



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	36.45M	19.065M	19M1D1D	21.95M	18.966M
802.11ax HEW40_Nss2,(MCS0)_2TX	77.2M	37.631M	37M6D1D	39.9M	37.531M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.8M	76.862M	76M9D1D	81.3M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.7M	26.812M	26M8D1D	18.6M	20.065M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.35M	60.42M	60M4D1D	36.05M	40.68M
802.11ax HEW80_Nss2,(MCS0)_2TX	76.9M	77.361M	77M4D1D	76.5M	77.261M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

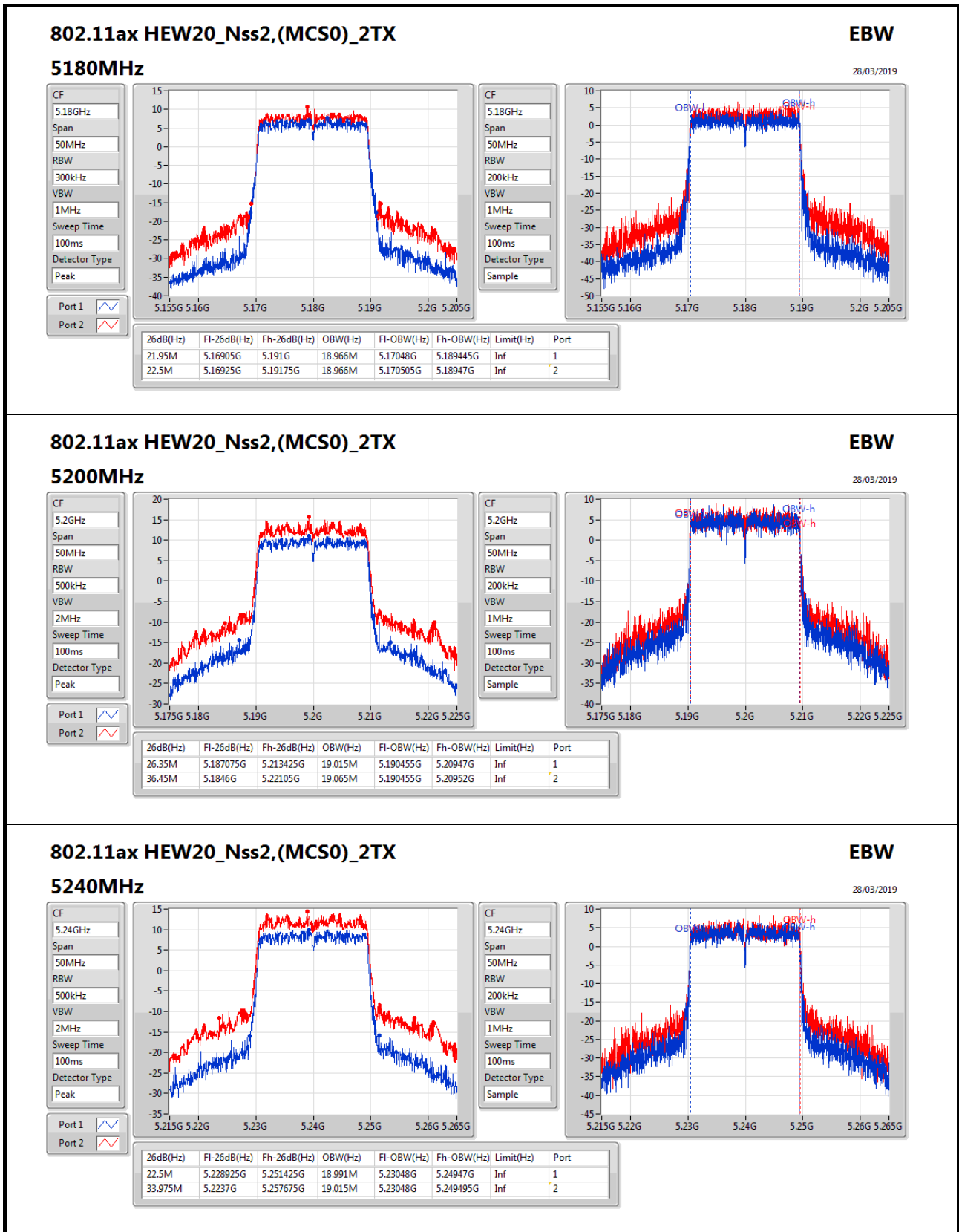
Min-OBW = Minimum 99% occupied bandwidth;

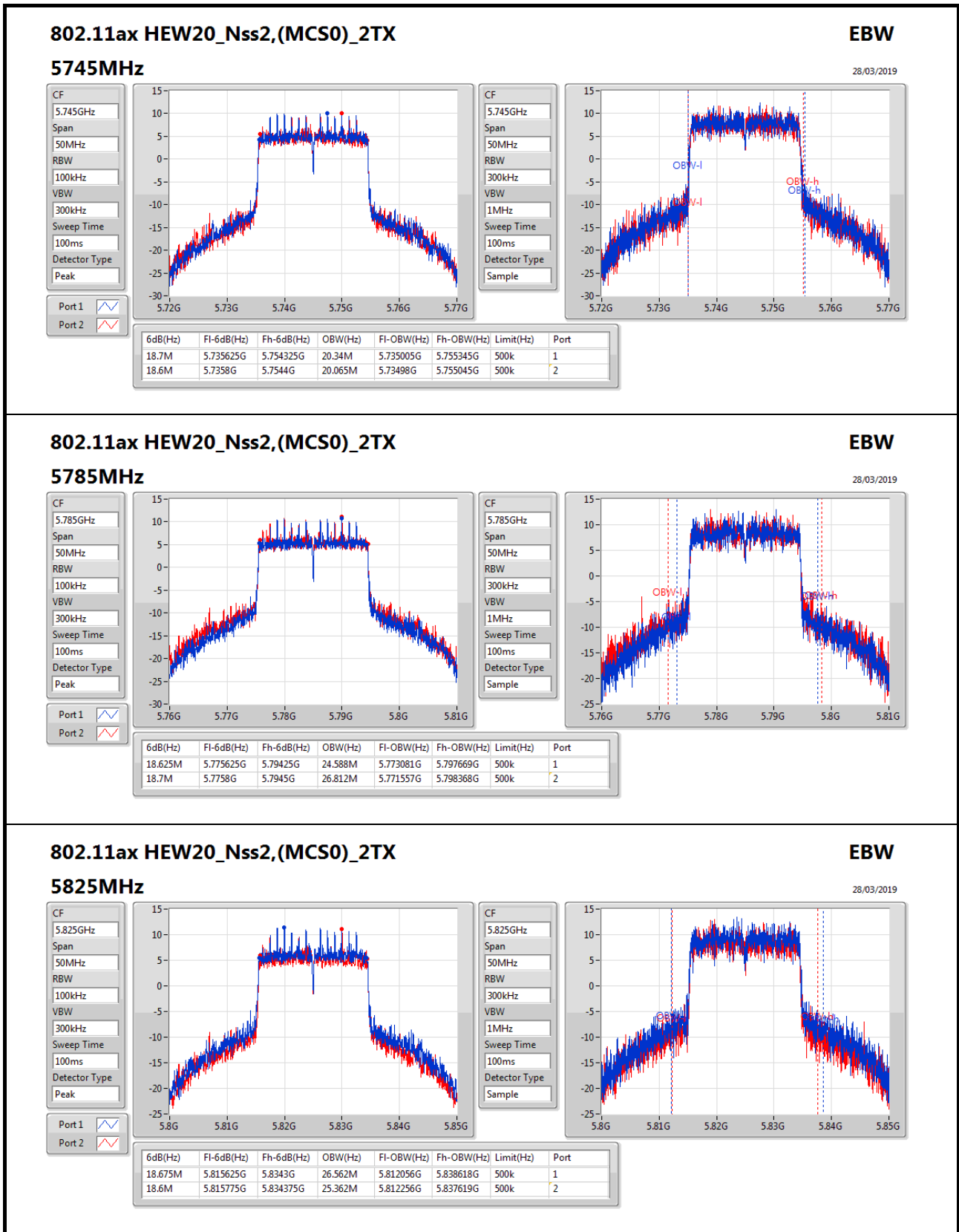


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.95M	18.966M	22.5M	18.966M
5200MHz	Pass	Inf	26.35M	19.015M	36.45M	19.065M
5240MHz	Pass	Inf	22.5M	18.991M	33.975M	19.015M
5745MHz	Pass	500k	18.7M	20.34M	18.6M	20.065M
5785MHz	Pass	500k	18.625M	24.588M	18.7M	26.812M
5825MHz	Pass	500k	18.675M	26.562M	18.6M	25.362M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	37.531M	39.95M	37.531M
5230MHz	Pass	Inf	43.25M	37.631M	77.2M	37.631M
5755MHz	Pass	500k	36.9M	40.68M	37.35M	44.478M
5795MHz	Pass	500k	36.05M	60.42M	37.2M	56.572M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	76.862M	81.3M	76.762M
5775MHz	Pass	500k	76.9M	77.361M	76.5M	77.261M

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




802.11ax HEW20_Nss2,(MCS0)_2TX
EBW

5825MHz

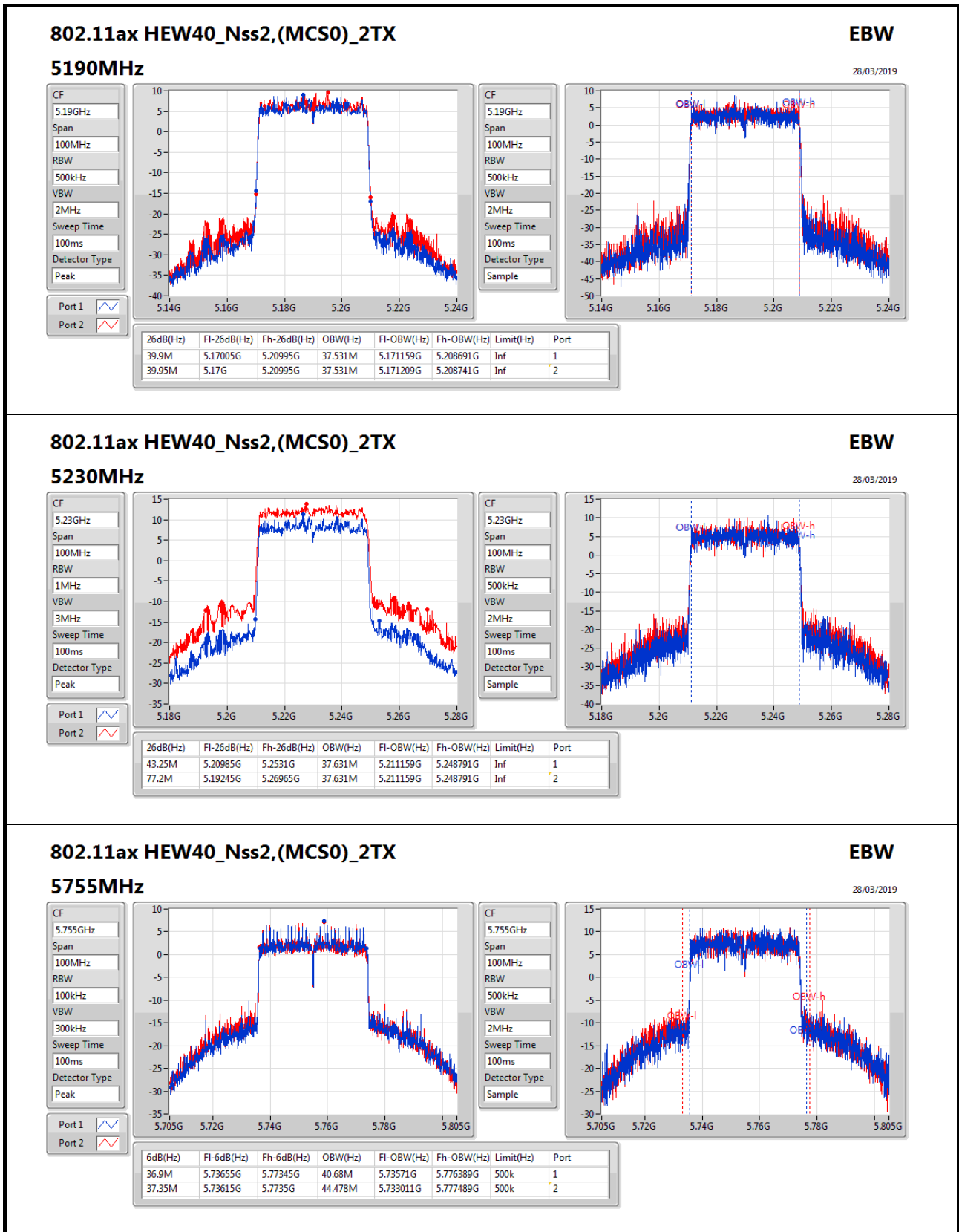
28/03/2019

CF: 5.825GHz
Span: 50MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

Port 1:

Port 2:

CF: 5.825GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample


802.11ax HEW40_Nss2,(MCS0)_2TX
EBW

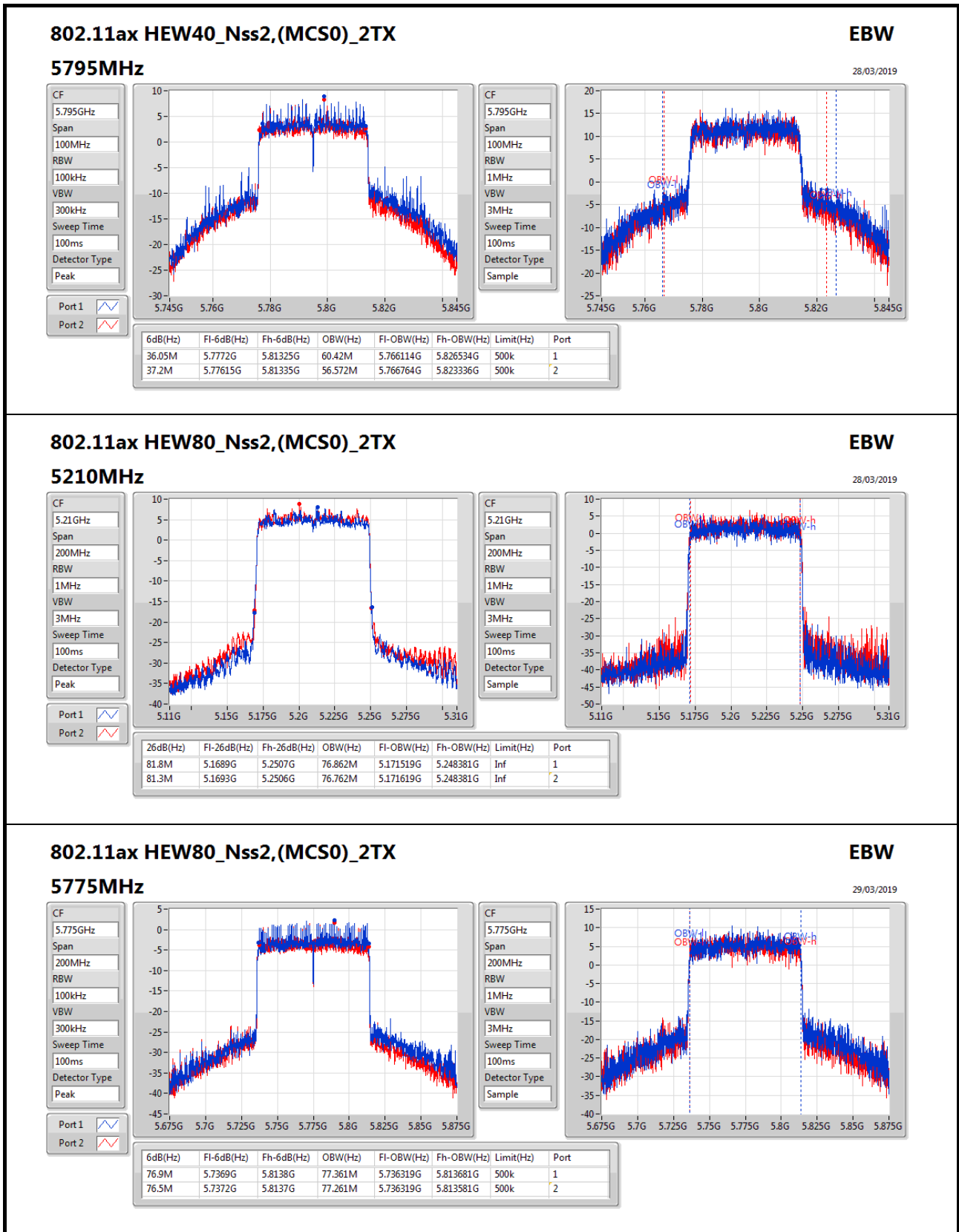
5755MHz 28/03/2019

CF: 5.755GHz
Span: 100MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

Port 1:

Port 2:

CF: 5.755GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Sample





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.05M	16.642M	16M6D1D	21.425M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	24.25M	18.991M	19M0D1D	21.45M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	70.65M	37.681M	37M7D1D	39.85M	37.531M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.7M	77.061M	77M1D1D	81.2M	76.862M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	27.261M	27M3D1D	16.3M	23.413M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.975M	25.887M	25M9D1D	18.475M	19.84M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.6M	49.625M	49M6D1D	36.75M	38.031M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.1M	77.261M	77M3D1D	76.9M	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;

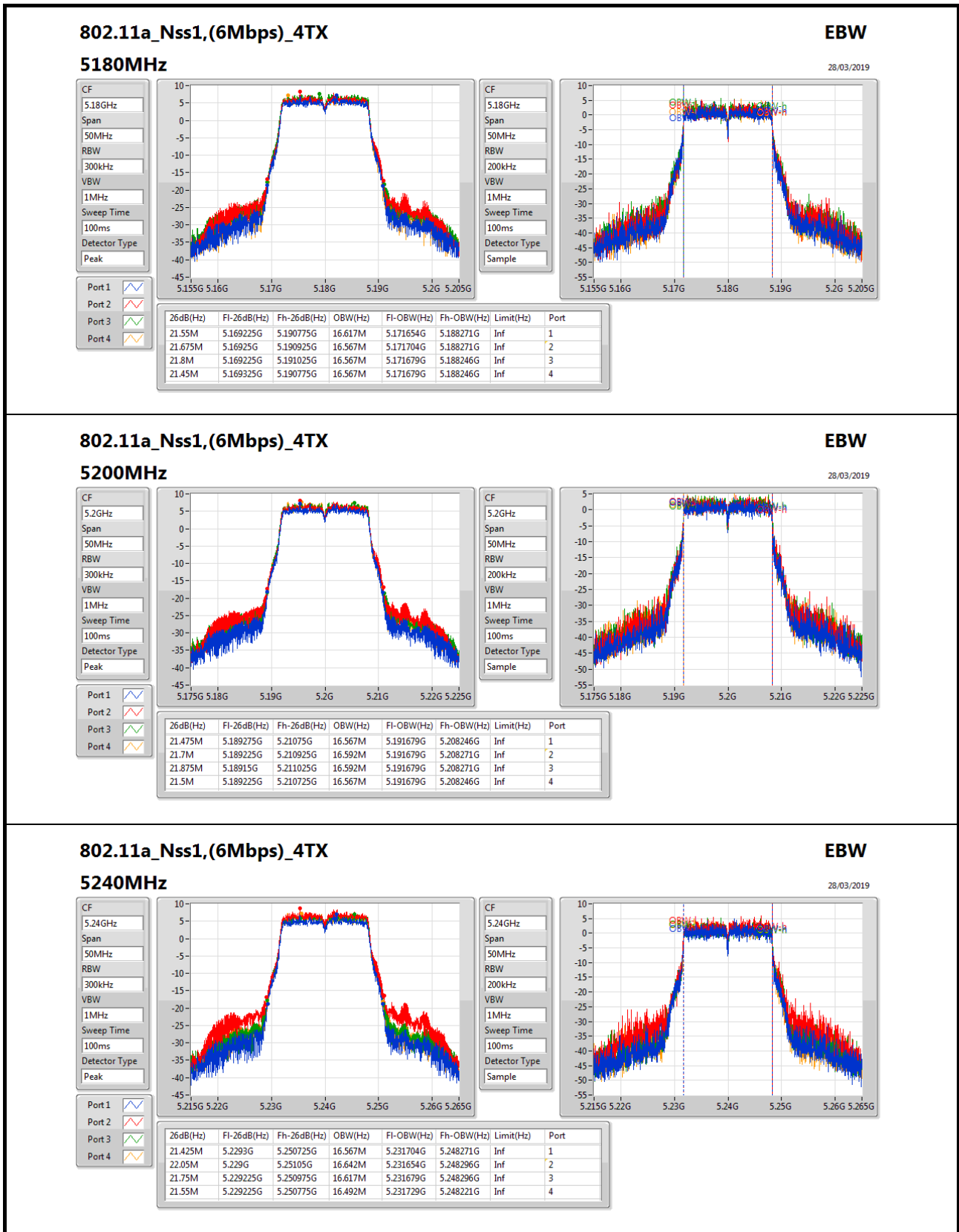


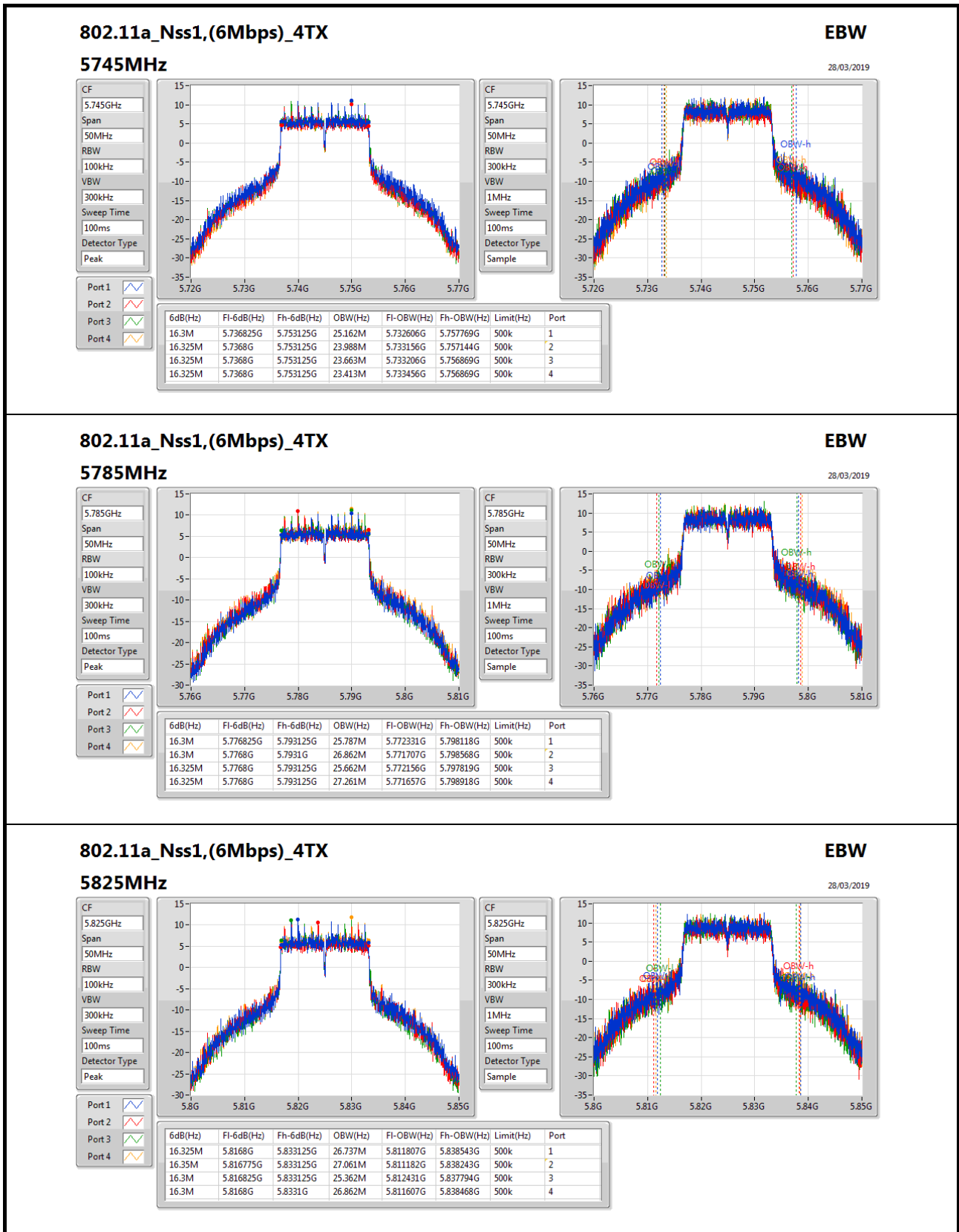
Result

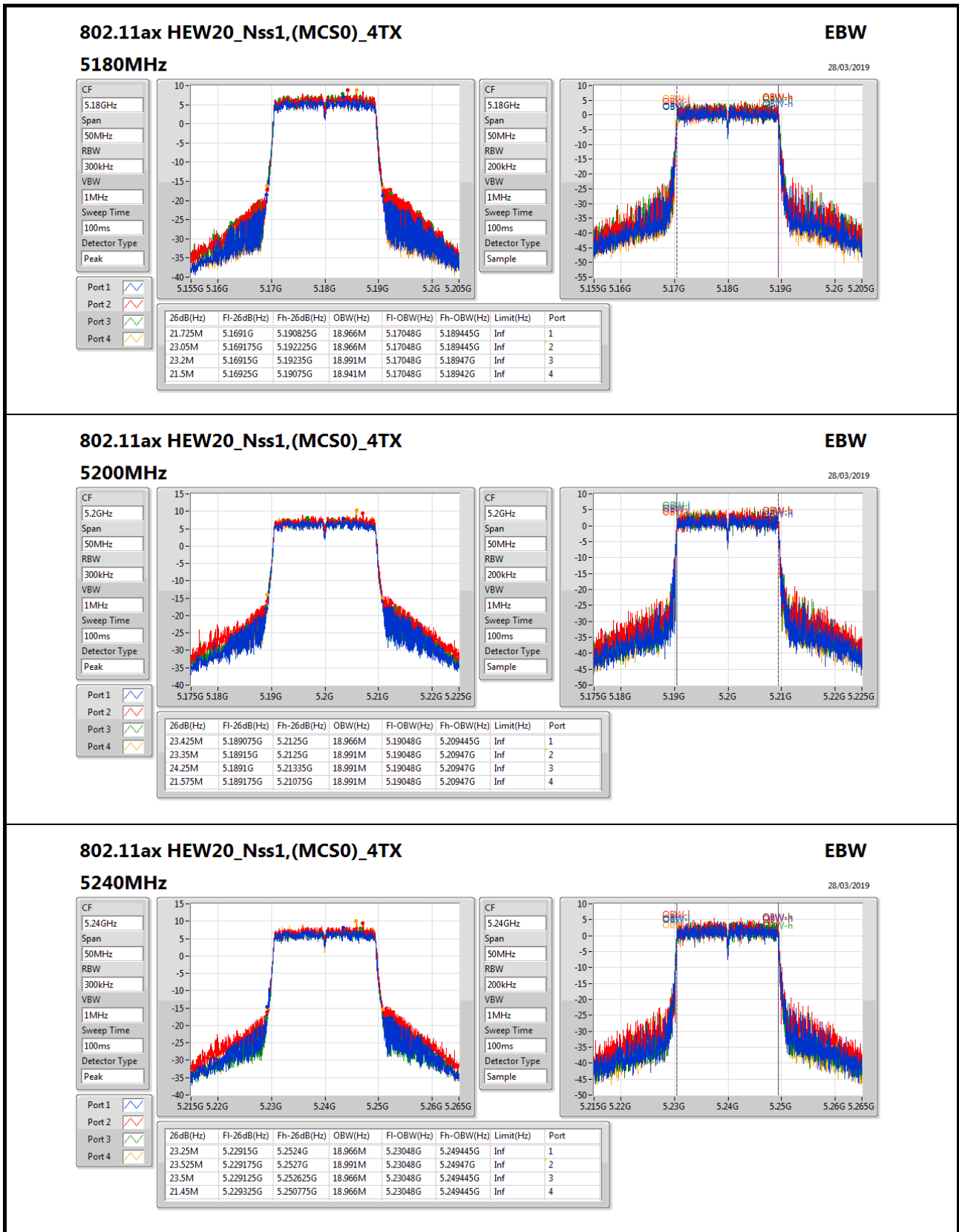
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.55M	16.617M	21.675M	16.567M	21.8M	16.567M	21.45M	16.567M
5200MHz	Pass	Inf	21.475M	16.567M	21.7M	16.592M	21.875M	16.592M	21.5M	16.567M
5240MHz	Pass	Inf	21.425M	16.567M	22.05M	16.642M	21.75M	16.617M	21.55M	16.492M
5745MHz	Pass	500k	16.3M	25.162M	16.325M	23.988M	16.325M	23.663M	16.325M	23.413M
5785MHz	Pass	500k	16.3M	25.787M	16.3M	26.862M	16.325M	25.662M	16.325M	27.261M
5825MHz	Pass	500k	16.325M	26.737M	16.35M	27.061M	16.3M	25.362M	16.3M	26.862M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.725M	18.966M	23.05M	18.966M	23.2M	18.991M	21.5M	18.941M
5200MHz	Pass	Inf	23.425M	18.966M	23.35M	18.991M	24.25M	18.991M	21.575M	18.991M
5240MHz	Pass	Inf	23.25M	18.966M	23.525M	18.991M	23.5M	18.966M	21.45M	18.966M
5745MHz	Pass	500k	18.95M	20.815M	18.925M	21.239M	18.975M	19.84M	18.95M	20.54M
5785MHz	Pass	500k	18.725M	23.638M	18.825M	24.963M	18.825M	22.564M	18.475M	25.862M
5825MHz	Pass	500k	18.775M	25.887M	18.95M	25.312M	18.475M	23.688M	18.825M	24.788M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.85M	37.531M	40.05M	37.581M	40.15M	37.531M	40.2M	37.531M
5230MHz	Pass	Inf	45.35M	37.631M	70.65M	37.631M	45.5M	37.681M	55.6M	37.631M
5755MHz	Pass	500k	37.5M	38.481M	36.75M	38.231M	37.5M	38.031M	37.6M	38.281M
5795MHz	Pass	500k	37.45M	47.326M	36.95M	49.625M	37.45M	46.177M	37.25M	46.627M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	77.061M	81.3M	77.061M	81.2M	76.962M	81.7M	76.862M
5775MHz	Pass	500k	77.1M	77.261M	76.9M	77.261M	77M	77.161M	76.9M	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;

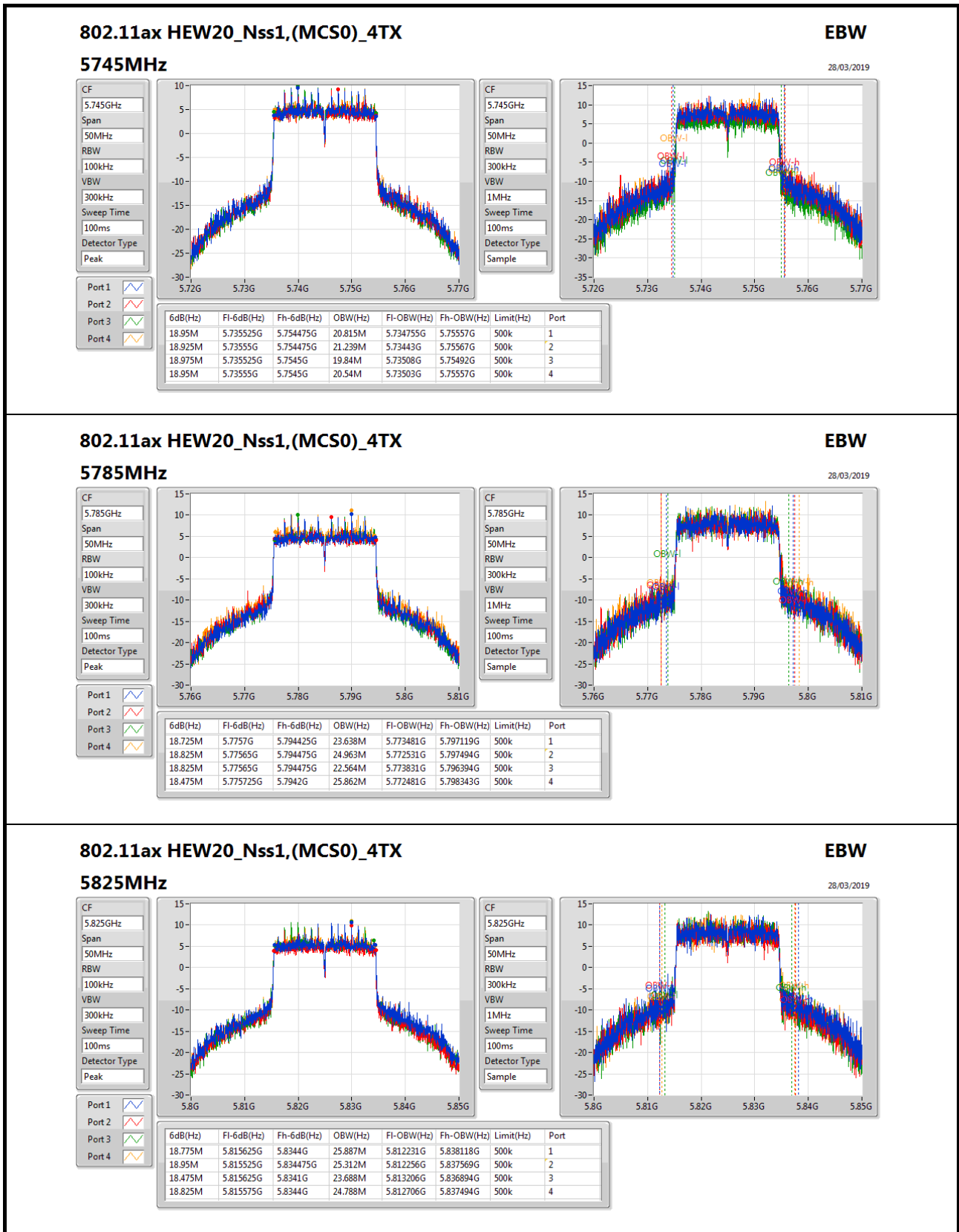


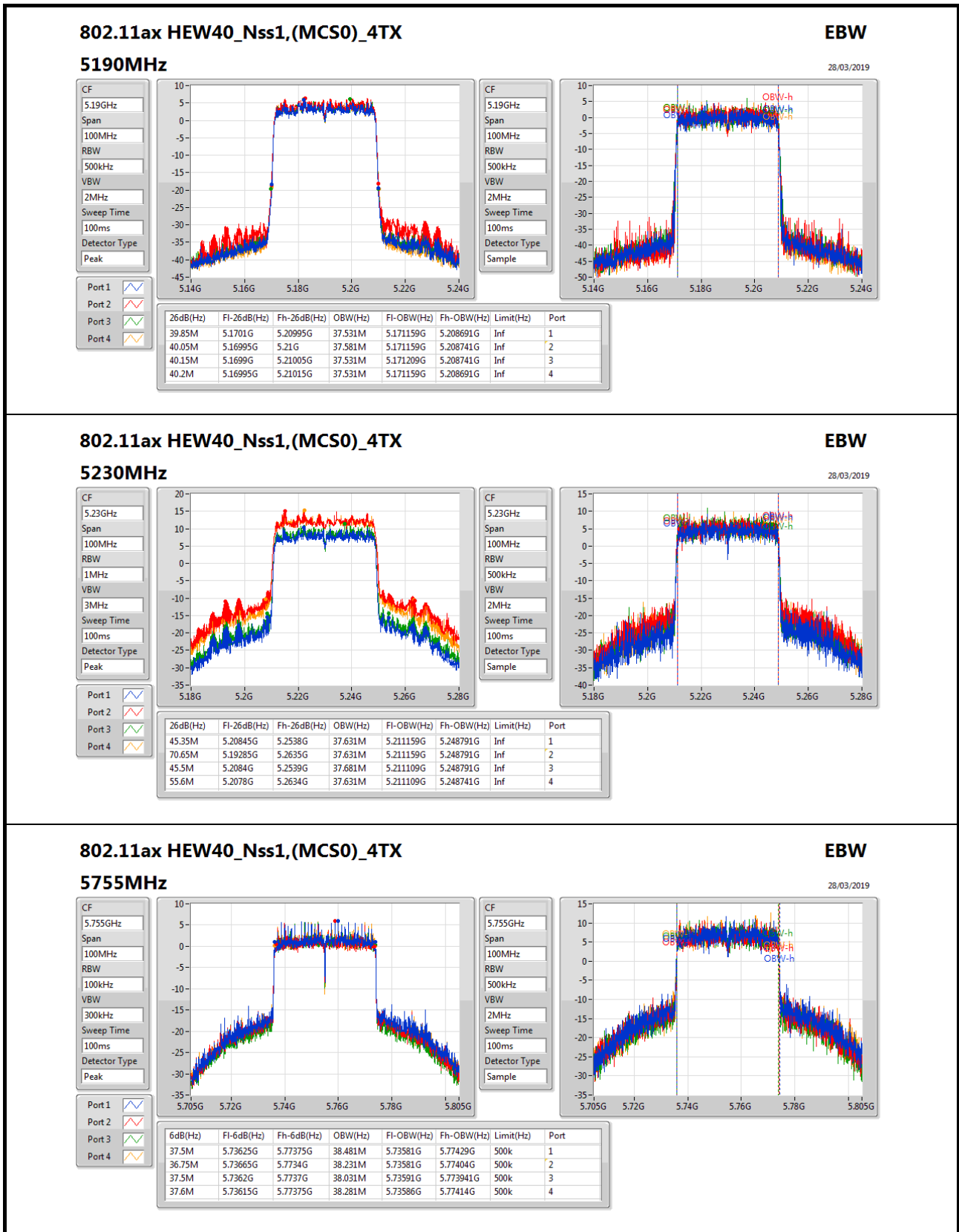



802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz
28/03/2019

CF: 5.24GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Peak

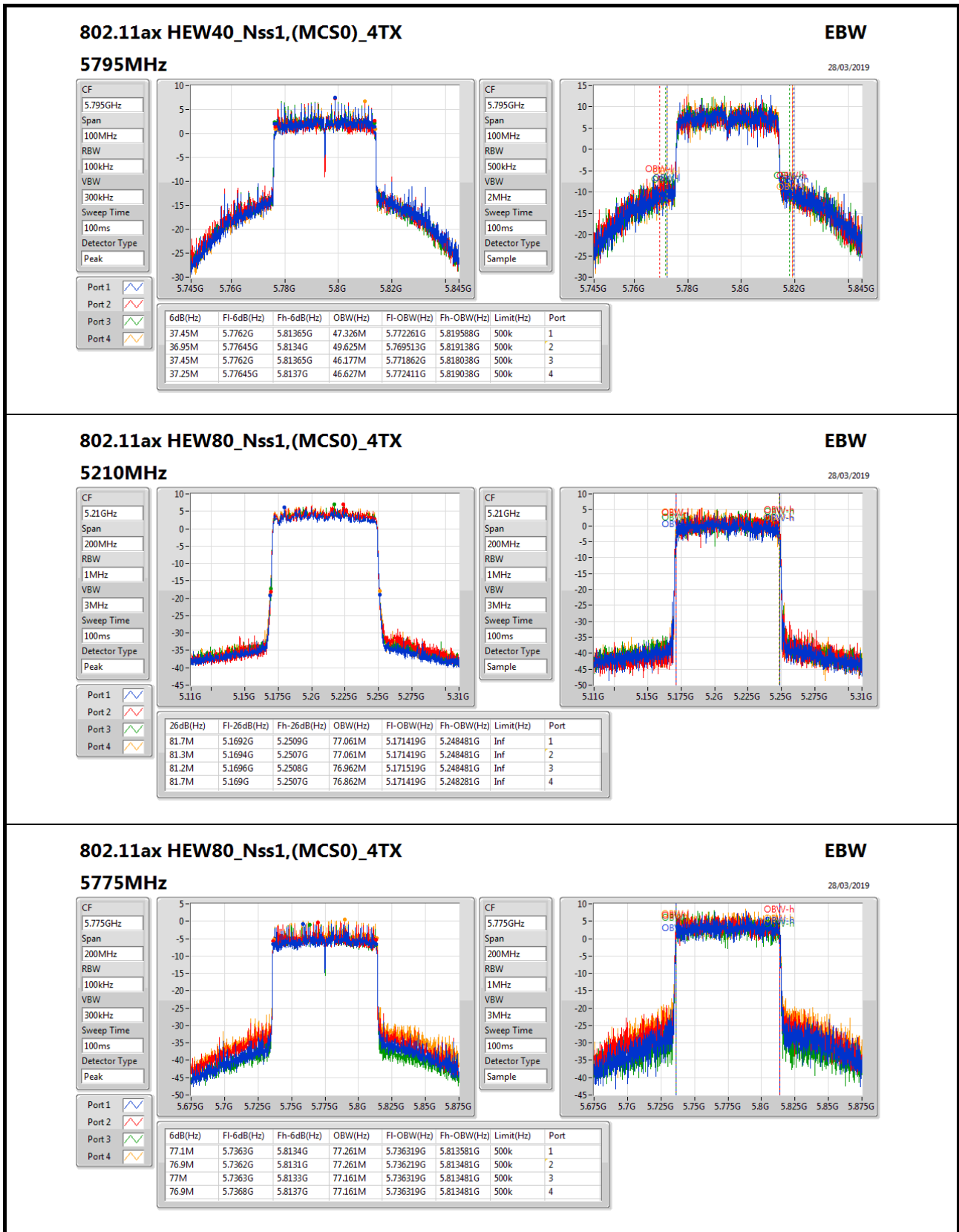
CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample




802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5755MHz
28/03/2019

CF: 5.755GHz
Span: 100MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.755GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Sample



802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz

EBW
28/03/2019

CF: 5.775GHz
Span: 200MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.775GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Sample



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.35M	19.015M	19M0D1D	21.45M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.25M	37.631M	37M6D1D	40M	37.531M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.7M	77.161M	77M2D1D	81.4M	77.161M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	18.991M	19M0D1D	18.925M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.55M	37.631M	37M6D1D	37.15M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.5M	77.261M	77M3D1D	76.8M	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;

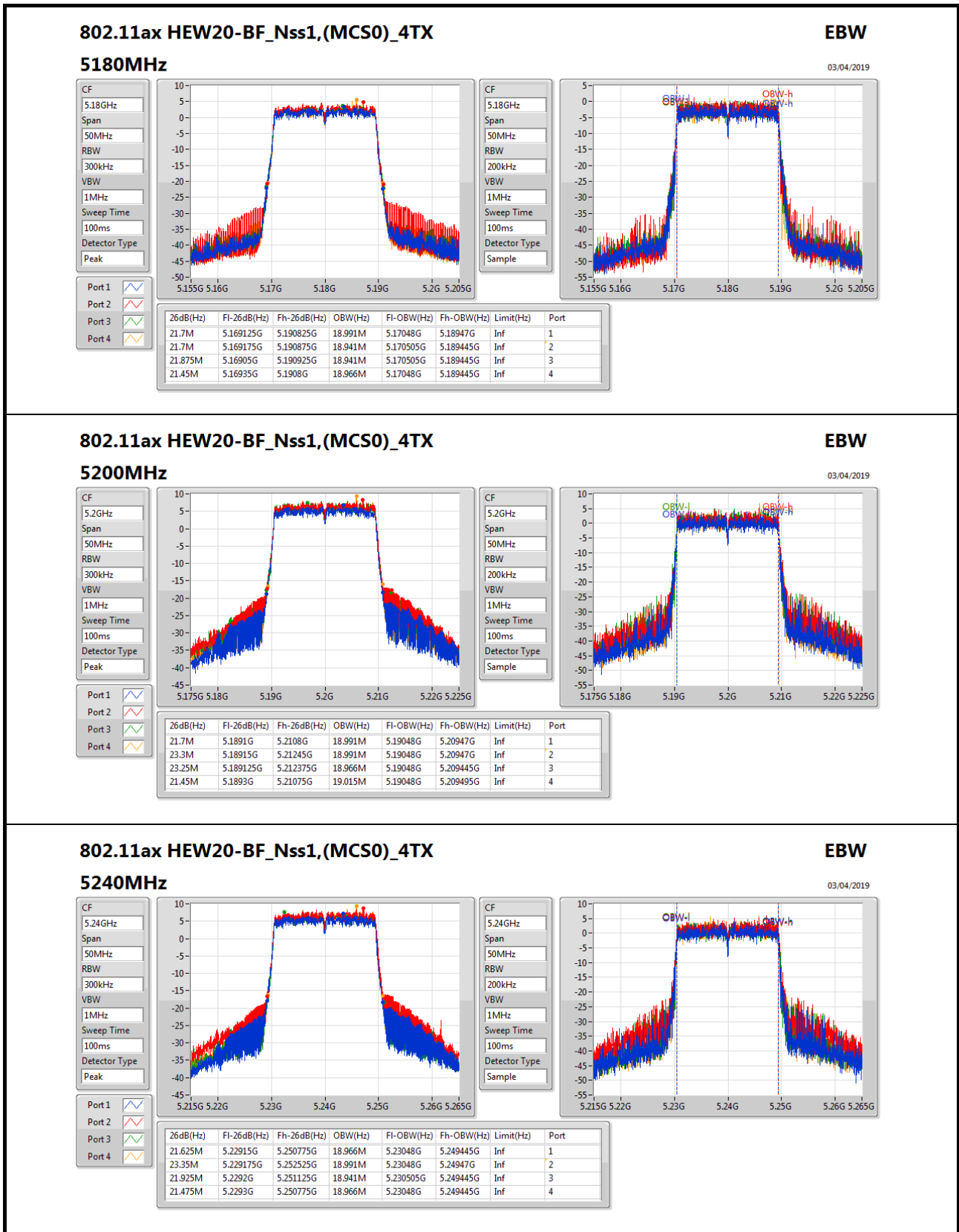
Min-OBW = Minimum 99% occupied bandwidth;



Result

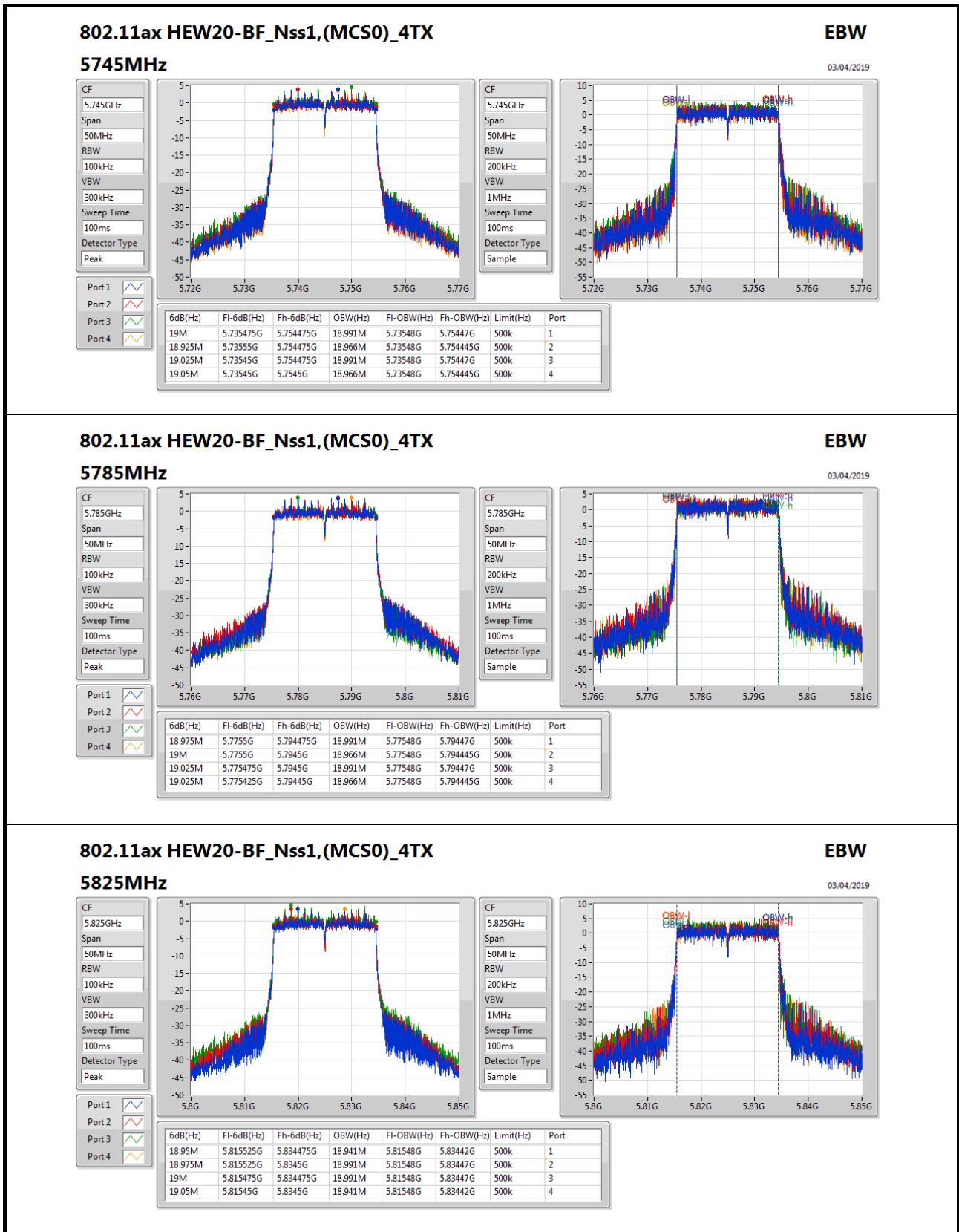
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.7M	18.991M	21.7M	18.941M	21.875M	18.941M	21.45M	18.966M
5200MHz	Pass	Inf	21.7M	18.991M	23.3M	18.991M	23.25M	18.966M	21.45M	19.015M
5240MHz	Pass	Inf	21.625M	18.966M	23.35M	18.991M	21.925M	18.941M	21.475M	18.966M
5745MHz	Pass	500k	19M	18.991M	18.925M	18.966M	19.025M	18.991M	19.05M	18.966M
5785MHz	Pass	500k	18.975M	18.991M	19M	18.966M	19.025M	18.991M	19.025M	18.966M
5825MHz	Pass	500k	18.95M	18.941M	18.975M	18.991M	19M	18.991M	19.05M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	37.631M	40.1M	37.581M	40.1M	37.631M	40.25M	37.581M
5230MHz	Pass	Inf	40M	37.581M	40.05M	37.531M	40.15M	37.581M	40.15M	37.581M
5755MHz	Pass	500k	37.35M	37.531M	37.5M	37.581M	37.25M	37.631M	37.45M	37.531M
5795MHz	Pass	500k	37.55M	37.531M	37.35M	37.481M	37.5M	37.531M	37.15M	37.531M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.161M	81.4M	77.161M	81.5M	77.161M	81.7M	77.161M
5775MHz	Pass	500k	76.8M	77.161M	77.1M	77.261M	76.9M	77.061M	77.5M	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;


