

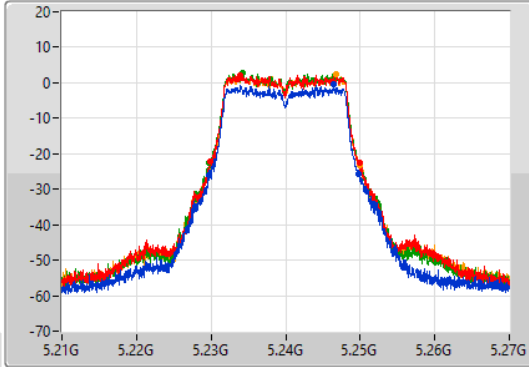
802.11a_Nss1,(6Mbps)_4TX

EBW

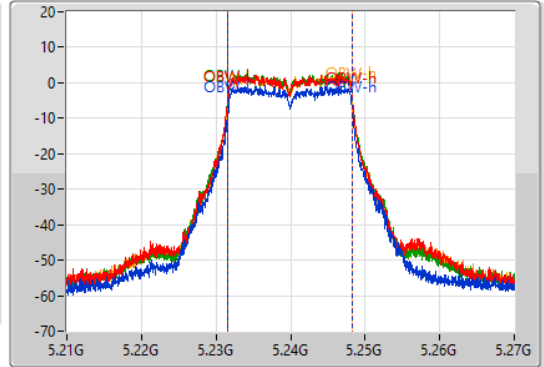
5240MHz

07/09/2022

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



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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.19M	5.22965G	5.24984G	16.66M	5.231589G	5.248249G	Inf	1
20.19M	5.22983G	5.25002G	16.648M	5.231597G	5.248244G	Inf	2
20.1M	5.2298G	5.2499G	16.667M	5.231597G	5.248264G	Inf	3
20.13M	5.2298G	5.24993G	16.634M	5.231611G	5.248245G	Inf	4

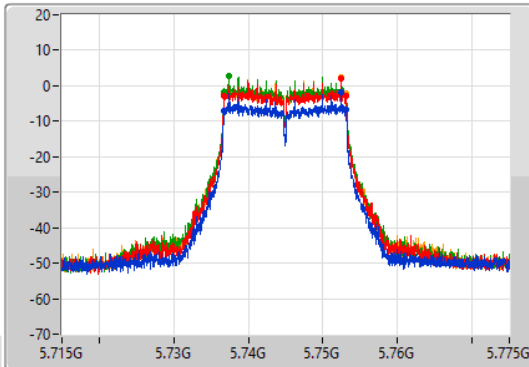
802.11a_Nss1,(6Mbps)_4TX

EBW

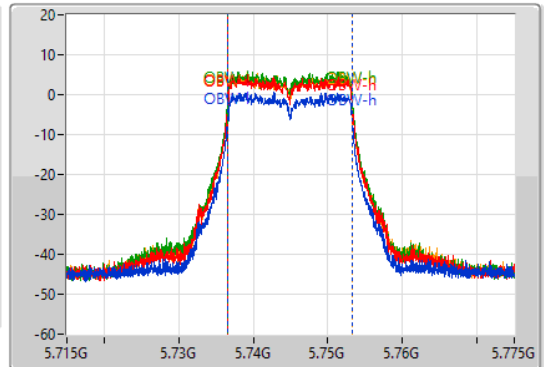
5745MHz

24/08/2022

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



CF
5.745GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73678G	5.7531G	16.702M	5.736544G	5.753246G	500k	1
16.32M	5.73678G	5.7531G	16.642M	5.736604G	5.753246G	500k	2
16.35M	5.73678G	5.75313G	16.642M	5.736604G	5.753246G	500k	3
16.32M	5.73678G	5.7531G	16.642M	5.736604G	5.753246G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

24/08/2022

CF
5.745GHz

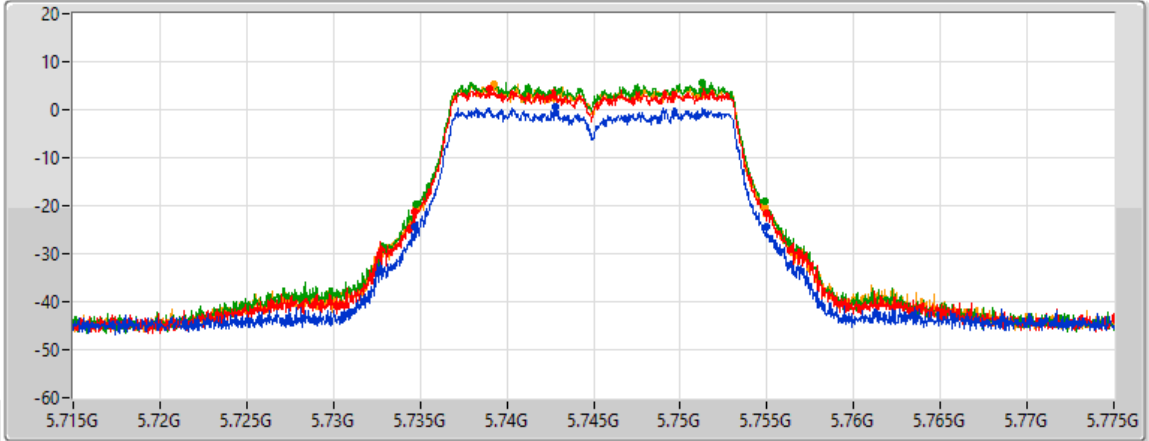
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.31M	5.73465G	5.75496G	Inf	1
20.28M	5.73468G	5.75496G	Inf	2
20.1M	5.73477G	5.75487G	Inf	3
20.1M	5.73477G	5.75487G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

24/08/2022

CF
5.785GHz

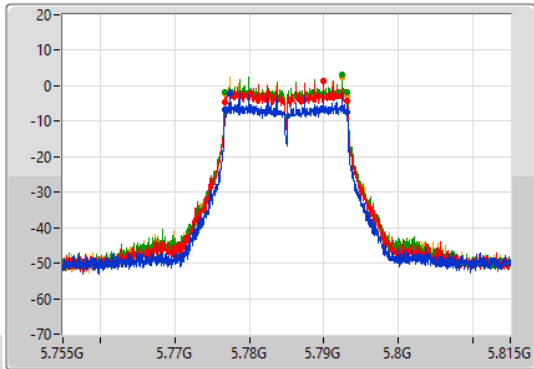
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



CF
5.785GHz

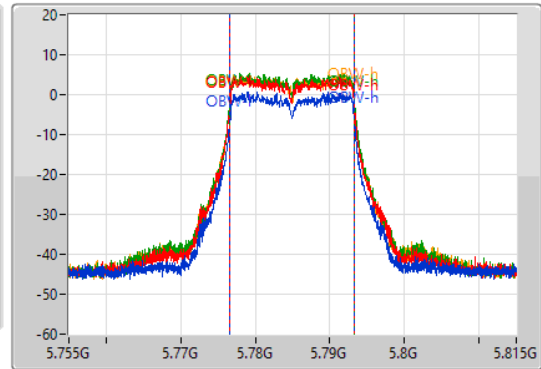
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77678G	5.79313G	16.672M	5.776574G	5.793246G	500k	1
16.38M	5.77675G	5.79313G	16.672M	5.776574G	5.793246G	500k	2
16.32M	5.77678G	5.7931G	16.672M	5.776604G	5.793276G	500k	3
16.32M	5.77678G	5.7931G	16.612M	5.776604G	5.793216G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

24/08/2022

CF
5.785GHz

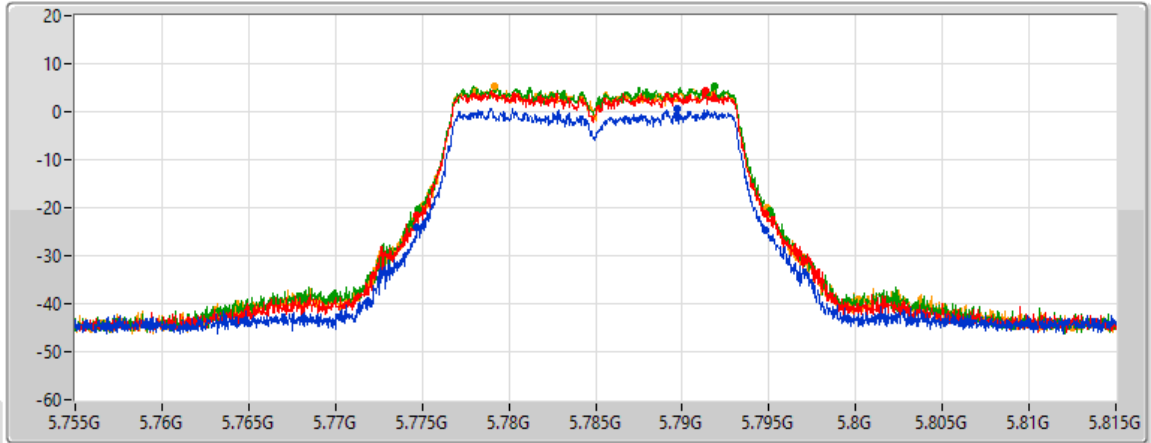
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.16M	5.77468G	5.79484G	Inf	1
20.19M	5.77465G	5.79484G	Inf	2
20.31M	5.77477G	5.79508G	Inf	3
20.1M	5.77477G	5.79487G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

24/08/2022

CF
5.825GHz

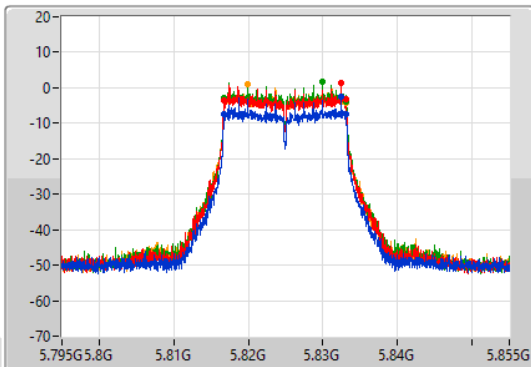
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	16.672M	5.816574G	5.833246G	500k	1
16.32M	5.81678G	5.8331G	16.672M	5.816574G	5.833246G	500k	2
16.35M	5.81678G	5.83313G	16.642M	5.816604G	5.833246G	500k	3
16.35M	5.81678G	5.83313G	16.642M	5.816604G	5.833246G	500k	4

CF
5.825GHz

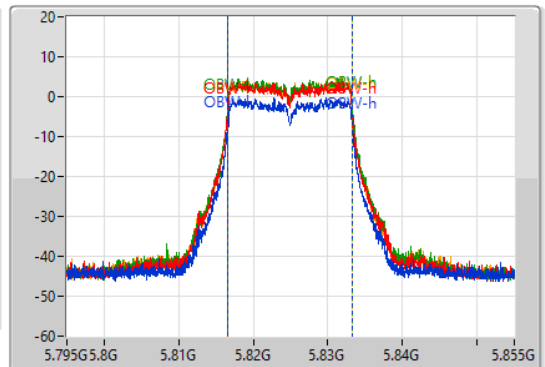
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

24/08/2022

CF
5.825GHz

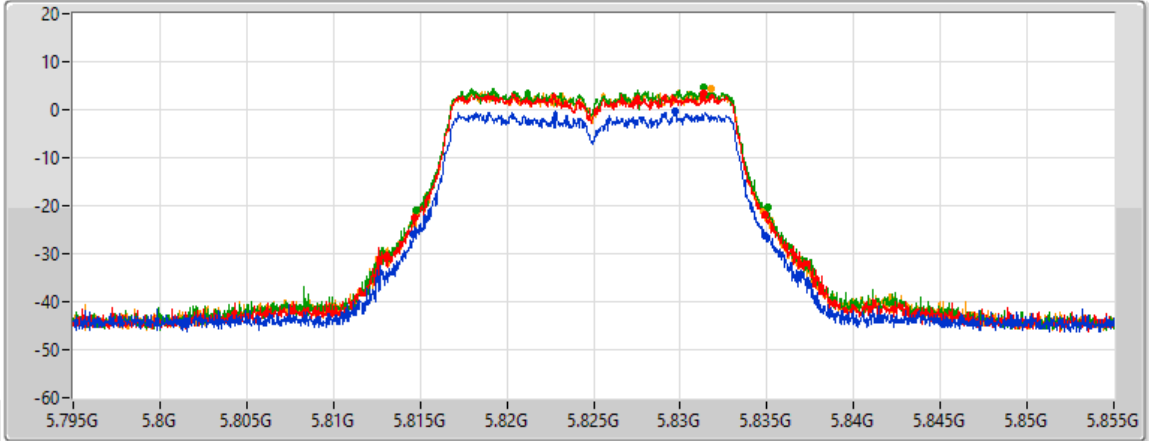
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.31M	5.81459G	5.8349G	Inf	1
20.25M	5.81465G	5.8349G	Inf	2
20.28M	5.8148G	5.83508G	Inf	3
20.04M	5.8148G	5.83484G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

24/08/2022

CF
5.18GHz

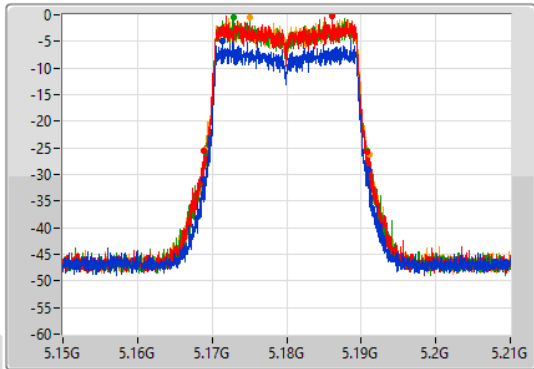
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	5.16893G	5.19101G	19.16M	5.170375G	5.189535G	Inf	1
21.87M	5.16887G	5.19074G	19.1M	5.170405G	5.189505G	Inf	2
21.72M	5.16905G	5.19077G	19.13M	5.170375G	5.189505G	Inf	3
22.02M	5.16911G	5.19113G	19.1M	5.170405G	5.189505G	Inf	4

CF
5.18GHz

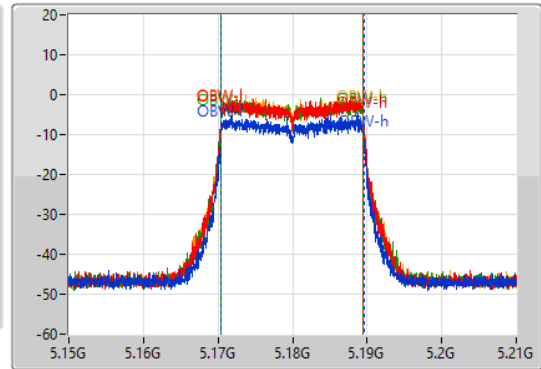
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

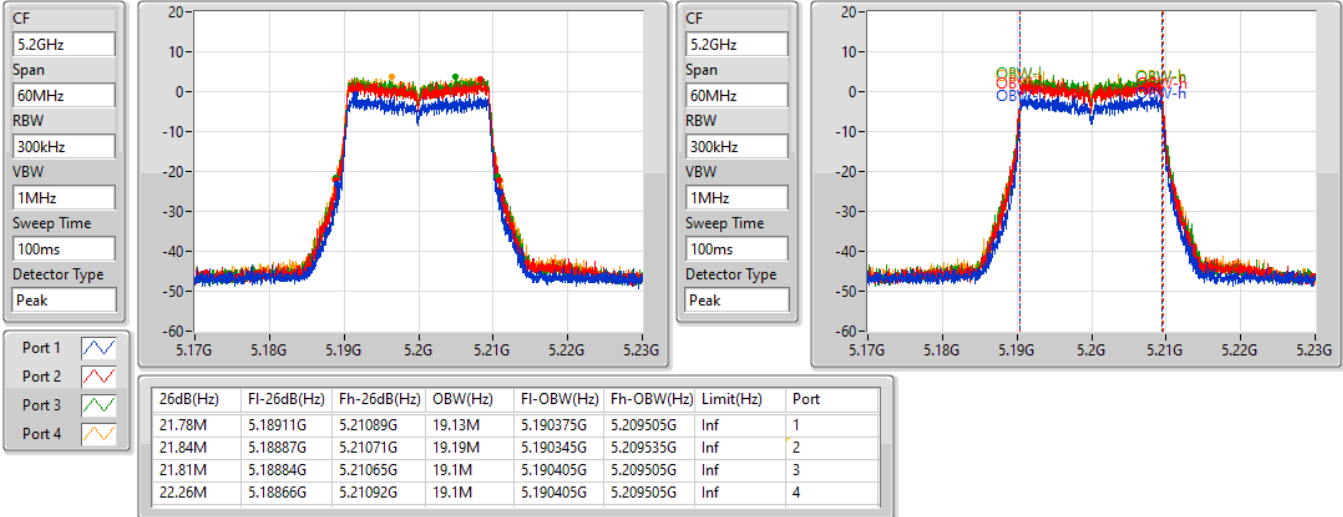


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

24/08/2022

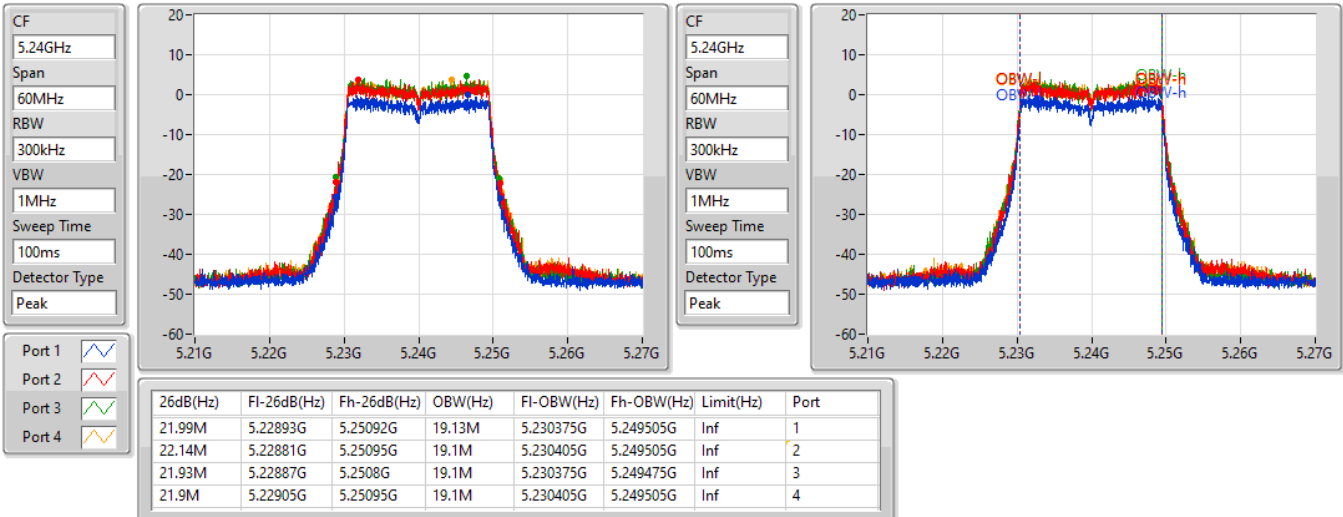


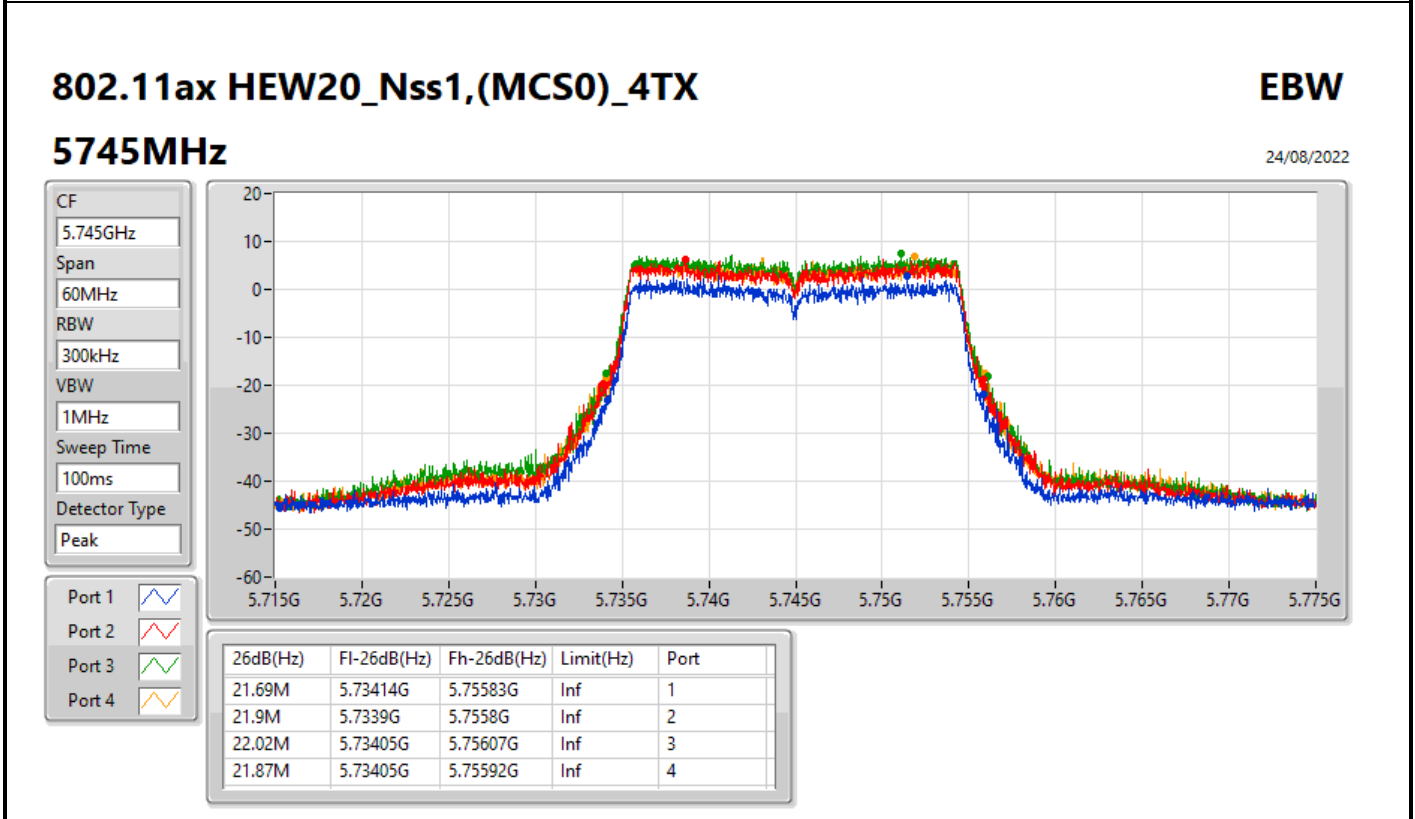
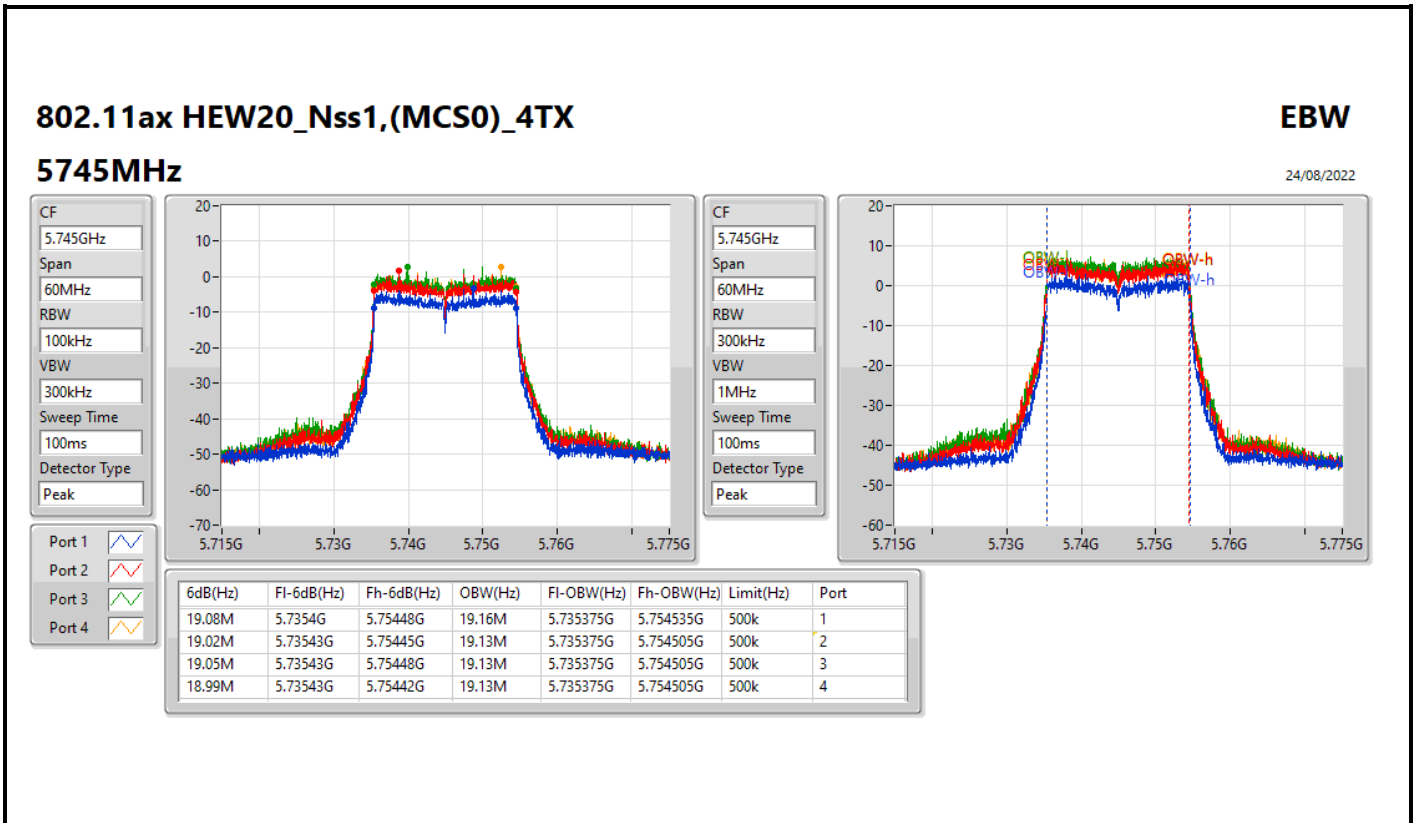
802.11ax HEW20_Nss1,(MCS0)_4TX

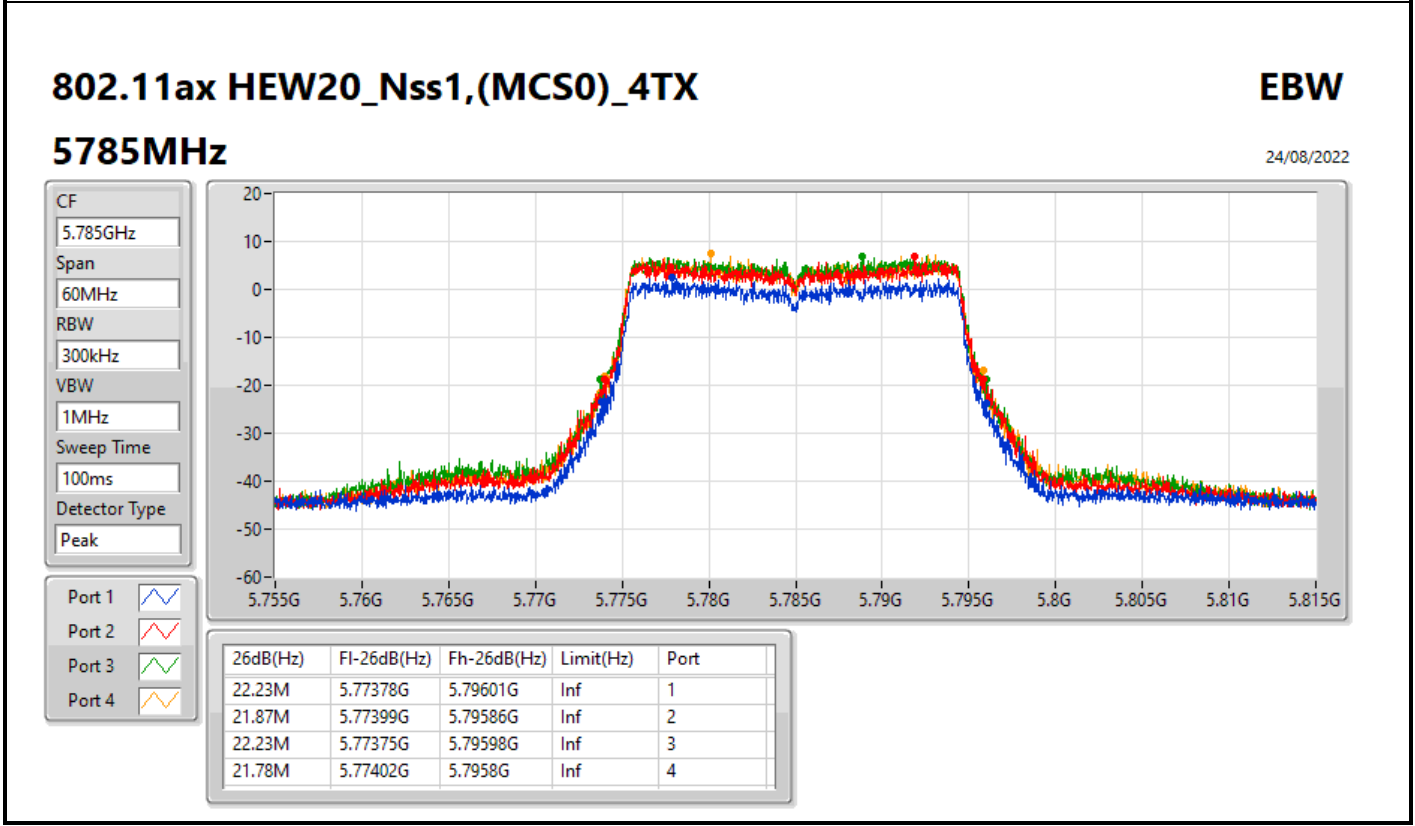
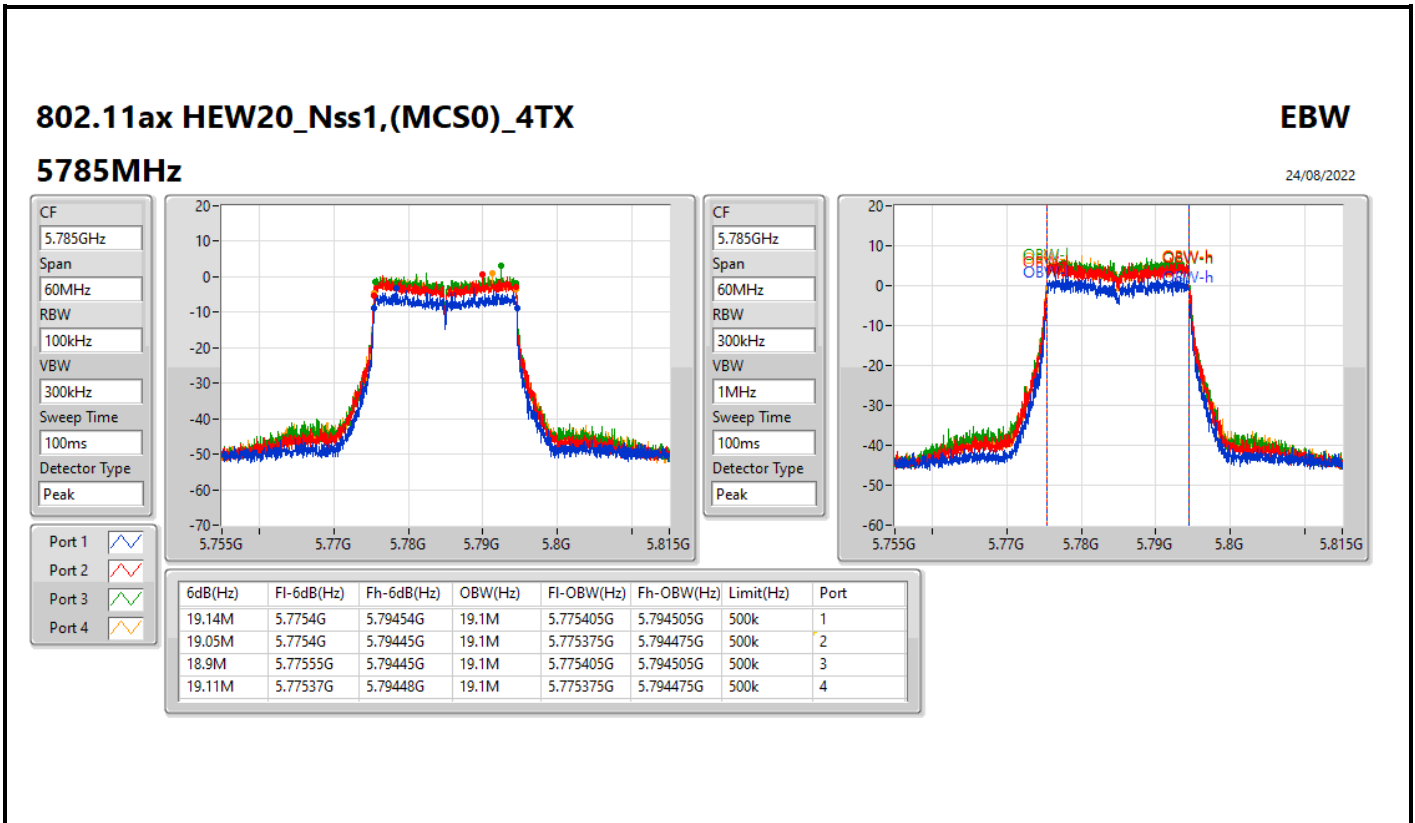
EBW

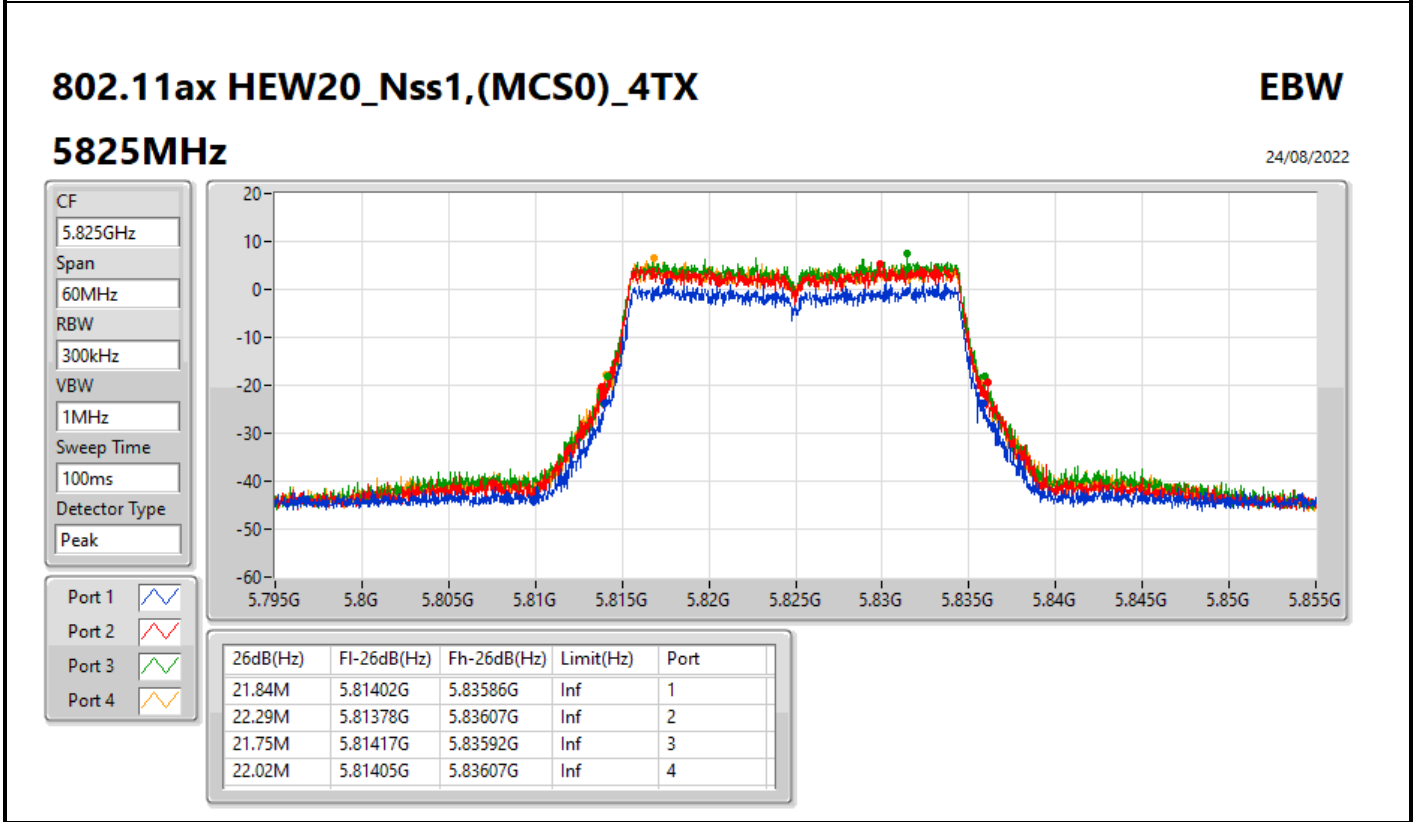
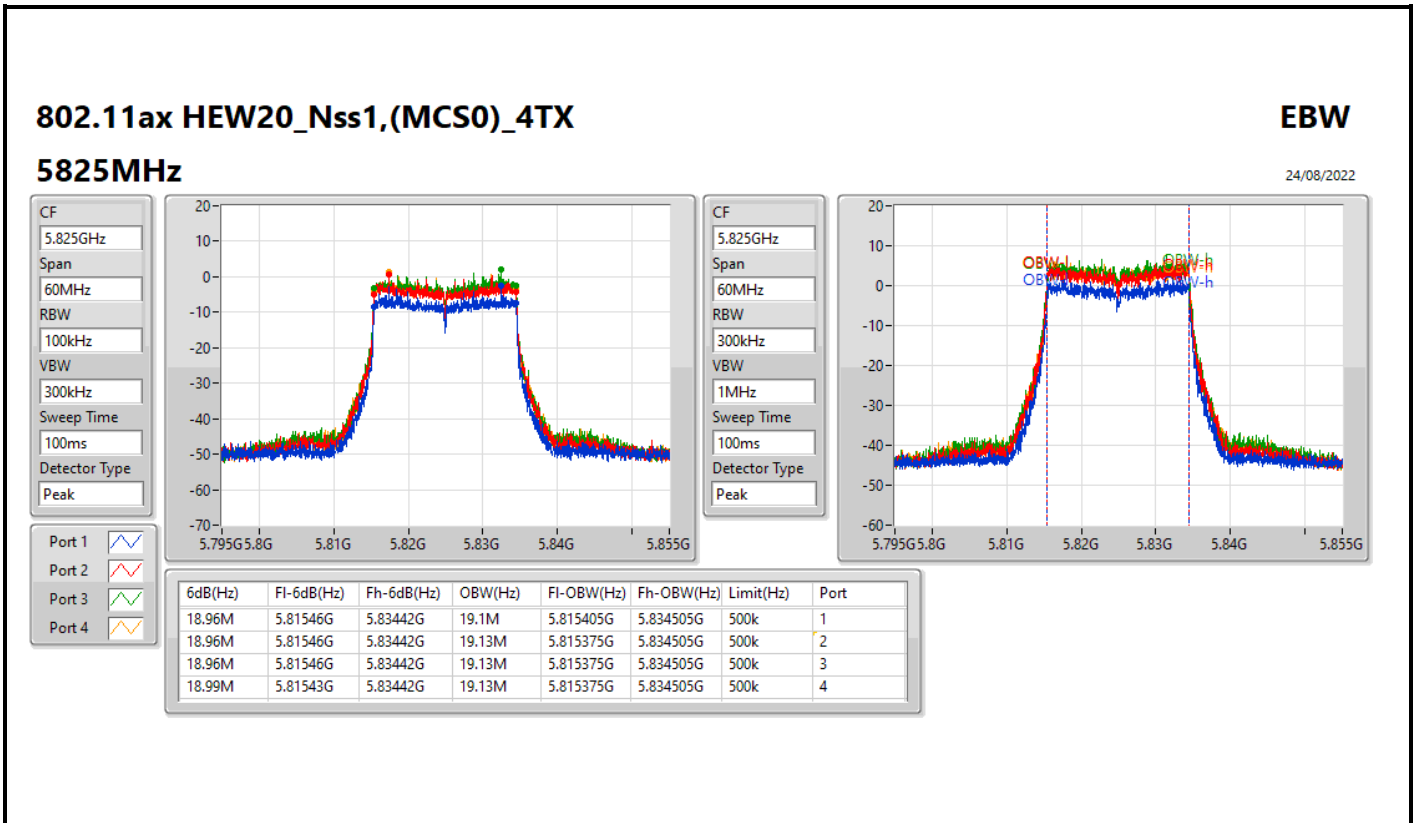
5240MHz

24/08/2022









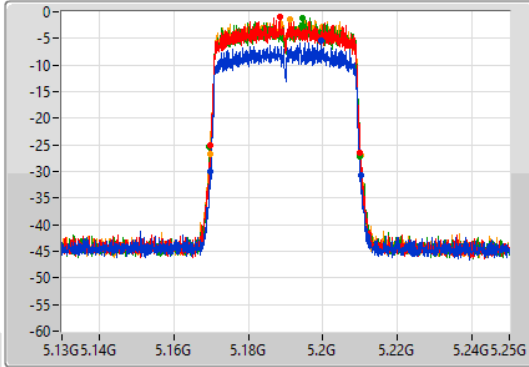
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

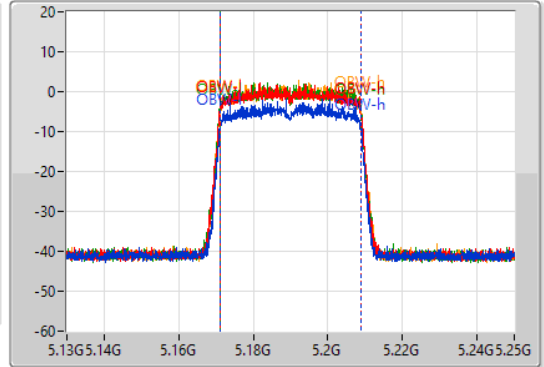
5190MHz

24/08/2022

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



CF
5.19GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.16978G	5.21016G	37.781M	5.171049G	5.208831G	Inf	1
40.14M	5.1699G	5.21004G	37.841M	5.171049G	5.208891G	Inf	2
40.5M	5.16954G	5.21004G	37.841M	5.17099G	5.208831G	Inf	3
40.5M	5.16966G	5.21016G	37.901M	5.17099G	5.208891G	Inf	4

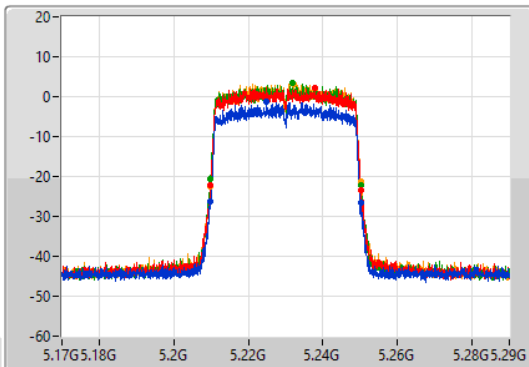
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

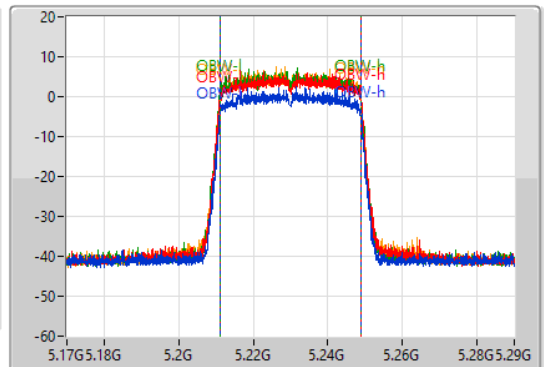
5230MHz

24/08/2022

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

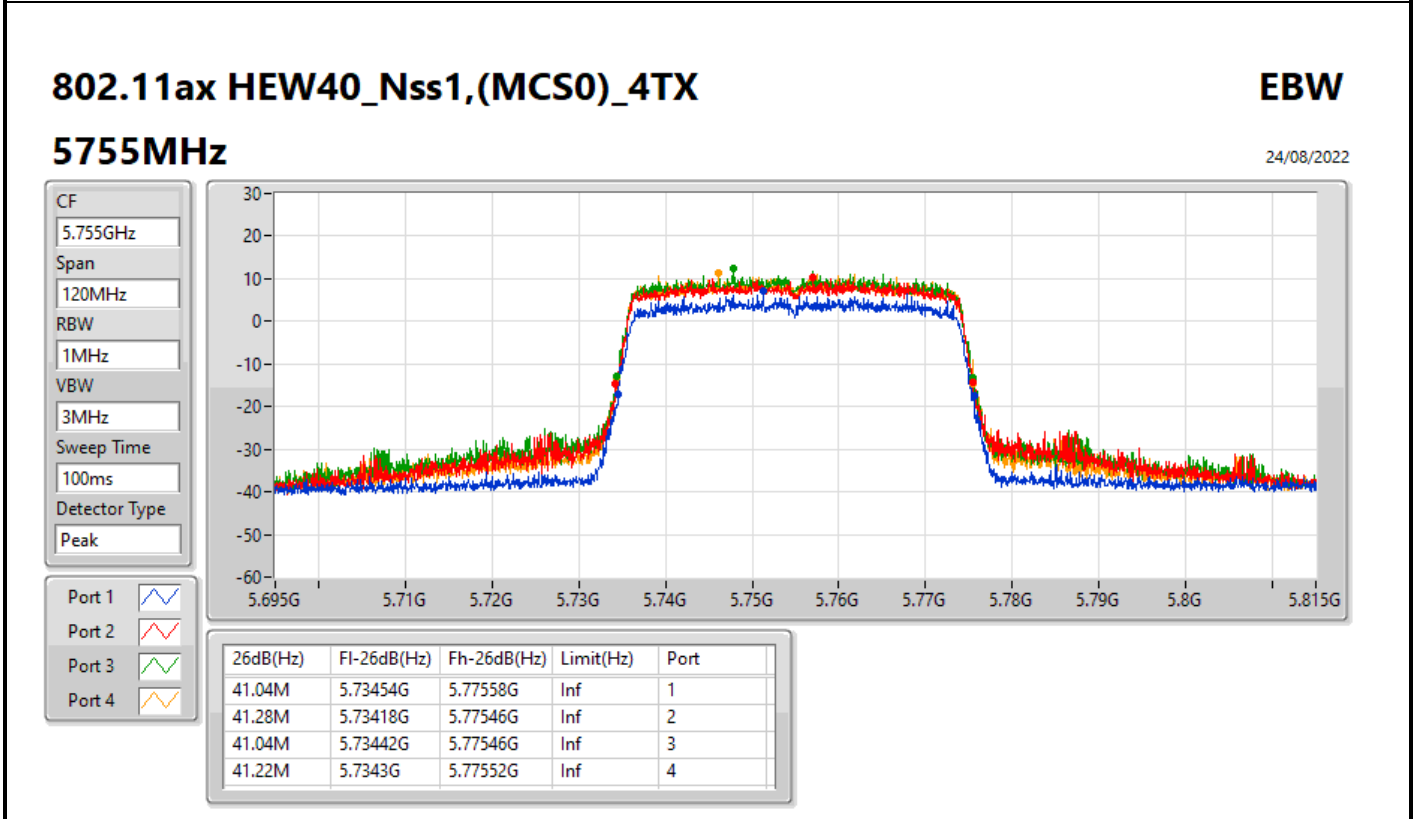
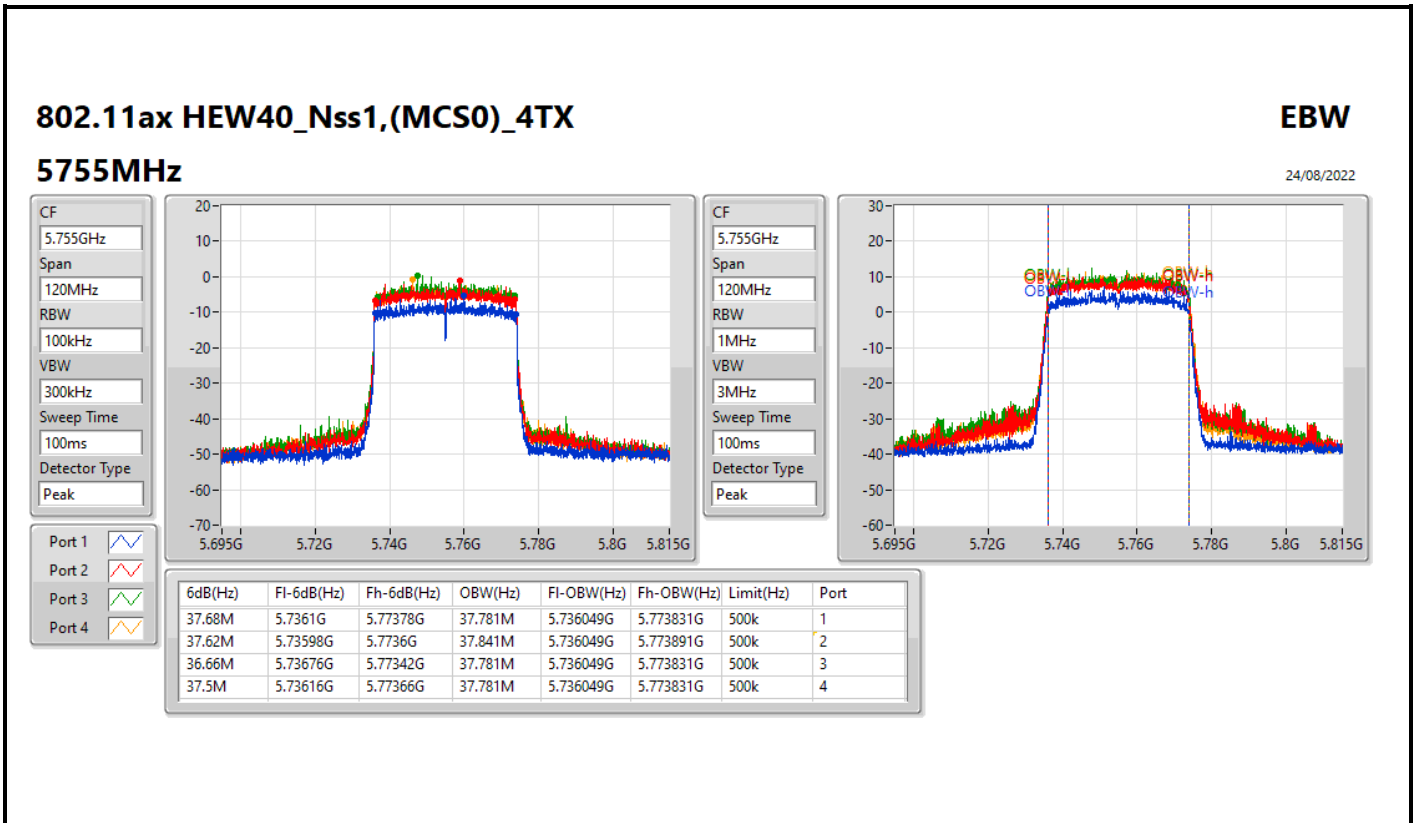


