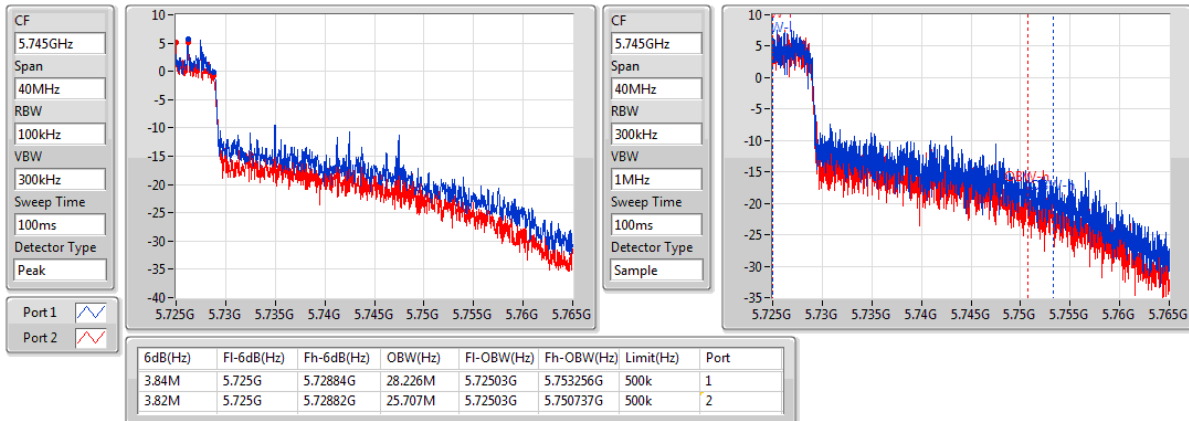


802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

27/04/2019

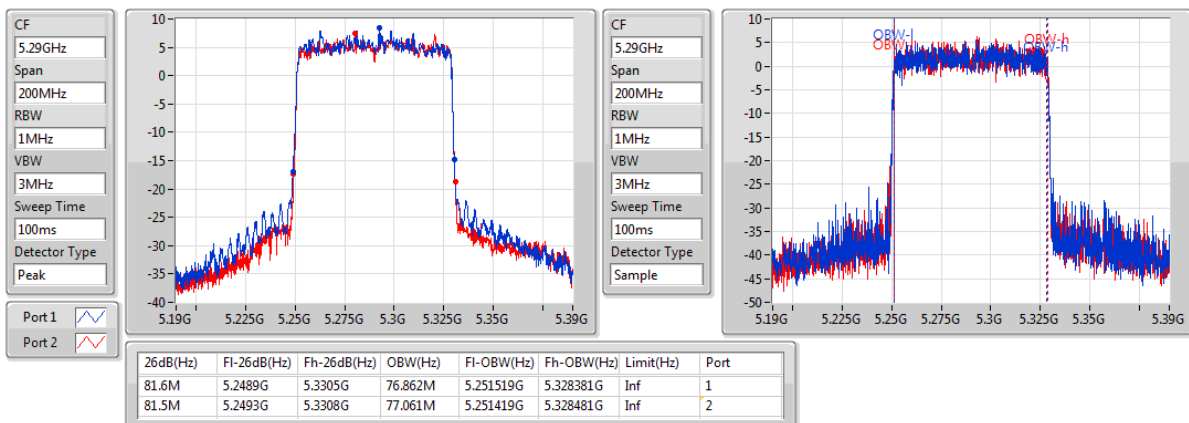


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

27/04/2019

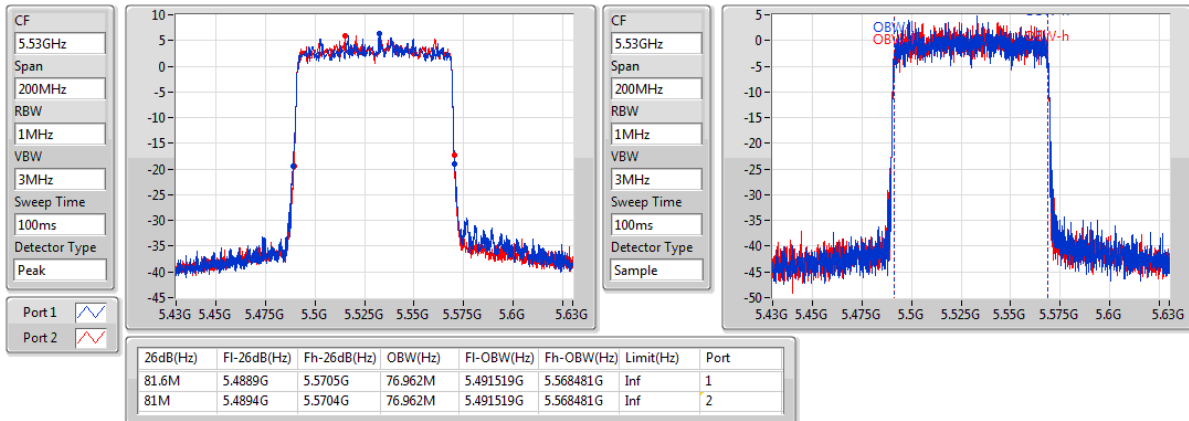


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

27/04/2019

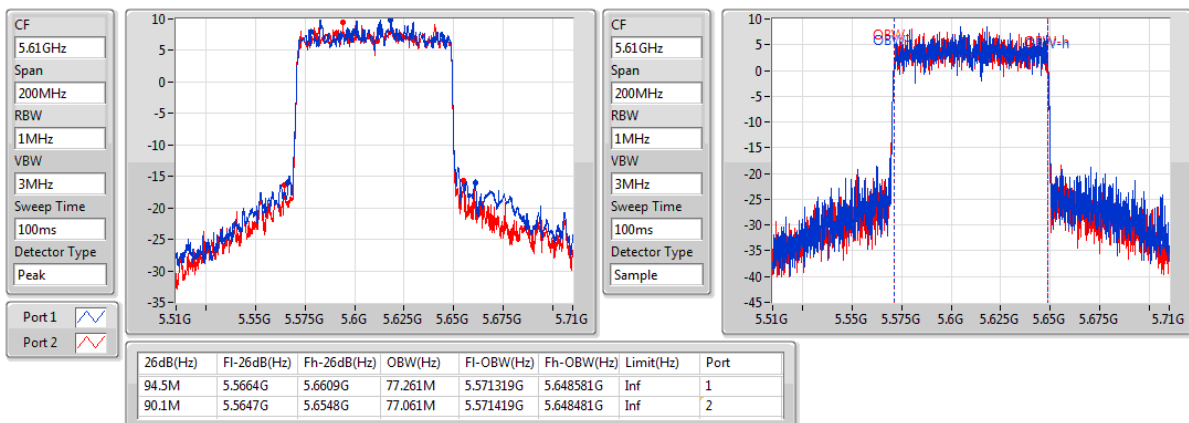


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

27/04/2019

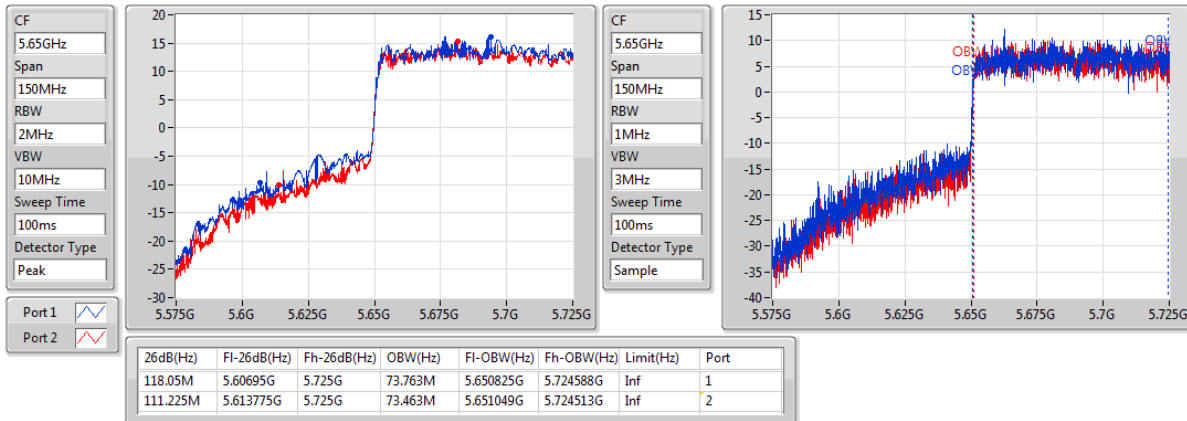


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

27/04/2019

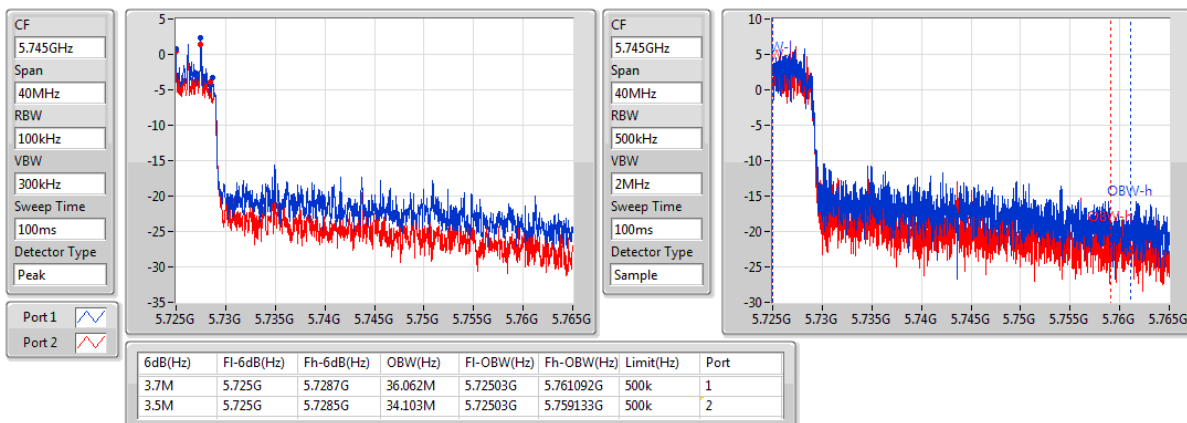


802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

27/04/2019

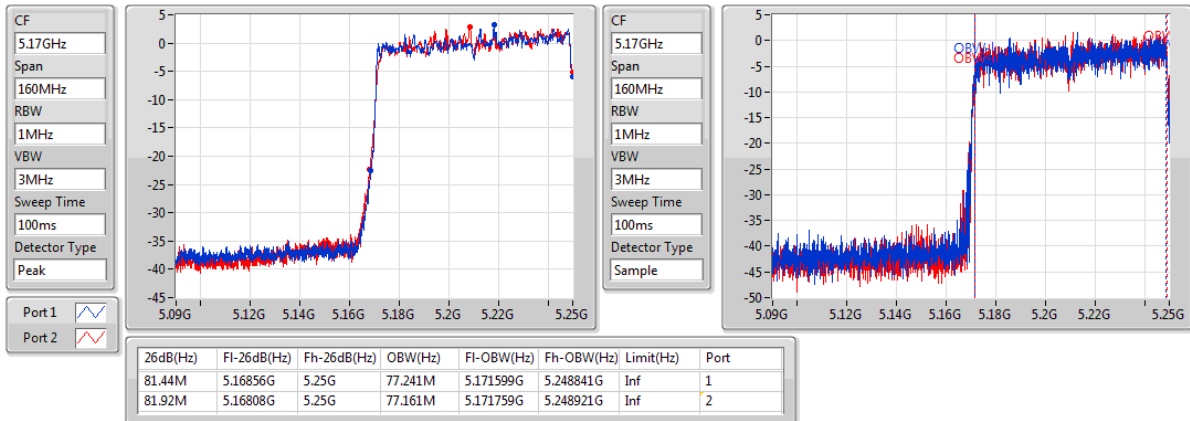


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/04/2019

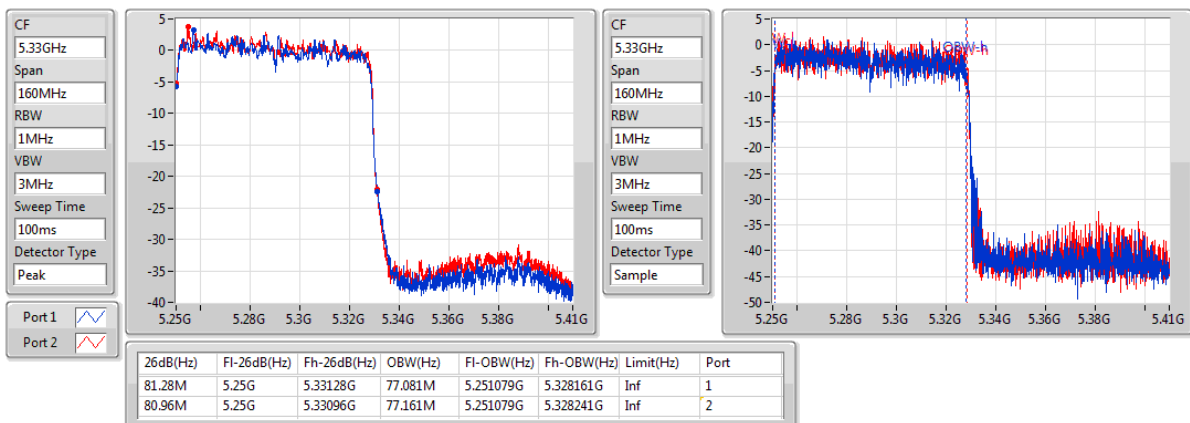


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/04/2019

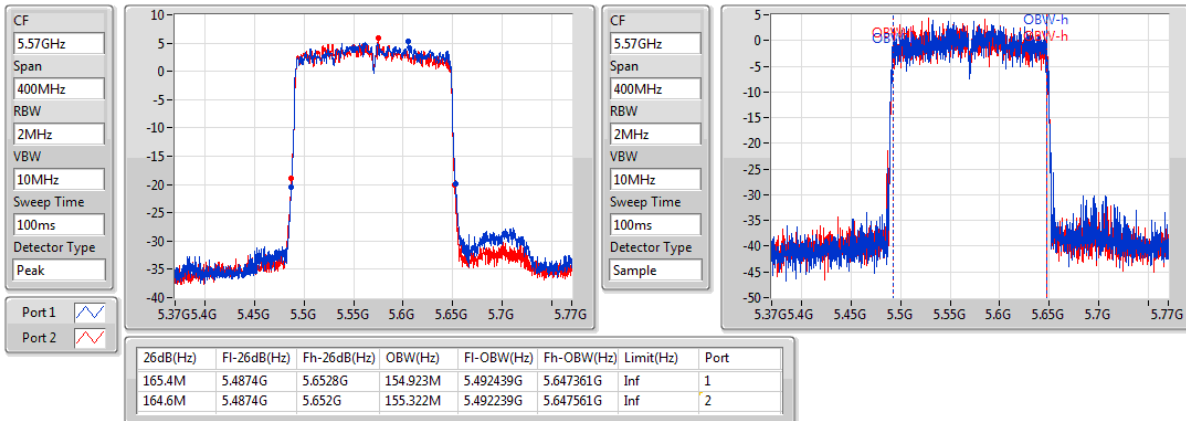


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5570MHz

27/04/2019





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ 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 HEW160_Nss1,(MCS0)_4TX	80.96M	77.241M	77M2D1D	80.88M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.7M	16.667M	16M7D1D	21.5M	16.517M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.85M	18.991M	19M0D1D	21.35M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.631M	37M6D1D	40M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.8M	77.161M	77M2D1D	81.2M	76.862M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.6M	77.081M	77M1D1D	80.8M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.725M	16.642M	16M6D1D	15.57M	13.283M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.875M	18.991M	19M0D1D	15.705M	14.453M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.15M	37.631M	37M6D1D	34.965M	33.618M
802.11ax HEW80_Nss1,(MCS0)_4TX	87.525M	77.261M	77M3D1D	75.525M	73.088M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.2M	155.522M	156MD1D	163.4M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	3.978M	3M98D1D	3.12M	3.858M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.52M	4.538M	4M54D1D	4.46M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.94M	4.058M	4M06D1D	3.74M	4.038M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.86M	27.046M	27M0D1D	3.64M	22.429M

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;

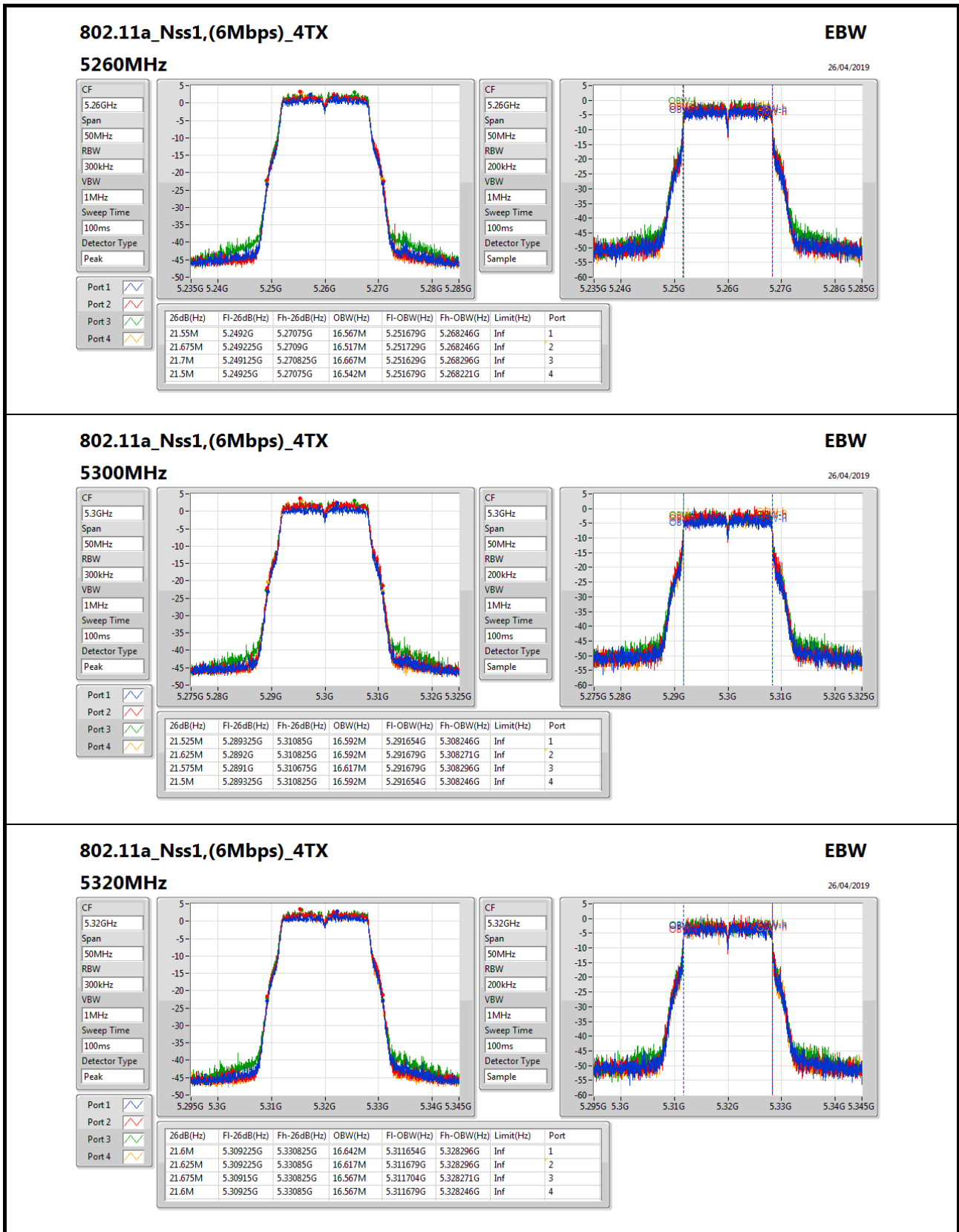


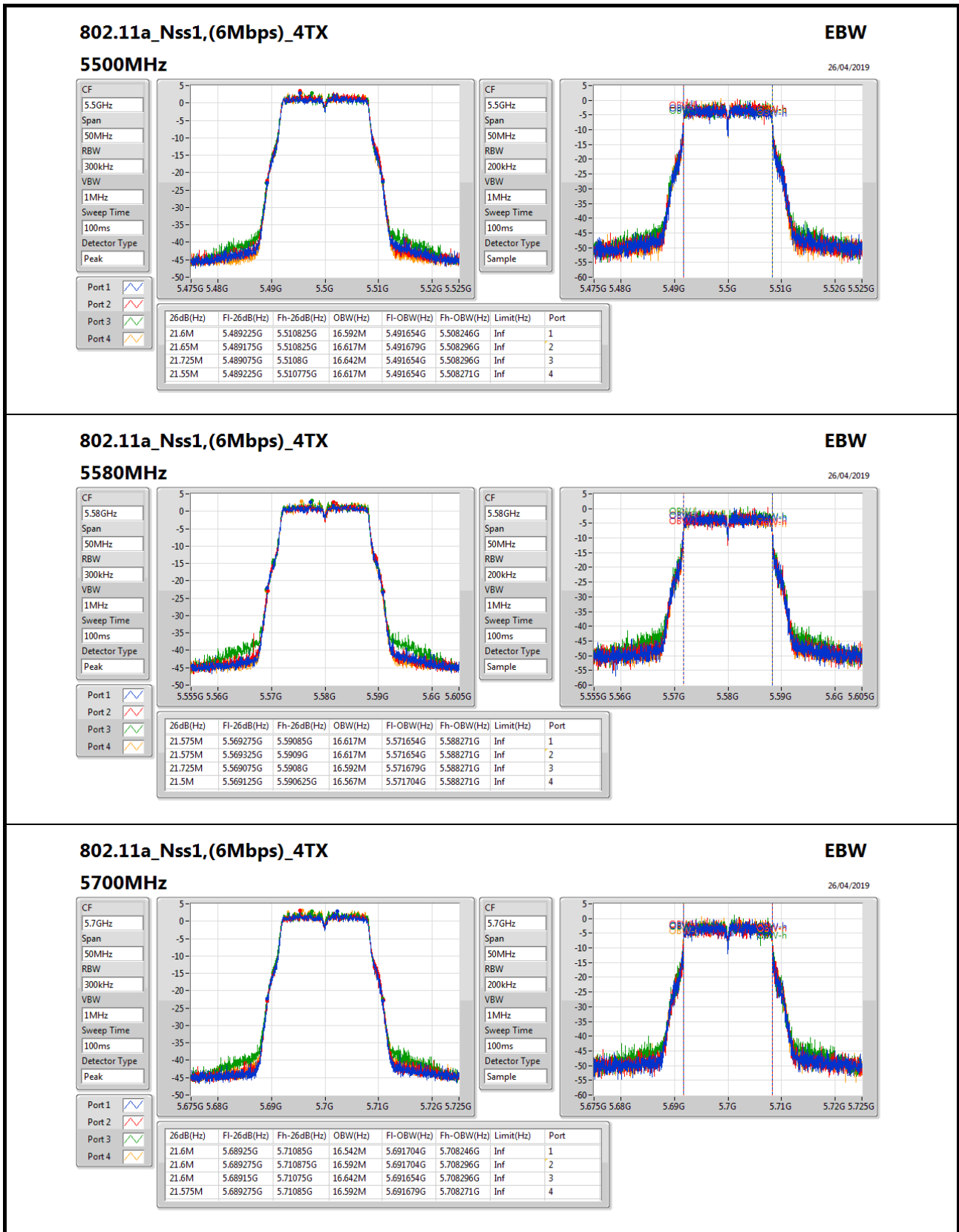
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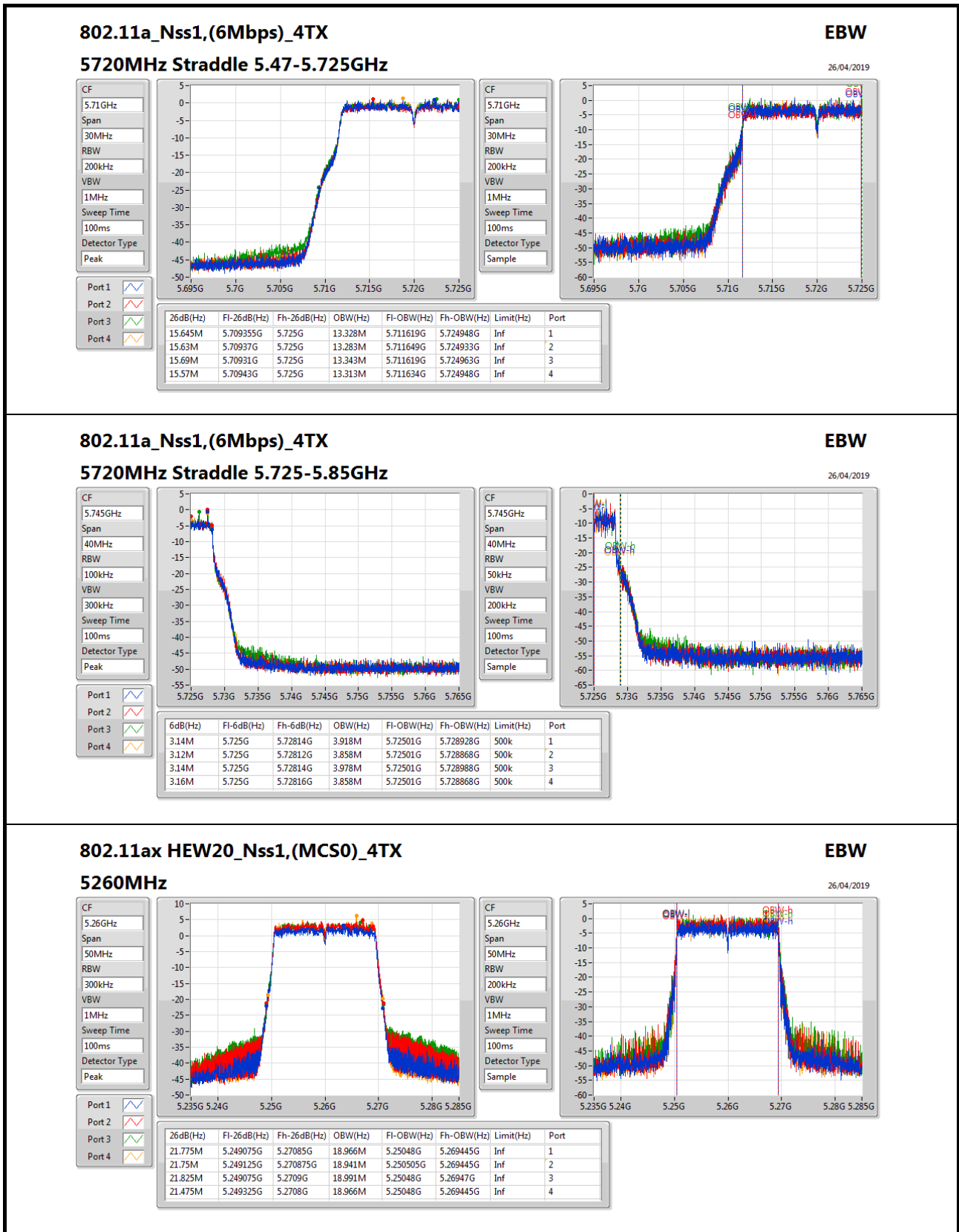
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.55M	16.567M	21.675M	16.517M	21.7M	16.667M	21.5M	16.542M
5300MHz	Pass	Inf	21.525M	16.592M	21.625M	16.592M	21.575M	16.617M	21.5M	16.592M
5320MHz	Pass	Inf	21.6M	16.642M	21.625M	16.617M	21.675M	16.567M	21.6M	16.567M
5500MHz	Pass	Inf	21.6M	16.592M	21.65M	16.617M	21.725M	16.642M	21.55M	16.617M
5580MHz	Pass	Inf	21.575M	16.617M	21.575M	16.617M	21.725M	16.592M	21.5M	16.567M
5700MHz	Pass	Inf	21.6M	16.542M	21.6M	16.592M	21.6M	16.642M	21.575M	16.592M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	13.328M	15.63M	13.283M	15.69M	13.343M	15.57M	13.313M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.918M	3.12M	3.858M	3.14M	3.978M	3.16M	3.858M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.775M	18.966M	21.75M	18.941M	21.825M	18.991M	21.475M	18.966M
5300MHz	Pass	Inf	21.625M	18.941M	21.725M	18.941M	21.85M	18.941M	21.35M	18.966M
5320MHz	Pass	Inf	21.75M	18.966M	21.675M	18.966M	21.85M	18.941M	21.375M	18.966M
5500MHz	Pass	Inf	21.7M	18.966M	21.575M	18.991M	21.8M	18.966M	21.525M	18.966M
5580MHz	Pass	Inf	21.725M	18.941M	21.675M	18.966M	21.825M	18.941M	21.375M	18.991M
5700MHz	Pass	Inf	21.75M	18.966M	21.65M	18.916M	21.875M	18.941M	21.425M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.498M	15.735M	14.453M	15.705M	14.483M	15.72M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.518M	4.5M	4.538M	4.46M	4.498M	4.5M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40M	37.581M	40.05M	37.481M	40.1M	37.581M	40.2M	37.531M
5310MHz	Pass	Inf	40M	37.531M	40.05M	37.481M	40.1M	37.481M	40.15M	37.631M
5510MHz	Pass	Inf	40M	37.531M	40.1M	37.631M	40.15M	37.581M	40.1M	37.581M
5550MHz	Pass	Inf	40M	37.531M	40.15M	37.581M	40.1M	37.531M	40.15M	37.531M
5670MHz	Pass	Inf	39.9M	37.481M	40.05M	37.631M	40.15M	37.481M	40.1M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	33.688M	34.965M	33.618M	35.07M	33.688M	34.965M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.038M	3.74M	4.058M	3.8M	4.058M	3.76M	4.058M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.8M	77.161M	81.6M	77.061M	81.2M	76.862M	81.7M	76.862M
5530MHz	Pass	Inf	81.8M	77.161M	81.3M	77.061M	81.3M	77.061M	81.5M	77.061M
5610MHz	Pass	Inf	86.2M	77.261M	81.2M	77.161M	81.4M	77.161M	81.4M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.05M	73.313M	75.525M	73.238M	75.6M	73.388M	87.525M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	27.046M	3.86M	22.429M	3.74M	23.328M	3.64M	26.827M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.161M	80.88M	77.241M	80.88M	77.081M	80.88M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.36M	77.081M	81.6M	77.081M	80.8M	77.081M	81.44M	77.081M
5570MHz	Pass	Inf	165.2M	155.322M	164.2M	155.122M	163.4M	155.322M	163.6M	155.522M

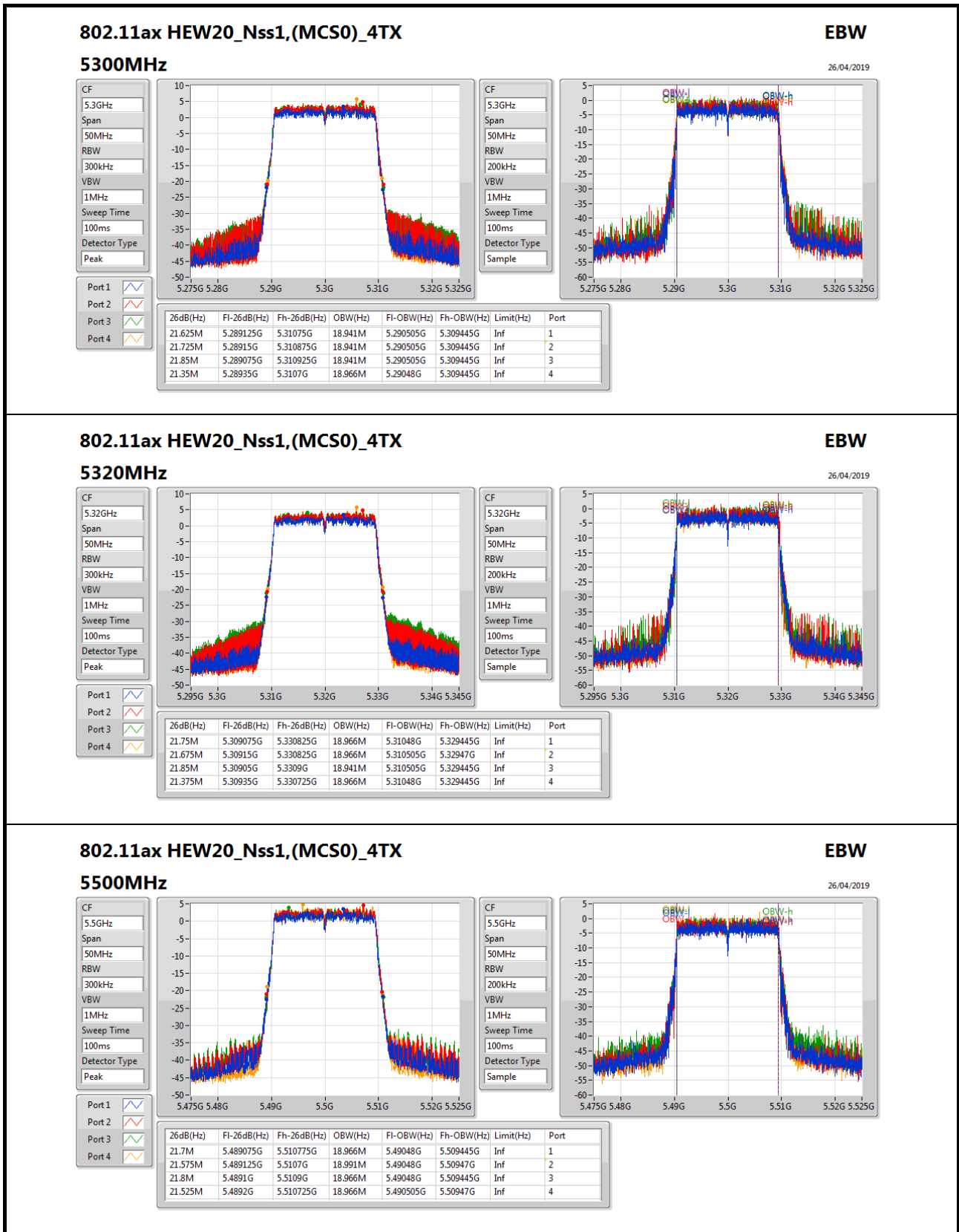
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

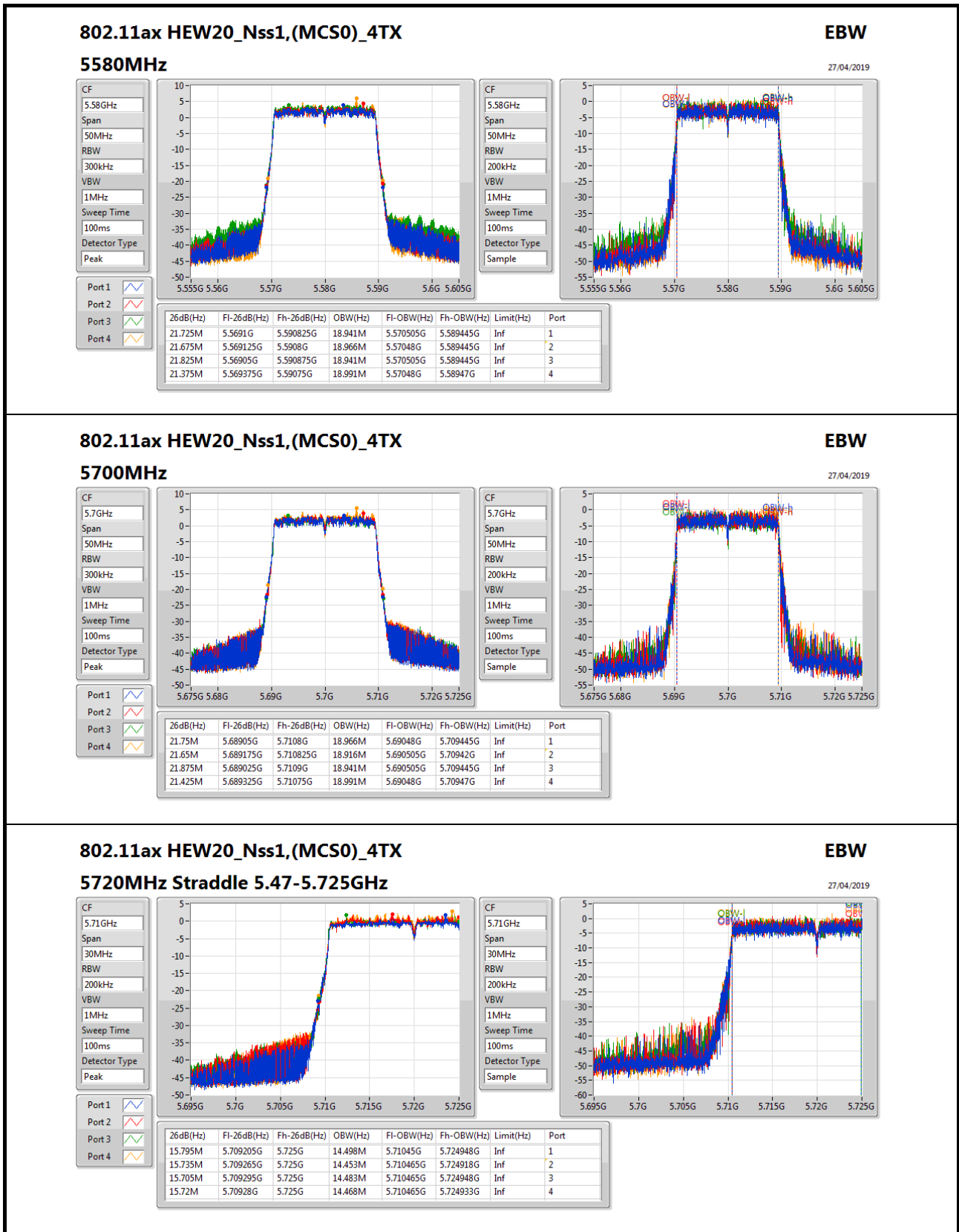
Port X-OBW = Port X 99% occupied bandwidth;

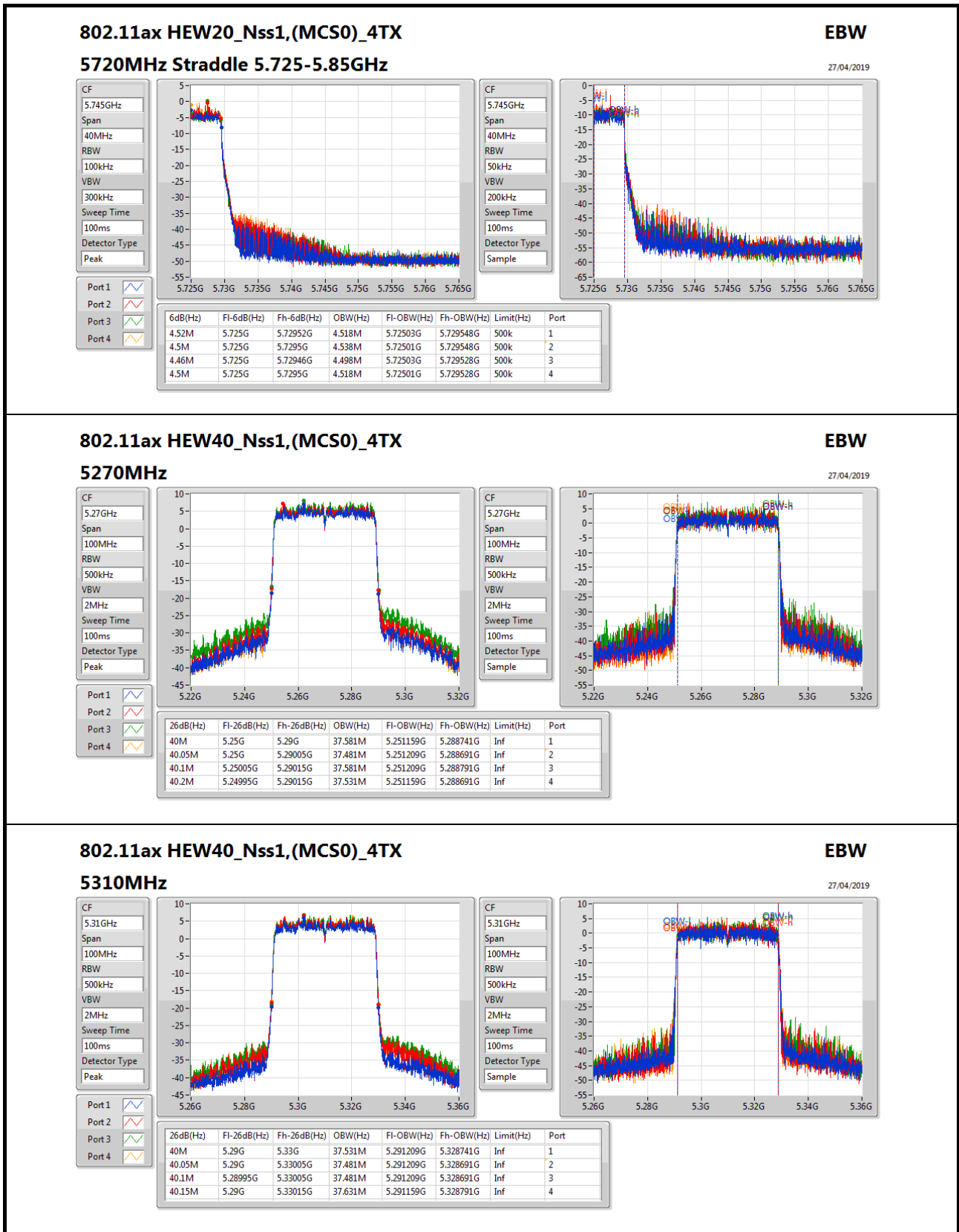


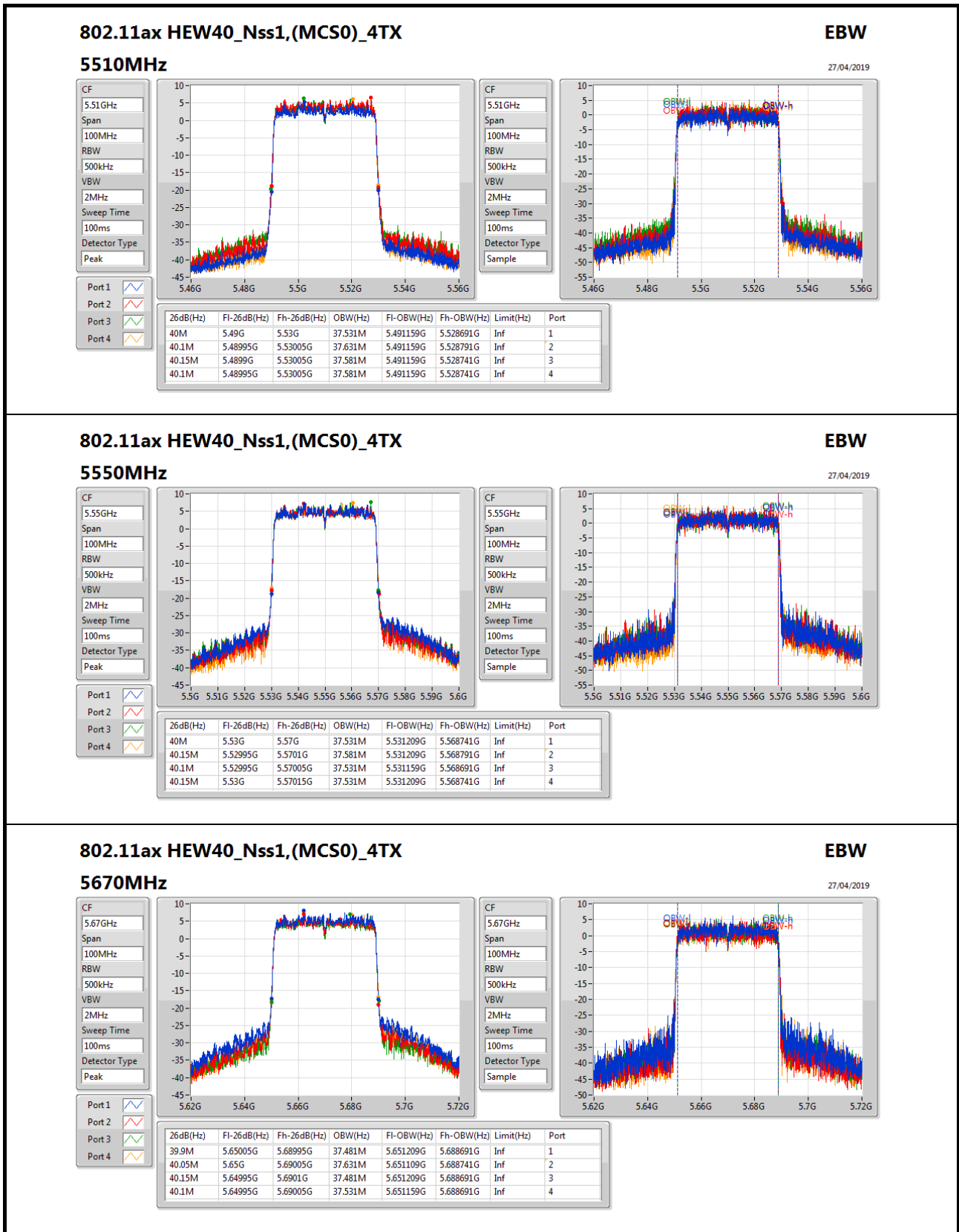


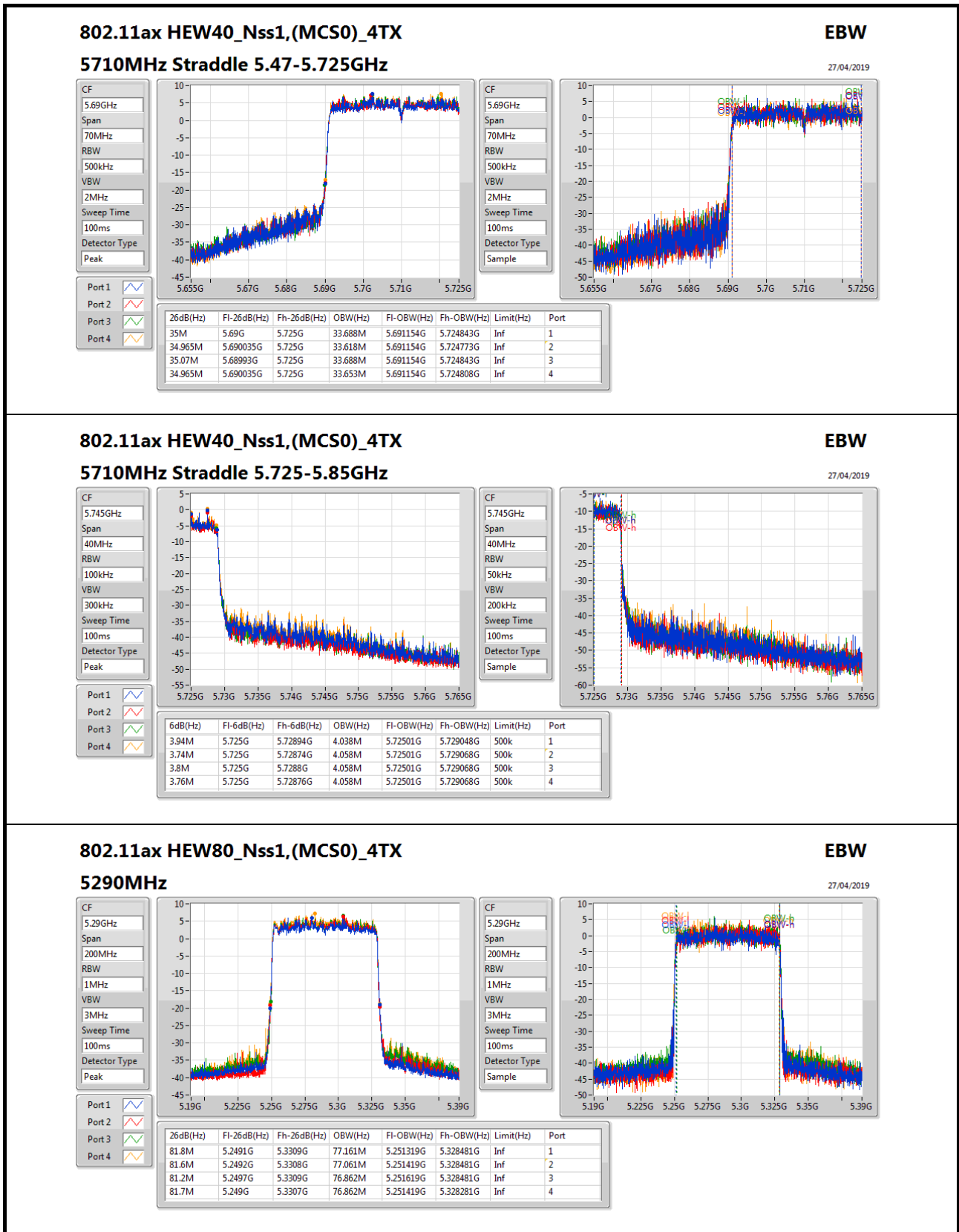


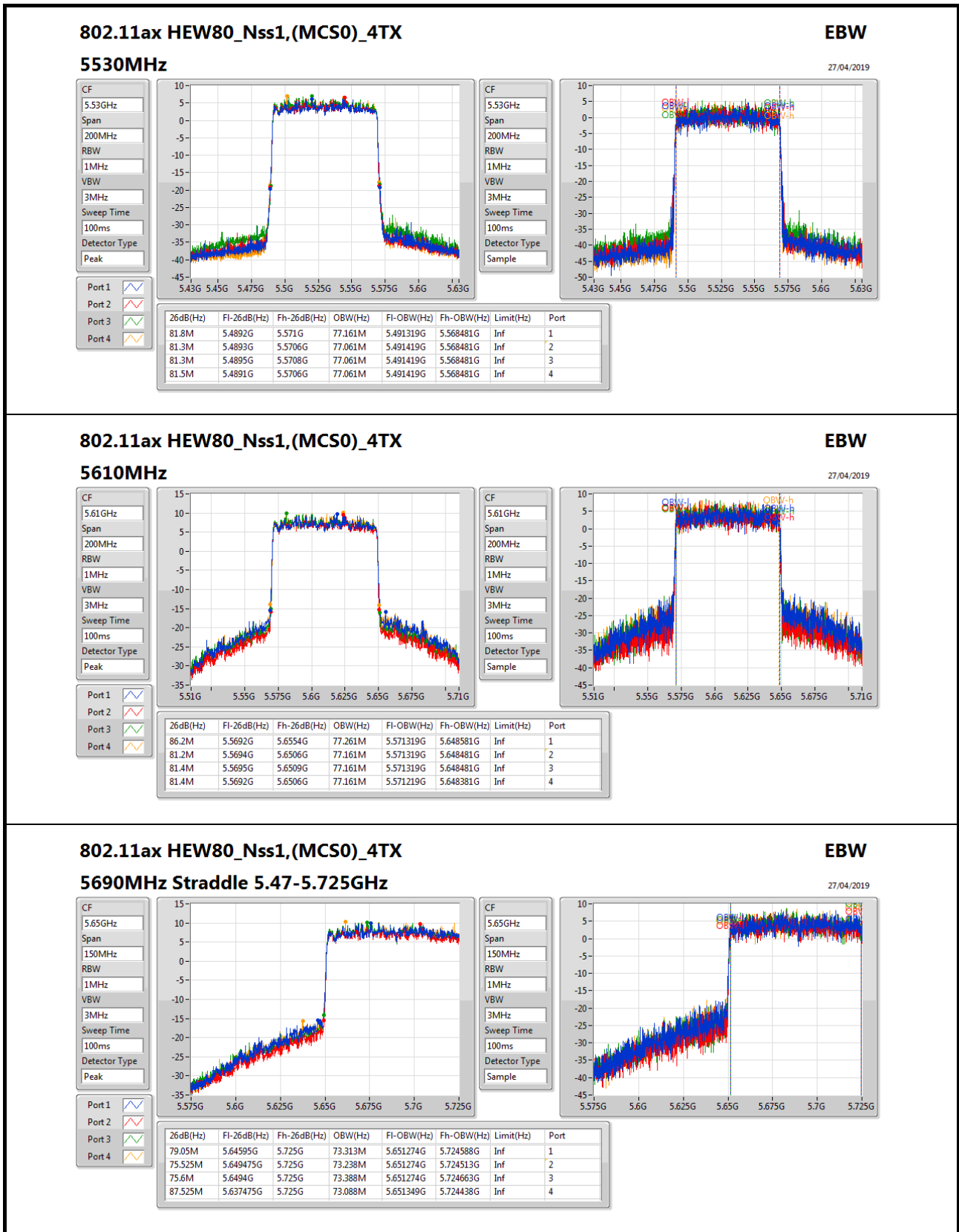


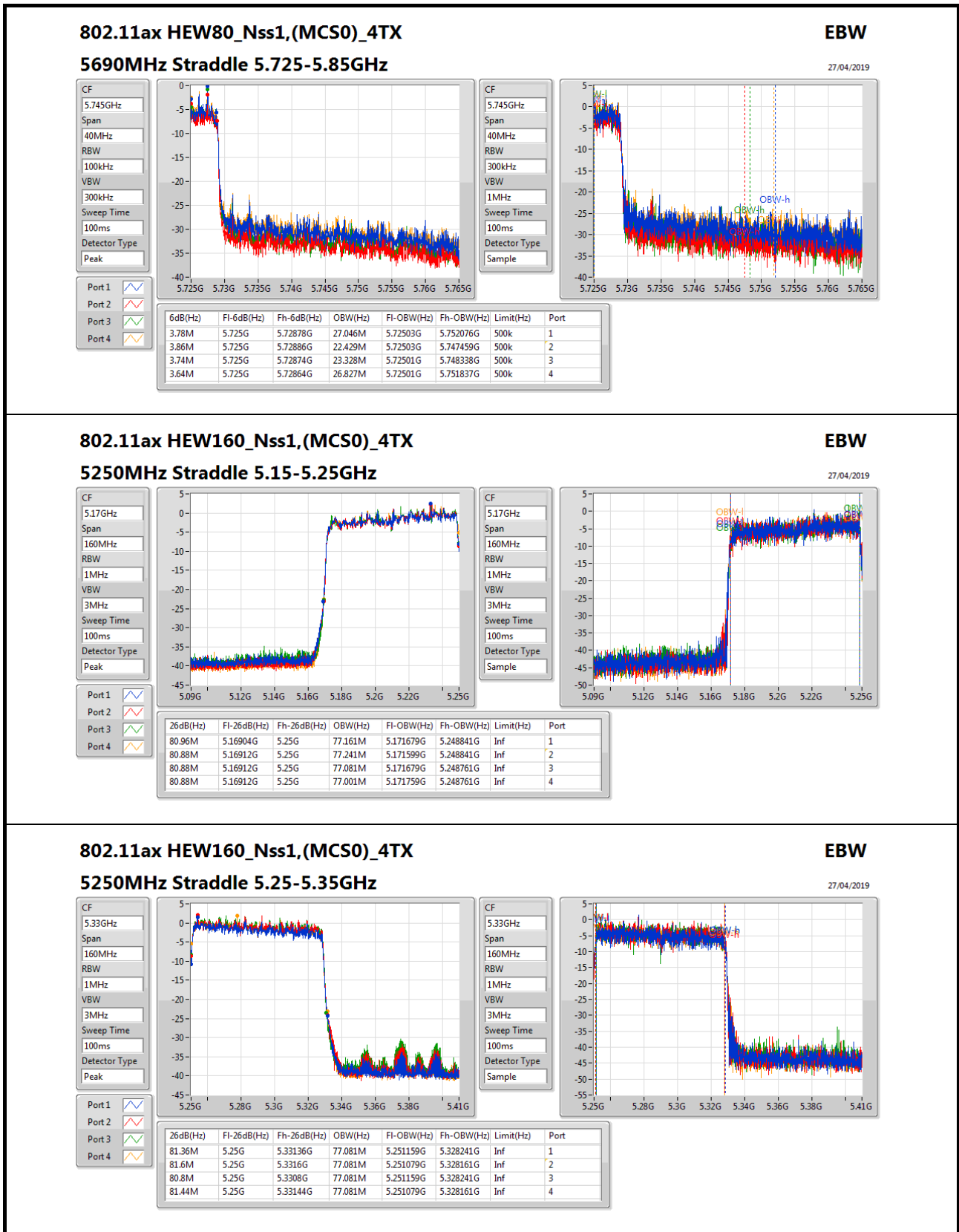


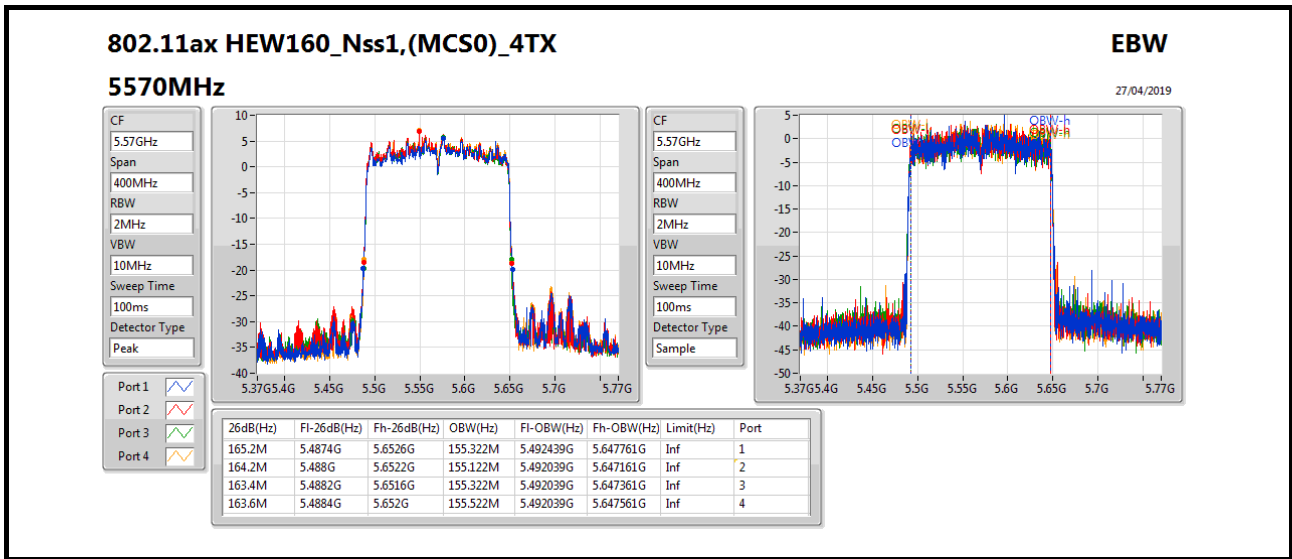














**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.28M	77.241M	77M2D1D	80.8M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.775M	18.991M	19M0D1D	21.375M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.581M	37M6D1D	40M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.9M	77.161M	77M2D1D	81.3M	76.962M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.08M	77.161M	77M2D1D	81.2M	76.842M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.925M	18.991M	19M0D1D	15.675M	14.468M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.25M	37.631M	37M6D1D	35M	33.653M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82M	77.161M	77M2D1D	75.6M	73.163M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165M	155.722M	156MD1D	164M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.48M	4.538M	4M54D1D	4.46M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.86M	4.038M	4M04D1D	3.72M	4.018M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.86M	4.078M	4M08D1D	3.68M	4.018M

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;

