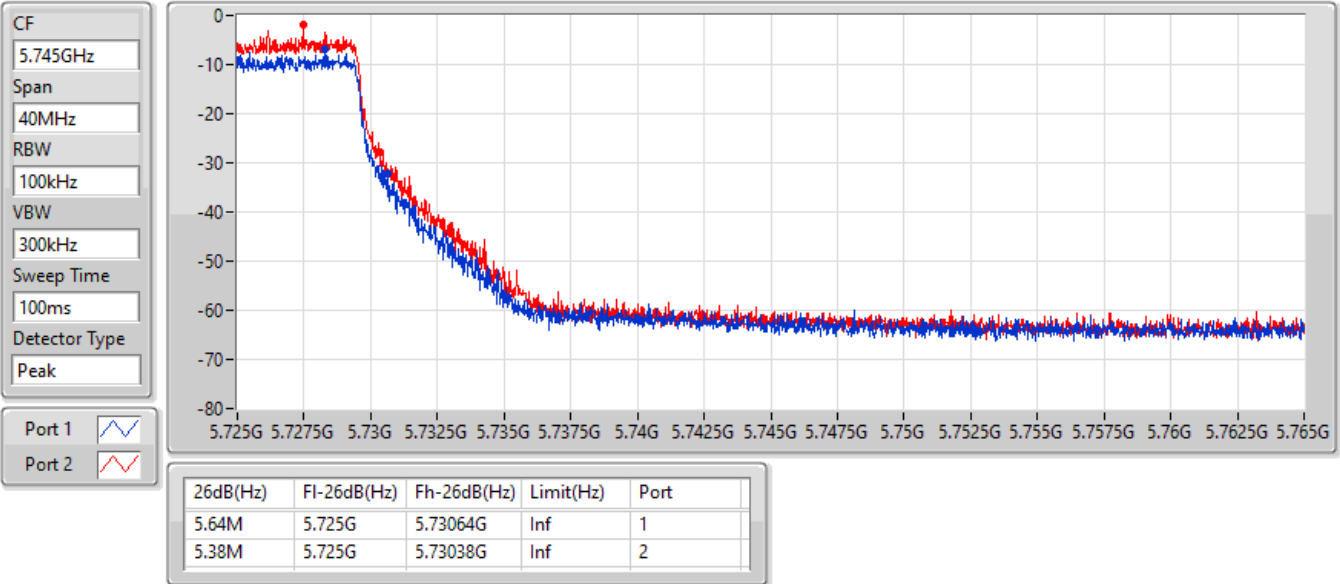


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2022

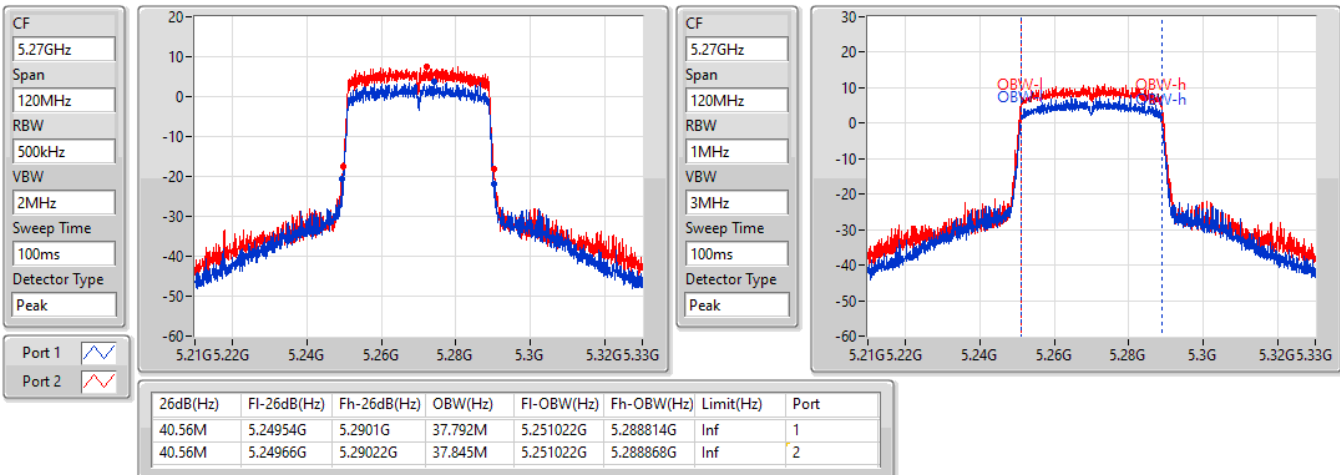


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

07/09/2022

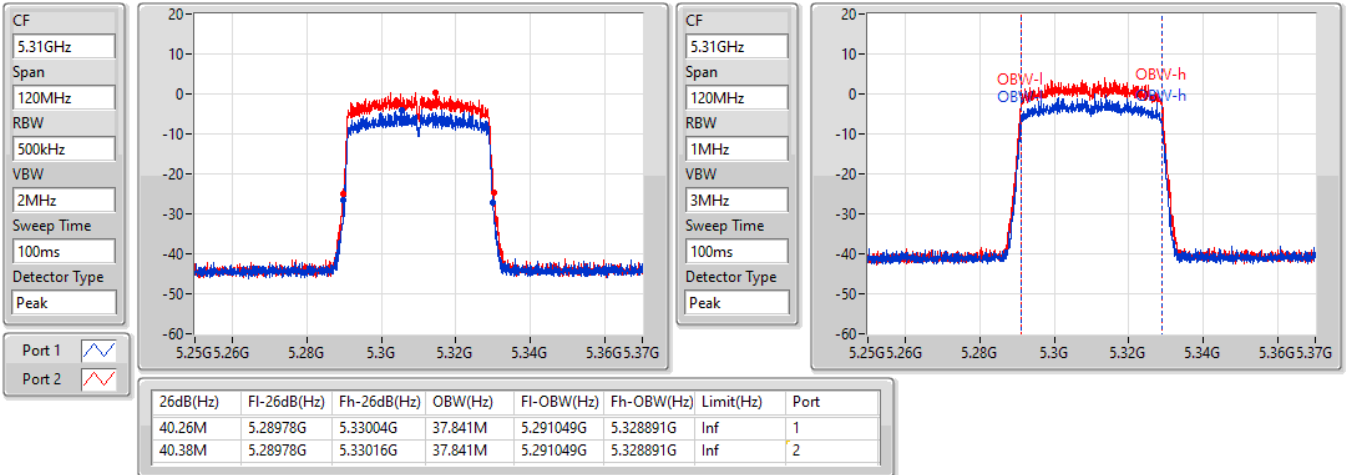


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

24/08/2022

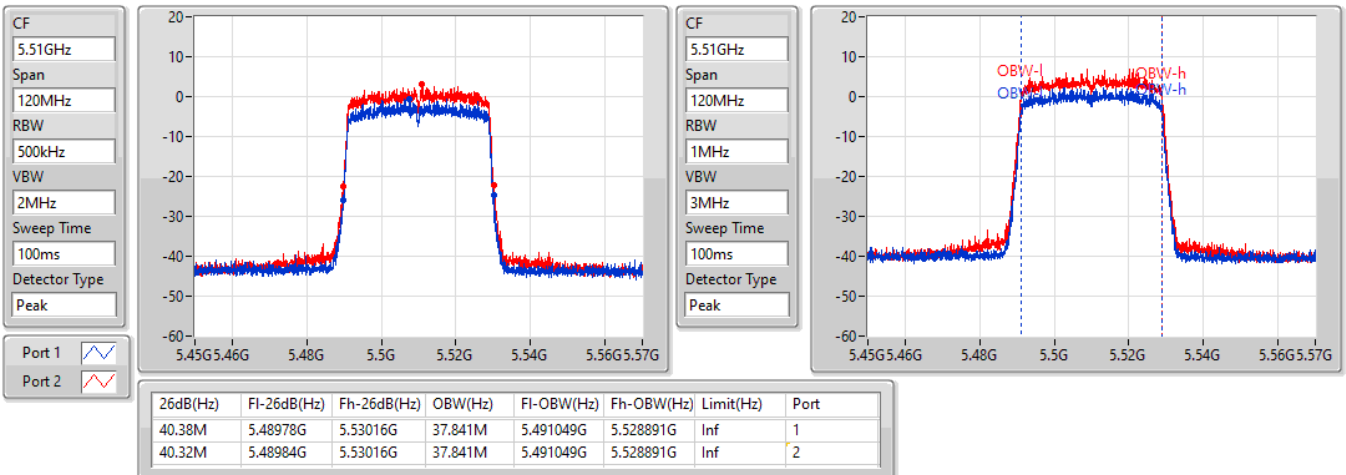


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

24/08/2022

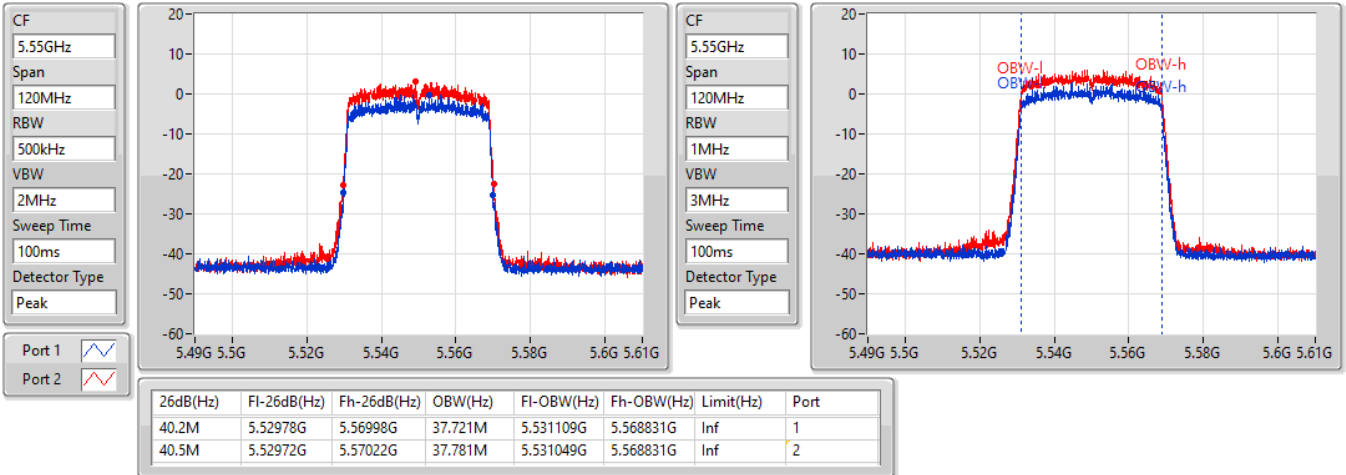


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

24/08/2022

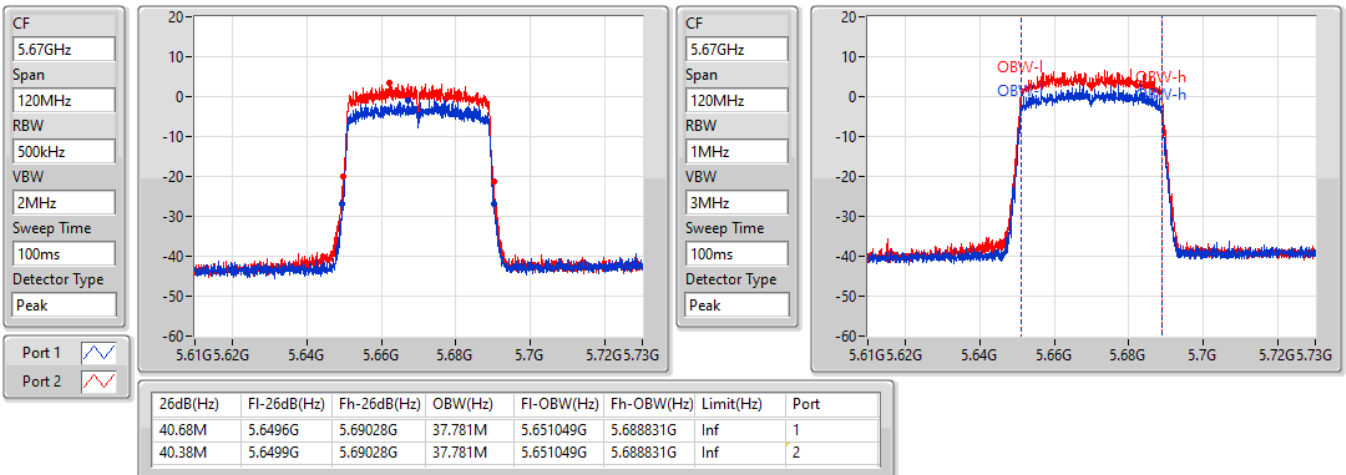


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

24/08/2022

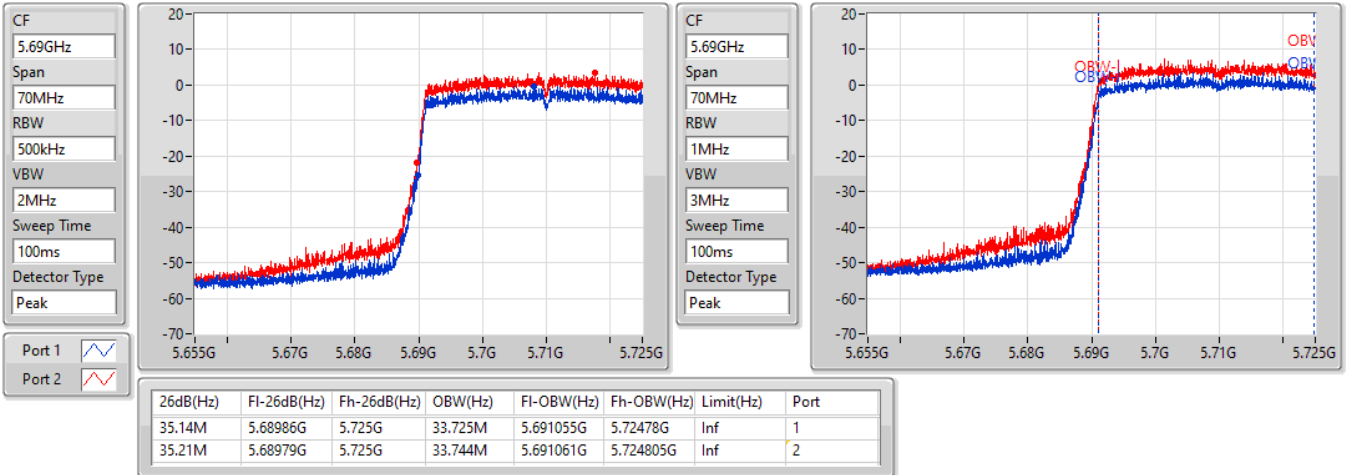


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/09/2022

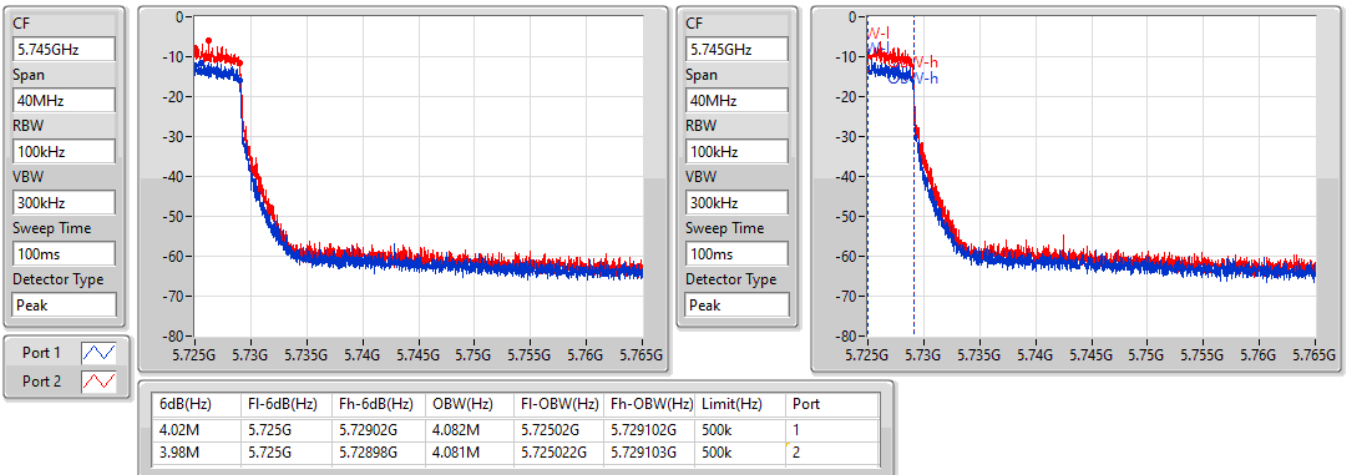


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/09/2022

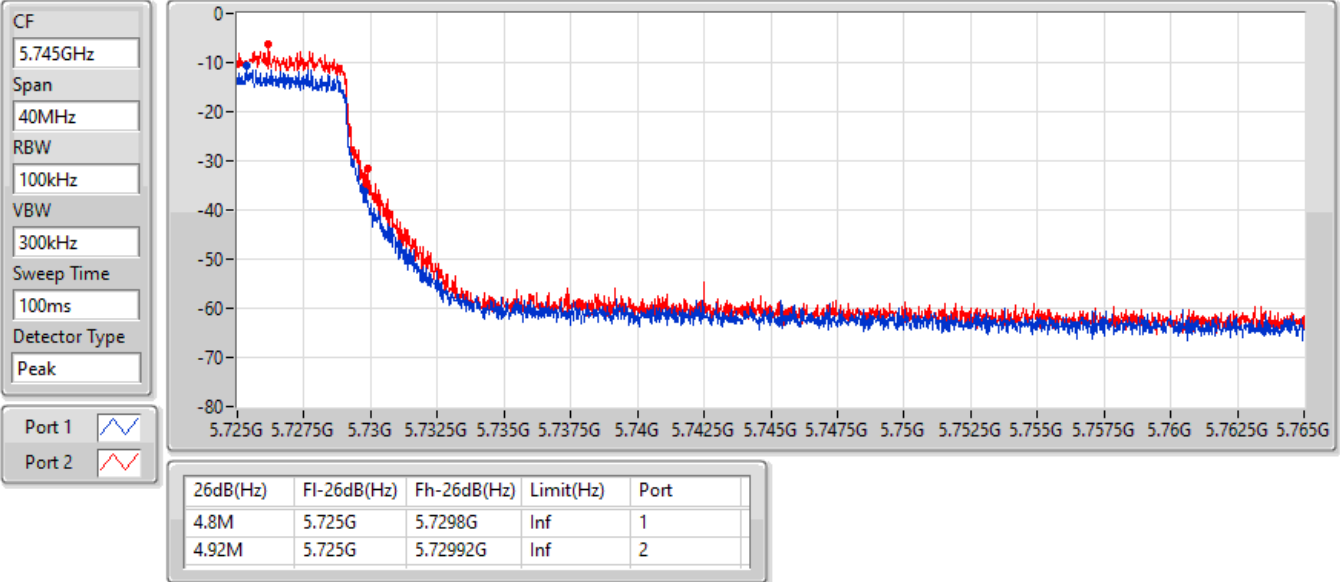


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/09/2022

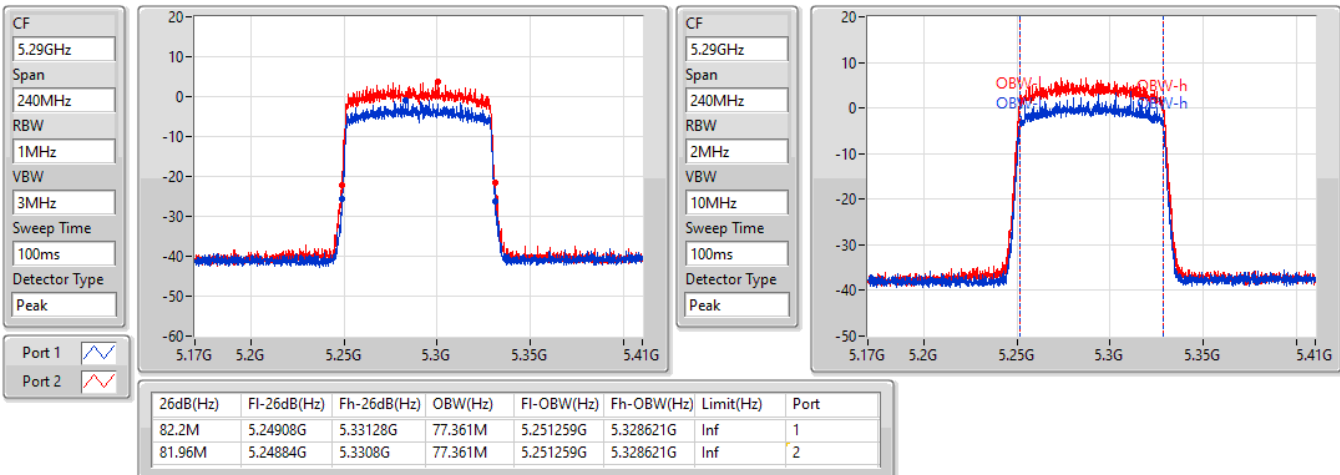


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

24/08/2022



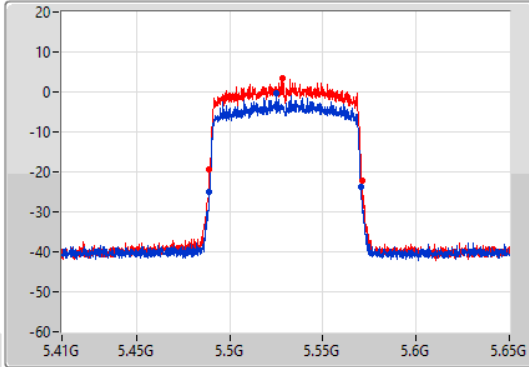
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

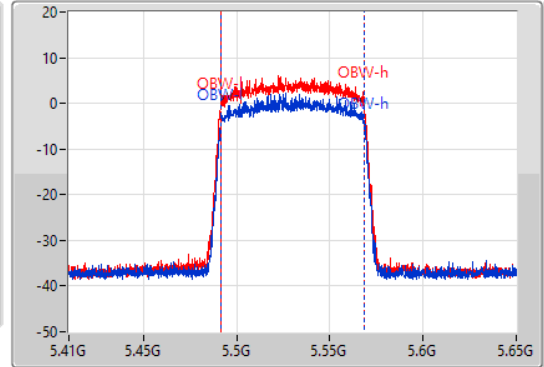
5530MHz

24/08/2022

CF
5.53GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.53GHz
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
81.36M	5.48908G	5.57044G	77.241M	5.491379G	5.568621G	Inf	1
81.84M	5.4892G	5.57104G	77.121M	5.491379G	5.568501G	Inf	2

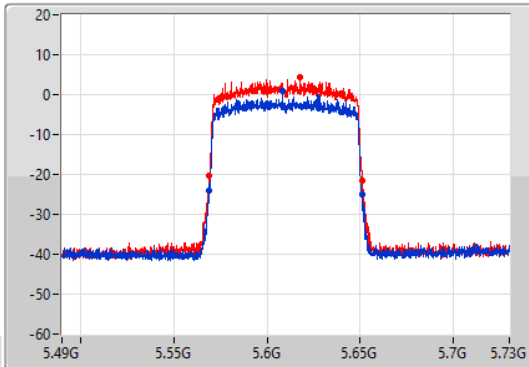
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

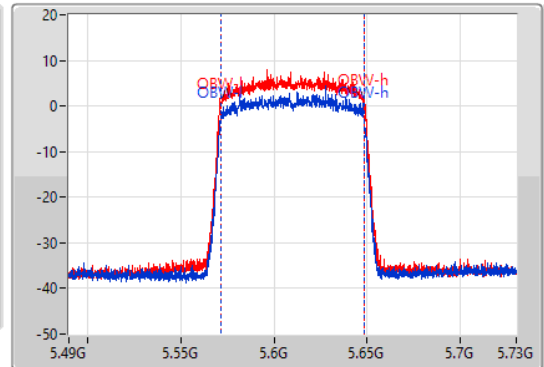
5610MHz

24/08/2022

CF
5.61GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.61GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



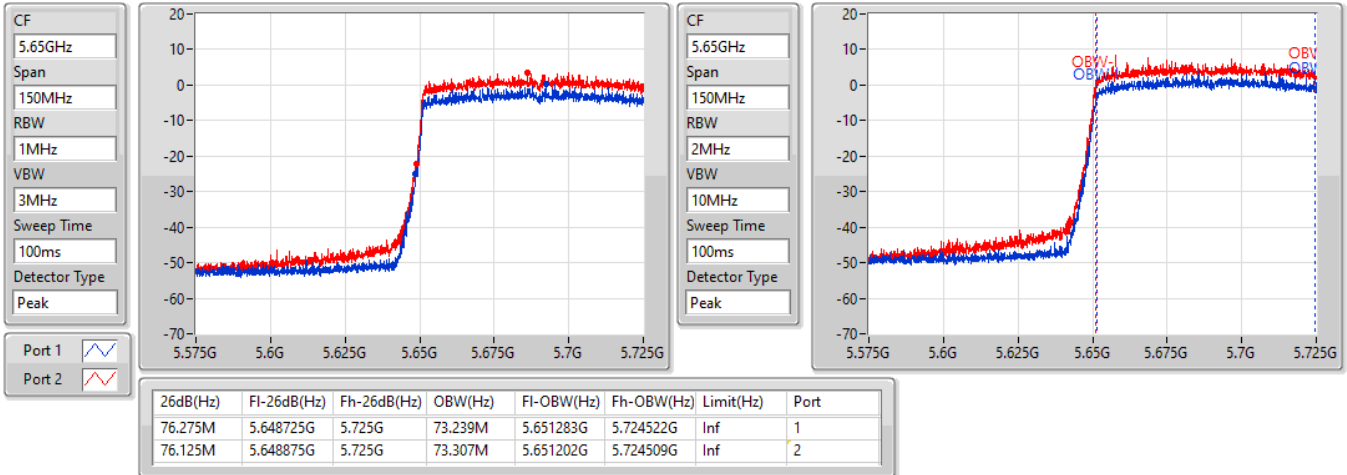
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56872G	5.65092G	77.361M	5.571259G	5.648621G	Inf	1
82.08M	5.5692G	5.65128G	77.361M	5.571259G	5.648621G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/09/2022

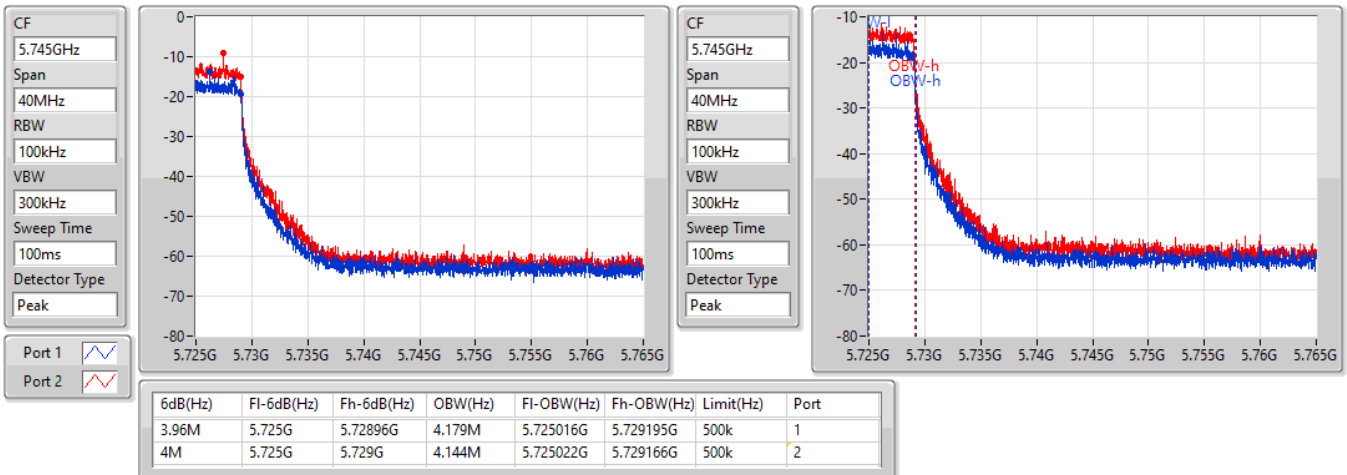


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/09/2022

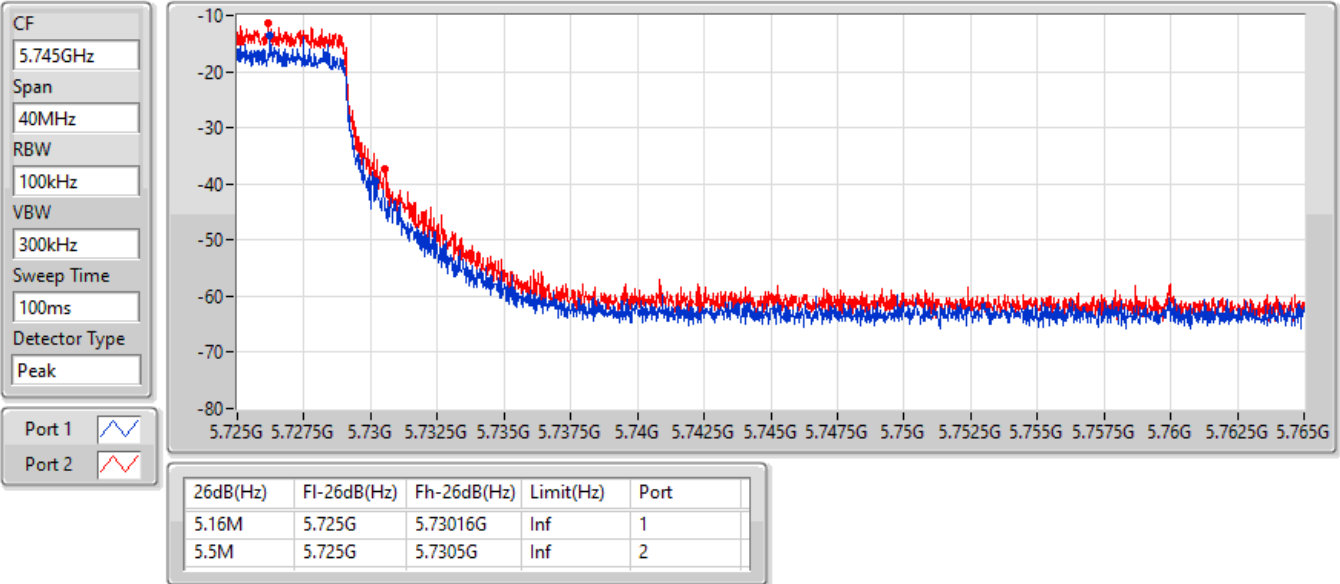


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/09/2022

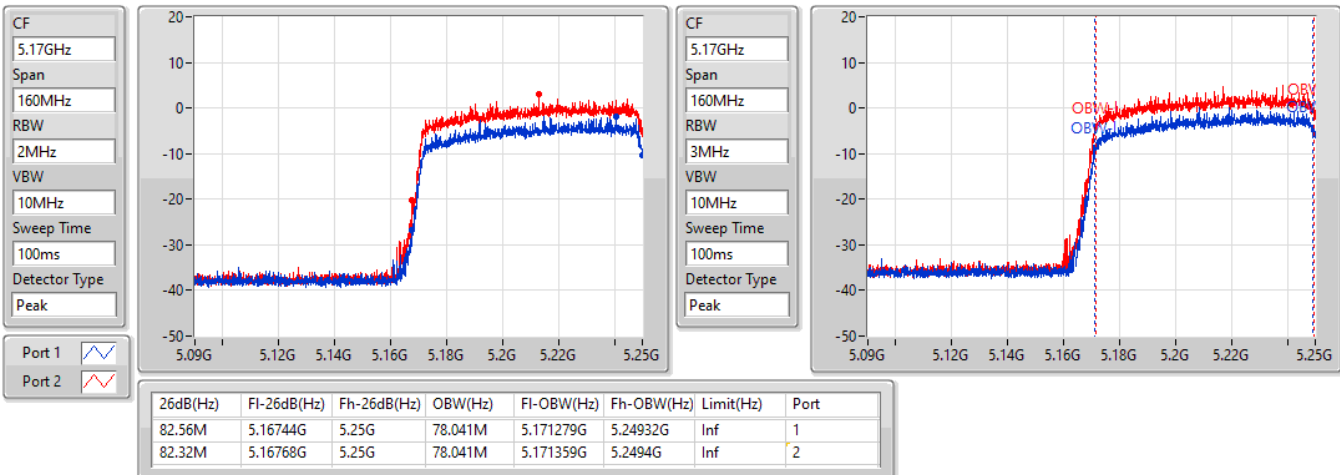


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

24/08/2022

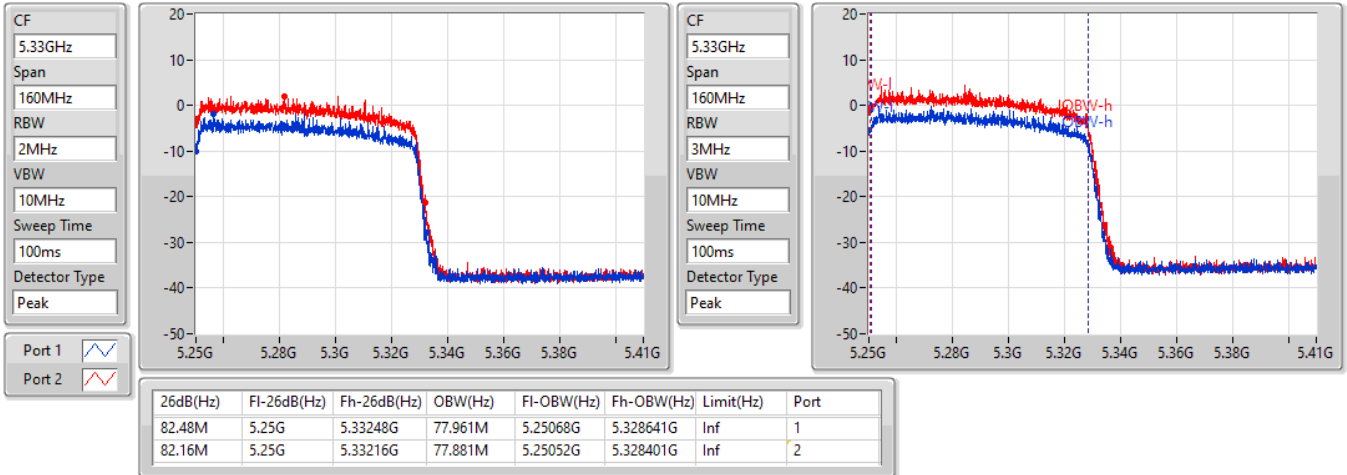


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

24/08/2022

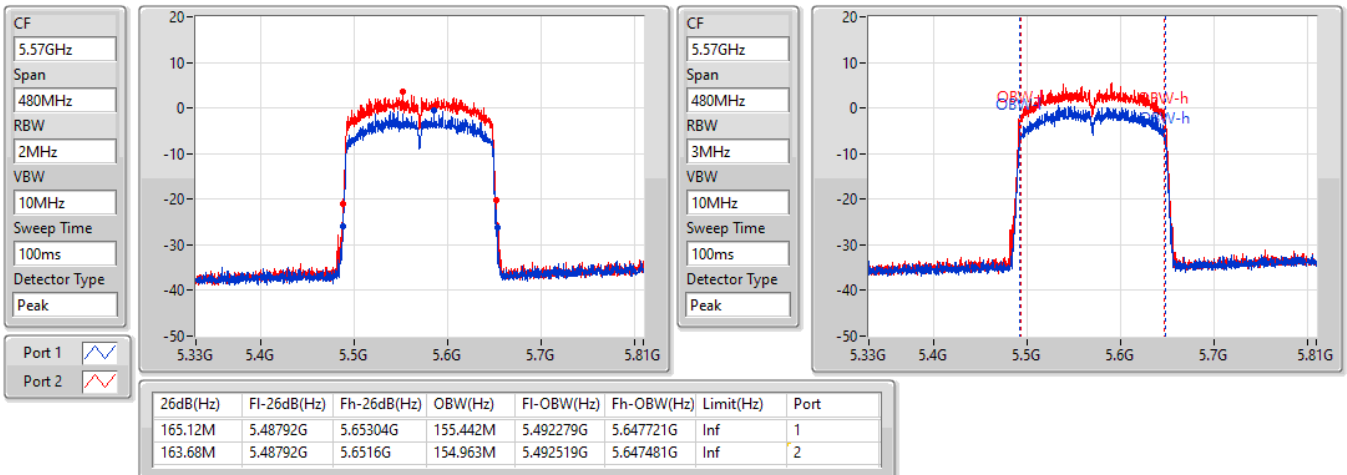


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5570MHz

24/08/2022



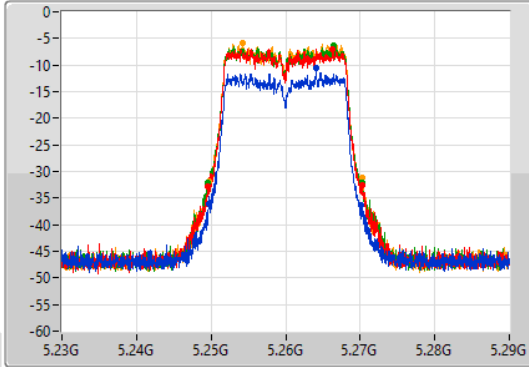
802.11a_Nss1,(6Mbps)_4TX

EBW

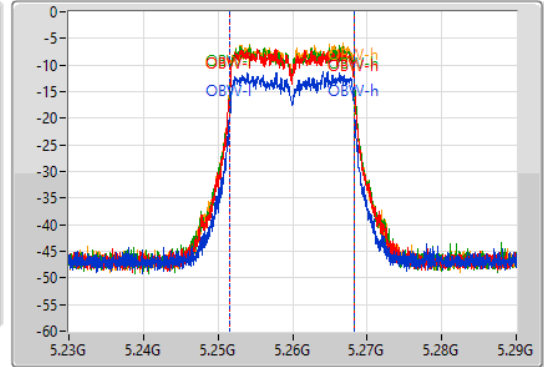
5260MHz

24/08/2022

CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
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
20.49M	5.24968G	5.27017G	16.732M	5.251544G	5.268276G	Inf	1
20.7M	5.24962G	5.27032G	16.642M	5.251604G	5.268246G	Inf	2
20.67M	5.24962G	5.27029G	16.672M	5.251604G	5.268276G	Inf	3
20.52M	5.24968G	5.2702G	16.642M	5.251604G	5.268246G	Inf	4

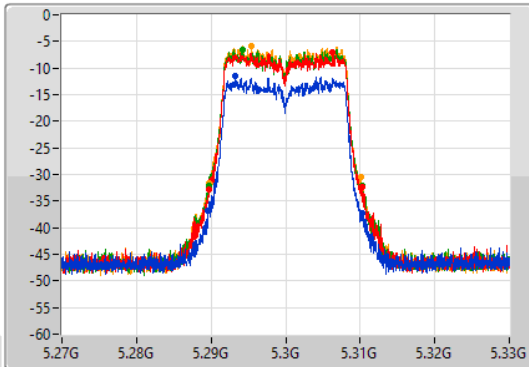
802.11a_Nss1,(6Mbps)_4TX

EBW

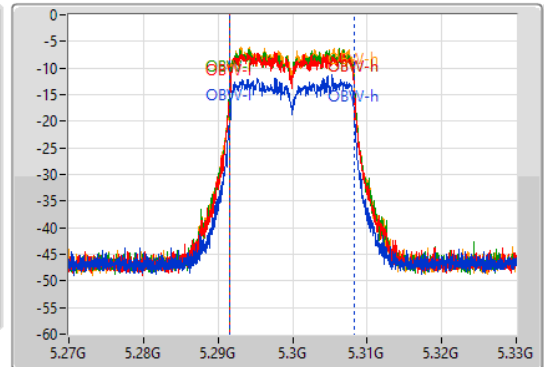
5300MHz

24/08/2022

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
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
20.73M	5.28956G	5.31029G	16.732M	5.291544G	5.308276G	Inf	1
20.55M	5.28965G	5.3102G	16.672M	5.291574G	5.308246G	Inf	2
20.55M	5.28971G	5.31026G	16.702M	5.291574G	5.308276G	Inf	3
20.49M	5.28968G	5.31017G	16.642M	5.291604G	5.308246G	Inf	4

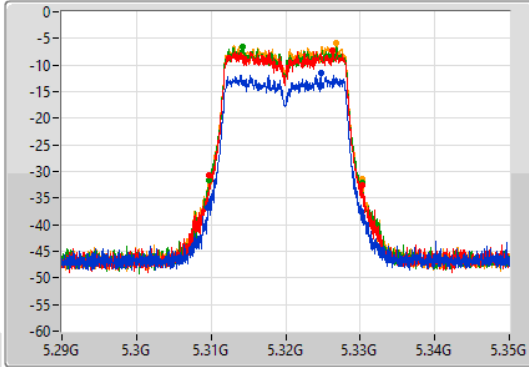
802.11a_Nss1,(6Mbps)_4TX

EBW

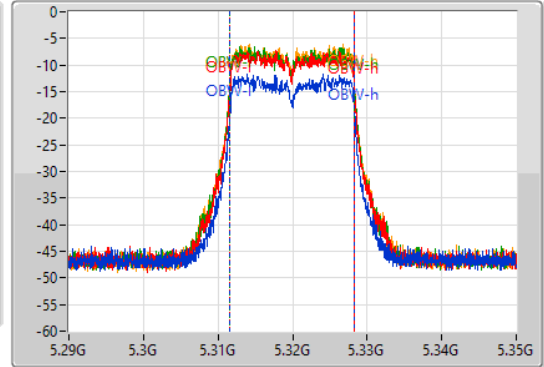
5320MHz

24/08/2022

CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.32GHz
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
20.61M	5.30956G	5.33017G	16.762M	5.311544G	5.328306G	Inf	1
20.55M	5.30977G	5.33032G	16.672M	5.311574G	5.328246G	Inf	2
20.52M	5.30971G	5.33023G	16.702M	5.311574G	5.328276G	Inf	3
20.55M	5.30971G	5.33026G	16.642M	5.311604G	5.328246G	Inf	4

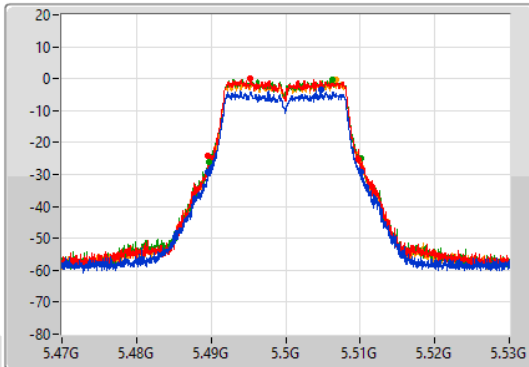
802.11a_Nss1,(6Mbps)_4TX

EBW

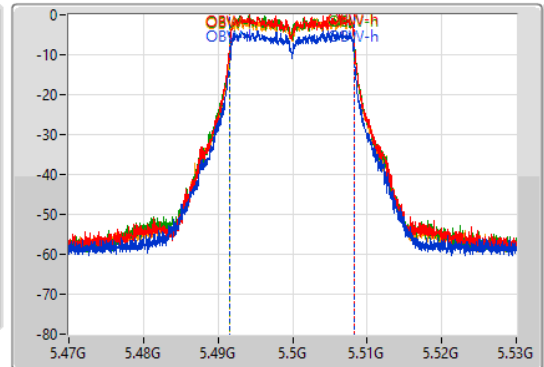
5500MHz

07/09/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
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
20.52M	5.48959G	5.51011G	16.66M	5.491586G	5.508245G	Inf	1
20.22M	5.48962G	5.50984G	16.639M	5.49161G	5.508249G	Inf	2
20.4M	5.48971G	5.51011G	16.649M	5.491606G	5.508255G	Inf	3
20.19M	5.4898G	5.50999G	16.627M	5.491624G	5.508251G	Inf	4

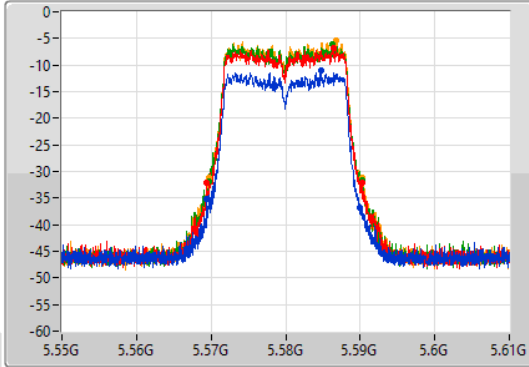
802.11a_Nss1,(6Mbps)_4TX

EBW

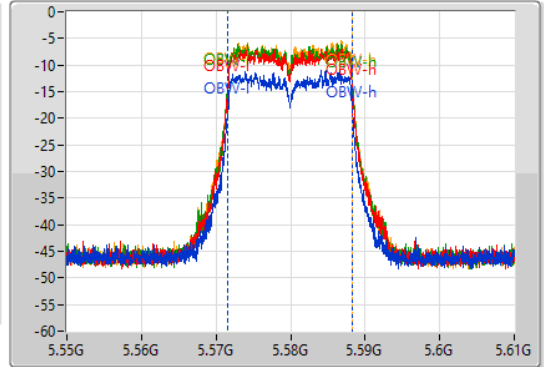
5580MHz

24/08/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
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
20.46M	5.56947G	5.58993G	16.762M	5.571544G	5.588306G	Inf	1
20.82M	5.56944G	5.59026G	16.672M	5.571604G	5.588276G	Inf	2
20.58M	5.56968G	5.59026G	16.702M	5.571574G	5.588276G	Inf	3
20.58M	5.56974G	5.59032G	16.672M	5.571604G	5.588276G	Inf	4

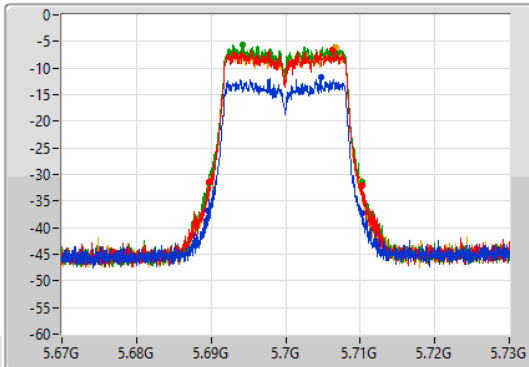
802.11a_Nss1,(6Mbps)_4TX

EBW

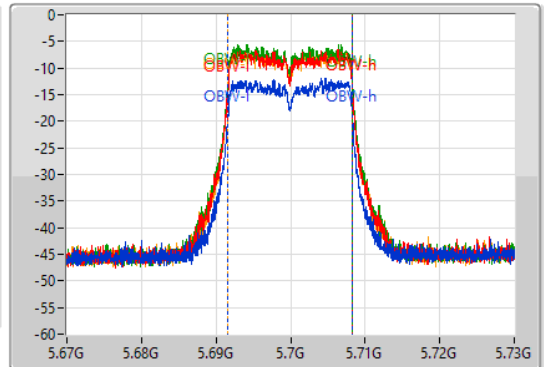
5700MHz

24/08/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

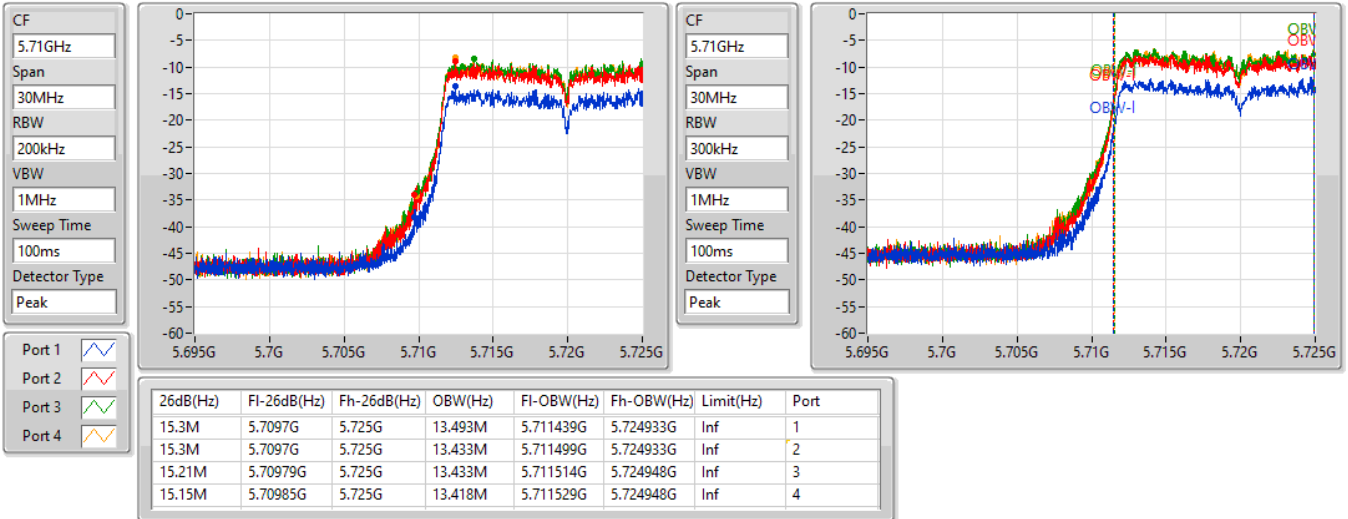
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.6895G	5.7102G	16.792M	5.691514G	5.708306G	Inf	1
20.55M	5.68965G	5.7102G	16.672M	5.691574G	5.708246G	Inf	2
20.64M	5.68965G	5.71029G	16.672M	5.691604G	5.708276G	Inf	3
20.46M	5.68971G	5.71017G	16.642M	5.691604G	5.708246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

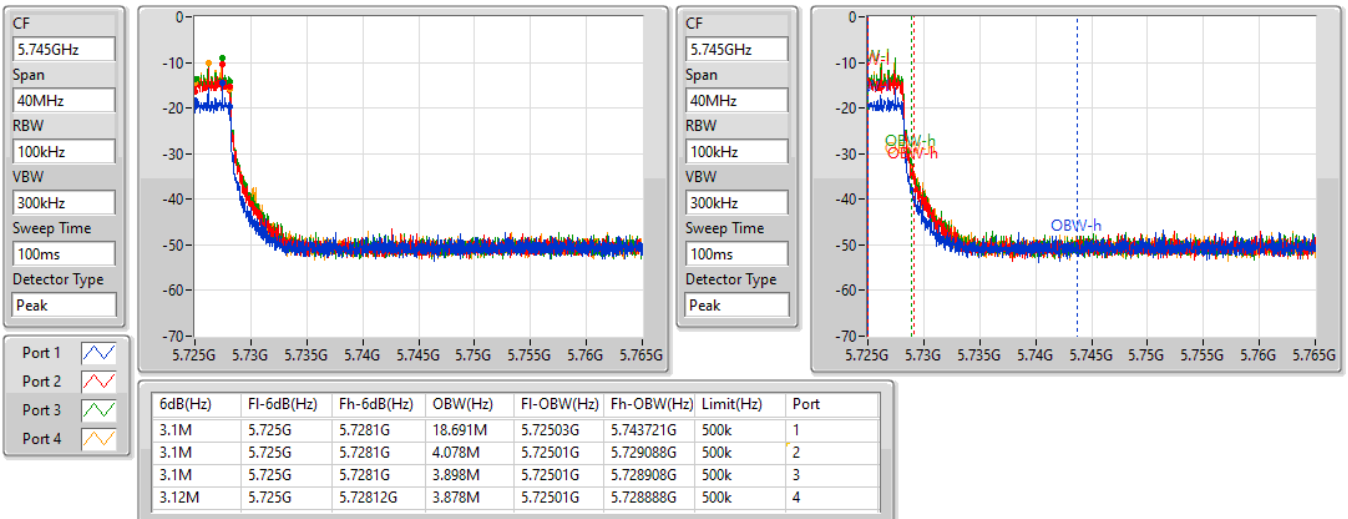


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

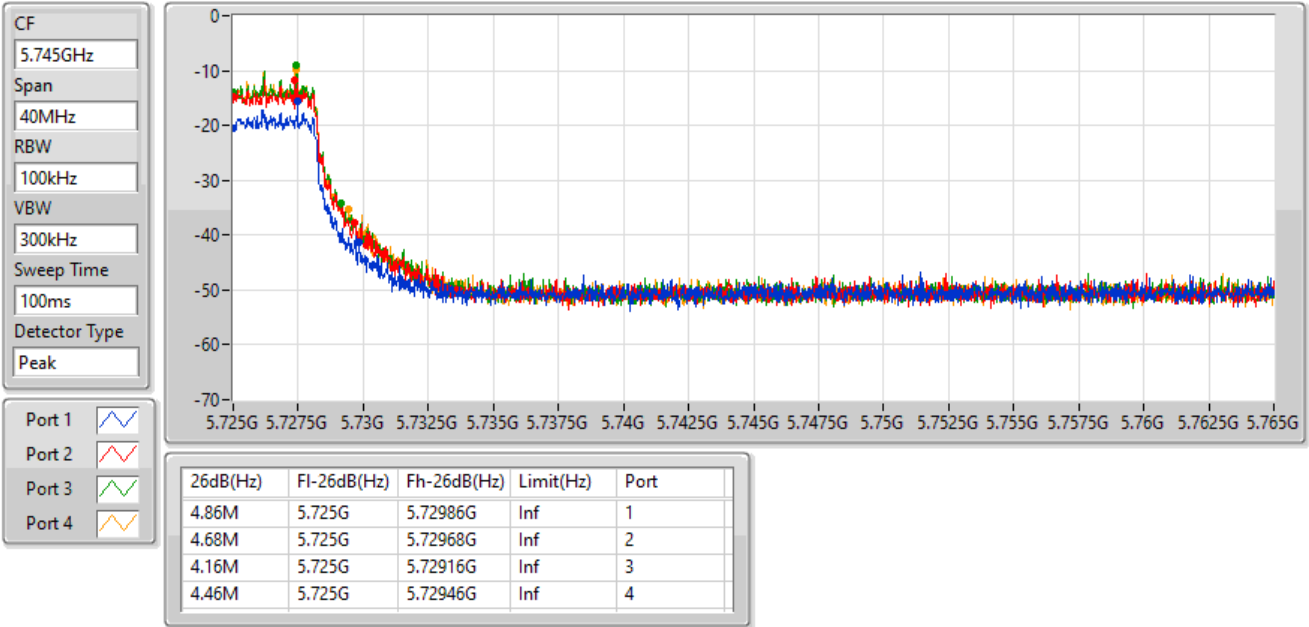


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

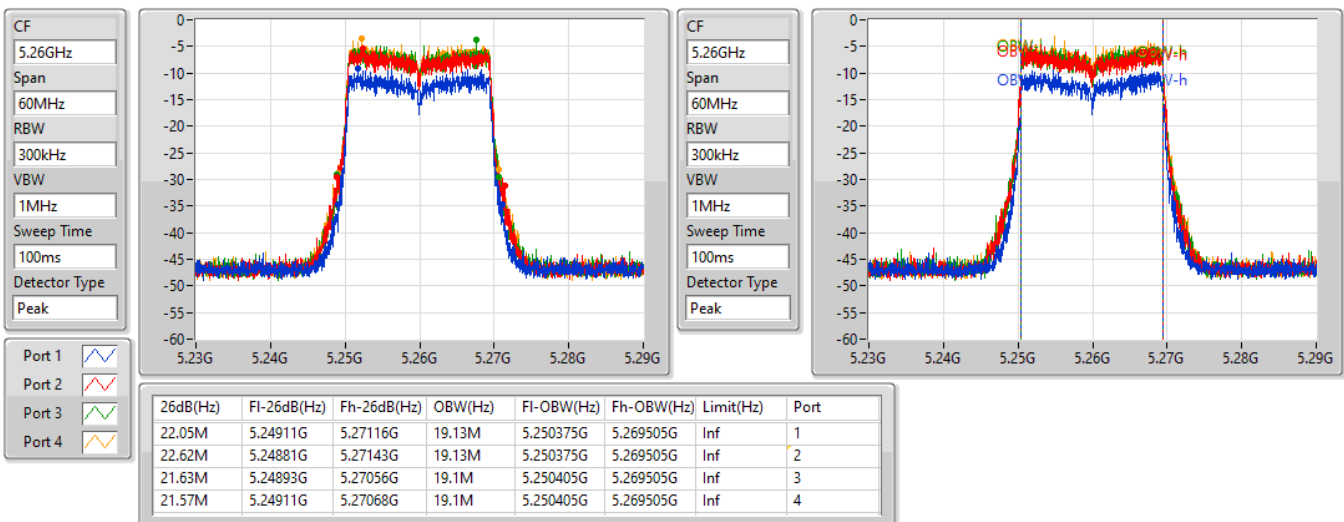


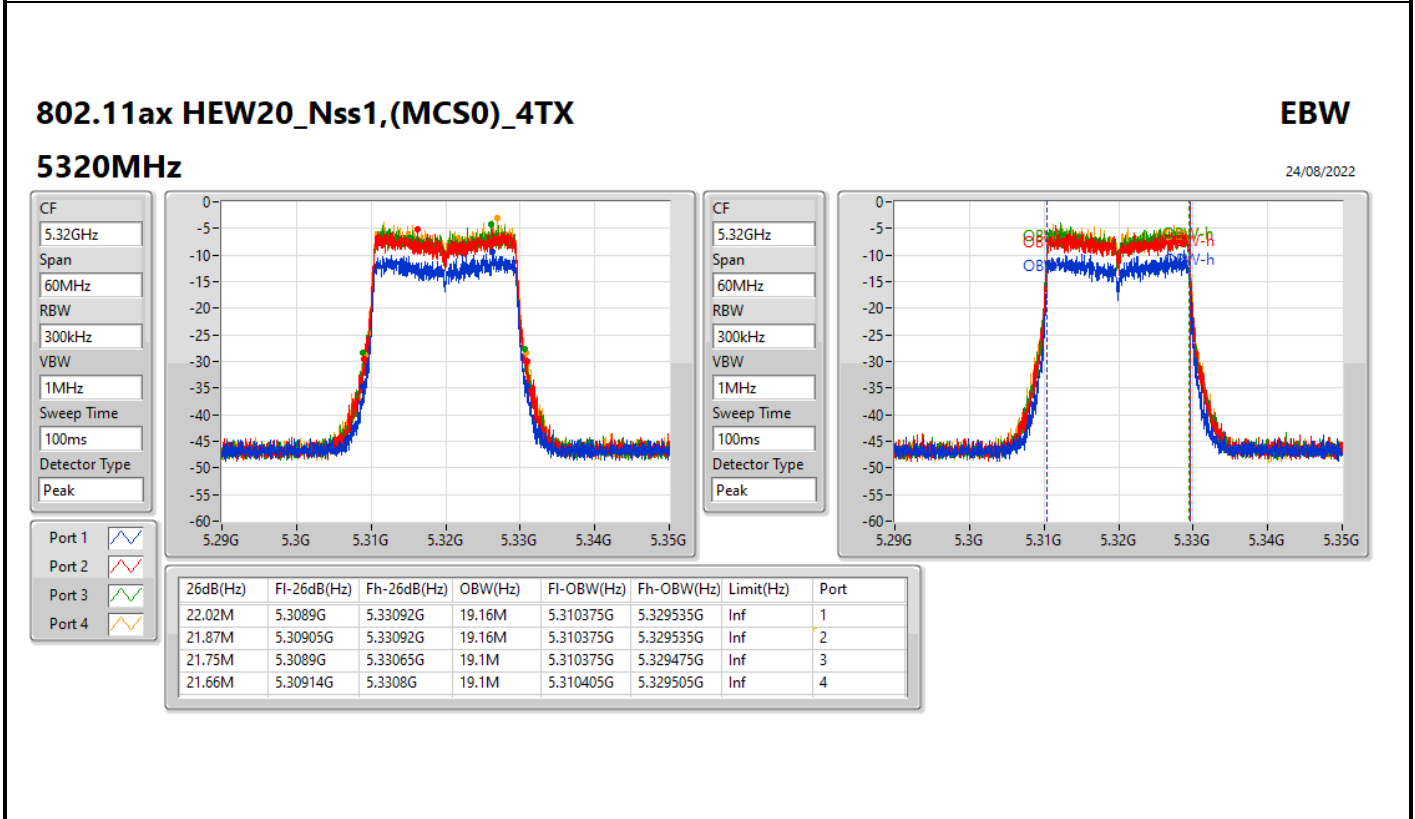
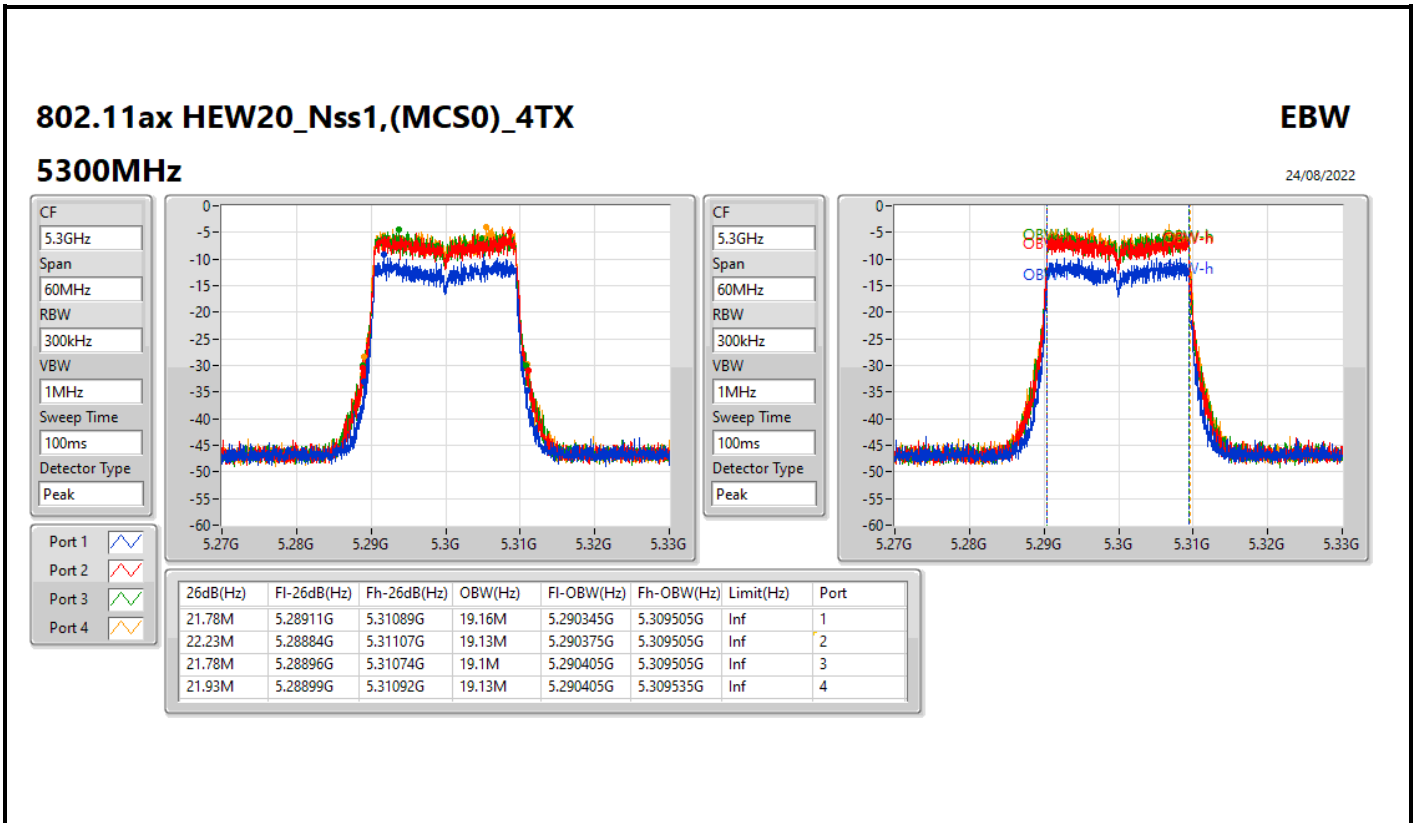
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5260MHz

24/08/2022



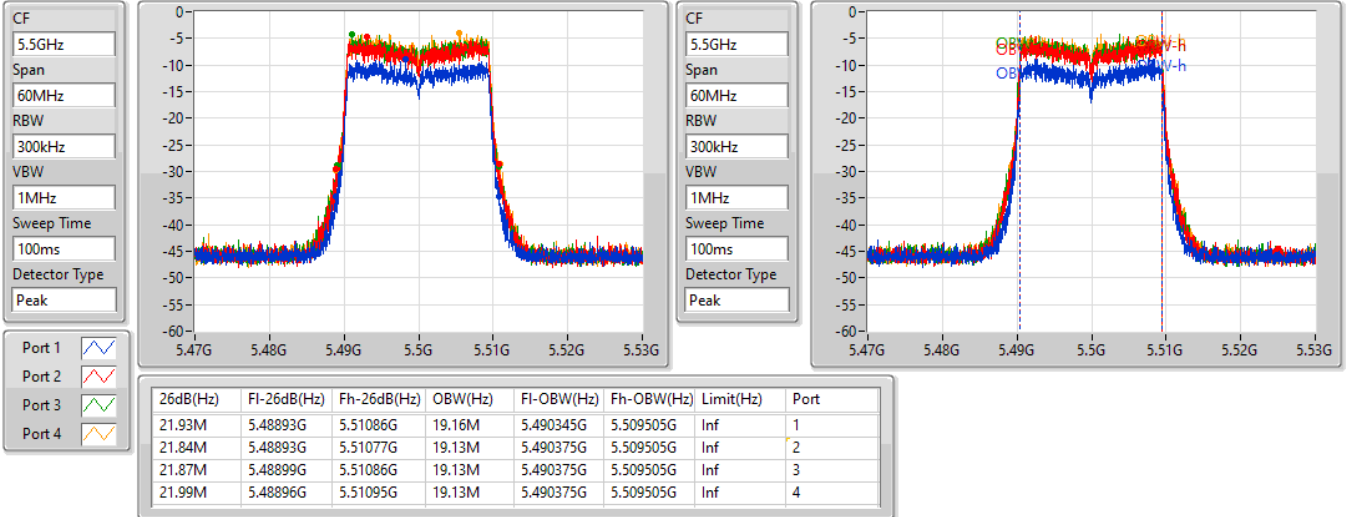


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5500MHz

24/08/2022

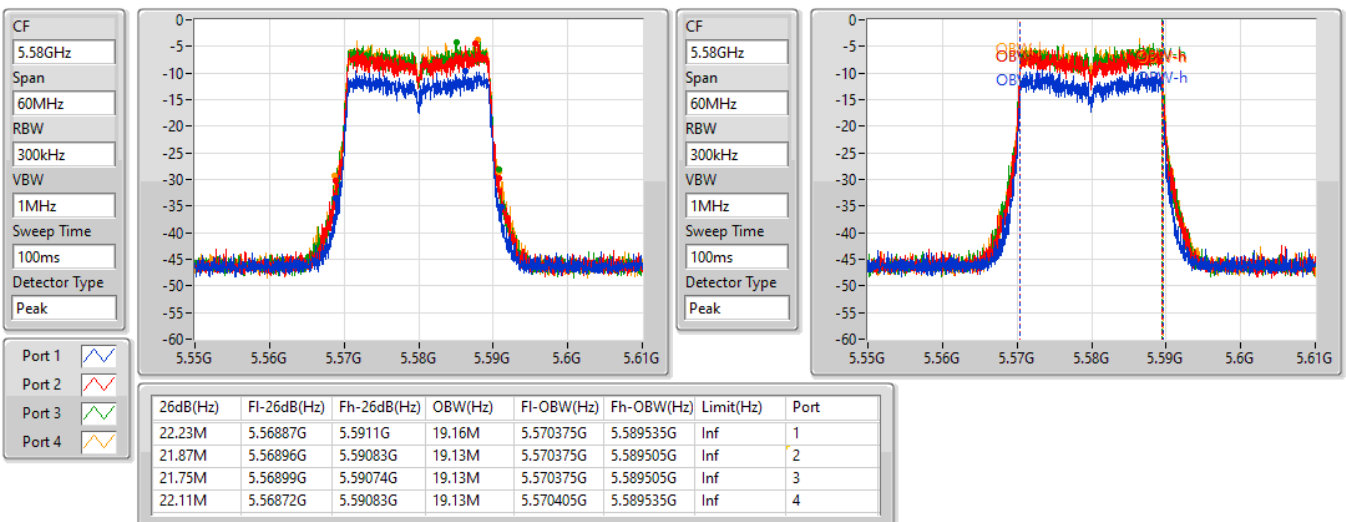


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5580MHz

24/08/2022



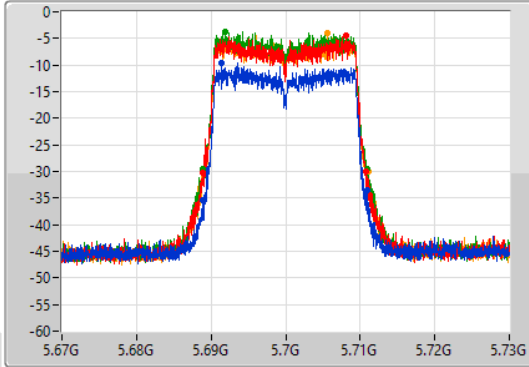
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

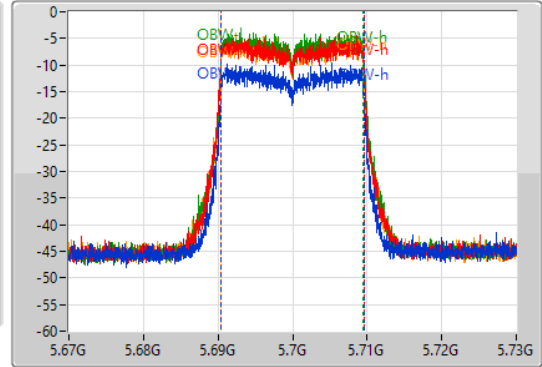
5700MHz

24/08/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
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	5.68893G	5.71101G	19.16M	5.690375G	5.709535G	Inf	1
21.99M	5.68881G	5.7108G	19.16M	5.690375G	5.709535G	Inf	2
22.17M	5.68884G	5.71101G	19.1M	5.690405G	5.709505G	Inf	3
22.2M	5.68884G	5.71104G	19.16M	5.690345G	5.709505G	Inf	4

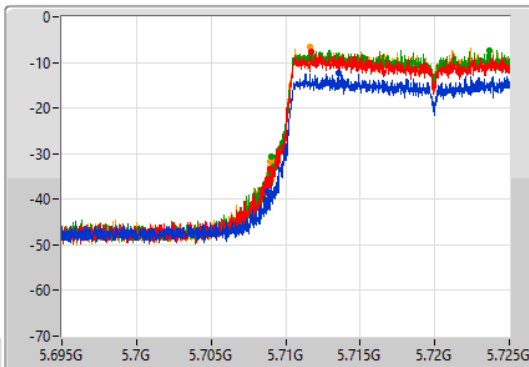
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

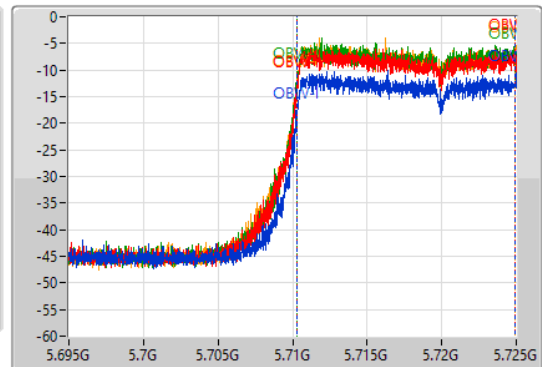
5720MHz Straddle 5.47-5.725GHz

24/08/2022

CF
5.71GHz
Span
30MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

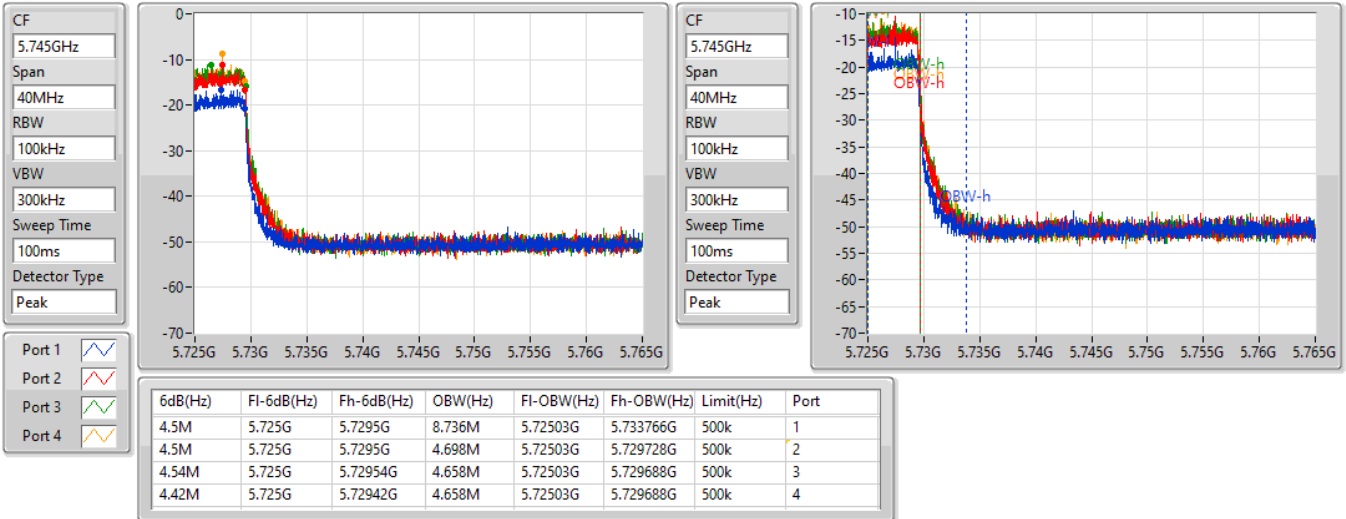
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.185M	5.708815G	5.725G	14.648M	5.710285G	5.724933G	Inf	1
16.035M	5.708965G	5.725G	14.633M	5.7103G	5.724933G	Inf	2
15.975M	5.709025G	5.725G	14.633M	5.7103G	5.724933G	Inf	3
16.005M	5.708995G	5.725G	14.618M	5.71033G	5.724948G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

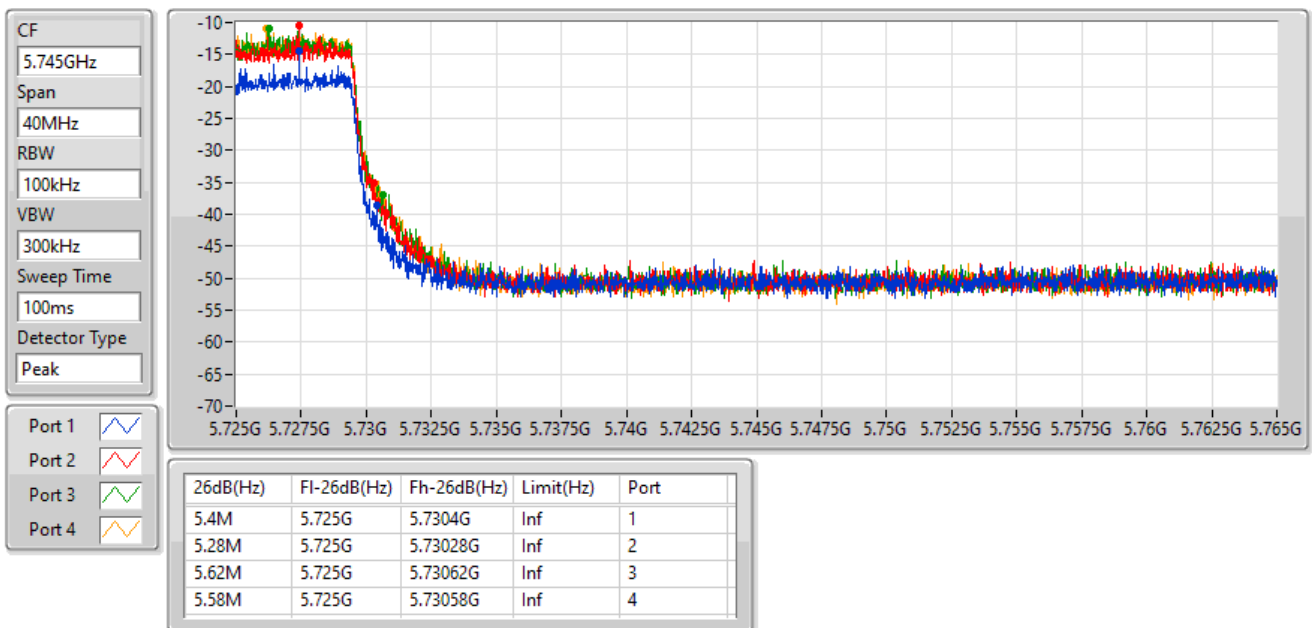


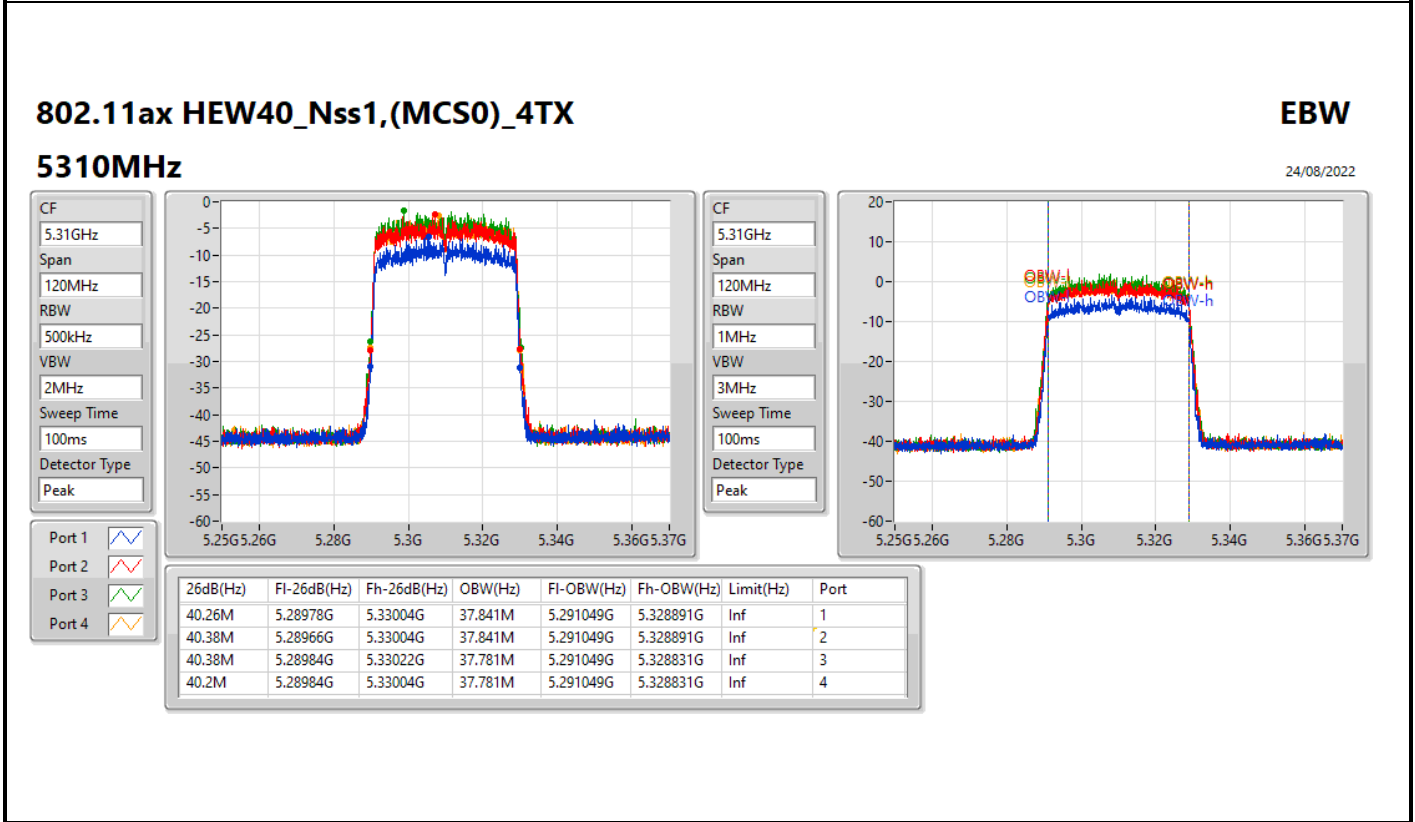
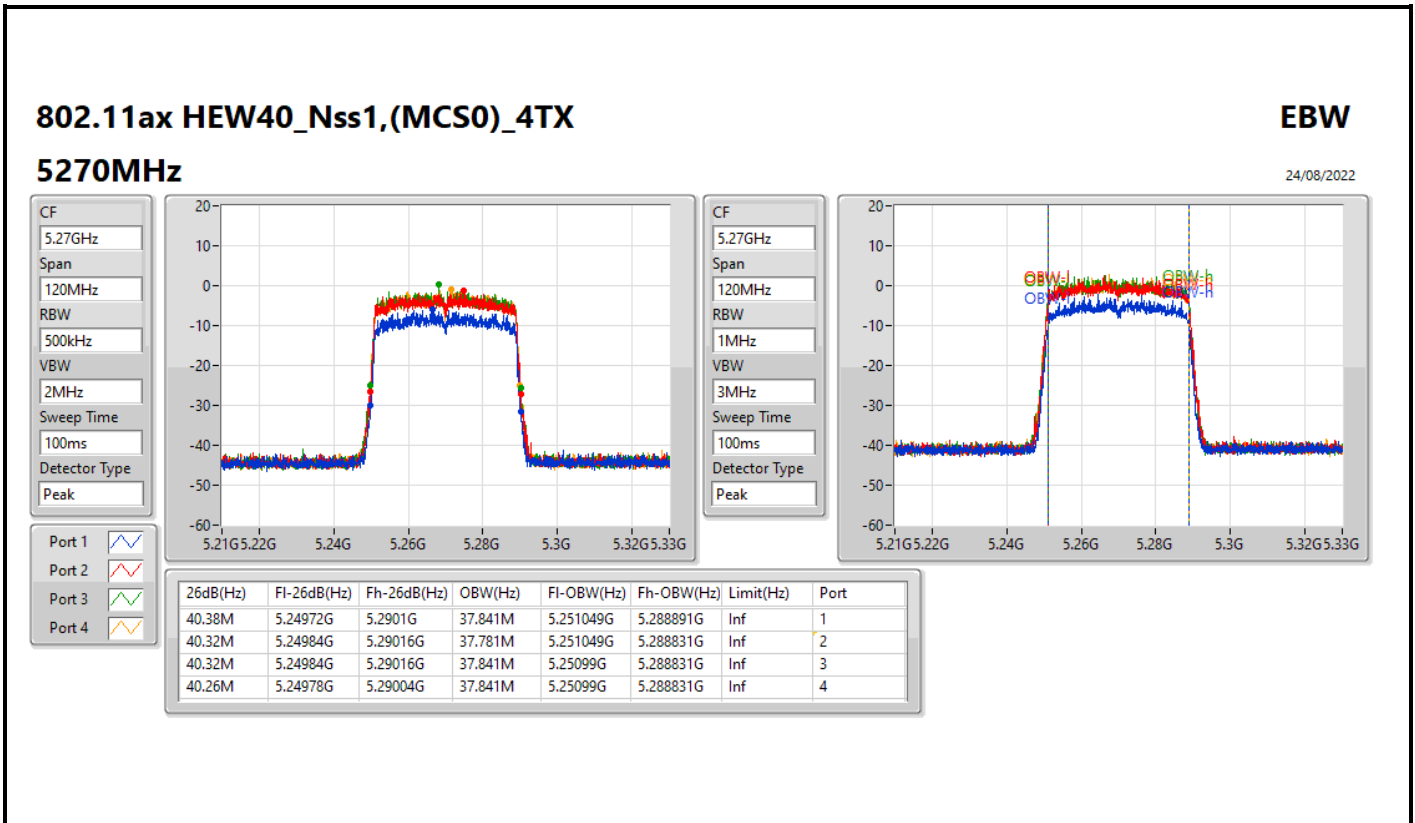
802.11ax HEW20_Nss1,(MCS0)_4TX

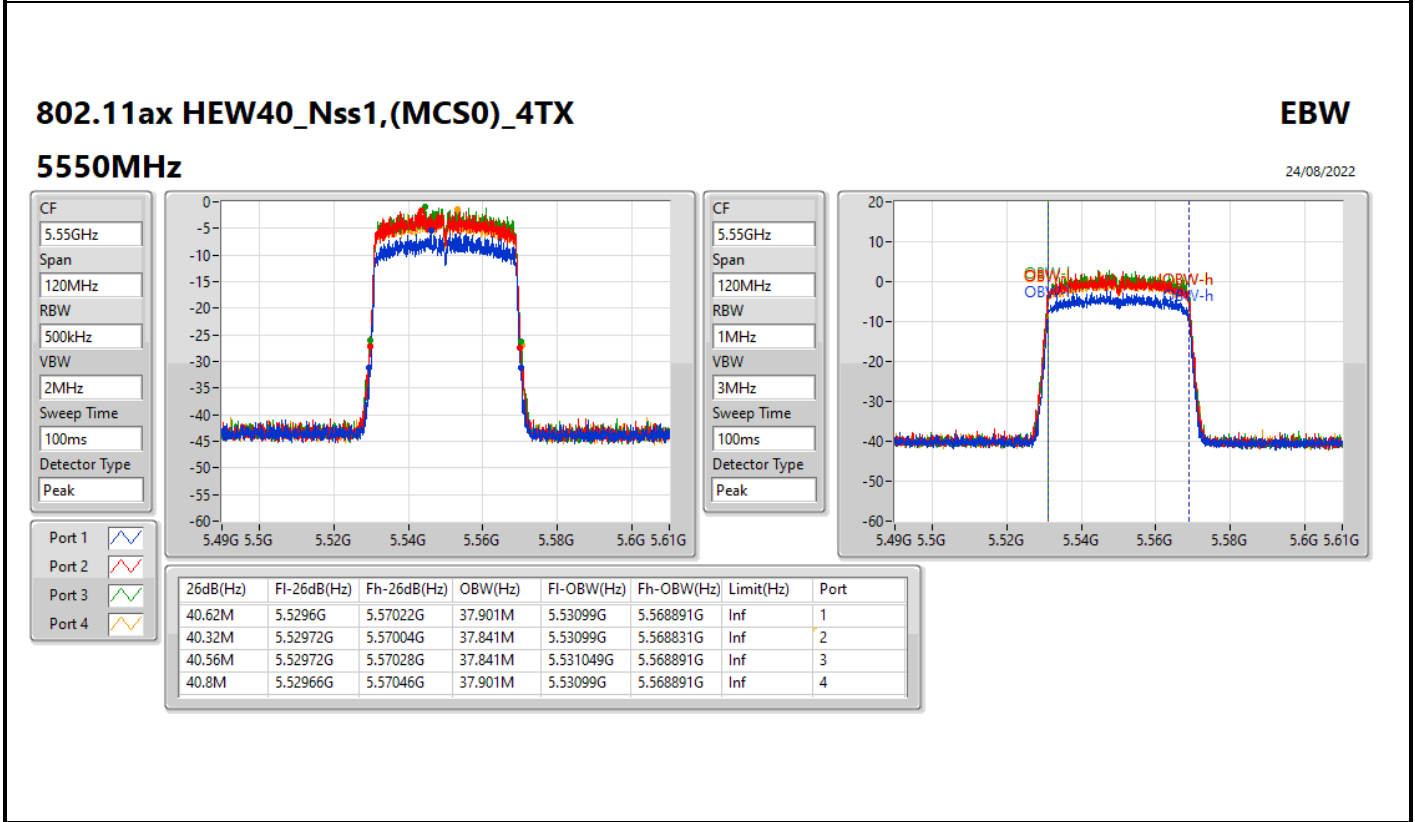
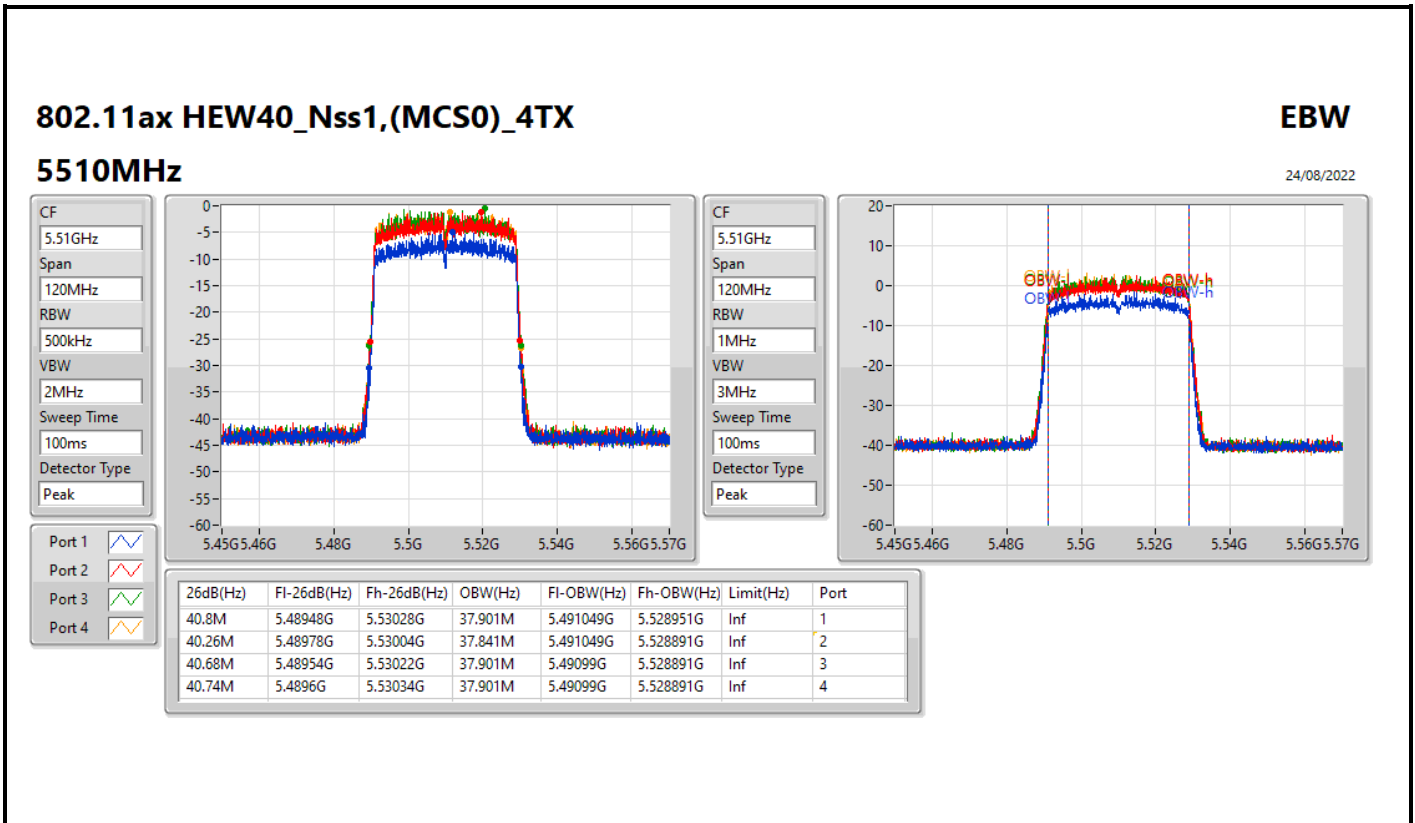
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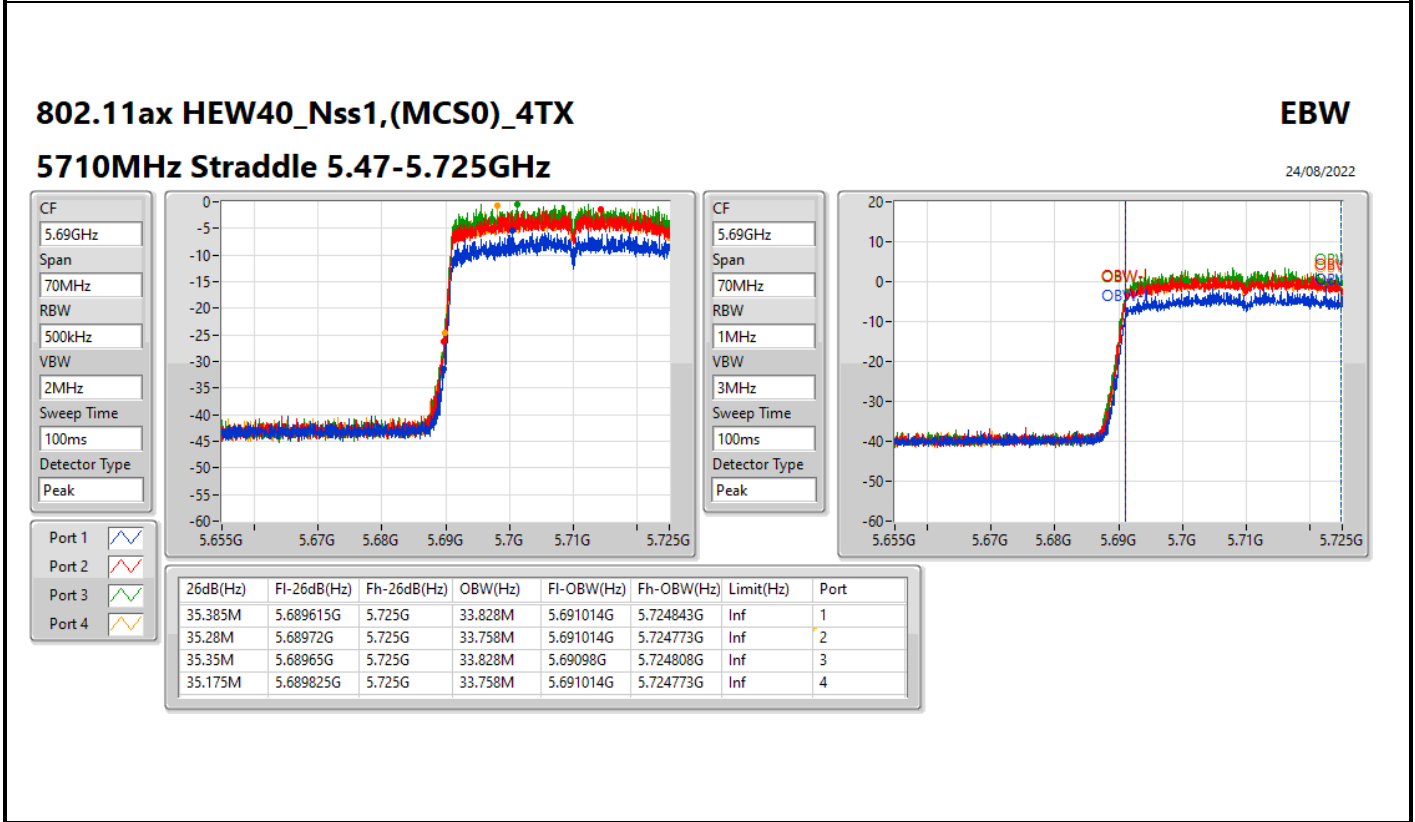
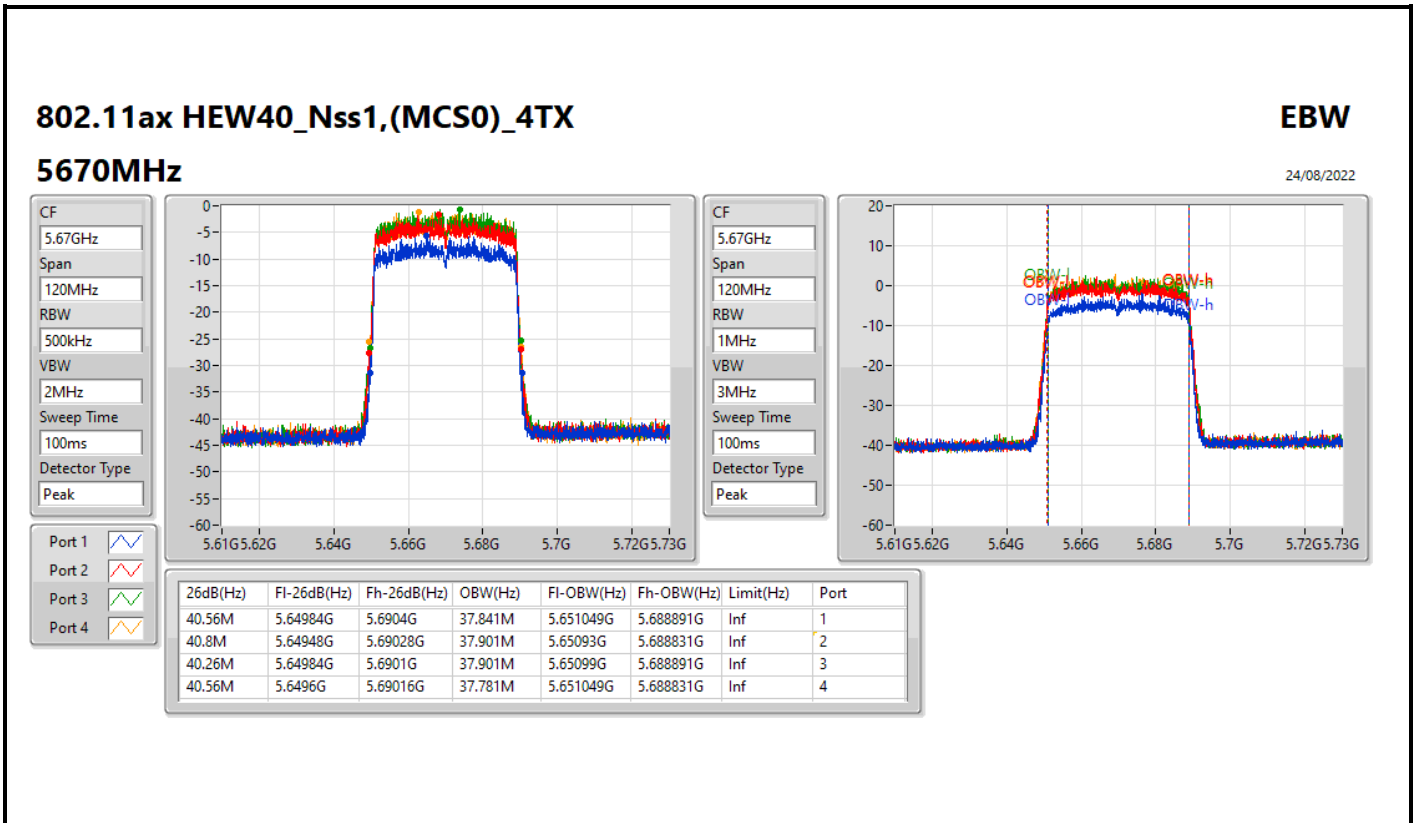
5720MHz Straddle 5.725-5.85GHz

