



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	21.33M	17.841M
5200MHz	Pass	Inf	21.36M	17.901M	21.39M	17.871M
5240MHz	Pass	Inf	21.6M	17.901M	21.39M	17.871M
5745MHz	Pass	500k	17.58M	17.991M	17.58M	17.931M
5785MHz	Pass	500k	17.55M	18.711M	17.55M	18.351M
5825MHz	Pass	500k	17.55M	20.33M	17.58M	19.16M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	36.462M	39.78M	36.462M
5230MHz	Pass	Inf	39.78M	36.462M	40.02M	36.462M
5755MHz	Pass	500k	36.3M	37.241M	36.06M	37.001M
5795MHz	Pass	500k	36.36M	43.238M	36.3M	37.721M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.52M	75.802M	80.64M	75.682M
5775MHz	Pass	500k	75.24M	75.922M	75.36M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.33M	19.07M	21.48M	19.04M
5200MHz	Pass	Inf	21.33M	19.04M	21.6M	19.07M
5240MHz	Pass	Inf	21.39M	19.04M	21.54M	19.07M
5745MHz	Pass	500k	18.93M	19.13M	18.96M	19.13M
5785MHz	Pass	500k	18.87M	19.46M	18.93M	19.34M
5825MHz	Pass	500k	18.78M	20.42M	18.54M	19.58M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.661M	40.14M	37.601M
5230MHz	Pass	Inf	40.32M	37.661M	40.32M	37.601M
5755MHz	Pass	500k	37.32M	38.021M	37.38M	37.841M
5795MHz	Pass	500k	37.74M	39.34M	37.38M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.001M	81.12M	77.001M
5775MHz	Pass	500k	75.36M	77.121M	77.04M	77.001M

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

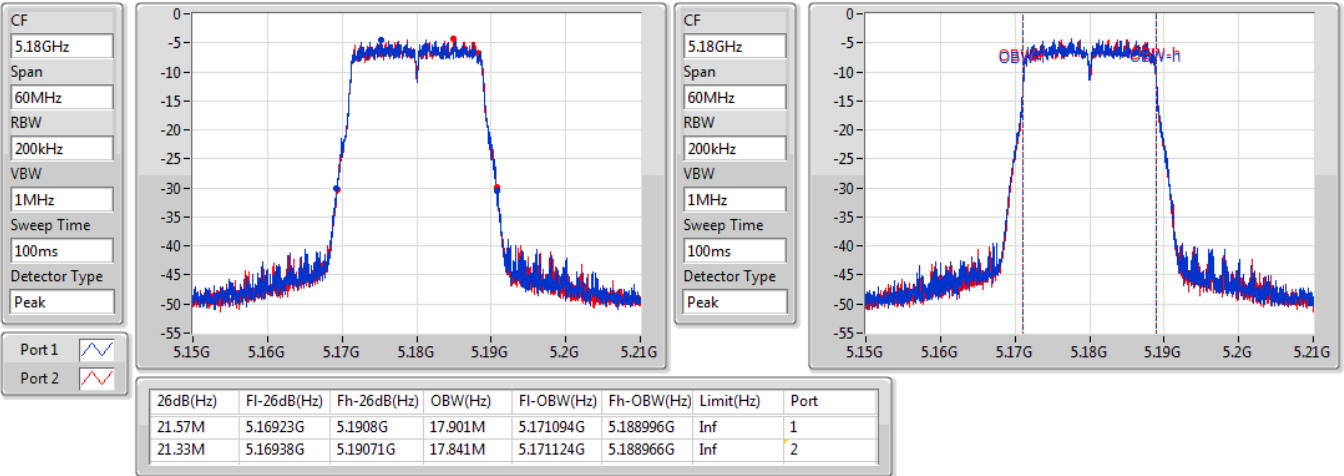
Port X-OBW = Port X 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

23/02/2020

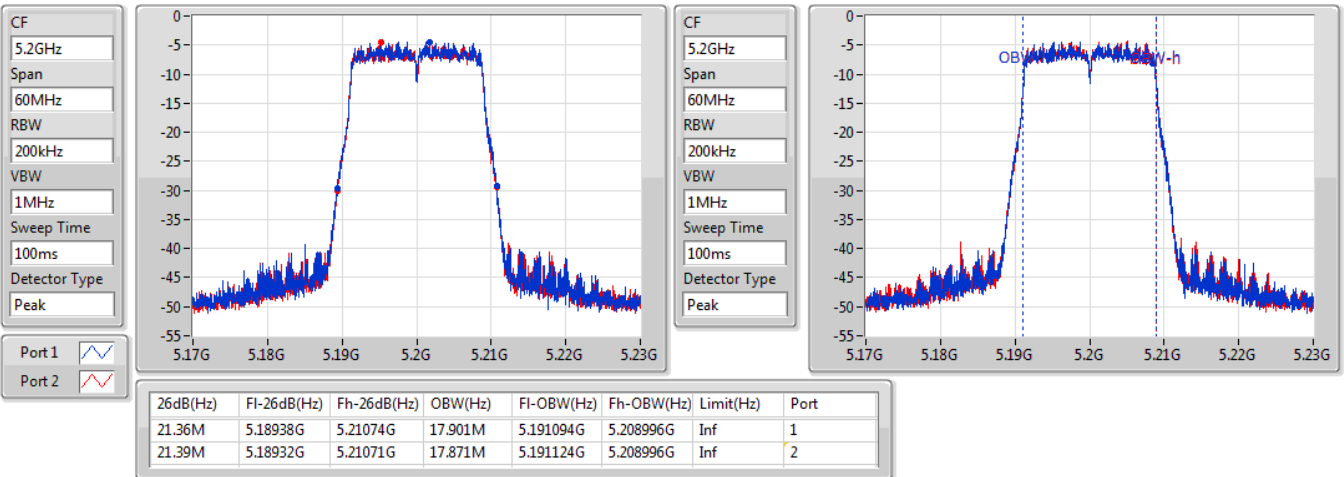


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

23/02/2020

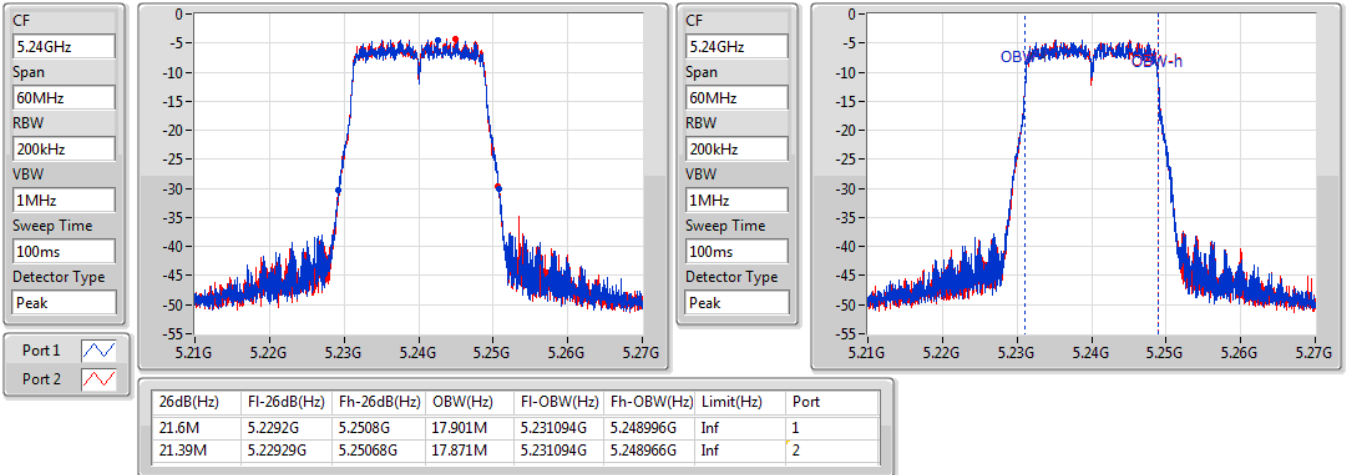


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

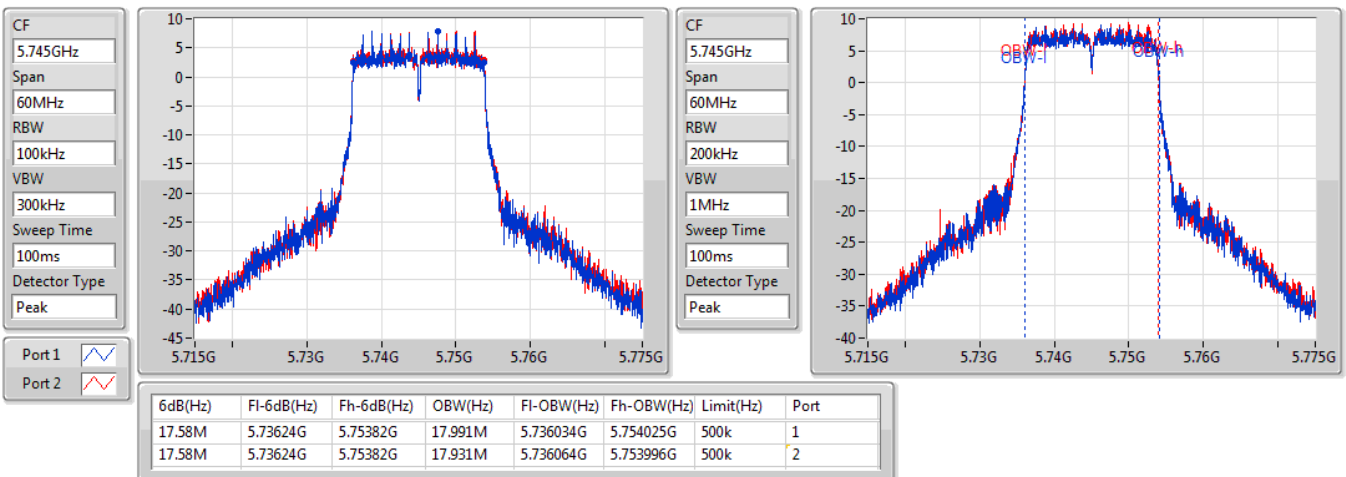


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020



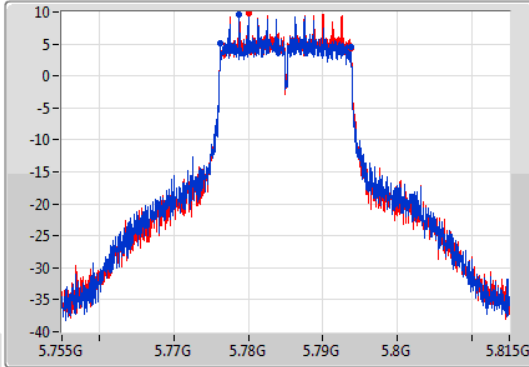
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

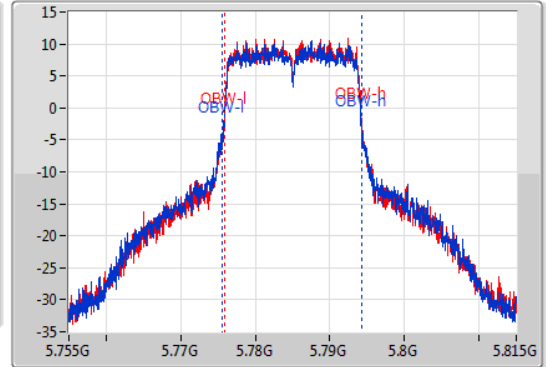
5785MHz

23/02/2020

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	5.77627G	5.79382G	18.711M	5.775615G	5.794325G	500k	1
17.55M	5.77627G	5.79382G	18.351M	5.775855G	5.794205G	500k	2

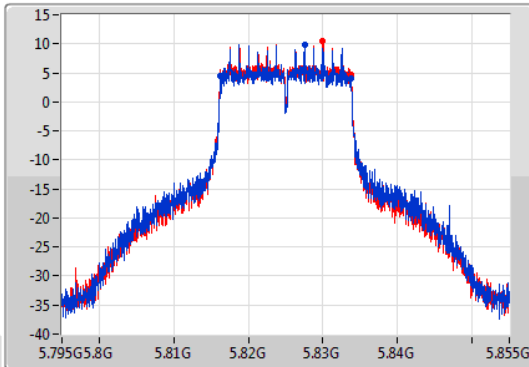
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

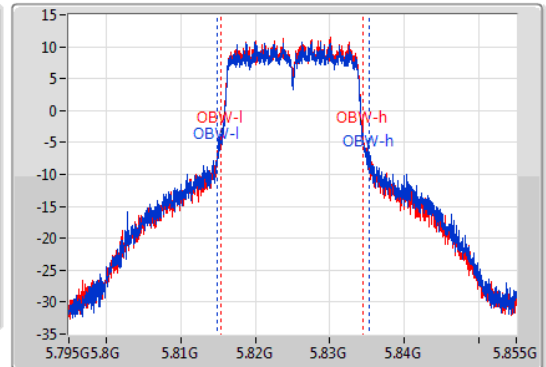
5825MHz

23/02/2020

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



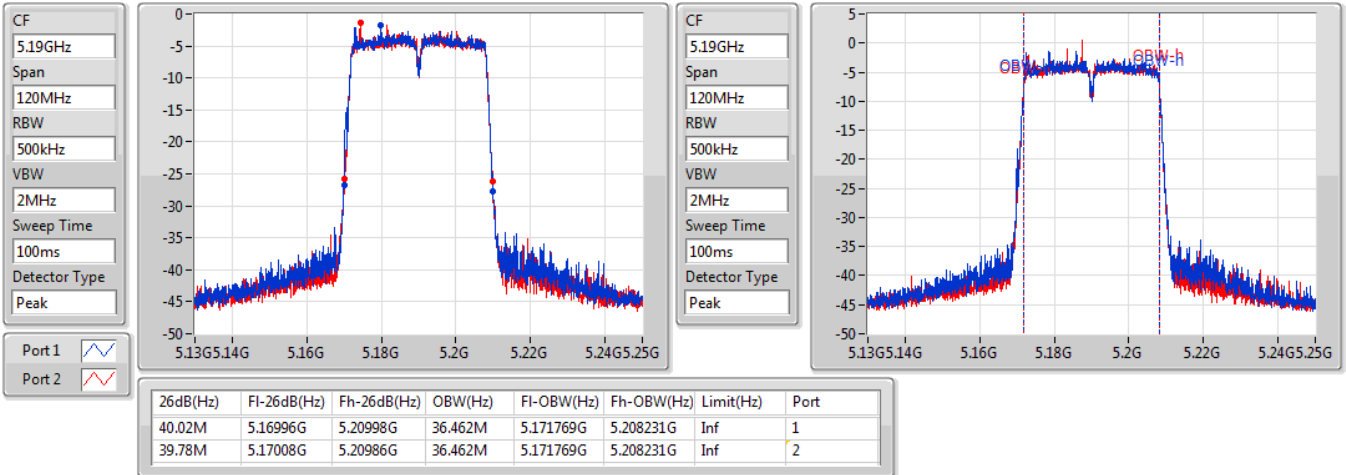
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81627G	5.83382G	20.33M	5.814955G	5.835285G	500k	1
17.58M	5.81624G	5.83382G	19.16M	5.815315G	5.834475G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

