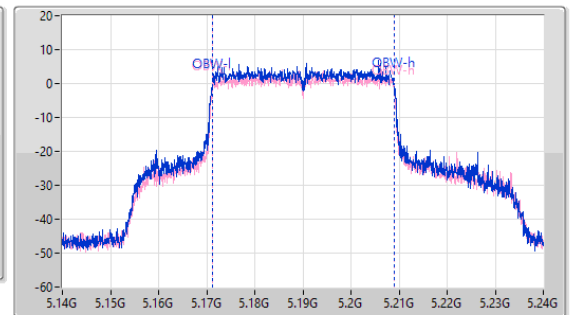
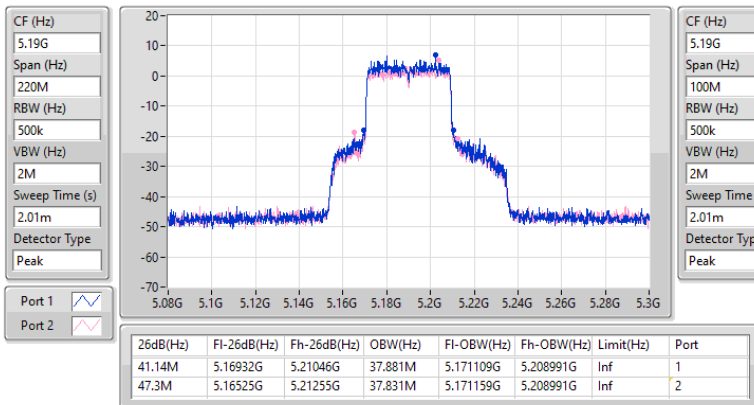


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

18/04/2025

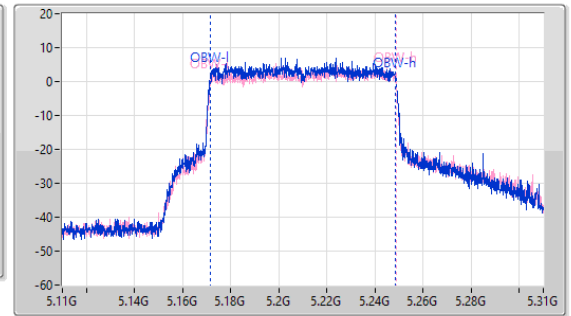
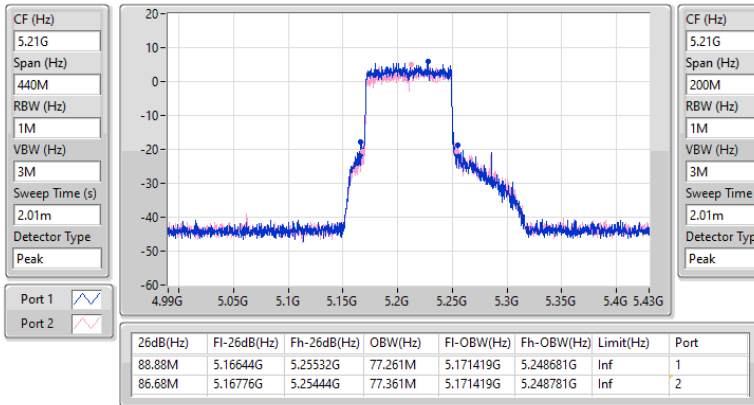


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

18/04/2025

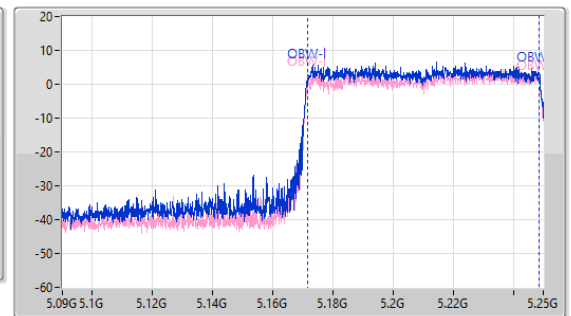
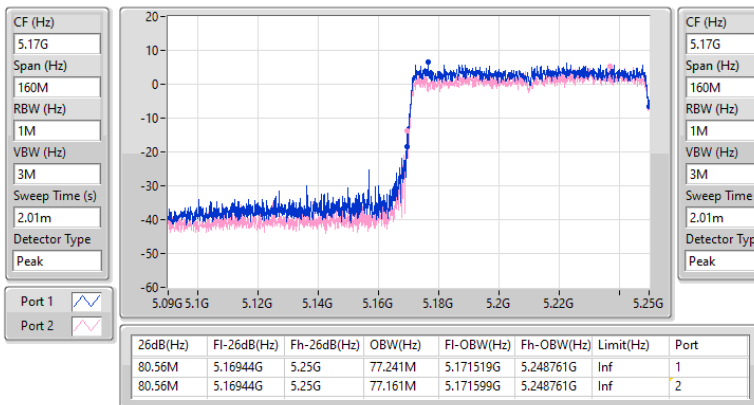


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

17/04/2025

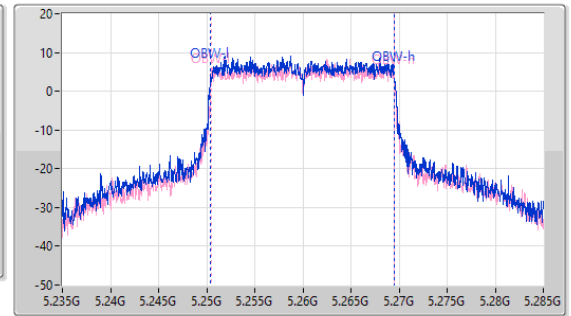
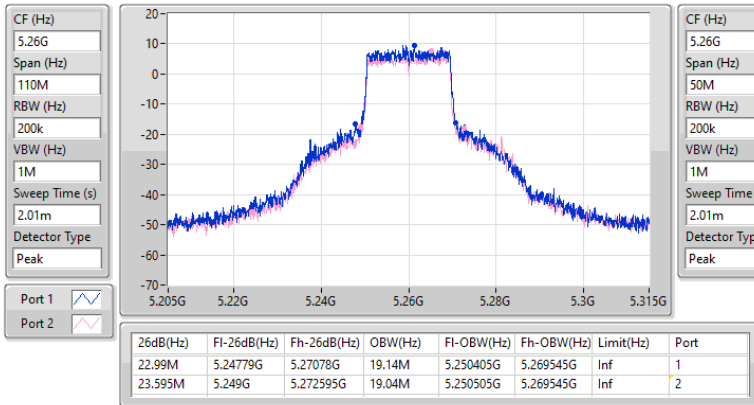


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

17/04/2025

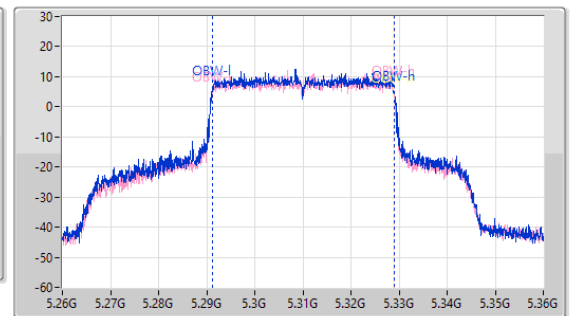
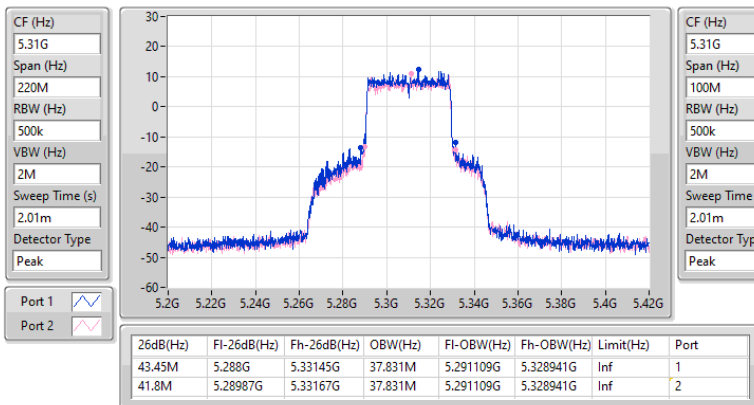


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

17/04/2025

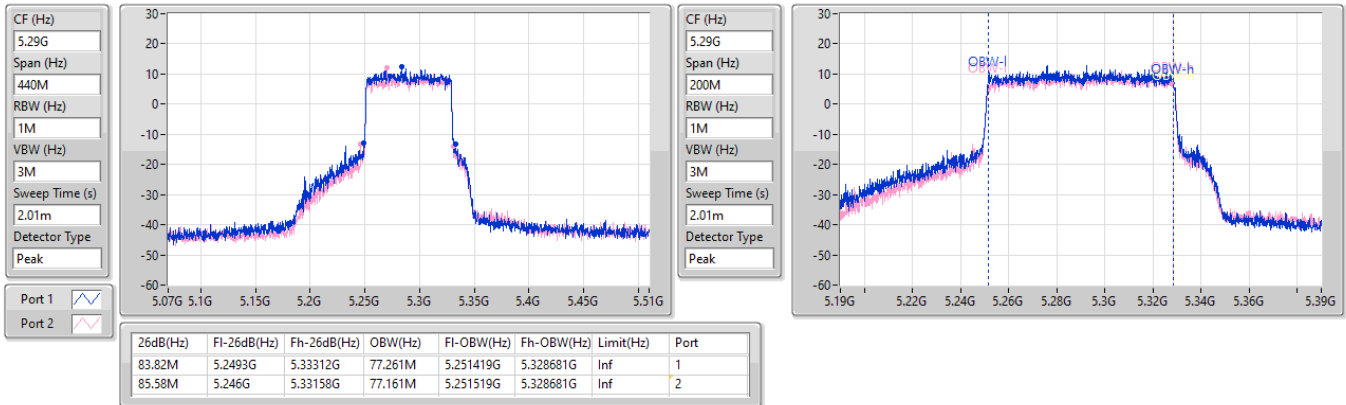


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

17/04/2025

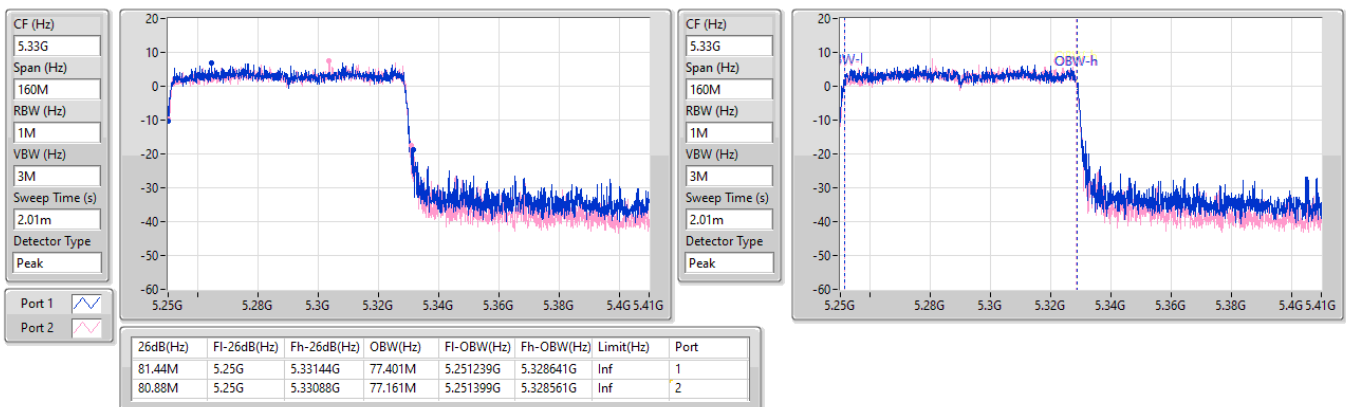


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/04/2025

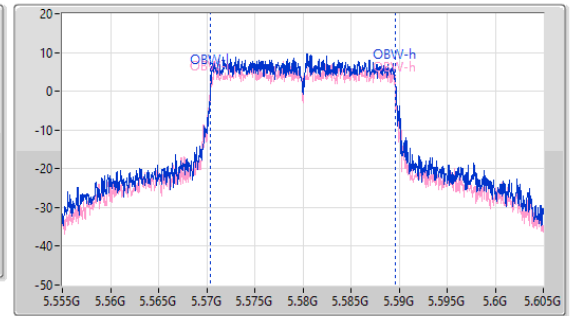
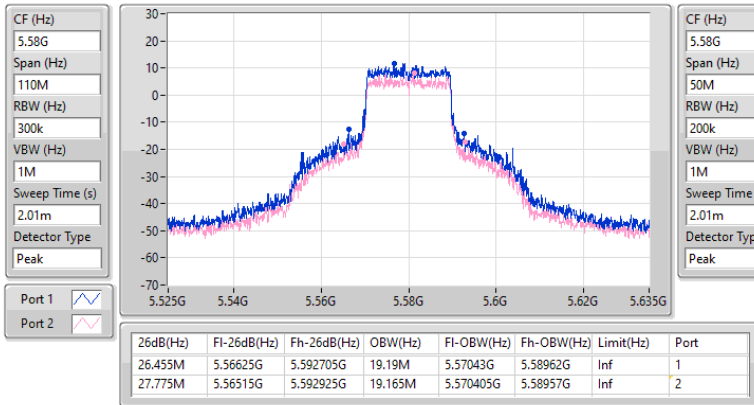


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

17/04/2025

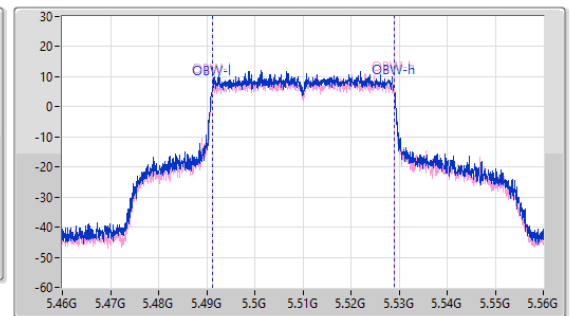
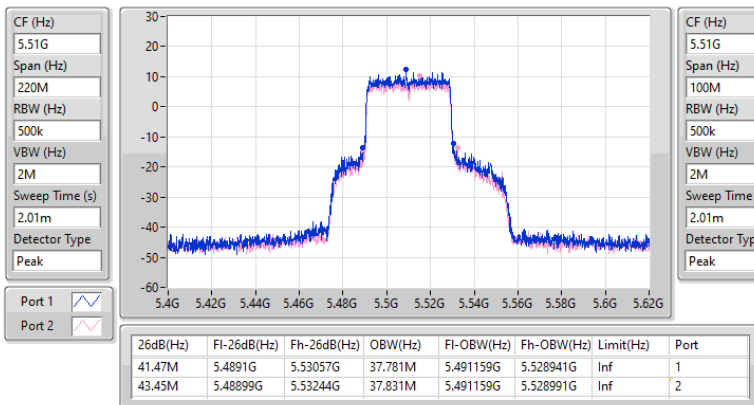


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

17/04/2025

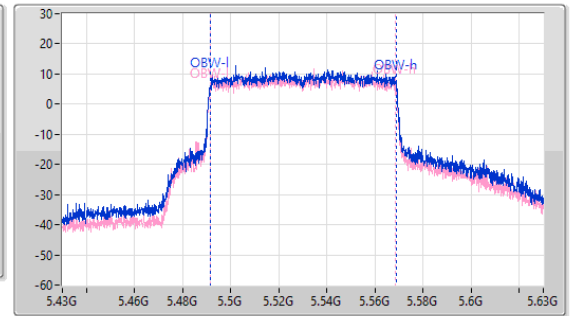
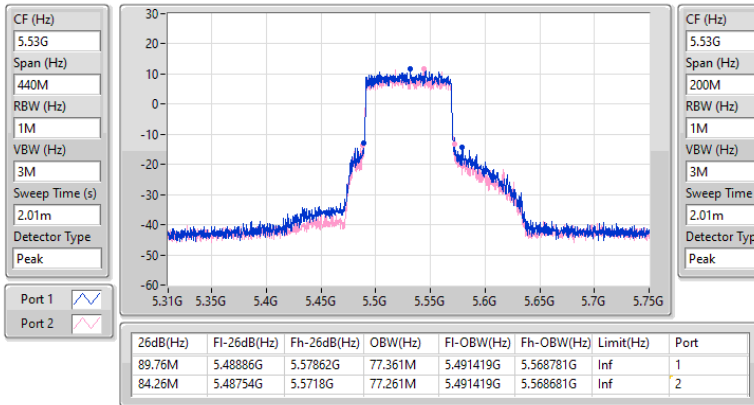


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

17/04/2025

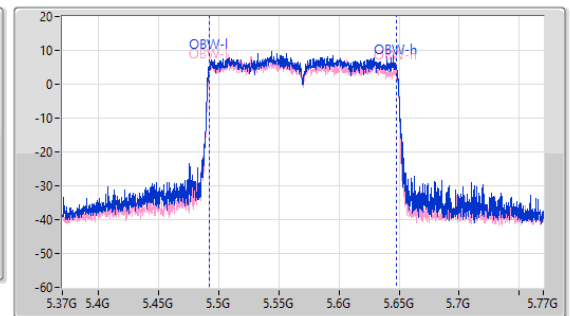
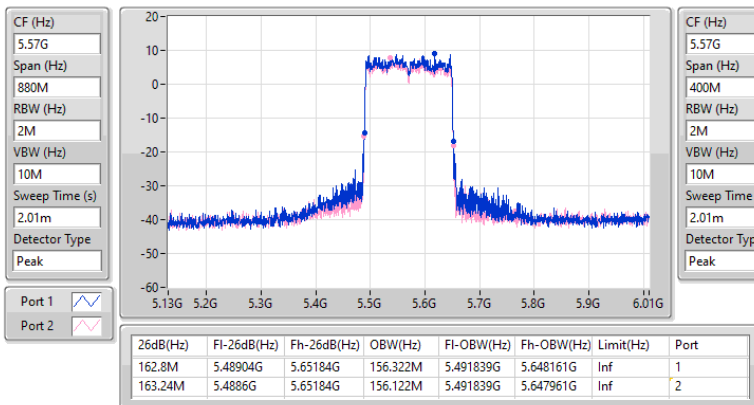


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

17/04/2025

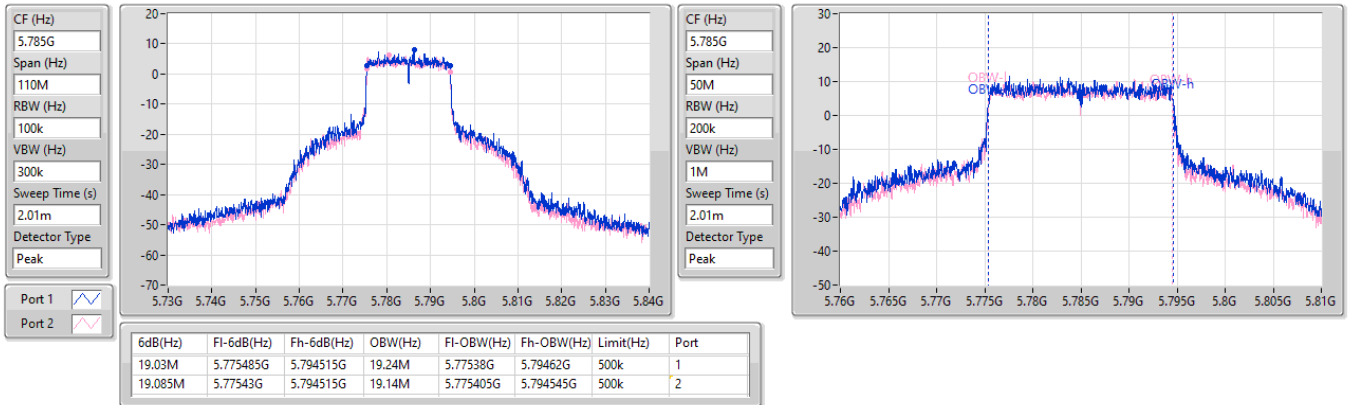


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5785MHz

17/04/2025

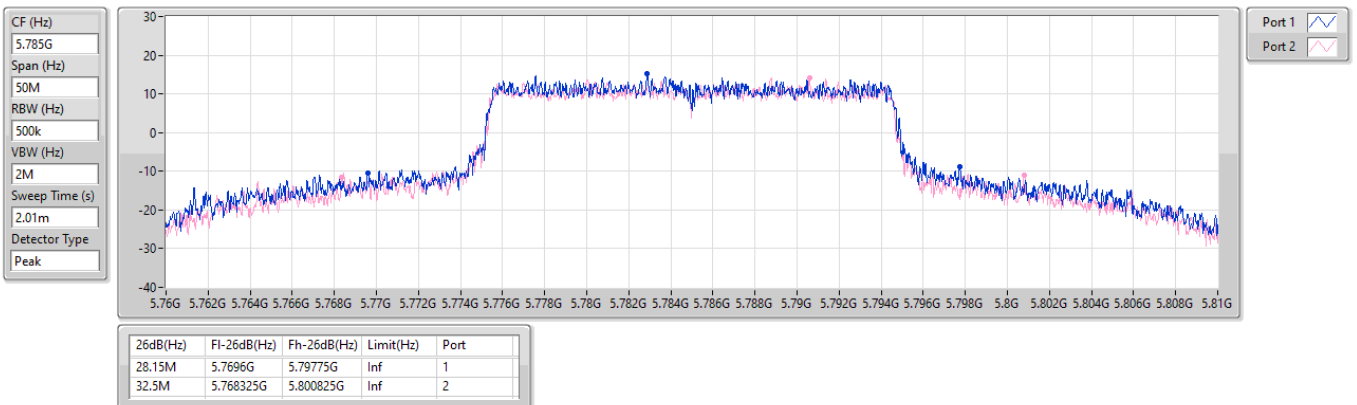


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5785MHz

17/04/2025

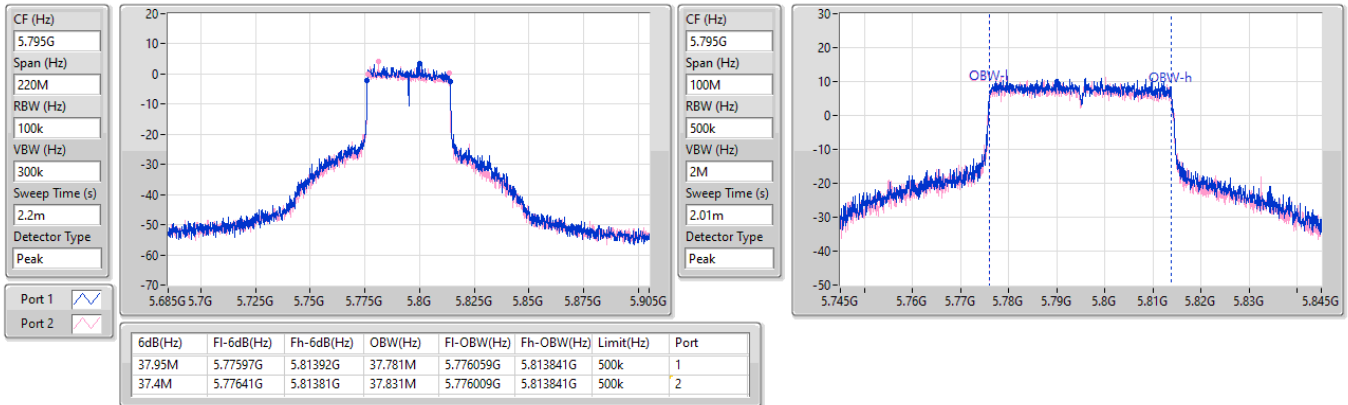


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5795MHz

17/04/2025

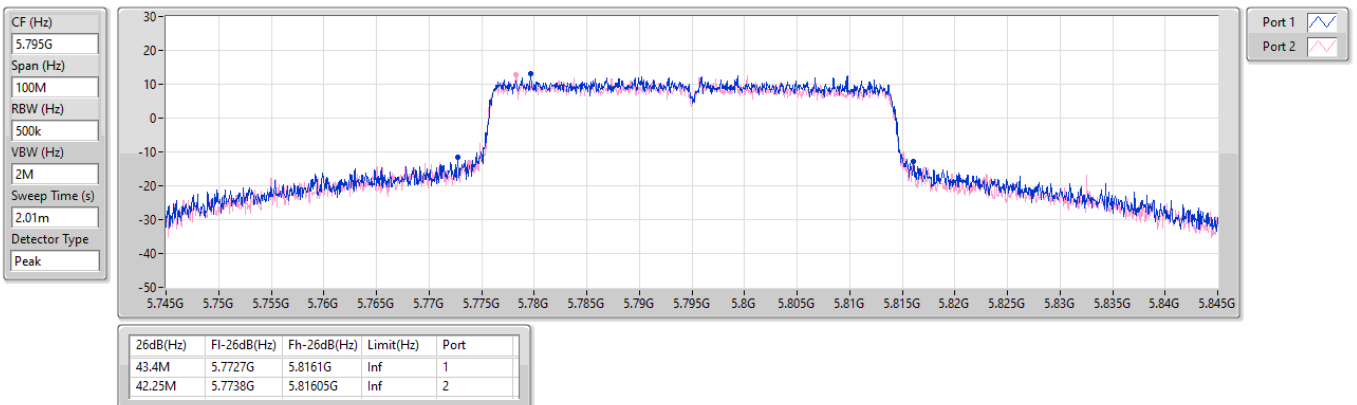


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5795MHz

17/04/2025

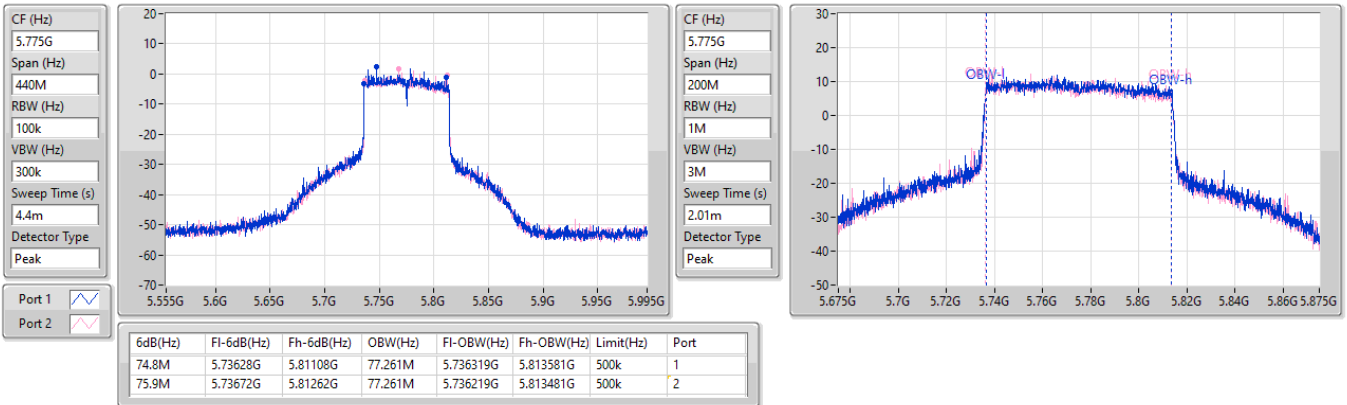


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

17/04/2025

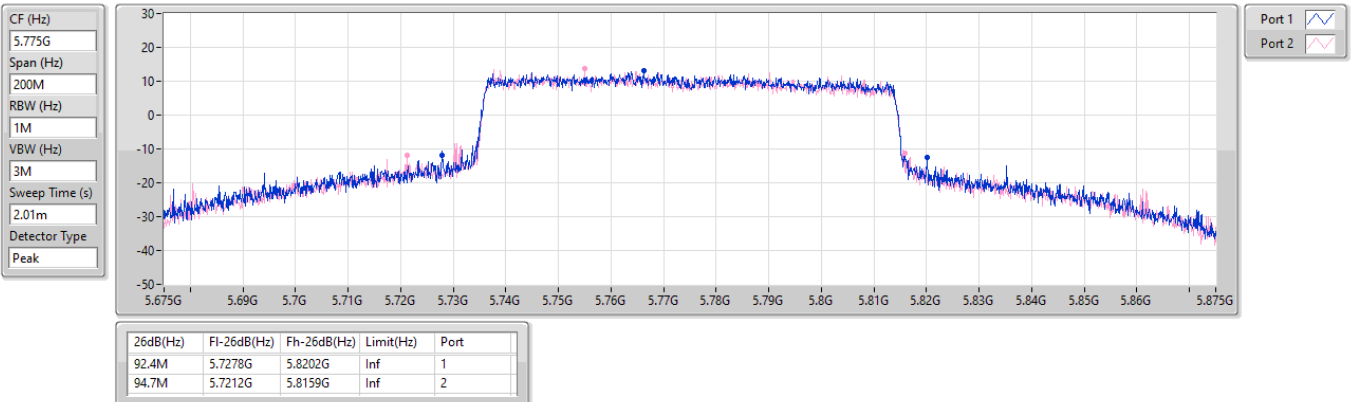


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

17/04/2025





EBW_Non-Beamforming_Radio 3_1T1S_ ***Outdoor_Peak Gain***

Appendix B.12

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	22.055M	16.866M	16M9D1D	21.23M	16.822M
802.11be EHT20_Nss1,(MCS0)_1TX	23.815M	19.165M	19M2D1D	21.89M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	46.53M	37.831M	37M8D1D	40.81M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	82.5M	77.261M	77M3D1D	82.5M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.385M	16.932M	16M9D1D	21.615M	16.91M
802.11be EHT20_Nss1,(MCS0)_1TX	26.07M	19.165M	19M2D1D	21.67M	19.09M
802.11be EHT40_Nss1,(MCS0)_1TX	45.32M	37.881M	37M9D1D	43.34M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	86.24M	77.161M	77M2D1D	86.24M	77.161M