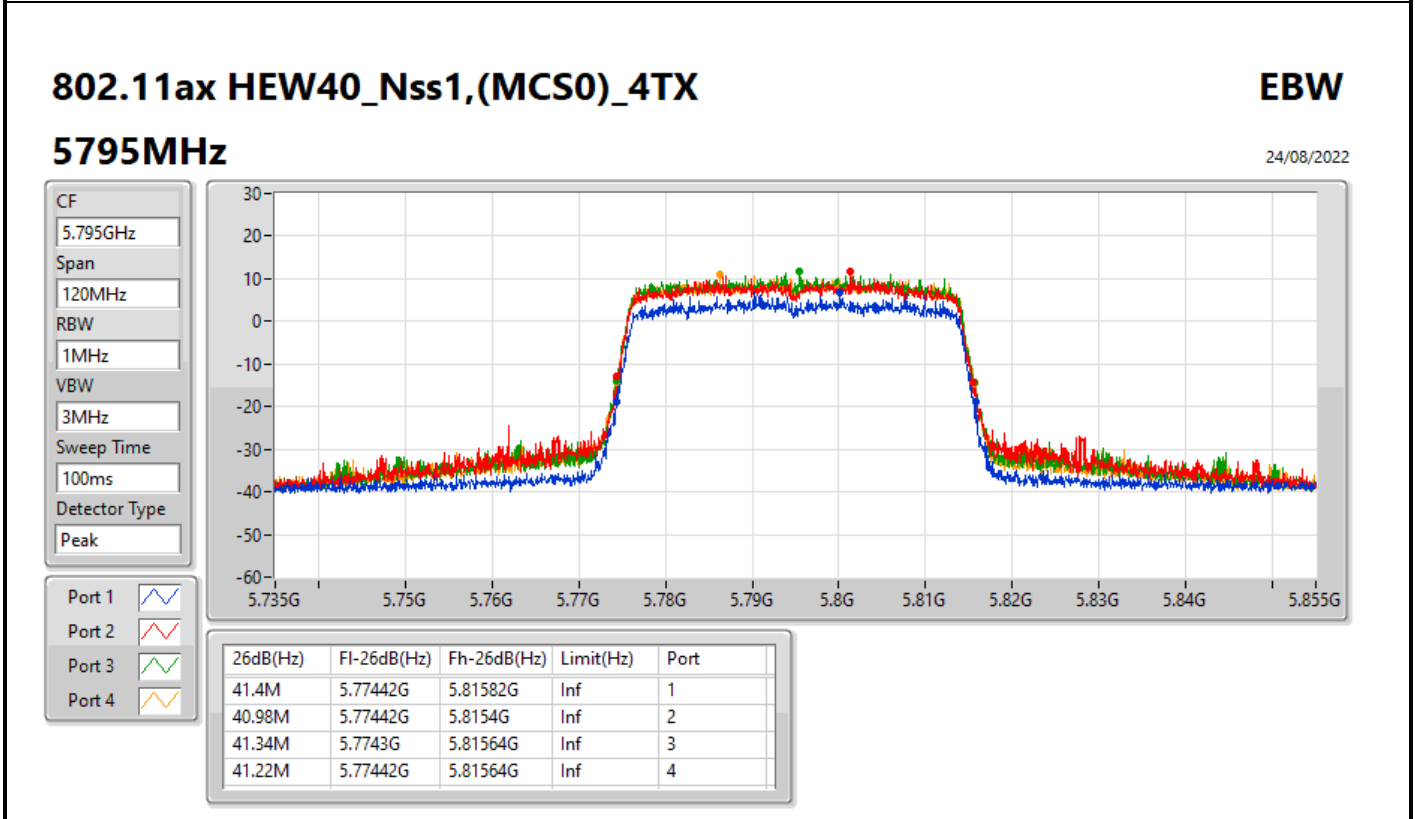
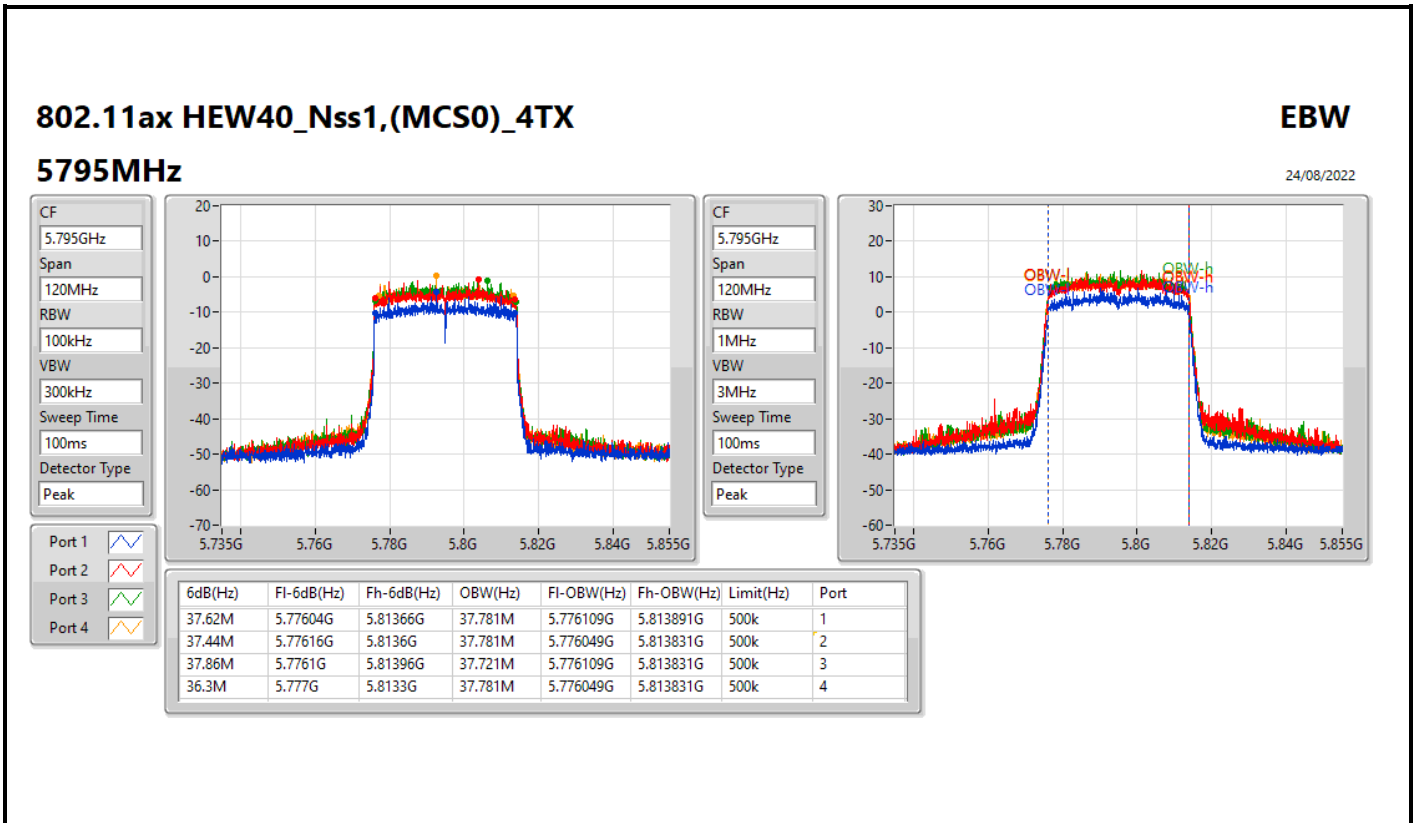
CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.20984G	5.25016G	37.841M	5.211049G	5.248891G	Inf	1
40.5M	5.20972G	5.25022G	37.781M	5.211049G	5.248831G	Inf	2
40.38M	5.20978G	5.25016G	37.781M	5.21099G	5.248771G	Inf	3
40.44M	5.20972G	5.25016G	37.781M	5.211049G	5.248831G	Inf	4





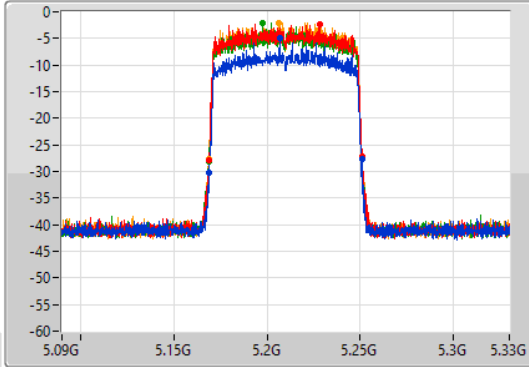
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

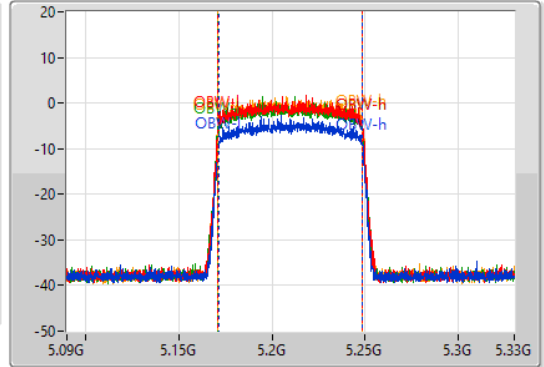
5210MHz

24/08/2022

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



CF
5.21GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16896G	5.2508G	77.481M	5.171259G	5.248741G	Inf	1
82.08M	5.16908G	5.25116G	77.481M	5.171139G	5.248621G	Inf	2
82.08M	5.16872G	5.2508G	77.481M	5.171139G	5.248621G	Inf	3
82.08M	5.16896G	5.25104G	77.481M	5.171139G	5.248621G	Inf	4

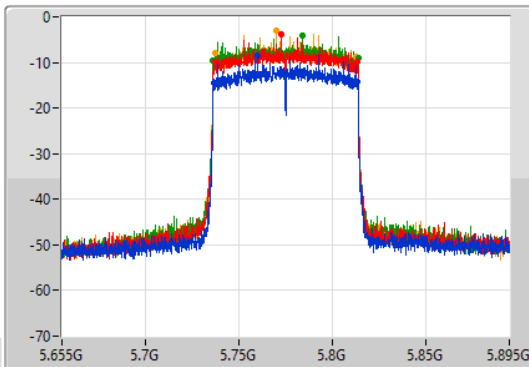
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

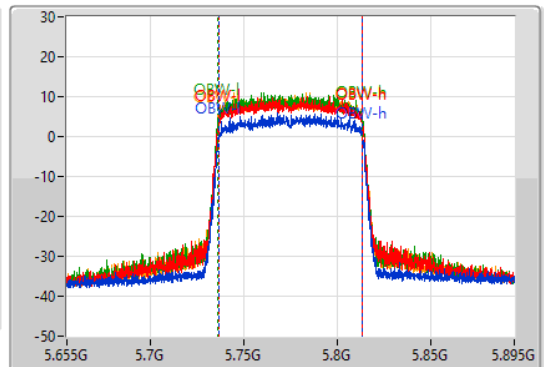
5775MHz

24/08/2022

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



CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.4M	5.73636G	5.81376G	77.361M	5.736259G	5.813621G	500k	1
76.2M	5.73696G	5.81316G	77.361M	5.736259G	5.813621G	500k	2
77.76M	5.73612G	5.81388G	77.361M	5.736139G	5.813501G	500k	3
75.6M	5.73732G	5.81292G	77.481M	5.736139G	5.813621G	500k	4

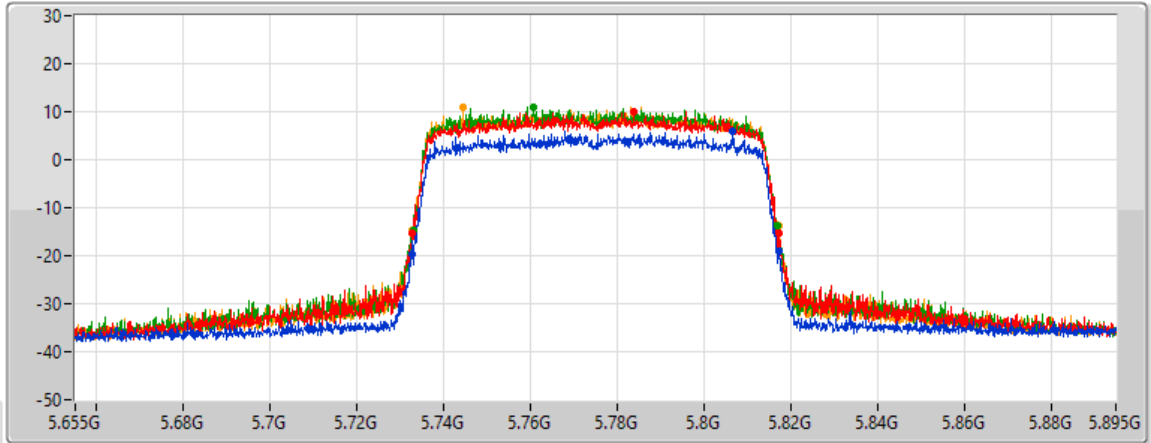
802.11ax HEW80_Nss1,(MCS0)_4TX





EBW

5775MHz

24/08/2022

CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1 
Port 2 
Port 3 
Port 4 

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
84.6M	5.73264G	5.81724G	Inf	1
84.6M	5.73276G	5.81736G	Inf	2
84.12M	5.73288G	5.817G	Inf	3
84.6M	5.73264G	5.81724G	Inf	4



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.88M	16.702M	16M8D1D	20.64M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.23M	19.16M	19M2D1D	22.02M	19.13M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.5M	37.781M	37M8D1D	40.08M	37.781M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.8M	77.361M	77M4D1D	82.8M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	16.732M	16M8D1D	16.32M	16.702M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.05M	19.19M	19M2D1D	18.99M	19.13M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.38M	37.901M	38MOD1D	37.38M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	75.48M	77.841M	77M9D1D	75.48M	77.841M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.88M	16.702M
5200MHz	Pass	Inf	20.85M	16.672M
5240MHz	Pass	Inf	20.64M	16.672M
5745MHz	Pass	500k	16.32M	16.702M
5785MHz	Pass	500k	16.32M	16.732M
5825MHz	Pass	500k	16.35M	16.702M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.02M	19.16M
5200MHz	Pass	Inf	22.23M	19.13M
5240MHz	Pass	Inf	22.2M	19.13M
5745MHz	Pass	500k	19.05M	19.19M
5785MHz	Pass	500k	18.99M	19.16M
5825MHz	Pass	500k	19.05M	19.13M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.781M
5230MHz	Pass	Inf	40.5M	37.781M
5755MHz	Pass	500k	37.38M	37.901M
5795MHz	Pass	500k	37.38M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.8M	77.361M
5775MHz	Pass	500k	75.48M	77.841M

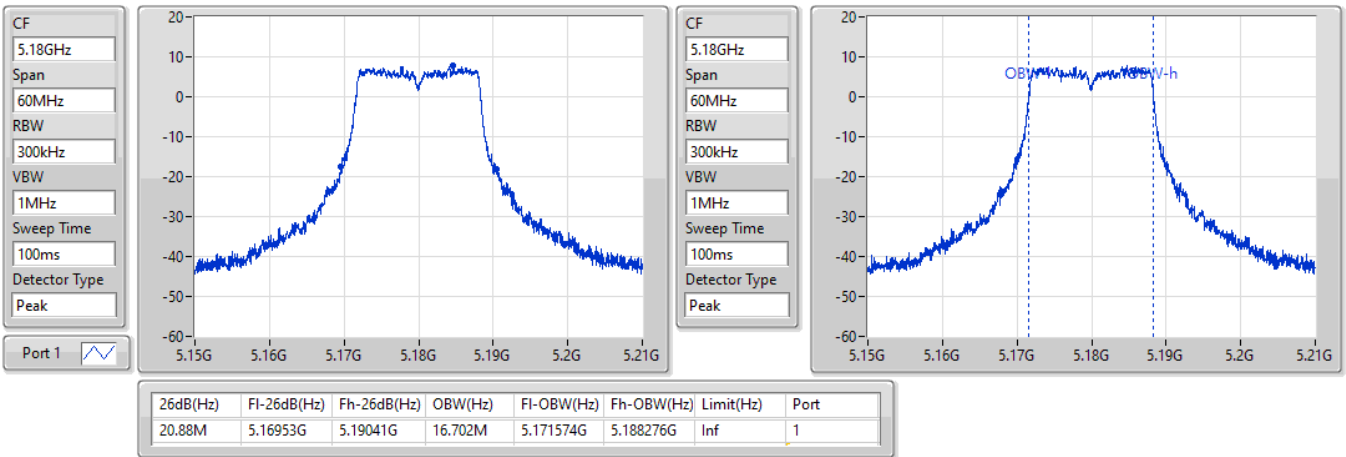
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

18/08/2022

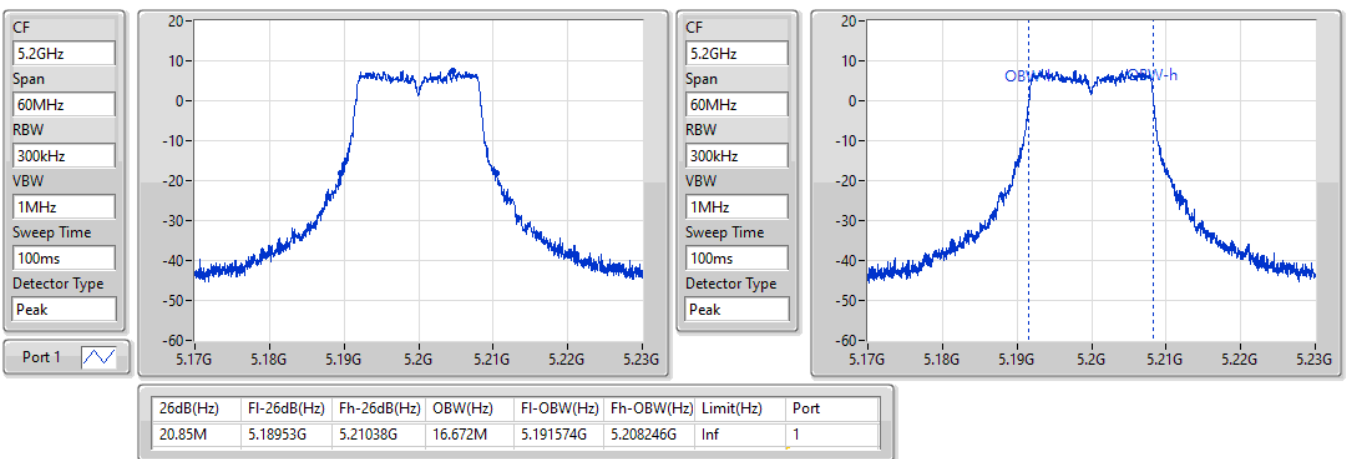


802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

18/08/2022

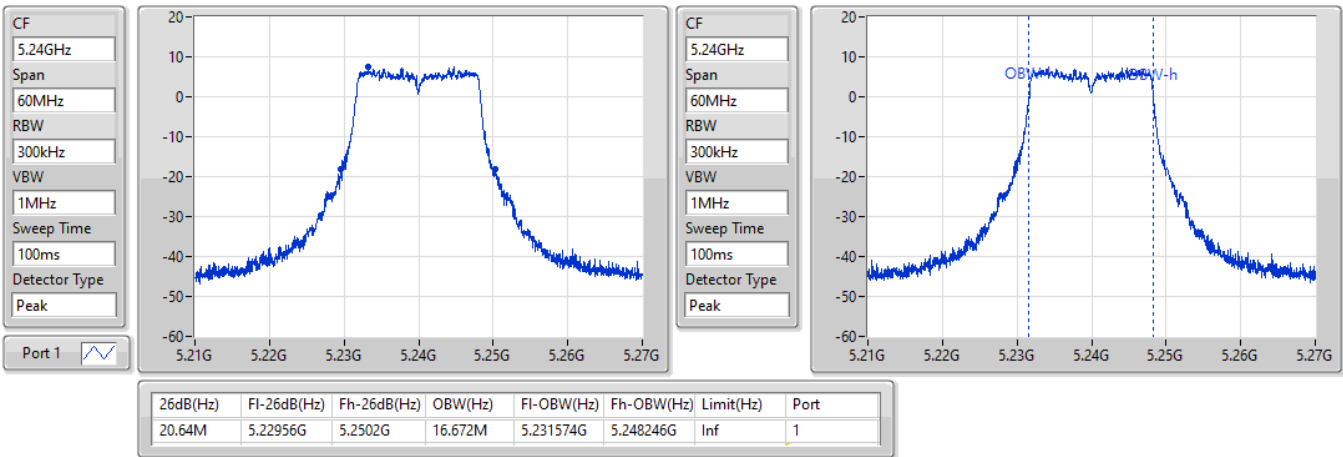


802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

18/08/2022

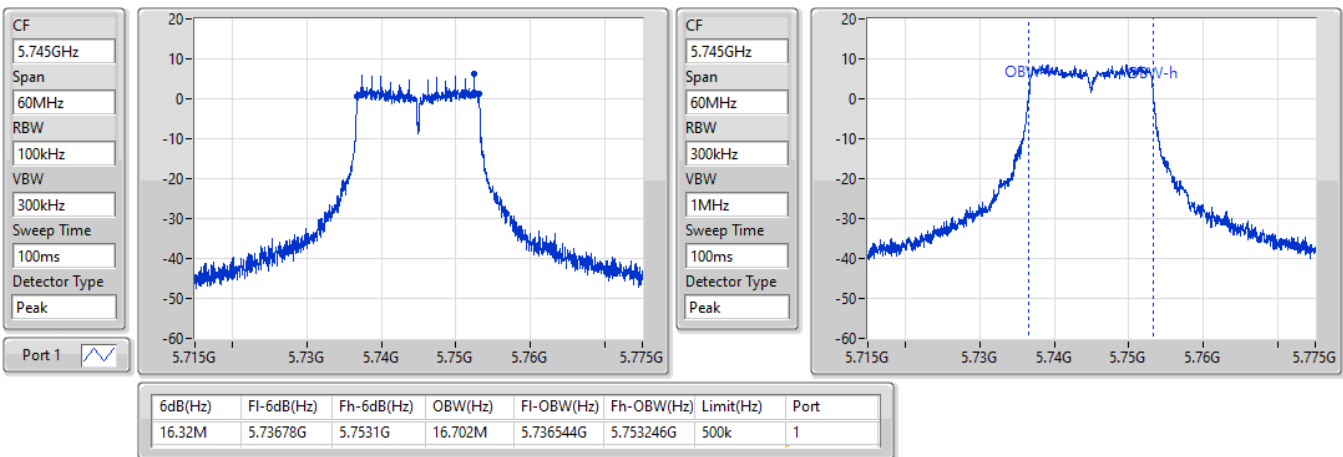


802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

18/08/2022



802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

18/08/2022

CF
5.745GHz

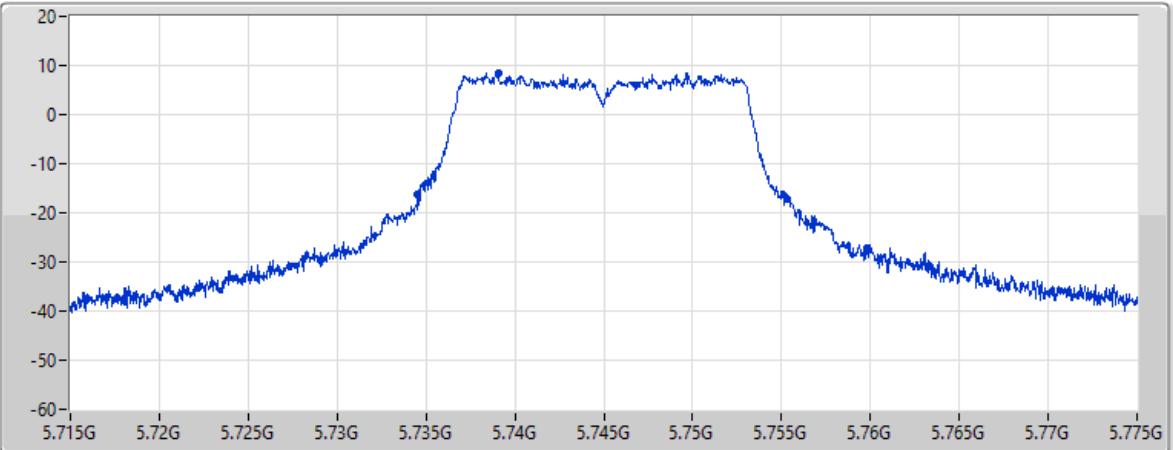
Span
60MHz


RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.82M	5.73453G	5.75535G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

18/08/2022

CF
5.785GHz

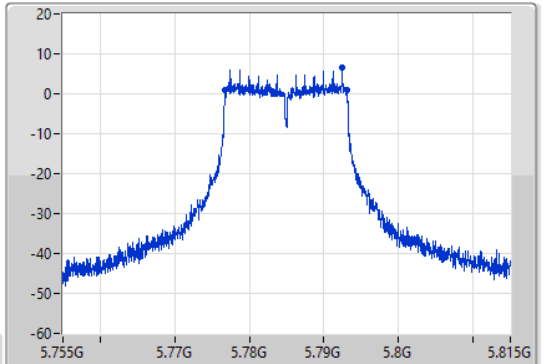
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

CF
5.785GHz

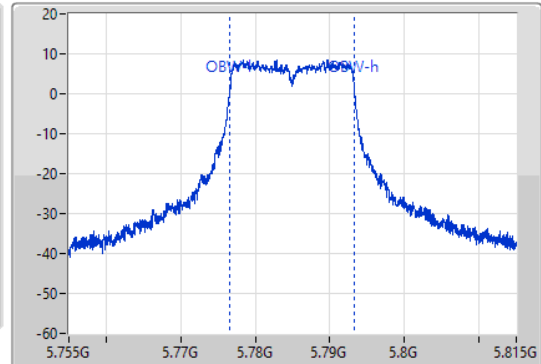
Span
60MHz

RBW
300kHz

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	5.77678G	5.7931G	16.732M	5.776544G	5.793276G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

18/08/2022

CF
5.785GHz

Span
60MHz

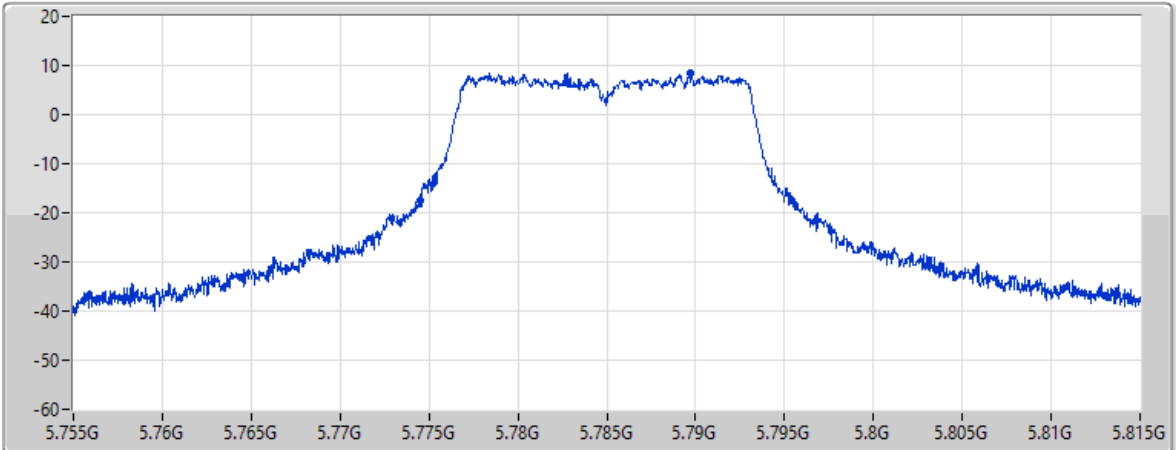
RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1 



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.97M	5.77447G	5.79544G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

18/08/2022

CF
5.825GHz


Span
60MHz

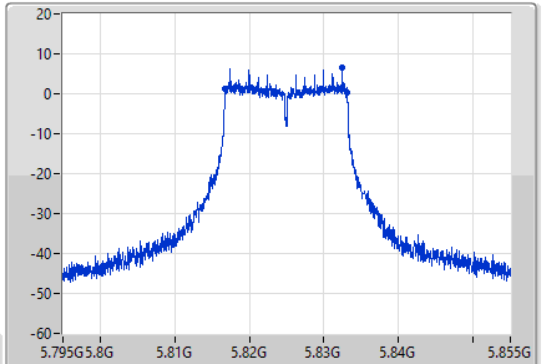
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 1 



CF
5.825GHz

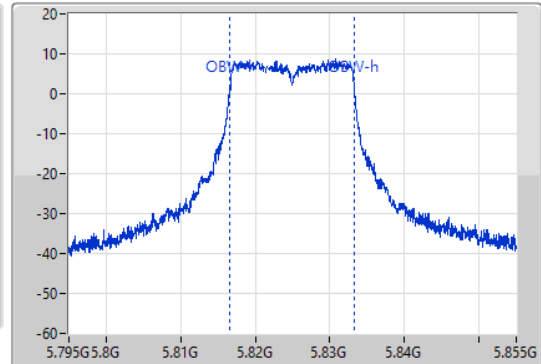
Span
60MHz

RBW
300kHz

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
16.35M	5.81678G	5.83313G	16.702M	5.816544G	5.833246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

18/08/2022

CF
5.825GHz

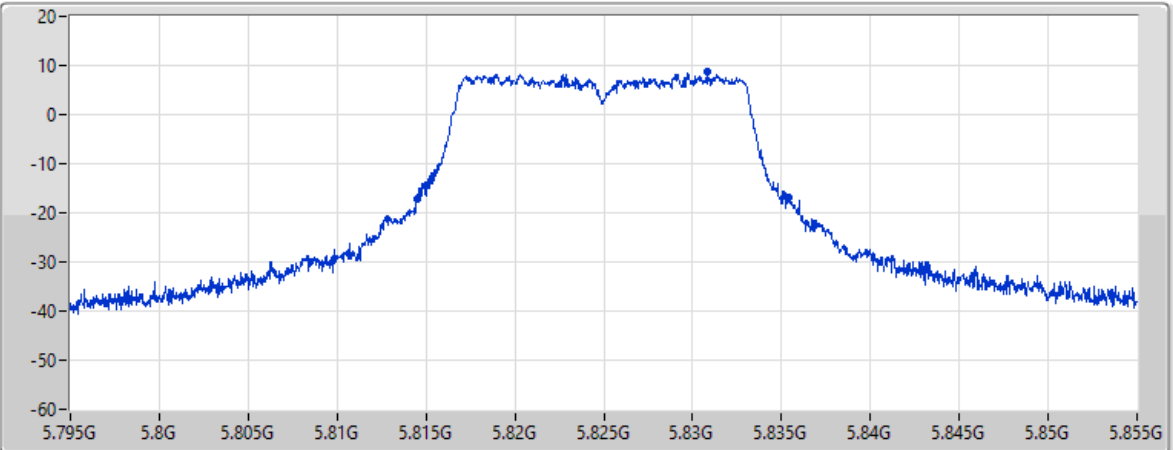
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.91M	5.81447G	5.83538G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

18/08/2022

CF
5.18GHz

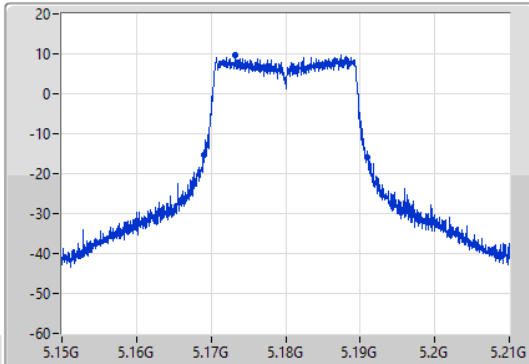
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

CF
5.18GHz

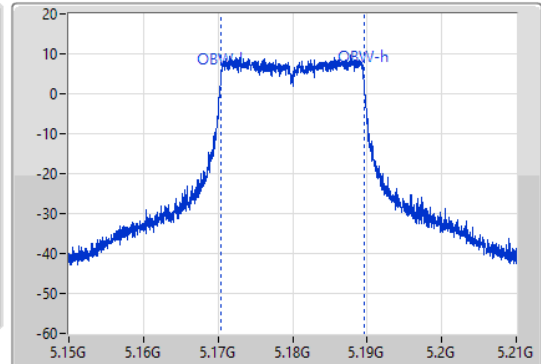
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



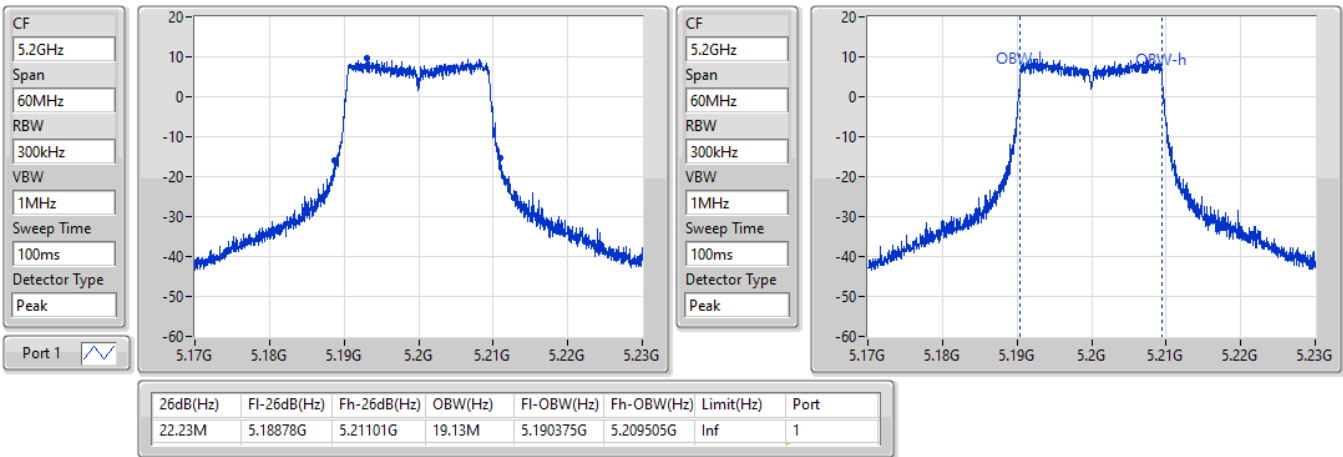
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.16899G	5.19101G	19.16M	5.170375G	5.189535G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

18/08/2022

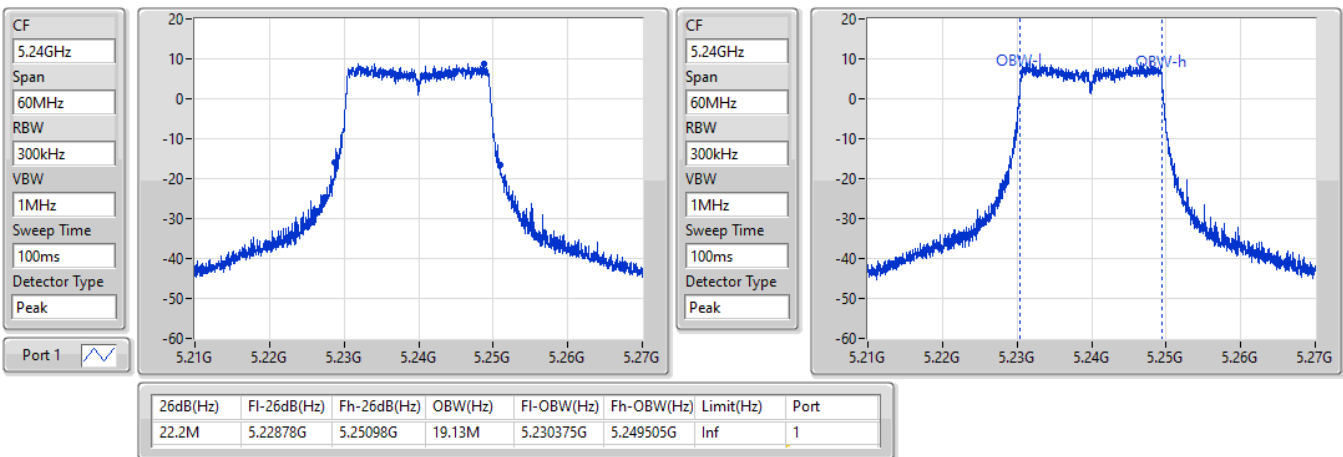


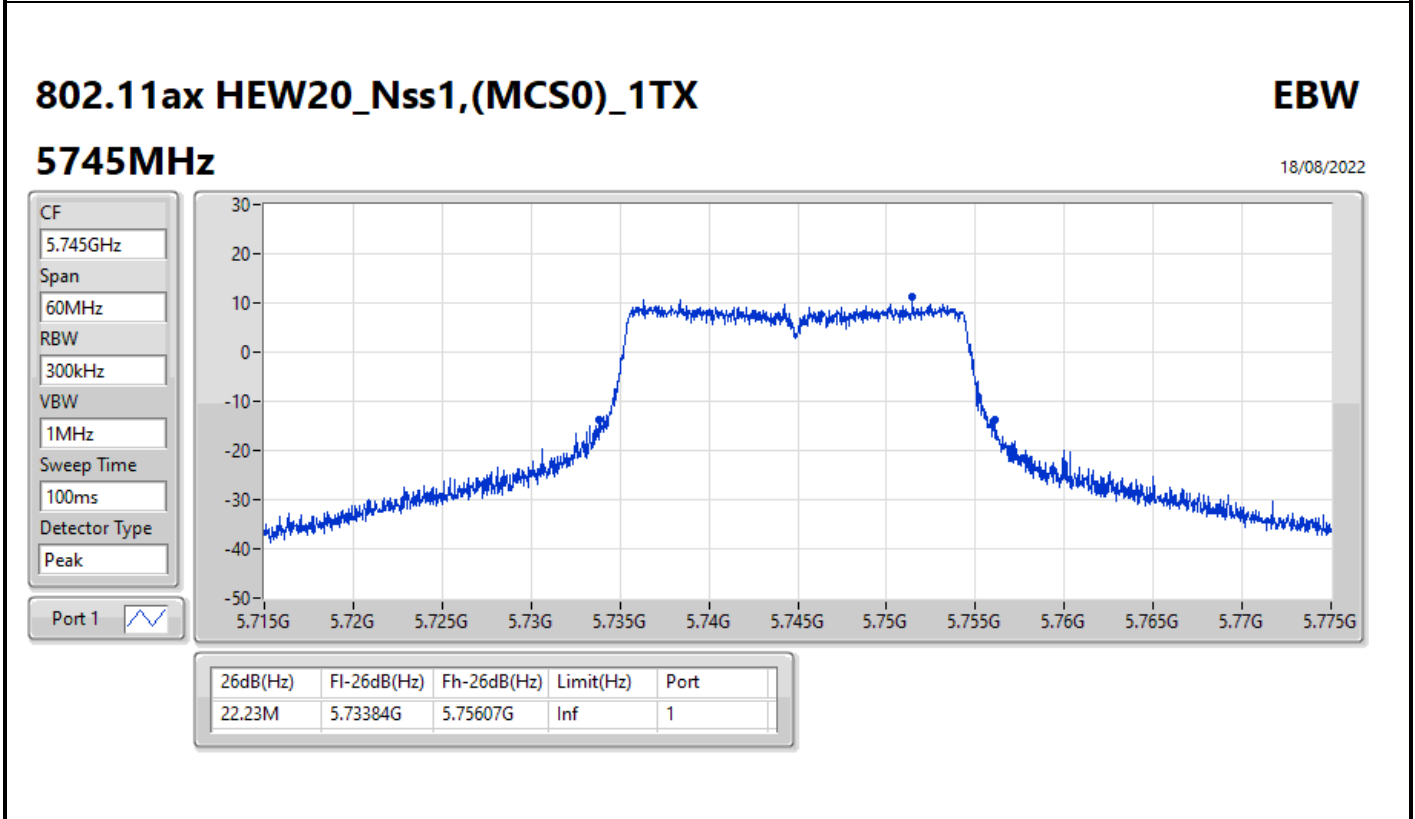
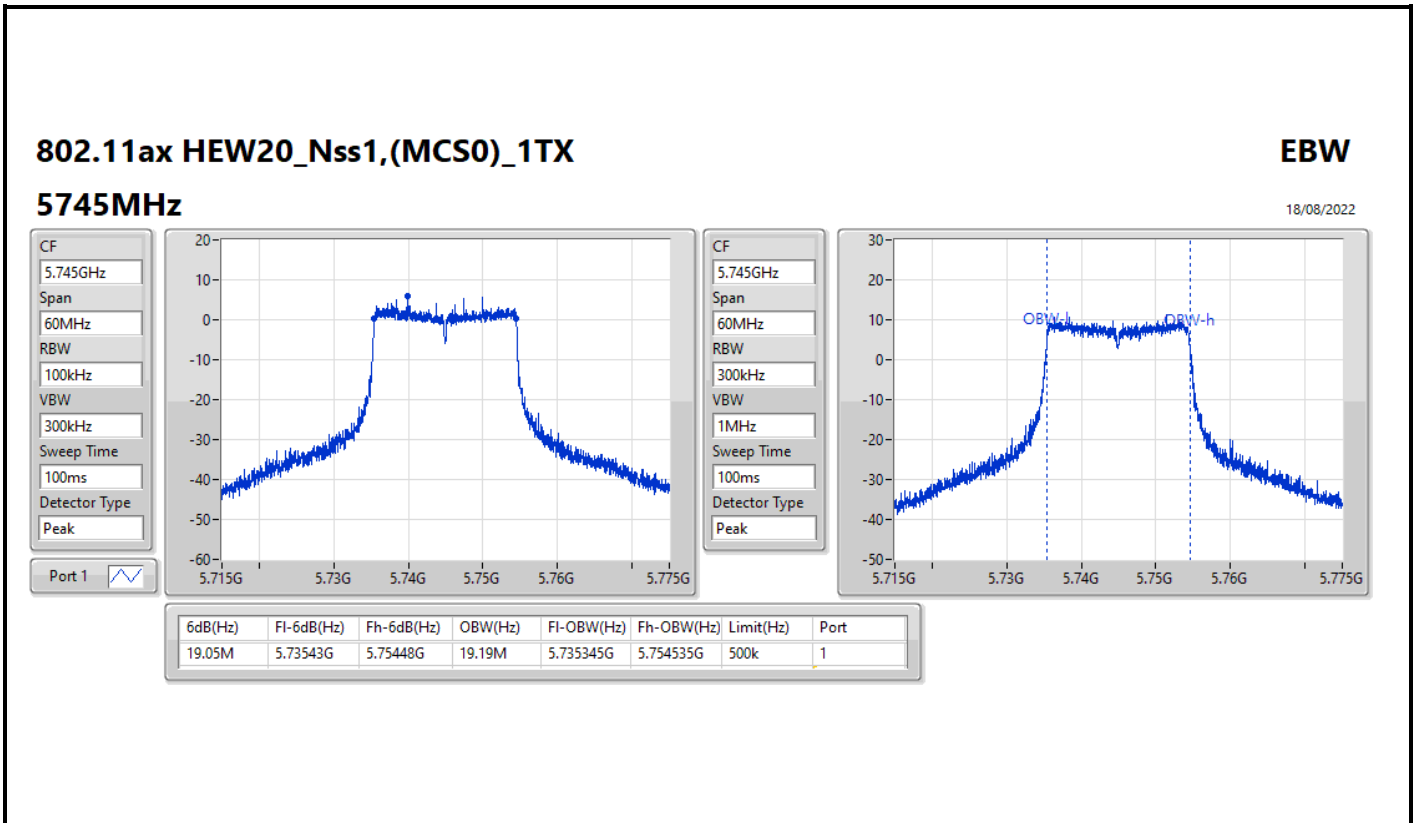
802.11ax HEW20_Nss1,(MCS0)_1TX

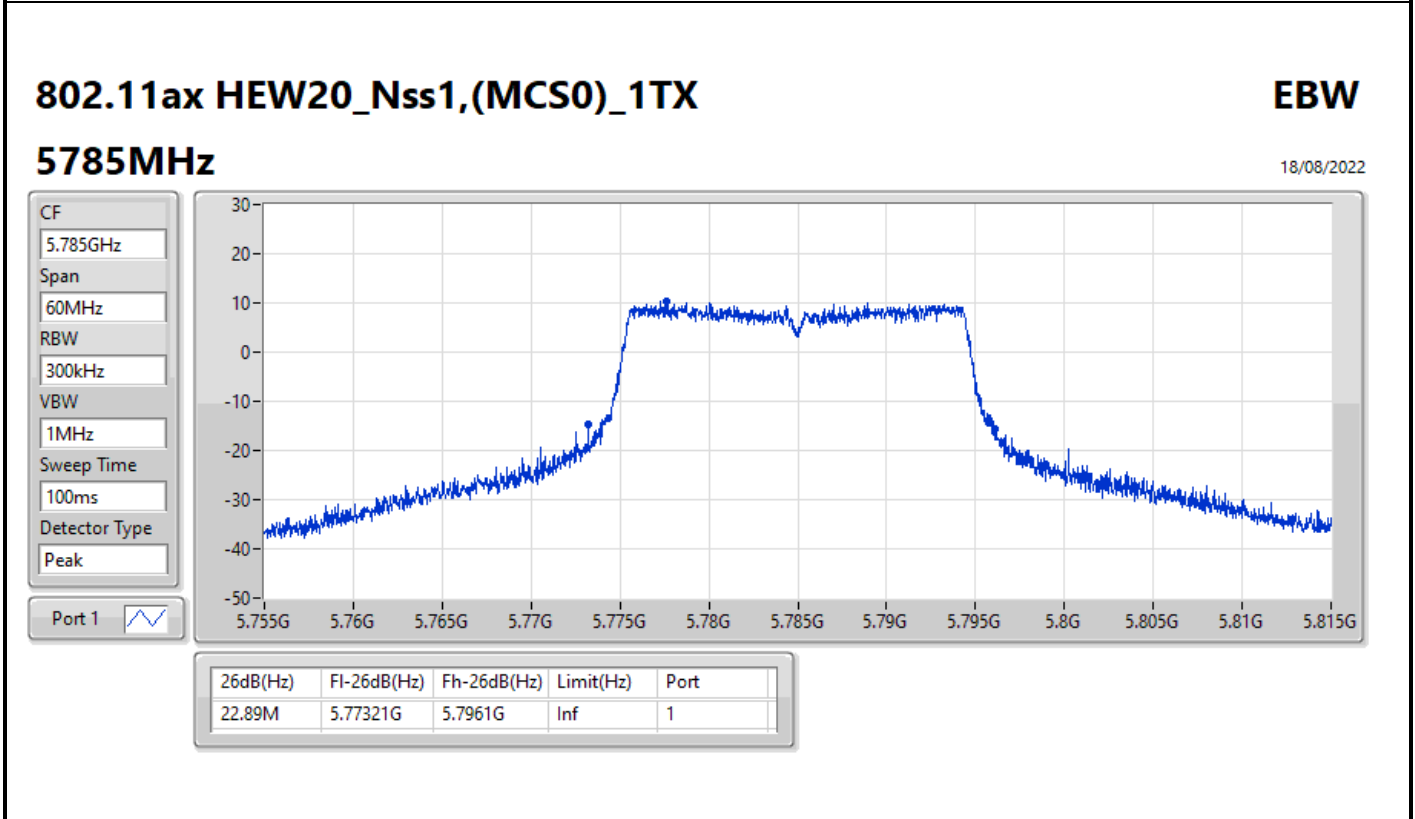
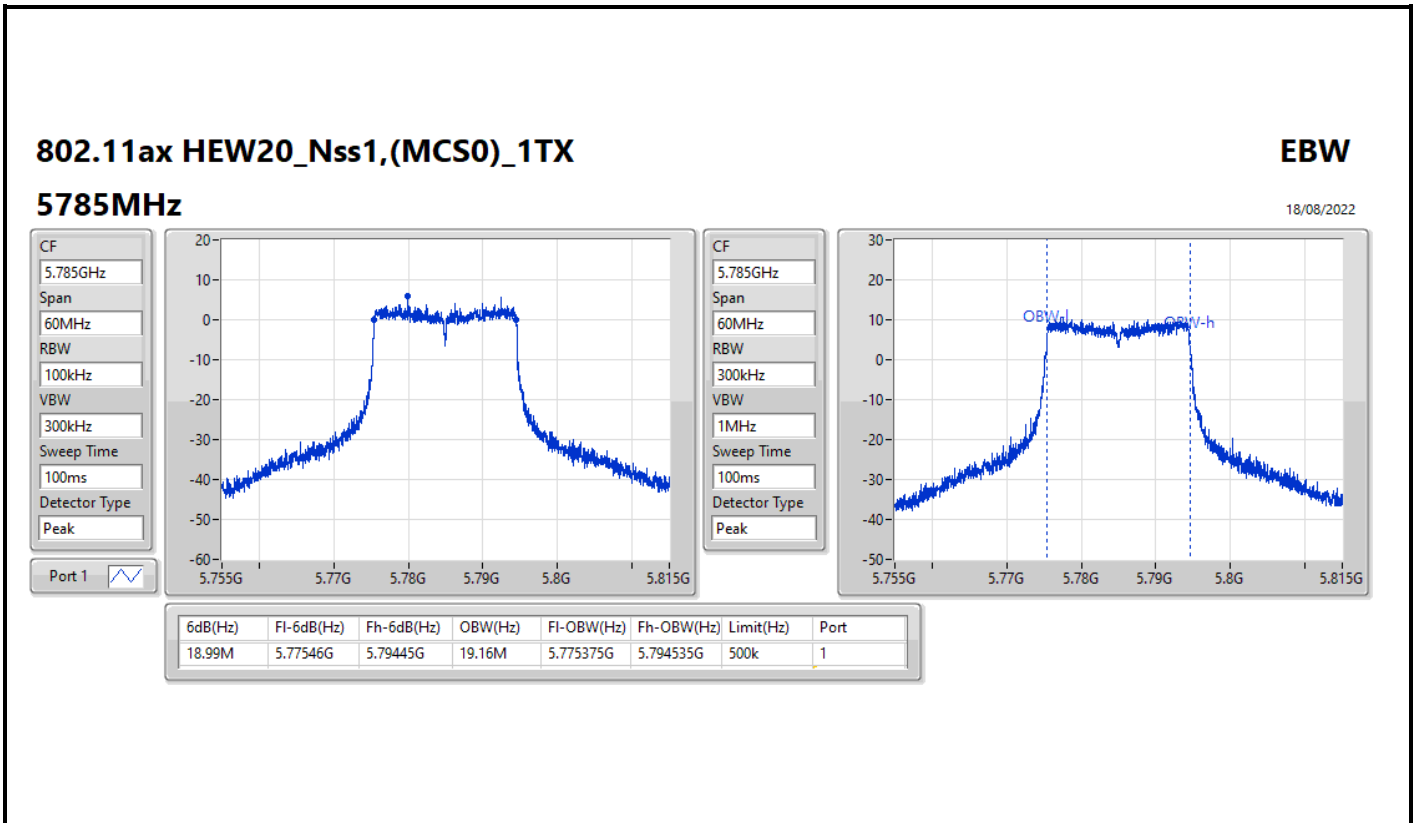
EBW