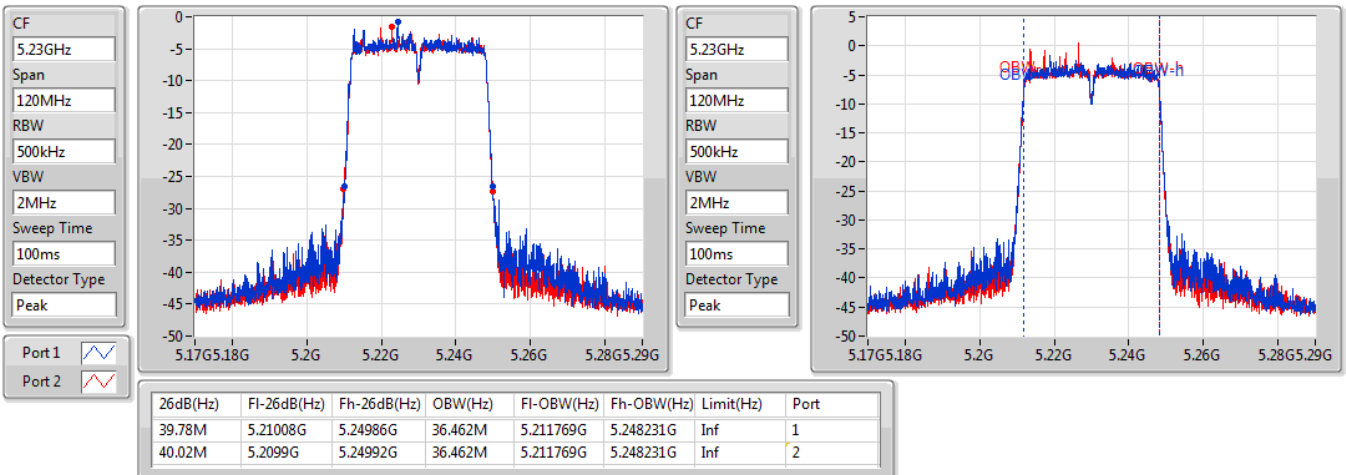


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020

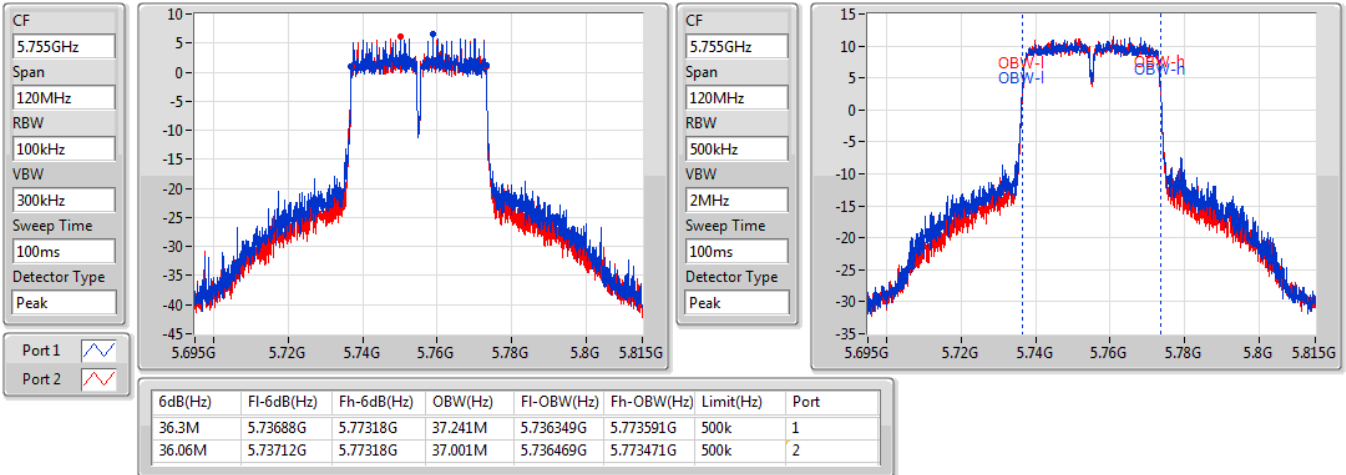


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

23/02/2020

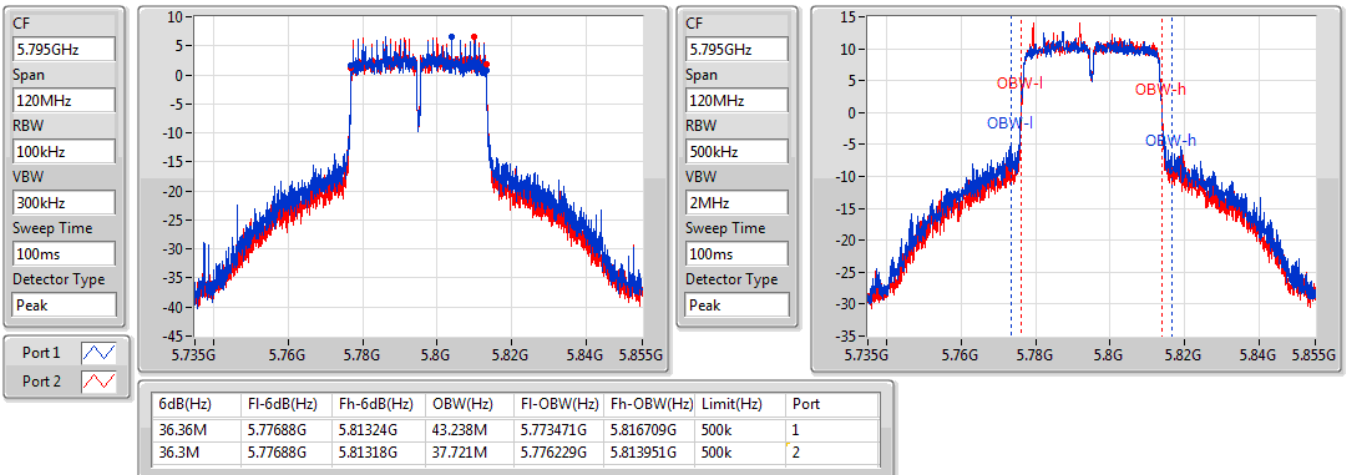


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5795MHz

23/02/2020

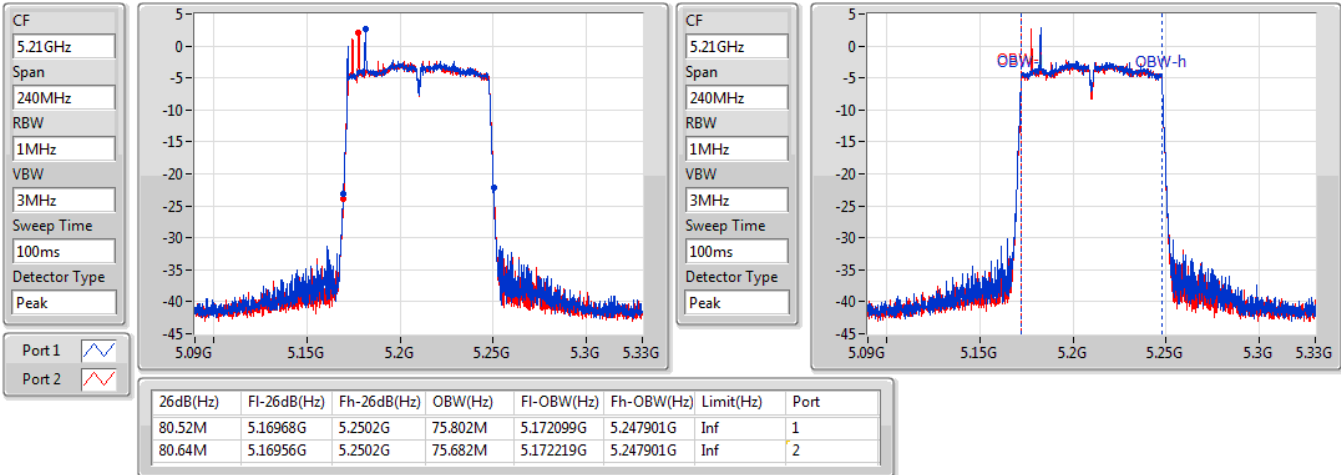


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

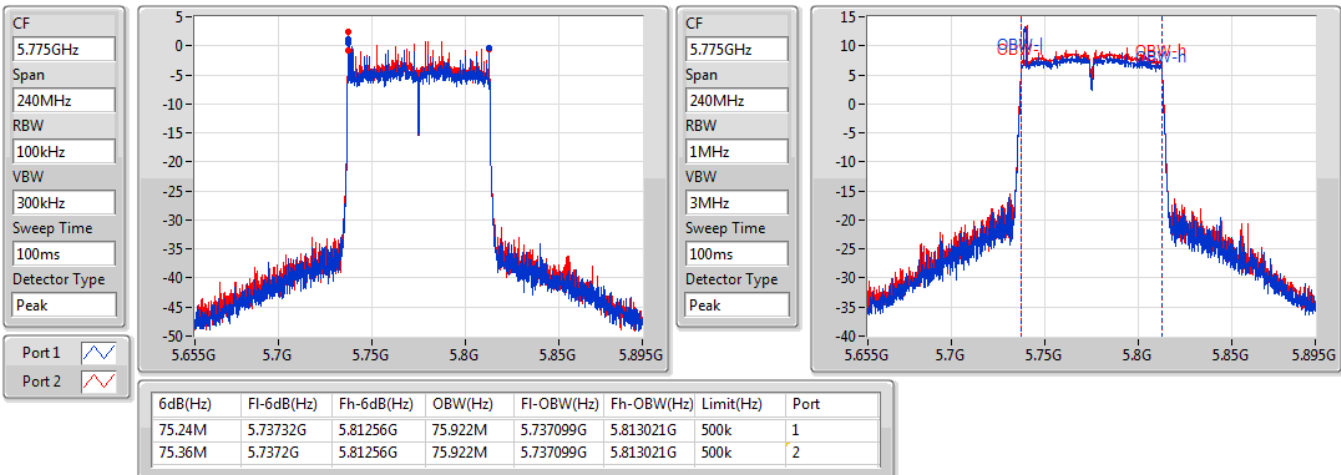


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020



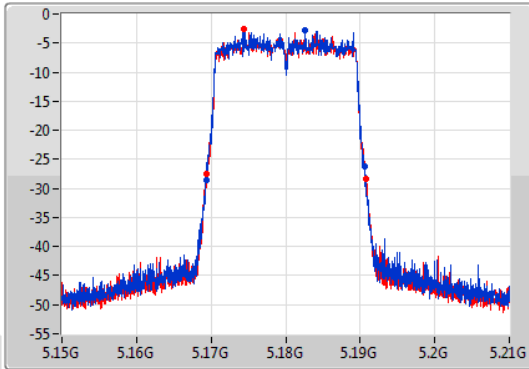
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

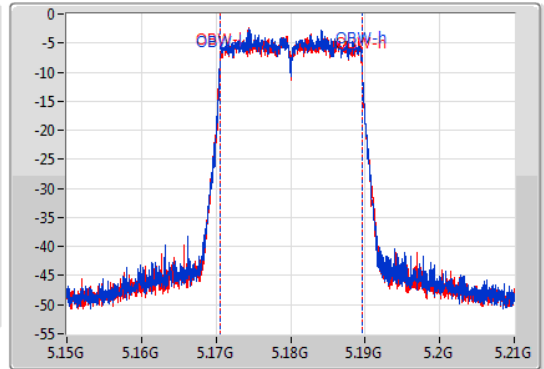
5180MHz

23/02/2020

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
21.33M	5.16935G	5.19068G	19.07M	5.170495G	5.189565G	Inf	1
21.48M	5.16935G	5.19083G	19.04M	5.170525G	5.189565G	Inf	2

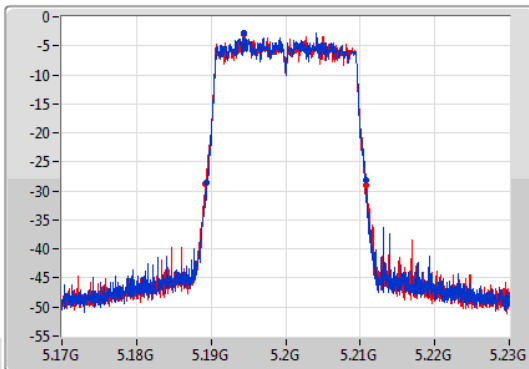
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

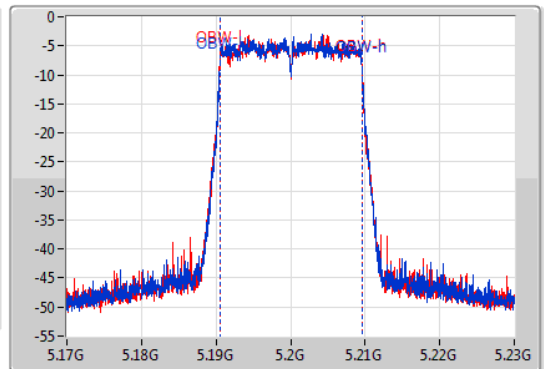
5200MHz

23/02/2020

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



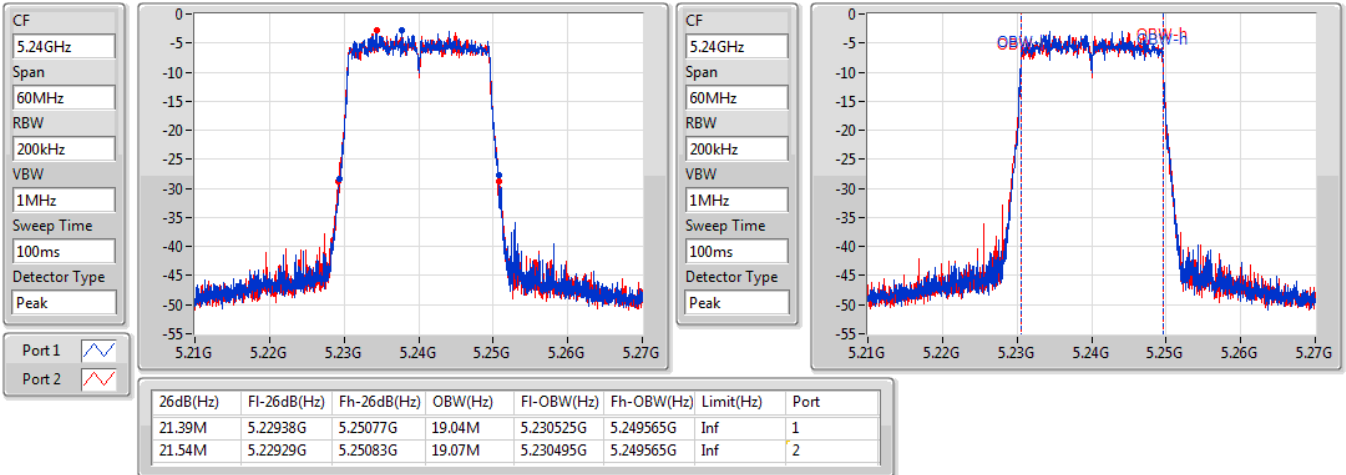
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.18941G	5.21074G	19.04M	5.190525G	5.209565G	Inf	1
21.6M	5.18926G	5.21086G	19.07M	5.190495G	5.209565G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

23/02/2020

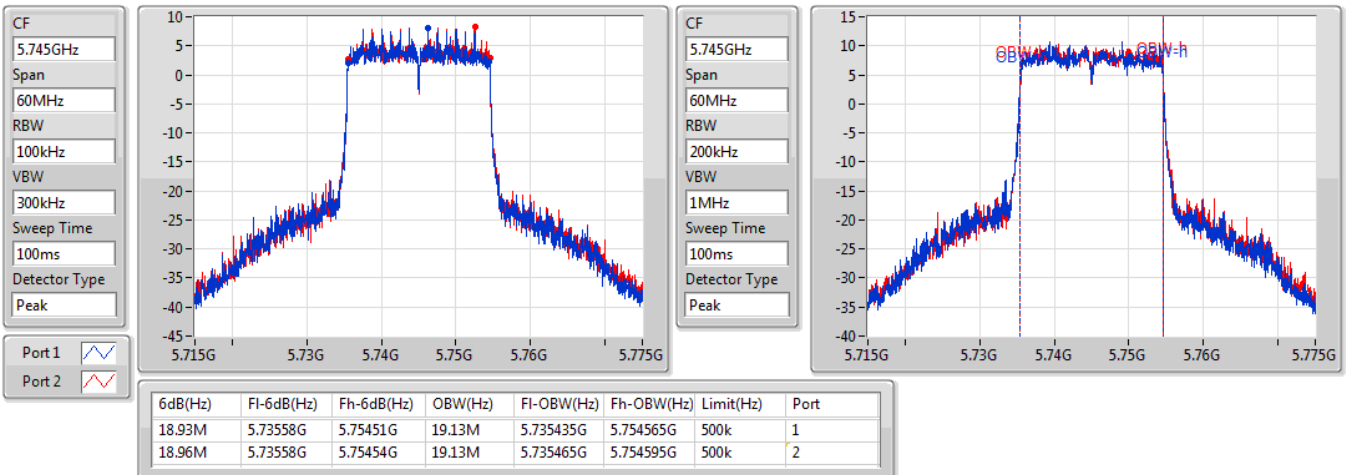


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

23/02/2020



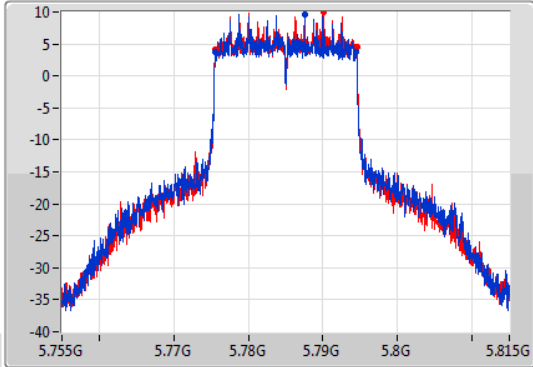
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

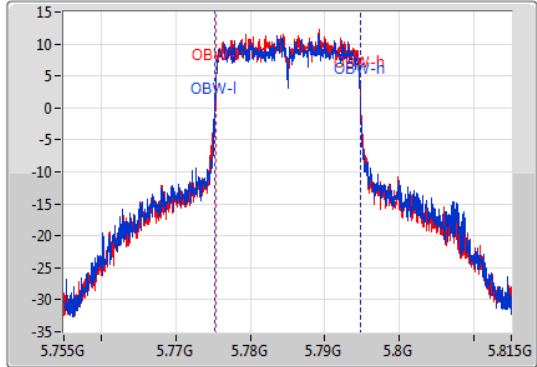
5785MHz

23/02/2020

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
18.87M	5.77561G	5.79448G	19.46M	5.775285G	5.794745G	500k	1
18.93M	5.77561G	5.79454G	19.34M	5.775375G	5.794715G	500k	2

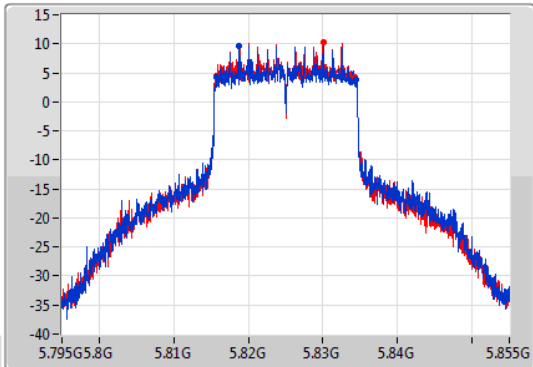
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

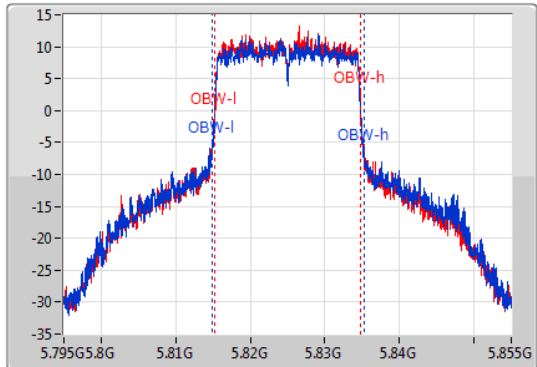
5825MHz

23/02/2020

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



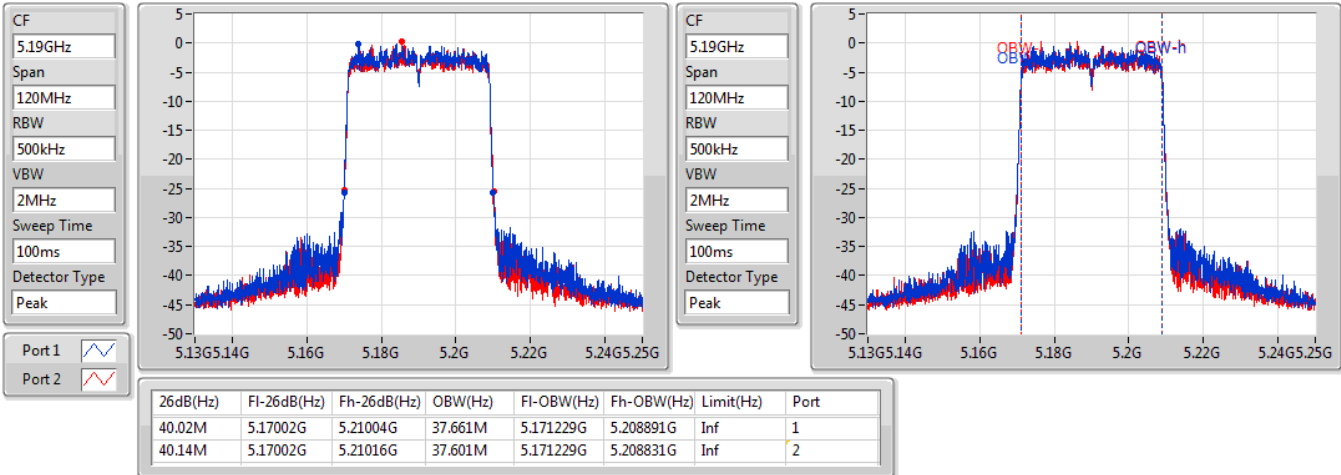
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.81573G	5.83451G	20.42M	5.814895G	5.835315G	500k	1
18.54M	5.81573G	5.83427G	19.58M	5.815195G	5.834775G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

23/02/2020

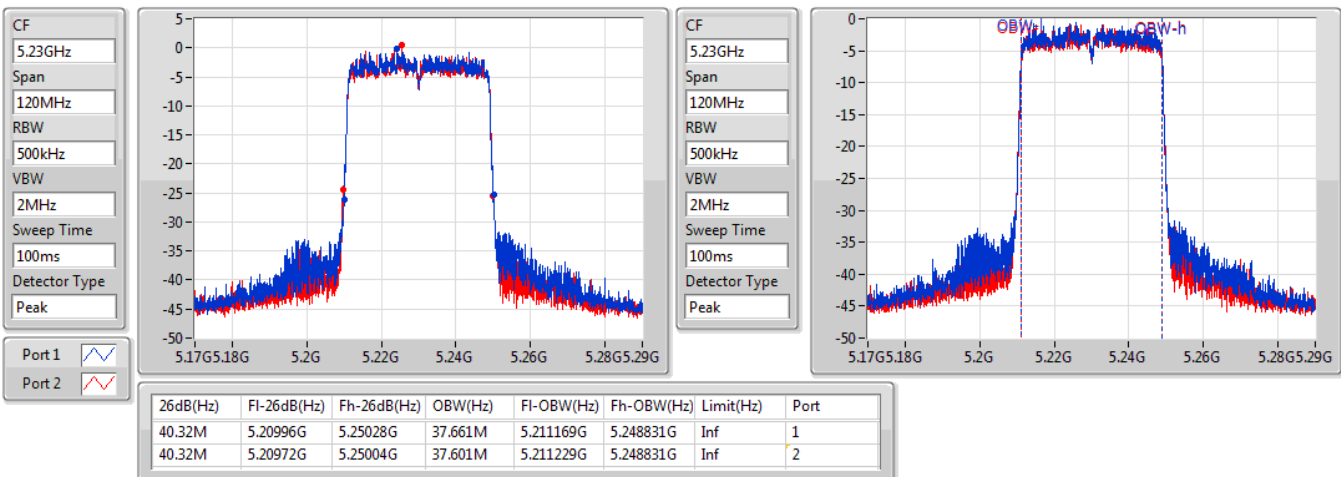


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

23/02/2020



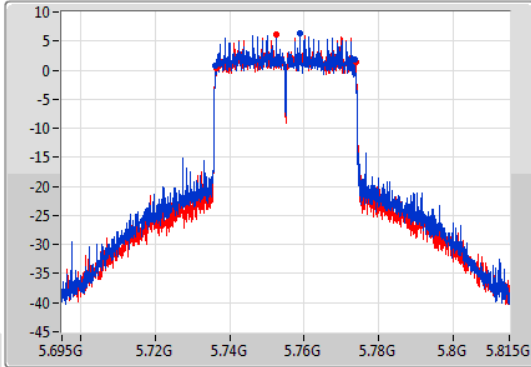
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

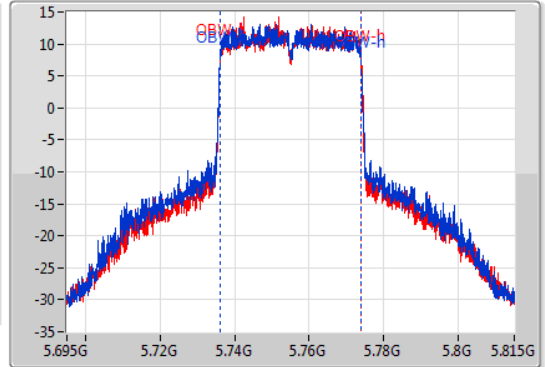
5755MHz

23/02/2020

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
37.32M	5.73622G	5.77354G	38.021M	5.73599G	5.77401G	500k	1
37.38M	5.7364G	5.77378G	37.841M	5.736109G	5.773951G	500k	2

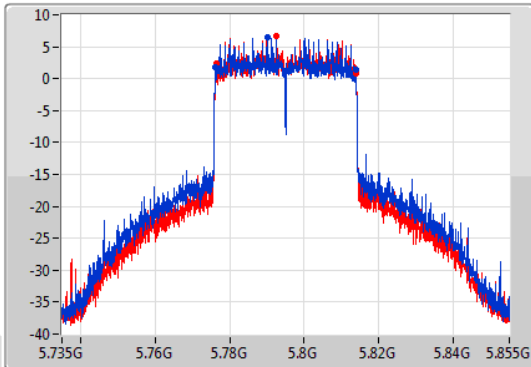
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

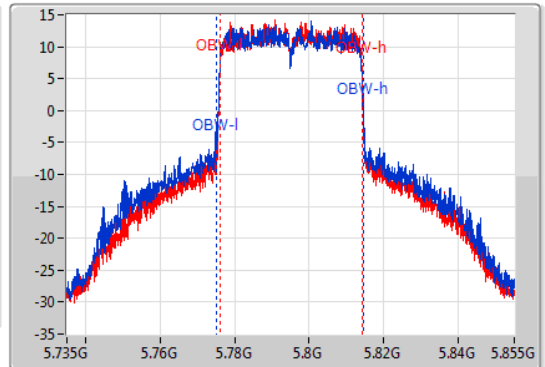
5795MHz

23/02/2020

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



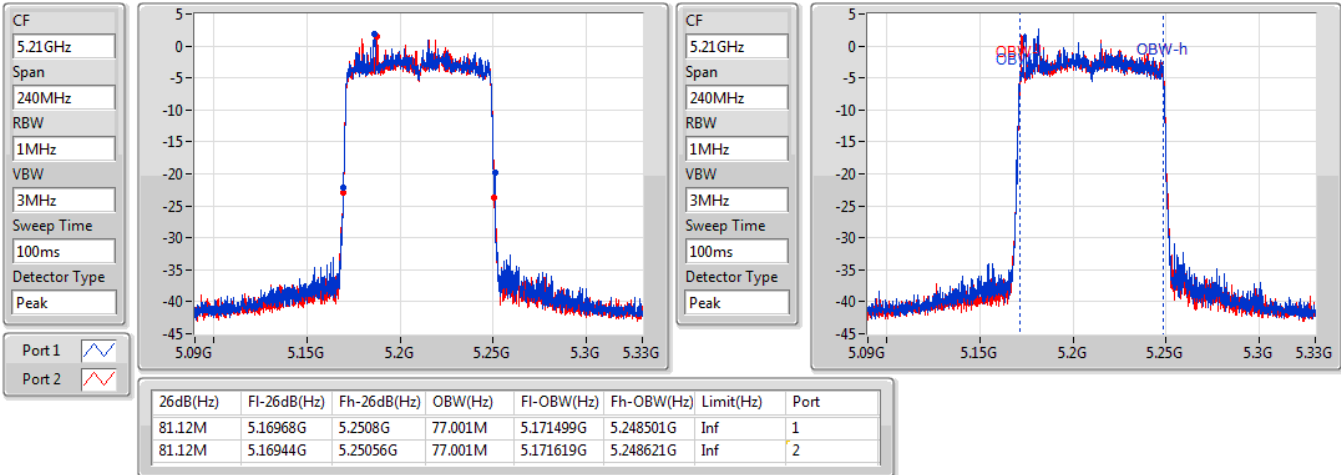
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.77616G	5.8139G	39.34M	5.77521G	5.81455G	500k	1
37.38M	5.77658G	5.81396G	38.141M	5.77599G	5.81413G	500k	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