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
Outdoor_Peak Gain

Appendix B.12

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.23M	16.822M
5200MHz	Pass	Inf	22.055M	16.866M
5240MHz	Pass	Inf	21.285M	16.866M
5260MHz	Pass	Inf	22.385M	16.91M
5300MHz	Pass	Inf	21.67M	16.932M
5320MHz	Pass	Inf	21.615M	16.932M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	23.705M	19.065M
5200MHz	Pass	Inf	23.815M	19.115M
5240MHz	Pass	Inf	21.89M	19.165M
5260MHz	Pass	Inf	21.67M	19.165M
5300MHz	Pass	Inf	25.355M	19.09M
5320MHz	Pass	Inf	26.07M	19.115M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	46.53M	37.831M
5230MHz	Pass	Inf	40.81M	37.781M
5270MHz	Pass	Inf	43.34M	37.781M
5310MHz	Pass	Inf	45.32M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.5M	77.261M
5290MHz	Pass	Inf	86.24M	77.161M

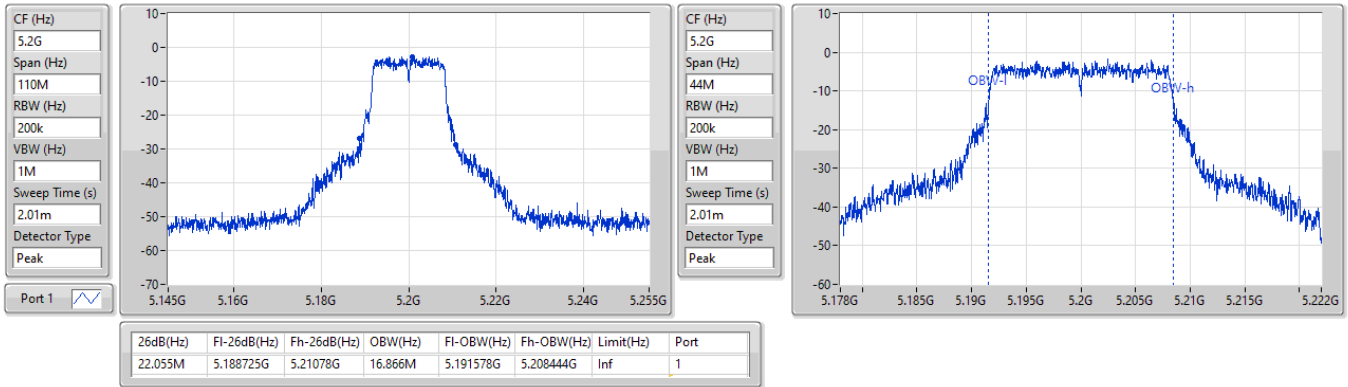
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

18/04/2025

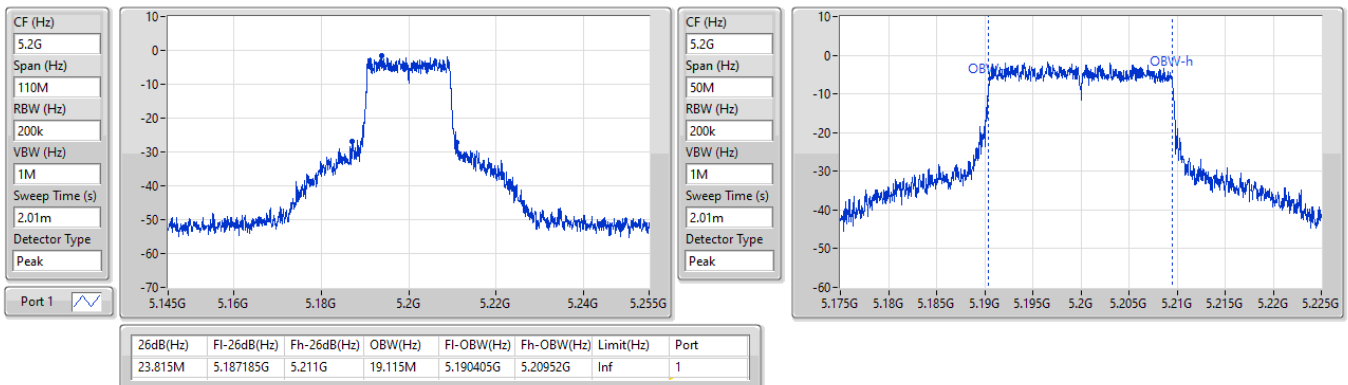


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

18/04/2025

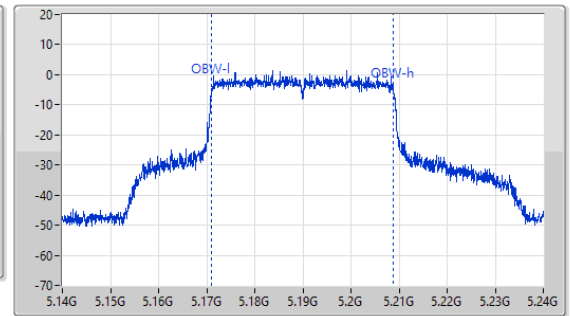
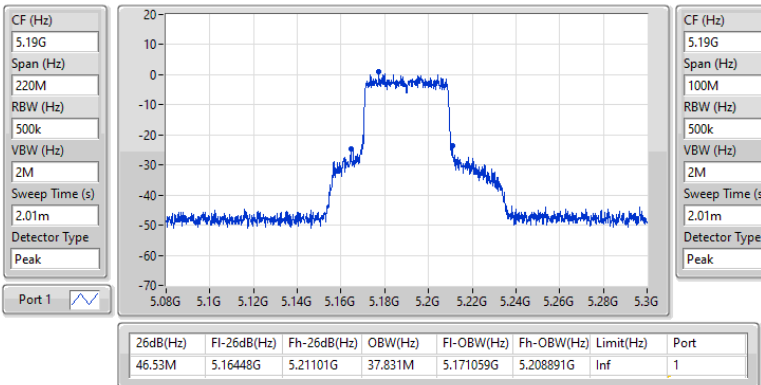


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

18/04/2025

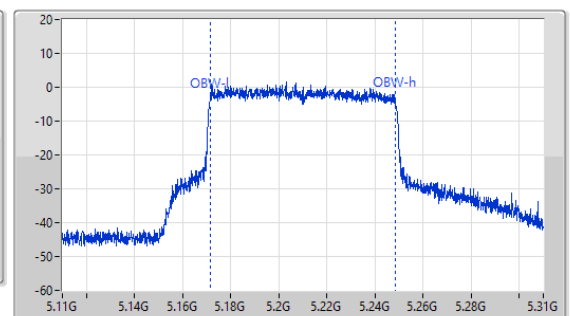
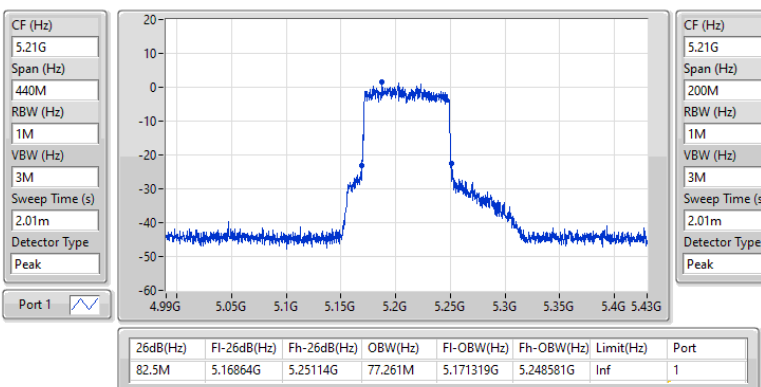


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

19/04/2025

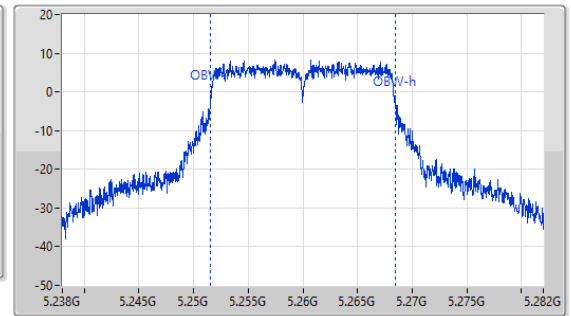
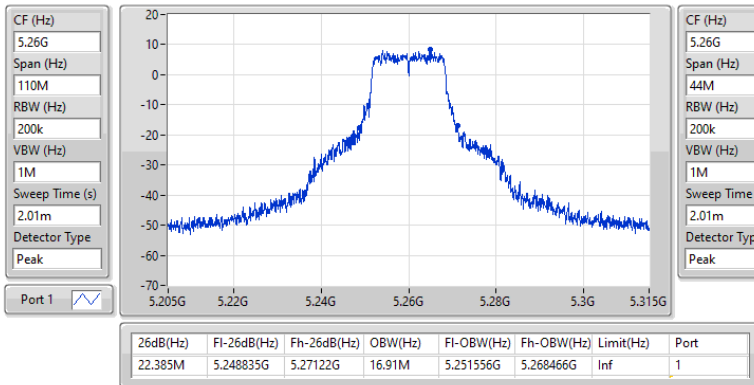


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

17/04/2025

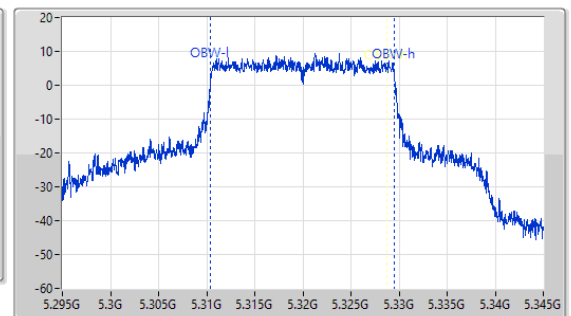
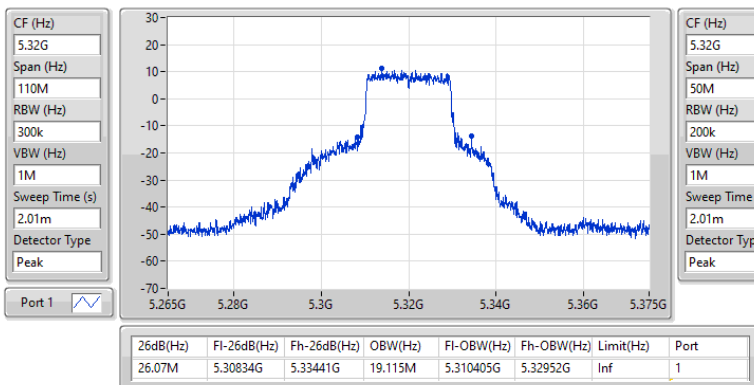


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

17/04/2025

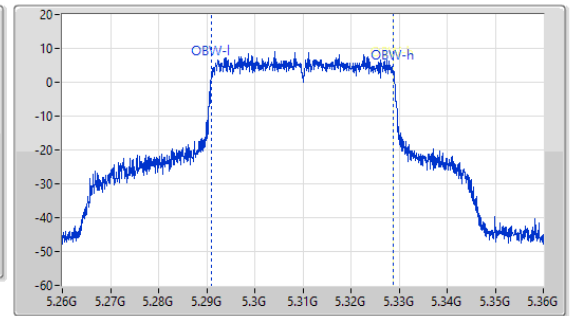
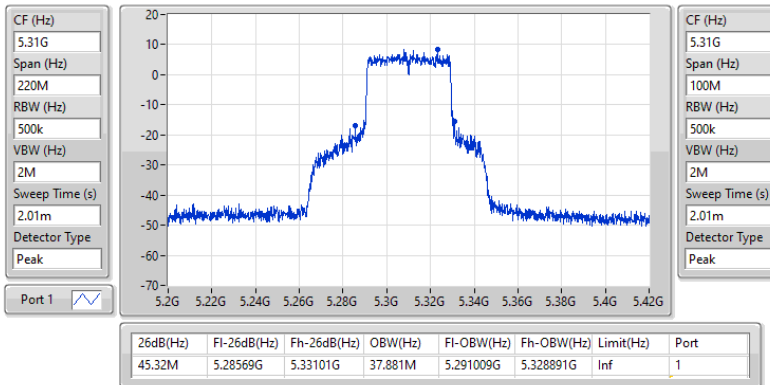


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

18/04/2025

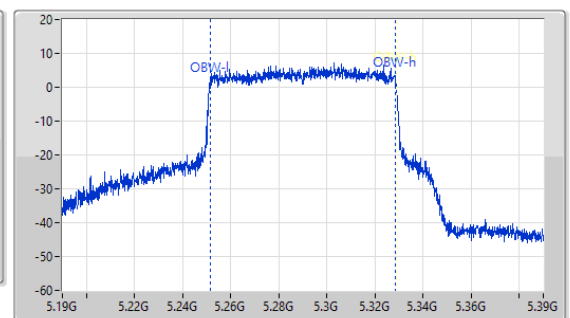
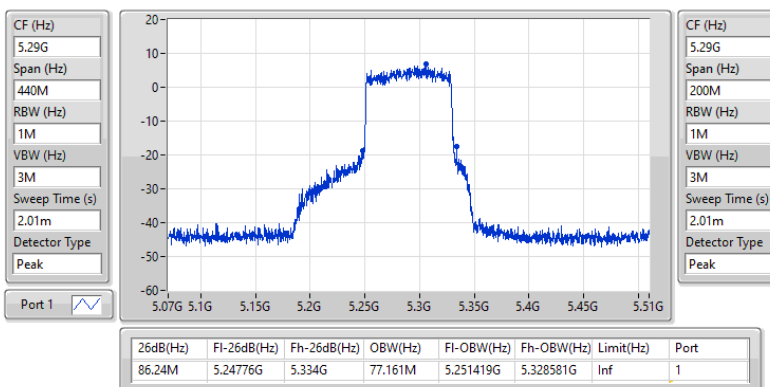


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

18/04/2025





EBW_Non-Beamforming_Radio 3_2T1S_ ***Outdoor_Peak Gain***

Appendix B.13

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	24.42M	16.954M	17M0D1D	21.395M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX	23.595M	19.19M	19M2D1D	21.45M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	44.44M	37.931M	37M9D1D	40.37M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	94.38M	77.361M	77M4D1D	83.82M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.035M	16.888M	16M9D1D	21.45M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	28.325M	19.14M	19M1D1D	21.505M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	51.37M	37.931M	37M9D1D	41.36M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	86.24M	77.261M	77M3D1D	81.4M	77.161M

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 Outdoor_Peak Gain

Appendix B.13

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	24.42M	16.844M	22.66M	16.954M
5200MHz	Pass	Inf	21.89M	16.756M	21.615M	16.91M
5240MHz	Pass	Inf	22.44M	16.734M	21.395M	16.932M
5260MHz	Pass	Inf	21.78M	16.888M	21.45M	16.822M
5300MHz	Pass	Inf	21.45M	16.844M	24.035M	16.822M
5320MHz	Pass	Inf	21.56M	16.866M	22.055M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.78M	19.065M	22.88M	19.115M
5200MHz	Pass	Inf	22.055M	19.14M	21.45M	19.14M
5240MHz	Pass	Inf	22.605M	19.19M	23.595M	19.09M
5260MHz	Pass	Inf	24.53M	19.09M	28.325M	19.14M
5300MHz	Pass	Inf	21.505M	19.115M	22.605M	19.14M
5320MHz	Pass	Inf	25.245M	19.04M	22.495M	19.09M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.35M	37.931M	43.01M	37.931M
5230MHz	Pass	Inf	40.37M	37.781M	44.44M	37.831M
5270MHz	Pass	Inf	51.37M	37.881M	41.91M	37.931M
5310MHz	Pass	Inf	41.47M	37.831M	41.36M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	94.38M	77.361M	83.82M	77.361M
5290MHz	Pass	Inf	81.4M	77.261M	86.24M	77.161M

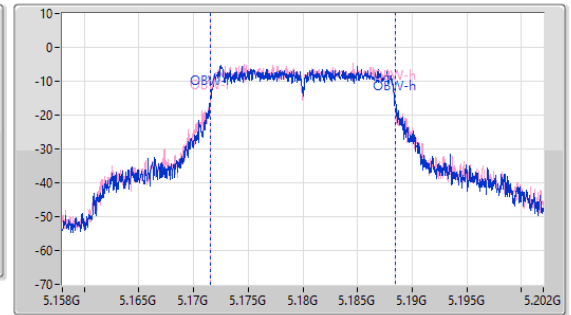
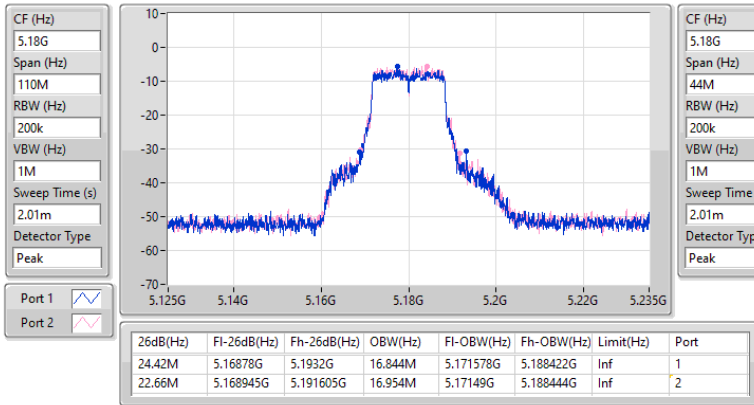
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

19/04/2025

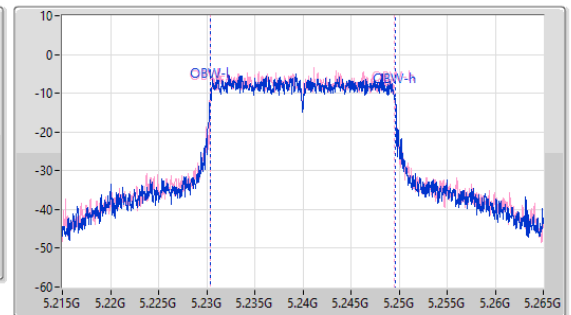
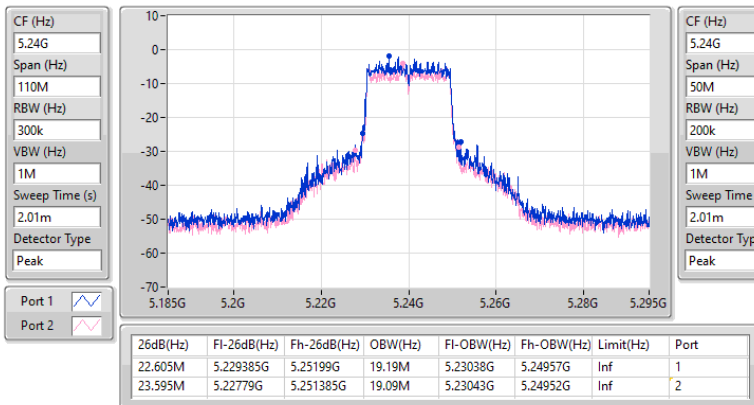


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5240MHz

19/04/2025

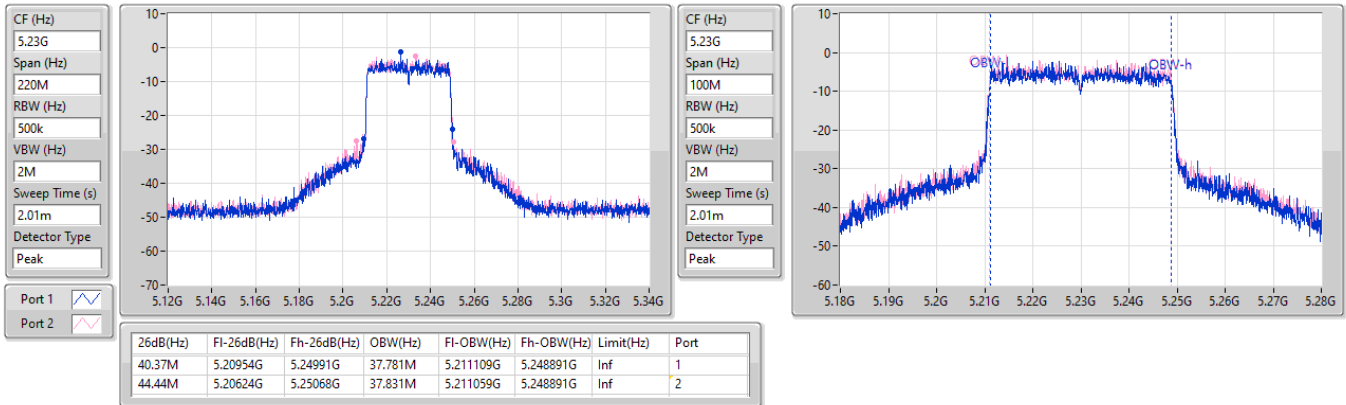


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

19/04/2025

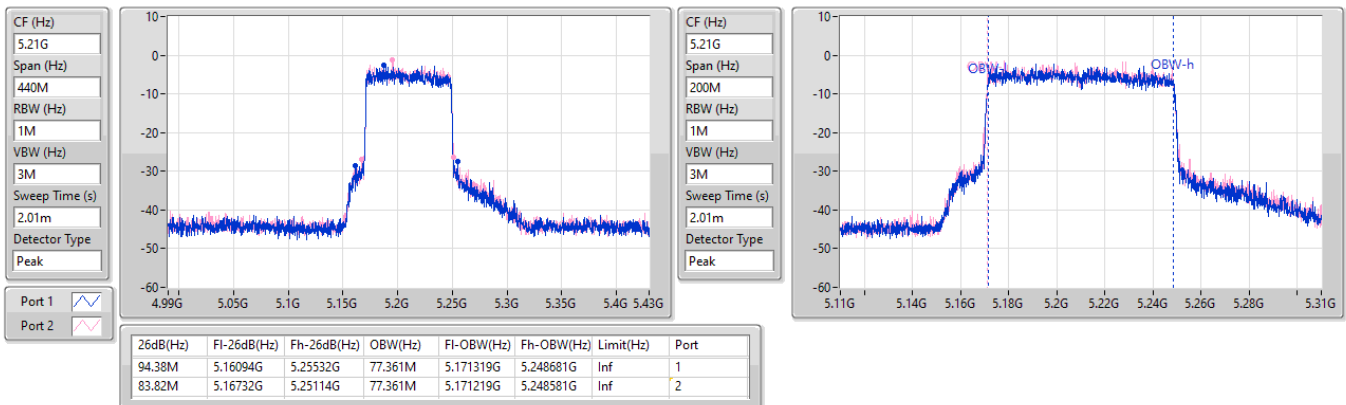


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

19/04/2025

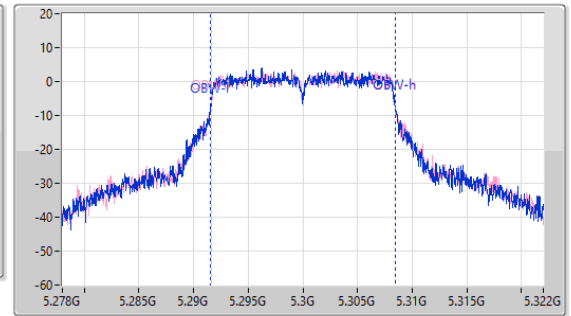
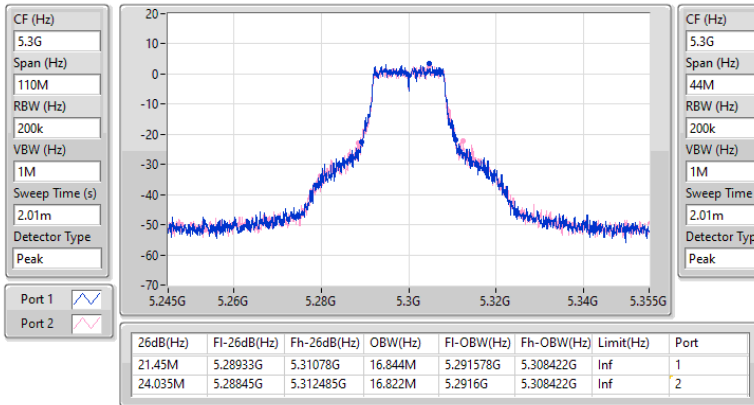


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

18/04/2025

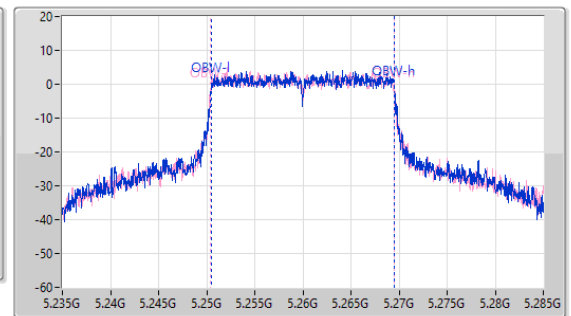
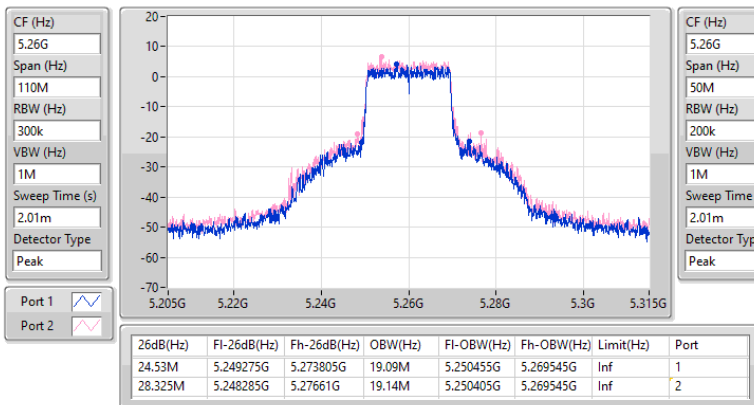


