



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.57M	17.871M	21.6M	17.901M
5200MHz	Pass	Inf	37.05M	18.531M	35.88M	18.501M
5240MHz	Pass	Inf	39.69M	19.22M	37.26M	18.411M
5745MHz	Pass	500k	17.58M	21.559M	17.55M	19.94M
5785MHz	Pass	500k	17.55M	21.349M	17.55M	19.76M
5825MHz	Pass	500k	17.55M	23.118M	17.55M	20.72M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	36.462M	39.72M	36.462M
5230MHz	Pass	Inf	60.66M	36.882M	51M	36.942M
5755MHz	Pass	500k	36M	37.901M	36.3M	37.481M
5795MHz	Pass	500k	36.3M	37.841M	36.3M	37.481M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	75.682M	80.28M	75.682M
5775MHz	Pass	500k	75.12M	75.682M	75.96M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.54M	19.01M	21.48M	19.01M
5200MHz	Pass	Inf	39.69M	19.28M	39.66M	19.34M
5240MHz	Pass	Inf	42.99M	20M	35.85M	19.34M
5745MHz	Pass	500k	18.63M	24.378M	18.69M	21.139M
5785MHz	Pass	500k	18.84M	24.348M	18.21M	21.709M
5825MHz	Pass	500k	18.75M	22.909M	18.84M	20.33M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.32M	37.601M	40.14M	37.541M
5230MHz	Pass	Inf	50.22M	37.721M	54.78M	37.841M
5755MHz	Pass	500k	37.62M	38.141M	37.68M	38.081M
5795MHz	Pass	500k	37.5M	38.501M	37.32M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.001M	81.24M	77.001M
5775MHz	Pass	500k	75.84M	77.001M	76.56M	77.121M

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;

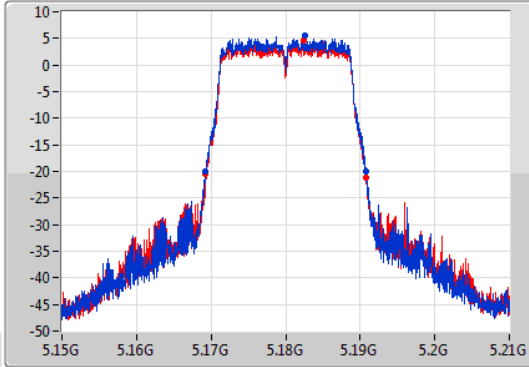
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

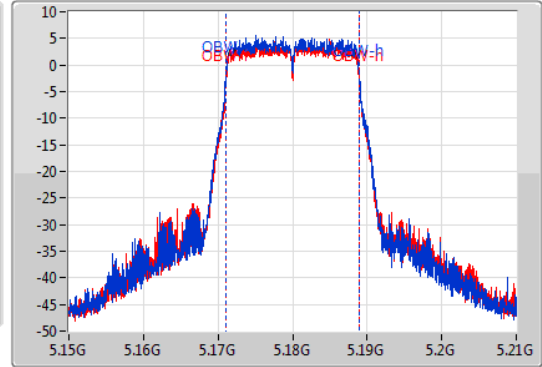
5180MHz

25/12/2019

CF  
5.18GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.16926G	5.19083G	17.871M	5.171064G	5.188936G	Inf	1
21.6M	5.16926G	5.19086G	17.901M	5.171064G	5.188966G	Inf	2

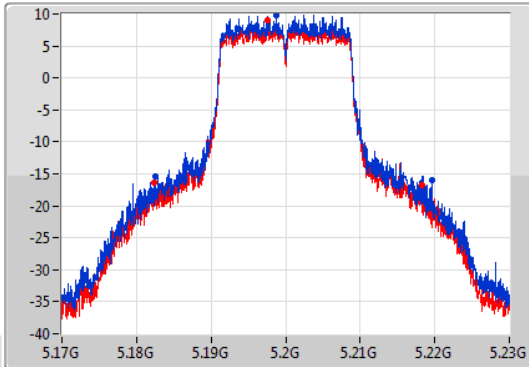
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

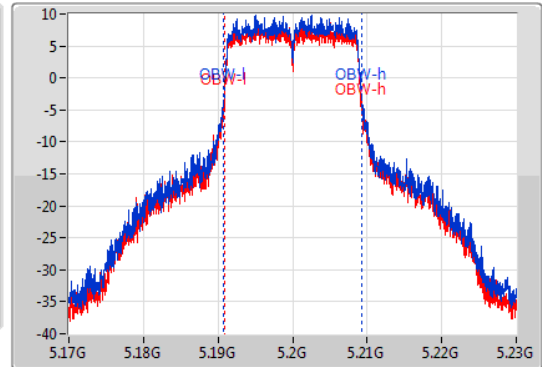
5200MHz

25/12/2019

CF  
5.2GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.05M	5.18251G	5.21956G	18.531M	5.190795G	5.209325G	Inf	1
35.88M	5.18236G	5.21824G	18.501M	5.190825G	5.209325G	Inf	2

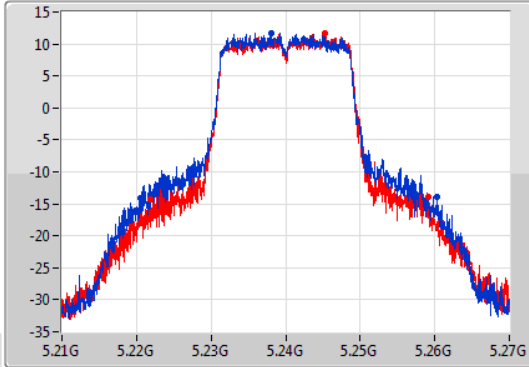
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

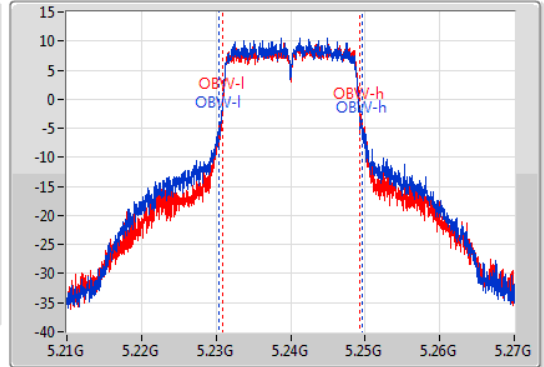
5240MHz

02/01/2020

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.69M	5.22056G	5.26025G	19.22M	5.230405G	5.249625G	Inf	1
37.26M	5.22188G	5.25914G	18.411M	5.230915G	5.249325G	Inf	2

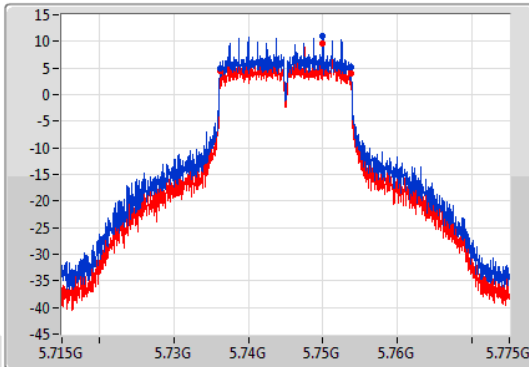
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

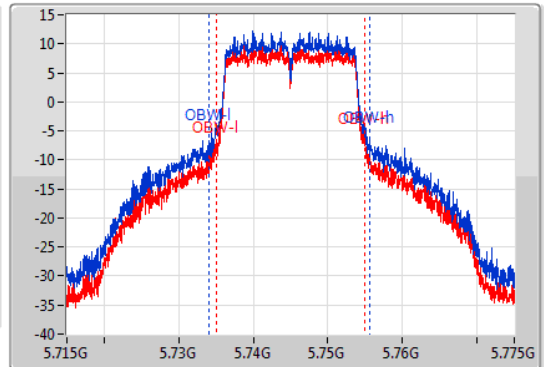
5745MHz

25/12/2019

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.73621G	5.75379G	21.559M	5.734115G	5.755675G	500k	1
17.55M	5.73624G	5.75379G	19.94M	5.734985G	5.754925G	500k	2

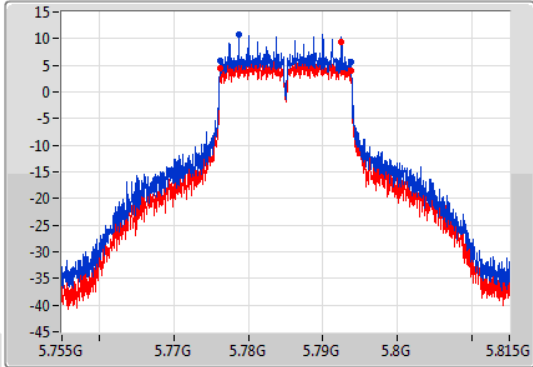
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

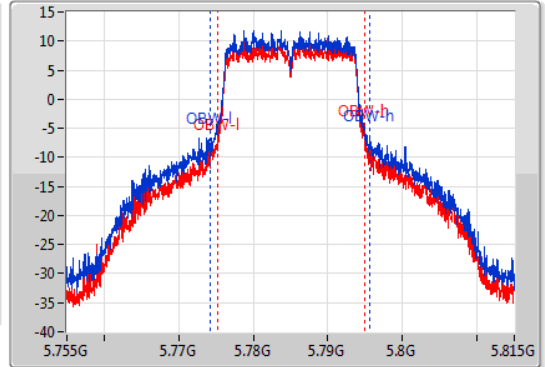
5785MHz

25/12/2019

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.77624G	5.79379G	21.349M	5.774265G	5.795615G	500k	1
17.55M	5.77624G	5.79379G	19.76M	5.775225G	5.794985G	500k	2

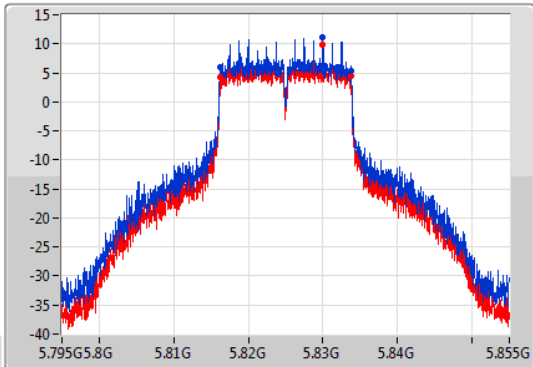
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

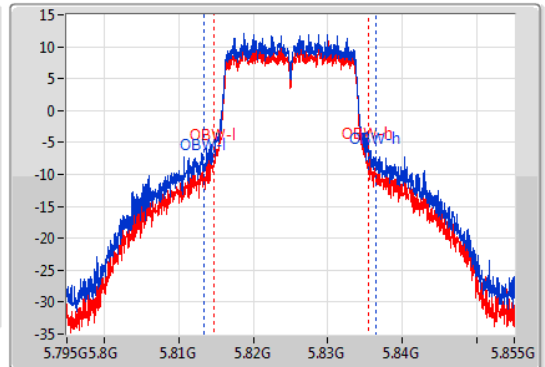
5825MHz

25/12/2019

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81624G	5.83379G	23.118M	5.813306G	5.836424G	500k	1
17.55M	5.81621G	5.83376G	20.72M	5.814655G	5.835375G	500k	2

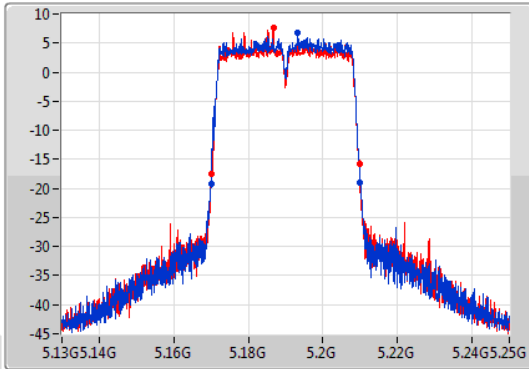
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

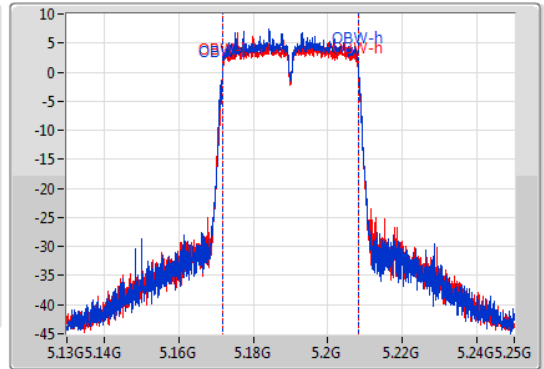
5190MHz

25/12/2019

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.17002G	5.21004G	36.462M	5.171769G	5.208231G	Inf	1
39.72M	5.17008G	5.2098G	36.462M	5.171769G	5.208231G	Inf	2

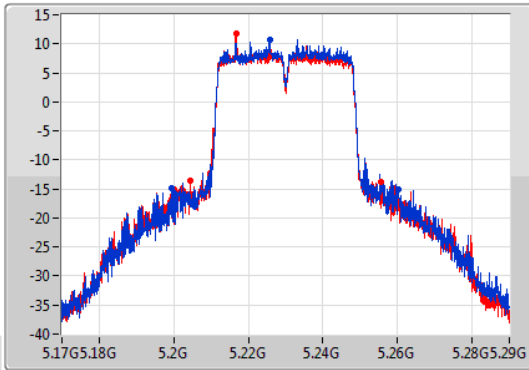
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

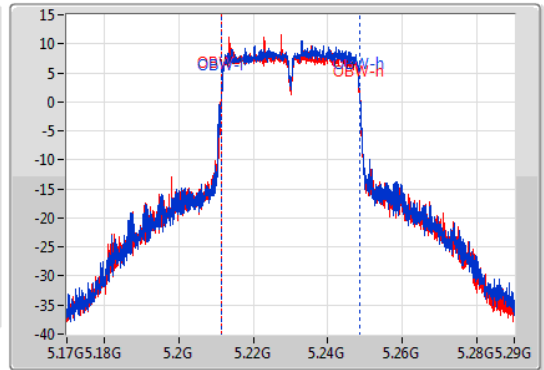
5230MHz

25/12/2019

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



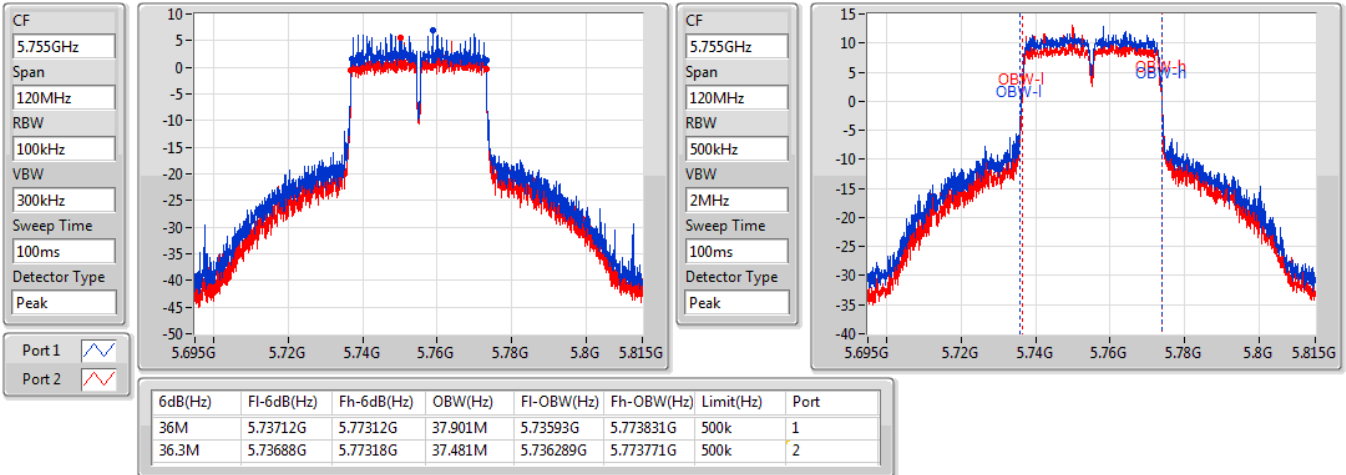
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
60.66M	5.19952G	5.26018G	36.882M	5.211589G	5.248471G	Inf	1
51M	5.20456G	5.25556G	36.942M	5.211529G	5.248471G	Inf	2