23/02/2020

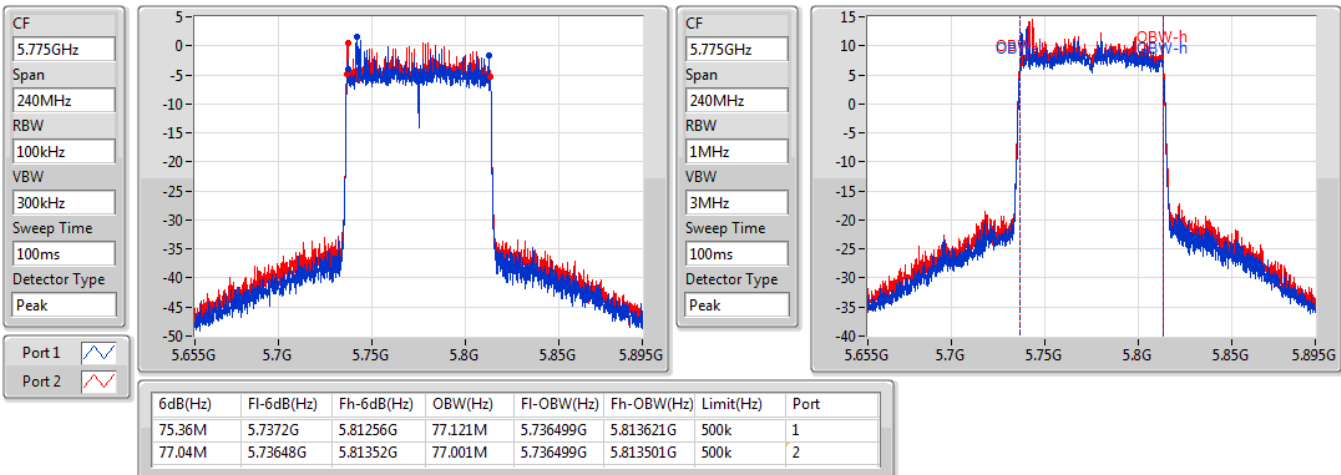


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

23/02/2020





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	21.81M	17.931M	17M9D1D	21.39M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	47.94M	36.702M	36M7D1D	39.78M	36.522M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	80.88M	75.922M	75M9D1D	80.16M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.52M	19.19M	19M2D1D	21.54M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	56.7M	37.781M	37M8D1D	40.26M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.48M	77.361M	77M4D1D	81.24M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.61M	17.931M	17M9D1D	17.58M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	36.3M	36.822M	36M8D1D	35.1M	36.582M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	76.08M	76.162M	76M2D1D	75M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.35M	17.241M	17M2D1D	16.32M	16.762M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.56M	37.721M	37M7D1D	37.32M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	77.04M	77.121M	77M1D1D	53.64M	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	21.75M	17.901M
5200MHz	Pass	Inf	21.48M	17.901M	21.75M	17.901M
5240MHz	Pass	Inf	21.39M	17.871M	21.81M	17.931M
5745MHz	Pass	500k	17.61M	17.901M	17.61M	17.901M
5785MHz	Pass	500k	17.58M	17.931M	17.58M	17.901M
5825MHz	Pass	500k	17.61M	17.931M	17.58M	17.871M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.78M	36.522M	47.94M	36.642M
5230MHz	Pass	Inf	45.12M	36.642M	46.5M	36.702M
5755MHz	Pass	500k	36.3M	36.702M	35.64M	36.582M
5795MHz	Pass	500k	35.7M	36.822M	35.1M	36.582M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.16M	75.922M	80.88M	75.922M
5775MHz	Pass	500k	75M	76.162M	76.08M	75.922M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.72M	19.1M	23.31M	19.19M
5200MHz	Pass	Inf	21.57M	19.13M	23.34M	19.13M
5240MHz	Pass	Inf	21.54M	19.07M	23.52M	19.16M
5745MHz	Pass	500k	16.32M	17.241M	16.35M	16.762M
5785MHz	Pass	500k	16.35M	16.912M	16.35M	16.822M
5825MHz	Pass	500k	16.32M	16.882M	16.35M	16.762M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	42.3M	37.601M	56.7M	37.721M
5230MHz	Pass	Inf	40.26M	37.661M	51.12M	37.781M
5755MHz	Pass	500k	37.38M	37.661M	37.5M	37.601M
5795MHz	Pass	500k	37.56M	37.721M	37.32M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	77.361M	81.48M	77.241M
5775MHz	Pass	500k	53.64M	77.121M	77.04M	77.001M

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;



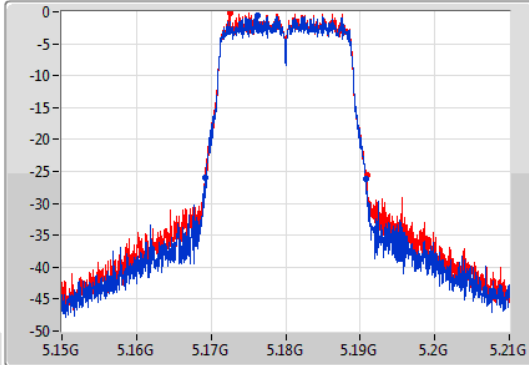
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

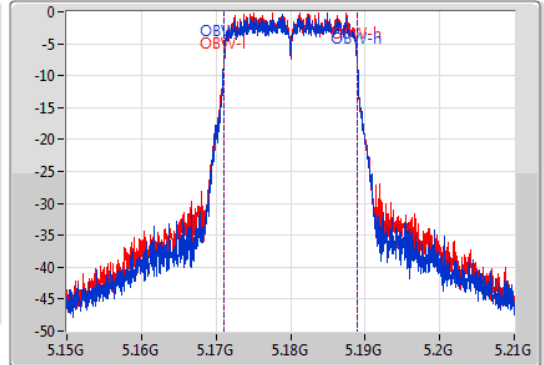
5180MHz

05/03/2020

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	5.1692G	5.19077G	17.901M	5.171034G	5.188936G	Inf	1
21.75M	5.16914G	5.19089G	17.901M	5.171034G	5.188936G	Inf	2

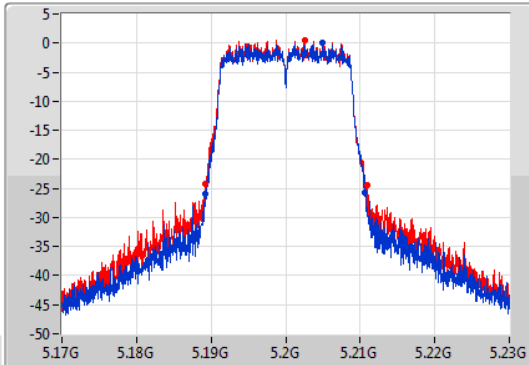
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

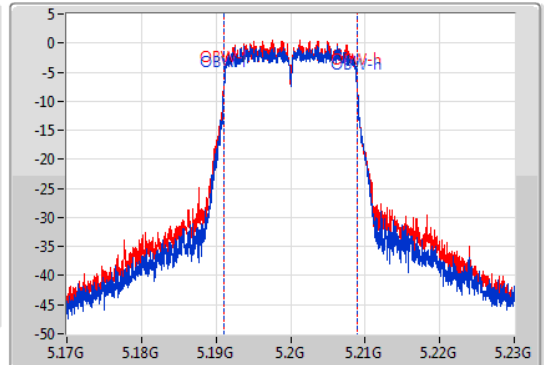
5200MHz

05/03/2020

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



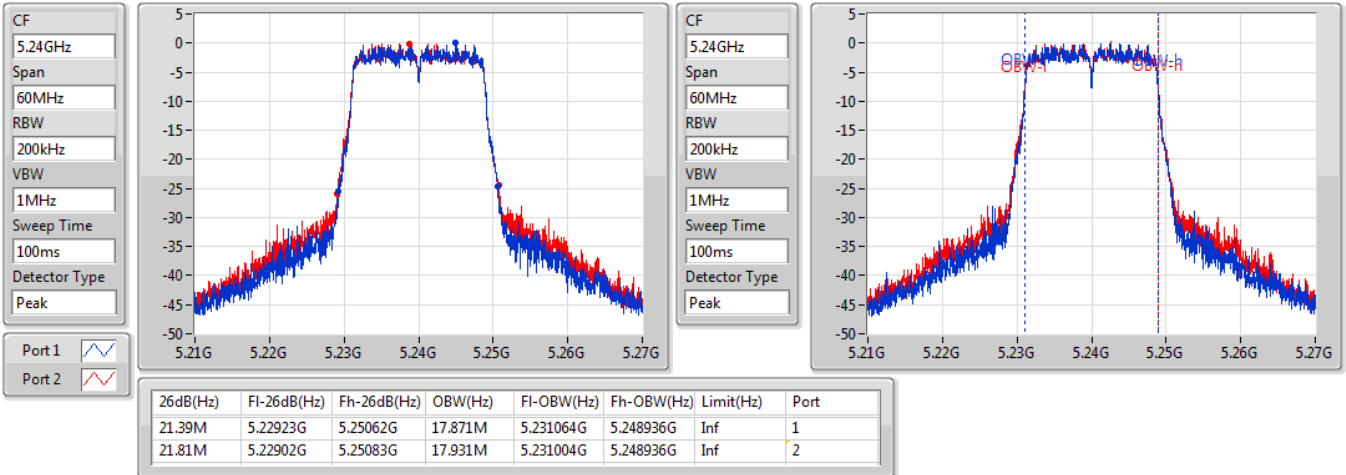
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.18917G	5.21065G	17.901M	5.191064G	5.208966G	Inf	1
21.75M	5.1892G	5.21095G	17.901M	5.191034G	5.208936G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5240MHz

05/03/2020

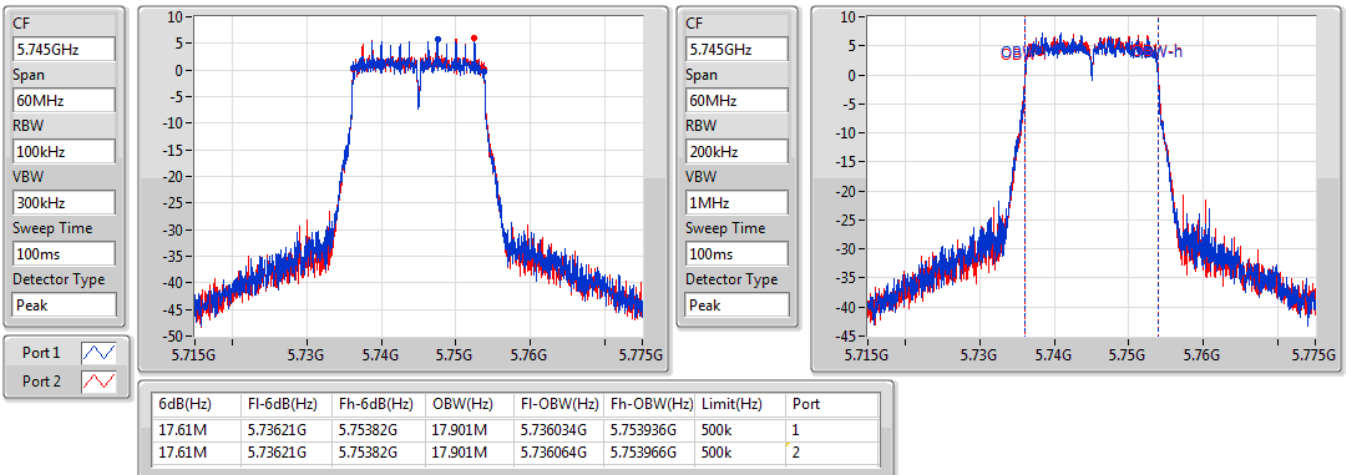


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5745MHz

24/02/2020

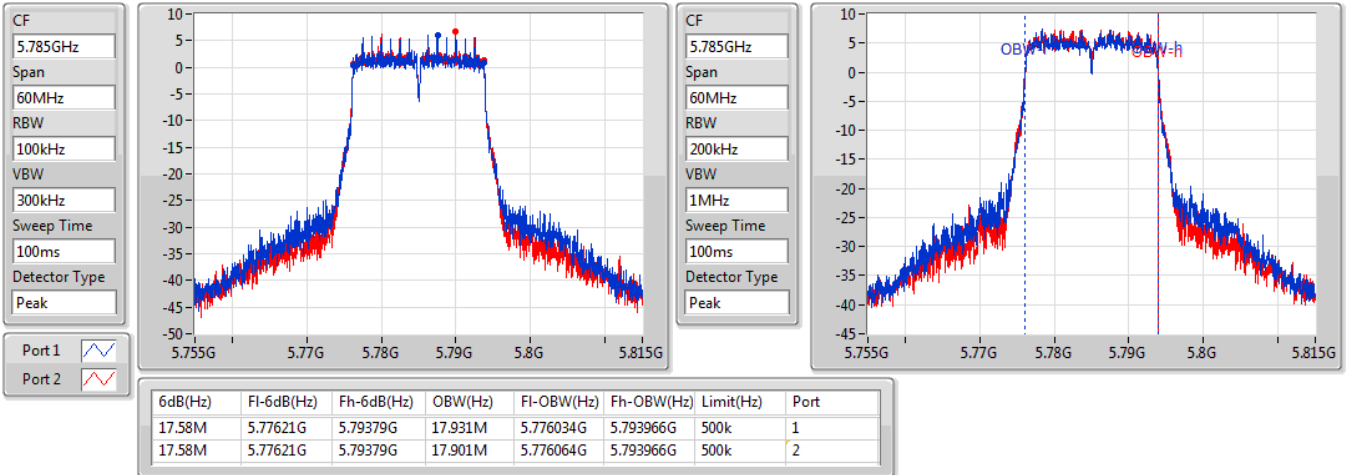


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

24/02/2020

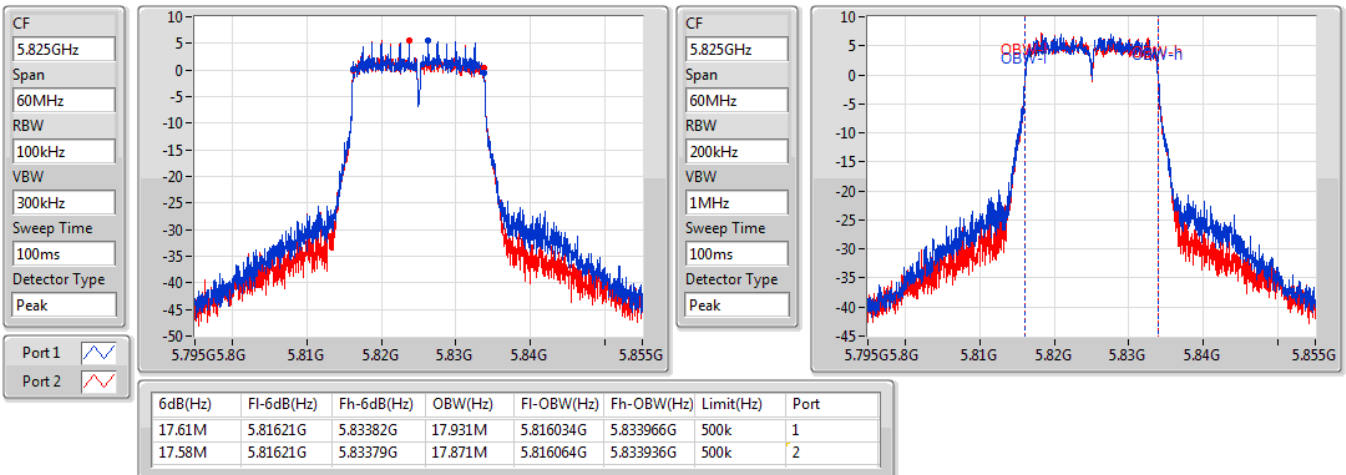


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

24/02/2020

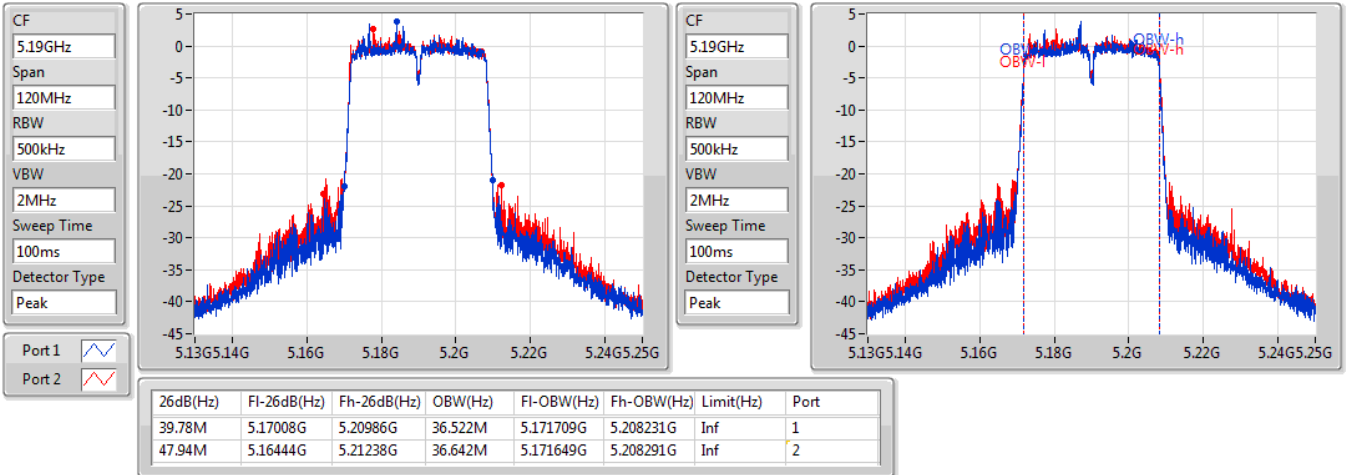


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

05/03/2020

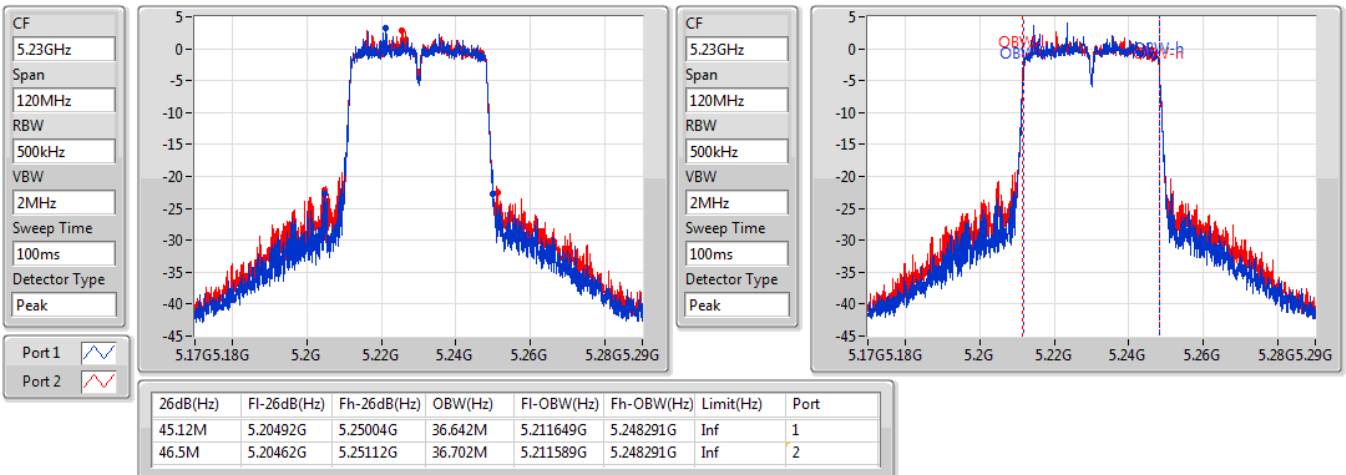


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

05/03/2020



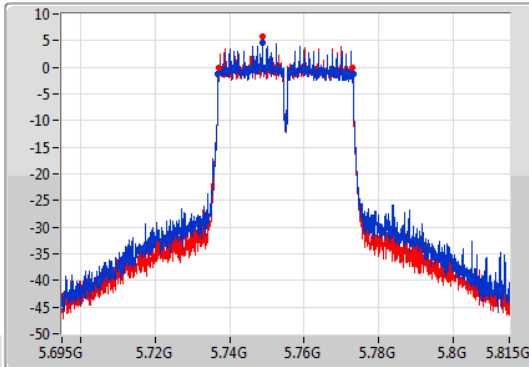
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

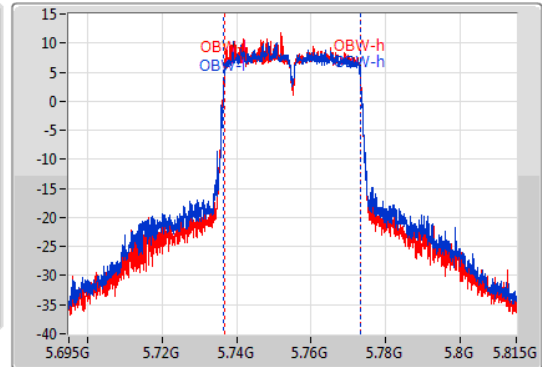
5755MHz

24/02/2020

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
36.3M	5.73688G	5.77318G	36.702M	5.736589G	5.773291G	500k	1
35.64M	5.73724G	5.77288G	36.582M	5.736649G	5.773231G	500k	2

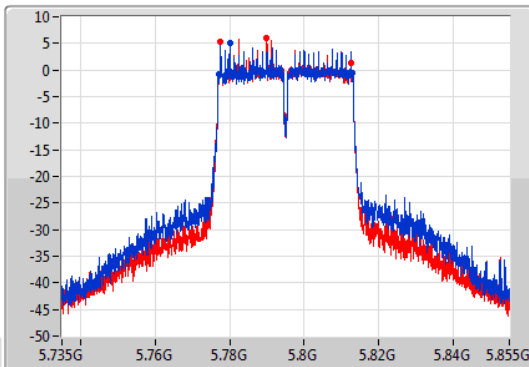
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

