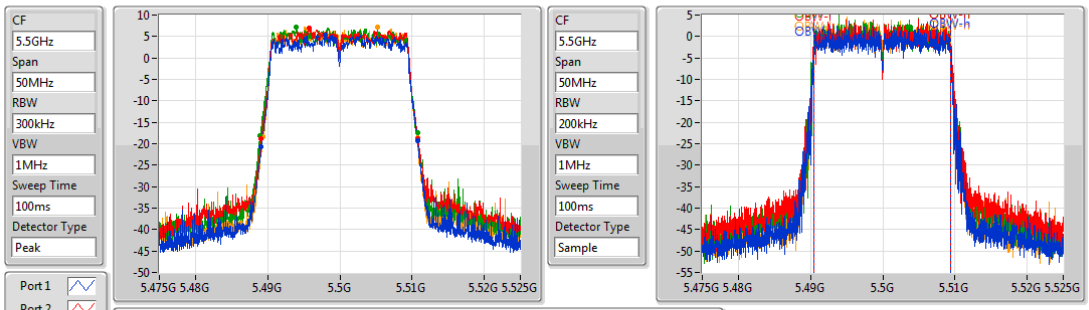
802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5500MHz

08/03/2019

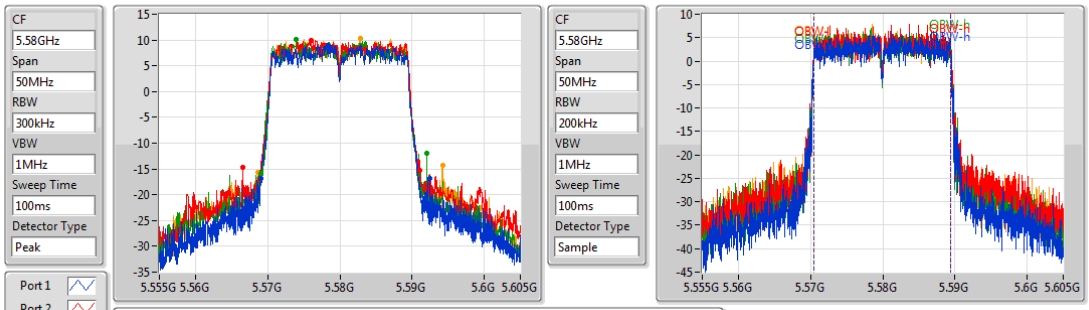


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.489125G	5.51085G	18.941M	5.49048G	5.50942G	Inf	1
21.725M	5.4891G	5.510825G	18.991M	5.49043G	5.50942G	Inf	2
21.9M	5.4889G	5.5108G	18.941M	5.49048G	5.50942G	Inf	3
21.5M	5.4893G	5.5108G	18.941M	5.49048G	5.50942G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5580MHz

07/03/2019

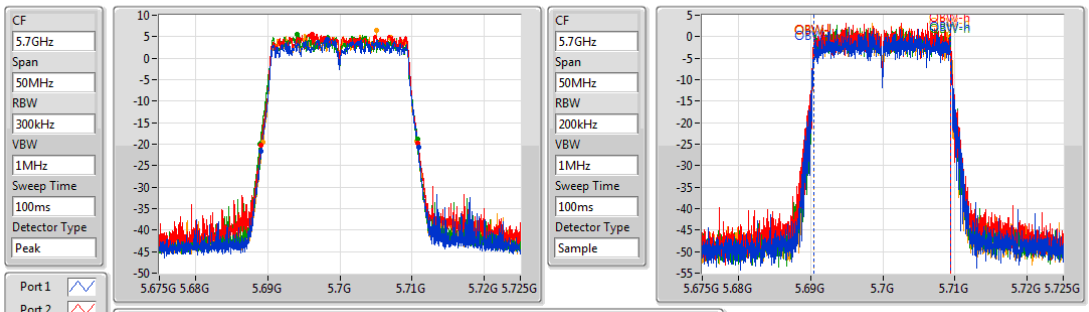


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.375M	5.569025G	5.5924G	18.966M	5.57048G	5.589445G	Inf	1
24.625M	5.5665G	5.591125G	18.991M	5.570455G	5.589445G	Inf	2
23.025M	5.56905G	5.592075G	18.941M	5.57048G	5.58942G	Inf	3
25.55M	5.568675G	5.594225G	18.991M	5.57048G	5.58947G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5700MHz

08/03/2019

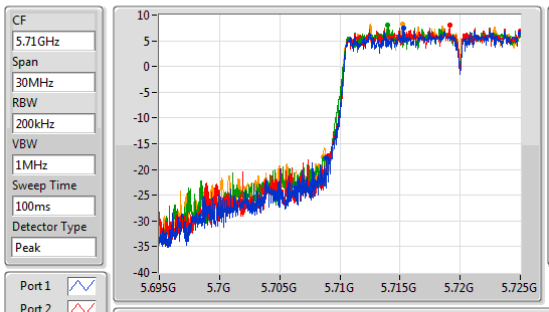


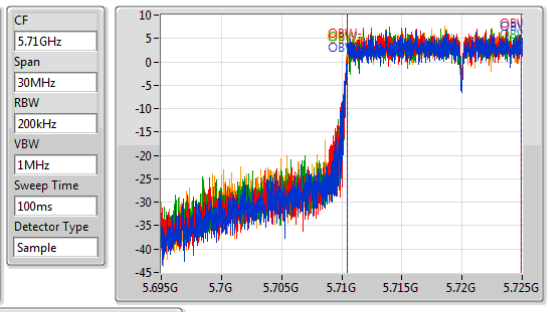
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.6891G	5.710875G	18.966M	5.690455G	5.70942G	Inf	1
21.775M	5.68905G	5.710825G	18.966M	5.690455G	5.70942G	Inf	2
21.8M	5.688925G	5.710725G	18.941M	5.69048G	5.70942G	Inf	3
21.35M	5.689325G	5.710675G	18.941M	5.69048G	5.70942G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX — EBW

5720MHz Straddle 5.47-5.725GHz

07/03/2019



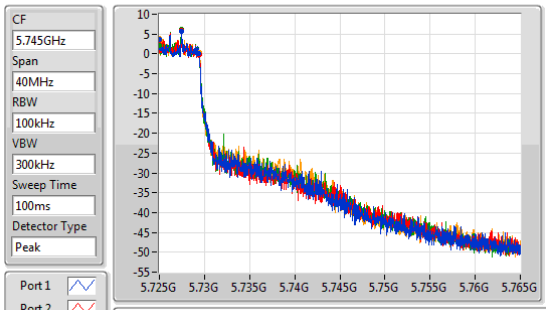


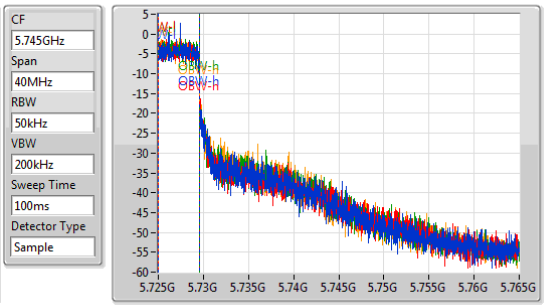
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.11M	5.70889G	5.725G	14.498M	5.710435G	5.724933G	Inf	1
15.93M	5.70907G	5.725G	14.498M	5.710435G	5.724933G	Inf	2
16.29M	5.70871G	5.725G	14.468M	5.710435G	5.724903G	Inf	3
16.41M	5.70859G	5.725G	14.528M	5.71042G	5.724948G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX — EBW

5720MHz Straddle 5.725-5.85GHz

07/03/2019



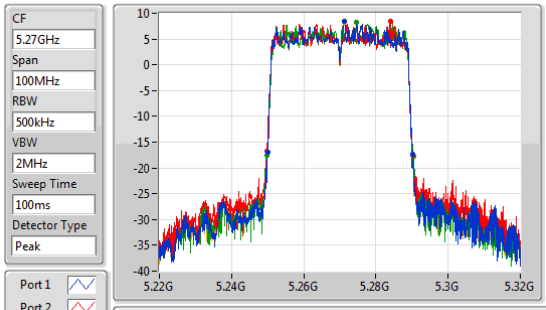


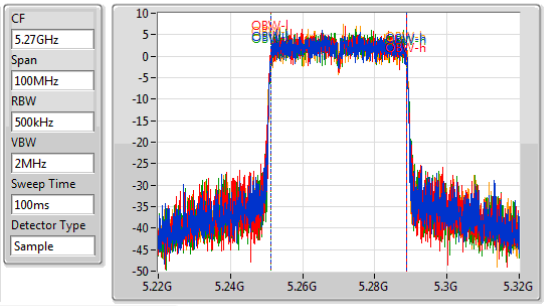
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.4M	5.725G	5.7294G	4.518M	5.72503G	5.729548G	500k	1
4.48M	5.725G	5.72948G	4.598M	5.72501G	5.729608G	500k	2
4.4M	5.725G	5.7294G	4.578M	5.72503G	5.729608G	500k	3
4.5M	5.725G	5.7295G	4.558M	5.72503G	5.729588G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX — EBW

5270MHz

29/04/2019



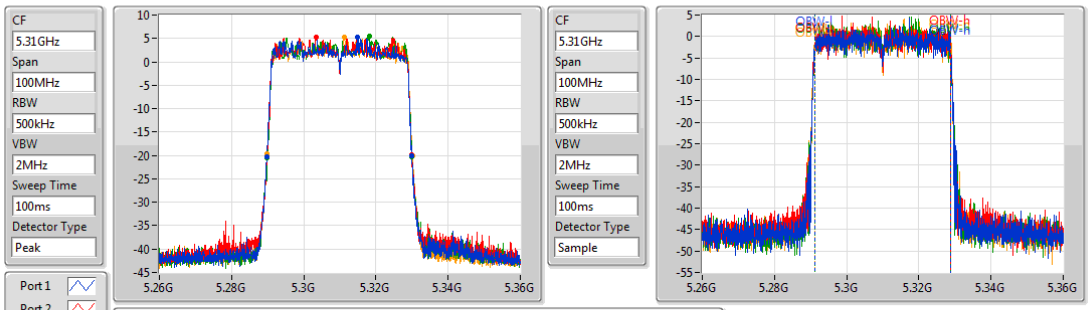


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.24995G	5.29015G	37.531M	5.251209G	5.288741G	Inf	1
40.3M	5.2498G	5.2901G	37.581M	5.251159G	5.288741G	Inf	2
40.65M	5.2497G	5.29035G	37.481M	5.251259G	5.288741G	Inf	3
40.25M	5.2499G	5.29015G	37.581M	5.251259G	5.288841G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5310MHz

08/03/2019

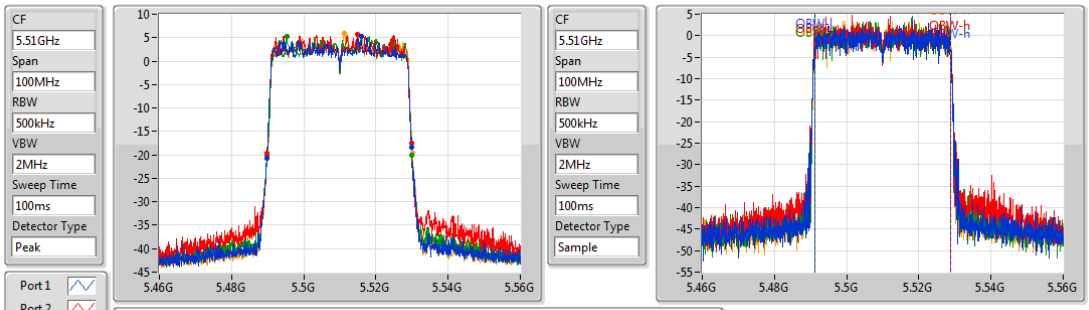


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.2898G	5.32995G	37.531M	5.291159G	5.328691G	Inf	1
40.15M	5.28985G	5.33G	37.531M	5.291159G	5.328691G	Inf	2
40.15M	5.28985G	5.33G	37.431M	5.291259G	5.328691G	Inf	3
40.2M	5.2899G	5.3301G	37.631M	5.291159G	5.328791G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5510MHz

08/03/2019

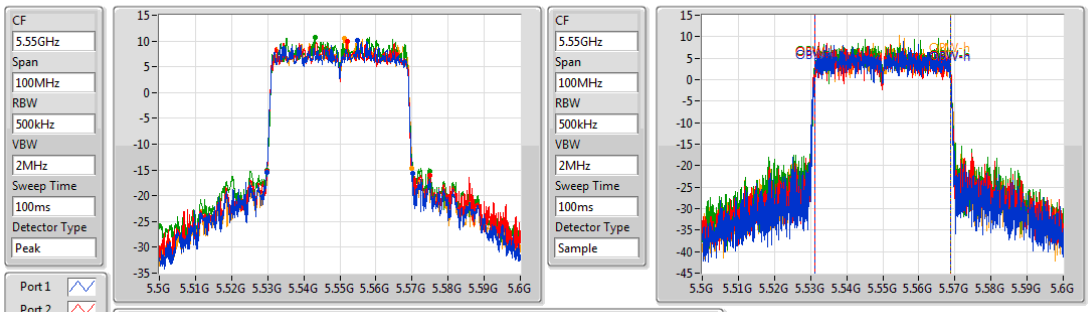


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.48975G	5.53G	37.581M	5.491159G	5.528741G	Inf	1
40.1M	5.4898G	5.5299G	37.631M	5.491109G	5.528741G	Inf	2
40.1M	5.4899G	5.53G	37.481M	5.491259G	5.528741G	Inf	3
40.25M	5.48985G	5.5301G	37.581M	5.491209G	5.528791G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5550MHz

08/03/2019

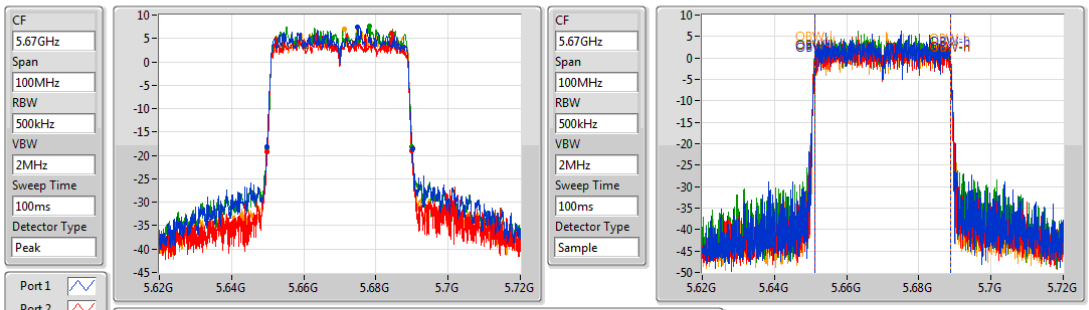


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.52975G	5.5701G	37.531M	5.531159G	5.568691G	Inf	1
45.1M	5.52985G	5.57495G	37.631M	5.531159G	5.568791G	Inf	2
45.2M	5.5298G	5.575G	37.581M	5.531159G	5.568741G	Inf	3
40.2M	5.52985G	5.57005G	37.681M	5.531159G	5.568841G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5670MHz

08/03/2019

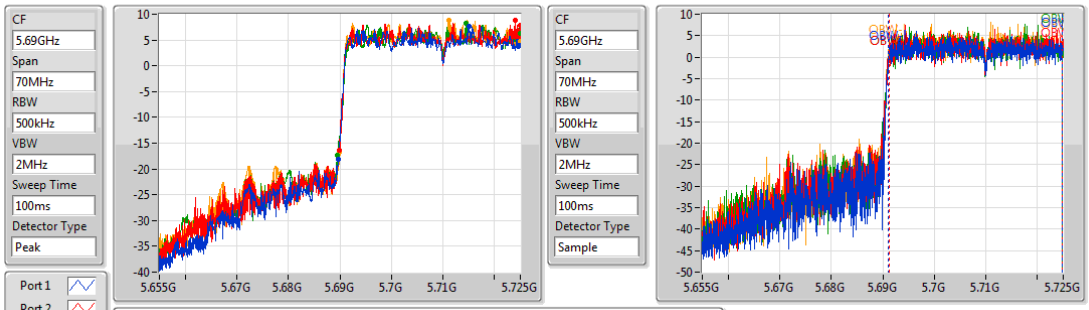


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.3M	5.6498G	5.6901G	37.531M	5.651209G	5.688741G	Inf	1
40.1M	5.6498G	5.6899G	37.581M	5.651159G	5.688741G	Inf	2
40.15M	5.64985G	5.69G	37.481M	5.651209G	5.688691G	Inf	3
40.25M	5.64985G	5.6901G	37.531M	5.651209G	5.688741G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

29/04/2019

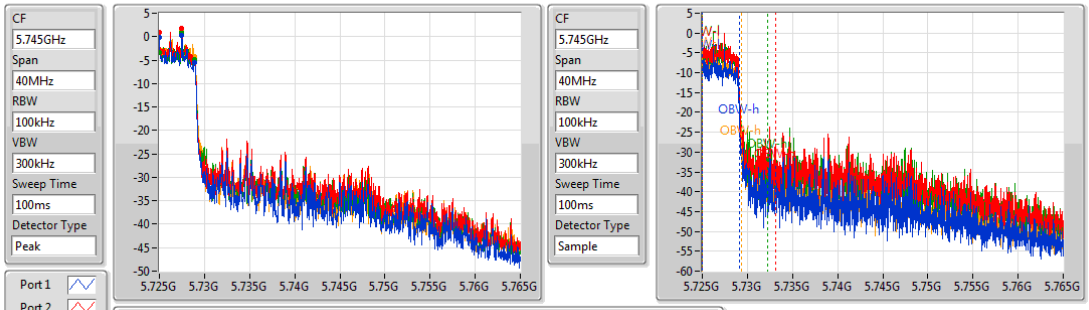


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.68972G	5.725G	33.688M	5.691119G	5.724808G	Inf	1
35.105M	5.689895G	5.725G	33.653M	5.691189G	5.724843G	Inf	2
35.49M	5.68951G	5.725G	33.653M	5.691189G	5.724843G	Inf	3
35.14M	5.68986G	5.725G	33.653M	5.691119G	5.724773G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

29/04/2019

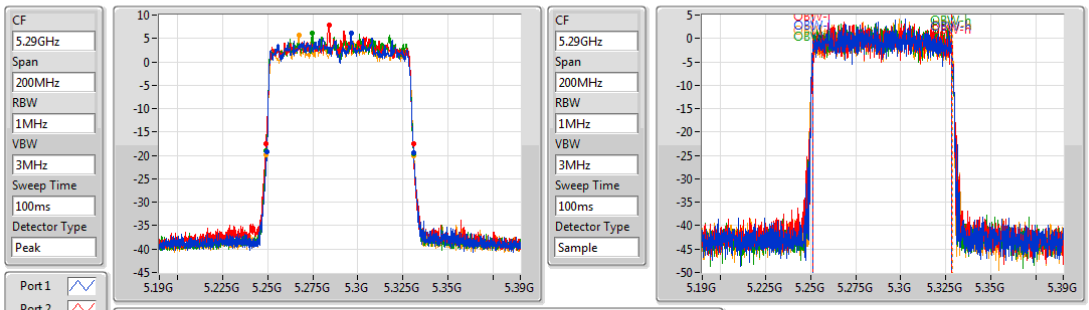


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	4.138M	5.72501G	5.729148G	500k	1
3.5M	5.725G	5.7285G	8.076M	5.72501G	5.733086G	500k	2
3.9M	5.725G	5.7289G	7.216M	5.72501G	5.732226G	500k	3
3.88M	5.725G	5.72888G	4.358M	5.72503G	5.729388G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5290MHz

08/03/2019

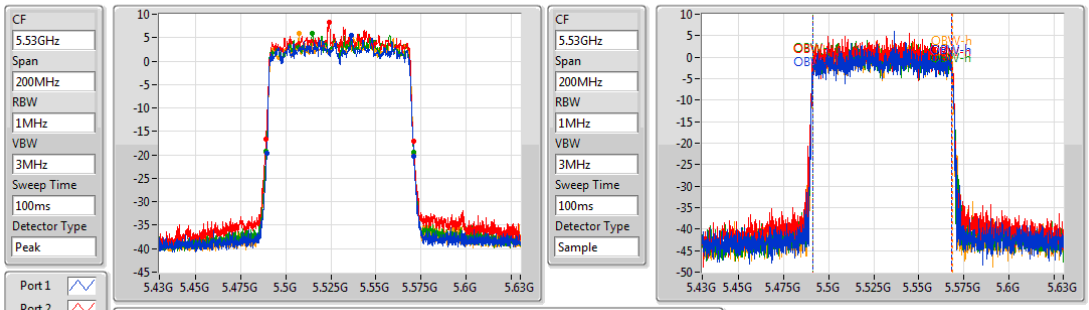


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.2495G	5.3309G	76.962M	5.251319G	5.328281G	Inf	1
81.6M	5.2491G	5.3307G	76.862M	5.251419G	5.328281G	Inf	2
81.8M	5.2491G	5.3309G	76.962M	5.251419G	5.328381G	Inf	3
82.1M	5.2491G	5.3312G	77.261M	5.251319G	5.328581G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5530MHz

08/03/2019

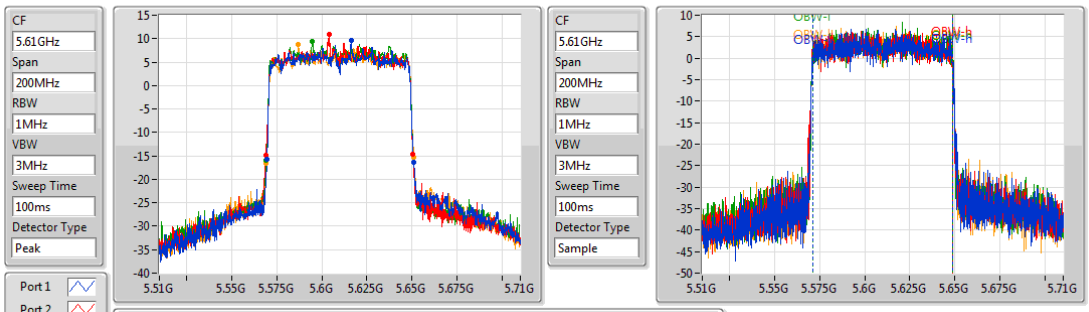


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.4895G	5.571G	76.862M	5.491519G	5.568381G	Inf	1
81.7M	5.489G	5.5707G	76.962M	5.491419G	5.568381G	Inf	2
81.7M	5.4891G	5.5708G	76.962M	5.491419G	5.568381G	Inf	3
81.9M	5.4892G	5.5711G	77.061M	5.491419G	5.568481G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5610MHz

08/03/2019

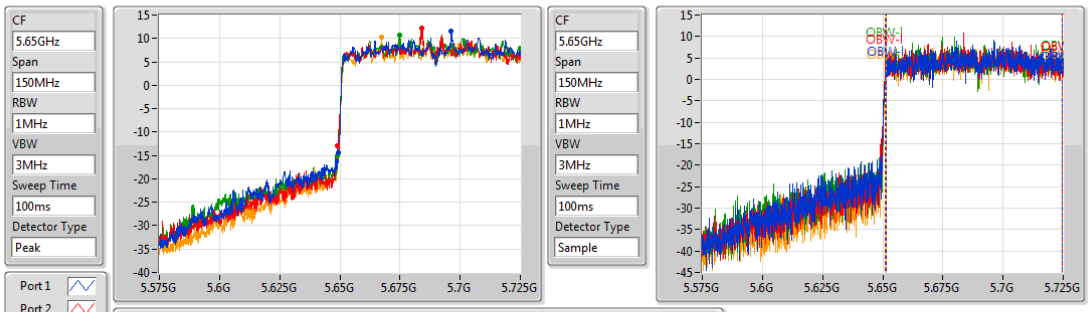


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.3M	5.5696G	5.6509G	77.061M	5.571419G	5.648481G	Inf	1
81.5M	5.5691G	5.6506G	77.261M	5.571219G	5.648481G	Inf	2
81.7M	5.5691G	5.6508G	77.061M	5.571419G	5.648481G	Inf	3
81.7M	5.5692G	5.6509G	77.061M	5.571419G	5.648481G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX — EBW

5690MHz Straddle 5.47-5.725GHz

07/03/2019

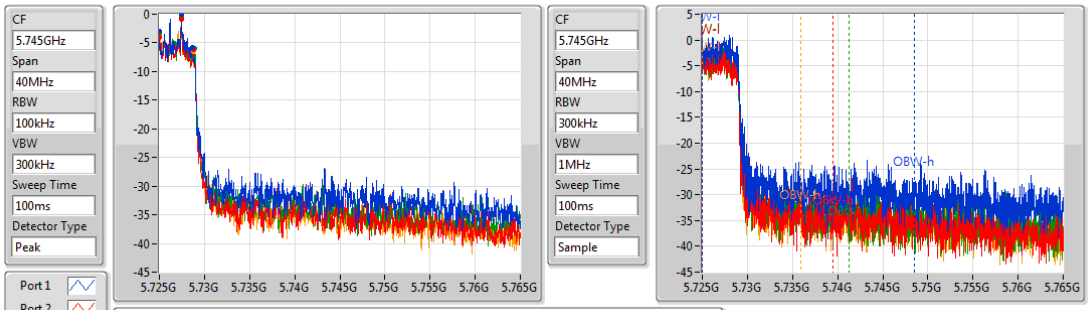


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.525M	5.649475G	5.725G	73.238M	5.651349G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	73.238M	5.651199G	5.724438G	Inf	2
76.05M	5.64895G	5.725G	73.238M	5.651199G	5.724438G	Inf	3
75.675M	5.649325G	5.725G	73.088M	5.651349G	5.724438G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

07/03/2019

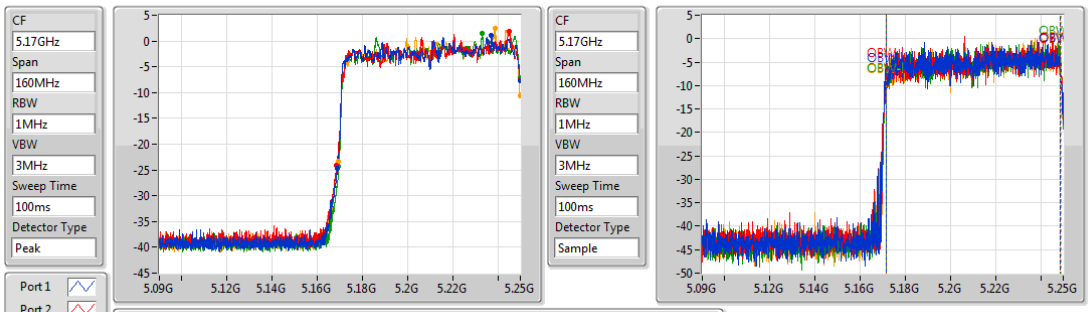


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.7M	5.725G	5.7287G	23.448M	5.72501G	5.748458G	500k	1
3.76M	5.725G	5.72876G	14.453M	5.72501G	5.739463G	500k	2
3.92M	5.725G	5.72892G	16.252M	5.72501G	5.741262G	500k	3
3.74M	5.725G	5.72874G	10.935M	5.72503G	5.735965G	500k	4

802.11ax HEW160_Nss4,(MCS0)_4TX — EBW

5250MHz Straddle 5.15-5.25GHz

08/03/2019

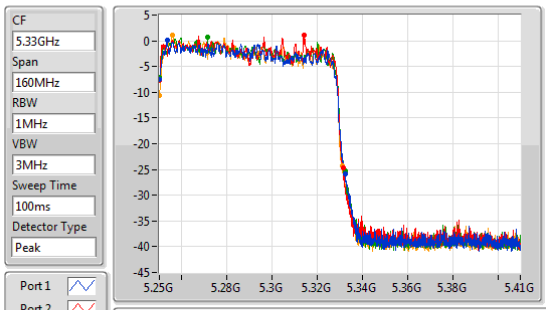


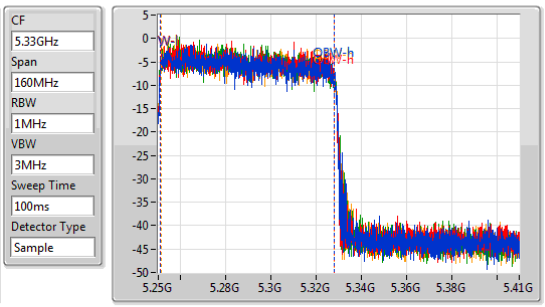
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16888G	5.25G	77.401M	5.171439G	5.248841G	Inf	1
81.44M	5.16856G	5.25G	77.001M	5.171759G	5.248761G	Inf	2
80.48M	5.16952G	5.25G	77.081M	5.171759G	5.248841G	Inf	3
80.88M	5.16912G	5.25G	77.161M	5.171759G	5.248921G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX **EBW**

5250MHz Straddle 5.25-5.35GHz

08/03/2019



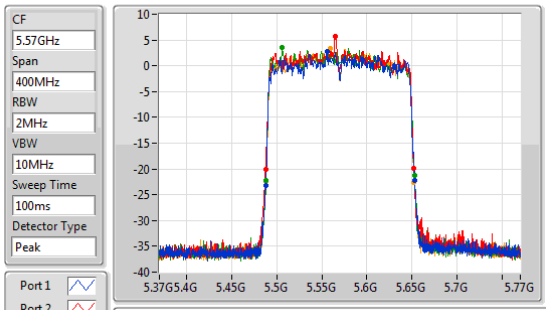


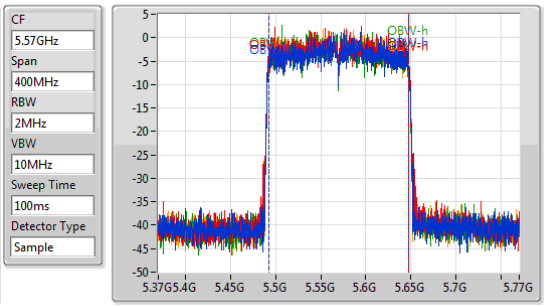
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.24M	5.25G	5.33224G	77.081M	5.251079G	5.328161G	Inf	1
81.36M	5.25G	5.33136G	77.001M	5.251079G	5.328081G	Inf	2
82.24M	5.25G	5.33224G	77.161M	5.251G	5.328161G	Inf	3
80.96M	5.25G	5.33096G	77.001M	5.251159G	5.328161G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX **EBW**

5570MHz

08/03/2019





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.2M	5.4878G	5.653G	155.122M	5.492239G	5.647361G	Inf	1
164.2M	5.4876G	5.6518G	154.923M	5.492239G	5.647161G	Inf	2
164.6M	5.4882G	5.6528G	154.723M	5.492439G	5.647161G	Inf	3
164.6M	5.4878G	5.6524G	155.122M	5.492239G	5.647361G	Inf	4

Mode 2: (Ant. 6 Omni antenna / 6 dBi)
For Non-beamforming / 1T1S mode
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	80.96M	77.241M	77M2D1D	80.96M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.475M	16.717M	16M7D1D	21.5M	16.542M
802.11ax HEW20_Nss1,(MCS0)_1TX	36.275M	19.015M	19M0D1D	23.625M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	40M	37.581M	37M6D1D	39.95M	37.531M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.9M	76.962M	77M0D1D	81.9M	76.962M
802.11ax HEW160_Nss1,(MCS0)_1TX	81.12M	77.081M	77M1D1D	81.12M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.425M	19.79M	19M8D1D	21.475M	14.543M
802.11ax HEW20_Nss1,(MCS0)_1TX	43M	19.89M	19M9D1D	21.65M	14.603M
802.11ax HEW40_Nss1,(MCS0)_1TX	54.32M	37.631M	37M6D1D	39.9M	34.248M
802.11ax HEW80_Nss1,(MCS0)_1TX	98.775M	77.461M	77M5D1D	81.8M	73.538M
802.11ax HEW160_Nss1,(MCS0)_1TX	165.6M	154.723M	155MD1D	165.6M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.12M	10.745M	10M7D1D	3.12M	10.745M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.48M	11.014M	11M0D1D	4.48M	11.014M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.98M	25.487M	25M5D1D	3.98M	25.487M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.46M	33.263M	33M3D1D	3.46M	33.263M

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

Result

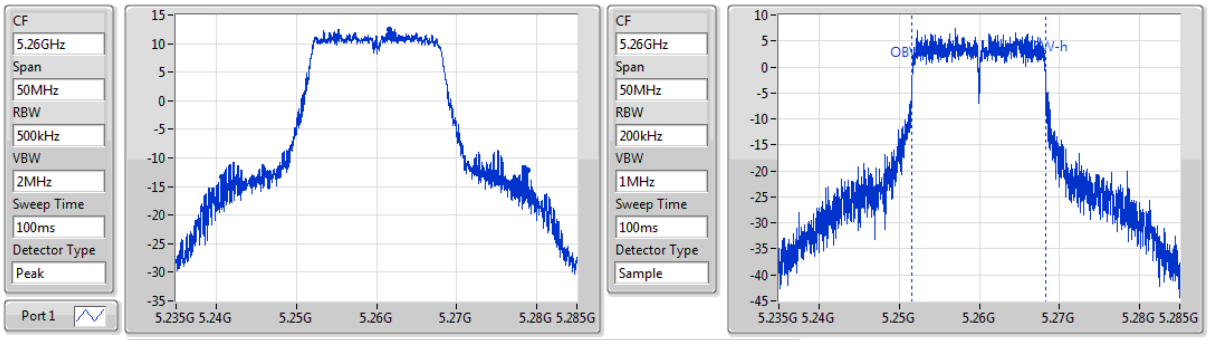
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	38.175M	16.667M
5300MHz	Pass	Inf	38.475M	16.717M
5320MHz	Pass	Inf	21.5M	16.542M
5500MHz	Pass	Inf	21.575M	16.567M
5580MHz	Pass	Inf	43.425M	19.79M
5700MHz	Pass	Inf	21.475M	16.542M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.915M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	10.745M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	36.275M	18.991M
5300MHz	Pass	Inf	28.425M	19.015M
5320MHz	Pass	Inf	23.625M	18.966M
5500MHz	Pass	Inf	21.875M	18.941M
5580MHz	Pass	Inf	43M	19.89M
5700MHz	Pass	Inf	21.65M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.59M	14.603M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	11.014M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	40M	37.581M
5310MHz	Pass	Inf	39.95M	37.531M
5510MHz	Pass	Inf	39.9M	37.531M
5550MHz	Pass	Inf	46.75M	37.631M
5670MHz	Pass	Inf	39.9M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	54.32M	34.248M
5710MHz Straddle 5.725-5.85GHz	Pass	Inf	3.98M	25.487M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	81.9M	76.962M
5530MHz	Pass	Inf	81.9M	76.962M
5610MHz	Pass	Inf	81.8M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	98.775M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.46M	33.263M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.12M	77.081M
5570MHz	Pass	Inf	165.6M	154.723M

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

802.11a_Nss1,(6Mbps)_1TX **EBW**

5260MHz

05/03/2019

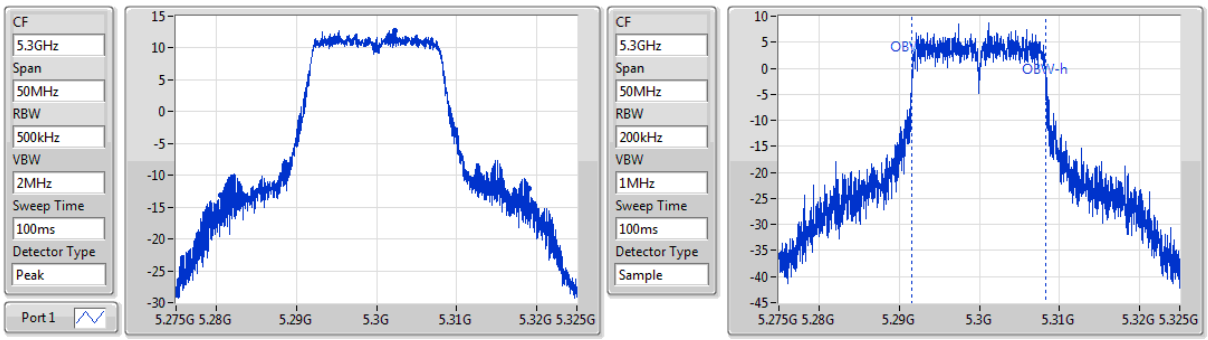


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.175M	5.240725G	5.2789G	16.667M	5.251604G	5.268271G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5300MHz

05/03/2019

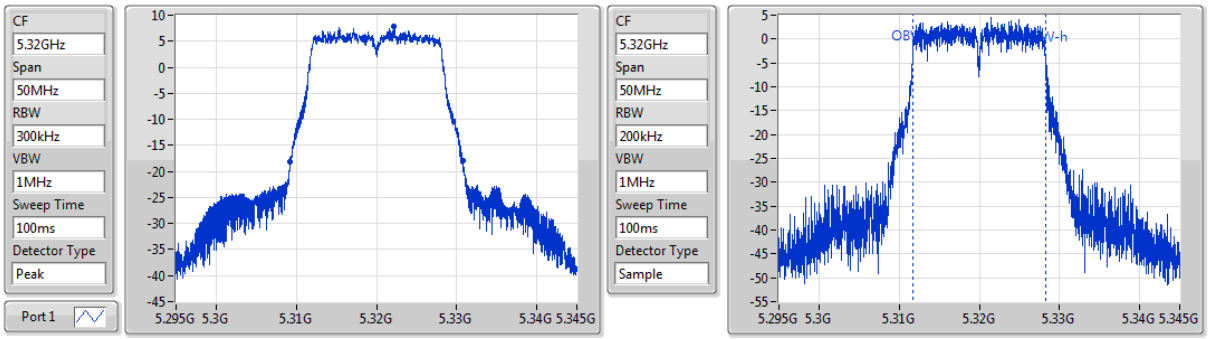


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.475M	5.280575G	5.31905G	16.717M	5.291604G	5.308321G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5320MHz

05/03/2019

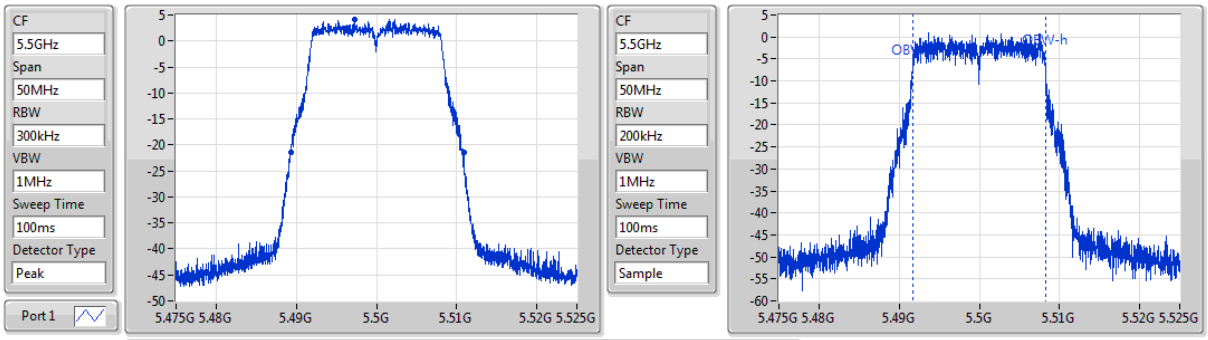


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.30925G	5.33075G	16.542M	5.311704G	5.328246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

05/03/2019

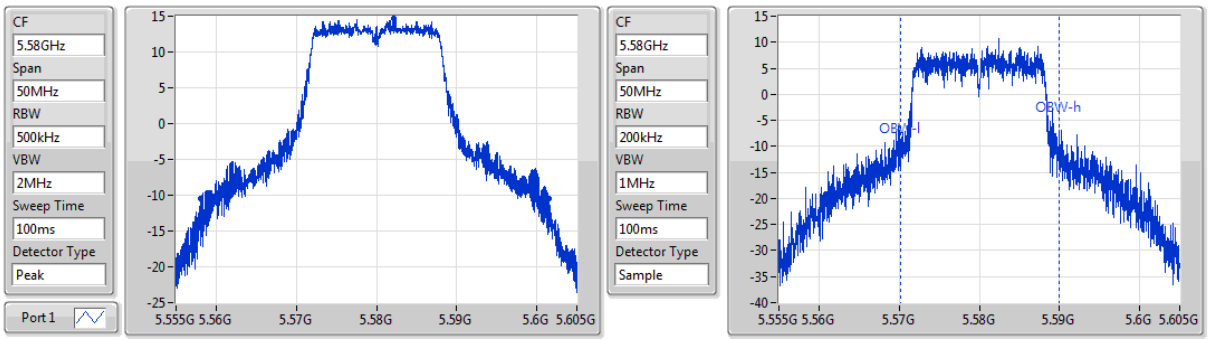


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.4893G	5.510875G	16.567M	5.491679G	5.508246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

05/03/2019

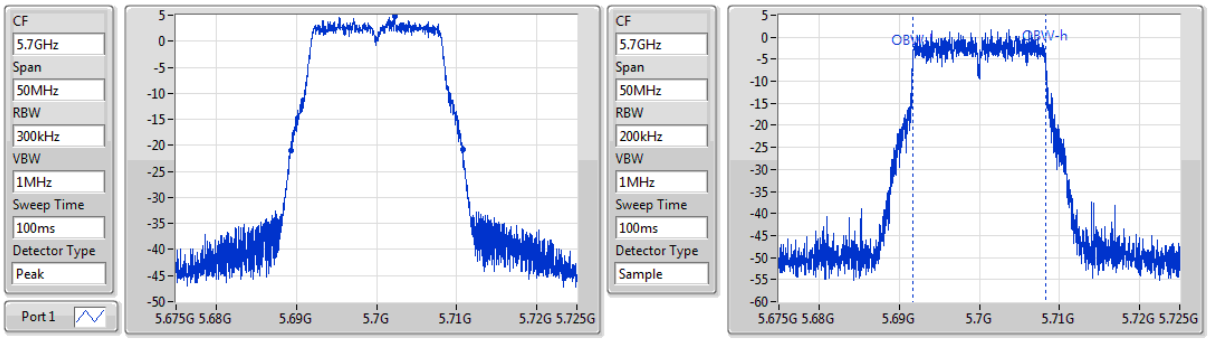


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.425M	5.5581G	5.601525G	19.79M	5.57018G	5.58997G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