802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

25/12/2019

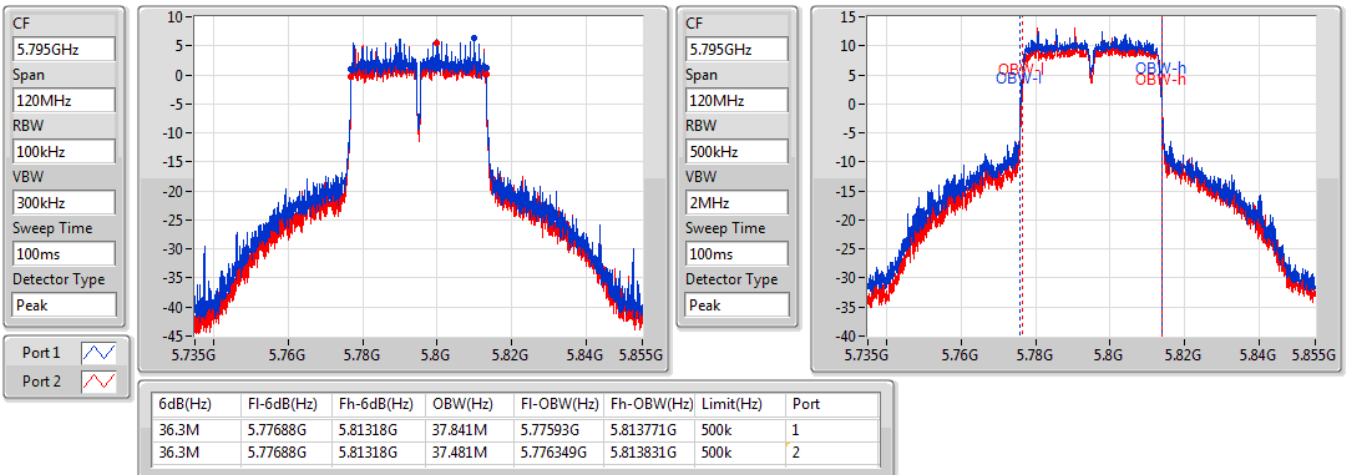


802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

25/12/2019

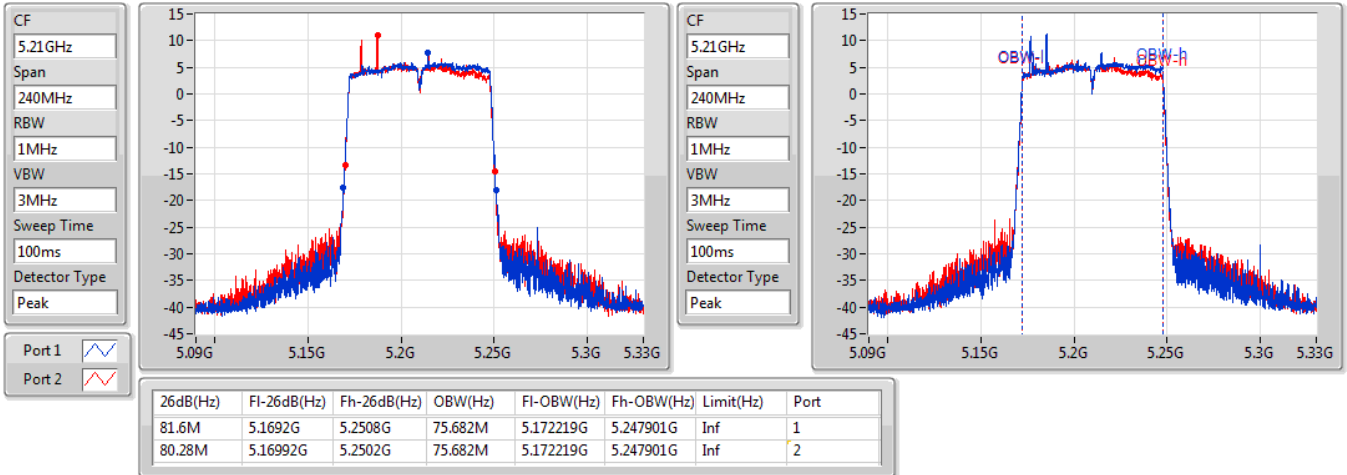


802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5210MHz

25/12/2019

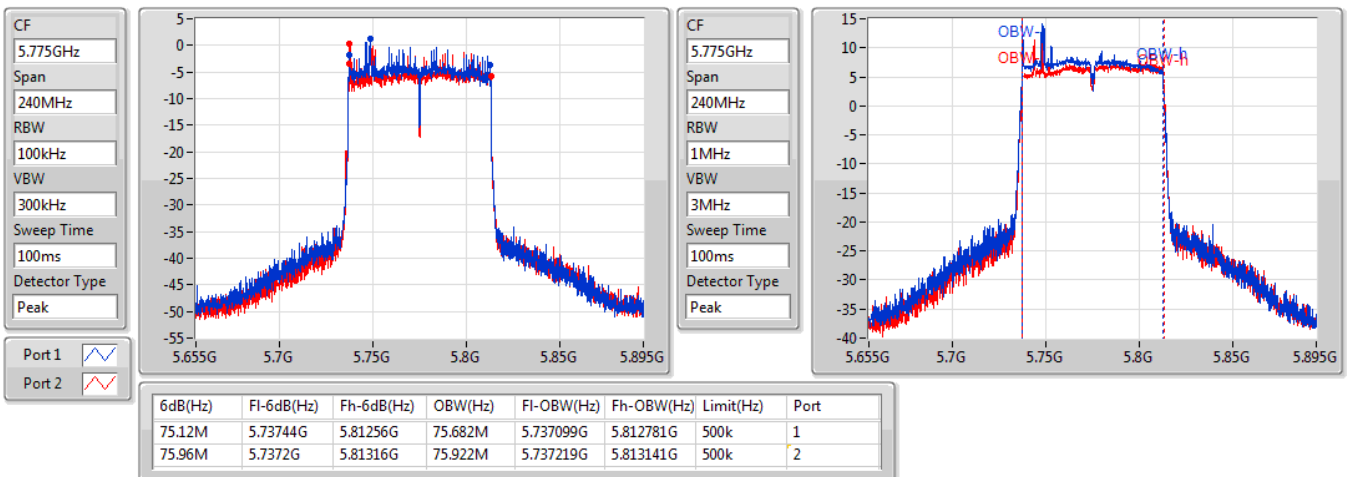


802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

25/12/2019

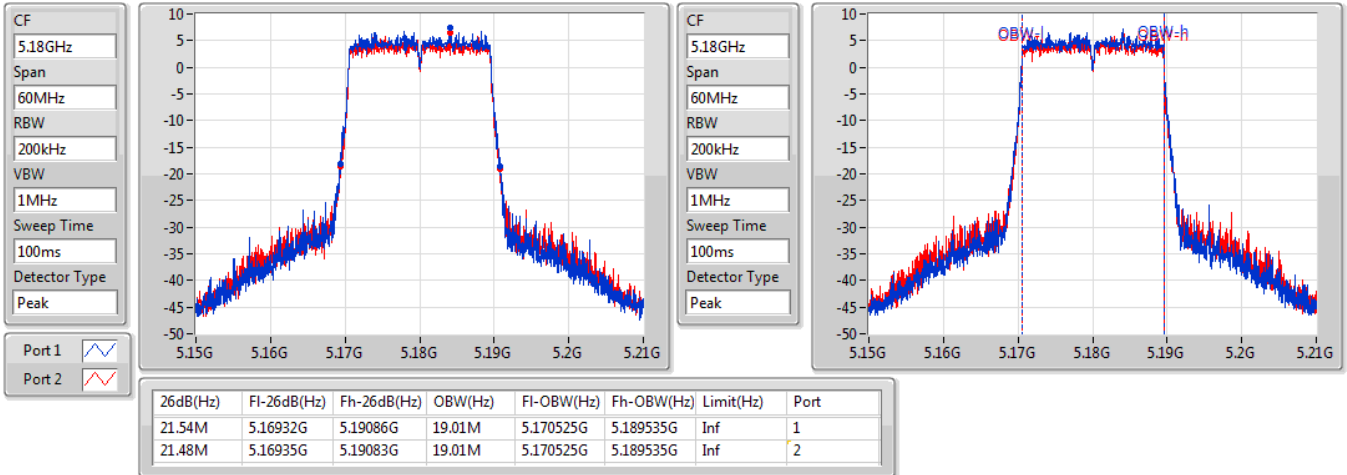


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5180MHz

25/12/2019

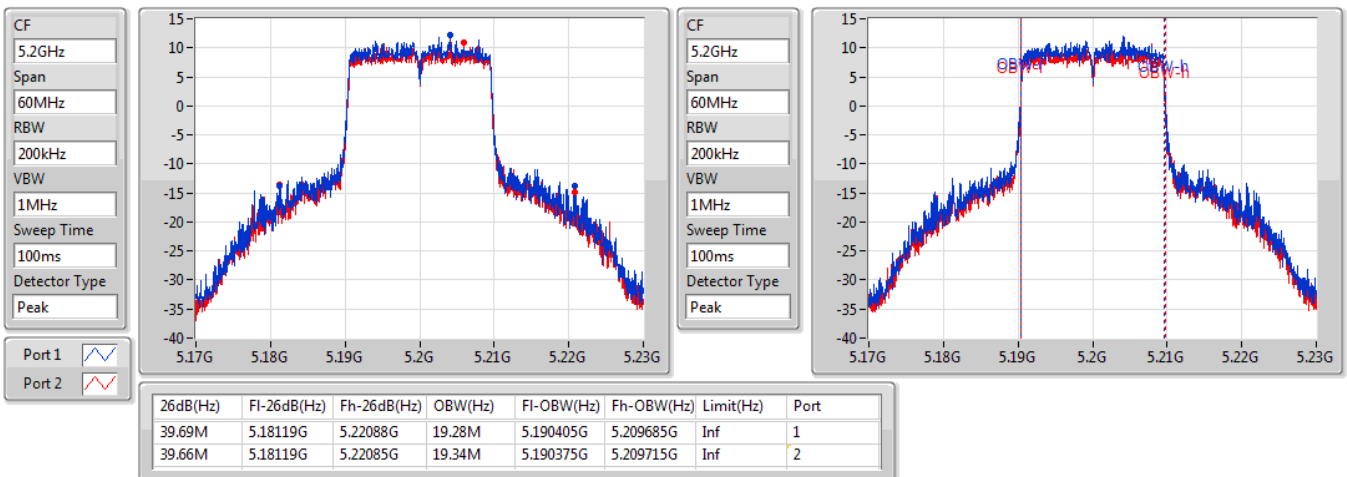


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5200MHz

25/12/2019



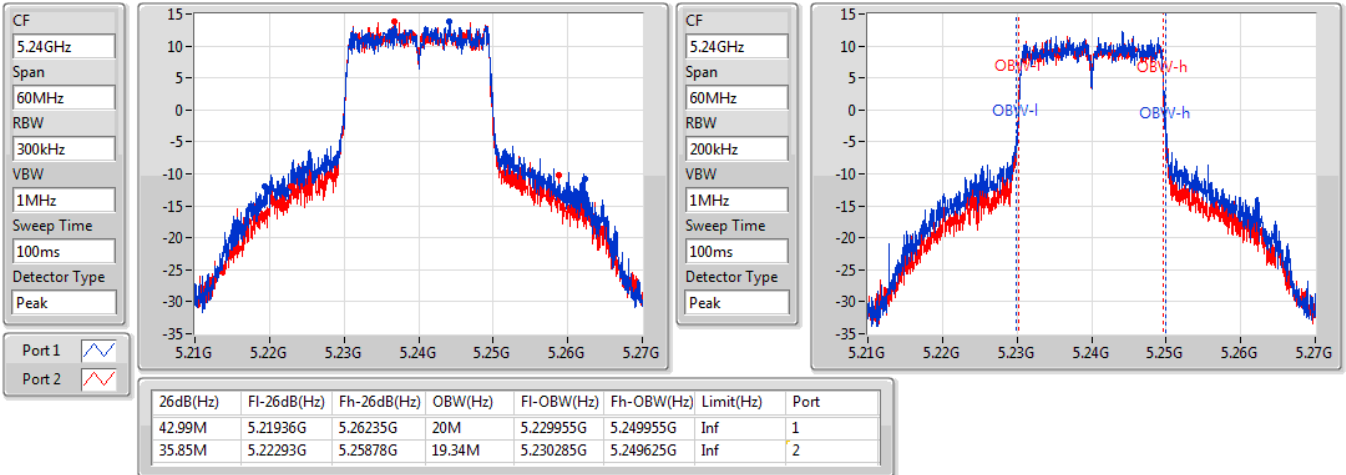


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

02/01/2020

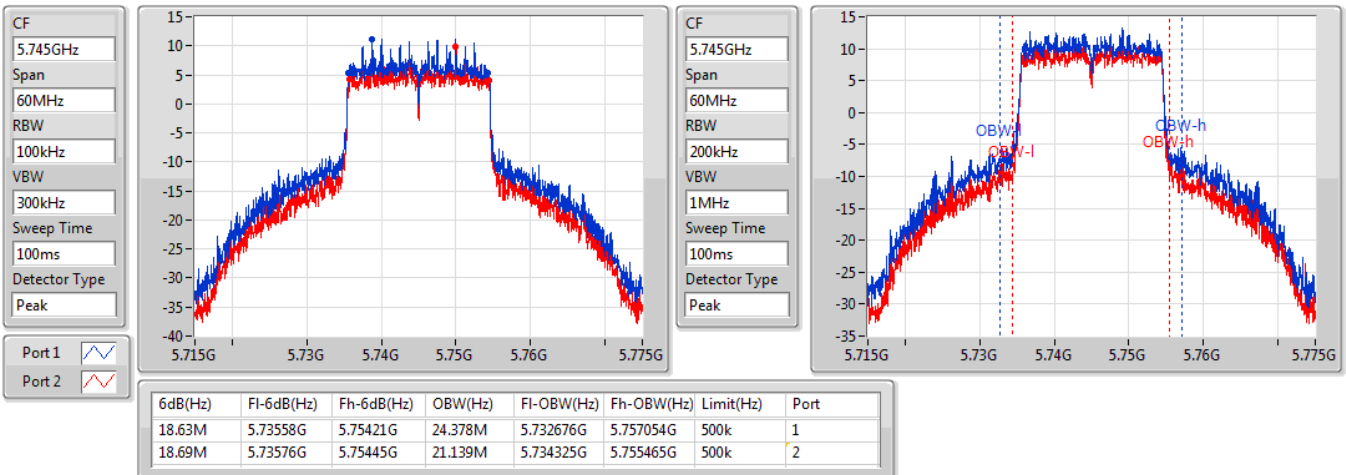


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5745MHz

25/12/2019



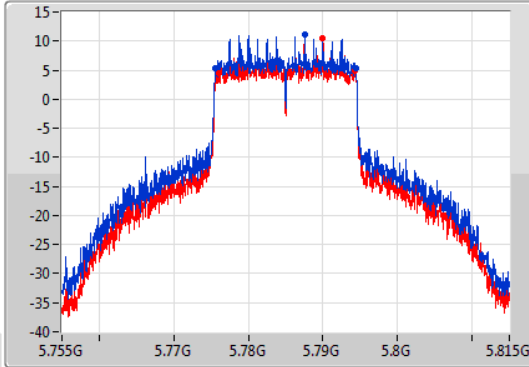
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

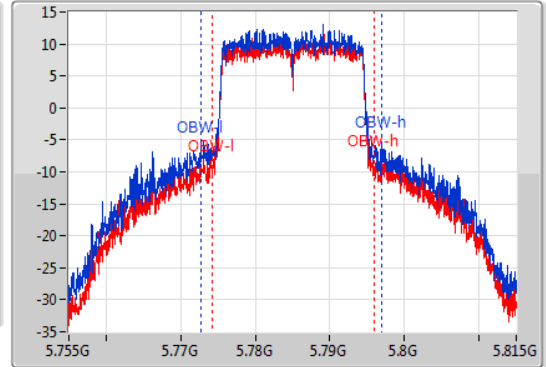
5785MHz

25/12/2019

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.77561G	5.79445G	24.348M	5.772676G	5.797024G	500k	1
18.21M	5.776G	5.79421G	21.709M	5.774295G	5.796004G	500k	2

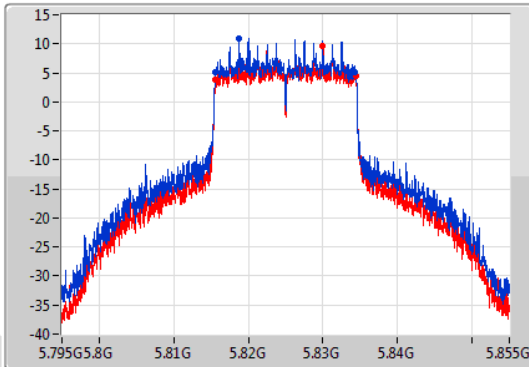
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