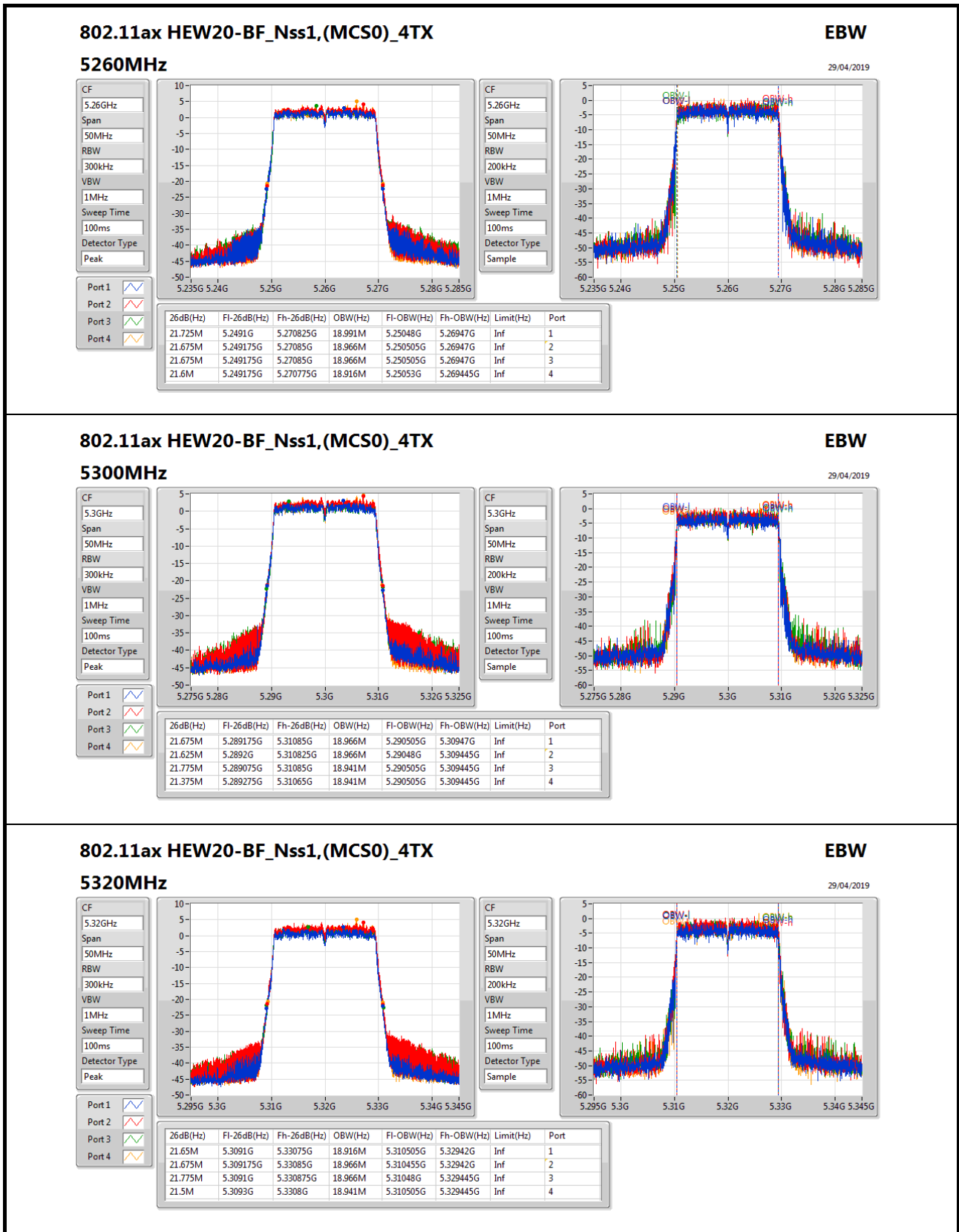
Min-OBW = Minimum 99% occupied bandwidth;

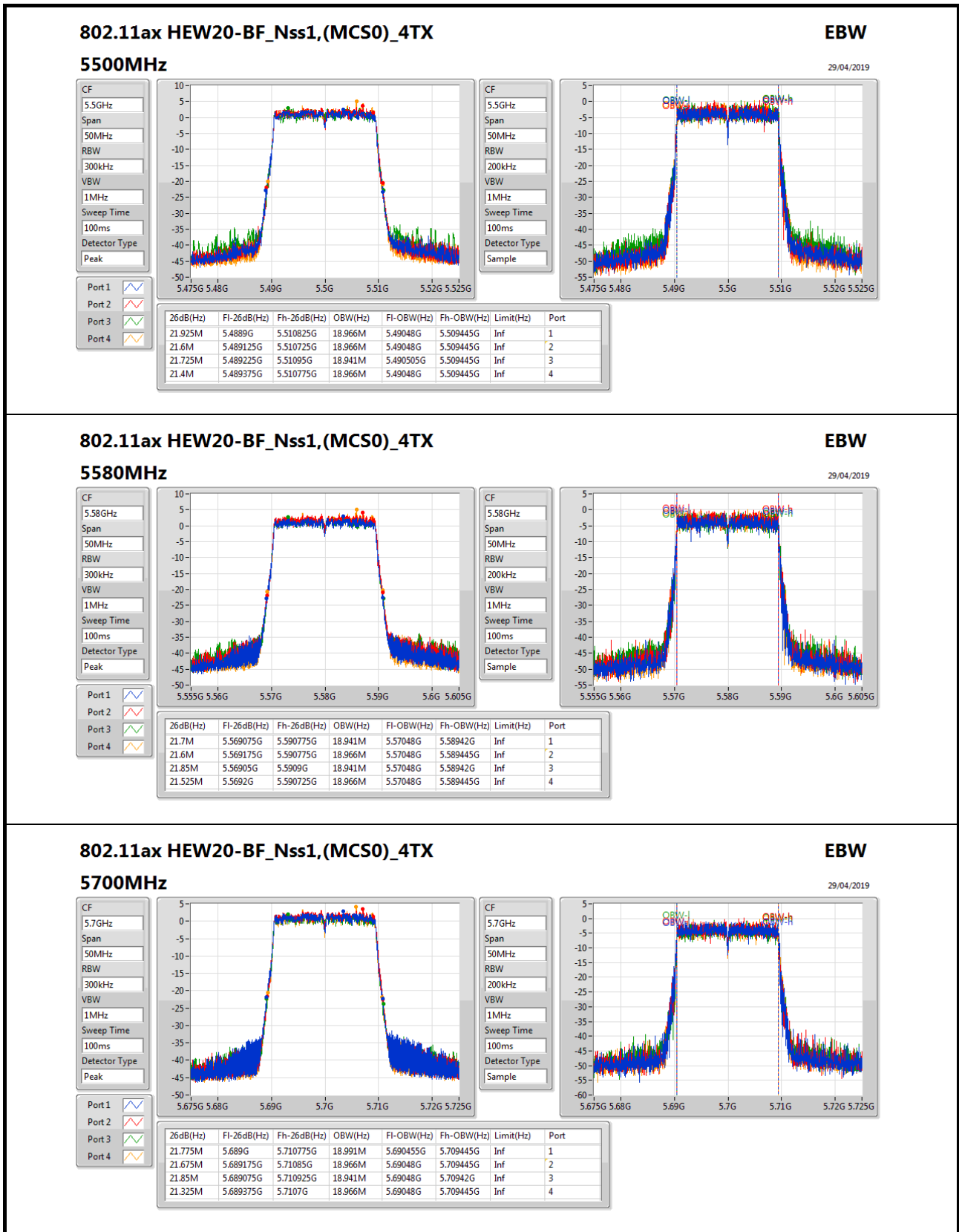
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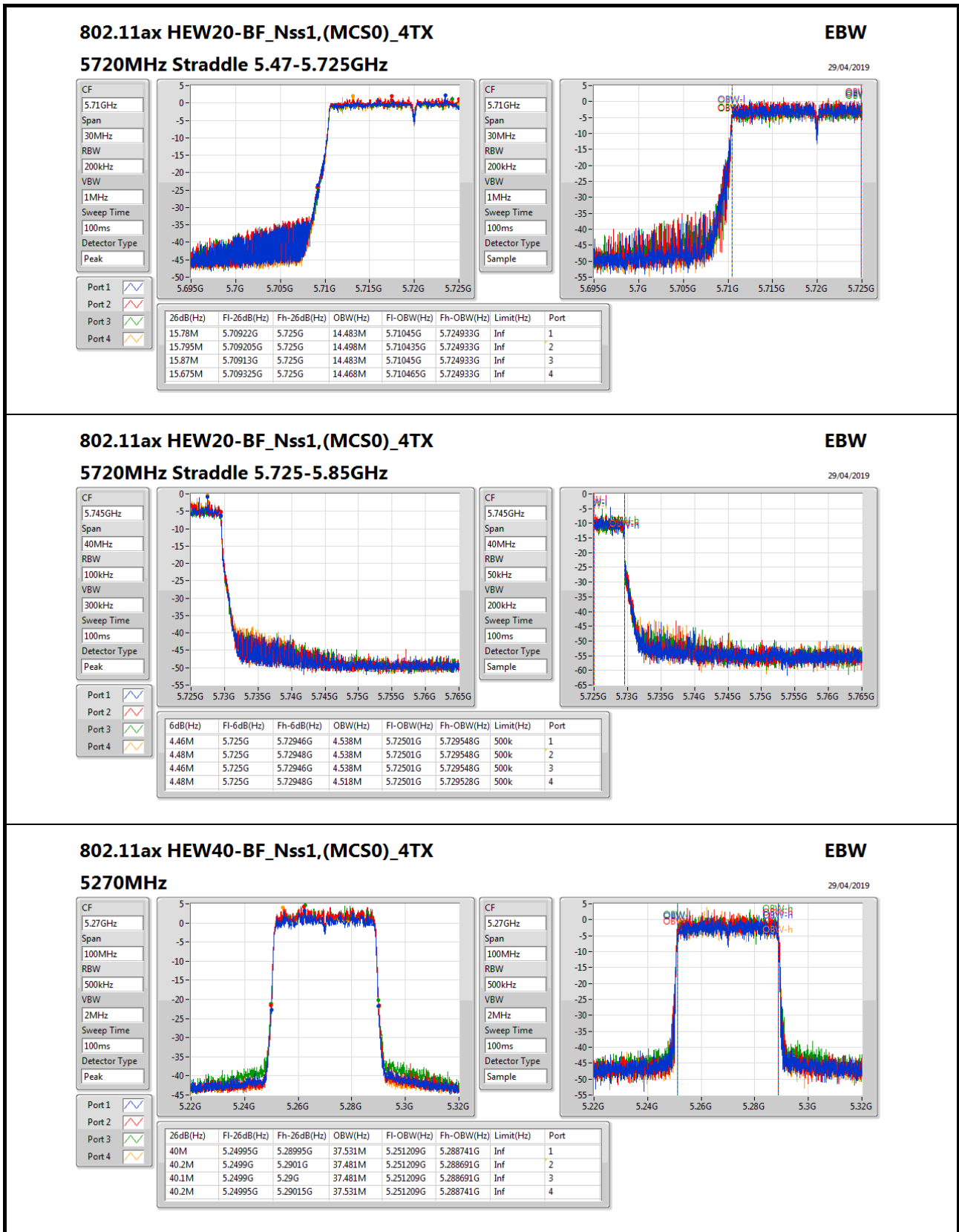
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.725M	18.991M	21.675M	18.966M	21.675M	18.966M	21.6M	18.916M
5300MHz	Pass	Inf	21.675M	18.966M	21.625M	18.966M	21.775M	18.941M	21.375M	18.941M
5320MHz	Pass	Inf	21.65M	18.916M	21.675M	18.966M	21.775M	18.966M	21.5M	18.941M
5500MHz	Pass	Inf	21.925M	18.966M	21.6M	18.966M	21.725M	18.941M	21.4M	18.966M
5580MHz	Pass	Inf	21.7M	18.941M	21.6M	18.966M	21.85M	18.941M	21.525M	18.966M
5700MHz	Pass	Inf	21.775M	18.991M	21.675M	18.966M	21.85M	18.941M	21.325M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	14.483M	15.795M	14.498M	15.87M	14.483M	15.675M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.538M	4.48M	4.538M	4.46M	4.538M	4.48M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40M	37.531M	40.2M	37.481M	40.1M	37.481M	40.2M	37.531M
5310MHz	Pass	Inf	40.05M	37.581M	40.1M	37.531M	40.2M	37.481M	40.15M	37.531M
5510MHz	Pass	Inf	40M	37.581M	40.15M	37.631M	40.25M	37.531M	40.05M	37.531M
5550MHz	Pass	Inf	39.9M	37.481M	40.1M	37.431M	40.15M	37.531M	40.15M	37.581M
5670MHz	Pass	Inf	40M	37.631M	40.1M	37.531M	40.25M	37.581M	40.1M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	33.723M	35.105M	33.653M	35.035M	33.653M	35.07M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.038M	3.76M	4.018M	3.76M	4.038M	3.86M	4.018M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.7M	77.161M	81.3M	77.061M	81.3M	76.962M	81.9M	76.962M
5530MHz	Pass	Inf	81.6M	76.962M	81.2M	77.161M	81.3M	77.061M	81.8M	77.061M
5610MHz	Pass	Inf	81.7M	77.061M	81.4M	77.061M	81.3M	77.061M	82M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.75M	73.313M	75.675M	73.313M	75.6M	73.238M	75.9M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.058M	3.68M	4.018M	3.74M	4.078M	3.86M	4.038M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.241M	81.04M	77.161M	80.8M	77.081M	81.12M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.2M	76.842M	81.44M	77.081M	82.08M	77.001M	81.2M	77.161M
5570MHz	Pass	Inf	164.4M	155.522M	164M	154.923M	164.8M	154.923M	165M	155.722M

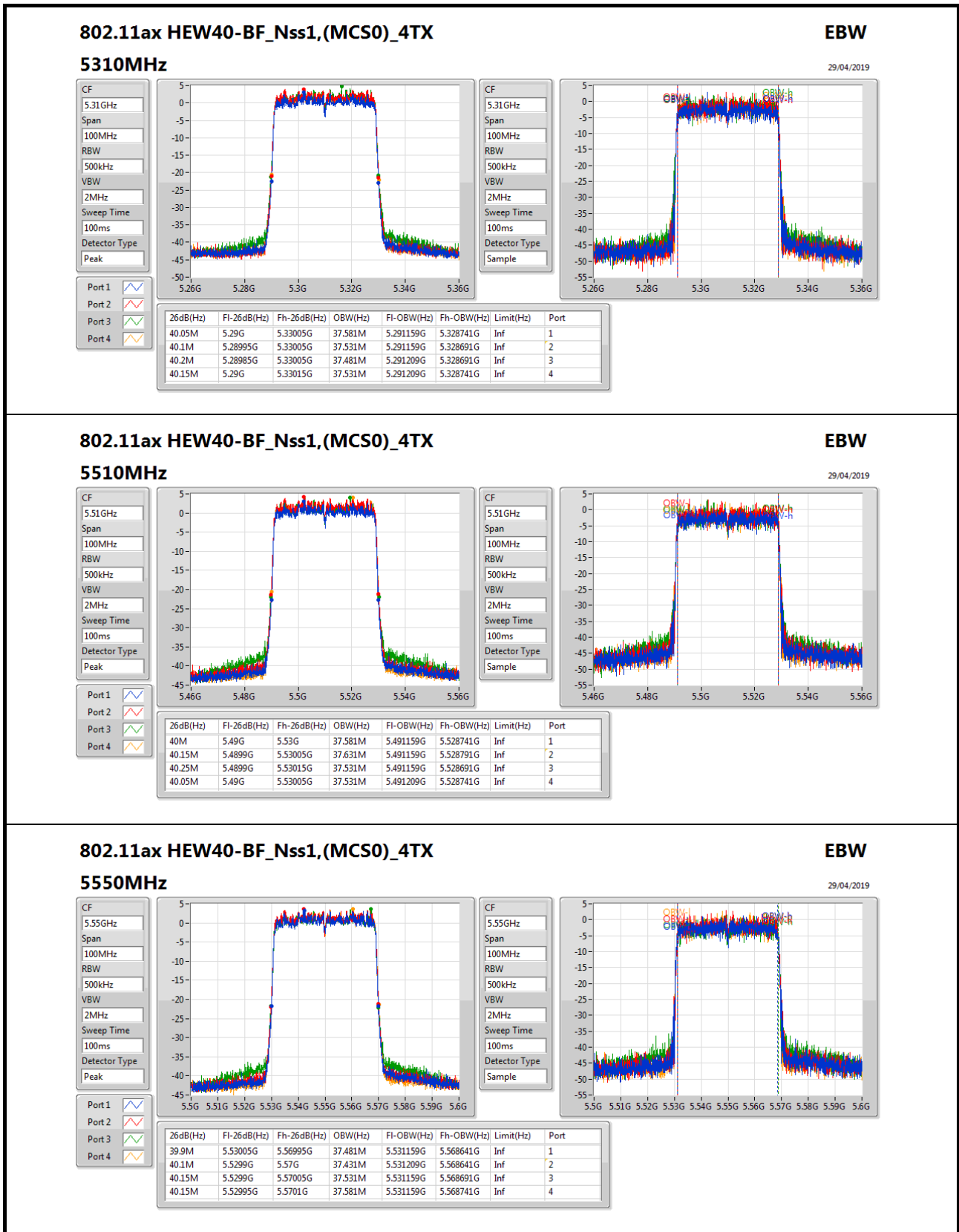
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

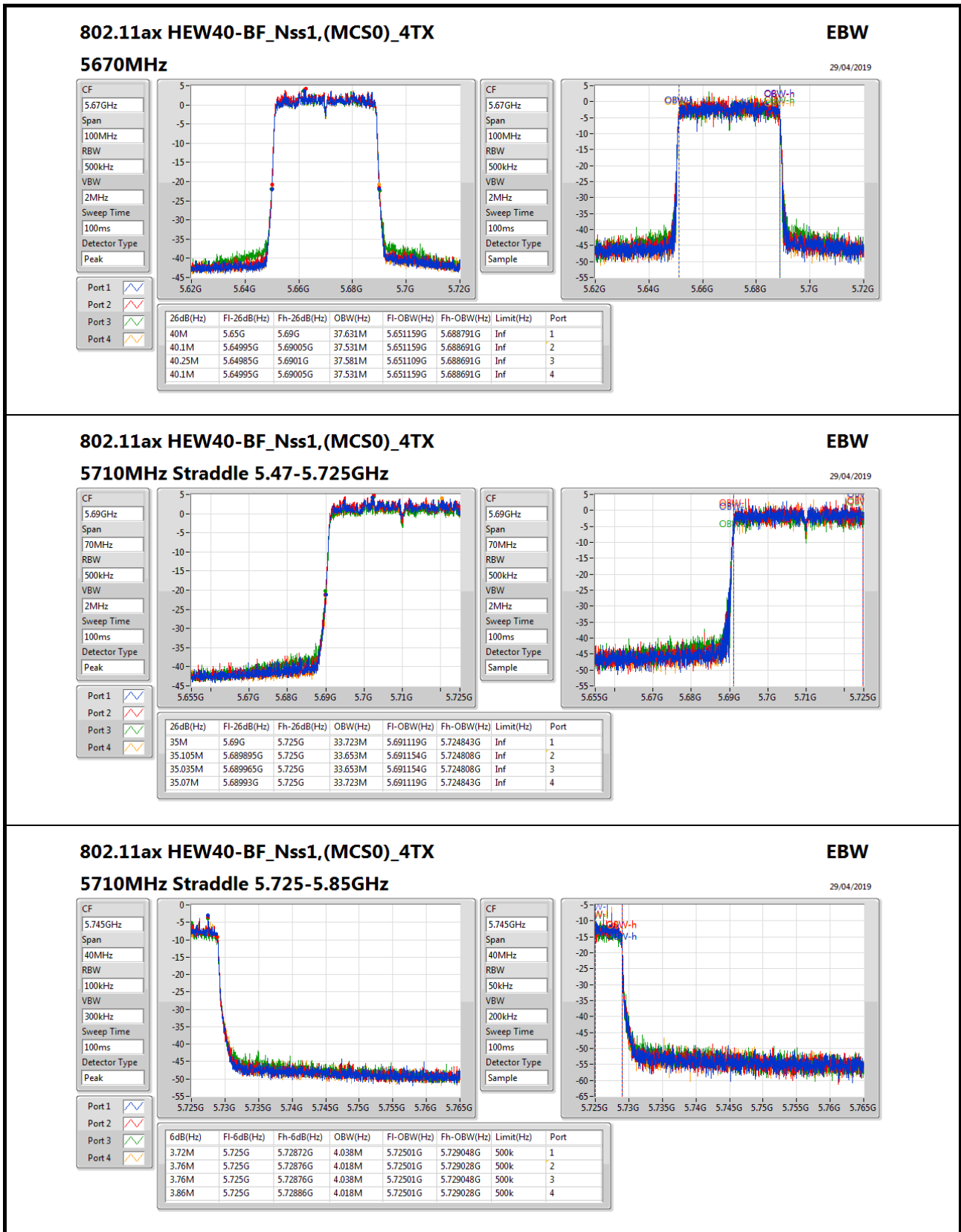
Port X-OBW = Port X 99% occupied bandwidth;

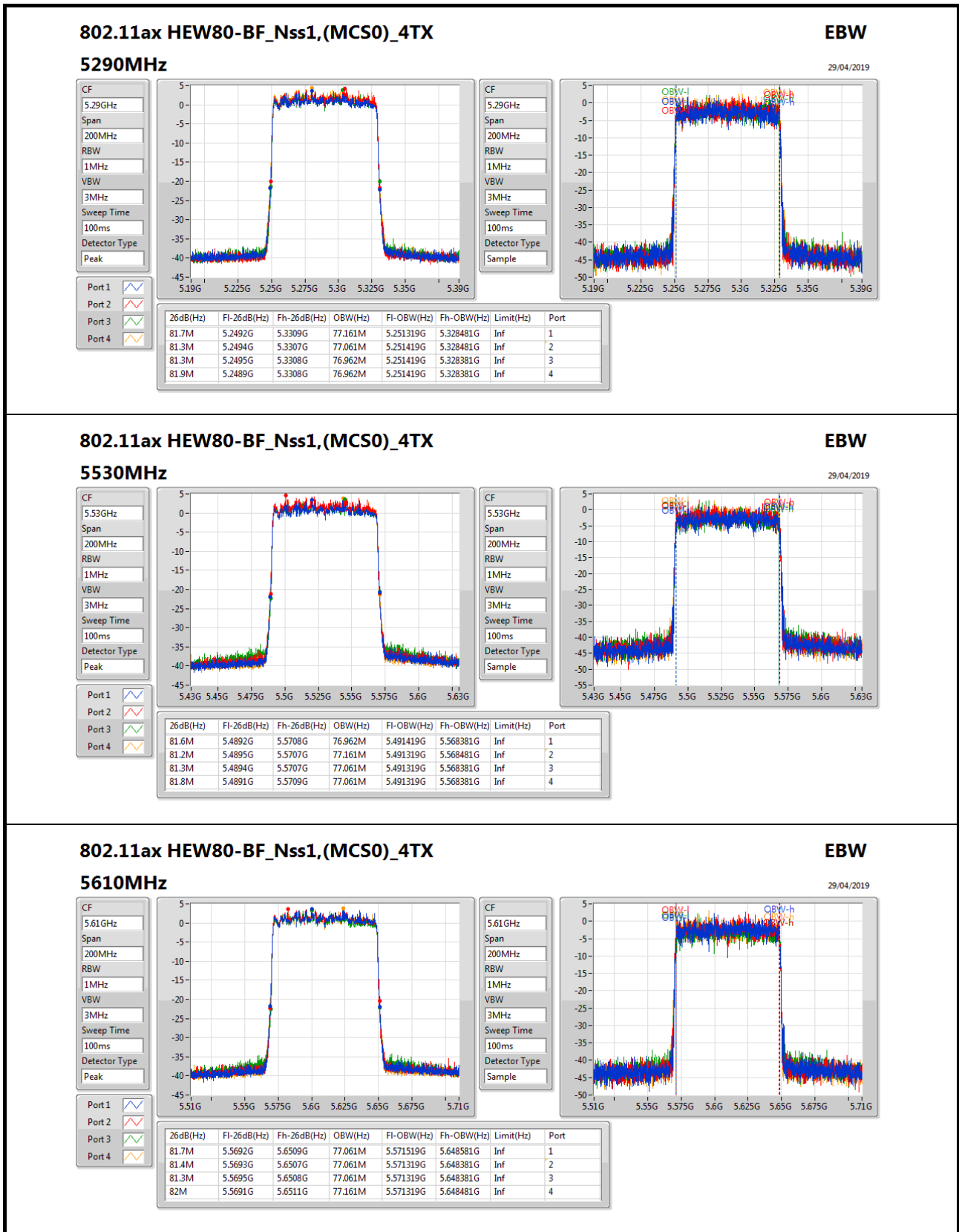


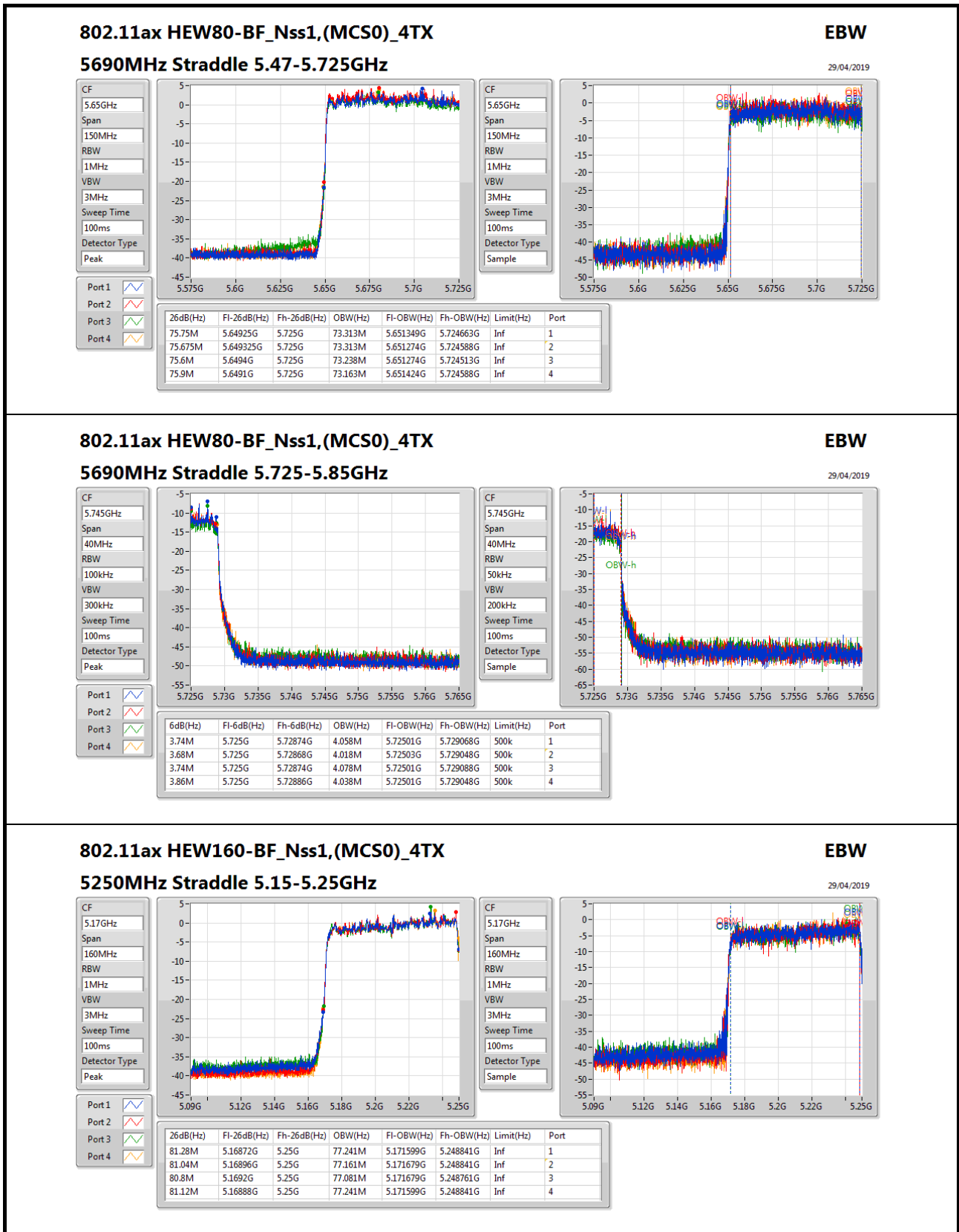


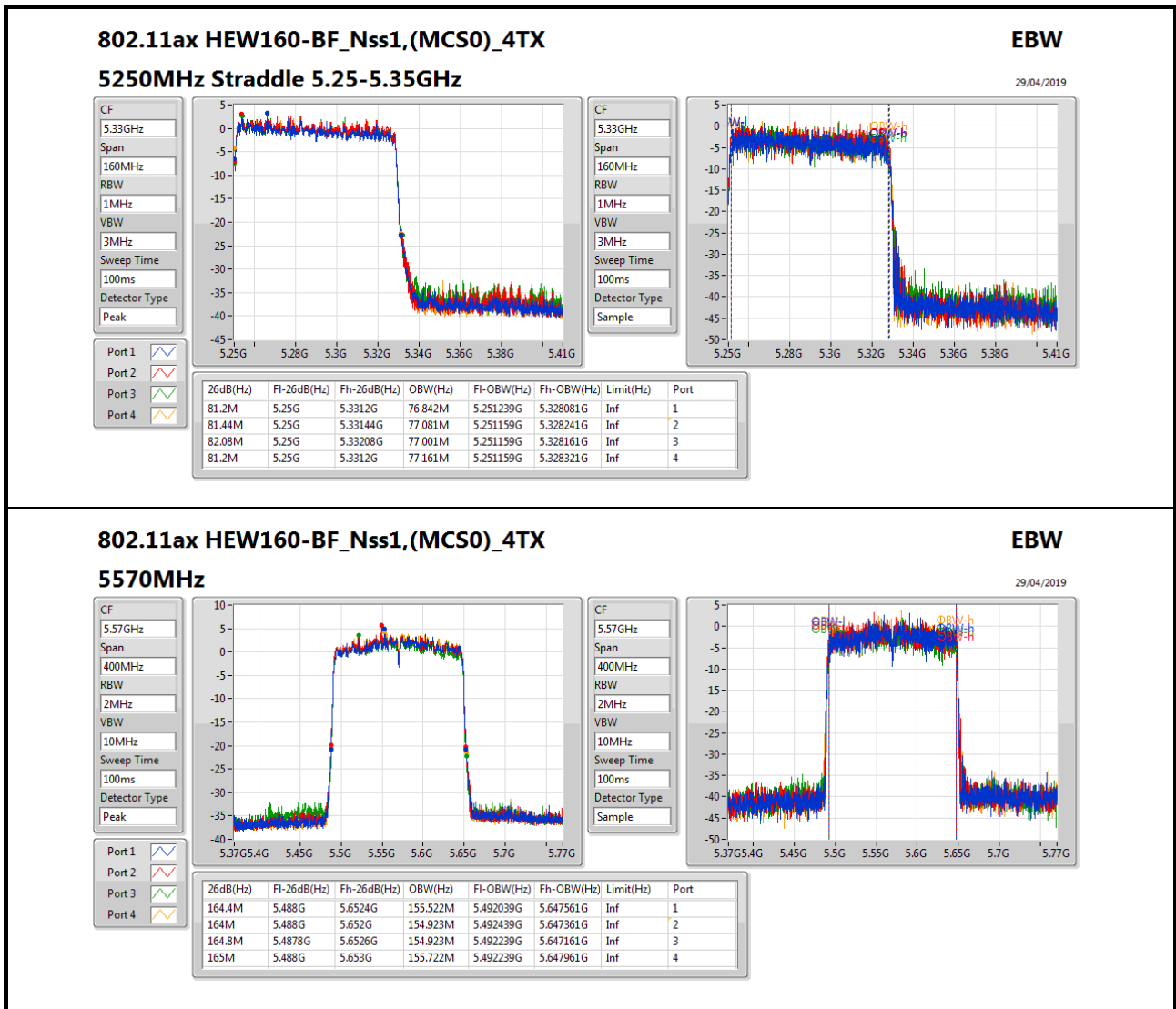














**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	81.44M	77.161M	77M2D1D	80.4M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.05M	18.991M	19M0D1D	21.425M	18.916M
802.11ax HEW40_Nss4,(MCS0)_4TX	49.9M	37.681M	37M7D1D	40M	37.531M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.1M	77.061M	77M1D1D	81.4M	76.962M
802.11ax HEW160_Nss4,(MCS0)_4TX	83.28M	77.161M	77M2D1D	81.2M	76.842M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.475M	19.015M	19M0D1D	16.035M	14.498M
802.11ax HEW40_Nss4,(MCS0)_4TX	49.7M	37.731M	37M7D1D	40M	33.688M
802.11ax HEW80_Nss4,(MCS0)_4TX	90.225M	77.261M	77M3D1D	75.975M	72.939M
802.11ax HEW160_Nss4,(MCS0)_4TX	166.6M	155.722M	156MD1D	163.4M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	4.46M	5.577M	5M58D1D	4.42M	4.638M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.9M	16.492M	16M5D1D	3.78M	11.954M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.94M	24.948M	24M9D1D	3.28M	18.031M

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;

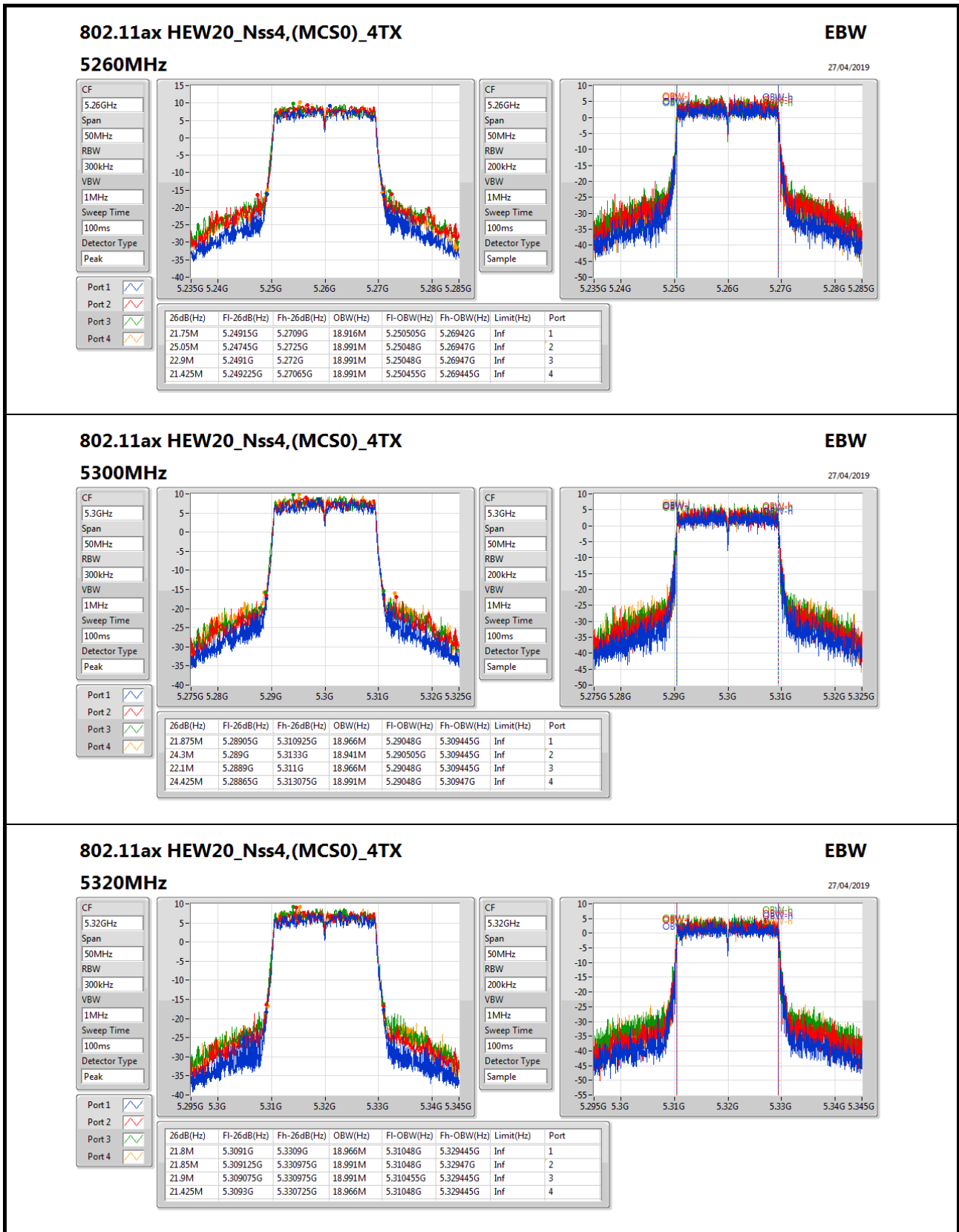


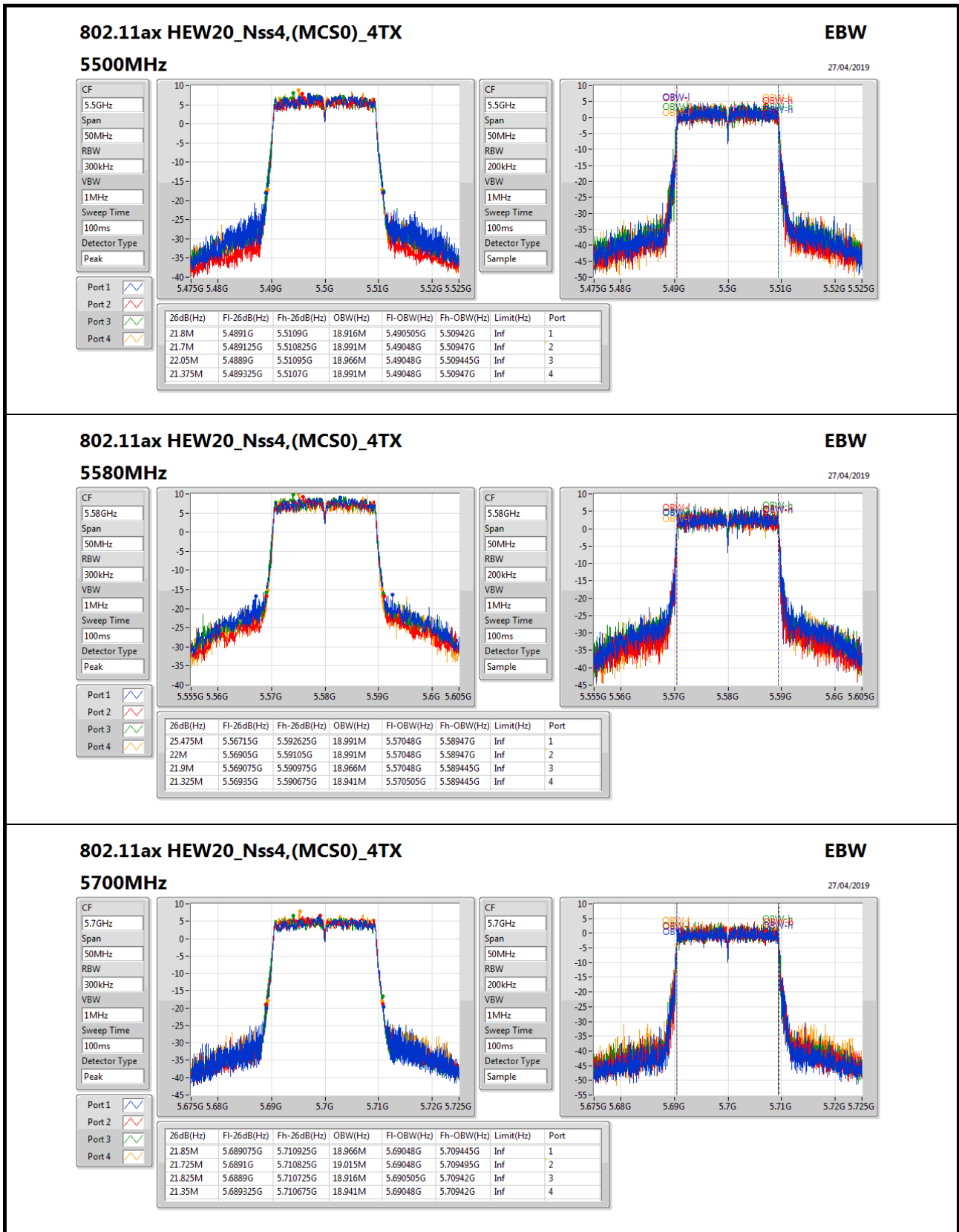
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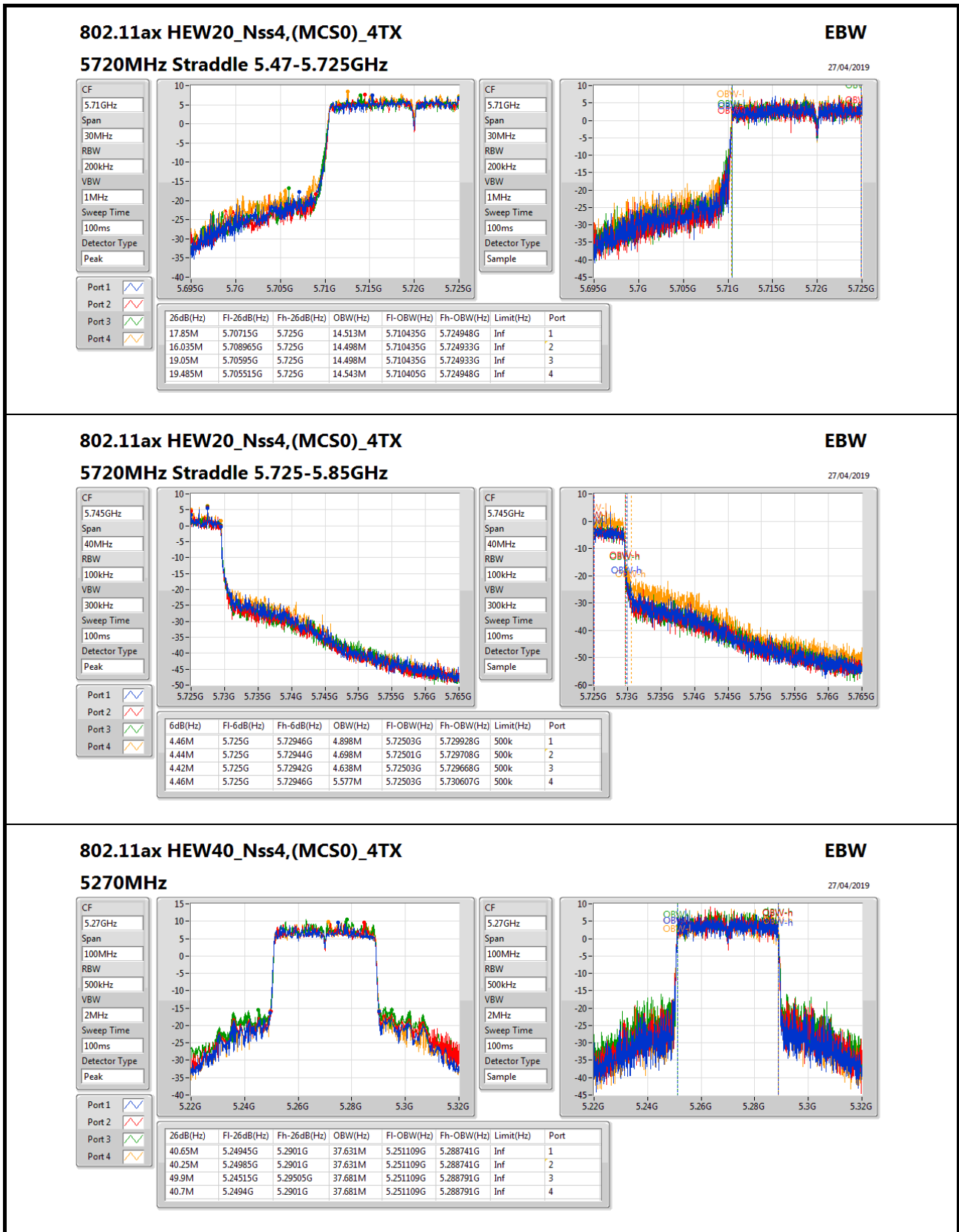
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.75M	18.916M	25.05M	18.991M	22.9M	18.991M	21.425M	18.991M
5300MHz	Pass	Inf	21.875M	18.966M	24.3M	18.941M	22.1M	18.966M	24.425M	18.991M
5320MHz	Pass	Inf	21.8M	18.966M	21.85M	18.991M	21.9M	18.991M	21.425M	18.966M
5500MHz	Pass	Inf	21.8M	18.916M	21.7M	18.991M	22.05M	18.966M	21.375M	18.991M
5580MHz	Pass	Inf	25.475M	18.991M	22M	18.991M	21.9M	18.966M	21.325M	18.941M
5700MHz	Pass	Inf	21.85M	18.966M	21.725M	19.015M	21.825M	18.916M	21.35M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.85M	14.513M	16.035M	14.498M	19.05M	14.498M	19.485M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.898M	4.44M	4.698M	4.42M	4.638M	4.46M	5.577M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.65M	37.631M	40.25M	37.631M	49.9M	37.681M	40.7M	37.681M
5310MHz	Pass	Inf	40.25M	37.531M	40M	37.531M	40.1M	37.531M	40.2M	37.581M
5510MHz	Pass	Inf	40.4M	37.531M	40.05M	37.531M	40M	37.381M	40.2M	37.581M
5550MHz	Pass	Inf	42.8M	37.681M	40.3M	37.581M	40.5M	37.631M	40.85M	37.731M
5670MHz	Pass	Inf	40.15M	37.581M	40.15M	37.531M	40.05M	37.481M	40.15M	37.681M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	49.49M	33.758M	49.63M	33.758M	49.49M	33.688M	49.7M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	16.492M	3.88M	13.673M	3.78M	11.954M	3.9M	15.972M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.4M	76.962M	81.8M	77.061M	81.8M	76.962M	82.1M	77.061M
5530MHz	Pass	Inf	81.6M	77.161M	81.8M	77.061M	81.8M	76.962M	82M	77.261M
5610MHz	Pass	Inf	81.7M	77.161M	81.7M	77.061M	81.7M	77.061M	81.9M	76.962M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.25M	73.238M	75.975M	72.939M	76.05M	73.088M	90.225M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	24.948M	3.74M	19.07M	3.94M	18.031M	3.28M	23.408M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.12M	77.081M	81.44M	77.161M	80.4M	77.081M	80.8M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.28M	77.161M	82.24M	77.161M	81.2M	76.842M	81.36M	77.161M
5570MHz	Pass	Inf	166.6M	155.122M	164.6M	155.722M	163.4M	154.923M	164.6M	154.923M

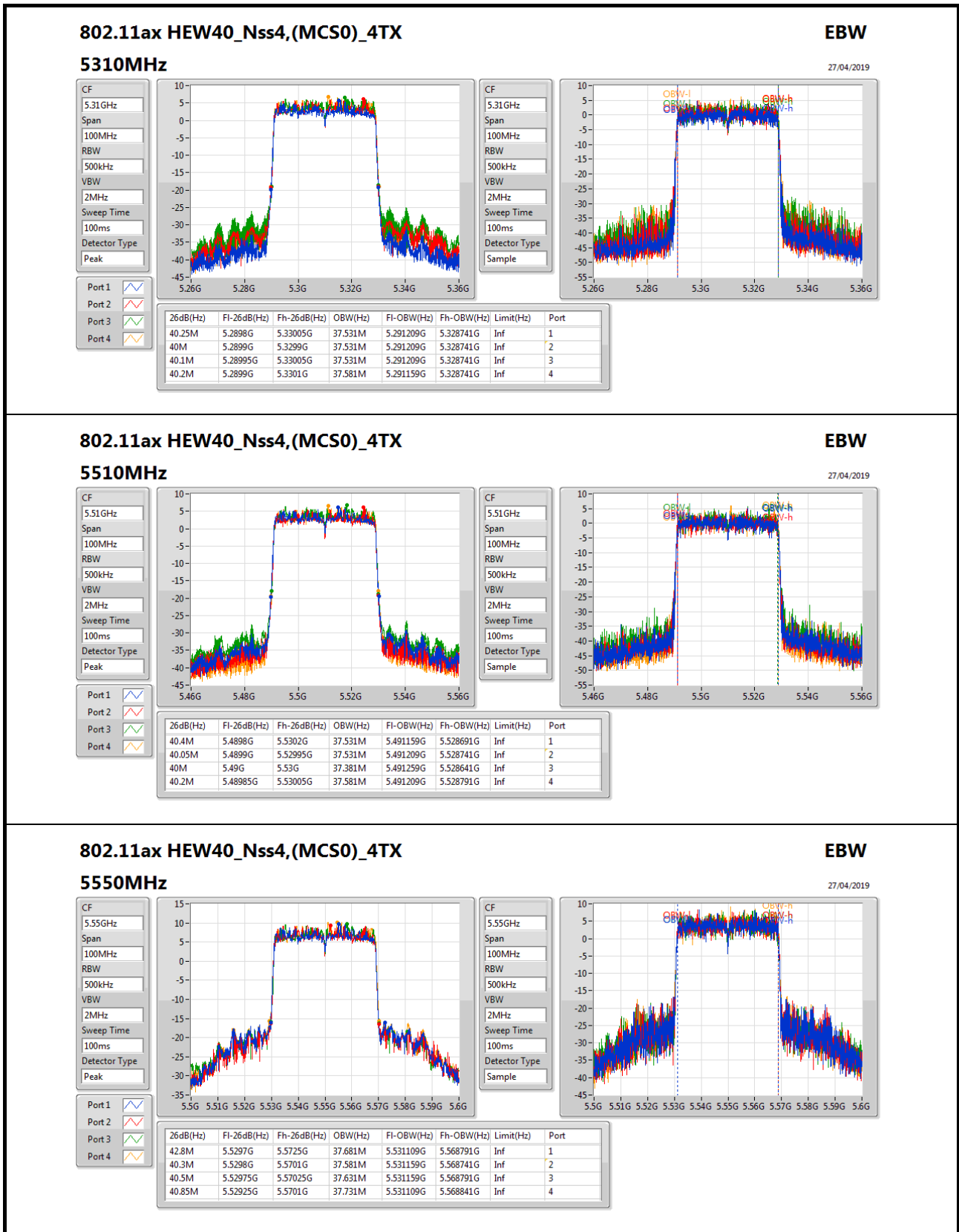
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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



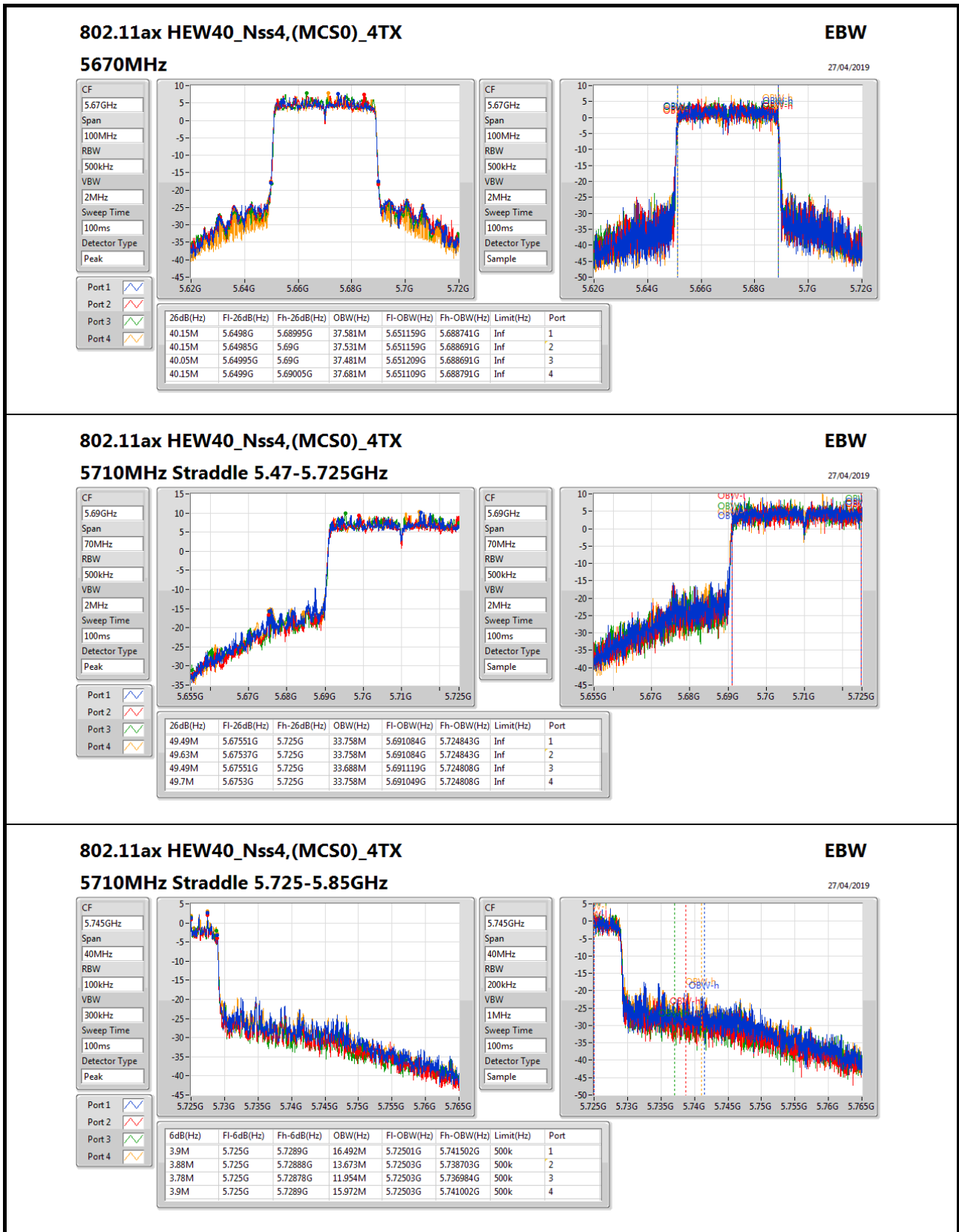


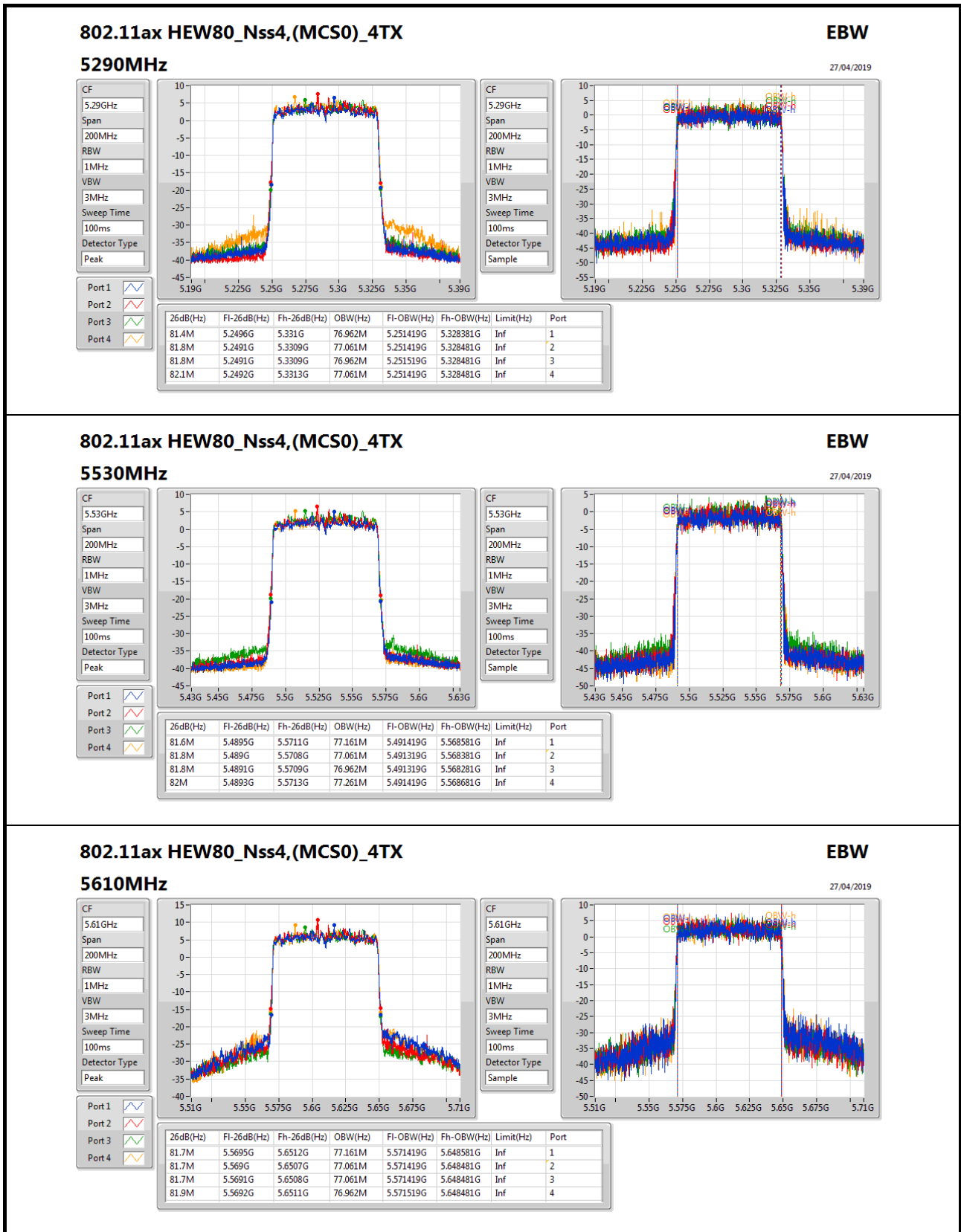


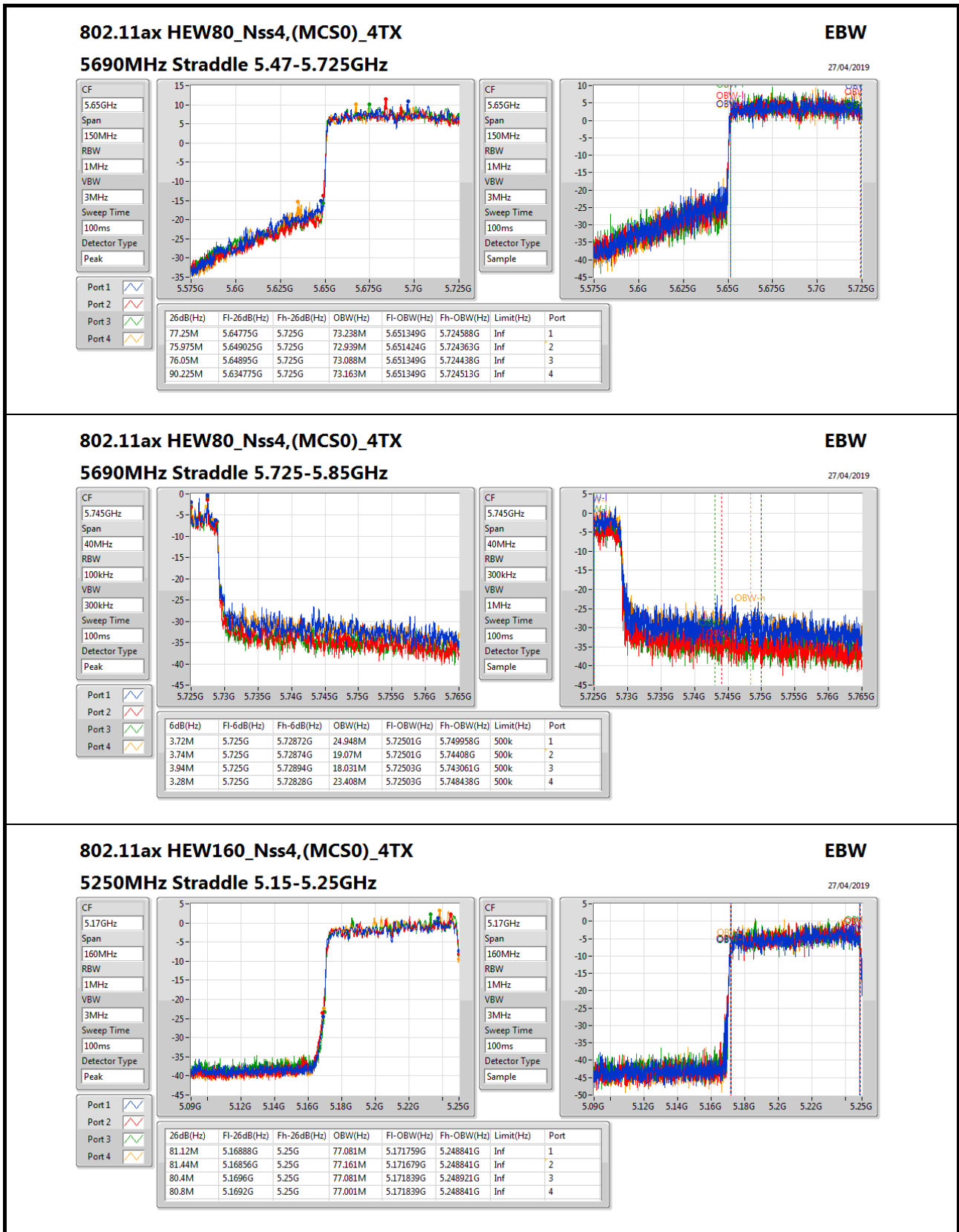

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5550MHz
27/04/2019

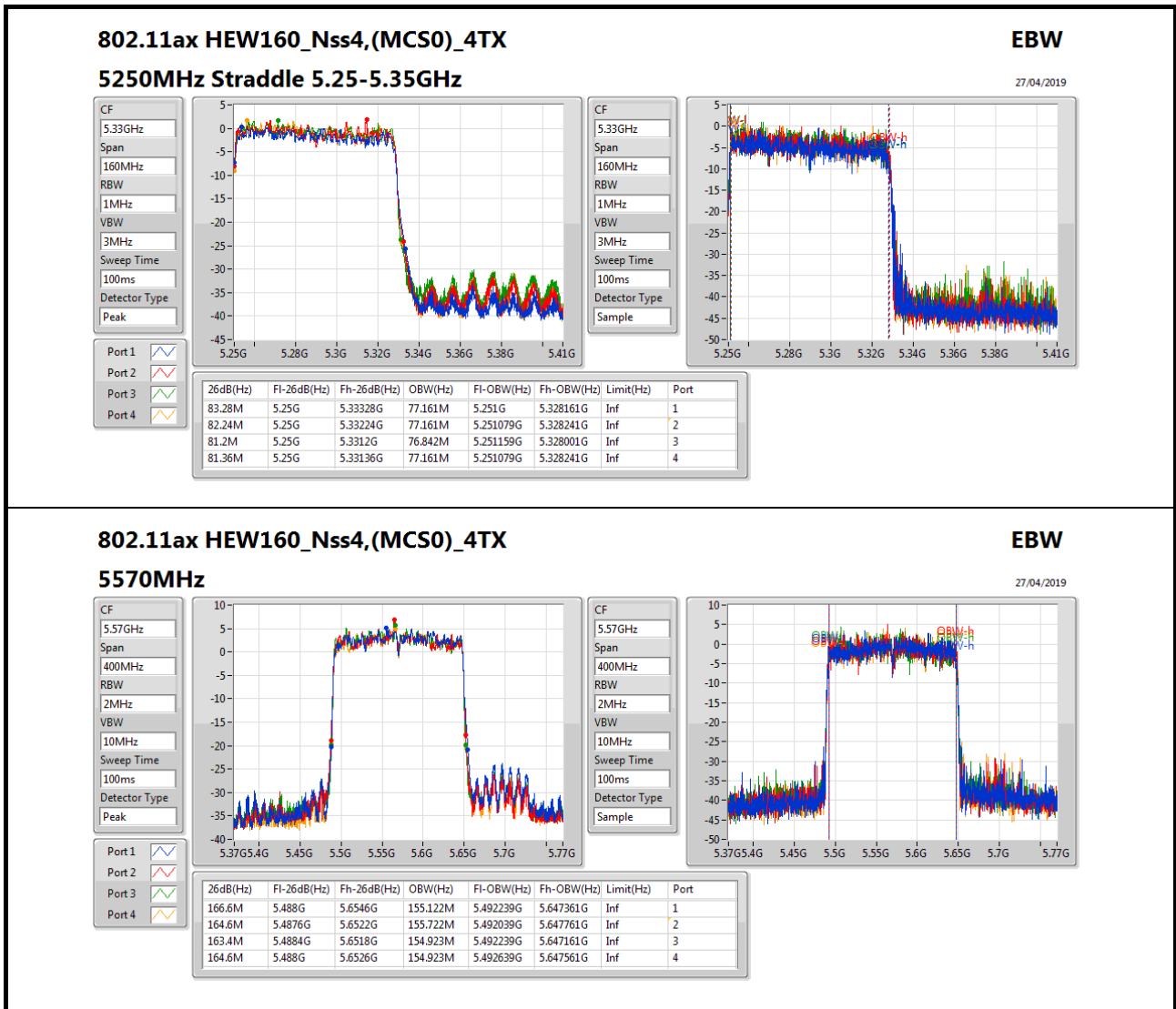
CF: 5.55GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
Sweep Time: 100ms
Detector Type: Peak