24/08/2022







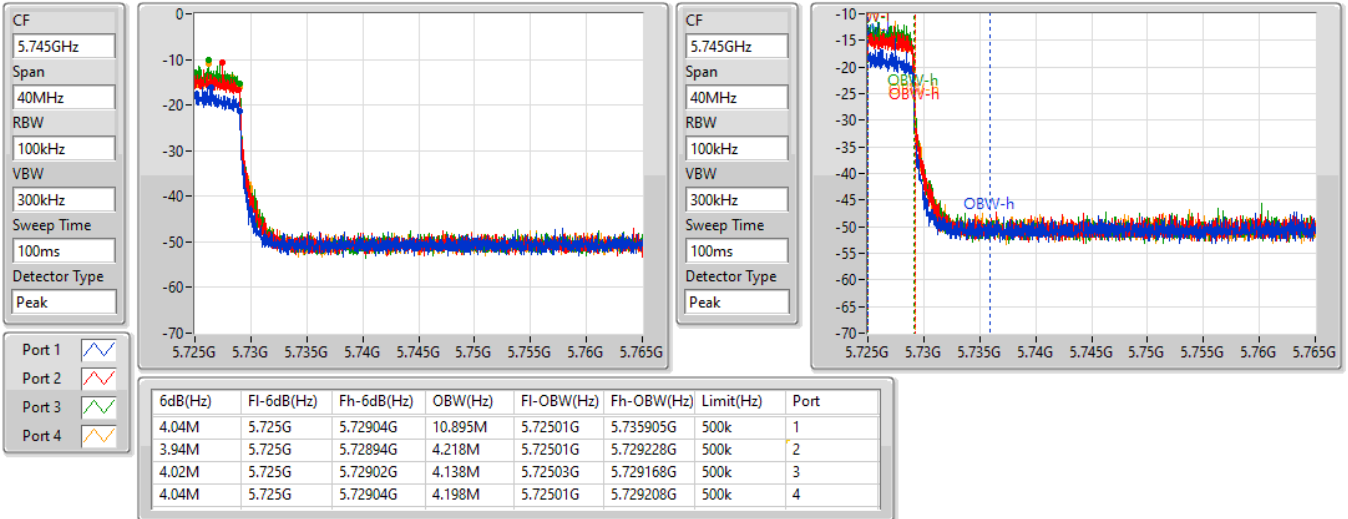


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

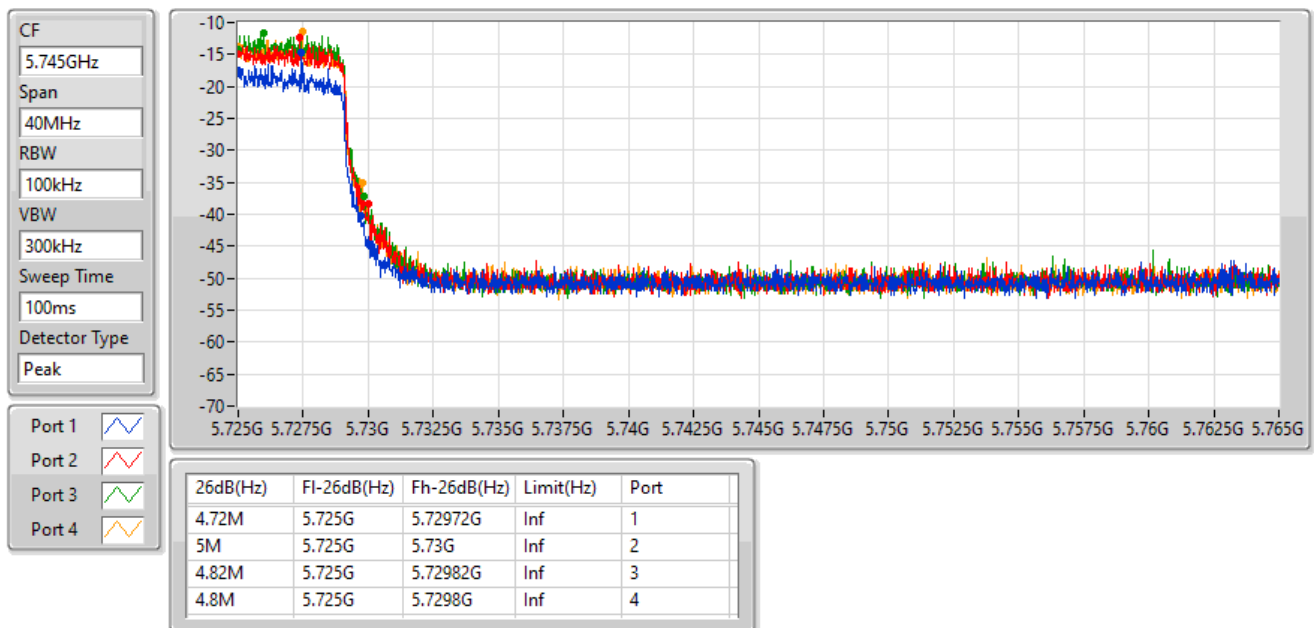


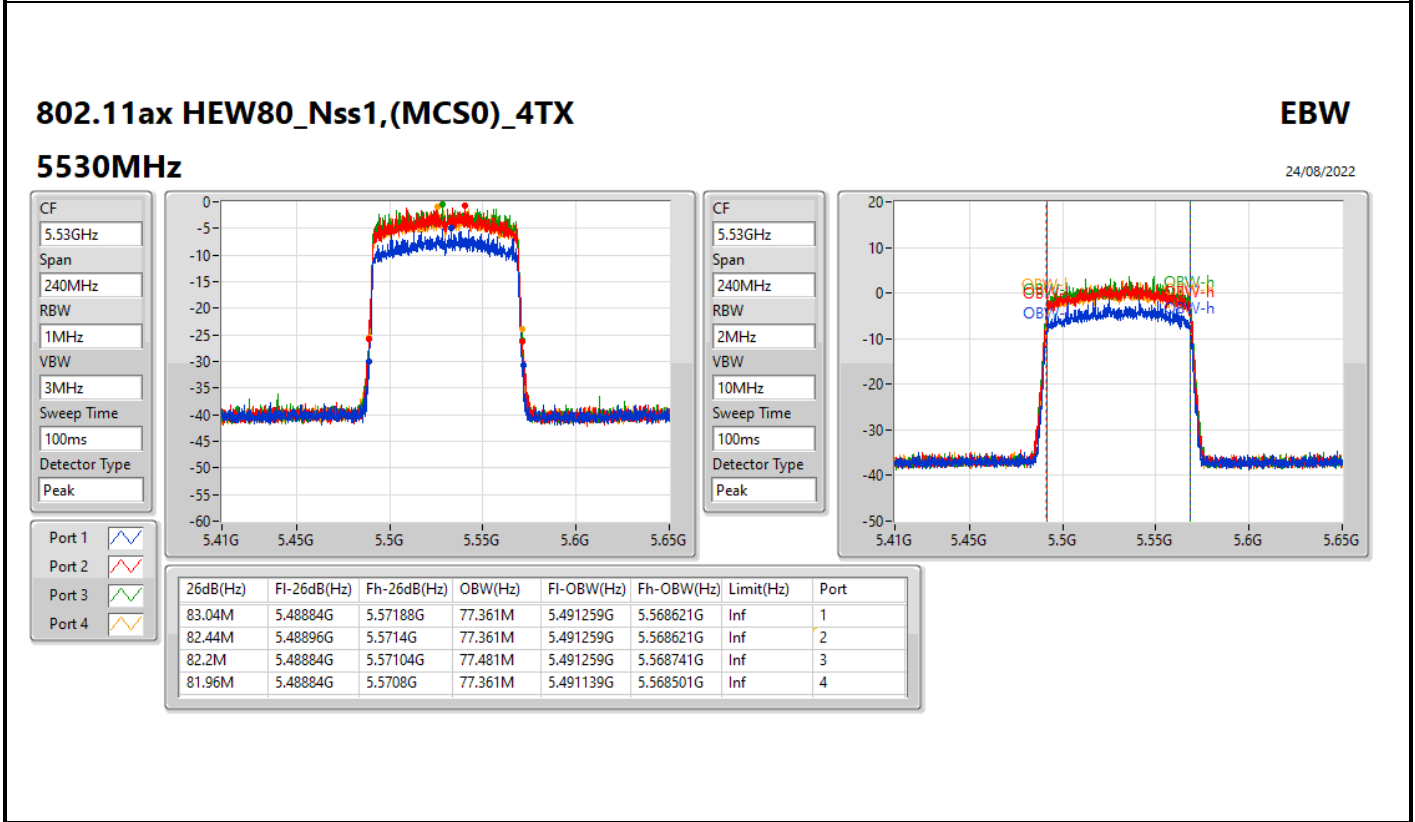
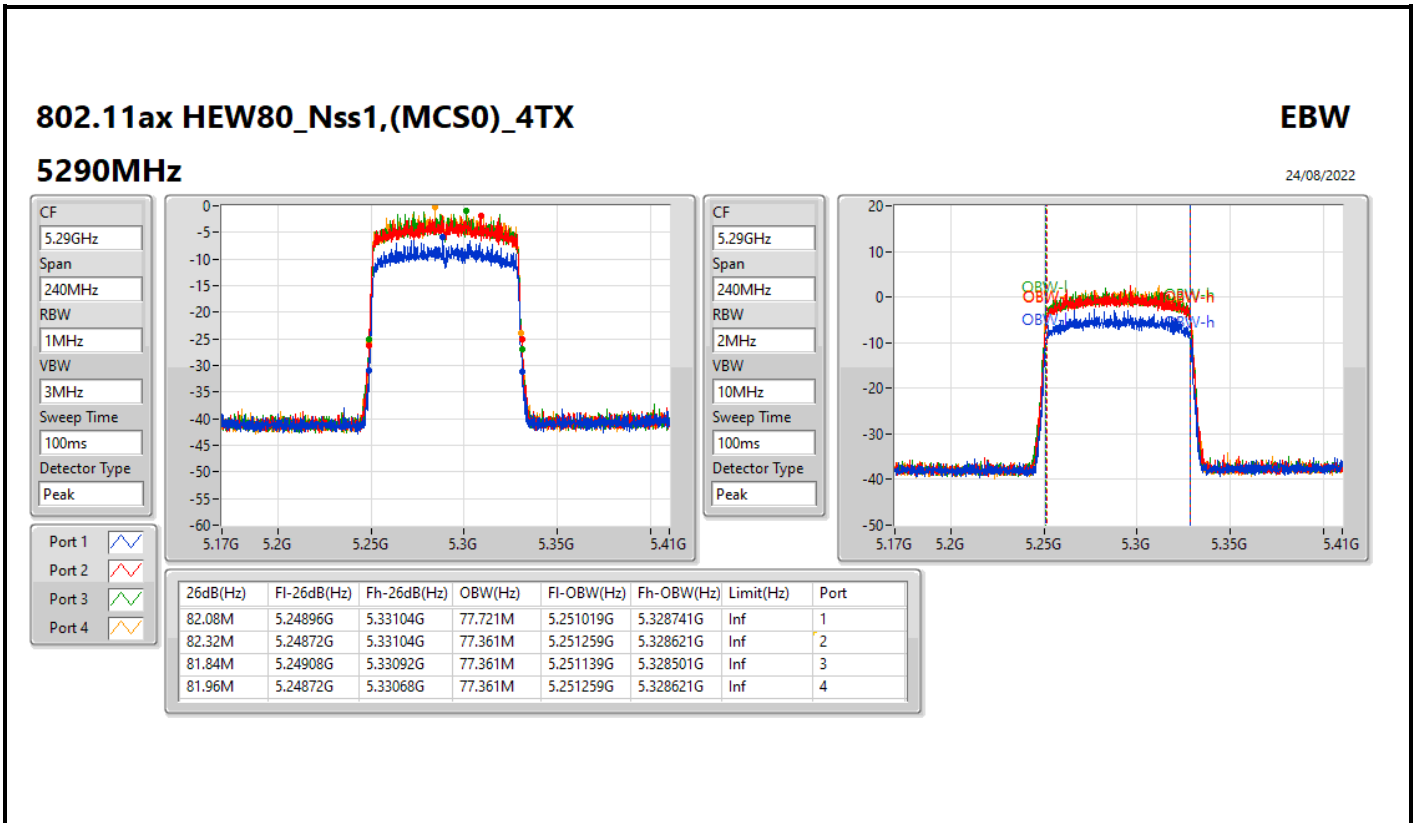
802.11ax HEW40_Nss1,(MCS0)_4TX

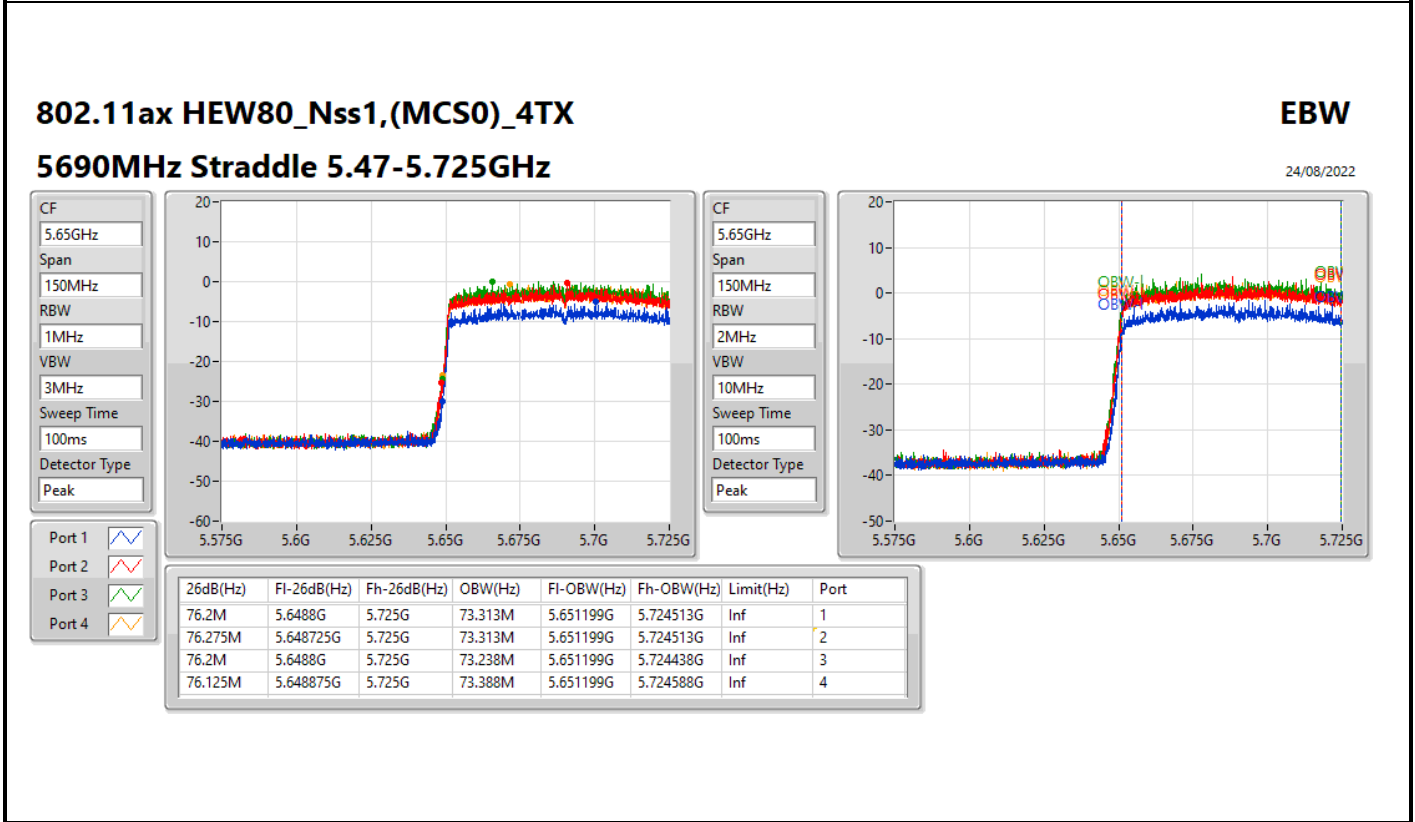
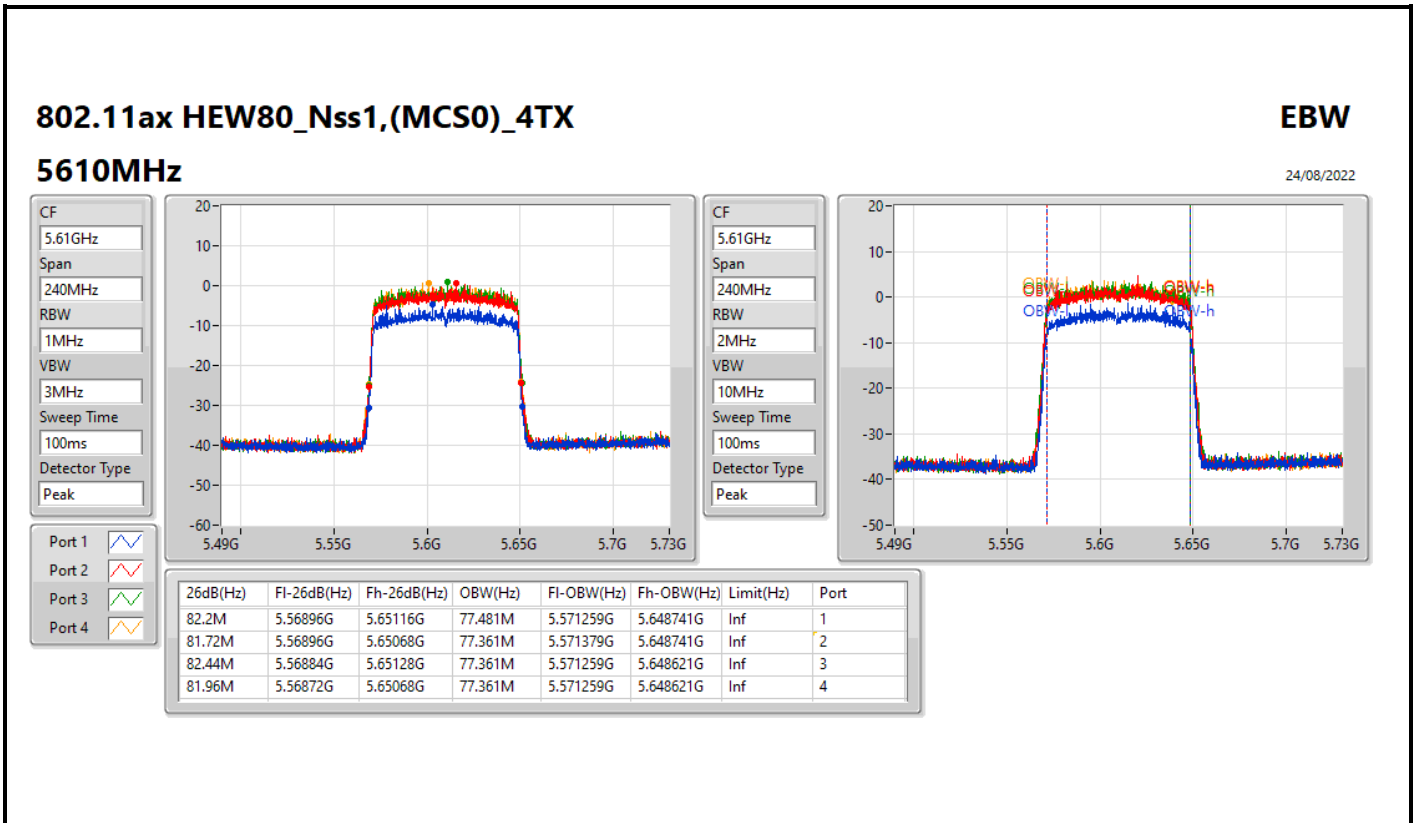
EBW

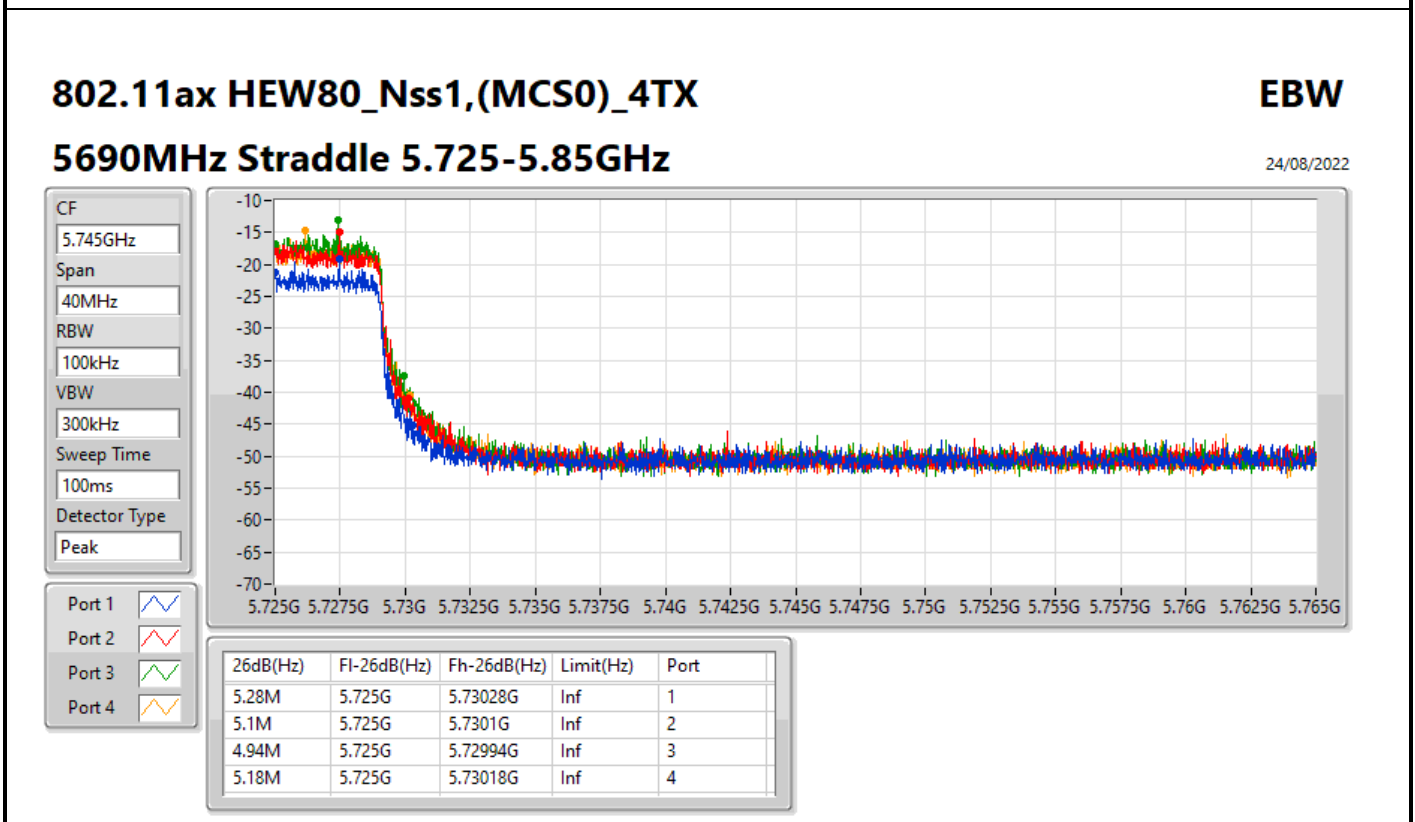
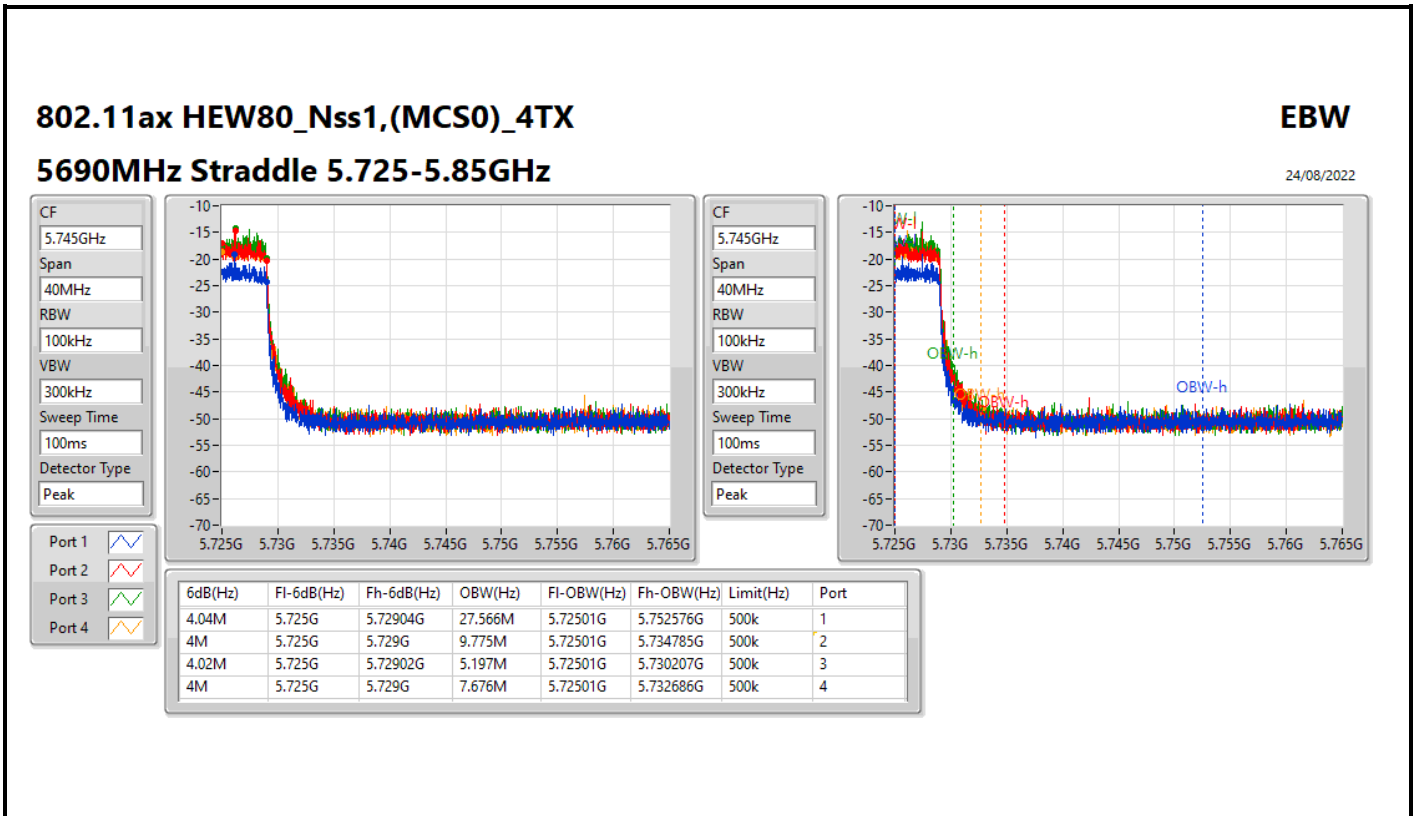
5710MHz Straddle 5.725-5.85GHz

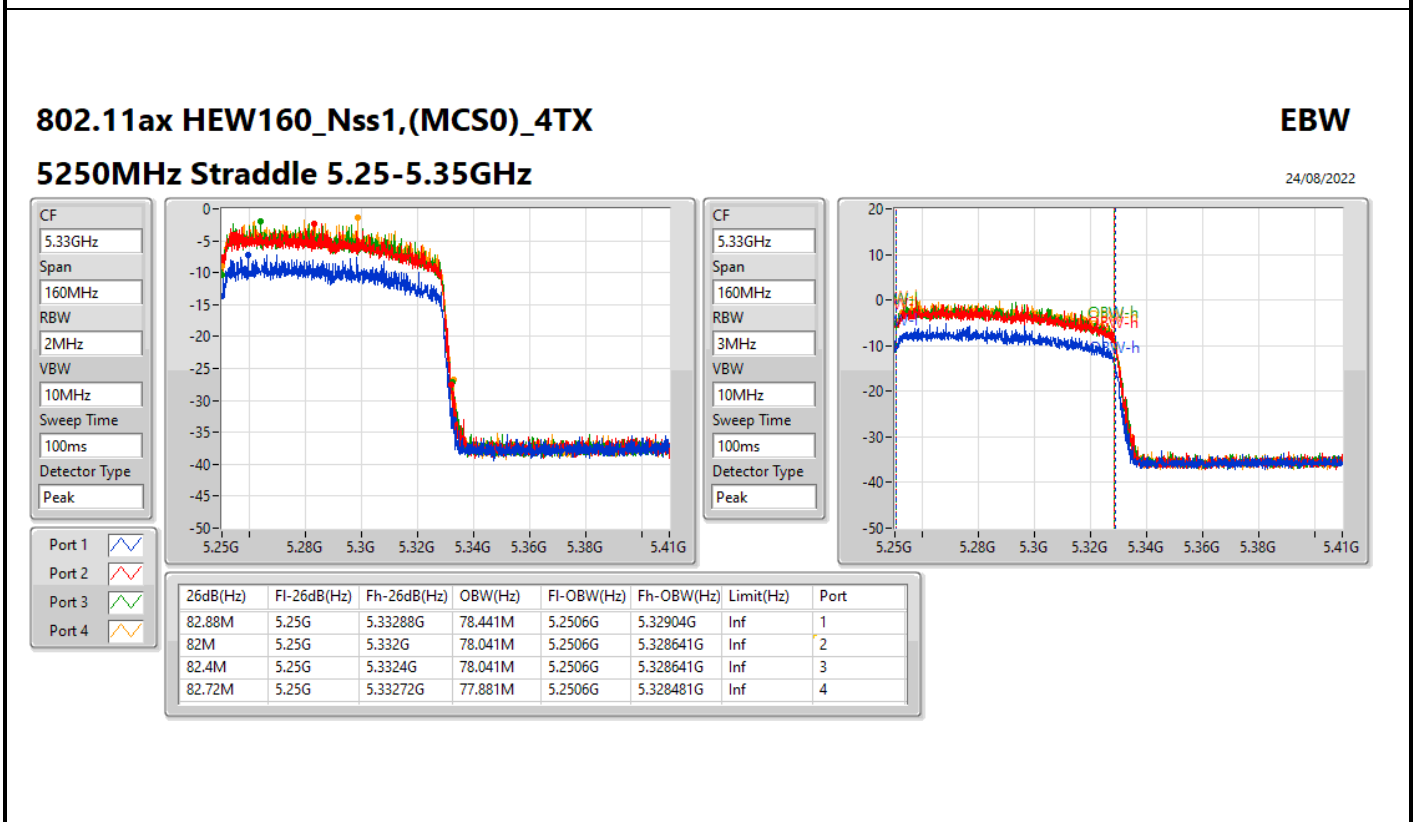
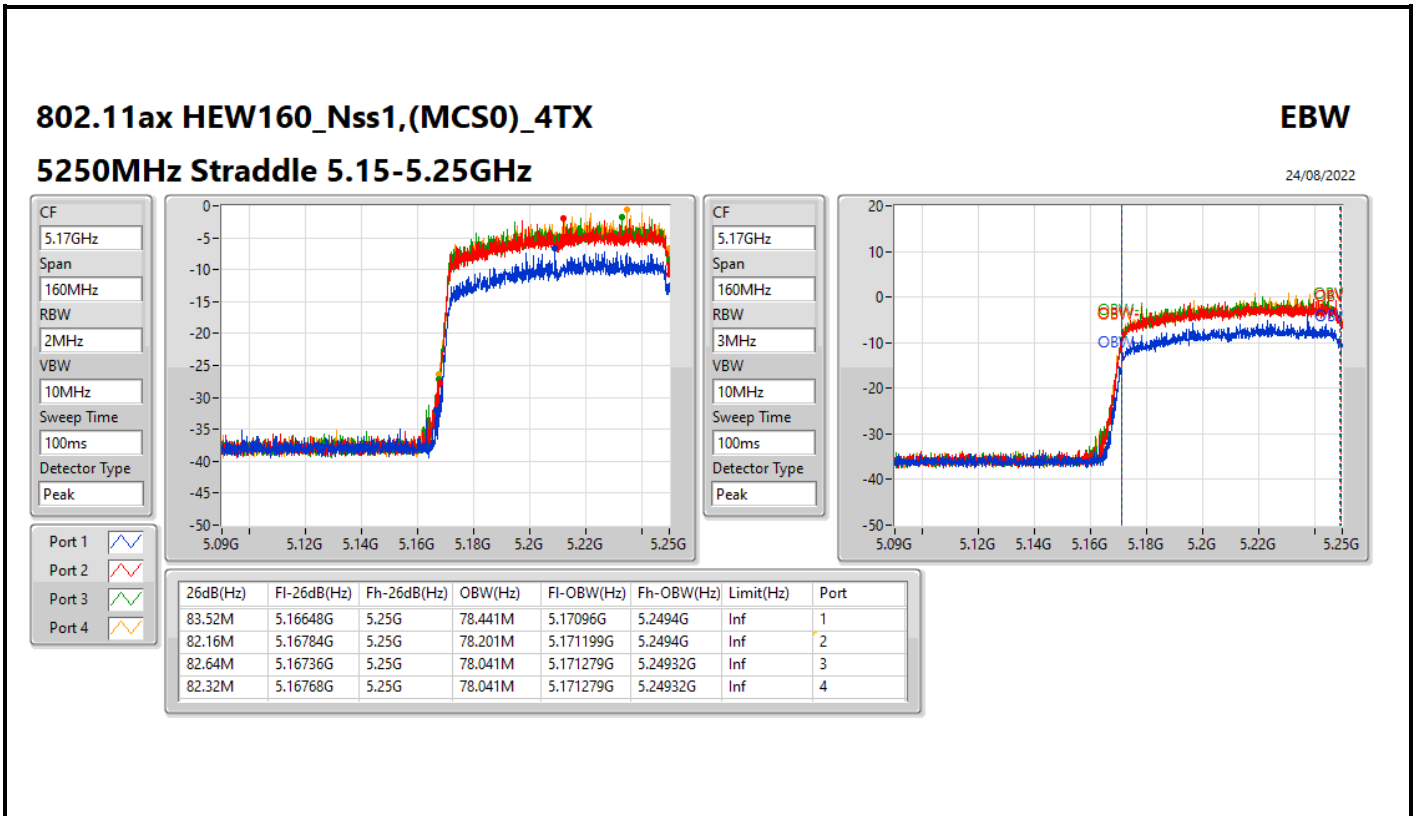
24/08/2022

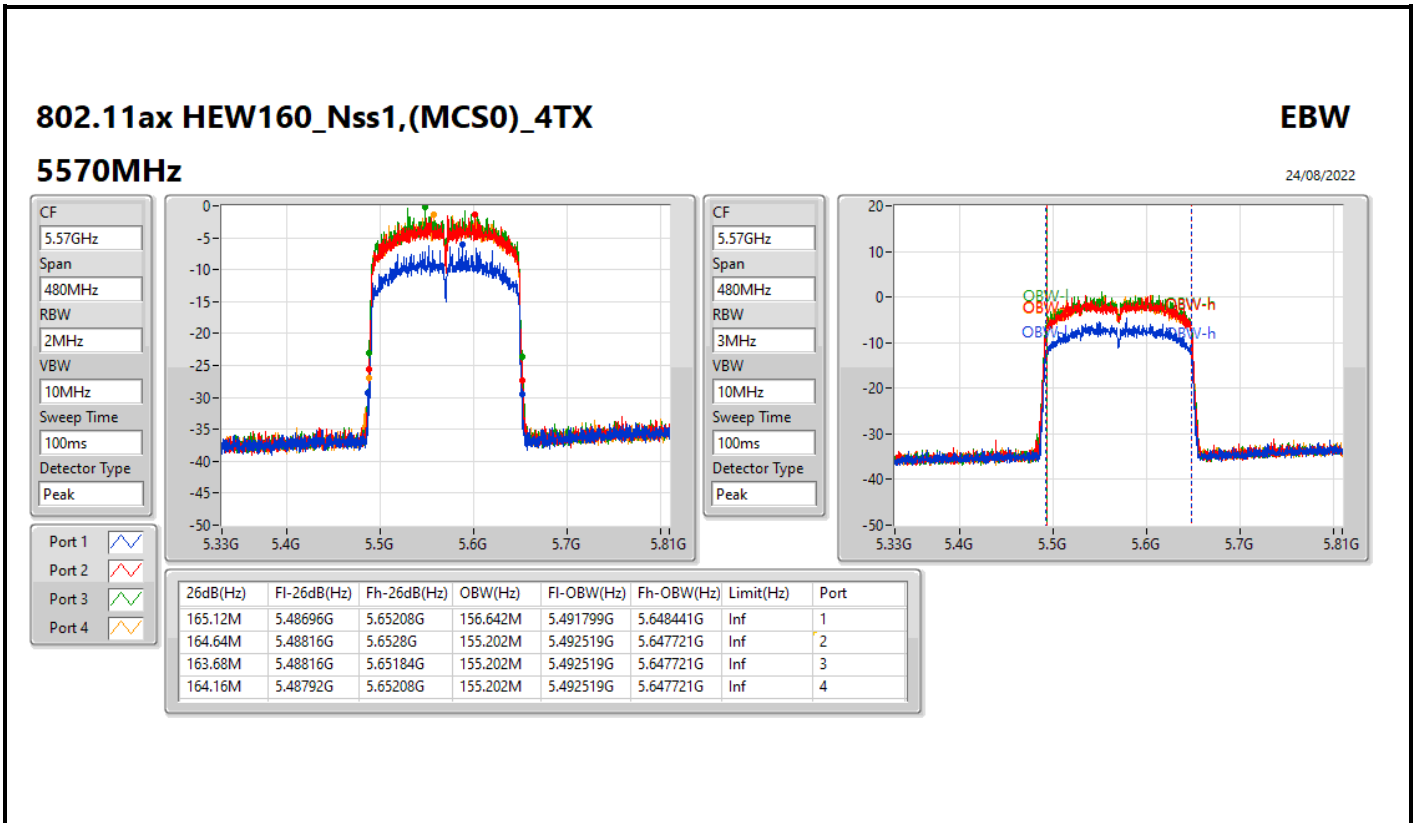














Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	82.16M	77.881M	77M9D1D	82.16M	77.881M
802.11ax HEW160_Nss1,(MCS0)_2TX	82.56M	78.041M	78MOD1D	82.32M	78.041M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.52M	78.441M	78M5D1D	82.16M	78.041M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.82M	16.692M	16M7D1D	20.55M	16.675M
802.11ax HEW20_Nss1,(MCS0)_1TX	24M	19.207M	19M3D1D	22.47M	19.155M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.16M	38.004M	38MOD1D	40.5M	37.781M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.309M	77M4D1D	82.32M	77.309M
802.11ax HEW160_Nss1,(MCS0)_1TX	82.48M	77.881M	77M9D1D	82.48M	77.881M
802.11a_Nss1,(6Mbps)_2TX	21.81M	16.841M	16M9D1D	19.68M	16.599M
802.11ax HEW20_Nss1,(MCS0)_2TX	23.52M	19.235M	19M3D1D	21.72M	19.13M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.56M	37.845M	37M9D1D	40.26M	37.792M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.2M	77.361M	77M4D1D	81.96M	77.361M
802.11ax HEW160_Nss1,(MCS0)_2TX	82.48M	77.961M	78MOD1D	82.16M	77.881M
802.11a_Nss1,(6Mbps)_4TX	20.73M	16.762M	16M8D1D	20.49M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.62M	19.16M	19M2D1D	21.57M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.38M	37.841M	37M9D1D	40.2M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.721M	77M8D1D	81.84M	77.361M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.88M	78.441M	78M5D1D	82M	77.881M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.64M	16.672M	16M7D1D	15.27M	13.406M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.14M	19.16M	19M2D1D	15.855M	14.57M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.44M	37.853M	37M9D1D	35.21M	33.77M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.2M	77.481M	77M5D1D	76.5M	73.238M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.64M	154.963M	155MD1D	164.64M	154.963M
802.11a_Nss1,(6Mbps)_2TX	20.64M	16.672M	16M7D1D	15.165M	13.371M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.38M	19.16M	19M2D1D	15.99M	14.614M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.68M	37.841M	37M9D1D	35.14M	33.725M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.2M	77.361M	77M4D1D	76.125M	73.239M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.12M	155.442M	155MD1D	163.68M	154.963M
802.11a_Nss1,(6Mbps)_4TX	20.82M	16.792M	16M8D1D	15.15M	13.418M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.23M	19.16M	19M2D1D	15.975M	14.618M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.8M	37.901M	38MOD1D	35.175M	33.758M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.04M	77.481M	77M5D1D	76.125M	73.238M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.12M	156.642M	157MD1D	163.68M	155.202M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.474M	3M47D1D	3.1M	3.474M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.5M	4.584M	4M58D1D	4.5M	4.584M
802.11ax HEW40_Nss1,(MCS0)_1TX	4.02M	4.125M	4M13D1D	4.02M	4.125M
802.11ax HEW80_Nss1,(MCS0)_1TX	4.02M	4.538M	4M54D1D	4.02M	4.538M
802.11a_Nss1,(6Mbps)_2TX	3.1M	3.526M	3M53D1D	3.06M	3.495M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.48M	4.596M	4M60D1D	4.42M	4.587M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.02M	4.082M	4M08D1D	3.98M	4.081M
802.11ax HEW80_Nss1,(MCS0)_2TX	4M	4.179M	4M18D1D	3.96M	4.144M
802.11a_Nss1,(6Mbps)_4TX	3.12M	18.691M	18M7D1D	3.1M	3.878M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.54M	8.736M	8M74D1D	4.42M	4.658M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.04M	10.895M	10M9D1D	3.94M	4.138M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.04M	27.566M	27M6D1D	4M	5.197M

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



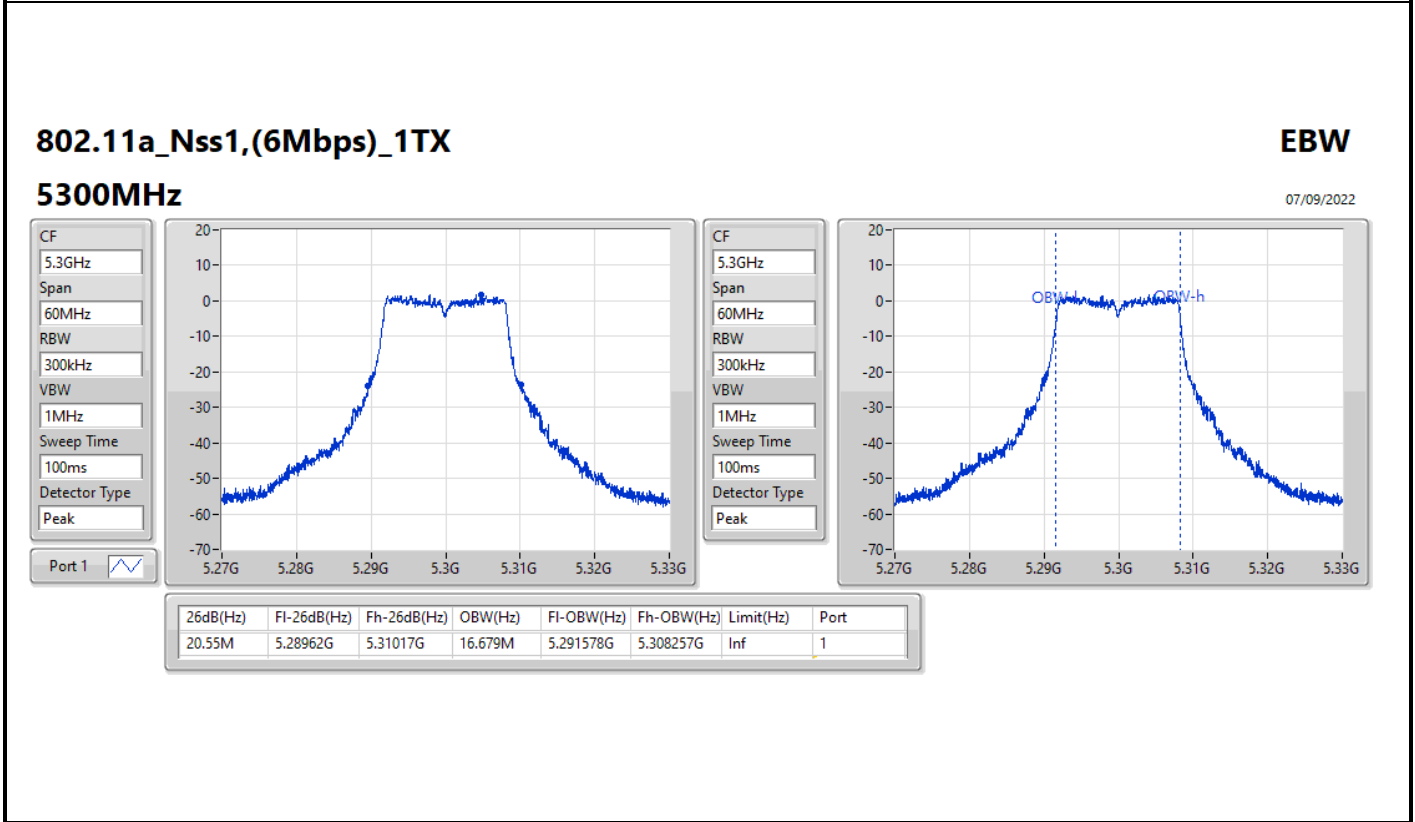
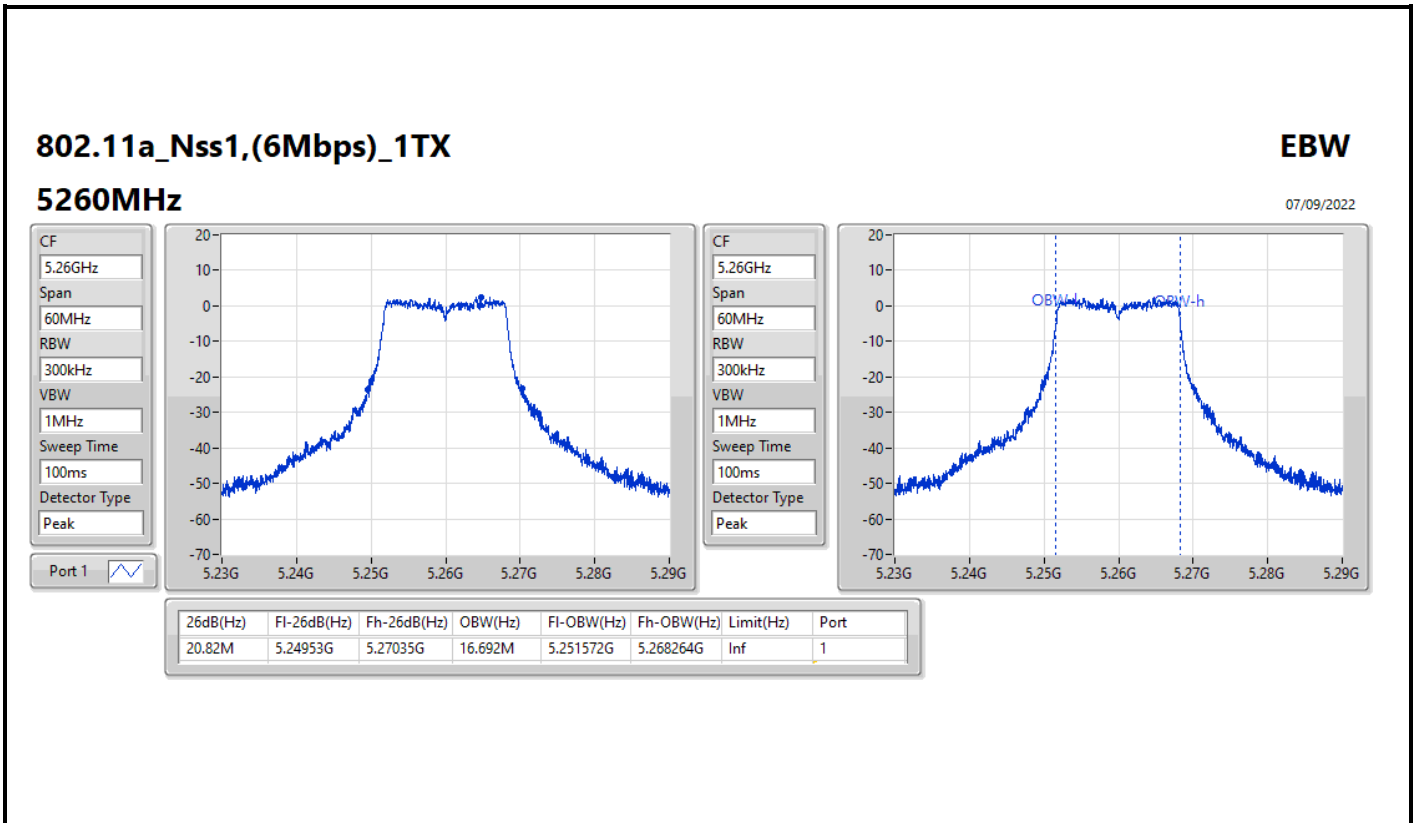
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.82M	16.692M						
5300MHz	Pass	Inf	20.55M	16.679M						
5320MHz	Pass	Inf	20.67M	16.675M						
5500MHz	Pass	Inf	20.64M	16.672M						
5580MHz	Pass	Inf	20.22M	16.672M						
5700MHz	Pass	Inf	20.31M	16.672M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.27M	13.406M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.474M						
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	24M	19.207M						
5300MHz	Pass	Inf	22.47M	19.206M						
5320MHz	Pass	Inf	22.56M	19.155M						
5500MHz	Pass	Inf	22.14M	19.108M						
5580MHz	Pass	Inf	21.93M	19.16M						
5700MHz	Pass	Inf	21.69M	19.1M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	14.57M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.584M						
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.16M	38.004M						
5310MHz	Pass	Inf	40.5M	37.781M						
5510MHz	Pass	Inf	40.32M	37.853M						
5550MHz	Pass	Inf	40.44M	37.841M						
5670MHz	Pass	Inf	40.38M	37.781M						
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.77M						
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.125M						
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.309M						
5530MHz	Pass	Inf	82.2M	77.481M						
5610MHz	Pass	Inf	82.2M	77.361M						
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.238M						
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.538M						
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.16M	77.881M						
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.48M	77.881M						
5570MHz	Pass	Inf	164.64M	154.963M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.6M	16.841M	20.82M	16.636M				
5300MHz	Pass	Inf	21.81M	16.8M	20.76M	16.617M				
5320MHz	Pass	Inf	20.88M	16.683M	19.68M	16.599M				
5500MHz	Pass	Inf	20.64M	16.672M	20.01M	16.612M				
5580MHz	Pass	Inf	20.52M	16.672M	19.95M	16.582M				
5700MHz	Pass	Inf	20.22M	16.667M	20.4M	16.608M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.36M	13.418M	15.165M	13.371M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.495M	3.06M	3.526M				
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	23.52M	19.235M	22.56M	19.168M				
5300MHz	Pass	Inf	22.02M	19.168M	22.23M	19.139M				
5320MHz	Pass	Inf	22.2M	19.13M	21.72M	19.13M				
5500MHz	Pass	Inf	21.75M	19.13M	22.2M	19.13M				
5580MHz	Pass	Inf	22.05M	19.124M	22.38M	19.138M				
5700MHz	Pass	Inf	22.23M	19.16M	21.93M	19.13M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.99M	14.626M	16.08M	14.614M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.596M	4.42M	4.587M				
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5270MHz	Pass	Inf	40.56M	37.792M	40.56M	37.845M				
5310MHz	Pass	Inf	40.26M	37.841M	40.38M	37.841M				
5510MHz	Pass	Inf	40.38M	37.841M	40.32M	37.841M				
5550MHz	Pass	Inf	40.2M	37.721M	40.5M	37.781M				
5670MHz	Pass	Inf	40.68M	37.781M	40.38M	37.781M				
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.14M	33.725M	35.21M	33.744M				
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.082M	3.98M	4.081M				
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	77.361M	81.96M	77.361M				
5530MHz	Pass	Inf	81.36M	77.241M	81.84M	77.121M				
5610MHz	Pass	Inf	82.2M	77.361M	82.08M	77.361M				
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.239M	76.125M	73.307M				
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.179M	4M	4.144M				
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.56M	78.041M	82.32M	78.041M				
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.48M	77.961M	82.16M	77.881M				
5570MHz	Pass	Inf	165.12M	155.442M	163.68M	154.963M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.49M	16.732M	20.7M	16.642M	20.67M	16.672M	20.52M	16.642M
5300MHz	Pass	Inf	20.73M	16.732M	20.55M	16.672M	20.55M	16.702M	20.49M	16.642M
5320MHz	Pass	Inf	20.61M	16.762M	20.55M	16.672M	20.52M	16.702M	20.55M	16.642M
5500MHz	Pass	Inf	20.52M	16.66M	20.22M	16.639M	20.4M	16.649M	20.19M	16.627M
5580MHz	Pass	Inf	20.46M	16.762M	20.82M	16.672M	20.58M	16.702M	20.58M	16.672M
5700MHz	Pass	Inf	20.7M	16.792M	20.55M	16.672M	20.64M	16.672M	20.46M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.3M	13.493M	15.3M	13.433M	15.21M	13.433M	15.15M	13.418M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	18.691M	3.1M	4.078M	3.1M	3.898M	3.12M	3.878M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.05M	19.13M	22.62M	19.13M	21.63M	19.1M	21.57M	19.1M
5300MHz	Pass	Inf	21.78M	19.16M	22.23M	19.13M	21.78M	19.1M	21.93M	19.13M
5320MHz	Pass	Inf	22.02M	19.16M	21.87M	19.16M	21.75M	19.1M	21.66M	19.1M
5500MHz	Pass	Inf	21.93M	19.16M	21.84M	19.13M	21.87M	19.13M	21.99M	19.13M
5580MHz	Pass	Inf	22.23M	19.16M	21.87M	19.13M	21.75M	19.13M	22.11M	19.13M
5700MHz	Pass	Inf	22.08M	19.16M	21.99M	19.16M	22.17M	19.1M	22.2M	19.16M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.185M	14.648M	16.035M	14.633M	15.975M	14.633M	16.005M	14.618M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	8.736M	4.5M	4.698M	4.54M	4.658M	4.42M	4.658M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.38M	37.841M	40.32M	37.781M	40.32M	37.841M	40.26M	37.841M
5310MHz	Pass	Inf	40.26M	37.841M	40.38M	37.841M	40.38M	37.781M	40.2M	37.781M
5510MHz	Pass	Inf	40.8M	37.901M	40.26M	37.841M	40.68M	37.901M	40.74M	37.901M
5550MHz	Pass	Inf	40.62M	37.901M	40.32M	37.841M	40.56M	37.841M	40.8M	37.901M
5670MHz	Pass	Inf	40.56M	37.841M	40.8M	37.901M	40.26M	37.901M	40.56M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.828M	35.28M	33.758M	35.35M	33.828M	35.175M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	10.895M	3.94M	4.218M	4.02M	4.138M	4.04M	4.198M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.08M	77.721M	82.32M	77.361M	81.84M	77.361M	81.96M	77.361M
5530MHz	Pass	Inf	83.04M	77.361M	82.44M	77.361M	82.2M	77.481M	81.96M	77.361M
5610MHz	Pass	Inf	82.2M	77.481M	81.72M	77.361M	82.44M	77.361M	81.96M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.313M	76.275M	73.313M	76.2M	73.238M	76.125M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	27.566M	4M	9.775M	4.02M	5.197M	4M	7.676M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.52M	78.441M	82.16M	78.201M	82.64M	78.041M	82.32M	78.041M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.88M	78.441M	82M	78.041M	82.4M	78.041M	82.72M	77.881M
5570MHz	Pass	Inf	165.12M	156.642M	164.64M	155.202M	163.68M	155.202M	164.16M	155.202M

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

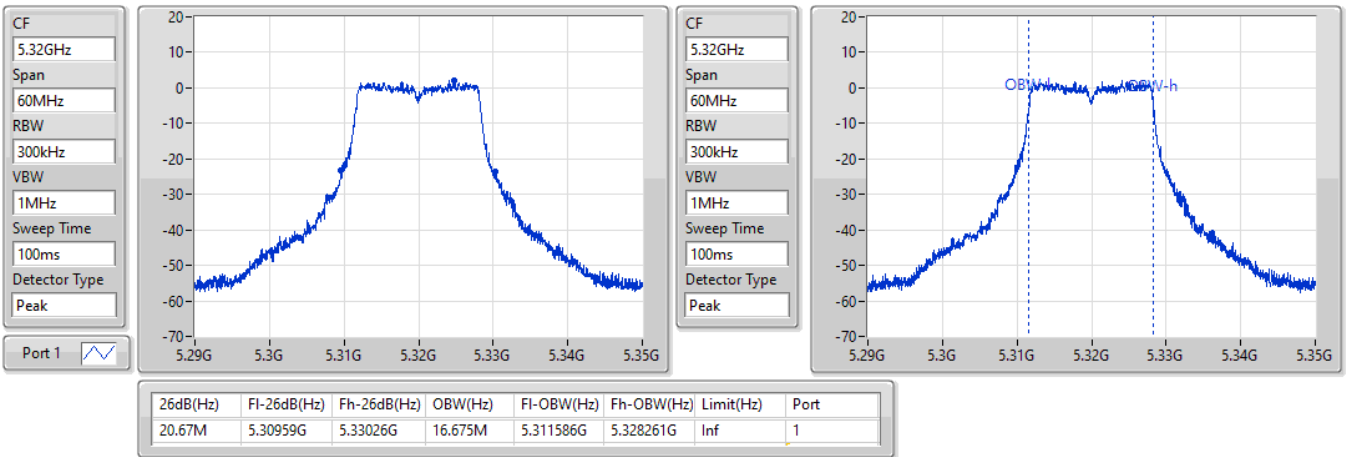


802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

07/09/2022

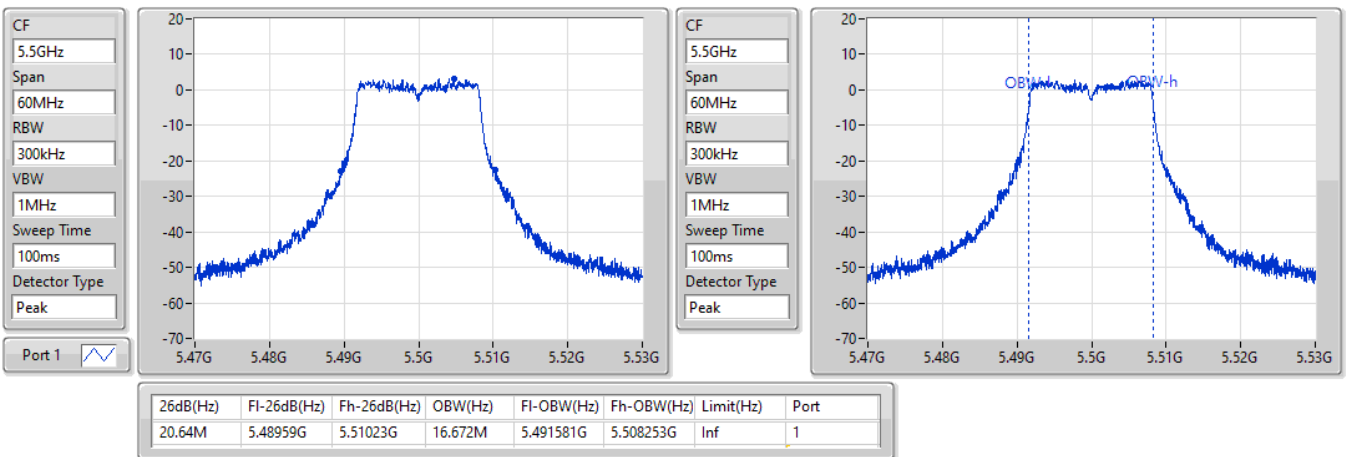


802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

07/09/2022



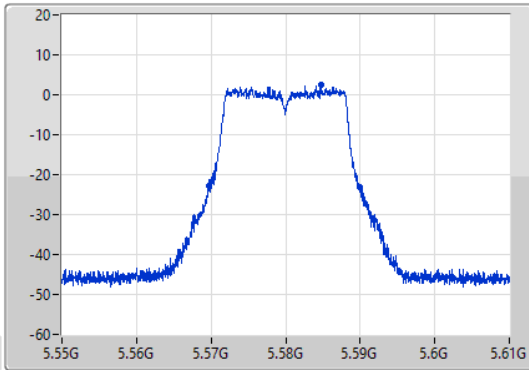
802.11a_Nss1,(6Mbps)_1TX

EBW

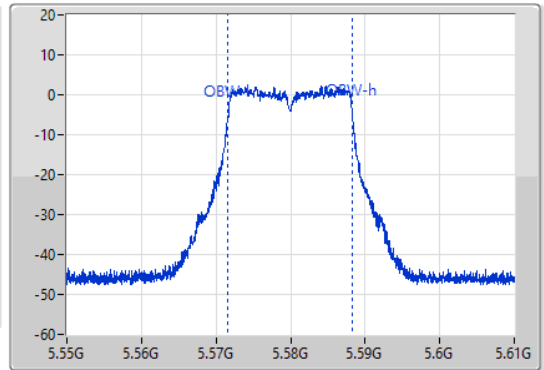
5580MHz

25/08/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.58GHz
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
20.22M	5.56965G	5.58987G	16.672M	5.571574G	5.58246G	Inf	1

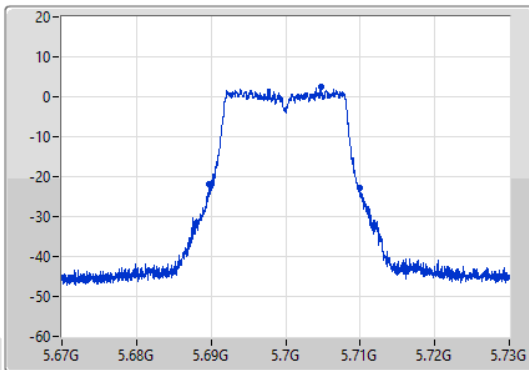
802.11a_Nss1,(6Mbps)_1TX

EBW

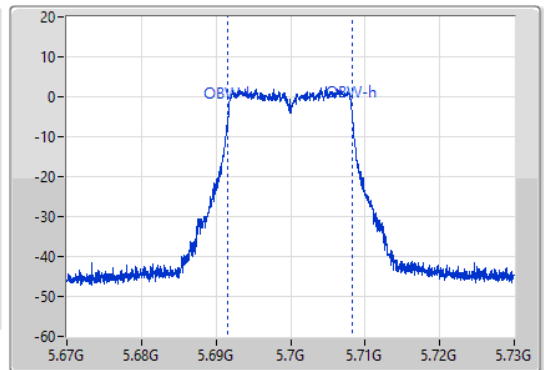
5700MHz

25/08/2022

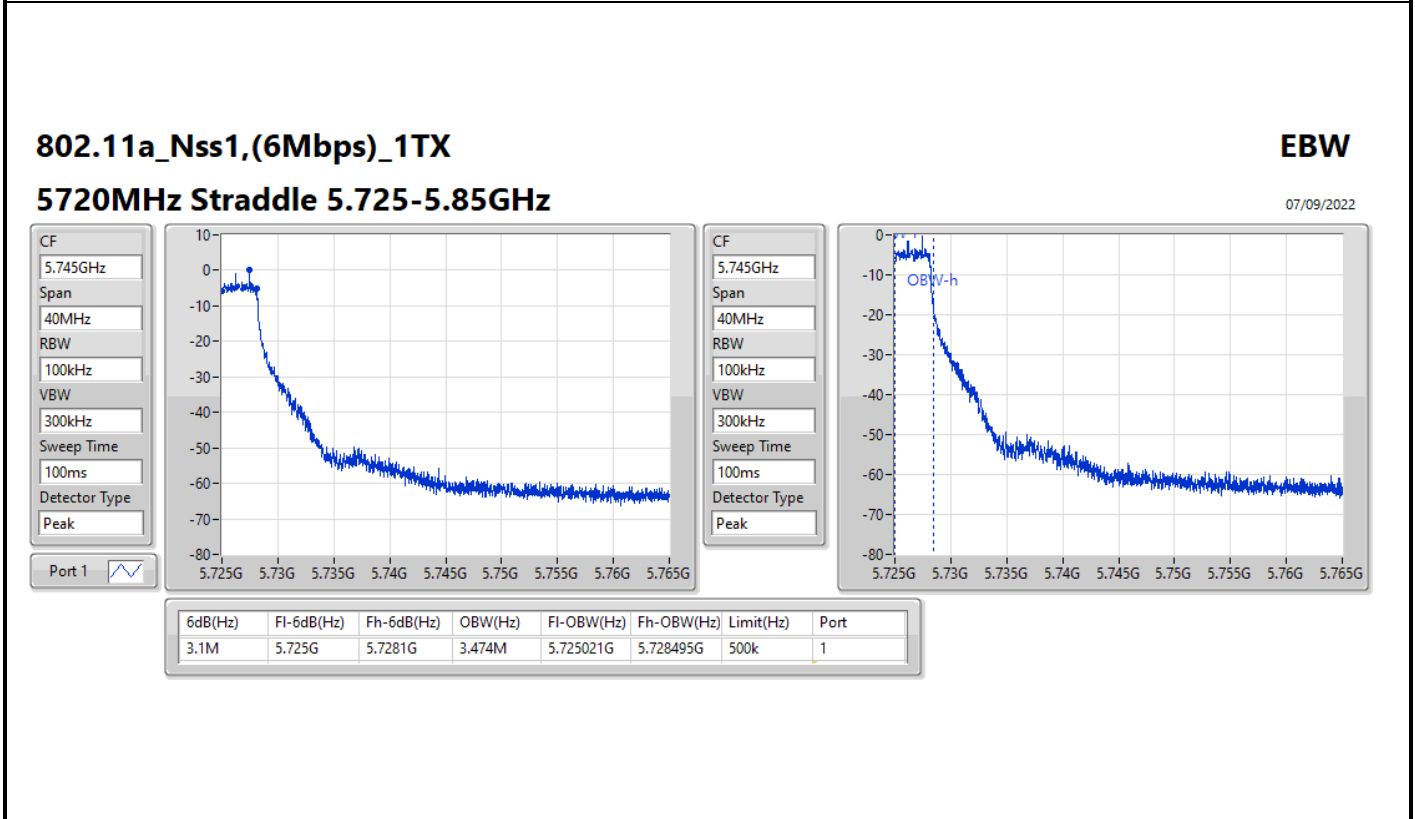
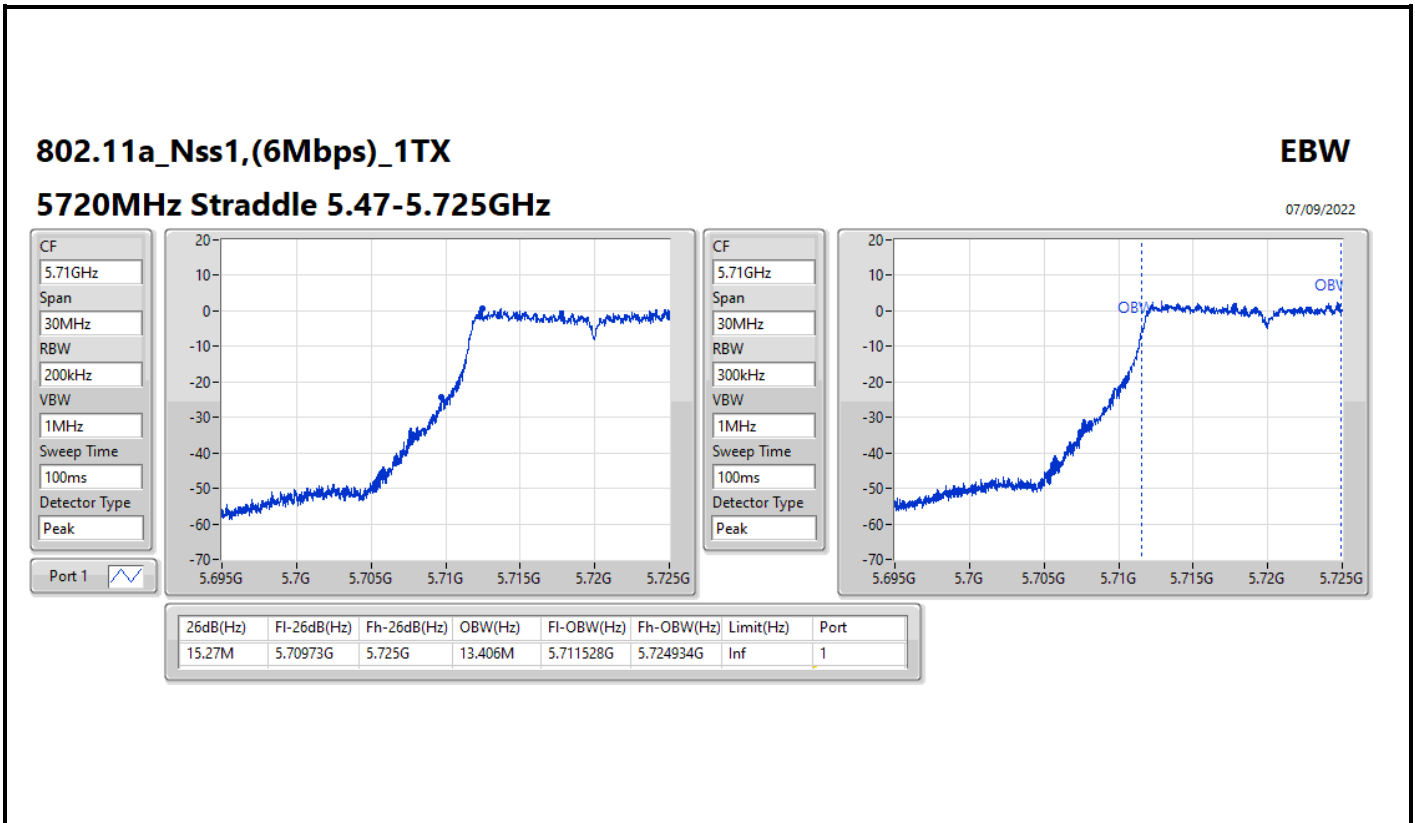
CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.7GHz
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
20.31M	5.68971G	5.71002G	16.672M	5.691574G	5.70246G	Inf	1

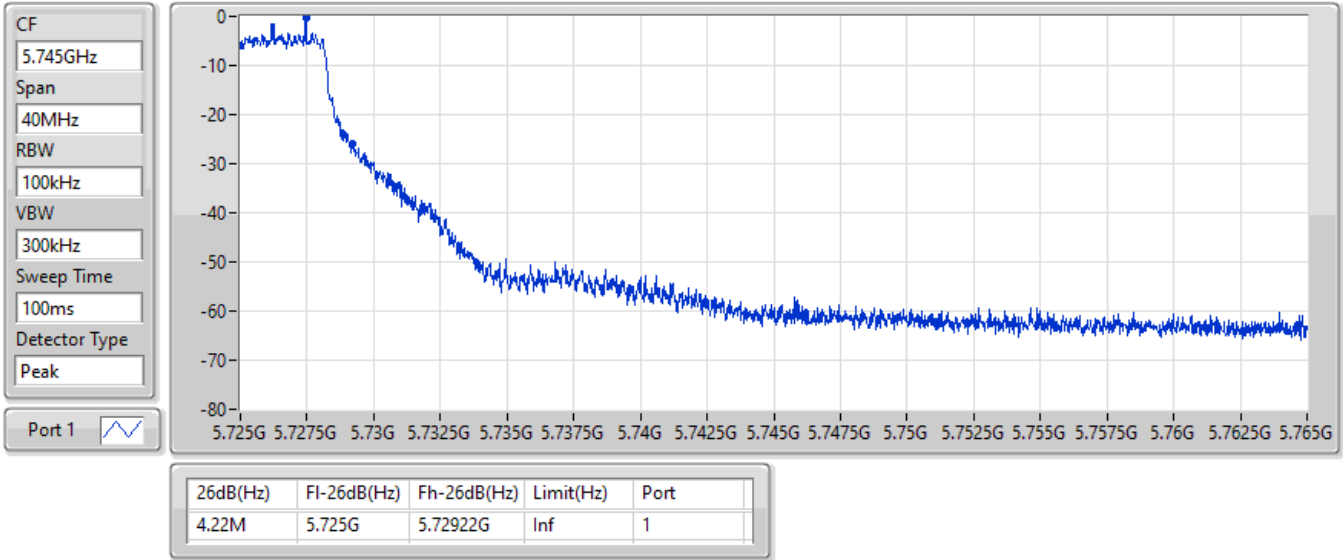


802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2022

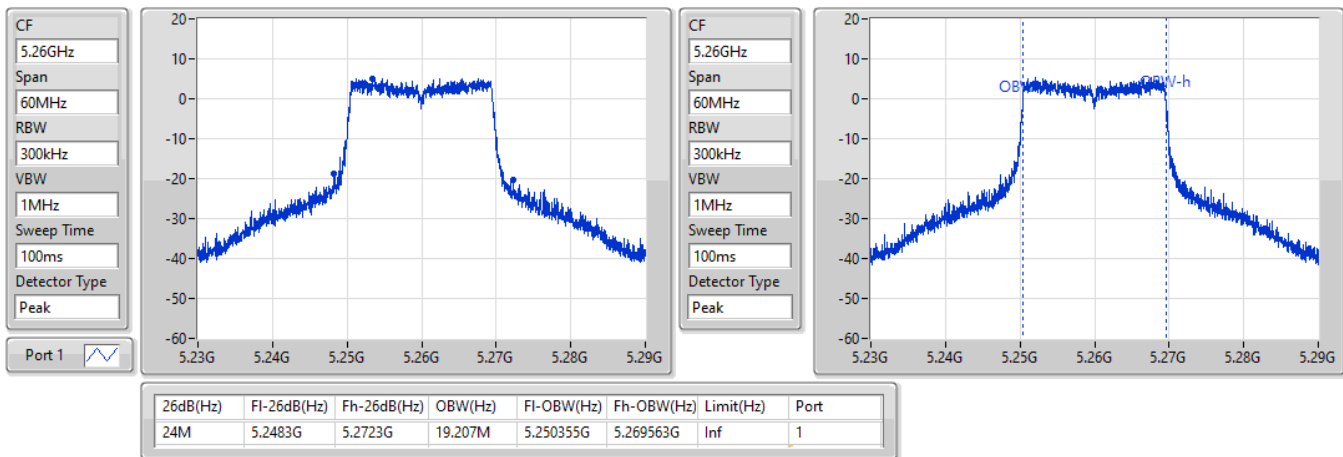


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

07/09/2022

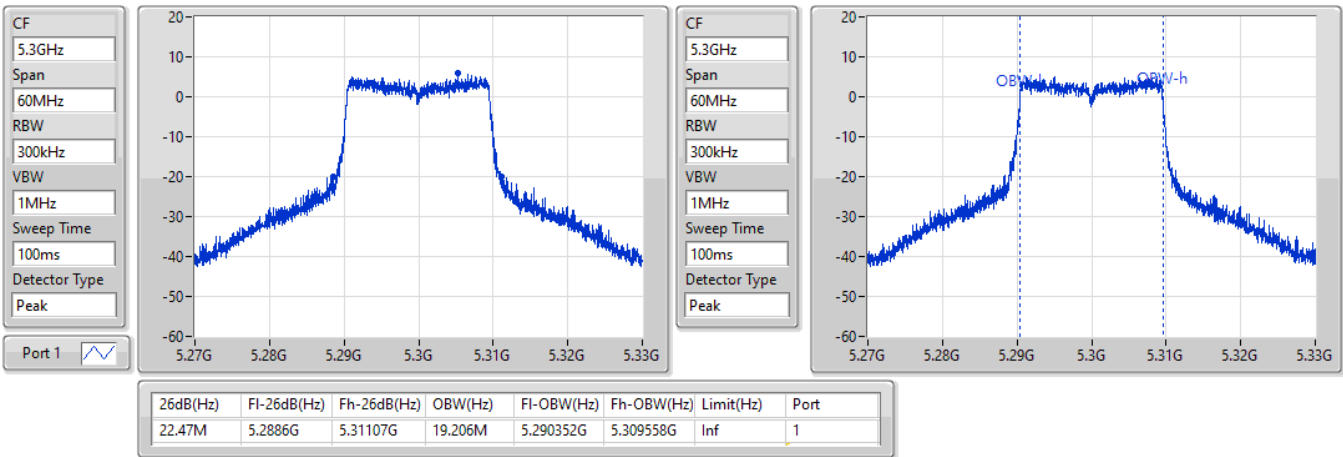


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

07/09/2022

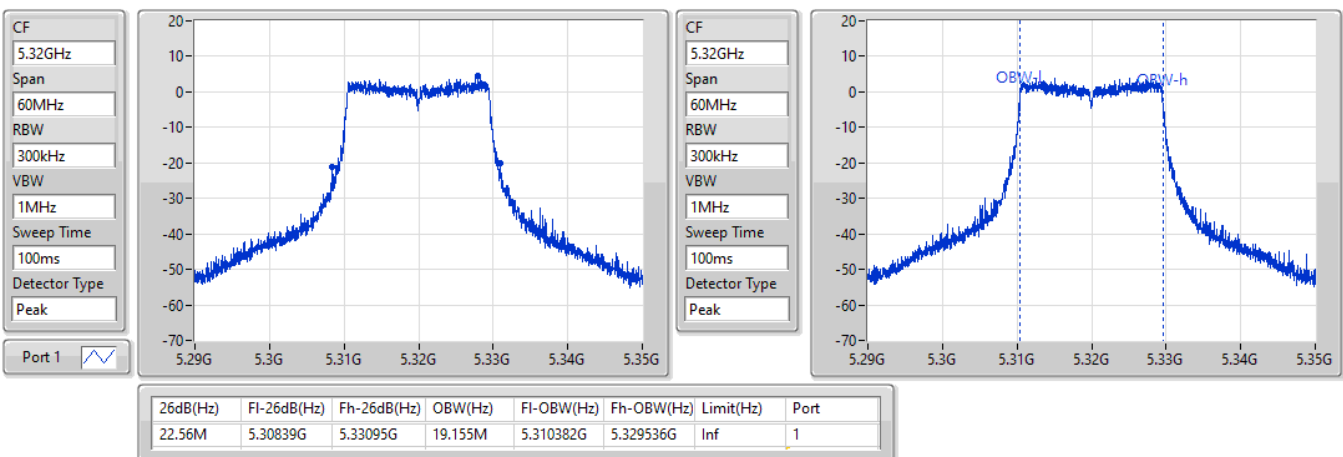


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

07/09/2022

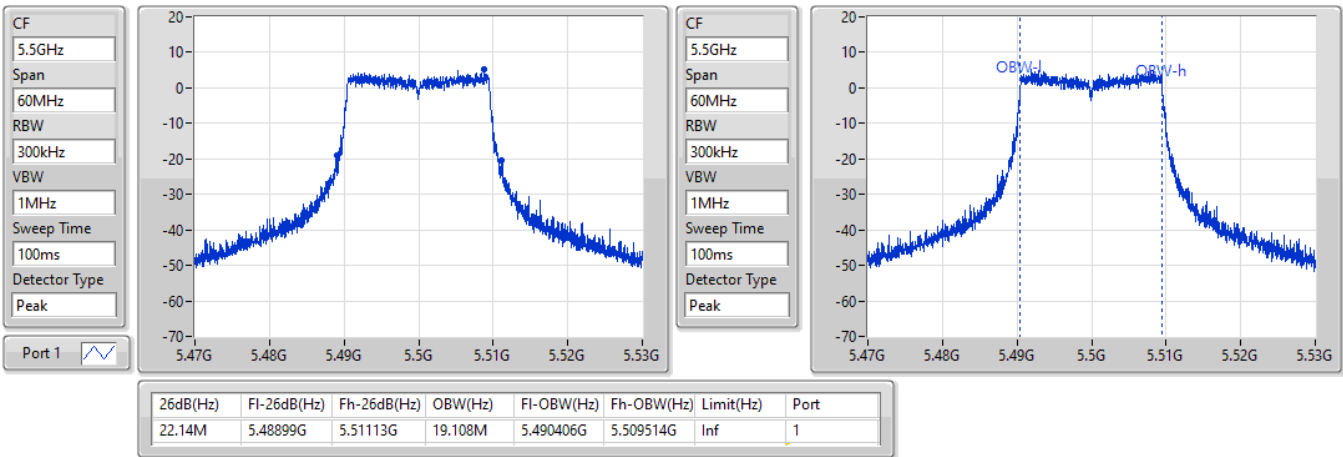


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

07/09/2022

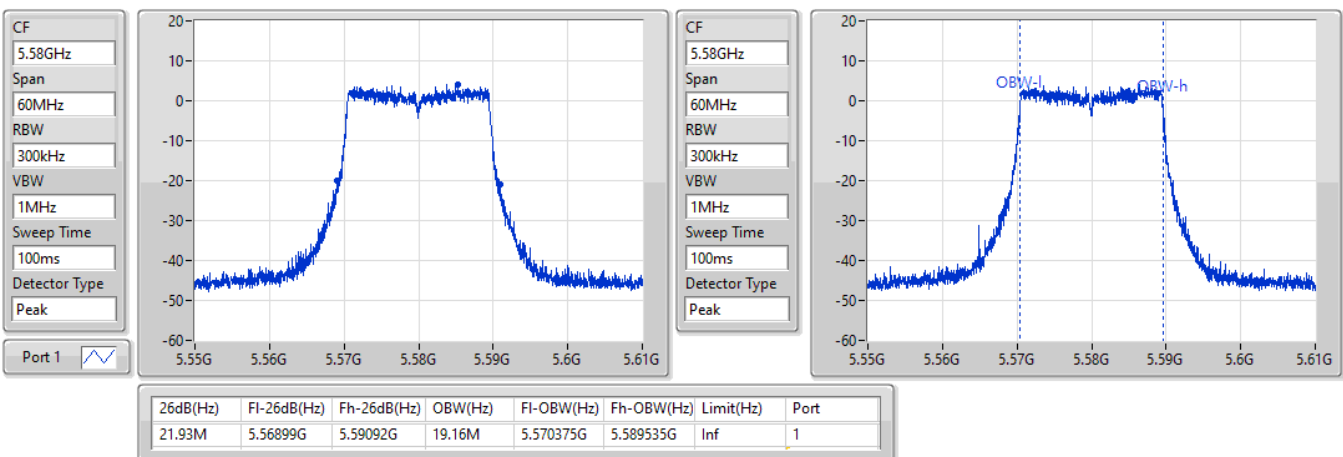


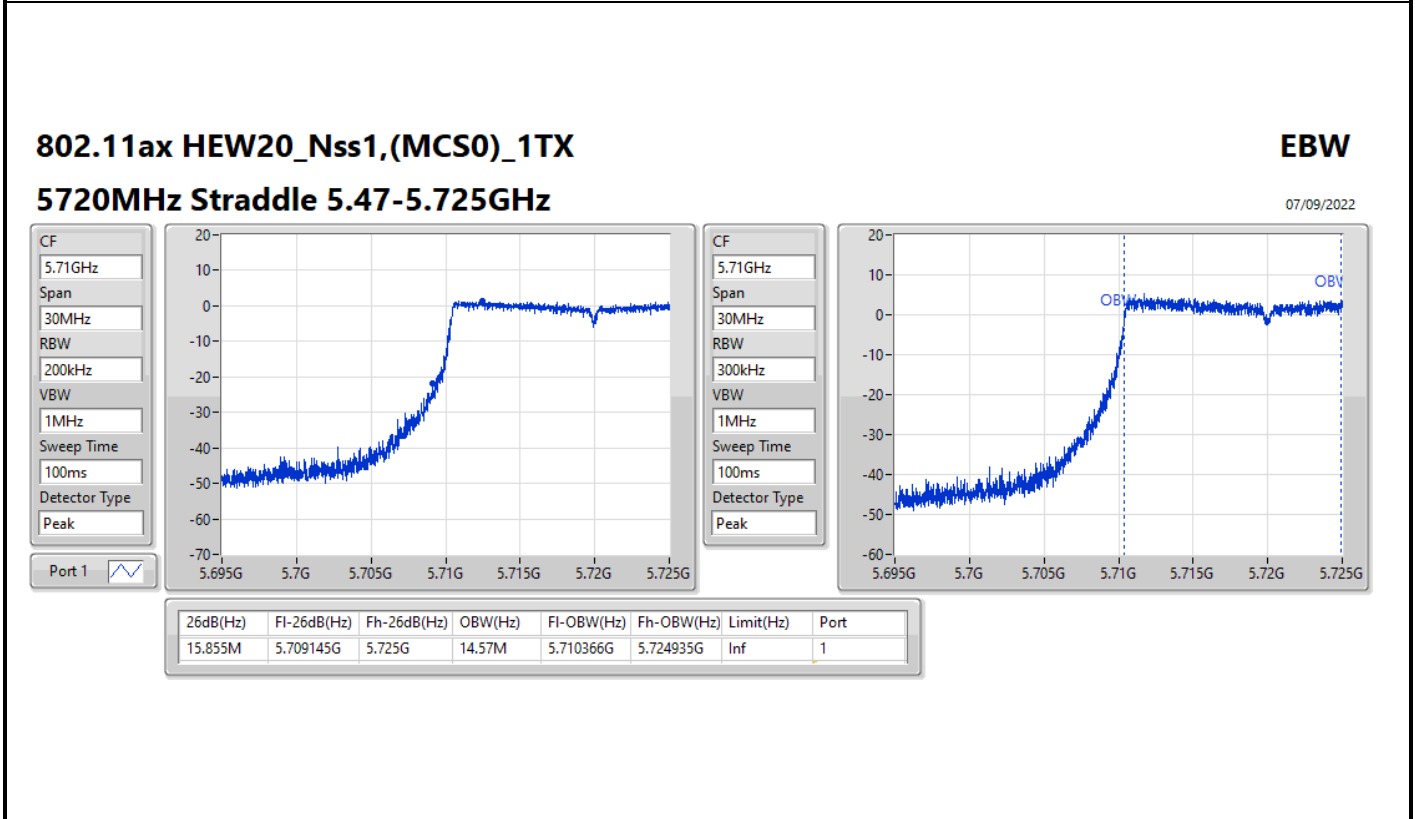
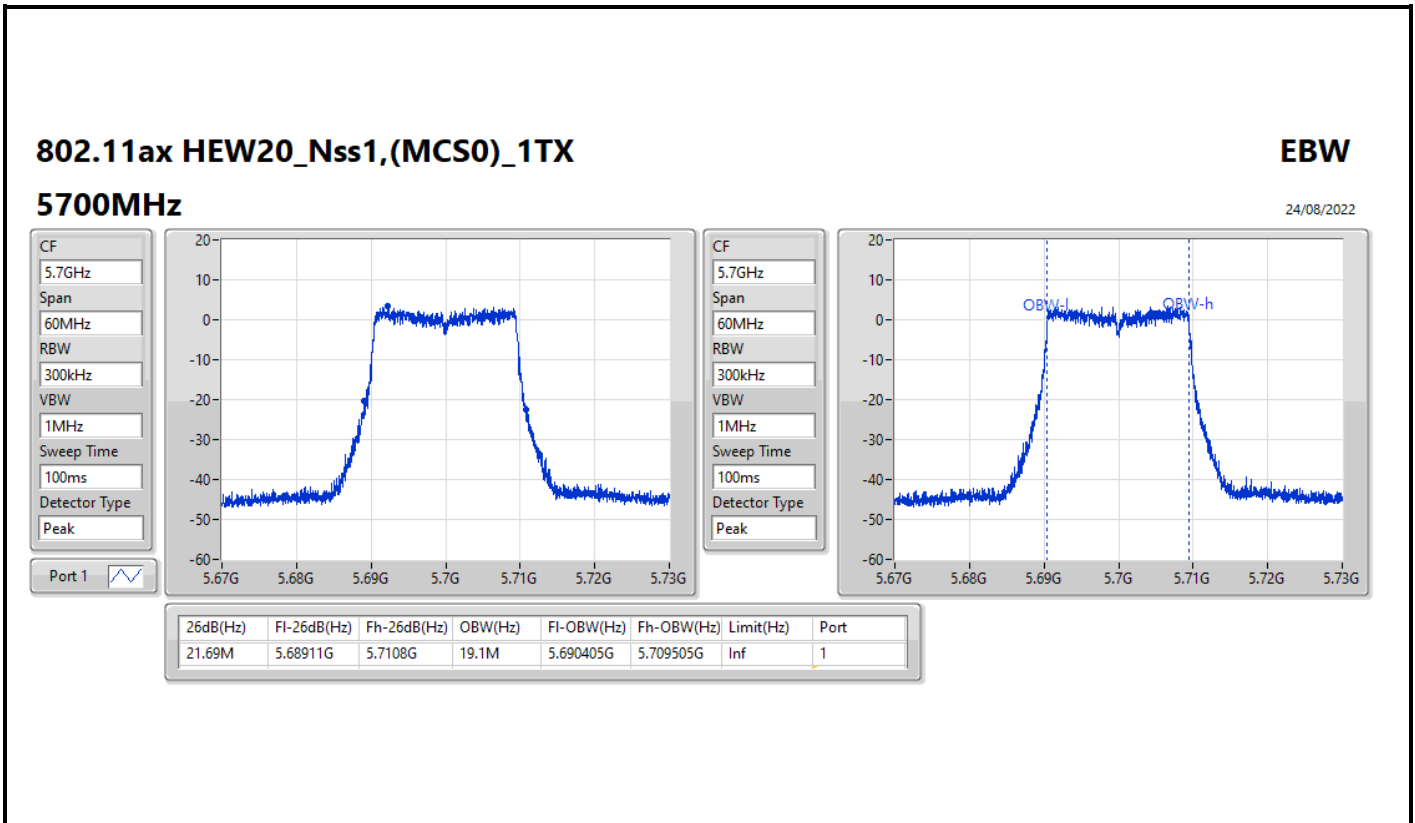
802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