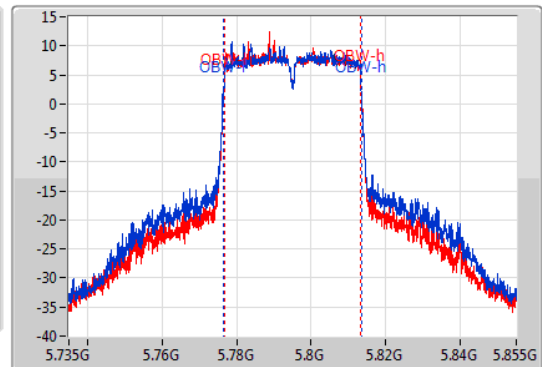
5795MHz

24/02/2020

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



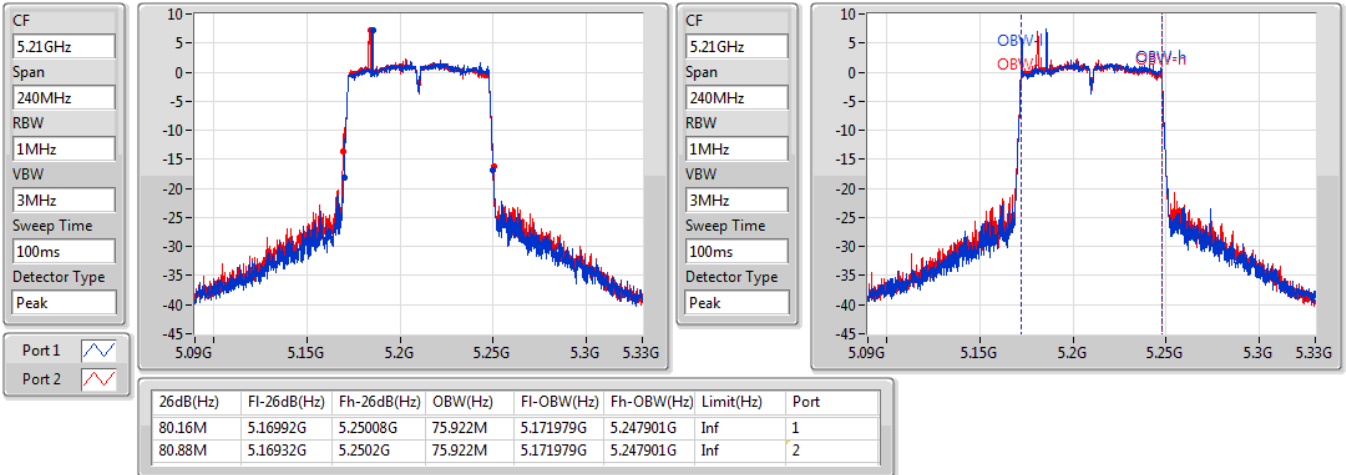
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.77712G	5.81282G	36.822M	5.776589G	5.813411G	500k	1
35.1M	5.77748G	5.81258G	36.582M	5.776709G	5.813291G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

05/03/2020

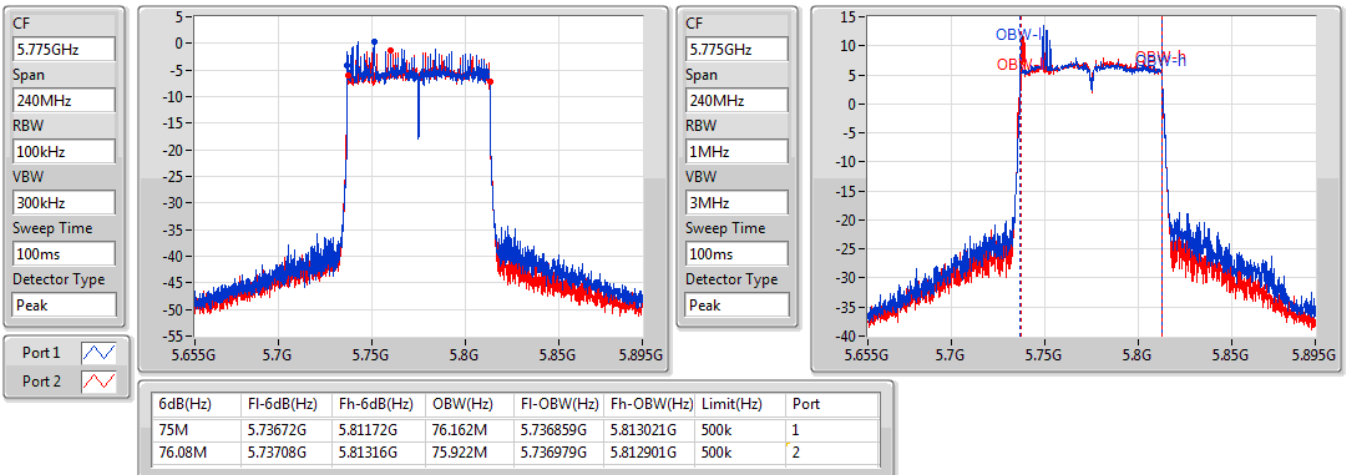


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

25/02/2020

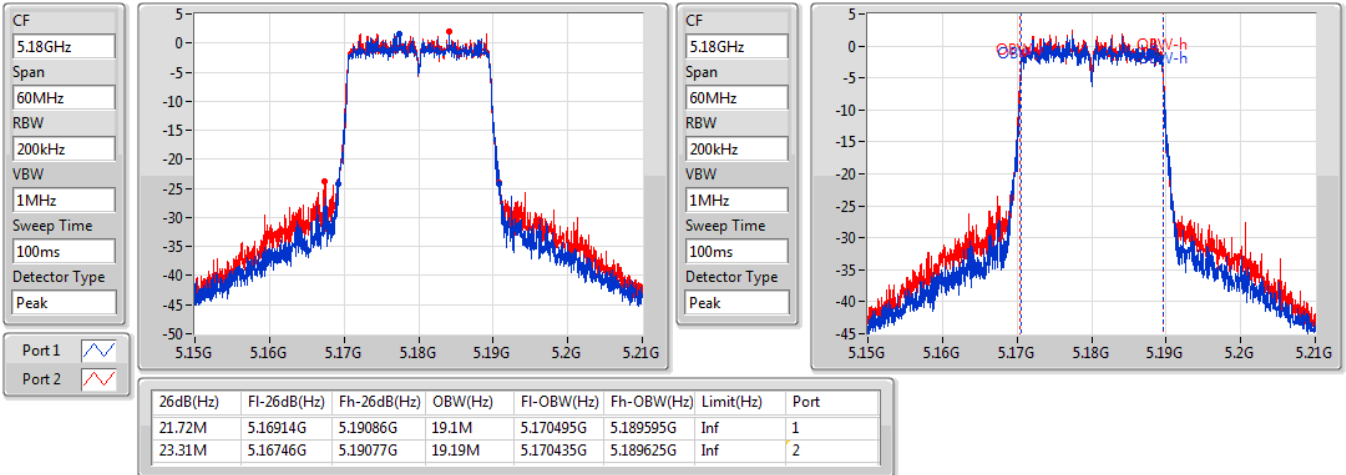


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

05/03/2020

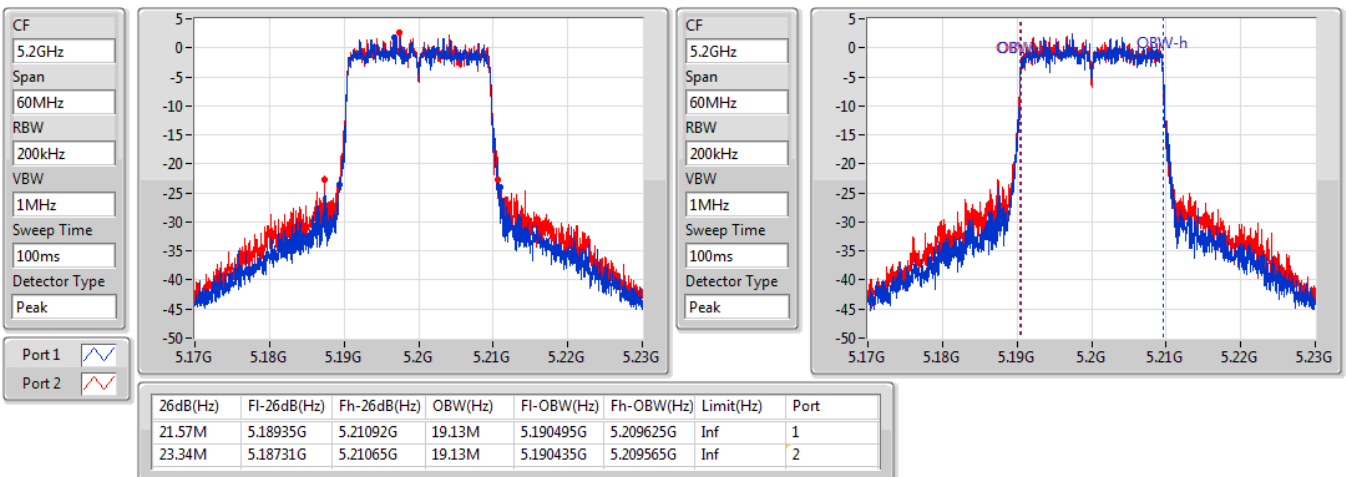


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5200MHz

05/03/2020



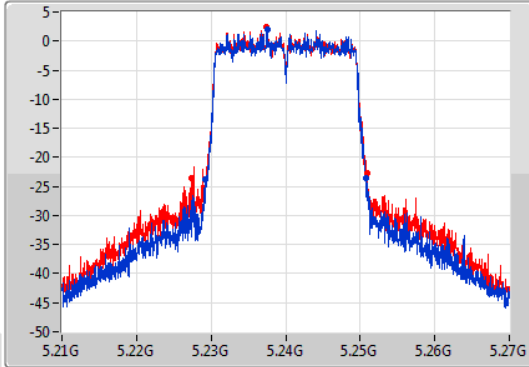
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

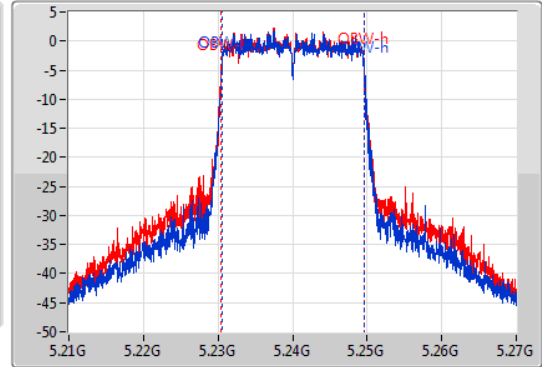
5240MHz

05/03/2020

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



CF
5.24GHz
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
21.54M	5.22926G	5.2508G	19.07M	5.230495G	5.249565G	Inf	1
23.52M	5.2274G	5.25092G	19.16M	5.230465G	5.249625G	Inf	2

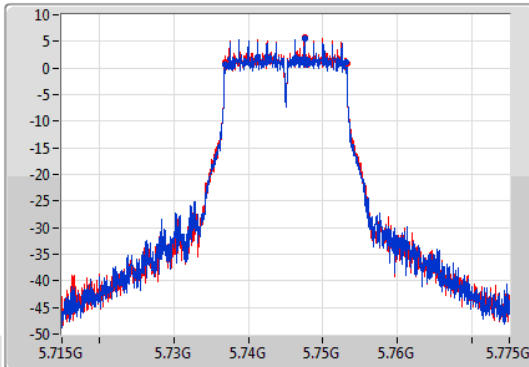
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

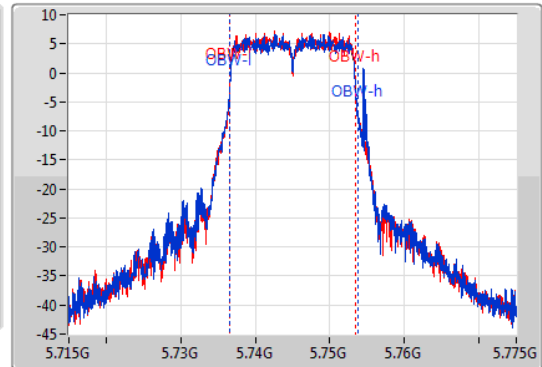
5745MHz

24/02/2020

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



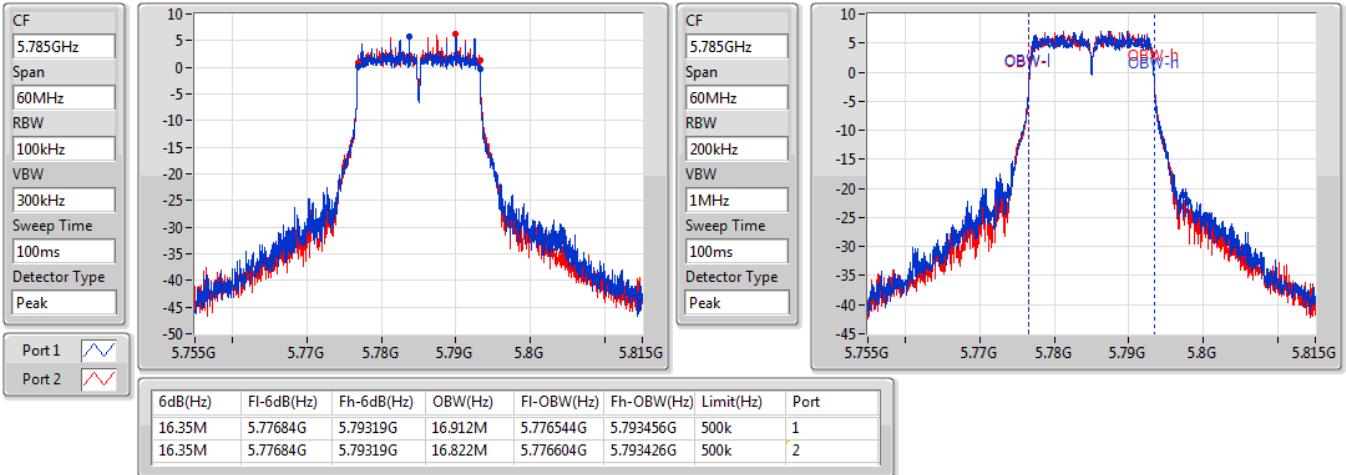
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73684G	5.75316G	17.241M	5.736574G	5.753816G	500k	1
16.35M	5.73684G	5.75319G	16.762M	5.736634G	5.753396G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5785MHz

24/02/2020

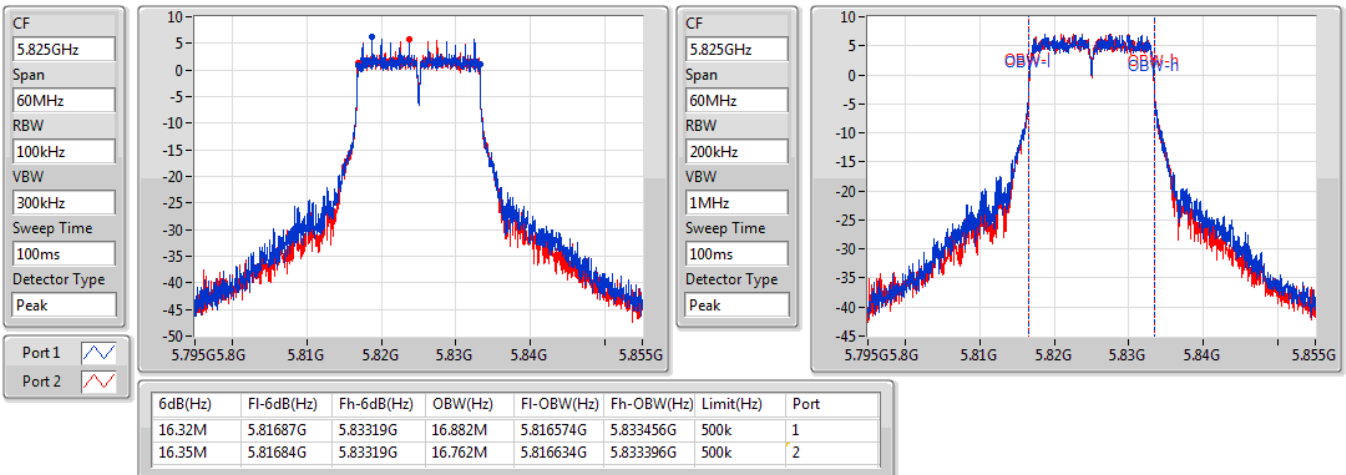


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5825MHz

24/02/2020

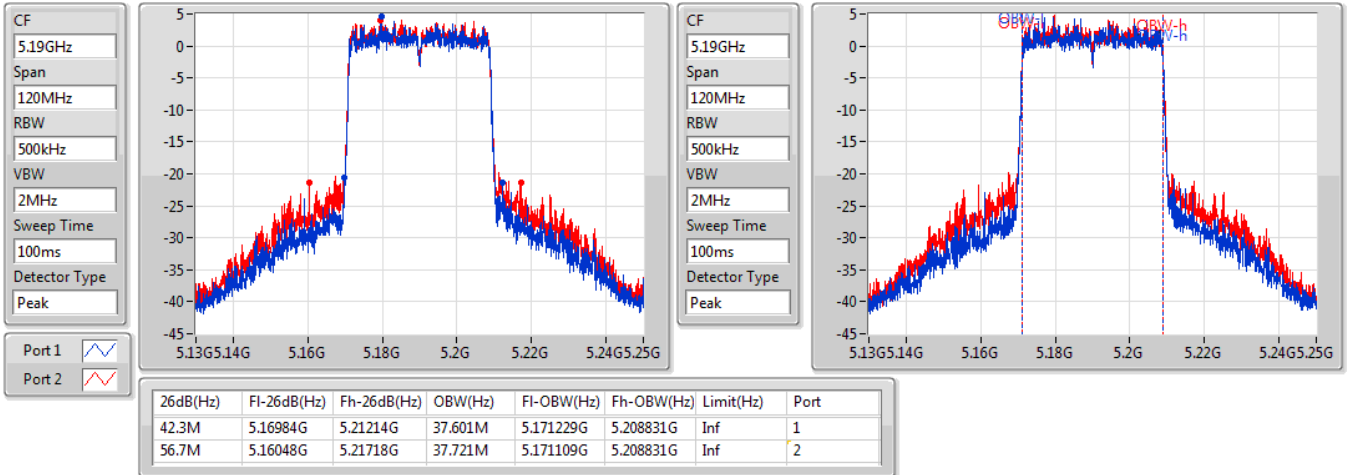


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

05/03/2020

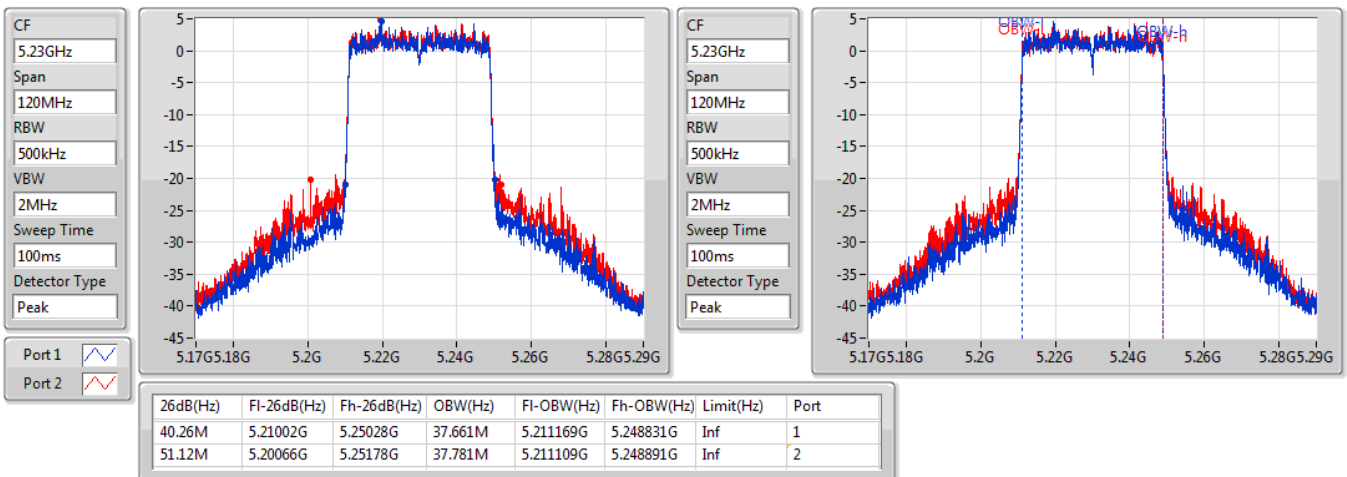


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

05/03/2020



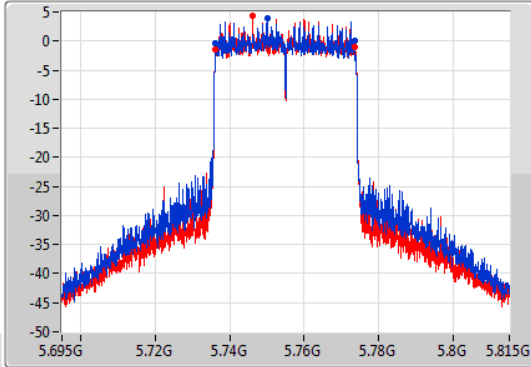
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

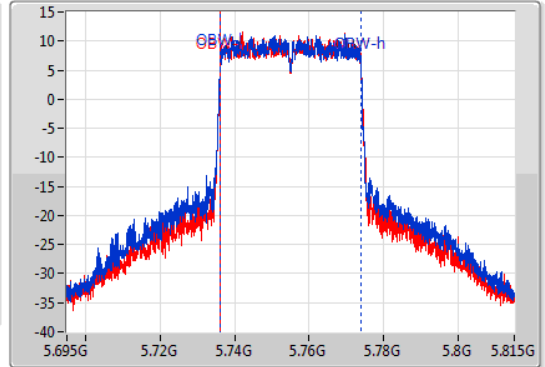
5755MHz

24/02/2020

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
37.38M	5.73622G	5.7736G	37.661M	5.736169G	5.773831G	500k	1
37.5M	5.73616G	5.77366G	37.601M	5.736229G	5.773831G	500k	2

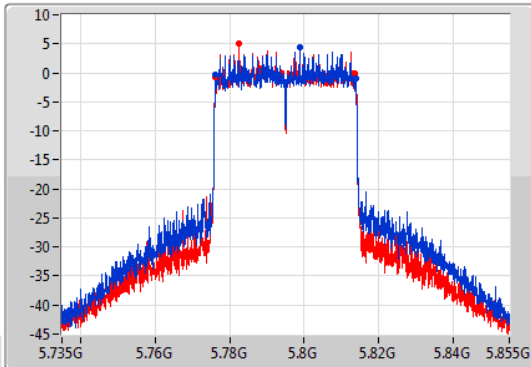
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