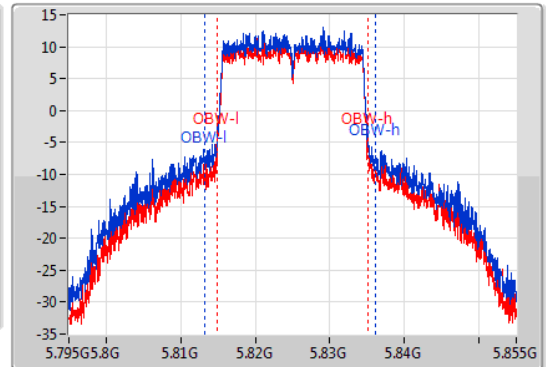
5825MHz

25/12/2019

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



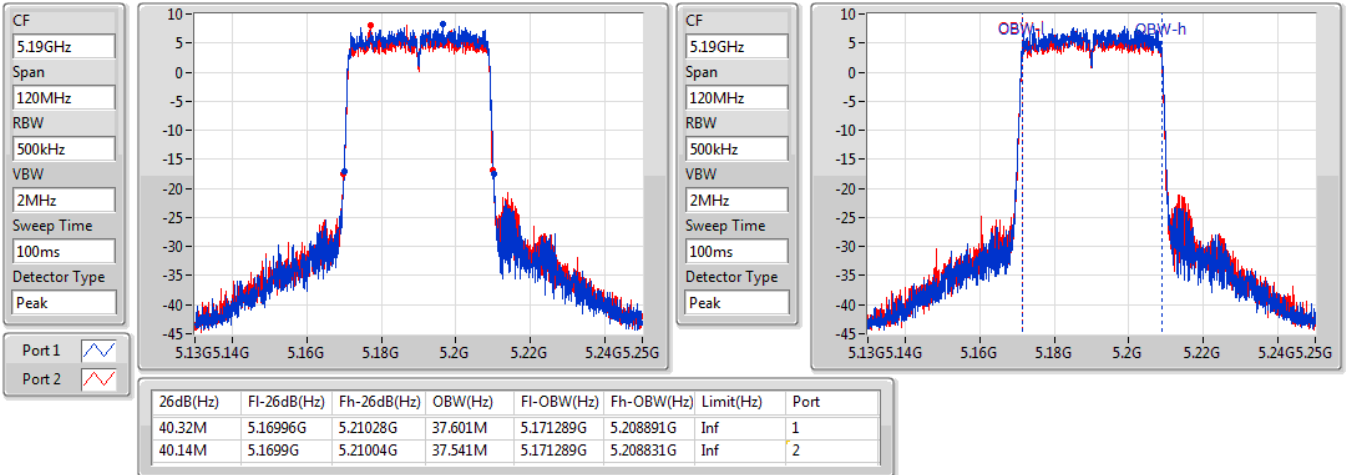
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.81558G	5.83433G	22.909M	5.813186G	5.836094G	500k	1
18.84M	5.81558G	5.83442G	20.33M	5.814805G	5.835135G	500k	2

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5190MHz

25/12/2019

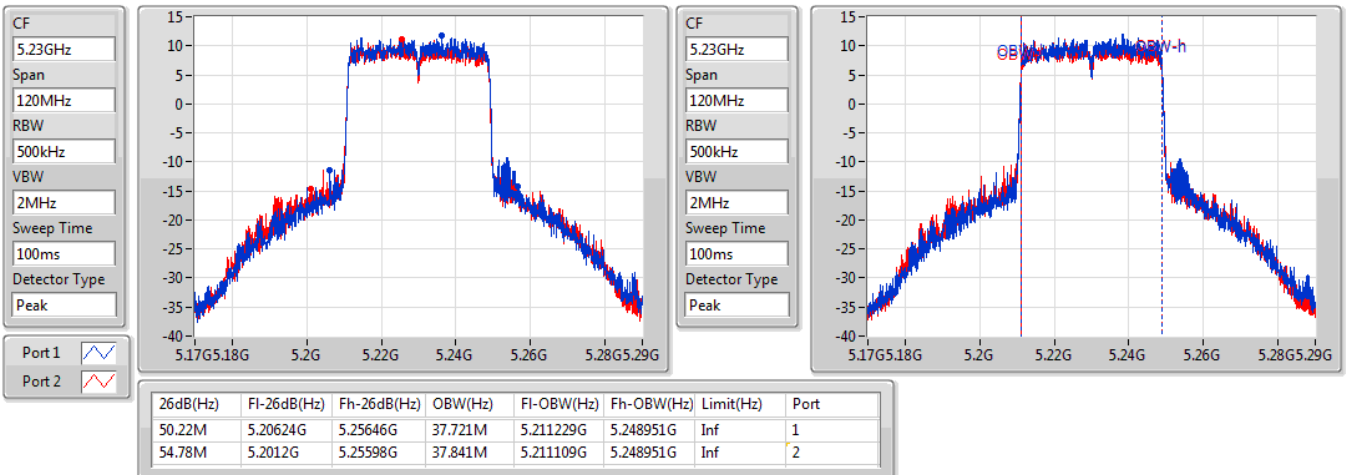


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5230MHz

25/12/2019



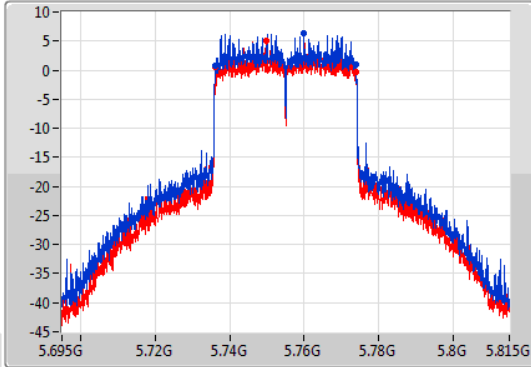
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

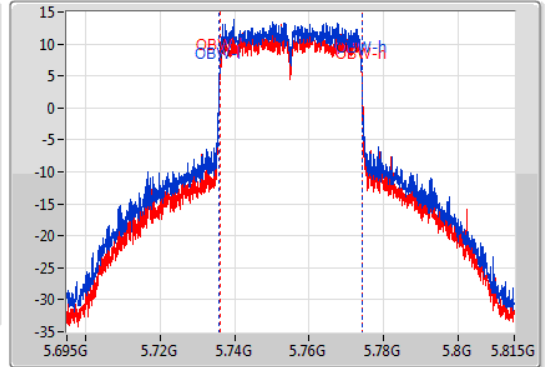
5755MHz

25/12/2019

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.73622G	5.77384G	38.141M	5.73593G	5.77407G	500k	1
37.68M	5.73622G	5.7739G	38.081M	5.73599G	5.77407G	500k	2

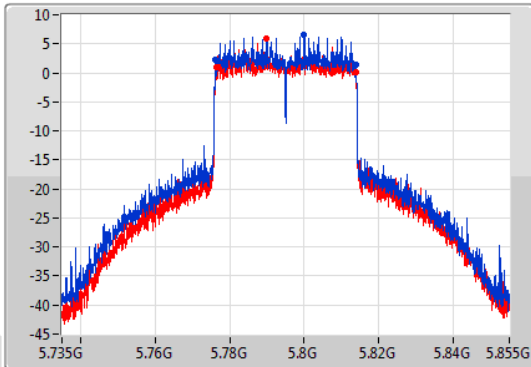
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

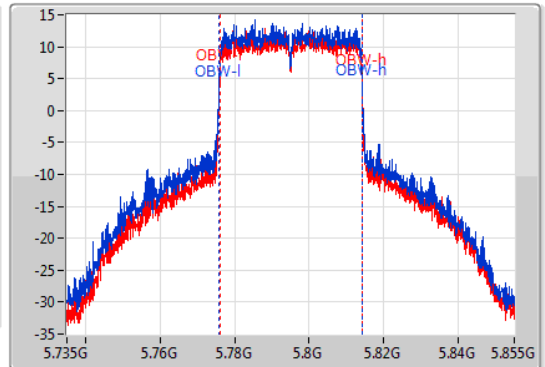
5795MHz

25/12/2019

CF  
5.795GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.795GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



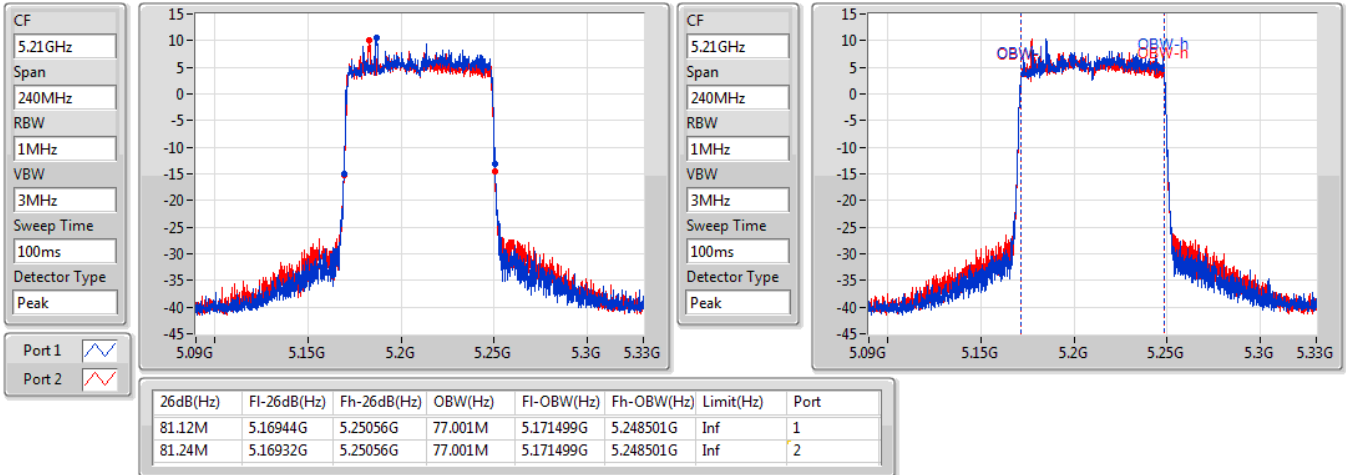
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.77628G	5.81378G	38.501M	5.77575G	5.81425G	500k	1
37.32M	5.77658G	5.8139G	38.201M	5.77599G	5.81419G	500k	2

802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5210MHz

25/12/2019

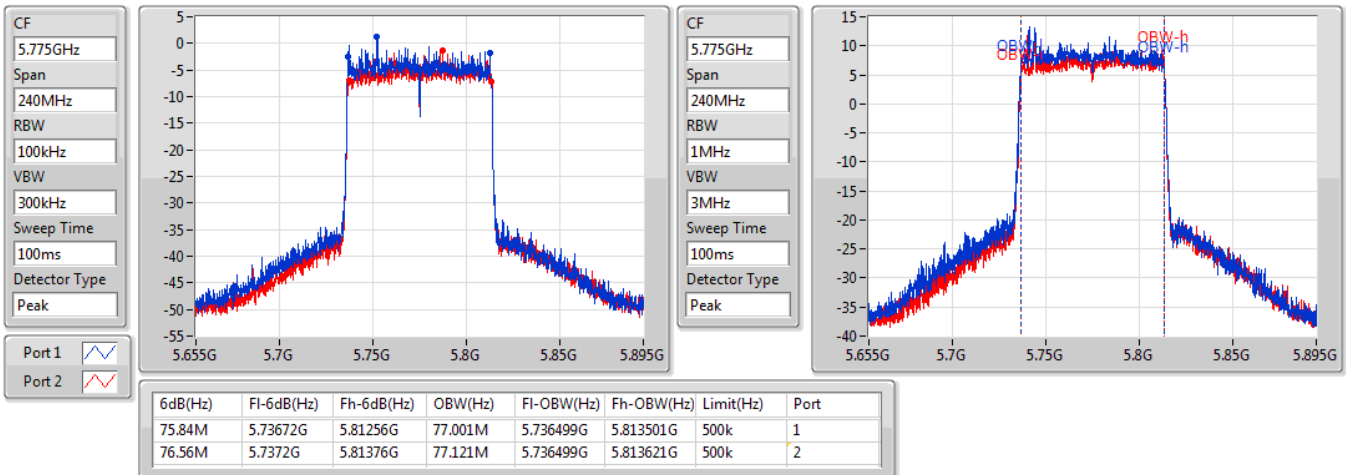


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

25/12/2019





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	27.84M	18.081M	18M1D1D	21.51M	17.901M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	64.74M	37.121M	37M1D1D	39.96M	36.402M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.88M	75.682M	75M7D1D	80.4M	75.562M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	30.51M	19.16M	19M2D1D	21.51M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	61.44M	37.901M	37M9D1D	39.96M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81M	77.121M	77M1D1D	80.88M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.58M	17.991M	18M0D1D	17.55M	17.961M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.36M	36.882M	36M9D1D	35.52M	36.762M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	75.96M	75.802M	75M8D1D	70.08M	75.682M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.93M	19.1M	19M1D1D	18.84M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.74M	37.841M	37M8D1D	35.22M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.32M	77.241M	77M2D1D	73.32M	77.001M

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

**Max-OBW** = Maximum 99% occupied bandwidth;

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

**Min-OBW** = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.57M	17.901M	21.51M	17.901M
5200MHz	Pass	Inf	27.84M	18.081M	27.27M	18.051M
5240MHz	Pass	Inf	26.46M	18.021M	26.61M	18.051M
5745MHz	Pass	500k	17.58M	17.961M	17.55M	17.961M
5785MHz	Pass	500k	17.58M	17.991M	17.55M	17.991M
5825MHz	Pass	500k	17.55M	17.961M	17.58M	17.961M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	36.462M	39.96M	36.402M
5230MHz	Pass	Inf	64.74M	37.121M	57.9M	37.001M
5755MHz	Pass	500k	36.36M	36.762M	36.06M	36.822M
5795MHz	Pass	500k	36.3M	36.822M	35.52M	36.882M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	75.682M	80.4M	75.562M
5775MHz	Pass	500k	70.08M	75.682M	75.96M	75.802M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	19.01M	21.51M	19.01M
5200MHz	Pass	Inf	27.06M	19.1M	27.9M	19.16M
5240MHz	Pass	Inf	30.51M	19.1M	26.61M	19.13M
5745MHz	Pass	500k	18.9M	19.07M	18.93M	19.1M
5785MHz	Pass	500k	18.93M	19.07M	18.84M	19.1M
5825MHz	Pass	500k	18.87M	19.07M	18.9M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	37.601M	40.08M	37.541M
5230MHz	Pass	Inf	57.06M	37.841M	61.44M	37.901M
5755MHz	Pass	500k	37.56M	37.841M	37.14M	37.781M
5795MHz	Pass	500k	37.74M	37.781M	35.22M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81M	77.121M	80.88M	77.001M
5775MHz	Pass	500k	73.32M	77.001M	76.32M	77.241M

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;

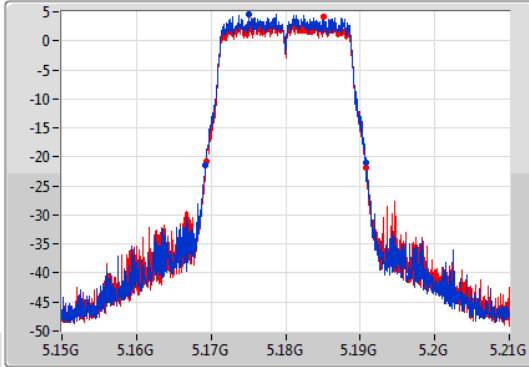
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

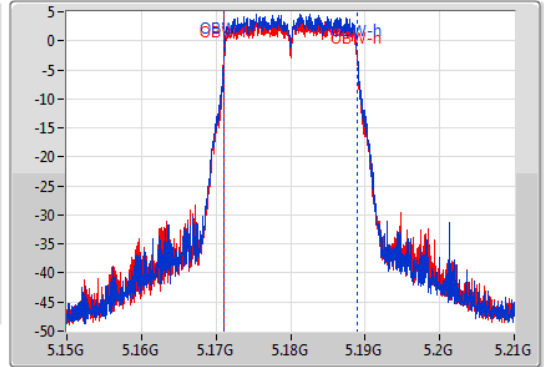
5180MHz

25/12/2019

CF: 5.18GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.18GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.16926G	5.19083G	17.901M	5.171064G	5.188966G	Inf	1
21.51M	5.16932G	5.19083G	17.901M	5.171064G	5.188966G	Inf	2

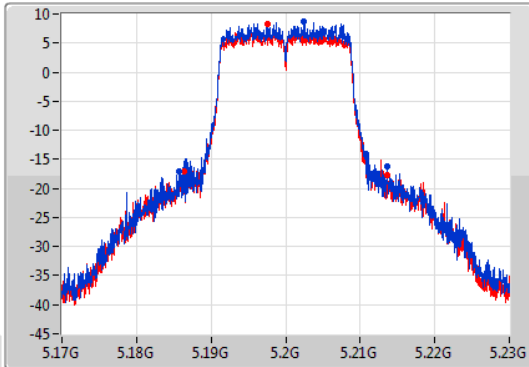
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

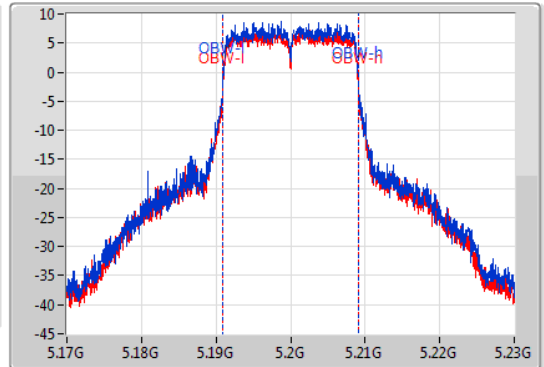
5200MHz

25/12/2019

CF: 5.2GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.2GHz  
 Span: 60MHz  
 RBW: 200kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.84M	5.18578G	5.21362G	18.081M	5.190975G	5.209055G	Inf	1
27.27M	5.18632G	5.21359G	18.051M	5.190975G	5.209025G	Inf	2