25/08/2022



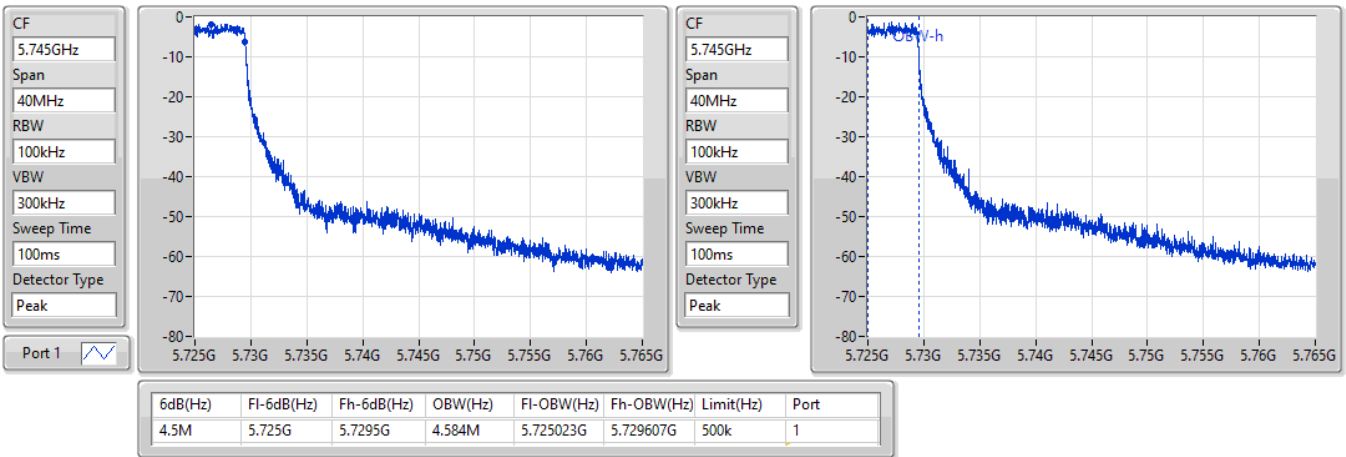


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2022

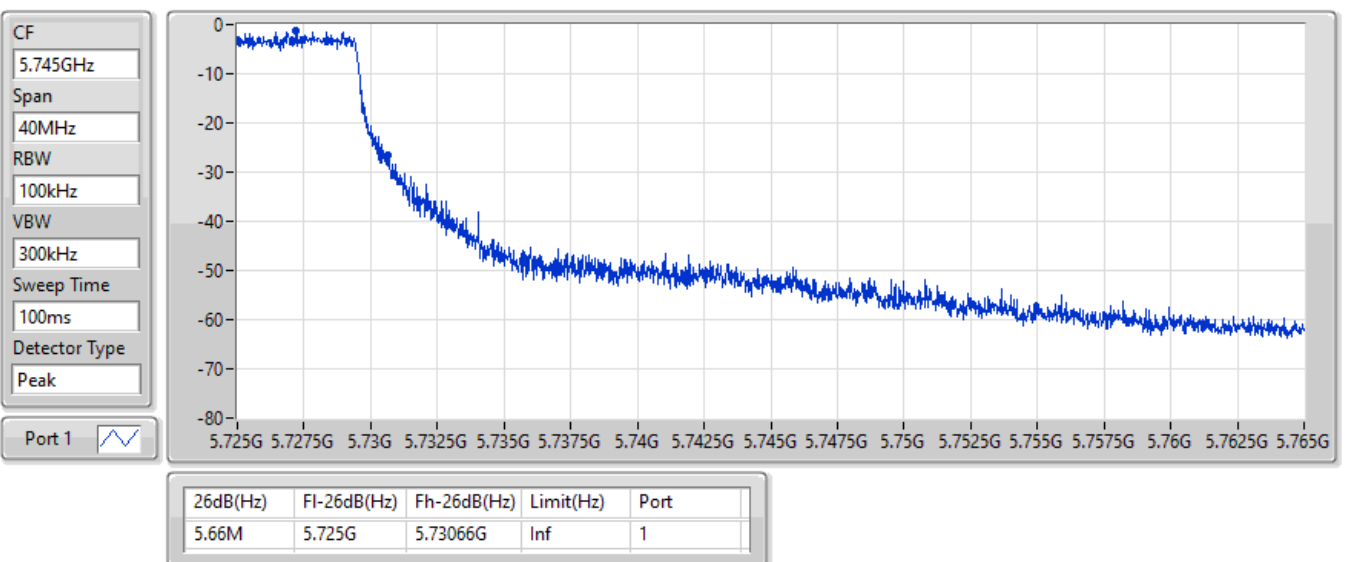


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2022

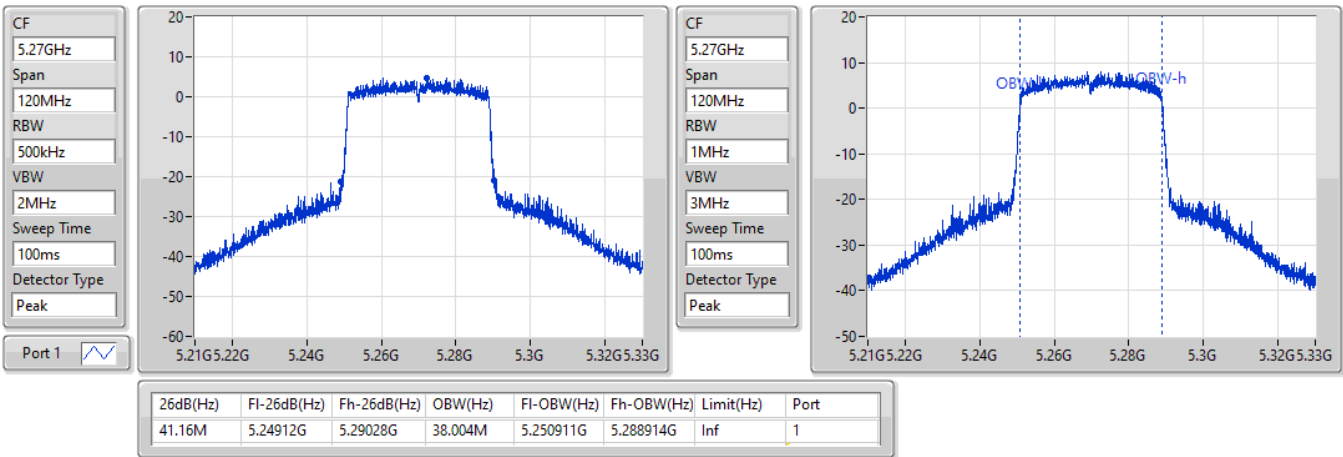


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

07/09/2022

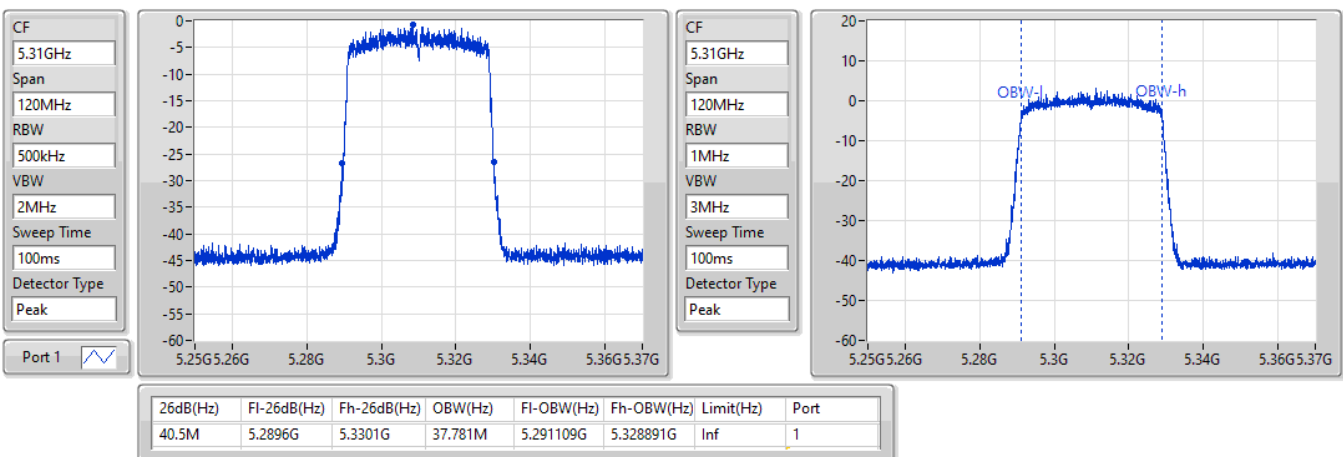


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

24/08/2022

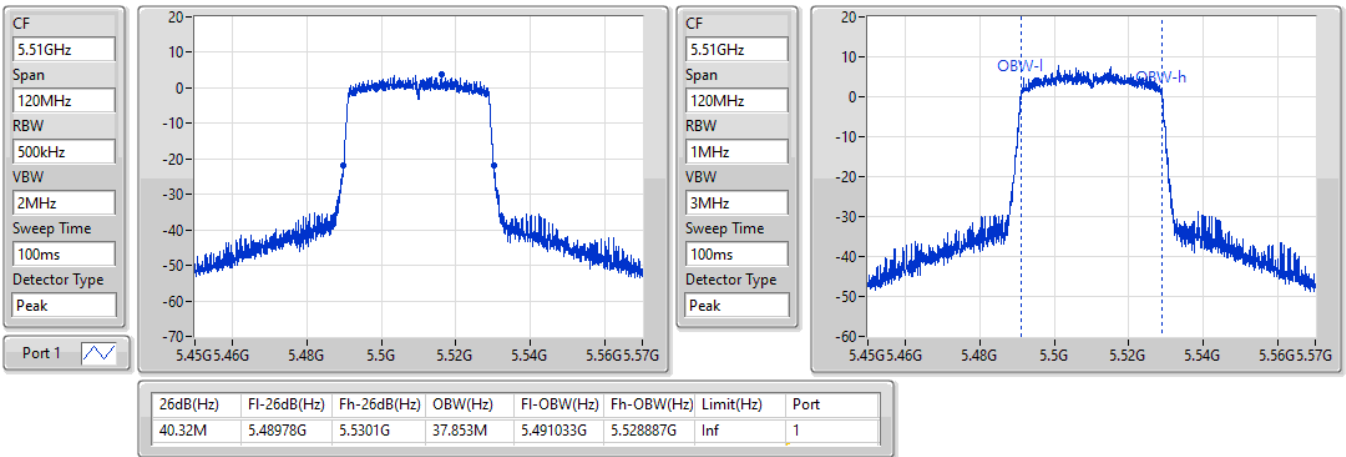


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

07/09/2022

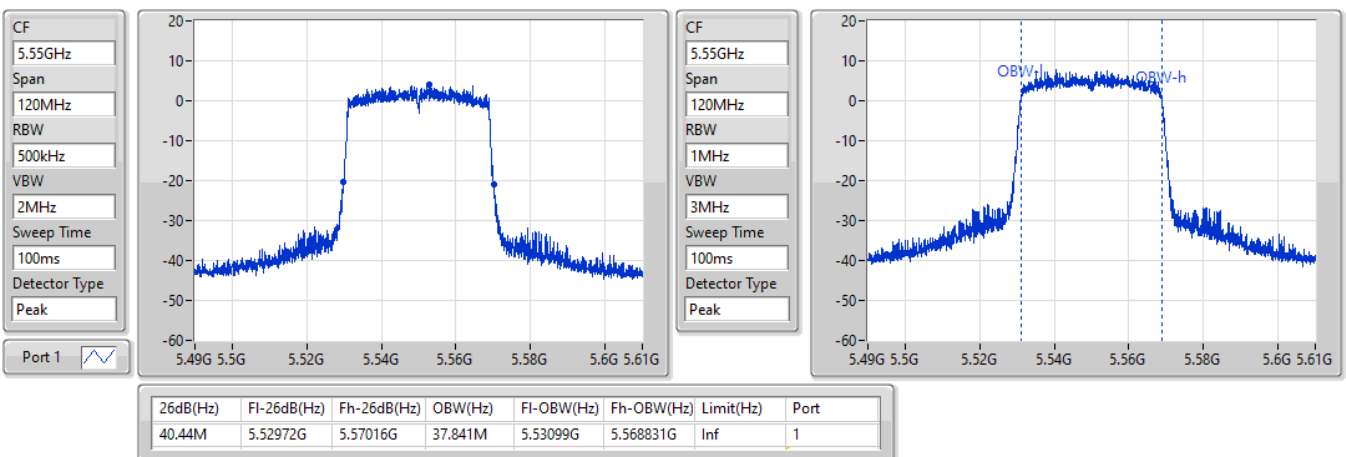


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

24/08/2022

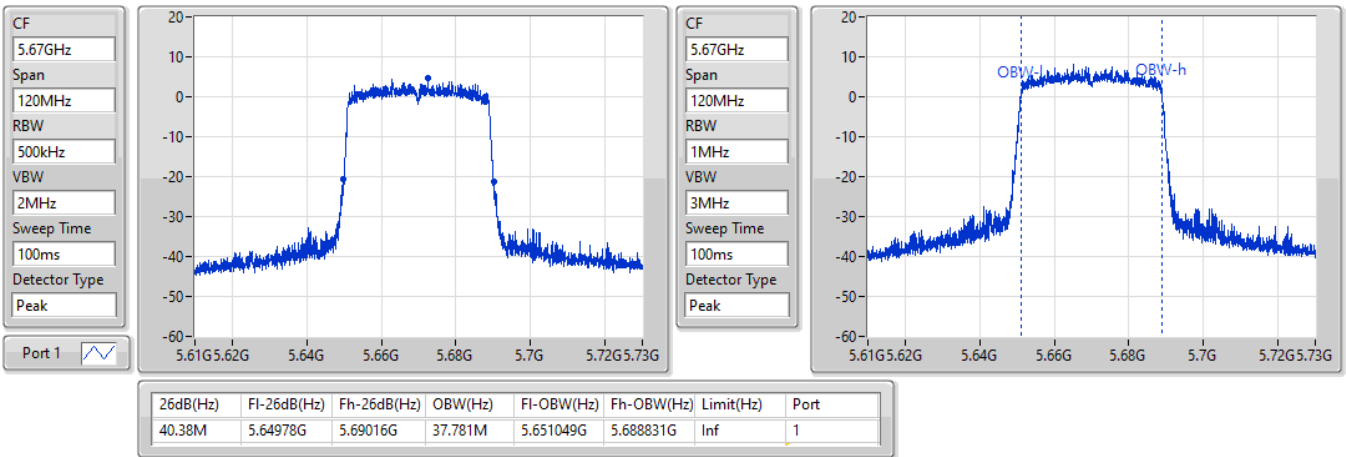


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

24/08/2022

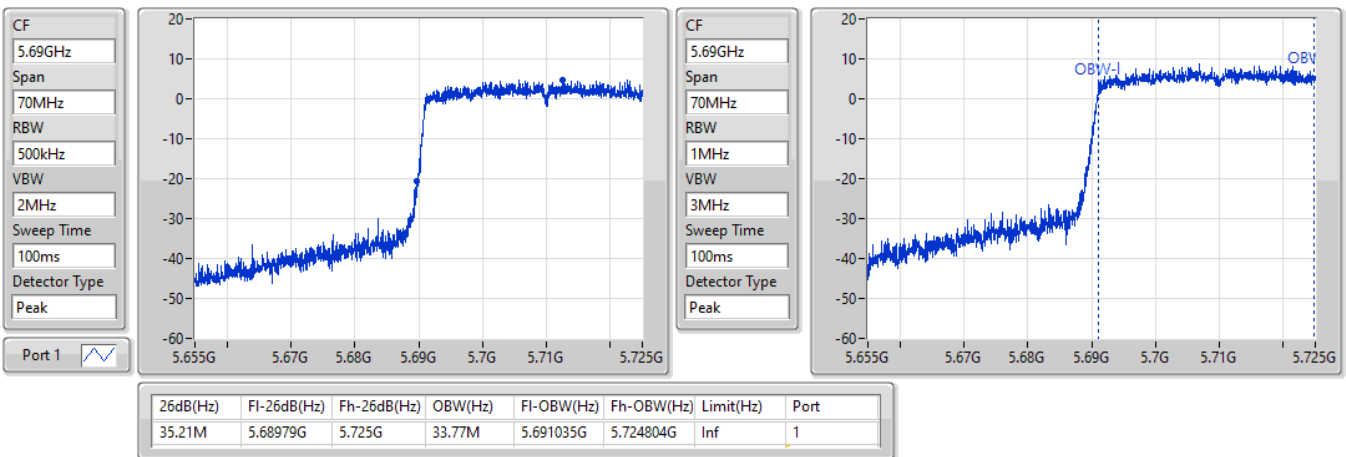


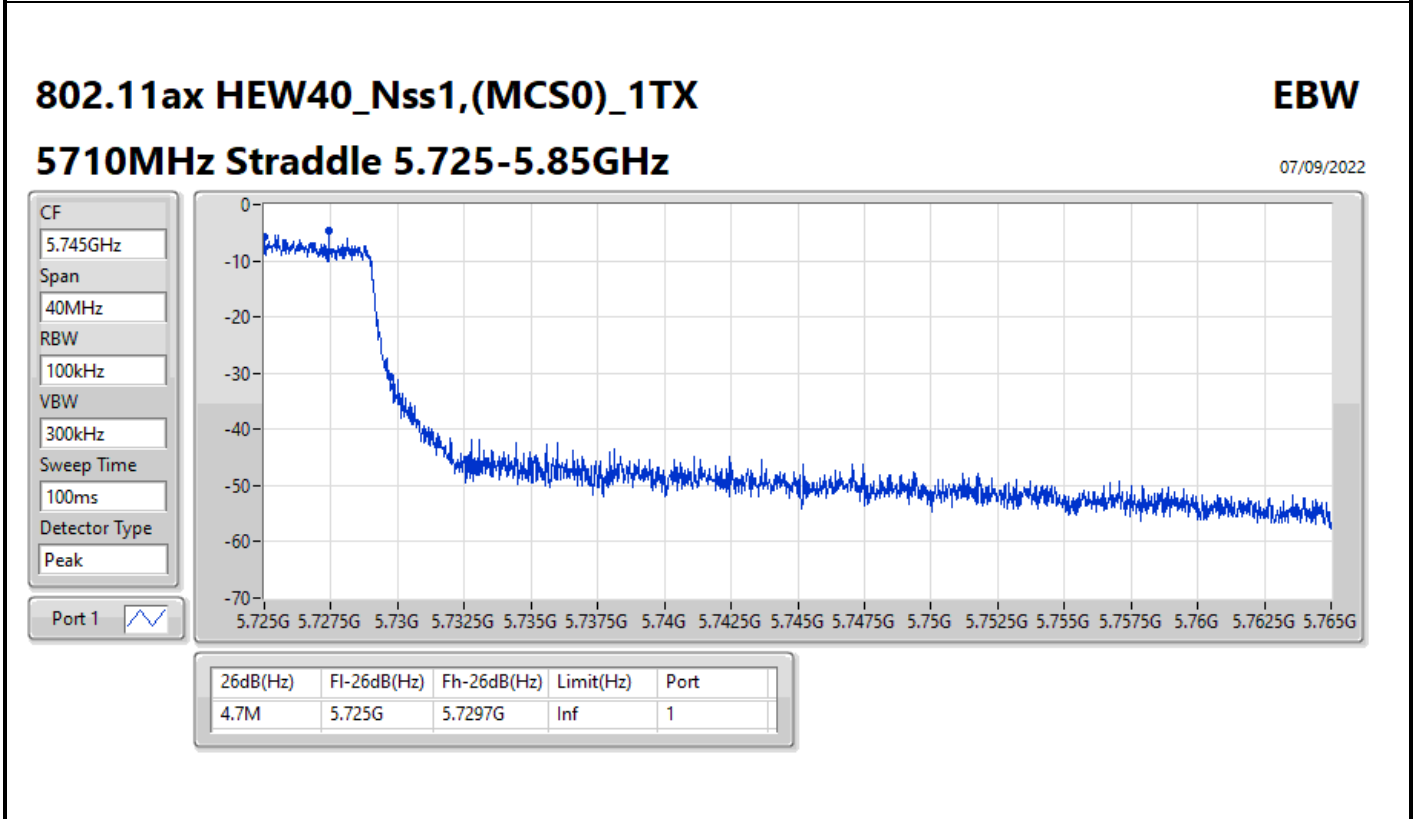
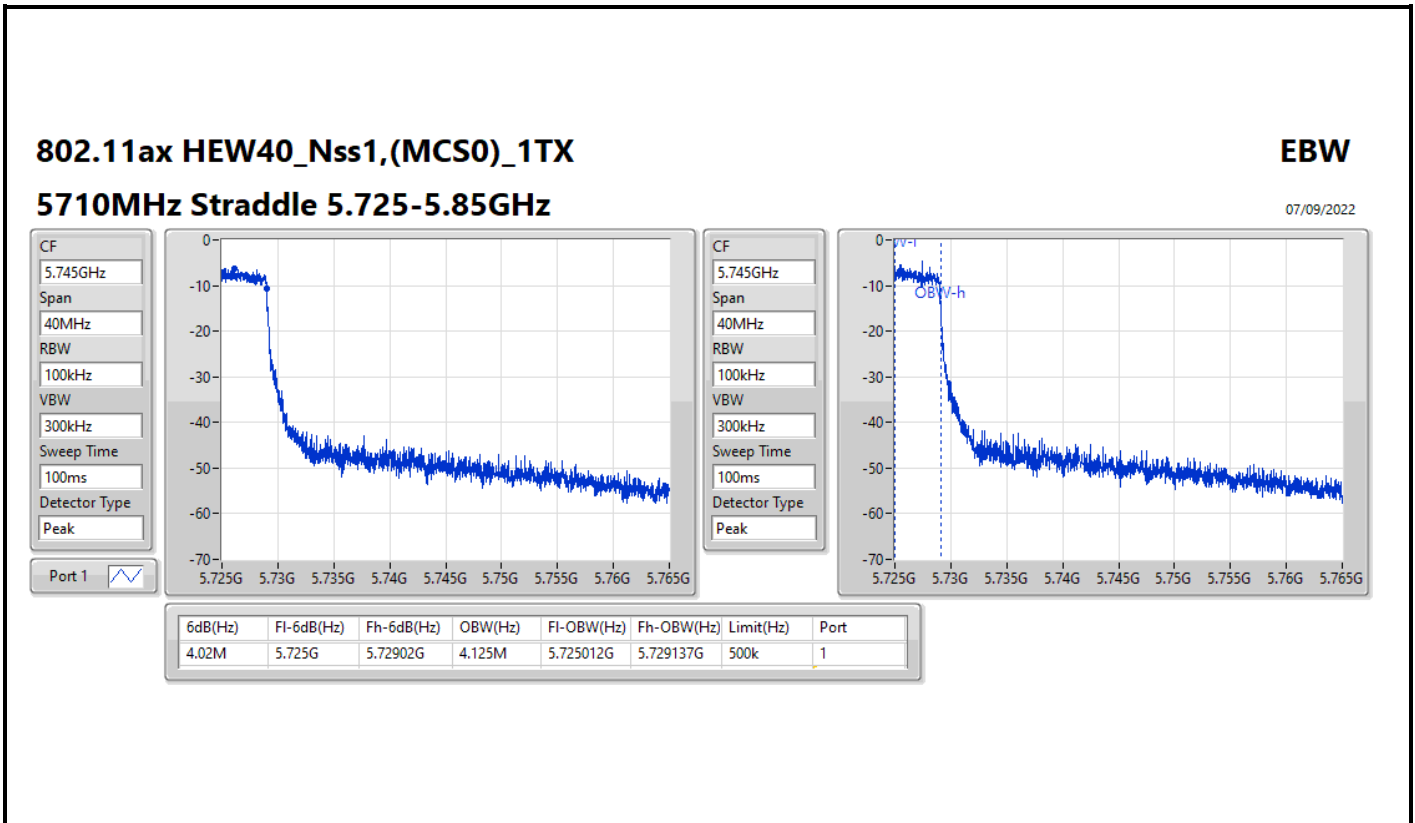
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/09/2022



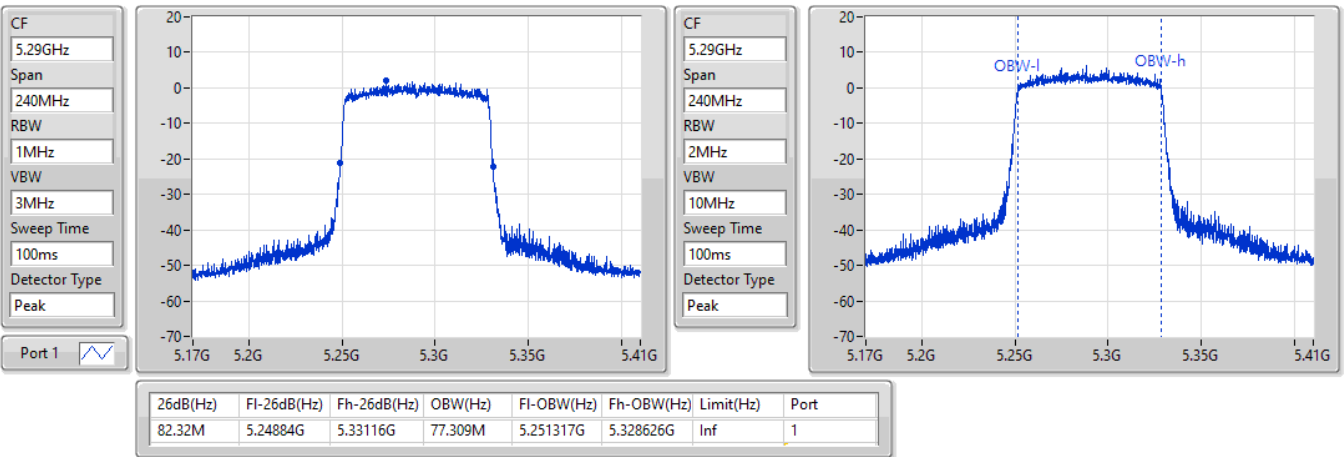


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

07/09/2022

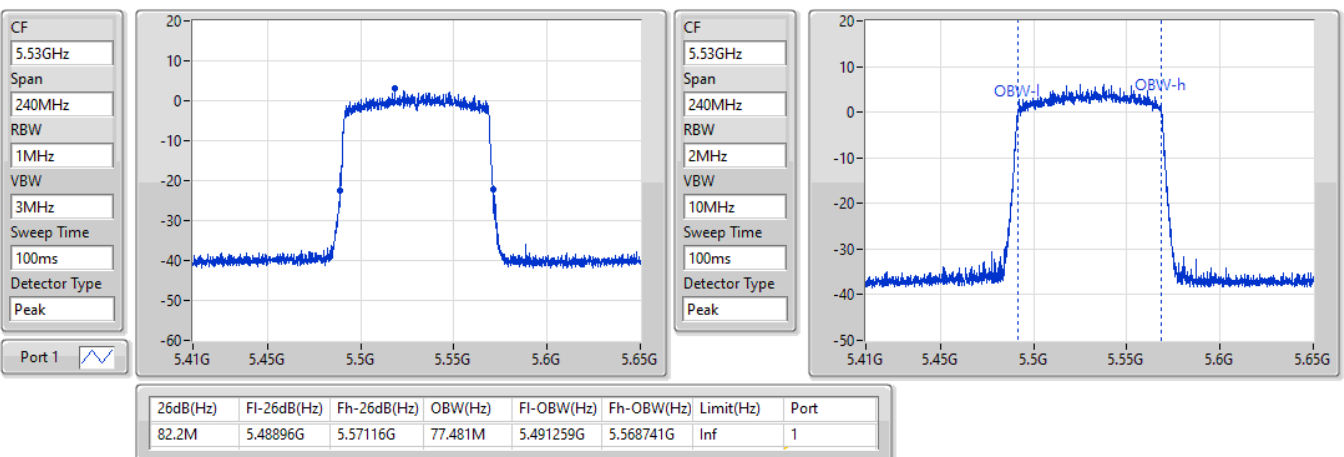


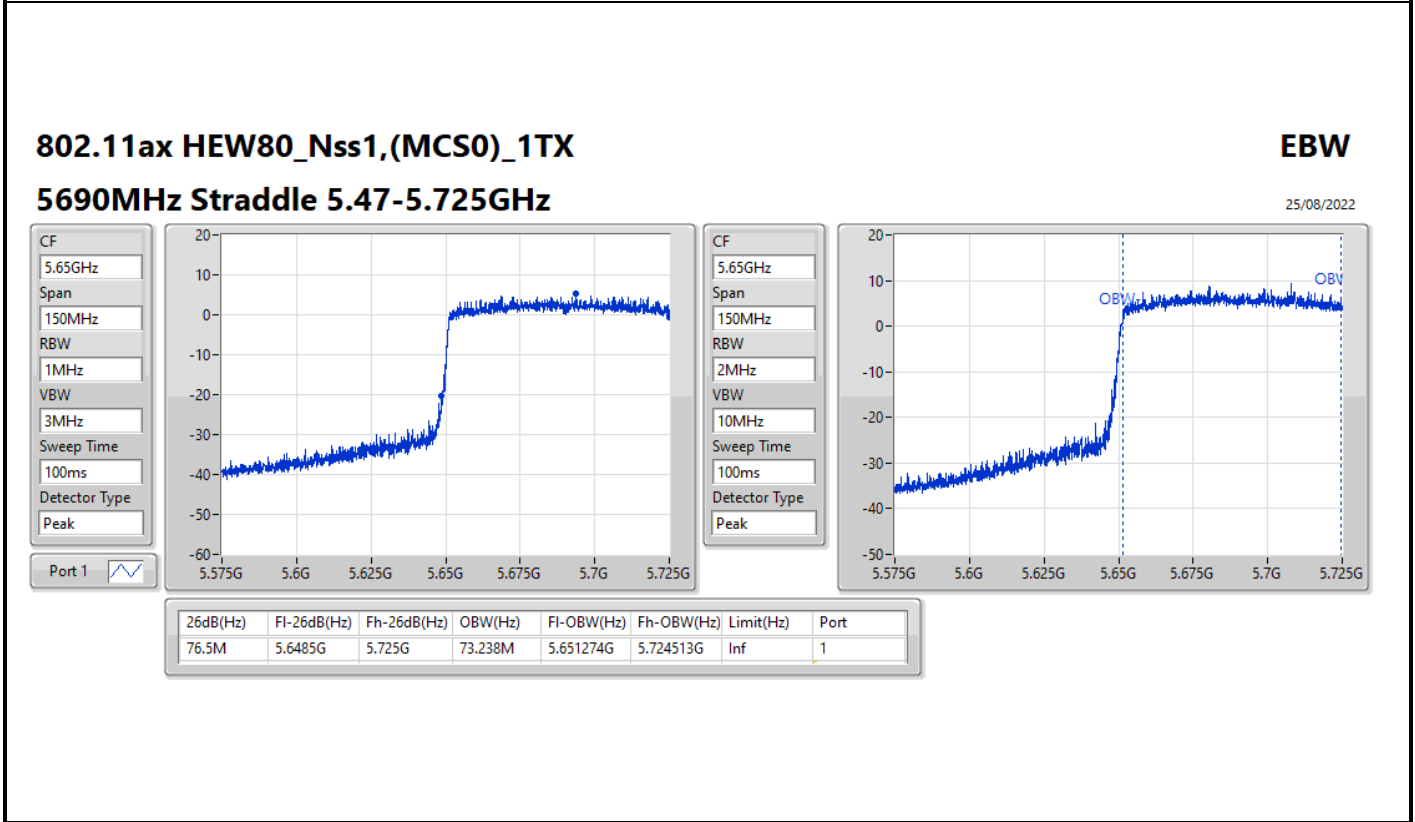
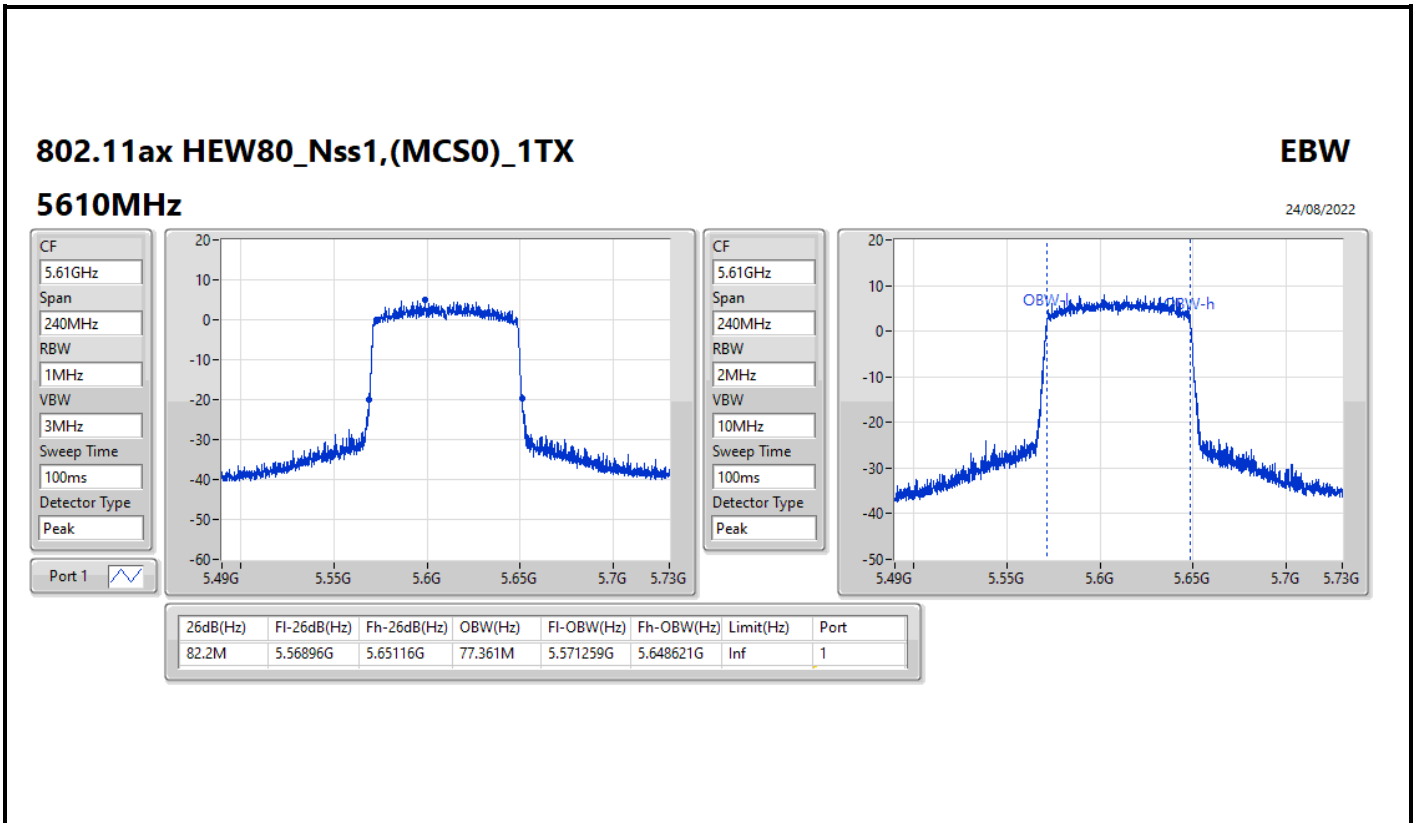
802.11ax HEW80_Nss1,(MCS0)_1TX

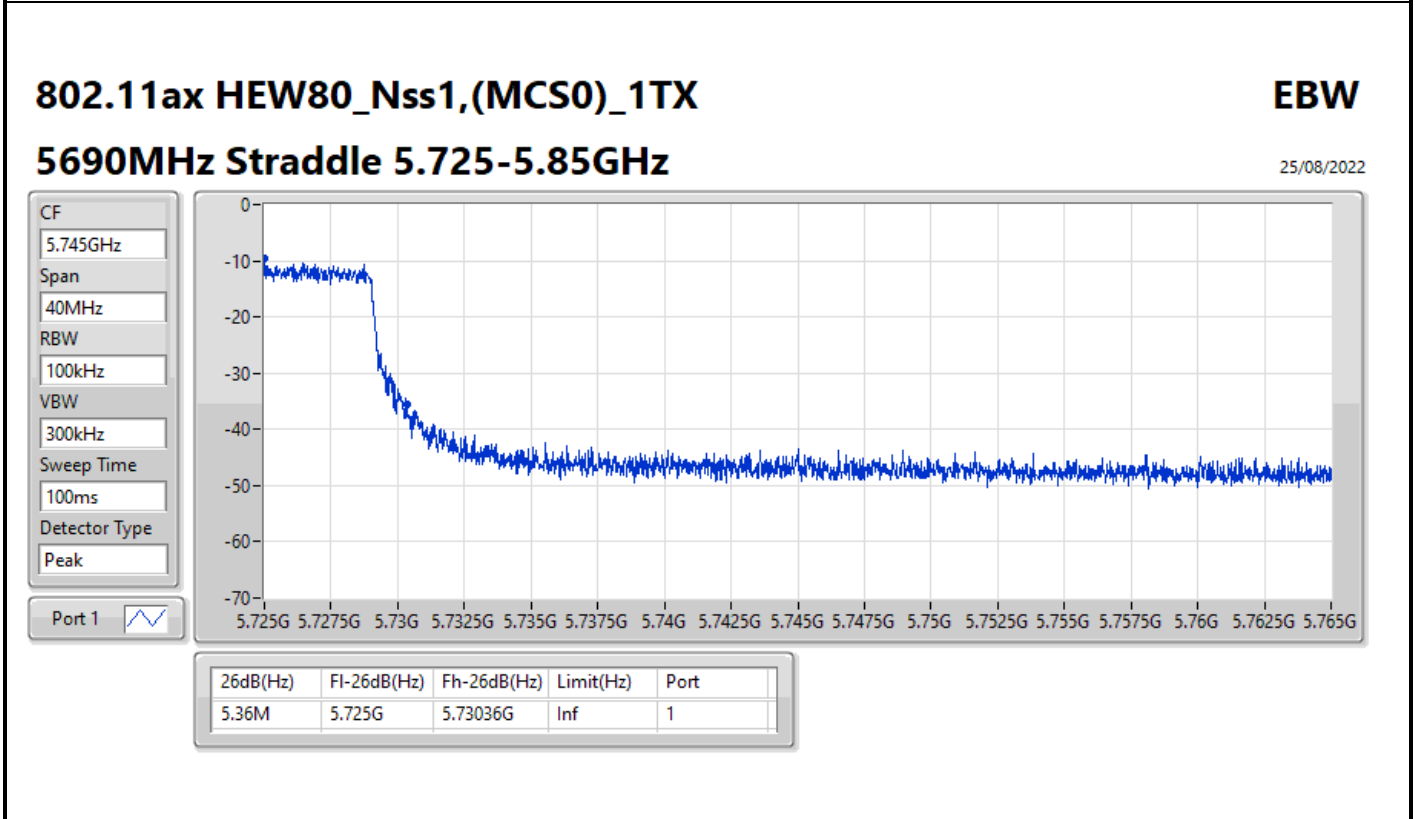
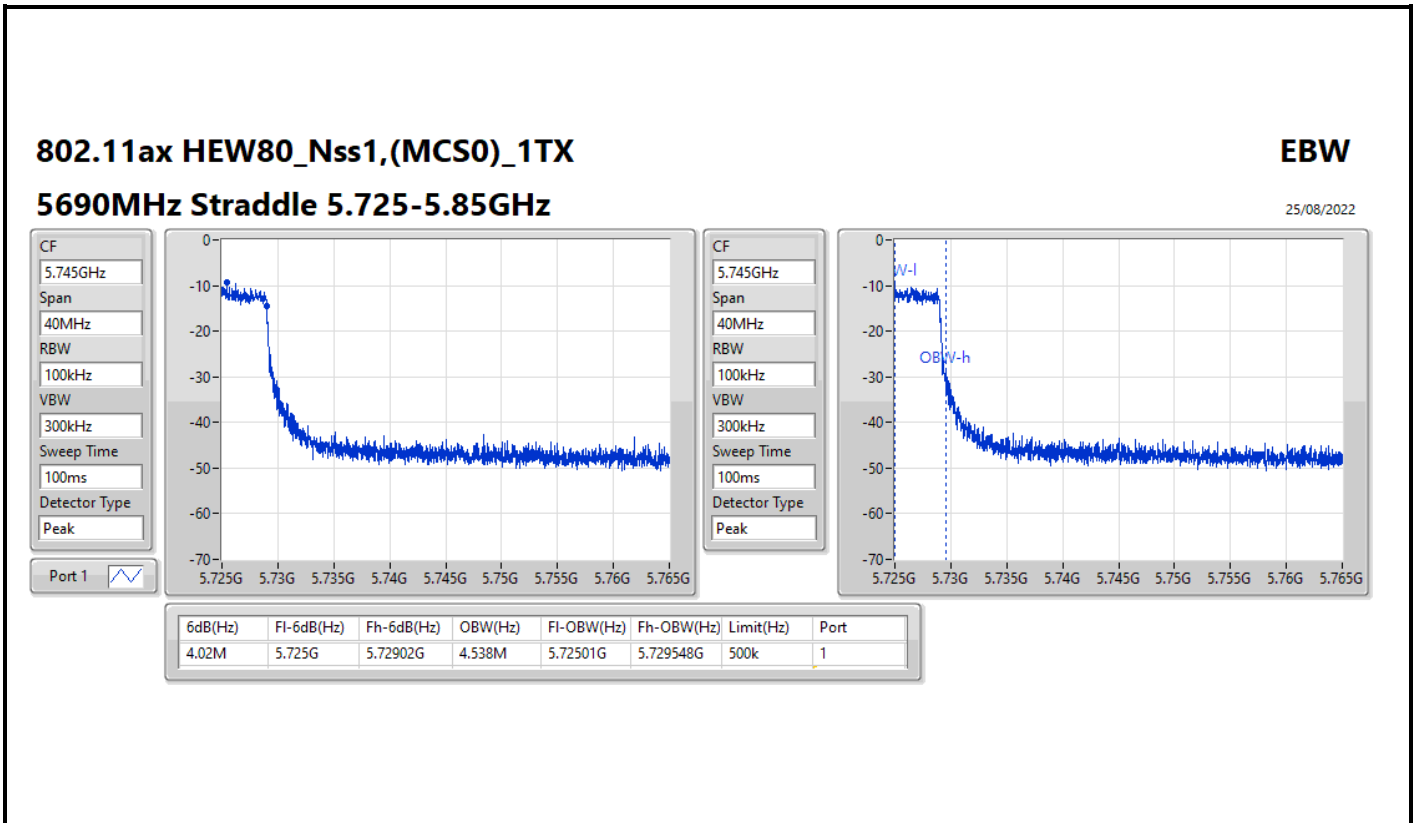
EBW

5530MHz

25/08/2022





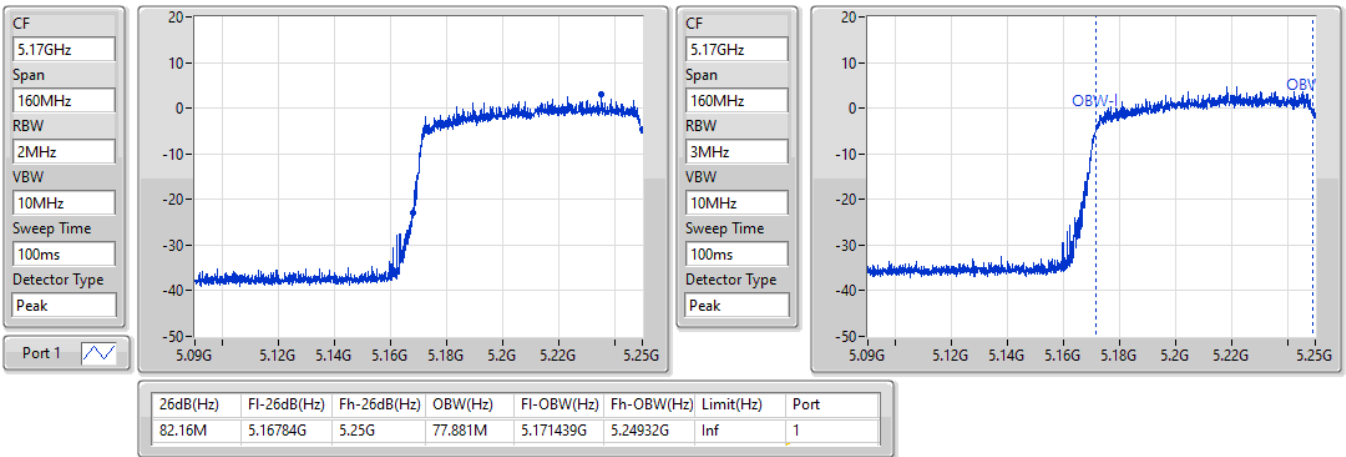


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

24/08/2022

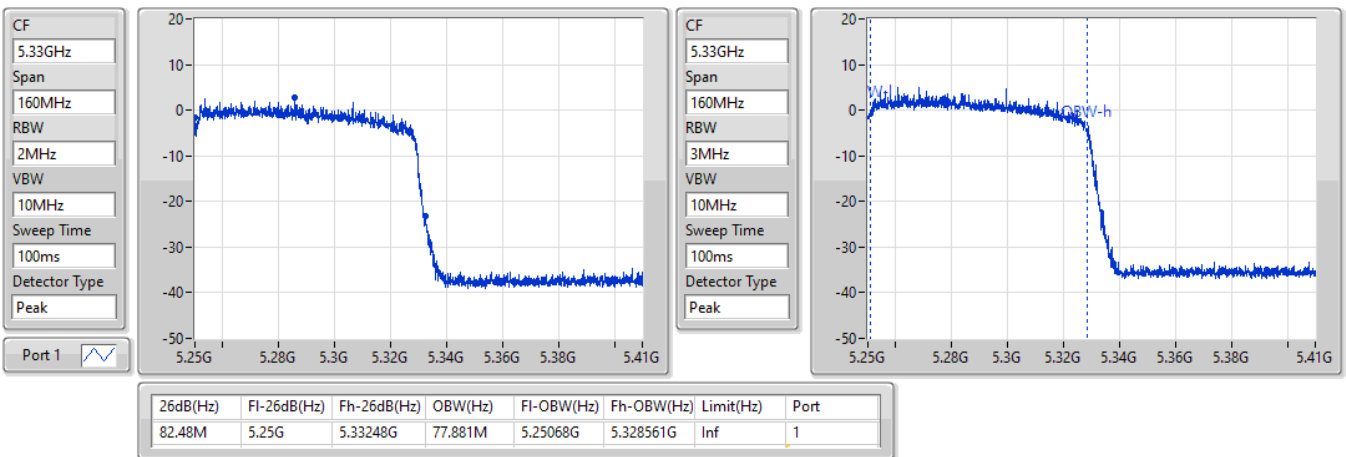


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

24/08/2022

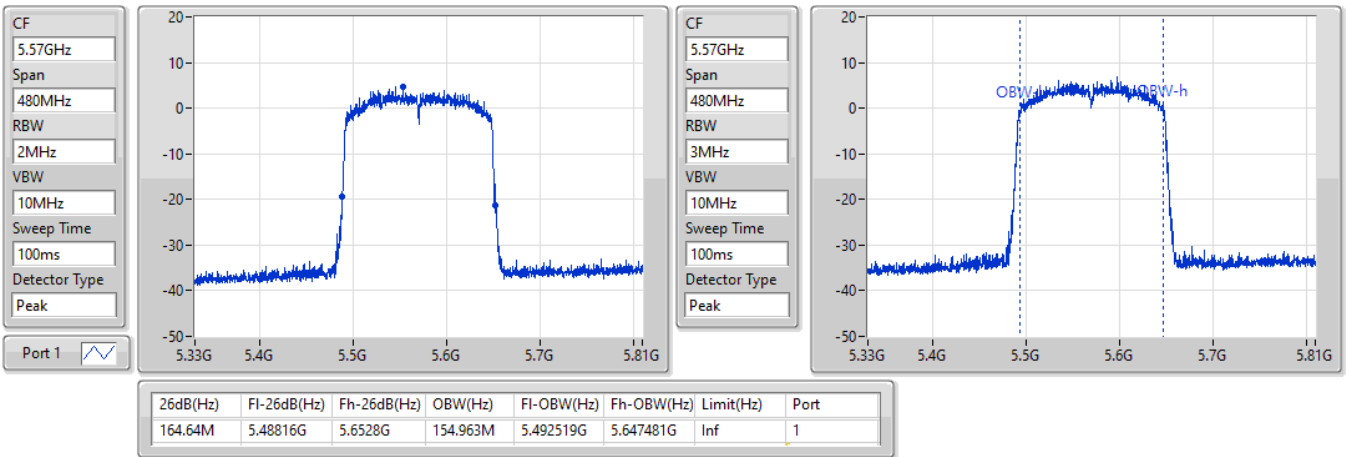


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5570MHz

24/08/2022

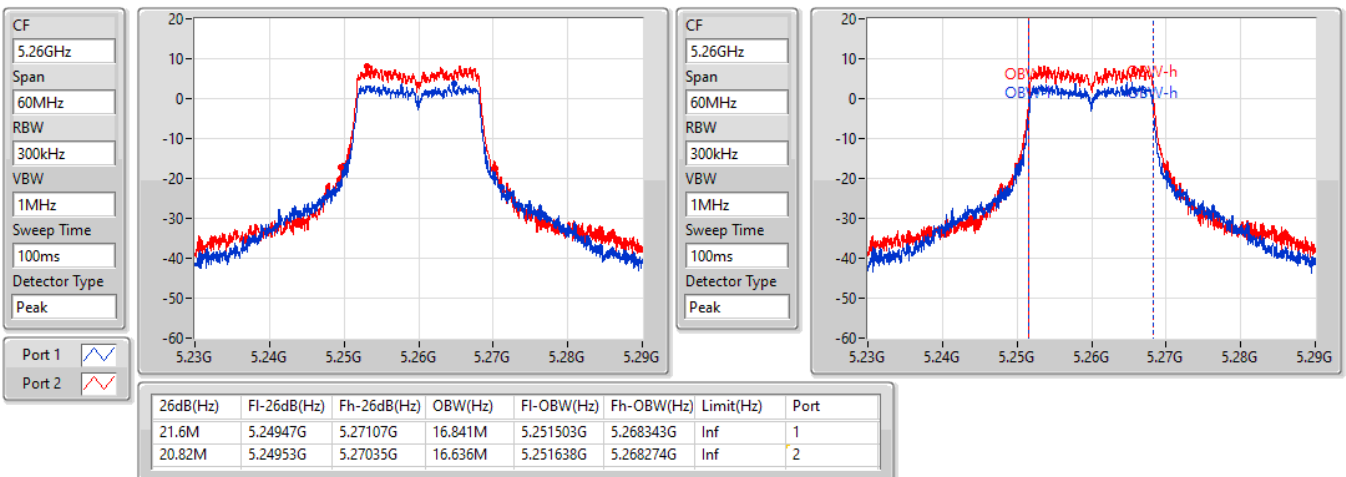


802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

07/09/2022

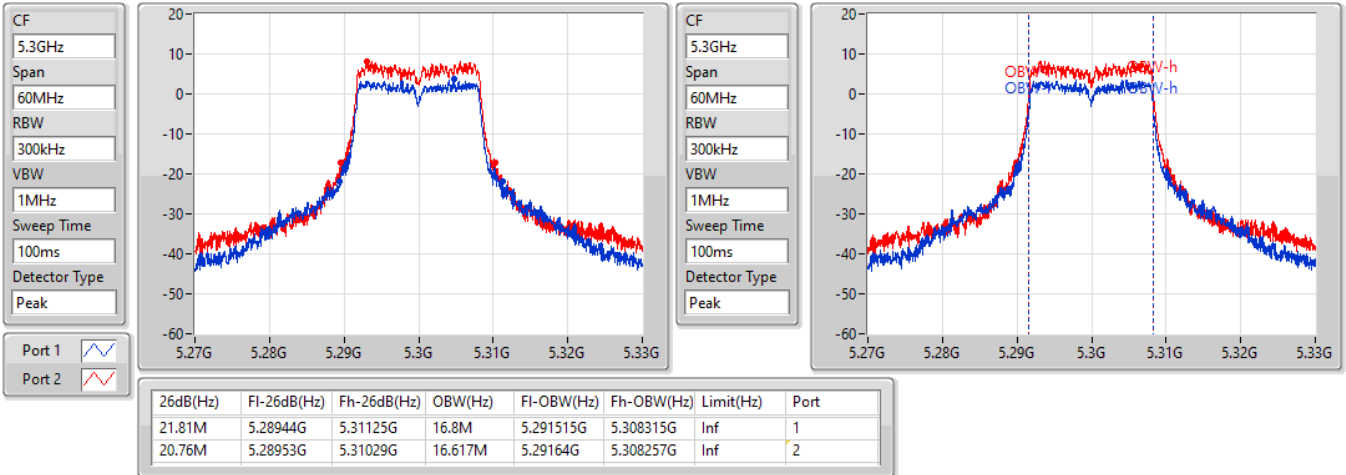


802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

07/09/2022

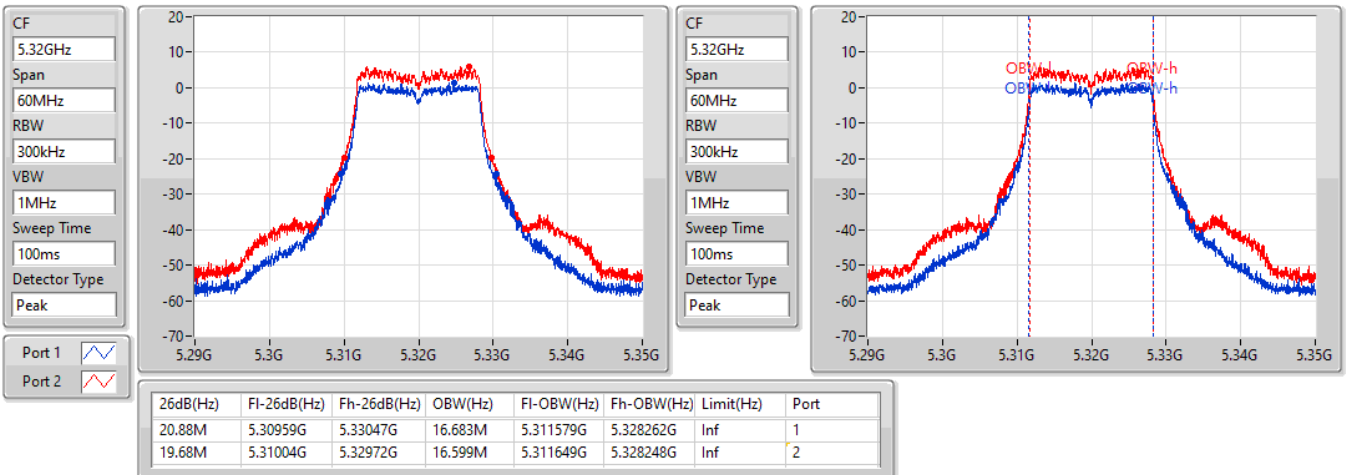


802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

07/09/2022

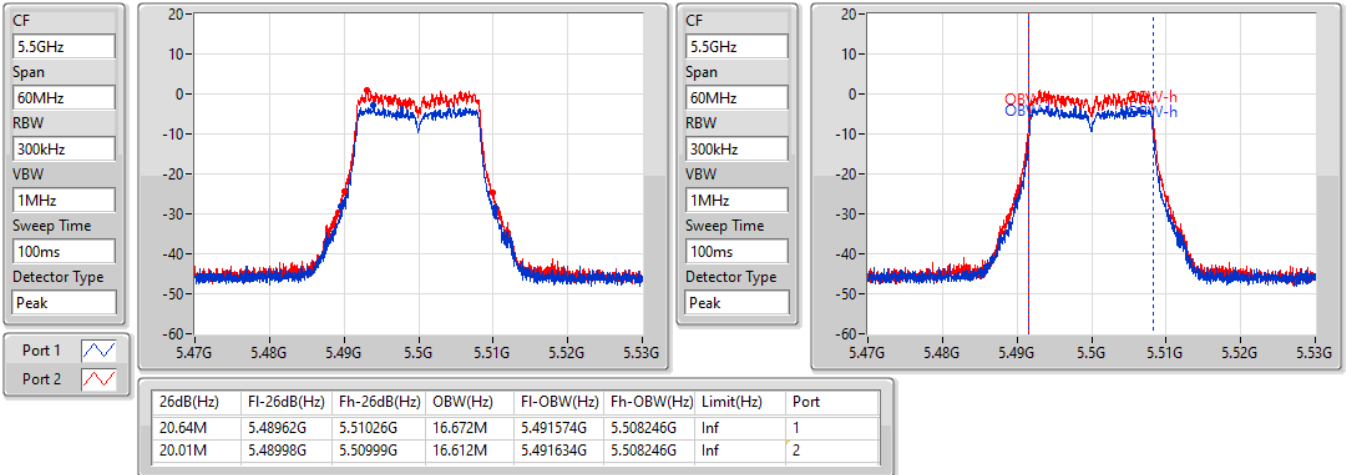


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

24/08/2022

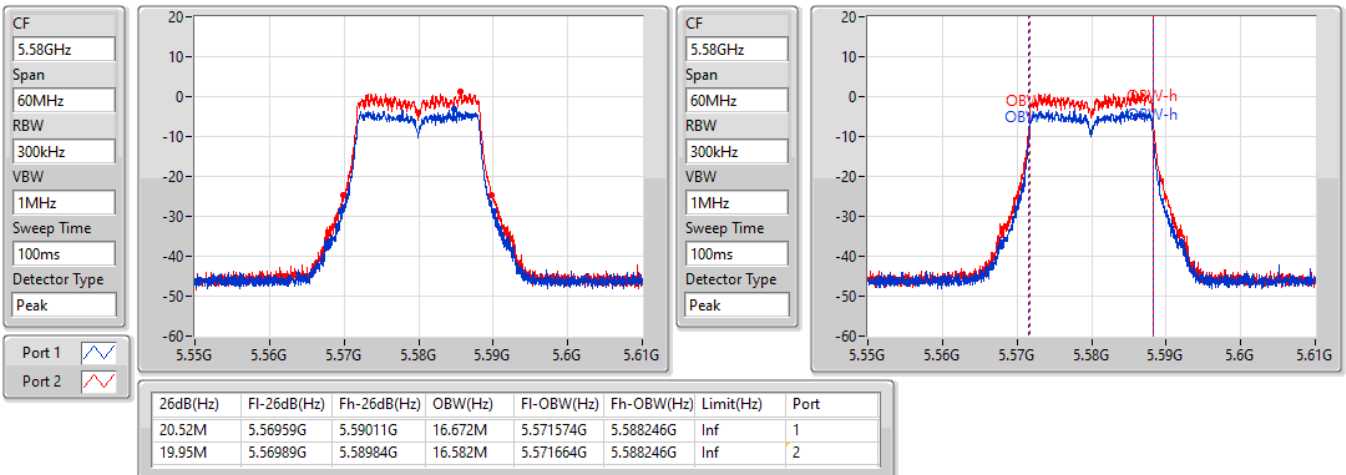


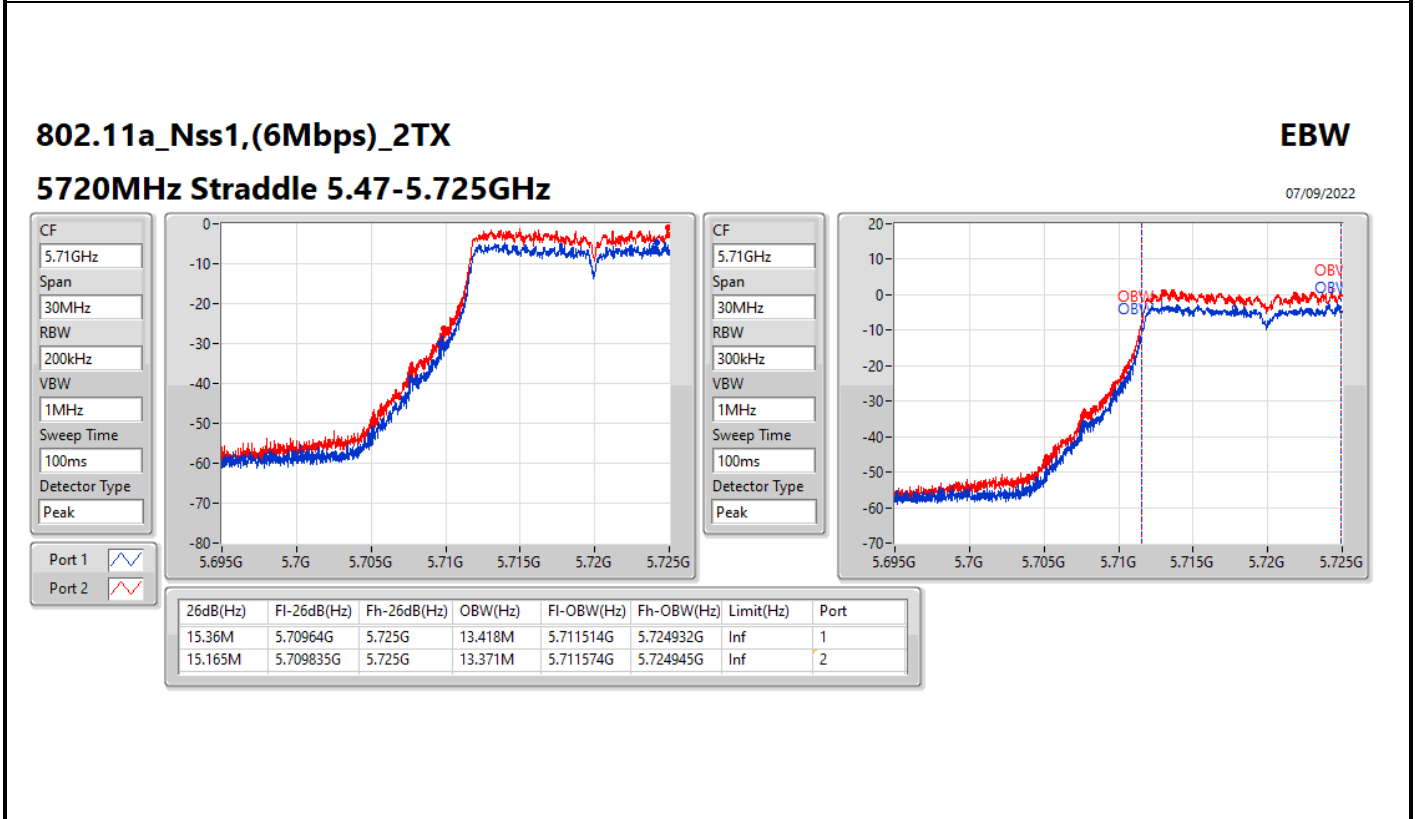
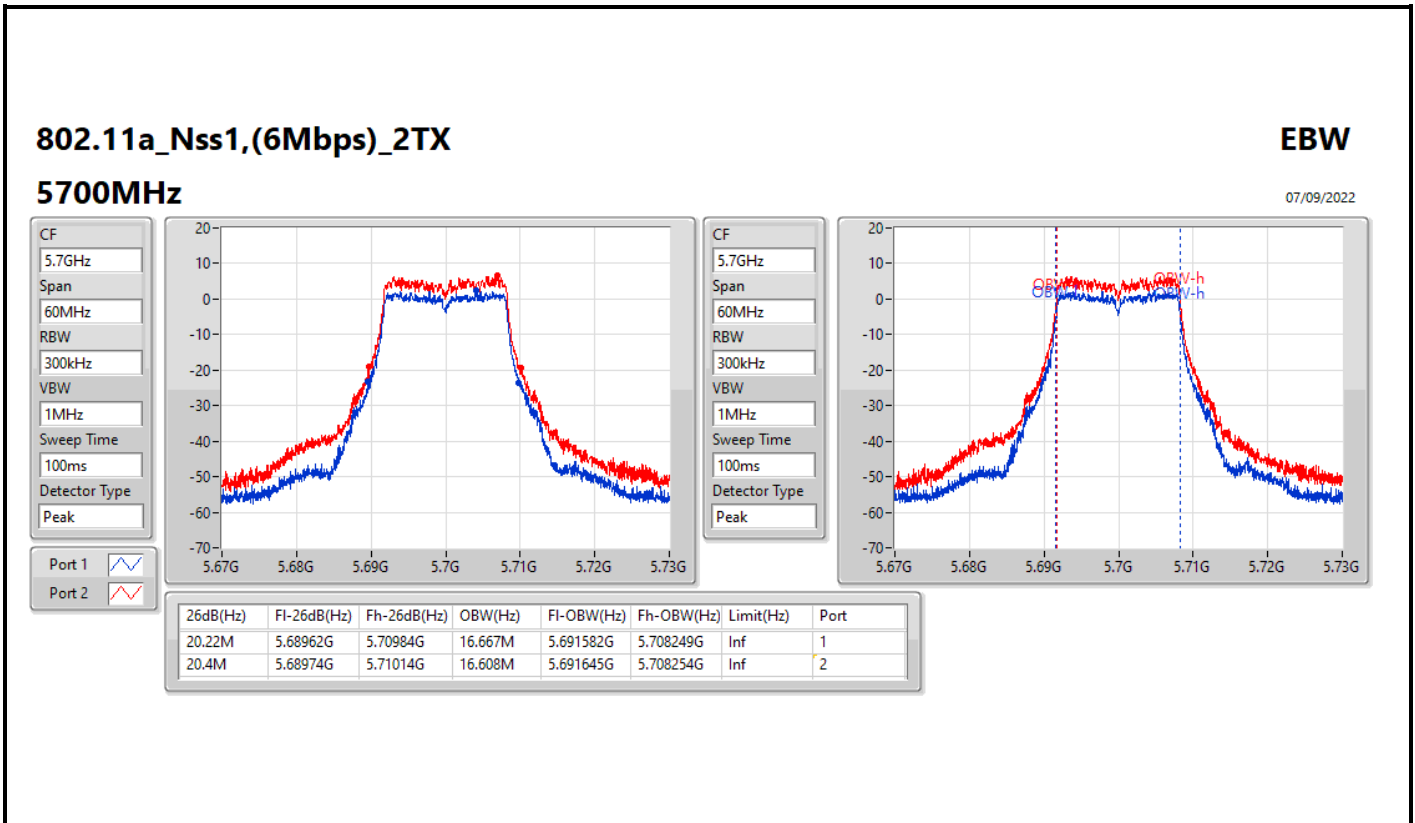
802.11a_Nss1,(6Mbps)_2TX

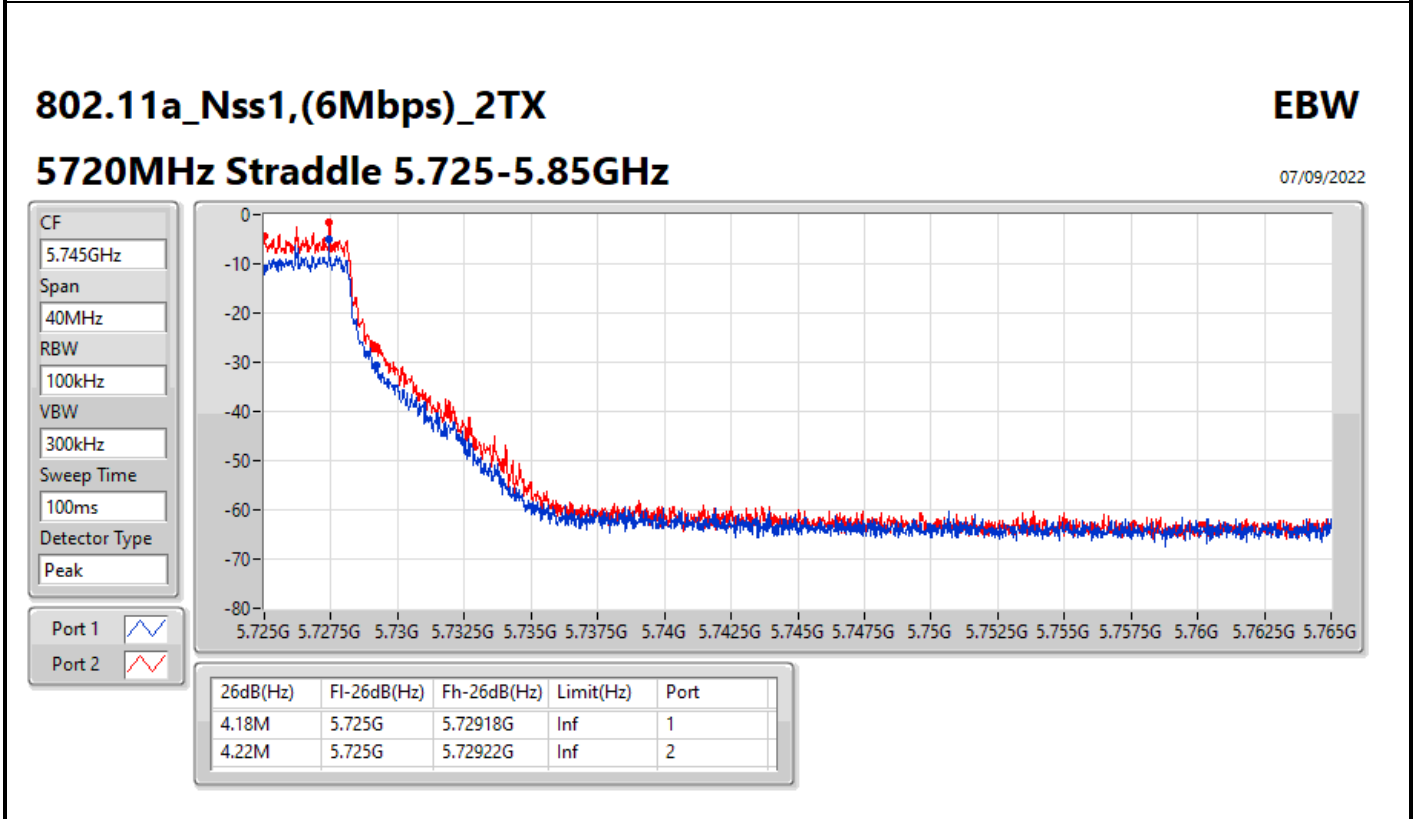
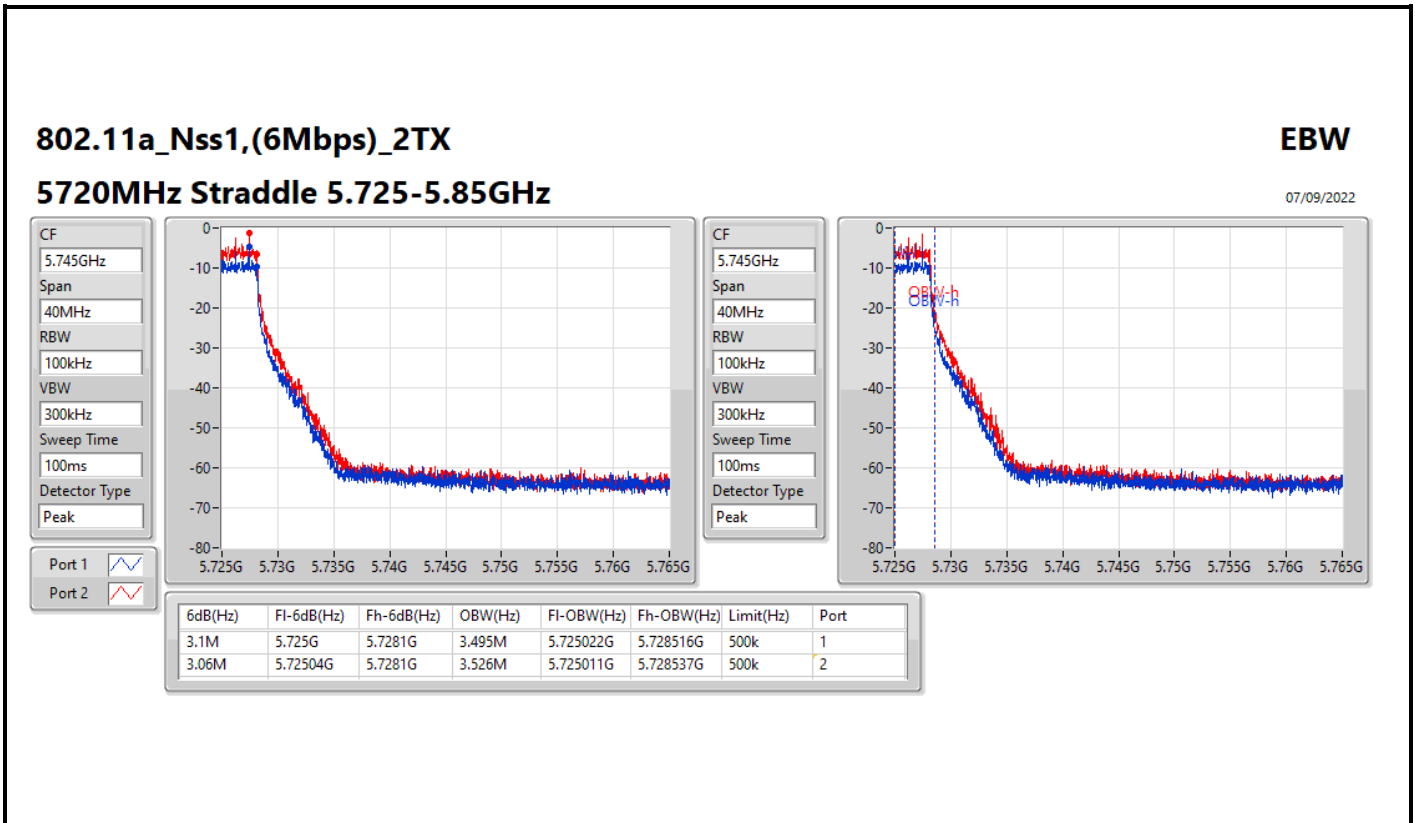
EBW

5580MHz

24/08/2022





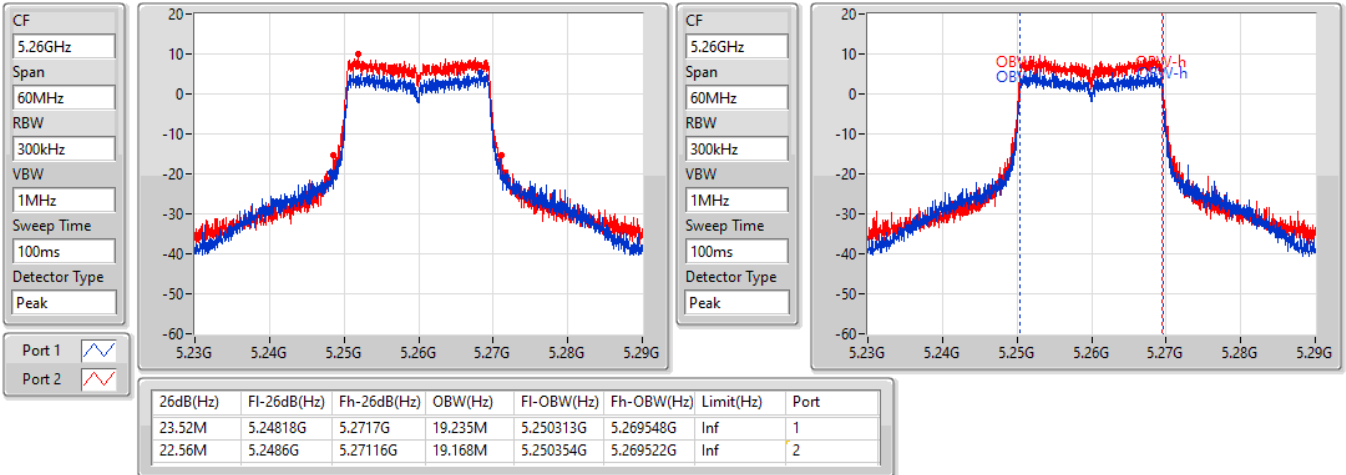


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

07/09/2022

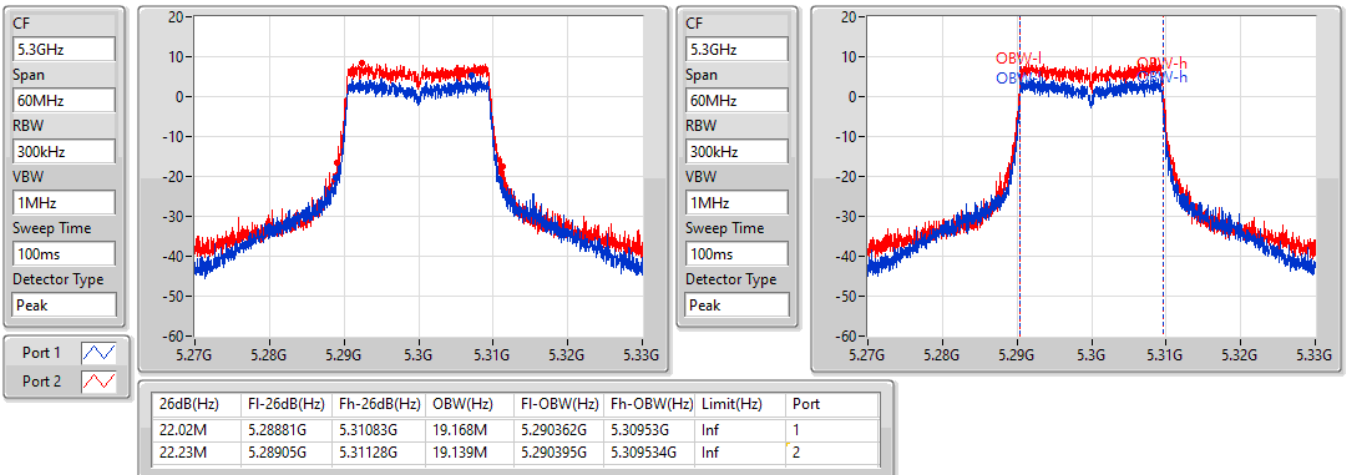


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

07/09/2022

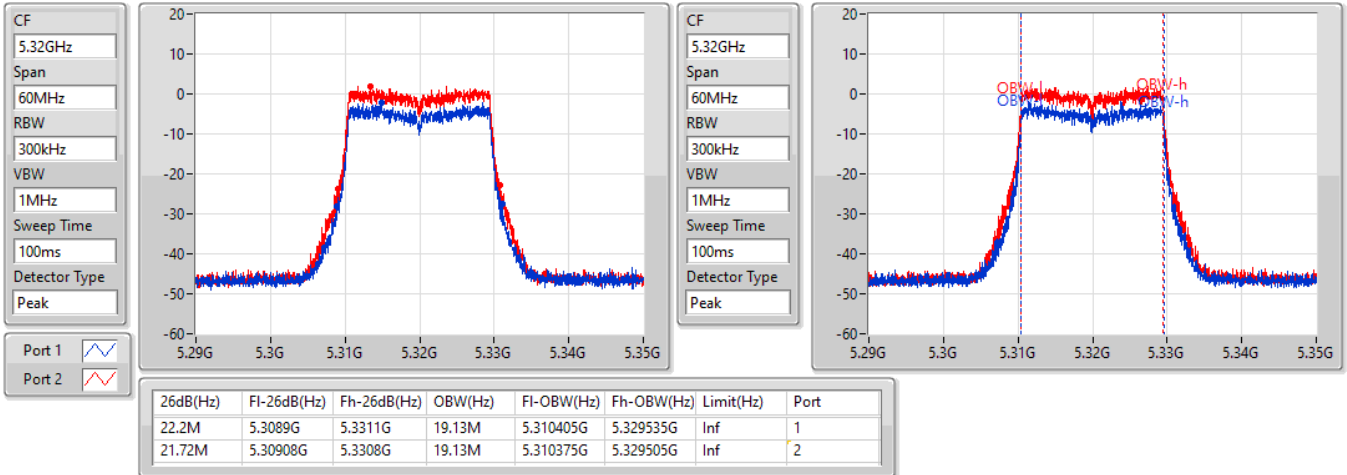


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

24/08/2022

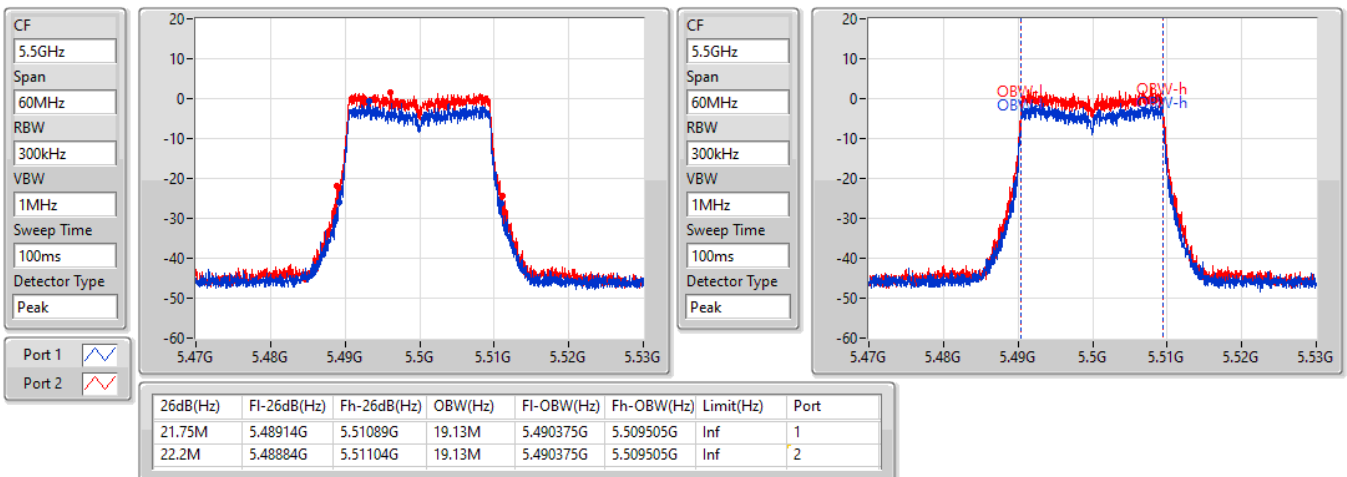


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

24/08/2022



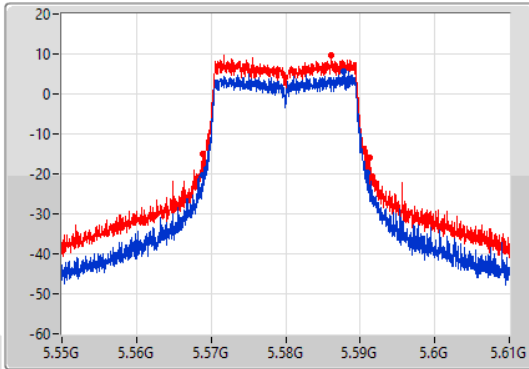
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

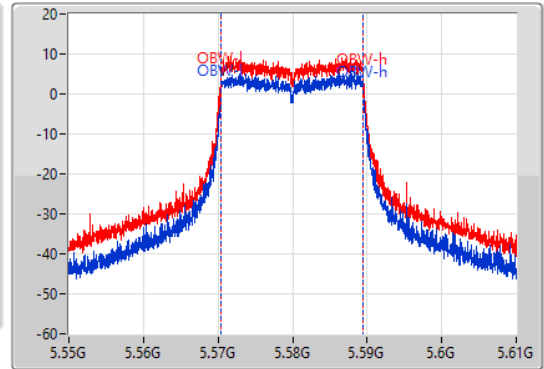
5580MHz

07/09/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
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
22.05M	5.56893G	5.59098G	19.124M	5.570395G	5.589519G	Inf	1
22.38M	5.5689G	5.59128G	19.138M	5.570374G	5.589512G	Inf	2

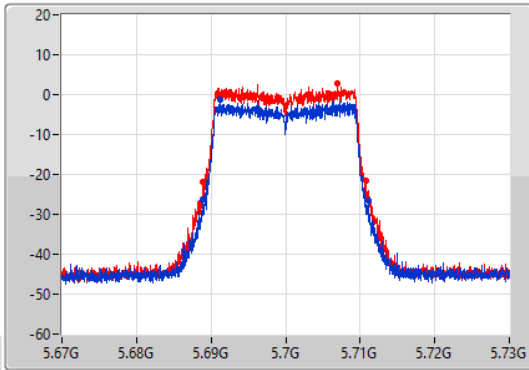
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

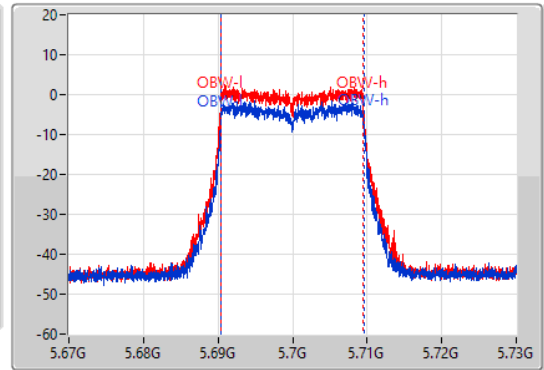
5700MHz

24/08/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



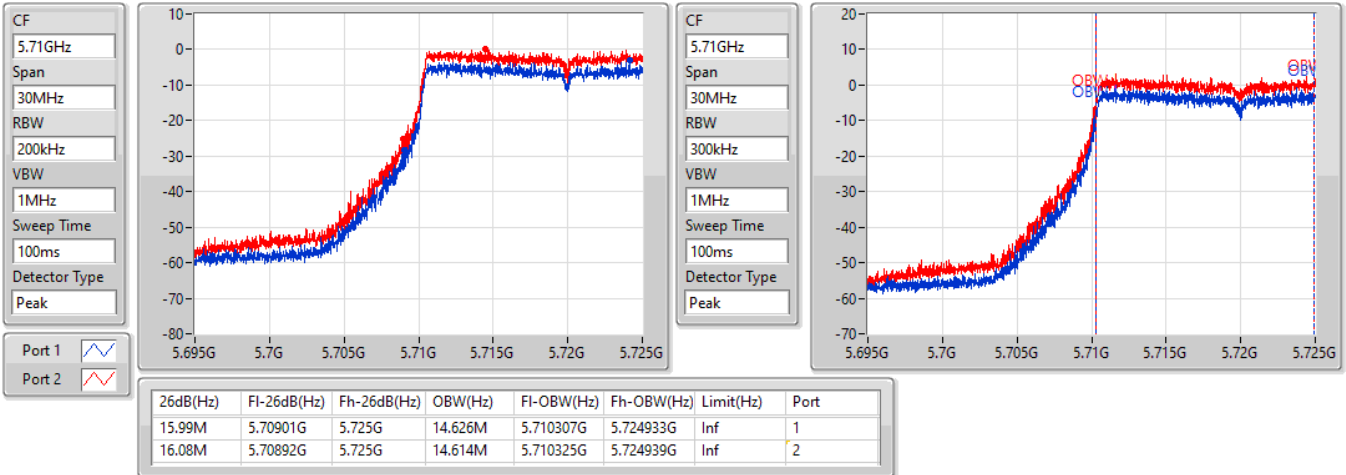
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	5.68893G	5.71116G	19.16M	5.690375G	5.709535G	Inf	1
21.93M	5.68884G	5.71077G	19.13M	5.690375G	5.709505G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