CF: 5.55GHz
Span: 100MHz
RBW: 500kHz
VBW: 2MHz
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 HEW160_Nss1,(MCS0)_1TX	80.8M	77.081M	77M1D1D	80.8M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	81.44M	77.321M	77M3D1D	81.44M	77.321M

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)
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.44M	77.321M

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

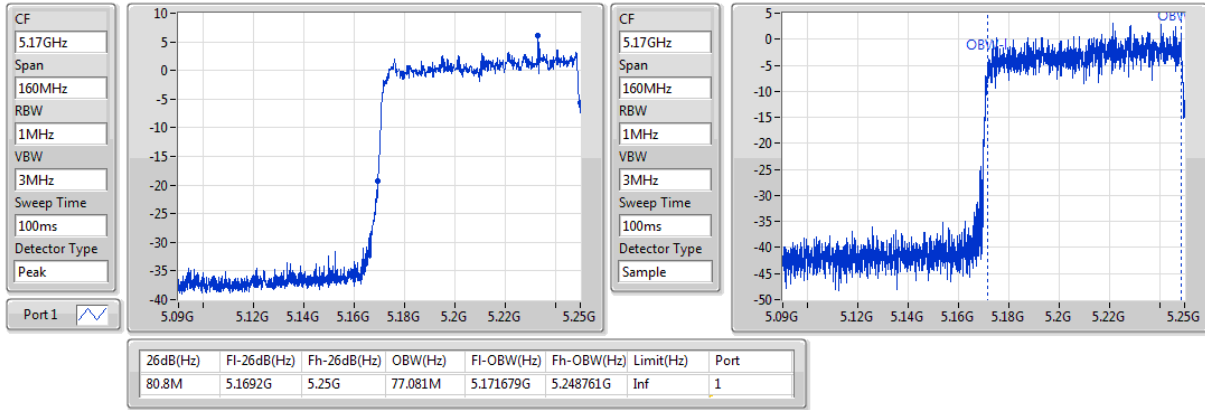
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

29/04/2019

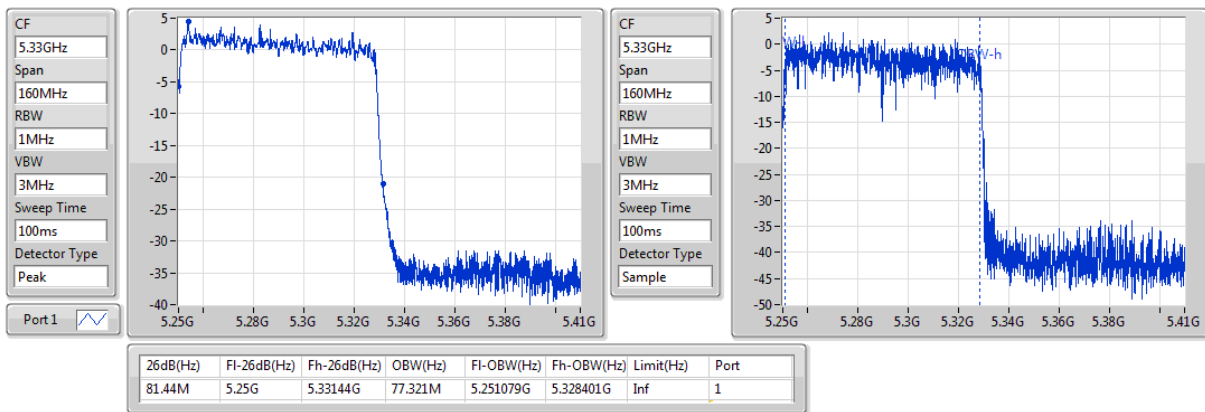


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

29/04/2019





**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	-	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	81.92M	77.241M	77M2D1D	81.44M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	81.28M	77.161M	77M2D1D	80.96M	77.081M

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 HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.44M	77.241M	81.92M	77.161M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.28M	77.081M	80.96M	77.161M

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

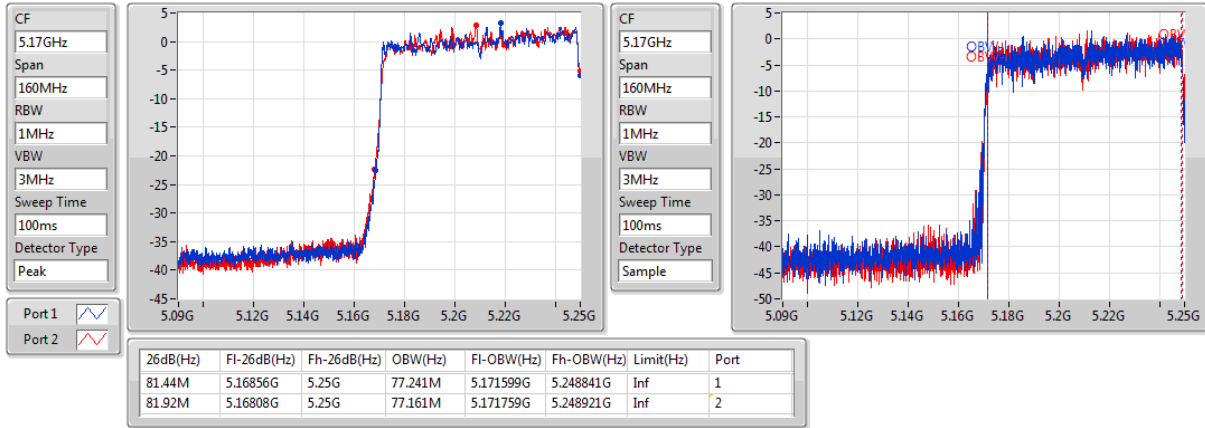
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/04/2019

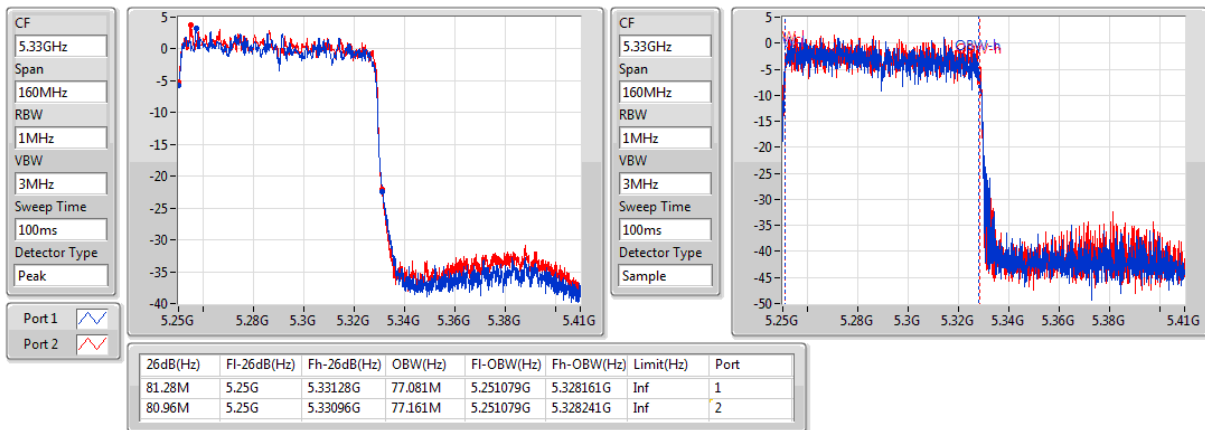


802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/04/2019





**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	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	80.96M	77.241M	77M2D1D	80.88M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	81.6M	77.081M	77M1D1D	80.8M	77.081M

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 HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.161M	80.88M	77.241M	80.88M	77.081M	80.88M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.36M	77.081M	81.6M	77.081M	80.8M	77.081M	81.44M	77.081M

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

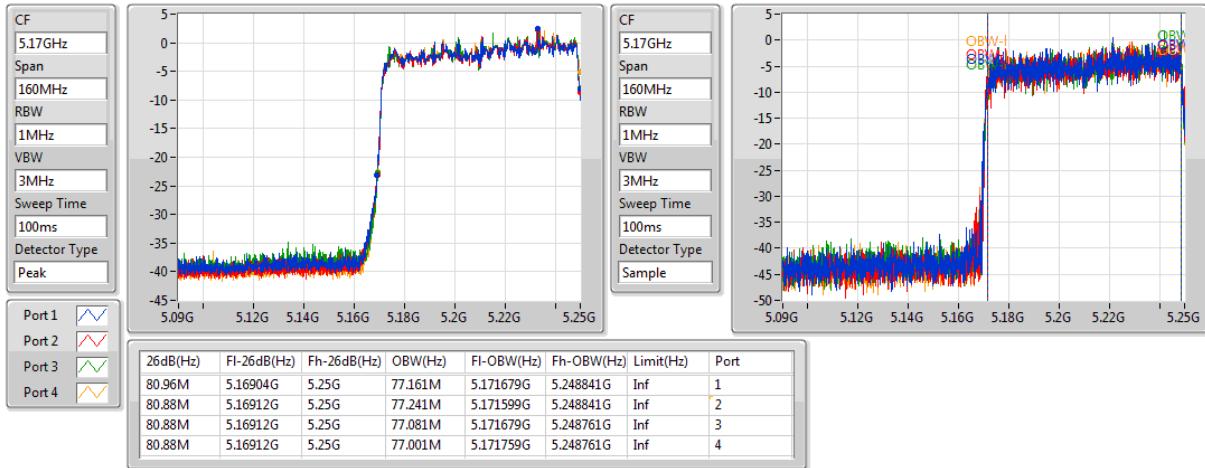
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

27/04/2019

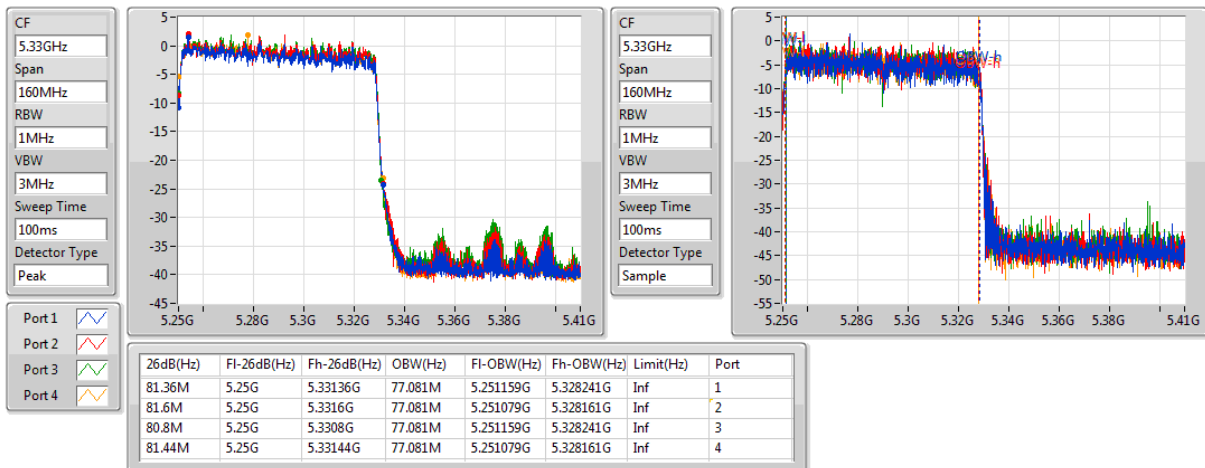


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

27/04/2019





**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	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	80.96M	77.161M	77M2D1D	80.56M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.24M	77.321M	77M3D1D	80.64M	77.081M

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 HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.161M	80.72M	77.081M	80.96M	77.081M	80.56M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.24M	77.081M	81.44M	77.081M	80.64M	77.241M	81.68M	77.321M

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

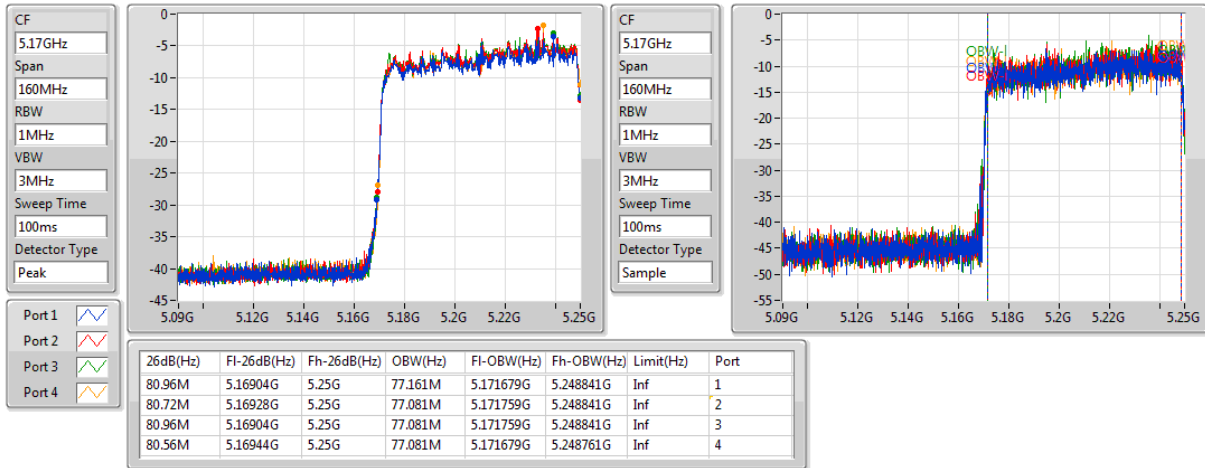
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/05/2019

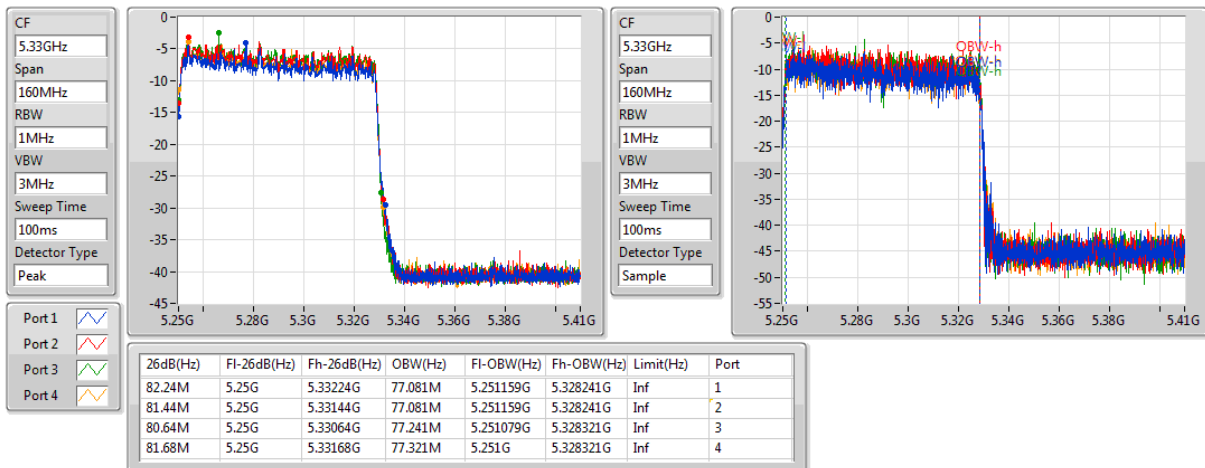


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/05/2019





**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	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	81.12M	77.081M	77M1D1D	80.32M	76.842M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	83.44M	77.241M	77M2D1D	81.12M	77.001M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.081M	81.12M	76.922M	80.32M	76.922M	80.72M	76.842M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.44M	77.241M	81.12M	77.001M	81.28M	77.161M	82M	77.081M

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

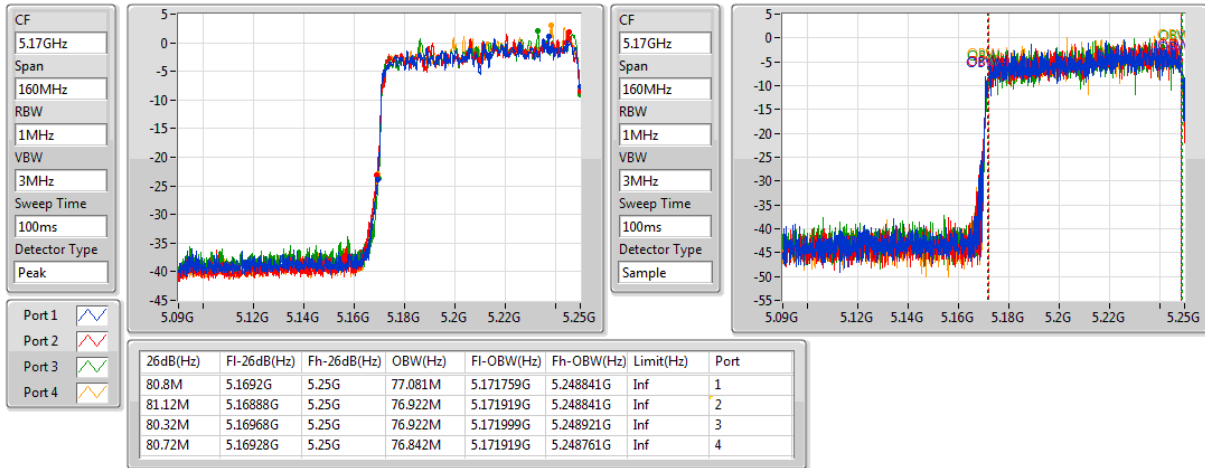
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/05/2019

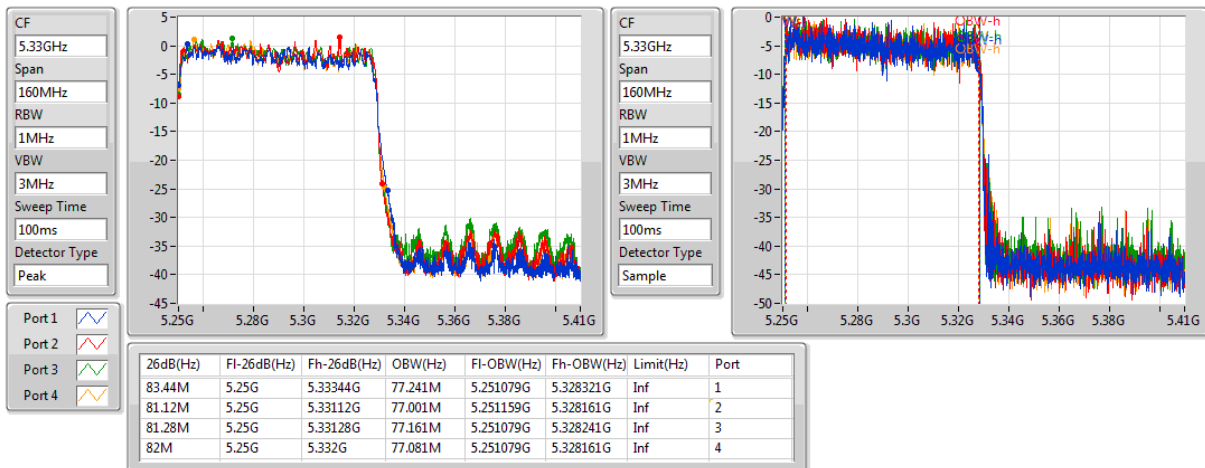


802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/05/2019





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

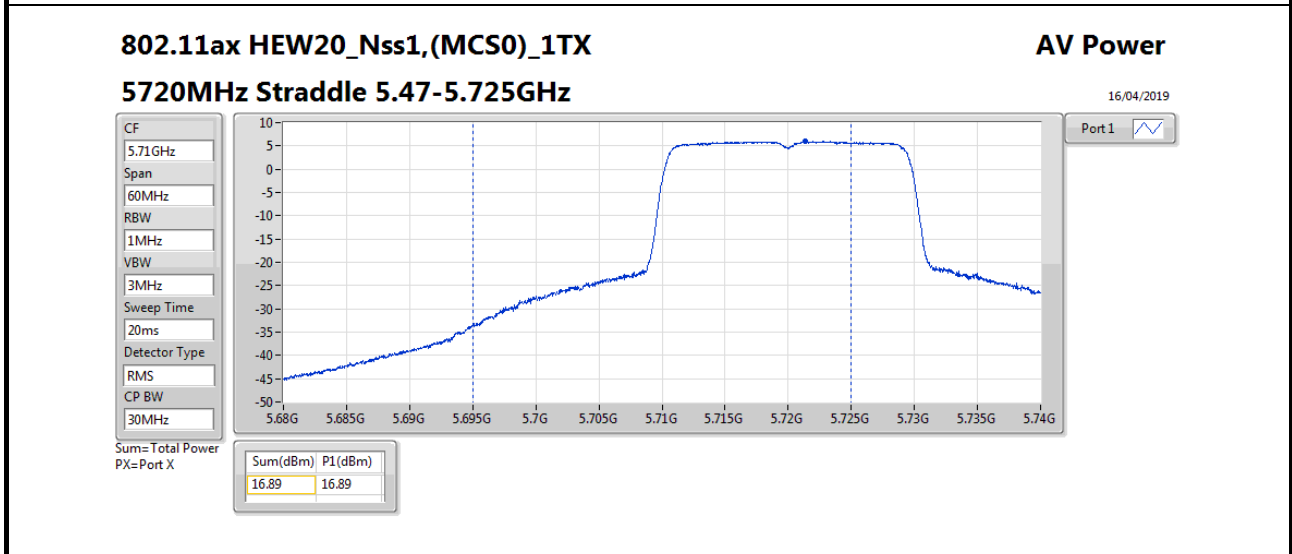
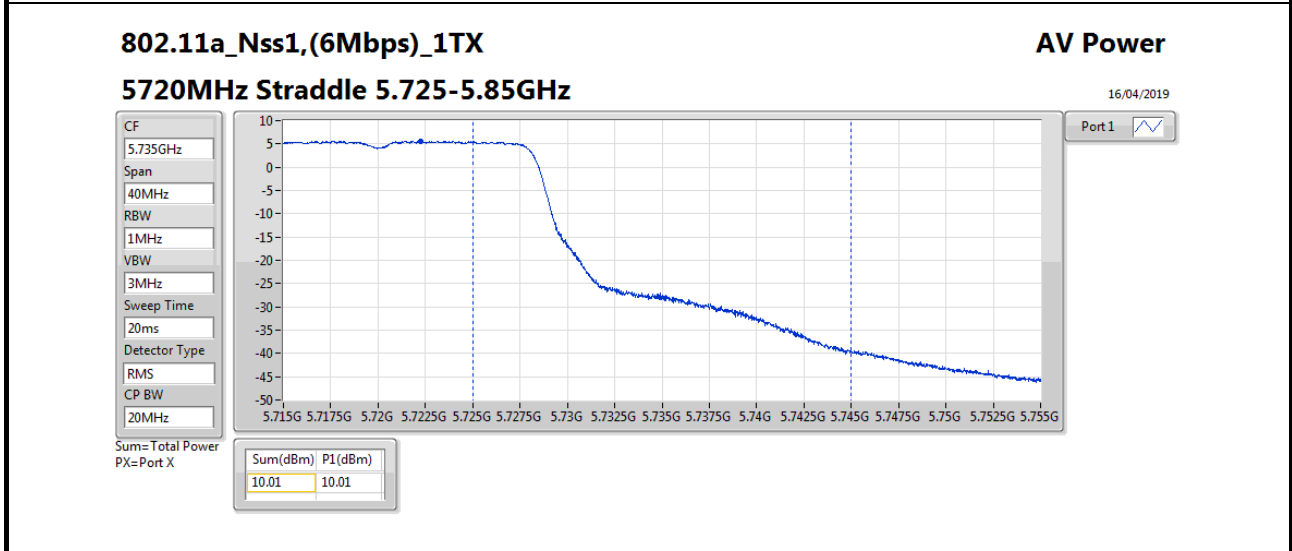
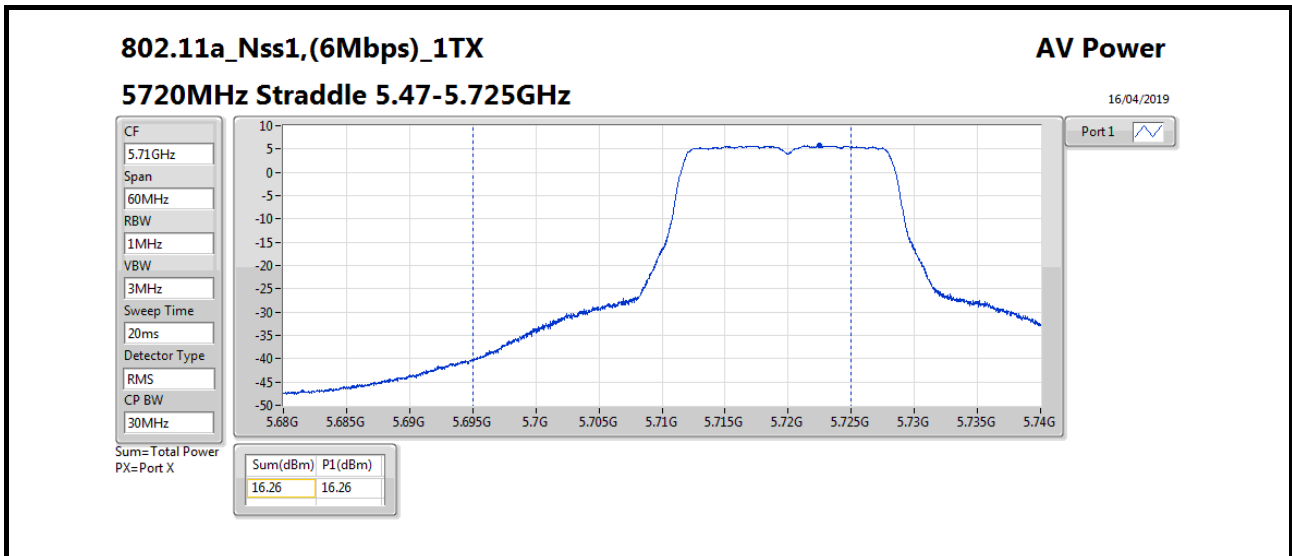
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	12.80	0.01905
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.63	0.11561
802.11ax HEW20_Nss1,(MCS0)_1TX	20.98	0.12531
802.11ax HEW40_Nss1,(MCS0)_1TX	20.75	0.11885
802.11ax HEW80_Nss1,(MCS0)_1TX	16.36	0.04325
802.11ax HEW160_Nss1,(MCS0)_1TX	12.85	0.01928
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.01	0.07962
802.11ax HEW20_Nss1,(MCS0)_1TX	18.35	0.06839
802.11ax HEW40_Nss1,(MCS0)_1TX	20.39	0.10940
802.11ax HEW80_Nss1,(MCS0)_1TX	20.80	0.12023
802.11ax HEW160_Nss1,(MCS0)_1TX	15.83	0.03828
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.01	0.01002
802.11ax HEW20_Nss1,(MCS0)_1TX	11.67	0.01469
802.11ax HEW40_Nss1,(MCS0)_1TX	8.21	0.00662
802.11ax HEW80_Nss1,(MCS0)_1TX	7.45	0.00556

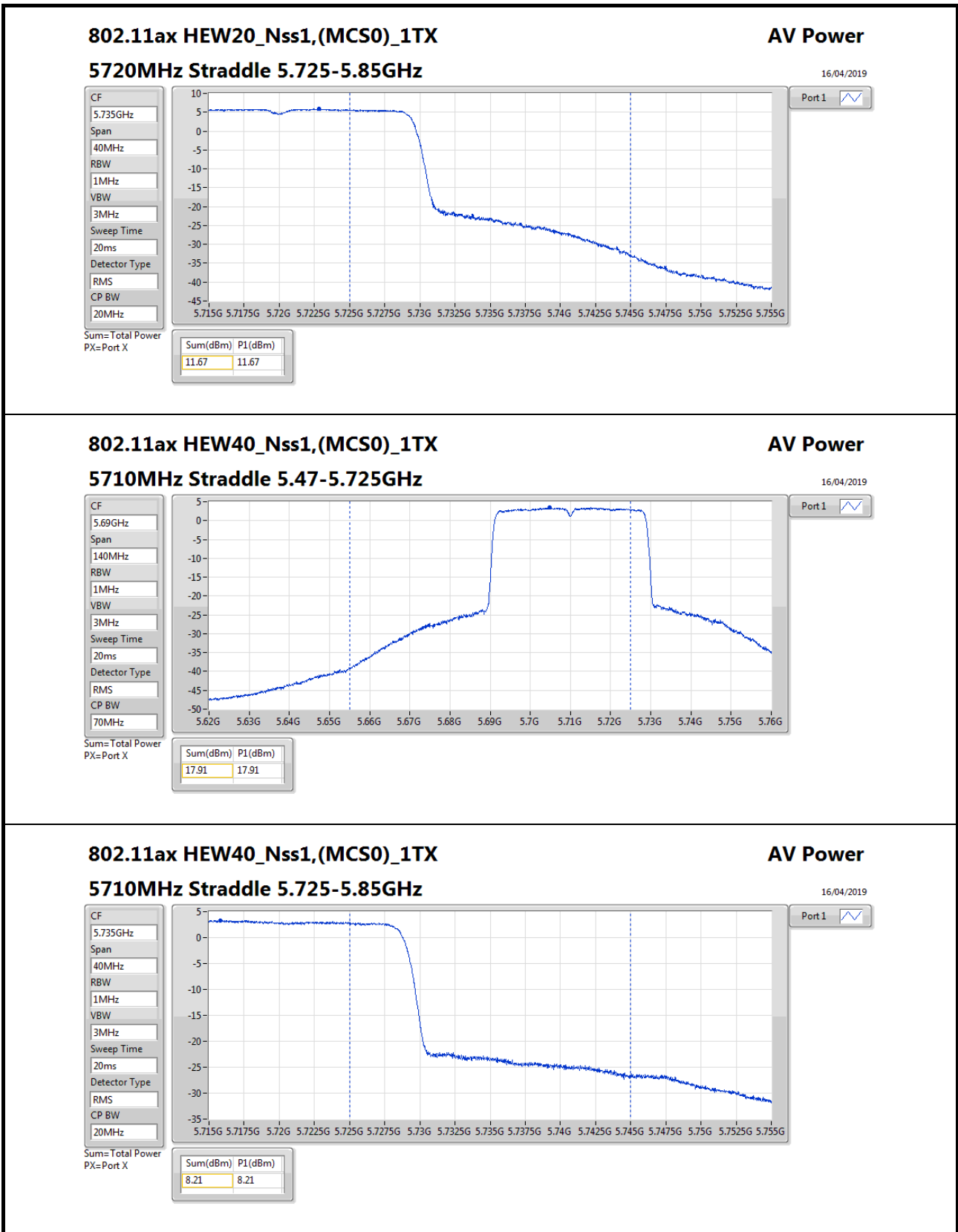


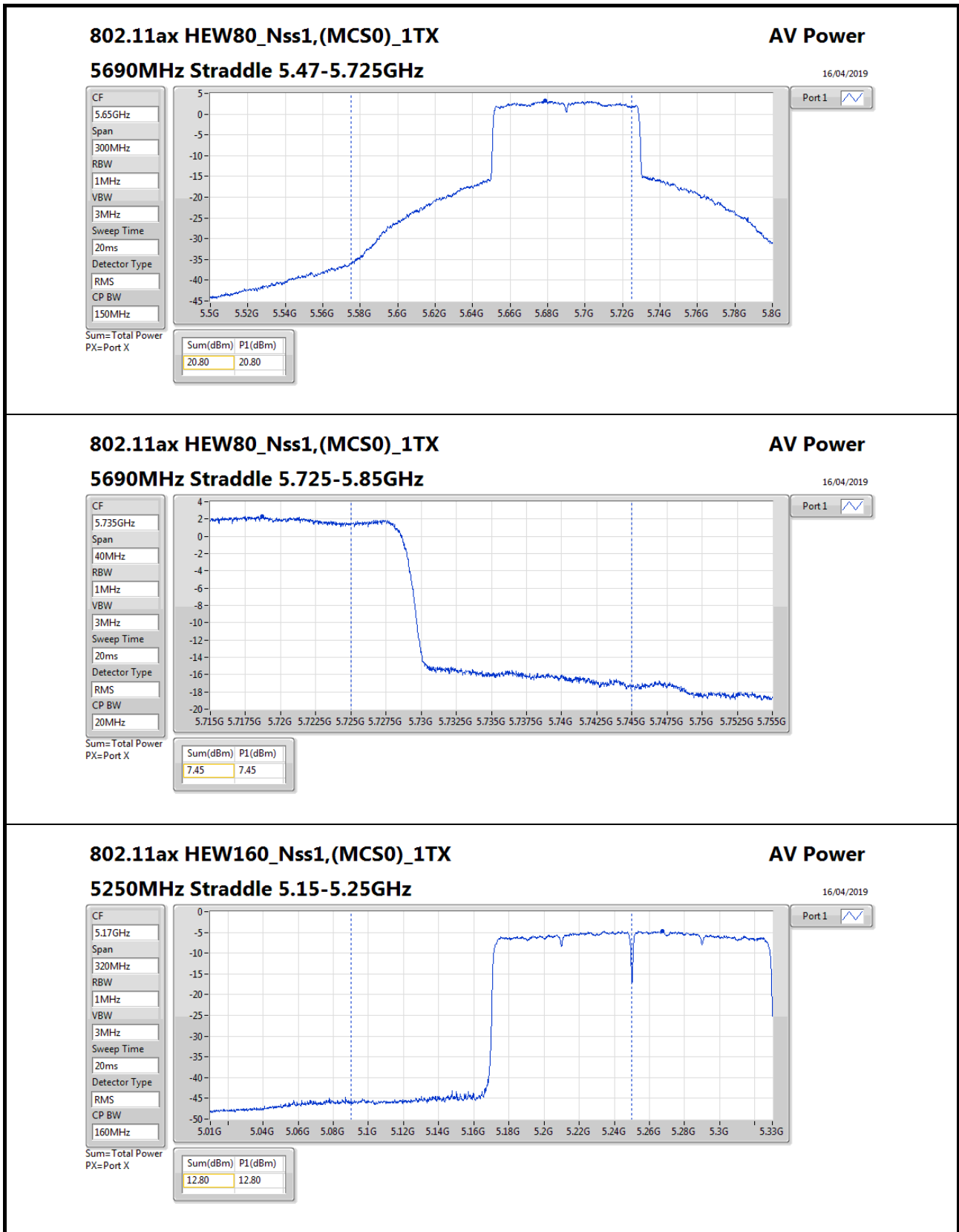
Result

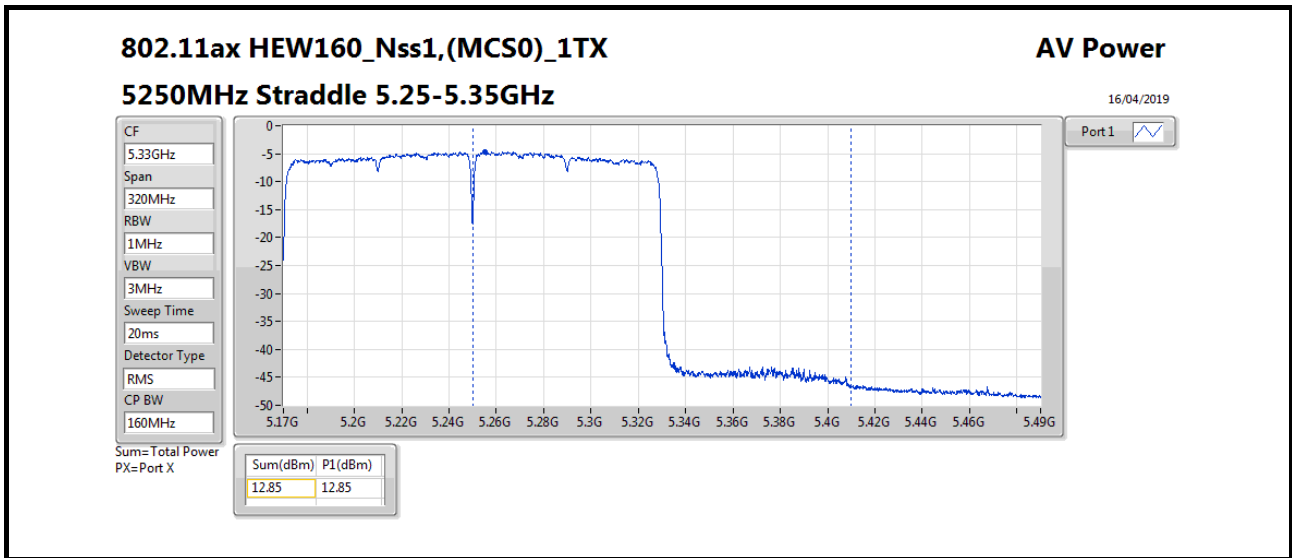
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.27	20.26	20.26	21.71	20.25
5300MHz	Pass	8.27	20.63	20.63	21.71	20.5
5320MHz	Pass	8.27	19.38	19.38	21.71	19.5
5500MHz	Pass	8.27	18.02	18.02	21.71	18
5580MHz	Pass	8.27	19.01	19.01	21.71	19.25
5700MHz	Pass	8.27	15.56	15.56	21.71	15.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	16.26	16.26	20.75	17.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	10.01	10.01	27.73	17.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.27	20.65	20.65	21.71	20.75
5300MHz	Pass	8.27	20.98	20.98	21.71	21
5320MHz	Pass	8.27	18.68	18.68	21.71	18.5
5500MHz	Pass	8.27	17.22	17.22	21.71	17.25
5580MHz	Pass	8.27	18.35	18.35	21.71	18.5
5700MHz	Pass	8.27	13.57	13.57	21.71	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	16.89	16.89	21.40	17.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	11.67	11.67	27.73	17.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.27	20.75	20.75	21.71	20.75
5310MHz	Pass	8.27	16.82	16.82	21.71	16.75
5510MHz	Pass	8.27	15.68	15.68	21.71	16
5550MHz	Pass	8.27	20.39	20.39	21.71	20.5
5670MHz	Pass	8.27	17.87	17.87	21.71	17.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	17.91	17.91	21.71	18.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	8.21	8.21	27.73	18.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.27	16.36	16.36	21.71	16.25
5530MHz	Pass	8.27	16.21	16.21	21.71	16.5
5610MHz	Pass	8.27	19.37	19.37	21.71	19.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	20.80	20.80	21.71	21.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	7.45	7.45	27.73	21.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	12.80	12.80	27.73	15.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	12.85	12.85	21.71	15.25
5570MHz	Pass	8.27	15.83	15.83	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 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.45	0.02213
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.67	0.14689
802.11ax HEW40_Nss2,(MCS0)_2TX	21.62	0.14521
802.11ax HEW80_Nss2,(MCS0)_2TX	17.81	0.06039
802.11ax HEW160_Nss2,(MCS0)_2TX	13.10	0.02042
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.54	0.14256
802.11ax HEW40_Nss2,(MCS0)_2TX	21.68	0.14723
802.11ax HEW80_Nss2,(MCS0)_2TX	21.68	0.14723
802.11ax HEW160_Nss2,(MCS0)_2TX	15.85	0.03846
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	14.49	0.02812
802.11ax HEW40_Nss2,(MCS0)_2TX	11.01	0.01262
802.11ax HEW80_Nss2,(MCS0)_2TX	8.13	0.00650

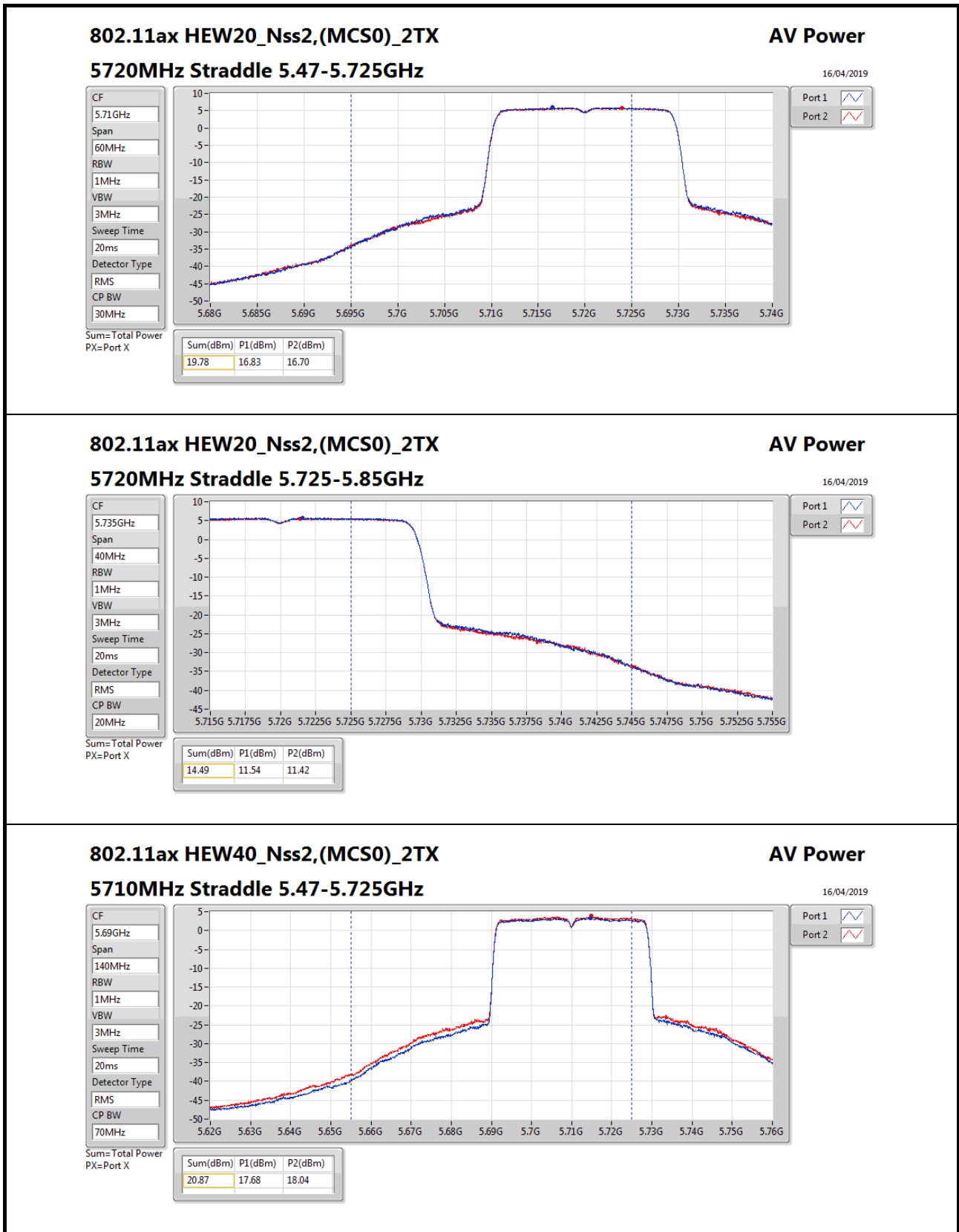


Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.27	18.48	18.59	21.55	21.71	18.25
5300MHz	Pass	8.27	18.59	18.73	21.67	21.71	18.5
5320MHz	Pass	8.27	17.01	16.71	19.87	21.71	17
5500MHz	Pass	8.27	16.39	16.46	19.44	21.71	16.75
5580MHz	Pass	8.27	18.39	18.67	21.54	21.71	18.5
5700MHz	Pass	8.27	14.47	14.79	17.64	21.71	14.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	16.83	16.70	19.78	20.72	17.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	11.54	11.42	14.49	27.73	17.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.27	18.32	18.88	21.62	21.71	18.5
5310MHz	Pass	8.27	15.51	15.39	18.46	21.71	15.75
5510MHz	Pass	8.27	14.27	14.19	17.24	21.71	14.5
5550MHz	Pass	8.27	18.26	19.05	21.68	21.71	18.5
5670MHz	Pass	8.27	16.05	16.52	19.30	21.71	16.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	17.68	18.04	20.87	21.71	18.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	7.80	8.19	11.01	27.73	18.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.27	14.93	14.67	17.81	21.71	15
5530MHz	Pass	8.27	14.68	14.79	17.75	21.71	15
5610MHz	Pass	8.27	17.82	18.09	20.97	21.71	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	18.76	18.57	21.68	21.71	18.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	5.11	5.13	8.13	27.73	18.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	10.55	10.33	13.45	27.73	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	10.59	9.52	13.10	21.71	13.25
5570MHz	Pass	8.27	12.77	12.91	15.85	21.71	13

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

Note: Conducted setting = Pass conducted setting division 4.



802.11ax HEW40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

AV Power

16/04/2019

CF: 5.69GHz

Span: 140MHz

RBW: 1MHz

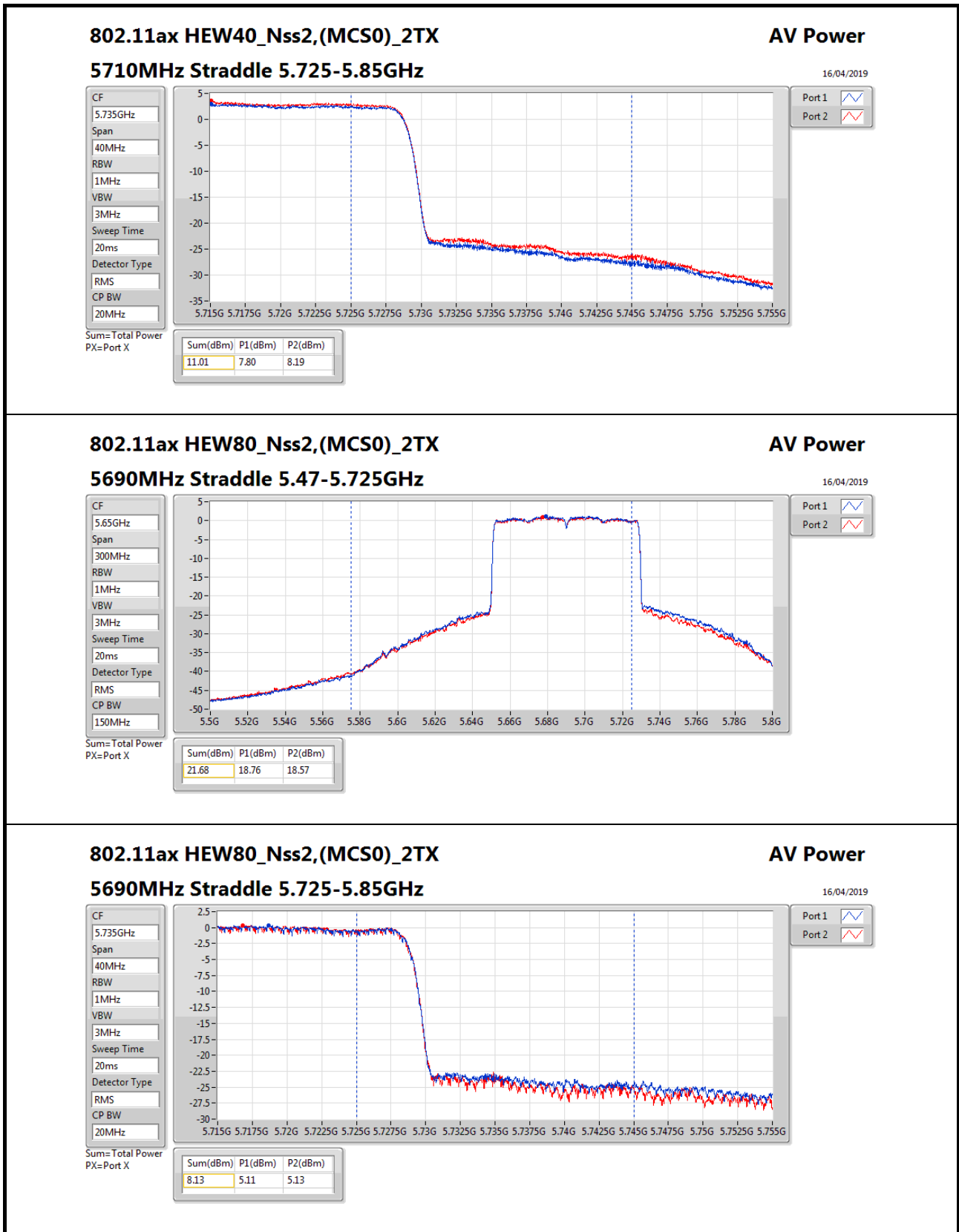
VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 70MHz

Sum(dBm)	P1(dBm)	P2(dBm)
20.87	17.68	18.04



802.11ax HEW80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.725-5.85GHz

AV Power

16/04/2019

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

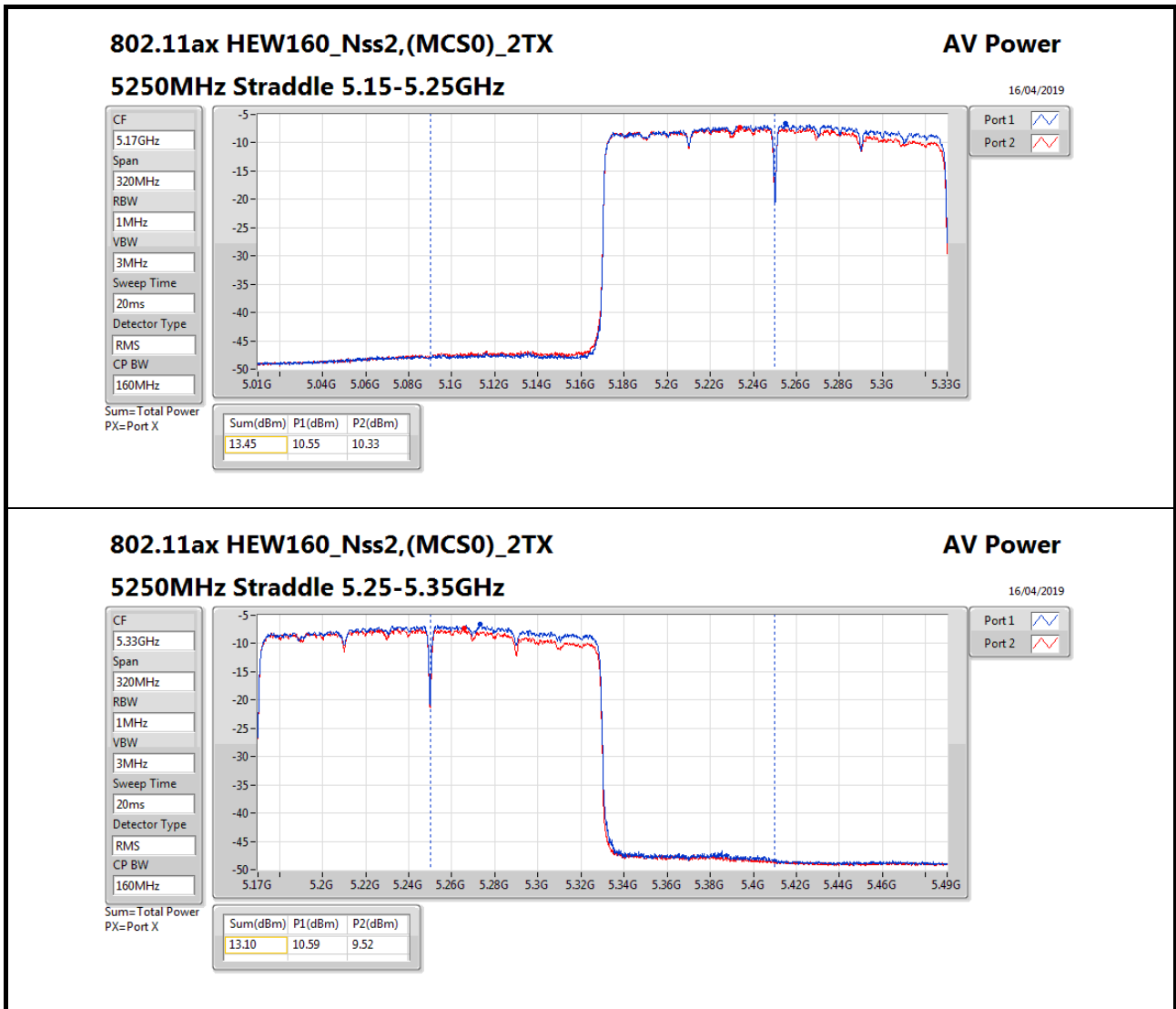
20MHz

Port 1

Port 2

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
8.13	5.11	5.13





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

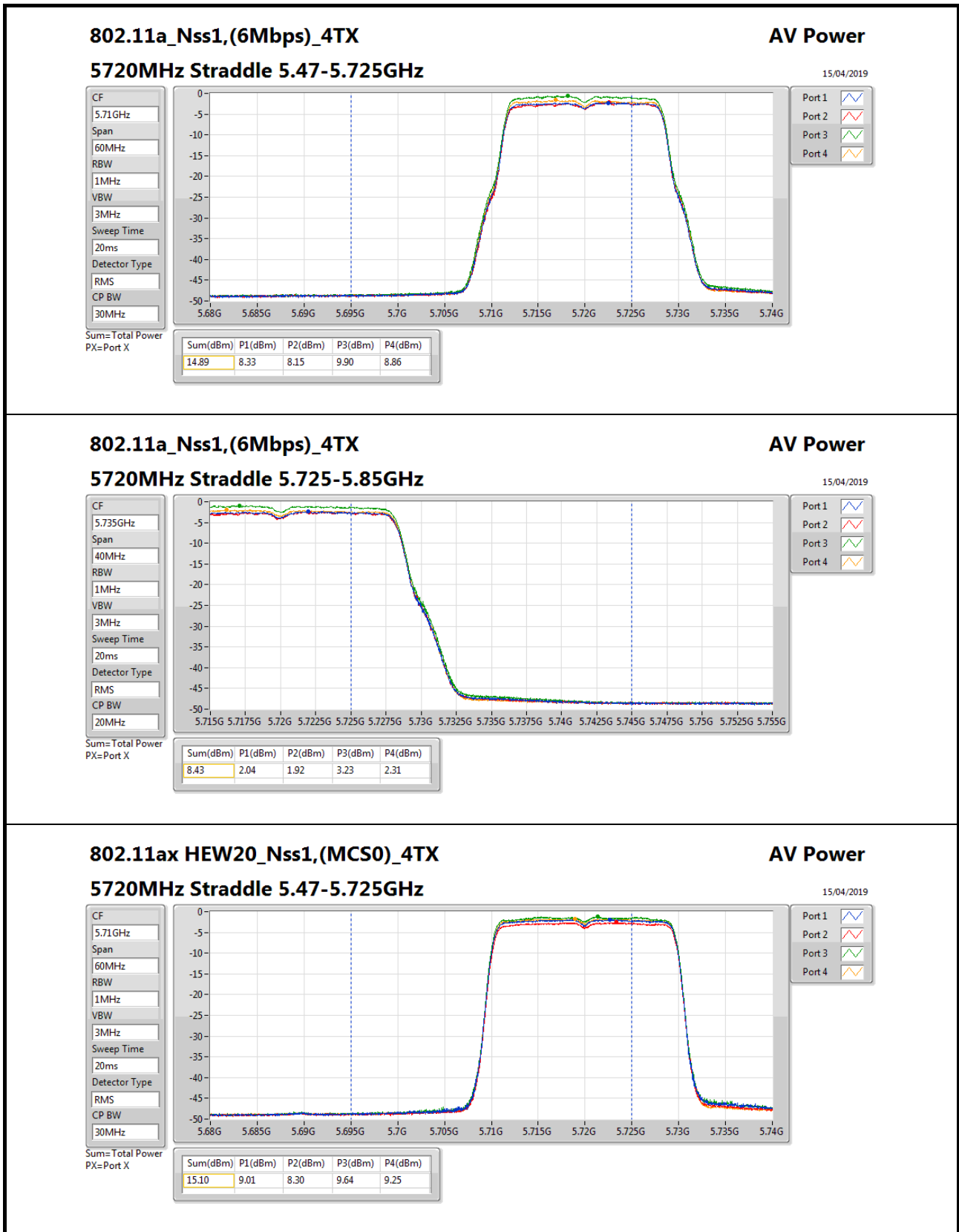
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.32	0.03404
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.85	0.03846
802.11ax HEW20_Nss1,(MCS0)_4TX	16.47	0.04436
802.11ax HEW40_Nss1,(MCS0)_4TX	19.09	0.08110
802.11ax HEW80_Nss1,(MCS0)_4TX	20.25	0.10593
802.11ax HEW160_Nss1,(MCS0)_4TX	15.42	0.03483
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.94	0.03926
802.11ax HEW20_Nss1,(MCS0)_4TX	16.44	0.04406
802.11ax HEW40_Nss1,(MCS0)_4TX	19.20	0.08318
802.11ax HEW80_Nss1,(MCS0)_4TX	21.68	0.14723
802.11ax HEW160_Nss1,(MCS0)_4TX	19.53	0.08974
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.43	0.00697
802.11ax HEW20_Nss1,(MCS0)_4TX	9.89	0.00975
802.11ax HEW40_Nss1,(MCS0)_4TX	8.93	0.00782
802.11ax HEW80_Nss1,(MCS0)_4TX	7.88	0.00614