05/03/2019

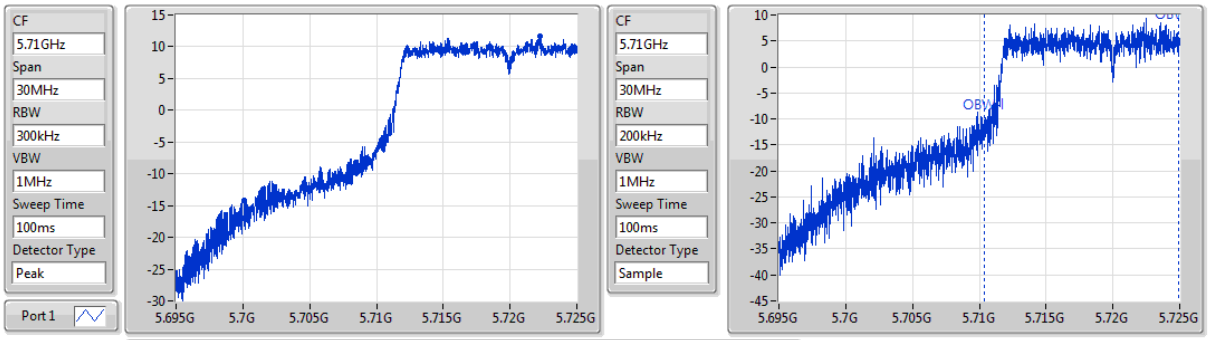


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.6893G	5.710775G	16.542M	5.691729G	5.708271G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

05/03/2019

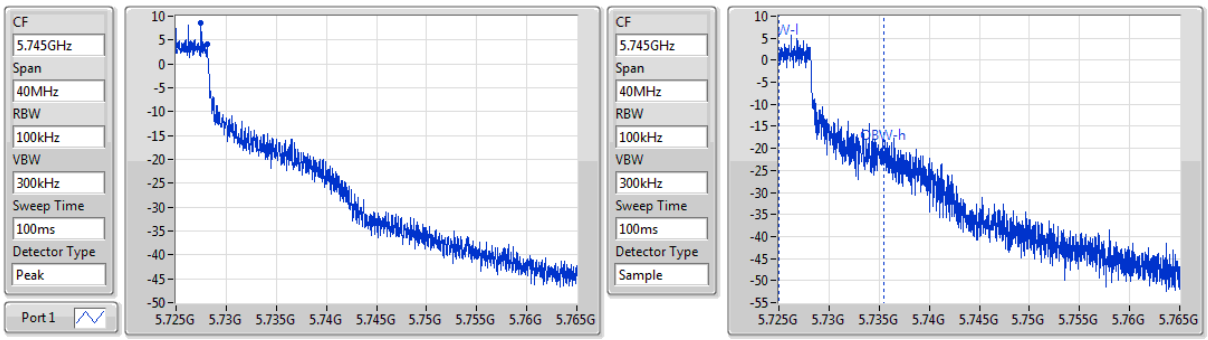


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.915M	5.700085G	5.725G	14.543M	5.710405G	5.724948G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

05/03/2019

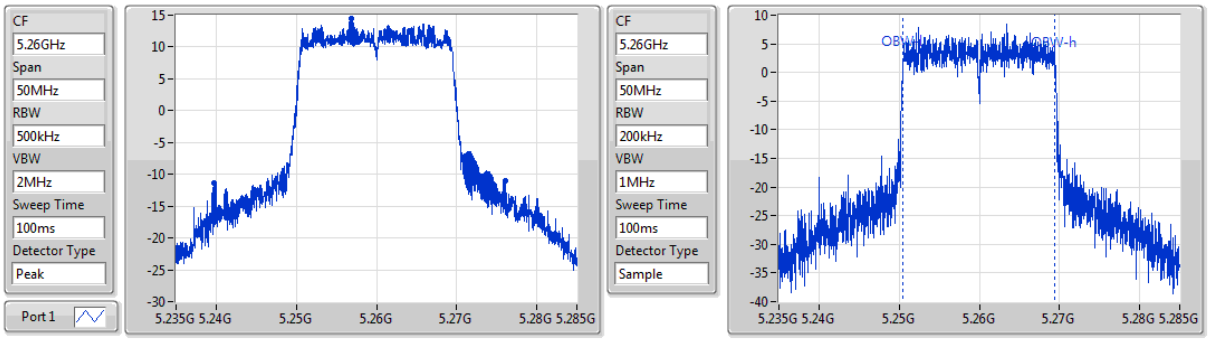


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	10.475M	5.72501G	5.735485G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5260MHz

05/03/2019

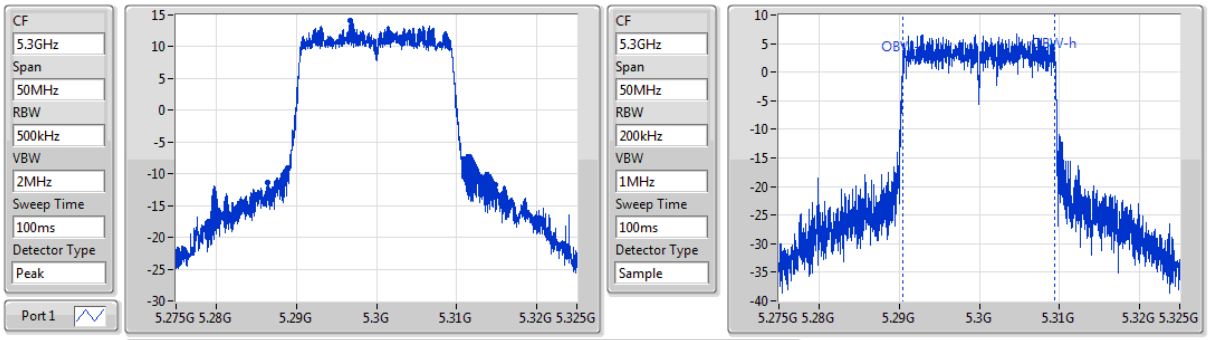


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.275M	5.23975G	5.276025G	18.991M	5.25048G	5.26947G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5300MHz

05/03/2019

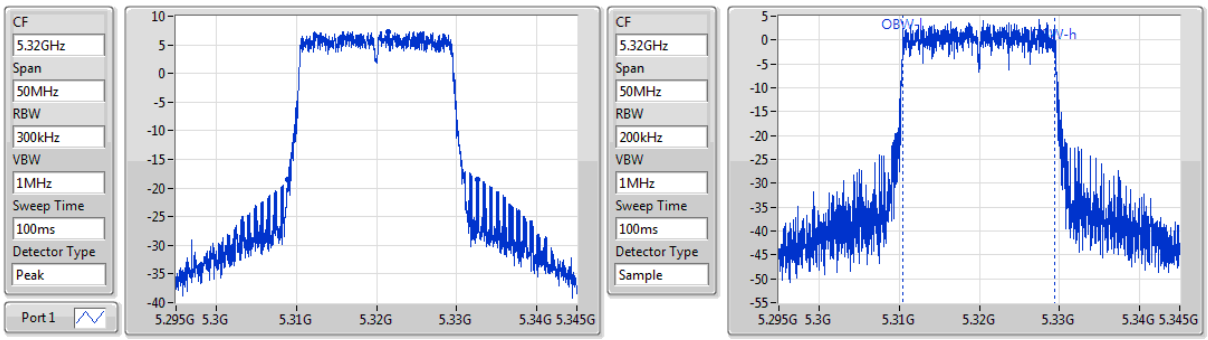


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.425M	5.2864G	5.314825G	19.015M	5.290455G	5.30947G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5320MHz

05/03/2019

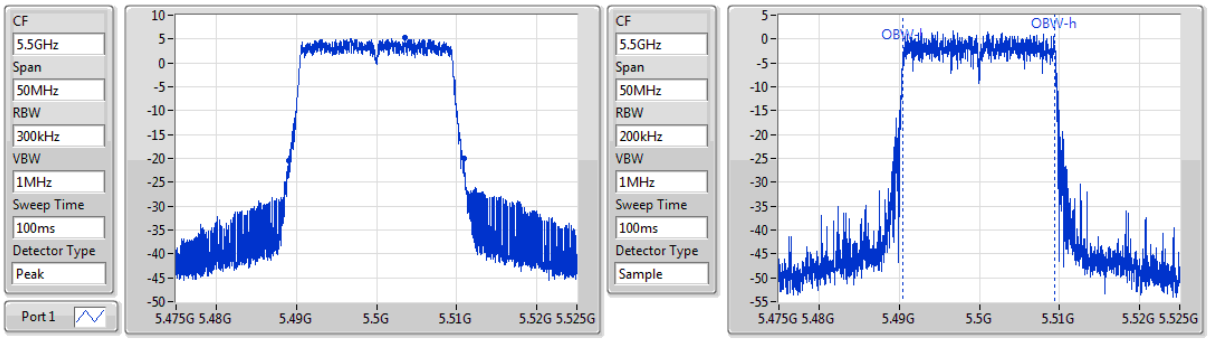


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.625M	5.308975G	5.3326G	18.966M	5.31048G	5.329445G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5500MHz

05/03/2019

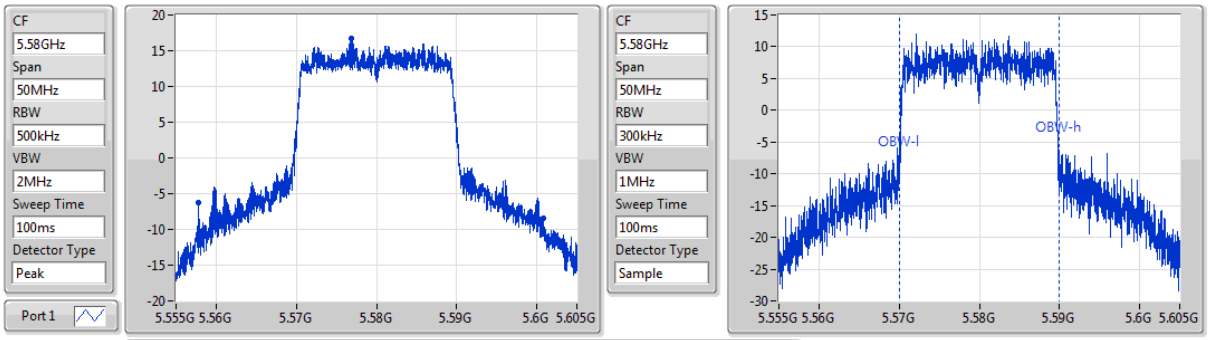


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.489025G	5.5109G	18.941M	5.490505G	5.509445G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5580MHz

05/03/2019

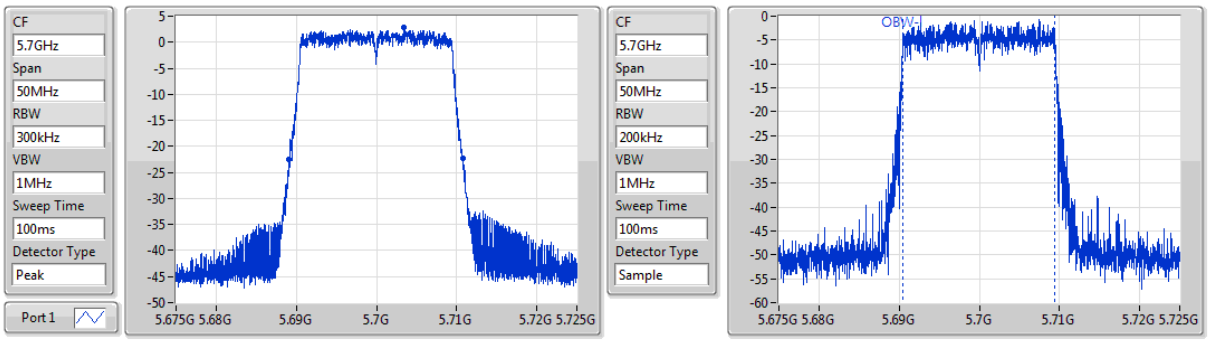


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43M	5.55785G	5.60085G	19.89M	5.570105G	5.589995G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5700MHz

05/03/2019

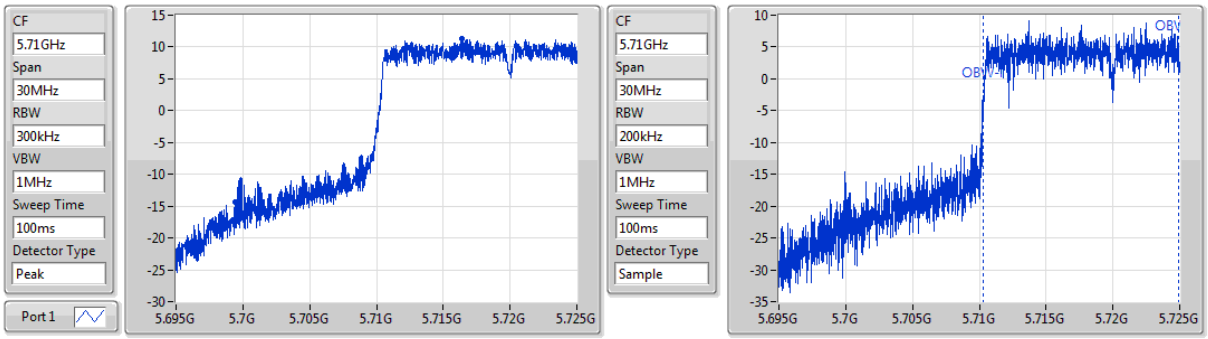


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.6891G	5.71075G	18.941M	5.69048G	5.70942G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

05/03/2019

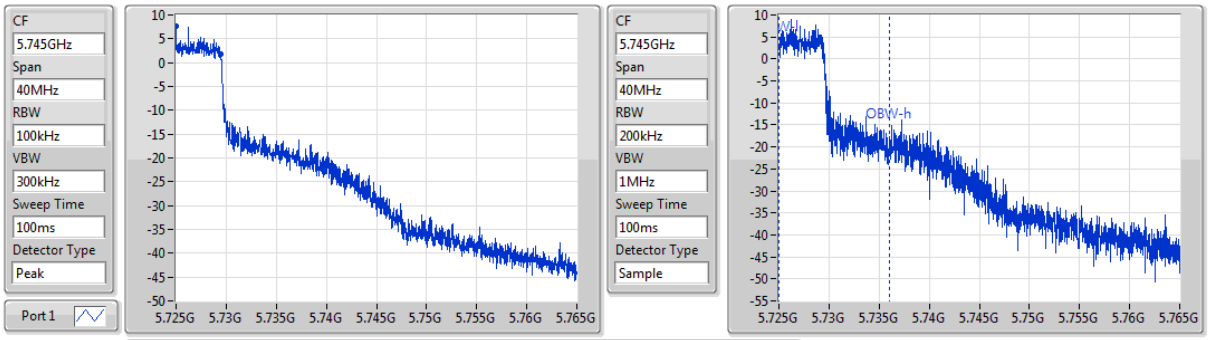


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.59M	5.69941G	5.725G	14.603M	5.7103G	5.724903G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

05/03/2019

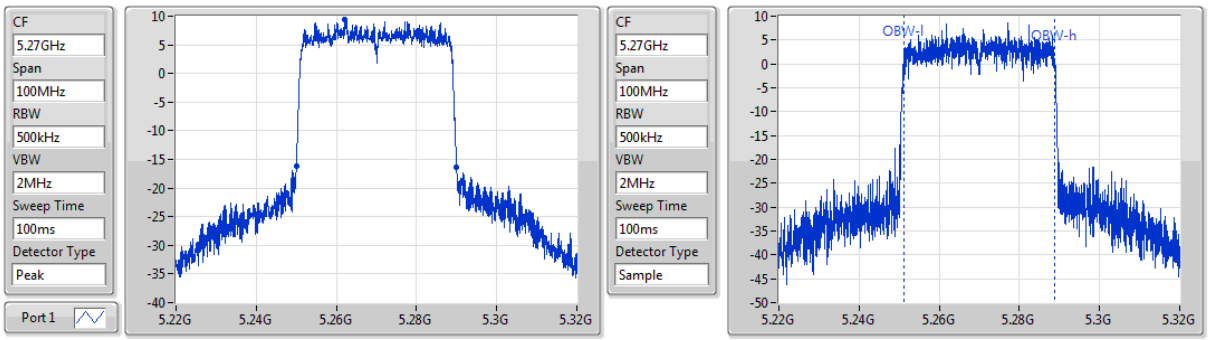


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	11.014M	5.72503G	5.736044G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5270MHz

05/03/2019

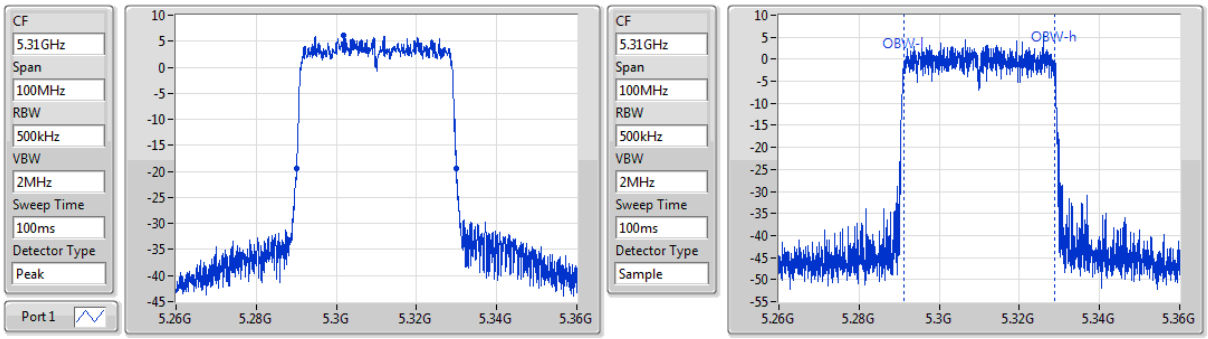


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.25G	5.29G	37.581M	5.251159G	5.288741G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5310MHz

05/03/2019

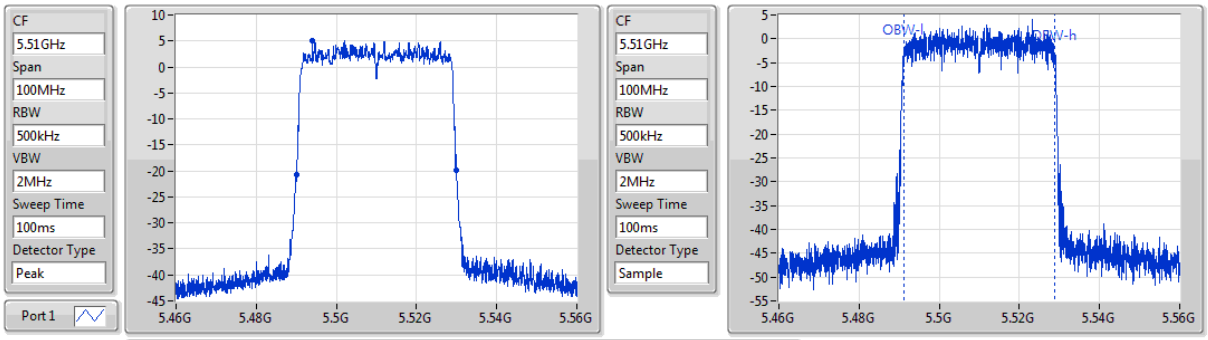


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.29005G	5.33G	37.531M	5.291159G	5.328691G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5510MHz

05/03/2019

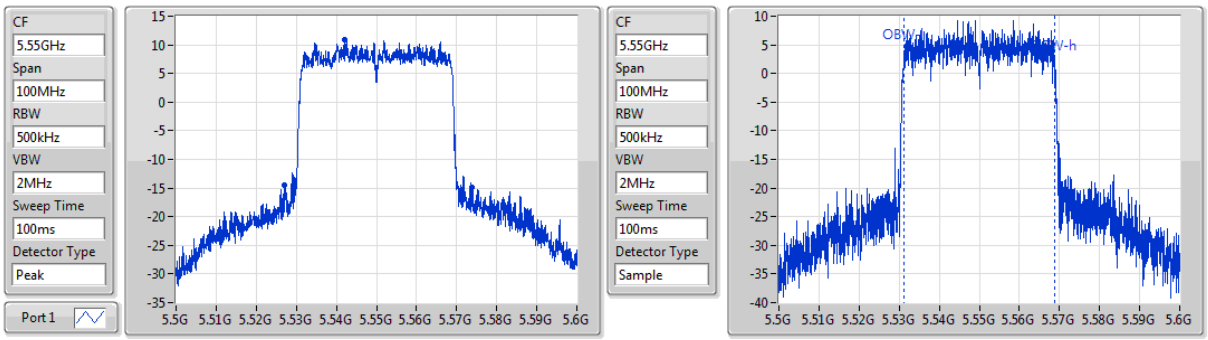


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49005G	5.52995G	37.531M	5.491209G	5.528741G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5550MHz

05/03/2019

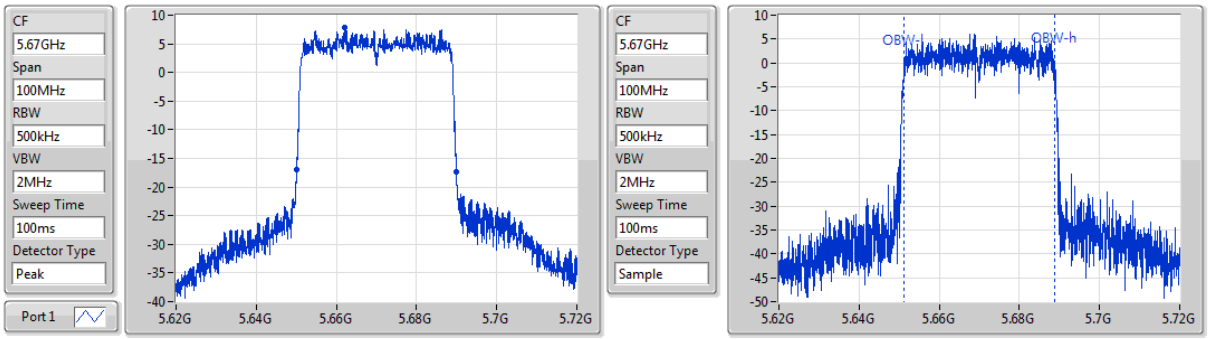


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.75M	5.52715G	5.5739G	37.631M	5.531109G	5.568741G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5670MHz

05/03/2019

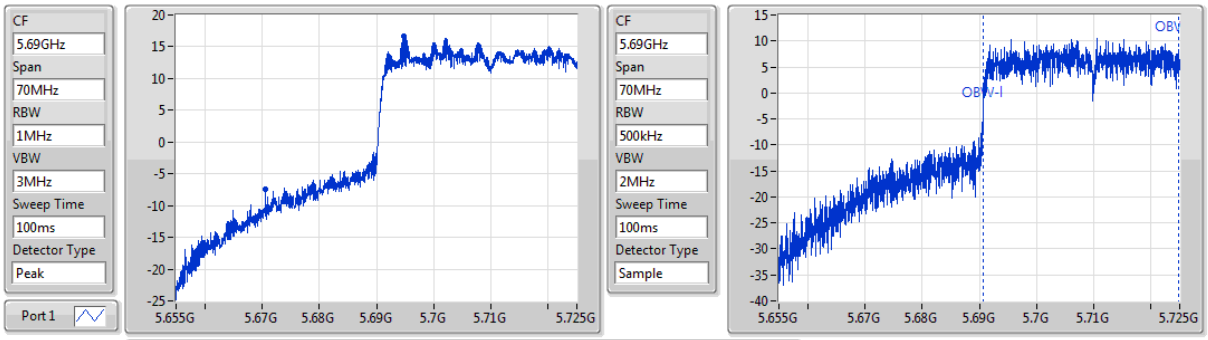


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.65005G	5.68995G	37.531M	5.651209G	5.688741G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.47-5.725GHz

05/03/2019

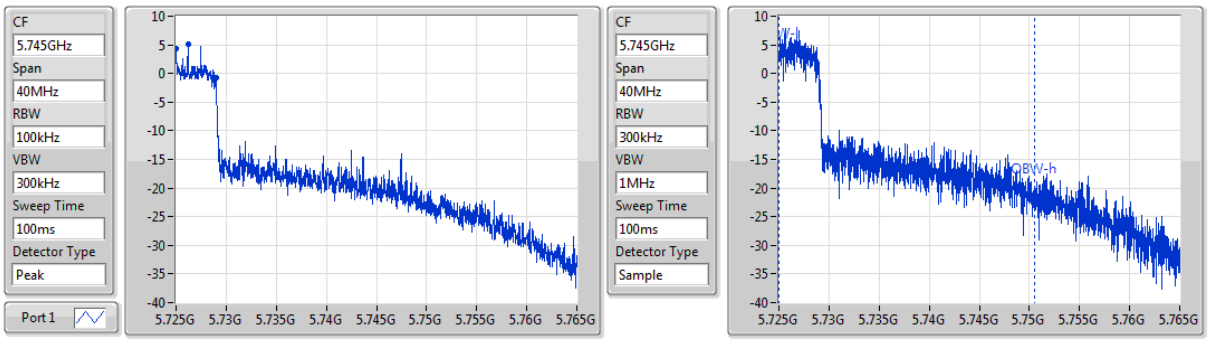


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
54.32M	5.67068G	5.725G	34.248M	5.690595G	5.724843G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.725-5.85GHz

05/03/2019

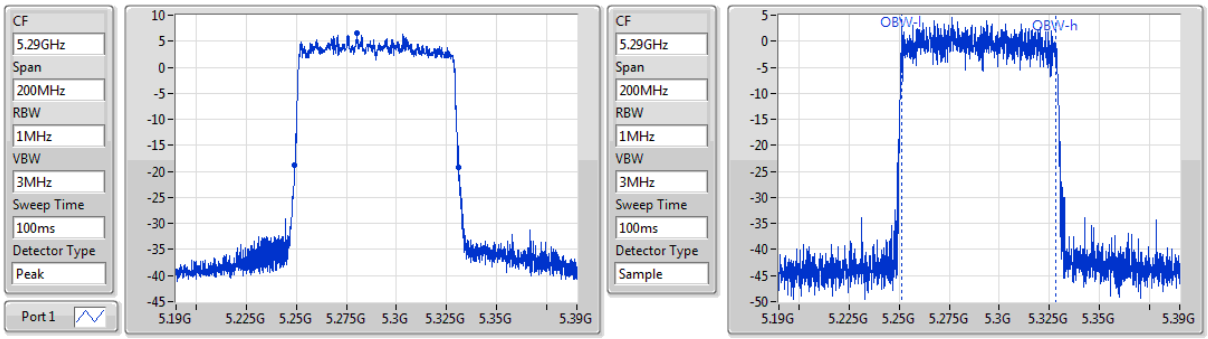


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	25.487M	5.72503G	5.750517G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5290MHz

05/03/2019

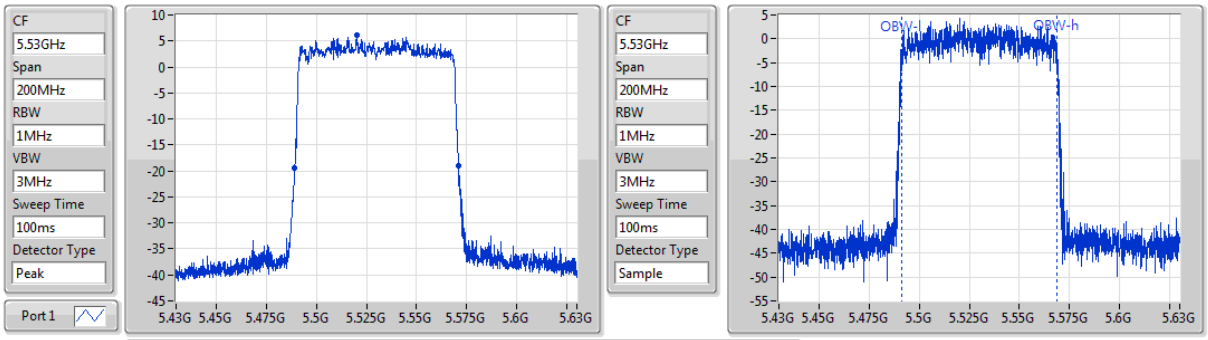


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.9M	5.2492G	5.3311G	76.962M	5.251419G	5.328381G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5530MHz

05/03/2019

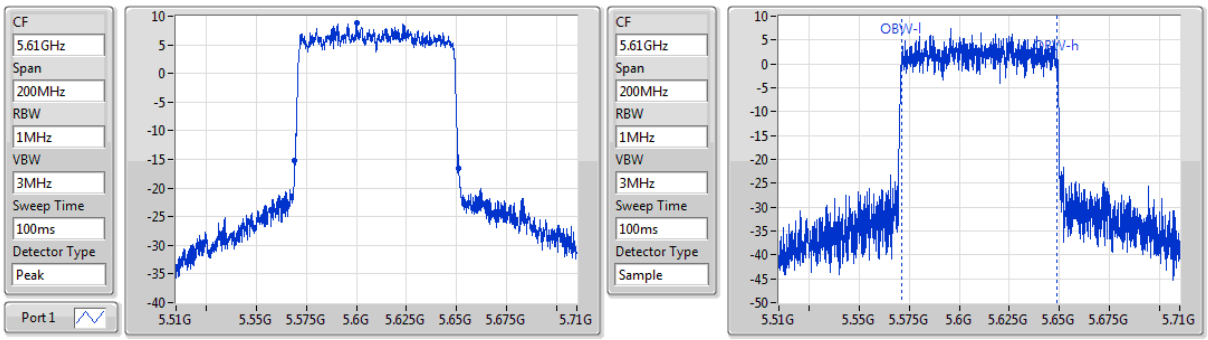


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.9M	5.4892G	5.5711G	76.962M	5.491519G	5.568481G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5610MHz

05/03/2019

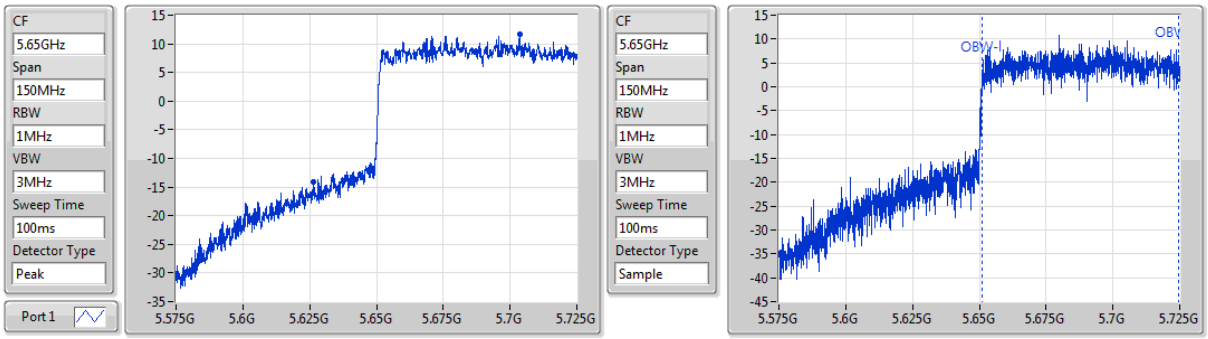


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.5693G	5.6511G	77.461M	5.571219G	5.648681G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.47-5.725GHz

05/03/2019

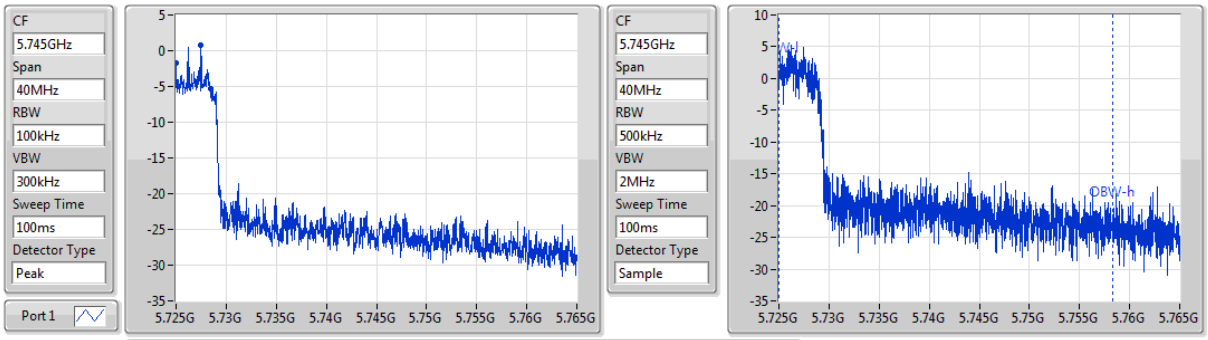


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
98.775M	5.626225G	5.725G	73.538M	5.651124G	5.724663G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX — EBW

5690MHz Straddle 5.725-5.85GHz

05/03/2019

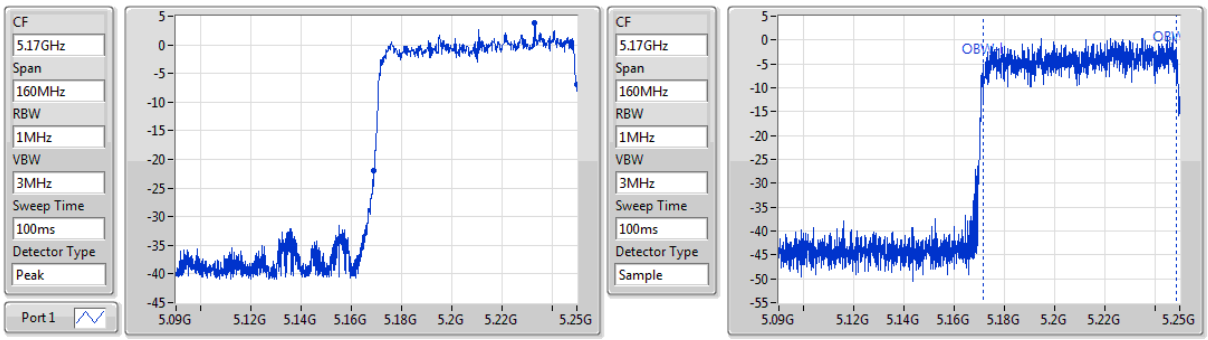


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.46M	5.725G	5.72846G	33.263M	5.72503G	5.758293G	500k	1

802.11ax HEW160_Nss1,(MCS0)_1TX — EBW

5250MHz Straddle 5.15-5.25GHz

05/03/2019

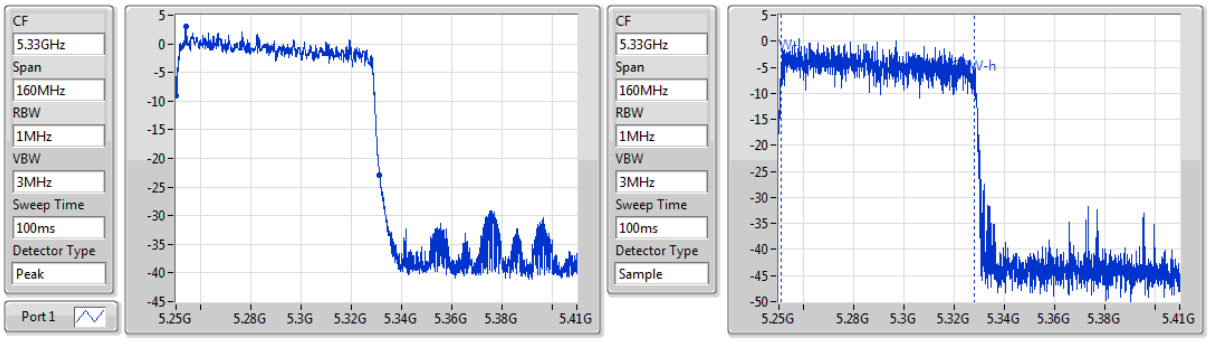


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.96M	5.16904G	5.25G	77.241M	5.171599G	5.248841G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX — EBW

5250MHz Straddle 5.25-5.35GHz

05/03/2019

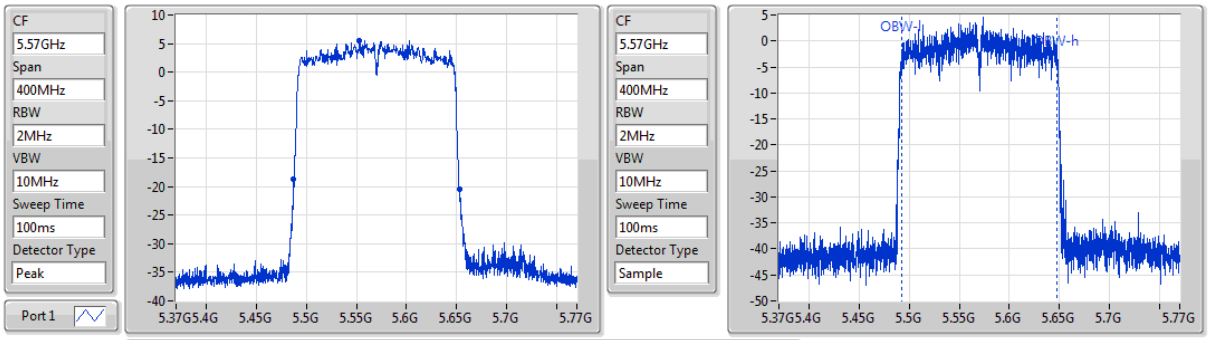


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.25G	5.33112G	77.081M	5.251079G	5.328161G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX **EBW**

5570MHz

05/03/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.6M	5.4874G	5.653G	154.723M	5.492639G	5.647361G	Inf	1

For Non-beamforming / 2T2S mode
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	82M	77.081M	77M1D1D	81.44M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	32.975M	19.015M	19M0D1D	21.325M	18.941M
802.11ax HEW40_Nss2,(MCS0)_2TX	72.2M	37.681M	37M7D1D	40M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.6M	77.061M	77M1D1D	81.3M	76.962M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.76M	77.081M	77M1D1D	81.44M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	42.575M	19.215M	19M2D1D	21.375M	14.633M
802.11ax HEW40_Nss2,(MCS0)_2TX	72.1M	37.681M	37M7D1D	39.95M	33.863M
802.11ax HEW80_Nss2,(MCS0)_2TX	87.975M	77.061M	77M1D1D	80.775M	73.238M
802.11ax HEW160_Nss2,(MCS0)_2TX	166M	155.522M	156MD1D	165.2M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	4.46M	11.454M	11M5D1D	4.4M	11.234M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.74M	25.627M	25M6D1D	3.74M	20.15M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.78M	25.147M	25M1D1D	3.74M	20.85M

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

Result

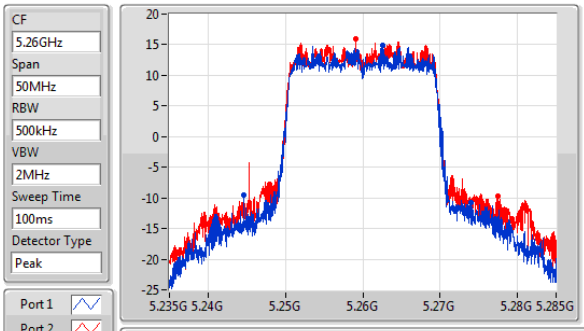
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	29.35M	19.015M	32.8M	19.015M
5300MHz	Pass	Inf	22.525M	18.991M	32.975M	18.991M
5320MHz	Pass	Inf	21.825M	18.941M	21.325M	18.941M
5500MHz	Pass	Inf	22.1M	18.966M	21.375M	18.991M
5580MHz	Pass	Inf	37.9M	19.14M	42.575M	19.215M
5700MHz	Pass	Inf	22.1M	18.966M	21.625M	18.916M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.065M	14.783M	25.605M	14.633M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	11.454M	4.46M	11.234M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	61.1M	37.681M	72.2M	37.581M
5310MHz	Pass	Inf	40M	37.481M	40.1M	37.481M
5510MHz	Pass	Inf	39.95M	37.531M	40.05M	37.581M
5550MHz	Pass	Inf	49.55M	37.531M	72.1M	37.531M
5670MHz	Pass	Inf	39.95M	37.681M	40.1M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	57.295M	34.213M	53.235M	33.863M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	25.627M	3.74M	20.15M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	76.962M	81.3M	77.061M
5530MHz	Pass	Inf	81.5M	76.862M	81.5M	76.862M
5610MHz	Pass	Inf	81.4M	77.061M	81.1M	76.962M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	87.975M	73.238M	80.775M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	25.147M	3.74M	20.85M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.44M	77.001M	82M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.76M	77.081M	81.44M	77.081M
5570MHz	Pass	Inf	165.2M	155.522M	166M	154.923M

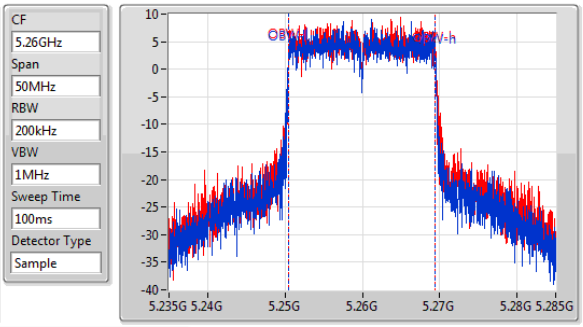
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5260MHz

07/03/2019



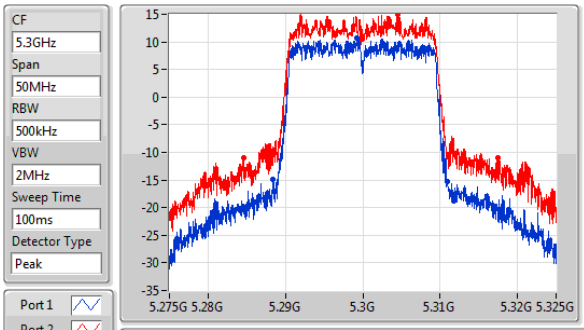


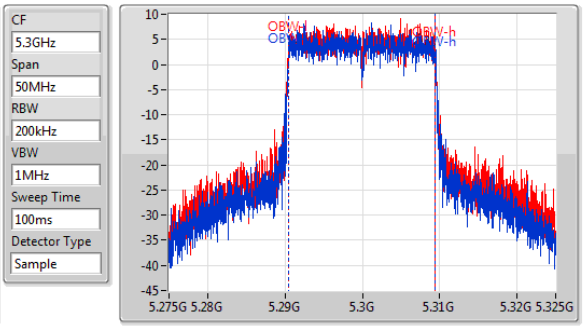
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.35M	5.24465G	5.274G	19.015M	5.250455G	5.26947G	Inf	1
32.8M	5.244675G	5.277475G	19.015M	5.250455G	5.26947G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5300MHz