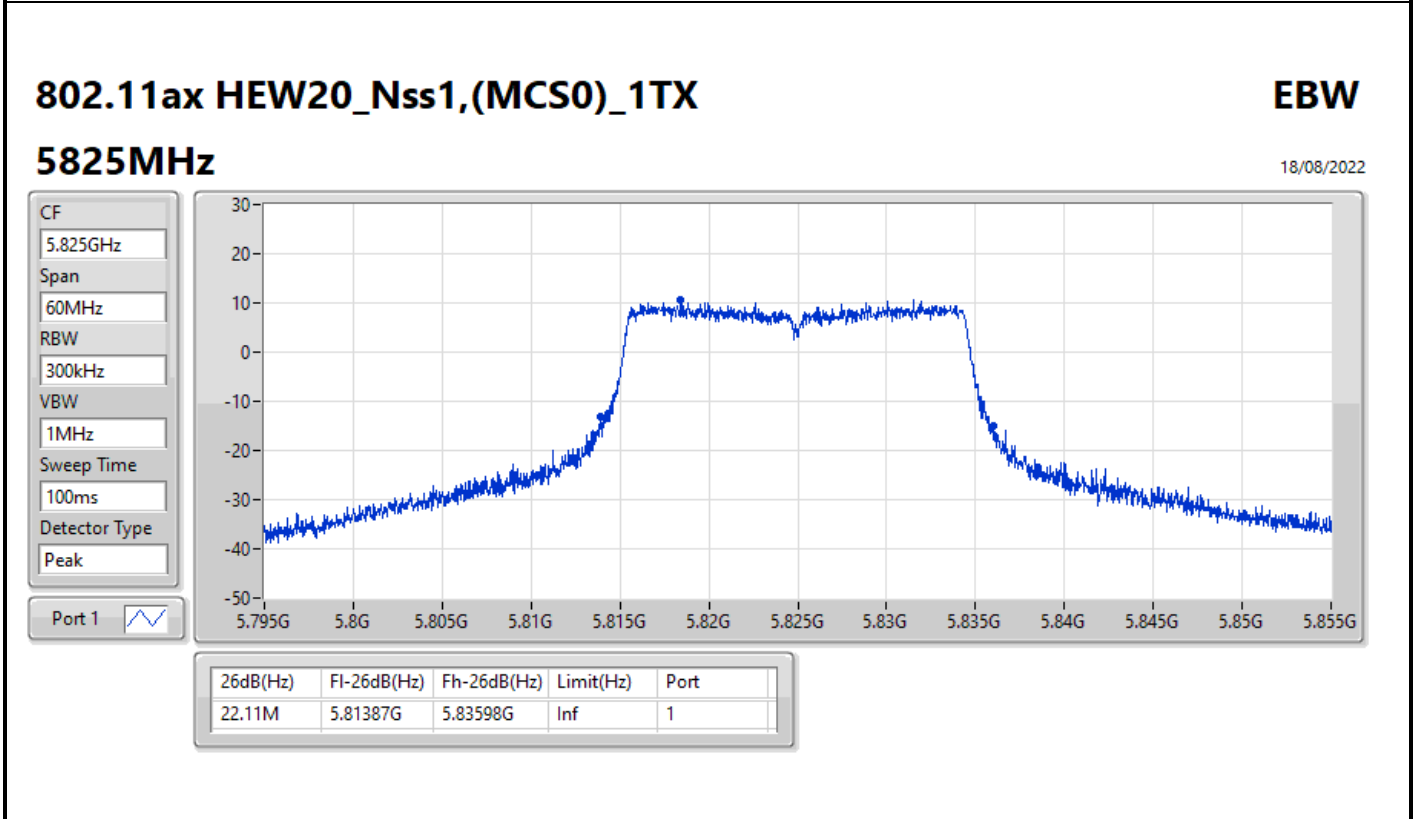
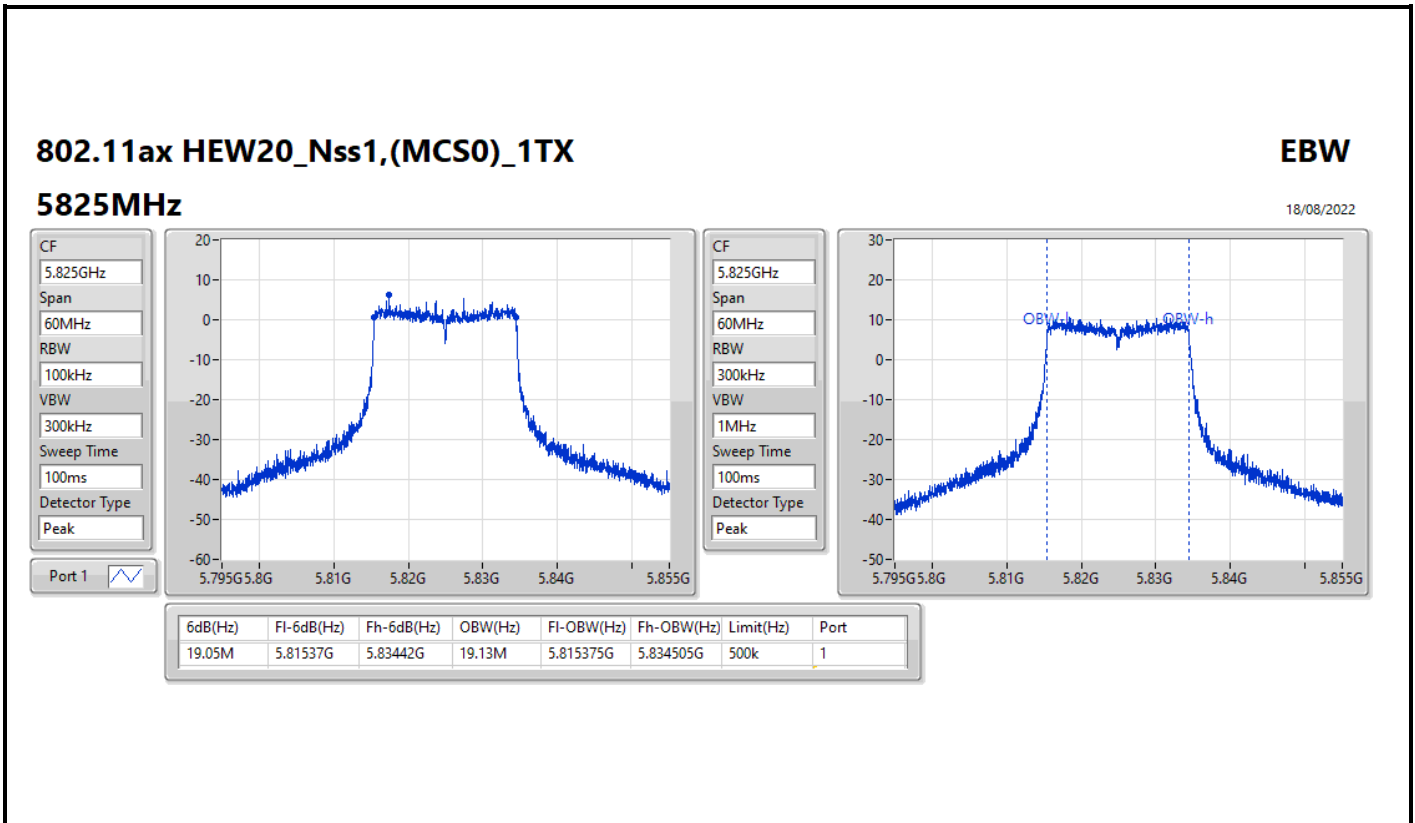
5240MHz

18/08/2022









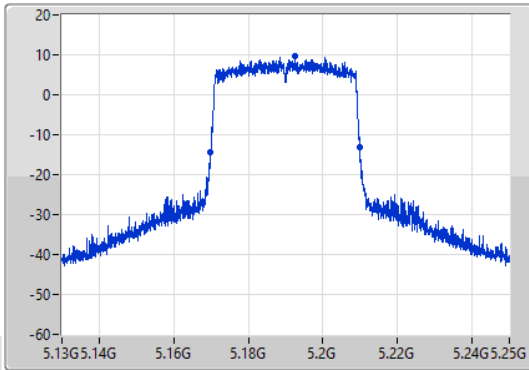
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

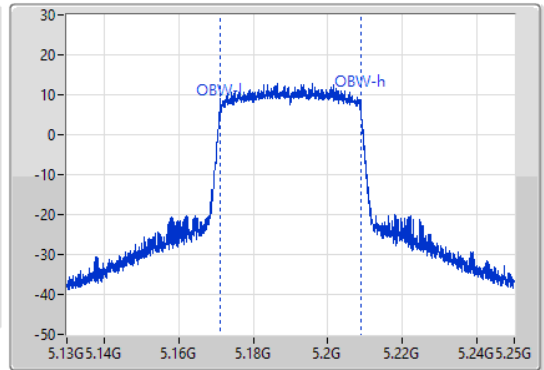
5190MHz

18/08/2022

CF
5.19GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.19GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.1699G	5.20998G	37.781M	5.171049G	5.208831G	Inf	1

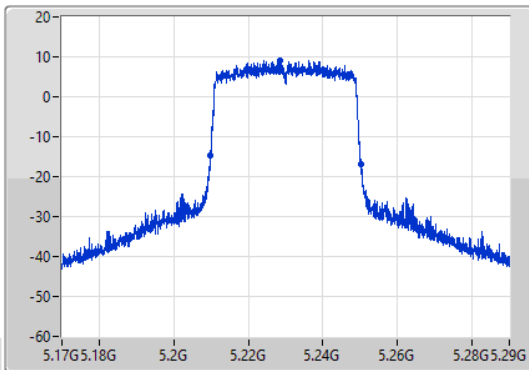
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

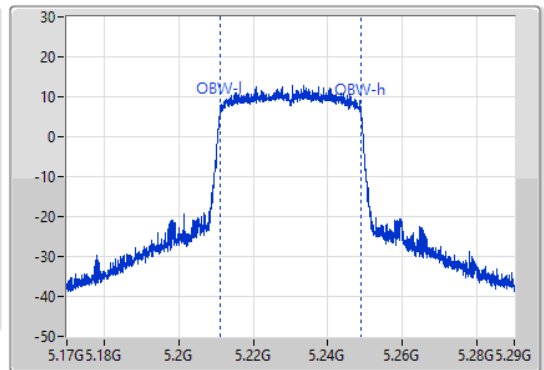
5230MHz

18/08/2022

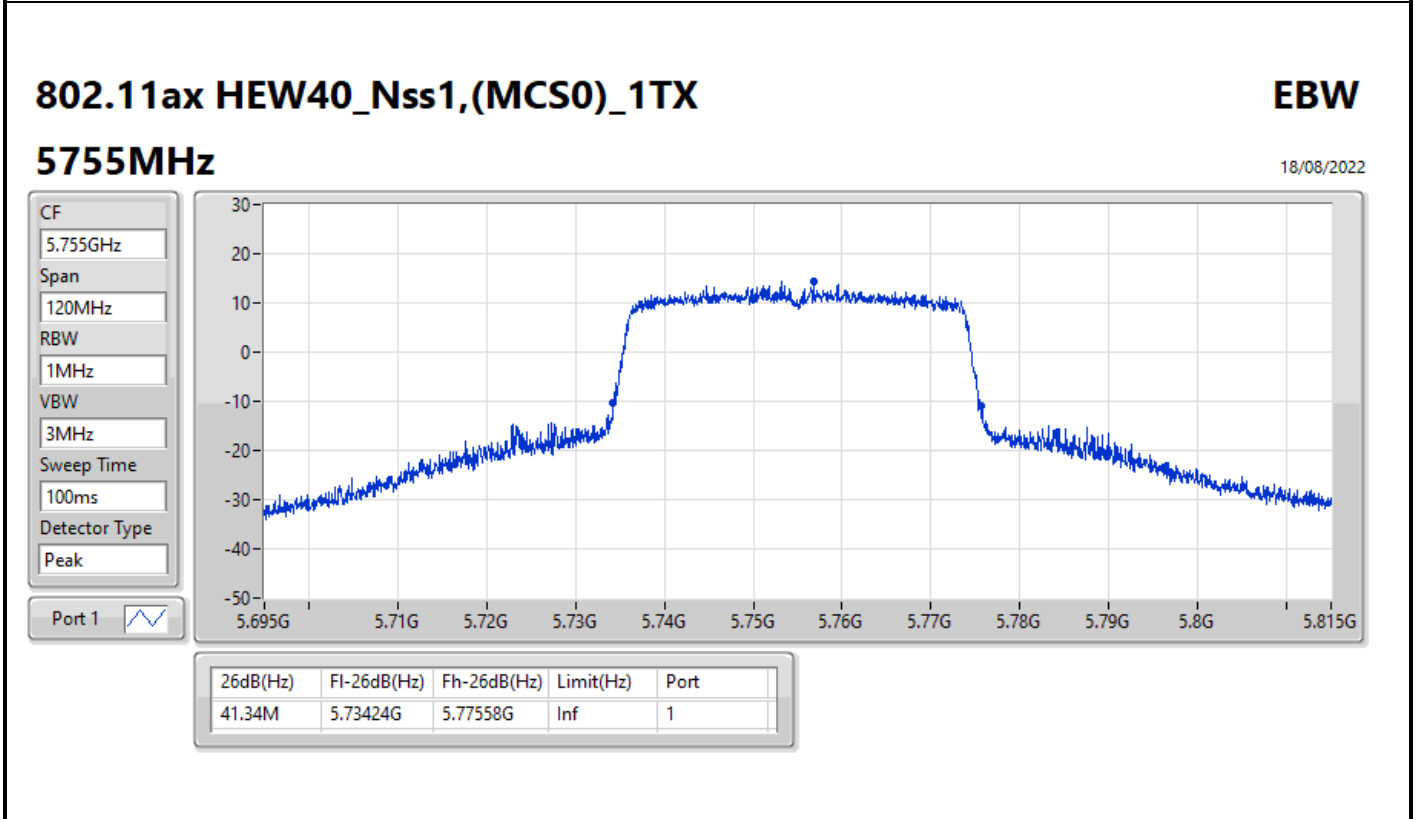
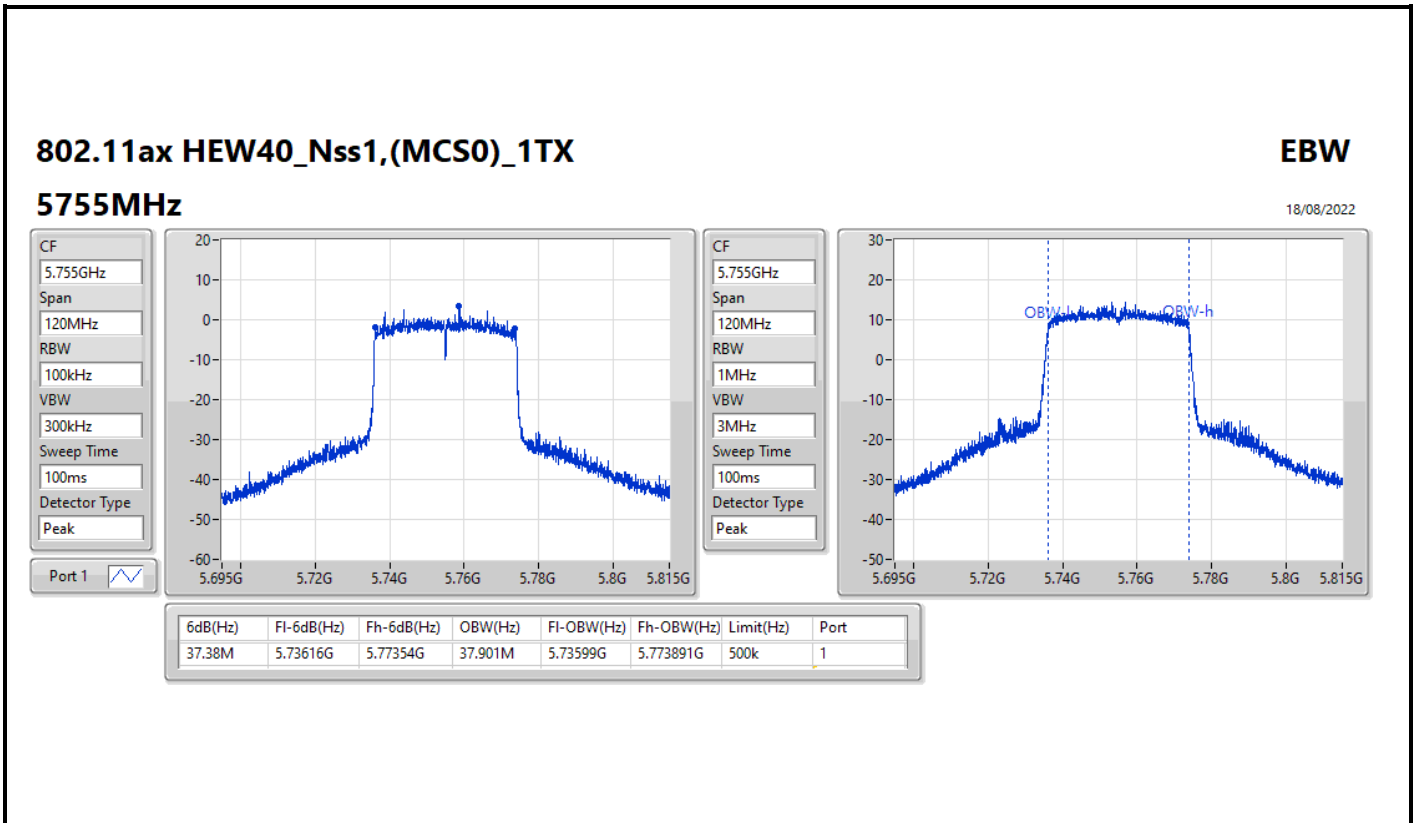
CF
5.23GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1

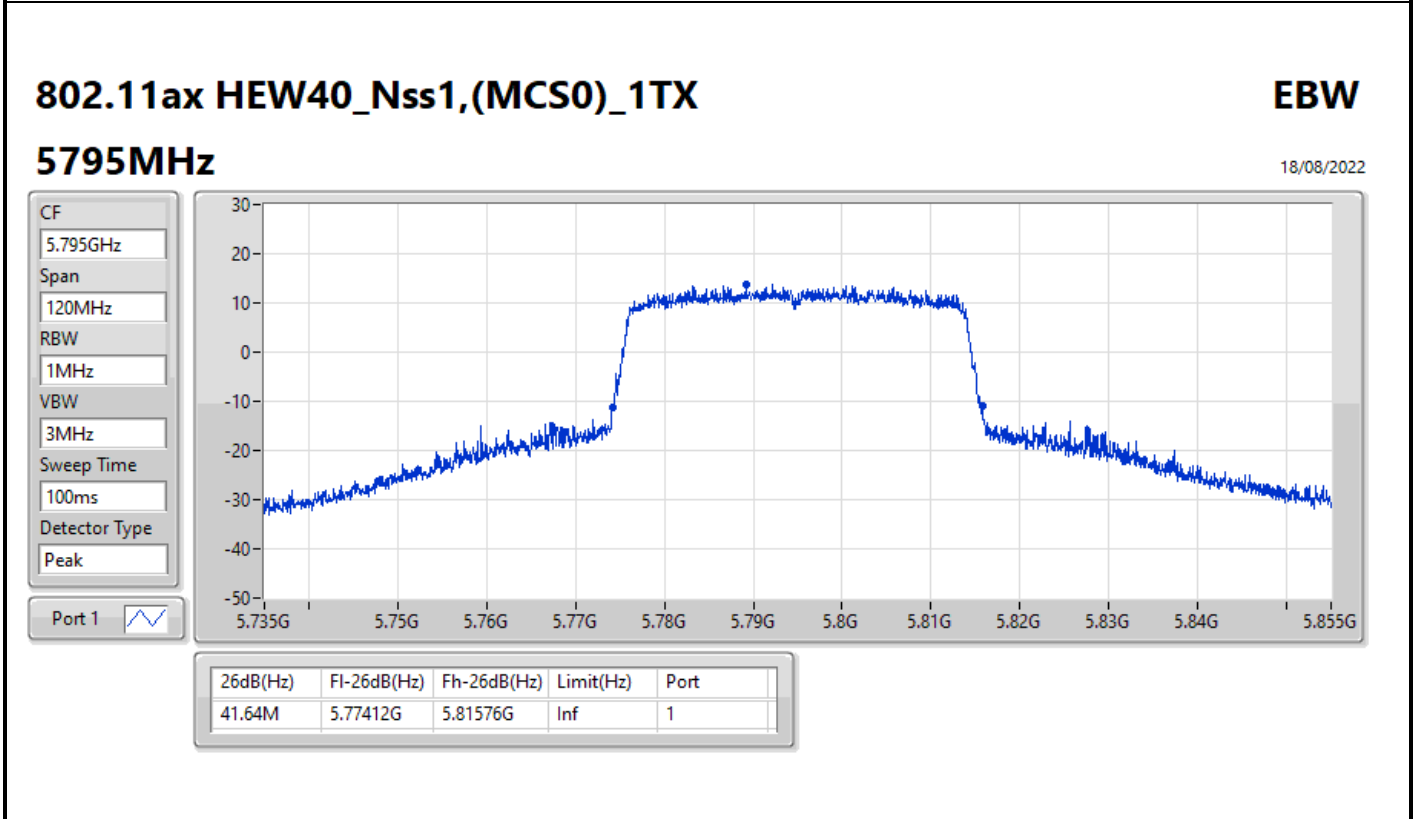
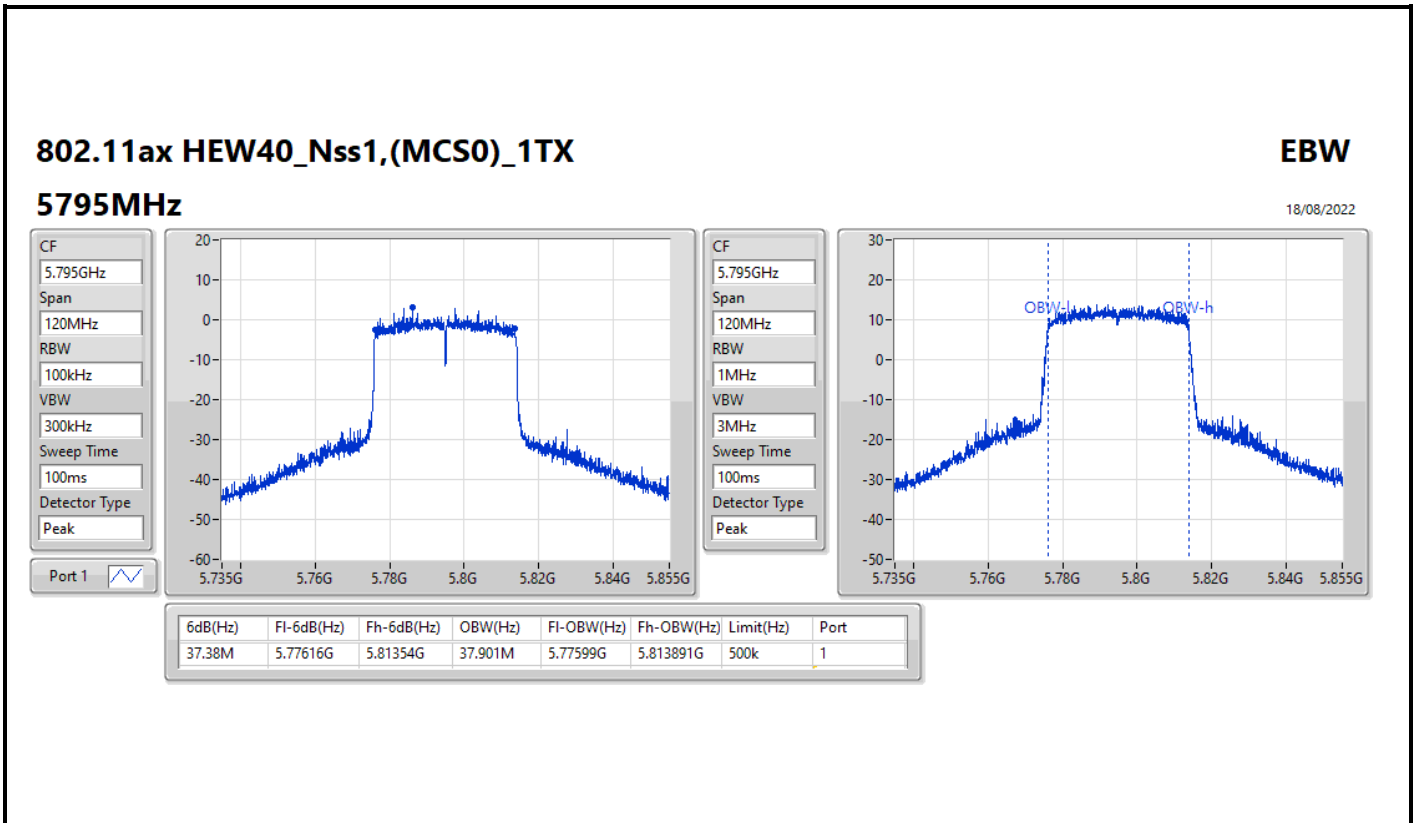


CF
5.23GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.20972G	5.25022G	37.781M	5.211049G	5.248831G	Inf	1



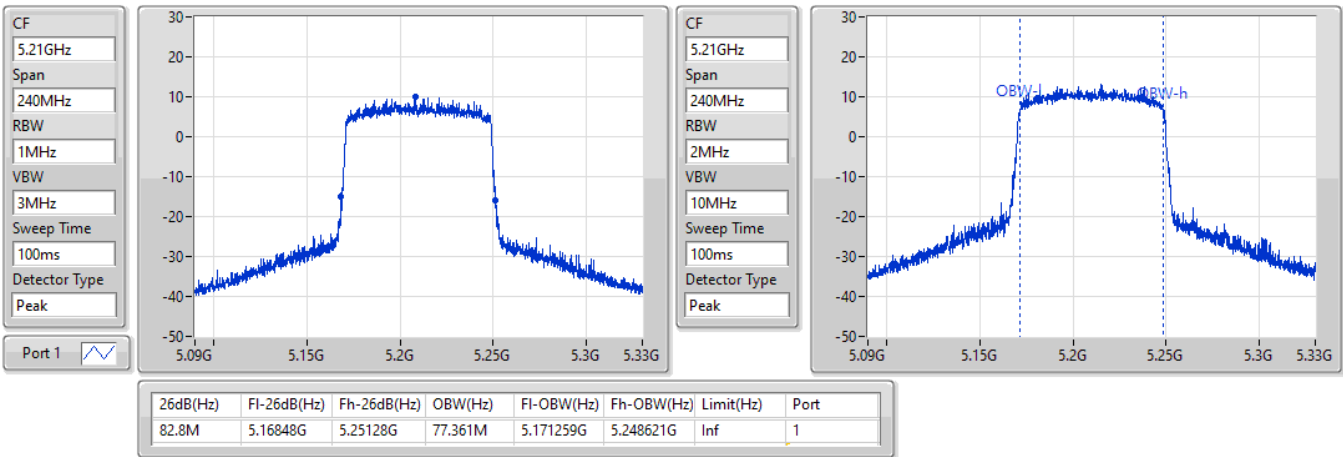


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

18/08/2022

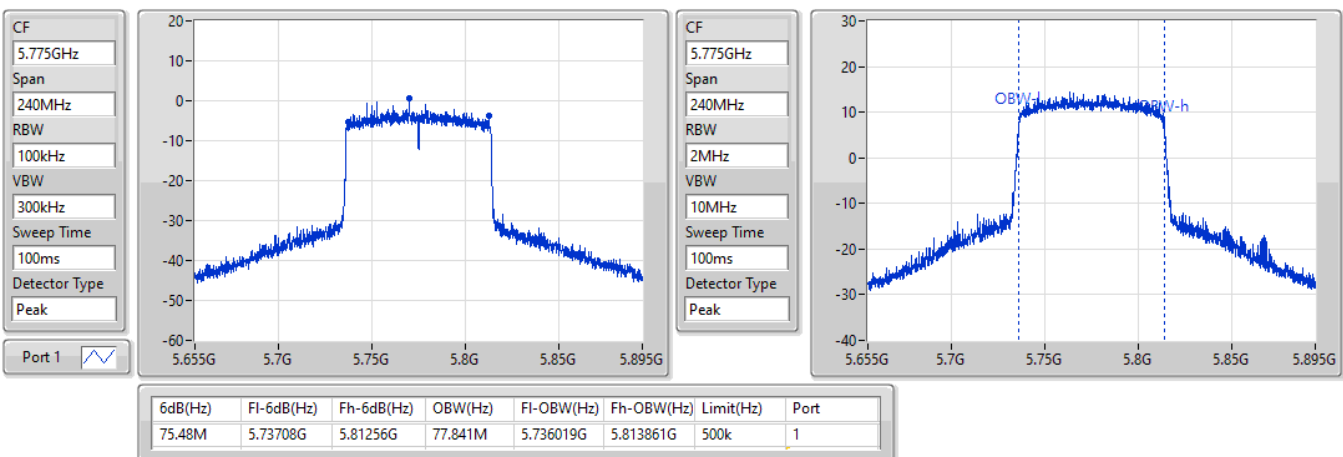


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

18/08/2022



802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

18/08/2022

CF
5.775GHz

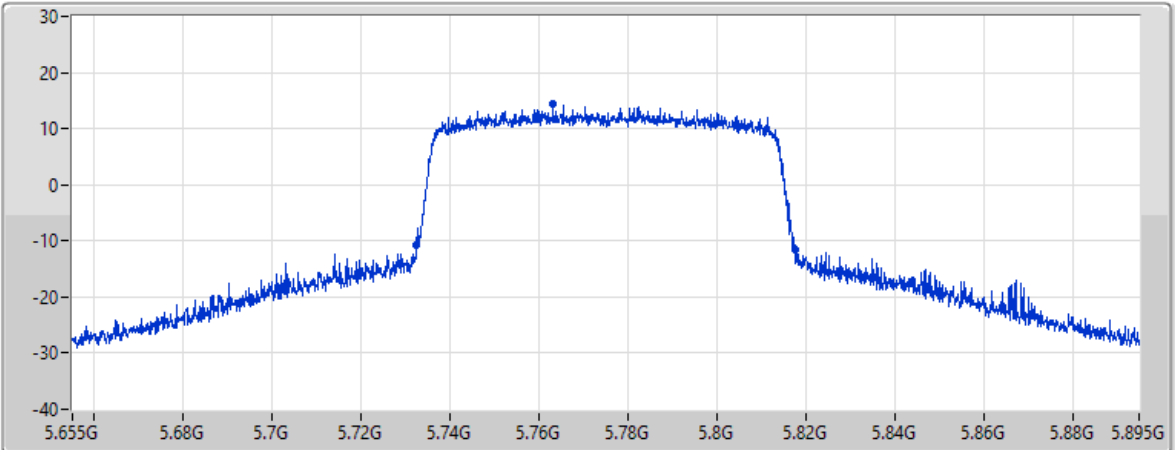
Span
240MHz


RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
85.08M	5.7324G	5.81748G	Inf	1



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.76M	16.672M	16M7D1D	20.49M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.99M	19.16M	19M2D1D	21.57M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.56M	37.841M	37M9D1D	40.5M	37.841M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.96M	77.361M	77M4D1D	81.96M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.32M	16.702M	16M8D1D	16.32M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.17M	19.19M	19M2D1D	18.96M	19.16M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.2M	37.961M	38MOD1D	37.08M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	75.96M	77.361M	77M4D1D	75.96M	77.361M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.49M	16.672M
5200MHz	Pass	Inf	20.76M	16.672M
5240MHz	Pass	Inf	20.7M	16.672M
5745MHz	Pass	500k	16.32M	16.702M
5785MHz	Pass	500k	16.32M	16.702M
5825MHz	Pass	500k	16.32M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.57M	19.1M
5200MHz	Pass	Inf	21.99M	19.16M
5240MHz	Pass	Inf	21.93M	19.13M
5745MHz	Pass	500k	18.96M	19.16M
5785MHz	Pass	500k	18.99M	19.19M
5825MHz	Pass	500k	19.17M	19.16M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.841M
5230MHz	Pass	Inf	40.56M	37.841M
5755MHz	Pass	500k	37.2M	37.961M
5795MHz	Pass	500k	37.08M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.96M	77.361M
5775MHz	Pass	500k	75.96M	77.361M

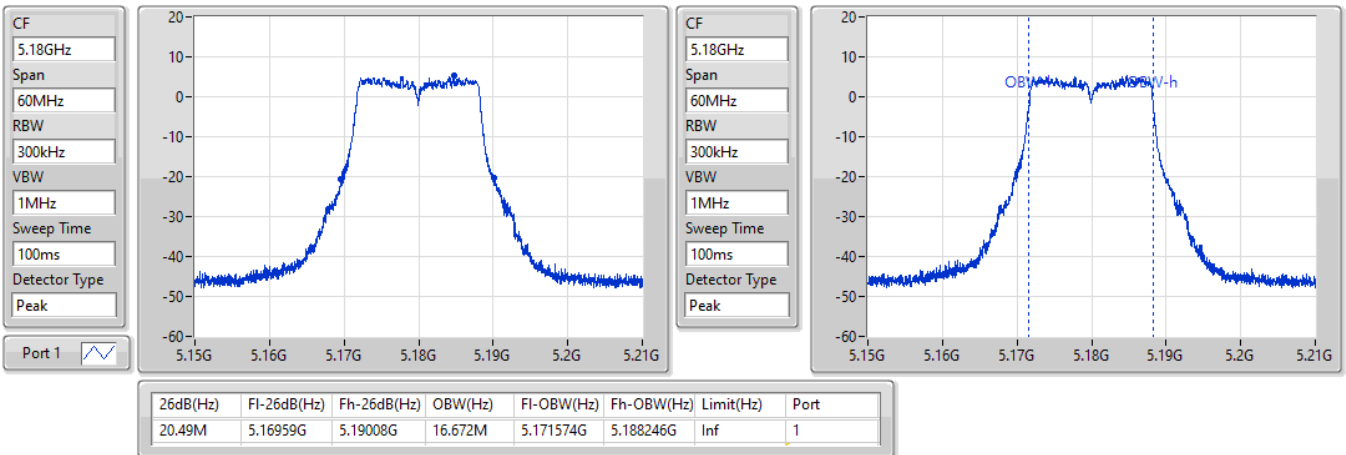
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

25/08/2022

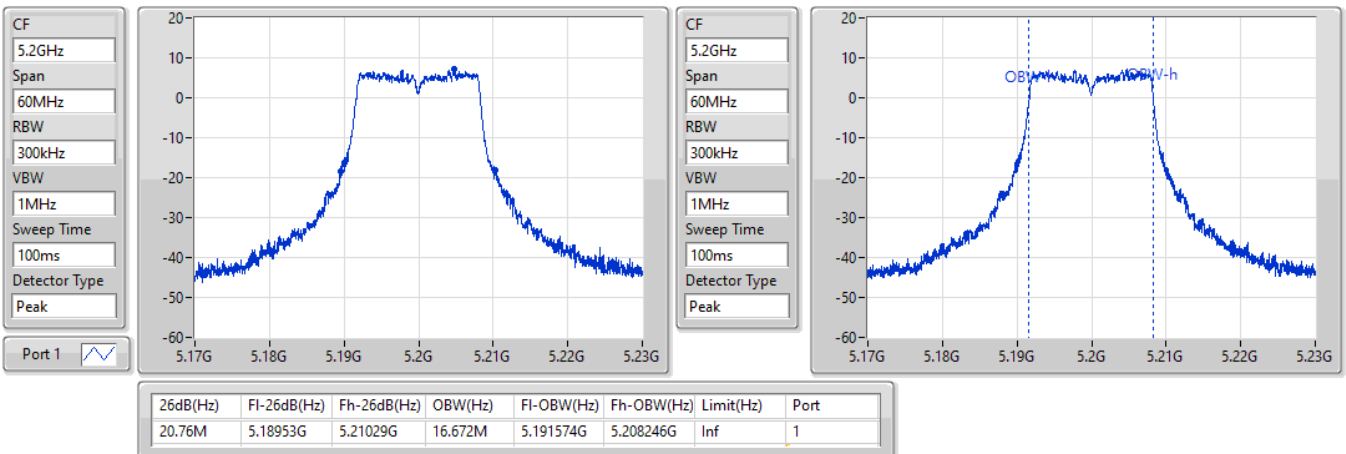


802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

25/08/2022



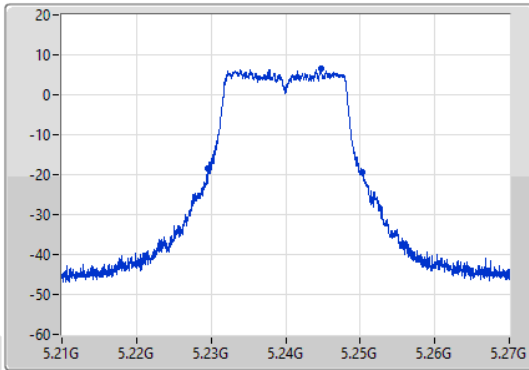
802.11a_Nss1,(6Mbps)_1TX

EBW

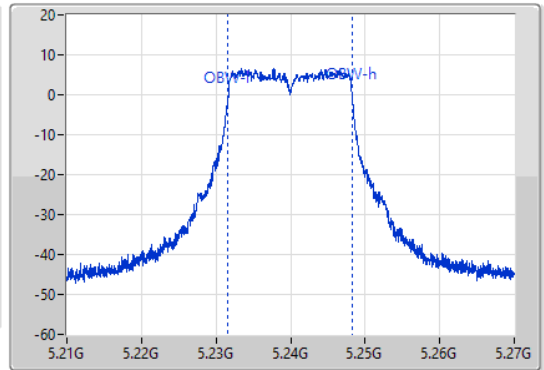
5240MHz

25/08/2022

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.22959G	5.25029G	16.672M	5.231574G	5.248246G	Inf	1

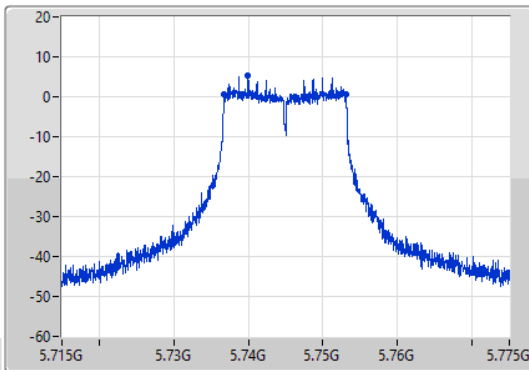
802.11a_Nss1,(6Mbps)_1TX

EBW

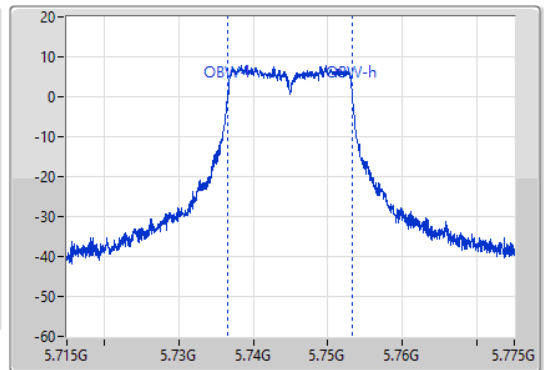
5745MHz

25/08/2022

CF: 5.745GHz
 Span: 60MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.745GHz
 Span: 60MHz
 RBW: 300kHz
 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	5.73678G	5.7531G	16.702M	5.736544G	5.753246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

25/08/2022

CF
5.745GHz

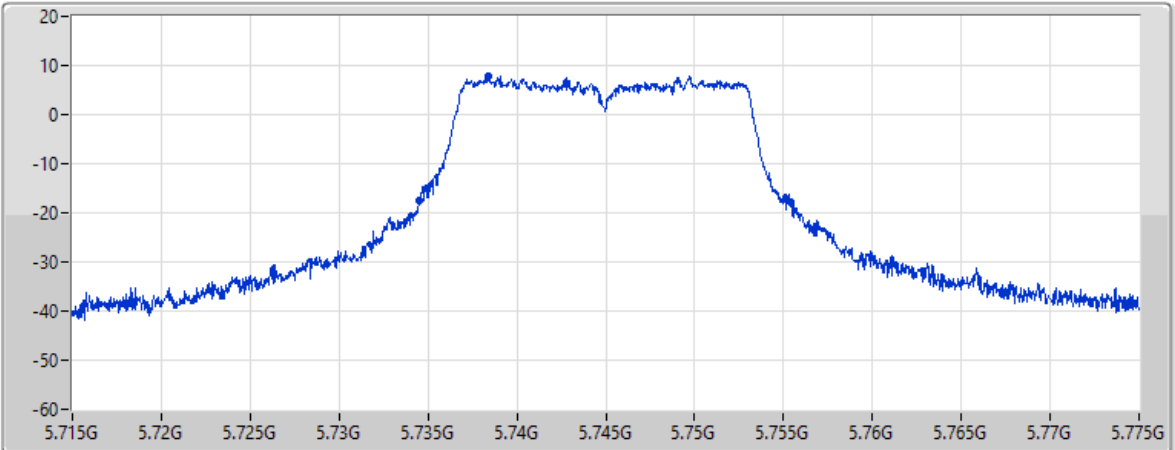
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.94M	5.73447G	5.75541G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

25/08/2022

CF
5.785GHz

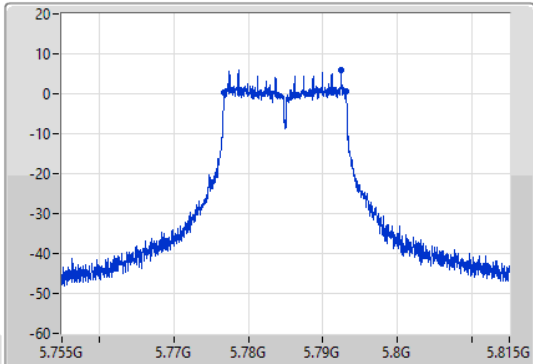
Span
60MHz

RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak



Port 1

CF
5.785GHz

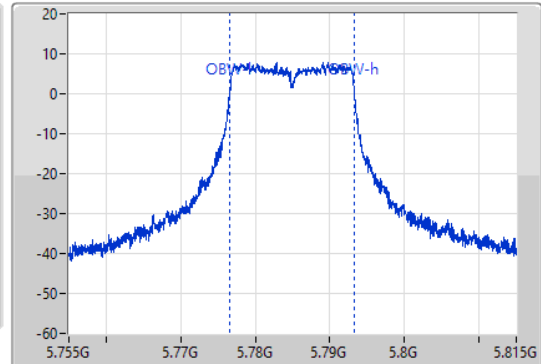
Span
60MHz

RBW
300kHz

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	5.77678G	5.7931G	16.702M	5.776544G	5.793246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

25/08/2022

CF
5.785GHz

Span
60MHz

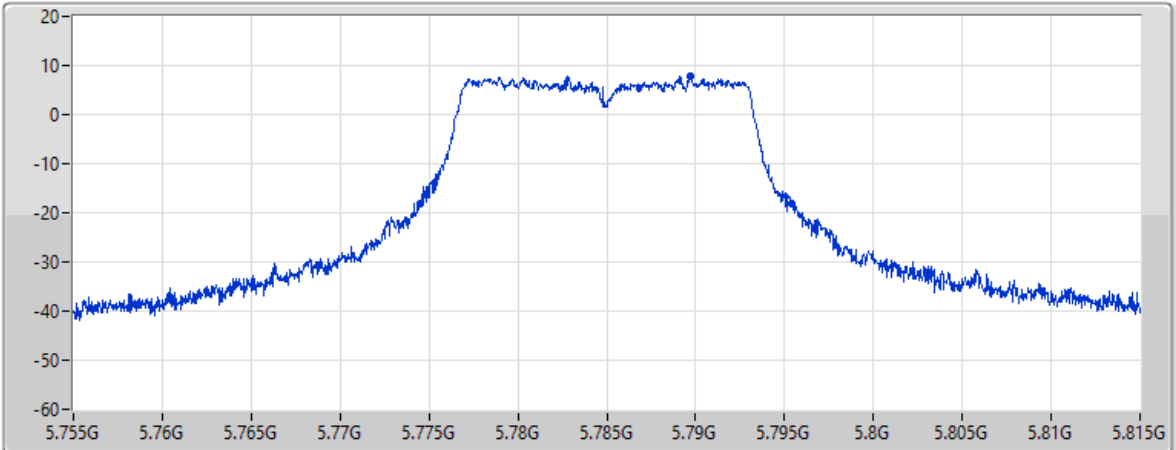
RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1 



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.91M	5.77453G	5.79544G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

25/08/2022

CF
5.825GHz


Span
60MHz

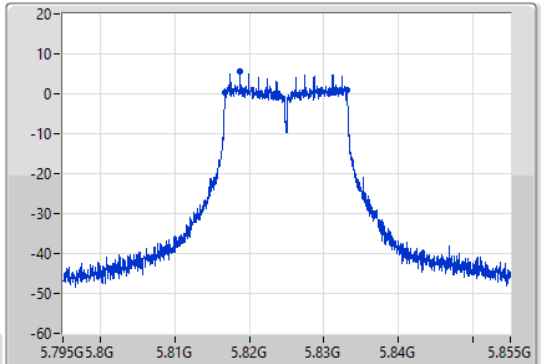
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 1 



CF
5.825GHz

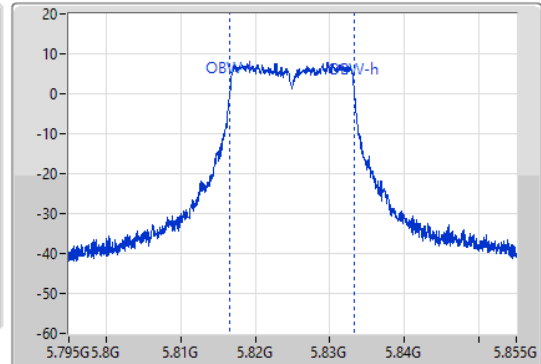
Span
60MHz

RBW
300kHz

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	5.81678G	5.8331G	16.672M	5.816574G	5.833246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

25/08/2022

CF
5.825GHz

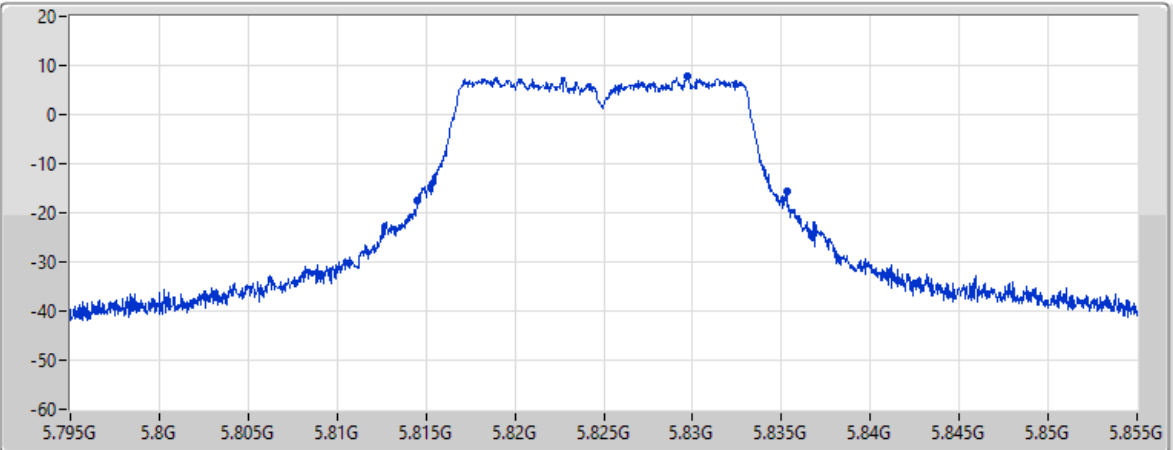
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.79M	5.8145G	5.83529G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

25/08/2022

CF
5.18GHz

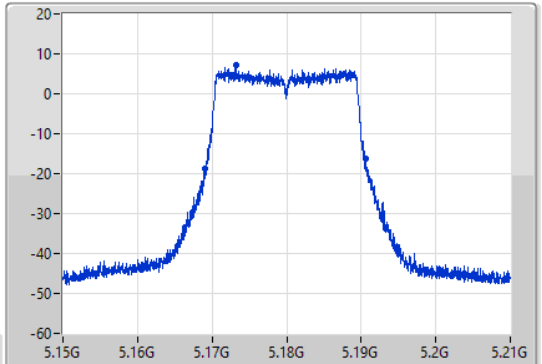
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



CF
5.18GHz

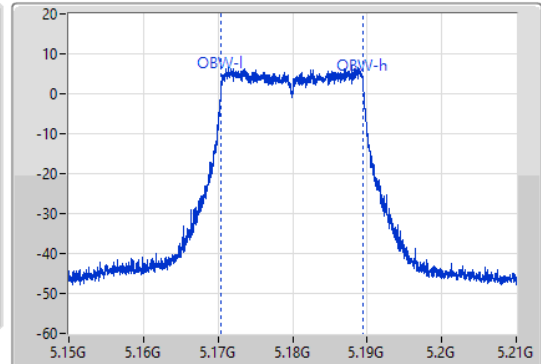
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



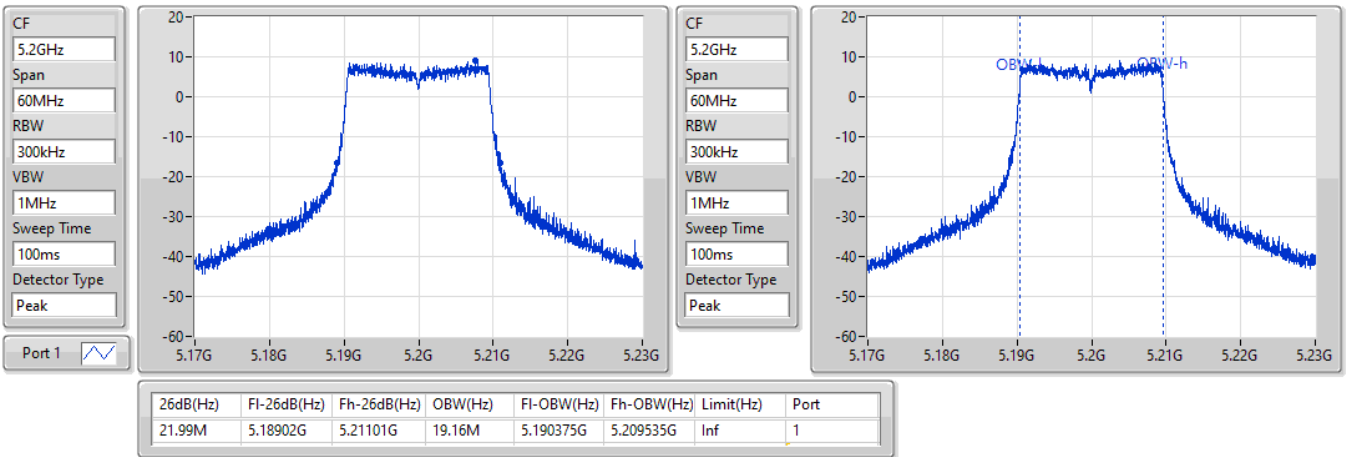
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.16911G	5.19068G	19.1M	5.170405G	5.189505G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