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

18/04/2025

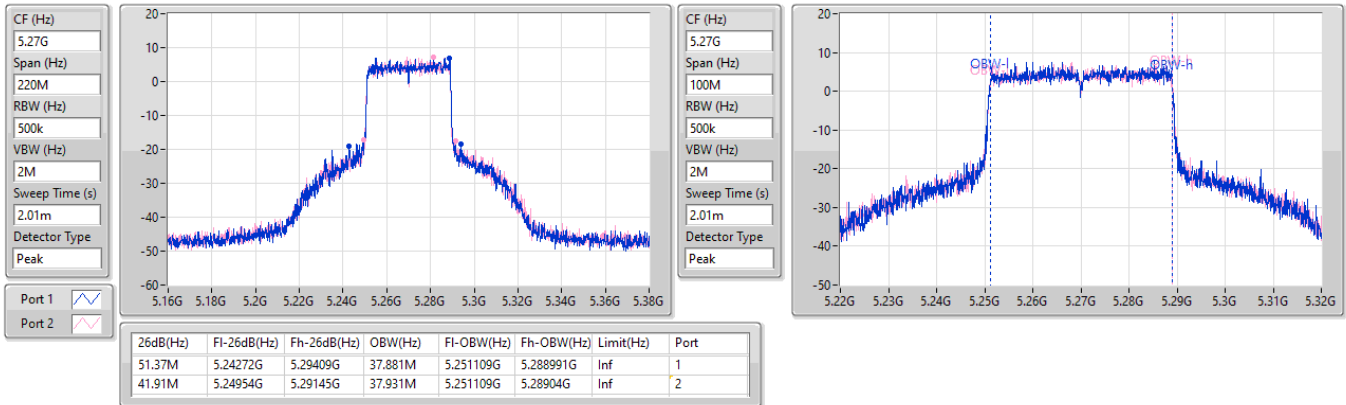


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

18/04/2025

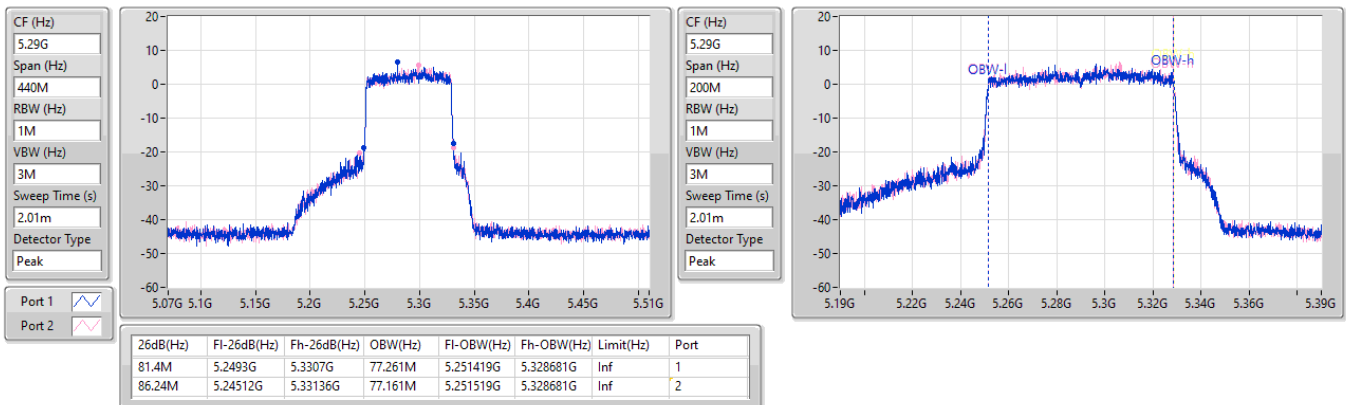


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

18/04/2025





EBW_Non-Beamforming_Radio 3_2T2S_ ***Outdoor_Peak Gain***

Appendix B.14

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	27.225M	19.165M	19M2D1D	20.9M	19.065M
802.11be EHT40_Nss2,(MCS0)_2TX	48.84M	37.931M	37M9D1D	40.37M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	91.52M	77.461M	77M5D1D	85.8M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.54M	19.115M	19M1D1D	21.285M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	42.35M	37.881M	37M9D1D	40.92M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	81.4M	77.361M	77M4D1D	80.52M	77.161M

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_ Outdoor_Peak Gain

Appendix B.14

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	27.225M	19.065M	24.42M	19.065M
5200MHz	Pass	Inf	21.395M	19.065M	20.9M	19.165M
5240MHz	Pass	Inf	23.98M	19.09M	21.89M	19.09M
5260MHz	Pass	Inf	21.285M	19.09M	21.395M	19.115M
5300MHz	Pass	Inf	22.275M	19.09M	23.54M	19.04M
5320MHz	Pass	Inf	21.45M	19.04M	22.99M	19.115M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.831M	42.46M	37.931M
5230MHz	Pass	Inf	40.37M	37.831M	48.84M	37.831M
5270MHz	Pass	Inf	42.35M	37.831M	40.92M	37.881M
5310MHz	Pass	Inf	41.03M	37.731M	41.58M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	91.52M	77.261M	85.8M	77.461M
5290MHz	Pass	Inf	81.4M	77.161M	80.52M	77.361M

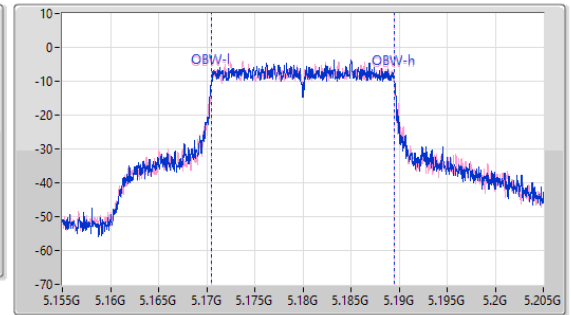
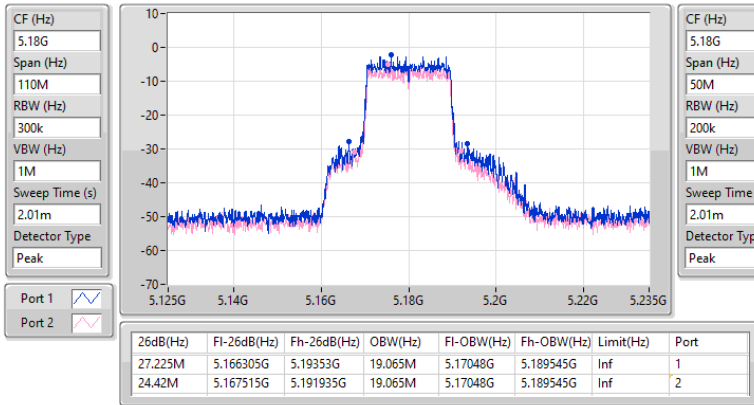
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

19/04/2025

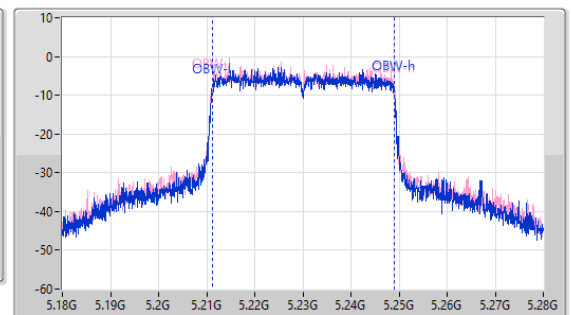
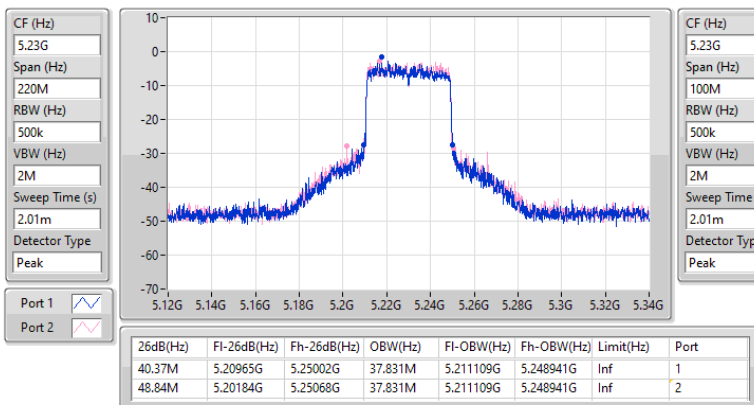


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5230MHz

19/04/2025

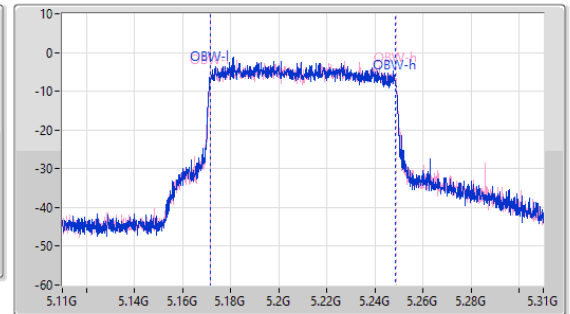
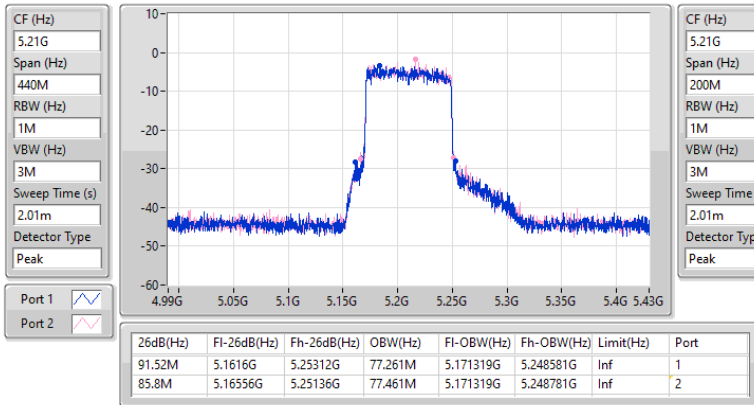


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

19/04/2025

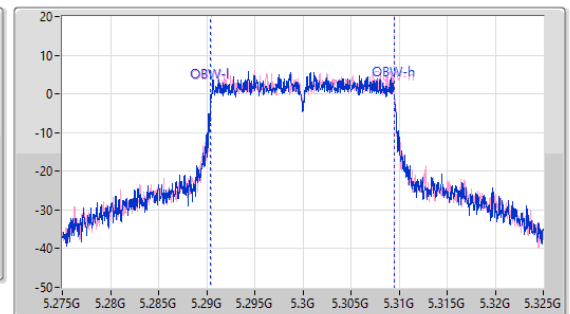
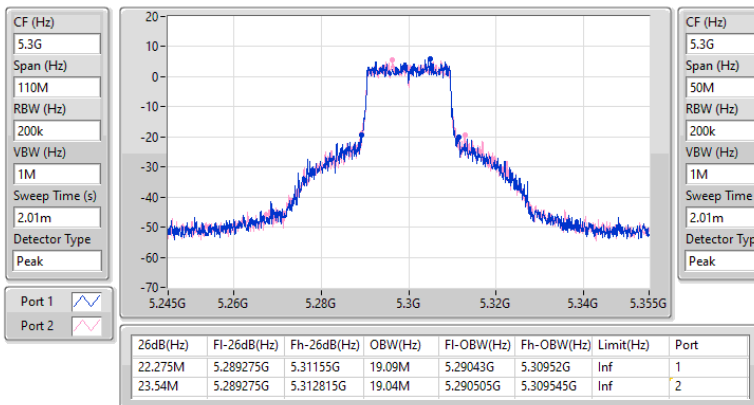


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5300MHz

18/04/2025

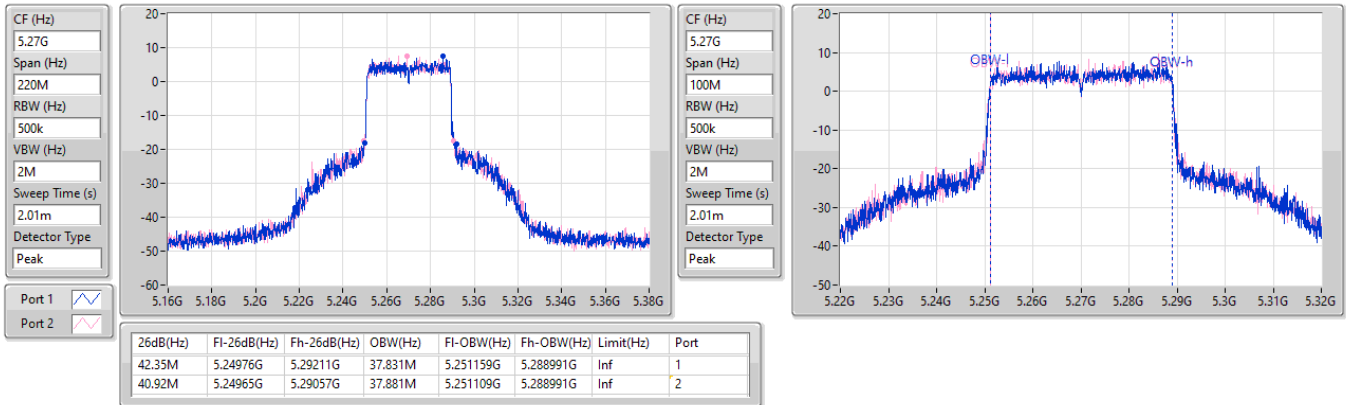


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5270MHz

18/04/2025

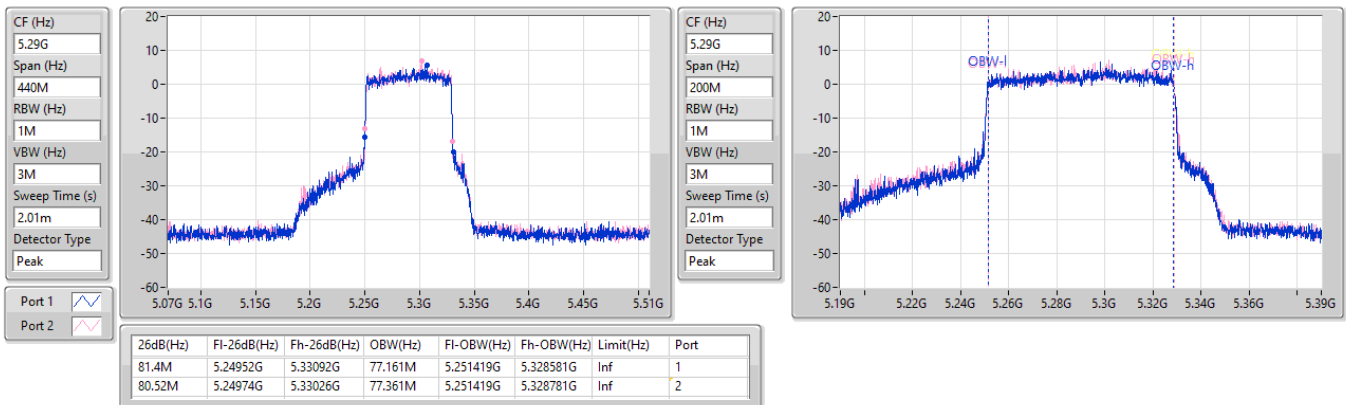


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

18/04/2025





EBW_Non-Beamforming_Radio 2_1T1S Outdoor_30 Degree Gain

Appendix B.15

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	21.67M	16.888M	16M9D1D	21.23M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	27.665M	19.09M	19M1D1D	21.395M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	41.47M	37.881M	37M9D1D	41.25M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	83.82M	77.361M	77M4D1D	83.82M	77.361M
802.11be EHT160_Nss1,(MCS0)_1TX	80.64M	77.241M	77M2D1D	80.64M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.89M	16.888M	16M9D1D	21.285M	16.866M
802.11be EHT20_Nss1,(MCS0)_1TX	26.455M	19.165M	19M2D1D	24.035M	19.065M
802.11be EHT40_Nss1,(MCS0)_1TX	47.74M	37.931M	37M9D1D	40.37M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX	99.22M	77.161M	77M2D1D	99.22M	77.161M
802.11be EHT160_Nss1,(MCS0)_1TX	80.8M	77.241M	77M2D1D	80.8M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.11M	16.91M	16M9D1D	16.02M	13.538M
802.11be EHT20_Nss1,(MCS0)_1TX	27.28M	19.115M	19M1D1D	19.38M	14.558M
802.11be EHT40_Nss1,(MCS0)_1TX	42.68M	37.881M	37M9D1D	38.99M	33.758M
802.11be EHT80_Nss1,(MCS0)_1TX	83.6M	77.461M	77M5D1D	76.05M	73.238M
802.11be EHT160_Nss1,(MCS0)_1TX	162.8M	156.122M	156MD1D	162.8M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	17.591M	17M6D1D	3.28M	5.197M
802.11be EHT20_Nss1,(MCS0)_1TX	19.14M	19.315M	19M3D1D	4.52M	6.117M
802.11be EHT40_Nss1,(MCS0)_1TX	37.95M	37.881M	37M9D1D	4.04M	12.034M
802.11be EHT80_Nss1,(MCS0)_1TX	70.84M	77.261M	77M3D1D	4.04M	16.052M

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
Outdoor_30 Degree Gain

Appendix B.15

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.67M	16.888M
5200MHz	Pass	Inf	21.23M	16.866M
5240MHz	Pass	Inf	21.23M	16.866M
5260MHz	Pass	Inf	21.285M	16.866M
5300MHz	Pass	Inf	21.45M	16.888M
5320MHz	Pass	Inf	21.89M	16.866M
5500MHz	Pass	Inf	21.78M	16.91M
5580MHz	Pass	Inf	22.11M	16.888M
5700MHz	Pass	Inf	21.01M	16.712M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.02M	13.538M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	5.197M
5745MHz	Pass	500k	16.39M	17.591M
5785MHz	Pass	500k	16.5M	17.261M
5825MHz	Pass	500k	16.555M	17.019M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	27.665M	19.09M
5200MHz	Pass	Inf	22.99M	19.09M
5240MHz	Pass	Inf	21.395M	19.04M
5260MHz	Pass	Inf	25.41M	19.065M
5300MHz	Pass	Inf	26.455M	19.09M
5320MHz	Pass	Inf	24.035M	19.165M
5500MHz	Pass	Inf	27.28M	19.115M
5580MHz	Pass	Inf	21.835M	19.09M
5700MHz	Pass	Inf	21.12M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.38M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	6.117M
5745MHz	Pass	500k	19.14M	19.315M
5785MHz	Pass	500k	19.03M	19.215M
5825MHz	Pass	500k	19.03M	19.115M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	41.47M	37.881M
5230MHz	Pass	Inf	41.25M	37.831M
5270MHz	Pass	Inf	40.37M	37.931M
5310MHz	Pass	Inf	47.74M	37.831M
5510MHz	Pass	Inf	42.46M	37.881M
5550MHz	Pass	Inf	42.68M	37.881M
5670MHz	Pass	Inf	40.81M	37.831M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	38.99M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	12.034M
5755MHz	Pass	500k	37.95M	37.881M
5795MHz	Pass	500k	37.62M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	83.82M	77.361M
5290MHz	Pass	Inf	99.22M	77.161M
5530MHz	Pass	Inf	82.28M	77.461M
5610MHz	Pass	Inf	83.6M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	16.052M
5775MHz	Pass	500k	70.84M	77.261M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.8M	77.241M
5570MHz	Pass	Inf	162.8M	156.122M

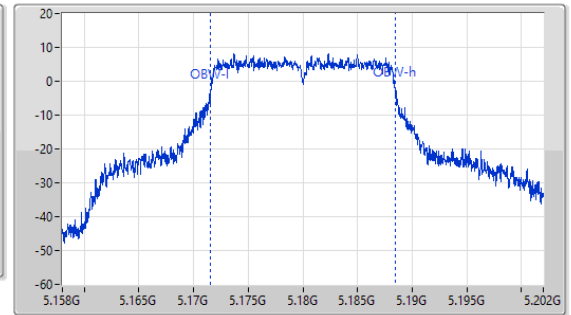
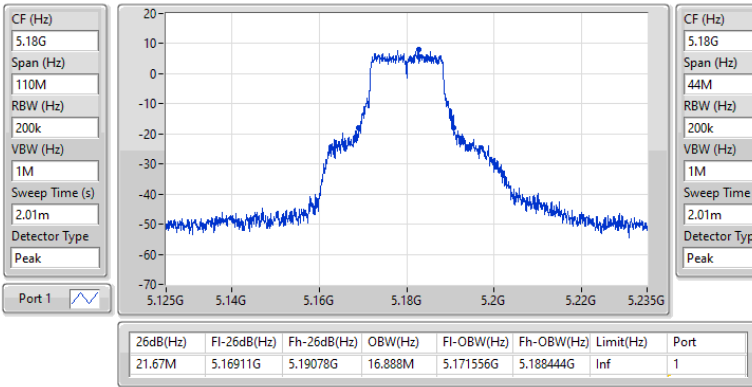
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

18/04/2025

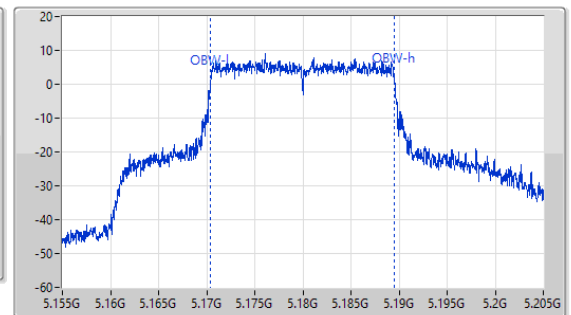
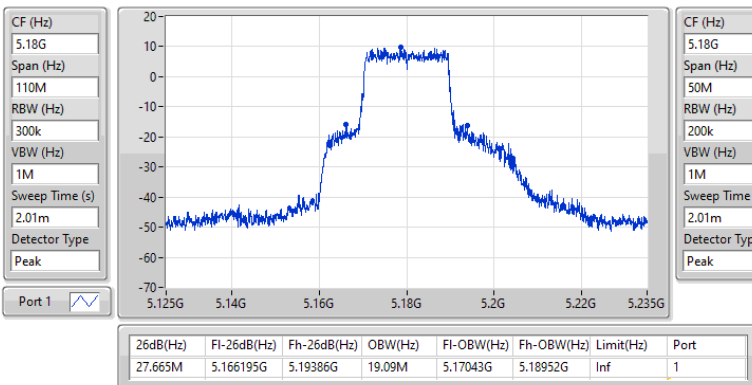


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5180MHz

18/04/2025

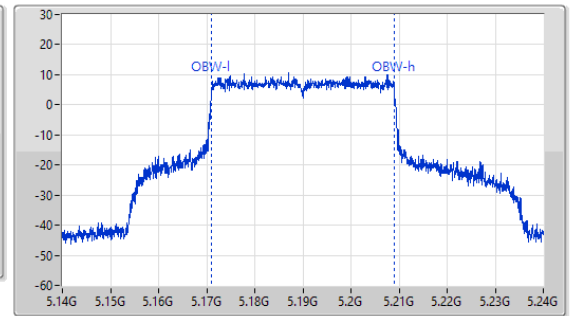
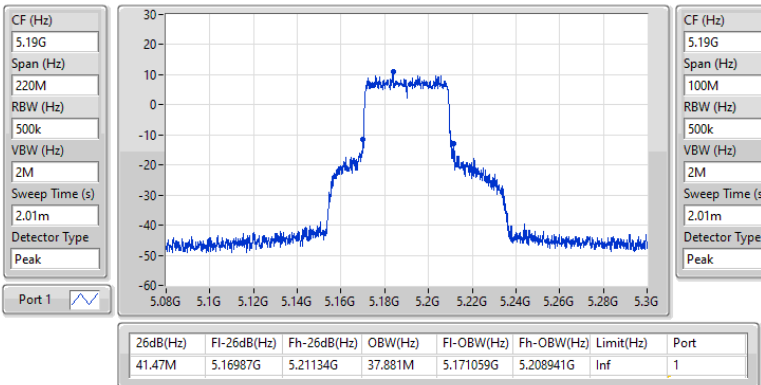


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

18/04/2025

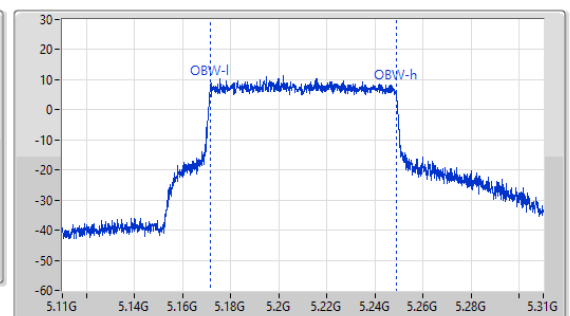
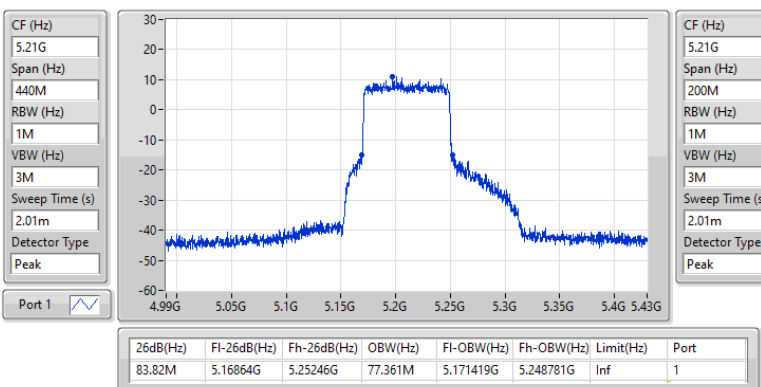


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

18/04/2025

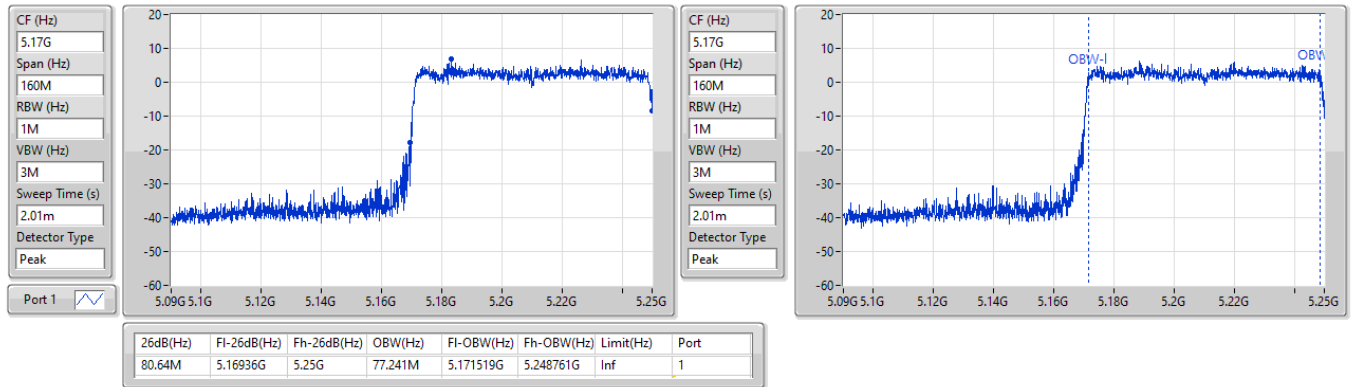


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

17/04/2025

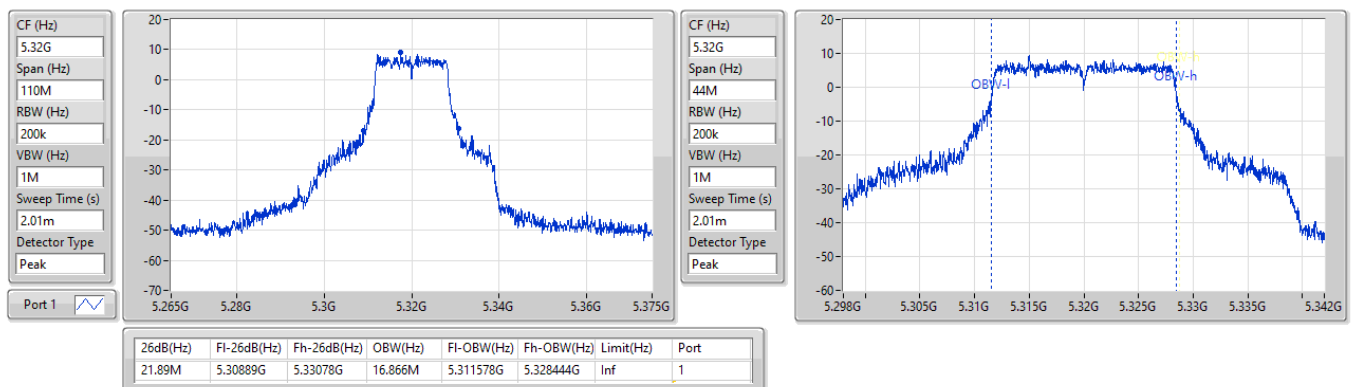


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

17/04/2025

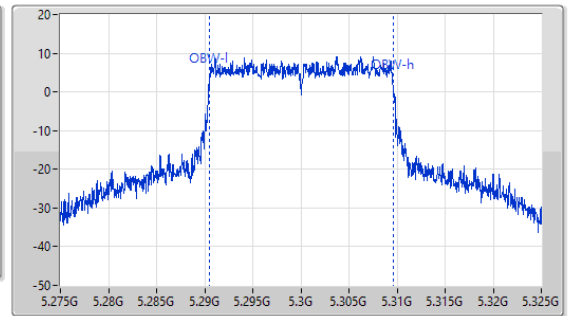
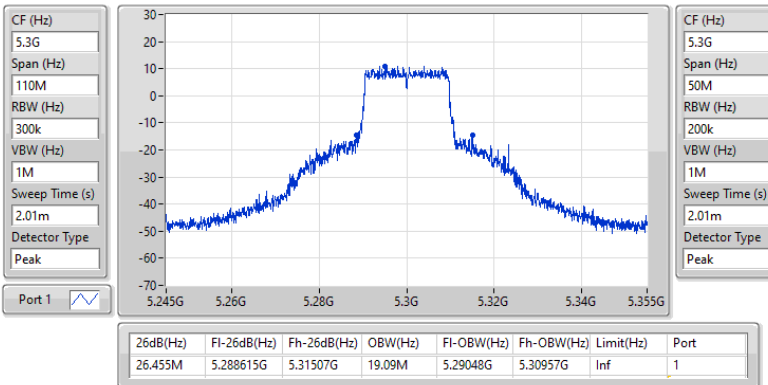