07/03/2019



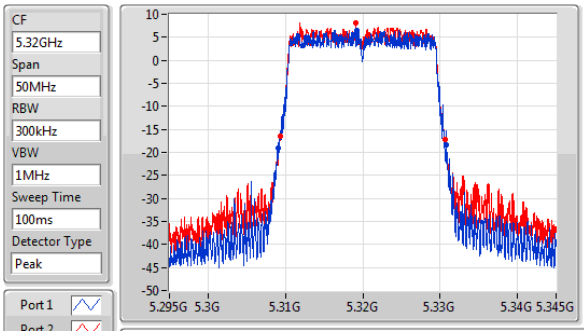


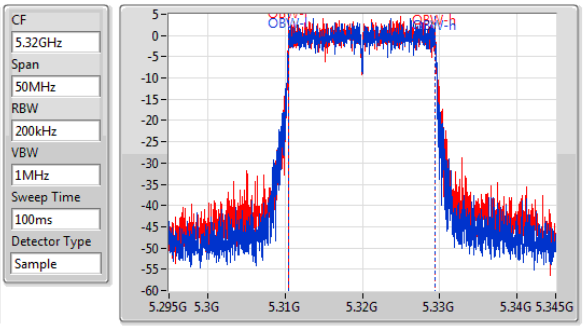
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.525M	5.28835G	5.310875G	18.991M	5.290455G	5.309445G	Inf	1
32.975M	5.28455G	5.317525G	18.991M	5.290455G	5.309445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5320MHz

07/03/2019



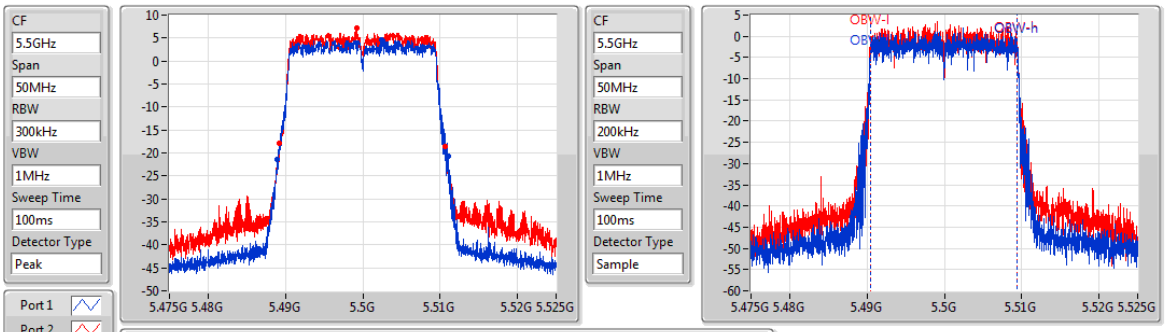


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.309G	5.330825G	18.941M	5.31048G	5.32942G	Inf	1
21.325M	5.3093G	5.330625G	18.941M	5.31048G	5.32942G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5500MHz

07/03/2019

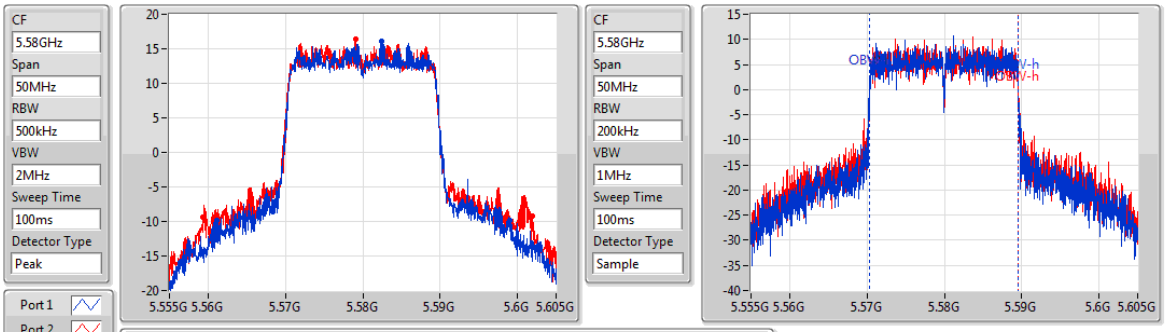


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.1M	5.488975G	5.511075G	18.966M	5.49048G	5.509445G	Inf	1
21.375M	5.48925G	5.510625G	18.991M	5.490455G	5.509445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5580MHz

07/03/2019

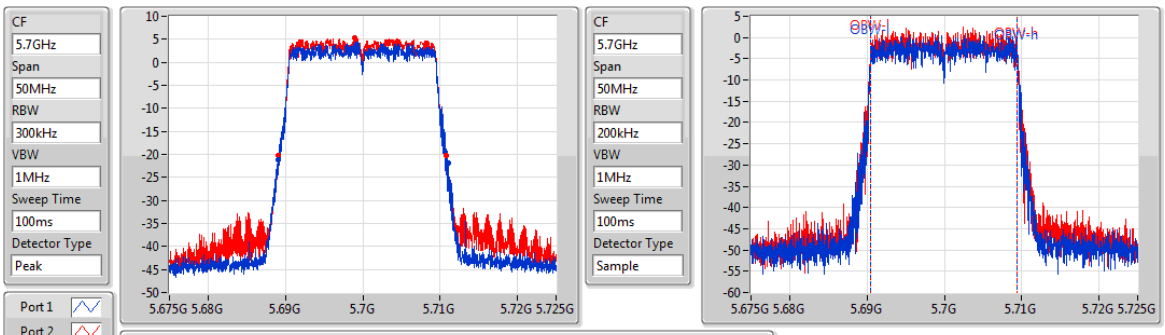


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	5.5611G	5.599G	19.14M	5.57038G	5.58952G	Inf	1
42.575M	5.5593G	5.601875G	19.215M	5.57038G	5.589595G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5700MHz

07/03/2019

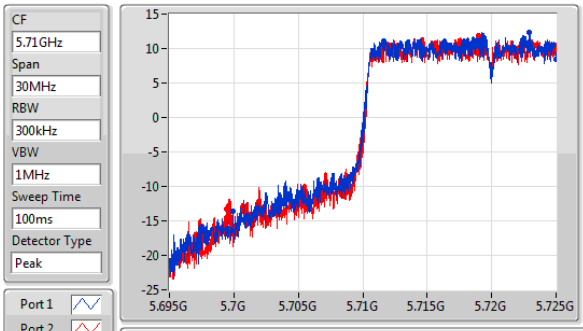


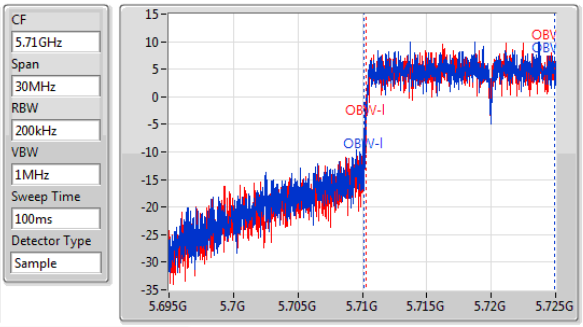
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.1M	5.689025G	5.711125G	18.966M	5.69048G	5.709445G	Inf	1
21.625M	5.689125G	5.71075G	18.916M	5.690505G	5.70942G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX — EBW

5720MHz Straddle 5.47-5.725GHz

07/03/2019



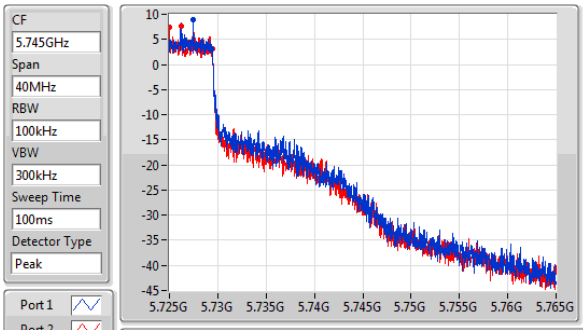


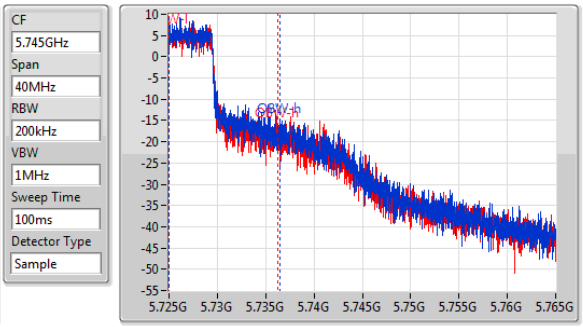
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.065M	5.699935G	5.725G	14.783M	5.710135G	5.724918G	Inf	1
25.605M	5.699395G	5.725G	14.633M	5.710285G	5.724918G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX — EBW

5720MHz Straddle 5.725-5.85GHz

07/03/2019



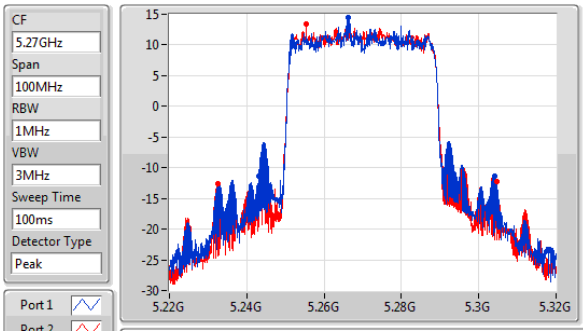


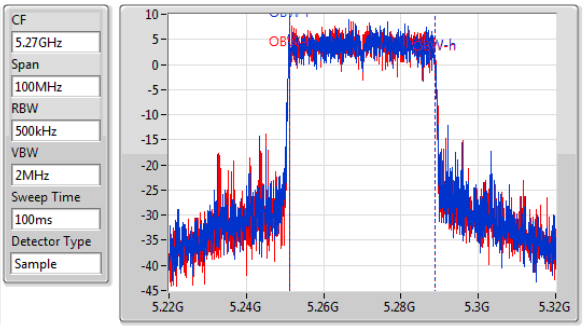
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.4M	5.725G	5.7294G	11.454M	5.72503G	5.736484G	500k	1
4.46M	5.725G	5.72946G	11.234M	5.72503G	5.736264G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX — EBW

5270MHz

07/03/2019



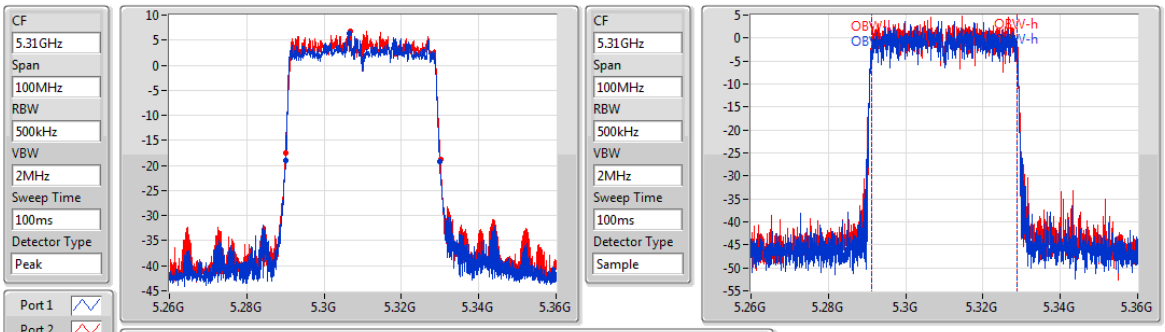


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
61.1M	5.2431G	5.3042G	37.681M	5.251059G	5.288741G	Inf	1
72.2M	5.2324G	5.3046G	37.581M	5.251109G	5.288691G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX — EBW

5310MHz

07/03/2019

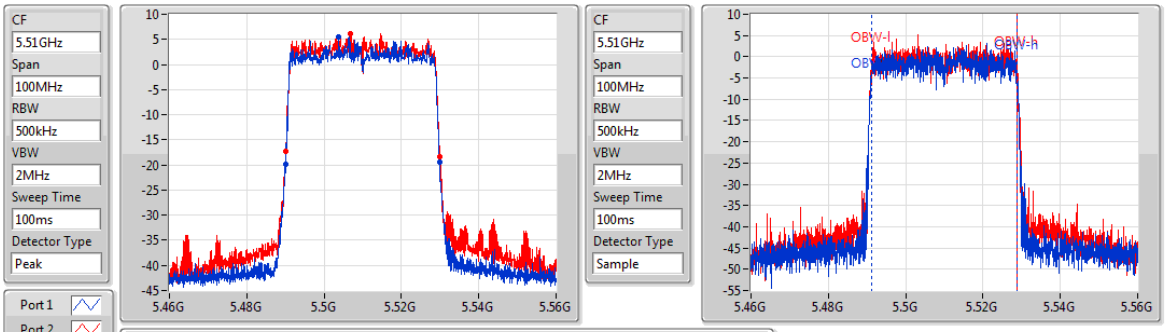


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.28995G	5.32995G	37.481M	5.291209G	5.328691G	Inf	1
40.1M	5.29G	5.3301G	37.481M	5.291209G	5.328691G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX — EBW

5510MHz

07/03/2019

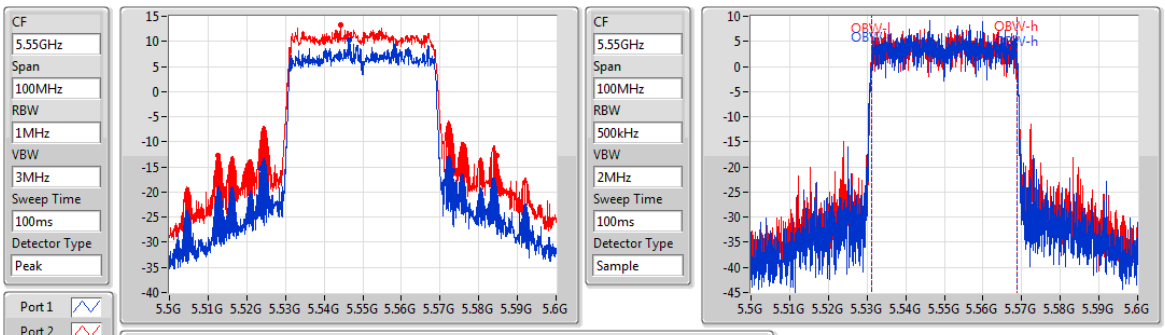


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.48995G	5.5299G	37.531M	5.491209G	5.528741G	Inf	1
40.05M	5.48995G	5.53G	37.581M	5.491159G	5.528741G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX — EBW

5550MHz

07/03/2019

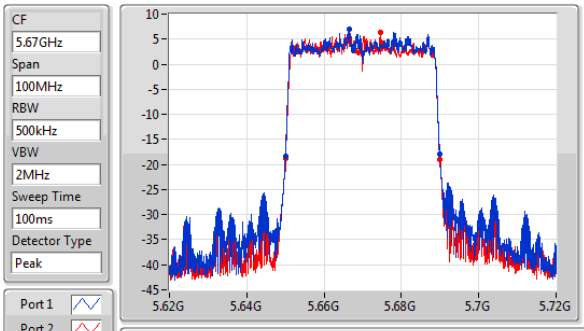


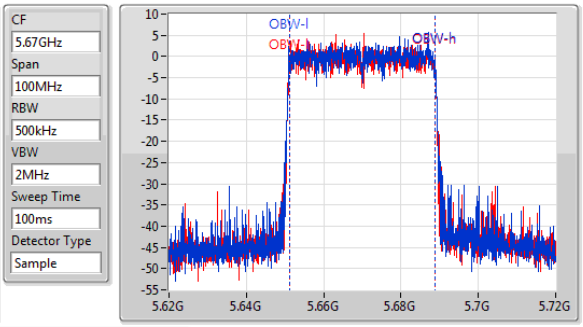
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.55M	5.52365G	5.5732G	37.531M	5.531209G	5.568741G	Inf	1
72.1M	5.51255G	5.58465G	37.531M	5.531159G	5.568691G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5670MHz

07/03/2019



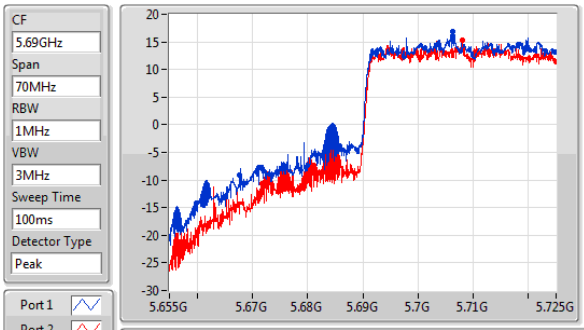


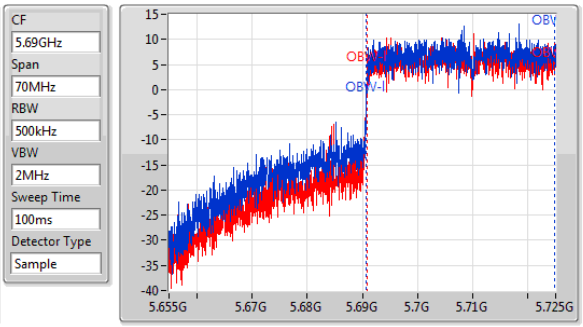
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.64995G	5.6899G	37.681M	5.651059G	5.688741G	Inf	1
40.1M	5.64995G	5.69005G	37.531M	5.651209G	5.688741G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

07/03/2019



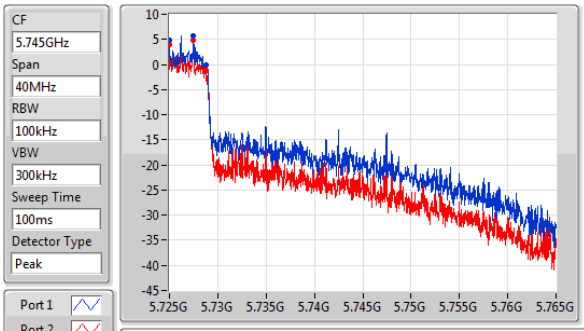


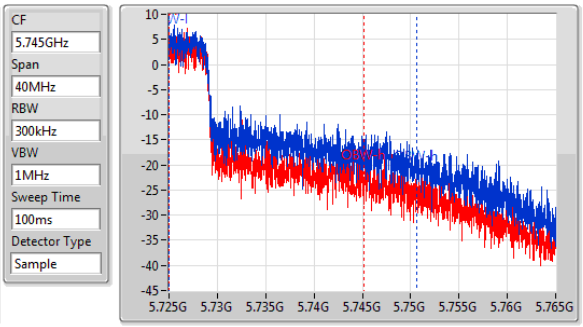
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.295M	5.667705G	5.725G	34.213M	5.69063G	5.724843G	Inf	1
53.235M	5.671765G	5.725G	33.863M	5.69091G	5.724773G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

07/03/2019



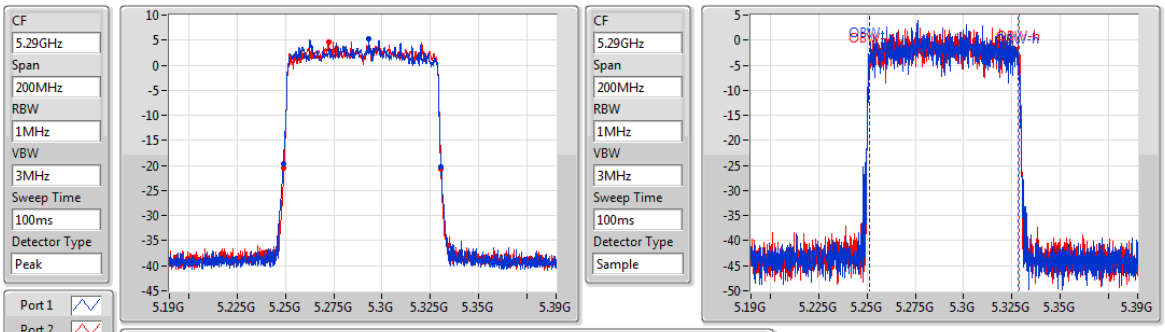


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	25.627M	5.72503G	5.750657G	500k	1
3.74M	5.725G	5.72874G	20.15M	5.72501G	5.74516G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

5290MHz

07/03/2019

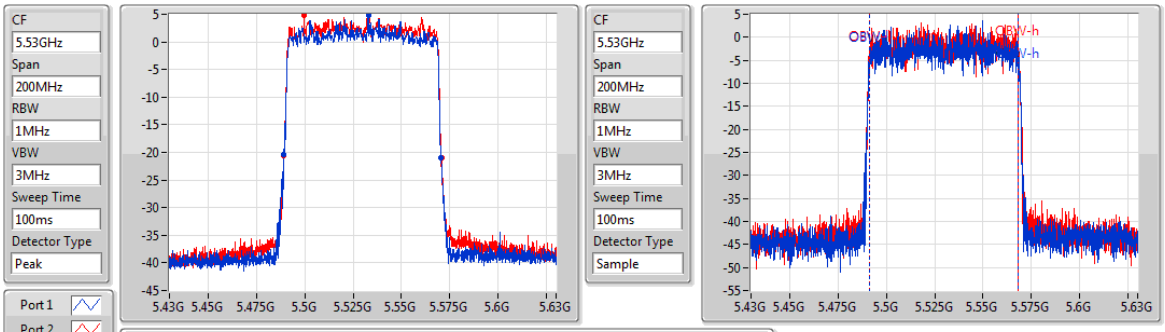


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.2489G	5.3305G	76.962M	5.251319G	5.328281G	Inf	1
81.3M	5.2492G	5.3305G	77.061M	5.251419G	5.328481G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

5530MHz

07/03/2019

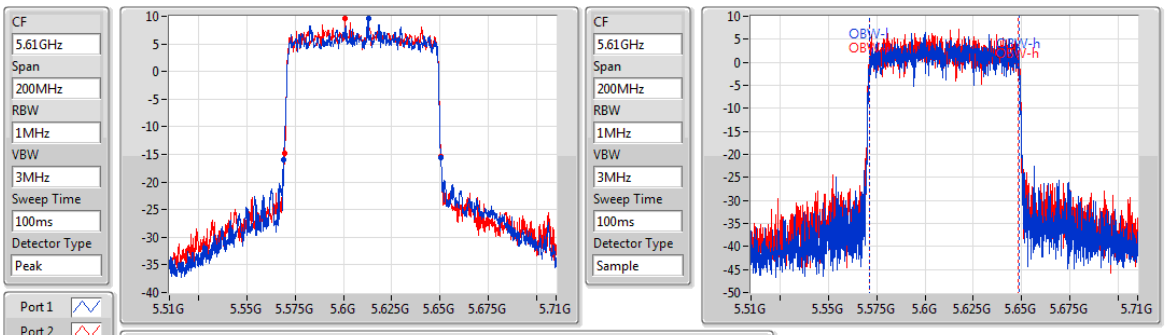


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.489G	5.5705G	76.862M	5.491519G	5.568381G	Inf	1
81.5M	5.4892G	5.5707G	76.862M	5.491419G	5.568281G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

5610MHz

07/03/2019

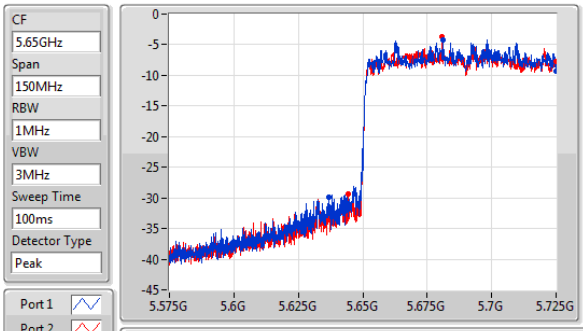


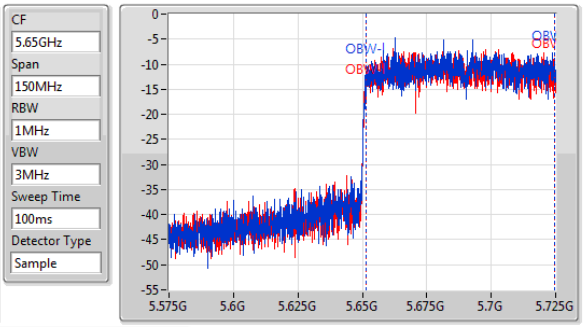
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.569G	5.6504G	77.061M	5.571519G	5.648581G	Inf	1
81.1M	5.5694G	5.6505G	76.962M	5.571419G	5.648381G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX — EBW

5690MHz Straddle 5.47-5.725GHz

07/03/2019



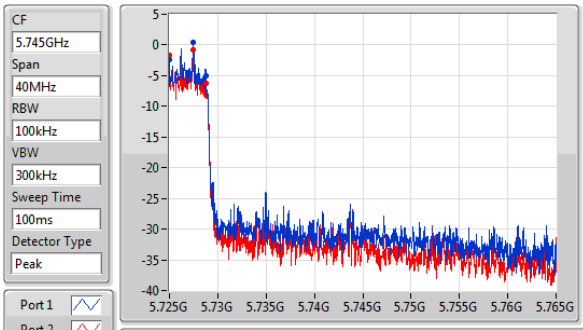


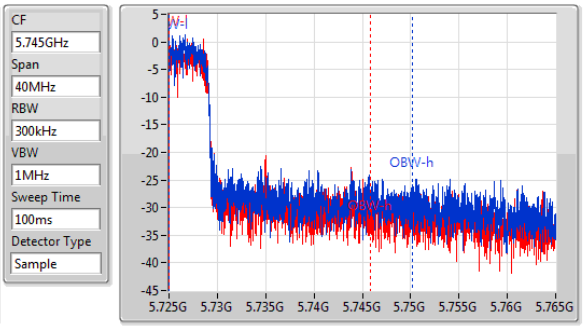
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.975M	5.637025G	5.725G	73.238M	5.651274G	5.724513G	Inf	1
80.775M	5.644225G	5.725G	73.238M	5.651349G	5.724588G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX — EBW

5690MHz Straddle 5.725-5.85GHz

07/03/2019



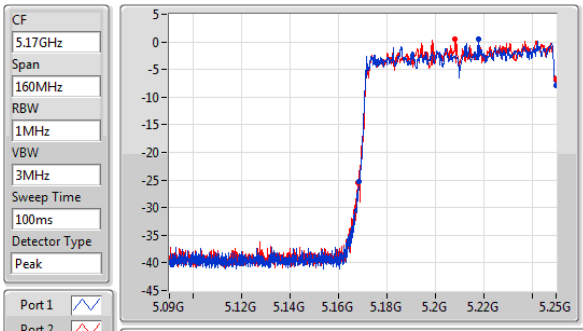


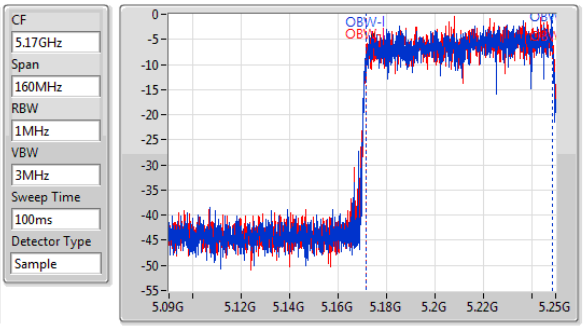
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	25.147M	5.72501G	5.750157G	500k	1
3.74M	5.725G	5.72874G	20.85M	5.72501G	5.74586G	500k	2

802.11ax HEW160_Nss2,(MCS0)_2TX — EBW

5250MHz Straddle 5.15-5.25GHz

07/03/2019



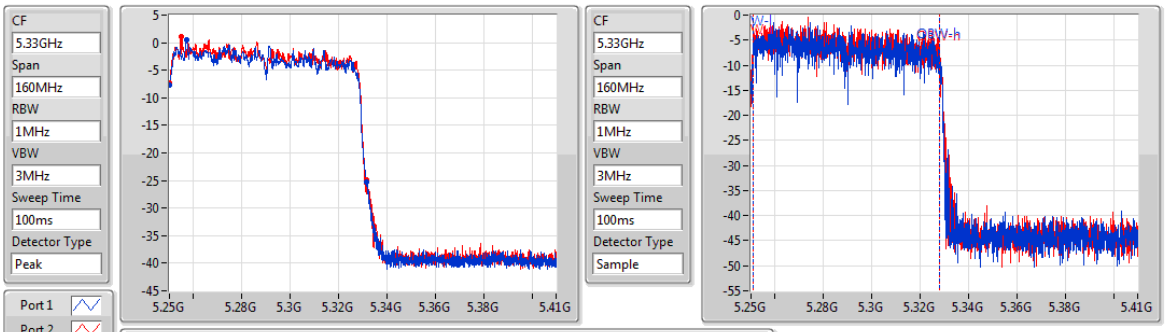


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.44M	5.16856G	5.25G	77.001M	5.171679G	5.248681G	Inf	1
82M	5.168G	5.25G	77.081M	5.171759G	5.248841G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5250MHz Straddle 5.25-5.35GHz

07/03/2019

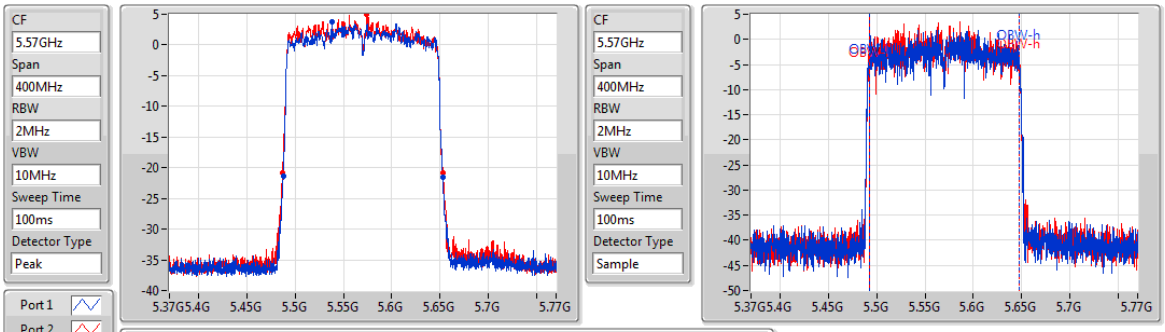


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.76M	5.25G	5.33176G	77.081M	5.251079G	5.328161G	Inf	1
81.44M	5.25G	5.33144G	77.081M	5.251G	5.328081G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5570MHz

07/03/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.2M	5.4876G	5.6528G	155.522M	5.492039G	5.647561G	Inf	1
166M	5.4868G	5.6528G	154.923M	5.492239G	5.647161G	Inf	2

For Non-beamforming / 4T1S mode
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	81.12M	77.401M	77M4D1D	80.64M	76.922M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.675M	16.567M	16M6D1D	21.35M	16.542M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.95M	19.015M	19M0D1D	21.275M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.581M	37M6D1D	39.95M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.7M	77.161M	77M2D1D	81.2M	77.061M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.28M	77.161M	77M2D1D	80.72M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.7M	16.617M	16M6D1D	15.6M	13.313M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.9M	18.991M	19M0D1D	15.615M	14.483M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.581M	37M6D1D	35M	33.618M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.7M	77.161M	77M2D1D	75.45M	73.088M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.6M	155.322M	155MD1D	163.4M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	3.898M	3M90D1D	3.12M	3.838M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.48M	4.538M	4M54D1D	4.46M	4.478M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.94M	4.018M	4M02D1D	3.7M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.74M	16.672M	16M7D1D	3.34M	7.056M

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

Result

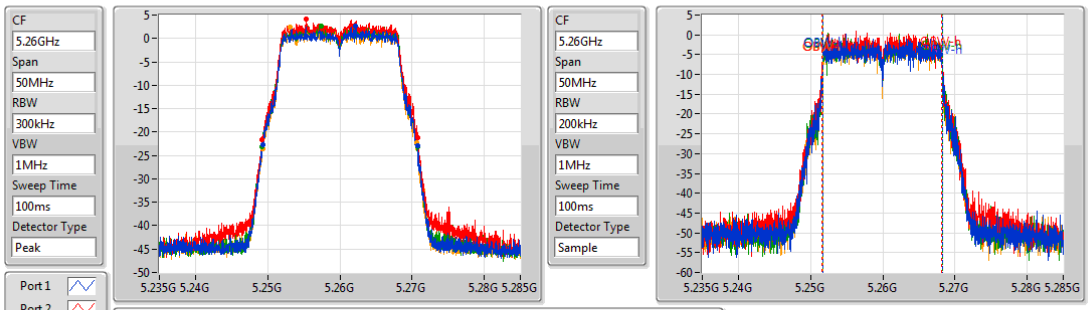
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.475M	16.542M	21.625M	16.567M	21.575M	16.542M	21.35M	16.542M
5300MHz	Pass	Inf	21.525M	16.542M	21.5M	16.567M	21.675M	16.567M	21.55M	16.542M
5320MHz	Pass	Inf	21.55M	16.542M	21.575M	16.567M	21.625M	16.567M	21.4M	16.567M
5500MHz	Pass	Inf	21.475M	16.592M	21.425M	16.592M	21.65M	16.567M	21.5M	16.567M
5580MHz	Pass	Inf	21.55M	16.592M	21.575M	16.567M	21.7M	16.617M	21.4M	16.492M
5700MHz	Pass	Inf	21.6M	16.592M	21.6M	16.567M	21.7M	16.592M	21.4M	16.542M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	13.313M	15.69M	13.343M	15.75M	13.328M	15.6M	13.328M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.898M	3.12M	3.838M	3.12M	3.858M	3.12M	3.858M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.725M	18.991M	21.675M	19.015M	21.9M	18.991M	21.4M	18.966M
5300MHz	Pass	Inf	21.65M	18.941M	21.625M	18.991M	21.95M	18.941M	21.275M	18.966M
5320MHz	Pass	Inf	21.675M	18.941M	21.525M	18.966M	21.875M	18.966M	21.4M	18.941M
5500MHz	Pass	Inf	21.65M	18.941M	21.7M	18.966M	21.9M	18.966M	21.5M	18.966M
5580MHz	Pass	Inf	21.75M	18.941M	21.7M	18.966M	21.825M	18.966M	21.35M	18.991M
5700MHz	Pass	Inf	21.825M	18.966M	21.575M	18.941M	21.8M	18.991M	21.5M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.81M	14.498M	15.795M	14.498M	15.93M	14.483M	15.615M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.478M	4.48M	4.498M	4.48M	4.538M	4.46M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40M	37.531M	40.1M	37.481M	40.1M	37.581M	40.1M	37.531M
5310MHz	Pass	Inf	40M	37.481M	40.2M	37.531M	39.95M	37.531M	40.1M	37.531M
5510MHz	Pass	Inf	39.95M	37.481M	40M	37.581M	40.05M	37.481M	39.95M	37.581M
5550MHz	Pass	Inf	39.95M	37.531M	40.05M	37.531M	40.15M	37.481M	40.1M	37.531M
5670MHz	Pass	Inf	39.95M	37.581M	40.1M	37.581M	40.1M	37.531M	40.2M	37.581M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35M	33.723M	35.105M	33.618M	35.07M	33.653M	35.07M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.018M	3.72M	4.018M	3.7M	4.018M	3.86M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.7M	77.161M	81.3M	77.161M	81.2M	77.161M	81.4M	77.061M
5530MHz	Pass	Inf	81.6M	77.061M	81.3M	76.962M	81.3M	77.161M	81.5M	76.962M
5610MHz	Pass	Inf	81.7M	77.161M	81.2M	77.061M	81.5M	76.962M	81.5M	77.061M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.75M	73.088M	75.975M	73.313M	75.45M	73.313M	75.9M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	16.672M	3.66M	14.793M	3.74M	13.693M	3.34M	7.056M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.88M	77.241M	81.12M	77.241M	80.8M	76.922M	80.64M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.2M	77.161M	81.28M	77.161M	80.72M	77.001M	81.2M	77.081M
5570MHz	Pass	Inf	165.6M	155.322M	165.6M	154.923M	163.4M	155.322M	164.6M	155.122M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

07/03/2019

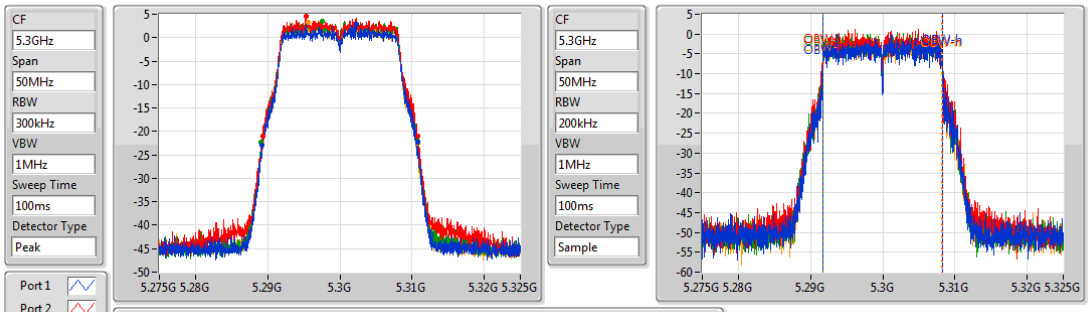


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.2493G	5.270775G	16.542M	5.251679G	5.268221G	Inf	1
21.625M	5.249175G	5.2708G	16.567M	5.251629G	5.268196G	Inf	2
21.575M	5.249225G	5.2708G	16.542M	5.251704G	5.268246G	Inf	3
21.35M	5.24935G	5.2707G	16.542M	5.251679G	5.268221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

07/03/2019

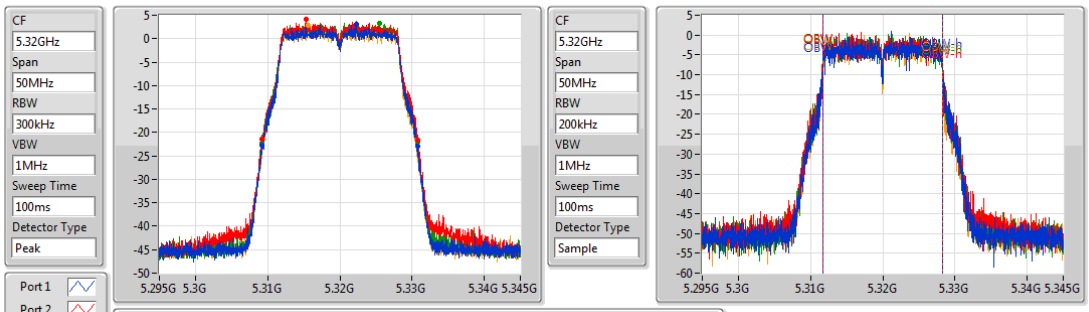


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.2892G	5.310725G	16.542M	5.291679G	5.308221G	Inf	1
21.5M	5.2893G	5.3108G	16.567M	5.291679G	5.308246G	Inf	2
21.675M	5.2891G	5.310775G	16.567M	5.291679G	5.308246G	Inf	3
21.55M	5.28925G	5.3108G	16.542M	5.291654G	5.308196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

07/03/2019

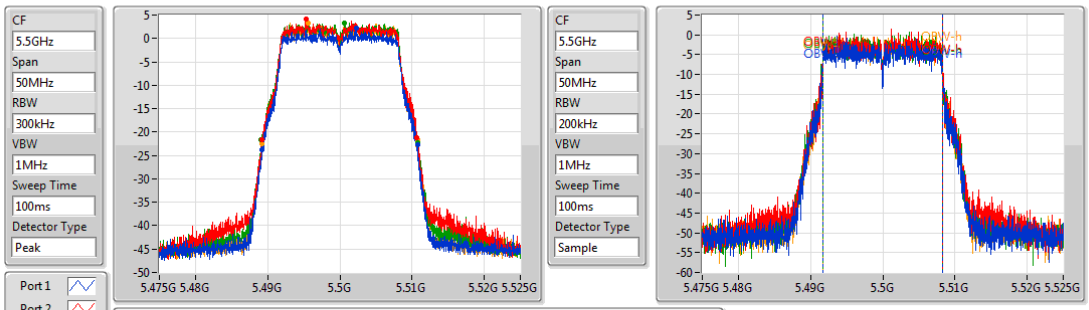


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.55M	5.309225G	5.330775G	16.542M	5.311704G	5.328246G	Inf	1
21.575M	5.30925G	5.330825G	16.567M	5.311679G	5.328246G	Inf	2
21.625M	5.30915G	5.330775G	16.567M	5.311679G	5.328246G	Inf	3
21.4M	5.309275G	5.330675G	16.567M	5.311654G	5.328221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

07/03/2019

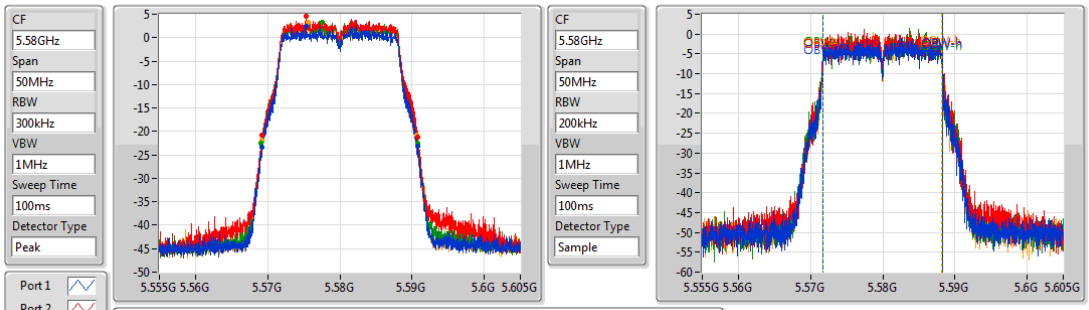


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.489275G	5.51075G	16.592M	5.491654G	5.508246G	Inf	1
21.425M	5.489275G	5.5107G	16.592M	5.491654G	5.508246G	Inf	2
21.65M	5.489125G	5.510775G	16.567M	5.491679G	5.508246G	Inf	3
21.5M	5.48925G	5.51075G	16.567M	5.491679G	5.508246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

07/03/2019

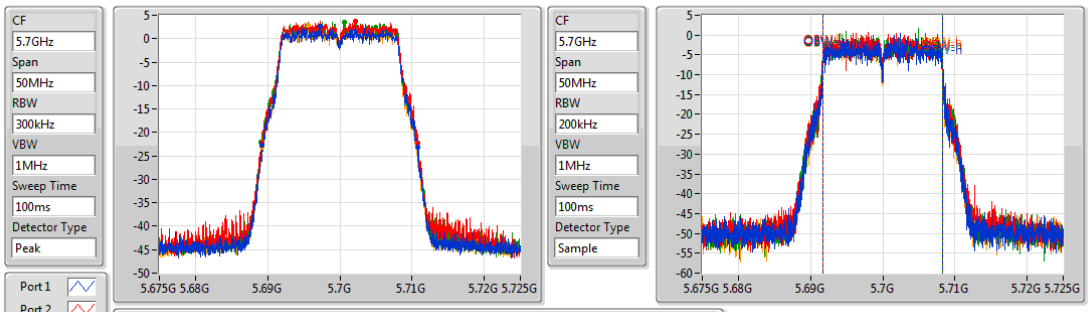


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.55M	5.56925G	5.5908G	16.592M	5.571654G	5.588246G	Inf	1
21.575M	5.569225G	5.5908G	16.567M	5.571679G	5.588246G	Inf	2
21.7M	5.5691G	5.5908G	16.617M	5.571654G	5.588271G	Inf	3
21.4M	5.569275G	5.590675G	16.492M	5.571704G	5.588196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