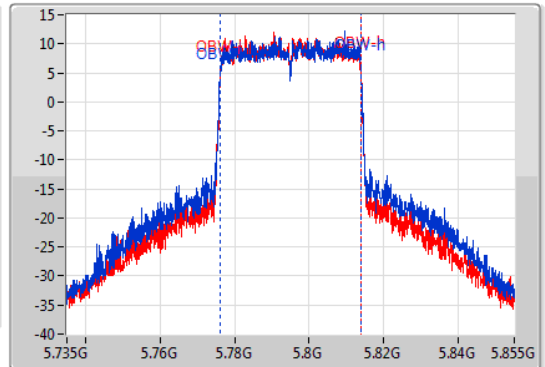
5795MHz

24/02/2020

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



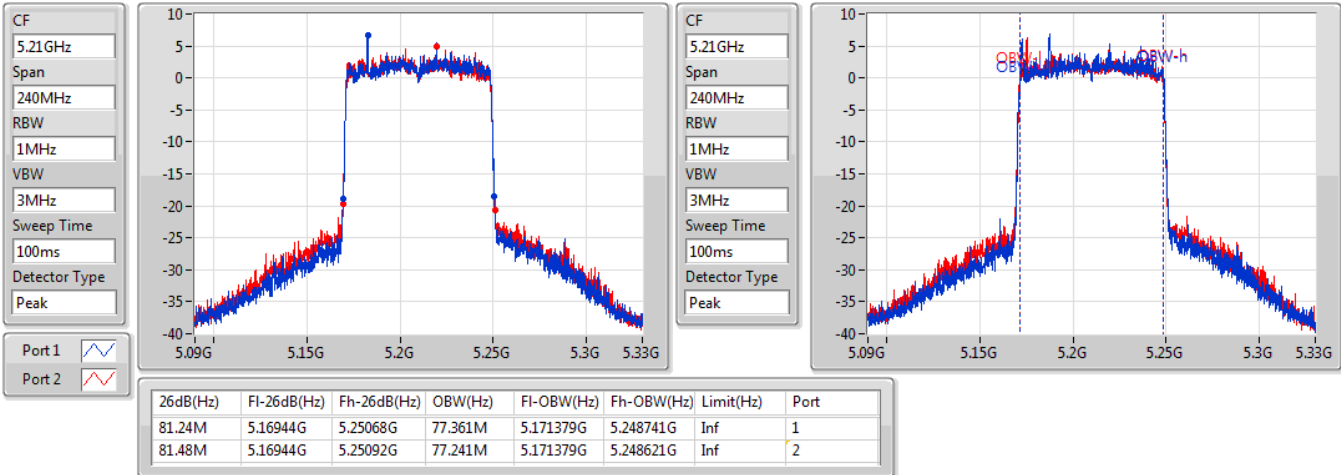
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.77628G	5.81384G	37.721M	5.776169G	5.813891G	500k	1
37.32M	5.77628G	5.8136G	37.601M	5.776229G	5.813831G	500k	2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5210MHz

05/03/2020

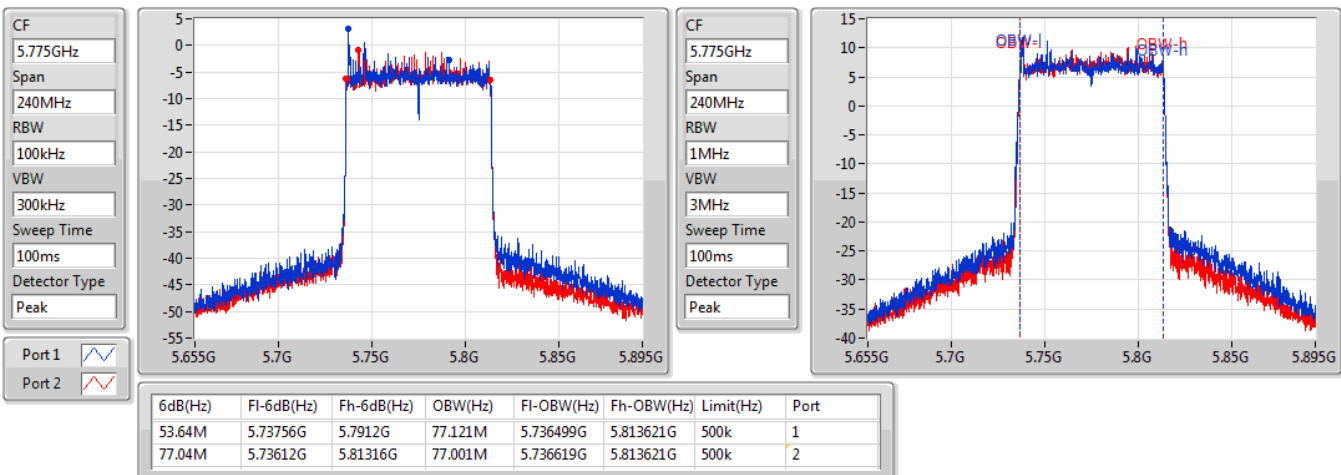


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5775MHz

24/02/2020





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.93	0.03917	20.73	0.11830
802.11ac VHT20_Nss1,(MCS0)_1TX	15.95	0.03936	20.75	0.11885
802.11ac VHT40_Nss1,(MCS0)_1TX	15.74	0.03750	20.54	0.11324
802.11ac VHT80_Nss1,(MCS0)_1TX	15.39	0.03459	20.19	0.10447
802.11ax HEW20_Nss1,(MCS0)_1TX	16.07	0.04046	20.87	0.12218
802.11ax HEW40_Nss1,(MCS0)_1TX	15.95	0.03936	20.75	0.11885
802.11ax HEW80_Nss1,(MCS0)_1TX	15.73	0.03741	20.53	0.11298
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.44	0.22080	28.24	0.66681
802.11ac VHT20_Nss1,(MCS0)_1TX	23.39	0.21827	28.19	0.65917
802.11ac VHT40_Nss1,(MCS0)_1TX	23.89	0.24491	28.69	0.73961
802.11ac VHT80_Nss1,(MCS0)_1TX	21.86	0.15346	26.66	0.46345
802.11ax HEW20_Nss1,(MCS0)_1TX	23.54	0.22594	28.34	0.68234
802.11ax HEW40_Nss1,(MCS0)_1TX	23.86	0.24322	28.66	0.73451
802.11ax HEW80_Nss1,(MCS0)_1TX	22.12	0.16293	26.92	0.49204



**Average Power
Non Beamforming Outdoor Sample 1_Radio 1_1T1S**

Appendix C.1

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	4.80	15.93	15.93	30.00	20.73	36.00
5200MHz_TnomVnom	Pass	4.80	15.79	15.79	30.00	20.59	36.00
5240MHz_TnomVnom	Pass	4.80	15.86	15.86	30.00	20.66	36.00
5745MHz_TnomVnom	Pass	4.80	23.44	23.44	30.00	28.24	36.00
5785MHz_TnomVnom	Pass	4.80	18.61	18.61	30.00	23.41	36.00
5825MHz_TnomVnom	Pass	4.80	18.81	18.81	30.00	23.61	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	15.81	15.81	30.00	20.61	36.00
5200MHz_TnomVnom	Pass	4.80	15.82	15.82	30.00	20.62	36.00
5240MHz_TnomVnom	Pass	4.80	15.95	15.95	30.00	20.75	36.00
5745MHz_TnomVnom	Pass	4.80	23.39	23.39	30.00	28.19	36.00
5785MHz_TnomVnom	Pass	4.80	18.51	18.51	30.00	23.31	36.00
5825MHz_TnomVnom	Pass	4.80	18.16	18.16	30.00	22.96	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	15.74	15.74	30.00	20.54	36.00
5230MHz_TnomVnom	Pass	4.80	15.68	15.68	30.00	20.48	36.00
5755MHz_TnomVnom	Pass	4.80	23.62	23.62	30.00	28.42	36.00
5795MHz_TnomVnom	Pass	4.80	23.89	23.89	30.00	28.69	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	15.39	15.39	30.00	20.19	36.00
5775MHz_TnomVnom	Pass	4.80	21.86	21.86	30.00	26.66	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	16.00	16.00	30.00	20.80	36.00
5200MHz_TnomVnom	Pass	4.80	15.92	15.92	30.00	20.72	36.00
5240MHz_TnomVnom	Pass	4.80	16.07	16.07	30.00	20.87	36.00
5745MHz_TnomVnom	Pass	4.80	23.54	23.54	30.00	28.34	36.00
5785MHz_TnomVnom	Pass	4.80	18.64	18.64	30.00	23.44	36.00
5825MHz_TnomVnom	Pass	4.80	18.29	18.29	30.00	23.09	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	15.95	15.95	30.00	20.75	36.00
5230MHz_TnomVnom	Pass	4.80	15.85	15.85	30.00	20.65	36.00
5755MHz_TnomVnom	Pass	4.80	23.86	23.86	30.00	28.66	36.00
5795MHz_TnomVnom	Pass	4.80	23.84	23.84	30.00	28.64	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	15.73	15.73	30.00	20.53	36.00
5775MHz_TnomVnom	Pass	4.80	22.12	22.12	30.00	26.92	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	15.88	0.03873	20.97	0.12503
802.11ac VHT20_Nss2,(MCS0)_2TX	15.75	0.03758	20.70	0.11749
802.11ac VHT40_Nss2,(MCS0)_2TX	15.50	0.03548	20.45	0.11092
802.11ac VHT80_Nss2,(MCS0)_2TX	15.25	0.03350	20.20	0.10471
802.11ax HEW20_Nss2,(MCS0)_2TX	15.89	0.03882	20.84	0.12134
802.11ax HEW40_Nss2,(MCS0)_2TX	15.86	0.03855	20.81	0.12050
802.11ax HEW80_Nss2,(MCS0)_2TX	15.79	0.03793	20.74	0.11858
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.61	0.18239	27.70	0.58884
802.11ac VHT20_Nss2,(MCS0)_2TX	21.13	0.12972	26.08	0.40551
802.11ac VHT40_Nss2,(MCS0)_2TX	22.76	0.18880	27.71	0.59020
802.11ac VHT80_Nss2,(MCS0)_2TX	22.63	0.18323	27.58	0.57280
802.11ax HEW20_Nss2,(MCS0)_2TX	21.30	0.13490	26.25	0.42170
802.11ax HEW40_Nss2,(MCS0)_2TX	23.06	0.20230	28.01	0.63241
802.11ax HEW80_Nss2,(MCS0)_2TX	22.95	0.19724	27.90	0.61660



Average Power
Non Beamforming Outdoor Sample 1 Radio 1 2T2S

Appendix C.2

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	5.09	12.66	13.07	15.88	30.00	20.97	36.00
5200MHz	Pass	5.09	12.68	12.70	15.70	30.00	20.79	36.00
5240MHz	Pass	5.09	12.64	12.89	15.78	30.00	20.87	36.00
5745MHz	Pass	5.09	19.29	19.88	22.61	30.00	27.70	36.00
5785MHz	Pass	5.09	14.20	14.58	17.40	30.00	22.49	36.00
5825MHz	Pass	5.09	12.65	13.30	16.00	30.00	21.09	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.95	12.66	12.81	15.75	30.00	20.70	36.00
5200MHz	Pass	4.95	12.62	12.72	15.68	30.00	20.63	36.00
5240MHz	Pass	4.95	12.48	12.95	15.73	30.00	20.68	36.00
5745MHz	Pass	4.95	17.87	18.36	21.13	30.00	26.08	36.00
5785MHz	Pass	4.95	15.36	15.88	18.64	30.00	23.59	36.00
5825MHz	Pass	4.95	13.94	14.46	17.22	30.00	22.17	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.95	12.69	12.28	15.50	30.00	20.45	36.00
5230MHz	Pass	4.95	12.54	12.33	15.45	30.00	20.40	36.00
5755MHz	Pass	4.95	19.77	19.72	22.76	30.00	27.71	36.00
5795MHz	Pass	4.95	16.77	16.77	19.78	30.00	24.73	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.95	12.18	12.30	15.25	30.00	20.20	36.00
5775MHz	Pass	4.95	19.37	19.86	22.63	30.00	27.58	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.95	12.79	12.84	15.83	30.00	20.78	36.00
5200MHz	Pass	4.95	12.76	12.95	15.87	30.00	20.82	36.00
5240MHz	Pass	4.95	12.80	12.95	15.89	30.00	20.84	36.00
5745MHz	Pass	4.95	18.03	18.54	21.30	30.00	26.25	36.00
5785MHz	Pass	4.95	15.66	15.91	18.80	30.00	23.75	36.00
5825MHz	Pass	4.95	14.20	14.86	17.55	30.00	22.50	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.95	13.03	12.67	15.86	30.00	20.81	36.00
5230MHz	Pass	4.95	12.86	12.77	15.83	30.00	20.78	36.00
5755MHz	Pass	4.95	20.02	20.07	23.06	30.00	28.01	36.00
5795MHz	Pass	4.95	16.97	17.04	20.02	30.00	24.97	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.95	12.70	12.85	15.79	30.00	20.74	36.00
5775MHz	Pass	4.95	19.67	20.20	22.95	30.00	27.90	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	16.01	0.03990	20.95	0.12445
802.11ac VHT20_Nss1,(MCS0)_1TX	15.78	0.03784	20.72	0.11803
802.11ac VHT40_Nss1,(MCS0)_1TX	15.75	0.03758	20.69	0.11722
802.11ac VHT80_Nss1,(MCS0)_1TX	15.33	0.03412	20.27	0.10641
802.11ax HEW20_Nss1,(MCS0)_1TX	15.99	0.03972	20.93	0.12388
802.11ax HEW40_Nss1,(MCS0)_1TX	16.02	0.03999	20.96	0.12474
802.11ax HEW80_Nss1,(MCS0)_1TX	15.76	0.03767	20.70	0.11749
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.59	0.18155	27.53	0.56624
802.11ac VHT20_Nss1,(MCS0)_1TX	22.94	0.19679	27.88	0.61376
802.11ac VHT40_Nss1,(MCS0)_1TX	22.58	0.18113	27.52	0.56494
802.11ac VHT80_Nss1,(MCS0)_1TX	21.22	0.13243	26.16	0.41305
802.11ax HEW20_Nss1,(MCS0)_1TX	23.30	0.21380	28.24	0.66681
802.11ax HEW40_Nss1,(MCS0)_1TX	22.67	0.18493	27.61	0.57677
802.11ax HEW80_Nss1,(MCS0)_1TX	21.33	0.13583	26.27	0.42364



**Average Power
Non Beamforming Outdoor Sample 1 Radio 2 1T1S**

Appendix C.3

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	4.94	15.99	15.99	30.00	20.93	36.00
5200MHz	Pass	4.94	15.94	15.94	30.00	20.88	36.00
5240MHz	Pass	4.94	16.01	16.01	30.00	20.95	36.00
5745MHz	Pass	4.94	22.59	22.59	30.00	27.53	36.00
5785MHz	Pass	4.94	22.47	22.47	30.00	27.41	36.00
5825MHz	Pass	4.94	21.95	21.95	30.00	26.89	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.94	15.59	15.59	30.00	20.53	36.00
5200MHz	Pass	4.94	15.57	15.57	30.00	20.51	36.00
5240MHz	Pass	4.94	15.78	15.78	30.00	20.72	36.00
5745MHz	Pass	4.94	22.94	22.94	30.00	27.88	36.00
5785MHz	Pass	4.94	22.72	22.72	30.00	27.66	36.00
5825MHz	Pass	4.94	22.39	22.39	30.00	27.33	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.94	15.74	15.74	30.00	20.68	36.00
5230MHz	Pass	4.94	15.75	15.75	30.00	20.69	36.00
5755MHz	Pass	4.94	22.58	22.58	30.00	27.52	36.00
5795MHz	Pass	4.94	22.48	22.48	30.00	27.42	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.94	15.33	15.33	30.00	20.27	36.00
5775MHz	Pass	4.94	21.22	21.22	30.00	26.16	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.94	15.99	15.99	30.00	20.93	36.00
5200MHz	Pass	4.94	15.86	15.86	30.00	20.80	36.00
5240MHz	Pass	4.94	15.90	15.90	30.00	20.84	36.00
5745MHz	Pass	4.94	23.30	23.30	30.00	28.24	36.00
5785MHz	Pass	4.94	23.05	23.05	30.00	27.99	36.00
5825MHz	Pass	4.94	22.67	22.67	30.00	27.61	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.94	16.02	16.02	30.00	20.96	36.00
5230MHz	Pass	4.94	15.94	15.94	30.00	20.88	36.00
5755MHz	Pass	4.94	22.67	22.67	30.00	27.61	36.00
5795MHz	Pass	4.94	22.62	22.62	30.00	27.56	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.94	15.76	15.76	30.00	20.70	36.00
5775MHz	Pass	4.94	21.33	21.33	30.00	26.27	36.00

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



**Average Power_
Non Beamforming_Outdoor_Sample 1_Radio 2_2T2S**

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.81	0.03811	20.91	0.12331
802.11ac VHT20_Nss2,(MCS0)_2TX	15.68	0.03698	20.70	0.11749
802.11ac VHT40_Nss2,(MCS0)_2TX	15.54	0.03581	20.56	0.11376
802.11ac VHT80_Nss2,(MCS0)_2TX	15.63	0.03656	20.65	0.11614
802.11ax HEW20_Nss2,(MCS0)_2TX	15.95	0.03936	20.97	0.12503
802.11ax HEW40_Nss2,(MCS0)_2TX	15.83	0.03828	20.85	0.12162
802.11ax HEW80_Nss2,(MCS0)_2TX	15.91	0.03899	20.93	0.12388
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.03	0.40087	31.13	1.29718
802.11ac VHT20_Nss2,(MCS0)_2TX	25.78	0.37844	30.80	1.20226
802.11ac VHT40_Nss2,(MCS0)_2TX	25.25	0.33497	30.27	1.06414
802.11ac VHT80_Nss2,(MCS0)_2TX	23.08	0.20324	28.10	0.64565
802.11ax HEW20_Nss2,(MCS0)_2TX	26.02	0.39994	31.04	1.27057
802.11ax HEW40_Nss2,(MCS0)_2TX	25.36	0.34356	30.38	1.09144
802.11ax HEW80_Nss2,(MCS0)_2TX	23.21	0.20941	28.23	0.66527



**Average Power
Non Beamforming Outdoor Sample 1 Radio 2 2T2S**

Appendix C.4

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	5.10	13.04	12.44	15.76	30.00	20.86	36.00
5200MHz	Pass	5.10	12.95	12.11	15.56	30.00	20.66	36.00
5240MHz	Pass	5.10	13.19	12.37	15.81	30.00	20.91	36.00
5745MHz	Pass	5.10	22.98	23.05	26.03	30.00	31.13	36.00
5785MHz	Pass	5.10	22.58	22.87	25.74	30.00	30.84	36.00
5825MHz	Pass	5.10	22.20	22.63	25.43	30.00	30.53	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.02	12.90	12.18	15.57	30.00	20.59	36.00
5200MHz	Pass	5.02	13.00	12.16	15.61	30.00	20.63	36.00
5240MHz	Pass	5.02	13.08	12.22	15.68	30.00	20.70	36.00
5745MHz	Pass	5.02	22.73	22.80	25.78	30.00	30.80	36.00
5785MHz	Pass	5.02	22.50	22.76	25.64	30.00	30.66	36.00
5825MHz	Pass	5.02	22.15	22.54	25.36	30.00	30.38	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.02	12.76	12.11	15.46	30.00	20.48	36.00
5230MHz	Pass	5.02	12.83	12.20	15.54	30.00	20.56	36.00
5755MHz	Pass	5.02	22.20	22.13	25.18	30.00	30.20	36.00
5795MHz	Pass	5.02	22.17	22.30	25.25	30.00	30.27	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.02	12.94	12.27	15.63	30.00	20.65	36.00
5775MHz	Pass	5.02	20.15	19.98	23.08	30.00	28.10	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.02	13.16	12.36	15.79	30.00	20.81	36.00
5200MHz	Pass	5.02	13.11	12.32	15.74	30.00	20.76	36.00
5240MHz	Pass	5.02	13.37	12.47	15.95	30.00	20.97	36.00
5745MHz	Pass	5.02	22.95	23.07	26.02	30.00	31.04	36.00
5785MHz	Pass	5.02	22.70	22.98	25.85	30.00	30.87	36.00
5825MHz	Pass	5.02	22.34	22.61	25.49	30.00	30.51	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.02	12.95	12.44	15.71	30.00	20.73	36.00
5230MHz	Pass	5.02	13.22	12.37	15.83	30.00	20.85	36.00
5755MHz	Pass	5.02	22.37	22.29	25.34	30.00	30.36	36.00
5795MHz	Pass	5.02	22.30	22.40	25.36	30.00	30.38	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.02	13.26	12.51	15.91	30.00	20.93	36.00
5775MHz	Pass	5.02	20.20	20.19	23.21	30.00	28.23	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	23.53	0.22542	31.53	1.42233
802.11ac VHT20_Nss1,(MCS0)_1TX	23.27	0.21232	31.27	1.33968
802.11ac VHT40_Nss1,(MCS0)_1TX	20.63	0.11561	28.63	0.72946
802.11ac VHT80_Nss1,(MCS0)_1TX	15.31	0.03396	23.31	0.21429
802.11ax HEW20_Nss1,(MCS0)_1TX	23.31	0.21429	31.31	1.35207
802.11ax HEW40_Nss1,(MCS0)_1TX	20.66	0.11641	28.66	0.73451
802.11ax HEW80_Nss1,(MCS0)_1TX	15.63	0.03656	23.63	0.23067
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.43	0.22029	31.43	1.38995
802.11ac VHT20_Nss1,(MCS0)_1TX	23.24	0.21086	31.24	1.33045
802.11ac VHT40_Nss1,(MCS0)_1TX	22.11	0.16255	30.11	1.02565
802.11ac VHT80_Nss1,(MCS0)_1TX	17.25	0.05309	25.25	0.33497
802.11ax HEW20_Nss1,(MCS0)_1TX	23.28	0.21281	31.28	1.34276
802.11ax HEW40_Nss1,(MCS0)_1TX	22.33	0.17100	30.33	1.07895
802.11ax HEW80_Nss1,(MCS0)_1TX	17.60	0.05754	25.60	0.36308