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

17/04/2025

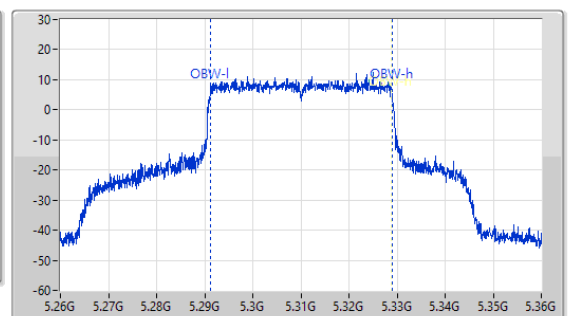
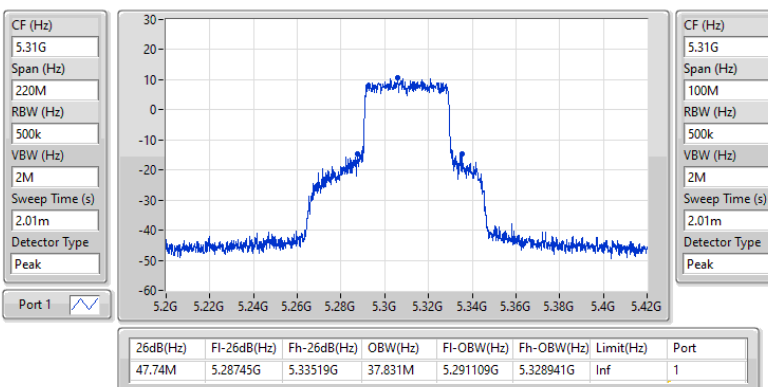


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

17/04/2025

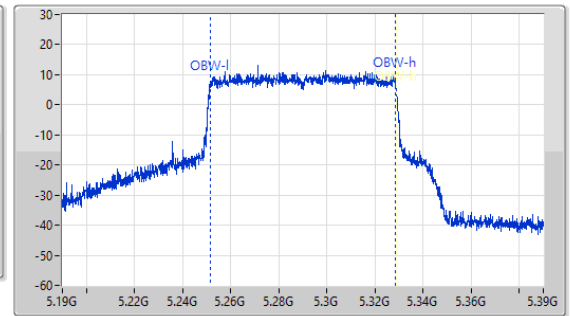
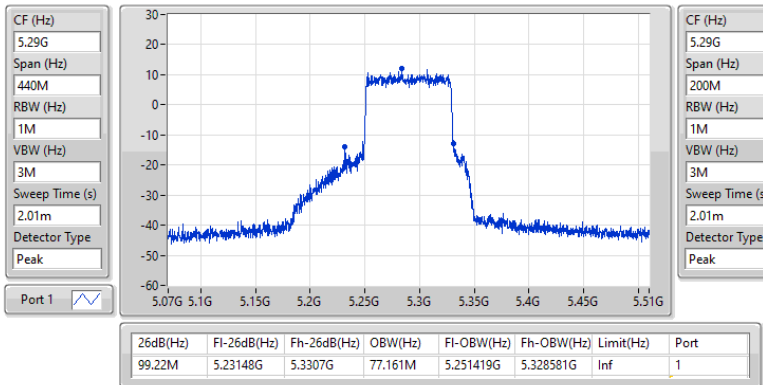


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

17/04/2025

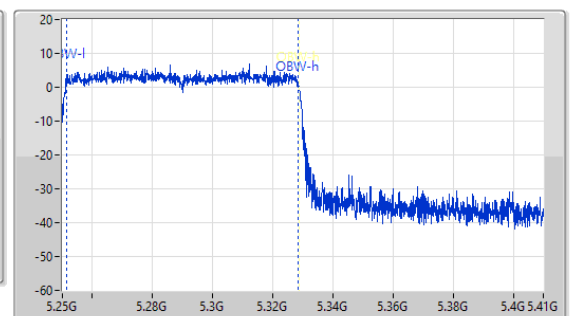
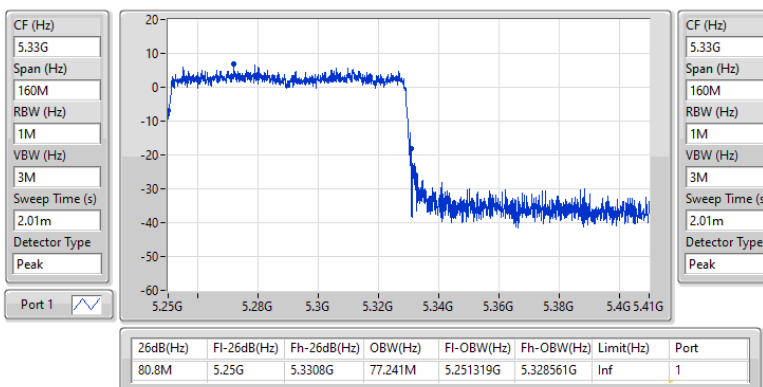


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/04/2025

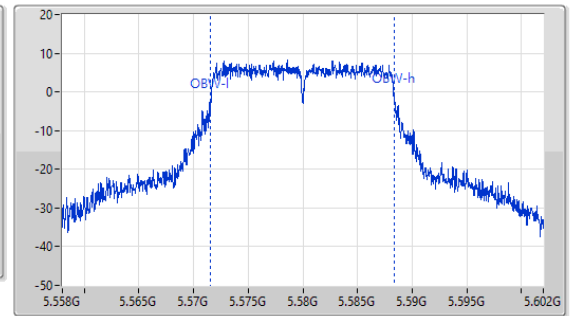
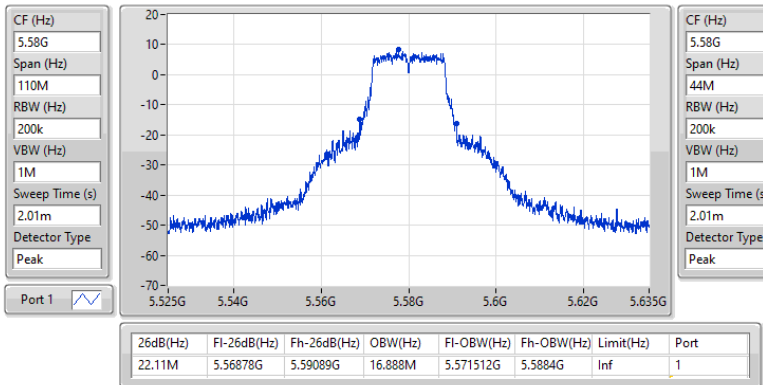


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

17/04/2025

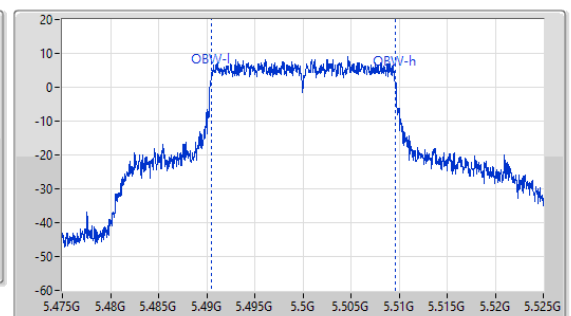
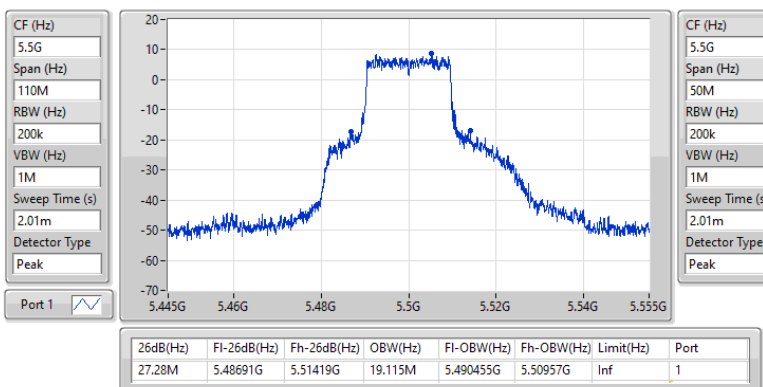


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5500MHz

17/04/2025

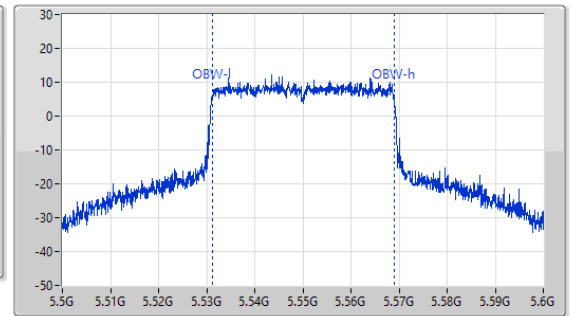
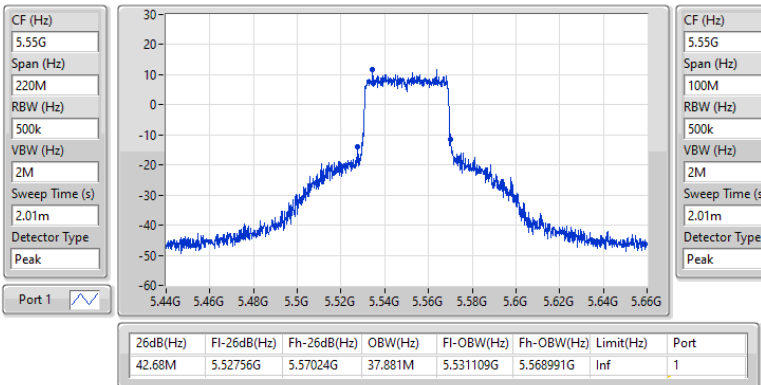


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5550MHz

17/04/2025

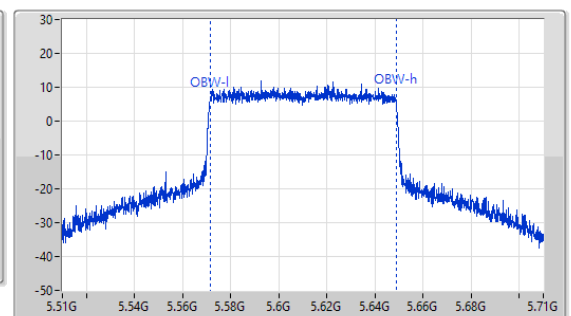
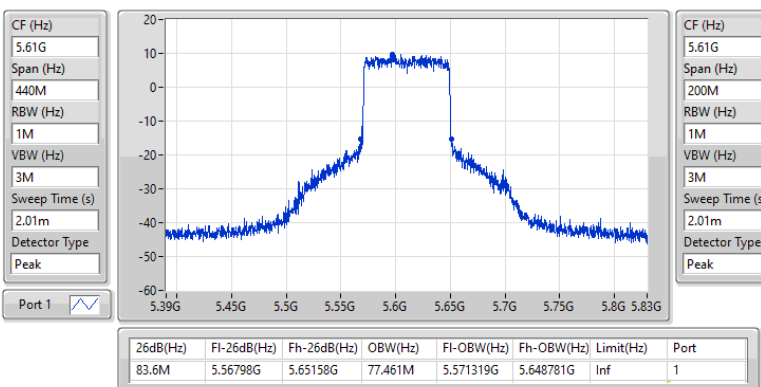


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5610MHz

17/04/2025

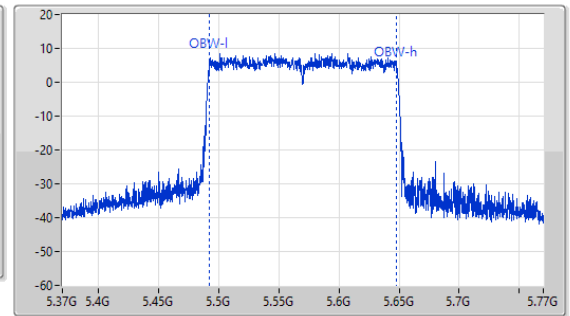
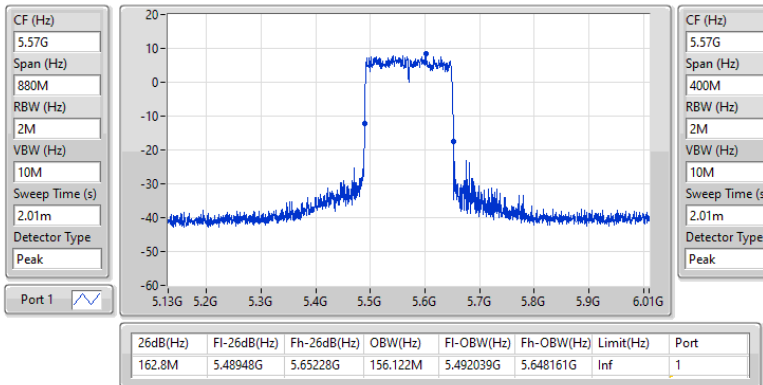


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

17/04/2025

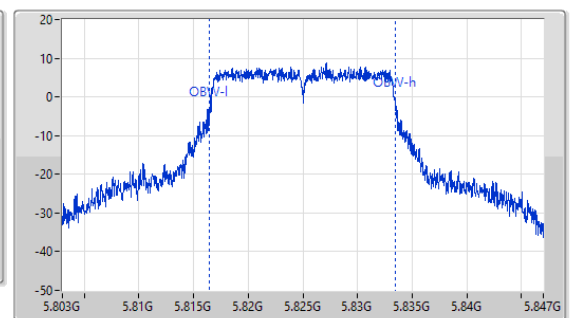
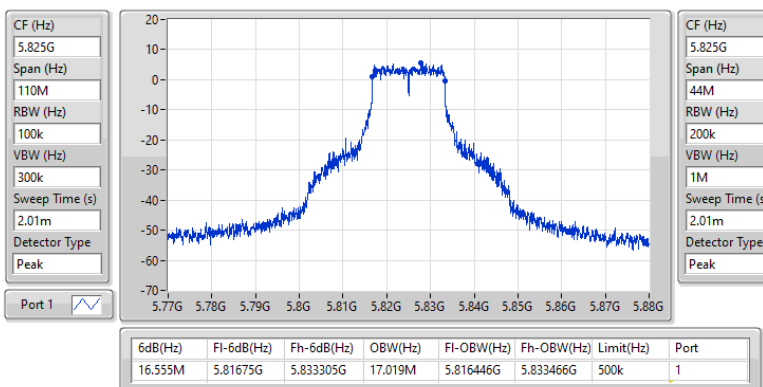


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

17/04/2025



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

EBW

5825MHz

17/04/2025

CF (Hz)
5.825G

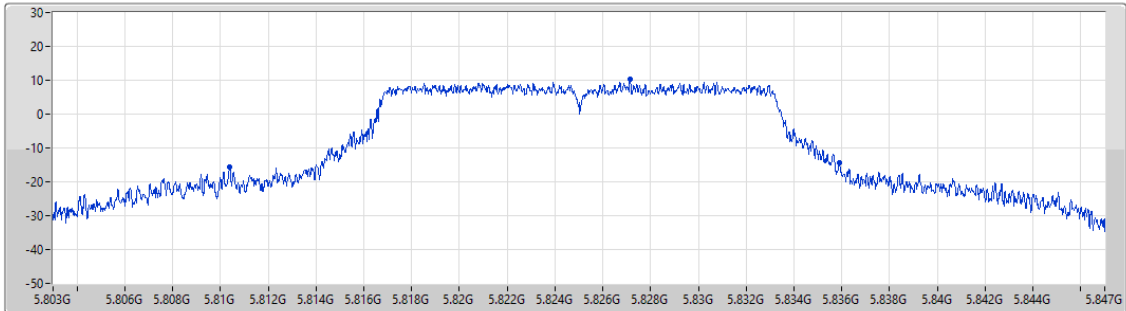
Span (Hz)
44M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.52M	5.810392G	5.835912G	Inf	1

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

EBW

5745MHz

17/04/2025

CF (Hz)
5.745G

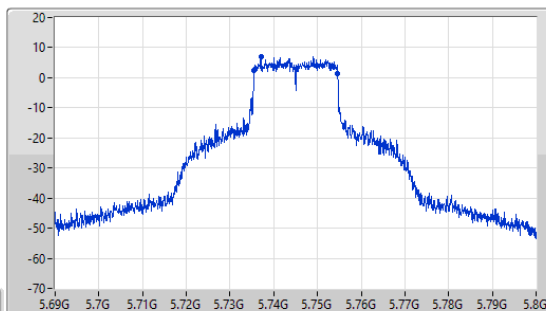
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
2.01m

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.14M	5.735485G	5.754625G	19.315M	5.735305G	5.75462G	500k	1

CF (Hz)
5.745G

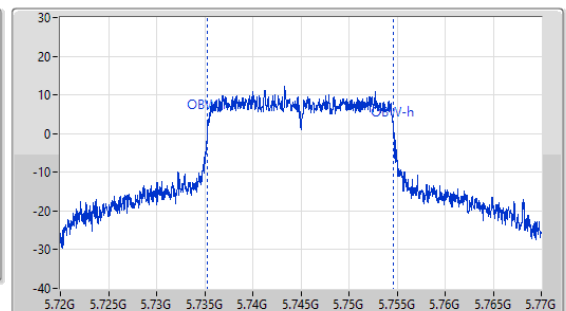
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak

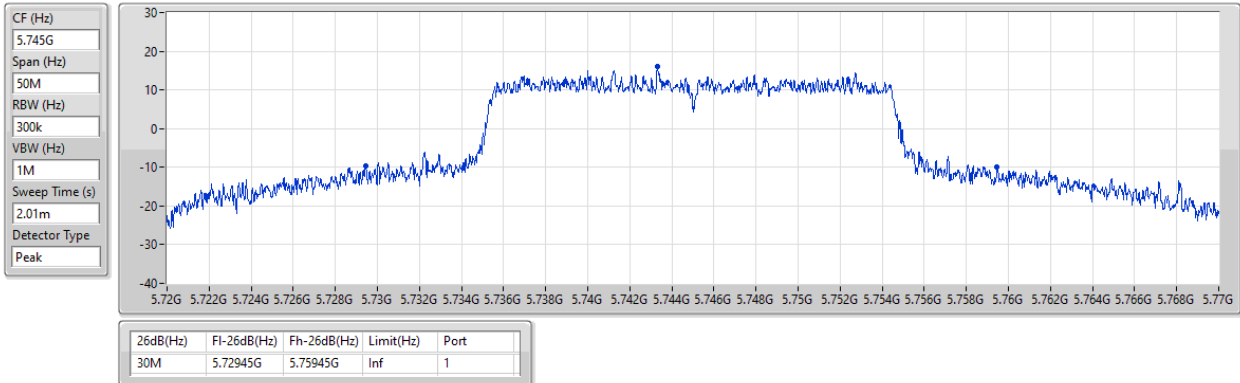


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

17/04/2025

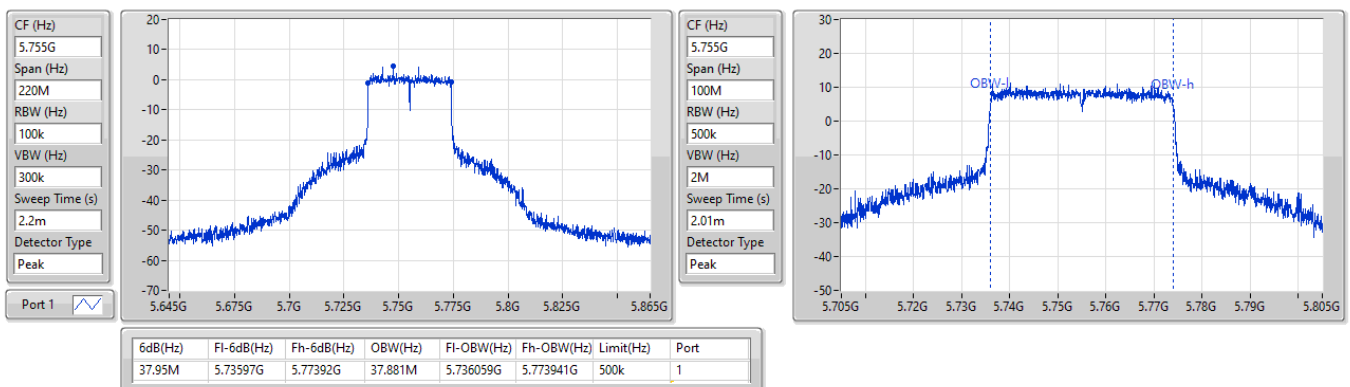


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

17/04/2025

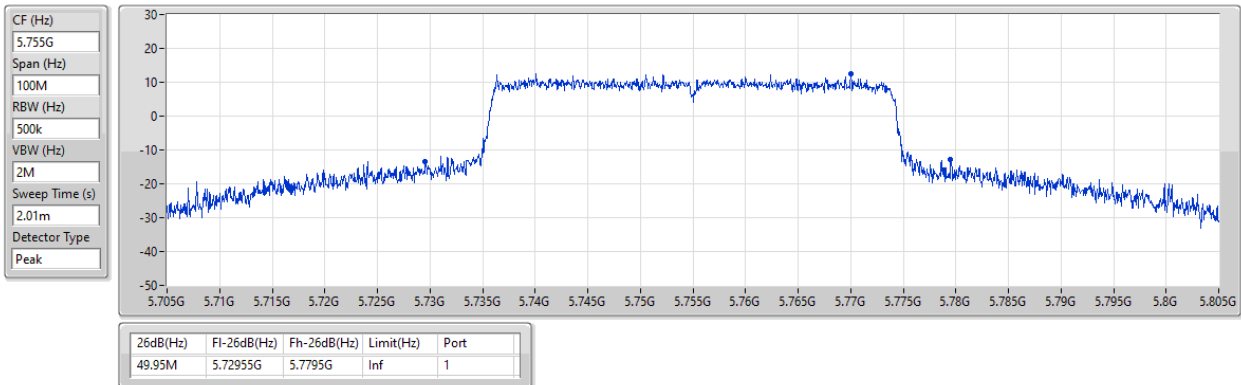


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

17/04/2025

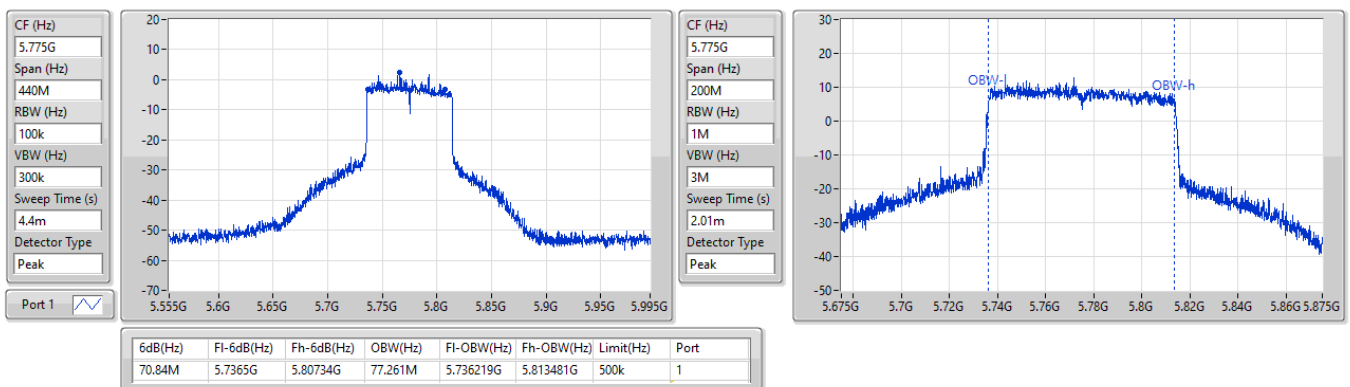


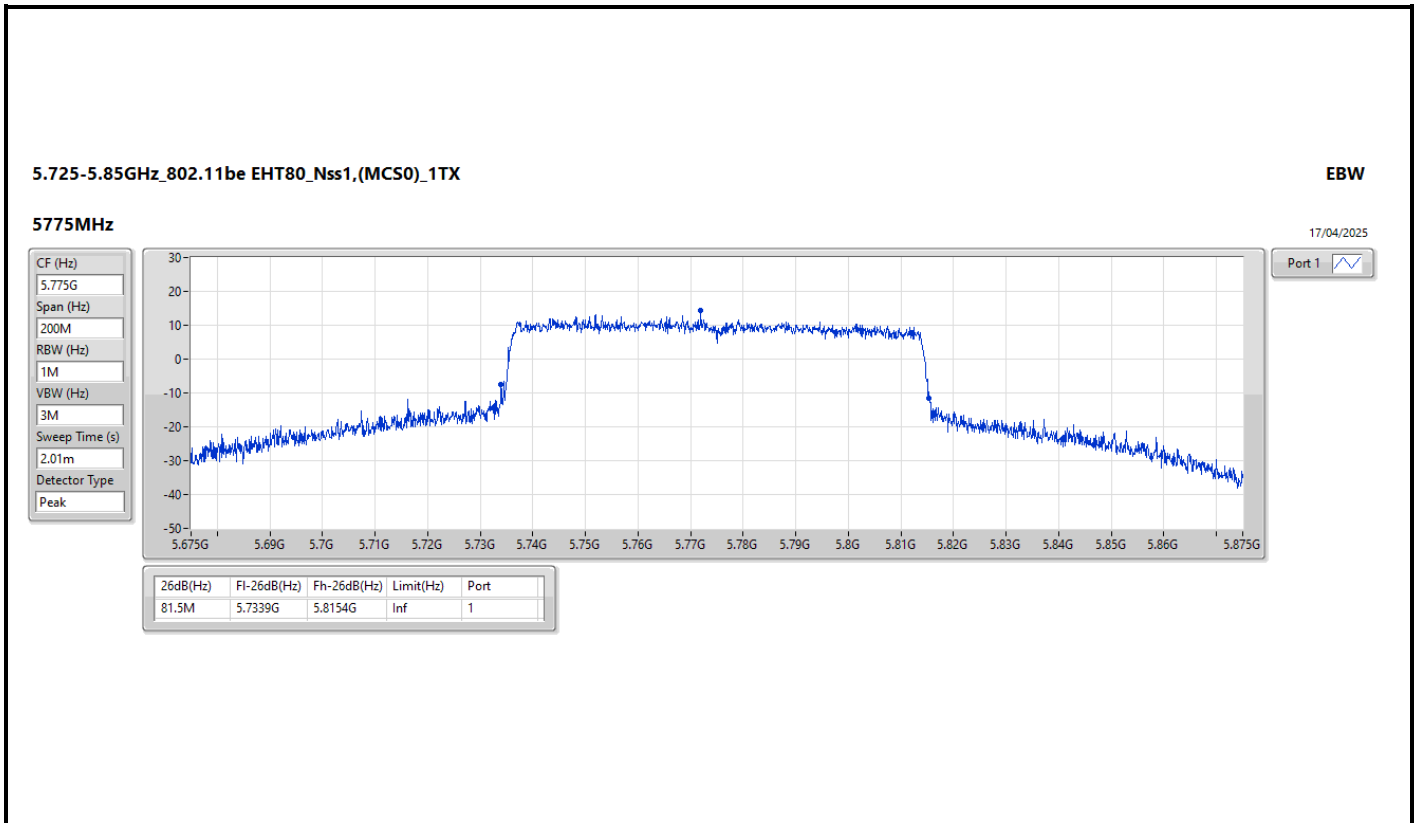
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