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW

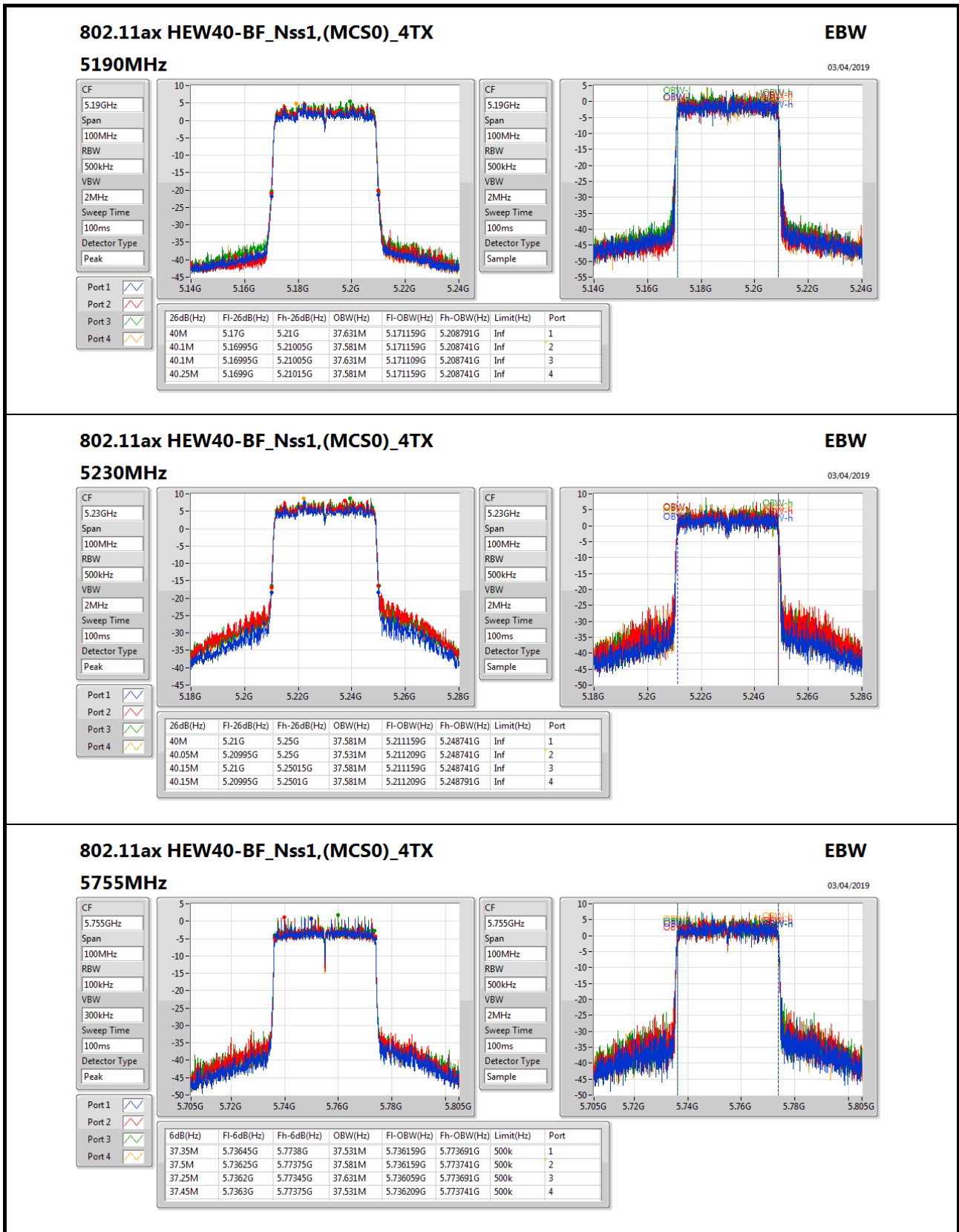
CF: 5.24GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz
03/04/2019

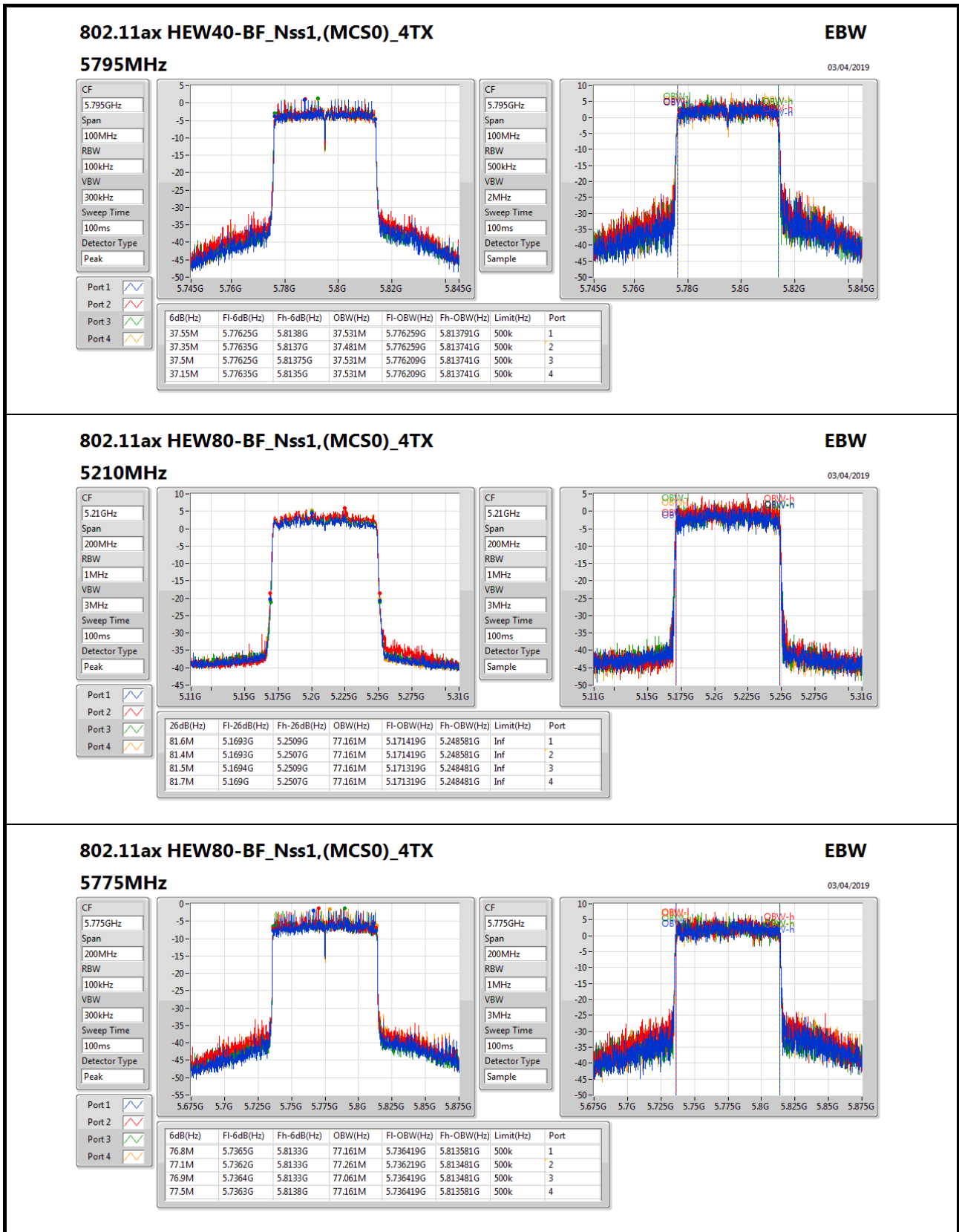
CF: 5.825GHz
Span: 50MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.825GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz
03/04/2019

CF: 5.755GHz
Span: 100MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.755GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Peak





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	35.375M	19.015M	19M0D1D	21.325M	18.916M
802.11ax HEW40_Nss4,(MCS0)_4TX	71.3M	37.631M	37M6D1D	40.05M	37.531M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.1M	77.161M	77M2D1D	81.5M	76.862M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	19.025M	25.587M	25M6D1D	18.275M	19.265M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.5M	54.773M	54M8D1D	36.35M	38.331M
802.11ax HEW80_Nss4,(MCS0)_4TX	76.9M	77.261M	77M3D1D	75.8M	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;

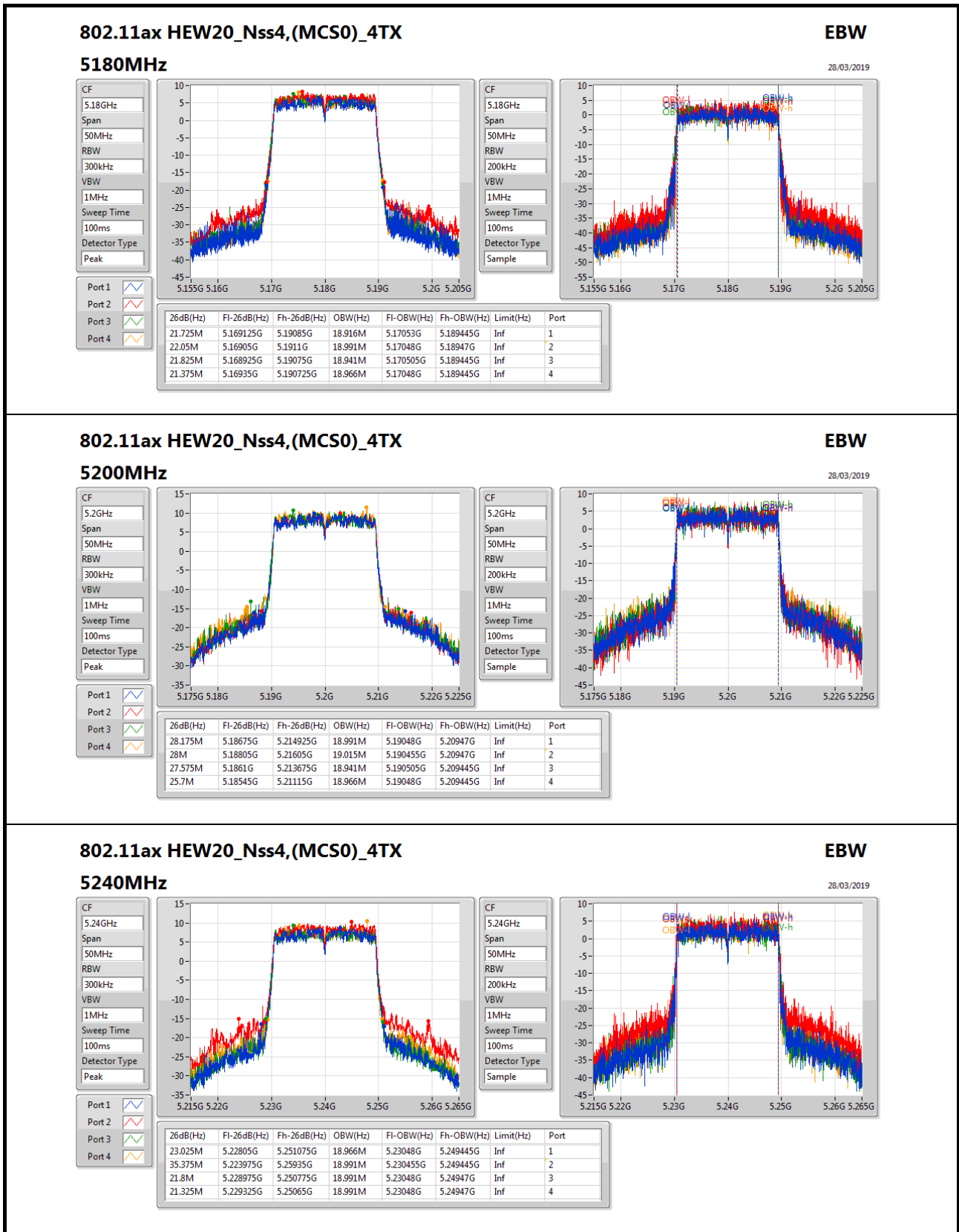


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.725M	18.916M	22.05M	18.991M	21.825M	18.941M	21.375M	18.966M
5200MHz	Pass	Inf	28.175M	18.991M	28M	19.015M	27.575M	18.941M	25.7M	18.966M
5240MHz	Pass	Inf	23.025M	18.966M	35.375M	18.991M	21.8M	18.991M	21.325M	18.991M
5745MHz	Pass	500k	18.65M	21.839M	18.475M	19.865M	18.75M	19.265M	19.025M	19.565M
5785MHz	Pass	500k	18.5M	25.437M	18.5M	25.587M	18.65M	24.063M	18.825M	24.488M
5825MHz	Pass	500k	18.65M	24.238M	18.725M	24.113M	18.525M	23.038M	18.275M	24.088M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	37.581M	40.15M	37.531M	40.05M	37.531M	40.15M	37.581M
5230MHz	Pass	Inf	40.15M	37.531M	71.3M	37.631M	71M	37.581M	40.95M	37.581M
5755MHz	Pass	500k	37.5M	38.431M	36.55M	38.481M	37.45M	38.331M	36.75M	40.28M
5795MHz	Pass	500k	36.85M	53.473M	36.35M	52.074M	36.85M	48.576M	37.05M	54.773M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.5M	77.061M	81.5M	77.161M	81.8M	76.862M	82.1M	77.161M
5775MHz	Pass	500k	75.8M	77.161M	76.9M	77.261M	76.5M	77.061M	75.8M	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;


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW

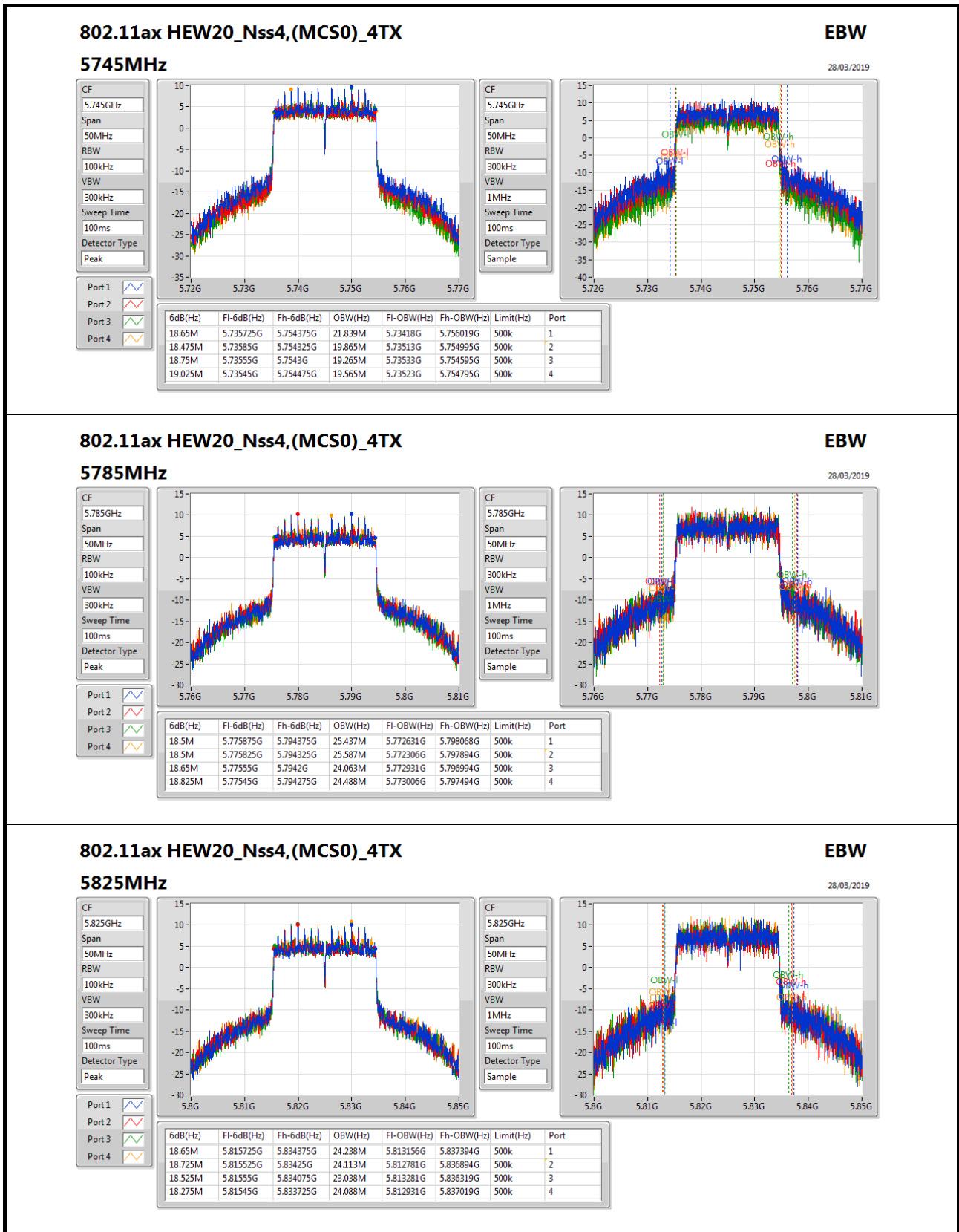
28/03/2019

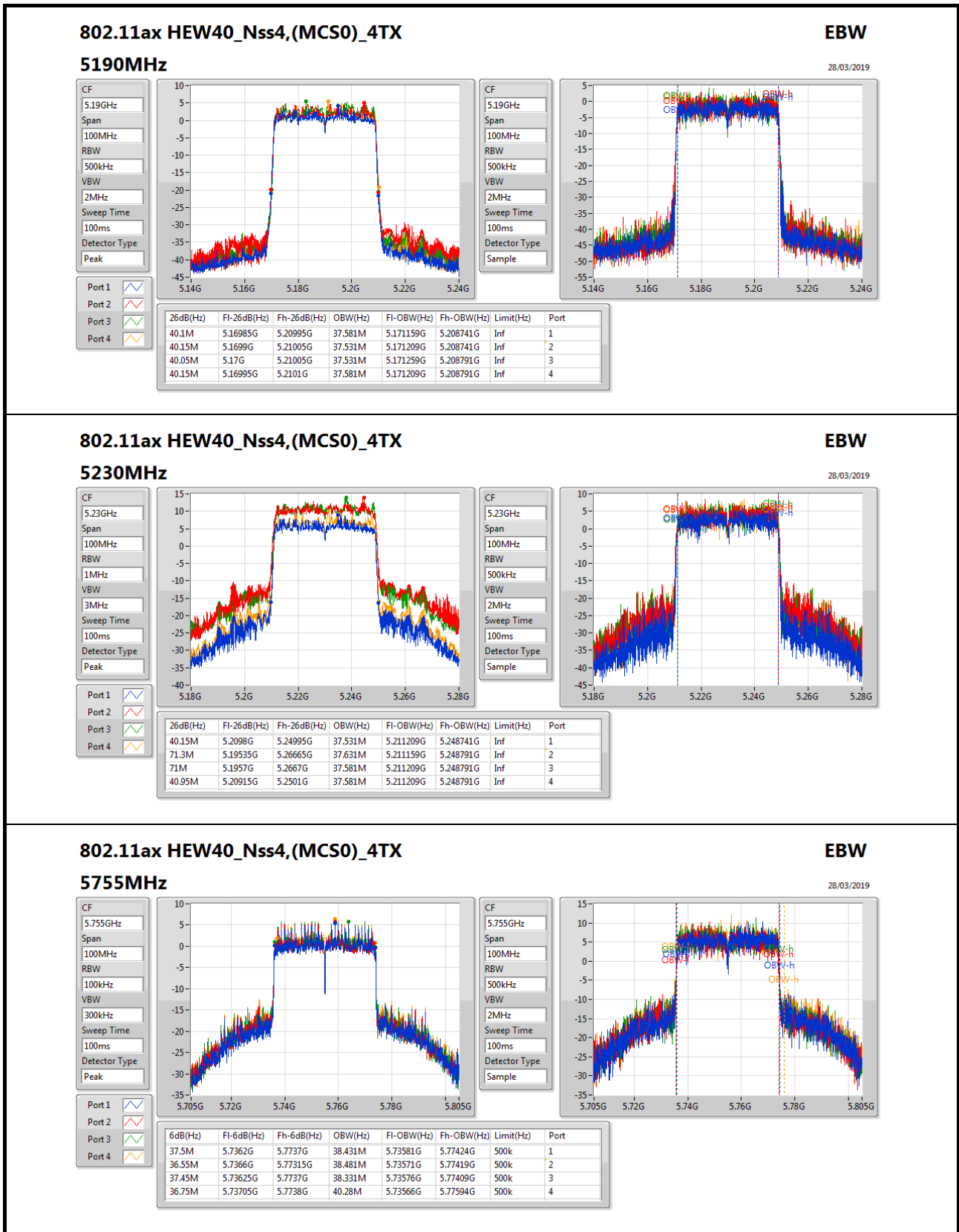
5240MHz

CF: 5.24GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.025M	5.22805G	5.251075G	18.966M	5.23048G	5.249445G	Inf	1
35.375M	5.223975G	5.25935G	18.991M	5.230455G	5.249445G	Inf	2
21.8M	5.228975G	5.250775G	18.991M	5.23048G	5.24947G	Inf	3
21.325M	5.229325G	5.25065G	18.991M	5.23048G	5.24947G	Inf	4



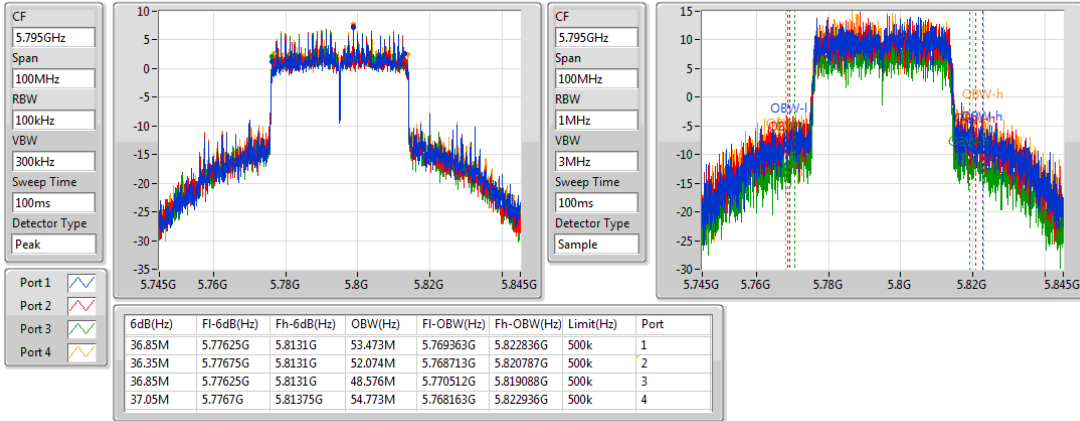


802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5795MHz

28/03/2019

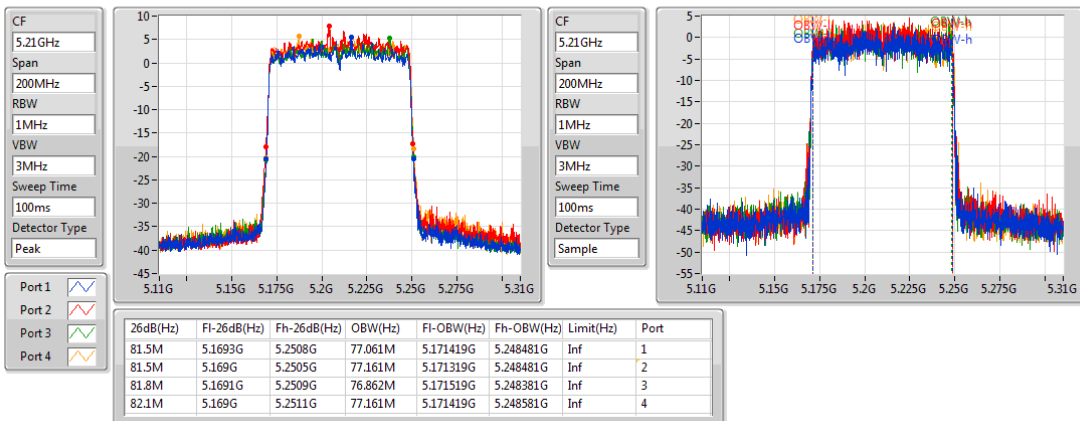


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5210MHz

28/03/2019

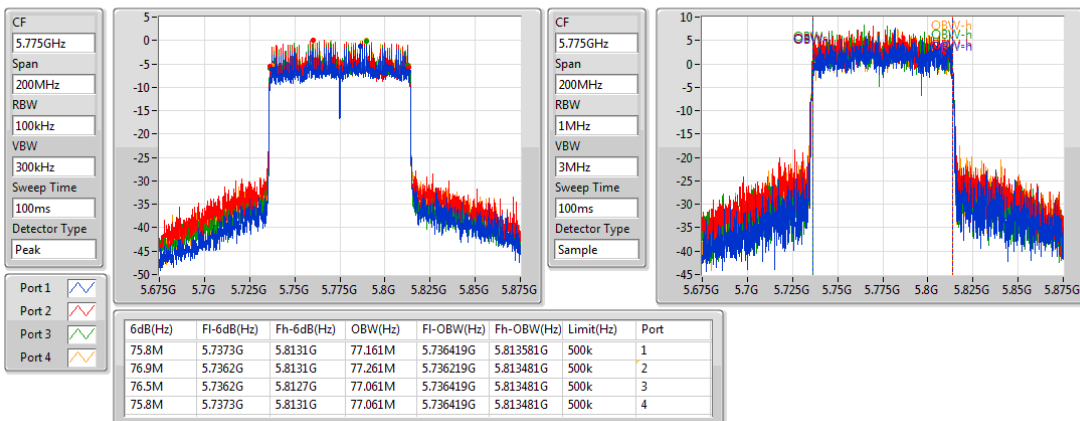


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5775MHz

28/03/2019





**For Outdoor use for 5G Band 1:
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	21.575M	16.617M	16M6D1D	21.55M	16.592M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.775M	18.991M	19M0D1D	21.7M	18.941M
802.11ax HEW40_Nss1,(MCS0)_1TX	39.95M	37.581M	37M6D1D	39.95M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.6M	77.161M	77M2D1D	81.6M	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;

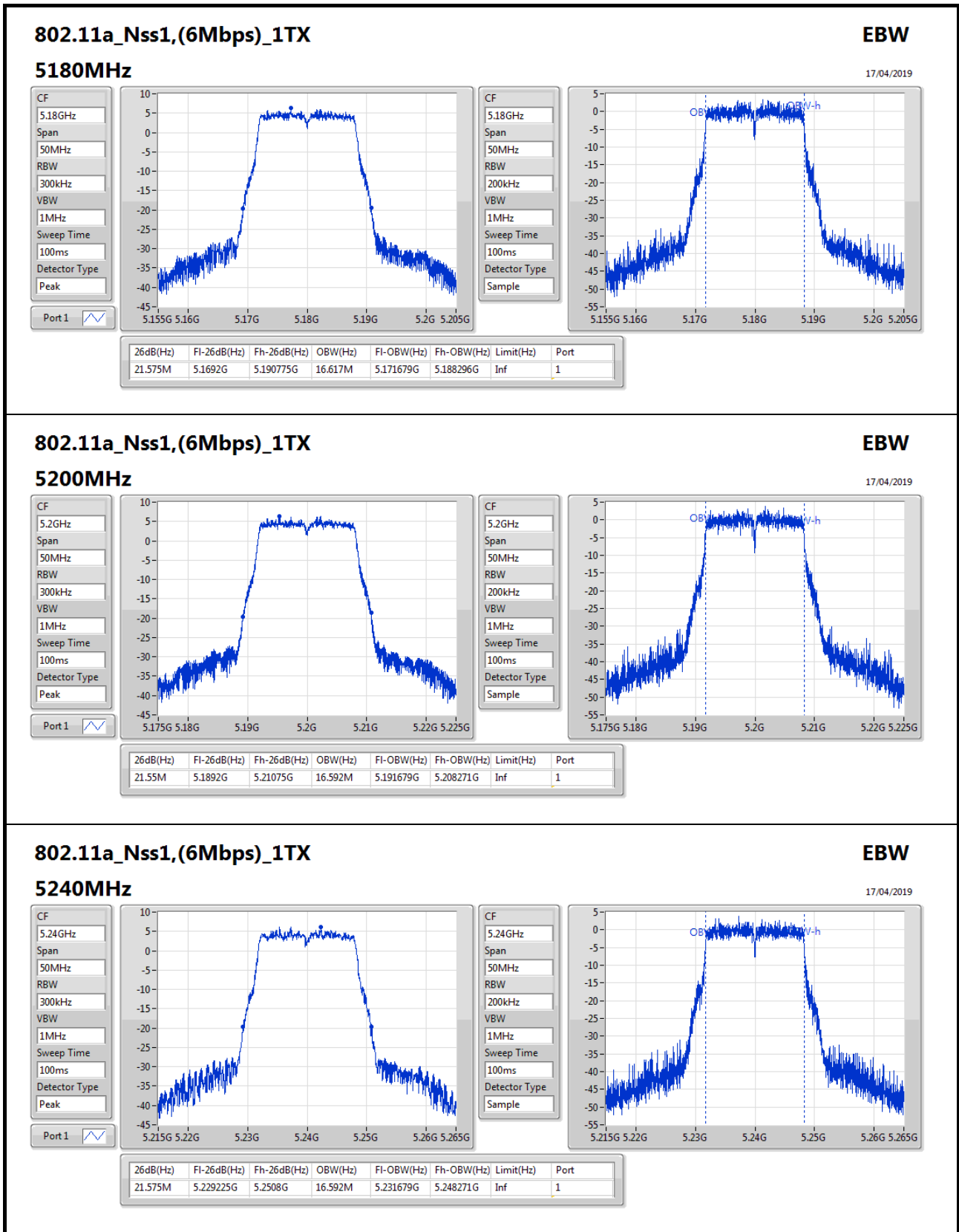


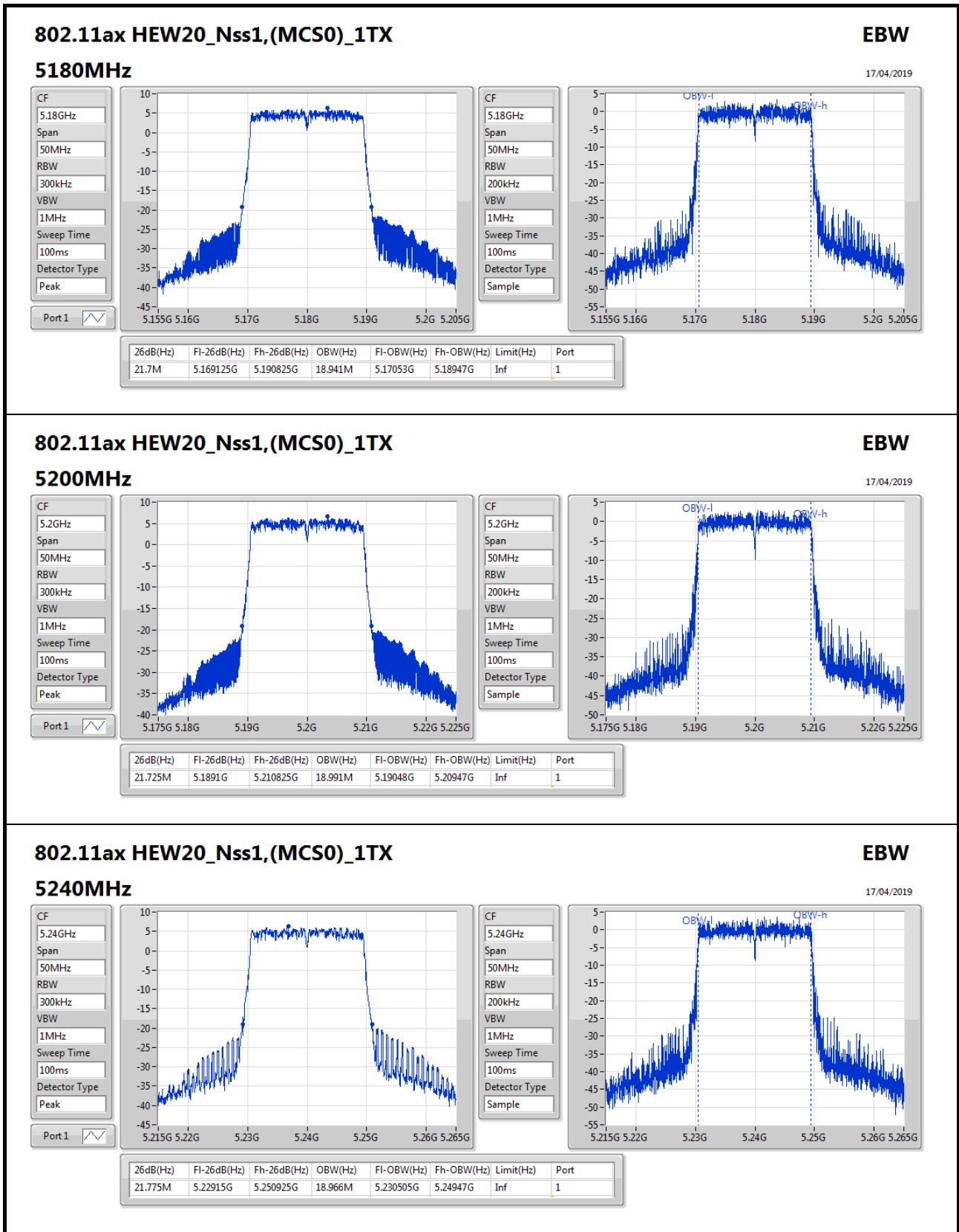
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.575M	16.617M
5200MHz	Pass	Inf	21.55M	16.592M
5240MHz	Pass	Inf	21.575M	16.592M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.7M	18.941M
5200MHz	Pass	Inf	21.725M	18.991M
5240MHz	Pass	Inf	21.775M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.95M	37.581M
5230MHz	Pass	Inf	39.95M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.6M	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;




802.11ax HEW20_Nss1,(MCS0)_1TX
EBW

17/04/2019

5240MHz

CF: 5.24GHz

Span: 50MHz

RBW: 300kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Peak

Port 1

CF: 5.24GHz

Span: 50MHz

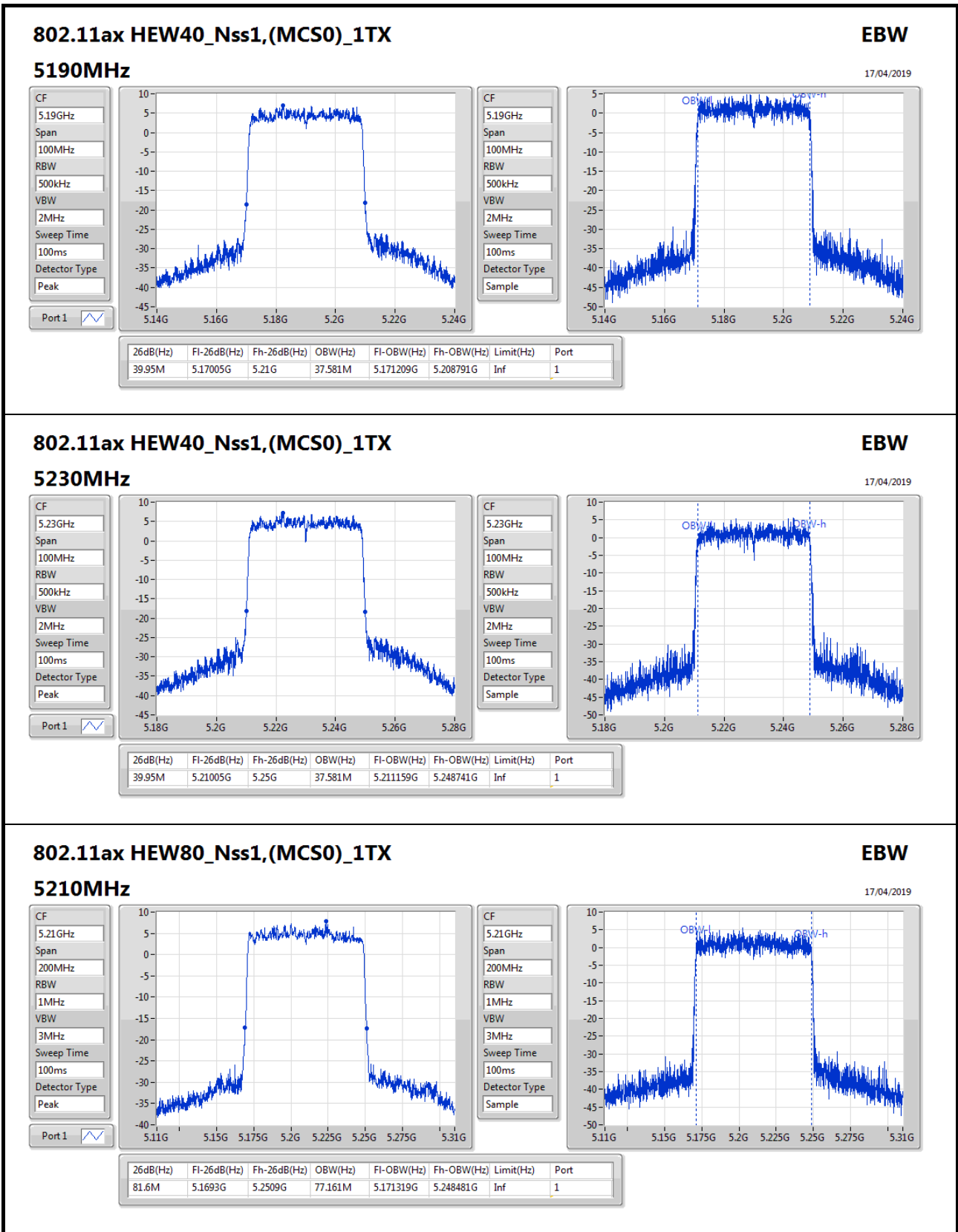
RBW: 200kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Sample

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.22915G	5.250925G	18.966M	5.230505G	5.24947G	Inf	1





For Outdoor use for 5G Band 1:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.975M	18.966M	19M0D1D	21.5M	18.941M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.1M	37.581M	37M6D1D	39.95M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.4M	77.061M	77M1D1D	81.3M	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;

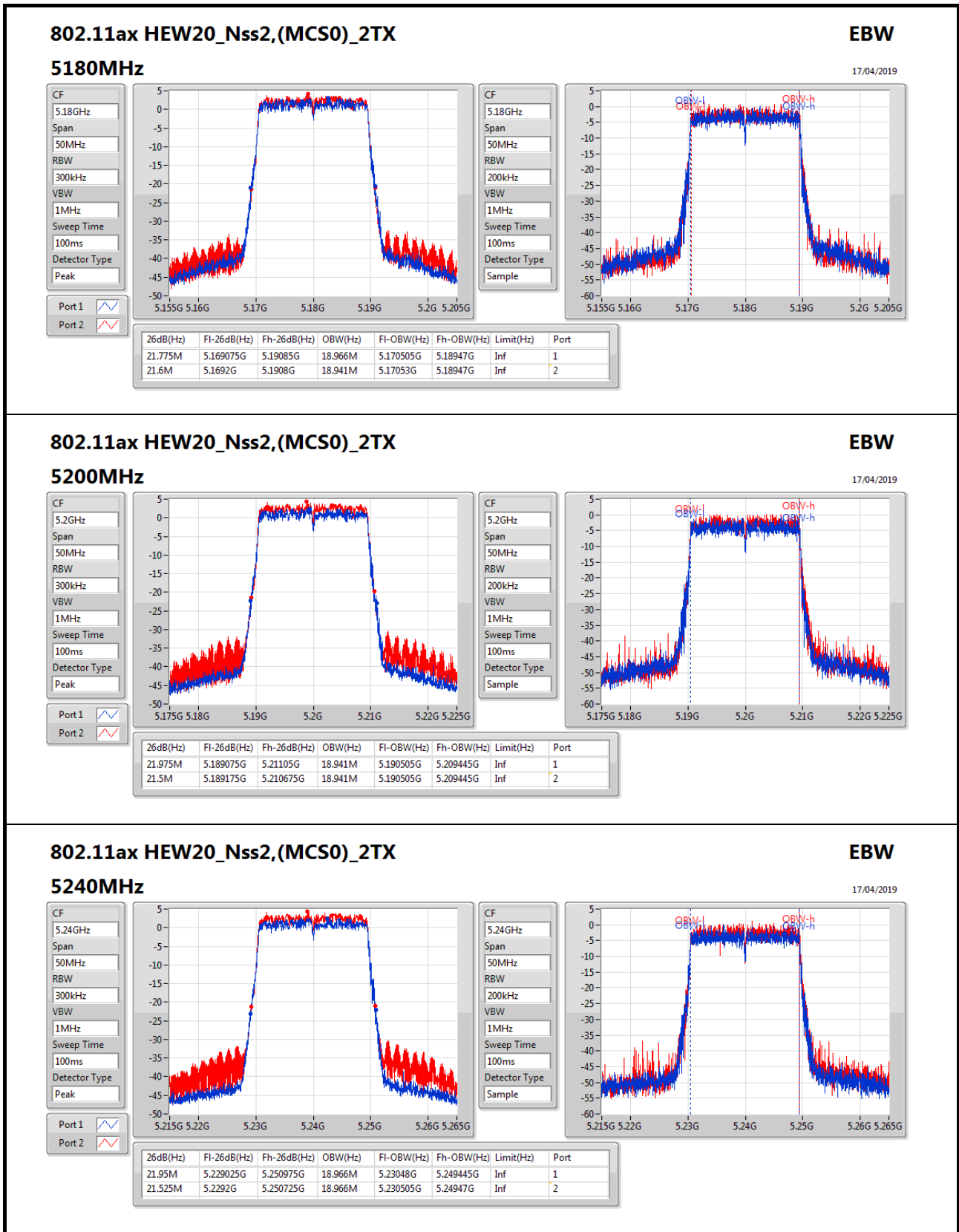
Min-OBW = Minimum 99% occupied bandwidth;

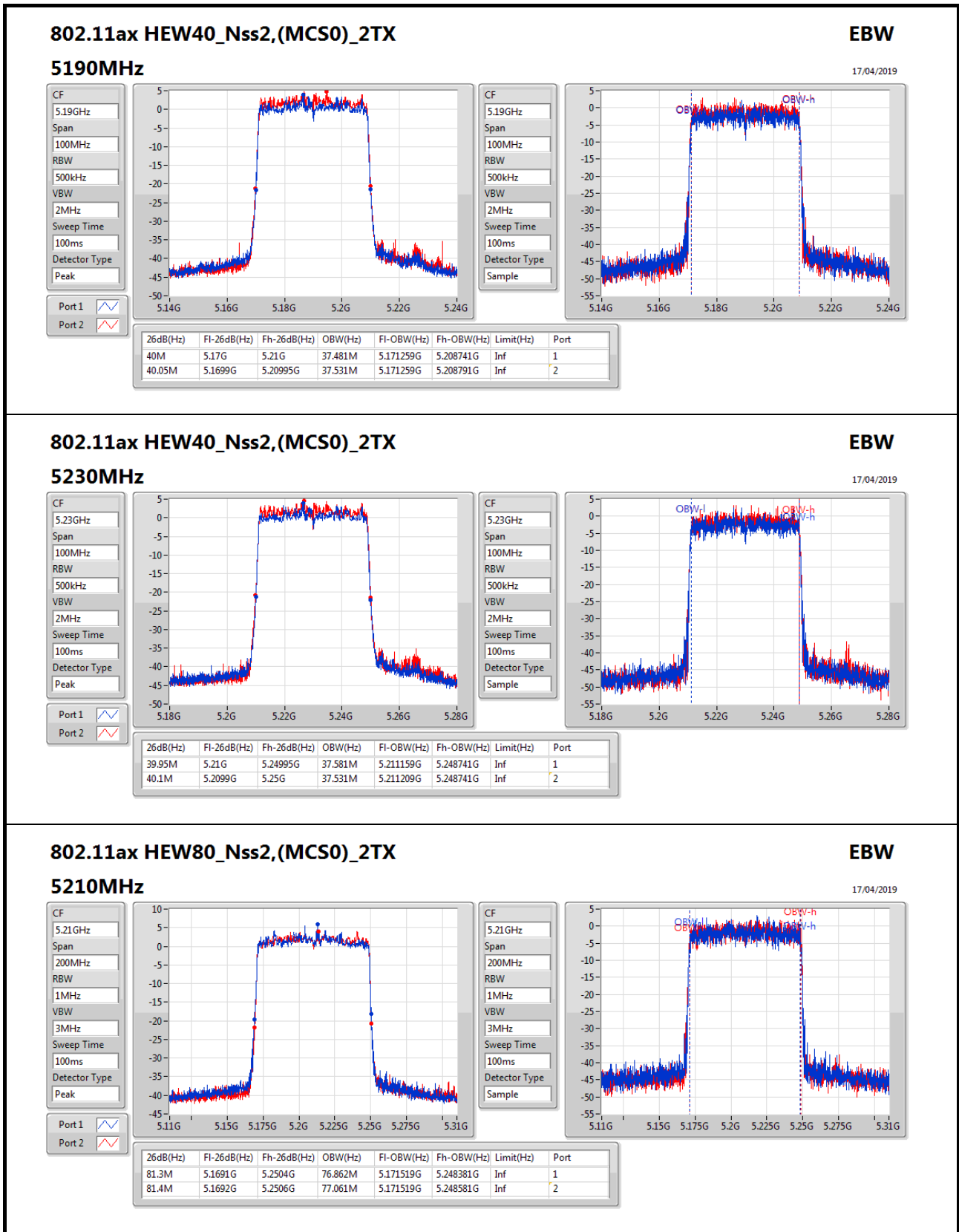


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.775M	18.966M	21.6M	18.941M
5200MHz	Pass	Inf	21.975M	18.941M	21.5M	18.941M
5240MHz	Pass	Inf	21.95M	18.966M	21.525M	18.966M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	37.481M	40.05M	37.531M
5230MHz	Pass	Inf	39.95M	37.581M	40.1M	37.531M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.3M	76.862M	81.4M	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;







**For Outdoor use for 5G Band 1:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.7M	16.642M	16M6D1D	21.45M	16.517M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.9M	18.991M	19M0D1D	21.375M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.581M	37M6D1D	39.95M	37.431M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.8M	77.261M	77M3D1D	81.3M	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;