07/09/2022

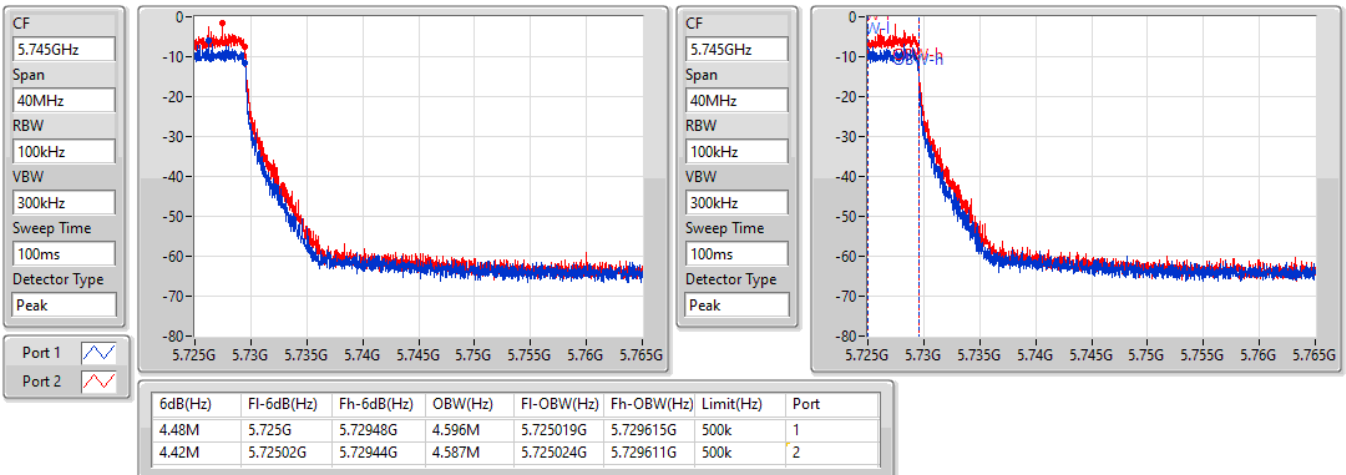


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2022

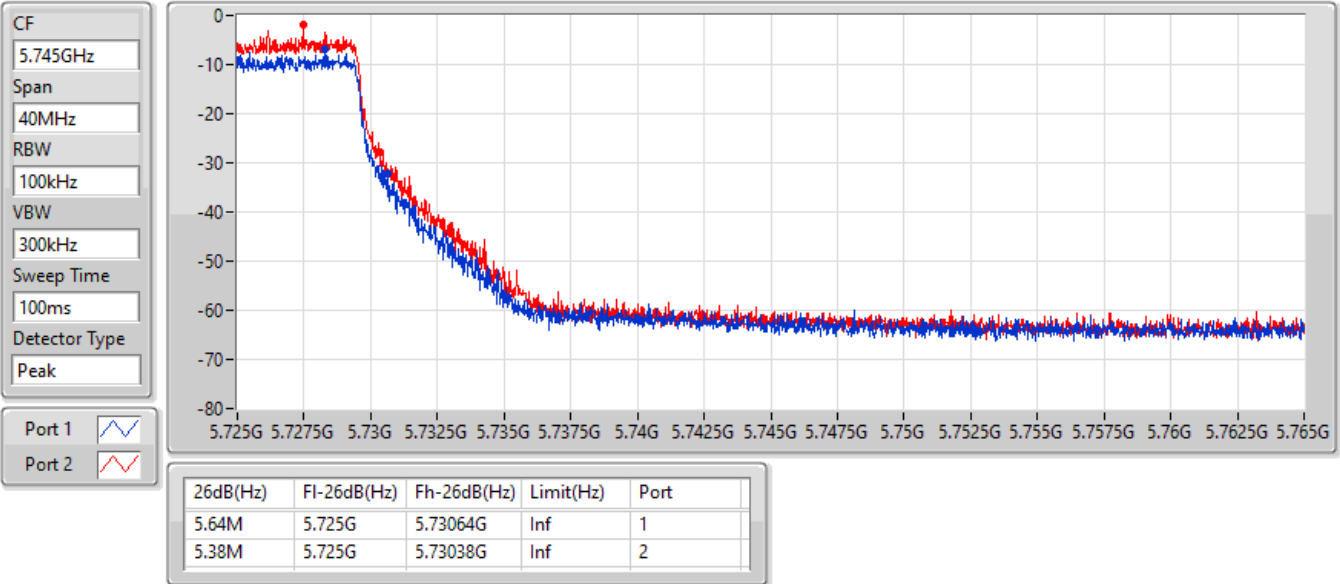


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

07/09/2022

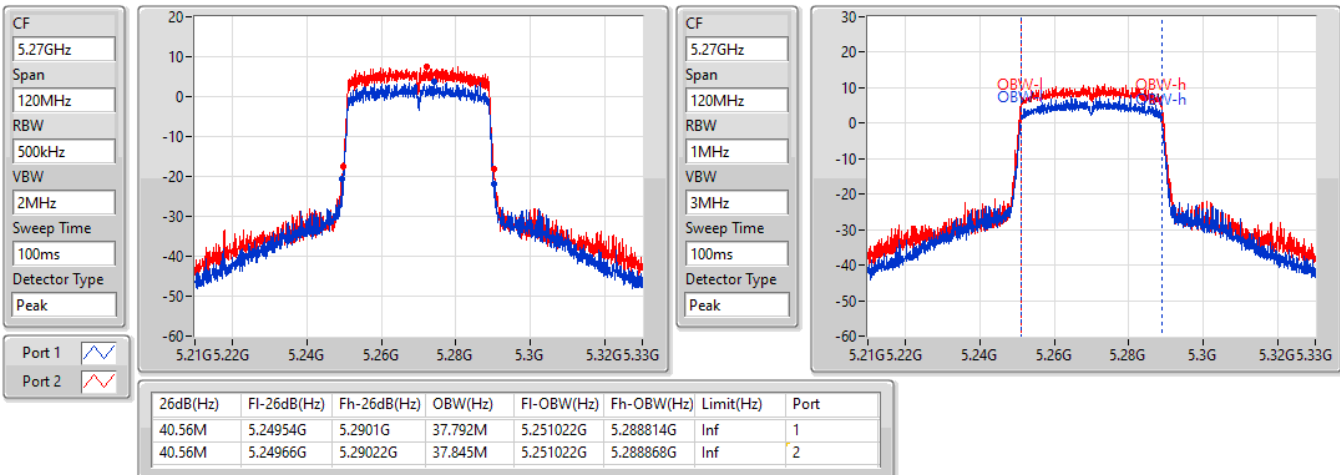


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

07/09/2022

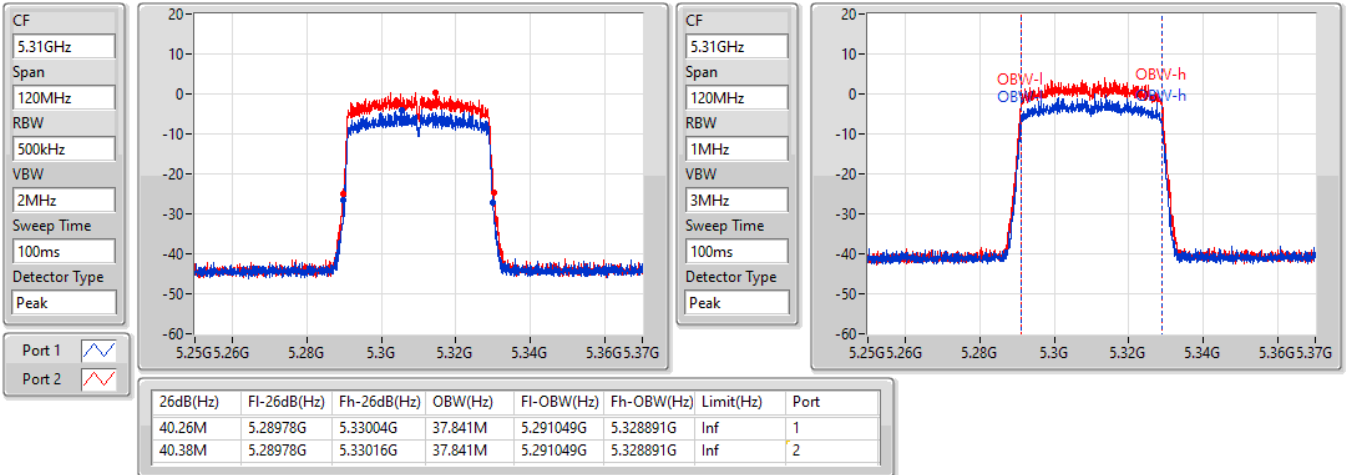


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

24/08/2022

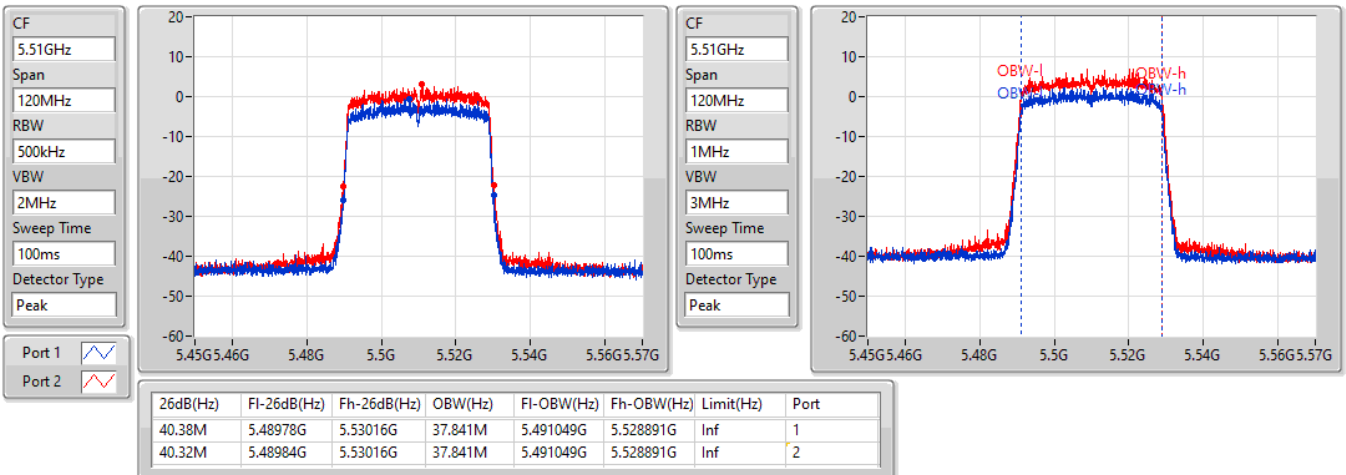


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

24/08/2022

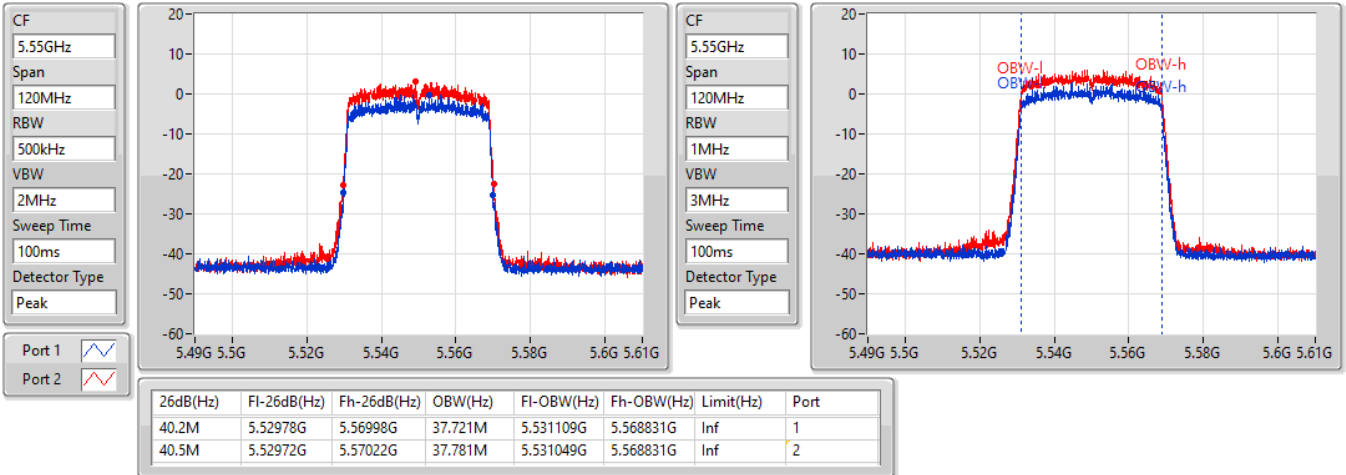


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

24/08/2022

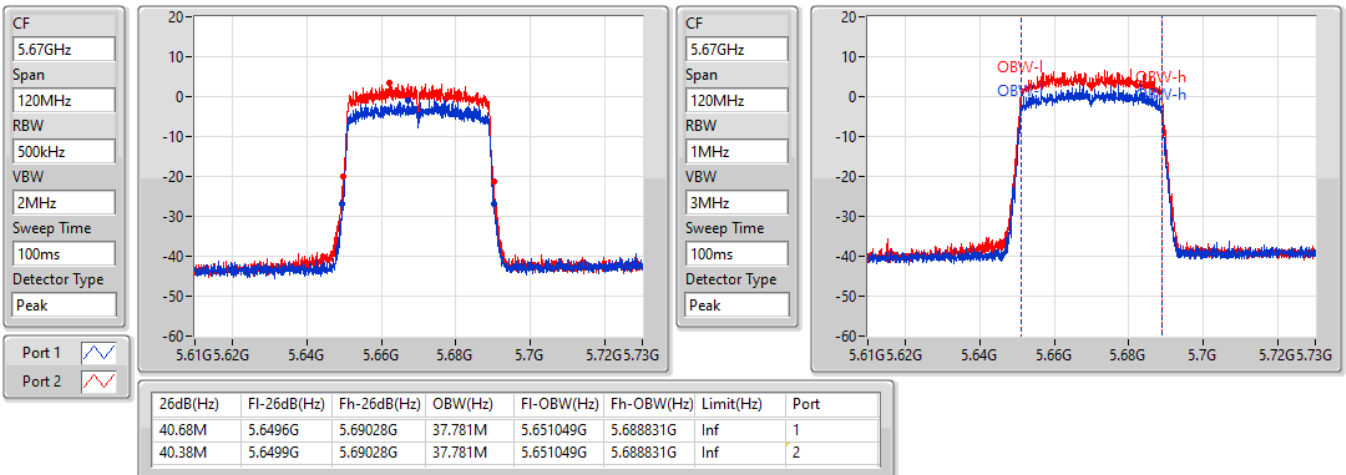


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

24/08/2022

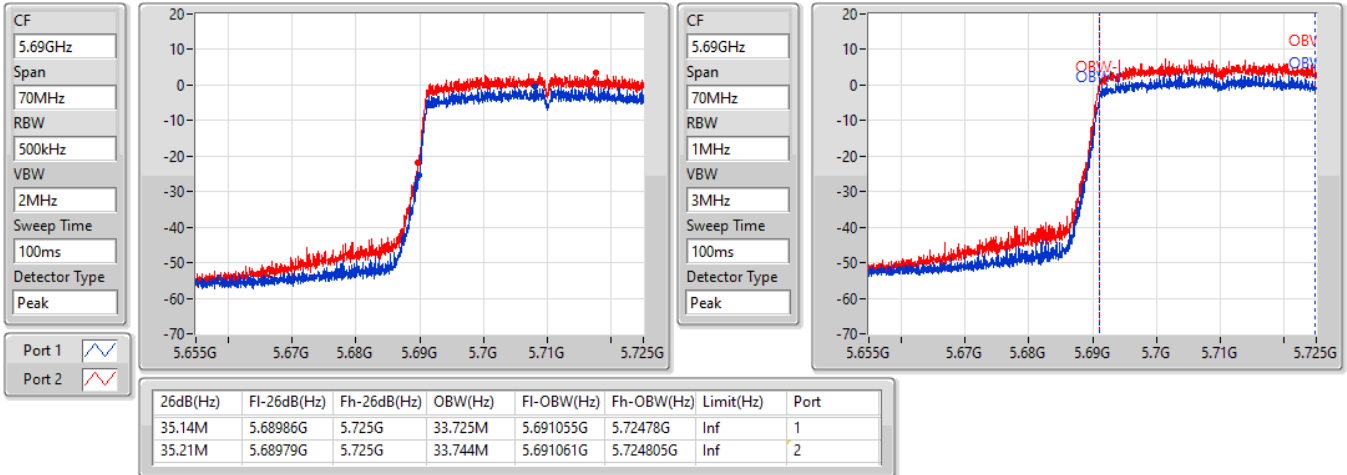


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

07/09/2022

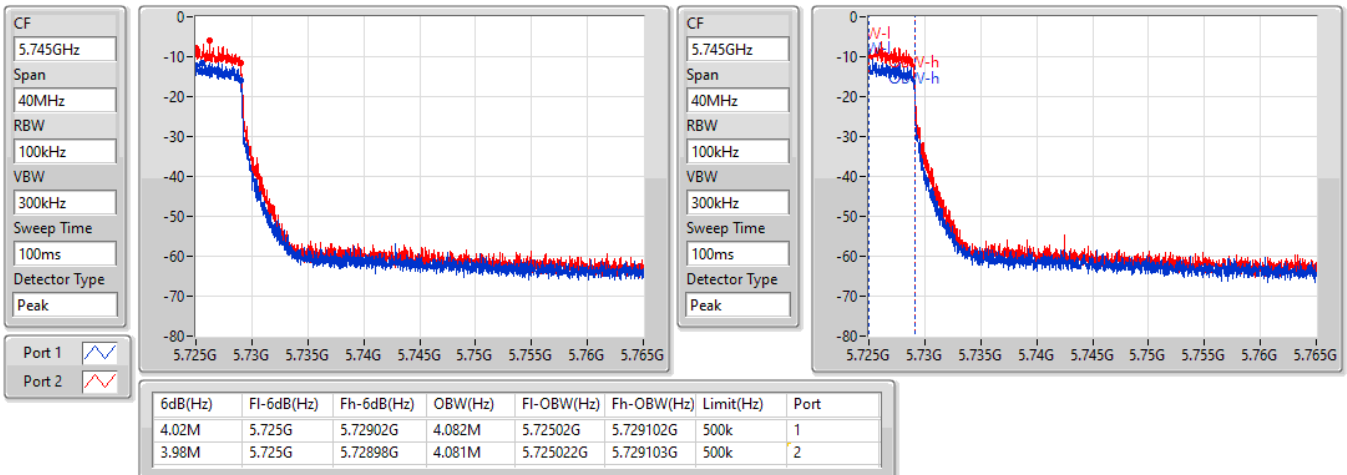


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/09/2022

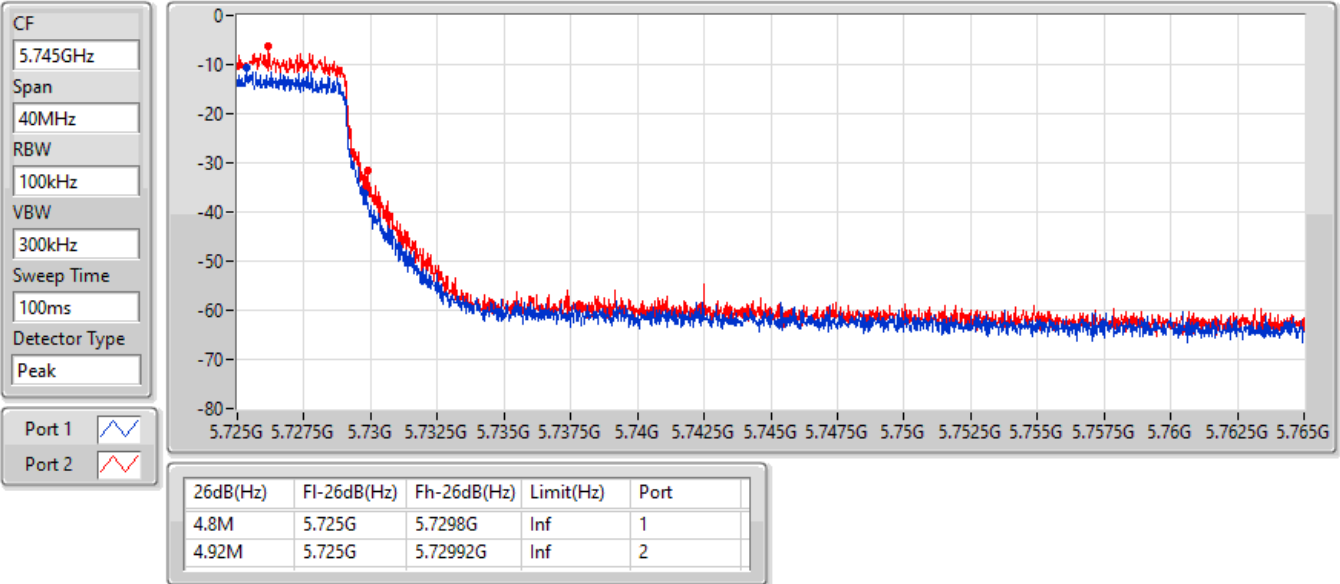


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

07/09/2022

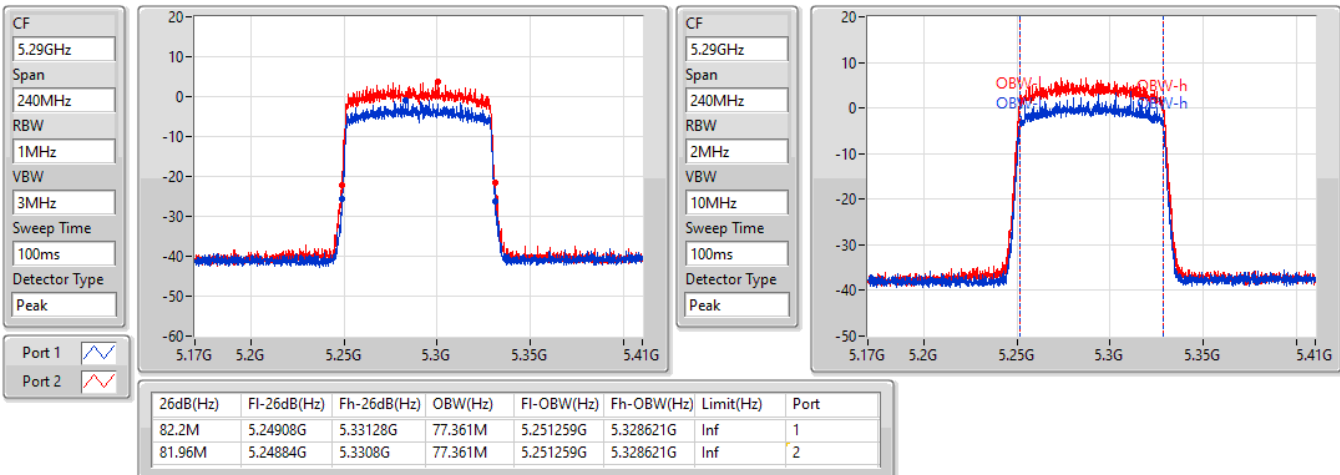


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

24/08/2022

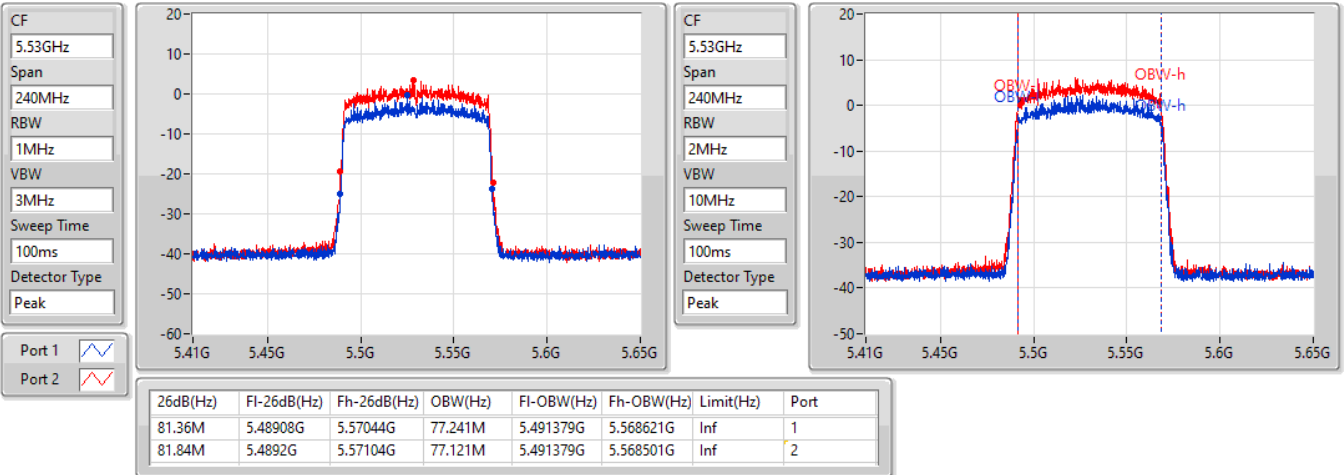


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

24/08/2022

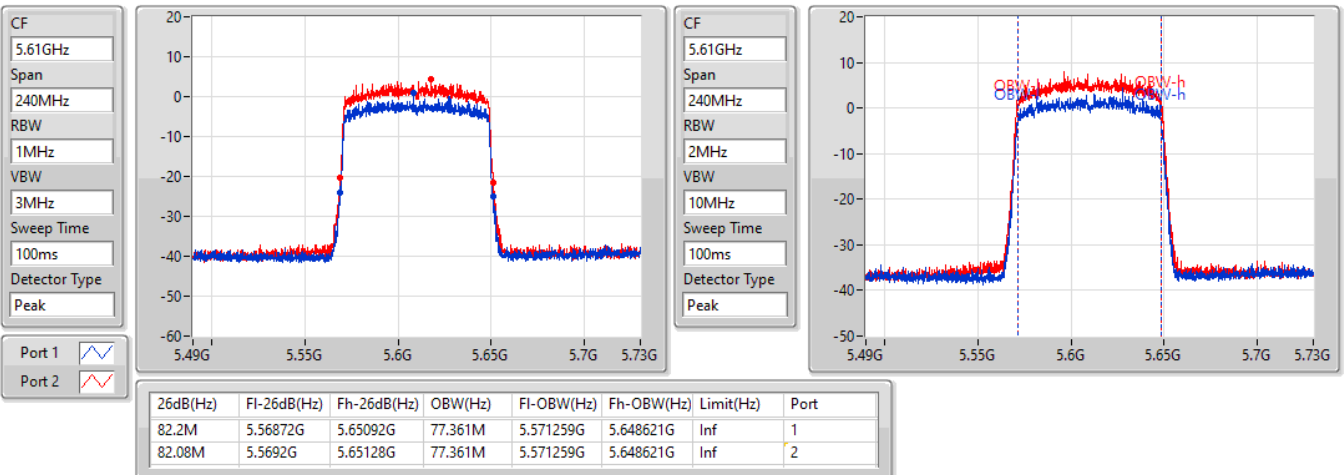


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5610MHz

24/08/2022

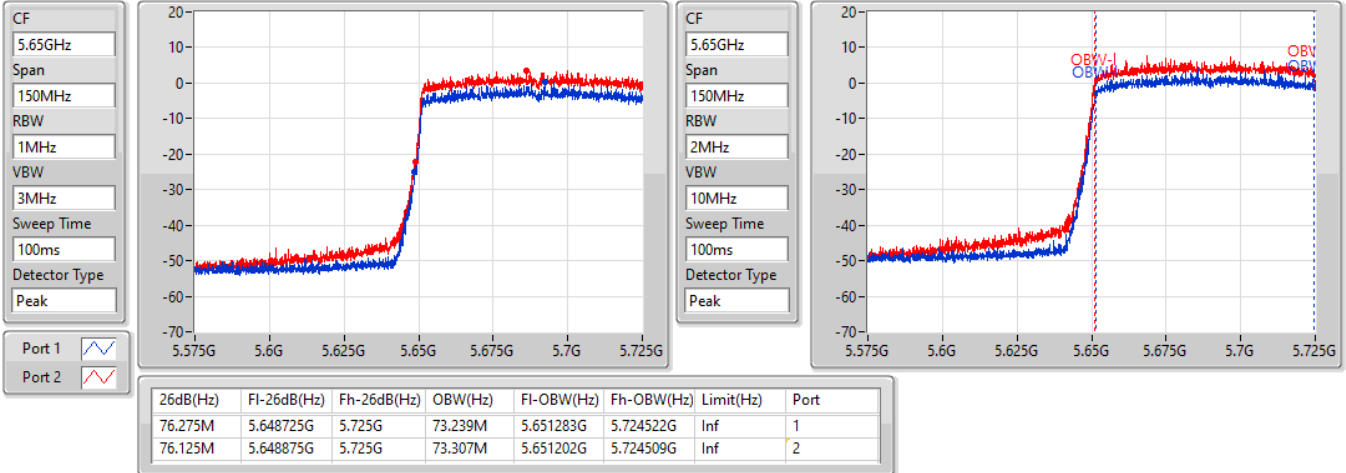


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

07/09/2022

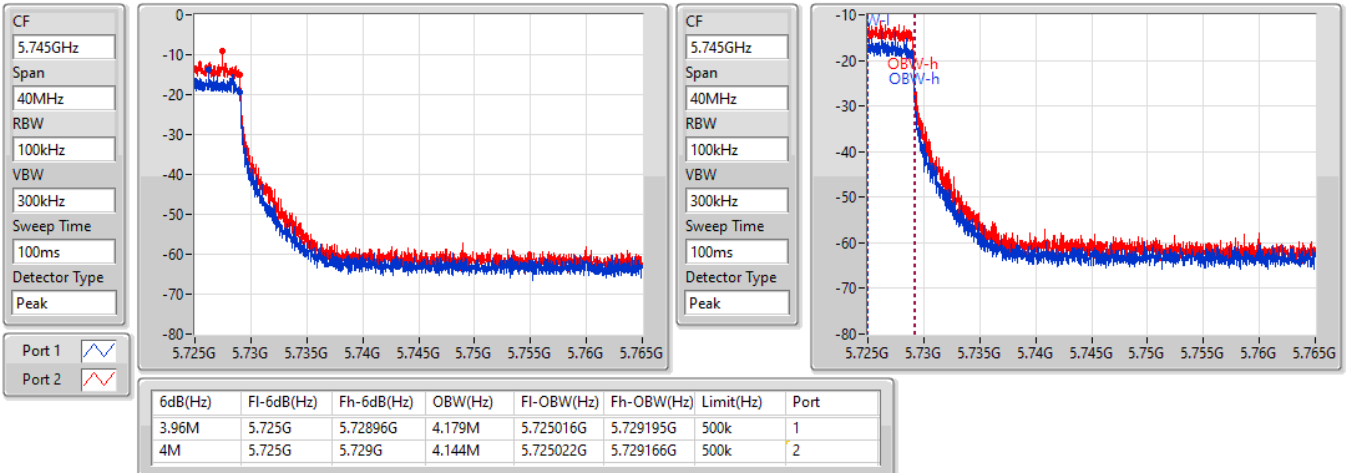


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/09/2022

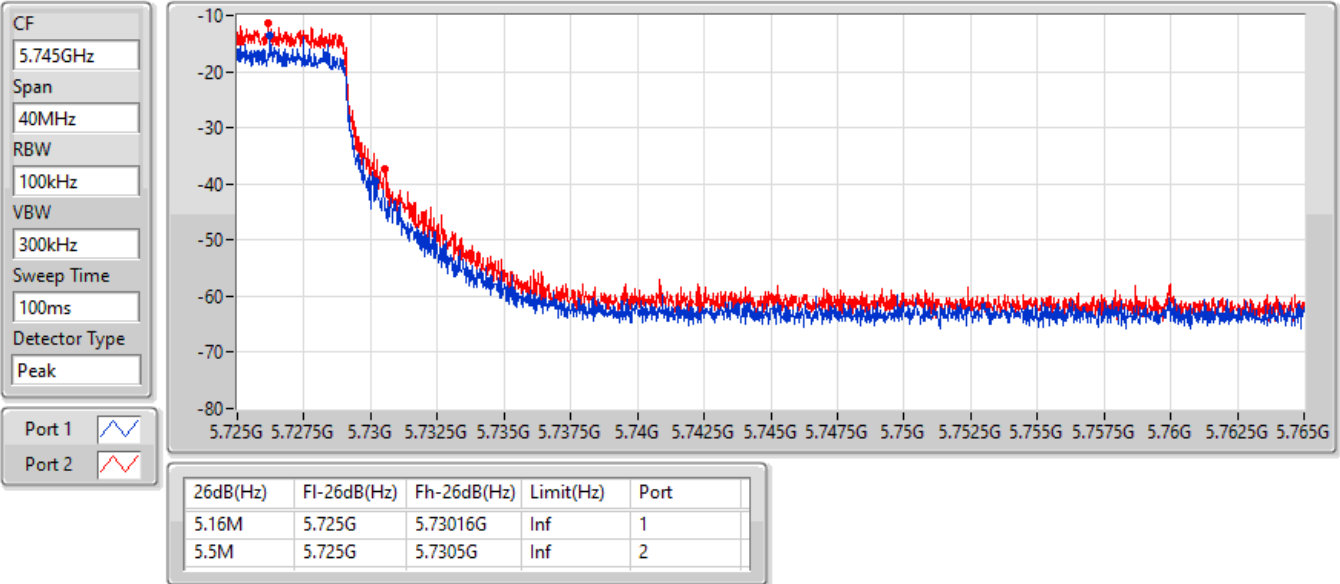


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

07/09/2022

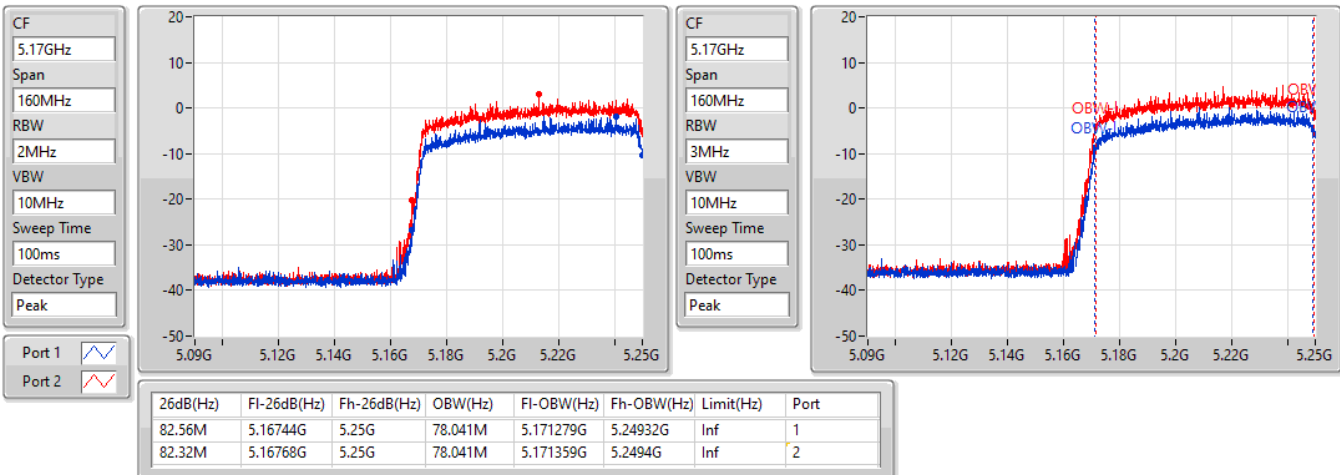


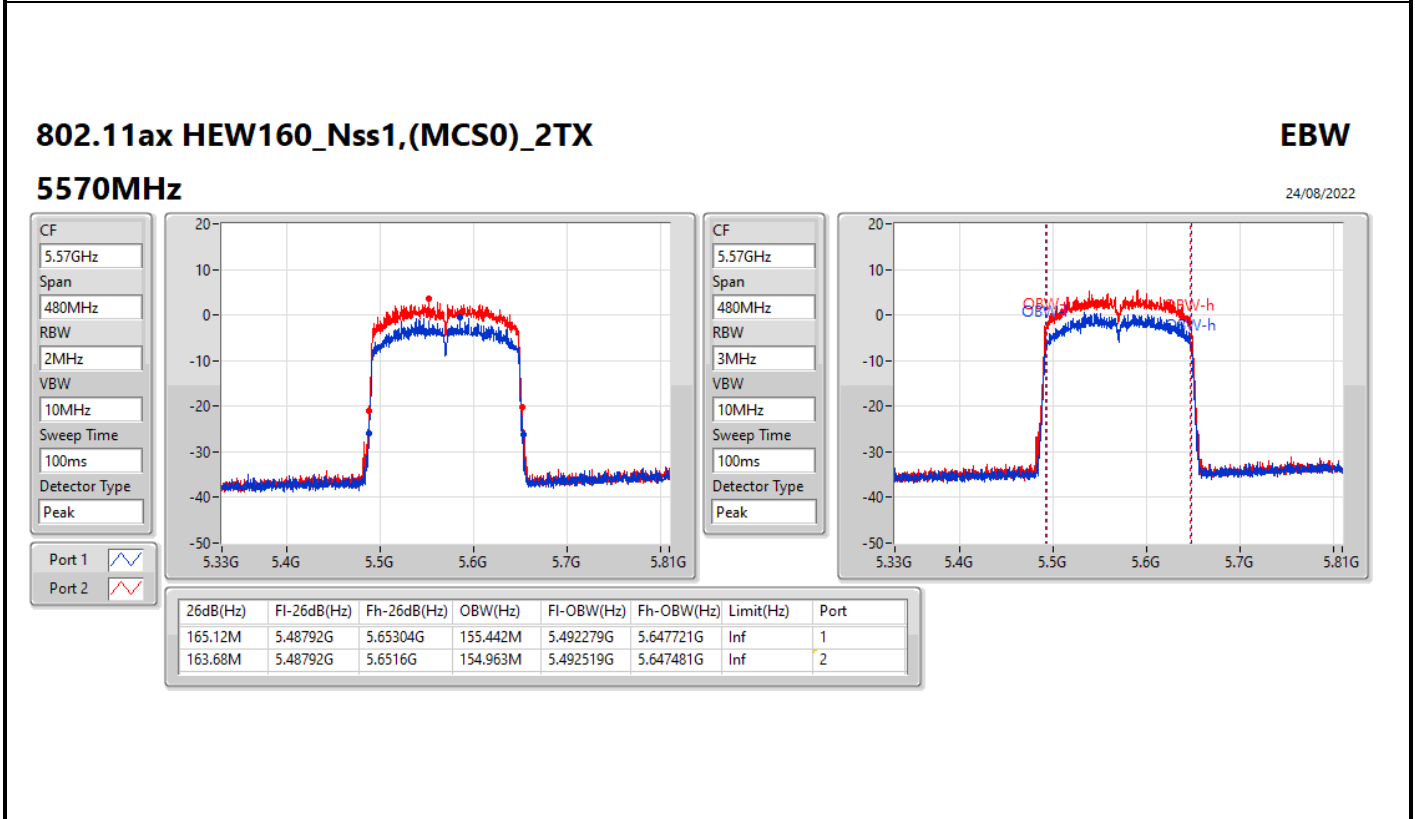
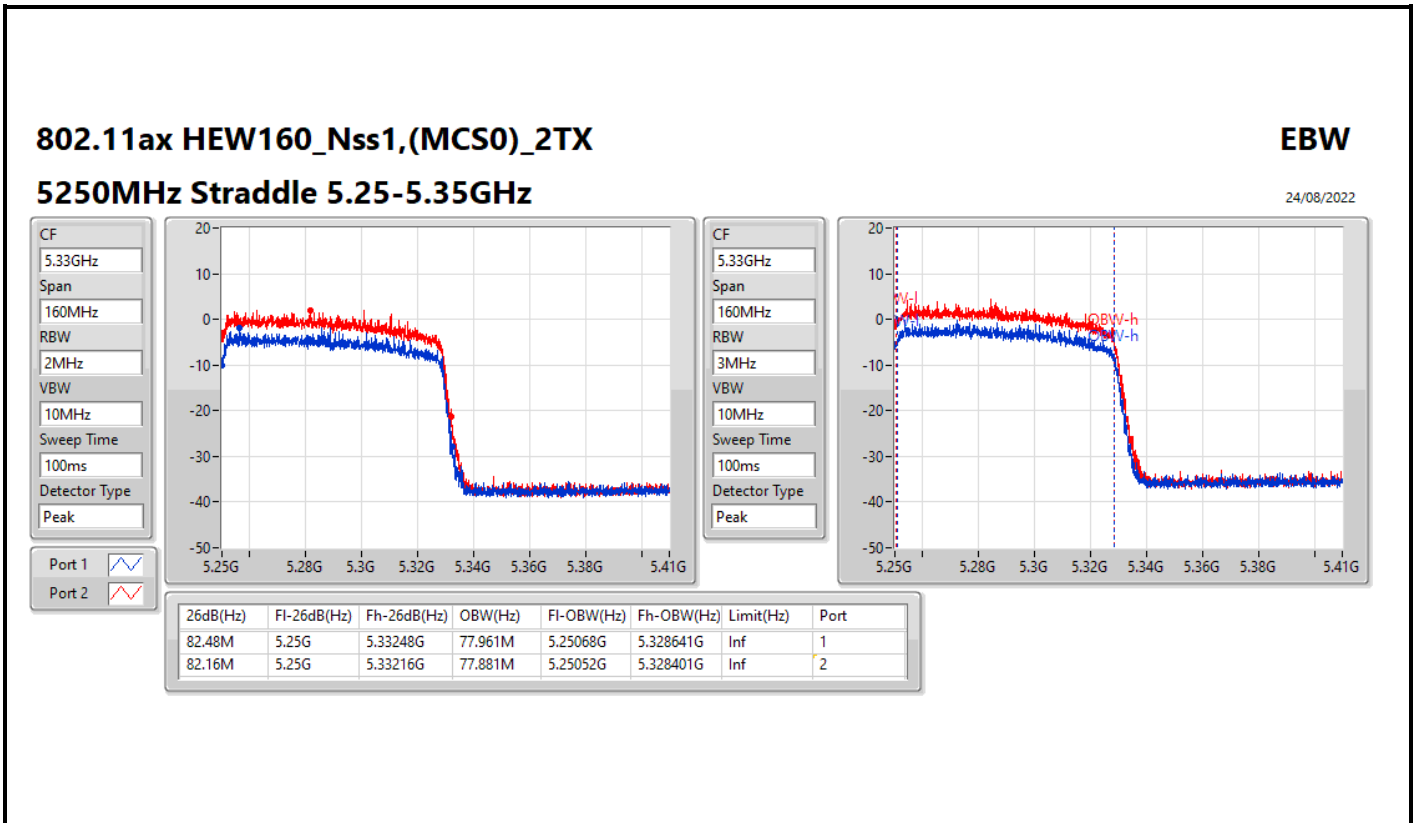
802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

24/08/2022





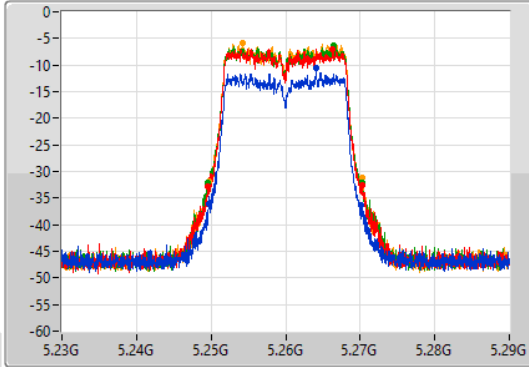
802.11a_Nss1,(6Mbps)_4TX

EBW

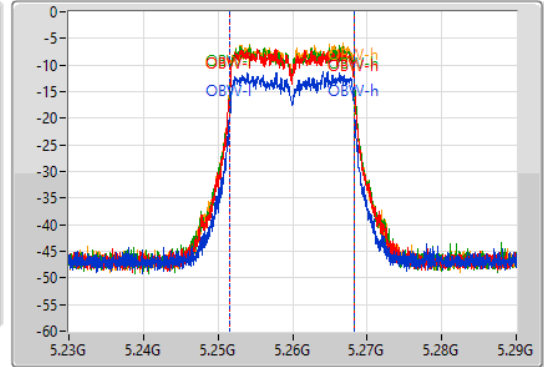
5260MHz

24/08/2022

CF
5.26GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.26GHz
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
20.49M	5.24968G	5.27017G	16.732M	5.251544G	5.268276G	Inf	1
20.7M	5.24962G	5.27032G	16.642M	5.251604G	5.268246G	Inf	2
20.67M	5.24962G	5.27029G	16.672M	5.251604G	5.268276G	Inf	3
20.52M	5.24968G	5.2702G	16.642M	5.251604G	5.268246G	Inf	4

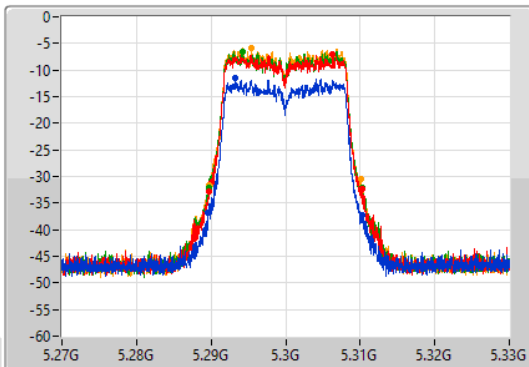
802.11a_Nss1,(6Mbps)_4TX

EBW

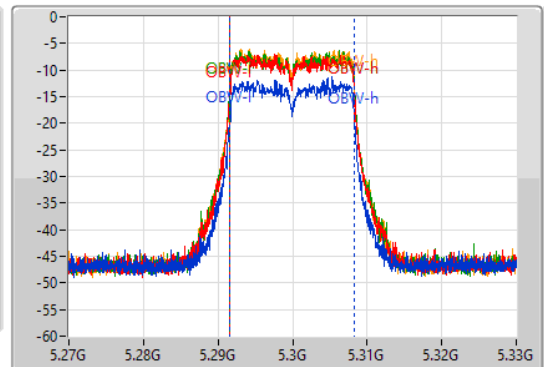
5300MHz

24/08/2022

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
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
20.73M	5.28956G	5.31029G	16.732M	5.291544G	5.308276G	Inf	1
20.55M	5.28965G	5.3102G	16.672M	5.291574G	5.308246G	Inf	2
20.55M	5.28971G	5.31026G	16.702M	5.291574G	5.308276G	Inf	3
20.49M	5.28968G	5.31017G	16.642M	5.291604G	5.308246G	Inf	4

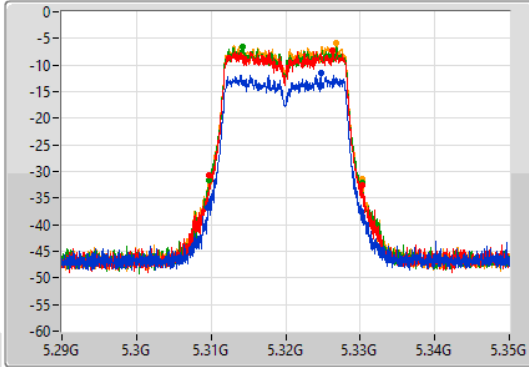
802.11a_Nss1,(6Mbps)_4TX

EBW

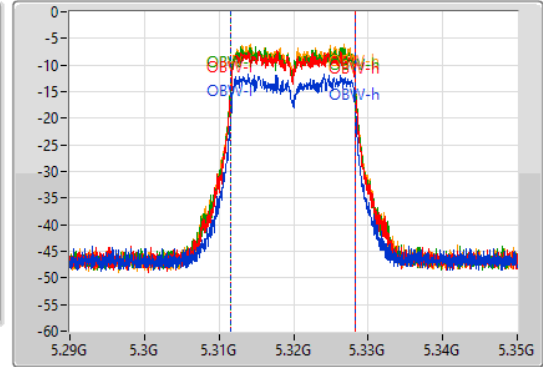
5320MHz

24/08/2022

CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.30956G	5.33017G	16.762M	5.311544G	5.328306G	Inf	1
20.55M	5.30977G	5.33032G	16.672M	5.311574G	5.328246G	Inf	2
20.52M	5.30971G	5.33023G	16.702M	5.311574G	5.328276G	Inf	3
20.55M	5.30971G	5.33026G	16.642M	5.311604G	5.328246G	Inf	4

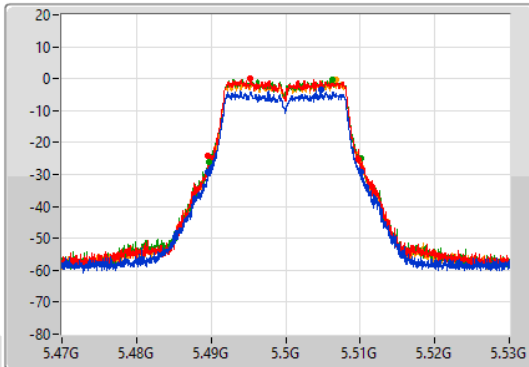
802.11a_Nss1,(6Mbps)_4TX

EBW

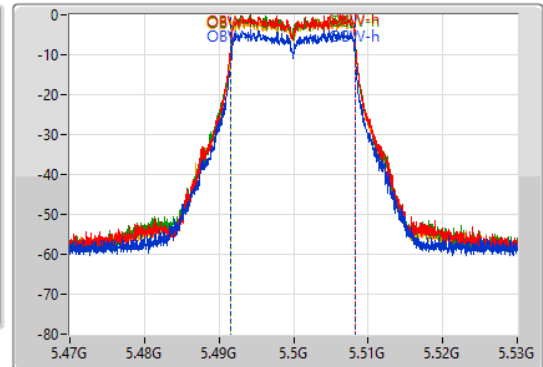
5500MHz

07/09/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	FI-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.48959G	5.51011G	16.66M	5.491586G	5.508245G	Inf	1
20.22M	5.48962G	5.50984G	16.639M	5.49161G	5.508249G	Inf	2
20.4M	5.48971G	5.51011G	16.649M	5.491606G	5.508255G	Inf	3
20.19M	5.4898G	5.50999G	16.627M	5.491624G	5.508251G	Inf	4

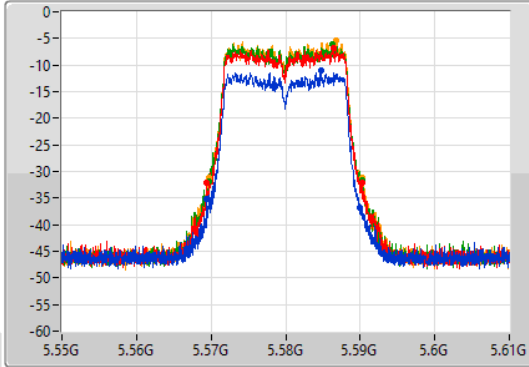
802.11a_Nss1,(6Mbps)_4TX

EBW

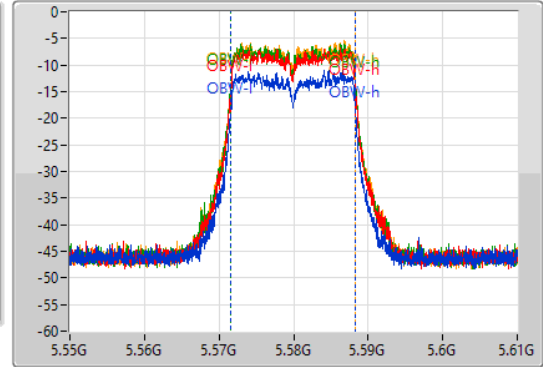
5580MHz

24/08/2022

CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.58GHz
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
20.46M	5.56947G	5.58993G	16.762M	5.571544G	5.588306G	Inf	1
20.82M	5.56944G	5.59026G	16.672M	5.571604G	5.588276G	Inf	2
20.58M	5.56968G	5.59026G	16.702M	5.571574G	5.588276G	Inf	3
20.58M	5.56974G	5.59032G	16.672M	5.571604G	5.588276G	Inf	4

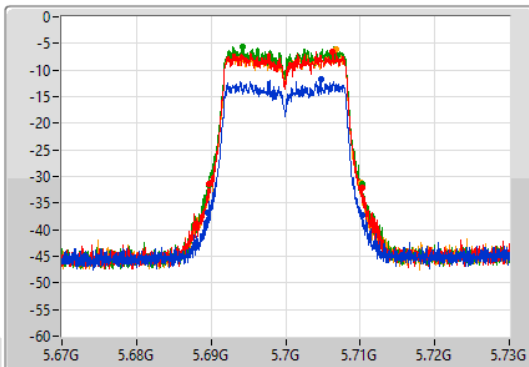
802.11a_Nss1,(6Mbps)_4TX

EBW

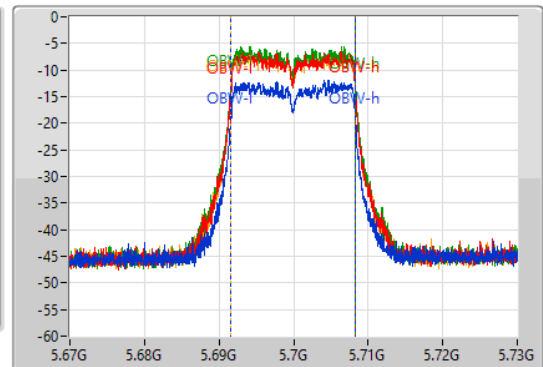
5700MHz

24/08/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

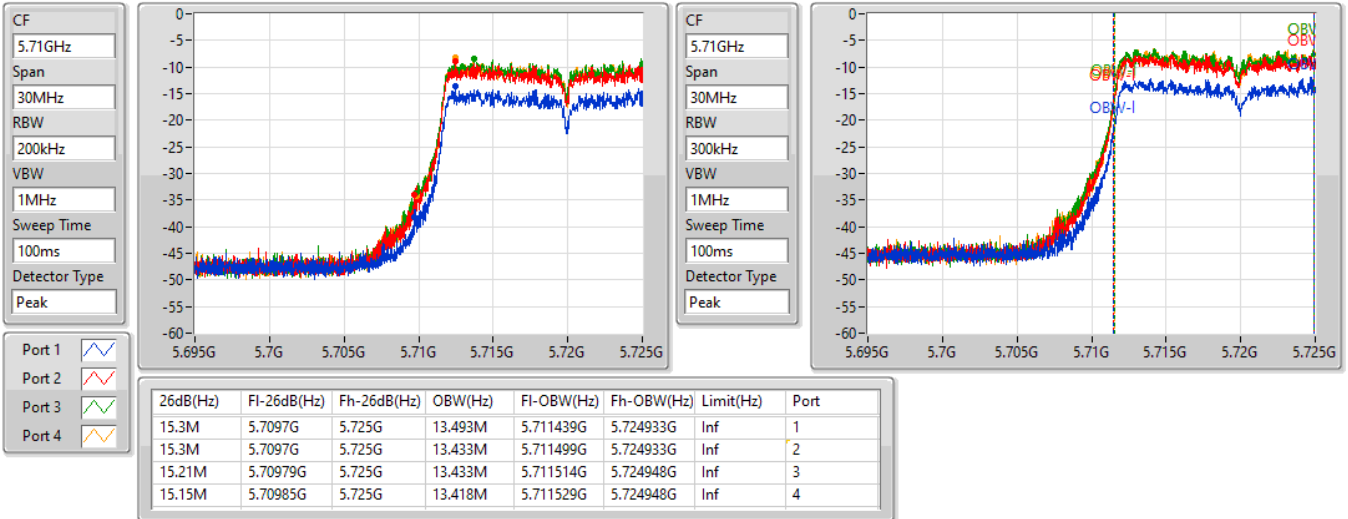
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.6895G	5.7102G	16.792M	5.691514G	5.708306G	Inf	1
20.55M	5.68965G	5.7102G	16.672M	5.691574G	5.708246G	Inf	2
20.64M	5.68965G	5.71029G	16.672M	5.691604G	5.708276G	Inf	3
20.46M	5.68971G	5.71017G	16.642M	5.691604G	5.708246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

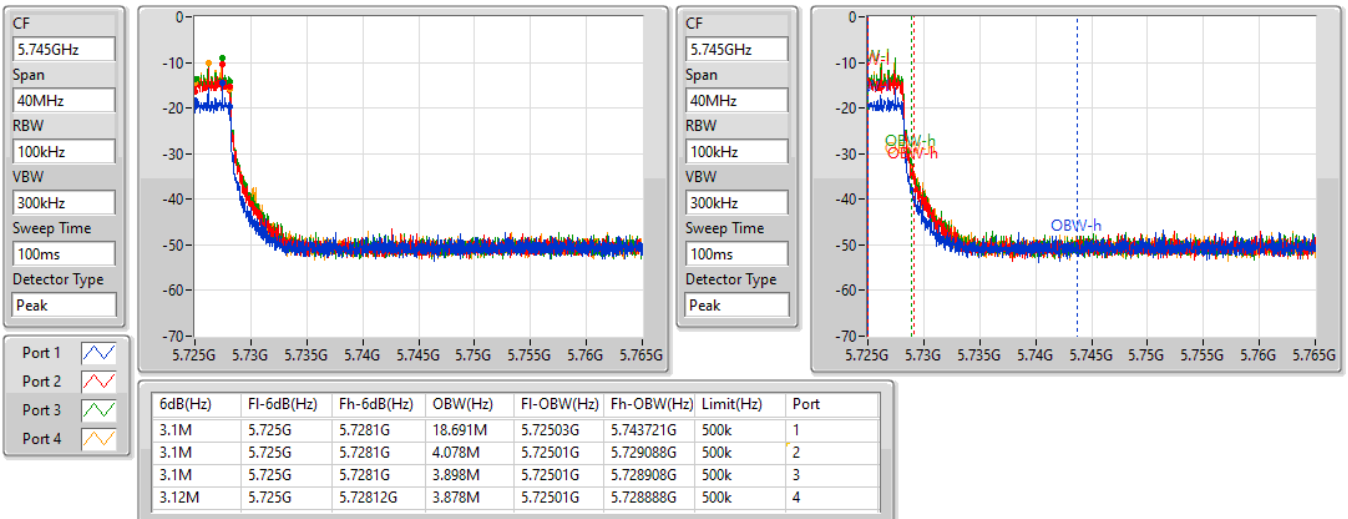


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

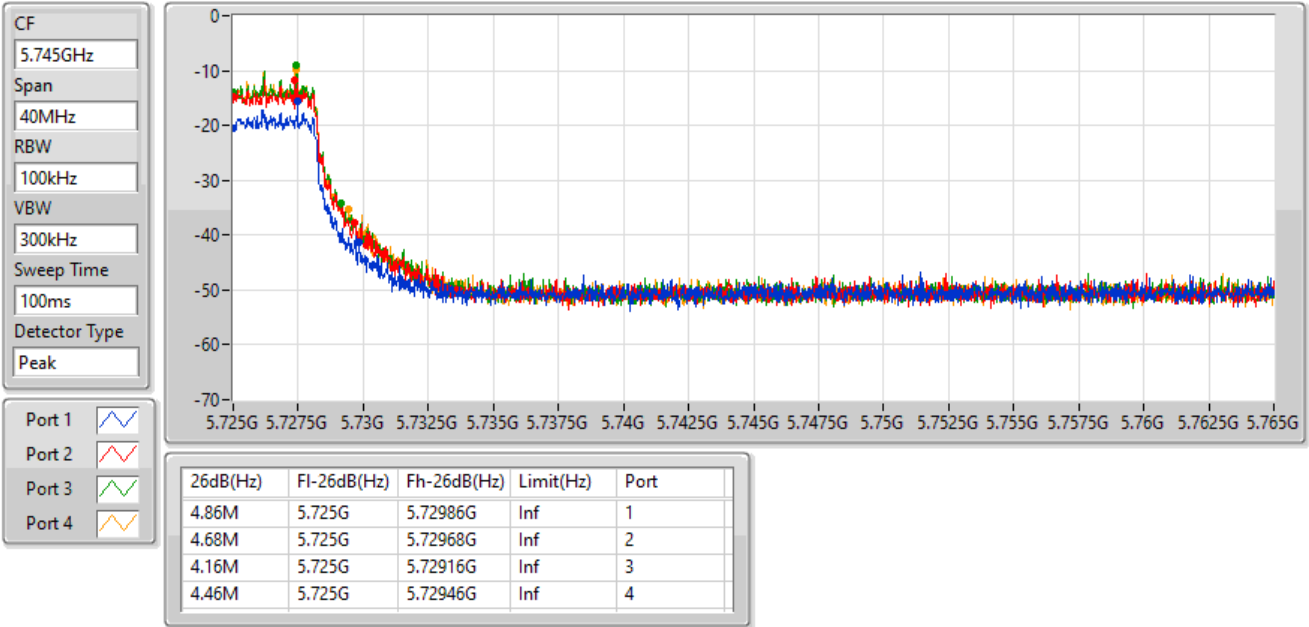


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

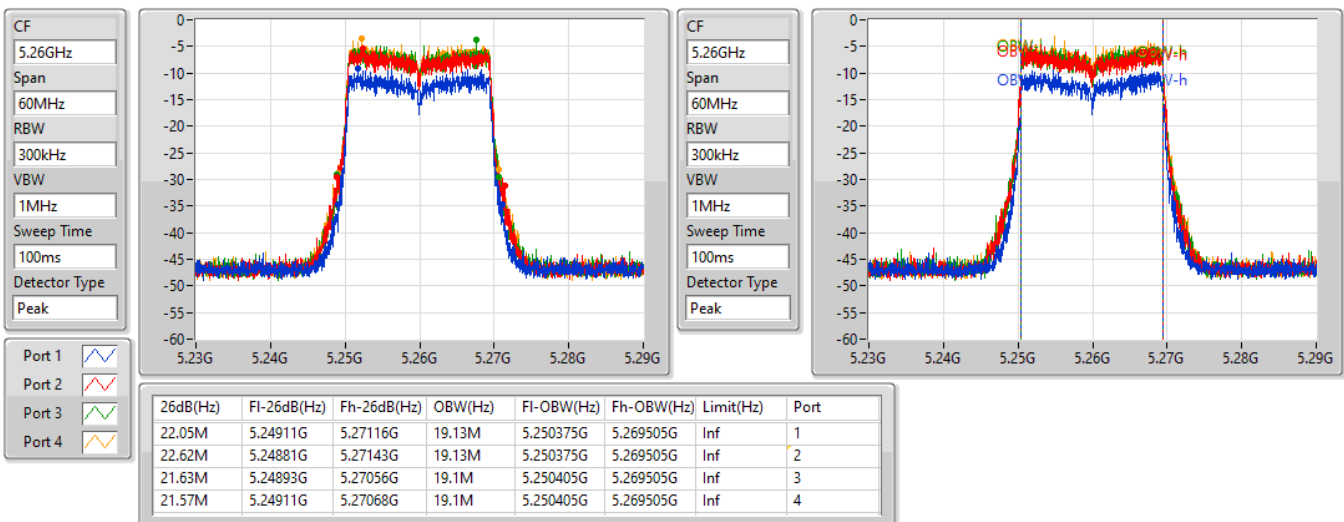


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5260MHz

24/08/2022



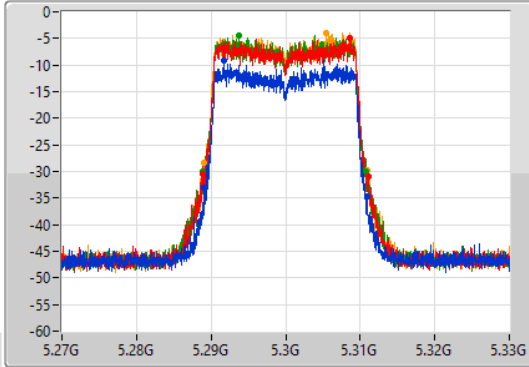
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

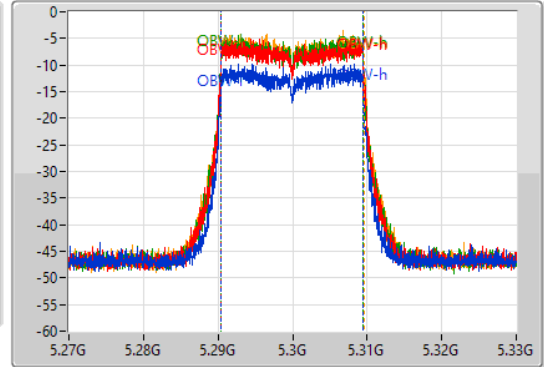
5300MHz

24/08/2022

CF
5.3GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.3GHz
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
21.78M	5.28911G	5.31089G	19.16M	5.290345G	5.309505G	Inf	1
22.23M	5.28884G	5.31107G	19.13M	5.290375G	5.309505G	Inf	2
21.78M	5.28896G	5.31074G	19.11M	5.290405G	5.309505G	Inf	3
21.93M	5.28899G	5.31092G	19.13M	5.290405G	5.309535G	Inf	4

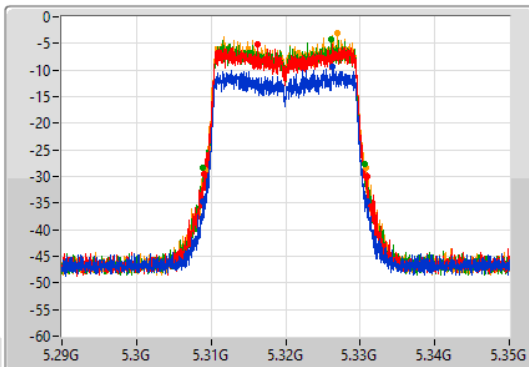
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

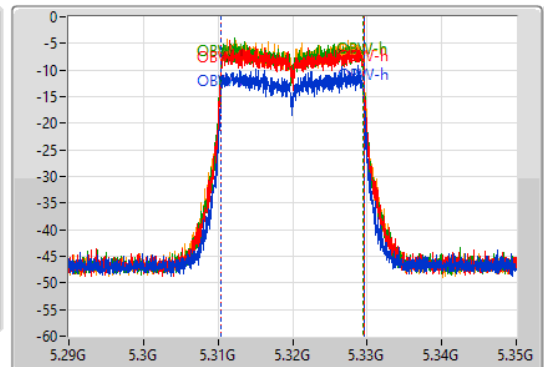
5320MHz

24/08/2022

CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak

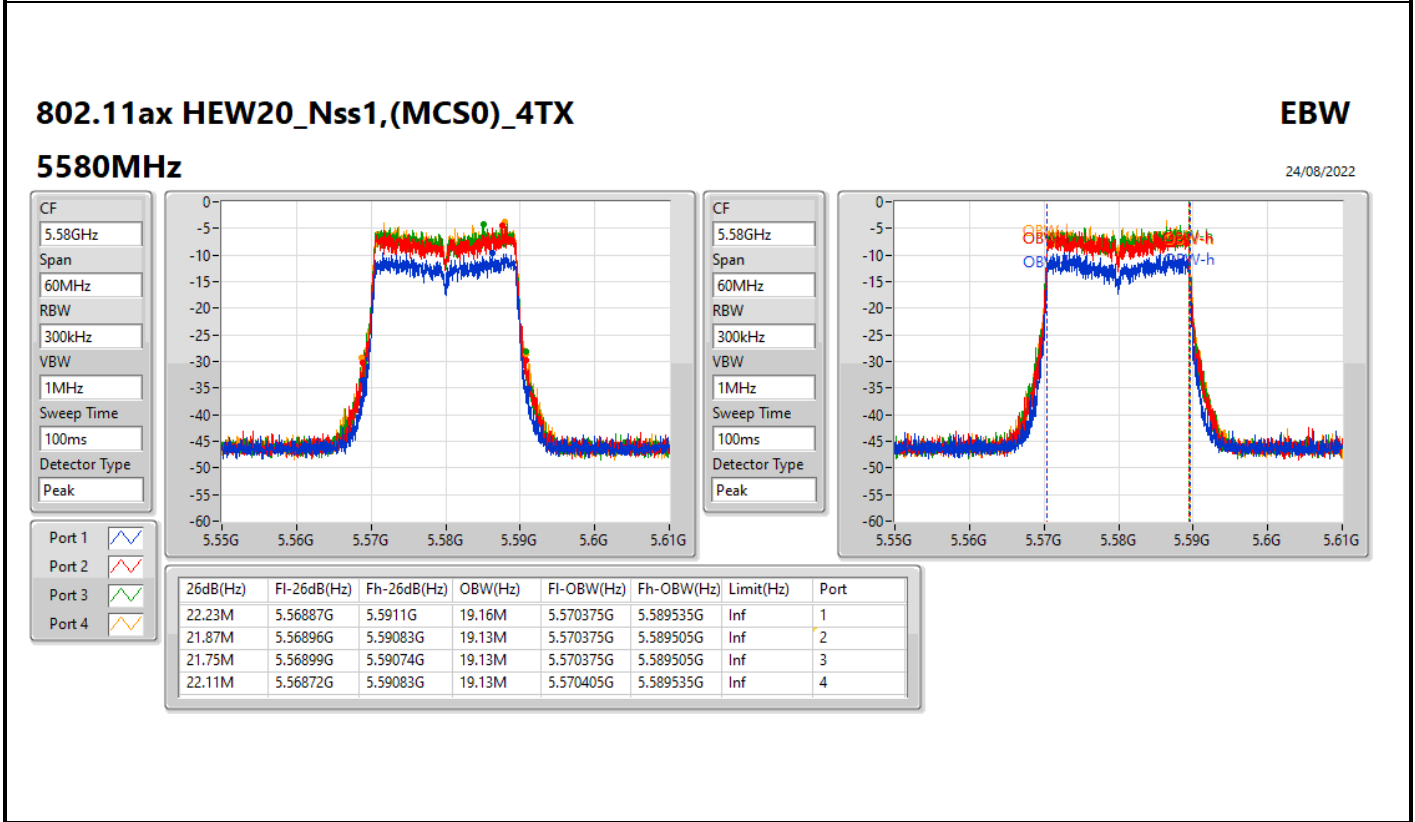
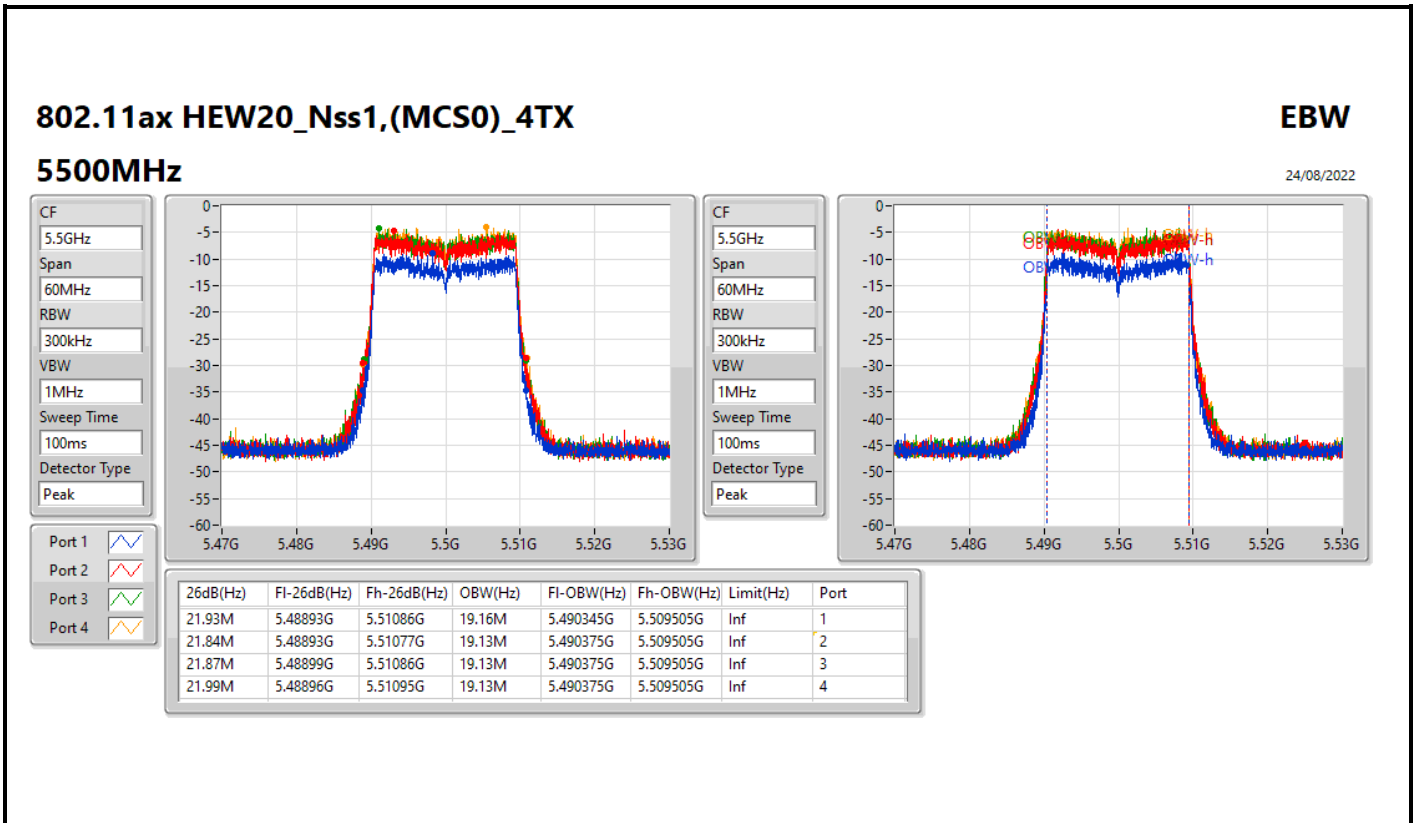


CF
5.32GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



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
22.02M	5.3089G	5.33092G	19.16M	5.310375G	5.329535G	Inf	1
21.87M	5.30905G	5.33092G	19.16M	5.310375G	5.329535G	Inf	2
21.75M	5.3089G	5.33065G	19.11M	5.310375G	5.329475G	Inf	3
21.66M	5.30914G	5.3308G	19.11M	5.310405G	5.329505G	Inf	4



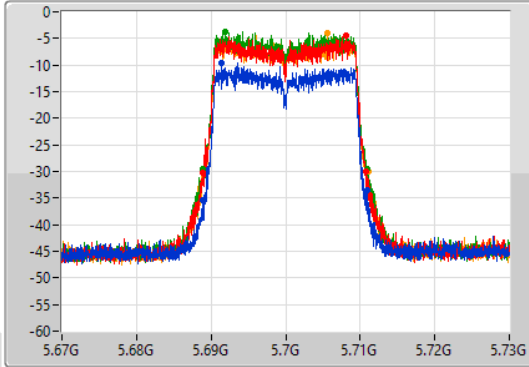
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

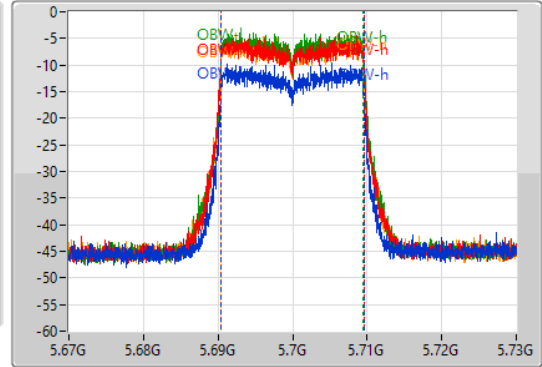
5700MHz

24/08/2022

CF
5.7GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.7GHz
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	5.68893G	5.71101G	19.16M	5.690375G	5.709535G	Inf	1
21.99M	5.68881G	5.7108G	19.16M	5.690375G	5.709535G	Inf	2
22.17M	5.68884G	5.71101G	19.1M	5.690405G	5.709505G	Inf	3
22.2M	5.68884G	5.71104G	19.16M	5.690345G	5.709505G	Inf	4

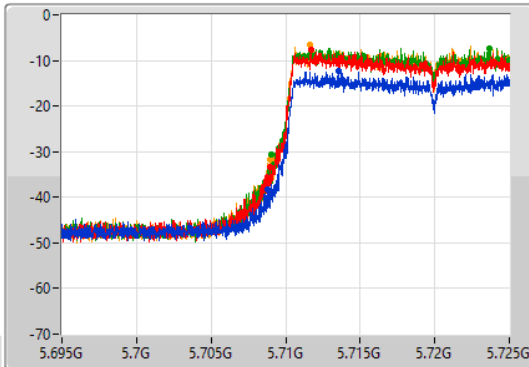
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

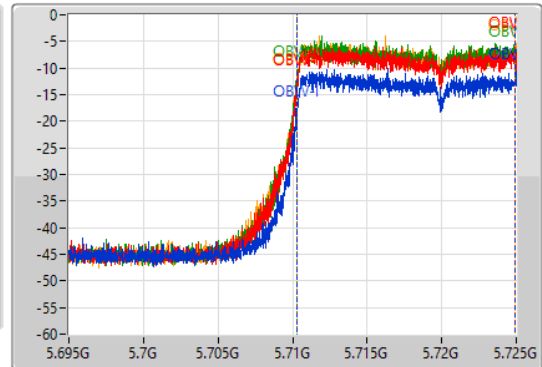
5720MHz Straddle 5.47-5.725GHz

24/08/2022

CF
5.71GHz
Span
30MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak

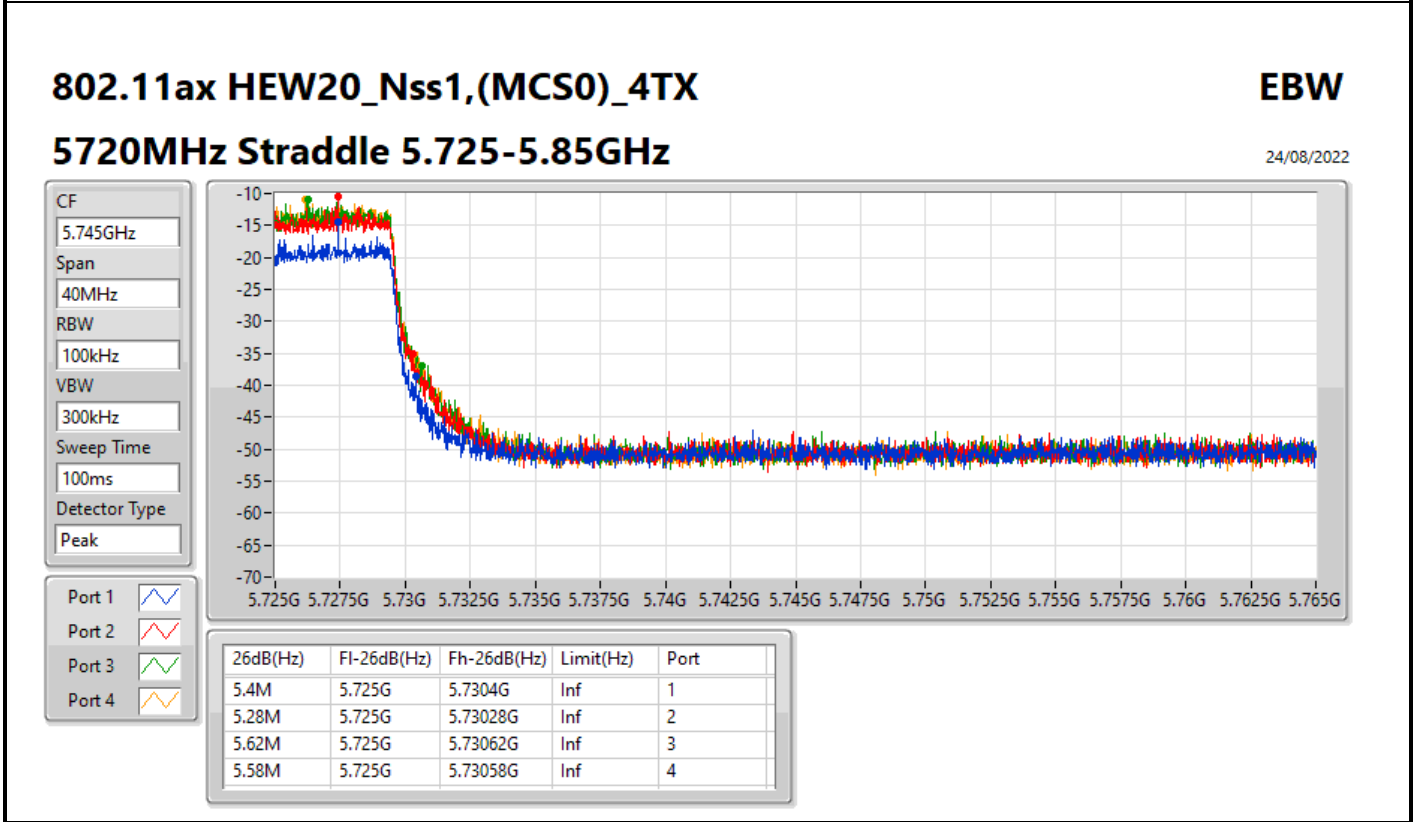
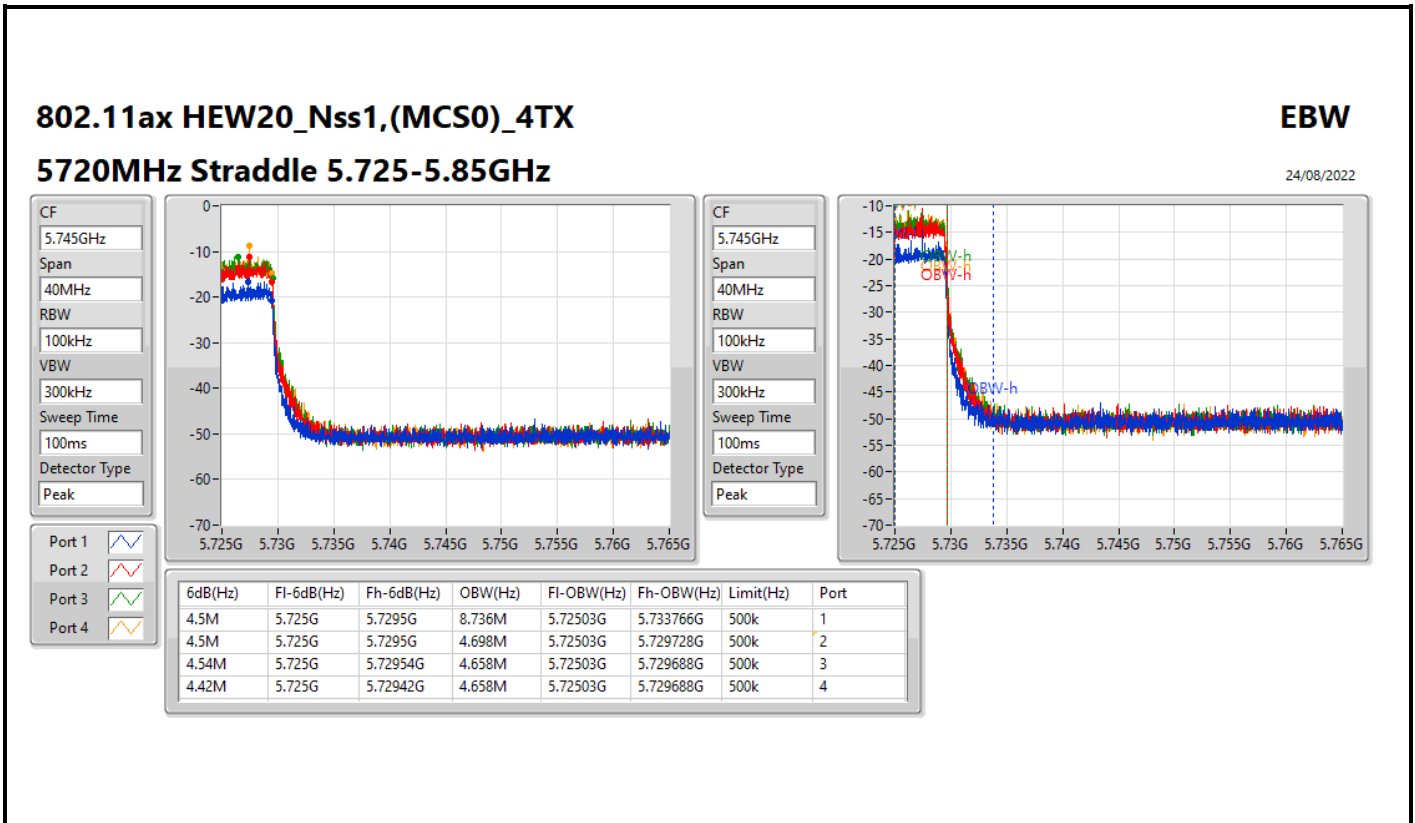


CF
5.71GHz
Span
30MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



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
16.185M	5.708815G	5.725G	14.648M	5.710285G	5.724933G	Inf	1
16.035M	5.708965G	5.725G	14.633M	5.7103G	5.724933G	Inf	2
15.975M	5.709025G	5.725G	14.633M	5.7103G	5.724933G	Inf	3
16.005M	5.708995G	5.725G	14.618M	5.71033G	5.724948G	Inf	4



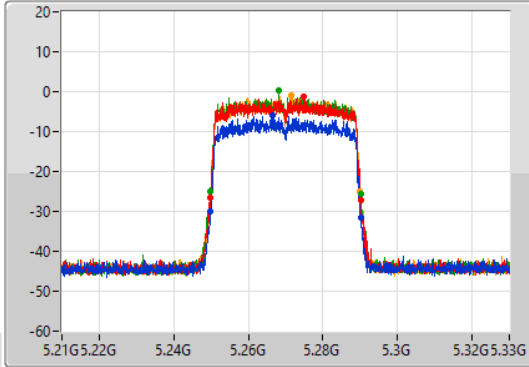
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

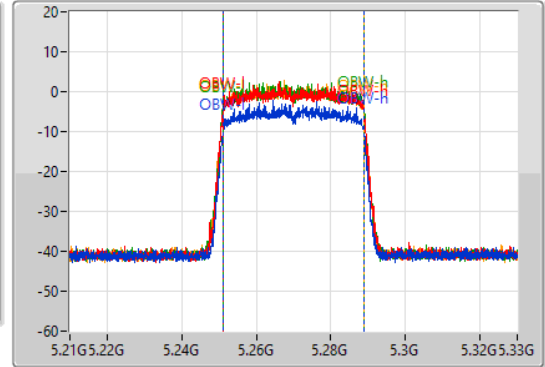
5270MHz

24/08/2022

CF
5.27GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.27GHz
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	5.24972G	5.2901G	37.841M	5.251049G	5.288891G	Inf	1
40.32M	5.24984G	5.29016G	37.781M	5.251049G	5.288831G	Inf	2
40.32M	5.24984G	5.29016G	37.841M	5.25099G	5.288831G	Inf	3
40.26M	5.24978G	5.29004G	37.841M	5.25099G	5.288831G	Inf	4

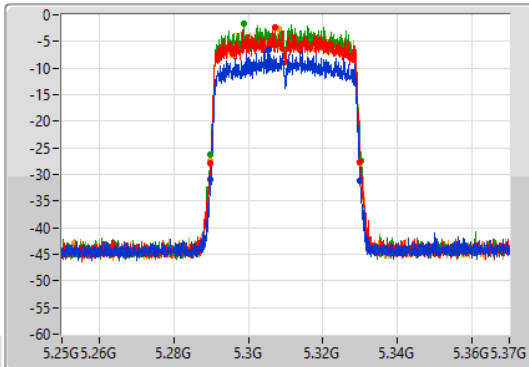
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

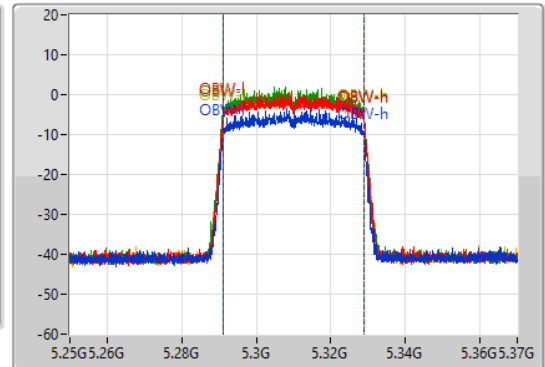
5310MHz

24/08/2022

CF
5.31GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak

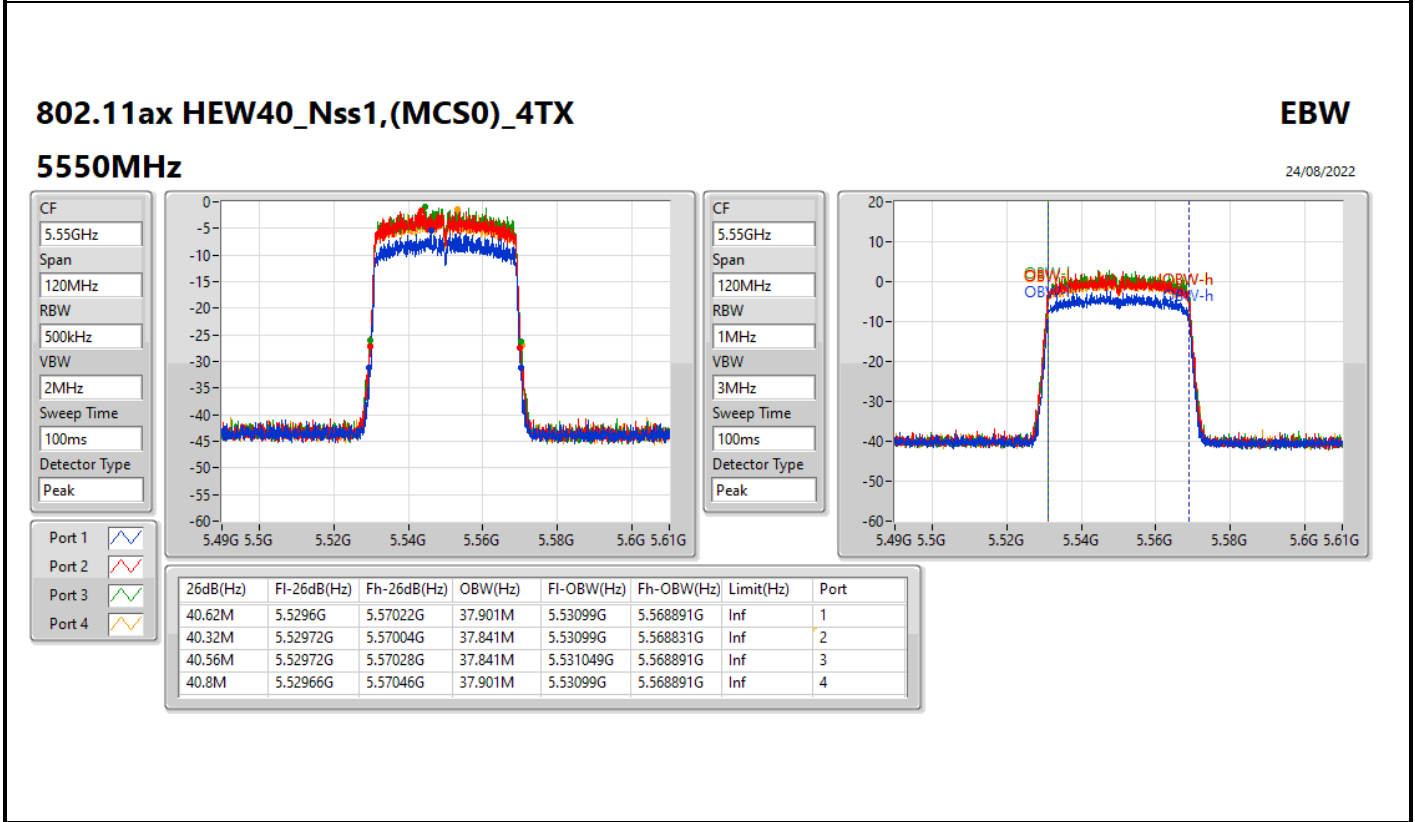
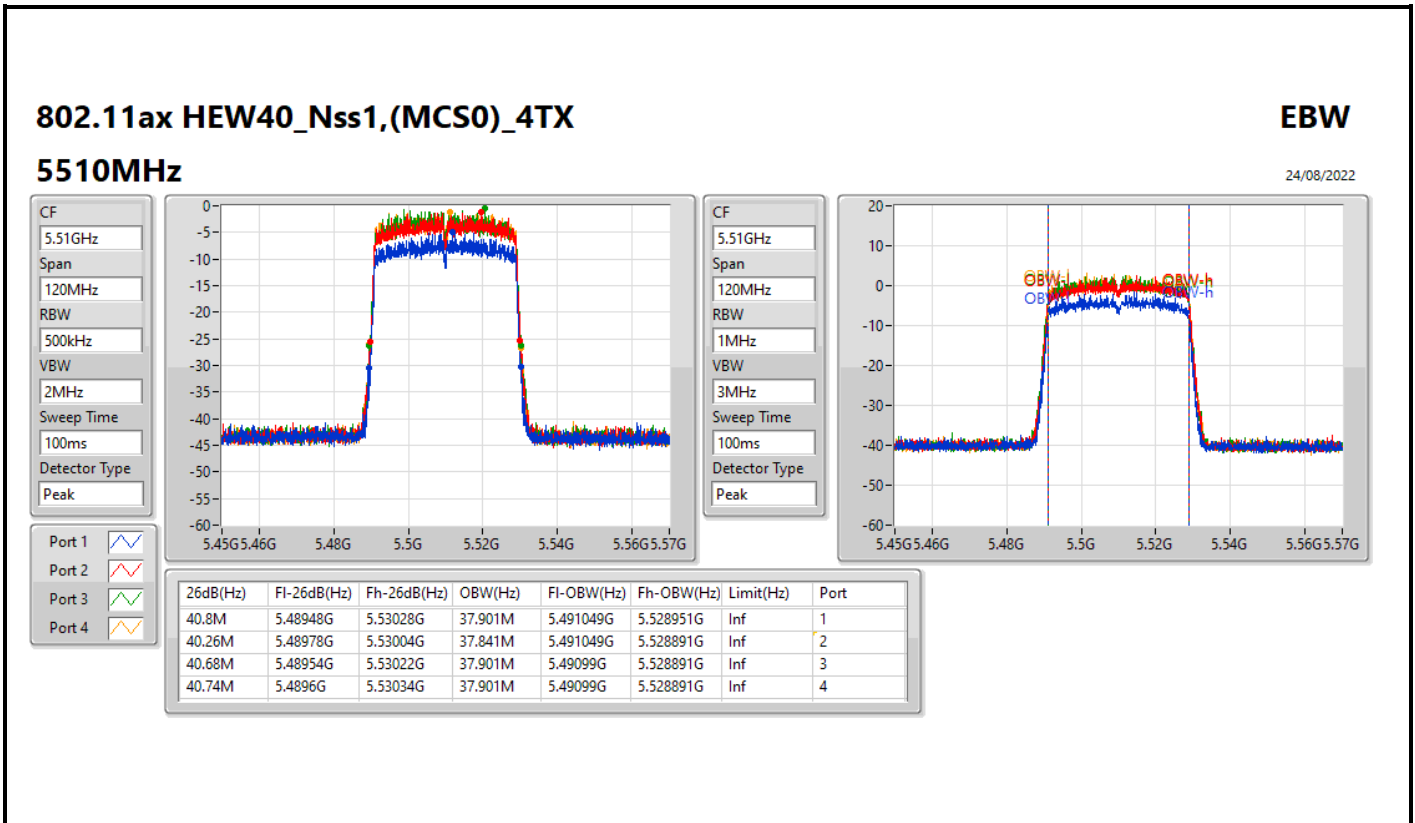


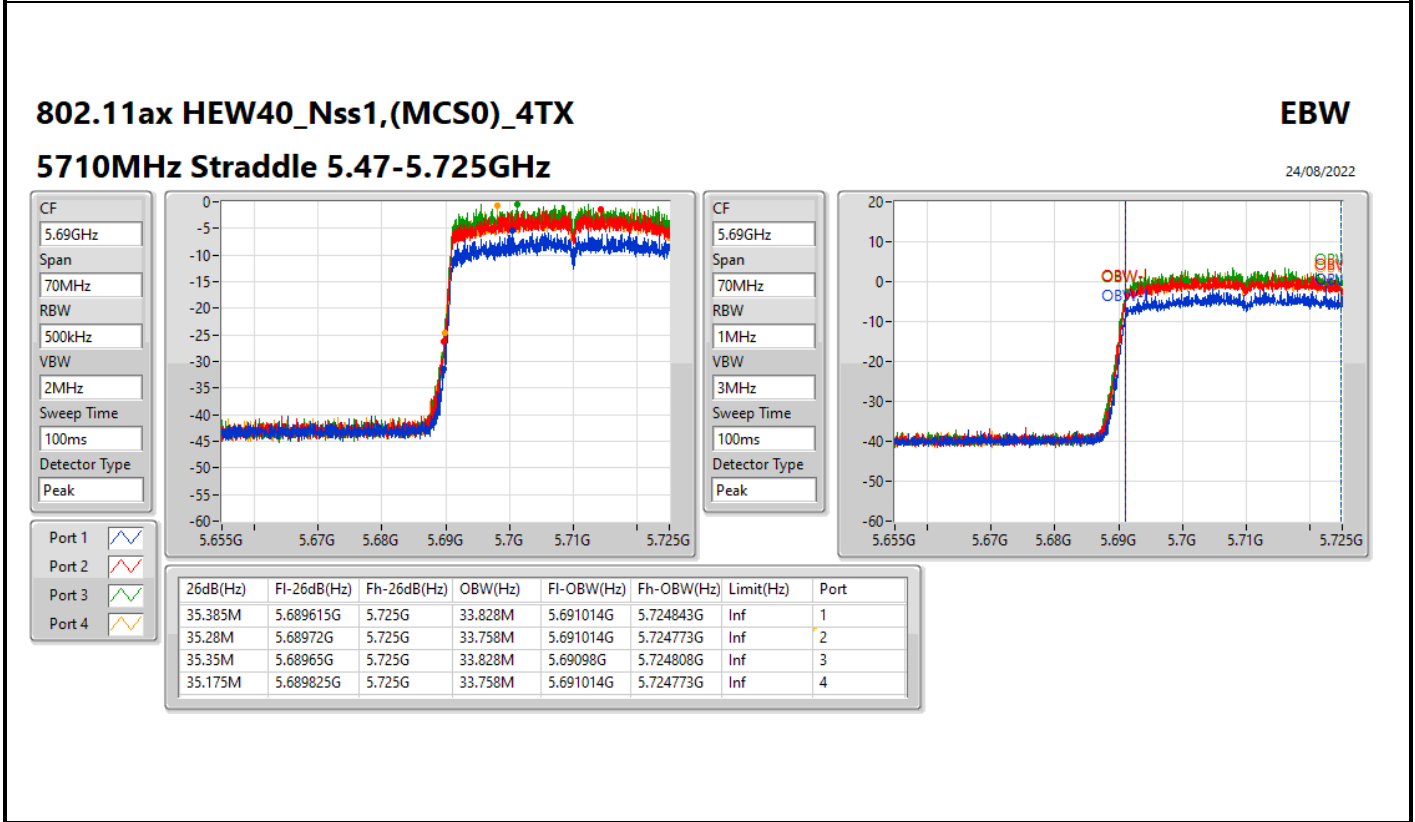
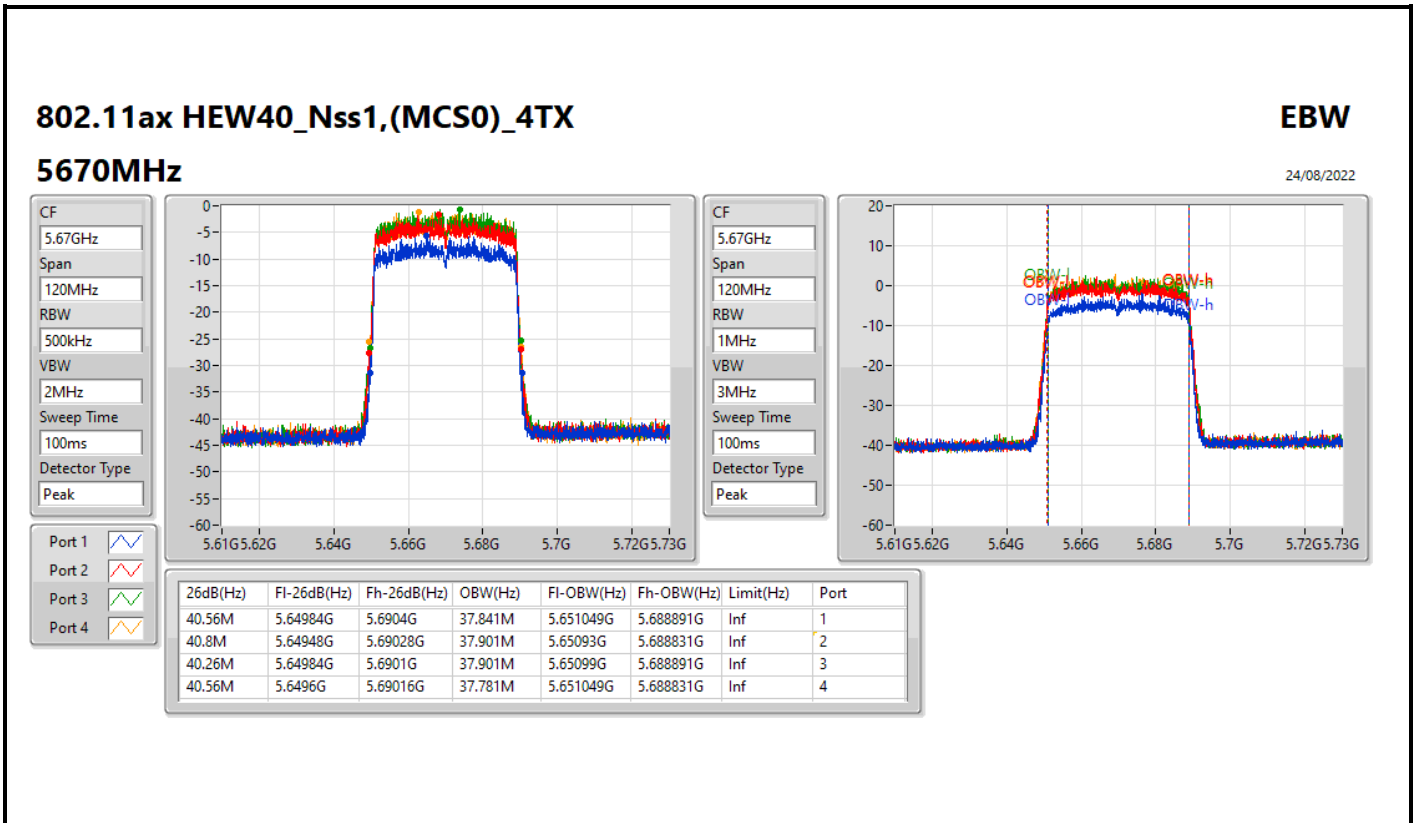
CF
5.31GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



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
40.26M	5.28978G	5.33004G	37.841M	5.291049G	5.328891G	Inf	1
40.38M	5.28966G	5.33004G	37.841M	5.291049G	5.328891G	Inf	2
40.38M	5.28984G	5.33022G	37.781M	5.291049G	5.328831G	Inf	3
40.2M	5.28984G	5.33004G	37.781M	5.291049G	5.328831G	Inf	4



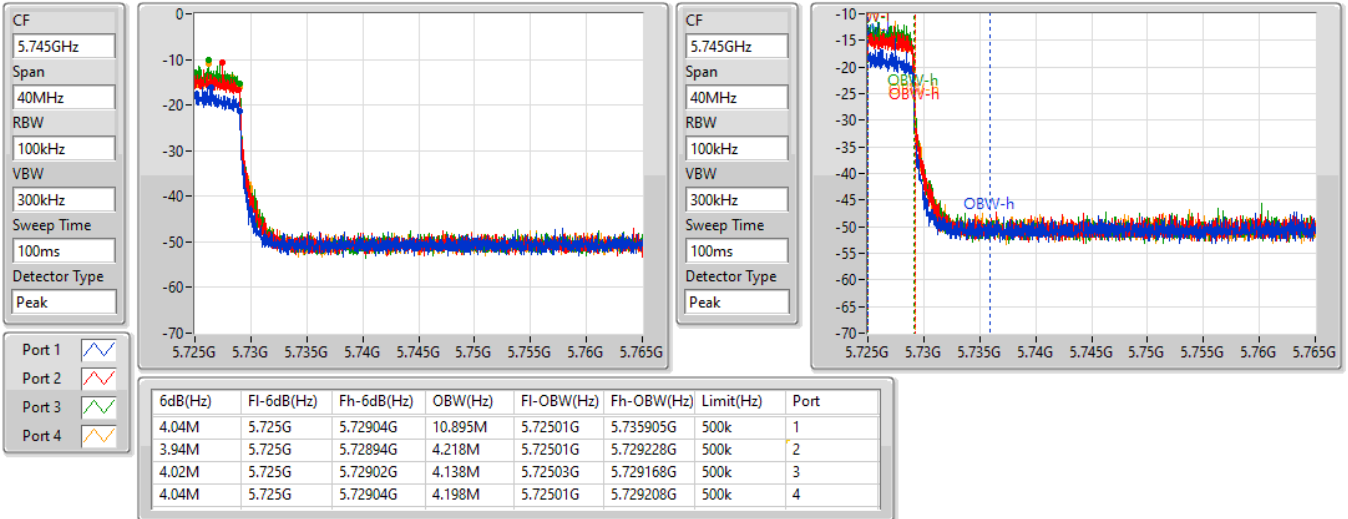


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

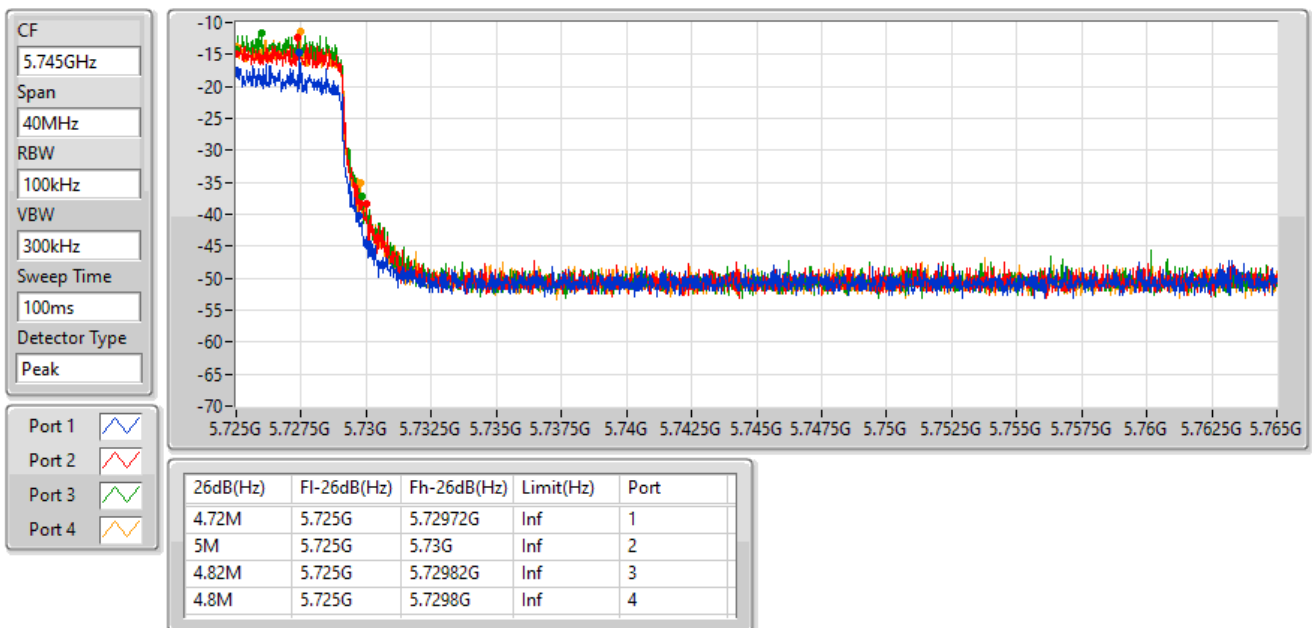


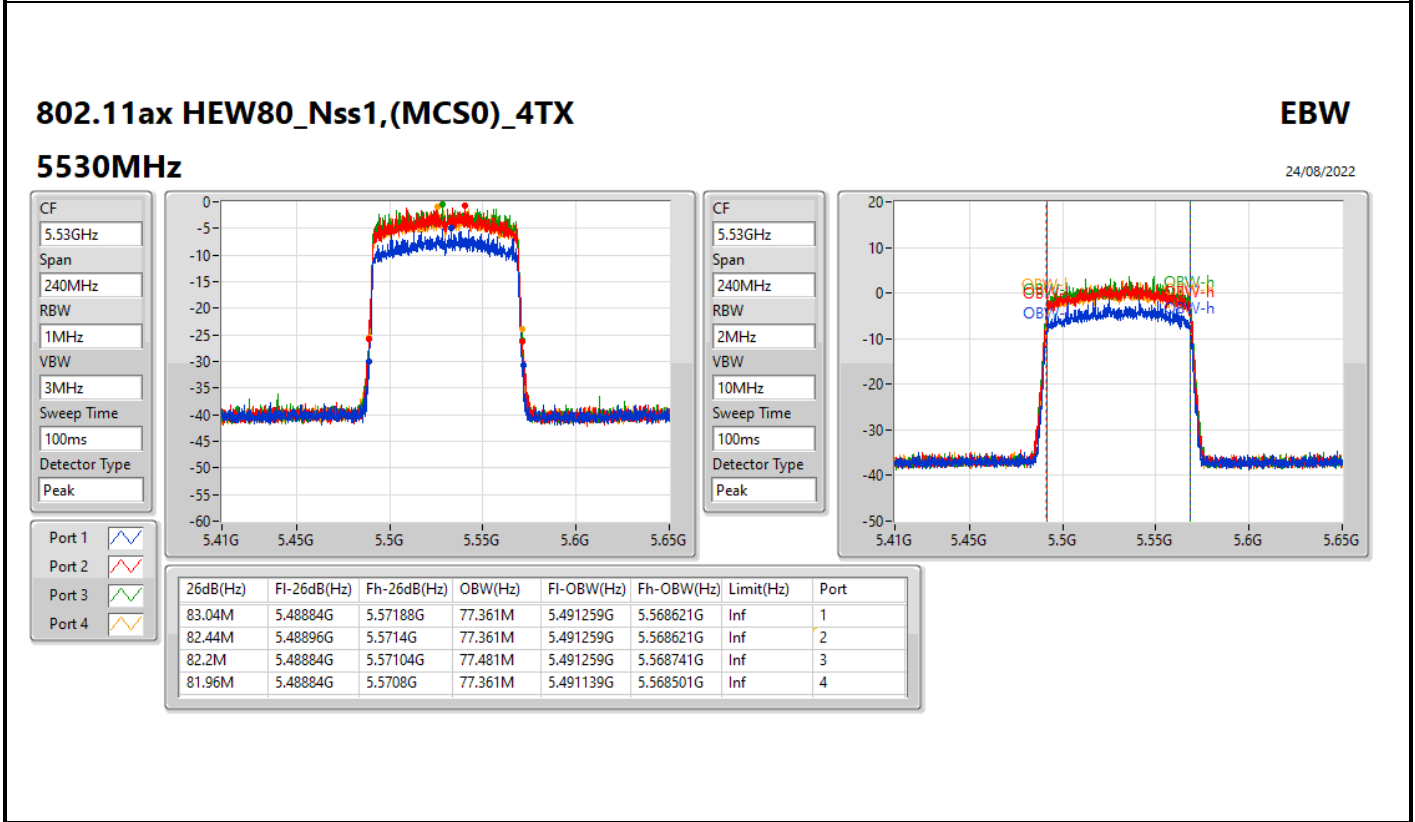
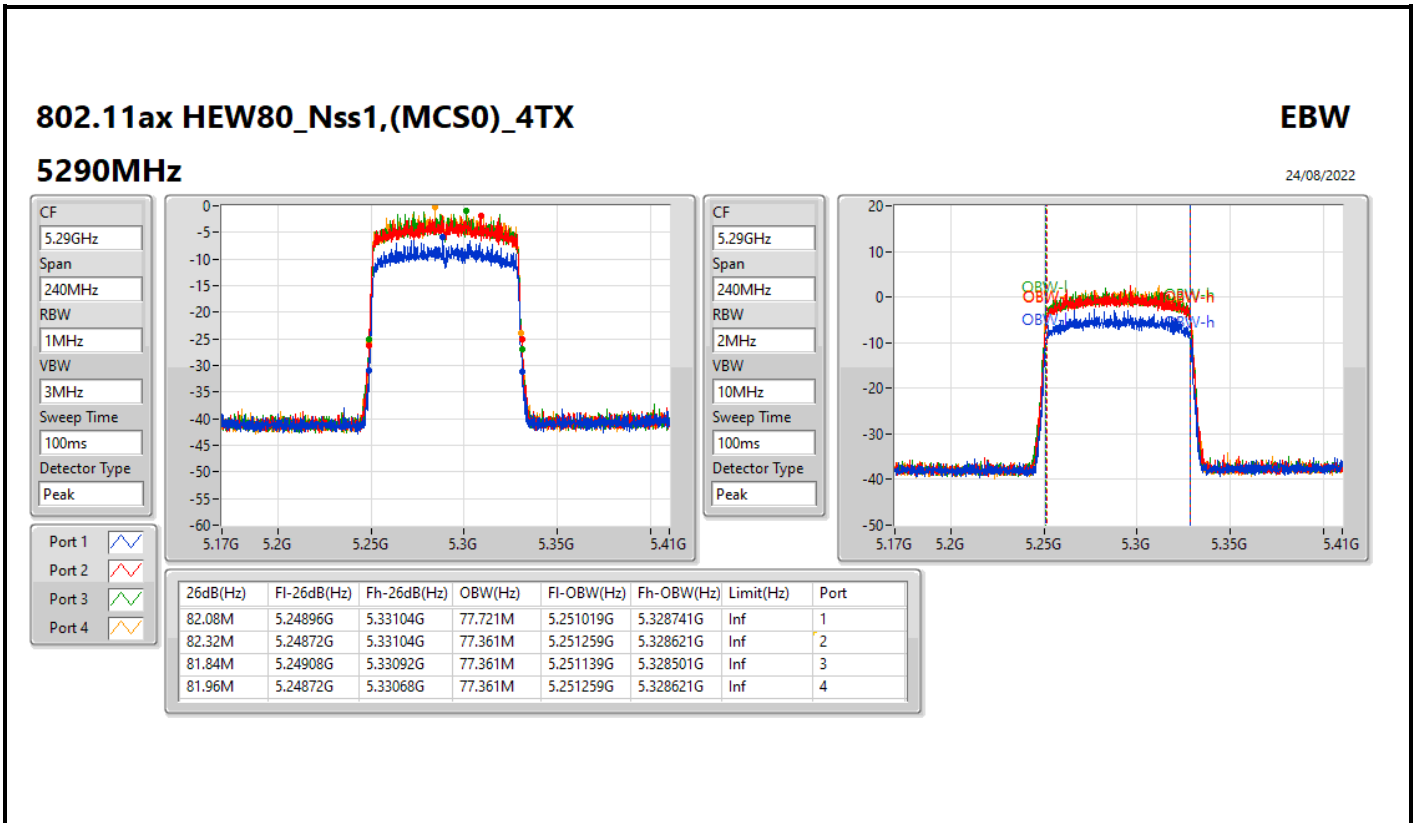
802.11ax HEW40_Nss1,(MCS0)_4TX

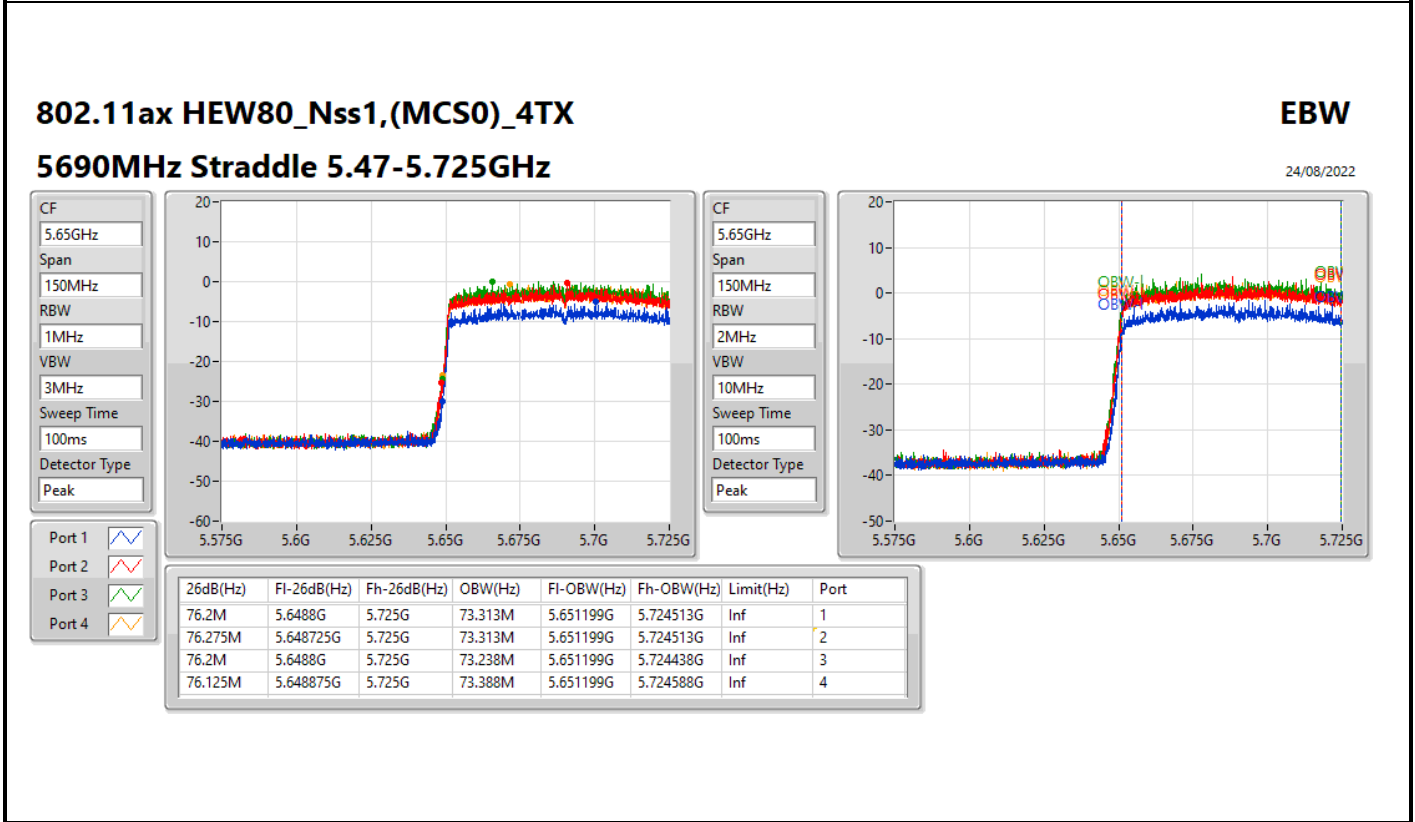
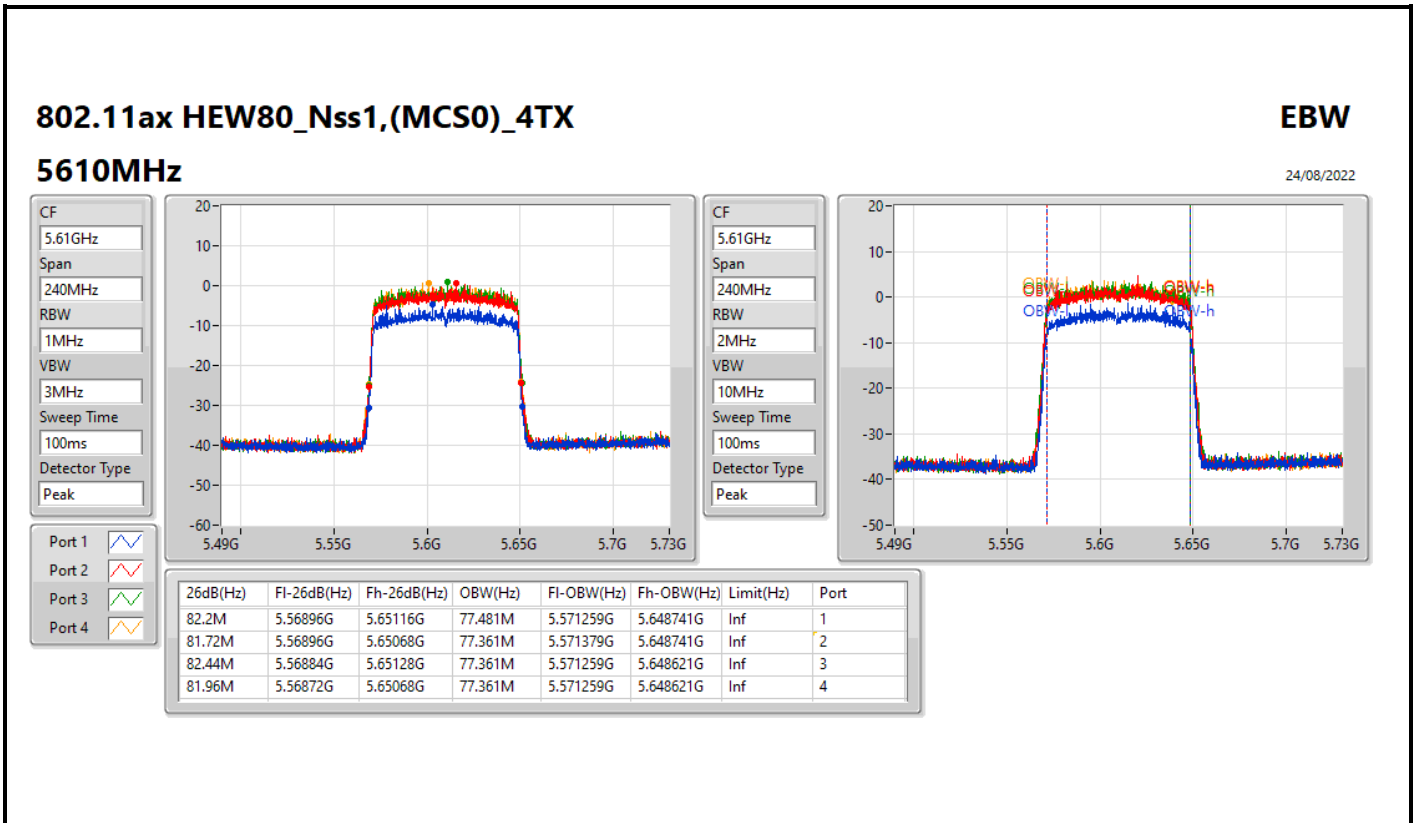
EBW