07/03/2019

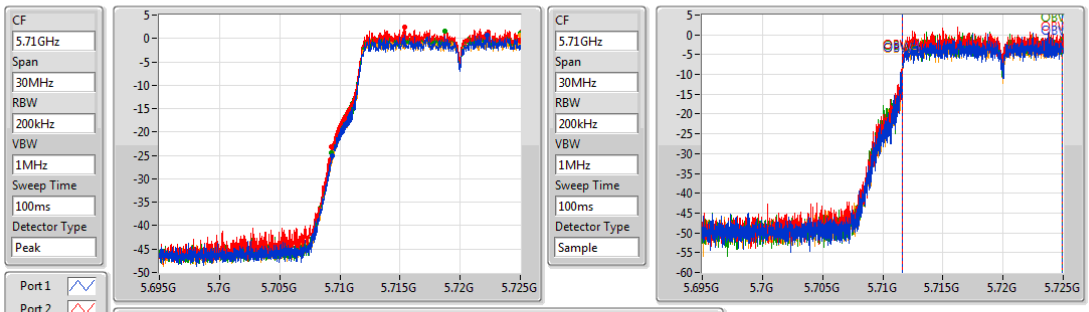


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.6892G	5.7108G	16.592M	5.691654G	5.708246G	Inf	1
21.6M	5.689225G	5.710825G	16.567M	5.691654G	5.708221G	Inf	2
21.7M	5.6891G	5.7108G	16.592M	5.691654G	5.708246G	Inf	3
21.4M	5.689225G	5.710625G	16.542M	5.691679G	5.708221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

07/03/2019

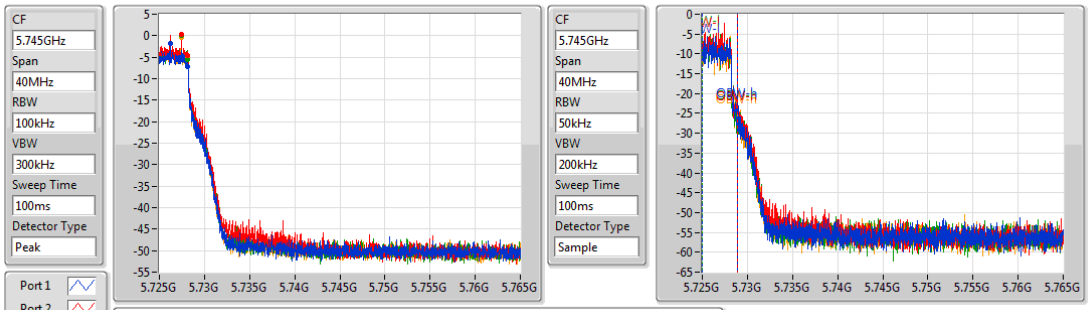


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.645M	5.709355G	5.725G	13.313M	5.711619G	5.724933G	Inf	1
15.69M	5.70931G	5.725G	13.343M	5.711604G	5.724948G	Inf	2
15.75M	5.70925G	5.725G	13.328M	5.711619G	5.724948G	Inf	3
15.6M	5.7094G	5.725G	13.328M	5.711619G	5.724948G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

07/03/2019

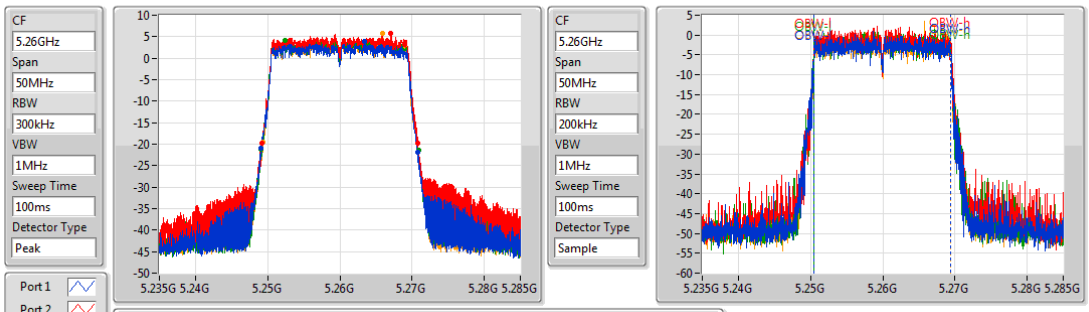


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.898M	5.72501G	5.728908G	500k	1
3.12M	5.725G	5.72812G	3.838M	5.72501G	5.728848G	500k	2
3.12M	5.725G	5.72812G	3.858M	5.72501G	5.728868G	500k	3
3.12M	5.725G	5.72812G	3.858M	5.72501G	5.728868G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX **EBW**

5260MHz

07/03/2019

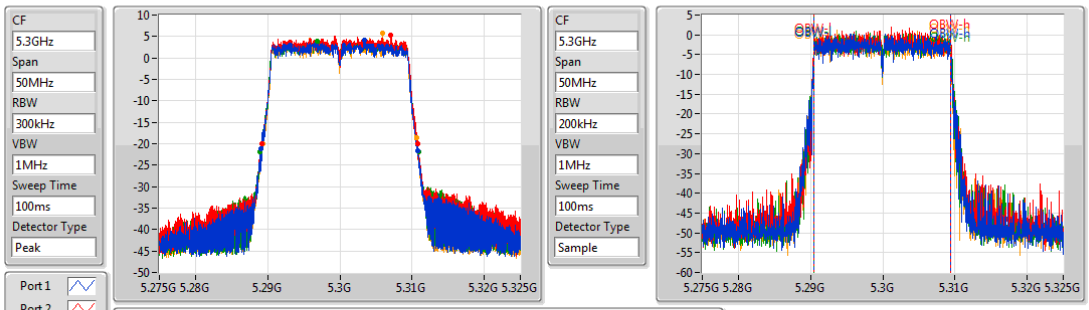


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.2491G	5.270825G	18.991M	5.250455G	5.269445G	Inf	1
21.675M	5.24915G	5.270825G	19.015M	5.250455G	5.26947G	Inf	2
21.9M	5.249025G	5.270925G	18.991M	5.250455G	5.269445G	Inf	3
21.4M	5.249375G	5.270775G	18.966M	5.25048G	5.269445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

07/03/2019

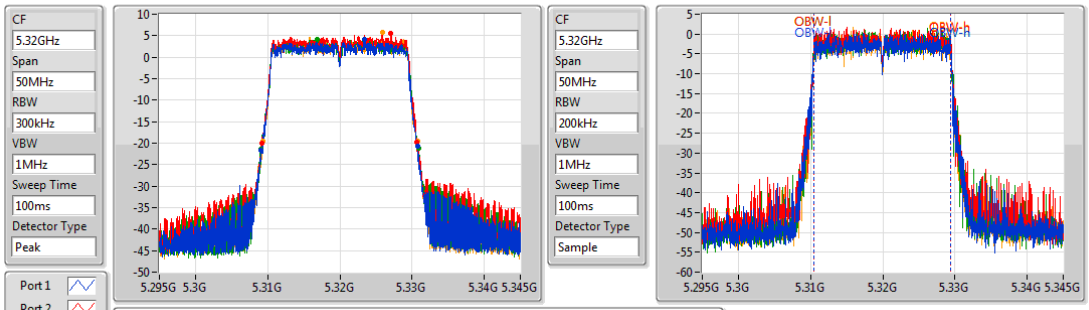


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.2891G	5.31075G	18.941M	5.29048G	5.30942G	Inf	1
21.625M	5.289175G	5.3108G	18.991M	5.29048G	5.30947G	Inf	2
21.95M	5.288975G	5.310925G	18.941M	5.290505G	5.309445G	Inf	3
21.275M	5.28935G	5.310625G	18.966M	5.29048G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

07/03/2019

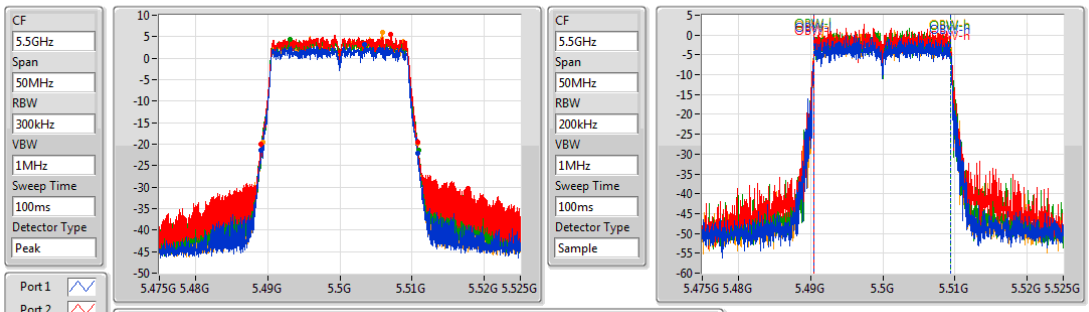


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.309075G	5.33075G	18.941M	5.31048G	5.32942G	Inf	1
21.525M	5.30915G	5.330675G	18.966M	5.31048G	5.329445G	Inf	2
21.875M	5.309025G	5.3309G	18.966M	5.31048G	5.329445G	Inf	3
21.4M	5.309325G	5.330725G	18.941M	5.310505G	5.329445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

07/03/2019

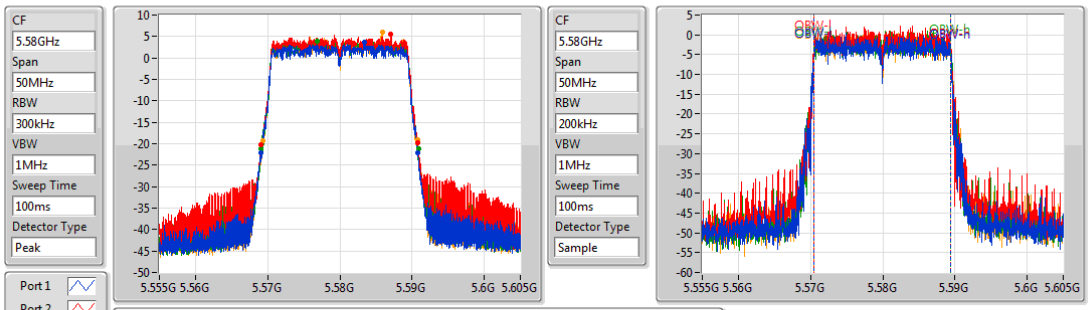


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.489125G	5.510775G	18.941M	5.49048G	5.50942G	Inf	1
21.7M	5.489125G	5.510825G	18.966M	5.49048G	5.509445G	Inf	2
21.9M	5.489G	5.5109G	18.966M	5.49048G	5.509445G	Inf	3
21.5M	5.4893G	5.5108G	18.966M	5.49048G	5.509445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

07/03/2019

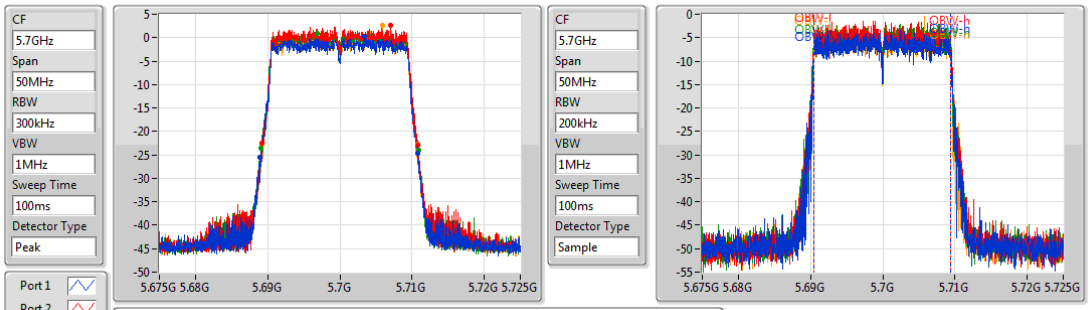


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.56905G	5.5908G	18.941M	5.57048G	5.58942G	Inf	1
21.7M	5.5691G	5.5908G	18.966M	5.57048G	5.589445G	Inf	2
21.825M	5.56905G	5.590875G	18.966M	5.57048G	5.589445G	Inf	3
21.35M	5.569375G	5.590725G	18.991M	5.570455G	5.589445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

07/03/2019

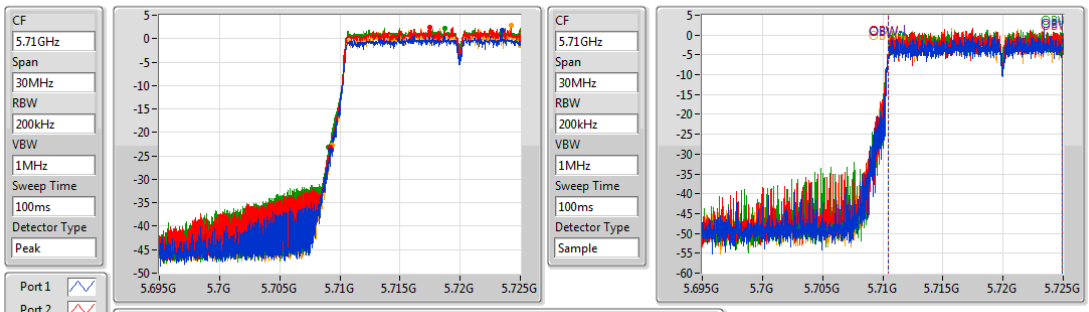


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.68895G	5.710775G	18.966M	5.69048G	5.709445G	Inf	1
21.575M	5.6892G	5.710775G	18.941M	5.69048G	5.70942G	Inf	2
21.8M	5.689075G	5.710875G	18.991M	5.690455G	5.709445G	Inf	3
21.5M	5.68925G	5.71075G	18.941M	5.69048G	5.70942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

07/03/2019

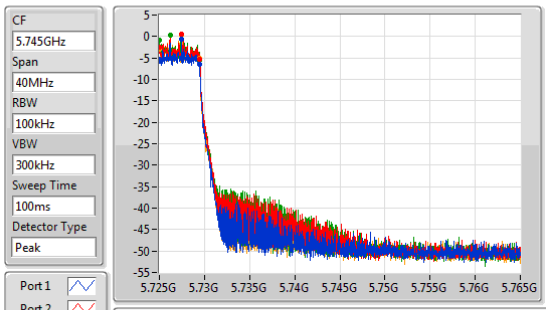


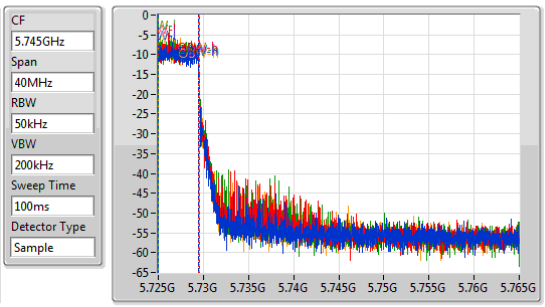
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.81M	5.70919G	5.725G	14.498M	5.710435G	5.724933G	Inf	1
15.795M	5.709205G	5.725G	14.498M	5.710435G	5.724933G	Inf	2
15.93M	5.70907G	5.725G	14.483M	5.710435G	5.724918G	Inf	3
15.615M	5.709385G	5.725G	14.498M	5.710435G	5.724933G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

07/03/2019



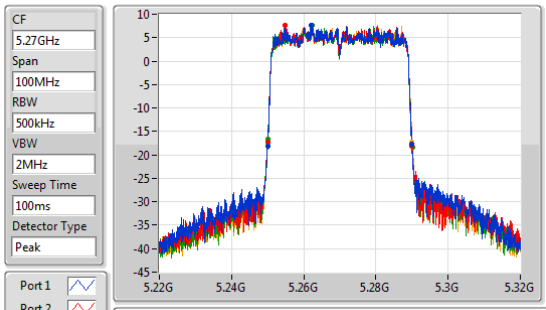


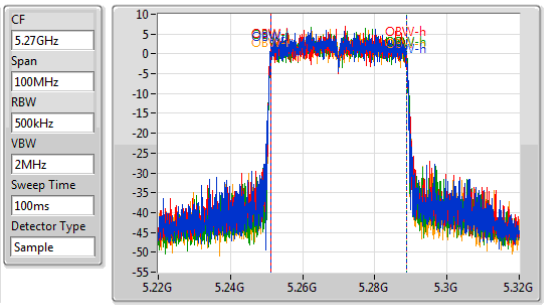
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.46M	5.725G	5.72946G	4.478M	5.72503G	5.729508G	500k	1
4.48M	5.725G	5.72948G	4.498M	5.72501G	5.729508G	500k	2
4.48M	5.725G	5.72948G	4.538M	5.72501G	5.729548G	500k	3
4.46M	5.725G	5.72946G	4.498M	5.72503G	5.729528G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

07/03/2019



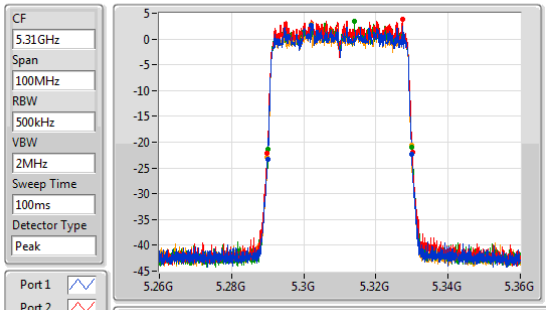


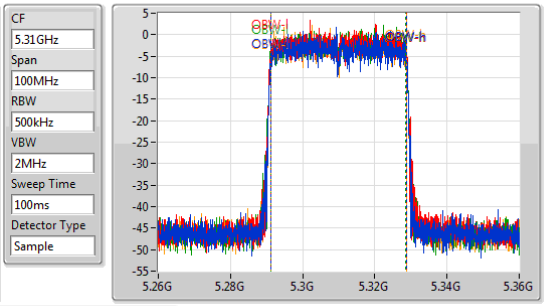
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.24995G	5.28995G	37.531M	5.251159G	5.288691G	Inf	1
40.1M	5.24995G	5.29005G	37.481M	5.251209G	5.288691G	Inf	2
40.1M	5.25G	5.2901G	37.581M	5.251159G	5.288741G	Inf	3
40.1M	5.24995G	5.29005G	37.531M	5.251159G	5.288691G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

07/03/2019



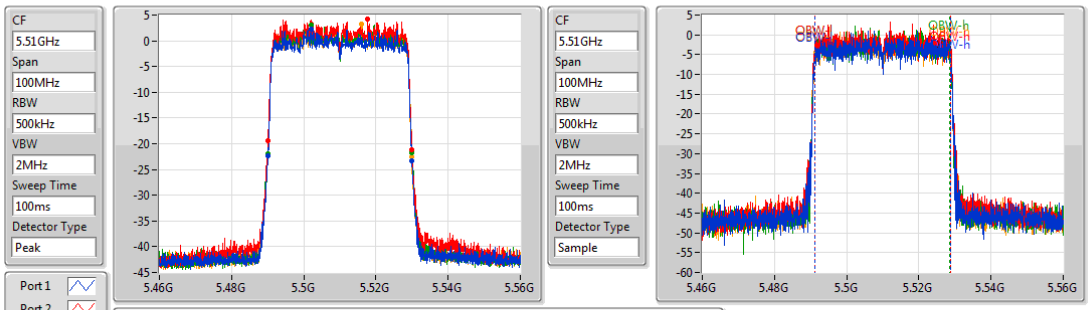


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.28995G	5.32995G	37.481M	5.291209G	5.328691G	Inf	1
40.2M	5.2899G	5.3301G	37.531M	5.291209G	5.328741G	Inf	2
39.95M	5.2901G	5.33005G	37.531M	5.291109G	5.328641G	Inf	3
40.1M	5.28985G	5.32995G	37.531M	5.291159G	5.328691G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

07/03/2019

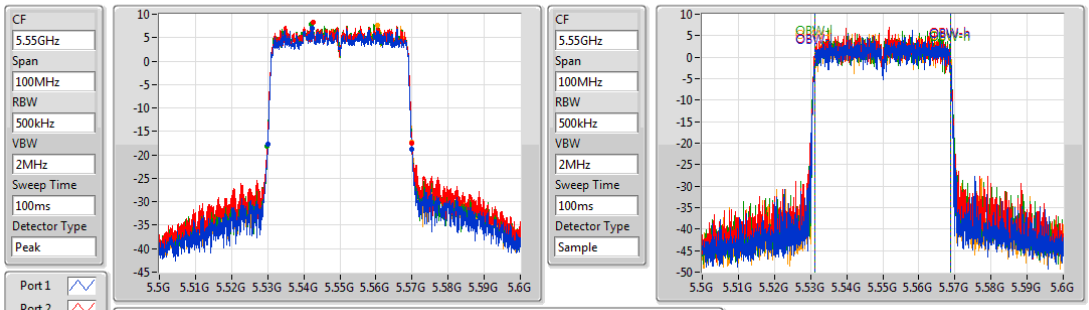


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.49005G	5.53G	37.481M	5.491209G	5.528691G	Inf	1
40M	5.49005G	5.53005G	37.581M	5.491159G	5.528741G	Inf	2
40.05M	5.48995G	5.53G	37.481M	5.491159G	5.528641G	Inf	3
39.95M	5.48995G	5.5299G	37.581M	5.491159G	5.528741G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

07/03/2019

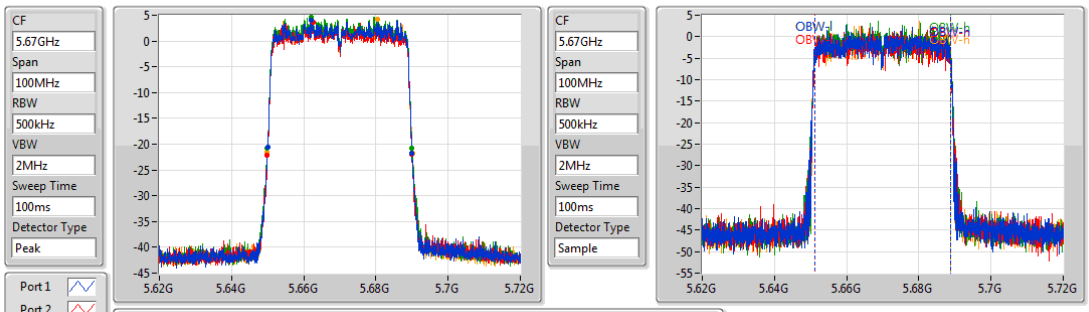


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.53005G	5.57G	37.531M	5.531209G	5.568741G	Inf	1
40.05M	5.52995G	5.57G	37.531M	5.531159G	5.568691G	Inf	2
40.15M	5.5299G	5.57005G	37.481M	5.531209G	5.568691G	Inf	3
40.1M	5.52995G	5.57005G	37.531M	5.531209G	5.568741G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

07/03/2019

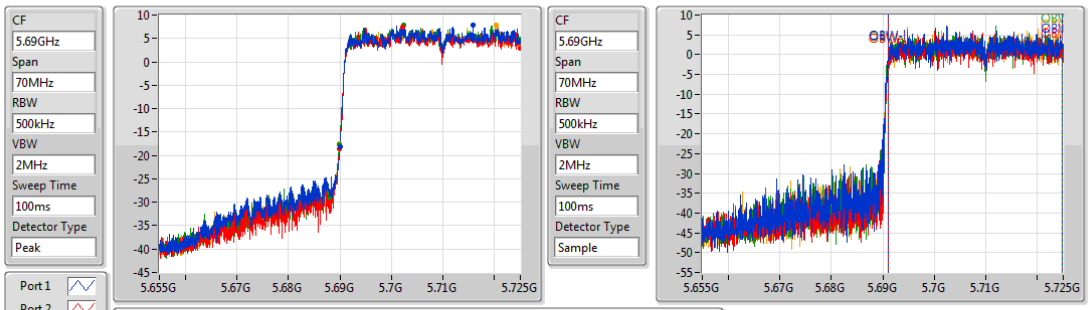


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.65005G	5.69G	37.581M	5.651159G	5.688741G	Inf	1
40.1M	5.64985G	5.68995G	37.581M	5.651159G	5.688741G	Inf	2
40.1M	5.6499G	5.69G	37.531M	5.651209G	5.688741G	Inf	3
40.2M	5.6499G	5.6901G	37.581M	5.651109G	5.688691G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX — EBW

5710MHz Straddle 5.47-5.725GHz

07/03/2019

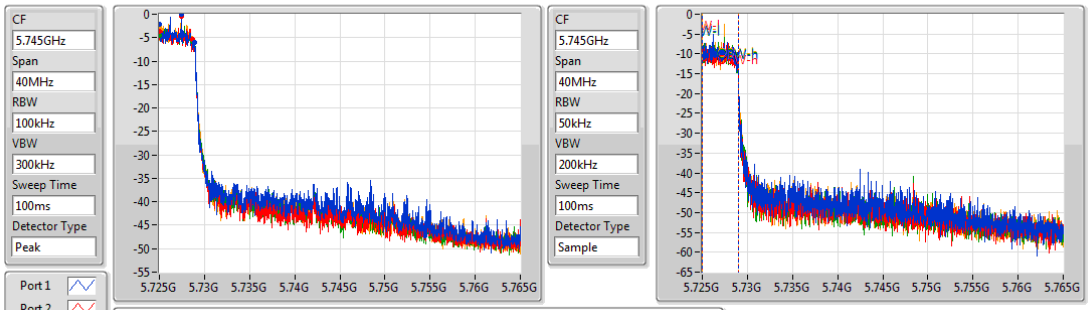


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	5.69G	5.725G	33.723M	5.691119G	5.724843G	Inf	1
35.105M	5.689895G	5.725G	33.618M	5.691154G	5.724773G	Inf	2
35.07M	5.68993G	5.725G	33.653M	5.691119G	5.724773G	Inf	3
35.07M	5.68993G	5.725G	33.688M	5.691119G	5.724808G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX — EBW

5710MHz Straddle 5.725-5.85GHz

07/03/2019

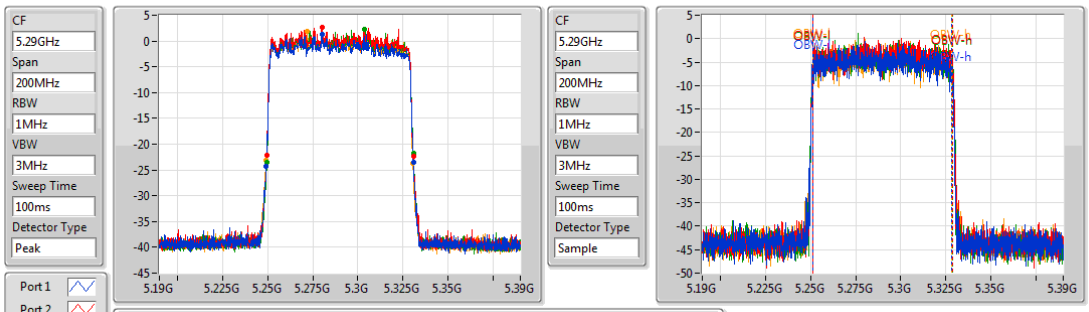


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.018M	5.72501G	5.729028G	500k	1
3.72M	5.725G	5.72872G	4.018M	5.72501G	5.729028G	500k	2
3.7M	5.725G	5.7287G	4.018M	5.72501G	5.729028G	500k	3
3.86M	5.725G	5.72886G	4.018M	5.72501G	5.729028G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX — EBW

5290MHz

07/03/2019

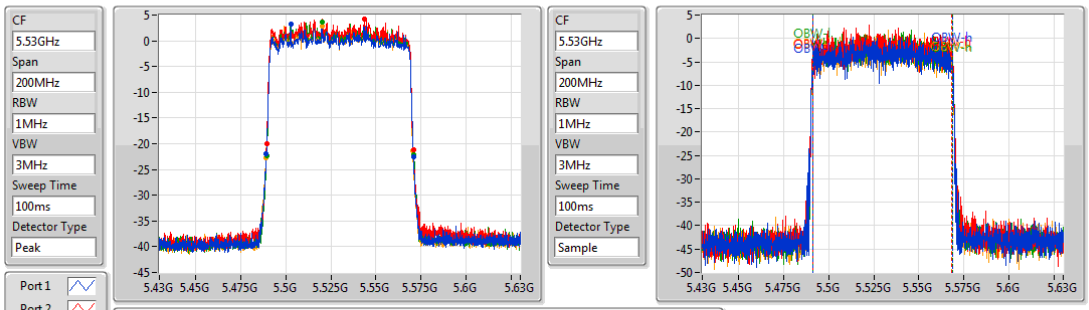


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.2491G	5.3308G	77.161M	5.251219G	5.328381G	Inf	1
81.3M	5.2494G	5.3307G	77.161M	5.251319G	5.328481G	Inf	2
81.2M	5.2495G	5.3307G	77.161M	5.251319G	5.328481G	Inf	3
81.4M	5.2491G	5.3305G	77.061M	5.251319G	5.328381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

07/03/2019

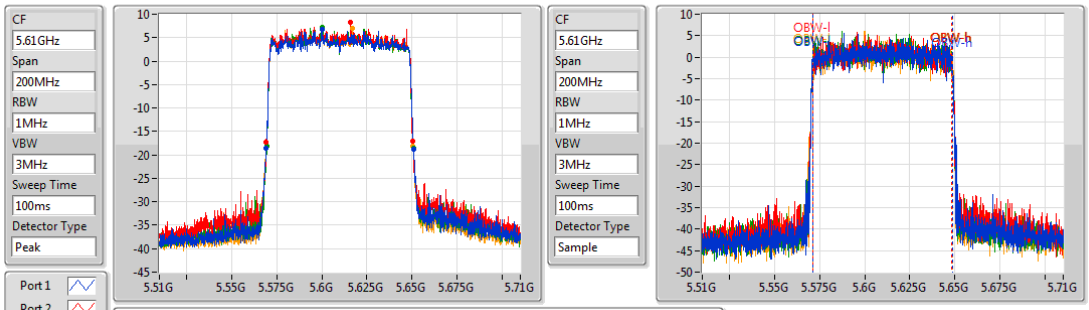


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.4893G	5.5709G	77.061M	5.491419G	5.568481G	Inf	1
81.3M	5.4894G	5.5707G	76.962M	5.491419G	5.568381G	Inf	2
81.3M	5.4895G	5.5708G	77.161M	5.491319G	5.568481G	Inf	3
81.5M	5.489G	5.5705G	76.962M	5.491319G	5.568281G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

07/03/2019

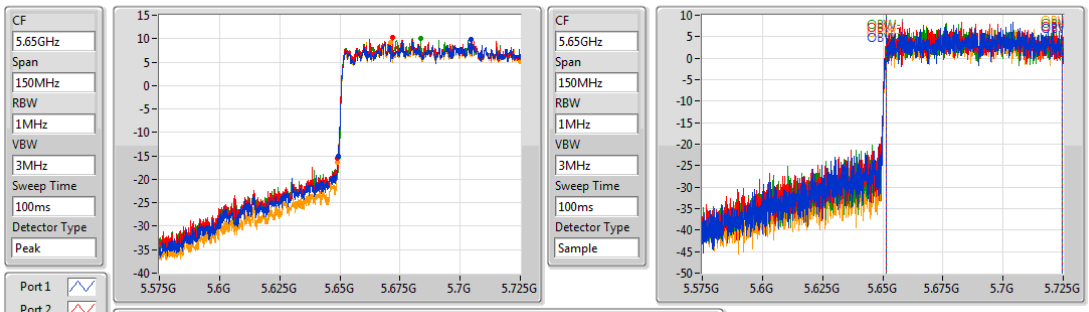


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.5692G	5.6509G	77.161M	5.571319G	5.648481G	Inf	1
81.2M	5.5693G	5.6505G	77.061M	5.571319G	5.648381G	Inf	2
81.5M	5.5695G	5.651G	76.962M	5.571319G	5.648281G	Inf	3
81.5M	5.5691G	5.6506G	77.061M	5.571419G	5.648481G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

07/03/2019

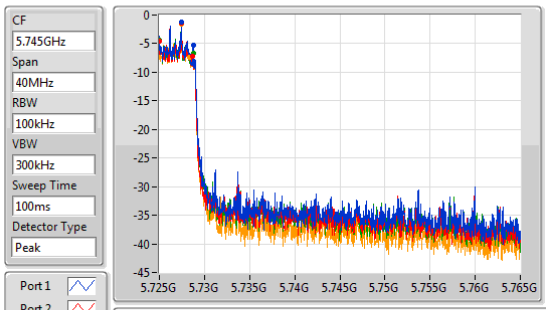


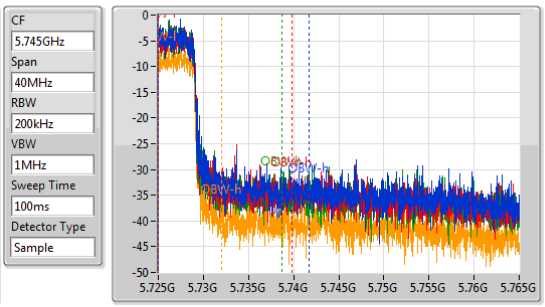
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.75M	5.64925G	5.725G	73.088M	5.651349G	5.724438G	Inf	1
75.975M	5.649025G	5.725G	73.313M	5.651274G	5.724588G	Inf	2
75.45M	5.64955G	5.725G	73.313M	5.651274G	5.724588G	Inf	3
75.9M	5.6491G	5.725G	73.238M	5.651349G	5.724588G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

07/03/2019



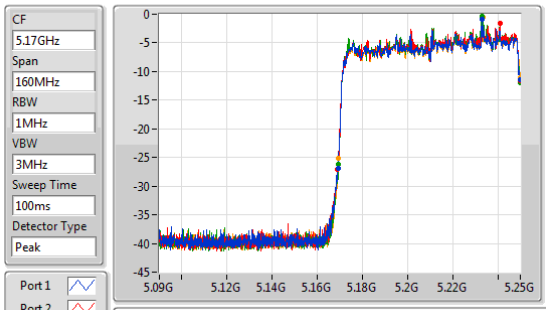


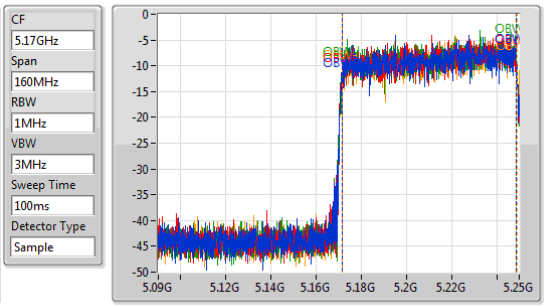
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	16.672M	5.72501G	5.741682G	500k	1
3.66M	5.725G	5.72866G	14.793M	5.72501G	5.739803G	500k	2
3.74M	5.725G	5.72874G	13.693M	5.72501G	5.738703G	500k	3
3.34M	5.725G	5.72834G	7.056M	5.72501G	5.732066G	500k	4

802.11ax HEW160_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.15-5.25GHz

07/03/2019



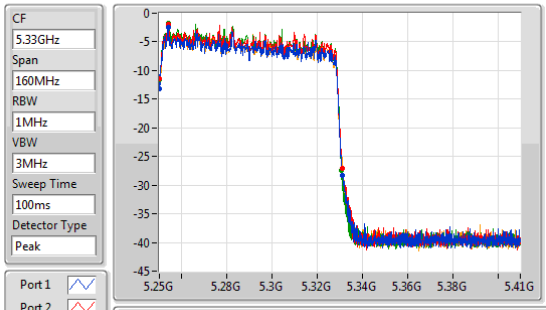


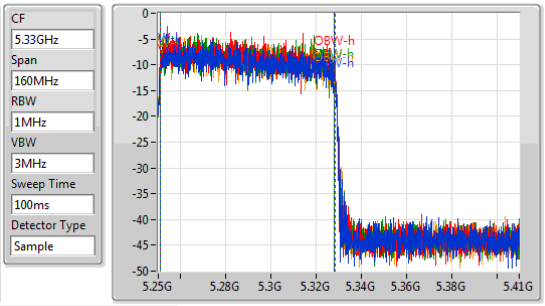
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.16912G	5.25G	77.241M	5.171519G	5.248761G	Inf	1
81.12M	5.16888G	5.25G	77.241M	5.171519G	5.248761G	Inf	2
80.8M	5.1692G	5.25G	76.922M	5.171759G	5.248681G	Inf	3
80.64M	5.16936G	5.25G	77.401M	5.171519G	5.248921G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.25-5.35GHz

07/03/2019



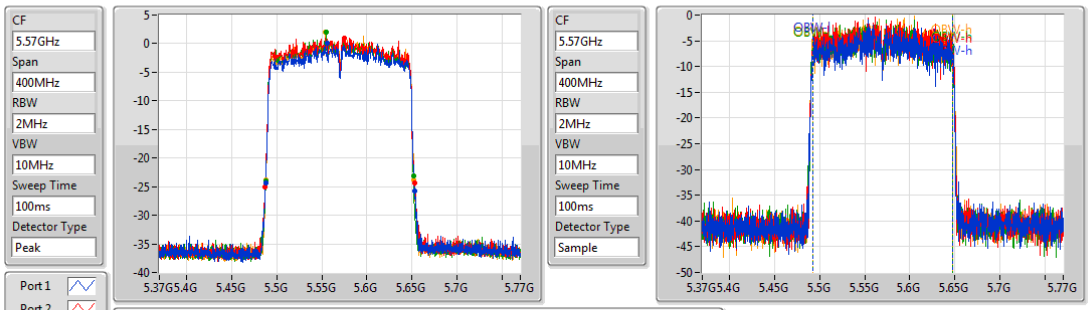


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.2M	5.25G	5.3312G	77.161M	5.251G	5.328161G	Inf	1
81.28M	5.25G	5.33128G	77.161M	5.251079G	5.328241G	Inf	2
80.72M	5.25G	5.33072G	77.001M	5.251079G	5.328081G	Inf	3
81.2M	5.25G	5.3312G	77.081M	5.251079G	5.328161G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5570MHz

07/03/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.6M	5.4876G	5.6532G	155.322M	5.492239G	5.647561G	Inf	1
165.6M	5.4874G	5.653G	154.923M	5.492239G	5.647161G	Inf	2
163.4M	5.488G	5.6514G	155.322M	5.492039G	5.647361G	Inf	3
164.6M	5.4876G	5.6522G	155.122M	5.492239G	5.647361G	Inf	4

For Beamforming / 4T1S mode
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	77.241M	77M2D1D	80.72M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.9M	19.015M	19M0D1D	21.325M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.631M	37M6D1D	39.9M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.7M	77.261M	77M3D1D	81.2M	76.862M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.36M	77.161M	77M2D1D	80.88M	76.922M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.875M	18.991M	19M0D1D	15.69M	14.438M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.631M	37M6D1D	34.965M	33.583M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.8M	77.161M	77M2D1D	75.45M	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	4.52M	4.538M	4M54D1D	4.46M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.96M	4.038M	4M04D1D	3.72M	3.998M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.78M	4.038M	4M04D1D	3.46M	4.038M

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

Result

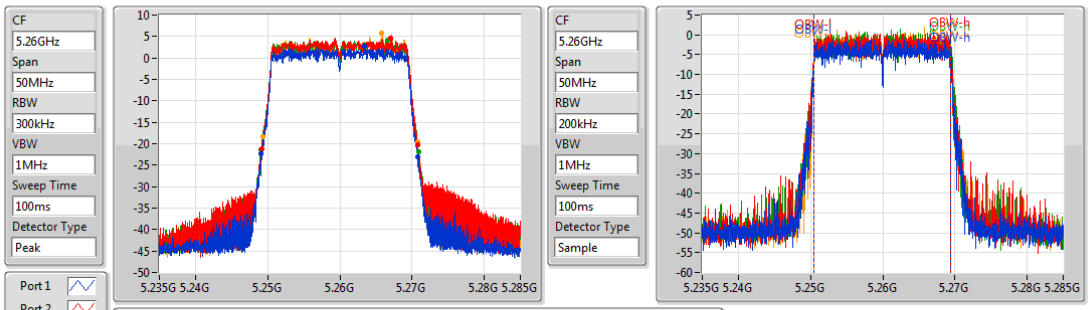
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.675M	18.941M	21.675M	18.941M	21.9M	18.991M	21.425M	18.941M
5300MHz	Pass	Inf	21.775M	18.966M	21.575M	19.015M	21.8M	18.966M	21.325M	18.941M
5320MHz	Pass	Inf	21.75M	18.941M	21.775M	18.941M	21.8M	18.991M	21.55M	18.966M
5500MHz	Pass	Inf	21.8M	18.941M	21.7M	18.966M	21.875M	18.941M	21.375M	18.966M
5580MHz	Pass	Inf	21.65M	18.966M	21.7M	18.991M	21.825M	18.991M	21.4M	18.966M
5700MHz	Pass	Inf	21.725M	18.966M	21.625M	18.941M	21.825M	18.991M	21.5M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.498M	15.795M	14.438M	15.84M	14.468M	15.69M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.498M	4.52M	4.518M	4.46M	4.538M	4.5M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.95M	37.531M	40.05M	37.531M	40.1M	37.531M	40.2M	37.631M
5310MHz	Pass	Inf	40M	37.581M	40.1M	37.631M	40.1M	37.481M	39.9M	37.581M
5510MHz	Pass	Inf	40M	37.531M	40.1M	37.481M	40M	37.481M	40.2M	37.581M
5550MHz	Pass	Inf	40.05M	37.581M	40M	37.531M	40.05M	37.531M	40.1M	37.581M
5670MHz	Pass	Inf	39.95M	37.481M	40.05M	37.631M	40.1M	37.531M	40.15M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.965M	33.583M	35.07M	33.653M	35.07M	33.583M	35.07M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.018M	3.74M	4.038M	3.72M	4.018M	3.9M	3.998M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.7M	77.061M	81.4M	76.962M	81.2M	77.261M	81.2M	76.862M
5530MHz	Pass	Inf	81.7M	77.061M	81.2M	77.161M	81.3M	77.061M	81.4M	76.862M
5610MHz	Pass	Inf	81.1M	77.061M	81.8M	76.962M	81.4M	77.161M	81.5M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.6M	73.238M	75.6M	73.163M	75.45M	73.163M	75.825M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.038M	3.46M	4.038M	3.76M	4.038M	3.62M	4.038M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.001M	80.88M	77.081M	80.72M	77.241M	80.96M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.28M	77.161M	81.04M	76.922M	80.88M	77.161M	81.36M	77.161M
5570MHz	Pass	Inf	164.4M	155.322M	164.8M	154.923M	164M	155.522M	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;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