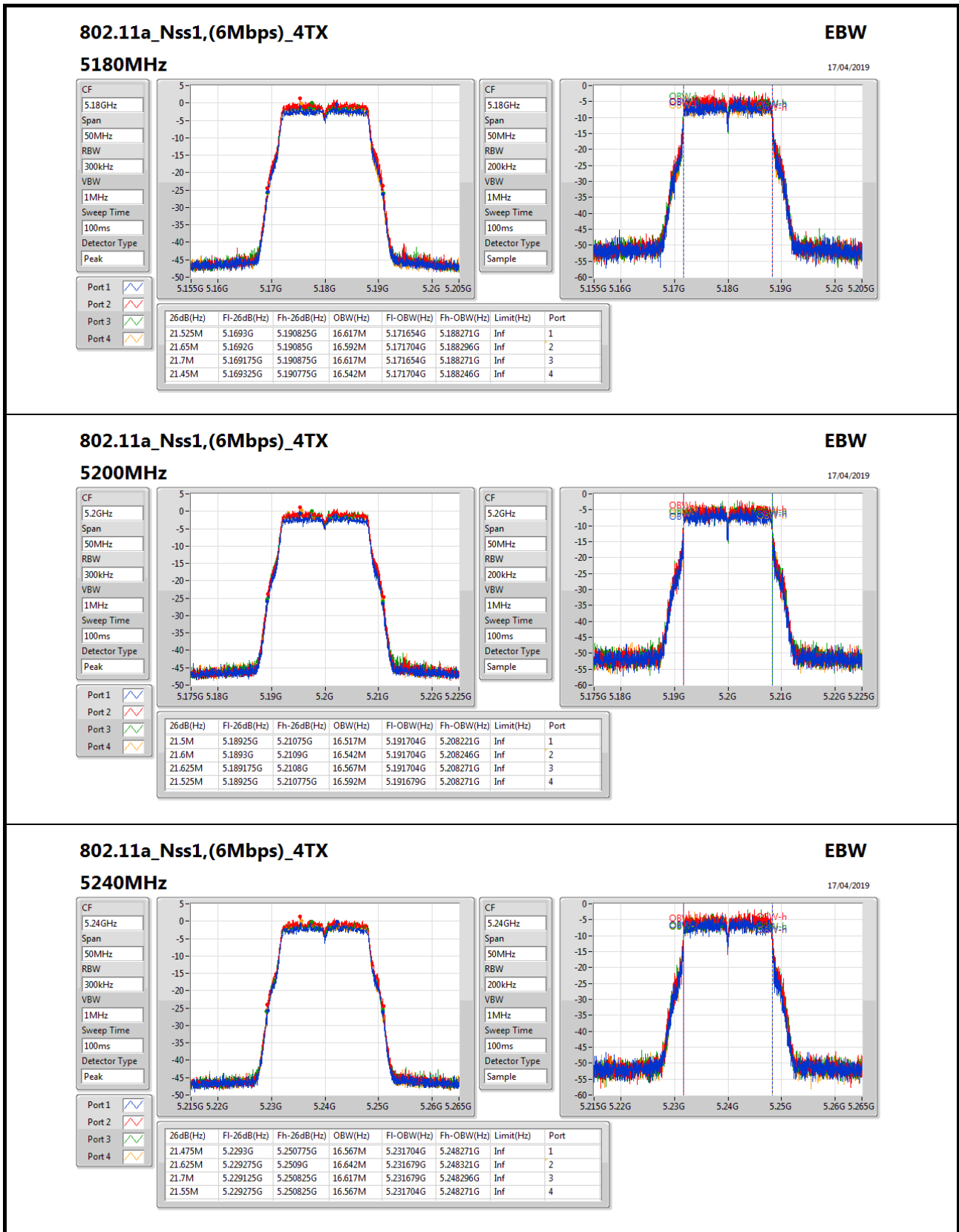


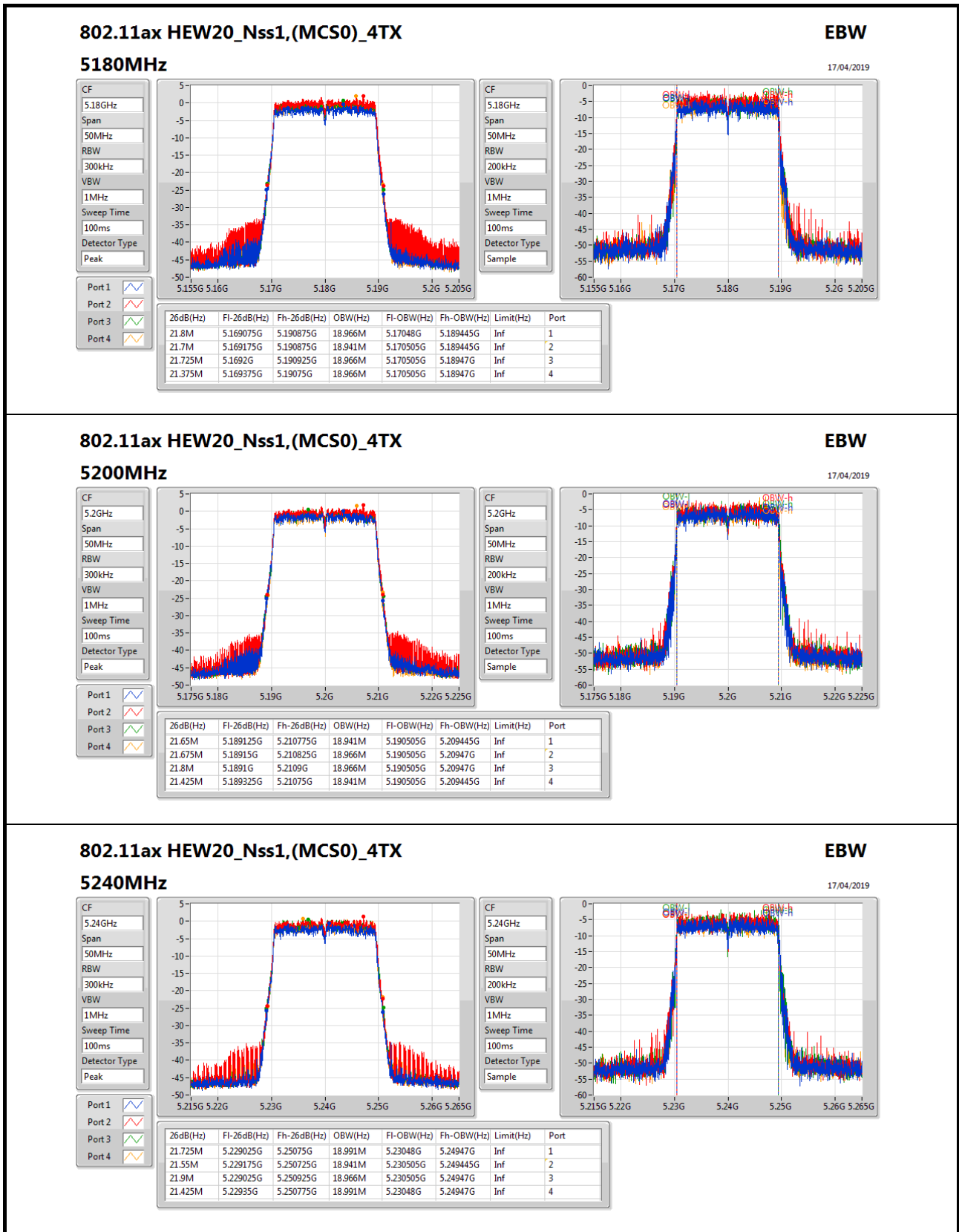
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.525M	16.617M	21.65M	16.592M	21.7M	16.617M	21.45M	16.542M
5200MHz	Pass	Inf	21.5M	16.517M	21.6M	16.542M	21.625M	16.567M	21.525M	16.592M
5240MHz	Pass	Inf	21.475M	16.567M	21.625M	16.642M	21.7M	16.617M	21.55M	16.567M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.8M	18.966M	21.7M	18.941M	21.725M	18.966M	21.375M	18.966M
5200MHz	Pass	Inf	21.65M	18.941M	21.675M	18.966M	21.8M	18.966M	21.425M	18.941M
5240MHz	Pass	Inf	21.725M	18.991M	21.55M	18.941M	21.9M	18.966M	21.425M	18.991M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	37.481M	40.15M	37.431M	40.05M	37.581M	40.15M	37.581M
5230MHz	Pass	Inf	40M	37.581M	40.15M	37.581M	39.95M	37.481M	40.2M	37.531M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	77.061M	81.3M	76.962M	81.3M	77.261M	81.7M	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;




802.11ax HEW20_Nss1,(MCS0)_4TX
EBW

17/04/2019

5240MHz

CF: 5.24GHz

Span: 50MHz

RBW: 300kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Peak

CF: 5.24GHz

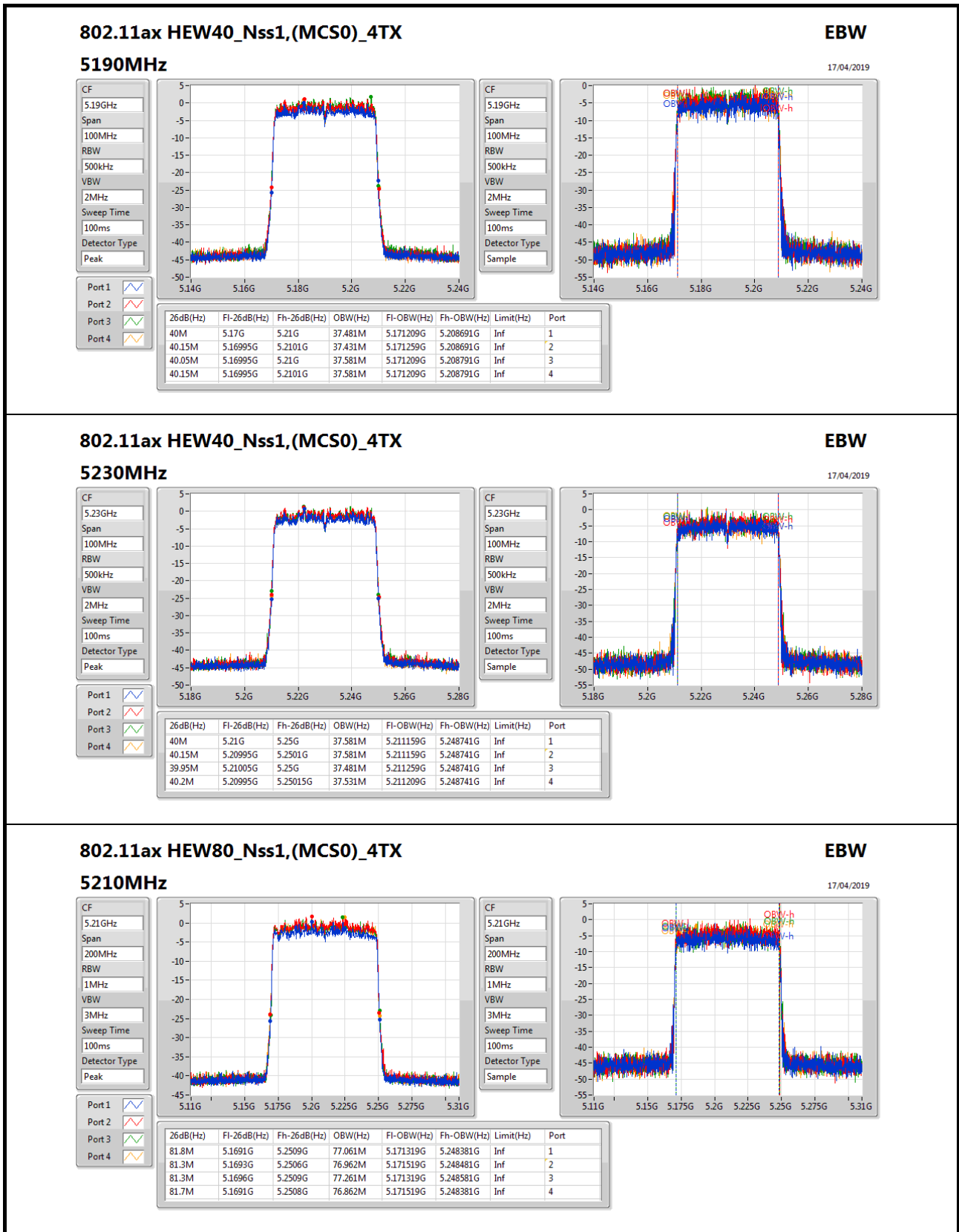
Span: 50MHz

RBW: 200kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Sample



802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz

EBW
17/04/2019

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Sample



For Outdoor use for 5G Band 1:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.95M	18.991M	19M0D1D	21.425M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.1M	37.631M	37M6D1D	39.95M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.8M	77.061M	77M1D1D	81M	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;

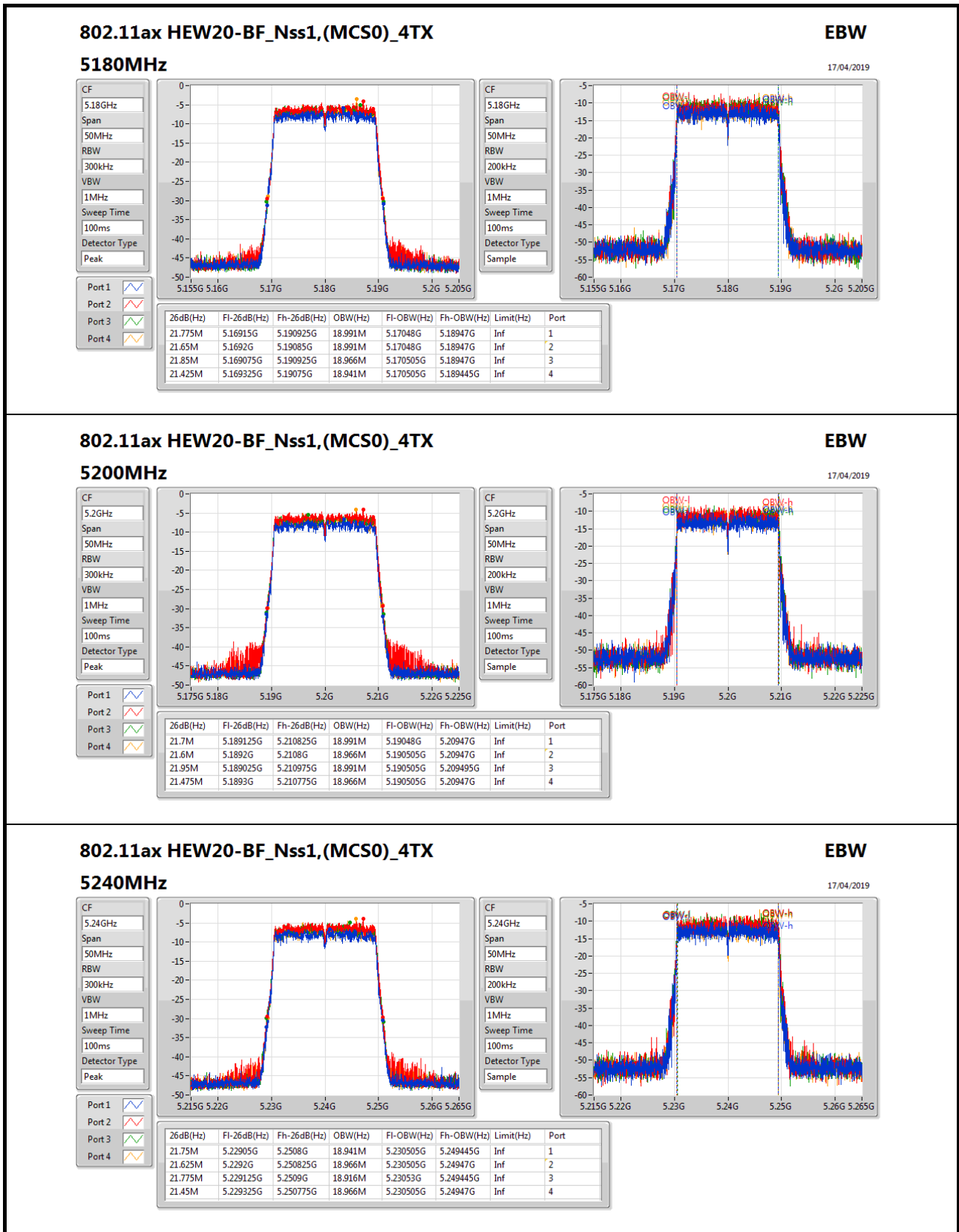


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.775M	18.991M	21.65M	18.991M	21.85M	18.966M	21.425M	18.941M
5200MHz	Pass	Inf	21.7M	18.991M	21.6M	18.966M	21.95M	18.991M	21.475M	18.966M
5240MHz	Pass	Inf	21.75M	18.941M	21.625M	18.966M	21.775M	18.916M	21.45M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.95M	37.581M	40.1M	37.631M	40M	37.581M	40.05M	37.531M
5230MHz	Pass	Inf	40.05M	37.531M	40M	37.581M	40.1M	37.481M	40.1M	37.531M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	76.962M	81M	76.962M	81.5M	77.061M	81.8M	76.962M

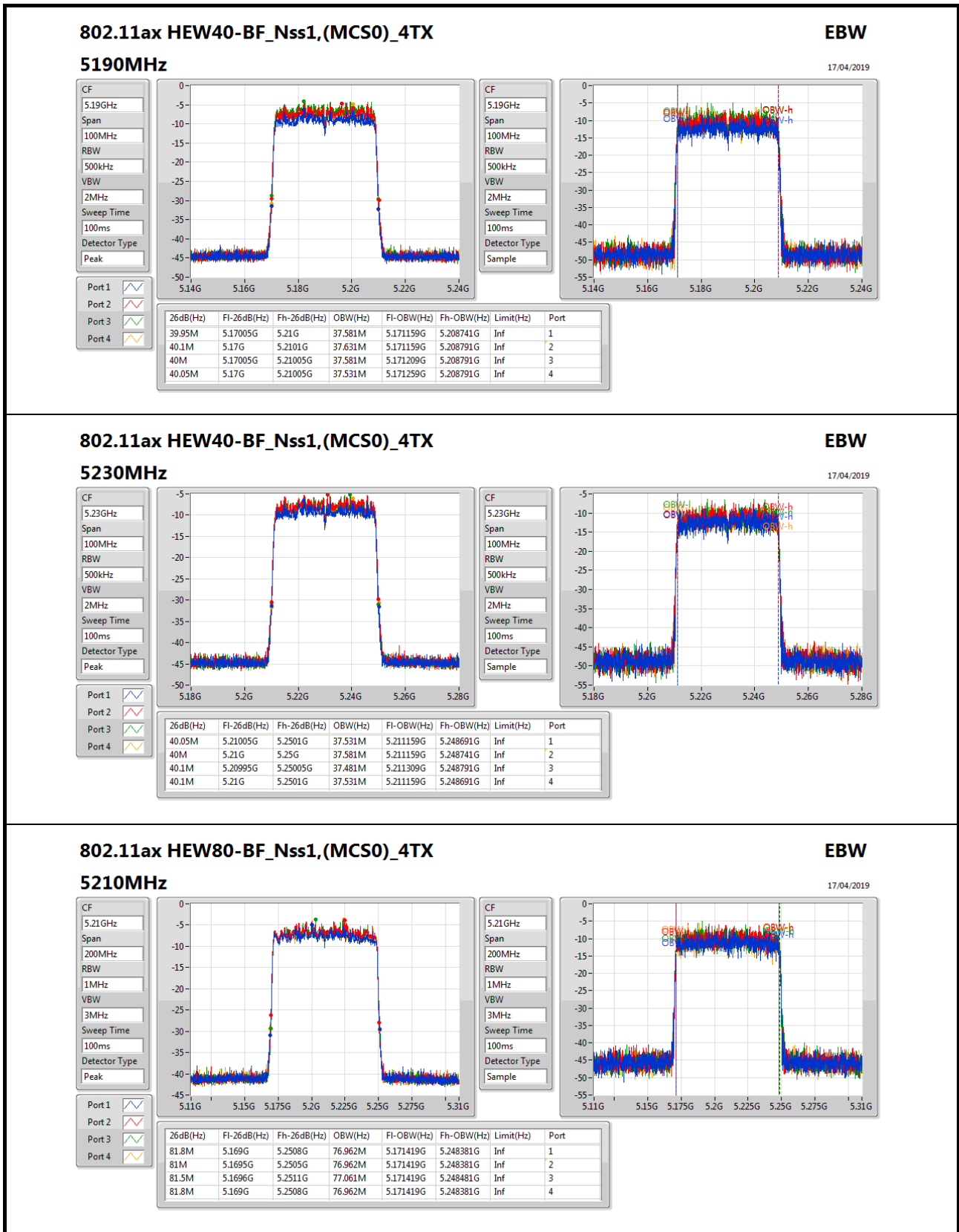
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW

CF: 5.24GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz

EBW
17/04/2019

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak



For Outdoor use for 5G Band 1:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.9M	18.991M	19M0D1D	21.275M	18.916M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.25M	37.781M	37M8D1D	40M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.8M	77.061M	77M1D1D	81.1M	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;

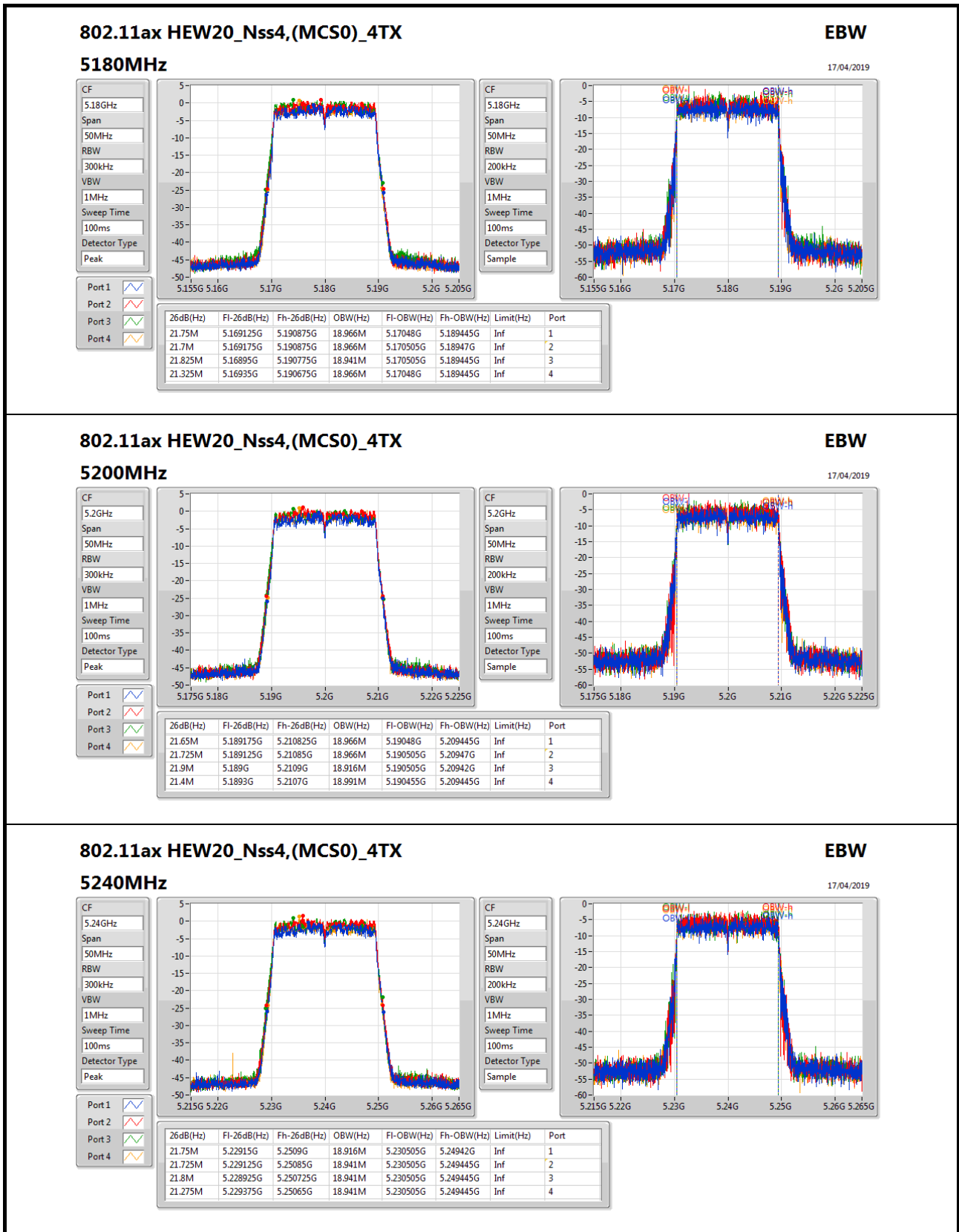


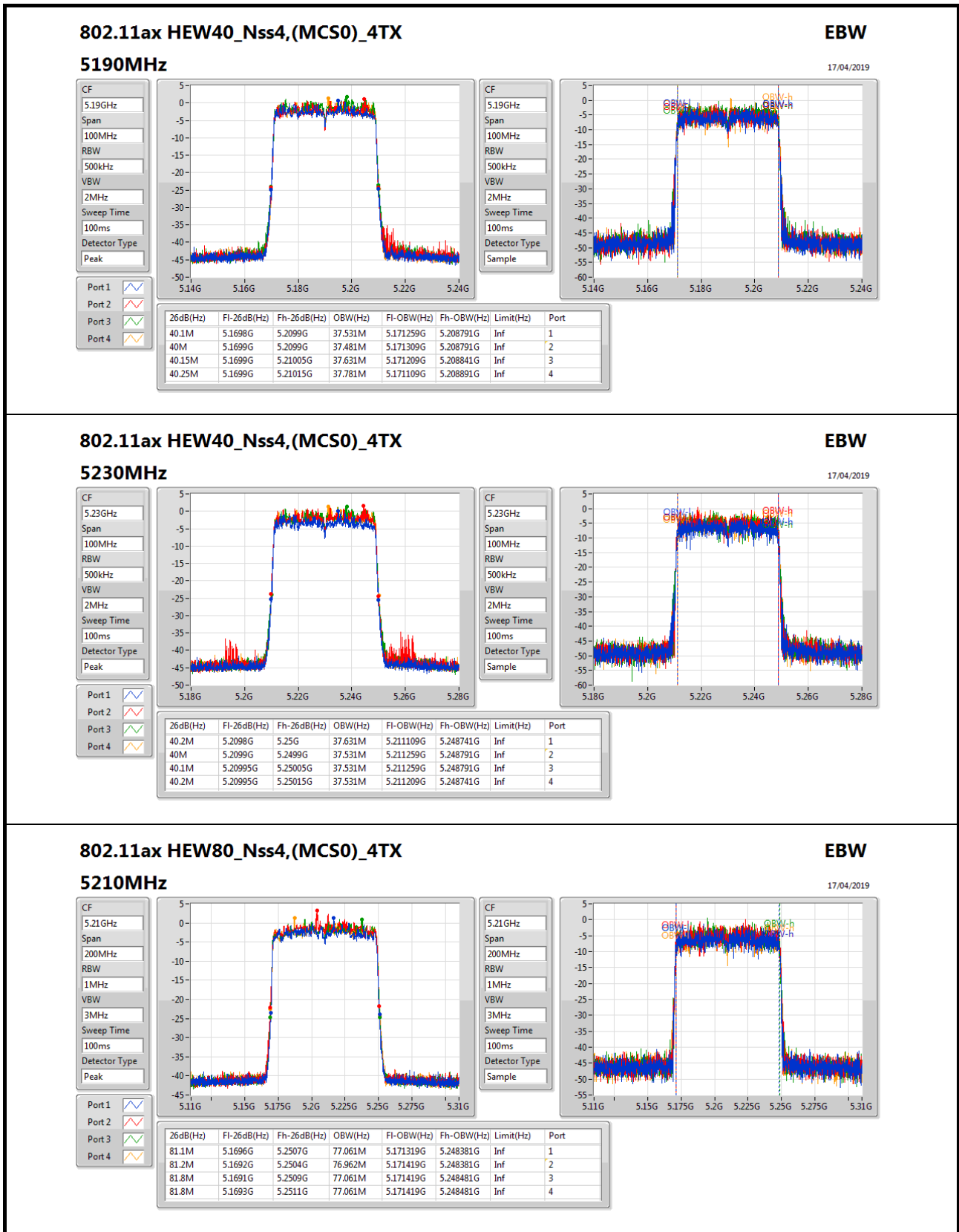
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	18.966M	21.7M	18.966M	21.825M	18.941M	21.325M	18.966M
5200MHz	Pass	Inf	21.65M	18.966M	21.725M	18.966M	21.9M	18.916M	21.4M	18.991M
5240MHz	Pass	Inf	21.75M	18.916M	21.725M	18.941M	21.8M	18.941M	21.275M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	37.531M	40M	37.481M	40.15M	37.631M	40.25M	37.781M
5230MHz	Pass	Inf	40.2M	37.631M	40M	37.531M	40.1M	37.531M	40.2M	37.531M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.1M	77.061M	81.2M	76.962M	81.8M	77.061M	81.8M	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;







**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
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	28.425M	16.667M	16M7D1D	26.55M	16.592M
802.11ax HEW20_Nss1,(MCS0)_1TX	38.95M	19.04M	19M0D1D	29.275M	18.991M
802.11ax HEW40_Nss1,(MCS0)_1TX	49.4M	37.681M	37M7D1D	39.95M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	82M	77.061M	77M1D1D	82M	77.061M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.3M	27.061M	27M1D1D	16.275M	25.437M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.75M	27.386M	27M4D1D	18.45M	26.762M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.55M	71.664M	71M7D1D	35.85M	59.82M
802.11ax HEW80_Nss1,(MCS0)_1TX	76.5M	98.451M	98M5D1D	76.5M	98.451M

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;

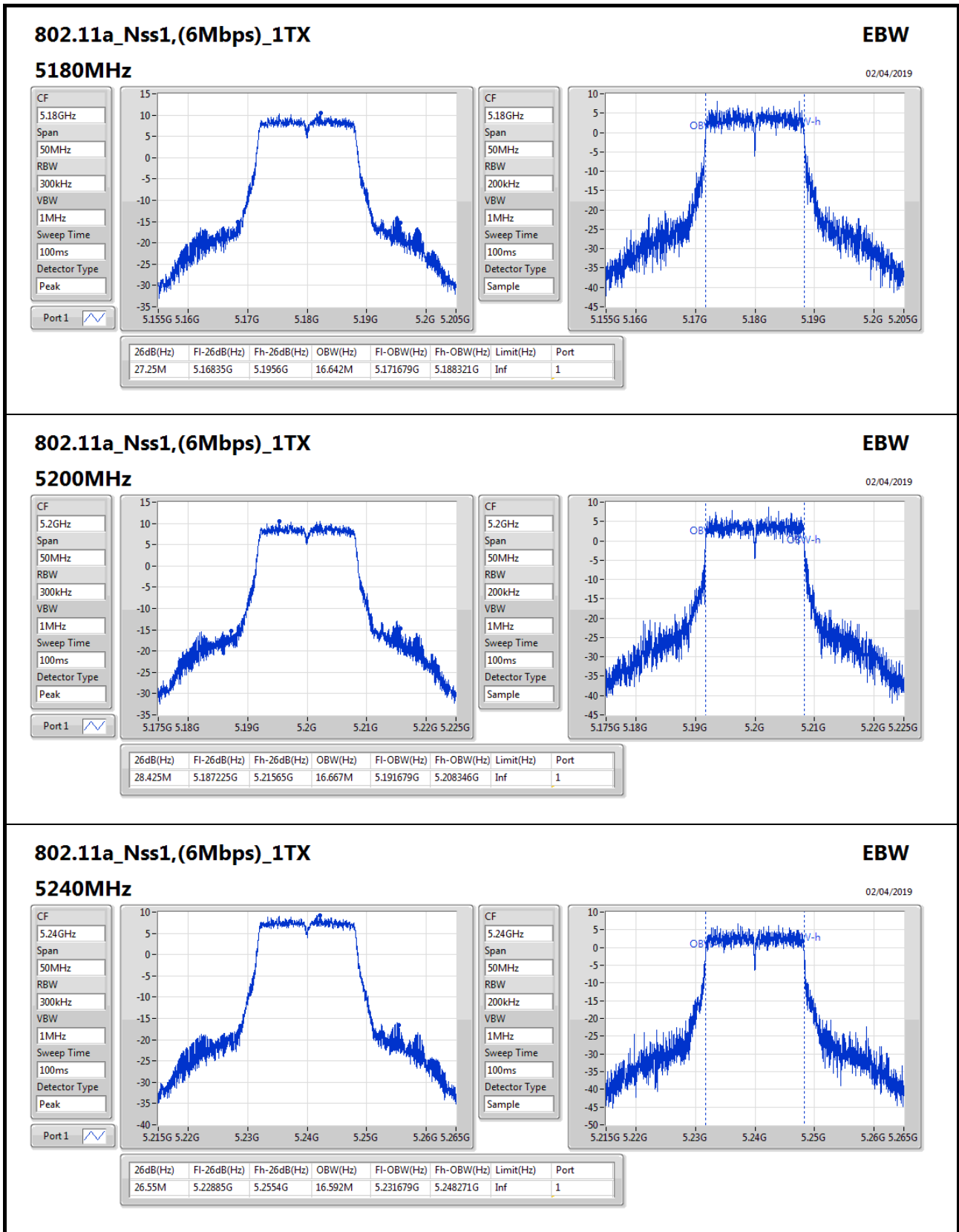


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	27.25M	16.642M
5200MHz	Pass	Inf	28.425M	16.667M
5240MHz	Pass	Inf	26.55M	16.592M
5745MHz	Pass	500k	16.275M	25.437M
5785MHz	Pass	500k	16.3M	27.061M
5825MHz	Pass	500k	16.3M	25.887M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	29.275M	18.991M
5200MHz	Pass	Inf	38.95M	19.04M
5240MHz	Pass	Inf	36.325M	19.015M
5745MHz	Pass	500k	18.45M	26.762M
5785MHz	Pass	500k	18.75M	27.386M
5825MHz	Pass	500k	18.65M	26.937M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	39.95M	37.581M
5230MHz	Pass	Inf	49.4M	37.681M
5755MHz	Pass	500k	37.55M	59.82M
5795MHz	Pass	500k	35.85M	71.664M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82M	77.061M
5775MHz	Pass	500k	76.5M	98.451M

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

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


802.11a_Nss1,(6Mbps)_1TX
EBW

02/04/2019

5240MHz

CF: 5.24GHz

Span: 50MHz

RBW: 300kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.55M	5.22885G	5.2554G	16.592M	5.231679G	5.248271G	Inf	1

CF: 5.24GHz

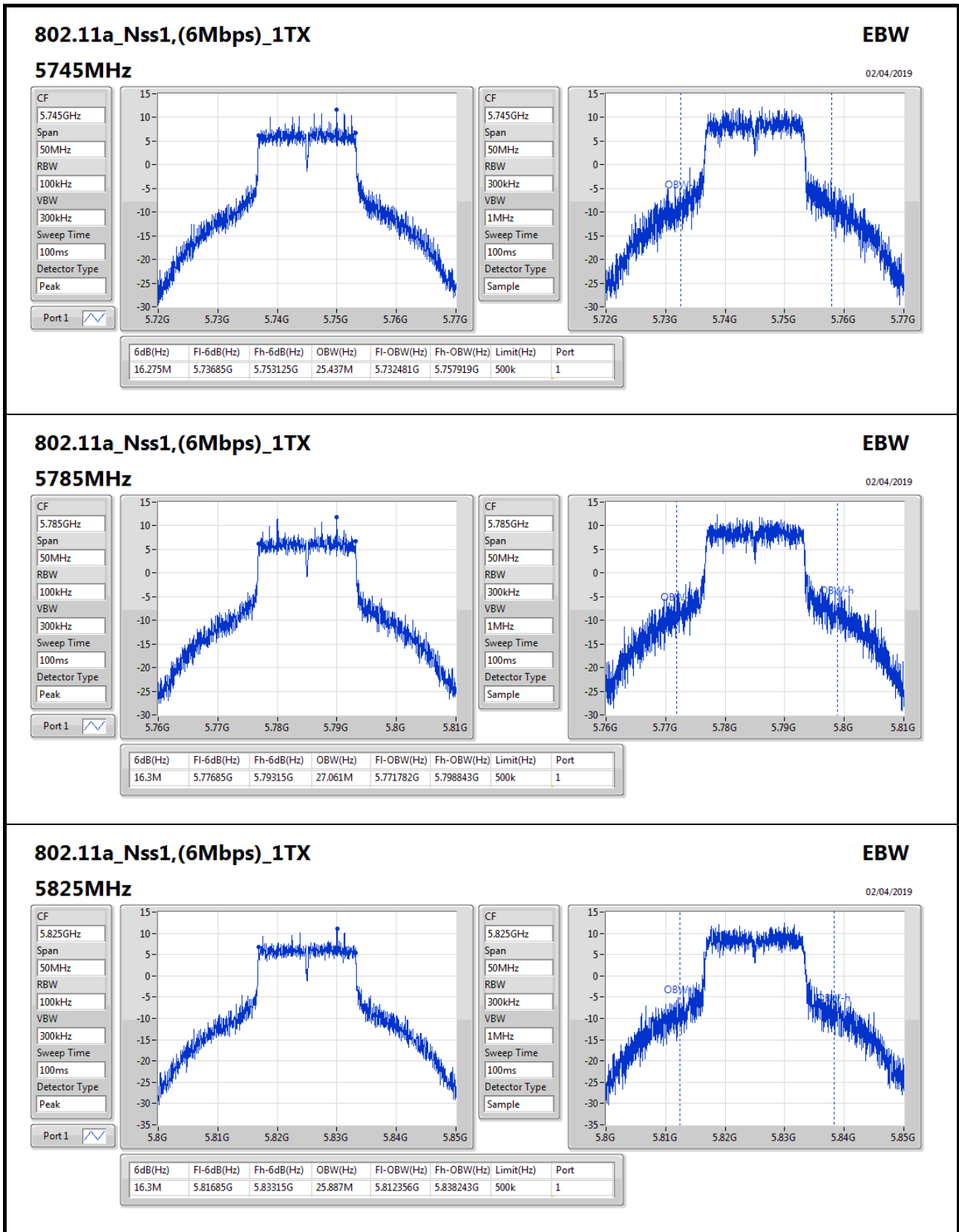
Span: 50MHz

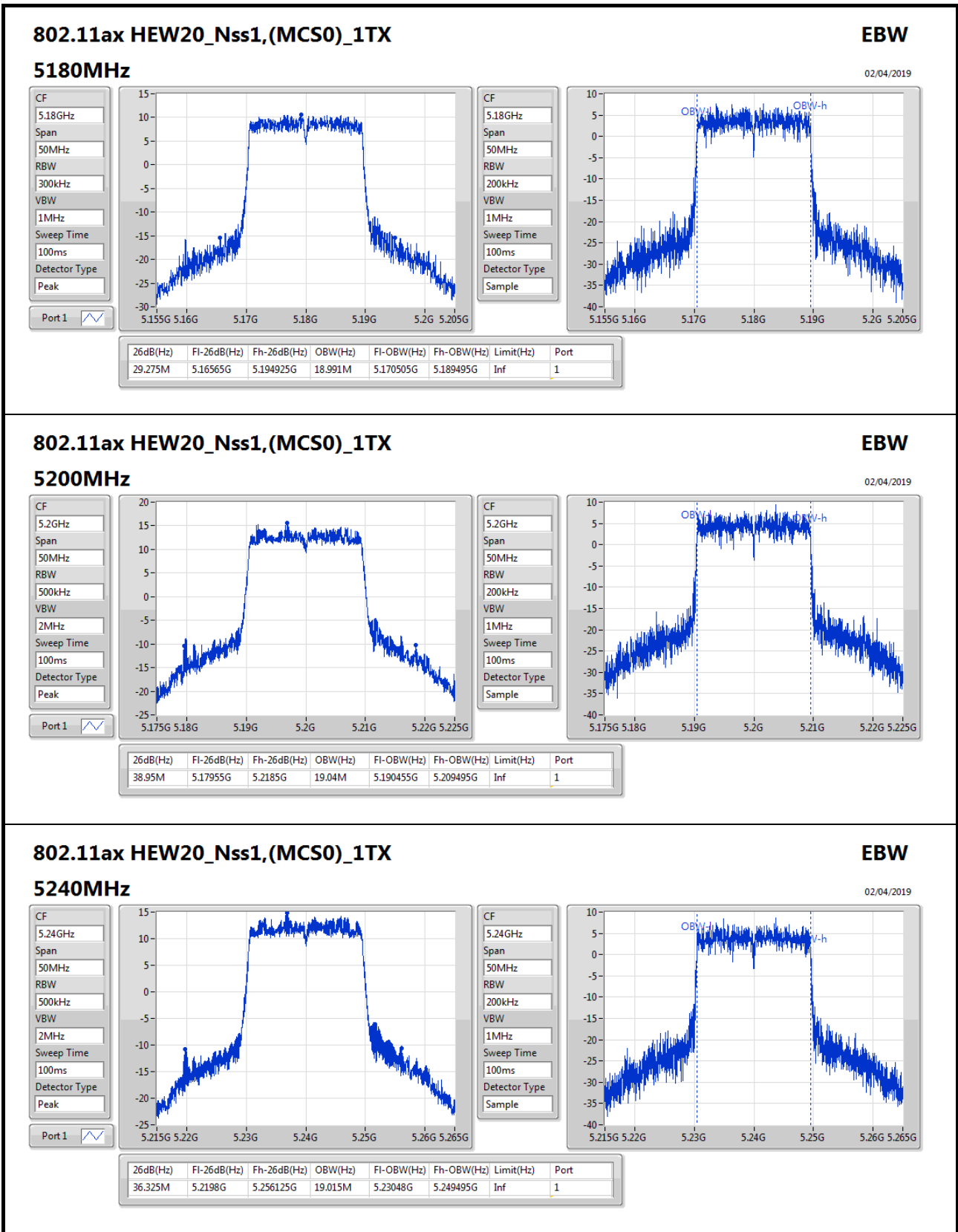
RBW: 200kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Sample




802.11ax HEW20_Nss1,(MCS0)_1TX
EBW

02/04/2019

5240MHz

CF: 5.24GHz

Span: 50MHz

RBW: 500kHz

VBW: 2MHz

Sweep Time: 100ms

Detector Type: Peak

Port 1

CF: 5.24GHz

Span: 50MHz

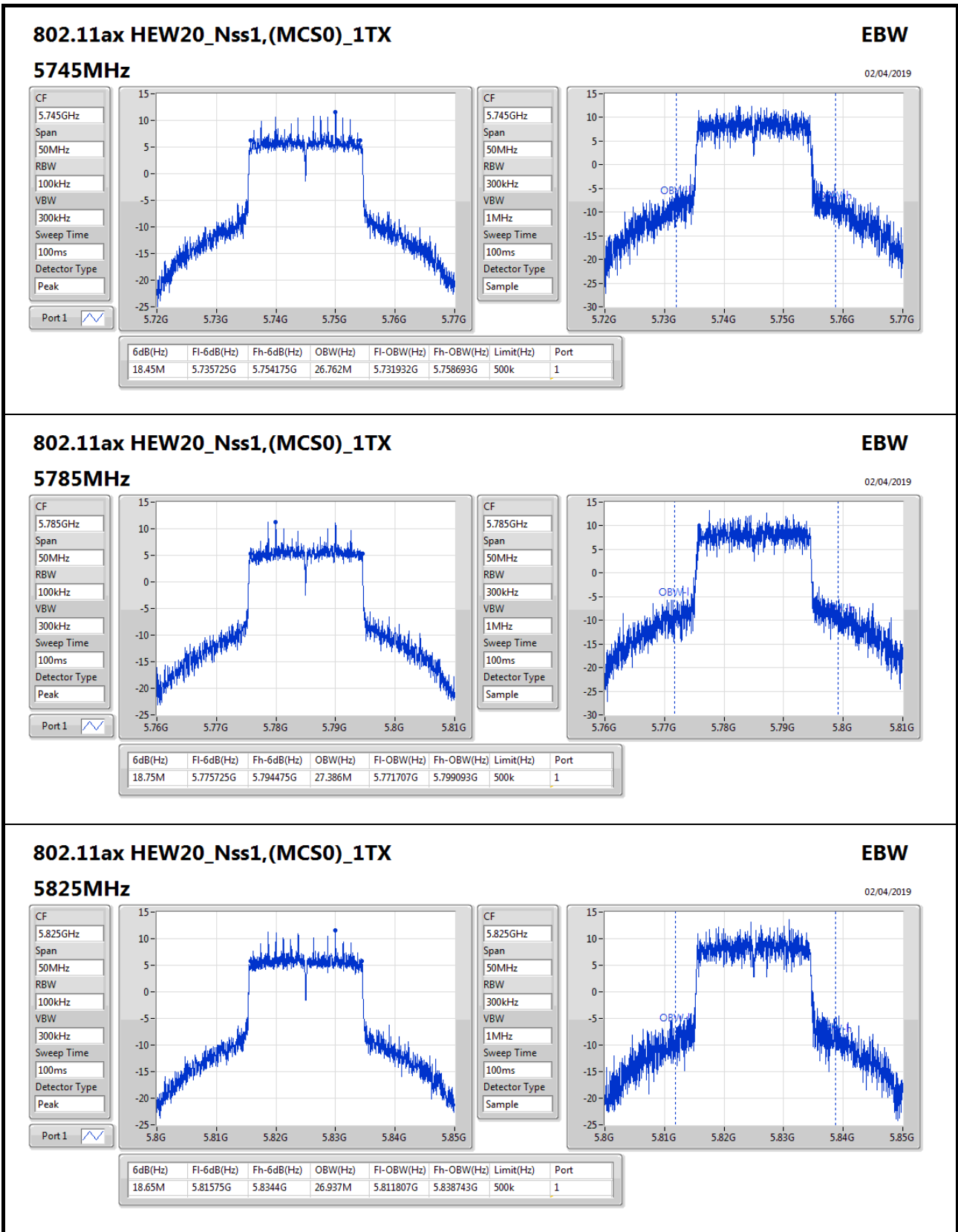
RBW: 200kHz

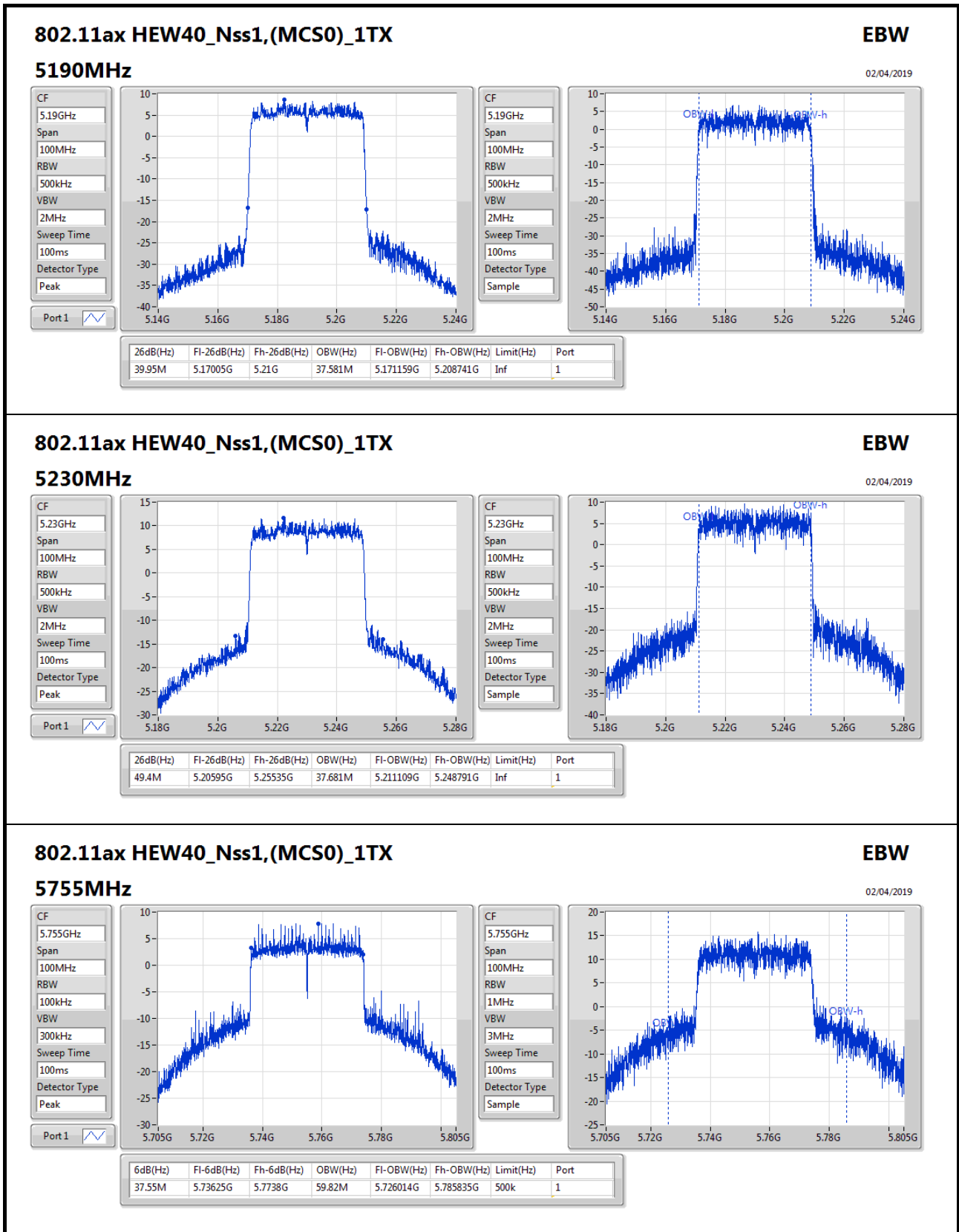
VBW: 1MHz

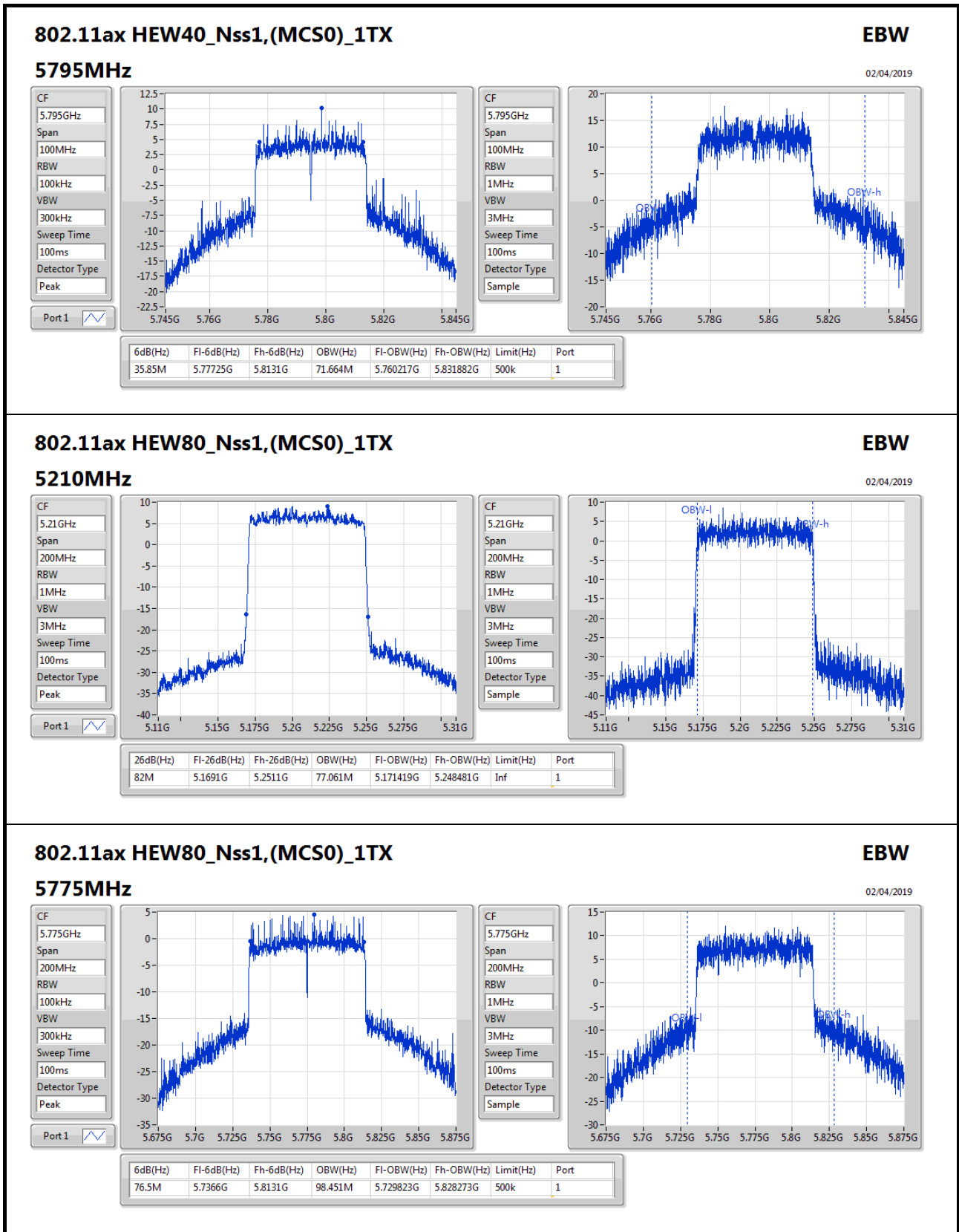
Sweep Time: 100ms

Detector Type: Sample

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.325M	5.2198G	5.256125G	19.015M	5.23048G	5.249495G	Inf	1