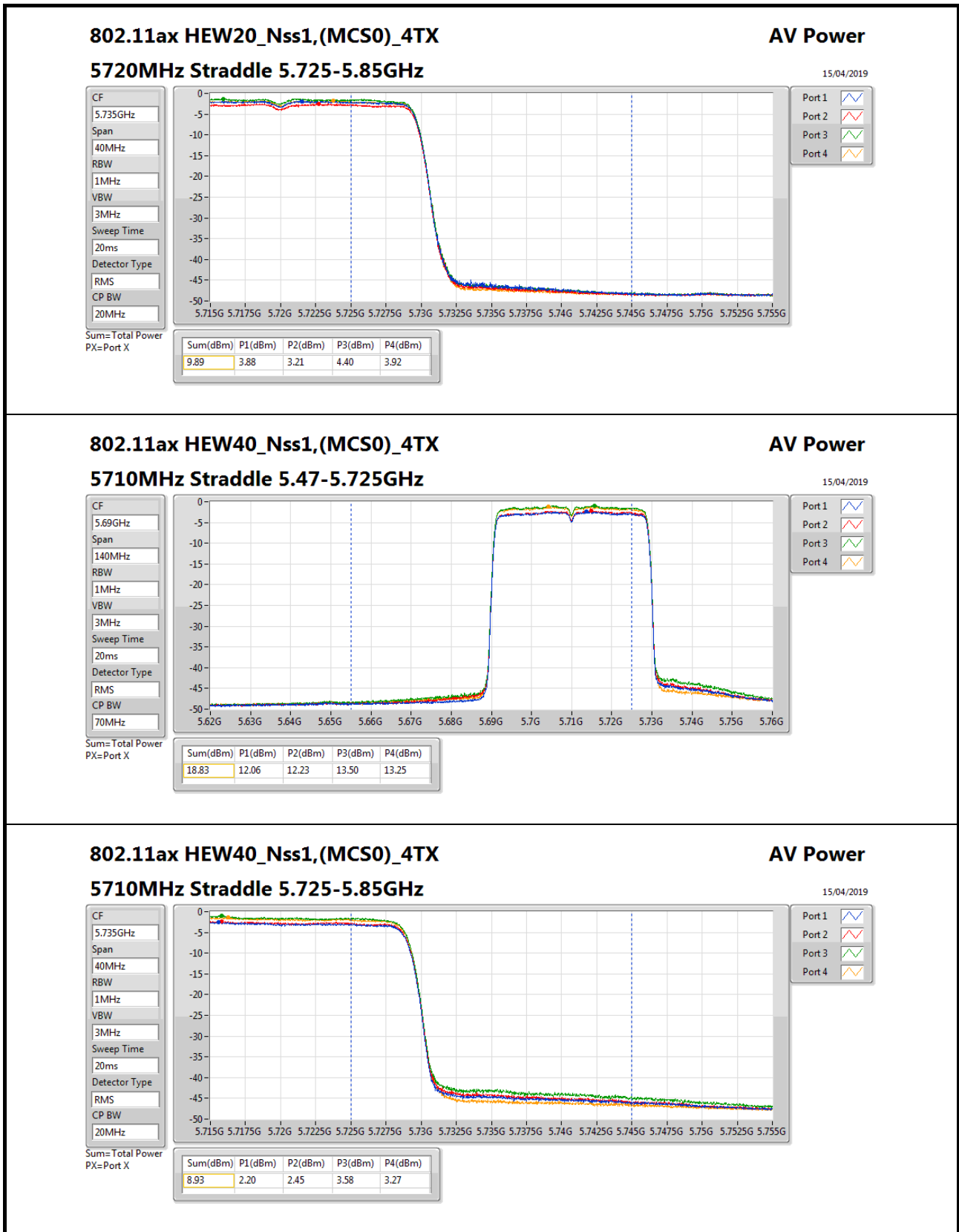


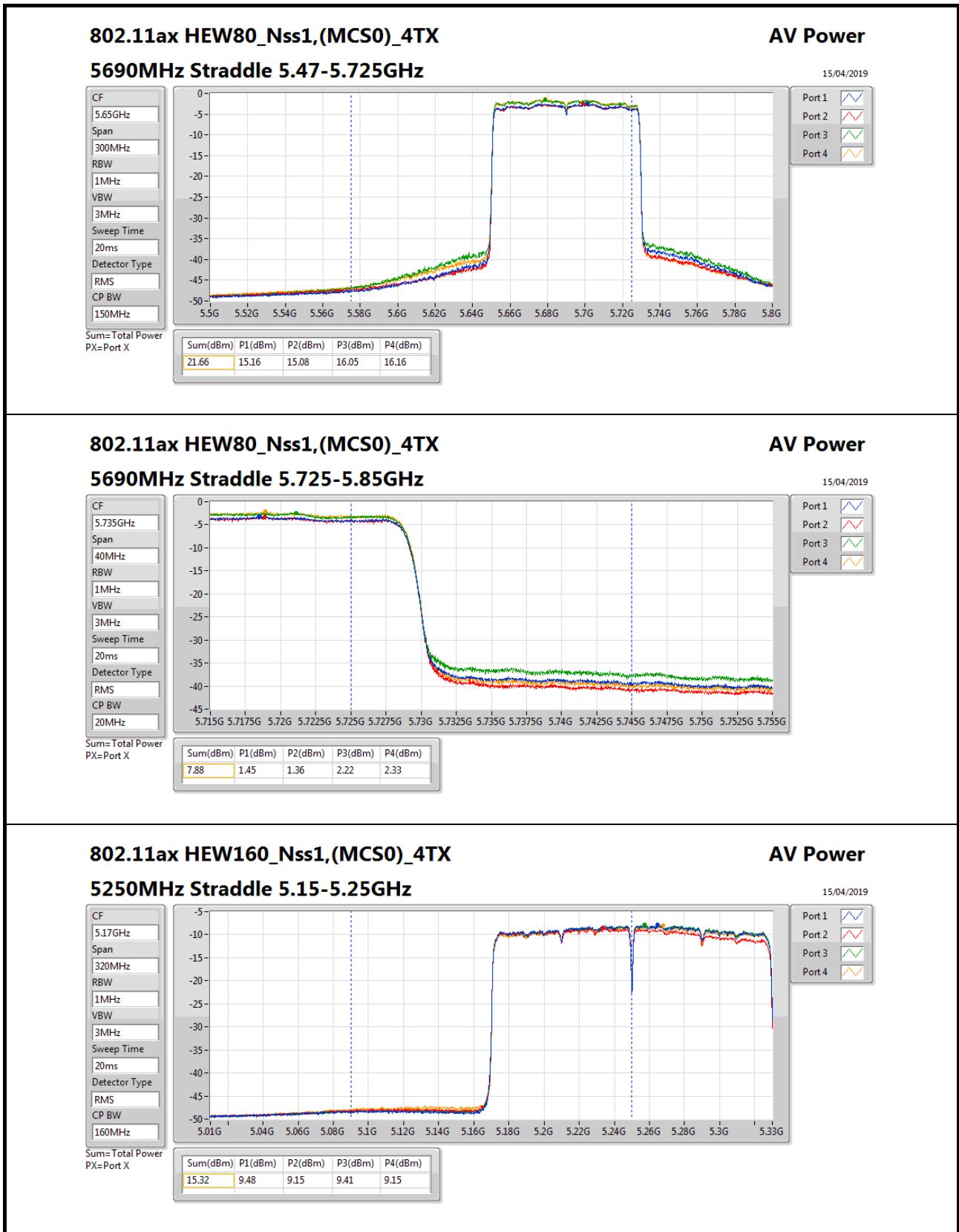
Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.27	9.24	9.17	10.76	9.30	15.69	21.71	10.25
5300MHz	Pass	8.27	10.02	9.13	10.73	9.22	15.85	21.71	10.5
5320MHz	Pass	8.27	9.83	9.25	10.70	9.37	15.85	21.71	10.75
5500MHz	Pass	8.27	9.39	9.45	10.58	10.10	15.93	21.71	10.5
5580MHz	Pass	8.27	9.05	9.24	10.62	10.02	15.80	21.71	10.25
5700MHz	Pass	8.27	9.57	9.34	10.54	10.11	15.94	21.71	10
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	8.33	8.15	9.90	8.86	14.89	20.67	10
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	2.04	1.92	3.23	2.31	8.43	27.73	10
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.27	10.28	10.15	11.24	9.73	16.41	21.71	10.5
5300MHz	Pass	8.27	10.56	9.65	11.26	9.84	16.40	21.71	10.75
5320MHz	Pass	8.27	10.61	9.76	11.21	10.06	16.47	21.71	11
5500MHz	Pass	8.27	10.30	9.58	11.08	10.47	16.41	21.71	10.75
5580MHz	Pass	8.27	9.86	9.87	11.45	10.25	16.43	21.71	10.5
5700MHz	Pass	8.27	10.08	10.16	10.74	10.66	16.44	21.71	10.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	9.01	8.30	9.64	9.25	15.10	20.69	10.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	3.88	3.21	4.40	3.92	9.89	27.73	10.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.27	13.22	12.68	13.57	12.75	19.09	21.71	13.25
5310MHz	Pass	8.27	13.05	13.09	13.37	12.65	19.07	21.71	13.25
5510MHz	Pass	8.27	12.84	12.70	12.68	13.45	18.95	21.71	13
5550MHz	Pass	8.27	12.87	13.03	13.07	13.40	19.12	21.71	13
5670MHz	Pass	8.27	12.47	12.51	13.91	13.62	19.20	21.71	12.75
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	12.06	12.23	13.50	13.25	18.83	21.71	12.75
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	2.20	2.45	3.58	3.27	8.93	27.73	12.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.27	14.48	14.23	14.39	13.77	20.25	21.71	14.25
5530MHz	Pass	8.27	13.31	13.29	14.39	13.88	19.76	21.71	13.75
5610MHz	Pass	8.27	15.13	15.21	16.05	16.14	21.68	21.71	15.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	15.16	15.08	16.05	16.16	21.66	21.71	15.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	1.45	1.36	2.22	2.33	7.88	27.73	15.5
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	9.48	9.15	9.41	9.15	15.32	27.73	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	9.72	8.62	9.82	9.32	15.42	21.71	12.5
5570MHz	Pass	8.27	13.43	13.04	13.61	13.93	19.53	21.71	13.25

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







802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

AV Power

15/04/2019

CF

5.17GHz

Span

320MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

160MHz

Port 1

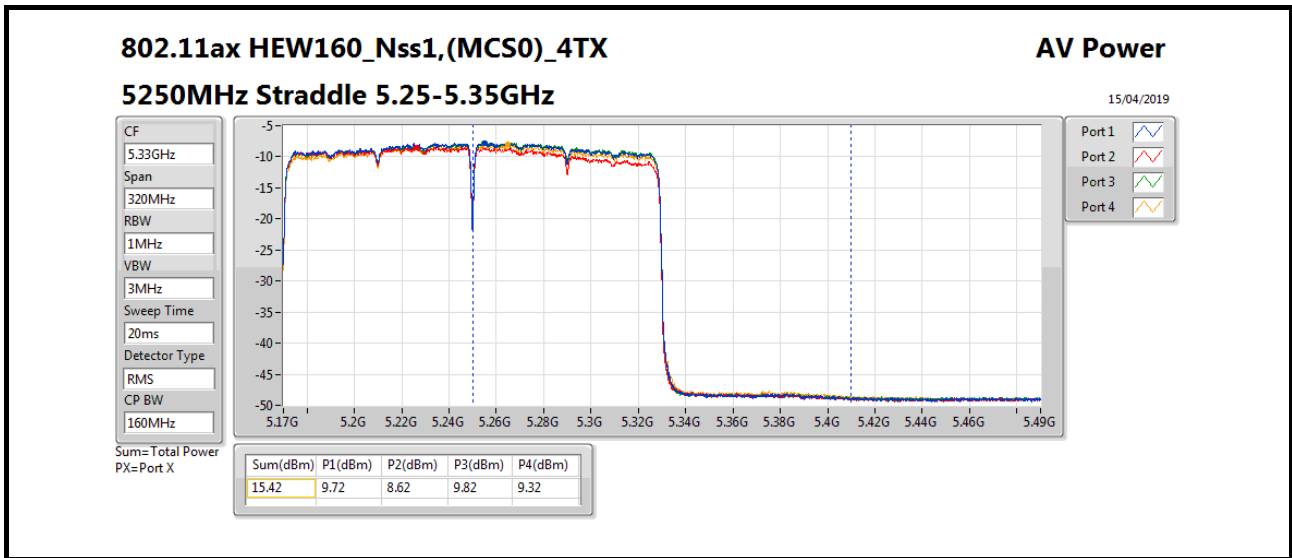
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.32	9.48	9.15	9.41	9.15





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.50	0.02239
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.60	0.03631
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.63	0.03656
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.61	0.03639
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.49	0.02234
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.67	0.03690
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.65	0.03673
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.67	0.03690
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.60	0.03631
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.43	0.00877
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.83	0.00383
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.13	0.00163

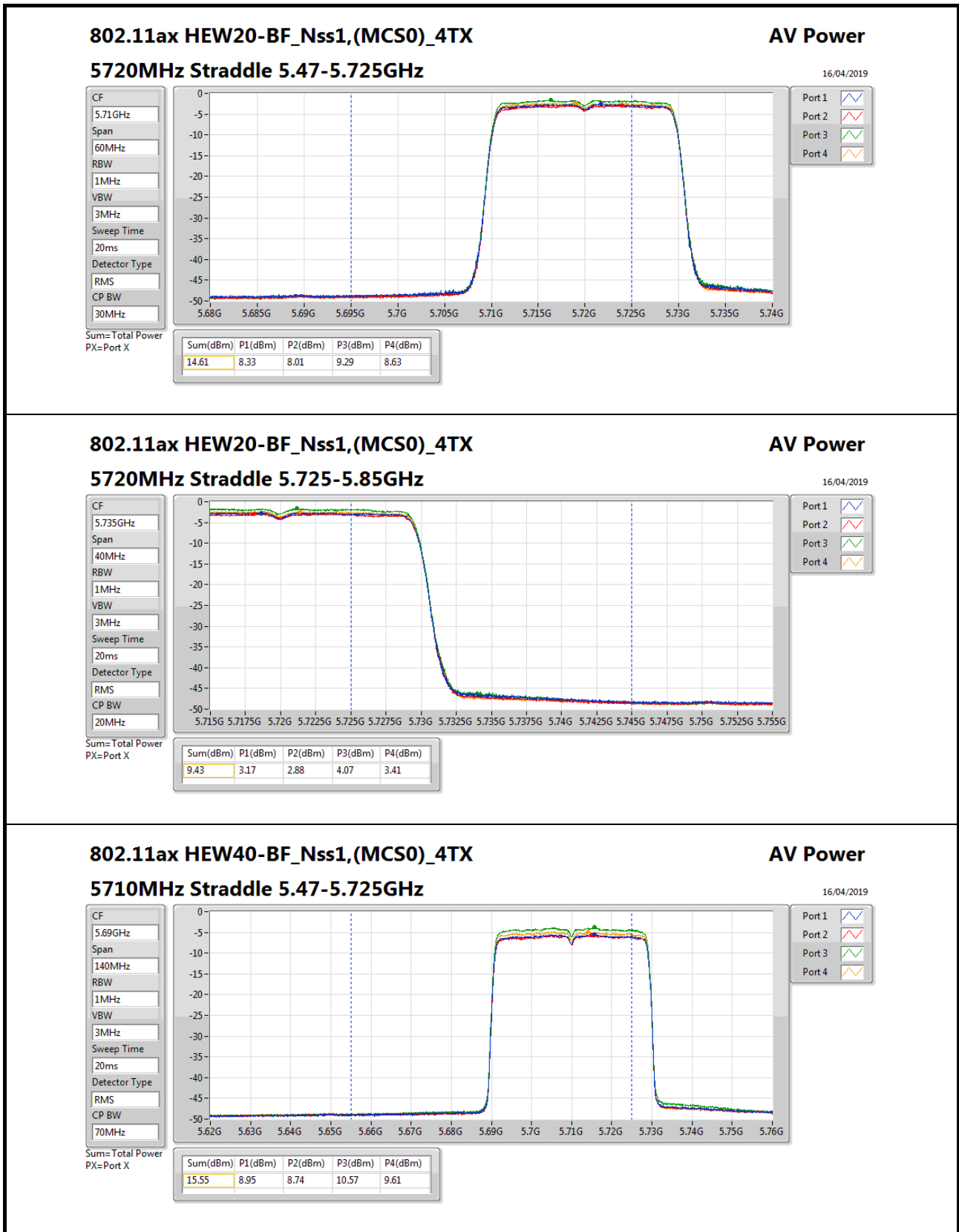


Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.29	9.45	9.18	10.33	8.73	15.48	15.69	15.5
5300MHz	Pass	14.29	9.74	8.92	10.47	8.98	15.60	15.69	15.75
5320MHz	Pass	14.29	9.52	8.69	10.48	8.98	15.49	15.69	16
5500MHz	Pass	14.29	9.25	8.96	10.37	9.64	15.61	15.69	15.75
5580MHz	Pass	14.29	9.16	8.98	10.53	9.61	15.63	15.69	15.5
5700MHz	Pass	14.29	9.42	9.12	10.07	9.93	15.67	15.69	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	14.29	8.33	8.01	9.29	8.63	14.61	14.69	15.5
5720MHz Straddle 5.725-5.85GHz	Pass	14.29	3.17	2.88	4.07	3.41	9.43	21.71	15.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.29	9.55	9.17	10.35	9.26	15.63	15.69	15.5
5310MHz	Pass	14.29	9.58	9.30	10.22	9.12	15.60	15.69	14.25
5510MHz	Pass	14.29	9.17	9.43	9.62	10.22	15.65	15.69	13.5
5550MHz	Pass	14.29	9.23	9.15	9.56	9.87	15.48	15.69	15.5
5670MHz	Pass	14.29	8.92	9.15	10.21	10.01	15.63	15.69	14.5
5710MHz Straddle 5.47-5.725GHz	Pass	14.29	8.95	8.74	10.57	9.61	15.55	15.69	15.5
5710MHz Straddle 5.725-5.85GHz	Pass	14.29	-0.70	-1.02	0.82	-0.09	5.83	21.71	15.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.29	9.72	9.39	10.16	9.02	15.61	15.69	14.25
5530MHz	Pass	14.29	9.07	8.96	10.53	9.83	15.67	15.69	13.75
5610MHz	Pass	14.29	9.33	9.27	10.09	9.85	15.67	15.69	15.5
5690MHz Straddle 5.47-5.725GHz	Pass	14.29	9.27	9.05	10.16	9.95	15.65	15.69	15.5
5690MHz Straddle 5.725-5.85GHz	Pass	14.29	-4.25	-4.18	-3.44	-3.76	2.13	21.71	15.5
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.29	7.49	7.43	7.88	7.10	13.50	21.71	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	14.29	7.61	6.47	8.22	7.41	13.49	15.69	13.25
5570MHz	Pass	14.29	9.29	9.11	9.83	10.02	15.60	15.69	13.25

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

Note : Conducted setting = Pass conducted setting division 4.



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

AV Power

16/04/2019

CF

5.69GHz

Span

140MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

70MHz

Port 1

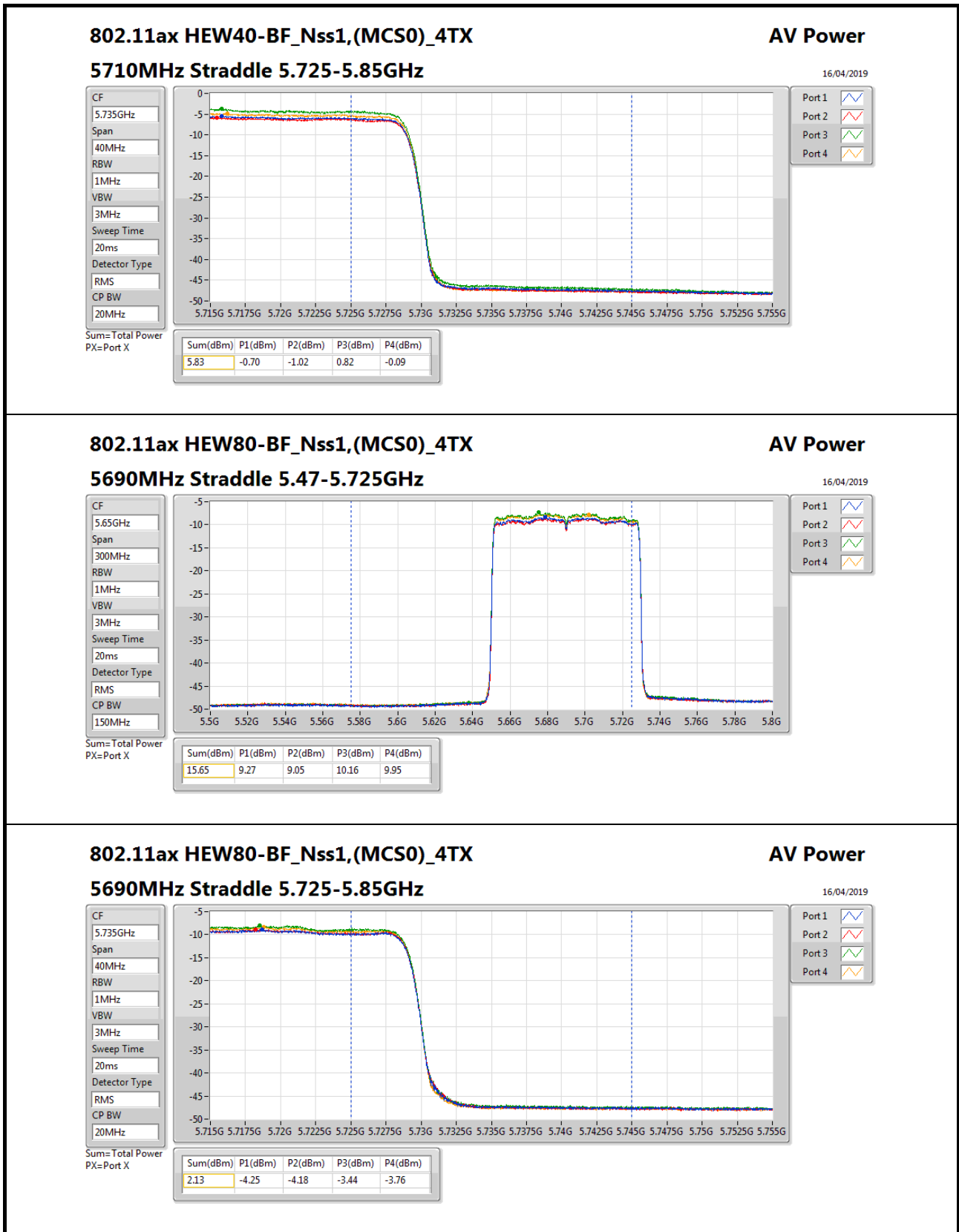
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.55	8.95	8.74	10.57	9.61



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

AV Power

16/04/2019

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

20MHz

Port 1

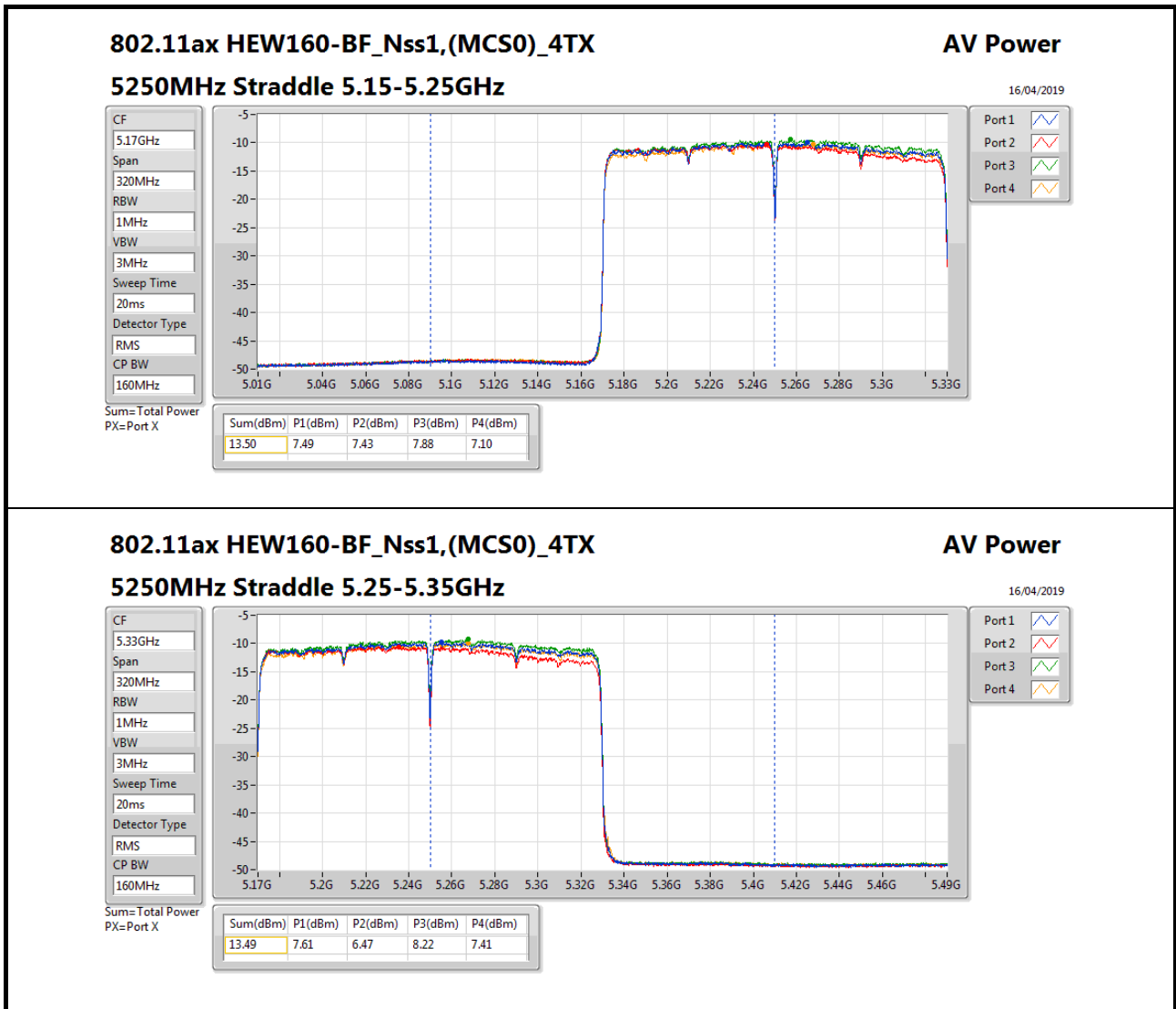
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
2.13	-4.25	-4.18	-3.44	-3.76



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

AV Power

16/04/2019

CF: 5.33GHz

Span: 320MHz

RBW: 1MHz

VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 160MHz

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.49	7.61	6.47	8.22	7.41



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.98	0.03963
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.69	0.14757
802.11ax HEW40_Nss4,(MCS0)_4TX	21.51	0.14158
802.11ax HEW80_Nss4,(MCS0)_4TX	19.92	0.09817
802.11ax HEW160_Nss4,(MCS0)_4TX	15.92	0.03908
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.70	0.14791
802.11ax HEW40_Nss4,(MCS0)_4TX	21.68	0.14723
802.11ax HEW80_Nss4,(MCS0)_4TX	21.68	0.14723
802.11ax HEW160_Nss4,(MCS0)_4TX	19.47	0.08851
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.30	0.03388
802.11ax HEW40_Nss4,(MCS0)_4TX	11.54	0.01426
802.11ax HEW80_Nss4,(MCS0)_4TX	7.64	0.00581

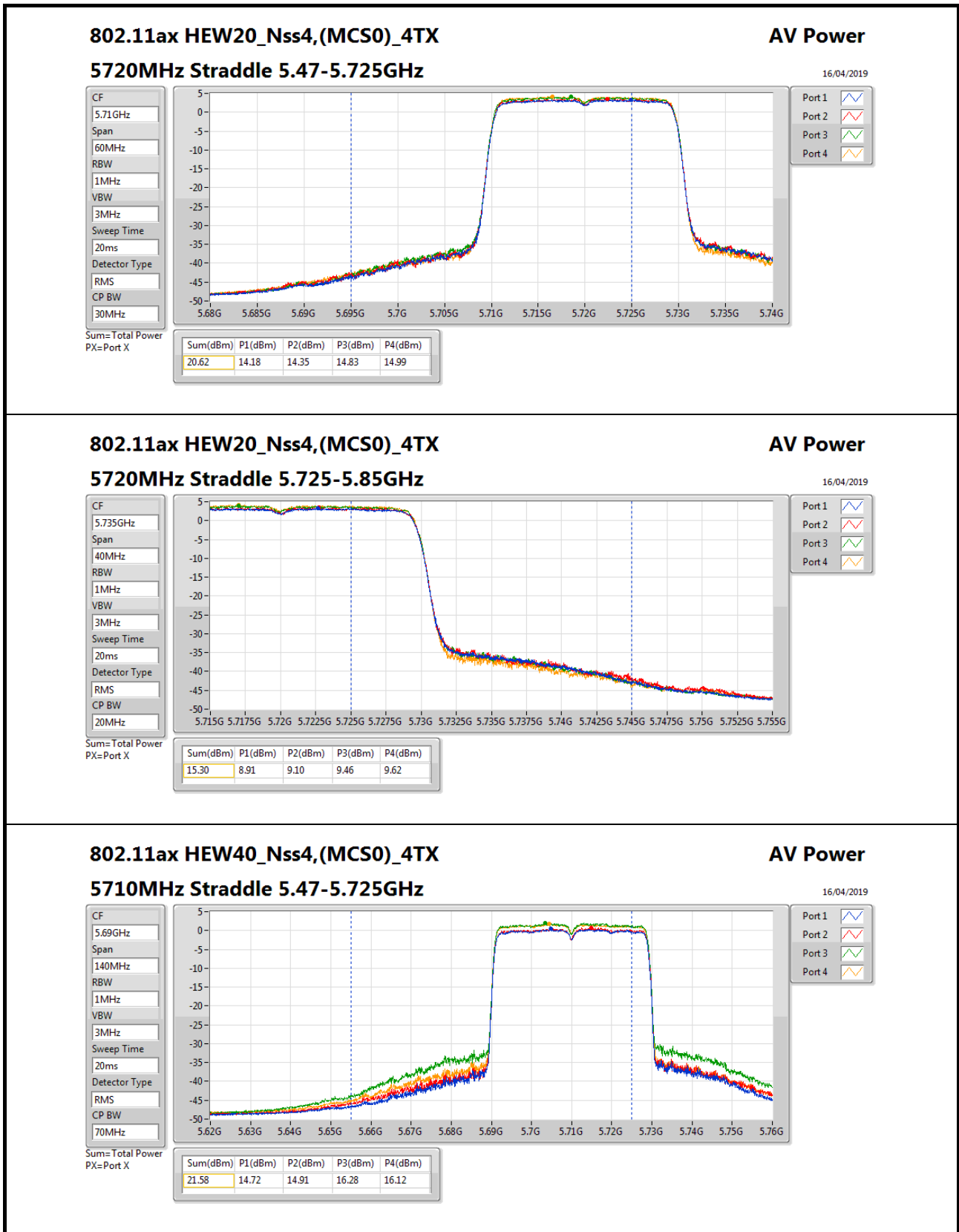


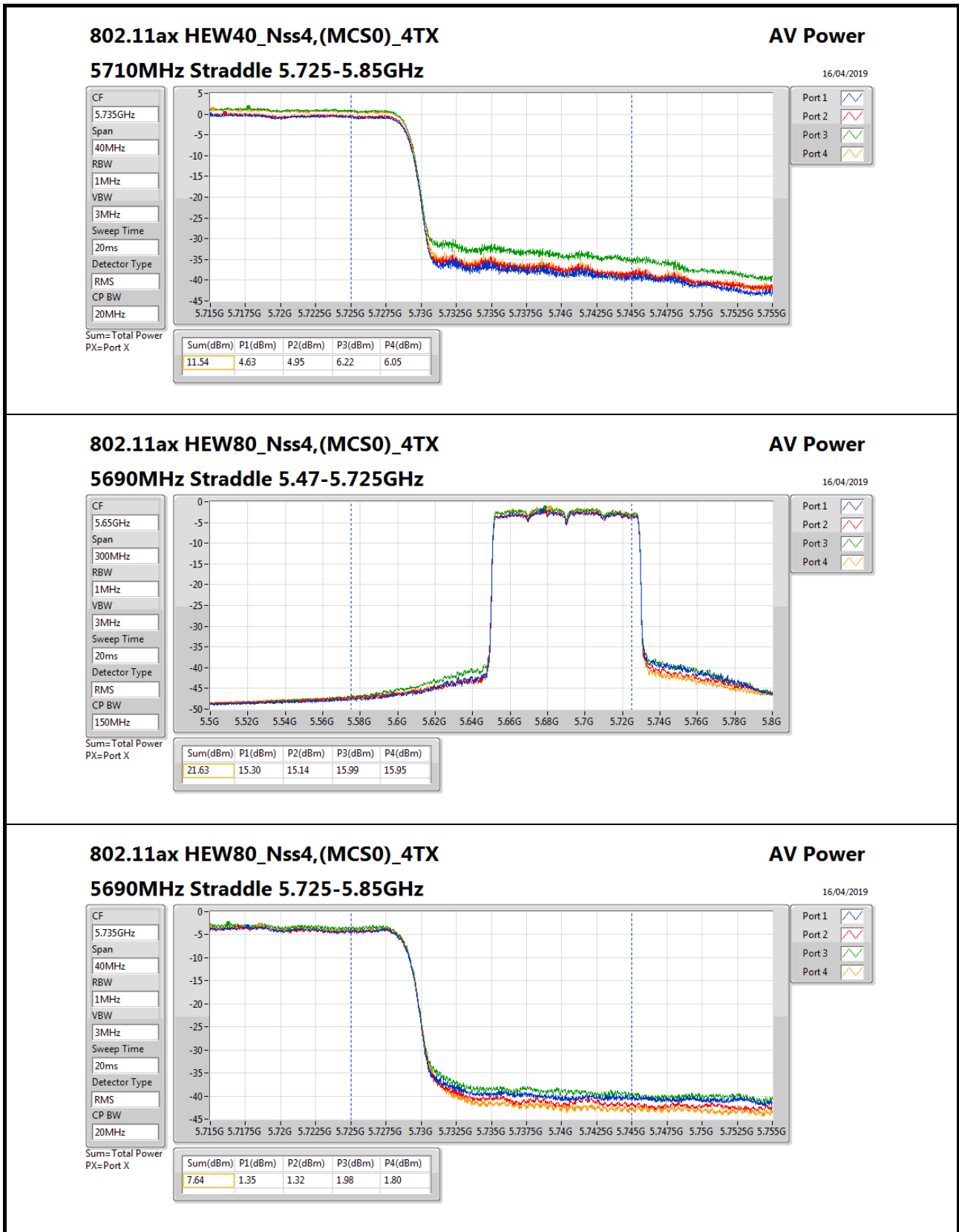
Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.27	15.07	15.14	16.57	15.18	21.56	21.71	15.5
5300MHz	Pass	8.27	15.62	15.10	16.41	15.21	21.64	21.71	15.75
5320MHz	Pass	8.27	15.61	15.54	16.09	15.42	21.69	21.71	16
5500MHz	Pass	8.27	15.08	15.45	16.02	16.09	21.70	21.71	15.75
5580MHz	Pass	8.27	14.89	15.25	16.22	15.87	21.61	21.71	15.5
5700MHz	Pass	8.27	14.07	14.28	14.88	15.01	20.60	21.71	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.27	14.18	14.35	14.83	14.99	20.62	20.66	15.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.27	8.91	9.10	9.46	9.62	15.30	27.73	15.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.27	15.45	15.19	16.02	15.26	21.51	21.71	15.5
5310MHz	Pass	8.27	13.97	13.65	14.15	13.47	19.84	21.71	14.25
5510MHz	Pass	8.27	12.93	13.36	13.49	13.65	19.39	21.71	13.5
5550MHz	Pass	8.27	15.27	15.56	15.49	16.26	21.68	21.71	15.5
5670MHz	Pass	8.27	14.60	14.45	15.33	15.51	21.02	21.71	14.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.27	14.72	14.91	16.28	16.12	21.58	21.71	15.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.27	4.63	4.95	6.22	6.05	11.54	27.73	15.5
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.27	13.97	13.37	14.48	13.71	19.92	21.71	14.25
5530MHz	Pass	8.27	13.04	13.37	14.15	13.72	19.61	21.71	13.75
5610MHz	Pass	8.27	15.10	15.22	15.97	16.23	21.68	21.71	15.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.27	15.30	15.14	15.99	15.95	21.63	21.71	15.5
5690MHz Straddle 5.725-5.85GHz	Pass	8.27	1.35	1.32	1.98	1.80	7.64	27.73	15.5
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27	10.16	10.09	10.13	9.43	15.98	27.73	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	10.19	9.32	10.36	9.64	15.92	21.71	13.25
5570MHz	Pass	8.27	12.82	13.09	13.96	13.84	19.47	21.71	13.25

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

Note : Conducted setting = Pass conducted setting division 4.





802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

AV Power

16/04/2019

CF: 5.735GHz

Span: 40MHz

RBW: 1MHz

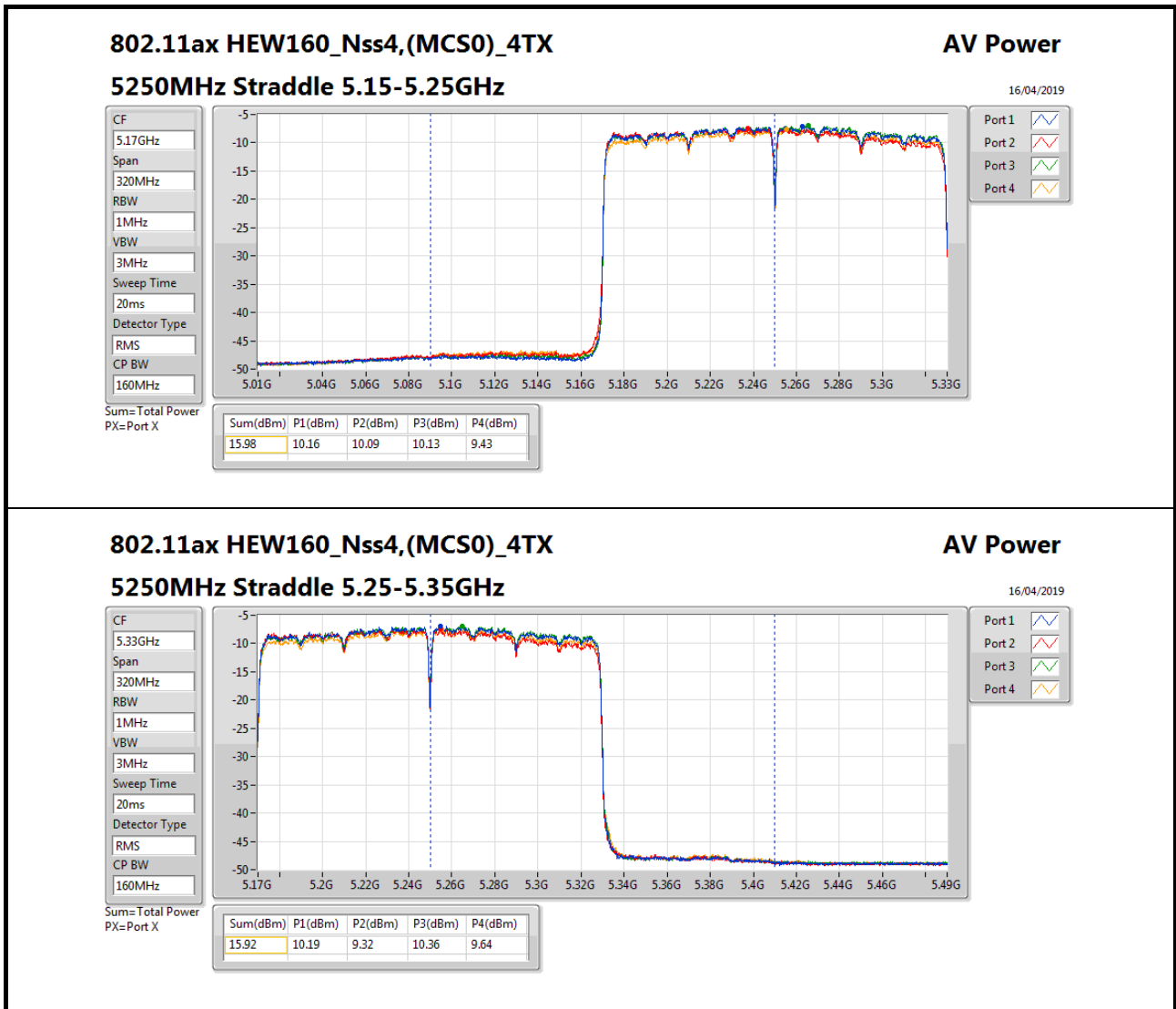
VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 20MHz

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.64	1.35	1.32	1.98	1.80





**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 HEW160_Nss1,(MCS0)_1TX	12.80	0.01905	21.07/18.10	0.12794
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	12.85	0.01928	21.12	0.12942



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
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27/5.30	12.80	12.80	27.73	21.07/18.10	36.00/21.00	15.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	12.85	12.85	21.71	21.12	Inf	15.25

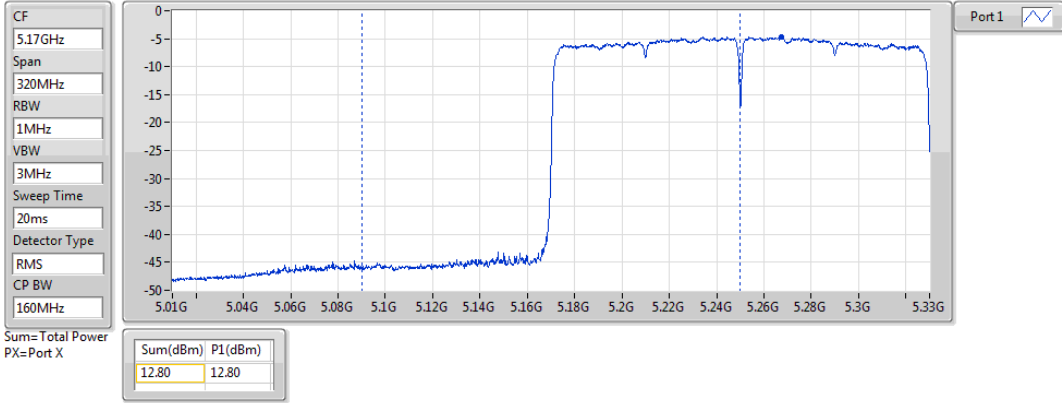
DG = Directional Gain; Port X = Port X output power.
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

16/04/2019

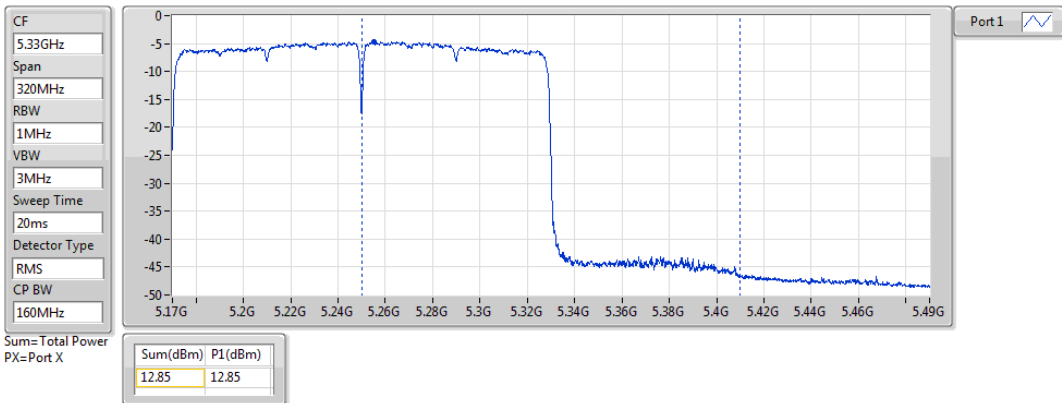


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

16/04/2019





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

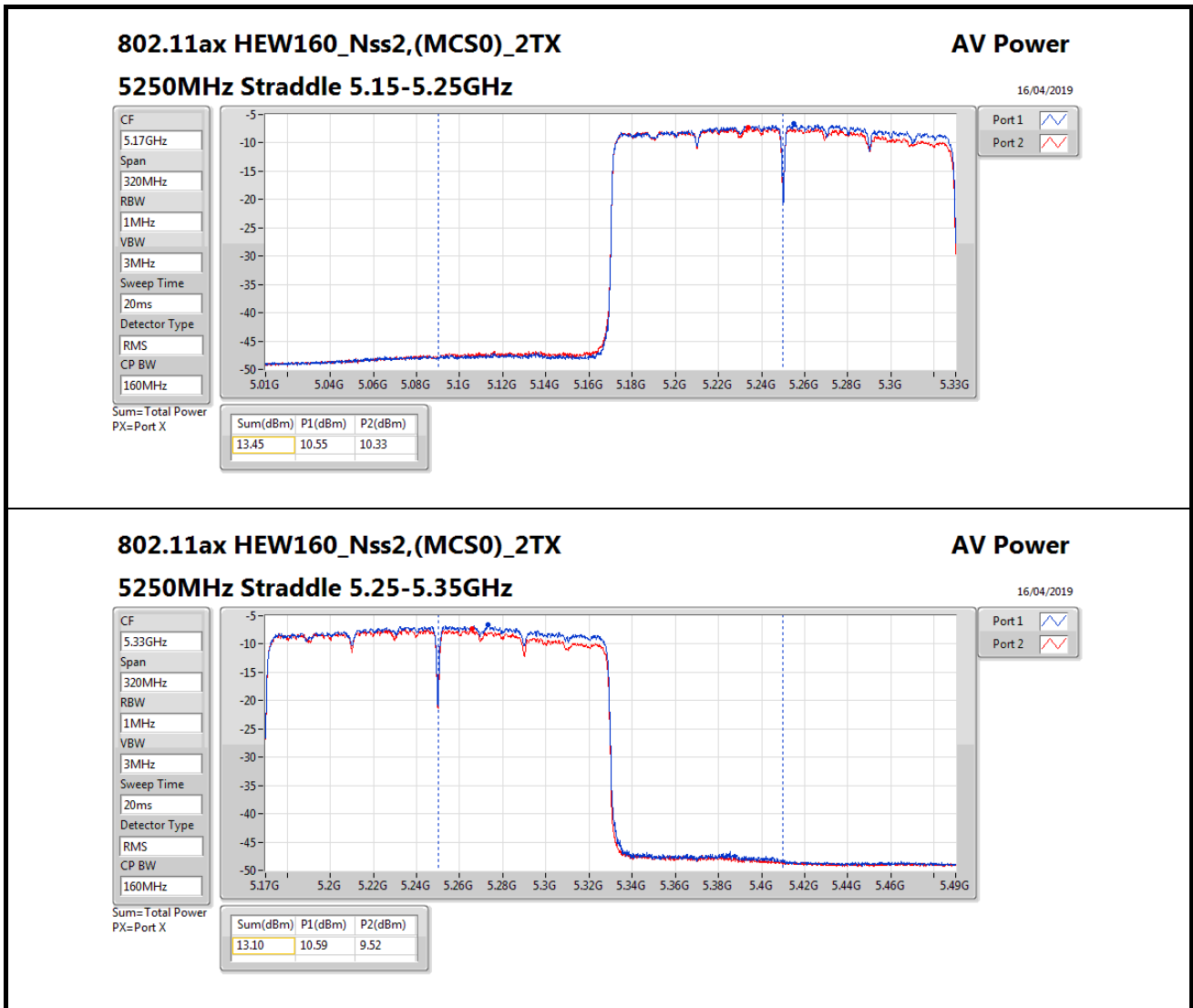
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.45	0.02213	21.72/18.75	0.14859
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.10	0.02042	21.37	0.13709



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 HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27/5.30	10.55	10.33	13.45	27.73	21.72/18.75	36.00/21.00	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	10.59	9.52	13.10	21.71	21.37	Inf	13.25

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 HEW160_Nss1,(MCS0)_4TX	15.32	0.03404	23.59/20.62	0.22856
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.42	0.03483	23.69	0.23388



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 HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27/5.30	9.48	9.15	9.41	9.15	15.32	27.73	23.59/20.62	36.00/21.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	9.72	8.62	9.82	9.32	15.42	21.71	23.69	Inf	12.5

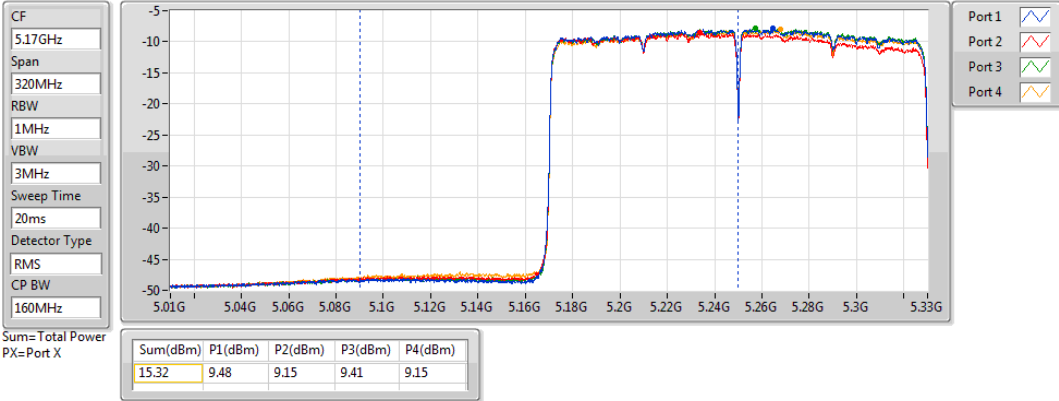
DG = Directional Gain;**Port X** = Port X output power.
 Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

15/04/2019

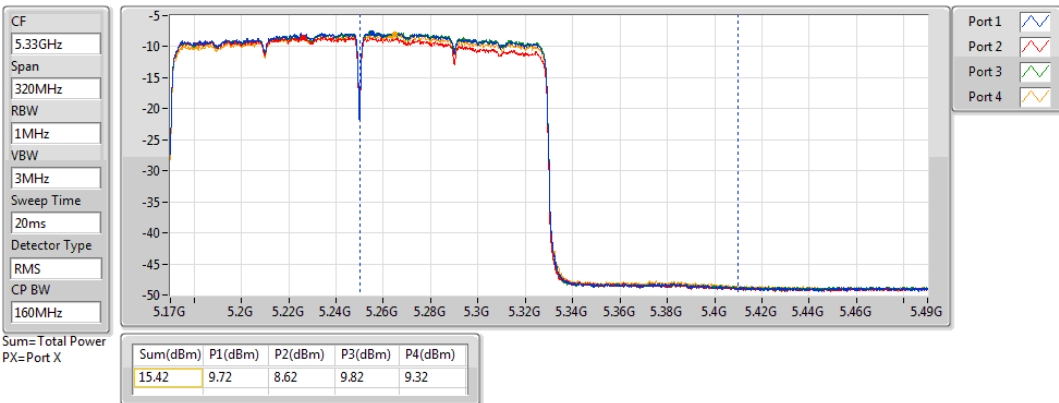


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

15/04/2019





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

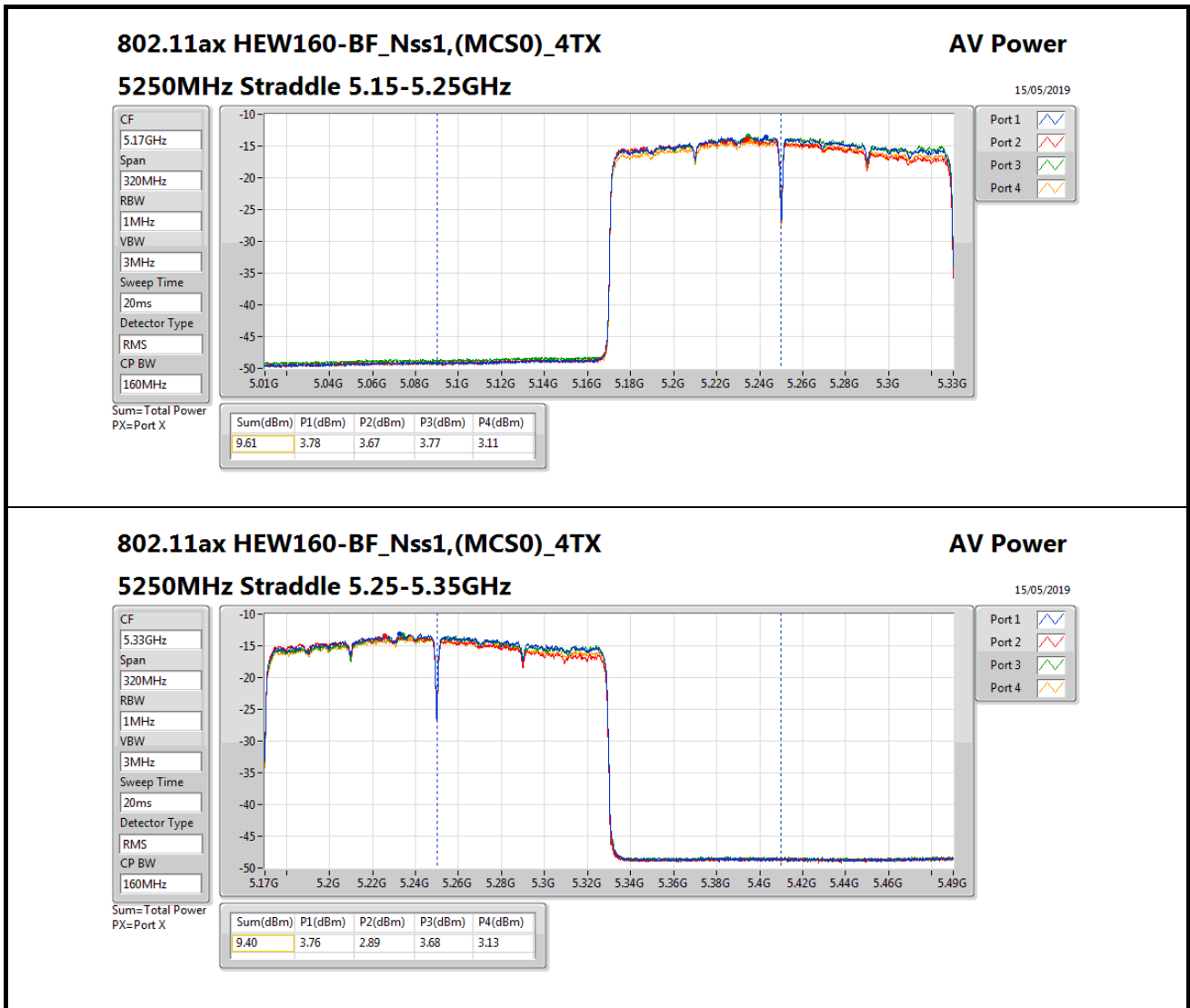
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.61	0.00914	23.90/20.93	0.24547
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.40	0.00871	23.69	0.23388



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 HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.29/11.32	3.78	3.67	3.77	3.11	9.61	21.71	23.90/20.93	36.00/21.00	6.5
5250MHz Straddle 5.25-5.35GHz	Pass	14.29	3.76	2.89	3.68	3.13	9.40	15.69	23.69	Inf	6.5

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



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

AV Power

15/05/2019

CF: 5.33GHz

Span: 320MHz

RBW: 1MHz

VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 160MHz

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.40	3.76	2.89	3.68	3.13



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

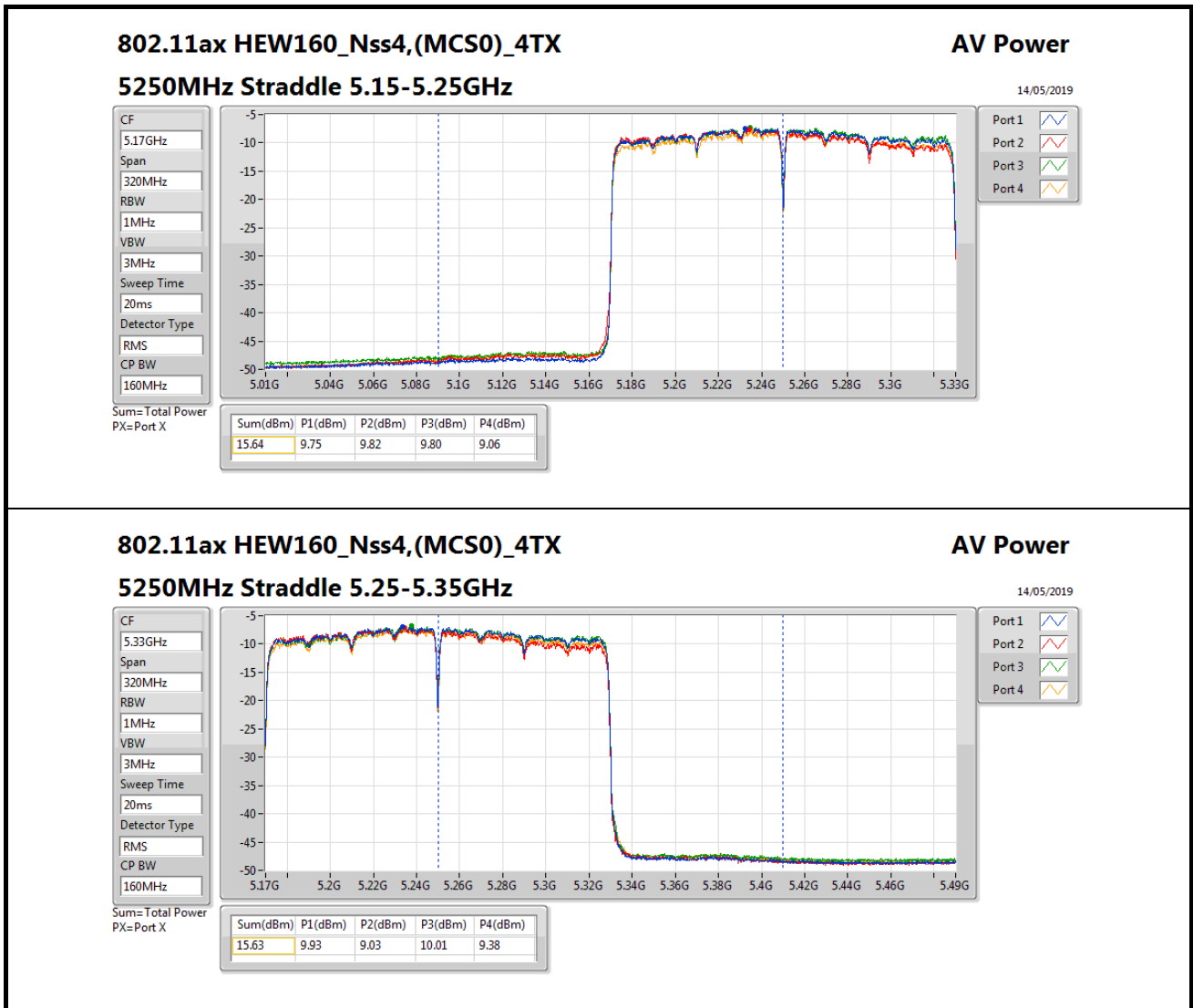
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.64	0.03664	23.91/20.94	0.24604
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.63	0.03656	23.90	0.24547



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 HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.27/5.30	9.75	9.82	9.80	9.06	15.64	27.73	23.91/20.94	36.00/21.00	13
5250MHz Straddle 5.25-5.35GHz	Pass	8.27	9.93	9.03	10.01	9.38	15.63	21.71	23.90	Inf	13

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 2 ~ Band 4:
Summary**

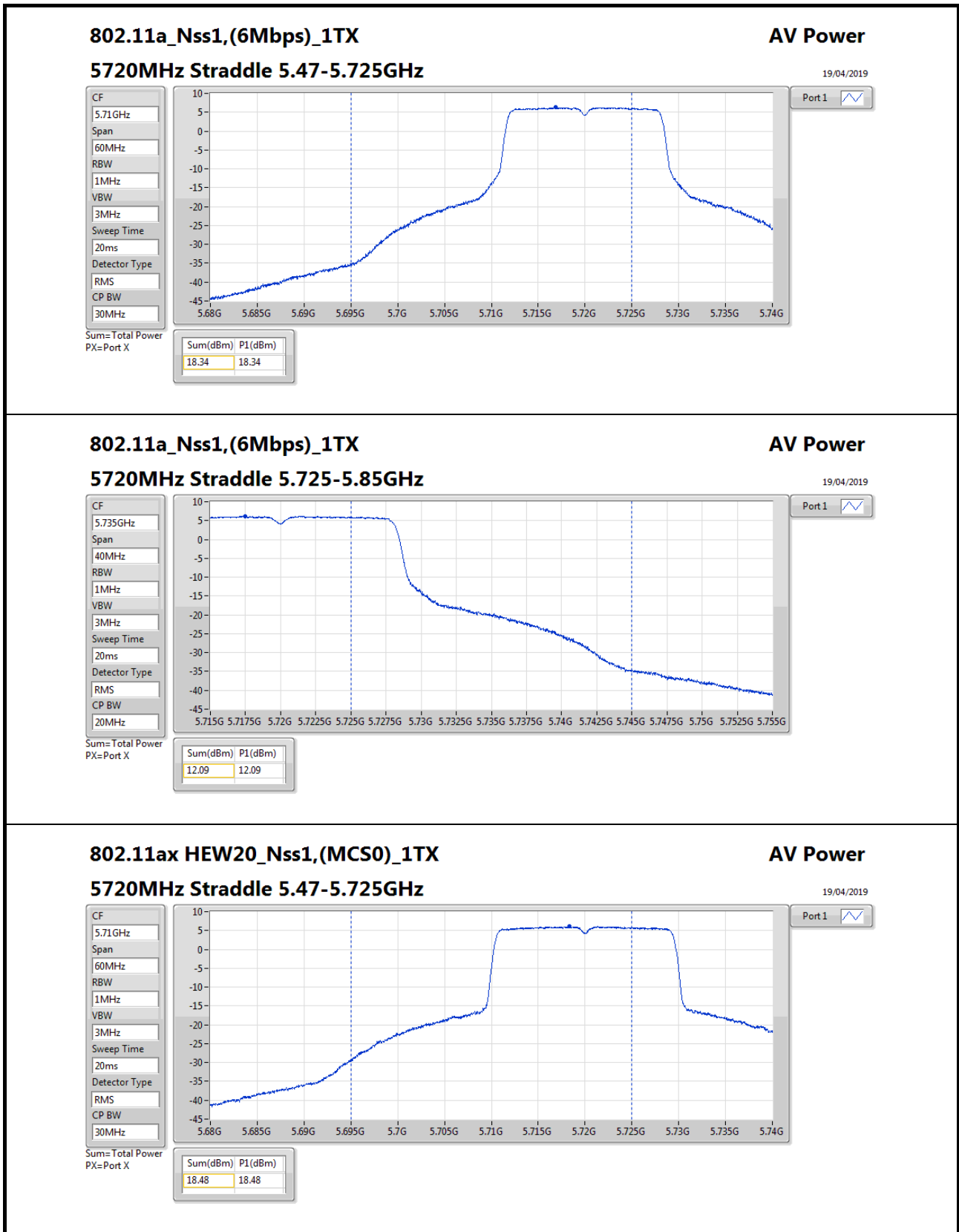
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	12.56	0.01803
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.76	0.11912
802.11ax HEW20_Nss1,(MCS0)_1TX	21.02	0.12647
802.11ax HEW40_Nss1,(MCS0)_1TX	21.07	0.12794
802.11ax HEW80_Nss1,(MCS0)_1TX	16.68	0.04656
802.11ax HEW160_Nss1,(MCS0)_1TX	12.56	0.01803
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.32	0.08551
802.11ax HEW20_Nss1,(MCS0)_1TX	20.40	0.10965
802.11ax HEW40_Nss1,(MCS0)_1TX	20.74	0.11858
802.11ax HEW80_Nss1,(MCS0)_1TX	20.62	0.11535
802.11ax HEW160_Nss1,(MCS0)_1TX	15.72	0.03733
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.09	0.01618
802.11ax HEW20_Nss1,(MCS0)_1TX	13.23	0.02104
802.11ax HEW40_Nss1,(MCS0)_1TX	10.34	0.01081
802.11ax HEW80_Nss1,(MCS0)_1TX	6.95	0.00495