17/04/2025







EBW_Non-Beamforming_Radio 2_2T1S Outdoor_30 Degree Gain

Appendix B.16

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	23.1M	16.932M	16M9D1D	21.34M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	25.63M	19.14M	19M1D1D	22.715M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	50.6M	37.881M	37M9D1D	40.7M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	82.94M	77.461M	77M5D1D	82.94M	77.361M
802.11be EHT160_Nss1,(MCS0)_2TX	80.96M	77.241M	77M2D1D	80.88M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.715M	16.976M	17M0D1D	21.065M	16.844M
802.11be EHT20_Nss1,(MCS0)_2TX	25.19M	19.115M	19M1D1D	22.22M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	43.34M	37.881M	37M9D1D	41.58M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	84.04M	77.361M	77M4D1D	82.72M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	81.28M	77.321M	77M3D1D	80.96M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.33M	16.954M	17M0D1D	16.815M	13.538M
802.11be EHT20_Nss1,(MCS0)_2TX	24.97M	19.14M	19M1D1D	15.975M	14.543M
802.11be EHT40_Nss1,(MCS0)_2TX	50.82M	37.931M	37M9D1D	35.42M	33.793M
802.11be EHT80_Nss1,(MCS0)_2TX	88M	77.361M	77M4D1D	75.675M	73.313M
802.11be EHT160_Nss1,(MCS0)_2TX	162.36M	156.322M	156MD1D	161.92M	155.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	17.503M	17M5D1D	3.16M	4.938M
802.11be EHT20_Nss1,(MCS0)_2TX	19.195M	19.29M	19M3D1D	4.52M	5.677M
802.11be EHT40_Nss1,(MCS0)_2TX	38.06M	37.931M	37M9D1D	3.82M	10.015M
802.11be EHT80_Nss1,(MCS0)_2TX	76.56M	77.361M	77M4D1D	3.86M	16.332M

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 Outdoor_30 Degree Gain

Appendix B.16

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	22.55M	16.888M	21.945M	16.932M
5200MHz	Pass	Inf	21.78M	16.888M	21.615M	16.888M
5240MHz	Pass	Inf	23.1M	16.822M	21.34M	16.932M
5260MHz	Pass	Inf	21.065M	16.91M	22.715M	16.866M
5300MHz	Pass	Inf	22.385M	16.91M	21.395M	16.844M
5320MHz	Pass	Inf	22.385M	16.976M	21.835M	16.888M
5500MHz	Pass	Inf	21.45M	16.954M	22.33M	16.866M
5580MHz	Pass	Inf	22.11M	16.866M	21.615M	16.844M
5700MHz	Pass	Inf	21.12M	16.712M	20.845M	16.646M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.82M	13.583M	16.815M	13.538M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	5.157M	3.16M	4.938M
5745MHz	Pass	500k	16.5M	17.503M	16.5M	17.415M
5785MHz	Pass	500k	16.17M	17.459M	16.28M	17.195M
5825MHz	Pass	500k	16.335M	16.954M	16.335M	16.932M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	25.63M	19.09M	23.375M	19.09M
5200MHz	Pass	Inf	22.935M	19.065M	22.715M	19.14M
5240MHz	Pass	Inf	22.715M	19.065M	23.21M	19.115M
5260MHz	Pass	Inf	24.365M	19.065M	22.495M	19.09M
5300MHz	Pass	Inf	22.33M	19.065M	23.21M	19.065M
5320MHz	Pass	Inf	25.19M	19.065M	22.22M	19.115M
5500MHz	Pass	Inf	24.97M	19.14M	21.45M	19.115M
5580MHz	Pass	Inf	21.725M	19.09M	21.45M	19.09M
5700MHz	Pass	Inf	21.34M	19.04M	21.395M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.15M	14.543M	15.975M	14.603M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.737M	4.54M	5.677M
5745MHz	Pass	500k	18.095M	19.29M	19.03M	19.265M
5785MHz	Pass	500k	19.03M	19.265M	18.645M	19.14M
5825MHz	Pass	500k	18.81M	19.14M	19.195M	19.14M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	50.6M	37.881M	47.19M	37.881M
5230MHz	Pass	Inf	40.7M	37.781M	41.8M	37.831M
5270MHz	Pass	Inf	41.69M	37.781M	41.91M	37.881M
5310MHz	Pass	Inf	41.58M	37.881M	43.34M	37.881M
5510MHz	Pass	Inf	48.07M	37.881M	41.58M	37.881M
5550MHz	Pass	Inf	43.12M	37.931M	44M	37.831M
5670MHz	Pass	Inf	50.82M	37.781M	45.87M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.77M	33.793M	35.42M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	10.135M	4.1M	10.015M
5755MHz	Pass	500k	38.06M	37.931M	37.73M	37.931M
5795MHz	Pass	500k	38.06M	37.881M	36.3M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.94M	77.461M	82.94M	77.361M
5290MHz	Pass	Inf	84.04M	77.361M	82.72M	77.261M
5530MHz	Pass	Inf	88M	77.261M	81.18M	77.261M
5610MHz	Pass	Inf	84.04M	77.361M	83.6M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	73.313M	78.975M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	16.332M	4.12M	16.832M
5775MHz	Pass	500k	76.56M	77.361M	76.34M	77.261M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	77.241M	80.96M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.96M	77.321M	81.28M	77.241M
5570MHz	Pass	Inf	161.92M	156.322M	162.36M	155.922M

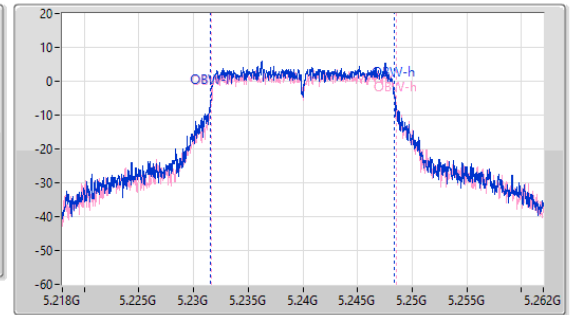
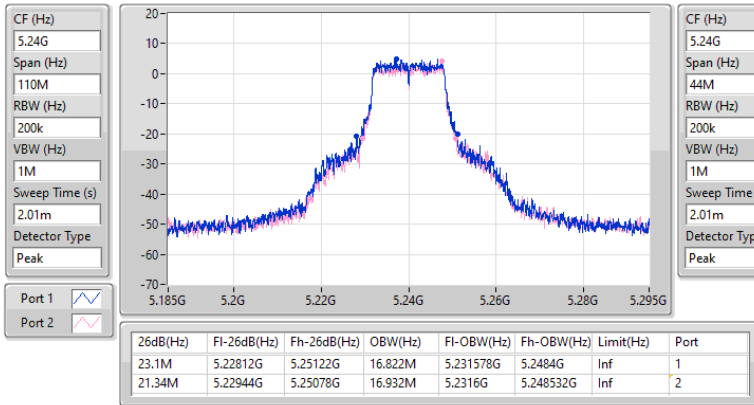
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

18/04/2025

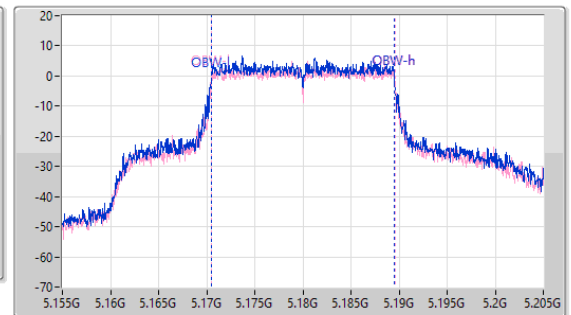
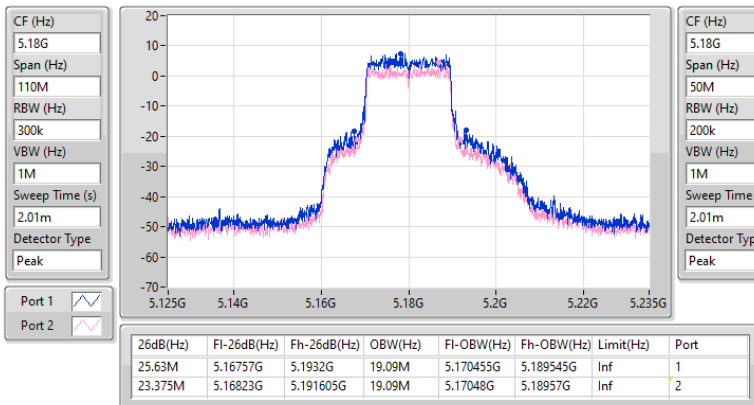


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

18/04/2025

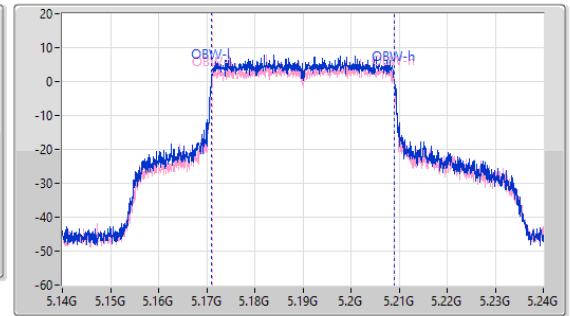
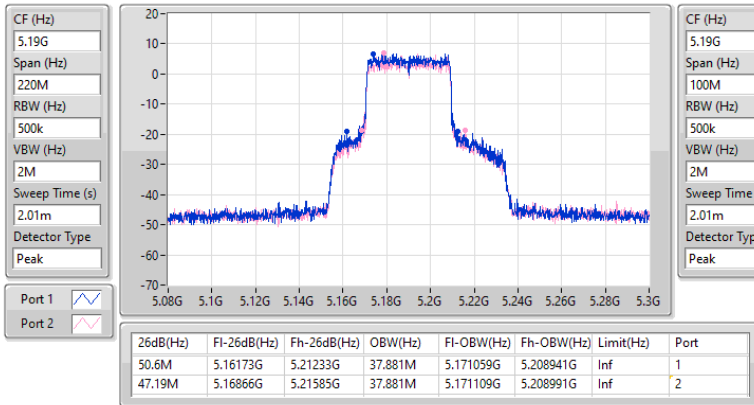


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

18/04/2025

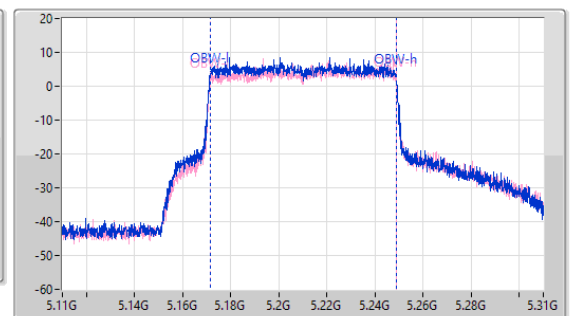
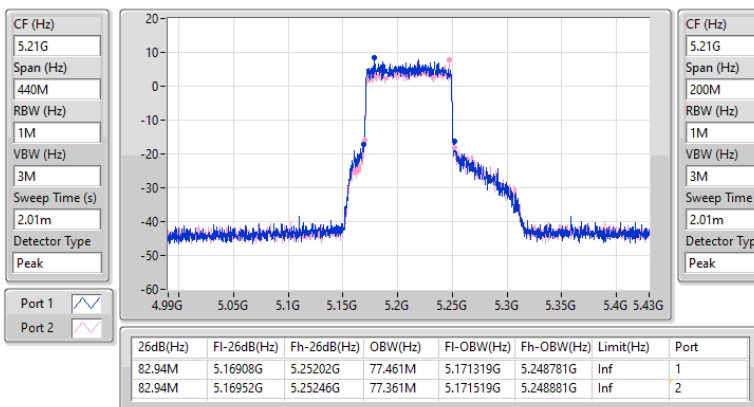


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

18/04/2025

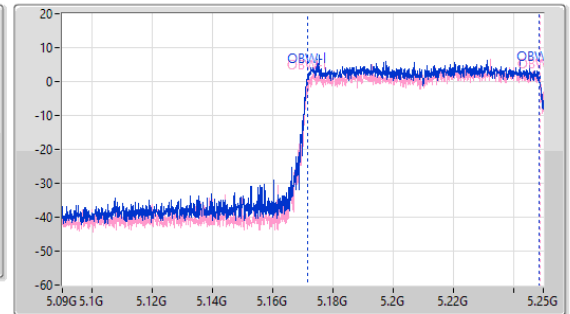
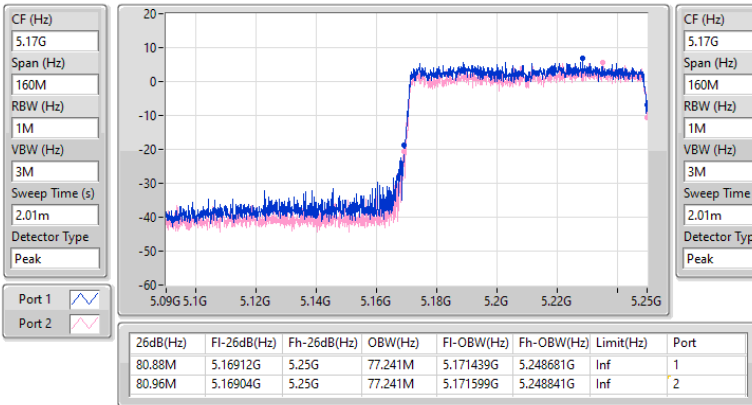


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

17/04/2025

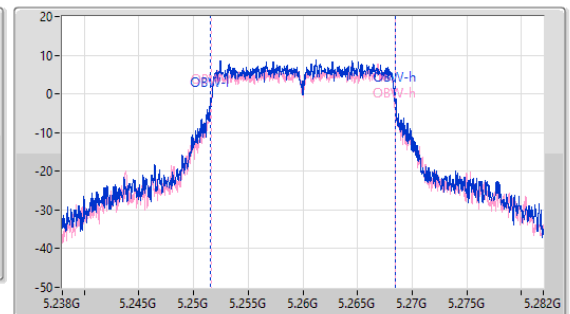
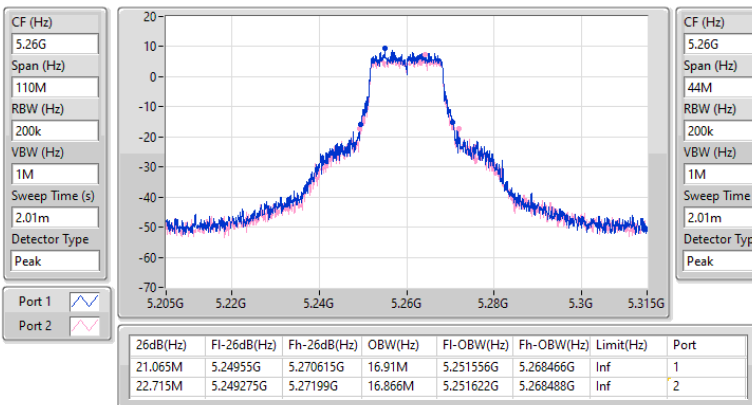


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

17/04/2025

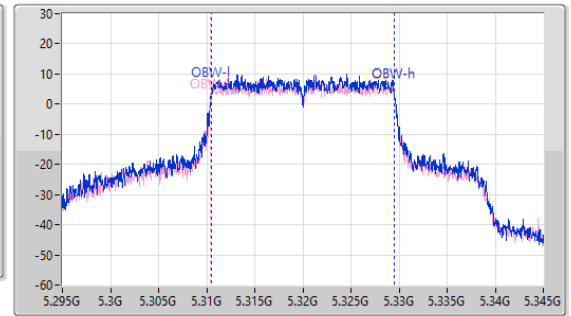
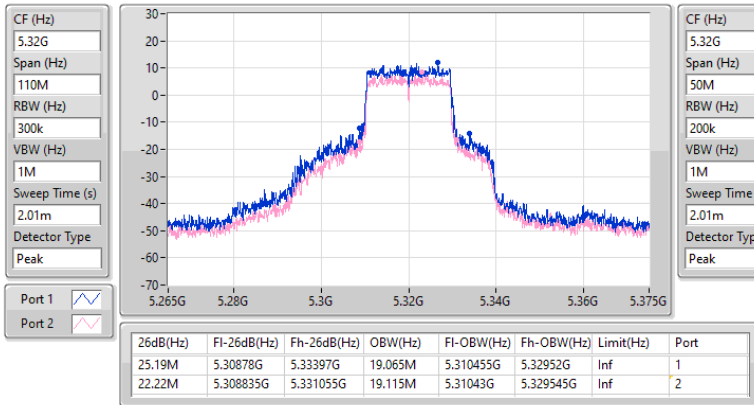


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EBW

5320MHz

17/04/2025

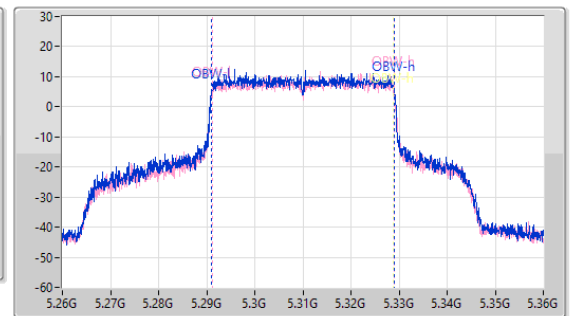
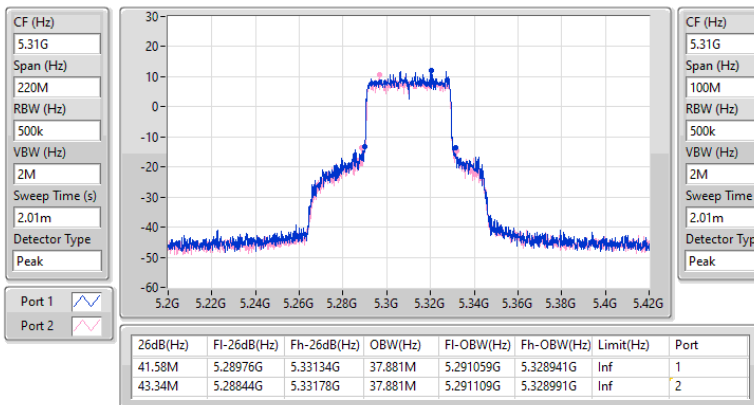


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

17/04/2025

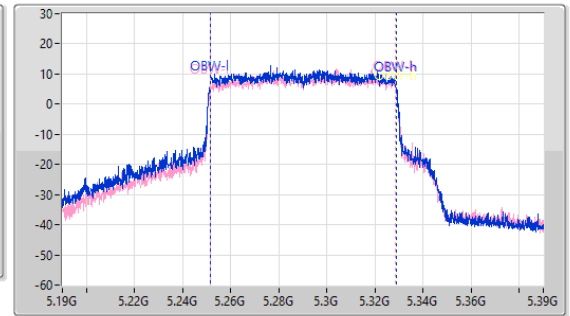
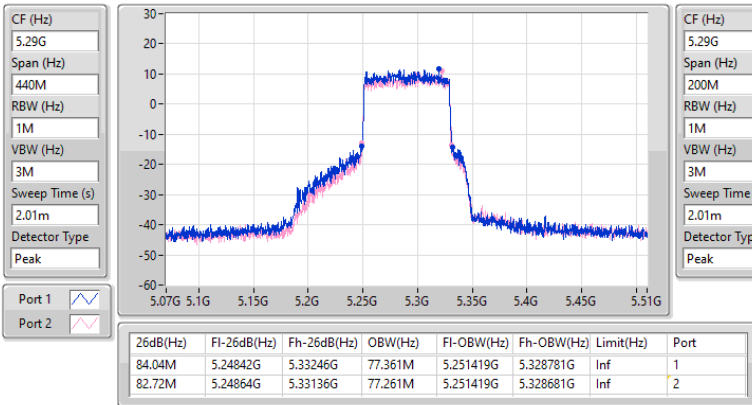


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

17/04/2025

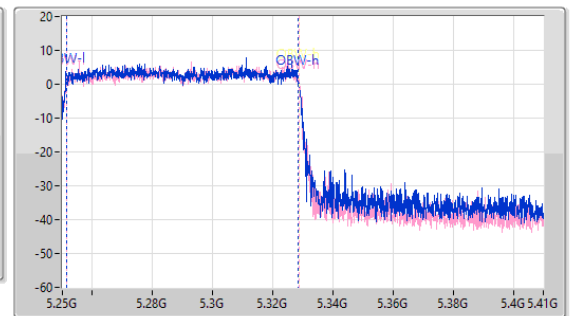
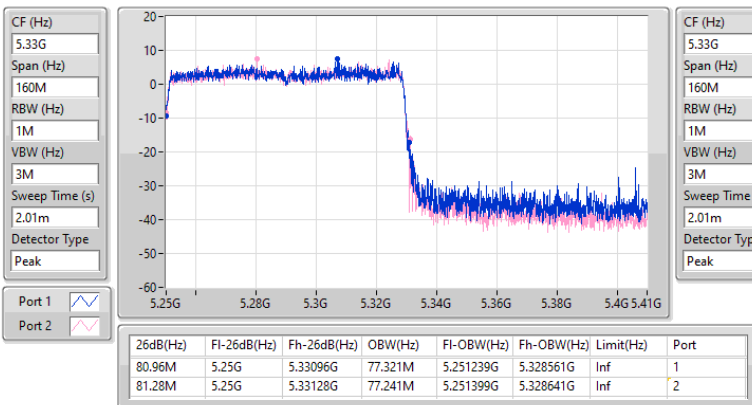