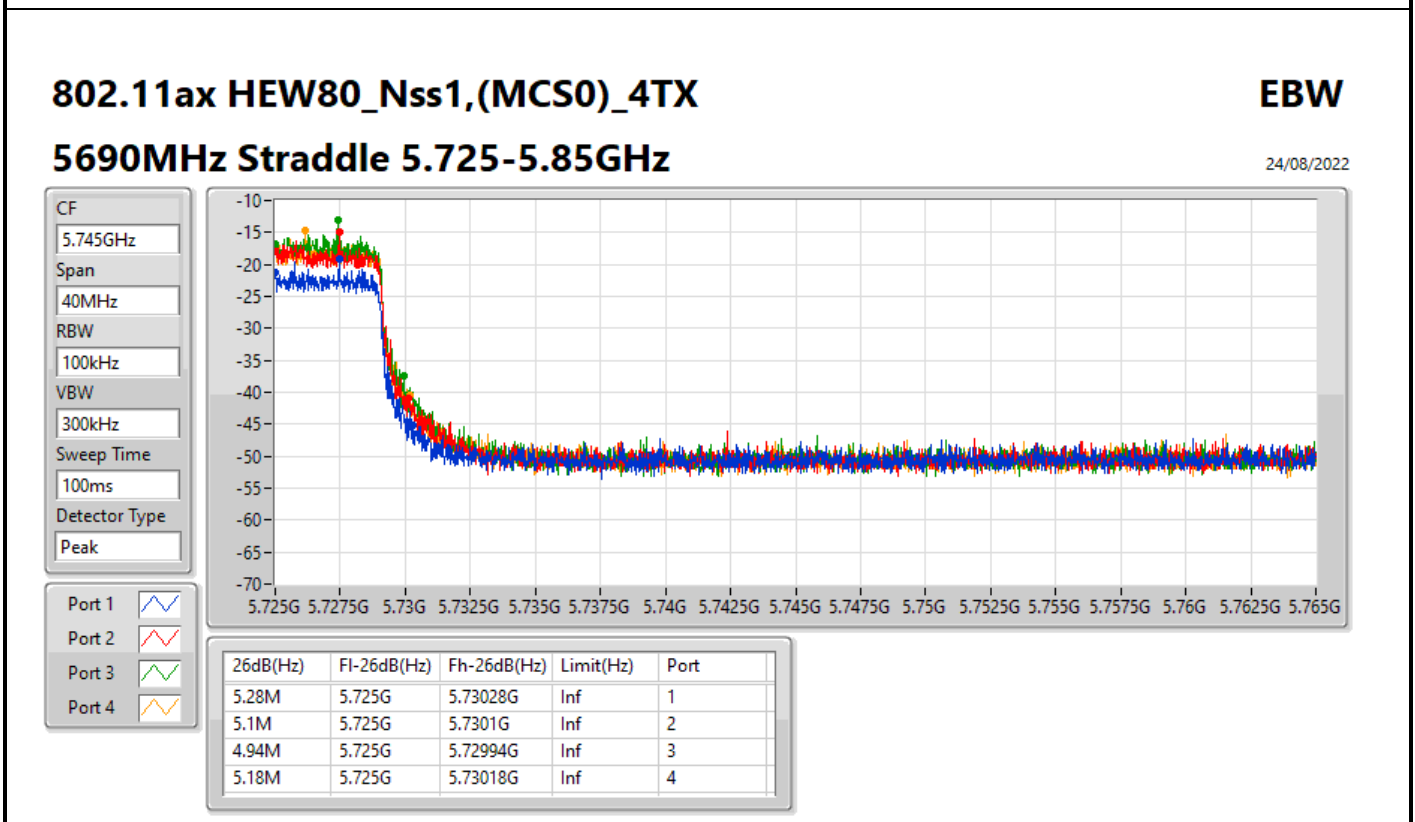
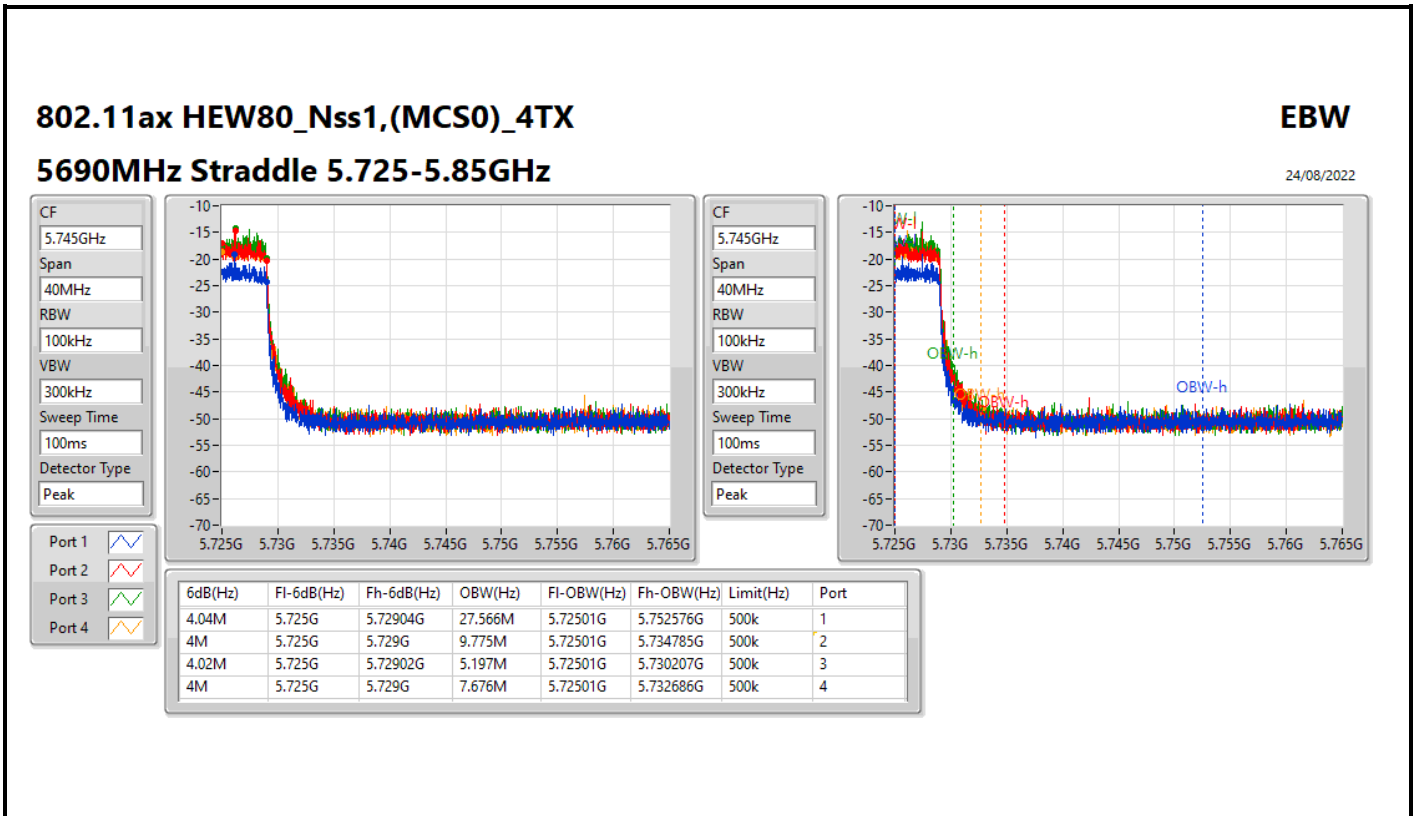
5710MHz Straddle 5.725-5.85GHz

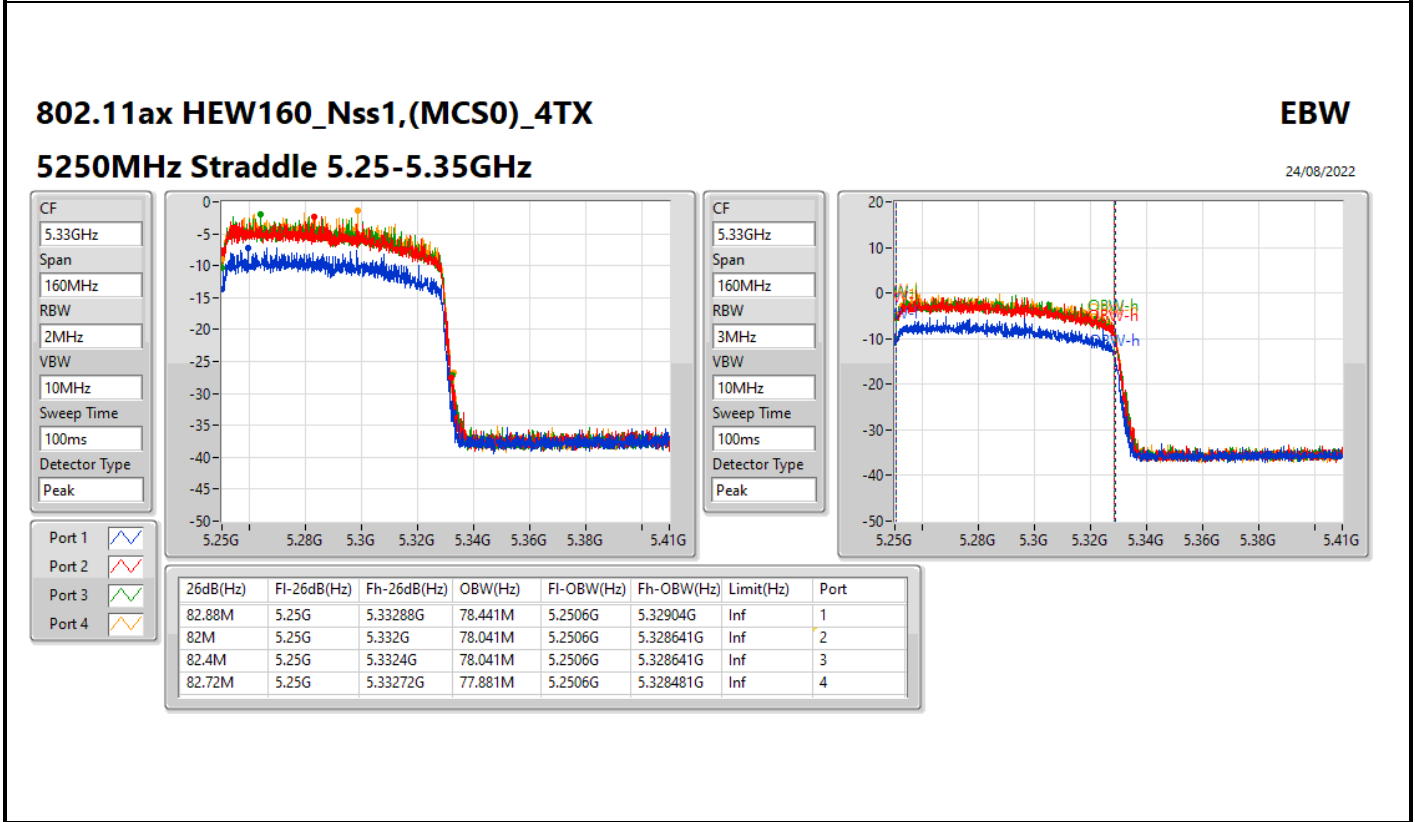
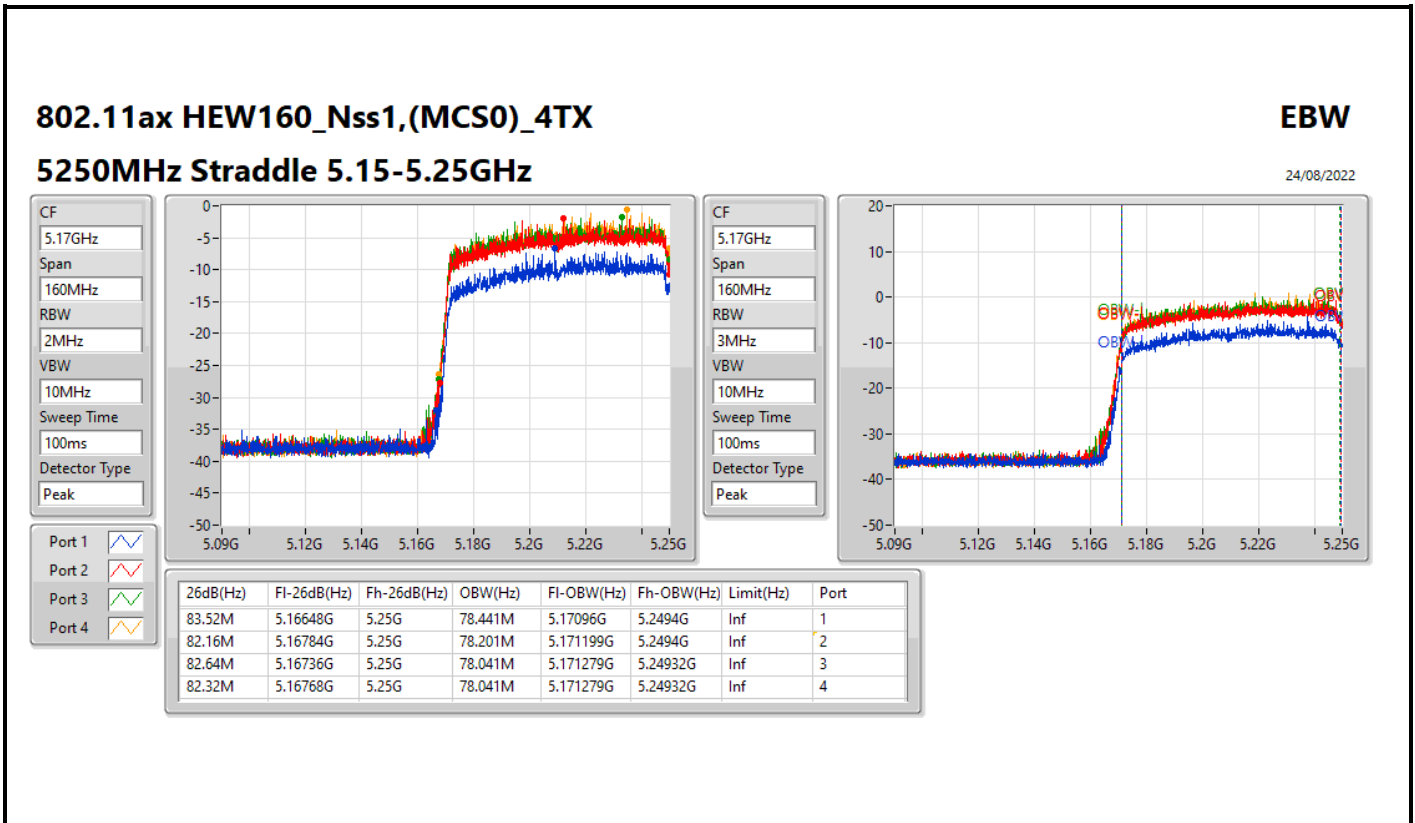
24/08/2022

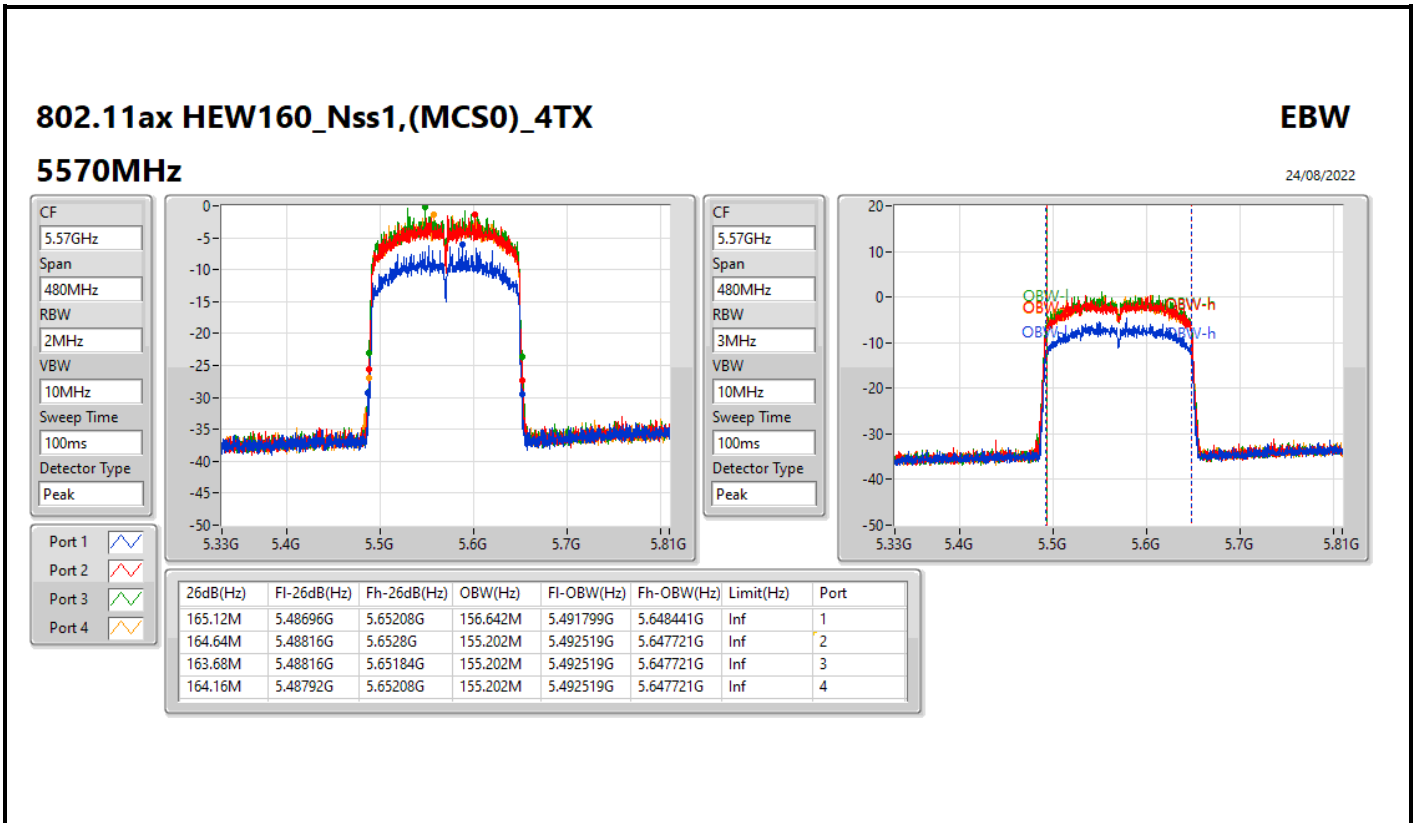














Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	82.96M	78.121M	78M2D1D	82.96M	78.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.82M	16.672M	16M7D1D	20.52M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.11M	19.16M	19M2D1D	21.93M	19.13M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.5M	37.841M	37M9D1D	40.44M	37.841M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.241M	77M3D1D	82.32M	77.241M
802.11ax HEW160_Nss1,(MCS0)_1TX	82.56M	77.721M	77M8D1D	82.56M	77.721M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.79M	16.672M	16M7D1D	15.315M	13.448M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.05M	19.16M	19M2D1D	16.665M	14.633M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.68M	37.901M	38MOD1D	35.35M	33.828M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.68M	77.361M	77M4D1D	76.35M	73.538M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.88M	154.483M	154MD1D	164.88M	154.483M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.578M	3M58D1D	3.1M	3.578M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.52M	4.638M	4M64D1D	4.52M	4.638M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.92M	4.178M	4M18D1D	3.92M	4.178M
802.11ax HEW80_Nss1,(MCS0)_1TX	4.04M	5.717M	5M72D1D	4.04M	5.717M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.82M	16.672M
5300MHz	Pass	Inf	20.67M	16.672M
5320MHz	Pass	Inf	20.52M	16.672M
5500MHz	Pass	Inf	20.31M	16.642M
5580MHz	Pass	Inf	20.43M	16.672M
5700MHz	Pass	Inf	20.79M	16.672M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.315M	13.448M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.578M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	21.93M	19.13M
5300MHz	Pass	Inf	21.96M	19.16M
5320MHz	Pass	Inf	22.11M	19.16M
5500MHz	Pass	Inf	21.96M	19.1M
5580MHz	Pass	Inf	22.05M	19.13M
5700MHz	Pass	Inf	21.99M	19.16M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.665M	14.633M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.638M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	40.44M	37.841M
5310MHz	Pass	Inf	40.5M	37.841M
5510MHz	Pass	Inf	40.5M	37.841M
5550MHz	Pass	Inf	40.5M	37.781M
5670MHz	Pass	Inf	40.68M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.178M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.241M
5530MHz	Pass	Inf	82.68M	77.241M
5610MHz	Pass	Inf	82.2M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	5.717M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.96M	78.121M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	77.721M
5570MHz	Pass	Inf	164.88M	154.483M

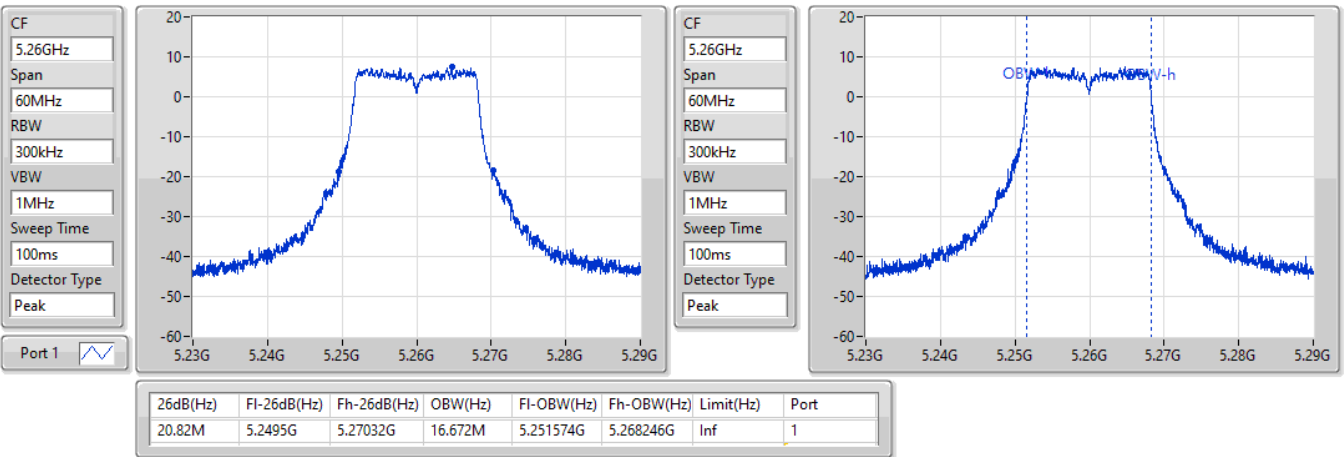
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

18/08/2022

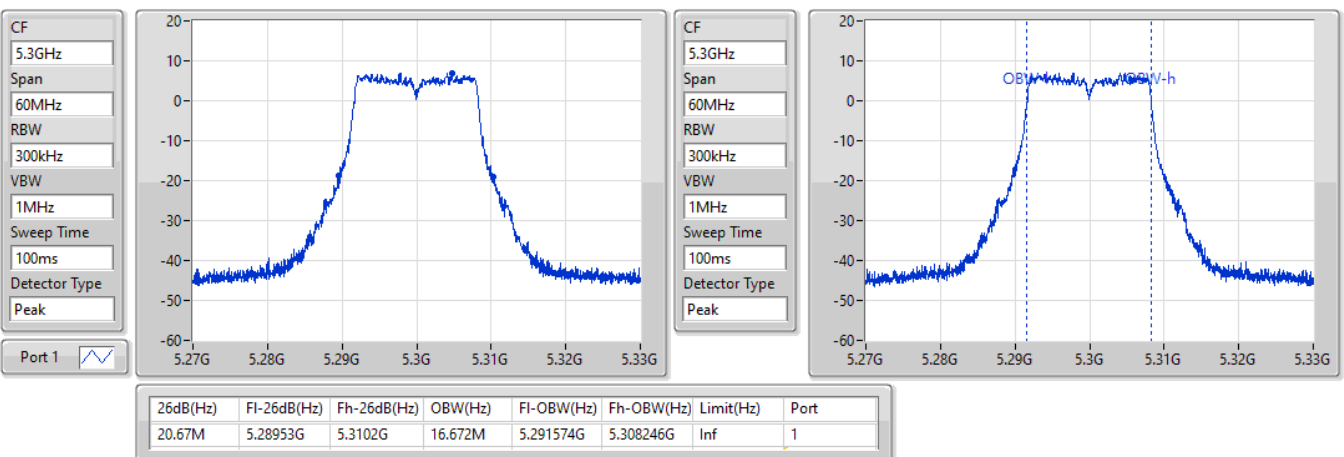


802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

18/08/2022

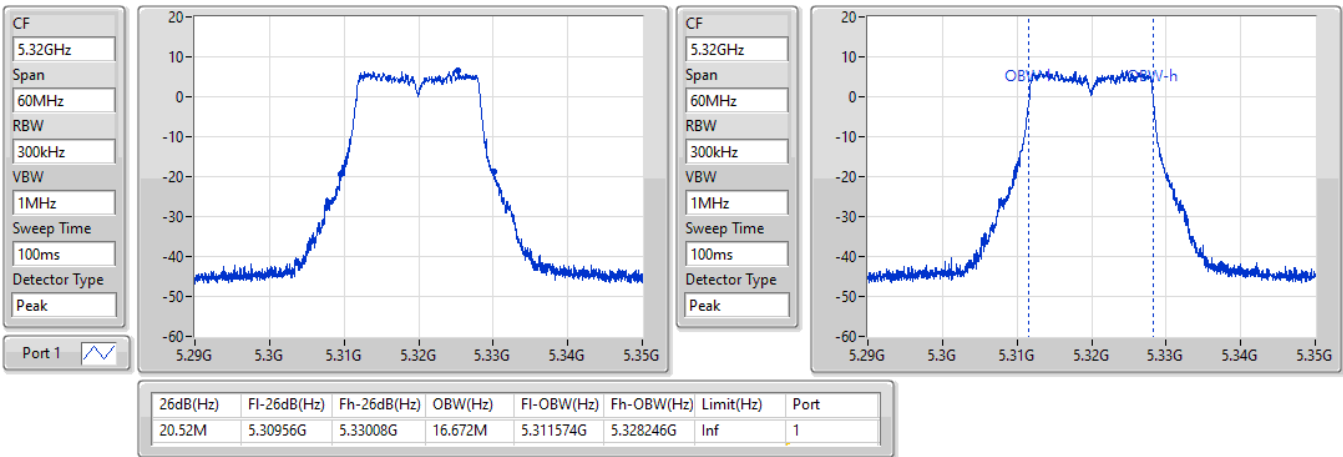


802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

18/08/2022

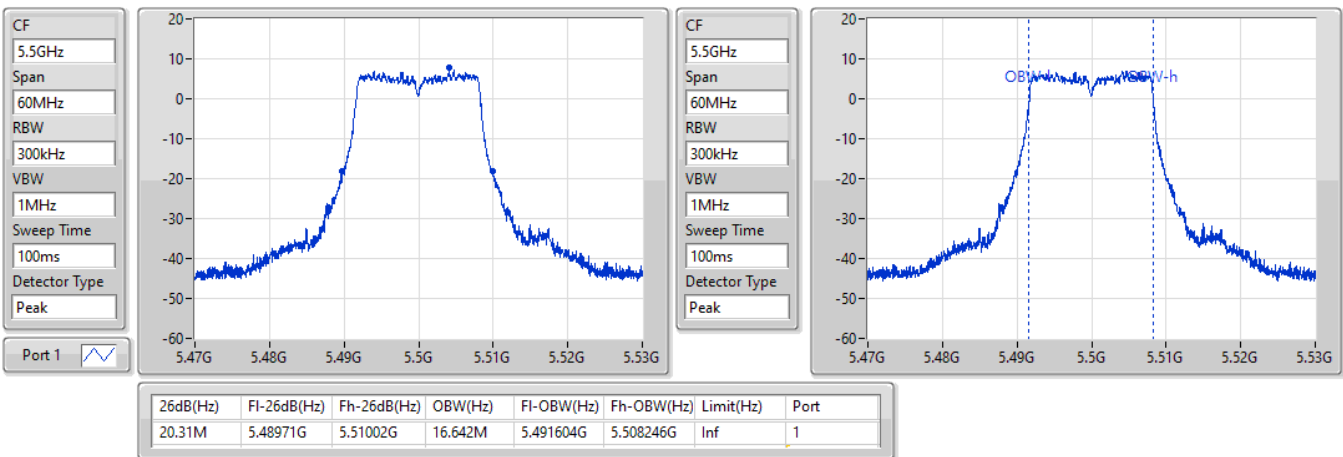


802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

18/08/2022

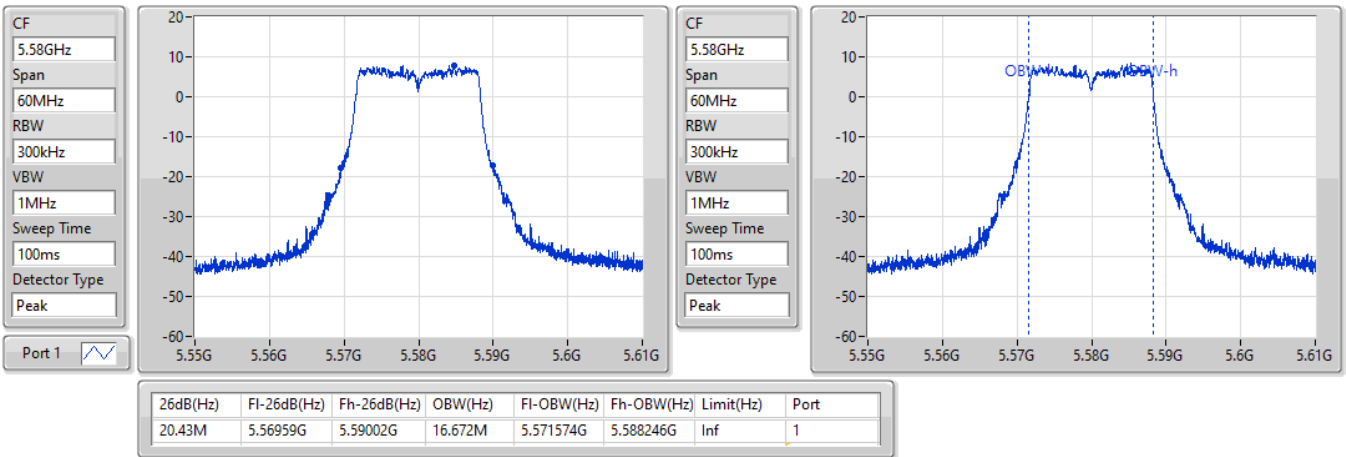


802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

18/08/2022

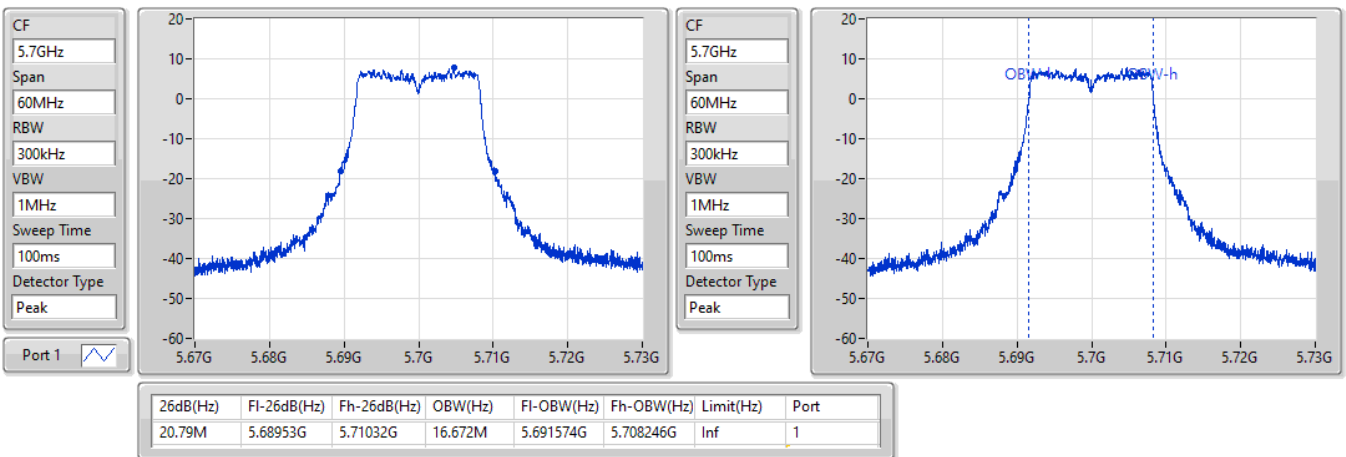


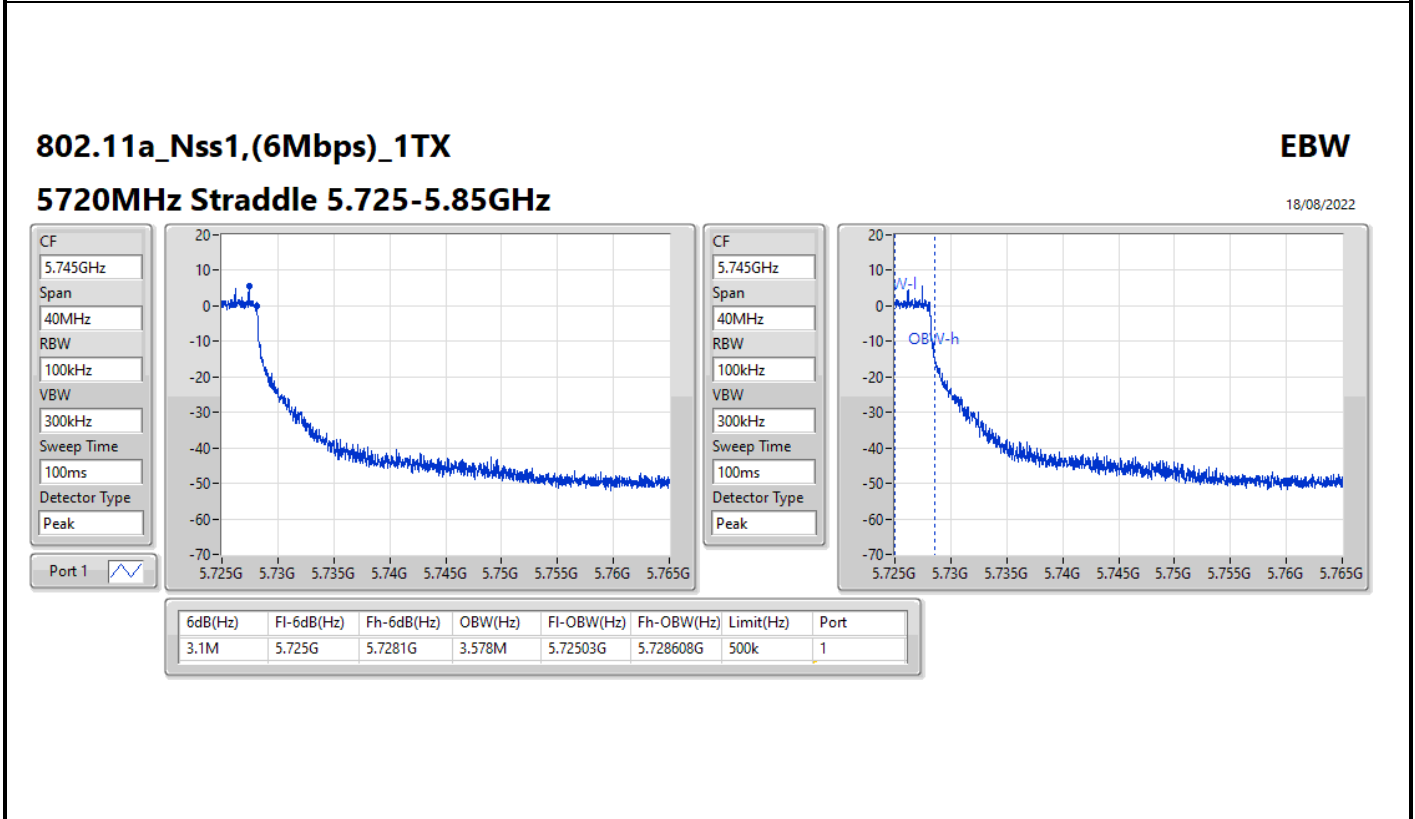
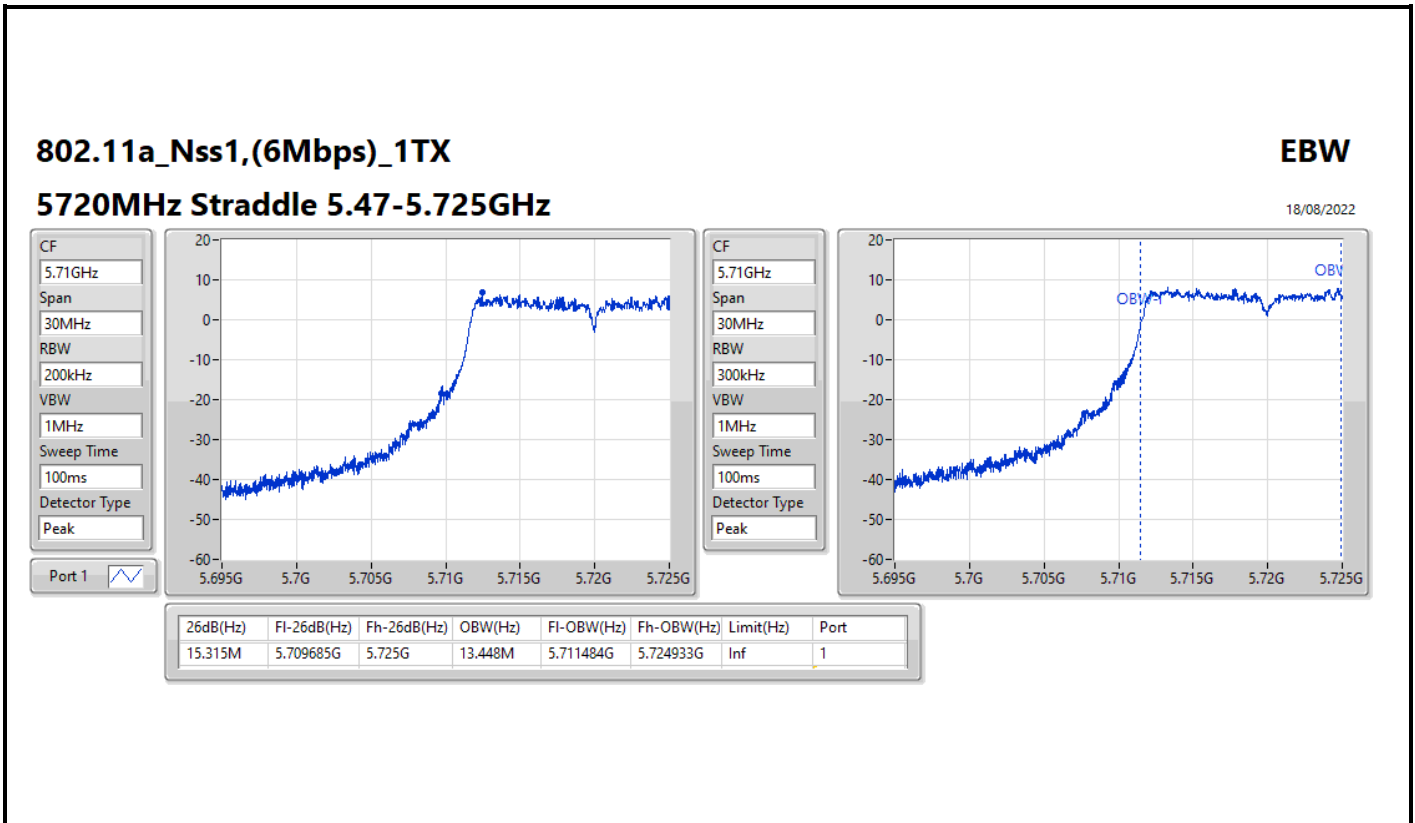
802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

18/08/2022



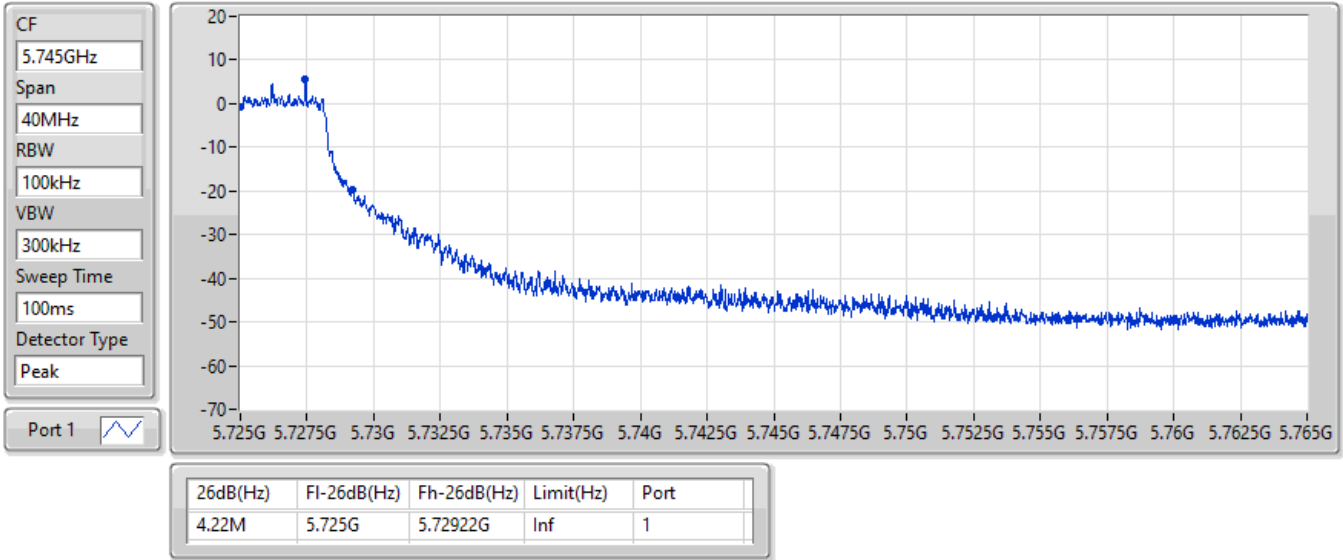


802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/08/2022

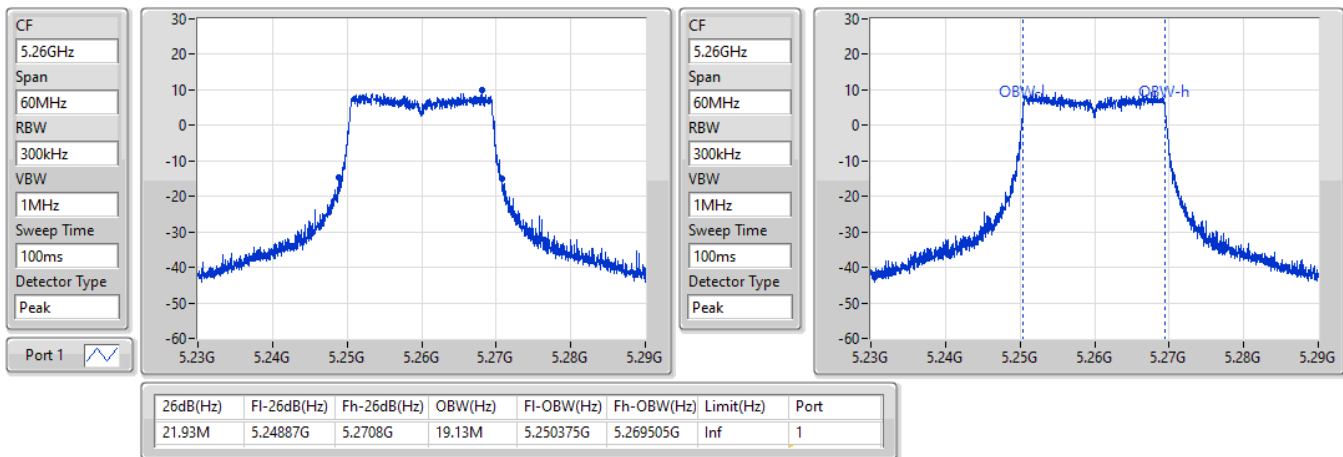


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

18/08/2022

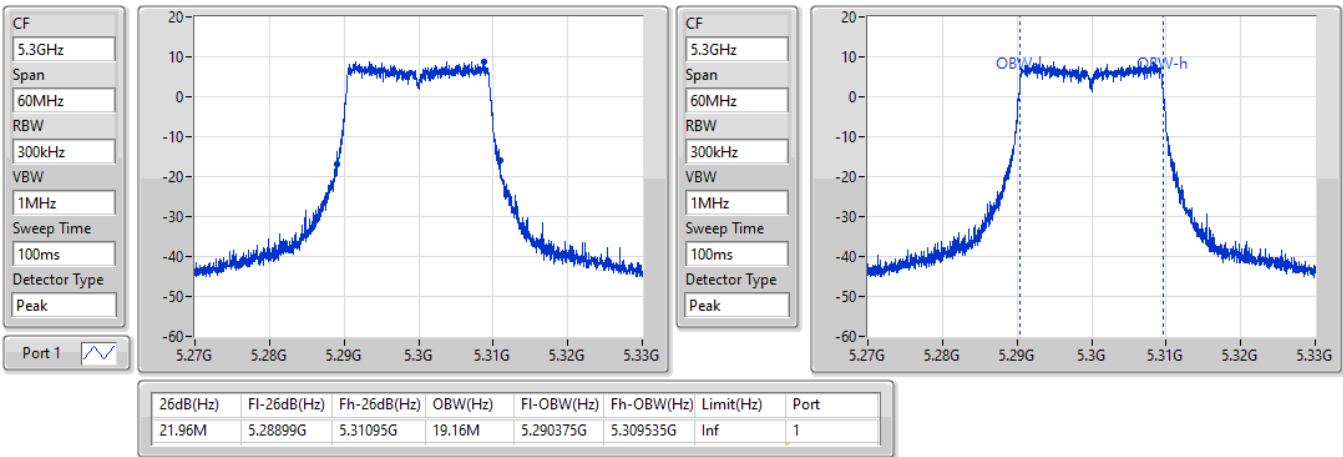


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

18/08/2022

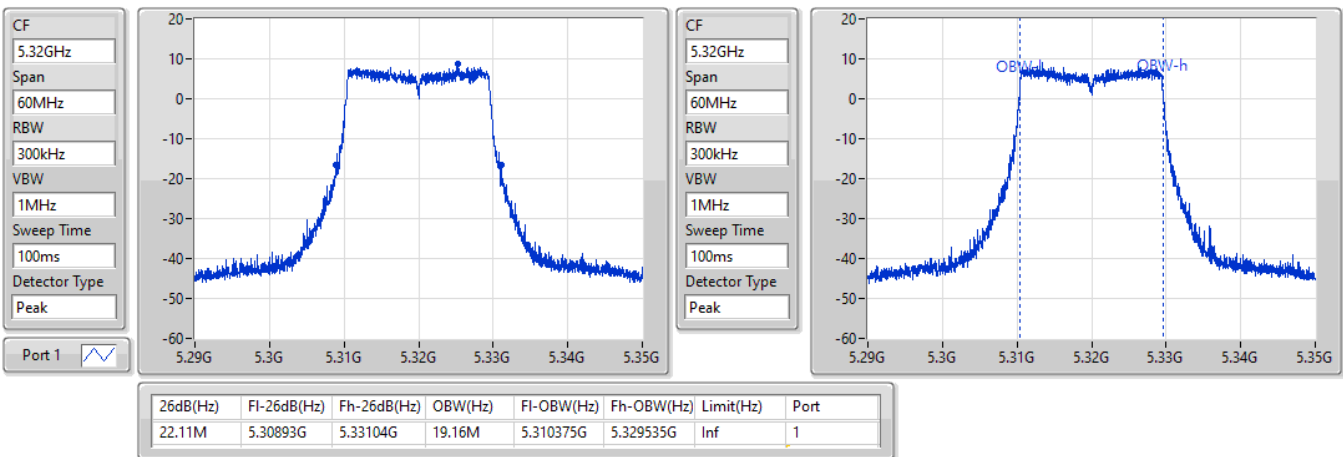


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

18/08/2022



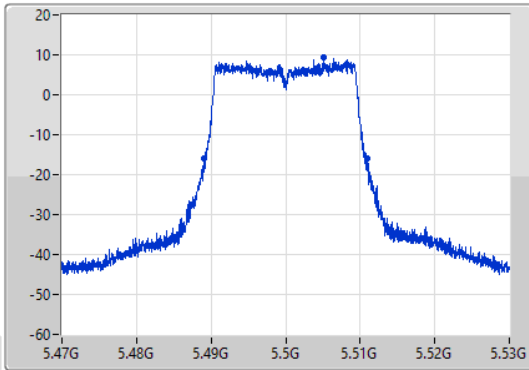
802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

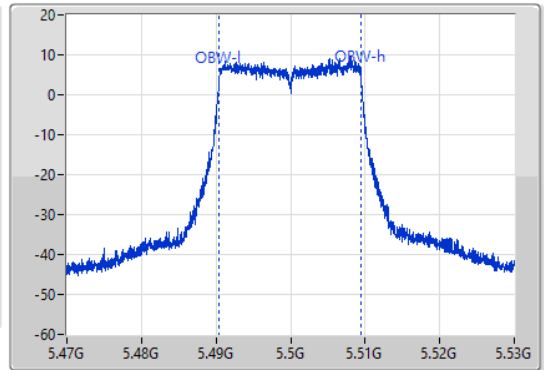
5500MHz

18/08/2022

CF
5.5GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.5GHz
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
21.96M	5.48905G	5.51101G	19.1M	5.490405G	5.509505G	Inf	1

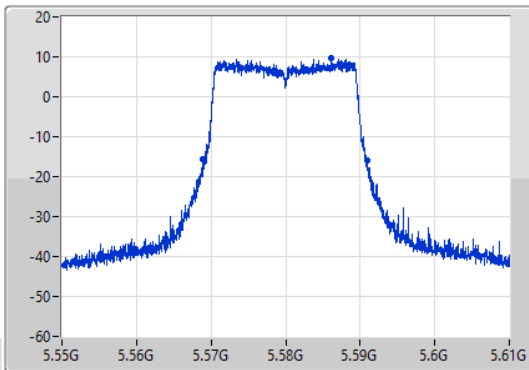
802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

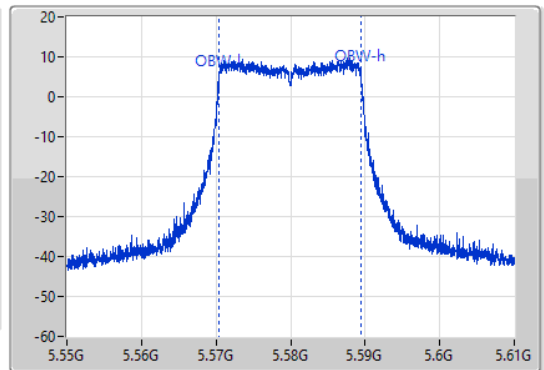
5580MHz

18/08/2022

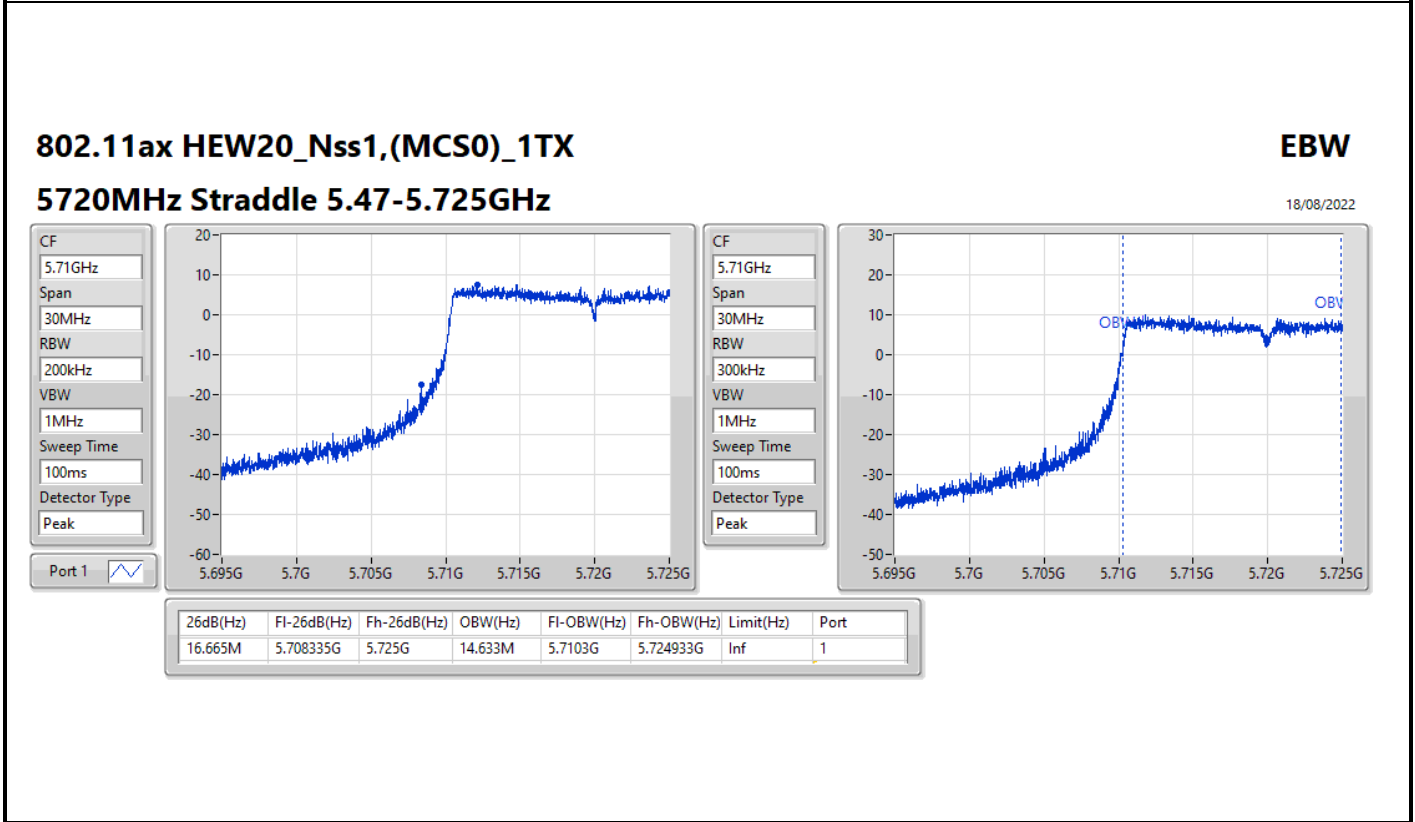
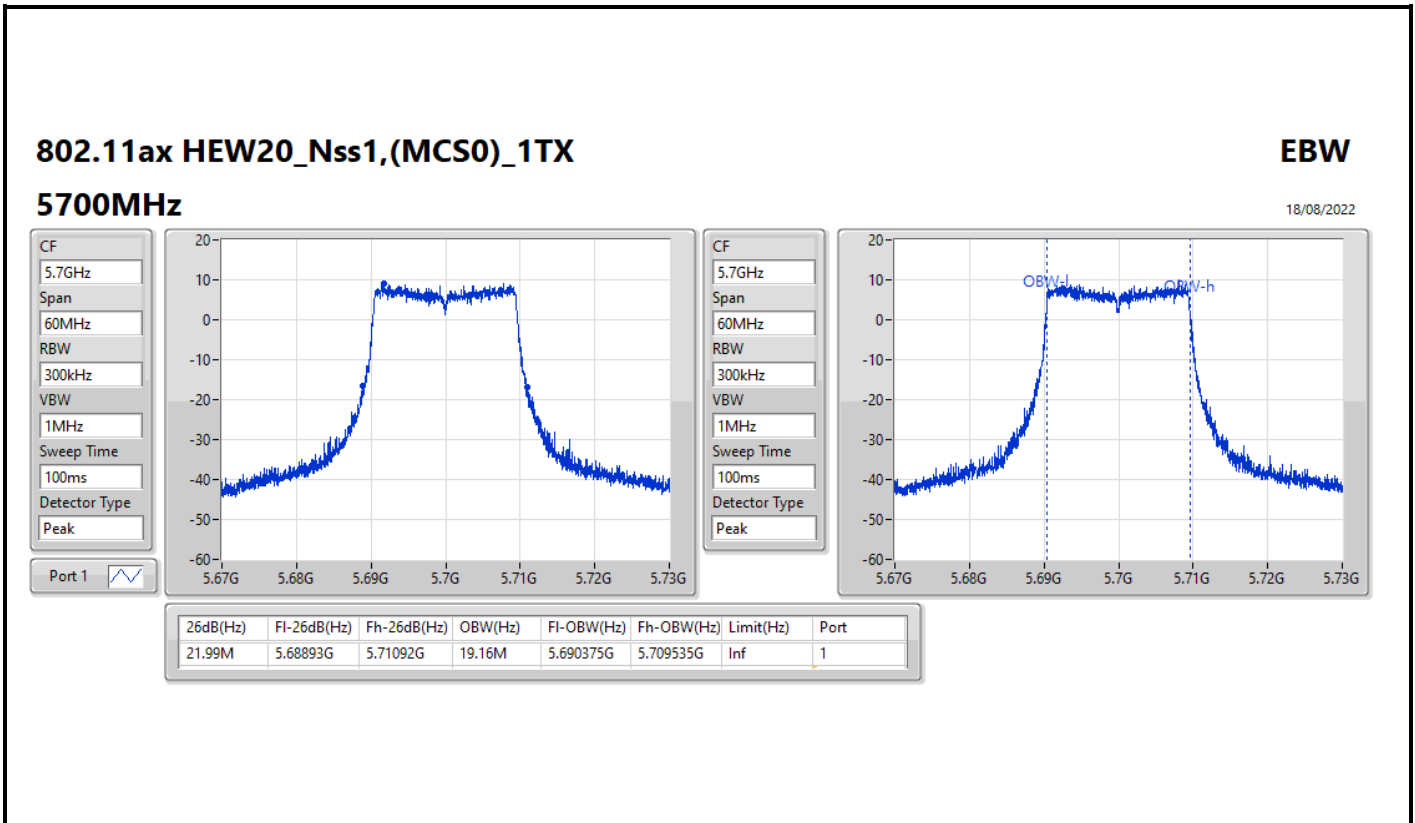
CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1

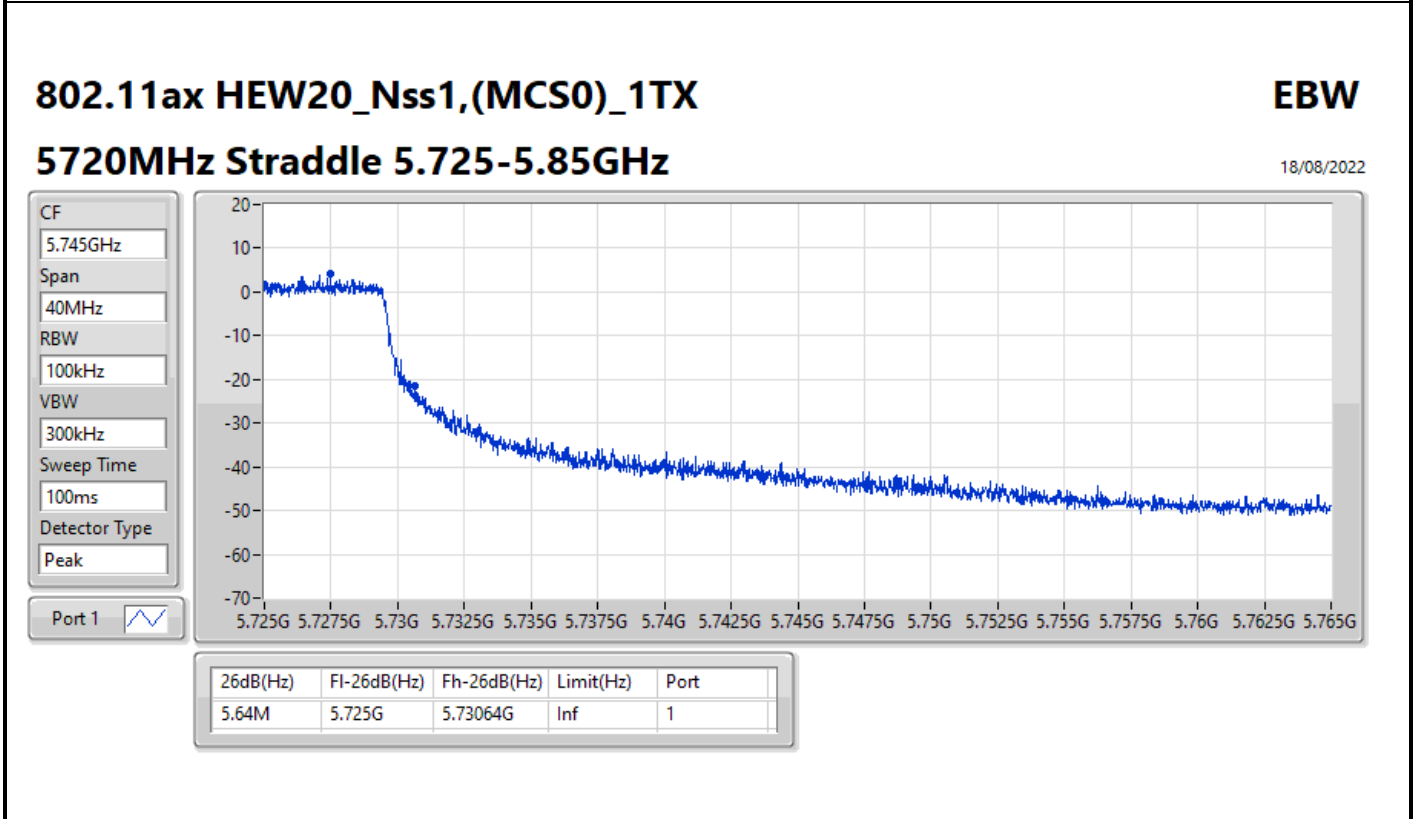
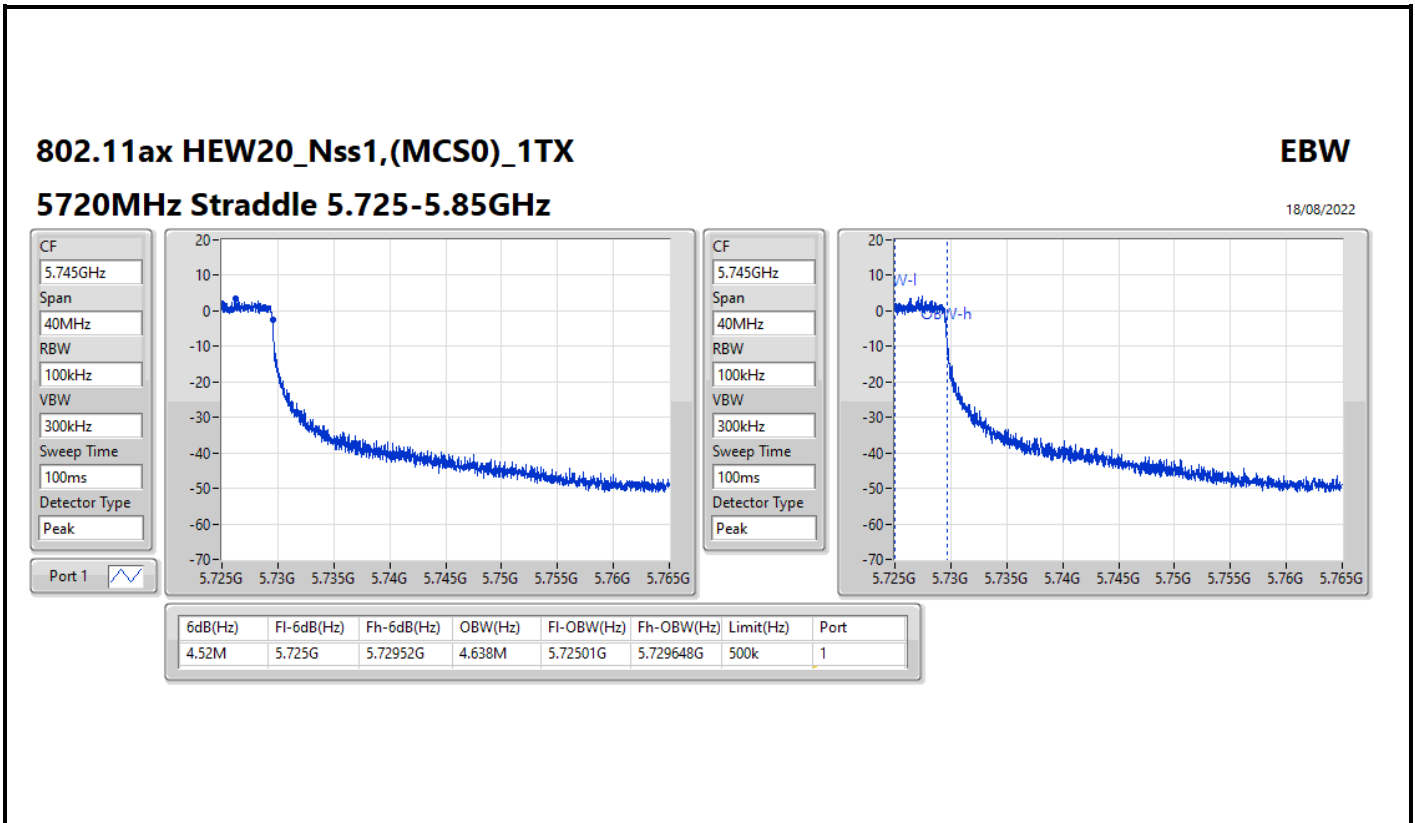


CF
5.58GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.56896G	5.59101G	19.13M	5.570375G	5.589505G	Inf	1





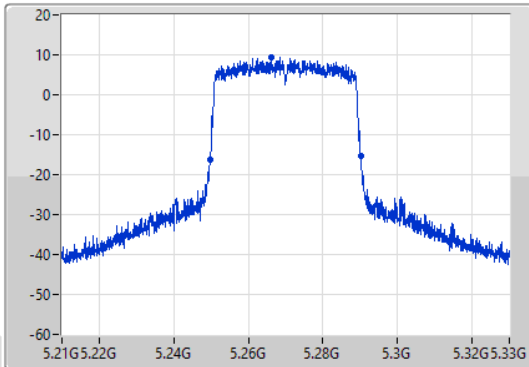
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

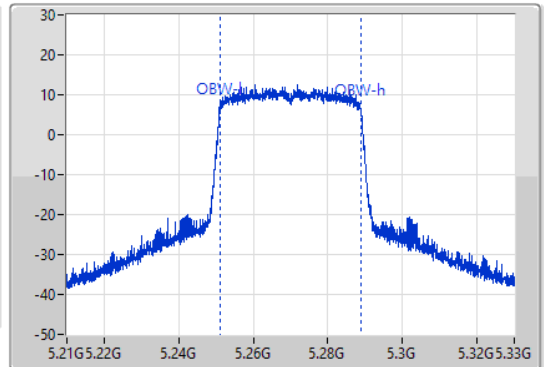
5270MHz

18/08/2022

CF
5.27GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.27GHz
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
40.44M	5.24966G	5.2901G	37.841M	5.25099G	5.288831G	Inf	1

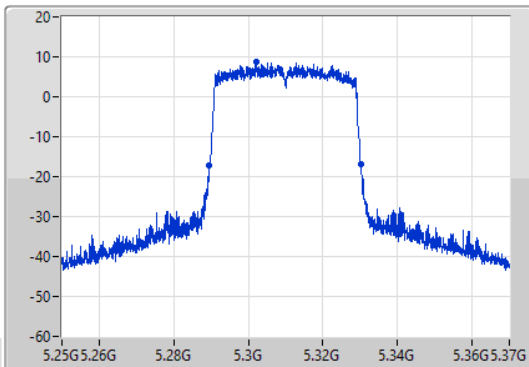
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

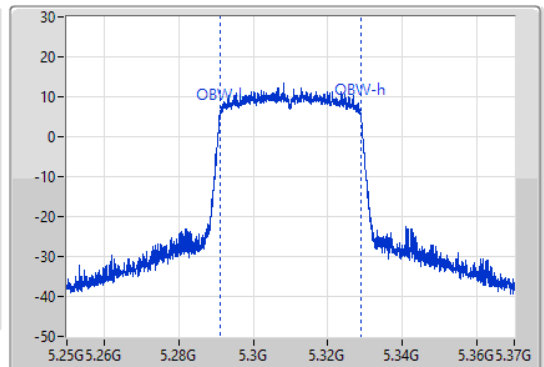
5310MHz

18/08/2022

CF
5.31GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.31GHz
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	5.2896G	5.3301G	37.841M	5.29099G	5.328831G	Inf	1

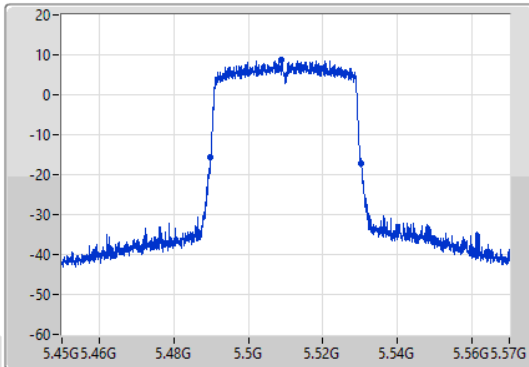
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

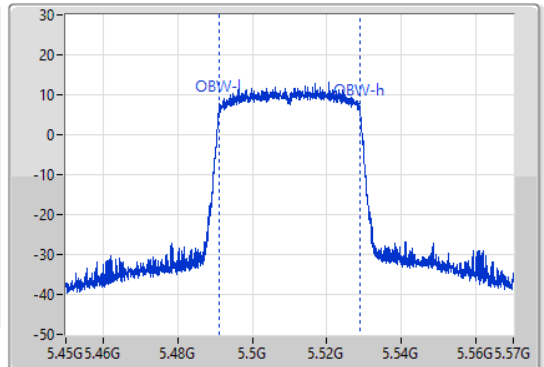
5510MHz

18/08/2022

CF: 5.51GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.51GHz
 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	5.48984G	5.53034G	37.841M	5.491049G	5.528891G	Inf	1

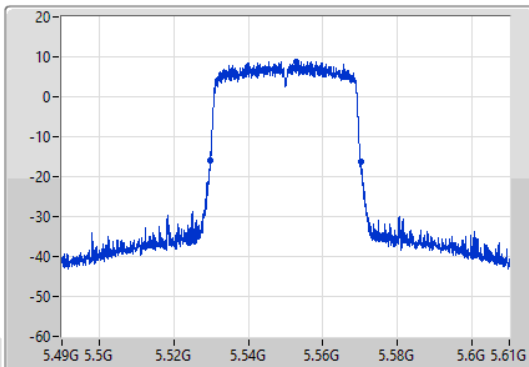
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

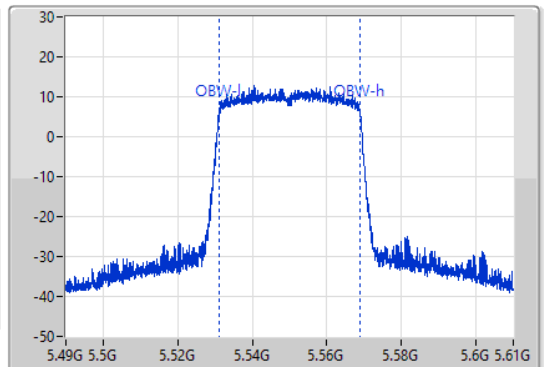
5550MHz

18/08/2022

CF: 5.55GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.55GHz
 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	5.52966G	5.57016G	37.781M	5.531109G	5.568891G	Inf	1

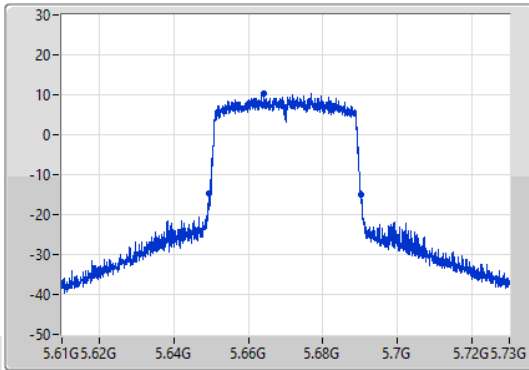
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

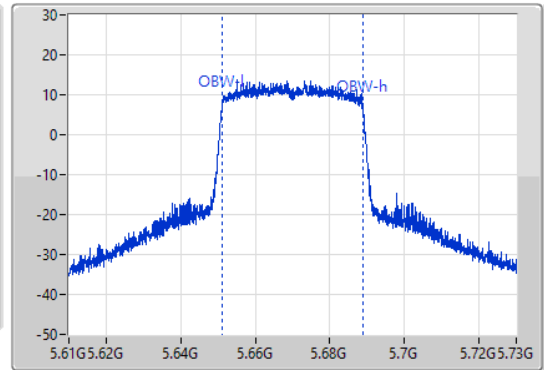
5670MHz

18/08/2022

CF: 5.67GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.67GHz
 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
40.68M	5.6496G	5.69028G	37.901M	5.65099G	5.688891G	Inf	1

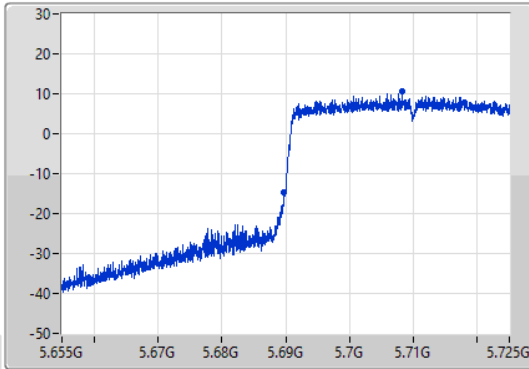
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

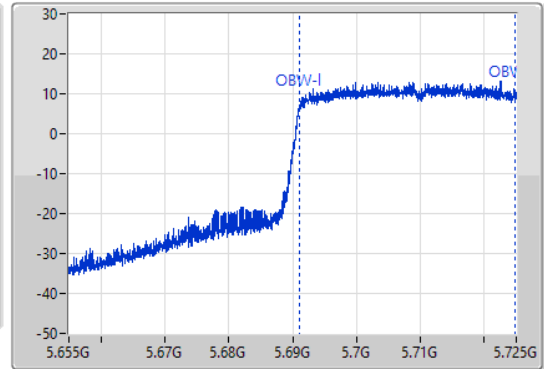
5710MHz Straddle 5.47-5.725GHz

18/08/2022

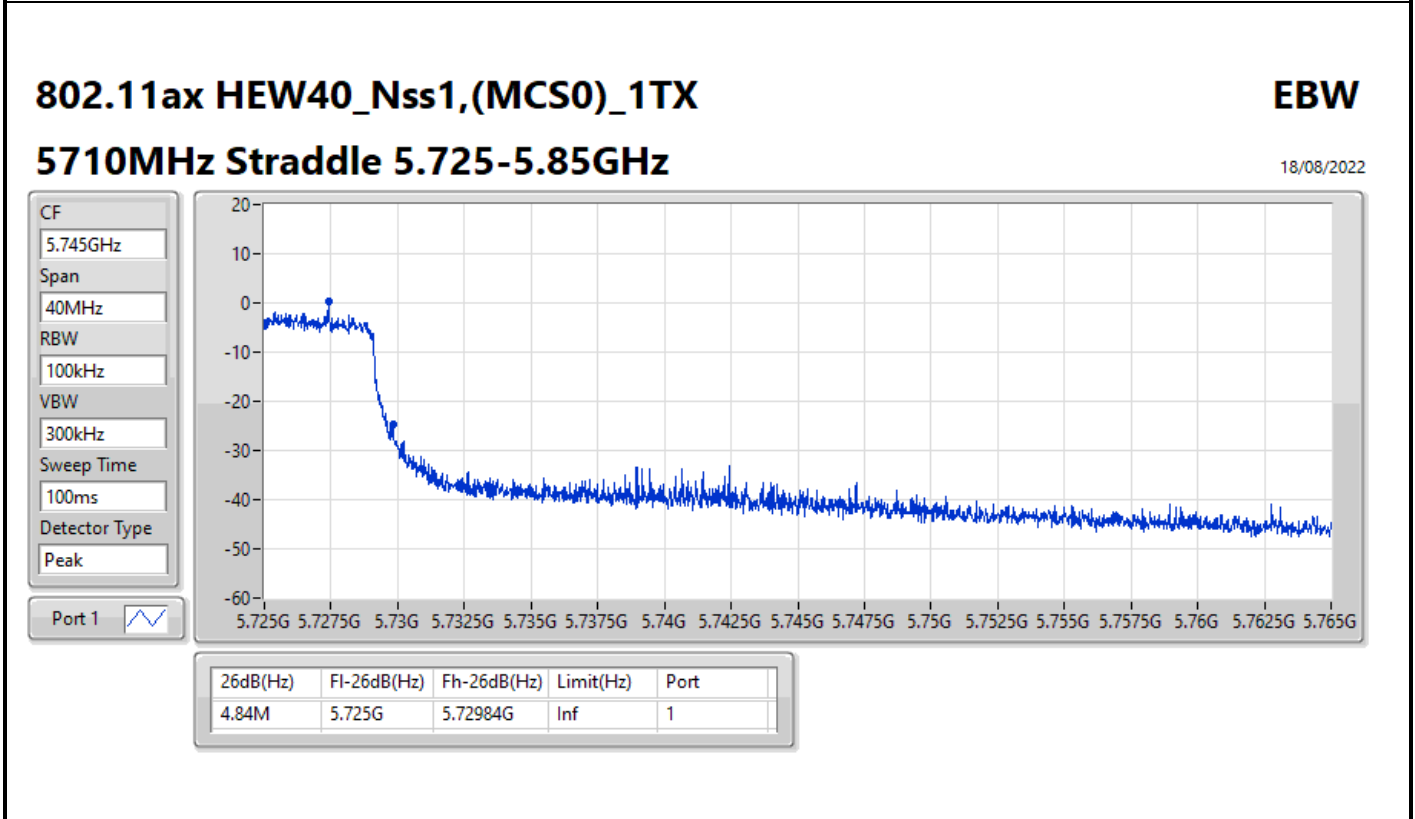
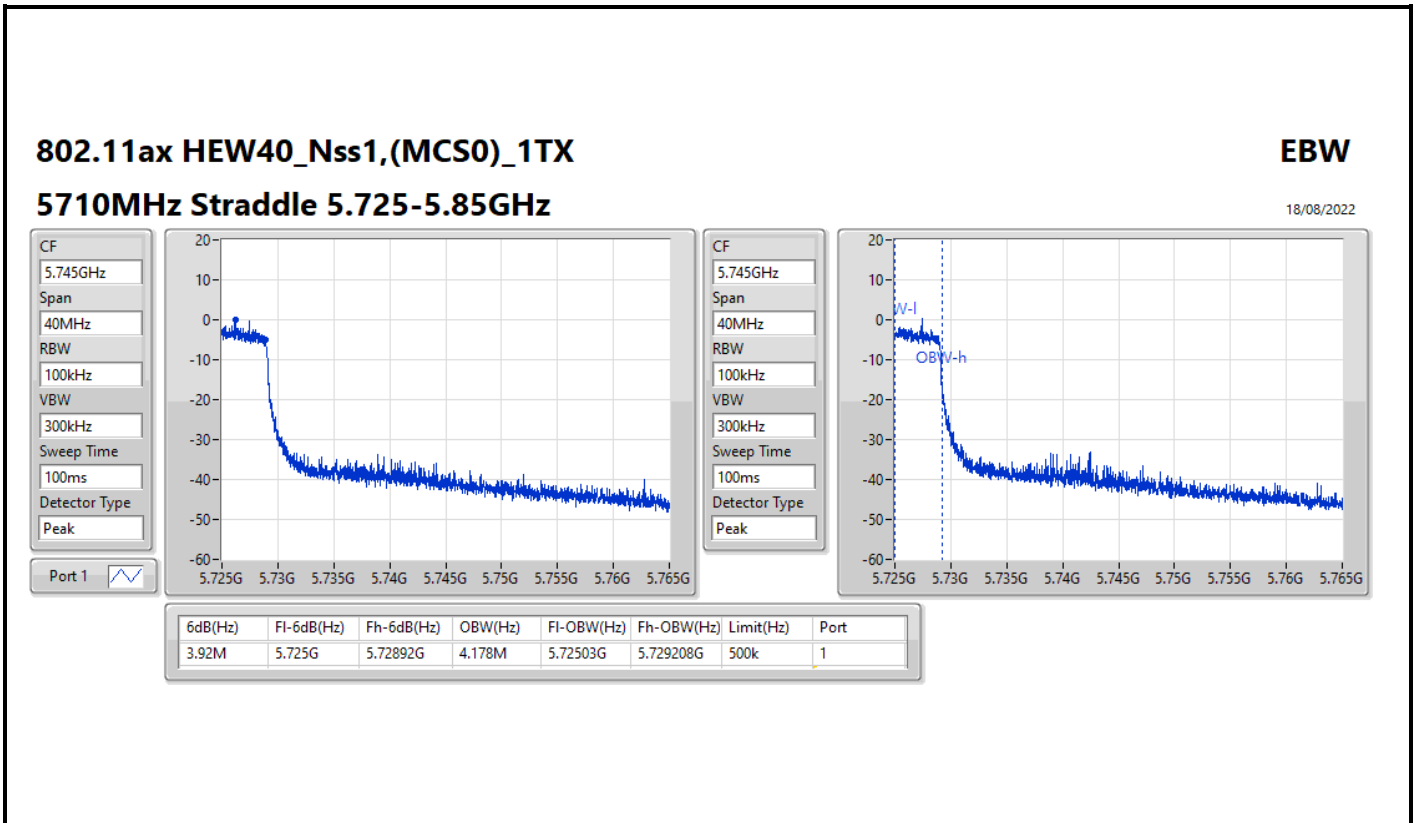
CF: 5.69GHz
 Span: 70MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.69GHz
 Span: 70MHz
 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
35.35M	5.68965G	5.725G	33.828M	5.69098G	5.724808G	Inf	1



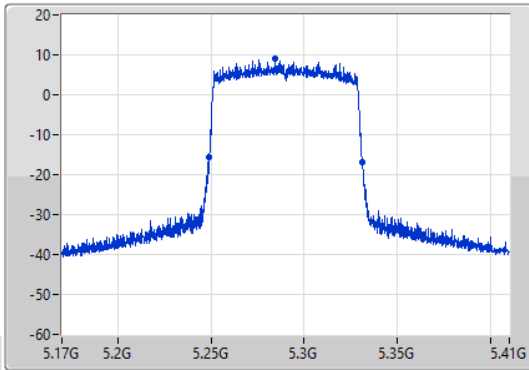
802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

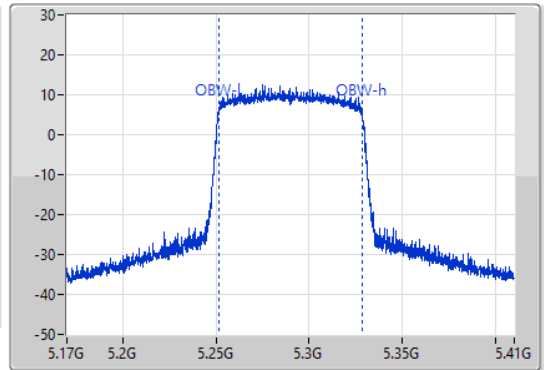
5290MHz

18/08/2022

CF
5.29GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.29GHz
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
82.32M	5.24884G	5.33116G	77.241M	5.251259G	5.328501G	Inf	1

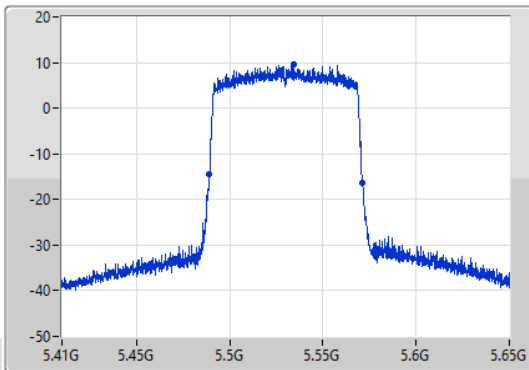
802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

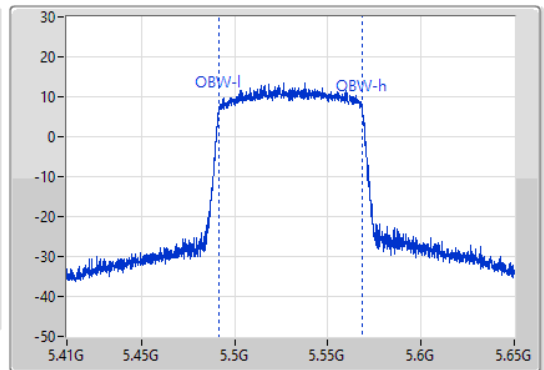
5530MHz

18/08/2022

CF
5.53GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
5.53GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



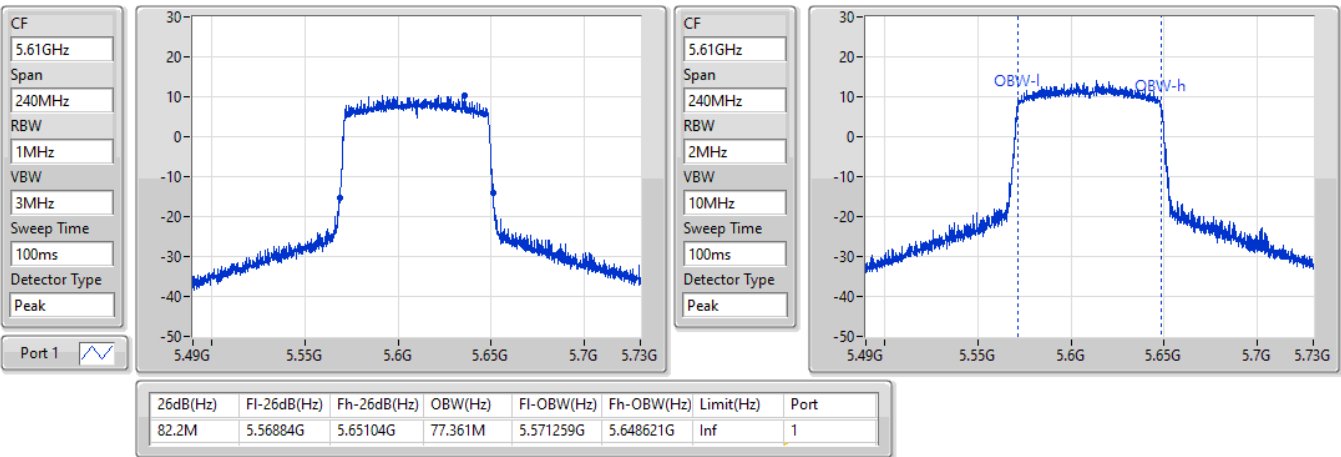
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.48872G	5.5714G	77.241M	5.491379G	5.568621G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

18/08/2022

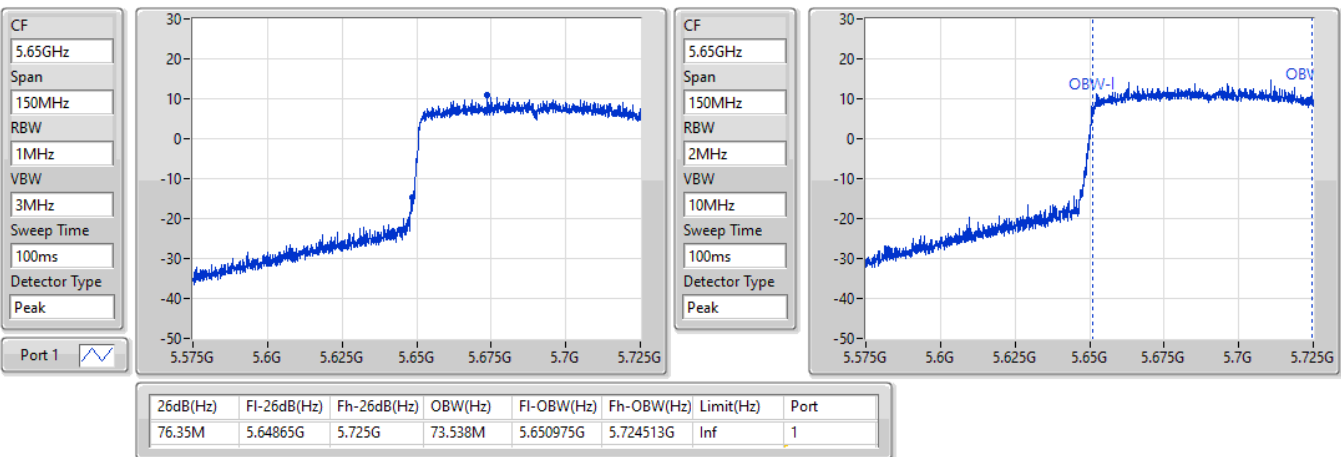


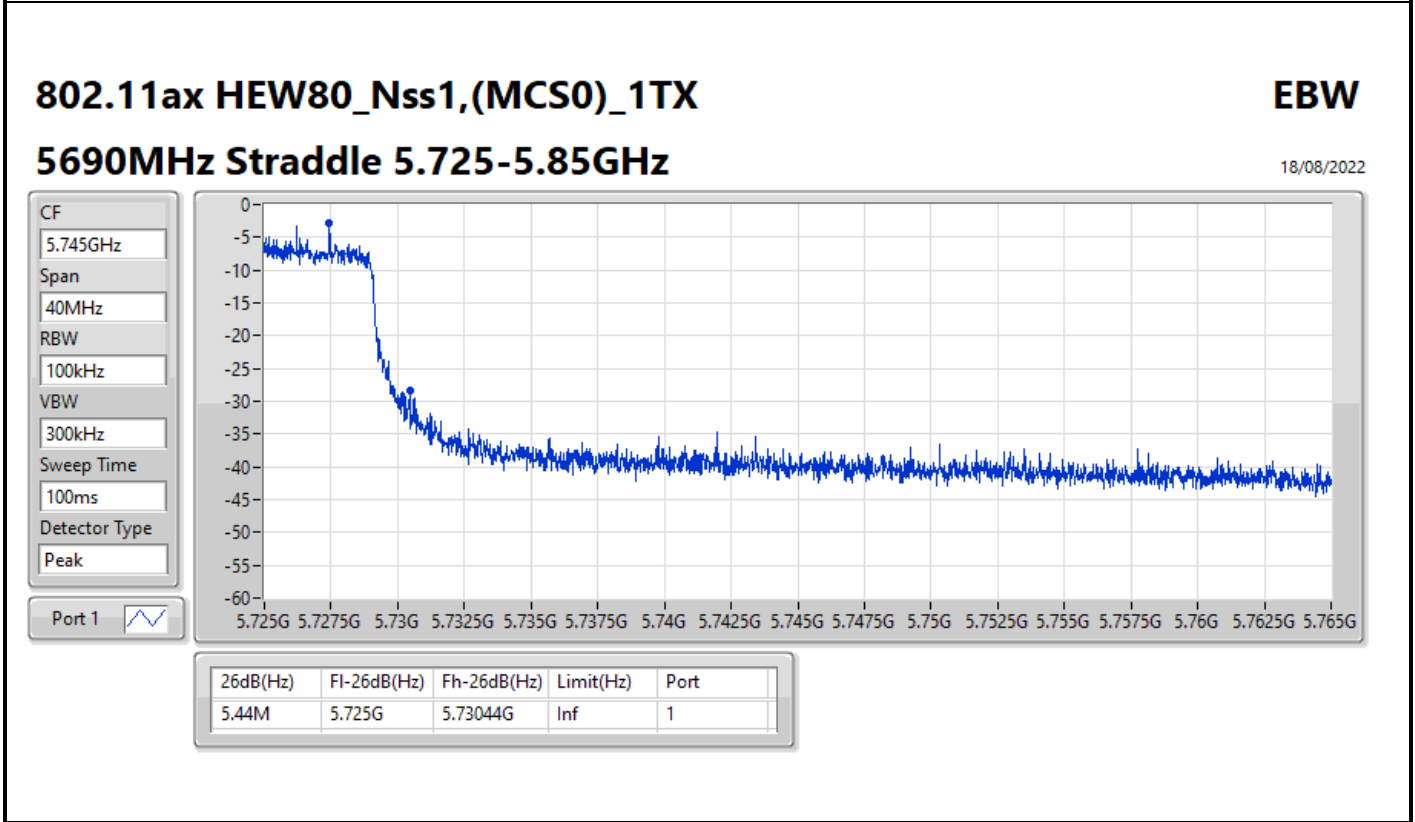
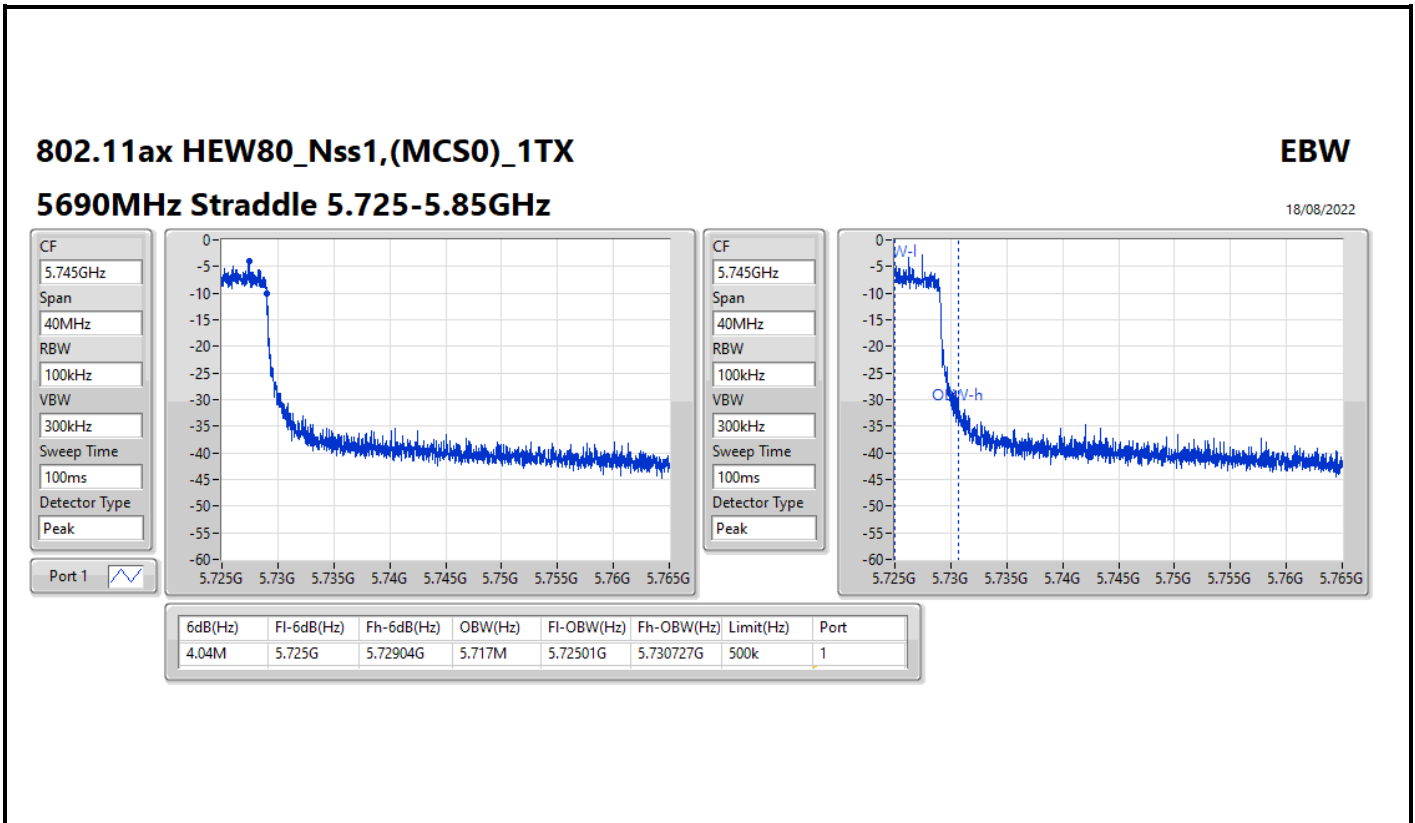
802.11ax HEW80_Nss1,(MCS0)_1TX