**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	42.35M	19.165M	19M2D1D	21.925M	18.966M
802.11ax HEW40_Nss2,(MCS0)_2TX	77.3M	37.881M	37M9D1D	39.95M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.7M	76.962M	77M0D1D	81.4M	76.862M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.675M	27.861M	27M9D1D	18.475M	26.337M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.35M	70.865M	70M9D1D	35.9M	56.022M
802.11ax HEW80_Nss2,(MCS0)_2TX	76.9M	77.661M	77M7D1D	75.2M	77.461M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

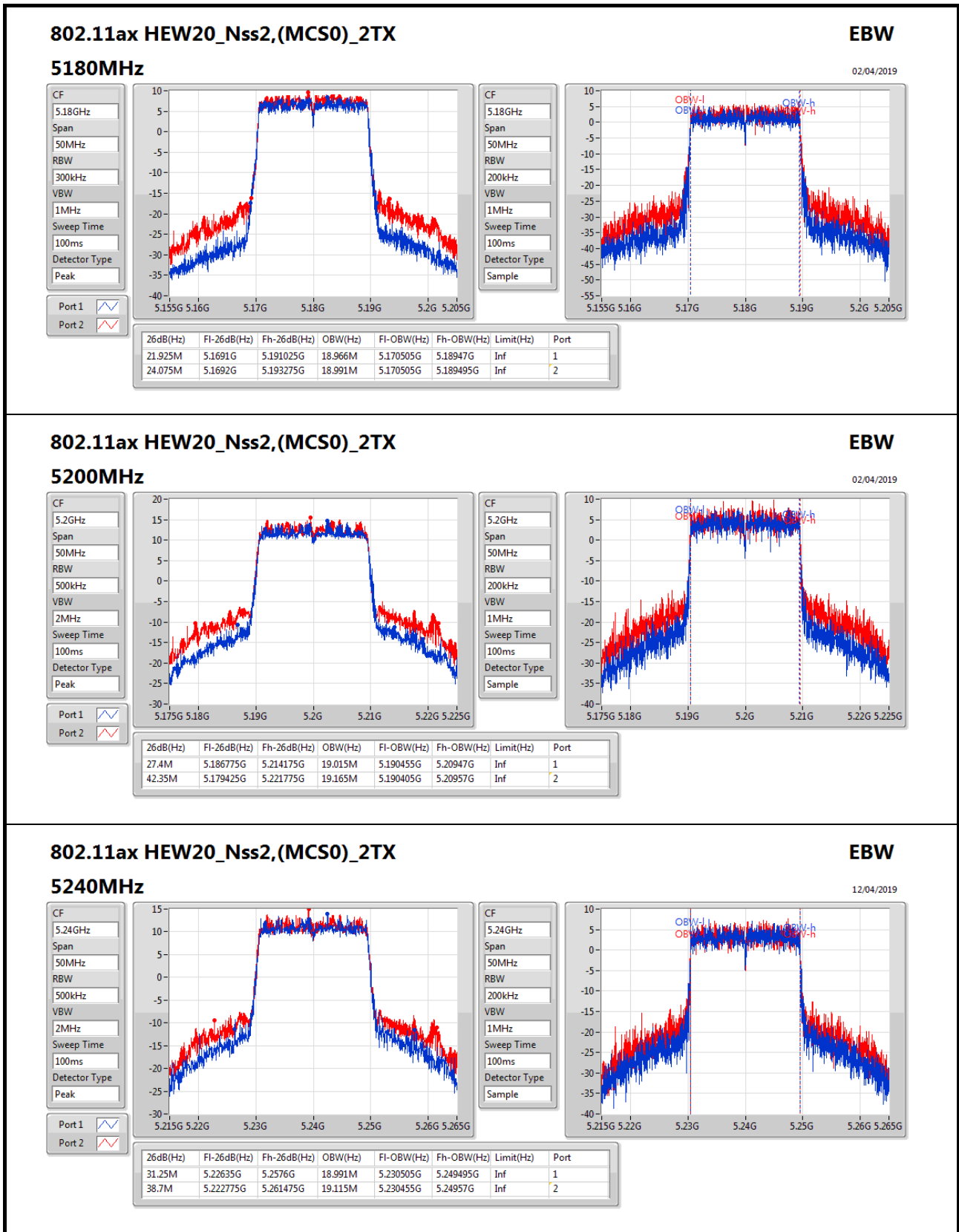
Min-OBW = Minimum 99% occupied bandwidth;

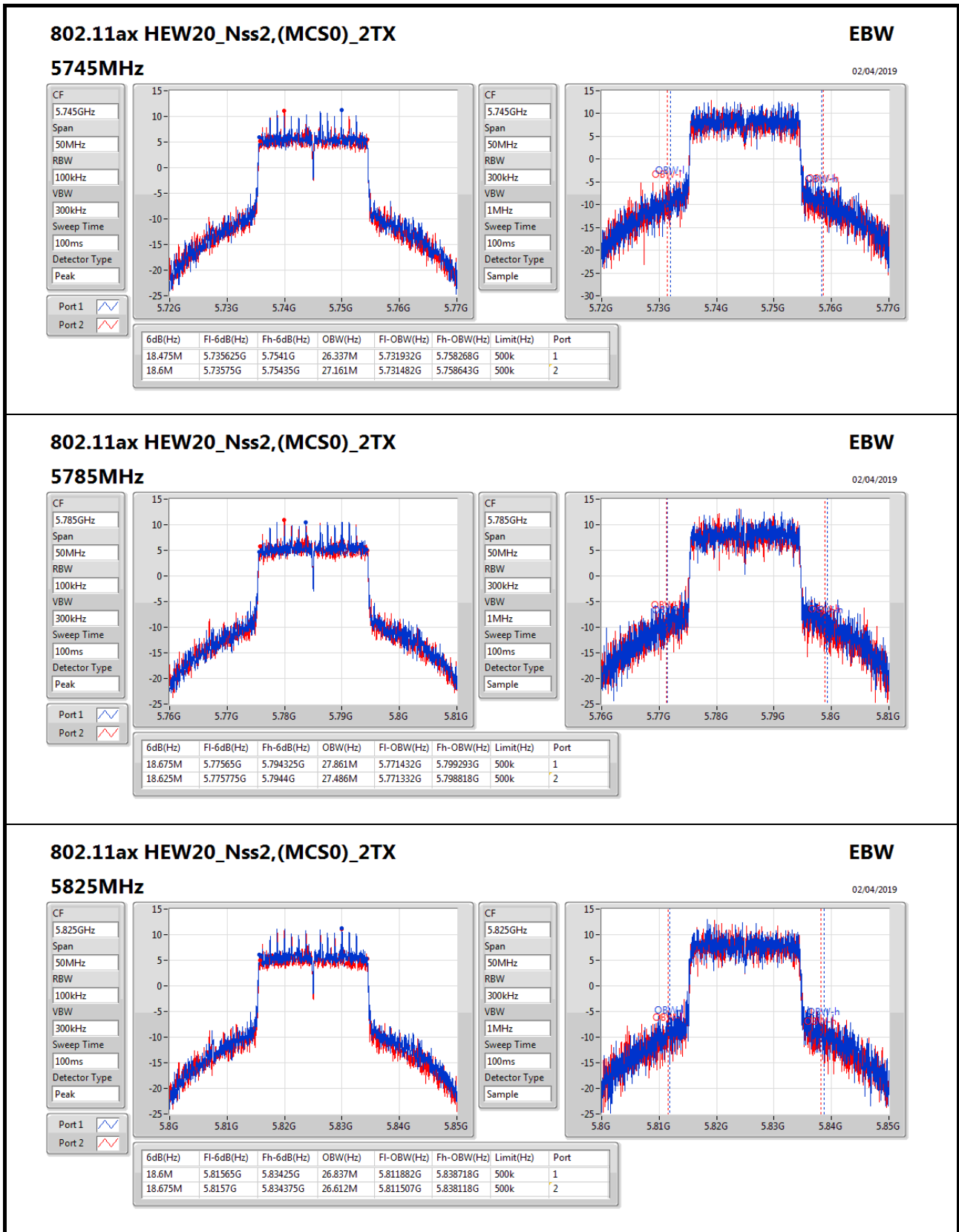


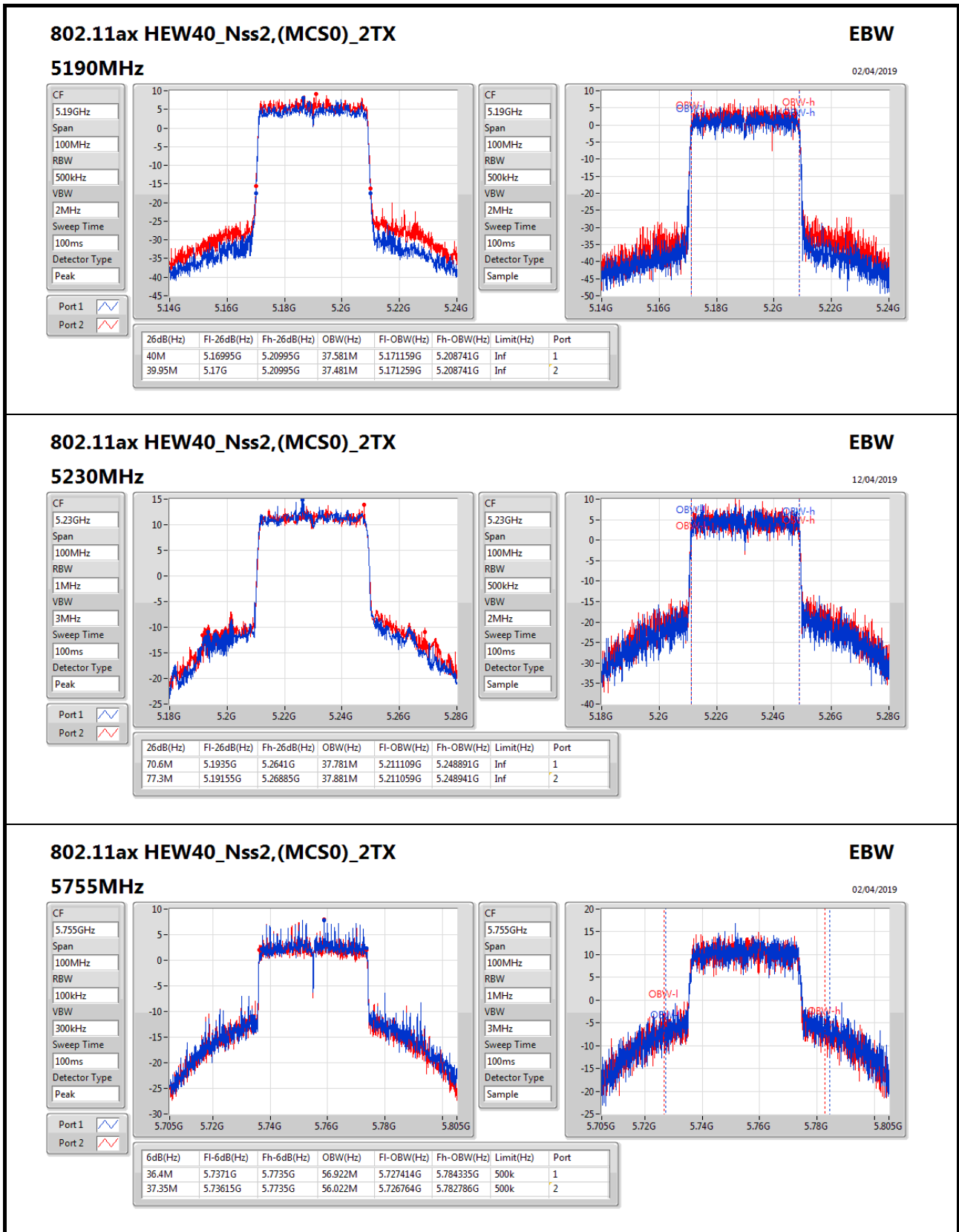
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.925M	18.966M	24.075M	18.991M
5200MHz	Pass	Inf	27.4M	19.015M	42.35M	19.165M
5240MHz	Pass	Inf	31.25M	18.991M	38.7M	19.115M
5745MHz	Pass	500k	18.475M	26.337M	18.6M	27.161M
5785MHz	Pass	500k	18.675M	27.861M	18.625M	27.486M
5825MHz	Pass	500k	18.6M	26.837M	18.675M	26.612M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	37.581M	39.95M	37.481M
5230MHz	Pass	Inf	70.6M	37.781M	77.3M	37.881M
5755MHz	Pass	500k	36.4M	56.922M	37.35M	56.022M
5795MHz	Pass	500k	35.9M	70.865M	37.25M	69.265M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	76.862M	81.4M	76.962M
5775MHz	Pass	500k	76.9M	77.461M	75.2M	77.661M

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






802.11ax HEW40_Nss2,(MCS0)_2TX
EBW

02/04/2019

5755MHz

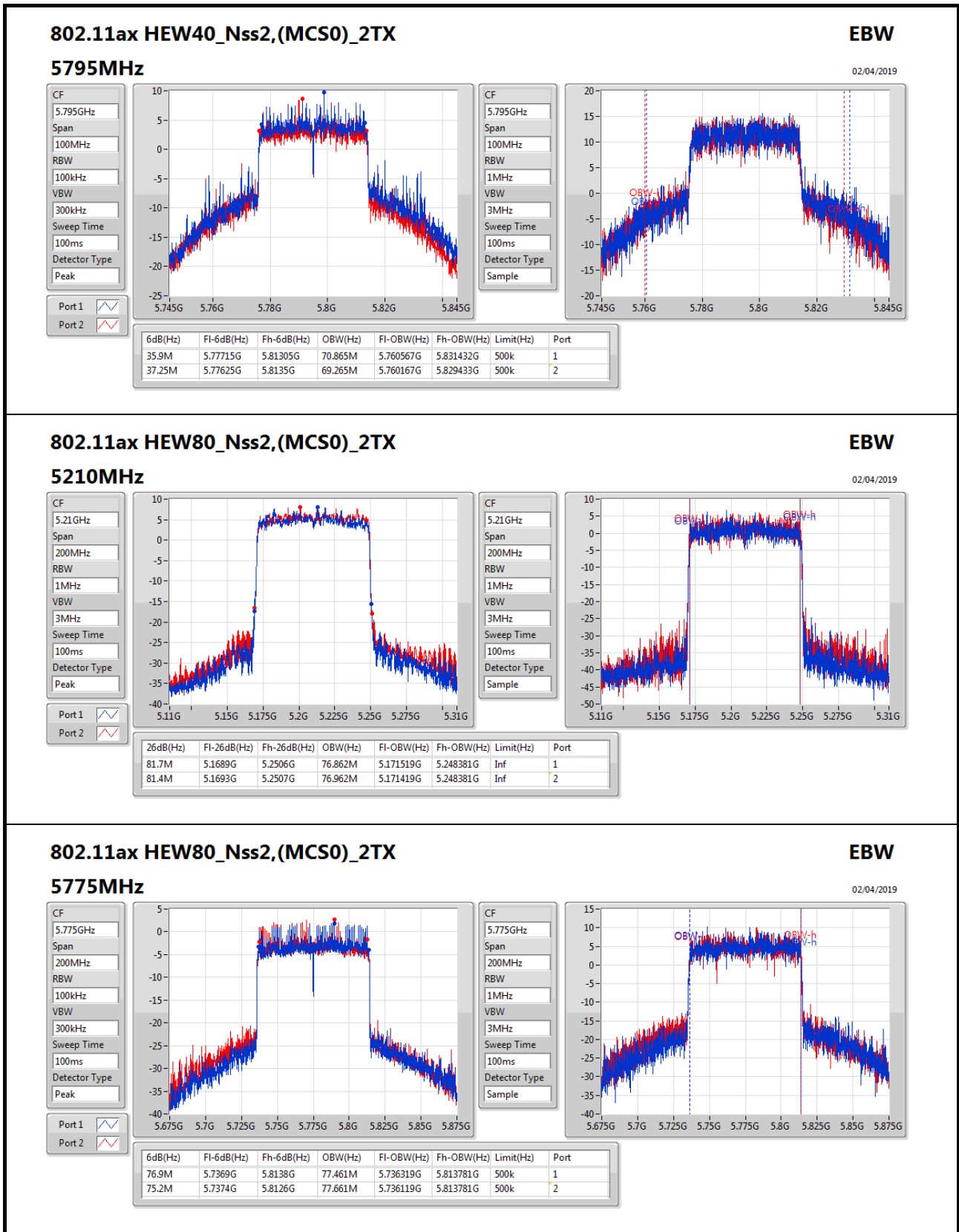
CF: 5.755GHz
Span: 100MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

Port 1:

Port 2:

CF: 5.755GHz
Span: 100MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Sample

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.4M	5.7371G	5.7735G	56.922M	5.727414G	5.784335G	500k	1
37.35M	5.73615G	5.7735G	56.022M	5.726764G	5.782786G	500k	2





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	27.3M	16.692M	16M7D1D	21.625M	16.567M
802.11ax HEW20_Nss1,(MCS0)_4TX	29.65M	19.065M	19M1D1D	21.55M	18.966M
802.11ax HEW40_Nss1,(MCS0)_4TX	70.95M	37.831M	37M8D1D	39.95M	37.531M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.8M	77.161M	77M2D1D	81.2M	76.962M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	27.411M	27M4D1D	16.275M	26.012M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.825M	29.01M	29M0D1D	18.55M	26.012M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.55M	58.071M	58M1D1D	36.6M	42.879M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.1M	77.361M	77M4D1D	76.8M	77.261M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

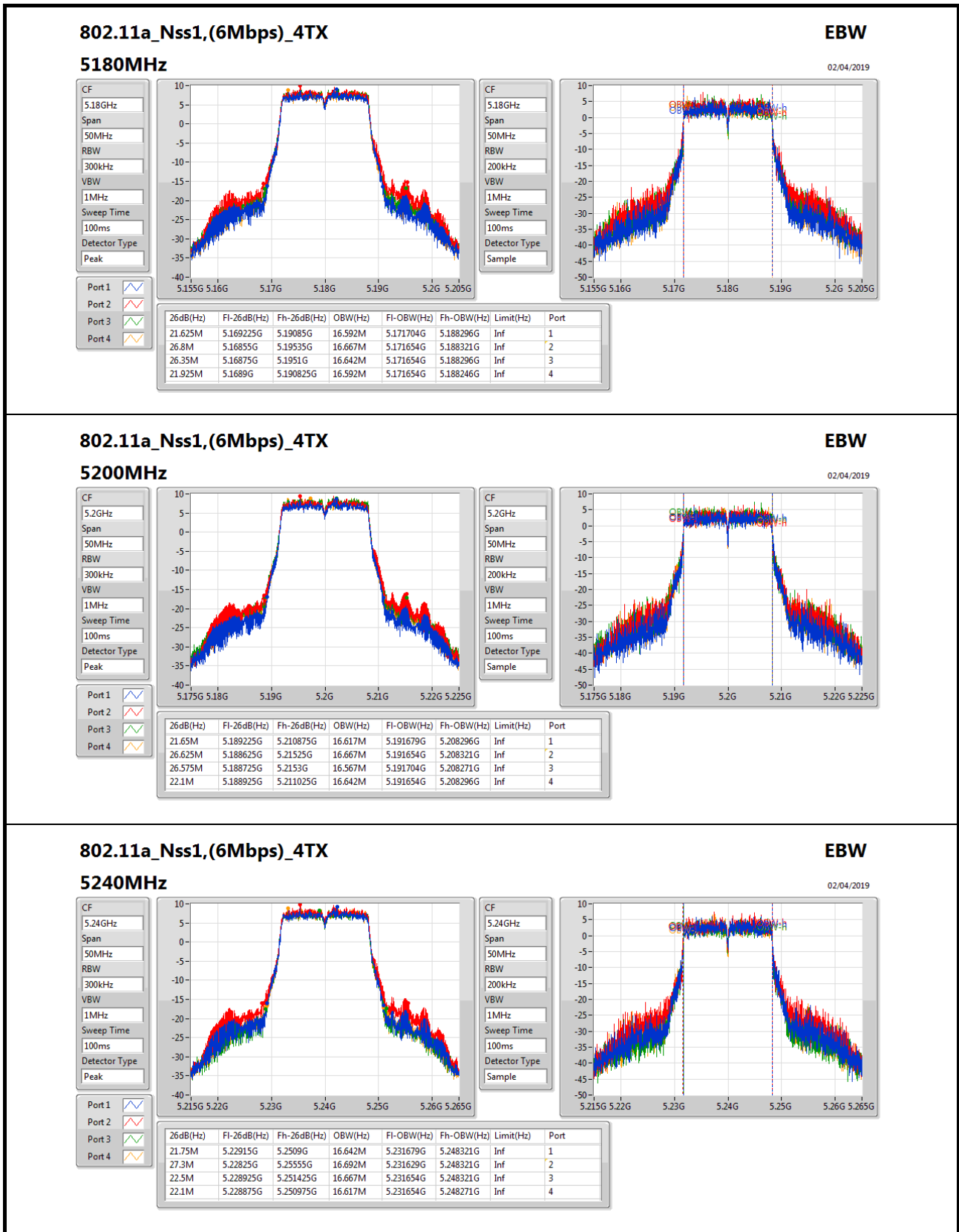


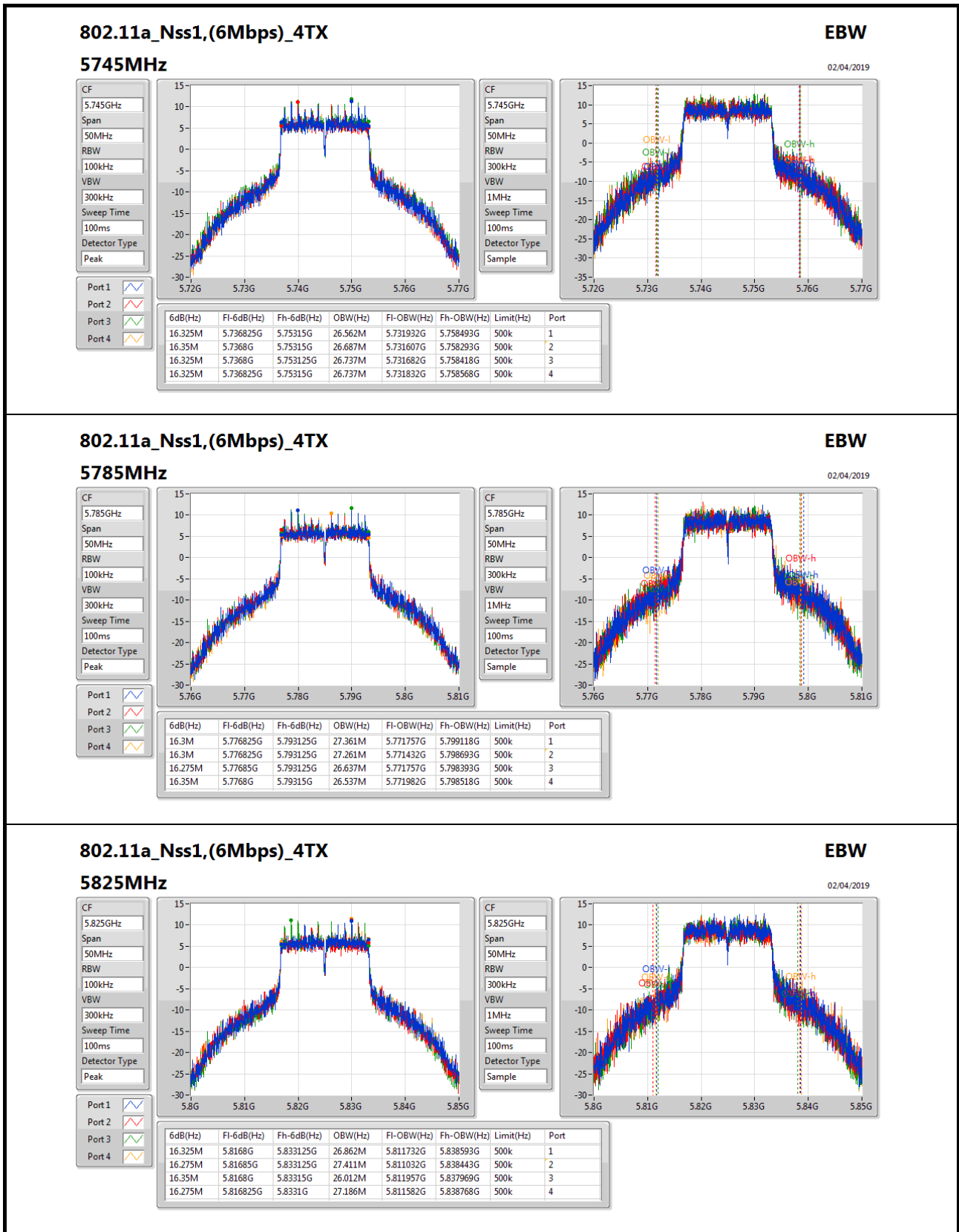
Result

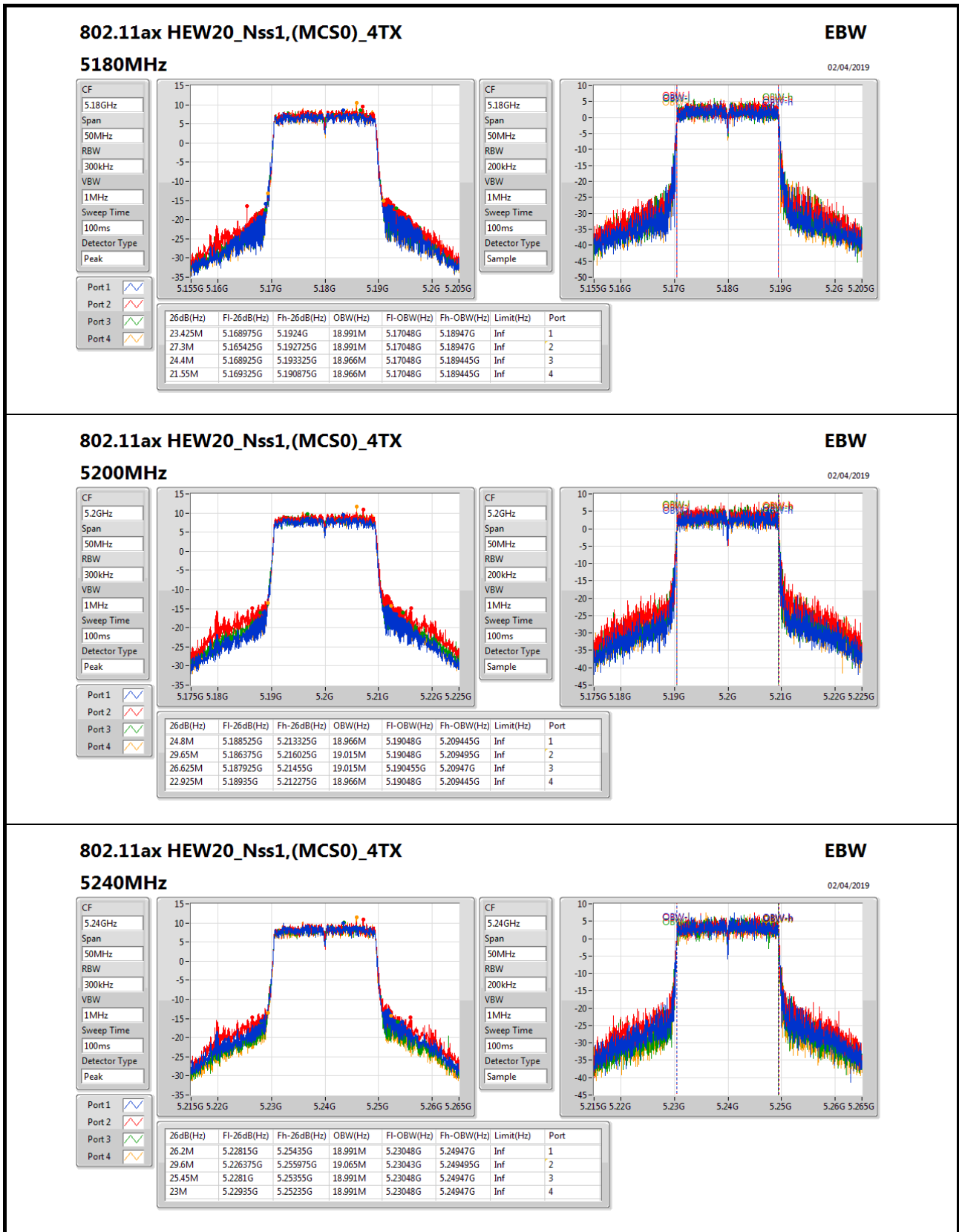
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.625M	16.592M	26.8M	16.667M	26.35M	16.642M	21.925M	16.592M
5200MHz	Pass	Inf	21.65M	16.617M	26.625M	16.667M	26.575M	16.567M	22.1M	16.642M
5240MHz	Pass	Inf	21.75M	16.642M	27.3M	16.692M	22.5M	16.667M	22.1M	16.617M
5745MHz	Pass	500k	16.325M	26.562M	16.35M	26.687M	16.325M	26.737M	16.325M	26.737M
5785MHz	Pass	500k	16.3M	27.361M	16.3M	27.261M	16.275M	26.637M	16.35M	26.537M
5825MHz	Pass	500k	16.325M	26.862M	16.275M	27.411M	16.35M	26.012M	16.275M	27.186M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.425M	18.991M	27.3M	18.991M	24.4M	18.966M	21.55M	18.966M
5200MHz	Pass	Inf	24.8M	18.966M	29.65M	19.015M	26.625M	19.015M	22.925M	18.966M
5240MHz	Pass	Inf	26.2M	18.991M	29.6M	19.065M	25.45M	18.991M	23M	18.991M
5745MHz	Pass	500k	18.8M	28.286M	18.825M	29.01M	18.55M	27.661M	18.825M	27.561M
5785MHz	Pass	500k	18.75M	28.011M	18.575M	28.036M	18.7M	26.012M	18.775M	27.686M
5825MHz	Pass	500k	18.7M	28.136M	18.8M	28.061M	18.725M	27.086M	18.725M	28.611M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.95M	37.581M	40.1M	37.531M	40.1M	37.631M	40.1M	37.631M
5230MHz	Pass	Inf	52.75M	37.731M	70.95M	37.831M	69.8M	37.781M	58.6M	37.731M
5755MHz	Pass	500k	37.55M	46.727M	37.15M	47.776M	37.5M	43.928M	37.2M	42.879M
5795MHz	Pass	500k	37.5M	58.071M	36.6M	55.922M	37.5M	53.873M	37.2M	54.723M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	77.161M	81.2M	76.962M	81.5M	76.962M	81.6M	77.061M
5775MHz	Pass	500k	76.9M	77.361M	77.1M	77.361M	76.8M	77.261M	76.8M	77.261M

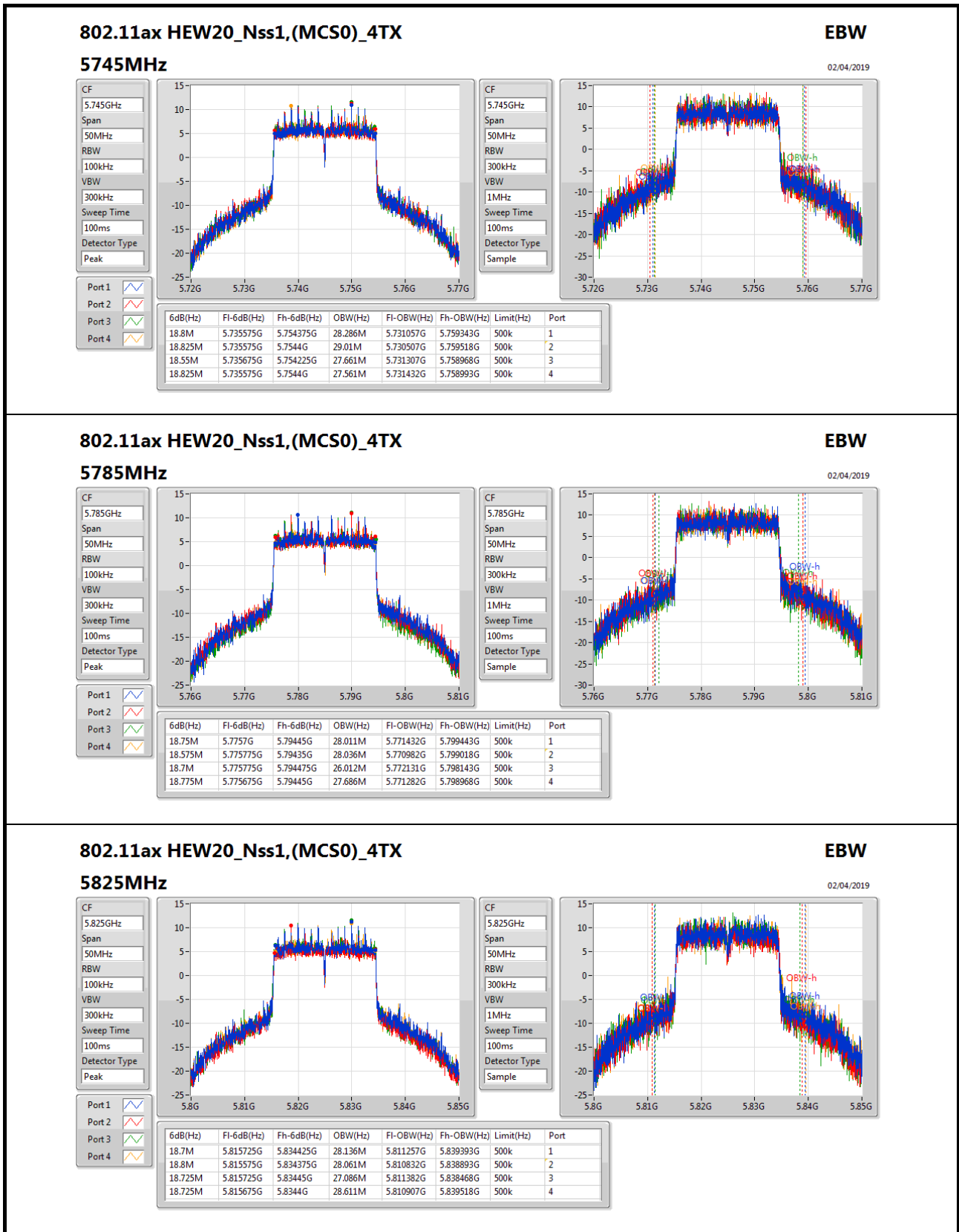
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

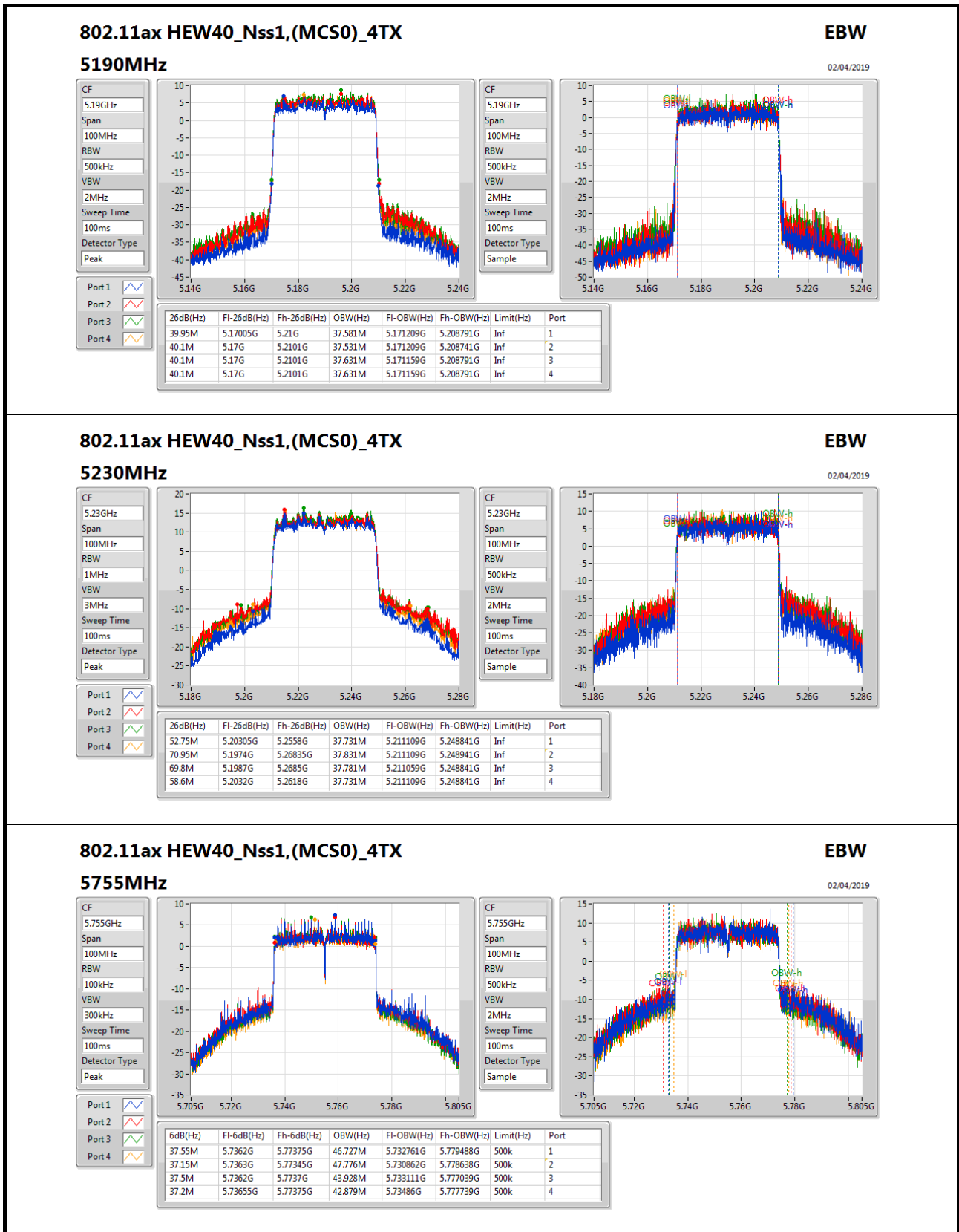
Port X-OBW = Port X 99% occupied bandwidth;










802.11ax HEW40_Nss1,(MCS0)_4TX
EBW

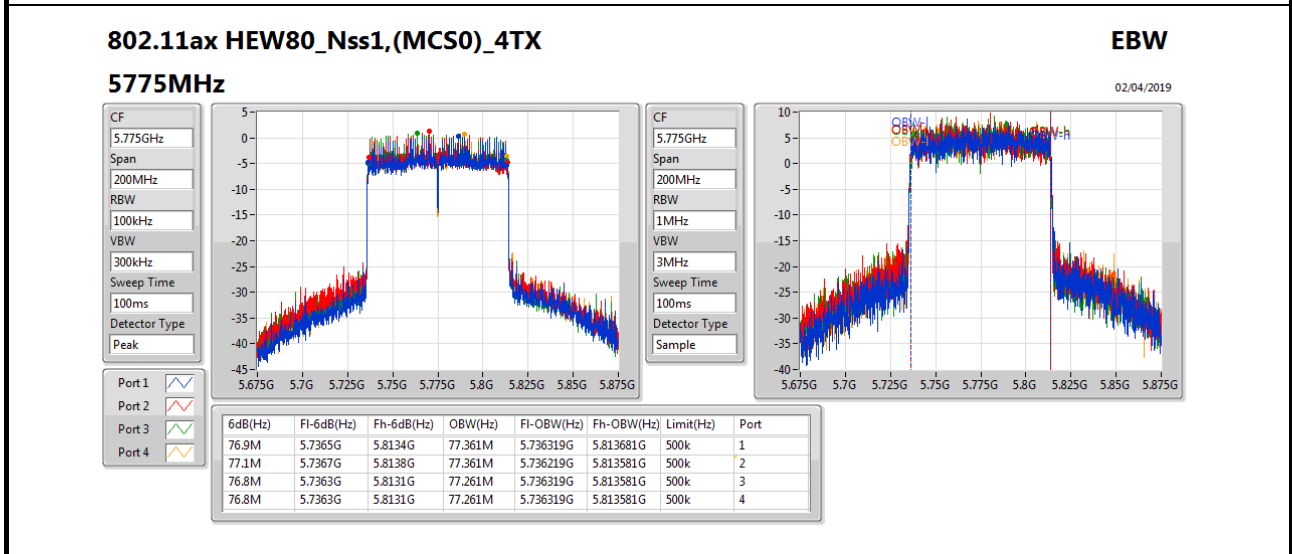
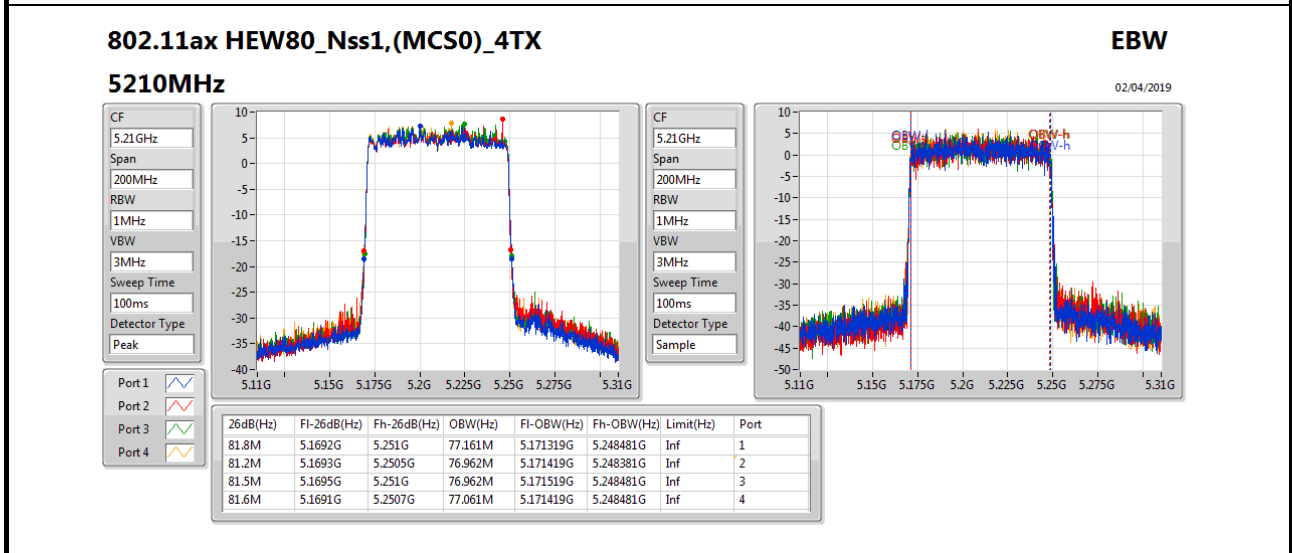
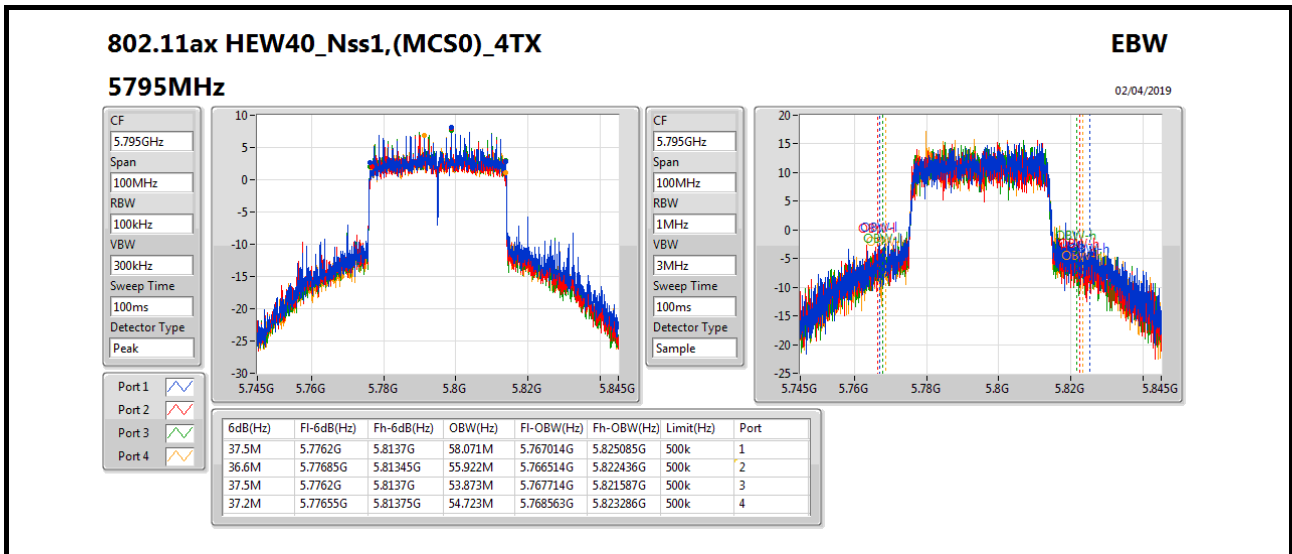
02/04/2019

5755MHz

CF: 5.755GHz
Span: 100MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.755GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Sample

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	5.7362G	5.77375G	46.727M	5.732761G	5.779488G	500k	1
37.15M	5.7363G	5.77345G	47.776M	5.730862G	5.778638G	500k	2
37.5M	5.7362G	5.7737G	43.928M	5.733111G	5.777039G	500k	3
37.2M	5.73655G	5.77375G	42.879M	5.73486G	5.777739G	500k	4





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.075M	19.015M	19M0D1D	21.35M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	42M	37.631M	37M6D1D	40M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.7M	77.161M	77M2D1D	81.3M	76.962M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.075M	19.015M	19M0D1D	18.9M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.5M	37.731M	37M7D1D	37.25M	37.631M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.5M	77.261M	77M3D1D	76.3M	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;