06/03/2019

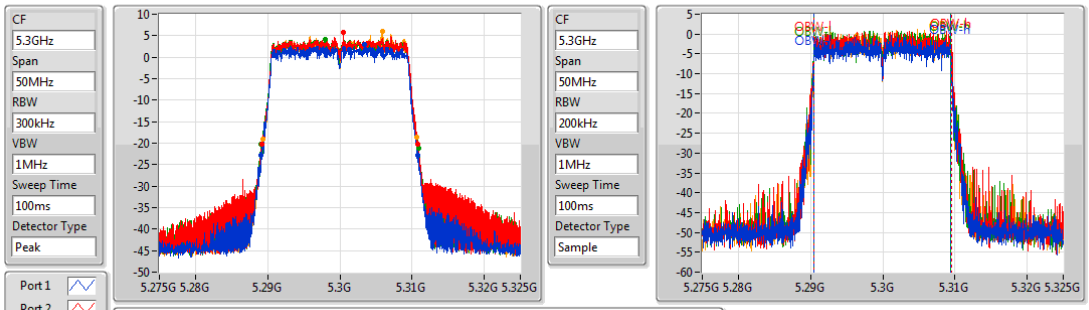


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.249125G	5.2708G	18.941M	5.250505G	5.269445G	Inf	1
21.675M	5.24915G	5.270825G	18.941M	5.250505G	5.269445G	Inf	2
21.9M	5.24905G	5.27095G	18.991M	5.25048G	5.26947G	Inf	3
21.425M	5.249325G	5.27075G	18.941M	5.250505G	5.269445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

06/03/2019

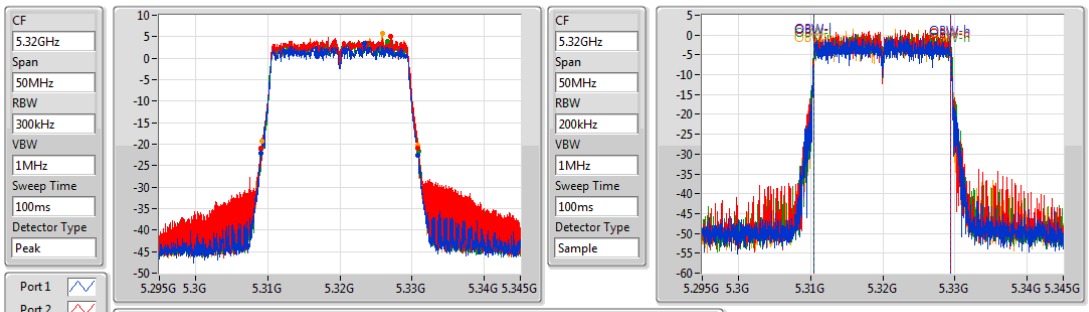


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.289025G	5.3108G	18.966M	5.29048G	5.309445G	Inf	1
21.575M	5.289225G	5.3108G	19.015M	5.29048G	5.309495G	Inf	2
21.8M	5.289125G	5.310925G	18.966M	5.290505G	5.30947G	Inf	3
21.325M	5.289375G	5.3107G	18.941M	5.290505G	5.309445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

06/03/2019

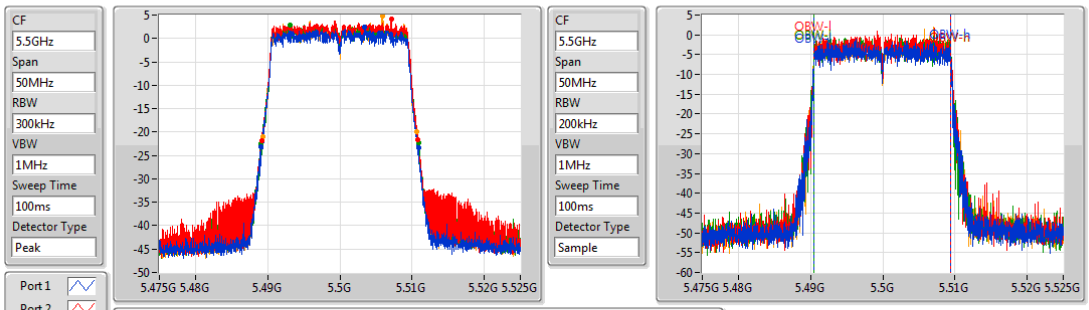


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.3091G	5.33085G	18.941M	5.310505G	5.329445G	Inf	1
21.775M	5.309075G	5.33085G	18.941M	5.310505G	5.329445G	Inf	2
21.8M	5.309075G	5.330875G	18.991M	5.31048G	5.32947G	Inf	3
21.55M	5.30925G	5.3308G	18.966M	5.310505G	5.32947G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

06/03/2019

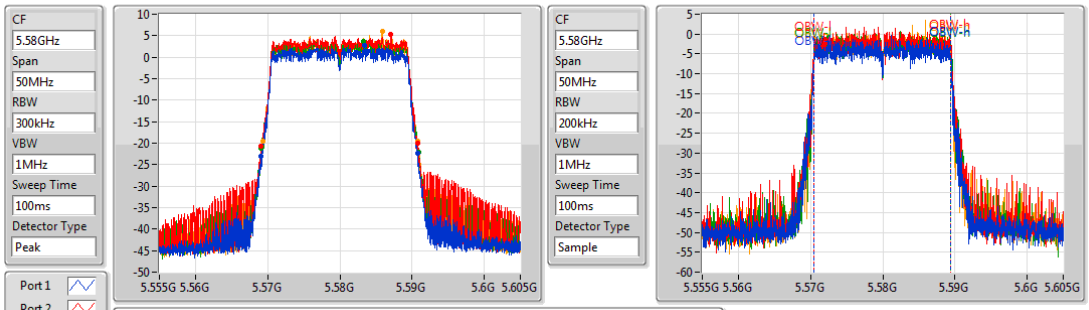


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.489075G	5.510875G	18.941M	5.490505G	5.509445G	Inf	1
21.7M	5.48915G	5.51085G	18.966M	5.49048G	5.509445G	Inf	2
21.875M	5.489025G	5.5109G	18.941M	5.490505G	5.509445G	Inf	3
21.375M	5.489325G	5.5107G	18.966M	5.49048G	5.509445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

06/03/2019

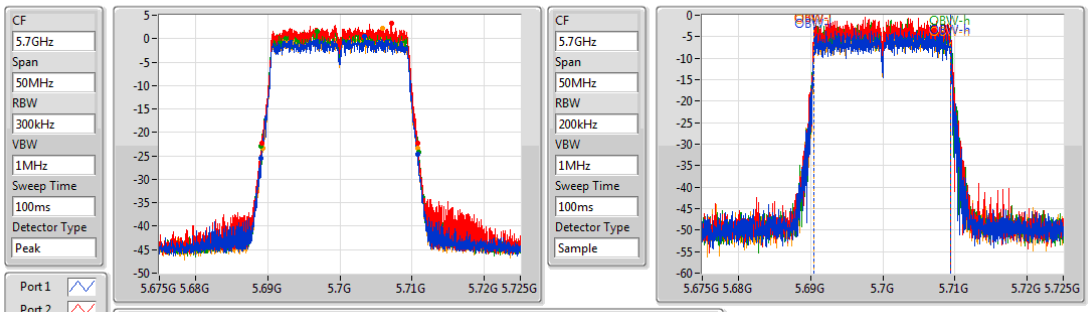


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.569125G	5.590775G	18.966M	5.57048G	5.589445G	Inf	1
21.7M	5.569125G	5.590825G	18.991M	5.57048G	5.58947G	Inf	2
21.825M	5.569075G	5.5909G	18.991M	5.57048G	5.58947G	Inf	3
21.4M	5.56935G	5.59075G	18.966M	5.57048G	5.589445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

06/03/2019

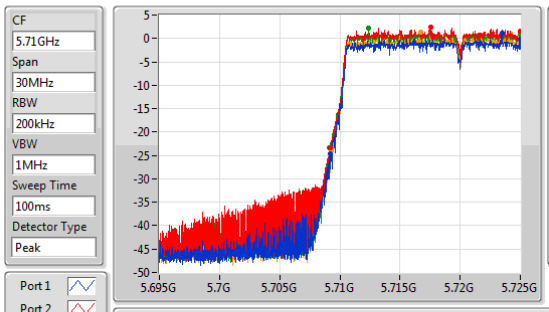


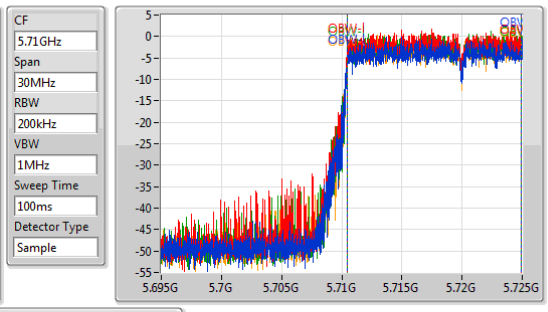
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.68905G	5.710775G	18.966M	5.69048G	5.709445G	Inf	1
21.625M	5.689175G	5.7108G	18.941M	5.69048G	5.70942G	Inf	2
21.825M	5.689075G	5.7109G	18.991M	5.69048G	5.70947G	Inf	3
21.5M	5.6893G	5.7108G	18.966M	5.69048G	5.709445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

06/03/2019



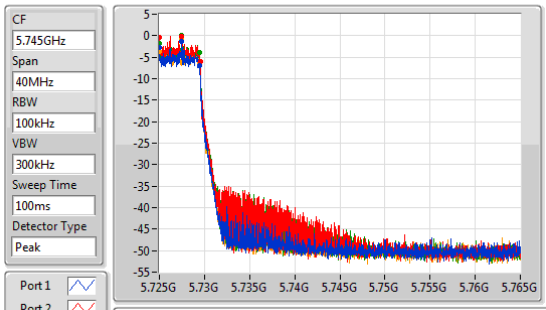


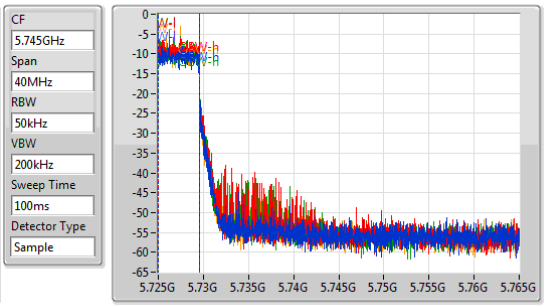
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.795M	5.709205G	5.725G	14.498M	5.71045G	5.724948G	Inf	1
15.795M	5.709205G	5.725G	14.438M	5.710465G	5.724903G	Inf	2
15.84M	5.70916G	5.725G	14.468M	5.710465G	5.724933G	Inf	3
15.69M	5.70931G	5.725G	14.483M	5.71042G	5.724903G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

06/03/2019



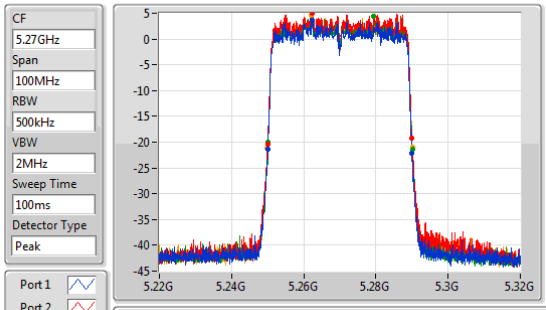


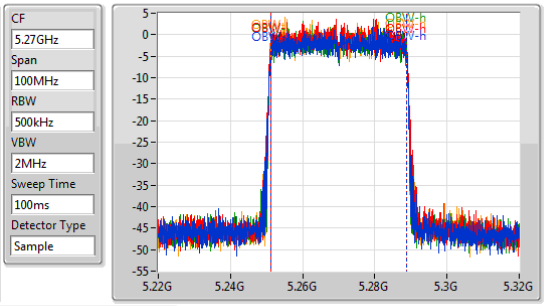
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.46M	5.725G	5.72946G	4.498M	5.72503G	5.729528G	500k	1
4.52M	5.725G	5.72952G	4.518M	5.72501G	5.729528G	500k	2
4.46M	5.725G	5.72946G	4.538M	5.72501G	5.729548G	500k	3
4.5M	5.725G	5.7295G	4.518M	5.72501G	5.729528G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

06/03/2019



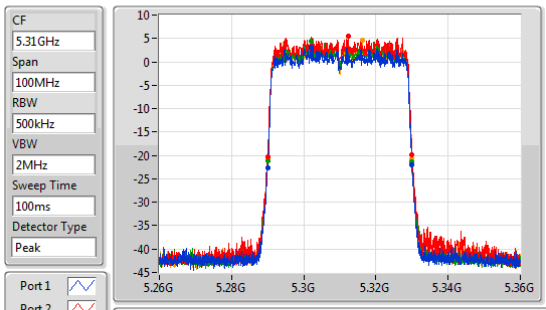


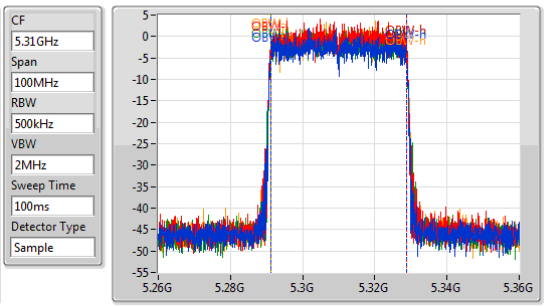
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.25005G	5.29G	37.531M	5.251209G	5.288741G	Inf	1
40.05M	5.24995G	5.29G	37.531M	5.251209G	5.288741G	Inf	2
40.1M	5.25G	5.2901G	37.531M	5.251159G	5.288691G	Inf	3
40.2M	5.2499G	5.2901G	37.631M	5.251109G	5.288741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

06/03/2019



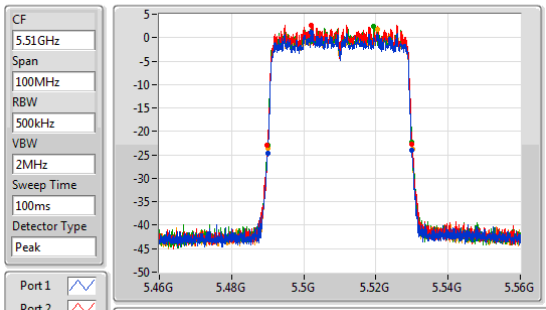


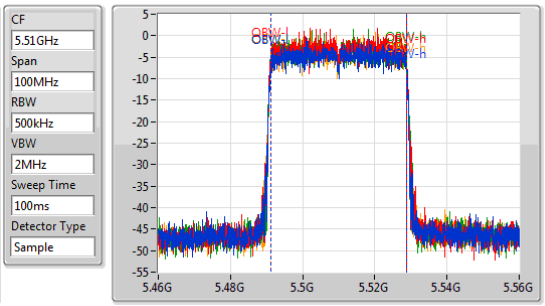
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.28995G	5.32995G	37.581M	5.291159G	5.328741G	Inf	1
40.1M	5.28995G	5.33005G	37.631M	5.291159G	5.328791G	Inf	2
40.1M	5.28995G	5.33005G	37.481M	5.291259G	5.328741G	Inf	3
39.9M	5.29G	5.3299G	37.581M	5.291159G	5.328741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

06/03/2019



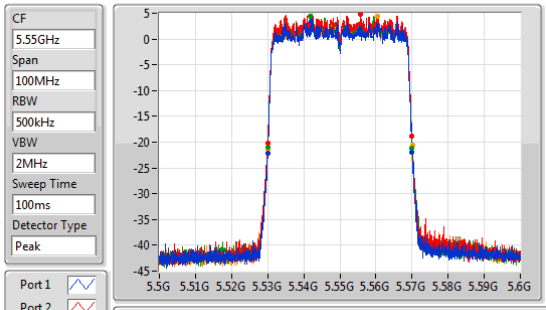


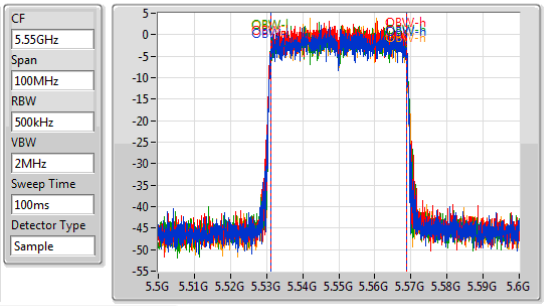
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.49G	5.53G	37.531M	5.491209G	5.528741G	Inf	1
40.1M	5.4899G	5.53G	37.481M	5.491209G	5.528691G	Inf	2
40M	5.48995G	5.52995G	37.481M	5.491209G	5.528691G	Inf	3
40.2M	5.48995G	5.53015G	37.581M	5.491159G	5.528741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

06/03/2019



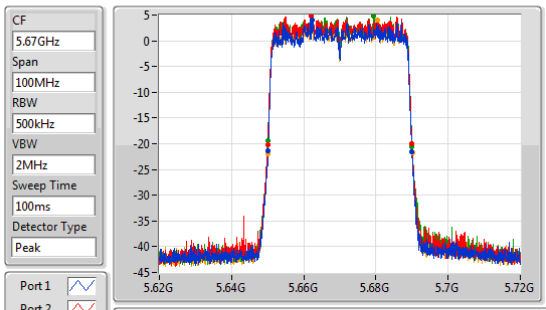


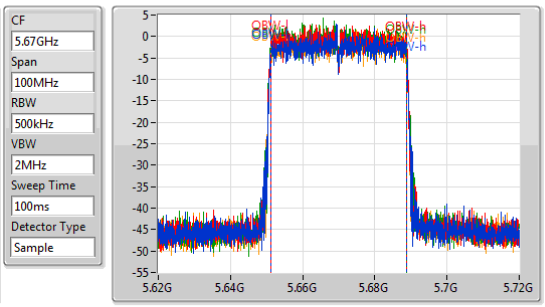
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.53G	5.57005G	37.581M	5.531159G	5.568741G	Inf	1
40M	5.52995G	5.56995G	37.531M	5.531259G	5.568791G	Inf	2
40.05M	5.52995G	5.57G	37.531M	5.531209G	5.568741G	Inf	3
40.1M	5.53G	5.5701G	37.581M	5.531159G	5.568741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

06/03/2019



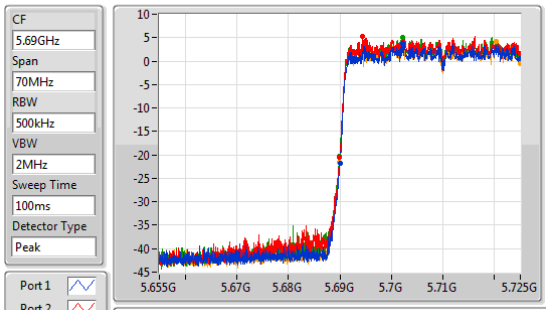


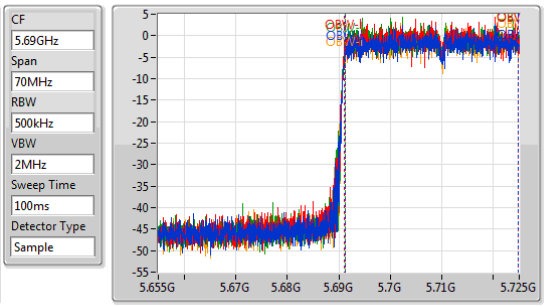
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.65005G	5.69G	37.481M	5.651259G	5.688741G	Inf	1
40.05M	5.64995G	5.69G	37.631M	5.651159G	5.688791G	Inf	2
40.1M	5.64995G	5.69005G	37.531M	5.651159G	5.688691G	Inf	3
40.15M	5.64995G	5.6901G	37.481M	5.651209G	5.688691G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

06/03/2019



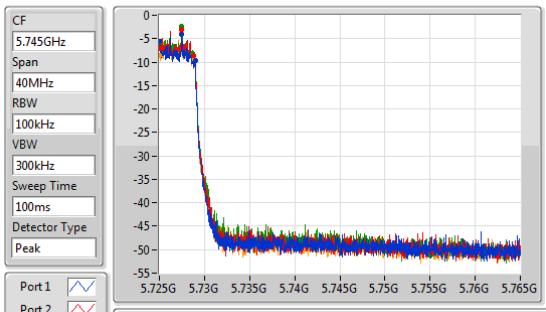


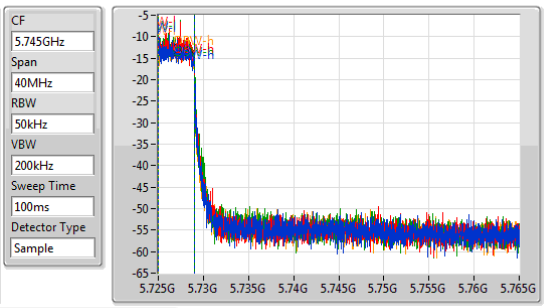
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.965M	5.690035G	5.725G	33.583M	5.691189G	5.724773G	Inf	1
35.07M	5.68993G	5.725G	33.653M	5.691154G	5.724808G	Inf	2
35.07M	5.68993G	5.725G	33.583M	5.691189G	5.724773G	Inf	3
35.07M	5.68993G	5.725G	33.583M	5.691189G	5.724773G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

06/03/2019



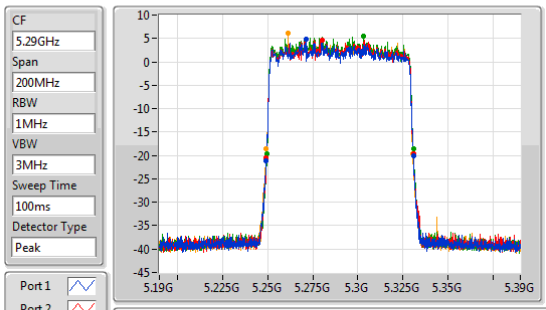


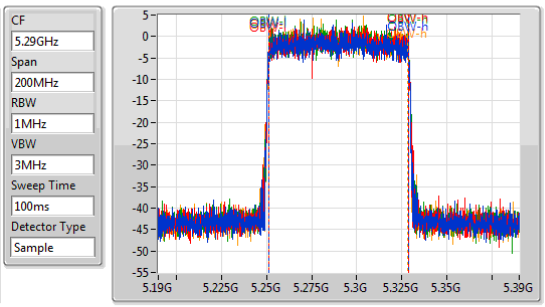
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	4.018M	5.72503G	5.729048G	500k	1
3.74M	5.725G	5.72874G	4.038M	5.72501G	5.729048G	500k	2
3.72M	5.725G	5.72872G	4.018M	5.72503G	5.729048G	500k	3
3.9M	5.725G	5.7289G	3.998M	5.72503G	5.729028G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

06/03/2019



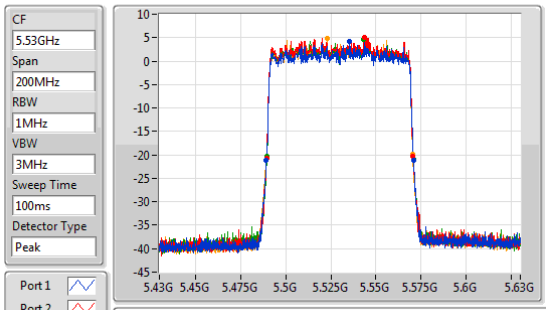


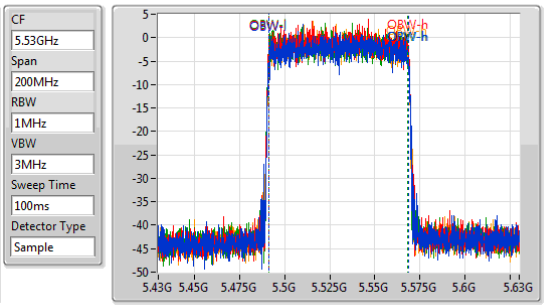
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.2491G	5.3308G	77.061M	5.251419G	5.328481G	Inf	1
81.4M	5.2493G	5.3307G	76.962M	5.251519G	5.328481G	Inf	2
81.2M	5.2496G	5.3308G	77.261M	5.251319G	5.328581G	Inf	3
81.2M	5.2493G	5.3305G	76.862M	5.251519G	5.328381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

06/03/2019



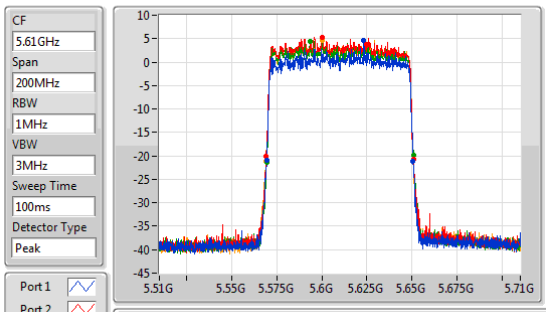


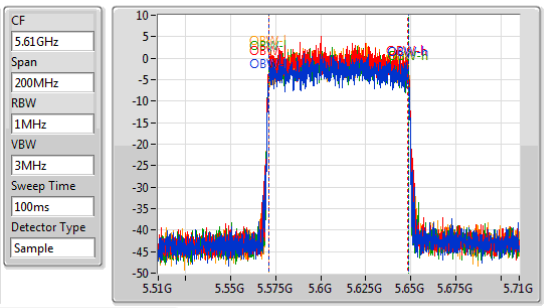
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.4892G	5.5709G	77.061M	5.491419G	5.568481G	Inf	1
81.2M	5.4894G	5.5706G	77.161M	5.491319G	5.568481G	Inf	2
81.3M	5.4896G	5.5709G	77.061M	5.491319G	5.568381G	Inf	3
81.4M	5.4891G	5.5705G	76.862M	5.491519G	5.568381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

06/03/2019



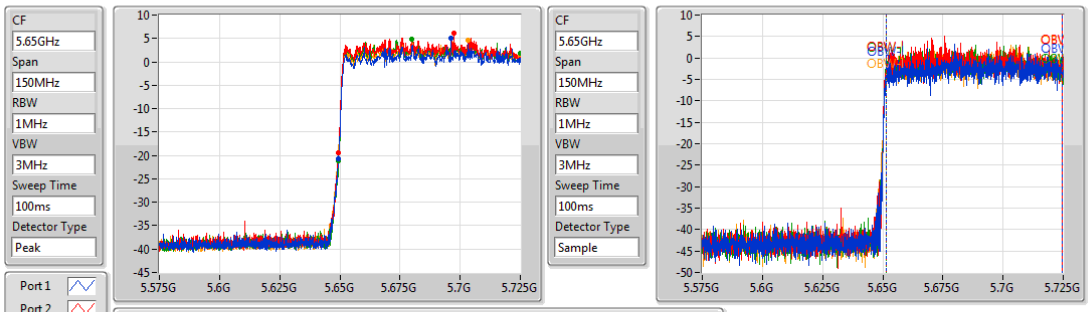


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.1M	5.5695G	5.6506G	77.061M	5.571419G	5.648481G	Inf	1
81.8M	5.5692G	5.651G	76.962M	5.571419G	5.648381G	Inf	2
81.4M	5.5694G	5.6508G	77.161M	5.571319G	5.648481G	Inf	3
81.5M	5.5691G	5.6506G	77.161M	5.571319G	5.648481G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX — EBW

5690MHz Straddle 5.47-5.725GHz

06/03/2019

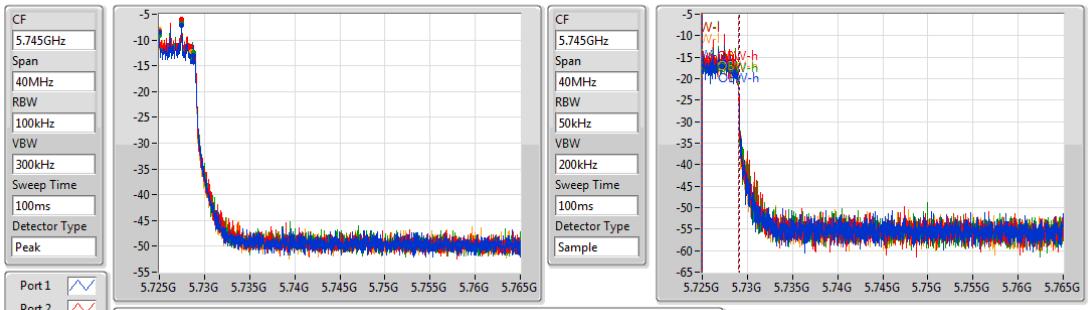


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.6494G	5.725G	73.238M	5.651349G	5.724588G	Inf	1
75.6M	5.6494G	5.725G	73.163M	5.651424G	5.724588G	Inf	2
75.45M	5.64955G	5.725G	73.163M	5.651274G	5.724438G	Inf	3
75.825M	5.649175G	5.725G	73.238M	5.651349G	5.724588G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

06/03/2019

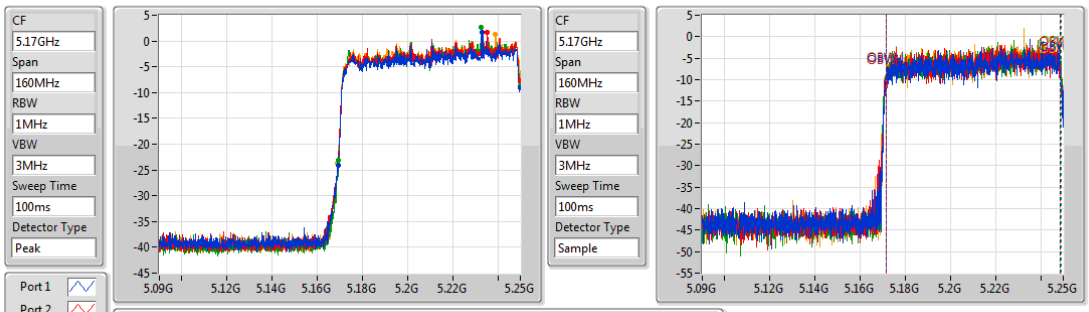


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.038M	5.72503G	5.729068G	500k	1
3.46M	5.725G	5.72846G	4.038M	5.72501G	5.729048G	500k	2
3.76M	5.725G	5.72876G	4.038M	5.72501G	5.729048G	500k	3
3.62M	5.725G	5.72862G	4.038M	5.72501G	5.729048G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.15-5.25GHz

06/03/2019

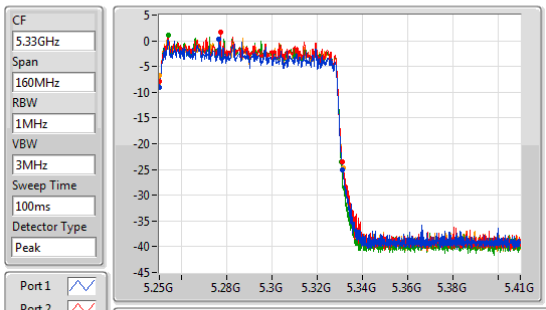


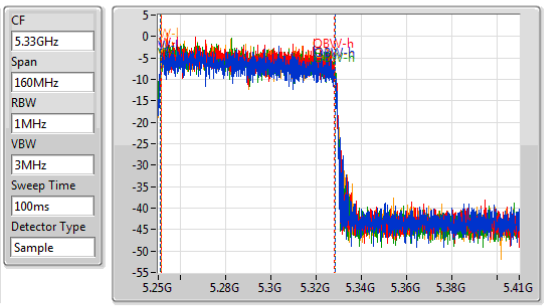
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.1692G	5.25G	77.001M	5.171679G	5.248681G	Inf	1
80.88M	5.16912G	5.25G	77.081M	5.171679G	5.248761G	Inf	2
80.72M	5.16928G	5.25G	77.241M	5.171679G	5.248921G	Inf	3
80.96M	5.16904G	5.25G	77.081M	5.171679G	5.248761G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.25-5.35GHz

06/03/2019



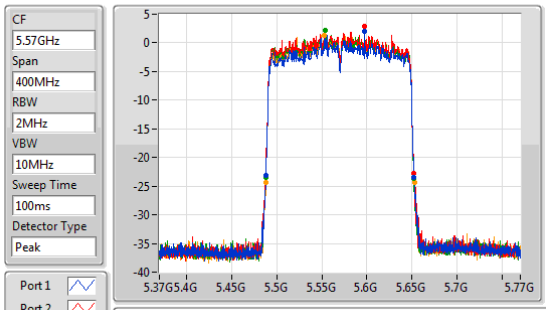


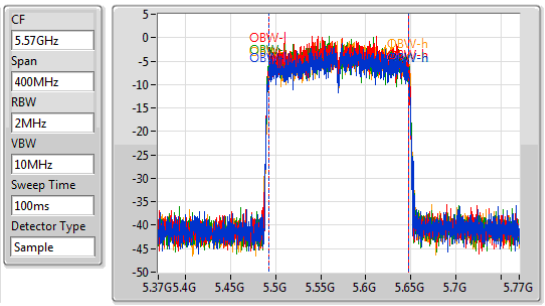
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.28M	5.25G	5.33128G	77.161M	5.251079G	5.328241G	Inf	1
81.04M	5.25G	5.33104G	76.922M	5.251239G	5.328161G	Inf	2
80.88M	5.25G	5.33088G	77.161M	5.251079G	5.328241G	Inf	3
81.36M	5.25G	5.33136G	77.161M	5.251159G	5.328321G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

5570MHz

06/03/2019





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	5.488G	5.6524G	155.322M	5.492239G	5.647561G	Inf	1
164.8M	5.4876G	5.6524G	154.923M	5.492639G	5.647561G	Inf	2
164M	5.4878G	5.6518G	155.522M	5.492039G	5.647561G	Inf	3
165M	5.4876G	5.6526G	155.722M	5.492239G	5.647961G	Inf	4

For Non-beamforming / 4T4S mode
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	81.52M	77.241M	77M2D1D	80.56M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.525M	18.991M	19M0D1D	21.375M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.3M	37.681M	37M7D1D	40.05M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	82M	76.962M	77M0D1D	81.4M	76.862M
802.11ax HEW160_Nss4,(MCS0)_4TX	82.32M	77.321M	77M3D1D	81.12M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.55M	18.991M	19M0D1D	15.93M	14.468M
802.11ax HEW40_Nss4,(MCS0)_4TX	45.045M	37.631M	37M6D1D	35.21M	33.653M
802.11ax HEW80_Nss4,(MCS0)_4TX	82M	77.261M	77M3D1D	75.525M	73.088M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.8M	155.322M	155MD1D	163.8M	154.523M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	4.5M	4.598M	4M60D1D	4.4M	4.518M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.88M	16.312M	16M3D1D	3.74M	4.438M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.92M	23.448M	23M4D1D	3.7M	10.935M

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

Result

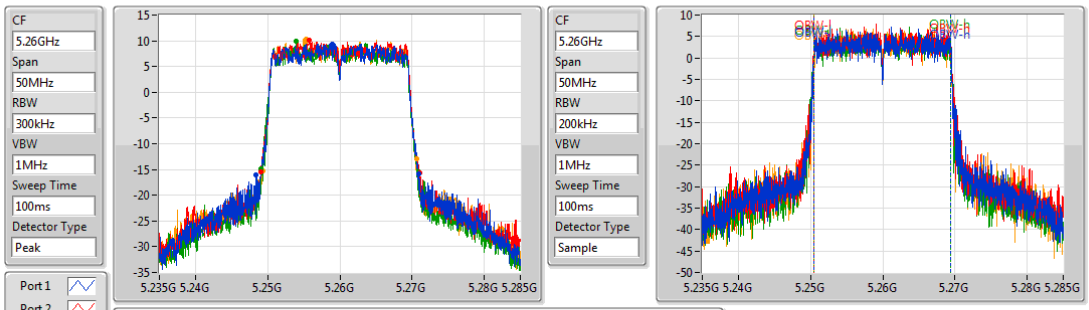
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.525M	18.966M	22.05M	18.991M	21.775M	18.966M	21.4M	18.941M
5300MHz	Pass	Inf	25.55M	18.966M	23.5M	18.991M	21.85M	18.991M	26.525M	18.941M
5320MHz	Pass	Inf	21.825M	18.941M	21.8M	18.991M	21.85M	18.941M	21.375M	18.991M
5500MHz	Pass	Inf	21.675M	18.966M	21.65M	18.966M	21.85M	18.991M	21.375M	18.941M
5580MHz	Pass	Inf	23.375M	18.966M	24.625M	18.991M	23.025M	18.941M	25.55M	18.991M
5700MHz	Pass	Inf	21.725M	18.966M	21.775M	18.991M	21.825M	18.916M	21.425M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.11M	14.498M	15.93M	14.498M	16.29M	14.468M	16.41M	14.528M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	4.518M	4.48M	4.598M	4.4M	4.578M	4.5M	4.558M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.25M	37.581M	40.2M	37.631M	40.1M	37.481M	40.2M	37.631M
5310MHz	Pass	Inf	40.3M	37.581M	40.05M	37.531M	40.1M	37.531M	40.2M	37.681M
5510MHz	Pass	Inf	40.2M	37.581M	40.25M	37.531M	40.15M	37.531M	40.2M	37.631M
5550MHz	Pass	Inf	40.1M	37.481M	40.05M	37.631M	40.05M	37.581M	40.2M	37.631M
5670MHz	Pass	Inf	40.2M	37.531M	40.3M	37.581M	40.1M	37.531M	40.2M	37.581M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	44.52M	33.793M	35.21M	33.793M	45.045M	33.723M	39.725M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	16.312M	3.74M	4.438M	3.8M	12.534M	3.86M	12.354M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.4M	76.862M	81.7M	76.962M	81.8M	76.962M	82M	76.862M
5530MHz	Pass	Inf	81.5M	76.962M	81.6M	77.061M	81.7M	77.161M	82M	77.261M
5610MHz	Pass	Inf	81.3M	76.962M	81.5M	77.061M	81.7M	76.962M	81.9M	77.061M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.525M	73.238M	75.9M	73.238M	76.05M	73.238M	75.675M	73.088M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	23.448M	3.76M	14.453M	3.92M	16.252M	3.74M	10.935M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.161M	81.52M	77.241M	80.56M	77.241M	80.88M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.32M	77.161M	81.28M	77.321M	82.16M	77.161M	81.12M	77.161M
5570MHz	Pass	Inf	165.8M	155.322M	163.8M	155.122M	164.6M	155.122M	164.8M	154.523M

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

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5260MHz

07/03/2019

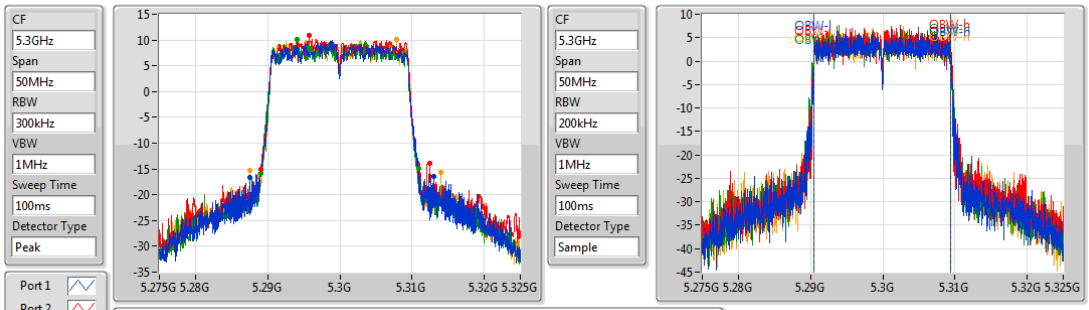


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.525M	5.2484G	5.270925G	18.966M	5.25048G	5.269445G	Inf	1
22.05M	5.24905G	5.2711G	18.991M	5.25048G	5.26947G	Inf	2
21.775M	5.249125G	5.2709G	18.966M	5.25048G	5.269445G	Inf	3
21.4M	5.2493G	5.2707G	18.941M	5.25048G	5.26942G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5300MHz

07/03/2019

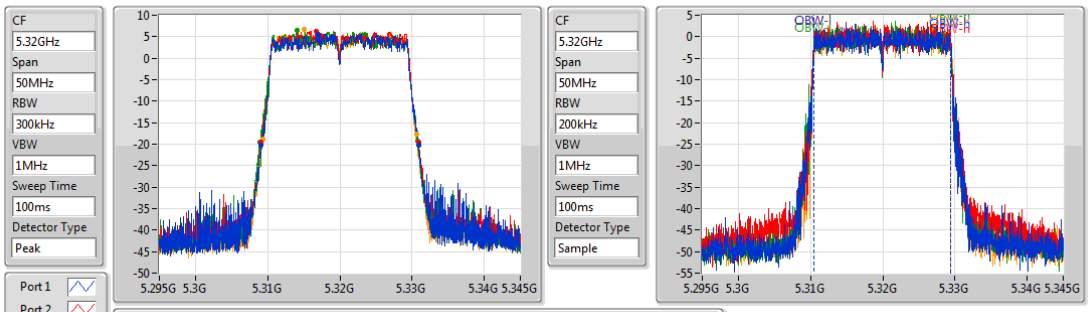


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.55M	5.287525G	5.313075G	18.966M	5.29048G	5.309445G	Inf	1
23.5M	5.289025G	5.312525G	18.991M	5.290455G	5.309445G	Inf	2
21.85M	5.28905G	5.3109G	18.991M	5.290455G	5.309445G	Inf	3
26.525M	5.287475G	5.314G	18.941M	5.29048G	5.30942G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5320MHz

07/03/2019

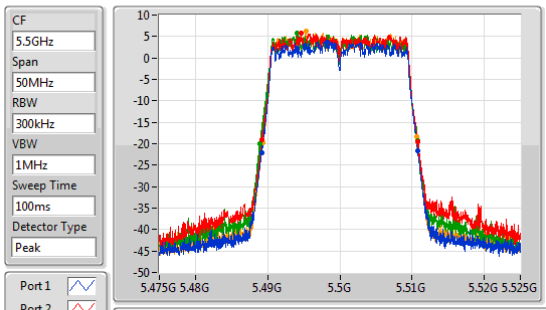


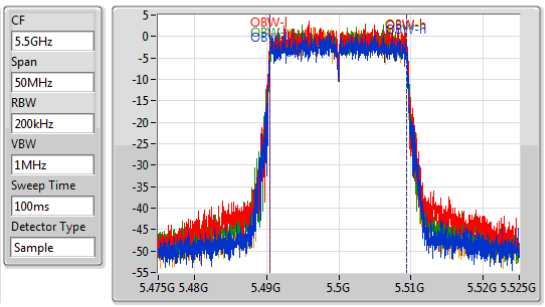
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.3091G	5.330925G	18.941M	5.310505G	5.329445G	Inf	1
21.8M	5.309075G	5.330875G	18.991M	5.310455G	5.329445G	Inf	2
21.85M	5.308925G	5.330775G	18.941M	5.31048G	5.32942G	Inf	3
21.375M	5.309325G	5.3307G	18.991M	5.310455G	5.329445G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5500MHz