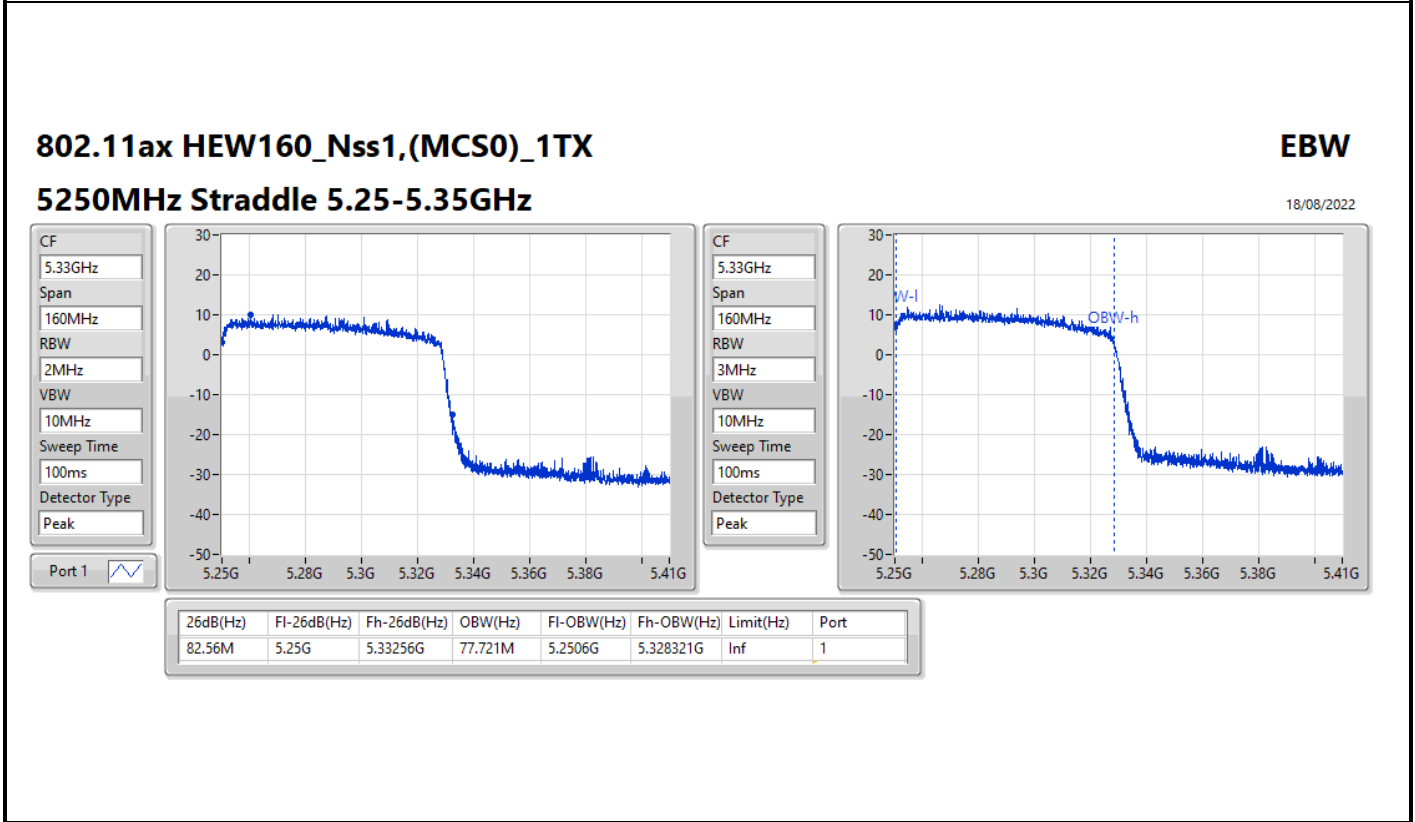
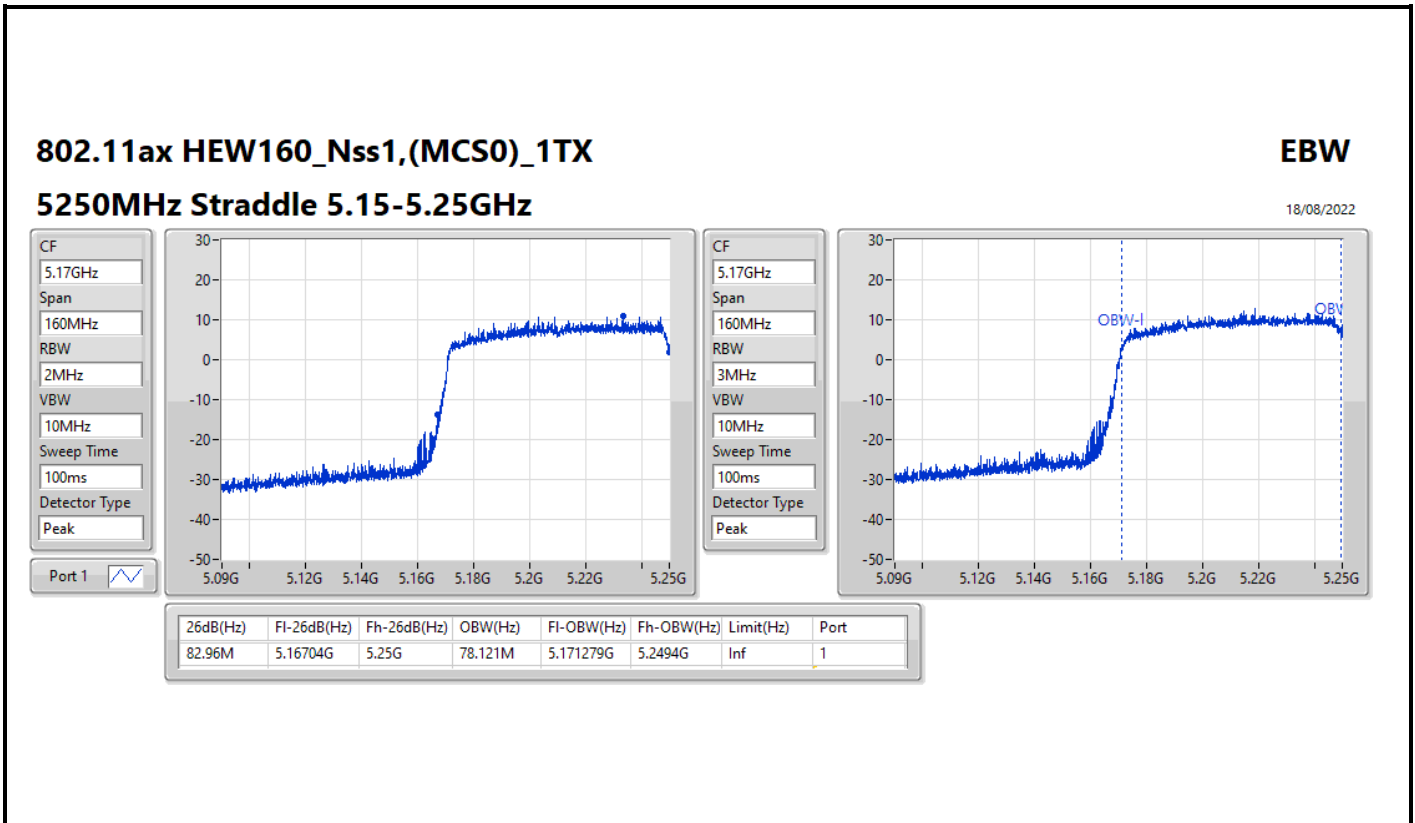
EBW

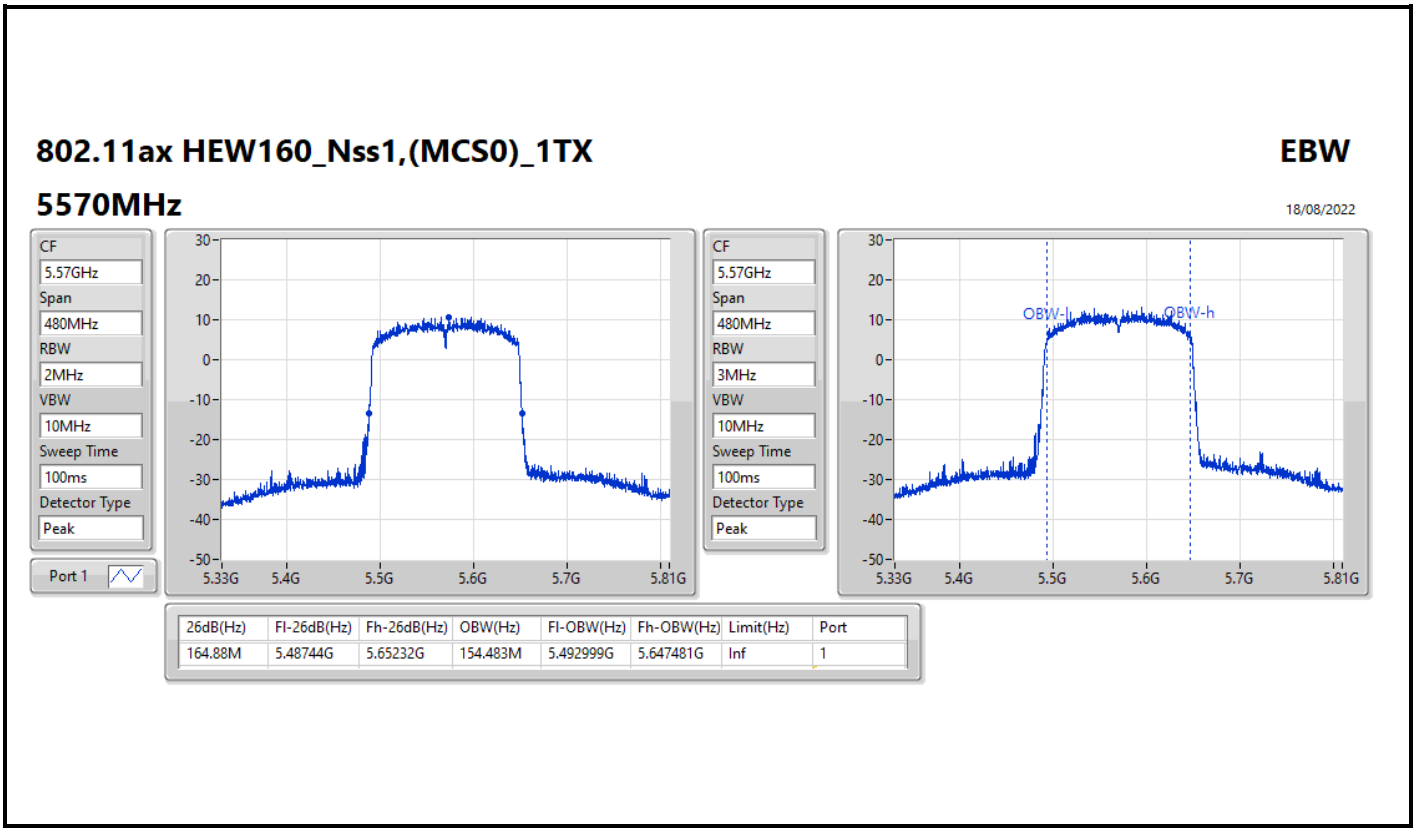
5690MHz Straddle 5.47-5.725GHz

18/08/2022









Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	82.48M	77.881M	77M9D1D	82.48M	77.881M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.58M	16.672M	16M7D1D	20.37M	16.672M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.99M	19.16M	19M2D1D	21.63M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.28M	37.901M	38M0D1D	40.56M	37.781M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.84M	77.241M	77M3D1D	81.84M	77.241M
802.11ax HEW160_Nss1,(MCS0)_1TX	82.48M	77.881M	77M9D1D	82.48M	77.881M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.4M	16.672M	16M7D1D	15.36M	13.433M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.9M	19.16M	19M2D1D	15.945M	14.618M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.5M	37.781M	37M8D1D	35.385M	33.758M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.56M	77.241M	77M3D1D	76.05M	73.313M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.64M	154.963M	155MD1D	164.64M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.498M	3M50D1D	3.1M	3.498M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.46M	4.598M	4M60D1D	4.46M	4.598M
802.11ax HEW40_Nss1,(MCS0)_1TX	4M	4.118M	4M12D1D	4M	4.118M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.92M	4.298M	4M30D1D	3.92M	4.298M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.37M	16.672M
5300MHz	Pass	Inf	20.58M	16.672M
5320MHz	Pass	Inf	20.46M	16.672M
5500MHz	Pass	Inf	20.25M	16.672M
5580MHz	Pass	Inf	20.34M	16.672M
5700MHz	Pass	Inf	20.4M	16.672M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.36M	13.433M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.498M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	21.93M	19.16M
5300MHz	Pass	Inf	21.63M	19.1M
5320MHz	Pass	Inf	21.99M	19.13M
5500MHz	Pass	Inf	21.9M	19.1M
5580MHz	Pass	Inf	21.81M	19.13M
5700MHz	Pass	Inf	21.84M	19.16M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	14.618M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.598M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	41.28M	37.901M
5310MHz	Pass	Inf	40.56M	37.781M
5510MHz	Pass	Inf	40.26M	37.781M
5550MHz	Pass	Inf	40.5M	37.721M
5670MHz	Pass	Inf	40.38M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.758M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.118M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	81.84M	77.241M
5530MHz	Pass	Inf	82.2M	77.241M
5610MHz	Pass	Inf	82.56M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.313M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.298M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.48M	77.881M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.48M	77.881M
5570MHz	Pass	Inf	164.64M	154.963M

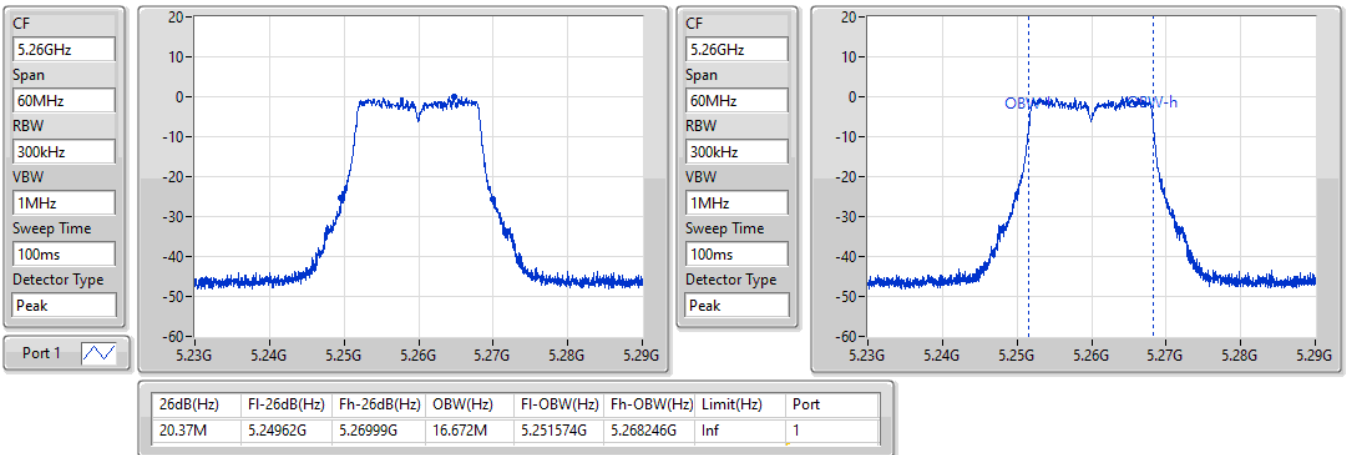
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

25/08/2022

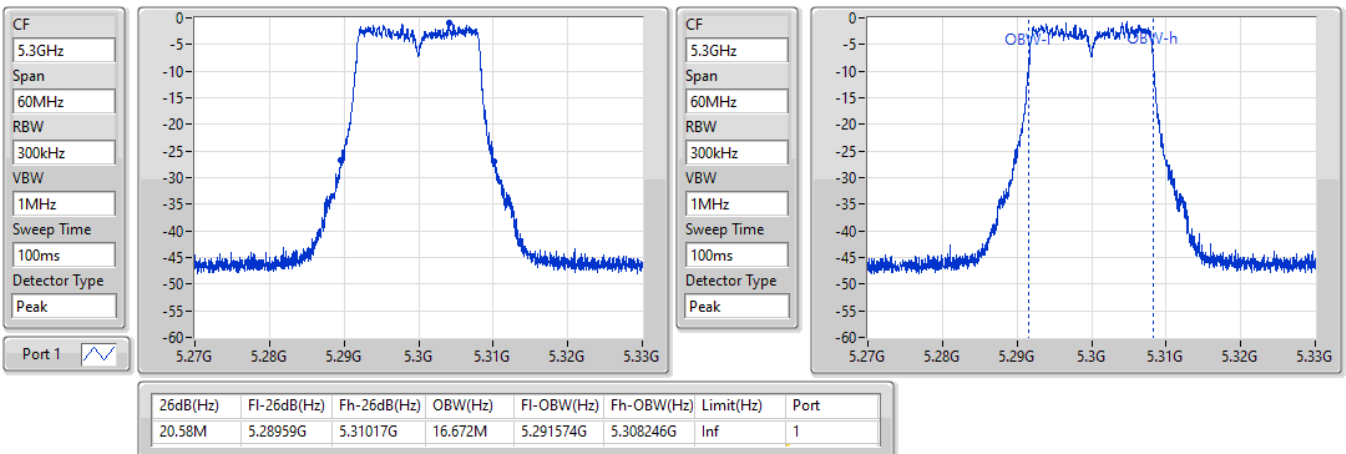


802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

25/08/2022



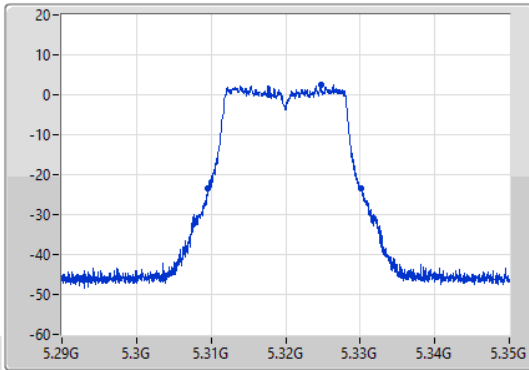
802.11a_Nss1,(6Mbps)_1TX

EBW

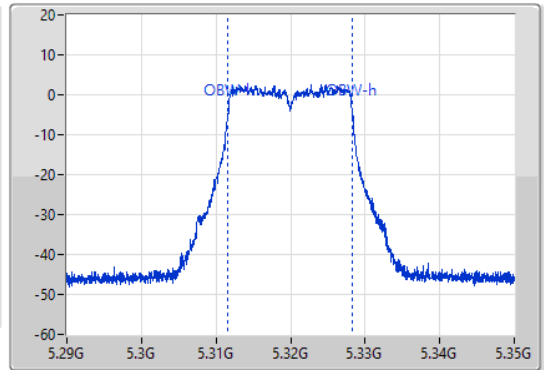
5320MHz

25/08/2022

CF: 5.32GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.32GHz
 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
20.46M	5.30959G	5.33005G	16.672M	5.311574G	5.328246G	Inf	1

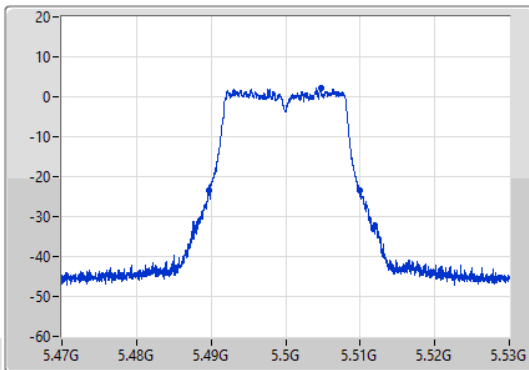
802.11a_Nss1,(6Mbps)_1TX

EBW

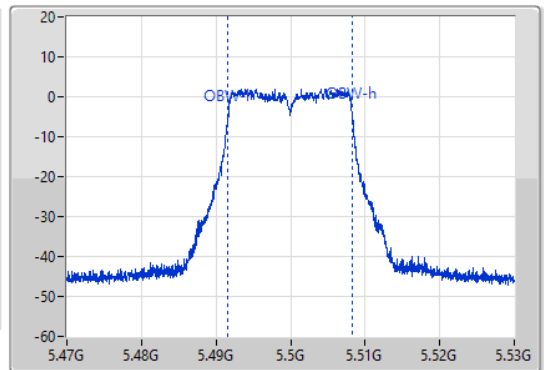
5500MHz

25/08/2022

CF: 5.5GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.5GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



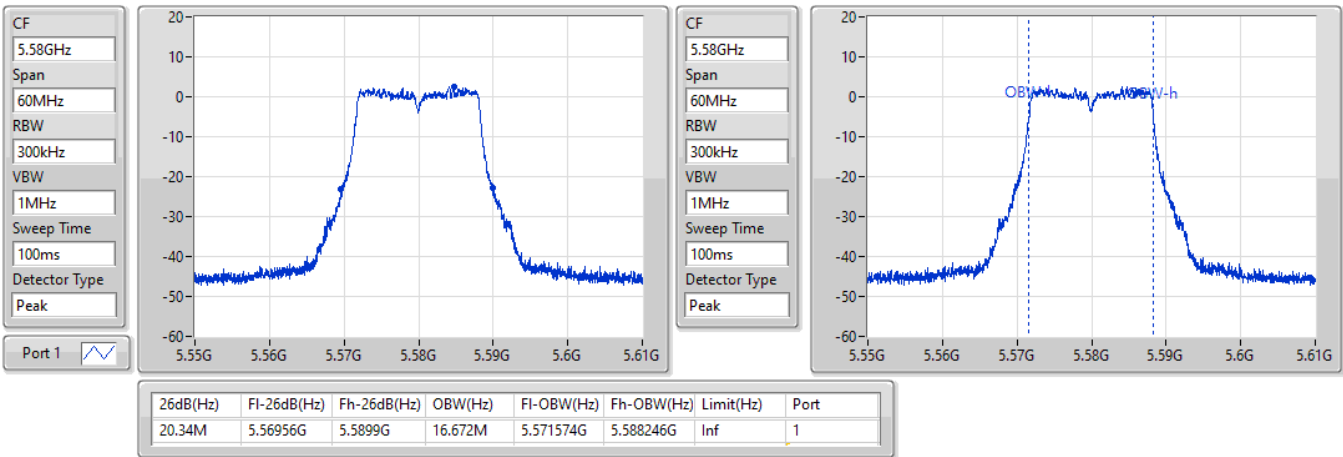
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.48965G	5.5099G	16.672M	5.491574G	5.508246G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

25/08/2022

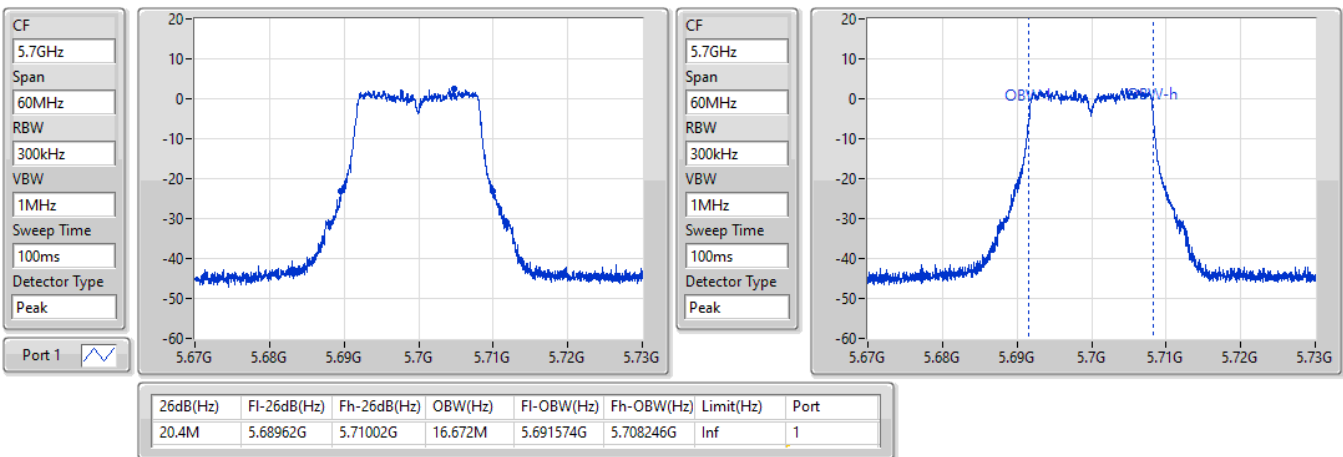


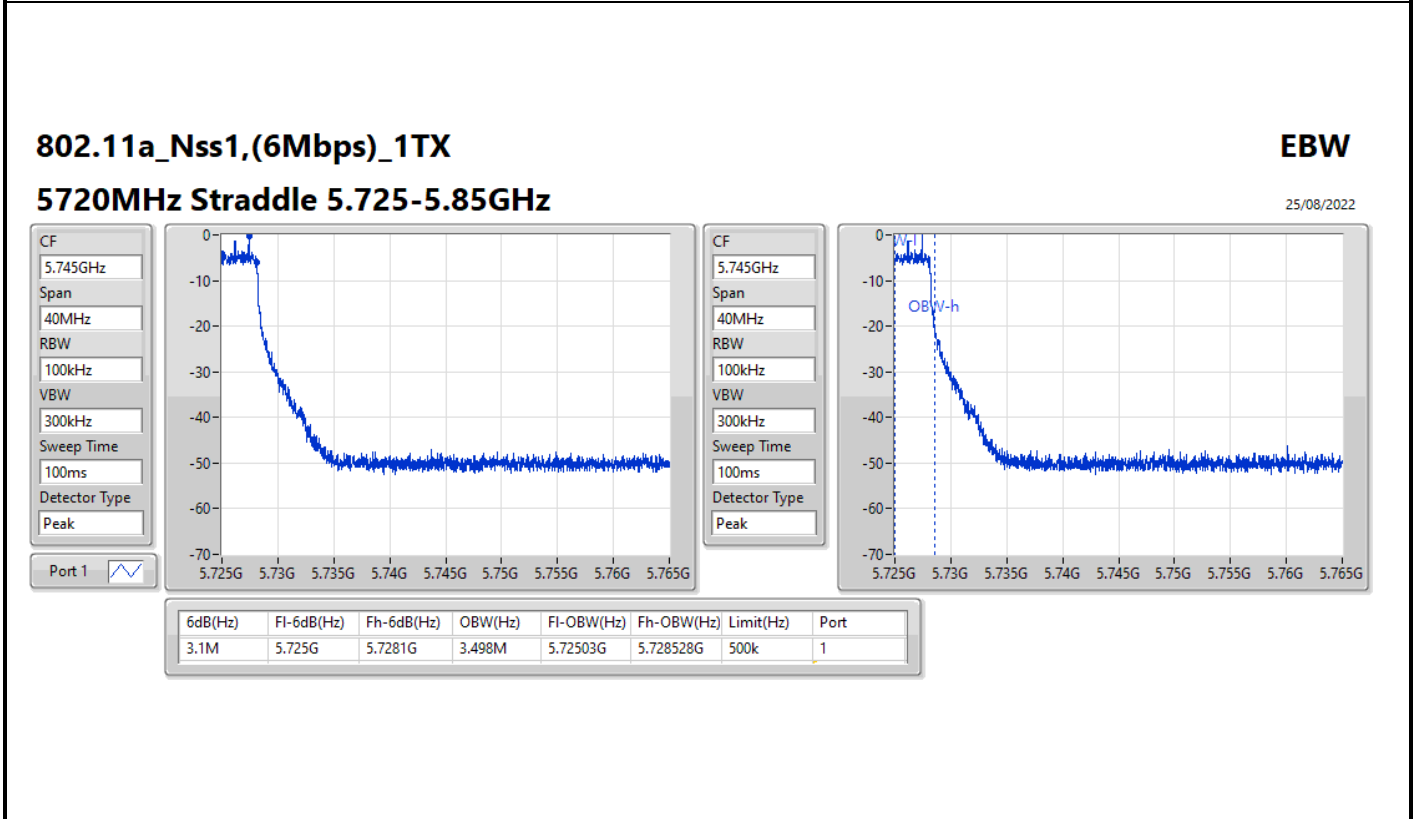
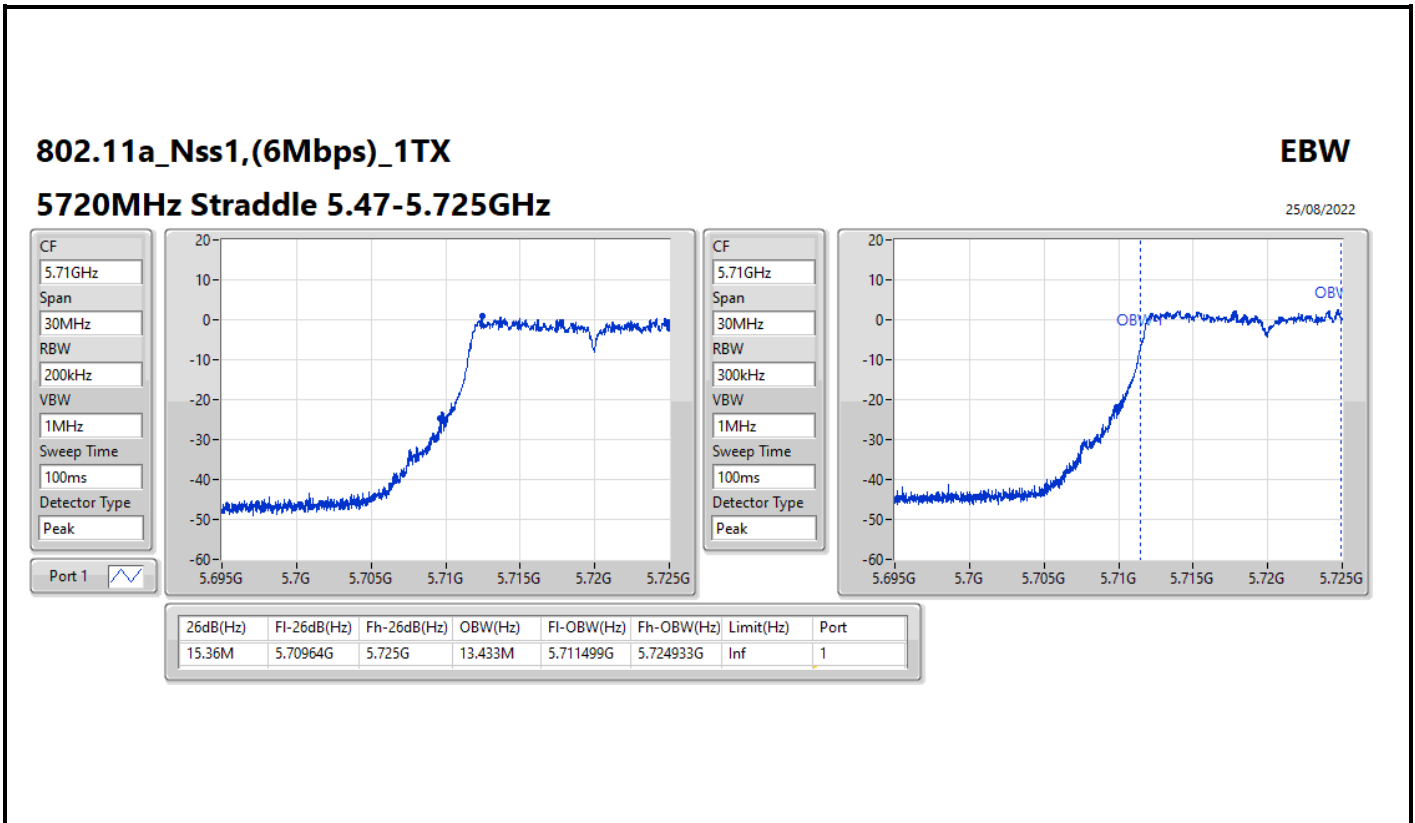
802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

25/08/2022



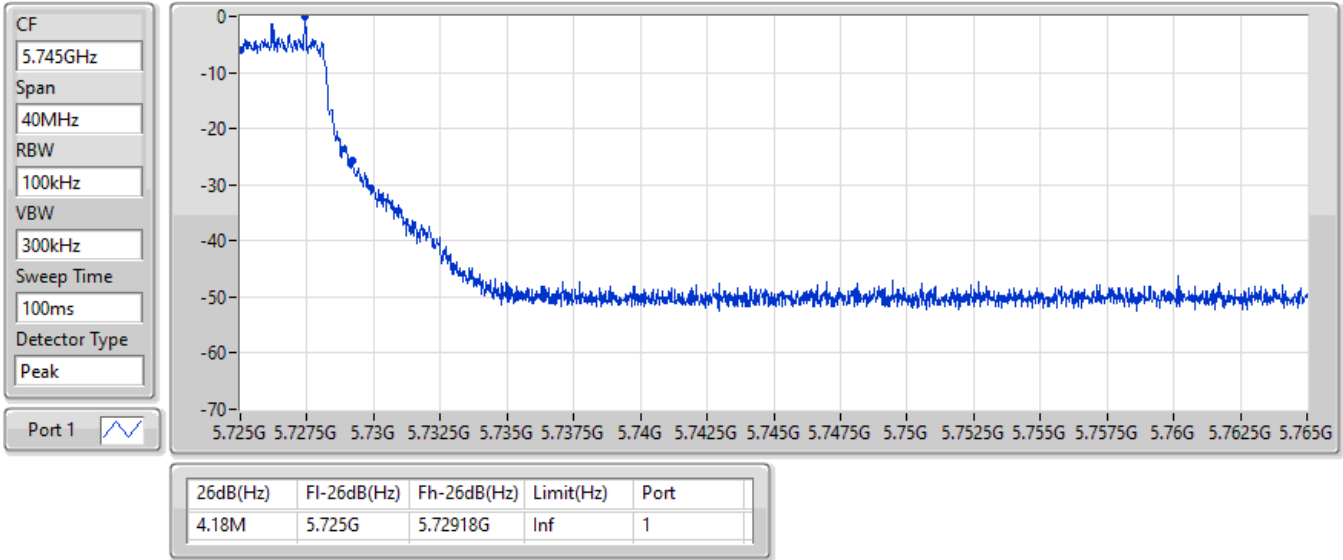


802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/08/2022

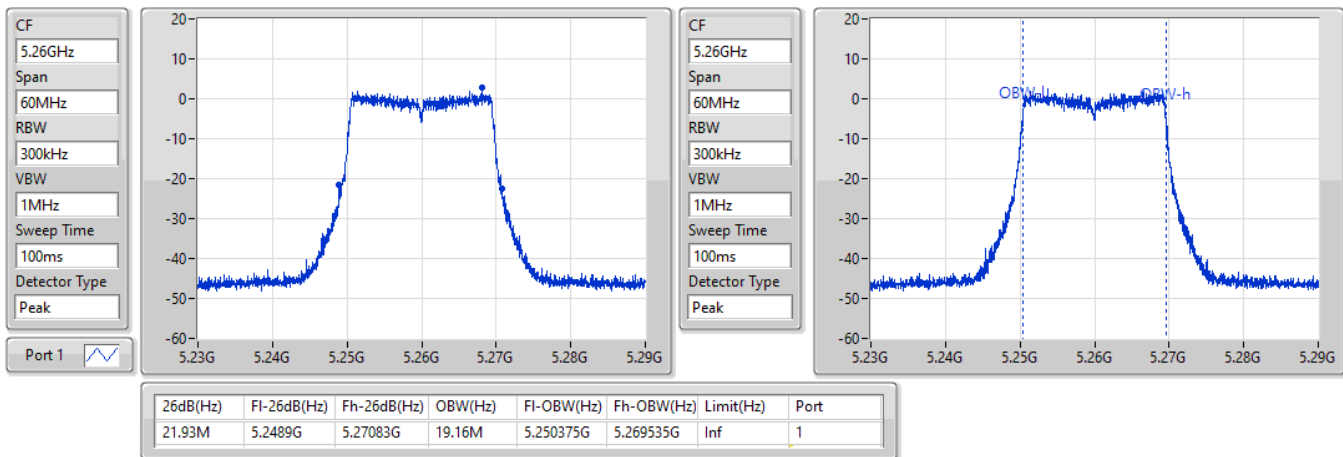


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

25/08/2022

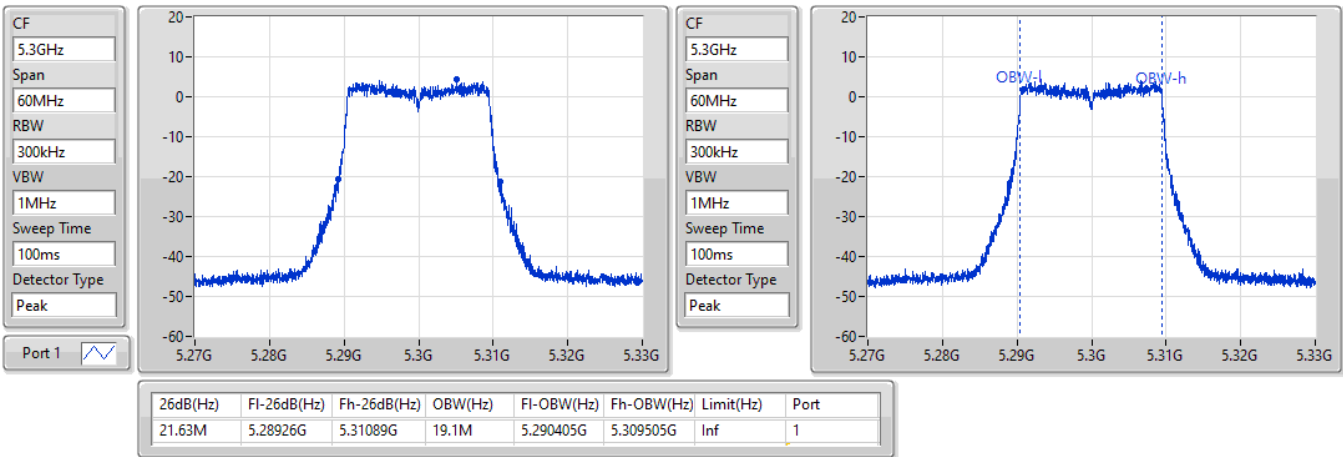


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

25/08/2022

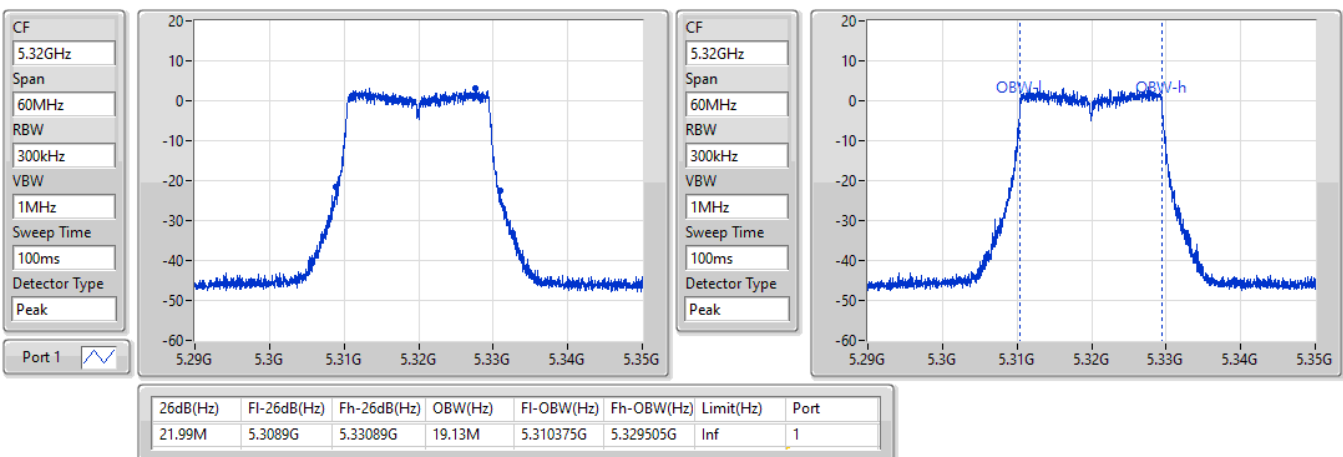


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

25/08/2022

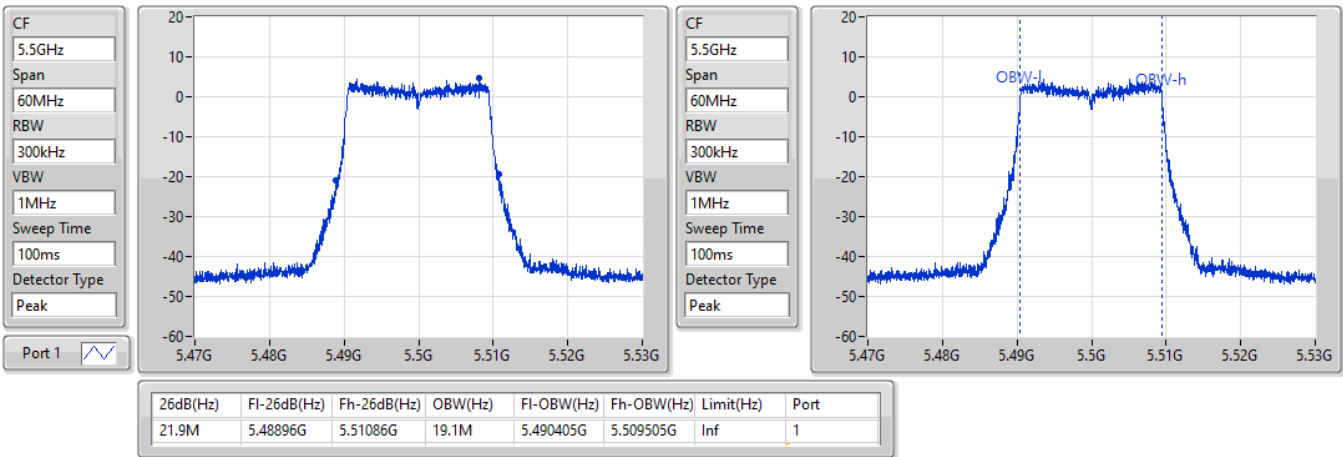


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

25/08/2022

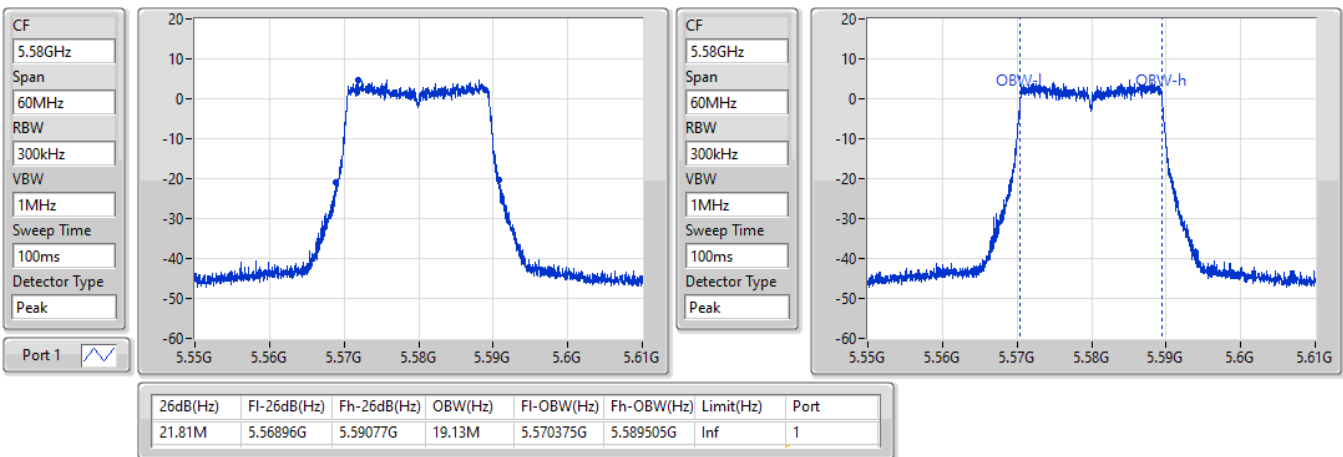


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

25/08/2022



802.11ax HEW20_Nss1,(MCS0)_1TX

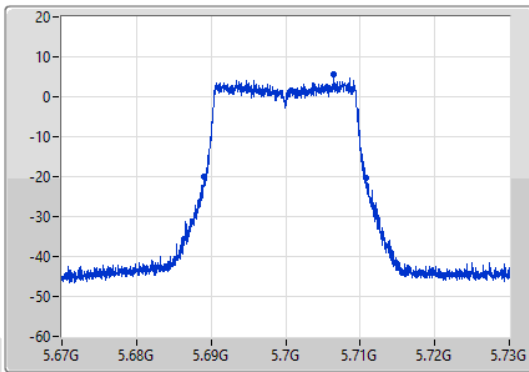
EBW

5700MHz

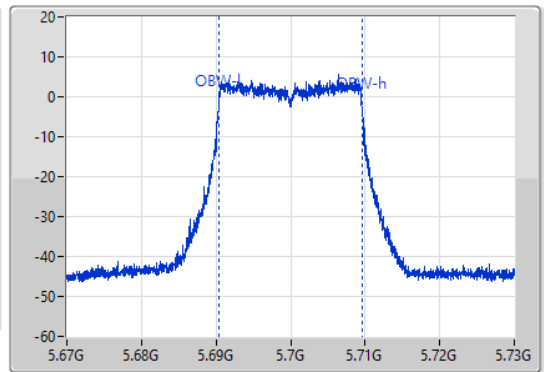
25/08/2022

CF: 5.7GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak

Port 1



CF: 5.7GHz
 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
21.84M	5.68902G	5.71086G	19.16M	5.690375G	5.709535G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

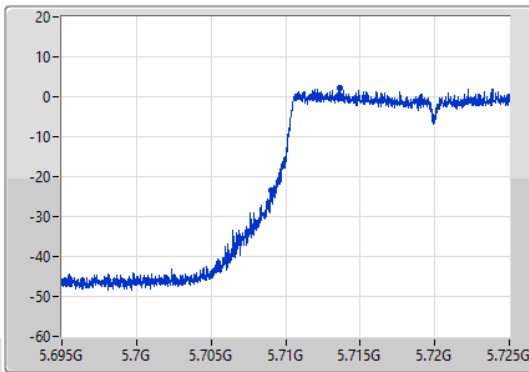
EBW

5720MHz Straddle 5.47-5.725GHz

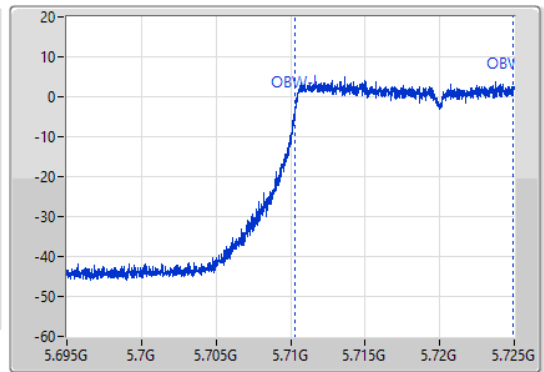
25/08/2022

CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak

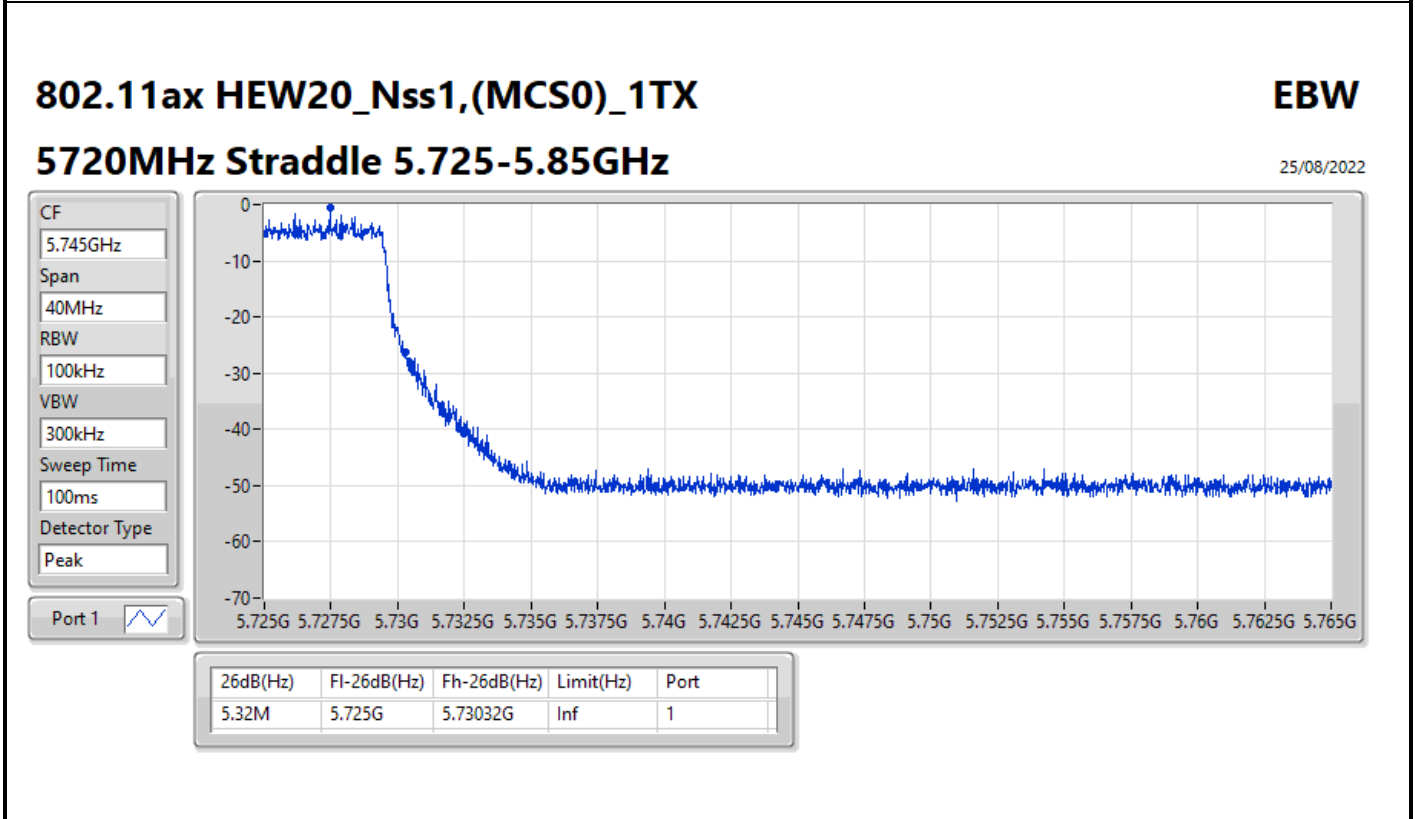
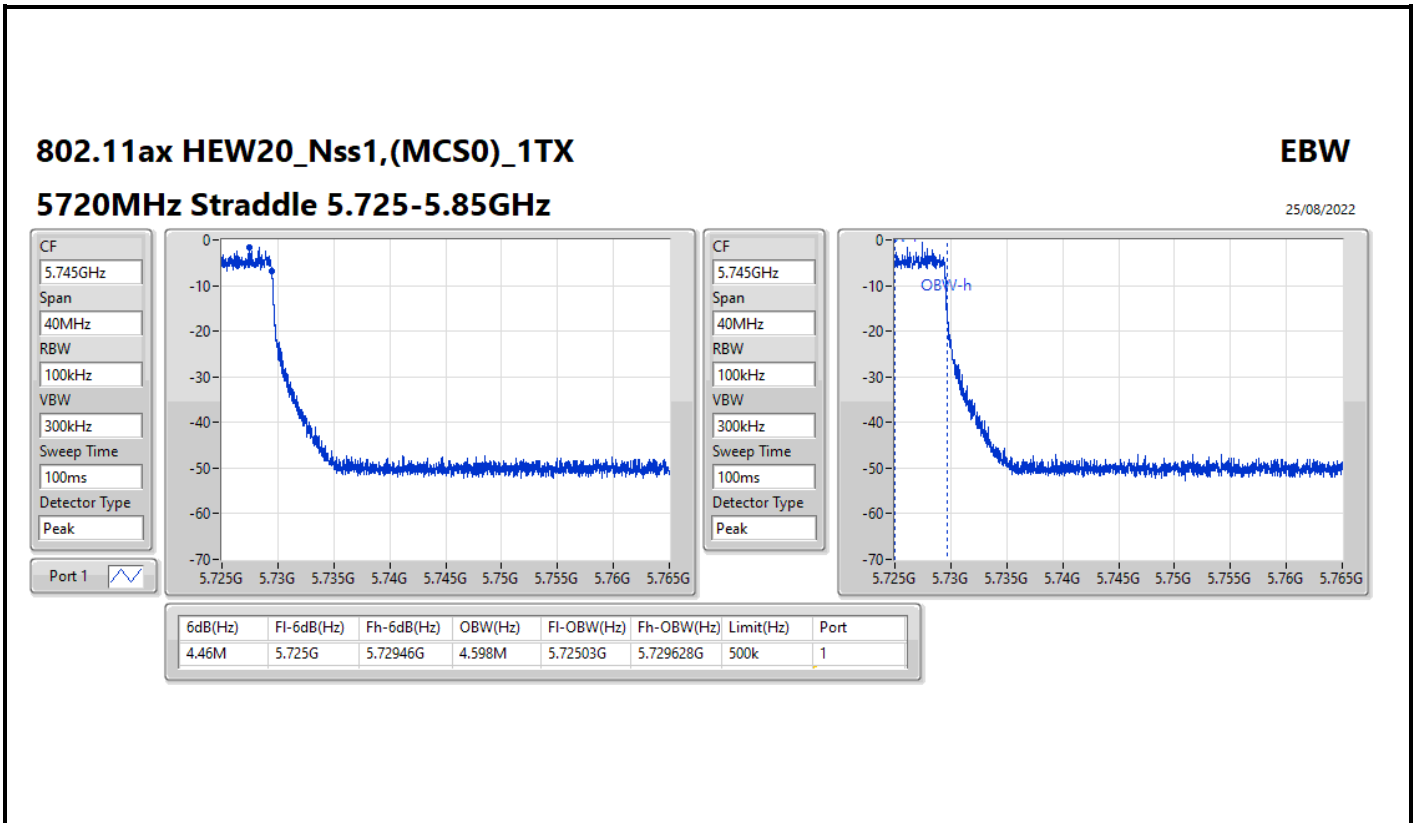
Port 1



CF: 5.71GHz
 Span: 30MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.945M	5.709055G	5.725G	14.618M	5.710315G	5.724933G	Inf	1

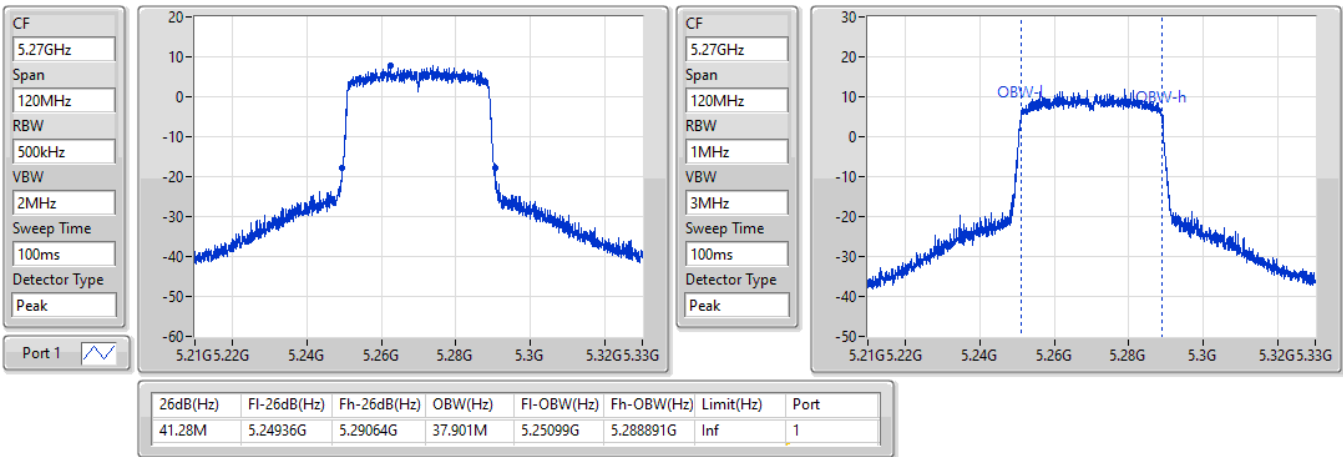


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

07/09/2022

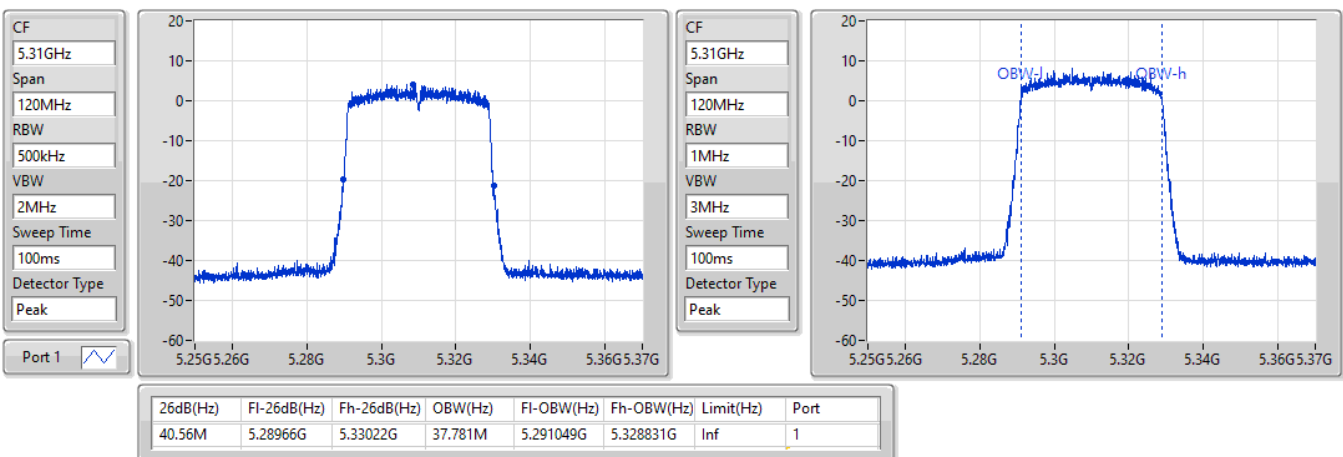


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

25/08/2022



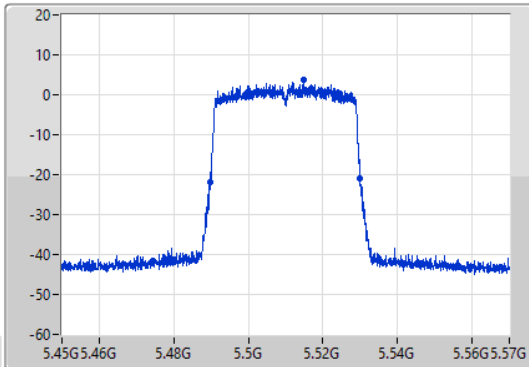
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

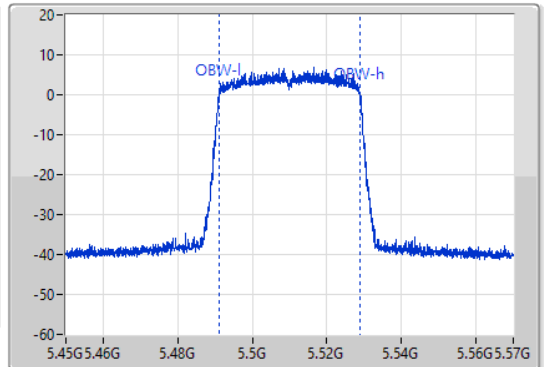
5510MHz

25/08/2022

CF: 5.51GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.51GHz
 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
40.26M	5.48978G	5.53004G	37.781M	5.491049G	5.528831G	Inf	1

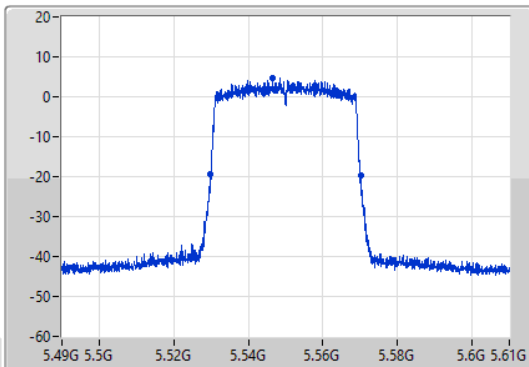
802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

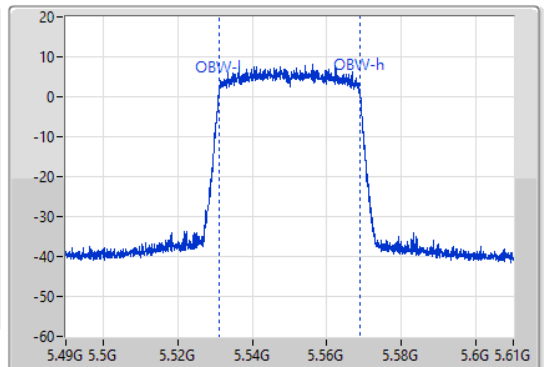
5550MHz

25/08/2022

CF: 5.55GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1



CF: 5.55GHz
 Span: 120MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



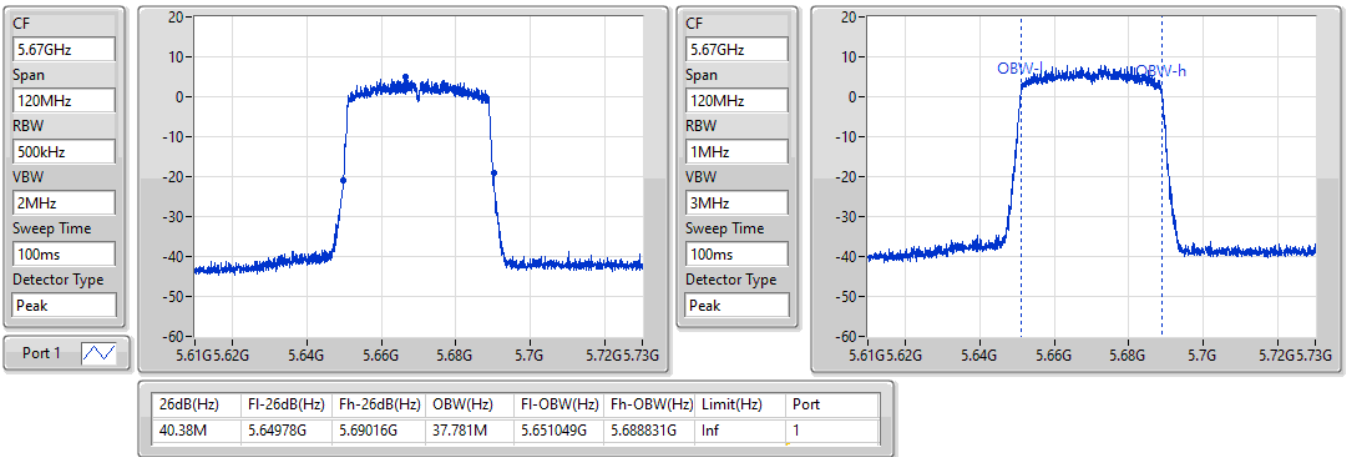
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.52978G	5.57028G	37.721M	5.531109G	5.568831G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

25/08/2022

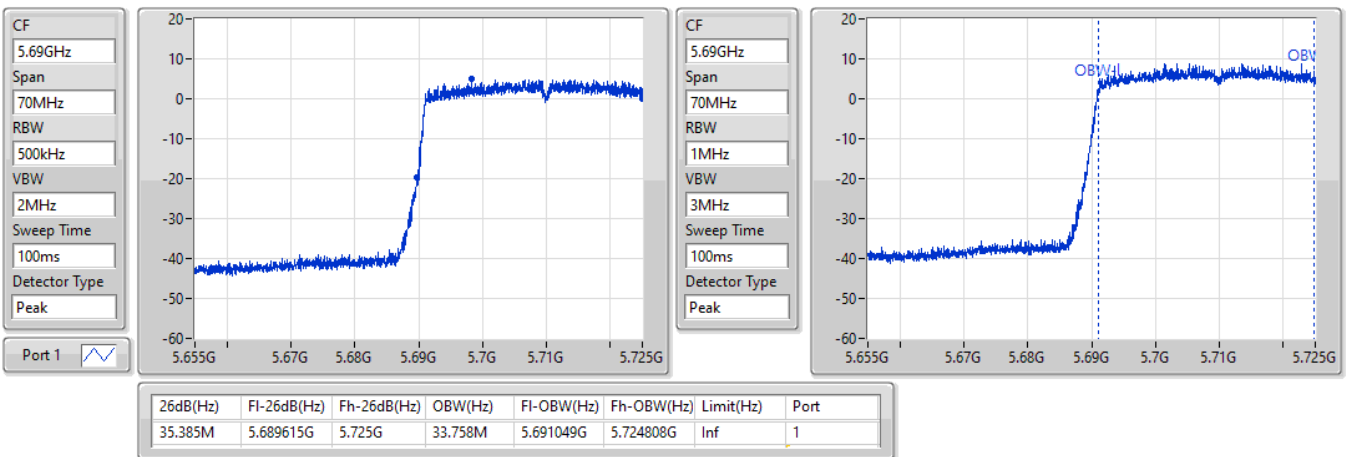


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

25/08/2022

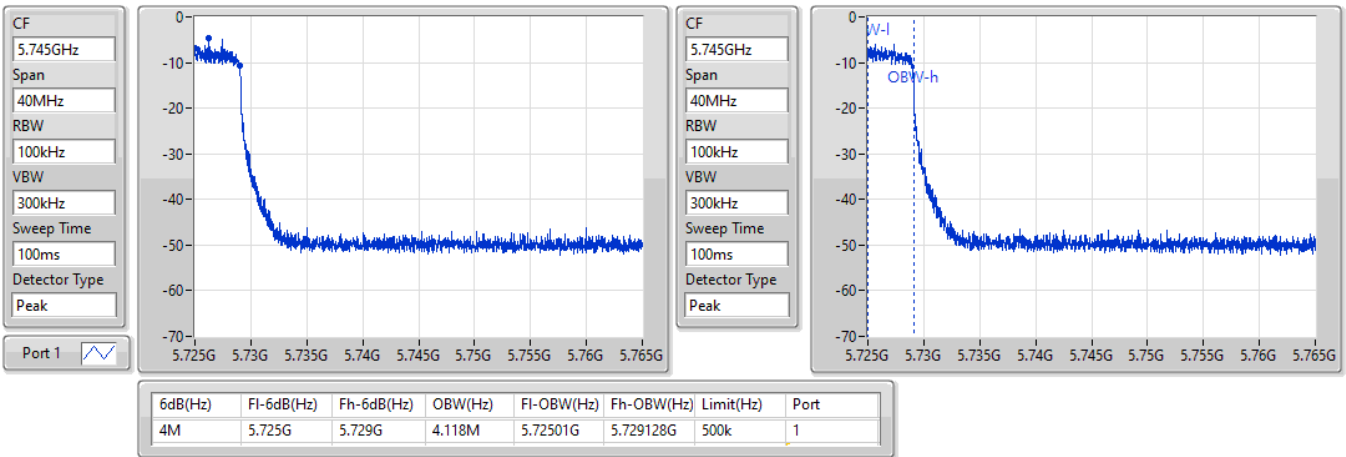


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

25/08/2022

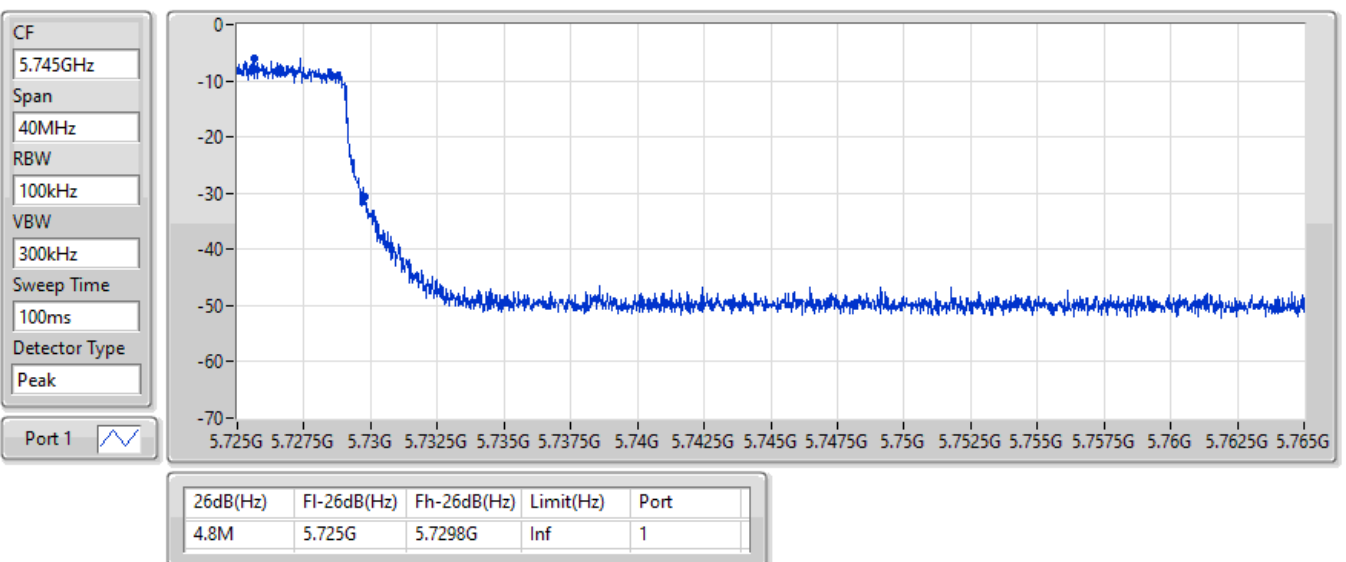


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

25/08/2022

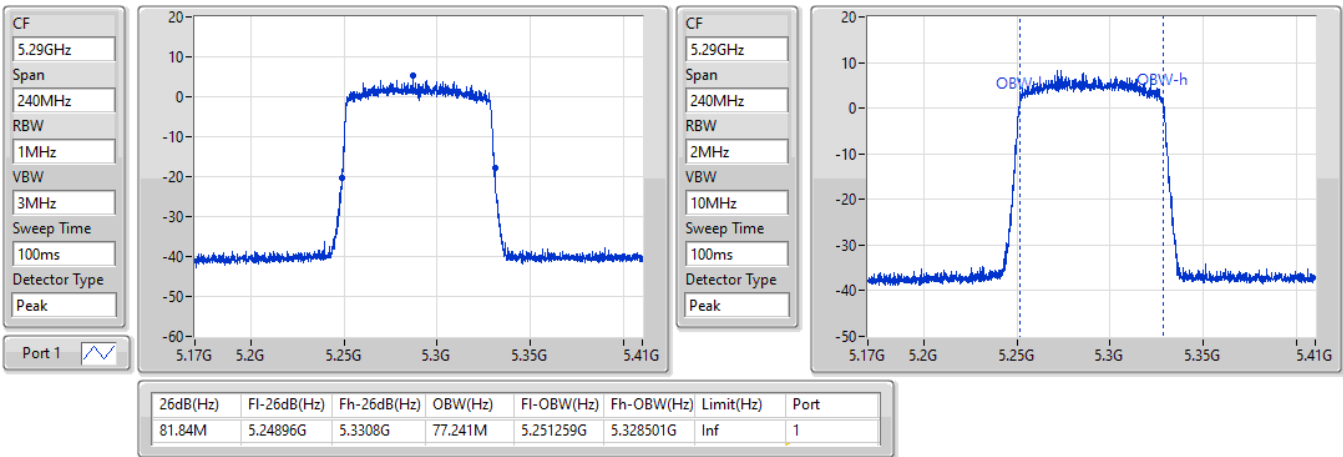


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

25/08/2022

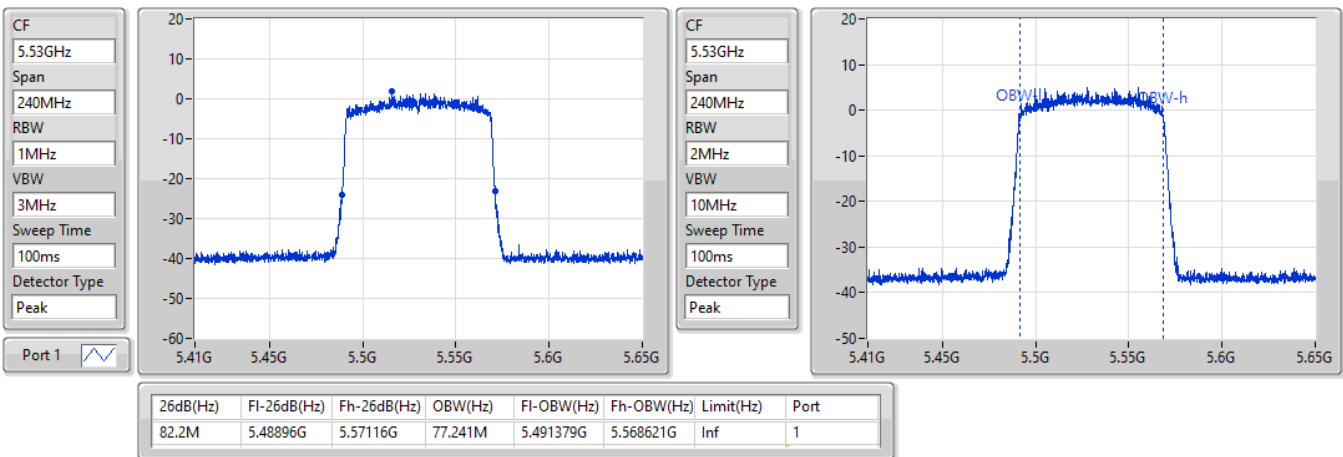


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5530MHz

25/08/2022

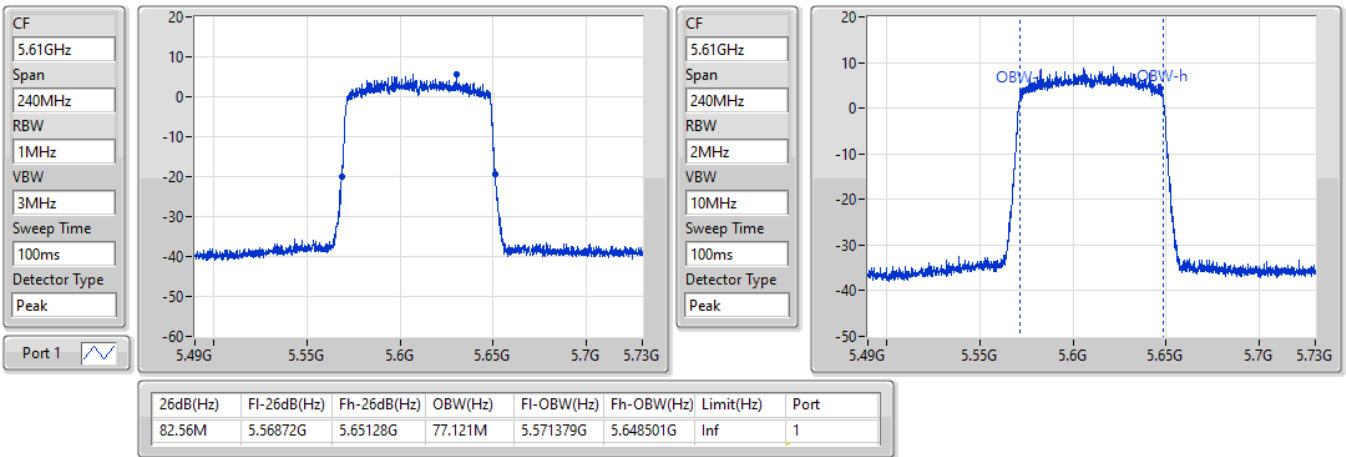


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

25/08/2022

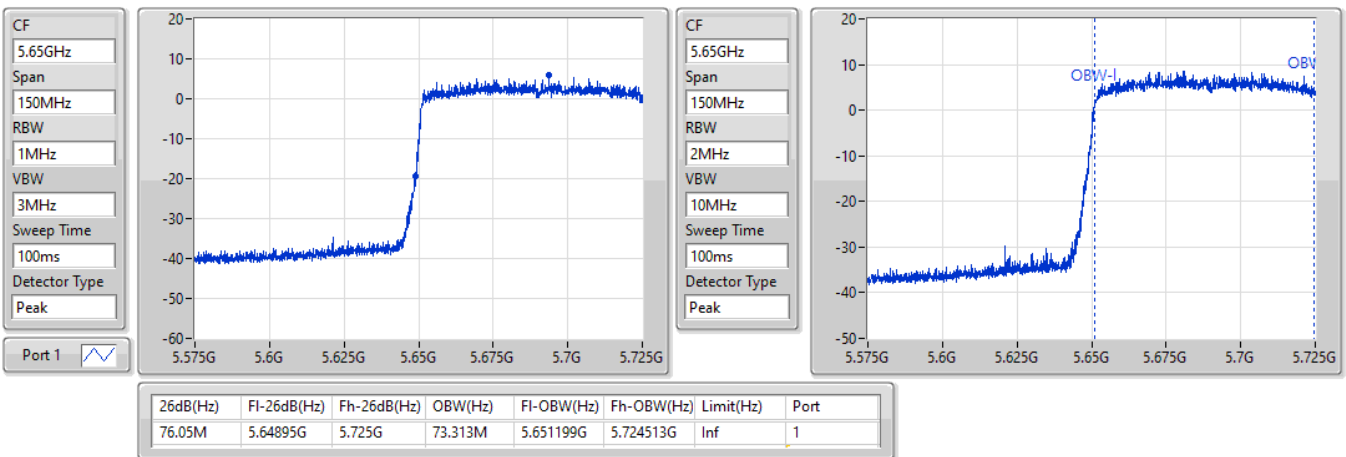


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

25/08/2022

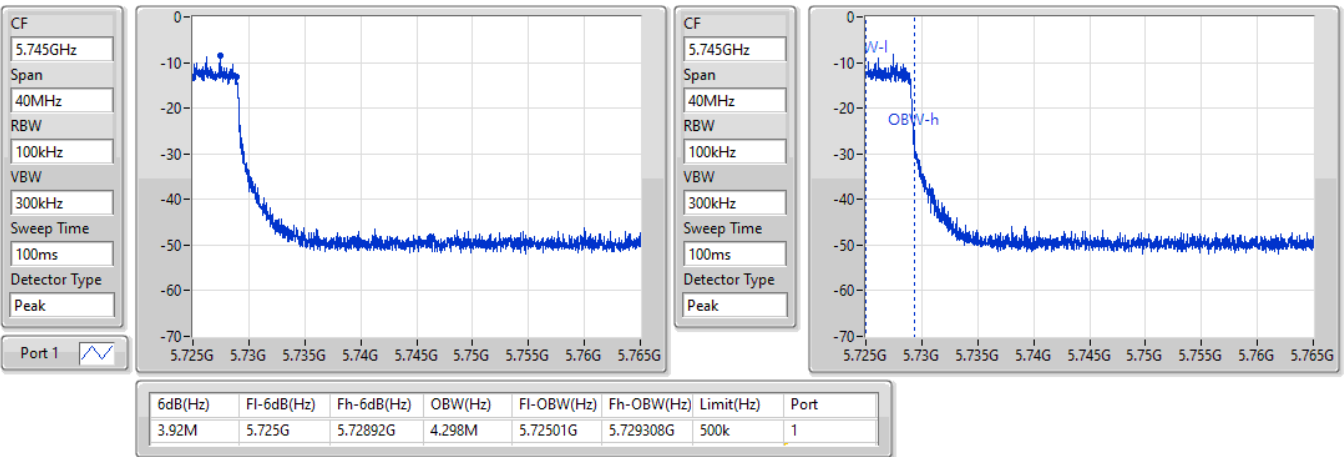


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

25/08/2022

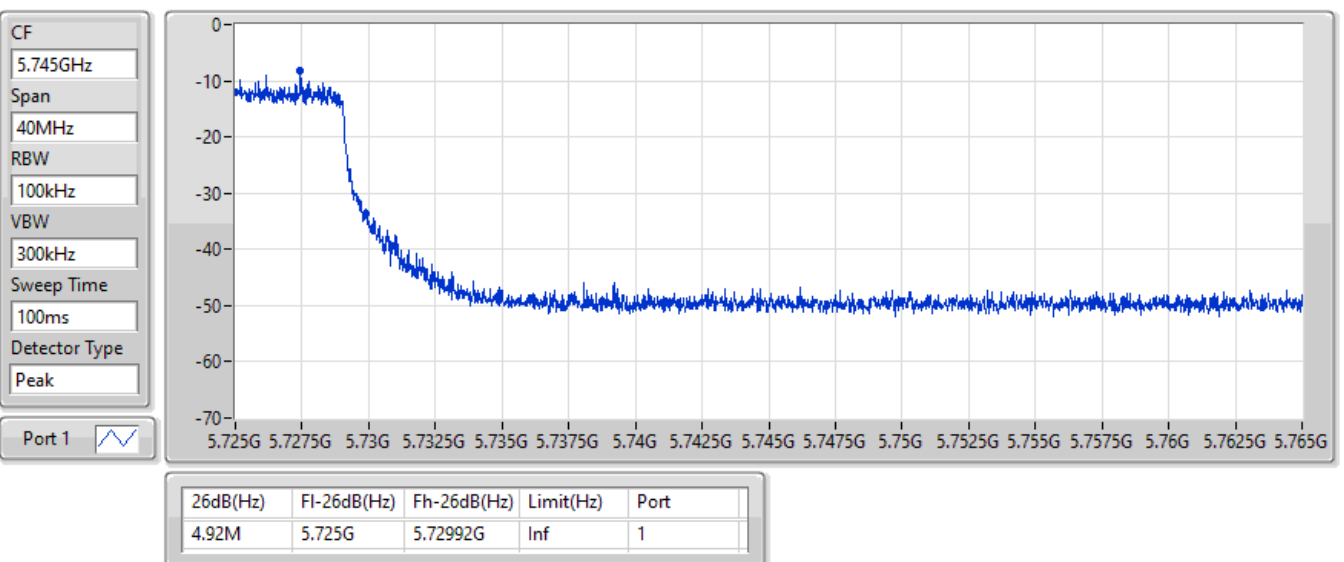


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

25/08/2022

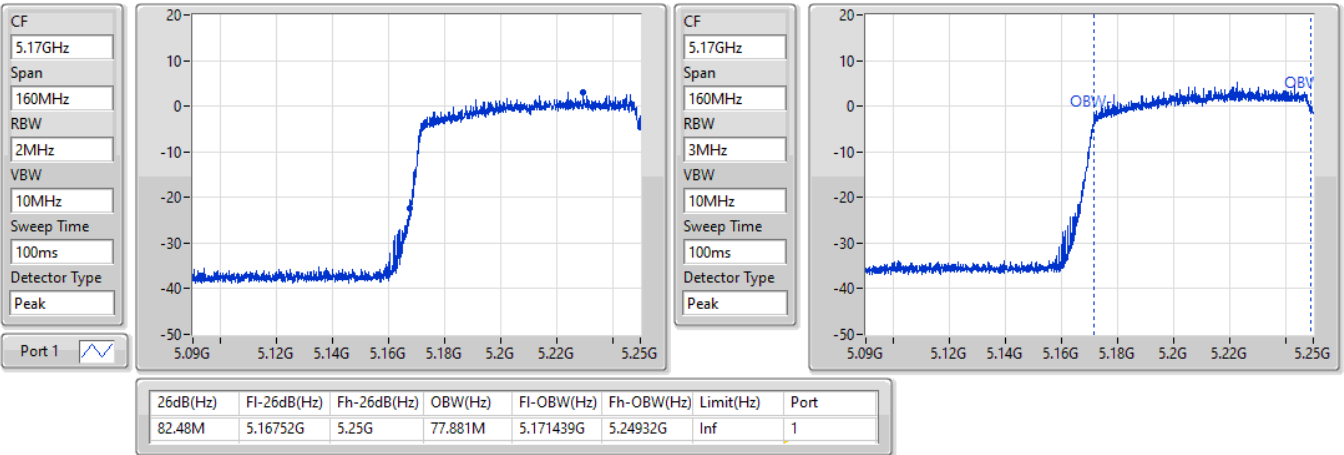


802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

25/08/2022

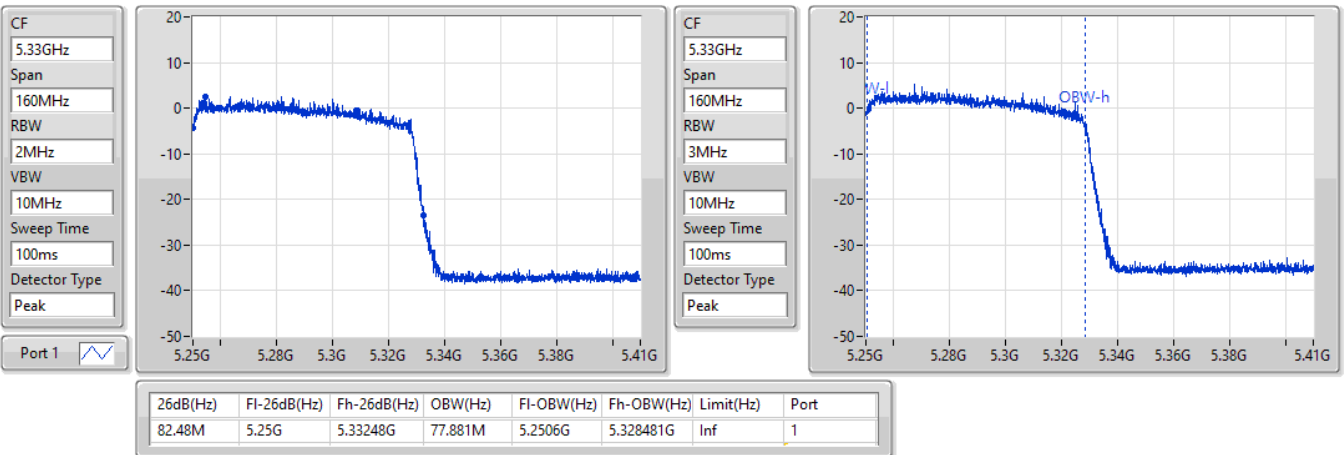


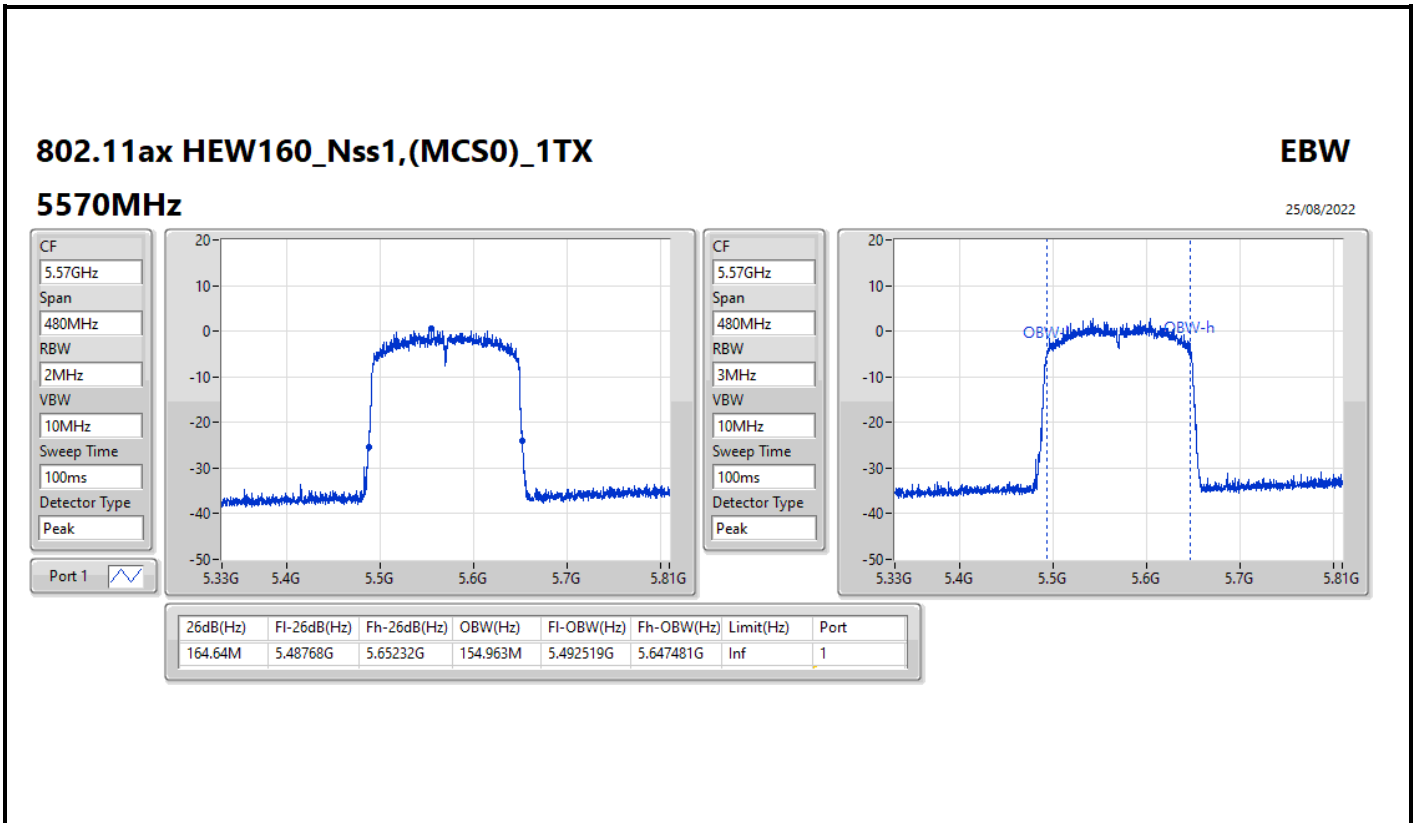
802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

25/08/2022







Average Power_Iron R1_Antenna set 3_Non beamforming mode_
P to M_P to P

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.08	0.10186
802.11ax HEW20_Nss1,(MCS0)_1TX	20.27	0.10641
802.11ax HEW40_Nss1,(MCS0)_1TX	20.33	0.10789
802.11ax HEW80_Nss1,(MCS0)_1TX	18.47	0.07031
802.11a_Nss1,(6Mbps)_2TX	23.62	0.23014
802.11ax HEW20_Nss1,(MCS0)_2TX	23.97	0.24946
802.11ax HEW40_Nss1,(MCS0)_2TX	23.72	0.23550
802.11ax HEW80_Nss1,(MCS0)_2TX	21.48	0.14060
802.11a_Nss1,(6Mbps)_4TX	20.85	0.12162
802.11ax HEW20_Nss1,(MCS0)_4TX	21.23	0.13274
802.11ax HEW40_Nss1,(MCS0)_4TX	23.35	0.21627
802.11ax HEW80_Nss1,(MCS0)_4TX	16.14	0.04111
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.65	0.09226
802.11ax HEW20_Nss1,(MCS0)_1TX	19.78	0.09506
802.11ax HEW40_Nss1,(MCS0)_1TX	19.93	0.09840
802.11ax HEW80_Nss1,(MCS0)_1TX	19.69	0.09311
802.11a_Nss1,(6Mbps)_2TX	23.64	0.23121
802.11ax HEW20_Nss1,(MCS0)_2TX	23.95	0.24831
802.11ax HEW40_Nss1,(MCS0)_2TX	23.62	0.23014
802.11ax HEW80_Nss1,(MCS0)_2TX	23.87	0.24378
802.11a_Nss1,(6Mbps)_4TX	20.95	0.12445
802.11ax HEW20_Nss1,(MCS0)_4TX	21.61	0.14488
802.11ax HEW40_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ax HEW80_Nss1,(MCS0)_4TX	23.65	0.23174
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.81	0.01517
802.11ax HEW20_Nss1,(MCS0)_1TX	12.72	0.01871
802.11ax HEW40_Nss1,(MCS0)_1TX	8.77	0.00753
802.11ax HEW80_Nss1,(MCS0)_1TX	5.01	0.00317
802.11a_Nss1,(6Mbps)_2TX	15.84	0.03837
802.11ax HEW20_Nss1,(MCS0)_2TX	16.59	0.04560
802.11ax HEW40_Nss1,(MCS0)_2TX	13.75	0.02371
802.11ax HEW80_Nss1,(MCS0)_2TX	10.01	0.01002
802.11a_Nss1,(6Mbps)_4TX	13.11	0.02046
802.11ax HEW20_Nss1,(MCS0)_4TX	14.42	0.02767
802.11ax HEW40_Nss1,(MCS0)_4TX	13.43	0.02203
802.11ax HEW80_Nss1,(MCS0)_4TX	9.76	0.00946



Average Power_Iron R1_Antenna set 3_Non beamforming mode_
P to M_P to P

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	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	20.08				20.08	23.98
5300MHz	Pass	3.00	19.86				19.86	23.98
5320MHz	Pass	3.00	19.68				19.68	23.98
5500MHz	Pass	3.00	19.65				19.65	23.88
5580MHz	Pass	3.00	19.19				19.19	23.89
5700MHz	Pass	3.00	19.01				19.01	23.97
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	18.40				18.40	22.84
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	11.81				11.81	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	20.27				20.27	23.98
5300MHz	Pass	3.00	20.02				20.02	23.98
5320MHz	Pass	3.00	19.70				19.70	23.98
5500MHz	Pass	3.00	19.78				19.78	23.98
5580MHz	Pass	3.00	19.32				19.32	23.98
5700MHz	Pass	3.00	19.10				19.10	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	18.41				18.41	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	12.72				12.72	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	20.33				20.33	23.98
5310MHz	Pass	3.00	18.73				18.73	23.98
5510MHz	Pass	3.00	19.43				19.43	23.98
5550MHz	Pass	3.00	19.68				19.68	23.98
5670MHz	Pass	3.00	19.93				19.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	19.17				19.17	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	8.77				8.77	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	18.47				18.47	23.98
5530MHz	Pass	3.00	18.83				18.83	23.98
5610MHz	Pass	3.00	19.69				19.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	19.47				19.47	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	5.01				5.01	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	18.93	21.82			23.62	23.97
5300MHz	Pass	3.00	18.63	21.69			23.43	23.95
5320MHz	Pass	3.00	17.94	21.10			22.81	23.91
5500MHz	Pass	3.00	18.84	21.89			23.64	23.89
5580MHz	Pass	3.00	18.46	21.81			23.46	23.95
5700MHz	Pass	3.00	17.23	20.48			22.16	23.85
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	17.44	20.71			22.39	22.67
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	10.89	14.17			15.84	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	19.09	22.00			23.79	23.98
5300MHz	Pass	3.00	19.23	22.20			23.97	23.98
5320MHz	Pass	3.00	18.05	21.32			23.00	23.98
5500MHz	Pass	3.00	18.57	21.20			23.09	23.98
5580MHz	Pass	3.00	18.89	22.33			23.95	23.98
5700MHz	Pass	3.00	17.68	20.43			22.28	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	18.20	21.04			22.86	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	11.75	14.87			16.59	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	19.12	21.87			23.72	23.98
5310MHz	Pass	3.00	17.34	20.50			22.21	23.98
5510MHz	Pass	3.00	18.21	21.26			23.01	23.98
5550MHz	Pass	3.00	18.84	21.84			23.60	23.98