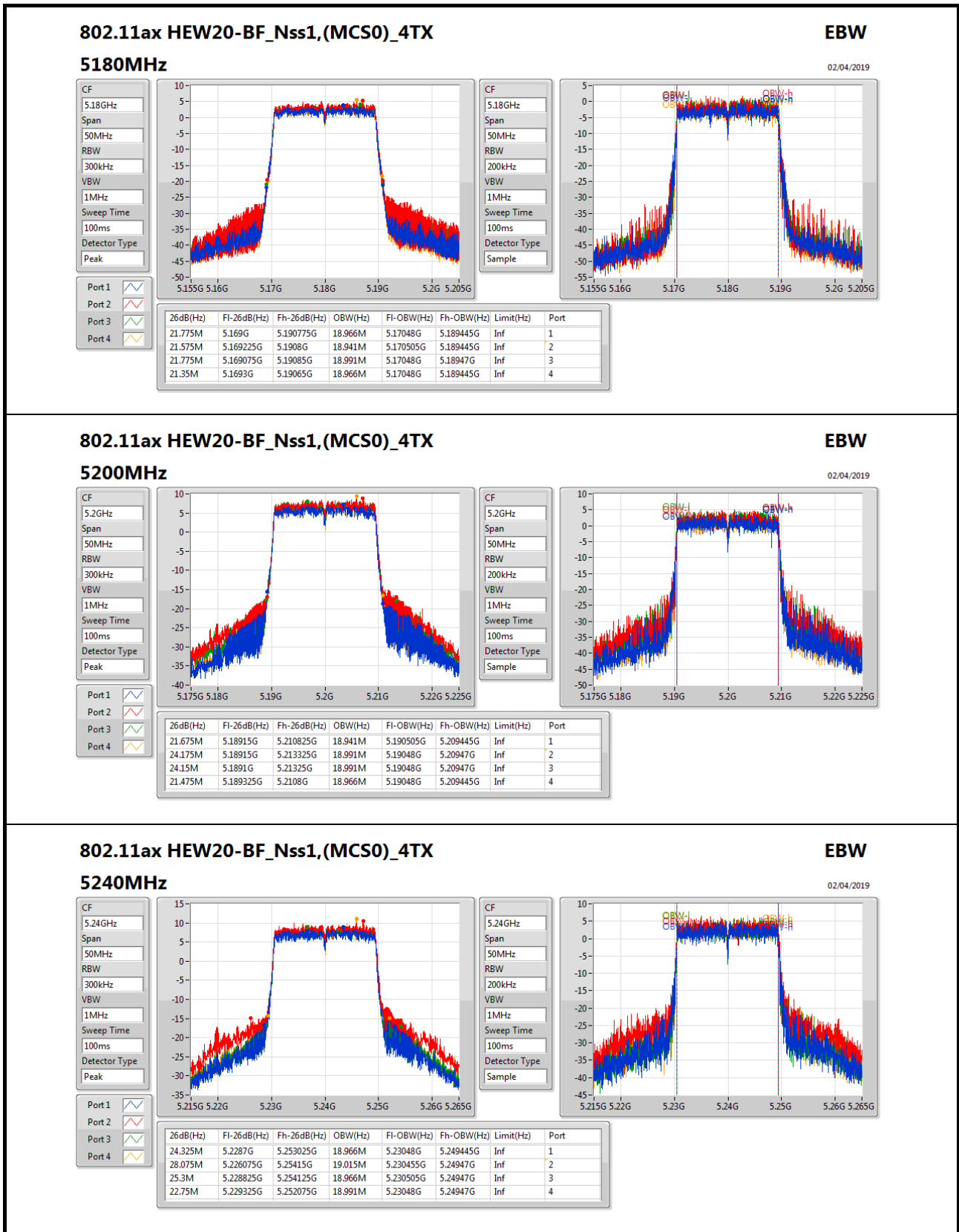


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.775M	18.966M	21.575M	18.941M	21.775M	18.991M	21.35M	18.966M
5200MHz	Pass	Inf	21.675M	18.941M	24.175M	18.991M	24.15M	18.991M	21.475M	18.966M
5240MHz	Pass	Inf	24.325M	18.966M	28.075M	19.015M	25.3M	18.966M	22.75M	18.991M
5745MHz	Pass	500k	19M	18.991M	18.9M	19.015M	19.05M	18.991M	19M	18.966M
5785MHz	Pass	500k	18.95M	18.966M	18.975M	18.991M	19.05M	18.991M	19.075M	19.015M
5825MHz	Pass	500k	18.925M	18.991M	18.925M	18.991M	19.075M	19.015M	19.025M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40M	37.531M	40.05M	37.581M	40.05M	37.531M	40.1M	37.631M
5230MHz	Pass	Inf	40M	37.631M	42M	37.631M	40.3M	37.581M	40.2M	37.481M
5755MHz	Pass	500k	37.5M	37.631M	37.3M	37.631M	37.45M	37.631M	37.25M	37.631M
5795MHz	Pass	500k	37.5M	37.681M	37.25M	37.681M	37.5M	37.731M	37.4M	37.681M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	77.161M	81.4M	77.161M	81.3M	76.962M	81.5M	76.962M
5775MHz	Pass	500k	76.3M	77.261M	77.5M	77.161M	76.8M	77.261M	77.4M	77.161M

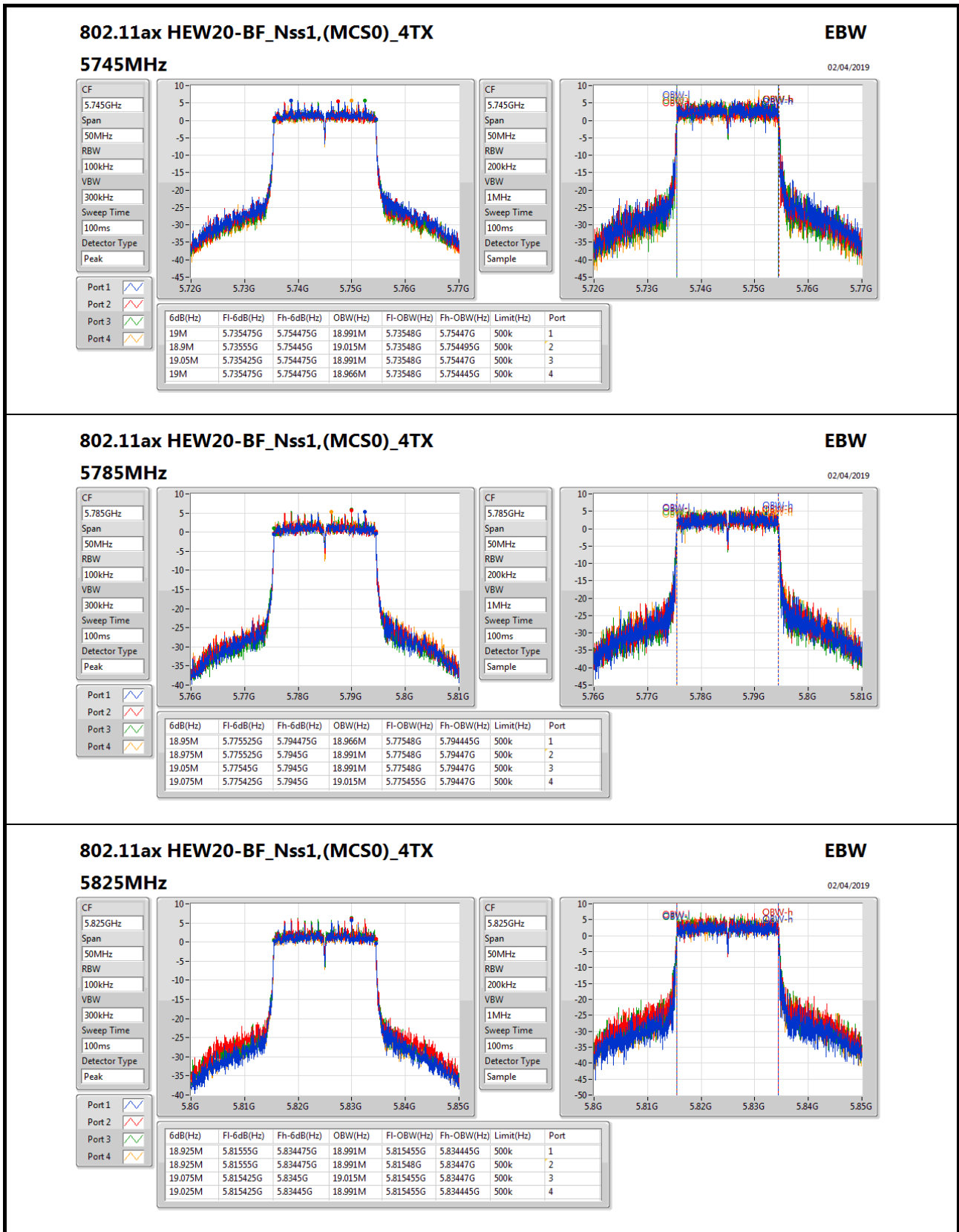
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

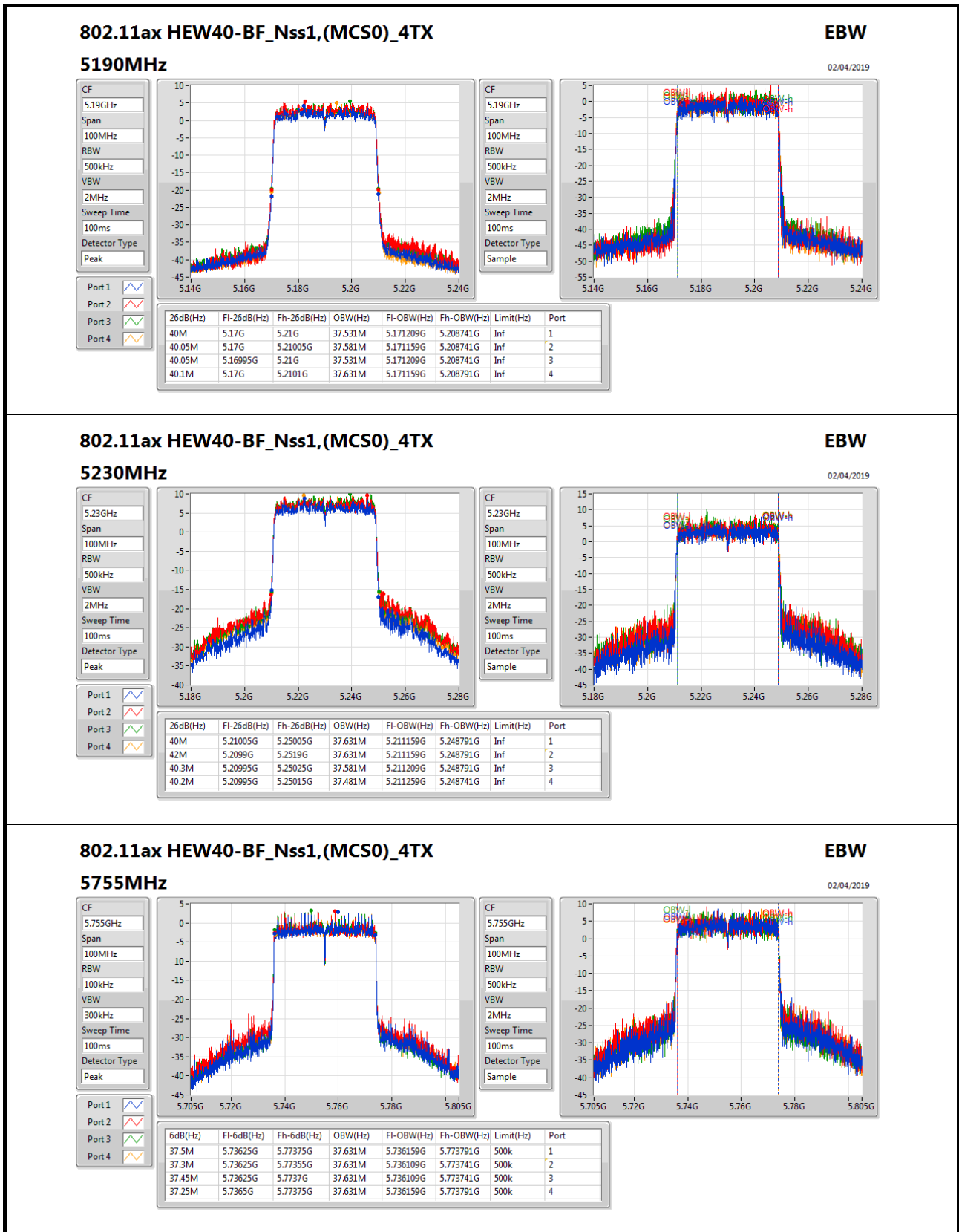
Port X-OBW = Port X 99% occupied bandwidth;


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW

CF: 5.24GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample




802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz
02/04/2019

CF
5.755GHz

Span
100MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

CF
5.755GHz

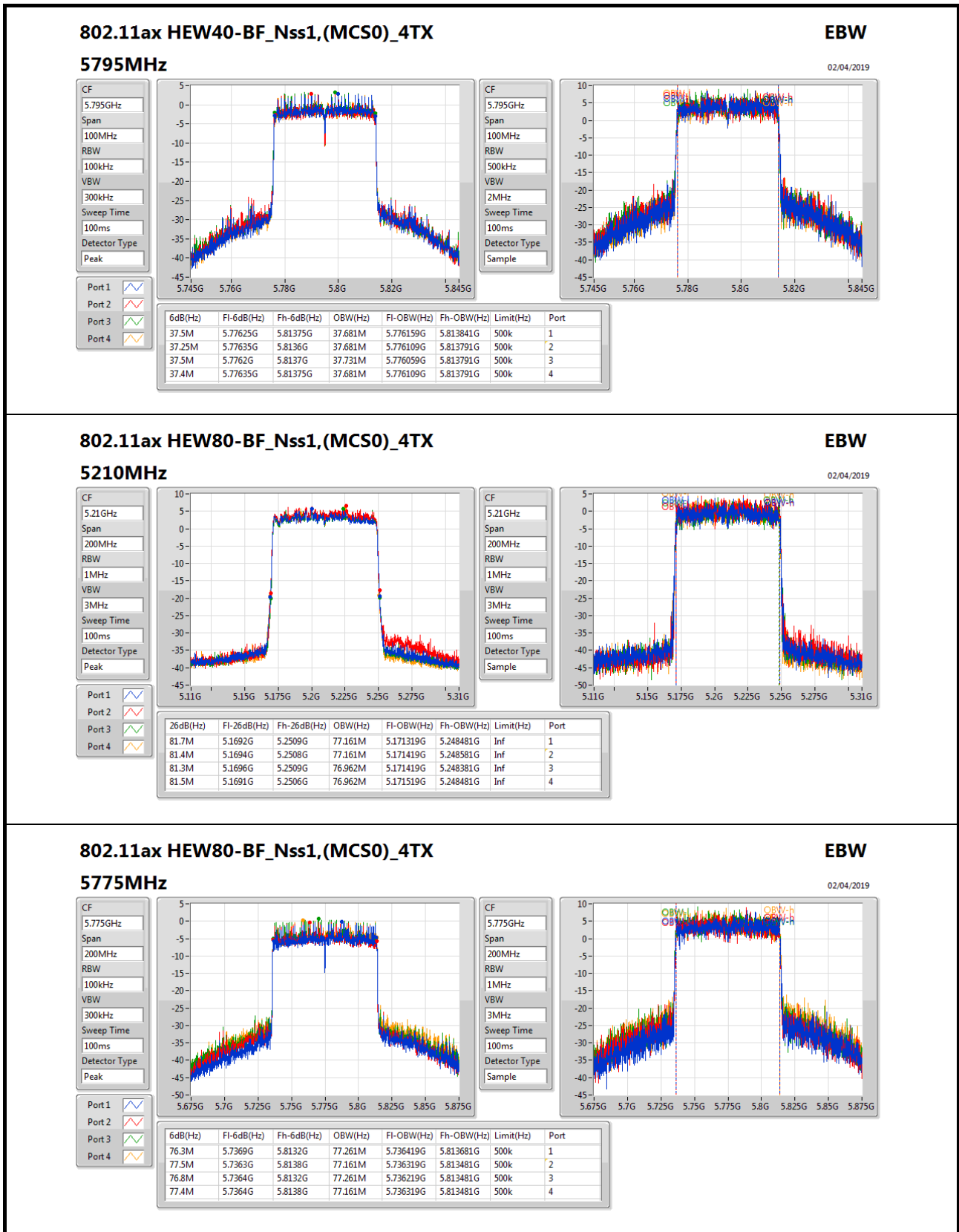
Span
100MHz

RBW
500kHz

VBW
2MHz

Sweep Time
100ms

Detector Type
Sample



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz

EBW
02/04/2019

CF: 5.775GHz
Span: 200MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak



Port 1

Port 2

Port 3

Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.3M	5.7369G	5.8132G	77.261M	5.736419G	5.813681G	500k	1
77.5M	5.7363G	5.8138G	77.161M	5.736319G	5.813481G	500k	2
76.8M	5.7364G	5.8132G	77.261M	5.736219G	5.813481G	500k	3
77.4M	5.7364G	5.8138G	77.161M	5.736319G	5.813481G	500k	4

CF: 5.775GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Sample





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	38.35M	19.09M	19M1D1D	21.525M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	73.35M	37.781M	37M8D1D	40.05M	37.431M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.9M	77.261M	77M3D1D	81.3M	76.862M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	18.775M	29.385M	29M4D1D	18.075M	26.712M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.25M	64.368M	64M4D1D	35.5M	39.98M
802.11ax HEW80_Nss4,(MCS0)_4TX	76.9M	77.361M	77M4D1D	76.5M	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;

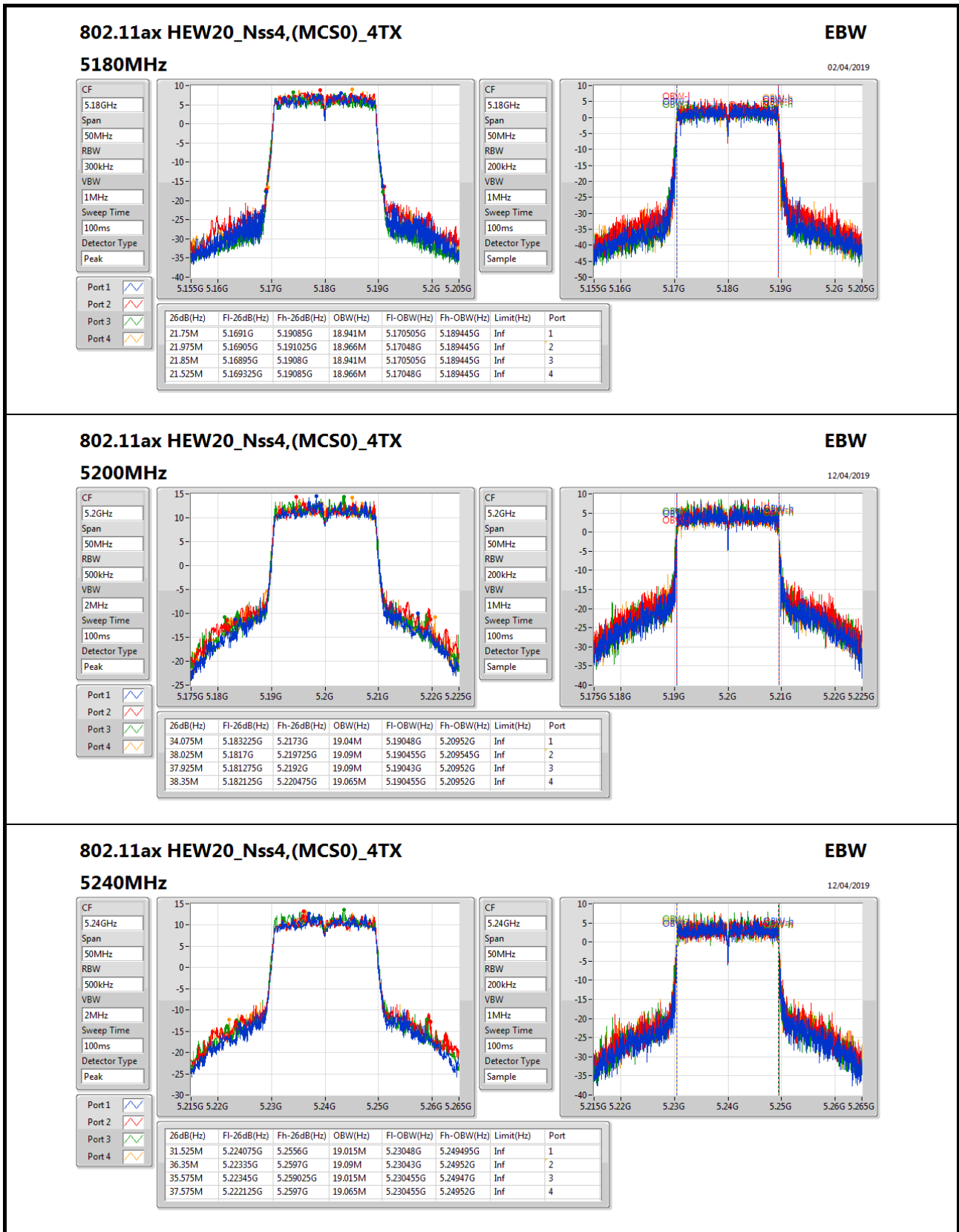


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	18.941M	21.975M	18.966M	21.85M	18.941M	21.525M	18.966M
5200MHz	Pass	Inf	34.075M	19.04M	38.025M	19.09M	37.925M	19.09M	38.35M	19.065M
5240MHz	Pass	Inf	31.525M	19.015M	36.35M	19.09M	35.575M	19.015M	37.575M	19.065M
5745MHz	Pass	500k	18.675M	26.712M	18.25M	26.912M	18.525M	27.886M	18.075M	28.461M
5785MHz	Pass	500k	18.775M	27.786M	18.55M	29.385M	18.7M	27.511M	18.65M	27.761M
5825MHz	Pass	500k	18.625M	27.511M	18.525M	27.686M	18.65M	27.036M	18.5M	28.161M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	37.531M	40.05M	37.581M	40.05M	37.431M	40.25M	37.581M
5230MHz	Pass	Inf	52.65M	37.631M	73.35M	37.781M	62.3M	37.681M	57.8M	37.731M
5755MHz	Pass	500k	37.15M	40.38M	36.5M	46.027M	36.95M	39.98M	37.25M	43.978M
5795MHz	Pass	500k	36.85M	63.418M	36.45M	64.368M	35.5M	62.619M	36.3M	63.818M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.3M	76.962M	81.6M	76.862M	81.9M	77.261M	81.9M	77.161M
5775MHz	Pass	500k	76.5M	77.161M	76.5M	77.361M	76.7M	77.161M	76.9M	77.361M

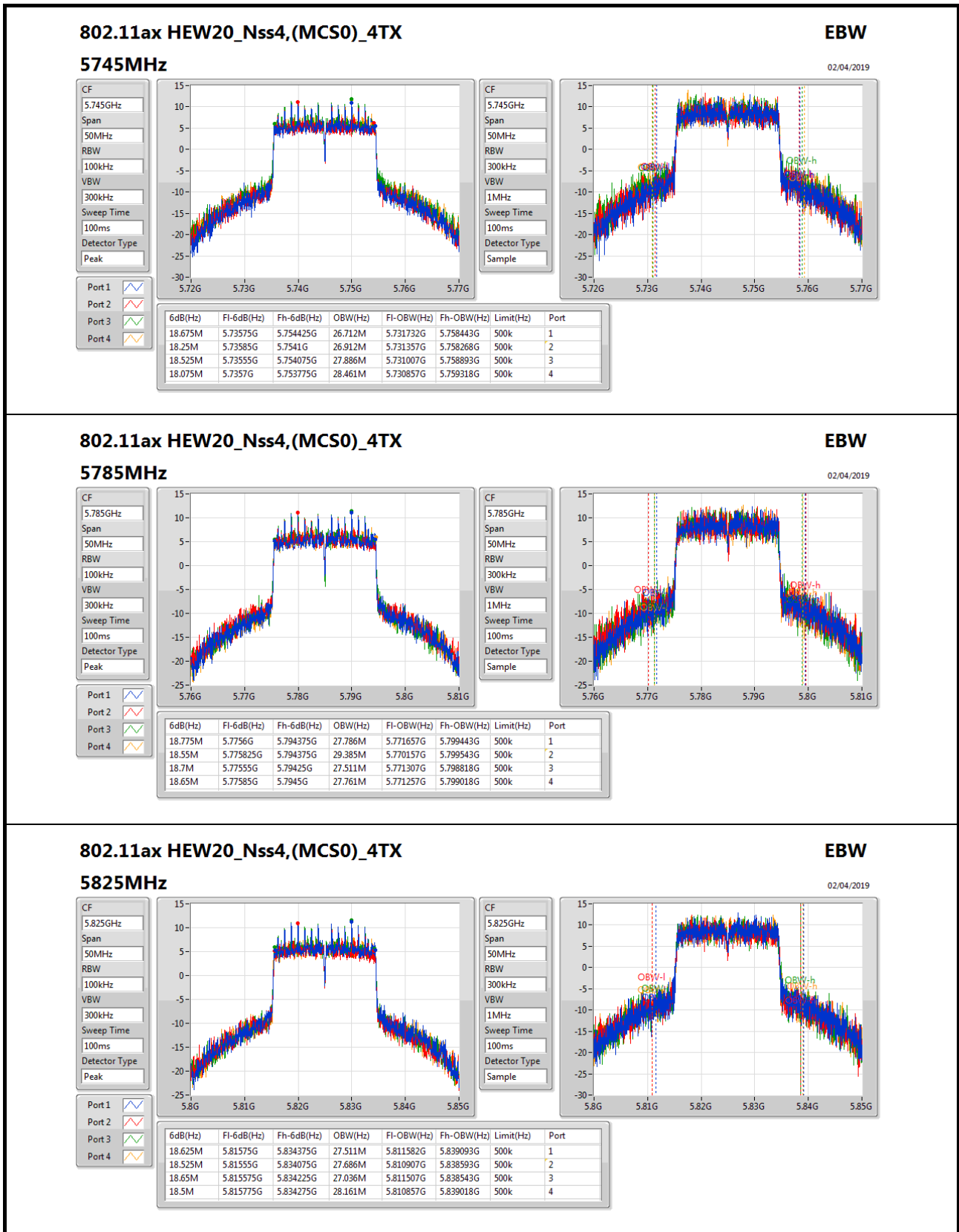
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

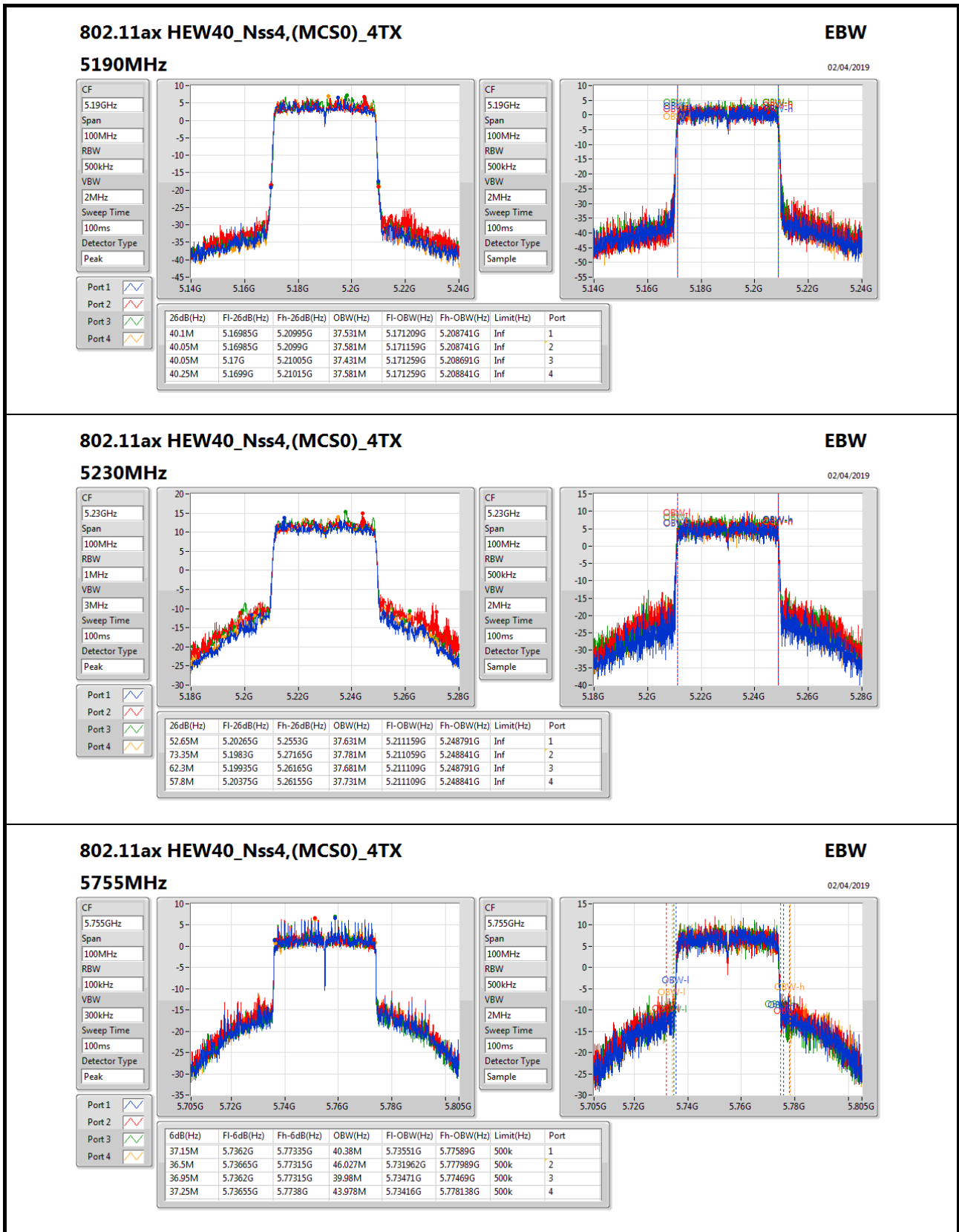
Port X-OBW = Port X 99% occupied bandwidth;


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5240MHz
12/04/2019

CF: 5.24GHz
Span: 50MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample




802.11ax HEW40_Nss4,(MCS0)_4TX
EBW

02/04/2019

5755MHz

CF: 5.755GHz
Span: 100MHz
RBW: 100kHz
VBW: 300kHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.755GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Peak

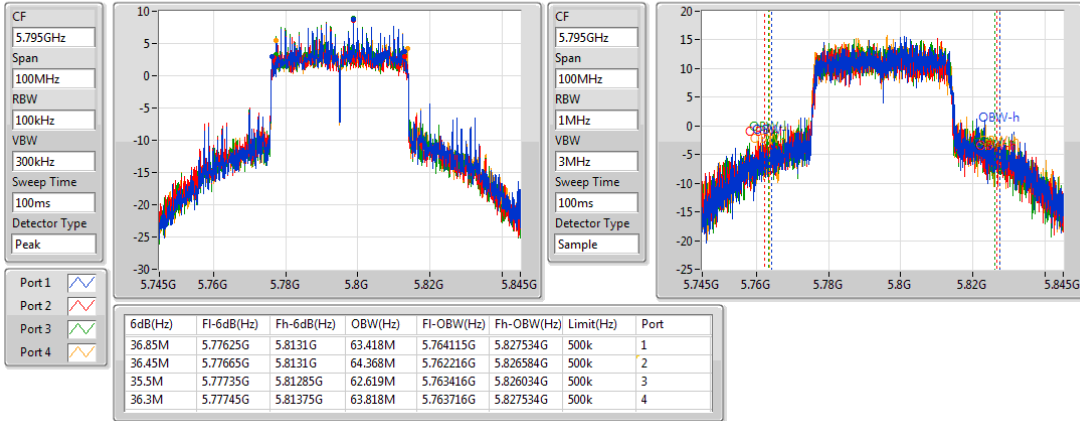
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.15M	5.7362G	5.77335G	40.38M	5.73551G	5.77589G	500k	1
36.5M	5.73665G	5.77315G	46.027M	5.731962G	5.777989G	500k	2
36.95M	5.7362G	5.77315G	39.98M	5.73471G	5.77469G	500k	3
37.25M	5.73655G	5.7738G	43.978M	5.73416G	5.778138G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX

EBW

5795MHz

02/04/2019

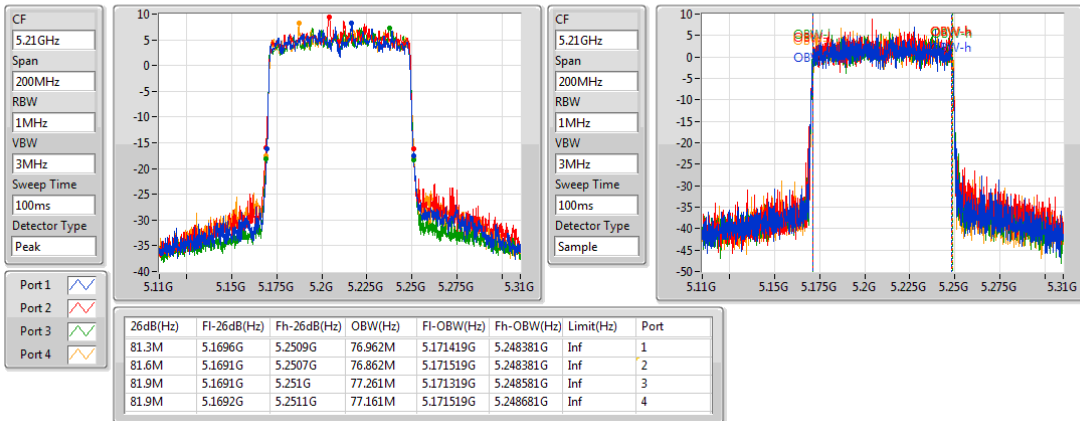


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5210MHz

02/04/2019

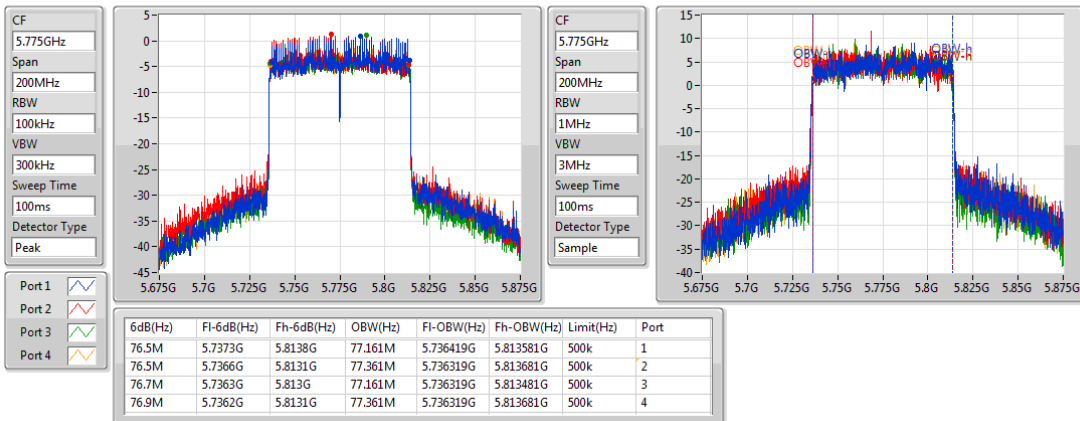


802.11ax HEW80_Nss4,(MCS0)_4TX

EBW

5775MHz

02/04/2019





For Outdoor use for 5G Band 1:
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	21.575M	16.642M	16M6D1D	21.55M	16.542M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.675M	18.991M	19M0D1D	21.625M	18.941M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.1M	37.481M	37M5D1D	40M	37.481M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.6M	77.161M	77M2D1D	81.6M	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;

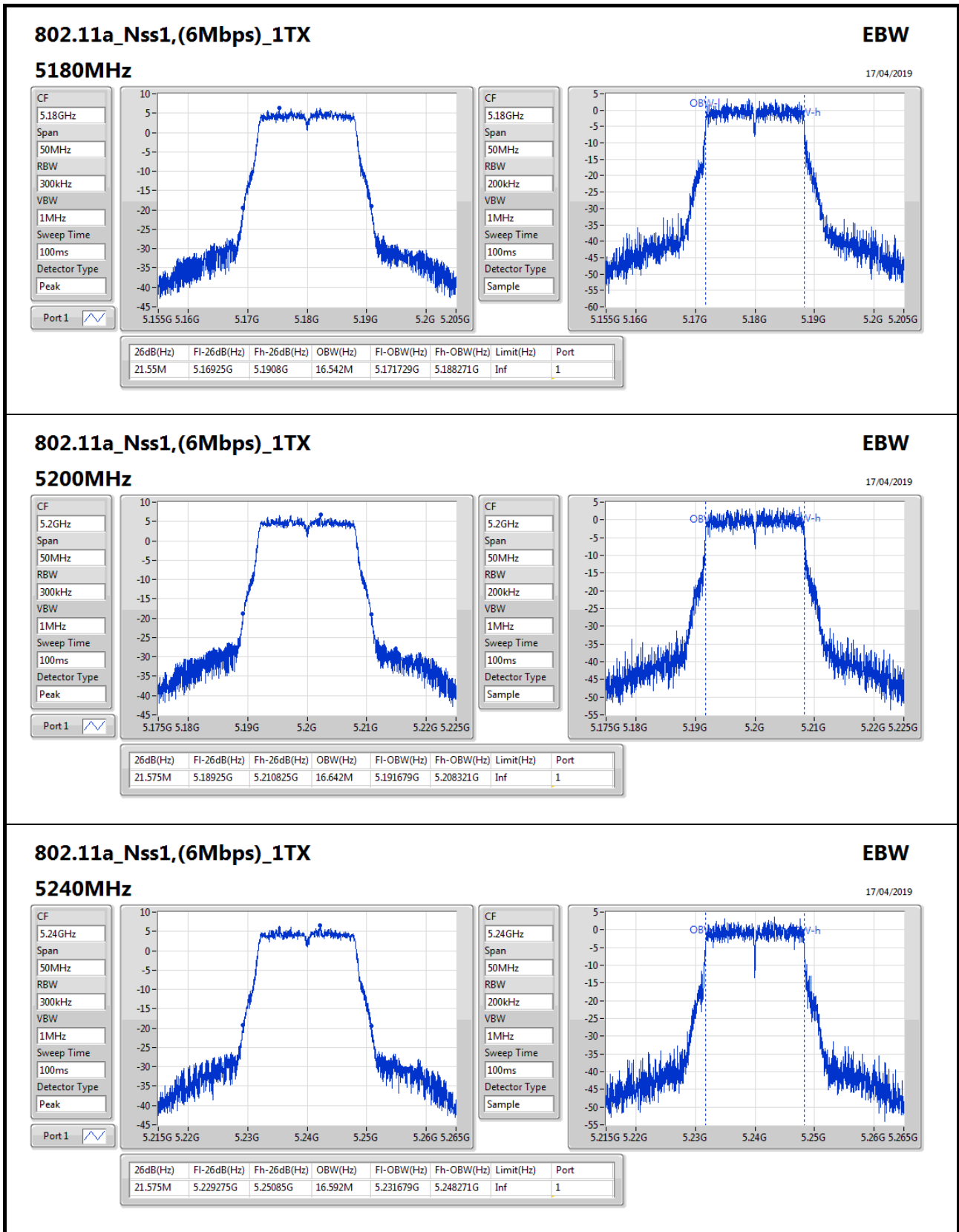


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.55M	16.542M
5200MHz	Pass	Inf	21.575M	16.642M
5240MHz	Pass	Inf	21.575M	16.592M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.625M	18.941M
5200MHz	Pass	Inf	21.65M	18.991M
5240MHz	Pass	Inf	21.675M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.1M	37.481M
5230MHz	Pass	Inf	40M	37.481M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.6M	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;


802.11a_Nss1,(6Mbps)_1TX
EBW

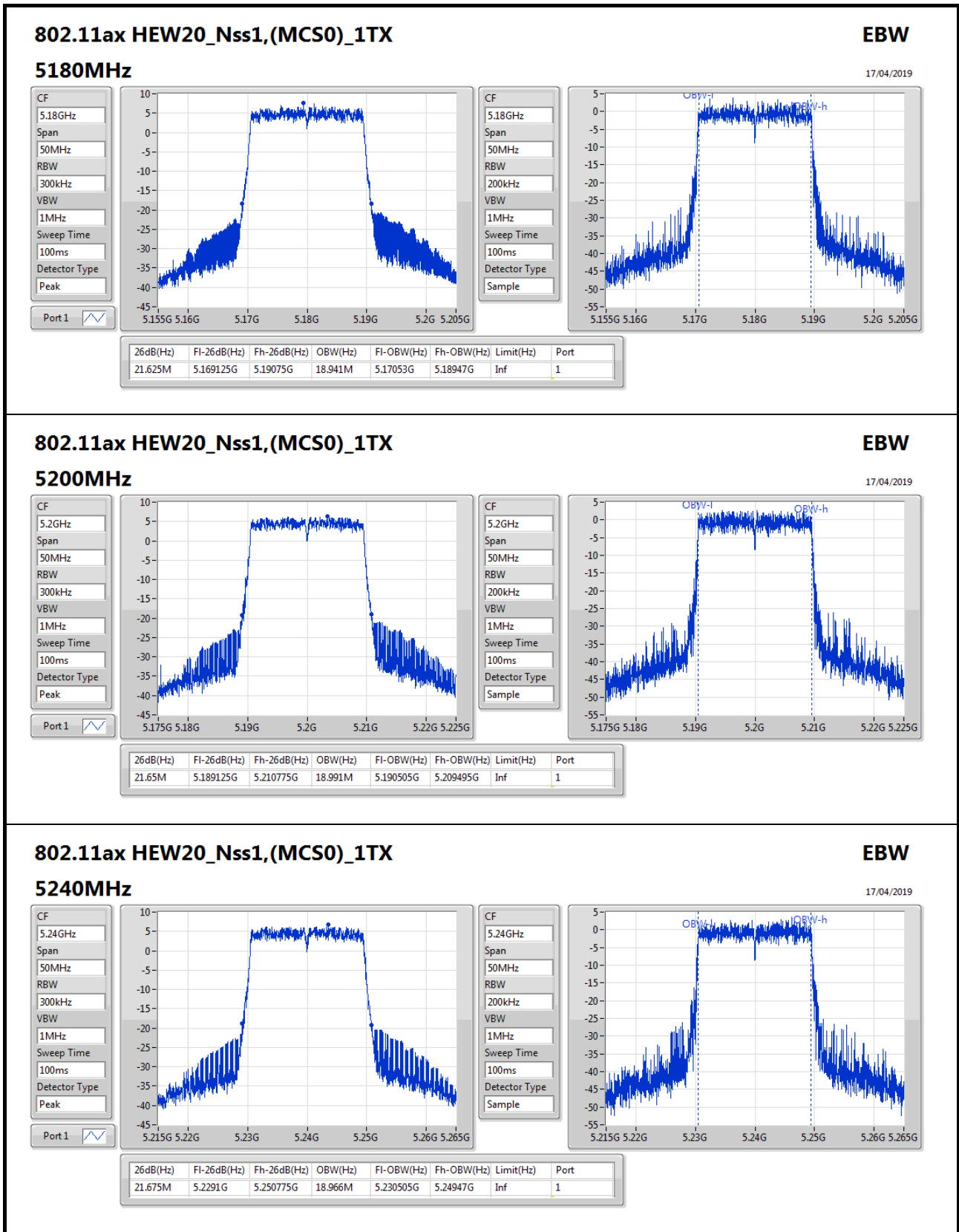
17/04/2019

5240MHz

CF: 5.24GHz
 Span: 50MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.229275G	5.25085G	16.592M	5.231679G	5.248271G	Inf	1

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.229275G	5.25085G	16.592M	5.231679G	5.248271G	Inf	1


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW

17/04/2019

5240MHz

CF: 5.24GHz

Span: 50MHz

RBW: 300kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Peak

Port 1

CF: 5.24GHz

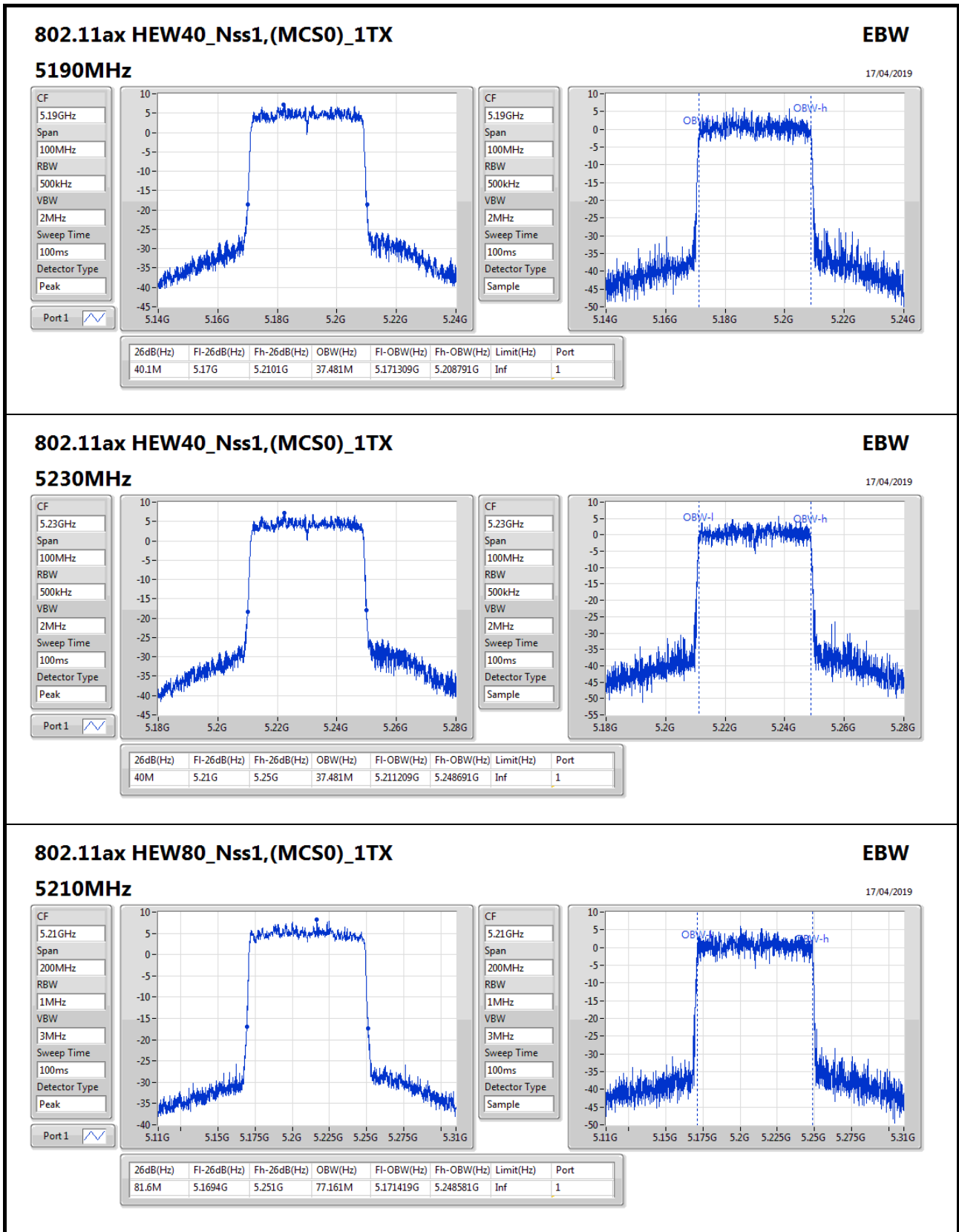
Span: 50MHz

RBW: 200kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Sample





For Outdoor use for 5G Band 1:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.925M	18.966M	19M0D1D	21.425M	18.916M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.05M	37.531M	37M5D1D	39.95M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.3M	76.962M	77M0D1D	81.2M	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;