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/04/2025

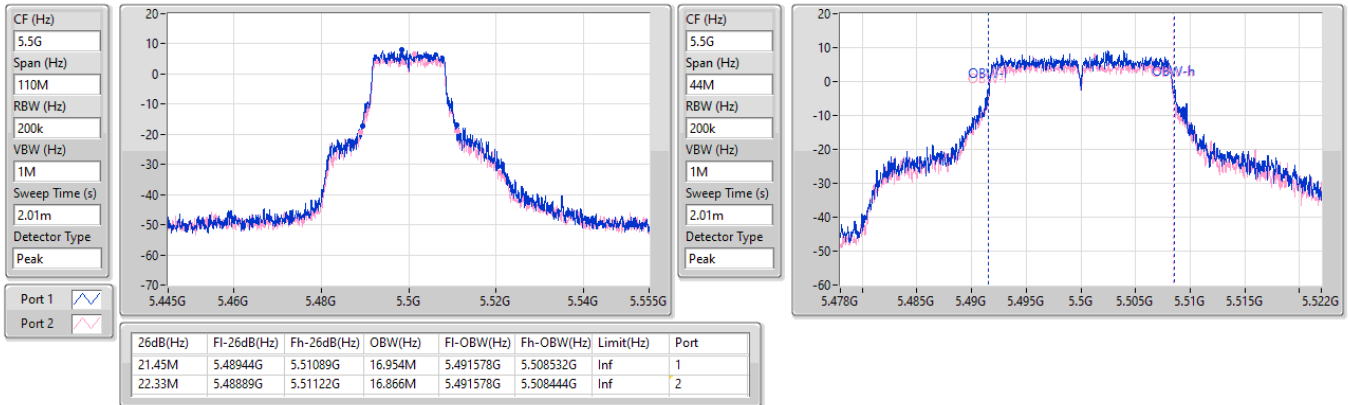


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

17/04/2025

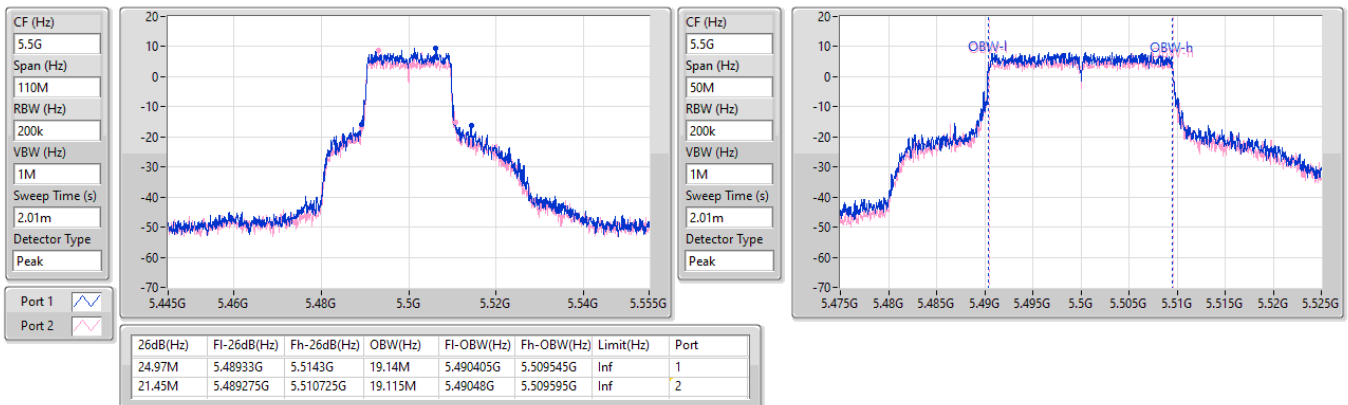


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

17/04/2025

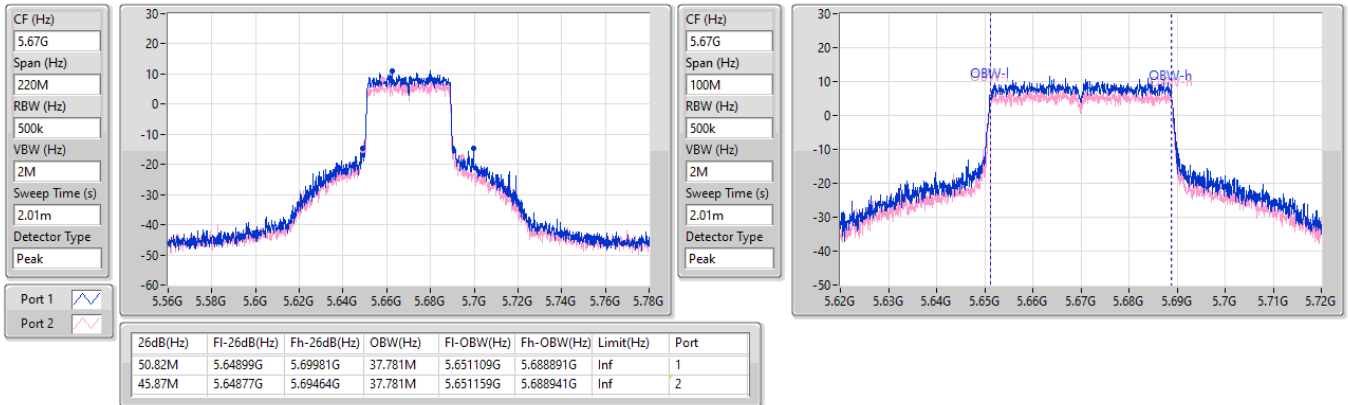


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

17/04/2025

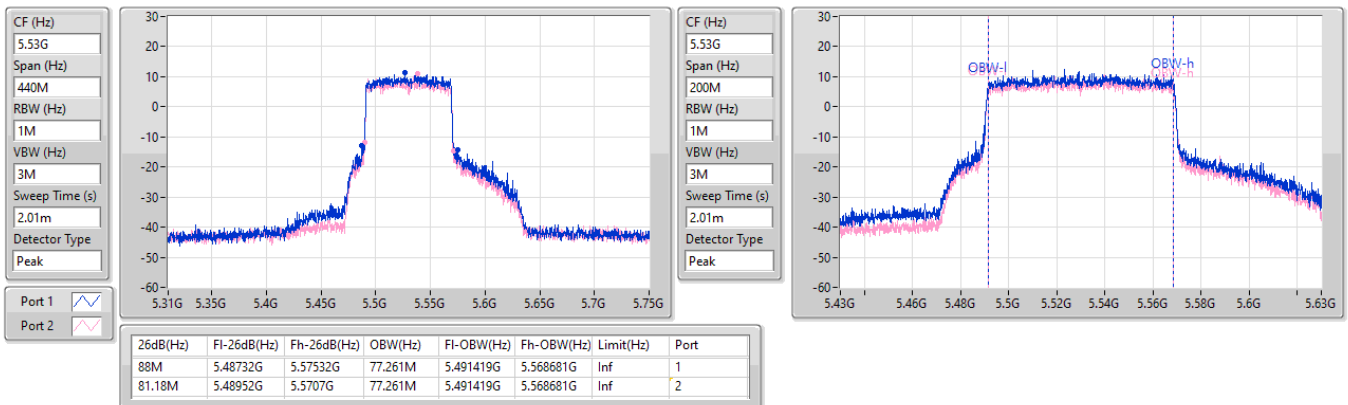


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

17/04/2025

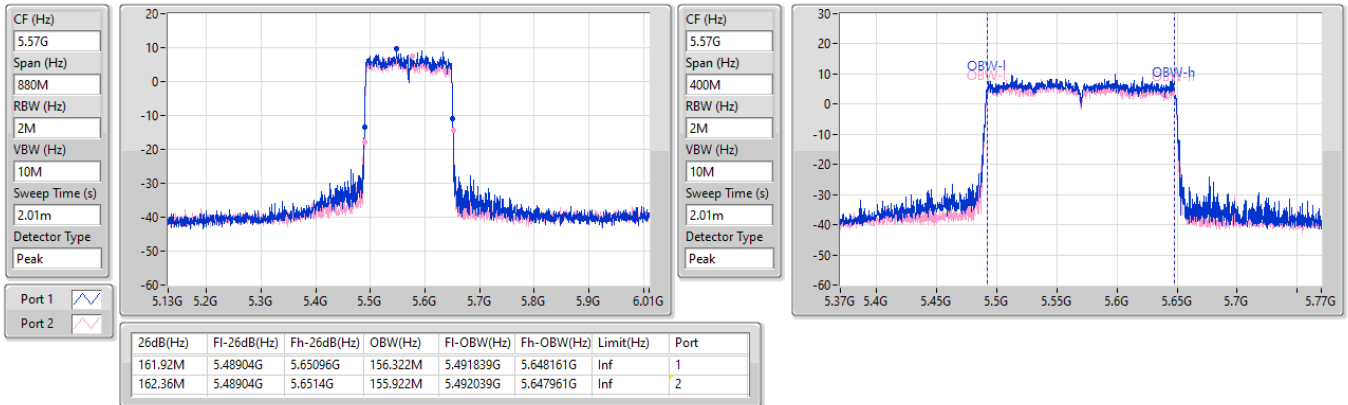


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

17/04/2025

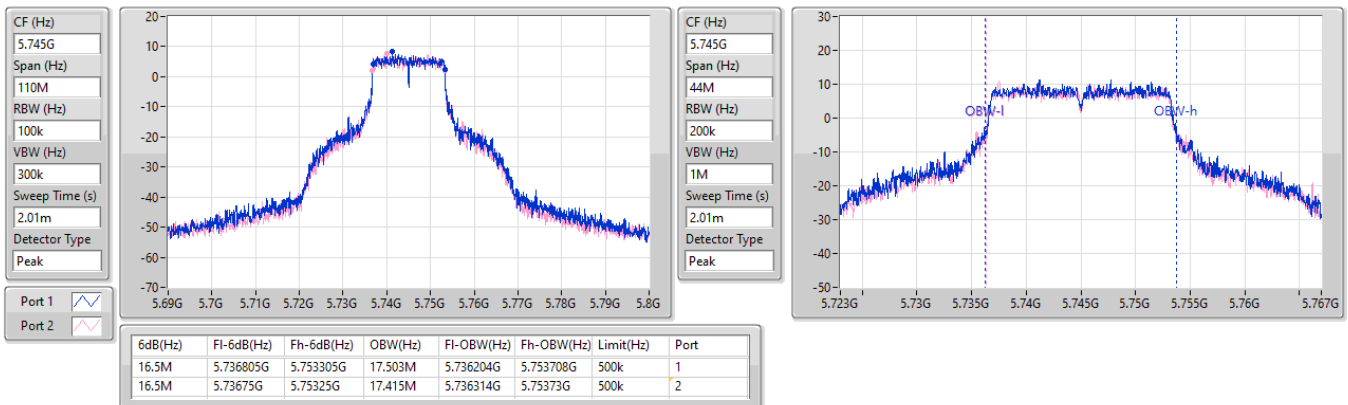


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

17/04/2025

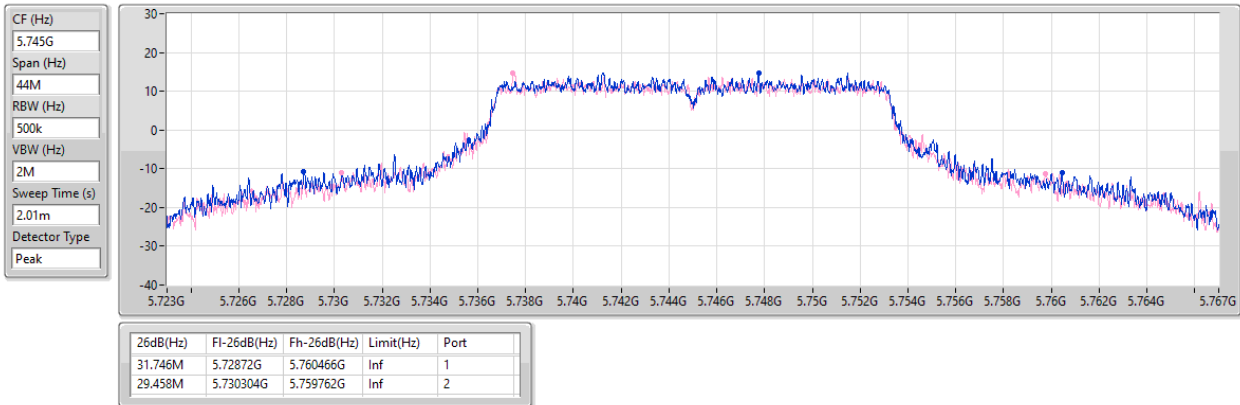


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

17/04/2025

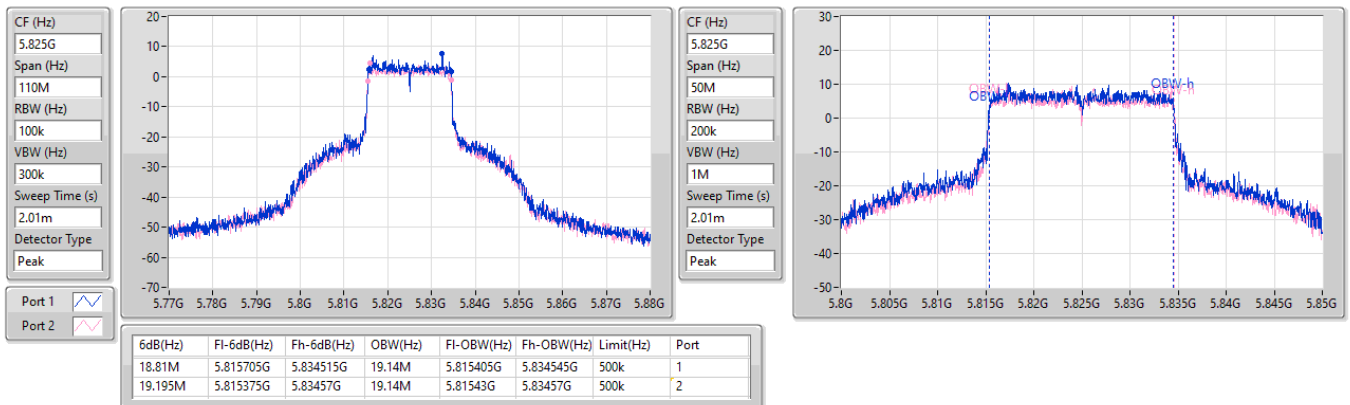


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

17/04/2025

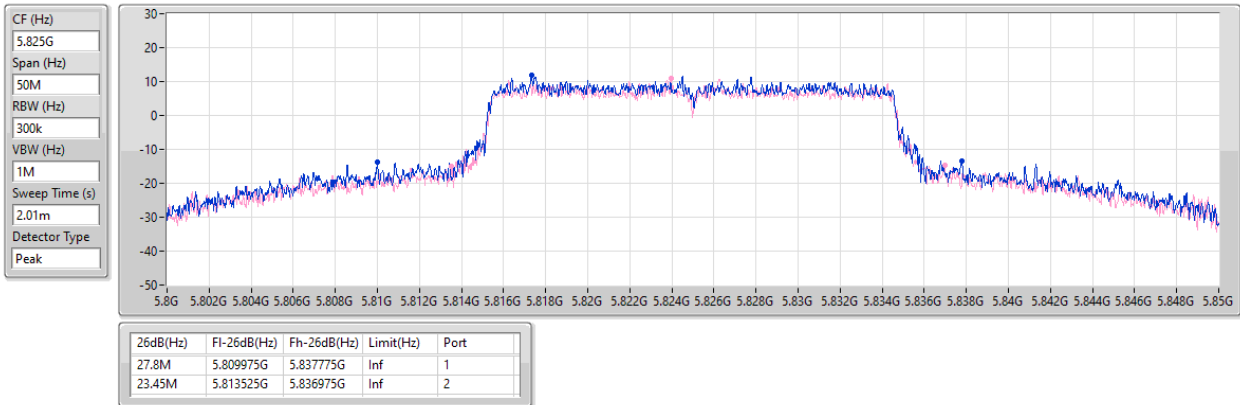


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

17/04/2025

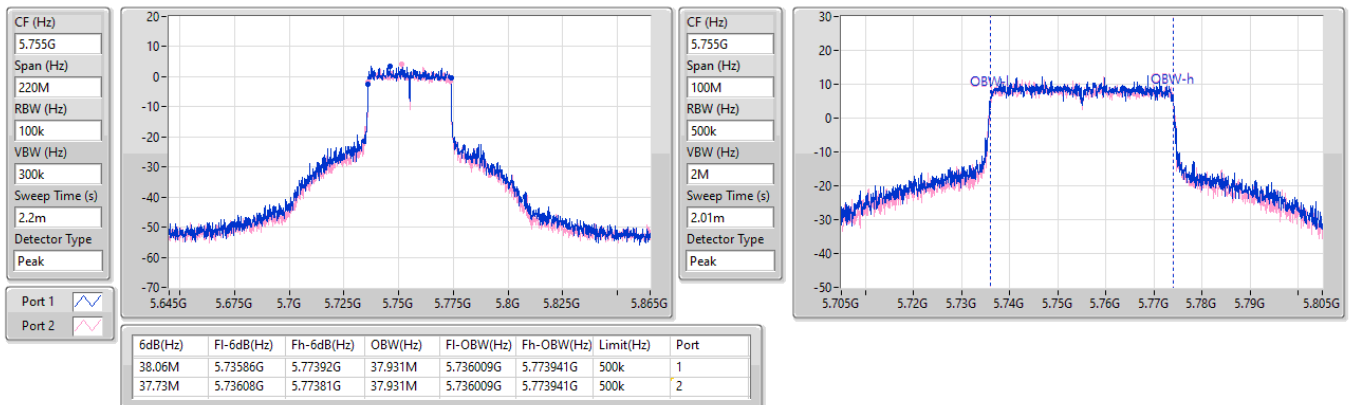


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

17/04/2025

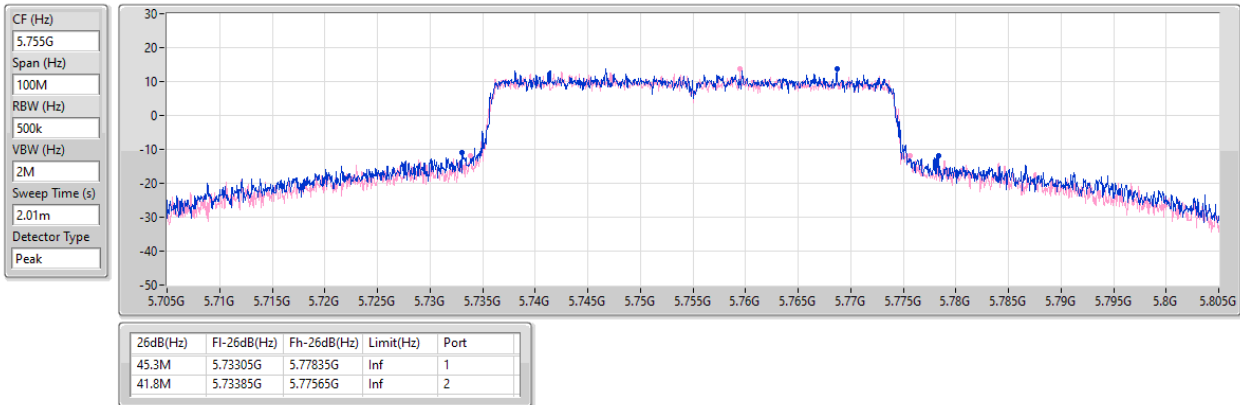


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

17/04/2025

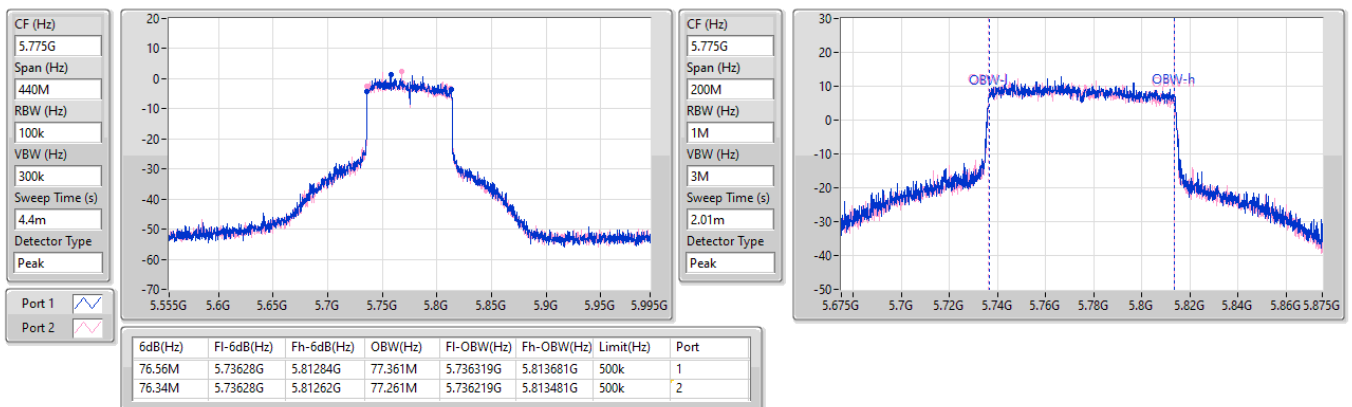


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

17/04/2025





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

EBW

5775MHz

17/04/2025

CF (Hz)
5.775G

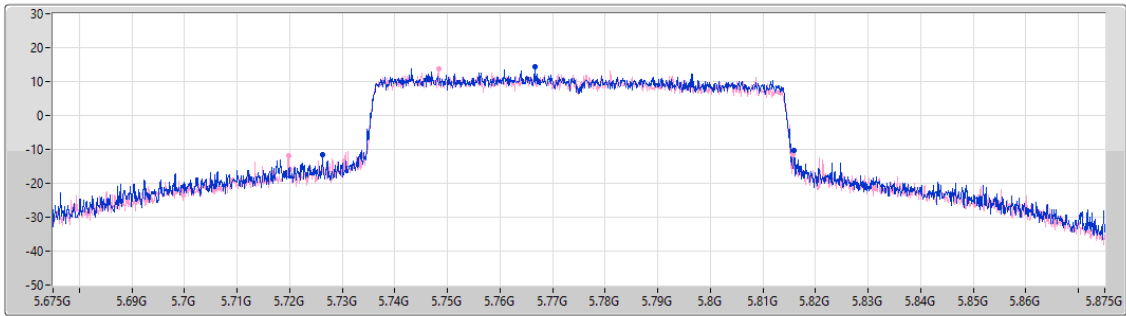
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

Port 2

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
89.8M	5.7262G	5.816G	Inf	1
95.9M	5.7198G	5.8157G	Inf	2



EBW_Non-Beamforming_Radio 2_2T2S_ Outdoor_30 Degree Gain

Appendix B.17

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	28.435M	19.14M	19M1D1D	22.55M	19.065M
802.11be EHT40_Nss2,(MCS0)_2TX	58.41M	37.931M	37M9D1D	41.58M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	87.56M	77.361M	77M4D1D	83.82M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	80.56M	77.241M	77M2D1D	80.56M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.595M	19.14M	19M1D1D	21.615M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	43.45M	37.831M	37M8D1D	40.7M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	85.58M	77.261M	77M3D1D	83.82M	77.161M
802.11be EHT160_Nss2,(MCS0)_2TX	81.44M	77.401M	77M4D1D	80.88M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	27.775M	19.19M	19M2D1D	16.275M	14.498M
802.11be EHT40_Nss2,(MCS0)_2TX	43.45M	37.881M	37M9D1D	35.42M	33.758M
802.11be EHT80_Nss2,(MCS0)_2TX	89.76M	77.461M	77M5D1D	75.975M	73.238M
802.11be EHT160_Nss2,(MCS0)_2TX	163.24M	156.322M	156MD1D	162.8M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.085M	19.315M	19M3D1D	4.52M	5.697M
802.11be EHT40_Nss2,(MCS0)_2TX	37.95M	37.831M	37M8D1D	3.98M	11.174M
802.11be EHT80_Nss2,(MCS0)_2TX	75.9M	77.261M	77M3D1D	3.98M	15.752M

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 Outdoor_30 Degree Gain

Appendix B.17

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	27.335M	19.115M	28.435M	19.14M
5200MHz	Pass	Inf	23.43M	19.115M	26.015M	19.09M
5240MHz	Pass	Inf	23.925M	19.065M	22.55M	19.14M
5260MHz	Pass	Inf	22.99M	19.14M	23.595M	19.04M
5300MHz	Pass	Inf	22.165M	19.09M	21.615M	19.14M
5320MHz	Pass	Inf	22.935M	19.09M	22.385M	19.09M
5500MHz	Pass	Inf	23.925M	19.115M	25.355M	19.165M
5580MHz	Pass	Inf	26.455M	19.19M	27.775M	19.165M
5700MHz	Pass	Inf	21.01M	19.09M	21.505M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.5M	14.513M	16.275M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	5.697M	4.52M	5.857M
5745MHz	Pass	500k	18.975M	19.315M	18.81M	19.14M
5785MHz	Pass	500k	19.03M	19.24M	19.085M	19.14M
5825MHz	Pass	500k	19.085M	19.115M	19.085M	19.09M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	48.07M	37.831M	58.41M	37.931M
5230MHz	Pass	Inf	41.58M	37.781M	42.35M	37.731M
5270MHz	Pass	Inf	42.24M	37.781M	40.7M	37.831M
5310MHz	Pass	Inf	43.45M	37.831M	41.8M	37.831M
5510MHz	Pass	Inf	41.47M	37.781M	43.45M	37.831M
5550MHz	Pass	Inf	42.02M	37.881M	42.68M	37.881M
5670MHz	Pass	Inf	42.24M	37.881M	41.47M	37.881M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.758M	36.68M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	11.614M	3.98M	11.174M
5755MHz	Pass	500k	35.97M	37.831M	37.51M	37.831M
5795MHz	Pass	500k	37.95M	37.781M	37.4M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.82M	77.261M	87.56M	77.361M
5290MHz	Pass	Inf	83.82M	77.261M	85.58M	77.161M
5530MHz	Pass	Inf	89.76M	77.361M	84.26M	77.261M
5610MHz	Pass	Inf	86.68M	77.261M	86.02M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.238M	76.425M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	15.752M	4.04M	17.091M
5775MHz	Pass	500k	74.8M	77.261M	75.9M	77.261M
802.11be EHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.241M	80.56M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.44M	77.401M	80.88M	77.161M
5570MHz	Pass	Inf	162.8M	156.322M	163.24M	156.122M

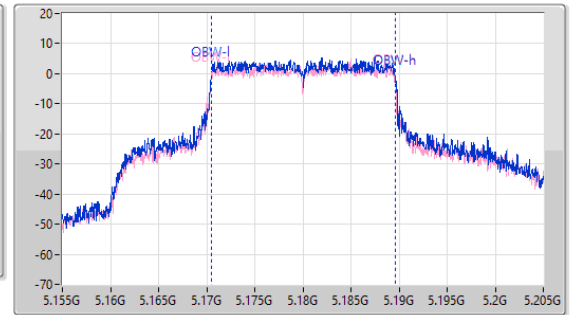
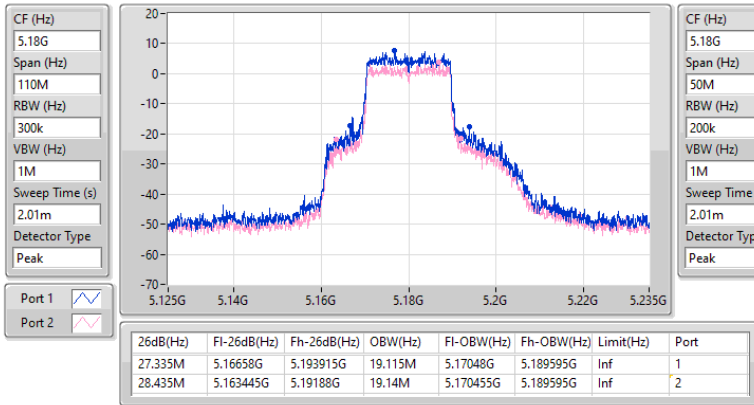
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

18/04/2025

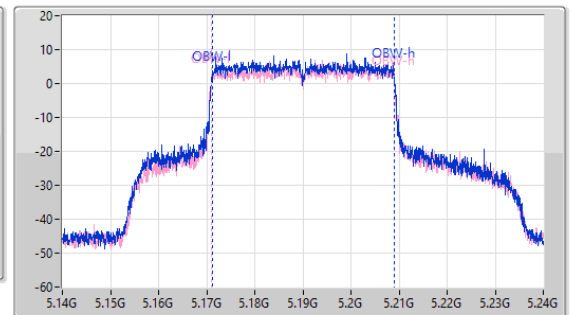
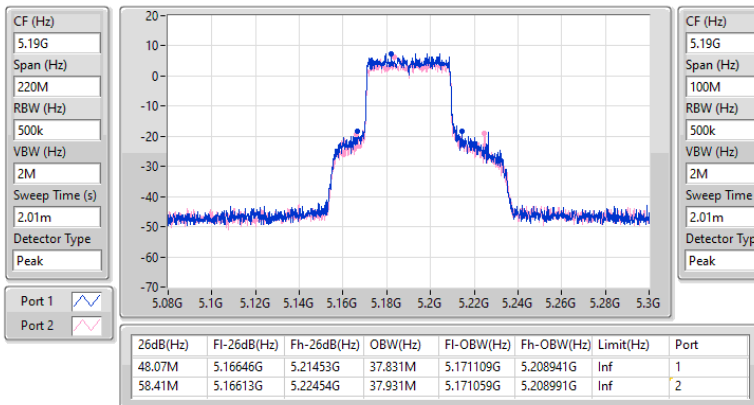


5.15-5.25GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5190MHz

18/04/2025

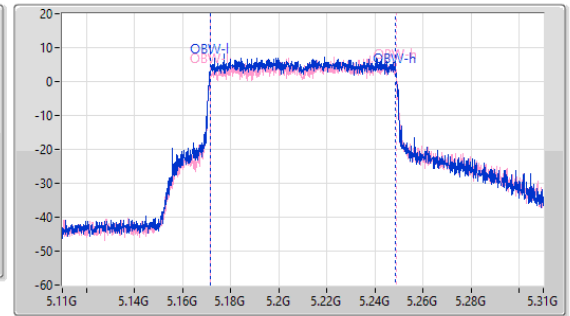
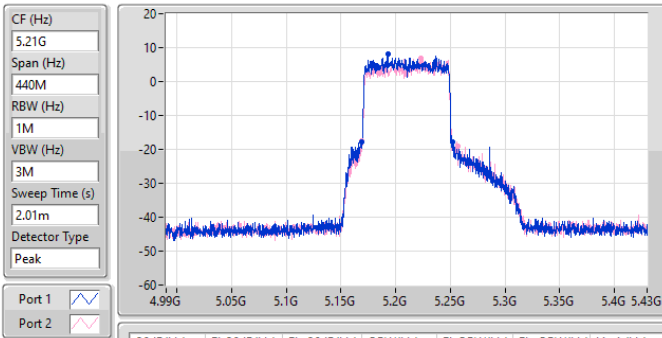


5.15-5.25GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5210MHz

18/04/2025

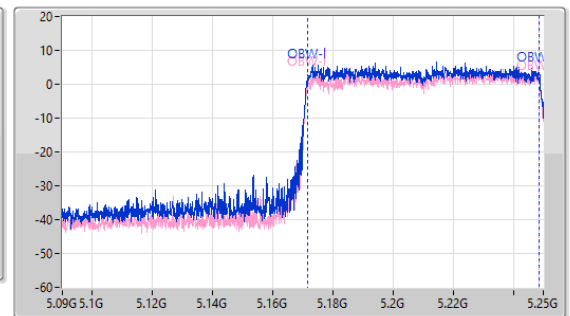
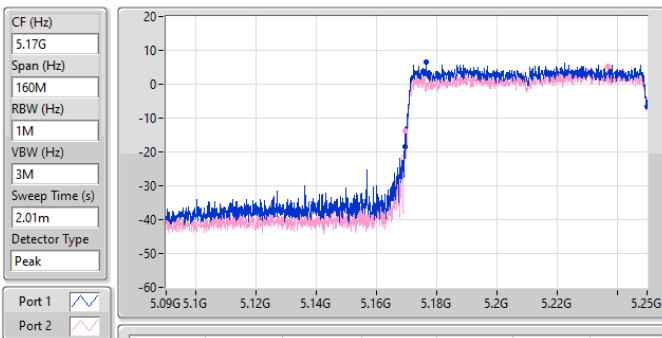


5.15-5.25GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

17/04/2025

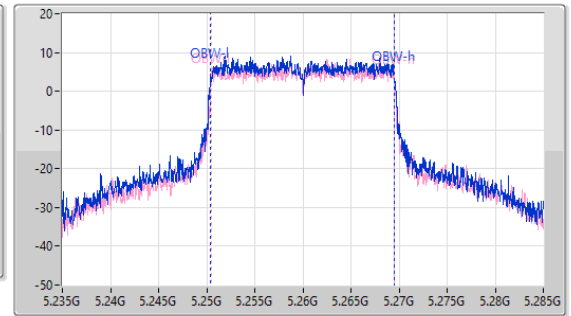
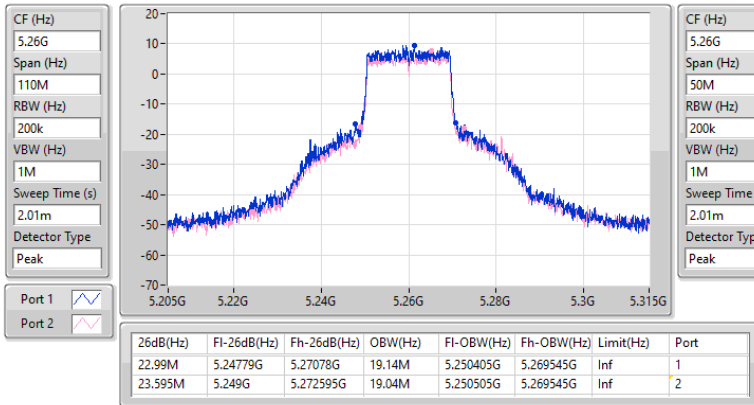