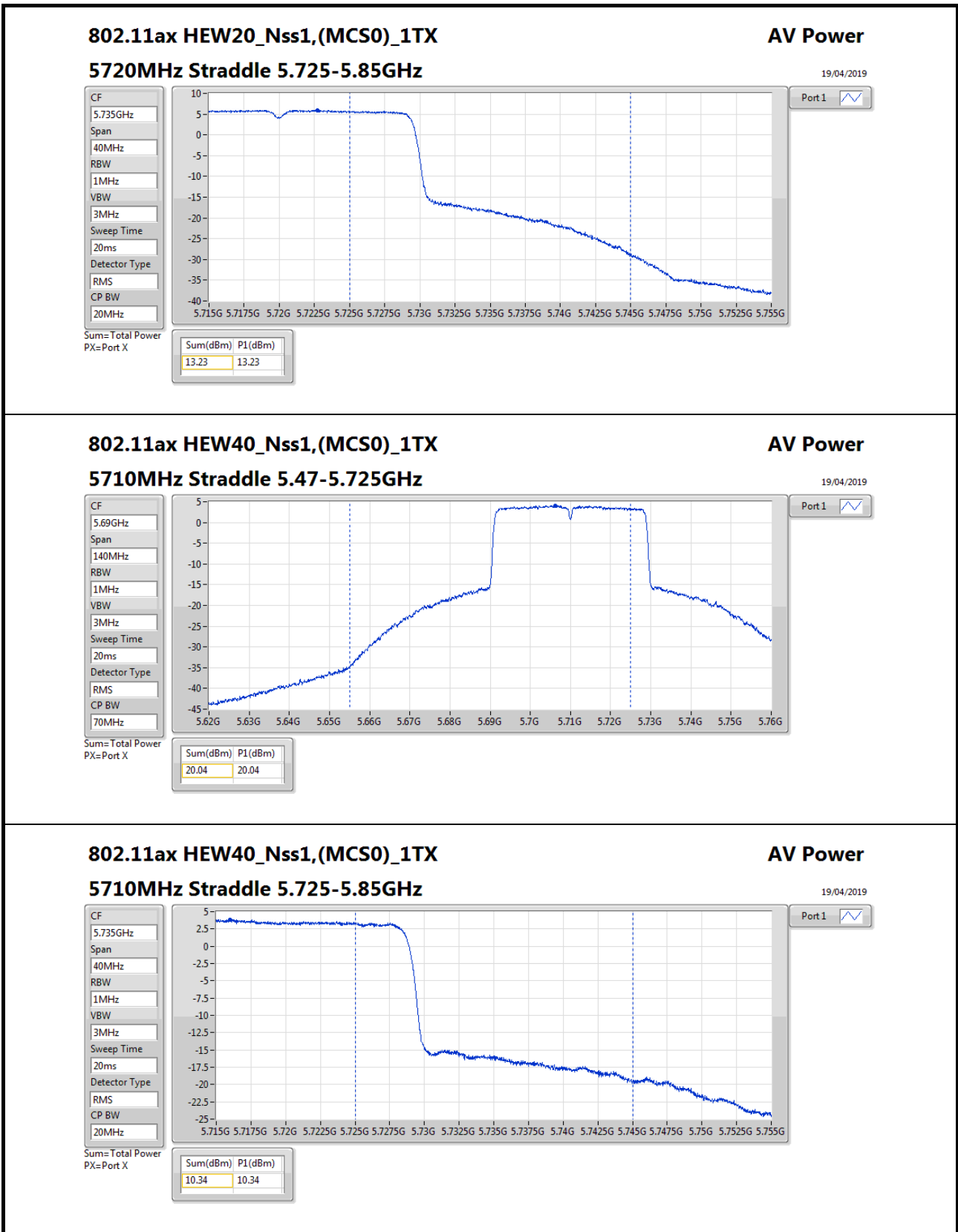


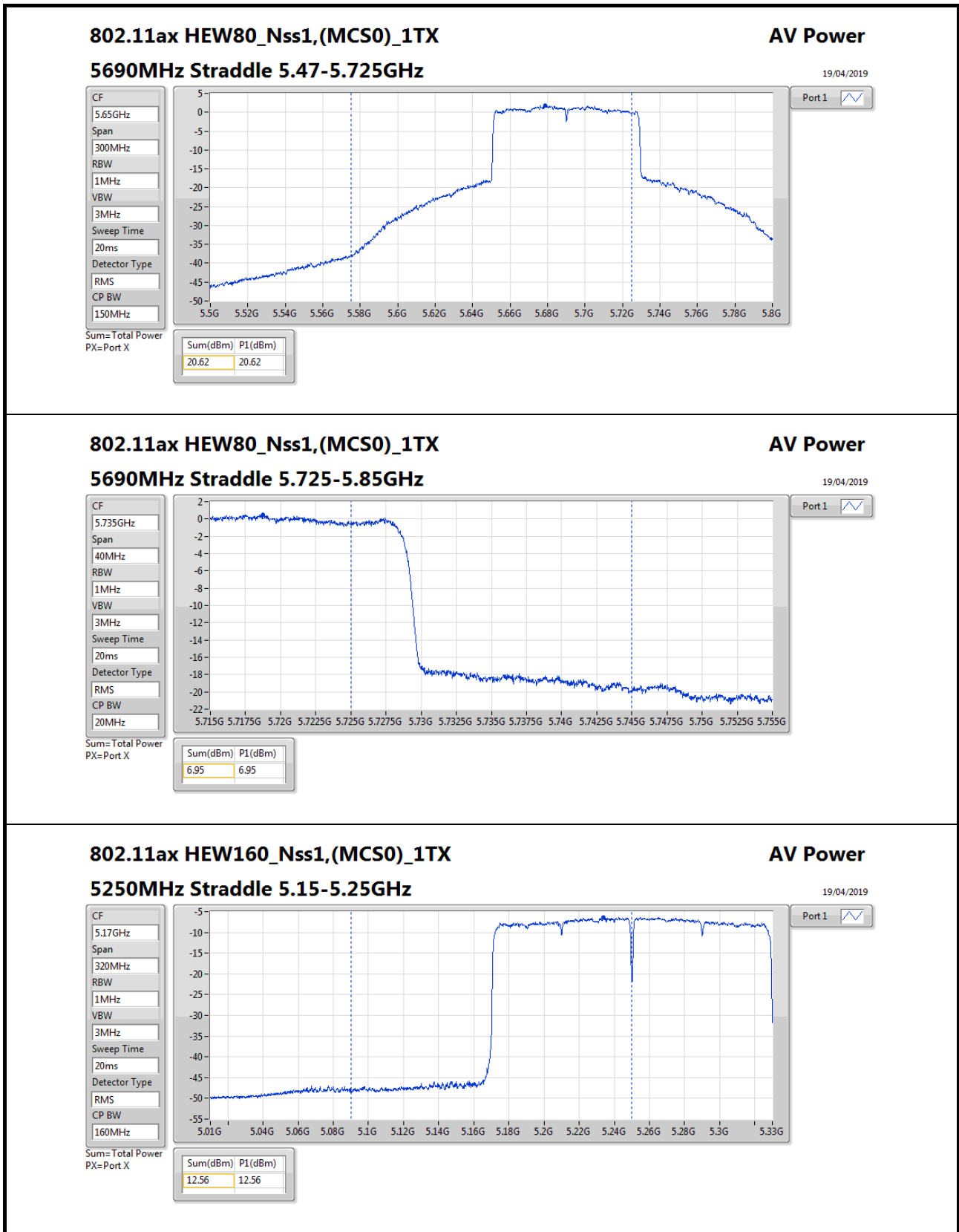
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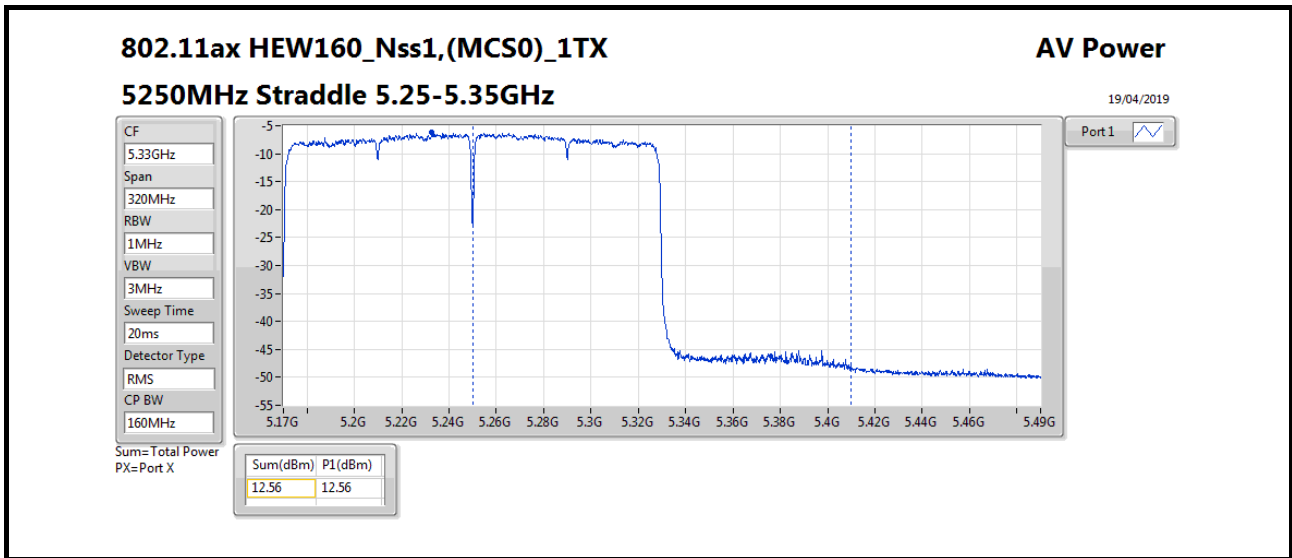
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	6.16	20.22	20.22	23.82	20.25
5300MHz	Pass	6.16	20.76	20.76	23.82	20.75
5320MHz	Pass	6.16	19.80	19.80	23.82	20
5500MHz	Pass	6.16	18.29	18.29	23.82	18.25
5580MHz	Pass	6.16	19.32	19.32	23.82	19.5
5700MHz	Pass	6.16	16.95	16.95	23.82	17
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	18.34	18.34	23.82	19.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	12.09	12.09	29.84	19.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	6.16	20.23	20.23	23.82	20.25
5300MHz	Pass	6.16	20.92	20.92	23.82	21
5320MHz	Pass	6.16	21.02	21.02	23.82	21
5500MHz	Pass	6.16	17.26	17.26	23.82	17.25
5580MHz	Pass	6.16	20.40	20.40	23.82	20.75
5700MHz	Pass	6.16	15.16	15.16	23.82	15.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	18.48	18.48	23.82	19.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	13.23	13.23	29.84	19.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	6.16	21.07	21.07	23.82	21.75
5310MHz	Pass	6.16	17.06	17.06	23.82	17
5510MHz	Pass	6.16	14.32	14.32	23.82	14.75
5550MHz	Pass	6.16	20.74	20.74	23.82	21
5670MHz	Pass	6.16	17.62	17.62	23.82	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	20.04	20.04	23.82	20.75
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	10.34	10.34	29.84	20.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	6.16	16.68	16.68	23.82	16.75
5530MHz	Pass	6.16	16.12	16.12	23.82	16.5
5610MHz	Pass	6.16	20.31	20.31	23.82	20.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	20.62	20.62	23.82	21.5
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	6.95	6.95	29.84	21.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	12.56	12.56	29.84	15
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	12.56	12.56	23.82	15
5570MHz	Pass	6.16	15.72	15.72	23.82	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 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	14.52	0.02831
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.62	0.23014
802.11ax HEW40_Nss2,(MCS0)_2TX	23.54	0.22594
802.11ax HEW80_Nss2,(MCS0)_2TX	18.78	0.07551
802.11ax HEW160_Nss2,(MCS0)_2TX	14.77	0.02999
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.27	0.21232
802.11ax HEW40_Nss2,(MCS0)_2TX	23.48	0.22284
802.11ax HEW80_Nss2,(MCS0)_2TX	23.60	0.22909
802.11ax HEW160_Nss2,(MCS0)_2TX	17.52	0.05649
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	16.15	0.04121
802.11ax HEW40_Nss2,(MCS0)_2TX	13.04	0.02014
802.11ax HEW80_Nss2,(MCS0)_2TX	9.88	0.00973

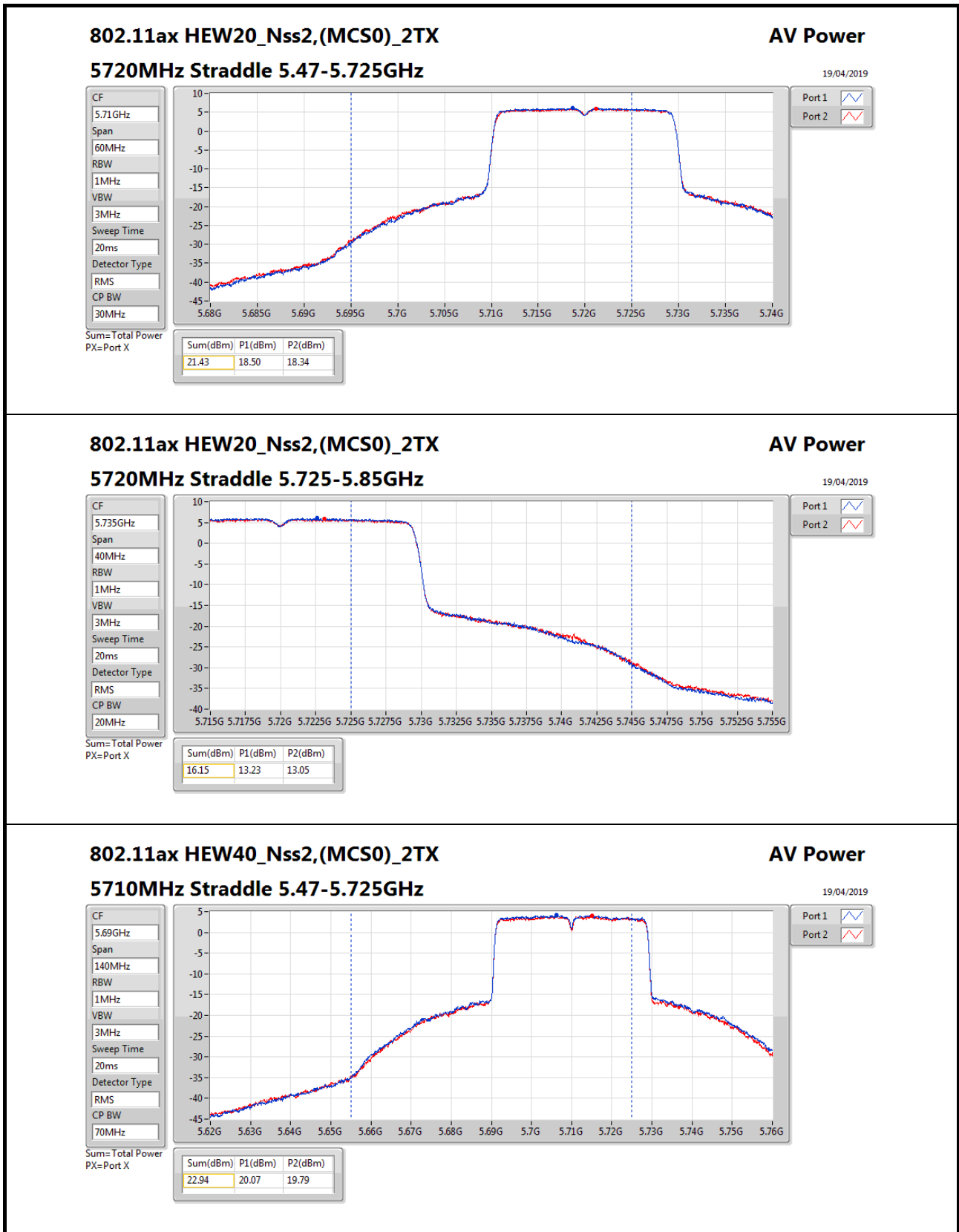


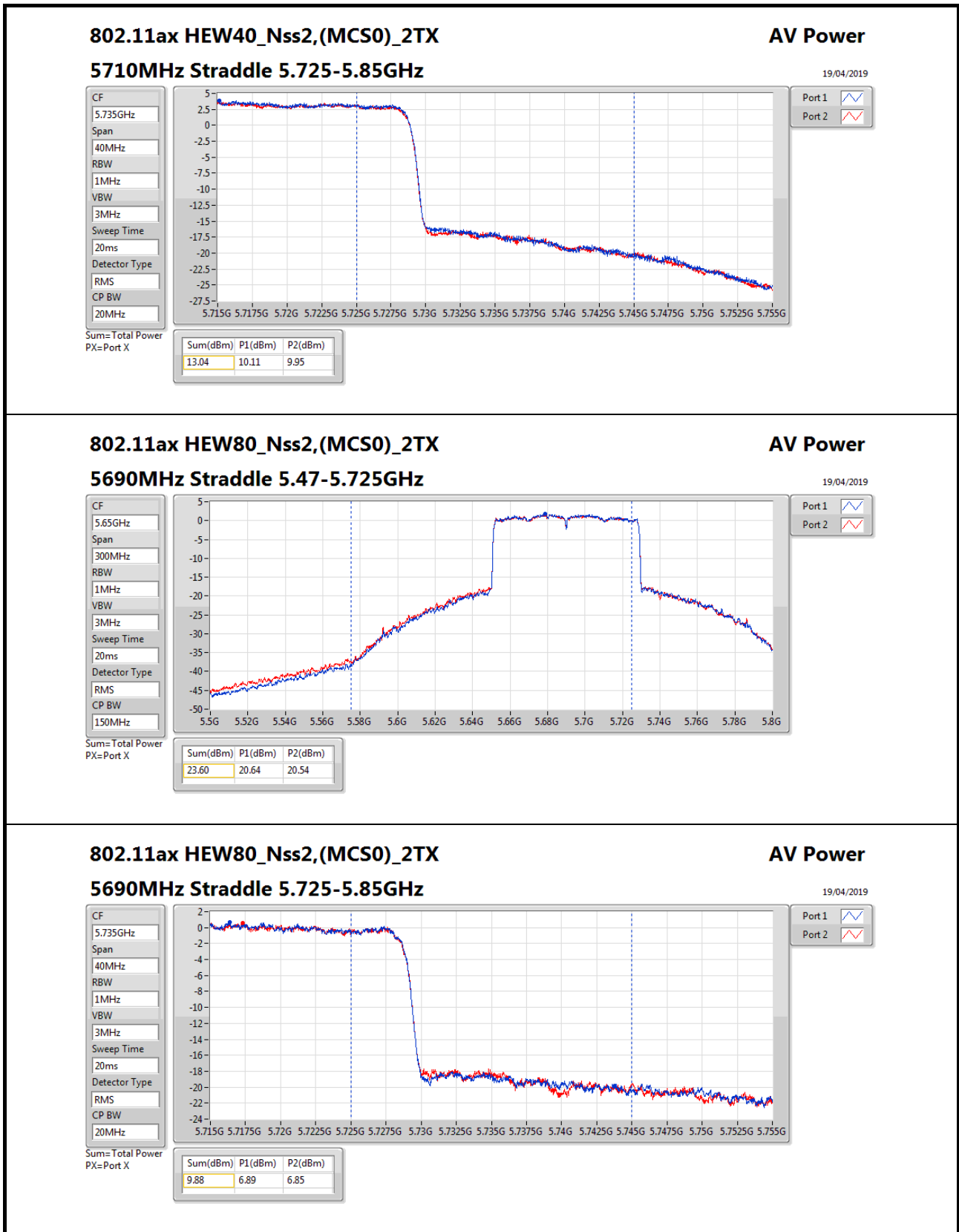
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	6.16	20.23	19.96	23.11	23.82	20.25
5300MHz	Pass	6.16	20.69	20.52	23.62	23.82	20.75
5320MHz	Pass	6.16	18.01	17.35	20.70	23.82	17.75
5500MHz	Pass	6.16	17.30	16.59	19.97	23.82	17.25
5580MHz	Pass	6.16	20.36	20.16	23.27	23.82	20.75
5700MHz	Pass	6.16	15.18	15.54	18.37	23.82	15.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	18.50	18.34	21.43	23.82	19.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	13.23	13.05	16.15	29.84	19.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	6.16	20.60	20.46	23.54	23.82	20.75
5310MHz	Pass	6.16	15.33	14.91	18.14	23.82	15.5
5510MHz	Pass	6.16	13.03	12.66	15.86	23.82	13.25
5550MHz	Pass	6.16	20.45	20.49	23.48	23.82	20.75
5670MHz	Pass	6.16	16.94	17.29	20.13	23.82	17
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	20.07	19.79	22.94	23.82	20.5
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	10.11	9.95	13.04	29.84	20.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	6.16	15.87	15.66	18.78	23.82	16
5530MHz	Pass	6.16	15.40	15.22	18.32	23.82	15.75
5610MHz	Pass	6.16	19.71	19.30	22.52	23.82	19.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	20.64	20.54	23.60	23.82	21
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	6.89	6.85	9.88	29.84	21
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	11.57	11.45	14.52	29.84	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	12.21	11.25	14.77	23.82	14.75
5570MHz	Pass	6.16	14.61	14.41	17.52	23.82	14.75

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

Note : Conducted setting = Pass conducted setting division 4.





802.11ax HEW80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.725-5.85GHz

AV Power

19/04/2019

CF
5.735GHz

Span
40MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

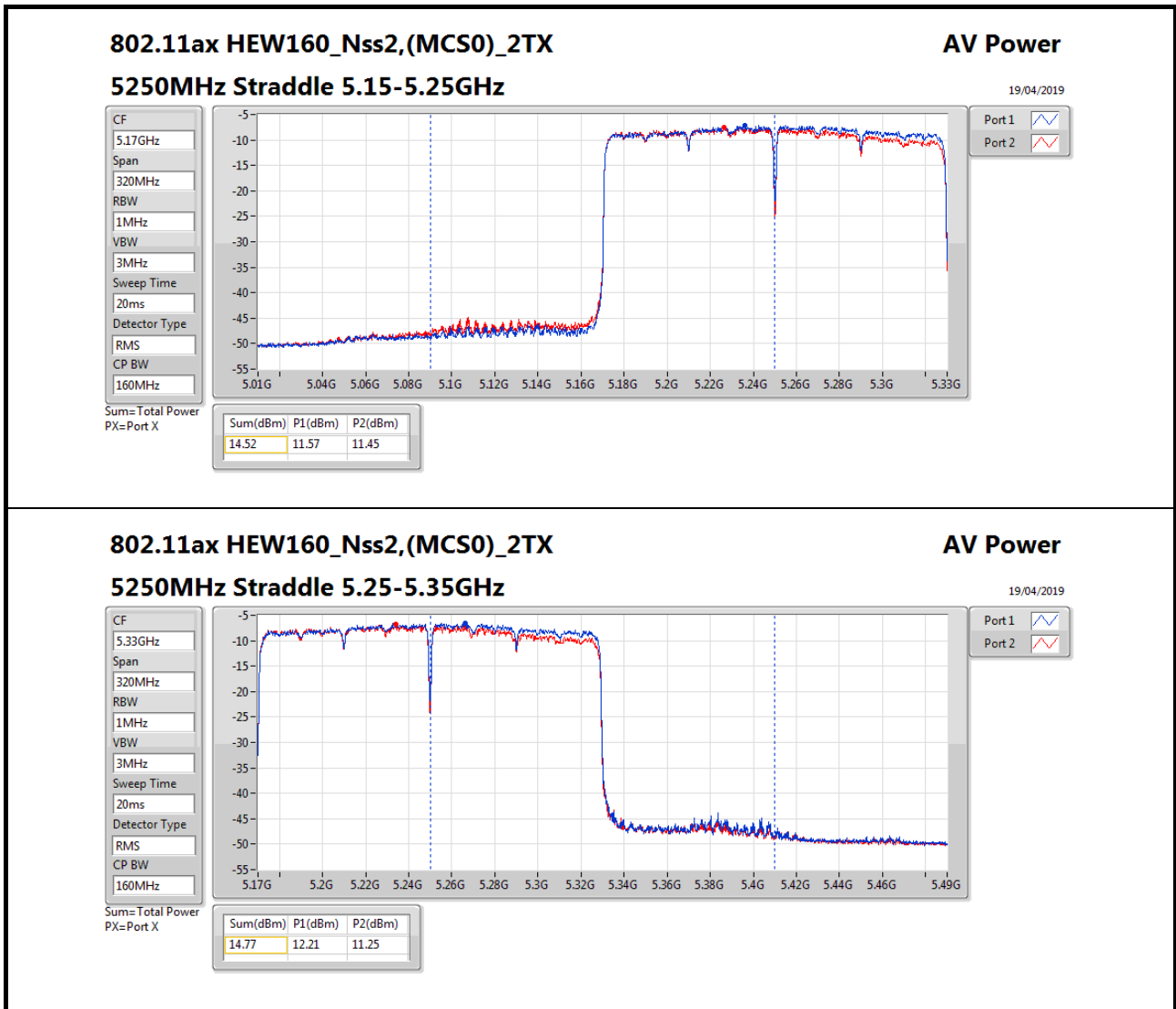
CP BW
20MHz

Port 1

Port 2

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
9.88	6.89	6.85



802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz

AV Power

19/04/2019



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

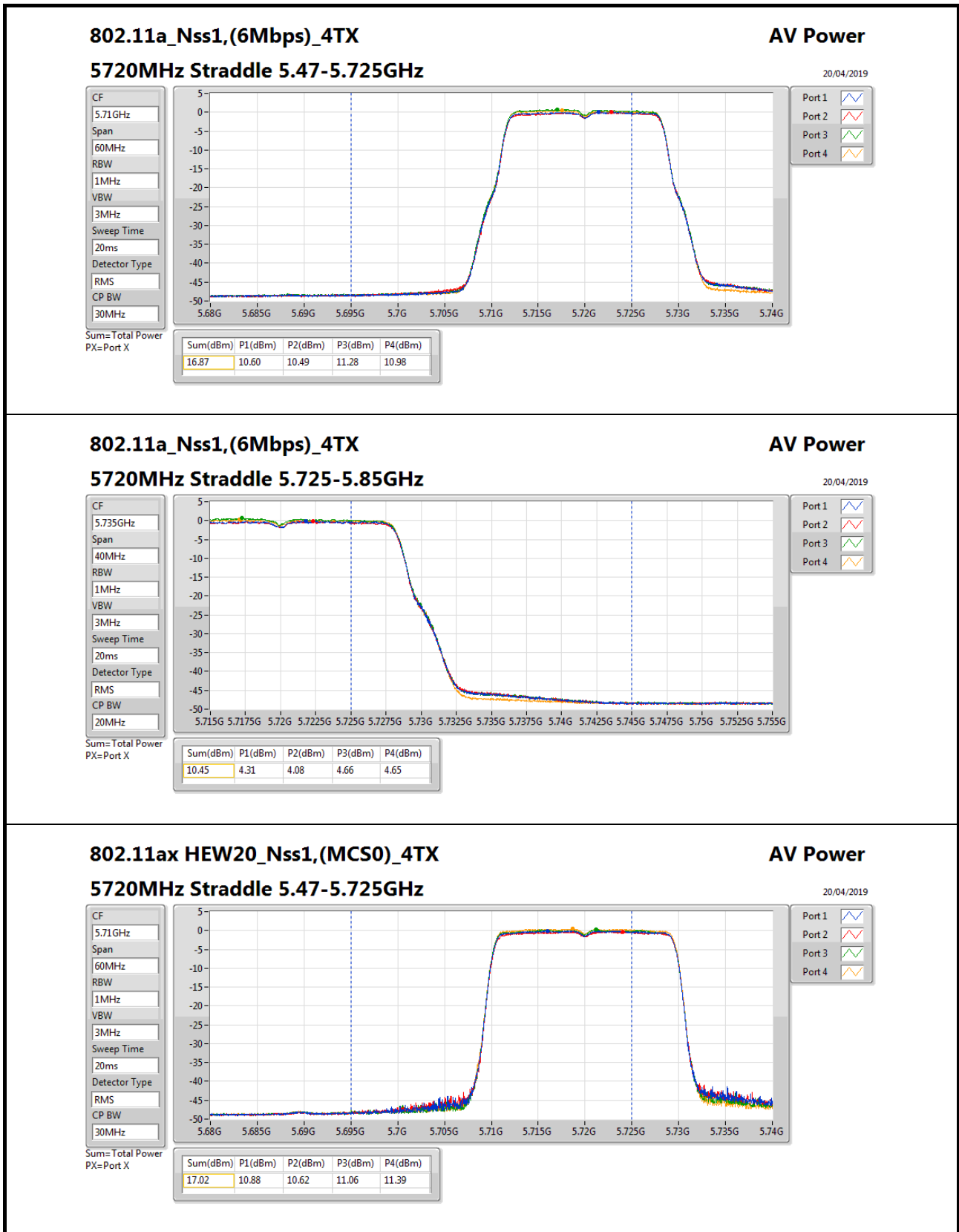
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	16.31	0.04276
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.11	0.06471
802.11ax HEW20_Nss1,(MCS0)_4TX	18.43	0.06966
802.11ax HEW40_Nss1,(MCS0)_4TX	21.42	0.13868
802.11ax HEW80_Nss1,(MCS0)_4TX	21.21	0.13213
802.11ax HEW160_Nss1,(MCS0)_4TX	16.35	0.04315
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.19	0.06592
802.11ax HEW20_Nss1,(MCS0)_4TX	18.66	0.07345
802.11ax HEW40_Nss1,(MCS0)_4TX	21.54	0.14256
802.11ax HEW80_Nss1,(MCS0)_4TX	23.76	0.23768
802.11ax HEW160_Nss1,(MCS0)_4TX	20.59	0.11455
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.45	0.01109
802.11ax HEW20_Nss1,(MCS0)_4TX	11.77	0.01503
802.11ax HEW40_Nss1,(MCS0)_4TX	10.65	0.01161
802.11ax HEW80_Nss1,(MCS0)_4TX	9.78	0.00951

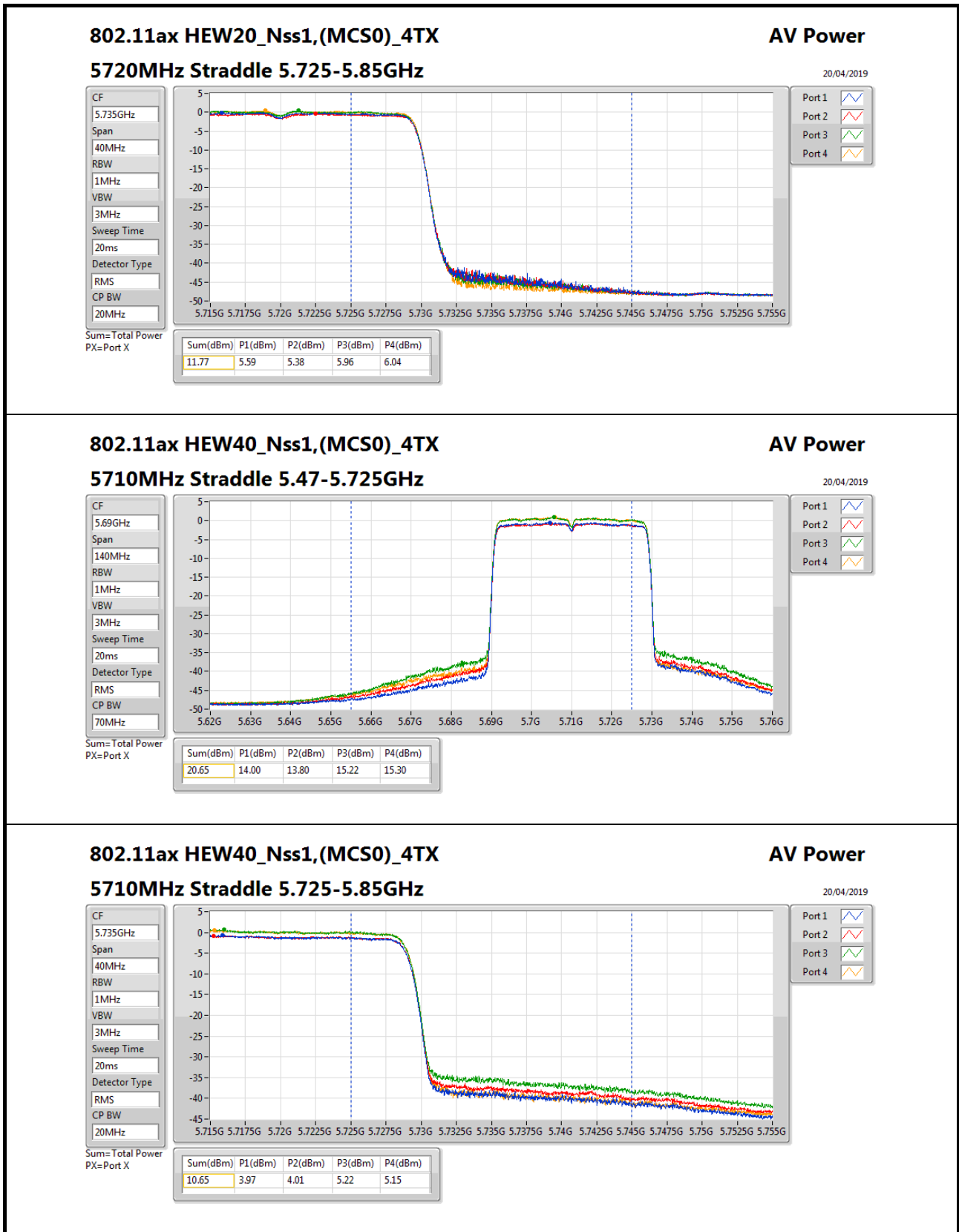


Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.16	12.44	11.79	12.70	11.31	18.11	23.82	12.5
5300MHz	Pass	6.16	12.07	11.71	12.78	11.33	18.03	23.82	12.5
5320MHz	Pass	6.16	12.51	11.43	12.47	11.54	18.04	23.82	13
5500MHz	Pass	6.16	11.69	11.08	12.56	12.23	17.95	23.82	12.75
5580MHz	Pass	6.16	11.62	10.93	12.57	12.73	18.04	23.82	12.5
5700MHz	Pass	6.16	11.98	11.72	12.61	12.33	18.19	23.82	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	10.60	10.49	11.28	10.98	16.87	22.78	12.25
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	4.31	4.08	4.66	4.65	10.45	29.84	12.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.16	12.78	11.88	12.85	11.91	18.40	23.82	12.75
5300MHz	Pass	6.16	12.57	11.98	13.01	11.74	18.37	23.82	12.75
5320MHz	Pass	6.16	12.70	12.22	12.96	11.65	18.43	23.82	13
5500MHz	Pass	6.16	12.08	11.84	12.98	12.87	18.49	23.82	13
5580MHz	Pass	6.16	12.06	11.81	13.37	13.11	18.66	23.82	12.75
5700MHz	Pass	6.16	11.13	10.82	11.51	11.49	17.27	23.82	11.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	10.88	10.62	11.06	11.39	17.02	22.78	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	5.59	5.38	5.96	6.04	11.77	29.84	12.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.16	15.42	15.24	15.88	15.01	21.42	23.82	15.5
5310MHz	Pass	6.16	15.51	15.25	15.55	15.08	21.37	23.82	15.75
5510MHz	Pass	6.16	14.16	13.86	14.22	14.72	20.27	23.82	14.5
5550MHz	Pass	6.16	15.28	15.08	15.55	15.96	21.50	23.82	15.5
5670MHz	Pass	6.16	15.13	14.61	16.16	16.01	21.54	23.82	15
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	14.00	13.80	15.22	15.30	20.65	23.82	15
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	3.97	4.01	5.22	5.15	10.65	29.84	15
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.16	15.42	14.87	15.65	14.75	21.21	23.82	15.5
5530MHz	Pass	6.16	14.62	14.48	15.52	15.39	21.05	23.82	15.25
5610MHz	Pass	6.16	17.21	17.34	17.76	17.80	23.56	23.82	17.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	17.39	17.34	17.84	18.31	23.76	23.82	18
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	3.50	3.58	3.78	4.14	9.78	29.84	18
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	10.10	10.27	10.65	10.12	16.31	29.84	14
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	10.28	9.67	10.88	10.42	16.35	23.82	14
5570MHz	Pass	6.16	14.32	14.02	14.79	15.06	20.59	23.82	14.5

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





802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

AV Power
20/04/2019

CF: 5.735GHz

Span: 40MHz

RBW: 1MHz

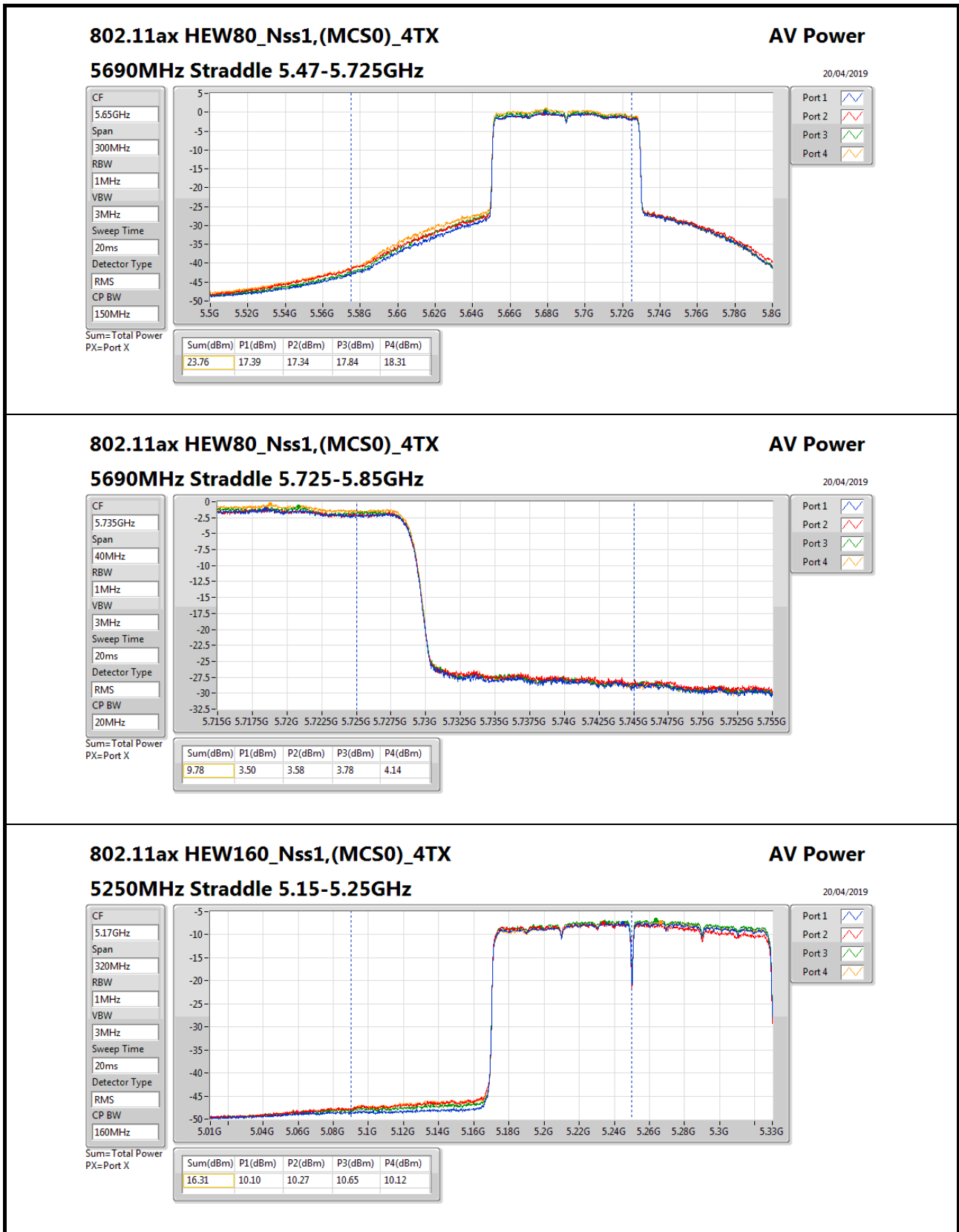
VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 20MHz

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.65	3.97	4.01	5.22	5.15



802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

AV Power

20/04/2019

CF
5.17GHz

Span
320MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
160MHz

Port 1

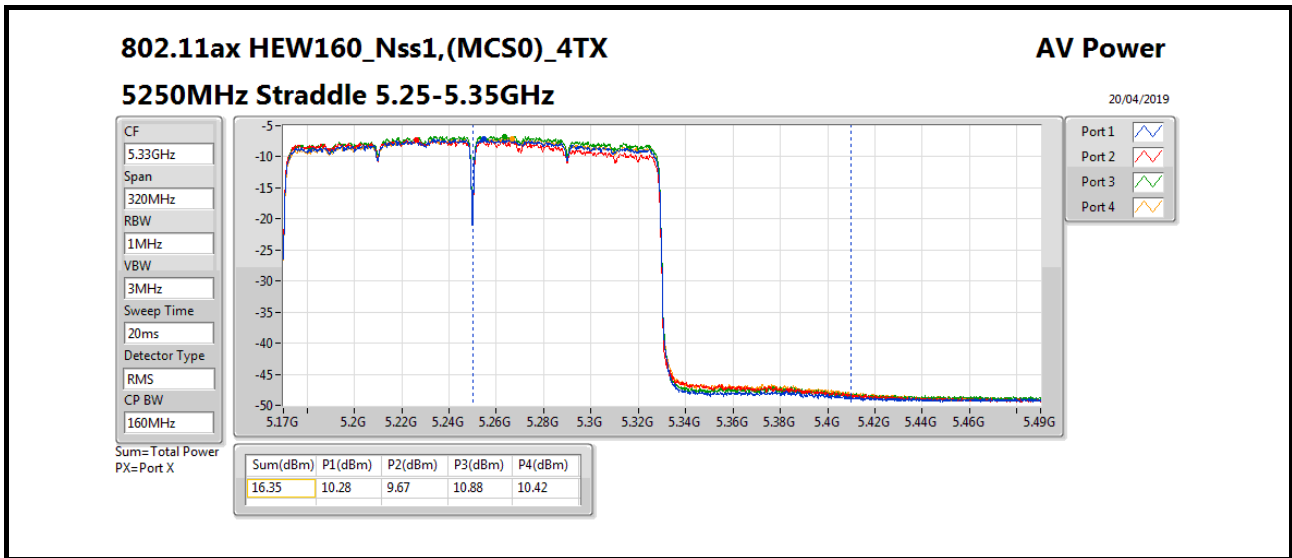
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.31	10.10	10.27	10.65	10.12





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	16.01	0.03990
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.78	0.05998
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.76	0.05970
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.78	0.05998
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.86	0.03855
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.68	0.05861
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.79	0.06012
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.79	0.06012
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.79	0.06012
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.41	0.01384
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.89	0.00615
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.01	0.00252

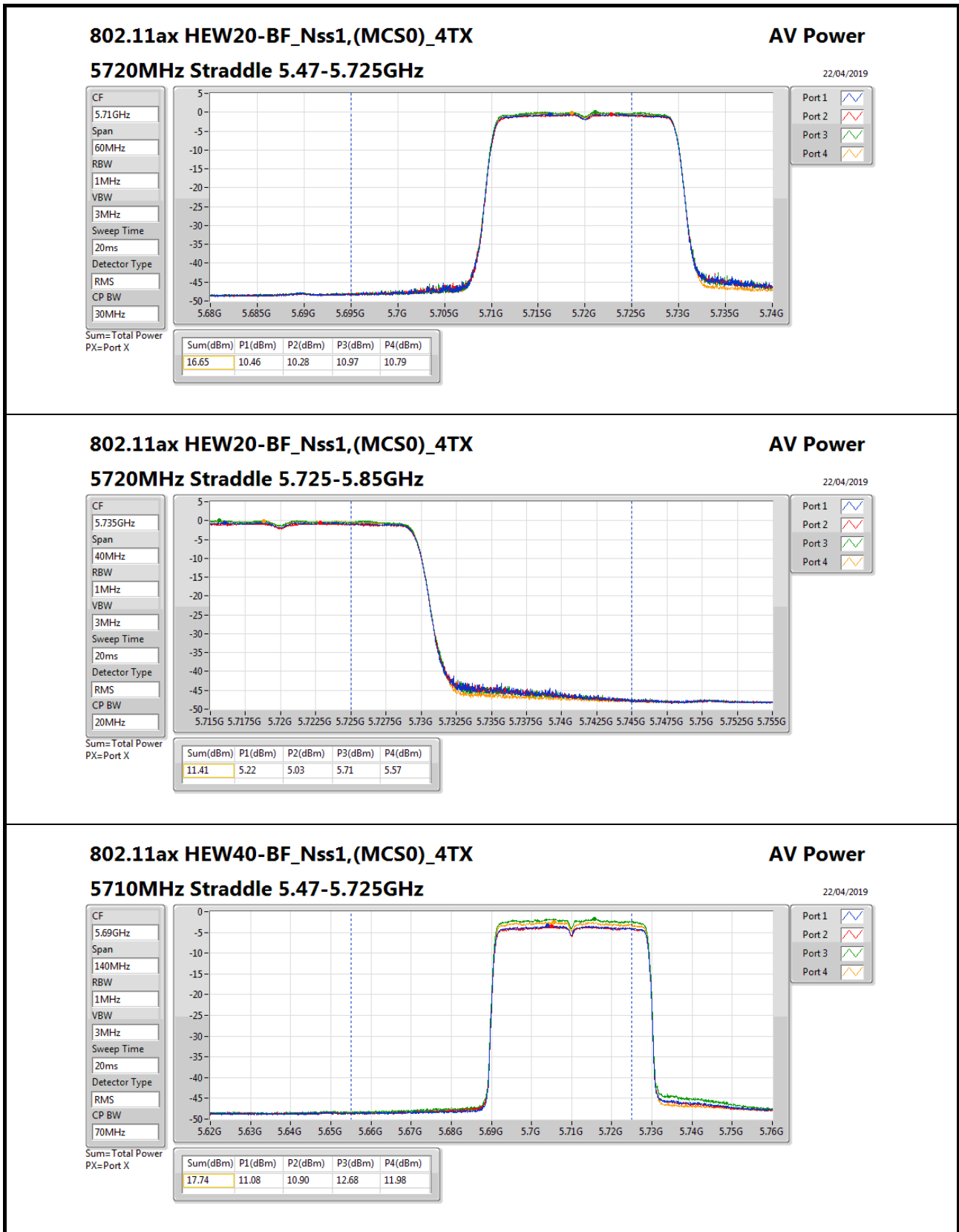


Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.18	11.89	11.30	12.35	11.40	17.78	17.80	12
5300MHz	Pass	12.18	12.01	11.21	12.36	11.26	17.76	17.80	12.25
5320MHz	Pass	12.18	11.95	11.43	12.35	11.04	17.74	17.80	12.5
5500MHz	Pass	12.18	11.37	11.07	12.22	11.87	17.68	17.80	12
5580MHz	Pass	12.18	11.25	10.75	12.39	11.84	17.62	17.80	11.75
5700MHz	Pass	12.18	10.15	9.82	10.67	10.42	16.30	17.80	10.25
5720MHz Straddle 5.47-5.725GHz	Pass	12.18	10.46	10.28	10.97	10.79	16.65	16.77	12
5720MHz Straddle 5.725-5.85GHz	Pass	12.18	5.22	5.03	5.71	5.57	11.41	23.82	12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	12.18	12.19	11.47	11.95	11.23	17.75	17.80	12.25
5310MHz	Pass	12.18	11.95	11.45	12.12	11.39	17.76	17.80	12.5
5510MHz	Pass	12.18	10.89	10.33	10.58	11.28	16.81	17.80	11.25
5550MHz	Pass	12.18	11.35	11.24	11.88	12.19	17.70	17.80	12
5670MHz	Pass	12.18	11.19	11.11	12.53	12.07	17.79	17.80	11.5
5710MHz Straddle 5.47-5.725GHz	Pass	12.18	11.08	10.90	12.68	11.98	17.74	17.80	11.75
5710MHz Straddle 5.725-5.85GHz	Pass	12.18	1.38	1.14	2.75	2.03	7.89	23.82	11.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	12.18	12.16	11.45	12.04	11.31	17.78	17.80	12.25
5530MHz	Pass	12.18	11.17	11.08	12.48	12.05	17.76	17.80	12
5610MHz	Pass	12.18	11.07	11.25	12.04	11.97	17.62	17.80	11.75
5690MHz Straddle 5.47-5.725GHz	Pass	12.18	11.38	11.19	12.32	12.09	17.79	17.80	12
5690MHz Straddle 5.725-5.85GHz	Pass	12.18	-2.36	-2.30	-1.52	-1.90	4.01	23.82	12
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.18	9.97	9.87	10.44	9.62	16.01	23.82	13.5
5250MHz Straddle 5.25-5.35GHz	Pass	12.18	9.91	9.12	10.48	9.74	15.86	17.80	13.5
5570MHz	Pass	12.18	11.36	11.21	12.14	12.26	17.79	17.80	11.75

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

Note : Conducted setting = Pass conducted setting division 4.



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

AV Power

22/04/2019

CF

5.69GHz

Span

140MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

70MHz

Port 1

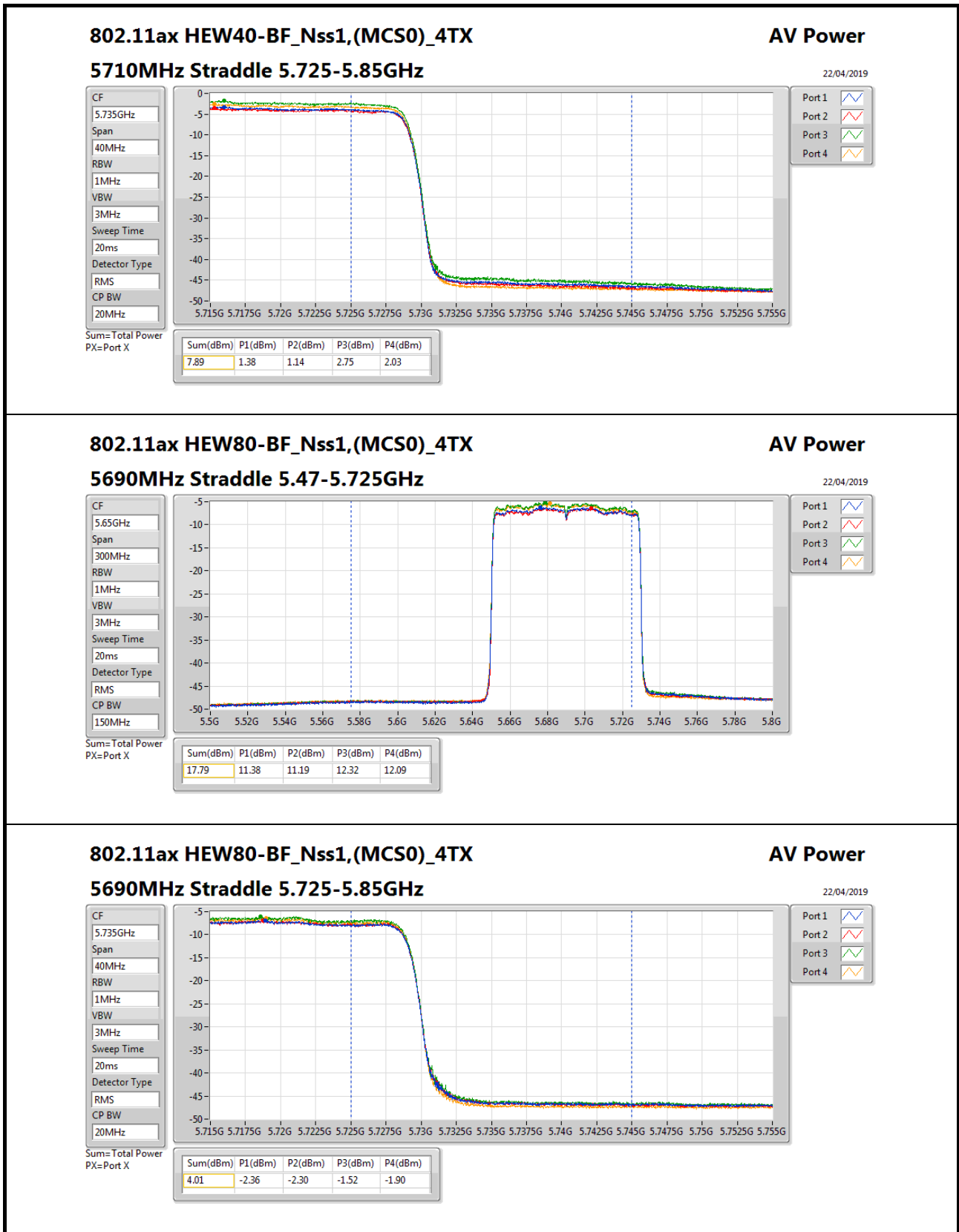
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.74	11.08	10.90	12.68	11.98



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

AV Power

22/04/2019

CF: 5.735GHz

Span: 40MHz

RBW: 1MHz

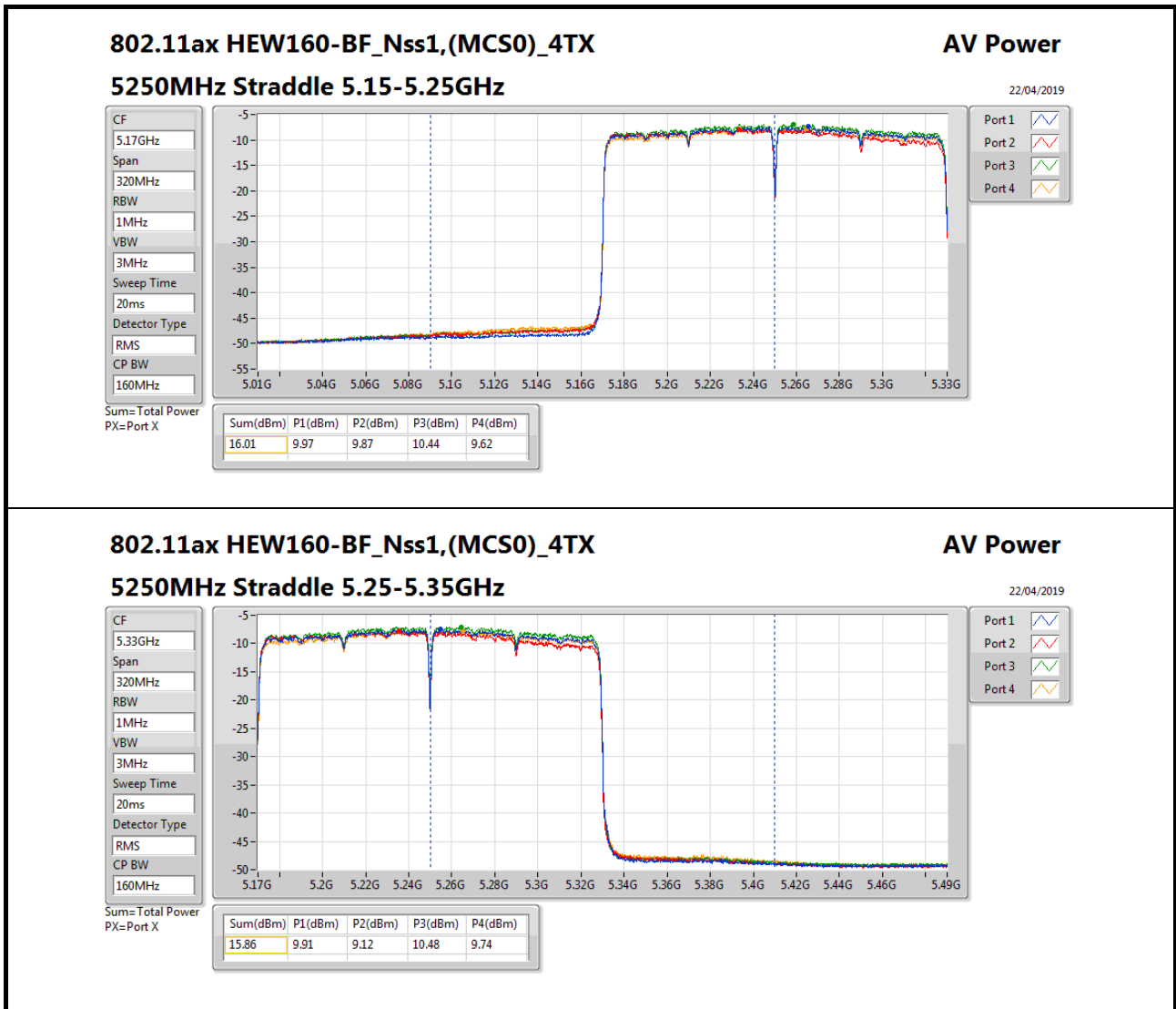
VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 20MHz

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.01	-2.36	-2.30	-1.52	-1.90





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	16.96	0.04966
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.76	0.23768
802.11ax HEW40_Nss4,(MCS0)_4TX	23.72	0.23550
802.11ax HEW80_Nss4,(MCS0)_4TX	20.59	0.11455
802.11ax HEW160_Nss4,(MCS0)_4TX	16.87	0.04864
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.70	0.23442
802.11ax HEW40_Nss4,(MCS0)_4TX	23.74	0.23659
802.11ax HEW80_Nss4,(MCS0)_4TX	23.76	0.23768
802.11ax HEW160_Nss4,(MCS0)_4TX	20.34	0.10814
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	17.38	0.05470
802.11ax HEW40_Nss4,(MCS0)_4TX	13.81	0.02404
802.11ax HEW80_Nss4,(MCS0)_4TX	10.15	0.01035

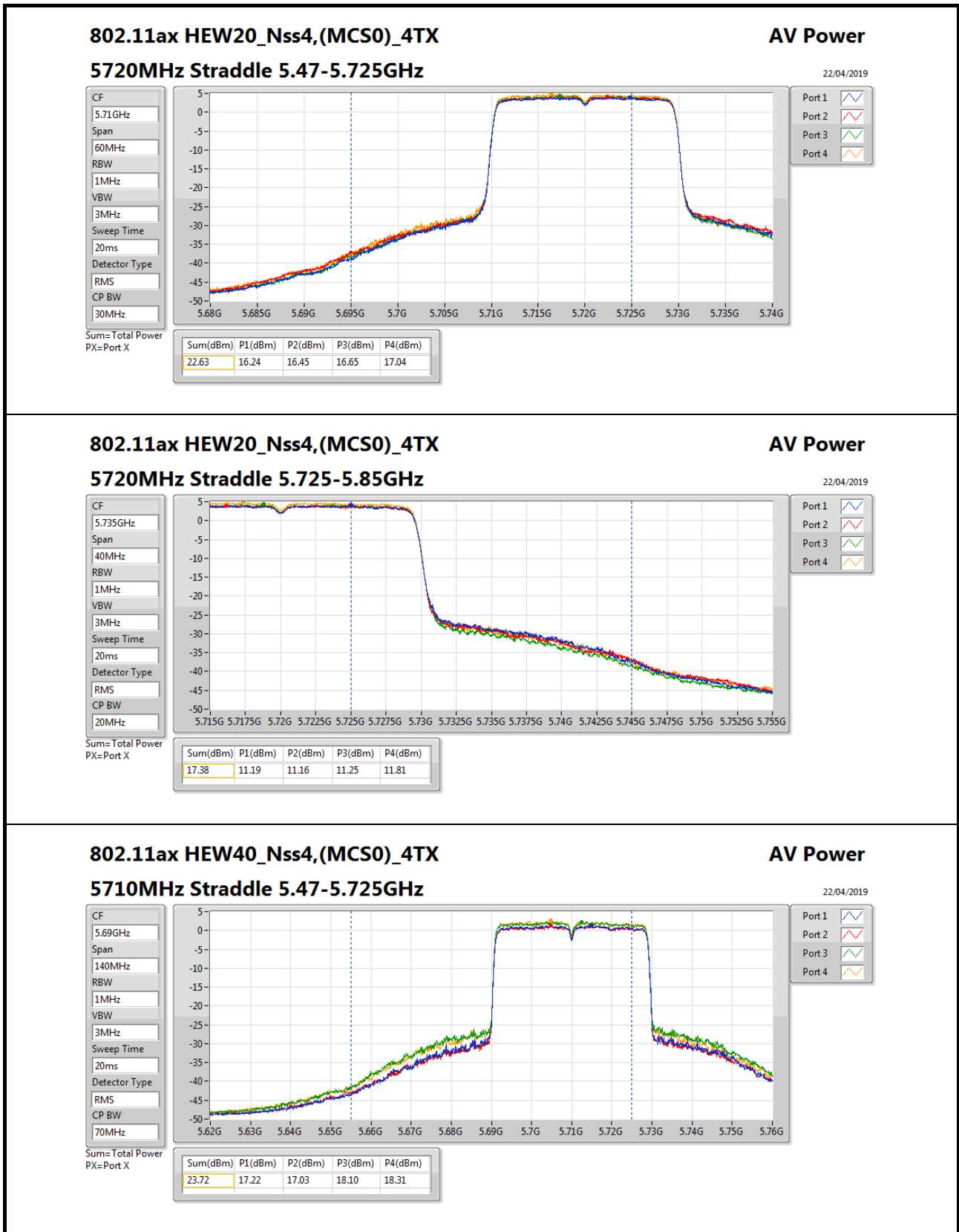


Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.16	17.49	17.25	18.04	17.51	23.60	23.82	17.5
5300MHz	Pass	6.16	18.09	17.51	17.91	17.43	23.76	23.82	17.75
5320MHz	Pass	6.16	16.71	16.43	16.75	16.61	22.65	23.82	17
5500MHz	Pass	6.16	15.31	14.45	15.67	15.54	21.29	23.82	15.5
5580MHz	Pass	6.16	17.24	17.39	17.87	18.14	23.70	23.82	17.5
5700MHz	Pass	6.16	11.40	11.37	11.75	11.62	17.56	23.82	11.5
5720MHz Straddle 5.47-5.725GHz	Pass	6.16	16.24	16.45	16.65	17.04	22.63	22.85	16.75
5720MHz Straddle 5.725-5.85GHz	Pass	6.16	11.19	11.16	11.25	11.81	17.38	29.84	16.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.16	17.81	17.73	17.82	17.42	23.72	23.82	17.5
5310MHz	Pass	6.16	14.83	13.92	14.77	14.17	20.46	23.82	15
5510MHz	Pass	6.16	13.65	13.79	14.25	14.46	20.07	23.82	14.25
5550MHz	Pass	6.16	17.62	17.31	17.54	18.33	23.74	23.82	17.75
5670MHz	Pass	6.16	15.68	15.50	17.16	16.88	22.39	23.82	15.75
5710MHz Straddle 5.47-5.725GHz	Pass	6.16	17.22	17.03	18.10	18.31	23.72	23.82	17.25
5710MHz Straddle 5.725-5.85GHz	Pass	6.16	7.42	7.18	8.19	8.28	13.81	29.84	17.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.16	14.79	13.96	15.23	14.20	20.59	23.82	15
5530MHz	Pass	6.16	14.31	14.09	15.04	14.93	20.63	23.82	14.75
5610MHz	Pass	6.16	14.19	14.33	14.83	15.05	20.63	23.82	14.75
5690MHz Straddle 5.47-5.725GHz	Pass	6.16	17.22	17.76	17.81	18.13	23.76	23.82	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	6.16	3.67	4.26	4.13	4.42	10.15	29.84	17.5
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16	11.04	10.99	11.09	10.64	16.96	29.84	14
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	10.90	10.40	11.12	10.95	16.87	23.82	14
5570MHz	Pass	6.16	13.65	14.13	14.74	14.67	20.34	23.82	14.25

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

Note : Conducted setting = Pass conducted setting division 4.