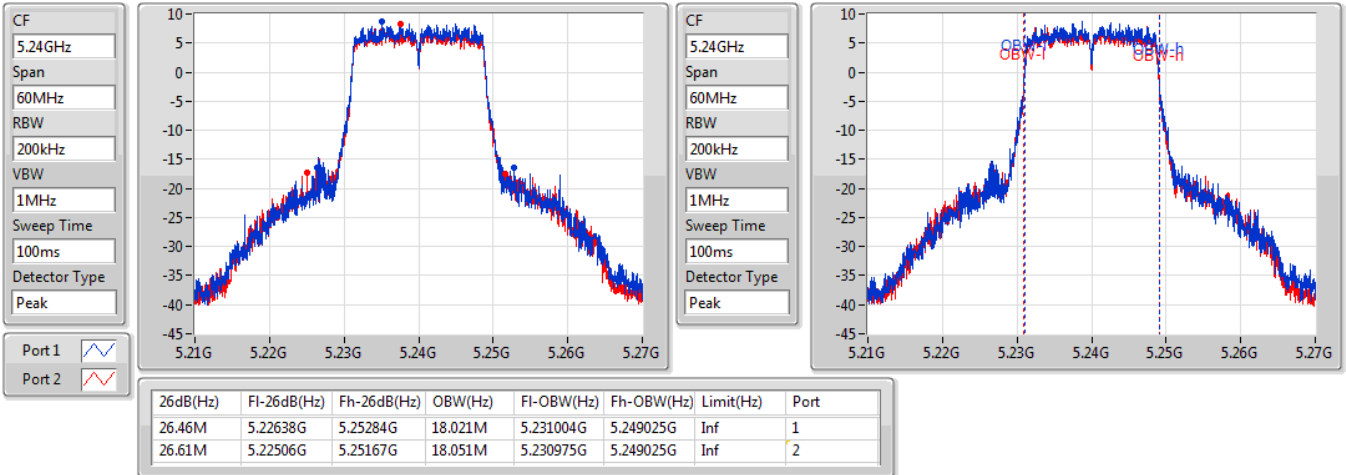


802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

25/12/2019

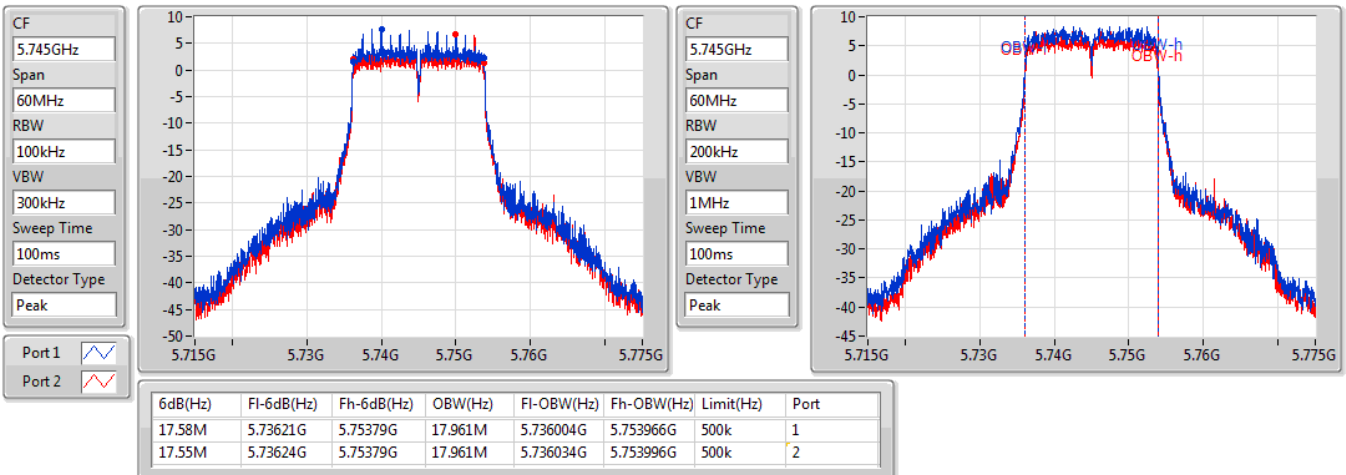


802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

5745MHz

25/12/2019



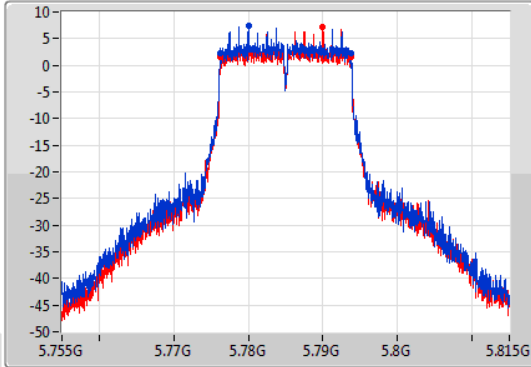
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

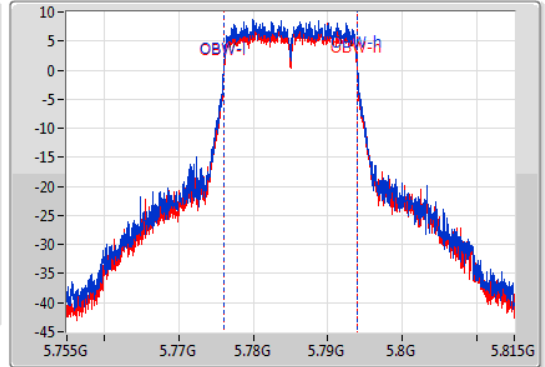
5785MHz

25/12/2019

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.77621G	5.79379G	17.991M	5.776004G	5.793996G	500k	1
17.55M	5.77624G	5.79379G	17.991M	5.776004G	5.793996G	500k	2

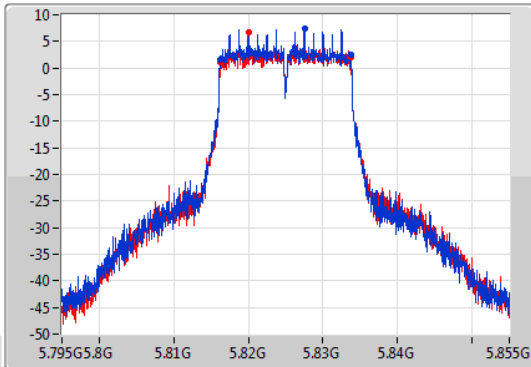
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

EBW

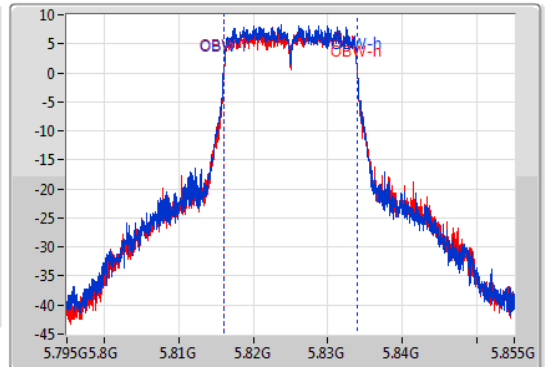
5825MHz

25/12/2019

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



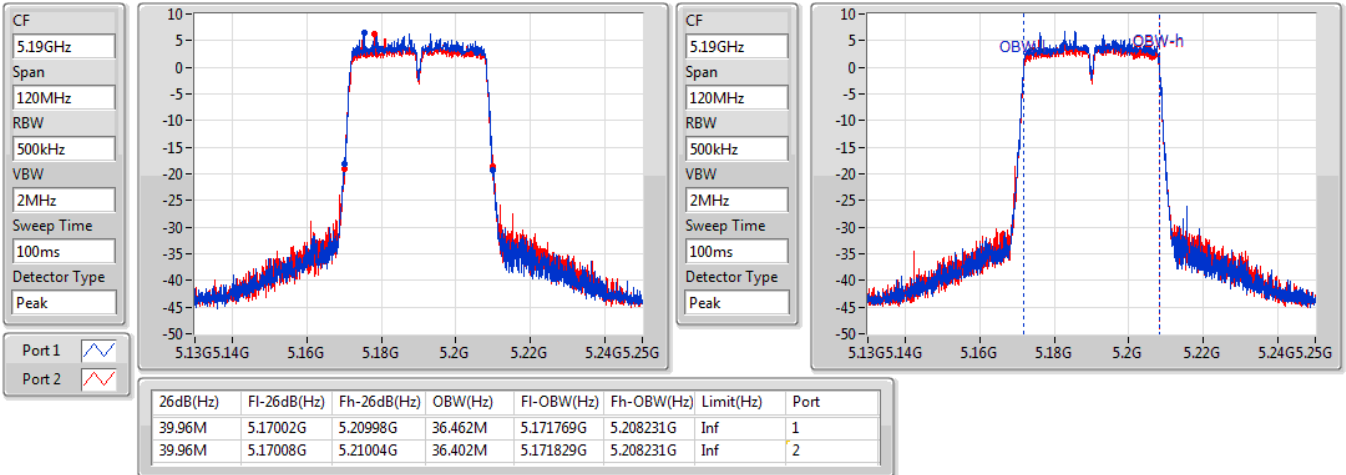
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81624G	5.83379G	17.961M	5.816004G	5.833966G	500k	1
17.58M	5.81621G	5.83379G	17.961M	5.816034G	5.833996G	500k	2

802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5190MHz

25/12/2019

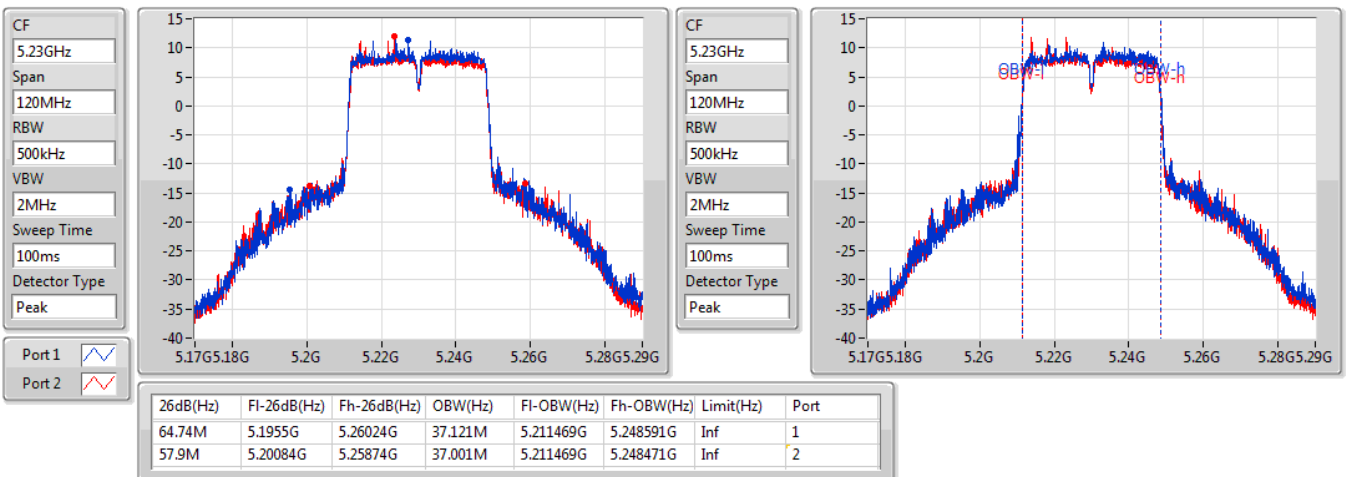


802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5230MHz

25/12/2019

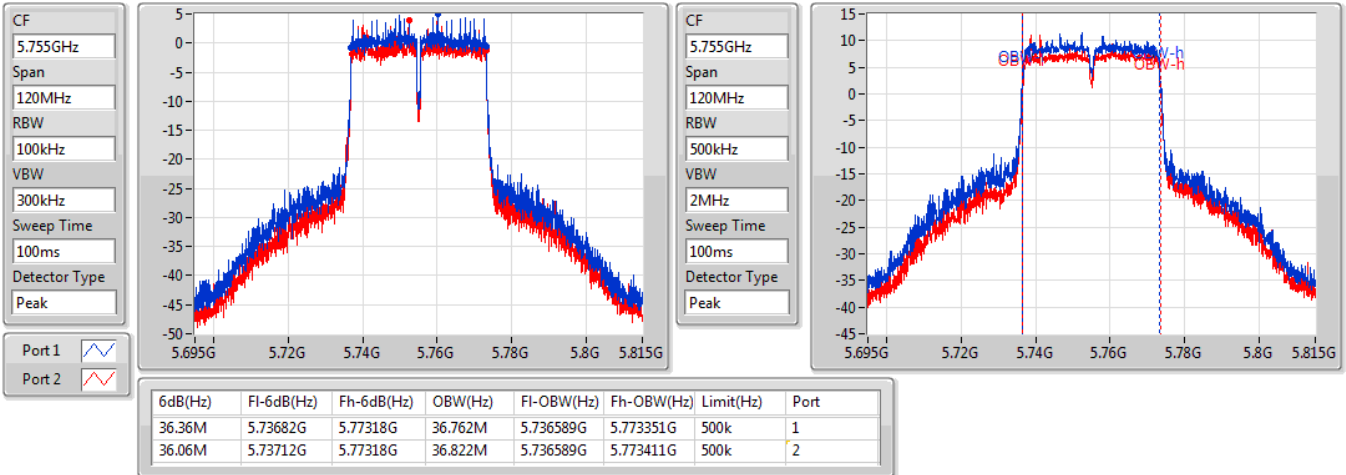


802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

25/12/2019

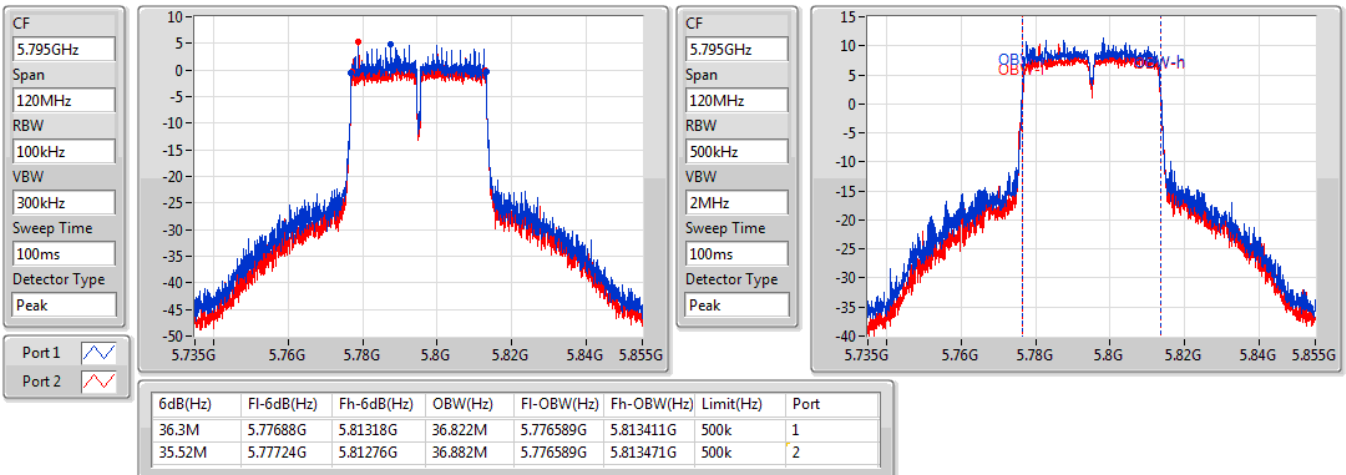


802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

25/12/2019



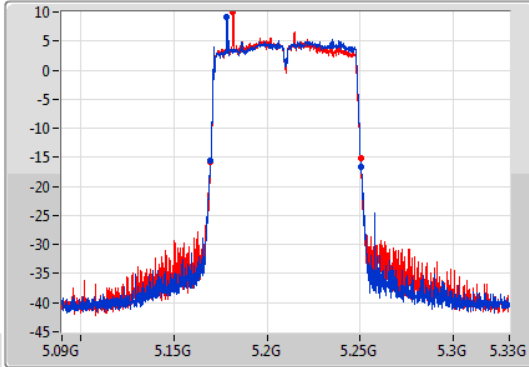
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

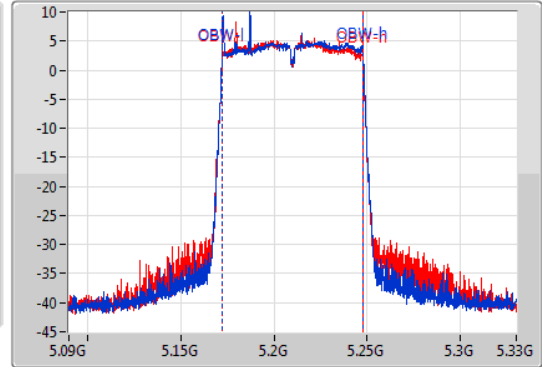
5210MHz

25/12/2019

CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.1698G	5.25068G	75.682M	5.172219G	5.247901G	Inf	1
80.4M	5.1698G	5.2502G	75.562M	5.172219G	5.247781G	Inf	2