25/08/2022

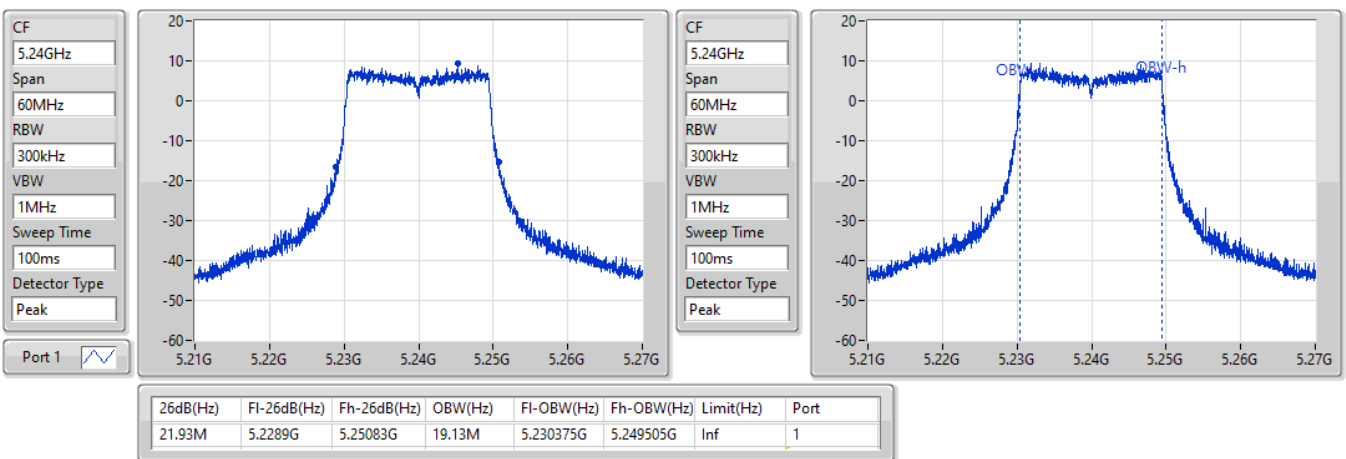


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

25/08/2022

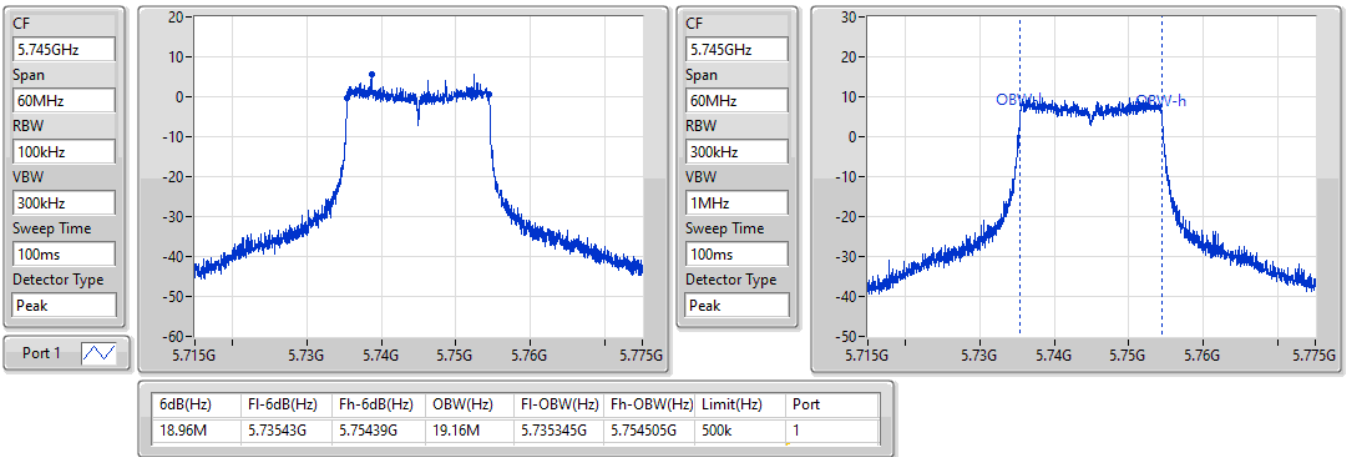


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5745MHz

25/08/2022

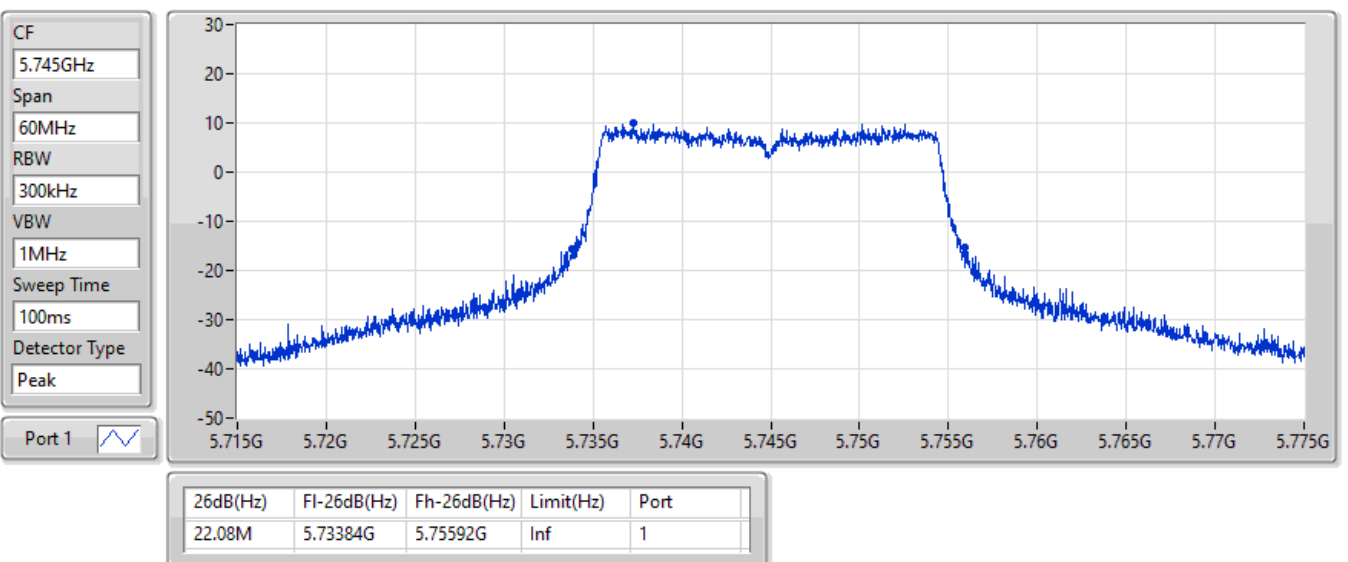


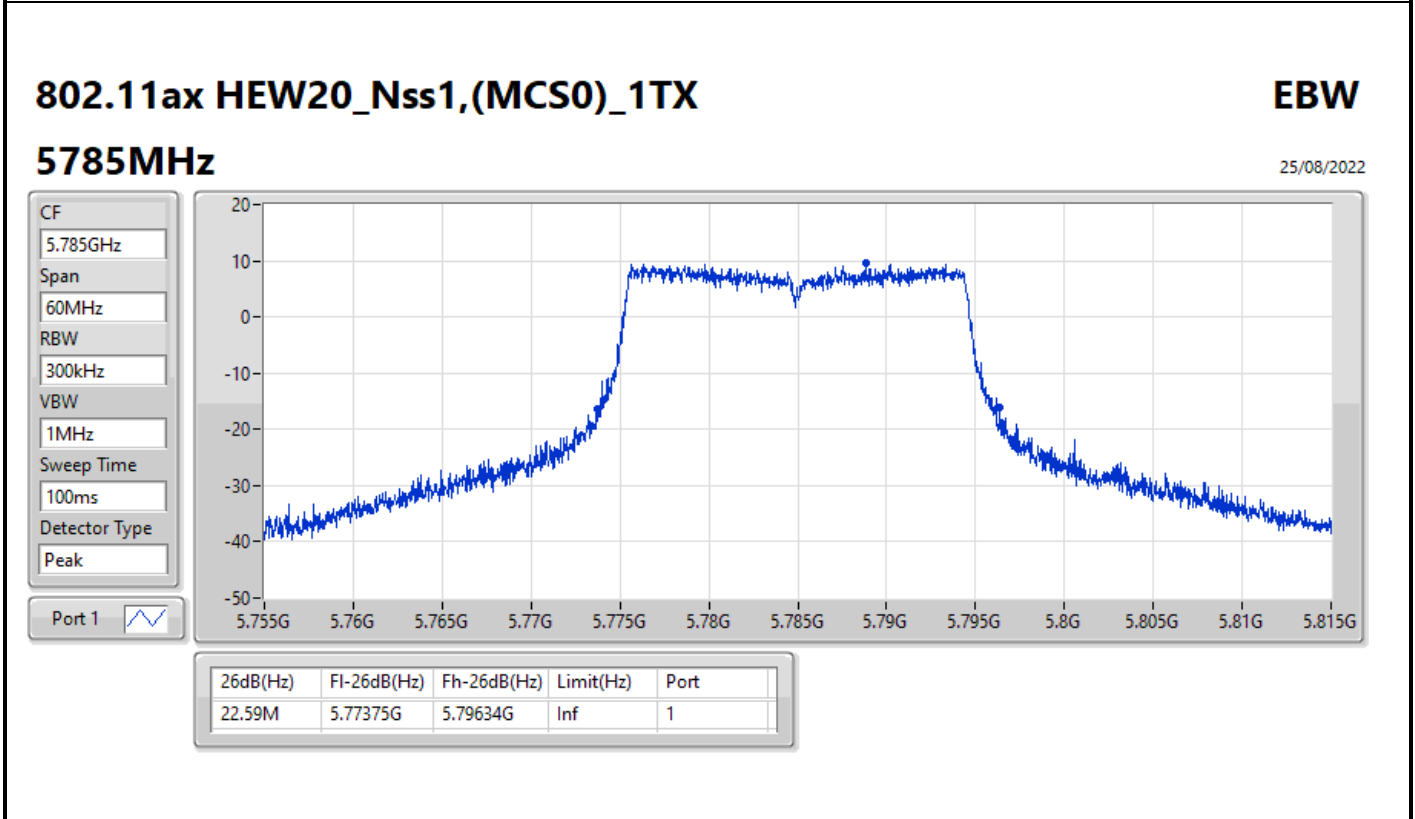
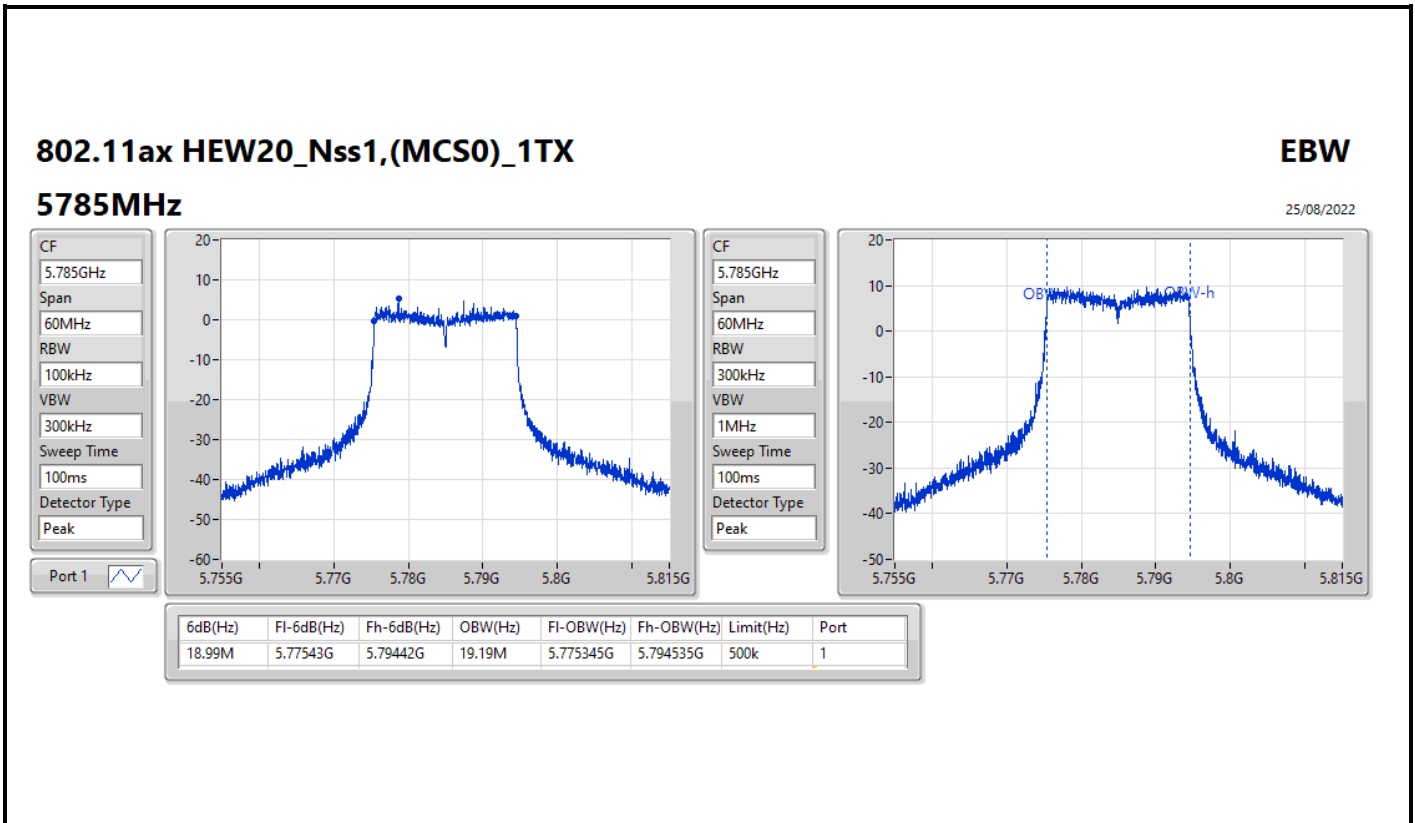
802.11ax HEW20_Nss1,(MCS0)_1TX

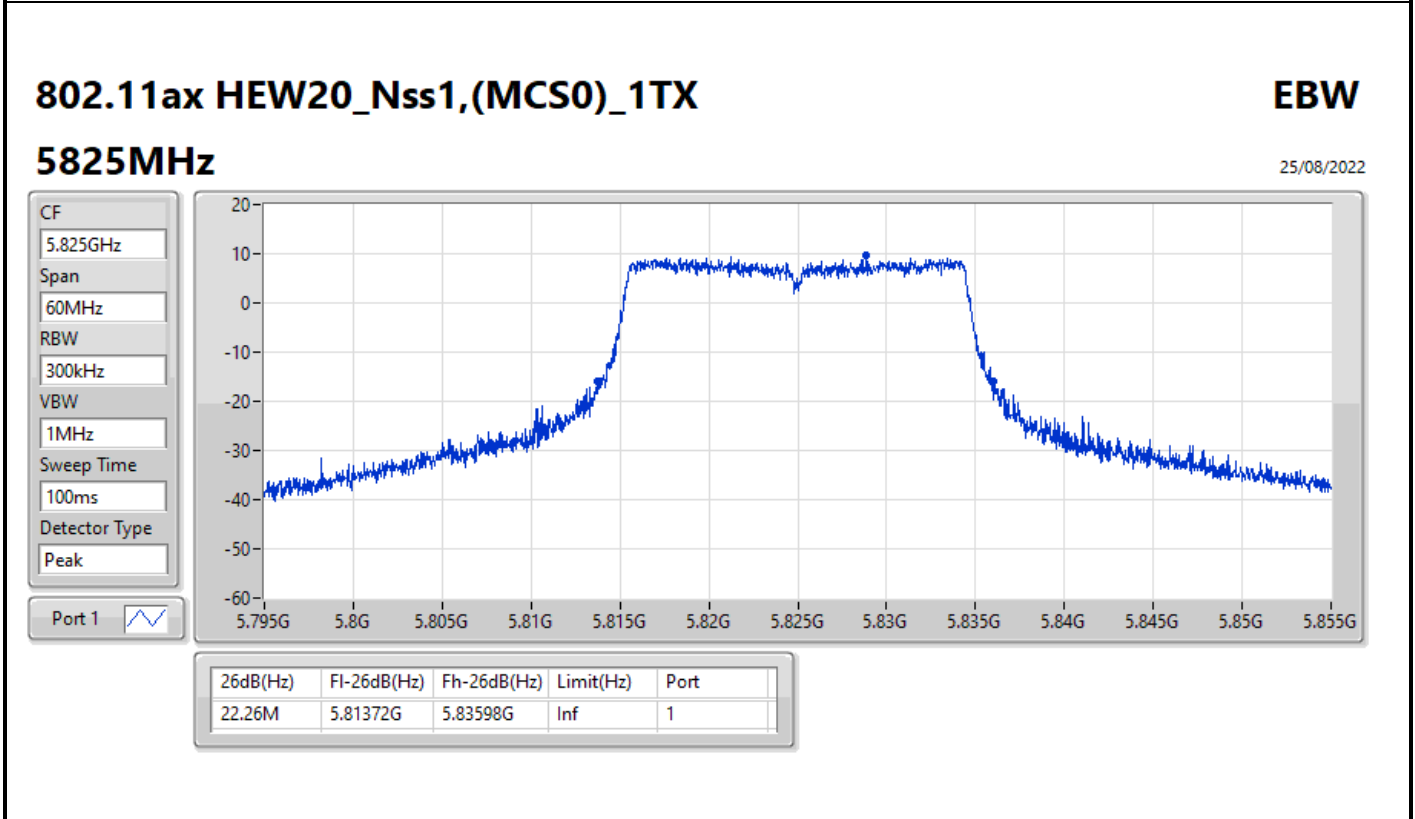
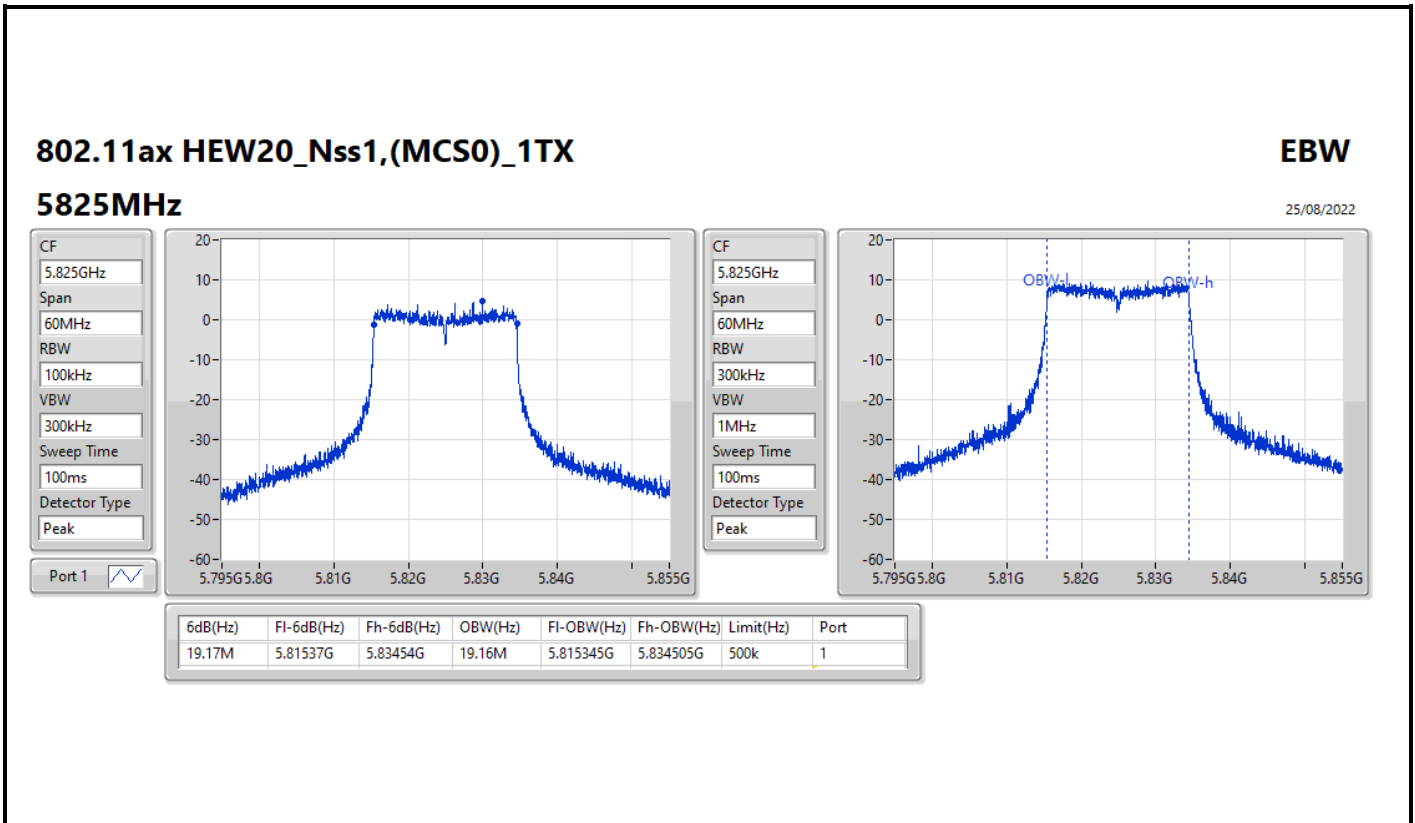
EBW

5745MHz

25/08/2022





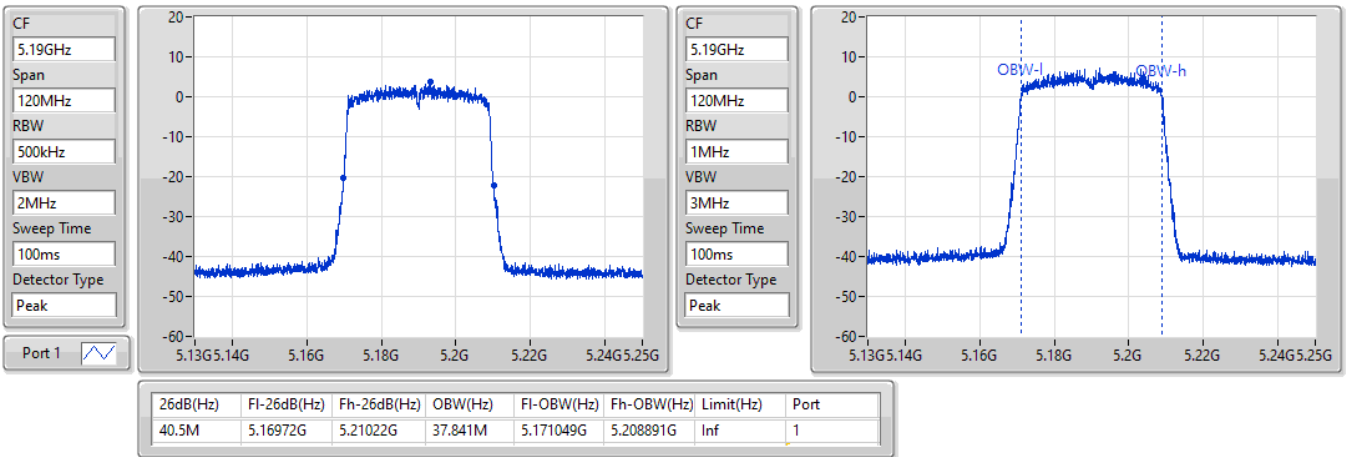


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

25/08/2022

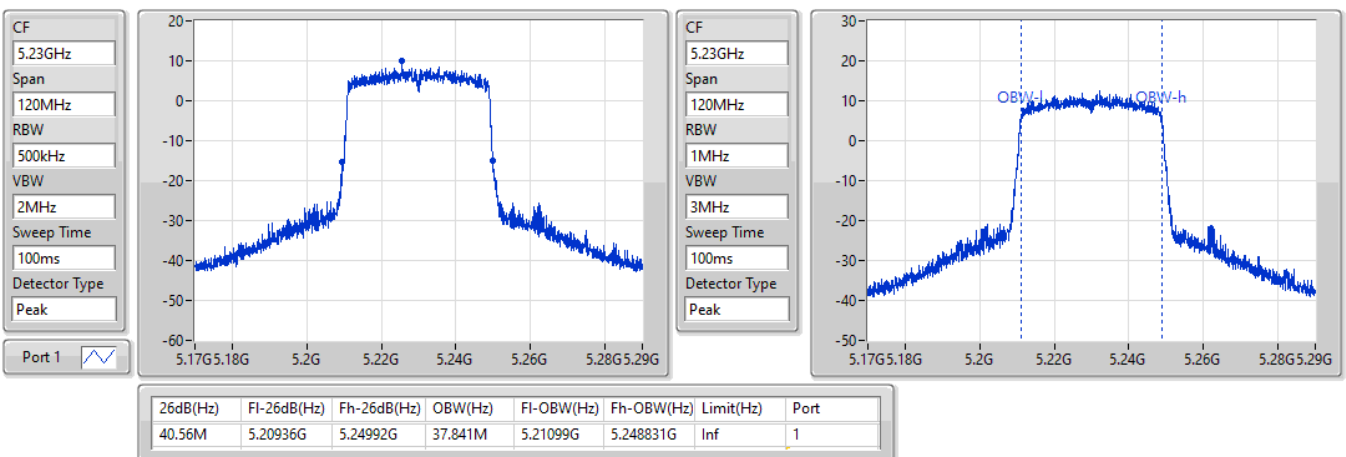


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

25/08/2022

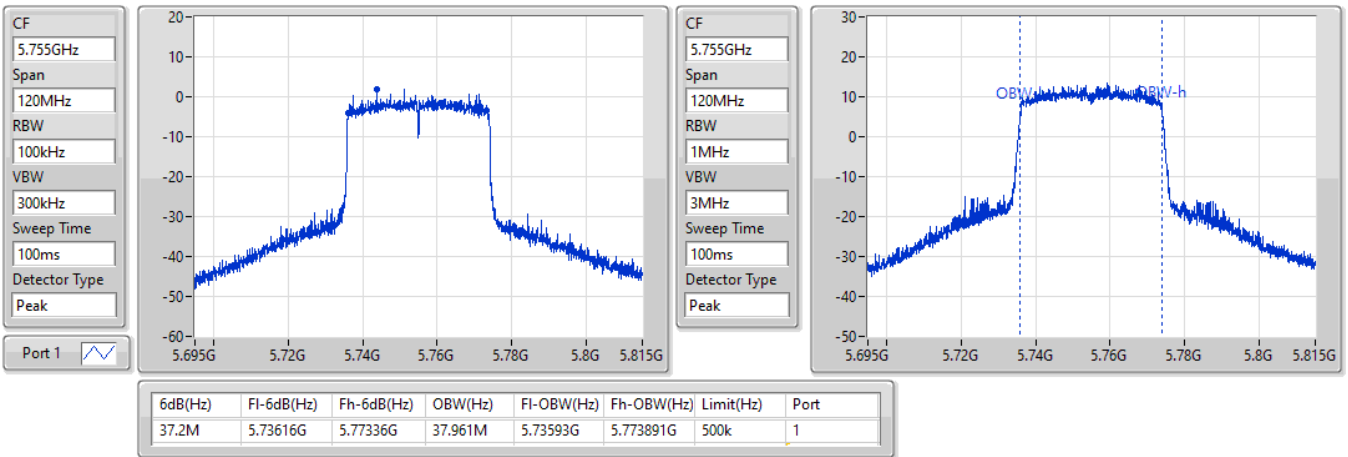


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5755MHz

25/08/2022

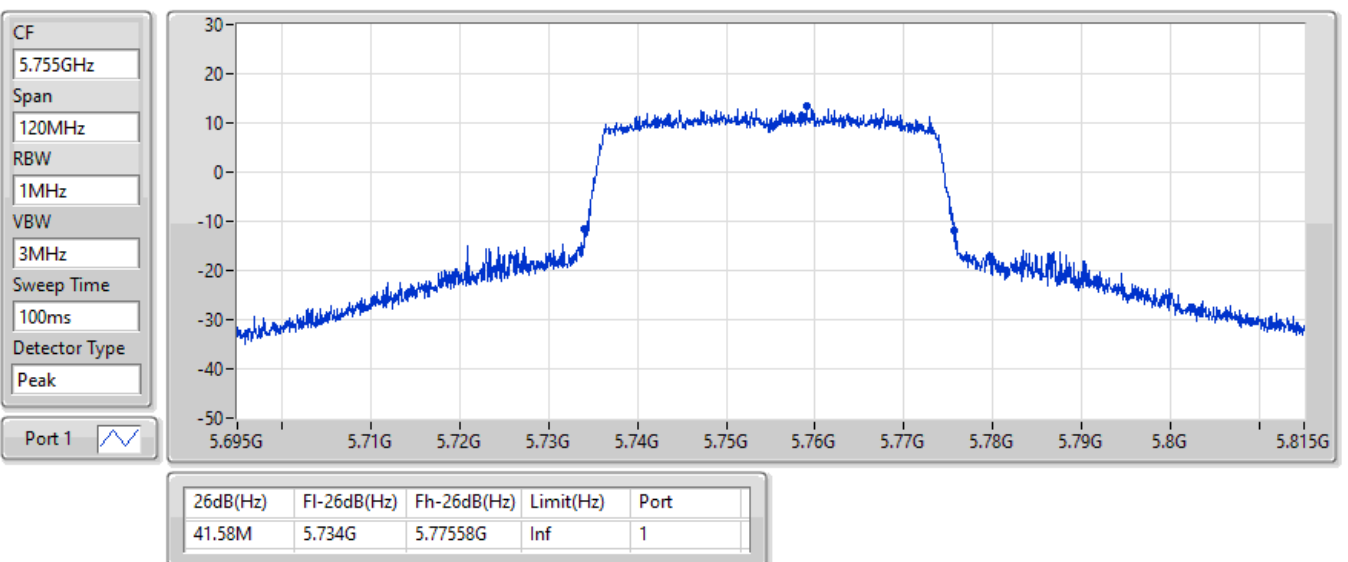


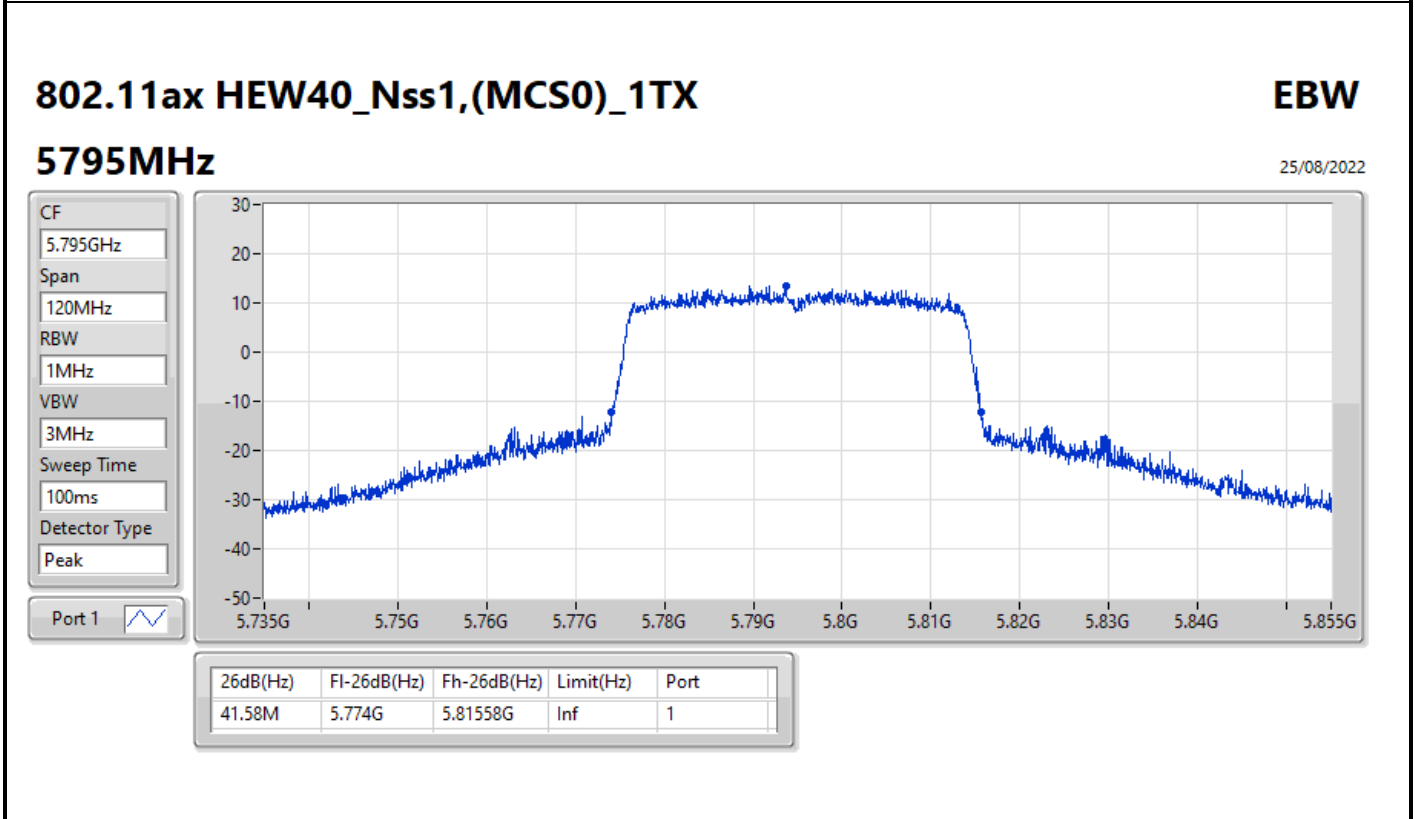
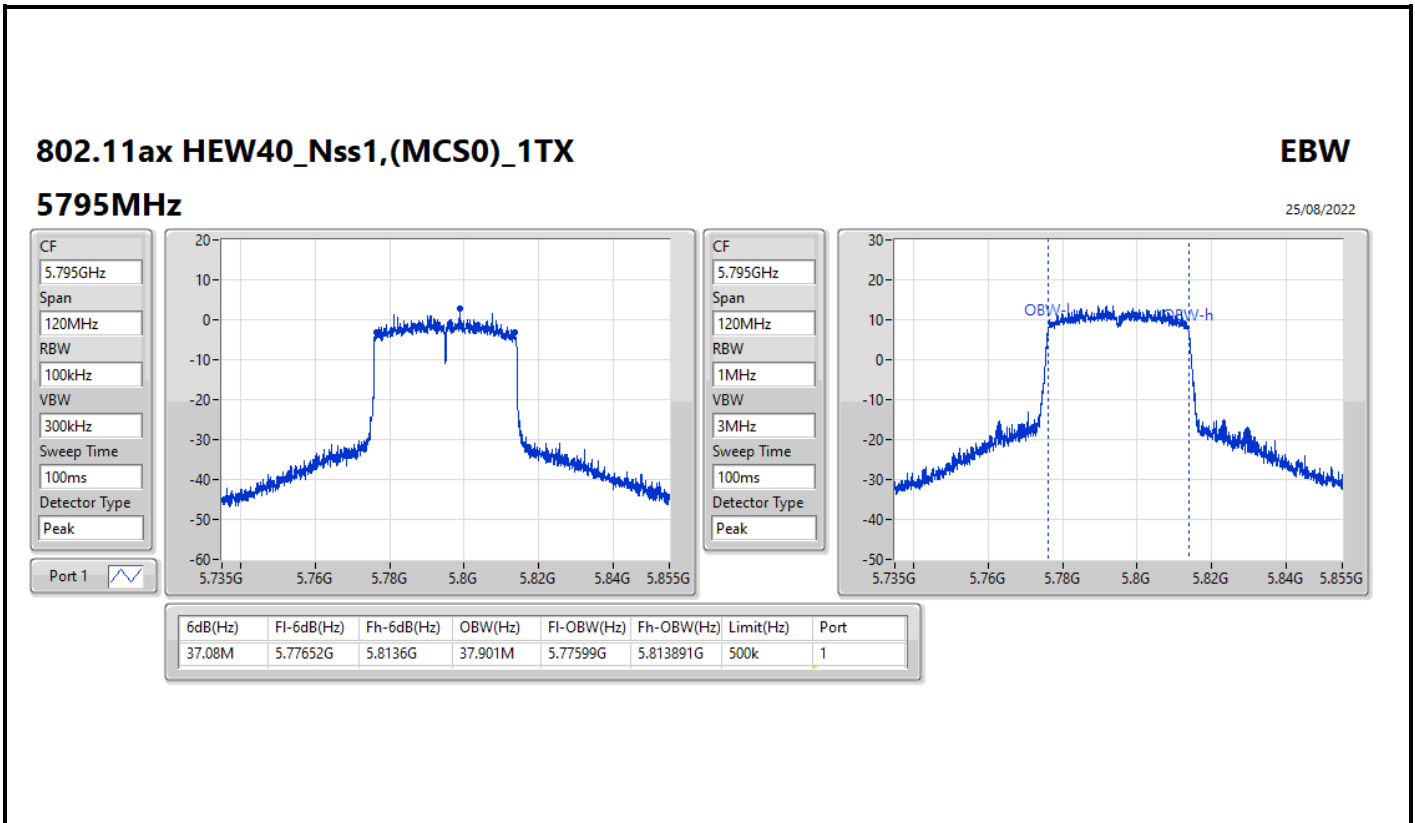
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5755MHz

25/08/2022



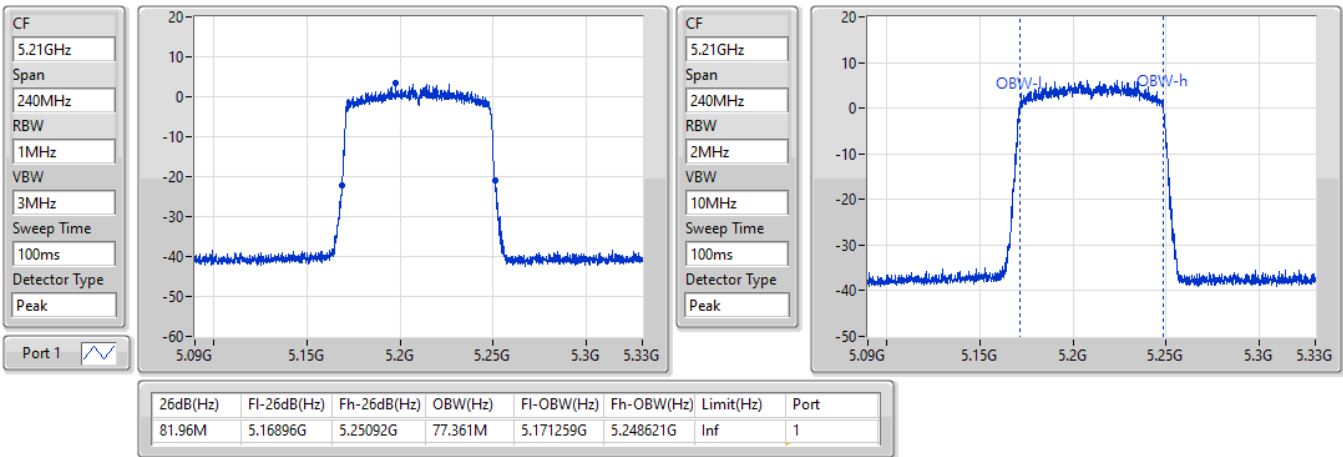


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

25/08/2022

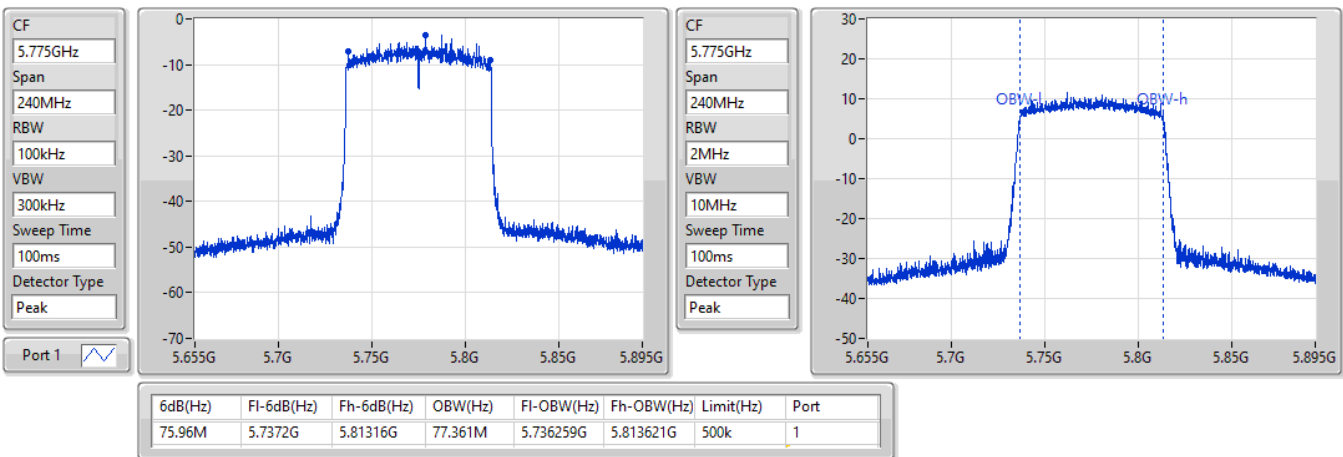


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

25/08/2022

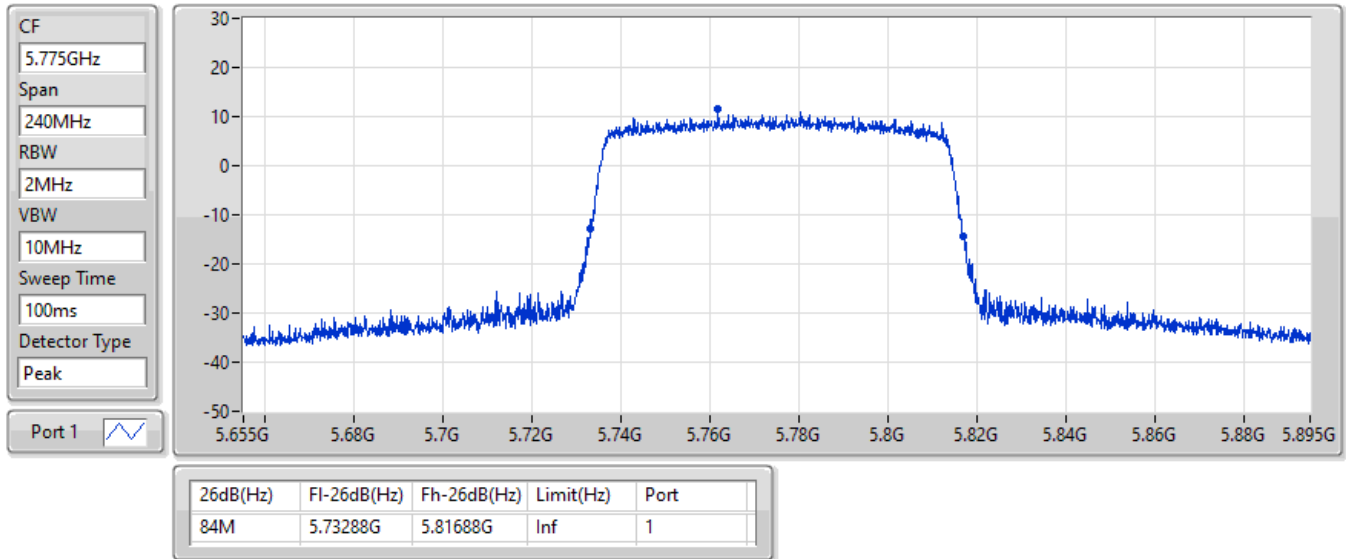


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

25/08/2022





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.76M	16.672M	16M7D1D	20.49M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.99M	19.16M	19M2D1D	21.57M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.56M	37.841M	37M8D1D	40.5M	37.841M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.96M	77.361M	77M4D1D	81.96M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.32M	16.702M	16M7D1D	16.32M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.17M	19.19M	19M2D1D	18.96M	19.16M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.2M	37.961M	38MOD1D	37.08M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	75.96M	77.361M	77M4D1D	75.96M	77.361M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.49M	16.672M
5200MHz	Pass	Inf	20.76M	16.672M
5240MHz	Pass	Inf	20.7M	16.672M
5745MHz	Pass	500k	16.32M	16.702M
5785MHz	Pass	500k	16.32M	16.702M
5825MHz	Pass	500k	16.32M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	21.57M	19.1M
5200MHz	Pass	Inf	21.99M	19.16M
5240MHz	Pass	Inf	21.93M	19.13M
5745MHz	Pass	500k	18.96M	19.16M
5785MHz	Pass	500k	18.99M	19.19M
5825MHz	Pass	500k	19.17M	19.16M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.841M
5230MHz	Pass	Inf	40.56M	37.841M
5755MHz	Pass	500k	37.2M	37.961M
5795MHz	Pass	500k	37.08M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.96M	77.361M
5775MHz	Pass	500k	75.96M	77.361M

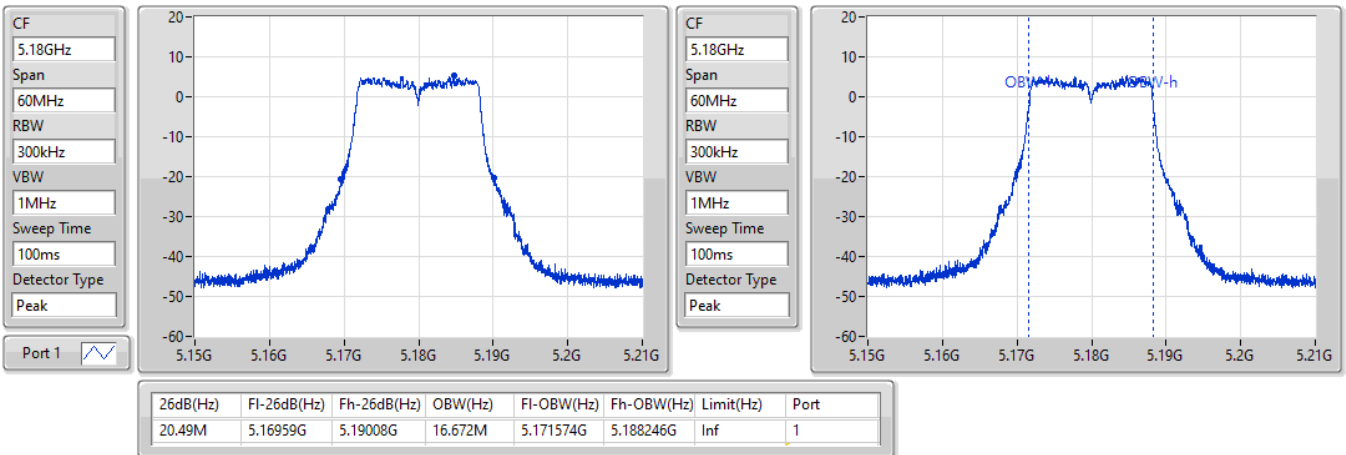
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

25/08/2022

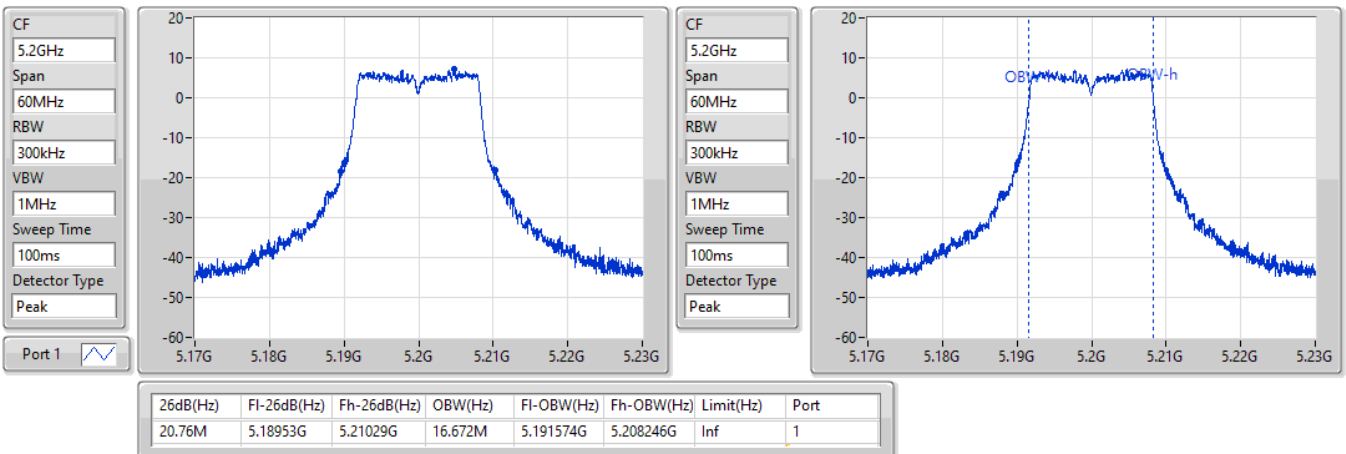


802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

25/08/2022



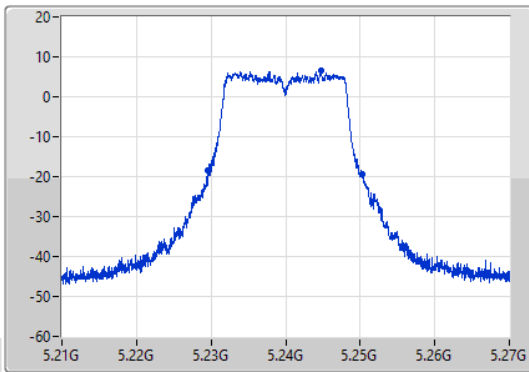
802.11a_Nss1,(6Mbps)_1TX

EBW

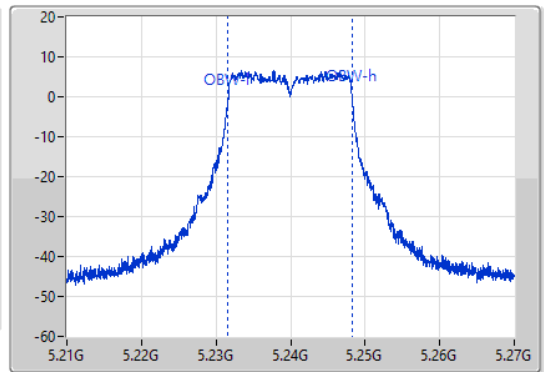
5240MHz

25/08/2022

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



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



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.22959G	5.25029G	16.672M	5.231574G	5.248246G	Inf	1

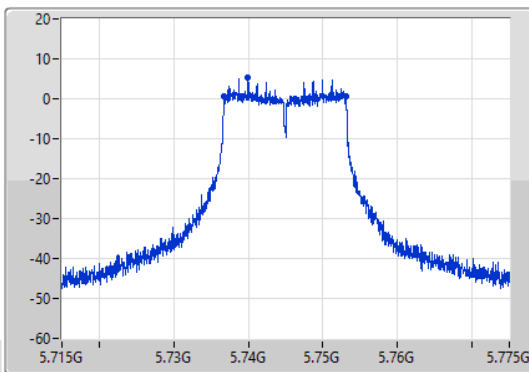
802.11a_Nss1,(6Mbps)_1TX

EBW

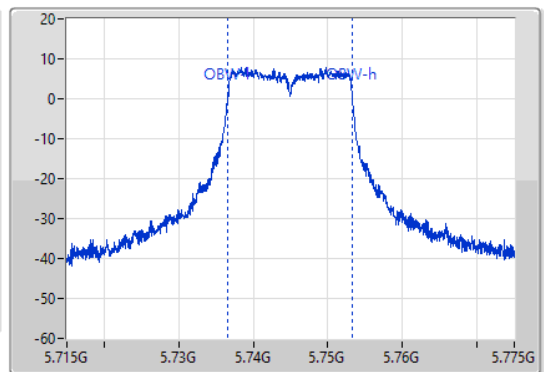
5745MHz

25/08/2022

CF: 5.745GHz
 Span: 60MHz
 RBW: 100kHz
 VBW: 300kHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.745GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