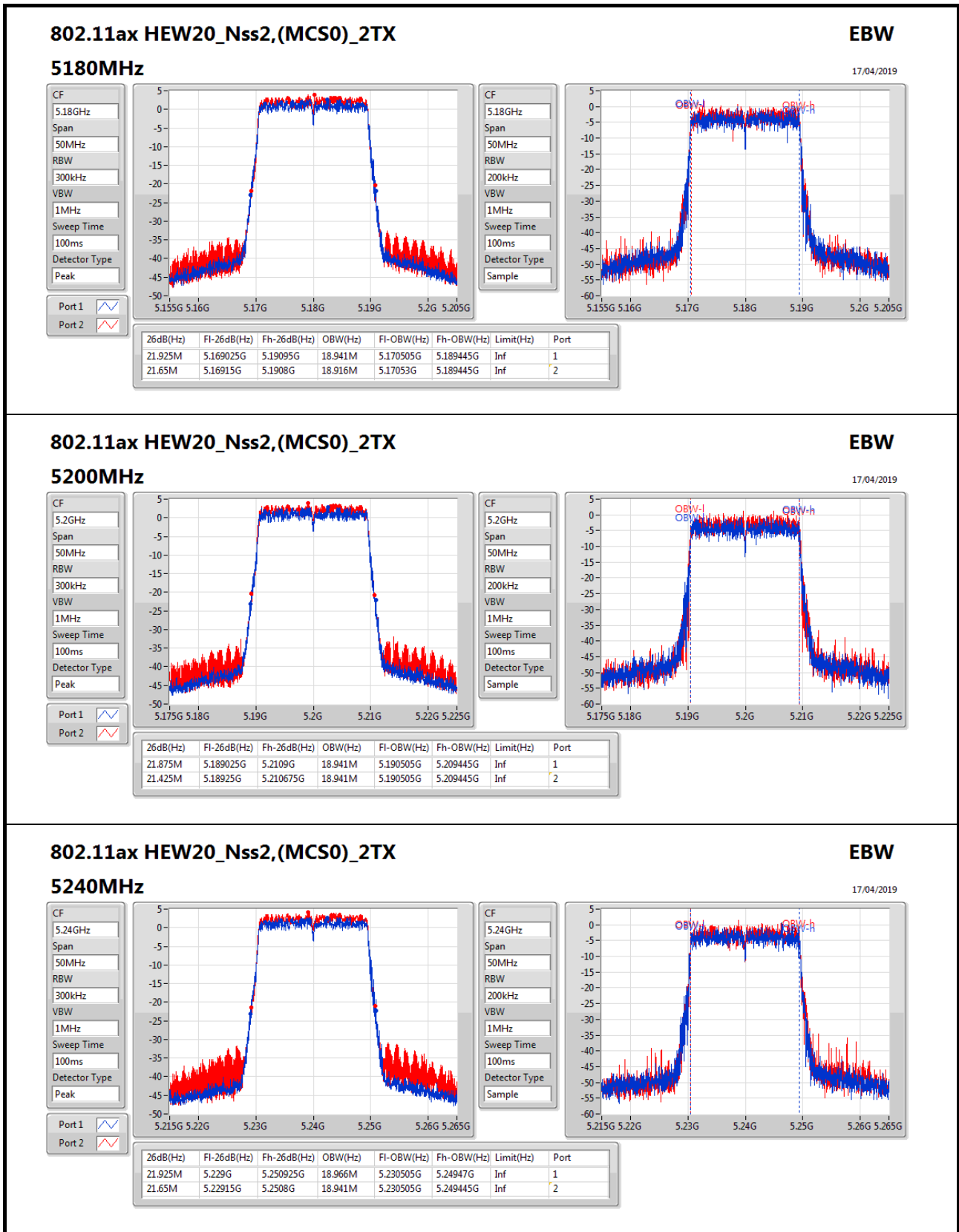
Min-OBW = Minimum 99% occupied bandwidth;

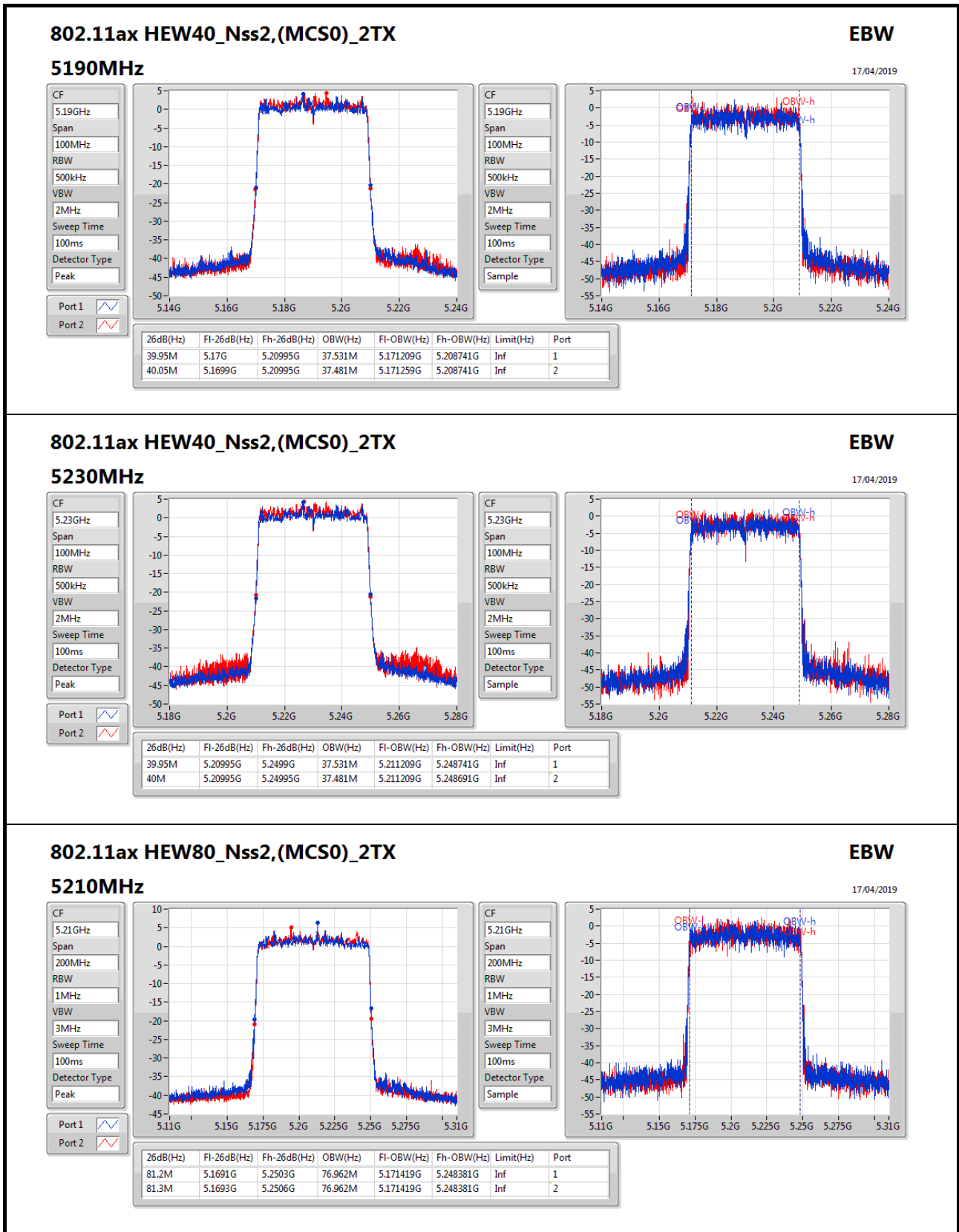


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.925M	18.941M	21.65M	18.916M
5200MHz	Pass	Inf	21.875M	18.941M	21.425M	18.941M
5240MHz	Pass	Inf	21.925M	18.966M	21.65M	18.941M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.95M	37.531M	40.05M	37.481M
5230MHz	Pass	Inf	39.95M	37.531M	40M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.2M	76.962M	81.3M	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;




802.11ax HEW80_Nss2,(MCS0)_2TX
EBW

17/04/2019

5210MHz

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

Port 1:

Port 2:

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Sample

Port 1:

Port 2:



**For Outdoor use for 5G Band 1:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.775M	16.642M	16M6D1D	21.425M	16.542M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.925M	18.991M	19M0D1D	21.275M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.15M	37.631M	37M6D1D	39.95M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.8M	77.161M	77M2D1D	81.3M	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;

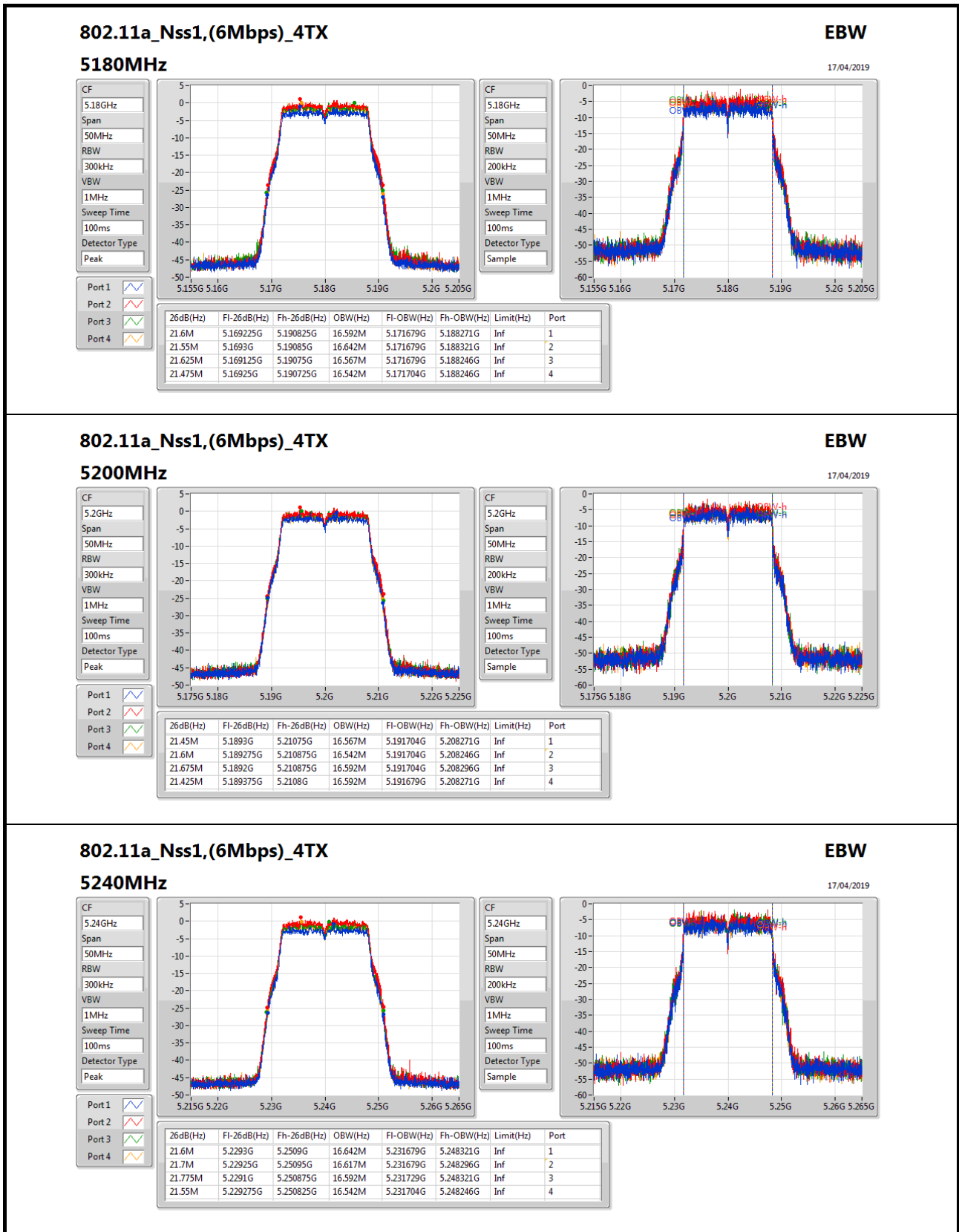


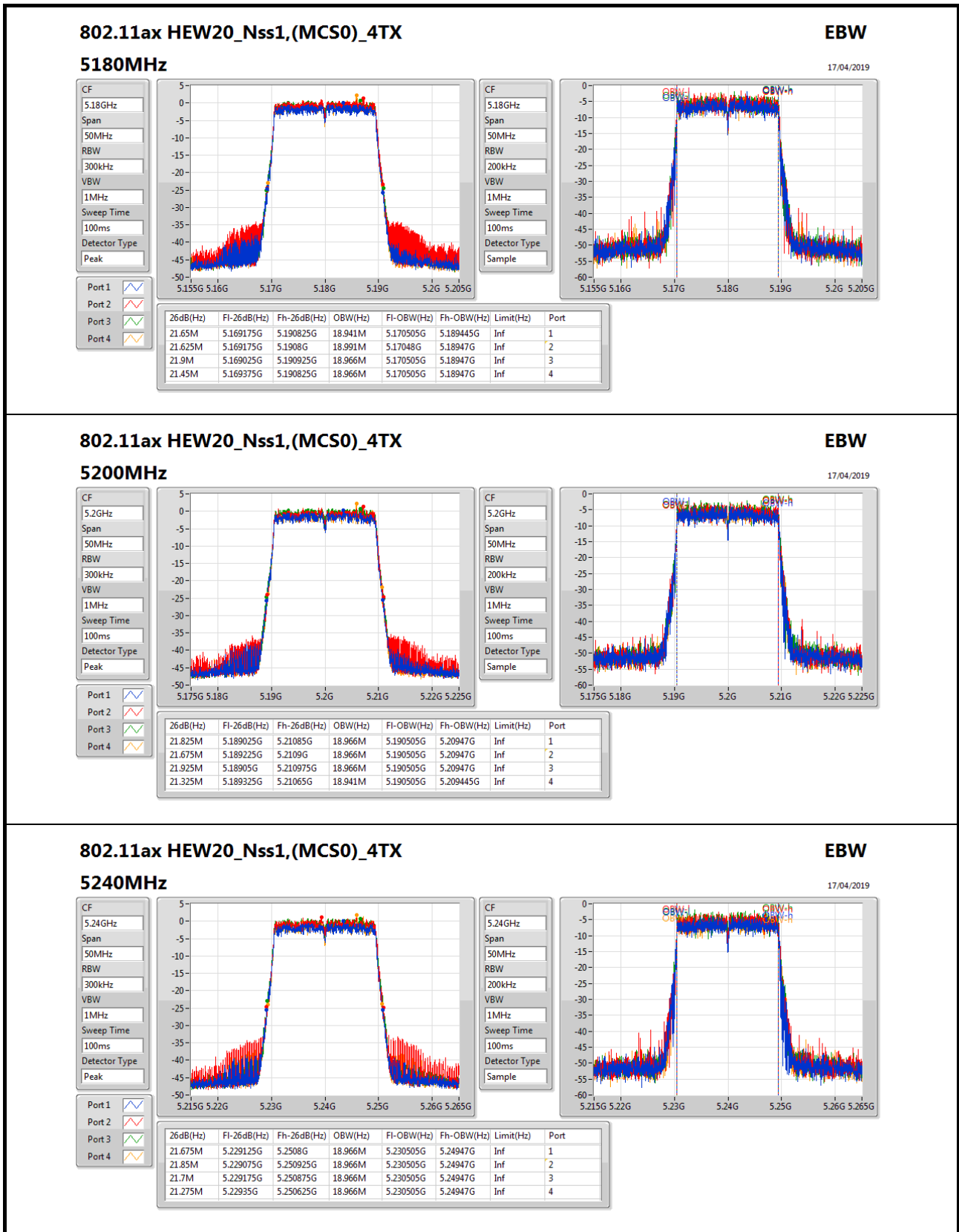
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	16.592M	21.55M	16.642M	21.625M	16.567M	21.475M	16.542M
5200MHz	Pass	Inf	21.45M	16.567M	21.6M	16.542M	21.675M	16.592M	21.425M	16.592M
5240MHz	Pass	Inf	21.6M	16.642M	21.7M	16.617M	21.775M	16.592M	21.55M	16.542M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.65M	18.941M	21.625M	18.991M	21.9M	18.966M	21.45M	18.966M
5200MHz	Pass	Inf	21.825M	18.966M	21.675M	18.966M	21.925M	18.966M	21.325M	18.941M
5240MHz	Pass	Inf	21.675M	18.966M	21.85M	18.966M	21.7M	18.966M	21.275M	18.966M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.95M	37.531M	40.15M	37.531M	40M	37.531M	40.15M	37.531M
5230MHz	Pass	Inf	40.15M	37.481M	40.05M	37.531M	39.95M	37.631M	40.05M	37.531M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	77.161M	81.3M	77.061M	81.3M	77.161M	81.6M	76.962M

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

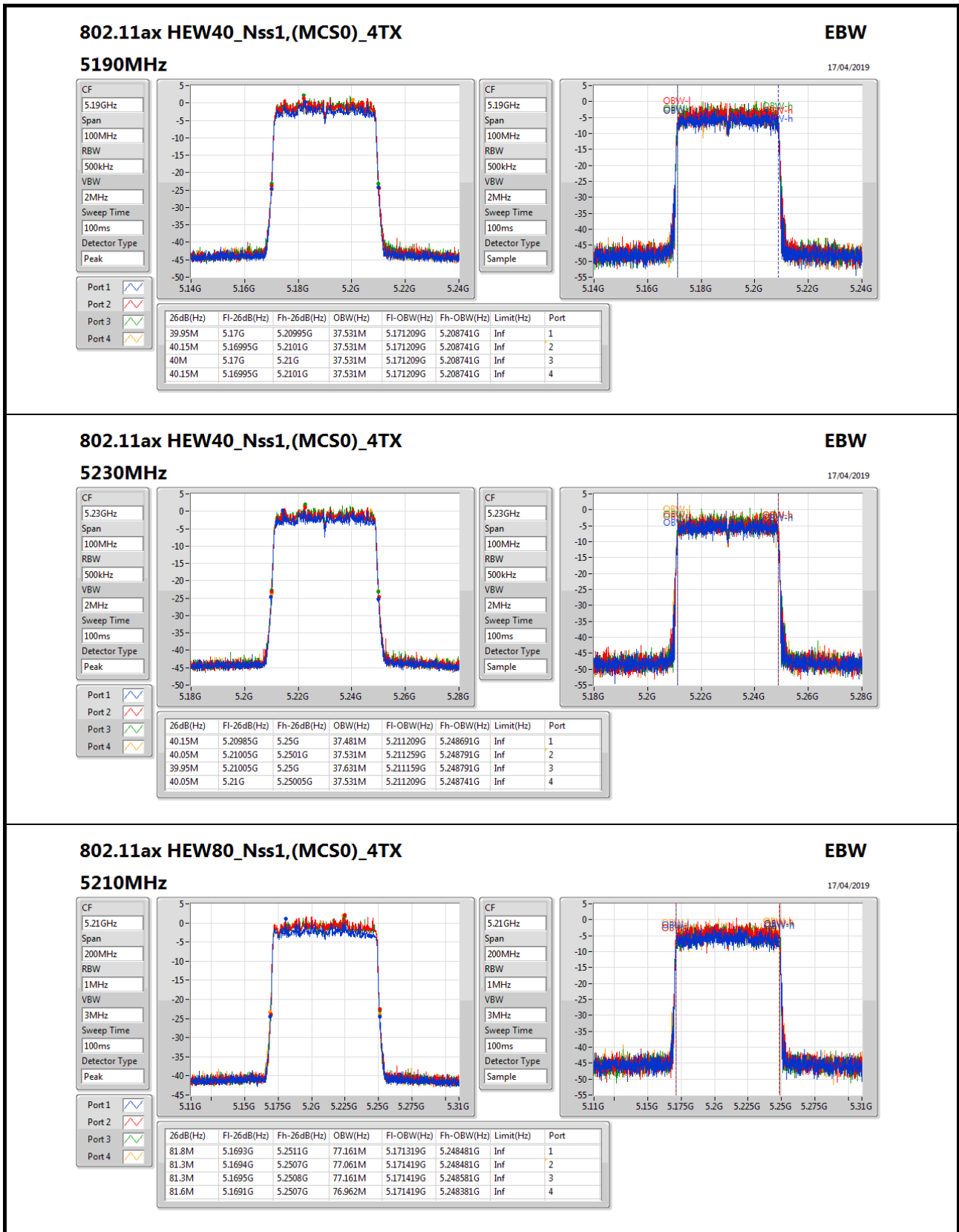
Port X-OBW = Port X 99% occupied bandwidth;




802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz
17/04/2019

CF: 5.24GHz
Span: 50MHz
RBW: 300kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.24GHz
Span: 50MHz
RBW: 200kHz
VBW: 1MHz
Sweep Time: 100ms
Detector Type: Sample


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW

17/04/2019

5210MHz

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.1693G	5.2511G	77.161M	5.171319G	5.248481G	Inf	1
81.3M	5.1694G	5.2507G	77.061M	5.171419G	5.248481G	Inf	2
81.3M	5.1695G	5.2508G	77.161M	5.171419G	5.248581G	Inf	3
81.6M	5.1691G	5.2507G	76.962M	5.171419G	5.248381G	Inf	4



For Outdoor use for 5G Band 1:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.175M	18.991M	19M0D1D	21.35M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.631M	37M6D1D	40.05M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.6M	77.261M	77M3D1D	81.2M	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;

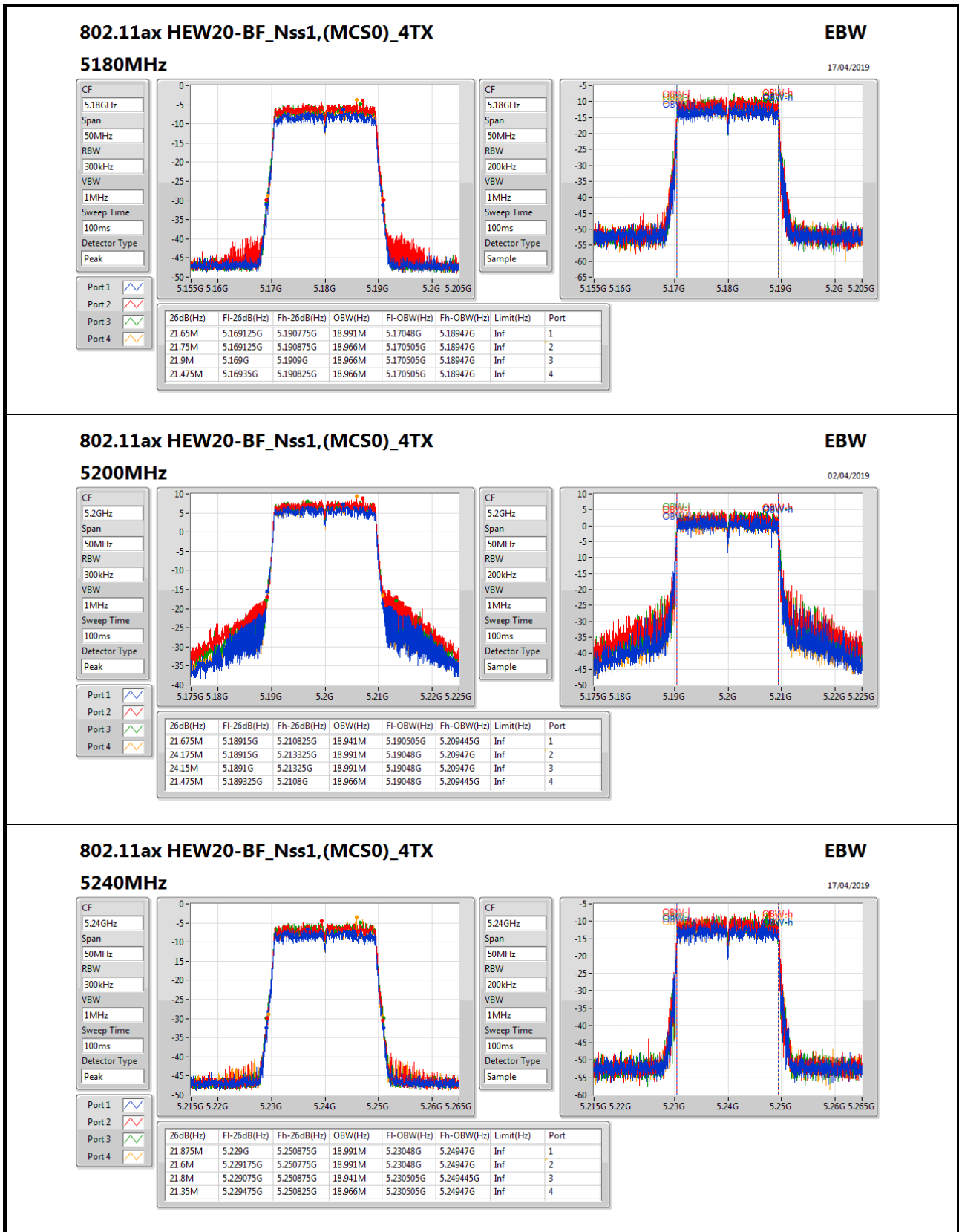
Min-OBW = Minimum 99% occupied bandwidth;

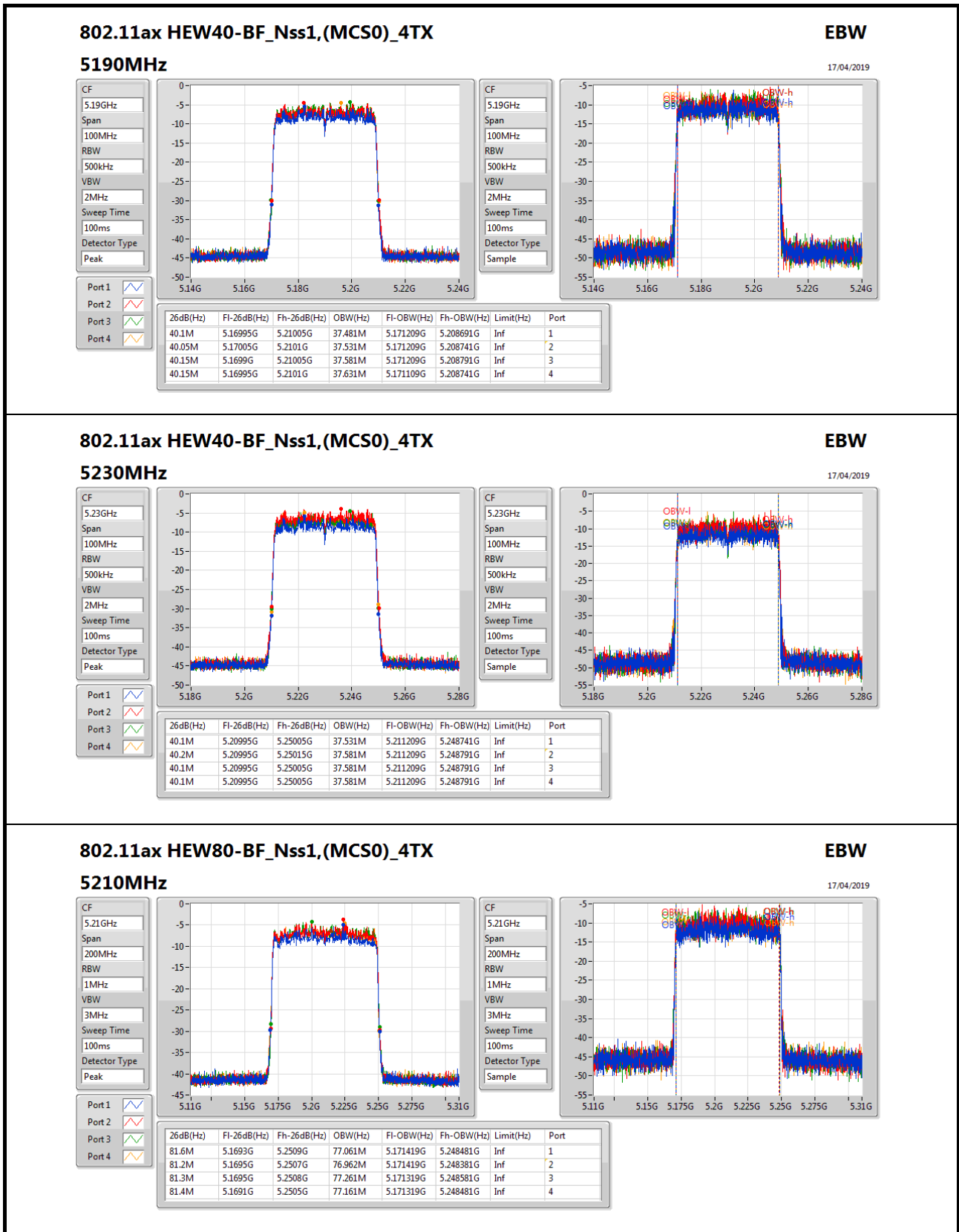


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.65M	18.991M	21.75M	18.966M	21.9M	18.966M	21.475M	18.966M
5200MHz	Pass	Inf	21.675M	18.941M	24.175M	18.991M	24.15M	18.991M	21.475M	18.966M
5240MHz	Pass	Inf	21.875M	18.991M	21.6M	18.991M	21.8M	18.941M	21.35M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	37.481M	40.05M	37.531M	40.15M	37.581M	40.15M	37.631M
5230MHz	Pass	Inf	40.1M	37.531M	40.2M	37.581M	40.1M	37.581M	40.1M	37.581M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.061M	81.2M	76.962M	81.3M	77.261M	81.4M	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;





802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz

EBW
17/04/2019

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.21GHz
Span: 200MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 100ms
Detector Type: Sample



For Outdoor use for 5G Band 1:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.875M	18.966M	19M0D1D	21.325M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.35M	37.581M	37M6D1D	40.05M	37.431M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.9M	77.061M	77M1D1D	81.2M	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;

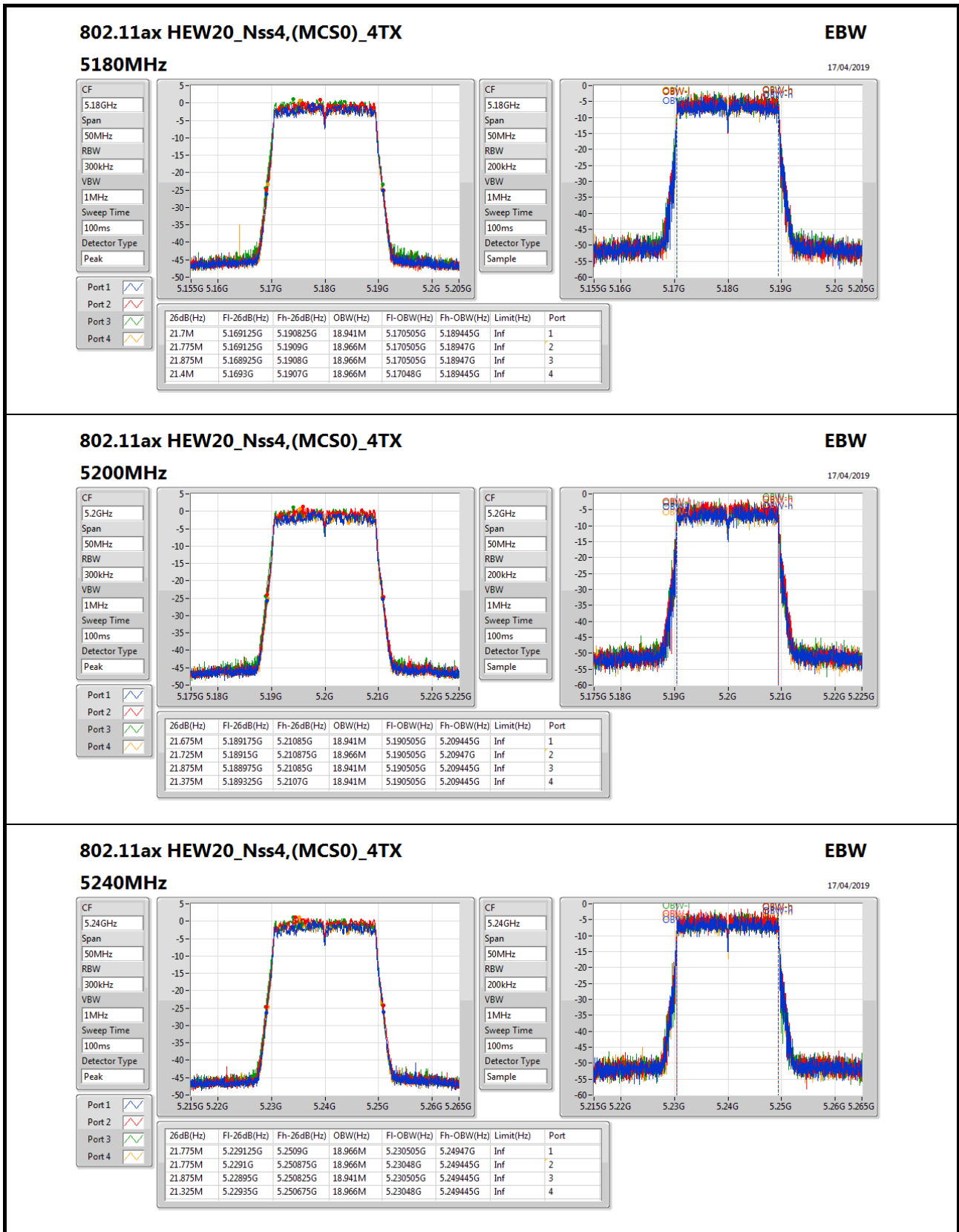


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.7M	18.941M	21.775M	18.966M	21.875M	18.966M	21.4M	18.966M
5200MHz	Pass	Inf	21.675M	18.941M	21.725M	18.966M	21.875M	18.941M	21.375M	18.941M
5240MHz	Pass	Inf	21.775M	18.966M	21.775M	18.966M	21.875M	18.941M	21.325M	18.966M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.35M	37.431M	40.15M	37.531M	40.15M	37.531M	40.2M	37.581M
5230MHz	Pass	Inf	40.3M	37.481M	40.05M	37.481M	40.1M	37.581M	40.25M	37.581M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.2M	76.962M	81.4M	76.962M	81.9M	76.962M	81.8M	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;


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW

17/04/2019

5240MHz

CF: 5.24GHz

Span: 50MHz

RBW: 300kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Peak

CF: 5.24GHz

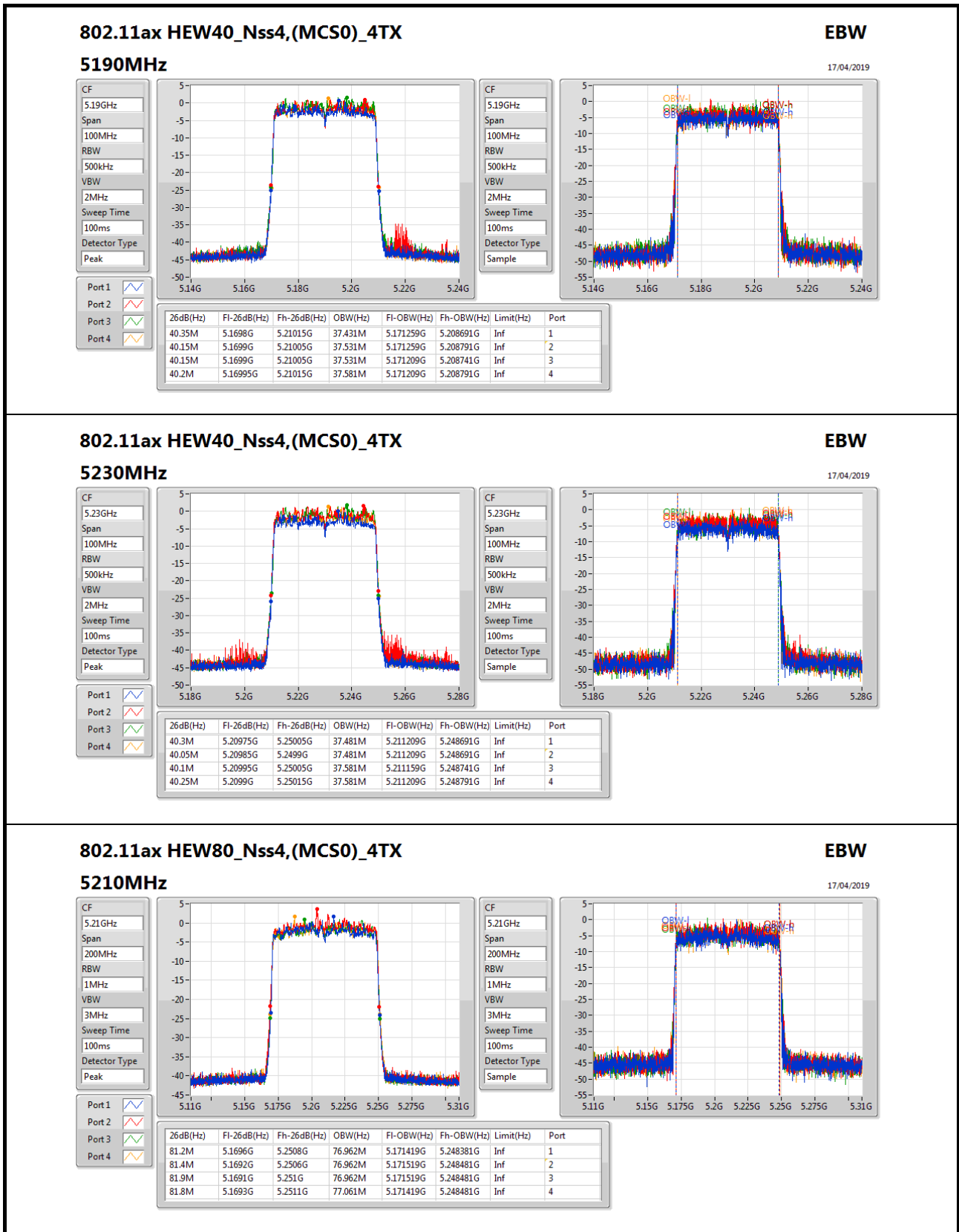
Span: 50MHz

RBW: 200kHz

VBW: 1MHz

Sweep Time: 100ms

Detector Type: Sample





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.05	0.12735
802.11ax HEW20_Nss1,(MCS0)_1TX	22.09	0.16181
802.11ax HEW40_Nss1,(MCS0)_1TX	20.52	0.11272
802.11ax HEW80_Nss1,(MCS0)_1TX	16.38	0.04345
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.95	0.03936
802.11ax HEW20_Nss1,(MCS0)_1TX	18.53	0.07129
802.11ax HEW40_Nss1,(MCS0)_1TX	17.86	0.06109
802.11ax HEW80_Nss1,(MCS0)_1TX	20.09	0.10209



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.27	19.21	19.21	27.73	19.25
5200MHz	Pass	8.27	21.05	21.05	27.73	21.5
5240MHz	Pass	8.27	20.24	20.24	27.73	20.5
5745MHz	Pass	8.27	15.95	15.95	27.73	16.25
5785MHz	Pass	8.27	15.89	15.89	27.73	16
5825MHz	Pass	8.27	15.92	15.92	27.73	16
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.27	18.78	18.78	27.73	19
5200MHz	Pass	8.27	22.09	22.09	27.73	23
5240MHz	Pass	8.27	21.02	21.02	27.73	21.25
5745MHz	Pass	8.27	17.27	17.27	27.73	17.25
5785MHz	Pass	8.27	18.53	18.53	27.73	18.75
5825MHz	Pass	8.27	17.25	17.25	27.73	17.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	8.27	16.44	16.44	27.73	16.75
5230MHz	Pass	8.27	20.52	20.52	27.73	21.25
5755MHz	Pass	8.27	17.86	17.86	27.73	18
5795MHz	Pass	8.27	17.82	17.82	27.73	17.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	8.27	16.38	16.38	27.73	16.5
5775MHz	Pass	8.27	20.09	20.09	27.73	20.5

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.68	0.23335
802.11ax HEW40_Nss2,(MCS0)_2TX	22.24	0.16749
802.11ax HEW80_Nss2,(MCS0)_2TX	17.47	0.05585
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.50	0.14125
802.11ax HEW40_Nss2,(MCS0)_2TX	20.92	0.12359
802.11ax HEW80_Nss2,(MCS0)_2TX	21.36	0.13677



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	8.27	16.78	16.31	19.56	27.73	16.75
5200MHz	Pass	8.27	21.15	20.12	23.68	27.73	21.25
5240MHz	Pass	8.27	20.71	20.52	23.63	27.73	21.25
5745MHz	Pass	8.27	17.02	16.97	20.01	27.73	17.25
5785MHz	Pass	8.27	18.45	18.52	21.50	27.73	18.75
5825MHz	Pass	8.27	17.51	16.91	20.23	27.73	17.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	8.27	15.49	15.19	18.35	27.73	15.75
5230MHz	Pass	8.27	19.30	19.16	22.24	27.73	19.75
5755MHz	Pass	8.27	17.97	17.85	20.92	27.73	18
5795MHz	Pass	8.27	17.36	17.72	20.55	27.73	17.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	8.27	14.68	14.23	17.47	27.73	15
5775MHz	Pass	8.27	18.37	18.32	21.36	27.73	18.5

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.91	0.15524
802.11ax HEW20_Nss1,(MCS0)_4TX	22.45	0.17579
802.11ax HEW40_Nss1,(MCS0)_4TX	23.61	0.22961
802.11ax HEW80_Nss1,(MCS0)_4TX	19.58	0.09078
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.06	0.16069
802.11ax HEW20_Nss1,(MCS0)_4TX	24.53	0.28379
802.11ax HEW40_Nss1,(MCS0)_4TX	24.01	0.25177
802.11ax HEW80_Nss1,(MCS0)_4TX	22.95	0.19724



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27	15.88	15.16	15.95	15.32	21.61	27.73	16
5200MHz	Pass	8.27	16.02	15.55	16.07	15.72	21.87	27.73	16.5
5240MHz	Pass	8.27	16.38	15.67	16.01	15.45	21.91	27.73	16.5
5745MHz	Pass	8.27	15.65	15.80	15.97	16.67	22.06	27.73	16.25
5785MHz	Pass	8.27	15.89	15.34	15.57	15.92	21.71	27.73	16
5825MHz	Pass	8.27	15.86	15.65	15.42	15.36	21.60	27.73	16
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27	16.05	15.47	16.28	15.83	21.94	27.73	16.25
5200MHz	Pass	8.27	16.42	16.02	16.85	16.14	22.39	27.73	16.75
5240MHz	Pass	8.27	16.69	16.20	16.52	16.28	22.45	27.73	17
5745MHz	Pass	8.27	17.16	16.93	17.38	17.47	23.26	27.73	17.25
5785MHz	Pass	8.27	18.15	18.35	18.63	18.87	24.53	27.73	18.75
5825MHz	Pass	8.27	16.93	17.42	17.05	17.02	23.13	27.73	17.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.27	14.31	13.41	14.59	14.15	20.16	27.73	14.5
5230MHz	Pass	8.27	17.56	17.16	17.82	17.79	23.61	27.73	18
5755MHz	Pass	8.27	17.76	17.95	17.74	18.46	24.01	27.73	18
5795MHz	Pass	8.27	17.34	17.27	17.43	17.97	23.53	27.73	17.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.27	13.72	13.18	13.71	13.61	19.58	27.73	14
5775MHz	Pass	8.27	16.84	16.80	16.97	17.09	22.95	27.73	17.25

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

Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.65	0.14622
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.87	0.12218
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.18	0.06577
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.64	0.14588
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.50	0.14125
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.69	0.14757



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.29	11.06	10.41	11.50	10.96	17.02	21.71	11.75
5200MHz	Pass	14.29	15.83	15.28	15.74	15.64	21.65	21.71	16
5240MHz	Pass	14.29	16.04	15.28	15.85	15.10	21.61	21.71	16
5745MHz	Pass	14.29	15.31	15.74	15.30	16.07	21.64	21.71	15.75
5785MHz	Pass	14.29	15.41	15.37	15.63	15.57	21.52	21.71	15.75
5825MHz	Pass	14.29	15.52	15.51	15.38	15.61	21.53	21.71	15.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.29	11.52	11.14	11.86	11.31	17.49	21.71	12
5230MHz	Pass	14.29	14.78	14.69	15.20	14.72	20.87	21.71	15.25
5755MHz	Pass	14.29	15.08	15.71	15.00	16.03	21.50	21.71	15.75
5795MHz	Pass	14.29	15.23	15.61	15.23	15.74	21.48	21.71	15.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.29	12.29	12.16	12.14	12.04	18.18	21.71	12.75
5775MHz	Pass	14.29	15.50	15.49	15.52	16.13	21.69	21.71	15.75

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.28	0.42462
802.11ax HEW40_Nss4,(MCS0)_4TX	23.43	0.22029
802.11ax HEW80_Nss4,(MCS0)_4TX	19.54	0.08995
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	24.51	0.28249
802.11ax HEW40_Nss4,(MCS0)_4TX	23.75	0.23714
802.11ax HEW80_Nss4,(MCS0)_4TX	23.38	0.21777



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27	15.59	15.13	15.61	15.56	21.50	27.73	16
5200MHz	Pass	8.27	19.86	19.32	19.69	19.29	25.57	27.73	20.25
5240MHz	Pass	8.27	20.57	20.03	20.35	20.06	26.28	27.73	21.25
5745MHz	Pass	8.27	16.62	16.85	16.73	17.98	23.10	27.73	17.25
5785MHz	Pass	8.27	18.25	18.57	18.49	18.63	24.51	27.73	18.75
5825MHz	Pass	8.27	16.67	16.54	17.01	17.26	22.90	27.73	17.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.27	13.45	13.03	13.89	13.41	19.48	27.73	14
5230MHz	Pass	8.27	17.32	17.24	17.71	17.37	23.43	27.73	18
5755MHz	Pass	8.27	17.39	17.35	17.84	18.28	23.75	27.73	18
5795MHz	Pass	8.27	17.73	17.38	17.19	18.02	23.61	27.73	17.75
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.27	13.62	13.25	13.76	13.44	19.54	27.73	14.25
5775MHz	Pass	8.27	17.46	17.27	17.13	17.56	23.38	27.73	17.75

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.66	0.03681	23.93/20.96	0.24717
802.11ax HEW20_Nss1,(MCS0)_1TX	15.61	0.03639	23.88/20.91	0.24434
802.11ax HEW40_Nss1,(MCS0)_1TX	15.68	0.03698	23.95/20.98	0.24831
802.11ax HEW80_Nss1,(MCS0)_1TX	15.49	0.03540	23.76/20.79	0.23768



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27/5.30	15.66	15.66	27.73	23.93/20.96	36.00/21.00	15.75
5200MHz	Pass	8.27/5.30	15.59	15.59	27.73	23.86/20.89	36.00/21.00	15.75
5240MHz	Pass	8.27/5.30	15.57	15.57	27.73	23.84/20.87	36.00/21.00	15.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27/5.30	15.55	15.55	27.73	23.82/20.85	36.00/21.00	15.75
5200MHz	Pass	8.27/5.30	15.58	15.58	27.73	23.85/20.88	36.00/21.00	15.75
5240MHz	Pass	8.27/5.30	15.61	15.61	27.73	23.88/20.91	36.00/21.00	15.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.27/5.30	15.51	15.51	27.73	23.78/20.81	36.00/21.00	15.5
5230MHz	Pass	8.27/5.30	15.68	15.68	27.73	23.95/20.98	36.00/21.00	15.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.27/5.30	15.49	15.49	27.73	23.76/20.79	36.00/21.00	15.5

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

Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.65	0.03673	23.92/20.95	0.24660
802.11ax HEW40_Nss2,(MCS0)_2TX	15.63	0.03656	23.90/20.93	0.24547
802.11ax HEW80_Nss2,(MCS0)_2TX	15.67	0.03690	23.94/20.97	0.24774



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27/5.30	12.83	12.16	15.52	27.73	23.79/20.82	36.00/21.00	13
5200MHz	Pass	8.27/5.30	12.81	12.14	15.50	27.73	23.77/20.80	36.00/21.00	13
5240MHz	Pass	8.27/5.30	12.97	12.29	15.65	27.73	23.92/20.95	36.00/21.00	13
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.27/5.30	12.63	12.36	15.51	27.73	23.78/20.81	36.00/21.00	13
5230MHz	Pass	8.27/5.30	12.82	12.40	15.63	27.73	23.90/20.93	36.00/21.00	13
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.27/5.30	12.72	12.59	15.67	27.73	23.94/20.97	36.00/21.00	13

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.67	0.03690	23.94/20.97	0.24774
802.11ax HEW20_Nss1,(MCS0)_4TX	15.66	0.03681	23.93/20.96	0.24717
802.11ax HEW40_Nss1,(MCS0)_4TX	15.63	0.03656	23.90/20.93	0.24547
802.11ax HEW80_Nss1,(MCS0)_4TX	15.65	0.03673	23.92/20.95	0.24660



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27/5.30	9.60	9.18	10.36	9.20	15.63	27.73	23.90/20.93	36.00/21.00	10.25
5200MHz	Pass	8.27/5.30	9.57	9.15	10.43	9.35	15.67	27.73	23.94/20.97	36.00/21.00	10.25
5240MHz	Pass	8.27/5.30	9.91	9.31	10.12	9.13	15.66	27.73	23.93/20.96	36.00/21.00	10.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27/5.30	9.56	8.98	10.47	9.42	15.66	27.73	23.93/20.96	36.00/21.00	10.25
5200MHz	Pass	8.27/5.30	9.97	8.92	10.07	9.30	15.61	27.73	23.88/20.91	36.00/21.00	10
5240MHz	Pass	8.27/5.30	9.64	8.87	10.31	8.95	15.50	27.73	23.77/20.80	36.00/21.00	10
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.27/5.30	9.54	9.06	10.21	9.55	15.63	27.73	23.90/20.93	36.00/21.00	10
5230MHz	Pass	8.27/5.30	9.26	8.95	10.18	9.46	15.51	27.73	23.78/20.81	36.00/21.00	10
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.27/5.30	9.43	9.36	10.26	9.39	15.65	27.73	23.92/20.95	36.00/21.00	10

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.65	0.00923	23.94/20.97	0.24774
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.66	0.00925	23.95/20.98	0.24831
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.49	0.00889	23.78/20.81	0.23878