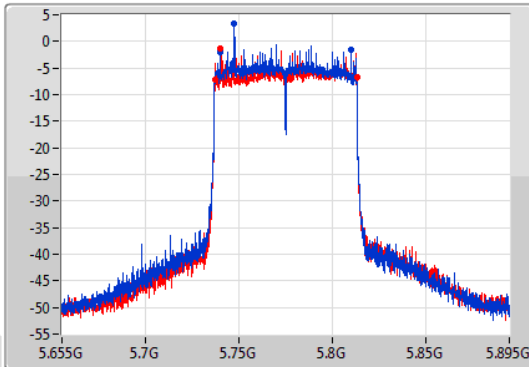
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

EBW

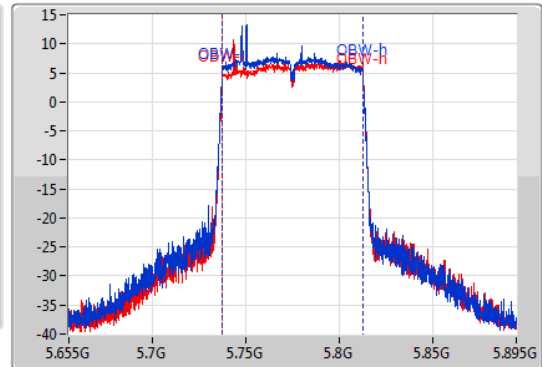
5775MHz

25/12/2019

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.08M	5.73996G	5.81004G	75.682M	5.737099G	5.812781G	500k	1
75.96M	5.7372G	5.81316G	75.802M	5.737219G	5.813021G	500k	2

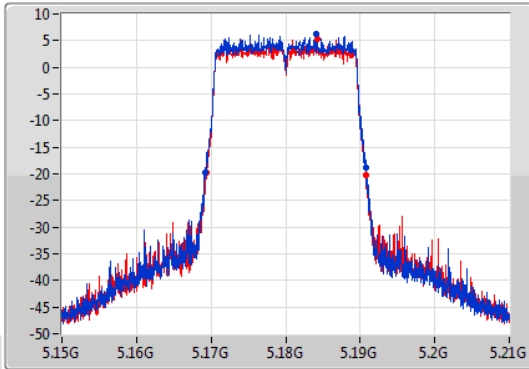
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

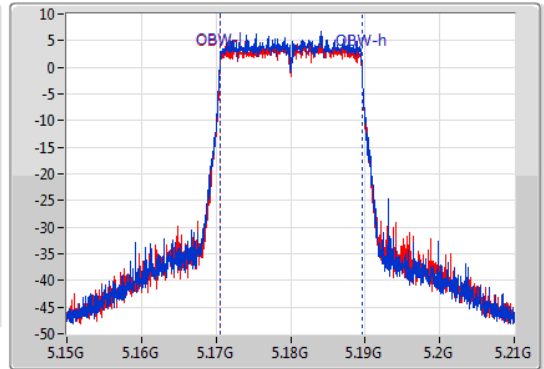
5180MHz

25/12/2019

CF  
5.18GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.1692G	5.1908G	19.01M	5.170525G	5.189535G	Inf	1
21.51M	5.16935G	5.19086G	19.01M	5.170525G	5.189535G	Inf	2

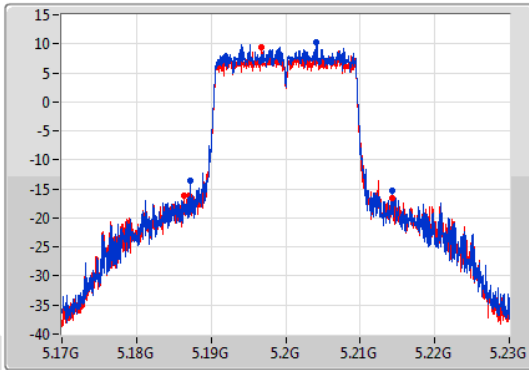
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

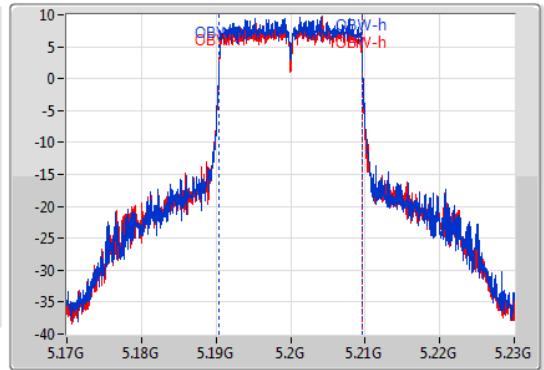
5200MHz

25/12/2019

CF  
5.2GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



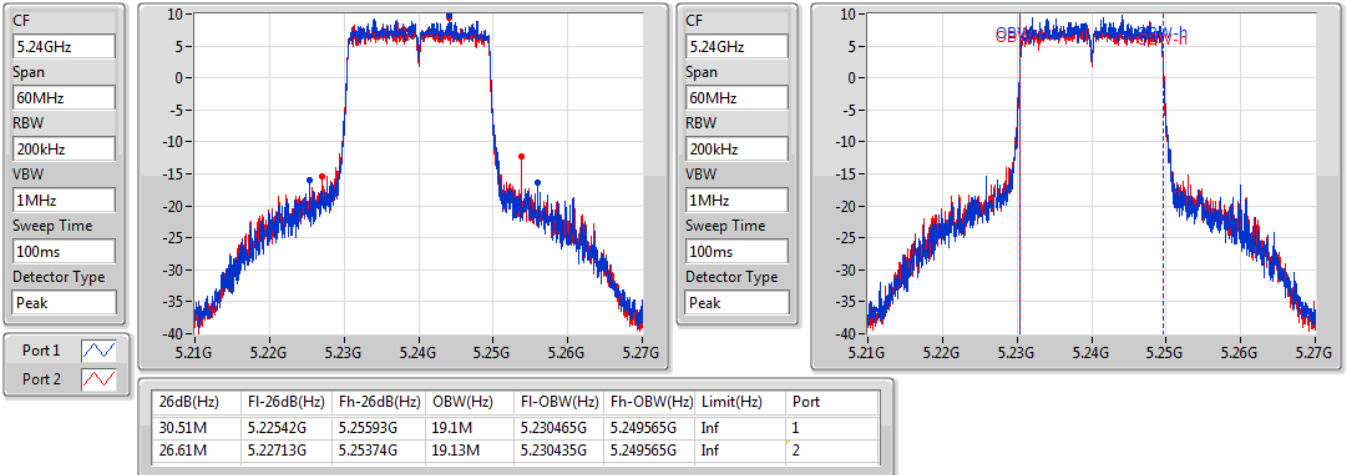
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.06M	5.18722G	5.21428G	19.1M	5.190465G	5.209565G	Inf	1
27.9M	5.18638G	5.21428G	19.16M	5.190435G	5.209595G	Inf	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5240MHz

25/12/2019

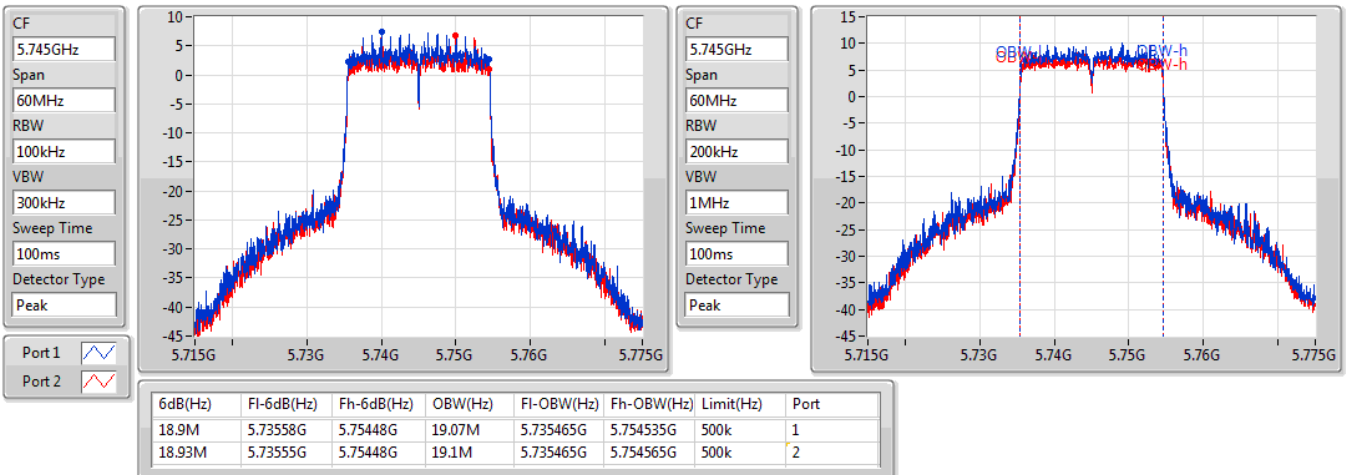


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

5745MHz

25/12/2019



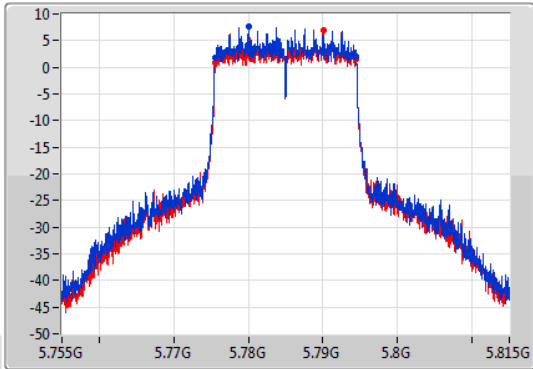
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

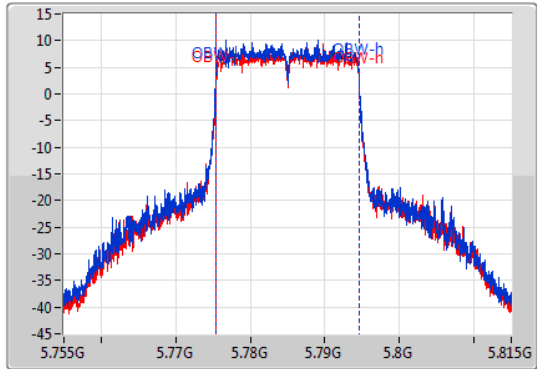
5785MHz

25/12/2019

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.77555G	5.79448G	19.07M	5.775465G	5.794535G	500k	1
18.84M	5.77564G	5.79448G	19.1M	5.775465G	5.794565G	500k	2

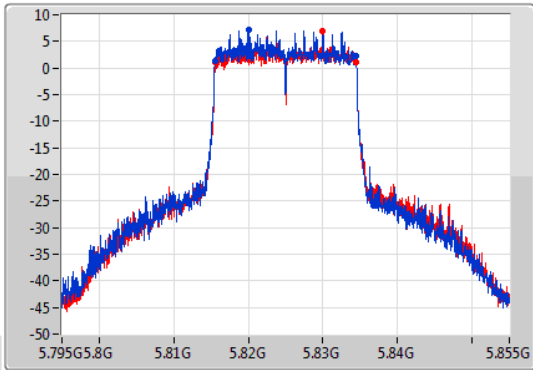
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

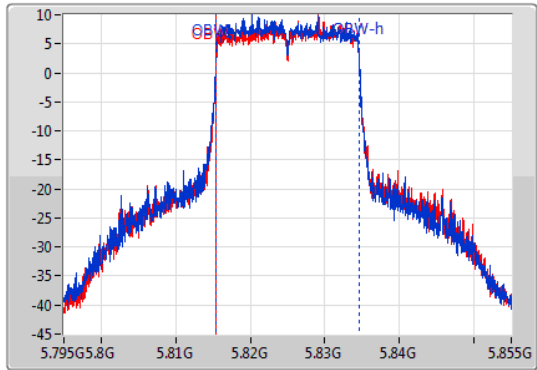
5825MHz

25/12/2019

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.81555G	5.83442G	19.07M	5.815465G	5.834535G	500k	1
18.9M	5.81561G	5.83451G	19.1M	5.815465G	5.834565G	500k	2



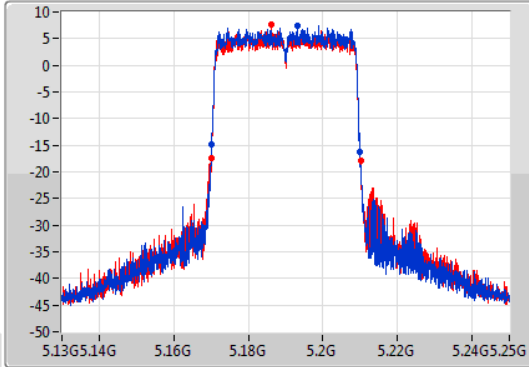
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

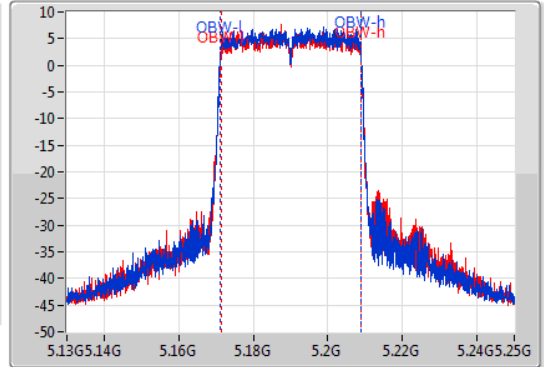
5190MHz

25/12/2019

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.17002G	5.20998G	37.601M	5.171229G	5.208831G	Inf	1
40.08M	5.17008G	5.21016G	37.541M	5.171289G	5.208831G	Inf	2

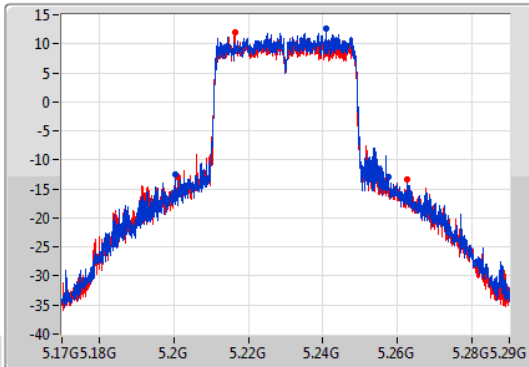
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

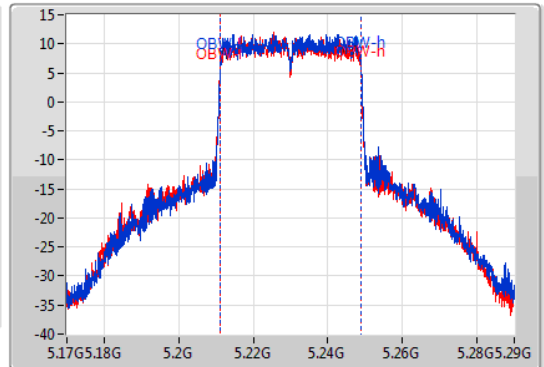
5230MHz

25/12/2019

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



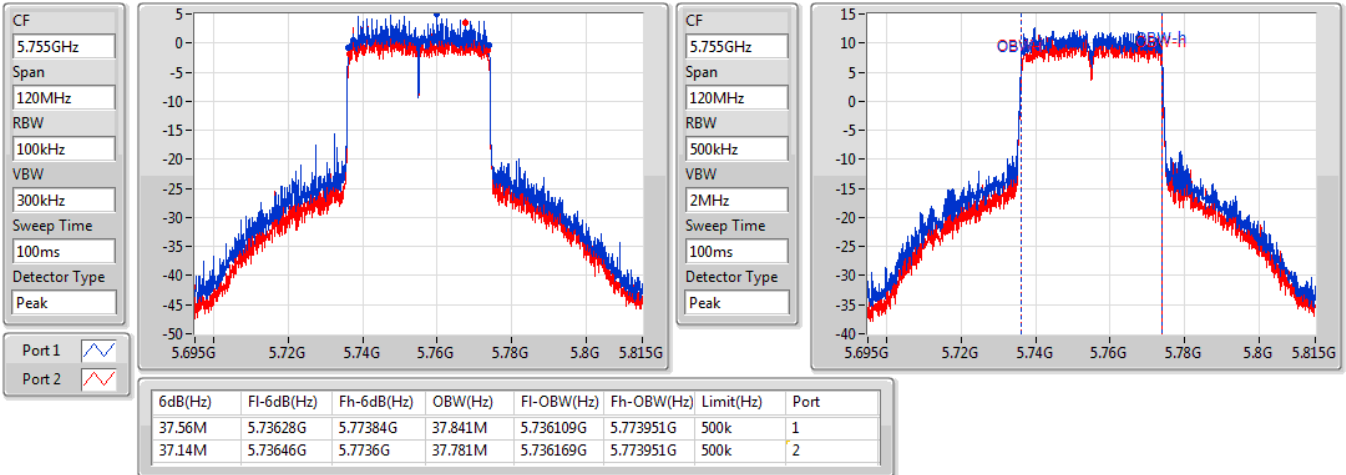
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
57.06M	5.20042G	5.25748G	37.841M	5.211169G	5.24901G	Inf	1
61.44M	5.20114G	5.26258G	37.901M	5.211049G	5.248951G	Inf	2