**Average Power
Non Beamforming Outdoor 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	Pass	8.00	19.3	19.30	28.00	27.30	36.00
5200MHz	Pass	8.00	23.53	23.53	28.00	31.53	36.00
5240MHz	Pass	8.00	23.3	23.30	28.00	31.30	36.00
5745MHz	Pass	8.00	20.59	20.59	28.00	28.59	36.00
5785MHz	Pass	8.00	23.4	23.40	28.00	31.40	36.00
5825MHz	Pass	8.00	23.43	23.43	28.00	31.43	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.9	17.90	28.00	25.90	36.00
5200MHz	Pass	8.00	22.11	22.11	28.00	30.11	36.00
5240MHz	Pass	8.00	23.27	23.27	28.00	31.27	36.00
5745MHz	Pass	8.00	22.82	22.82	28.00	30.82	36.00
5785MHz	Pass	8.00	23.18	23.18	28.00	31.18	36.00
5825MHz	Pass	8.00	23.24	23.24	28.00	31.24	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.82	15.82	28.00	23.82	36.00
5230MHz	Pass	8.00	20.63	20.63	28.00	28.63	36.00
5755MHz	Pass	8.00	20.73	20.73	28.00	28.73	36.00
5795MHz	Pass	8.00	22.11	22.11	28.00	30.11	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.31	15.31	28.00	23.31	36.00
5775MHz	Pass	8.00	17.25	17.25	28.00	25.25	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	18.08	18.08	28.00	26.08	36.00
5200MHz	Pass	8.00	22.22	22.22	28.00	30.22	36.00
5240MHz	Pass	8.00	23.31	23.31	28.00	31.31	36.00
5745MHz	Pass	8.00	22.87	22.87	28.00	30.87	36.00
5785MHz	Pass	8.00	23.2	23.20	28.00	31.20	36.00
5825MHz	Pass	8.00	23.28	23.28	28.00	31.28	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.9	15.90	28.00	23.90	36.00
5230MHz	Pass	8.00	20.66	20.66	28.00	28.66	36.00
5755MHz	Pass	8.00	20.89	20.89	28.00	28.89	36.00
5795MHz	Pass	8.00	22.33	22.33	28.00	30.33	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.63	15.63	28.00	23.63	36.00
5775MHz	Pass	8.00	17.6	17.60	28.00	25.60	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 1_Omni_1T1S Appendix C.5.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.53	0.22542	17.48	0.05598
802.11ac VHT20_Nss1,(MCS0)_1TX	23.27	0.21232	17.22	0.05272
802.11ac VHT40_Nss1,(MCS0)_1TX	20.63	0.11561	14.58	0.02871
802.11ac VHT80_Nss1,(MCS0)_1TX	15.31	0.03396	9.26	0.00843
802.11ax HEW20_Nss1,(MCS0)_1TX	23.31	0.21429	17.26	0.05321
802.11ax HEW40_Nss1,(MCS0)_1TX	20.66	0.11641	14.61	0.02891
802.11ax HEW80_Nss1,(MCS0)_1TX	15.63	0.03656	9.58	0.00908



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 1_Omni_1T1S Appendix C.5.1**

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	-6.05	19.3	19.30	30.00	13.25	36.00
5200MHz	Pass	-6.05	23.53	23.53	30.00	17.48	36.00
5240MHz	Pass	-6.05	23.3	23.30	30.00	17.25	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.9	17.90	30.00	11.85	36.00
5200MHz	Pass	-6.05	22.11	22.11	30.00	16.06	36.00
5240MHz	Pass	-6.05	23.27	23.27	30.00	17.22	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.82	15.82	30.00	9.77	36.00
5230MHz	Pass	-6.05	20.63	20.63	30.00	14.58	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	15.31	15.31	30.00	9.26	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	18.08	18.08	30.00	12.03	36.00
5200MHz	Pass	-6.05	22.22	22.22	30.00	16.17	36.00
5240MHz	Pass	-6.05	23.31	23.31	30.00	17.26	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.9	15.90	30.00	9.85	36.00
5230MHz	Pass	-6.05	20.66	20.66	30.00	14.61	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	15.63	15.63	30.00	9.58	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	24.70	0.29512	32.70	1.86209
802.11ac VHT20_Nss2,(MCS0)_2TX	25.84	0.38371	33.84	2.42103
802.11ac VHT40_Nss2,(MCS0)_2TX	21.89	0.15453	29.89	0.97499
802.11ac VHT80_Nss2,(MCS0)_2TX	16.55	0.04519	24.55	0.28510
802.11ax HEW20_Nss2,(MCS0)_2TX	26.11	0.40832	34.11	2.57632
802.11ax HEW40_Nss2,(MCS0)_2TX	21.91	0.15524	29.91	0.97949
802.11ax HEW80_Nss2,(MCS0)_2TX	16.57	0.04539	24.57	0.28642
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.62	0.23014	31.62	1.45211
802.11ac VHT20_Nss2,(MCS0)_2TX	23.98	0.25003	31.98	1.57761
802.11ac VHT40_Nss2,(MCS0)_2TX	23.30	0.21380	31.30	1.34896
802.11ac VHT80_Nss2,(MCS0)_2TX	20.13	0.10304	28.13	0.65013
802.11ax HEW20_Nss2,(MCS0)_2TX	24.18	0.26182	32.18	1.65196
802.11ax HEW40_Nss2,(MCS0)_2TX	23.31	0.21429	31.31	1.35207
802.11ax HEW80_Nss2,(MCS0)_2TX	20.17	0.10399	28.17	0.65615



**Average Power
Non Beamforming Outdoor 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	Pass	8.00	16.25	16.36	19.32	28.00	27.32	36.00
5200MHz	Pass	8.00	21.62	21.76	24.70	28.00	32.70	36.00
5240MHz	Pass	8.00	21.54	21.56	24.56	28.00	32.56	36.00
5745MHz	Pass	8.00	20.16	21.02	23.62	28.00	31.62	36.00
5785MHz	Pass	8.00	17.11	17.91	20.54	28.00	28.54	36.00
5825MHz	Pass	8.00	13.59	13.75	16.68	28.00	24.68	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	16.03	16.22	19.14	28.00	27.14	36.00
5200MHz	Pass	8.00	20.51	20.64	23.59	28.00	31.59	36.00
5240MHz	Pass	8.00	22.75	22.91	25.84	28.00	33.84	36.00
5745MHz	Pass	8.00	20.69	21.24	23.98	28.00	31.98	36.00
5785MHz	Pass	8.00	18.98	19.54	22.28	28.00	30.28	36.00
5825MHz	Pass	8.00	13.08	13.33	16.22	28.00	24.22	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	14.03	13.95	17.00	28.00	25.00	36.00
5230MHz	Pass	8.00	18.95	18.81	21.89	28.00	29.89	36.00
5755MHz	Pass	8.00	18.92	18.84	21.89	28.00	29.89	36.00
5795MHz	Pass	8.00	20.30	20.28	23.30	28.00	31.30	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	13.49	13.59	16.55	28.00	24.55	36.00
5775MHz	Pass	8.00	16.86	17.36	20.13	28.00	28.13	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	16.46	16.53	19.51	28.00	27.51	36.00
5200MHz	Pass	8.00	20.98	20.98	23.99	28.00	31.99	36.00
5240MHz	Pass	8.00	23.03	23.16	26.11	28.00	34.11	36.00
5745MHz	Pass	8.00	20.90	21.42	24.18	28.00	32.18	36.00
5785MHz	Pass	8.00	19.19	19.71	22.47	28.00	30.47	36.00
5825MHz	Pass	8.00	13.30	13.82	16.58	28.00	24.58	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	14.16	14.03	17.11	28.00	25.11	36.00
5230MHz	Pass	8.00	18.96	18.84	21.91	28.00	29.91	36.00
5755MHz	Pass	8.00	18.93	18.91	21.93	28.00	29.93	36.00
5795MHz	Pass	8.00	20.32	20.28	23.31	28.00	31.31	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	13.56	13.56	16.57	28.00	24.57	36.00
5775MHz	Pass	8.00	16.89	17.41	20.17	28.00	28.17	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 1_Omni_2T2S Appendix C.6.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.70	0.29512	18.65	0.07328
802.11ac VHT20_Nss2,(MCS0)_2TX	25.84	0.38371	19.79	0.09528
802.11ac VHT40_Nss2,(MCS0)_2TX	21.89	0.15453	15.84	0.03837
802.11ac VHT80_Nss2,(MCS0)_2TX	16.55	0.04519	10.50	0.01122
802.11ax HEW20_Nss2,(MCS0)_2TX	26.11	0.40832	20.06	0.10139
802.11ax HEW40_Nss2,(MCS0)_2TX	21.91	0.15524	15.86	0.03855
802.11ax HEW80_Nss2,(MCS0)_2TX	16.57	0.04539	10.52	0.01127



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 1_Omni_2T2S Appendix C.6.1**

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	-6.05	16.25	16.36	19.32	30.00	13.27	36.00
5200MHz	Pass	-6.05	21.62	21.76	24.70	30.00	18.65	36.00
5240MHz	Pass	-6.05	21.54	21.56	24.56	30.00	18.51	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.03	16.22	19.14	30.00	13.09	36.00
5200MHz	Pass	-6.05	20.51	20.64	23.59	30.00	17.54	36.00
5240MHz	Pass	-6.05	22.75	22.91	25.84	30.00	19.79	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	14.03	13.95	17.00	30.00	10.95	36.00
5230MHz	Pass	-6.05	18.95	18.81	21.89	30.00	15.84	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.49	13.59	16.55	30.00	10.50	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.46	16.53	19.51	30.00	13.46	36.00
5200MHz	Pass	-6.05	20.98	20.98	23.99	30.00	17.94	36.00
5240MHz	Pass	-6.05	23.03	23.16	26.11	30.00	20.06	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	14.16	14.03	17.11	30.00	11.06	36.00
5230MHz	Pass	-6.05	18.96	18.84	21.91	30.00	15.86	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.56	13.56	16.57	30.00	10.52	36.00

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



Average Power_
Non Beamforming_Outdoor_Sample 2_Radio 1_Panel 1_1T1S Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	12.91	0.01954	23.61	0.22961
802.11ac VHT20_Nss1,(MCS0)_1TX	12.59	0.01816	23.29	0.21330
802.11ac VHT40_Nss1,(MCS0)_1TX	12.88	0.01941	23.58	0.22803
802.11ac VHT80_Nss1,(MCS0)_1TX	12.22	0.01667	22.92	0.19588
802.11ax HEW20_Nss1,(MCS0)_1TX	12.89	0.01945	23.59	0.22856
802.11ax HEW40_Nss1,(MCS0)_1TX	13.09	0.02037	23.79	0.23933
802.11ax HEW80_Nss1,(MCS0)_1TX	12.71	0.01866	23.41	0.21928
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.50	0.22387	34.20	2.63027
802.11ac VHT20_Nss1,(MCS0)_1TX	23.45	0.22131	34.15	2.60016
802.11ac VHT40_Nss1,(MCS0)_1TX	22.32	0.17061	33.02	2.00447
802.11ac VHT80_Nss1,(MCS0)_1TX	17.03	0.05047	27.73	0.59293
802.11ax HEW20_Nss1,(MCS0)_1TX	23.62	0.23014	34.32	2.70396
802.11ax HEW40_Nss1,(MCS0)_1TX	22.56	0.18030	33.26	2.11836
802.11ax HEW80_Nss1,(MCS0)_1TX	17.39	0.05483	28.09	0.64417



Average Power
Non Beamforming_Outdoor_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	12.83	12.83	25.30	23.53	36.00
5200MHz	Pass	10.70	12.91	12.91	25.30	23.61	36.00
5240MHz	Pass	10.70	12.81	12.81	25.30	23.51	36.00
5745MHz	Pass	10.70	22.34	22.34	25.30	33.04	36.00
5785MHz	Pass	10.70	23.50	23.50	25.30	34.20	36.00
5825MHz	Pass	10.70	23.48	23.48	25.30	34.18	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	12.59	12.59	25.30	23.29	36.00
5200MHz	Pass	10.70	12.44	12.44	25.30	23.14	36.00
5240MHz	Pass	10.70	12.51	12.51	25.30	23.21	36.00
5745MHz	Pass	10.70	21.39	21.39	25.30	32.09	36.00
5785MHz	Pass	10.70	23.45	23.45	25.30	34.15	36.00
5825MHz	Pass	10.70	23.31	23.31	25.30	34.01	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	12.88	12.88	25.30	23.58	36.00
5230MHz	Pass	10.70	12.87	12.87	25.30	23.57	36.00
5755MHz	Pass	10.70	21.09	21.09	25.30	31.79	36.00
5795MHz	Pass	10.70	22.32	22.32	25.30	33.02	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	12.22	12.22	25.30	22.92	36.00
5775MHz	Pass	10.70	17.03	17.03	25.30	27.73	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	12.87	12.87	25.30	23.57	36.00
5200MHz	Pass	10.70	12.82	12.82	25.30	23.52	36.00
5240MHz	Pass	10.70	12.89	12.89	25.30	23.59	36.00
5745MHz	Pass	10.70	21.57	21.57	25.30	32.27	36.00
5785MHz	Pass	10.70	23.62	23.62	25.30	34.32	36.00
5825MHz	Pass	10.70	23.57	23.57	25.30	34.27	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	13.09	13.09	25.30	23.79	36.00
5230MHz	Pass	10.70	13.05	13.05	25.30	23.75	36.00
5755MHz	Pass	10.70	21.38	21.38	25.30	32.08	36.00
5795MHz	Pass	10.70	22.56	22.56	25.30	33.26	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	12.71	12.71	25.30	23.41	36.00
5775MHz	Pass	10.70	17.39	17.39	25.30	28.09	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 1_Panel 1_1T1S Appendix C.7.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	12.91	0.01954	20.81	0.12050
802.11ac VHT20_Nss1,(MCS0)_1TX	12.59	0.01816	20.49	0.11194
802.11ac VHT40_Nss1,(MCS0)_1TX	12.88	0.01941	20.78	0.11967
802.11ac VHT80_Nss1,(MCS0)_1TX	12.22	0.01667	20.12	0.10280
802.11ax HEW20_Nss1,(MCS0)_1TX	12.89	0.01945	20.79	0.11995
802.11ax HEW40_Nss1,(MCS0)_1TX	13.09	0.02037	20.99	0.12560
802.11ax HEW80_Nss1,(MCS0)_1TX	12.71	0.01866	20.61	0.11508



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees
Non Beamforming Outdoor Sample 2 Radio 1 Panel 1_1T1S Appendix C.7.1**

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	7.90	12.83	12.83	28.10	20.73	36.00
5200MHz	Pass	7.90	12.91	12.91	28.10	20.81	36.00
5240MHz	Pass	7.90	12.81	12.81	28.10	20.71	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	7.90	12.59	12.59	28.10	20.49	36.00
5200MHz	Pass	7.90	12.44	12.44	28.10	20.34	36.00
5240MHz	Pass	7.90	12.51	12.51	28.10	20.41	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	7.90	12.88	12.88	28.10	20.78	36.00
5230MHz	Pass	7.90	12.87	12.87	28.10	20.77	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	7.90	12.22	12.22	28.10	20.12	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	7.90	12.87	12.87	28.10	20.77	36.00
5200MHz	Pass	7.90	12.82	12.82	28.10	20.72	36.00
5240MHz	Pass	7.90	12.89	12.89	28.10	20.79	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	7.90	13.09	13.09	28.10	20.99	36.00
5230MHz	Pass	7.90	13.05	13.05	28.10	20.95	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	7.90	12.71	12.71	28.10	20.61	36.00

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



Average Power_
Non Beamforming_Outdoor_Sample 2_Radio 1_Panel 1_2T2S Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.96	0.01977	23.66	0.23227
802.11ac VHT20_Nss2,(MCS0)_2TX	12.82	0.01914	23.52	0.22491
802.11ac VHT40_Nss2,(MCS0)_2TX	12.5	0.01778	23.2	0.20893
802.11ac VHT80_Nss2,(MCS0)_2TX	12.51	0.01782	23.21	0.20941
802.11ax HEW20_Nss2,(MCS0)_2TX	13.09	0.02037	23.79	0.23933
802.11ax HEW40_Nss2,(MCS0)_2TX	12.76	0.01888	23.46	0.22182
802.11ax HEW80_Nss2,(MCS0)_2TX	12.86	0.01932	23.56	0.22699
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.76	0.29923	35.46	3.51560
802.11ac VHT20_Nss2,(MCS0)_2TX	24.52	0.28314	35.22	3.32660
802.11ac VHT40_Nss2,(MCS0)_2TX	23.72	0.23550	34.42	2.76694
802.11ac VHT80_Nss2,(MCS0)_2TX	20.28	0.10666	30.98	1.25314
802.11ax HEW20_Nss2,(MCS0)_2TX	24.65	0.29174	35.35	3.42768
802.11ax HEW40_Nss2,(MCS0)_2TX	23.86	0.24322	34.56	2.85759
802.11ax HEW80_Nss2,(MCS0)_2TX	20.58	0.11429	31.28	1.34276



Average Power
Non Beamforming Outdoor 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	Pass	10.70	10.12	9.7	12.93	25.30	23.63	36.00
5200MHz	Pass	10.70	10.04	9.78	12.92	25.30	23.62	36.00
5240MHz	Pass	10.70	10.12	9.78	12.96	25.30	23.66	36.00
5745MHz	Pass	10.70	21.81	21.69	24.76	25.30	35.46	36.00
5785MHz	Pass	10.70	21.67	21.61	24.65	25.30	35.35	36.00
5825MHz	Pass	10.70	14.50	14.64	17.58	25.30	28.28	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	9.82	9.77	12.81	25.30	23.51	36.00
5200MHz	Pass	10.70	9.89	9.71	12.81	25.30	23.51	36.00
5240MHz	Pass	10.70	9.94	9.67	12.82	25.30	23.52	36.00
5745MHz	Pass	10.70	21.53	21.41	24.48	25.30	35.18	36.00
5785MHz	Pass	10.70	21.47	21.55	24.52	25.30	35.22	36.00
5825MHz	Pass	10.70	15.38	15.55	18.48	25.30	29.18	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	9.65	9.24	12.46	25.30	23.16	36.00
5230MHz	Pass	10.70	9.73	9.23	12.5	25.30	23.2	36.00
5755MHz	Pass	10.70	20.68	20.73	23.72	25.30	34.42	36.00
5795MHz	Pass	10.70	20.61	20.71	23.67	25.30	34.37	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	9.31	9.68	12.51	25.30	23.21	36.00
5775MHz	Pass	10.70	17.07	17.46	20.28	25.30	30.98	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	10.27	9.87	13.08	25.30	23.78	36.00
5200MHz	Pass	10.70	10.17	9.99	13.09	25.30	23.79	36.00
5240MHz	Pass	10.70	10.18	9.93	13.07	25.30	23.77	36.00
5745MHz	Pass	10.70	21.69	21.53	24.62	25.30	35.32	36.00
5785MHz	Pass	10.70	21.61	21.67	24.65	25.30	35.35	36.00
5825MHz	Pass	10.70	15.84	15.79	18.83	25.30	29.53	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	9.9	9.59	12.76	25.30	23.46	36.00
5230MHz	Pass	10.70	9.91	9.54	12.74	25.30	23.44	36.00
5755MHz	Pass	10.70	20.78	20.91	23.86	25.30	34.56	36.00
5795MHz	Pass	10.70	20.74	20.65	23.71	25.30	34.41	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	9.67	10.02	12.86	25.30	23.56	36.00
5775MHz	Pass	10.70	17.43	17.71	20.58	25.30	31.28	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 1_Panel 1_2T2S Appendix C.8.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.96	0.01977	20.86	0.12190
802.11ac VHT20_Nss2,(MCS0)_2TX	12.82	0.01914	20.72	0.11803
802.11ac VHT40_Nss2,(MCS0)_2TX	12.50	0.01778	20.40	0.10965
802.11ac VHT80_Nss2,(MCS0)_2TX	12.51	0.01782	20.41	0.10990
802.11ax HEW20_Nss2,(MCS0)_2TX	13.09	0.02037	20.99	0.12560
802.11ax HEW40_Nss2,(MCS0)_2TX	12.76	0.01888	20.66	0.11641
802.11ax HEW80_Nss2,(MCS0)_2TX	12.86	0.01932	20.76	0.11912



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees
Non Beamforming Outdoor Sample 2 Radio 1 Panel 1_2T2S Appendix C.8.1**

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	7.90	10.12	9.70	12.93	28.10	20.83	36.00
5200MHz	Pass	7.90	10.04	9.78	12.92	28.10	20.82	36.00
5240MHz	Pass	7.90	10.12	9.78	12.96	28.10	20.86	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.90	9.82	9.77	12.81	28.10	20.71	36.00
5200MHz	Pass	7.90	9.89	9.71	12.81	28.10	20.71	36.00
5240MHz	Pass	7.90	9.94	9.67	12.82	28.10	20.72	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.90	9.65	9.24	12.46	28.10	20.36	36.00
5230MHz	Pass	7.90	9.73	9.23	12.50	28.10	20.40	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.90	9.31	9.68	12.51	28.10	20.41	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.90	10.27	9.87	13.08	28.10	20.98	36.00
5200MHz	Pass	7.90	10.17	9.99	13.09	28.10	20.99	36.00
5240MHz	Pass	7.90	10.18	9.93	13.07	28.10	20.97	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.90	9.90	9.59	12.76	28.10	20.66	36.00
5230MHz	Pass	7.90	9.91	9.54	12.74	28.10	20.64	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.90	9.67	10.02	12.86	28.10	20.76	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	23.21	0.20941	31.21	1.32130
802.11ac VHT20_Nss1,(MCS0)_1TX	22.96	0.19770	30.96	1.24738
802.11ac VHT40_Nss1,(MCS0)_1TX	20.29	0.10691	28.29	0.67453
802.11ac VHT80_Nss1,(MCS0)_1TX	15.02	0.03177	23.02	0.20045
802.11ax HEW20_Nss1,(MCS0)_1TX	23.13	0.20559	31.13	1.29718
802.11ax HEW40_Nss1,(MCS0)_1TX	20.57	0.11402	28.57	0.71945
802.11ax HEW80_Nss1,(MCS0)_1TX	15.44	0.03499	23.44	0.22080
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.21	0.16634	30.21	1.04954
802.11ac VHT20_Nss1,(MCS0)_1TX	22.56	0.18030	30.56	1.13763
802.11ac VHT40_Nss1,(MCS0)_1TX	23.17	0.20749	31.17	1.30918
802.11ac VHT80_Nss1,(MCS0)_1TX	19.60	0.09120	27.60	0.57544
802.11ax HEW20_Nss1,(MCS0)_1TX	22.69	0.18578	30.69	1.17220
802.11ax HEW40_Nss1,(MCS0)_1TX	23.21	0.20941	31.21	1.32130
802.11ax HEW80_Nss1,(MCS0)_1TX	19.72	0.09376	27.72	0.59156