07/03/2019



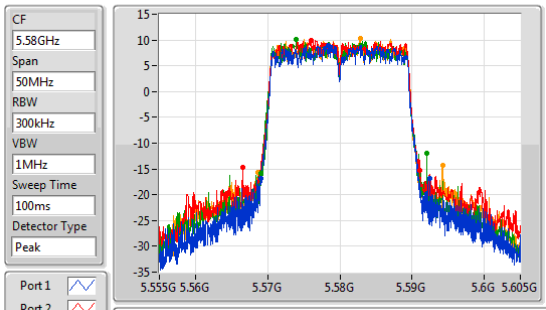


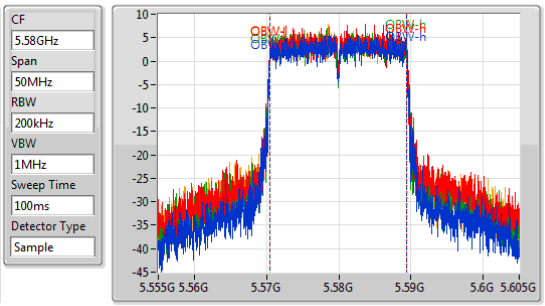
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.48915G	5.510825G	18.966M	5.49048G	5.509445G	Inf	1
21.65M	5.489175G	5.510825G	18.966M	5.49048G	5.509445G	Inf	2
21.85M	5.4889G	5.51075G	18.991M	5.490455G	5.509445G	Inf	3
21.375M	5.4893G	5.510675G	18.941M	5.49048G	5.50942G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5580MHz

07/03/2019



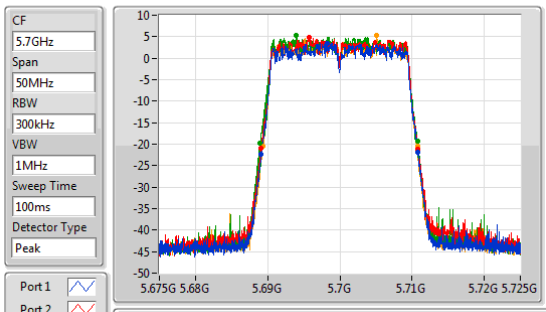


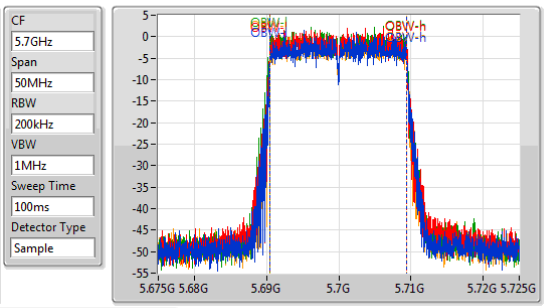
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.375M	5.569025G	5.5924G	18.966M	5.57048G	5.589445G	Inf	1
24.625M	5.5665G	5.591125G	18.991M	5.570455G	5.589445G	Inf	2
23.025M	5.56905G	5.592075G	18.941M	5.57048G	5.58942G	Inf	3
25.55M	5.568675G	5.594225G	18.991M	5.57048G	5.58947G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5700MHz

07/03/2019



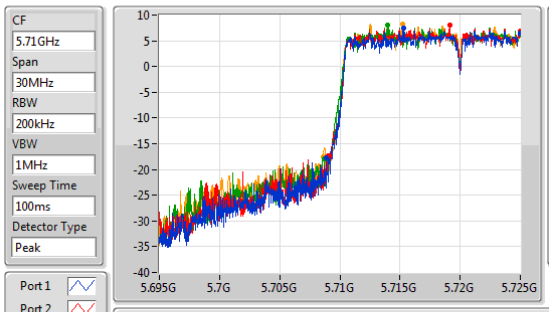


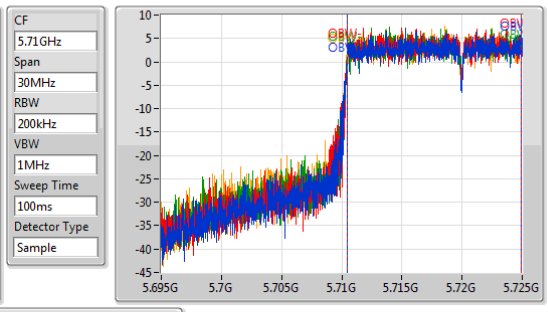
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.689125G	5.71085G	18.966M	5.690455G	5.70942G	Inf	1
21.775M	5.689075G	5.71085G	18.991M	5.690455G	5.709445G	Inf	2
21.825M	5.68895G	5.710775G	18.916M	5.69048G	5.709395G	Inf	3
21.425M	5.68935G	5.710775G	18.941M	5.69048G	5.70942G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX — EBW

5720MHz Straddle 5.47-5.725GHz

07/03/2019



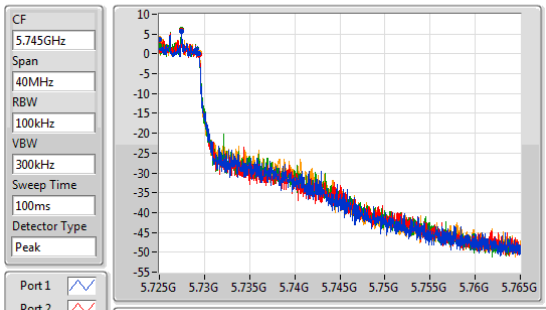


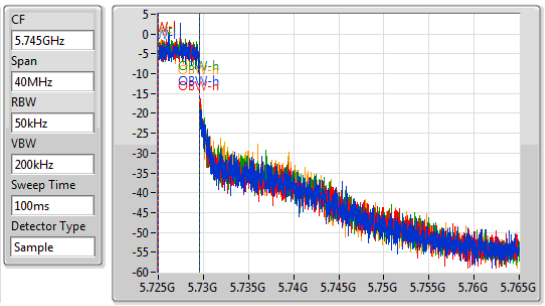
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.11M	5.70889G	5.725G	14.498M	5.710435G	5.724933G	Inf	1
15.93M	5.70907G	5.725G	14.498M	5.710435G	5.724933G	Inf	2
16.29M	5.70871G	5.725G	14.468M	5.710435G	5.724903G	Inf	3
16.41M	5.70859G	5.725G	14.528M	5.71042G	5.724948G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX — EBW

5720MHz Straddle 5.725-5.85GHz

07/03/2019



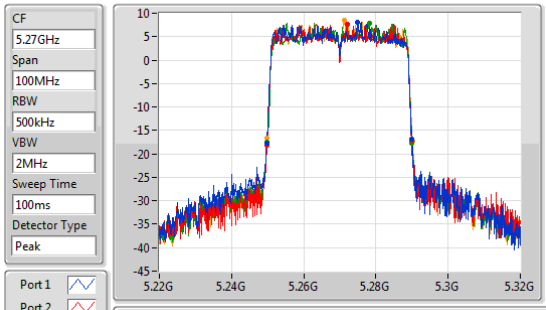


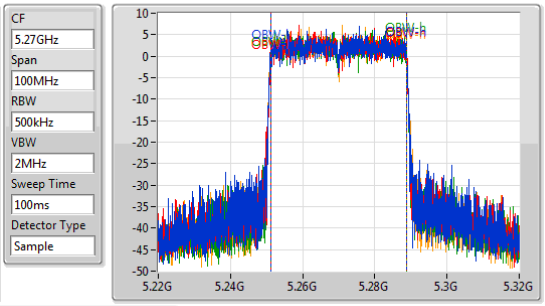
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.4M	5.725G	5.7294G	4.518M	5.72503G	5.729548G	500k	1
4.48M	5.725G	5.72948G	4.598M	5.72501G	5.729608G	500k	2
4.4M	5.725G	5.7294G	4.578M	5.72503G	5.729608G	500k	3
4.5M	5.725G	5.7295G	4.558M	5.72503G	5.729588G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX — EBW

5270MHz

07/03/2019



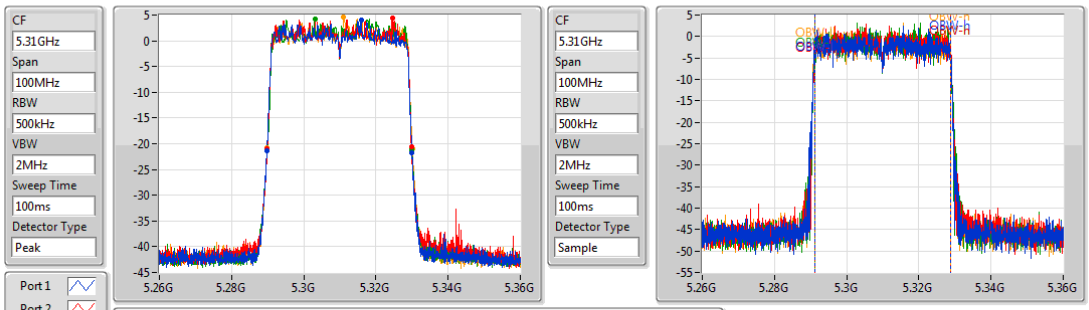


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.24975G	5.29G	37.581M	5.251109G	5.288691G	Inf	1
40.2M	5.2498G	5.29G	37.631M	5.251159G	5.288791G	Inf	2
40.1M	5.2499G	5.29G	37.481M	5.251209G	5.288691G	Inf	3
40.2M	5.2499G	5.2901G	37.631M	5.251109G	5.288741G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5310MHz

07/03/2019

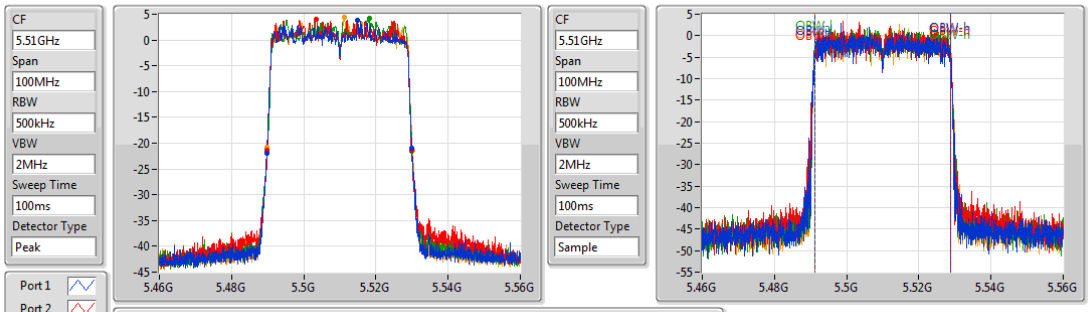


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.3M	5.28975G	5.33005G	37.581M	5.291109G	5.328691G	Inf	1
40.05M	5.28985G	5.3299G	37.531M	5.291209G	5.328741G	Inf	2
40.1M	5.2899G	5.33G	37.531M	5.291209G	5.328741G	Inf	3
40.2M	5.2899G	5.3301G	37.681M	5.291109G	5.328791G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5510MHz

07/03/2019

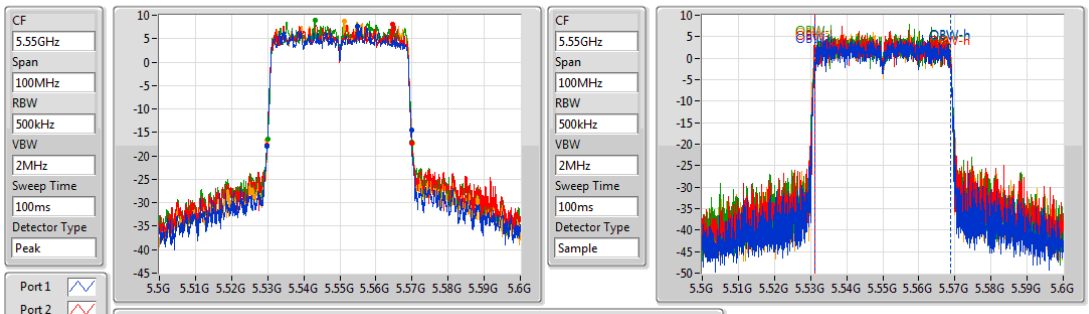


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.4898G	5.53G	37.581M	5.491159G	5.528741G	Inf	1
40.25M	5.4898G	5.53005G	37.531M	5.491159G	5.528691G	Inf	2
40.15M	5.48985G	5.53G	37.531M	5.491159G	5.528691G	Inf	3
40.2M	5.4899G	5.5301G	37.631M	5.491159G	5.528791G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5550MHz

07/03/2019

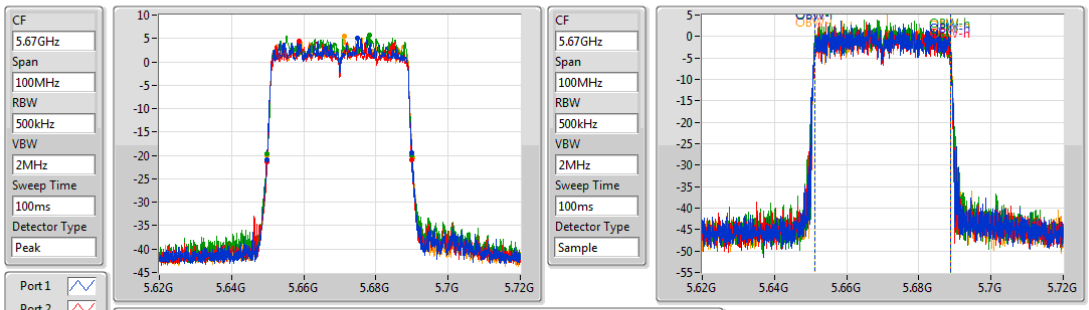


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.5298G	5.5699G	37.481M	5.531209G	5.568691G	Inf	1
40.05M	5.5298G	5.56985G	37.631M	5.531059G	5.568691G	Inf	2
40.05M	5.52995G	5.57G	37.581M	5.531159G	5.568741G	Inf	3
40.2M	5.5299G	5.5701G	37.631M	5.531109G	5.568741G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5670MHz

07/03/2019

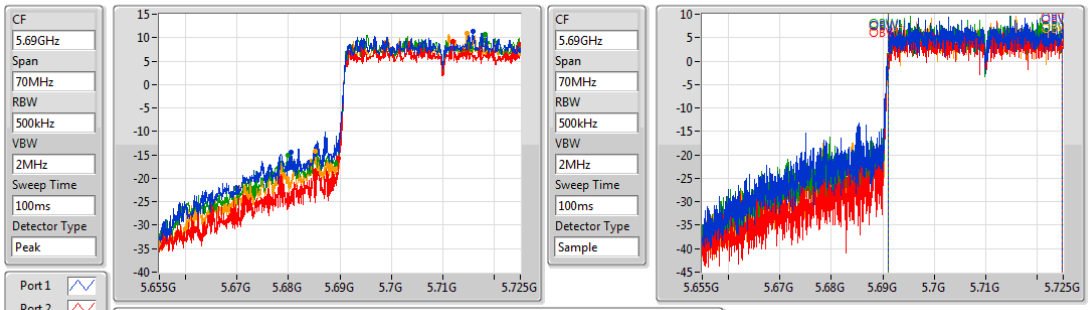


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.64975G	5.68995G	37.531M	5.651159G	5.688691G	Inf	1
40.3M	5.64975G	5.69005G	37.581M	5.651109G	5.688691G	Inf	2
40.1M	5.6499G	5.69G	37.531M	5.651159G	5.688691G	Inf	3
40.2M	5.6499G	5.6901G	37.581M	5.651209G	5.688791G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

07/03/2019

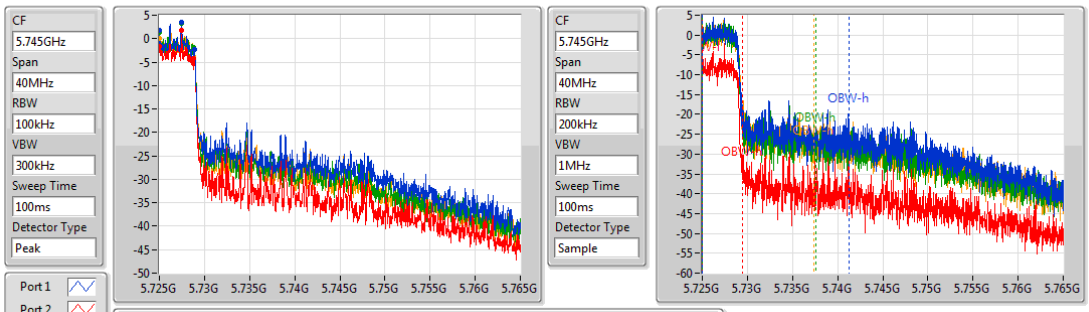


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.52M	5.68048G	5.725G	33.793M	5.691049G	5.724843G	Inf	1
35.21M	5.68979G	5.725G	33.793M	5.691084G	5.724878G	Inf	2
45.045M	5.679955G	5.725G	33.723M	5.691049G	5.724773G	Inf	3
39.725M	5.685275G	5.725G	33.653M	5.691119G	5.724773G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

07/03/2019

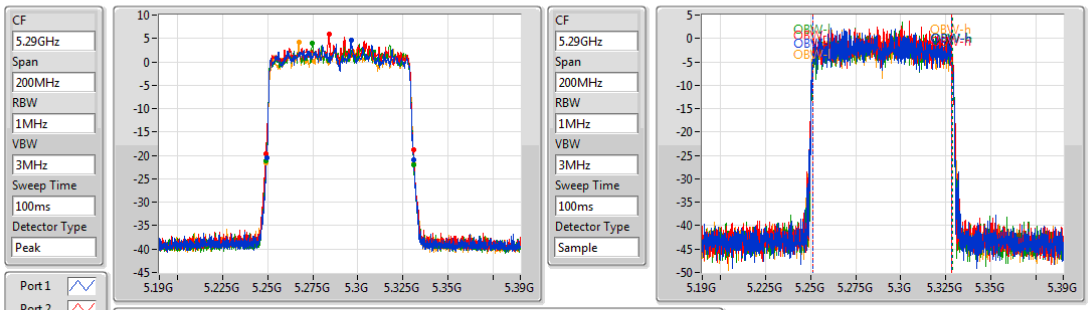


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	16.312M	5.72501G	5.741322G	500k	1
3.74M	5.725G	5.72874G	4.438M	5.72501G	5.729448G	500k	2
3.8M	5.725G	5.7288G	12.534M	5.72501G	5.737544G	500k	3
3.86M	5.725G	5.72886G	12.354M	5.72501G	5.737364G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5290MHz

07/03/2019

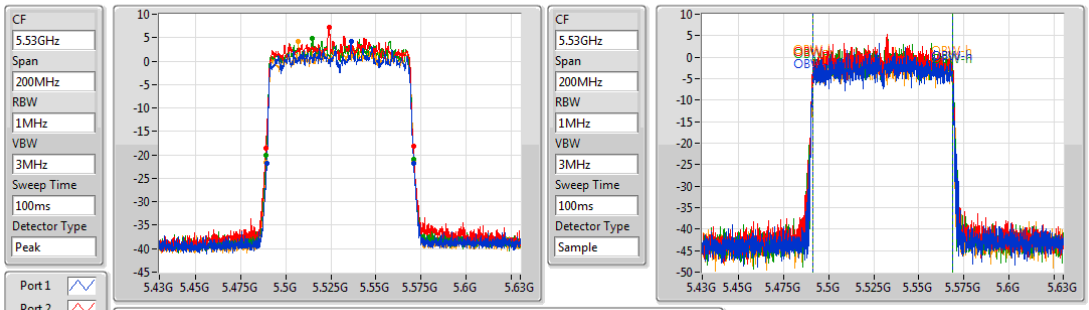


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.2495G	5.3309G	76.862M	5.251419G	5.328281G	Inf	1
81.7M	5.249G	5.3307G	76.962M	5.251419G	5.328381G	Inf	2
81.8M	5.2491G	5.3309G	76.962M	5.251519G	5.328481G	Inf	3
82M	5.2491G	5.3311G	76.862M	5.251519G	5.328381G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5530MHz

07/03/2019

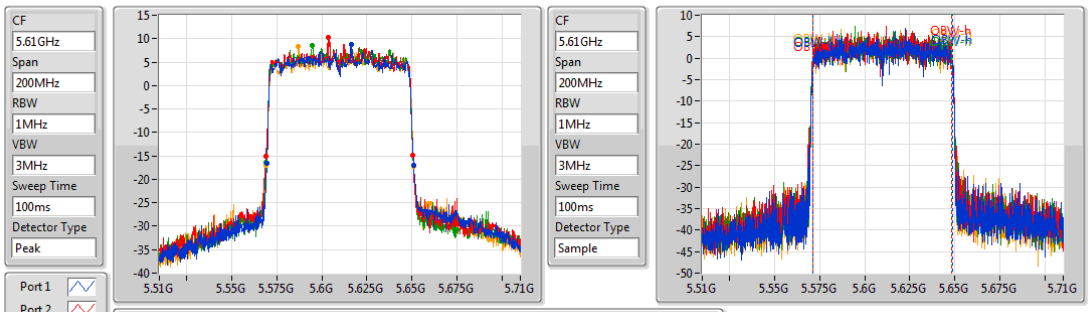


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.4895G	5.571G	76.962M	5.491519G	5.568481G	Inf	1
81.6M	5.4891G	5.5707G	77.061M	5.491419G	5.568481G	Inf	2
81.7M	5.4891G	5.5708G	77.161M	5.491319G	5.568481G	Inf	3
82M	5.4892G	5.5712G	77.261M	5.491319G	5.568581G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5610MHz

07/03/2019

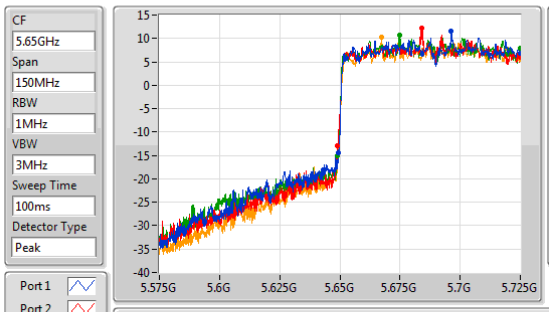


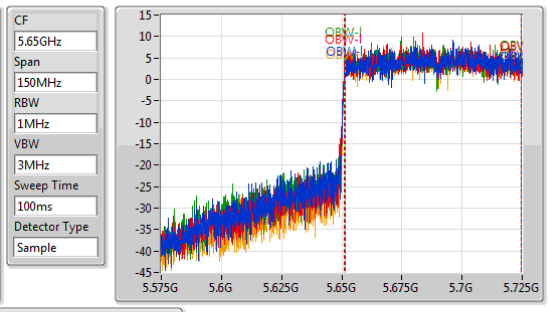
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.3M	5.5696G	5.6509G	76.962M	5.571519G	5.648481G	Inf	1
81.5M	5.5691G	5.6506G	77.061M	5.571319G	5.648381G	Inf	2
81.7M	5.5691G	5.6508G	76.962M	5.571419G	5.648381G	Inf	3
81.9M	5.5692G	5.6511G	77.061M	5.571419G	5.648481G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX — EBW

5690MHz Straddle 5.47-5.725GHz

07/03/2019



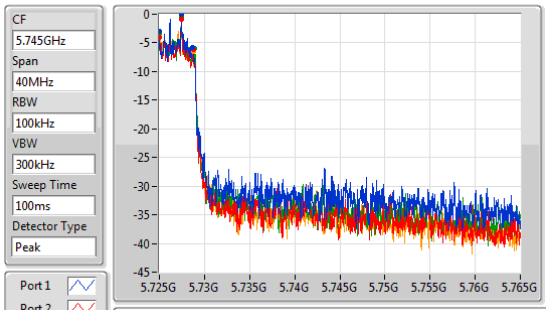


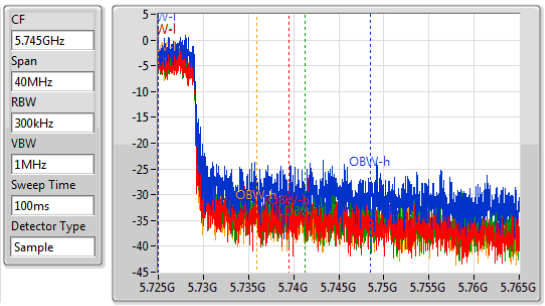
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.525M	5.649475G	5.725G	73.238M	5.651349G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	73.238M	5.651199G	5.724438G	Inf	2
76.05M	5.64895G	5.725G	73.238M	5.651199G	5.724438G	Inf	3
75.675M	5.649325G	5.725G	73.088M	5.651349G	5.724438G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

07/03/2019



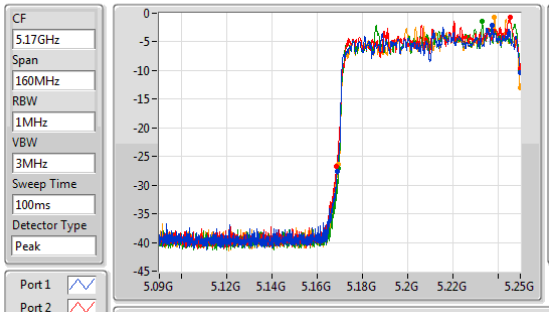


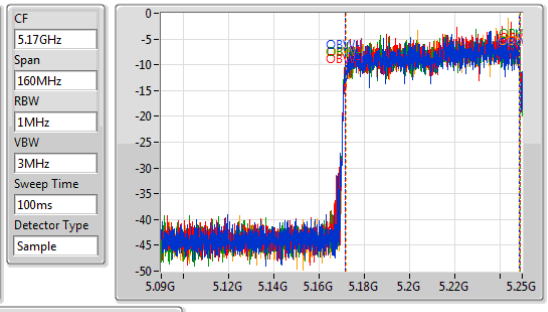
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.7M	5.725G	5.7287G	23.448M	5.72501G	5.748458G	500k	1
3.76M	5.725G	5.72876G	14.453M	5.72501G	5.739463G	500k	2
3.92M	5.725G	5.72892G	16.252M	5.72501G	5.741262G	500k	3
3.74M	5.725G	5.72874G	10.935M	5.72503G	5.735965G	500k	4

802.11ax HEW160_Nss4,(MCS0)_4TX — EBW

5250MHz Straddle 5.15-5.25GHz

07/03/2019



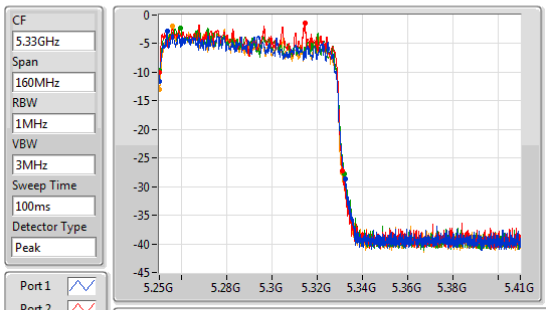


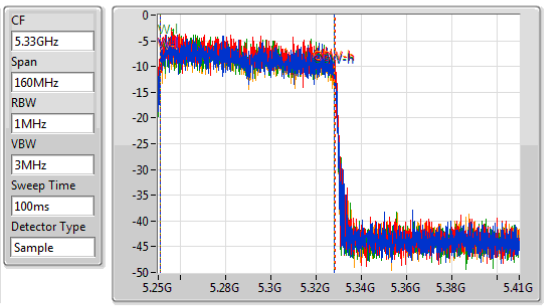
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.28M	5.16872G	5.25G	77.161M	5.171599G	5.248761G	Inf	1
81.52M	5.16848G	5.25G	77.241M	5.171679G	5.248921G	Inf	2
80.56M	5.16944G	5.25G	77.241M	5.171679G	5.248921G	Inf	3
80.88M	5.16912G	5.25G	77.001M	5.171839G	5.248841G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX **EBW**

5250MHz Straddle 5.25-5.35GHz

07/03/2019



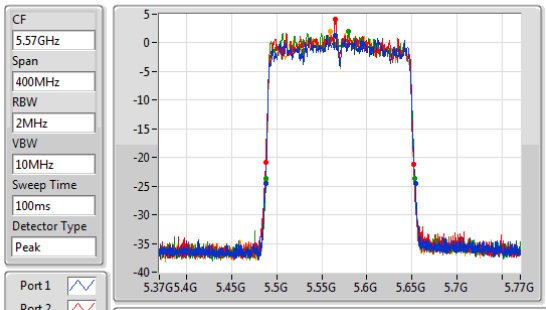


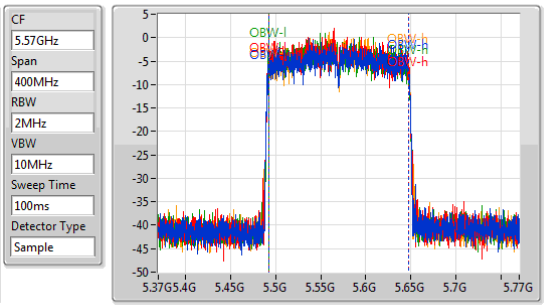
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.25G	5.33232G	77.161M	5.251G	5.328161G	Inf	1
81.28M	5.25G	5.33128G	77.321M	5.25092G	5.328241G	Inf	2
82.16M	5.25G	5.33216G	77.161M	5.251G	5.328161G	Inf	3
81.12M	5.25G	5.33112G	77.161M	5.251G	5.328161G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX **EBW**

5570MHz

07/03/2019





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.8M	5.4878G	5.6536G	155.322M	5.492239G	5.647561G	Inf	1
163.8M	5.4878G	5.6516G	155.122M	5.492239G	5.647361G	Inf	2
164.6M	5.4882G	5.6528G	155.122M	5.492039G	5.647161G	Inf	3
164.8M	5.4878G	5.6526G	154.523M	5.492639G	5.647161G	Inf	4

Mode 3: (Ant. 11 Panel antenna / 8.7 dBi)
For Non-beamforming / 1T1S mode
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	80.96M	77.241M	77M2D1D	80.96M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	27.325M	16.692M	16M7D1D	27M	16.567M
802.11ax HEW20_Nss1,(MCS0)_1TX	36.525M	19.015M	19M0D1D	26.175M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	44.4M	37.631M	37M6D1D	39.9M	37.581M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.7M	76.862M	76M9D1D	81.7M	76.862M
802.11ax HEW160_Nss1,(MCS0)_1TX	81.12M	77.081M	77M1D1D	81.12M	77.081M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	43.4M	18.441M	18M4D1D	21.3M	14.543M
802.11ax HEW20_Nss1,(MCS0)_1TX	41.4M	19.515M	19M5D1D	21.725M	14.603M
802.11ax HEW40_Nss1,(MCS0)_1TX	58.3M	37.731M	37M7D1D	39.95M	34.248M
802.11ax HEW80_Nss1,(MCS0)_1TX	95.5M	77.161M	77M2D1D	81.6M	73.388M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.4M	155.122M	155MD1D	164.4M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.12M	10.475M	10M5D1D	3.12M	10.475M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.48M	11.014M	11M0D1D	4.48M	11.014M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.98M	25.487M	25M5D1D	3.98M	25.487M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.78M	33.523M	33M5D1D	3.78M	33.523M

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

Result

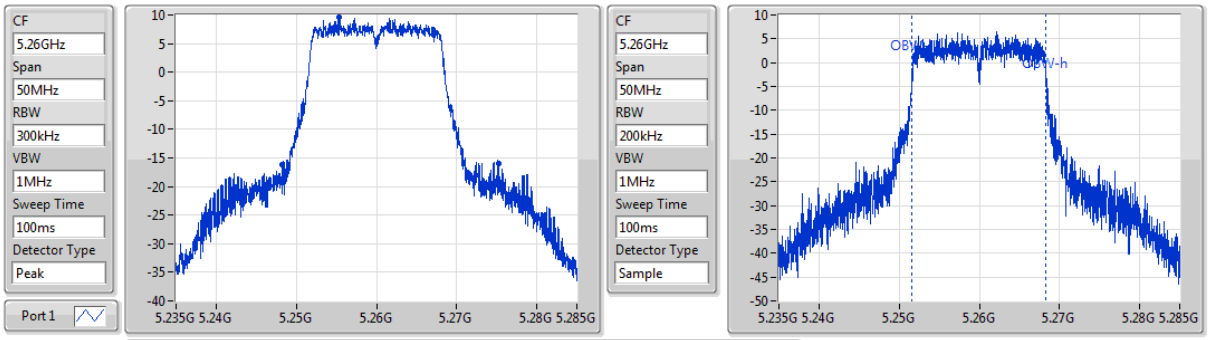
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	27M	16.692M
5300MHz	Pass	Inf	27.325M	16.642M
5320MHz	Pass	Inf	27.1M	16.567M
5500MHz	Pass	Inf	21.525M	16.567M
5580MHz	Pass	Inf	43.4M	18.441M
5700MHz	Pass	Inf	21.3M	16.542M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.915M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	10.475M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	28.025M	18.966M
5300MHz	Pass	Inf	36.525M	19.015M
5320MHz	Pass	Inf	26.175M	18.966M
5500MHz	Pass	Inf	21.825M	18.941M
5580MHz	Pass	Inf	41.4M	19.515M
5700MHz	Pass	Inf	21.725M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.59M	14.603M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	11.014M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	44.4M	37.631M
5310MHz	Pass	Inf	39.9M	37.581M
5510MHz	Pass	Inf	39.95M	37.681M
5550MHz	Pass	Inf	58.3M	37.731M
5670MHz	Pass	Inf	40M	37.631M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	54.32M	34.248M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	25.487M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	81.7M	76.862M
5530MHz	Pass	Inf	81.6M	76.962M
5610MHz	Pass	Inf	95.5M	77.161M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	91.875M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	33.523M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.12M	77.081M
5570MHz	Pass	Inf	164.4M	155.122M

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

802.11a_Nss1,(6Mbps)_1TX **EBW**

5260MHz

05/03/2019

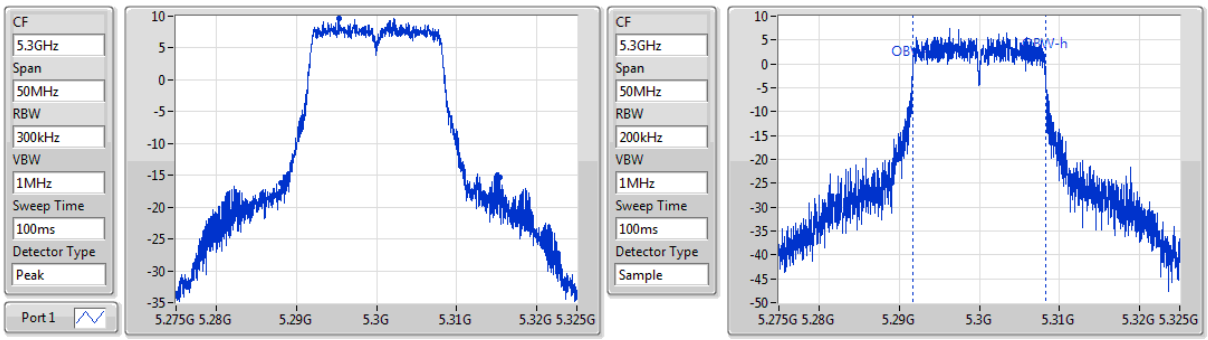


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27M	5.2483G	5.2753G	16.692M	5.251629G	5.268321G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5300MHz

05/03/2019

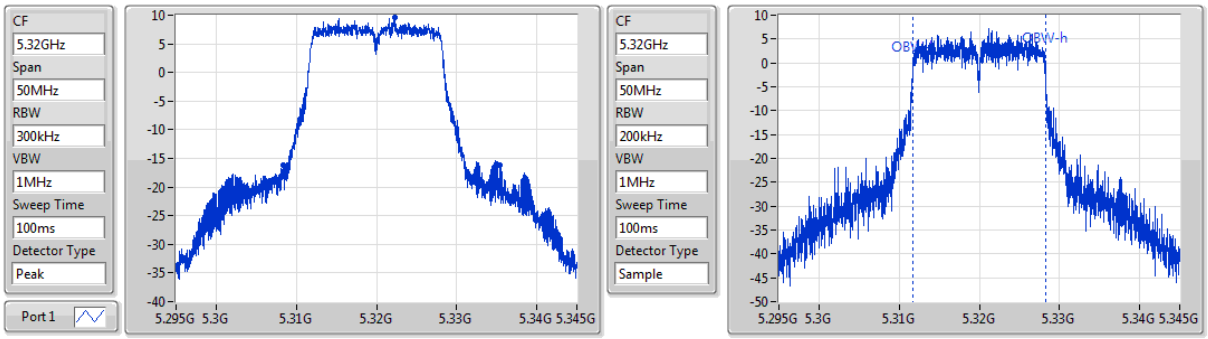


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.325M	5.288125G	5.31545G	16.642M	5.291654G	5.308296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5320MHz

05/03/2019

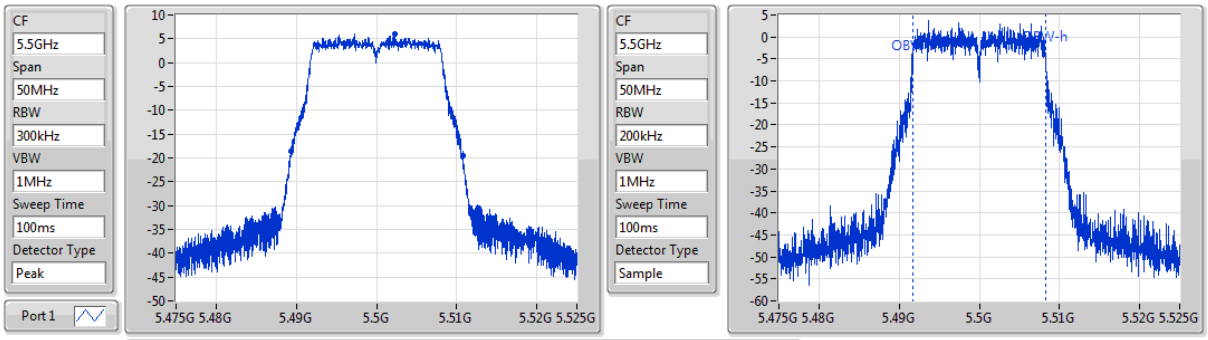


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.1M	5.308325G	5.335425G	16.567M	5.311679G	5.328246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

05/03/2019

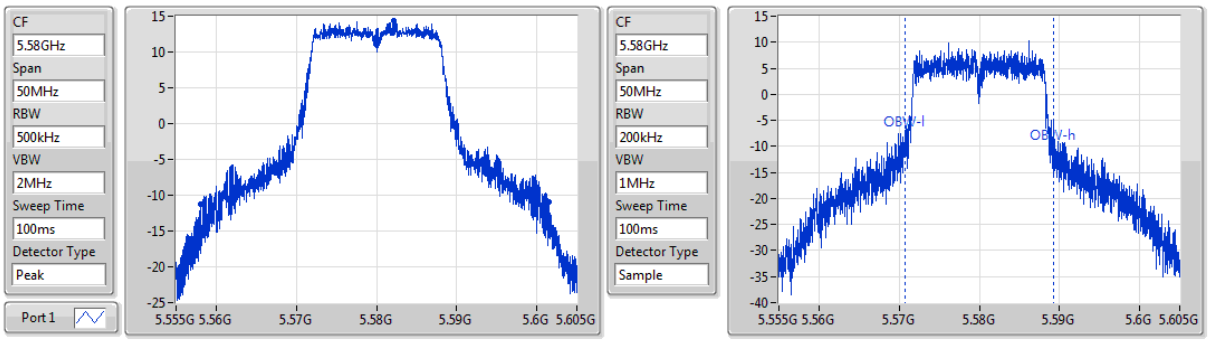


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.4893G	5.510825G	16.567M	5.491679G	5.508246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

05/03/2019

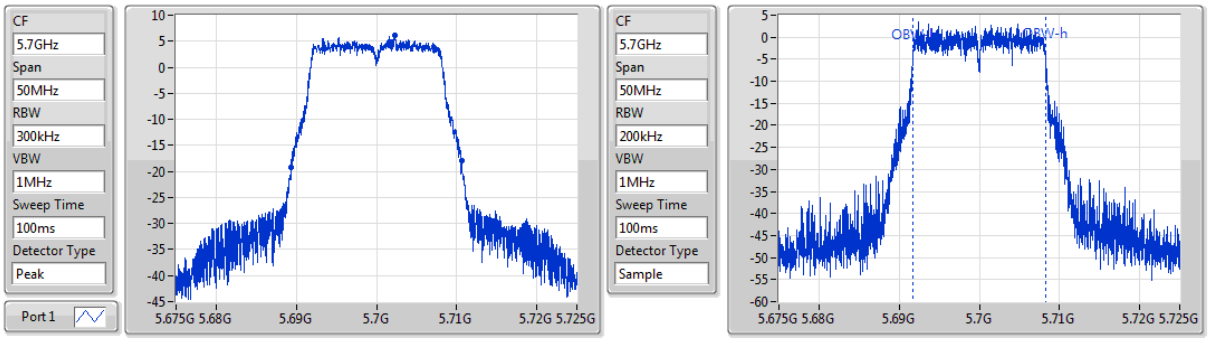


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.4M	5.5581G	5.6015G	18.441M	5.570755G	5.589195G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

05/03/2019

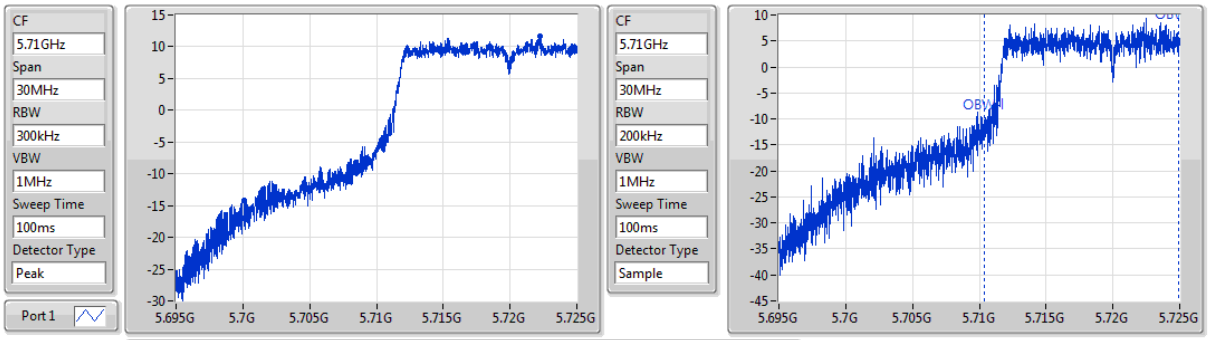


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.689325G	5.710625G	16.542M	5.691729G	5.708271G	Inf	1