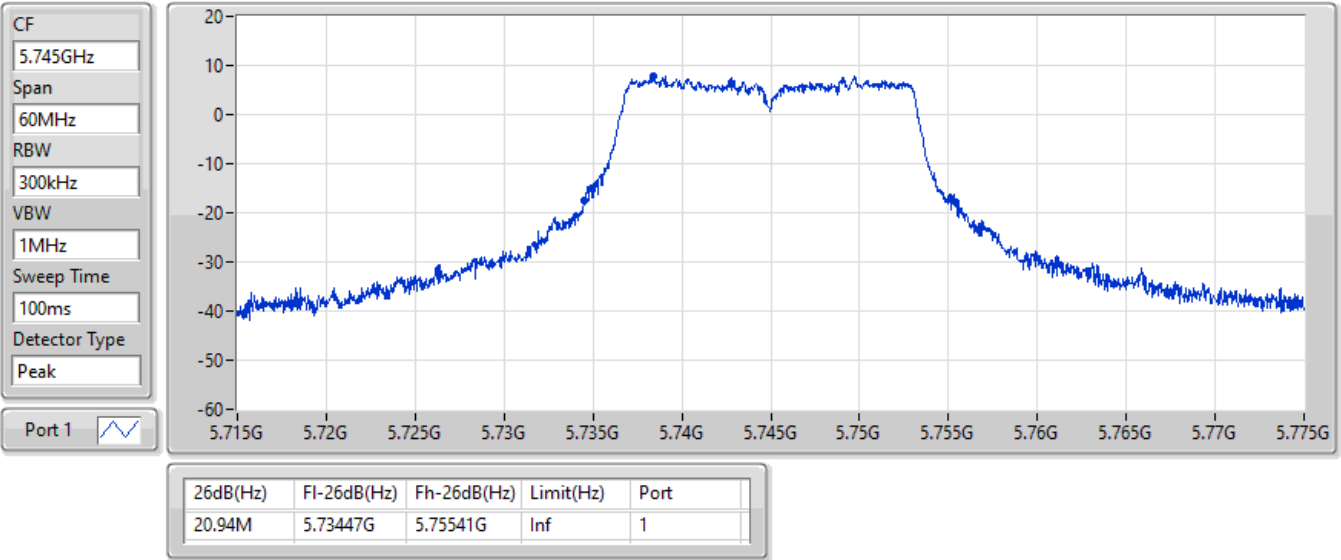
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73678G	5.7531G	16.702M	5.736544G	5.753246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

25/08/2022

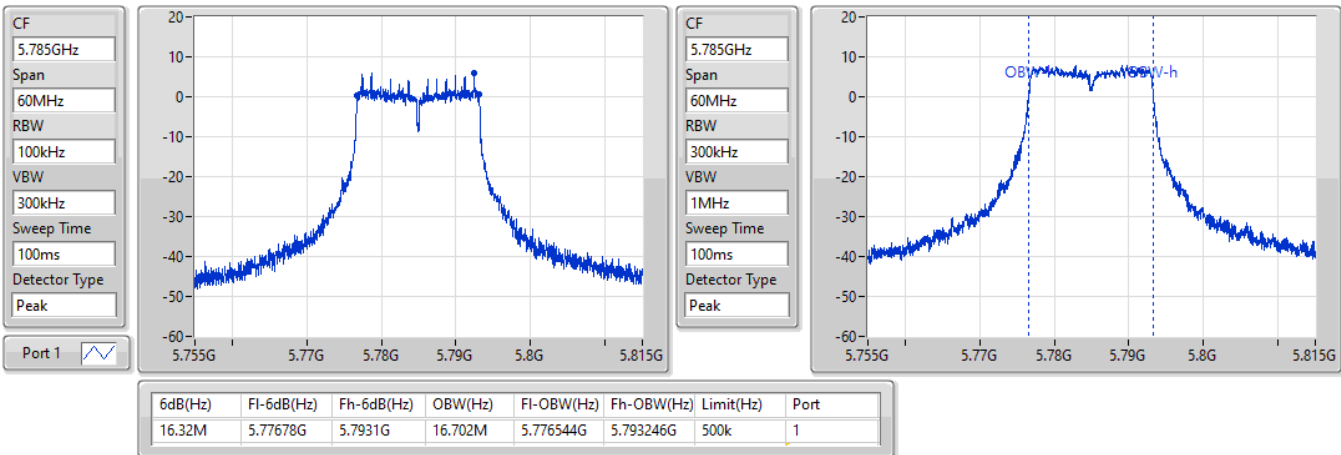


802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

25/08/2022



802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

25/08/2022

CF
5.785GHz

Span
60MHz

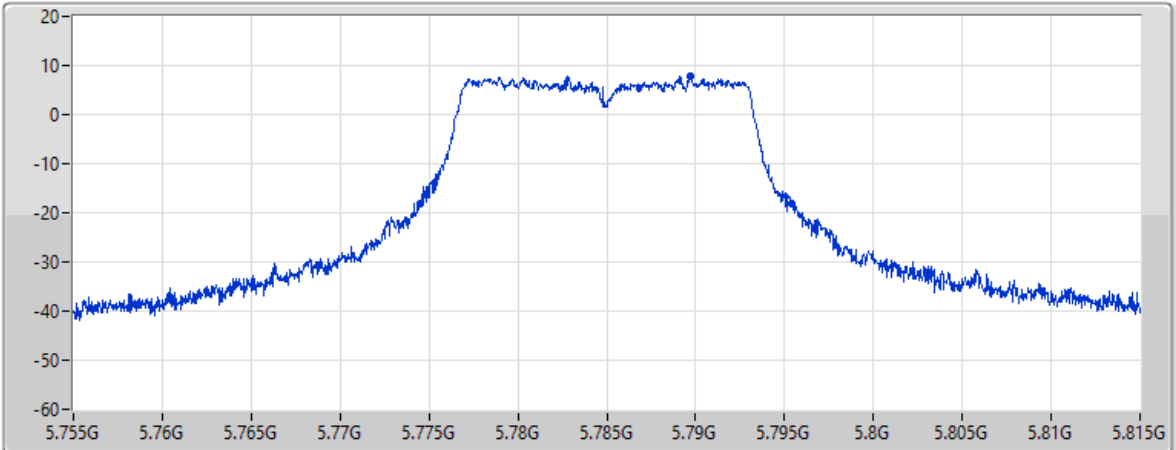
RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1 



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.91M	5.77453G	5.79544G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

25/08/2022

CF
5.825GHz


Span
60MHz

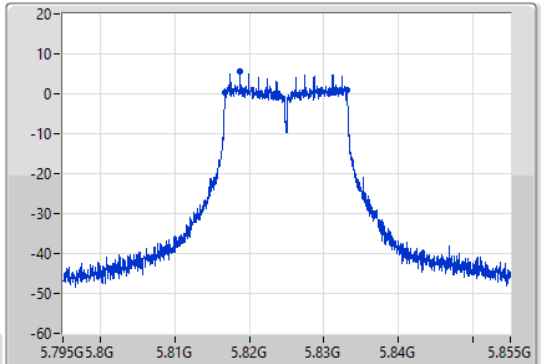
RBW
100kHz

VBW
300kHz

Sweep Time
100ms

Detector Type
Peak

Port 1 



CF
5.825GHz

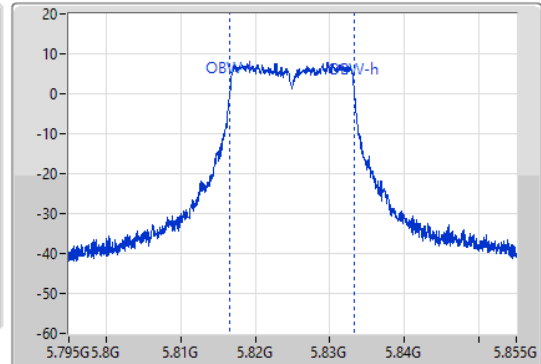
Span
60MHz

RBW
300kHz

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	5.81678G	5.8331G	16.672M	5.816574G	5.833246G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

25/08/2022

CF
5.825GHz

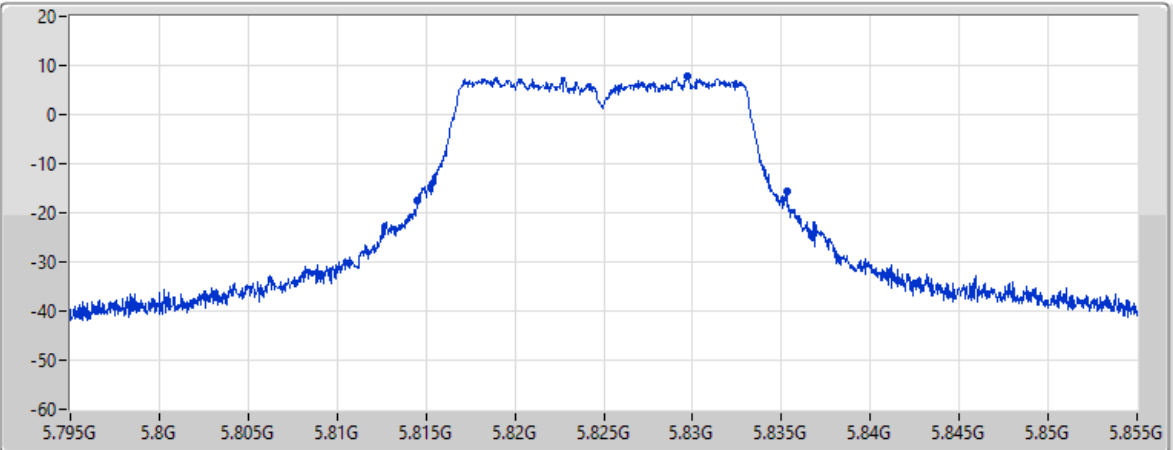
Span
60MHz


RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.79M	5.8145G	5.83529G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

25/08/2022

CF
5.18GHz

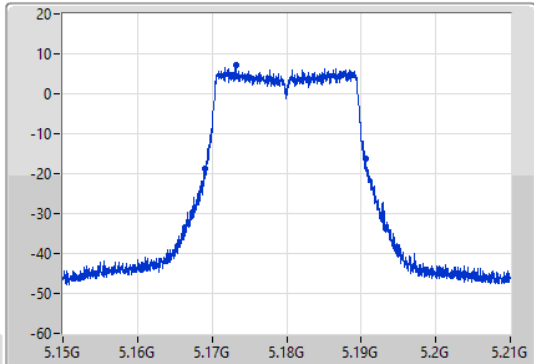
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



Port 1 

CF
5.18GHz

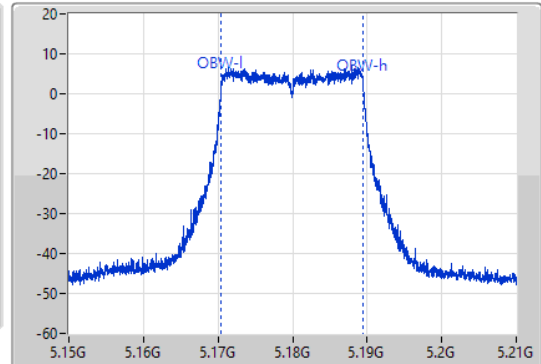
Span
60MHz

RBW
300kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



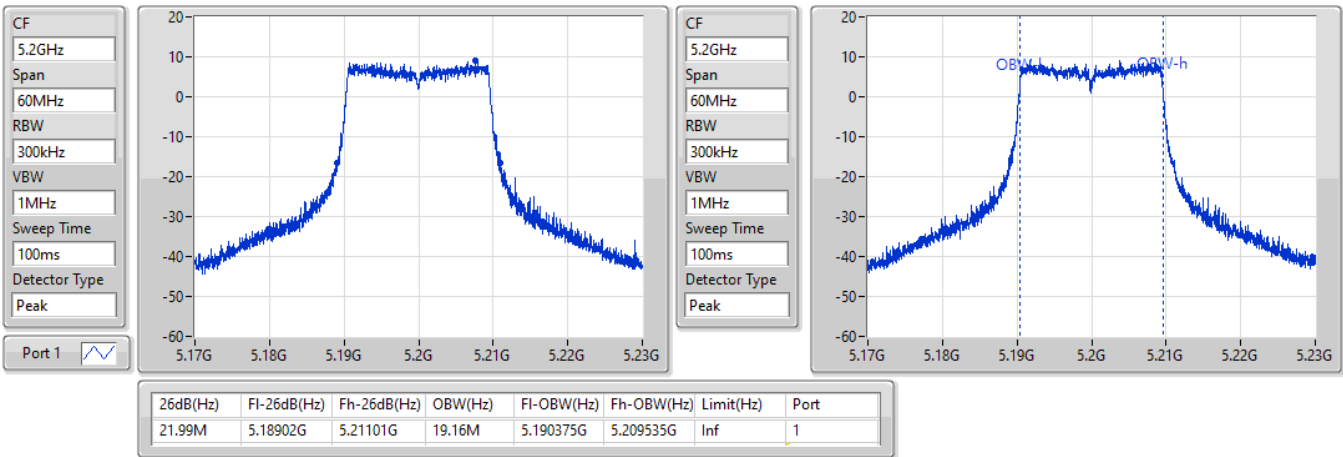
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.16911G	5.19068G	19.1M	5.170405G	5.189505G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

25/08/2022

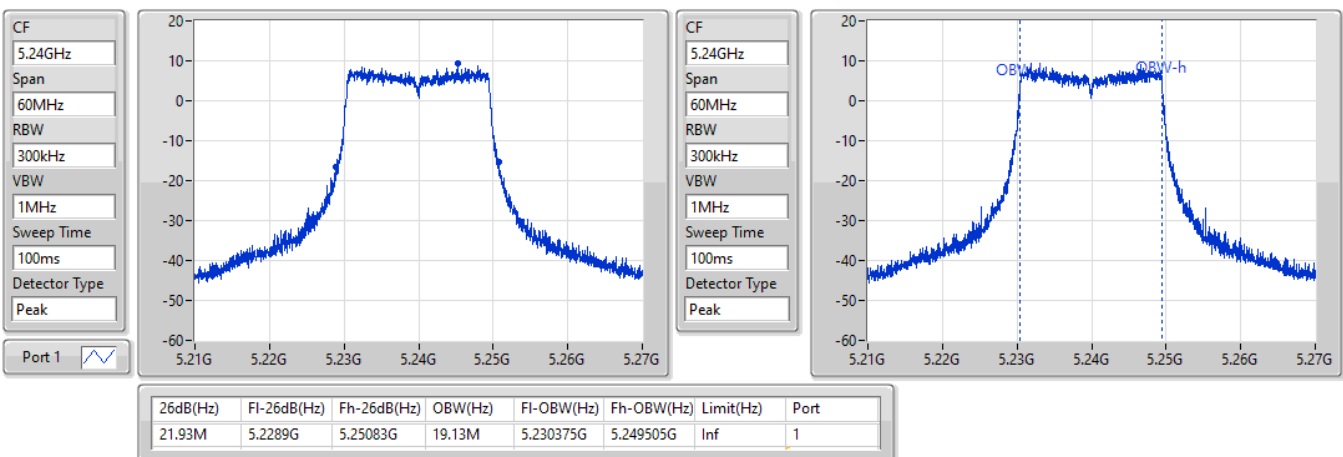


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

25/08/2022

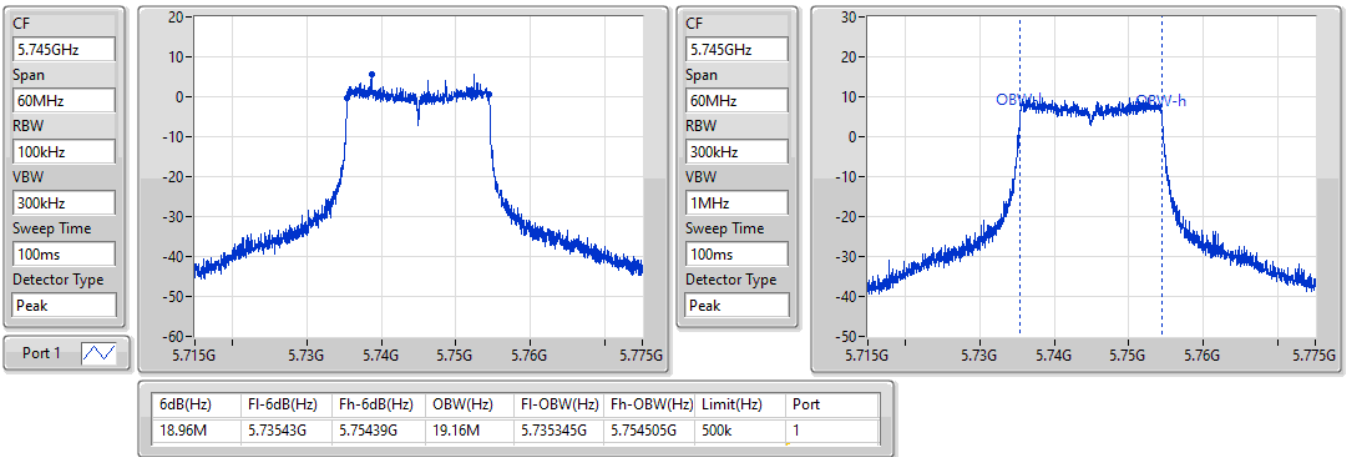


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5745MHz

25/08/2022

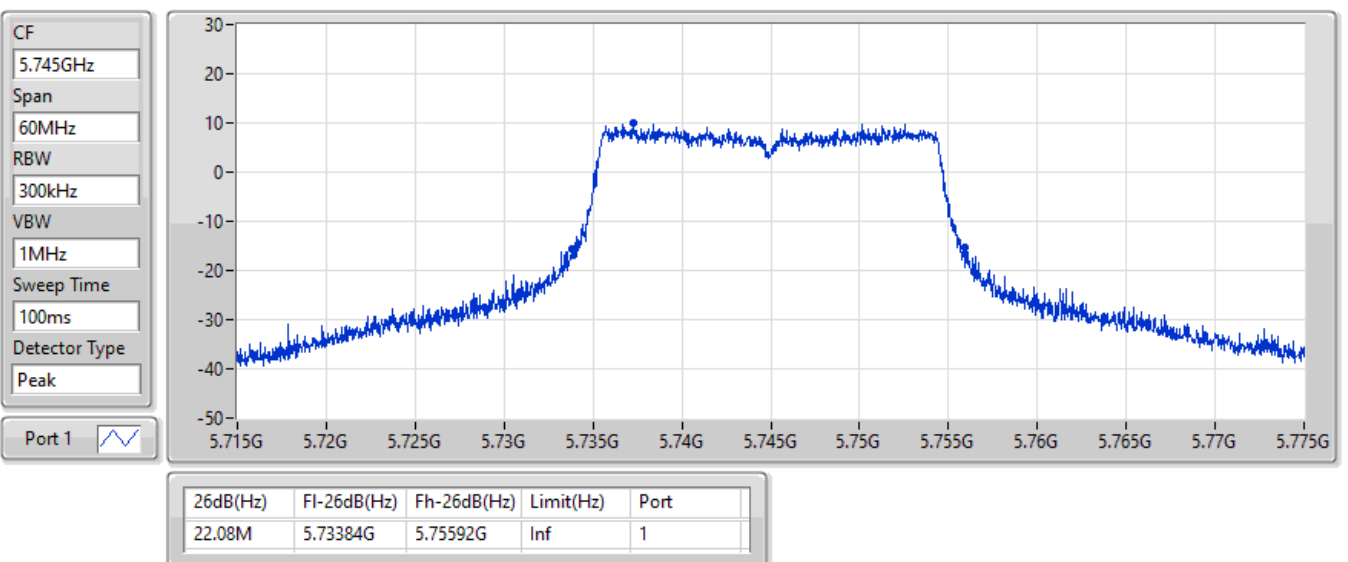


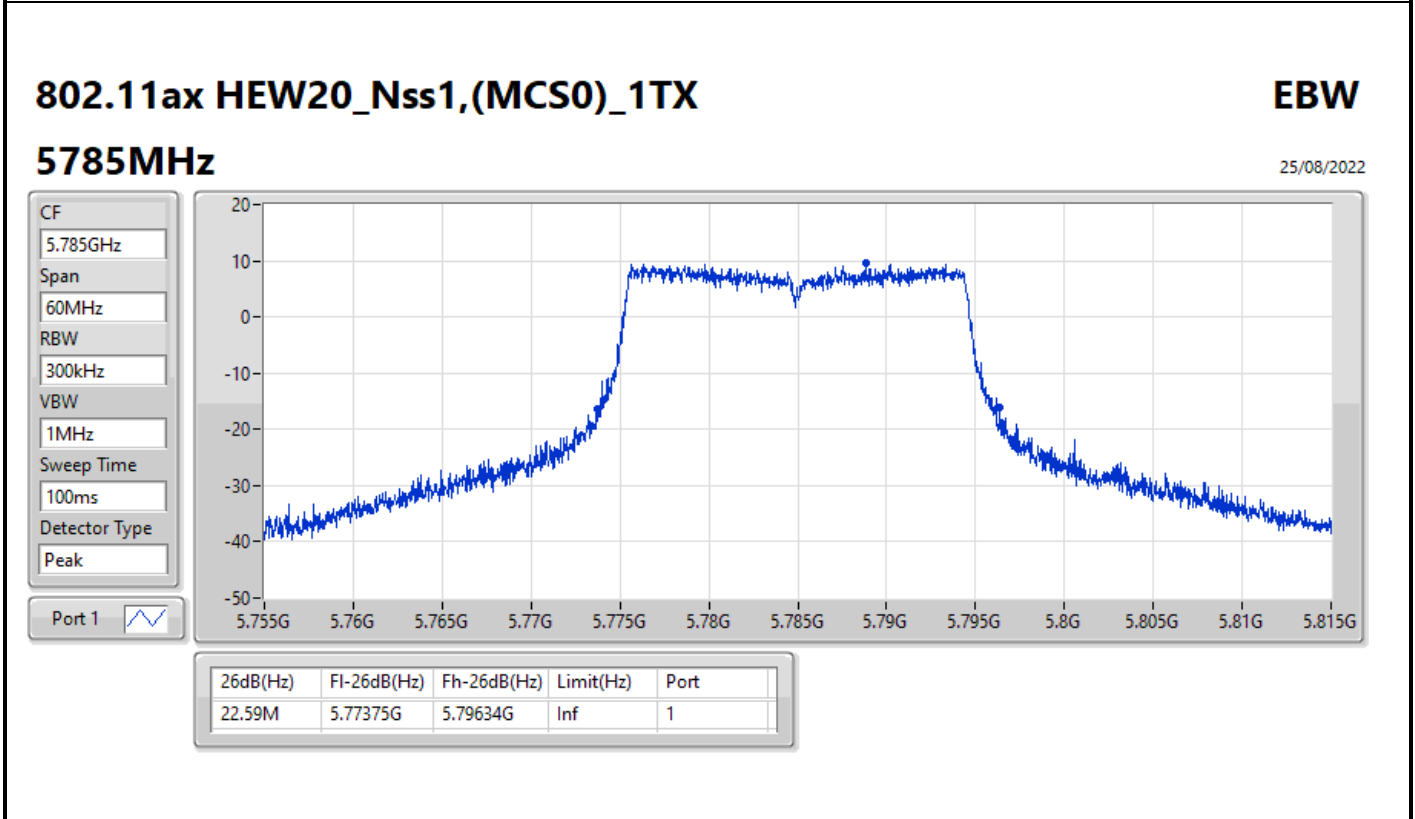
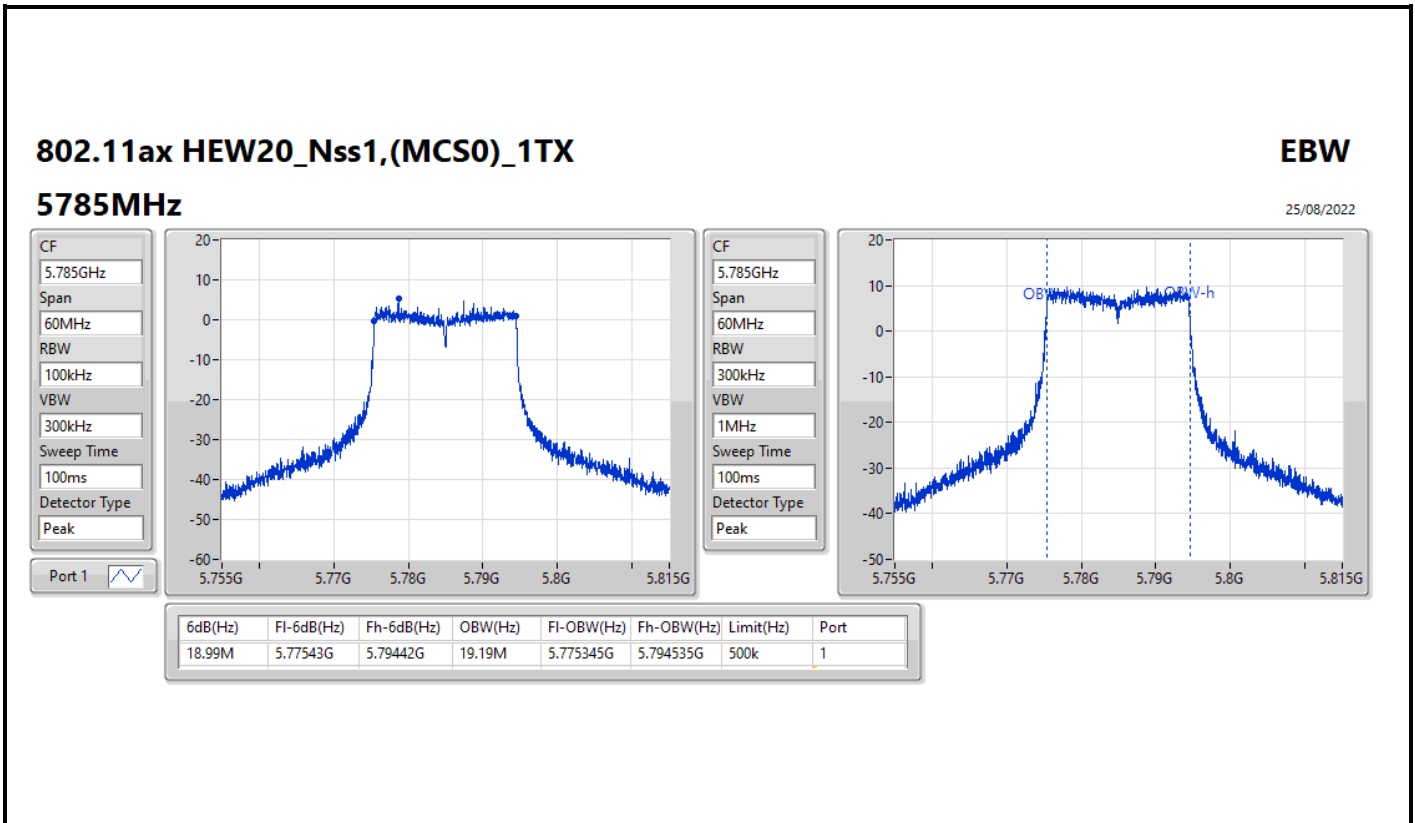
802.11ax HEW20_Nss1,(MCS0)_1TX

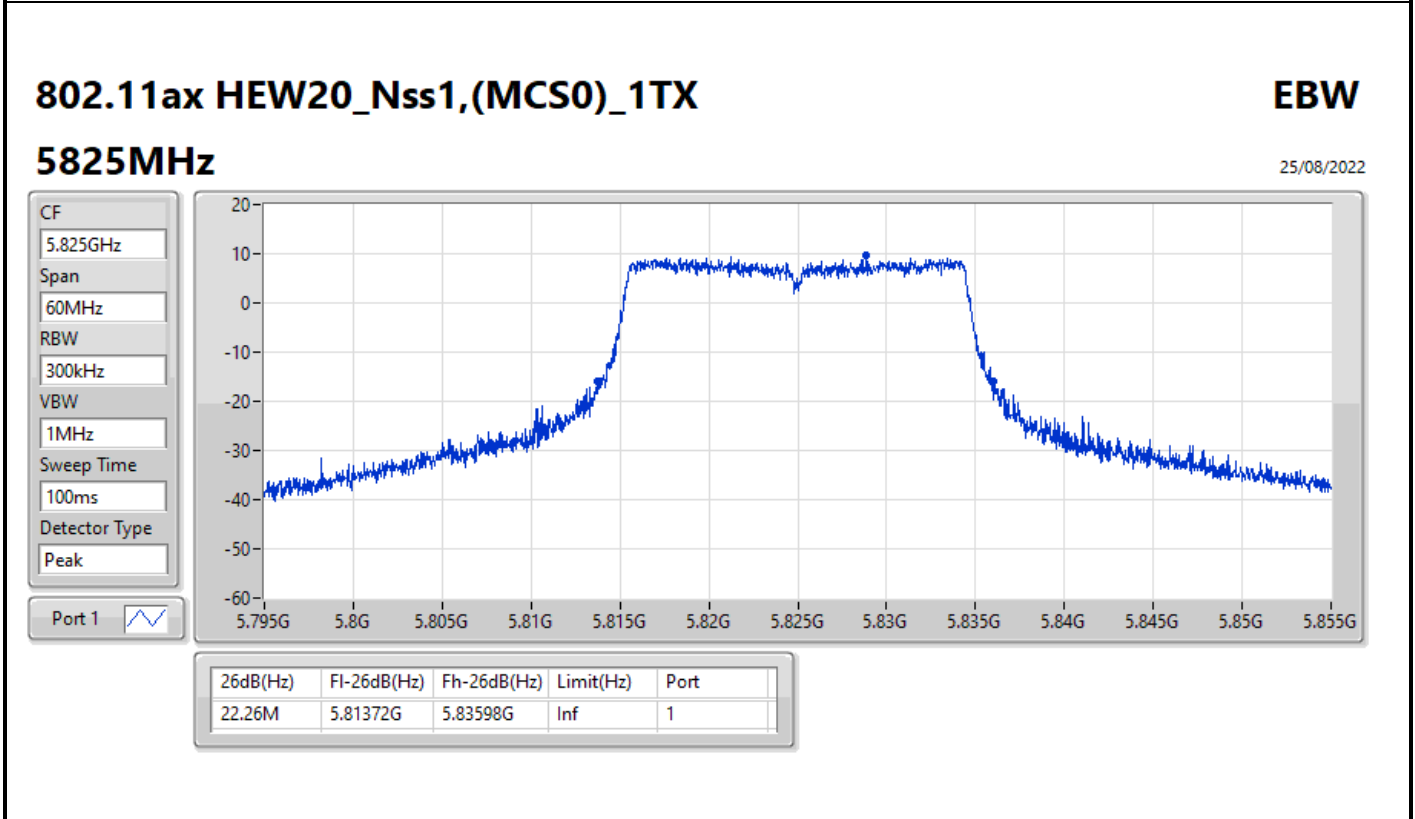
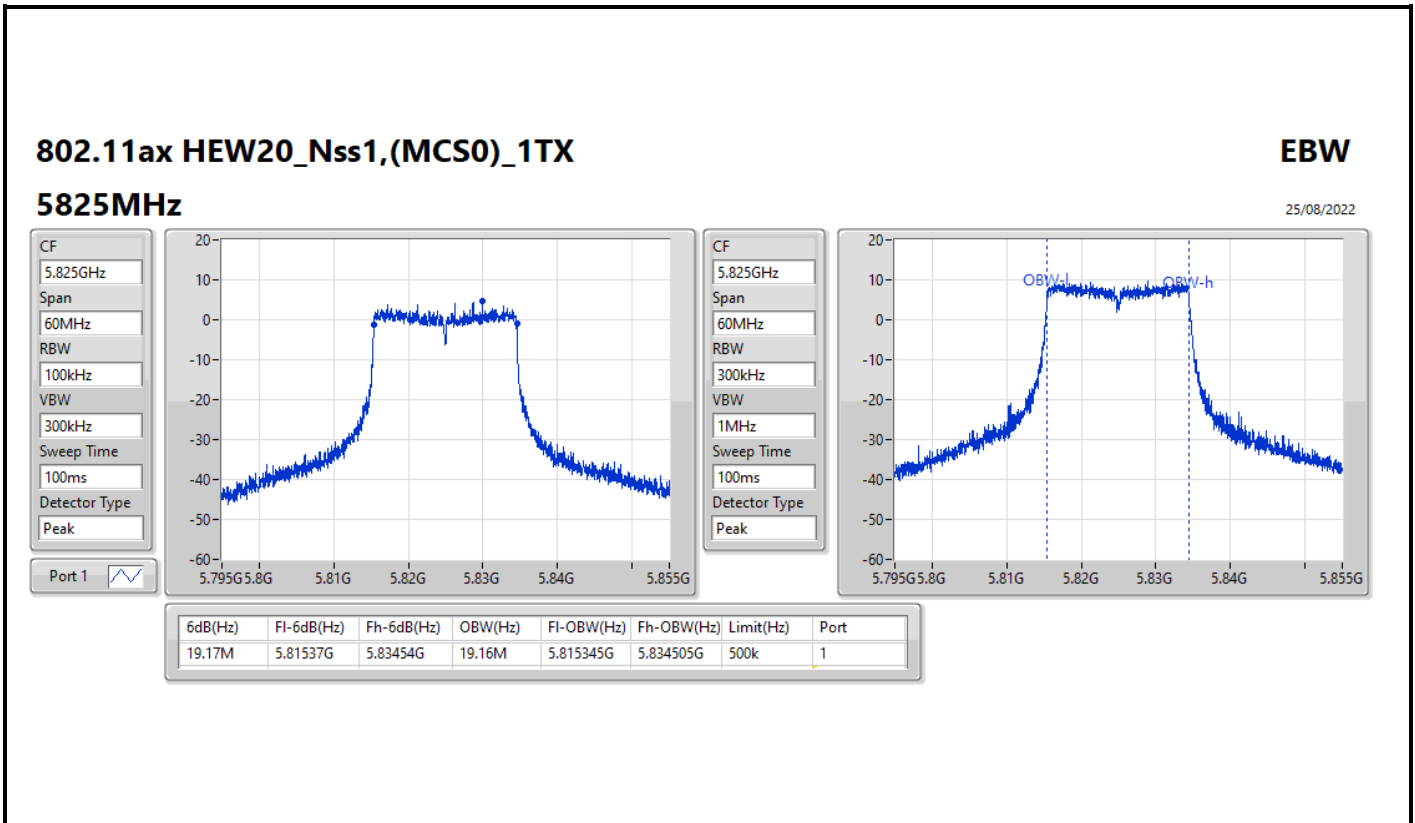
EBW

5745MHz

25/08/2022





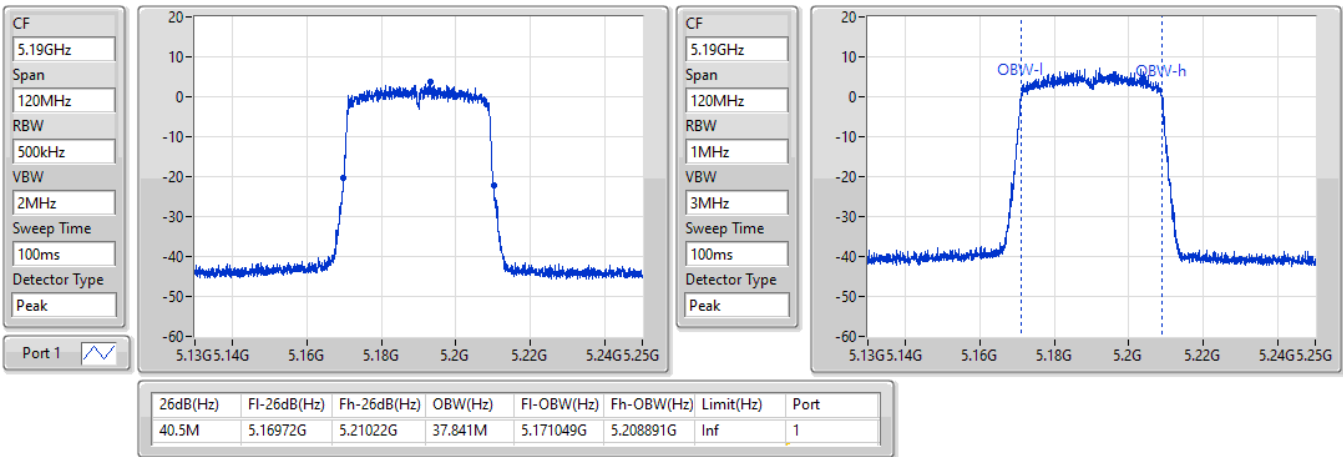


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

25/08/2022

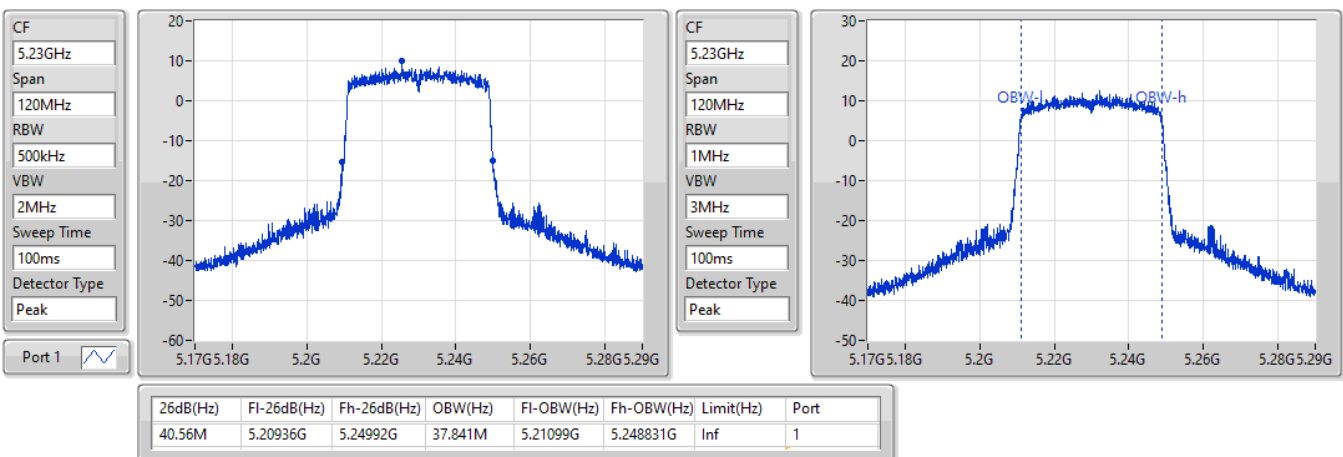


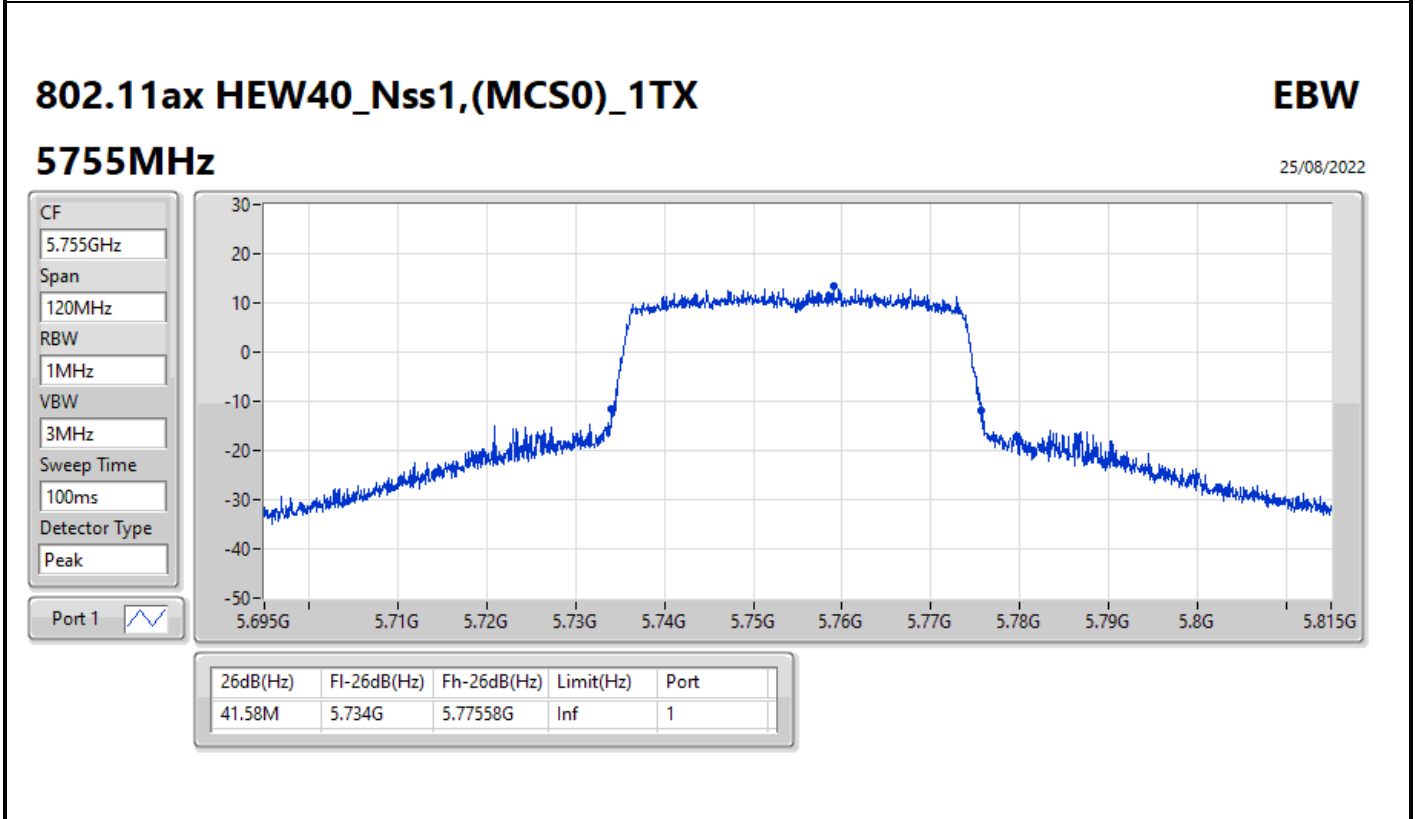
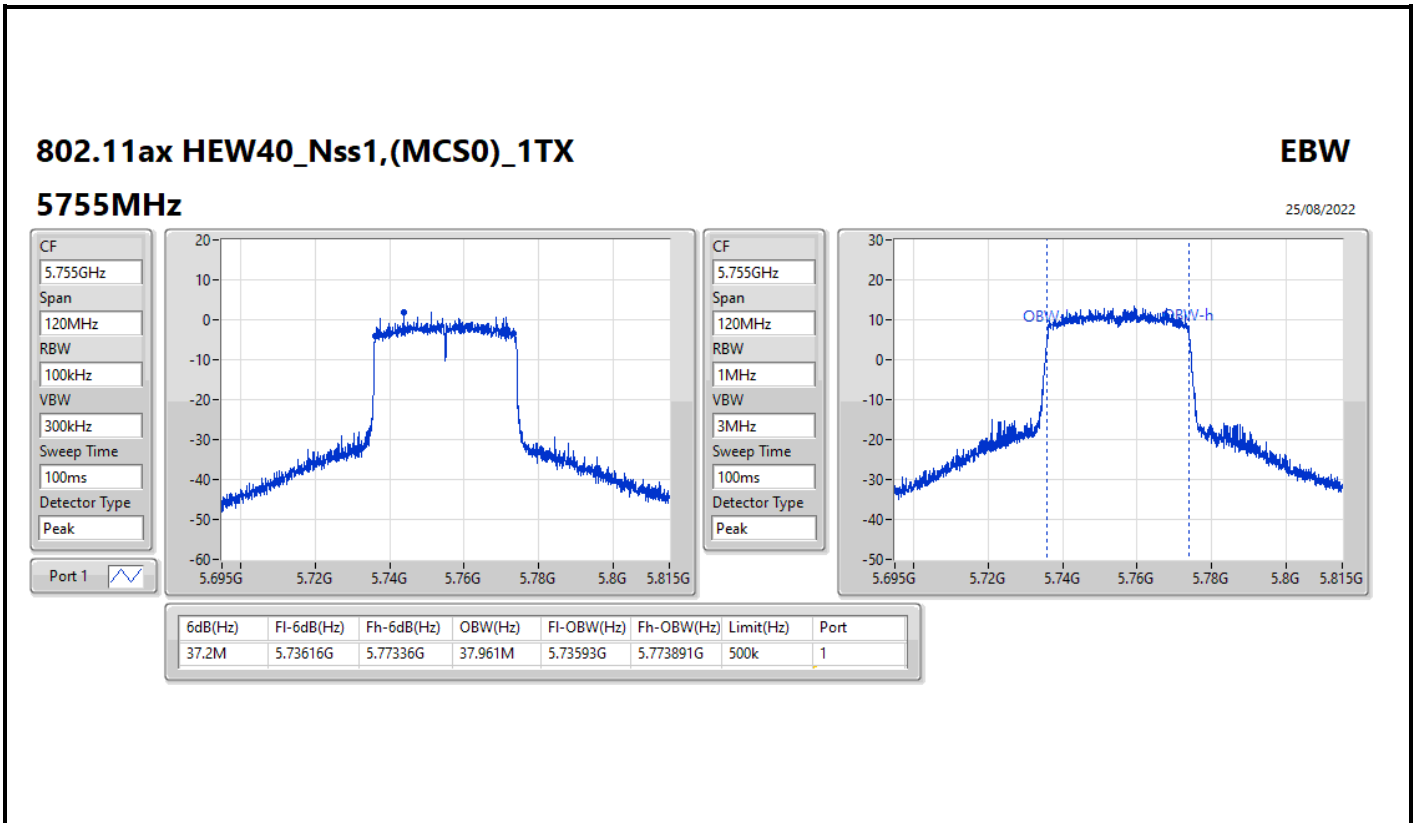
802.11ax HEW40_Nss1,(MCS0)_1TX

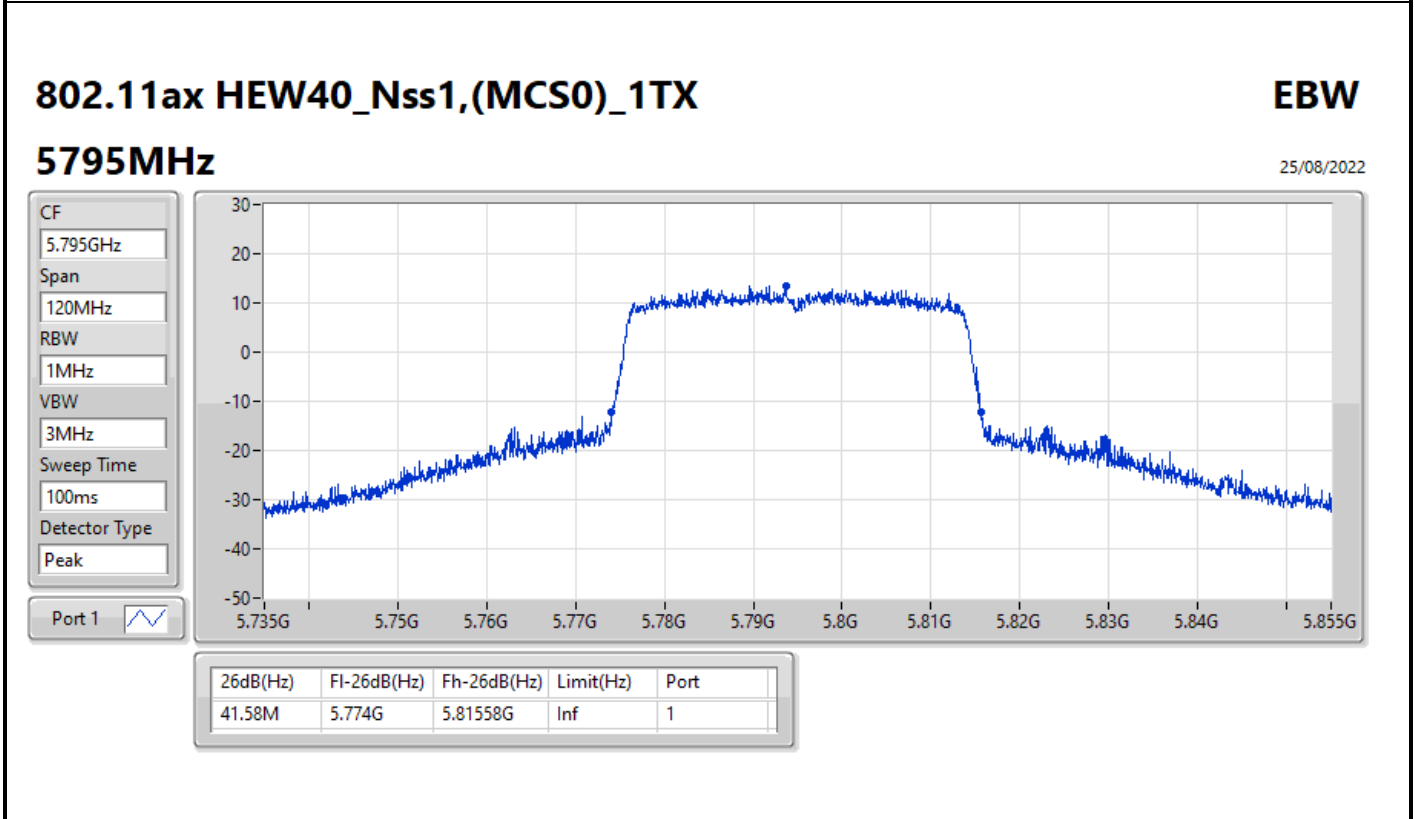
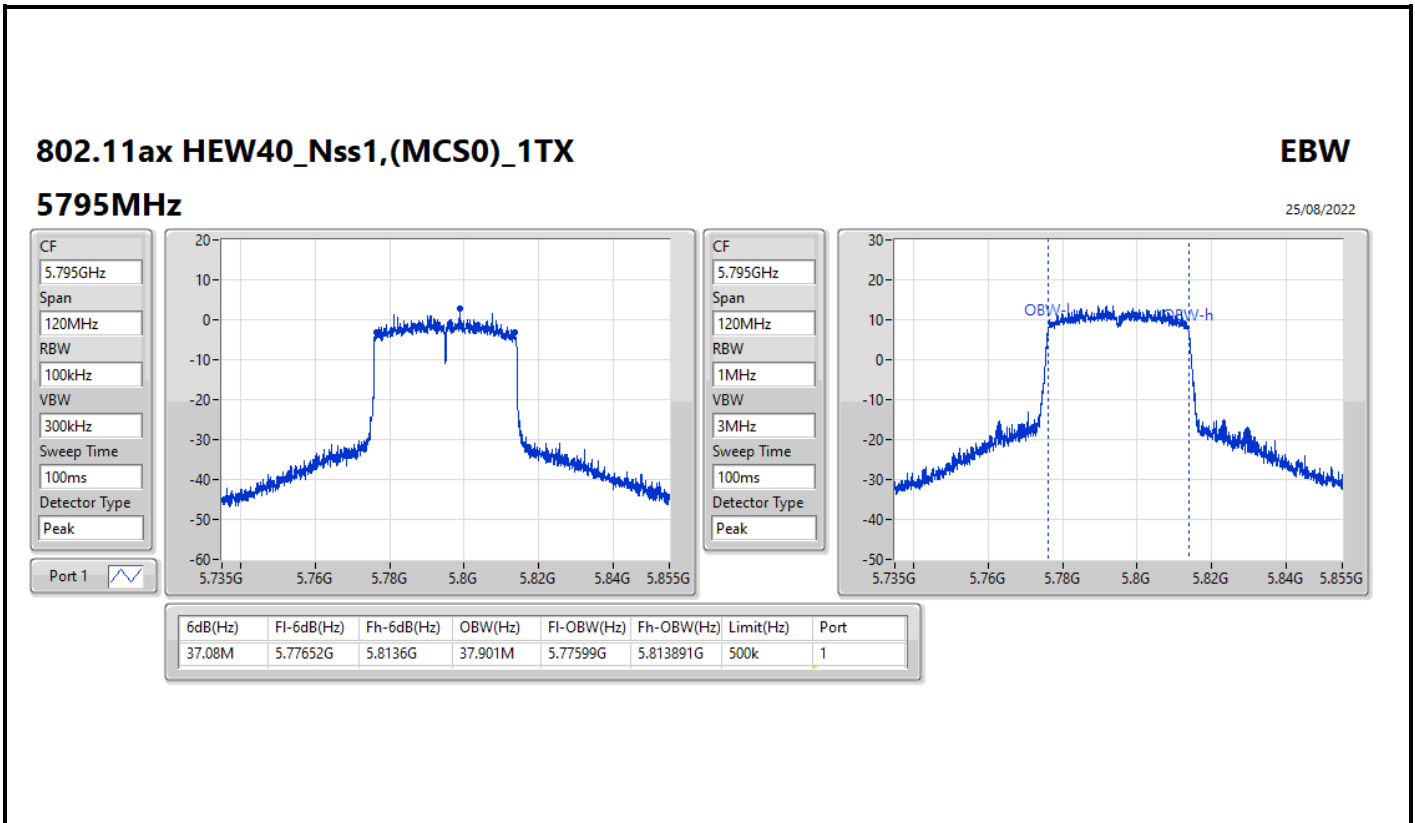
EBW