**Average Power
Non Beamforming Outdoor 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	18.58	18.58	28.00	26.58	36.00
5200MHz	Pass	8.00	23.00	23.00	28.00	31.00	36.00
5240MHz	Pass	8.00	23.21	23.21	28.00	31.21	36.00
5745MHz	Pass	8.00	22.21	22.21	28.00	30.21	36.00
5785MHz	Pass	8.00	22.07	22.07	28.00	30.07	36.00
5825MHz	Pass	8.00	21.77	21.77	28.00	29.77	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.80	17.80	28.00	25.80	36.00
5200MHz	Pass	8.00	22.37	22.37	28.00	30.37	36.00
5240MHz	Pass	8.00	22.96	22.96	28.00	30.96	36.00
5745MHz	Pass	8.00	22.56	22.56	28.00	30.56	36.00
5785MHz	Pass	8.00	21.42	21.42	28.00	29.42	36.00
5825MHz	Pass	8.00	21.08	21.08	28.00	29.08	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.90	15.90	28.00	23.90	36.00
5230MHz	Pass	8.00	20.29	20.29	28.00	28.29	36.00
5755MHz	Pass	8.00	23.17	23.17	28.00	31.17	36.00
5795MHz	Pass	8.00	23.07	23.07	28.00	31.07	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.02	15.02	28.00	23.02	36.00
5775MHz	Pass	8.00	19.60	19.60	28.00	27.60	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.91	17.91	28.00	25.91	36.00
5200MHz	Pass	8.00	22.39	22.39	28.00	30.39	36.00
5240MHz	Pass	8.00	23.13	23.13	28.00	31.13	36.00
5745MHz	Pass	8.00	22.69	22.69	28.00	30.69	36.00
5785MHz	Pass	8.00	21.75	21.75	28.00	29.75	36.00
5825MHz	Pass	8.00	21.30	21.30	28.00	29.30	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	16.14	16.14	28.00	24.14	36.00
5230MHz	Pass	8.00	20.57	20.57	28.00	28.57	36.00
5755MHz	Pass	8.00	23.21	23.21	28.00	31.21	36.00
5795MHz	Pass	8.00	23.17	23.17	28.00	31.17	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.44	15.44	28.00	23.44	36.00
5775MHz	Pass	8.00	19.72	19.72	28.00	27.72	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 2_Omni_1T1S Appendix C.9.1**

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	17.16	0.05200
802.11ac VHT20_Nss1,(MCS0)_1TX	22.96	0.19770	16.91	0.04909
802.11ac VHT40_Nss1,(MCS0)_1TX	20.29	0.10691	14.24	0.02655
802.11ac VHT80_Nss1,(MCS0)_1TX	15.02	0.03177	8.97	0.00789
802.11ax HEW20_Nss1,(MCS0)_1TX	23.13	0.20559	17.08	0.05105
802.11ax HEW40_Nss1,(MCS0)_1TX	20.57	0.11402	14.52	0.02831
802.11ax HEW80_Nss1,(MCS0)_1TX	15.44	0.03499	9.39	0.00869



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 2_Omni_1T1S Appendix C.9.1**

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	-6.05	18.58	18.58	30.00	12.53	21.00
5200MHz	Pass	-6.05	23.00	23.00	30.00	16.95	21.00
5240MHz	Pass	-6.05	23.21	23.21	30.00	17.16	21.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.80	17.80	30.00	11.75	21.00
5200MHz	Pass	-6.05	22.37	22.37	30.00	16.32	21.00
5240MHz	Pass	-6.05	22.96	22.96	30.00	16.91	21.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.90	15.90	30.00	9.85	21.00
5230MHz	Pass	-6.05	20.29	20.29	30.00	14.24	21.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	15.02	15.02	30.00	8.97	21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.91	17.91	30.00	11.86	21.00
5200MHz	Pass	-6.05	22.39	22.39	30.00	16.34	21.00
5240MHz	Pass	-6.05	23.13	23.13	30.00	17.08	21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	16.14	16.14	30.00	10.09	21.00
5230MHz	Pass	-6.05	20.57	20.57	30.00	14.52	21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	15.44	15.44	30.00	9.39	21.00

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	25.78	0.37844	19.73	0.09397
802.11ac VHT20_Nss2,(MCS0)_2TX	25.95	0.39355	19.90	0.09772
802.11ac VHT40_Nss2,(MCS0)_2TX	23.04	0.20137	16.99	0.05000
802.11ac VHT80_Nss2,(MCS0)_2TX	16.46	0.04426	10.41	0.01099
802.11ax HEW20_Nss2,(MCS0)_2TX	26.15	0.41210	20.10	0.10233
802.11ax HEW40_Nss2,(MCS0)_2TX	23.28	0.21281	17.23	0.05284
802.11ax HEW80_Nss2,(MCS0)_2TX	16.75	0.04732	10.70	0.01175
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.73	0.37411	33.73	2.36048
802.11ac VHT20_Nss2,(MCS0)_2TX	25.79	0.37931	33.79	2.39332
802.11ac VHT40_Nss2,(MCS0)_2TX	25.18	0.32961	33.18	2.07970
802.11ac VHT80_Nss2,(MCS0)_2TX	21.44	0.13932	29.44	0.87902
802.11ax HEW20_Nss2,(MCS0)_2TX	25.98	0.39628	33.98	2.50035
802.11ax HEW40_Nss2,(MCS0)_2TX	25.37	0.34435	33.37	2.17270
802.11ax HEW80_Nss2,(MCS0)_2TX	21.68	0.14723	29.68	0.92897



Average Power
Non Beamforming Outdoor 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	-6.05	17.38	17.47	20.44	30.00	14.39	36.00
5200MHz	Pass	-6.05	21.75	21.32	24.55	30.00	18.50	36.00
5240MHz	Pass	-6.05	22.91	22.62	25.78	30.00	19.73	36.00
5745MHz	Pass	8.00	21.60	21.77	24.70	28.00	32.70	36.00
5785MHz	Pass	8.00	22.87	22.56	25.73	28.00	33.73	36.00
5825MHz	Pass	8.00	21.91	21.75	24.84	28.00	32.84	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.75	16.69	19.73	30.00	13.68	36.00
5200MHz	Pass	-6.05	21.53	21.14	24.35	30.00	18.30	36.00
5240MHz	Pass	-6.05	23.06	22.81	25.95	30.00	19.90	36.00
5745MHz	Pass	8.00	22.10	22.12	25.12	28.00	33.12	36.00
5785MHz	Pass	8.00	21.83	21.91	24.88	28.00	32.88	36.00
5825MHz	Pass	8.00	22.83	22.72	25.79	28.00	33.79	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.26	14.74	18.02	30.00	11.97	36.00
5230MHz	Pass	-6.05	20.27	19.78	23.04	30.00	16.99	36.00
5755MHz	Pass	8.00	21.50	21.09	24.31	28.00	32.31	36.00
5795MHz	Pass	8.00	22.43	21.89	25.18	28.00	33.18	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.43	13.47	16.46	30.00	10.41	36.00
5775MHz	Pass	8.00	18.17	18.67	21.44	28.00	29.44	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.17	17.02	20.11	30.00	14.06	36.00
5200MHz	Pass	-6.05	21.86	21.38	24.64	30.00	18.59	36.00
5240MHz	Pass	-6.05	23.34	22.93	26.15	30.00	20.10	36.00
5745MHz	Pass	8.00	22.33	22.31	25.33	28.00	33.33	36.00
5785MHz	Pass	8.00	22.08	22.09	25.10	28.00	33.10	36.00
5825MHz	Pass	8.00	23.05	22.88	25.98	28.00	33.98	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.44	14.94	18.21	30.00	12.16	36.00
5230MHz	Pass	-6.05	20.61	19.91	23.28	30.00	17.23	36.00
5755MHz	Pass	8.00	21.68	21.24	24.48	28.00	32.48	36.00
5795MHz	Pass	8.00	22.56	22.16	25.37	28.00	33.37	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.75	13.72	16.75	30.00	10.70	36.00
5775MHz	Pass	8.00	18.43	18.90	21.68	28.00	29.68	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 2_Omni_2T2S Appendix C.10.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.78	0.37844	19.73	0.09397
802.11ac VHT20_Nss2,(MCS0)_2TX	25.95	0.39355	19.90	0.09772
802.11ac VHT40_Nss2,(MCS0)_2TX	23.04	0.20137	16.99	0.05000
802.11ac VHT80_Nss2,(MCS0)_2TX	16.46	0.04426	10.41	0.01099
802.11ax HEW20_Nss2,(MCS0)_2TX	26.15	0.41210	20.10	0.10233
802.11ax HEW40_Nss2,(MCS0)_2TX	23.28	0.21281	17.23	0.05284
802.11ax HEW80_Nss2,(MCS0)_2TX	16.75	0.04732	10.70	0.01175



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees
Non Beamforming Outdoor Sample 2 Radio 2 Omni 2T2S Appendix C.10.1**

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	-6.05	17.38	17.47	20.44	30.00	14.39	36.00
5200MHz	Pass	-6.05	21.75	21.32	24.55	30.00	18.50	36.00
5240MHz	Pass	-6.05	22.91	22.62	25.78	30.00	19.73	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.75	16.69	19.73	30.00	13.68	36.00
5200MHz	Pass	-6.05	21.53	21.14	24.35	30.00	18.30	36.00
5240MHz	Pass	-6.05	23.06	22.81	25.95	30.00	19.90	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.26	14.74	18.02	30.00	11.97	36.00
5230MHz	Pass	-6.05	20.27	19.78	23.04	30.00	16.99	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.43	13.47	16.46	30.00	10.41	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.17	17.02	20.11	30.00	14.06	36.00
5200MHz	Pass	-6.05	21.86	21.38	24.64	30.00	18.59	36.00
5240MHz	Pass	-6.05	23.34	22.93	26.15	30.00	20.10	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.44	14.94	18.21	30.00	12.16	36.00
5230MHz	Pass	-6.05	20.61	19.91	23.28	30.00	17.23	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.75	13.72	16.75	30.00	10.70	36.00

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



**Average Power_
Non Beamforming_Outdoor_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	23.17	0.20749	33.87	2.43781
802.11ac VHT20_Nss1,(MCS0)_1TX	22.70	0.18621	33.40	2.18776
802.11ac VHT40_Nss1,(MCS0)_1TX	21.33	0.13583	32.03	1.59588
802.11ac VHT80_Nss1,(MCS0)_1TX	16.16	0.04130	26.86	0.48529
802.11ax HEW20_Nss1,(MCS0)_1TX	23.11	0.20464	33.81	2.40436
802.11ax HEW40_Nss1,(MCS0)_1TX	21.46	0.13996	32.16	1.64437
802.11ax HEW80_Nss1,(MCS0)_1TX	16.28	0.04246	26.98	0.49888
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.93	0.19634	33.63	2.30675
802.11ac VHT20_Nss1,(MCS0)_1TX	22.69	0.18578	33.39	2.18273
802.11ac VHT40_Nss1,(MCS0)_1TX	22.61	0.18239	33.31	2.14289
802.11ac VHT80_Nss1,(MCS0)_1TX	19.91	0.09795	30.61	1.15080
802.11ax HEW20_Nss1,(MCS0)_1TX	22.87	0.19364	33.57	2.27510
802.11ax HEW40_Nss1,(MCS0)_1TX	22.76	0.18880	33.46	2.21820
802.11ax HEW80_Nss1,(MCS0)_1TX	20.08	0.10186	30.78	1.19674



Average Power
Non Beamforming Outdoor 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	Pass	10.70	18.91	18.91	25.30	29.61	36.00
5200MHz	Pass	10.70	23.17	23.17	25.30	33.87	36.00
5240MHz	Pass	10.70	23.17	23.17	25.30	33.87	36.00
5745MHz	Pass	10.70	22.54	22.54	25.30	33.24	36.00
5785MHz	Pass	10.70	22.93	22.93	25.30	33.63	36.00
5825MHz	Pass	10.70	22.32	22.32	25.30	33.02	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.72	17.72	25.30	28.42	36.00
5200MHz	Pass	10.70	22.50	22.50	25.30	33.20	36.00
5240MHz	Pass	10.70	22.70	22.70	25.30	33.40	36.00
5745MHz	Pass	10.70	22.63	22.63	25.30	33.33	36.00
5785MHz	Pass	10.70	22.10	22.10	25.30	32.80	36.00
5825MHz	Pass	10.70	22.69	22.69	25.30	33.39	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	16.51	16.51	25.30	27.21	36.00
5230MHz	Pass	10.70	21.33	21.33	25.30	32.03	36.00
5755MHz	Pass	10.70	22.61	22.61	25.30	33.31	36.00
5795MHz	Pass	10.70	22.54	22.54	25.30	33.24	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	16.16	16.16	25.30	26.86	36.00
5775MHz	Pass	10.70	19.91	19.91	25.30	30.61	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	18.17	18.17	25.30	28.87	36.00
5200MHz	Pass	10.70	22.76	22.76	25.30	33.46	36.00
5240MHz	Pass	10.70	23.11	23.11	25.30	33.81	36.00
5745MHz	Pass	10.70	22.64	22.64	25.30	33.34	36.00
5785MHz	Pass	10.70	22.33	22.33	25.30	33.03	36.00
5825MHz	Pass	10.70	22.87	22.87	25.30	33.57	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	16.61	16.61	25.30	27.31	36.00
5230MHz	Pass	10.70	21.46	21.46	25.30	32.16	36.00
5755MHz	Pass	10.70	22.71	22.71	25.30	33.41	36.00
5795MHz	Pass	10.70	22.76	22.76	25.30	33.46	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	16.28	16.28	25.30	26.98	36.00
5775MHz	Pass	10.70	20.08	20.08	25.30	30.78	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_1T1S Appendix C.11.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	12.83	0.01919	20.73	0.11830
802.11ac VHT20_Nss1,(MCS0)_1TX	12.72	0.01871	20.62	0.11535
802.11ac VHT40_Nss1,(MCS0)_1TX	12.68	0.01854	20.58	0.11429
802.11ac VHT80_Nss1,(MCS0)_1TX	12.61	0.01824	20.51	0.11246
802.11ax HEW20_Nss1,(MCS0)_1TX	13.04	0.02014	20.94	0.12417
802.11ax HEW40_Nss1,(MCS0)_1TX	12.89	0.01945	20.79	0.11995
802.11ax HEW80_Nss1,(MCS0)_1TX	12.72	0.01871	20.62	0.11535



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_1T1S Appendix C.11.1**

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	7.90	12.83	12.83	28.10	20.73	36.00
5200MHz	Pass	7.90	12.79	12.79	28.10	20.69	36.00
5240MHz	Pass	7.90	12.77	12.77	28.10	20.67	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	7.90	12.68	12.68	28.10	20.58	36.00
5200MHz	Pass	7.90	12.72	12.72	28.10	20.62	36.00
5240MHz	Pass	7.90	12.69	12.69	28.10	20.59	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	7.90	12.68	12.68	28.10	20.58	36.00
5230MHz	Pass	7.90	12.64	12.64	28.10	20.54	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	7.90	12.61	12.61	28.10	20.51	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	7.90	13.00	13.00	28.10	20.90	36.00
5200MHz	Pass	7.90	12.79	12.79	28.10	20.69	36.00
5240MHz	Pass	7.90	13.04	13.04	28.10	20.94	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	7.90	12.89	12.89	28.10	20.79	36.00
5230MHz	Pass	7.90	12.87	12.87	28.10	20.77	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	7.90	12.72	12.72	28.10	20.62	36.00

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



Average Power_
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_2T2S Appendix C.12

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.03	0.02009	23.73	0.23605
802.11ac VHT20_Nss2,(MCS0)_2TX	12.79	0.01901	23.49	0.22336
802.11ac VHT40_Nss2,(MCS0)_2TX	12.15	0.01641	22.85	0.19275
802.11ac VHT80_Nss2,(MCS0)_2TX	12.88	0.01941	23.58	0.22803
802.11ax HEW20_Nss2,(MCS0)_2TX	13.08	0.02032	23.78	0.23878
802.11ax HEW40_Nss2,(MCS0)_2TX	12.86	0.01932	23.56	0.22699
802.11ax HEW80_Nss2,(MCS0)_2TX	13.09	0.02037	23.79	0.23933
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.63	0.29040	35.33	3.41193
802.11ac VHT20_Nss2,(MCS0)_2TX	24.49	0.28119	35.19	3.30370
802.11ac VHT40_Nss2,(MCS0)_2TX	24.35	0.27227	35.05	3.19890
802.11ac VHT80_Nss2,(MCS0)_2TX	21.39	0.13772	32.09	1.61808
802.11ax HEW20_Nss2,(MCS0)_2TX	24.62	0.28973	35.32	3.40408
802.11ax HEW40_Nss2,(MCS0)_2TX	24.59	0.28774	35.29	3.38065
802.11ax HEW80_Nss2,(MCS0)_2TX	21.48	0.14060	32.18	1.65196



Average Power
Non Beamforming Outdoor Sample 2 Radio 2 Panel 1 2T2S Appendix C.12

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	10.70	10.27	9.38	12.86	25.30	23.56	36.00
5200MHz	Pass	10.70	10.24	9.59	12.94	25.30	23.64	36.00
5240MHz	Pass	10.70	10.32	9.69	13.03	25.30	23.73	36.00
5745MHz	Pass	10.70	21.33	21.90	24.63	25.30	35.33	36.00
5785MHz	Pass	10.70	20.05	20.15	23.11	25.30	33.81	36.00
5825MHz	Pass	10.70	20.46	20.98	23.74	25.30	34.44	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	9.58	9.43	12.52	25.30	23.22	36.00
5200MHz	Pass	10.70	10.05	9.5	12.79	25.30	23.49	36.00
5240MHz	Pass	10.70	10.05	9.48	12.78	25.30	23.48	36.00
5745MHz	Pass	10.70	21.20	21.75	24.49	25.30	35.19	36.00
5785MHz	Pass	10.70	21.15	21.46	24.32	25.30	35.02	36.00
5825MHz	Pass	10.70	21.03	21.42	24.24	25.30	34.94	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	9.47	8.79	12.15	25.30	22.85	36.00
5230MHz	Pass	10.70	9.38	8.85	12.13	25.30	22.83	36.00
5755MHz	Pass	10.70	21.08	21.18	24.14	25.30	34.84	36.00
5795MHz	Pass	10.70	21.29	21.39	24.35	25.30	35.05	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	10.16	9.55	12.88	25.30	23.58	36.00
5775MHz	Pass	10.70	18.41	18.35	21.39	25.30	32.09	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	10.43	9.65	13.07	25.30	23.77	36.00
5200MHz	Pass	10.70	10.38	9.74	13.08	25.30	23.78	36.00
5240MHz	Pass	10.70	10.35	9.61	13.01	25.30	23.71	36.00
5745MHz	Pass	10.70	21.38	21.83	24.62	25.30	35.32	36.00
5785MHz	Pass	10.70	21.42	21.73	24.59	25.30	35.29	36.00
5825MHz	Pass	10.70	21.34	21.74	24.55	25.30	35.25	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	10.06	9.37	12.74	25.30	23.44	36.00
5230MHz	Pass	10.70	10.13	9.56	12.86	25.30	23.56	36.00
5755MHz	Pass	10.70	21.29	21.43	24.37	25.30	35.07	36.00
5795MHz	Pass	10.70	21.53	21.63	24.59	25.30	35.29	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	10.46	9.67	13.09	25.30	23.79	36.00
5775MHz	Pass	10.70	18.50	18.43	21.48	25.30	32.18	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_2T2S Appendix C.12.1**

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.03	0.02009	20.93	0.12388
802.11ac VHT20_Nss2,(MCS0)_2TX	12.79	0.01901	20.69	0.11722
802.11ac VHT40_Nss2,(MCS0)_2TX	12.15	0.01641	20.05	0.10116
802.11ac VHT80_Nss2,(MCS0)_2TX	12.88	0.01941	20.78	0.11967
802.11ax HEW20_Nss2,(MCS0)_2TX	13.08	0.02032	20.98	0.12531
802.11ax HEW40_Nss2,(MCS0)_2TX	12.86	0.01932	20.76	0.11912
802.11ax HEW80_Nss2,(MCS0)_2TX	13.09	0.02037	20.99	0.12560



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_2T2S Appendix C.12.1**

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	7.90	10.27	9.38	12.86	28.10	20.76	36.00
5200MHz	Pass	7.90	10.24	9.59	12.94	28.10	20.84	36.00
5240MHz	Pass	7.90	10.32	9.69	13.03	28.10	20.93	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.90	9.58	9.43	12.52	28.10	20.42	36.00
5200MHz	Pass	7.90	10.05	9.50	12.79	28.10	20.69	36.00
5240MHz	Pass	7.90	10.05	9.48	12.78	28.10	20.68	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.90	9.47	8.79	12.15	28.10	20.05	36.00
5230MHz	Pass	7.90	9.38	8.85	12.13	28.10	20.03	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.90	10.16	9.55	12.88	28.10	20.78	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.90	10.43	9.65	13.07	28.10	20.97	36.00
5200MHz	Pass	7.90	10.38	9.74	13.08	28.10	20.98	36.00
5240MHz	Pass	7.90	10.35	9.61	13.01	28.10	20.91	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.90	10.06	9.37	12.74	28.10	20.64	36.00
5230MHz	Pass	7.90	10.13	9.56	12.86	28.10	20.76	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.90	10.46	9.67	13.09	28.10	20.99	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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.57	0.03606	23.53	0.22542
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	15.78	0.03784	23.74	0.23659
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.45	0.03508	23.41	0.21928
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.72	0.03733	23.68	0.23335
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.84	0.03837	23.80	0.23988
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.69	0.03707	23.65	0.23174
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.94	0.12417	28.90	0.77625
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	25.11	0.32434	33.07	2.02768
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	24.64	0.29107	32.60	1.81970
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.98	0.12531	28.94	0.78343
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.12	0.32509	33.08	2.03236
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.89	0.30832	32.85	1.92752