802.11a_Nss1,(6Mbps)_1TX — EBW

5720MHz Straddle 5.47-5.725GHz

05/03/2019

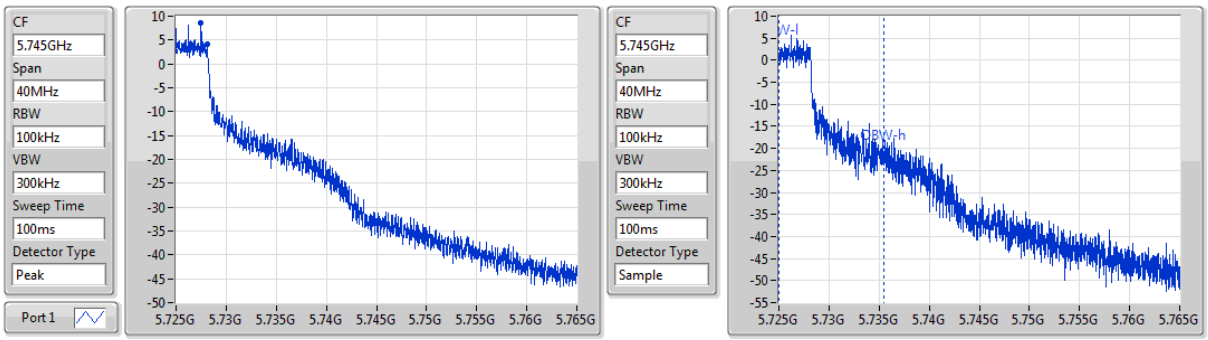


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.915M	5.700085G	5.725G	14.543M	5.710405G	5.724948G	Inf	1

802.11a_Nss1,(6Mbps)_1TX — EBW

5720MHz Straddle 5.725-5.85GHz

05/03/2019

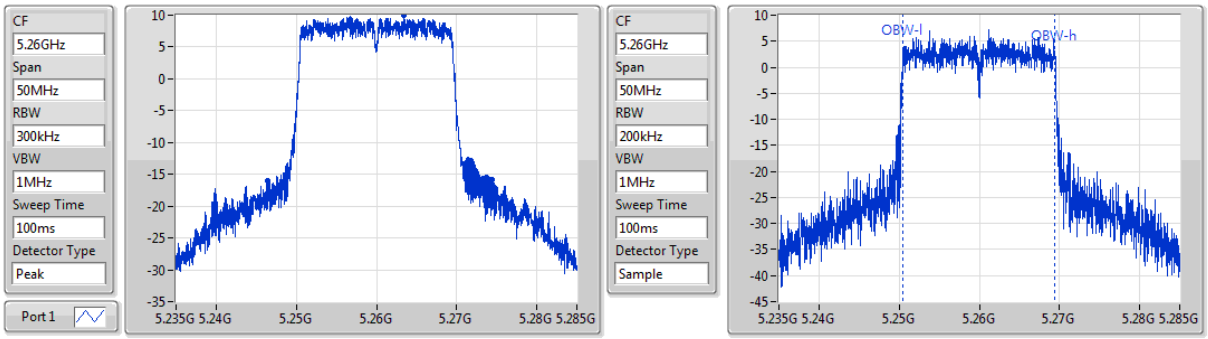


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	10.475M	5.72501G	5.735485G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX — EBW

5260MHz

05/03/2019

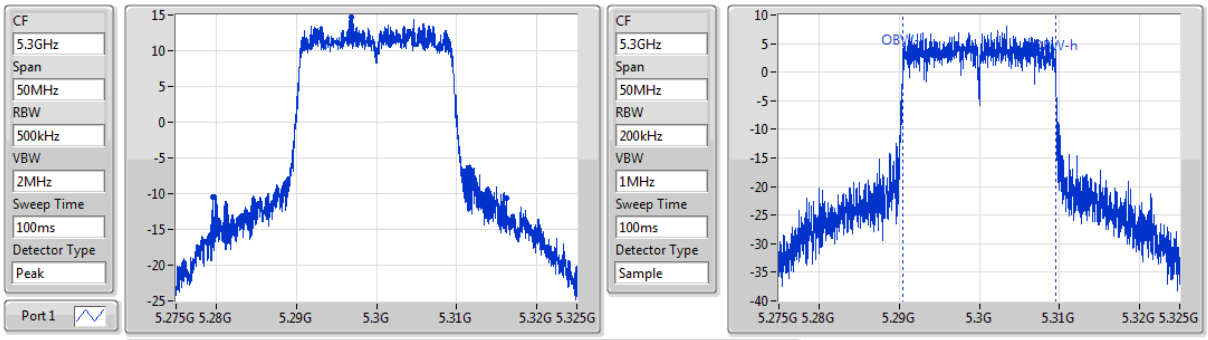


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.025M	5.246375G	5.2744G	18.966M	5.25048G	5.269445G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5300MHz

05/03/2019

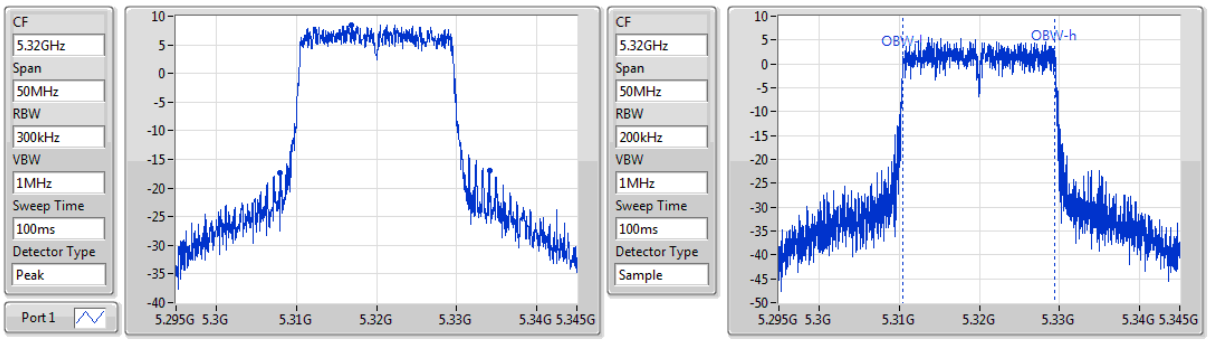


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.525M	5.27965G	5.316175G	19.015M	5.29048G	5.309495G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5320MHz

05/03/2019

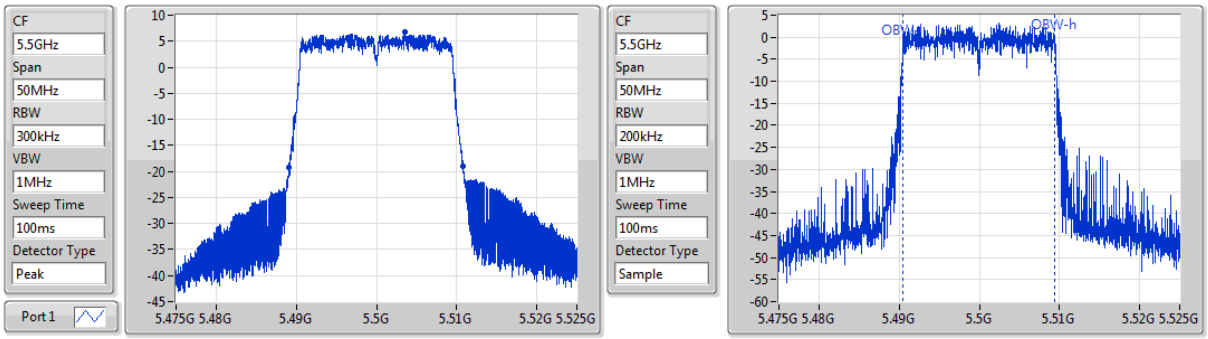


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.175M	5.308G	5.334175G	18.966M	5.310505G	5.32947G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5500MHz

05/03/2019

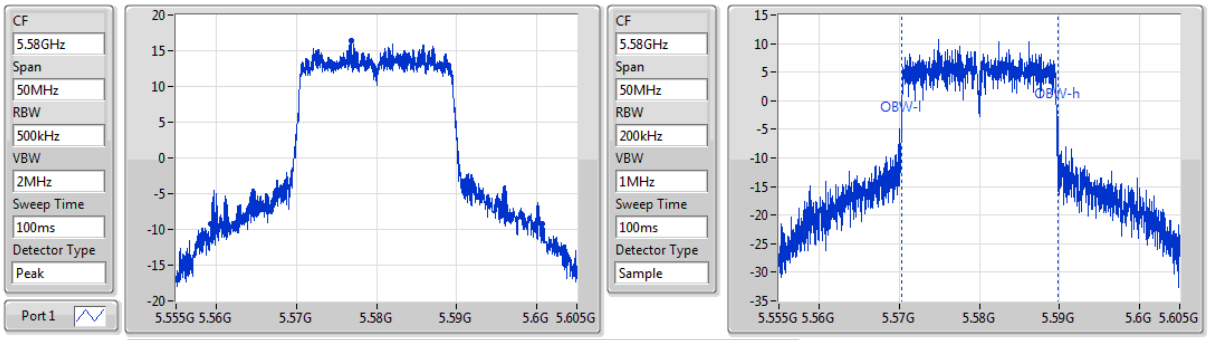


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.489025G	5.51085G	18.941M	5.490505G	5.509445G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5580MHz

05/03/2019

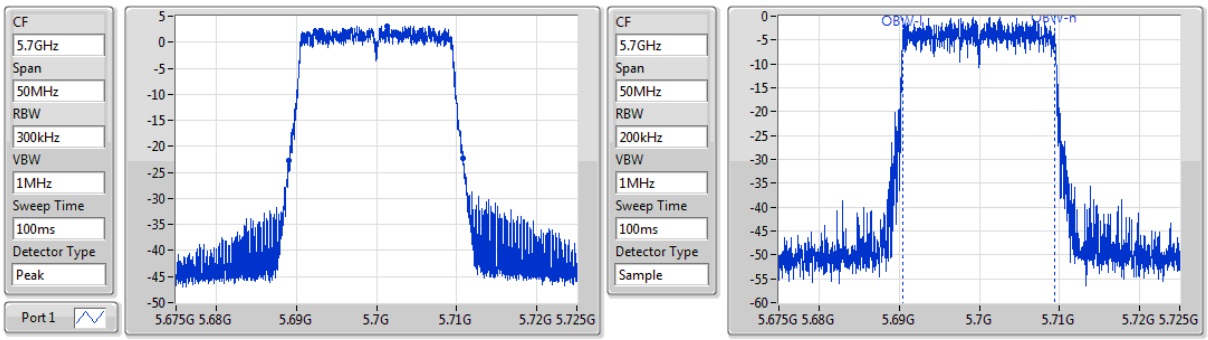


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.4M	5.5593G	5.6007G	19.515M	5.570305G	5.58982G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5700MHz

05/03/2019

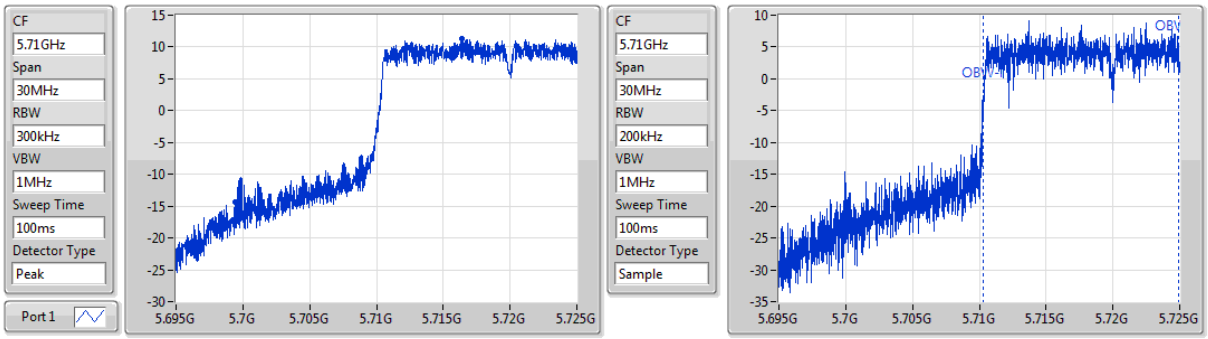


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.6891G	5.710825G	18.966M	5.69048G	5.709445G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

05/03/2019

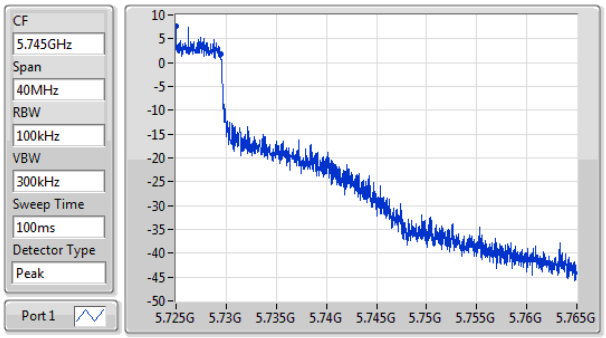


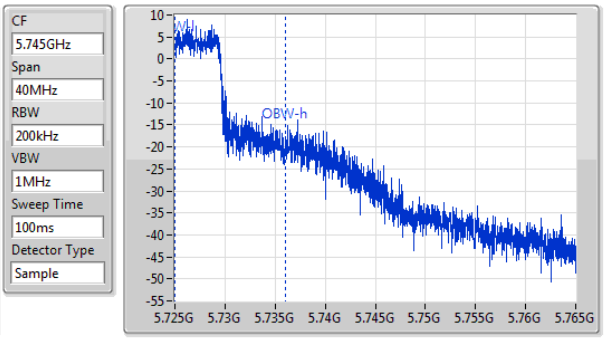
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.59M	5.69941G	5.725G	14.603M	5.7103G	5.724903G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

05/03/2019



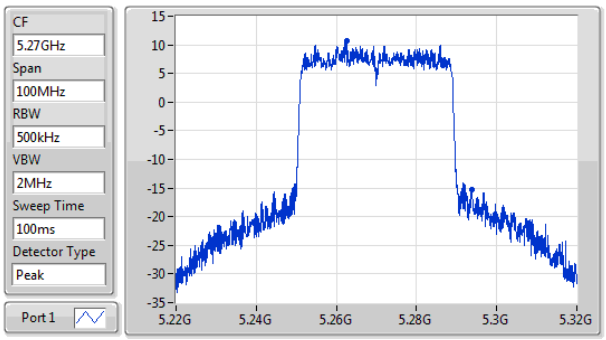


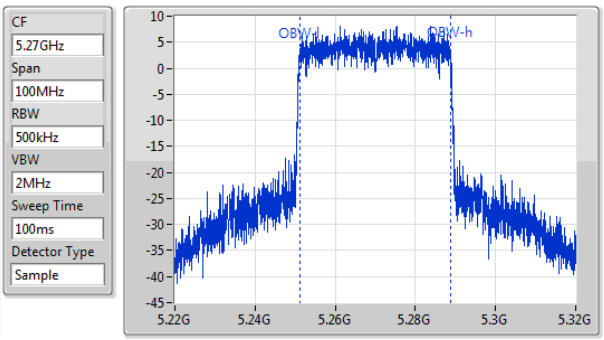
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	11.014M	5.72503G	5.736044G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5270MHz

05/03/2019



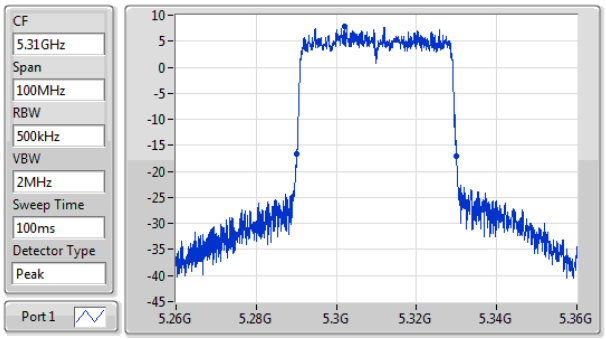


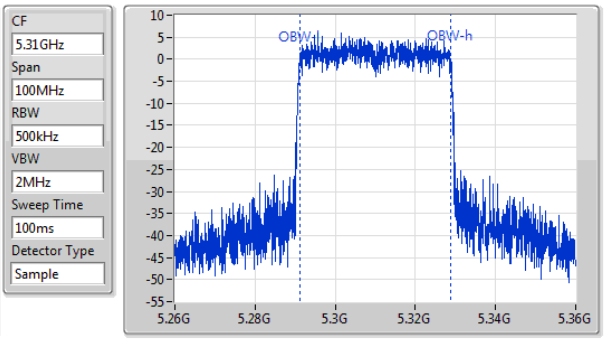
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.4M	5.2494G	5.2938G	37.631M	5.251109G	5.288741G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5310MHz

05/03/2019



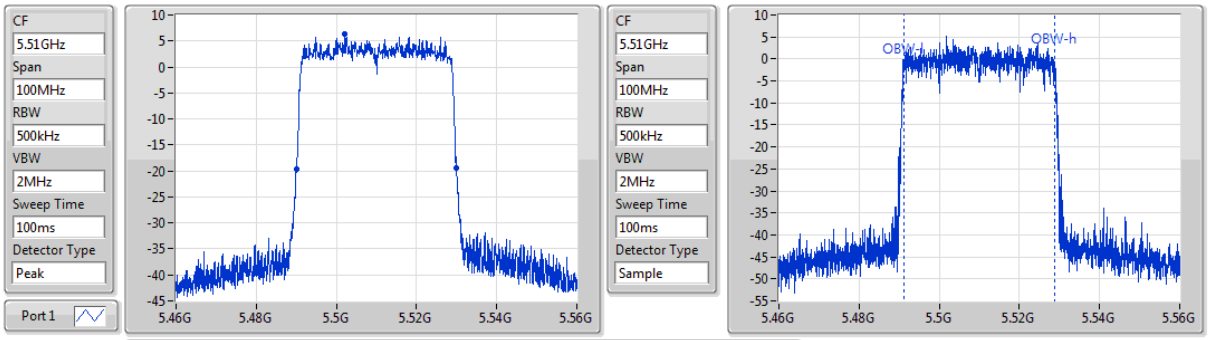


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.29005G	5.32995G	37.581M	5.291159G	5.328741G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5510MHz

05/03/2019

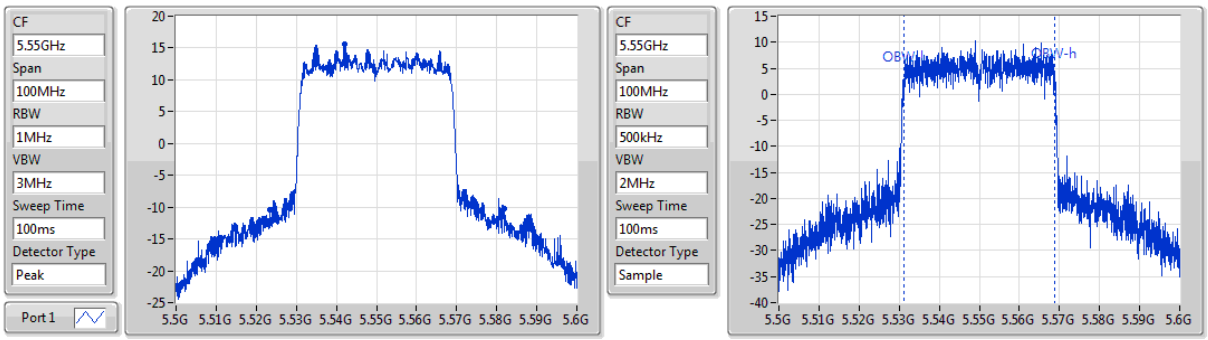


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.49G	5.52995G	37.681M	5.491109G	5.528791G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5550MHz

05/03/2019

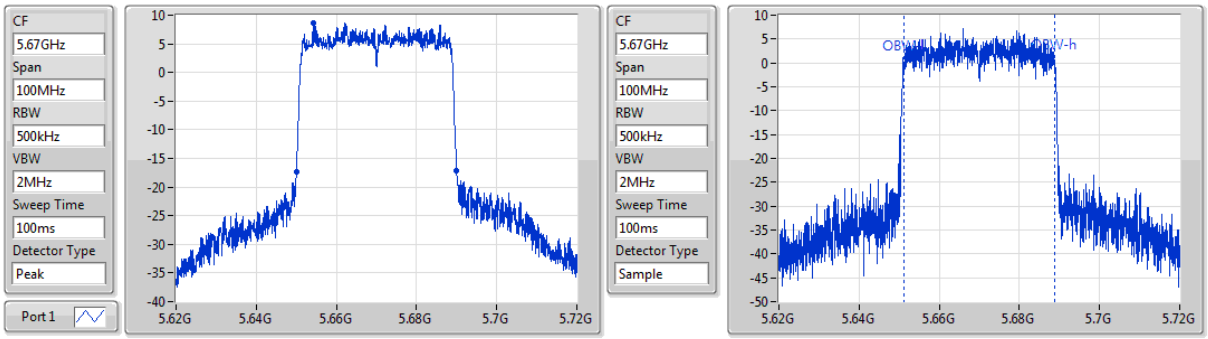


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
58.3M	5.5235G	5.5818G	37.731M	5.531109G	5.568841G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5670MHz

05/03/2019

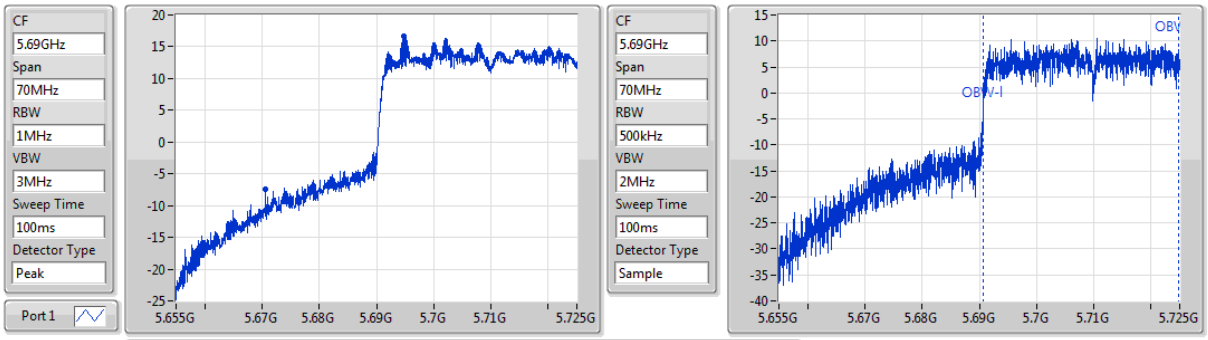


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.65G	5.69G	37.631M	5.651159G	5.688791G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.47-5.725GHz

05/03/2019

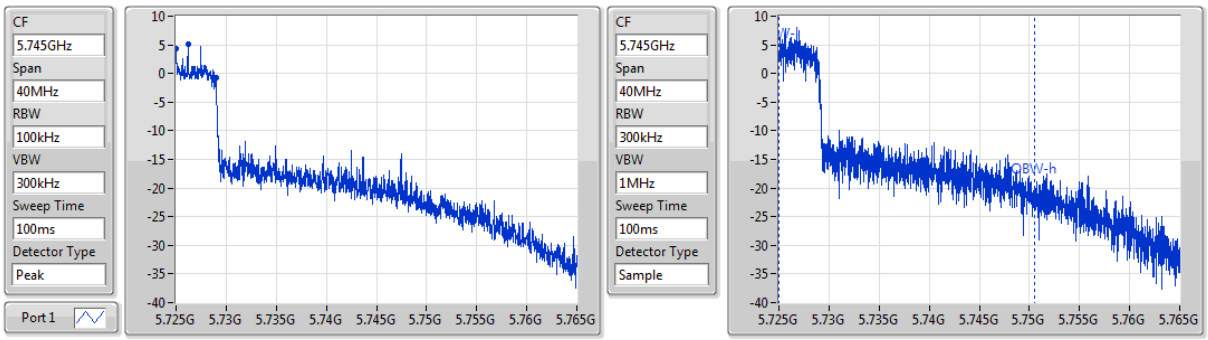


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
54.32M	5.67068G	5.725G	34.248M	5.690595G	5.724843G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX **EBW**

5710MHz Straddle 5.725-5.85GHz

05/03/2019

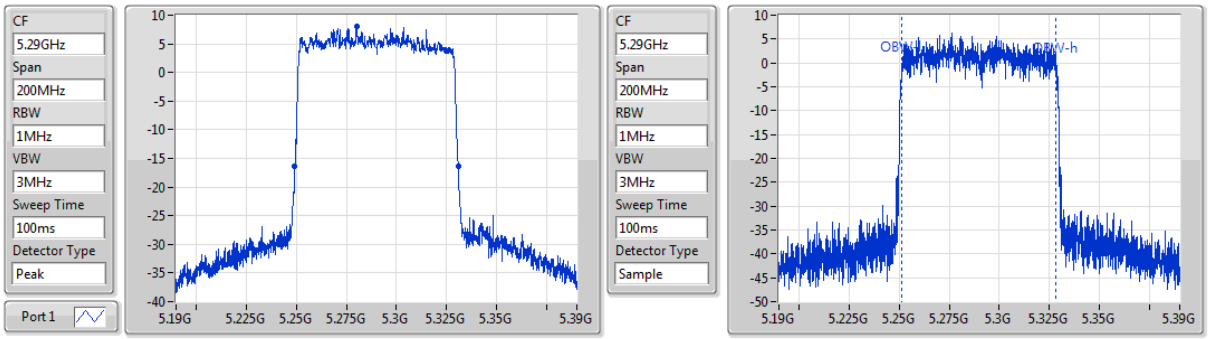


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	25.487M	5.72503G	5.750517G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX **EBW**

5290MHz

05/03/2019

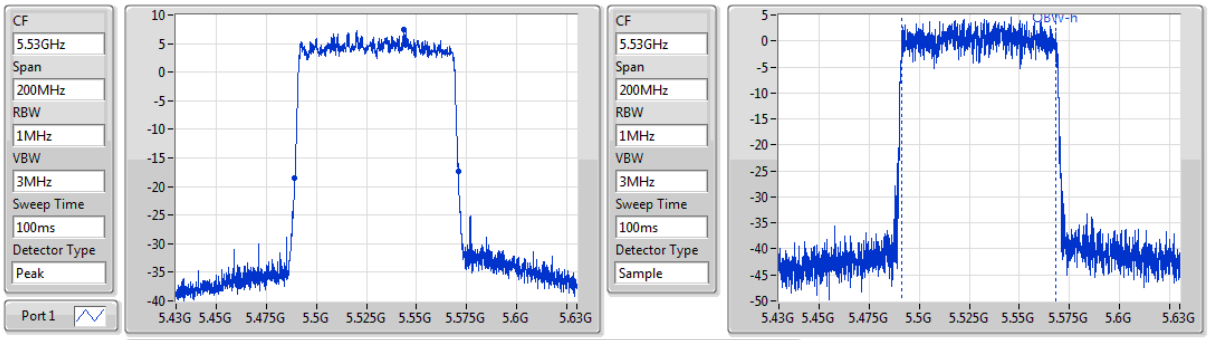


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.2493G	5.331G	76.862M	5.251519G	5.328381G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5530MHz

05/03/2019

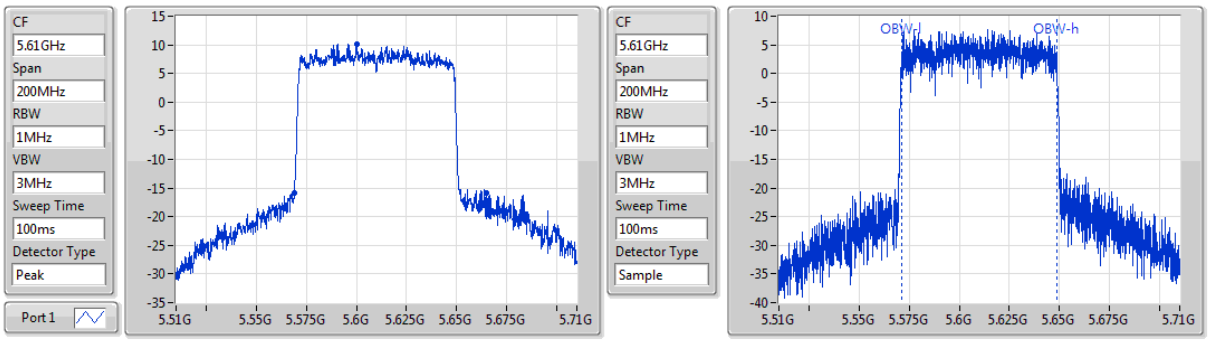


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.4892G	5.5708G	76.962M	5.491419G	5.568381G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5610MHz

05/03/2019

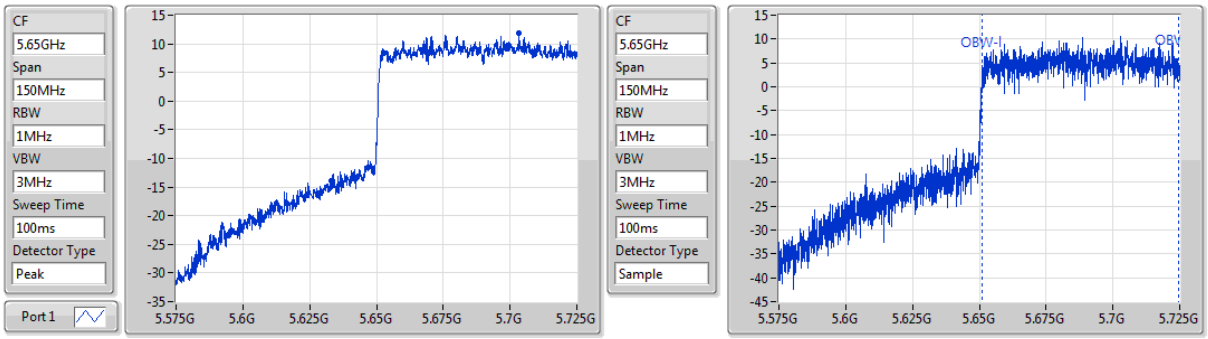


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
95.5M	5.5691G	5.6646G	77.161M	5.571319G	5.648481G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.47-5.725GHz

05/03/2019

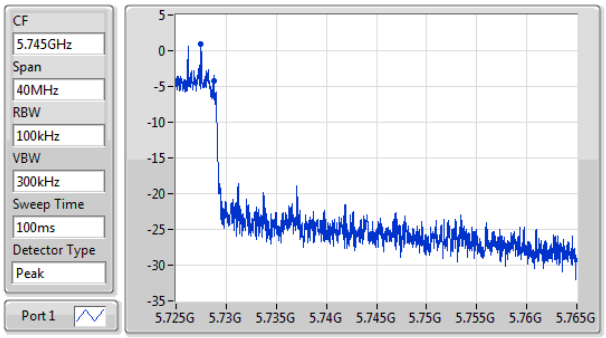


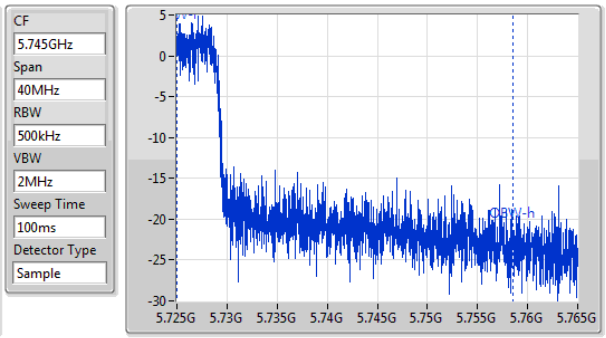
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
91.875M	5.633125G	5.725G	73.388M	5.651124G	5.724513G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX — EBW

5690MHz Straddle 5.725-5.85GHz

05/03/2019



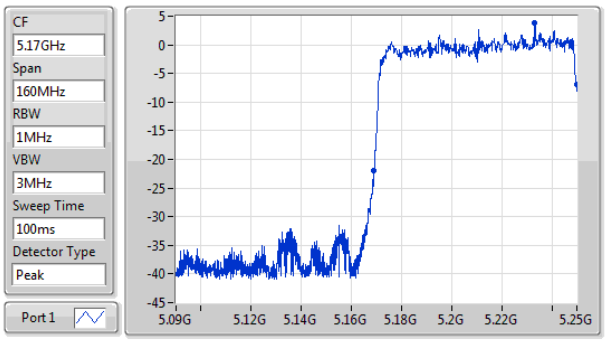


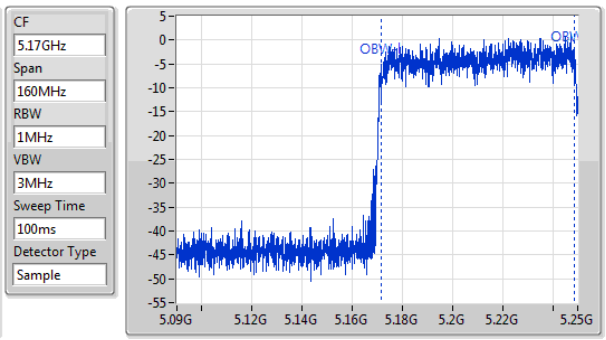
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	33.523M	5.72501G	5.758533G	500k	1

802.11ax HEW160_Nss1,(MCS0)_1TX — EBW

5250MHz Straddle 5.15-5.25GHz

05/03/2019



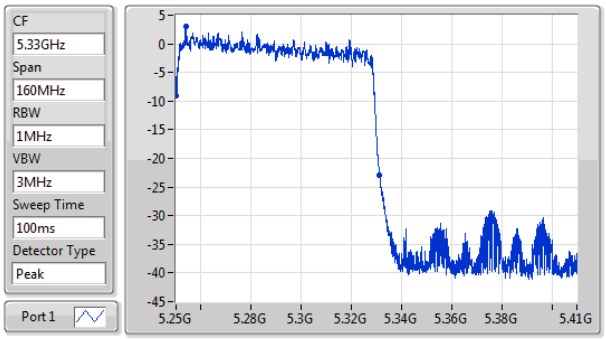


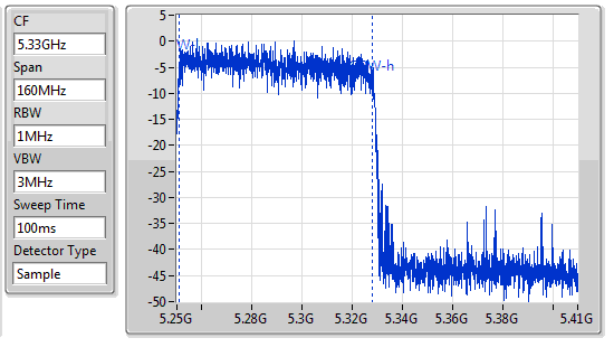
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.96M	5.16904G	5.25G	77.241M	5.171599G	5.248841G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX — EBW

5250MHz Straddle 5.25-5.35GHz

05/03/2019



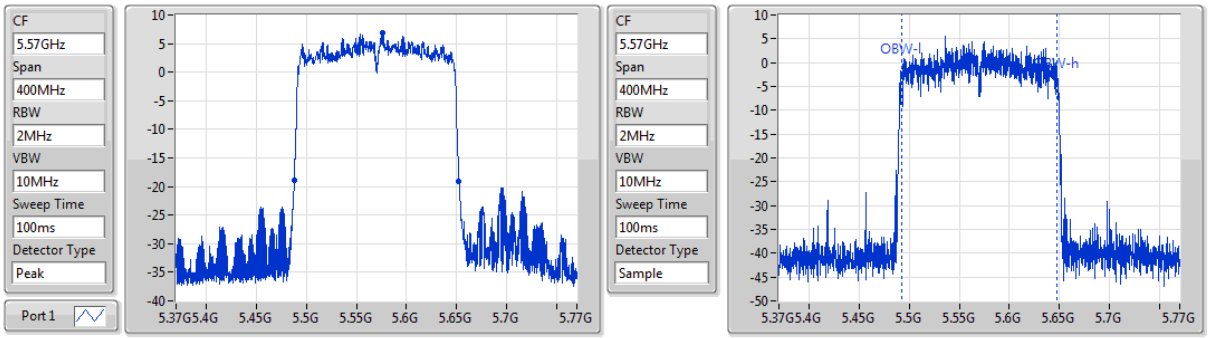


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.25G	5.33112G	77.081M	5.251079G	5.328161G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX **EBW**

5570MHz

05/03/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	5.488G	5.6524G	155.122M	5.492239G	5.647361G	Inf	1

For Non-beamforming / 2T2S mode
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	81.84M	77.081M	77M1D1D	81.6M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.025M	18.991M	19M0D1D	21.375M	18.891M
802.11ax HEW40_Nss2,(MCS0)_2TX	40.1M	37.781M	37M8D1D	39.95M	37.531M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.6M	77.161M	77M2D1D	81.1M	76.762M
802.11ax HEW160_Nss2,(MCS0)_2TX	81.12M	77.081M	77M1D1D	80.72M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	26.175M	18.991M	19M0D1D	20.46M	14.543M
802.11ax HEW40_Nss2,(MCS0)_2TX	45.78M	37.631M	37M6D1D	36.365M	33.723M
802.11ax HEW80_Nss2,(MCS0)_2TX	92.625M	76.962M	77M0D1D	78.825M	73.163M
802.11ax HEW160_Nss2,(MCS0)_2TX	165.4M	155.522M	156MD1D	165M	155.322M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	4.44M	7.896M	7M90D1D	4.42M	7.836M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.88M	20.67M	20M7D1D	3.74M	12.094M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.78M	28.106M	28M1D1D	3.72M	22.829M

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

Result

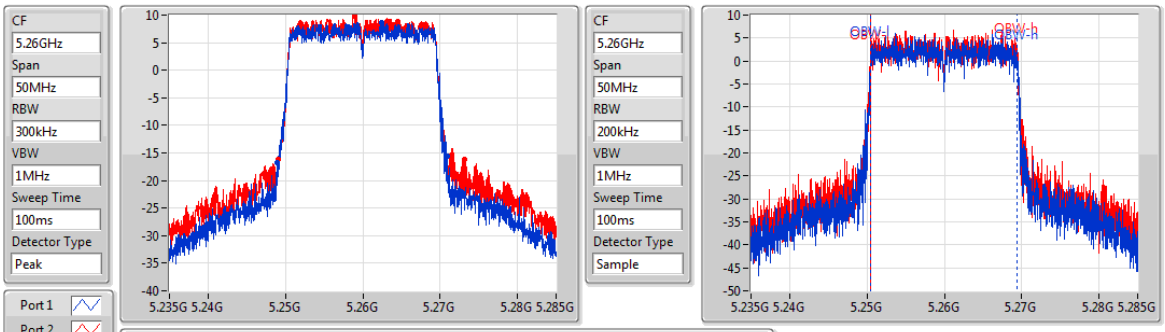
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.025M	18.941M	24.025M	18.966M
5300MHz	Pass	Inf	22.1M	18.991M	23.925M	18.966M
5320MHz	Pass	Inf	21.8M	18.966M	21.375M	18.891M
5500MHz	Pass	Inf	22.05M	18.941M	21.675M	18.966M
5580MHz	Pass	Inf	21.9M	18.991M	26.175M	18.991M
5700MHz	Pass	Inf	21.7M	18.941M	21.6M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.53M	14.573M	20.46M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	7.836M	4.44M	7.896M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.1M	37.781M	40M	37.581M
5310MHz	Pass	Inf	39.95M	37.531M	40.05M	37.531M
5510MHz	Pass	Inf	39.9M	37.481M	40M	37.581M
5550MHz	Pass	Inf	40M	37.631M	40.1M	37.581M
5670MHz	Pass	Inf	39.95M	37.531M	40.1M	37.581M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	45.78M	33.863M	36.365M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	20.67M	3.74M	12.094M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	77.161M	81.1M	76.762M
5530MHz	Pass	Inf	81.5M	76.862M	81.6M	76.962M
5610MHz	Pass	Inf	81.6M	76.962M	81.1M	76.962M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.825M	73.163M	92.625M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	28.106M	3.72M	22.829M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	77.081M	81.84M	77.081M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.12M	77.081M	80.72M	77.001M
5570MHz	Pass	Inf	165.4M	155.322M	165M	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;

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5260MHz

05/03/2019

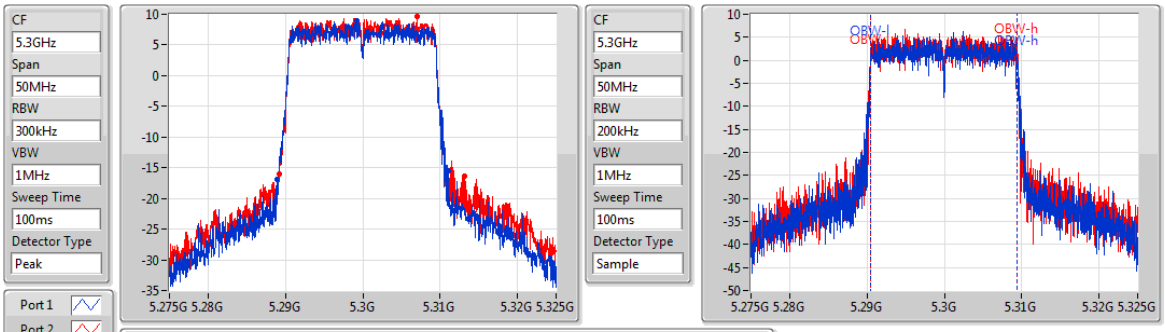


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.025M	5.248975G	5.271G	18.941M	5.25048G	5.26942G	Inf	1
24.025M	5.249125G	5.27315G	18.966M	5.25048G	5.269445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5300MHz

05/03/2019

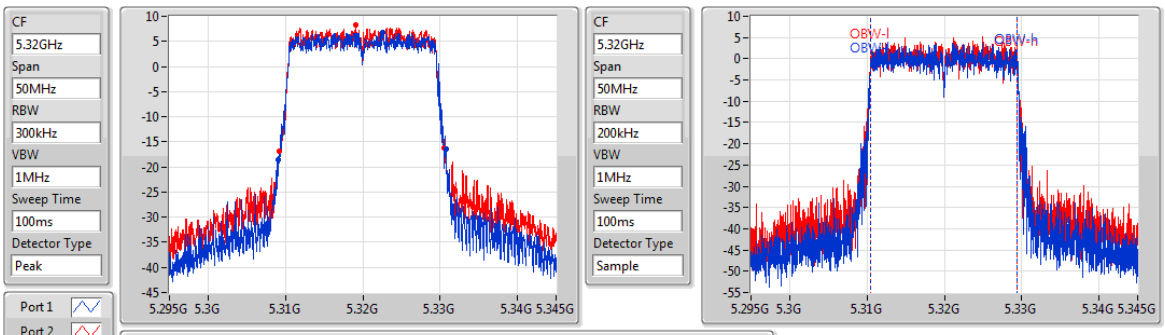


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.1M	5.28895G	5.31105G	18.991M	5.290455G	5.309445G	Inf	1
23.925M	5.289175G	5.3131G	18.966M	5.29048G	5.309445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