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5755MHz

25/12/2019

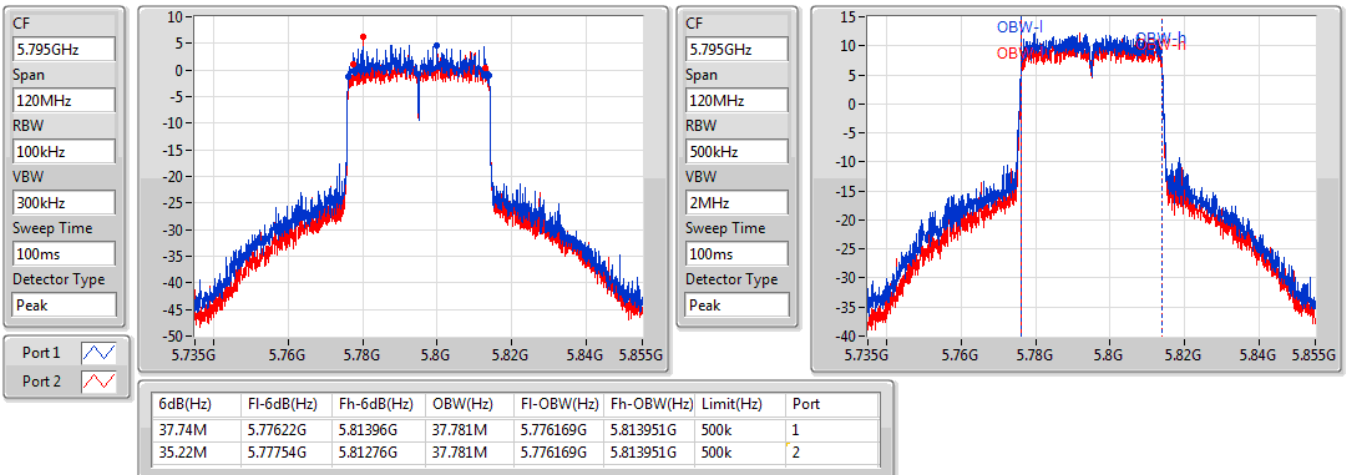


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

5795MHz

25/12/2019

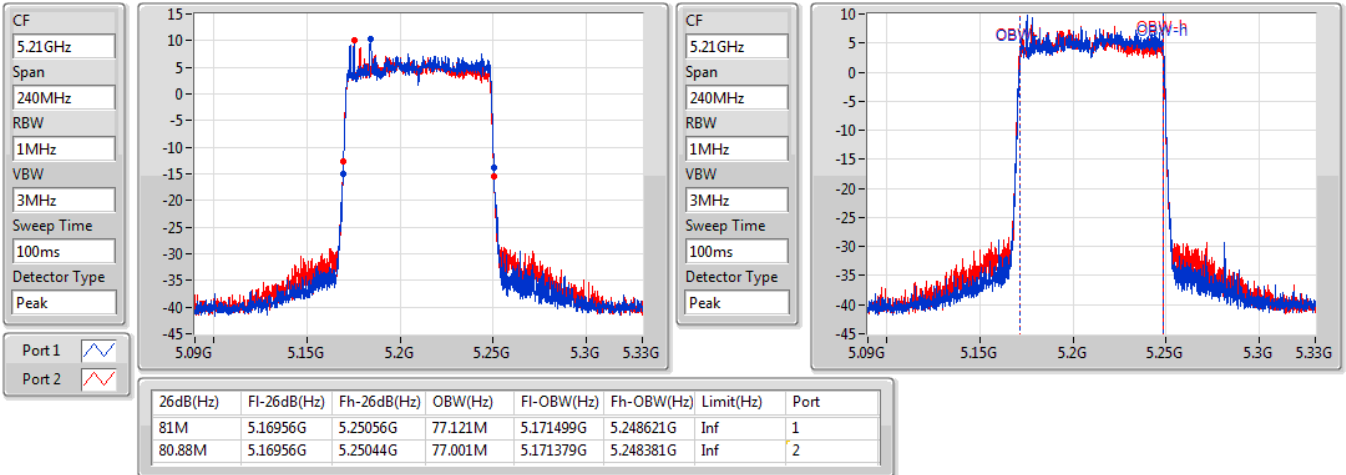


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5210MHz

25/12/2019

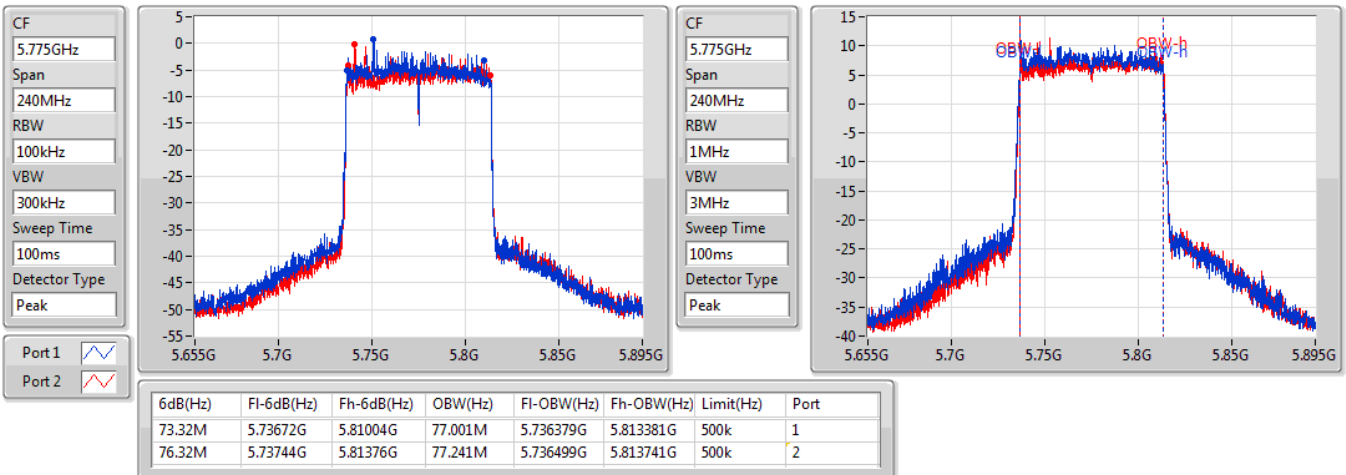


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

5775MHz

25/12/2019





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.61	0.18239	27.78	0.59979
802.11ac VHT20_Nss1,(MCS0)_1TX	21.80	0.15136	26.97	0.49774
802.11ac VHT40_Nss1,(MCS0)_1TX	20.73	0.11830	25.90	0.38905
802.11ac VHT80_Nss1,(MCS0)_1TX	16.49	0.04457	21.66	0.14655
802.11ax HEW20_Nss1,(MCS0)_1TX	21.95	0.15668	27.12	0.51523
802.11ax HEW40_Nss1,(MCS0)_1TX	20.99	0.12560	26.16	0.41305
802.11ax HEW80_Nss1,(MCS0)_1TX	16.83	0.04819	22.00	0.15849
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.83	0.24155	29.00	0.79433
802.11ac VHT20_Nss1,(MCS0)_1TX	23.70	0.23442	28.87	0.77090
802.11ac VHT40_Nss1,(MCS0)_1TX	23.31	0.21429	28.48	0.70469
802.11ac VHT80_Nss1,(MCS0)_1TX	20.30	0.10715	25.47	0.35237
802.11ax HEW20_Nss1,(MCS0)_1TX	24.02	0.25235	29.19	0.82985
802.11ax HEW40_Nss1,(MCS0)_1TX	23.39	0.21827	28.56	0.71779
802.11ax HEW80_Nss1,(MCS0)_1TX	20.45	0.11092	25.62	0.36475



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	19.66	19.66	30.00	24.83	36.00
5200MHz	Pass	5.17	22.61	22.61	30.00	27.78	36.00
5240MHz	Pass	5.17	20.81	20.81	30.00	25.98	36.00
5745MHz	Pass	5.17	23.83	23.83	30.00	29.00	36.00
5785MHz	Pass	5.17	20.62	20.62	30.00	25.79	36.00
5825MHz	Pass	5.17	20.87	20.87	30.00	26.04	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	18.71	18.71	30.00	23.88	36.00
5200MHz	Pass	5.17	21.80	21.80	30.00	26.97	36.00
5240MHz	Pass	5.17	20.46	20.46	30.00	25.63	36.00
5745MHz	Pass	5.17	23.70	23.70	30.00	28.87	36.00
5785MHz	Pass	5.17	21.01	21.01	30.00	26.18	36.00
5825MHz	Pass	5.17	21.86	21.86	30.00	27.03	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	17.14	17.14	30.00	22.31	36.00
5230MHz	Pass	5.17	20.73	20.73	30.00	25.90	36.00
5755MHz	Pass	5.17	22.61	22.61	30.00	27.78	36.00
5795MHz	Pass	5.17	23.31	23.31	30.00	28.48	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	16.49	16.49	30.00	21.66	36.00
5775MHz	Pass	5.17	20.30	20.30	30.00	25.47	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	19.02	19.02	30.00	24.19	36.00
5200MHz	Pass	5.17	21.95	21.95	30.00	27.12	36.00
5240MHz	Pass	5.17	20.77	20.77	30.00	25.94	36.00
5745MHz	Pass	5.17	24.02	24.02	30.00	29.19	36.00
5785MHz	Pass	5.17	21.21	21.21	30.00	26.38	36.00
5825MHz	Pass	5.17	22.12	22.12	30.00	27.29	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	17.41	17.41	30.00	22.58	36.00
5230MHz	Pass	5.17	20.99	20.99	30.00	26.16	36.00
5755MHz	Pass	5.17	22.64	22.64	30.00	27.81	36.00
5795MHz	Pass	5.17	23.39	23.39	30.00	28.56	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	16.83	16.83	30.00	22.00	36.00
5775MHz	Pass	5.17	20.45	20.45	30.00	25.62	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.55	0.35892	30.72	1.18032
802.11ac VHT20_Nss2,(MCS0)_2TX	24.74	0.29785	29.86	0.96828
802.11ac VHT40_Nss2,(MCS0)_2TX	23.29	0.21330	28.41	0.69343
802.11ac VHT80_Nss2,(MCS0)_2TX	19.22	0.08356	24.34	0.27164
802.11ax HEW20_Nss2,(MCS0)_2TX	24.80	0.30200	29.92	0.98175
802.11ax HEW40_Nss2,(MCS0)_2TX	23.69	0.23388	28.81	0.76033
802.11ax HEW80_Nss2,(MCS0)_2TX	19.59	0.09099	24.71	0.29580
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.11	0.51404	32.28	1.69044
802.11ac VHT20_Nss2,(MCS0)_2TX	26.50	0.44668	31.62	1.45211
802.11ac VHT40_Nss2,(MCS0)_2TX	25.93	0.39174	31.05	1.27350
802.11ac VHT80_Nss2,(MCS0)_2TX	24.11	0.25763	29.23	0.83753
802.11ax HEW20_Nss2,(MCS0)_2TX	26.72	0.46989	31.84	1.52757
802.11ax HEW40_Nss2,(MCS0)_2TX	26.01	0.39902	31.13	1.29718
802.11ax HEW80_Nss2,(MCS0)_2TX	24.12	0.25823	29.24	0.83946



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.17	19.18	18.71	21.96	30.00	27.13	36.00
5200MHz	Pass	5.17	22.94	22.10	25.55	30.00	30.72	36.00
5240MHz	Pass	5.17	20.18	19.16	22.71	30.00	27.88	36.00
5745MHz	Pass	5.17	24.10	24.10	27.11	30.00	32.28	36.00
5785MHz	Pass	5.17	20.52	20.19	23.37	30.00	28.54	36.00
5825MHz	Pass	5.17	21.26	20.72	24.01	30.00	29.18	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.12	18.60	18.27	21.45	30.00	26.57	36.00
5200MHz	Pass	5.12	21.93	21.53	24.74	30.00	29.86	36.00
5240MHz	Pass	5.12	20.78	20.18	23.50	30.00	28.62	36.00
5745MHz	Pass	5.12	23.48	23.50	26.50	30.00	31.62	36.00
5785MHz	Pass	5.12	21.69	21.44	24.58	30.00	29.70	36.00
5825MHz	Pass	5.12	22.04	21.74	24.90	30.00	30.02	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.12	15.92	15.66	18.80	30.00	23.92	36.00
5230MHz	Pass	5.12	20.46	20.09	23.29	30.00	28.41	36.00
5755MHz	Pass	5.12	22.44	22.17	25.32	30.00	30.44	36.00
5795MHz	Pass	5.12	22.88	22.96	25.93	30.00	31.05	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.12	16.39	16.02	19.22	30.00	24.34	36.00
5775MHz	Pass	5.12	21.08	21.12	24.11	30.00	29.23	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.12	18.76	18.49	21.64	30.00	26.76	36.00
5200MHz	Pass	5.12	21.97	21.61	24.80	30.00	29.92	36.00
5240MHz	Pass	5.12	21.01	20.58	23.81	30.00	28.93	36.00
5745MHz	Pass	5.12	23.77	23.64	26.72	30.00	31.84	36.00
5785MHz	Pass	5.12	21.74	21.65	24.71	30.00	29.83	36.00
5825MHz	Pass	5.12	22.11	21.94	25.04	30.00	30.16	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.12	16.14	16.00	19.08	30.00	24.20	36.00
5230MHz	Pass	5.12	20.87	20.49	23.69	30.00	28.81	36.00
5755MHz	Pass	5.12	22.52	22.44	25.49	30.00	30.61	36.00
5795MHz	Pass	5.12	23.05	22.94	26.01	30.00	31.13	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.12	16.70	16.45	19.59	30.00	24.71	36.00
5775MHz	Pass	5.12	21.02	21.19	24.12	30.00	29.24	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.39	0.21827	28.20	0.66069
802.11ac VHT20_Nss1,(MCS0)_1TX	22.55	0.17989	27.36	0.54450
802.11ac VHT40_Nss1,(MCS0)_1TX	21.20	0.13183	26.01	0.39902
802.11ac VHT80_Nss1,(MCS0)_1TX	16.63	0.04603	21.44	0.13932
802.11ax HEW20_Nss1,(MCS0)_1TX	22.68	0.18535	27.49	0.56105
802.11ax HEW40_Nss1,(MCS0)_1TX	21.51	0.14158	26.32	0.42855
802.11ax HEW80_Nss1,(MCS0)_1TX	17.05	0.05070	21.86	0.15346
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	25.10	0.32359	29.91	0.97949
802.11ac VHT20_Nss1,(MCS0)_1TX	25.10	0.32359	29.91	0.97949
802.11ac VHT40_Nss1,(MCS0)_1TX	23.93	0.24717	28.74	0.74817
802.11ac VHT80_Nss1,(MCS0)_1TX	21.24	0.13305	26.05	0.40272
802.11ax HEW20_Nss1,(MCS0)_1TX	25.16	0.32810	29.97	0.99312
802.11ax HEW40_Nss1,(MCS0)_1TX	24.24	0.26546	29.05	0.80353
802.11ax HEW80_Nss1,(MCS0)_1TX	21.49	0.14093	26.30	0.42658





Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	20.59	20.59	30.00	25.40	36.00
5200MHz	Pass	4.81	23.39	23.39	30.00	28.20	36.00
5240MHz	Pass	4.81	21.93	21.93	30.00	26.74	36.00
5745MHz	Pass	4.81	24.83	24.83	30.00	29.64	36.00
5785MHz	Pass	4.81	25.10	25.10	30.00	29.91	36.00
5825MHz	Pass	4.81	24.98	24.98	30.00	29.79	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	19.96	19.96	30.00	24.77	36.00
5200MHz	Pass	4.81	22.55	22.55	30.00	27.36	36.00
5240MHz	Pass	4.81	21.76	21.76	30.00	26.57	36.00
5745MHz	Pass	4.81	23.92	23.92	30.00	28.73	36.00
5785MHz	Pass	4.81	25.10	25.10	30.00	29.91	36.00
5825MHz	Pass	4.81	23.89	23.89	30.00	28.70	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.81	16.90	16.90	30.00	21.71	36.00
5230MHz	Pass	4.81	21.20	21.20	30.00	26.01	36.00
5755MHz	Pass	4.81	23.92	23.92	30.00	28.73	36.00
5795MHz	Pass	4.81	23.93	23.93	30.00	28.74	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.81	16.63	16.63	30.00	21.44	36.00
5775MHz	Pass	4.81	21.24	21.24	30.00	26.05	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.81	20.12	20.12	30.00	24.93	36.00
5200MHz	Pass	4.81	22.68	22.68	30.00	27.49	36.00
5240MHz	Pass	4.81	22.12	22.12	30.00	26.93	36.00
5745MHz	Pass	4.81	24.17	24.17	30.00	28.98	36.00
5785MHz	Pass	4.81	25.16	25.16	30.00	29.97	36.00
5825MHz	Pass	4.81	24.12	24.12	30.00	28.93	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.81	17.23	17.23	30.00	22.04	36.00
5230MHz	Pass	4.81	21.51	21.51	30.00	26.32	36.00
5755MHz	Pass	4.81	24.01	24.01	30.00	28.82	36.00
5795MHz	Pass	4.81	24.24	24.24	30.00	29.05	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.81	17.05	17.05	30.00	21.86	36.00
5775MHz	Pass	4.81	21.49	21.49	30.00	26.30	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.65	0.36728	30.46	1.11173
802.11ac VHT20_Nss2,(MCS0)_2TX	24.81	0.30269	29.59	0.90991
802.11ac VHT40_Nss2,(MCS0)_2TX	24.28	0.26792	29.06	0.80538
802.11ac VHT80_Nss2,(MCS0)_2TX	20.13	0.10304	24.91	0.30974
802.11ax HEW20_Nss2,(MCS0)_2TX	24.91	0.30974	29.69	0.93111
802.11ax HEW40_Nss2,(MCS0)_2TX	24.40	0.27542	29.18	0.82794
802.11ax HEW80_Nss2,(MCS0)_2TX	20.36	0.10864	25.14	0.32659
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.66	0.58345	32.47	1.76604
802.11ac VHT20_Nss2,(MCS0)_2TX	27.62	0.57810	32.40	1.73780
802.11ac VHT40_Nss2,(MCS0)_2TX	26.98	0.49888	31.76	1.49968
802.11ac VHT80_Nss2,(MCS0)_2TX	24.95	0.31261	29.73	0.93972
802.11ax HEW20_Nss2,(MCS0)_2TX	27.65	0.58210	32.43	1.74985
802.11ax HEW40_Nss2,(MCS0)_2TX	27.03	0.50466	31.81	1.51705
802.11ax HEW80_Nss2,(MCS0)_2TX	24.98	0.31477	29.76	0.94624