5230MHz

25/08/2022







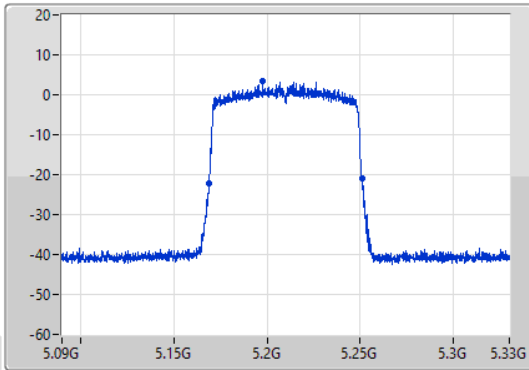
802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

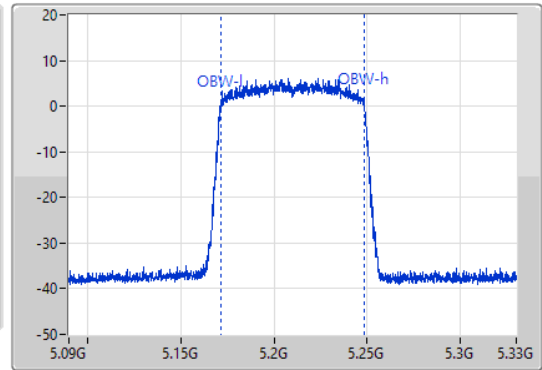
5210MHz

25/08/2022

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



CF
5.21GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16896G	5.25092G	77.361M	5.171259G	5.248621G	Inf	1

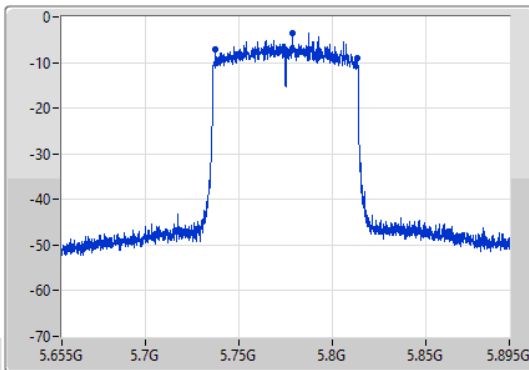
802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

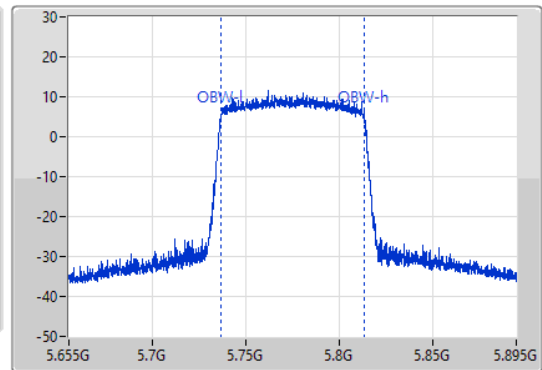
5775MHz

25/08/2022

CF
5.775GHz
Span
240MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.775GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



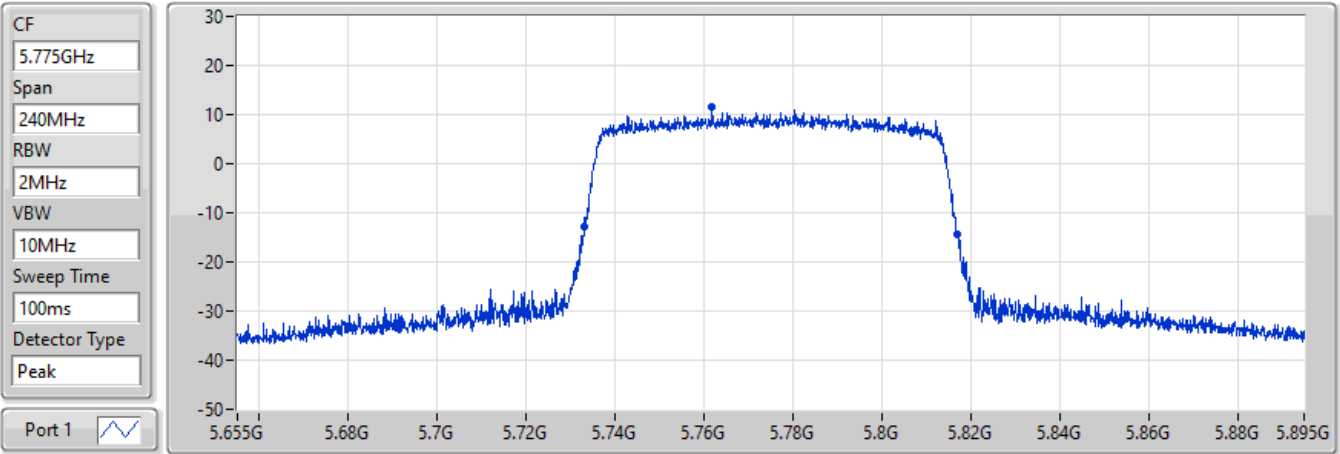
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.96M	5.7372G	5.81316G	77.361M	5.736259G	5.813621G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

25/08/2022



CF
5.775GHz

Span
240MHz

RBW
2MHz

VBW
10MHz

Sweep Time
100ms

Detector Type
Peak

Port 1 

26dB(Hz)	F1-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
84M	5.73288G	5.81688G	Inf	1



**Average Power_Iron R1_Antenna set 3_Non beamforming mode
_Indoor_P to M**

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.38	0.10914
802.11ax HEW20_Nss1,(MCS0)_1TX	20.51	0.11246
802.11ax HEW40_Nss1,(MCS0)_1TX	20.62	0.11535
802.11ax HEW80_Nss1,(MCS0)_1TX	18.30	0.06761
802.11a_Nss1,(6Mbps)_2TX	20.97	0.12503
802.11ax HEW20_Nss1,(MCS0)_2TX	20.73	0.11830
802.11ax HEW40_Nss1,(MCS0)_2TX	20.80	0.12023
802.11ax HEW80_Nss1,(MCS0)_2TX	20.55	0.11350
802.11a_Nss1,(6Mbps)_4TX	20.94	0.12417
802.11ax HEW20_Nss1,(MCS0)_4TX	20.88	0.12246
802.11ax HEW40_Nss1,(MCS0)_4TX	20.70	0.11749
802.11ax HEW80_Nss1,(MCS0)_4TX	17.81	0.06039
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.36	0.08630
802.11ax HEW20_Nss1,(MCS0)_1TX	19.49	0.08892
802.11ax HEW40_Nss1,(MCS0)_1TX	19.38	0.08670
802.11ax HEW80_Nss1,(MCS0)_1TX	19.06	0.08054
802.11a_Nss1,(6Mbps)_2TX	24.14	0.25942
802.11ax HEW20_Nss1,(MCS0)_2TX	24.32	0.27040
802.11ax HEW40_Nss1,(MCS0)_2TX	24.66	0.29242
802.11ax HEW80_Nss1,(MCS0)_2TX	22.82	0.19143
802.11a_Nss1,(6Mbps)_4TX	28.11	0.64714
802.11ax HEW20_Nss1,(MCS0)_4TX	28.17	0.65615
802.11ax HEW40_Nss1,(MCS0)_4TX	26.00	0.39811
802.11ax HEW80_Nss1,(MCS0)_4TX	24.10	0.25704



**Average Power_Iron R1_Antenna set 3_Non beamforming mode
_Indoor_P to M**

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	20.21				20.21	30.00
5200MHz	Pass	3.00	20.16				20.16	30.00
5240MHz	Pass	3.00	20.38				20.38	30.00
5745MHz	Pass	3.00	19.36				19.36	30.00
5785MHz	Pass	3.00	19.02				19.02	30.00
5825MHz	Pass	3.00	18.56				18.56	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	20.33				20.33	30.00
5200MHz	Pass	3.00	20.37				20.37	30.00
5240MHz	Pass	3.00	20.51				20.51	30.00
5745MHz	Pass	3.00	19.49				19.49	30.00
5785MHz	Pass	3.00	19.10				19.10	30.00
5825MHz	Pass	3.00	18.69				18.69	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	18.79				18.79	30.00
5230MHz	Pass	3.00	20.62				20.62	30.00
5755MHz	Pass	3.00	19.38				19.38	30.00
5795MHz	Pass	3.00	19.06				19.06	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	18.30				18.30	30.00
5775MHz	Pass	3.00	19.06				19.06	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	15.67	18.72			20.47	30.00
5200MHz	Pass	3.00	16.20	19.21			20.97	30.00
5240MHz	Pass	3.00	15.95	18.89			20.67	30.00
5745MHz	Pass	3.00	19.12	22.32			24.02	30.00
5785MHz	Pass	3.00	19.10	22.51			24.14	30.00
5825MHz	Pass	3.00	18.59	22.72			24.14	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	16.05	18.92			20.73	30.00
5200MHz	Pass	3.00	16.01	18.71			20.58	30.00
5240MHz	Pass	3.00	16.20	18.54			20.54	30.00
5745MHz	Pass	3.00	19.65	22.49			24.31	30.00
5785MHz	Pass	3.00	18.53	22.73			24.13	30.00
5825MHz	Pass	3.00	18.72	22.92			24.32	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	15.99	19.06			20.80	30.00
5230MHz	Pass	3.00	16.08	18.65			20.56	30.00
5755MHz	Pass	3.00	19.49	23.09			24.66	30.00
5795MHz	Pass	3.00	18.94	23.26			24.63	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	15.99	18.68			20.55	30.00
5775MHz	Pass	3.00	17.28	21.40			22.82	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.14	15.19	15.81	14.73	20.69	30.00
5200MHz	Pass	3.00	12.03	14.97	15.73	14.52	20.53	30.00
5240MHz	Pass	3.00	12.73	15.40	16.17	14.66	20.94	30.00
5745MHz	Pass	3.00	19.43	22.53	22.86	21.89	27.89	30.00
5785MHz	Pass	3.00	18.93	22.96	23.47	21.73	28.11	30.00
5825MHz	Pass	3.00	18.57	22.88	23.19	21.56	27.91	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.21	15.36	16.13	14.84	20.88	30.00
5200MHz	Pass	3.00	12.29	15.04	15.86	14.77	20.70	30.00



**Average Power_Iron R1_Antenna set 3_Non beamforming mode
_Indoor_P to M**

Appendix C.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5240MHz	Pass	3.00	12.34	15.10	15.71	14.28	20.55	30.00
5745MHz	Pass	3.00	19.42	22.49	22.95	21.93	27.91	30.00
5785MHz	Pass	3.00	18.91	23.00	23.54	21.86	28.17	30.00
5825MHz	Pass	3.00	17.85	22.44	22.55	21.00	27.34	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	9.10	12.32	13.20	11.81	17.87	30.00
5230MHz	Pass	3.00	12.31	15.13	15.98	14.50	20.70	30.00
5755MHz	Pass	3.00	16.66	20.46	20.79	19.97	25.76	30.00
5795MHz	Pass	3.00	16.38	20.70	21.57	19.73	26.00	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	9.22	12.37	13.03	11.67	17.81	30.00
5775MHz	Pass	3.00	15.15	18.55	19.50	18.03	24.10	30.00

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



**Average Power_Iron R1_Antenna set 3_Beamforming mode
_Indoor_P to M**

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.73	0.05929
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.80	0.06026
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	17.55	0.05689
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.32	0.27040
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.66	0.29242
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.82	0.19143



**Average Power_Iron R1_Antenna set 3_Beamforming mode
_Indoor_P to M**

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.01	12.84	16.03	17.73	29.99
5200MHz	Pass	6.01	12.82	15.78	17.56	29.99
5240MHz	Pass	6.01	13.02	15.64	17.53	29.99
5745MHz	Pass	6.01	19.65	22.49	24.31	29.99
5785MHz	Pass	6.01	18.53	22.73	24.13	29.99
5825MHz	Pass	6.01	18.72	22.92	24.32	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.01	12.89	16.10	17.80	29.99
5230MHz	Pass	6.01	12.93	15.76	17.58	29.99
5755MHz	Pass	6.01	19.49	23.09	24.66	29.99
5795MHz	Pass	6.01	18.94	23.26	24.63	29.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.01	12.89	15.73	17.55	29.99
5775MHz	Pass	6.01	17.28	21.40	22.82	29.99

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



**Average Power_Iron R1_Antenna set 3_Beamforming mode_
Indoor_P to M**

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.95	0.03126
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.64	0.02911
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.82	0.03034
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.89	0.48865
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.00	0.39811
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.10	0.25704



**Average Power_Iron R1_Antenna set 3_Beamforming mode_
Indoor_P to M**

Appendix C.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	6.31	9.44	10.09	9.03	14.95	26.98
5200MHz	Pass	9.02	6.11	9.59	9.86	8.94	14.87	26.98
5240MHz	Pass	9.02	6.15	9.35	9.87	8.55	14.71	26.98
5745MHz	Pass	9.02	18.57	21.52	21.70	21.02	26.89	26.98
5785MHz	Pass	9.02	17.59	21.28	22.23	20.69	26.78	26.98
5825MHz	Pass	9.02	17.34	21.34	22.09	20.40	26.64	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	5.96	9.44	8.86	8.95	14.51	26.98
5230MHz	Pass	9.02	6.25	9.08	9.85	8.53	14.64	26.98
5755MHz	Pass	9.02	16.66	20.46	20.79	19.97	25.76	26.98
5795MHz	Pass	9.02	16.38	20.7	21.57	19.73	26.00	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	6.18	9.41	10.08	8.60	14.82	26.98
5775MHz	Pass	9.02	15.15	18.55	19.5	18.03	24.10	26.98

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



**Average Power_Iron R1_Antenna set 3_Non beamforming mode
_Outdoor_P to M**

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.38	0.10914	23.38/20.38	0.21777/0.10914
802.11ax HEW20_Nss1,(MCS0)_1TX	20.51	0.11246	23.51/20.51	0.22439/0.11246
802.11ax HEW40_Nss1,(MCS0)_1TX	20.62	0.11535	23.62/20.62	0.23014/0.11535
802.11ax HEW80_Nss1,(MCS0)_1TX	18.30	0.06761	21.30/18.30	0.13490/0.06761
802.11a_Nss1,(6Mbps)_2TX	20.97	0.12503	23.97/20.97	0.24946/0.12503
802.11ax HEW20_Nss1,(MCS0)_2TX	20.73	0.11830	23.73/20.73	0.23605/0.11830
802.11ax HEW40_Nss1,(MCS0)_2TX	20.80	0.12023	23.80/20.80	0.23988/0.12023
802.11ax HEW80_Nss1,(MCS0)_2TX	20.55	0.11350	23.55/20.55	0.22646/0.11350
802.11a_Nss1,(6Mbps)_4TX	20.94	0.12417	23.94/20.94	0.24774/0.12417
802.11ax HEW20_Nss1,(MCS0)_4TX	20.88	0.12246	23.88/20.88	0.24434/0.12246
802.11ax HEW40_Nss1,(MCS0)_4TX	20.70	0.11749	23.70/20.70	0.23442/0.11749
802.11ax HEW80_Nss1,(MCS0)_4TX	17.81	0.06039	20.81/17.81	0.12050/0.06039
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.36	0.08630	22.36	0.17219
802.11ax HEW20_Nss1,(MCS0)_1TX	19.49	0.08892	22.49	0.17742
802.11ax HEW40_Nss1,(MCS0)_1TX	19.38	0.08670	22.38	0.17298
802.11ax HEW80_Nss1,(MCS0)_1TX	19.06	0.08054	22.06	0.16069
802.11a_Nss1,(6Mbps)_2TX	24.14	0.25942	27.14	0.51761
802.11ax HEW20_Nss1,(MCS0)_2TX	24.32	0.27040	27.32	0.53951
802.11ax HEW40_Nss1,(MCS0)_2TX	24.66	0.29242	27.66	0.58345
802.11ax HEW80_Nss1,(MCS0)_2TX	22.82	0.19143	25.82	0.38194
802.11a_Nss1,(6Mbps)_4TX	28.11	0.64714	31.11	1.29122
802.11ax HEW20_Nss1,(MCS0)_4TX	28.17	0.65615	31.17	1.30918
802.11ax HEW40_Nss1,(MCS0)_4TX	26.00	0.39811	29.00	0.79433
802.11ax HEW80_Nss1,(MCS0)_4TX	24.10	0.25704	27.10	0.51286



**Average Power_Iron R1_Antenna set 3_Non beamforming mode
_Outdoor_P to M**

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	20.21				20.21	30.00	23.21/20.21	36.00/21.00
5200MHz	Pass	3.00	20.16				20.16	30.00	23.16/20.16	36.00/21.00
5240MHz	Pass	3.00	20.38				20.38	30.00	23.38/20.38	36.00/21.00
5745MHz	Pass	3.00	19.36				19.36	30.00	22.36	Inf
5785MHz	Pass	3.00	19.02				19.02	30.00	22.02	Inf
5825MHz	Pass	3.00	18.56				18.56	30.00	21.56	Inf
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	20.33				20.33	30.00	23.33/20.33	36.00/21.00
5200MHz	Pass	3.00	20.37				20.37	30.00	23.37/20.37	36.00/21.00
5240MHz	Pass	3.00	20.51				20.51	30.00	23.51/20.51	36.00/21.00
5745MHz	Pass	3.00	19.49				19.49	30.00	22.49	Inf
5785MHz	Pass	3.00	19.10				19.10	30.00	22.10	Inf
5825MHz	Pass	3.00	18.69				18.69	30.00	21.69	Inf
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	18.79				18.79	30.00	21.79/18.79	36.00/21.00
5230MHz	Pass	3.00	20.62				20.62	30.00	23.62/20.62	36.00/21.00
5755MHz	Pass	3.00	19.38				19.38	30.00	22.38	Inf
5795MHz	Pass	3.00	19.06				19.06	30.00	22.06	Inf
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	18.30				18.30	30.00	21.30/18.30	36.00/21.00
5775MHz	Pass	3.00	19.06				19.06	30.00	22.06	Inf
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	15.67	18.72			20.47	30.00	23.47/20.47	36.00/21.00
5200MHz	Pass	3.00	16.20	19.21			20.97	30.00	23.97/20.97	36.00/21.00
5240MHz	Pass	3.00	15.95	18.89			20.67	30.00	23.67/20.67	36.00/21.00
5745MHz	Pass	3.00	19.12	22.32			24.02	30.00	27.02	Inf
5785MHz	Pass	3.00	19.10	22.51			24.14	30.00	27.14	Inf
5825MHz	Pass	3.00	18.59	22.72			24.14	30.00	27.14	Inf
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	16.05	18.92			20.73	30.00	23.73/20.73	36.00/21.00
5200MHz	Pass	3.00	16.01	18.71			20.58	30.00	23.58/20.58	36.00/21.00
5240MHz	Pass	3.00	16.20	18.54			20.54	30.00	23.54/20.54	36.00/21.00
5745MHz	Pass	3.00	19.65	22.49			24.31	30.00	27.31	Inf
5785MHz	Pass	3.00	18.53	22.73			24.13	30.00	27.13	Inf
5825MHz	Pass	3.00	18.72	22.92			24.32	30.00	27.32	Inf
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	15.99	19.06			20.80	30.00	23.80/20.80	36.00/21.00
5230MHz	Pass	3.00	16.08	18.65			20.56	30.00	23.56/20.56	36.00/21.00
5755MHz	Pass	3.00	19.49	23.09			24.66	30.00	27.66	Inf
5795MHz	Pass	3.00	18.94	23.26			24.63	30.00	27.63	Inf
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	15.99	18.68			20.55	30.00	23.55/20.55	36.00/21.00
5775MHz	Pass	3.00	17.28	21.40			22.82	30.00	25.82	Inf
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.14	15.19	15.81	14.73	20.69	30.00	23.69/20.69	36.00/21.00
5200MHz	Pass	3.00	12.03	14.97	15.73	14.52	20.53	30.00	23.53/20.53	36.00/21.00
5240MHz	Pass	3.00	12.73	15.40	16.17	14.66	20.94	30.00	23.94/20.94	36.00/21.00
5745MHz	Pass	3.00	19.43	22.53	22.86	21.89	27.89	30.00	30.89	Inf
5785MHz	Pass	3.00	18.93	22.96	23.47	21.73	28.11	30.00	31.11	Inf



**Average Power_Iron R1_Antenna set 3_Non beamforming mode
_Outdoor_P to M**

Appendix C.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
5825MHz	Pass	3.00	18.57	22.88	23.19	21.56	27.91	30.00	30.91	Inf
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.21	15.36	16.13	14.84	20.88	30.00	23.88/20.88	36.00/21.00
5200MHz	Pass	3.00	12.29	15.04	15.86	14.77	20.70	30.00	23.70/20.70	36.00/21.00
5240MHz	Pass	3.00	12.34	15.10	15.71	14.28	20.55	30.00	23.55/20.55	36.00/21.00
5745MHz	Pass	3.00	19.42	22.49	22.95	21.93	27.91	30.00	30.91	Inf
5785MHz	Pass	3.00	18.91	23.00	23.54	21.86	28.17	30.00	31.17	Inf
5825MHz	Pass	3.00	17.85	22.44	22.55	21.00	27.34	30.00	30.34	Inf
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	9.10	12.32	13.20	11.81	17.87	30.00	20.87/17.87	36.00/21.00
5230MHz	Pass	3.00	12.31	15.13	15.98	14.50	20.70	30.00	23.70/20.70	36.00/21.00
5755MHz	Pass	3.00	16.66	20.46	20.79	19.97	25.76	30.00	28.76	Inf
5795MHz	Pass	3.00	16.38	20.70	21.57	19.73	26.00	30.00	29.00	Inf
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	9.22	12.37	13.03	11.67	17.81	30.00	20.81/17.81	36.00/21.00
5775MHz	Pass	3.00	15.15	18.55	19.50	18.03	24.10	30.00	27.10	Inf

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.73	0.05929	23.74/20.74	0.23659/0.11858
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.80	0.06026	23.81/20.81	0.24044/0.12050
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	17.55	0.05689	23.56/20.56	0.22699/0.11376
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.32	0.27040	30.33	1.07895
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.66	0.29242	30.67	1.16681
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.82	0.19143	28.83	0.76384



Average Power_Iron R1_Antenna set 3_Beamforming mode_
Outdoor_P to M

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.01	12.84	16.03	17.73	29.99	23.74/20.74	36.00/21.00
5200MHz	Pass	6.01	12.82	15.78	17.56	29.99	23.57/20.57	36.00/21.00
5240MHz	Pass	6.01	13.02	15.64	17.53	29.99	23.54/20.54	36.00/21.00
5745MHz	Pass	6.01	19.65	22.49	24.31	29.99	30.32	Inf
5785MHz	Pass	6.01	18.53	22.73	24.13	29.99	30.14	Inf
5825MHz	Pass	6.01	18.72	22.92	24.32	29.99	30.33	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.01	12.89	16.10	17.80	29.99	23.81/20.81	36.00/21.00
5230MHz	Pass	6.01	12.93	15.76	17.58	29.99	23.59/20.59	36.00/21.00
5755MHz	Pass	6.01	19.49	23.09	24.66	29.99	30.67	Inf
5795MHz	Pass	6.01	18.94	23.26	24.63	29.99	30.64	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.01	12.89	15.73	17.55	29.99	23.56/20.56	36.00/21.00
5775MHz	Pass	6.01	17.28	21.40	22.82	29.99	28.83	Inf

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



**Average Power_Iron R1_Antenna set 3_Beamforming mode
_Outdoor_P to M**

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.95	0.03126	23.97/20.97	0.24946/0.12503
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.64	0.02911	23.66/20.66	0.23227/0.11641
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.82	0.03034	23.84/20.84	0.24210/0.12134
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.89	0.48865	35.91	3.89942
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.00	0.39811	35.02	3.17687
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.10	0.25704	33.12	2.05116



**Average Power_Iron R1_Antenna set 3_Beamforming mode
_Outdoor_P to M**

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	6.31	9.44	10.09	9.03	14.95	26.98	23.97/20.97	36.00/21.00
5200MHz	Pass	9.02	6.11	9.59	9.86	8.94	14.87	26.98	23.89/20.89	36.00/21.00
5240MHz	Pass	9.02	6.15	9.35	9.87	8.55	14.71	26.98	23.73/20.73	36.00/21.00
5745MHz	Pass	9.02	18.57	21.52	21.70	21.02	26.89	26.98	35.91	Inf
5785MHz	Pass	9.02	17.59	21.28	22.23	20.69	26.78	26.98	35.80	Inf
5825MHz	Pass	9.02	17.34	21.34	22.09	20.40	26.64	26.98	35.66	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	5.96	9.44	8.86	8.95	14.51	26.98	23.53/20.53	36.00/21.00
5230MHz	Pass	9.02	6.25	9.08	9.85	8.53	14.64	26.98	23.66/20.66	36.00/21.00
5755MHz	Pass	9.02	16.66	20.46	20.79	19.97	25.76	26.98	34.78	Inf
5795MHz	Pass	9.02	16.38	20.7	21.57	19.73	26.00	26.98	35.02	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	6.18	9.41	10.08	8.60	14.82	26.98	23.84/20.84	36.00/21.00
5775MHz	Pass	9.02	15.15	18.55	19.5	18.03	24.10	26.98	33.12	Inf

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



Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to M

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.78	0.01507
802.11ax HEW20_Nss1,(MCS0)_1TX	12.10	0.01622
802.11ax HEW40_Nss1,(MCS0)_1TX	12.12	0.01629
802.11ax HEW80_Nss1,(MCS0)_1TX	8.97	0.00789
802.11a_Nss1,(6Mbps)_2TX	12.68	0.01854
802.11ax HEW20_Nss1,(MCS0)_2TX	15.84	0.03837
802.11ax HEW40_Nss1,(MCS0)_2TX	11.84	0.01528
802.11ax HEW80_Nss1,(MCS0)_2TX	9.55	0.00902
802.11a_Nss1,(6Mbps)_4TX	4.60	0.00288
802.11ax HEW20_Nss1,(MCS0)_4TX	4.31	0.00270
802.11ax HEW40_Nss1,(MCS0)_4TX	4.92	0.00310
802.11ax HEW80_Nss1,(MCS0)_4TX	4.15	0.00260
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.31	0.03396
802.11ax HEW20_Nss1,(MCS0)_1TX	15.99	0.03972
802.11ax HEW40_Nss1,(MCS0)_1TX	15.18	0.03296
802.11ax HEW80_Nss1,(MCS0)_1TX	10.31	0.01074
802.11a_Nss1,(6Mbps)_2TX	16.33	0.04295
802.11ax HEW20_Nss1,(MCS0)_2TX	16.46	0.04426
802.11ax HEW40_Nss1,(MCS0)_2TX	16.35	0.04315
802.11ax HEW80_Nss1,(MCS0)_2TX	15.16	0.03281
802.11a_Nss1,(6Mbps)_4TX	4.87	0.00307
802.11ax HEW20_Nss1,(MCS0)_4TX	4.58	0.00287
802.11ax HEW40_Nss1,(MCS0)_4TX	4.87	0.00307
802.11ax HEW80_Nss1,(MCS0)_4TX	4.84	0.00305



Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to M

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	10.79				10.79	17.47
5200MHz	Pass	18.53	11.30				11.30	17.47
5240MHz	Pass	18.53	11.78				11.78	17.47
5745MHz	Pass	18.53	10.14				10.14	17.47
5785MHz	Pass	18.53	15.31				15.31	17.47
5825MHz	Pass	18.53	10.67				10.67	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	12.10				12.10	17.47
5200MHz	Pass	18.53	11.85				11.85	17.47
5240MHz	Pass	18.53	11.69				11.69	17.47
5745MHz	Pass	18.53	15.11				15.11	17.47
5785MHz	Pass	18.53	15.99				15.99	17.47
5825MHz	Pass	18.53	15.08				15.08	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	10.00				10.00	17.47
5230MHz	Pass	18.53	12.12				12.12	17.47
5755MHz	Pass	18.53	10.29				10.29	17.47
5795MHz	Pass	18.53	15.18				15.18	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	8.97				8.97	17.47
5775MHz	Pass	18.53	10.31				10.31	17.47
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	6.24	10.16			11.64	17.47
5200MHz	Pass	18.53	7.72	10.90			12.61	17.47
5240MHz	Pass	18.53	7.82	10.96			12.68	17.47
5745MHz	Pass	18.53	6.05	9.32			11.00	17.47
5785MHz	Pass	18.53	10.92	14.85			16.33	17.47
5825MHz	Pass	18.53	10.17	14.39			15.78	17.47
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.46	11.74			13.41	17.47
5200MHz	Pass	18.53	10.99	14.12			15.84	17.47
5240MHz	Pass	18.53	9.00	11.98			13.75	17.47
5745MHz	Pass	18.53	11.68	14.62			16.40	17.47
5785MHz	Pass	18.53	11.11	14.96			16.46	17.47
5825MHz	Pass	18.53	10.76	13.74			15.51	17.47
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	5.97	9.25			10.92	17.47
5230MHz	Pass	18.53	6.87	10.17			11.84	17.47
5755MHz	Pass	18.53	10.23	13.70			15.31	17.47
5795MHz	Pass	18.53	10.89	14.89			16.35	17.47
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.75	7.81			9.55	17.47
5775MHz	Pass	18.53	9.72	13.70			15.16	17.47
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	-4.49	-0.70	-0.64	-1.44	4.45	17.47
5200MHz	Pass	18.53	-4.49	-1.40	-0.23	-2.71	4.09	17.47
5240MHz	Pass	18.53	-4.38	-0.54	0.28	-2.44	4.60	17.47
5745MHz	Pass	18.53	-4.57	-1.04	0.46	-1.95	4.60	17.47
5785MHz	Pass	18.53	-3.87	-0.85	0.30	-1.18	4.87	17.47
5825MHz	Pass	18.53	-4.25	-0.90	0.50	-1.41	4.82	17.47
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	-4.63	-0.82	-0.75	-1.66	4.31	17.47
5200MHz	Pass	18.53	-4.55	-1.55	-0.48	-2.86	3.92	17.47



**Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to M**

Appendix C.7

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5240MHz	Pass	18.53	-4.67	-0.98	0.02	-2.67	4.29	17.47
5745MHz	Pass	18.53	-4.56	-1.07	0.27	-1.95	4.52	17.47
5785MHz	Pass	18.53	-4.34	-1.19	0.02	-1.34	4.58	17.47
5825MHz	Pass	18.53	-4.48	-1.08	0.17	-1.70	4.55	17.47
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	-3.96	-0.12	-0.12	-1.19	4.92	17.47
5230MHz	Pass	18.53	-2.97	-0.70	0.27	-2.41	4.76	17.47
5755MHz	Pass	18.53	-4.12	-0.92	0.60	-1.70	4.80	17.47
5795MHz	Pass	18.53	-4.11	-0.88	0.36	-1.08	4.87	17.47
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	-4.48	-1.17	-0.18	-2.82	4.15	17.47
5775MHz	Pass	18.53	-4.16	-1.00	0.28	-0.96	4.84	17.47

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



**Average Power_Iron R1_Antenna set 10_Beamforming mode_
Indoor_P to M**

Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.84	0.03837
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.84	0.01528
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.55	0.00902
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.46	0.04426
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.35	0.04315
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.16	0.03281



**Average Power_Iron R1_Antenna set 10_Beamforming mode_
Indoor_P to M**

Appendix C.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.53	8.46	11.74	13.41	17.47
5200MHz	Pass	18.53	10.99	14.12	15.84	17.47
5240MHz	Pass	18.53	9.00	11.98	13.75	17.47
5745MHz	Pass	18.53	11.68	14.62	16.40	17.47
5785MHz	Pass	18.53	11.11	14.96	16.46	17.47
5825MHz	Pass	18.53	10.76	13.74	15.51	17.47
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	18.53	5.97	9.25	10.92	17.47
5230MHz	Pass	18.53	6.87	10.17	11.84	17.47
5755MHz	Pass	18.53	10.23	13.70	15.31	17.47
5795MHz	Pass	18.53	10.89	14.89	16.35	17.47
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	18.53	4.75	7.81	9.55	17.47
5775MHz	Pass	18.53	9.72	13.70	15.16	17.47

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



**Average Power_Iron R1_Antenna set 10_Beamforming mode
_Indoor_P to M**

Appendix C.9

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.31	0.00270
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.92	0.00310
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.15	0.00260
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.58	0.00287
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.87	0.00307
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.84	0.00305



**Average Power_Iron R1_Antenna set 10_Beamforming mode
_Indoor_P to M**

Appendix C.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	21.54	-4.63	-0.82	-0.75	-1.66	4.31	14.46
5200MHz	Pass	21.54	-4.55	-1.55	-0.48	-2.86	3.92	14.46
5240MHz	Pass	21.54	-4.67	-0.98	0.02	-2.67	4.29	14.46
5745MHz	Pass	21.54	-4.56	-1.07	0.27	-1.95	4.52	14.46
5785MHz	Pass	21.54	-4.34	-1.19	0.02	-1.34	4.58	14.46
5825MHz	Pass	21.54	-4.48	-1.08	0.17	-1.70	4.55	14.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	21.54	-3.96	-0.12	-0.12	-1.19	4.92	14.46
5230MHz	Pass	21.54	-2.97	-0.70	0.27	-2.41	4.76	14.46
5755MHz	Pass	21.54	-4.12	-0.92	0.60	-1.70	4.80	14.46
5795MHz	Pass	21.54	-4.11	-0.88	0.36	-1.08	4.87	14.46
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	21.54	-4.48	-1.17	-0.18	-2.82	4.15	14.46
5775MHz	Pass	21.54	-4.16	-1.00	0.28	-0.96	4.84	14.46

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	11.78	0.01507	30.31/11.78	1.07399/0.01507
802.11ax HEW20_Nss1,(MCS0)_1TX	12.10	0.01622	30.63/12.10	1.15611/0.01622
802.11ax HEW40_Nss1,(MCS0)_1TX	12.12	0.01629	30.65/12.12	1.16145/0.01629
802.11ax HEW80_Nss1,(MCS0)_1TX	8.97	0.00789	27.50/8.97	0.56234/0.00789
802.11a_Nss1,(6Mbps)_2TX	12.68	0.01854	31.21/12.68	1.32130/0.01854
802.11ax HEW20_Nss1,(MCS0)_2TX	15.84	0.03837	34.37/15.84	2.73527/0.03837
802.11ax HEW40_Nss1,(MCS0)_2TX	11.84	0.01528	30.37/11.84	1.08893/0.01528
802.11ax HEW80_Nss1,(MCS0)_2TX	9.55	0.00902	28.08/9.55	0.64269/0.00902
802.11a_Nss1,(6Mbps)_4TX	4.60	0.00288	23.13/4.60	0.20559/0.00288
802.11ax HEW20_Nss1,(MCS0)_4TX	4.31	0.00270	22.84/4.31	0.19231/0.00270
802.11ax HEW40_Nss1,(MCS0)_4TX	4.92	0.00310	23.45/4.92	0.22131/0.00310
802.11ax HEW80_Nss1,(MCS0)_4TX	4.15	0.00260	22.68/4.15	0.18535/0.00260
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.31	0.03396	33.84	2.42103
802.11ax HEW20_Nss1,(MCS0)_1TX	15.99	0.03972	34.52	2.83139
802.11ax HEW40_Nss1,(MCS0)_1TX	15.18	0.03296	33.71	2.34963
802.11ax HEW80_Nss1,(MCS0)_1TX	10.31	0.01074	28.84	0.76560
802.11a_Nss1,(6Mbps)_2TX	16.33	0.04295	34.86	3.06196
802.11ax HEW20_Nss1,(MCS0)_2TX	16.46	0.04426	34.99	3.15500
802.11ax HEW40_Nss1,(MCS0)_2TX	16.35	0.04315	34.88	3.07610
802.11ax HEW80_Nss1,(MCS0)_2TX	15.16	0.03281	33.69	2.33884
802.11a_Nss1,(6Mbps)_4TX	4.87	0.00307	23.40	0.21878
802.11ax HEW20_Nss1,(MCS0)_4TX	4.58	0.00287	23.11	0.20464
802.11ax HEW40_Nss1,(MCS0)_4TX	4.87	0.00307	23.40	0.21878
802.11ax HEW80_Nss1,(MCS0)_4TX	4.84	0.00305	23.37	0.21727



Average Power Iron R1 Antenna set 10 Non beamforming mode Outdoor P to M

Appendix C.10

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	10.79				10.79	17.47	29.32/10.79	36.00/21.00
5200MHz	Pass	18.53	11.30				11.30	17.47	29.83/11.30	36.00/21.00
5240MHz	Pass	18.53	11.78				11.78	17.47	30.31/11.78	36.00/21.00
5745MHz	Pass	18.53	10.14				10.14	17.47	28.67	36.00
5785MHz	Pass	18.53	15.31				15.31	17.47	33.84	36.00
5825MHz	Pass	18.53	10.67				10.67	17.47	29.20	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	12.10				12.10	17.47	30.63/12.10	36.00/21.00
5200MHz	Pass	18.53	11.85				11.85	17.47	30.38/11.85	36.00/21.00
5240MHz	Pass	18.53	11.69				11.69	17.47	30.22/11.69	36.00/21.00
5745MHz	Pass	18.53	15.11				15.11	17.47	33.64	36.00
5785MHz	Pass	18.53	15.99				15.99	17.47	34.52	36.00
5825MHz	Pass	18.53	15.08				15.08	17.47	33.61	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	10.00				10.00	17.47	28.53/10.00	36.00/21.00
5230MHz	Pass	18.53	12.12				12.12	17.47	30.65/12.12	36.00/21.00
5755MHz	Pass	18.53	10.29				10.29	17.47	28.82	36.00
5795MHz	Pass	18.53	15.18				15.18	17.47	33.71	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	8.97				8.97	17.47	27.50/8.97	36.00/21.00
5775MHz	Pass	18.53	10.31				10.31	17.47	28.84	36.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	6.24	10.16			11.64	17.47	30.17/11.64	36.00/21.00
5200MHz	Pass	18.53	7.72	10.90			12.61	17.47	31.14/12.61	36.00/21.00
5240MHz	Pass	18.53	7.82	10.96			12.68	17.47	31.21/12.68	36.00/21.00
5745MHz	Pass	18.53	6.05	9.32			11.00	17.47	29.53	36.00
5785MHz	Pass	18.53	10.92	14.85			16.33	17.47	34.86	36.00
5825MHz	Pass	18.53	10.17	14.39			15.78	17.47	34.31	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.46	11.74			13.41	17.47	31.94/13.41	36.00/21.00
5200MHz	Pass	18.53	10.99	14.12			15.84	17.47	34.37/15.84	36.00/21.00
5240MHz	Pass	18.53	9.00	11.98			13.75	17.47	32.28/13.75	36.00/21.00
5745MHz	Pass	18.53	11.68	14.62			16.40	17.47	34.93	36.00
5785MHz	Pass	18.53	11.11	14.96			16.46	17.47	34.99	36.00
5825MHz	Pass	18.53	10.76	13.74			15.51	17.47	34.04	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	5.97	9.25			10.92	17.47	29.45/10.92	36.00/21.00
5230MHz	Pass	18.53	6.87	10.17			11.84	17.47	30.37/11.84	36.00/21.00
5755MHz	Pass	18.53	10.23	13.70			15.31	17.47	33.84	36.00
5795MHz	Pass	18.53	10.89	14.89			16.35	17.47	34.88	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.75	7.81			9.55	17.47	28.08/9.55	36.00/21.00
5775MHz	Pass	18.53	9.72	13.70			15.16	17.47	33.69	36.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	-4.49	-0.70	-0.64	-1.44	4.45	17.47	22.98/4.45	36.00/21.00
5200MHz	Pass	18.53	-4.49	-1.40	-0.23	-2.71	4.09	17.47	22.62/4.09	36.00/21.00
5240MHz	Pass	18.53	-4.38	-0.54	0.28	-2.44	4.60	17.47	23.13/4.60	36.00/21.00
5745MHz	Pass	18.53	-4.57	-1.04	0.46	-1.95	4.60	17.47	23.13	36.00
5785MHz	Pass	18.53	-3.87	-0.85	0.30	-1.18	4.87	17.47	23.40	36.00
5825MHz	Pass	18.53	-4.25	-0.90	0.50	-1.41	4.82	17.47	23.35	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	-4.63	-0.82	-0.75	-1.66	4.31	17.47	22.84/4.31	36.00/21.00



Average Power_Iron R1_Antenna set 10_Non beamforming mode_Outdoor_P to M

Appendix C.10

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
5200MHz	Pass	18.53	-4.55	-1.55	-0.48	-2.86	3.92	17.47	22.45/3.92	36.00/21.00
5240MHz	Pass	18.53	-4.67	-0.98	0.02	-2.67	4.29	17.47	22.82/4.29	36.00/21.00
5745MHz	Pass	18.53	-4.56	-1.07	0.27	-1.95	4.52	17.47	23.05	36.00
5785MHz	Pass	18.53	-4.34	-1.19	0.02	-1.34	4.58	17.47	23.11	36.00
5825MHz	Pass	18.53	-4.48	-1.08	0.17	-1.70	4.55	17.47	23.08	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	-3.96	-0.12	-0.12	-1.19	4.92	17.47	23.45/4.92	36.00/21.00
5230MHz	Pass	18.53	-2.97	-0.70	0.27	-2.41	4.76	17.47	23.29/4.76	36.00/21.00
5755MHz	Pass	18.53	-4.12	-0.92	0.60	-1.70	4.80	17.47	23.33	36.00
5795MHz	Pass	18.53	-4.11	-0.88	0.36	-1.08	4.87	17.47	23.40	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	-4.48	-1.17	-0.18	-2.82	4.15	17.47	22.68/4.15	36.00/21.00
5775MHz	Pass	18.53	-4.16	-1.00	0.28	-0.96	4.84	17.47	23.37	36.00

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



**Average Power_Iron R1_Antenna set 10_Beamforming mode_
Outdoor_P to M**

Appendix C.11

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.84	0.03837	34.37/9.87	2.73527/0.00971
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.84	0.01528	30.37/5.87	1.08893/0.00386
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.55	0.00902	28.08/3.58	0.64269/0.00228
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.46	0.04426	34.99	3.15500
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.35	0.04315	34.88	3.07610
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.16	0.03281	33.69	2.33884



**Average Power_Iron R1_Antenna set 10_Beamforming mode_
Outdoor_P to M**

Appendix C.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.46	11.74	13.41	17.47	31.94/7.44	36.00/21.00
5200MHz	Pass	18.53	10.99	14.12	15.84	17.47	34.37/9.87	36.00/21.00
5240MHz	Pass	18.53	9.00	11.98	13.75	17.47	32.28/7.78	36.00/21.00
5745MHz	Pass	18.53	11.68	14.62	16.40	17.47	34.93	36.00
5785MHz	Pass	18.53	11.11	14.96	16.46	17.47	34.99	36.00
5825MHz	Pass	18.53	10.76	13.74	15.51	17.47	34.04	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	5.97	9.25	10.92	17.47	29.45/4.95	36.00/21.00
5230MHz	Pass	18.53	6.87	10.17	11.84	17.47	30.37/5.87	36.00/21.00
5755MHz	Pass	18.53	10.23	13.70	15.31	17.47	33.84	36.00
5795MHz	Pass	18.53	10.89	14.89	16.35	17.47	34.88	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.75	7.81	9.55	17.47	28.08/3.58	36.00/21.00
5775MHz	Pass	18.53	9.72	13.70	15.16	17.47	33.69	36.00

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



**Average Power_Iron R1_Antenna set 10_Beamforming mode
_Outdoor_P to M**

Appendix C.12

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.31	0.00270	25.85/1.35	0.38459/0.00136
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.92	0.00310	26.46/1.96	0.44259/0.00157
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.15	0.00260	25.69/1.19	0.37068/0.00132
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.58	0.00287	26.12	0.40926
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.87	0.00307	26.41	0.43752
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.84	0.00305	26.38	0.43451



**Average Power_Iron R1_Antenna set 10_Beamforming mode
_Outdoor_P to M**

Appendix C.12

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP	EIRP Limit / Elevation angle higher than 30° EIRP Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.54	-4.63	-0.82	-0.75	-1.66	4.31	14.46	25.85/1.35	36.00/21.00
5200MHz	Pass	21.54	-4.55	-1.55	-0.48	-2.86	3.92	14.46	25.46/0.96	36.00/21.00
5240MHz	Pass	21.54	-4.67	-0.98	0.02	-2.67	4.29	14.46	25.83/1.33	36.00/21.00
5745MHz	Pass	21.54	-4.56	-1.07	0.27	-1.95	4.52	14.46	26.06	36.00
5785MHz	Pass	21.54	-4.34	-1.19	0.02	-1.34	4.58	14.46	26.12	36.00
5825MHz	Pass	21.54	-4.48	-1.08	0.17	-1.70	4.55	14.46	26.09	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.54	-3.96	-0.12	-0.12	-1.19	4.92	14.46	26.46/1.96	36.00/21.00
5230MHz	Pass	21.54	-2.97	-0.70	0.27	-2.41	4.76	14.46	26.30/1.80	36.00/21.00
5755MHz	Pass	21.54	-4.12	-0.92	0.60	-1.70	4.80	14.46	26.34	36.00
5795MHz	Pass	21.54	-4.11	-0.88	0.36	-1.08	4.87	14.46	26.41	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.54	-4.48	-1.17	-0.18	-2.82	4.15	14.46	25.69/1.19	36.00/21.00
5775MHz	Pass	21.54	-4.16	-1.00	0.28	-0.96	4.84	14.46	26.38	36.00

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



**Average Power_Iron R1_Antenna set 10_Non beamforming
mode_Indoor_Outdoor_P to P**

Appendix C.13

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.78	0.01507
802.11ax HEW20_Nss1,(MCS0)_1TX	12.10	0.01622
802.11ax HEW40_Nss1,(MCS0)_1TX	12.12	0.01629
802.11ax HEW80_Nss1,(MCS0)_1TX	8.97	0.00789
802.11a_Nss1,(6Mbps)_2TX	12.68	0.01854
802.11ax HEW20_Nss1,(MCS0)_2TX	15.84	0.03837
802.11ax HEW40_Nss1,(MCS0)_2TX	11.84	0.01528
802.11ax HEW80_Nss1,(MCS0)_2TX	9.55	0.00902
802.11a_Nss1,(6Mbps)_4TX	4.60	0.00288
802.11ax HEW20_Nss1,(MCS0)_4TX	4.31	0.00270
802.11ax HEW40_Nss1,(MCS0)_4TX	4.92	0.00310
802.11ax HEW80_Nss1,(MCS0)_4TX	4.15	0.00260
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.31	0.03396
802.11ax HEW20_Nss1,(MCS0)_1TX	15.99	0.03972
802.11ax HEW40_Nss1,(MCS0)_1TX	15.18	0.03296
802.11ax HEW80_Nss1,(MCS0)_1TX	10.31	0.01074
802.11a_Nss1,(6Mbps)_2TX	16.33	0.04295
802.11ax HEW20_Nss1,(MCS0)_2TX	16.46	0.04426
802.11ax HEW40_Nss1,(MCS0)_2TX	16.35	0.04315
802.11ax HEW80_Nss1,(MCS0)_2TX	15.16	0.03281
802.11a_Nss1,(6Mbps)_4TX	4.87	0.00307
802.11ax HEW20_Nss1,(MCS0)_4TX	4.58	0.00287
802.11ax HEW40_Nss1,(MCS0)_4TX	4.87	0.00307
802.11ax HEW80_Nss1,(MCS0)_4TX	4.84	0.00305



Average Power_Iron R1_Antenna set 10_Non beamforming mode_Indoor_Outdoor_P to P

Appendix C.13

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	10.79				10.79	30.00
5200MHz	Pass	18.53	11.30				11.30	30.00
5240MHz	Pass	18.53	11.78				11.78	30.00
5745MHz	Pass	18.53	10.14				10.14	30.00
5785MHz	Pass	18.53	15.31				15.31	30.00
5825MHz	Pass	18.53	10.67				10.67	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	12.10				12.10	30.00
5200MHz	Pass	18.53	11.85				11.85	30.00
5240MHz	Pass	18.53	11.69				11.69	30.00
5745MHz	Pass	18.53	15.11				15.11	30.00
5785MHz	Pass	18.53	15.99				15.99	30.00
5825MHz	Pass	18.53	15.08				15.08	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	10.00				10.00	30.00
5230MHz	Pass	18.53	12.12				12.12	30.00
5755MHz	Pass	18.53	10.29				10.29	30.00
5795MHz	Pass	18.53	15.18				15.18	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	8.97				8.97	30.00
5775MHz	Pass	18.53	10.31				10.31	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	6.24	10.16			11.64	30.00
5200MHz	Pass	18.53	7.72	10.90			12.61	30.00
5240MHz	Pass	18.53	7.82	10.96			12.68	30.00
5745MHz	Pass	18.53	6.05	9.32			11.00	30.00
5785MHz	Pass	18.53	10.92	14.85			16.33	30.00
5825MHz	Pass	18.53	10.17	14.39			15.78	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.46	11.74			13.41	30.00
5200MHz	Pass	18.53	10.99	14.12			15.84	30.00
5240MHz	Pass	18.53	9.00	11.98			13.75	30.00
5745MHz	Pass	18.53	11.68	14.62			16.40	30.00
5785MHz	Pass	18.53	11.11	14.96			16.46	30.00
5825MHz	Pass	18.53	10.76	13.74			15.51	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	5.97	9.25			10.92	30.00
5230MHz	Pass	18.53	6.87	10.17			11.84	30.00
5755MHz	Pass	18.53	10.23	13.70			15.31	30.00
5795MHz	Pass	18.53	10.89	14.89			16.35	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.75	7.81			9.55	30.00
5775MHz	Pass	18.53	9.72	13.70			15.16	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	-4.49	-0.70	-0.64	-1.44	4.45	30.00
5200MHz	Pass	18.53	-4.49	-1.40	-0.23	-2.71	4.09	30.00
5240MHz	Pass	18.53	-4.38	-0.54	0.28	-2.44	4.60	30.00
5745MHz	Pass	18.53	-4.57	-1.04	0.46	-1.95	4.60	30.00
5785MHz	Pass	18.53	-3.87	-0.85	0.30	-1.18	4.87	30.00
5825MHz	Pass	18.53	-4.25	-0.90	0.50	-1.41	4.82	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	-4.63	-0.82	-0.75	-1.66	4.31	30.00
5200MHz	Pass	18.53	-4.55	-1.55	-0.48	-2.86	3.92	30.00



Average Power_Iron R1_Antenna set 10_Non beamforming mode_Indoor_Outdoor_P to P

Appendix C.13

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5240MHz	Pass	18.53	-4.67	-0.98	0.02	-2.67	4.29	30.00
5745MHz	Pass	18.53	-4.56	-1.07	0.27	-1.95	4.52	30.00
5785MHz	Pass	18.53	-4.34	-1.19	0.02	-1.34	4.58	30.00
5825MHz	Pass	18.53	-4.48	-1.08	0.17	-1.70	4.55	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	-3.96	-0.12	-0.12	-1.19	4.92	30.00
5230MHz	Pass	18.53	-2.97	-0.70	0.27	-2.41	4.76	30.00
5755MHz	Pass	18.53	-4.12	-0.92	0.60	-1.70	4.80	30.00
5795MHz	Pass	18.53	-4.11	-0.88	0.36	-1.08	4.87	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	-4.48	-1.17	-0.18	-2.82	4.15	30.00
5775MHz	Pass	18.53	-4.16	-1.00	0.28	-0.96	4.84	30.00