5.25-5.35GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5260MHz

17/04/2025

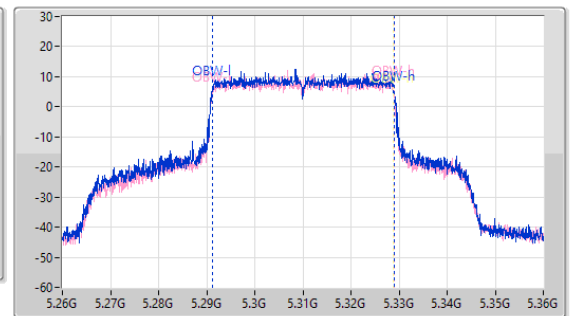
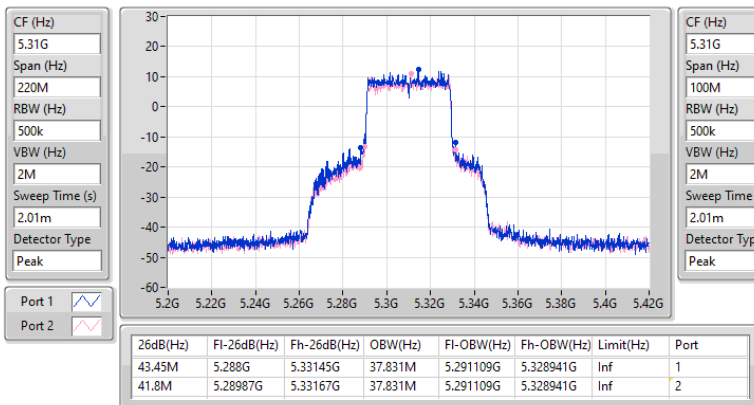


5.25-5.35GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5310MHz

17/04/2025

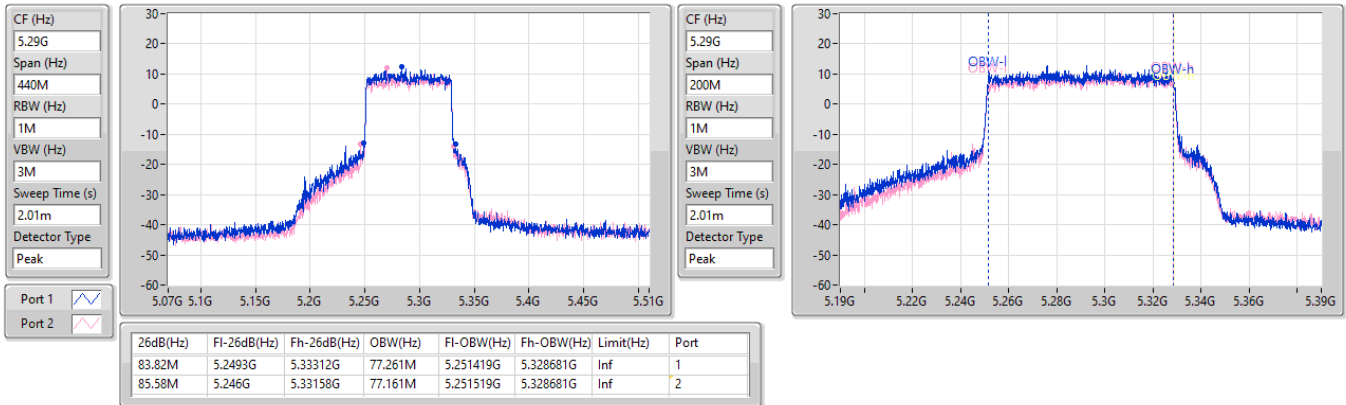


5.25-5.35GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5290MHz

17/04/2025

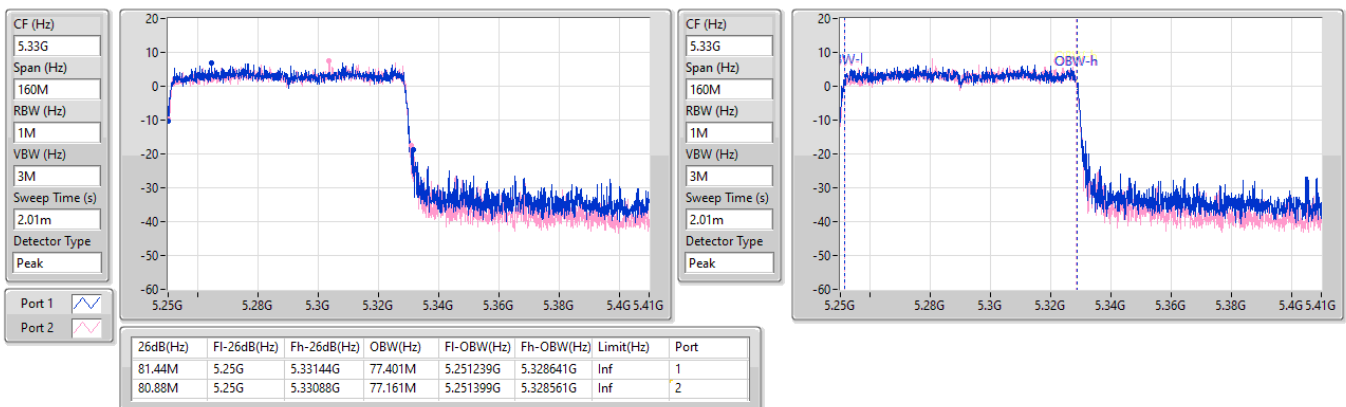


5.25-5.35GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/04/2025

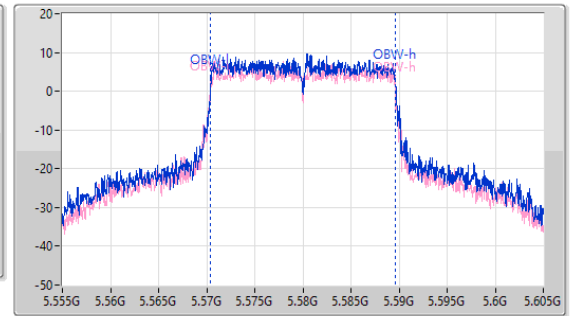
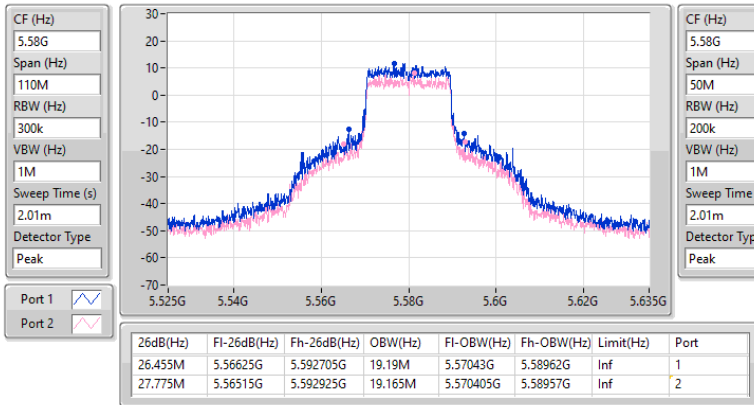


5.47-5.725GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5580MHz

17/04/2025

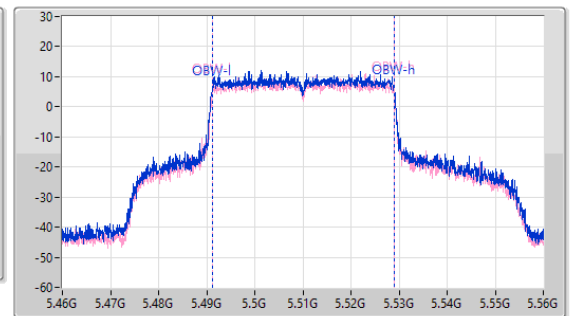
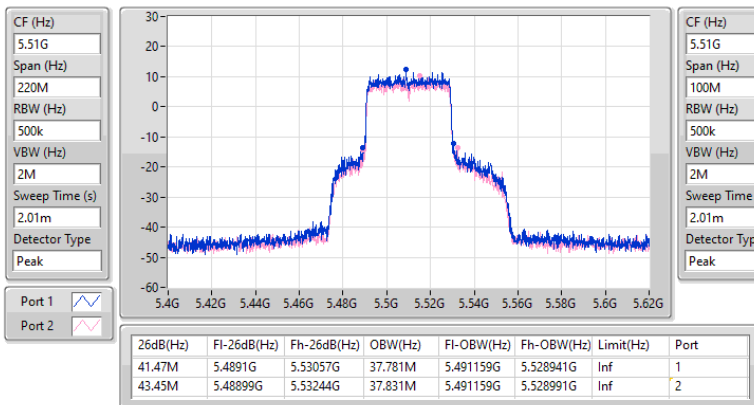


5.47-5.725GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5510MHz

17/04/2025

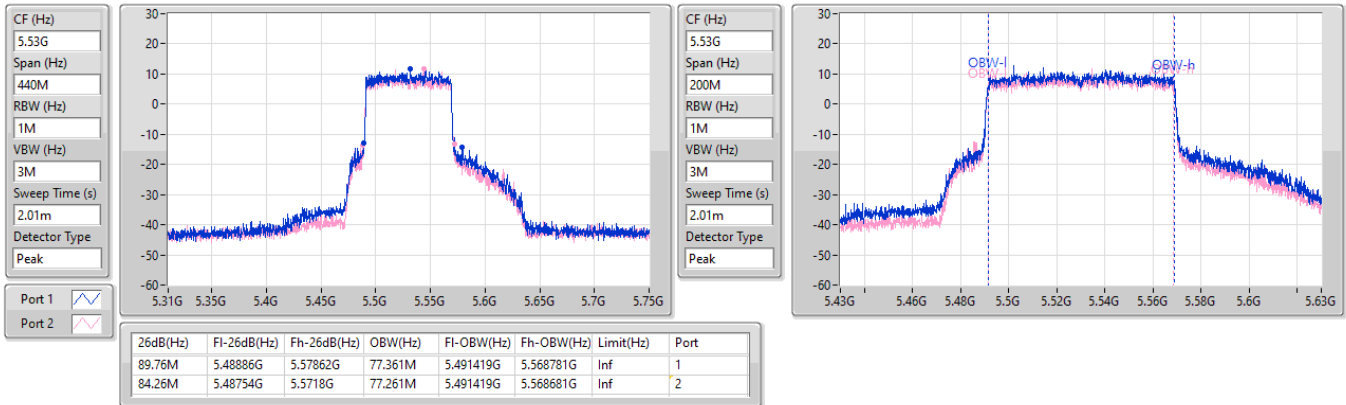


5.47-5.725GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5530MHz

17/04/2025

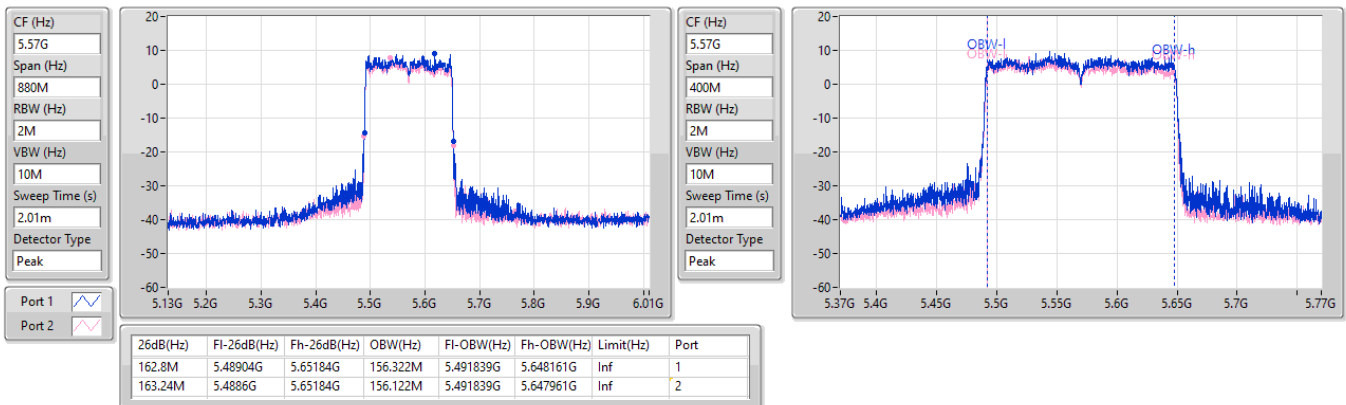


5.47-5.725GHz_802.11be EHT160_Nss2,(MCS0)_2TX

EBW

5570MHz

17/04/2025

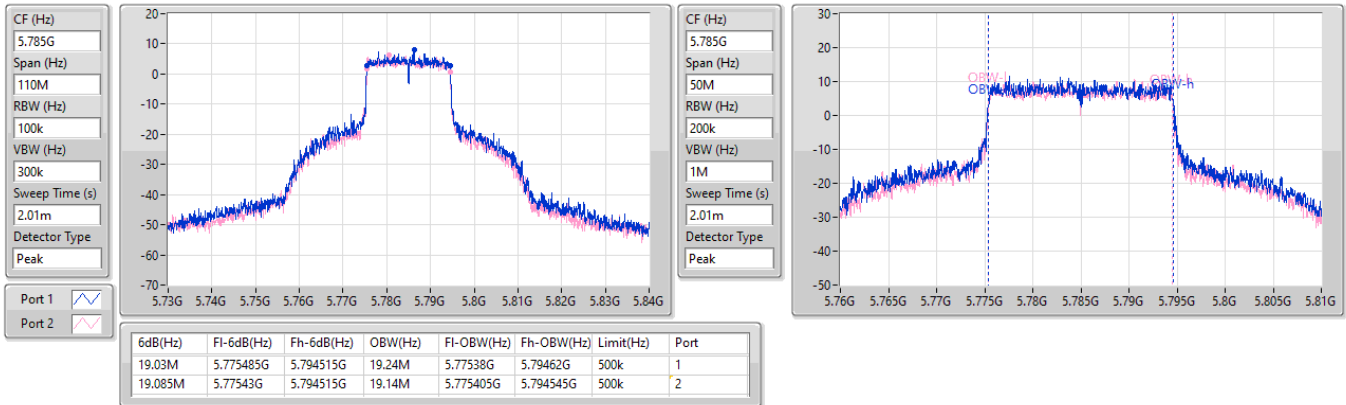


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5785MHz

17/04/2025

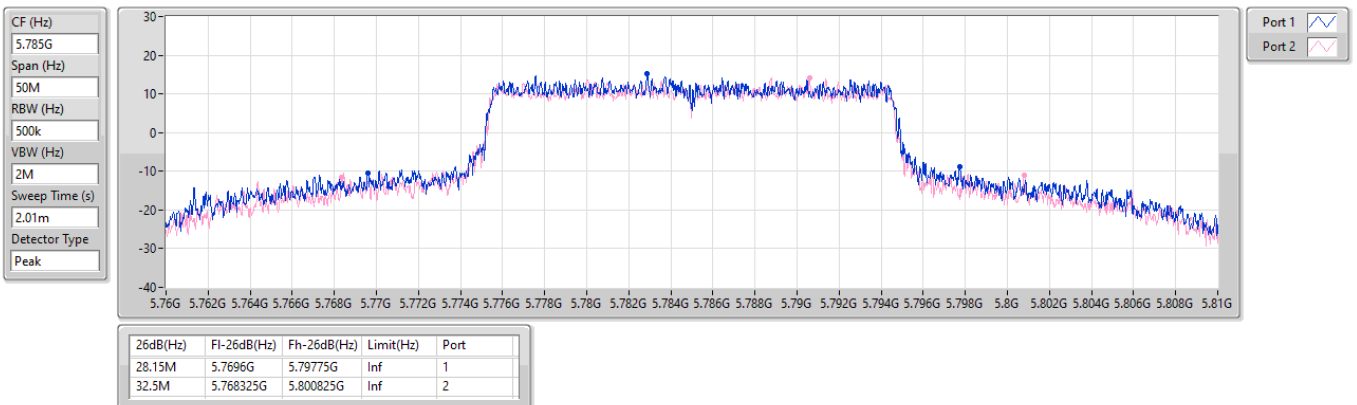


5.725-5.85GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

5785MHz

17/04/2025

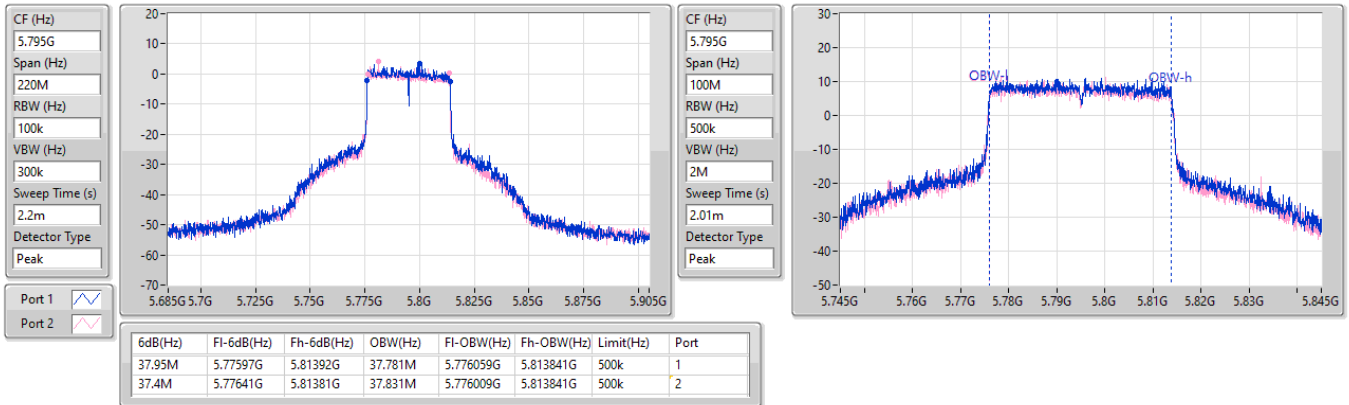


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5795MHz

17/04/2025

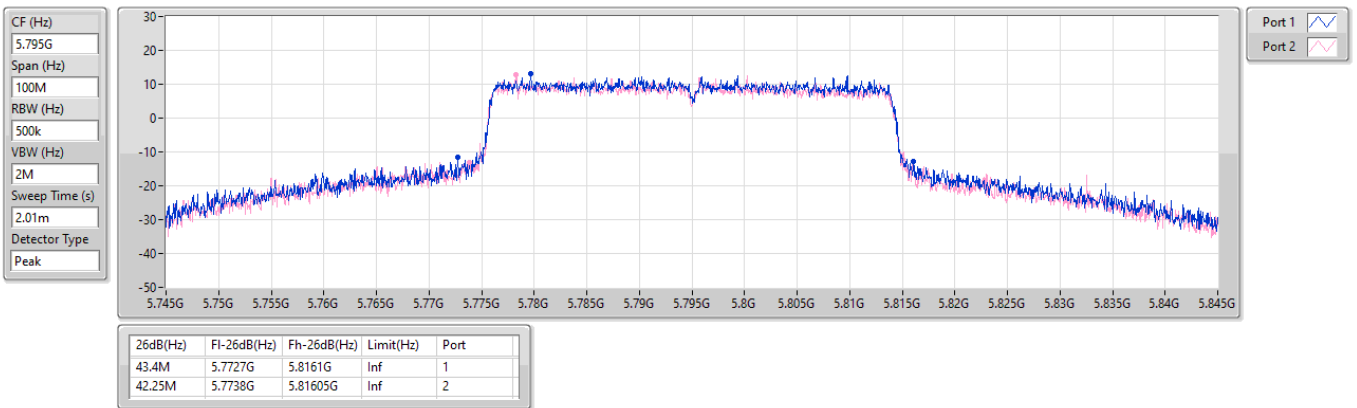


5.725-5.85GHz_802.11be EHT40_Nss2,(MCS0)_2TX

EBW

5795MHz

17/04/2025

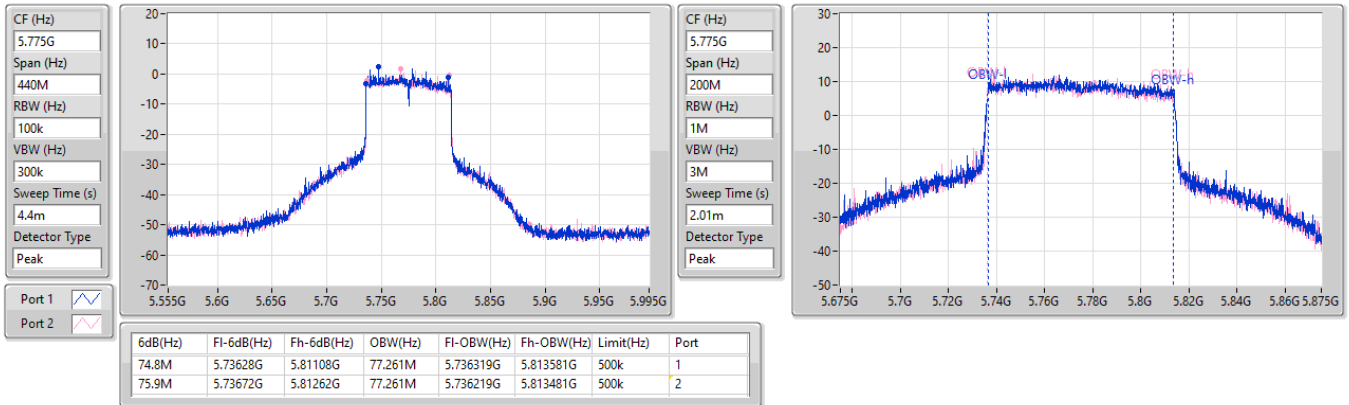


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

17/04/2025

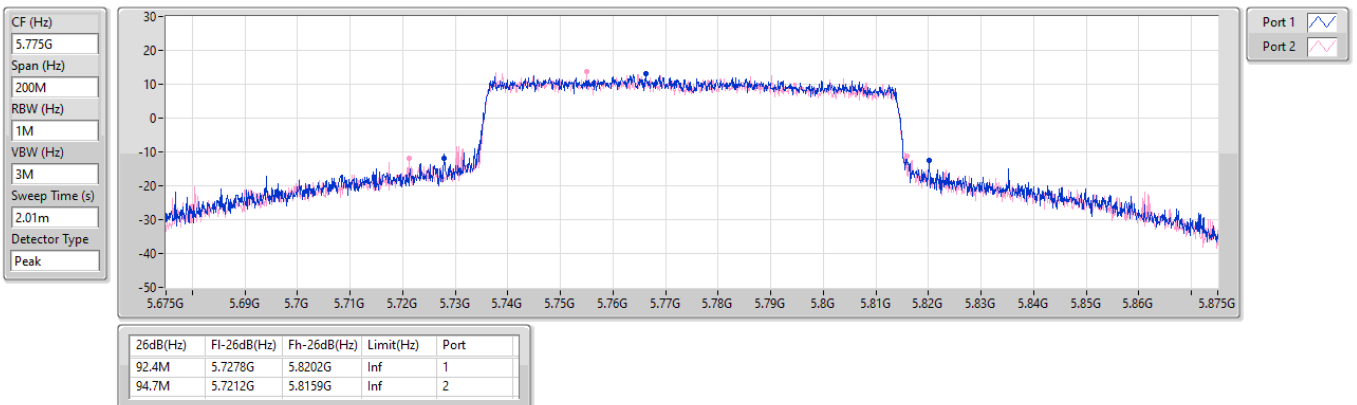


5.725-5.85GHz_802.11be EHT80_Nss2,(MCS0)_2TX

EBW

5775MHz

17/04/2025





EBW_Non-Beamforming_Radio 3_1T1S_ ***Outdoor_30 Degree Gain***

Appendix B.18

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	21.67M	16.954M	17M0D1D	21.505M	16.822M
802.11be EHT20_Nss1,(MCS0)_1TX	24.31M	19.165M	19M2D1D	23.155M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX	44.88M	37.781M	37M8D1D	40.92M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	88M	77.361M	77M4D1D	88M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.385M	16.932M	16M9D1D	21.615M	16.91M
802.11be EHT20_Nss1,(MCS0)_1TX	26.07M	19.165M	19M2D1D	21.67M	19.09M
802.11be EHT40_Nss1,(MCS0)_1TX	45.32M	37.881M	37M9D1D	43.34M	37.781M
802.11be EHT80_Nss1,(MCS0)_1TX	86.24M	77.161M	77M2D1D	86.24M	77.161M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.67M	16.954M
5200MHz	Pass	Inf	21.505M	16.822M
5240MHz	Pass	Inf	21.505M	16.822M
5260MHz	Pass	Inf	22.385M	16.91M
5300MHz	Pass	Inf	21.67M	16.932M
5320MHz	Pass	Inf	21.615M	16.932M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	23.32M	19.065M
5200MHz	Pass	Inf	24.31M	19.04M
5240MHz	Pass	Inf	23.155M	19.165M
5260MHz	Pass	Inf	21.67M	19.165M
5300MHz	Pass	Inf	25.355M	19.09M
5320MHz	Pass	Inf	26.07M	19.115M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	44.88M	37.781M
5230MHz	Pass	Inf	40.92M	37.781M
5270MHz	Pass	Inf	43.34M	37.781M
5310MHz	Pass	Inf	45.32M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	88M	77.361M
5290MHz	Pass	Inf	86.24M	77.161M

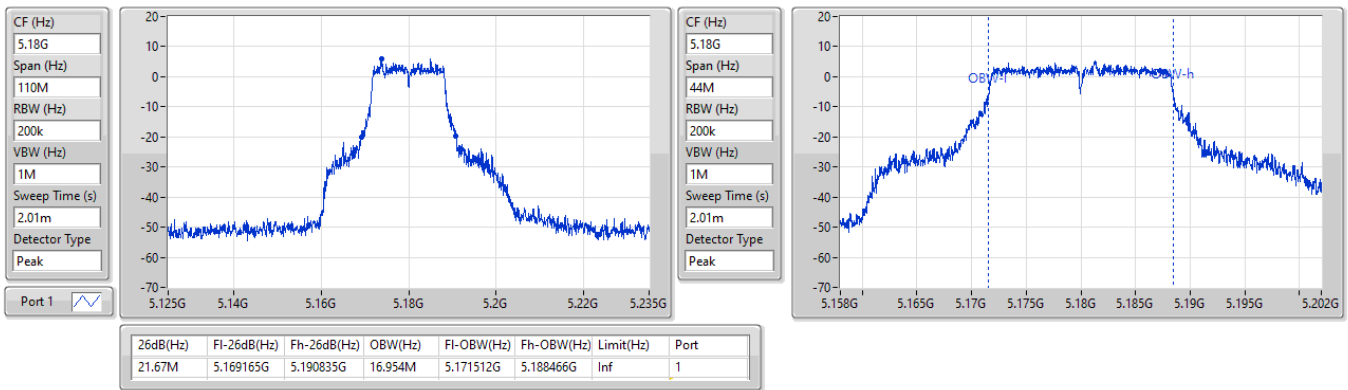
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