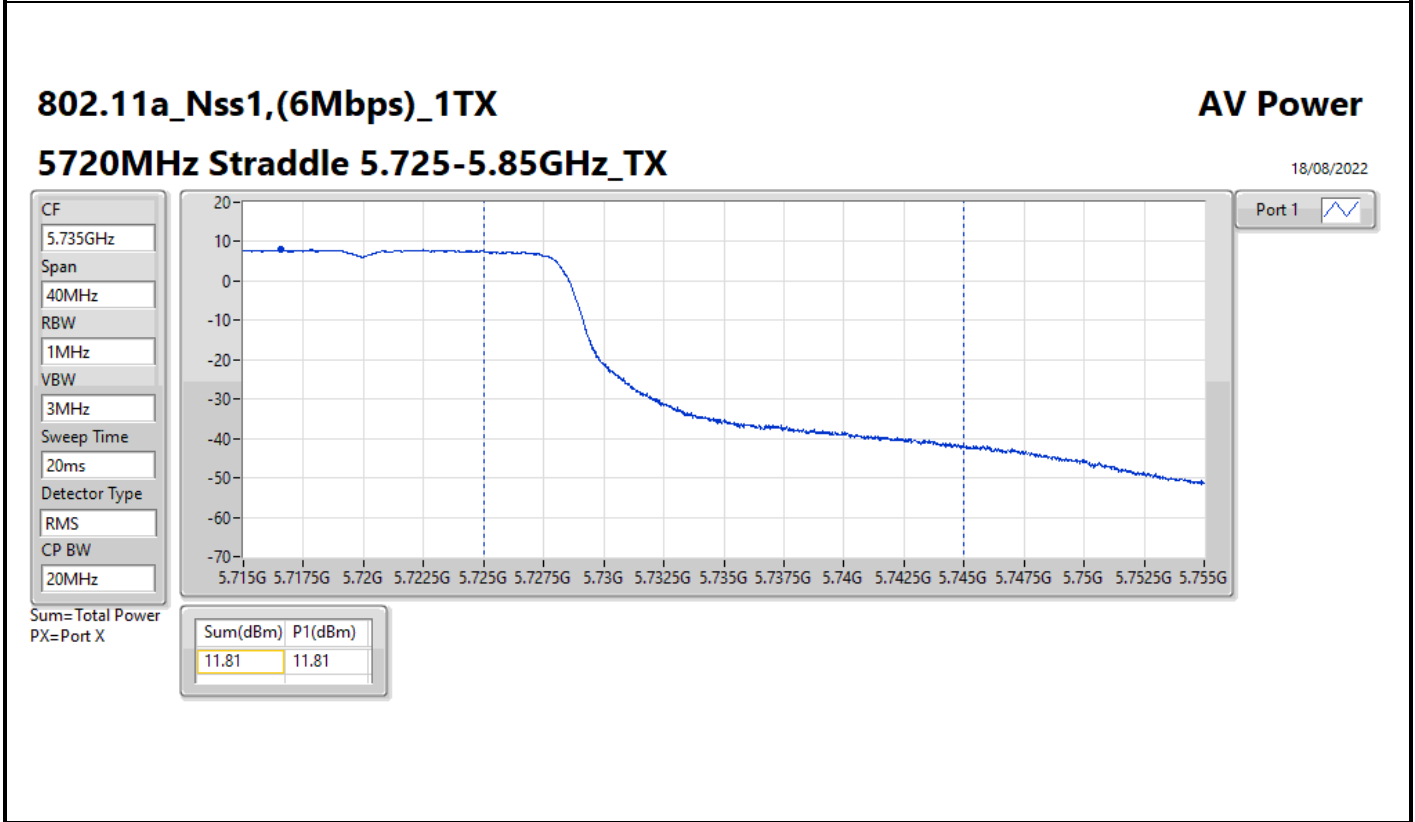
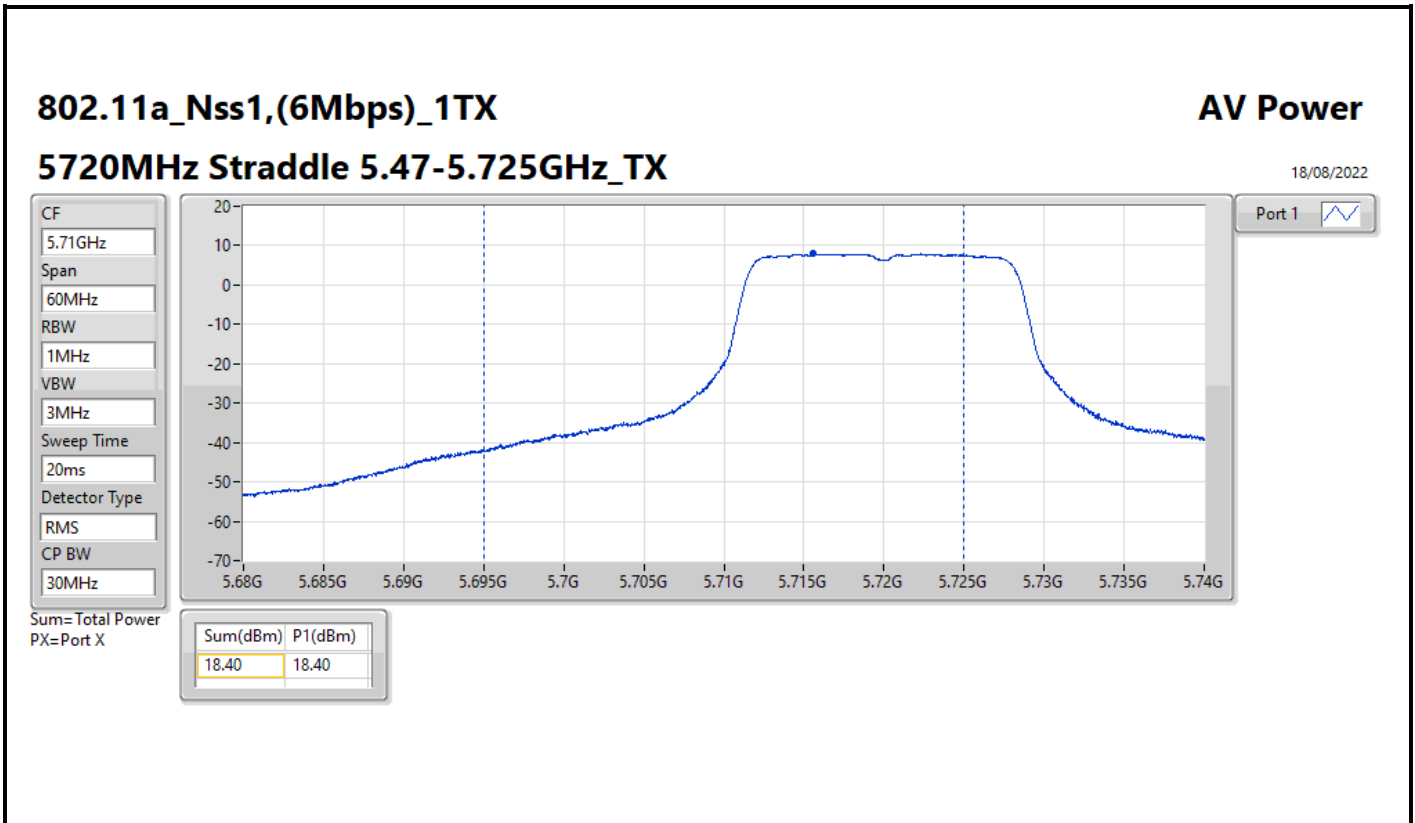


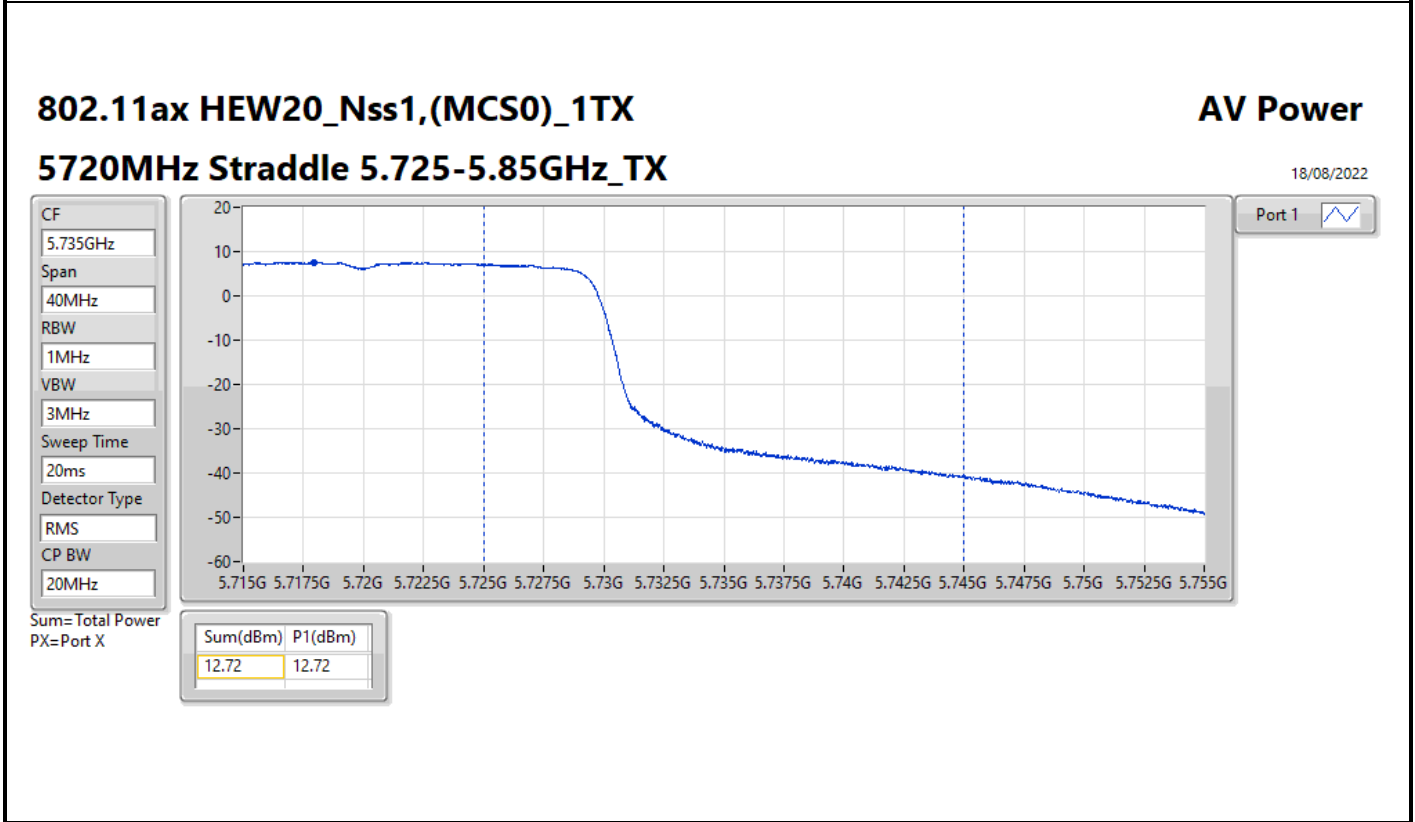
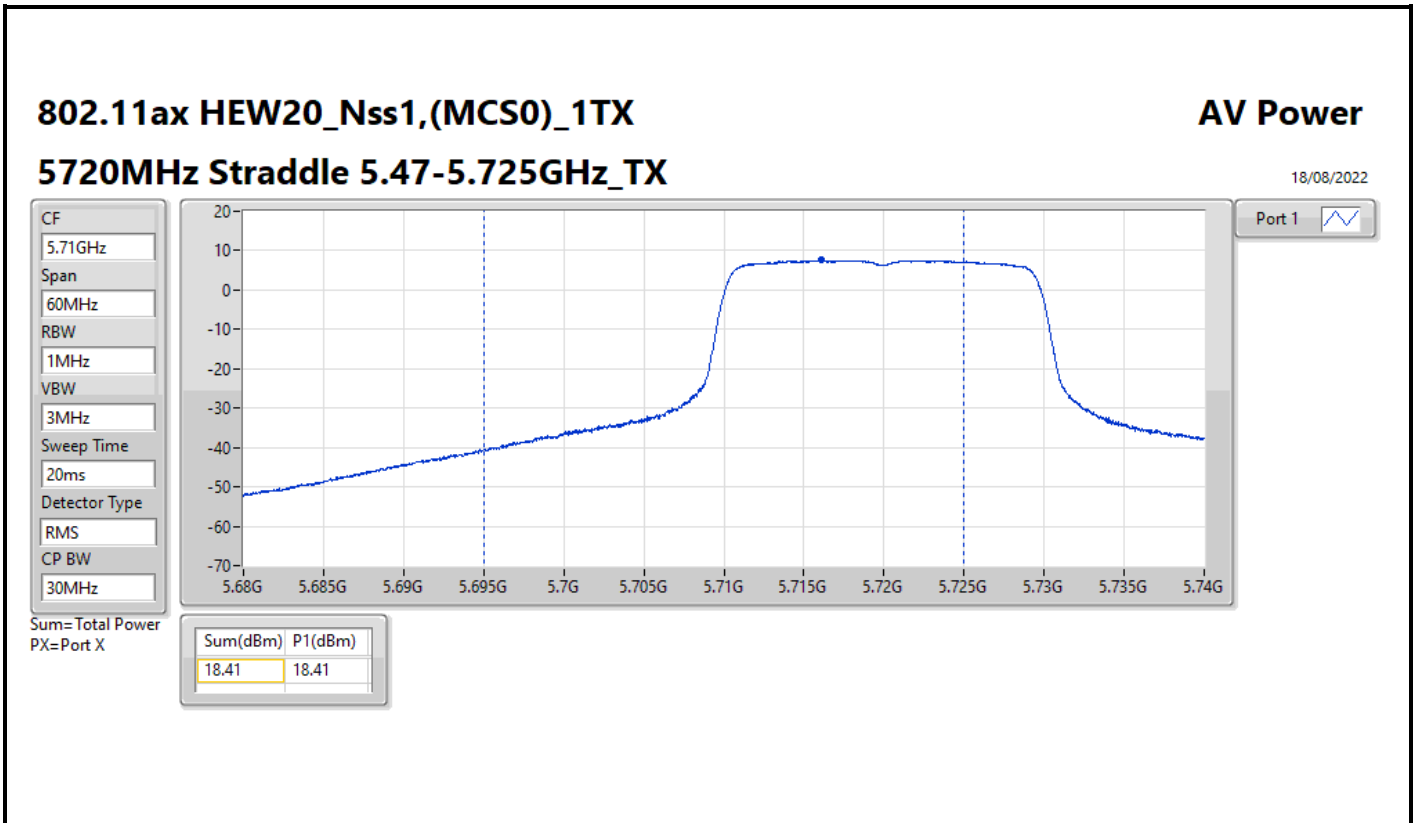
Average Power_Iron R1_Antenna set 3_Non beamforming mode_
P to M_P to P

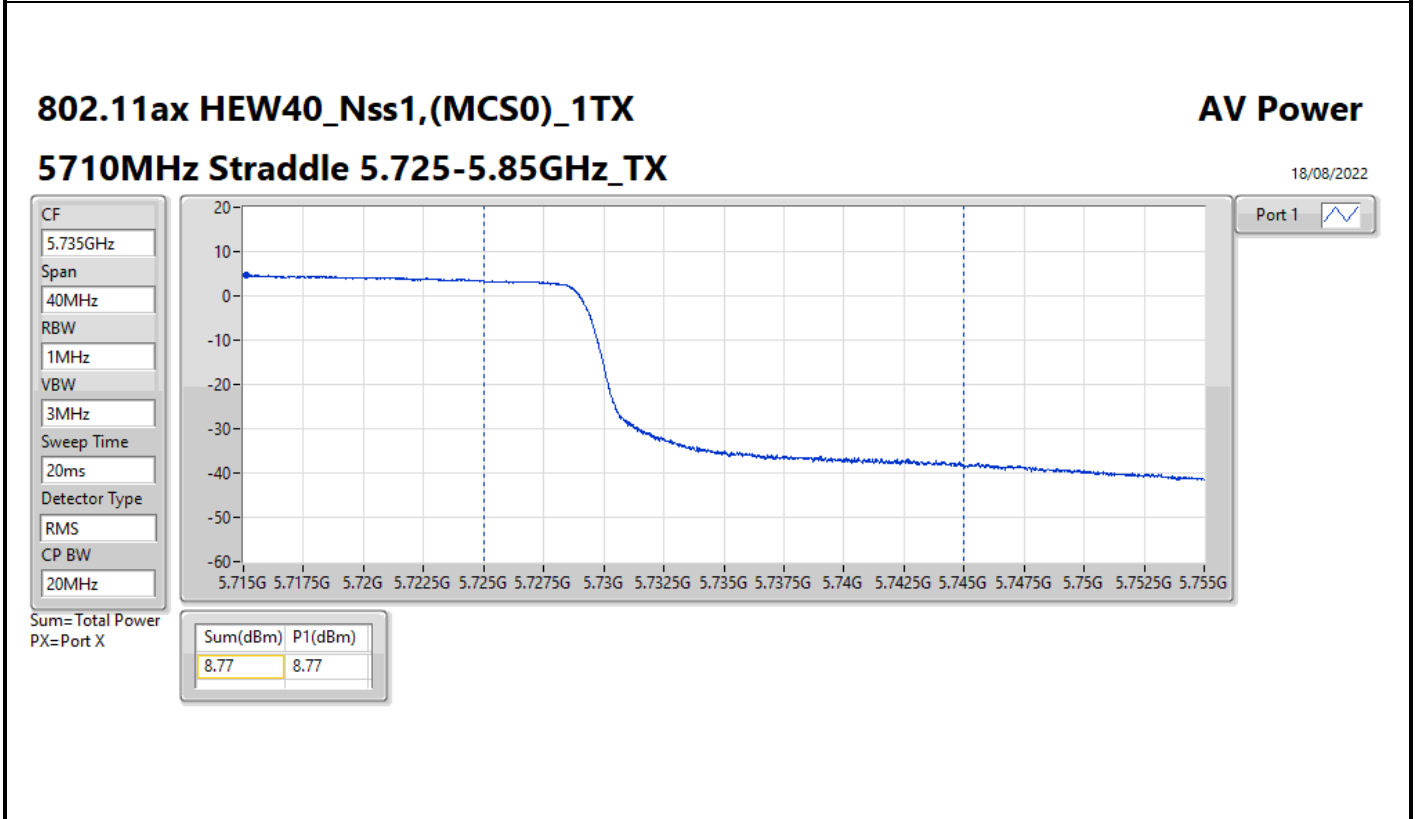
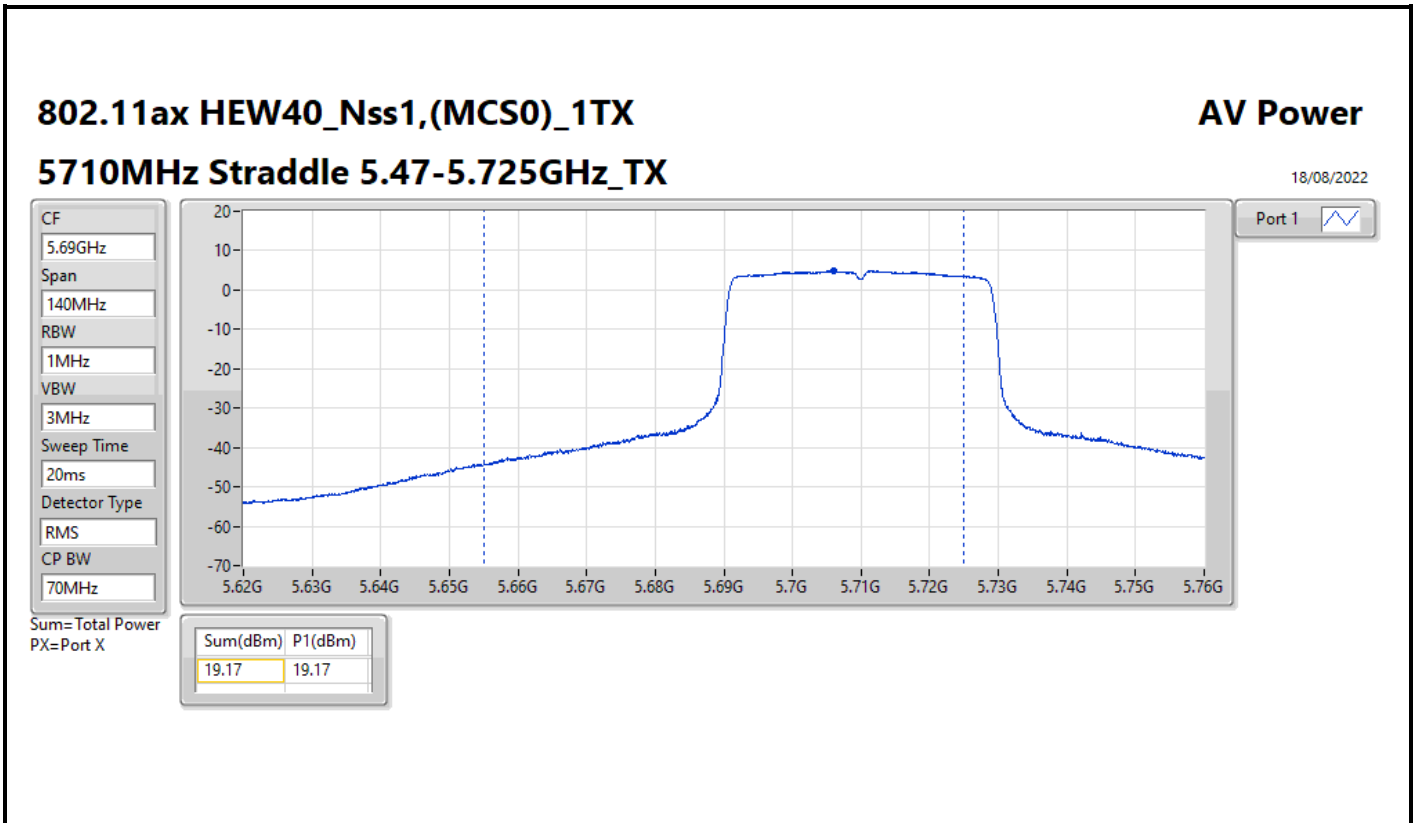
Appendix C.1

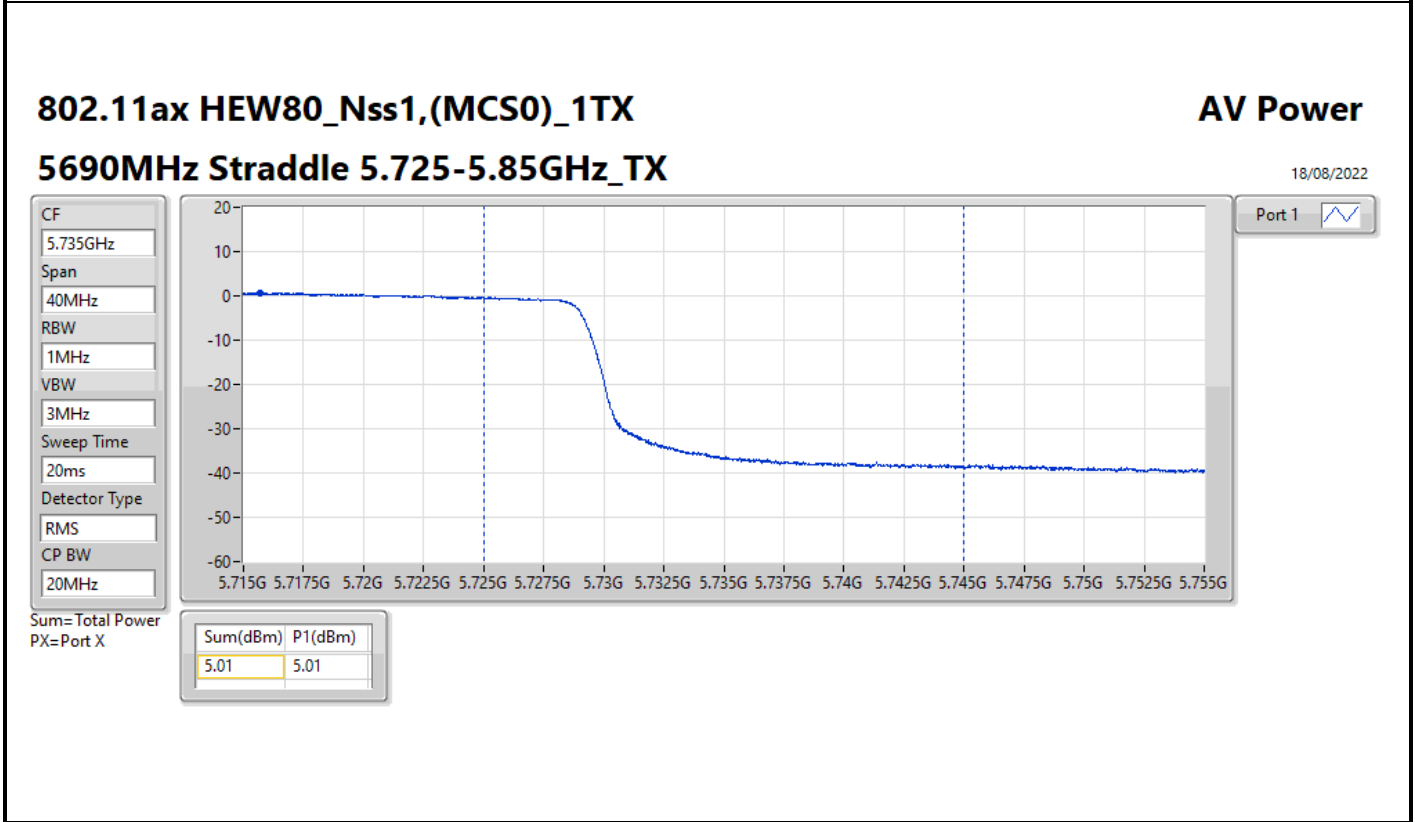
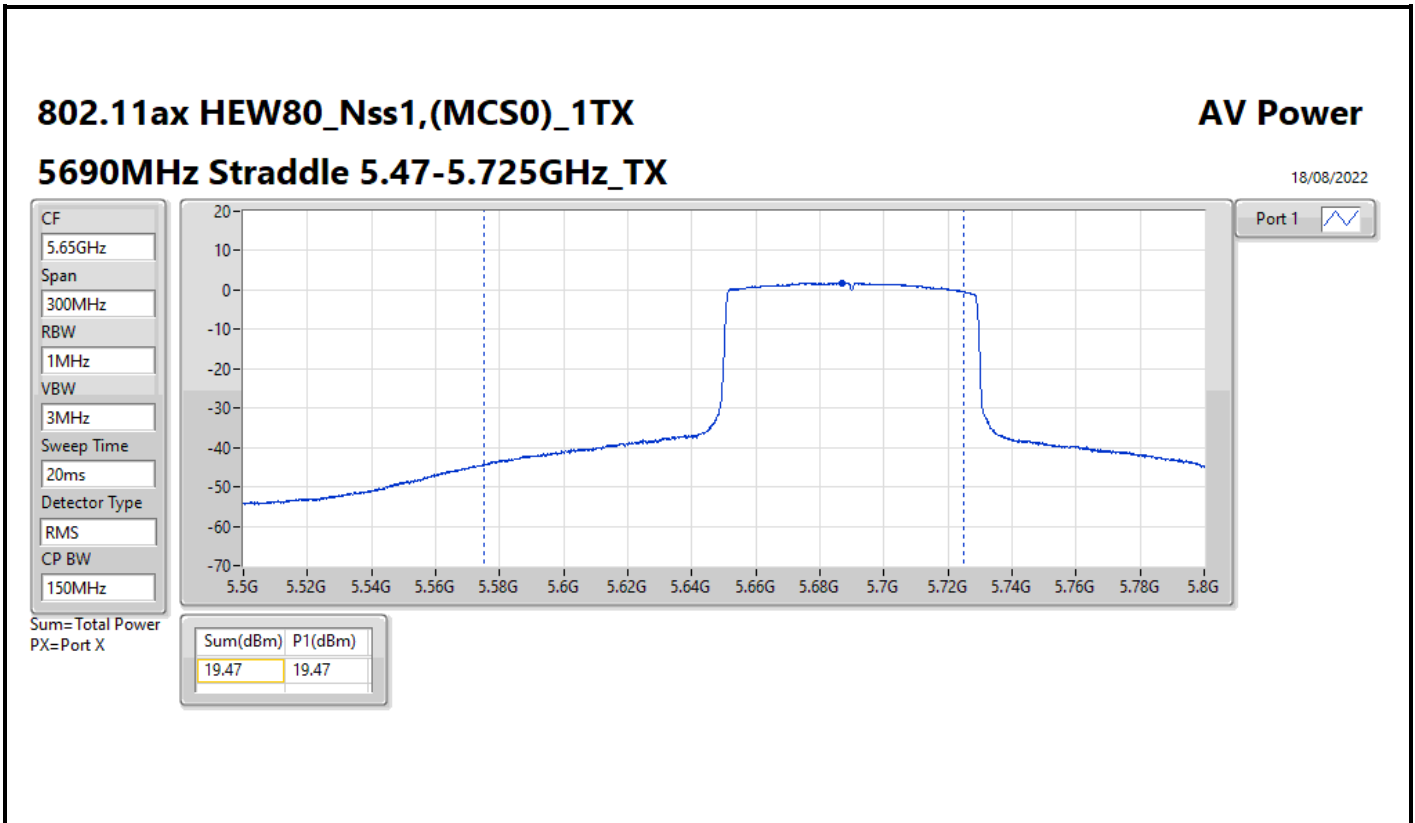
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5670MHz	Pass	3.00	17.53	20.35			22.18	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	18.68	21.94			23.62	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	8.75	12.10			13.75	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	16.73	19.71			21.48	23.98
5530MHz	Pass	3.00	16.18	19.24			20.98	23.98
5610MHz	Pass	3.00	17.56	20.80			22.49	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	18.92	22.20			23.87	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	4.92	8.40			10.01	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	11.91	15.05	15.95	14.01	20.49	23.86
5300MHz	Pass	3.00	12.17	15.61	15.96	14.65	20.85	23.87
5320MHz	Pass	3.00	11.89	15.37	15.51	14.70	20.61	23.87
5500MHz	Pass	3.00	11.60	14.96	16.27	14.77	20.72	23.81
5580MHz	Pass	3.00	12.04	15.67	16.43	14.41	20.95	23.79
5700MHz	Pass	3.00	12.22	15.03	15.93	14.38	20.61	23.79
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	10.94	14.21	14.76	13.86	19.69	22.65
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.34	7.30	7.96	7.35	13.11	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	12.64	15.80	16.71	14.68	21.23	23.98
5300MHz	Pass	3.00	12.39	15.62	16.03	14.78	20.93	23.98
5320MHz	Pass	3.00	12.57	15.93	16.36	15.03	21.22	23.98
5500MHz	Pass	3.00	12.11	15.67	16.89	15.44	21.37	23.98
5580MHz	Pass	3.00	12.74	16.57	16.90	15.02	21.61	23.98
5700MHz	Pass	3.00	12.40	15.59	16.51	15.00	21.14	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	10.75	13.96	14.91	13.75	19.61	22.86
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.70	9.24	9.54	8.17	14.42	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	14.98	17.97	18.45	17.16	23.35	23.98
5310MHz	Pass	3.00	8.87	12.11	12.49	11.68	17.52	23.98
5510MHz	Pass	3.00	11.33	14.75	16.19	14.50	20.54	23.98
5550MHz	Pass	3.00	14.94	17.72	19.13	17.34	23.55	23.98
5670MHz	Pass	3.00	15.51	18.54	18.54	18.51	23.97	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	14.31	17.87	18.53	17.67	23.38	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	4.57	7.83	8.91	7.27	13.43	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	7.41	10.75	11.17	10.26	16.14	23.98
5530MHz	Pass	3.00	9.10	12.54	13.67	12.09	18.16	23.98
5610MHz	Pass	3.00	14.93	17.83	18.72	17.61	23.50	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	14.75	18.21	18.80	17.78	23.65	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	0.94	4.16	5.39	3.33	9.76	30.00

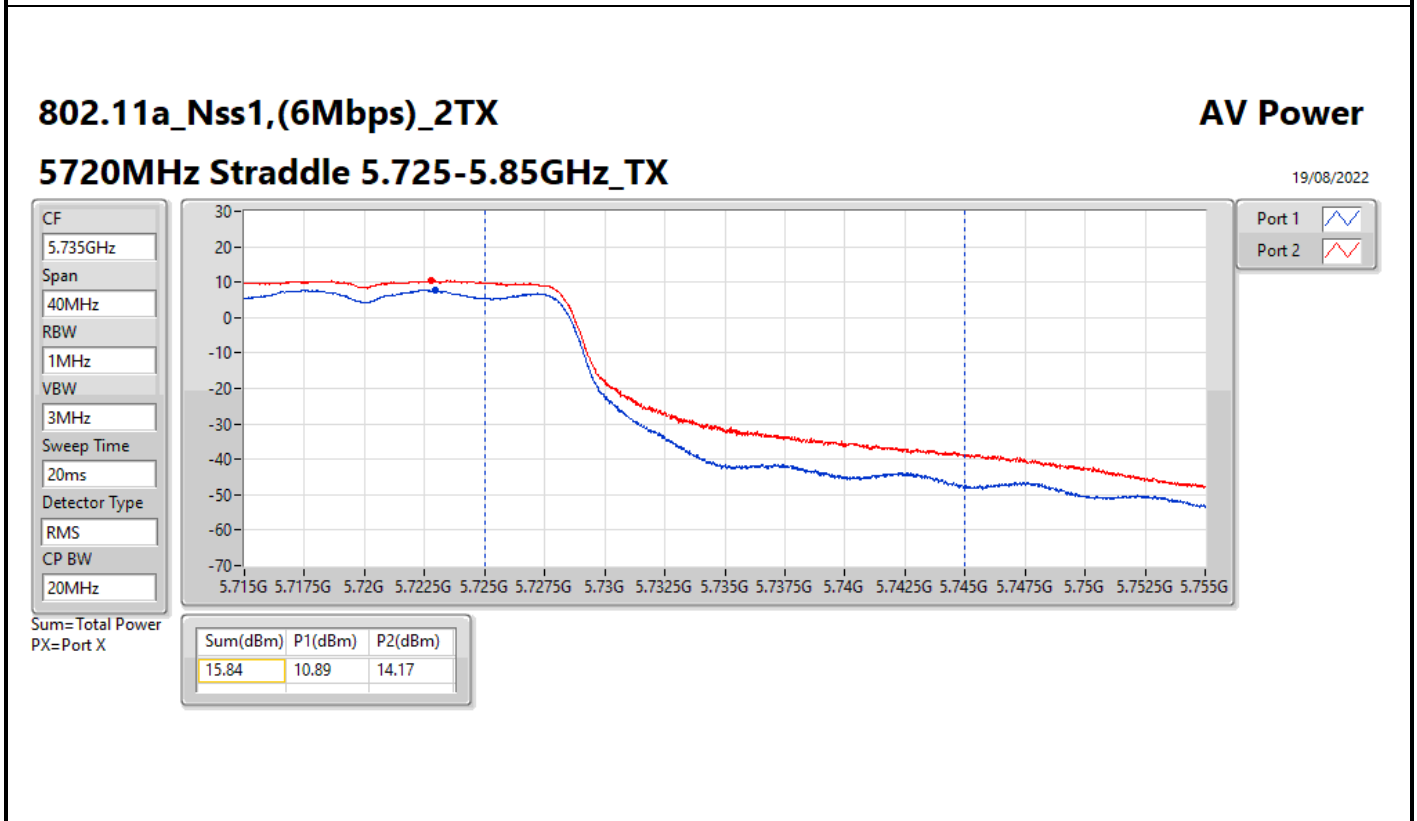
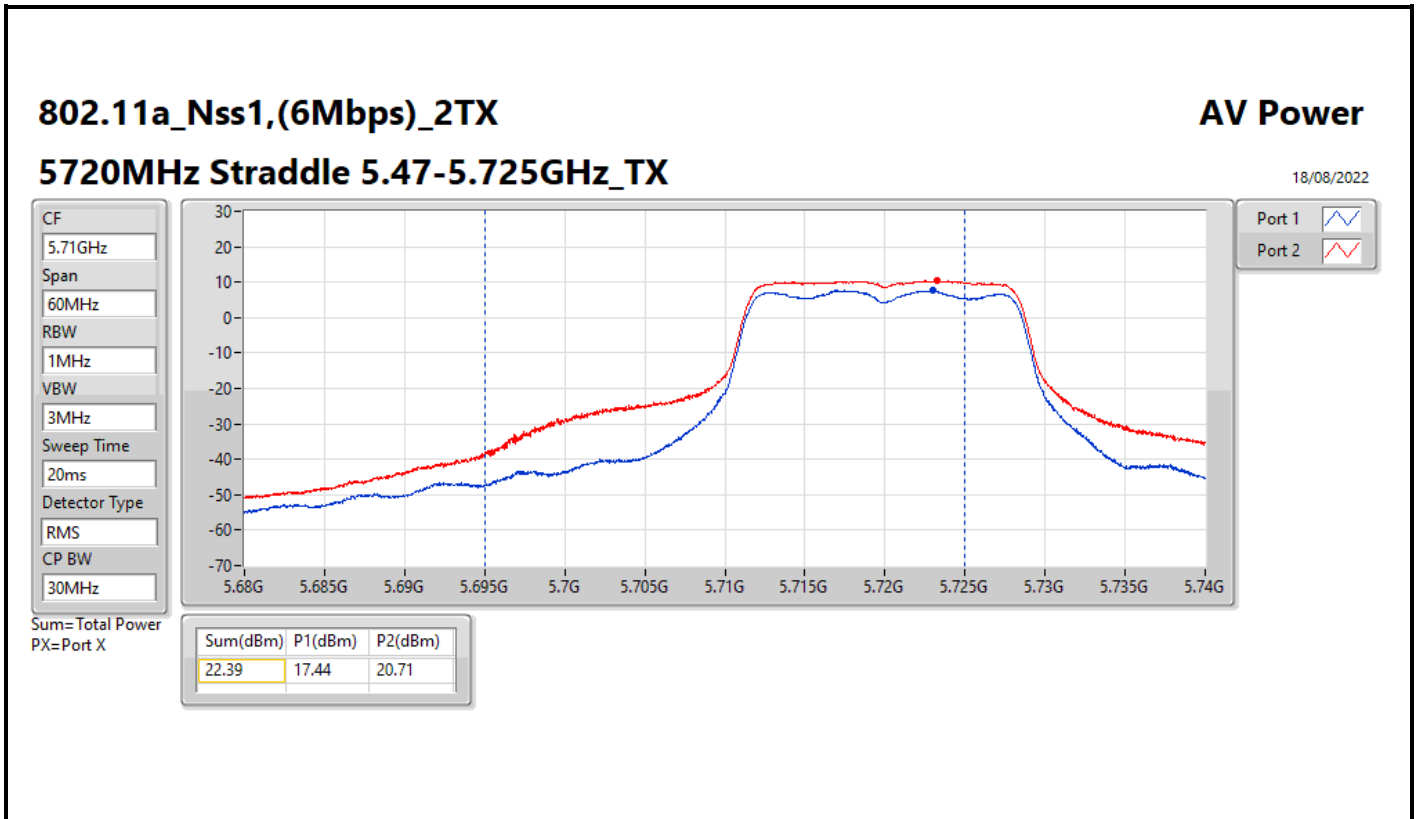
DG = Directional Gain; Port X = Port X output power

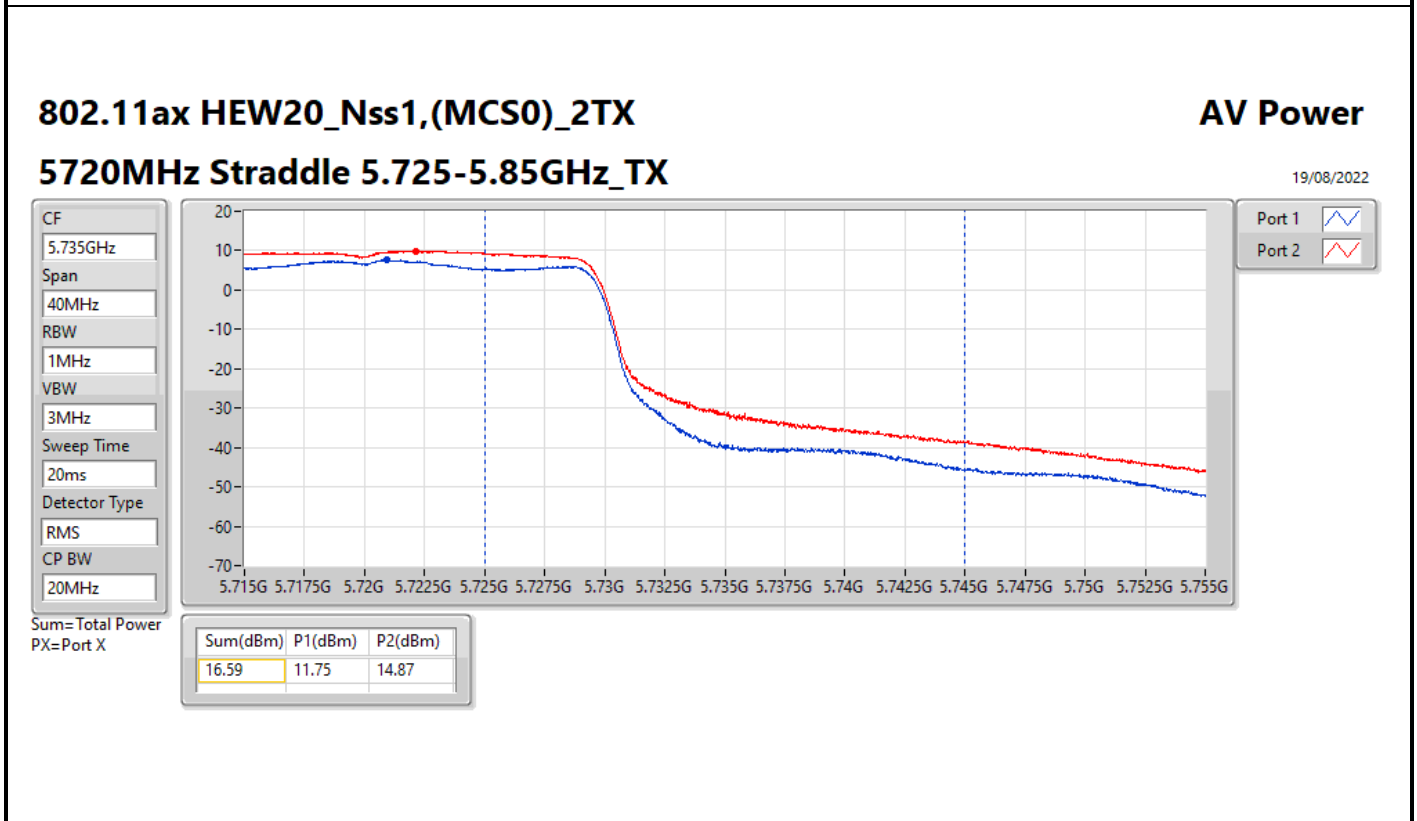
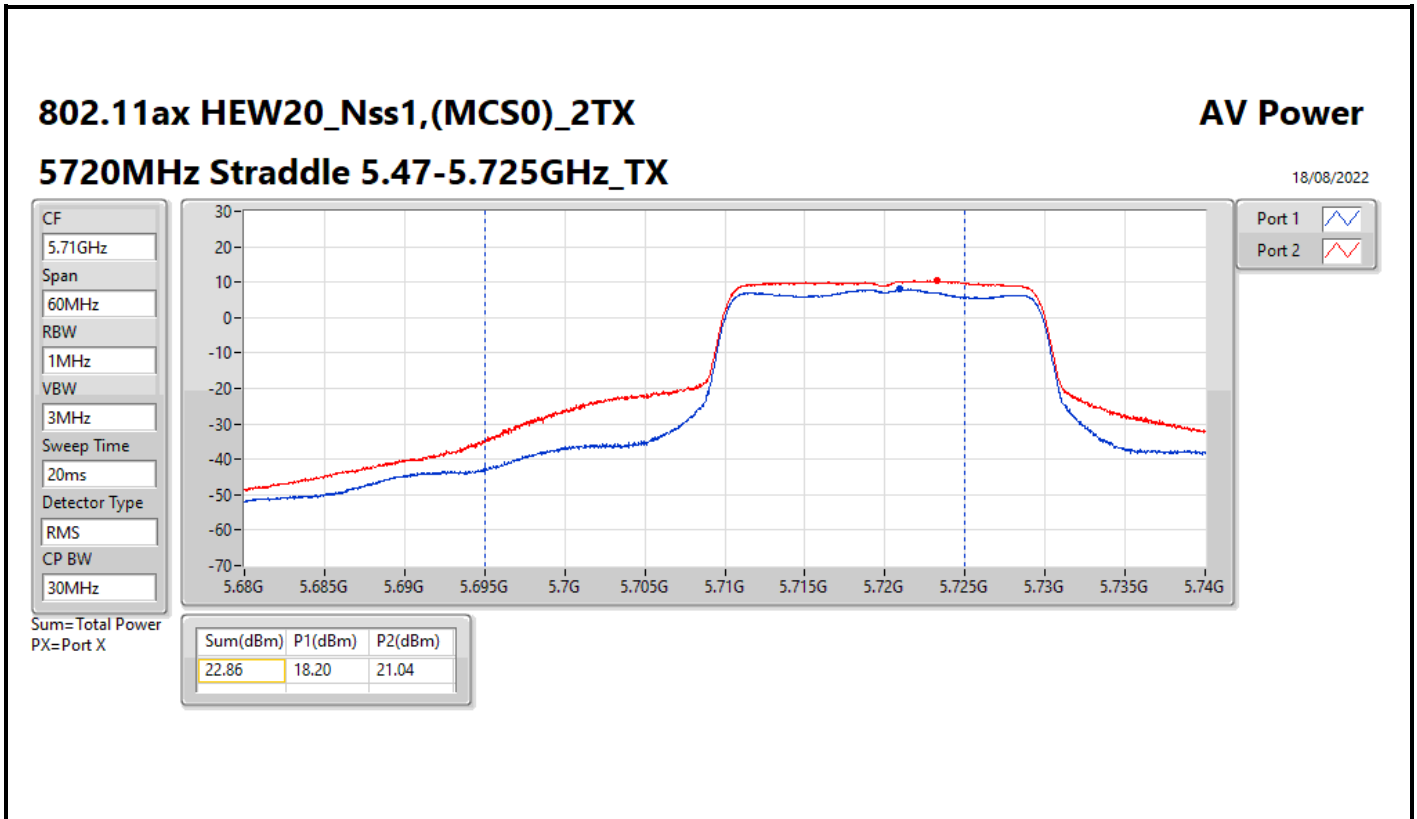


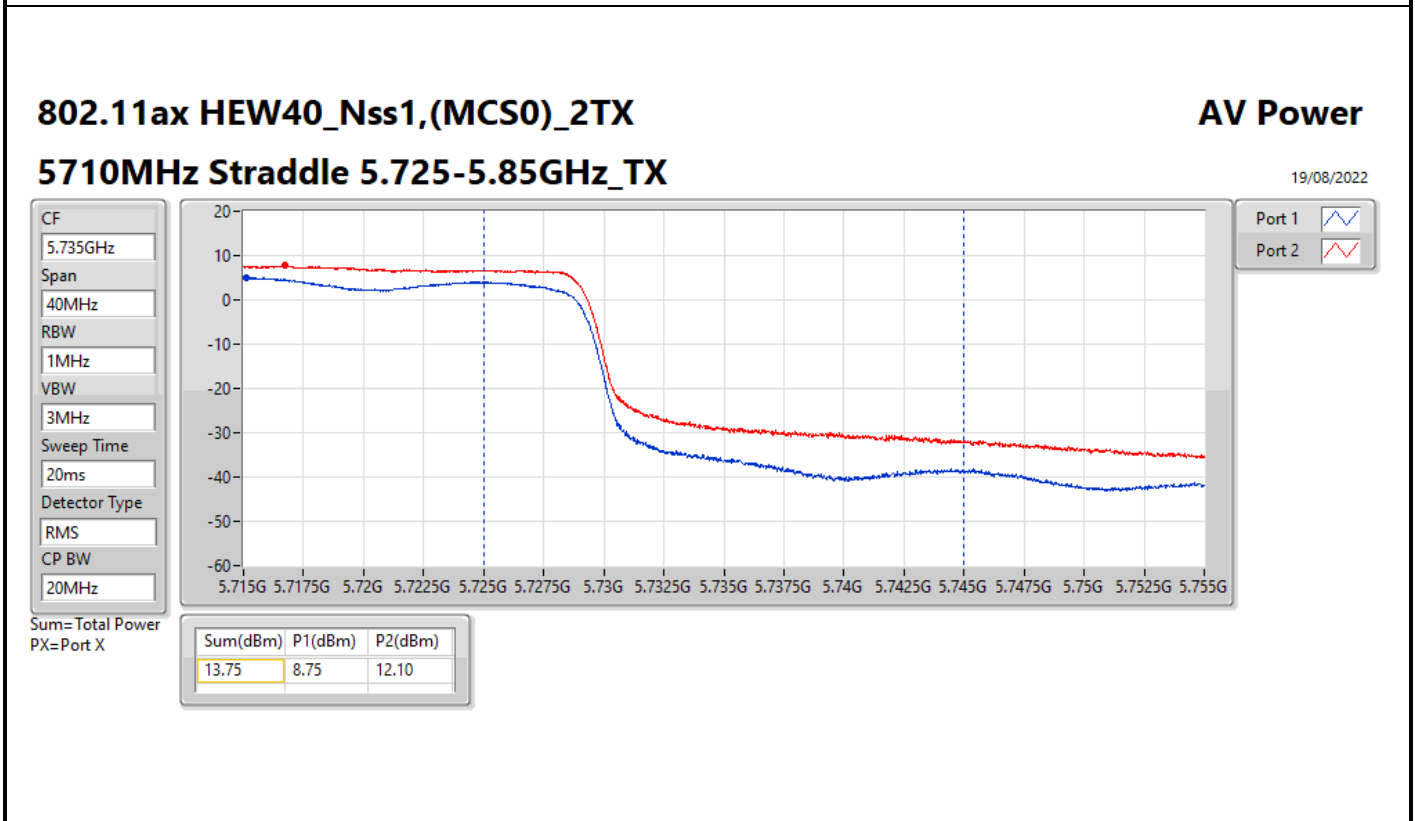
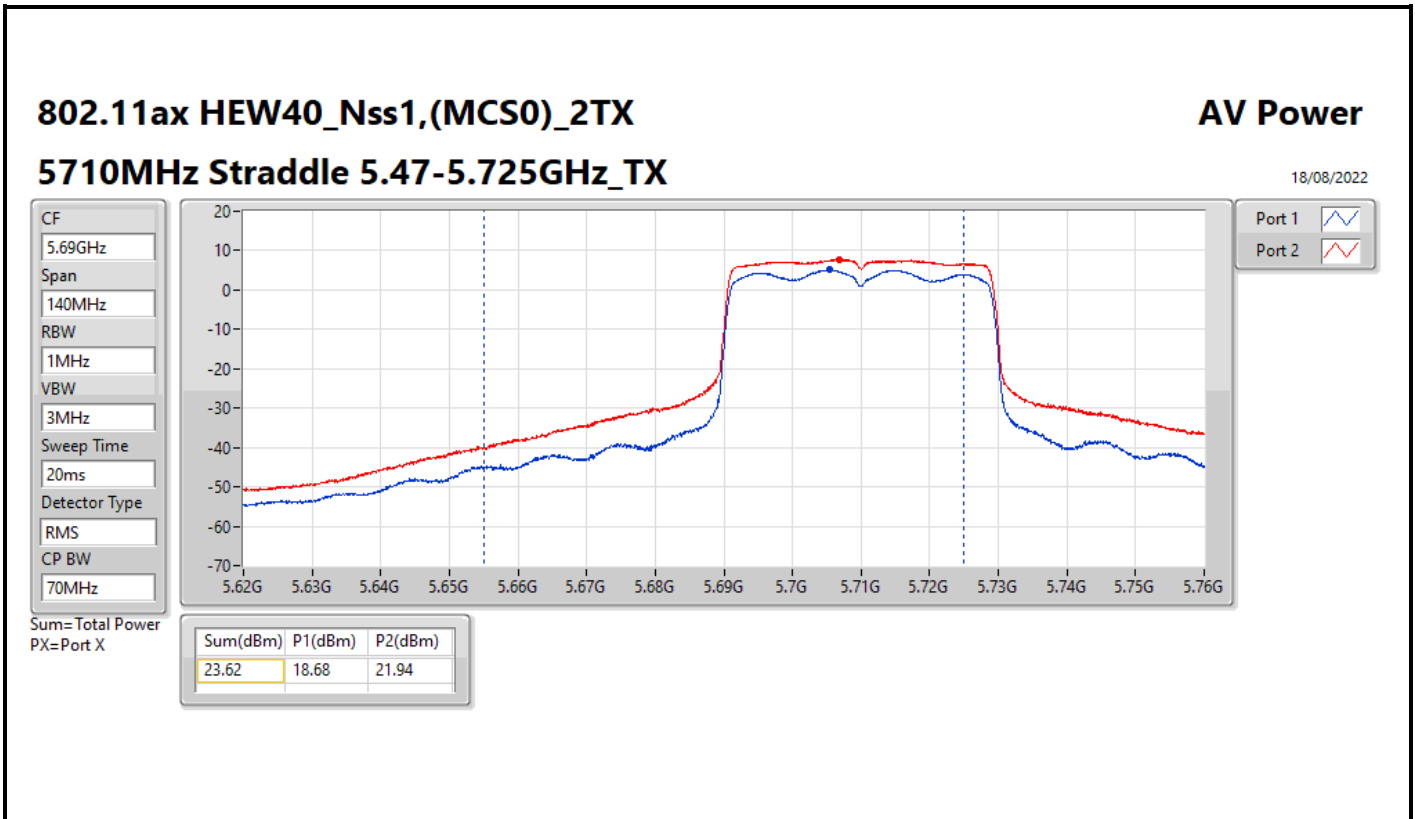


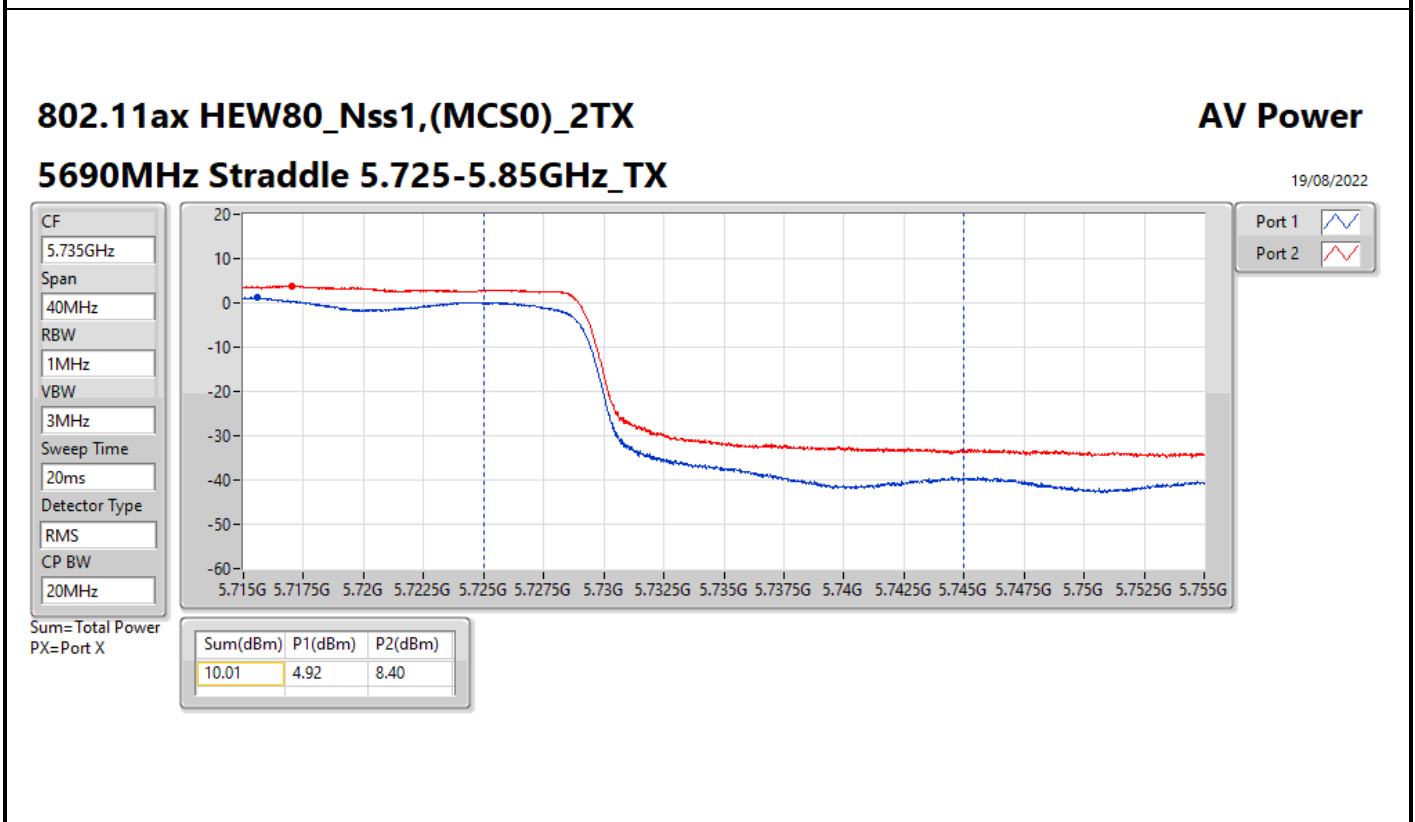
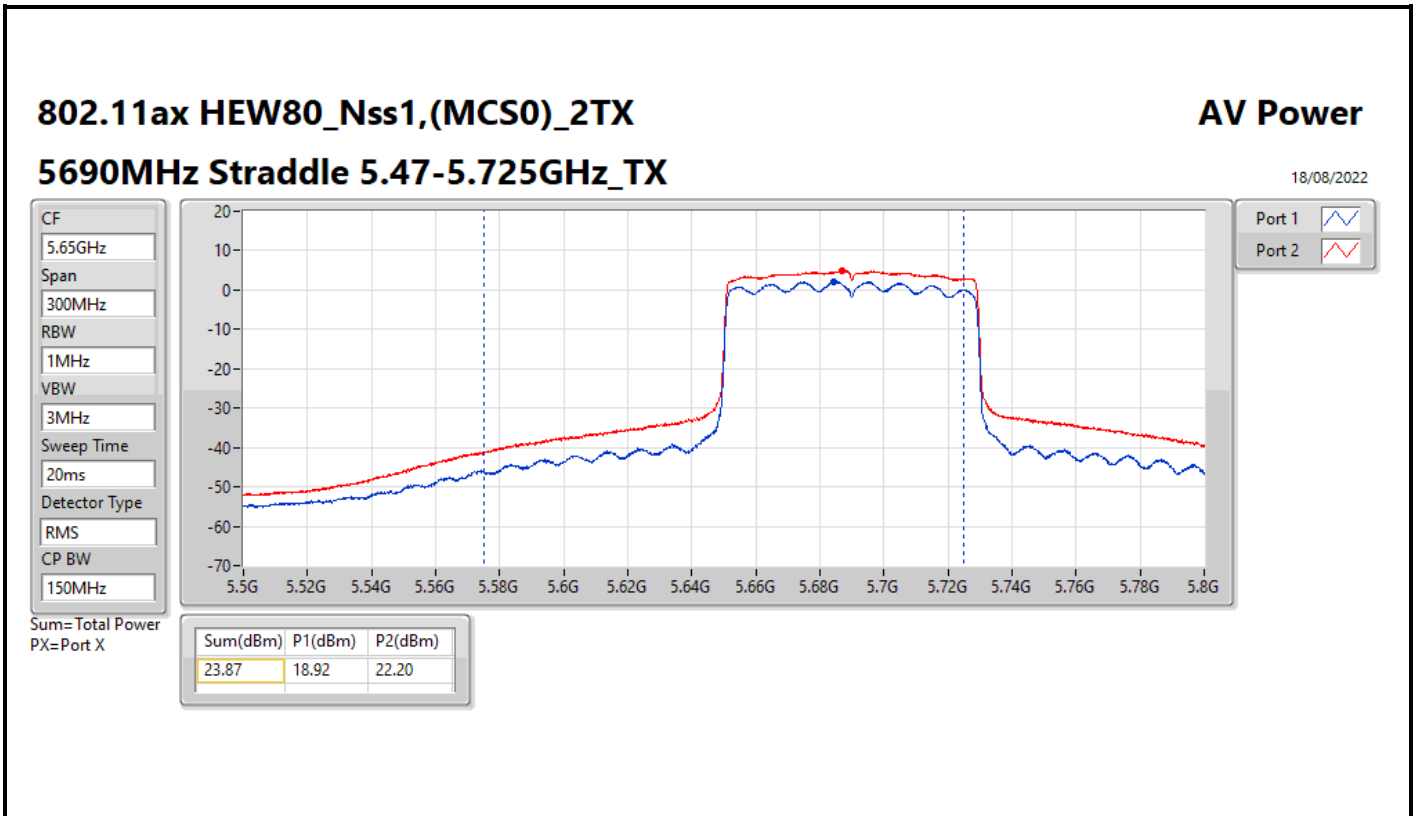


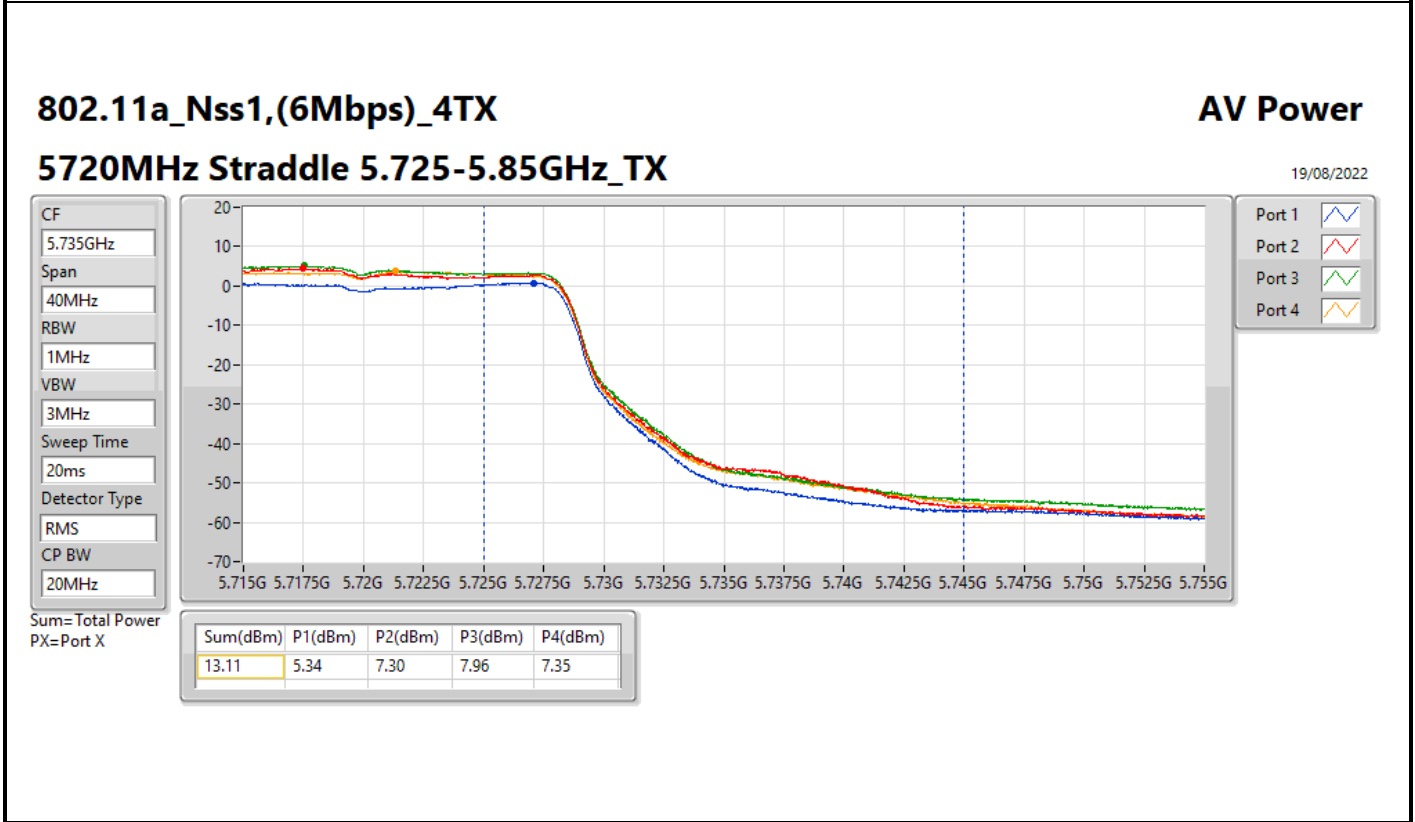
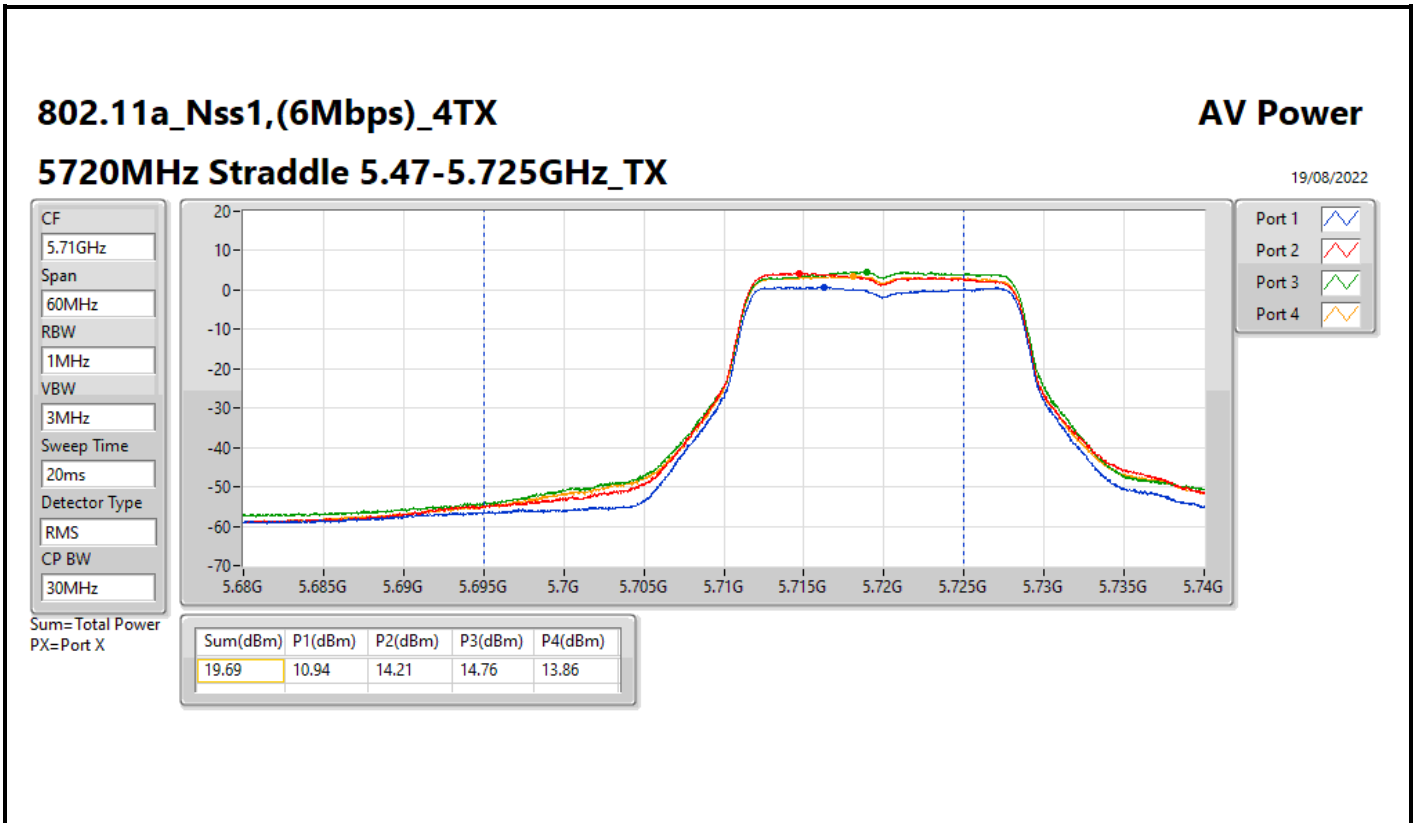


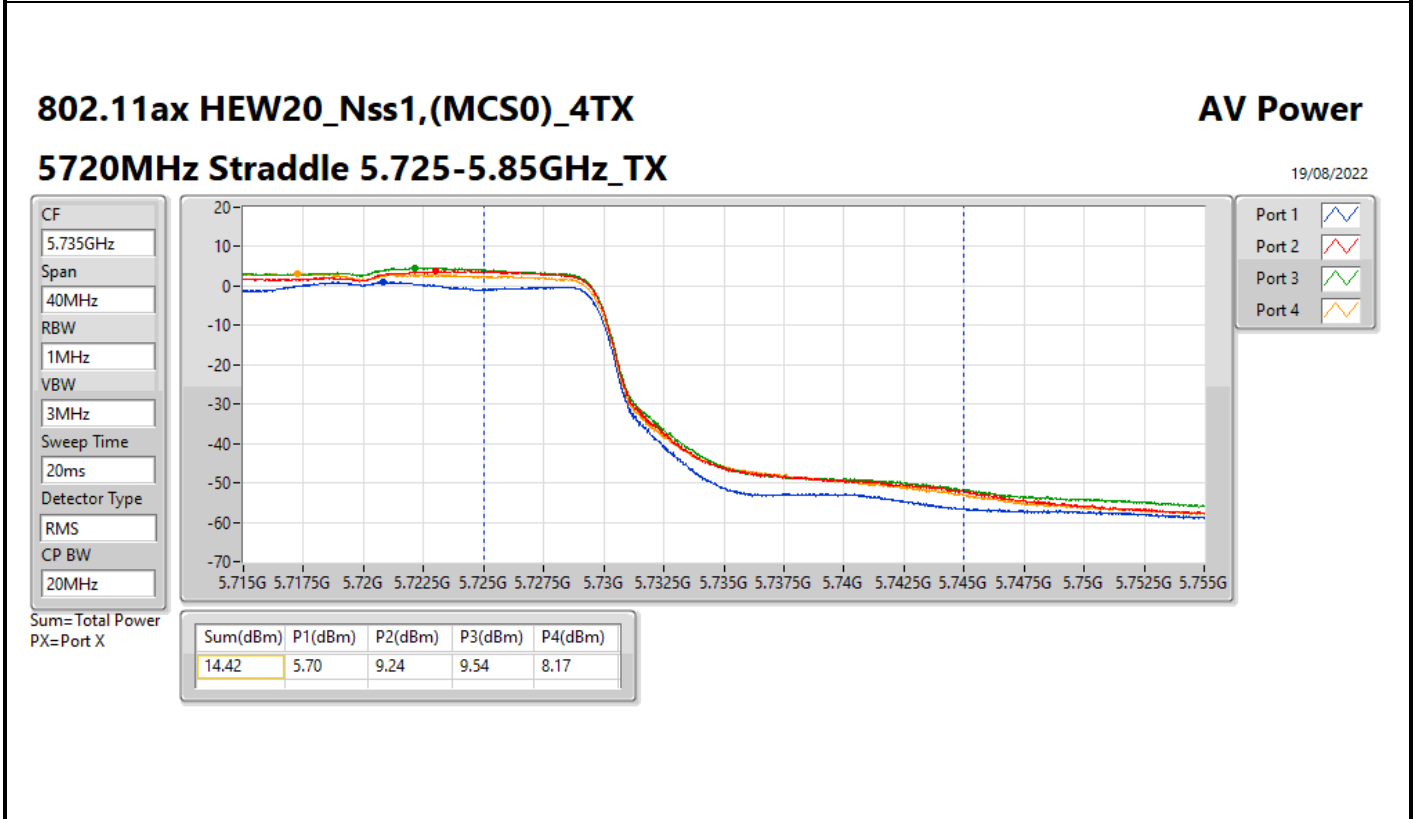
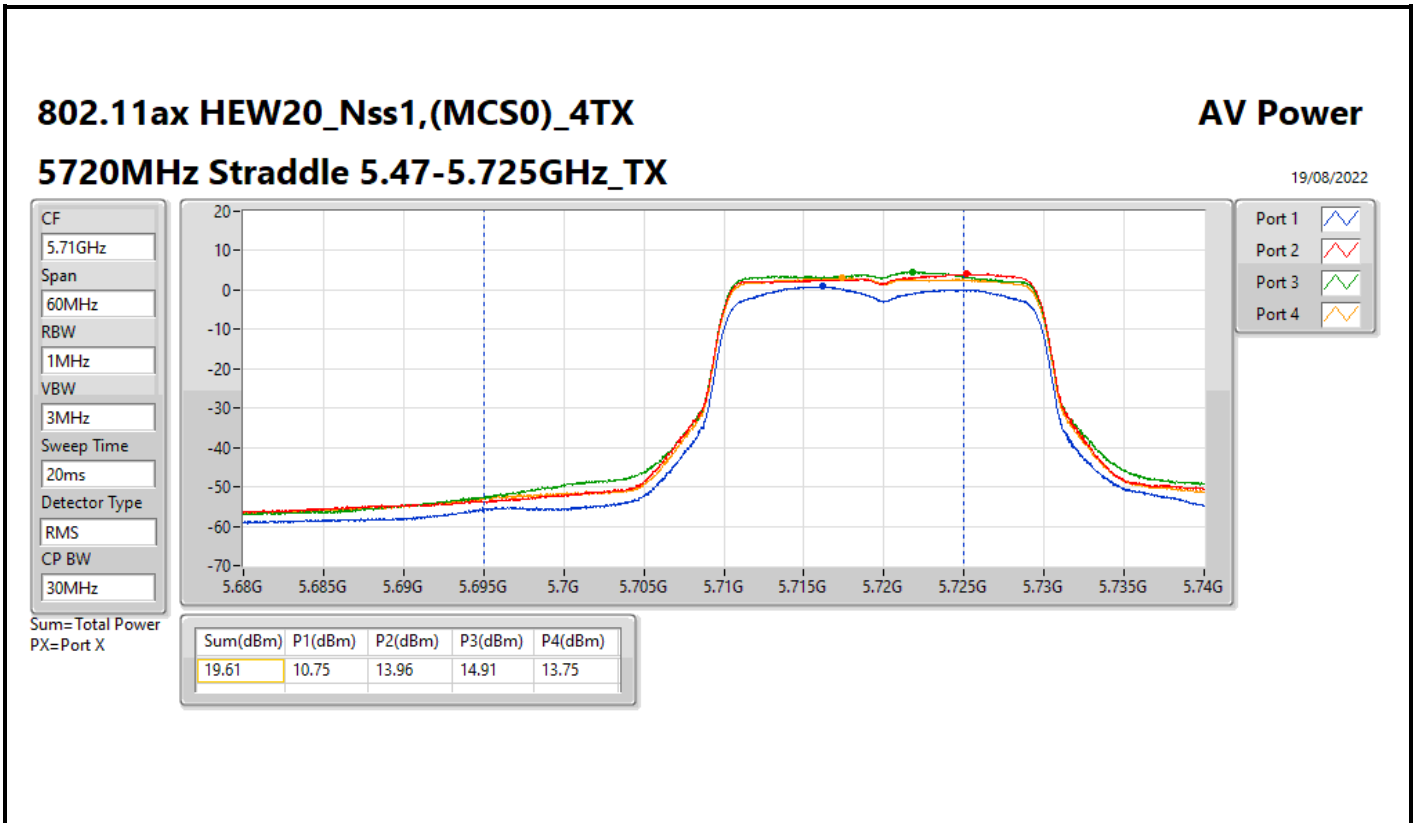


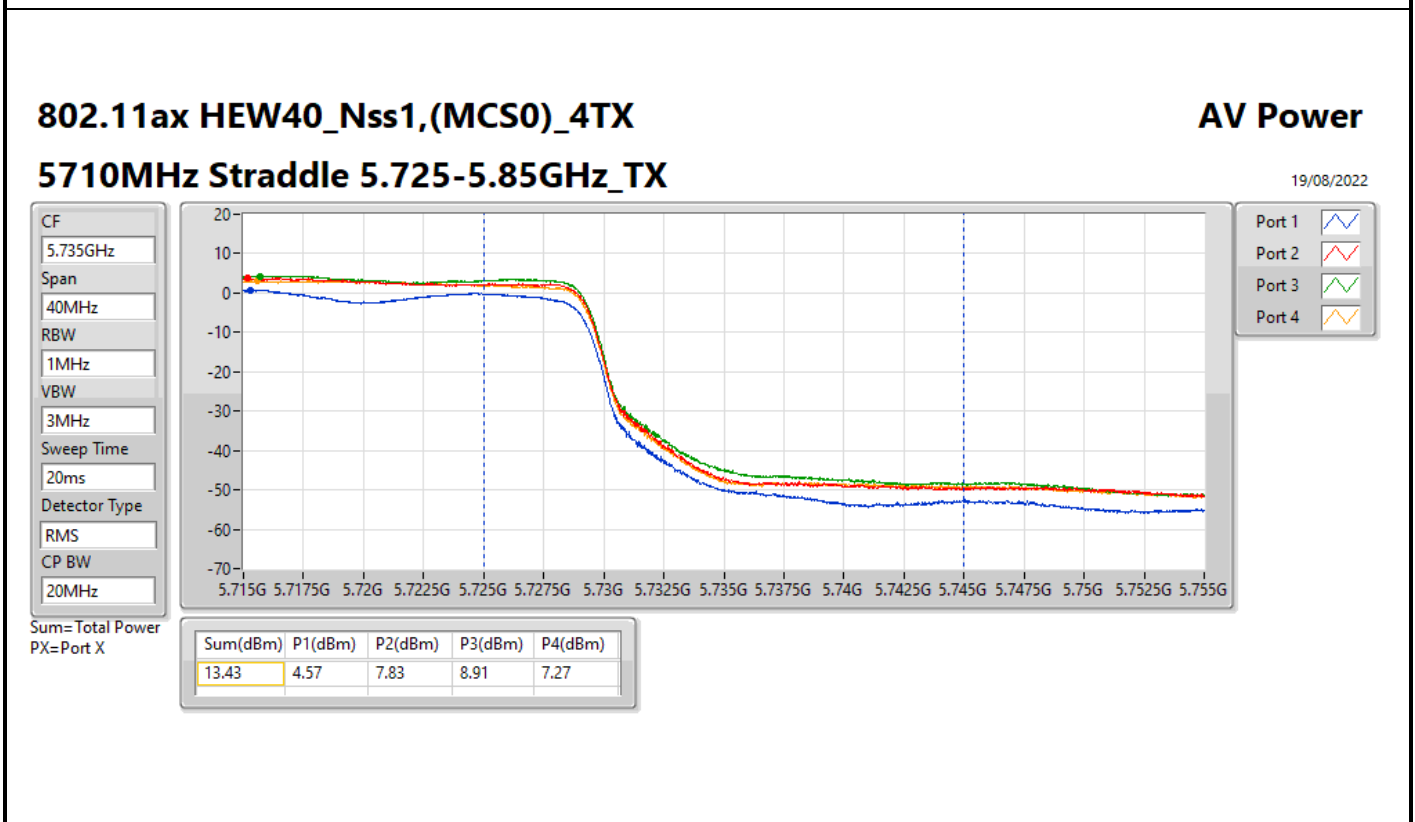
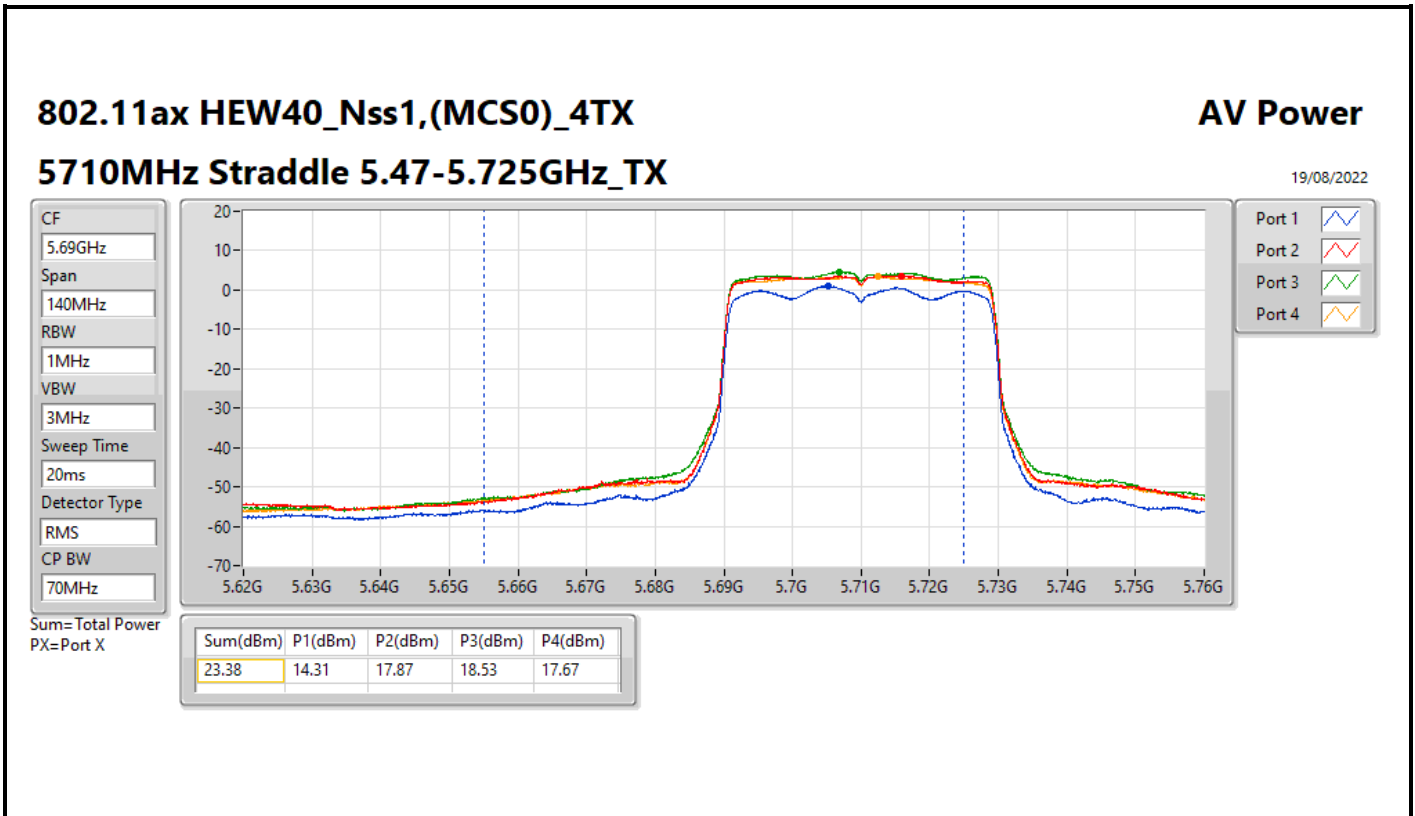


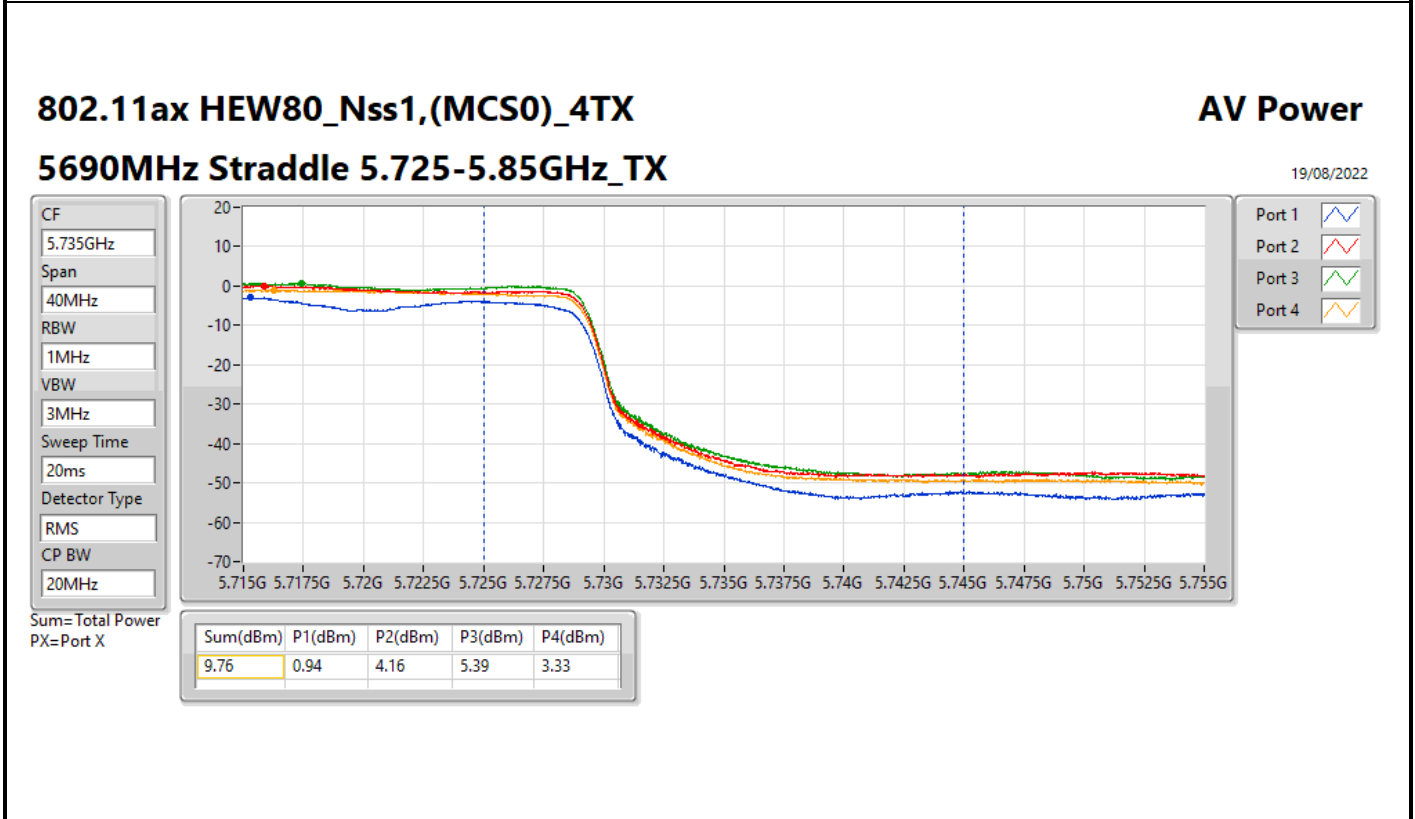
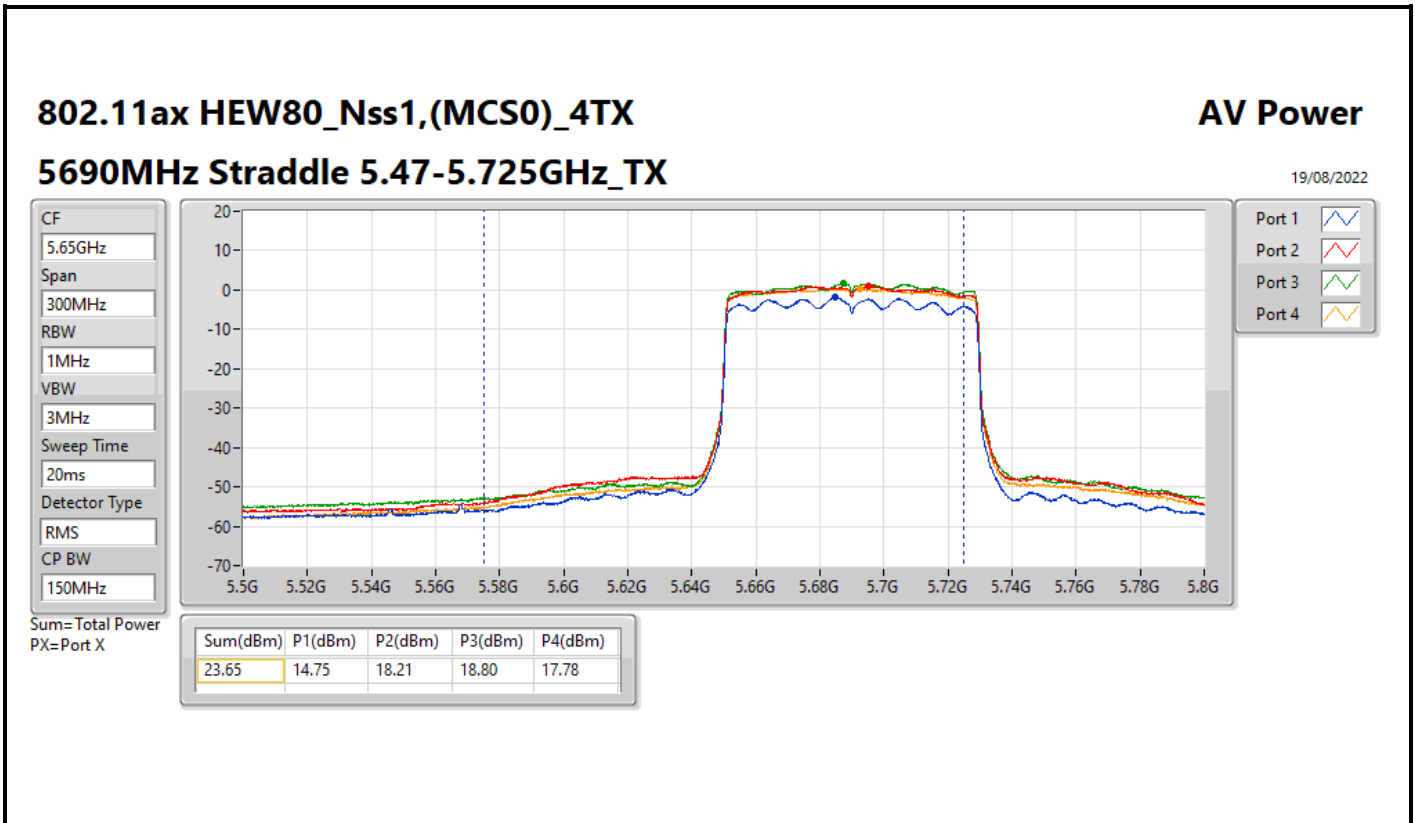














**Average Power_Iron R1_Antenna set 3_Beamforming mode_
P to M_P to P**

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.79	0.23933
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.72	0.23550
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.48	0.14060
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.62	0.23014
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.87	0.24378
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.59	0.04560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	13.75	0.02371
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	10.01	0.01002



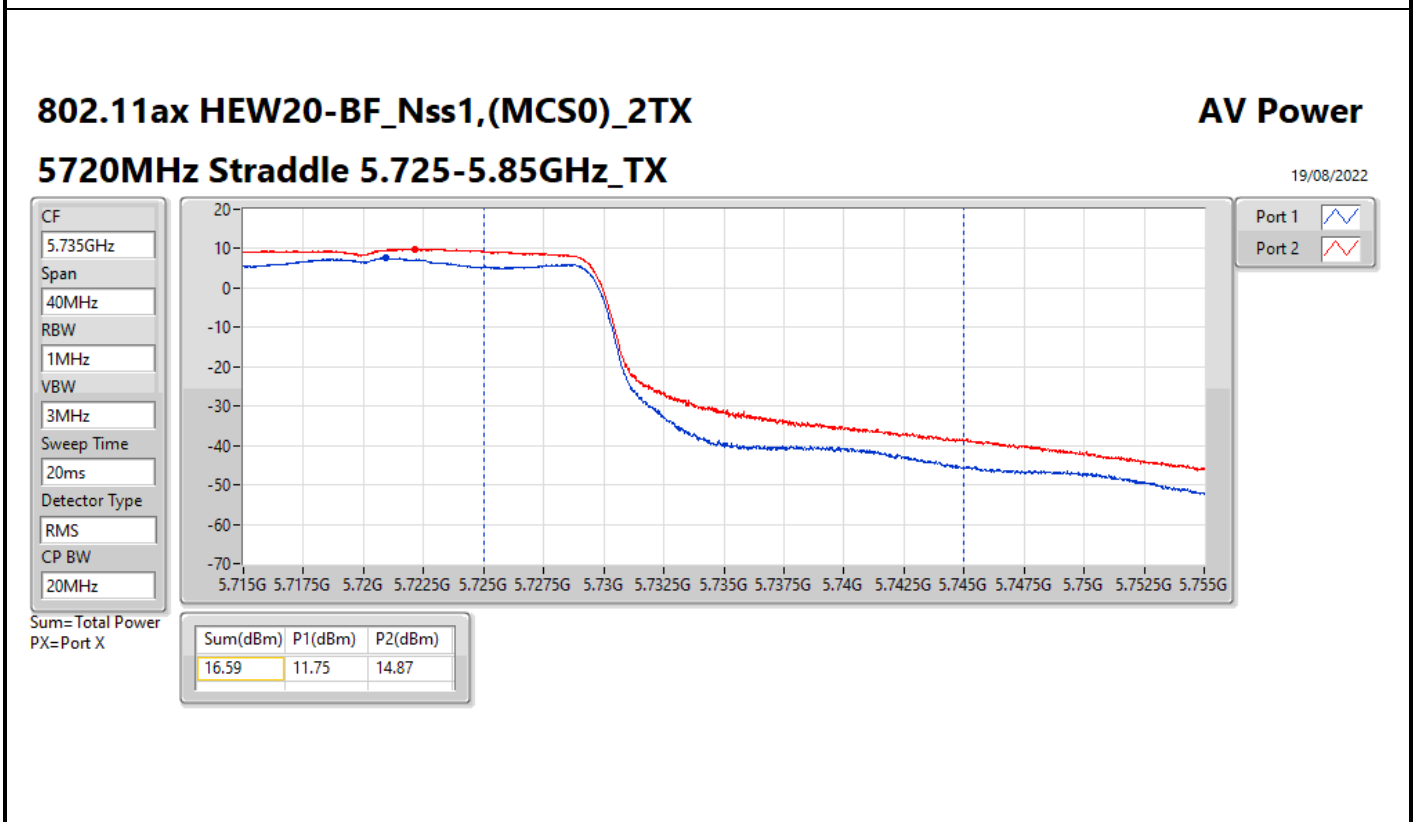
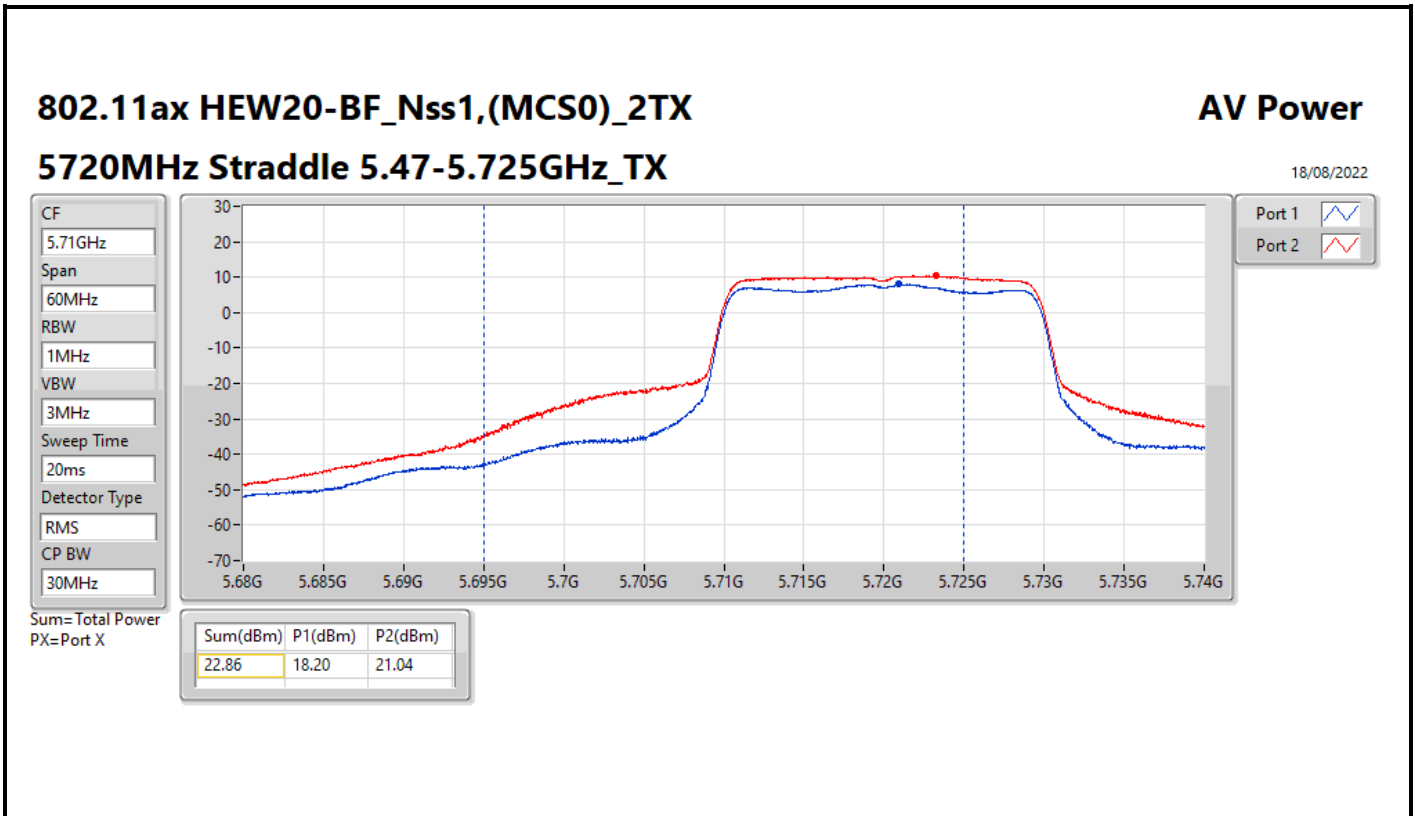
Average Power_Iron R1_Antenna set 3_Beamforming mode_
P to M_P to P

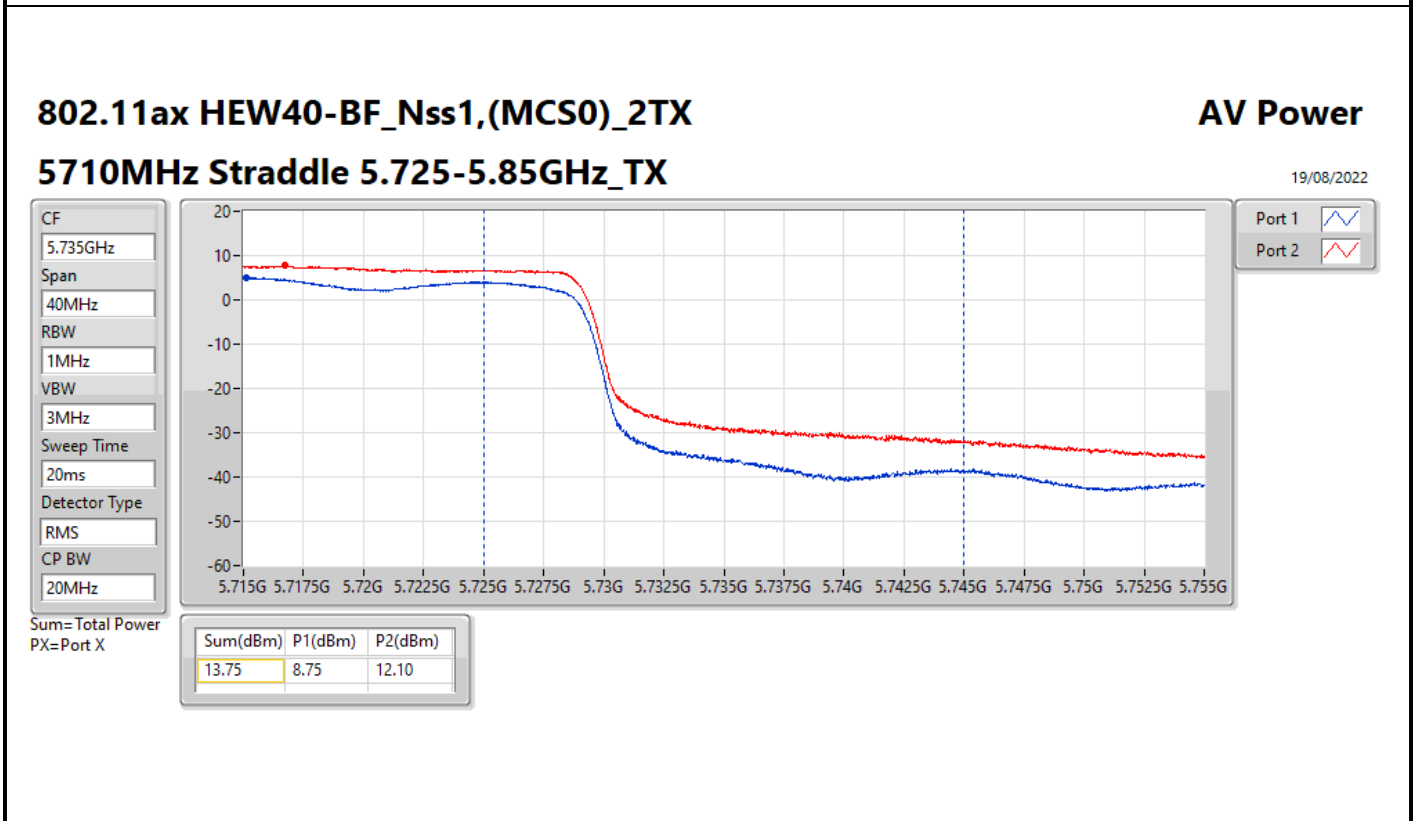
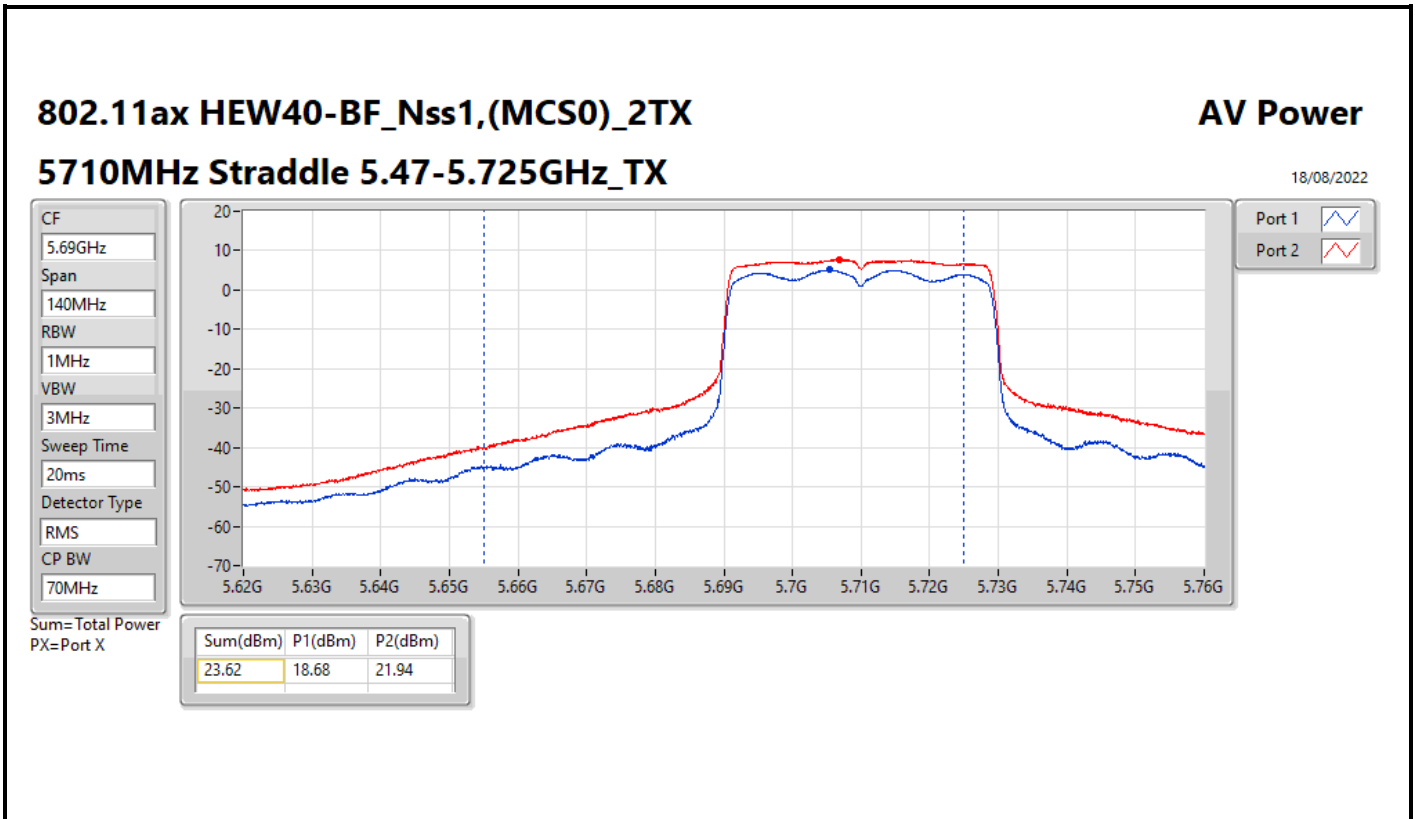
Appendix C.2