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



**Average Power_Iron R1_Antenna set 10_Beamforming mode_
_Indoor_Outdoor_P to P**

Appendix C.14

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.84	0.03837
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.84	0.01528
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.55	0.00902
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.31	0.00270
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.92	0.00310
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.15	0.00260
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.46	0.04426
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.35	0.04315
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.16	0.03281
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.58	0.00287
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.87	0.00307
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.84	0.00305



**Average Power_Iron R1_Antenna set 10_Beamforming mode_
_Indoor_Outdoor_P to P**

Appendix C.14

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.46	11.74			13.41	30.00
5200MHz	Pass	18.53	10.99	14.12			15.84	30.00
5240MHz	Pass	18.53	9.00	11.98			13.75	30.00
5745MHz	Pass	18.53	11.68	14.62			16.40	30.00
5785MHz	Pass	18.53	11.11	14.96			16.46	30.00
5825MHz	Pass	18.53	10.76	13.74			15.51	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	5.97	9.25			10.92	30.00
5230MHz	Pass	18.53	6.87	10.17			11.84	30.00
5755MHz	Pass	18.53	10.23	13.70			15.31	30.00
5795MHz	Pass	18.53	10.89	14.89			16.35	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.75	7.81			9.55	30.00
5775MHz	Pass	18.53	9.72	13.70			15.16	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	21.54	-4.63	-0.82	-0.75	-1.66	4.31	30.00
5200MHz	Pass	21.54	-4.55	-1.55	-0.48	-2.86	3.92	30.00
5240MHz	Pass	21.54	-4.67	-0.98	0.02	-2.67	4.29	30.00
5745MHz	Pass	21.54	-4.56	-1.07	0.27	-1.95	4.52	30.00
5785MHz	Pass	21.54	-4.34	-1.19	0.02	-1.34	4.58	30.00
5825MHz	Pass	21.54	-4.48	-1.08	0.17	-1.70	4.55	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	21.54	-3.96	-0.12	-0.12	-1.19	4.92	30.00
5230MHz	Pass	21.54	-2.97	-0.70	0.27	-2.41	4.76	30.00
5755MHz	Pass	21.54	-4.12	-0.92	0.60	-1.70	4.80	30.00
5795MHz	Pass	21.54	-4.11	-0.88	0.36	-1.08	4.87	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	21.54	-4.48	-1.17	-0.18	-2.82	4.15	30.00
5775MHz	Pass	21.54	-4.16	-1.00	0.28	-0.96	4.84	30.00

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



Average Power Pine R2 Antenna set 3 Non beamforming mode Indoor P to M

Appendix C.15

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	13.85	0.02427
802.11ax HEW20_Nss1,(MCS0)_1TX	14.15	0.02600
802.11ax HEW40_Nss1,(MCS0)_1TX	14.07	0.02553
802.11ax HEW80_Nss1,(MCS0)_1TX	12.33	0.01710
802.11a_Nss1,(6Mbps)_2TX	18.34	0.06823
802.11ax HEW20_Nss1,(MCS0)_2TX	18.63	0.07295
802.11ax HEW40_Nss1,(MCS0)_2TX	18.56	0.07178
802.11ax HEW80_Nss1,(MCS0)_2TX	15.13	0.03258
802.11a_Nss1,(6Mbps)_4TX	20.91	0.12331
802.11ax HEW20_Nss1,(MCS0)_4TX	20.81	0.12050
802.11ax HEW40_Nss1,(MCS0)_4TX	20.63	0.11561
802.11ax HEW80_Nss1,(MCS0)_4TX	16.76	0.04742
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	13.86	0.02432
802.11ax HEW20_Nss1,(MCS0)_1TX	14.24	0.02655
802.11ax HEW40_Nss1,(MCS0)_1TX	14.14	0.02594
802.11ax HEW80_Nss1,(MCS0)_1TX	14.12	0.02582
802.11a_Nss1,(6Mbps)_2TX	18.66	0.07345
802.11ax HEW20_Nss1,(MCS0)_2TX	19.44	0.08790
802.11ax HEW40_Nss1,(MCS0)_2TX	18.98	0.07907
802.11ax HEW80_Nss1,(MCS0)_2TX	18.93	0.07816
802.11a_Nss1,(6Mbps)_4TX	22.80	0.19055
802.11ax HEW20_Nss1,(MCS0)_4TX	23.33	0.21528
802.11ax HEW40_Nss1,(MCS0)_4TX	23.27	0.21232
802.11ax HEW80_Nss1,(MCS0)_4TX	21.51	0.14158



Average Power Pine R2_Antenna set 3_Non beamforming mode_Indoor_P to M

Appendix C.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	13.74				13.74	30.00
5200MHz	Pass	3.00	13.75				13.75	30.00
5240MHz	Pass	3.00	13.85				13.85	30.00
5745MHz	Pass	3.00	13.86				13.86	30.00
5785MHz	Pass	3.00	13.70				13.70	30.00
5825MHz	Pass	3.00	13.72				13.72	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	13.66				13.66	30.00
5200MHz	Pass	3.00	14.05				14.05	30.00
5240MHz	Pass	3.00	14.15				14.15	30.00
5745MHz	Pass	3.00	14.24				14.24	30.00
5785MHz	Pass	3.00	14.06				14.06	30.00
5825MHz	Pass	3.00	13.73				13.73	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	12.61				12.61	30.00
5230MHz	Pass	3.00	14.07				14.07	30.00
5755MHz	Pass	3.00	14.14				14.14	30.00
5795MHz	Pass	3.00	13.68				13.68	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	12.33				12.33	30.00
5775MHz	Pass	3.00	14.12				14.12	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.81	15.60			17.44	30.00
5200MHz	Pass	3.00	13.81	16.46			18.34	30.00
5240MHz	Pass	3.00	13.94	16.30			18.29	30.00
5745MHz	Pass	3.00	13.75	16.59			18.41	30.00
5785MHz	Pass	3.00	13.68	16.82			18.54	30.00
5825MHz	Pass	3.00	13.73	16.98			18.66	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.67	15.39			17.25	30.00
5200MHz	Pass	3.00	14.21	16.69			18.63	30.00
5240MHz	Pass	3.00	14.10	16.65			18.57	30.00
5745MHz	Pass	3.00	13.75	18.08			19.44	30.00
5785MHz	Pass	3.00	14.10	17.19			18.92	30.00
5825MHz	Pass	3.00	14.06	17.35			19.02	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	11.75	14.26			16.19	30.00
5230MHz	Pass	3.00	14.14	16.61			18.56	30.00
5755MHz	Pass	3.00	14.14	17.20			18.94	30.00
5795MHz	Pass	3.00	14.09	17.28			18.98	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	10.84	13.11			15.13	30.00
5775MHz	Pass	3.00	14.08	17.21			18.93	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	11.39	14.09	15.57	14.79	20.24	30.00
5200MHz	Pass	3.00	11.22	15.23	15.85	15.83	20.91	30.00
5240MHz	Pass	3.00	11.99	14.46	15.50	15.57	20.62	30.00
5745MHz	Pass	3.00	13.83	16.84	18.05	17.35	22.80	30.00
5785MHz	Pass	3.00	13.80	16.81	17.81	17.43	22.73	30.00
5825MHz	Pass	3.00	13.66	17.09	17.70	17.30	22.72	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	11.36	13.82	15.47	15.31	20.29	30.00
5200MHz	Pass	3.00	11.17	15.11	15.79	15.70	20.81	30.00



Average Power_Pine R2_Antenna set 3_Non beamforming mode_Indoor_P to M

Appendix C.15

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5240MHz	Pass	3.00	11.97	14.40	15.52	15.54	20.60	30.00
5745MHz	Pass	3.00	13.72	18.11	18.27	17.78	23.33	30.00
5785MHz	Pass	3.00	14.16	17.07	18.17	17.81	23.08	30.00
5825MHz	Pass	3.00	13.96	17.18	18.07	17.67	23.00	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	8.57	11.99	12.94	12.53	17.82	30.00
5230MHz	Pass	3.00	11.32	15.18	15.43	15.35	20.63	30.00
5755MHz	Pass	3.00	14.05	17.27	18.40	17.55	23.11	30.00
5795MHz	Pass	3.00	13.70	18.06	18.19	17.72	23.27	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	8.18	10.62	11.74	11.57	16.76	30.00
5775MHz	Pass	3.00	12.68	15.59	16.43	16.33	21.51	30.00

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



**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Indoor_P to M**

Appendix C.16

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.96	0.06252
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.79	0.06012
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.13	0.03258
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.44	0.08790
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.98	0.07907
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.93	0.07816



**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Indoor_P to M**

Appendix C.16

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.01	12.67	15.39	17.25	29.99
5200MHz	Pass	6.01	12.63	16.30	17.85	29.99
5240MHz	Pass	6.01	12.79	16.39	17.96	29.99
5745MHz	Pass	6.01	13.75	18.08	19.44	29.99
5785MHz	Pass	6.01	14.10	17.19	18.92	29.99
5825MHz	Pass	6.01	14.06	17.35	19.02	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.01	11.75	14.26	16.19	29.99
5230MHz	Pass	6.01	12.75	16.16	17.79	29.99
5755MHz	Pass	6.01	14.14	17.20	18.94	29.99
5795MHz	Pass	6.01	14.09	17.28	18.98	29.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.01	10.84	13.11	15.13	29.99
5775MHz	Pass	6.01	14.08	17.21	18.93	29.99

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



**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Indoor_P to M**

Appendix C.17

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.89	0.03083
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.89	0.03083
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.62	0.02897
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.33	0.21528
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.27	0.21232
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.51	0.14158



Average Power_Pine R2_Antenna set 3_Beamforming mode_Indoor_P to M

Appendix C.17

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	5.85	9.57	10.42	8.41	14.89	26.98
5200MHz	Pass	9.02	5.72	9.39	10.22	8.48	14.77	26.98
5240MHz	Pass	9.02	5.93	9.53	10.06	8.57	14.80	26.98
5745MHz	Pass	9.02	13.72	18.11	18.27	17.78	23.33	26.98
5785MHz	Pass	9.02	14.16	17.07	18.17	17.81	23.08	26.98
5825MHz	Pass	9.02	13.96	17.18	18.07	17.67	23.00	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	5.84	9.54	10.32	8.59	14.89	26.98
5230MHz	Pass	9.02	5.54	9.50	10.09	8.58	14.76	26.98
5755MHz	Pass	9.02	14.05	17.27	18.40	17.55	23.11	26.98
5795MHz	Pass	9.02	13.70	18.06	18.19	17.72	23.27	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	5.59	9.23	9.73	8.79	14.62	26.98
5775MHz	Pass	9.02	12.68	15.59	16.43	16.33	21.51	26.98

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



Average Power_Pine R2_Antenna set 3_Non beamforming mode_Outdoor_P to M

Appendix C.18

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP/Elevation angle higher than 30° EIRP (dBm)	EIRP /Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.85	0.02427	16.85/13.85	0.04842/0.02427
802.11ax HEW20_Nss1,(MCS0)_1TX	14.15	0.02600	17.15/14.15	0.05188/0.02600
802.11ax HEW40_Nss1,(MCS0)_1TX	14.07	0.02553	17.07/14.07	0.05093/0.02553
802.11ax HEW80_Nss1,(MCS0)_1TX	12.33	0.01710	15.33/12.33	0.03412/0.01710
802.11a_Nss1,(6Mbps)_2TX	18.34	0.06823	21.34/18.34	0.13614/0.06823
802.11ax HEW20_Nss1,(MCS0)_2TX	18.63	0.07295	21.63/18.63	0.14555/0.07295
802.11ax HEW40_Nss1,(MCS0)_2TX	18.56	0.07178	21.56/18.56	0.14322/0.07178
802.11ax HEW80_Nss1,(MCS0)_2TX	15.13	0.03258	18.13/15.13	0.06501/0.03258
802.11a_Nss1,(6Mbps)_4TX	20.91	0.12331	23.91/20.91	0.24604/0.12331
802.11ax HEW20_Nss1,(MCS0)_4TX	20.81	0.12050	23.81/20.81	0.24044/0.12050
802.11ax HEW40_Nss1,(MCS0)_4TX	20.63	0.11561	23.63/20.63	0.23067/0.11561
802.11ax HEW80_Nss1,(MCS0)_4TX	16.76	0.04742	19.76/16.76	0.09462/0.04742
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.86	0.02432	16.86	0.04853
802.11ax HEW20_Nss1,(MCS0)_1TX	14.24	0.02655	17.24	0.05297
802.11ax HEW40_Nss1,(MCS0)_1TX	14.14	0.02594	17.14	0.05176
802.11ax HEW80_Nss1,(MCS0)_1TX	14.12	0.02582	17.12	0.05152
802.11a_Nss1,(6Mbps)_2TX	18.66	0.07345	21.66	0.14655
802.11ax HEW20_Nss1,(MCS0)_2TX	19.44	0.08790	22.44	0.17539
802.11ax HEW40_Nss1,(MCS0)_2TX	18.98	0.07907	21.98	0.15776
802.11ax HEW80_Nss1,(MCS0)_2TX	18.93	0.07816	21.93	0.15596
802.11a_Nss1,(6Mbps)_4TX	22.80	0.19055	25.80	0.38019
802.11ax HEW20_Nss1,(MCS0)_4TX	23.33	0.21528	26.33	0.42954
802.11ax HEW40_Nss1,(MCS0)_4TX	23.27	0.21232	26.27	0.42364
802.11ax HEW80_Nss1,(MCS0)_4TX	21.51	0.14158	24.51	0.28249



Average Power_Pine R2_Antenna set 3_Non beamforming mode_Outdoor_P to M

Appendix C.18

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP/Elevation angle higher than 30° EIRP	EIRP /Elevation angle higher than 30° EIRP Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	13.74				13.74	30.00	16.74/13.74	36.00/21.00
5200MHz	Pass	3.00	13.75				13.75	30.00	16.75/13.75	36.00/21.00
5240MHz	Pass	3.00	13.85				13.85	30.00	16.85/13.85	36.00/21.00
5745MHz	Pass	3.00	13.86				13.86	30.00	16.86	Inf
5785MHz	Pass	3.00	13.70				13.70	30.00	16.70	Inf
5825MHz	Pass	3.00	13.72				13.72	30.00	16.72	Inf
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	13.66				13.66	30.00	16.66/13.66	36.00/21.00
5200MHz	Pass	3.00	14.05				14.05	30.00	17.05/14.05	36.00/21.00
5240MHz	Pass	3.00	14.15				14.15	30.00	17.15/14.15	36.00/21.00
5745MHz	Pass	3.00	14.24				14.24	30.00	17.24	Inf
5785MHz	Pass	3.00	14.06				14.06	30.00	17.06	Inf
5825MHz	Pass	3.00	13.73				13.73	30.00	16.73	Inf
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	12.61				12.61	30.00	15.61/12.61	36.00/21.00
5230MHz	Pass	3.00	14.07				14.07	30.00	17.07/14.07	36.00/21.00
5755MHz	Pass	3.00	14.14				14.14	30.00	17.14	Inf
5795MHz	Pass	3.00	13.68				13.68	30.00	16.68	Inf
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	12.33				12.33	30.00	15.33/12.33	36.00/21.00
5775MHz	Pass	3.00	14.12				14.12	30.00	17.12	Inf
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.81	15.60			17.44	30.00	20.44/17.44	36.00/21.00
5200MHz	Pass	3.00	13.81	16.46			18.34	30.00	21.34/18.34	36.00/21.00
5240MHz	Pass	3.00	13.94	16.30			18.29	30.00	21.29/18.29	36.00/21.00
5745MHz	Pass	3.00	13.75	16.59			18.41	30.00	21.41	Inf
5785MHz	Pass	3.00	13.68	16.82			18.54	30.00	21.54	Inf
5825MHz	Pass	3.00	13.73	16.98			18.66	30.00	21.66	Inf
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	12.67	15.39			17.25	30.00	20.25/17.25	36.00/21.00
5200MHz	Pass	3.00	14.21	16.69			18.63	30.00	21.63/18.63	36.00/21.00
5240MHz	Pass	3.00	14.10	16.65			18.57	30.00	21.57/18.57	36.00/21.00
5745MHz	Pass	3.00	13.75	18.08			19.44	30.00	22.44	Inf
5785MHz	Pass	3.00	14.10	17.19			18.92	30.00	21.92	Inf
5825MHz	Pass	3.00	14.06	17.35			19.02	30.00	22.02	Inf
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	11.75	14.26			16.19	30.00	19.19/16.19	36.00/21.00
5230MHz	Pass	3.00	14.14	16.61			18.56	30.00	21.56/18.56	36.00/21.00
5755MHz	Pass	3.00	14.14	17.20			18.94	30.00	21.94	Inf
5795MHz	Pass	3.00	14.09	17.28			18.98	30.00	21.98	Inf
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	10.84	13.11			15.13	30.00	18.13/15.13	36.00/21.00
5775MHz	Pass	3.00	14.08	17.21			18.93	30.00	21.93	Inf
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	11.39	14.09	15.57	14.79	20.24	30.00	23.24/20.24	36.00/21.00
5200MHz	Pass	3.00	11.22	15.23	15.85	15.83	20.91	30.00	23.91/20.91	36.00/21.00
5240MHz	Pass	3.00	11.99	14.46	15.50	15.57	20.62	30.00	23.62/20.62	36.00/21.00
5745MHz	Pass	3.00	13.83	16.84	18.05	17.35	22.80	30.00	25.80	Inf
5785MHz	Pass	3.00	13.80	16.81	17.81	17.43	22.73	30.00	25.73	Inf
5825MHz	Pass	3.00	13.66	17.09	17.70	17.30	22.72	30.00	25.72	Inf
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	11.36	13.82	15.47	15.31	20.29	30.00	23.29/20.29	36.00/21.00



Average Power_Pine R2_Antenna set 3_Non beamforming mode_Outdoor_P to M

Appendix C.18

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP/Elevation angle higher than 30° EIRP (dBm)	EIRP /Elevation angle higher than 30° EIRP Limit (dBm)
5200MHz	Pass	3.00	11.17	15.11	15.79	15.70	20.81	30.00	23.81/20.81	36.00/21.00
5240MHz	Pass	3.00	11.97	14.40	15.52	15.54	20.60	30.00	23.60/20.60	36.00/21.00
5745MHz	Pass	3.00	13.72	18.11	18.27	17.78	23.33	30.00	26.33	Inf
5785MHz	Pass	3.00	14.16	17.07	18.17	17.81	23.08	30.00	26.08	Inf
5825MHz	Pass	3.00	13.96	17.18	18.07	17.67	23.00	30.00	26.00	Inf
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	8.57	11.99	12.94	12.53	17.82	30.00	20.82/17.82	36.00/21.00
5230MHz	Pass	3.00	11.32	15.18	15.43	15.35	20.63	30.00	23.63/20.63	36.00/21.00
5755MHz	Pass	3.00	14.05	17.27	18.40	17.55	23.11	30.00	26.11	Inf
5795MHz	Pass	3.00	13.70	18.06	18.19	17.72	23.27	30.00	26.27	Inf
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	8.18	10.62	11.74	11.57	16.76	30.00	19.76/16.76	36.00/21.00
5775MHz	Pass	3.00	12.68	15.59	16.43	16.33	21.51	30.00	24.51	Inf

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



**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M**

Appendix C.19

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.96	0.06252	23.97/20.97	0.24946/0.12503
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.79	0.06012	23.80/20.80	0.23988/0.12023
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.13	0.03258	21.14/18.14	0.13002/0.06516
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.44	0.08790	25.45	0.35075
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.98	0.07907	24.99	0.31550
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.93	0.07816	24.94	0.31189



Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M

Appendix C.19

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.01	12.67	15.39	17.25	29.99	23.26/20.26	36.00/21.00
5200MHz	Pass	6.01	12.63	16.30	17.85	29.99	23.86/20.86	36.00/21.00
5240MHz	Pass	6.01	12.79	16.39	17.96	29.99	23.97/20.97	36.00/21.00
5745MHz	Pass	6.01	13.75	18.08	19.44	29.99	25.45	Inf
5785MHz	Pass	6.01	14.10	17.19	18.92	29.99	24.93	Inf
5825MHz	Pass	6.01	14.06	17.35	19.02	29.99	25.03	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.01	11.75	14.26	16.19	29.99	22.20/19.20	36.00/21.00
5230MHz	Pass	6.01	12.75	16.16	17.79	29.99	23.80/20.80	36.00/21.00
5755MHz	Pass	6.01	14.14	17.20	18.94	29.99	24.95	Inf
5795MHz	Pass	6.01	14.09	17.28	18.98	29.99	24.99	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.01	10.84	13.11	15.13	29.99	21.14/18.14	36.00/21.00
5775MHz	Pass	6.01	14.08	17.21	18.93	29.99	24.94	Inf

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



**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M**

Appendix C.20

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.89	0.03083	23.91/20.91	0.24604/0.12331
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.89	0.03083	23.91/20.91	0.24604/0.12331
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.62	0.02897	23.64/20.64	0.23121/0.11588
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.33	0.21528	32.35	1.71791
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.27	0.21232	32.29	1.69434
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.51	0.14158	30.53	1.12980



Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M

Appendix C.20

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP /Elevation angle higher than 30° EIRP	EIRP Limit / Elevation angle higher than 30° EIRP Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	5.85	9.57	10.42	8.41	14.89	26.98	23.91/20.91	36.00/21.00
5200MHz	Pass	9.02	5.72	9.39	10.22	8.48	14.77	26.98	23.79/20.79	36.00/21.00
5240MHz	Pass	9.02	5.93	9.53	10.06	8.57	14.80	26.98	23.82/20.82	36.00/21.00
5745MHz	Pass	9.02	13.72	18.11	18.27	17.78	23.33	26.98	32.35	Inf
5785MHz	Pass	9.02	14.16	17.07	18.17	17.81	23.08	26.98	32.10	Inf
5825MHz	Pass	9.02	13.96	17.18	18.07	17.67	23.00	26.98	32.02	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	5.84	9.54	10.32	8.59	14.89	26.98	23.91/20.91	36.00/21.00
5230MHz	Pass	9.02	5.54	9.50	10.09	8.58	14.76	26.98	23.78/20.78	36.00/21.00
5755MHz	Pass	9.02	14.05	17.27	18.40	17.55	23.11	26.98	32.13	Inf
5795MHz	Pass	9.02	13.70	18.06	18.19	17.72	23.27	26.98	32.29	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	5.59	9.23	9.73	8.79	14.62	26.98	23.64/20.64	36.00/21.00
5775MHz	Pass	9.02	12.68	15.59	16.43	16.33	21.51	26.98	30.53	Inf

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



**Average Power_Pine R2_Antenna set 10_Non beamforming
mode_Indoor_P to M**

Appendi C.21

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.76	0.01888
802.11ax HEW20_Nss1,(MCS0)_1TX	13.00	0.01995
802.11ax HEW40_Nss1,(MCS0)_1TX	12.07	0.01611
802.11ax HEW80_Nss1,(MCS0)_1TX	7.56	0.00570
802.11a_Nss1,(6Mbps)_2TX	16.77	0.04753
802.11ax HEW20_Nss1,(MCS0)_2TX	17.17	0.05212
802.11ax HEW40_Nss1,(MCS0)_2TX	10.16	0.01038
802.11ax HEW80_Nss1,(MCS0)_2TX	9.72	0.00938
802.11a_Nss1,(6Mbps)_4TX	10.32	0.01076
802.11ax HEW20_Nss1,(MCS0)_4TX	14.22	0.02642
802.11ax HEW40_Nss1,(MCS0)_4TX	14.99	0.03155
802.11ax HEW80_Nss1,(MCS0)_4TX	9.49	0.00889
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.41	0.01742
802.11ax HEW20_Nss1,(MCS0)_1TX	12.71	0.01866
802.11ax HEW40_Nss1,(MCS0)_1TX	12.59	0.01816
802.11ax HEW80_Nss1,(MCS0)_1TX	12.61	0.01824
802.11a_Nss1,(6Mbps)_2TX	17.38	0.05470
802.11ax HEW20_Nss1,(MCS0)_2TX	17.25	0.05309
802.11ax HEW40_Nss1,(MCS0)_2TX	17.42	0.05521
802.11ax HEW80_Nss1,(MCS0)_2TX	16.43	0.04395
802.11a_Nss1,(6Mbps)_4TX	17.45	0.05559
802.11ax HEW20_Nss1,(MCS0)_4TX	17.44	0.05546
802.11ax HEW40_Nss1,(MCS0)_4TX	17.36	0.05445
802.11ax HEW80_Nss1,(MCS0)_4TX	17.17	0.05212



Average Power_Pine R2_Antenna set 10_Non beamforming mode_Indoor_P to M

Appendi C.21

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	10.70				10.70	17.47
5200MHz	Pass	18.53	12.63				12.63	17.47
5240MHz	Pass	18.53	12.76				12.76	17.47
5745MHz	Pass	18.53	12.20				12.20	17.47
5785MHz	Pass	18.53	12.41				12.41	17.47
5825MHz	Pass	18.53	12.22				12.22	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	6.90				6.90	17.47
5200MHz	Pass	18.53	6.94				6.94	17.47
5240MHz	Pass	18.53	13.00				13.00	17.47
5745MHz	Pass	18.53	12.66				12.66	17.47
5785MHz	Pass	18.53	12.65				12.65	17.47
5825MHz	Pass	18.53	12.71				12.71	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	8.02				8.02	17.47
5230MHz	Pass	18.53	12.07				12.07	17.47
5755MHz	Pass	18.53	12.59				12.59	17.47
5795MHz	Pass	18.53	12.58				12.58	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	7.56				7.56	17.47
5775MHz	Pass	18.53	12.61				12.61	17.47
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	4.47	8.24			9.76	17.47
5200MHz	Pass	18.53	11.61	15.03			16.66	17.47
5240MHz	Pass	18.53	11.91	15.05			16.77	17.47
5745MHz	Pass	18.53	12.14	15.84			17.38	17.47
5785MHz	Pass	18.53	12.14	15.68			17.27	17.47
5825MHz	Pass	18.53	11.83	15.74			17.22	17.47
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.89	11.74			13.56	17.47
5200MHz	Pass	18.53	11.94	15.40			17.02	17.47
5240MHz	Pass	18.53	12.16	15.52			17.17	17.47
5745MHz	Pass	18.53	11.60	15.42			16.93	17.47
5785MHz	Pass	18.53	12.09	15.67			17.25	17.47
5825MHz	Pass	18.53	11.77	15.67			17.15	17.47
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	4.87	8.63			10.16	17.47
5230MHz	Pass	18.53	4.77	8.59			10.10	17.47
5755MHz	Pass	18.53	12.02	15.94			17.42	17.47
5795MHz	Pass	18.53	11.83	15.66			17.16	17.47
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.58	8.13			9.72	17.47
5775MHz	Pass	18.53	11.07	14.94			16.43	17.47
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	1.22	5.09	4.87	4.99	10.32	17.47
5200MHz	Pass	18.53	0.39	4.49	4.10	3.90	9.51	17.47
5240MHz	Pass	18.53	0.81	4.34	5.33	4.36	10.03	17.47
5745MHz	Pass	18.53	8.36	11.93	12.56	11.81	17.45	17.47
5785MHz	Pass	18.53	8.27	11.84	12.10	11.57	17.21	17.47
5825MHz	Pass	18.53	8.05	11.86	11.93	11.58	17.14	17.47
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	2.03	6.24	6.15	6.51	11.58	17.47



Average Power_Pine R2_Antenna set 10_Non beamforming mode_Indoor_P to M

Appendi C.21

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5200MHz	Pass	18.53	5.05	8.72	9.14	8.78	14.22	17.47
5240MHz	Pass	18.53	5.21	8.80	8.47	8.78	14.06	17.47
5745MHz	Pass	18.53	8.38	11.88	12.49	11.89	17.44	17.47
5785MHz	Pass	18.53	8.12	11.68	12.04	11.68	17.15	17.47
5825MHz	Pass	18.53	8.00	11.79	12.10	11.55	17.15	17.47
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	1.30	5.56	5.67	5.94	10.99	17.47
5230MHz	Pass	18.53	5.88	9.68	8.69	10.40	14.99	17.47
5755MHz	Pass	18.53	8.14	11.82	12.47	11.77	17.36	17.47
5795MHz	Pass	18.53	8.00	11.63	11.77	11.52	17.00	17.47
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	0.35	3.80	4.00	4.62	9.49	17.47
5775MHz	Pass	18.53	8.09	11.77	12.06	11.63	17.17	17.47

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.17	0.05212
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.16	0.01038
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.72	0.00938
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.25	0.05309
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.42	0.05521
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.43	0.04395



Average Power_Pine R2_Antenna set 10_Beamforming mode_
P to M

Appendix C.22

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.53	8.89	11.74	13.56	17.47
5200MHz	Pass	18.53	11.94	15.4	17.02	17.47
5240MHz	Pass	18.53	12.16	15.52	17.17	17.47
5745MHz	Pass	18.53	11.6	15.42	16.93	17.47
5785MHz	Pass	18.53	12.09	15.67	17.25	17.47
5825MHz	Pass	18.53	11.77	15.67	17.15	17.47
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	18.53	4.87	8.63	10.16	17.47
5230MHz	Pass	18.53	4.77	8.59	10.10	17.47
5755MHz	Pass	18.53	12.02	15.94	17.42	17.47
5795MHz	Pass	18.53	11.83	15.66	17.16	17.47
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	18.53	4.58	8.13	9.72	17.47
5775MHz	Pass	18.53	11.07	14.94	16.43	17.47

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.22	0.02642
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.25	0.02661
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.49	0.00889
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.38	0.02742
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.29	0.02685
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.18	0.02618



**Average Power_Pine R2_Antenna set 10_Beamforming mode_
P to M**

Appendix C.23

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	21.54	2.03	6.24	6.15	6.51	11.58	14.46
5200MHz	Pass	21.54	5.05	8.72	9.14	8.78	14.22	14.46
5240MHz	Pass	21.54	5.21	8.8	8.47	8.78	14.06	14.46
5745MHz	Pass	21.54	5.20	8.98	9.45	8.68	14.38	14.46
5785MHz	Pass	21.54	5.26	8.91	9.19	8.61	14.26	14.46
5825MHz	Pass	21.54	4.95	8.85	8.91	8.61	14.12	14.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	21.54	1.3	5.56	5.67	5.94	10.99	14.46
5230MHz	Pass	21.54	5.39	8.62	9.14	8.86	14.25	14.46
5755MHz	Pass	21.54	5.07	8.95	9.29	8.64	14.29	14.46
5795MHz	Pass	21.54	4.86	8.71	8.90	8.41	14.01	14.46
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	21.54	0.35	3.8	4	4.62	9.49	14.46
5775MHz	Pass	21.54	5.11	8.87	9.03	8.61	14.18	14.46

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



Average Power_Pine R2_Antenna set 10_Non beamforming mode_Outdoor_P to M

Appendix C.24

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	12.76	0.01888	31.29/6.79	1.34586/0.00478
802.11ax HEW20_Nss1,(MCS0)_1TX	13.00	0.01995	31.53/7.03	1.42233/0.00505
802.11ax HEW40_Nss1,(MCS0)_1TX	12.07	0.01611	30.60/6.10	1.14815/0.00407
802.11ax HEW80_Nss1,(MCS0)_1TX	7.56	0.00570	26.09/1.59	0.40644/0.00144
802.11a_Nss1,(6Mbps)_2TX	16.77	0.04753	35.30/10.80	3.38844/0.01202
802.11ax HEW20_Nss1,(MCS0)_2TX	17.17	0.05212	35.70/11.20	3.71535/0.01318
802.11ax HEW40_Nss1,(MCS0)_2TX	10.16	0.01038	28.69/4.19	0.73961/0.00262
802.11ax HEW80_Nss1,(MCS0)_2TX	9.72	0.00938	28.25/3.75	0.66834/0.00237
802.11a_Nss1,(6Mbps)_4TX	10.32	0.01076	28.85/4.35	0.76736/0.00272
802.11ax HEW20_Nss1,(MCS0)_4TX	14.22	0.02642	32.75/8.25	1.88365/0.00668
802.11ax HEW40_Nss1,(MCS0)_4TX	14.99	0.03155	33.52/9.02	2.24905/0.00798
802.11ax HEW80_Nss1,(MCS0)_4TX	9.49	0.00889	28.02/3.52	0.63387/0.00225
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	12.41	0.01742	30.94	1.24165
802.11ax HEW20_Nss1,(MCS0)_1TX	12.71	0.01866	31.24	1.33045
802.11ax HEW40_Nss1,(MCS0)_1TX	12.59	0.01816	31.12	1.29420
802.11ax HEW80_Nss1,(MCS0)_1TX	12.61	0.01824	31.14	1.30017
802.11a_Nss1,(6Mbps)_2TX	17.38	0.05470	35.91	3.89942
802.11ax HEW20_Nss1,(MCS0)_2TX	17.25	0.05309	35.78	3.78443
802.11ax HEW40_Nss1,(MCS0)_2TX	17.42	0.05521	35.95	3.93550
802.11ax HEW80_Nss1,(MCS0)_2TX	16.43	0.04395	34.96	3.13329
802.11a_Nss1,(6Mbps)_4TX	17.45	0.05559	35.98	3.96278
802.11ax HEW20_Nss1,(MCS0)_4TX	17.44	0.05546	35.97	3.95367
802.11ax HEW40_Nss1,(MCS0)_4TX	17.36	0.05445	35.89	3.88150
802.11ax HEW80_Nss1,(MCS0)_4TX	17.17	0.05212	35.70	3.71535



Average Power_Pine R2_Antenna set 10_Non beamforming mode_Outdoor_P to M

Appendix C.24

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	10.70				10.70	17.47	29.23/4.73	36.00/21.00
5200MHz	Pass	18.53	12.63				12.63	17.47	31.16/6.66	36.00/21.00
5240MHz	Pass	18.53	12.76				12.76	17.47	31.29/6.79	36.00/21.00
5745MHz	Pass	18.53	12.20				12.20	17.47	30.73	36.00
5785MHz	Pass	18.53	12.41				12.41	17.47	30.94	36.00
5825MHz	Pass	18.53	12.22				12.22	17.47	30.75	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	6.90				6.90	17.47	25.43/0.93	36.00/21.00
5200MHz	Pass	18.53	6.94				6.94	17.47	25.47/0.97	36.00/21.00
5240MHz	Pass	18.53	13.00				13.00	17.47	31.53/7.03	36.00/21.00
5745MHz	Pass	18.53	12.66				12.66	17.47	31.19	36.00
5785MHz	Pass	18.53	12.65				12.65	17.47	31.18	36.00
5825MHz	Pass	18.53	12.71				12.71	17.47	31.24	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	8.02				8.02	17.47	26.55/2.05	36.00/21.00
5230MHz	Pass	18.53	12.07				12.07	17.47	30.60/6.10	36.00/21.00
5755MHz	Pass	18.53	12.59				12.59	17.47	31.12	36.00
5795MHz	Pass	18.53	12.58				12.58	17.47	31.11	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	7.56				7.56	17.47	26.09/1.59	36.00/21.00
5775MHz	Pass	18.53	12.61				12.61	17.47	31.14	36.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	4.47	8.24			9.76	17.47	28.29/3.79	36.00/21.00
5200MHz	Pass	18.53	11.61	15.03			16.66	17.47	35.19/10.69	36.00/21.00
5240MHz	Pass	18.53	11.91	15.05			16.77	17.47	35.30/10.80	36.00/21.00
5745MHz	Pass	18.53	12.14	15.84			17.38	17.47	35.91	36.00
5785MHz	Pass	18.53	12.14	15.68			17.27	17.47	35.80	36.00
5825MHz	Pass	18.53	11.83	15.74			17.22	17.47	35.75	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.89	11.74			13.56	17.47	32.09/7.59	36.00/21.00
5200MHz	Pass	18.53	11.94	15.40			17.02	17.47	35.55/11.05	36.00/21.00
5240MHz	Pass	18.53	12.16	15.52			17.17	17.47	35.70/11.20	36.00/21.00
5745MHz	Pass	18.53	11.60	15.42			16.93	17.47	35.46	36.00
5785MHz	Pass	18.53	12.09	15.67			17.25	17.47	35.78	36.00
5825MHz	Pass	18.53	11.77	15.67			17.15	17.47	35.68	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	4.87	8.63			10.16	17.47	28.69/4.19	36.00/21.00
5230MHz	Pass	18.53	4.77	8.59			10.10	17.47	28.63/4.13	36.00/21.00
5755MHz	Pass	18.53	12.02	15.94			17.42	17.47	35.95	36.00
5795MHz	Pass	18.53	11.83	15.66			17.16	17.47	35.69	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.58	8.13			9.72	17.47	28.25/3.75	36.00/21.00
5775MHz	Pass	18.53	11.07	14.94			16.43	17.47	34.96	36.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	1.22	5.09	4.87	4.99	10.32	17.47	28.85/4.35	36.00/21.00
5200MHz	Pass	18.53	0.39	4.49	4.10	3.90	9.51	17.47	28.04/3.54	36.00/21.00
5240MHz	Pass	18.53	0.81	4.34	5.33	4.36	10.03	17.47	28.56/4.06	36.00/21.00
5745MHz	Pass	18.53	8.36	11.93	12.56	11.81	17.45	17.47	35.98	36.00
5785MHz	Pass	18.53	8.27	11.84	12.10	11.57	17.21	17.47	35.74	36.00
5825MHz	Pass	18.53	8.05	11.86	11.93	11.58	17.14	17.47	35.67	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	2.03	6.24	6.15	6.51	11.58	17.47	30.11/5.61	36.00/21.00



Average Power_Pine R2_Antenna set 10_Non beamforming mode_Outdoor_P to M

Appendix C.24

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
5200MHz	Pass	18.53	5.05	8.72	9.14	8.78	14.22	17.47	32.75/8.25	36.00/21.00
5240MHz	Pass	18.53	5.21	8.80	8.47	8.78	14.06	17.47	32.59/8.09	36.00/21.00
5745MHz	Pass	18.53	8.38	11.88	12.49	11.89	17.44	17.47	35.97	36.00
5785MHz	Pass	18.53	8.12	11.68	12.04	11.68	17.15	17.47	35.68	36.00
5825MHz	Pass	18.53	8.00	11.79	12.10	11.55	17.15	17.47	35.68	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	1.30	5.56	5.67	5.94	10.99	17.47	29.52/5.02	36.00/21.00
5230MHz	Pass	18.53	5.88	9.68	8.69	10.40	14.99	17.47	33.52/9.02	36.00/21.00
5755MHz	Pass	18.53	8.14	11.82	12.47	11.77	17.36	17.47	35.89	36.00
5795MHz	Pass	18.53	8.00	11.63	11.77	11.52	17.00	17.47	35.53	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	0.35	3.80	4.00	4.62	9.49	17.47	28.02/3.52	36.00/21.00
5775MHz	Pass	18.53	8.09	11.77	12.06	11.63	17.17	17.47	35.70	36.00

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



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.25

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.17	0.05212	35.70/11.20	3.71535/0.01318
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.16	0.01038	28.69/4.19	0.73961/0.00262
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.72	0.00938	28.25/3.75	0.66834/0.00237
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.25	0.05309	35.78	3.78443
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.42	0.05521	35.95	3.93550
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.43	0.04395	34.96	3.13329



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.25

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.89	11.74	13.56	17.47	32.09/7.59	36.00/21.00
5200MHz	Pass	18.53	11.94	15.4	17.02	17.47	35.55/11.05	36.00/21.00
5240MHz	Pass	18.53	12.16	15.52	17.17	17.47	35.70/11.20	36.00/21.00
5745MHz	Pass	18.53	11.6	15.42	16.93	17.47	35.46	36.00
5785MHz	Pass	18.53	12.09	15.67	17.25	17.47	35.78	36.00
5825MHz	Pass	18.53	11.77	15.67	17.15	17.47	35.68	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	4.87	8.63	10.16	17.47	28.69/4.19	36.00/21.00
5230MHz	Pass	18.53	4.77	8.59	10.10	17.47	28.63/4.13	36.00/21.00
5755MHz	Pass	18.53	12.02	15.94	17.42	17.47	35.95	36.00
5795MHz	Pass	18.53	11.83	15.66	17.16	17.47	35.69	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.58	8.13	9.72	17.47	28.25/3.75	36.00/21.00
5775MHz	Pass	18.53	11.07	14.94	16.43	17.47	34.96	36.00

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



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.26

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.22	0.02642	35.76/11.26	3.76704/0.01337
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.25	0.02661	35.79/11.29	3.79315/0.01346
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.49	0.00889	31.03/6.53	1.26765/0.00450
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.38	0.02742	35.92	3.90841
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.29	0.02685	35.83	3.82825
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.18	0.02618	35.72	3.73250



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.26

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	21.54	2.03	6.24	6.15	6.51	11.58	14.46	33.12/8.62	36.00/21.00
5200MHz	Pass	21.54	5.05	8.72	9.14	8.78	14.22	14.46	35.76/11.26	36.00/21.00
5240MHz	Pass	21.54	5.21	8.8	8.47	8.78	14.06	14.46	35.60/11.10	36.00/21.00
5745MHz	Pass	21.54	5.20	8.98	9.45	8.68	14.38	14.46	35.92	36.00
5785MHz	Pass	21.54	5.26	8.91	9.19	8.61	14.26	14.46	35.80	36.00
5825MHz	Pass	21.54	4.95	8.85	8.91	8.61	14.12	14.46	35.66	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	21.54	1.3	5.56	5.67	5.94	10.99	14.46	32.53/8.03	36.00/21.00
5230MHz	Pass	21.54	5.39	8.62	9.14	8.86	14.25	14.46	35.79/11.29	36.00/21.00
5755MHz	Pass	21.54	5.07	8.95	9.29	8.64	14.29	14.46	35.83	36.00
5795MHz	Pass	21.54	4.86	8.71	8.90	8.41	14.01	14.46	35.55	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	21.54	0.35	3.8	4	4.62	9.49	14.46	31.03/6.53	36.00/21.00
5775MHz	Pass	21.54	5.11	8.87	9.03	8.61	14.18	14.46	35.72	36.00

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



**Average Power_Pine R2_Antenna set 10_Non beamforming
mode_Indoor_Outdoor_P to P**

Appendix C.27

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.76	0.01888
802.11ax HEW20_Nss1,(MCS0)_1TX	13.00	0.01995
802.11ax HEW40_Nss1,(MCS0)_1TX	12.07	0.01611
802.11ax HEW80_Nss1,(MCS0)_1TX	7.56	0.00570
802.11a_Nss1,(6Mbps)_2TX	17.73	0.05929
802.11ax HEW20_Nss1,(MCS0)_2TX	18.10	0.06457
802.11ax HEW40_Nss1,(MCS0)_2TX	10.16	0.01038
802.11ax HEW80_Nss1,(MCS0)_2TX	9.72	0.00938
802.11a_Nss1,(6Mbps)_4TX	10.32	0.01076
802.11ax HEW20_Nss1,(MCS0)_4TX	14.22	0.02642
802.11ax HEW40_Nss1,(MCS0)_4TX	14.99	0.03155
802.11ax HEW80_Nss1,(MCS0)_4TX	9.49	0.00889
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.41	0.01742
802.11ax HEW20_Nss1,(MCS0)_1TX	12.71	0.01866
802.11ax HEW40_Nss1,(MCS0)_1TX	12.59	0.01816
802.11ax HEW80_Nss1,(MCS0)_1TX	12.61	0.01824
802.11a_Nss1,(6Mbps)_2TX	17.38	0.05470
802.11ax HEW20_Nss1,(MCS0)_2TX	18.06	0.06397
802.11ax HEW40_Nss1,(MCS0)_2TX	18.37	0.06871
802.11ax HEW80_Nss1,(MCS0)_2TX	16.43	0.04395
802.11a_Nss1,(6Mbps)_4TX	17.45	0.05559
802.11ax HEW20_Nss1,(MCS0)_4TX	17.44	0.05546
802.11ax HEW40_Nss1,(MCS0)_4TX	17.36	0.05445
802.11ax HEW80_Nss1,(MCS0)_4TX	17.17	0.05212



Average Power_Pine R2_Antenna set 10_Non beamforming mode_Indoor_Outdoor_P to P

Appendix C.27

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	10.70				10.70	30.00
5200MHz	Pass	18.53	12.63				12.63	30.00
5240MHz	Pass	18.53	12.76				12.76	30.00
5745MHz	Pass	18.53	12.20				12.20	30.00
5785MHz	Pass	18.53	12.41				12.41	30.00
5825MHz	Pass	18.53	12.22				12.22	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	6.90				6.90	30.00
5200MHz	Pass	18.53	6.94				6.94	30.00
5240MHz	Pass	18.53	13.00				13.00	30.00
5745MHz	Pass	18.53	12.66				12.66	30.00
5785MHz	Pass	18.53	12.65				12.65	30.00
5825MHz	Pass	18.53	12.71				12.71	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	8.02				8.02	30.00
5230MHz	Pass	18.53	12.07				12.07	30.00
5755MHz	Pass	18.53	12.59				12.59	30.00
5795MHz	Pass	18.53	12.58				12.58	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	7.56				7.56	30.00
5775MHz	Pass	18.53	12.61				12.61	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	4.47	8.24			9.76	30.00
5200MHz	Pass	18.53	11.61	15.03			16.66	30.00
5240MHz	Pass	18.53	12.80	16.04			17.73	30.00
5745MHz	Pass	18.53	12.14	15.84			17.38	30.00
5785MHz	Pass	18.53	12.14	15.68			17.27	30.00
5825MHz	Pass	18.53	11.83	15.74			17.22	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.89	11.74			13.56	30.00
5200MHz	Pass	18.53	11.94	15.40			17.02	30.00
5240MHz	Pass	18.53	13.07	16.47			18.10	30.00
5745MHz	Pass	18.53	12.16	16.77			18.06	30.00
5785MHz	Pass	18.53	12.09	15.67			17.25	30.00
5825MHz	Pass	18.53	11.77	15.67			17.15	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	4.87	8.63			10.16	30.00
5230MHz	Pass	18.53	4.77	8.59			10.10	30.00
5755MHz	Pass	18.53	13.02	16.87			18.37	30.00
5795MHz	Pass	18.53	11.83	15.66			17.16	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.58	8.13			9.72	30.00
5775MHz	Pass	18.53	11.07	14.94			16.43	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	1.22	5.09	4.87	4.99	10.32	30.00
5200MHz	Pass	18.53	0.39	4.49	4.10	3.90	9.51	30.00
5240MHz	Pass	18.53	0.81	4.34	5.33	4.36	10.03	30.00
5745MHz	Pass	18.53	8.36	11.93	12.56	11.81	17.45	30.00
5785MHz	Pass	18.53	8.27	11.84	12.10	11.57	17.21	30.00
5825MHz	Pass	18.53	8.05	11.86	11.93	11.58	17.14	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	2.03	6.24	6.15	6.51	11.58	30.00
5200MHz	Pass	18.53	5.05	8.72	9.14	8.78	14.22	30.00
5240MHz	Pass	18.53	5.21	8.80	8.47	8.78	14.06	30.00



**Average Power_Pine R2_Antenna set 10_Non beamforming
mode_Indoor_Outdoor_P to P**

Appendix C.27

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5745MHz	Pass	18.53	8.38	11.88	12.49	11.89	17.44	30.00
5785MHz	Pass	18.53	8.12	11.68	12.04	11.68	17.15	30.00
5825MHz	Pass	18.53	8.00	11.79	12.10	11.55	17.15	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	1.30	5.56	5.67	5.94	10.99	30.00
5230MHz	Pass	18.53	5.88	9.68	8.69	10.40	14.99	30.00
5755MHz	Pass	18.53	8.14	11.82	12.47	11.77	17.36	30.00
5795MHz	Pass	18.53	8.00	11.63	11.77	11.52	17.00	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	0.35	3.80	4.00	4.62	9.49	30.00
5775MHz	Pass	18.53	8.09	11.77	12.06	11.63	17.17	30.00

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



**Average Power_Pine R2_Antenna set 10_Beamforming mode_
Indoor_Outdoor_P to P**

Appendix C.28

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.10	0.06457
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.16	0.01038
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.72	0.00938
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.22	0.02642
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.99	0.03155
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.49	0.00889
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.06	0.06397
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.37	0.06871
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.43	0.04395
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.44	0.05546
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.36	0.05445
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.17	0.05212



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Indoor_Outdoor_P to P

Appendix C.28

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.53	8.89	11.74			13.56	30.00
5200MHz	Pass	18.53	11.94	15.40			17.02	30.00
5240MHz	Pass	18.53	13.07	16.47			18.10	30.00
5745MHz	Pass	18.53	12.16	16.77			18.06	30.00
5785MHz	Pass	18.53	12.09	15.67			17.25	30.00
5825MHz	Pass	18.53	11.77	15.67			17.15	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.53	4.87	8.63			10.16	30.00
5230MHz	Pass	18.53	4.77	8.59			10.10	30.00
5755MHz	Pass	18.53	13.02	16.87			18.37	30.00
5795MHz	Pass	18.53	11.83	15.66			17.16	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.53	4.58	8.13			9.72	30.00
5775MHz	Pass	18.53	11.07	14.94			16.43	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	21.54	2.03	6.24	6.15	6.51	11.58	30.00
5200MHz	Pass	21.54	5.05	8.72	9.14	8.78	14.22	30.00
5240MHz	Pass	21.54	5.21	8.80	8.47	8.78	14.06	30.00
5745MHz	Pass	21.54	8.38	11.88	12.49	11.89	17.44	30.00
5785MHz	Pass	21.54	8.12	11.68	12.04	11.68	17.15	30.00
5825MHz	Pass	21.54	8.00	11.79	12.10	11.55	17.15	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	21.54	1.30	5.56	5.67	5.94	10.99	30.00
5230MHz	Pass	21.54	5.88	9.68	8.69	10.40	14.99	30.00
5755MHz	Pass	21.54	8.14	11.82	12.47	11.77	17.36	30.00
5795MHz	Pass	21.54	8.00	11.63	11.77	11.52	17.00	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	21.54	0.35	3.80	4.00	4.62	9.49	30.00
5775MHz	Pass	21.54	8.09	11.77	12.06	11.63	17.17	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.09	0.04064
802.11ax HEW20_Nss1,(MCS0)_1TX	16.48	0.04446
802.11ax HEW40_Nss1,(MCS0)_1TX	16.02	0.03999
802.11ax HEW80_Nss1,(MCS0)_1TX	15.55	0.03589
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.89	0.04887
802.11ax HEW20_Nss1,(MCS0)_1TX	17.20	0.05248
802.11ax HEW40_Nss1,(MCS0)_1TX	17.36	0.05445
802.11ax HEW80_Nss1,(MCS0)_1TX	17.31	0.05383



**Average Power_Scanning R3_Antenna set 3_Indoor_
P to M**

Appendix C.29

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	16.09	16.09	30.00
5200MHz	Pass	3.00	14.81	14.81	30.00
5240MHz	Pass	3.00	15.42	15.42	30.00
5745MHz	Pass	3.00	16.75	16.75	30.00
5785MHz	Pass	3.00	16.89	16.89	30.00
5825MHz	Pass	3.00	16.74	16.74	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	16.48	16.48	30.00
5200MHz	Pass	3.00	16.34	16.34	30.00
5240MHz	Pass	3.00	15.82	15.82	30.00
5745MHz	Pass	3.00	17.14	17.14	30.00
5785MHz	Pass	3.00	17.20	17.20	30.00
5825MHz	Pass	3.00	17.12	17.12	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	16.02	16.02	30.00
5230MHz	Pass	3.00	15.77	15.77	30.00
5755MHz	Pass	3.00	17.22	17.22	30.00
5795MHz	Pass	3.00	17.36	17.36	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.00	15.55	15.55	30.00
5775MHz	Pass	3.00	17.31	17.31	30.00