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.81	19.77	19.80	22.80	30.00	27.61	36.00
5200MHz	Pass	4.81	22.52	22.75	25.65	30.00	30.46	36.00
5240MHz	Pass	4.81	21.35	21.43	24.40	30.00	29.21	36.00
5745MHz	Pass	4.81	22.98	23.09	26.05	30.00	30.86	36.00
5785MHz	Pass	4.81	24.73	24.57	27.66	30.00	32.47	36.00
5825MHz	Pass	4.81	23.89	24.48	27.21	30.00	32.02	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.78	18.75	18.51	21.64	30.00	26.42	36.00
5200MHz	Pass	4.78	21.73	21.87	24.81	30.00	29.59	36.00
5240MHz	Pass	4.78	21.06	21.17	24.13	30.00	28.91	36.00
5745MHz	Pass	4.78	22.96	22.96	25.97	30.00	30.75	36.00
5785MHz	Pass	4.78	24.73	24.49	27.62	30.00	32.40	36.00
5825MHz	Pass	4.78	24.61	24.51	27.57	30.00	32.35	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.78	16.11	16.18	19.16	30.00	23.94	36.00
5230MHz	Pass	4.78	20.96	21.55	24.28	30.00	29.06	36.00
5755MHz	Pass	4.78	23.46	23.21	26.35	30.00	31.13	36.00
5795MHz	Pass	4.78	24.07	23.86	26.98	30.00	31.76	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.78	17.00	17.23	20.13	30.00	24.91	36.00
5775MHz	Pass	4.78	21.83	22.05	24.95	30.00	29.73	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.78	18.88	19.01	21.96	30.00	26.74	36.00
5200MHz	Pass	4.78	21.74	22.05	24.91	30.00	29.69	36.00
5240MHz	Pass	4.78	21.42	21.48	24.46	30.00	29.24	36.00
5745MHz	Pass	4.78	23.10	23.34	26.23	30.00	31.01	36.00
5785MHz	Pass	4.78	24.73	24.55	27.65	30.00	32.43	36.00
5825MHz	Pass	4.78	24.64	24.51	27.59	30.00	32.37	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.78	16.36	16.80	19.60	30.00	24.38	36.00
5230MHz	Pass	4.78	21.09	21.67	24.40	30.00	29.18	36.00
5755MHz	Pass	4.78	23.65	23.36	26.52	30.00	31.30	36.00
5795MHz	Pass	4.78	23.97	24.06	27.03	30.00	31.81	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.78	17.33	17.37	20.36	30.00	25.14	36.00
5775MHz	Pass	4.78	21.81	22.13	24.98	30.00	29.76	36.00

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



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.81	0.12050	28.81	0.76033
802.11ac VHT20_Nss1,(MCS0)_1TX	20.52	0.11272	28.52	0.71121
802.11ac VHT40_Nss1,(MCS0)_1TX	19.85	0.09661	27.85	0.60954
802.11ac VHT80_Nss1,(MCS0)_1TX	14.25	0.02661	22.25	0.16788
802.11ax HEW20_Nss1,(MCS0)_1TX	20.58	0.11429	28.58	0.72111
802.11ax HEW40_Nss1,(MCS0)_1TX	19.86	0.09683	27.86	0.61094
802.11ax HEW80_Nss1,(MCS0)_1TX	14.32	0.02704	22.32	0.17061
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.97	0.15740	29.97	0.99312
802.11ac VHT20_Nss1,(MCS0)_1TX	21.48	0.14060	29.48	0.88716
802.11ac VHT40_Nss1,(MCS0)_1TX	21.56	0.14322	29.56	0.90365
802.11ac VHT80_Nss1,(MCS0)_1TX	18.65	0.07328	26.65	0.46238
802.11ax HEW20_Nss1,(MCS0)_1TX	21.79	0.15101	29.79	0.95280
802.11ax HEW40_Nss1,(MCS0)_1TX	21.68	0.14723	29.68	0.92897
802.11ax HEW80_Nss1,(MCS0)_1TX	18.80	0.07586	26.80	0.47863



**Average Power**  
**Non-Beamforming\_Sample 2\_Radio 1\_Omni\_1T1S**

**Appendix C.5**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	16.72	16.72	28.00	24.72	36.00
5200MHz_TnomVnom	Pass	8.00	20.81	20.81	28.00	28.81	36.00
5240MHz_TnomVnom	Pass	8.00	20.50	20.50	28.00	28.50	36.00
5745MHz_TnomVnom	Pass	8.00	21.97	21.97	28.00	29.97	36.00
5785MHz_TnomVnom	Pass	8.00	21.72	21.72	28.00	29.72	36.00
5825MHz_TnomVnom	Pass	8.00	21.93	21.93	28.00	29.93	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	17.35	17.35	28.00	25.35	36.00
5200MHz_TnomVnom	Pass	8.00	20.52	20.52	28.00	28.52	36.00
5240MHz_TnomVnom	Pass	8.00	20.29	20.29	28.00	28.29	36.00
5745MHz_TnomVnom	Pass	8.00	21.08	21.08	28.00	29.08	36.00
5785MHz_TnomVnom	Pass	8.00	20.19	20.19	28.00	28.19	36.00
5825MHz_TnomVnom	Pass	8.00	21.48	21.48	28.00	29.48	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.26	14.26	28.00	22.26	36.00
5230MHz_TnomVnom	Pass	8.00	19.85	19.85	28.00	27.85	36.00
5755MHz_TnomVnom	Pass	8.00	21.56	21.56	28.00	29.56	36.00
5795MHz_TnomVnom	Pass	8.00	21.55	21.55	28.00	29.55	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	14.25	14.25	28.00	22.25	36.00
5775MHz_TnomVnom	Pass	8.00	18.65	18.65	28.00	26.65	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	17.64	17.64	28.00	25.64	36.00
5200MHz_TnomVnom	Pass	8.00	20.53	20.53	28.00	28.53	36.00
5240MHz_TnomVnom	Pass	8.00	20.58	20.58	28.00	28.58	36.00
5745MHz_TnomVnom	Pass	8.00	21.35	21.35	28.00	29.35	36.00
5785MHz_TnomVnom	Pass	8.00	20.29	20.29	28.00	28.29	36.00
5825MHz_TnomVnom	Pass	8.00	21.79	21.79	28.00	29.79	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.44	14.44	28.00	22.44	36.00
5230MHz_TnomVnom	Pass	8.00	19.86	19.86	28.00	27.86	36.00
5755MHz_TnomVnom	Pass	8.00	21.68	21.68	28.00	29.68	36.00
5795MHz_TnomVnom	Pass	8.00	21.59	21.59	28.00	29.59	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	14.32	14.32	28.00	22.32	36.00
5775MHz_TnomVnom	Pass	8.00	18.80	18.80	28.00	26.80	36.00

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



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.93	0.19634	30.93	1.23880
802.11ac VHT20_Nss2,(MCS0)_2TX	22.90	0.19498	30.90	1.23027
802.11ac VHT40_Nss2,(MCS0)_2TX	22.22	0.16672	30.22	1.05196
802.11ac VHT80_Nss2,(MCS0)_2TX	15.86	0.03855	23.86	0.24322
802.11ax HEW20_Nss2,(MCS0)_2TX	23.00	0.19953	31.00	1.25893
802.11ax HEW40_Nss2,(MCS0)_2TX	22.27	0.16866	30.27	1.06414
802.11ax HEW80_Nss2,(MCS0)_2TX	16.03	0.04009	24.03	0.25293
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.89	0.30832	32.89	1.94536
802.11ac VHT20_Nss2,(MCS0)_2TX	26.14	0.41115	34.14	2.59418
802.11ac VHT40_Nss2,(MCS0)_2TX	23.77	0.23823	31.77	1.50314
802.11ac VHT80_Nss2,(MCS0)_2TX	19.46	0.08831	27.46	0.55719
802.11ax HEW20_Nss2,(MCS0)_2TX	26.30	0.42658	34.30	2.69153
802.11ax HEW40_Nss2,(MCS0)_2TX	23.83	0.24155	31.83	1.52405
802.11ax HEW80_Nss2,(MCS0)_2TX	19.66	0.09247	27.66	0.58345



**Average Power  
Non-Beamforming\_Sample 2\_Radio 1\_Omni\_2T2S**

**Appendix C.6**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	16.28	16.23	19.27	28.00	27.27	36.00
5200MHz_TnomVnom	Pass	8.00	19.75	20.09	22.93	28.00	30.93	36.00
5240MHz_TnomVnom	Pass	8.00	19.88	19.94	22.92	28.00	30.92	36.00
5745MHz_TnomVnom	Pass	8.00	21.52	22.03	24.79	28.00	32.79	36.00
5785MHz_TnomVnom	Pass	8.00	21.41	21.78	24.61	28.00	32.61	36.00
5825MHz_TnomVnom	Pass	8.00	21.75	22.00	24.89	28.00	32.89	36.00
802.11ac_VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	15.75	15.60	18.69	28.00	26.69	36.00
5200MHz_TnomVnom	Pass	8.00	19.42	19.66	22.55	28.00	30.55	36.00
5240MHz_TnomVnom	Pass	8.00	19.85	19.92	22.90	28.00	30.90	36.00
5745MHz_TnomVnom	Pass	8.00	22.40	22.87	25.65	28.00	33.65	36.00
5785MHz_TnomVnom	Pass	8.00	23.06	23.19	26.14	28.00	34.14	36.00
5825MHz_TnomVnom	Pass	8.00	22.59	23.04	25.83	28.00	33.83	36.00
802.11ac_VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.33	13.28	16.85	28.00	24.85	36.00
5230MHz_TnomVnom	Pass	8.00	19.66	18.70	22.22	28.00	30.22	36.00
5755MHz_TnomVnom	Pass	8.00	19.39	18.78	22.11	28.00	30.11	36.00
5795MHz_TnomVnom	Pass	8.00	20.86	20.66	23.77	28.00	31.77	36.00
802.11ac_VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	13.08	12.60	15.86	28.00	23.86	36.00
5775MHz_TnomVnom	Pass	8.00	16.53	16.37	19.46	28.00	27.46	36.00
802.11ax_HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.00	16.02	16.01	19.03	28.00	27.03	36.00
5200MHz_TnomVnom	Pass	8.00	19.52	19.86	22.70	28.00	30.70	36.00
5240MHz_TnomVnom	Pass	8.00	19.84	20.14	23.00	28.00	31.00	36.00
5745MHz_TnomVnom	Pass	8.00	22.64	23.03	25.85	28.00	33.85	36.00
5785MHz_TnomVnom	Pass	8.00	23.22	23.36	26.30	28.00	34.30	36.00
5825MHz_TnomVnom	Pass	8.00	22.74	23.11	25.94	28.00	33.94	36.00
802.11ax_HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	8.00	14.55	13.45	17.05	28.00	25.05	36.00
5230MHz_TnomVnom	Pass	8.00	19.57	18.92	22.27	28.00	30.27	36.00
5755MHz_TnomVnom	Pass	8.00	19.54	19.06	22.32	28.00	30.32	36.00
5795MHz_TnomVnom	Pass	8.00	21.00	20.63	23.83	28.00	31.83	36.00
802.11ax_HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	8.00	13.32	12.70	16.03	28.00	24.03	36.00
5775MHz_TnomVnom	Pass	8.00	16.69	16.60	19.66	28.00	27.66	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.64	0.11588	31.34	1.36144
802.11ac VHT20_Nss1,(MCS0)_1TX	20.05	0.10116	30.75	1.18850
802.11ac VHT40_Nss1,(MCS0)_1TX	19.55	0.09016	30.25	1.05925
802.11ac VHT80_Nss1,(MCS0)_1TX	13.90	0.02455	24.60	0.28840
802.11ax HEW20_Nss1,(MCS0)_1TX	20.23	0.10544	30.93	1.23880
802.11ax HEW40_Nss1,(MCS0)_1TX	20.10	0.10233	30.80	1.20226
802.11ax HEW80_Nss1,(MCS0)_1TX	14.18	0.02618	24.88	0.30761
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.49	0.22336	34.19	2.62422
802.11ac VHT20_Nss1,(MCS0)_1TX	23.41	0.21928	34.11	2.57632
802.11ac VHT40_Nss1,(MCS0)_1TX	21.73	0.14894	32.43	1.74985
802.11ac VHT80_Nss1,(MCS0)_1TX	18.09	0.06442	28.79	0.75683
802.11ax HEW20_Nss1,(MCS0)_1TX	23.41	0.21928	34.11	2.57632
802.11ax HEW40_Nss1,(MCS0)_1TX	21.85	0.15311	32.55	1.79887
802.11ax HEW80_Nss1,(MCS0)_1TX	18.19	0.06592	28.89	0.77446





**Average Power\_Non-Beamforming\_Sample 2\_Radio 1\_Panel  
1\_1T1S**

**Appendix C.7**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.94	16.94	25.30	27.64	36.00
5200MHz	Pass	10.70	20.64	20.64	25.30	31.34	36.00
5240MHz	Pass	10.70	19.99	19.99	25.30	30.69	36.00
5745MHz	Pass	10.70	21.27	21.27	25.30	31.97	36.00
5785MHz	Pass	10.70	21.14	21.14	25.30	31.84	36.00
5825MHz	Pass	10.70	23.49	23.49	25.30	34.19	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.67	16.67	25.30	27.37	36.00
5200MHz	Pass	10.70	20.05	20.05	25.30	30.75	36.00
5240MHz	Pass	10.70	20.01	20.01	25.30	30.71	36.00
5745MHz	Pass	10.70	22.11	22.11	25.30	32.81	36.00
5785MHz	Pass	10.70	23.41	23.41	25.30	34.11	36.00
5825MHz	Pass	10.70	23.13	23.13	25.30	33.83	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.19	14.19	25.30	24.89	36.00
5230MHz	Pass	10.70	19.55	19.55	25.30	30.25	36.00
5755MHz	Pass	10.70	21.53	21.53	25.30	32.23	36.00
5795MHz	Pass	10.70	21.73	21.73	25.30	32.43	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	13.90	13.90	25.30	24.60	36.00
5775MHz	Pass	10.70	18.09	18.09	25.30	28.79	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.92	16.92	25.30	27.62	36.00
5200MHz	Pass	10.70	20.23	20.23	25.30	30.93	36.00
5240MHz	Pass	10.70	20.18	20.18	25.30	30.88	36.00
5745MHz	Pass	10.70	22.37	22.37	25.30	33.07	36.00
5785MHz	Pass	10.70	23.41	23.41	25.30	34.11	36.00
5825MHz	Pass	10.70	23.16	23.16	25.30	33.86	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.50	14.50	25.30	25.20	36.00
5230MHz	Pass	10.70	20.10	20.10	25.30	30.80	36.00
5755MHz	Pass	10.70	21.55	21.55	25.30	32.25	36.00
5795MHz	Pass	10.70	21.85	21.85	25.30	32.55	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	14.18	14.18	25.30	24.88	36.00
5775MHz	Pass	10.70	18.19	18.19	25.30	28.89	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.02	0.20045	33.72	2.35505
802.11ac VHT20_Nss2,(MCS0)_2TX	22.99	0.19907	33.69	2.33884
802.11ac VHT40_Nss2,(MCS0)_2TX	21.82	0.15205	32.52	1.78649
802.11ac VHT80_Nss2,(MCS0)_2TX	15.19	0.03304	25.89	0.38815
802.11ax HEW20_Nss2,(MCS0)_2TX	23.33	0.21528	34.03	2.52930
802.11ax HEW40_Nss2,(MCS0)_2TX	22.10	0.16218	32.80	1.90546
802.11ax HEW80_Nss2,(MCS0)_2TX	15.37	0.03443	26.07	0.40458
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.44	0.27797	35.14	3.26588
802.11ac VHT20_Nss2,(MCS0)_2TX	24.53	0.28379	35.23	3.33426
802.11ac VHT40_Nss2,(MCS0)_2TX	23.69	0.23388	34.39	2.74789
802.11ac VHT80_Nss2,(MCS0)_2TX	18.21	0.06622	28.91	0.77804
802.11ax HEW20_Nss2,(MCS0)_2TX	24.75	0.29854	35.45	3.50752
802.11ax HEW40_Nss2,(MCS0)_2TX	23.91	0.24604	34.61	2.89068
802.11ax HEW80_Nss2,(MCS0)_2TX	18.45	0.06998	29.15	0.82224