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.29/11.32	3.42	2.94	4.72	3.21	9.65	21.71	23.94/20.97	36.00/21.00	4
5200MHz	Pass	14.29/11.32	3.61	2.78	4.61	2.83	9.54	21.71	23.83/20.86	36.00/21.00	4
5240MHz	Pass	14.29/11.32	3.41	2.74	4.67	2.97	9.53	21.71	23.82/20.85	36.00/21.00	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.29/11.32	3.28	2.86	4.82	3.32	9.66	21.71	23.95/20.98	36.00/21.00	4
5230MHz	Pass	14.29/11.32	3.51	3.22	4.49	3.16	9.65	21.71	23.94/20.97	36.00/21.00	4
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.29/11.32	3.43	2.71	4.34	3.25	9.49	21.71	23.78/20.81	36.00/21.00	4

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.68	0.03698	23.95/20.98	0.24831
802.11ax HEW40_Nss4,(MCS0)_4TX	15.65	0.03673	23.92/20.95	0.24660
802.11ax HEW80_Nss4,(MCS0)_4TX	15.68	0.03698	23.95/20.98	0.24831



Result

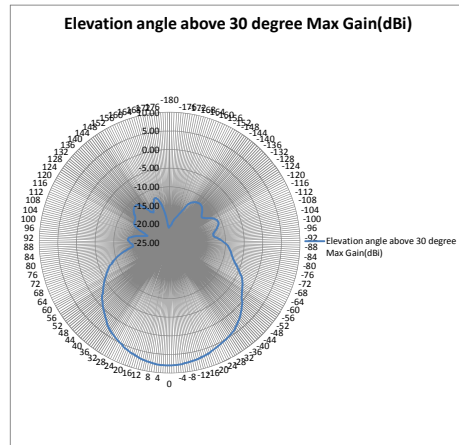
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.27/5.30	9.77	9.21	10.25	9.30	15.67	27.73	23.94/20.97	36.00/21.00	10.25
5200MHz	Pass	8.27/5.30	9.73	9.20	10.37	9.22	15.68	27.73	23.95/20.98	36.00/21.00	10.25
5240MHz	Pass	8.27/5.30	9.92	9.42	10.05	9.05	15.65	27.73	23.92/20.95	36.00/21.00	10.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.27/5.30	9.16	9.21	10.50	9.41	15.63	27.73	23.90/20.93	36.00/21.00	10
5230MHz	Pass	8.27/5.30	9.85	9.17	10.12	9.31	15.65	27.73	23.92/20.95	36.00/21.00	10.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.27/5.30	9.76	9.28	10.14	9.42	15.68	27.73	23.95/20.98	36.00/21.00	10.25

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



Elevation angle above 30 degree Max Gain Radio 1 / Antenna 1 / Beam width 30/70

Elevation angle above 30 degree Max Gain(dBi)		5.30
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-20.62	
-179	-20.56	
-178	-20.49	
-177	-20.43	
-176	-20.33	
-175	-20.23	
-174	-20.14	
-173	-19.90	
-172	-19.42	
-171	-19.16	
-170	-18.89	
-169	-18.63	
-168	-18.43	
-167	-18.22	
-166	-18.02	
-165	-17.80	
-164	-17.59	
-163	-17.37	
-162	-17.03	
-161	-16.68	
-160	-16.34	
-159	-15.90	
-158	-15.46	
-157	-15.03	
-156	-14.62	
-155	-13.81	
-154	-13.51	
-153	-13.20	
-152	-12.89	
-151	-12.69	
-150	-12.49	
-149	-12.29	
-148	-12.17	
-147	-12.05	
-146	-11.93	
-145	-11.88	
-144	-11.82	
-143	-11.77	
-142	-11.78	
-141	-11.80	
-140	-11.90	
-139	-11.99	
-138	-12.08	
-137	-12.27	
-136	-12.45	
-135	-12.64	
-134	-12.89	
-133	-13.14	
-132	-13.39	
-131	-13.59	
-130	-13.79	
-129	-13.99	
-128	-13.98	
-127	-13.95	
-126	-13.70	
-125	-13.44	
-124	-13.19	
-123	-12.85	
-122	-12.51	
-121	-12.17	
-120	-11.90	
-119	-11.62	
-118	-11.34	
-117	-11.19	
-116	-11.03	
-115	-10.87	
-114	-10.85	
-113	-10.82	
-112	-10.80	
-111	-10.90	
-110	-11.10	
-109	-11.31	
-108	-11.51	
-107	-11.72	
-106	-11.98	
-105	-12.24	
-104	-12.50	
-103	-12.70	
-102	-12.90	
-101	-13.10	
-100	-13.09	
-99	-13.08	
-98	-13.07	
-97	-12.82	
-96	-12.32	
-95	-11.96	
-94	-11.59	
-93	-11.23	
-92	-10.88	
-91	-10.54	
-90	-10.19	
-89	-9.92	
-88	-9.65	
-87	-9.38	
-86	-9.20	
-85	-9.01	
-84	-8.82	
-83	-8.69	
-82	-8.42	
-81	-8.29	
-80	-8.17	
-79	-8.04	
-78	-7.85	
-77	-7.67	
-76	-7.46	
-75	-7.20	
-74	-6.93	
-73	-6.65	
-72	-6.31	
-71	-5.96	
-70	-5.62	
-69	-5.27	
-68	-4.92	
-67	-4.58	
-66	-4.27	
-65	-3.65	
-64	-3.39	
-63	-3.13	



Above 30 degree



Elevation angle above 30 degree Max Gain Radio 1 / Antenna 1 / Beam width 30/70

-62	-2.88	
-61	-2.66	
-60	-2.44	
-59	-2.22	
-58	-2.00	
-57	-1.78	
-56	-1.56	
-55	-1.31	
-54	-1.06	
-53	-0.80	
-52	-0.51	
-51	0.08	
-50	0.40	
-49	0.73	
-48	1.05	
-47	1.36	
-46	1.68	
-45	1.99	
-44	2.27	
-43	2.55	
-42	2.83	
-41	3.06	
-40	3.30	
-39	3.53	
-38	3.72	
-37	4.09	
-36	4.24	
-35	4.39	
-34	4.54	
-33	4.67	
-32	4.80	
-31	4.93	
-30	5.06	
-29	5.18	
-28	5.30	
-27	5.43	
-26	5.56	
-25	5.68	
-24	5.81	
-23	5.94	
-22	6.07	
-21	6.19	
-20	6.45	
-19	6.56	
-18	6.68	
-17	6.79	
-16	6.90	
-15	7.00	
-14	7.10	
-13	7.18	
-12	7.27	0° - 30°
-11	7.35	
-10	7.43	
-9	7.50	
-8	7.57	
-7	7.62	
-6	7.73	
-5	7.77	
-4	7.82	
-3	7.86	
-2	7.88	
-1	7.90	
0	7.93	
1	7.93	
2	7.93	
3	7.93	0° reference angle
4	7.90	
5	7.88	
6	7.85	
7	7.79	
8	7.68	
9	7.59	
10	7.50	
11	7.41	
12	7.29	
13	7.18	
14	7.06	
15	6.92	
16	6.79	
17	6.65	
18	6.50	0° - 30°
19	6.35	
20	6.20	
21	6.04	
22	5.88	
23	5.72	
24	5.56	
25	5.22	
26	5.05	
27	4.87	
28	4.69	
29	4.50	
30	4.30	
31	4.11	
32	3.89	
33	3.67	
34	3.45	
35	3.20	
36	2.95	
37	2.71	
38	2.43	
39	1.89	
40	1.60	
41	1.31	
42	1.02	
43	0.72	
44	0.43	
45	0.13	
46	-0.17	
47	-0.47	
48	-0.76	
49	-1.06	
50	-1.36	
51	-1.66	
52	-1.97	
53	-2.58	
54	-2.90	
55	-3.22	
56	-3.54	
57	-3.88	
58	-4.21	
59	-4.54	
60	-4.88	
61	-5.21	
62	-5.54	
63	-5.87	
64	-6.19	
65	-6.52	



Elevation angle above 30 degree Max Gain Radio 1 / Antenna 1 / Beam width 30/70

66	-6.83	
67	-7.15	
68	-7.47	
69	-7.79	
70	-8.45	
71	-8.83	
72	-9.21	
73	-9.58	
74	-10.04	
75	-10.50	
76	-10.96	
77	-11.50	
78	-12.04	
79	-12.58	
80	-13.12	
81	-13.66	
82	-14.19	
83	-14.52	
84	-15.17	
85	-15.14	
86	-15.11	
87	-15.08	
88	-14.85	
89	-14.62	
90	-14.40	
91	-14.21	
92	-14.03	
93	-13.84	
94	-13.83	
95	-13.82	
96	-13.80	
97	-14.02	
98	-14.45	
99	-14.92	
100	-15.39	
101	-15.85	
102	-16.47	
103	-17.10	
104	-17.72	
105	-18.07	
106	-18.41	
107	-18.76	
108	-18.42	
109	-18.07	
110	-17.73	
111	-17.15	
112	-16.57	
113	-16.00	
114	-15.58	
115	-14.75	
116	-14.55	
117	-14.36	
118	-14.16	
119	-14.11	
120	-14.05	
121	-14.00	
122	-13.96	
123	-13.92	
124	-13.88	
125	-13.74	
126	-13.60	
127	-13.46	
128	-13.22	
129	-12.75	
130	-12.51	
131	-12.27	
132	-12.03	
133	-11.87	
134	-11.72	
135	-11.57	
136	-11.55	
137	-11.53	
138	-11.51	
139	-11.64	
140	-11.77	
141	-11.91	
142	-12.20	
143	-12.78	
144	-13.21	
145	-13.64	
146	-14.07	
147	-14.51	
148	-14.95	
149	-15.40	
150	-15.54	
151	-15.68	
152	-15.82	
153	-15.49	
154	-15.17	
155	-14.85	
156	-14.39	
157	-13.92	
158	-13.46	
159	-13.16	
160	-12.55	
161	-12.52	
162	-12.49	
163	-12.47	
164	-12.75	
165	-13.04	
166	-13.33	
167	-13.95	
168	-14.57	
169	-15.20	
170	-16.10	
171	-17.01	
172	-17.91	
173	-18.74	
174	-20.40	
175	-20.60	
176	-20.80	
177	-21.00	
178	-20.87	
179	-20.75	

Above 30 degree



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.53	0.11298
802.11ax HEW20_Nss1,(MCS0)_1TX	21.22	0.13243
802.11ax HEW40_Nss1,(MCS0)_1TX	20.91	0.12331
802.11ax HEW80_Nss1,(MCS0)_1TX	16.79	0.04775
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.68	0.03698
802.11ax HEW20_Nss1,(MCS0)_1TX	16.63	0.04603
802.11ax HEW40_Nss1,(MCS0)_1TX	17.82	0.06053
802.11ax HEW80_Nss1,(MCS0)_1TX	19.84	0.09638



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.16	19.87	19.87	29.84	20.25
5200MHz	Pass	6.16	20.53	20.53	29.84	21
5240MHz	Pass	6.16	19.58	19.58	29.84	19.75
5745MHz	Pass	6.16	14.82	14.82	29.84	15.25
5785MHz	Pass	6.16	14.75	14.75	29.84	15
5825MHz	Pass	6.16	15.68	15.68	29.84	15.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.16	19.77	19.77	29.84	19.75
5200MHz	Pass	6.16	21.22	21.22	29.84	22
5240MHz	Pass	6.16	20.41	20.41	29.84	20.5
5745MHz	Pass	6.16	15.65	15.65	29.84	15.5
5785MHz	Pass	6.16	16.63	16.63	29.84	16.5
5825MHz	Pass	6.16	15.30	15.30	29.84	15.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	6.16	17.05	17.05	29.84	17.25
5230MHz	Pass	6.16	20.91	20.91	29.84	21.75
5755MHz	Pass	6.16	17.09	17.09	29.84	17.25
5795MHz	Pass	6.16	17.82	17.82	29.84	17.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	6.16	16.79	16.79	29.84	17
5775MHz	Pass	6.16	19.84	19.84	29.84	20.25

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.17	0.26122
802.11ax HEW40_Nss2,(MCS0)_2TX	23.23	0.21038
802.11ax HEW80_Nss2,(MCS0)_2TX	18.18	0.06577
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	19.26	0.08433
802.11ax HEW40_Nss2,(MCS0)_2TX	20.55	0.11350
802.11ax HEW80_Nss2,(MCS0)_2TX	22.48	0.17701



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	6.16	18.01	17.53	20.79	29.84	18
5200MHz	Pass	6.16	21.52	20.77	24.17	29.84	22
5240MHz	Pass	6.16	20.06	19.85	22.97	29.84	20.5
5745MHz	Pass	6.16	15.13	15.01	18.08	29.84	15.5
5785MHz	Pass	6.16	16.28	16.21	19.26	29.84	16.5
5825MHz	Pass	6.16	15.37	15.11	18.25	29.84	15.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	6.16	16.54	16.17	19.37	29.84	16.75
5230MHz	Pass	6.16	20.33	20.11	23.23	29.84	21
5755MHz	Pass	6.16	17.03	17.12	20.09	29.84	17.25
5795MHz	Pass	6.16	17.36	17.72	20.55	29.84	17.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	6.16	15.32	15.02	18.18	29.84	15.75
5775MHz	Pass	6.16	19.59	19.34	22.48	29.84	20

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.86	0.24322
802.11ax HEW20_Nss1,(MCS0)_4TX	24.50	0.28184
802.11ax HEW40_Nss1,(MCS0)_4TX	24.77	0.29992
802.11ax HEW80_Nss1,(MCS0)_4TX	20.93	0.12388
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.29	0.13459
802.11ax HEW20_Nss1,(MCS0)_4TX	22.41	0.17418
802.11ax HEW40_Nss1,(MCS0)_4TX	23.53	0.22542
802.11ax HEW80_Nss1,(MCS0)_4TX	23.66	0.23227



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16	17.84	17.16	18.45	17.48	23.78	29.84	18.5
5200MHz	Pass	6.16	17.96	17.14	18.06	17.68	23.75	29.84	18.5
5240MHz	Pass	6.16	18.02	17.69	18.07	17.55	23.86	29.84	18.5
5745MHz	Pass	6.16	14.55	14.81	14.87	15.02	20.84	29.84	15.25
5785MHz	Pass	6.16	14.69	14.34	14.63	15.02	20.70	29.84	15
5825MHz	Pass	6.16	15.52	15.36	15.05	15.15	21.29	29.84	15.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16	17.01	16.52	16.97	16.89	22.87	29.84	17
5200MHz	Pass	6.16	18.26	18.05	18.67	18.37	24.36	29.84	19
5240MHz	Pass	6.16	18.85	18.03	18.79	18.20	24.50	29.84	19
5745MHz	Pass	6.16	15.27	15.03	15.57	15.76	21.44	29.84	15.5
5785MHz	Pass	6.16	16.23	16.31	16.35	16.67	22.41	29.84	16.5
5825MHz	Pass	6.16	15.11	14.66	14.84	15.03	20.93	29.84	15.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.16	15.36	14.72	16.07	15.02	21.34	29.84	15.75
5230MHz	Pass	6.16	18.60	18.20	19.12	19.02	24.77	29.84	19.25
5755MHz	Pass	6.16	16.97	16.94	17.19	17.72	23.24	29.84	17.25
5795MHz	Pass	6.16	17.34	17.27	17.43	17.97	23.53	29.84	17.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.16	15.02	14.72	14.89	15.02	20.93	29.84	15.5
5775MHz	Pass	6.16	17.43	17.50	17.68	17.92	23.66	29.84	18

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

Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.72	0.23550
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.64	0.14588
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.50	0.07079
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.41	0.17418
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.53	0.22542
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.18	0.20797



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.18	11.89	11.18	12.43	11.65	17.83	23.82	12.25
5200MHz	Pass	12.18	15.94	15.52	16.22	15.46	21.82	23.82	16.25
5240MHz	Pass	12.18	18.02	17.43	17.92	17.38	23.72	23.82	18.25
5745MHz	Pass	12.18	15.27	15.03	15.57	15.76	21.44	23.82	15.5
5785MHz	Pass	12.18	16.23	16.31	16.35	16.67	22.41	23.82	16.5
5825MHz	Pass	12.18	15.11	14.66	14.84	15.03	20.93	23.82	15.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.18	11.72	11.35	12.40	11.76	17.84	23.82	12.25
5230MHz	Pass	12.18	15.83	15.55	15.58	15.52	21.64	23.82	16
5755MHz	Pass	12.18	16.97	16.94	17.19	17.72	23.24	23.82	17.25
5795MHz	Pass	12.18	17.34	17.27	17.43	17.97	23.53	23.82	17.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.18	12.56	12.21	12.62	12.53	18.50	23.82	13
5775MHz	Pass	12.18	17.07	17.01	17.18	17.35	23.18	23.82	17.5

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

Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.47	0.44361
802.11ax HEW40_Nss4,(MCS0)_4TX	25.28	0.33729
802.11ax HEW80_Nss4,(MCS0)_4TX	20.74	0.11858
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.07	0.16106
802.11ax HEW40_Nss4,(MCS0)_4TX	23.61	0.22961
802.11ax HEW80_Nss4,(MCS0)_4TX	24.33	0.27102



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16	16.67	16.26	16.86	16.45	22.59	29.84	17
5200MHz	Pass	6.16	20.77	20.21	20.48	20.31	26.47	29.84	21.25
5240MHz	Pass	6.16	19.91	19.24	19.96	19.34	25.65	29.84	20.5
5745MHz	Pass	6.16	15.02	15.09	15.21	15.80	21.31	29.84	15.5
5785MHz	Pass	6.16	15.57	15.89	16.18	16.51	22.07	29.84	16.5
5825MHz	Pass	6.16	14.76	14.56	15.34	14.92	20.93	29.84	15.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.16	14.64	14.06	14.98	14.46	20.57	29.84	15.25
5230MHz	Pass	6.16	19.26	18.85	19.36	19.53	25.28	29.84	20
5755MHz	Pass	6.16	16.62	16.81	16.78	17.56	22.98	29.84	17.25
5795MHz	Pass	6.16	17.73	17.38	17.19	18.02	23.61	29.84	17.75
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.16	14.86	14.30	14.98	14.72	20.74	29.84	15.5
5775MHz	Pass	6.16	18.14	18.21	18.35	18.54	24.33	29.84	18.75

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

Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.30	0.06761	24.46/20.98	0.27925
802.11ax HEW20_Nss1,(MCS0)_1TX	18.28	0.06730	24.44/20.96	0.27797
802.11ax HEW40_Nss1,(MCS0)_1TX	18.21	0.06622	24.37/20.89	0.27353
802.11ax HEW80_Nss1,(MCS0)_1TX	16.79	0.04775	22.95/19.47	0.19724



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16/2.68	18.30	18.30	29.84	24.46/20.98	36.00/21.00	18.25
5200MHz	Pass	6.16/2.68	18.23	18.23	29.84	24.39/20.91	36.00/21.00	18.25
5240MHz	Pass	6.16/2.68	18.14	18.14	29.84	24.30/20.82	36.00/21.00	18.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16/2.68	18.12	18.12	29.84	24.28/20.80	36.00/21.00	18.25
5200MHz	Pass	6.16/2.68	18.28	18.28	29.84	24.44/20.96	36.00/21.00	18.25
5240MHz	Pass	6.16/2.68	18.13	18.13	29.84	24.29/20.81	36.00/21.00	18
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.16/2.68	17.05	17.05	29.84	23.21/19.73	36.00/21.00	17.25
5230MHz	Pass	6.16/2.68	18.21	18.21	29.84	24.37/20.89	36.00/21.00	18
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.16/2.68	16.79	16.79	29.84	22.95/19.47	36.00/21.00	17

DG = Directional Gain; **Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.27	0.06714	24.43/20.95	0.27733
802.11ax HEW40_Nss2,(MCS0)_2TX	18.24	0.06668	24.40/20.92	0.27542
802.11ax HEW80_Nss2,(MCS0)_2TX	18.18	0.06577	24.34/20.86	0.27164



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16/2.68	15.51	14.82	18.19	29.84	24.35/20.87	36.00/21.00	15.5
5200MHz	Pass	6.16/2.68	15.45	15.06	18.27	29.84	24.43/20.95	36.00/21.00	15.5
5240MHz	Pass	6.16/2.68	15.48	14.75	18.14	29.84	24.30/20.82	36.00/21.00	15.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.16/2.68	15.26	14.98	18.13	29.84	24.29/20.81	36.00/21.00	15.5
5230MHz	Pass	6.16/2.68	15.38	15.07	18.24	29.84	24.40/20.92	36.00/21.00	15.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.16/2.68	15.32	15.02	18.18	29.84	24.34/20.86	36.00/21.00	15.75

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.26	0.06699	24.42/20.94	0.27669
802.11ax HEW20_Nss1,(MCS0)_4TX	18.29	0.06745	24.45/20.97	0.27861
802.11ax HEW40_Nss1,(MCS0)_4TX	18.26	0.06699	24.42/20.94	0.27669
802.11ax HEW80_Nss1,(MCS0)_4TX	18.11	0.06471	24.27/20.79	0.26730



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16/2.68	12.40	11.85	12.86	11.74	18.26	29.84	24.42/20.94	36.00/21.00	12.75
5200MHz	Pass	6.16/2.68	12.02	11.71	12.78	11.86	18.13	29.84	24.29/20.81	36.00/21.00	12.75
5240MHz	Pass	6.16/2.68	12.65	11.84	12.72	11.61	18.25	29.84	24.41/20.93	36.00/21.00	13
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16/2.68	12.63	11.50	12.72	12.11	18.29	29.84	24.45/20.97	36.00/21.00	12.75
5200MHz	Pass	6.16/2.68	12.44	11.79	12.49	11.73	18.15	29.84	24.31/20.83	36.00/21.00	12.5
5240MHz	Pass	6.16/2.68	12.56	11.71	12.74	11.77	18.24	29.84	24.40/20.92	36.00/21.00	12.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.16/2.68	12.03	11.98	12.79	12.10	18.26	29.84	24.42/20.94	36.00/21.00	12.5
5230MHz	Pass	6.16/2.68	12.28	11.93	12.34	12.08	18.18	29.84	24.34/20.86	36.00/21.00	12.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.16/2.68	12.30	11.67	12.16	12.21	18.11	29.84	24.27/20.79	36.00/21.00	12.5

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.25	0.01679	24.43/20.95	0.27733
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.20	0.01660	24.38/20.90	0.27416
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	12.26	0.01683	24.44/20.96	0.27797



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.18/8.7	6.27	5.39	7.04	6.06	12.25	23.82	24.43/20.95	36.00/21.00	6.5
5200MHz	Pass	12.18/8.7	6.03	5.54	7.06	5.84	12.18	23.82	24.36/20.88	36.00/21.00	6.5
5240MHz	Pass	12.18/8.7	6.47	5.60	6.47	5.92	12.15	23.82	24.33/20.85	36.00/21.00	6.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.18/8.7	5.90	5.82	6.84	6.10	12.20	23.82	24.38/20.90	36.00/21.00	6.5
5230MHz	Pass	12.18/8.7	6.09	5.61	6.92	5.87	12.17	23.82	24.35/20.87	36.00/21.00	6.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.18/8.7	6.35	5.58	6.76	6.19	12.26	23.82	24.44/20.96	36.00/21.00	6.5

DG = Directional Gain; **Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	18.24	0.06668	24.40/20.92	0.27542
802.11ax HEW40_Nss4,(MCS0)_4TX	18.30	0.06761	24.46/20.98	0.27925
802.11ax HEW80_Nss4,(MCS0)_4TX	18.18	0.06577	24.34/20.86	0.27164



Result

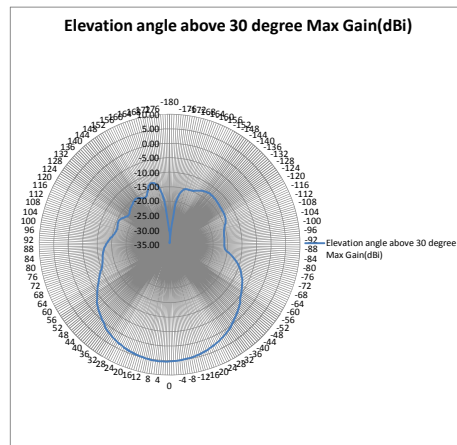
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.16/2.68	12.22	11.65	12.76	11.73	18.13	29.84	24.29/20.81	36.00/21.00	12.75
5200MHz	Pass	6.16/2.68	12.36	11.63	12.91	11.88	18.24	29.84	24.40/20.92	36.00/21.00	12.75
5240MHz	Pass	6.16/2.68	12.58	11.76	12.74	11.65	18.23	29.84	24.39/20.91	36.00/21.00	12.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.16/2.68	12.18	11.97	12.95	11.82	18.27	29.84	24.43/20.95	36.00/21.00	12.75
5230MHz	Pass	6.16/2.68	12.17	11.89	12.90	12.08	18.30	29.84	24.46/20.98	36.00/21.00	12.75
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.16/2.68	12.51	11.84	12.45	11.79	18.18	29.84	24.34/20.86	36.00/21.00	12.75

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



Elevation angle above 30 degree Max Gain Radio 1 / Antenna 2 / Beam width 70/70

Elevation angle above 30 degree Max Gain(dBi)		2.68
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-30.34	
-179	-31.72	
-178	-33.09	
-177	-34.46	
-176	-32.29	
-175	-30.13	
-174	-27.96	
-173	-25.54	
-172	-20.71	
-171	-19.50	
-170	-18.30	
-169	-17.10	
-168	-16.54	
-167	-15.98	
-166	-15.43	
-165	-15.26	
-164	-15.08	
-163	-14.91	
-162	-14.90	
-161	-14.90	
-160	-14.89	
-159	-14.86	
-158	-14.83	
-157	-14.80	
-156	-14.67	
-155	-14.41	
-154	-14.22	
-153	-14.04	
-152	-13.85	
-151	-13.67	
-150	-13.49	
-149	-13.32	
-148	-13.16	
-147	-13.05	
-146	-12.92	
-145	-12.84	
-144	-12.76	
-143	-12.69	
-142	-12.66	
-141	-12.61	
-140	-12.62	
-139	-12.63	
-138	-12.65	
-137	-12.68	
-136	-12.72	
-135	-12.76	
-134	-12.81	
-133	-12.86	
-132	-12.91	
-131	-12.96	
-130	-13.01	
-129	-13.06	
-128	-13.10	
-127	-13.18	
-126	-13.21	
-125	-13.24	
-124	-13.27	
-123	-13.30	
-122	-13.32	
-121	-13.35	
-120	-13.39	
-119	-13.42	
-118	-13.46	
-117	-13.54	
-116	-13.62	
-115	-13.70	
-114	-13.84	
-113	-13.98	
-112	-14.12	
-111	-14.31	
-110	-14.69	
-109	-14.88	
-108	-15.08	
-107	-15.28	
-106	-15.42	
-105	-15.57	
-104	-15.72	
-103	-15.78	
-102	-15.85	
-101	-15.92	
-100	-15.94	
-99	-15.96	
-98	-15.97	
-97	-15.98	
-96	-16.01	
-95	-16.04	
-94	-16.07	
-93	-16.10	
-92	-16.13	
-91	-16.15	
-90	-16.18	
-89	-16.13	
-88	-16.08	
-87	-16.03	
-86	-15.81	
-85	-15.60	
-84	-15.38	
-83	-14.99	
-82	-14.22	
-81	-13.73	
-80	-13.25	
-79	-12.77	
-78	-12.29	
-77	-11.81	
-76	-11.33	
-75	-10.91	
-74	-10.48	
-73	-10.05	
-72	-9.69	
-71	-9.33	
-70	-8.97	
-69	-8.68	
-68	-8.38	
-67	-8.09	
-66	-7.84	
-65	-7.34	
-64	-7.11	
-63	-6.88	



Above 30 degree



Elevation angle above 30 degree Max Gain Radio 1 / Antenna 2 / Beam width 70/70

-62	-6.65	
-61	-6.41	
-60	-6.18	
-59	-5.95	
-58	-5.70	
-57	-5.45	
-56	-5.20	
-55	-4.94	
-54	-4.67	
-53	-4.41	
-52	-4.14	
-51	-3.60	
-50	-3.33	
-49	-3.05	
-48	-2.78	
-47	-2.51	
-46	-2.24	
-45	-1.97	
-44	-1.71	
-43	-1.45	
-42	-1.19	
-41	-0.93	
-40	-0.68	
-39	-0.43	
-38	-0.19	
-37	0.29	
-36	0.51	
-35	0.73	
-34	0.96	
-33	1.16	
-32	1.37	
-31	1.58	
-30	1.77	
-29	1.96	
-28	2.15	
-27	2.33	
-26	2.51	
-25	2.68	
-24	2.85	
-23	3.01	
-22	3.18	
-21	3.33	
-20	3.62	
-19	3.76	
-18	3.89	
-17	4.02	
-16	4.13	
-15	4.24	
-14	4.35	
-13	4.44	
-12	4.53	
-11	4.62	
-10	4.70	0° - 30°
-9	4.77	
-8	4.84	
-7	4.90	
-6	5.02	
-5	5.07	
-4	5.12	
-3	5.17	
-2	5.21	
-1	5.25	
0	5.29	
1	5.31	
2	5.34	
3	5.36	
4	5.36	
5	5.37	
6	5.37	0° reference angle
7	5.35	
8	5.30	
9	5.25	
10	5.20	
11	5.15	
12	5.08	
13	5.00	
14	4.93	
15	4.84	
16	4.74	
17	4.65	
18	4.54	
19	4.44	
20	4.33	
21	4.21	
22	4.10	0° - 30°
23	3.98	
24	3.85	
25	3.59	
26	3.45	
27	3.30	
28	3.15	
29	2.98	
30	2.81	
31	2.63	
32	2.43	
33	2.23	
34	2.03	
35	1.80	
36	1.57	
37	1.35	
38	1.10	
39	0.60	
40	0.34	
41	0.08	
42	-0.19	
43	-0.46	
44	-0.73	
45	-1.00	
46	-1.28	
47	-1.57	
48	-1.85	
49	-2.16	
50	-2.46	
51	-2.77	
52	-3.10	
53	-3.77	
54	-4.14	
55	-4.50	
56	-4.87	
57	-5.25	
58	-5.63	
59	-6.02	
60	-6.40	
61	-6.78	
62	-7.16	
63	-7.51	
64	-7.87	
65	-8.22	



Elevation angle above 30 degree Max Gain Radio 1 / Antenna 2 / Beam width 70/70

66	-8.54	Above 30 degree
67	-8.86	
68	-9.18	
69	-9.46	
70	-10.01	
71	-10.24	
72	-10.46	
73	-10.69	
74	-10.85	
75	-11.01	
76	-11.18	
77	-11.28	
78	-11.39	
79	-11.49	
80	-11.57	
81	-11.65	
82	-11.73	
83	-11.82	
84	-12.00	
85	-12.15	
86	-12.29	
87	-12.43	
88	-12.63	
89	-12.83	
90	-13.03	
91	-13.26	
92	-13.49	
93	-13.73	
94	-13.96	
95	-14.19	
96	-14.42	
97	-14.63	
98	-15.05	
99	-15.22	
100	-15.40	
101	-15.58	
102	-15.71	
103	-15.84	
104	-15.97	
105	-16.01	
106	-16.06	
107	-16.10	
108	-16.04	
109	-15.97	
110	-15.91	
111	-15.81	
112	-15.72	
113	-15.62	
114	-15.61	
115	-15.58	
116	-15.71	
117	-15.85	
118	-15.98	
119	-16.24	
120	-16.49	
121	-16.75	
122	-16.99	
123	-17.22	
124	-17.46	
125	-17.51	
126	-17.56	
127	-17.60	
128	-17.48	
129	-17.22	
130	-17.06	
131	-16.90	
132	-16.74	
133	-16.61	
134	-16.48	
135	-16.36	
136	-16.23	
137	-16.11	
138	-15.98	
139	-15.85	
140	-15.71	
141	-15.57	
142	-15.49	
143	-15.33	
144	-15.41	
145	-15.48	
146	-15.56	
147	-15.79	
148	-16.03	
149	-16.27	
150	-16.47	
151	-16.67	
152	-16.87	
153	-16.69	
154	-16.51	
155	-16.33	
156	-15.84	
157	-15.35	
158	-14.85	
159	-14.39	
160	-13.48	
161	-13.26	
162	-13.03	
163	-12.81	
164	-12.91	
165	-13.00	
166	-13.10	
167	-13.59	
168	-14.09	
169	-14.58	
170	-15.61	
171	-16.63	
172	-17.66	
173	-19.44	
174	-22.99	
175	-25.12	
176	-27.25	
177	-29.37	
178	-29.70	
179	-30.02	



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.06	0.10139
802.11ax HEW20_Nss1,(MCS0)_1TX	19.50	0.08913
802.11ax HEW40_Nss1,(MCS0)_1TX	18.33	0.06808
802.11ax HEW80_Nss1,(MCS0)_1TX	16.12	0.04093
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.12	0.16293
802.11ax HEW20_Nss1,(MCS0)_1TX	21.75	0.14962
802.11ax HEW40_Nss1,(MCS0)_1TX	23.01	0.19999
802.11ax HEW80_Nss1,(MCS0)_1TX	21.09	0.12853



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	7.93	18.62	18.62	28.07	19.5
5200MHz	Pass	7.93	20.06	20.06	28.07	21.25
5240MHz	Pass	7.93	18.74	18.74	28.07	19.25
5745MHz	Pass	7.93	21.82	21.82	28.07	23.25
5785MHz	Pass	7.93	21.91	21.91	28.07	23.75
5825MHz	Pass	7.93	22.12	22.12	28.07	23.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	7.93	18.29	18.29	28.07	19
5200MHz	Pass	7.93	19.50	19.50	28.07	20
5240MHz	Pass	7.93	18.12	18.12	28.07	18.75
5745MHz	Pass	7.93	21.18	21.18	28.07	22
5785MHz	Pass	7.93	21.43	21.43	28.07	22.75
5825MHz	Pass	7.93	21.75	21.75	28.07	22.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	7.93	16.07	16.07	28.07	16.75
5230MHz	Pass	7.93	18.33	18.33	28.07	19
5755MHz	Pass	7.93	22.67	22.67	28.07	24.25
5795MHz	Pass	7.93	23.01	23.01	28.07	25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	7.93	16.12	16.12	28.07	16.75
5775MHz	Pass	7.93	21.09	21.09	28.07	22

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.30	0.16982
802.11ax HEW40_Nss2,(MCS0)_2TX	21.58	0.14388
802.11ax HEW80_Nss2,(MCS0)_2TX	18.01	0.06324
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.50	0.28184
802.11ax HEW40_Nss2,(MCS0)_2TX	24.87	0.30690
802.11ax HEW80_Nss2,(MCS0)_2TX	21.57	0.14355



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.93	16.14	17.49	19.88	28.07
5200MHz	Pass	7.93	19.12	19.46	22.30	28.07
5240MHz	Pass	7.93	18.45	18.75	21.61	28.07
5745MHz	Pass	7.93	21.18	20.81	24.01	28.07
5785MHz	Pass	7.93	21.52	21.41	24.48	28.07
5825MHz	Pass	7.93	21.85	21.09	24.50	28.07
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.93	15.76	16.35	19.08	28.07
5230MHz	Pass	7.93	18.38	18.75	21.58	28.07
5755MHz	Pass	7.93	21.31	20.93	24.13	28.07
5795MHz	Pass	7.93	22.03	21.68	24.87	28.07
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.93	14.75	15.23	18.01	28.07
5775MHz	Pass	7.93	18.84	18.27	21.57	28.07

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.36	0.17219
802.11ax HEW20_Nss1,(MCS0)_4TX	22.78	0.18967
802.11ax HEW40_Nss1,(MCS0)_4TX	24.65	0.29174
802.11ax HEW80_Nss1,(MCS0)_4TX	20.16	0.10375
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.76	0.59704
802.11ax HEW20_Nss1,(MCS0)_4TX	27.36	0.54450
802.11ax HEW40_Nss1,(MCS0)_4TX	27.29	0.53580
802.11ax HEW80_Nss1,(MCS0)_4TX	23.08	0.20324



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93	15.62	16.46	16.86	16.34	22.36	28.07	17
5200MHz	Pass	7.93	15.73	16.43	16.64	16.37	22.33	28.07	17
5240MHz	Pass	7.93	15.45	16.89	16.26	16.21	22.25	28.07	16.75
5745MHz	Pass	7.93	21.72	21.27	21.76	21.59	27.61	28.07	23.25
5785MHz	Pass	7.93	21.62	21.52	21.74	21.95	27.73	28.07	23.75
5825MHz	Pass	7.93	21.83	21.50	21.76	21.87	27.76	28.07	23.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93	15.37	16.24	16.43	15.66	21.97	28.07	16.5
5200MHz	Pass	7.93	16.25	17.21	16.91	16.62	22.78	28.07	17.25
5240MHz	Pass	7.93	16.23	16.86	16.55	16.52	22.57	28.07	17
5745MHz	Pass	7.93	20.85	20.73	20.99	21.05	26.93	28.07	22
5785MHz	Pass	7.93	21.03	21.09	21.20	21.52	27.23	28.07	22.75
5825MHz	Pass	7.93	21.55	20.83	21.45	21.48	27.36	28.07	22.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.93	13.58	14.09	14.14	13.90	19.95	28.07	14.25
5230MHz	Pass	7.93	17.97	18.91	18.82	18.76	24.65	28.07	18.75
5755MHz	Pass	7.93	20.52	20.21	20.29	20.47	26.39	28.07	21.25
5795MHz	Pass	7.93	21.31	21.16	21.38	21.23	27.29	28.07	22.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.93	13.69	14.18	14.25	14.39	20.16	28.07	14.5
5775MHz	Pass	7.93	16.78	16.98	16.76	17.65	23.08	28.07	17.5

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.90	0.15488
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.04	0.15996
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.85	0.07674
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.03	0.15959
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.03	0.15959
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.98	0.15776



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	13.95	11.76	12.68	12.55	11.95	18.27	22.05	13
5200MHz	Pass	13.95	15.07	16.22	16.03	15.56	21.76	22.05	16.25
5240MHz	Pass	13.95	15.54	16.31	15.77	15.86	21.90	22.05	16.25
5745MHz	Pass	13.95	15.91	16.01	16.24	15.57	21.96	22.05	16.25
5785MHz	Pass	13.95	15.95	16.08	16.15	15.87	22.03	22.05	16.25
5825MHz	Pass	13.95	15.67	15.73	16.49	15.91	21.98	22.05	16.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	13.95	12.15	12.69	13.04	12.41	18.61	22.05	13
5230MHz	Pass	13.95	15.33	16.05	16.42	16.19	22.04	22.05	16.25
5755MHz	Pass	13.95	15.85	15.93	16.27	15.79	21.98	22.05	16
5795MHz	Pass	13.95	15.81	16.02	16.17	16.03	22.03	22.05	16.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	13.95	12.29	13.23	12.81	12.94	18.85	22.05	13.25
5775MHz	Pass	13.95	15.81	15.96	15.93	16.14	21.98	22.05	16.25

DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.43	0.34914
802.11ax HEW40_Nss4,(MCS0)_4TX	23.90	0.24547
802.11ax HEW80_Nss4,(MCS0)_4TX	19.67	0.09268
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	27.32	0.53951
802.11ax HEW40_Nss4,(MCS0)_4TX	27.35	0.54325
802.11ax HEW80_Nss4,(MCS0)_4TX	23.19	0.20845



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93	15.47	16.86	16.35	15.91	22.20	28.07	16.75
5200MHz	Pass	7.93	19.41	19.54	19.51	19.15	25.43	28.07	20
5240MHz	Pass	7.93	17.60	18.88	17.96	18.02	24.16	28.07	18.75
5745MHz	Pass	7.93	21.09	20.74	20.85	20.72	26.87	28.07	22
5785MHz	Pass	7.93	21.18	21.26	21.33	21.42	27.32	28.07	22.75
5825MHz	Pass	7.93	21.08	20.97	21.37	21.39	27.23	28.07	22.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.93	11.96	13.39	13.80	13.15	19.15	28.07	13.75
5230MHz	Pass	7.93	16.91	18.15	18.35	17.97	23.90	28.07	18.25
5755MHz	Pass	7.93	20.07	20.28	20.74	20.63	26.46	28.07	21.5
5795MHz	Pass	7.93	21.00	21.22	21.40	21.67	27.35	28.07	23
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.93	12.72	14.29	13.40	14.01	19.67	28.07	14.25
5775MHz	Pass	7.93	16.18	17.49	17.22	17.65	23.19	28.07	17.75

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.40	0.03467	23.33/20.93	0.21528
802.11ax HEW20_Nss1,(MCS0)_1TX	15.43	0.03491	23.36/20.96	0.21677
802.11ax HEW40_Nss1,(MCS0)_1TX	15.38	0.03451	23.31/20.91	0.21429
802.11ax HEW80_Nss1,(MCS0)_1TX	15.30	0.03388	23.23/20.83	0.21038



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93/5.53	15.40	15.40	28.07	23.33/20.93	36.00/21.00	16.75
5200MHz	Pass	7.93/5.53	15.38	15.38	28.07	23.31/20.91	36.00/21.00	16.75
5240MHz	Pass	7.93/5.53	15.23	15.23	28.07	23.16/20.76	36.00/21.00	16.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93/5.53	15.43	15.43	28.07	23.36/20.96	36.00/21.00	16.5
5200MHz	Pass	7.93/5.53	15.41	15.41	28.07	23.34/20.94	36.00/21.00	16.5
5240MHz	Pass	7.93/5.53	15.39	15.39	28.07	23.32/20.92	36.00/21.00	16.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.93/5.53	15.28	15.28	28.07	23.21/20.81	36.00/21.00	16.25
5230MHz	Pass	7.93/5.53	15.38	15.38	28.07	23.31/20.91	36.00/21.00	16.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.93/5.53	15.30	15.30	28.07	23.23/20.83	36.00/21.00	16.25

DG = Directional Gain; **Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.33	0.03412	23.26/20.86	0.21184
802.11ax HEW40_Nss2,(MCS0)_2TX	15.37	0.03443	23.30/20.90	0.21380
802.11ax HEW80_Nss2,(MCS0)_2TX	15.36	0.03436	23.29/20.89	0.21330



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93/5.53	11.97	12.63	15.32	28.07	23.25/20.85	36.00/21.00	13.25
5200MHz	Pass	7.93/5.53	11.51	12.86	15.25	28.07	23.18/20.78	36.00/21.00	13
5240MHz	Pass	7.93/5.53	11.53	12.98	15.33	28.07	23.26/20.86	36.00/21.00	12.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.93/5.53	11.85	12.82	15.37	28.07	23.30/20.90	36.00/21.00	13
5230MHz	Pass	7.93/5.53	11.64	12.89	15.32	28.07	23.25/20.85	36.00/21.00	13
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.93/5.53	12.09	12.60	15.36	28.07	23.29/20.89	36.00/21.00	13

DG = Directional Gain; **Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.46	0.03516	23.39/20.99	0.21827
802.11ax HEW20_Nss1,(MCS0)_4TX	15.42	0.03483	23.35/20.95	0.21627
802.11ax HEW40_Nss1,(MCS0)_4TX	15.39	0.03459	23.32/20.92	0.21478
802.11ax HEW80_Nss1,(MCS0)_4TX	15.38	0.03451	23.31/20.91	0.21429



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93/5.53	8.55	10.09	9.74	9.00	15.41	28.07	23.34/20.94	36.00/21.00	10.5
5200MHz	Pass	7.93/5.53	8.57	9.94	9.87	9.04	15.41	28.07	23.34/20.94	36.00/21.00	10.5
5240MHz	Pass	7.93/5.53	8.66	10.04	9.49	9.44	15.46	28.07	23.39/20.99	36.00/21.00	10.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93/5.53	8.45	10.23	9.47	9.14	15.39	28.07	23.32/20.92	36.00/21.00	10.25
5200MHz	Pass	7.93/5.53	8.91	10.05	9.61	8.90	15.42	28.07	23.35/20.95	36.00/21.00	10.25
5240MHz	Pass	7.93/5.53	8.51	9.65	9.77	8.78	15.23	28.07	23.16/20.76	36.00/21.00	10
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.93/5.53	8.56	9.42	10.11	9.25	15.39	28.07	23.32/20.92	36.00/21.00	10
5230MHz	Pass	7.93/5.53	8.76	9.58	9.74	9.19	15.35	28.07	23.28/20.88	36.00/21.00	9.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.93/5.53	8.37	9.79	9.68	9.46	15.38	28.07	23.31/20.91	36.00/21.00	10

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.35	0.00861	23.30/20.90	0.21380
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.36	0.00863	23.31/20.91	0.21429
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.13	0.00818	23.08/20.68	0.20324



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	13.95/11.55	2.12	4.05	3.82	2.91	9.31	22.05	23.26/20.86	36.00/21.00	4.25
5200MHz	Pass	13.95/11.55	2.15	3.79	3.95	2.96	9.29	22.05	23.24/20.84	36.00/21.00	4.25
5240MHz	Pass	13.95/11.55	2.27	3.89	3.93	3.01	9.35	22.05	23.30/20.90	36.00/21.00	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	13.95/11.55	2.55	3.51	3.87	3.33	9.36	22.05	23.31/20.91	36.00/21.00	4
5230MHz	Pass	13.95/11.55	2.08	3.78	3.46	2.65	9.06	22.05	23.01/20.61	36.00/21.00	3.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	13.95/11.55	2.02	3.57	3.69	2.97	9.13	22.05	23.08/20.68	36.00/21.00	3.75

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

Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.42	0.03483	23.35/20.95	0.21627
802.11ax HEW40_Nss4,(MCS0)_4TX	15.45	0.03508	23.38/20.98	0.21777
802.11ax HEW80_Nss4,(MCS0)_4TX	15.32	0.03404	23.25/20.85	0.21135



Result

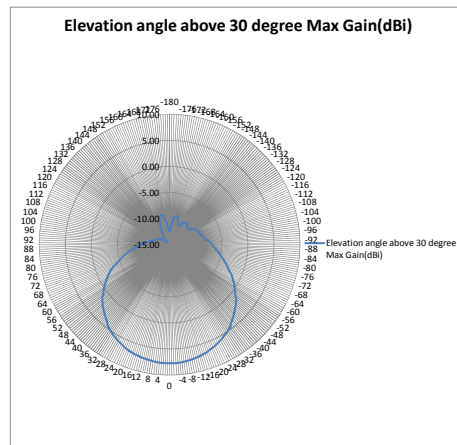
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.93/5.53	8.65	9.68	9.82	8.94	15.32	28.07	23.25/20.85	36.00/21.00	10.5
5200MHz	Pass	7.93/5.53	8.62	9.95	9.66	9.05	15.37	28.07	23.30/20.90	36.00/21.00	10.25
5240MHz	Pass	7.93/5.53	8.68	9.91	9.86	9.01	15.42	28.07	23.35/20.95	36.00/21.00	10.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.93/5.53	8.82	9.35	10.07	9.40	15.45	28.07	23.38/20.98	36.00/21.00	10.25
5230MHz	Pass	7.93/5.53	8.13	9.52	9.81	9.61	15.34	28.07	23.27/20.87	36.00/21.00	10
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.93/5.53	8.84	9.68	9.32	9.32	15.32	28.07	23.25/20.85	36.00/21.00	10

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



Elevation angle above 30 degree Max Gain Radio 2 / Antenna 1 / Beam width 30/70

Elevation angle above 30 degree Max Gain(dBi)		5.53
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-12.34	
-179	-12.17	
-178	-12.01	
-177	-11.84	
-176	-11.55	
-175	-11.26	
-174	-10.98	
-173	-10.69	
-172	-10.11	
-171	-9.91	
-170	-9.71	
-169	-9.51	
-168	-9.45	
-167	-9.39	
-166	-9.33	
-165	-9.42	
-164	-9.51	
-163	-9.60	
-162	-9.90	
-161	-10.00	
-160	-10.20	
-159	-10.42	
-158	-10.63	
-157	-10.85	
-156	-10.94	
-155	-11.12	
-154	-11.04	
-153	-10.95	
-152	-10.87	
-151	-10.69	
-150	-10.51	
-149	-10.34	
-148	-10.18	
-147	-10.03	
-146	-9.88	
-145	-9.81	
-144	-9.74	
-143	-9.67	
-142	-9.69	
-141	-9.74	
-140	-9.81	
-139	-9.89	
-138	-9.97	
-137	-10.05	
-136	-10.13	
-135	-10.22	
-134	-10.25	
-133	-10.28	
-132	-10.32	
-131	-10.28	
-130	-10.25	
-129	-10.21	
-128	-10.12	
-127	-9.93	
-126	-9.82	
-125	-9.71	
-124	-9.60	
-123	-9.50	
-122	-9.41	
-121	-9.31	
-120	-9.23	
-119	-9.16	
-118	-9.09	
-117	-9.04	
-116	-9.00	
-115	-8.95	
-114	-8.93	
-113	-8.90	
-112	-8.87	
-111	-8.85	
-110	-8.81	
-109	-8.78	
-108	-8.74	
-107	-8.71	
-106	-8.65	
-105	-8.60	
-104	-8.54	
-103	-8.45	
-102	-8.37	
-101	-8.28	
-100	-8.16	
-99	-8.05	
-98	-7.93	
-97	-7.80	
-96	-7.54	
-95	-7.41	
-94	-7.28	
-93	-7.15	
-92	-7.02	
-91	-6.90	
-90	-6.77	
-89	-6.65	
-88	-6.53	
-87	-6.40	
-86	-6.28	
-85	-6.15	
-84	-6.03	
-83	-5.89	
-82	-5.60	
-81	-5.44	
-80	-5.28	
-79	-5.12	
-78	-4.94	
-77	-4.76	
-76	-4.57	
-75	-4.37	
-74	-4.17	
-73	-3.97	
-72	-3.76	
-71	-3.55	
-70	-3.34	
-69	-3.12	
-68	-2.90	
-67	-2.68	
-66	-2.46	
-65	-2.01	
-64	-1.78	
-63	-1.55	