802.11ax HEW40_Nss4,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

AV Power
22/04/2019

CF: 5.69GHz

Span: 140MHz

RBW: 1MHz

VBW: 3MHz

Sweep Time: 20ms

Detector Type: RMS

CP BW: 70MHz

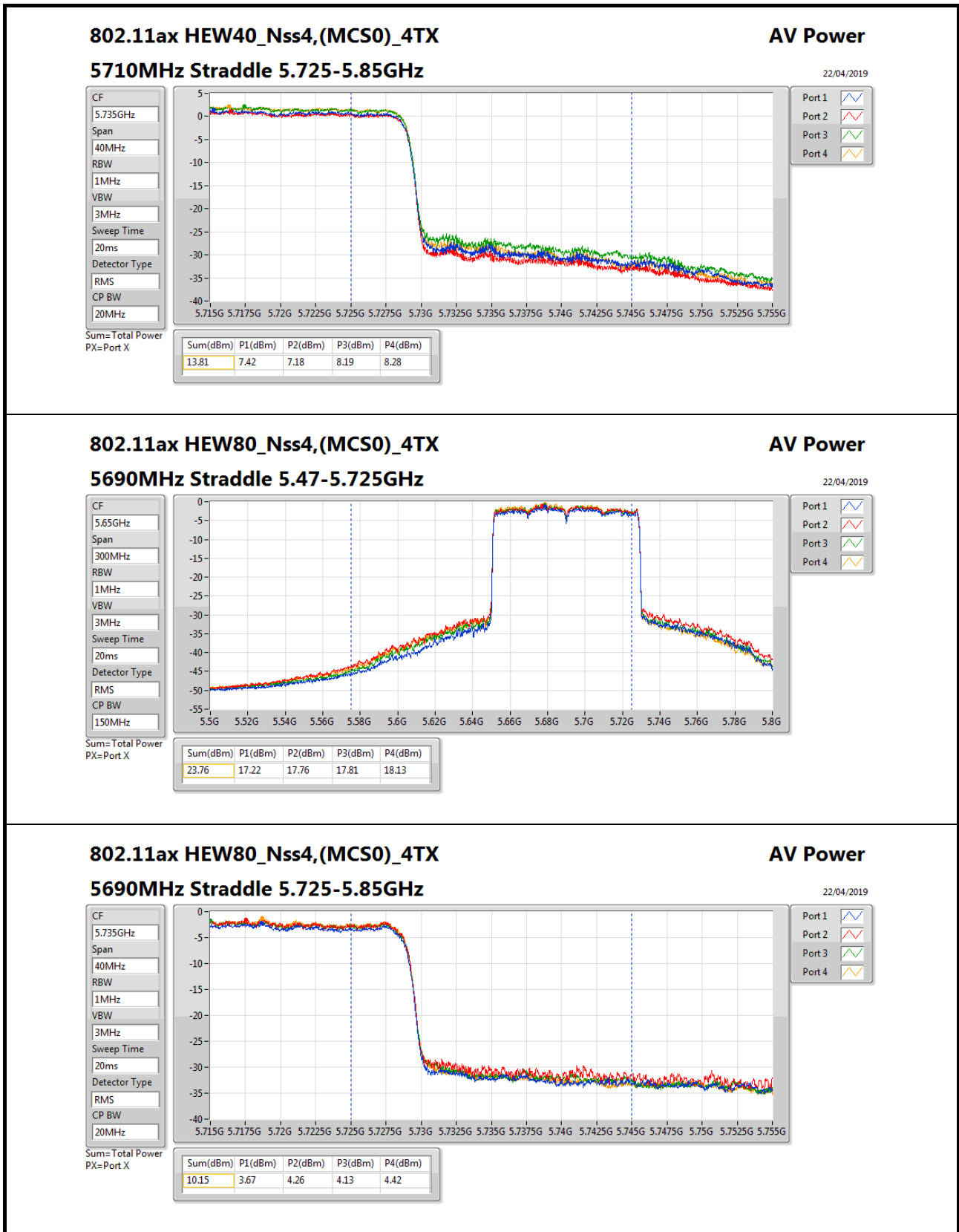
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.72	17.22	17.03	18.10	18.31

Port 1

Port 2

Port 3

Port 4



802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

AV Power
22/04/2019

CF
5.735GHz

Span
40MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz

Port 1

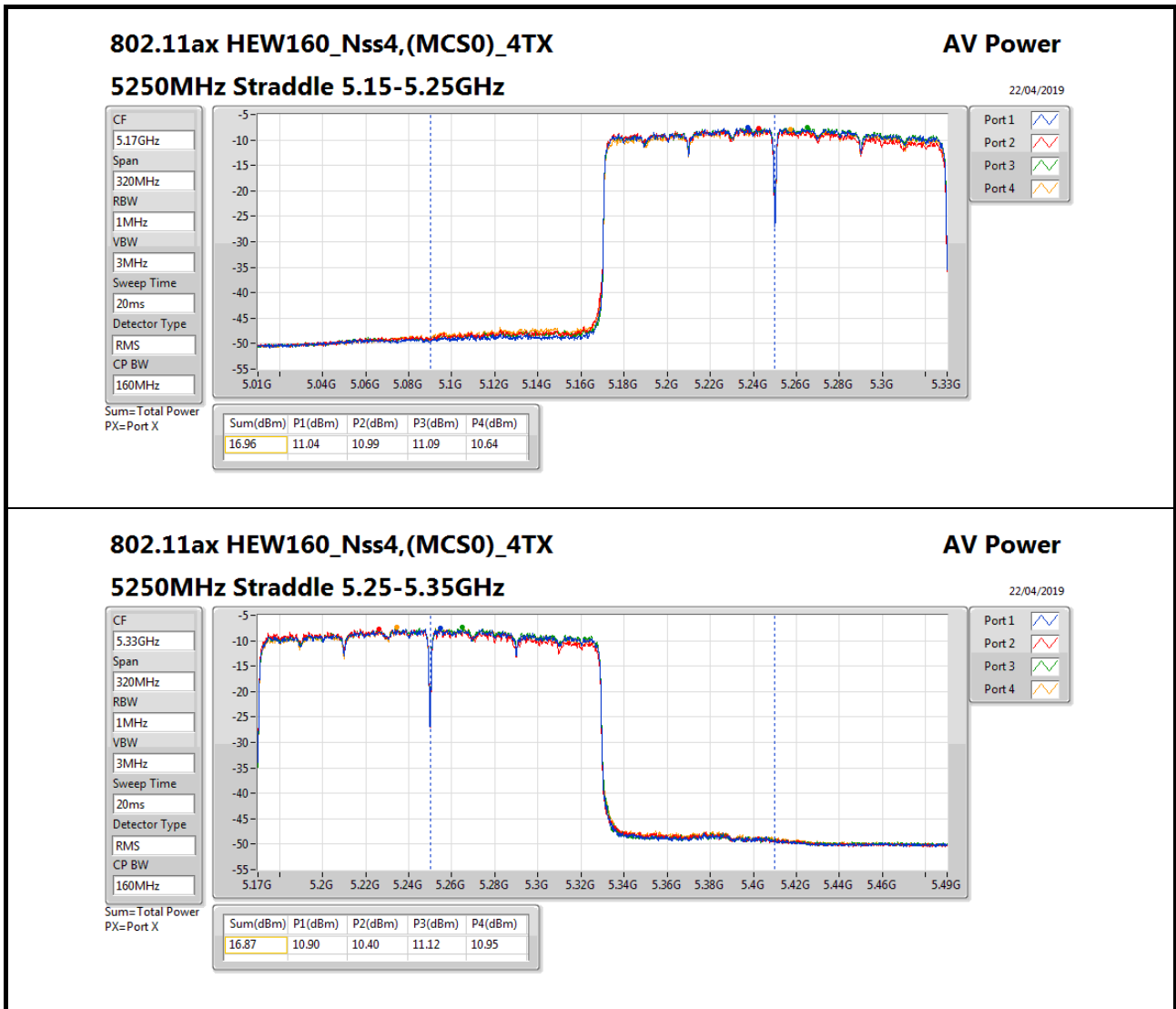
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.15	3.67	4.26	4.13	4.42





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

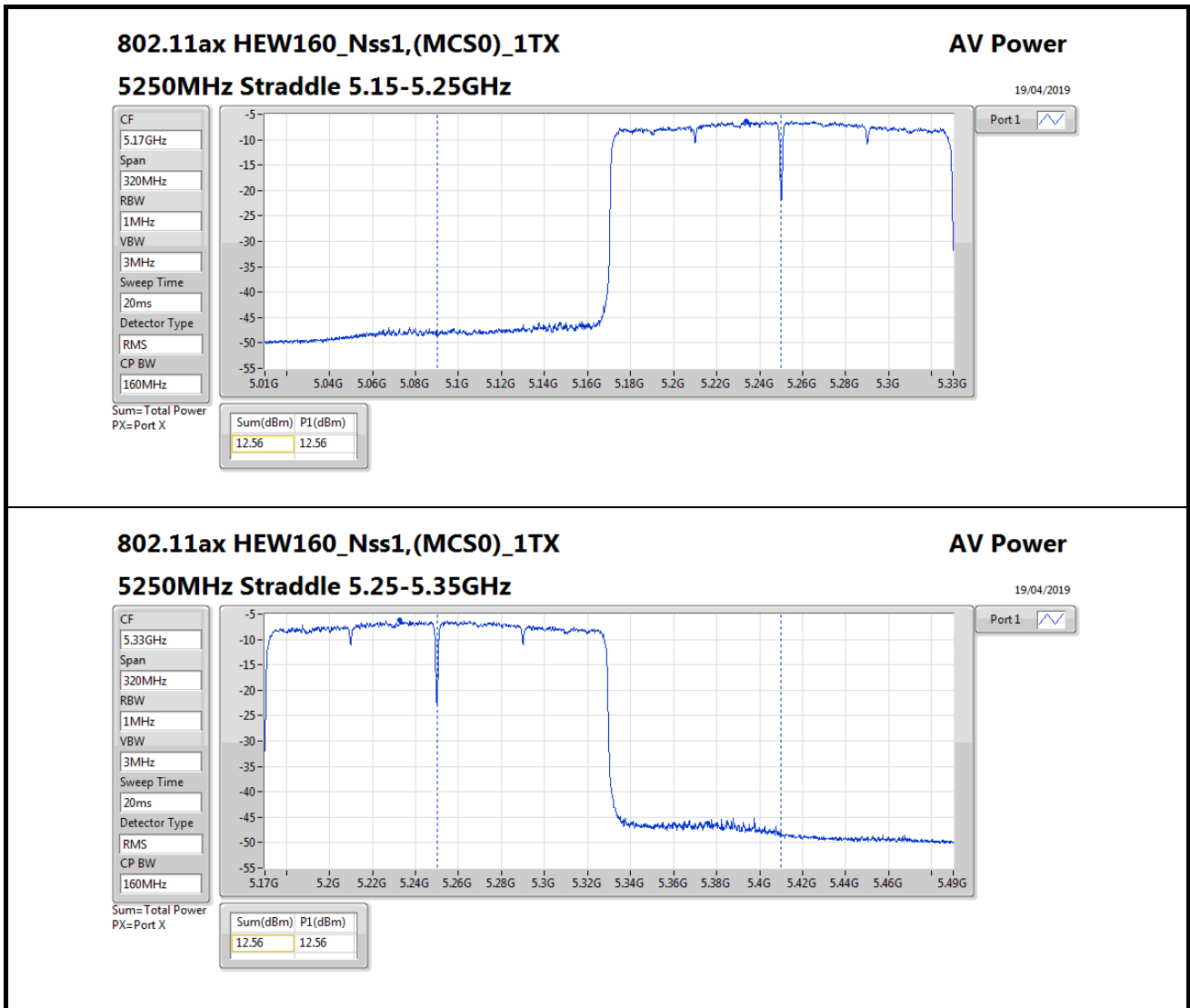
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	12.56	0.01803	18.72/15.24	0.07447
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	12.56	0.01803	18.72	0.07447



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
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16/2.68	12.56	12.56	29.84	18.72/15.24	36.00/21.00	15
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	12.56	12.56	23.82	18.72	Inf	15

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**

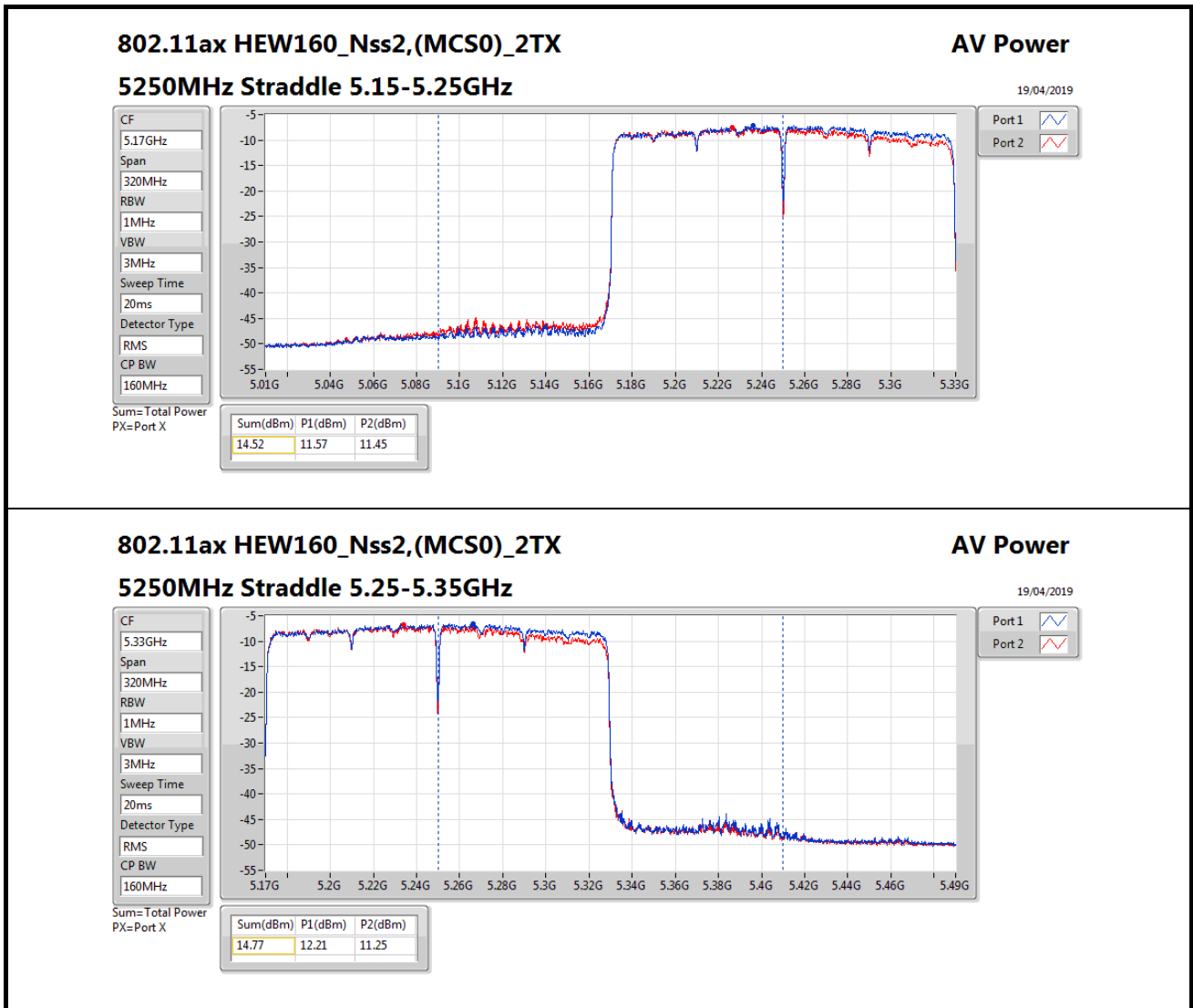
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	14.52	0.02831	20.68/17.20	0.11695
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	14.77	0.02999	20.93	0.12388



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 HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16/2.68	11.57	11.45	14.52	29.84	20.68/17.20	36.00/21.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	12.21	11.25	14.77	23.82	20.93	Inf	14.75

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



802.11ax HEW160_Nss2,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz

AV Power

19/04/2019



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

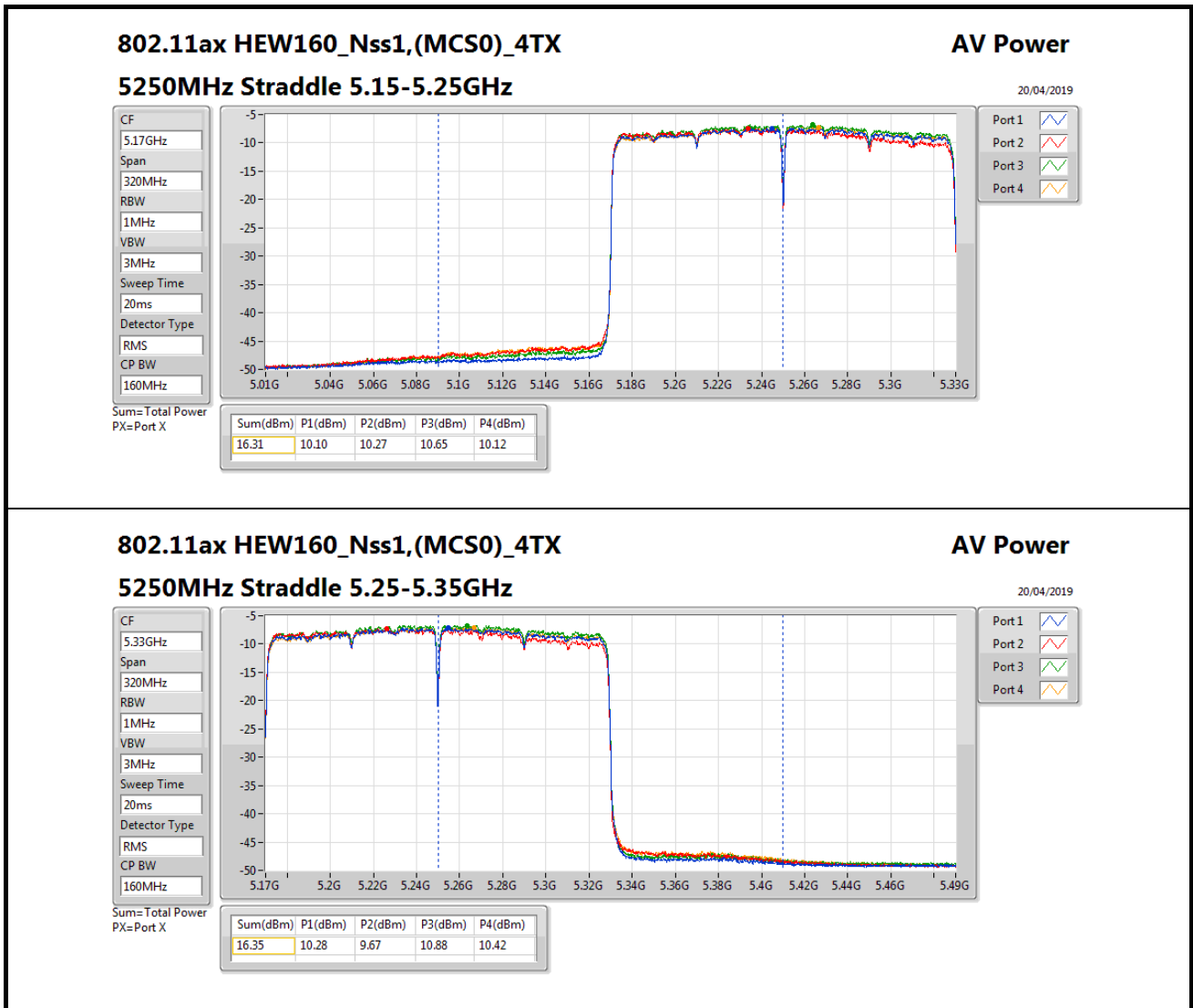
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	16.31	0.04276	22.47/18.99	0.17660
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	16.35	0.04315	22.51	0.17824



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 HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16/2.68	10.10	10.27	10.65	10.12	16.31	29.84	22.47/18.99	36.00/21.00	14
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	10.28	9.67	10.88	10.42	16.35	23.82	22.51	Inf	14

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



802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

AV Power

20/04/2019



**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 HEW160-BF_Nss1,(MCS0)_4TX	12.24	0.01675	24.42/20.94	0.27669
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	11.95	0.01567	24.13	0.25882



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 HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.18/8.70	6.56	6.52	6.40	5.28	12.24	23.82	24.42/20.94	36.00/21.00	10
5250MHz Straddle 5.25-5.35GHz	Pass	12.18	6.32	5.77	6.37	5.13	11.95	17.80	24.13	Inf	10

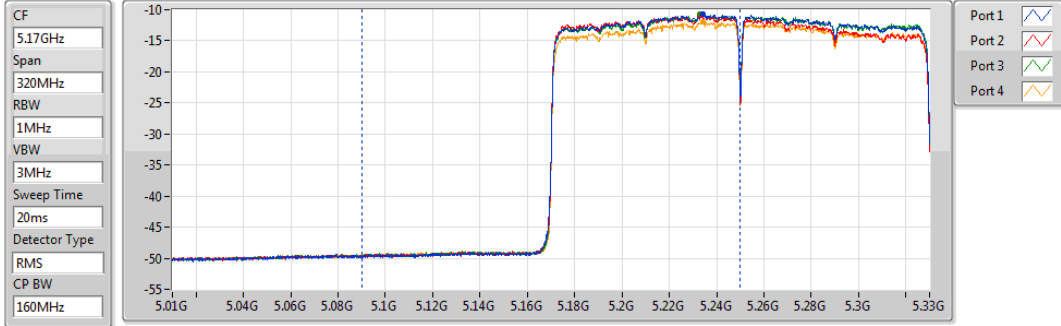
DG = Directional Gain; **Port X** = Port X output power.
 Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

15/05/2019



Sum=Total Power
PX=Port X

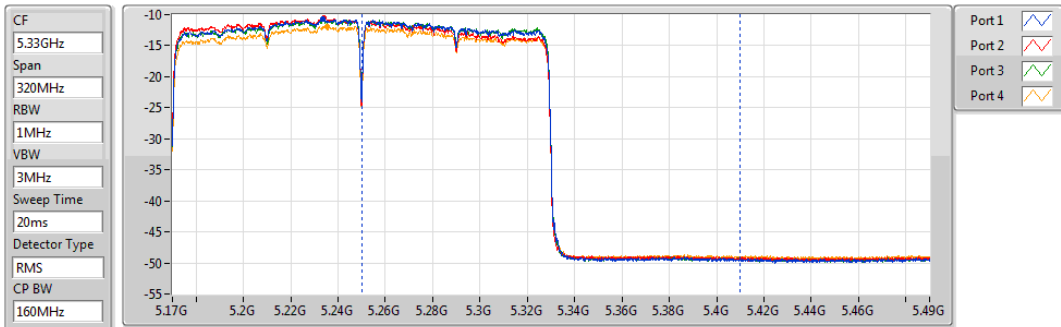
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.24	6.56	6.52	6.40	5.28

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

15/05/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.95	6.32	5.77	6.37	5.13



**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 HEW160_Nss4,(MCS0)_4TX	16.96	0.04966	23.12/19.64	0.20512
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	16.87	0.04864	23.03	0.20091



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 HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.16/2.68	11.04	10.99	11.09	10.64	16.96	29.84	23.12/19.64	36.00/21.00	14
5250MHz Straddle 5.25-5.35GHz	Pass	6.16	10.90	10.40	11.12	10.95	16.87	23.82	23.03	Inf	14

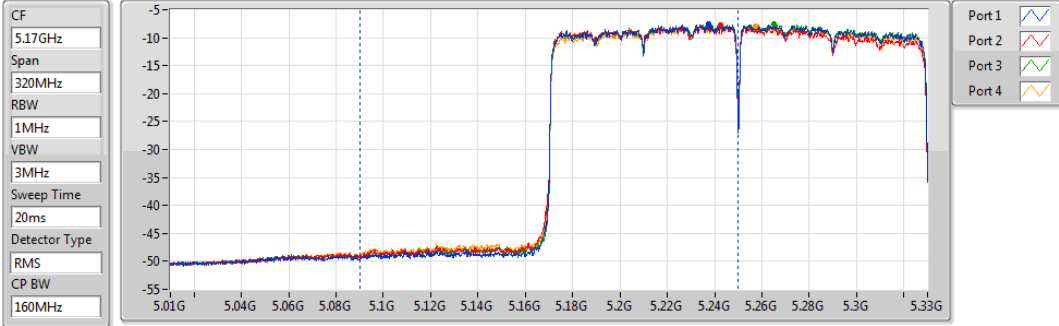
DG = Directional Gain;**Port X** = Port X output power.
 Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

22/04/2019



Sum=Total Power
PX=Port X

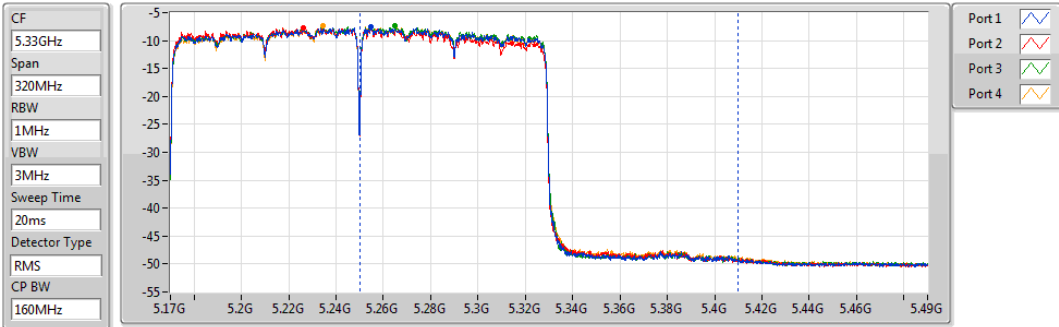
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.96	11.04	10.99	11.09	10.64

802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

22/04/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.87	10.90	10.40	11.12	10.95



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

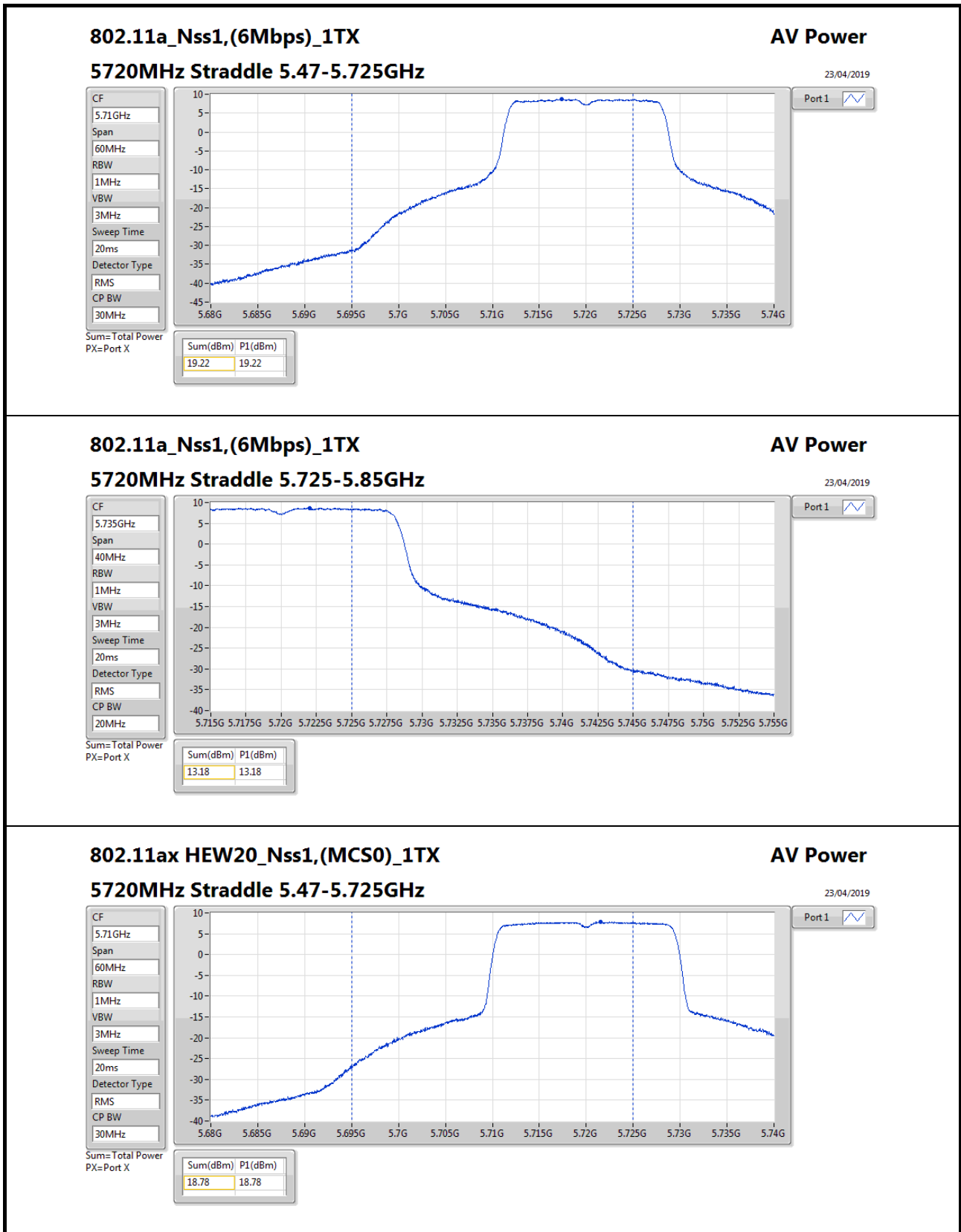
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.74	0.01493
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.36	0.08630
802.11ax HEW20_Nss1,(MCS0)_1TX	19.82	0.09594
802.11ax HEW40_Nss1,(MCS0)_1TX	18.94	0.07834
802.11ax HEW80_Nss1,(MCS0)_1TX	16.55	0.04519
802.11ax HEW160_Nss1,(MCS0)_1TX	11.78	0.01507
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.04	0.12706
802.11ax HEW20_Nss1,(MCS0)_1TX	21.36	0.13677
802.11ax HEW40_Nss1,(MCS0)_1TX	21.12	0.12942
802.11ax HEW80_Nss1,(MCS0)_1TX	20.23	0.10544
802.11ax HEW160_Nss1,(MCS0)_1TX	15.21	0.03319
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	13.18	0.02080
802.11ax HEW20_Nss1,(MCS0)_1TX	13.81	0.02404
802.11ax HEW40_Nss1,(MCS0)_1TX	10.58	0.01143
802.11ax HEW80_Nss1,(MCS0)_1TX	7.24	0.00530

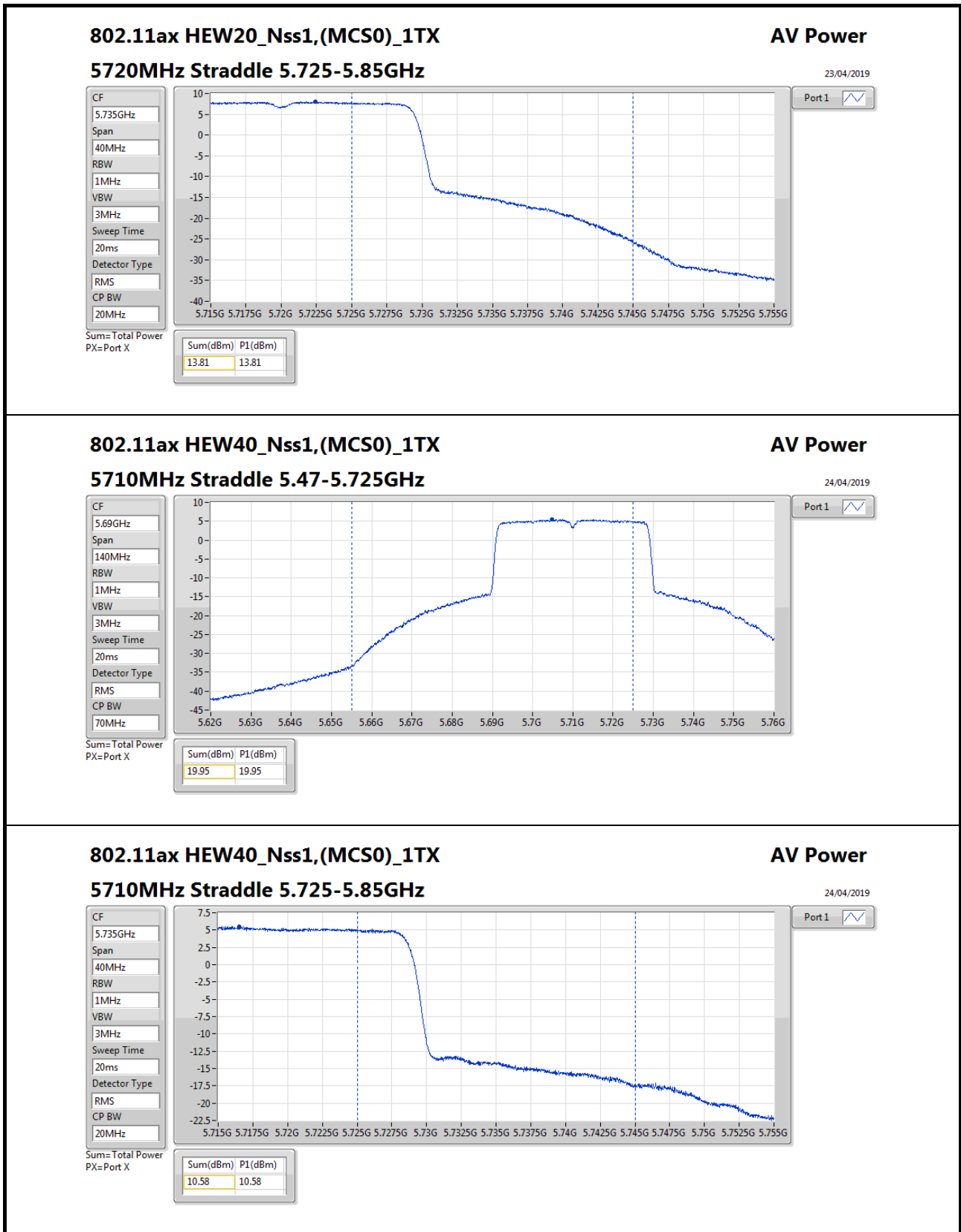


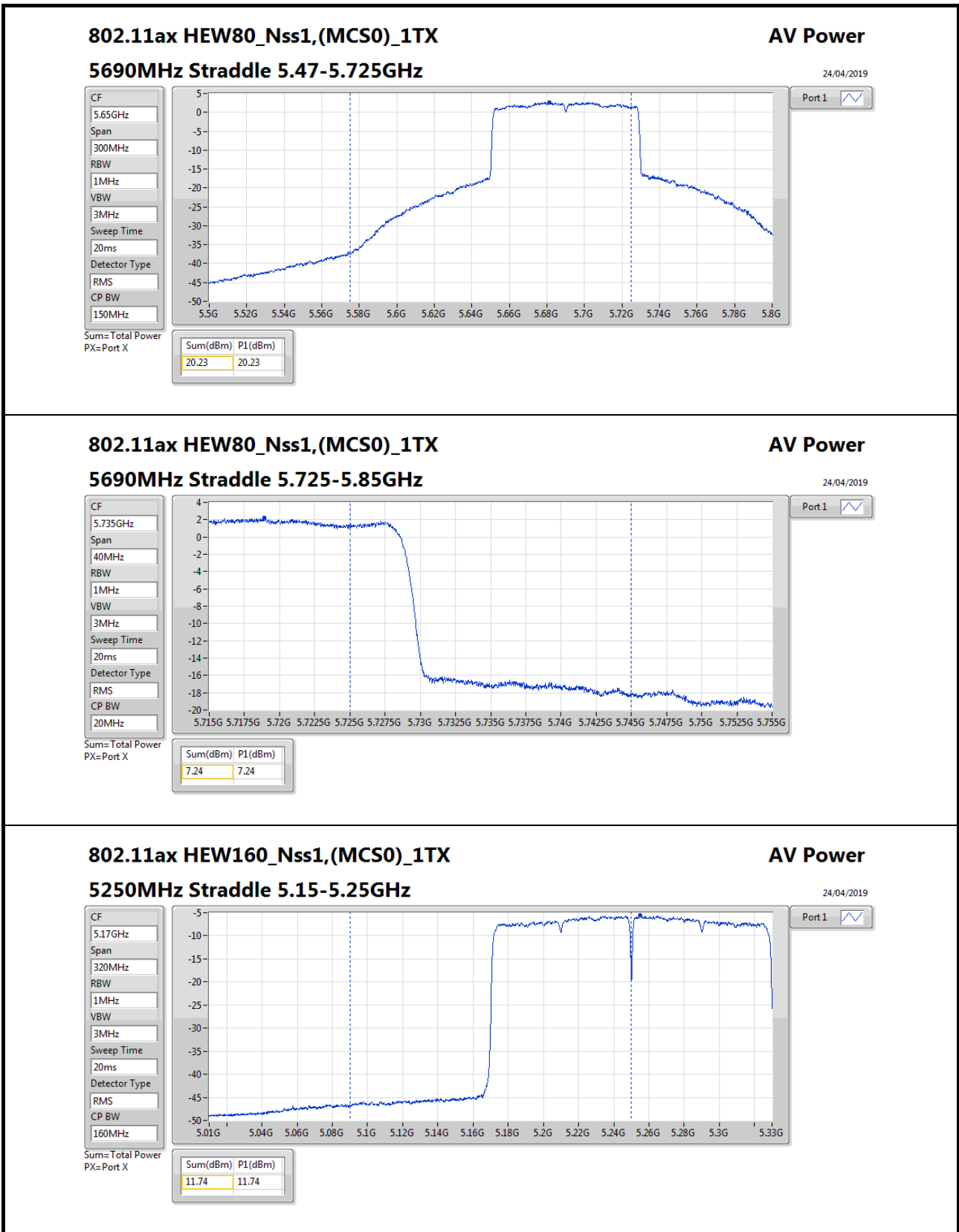
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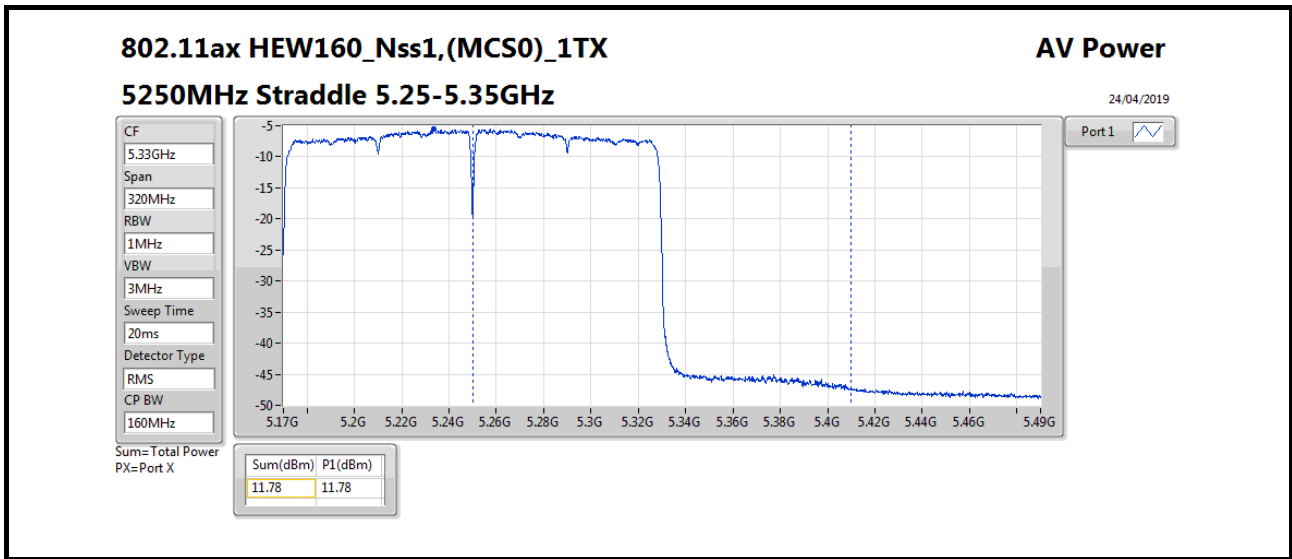
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	7.93	19.17	19.17	22.05	19
5300MHz	Pass	7.93	19.10	19.10	22.05	19
5320MHz	Pass	7.93	19.36	19.36	22.05	19.25
5500MHz	Pass	7.93	17.06	17.06	22.05	17
5580MHz	Pass	7.93	21.04	21.04	22.05	22
5700MHz	Pass	7.93	15.22	15.22	22.05	15.25
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	19.22	19.22	22.05	21
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	13.18	13.18	28.07	21
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	7.93	18.57	18.57	22.05	18.5
5300MHz	Pass	7.93	19.82	19.82	22.05	19.75
5320MHz	Pass	7.93	19.11	19.11	22.05	18.75
5500MHz	Pass	7.93	16.92	16.92	22.05	16.75
5580MHz	Pass	7.93	21.36	21.36	22.05	21.5
5700MHz	Pass	7.93	15.01	15.01	22.05	15
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	18.78	18.78	22.05	20.5
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	13.81	13.81	28.07	20.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	7.93	18.94	18.94	22.05	19
5310MHz	Pass	7.93	16.54	16.54	22.05	16.5
5510MHz	Pass	7.93	15.07	15.07	22.05	15
5550MHz	Pass	7.93	21.12	21.12	22.05	21.75
5670MHz	Pass	7.93	16.36	16.36	22.05	16.25
5710MHz Straddle 5.47-5.725GHz	Pass	7.93	19.95	19.95	22.05	20.75
5710MHz Straddle 5.725-5.85GHz	Pass	7.93	10.58	10.58	28.07	20.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	7.93	16.55	16.55	22.05	16.5
5530MHz	Pass	7.93	15.87	15.87	22.05	15.75
5610MHz	Pass	7.93	19.30	19.30	22.05	19.5
5690MHz Straddle 5.47-5.725GHz	Pass	7.93	20.23	20.23	22.05	21.25
5690MHz Straddle 5.725-5.85GHz	Pass	7.93	7.24	7.24	28.07	21.25
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93	11.74	11.74	28.07	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	11.78	11.78	22.05	14.75
5570MHz	Pass	7.93	15.21	15.21	22.05	14.75

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 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.34	0.02158
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.88	0.15417
802.11ax HEW40_Nss2,(MCS0)_2TX	21.89	0.15453
802.11ax HEW80_Nss2,(MCS0)_2TX	17.52	0.05649
802.11ax HEW160_Nss2,(MCS0)_2TX	13.71	0.02350
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.97	0.15740
802.11ax HEW40_Nss2,(MCS0)_2TX	22.04	0.15996
802.11ax HEW80_Nss2,(MCS0)_2TX	21.75	0.14962
802.11ax HEW160_Nss2,(MCS0)_2TX	15.43	0.03491
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	16.14	0.04111
802.11ax HEW40_Nss2,(MCS0)_2TX	11.91	0.01552
802.11ax HEW80_Nss2,(MCS0)_2TX	8.22	0.00664

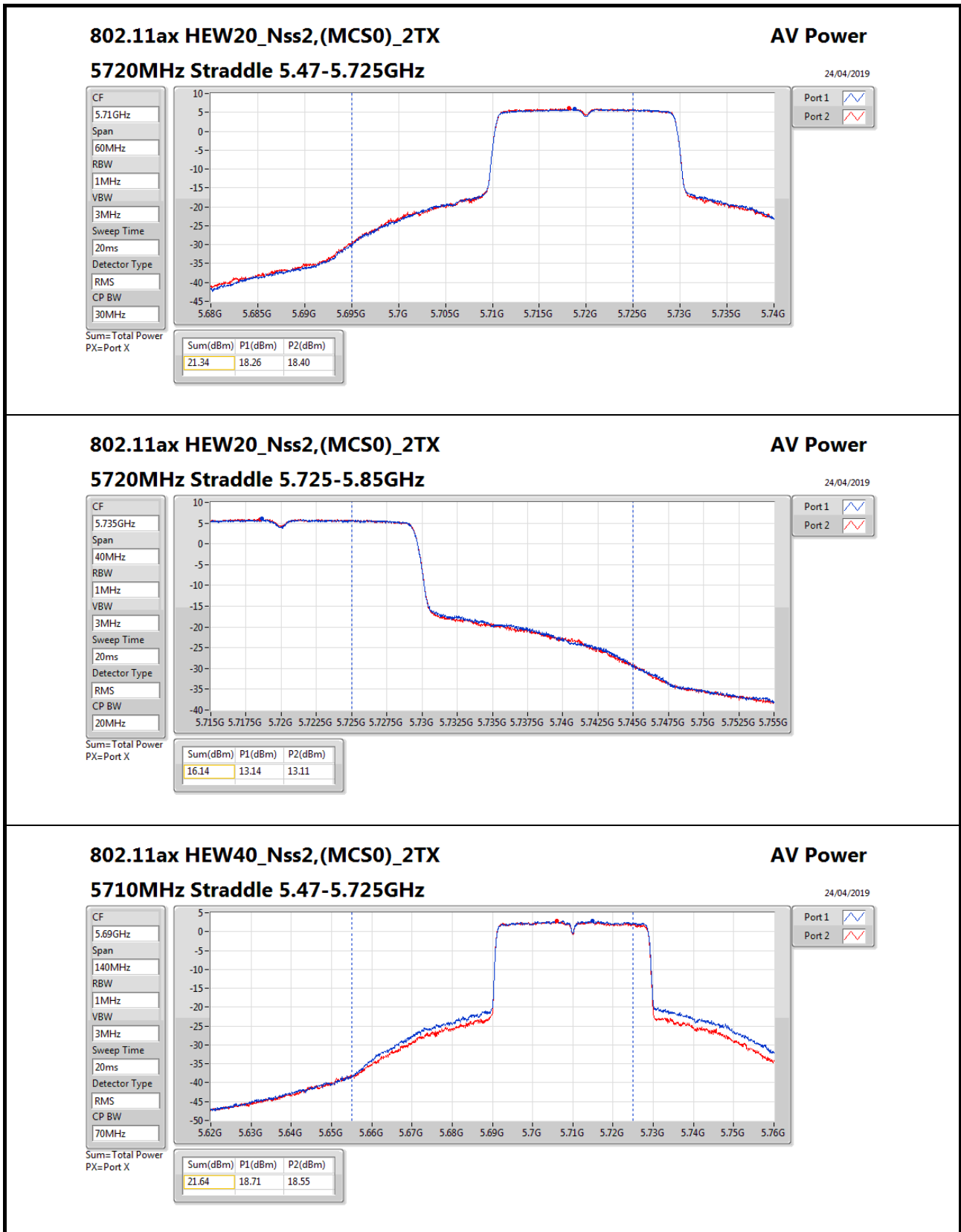


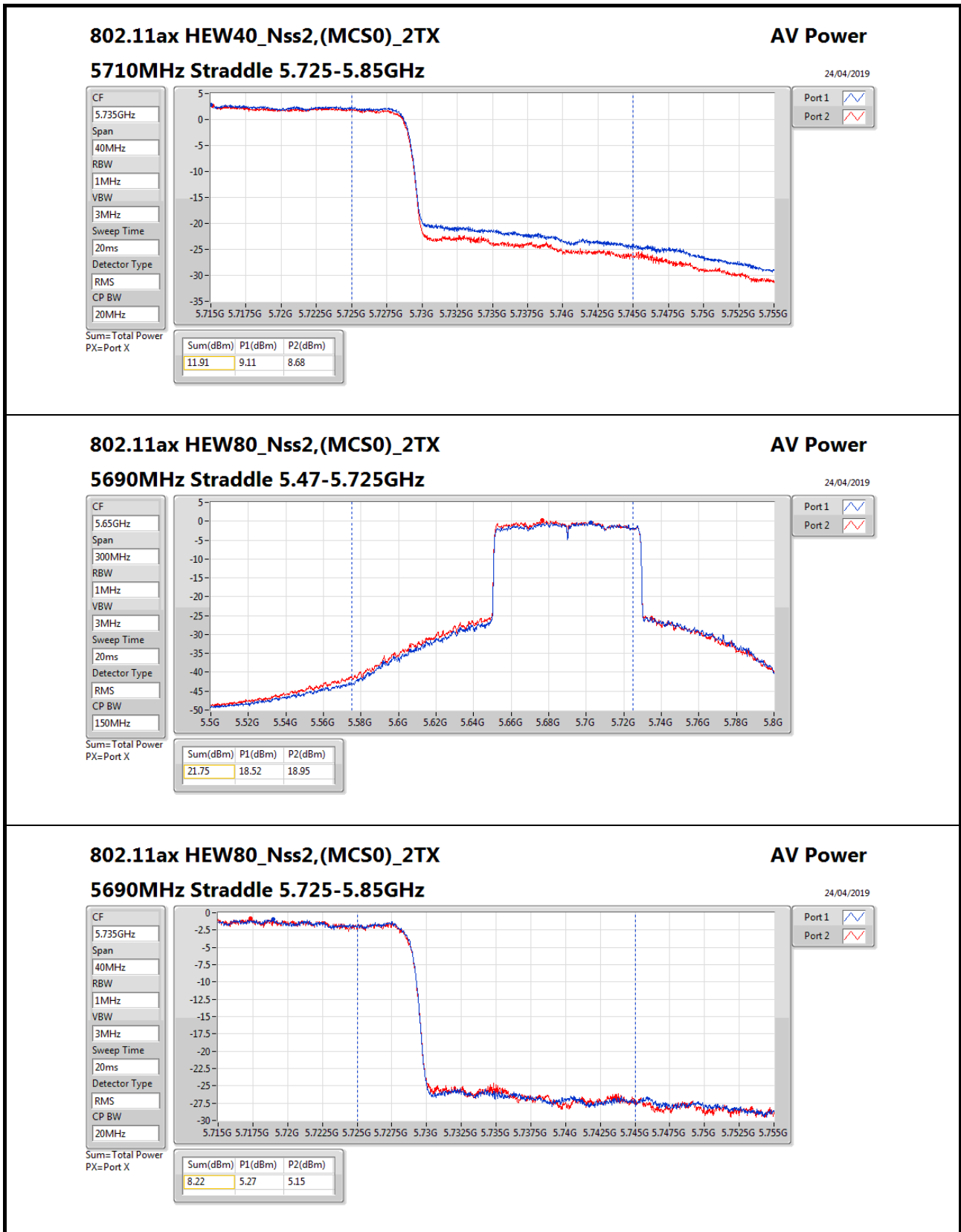
Result

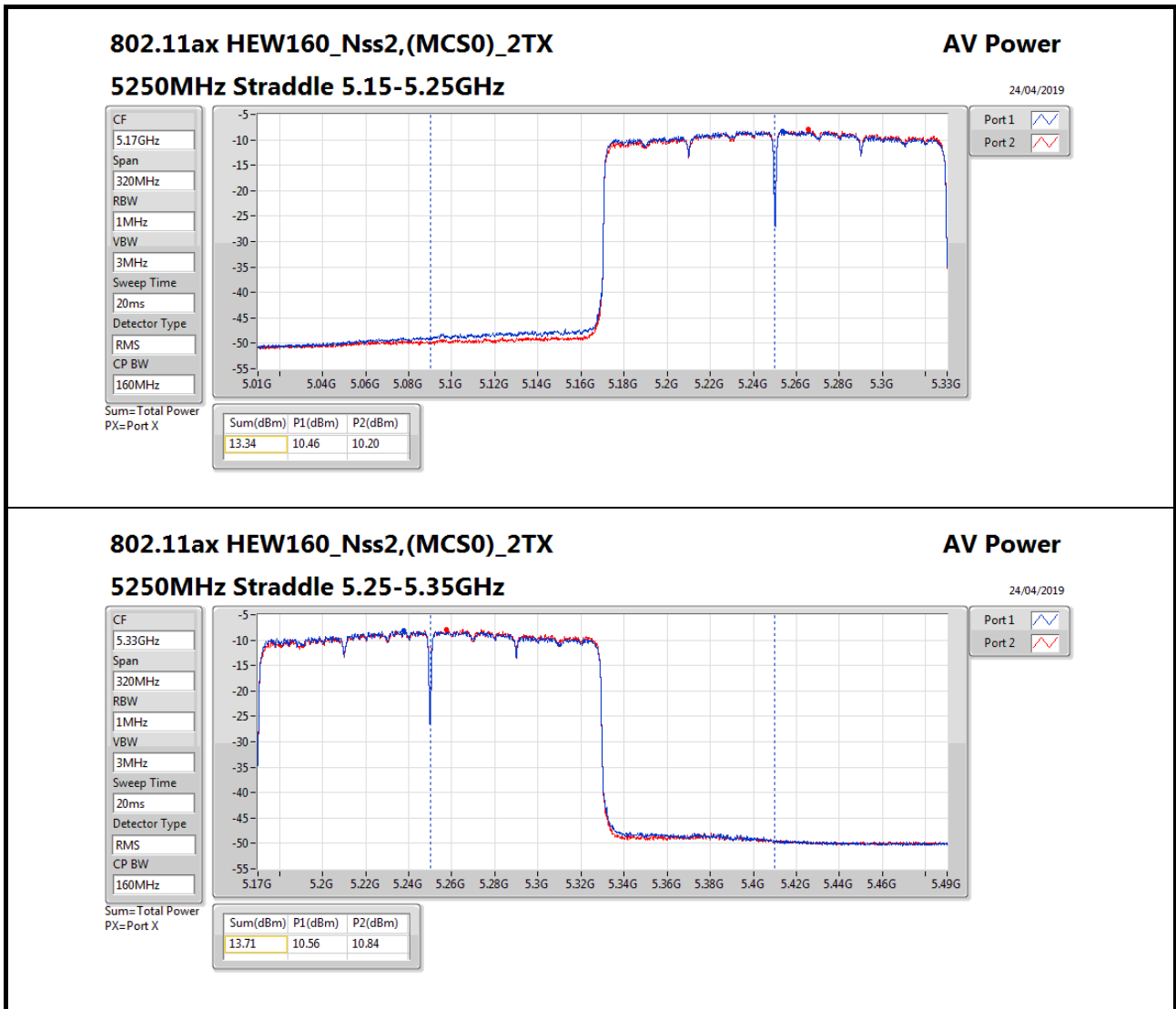
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	7.93	18.48	18.89	21.70	22.05	18.5
5300MHz	Pass	7.93	18.70	19.03	21.88	22.05	18.75
5320MHz	Pass	7.93	16.99	17.27	20.14	22.05	17
5500MHz	Pass	7.93	14.95	15.14	18.06	22.05	15
5580MHz	Pass	7.93	19.00	18.91	21.97	22.05	19.25
5700MHz	Pass	7.93	13.80	14.31	17.07	22.05	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	18.26	18.40	21.34	22.05	20.25
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	13.14	13.11	16.14	28.07	20.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	7.93	18.89	18.87	21.89	22.05	19
5310MHz	Pass	7.93	15.45	15.53	18.50	22.05	15.25
5510MHz	Pass	7.93	14.13	14.08	17.12	22.05	14.25
5550MHz	Pass	7.93	19.08	18.97	22.04	22.05	19.25
5670MHz	Pass	7.93	14.97	15.11	18.05	22.05	14.75
5710MHz Straddle 5.47-5.725GHz	Pass	7.93	18.71	18.55	21.64	22.05	19.25
5710MHz Straddle 5.725-5.85GHz	Pass	7.93	9.11	8.68	11.91	28.07	19.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	7.93	14.51	14.50	17.52	22.05	14.25
5530MHz	Pass	7.93	13.76	13.83	16.81	22.05	14
5610MHz	Pass	7.93	16.99	17.10	20.06	22.05	17.25
5690MHz Straddle 5.47-5.725GHz	Pass	7.93	18.52	18.95	21.75	22.05	19
5690MHz Straddle 5.725-5.85GHz	Pass	7.93	5.27	5.15	8.22	28.07	19
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93	10.46	10.20	13.34	28.07	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	10.56	10.84	13.71	22.05	13.25
5570MHz	Pass	7.93	12.32	12.52	15.43	22.05	12.5