**Average Power
Beamforming Outdoor_Sample 1_Radio 1_2T1S**

Appendix C.13

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.96	12.62	12.08	15.37	28.04	23.33	36.00
5200MHz_TnomVnom	Pass	7.96	12.30	11.76	15.05	28.04	23.01	36.00
5240MHz_TnomVnom	Pass	7.96	12.64	12.48	15.57	28.04	23.53	36.00
5745MHz_TnomVnom	Pass	7.96	17.87	17.99	20.94	28.04	28.90	36.00
5785MHz_TnomVnom	Pass	7.96	15.17	15.11	18.15	28.04	26.11	36.00
5825MHz_TnomVnom	Pass	7.96	12.50	11.84	15.19	28.04	23.15	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.96	12.91	12.62	15.78	28.04	23.74	36.00
5230MHz_TnomVnom	Pass	7.96	12.69	12.45	15.58	28.04	23.54	36.00
5755MHz_TnomVnom	Pass	7.96	22.31	21.87	25.11	28.04	33.07	36.00
5795MHz_TnomVnom	Pass	7.96	21.40	21.47	24.45	28.04	32.41	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.96	12.14	12.72	15.45	28.04	23.41	36.00
5775MHz_TnomVnom	Pass	7.96	21.70	21.55	24.64	28.04	32.60	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.96	12.66	12.40	15.54	28.04	23.50	36.00
5200MHz_TnomVnom	Pass	7.96	12.49	12.64	15.58	28.04	23.54	36.00
5240MHz_TnomVnom	Pass	7.96	12.79	12.62	15.72	28.04	23.68	36.00
5745MHz_TnomVnom	Pass	7.96	18.12	17.82	20.98	28.04	28.94	36.00
5785MHz_TnomVnom	Pass	7.96	15.28	15.08	18.19	28.04	26.15	36.00
5825MHz_TnomVnom	Pass	7.96	12.64	12.19	15.43	28.04	23.39	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.96	13.06	12.58	15.84	28.04	23.80	36.00
5230MHz_TnomVnom	Pass	7.96	12.89	12.36	15.64	28.04	23.60	36.00
5755MHz_TnomVnom	Pass	7.96	22.36	21.84	25.12	28.04	33.08	36.00
5795MHz_TnomVnom	Pass	7.96	21.52	21.41	24.48	28.04	32.44	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.96	12.58	12.77	15.69	28.04	23.65	36.00
5775MHz_TnomVnom	Pass	7.96	21.70	22.05	24.89	28.04	32.85	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 1_Radio 1_2T1S**

Appendix C.13.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.57	0.03606	20.66	0.11641
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	15.78	0.03784	20.87	0.12218
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.45	0.03508	20.54	0.11324
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.72	0.03733	20.81	0.12050
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.84	0.03837	20.93	0.12388
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.69	0.03707	20.78	0.11967



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor_Sample 1_Radio 1_2T1S**

Appendix C.13.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.09	12.62	12.08	15.37	24.99	20.46	36.00
5200MHz	Pass	5.09	12.3	11.76	15.05	24.99	20.14	36.00
5240MHz	Pass	5.09	12.64	12.48	15.57	24.99	20.66	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.09	12.91	12.62	15.78	24.99	20.87	36.00
5230MHz	Pass	5.09	12.69	12.45	15.58	24.99	20.67	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.09	12.14	12.72	15.45	24.99	20.54	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.09	12.66	12.4	15.54	24.99	20.63	36.00
5200MHz	Pass	5.09	12.49	12.64	15.58	24.99	20.67	36.00
5240MHz	Pass	5.09	12.79	12.62	15.72	24.99	20.81	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.09	13.06	12.58	15.84	24.99	20.93	36.00
5230MHz	Pass	5.09	12.89	12.36	15.64	24.99	20.73	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.09	12.58	12.77	15.69	24.99	20.78	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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.70	0.03715	23.73	0.23605
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	15.76	0.03767	23.79	0.23933
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.52	0.03565	23.55	0.22646
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.88	0.03873	23.91	0.24604
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.85	0.03846	23.88	0.24434
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.79	0.03793	23.82	0.24099
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.32	0.27040	32.35	1.71791
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	25.02	0.31769	33.05	2.01837
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.52	0.22491	31.55	1.42889
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.57	0.28642	32.60	1.81970
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.13	0.32584	33.16	2.07014
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.55	0.22646	31.58	1.43880



**Average Power
Beamforming Outdoor_Sample 1_Radio 2_2T1S**

Appendix C.14

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	13.08	12.26	15.70	27.97	23.73	36.00
5200MHz	Pass	8.03	13.12	12.08	15.64	27.97	23.67	36.00
5240MHz	Pass	8.03	12.80	12.37	15.60	27.97	23.63	36.00
5745MHz	Pass	8.03	21.05	21.41	24.24	27.97	32.27	36.00
5785MHz	Pass	8.03	21.13	21.48	24.32	27.97	32.35	36.00
5825MHz	Pass	8.03	20.43	21.19	23.84	27.97	31.87	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	12.75	12.48	15.63	27.97	23.66	36.00
5230MHz	Pass	8.03	12.79	12.71	15.76	27.97	23.79	36.00
5755MHz	Pass	8.03	21.94	22.08	25.02	27.97	33.05	36.00
5795MHz	Pass	8.03	21.87	21.99	24.94	27.97	32.97	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	12.58	12.44	15.52	27.97	23.55	36.00
5775MHz	Pass	8.03	20.24	20.77	23.52	27.97	31.55	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	13.24	12.46	15.88	27.97	23.91	36.00
5200MHz	Pass	8.03	12.98	12.34	15.68	27.97	23.71	36.00
5240MHz	Pass	8.03	12.84	12.53	15.70	27.97	23.73	36.00
5745MHz	Pass	8.03	21.39	21.72	24.57	27.97	32.60	36.00
5785MHz	Pass	8.03	21.29	21.81	24.57	27.97	32.60	36.00
5825MHz	Pass	8.03	20.69	21.28	24.01	27.97	32.04	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	13.09	12.57	15.85	27.97	23.88	36.00
5230MHz	Pass	8.03	12.95	12.58	15.78	27.97	23.81	36.00
5755MHz	Pass	8.03	22.05	22.03	25.05	27.97	33.08	36.00
5795MHz	Pass	8.03	22.01	22.23	25.13	27.97	33.16	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	13.11	12.43	15.79	27.97	23.82	36.00
5775MHz	Pass	8.03	20.32	20.74	23.55	27.97	31.58	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 1_Radio 2_2T1S**

Appendix C.14.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	15.70	0.03715	20.8	0.12023
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	15.76	0.03767	20.86	0.12190
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.52	0.03565	20.62	0.11535
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.88	0.03873	20.98	0.12531
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	15.85	0.03846	20.95	0.12445
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.79	0.03793	20.89	0.12274



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor_Sample 1_Radio 2_2T1S**

Appendix C.14.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.1	13.08	12.26	15.7	24.99	20.8	36.00
5200MHz_TnomVnom	Pass	5.1	13.12	12.08	15.64	24.99	20.74	36.00
5240MHz_TnomVnom	Pass	5.1	12.8	12.37	15.6	24.99	20.7	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.1	12.75	12.48	15.63	24.99	20.73	36.00
5230MHz_TnomVnom	Pass	5.1	12.79	12.71	15.76	24.99	20.86	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.1	12.58	12.44	15.52	24.99	20.62	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.1	13.24	12.46	15.88	24.99	20.98	36.00
5200MHz_TnomVnom	Pass	5.1	12.98	12.34	15.68	24.99	20.78	36.00
5240MHz_TnomVnom	Pass	5.1	12.84	12.53	15.7	24.99	20.8	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.1	13.09	12.57	15.85	24.99	20.95	36.00
5230MHz_TnomVnom	Pass	5.1	12.95	12.58	15.78	24.99	20.88	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.1	13.11	12.43	15.79	24.99	20.89	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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.00	0.25119	35.01	3.16957
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.98	0.15776	32.99	1.99067
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.58	0.04550	27.59	0.57412
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.30	0.26915	35.31	3.39625
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.01	0.15885	33.02	2.00447
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.63	0.04603	27.64	0.58076
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.27	0.26730	35.28	3.37287
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.88	0.24434	34.89	3.08319
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.62	0.09162	30.63	1.15611
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.45	0.27861	35.46	3.51560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.20	0.26303	35.21	3.31894
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.85	0.09661	30.86	1.21899



**Average Power
Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

Appendix C.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	16.48	16.54	19.52	24.99	30.53	36.00
5200MHz	Pass	11.01	20.44	20.71	23.59	24.99	34.60	36.00
5240MHz	Pass	11.01	20.88	21.10	24.00	24.99	35.01	36.00
5745MHz	Pass	11.01	21.07	21.44	24.27	24.99	35.28	36.00
5785MHz	Pass	11.01	21.01	21.44	24.24	24.99	35.25	36.00
5825MHz	Pass	11.01	13.65	14.22	16.95	24.99	27.96	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	13.36	12.65	16.03	24.99	27.04	36.00
5230MHz	Pass	11.01	18.96	18.97	21.98	24.99	32.99	36.00
5755MHz	Pass	11.01	19.72	19.87	22.81	24.99	33.82	36.00
5795MHz	Pass	11.01	20.99	20.74	23.88	24.99	34.89	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	13.56	13.57	16.58	24.99	27.59	36.00
5775MHz	Pass	11.01	16.53	16.69	19.62	24.99	30.63	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	16.44	16.84	19.65	24.99	30.66	36.00
5200MHz	Pass	11.01	20.60	20.72	23.67	24.99	34.68	36.00
5240MHz	Pass	11.01	21.37	21.21	24.30	24.99	35.31	36.00
5745MHz	Pass	11.01	21.40	21.48	24.45	24.99	35.46	36.00
5785MHz	Pass	11.01	21.07	21.64	24.37	24.99	35.38	36.00
5825MHz	Pass	11.01	13.65	14.41	17.06	24.99	28.07	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	13.58	13.13	16.37	24.99	27.38	36.00
5230MHz	Pass	11.01	19.00	18.99	22.01	24.99	33.02	36.00
5755MHz	Pass	11.01	20.09	20.20	23.16	24.99	34.17	36.00
5795MHz	Pass	11.01	21.07	21.30	24.20	24.99	35.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	13.64	13.60	16.63	24.99	27.64	36.00
5775MHz	Pass	11.01	16.42	17.23	19.85	24.99	30.86	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

Appendix C.15.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.00	0.25119	17.95	0.06237
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.98	0.15776	15.93	0.03917
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.58	0.04550	10.53	0.01130
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.30	0.26915	18.25	0.06683
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.01	0.15885	15.96	0.03945
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.63	0.04603	10.58	0.01143



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 1 Omni 2T1S**

Appendix C.15.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.48	16.54	19.52	24.99	13.47	36
5200MHz	Pass	-6.05	20.44	20.71	23.59	24.99	17.54	36
5240MHz	Pass	-6.05	20.88	21.1	24	24.99	17.95	36
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	13.36	12.65	16.03	24.99	9.98	36
5230MHz	Pass	-6.05	18.96	18.97	21.98	24.99	15.93	36
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.56	13.57	16.58	24.99	10.53	36
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.44	16.84	19.65	24.99	13.6	36
5200MHz	Pass	-6.05	20.6	20.72	23.67	24.99	17.62	36
5240MHz	Pass	-6.05	21.37	21.21	24.3	24.99	18.25	36
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	13.58	13.13	16.37	24.99	10.32	36
5230MHz	Pass	-6.05	19	18.99	22.01	24.99	15.96	36
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.64	13.6	16.63	24.99	10.58	36

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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.18	0.01652	25.89	0.38815
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	12.43	0.01750	26.14	0.41115
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	12.12	0.01629	25.83	0.38282
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.92	0.01959	26.63	0.46026
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.87	0.01936	26.58	0.45499
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	12.56	0.01803	26.27	0.42364
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.70	0.14791	35.41	3.47536
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.20	0.13183	34.91	3.09742
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.23	0.08375	32.94	1.96789
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.77	0.15031	35.48	3.53183
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.62	0.09162	33.33	2.15278



**Average Power
Beamforming Outdoor Sample 2 Radio 1 Panel 1_2T1S**

Appendix C.16

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	9.17	9.13	12.16	22.29	25.87	36.00
5200MHz	Pass	13.71	9.11	9.23	12.18	22.29	25.89	36.00
5240MHz	Pass	13.71	8.86	9.13	12.01	22.29	25.72	36.00
5745MHz	Pass	13.71	18.81	18.56	21.70	22.29	35.41	36.00
5785MHz	Pass	13.71	13.58	13.30	16.45	22.29	30.16	36.00
5825MHz	Pass	13.71	10.93	10.62	13.79	22.29	27.50	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	9.17	9.65	12.43	22.29	26.14	36.00
5230MHz	Pass	13.71	9.16	9.25	12.22	22.29	25.93	36.00
5755MHz	Pass	13.71	18.13	18.25	21.20	22.29	34.91	36.00
5795MHz	Pass	13.71	14.92	15.60	18.28	22.29	31.99	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	9.41	8.79	12.12	22.29	25.83	36.00
5775MHz	Pass	13.71	16.00	16.43	19.23	22.29	32.94	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	9.76	9.70	12.74	22.29	26.45	36.00
5200MHz	Pass	13.71	9.87	9.79	12.84	22.29	26.55	36.00
5240MHz	Pass	13.71	9.92	9.89	12.92	22.29	26.63	36.00
5745MHz	Pass	13.71	18.66	18.86	21.77	22.29	35.48	36.00
5785MHz	Pass	13.71	13.59	13.58	16.60	22.29	30.31	36.00
5825MHz	Pass	13.71	11.10	10.77	13.95	22.29	27.66	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	9.75	9.96	12.87	22.29	26.58	36.00
5230MHz	Pass	13.71	9.65	9.71	12.69	22.29	26.40	36.00
5755MHz	Pass	13.71	18.78	18.39	21.60	22.29	35.31	36.00
5795MHz	Pass	13.71	15.51	15.06	18.30	22.29	32.01	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	10.09	8.94	12.56	22.29	26.27	36.00
5775MHz	Pass	13.71	16.69	16.53	19.62	22.29	33.33	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 1_Panel 1_2T1S**

Appendix C.16.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.18	0.01652	20.08	0.10186
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	12.43	0.01750	20.33	0.10789
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	12.12	0.01629	20.02	0.10046
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.92	0.01959	20.82	0.12078
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.87	0.01936	20.77	0.11940
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	12.56	0.01803	20.46	0.11117



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 1_Panel 1_2T1S**

Appendix C.16.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.90	9.17	9.13	12.16	28.10	20.06	36.00
5200MHz	Pass	7.90	9.11	9.23	12.18	28.10	20.08	36.00
5240MHz	Pass	7.90	8.86	9.13	12.01	28.10	19.91	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.90	9.17	9.65	12.43	28.10	20.33	36.00
5230MHz	Pass	7.90	9.16	9.25	12.22	28.10	20.12	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.90	9.41	8.79	12.12	28.10	20.02	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.90	9.76	9.70	12.74	28.10	20.64	36.00
5200MHz	Pass	7.90	9.87	9.79	12.84	28.10	20.74	36.00
5240MHz	Pass	7.90	9.92	9.89	12.92	28.10	20.82	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.90	9.75	9.96	12.87	28.10	20.77	36.00
5230MHz	Pass	7.90	9.65	9.71	12.69	28.10	20.59	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.90	10.09	8.94	12.56	28.10	20.46	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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.64	0.00920	20.65	0.11614
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.64	0.00920	20.65	0.11614
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	9.36	0.00863	20.37	0.10889
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.97	0.00993	20.98	0.12531
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.92	0.00982	20.93	0.12388
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.84	0.00964	20.85	0.12162
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.40	0.27542	35.41	3.47536
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.16	0.26062	35.17	3.28852
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.64	0.11588	31.65	1.46218
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.48	0.28054	35.49	3.53997
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.20	0.26303	35.21	3.31894
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.65	0.11614	31.66	1.46555



**Average Power
Beamforming Outdoor_Sample 2_Radio 2_Omni_2T1S**

Appendix C.17

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	6.54	6.64	9.60	24.99	20.61	36.00
5200MHz	Pass	11.01	6.30	6.60	9.46	24.99	20.47	36.00
5240MHz	Pass	11.01	6.68	6.58	9.64	24.99	20.65	36.00
5745MHz	Pass	11.01	19.53	19.84	22.70	24.99	33.71	36.00
5785MHz	Pass	11.01	21.14	21.54	24.35	24.99	35.36	36.00
5825MHz	Pass	11.01	21.24	21.54	24.40	24.99	35.41	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	6.68	6.57	9.64	24.99	20.65	36.00
5230MHz	Pass	11.01	6.86	6.26	9.58	24.99	20.59	36.00
5755MHz	Pass	11.01	20.81	20.59	23.71	24.99	34.72	36.00
5795MHz	Pass	11.01	21.08	21.22	24.16	24.99	35.17	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	6.55	6.15	9.36	24.99	20.37	36.00
5775MHz	Pass	11.01	17.03	18.16	20.64	24.99	31.65	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	6.84	6.76	9.81	24.99	20.82	36.00
5200MHz	Pass	11.01	6.65	6.83	9.75	24.99	20.76	36.00
5240MHz	Pass	11.01	6.85	7.06	9.97	24.99	20.98	36.00
5745MHz	Pass	11.01	19.84	20.30	23.09	24.99	34.10	36.00
5785MHz	Pass	11.01	21.10	21.68	24.41	24.99	35.42	36.00
5825MHz	Pass	11.01	21.06	21.84	24.48	24.99	35.49	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	7.18	6.63	9.92	24.99	20.93	36.00
5230MHz	Pass	11.01	6.93	6.64	9.80	24.99	20.81	36.00
5755MHz	Pass	11.01	20.70	20.89	23.81	24.99	34.82	36.00
5795MHz	Pass	11.01	21.25	21.12	24.20	24.99	35.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	6.85	6.81	9.84	24.99	20.85	36.00
5775MHz	Pass	11.01	17.25	18.00	20.65	24.99	31.66	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 2 Omni 2T1S**

Appendix C.17.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.64	0.00920	3.59	0.00229
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.64	0.00920	3.59	0.00229
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	9.36	0.00863	3.31	0.00214
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.97	0.00993	3.92	0.00247
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.92	0.00982	3.87	0.00244
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.84	0.00964	3.79	0.00239



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 2 Omni 2T1S**

Appendix C.17.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	6.54	6.64	9.60	24.99	3.55	36.00
5200MHz	Pass	-6.05	6.30	6.60	9.46	24.99	3.41	36.00
5240MHz	Pass	-6.05	6.68	6.58	9.64	24.99	3.59	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	6.68	6.57	9.64	24.99	3.59	36.00
5230MHz	Pass	-6.05	6.86	6.26	9.58	24.99	3.53	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	6.55	6.15	9.36	24.99	3.31	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	6.84	6.76	9.81	24.99	3.76	36.00
5200MHz	Pass	-6.05	6.65	6.83	9.75	24.99	3.7	36.00
5240MHz	Pass	-6.05	6.85	7.06	9.97	24.99	3.92	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	7.18	6.63	9.92	24.99	3.87	36.00
5230MHz	Pass	-6.05	6.93	6.64	9.80	24.99	3.75	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	6.85	6.81	9.84	24.99	3.79	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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.48	0.01770	26.19	0.41591
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	12.14	0.01637	25.85	0.38459
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	11.86	0.01535	25.57	0.36058
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.92	0.01959	26.63	0.46026
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.83	0.01919	26.54	0.45082
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	12.52	0.01786	26.23	0.41976
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.06	0.12764	34.77	2.99916
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.64	0.14588	35.35	3.42768
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.22	0.08356	32.93	1.96336
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.74	0.14928	35.45	3.50752
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.75	0.14962	35.46	3.51560
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.70	0.09333	33.41	2.19280



**Average Power
Beamforming Outdoor Sample 2 Radio 2 Panel 1_2T1S**

Appendix C.18

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	8.73	9.28	12.02	22.29	25.73	36.00
5200MHz	Pass	13.71	9.30	9.63	12.48	22.29	26.19	36.00
5240MHz	Pass	13.71	9.14	9.32	12.24	22.29	25.95	36.00
5745MHz	Pass	13.71	17.84	18.21	21.04	22.29	34.75	36.00
5785MHz	Pass	13.71	17.94	18.15	21.06	22.29	34.77	36.00
5825MHz	Pass	13.71	17.30	17.47	20.40	22.29	34.11	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	8.90	9.22	12.07	22.29	25.78	36.00
5230MHz	Pass	13.71	8.99	9.26	12.14	22.29	25.85	36.00
5755MHz	Pass	13.71	18.25	18.04	21.16	22.29	34.87	36.00
5795MHz	Pass	13.71	18.53	18.72	21.64	22.29	35.35	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	8.73	8.96	11.86	22.29	25.57	36.00
5775MHz	Pass	13.71	16.18	16.23	19.22	22.29	32.93	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	9.51	9.99	12.77	22.29	26.48	36.00
5200MHz	Pass	13.71	9.10	10.59	12.92	22.29	26.63	36.00
5240MHz	Pass	13.71	9.63	9.87	12.76	22.29	26.47	36.00
5745MHz	Pass	13.71	18.39	18.75	21.58	22.29	35.29	36.00
5785MHz	Pass	13.71	18.57	18.88	21.74	22.29	35.45	36.00
5825MHz	Pass	13.71	18.52	18.68	21.61	22.29	35.32	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	9.43	10.18	12.83	22.29	26.54	36.00
5230MHz	Pass	13.71	9.80	9.22	12.53	22.29	26.24	36.00
5755MHz	Pass	13.71	18.79	18.66	21.74	22.29	35.45	36.00
5795MHz	Pass	13.71	18.77	18.70	21.75	22.29	35.46	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	9.49	9.53	12.52	22.29	26.23	36.00
5775MHz	Pass	13.71	16.83	16.55	19.70	22.29	33.41	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees_
Beamforming Outdoor Sample 2 Radio 2 Panel 1_2T1S**

Appendix C.18.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.48	0.01770	20.38	0.10914
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	12.14	0.01637	20.04	0.10093
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	11.86	0.01535	19.76	0.09462
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.92	0.01959	20.82	0.12078
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.83	0.01919	20.73	0.11830
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	12.52	0.01786	20.42	0.11015