19/04/2025

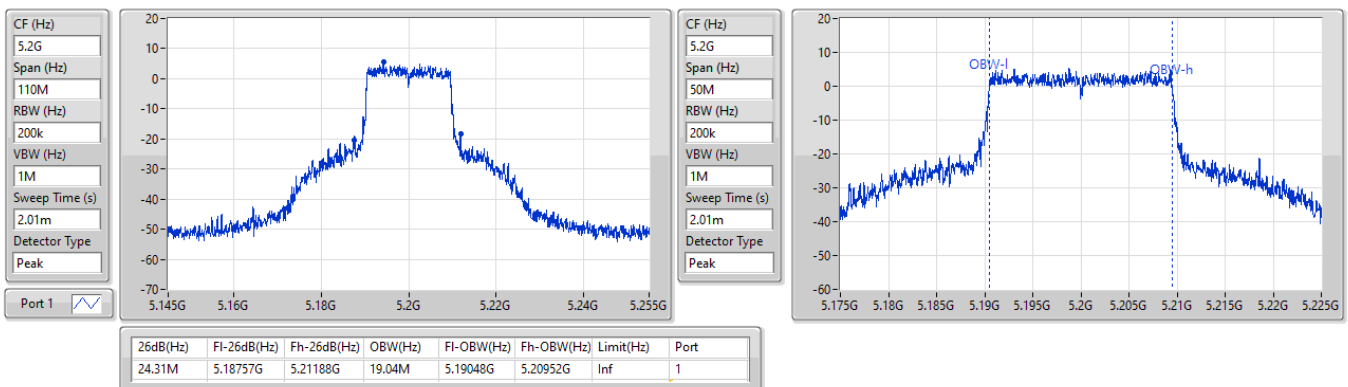


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

19/04/2025

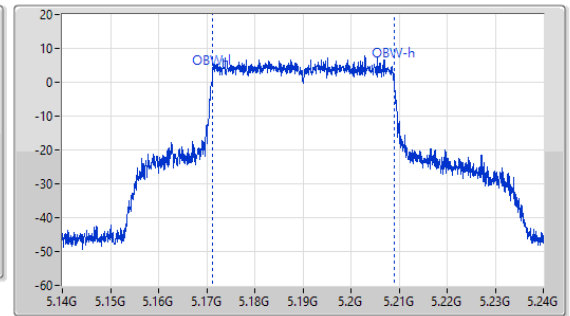
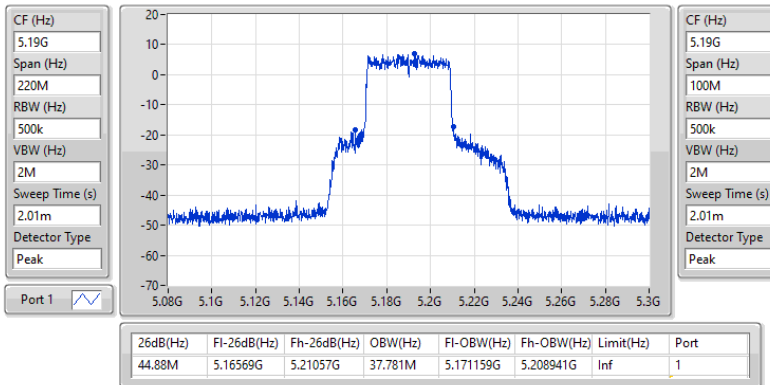


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

19/04/2025

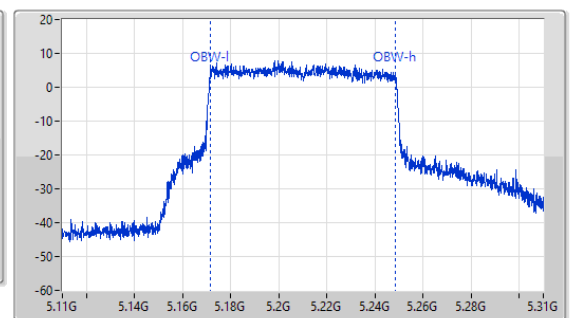
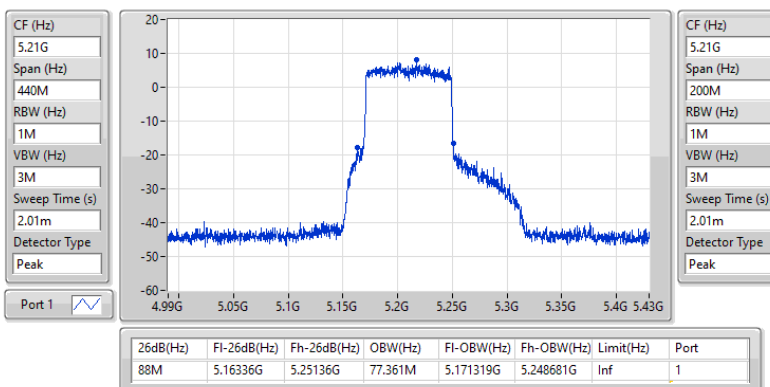


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

19/04/2025

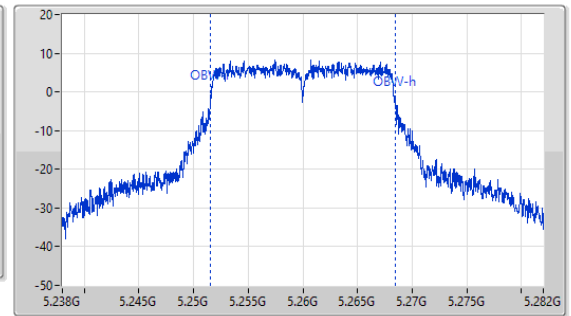
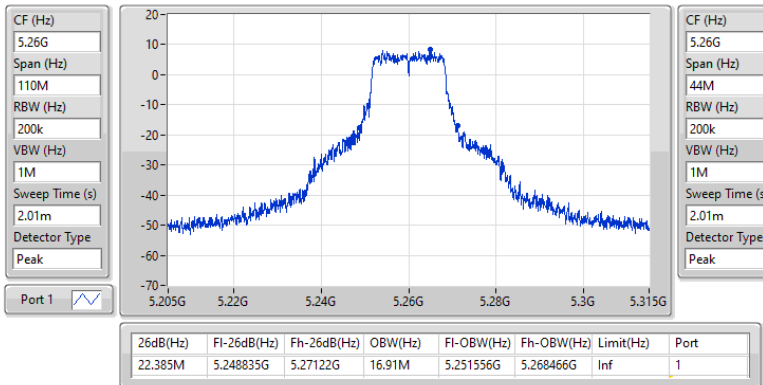


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

17/04/2025

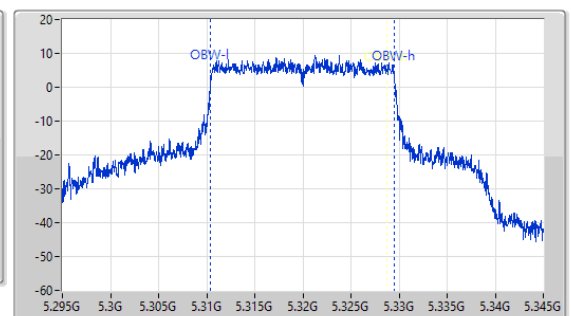
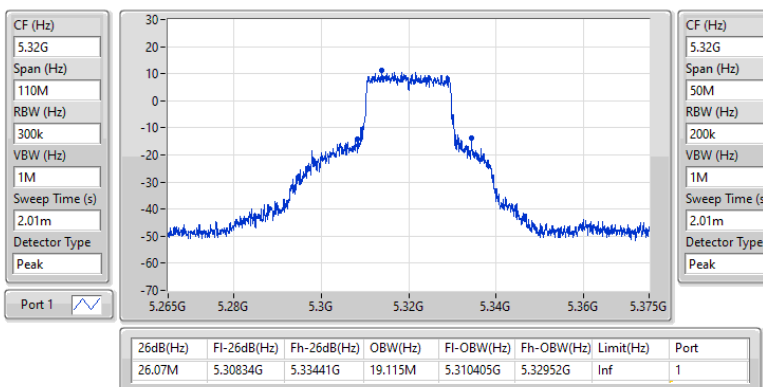


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5320MHz

17/04/2025

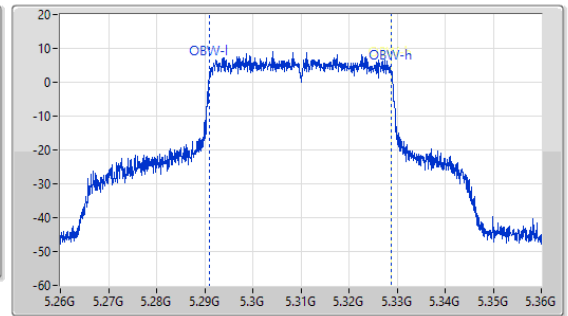
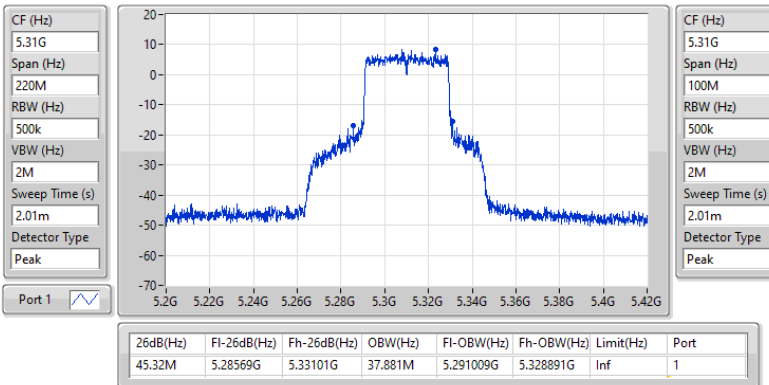


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5310MHz

18/04/2025

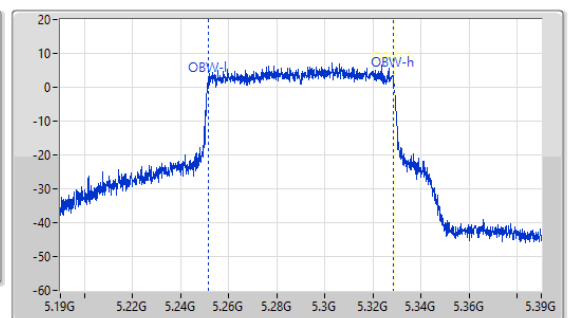
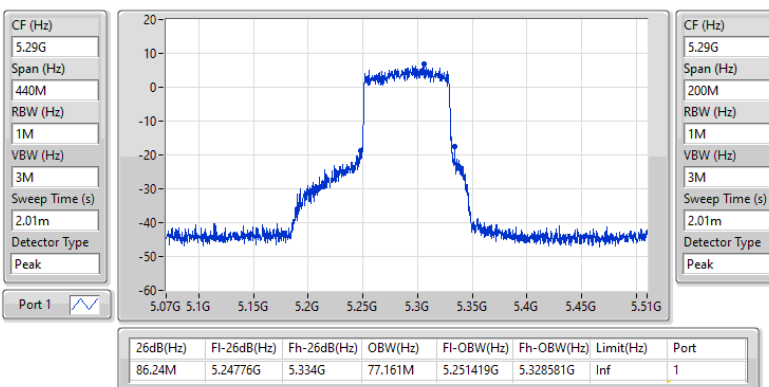


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5290MHz

18/04/2025





EBW_Non-Beamforming_Radio 3_2T1S_ Outdoor_30 Degree Gain

Appendix B.19

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	16.932M	16M9D1D	20.955M	16.866M
802.11be EHT20_Nss1,(MCS0)_2TX	28.325M	19.165M	19M2D1D	22.385M	19.065M
802.11be EHT40_Nss1,(MCS0)_2TX	45.21M	37.831M	37M8D1D	40.7M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	92.18M	77.361M	77M4D1D	87.12M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.035M	16.888M	16M9D1D	21.45M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	28.325M	19.14M	19M1D1D	21.505M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX	51.37M	37.931M	37M9D1D	41.36M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	86.24M	77.261M	77M3D1D	81.4M	77.161M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.285M	16.91M	22.495M	16.91M
5200MHz	Pass	Inf	21.78M	16.91M	21.45M	16.866M
5240MHz	Pass	Inf	20.955M	16.866M	22.77M	16.932M
5260MHz	Pass	Inf	21.78M	16.888M	21.45M	16.822M
5300MHz	Pass	Inf	21.45M	16.844M	24.035M	16.822M
5320MHz	Pass	Inf	21.56M	16.866M	22.055M	16.756M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24.2M	19.165M	22.385M	19.14M
5200MHz	Pass	Inf	28.325M	19.09M	23.1M	19.065M
5240MHz	Pass	Inf	26.29M	19.115M	27.72M	19.09M
5260MHz	Pass	Inf	24.53M	19.09M	28.325M	19.14M
5300MHz	Pass	Inf	21.505M	19.115M	22.605M	19.14M
5320MHz	Pass	Inf	25.245M	19.04M	22.495M	19.09M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.831M	45.21M	37.831M
5230MHz	Pass	Inf	41.03M	37.781M	40.7M	37.831M
5270MHz	Pass	Inf	51.37M	37.881M	41.91M	37.931M
5310MHz	Pass	Inf	41.47M	37.831M	41.36M	37.731M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	92.18M	77.361M	87.12M	77.361M
5290MHz	Pass	Inf	81.4M	77.261M	86.24M	77.161M

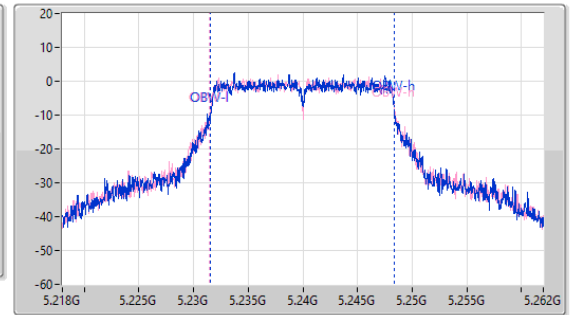
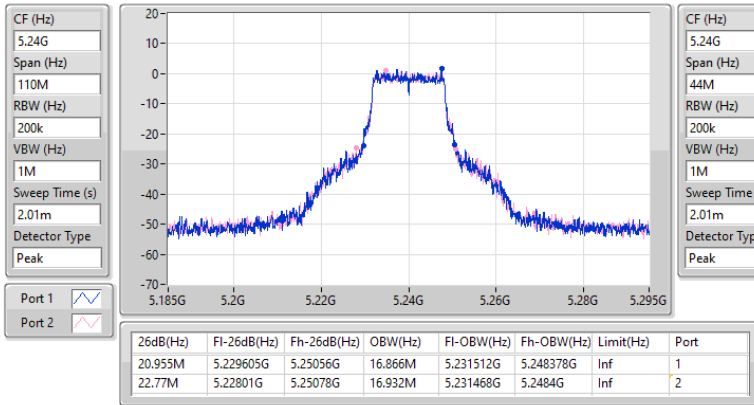
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5240MHz

19/04/2025

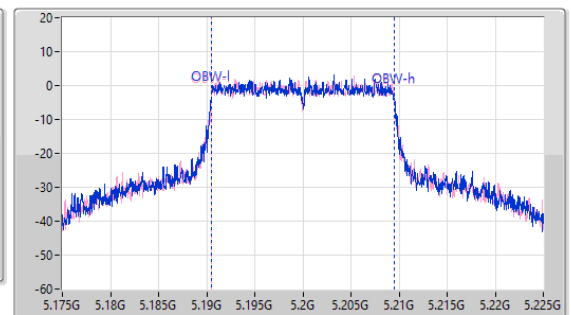
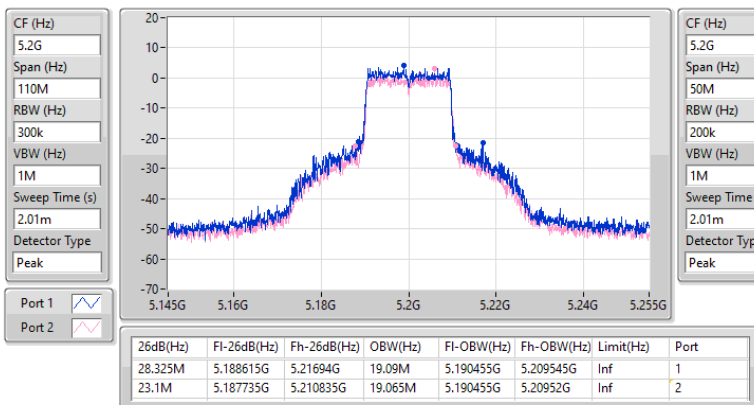


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

19/04/2025

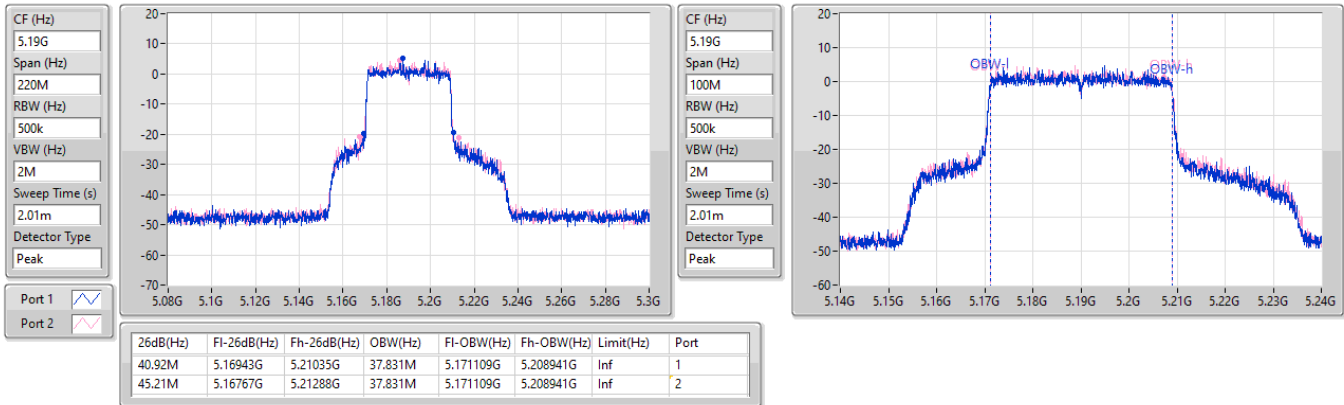


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5190MHz

19/04/2025

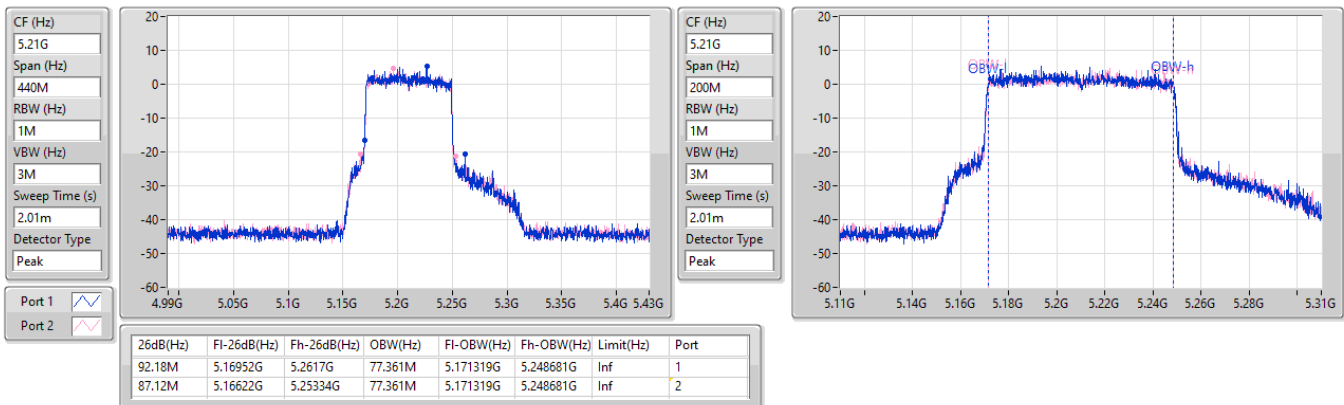


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

19/04/2025

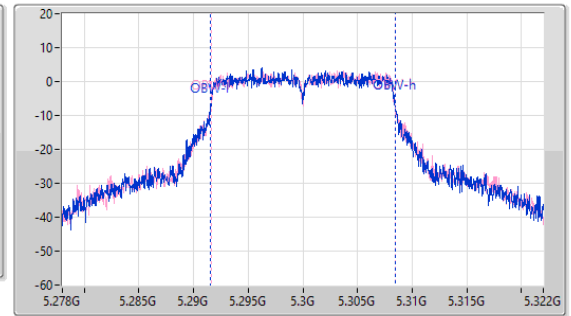
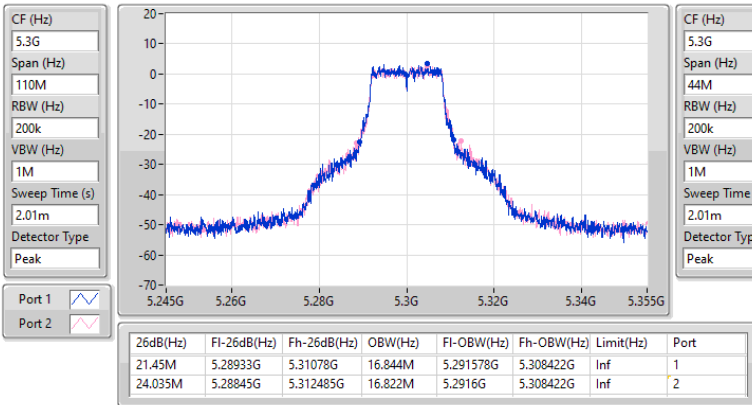


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

18/04/2025

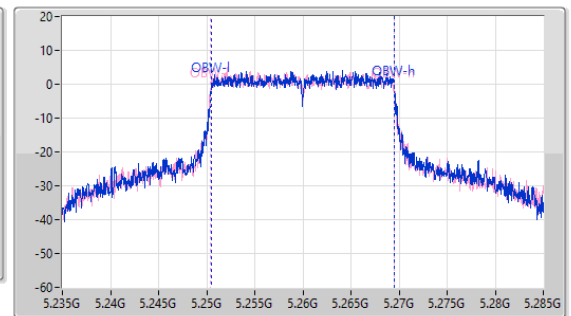
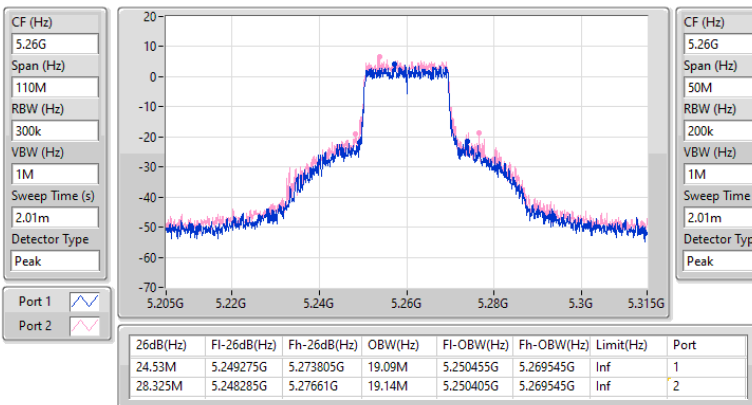


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

18/04/2025

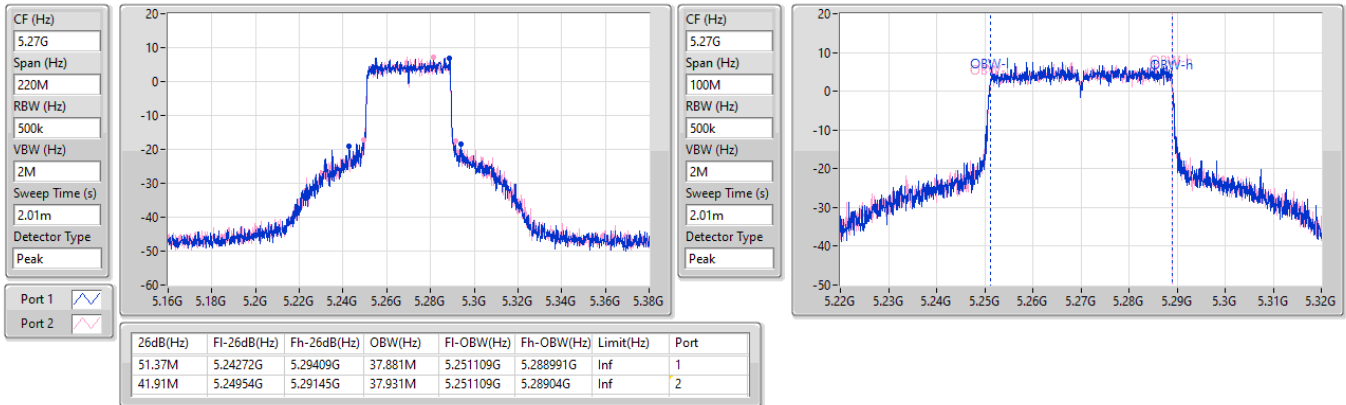


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

18/04/2025

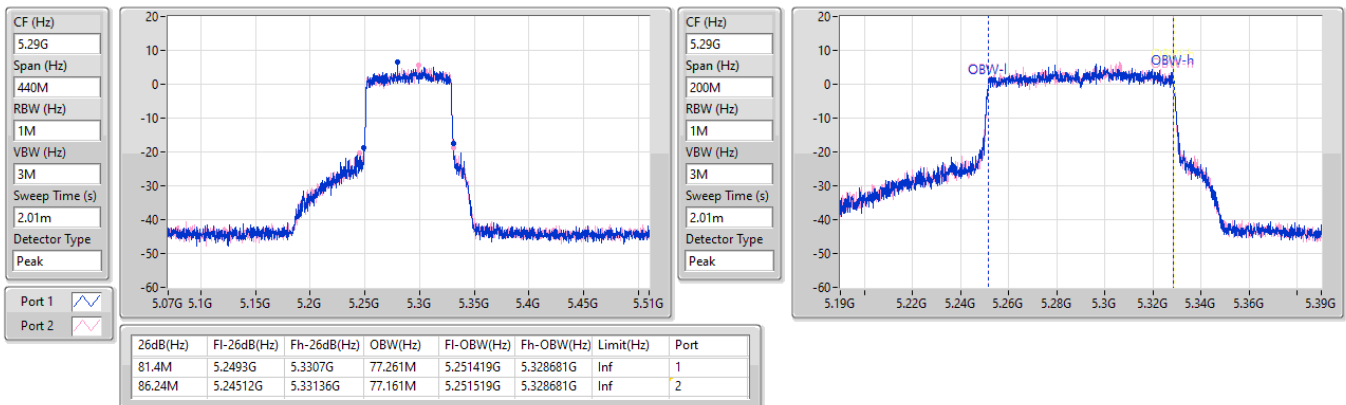


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

18/04/2025





EBW_Non-Beamforming_Radio 3_2T2S_ ***Outdoor_30 Degree Gain***

Appendix B.20

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	27.335M	19.165M	19M2D1D	21.395M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	44.88M	37.931M	37M9D1D	40.37M	37.831M
802.11be EHT80_Nss2,(MCS0)_2TX	90.86M	77.361M	77M4D1D	84.92M	77.261M
5.25-5.35GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	23.54M	19.115M	19M1D1D	21.285M	19.04M
802.11be EHT40_Nss2,(MCS0)_2TX	42.35M	37.881M	37M9D1D	40.92M	37.731M
802.11be EHT80_Nss2,(MCS0)_2TX	81.4M	77.361M	77M4D1D	80.52M	77.161M

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_
Outdoor_30 Degree Gain**

Appendix B.20

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	25.135M	19.09M	24.86M	19.165M
5200MHz	Pass	Inf	21.395M	19.14M	23.485M	19.115M
5240MHz	Pass	Inf	27.335M	19.115M	25.96M	19.04M
5260MHz	Pass	Inf	21.285M	19.09M	21.395M	19.115M
5300MHz	Pass	Inf	22.275M	19.09M	23.54M	19.04M
5320MHz	Pass	Inf	21.45M	19.04M	22.99M	19.115M
802.11be EHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	44M	37.881M	44.88M	37.831M
5230MHz	Pass	Inf	40.37M	37.931M	40.92M	37.831M
5270MHz	Pass	Inf	42.35M	37.831M	40.92M	37.881M
5310MHz	Pass	Inf	41.03M	37.731M	41.58M	37.781M
802.11be EHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.92M	77.261M	90.86M	77.361M
5290MHz	Pass	Inf	81.4M	77.161M	80.52M	77.361M

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