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 2 ~ Band 4:
Summary**

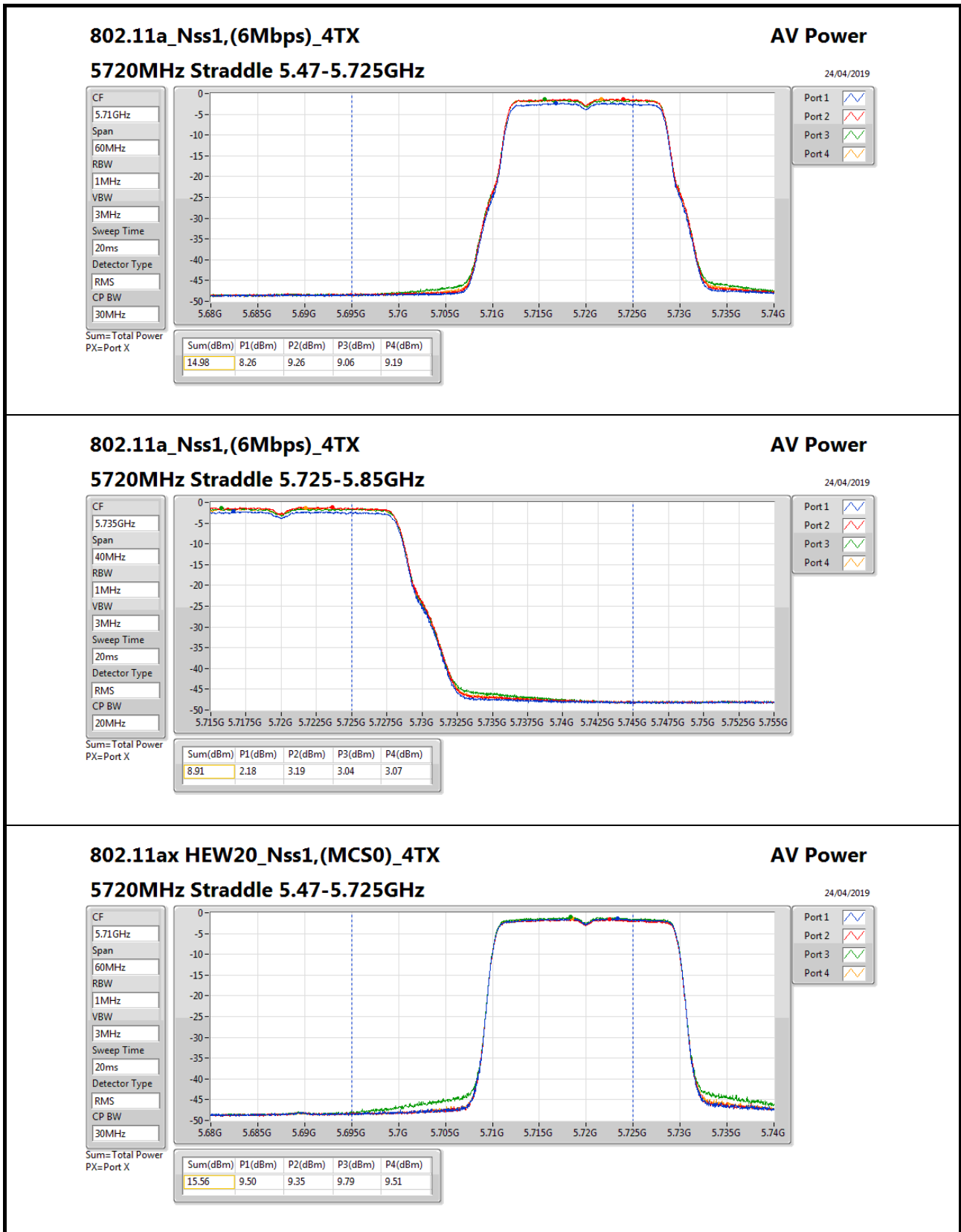
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.07	0.02553
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.23	0.04198
802.11ax HEW20_Nss1,(MCS0)_4TX	16.78	0.04764
802.11ax HEW40_Nss1,(MCS0)_4TX	19.67	0.09268
802.11ax HEW80_Nss1,(MCS0)_4TX	19.69	0.09311
802.11ax HEW160_Nss1,(MCS0)_4TX	14.35	0.02723
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.16	0.04130
802.11ax HEW20_Nss1,(MCS0)_4TX	16.79	0.04775
802.11ax HEW40_Nss1,(MCS0)_4TX	19.65	0.09226
802.11ax HEW80_Nss1,(MCS0)_4TX	22.02	0.15922
802.11ax HEW160_Nss1,(MCS0)_4TX	18.82	0.07621
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.91	0.00778
802.11ax HEW20_Nss1,(MCS0)_4TX	10.33	0.01079
802.11ax HEW40_Nss1,(MCS0)_4TX	9.29	0.00849
802.11ax HEW80_Nss1,(MCS0)_4TX	8.49	0.00706



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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	7.93	9.06	10.30	10.97	10.15	16.19	22.05	10.25
5300MHz	Pass	7.93	9.47	10.06	11.01	10.16	16.23	22.05	10.25
5320MHz	Pass	7.93	9.40	10.51	10.59	10.04	16.18	22.05	10.25
5500MHz	Pass	7.93	9.65	9.94	10.64	10.27	16.16	22.05	10.5
5580MHz	Pass	7.93	9.58	10.28	10.05	10.01	16.01	22.05	10.5
5700MHz	Pass	7.93	9.68	10.17	10.10	10.43	16.12	22.05	10.5
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	8.26	9.26	9.06	9.19	14.98	21.00	10.5
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	2.18	3.19	3.04	3.07	8.91	28.07	10.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	7.93	9.78	11.03	11.16	10.82	16.75	22.05	10.75
5300MHz	Pass	7.93	9.63	10.81	11.59	10.54	16.72	22.05	10.5
5320MHz	Pass	7.93	9.96	10.65	11.50	10.80	16.78	22.05	10.5
5500MHz	Pass	7.93	10.02	11.02	10.98	10.96	16.79	22.05	11
5580MHz	Pass	7.93	10.09	10.75	10.95	10.72	16.66	22.05	11
5700MHz	Pass	7.93	9.89	10.76	10.53	10.41	16.43	22.05	10.5
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	9.50	9.35	9.79	9.51	15.56	21.03	11
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	4.31	4.05	4.53	4.33	10.33	28.07	11
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	7.93	12.96	13.89	13.95	13.72	19.67	22.05	13.5
5310MHz	Pass	7.93	13.07	13.69	13.89	13.38	19.54	22.05	13.25
5510MHz	Pass	7.93	12.79	12.86	13.47	12.89	19.03	22.05	13
5550MHz	Pass	7.93	13.69	13.78	13.31	13.47	19.59	22.05	13.5
5670MHz	Pass	7.93	13.27	13.61	14.08	13.51	19.65	22.05	13.25
5710MHz Straddle 5.47-5.725GHz	Pass	7.93	12.97	13.16	13.33	12.82	19.09	22.05	13.5
5710MHz Straddle 5.725-5.85GHz	Pass	7.93	3.23	3.25	3.42	3.17	9.29	28.07	13.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.93	12.91	13.51	13.96	14.19	19.69	22.05	13.25
5530MHz	Pass	7.93	13.57	14.01	13.98	13.43	19.78	22.05	13.75
5610MHz	Pass	7.93	15.23	15.53	15.01	15.49	21.34	22.05	15.25
5690MHz Straddle 5.47-5.725GHz	Pass	7.93	16.18	15.92	16.01	15.89	22.02	22.05	16.25
5690MHz Straddle 5.725-5.85GHz	Pass	7.93	2.98	2.17	2.26	2.43	8.49	28.07	16.25
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93	7.65	8.14	8.14	8.26	14.07	28.07	11.5
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	7.62	8.68	8.76	8.18	14.35	22.05	11.5
5570MHz	Pass	7.93	12.73	12.93	12.70	12.82	18.82	22.05	12.5

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



802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

AV Power

24/04/2019

CF
5.71GHz

Span
60MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
30MHz

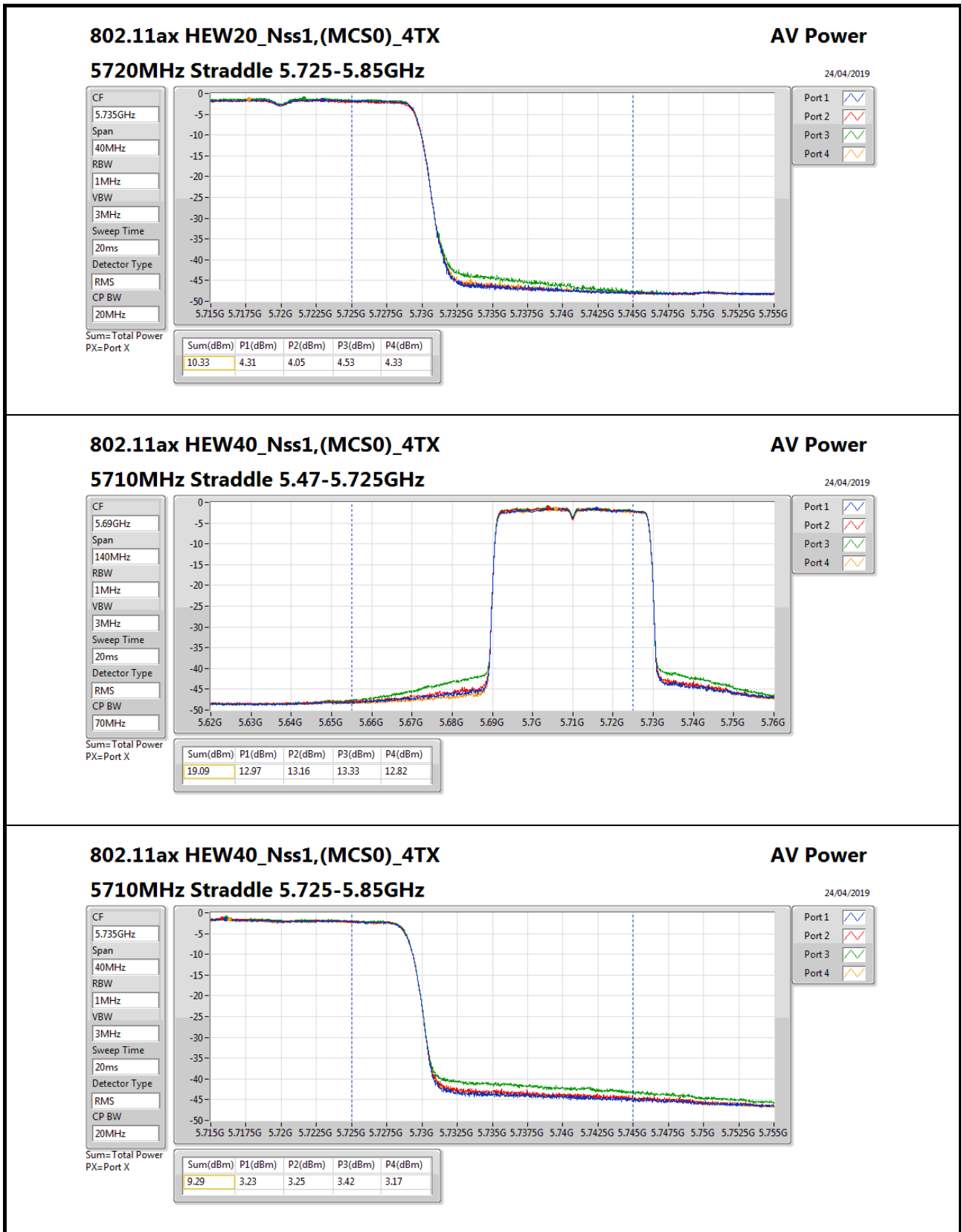
Sum=Total Power
PX=Port X

Port 1

Port 2

Port 3

Port 4



802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

AV Power

24/04/2019

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

20MHz

Port 1

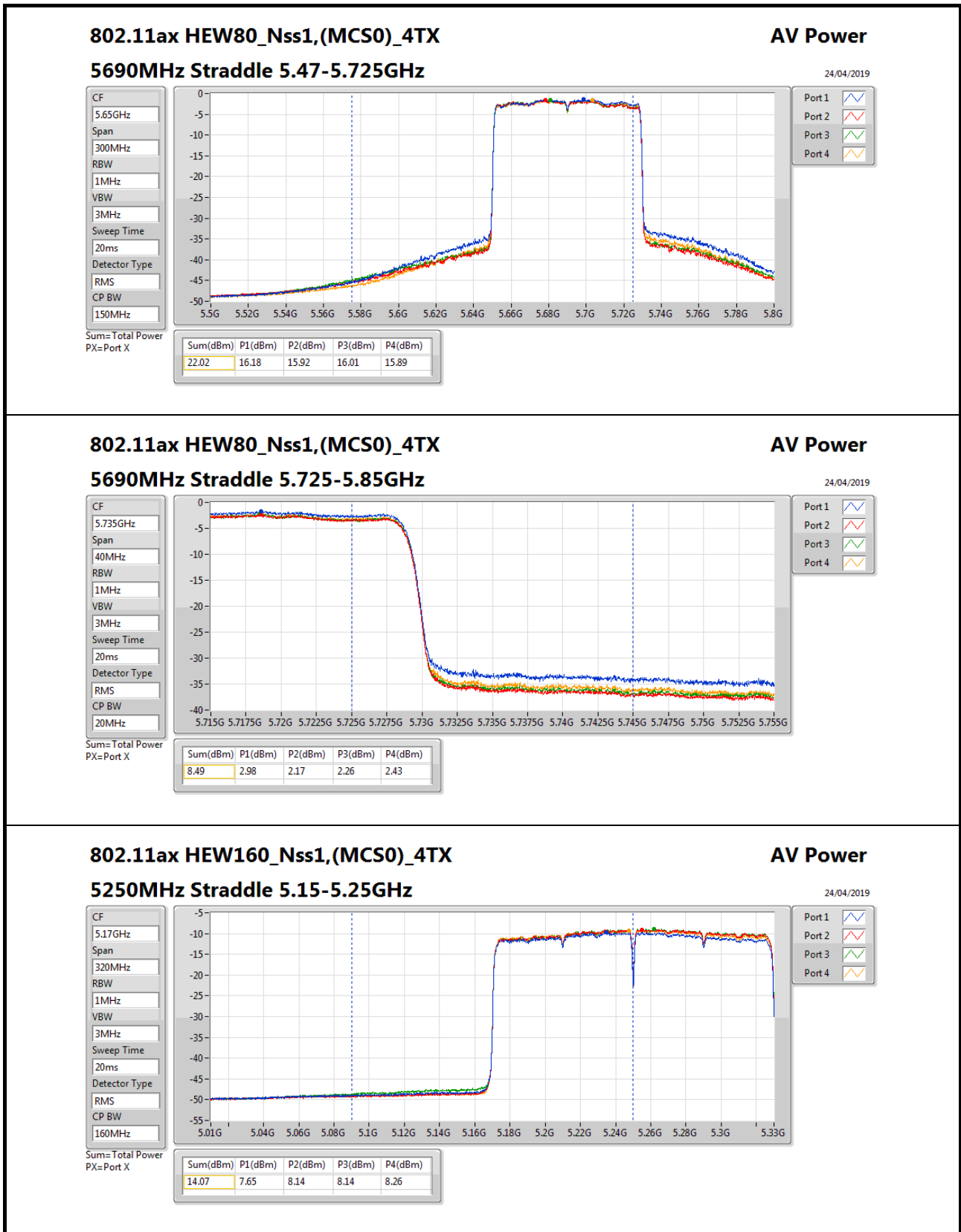
Port 2

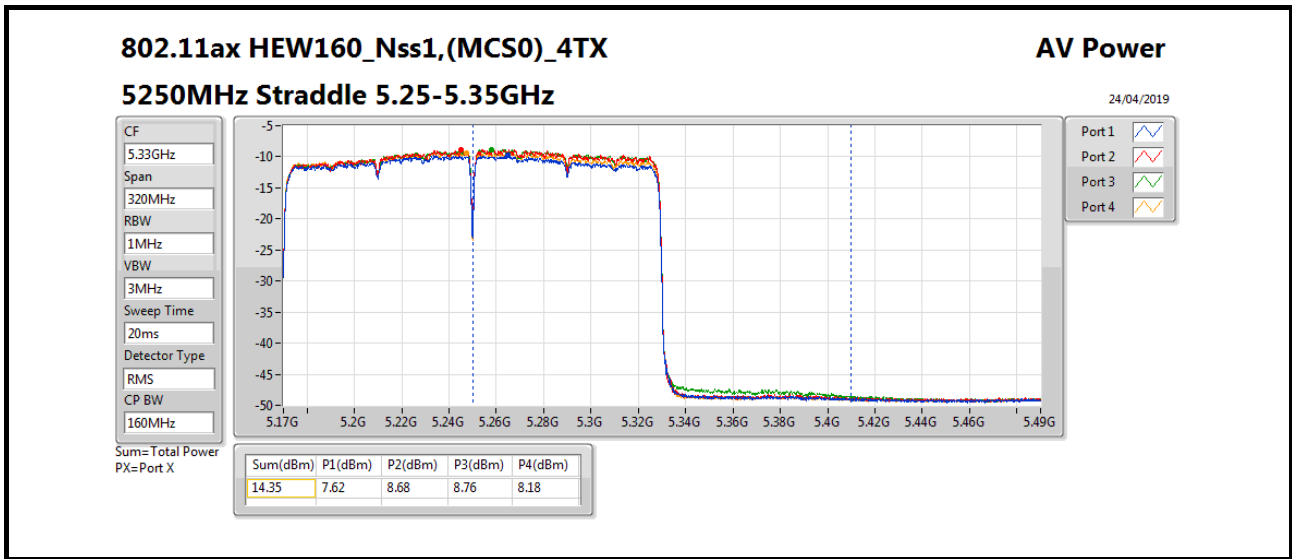
Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.29	3.23	3.25	3.42	3.17







**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.44	0.02208
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.02	0.03999
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.99	0.03972
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.86	0.03855
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.74	0.02366
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.02	0.03999
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	16.02	0.03999
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.01	0.03990
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.98	0.03963
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.54	0.00899
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.07	0.00405
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.22	0.00167

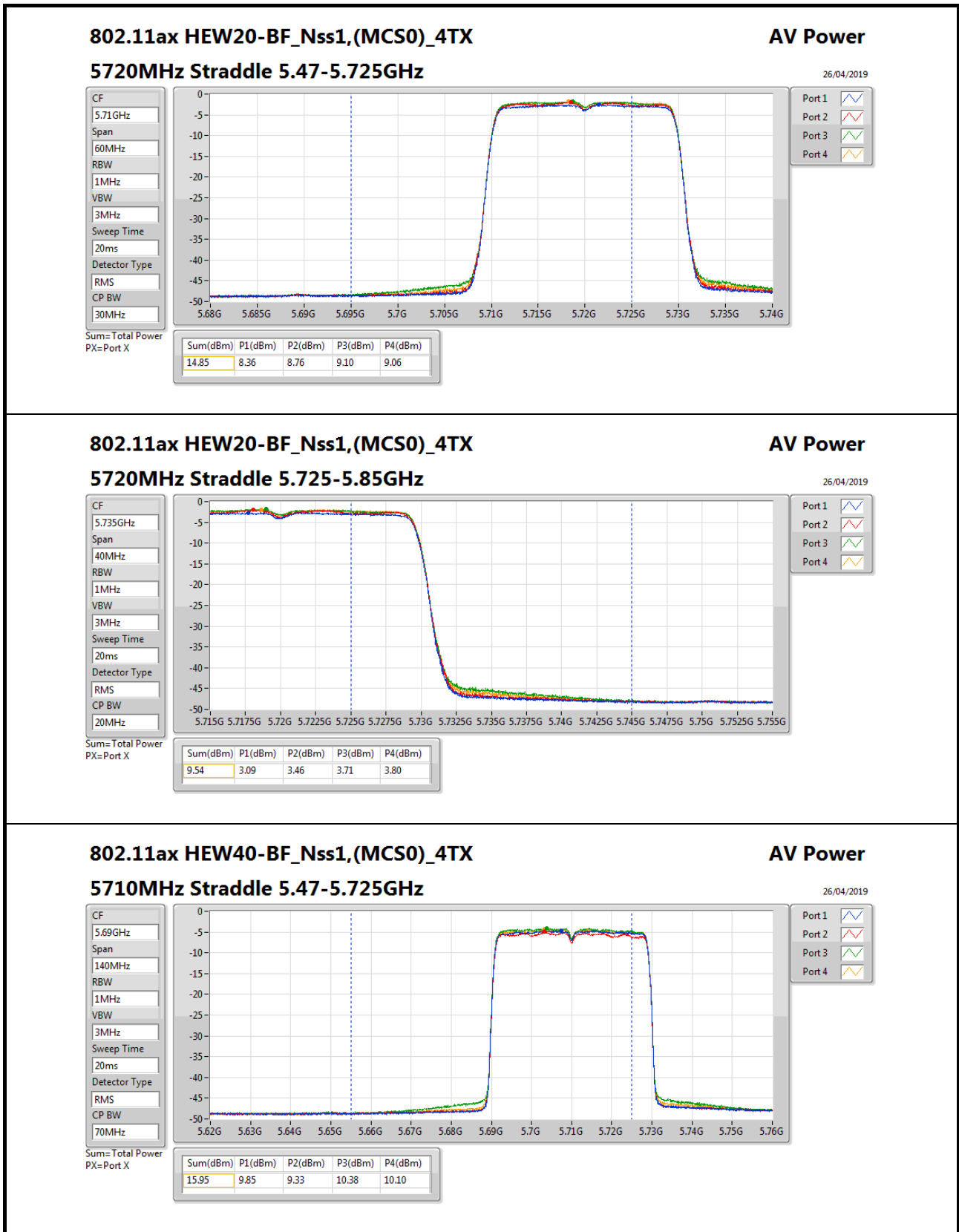


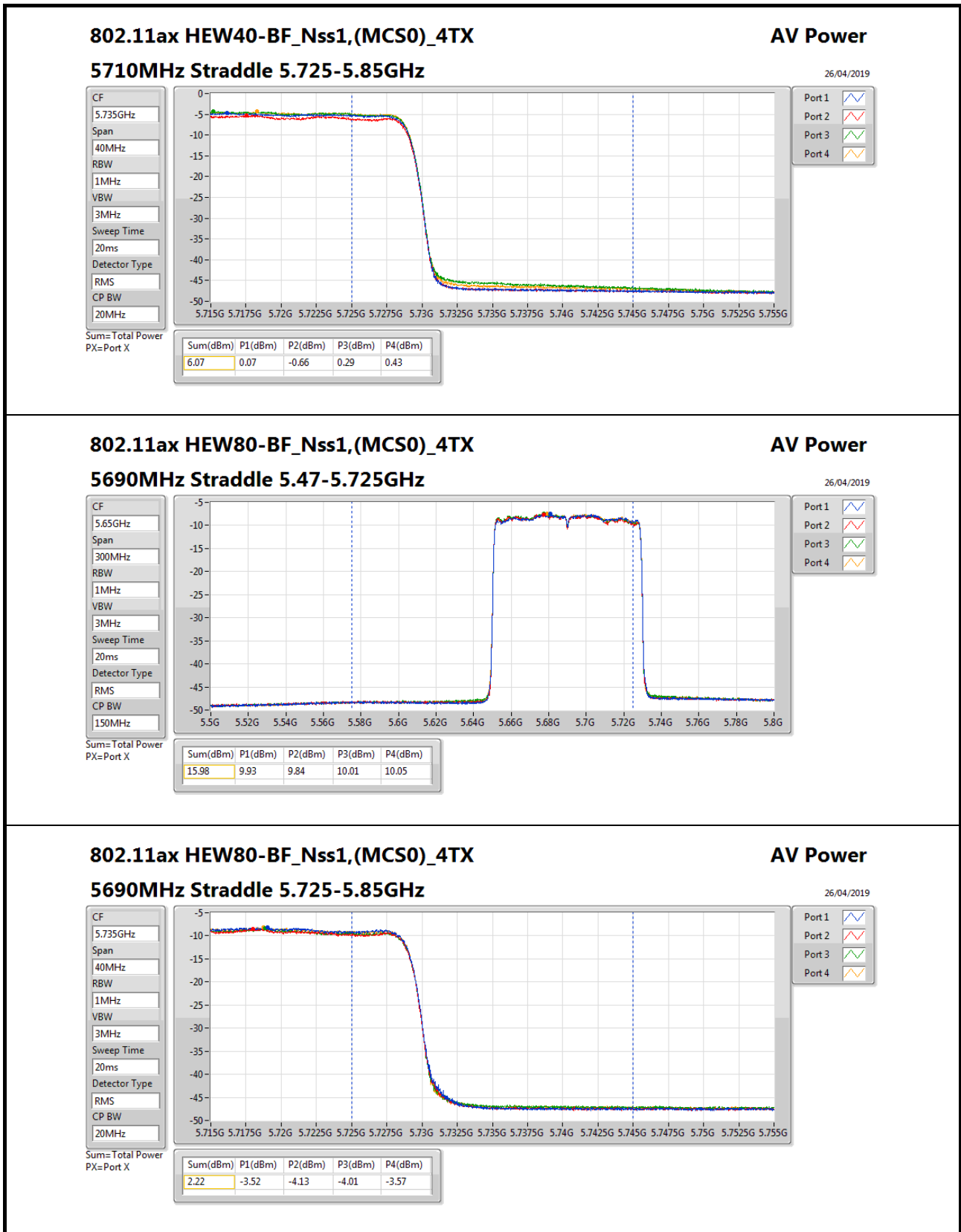
Result

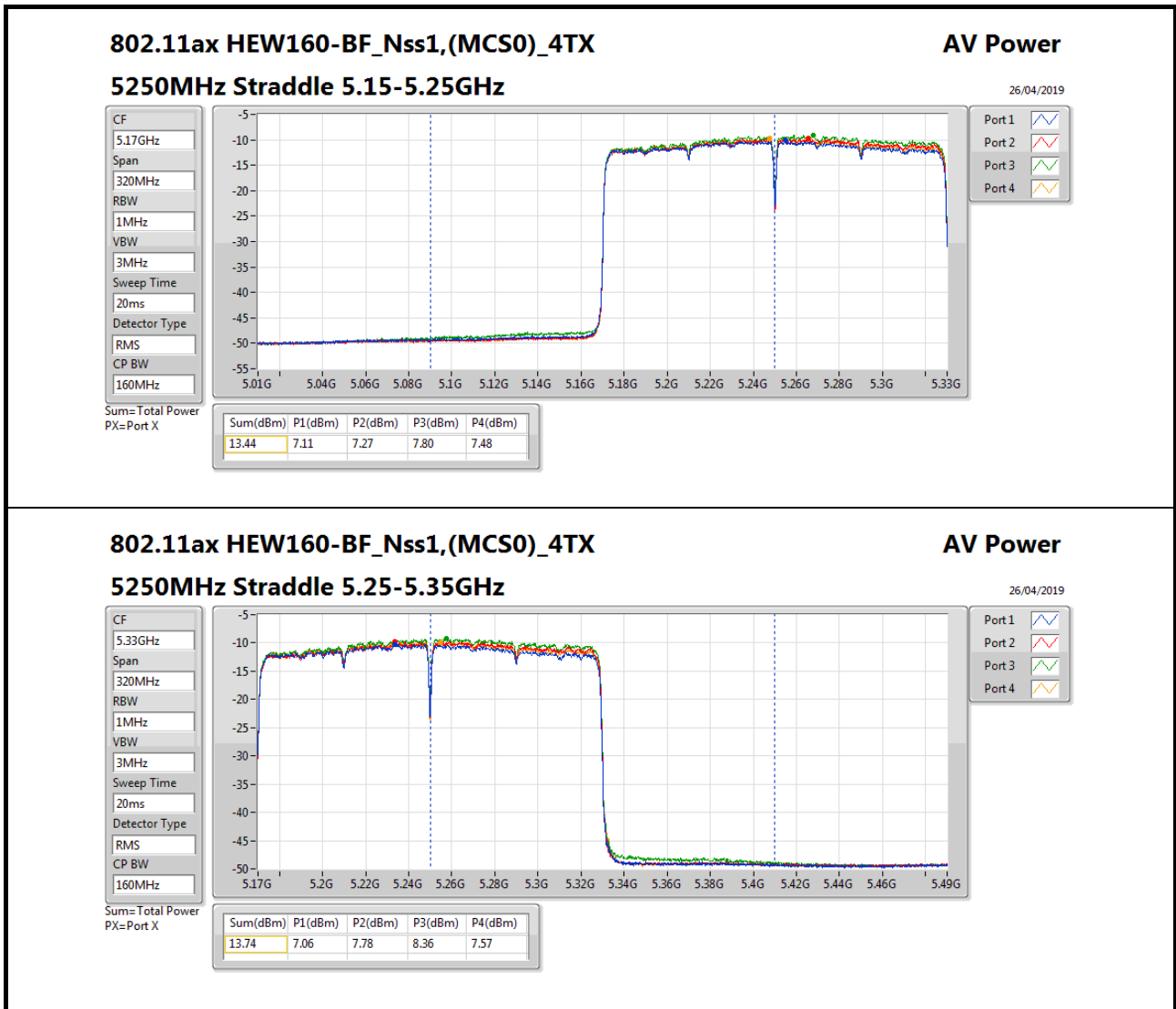
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	13.95	9.09	10.21	10.43	10.15	16.02	16.03	10
5300MHz	Pass	13.95	9.03	10.20	10.66	9.92	16.01	16.03	9.75
5320MHz	Pass	13.95	9.02	10.31	10.57	9.93	16.02	16.03	9.75
5500MHz	Pass	13.95	9.37	10.20	10.34	10.03	16.02	16.03	10.25
5580MHz	Pass	13.95	9.17	9.88	10.24	10.01	15.86	16.03	10
5700MHz	Pass	13.95	9.48	10.16	9.91	10.05	15.93	16.03	10
5720MHz Straddle 5.47-5.725GHz	Pass	13.95	8.36	8.76	9.10	9.06	14.85	15.01	10.25
5720MHz Straddle 5.725-5.85GHz	Pass	13.95	3.09	3.46	3.71	3.80	9.54	22.05	10.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	13.95	9.13	10.02	10.21	9.79	15.83	16.03	9.75
5310MHz	Pass	13.95	9.21	10.19	10.38	10.02	15.99	16.03	9.75
5510MHz	Pass	13.95	9.52	10.06	10.21	10.09	16.00	16.03	10
5550MHz	Pass	13.95	9.86	10.13	10.03	9.94	16.01	16.03	10
5670MHz	Pass	13.95	9.91	9.98	10.06	10.03	16.02	16.03	9.75
5710MHz Straddle 5.47-5.725GHz	Pass	13.95	9.85	9.33	10.38	10.10	15.95	16.03	10.25
5710MHz Straddle 5.725-5.85GHz	Pass	13.95	0.07	-0.66	0.29	0.43	6.07	22.05	10.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	13.95	9.18	9.84	9.91	10.35	15.86	16.03	9.5
5530MHz	Pass	13.95	9.46	10.04	9.95	9.63	15.80	16.03	9.75
5610MHz	Pass	13.95	9.82	9.71	10.01	10.37	16.01	16.03	10
5690MHz Straddle 5.47-5.725GHz	Pass	13.95	9.93	9.84	10.01	10.05	15.98	16.03	10
5690MHz Straddle 5.725-5.85GHz	Pass	13.95	-3.52	-4.13	-4.01	-3.57	2.22	22.05	10
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.95	7.11	7.27	7.80	7.48	13.44	22.05	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	13.95	7.06	7.78	8.36	7.57	13.74	16.03	10.75
5570MHz	Pass	13.95	9.65	9.84	10.22	10.11	15.98	16.03	9.75

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

Note : Conducted setting = Pass conducted setting division 4.







802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

AV Power

26/04/2019



**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.32	0.03404
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.02	0.15922
802.11ax HEW40_Nss4,(MCS0)_4TX	21.91	0.15524
802.11ax HEW80_Nss4,(MCS0)_4TX	20.09	0.10209
802.11ax HEW160_Nss4,(MCS0)_4TX	15.57	0.03606
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.03	0.15959
802.11ax HEW40_Nss4,(MCS0)_4TX	22.02	0.15922
802.11ax HEW80_Nss4,(MCS0)_4TX	22.02	0.15922
802.11ax HEW160_Nss4,(MCS0)_4TX	18.27	0.06714
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.71	0.03724
802.11ax HEW40_Nss4,(MCS0)_4TX	12.30	0.01698
802.11ax HEW80_Nss4,(MCS0)_4TX	8.50	0.00708

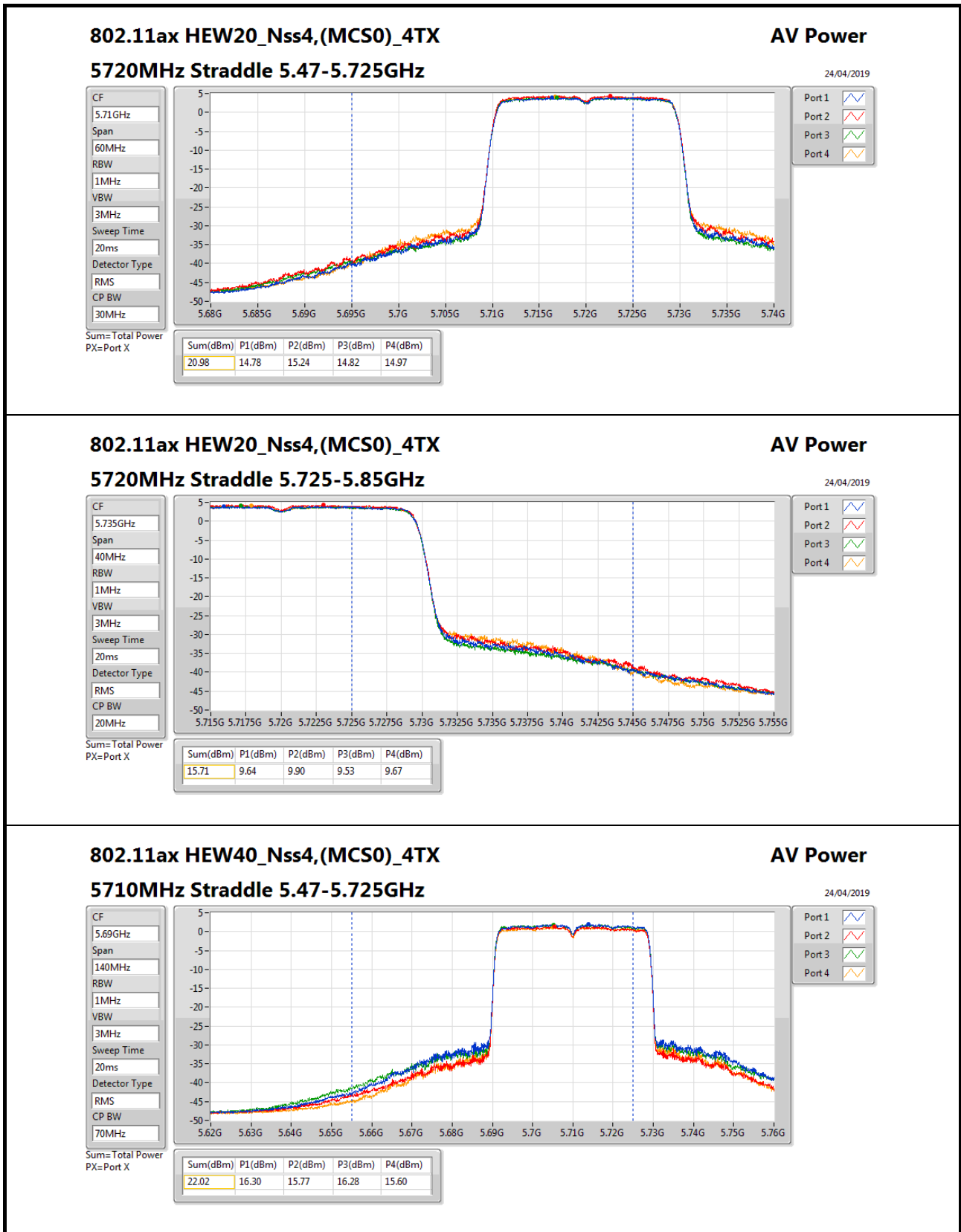


Result

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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	7.93	15.23	16.01	16.15	15.91	21.86	22.05	15.75
5300MHz	Pass	7.93	15.14	16.36	16.47	15.92	22.02	22.05	15.75
5320MHz	Pass	7.93	15.27	16.13	16.45	16.02	22.01	22.05	15.75
5500MHz	Pass	7.93	14.30	14.27	14.45	14.42	20.38	22.05	14.5
5580MHz	Pass	7.93	15.82	16.09	16.18	15.95	22.03	22.05	16.25
5700MHz	Pass	7.93	13.40	13.85	13.49	13.88	19.68	22.05	13.75
5720MHz Straddle 5.47-5.725GHz	Pass	7.93	14.78	15.24	14.82	14.97	20.98	21.00	16.25
5720MHz Straddle 5.725-5.85GHz	Pass	7.93	9.64	9.90	9.53	9.67	15.71	28.07	16.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	7.93	15.49	15.74	16.27	16.02	21.91	22.05	15.75
5310MHz	Pass	7.93	13.18	13.75	14.13	13.41	19.65	22.05	13.25
5510MHz	Pass	7.93	14.03	13.92	13.88	13.87	19.95	22.05	14
5550MHz	Pass	7.93	15.80	15.60	15.87	15.99	21.84	22.05	15.75
5670MHz	Pass	7.93	14.98	14.54	14.95	14.66	20.81	22.05	14.5
5710MHz Straddle 5.47-5.725GHz	Pass	7.93	16.30	15.77	16.28	15.60	22.02	22.05	16.5
5710MHz Straddle 5.725-5.85GHz	Pass	7.93	6.64	5.83	6.61	5.97	12.30	28.07	16.5
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	7.93	13.59	13.89	14.25	14.48	20.09	22.05	13.75
5530MHz	Pass	7.93	13.59	14.20	14.11	13.90	19.98	22.05	14.25
5610MHz	Pass	7.93	15.77	16.04	15.90	15.63	21.86	22.05	16
5690MHz Straddle 5.47-5.725GHz	Pass	7.93	16.08	15.78	16.06	16.06	22.02	22.05	16.5
5690MHz Straddle 5.725-5.85GHz	Pass	7.93	2.81	1.99	2.42	2.65	8.50	28.07	16.5
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93	9.26	9.14	9.11	9.65	15.32	28.07	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	9.11	9.77	9.61	9.69	15.57	22.05	12.5
5570MHz	Pass	7.93	12.23	12.27	12.16	12.33	18.27	22.05	12.25

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

Note : Conducted setting = Pass conducted setting division 4.



802.11ax HEW40_Nss4,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

AV Power

24/04/2019

CF

5.69GHz

Span

140MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

70MHz

Port 1

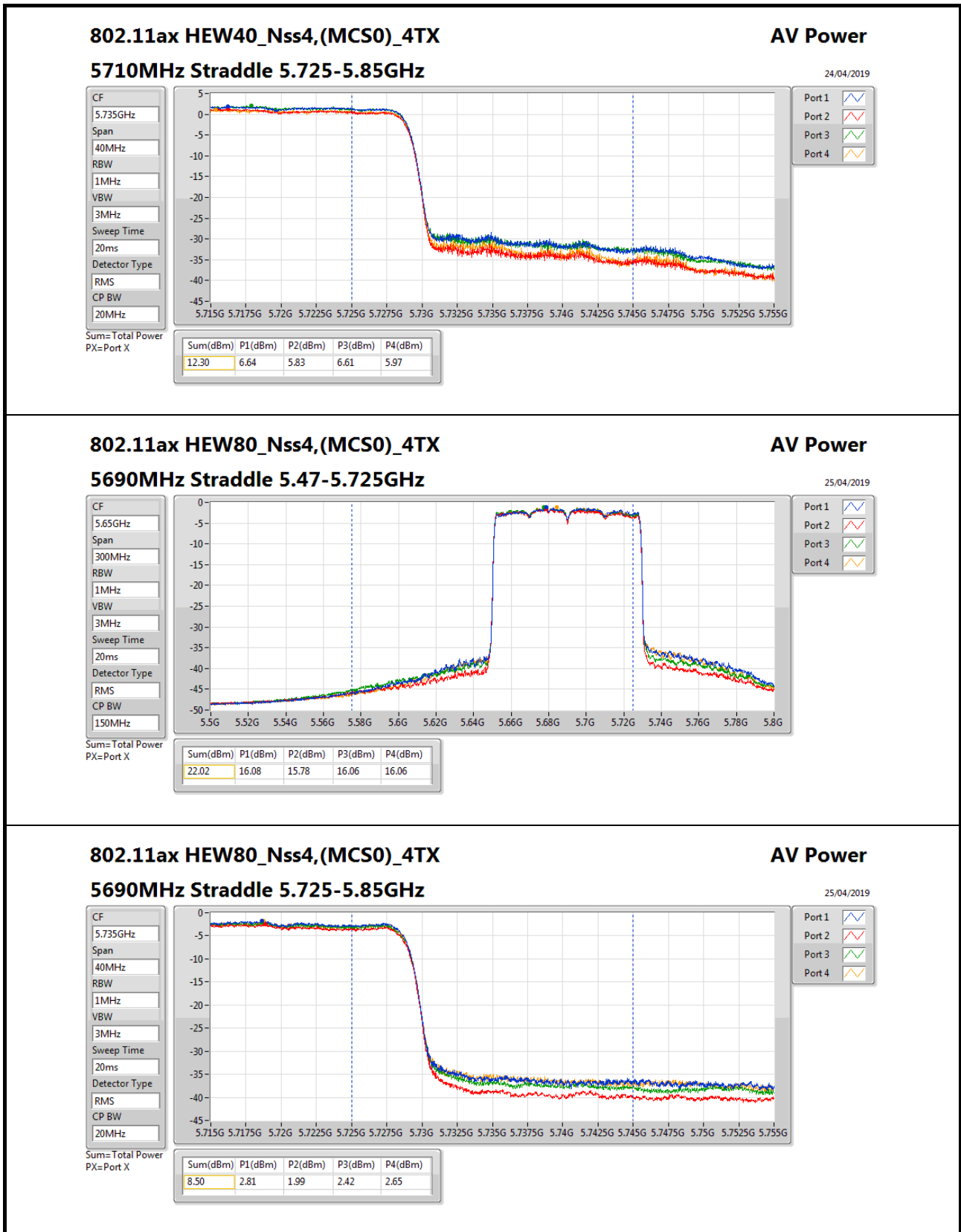
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.02	16.30	15.77	16.28	15.60



802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

AV Power

25/04/2019

CF
5.735GHz

Span
40MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS

CP BW
20MHz

Port 1

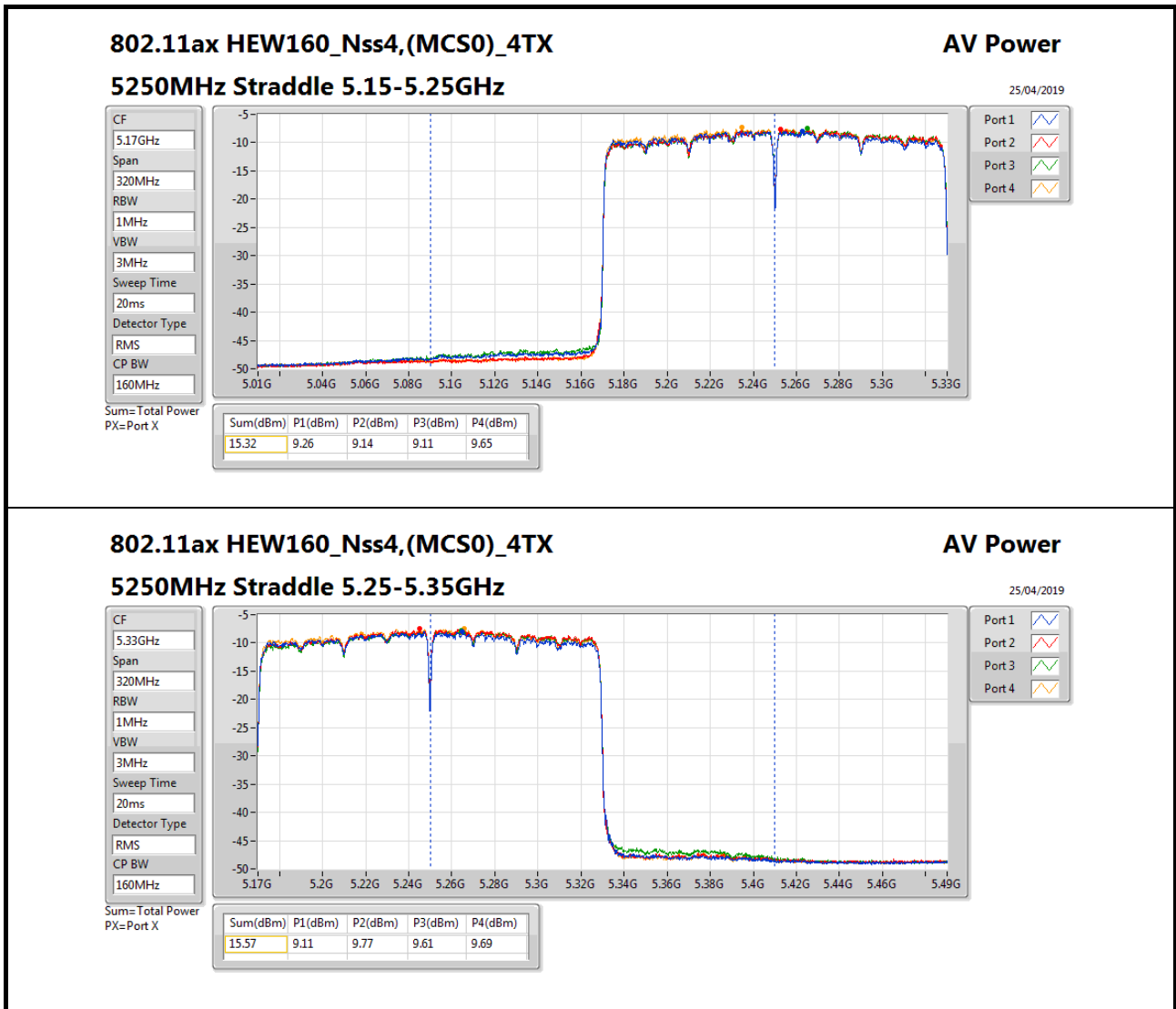
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.50	2.81	1.99	2.42	2.65





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

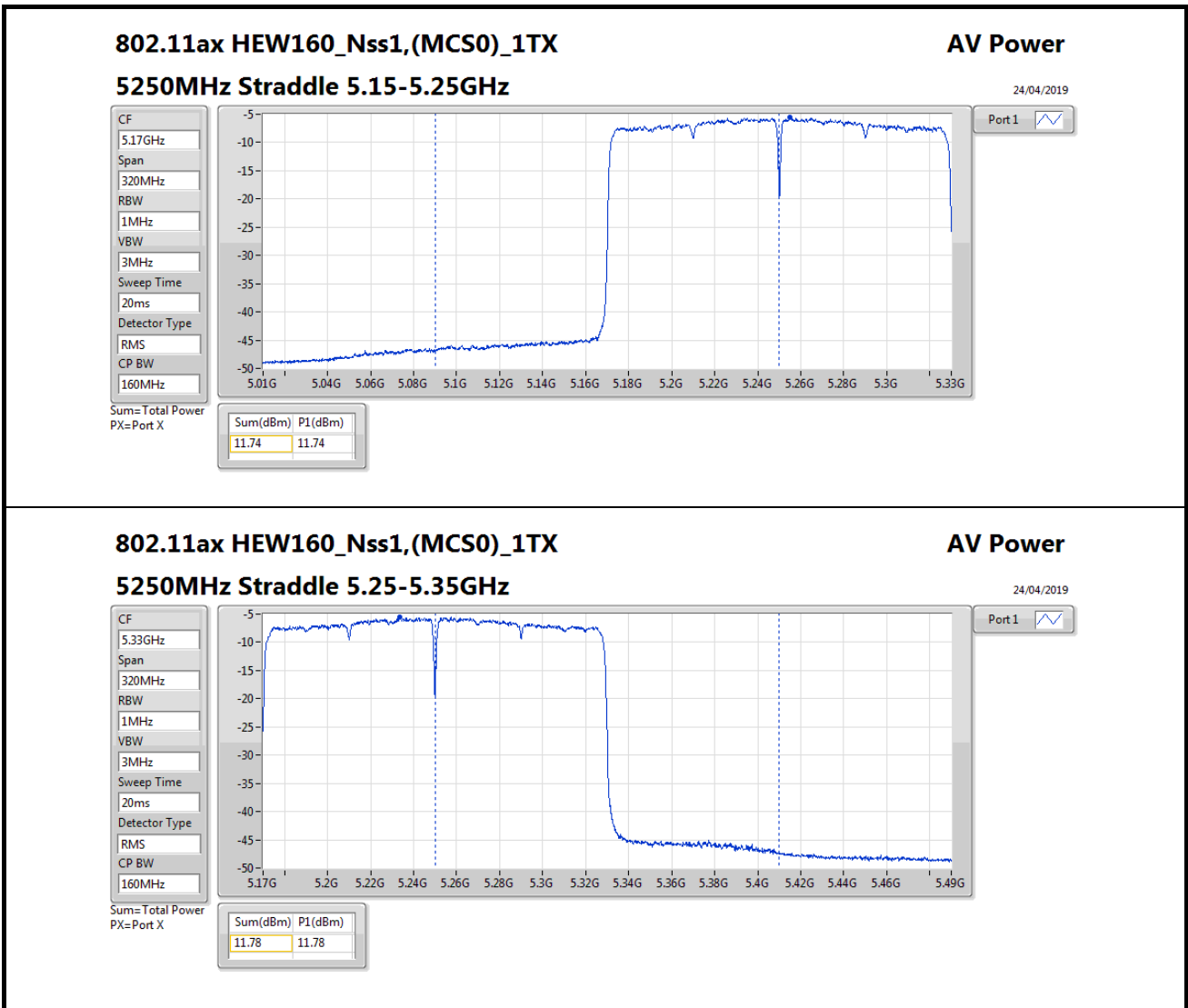
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.74	0.01493	19.67/17.27	0.09268
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.78	0.01507	19.71	0.09354



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
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93/5.53	11.74	11.74	28.07	19.67/17.27	36.00/21.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	11.78	11.78	22.05	19.71	Inf	14.75

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**

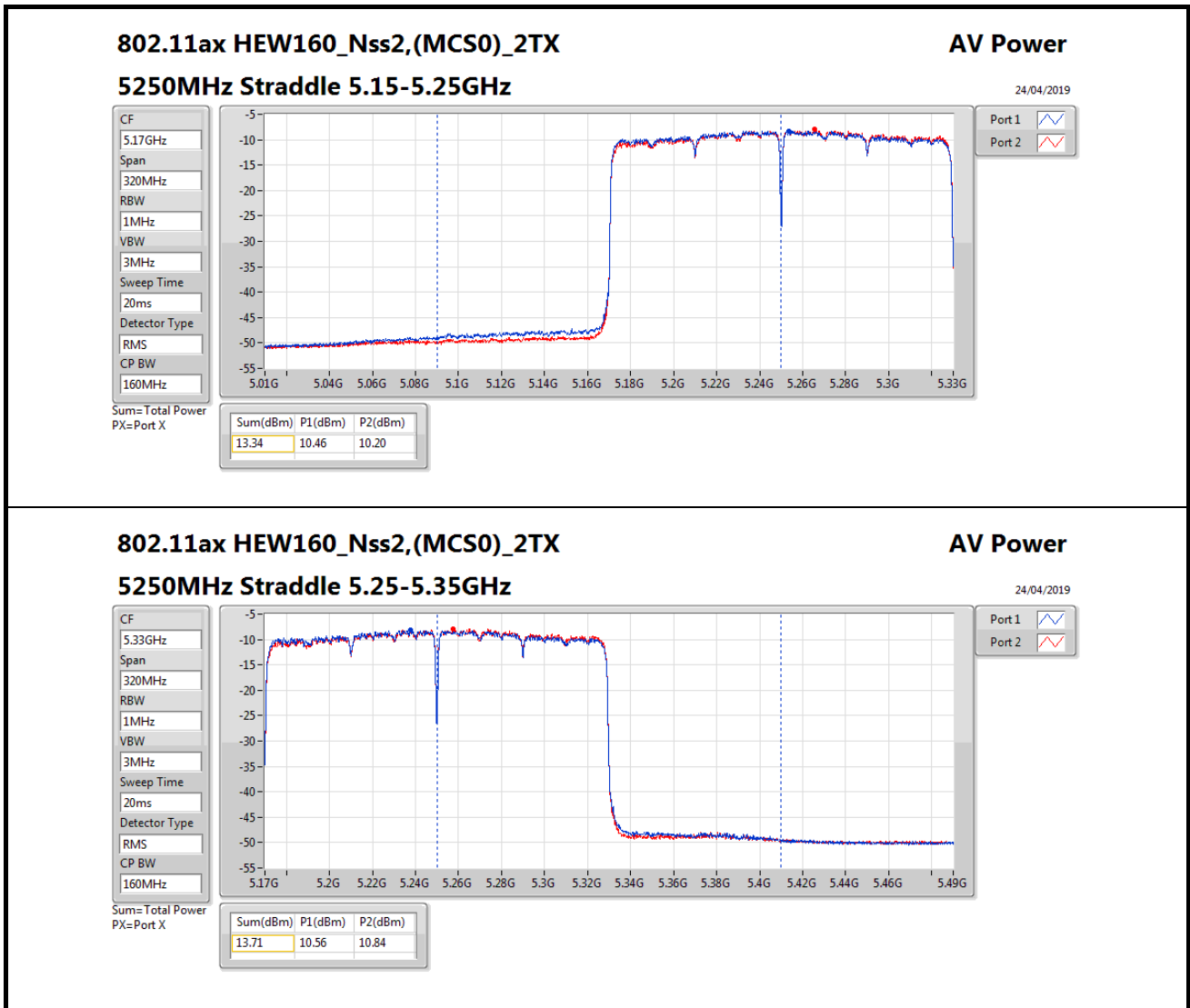
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.34	0.02158	21.27/18.87	0.13397
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.71	0.02350	21.64	0.14588



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 HEW160_Nss2.(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93/5.53	10.46	10.20	13.34	28.07	21.27/18.87	36.00/21.00	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	10.56	10.84	13.71	22.05	21.64	Inf	13.25

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**

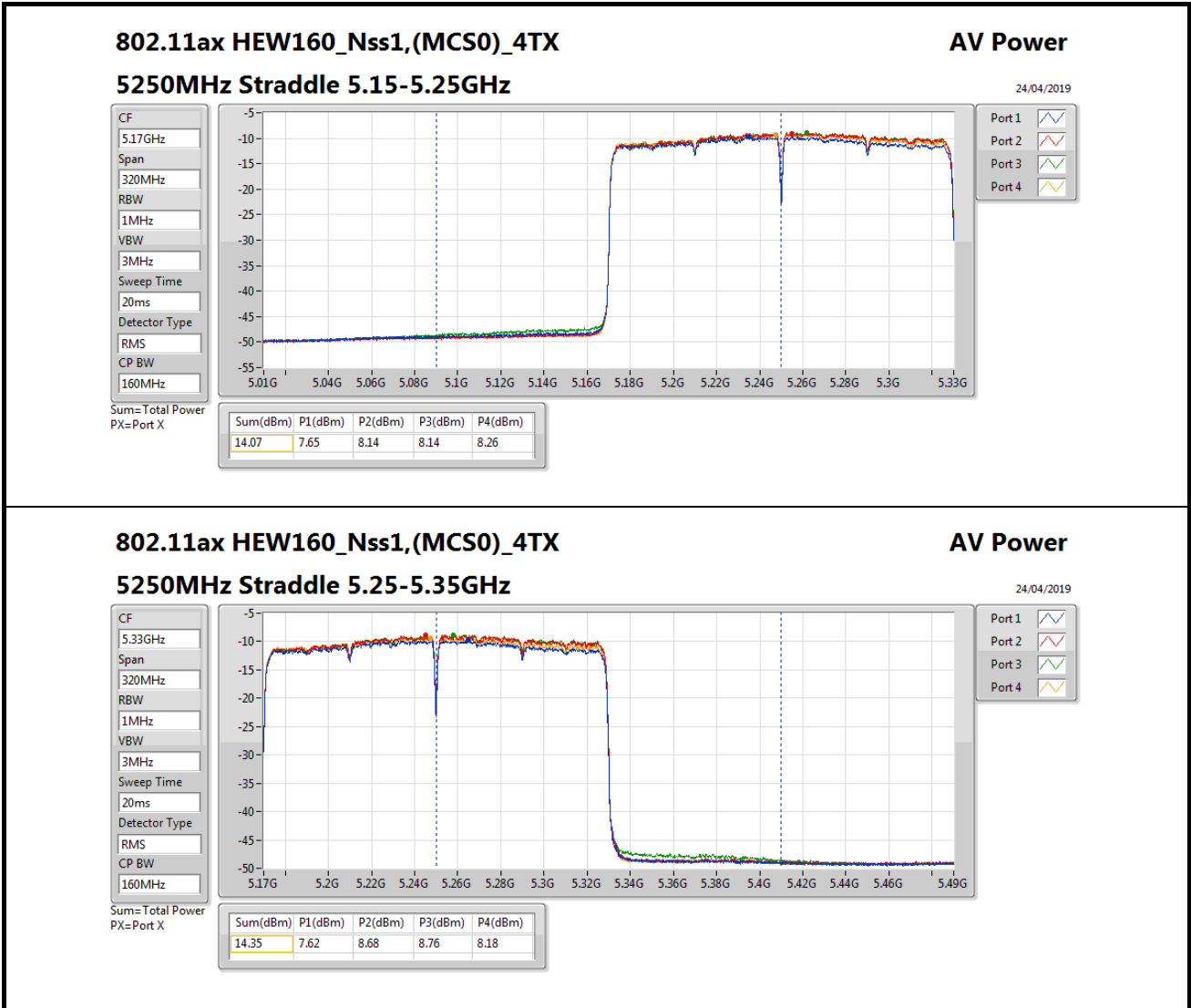
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.07	0.02553	22.00/19.60	0.15849
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.35	0.02723	22.28	0.16904



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 HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93/5.53	7.65	8.14	8.14	8.26	14.07	28.07	22.00/19.60	36.00/21.00	11.5
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	7.62	8.68	8.76	8.18	14.35	22.05	22.28	Inf	11.5

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**

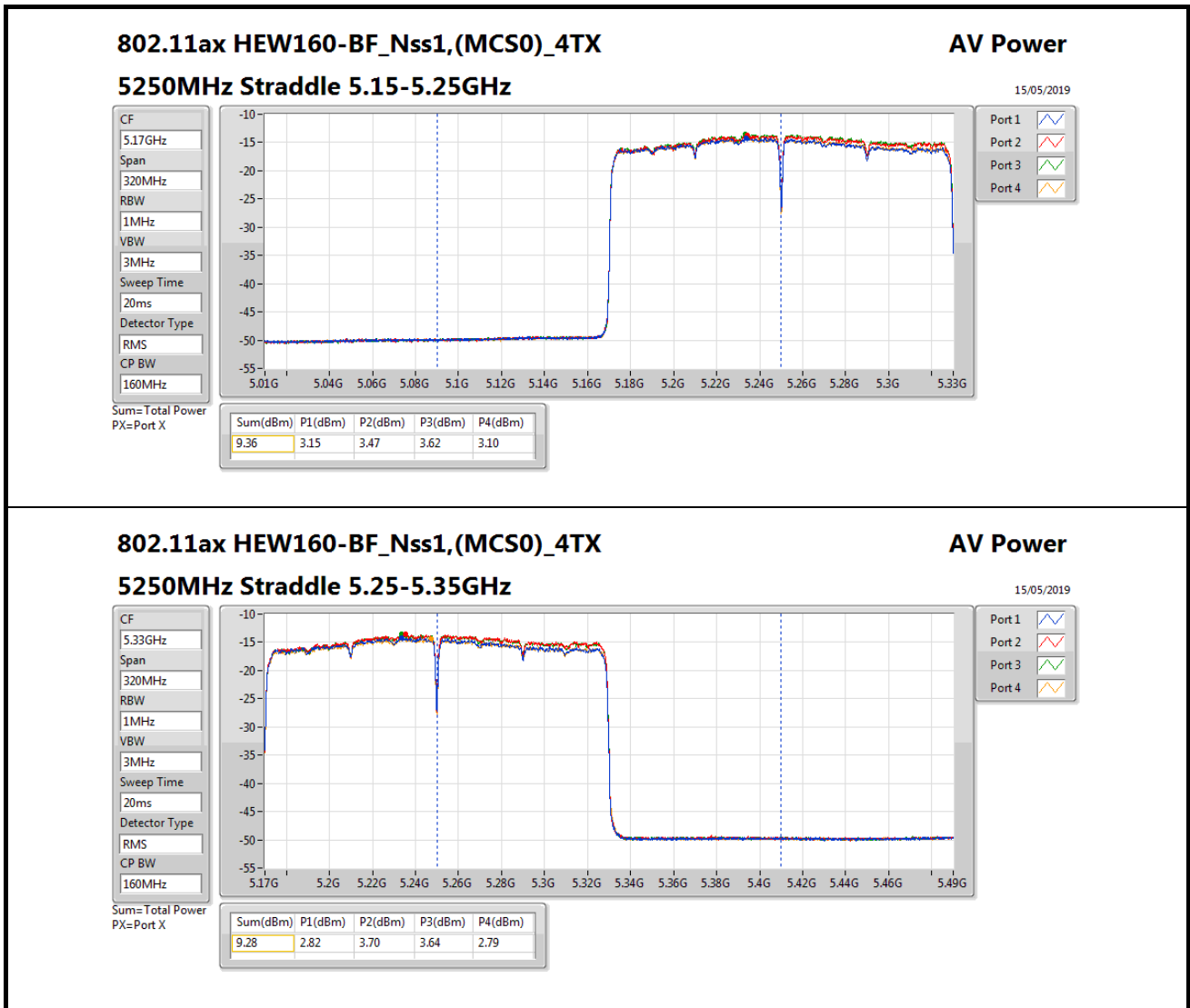
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.36	0.00863	23.31/20.91	0.21429
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.28	0.00847	23.23	0.21038



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 HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.95/11.55	3.15	3.47	3.62	3.10	9.36	22.05	23.31/20.91	36.00/21.00	6.75
5250MHz Straddle 5.25-5.35GHz	Pass	13.95	2.82	3.70	3.64	2.79	9.28	16.03	23.23	Inf	6.75