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



Average Power_Scanning R3 Antenna set 3_Outdoor_P to M Appendix C.30

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.09	0.04064	19.09/16.09	0.08110/0.04064
802.11ax HEW20_Nss1,(MCS0)_1TX	16.48	0.04446	19.48/16.48	0.08872/0.04446
802.11ax HEW40_Nss1,(MCS0)_1TX	16.02	0.03999	19.02/16.02	0.07980/0.03999
802.11ax HEW80_Nss1,(MCS0)_1TX	15.55	0.03589	18.55/15.55	0.07161/0.03589
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.89	0.04887	19.89	0.09750
802.11ax HEW20_Nss1,(MCS0)_1TX	17.20	0.05248	20.20	0.10471
802.11ax HEW40_Nss1,(MCS0)_1TX	17.36	0.05445	20.36	0.10864
802.11ax HEW80_Nss1,(MCS0)_1TX	17.31	0.05383	20.31	0.10740



Average Power_Scanning R3 Antenna set 3_Outdoor_P to M Appendix C.30

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.00	16.09	16.09	30.00	19.09/16.09	36.00/21.00
5200MHz	Pass	3.00	14.81	14.81	30.00	17.81/14.81	36.00/21.00
5240MHz	Pass	3.00	15.42	15.42	30.00	18.42/15.42	36.00/21.00
5745MHz	Pass	3.00	16.75	16.75	30.00	19.75	Inf
5785MHz	Pass	3.00	16.89	16.89	30.00	19.89	Inf
5825MHz	Pass	3.00	16.74	16.74	30.00	19.74	Inf
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.00	16.48	16.48	30.00	19.48/16.48	36.00/21.00
5200MHz	Pass	3.00	16.34	16.34	30.00	19.34/16.34	36.00/21.00
5240MHz	Pass	3.00	15.82	15.82	30.00	18.82/15.82	36.00/21.00
5745MHz	Pass	3.00	17.14	17.14	30.00	20.14	Inf
5785MHz	Pass	3.00	17.20	17.20	30.00	20.20	Inf
5825MHz	Pass	3.00	17.12	17.12	30.00	20.12	Inf
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	3.00	16.02	16.02	30.00	19.02/16.02	36.00/21.00
5230MHz	Pass	3.00	15.77	15.77	30.00	18.77/15.77	36.00/21.00
5755MHz	Pass	3.00	17.22	17.22	30.00	20.22	Inf
5795MHz	Pass	3.00	17.36	17.36	30.00	20.36	Inf
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	3.00	15.55	15.55	30.00	18.55/15.55	36.00/21.00
5775MHz	Pass	3.00	17.31	17.31	30.00	20.31	Inf

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.33	0.03412
802.11ax HEW20_Nss1,(MCS0)_1TX	15.10	0.03236
802.11ax HEW40_Nss1,(MCS0)_1TX	15.27	0.03365
802.11ax HEW80_Nss1,(MCS0)_1TX	9.35	0.00861
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.40	0.04365
802.11ax HEW20_Nss1,(MCS0)_1TX	16.81	0.04797
802.11ax HEW40_Nss1,(MCS0)_1TX	16.92	0.04920
802.11ax HEW80_Nss1,(MCS0)_1TX	13.91	0.02460



Average Power_Scanning R3_Antenna set 10_Indoor_P to M Appendix C.31

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	18.53	13.79	13.79	17.47
5200MHz	Pass	18.53	15.33	15.33	17.47
5240MHz	Pass	18.53	14.81	14.81	17.47
5745MHz	Pass	18.53	16.11	16.11	17.47
5785MHz	Pass	18.53	16.40	16.40	17.47
5825MHz	Pass	18.53	16.16	16.16	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	18.53	13.56	13.56	17.47
5200MHz	Pass	18.53	14.56	14.56	17.47
5240MHz	Pass	18.53	15.10	15.10	17.47
5745MHz	Pass	18.53	16.38	16.38	17.47
5785MHz	Pass	18.53	16.81	16.81	17.47
5825MHz	Pass	18.53	16.65	16.65	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	18.53	10.05	10.05	17.47
5230MHz	Pass	18.53	15.27	15.27	17.47
5755MHz	Pass	18.53	16.62	16.62	17.47
5795MHz	Pass	18.53	16.92	16.92	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	18.53	9.35	9.35	17.47
5775MHz	Pass	18.53	13.91	13.91	17.47

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



Average Power_Scanning R3_Antenna set 10_Outdoor_P to M Appendix C.32

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.33	0.03412	33.86/9.36	2.43220/0.00863
802.11ax HEW20_Nss1,(MCS0)_1TX	15.10	0.03236	33.63/9.13	2.30675/0.00818
802.11ax HEW40_Nss1,(MCS0)_1TX	15.27	0.03365	33.80/9.30	2.39883/0.00851
802.11ax HEW80_Nss1,(MCS0)_1TX	9.35	0.00861	27.88/3.38	0.61376/0.00218
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.40	0.04365	34.93	3.11172
802.11ax HEW20_Nss1,(MCS0)_1TX	16.81	0.04797	35.34	3.41979
802.11ax HEW40_Nss1,(MCS0)_1TX	16.92	0.04920	35.45	3.50752
802.11ax HEW80_Nss1,(MCS0)_1TX	13.91	0.02460	32.44	1.75388



Average Power_Scanning R3 Antenna set 10_Outdoor_P to M Appendix C.32

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	18.53	13.79	13.79	17.47	32.32/7.82	36.00/21.00
5200MHz	Pass	18.53	15.33	15.33	17.47	33.86/9.36	36.00/21.00
5240MHz	Pass	18.53	14.81	14.81	17.47	33.34/8.84	36.00/21.00
5745MHz	Pass	18.53	16.11	16.11	17.47	34.64	36.00
5785MHz	Pass	18.53	16.40	16.40	17.47	34.93	36.00
5825MHz	Pass	18.53	16.16	16.16	17.47	34.69	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	18.53	13.56	13.56	17.47	32.09/7.59	36.00/21.00
5200MHz	Pass	18.53	14.56	14.56	17.47	33.09/8.59	36.00/21.00
5240MHz	Pass	18.53	15.10	15.10	17.47	33.63/9.13	36.00/21.00
5745MHz	Pass	18.53	16.38	16.38	17.47	34.91	36.00
5785MHz	Pass	18.53	16.81	16.81	17.47	35.34	36.00
5825MHz	Pass	18.53	16.65	16.65	17.47	35.18	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	18.53	10.05	10.05	17.47	28.58/4.08	36.00/21.00
5230MHz	Pass	18.53	15.27	15.27	17.47	33.80/9.30	36.00/21.00
5755MHz	Pass	18.53	16.62	16.62	17.47	35.15	36.00
5795MHz	Pass	18.53	16.92	16.92	17.47	35.45	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	18.53	9.35	9.35	17.47	27.88/3.38	36.00/21.00
5775MHz	Pass	18.53	13.91	13.91	17.47	32.44	36.00

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



**Average Power_Scanning R3_Antenna set 10_Indoor_
Outdoor_P to P**

Appendix C.33

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX	15.33	0.03412
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	15.10	0.03236
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	15.27	0.03365
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	9.35	0.00861
5.725-5.85GHz	-	-
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX	16.40	0.04365
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	16.81	0.04797
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	16.92	0.04920
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	13.91	0.02460



Average Power_Scanning R3_Antenna set 10_Indoor_Outdoor_P to P

Appendix C.33

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	18.53	13.79	13.79	30.00
5200MHz	Pass	18.53	15.33	15.33	30.00
5240MHz	Pass	18.53	14.81	14.81	30.00
5745MHz	Pass	18.53	16.11	16.11	30.00
5785MHz	Pass	18.53	16.40	16.40	30.00
5825MHz	Pass	18.53	16.16	16.16	30.00
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	18.53	13.56	13.56	30.00
5200MHz	Pass	18.53	14.56	14.56	30.00
5240MHz	Pass	18.53	15.10	15.10	30.00
5745MHz	Pass	18.53	16.38	16.38	30.00
5785MHz	Pass	18.53	16.81	16.81	30.00
5825MHz	Pass	18.53	16.65	16.65	30.00
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	18.53	10.05	10.05	30.00
5230MHz	Pass	18.53	15.27	15.27	30.00
5755MHz	Pass	18.53	16.62	16.62	30.00
5795MHz	Pass	18.53	16.92	16.92	30.00
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	18.53	9.35	9.35	30.00
5775MHz	Pass	18.53	13.91	13.91	30.00

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



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.45
802.11ax HEW20_Nss1,(MCS0)_1TX	7.04
802.11ax HEW40_Nss1,(MCS0)_1TX	4.37
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.83
802.11a_Nss1,(6Mbps)_2TX	7.98
802.11ax HEW20_Nss1,(MCS0)_2TX	7.38
802.11ax HEW40_Nss1,(MCS0)_2TX	4.54
802.11ax HEW80_Nss1,(MCS0)_2TX	1.48
802.11a_Nss1,(6Mbps)_4TX	8.00
802.11ax HEW20_Nss1,(MCS0)_4TX	7.25
802.11ax HEW40_Nss1,(MCS0)_4TX	4.15
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.56
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.94
802.11ax HEW20_Nss1,(MCS0)_1TX	4.58
802.11ax HEW40_Nss1,(MCS0)_1TX	1.62
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.54
802.11a_Nss1,(6Mbps)_2TX	9.95
802.11ax HEW20_Nss1,(MCS0)_2TX	9.68
802.11ax HEW40_Nss1,(MCS0)_2TX	7.18
802.11ax HEW80_Nss1,(MCS0)_2TX	2.32
802.11a_Nss1,(6Mbps)_4TX	13.73
802.11ax HEW20_Nss1,(MCS0)_4TX	13.10
802.11ax HEW40_Nss1,(MCS0)_4TX	8.00
802.11ax HEW80_Nss1,(MCS0)_4TX	3.48

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	7.31				7.31	17.00
5200MHz	Pass	3.00	7.28				7.28	17.00
5240MHz	Pass	3.00	7.45				7.45	17.00
5745MHz	Pass	3.00	4.94				4.94	30.00
5785MHz	Pass	3.00	4.64				4.64	30.00
5825MHz	Pass	3.00	4.17				4.17	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	6.99				6.99	17.00
5200MHz	Pass	3.00	6.94				6.94	17.00
5240MHz	Pass	3.00	7.04				7.04	17.00
5745MHz	Pass	3.00	4.58				4.58	30.00
5785MHz	Pass	3.00	4.17				4.17	30.00
5825MHz	Pass	3.00	3.79				3.79	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	2.46				2.46	17.00
5230MHz	Pass	3.00	4.37				4.37	17.00
5755MHz	Pass	3.00	1.62				1.62	30.00
5795MHz	Pass	3.00	1.30				1.30	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	-0.83				-0.83	17.00
5775MHz	Pass	3.00	-1.54				-1.54	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.01	3.01	5.80			7.58	16.99
5200MHz	Pass	6.01	3.53	6.20			7.98	16.99
5240MHz	Pass	6.01	3.82	5.97			7.90	16.99
5745MHz	Pass	6.01	5.76	8.13			9.86	29.99
5785MHz	Pass	6.01	5.39	8.14			9.94	29.99
5825MHz	Pass	6.01	4.94	8.34			9.95	29.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.01	2.73	5.50			7.29	16.99
5200MHz	Pass	6.01	2.87	5.49			7.38	16.99
5240MHz	Pass	6.01	3.00	5.16			7.18	16.99
5745MHz	Pass	6.01	5.48	7.78			9.64	29.99
5785MHz	Pass	6.01	5.14	7.89			9.68	29.99
5825MHz	Pass	6.01	4.79	8.11			9.68	29.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.01	-0.08	2.74			4.54	16.99
5230MHz	Pass	6.01	0.06	2.35			4.34	16.99
5755MHz	Pass	6.01	2.21	5.31			6.93	29.99
5795MHz	Pass	6.01	2.24	5.60			7.18	29.99
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.01	-2.83	-0.37			1.48	16.99
5775MHz	Pass	6.01	-2.60	0.82			2.32	29.99
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-0.86	2.45	3.19	2.00	7.82	13.98
5200MHz	Pass	9.02	-0.43	2.42	3.10	1.77	7.57	13.98
5240MHz	Pass	9.02	-0.14	2.57	3.52	1.96	8.00	13.98
5745MHz	Pass	9.02	5.70	8.49	8.68	7.56	13.64	26.98
5785MHz	Pass	9.02	5.50	8.90	9.58	7.39	13.73	26.98
5825MHz	Pass	9.02	4.97	8.82	9.32	7.30	13.47	26.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	-1.09	2.14	2.84	1.27	7.17	13.98



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5200MHz	Pass	9.02	-1.14	1.77	2.34	1.64	7.25	13.98
5240MHz	Pass	9.02	-1.17	1.66	2.37	0.95	7.04	13.98
5745MHz	Pass	9.02	5.41	7.72	8.51	7.11	13.05	26.98
5785MHz	Pass	9.02	4.85	7.91	8.91	6.91	13.10	26.98
5825MHz	Pass	9.02	3.46	7.63	7.98	6.10	12.16	26.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-6.82	-3.85	-3.37	-4.33	1.37	13.98
5230MHz	Pass	9.02	-3.85	-1.06	-0.36	-1.78	4.15	13.98
5755MHz	Pass	9.02	-0.52	2.87	3.59	1.90	8.00	26.98
5795MHz	Pass	9.02	-0.61	3.06	4.13	1.80	7.94	26.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-9.64	-6.60	-6.01	-7.40	-1.56	13.98
5775MHz	Pass	9.02	-4.95	-1.93	-0.70	-2.64	3.48	26.98

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

18/08/2022

CF
5.18GHz

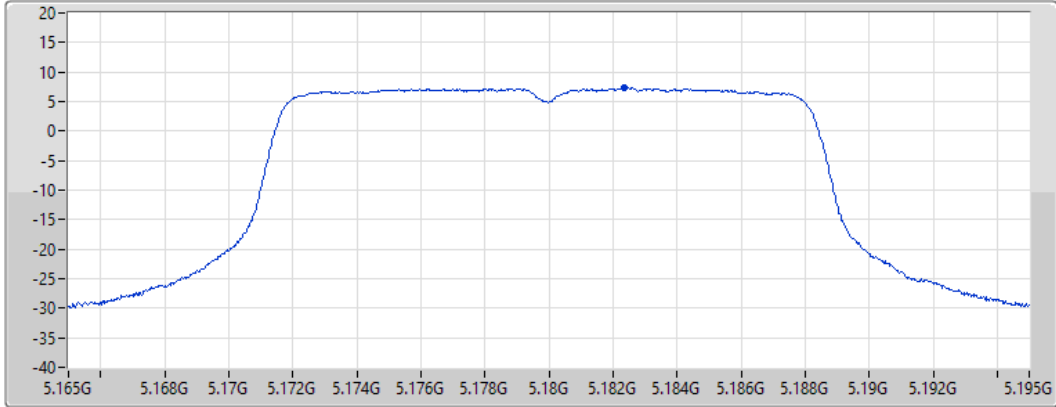
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	7.31

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

18/08/2022

CF
5.2GHz

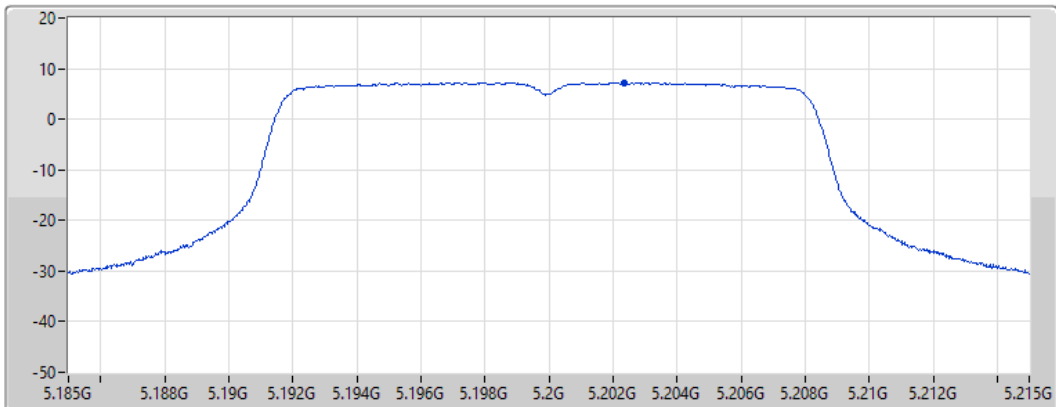
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	7.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

18/08/2022

CF
5.24GHz

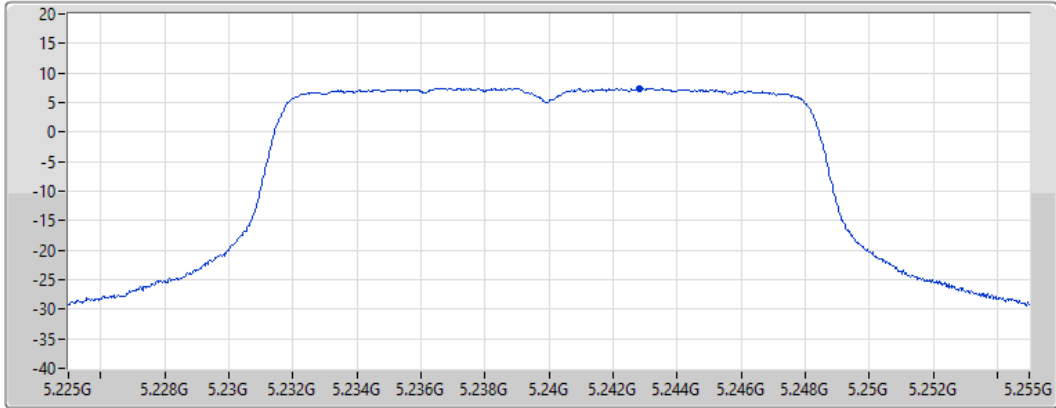
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	7.45

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

18/08/2022

CF
5.745GHz

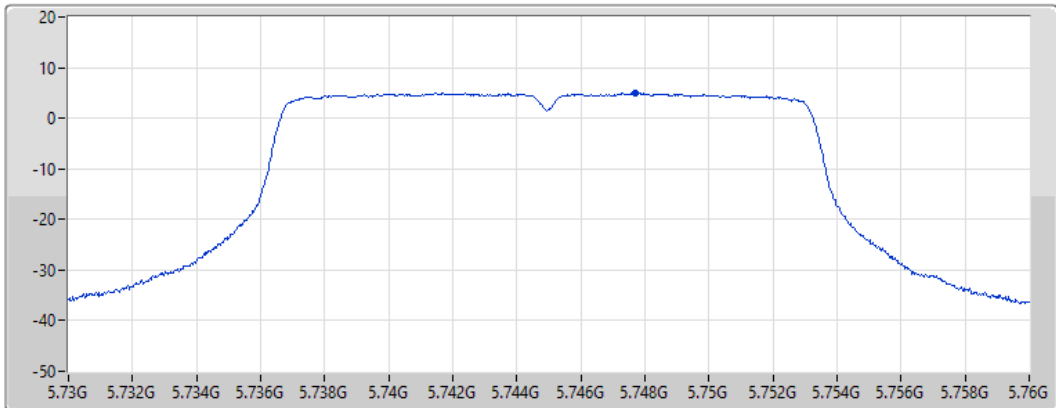
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	4.94

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

18/08/2022

CF
5.785GHz

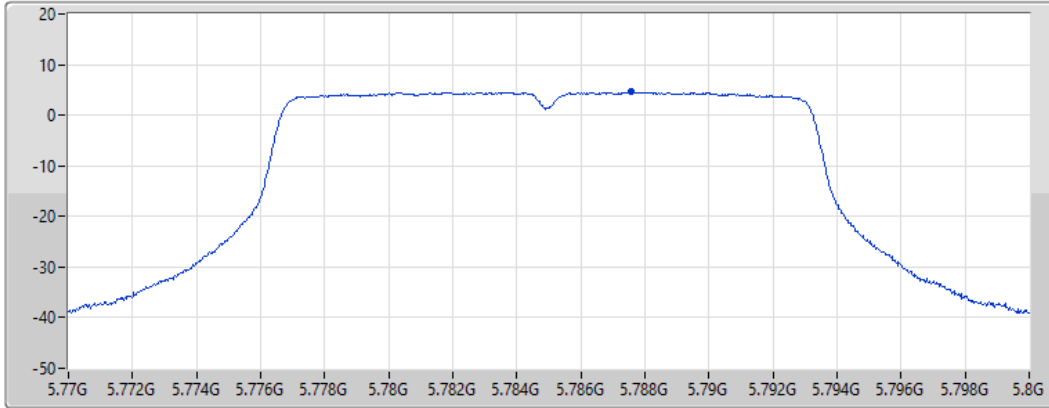
Span
30MHz


RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	4.64

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

18/08/2022

CF
5.825GHz

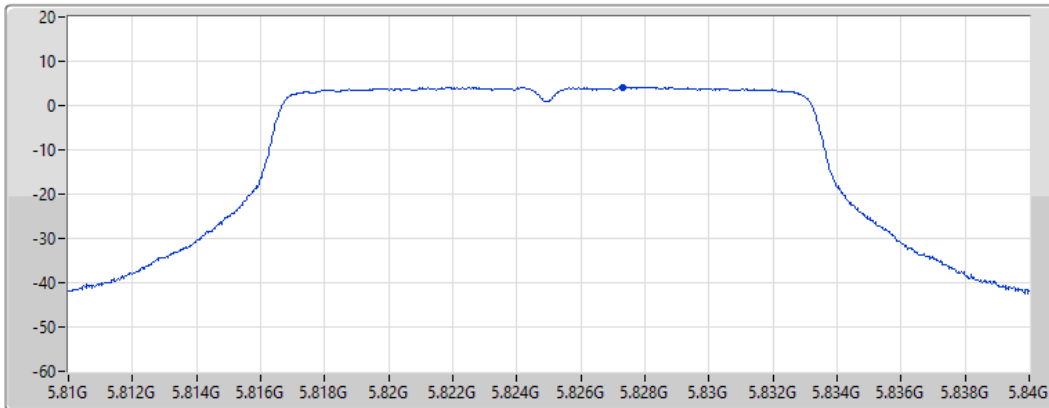
Span
30MHz


RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	4.17

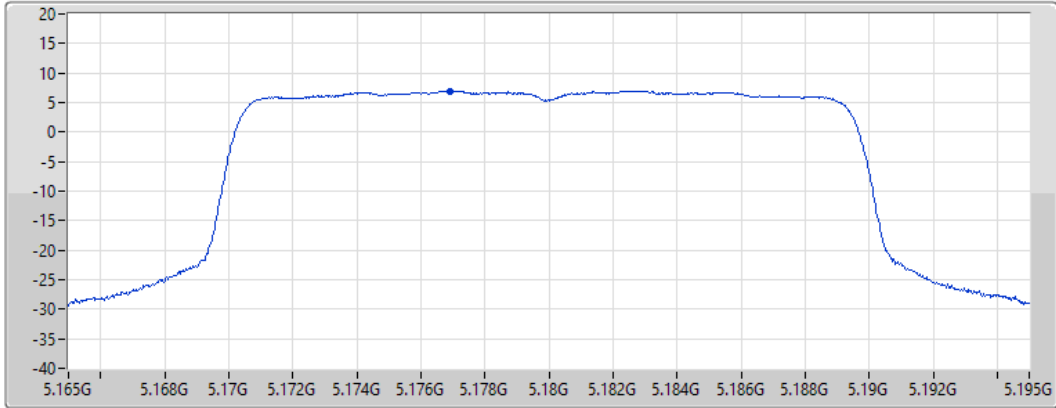
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5180MHz

18/08/2022

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	6.99

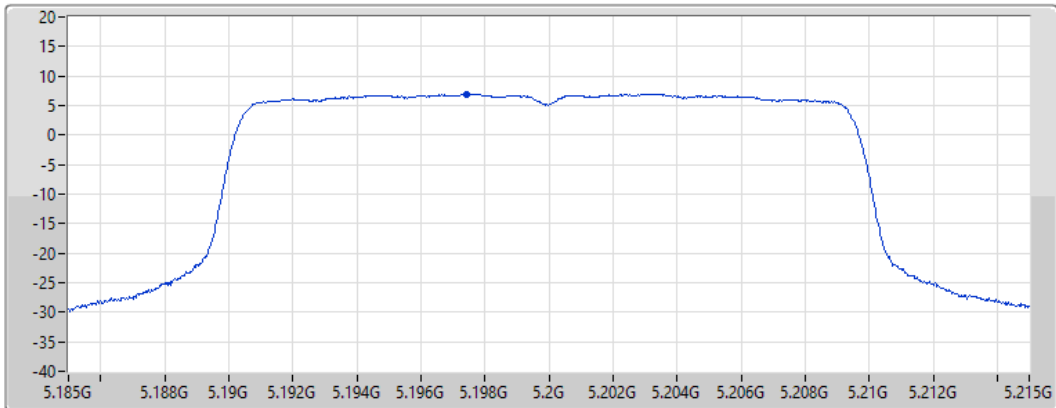
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5200MHz

18/08/2022

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	6.94

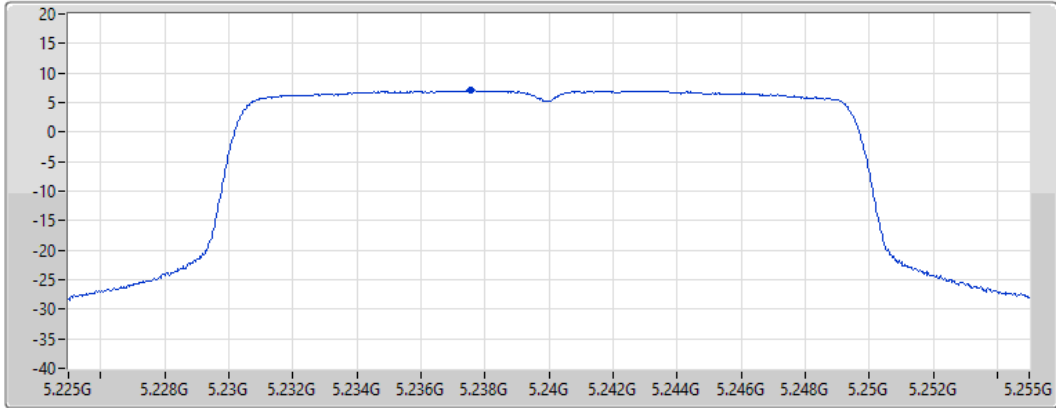
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5240MHz

18/08/2022

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	7.04

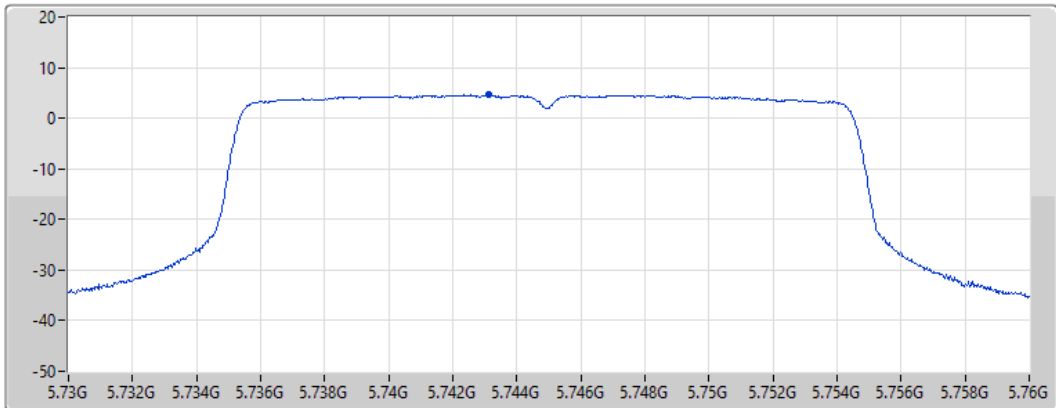
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5745MHz

18/08/2022

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

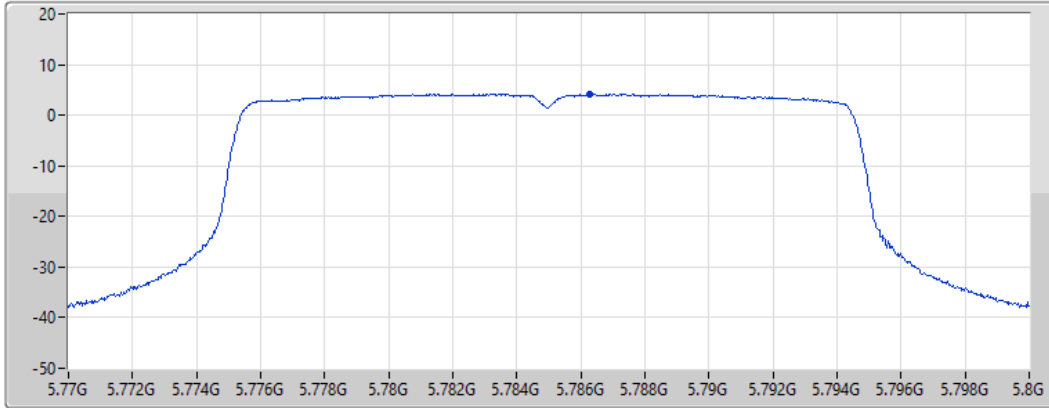
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5785MHz

18/08/2022

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	4.17

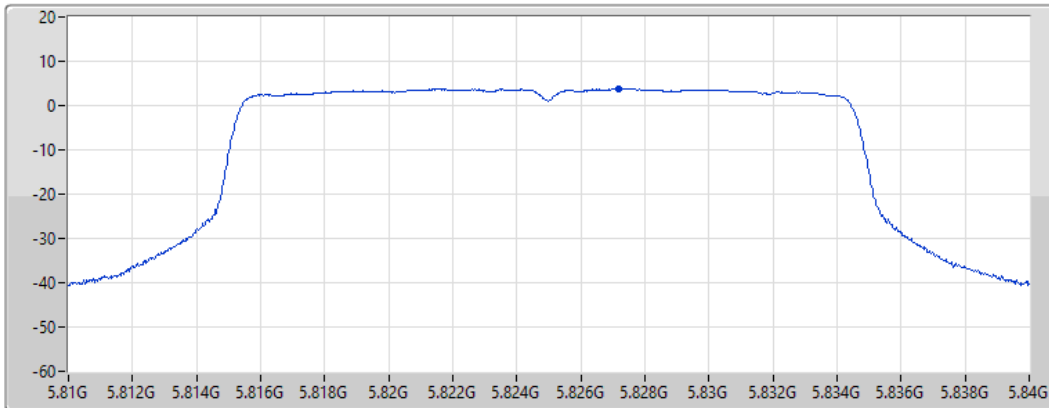
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5825MHz

18/08/2022

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

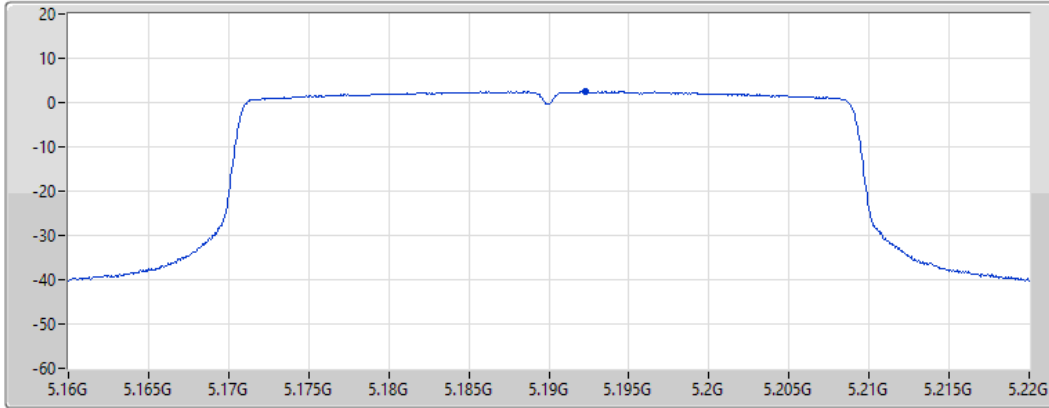
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5190MHz

19/08/2022

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	2.46

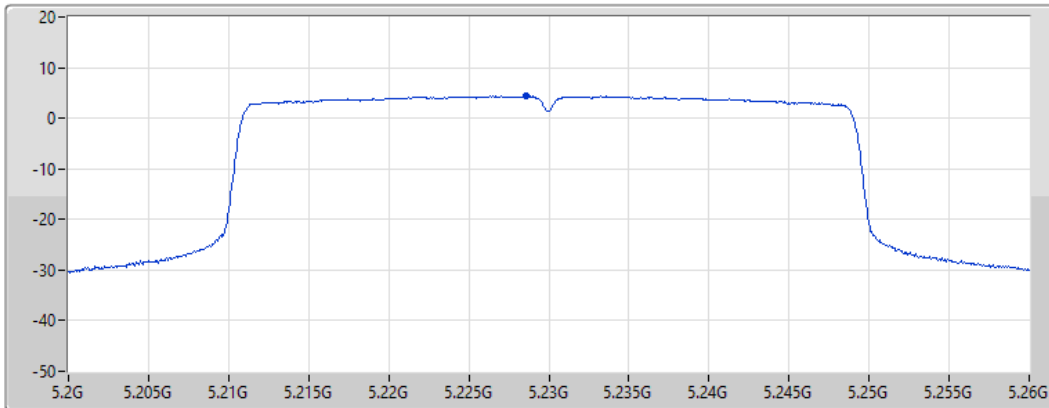
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5230MHz

18/08/2022

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	4.37

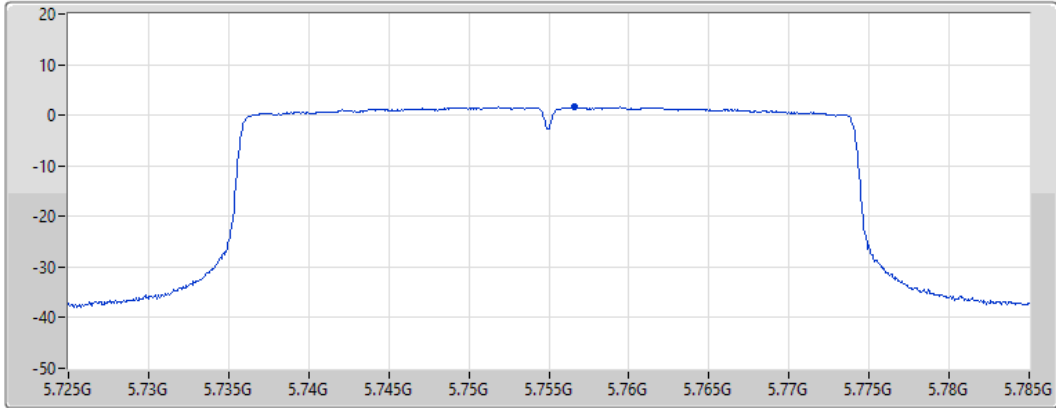
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5755MHz

18/08/2022

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.62	1.62	1.62

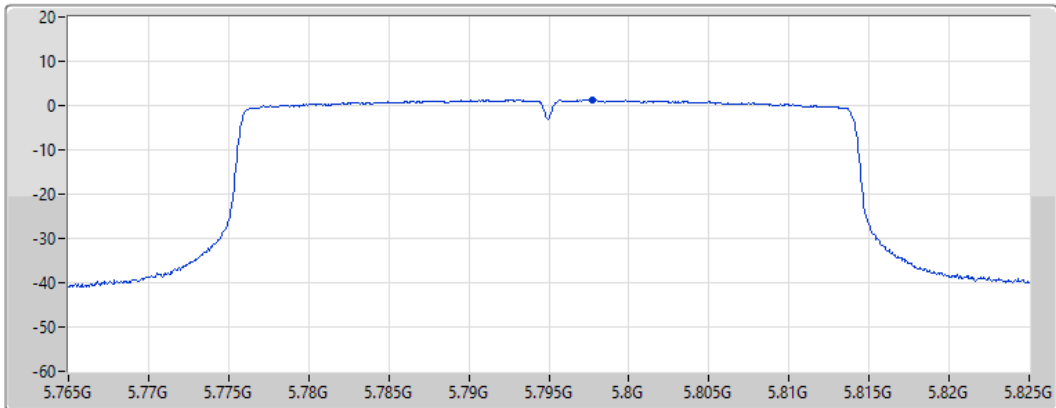
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5795MHz

18/08/2022

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

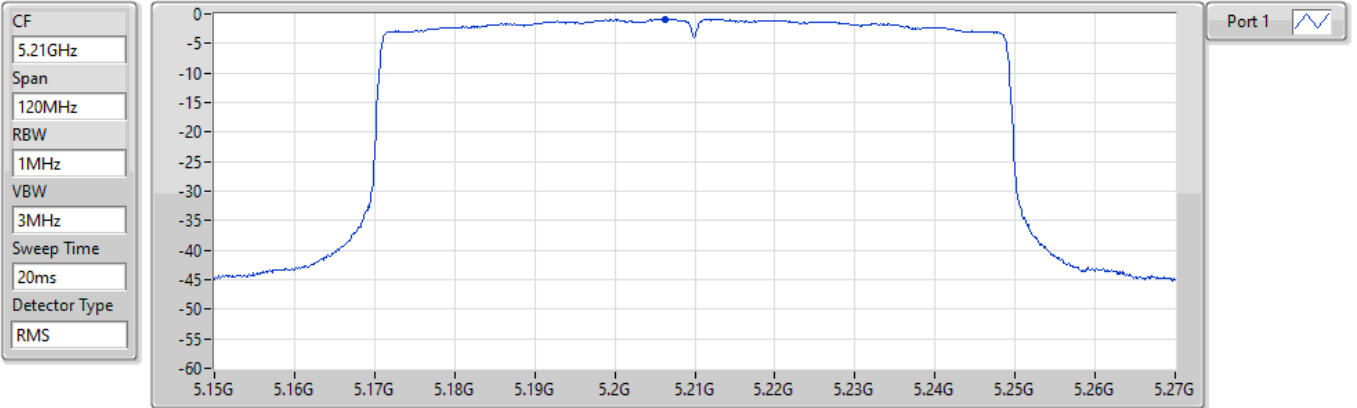
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.30	1.30	1.30

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

19/08/2022



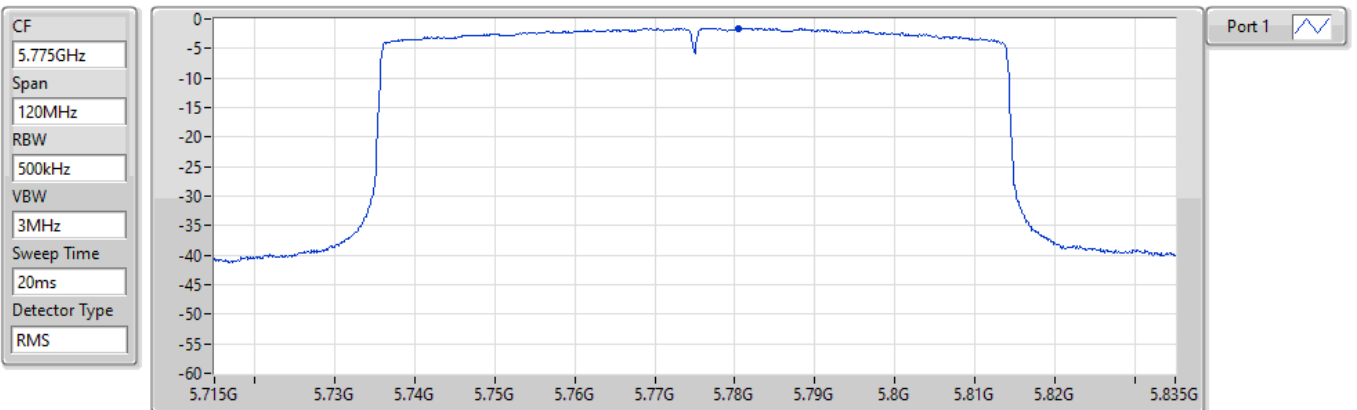
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.83	-0.83	-0.83

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

18/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.54	-1.54	-1.54

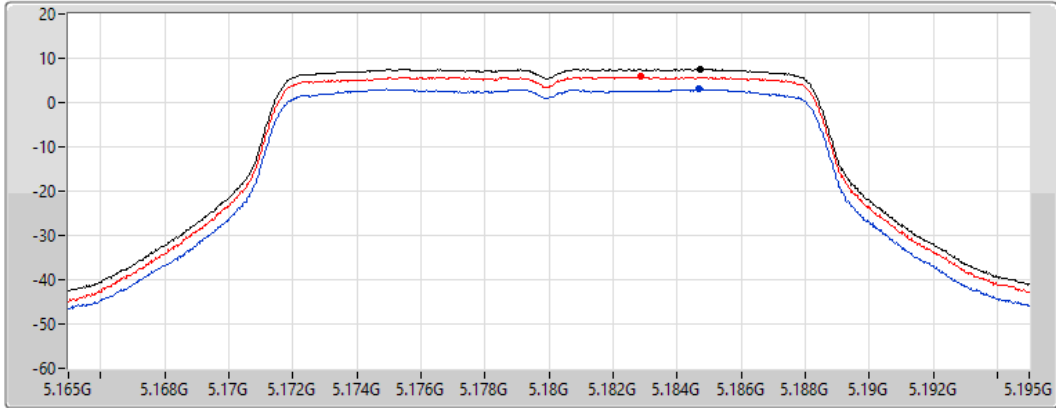
802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

19/08/2022

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	3.01	5.80

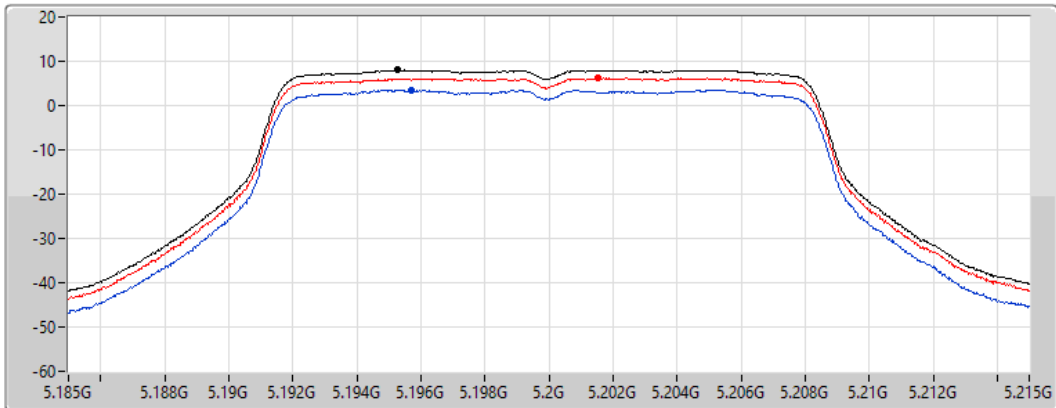
802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

19/08/2022

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	3.53	6.20

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

19/08/2022

CF
5.24GHz

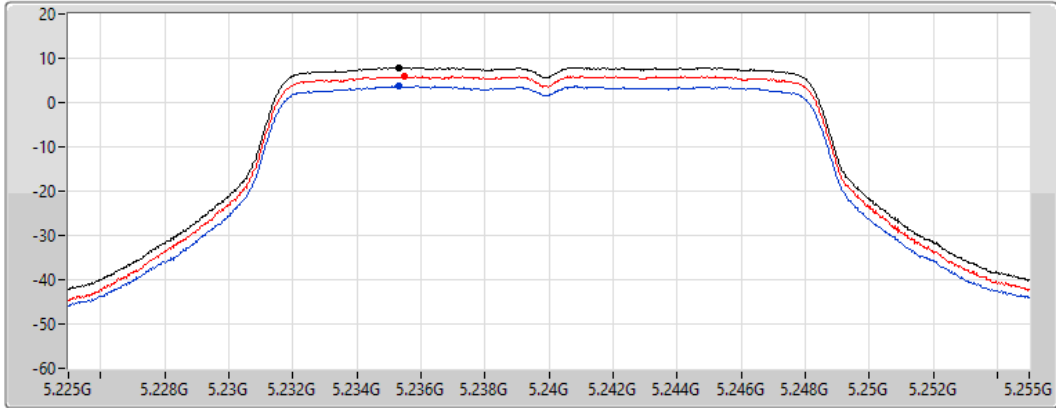
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	3.82	5.97

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/08/2022

CF
5.745GHz

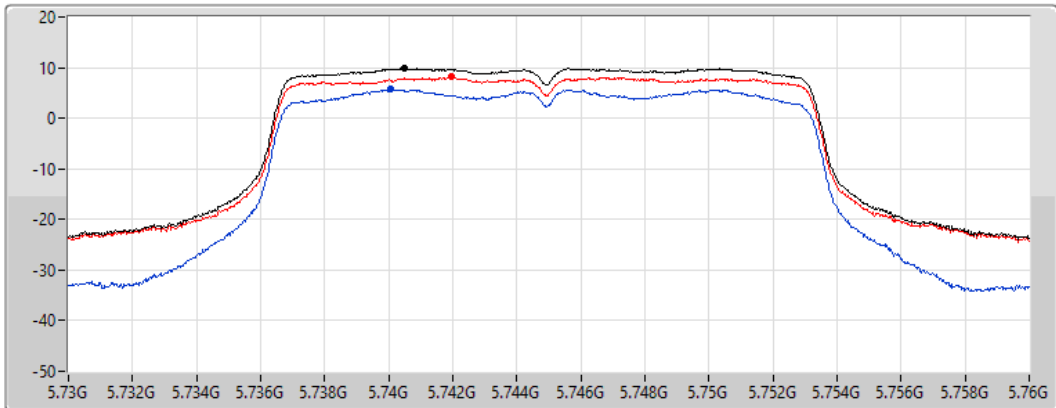
Span
30MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

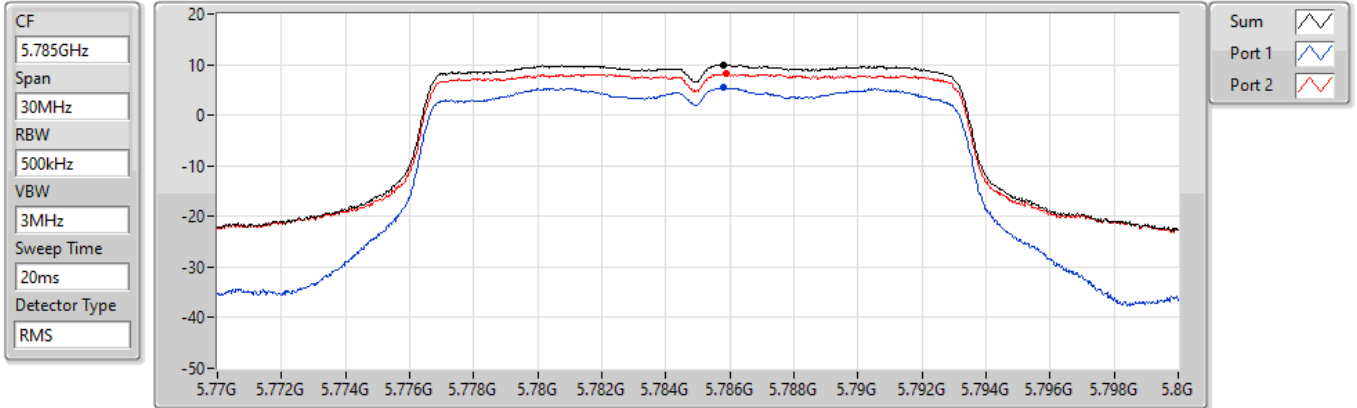
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	5.76	8.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/08/2022

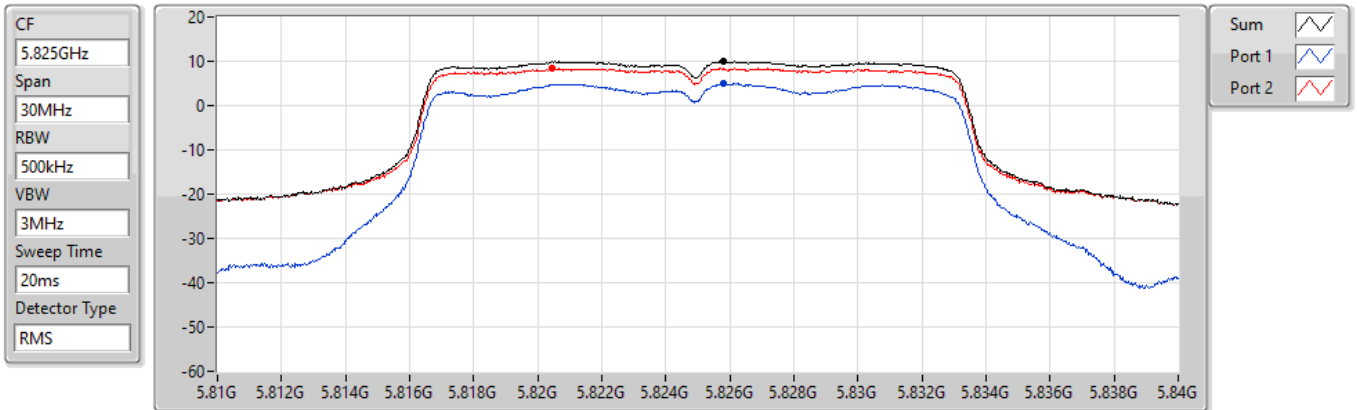


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/08/2022



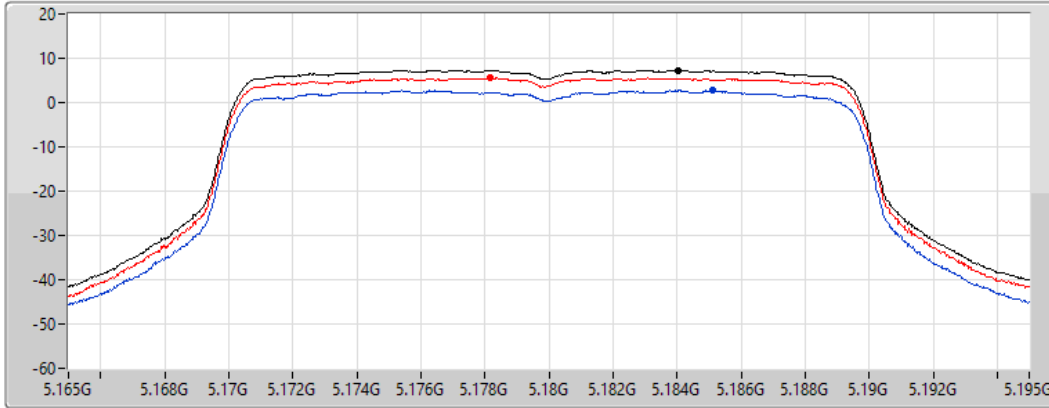
802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

19/08/2022

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	2.73	5.50

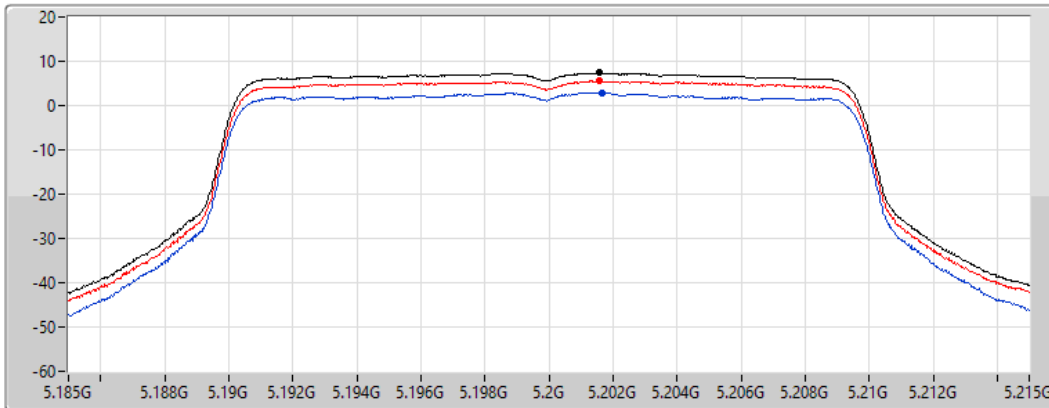
802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

19/08/2022

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	2.87	5.49