Above 30 degree



Elevation angle above 30 degree Max Gain Radio 2 / Antenna 1 / Beam width 30/70

-62	-1.32	
-61	-1.09	
-60	-0.86	
-59	-0.63	
-58	-0.40	
-57	-0.17	
-56	0.06	
-55	0.29	
-54	0.51	
-53	0.74	
-52	0.96	
-51	1.41	
-50	1.62	
-49	1.84	
-48	2.06	
-47	2.27	
-46	2.48	
-45	2.69	
-44	2.89	
-43	3.10	
-42	3.30	
-41	3.50	
-40	3.69	
-39	3.89	
-38	4.07	
-37	4.43	
-36	4.60	
-35	4.77	
-34	4.93	
-33	5.08	
-32	5.23	
-31	5.38	
-30	5.51	
-29	5.65	
-28	5.78	
-27	5.90	
-26	6.01	
-25	6.13	
-24	6.24	
-23	6.34	
-22	6.45	
-21	6.54	
-20	6.74	
-19	6.82	
-18	6.91	
-17	6.99	
-16	7.07	
-15	7.14	
-14	7.22	0° - 30°
-13	7.28	
-12	7.35	
-11	7.41	
-10	7.46	
-9	7.51	
-8	7.56	
-7	7.60	
-6	7.67	
-5	7.69	
-4	7.71	
-3	7.73	
-2	7.74	
-1	7.74	
0	7.75	0° reference angle
1	7.74	
2	7.73	
3	7.73	
4	7.70	
5	7.68	
6	7.66	
7	7.63	
8	7.56	
9	7.52	
10	7.48	
11	7.43	
12	7.38	
13	7.32	
14	7.27	
15	7.20	
16	7.14	0° - 30°
17	7.07	
18	7.00	
19	6.92	
20	6.85	
21	6.76	
22	6.67	
23	6.58	
24	6.48	
25	6.28	
26	6.16	
27	6.05	
28	5.93	
29	5.79	
30	5.66	
31	5.53	
32	5.37	
33	5.22	
34	5.07	
35	4.90	
36	4.73	
37	4.57	
38	4.38	
39	4.02	
40	3.83	
41	3.64	
42	3.45	
43	3.25	
44	3.05	
45	2.86	
46	2.65	
47	2.45	
48	2.25	
49	2.03	
50	1.82	
51	1.61	
52	1.38	
53	0.93	
54	0.69	
55	0.44	
56	0.20	
57	-0.06	
58	-0.33	
59	-0.59	
60	-0.87	
61	-1.15	
62	-1.43	
63	-1.72	
64	-2.01	
65	-2.30	



Elevation angle above 30 degree Max Gain Radio 2 / Antenna 1 / Beam width 30/70

66	-2.59	Above 30 degree
67	-2.88	
68	-3.18	
69	-3.47	
70	-4.06	
71	-4.36	
72	-4.65	
73	-4.95	
74	-5.24	
75	-5.54	
76	-5.83	
77	-6.12	
78	-6.41	
79	-6.71	
80	-6.99	
81	-7.27	
82	-7.55	
83	-7.80	
84	-8.31	
85	-8.53	
86	-8.75	
87	-8.97	
88	-9.16	
89	-9.34	
90	-9.53	
91	-9.69	
92	-9.85	
93	-10.02	
94	-10.17	
95	-10.33	
96	-10.48	
97	-10.64	
98	-10.95	
99	-11.10	
100	-11.25	
101	-11.40	
102	-11.53	
103	-11.65	
104	-11.78	
105	-11.87	
106	-11.96	
107	-12.04	
108	-12.09	
109	-12.14	
110	-12.18	
111	-12.21	
112	-12.23	
113	-12.26	
114	-12.29	
115	-12.35	
116	-12.41	
117	-12.47	
118	-12.53	
119	-12.64	
120	-12.74	
121	-12.85	
122	-12.99	
123	-13.14	
124	-13.28	
125	-13.44	
126	-13.60	
127	-13.77	
128	-13.90	
129	-14.16	
130	-14.22	
131	-14.28	
132	-14.33	
133	-14.30	
134	-14.26	
135	-14.22	
136	-14.12	
137	-14.02	
138	-13.92	
139	-13.79	
140	-13.67	
141	-13.55	
142	-13.42	
143	-13.17	
144	-13.04	
145	-12.90	
146	-12.76	
147	-12.58	
148	-12.40	
149	-12.22	
150	-11.98	
151	-11.73	
152	-11.49	
153	-11.20	
154	-10.92	
155	-10.64	
156	-10.37	
157	-10.10	
158	-9.83	
159	-9.64	
160	-9.25	
161	-9.18	
162	-9.10	
163	-9.03	
164	-9.10	
165	-9.16	
166	-9.23	
167	-9.42	
168	-9.62	
169	-9.82	
170	-10.11	
171	-10.40	
172	-10.69	
173	-10.99	
174	-11.60	
175	-11.82	
176	-12.03	
177	-12.25	
178	-12.28	
179	-12.31	



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.10	0.08128
802.11ax HEW20_Nss1,(MCS0)_1TX	20.18	0.10423
802.11ax HEW40_Nss1,(MCS0)_1TX	19.43	0.08770
802.11ax HEW80_Nss1,(MCS0)_1TX	16.67	0.04645
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.31	0.17022
802.11ax HEW20_Nss1,(MCS0)_1TX	22.41	0.17418
802.11ax HEW40_Nss1,(MCS0)_1TX	23.49	0.22336
802.11ax HEW80_Nss1,(MCS0)_1TX	21.88	0.15417



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.32	19.01	19.01	29.68	20
5200MHz	Pass	6.32	19.10	19.10	29.68	20.5
5240MHz	Pass	6.32	18.31	18.31	29.68	19
5745MHz	Pass	6.32	22.31	22.31	29.68	23.75
5785MHz	Pass	6.32	22.21	22.21	29.68	24
5825MHz	Pass	6.32	22.15	22.15	29.68	23.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.32	19.12	19.12	29.68	19.75
5200MHz	Pass	6.32	20.18	20.18	29.68	20.75
5240MHz	Pass	6.32	19.47	19.47	29.68	20
5745MHz	Pass	6.32	22.35	22.35	29.68	23.75
5785MHz	Pass	6.32	22.19	22.19	29.68	23.5
5825MHz	Pass	6.32	22.41	22.41	29.68	23.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	6.32	16.11	16.11	29.68	17.25
5230MHz	Pass	6.32	19.43	19.43	29.68	20
5755MHz	Pass	6.32	22.60	22.60	29.68	24.25
5795MHz	Pass	6.32	23.49	23.49	29.68	25.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	6.32	16.67	16.67	29.68	17.25
5775MHz	Pass	6.32	21.88	21.88	29.68	23.25

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.09	0.20370
802.11ax HEW40_Nss2,(MCS0)_2TX	22.62	0.18281
802.11ax HEW80_Nss2,(MCS0)_2TX	18.40	0.06918
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	25.04	0.31915
802.11ax HEW40_Nss2,(MCS0)_2TX	25.92	0.39084
802.11ax HEW80_Nss2,(MCS0)_2TX	22.33	0.17100



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	6.32	16.87	17.66	20.29	29.68	18
5200MHz	Pass	6.32	19.68	20.45	23.09	29.68	20.75
5240MHz	Pass	6.32	19.59	19.86	22.74	29.68	20
5745MHz	Pass	6.32	22.08	21.97	25.04	29.68	23.75
5785MHz	Pass	6.32	21.81	21.55	24.69	29.68	23.5
5825MHz	Pass	6.32	21.80	21.47	24.65	29.68	23.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	6.32	15.33	16.42	18.92	29.68	16.25
5230MHz	Pass	6.32	19.22	19.97	22.62	29.68	20
5755MHz	Pass	6.32	22.15	22.03	25.10	29.68	23.75
5795MHz	Pass	6.32	23.12	22.68	25.92	29.68	25.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	6.32	14.98	15.77	18.40	29.68	15.75
5775MHz	Pass	6.32	19.25	19.38	22.33	29.68	20.25

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.90	0.24547
802.11ax HEW20_Nss1,(MCS0)_4TX	24.23	0.26485
802.11ax HEW40_Nss1,(MCS0)_4TX	25.56	0.35975
802.11ax HEW80_Nss1,(MCS0)_4TX	21.05	0.12735
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.99	0.62951
802.11ax HEW20_Nss1,(MCS0)_4TX	27.96	0.62517
802.11ax HEW40_Nss1,(MCS0)_4TX	27.75	0.59566
802.11ax HEW80_Nss1,(MCS0)_4TX	24.06	0.25468



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32	17.63	18.25	17.93	17.68	23.90	29.68	18.5
5200MHz	Pass	6.32	17.56	17.82	18.05	17.77	23.82	29.68	18.5
5240MHz	Pass	6.32	17.51	18.09	17.67	17.58	23.74	29.68	18.25
5745MHz	Pass	6.32	21.98	21.76	22.17	21.94	27.99	29.68	23.75
5785MHz	Pass	6.32	21.95	21.73	21.92	22.02	27.93	29.68	24
5825MHz	Pass	6.32	21.83	21.50	21.76	21.87	27.76	29.68	23.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32	16.58	17.43	17.47	16.85	23.12	29.68	17.75
5200MHz	Pass	6.32	17.76	18.42	18.31	17.95	24.14	29.68	18.75
5240MHz	Pass	6.32	18.24	18.44	18.15	18.01	24.23	29.68	18.75
5745MHz	Pass	6.32	21.88	21.80	22.14	21.95	27.96	29.68	23.75
5785MHz	Pass	6.32	21.66	21.56	21.61	21.85	27.69	29.68	23.5
5825MHz	Pass	6.32	21.77	21.39	21.84	21.62	27.68	29.68	23.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.32	14.72	15.30	15.68	15.13	21.24	29.68	15.5
5230MHz	Pass	6.32	19.02	19.65	19.88	19.56	25.56	29.68	20
5755MHz	Pass	6.32	21.29	21.19	21.46	21.10	27.28	29.68	22.25
5795MHz	Pass	6.32	21.97	21.45	21.84	21.65	27.75	29.68	23.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.32	14.74	14.94	15.24	15.18	21.05	29.68	15.5
5775MHz	Pass	6.32	17.93	18.04	17.91	18.25	24.06	29.68	18.5

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

Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.62	0.23014
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.39	0.21827
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.62	0.09162
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.63	0.23067
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.55	0.22646



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.34	12.01	12.96	12.92	12.25	18.58	23.66	13.25
5200MHz	Pass	12.34	15.94	16.94	16.62	16.33	22.49	23.66	17
5240MHz	Pass	12.34	17.26	17.91	17.70	17.51	23.62	23.66	18
5745MHz	Pass	12.34	17.85	17.62	17.78	17.20	23.64	23.66	18
5785MHz	Pass	12.34	17.54	17.45	17.60	17.73	23.60	23.66	18
5825MHz	Pass	12.34	17.31	17.73	17.83	17.50	23.62	23.66	18
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.34	12.35	13.02	13.25	12.61	18.84	23.66	13.25
5230MHz	Pass	12.34	16.84	17.30	17.78	17.52	23.39	23.66	17.5
5755MHz	Pass	12.34	17.60	17.56	17.76	17.52	23.63	23.66	17.75
5795MHz	Pass	12.34	17.52	17.40	17.92	17.44	23.60	23.66	17.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.34	13.15	13.84	13.62	13.76	19.62	23.66	14
5775MHz	Pass	12.34	17.32	17.47	17.36	17.93	23.55	23.66	18

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.94	0.39264
802.11ax HEW40_Nss4,(MCS0)_4TX	24.86	0.30620
802.11ax HEW80_Nss4,(MCS0)_4TX	21.42	0.13868
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	27.93	0.62087
802.11ax HEW40_Nss4,(MCS0)_4TX	28.11	0.64714
802.11ax HEW80_Nss4,(MCS0)_4TX	24.14	0.25942



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32	16.26	17.24	16.69	16.46	22.70	29.68	17.25
5200MHz	Pass	6.32	19.68	20.17	20.23	19.57	25.94	29.68	20.75
5240MHz	Pass	6.32	18.81	19.65	19.43	19.21	25.31	29.68	20
5745MHz	Pass	6.32	21.78	21.61	22.16	22.05	27.93	29.68	23.75
5785MHz	Pass	6.32	21.72	21.64	21.85	21.61	27.73	29.68	23.5
5825MHz	Pass	6.32	21.79	21.34	21.81	21.58	27.65	29.68	23.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.32	14.11	14.61	15.07	14.48	20.60	29.68	15.25
5230MHz	Pass	6.32	18.15	18.93	19.47	18.69	24.86	29.68	19.25
5755MHz	Pass	6.32	20.72	20.88	20.94	20.84	26.87	29.68	22
5795MHz	Pass	6.32	22.05	21.89	22.32	22.07	28.11	29.68	24.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.32	15.09	15.77	15.20	15.51	21.42	29.68	16
5775MHz	Pass	6.32	17.97	18.15	18.08	18.29	24.14	29.68	18.75

DG = Directional Gain;Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.62	0.03648	21.94/20.95	0.15631
802.11ax HEW20_Nss1,(MCS0)_1TX	15.60	0.03631	21.92/20.93	0.15560
802.11ax HEW40_Nss1,(MCS0)_1TX	15.51	0.03556	21.83/20.84	0.15241
802.11ax HEW80_Nss1,(MCS0)_1TX	15.66	0.03681	21.98/20.99	0.15776



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32/5.33	15.52	15.52	29.68	21.84/20.85	36.00/21.00	16.75
5200MHz	Pass	6.32/5.33	15.62	15.62	29.68	21.94/20.95	36.00/21.00	16.75
5240MHz	Pass	6.32/5.33	15.61	15.61	29.68	21.93/20.94	36.00/21.00	17
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32/5.33	15.60	15.60	29.68	21.92/20.93	36.00/21.00	16.5
5200MHz	Pass	6.32/5.33	15.43	15.43	29.68	21.75/20.76	36.00/21.00	16.5
5240MHz	Pass	6.32/5.33	15.55	15.55	29.68	21.87/20.88	36.00/21.00	16.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.32/5.33	15.51	15.51	29.68	21.83/20.84	36.00/21.00	16.5
5230MHz	Pass	6.32/5.33	15.47	15.47	29.68	21.79/20.80	36.00/21.00	16.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.32/5.33	15.66	15.66	29.68	21.98/20.99	36.00/21.00	16.5

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.65	0.03673	21.97/20.98	0.15740
802.11ax HEW40_Nss2,(MCS0)_2TX	15.48	0.03532	21.80/20.81	0.15136
802.11ax HEW80_Nss2,(MCS0)_2TX	15.52	0.03565	21.84/20.85	0.15276



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32/5.33	12.02	12.84	15.46	29.68	21.78/20.79	36.00/21.00	13.25
5200MHz	Pass	6.32/5.33	12.25	12.99	15.65	29.68	21.97/20.98	36.00/21.00	13.25
5240MHz	Pass	6.32/5.33	12.13	13.09	15.65	29.68	21.97/20.98	36.00/21.00	13
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.32/5.33	12.05	12.83	15.47	29.68	21.79/20.80	36.00/21.00	13
5230MHz	Pass	6.32/5.33	12.12	12.79	15.48	29.68	21.80/20.81	36.00/21.00	13
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.32/5.33	12.32	12.70	15.52	29.68	21.84/20.85	36.00/21.00	13

DG = Directional Gain; **Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.55	0.03589	21.87/20.88	0.15382
802.11ax HEW20_Nss1,(MCS0)_4TX	15.57	0.03606	21.89/20.90	0.15453
802.11ax HEW40_Nss1,(MCS0)_4TX	15.55	0.03589	21.87/20.88	0.15382
802.11ax HEW80_Nss1,(MCS0)_4TX	15.65	0.03673	21.97/20.98	0.15740



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32/5.33	8.33	10.18	9.79	9.41	15.50	29.68	21.82/20.83	36.00/21.00	10.5
5200MHz	Pass	6.32/5.33	8.80	10.20	9.73	9.25	15.55	29.68	21.87/20.88	36.00/21.00	10.5
5240MHz	Pass	6.32/5.33	8.37	10.26	9.69	9.16	15.45	29.68	21.77/20.78	36.00/21.00	10.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32/5.33	8.94	9.99	9.98	9.20	15.57	29.68	21.89/20.90	36.00/21.00	10.25
5200MHz	Pass	6.32/5.33	8.88	9.78	10.05	9.24	15.53	29.68	21.85/20.86	36.00/21.00	10.25
5240MHz	Pass	6.32/5.33	8.94	9.80	10.10	8.79	15.46	29.68	21.78/20.79	36.00/21.00	10
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.32/5.33	8.61	9.91	10.18	9.23	15.55	29.68	21.87/20.88	36.00/21.00	10
5230MHz	Pass	6.32/5.33	8.75	9.48	9.98	9.72	15.53	29.68	21.85/20.86	36.00/21.00	10
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.32/5.33	8.56	10.06	9.90	9.84	15.65	29.68	21.97/20.98	36.00/21.00	10

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.56	0.00904	21.90/20.91	0.15488
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.58	0.00908	21.92/20.93	0.15560
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.51	0.00893	21.85/20.86	0.15311



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.34/11.35	2.32	4.27	4.08	3.12	9.54	23.66	21.88/20.89	36.00/21.00	4.5
5200MHz	Pass	12.34/11.35	2.36	4.05	4.18	3.16	9.52	23.66	21.86/20.87	36.00/21.00	4.5
5240MHz	Pass	12.34/11.35	2.51	4.09	4.14	3.22	9.56	23.66	21.90/20.91	36.00/21.00	4.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.34/11.35	2.75	3.71	4.01	3.51	9.54	23.66	21.88/20.89	36.00/21.00	4.25
5230MHz	Pass	12.34/11.35	2.40	4.47	3.68	3.44	9.58	23.66	21.92/20.93	36.00/21.00	4
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.34/11.35	2.41	3.85	3.92	3.60	9.51	23.66	21.85/20.86	36.00/21.00	4

DG = Directional Gain; Port X = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



**For Outdoor use for 5G Band 1:
Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.52	0.03565	21.84/20.85	0.15276
802.11ax HEW40_Nss4,(MCS0)_4TX	15.64	0.03664	21.96/20.97	0.15704
802.11ax HEW80_Nss4,(MCS0)_4TX	15.52	0.03565	21.84/20.85	0.15276



Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.32/5.33	8.69	9.79	10.10	8.95	15.44	29.68	21.76/20.77	36.00/21.00	10.5
5200MHz	Pass	6.32/5.33	8.72	10.19	9.88	9.05	15.52	29.68	21.84/20.85	36.00/21.00	10.5
5240MHz	Pass	6.32/5.33	8.72	10.00	9.96	9.11	15.50	29.68	21.82/20.83	36.00/21.00	10.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.32/5.33	9.00	9.90	10.11	9.37	15.64	29.68	21.96/20.97	36.00/21.00	10.25
5230MHz	Pass	6.32/5.33	8.30	10.25	10.01	9.48	15.59	29.68	21.91/20.92	36.00/21.00	10.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.32/5.33	9.07	9.99	9.34	9.56	15.52	29.68	21.84/20.85	36.00/21.00	10.25

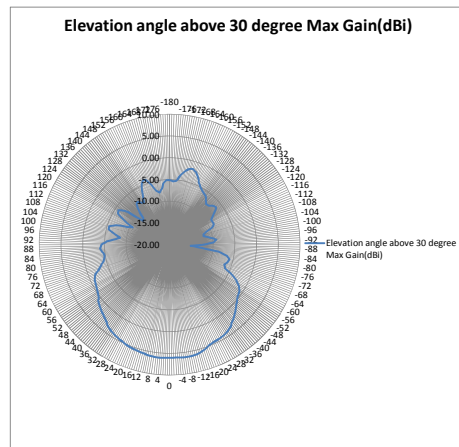
DG = Directional Gain;**Port X** = Port X output power.
 Note: Conducted setting = Pass conducted setting division 4.



Elevation angle above 30 degree Max Gain Radio 2 / Antenna 2 / Beam width 70/70

Elevation angle above 30 degree Max Gain(dBi)		5.33
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-5.11	
-179	-5.21	
-178	-5.31	
-177	-5.41	
-176	-5.34	
-175	-5.28	
-174	-5.21	
-173	-4.90	
-172	-4.27	
-171	-3.86	
-170	-3.46	
-169	-3.05	
-168	-2.73	
-167	-2.41	
-166	-2.08	
-165	-1.98	
-164	-1.87	
-163	-1.76	
-162	-1.92	
-161	-2.07	
-160	-2.22	
-159	-2.56	
-158	-2.89	
-157	-3.22	
-156	-3.55	
-155	-4.21	
-154	-4.45	
-153	-4.68	
-152	-4.92	
-151	-5.10	
-150	-5.28	
-149	-5.46	
-148	-5.58	
-147	-5.70	
-146	-5.83	
-145	-5.94	
-144	-6.05	
-143	-6.16	
-142	-6.37	
-141	-6.78	
-140	-7.01	
-139	-7.24	
-138	-7.47	
-137	-7.42	
-136	-7.38	
-135	-7.33	
-134	-7.09	
-133	-6.85	
-132	-6.60	
-131	-6.50	
-130	-6.40	
-129	-6.30	
-128	-6.46	
-127	-6.79	
-126	-7.18	
-125	-7.56	
-124	-7.95	
-123	-8.26	
-122	-8.57	
-121	-8.87	
-120	-8.86	
-119	-8.85	
-118	-8.83	
-117	-8.81	
-116	-8.79	
-115	-8.77	
-114	-9.00	
-113	-9.23	
-112	-9.46	
-111	-9.89	
-110	-10.74	
-109	-11.11	
-108	-11.48	
-107	-11.85	
-106	-11.88	
-105	-11.90	
-104	-11.93	
-103	-11.62	
-102	-11.31	
-101	-11.00	
-100	-10.60	
-99	-10.20	
-98	-9.80	
-97	-9.61	
-96	-9.22	
-95	-9.45	
-94	-9.69	
-93	-9.93	
-92	-10.73	
-91	-11.53	
-90	-12.33	
-89	-13.26	
-88	-14.19	
-87	-15.11	
-86	-14.24	
-85	-13.36	
-84	-12.48	
-83	-11.22	
-82	-8.71	
-81	-7.99	
-80	-7.26	
-79	-6.54	
-78	-6.29	
-77	-6.04	
-76	-5.79	
-75	-5.99	
-74	-5.99	
-73	-6.09	
-72	-6.28	
-71	-6.46	
-70	-6.64	
-69	-6.47	
-68	-6.30	
-67	-6.13	
-66	-5.57	
-65	-4.45	
-64	-3.85	
-63	-3.25	

Above 30 degree





Elevation angle above 30 degree Max Gain Radio 2 / Antenna 2 / Beam width 70/70

-62	-2.65	
-61	-2.22	
-60	-1.79	
-59	-1.36	
-58	-1.14	
-57	-0.91	
-56	-0.68	
-55	-0.57	
-54	-0.46	
-53	-0.35	
-52	-0.23	
-51	0.02	
-50	0.23	
-49	0.43	
-48	0.64	
-47	0.90	
-46	1.15	
-45	1.41	
-44	1.66	
-43	1.92	
-42	2.17	
-41	2.40	
-40	2.63	
-39	2.86	
-38	3.06	
-37	3.46	
-36	3.62	
-35	3.78	
-34	3.94	
-33	4.05	
-32	4.16	
-31	4.27	
-30	4.32	
-29	4.38	
-28	4.44	
-27	4.48	
-26	4.52	
-25	4.56	
-24	4.64	
-23	4.72	
-22	4.80	
-21	4.92	
-20	5.18	
-19	5.33	
-18	5.47	
-17	5.62	
-16	5.74	
-15	5.86	
-14	5.98	
-13	6.04	
-12	6.10	
-11	6.16	0° reference angle
-10	6.16	
-9	6.15	
-8	6.15	
-7	6.12	
-6	6.06	
-5	6.04	
-4	6.02	
-3	6.00	
-2	6.01	
-1	6.02	
0	6.02	
1	6.05	
2	6.07	
3	6.09	
4	6.10	
5	6.11	
6	6.12	
7	6.10	
8	6.05	
9	6.00	
10	5.94	
11	5.89	
12	5.82	
13	5.76	
14	5.69	
15	5.63	
16	5.57	
17	5.51	
18	5.45	
19	5.39	
20	5.33	
21	5.25	
22	5.18	
23	5.11	
24	5.03	
25	4.87	
26	4.79	
27	4.70	
28	4.62	
29	4.52	
30	4.43	
31	4.34	
32	4.22	
33	4.10	
34	3.97	
35	3.82	
36	3.66	
37	3.50	
38	3.32	
39	2.96	
40	2.79	
41	2.61	
42	2.43	
43	2.28	
44	2.12	
45	1.97	
46	1.82	
47	1.68	
48	1.53	
49	1.37	
50	1.20	
51	1.03	
52	0.84	
53	0.44	
54	0.26	
55	0.07	
56	-0.11	
57	-0.24	
58	-0.36	
59	-0.48	
60	-0.55	
61	-0.62	
62	-0.69	
63	-0.79	
64	-0.89	
65	-0.98	



Elevation angle above 30 degree Max Gain Radio 2 / Antenna 2 / Beam width 70/70

66	-1.18	Above 30 degree
67	-1.38	
68	-1.58	
69	-1.88	
70	-2.49	
71	-2.83	
72	-3.17	
73	-3.51	
74	-3.78	
75	-4.05	
76	-4.33	
77	-4.48	
78	-4.63	
79	-4.78	
80	-4.77	
81	-4.76	
82	-4.76	
83	-4.62	
84	-4.35	
85	-4.23	
86	-4.12	
87	-4.01	
88	-4.11	
89	-4.21	
90	-4.31	
91	-4.74	
92	-5.17	
93	-5.60	
94	-6.27	
95	-6.94	
96	-7.61	
97	-7.90	
98	-8.49	
99	-8.01	
100	-7.53	
101	-7.05	
102	-6.56	
103	-6.07	
104	-5.57	
105	-5.53	
106	-5.48	
107	-5.43	
108	-5.92	
109	-6.40	
110	-6.89	
111	-7.90	
112	-8.71	
113	-9.62	
114	-9.95	
115	-10.63	
116	-9.81	
117	-9.00	
118	-8.18	
119	-7.51	
120	-6.84	
121	-6.16	
122	-6.04	
123	-5.91	
124	-5.79	
125	-6.21	
126	-6.63	
127	-7.06	
128	-7.89	
129	-9.55	
130	-10.30	
131	-11.05	
132	-11.80	
133	-11.68	
134	-11.55	
135	-11.43	
136	-10.75	
137	-10.06	
138	-9.37	
139	-8.88	
140	-8.39	
141	-7.90	
142	-7.81	
143	-7.65	
144	-7.90	
145	-8.15	
146	-8.41	
147	-8.47	
148	-8.53	
149	-8.58	
150	-7.96	
151	-7.35	
152	-6.73	
153	-6.06	
154	-5.40	
155	-4.73	
156	-4.44	
157	-4.16	
158	-3.87	
159	-3.99	
160	-4.23	
161	-4.68	
162	-5.12	
163	-5.57	
164	-6.12	
165	-6.67	
166	-7.22	
167	-7.42	
168	-7.62	
169	-7.83	
170	-7.56	
171	-7.29	
172	-7.03	
173	-6.84	
174	-5.86	
175	-5.62	
176	-5.38	
177	-5.14	
178	-5.13	
179	-5.12	



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.81
802.11ax HEW20_Nss1,(MCS0)_1TX	8.26
802.11ax HEW40_Nss1,(MCS0)_1TX	3.82
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.88
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	1.23
802.11ax HEW20_Nss1,(MCS0)_1TX	2.95
802.11ax HEW40_Nss1,(MCS0)_1TX	-0.23
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.75

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

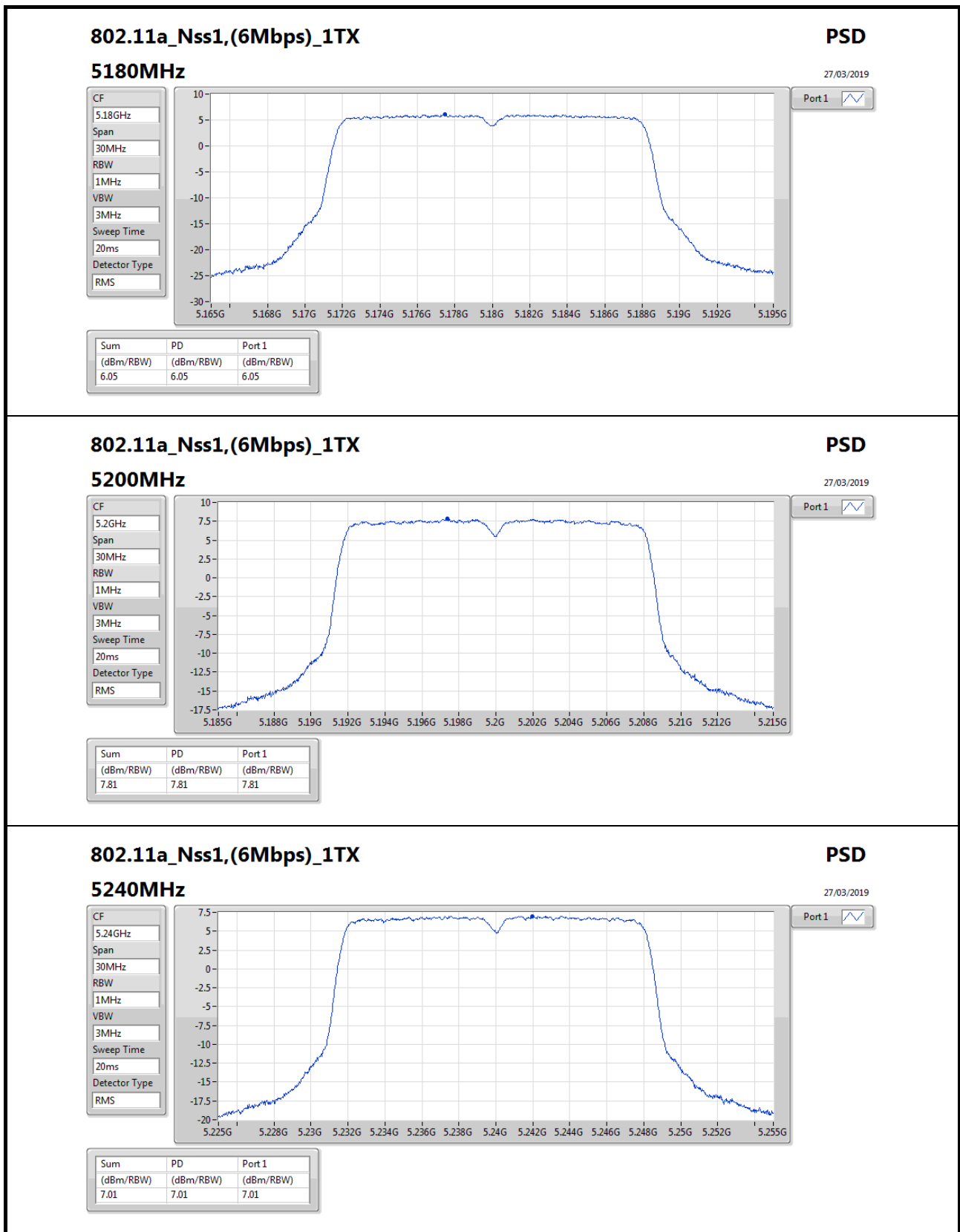


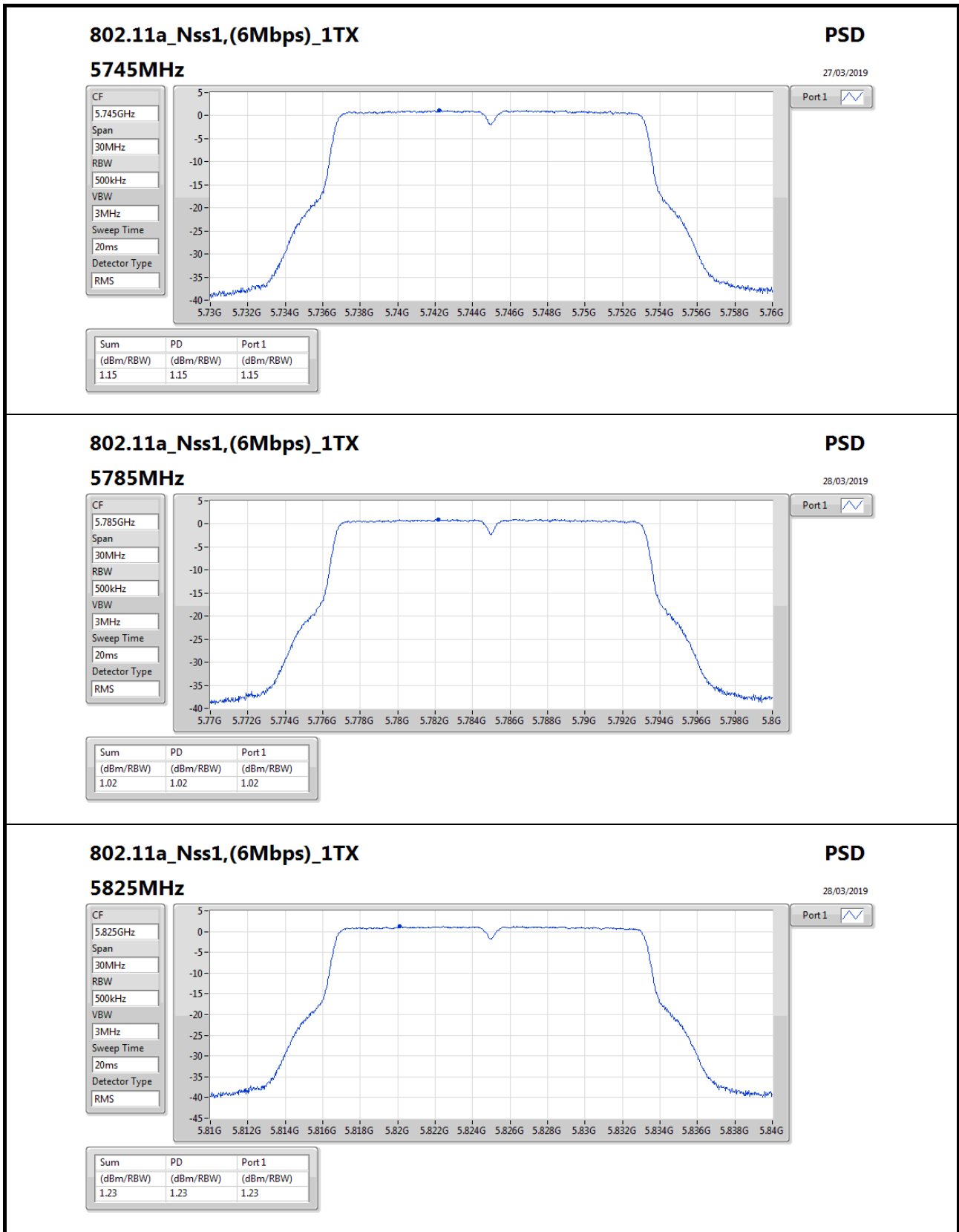
Result

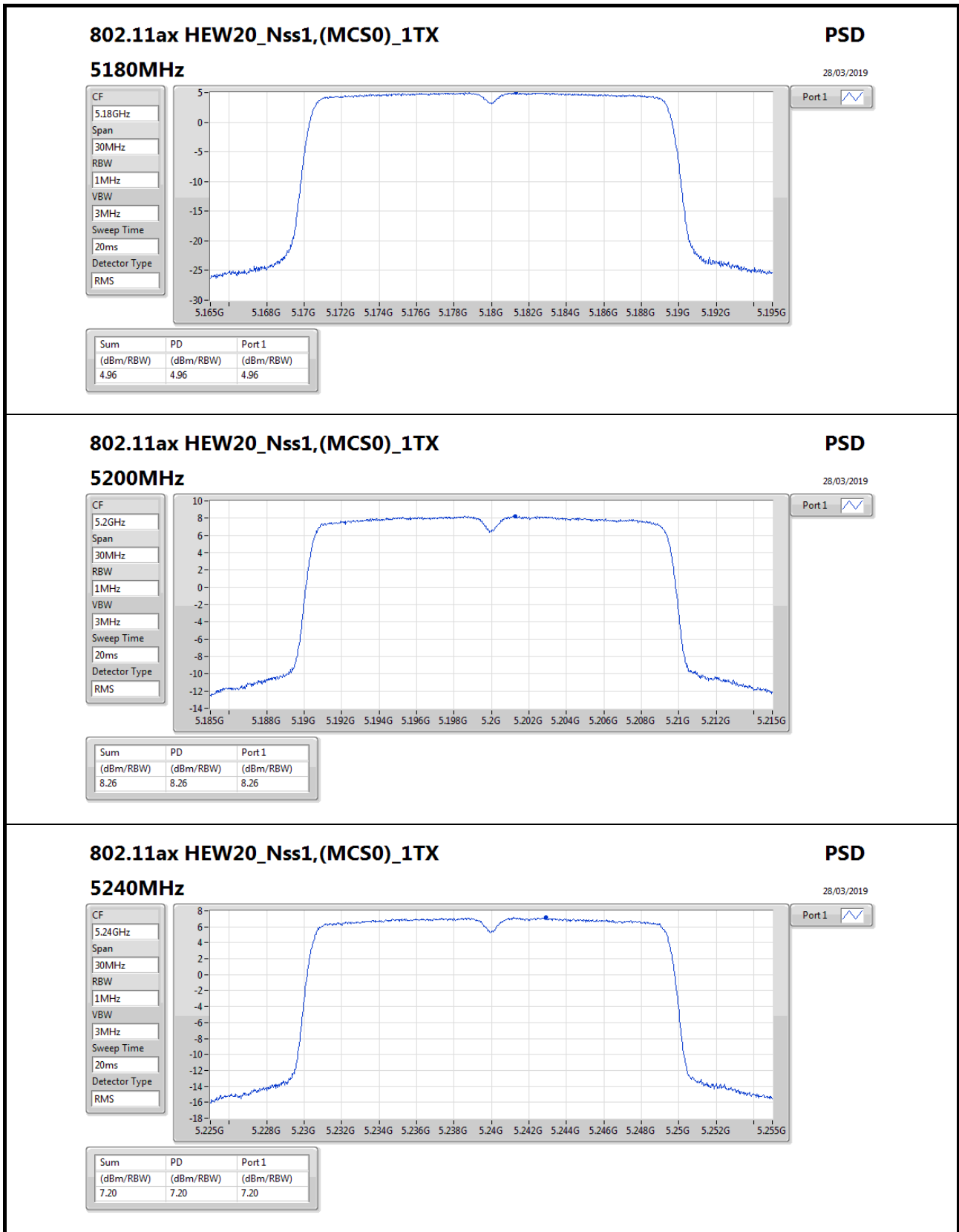
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	8.27	6.05	6.05	14.73
5200MHz	Pass	8.27	7.81	7.81	14.73
5240MHz	Pass	8.27	7.01	7.01	14.73
5745MHz	Pass	8.27	1.15	1.15	27.73
5785MHz	Pass	8.27	1.02	1.02	27.73
5825MHz	Pass	8.27	1.23	1.23	27.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.27	4.96	4.96	14.73
5200MHz	Pass	8.27	8.26	8.26	14.73
5240MHz	Pass	8.27	7.20	7.20	14.73
5745MHz	Pass	8.27	2.08	2.08	27.73
5785MHz	Pass	8.27	2.95	2.95	27.73
5825MHz	Pass	8.27	2.06	2.06	27.73
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.27	-0.08	-0.08	14.73
5230MHz	Pass	8.27	3.82	3.82	14.73
5755MHz	Pass	8.27	-0.23	-0.23	27.73
5795MHz	Pass	8.27	-0.27	-0.27	27.73
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.27	-2.88	-2.88	14.73
5775MHz	Pass	8.27	-0.75	-0.75	27.73

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

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






802.11ax HEW20_Nss1,(MCS0)_1TX
PSD

28/03/2019

5240MHz
Port 1

CF

5.24GHz

Span

30MHz

RBW

1MHz

VBW

3MHz

Sweep Time

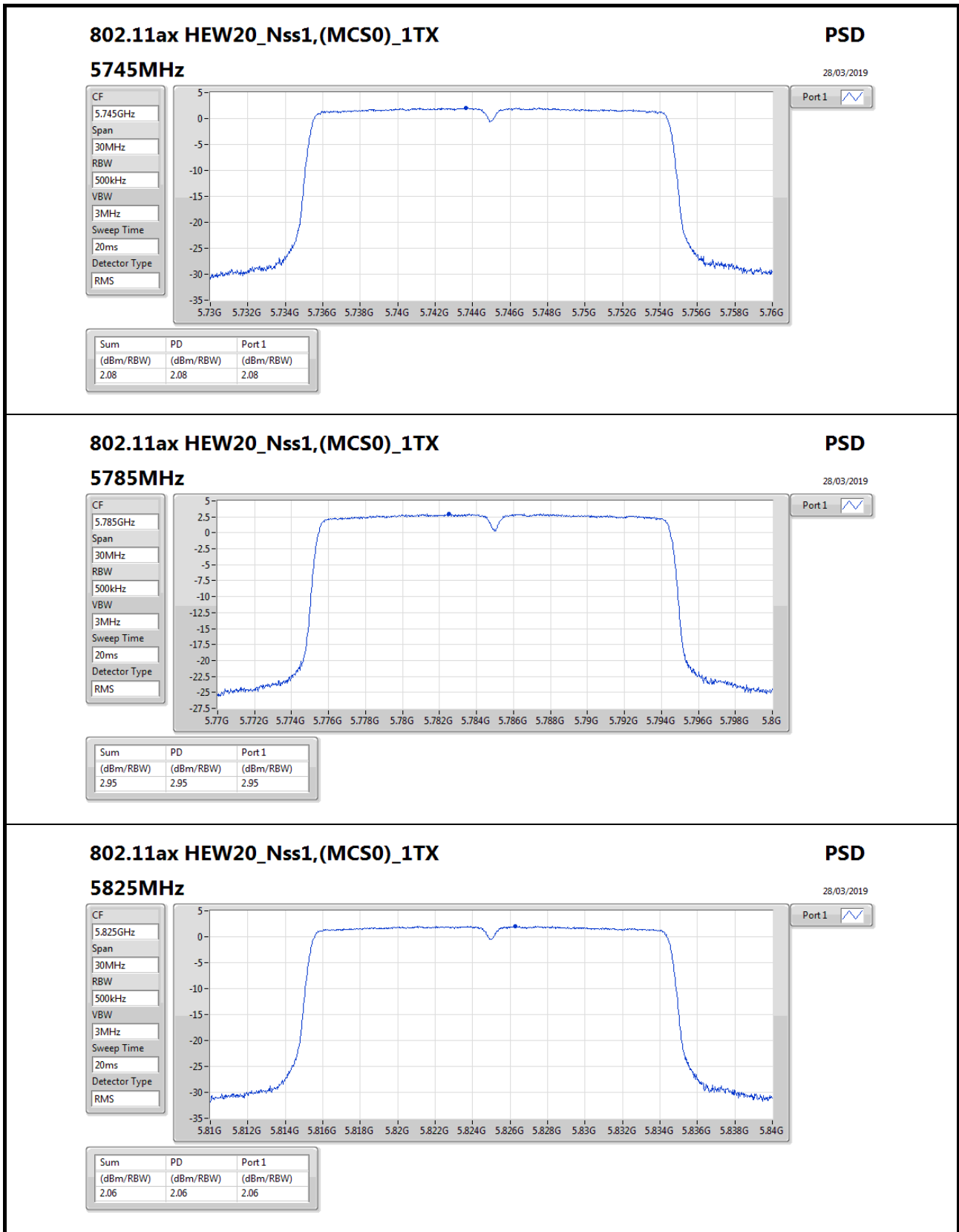
20ms

Detector Type

RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	7.20



802.11ax HEW20_Nss1,(MCS0)_1TX

5825MHz

PSD
28/03/2019

CF
5.825GHz

Span
30MHz

RBW
500kHz

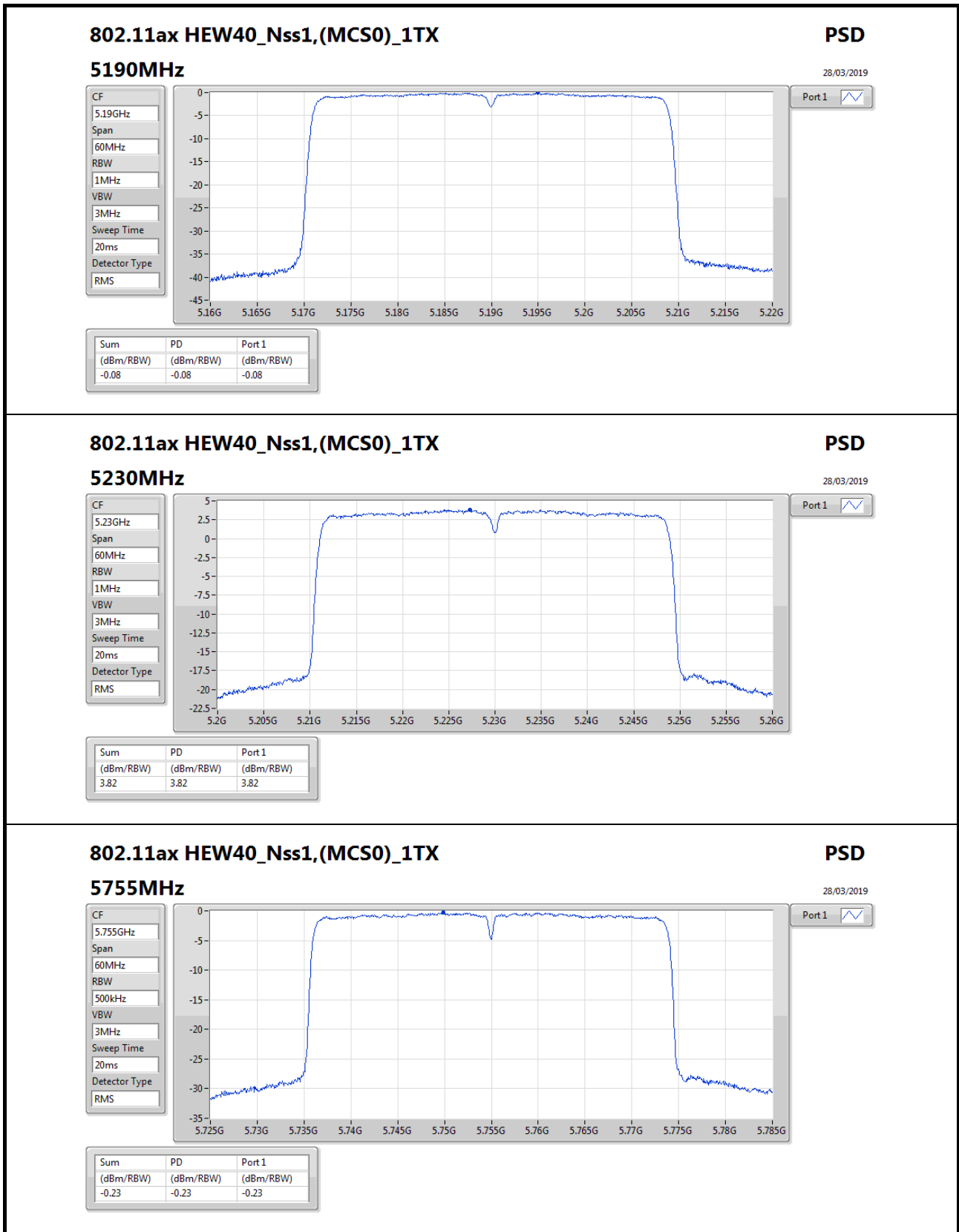
VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.06	2.06	2.06





802.11ax HEW80_Nss1,(MCS0)_1TX

5775MHz

PSD
28/03/2019

CF
5.775GHz

Span
120MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-0.75



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 4:
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.95
802.11ax HEW40_Nss2,(MCS0)_2TX	5.81
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.56
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	6.07
802.11ax HEW40_Nss2,(MCS0)_2TX	3.03
802.11ax HEW80_Nss2,(MCS0)_2TX	0.73

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.27	3.04	2.61	5.78	14.73
5200MHz	Pass	8.27	7.09	6.86	9.95	14.73
5240MHz	Pass	8.27	7.14	6.79	9.92	14.73
5745MHz	Pass	8.27	1.70	1.73	4.73	27.73
5785MHz	Pass	8.27	3.07	3.19	6.07	27.73
5825MHz	Pass	8.27	2.43	1.80	5.05	27.73
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.27	-0.94	-1.11	1.92	14.73
5230MHz	Pass	8.27	2.98	2.77	5.81	14.73
5755MHz	Pass	8.27	-0.03	0.07	3.03	27.73
5795MHz	Pass	8.27	-0.57	0.07	2.69	27.73
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.27	-4.50	-4.44	-1.56	14.73
5775MHz	Pass	8.27	-2.15	-2.21	0.73	27.73

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

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