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



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

AV Power

15/05/2019



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

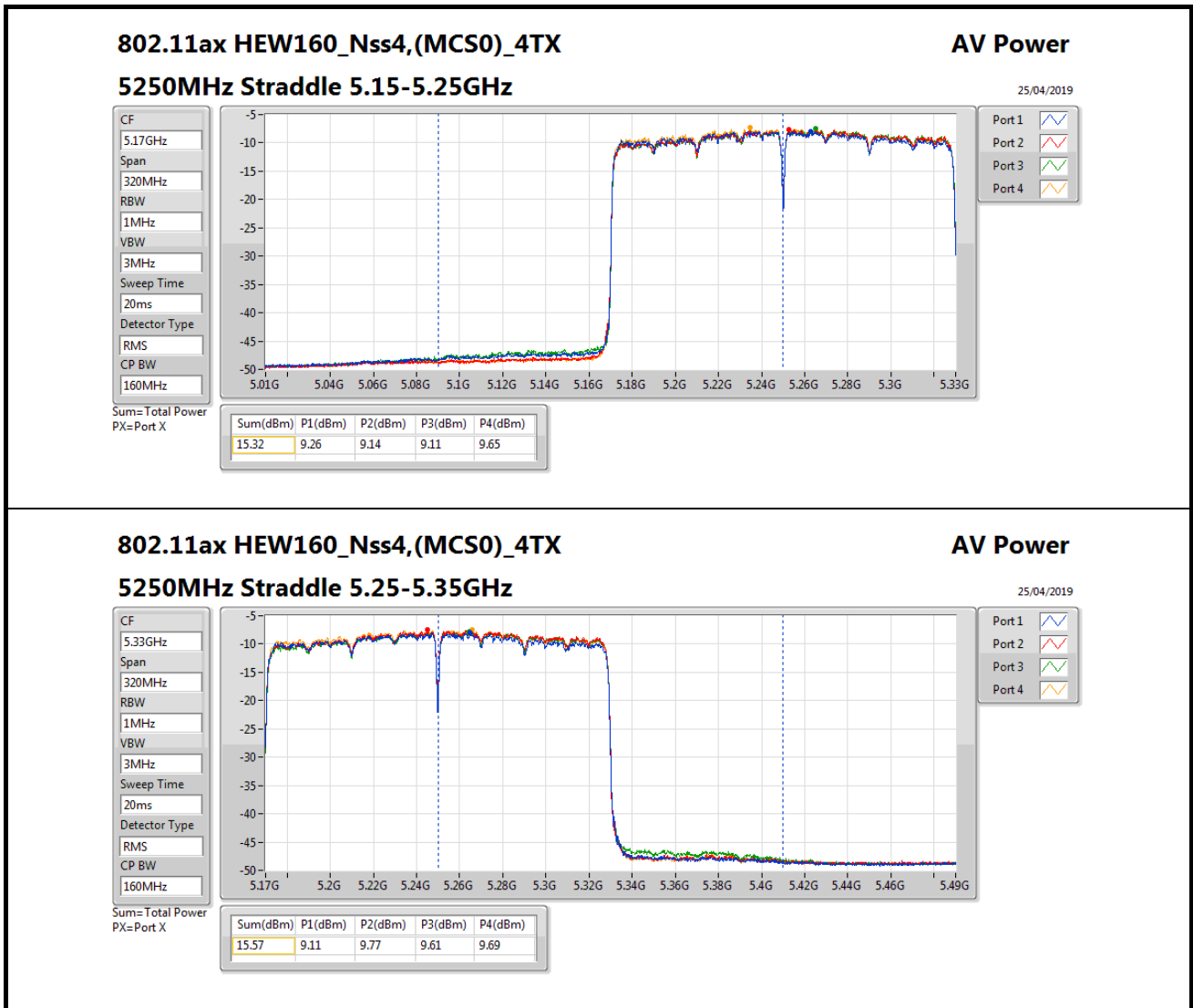
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.32	0.03404	23.25/20.85	0.21135
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.57	0.03606	23.50	0.22387



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 HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.93/5.53	9.26	9.14	9.11	9.65	15.32	28.07	23.25/20.85	36.00/21.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	7.93	9.11	9.77	9.61	9.69	15.57	22.05	23.50	Inf	12.5

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 2 ~ Band 4:
Summary**

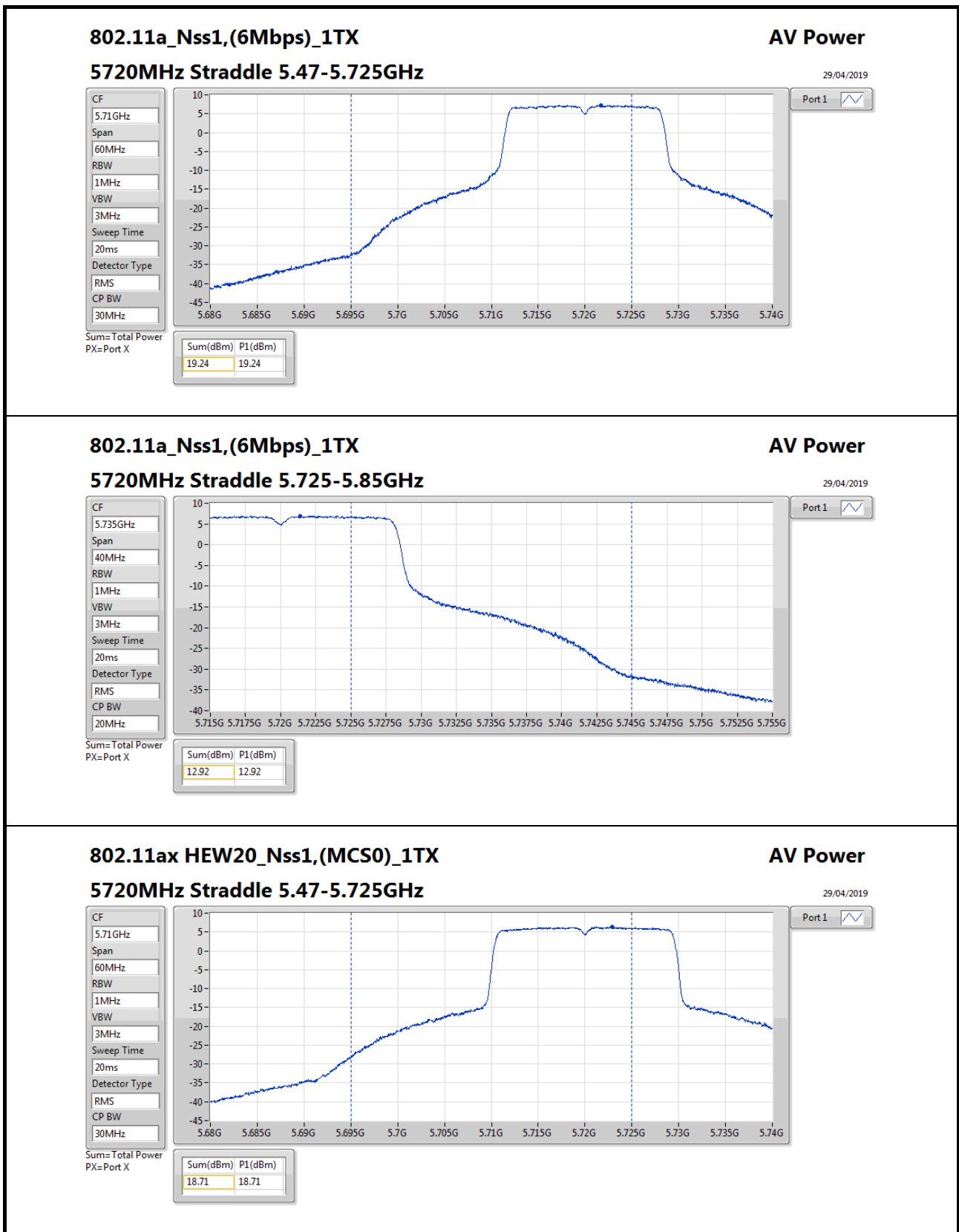
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.63	0.01455
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.39	0.08690
802.11ax HEW20_Nss1,(MCS0)_1TX	19.67	0.09268
802.11ax HEW40_Nss1,(MCS0)_1TX	19.41	0.08730
802.11ax HEW80_Nss1,(MCS0)_1TX	16.64	0.04613
802.11ax HEW160_Nss1,(MCS0)_1TX	11.78	0.01507
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.83	0.12106
802.11ax HEW20_Nss1,(MCS0)_1TX	21.29	0.13459
802.11ax HEW40_Nss1,(MCS0)_1TX	21.27	0.13397
802.11ax HEW80_Nss1,(MCS0)_1TX	20.08	0.10186
802.11ax HEW160_Nss1,(MCS0)_1TX	15.17	0.03289
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.92	0.01959
802.11ax HEW20_Nss1,(MCS0)_1TX	13.70	0.02344
802.11ax HEW40_Nss1,(MCS0)_1TX	10.47	0.01114
802.11ax HEW80_Nss1,(MCS0)_1TX	6.87	0.00486

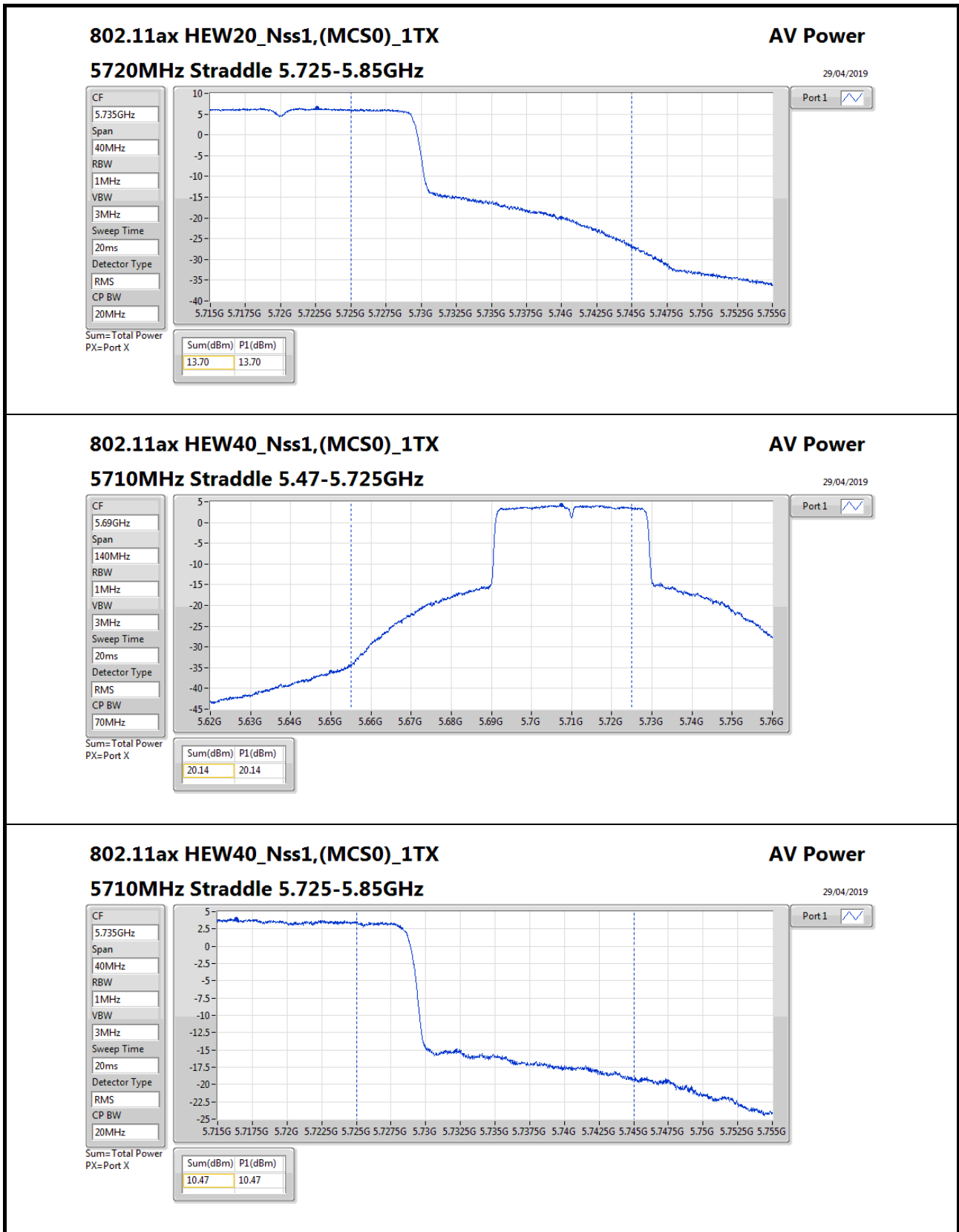


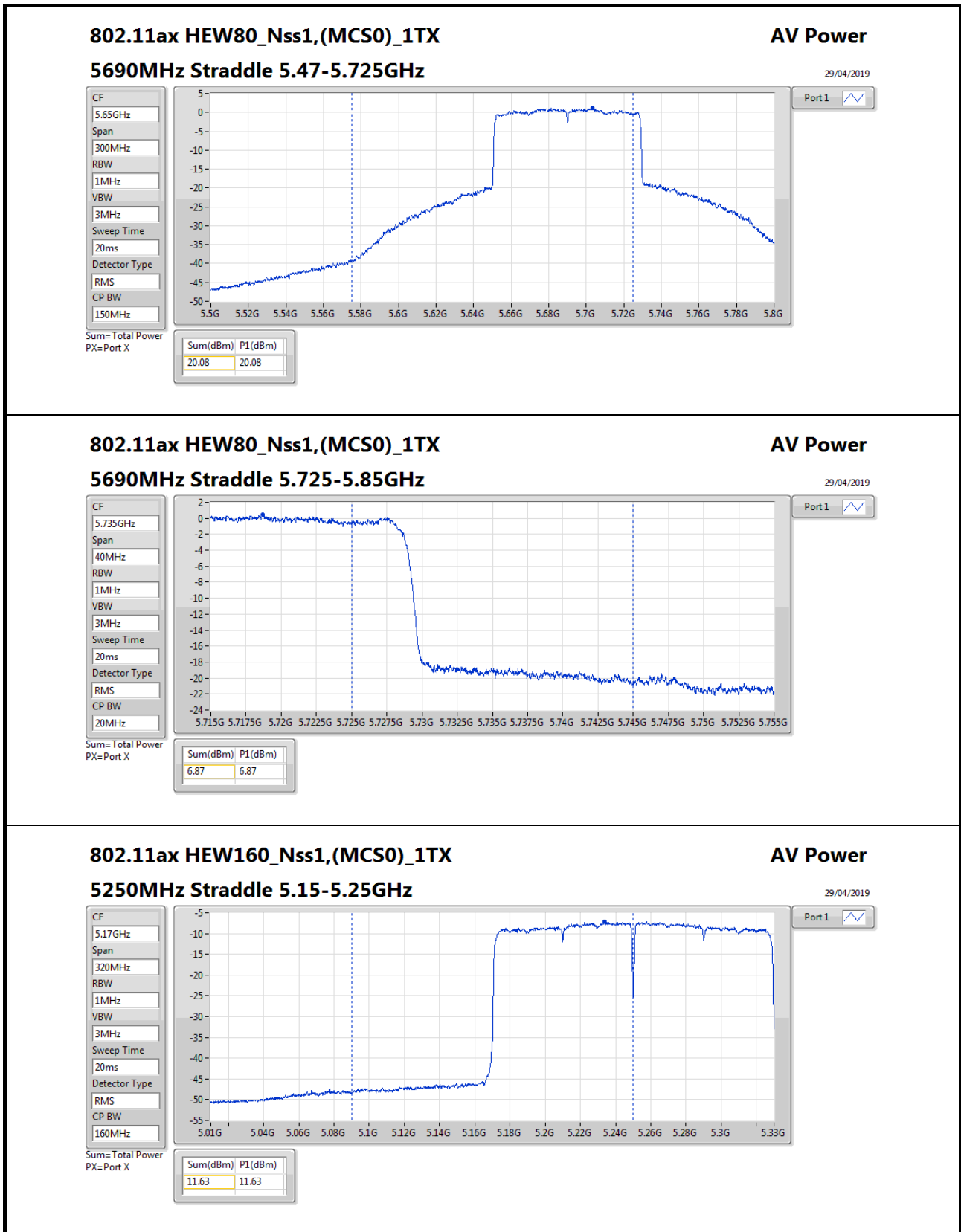
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	6.32	18.41	18.41	23.66	18.5
5300MHz	Pass	6.32	19.39	19.39	23.66	19.25
5320MHz	Pass	6.32	19.19	19.19	23.66	19.25
5500MHz	Pass	6.32	18.09	18.09	23.66	18
5580MHz	Pass	6.32	20.83	20.83	23.66	21.5
5700MHz	Pass	6.32	16.33	16.33	23.66	16.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.32	19.24	19.24	23.66	21
5720MHz Straddle 5.725-5.85GHz	Pass	6.32	12.92	12.92	29.68	21
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	6.32	19.67	19.67	23.66	19.5
5300MHz	Pass	6.32	19.56	19.56	23.66	19.5
5320MHz	Pass	6.32	19.33	19.33	23.66	19.25
5500MHz	Pass	6.32	16.48	16.48	23.66	16.5
5580MHz	Pass	6.32	21.29	21.29	23.66	21.5
5700MHz	Pass	6.32	15.91	15.91	23.66	15.75
5720MHz Straddle 5.47-5.725GHz	Pass	6.32	18.71	18.71	23.66	20.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.32	13.70	13.70	29.68	20.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	6.32	19.41	19.41	23.66	19.25
5310MHz	Pass	6.32	16.55	16.55	23.66	16.5
5510MHz	Pass	6.32	15.52	15.52	23.66	15.25
5550MHz	Pass	6.32	21.27	21.27	23.66	21.25
5670MHz	Pass	6.32	17.68	17.68	23.66	17.25
5710MHz Straddle 5.47-5.725GHz	Pass	6.32	20.14	20.14	23.66	20.75
5710MHz Straddle 5.725-5.85GHz	Pass	6.32	10.47	10.47	29.68	20.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	6.32	16.64	16.64	23.66	16.5
5530MHz	Pass	6.32	15.45	15.45	23.66	15.5
5610MHz	Pass	6.32	19.39	19.39	23.66	19.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.32	20.08	20.08	23.66	21
5690MHz Straddle 5.725-5.85GHz	Pass	6.32	6.87	6.87	29.68	21
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32	11.63	11.63	29.68	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	11.78	11.78	23.66	14.75
5570MHz	Pass	6.32	15.17	15.17	23.66	14.75

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







802.11ax HEW160_Nss1,(MCS0)_1TX

5250MHz Straddle 5.15-5.25GHz

AV Power

29/04/2019

CF

5.17GHz

Span

320MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

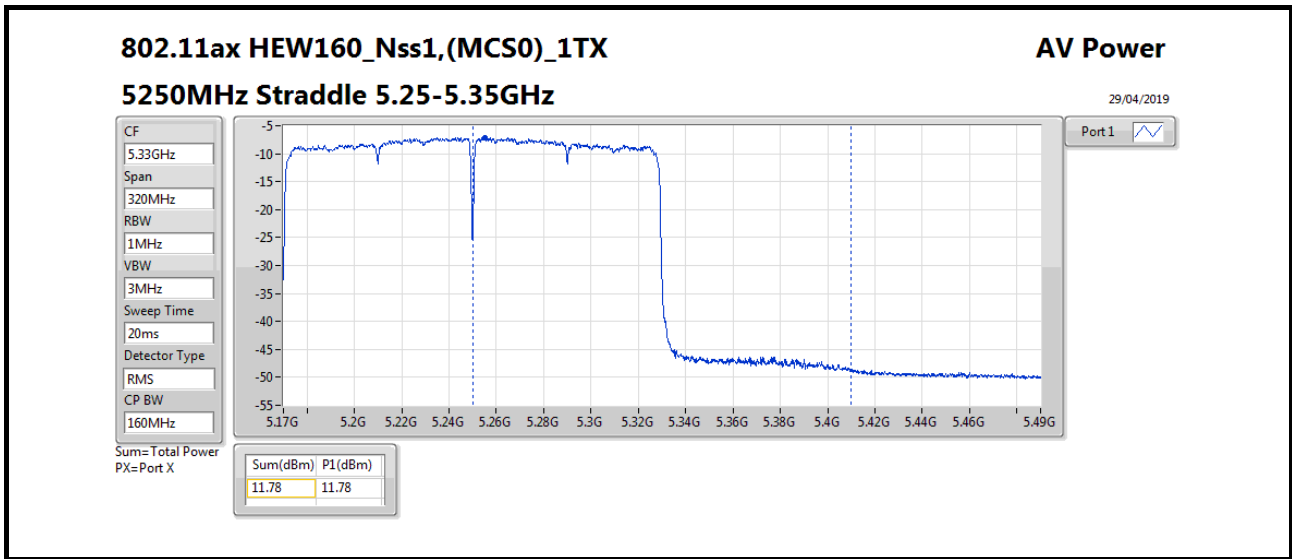
160MHz



Port 1

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
11.63	11.63





**For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	14.00	0.02512
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.70	0.18621
802.11ax HEW40_Nss2,(MCS0)_2TX	22.18	0.16520
802.11ax HEW80_Nss2,(MCS0)_2TX	18.33	0.06808
802.11ax HEW160_Nss2,(MCS0)_2TX	14.35	0.02723
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.46	0.22182
802.11ax HEW40_Nss2,(MCS0)_2TX	23.63	0.23067
802.11ax HEW80_Nss2,(MCS0)_2TX	22.85	0.19275
802.11ax HEW160_Nss2,(MCS0)_2TX	16.30	0.04266
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	17.70	0.05888
802.11ax HEW40_Nss2,(MCS0)_2TX	13.43	0.02203
802.11ax HEW80_Nss2,(MCS0)_2TX	9.02	0.00798

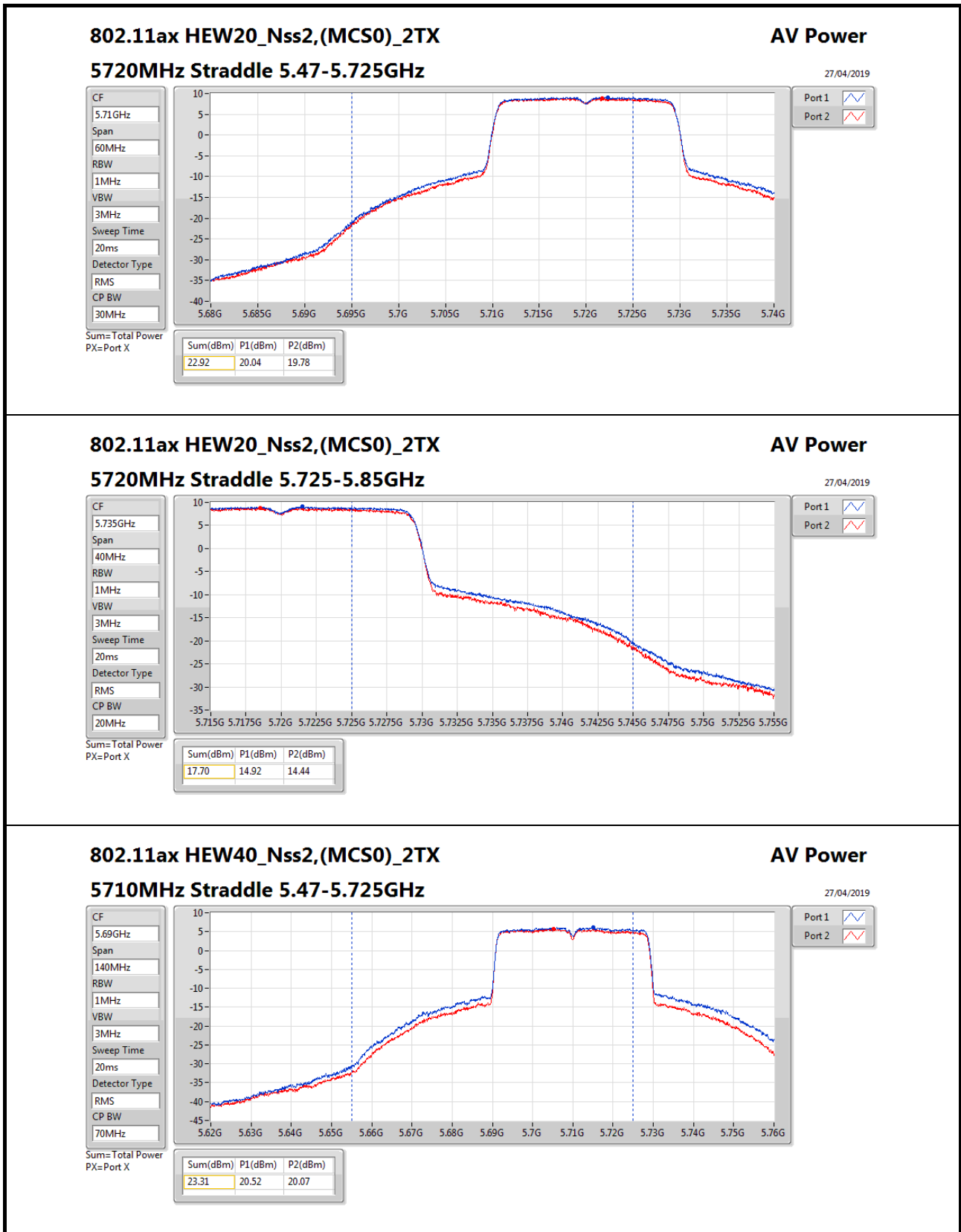


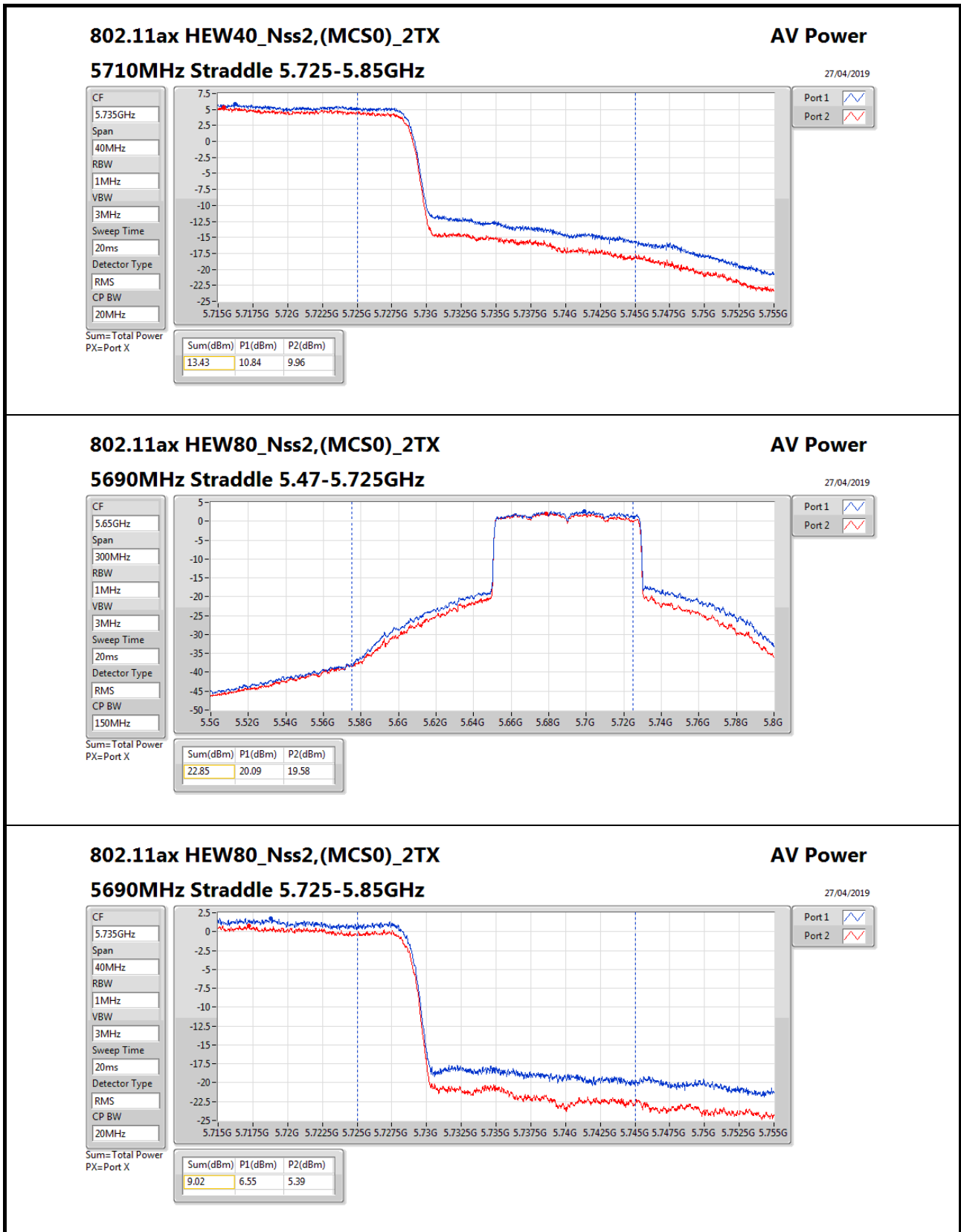
Result

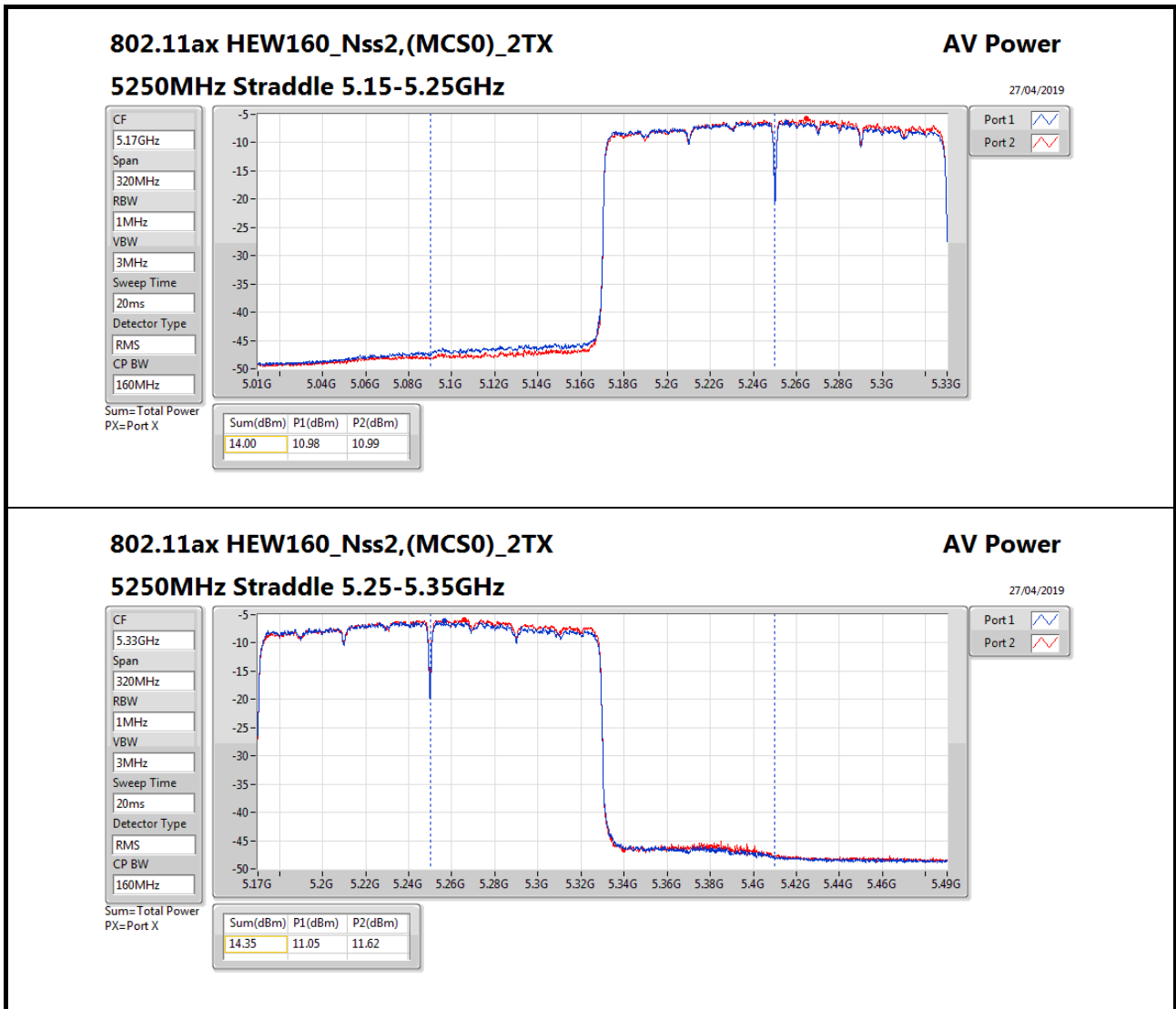
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	6.32	19.57	19.67	22.63	23.66	19.5
5300MHz	Pass	6.32	19.41	19.95	22.70	23.66	19.5
5320MHz	Pass	6.32	17.53	18.30	20.94	23.66	17.5
5500MHz	Pass	6.32	16.60	16.94	19.78	23.66	16.75
5580MHz	Pass	6.32	20.63	20.26	23.46	23.66	21
5700MHz	Pass	6.32	14.85	15.19	18.03	23.66	15.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.32	20.04	19.78	22.92	23.66	22.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.32	14.92	14.44	17.70	29.68	22.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	6.32	19.13	19.21	22.18	23.66	19.25
5310MHz	Pass	6.32	16.07	16.28	19.19	23.66	16
5510MHz	Pass	6.32	14.13	14.08	17.12	23.66	14.25
5550MHz	Pass	6.32	20.70	20.54	23.63	23.66	20.75
5670MHz	Pass	6.32	16.67	16.80	19.75	23.66	16.5
5710MHz Straddle 5.47-5.725GHz	Pass	6.32	20.52	20.07	23.31	23.66	21.75
5710MHz Straddle 5.725-5.85GHz	Pass	6.32	10.84	9.96	13.43	29.68	21.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	6.32	15.35	15.28	18.33	23.66	15
5530MHz	Pass	6.32	13.16	13.45	16.32	23.66	13.5
5610MHz	Pass	6.32	17.23	17.33	20.29	23.66	17.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.32	20.09	19.58	22.85	23.66	20.25
5690MHz Straddle 5.725-5.85GHz	Pass	6.32	6.55	5.39	9.02	29.68	20.25
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32	10.98	10.99	14.00	29.68	14
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	11.05	11.62	14.35	23.66	14
5570MHz	Pass	6.32	13.25	13.32	16.30	23.66	13.5

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 2 ~ Band 4:
Summary**

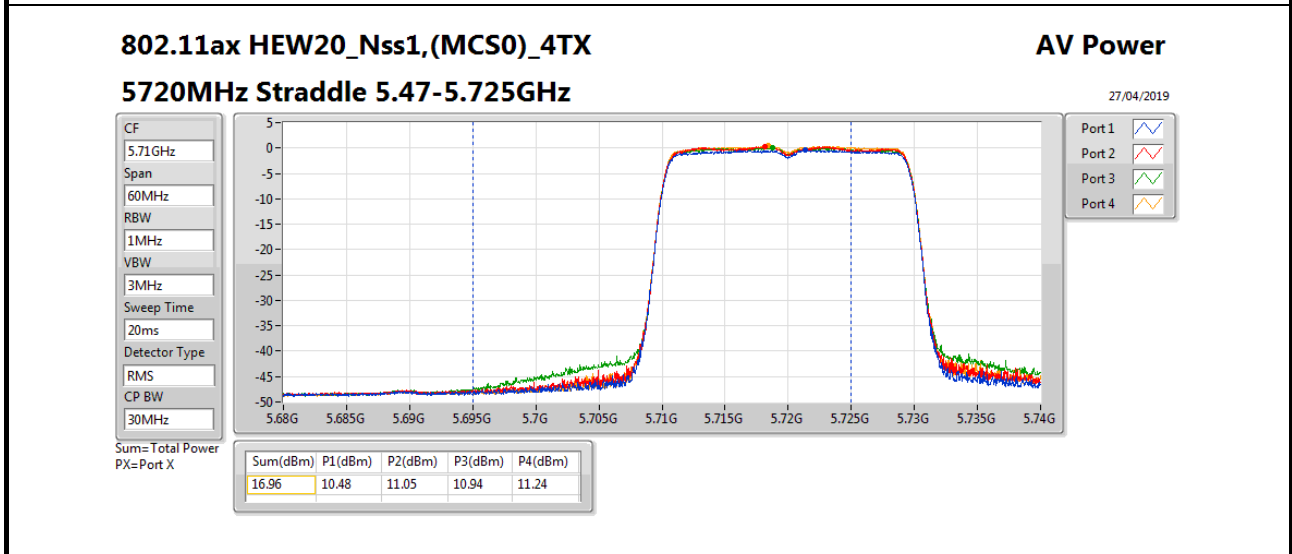
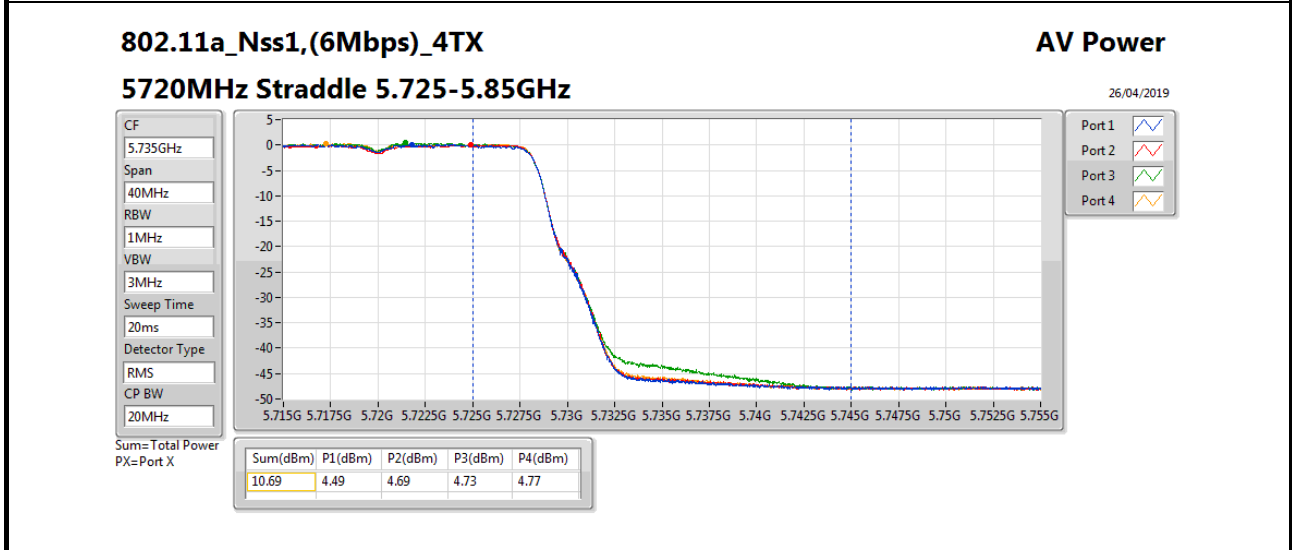
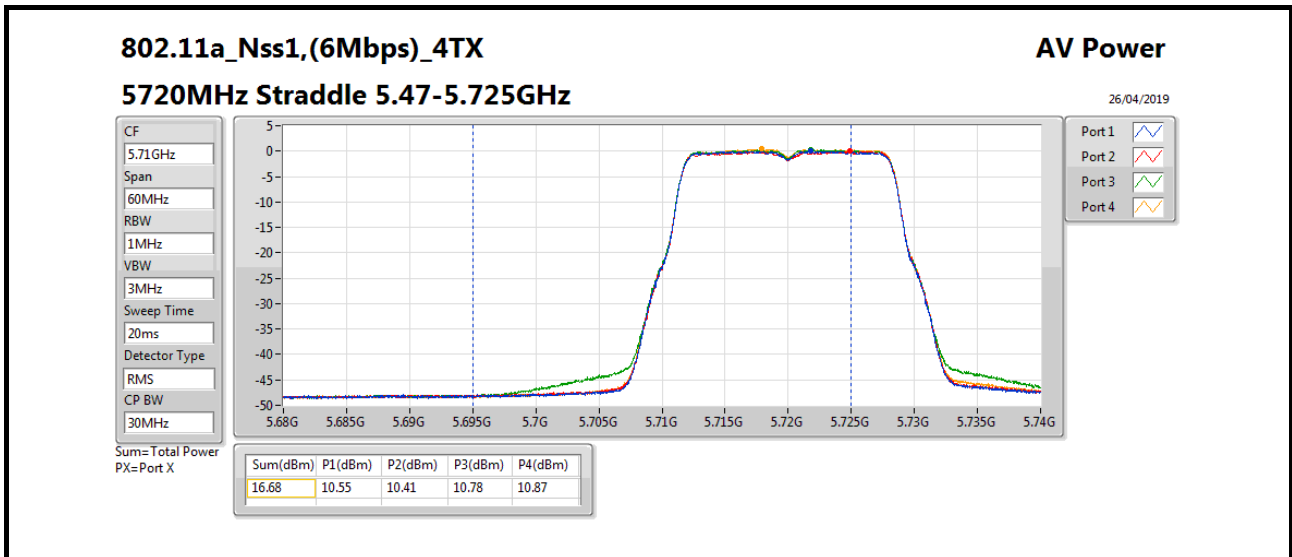
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.99	0.03155
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.66	0.05834
802.11ax HEW20_Nss1,(MCS0)_4TX	18.34	0.06823
802.11ax HEW40_Nss1,(MCS0)_4TX	21.05	0.12735
802.11ax HEW80_Nss1,(MCS0)_4TX	19.96	0.09908
802.11ax HEW160_Nss1,(MCS0)_4TX	15.29	0.03381
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.79	0.06012
802.11ax HEW20_Nss1,(MCS0)_4TX	18.23	0.06653
802.11ax HEW40_Nss1,(MCS0)_4TX	20.94	0.12417
802.11ax HEW80_Nss1,(MCS0)_4TX	23.52	0.22491
802.11ax HEW160_Nss1,(MCS0)_4TX	18.76	0.07516
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.69	0.01172
802.11ax HEW20_Nss1,(MCS0)_4TX	11.72	0.01486
802.11ax HEW40_Nss1,(MCS0)_4TX	10.75	0.01189
802.11ax HEW80_Nss1,(MCS0)_4TX	9.99	0.00998

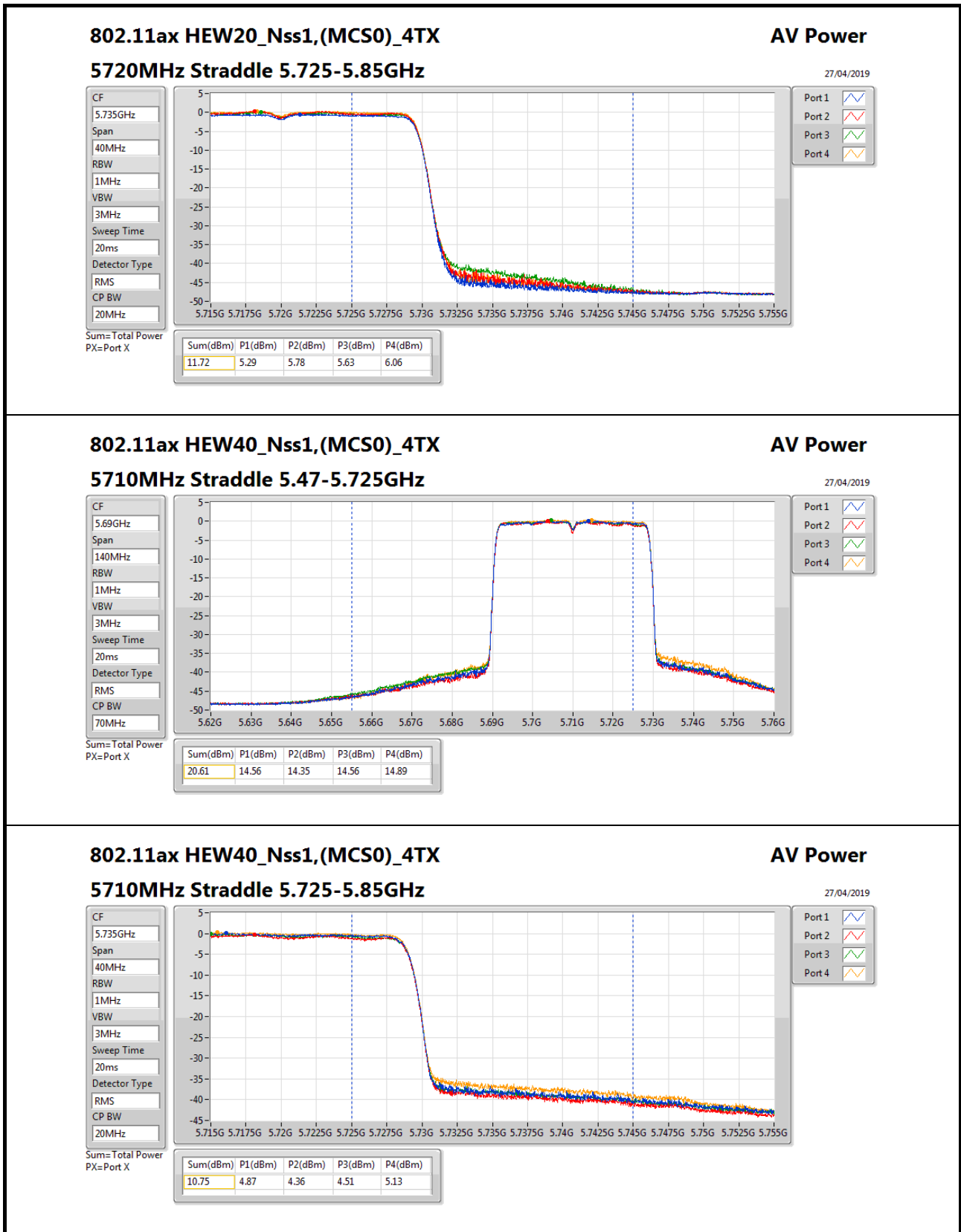


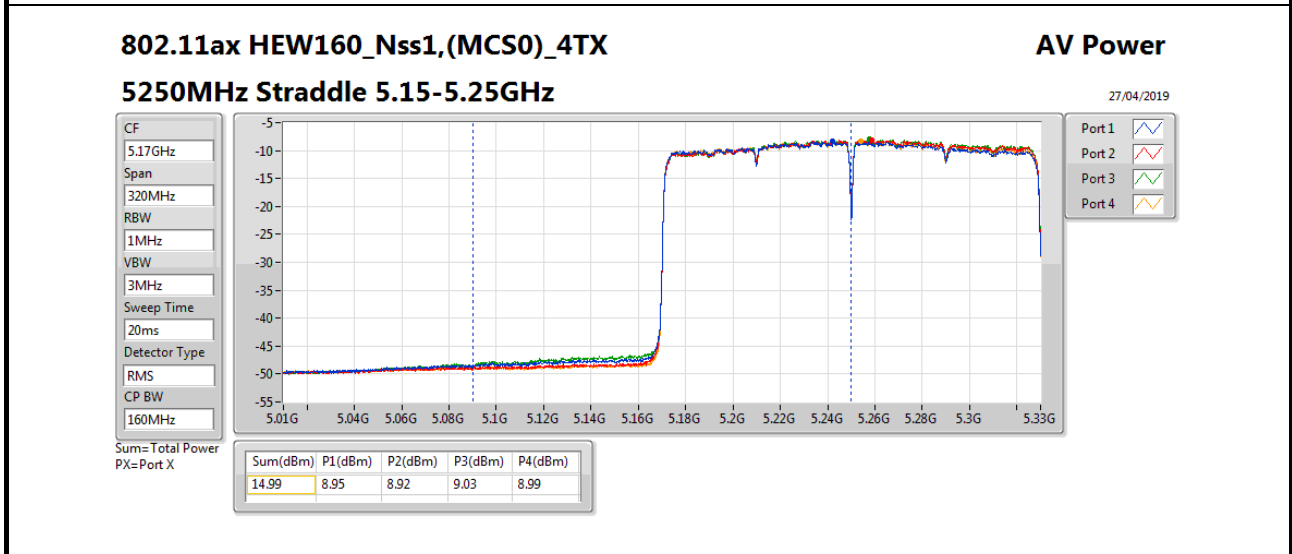
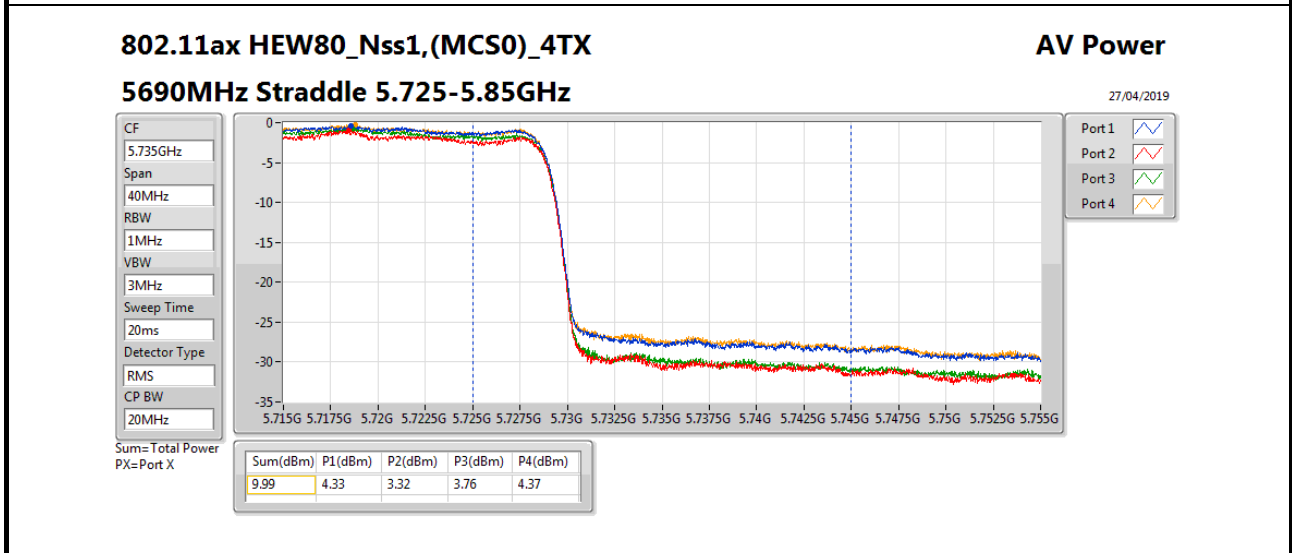
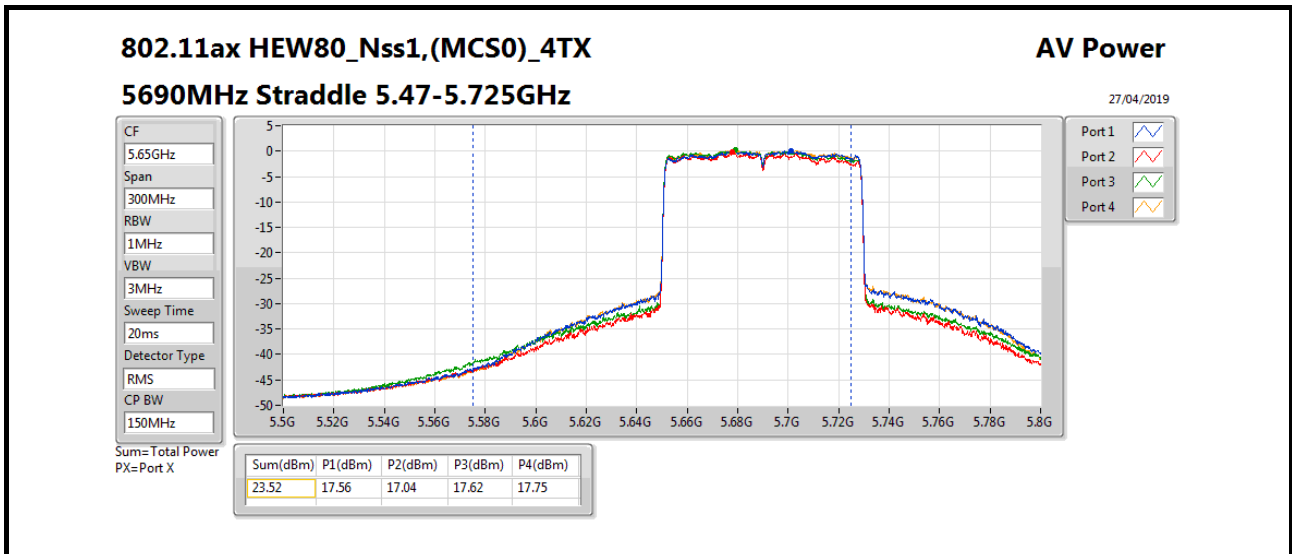
Result

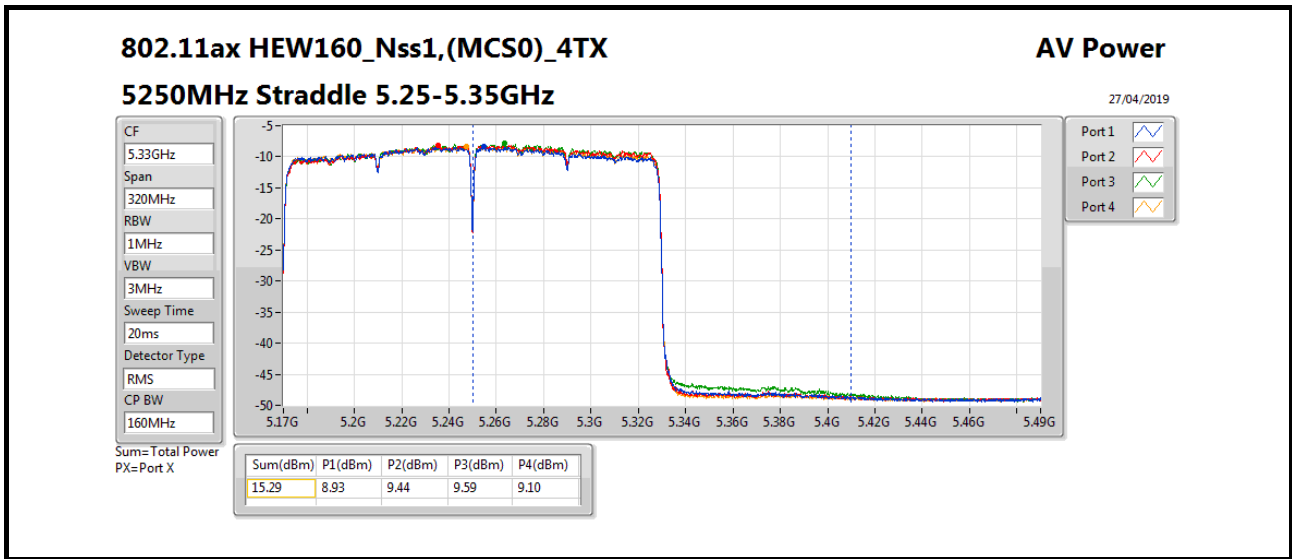
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.32	11.12	11.65	12.03	11.72	17.66	23.66	11.75
5300MHz	Pass	6.32	10.60	11.91	12.03	11.69	17.61	23.66	11.75
5320MHz	Pass	6.32	10.62	11.66	11.98	11.91	17.60	23.66	11.75
5500MHz	Pass	6.32	11.35	11.83	11.70	11.57	17.64	23.66	12
5580MHz	Pass	6.32	11.36	11.45	12.12	11.65	17.68	23.66	12
5700MHz	Pass	6.32	11.73	11.19	11.94	12.17	17.79	23.66	12
5720MHz Straddle 5.47-5.725GHz	Pass	6.32	10.55	10.41	10.78	10.87	16.68	22.60	12
5720MHz Straddle 5.725-5.85GHz	Pass	6.32	4.49	4.69	4.73	4.77	10.69	29.68	12
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.32	11.38	12.55	12.64	12.56	18.33	23.66	12.25
5300MHz	Pass	6.32	11.27	12.35	12.63	12.22	18.17	23.66	12
5320MHz	Pass	6.32	11.55	12.70	12.86	12.05	18.34	23.66	12
5500MHz	Pass	6.32	11.53	12.33	12.41	12.24	18.16	23.66	12.25
5580MHz	Pass	6.32	11.87	12.01	12.59	12.34	18.23	23.66	12.5
5700MHz	Pass	6.32	11.85	11.78	11.70	12.20	17.91	23.66	11.75
5720MHz Straddle 5.47-5.725GHz	Pass	6.32	10.48	11.05	10.94	11.24	16.96	22.64	12.25
5720MHz Straddle 5.725-5.85GHz	Pass	6.32	5.29	5.78	5.63	6.06	11.72	29.68	12.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.32	14.63	15.03	15.46	14.97	21.05	23.66	15
5310MHz	Pass	6.32	13.71	14.26	14.50	14.45	20.26	23.66	14
5510MHz	Pass	6.32	12.94	13.94	13.99	13.74	19.69	23.66	13.5
5550MHz	Pass	6.32	14.83	14.93	15.03	14.88	20.94	23.66	15
5670MHz	Pass	6.32	15.27	14.58	14.81	14.97	20.94	23.66	14.75
5710MHz Straddle 5.47-5.725GHz	Pass	6.32	14.56	14.35	14.56	14.89	20.61	23.66	15
5710MHz Straddle 5.725-5.85GHz	Pass	6.32	4.87	4.36	4.51	5.13	10.75	29.68	15
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.32	13.35	13.77	14.03	14.54	19.96	23.66	13.75
5530MHz	Pass	6.32	13.76	13.98	14.38	14.08	20.08	23.66	14.25
5610MHz	Pass	6.32	17.09	16.80	17.33	17.42	23.19	23.66	17.25
5690MHz Straddle 5.47-5.725GHz	Pass	6.32	17.56	17.04	17.62	17.75	23.52	23.66	17.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.32	4.33	3.32	3.76	4.37	9.99	29.68	17.75
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.32	8.95	8.92	9.03	8.99	14.99	29.68	12.25
5250MHz Straddle 5.25-5.35GHz	Pass	6.32	8.93	9.44	9.59	9.10	15.29	23.66	12.25
5570MHz	Pass	6.32	12.51	12.65	13.04	12.73	18.76	23.66	12.5
5570MHz	Pass	6.16	14.32	14.02	14.79	15.06	20.59	23.82	14.5

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 2 ~ Band 4:
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.89	0.03882
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.62	0.05781
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.61	0.05768
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.62	0.05781
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	16.21	0.04178
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.62	0.05781
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.63	0.05794
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.52	0.05649
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.62	0.05781
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.17	0.01309
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.78	0.00600
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.84	0.00242



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	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.34	11.20	11.97	11.42	11.60	17.58	17.64	11.5
5300MHz	Pass	12.34	10.95	11.63	12.10	11.55	17.60	17.64	11.5
5320MHz	Pass	12.34	10.81	12.07	11.83	11.60	17.62	17.64	11.5
5500MHz	Pass	12.34	11.09	11.76	11.81	11.69	17.62	17.64	11.75
5580MHz	Pass	12.34	10.95	11.82	11.66	11.38	17.49	17.64	11.75
5700MHz	Pass	12.34	11.36	11.32	11.17	11.73	17.42	17.64	11.25
5720MHz Straddle 5.47-5.725GHz	Pass	12.34	10.14	10.68	10.11	10.53	16.39	16.61	11.75
5720MHz Straddle 5.725-5.85GHz	Pass	12.34	4.96	5.32	5.01	5.31	11.17	23.66	11.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	12.34	11.19	11.88	11.52	11.74	17.61	17.64	11.5
5310MHz	Pass	12.34	11.04	11.76	11.87	11.53	17.58	17.64	11.25
5510MHz	Pass	12.34	11.02	12.05	11.64	11.67	17.63	17.64	11.5
5550MHz	Pass	12.34	11.21	11.68	11.39	11.43	17.45	17.64	11.5
5670MHz	Pass	12.34	11.33	11.91	11.60	11.56	17.63	17.64	11.5
5710MHz Straddle 5.47-5.725GHz	Pass	12.34	11.79	11.94	11.12	11.40	17.60	17.64	12
5710MHz Straddle 5.725-5.85GHz	Pass	12.34	2.10	1.99	1.11	1.77	7.78	23.66	12
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	12.34	11.09	11.15	11.87	12.17	17.62	17.64	11.25
5530MHz	Pass	12.34	11.05	11.86	11.58	11.46	17.52	17.64	11.5
5610MHz	Pass	12.34	11.54	11.37	11.41	11.65	17.51	17.64	11.5
5690MHz Straddle 5.47-5.725GHz	Pass	12.34	11.41	11.99	10.93	11.52	17.50	17.64	11.75
5690MHz Straddle 5.725-5.85GHz	Pass	12.34	-1.96	-1.88	-2.96	-2.01	3.84	23.66	11.75
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.34	9.91	9.95	9.73	9.88	15.89	23.66	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	12.34	9.88	10.56	10.22	10.07	16.21	17.64	13.25
5570MHz	Pass	12.34	11.51	11.74	11.28	11.86	17.62	17.64	11.5

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

Note : Conducted setting = Pass conducted setting division 4.