**Average Power\_Non-Beamforming\_Sample 2\_Radio 1\_Panel  
1\_2T2S**

**Appendix C.8**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	16.44	16.33	19.40	25.30	30.10	36.00
5200MHz_TnomVnom	Pass	10.70	19.56	19.74	22.66	25.30	33.36	36.00
5240MHz_TnomVnom	Pass	10.70	19.82	20.19	23.02	25.30	33.72	36.00
5745MHz_TnomVnom	Pass	10.70	21.24	21.62	24.44	25.30	35.14	36.00
5785MHz_TnomVnom	Pass	10.70	20.20	20.55	23.39	25.30	34.09	36.00
5825MHz_TnomVnom	Pass	10.70	20.13	20.40	23.28	25.30	33.98	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	15.79	15.58	18.70	25.30	29.40	36.00
5200MHz_TnomVnom	Pass	10.70	19.49	19.66	22.59	25.30	33.29	36.00
5240MHz_TnomVnom	Pass	10.70	19.88	20.07	22.99	25.30	33.69	36.00
5745MHz_TnomVnom	Pass	10.70	21.26	21.59	24.44	25.30	35.14	36.00
5785MHz_TnomVnom	Pass	10.70	21.30	21.72	24.53	25.30	35.23	36.00
5825MHz_TnomVnom	Pass	10.70	21.33	21.62	24.49	25.30	35.19	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	13.68	12.58	16.18	25.30	26.88	36.00
5230MHz_TnomVnom	Pass	10.70	19.15	18.43	21.82	25.30	32.52	36.00
5755MHz_TnomVnom	Pass	10.70	20.09	19.59	22.86	25.30	33.56	36.00
5795MHz_TnomVnom	Pass	10.70	20.93	20.41	23.69	25.30	34.39	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	12.47	11.86	15.19	25.30	25.89	36.00
5775MHz_TnomVnom	Pass	10.70	15.41	14.97	18.21	25.30	28.91	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	15.95	16.01	18.99	25.30	29.69	36.00
5200MHz_TnomVnom	Pass	10.70	19.62	19.78	22.71	25.30	33.41	36.00
5240MHz_TnomVnom	Pass	10.70	20.24	20.39	23.33	25.30	34.03	36.00
5745MHz_TnomVnom	Pass	10.70	21.56	21.91	24.75	25.30	35.45	36.00
5785MHz_TnomVnom	Pass	10.70	21.45	21.98	24.73	25.30	35.43	36.00
5825MHz_TnomVnom	Pass	10.70	21.53	21.81	24.68	25.30	35.38	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	14.06	12.95	16.55	25.30	27.25	36.00
5230MHz_TnomVnom	Pass	10.70	19.45	18.70	22.10	25.30	32.80	36.00
5755MHz_TnomVnom	Pass	10.70	20.33	19.73	23.05	25.30	33.75	36.00
5795MHz_TnomVnom	Pass	10.70	21.03	20.77	23.91	25.30	34.61	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	12.60	12.10	15.37	25.30	26.07	36.00
5775MHz_TnomVnom	Pass	10.70	15.60	15.27	18.45	25.30	29.15	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.21	0.20941	31.21	1.32130
802.11ac VHT20_Nss1,(MCS0)_1TX	22.16	0.16444	30.16	1.03753
802.11ac VHT40_Nss1,(MCS0)_1TX	20.81	0.12050	28.81	0.76033
802.11ac VHT80_Nss1,(MCS0)_1TX	16.22	0.04188	24.22	0.26424
802.11ax HEW20_Nss1,(MCS0)_1TX	22.21	0.16634	30.21	1.04954
802.11ax HEW40_Nss1,(MCS0)_1TX	21.24	0.13305	29.24	0.83946
802.11ax HEW80_Nss1,(MCS0)_1TX	16.50	0.04467	24.50	0.28184
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.97	0.31405	32.97	1.98153
802.11ac VHT20_Nss1,(MCS0)_1TX	24.79	0.30130	32.79	1.90108
802.11ac VHT40_Nss1,(MCS0)_1TX	23.63	0.23067	31.63	1.45546
802.11ac VHT80_Nss1,(MCS0)_1TX	19.93	0.09840	27.93	0.62087
802.11ax HEW20_Nss1,(MCS0)_1TX	24.83	0.30409	32.83	1.91867
802.11ax HEW40_Nss1,(MCS0)_1TX	23.74	0.23659	31.74	1.49279
802.11ax HEW80_Nss1,(MCS0)_1TX	20.05	0.10116	28.05	0.63826



**Average Power\_Non-Beamforming\_Sample 2\_Radio  
2\_Omni\_1T1S**

**Appendix C.9**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	20.59	20.59	28.00	28.59	36.00
5200MHz	Pass	8.00	23.21	23.21	28.00	31.21	36.00
5240MHz	Pass	8.00	21.52	21.52	28.00	29.52	36.00
5745MHz	Pass	8.00	24.43	24.43	28.00	32.43	36.00
5785MHz	Pass	8.00	24.97	24.97	28.00	32.97	36.00
5825MHz	Pass	8.00	21.57	21.57	28.00	29.57	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.08	19.08	28.00	27.08	36.00
5200MHz	Pass	8.00	22.16	22.16	28.00	30.16	36.00
5240MHz	Pass	8.00	21.07	21.07	28.00	29.07	36.00
5745MHz	Pass	8.00	24.36	24.36	28.00	32.36	36.00
5785MHz	Pass	8.00	24.79	24.79	28.00	32.79	36.00
5825MHz	Pass	8.00	21.63	21.63	28.00	29.63	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.95	15.95	28.00	23.95	36.00
5230MHz	Pass	8.00	20.81	20.81	28.00	28.81	36.00
5755MHz	Pass	8.00	22.35	22.35	28.00	30.35	36.00
5795MHz	Pass	8.00	23.63	23.63	28.00	31.63	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	16.22	16.22	28.00	24.22	36.00
5775MHz	Pass	8.00	19.93	19.93	28.00	27.93	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.45	19.45	28.00	27.45	36.00
5200MHz	Pass	8.00	22.21	22.21	28.00	30.21	36.00
5240MHz	Pass	8.00	21.22	21.22	28.00	29.22	36.00
5745MHz	Pass	8.00	24.37	24.37	28.00	32.37	36.00
5785MHz	Pass	8.00	24.83	24.83	28.00	32.83	36.00
5825MHz	Pass	8.00	21.80	21.80	28.00	29.80	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	16.08	16.08	28.00	24.08	36.00
5230MHz	Pass	8.00	21.24	21.24	28.00	29.24	36.00
5755MHz	Pass	8.00	22.50	22.50	28.00	30.50	36.00
5795MHz	Pass	8.00	23.74	23.74	28.00	31.74	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	16.50	16.50	28.00	24.50	36.00
5775MHz	Pass	8.00	20.05	20.05	28.00	28.05	36.00

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



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.39	0.27479	32.39	1.73380
802.11ac VHT20_Nss2,(MCS0)_2TX	24.07	0.25527	32.07	1.61065
802.11ac VHT40_Nss2,(MCS0)_2TX	23.14	0.20606	31.14	1.30017
802.11ac VHT80_Nss2,(MCS0)_2TX	16.99	0.05000	24.99	0.31550
802.11ax HEW20_Nss2,(MCS0)_2TX	24.31	0.26977	32.31	1.70216
802.11ax HEW40_Nss2,(MCS0)_2TX	23.24	0.21086	31.24	1.33045
802.11ax HEW80_Nss2,(MCS0)_2TX	17.29	0.05358	25.29	0.33806
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.92	0.49204	34.92	3.10456
802.11ac VHT20_Nss2,(MCS0)_2TX	26.84	0.48306	34.84	3.04789
802.11ac VHT40_Nss2,(MCS0)_2TX	24.70	0.29512	32.70	1.86209
802.11ac VHT80_Nss2,(MCS0)_2TX	20.15	0.10351	28.15	0.65313
802.11ax HEW20_Nss2,(MCS0)_2TX	27.01	0.50234	35.01	3.16957
802.11ax HEW40_Nss2,(MCS0)_2TX	24.79	0.30130	32.79	1.90108
802.11ax HEW80_Nss2,(MCS0)_2TX	20.42	0.11015	28.42	0.69502



**Average Power\_Non-Beamforming\_Sample 2\_Radio  
2\_Omni\_2T2S**

**Appendix C.10**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	18.25	18.16	21.22	28.00	29.22	36.00
5200MHz	Pass	8.00	21.30	21.45	24.39	28.00	32.39	36.00
5240MHz	Pass	8.00	20.19	20.59	23.40	28.00	31.40	36.00
5745MHz	Pass	8.00	23.39	22.92	26.17	28.00	34.17	36.00
5785MHz	Pass	8.00	24.15	23.66	26.92	28.00	34.92	36.00
5825MHz	Pass	8.00	21.15	21.34	24.26	28.00	32.26	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.35	17.54	20.46	28.00	28.46	36.00
5200MHz	Pass	8.00	20.98	21.14	24.07	28.00	32.07	36.00
5240MHz	Pass	8.00	20.10	20.54	23.34	28.00	31.34	36.00
5745MHz	Pass	8.00	23.81	23.27	26.56	28.00	34.56	36.00
5785MHz	Pass	8.00	24.27	23.33	26.84	28.00	34.84	36.00
5825MHz	Pass	8.00	21.15	21.28	24.23	28.00	32.23	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.32	15.39	18.37	28.00	26.37	36.00
5230MHz	Pass	8.00	19.82	20.42	23.14	28.00	31.14	36.00
5755MHz	Pass	8.00	20.07	20.38	23.24	28.00	31.24	36.00
5795MHz	Pass	8.00	21.57	21.81	24.70	28.00	32.70	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	13.76	14.19	16.99	28.00	24.99	36.00
5775MHz	Pass	8.00	17.23	17.04	20.15	28.00	28.15	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.80	17.61	20.72	28.00	28.72	36.00
5200MHz	Pass	8.00	21.32	21.28	24.31	28.00	32.31	36.00
5240MHz	Pass	8.00	20.35	20.74	23.56	28.00	31.56	36.00
5745MHz	Pass	8.00	23.98	23.47	26.74	28.00	34.74	36.00
5785MHz	Pass	8.00	24.42	23.53	27.01	28.00	35.01	36.00
5825MHz	Pass	8.00	21.29	21.39	24.35	28.00	32.35	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.48	15.71	18.61	28.00	26.61	36.00
5230MHz	Pass	8.00	19.78	20.64	23.24	28.00	31.24	36.00
5755MHz	Pass	8.00	20.17	20.47	23.33	28.00	31.33	36.00
5795MHz	Pass	8.00	21.54	22.00	24.79	28.00	32.79	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	14.00	14.55	17.29	28.00	25.29	36.00
5775MHz	Pass	8.00	17.58	17.23	20.42	28.00	28.42	36.00

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



**Average Power\_Non-Beamforming\_Sample 2\_Radio 2\_Panel  
1\_1T1S**

**Appendix C.11**

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.84	0.19231	33.54	2.25944
802.11ac VHT20_Nss1,(MCS0)_1TX	21.95	0.15668	32.65	1.84077
802.11ac VHT40_Nss1,(MCS0)_1TX	21.07	0.12794	31.77	1.50314
802.11ac VHT80_Nss1,(MCS0)_1TX	15.09	0.03228	25.79	0.37931
802.11ax HEW20_Nss1,(MCS0)_1TX	22.14	0.16368	32.84	1.92309
802.11ax HEW40_Nss1,(MCS0)_1TX	21.35	0.13646	32.05	1.60325
802.11ax HEW80_Nss1,(MCS0)_1TX	15.34	0.03420	26.04	0.40179
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.44	0.27797	35.14	3.26588
802.11ac VHT20_Nss1,(MCS0)_1TX	24.38	0.27416	35.08	3.22107
802.11ac VHT40_Nss1,(MCS0)_1TX	23.34	0.21577	34.04	2.53513
802.11ac VHT80_Nss1,(MCS0)_1TX	19.12	0.08166	29.82	0.95940
802.11ax HEW20_Nss1,(MCS0)_1TX	24.45	0.27861	35.15	3.27341
802.11ax HEW40_Nss1,(MCS0)_1TX	23.37	0.21727	34.07	2.55270
802.11ax HEW80_Nss1,(MCS0)_1TX	19.57	0.09057	30.27	1.06414





**Average Power\_Non-Beamforming\_Sample 2\_Radio 2\_Panel  
1\_1T1S**

**Appendix C.11**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	18.12	18.12	25.30	28.82	36.00
5200MHz_TnomVnom	Pass	10.70	22.84	22.84	25.30	33.54	36.00
5240MHz_TnomVnom	Pass	10.70	21.30	21.30	25.30	32.00	36.00
5745MHz_TnomVnom	Pass	10.70	24.44	24.44	25.30	35.14	36.00
5785MHz_TnomVnom	Pass	10.70	23.70	23.70	25.30	34.40	36.00
5825MHz_TnomVnom	Pass	10.70	24.21	24.21	25.30	34.91	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	18.41	18.41	25.30	29.11	36.00
5200MHz_TnomVnom	Pass	10.70	21.95	21.95	25.30	32.65	36.00
5240MHz_TnomVnom	Pass	10.70	21.06	21.06	25.30	31.76	36.00
5745MHz_TnomVnom	Pass	10.70	24.38	24.38	25.30	35.08	36.00
5785MHz_TnomVnom	Pass	10.70	23.67	23.67	25.30	34.37	36.00
5825MHz_TnomVnom	Pass	10.70	23.68	23.68	25.30	34.38	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	15.24	15.24	25.30	25.94	36.00
5230MHz_TnomVnom	Pass	10.70	21.07	21.07	25.30	31.77	36.00
5755MHz_TnomVnom	Pass	10.70	22.88	22.88	25.30	33.58	36.00
5795MHz_TnomVnom	Pass	10.70	23.34	23.34	25.30	34.04	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	15.09	15.09	25.30	25.79	36.00
5775MHz_TnomVnom	Pass	10.70	19.12	19.12	25.30	29.82	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	18.50	18.50	25.30	29.20	36.00
5200MHz_TnomVnom	Pass	10.70	22.14	22.14	25.30	32.84	36.00
5240MHz_TnomVnom	Pass	10.70	21.27	21.27	25.30	31.97	36.00
5745MHz_TnomVnom	Pass	10.70	24.45	24.45	25.30	35.15	36.00
5785MHz_TnomVnom	Pass	10.70	23.76	23.76	25.30	34.46	36.00
5825MHz_TnomVnom	Pass	10.70	23.77	23.77	25.30	34.47	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	15.51	15.51	25.30	26.21	36.00
5230MHz_TnomVnom	Pass	10.70	21.35	21.35	25.30	32.05	36.00
5755MHz_TnomVnom	Pass	10.70	22.98	22.98	25.30	33.68	36.00
5795MHz_TnomVnom	Pass	10.70	23.37	23.37	25.30	34.07	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	15.34	15.34	25.30	26.04	36.00
5775MHz_TnomVnom	Pass	10.70	19.57	19.57	25.30	30.27	36.00

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



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.32	0.13552	32.02	1.59221
802.11ac VHT20_Nss2,(MCS0)_2TX	24.24	0.26546	34.94	3.11889
802.11ac VHT40_Nss2,(MCS0)_2TX	23.73	0.23605	34.43	2.77332
802.11ac VHT80_Nss2,(MCS0)_2TX	17.00	0.05012	27.70	0.58884
802.11ax HEW20_Nss2,(MCS0)_2TX	24.30	0.26915	35.00	3.16228
802.11ax HEW40_Nss2,(MCS0)_2TX	23.86	0.24322	34.56	2.85759
802.11ax HEW80_Nss2,(MCS0)_2TX	17.19	0.05236	27.89	0.61518
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.60	0.28840	35.30	3.38844
802.11ac VHT20_Nss2,(MCS0)_2TX	24.46	0.27925	35.16	3.28095
802.11ac VHT40_Nss2,(MCS0)_2TX	24.51	0.28249	35.21	3.31894
802.11ac VHT80_Nss2,(MCS0)_2TX	22.33	0.17100	33.03	2.00909
802.11ax HEW20_Nss2,(MCS0)_2TX	24.69	0.29444	35.39	3.45939
802.11ax HEW40_Nss2,(MCS0)_2TX	24.58	0.28708	35.28	3.37287
802.11ax HEW80_Nss2,(MCS0)_2TX	22.48	0.17701	33.18	2.07970