5320MHz

05/03/2019

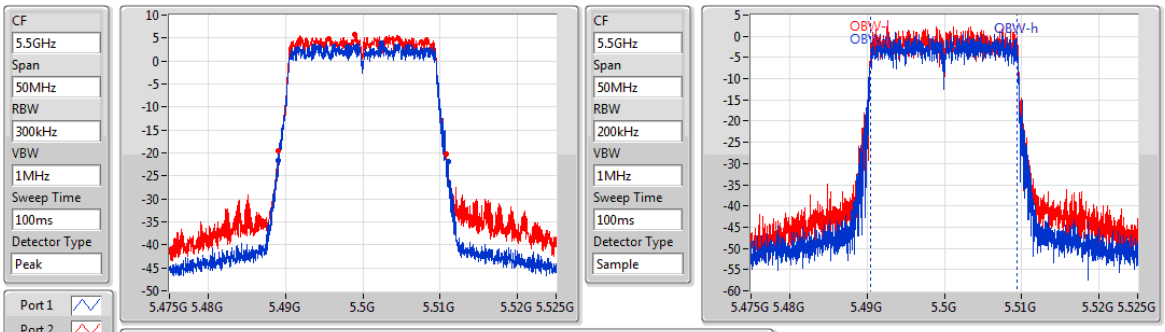


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.309G	5.3308G	18.966M	5.31048G	5.329445G	Inf	1
21.375M	5.3092G	5.330575G	18.891M	5.310505G	5.329395G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5500MHz

05/03/2019

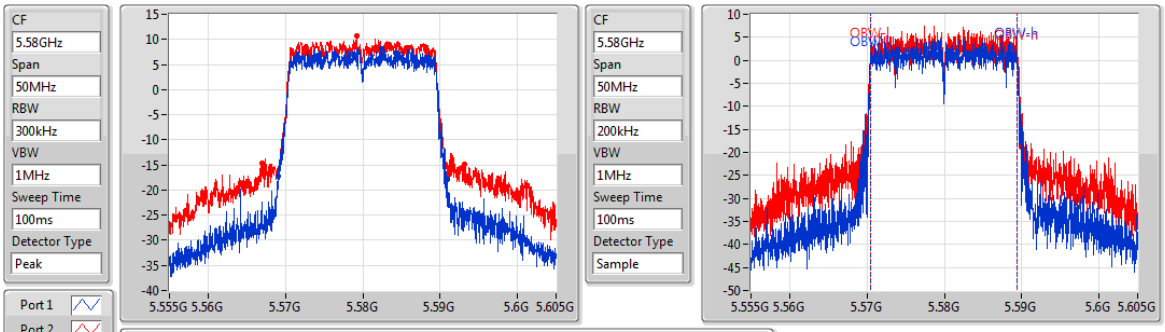


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.489G	5.51105G	18.941M	5.49048G	5.50942G	Inf	1
21.675M	5.489125G	5.5108G	18.966M	5.49048G	5.509445G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5580MHz

05/03/2019

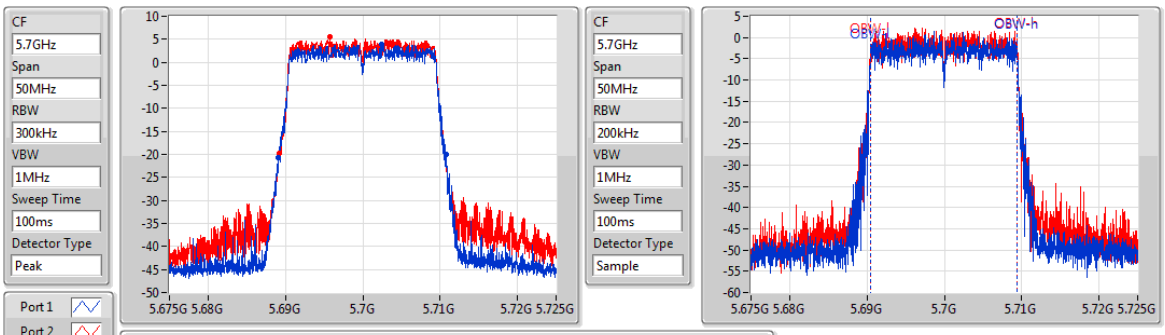


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.569G	5.5909G	18.991M	5.570455G	5.589445G	Inf	1
26.175M	5.567025G	5.5932G	18.991M	5.57048G	5.58947G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX EBW

5700MHz

05/03/2019

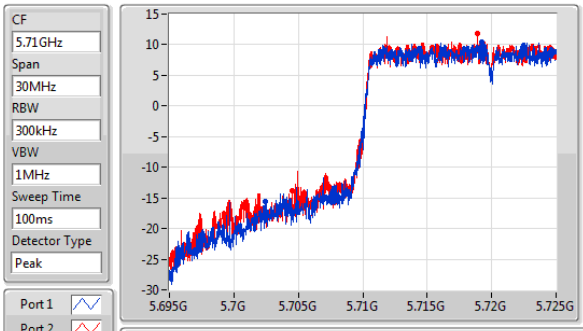


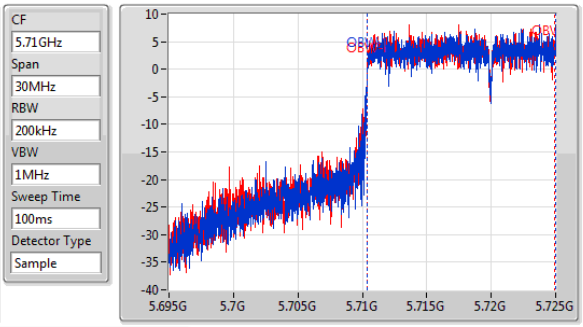
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.689075G	5.710775G	18.941M	5.69048G	5.70942G	Inf	1
21.6M	5.689175G	5.710775G	18.941M	5.69048G	5.70942G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX — EBW

5720MHz Straddle 5.47-5.725GHz

05/03/2019



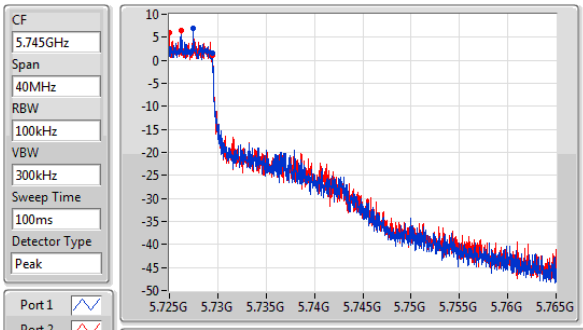


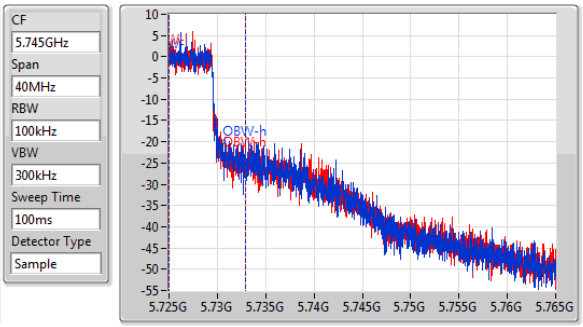
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.53M	5.70247G	5.725G	14.573M	5.71039G	5.724963G	Inf	1
20.46M	5.70454G	5.725G	14.543M	5.71039G	5.724933G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX — EBW

5720MHz Straddle 5.725-5.85GHz

05/03/2019



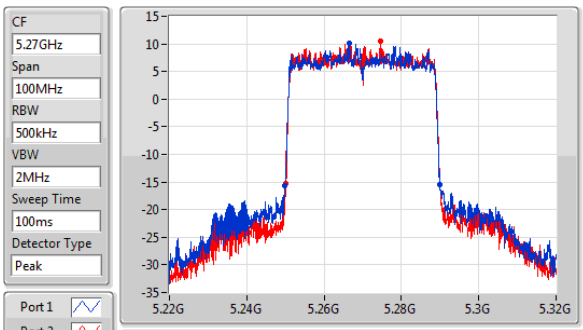


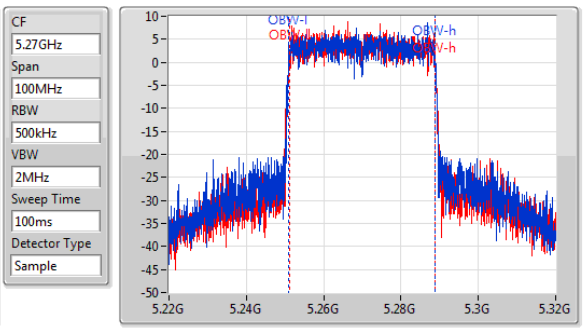
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.42M	5.725G	5.72942G	7.836M	5.72503G	5.732866G	500k	1
4.44M	5.725G	5.72944G	7.896M	5.72503G	5.732926G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX — EBW

5270MHz

05/03/2019



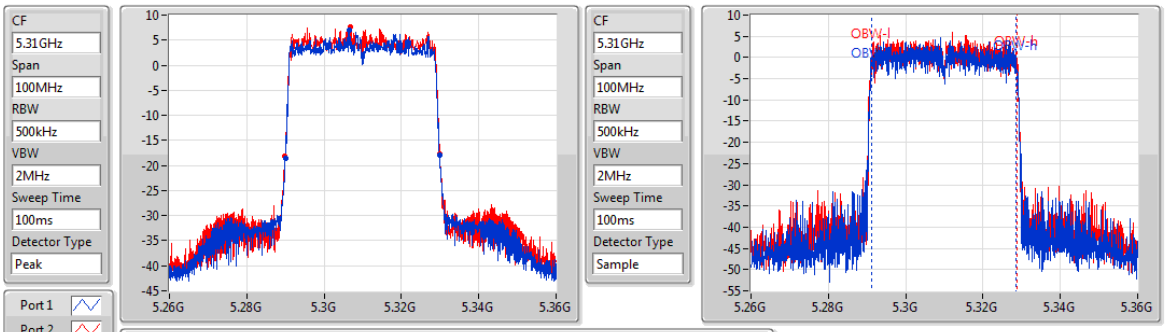


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.24985G	5.28995G	37.781M	5.251009G	5.288791G	Inf	1
40M	5.25G	5.29G	37.581M	5.251159G	5.288741G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5310MHz

05/03/2019

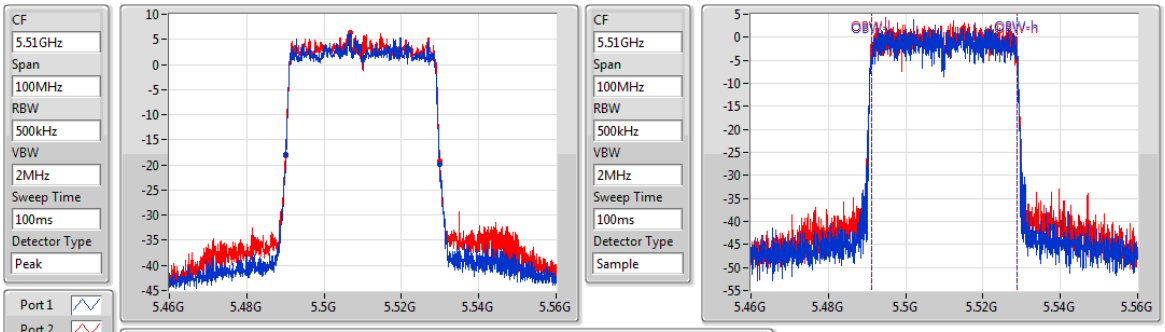


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.28995G	5.3299G	37.531M	5.291109G	5.328641G	Inf	1
40.05M	5.2899G	5.32995G	37.531M	5.291159G	5.328691G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5510MHz

05/03/2019

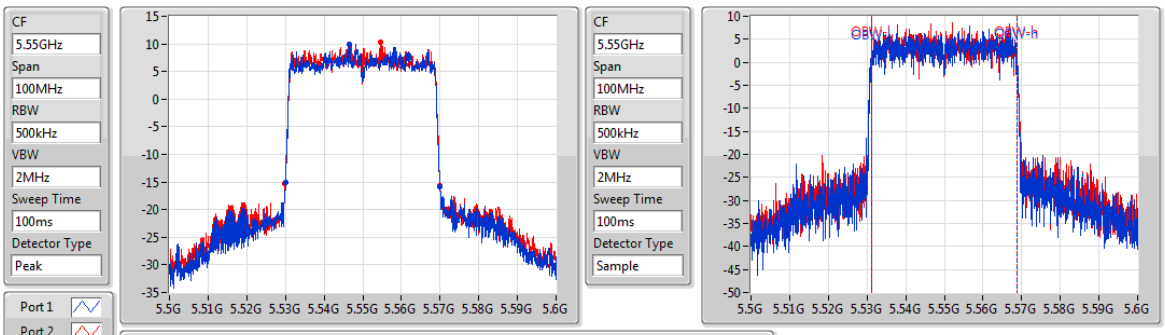


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49005G	5.52995G	37.481M	5.491259G	5.528741G	Inf	1
40M	5.48995G	5.52995G	37.581M	5.491159G	5.528741G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5550MHz

05/03/2019

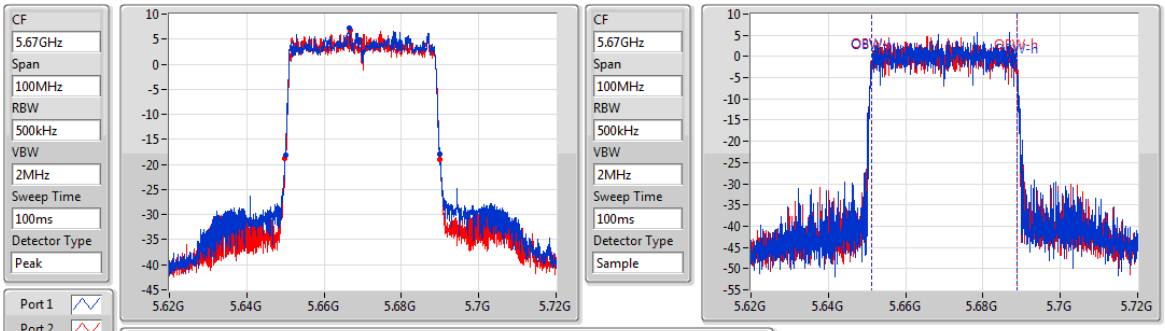


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.52995G	5.56995G	37.631M	5.531109G	5.568741G	Inf	1
40.1M	5.5299G	5.57G	37.581M	5.531159G	5.568741G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5670MHz

05/03/2019

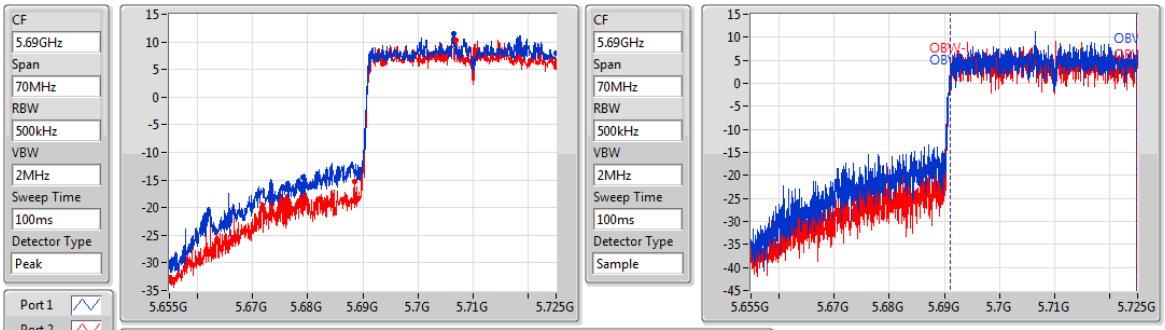


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.64995G	5.6899G	37.531M	5.651159G	5.688691G	Inf	1
40.1M	5.6499G	5.69G	37.581M	5.651109G	5.688691G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

05/03/2019

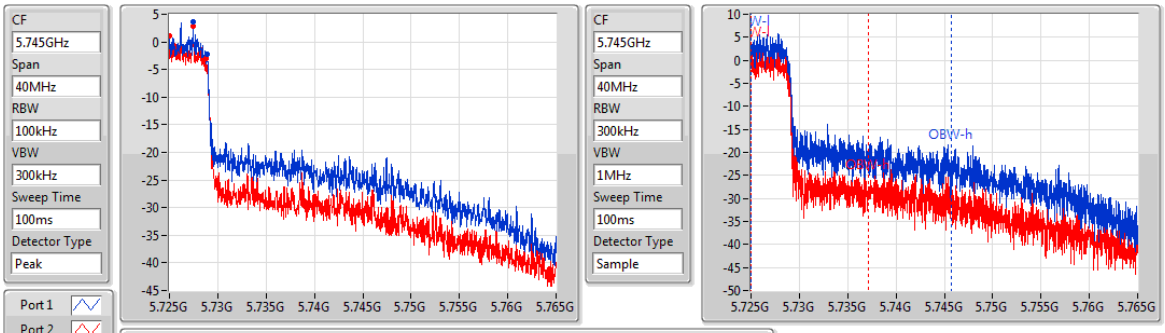


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.78M	5.67922G	5.725G	33.863M	5.69098G	5.724843G	Inf	1
36.365M	5.688635G	5.725G	33.723M	5.691084G	5.724808G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

05/03/2019

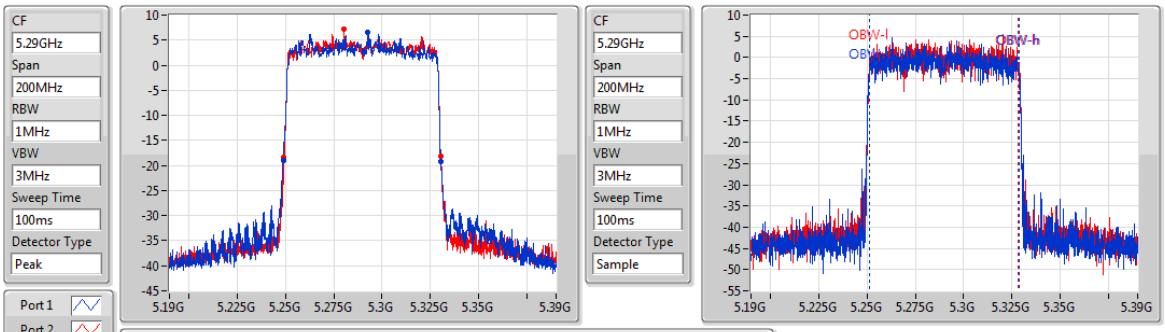


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	20.67M	5.72503G	5.7457G	500k	1
3.74M	5.725G	5.72874G	12.094M	5.72501G	5.737104G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

5290MHz

05/03/2019

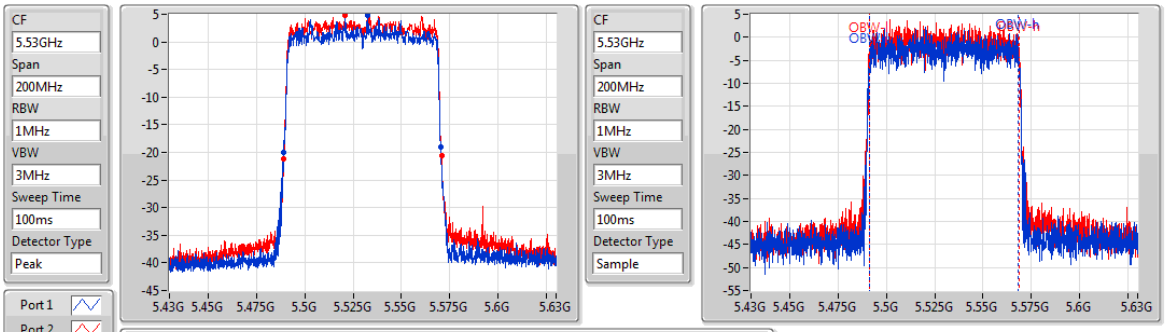


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.2488G	5.3304G	77.161M	5.251319G	5.328481G	Inf	1
81.1M	5.2493G	5.3304G	76.762M	5.251519G	5.328281G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

5530MHz

05/03/2019

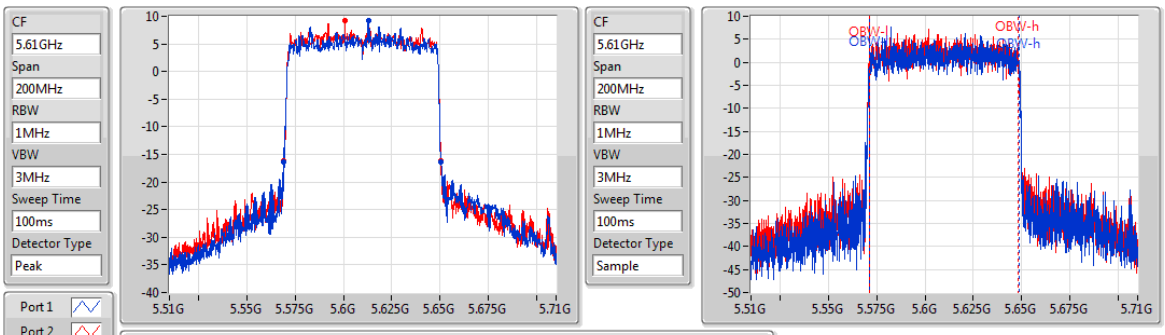


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.489G	5.5705G	76.862M	5.491519G	5.568381G	Inf	1
81.6M	5.4891G	5.5707G	76.962M	5.491519G	5.568481G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX EBW

5610MHz

05/03/2019

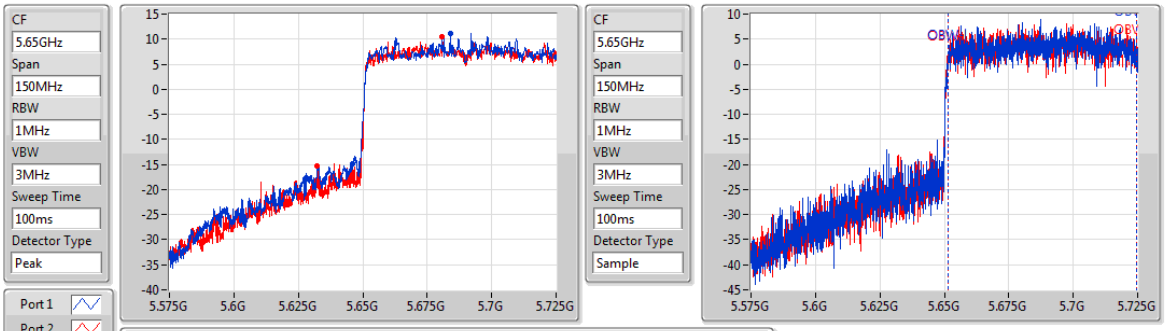


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.569G	5.6506G	76.962M	5.571519G	5.648481G	Inf	1
81.1M	5.5693G	5.6504G	76.962M	5.571419G	5.648381G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5690MHz Straddle 5.47-5.725GHz

05/03/2019

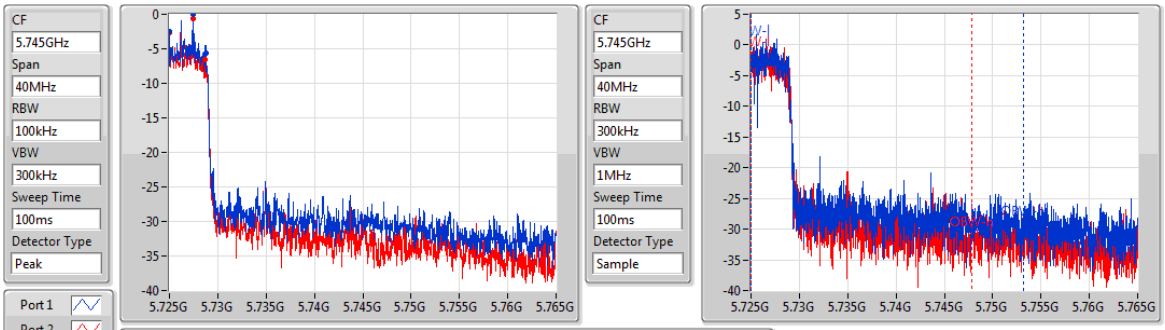


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.825M	5.646175G	5.725G	73.163M	5.651349G	5.724513G	Inf	1
92.625M	5.632375G	5.725G	73.238M	5.651274G	5.724513G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz

05/03/2019

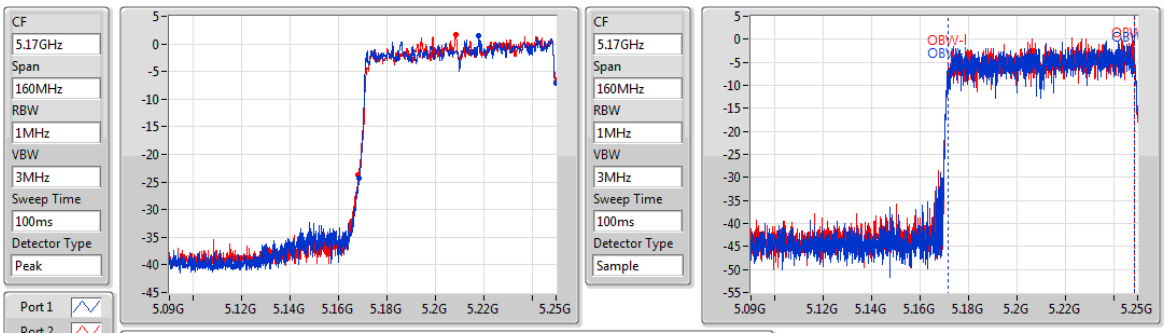


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	28.106M	5.72503G	5.753136G	500k	1
3.72M	5.725G	5.72872G	22.829M	5.72501G	5.747839G	500k	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5250MHz Straddle 5.15-5.25GHz

05/03/2019

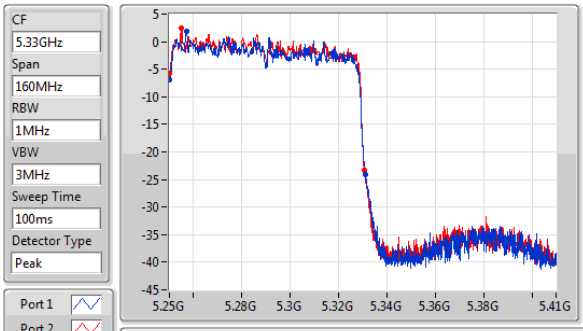


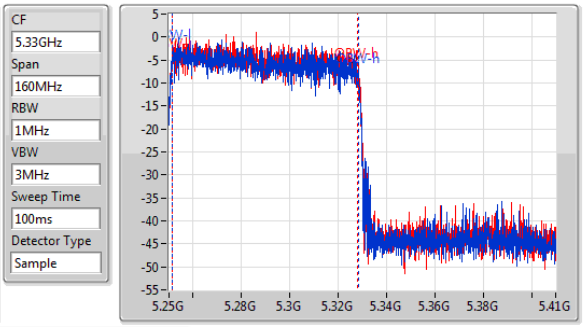
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.1684G	5.25G	77.081M	5.171679G	5.248761G	Inf	1
81.84M	5.16816G	5.25G	77.081M	5.171759G	5.248841G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5250MHz Straddle 5.25-5.35GHz

05/03/2019



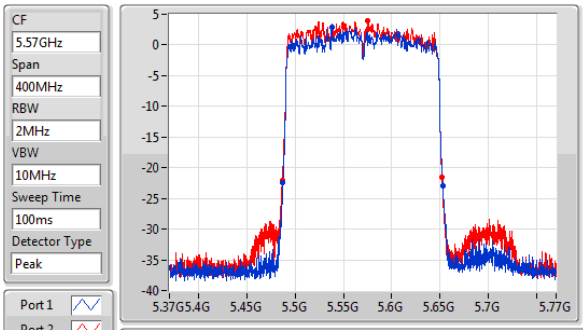


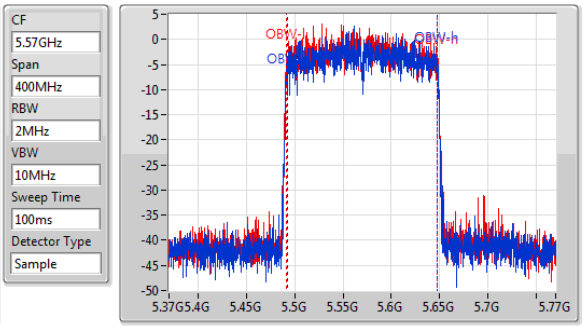
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.25G	5.33112G	77.081M	5.251159G	5.328241G	Inf	1
80.72M	5.25G	5.33072G	77.001M	5.251159G	5.328161G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5570MHz

05/03/2019





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.4M	5.4874G	5.6528G	155.322M	5.492239G	5.647561G	Inf	1
165M	5.487G	5.652G	155.522M	5.491839G	5.647361G	Inf	2

For Non-beamforming / 4T1S mode
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	81.04M	77.401M	77M4D1D	80.72M	77.081M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.725M	16.642M	16M6D1D	21.475M	16.542M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.975M	18.991M	19M0D1D	21.375M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.631M	37M6D1D	39.95M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.6M	77.161M	77M2D1D	81M	76.962M
802.11ax HEW160_Nss1,(MCS0)_4TX	81.28M	77.161M	77M2D1D	80.72M	76.922M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.65M	16.642M	16M6D1D	15.675M	13.298M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.925M	18.991M	19M0D1D	15.675M	14.468M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.631M	37M6D1D	35.035M	33.618M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.8M	77.261M	77M3D1D	75.45M	73.238M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.2M	155.322M	155MD1D	163.8M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.14M	3.958M	3M96D1D	3.12M	3.798M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.48M	4.518M	4M52D1D	4.46M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.88M	4.018M	4M02D1D	3.72M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.86M	4.058M	4M06D1D	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;

Result

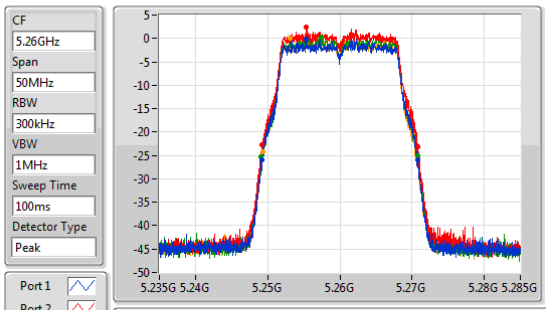
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.625M	16.592M	21.525M	16.542M	21.675M	16.567M	21.475M	16.542M
5300MHz	Pass	Inf	21.525M	16.617M	21.675M	16.567M	21.65M	16.617M	21.5M	16.592M
5320MHz	Pass	Inf	21.5M	16.642M	21.6M	16.642M	21.725M	16.592M	21.7M	16.592M
5500MHz	Pass	Inf	21.575M	16.617M	21.625M	16.617M	21.65M	16.642M	21.475M	16.542M
5580MHz	Pass	Inf	21.55M	16.592M	21.6M	16.567M	21.6M	16.617M	21.6M	16.592M
5700MHz	Pass	Inf	21.475M	16.617M	21.55M	16.592M	21.525M	16.592M	21.6M	16.592M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.675M	13.328M	15.69M	13.298M	15.765M	13.343M	15.705M	13.328M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.958M	3.12M	3.938M	3.12M	3.818M	3.12M	3.798M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.7M	18.941M	21.675M	18.941M	21.8M	18.966M	21.425M	18.966M
5300MHz	Pass	Inf	21.775M	18.991M	21.725M	18.966M	21.975M	18.966M	21.375M	18.941M
5320MHz	Pass	Inf	21.75M	18.966M	21.625M	18.991M	21.75M	18.941M	21.4M	18.966M
5500MHz	Pass	Inf	21.7M	18.966M	21.75M	18.966M	21.775M	18.966M	21.3M	18.941M
5580MHz	Pass	Inf	21.65M	18.966M	21.6M	18.991M	21.925M	18.966M	21.35M	18.966M
5700MHz	Pass	Inf	21.75M	18.966M	21.55M	18.941M	21.8M	18.991M	21.425M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	14.483M	15.735M	14.468M	15.945M	14.483M	15.675M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.518M	4.48M	4.498M	4.46M	4.498M	4.48M	4.498M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.95M	37.581M	40.15M	37.581M	40.05M	37.531M	40.2M	37.481M
5310MHz	Pass	Inf	40.1M	37.631M	40.15M	37.531M	40.1M	37.581M	40.2M	37.631M
5510MHz	Pass	Inf	39.85M	37.581M	40.1M	37.531M	39.95M	37.481M	39.95M	37.531M
5550MHz	Pass	Inf	39.9M	37.481M	40.1M	37.431M	40.1M	37.481M	40.2M	37.581M
5670MHz	Pass	Inf	40.05M	37.531M	39.95M	37.581M	40.1M	37.481M	40.15M	37.631M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.618M	35.035M	33.688M	35.105M	33.653M	35.07M	33.653M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.018M	3.72M	4.018M	3.76M	4.018M	3.88M	4.018M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	77.161M	81M	76.962M	81.4M	77.161M	81.5M	77.161M
5530MHz	Pass	Inf	81.3M	76.962M	81.3M	77.061M	81M	77.161M	81.7M	77.161M
5610MHz	Pass	Inf	81.8M	77.161M	81M	76.862M	81.3M	77.261M	81.8M	77.061M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.825M	73.313M	75.6M	73.238M	75.45M	73.313M	75.75M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.058M	3.68M	4.038M	3.74M	4.038M	3.86M	4.018M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.401M	80.72M	77.081M	81.04M	77.081M	81.04M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.12M	77.001M	81.28M	77.161M	80.72M	76.922M	81.2M	77.081M
5570MHz	Pass	Inf	165.2M	155.122M	164.6M	155.322M	163.8M	155.122M	164.2M	155.322M

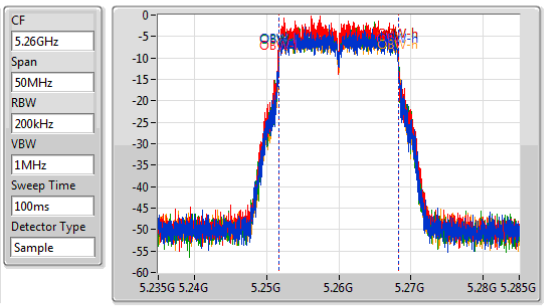
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

04/03/2019



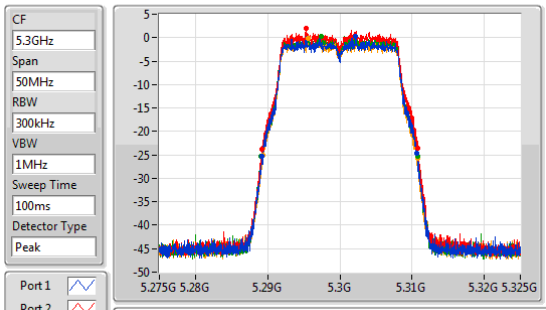


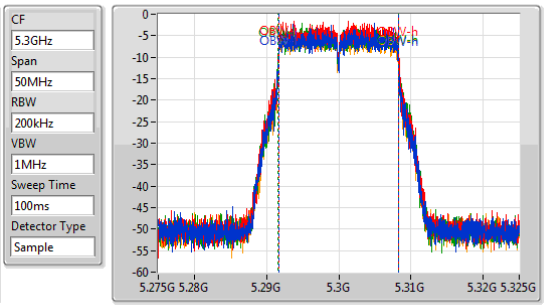
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.249175G	5.2708G	16.592M	5.251679G	5.268271G	Inf	1
21.525M	5.249275G	5.2708G	16.542M	5.251679G	5.268221G	Inf	2
21.675M	5.249125G	5.2708G	16.567M	5.251679G	5.268246G	Inf	3
21.475M	5.249325G	5.2708G	16.542M	5.251679G	5.268221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

04/03/2019



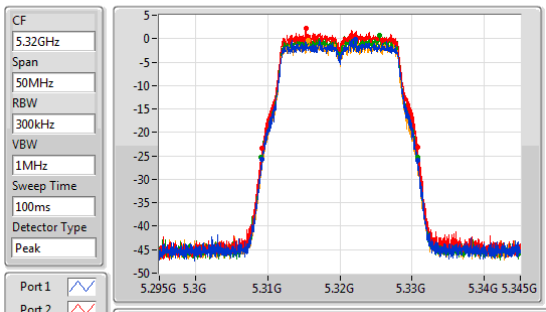


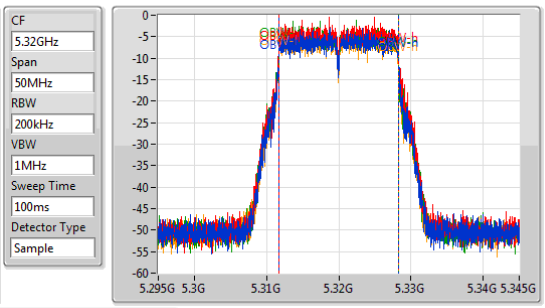
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.289175G	5.3107G	16.617M	5.291654G	5.308271G	Inf	1
21.675M	5.289175G	5.31085G	16.567M	5.291654G	5.308221G	Inf	2
21.65M	5.2891G	5.31075G	16.617M	5.291629G	5.308246G	Inf	3
21.5M	5.289325G	5.310825G	16.592M	5.291654G	5.308246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

04/03/2019



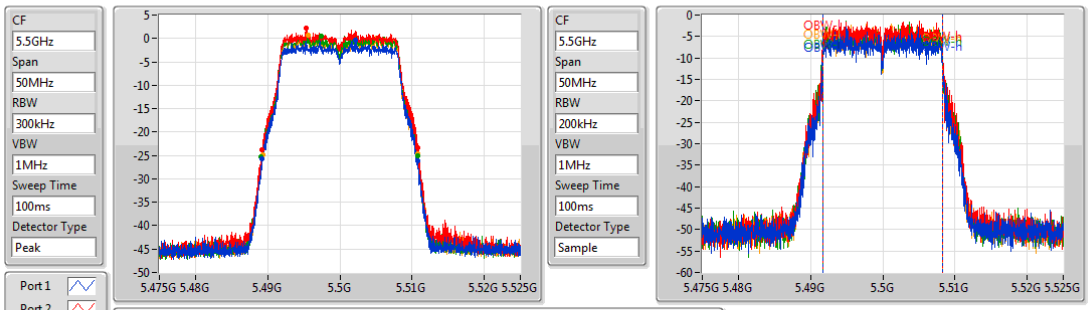


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.309225G	5.330725G	16.642M	5.311654G	5.328296G	Inf	1
21.6M	5.309225G	5.330825G	16.642M	5.311654G	5.328296G	Inf	2
21.725M	5.3091G	5.330825G	16.592M	5.311654G	5.328246G	Inf	3
21.7M	5.30915G	5.33085G	16.592M	5.311654G	5.328246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

04/03/2019

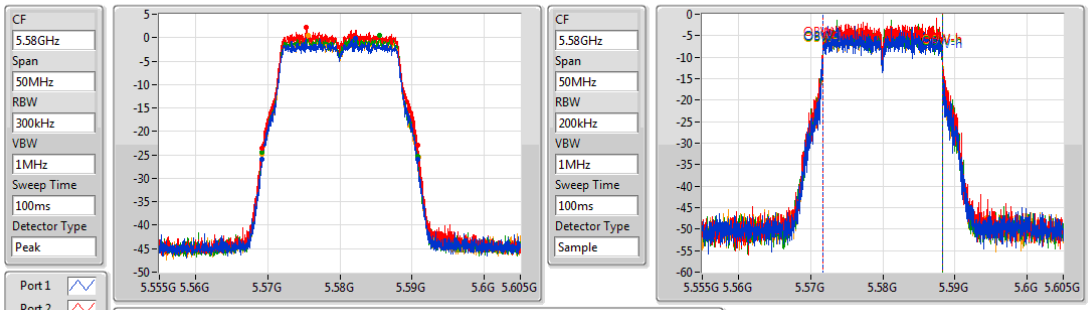


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.489225G	5.5108G	16.617M	5.491679G	5.508296G	Inf	1
21.625M	5.489225G	5.51085G	16.617M	5.491654G	5.508271G	Inf	2
21.65M	5.489125G	5.510775G	16.642M	5.491654G	5.508296G	Inf	3
21.475M	5.4893G	5.510775G	16.542M	5.491679G	5.508221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

04/03/2019

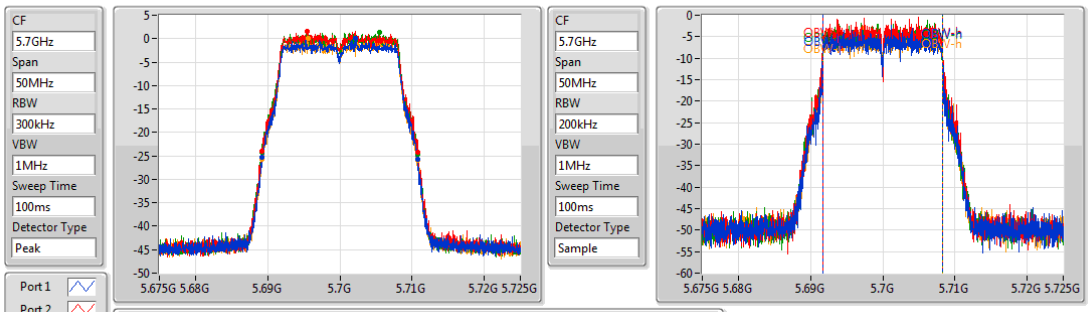


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.55M	5.569225G	5.590775G	16.592M	5.571654G	5.588246G	Inf	1
21.6M	5.5692G	5.5908G	16.567M	5.571654G	5.588221G	Inf	2
21.6M	5.56915G	5.59075G	16.617M	5.571654G	5.588271G	Inf	3
21.6M	5.569275G	5.590875G	16.592M	5.571654G	5.588246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

04/03/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.689275G	5.71075G	16.617M	5.691654G	5.708271G	Inf	1
21.55M	5.68925G	5.7108G	16.592M	5.691654G	5.708246G	Inf	2
21.525M	5.68925G	5.710775G	16.592M	5.691654G	5.708246G	Inf	3
21.6M	5.68925G	5.71085G	16.592M	5.691654G	5.708246G	Inf	4