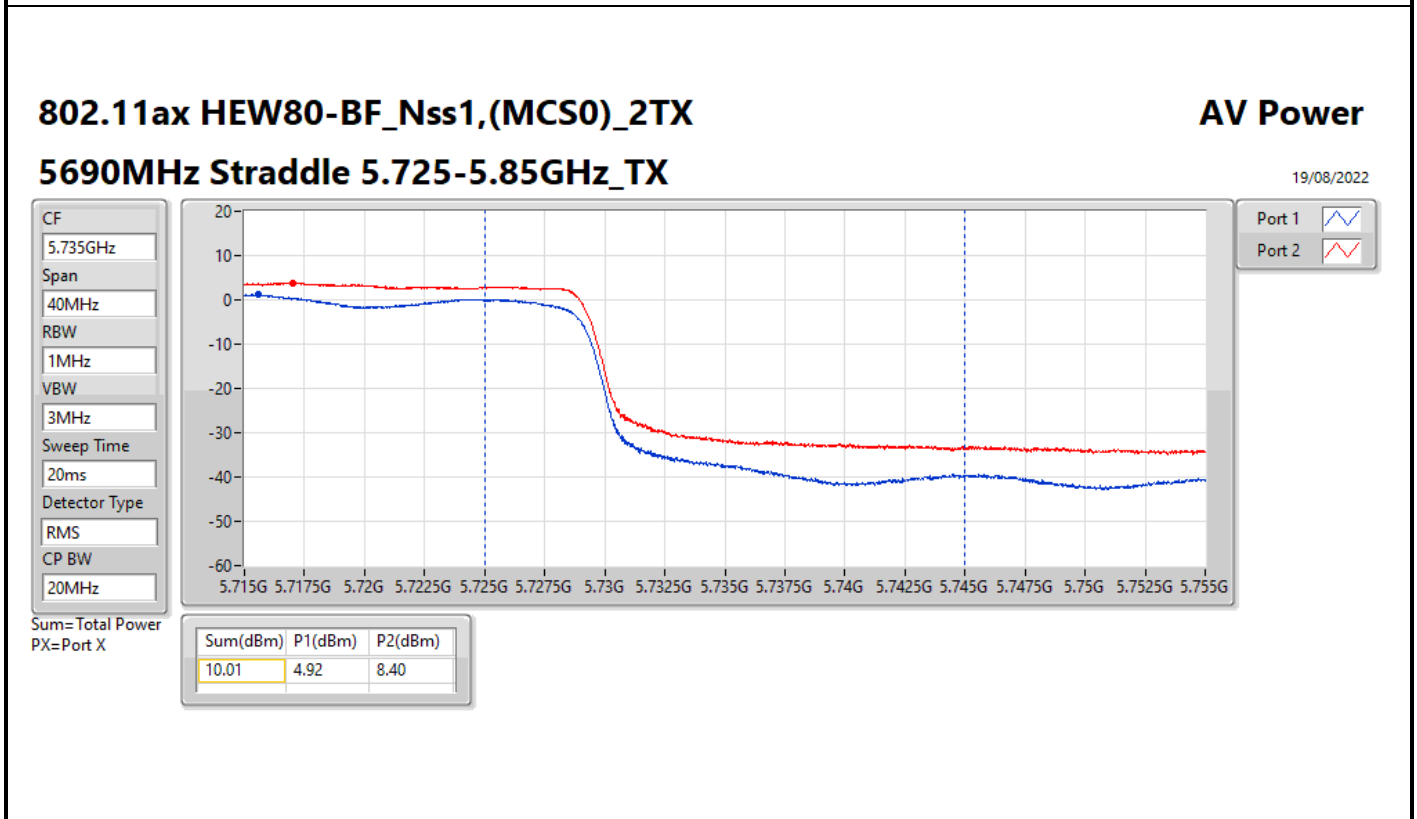
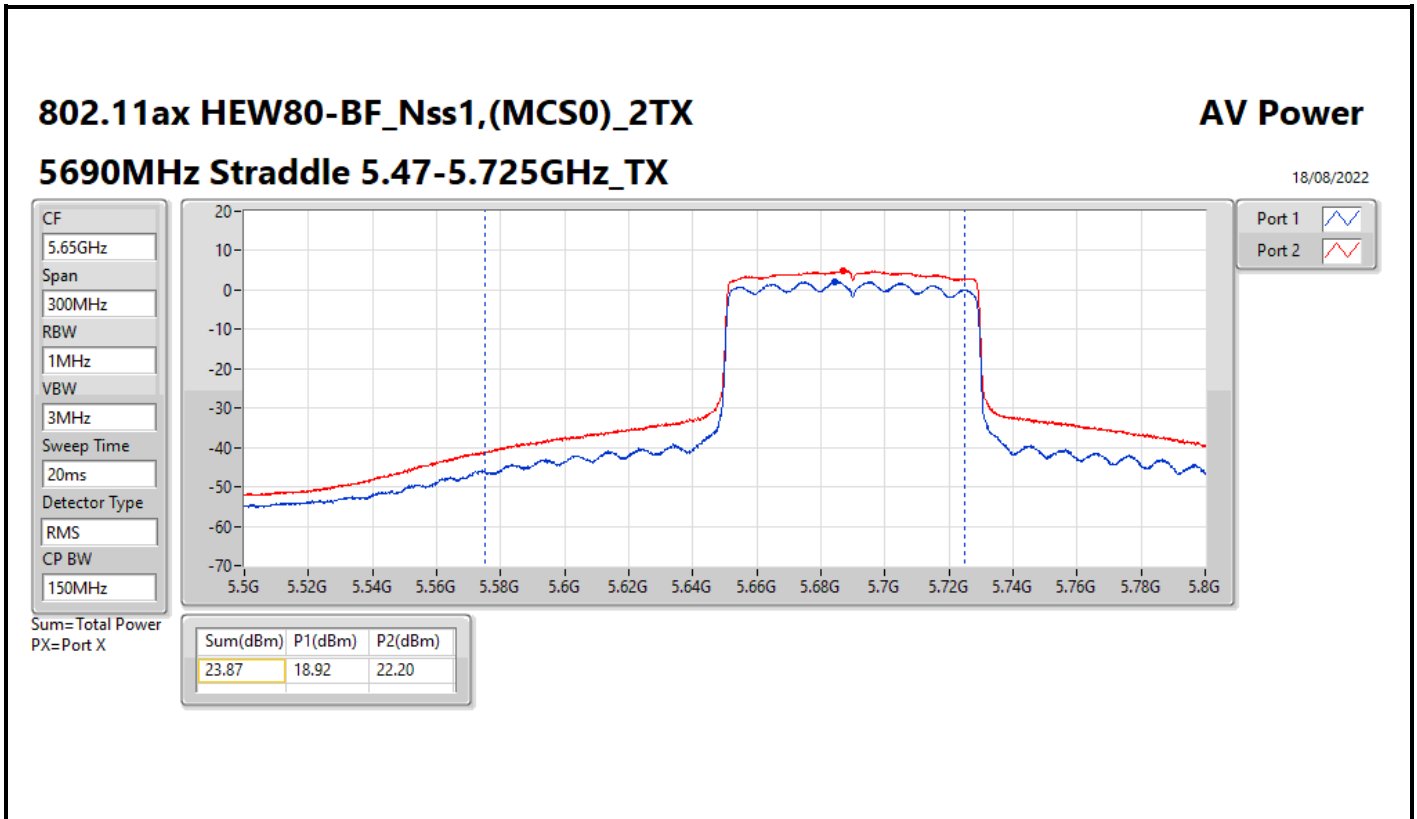
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.01	19.09	22.00	23.79	23.97
5300MHz	Pass	6.01	18.66	21.82	23.53	23.97
5320MHz	Pass	6.01	18.05	21.32	23.00	23.97
5500MHz	Pass	6.01	18.57	21.20	23.09	23.97
5580MHz	Pass	6.01	18.89	22.33	23.95	23.97
5700MHz	Pass	6.01	17.68	20.43	22.28	23.97
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	18.20	21.04	22.86	22.88
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	11.75	14.87	16.59	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.01	19.12	21.87	23.72	23.97
5310MHz	Pass	6.01	17.34	20.50	22.21	23.97
5510MHz	Pass	6.01	18.21	21.26	23.01	23.97
5550MHz	Pass	6.01	18.84	21.84	23.60	23.97
5670MHz	Pass	6.01	17.53	20.35	22.18	23.97
5710MHz Straddle 5.47-5.725GHz	Pass	6.01	18.68	21.94	23.62	23.97
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	8.75	12.10	13.75	29.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.01	16.73	19.71	21.48	23.97
5530MHz	Pass	6.01	16.18	19.24	20.98	23.97
5610MHz	Pass	6.01	17.56	20.80	22.49	23.97
5690MHz Straddle 5.47-5.725GHz	Pass	6.01	18.92	22.20	23.87	23.97
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	4.92	8.40	10.01	29.99

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









**Average Power_Iron R1_Antenna set 3_Beamforming mode_
P to M_P to P**

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.93	0.12388
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.69	0.11722
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.14	0.04111
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.83	0.12106
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.71	0.11776
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.74	0.11858
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.42	0.02767
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.64	0.01159
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.83	0.00482



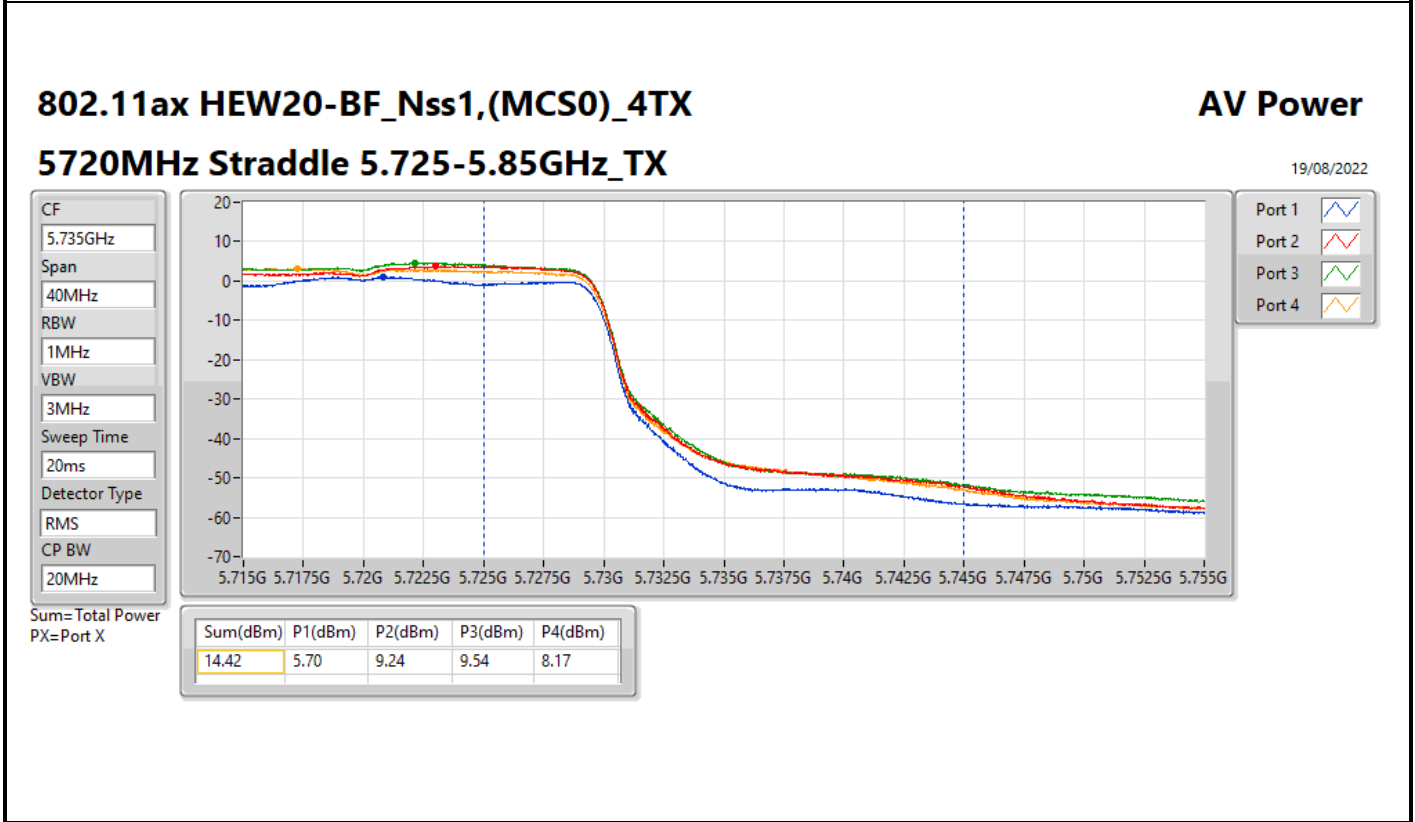
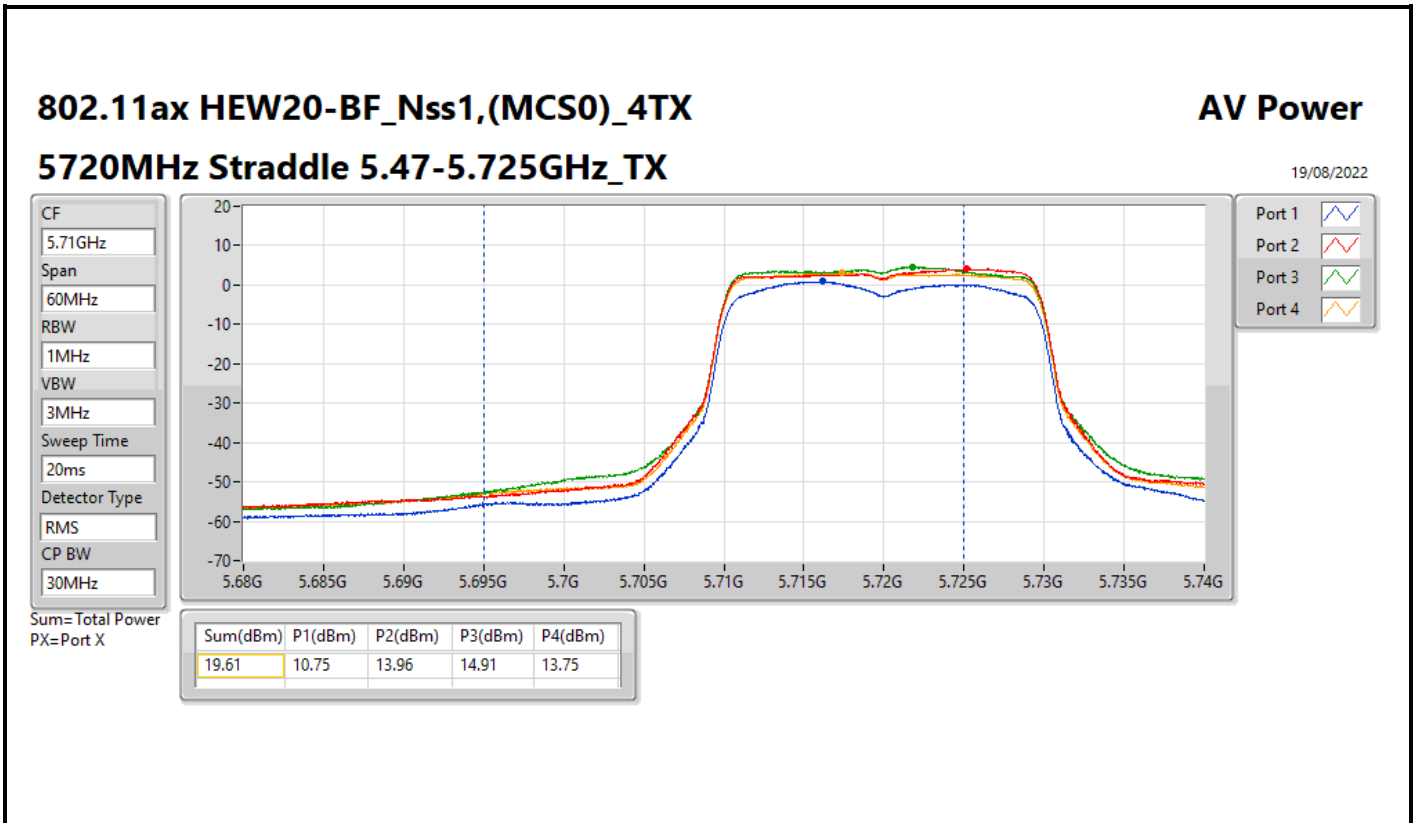
Average Power_Iron R1_Antenna set 3_Beamforming mode_
P to M_P to P

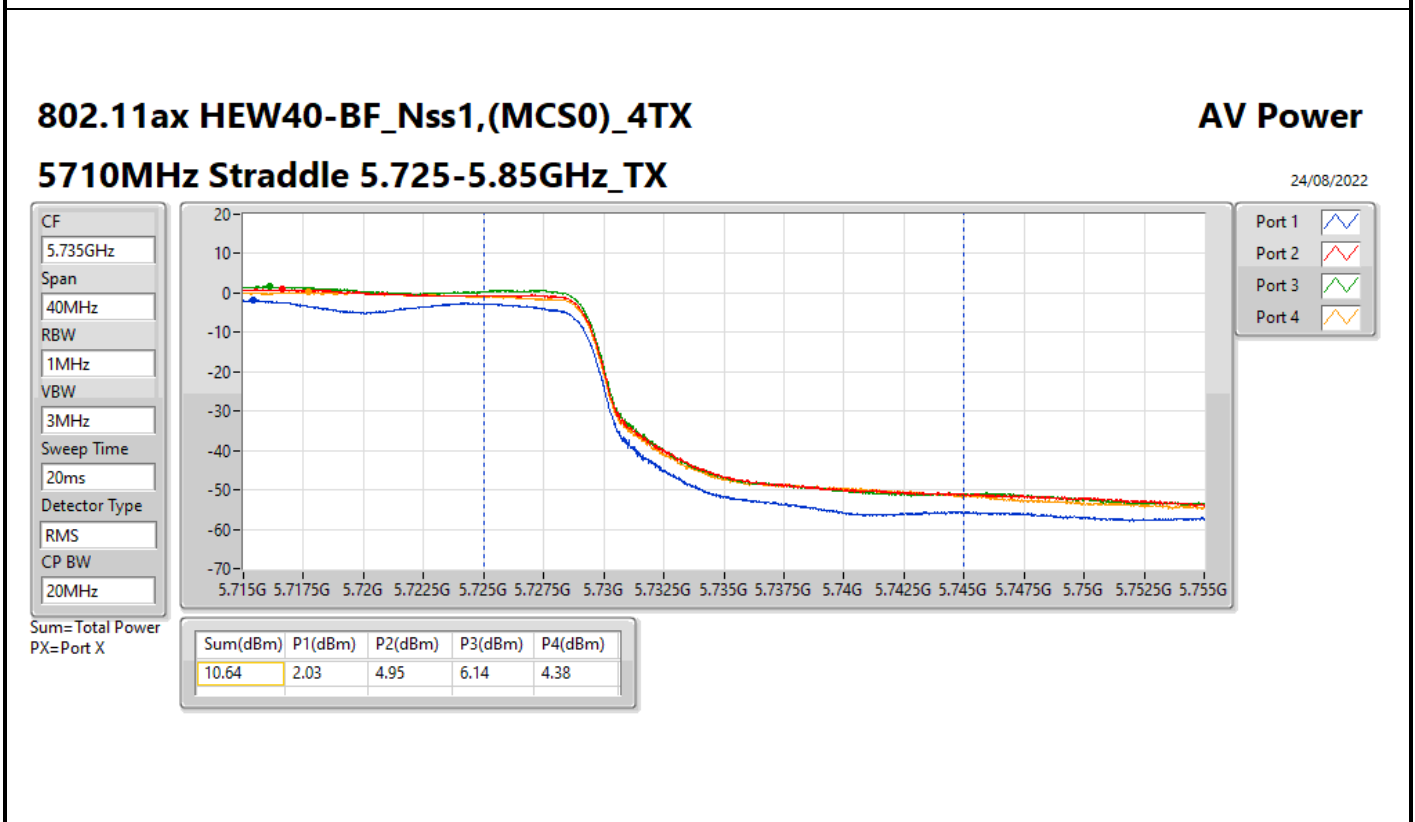
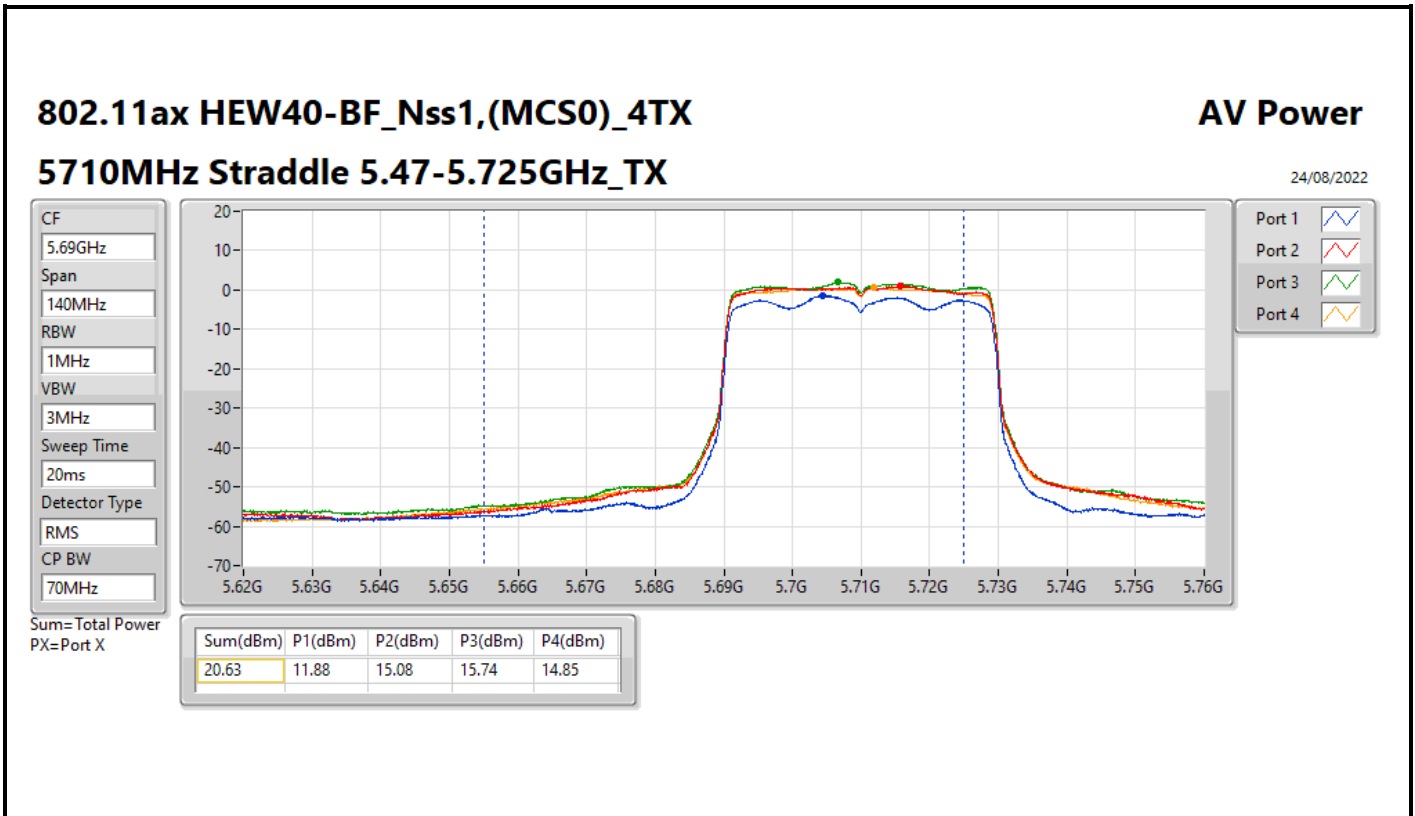
Appendix C.3

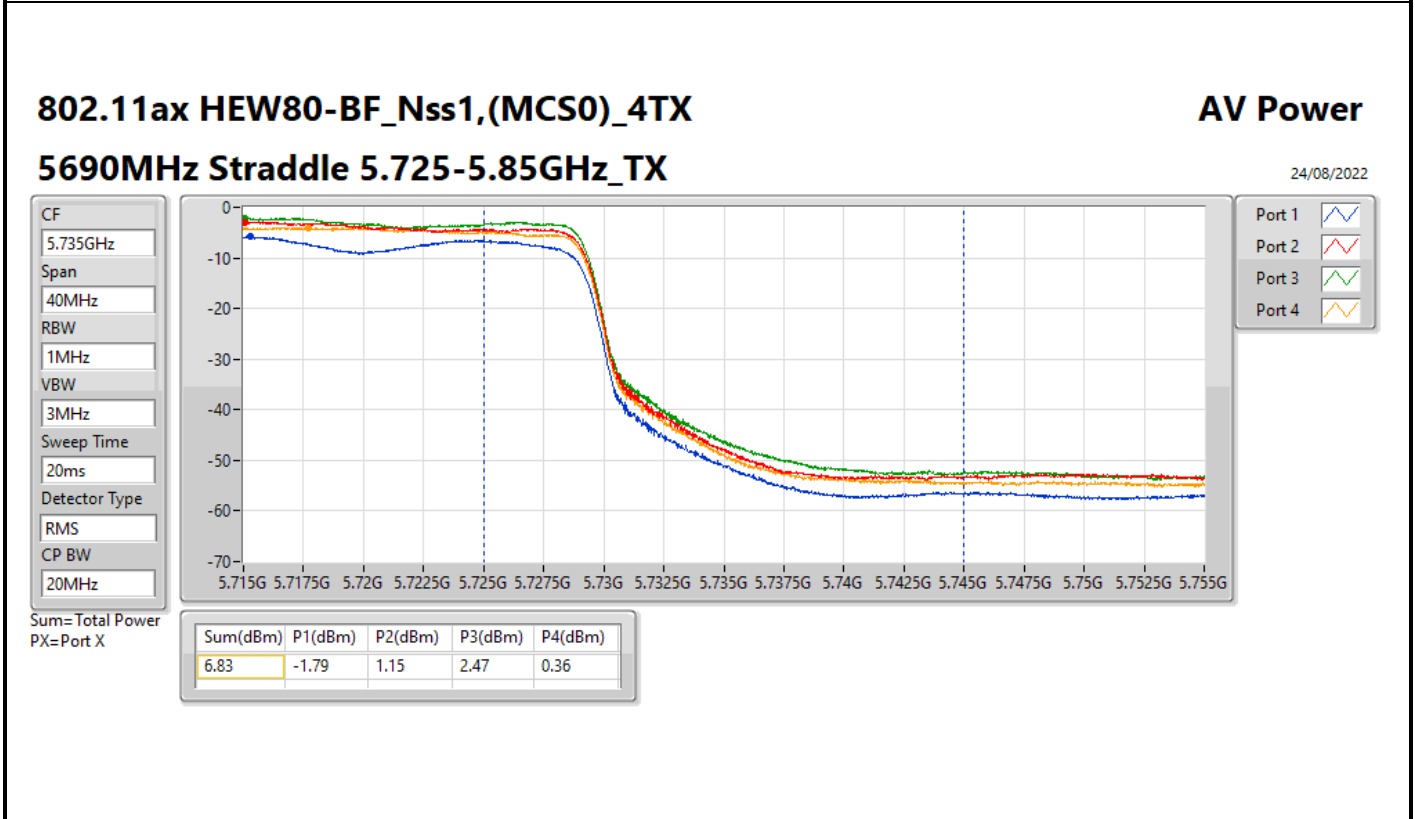
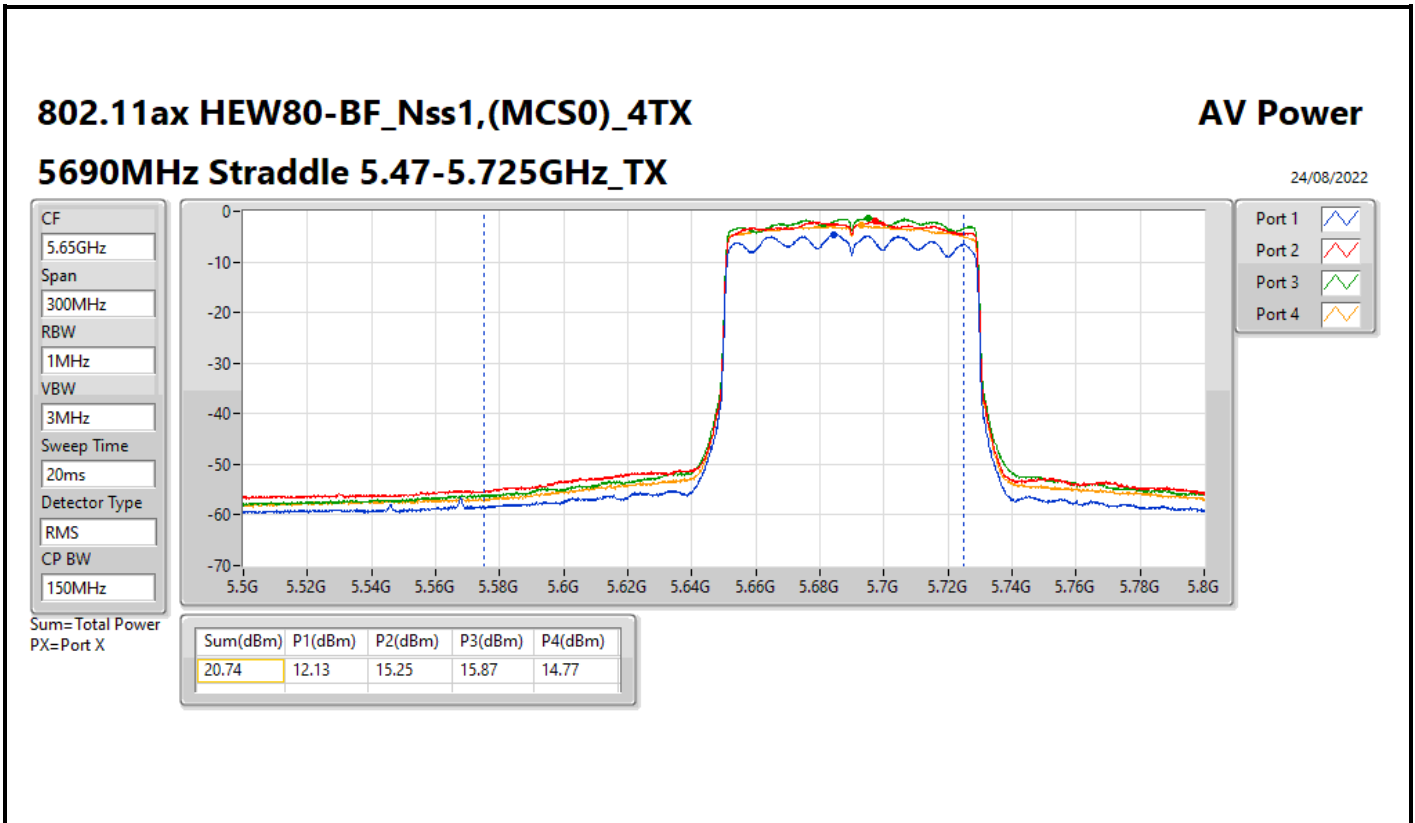
Result

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	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	12.19	15.64	16.36	14.36	20.93	20.96
5300MHz	Pass	9.02	12.39	15.62	16.03	14.78	20.93	20.96
5320MHz	Pass	9.02	11.97	15.24	15.66	14.64	20.61	20.96
5500MHz	Pass	9.02	11.36	14.76	16.11	14.45	20.50	20.96
5580MHz	Pass	9.02	12.05	15.60	16.25	14.25	20.83	20.96
5700MHz	Pass	9.02	12.56	15.13	15.38	14.86	20.64	20.96
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	10.75	13.96	14.91	13.75	19.61	19.84
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	5.7	9.24	9.54	8.17	14.42	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	12.27	15.37	15.83	14.40	20.69	20.96
5310MHz	Pass	9.02	8.87	12.11	12.49	11.68	17.52	20.96
5510MHz	Pass	9.02	11.33	14.75	16.19	14.5	20.54	20.96
5550MHz	Pass	9.02	11.66	15.11	16.35	14.24	20.67	20.96
5670MHz	Pass	9.02	12.46	15.04	15.59	15.07	20.71	20.96
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	11.88	15.08	15.74	14.85	20.63	20.96
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	2.03	4.95	6.14	4.38	10.64	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	7.41	10.75	11.17	10.26	16.14	20.96
5530MHz	Pass	9.02	9.1	12.54	13.67	12.09	18.16	20.96
5610MHz	Pass	9.02	11.93	15.11	16.10	14.43	20.66	20.96
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	12.13	15.25	15.87	14.77	20.74	20.96
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-1.79	1.15	2.47	0.36	6.83	26.98

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.4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.63	0.01156
802.11ax HEW20_Nss1,(MCS0)_1TX	11.33	0.01358
802.11ax HEW40_Nss1,(MCS0)_1TX	10.82	0.01208
802.11ax HEW80_Nss1,(MCS0)_1TX	5.98	0.00396
802.11a_Nss1,(6Mbps)_2TX	10.98	0.01253
802.11ax HEW20_Nss1,(MCS0)_2TX	11.08	0.01282
802.11ax HEW40_Nss1,(MCS0)_2TX	10.95	0.01245
802.11ax HEW80_Nss1,(MCS0)_2TX	7.59	0.00574
802.11a_Nss1,(6Mbps)_4TX	4.39	0.00275
802.11ax HEW20_Nss1,(MCS0)_4TX	4.20	0.00263
802.11ax HEW40_Nss1,(MCS0)_4TX	4.14	0.00259
802.11ax HEW80_Nss1,(MCS0)_4TX	4.17	0.00261
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.95	0.01245
802.11ax HEW20_Nss1,(MCS0)_1TX	11.29	0.01346
802.11ax HEW40_Nss1,(MCS0)_1TX	11.32	0.01355
802.11ax HEW80_Nss1,(MCS0)_1TX	11.37	0.01371
802.11a_Nss1,(6Mbps)_2TX	11.02	0.01265
802.11ax HEW20_Nss1,(MCS0)_2TX	11.44	0.01393
802.11ax HEW40_Nss1,(MCS0)_2TX	11.11	0.01291
802.11ax HEW80_Nss1,(MCS0)_2TX	11.24	0.01330
802.11a_Nss1,(6Mbps)_4TX	4.53	0.00284
802.11ax HEW20_Nss1,(MCS0)_4TX	4.45	0.00279
802.11ax HEW40_Nss1,(MCS0)_4TX	5.50	0.00355
802.11ax HEW80_Nss1,(MCS0)_4TX	4.79	0.00301
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.33	0.00215
802.11ax HEW20_Nss1,(MCS0)_1TX	4.35	0.00272
802.11ax HEW40_Nss1,(MCS0)_1TX	0.47	0.00111
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.36	0.00046
802.11a_Nss1,(6Mbps)_2TX	3.58	0.00228
802.11ax HEW20_Nss1,(MCS0)_2TX	4.78	0.00301
802.11ax HEW40_Nss1,(MCS0)_2TX	0.98	0.00125
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.77	0.00053
802.11a_Nss1,(6Mbps)_4TX	-2.76	0.00053
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.85	0.00065
802.11ax HEW40_Nss1,(MCS0)_4TX	-5.41	0.00029
802.11ax HEW80_Nss1,(MCS0)_4TX	-9.77	0.00011



Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	10.63				10.63	11.38
5300MHz	Pass	18.53	10.48				10.48	11.42
5320MHz	Pass	18.53	10.33				10.33	11.39
5500MHz	Pass	18.53	10.75				10.75	11.45
5580MHz	Pass	18.53	10.95				10.95	11.40
5700MHz	Pass	18.53	10.56				10.56	11.38
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.01				10.01	10.16
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	3.33				3.33	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	11.33				11.33	11.45
5300MHz	Pass	18.53	10.62				10.62	11.45
5320MHz	Pass	18.53	10.40				10.40	11.45
5500MHz	Pass	18.53	11.00				11.00	11.45
5580MHz	Pass	18.53	10.06				10.06	11.45
5700MHz	Pass	18.53	11.29				11.29	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.15				10.15	10.48
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.35				4.35	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	10.82				10.82	11.45
5310MHz	Pass	18.53	8.66				8.66	11.45
5510MHz	Pass	18.53	11.07				11.07	11.45
5550MHz	Pass	18.53	11.05				11.05	11.45
5670MHz	Pass	18.53	11.32				11.32	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.08				11.08	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.47				0.47	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.98				5.98	11.45
5530MHz	Pass	18.53	11.05				11.05	11.45
5610MHz	Pass	18.53	11.13				11.13	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.37				11.37	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-3.36				-3.36	17.47
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.50	9.18			10.73	11.38
5300MHz	Pass	18.53	5.81	9.40			10.98	11.38
5320MHz	Pass	18.53	5.65	9.29			10.85	11.36
5500MHz	Pass	18.53	5.69	9.52			11.02	11.36
5580MHz	Pass	18.53	5.25	9.29			10.73	11.35
5700MHz	Pass	18.53	3.25	6.64			8.28	11.34
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	5.22	8.31			10.04	10.11
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-1.55	1.99			3.58	17.47
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.67	9.44			10.96	11.45
5300MHz	Pass	18.53	5.84	9.53			11.08	11.45
5320MHz	Pass	18.53	5.74	9.40			10.95	11.45
5500MHz	Pass	18.53	5.68	9.72			11.16	11.45
5580MHz	Pass	18.53	5.96	10.00			11.44	11.45
5700MHz	Pass	18.53	6.33	9.12			10.96	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	5.08	8.51			10.14	10.36
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.51	3.26			4.78	17.47
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	5.85	9.35			10.95	11.45
5310MHz	Pass	18.53	4.93	8.16			9.85	11.45
5510MHz	Pass	18.53	6.05	9.47			11.10	11.45
5550MHz	Pass	18.53	5.80	9.60			11.11	11.45

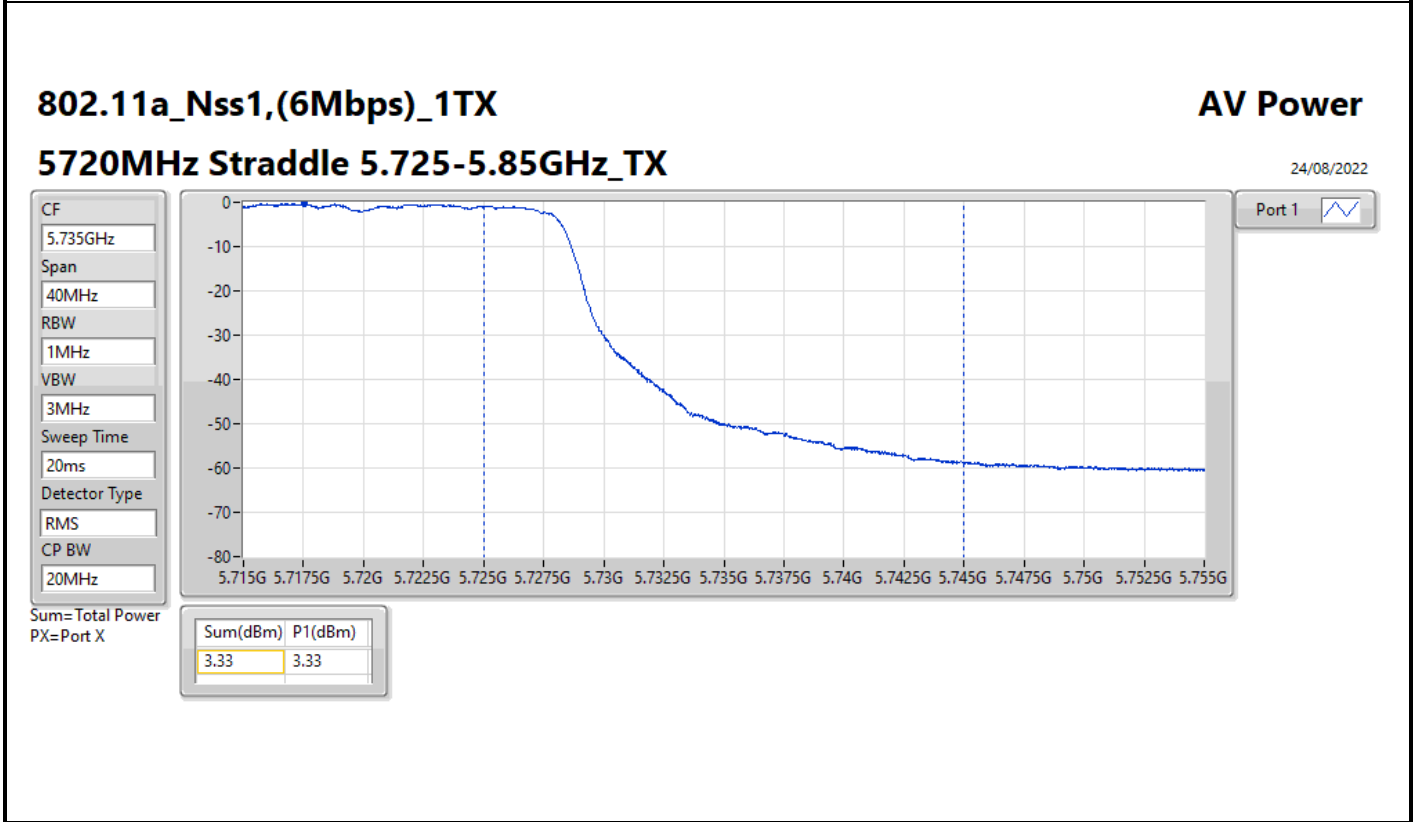
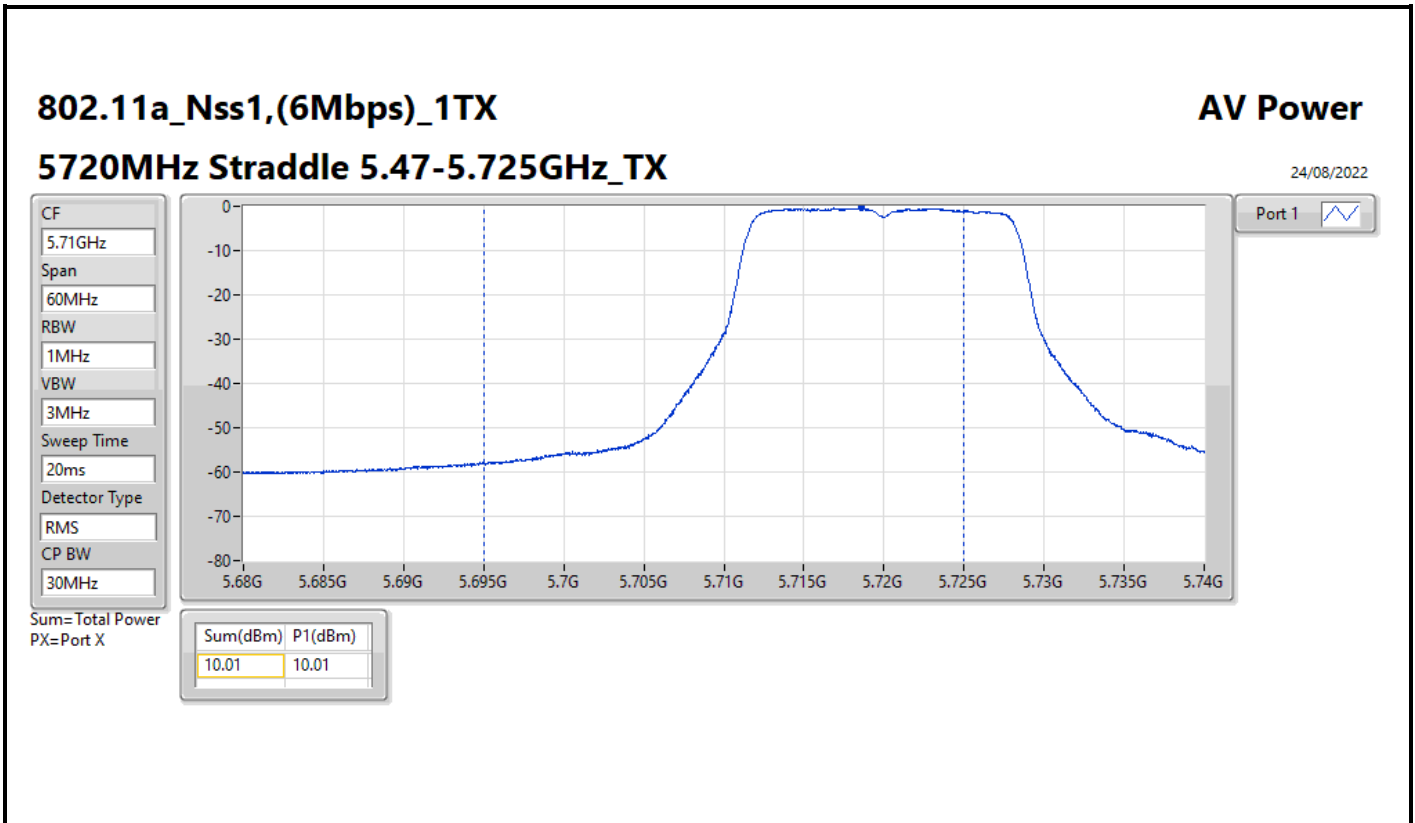


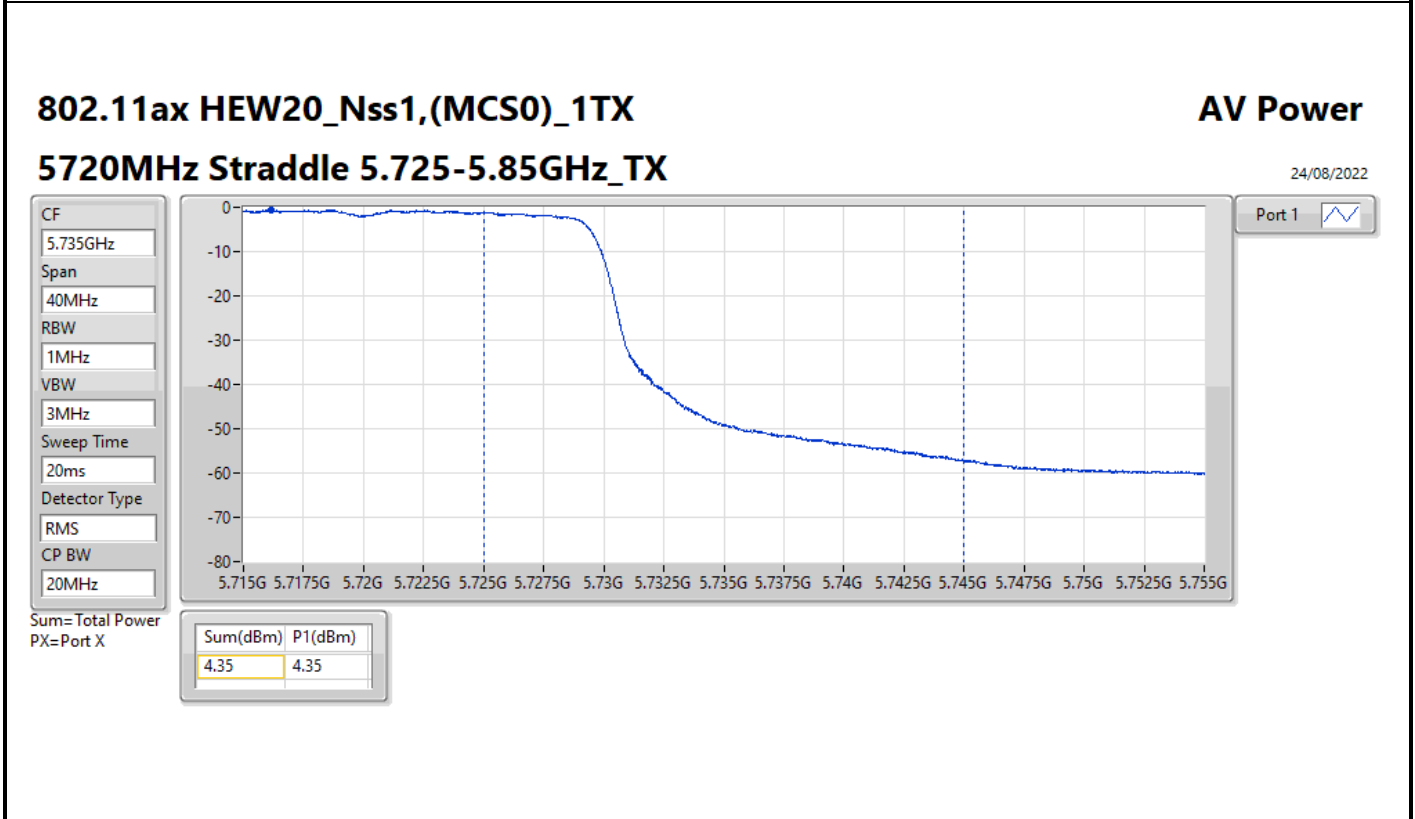
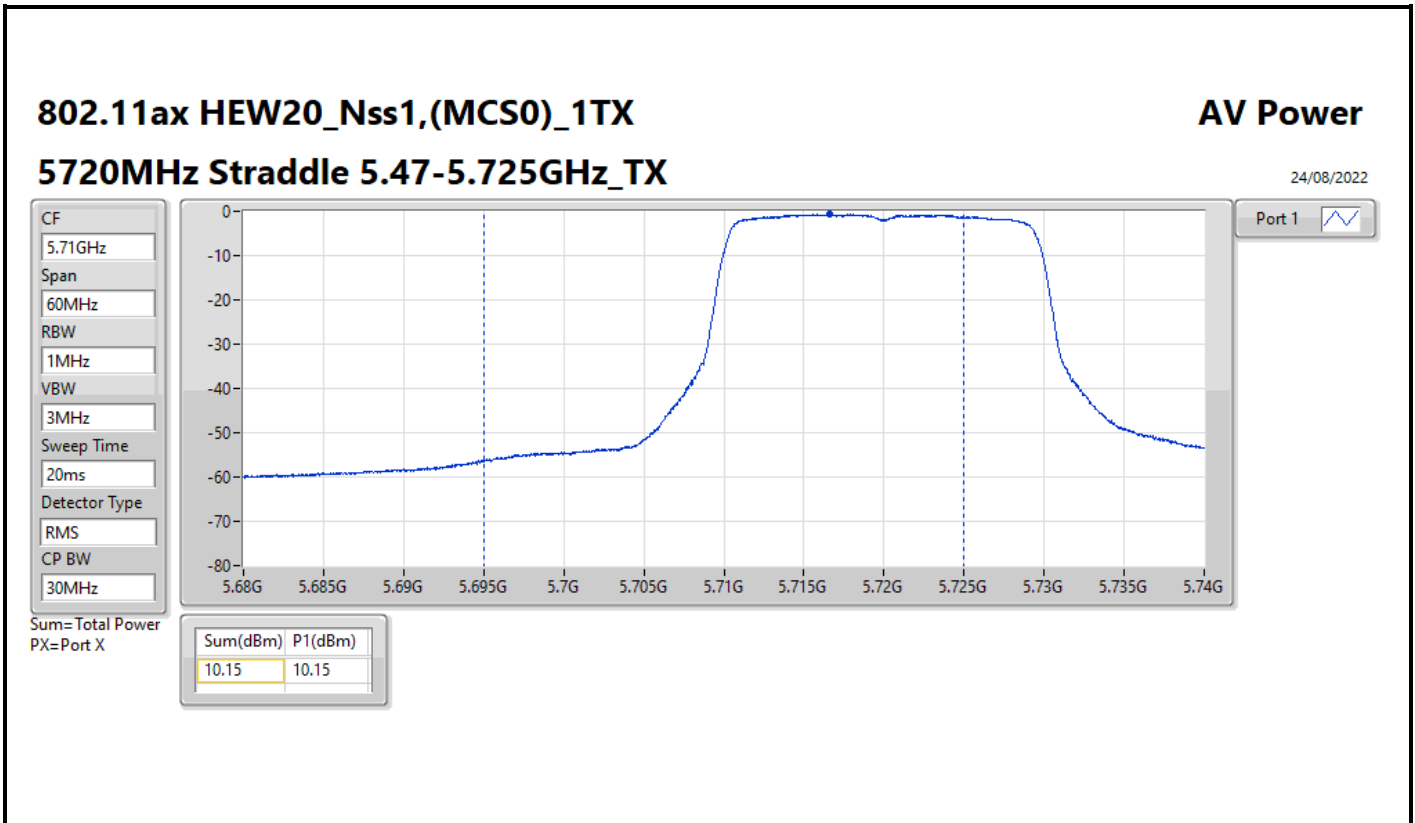
Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to M

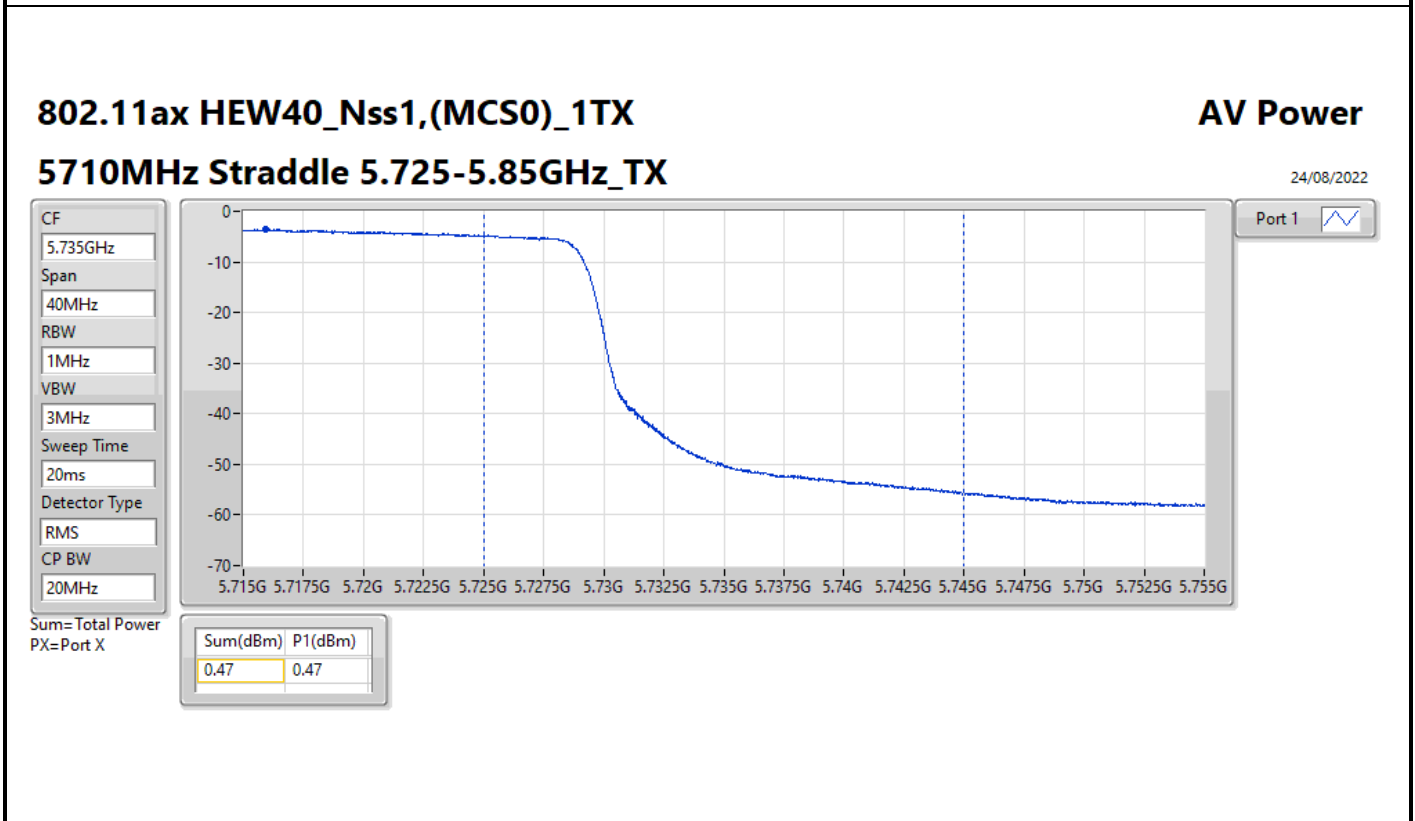
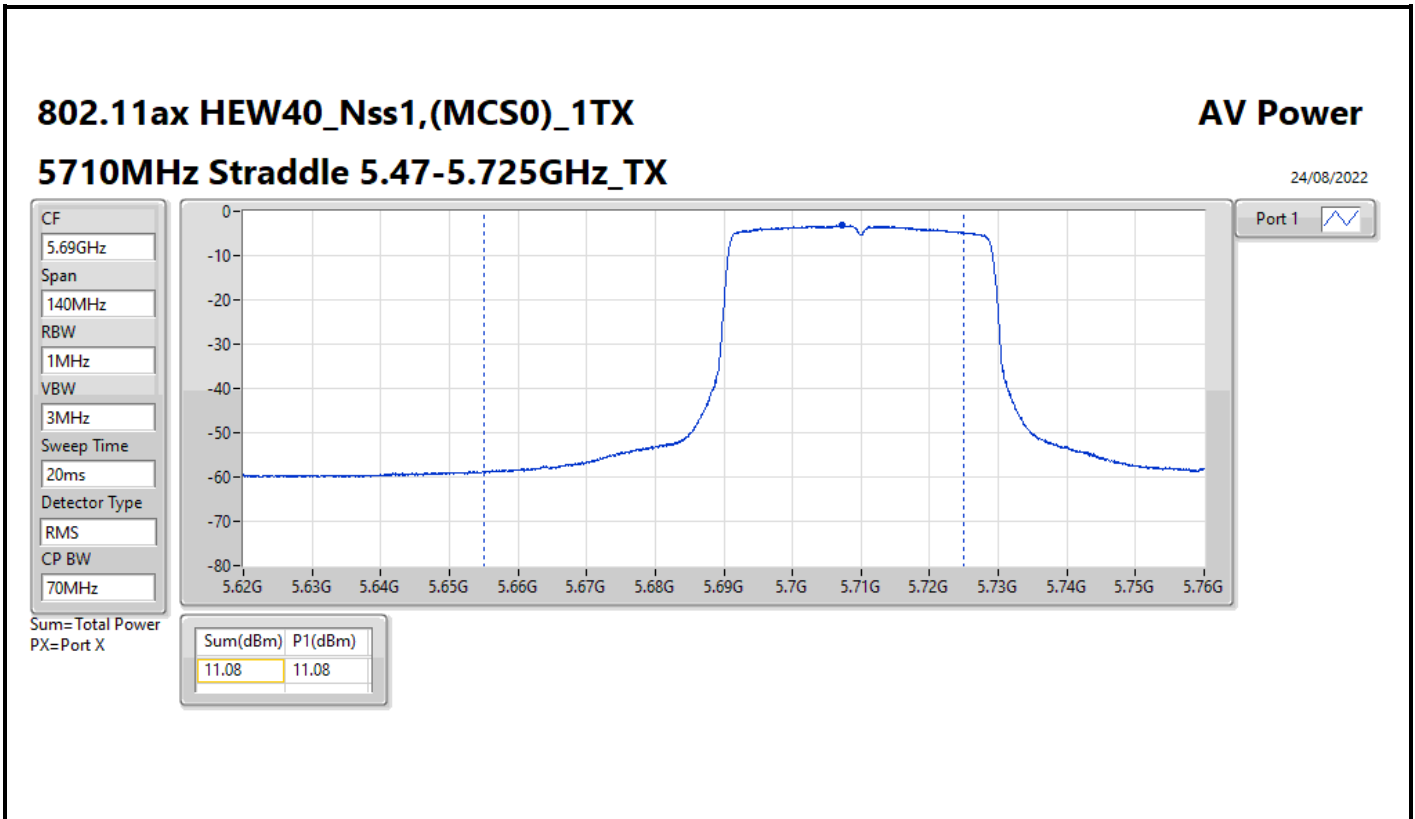
Appendix C.4

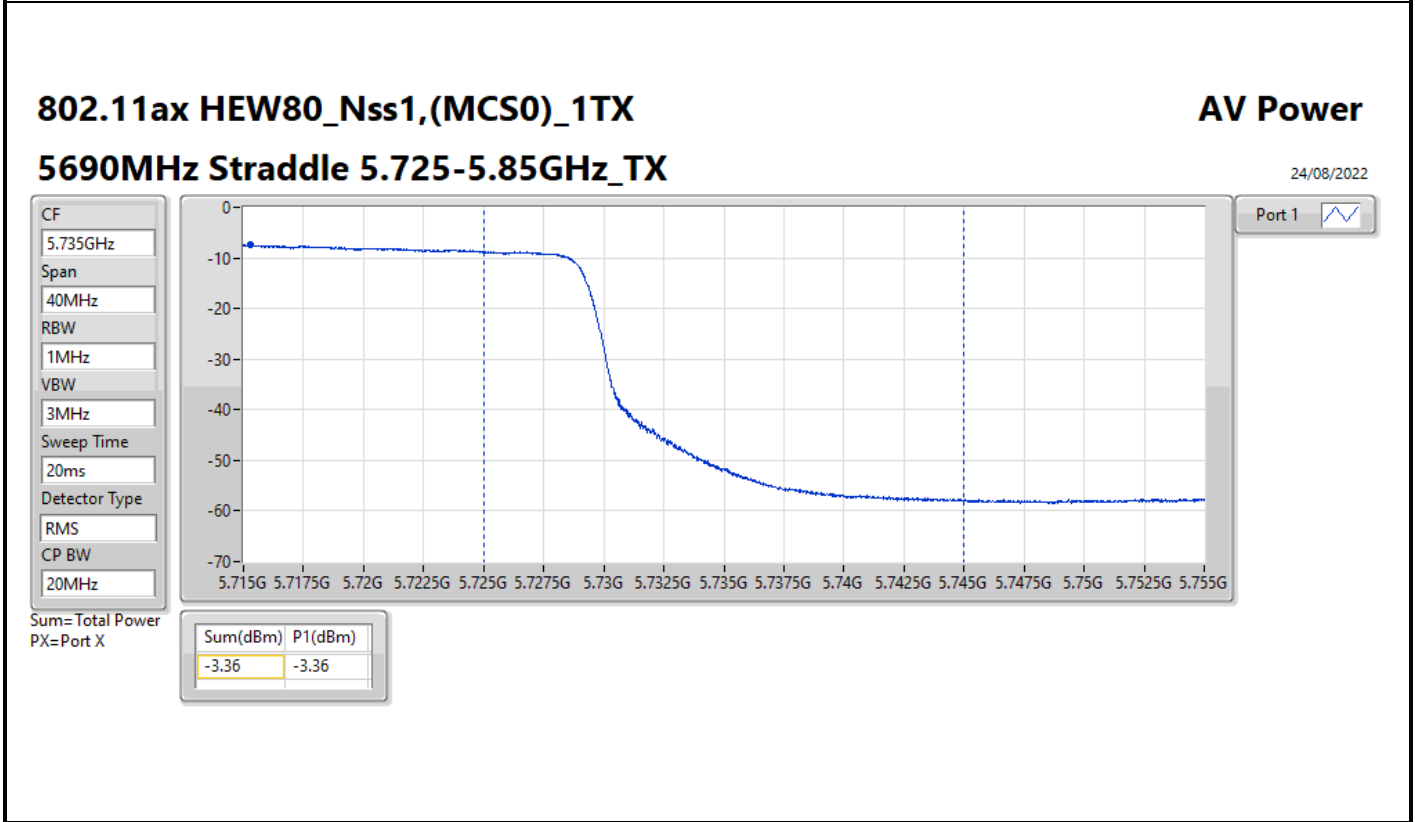
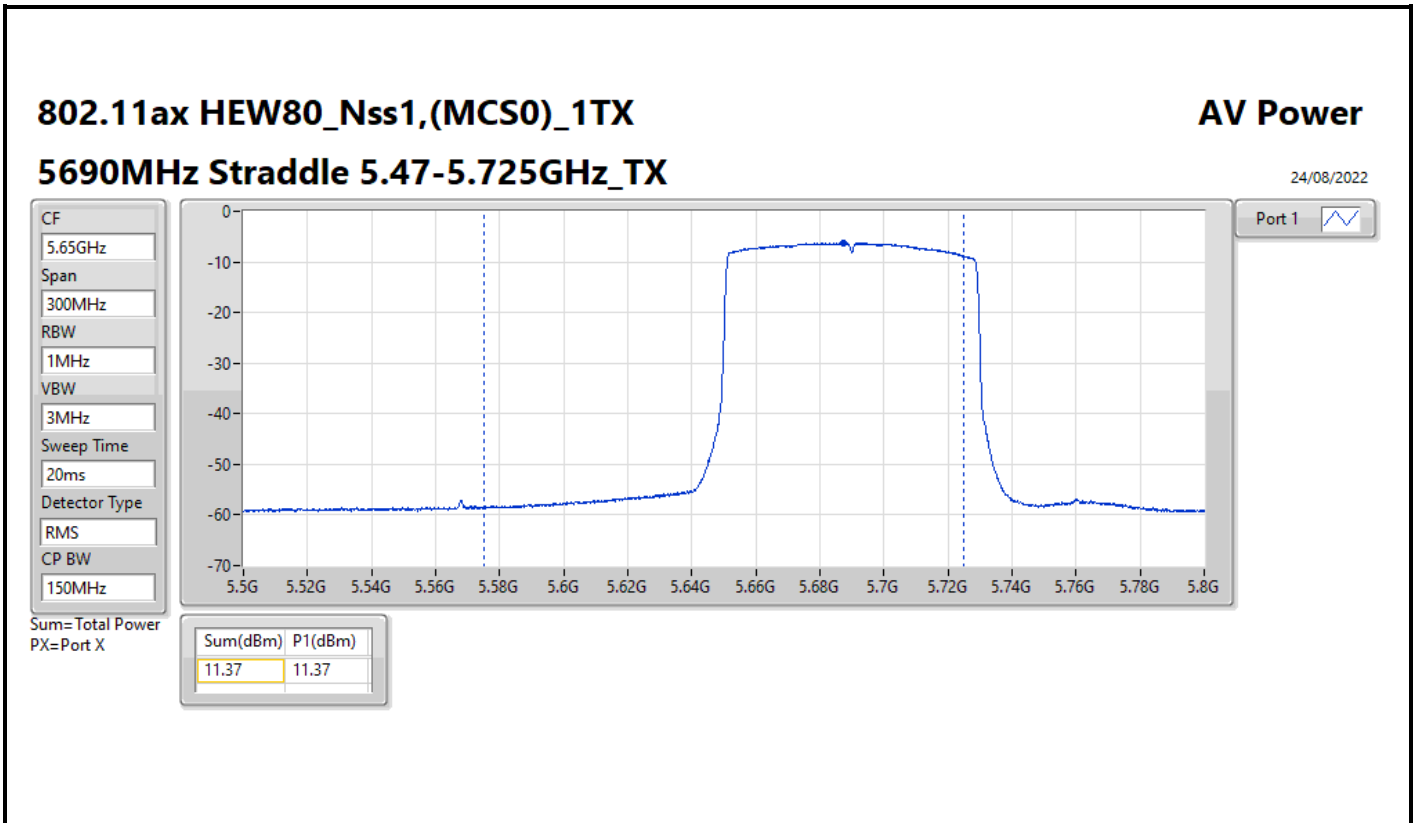
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5670MHz	Pass	18.53	6.35	9.32			11.09	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	6.05	9.31			10.99	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.24	-0.57			0.98	17.47
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	2.74	5.87			7.59	11.45
5530MHz	Pass	18.53	6.01	9.60			11.18	11.45
5610MHz	Pass	18.53	6.03	9.67			11.23	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.35	9.53			11.24	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.01	-4.32			-2.77	17.47
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-4.51	-0.76	-0.09	-2.42	4.39	11.34
5300MHz	Pass	18.53	-4.87	-1.13	-0.30	-2.17	4.21	11.33
5320MHz	Pass	18.53	-4.91	-1.25	-0.06	-2.18	4.26	11.33
5500MHz	Pass	18.53	-5.25	-1.54	0.25	-1.41	4.44	11.36
5580MHz	Pass	18.53	-4.73	-1.09	-0.42	-2.91	4.04	11.36
5700MHz	Pass	18.53	-4.72	-1.61	0.41	-1.49	4.53	11.30
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.09	-2.11	-0.00	-1.96	4.22	10.13
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-11.77	-8.77	-7.16	-8.61	-2.76	17.47
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-4.79	-1.15	-0.21	-2.63	4.15	11.45
5300MHz	Pass	18.53	-4.82	-1.10	-0.42	-2.11	4.20	11.45
5320MHz	Pass	18.53	-5.23	-1.52	-0.47	-2.36	3.95	11.45
5500MHz	Pass	18.53	-5.18	-1.48	0.27	-1.50	4.45	11.45
5580MHz	Pass	18.53	-4.98	-1.16	-0.65	-3.15	3.85	11.45
5700MHz	Pass	18.53	-4.66	-1.65	0.20	-1.88	4.35	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-5.17	-3.05	-0.64	-2.45	3.49	10.42
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-10.95	-6.97	-6.60	-8.15	-1.85	17.47
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	-4.71	-1.42	-0.25	-2.38	4.12	11.45
5310MHz	Pass	18.53	-4.93	-1.15	-0.46	-2.17	4.14	11.45
5510MHz	Pass	18.53	-4.99	-1.66	0.32	-1.21	4.52	11.45
5550MHz	Pass	18.53	-4.29	-1.04	0.37	-1.30	4.76	11.45
5670MHz	Pass	18.53	-3.14	0.11	0.98	-1.06	5.50	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	-3.79	-1.72	0.43	-1.31	4.68	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-13.82	-11.89	-9.33	-11.90	-5.41	17.47
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	-4.83	-1.19	-0.29	-2.32	4.17	11.45
5530MHz	Pass	18.53	-4.77	-1.38	0.22	-1.39	4.53	11.45
5610MHz	Pass	18.53	-4.22	-0.92	0.10	-0.96	4.79	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.91	-1.75	-0.03	-1.78	4.23	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-18.96	-15.86	-13.63	-16.30	-9.77	17.47

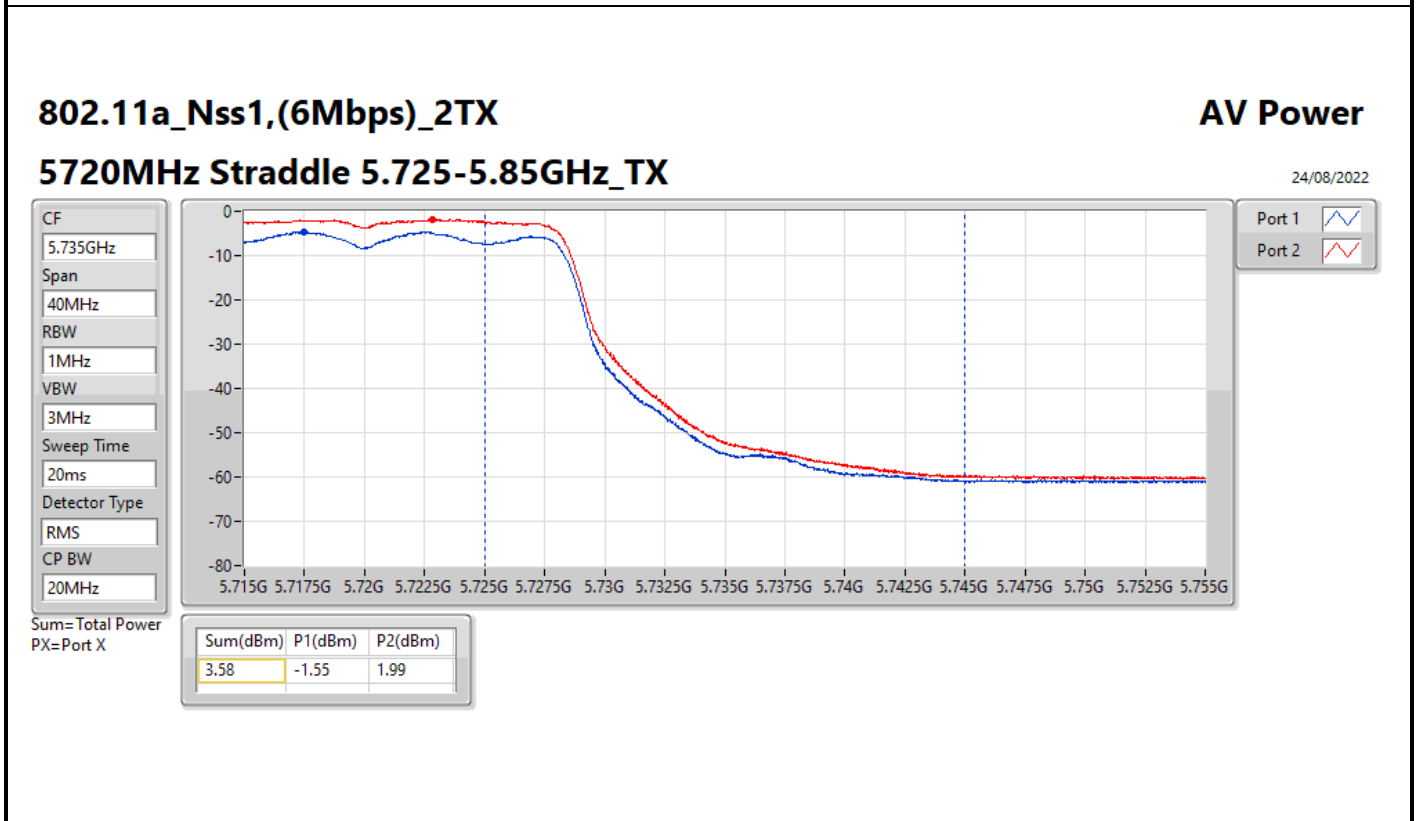
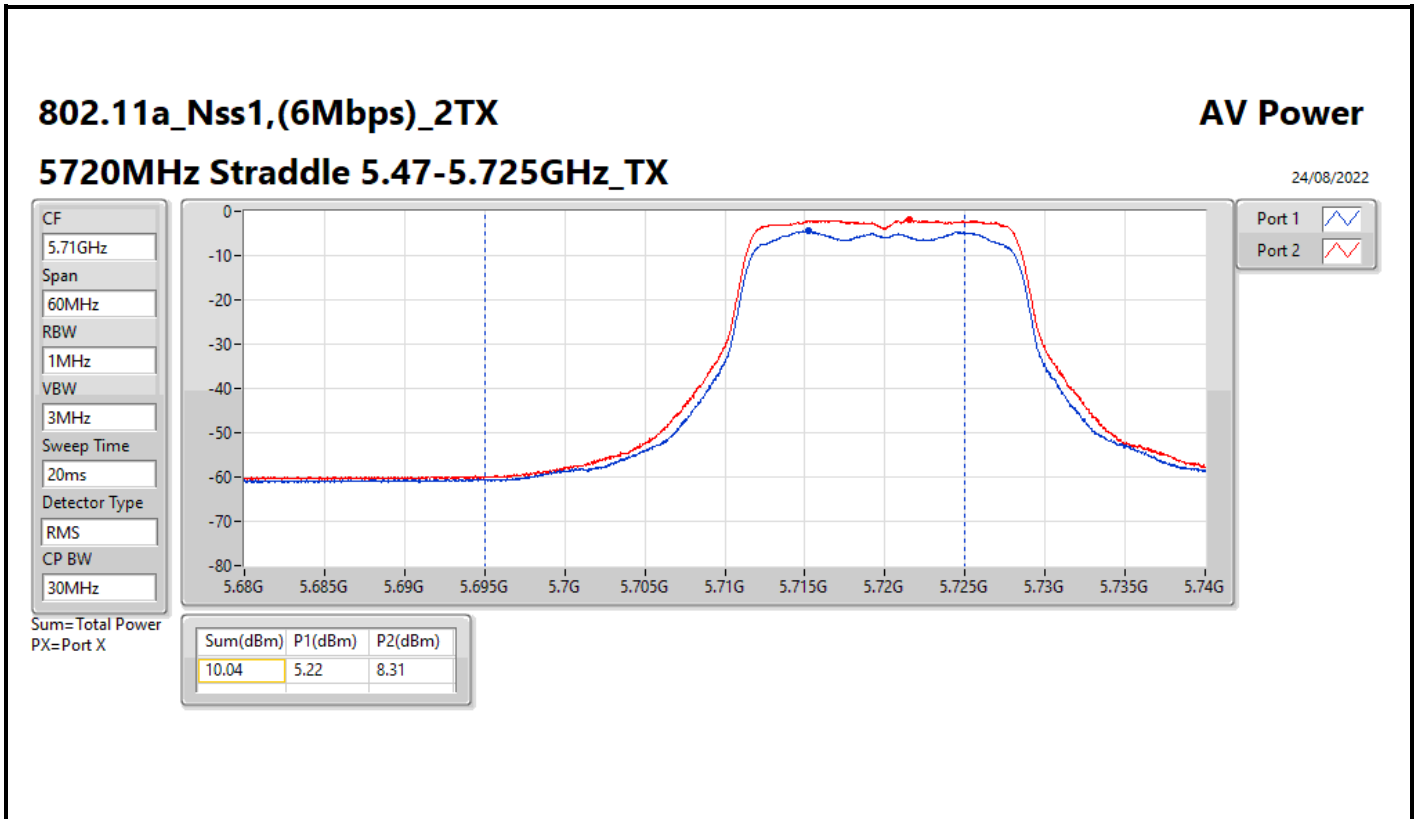
DG = Directional Gain; Port X = Port X output power

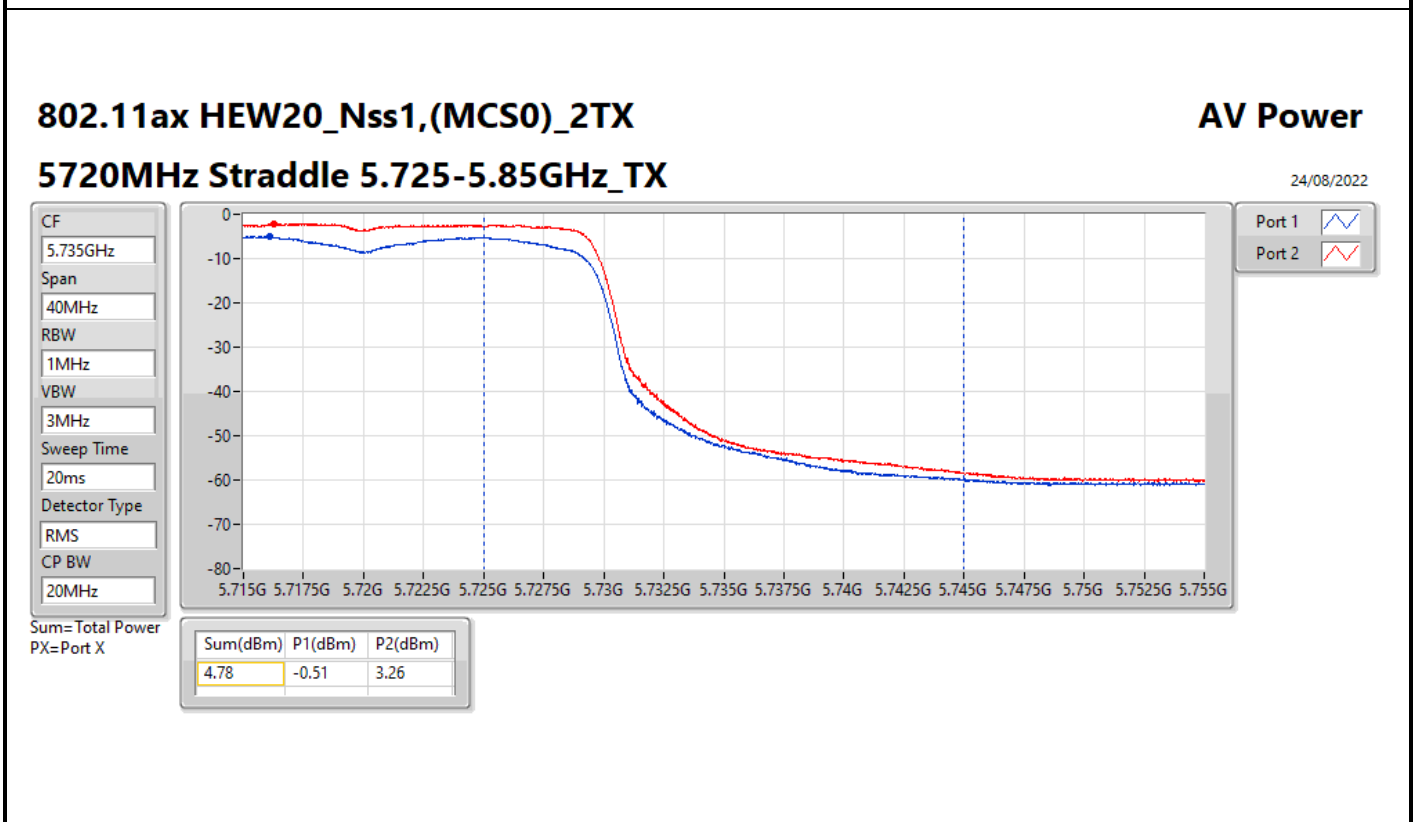
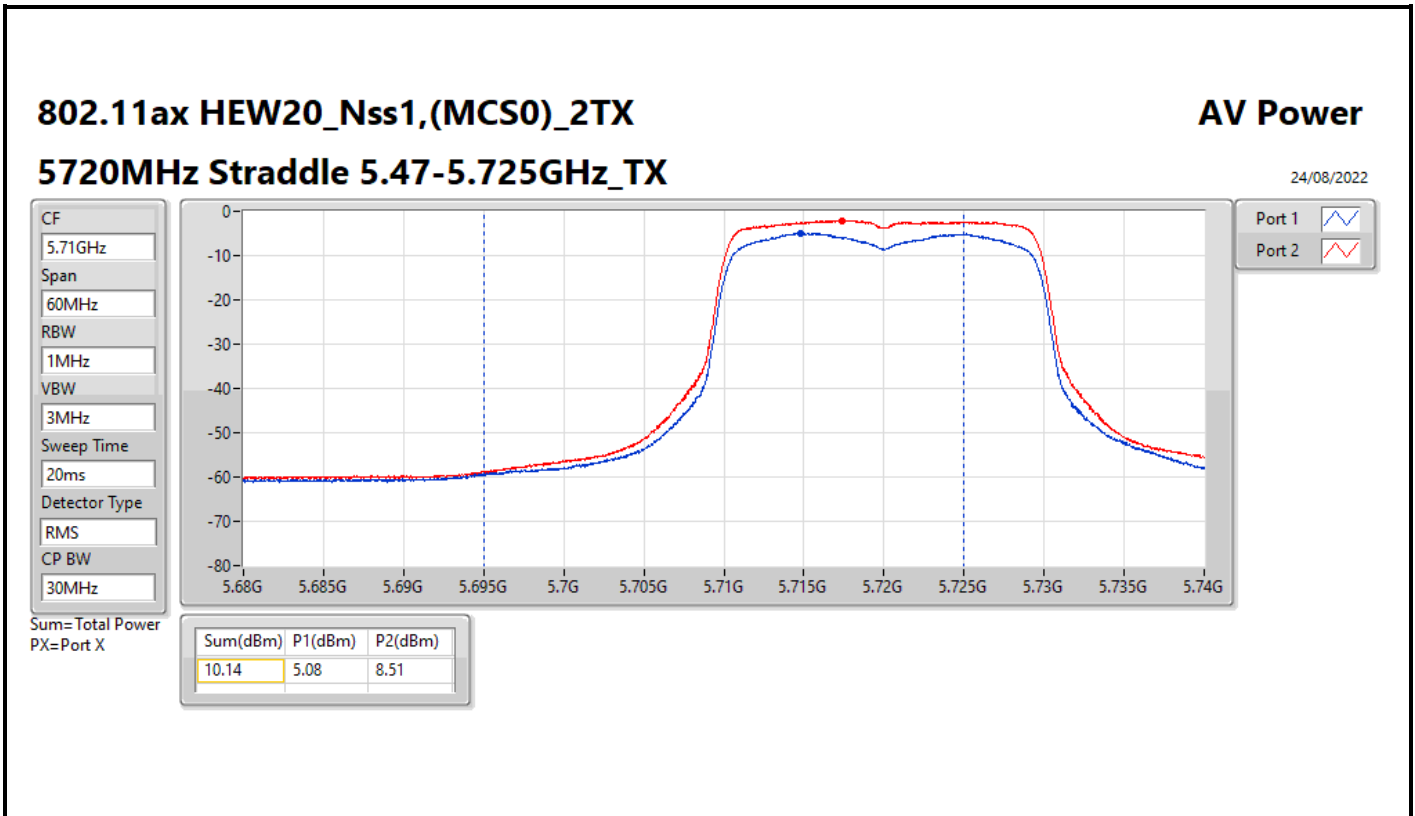


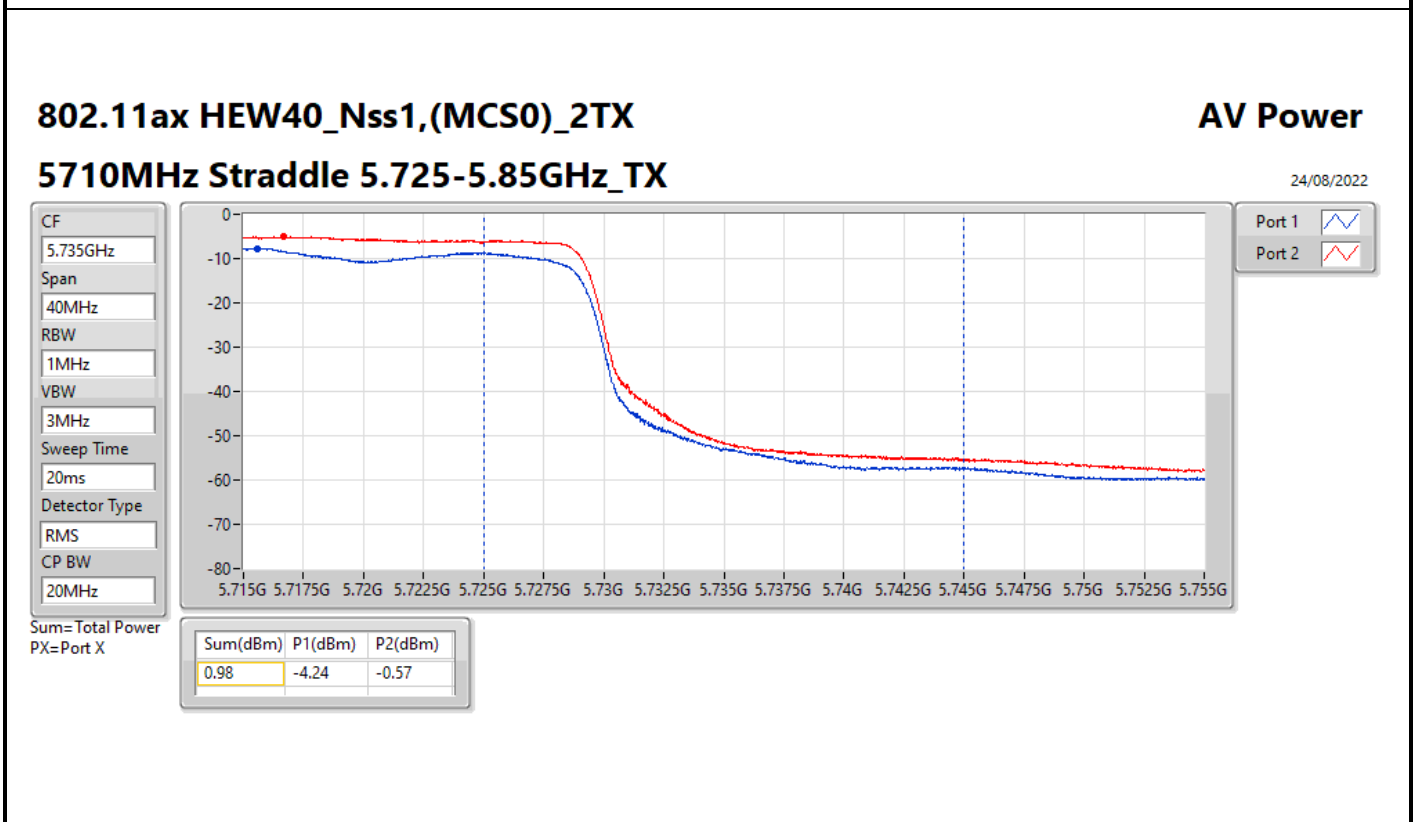
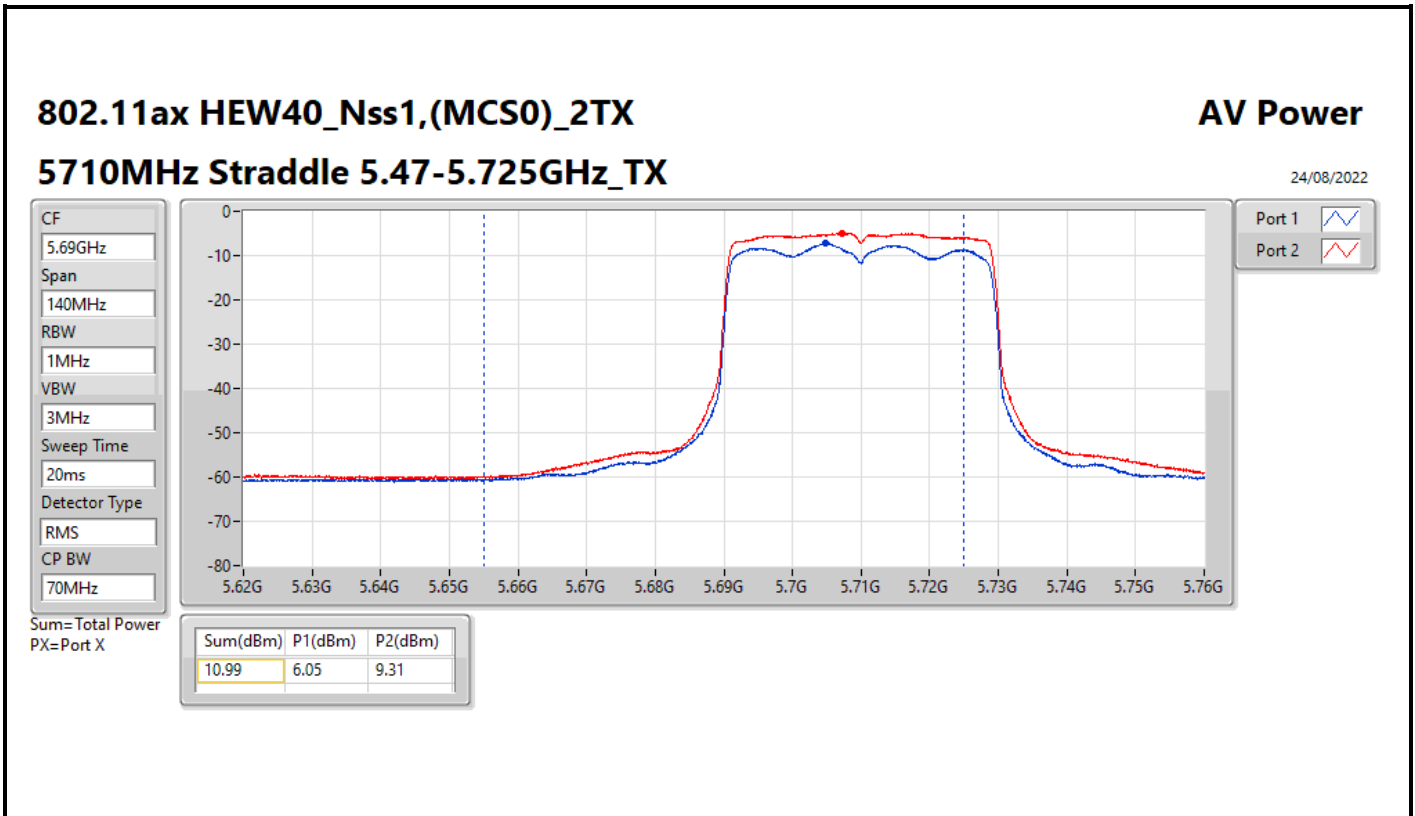


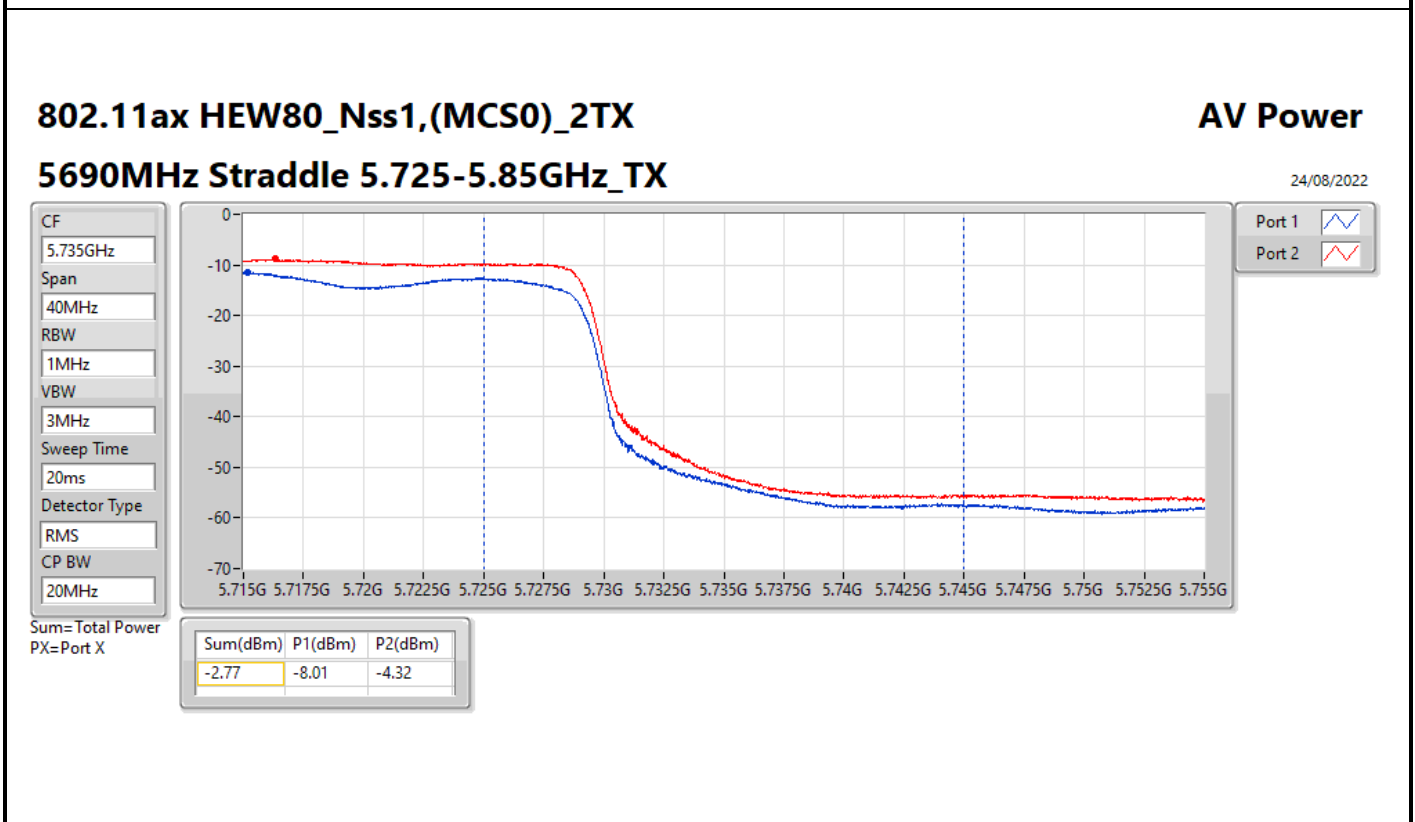
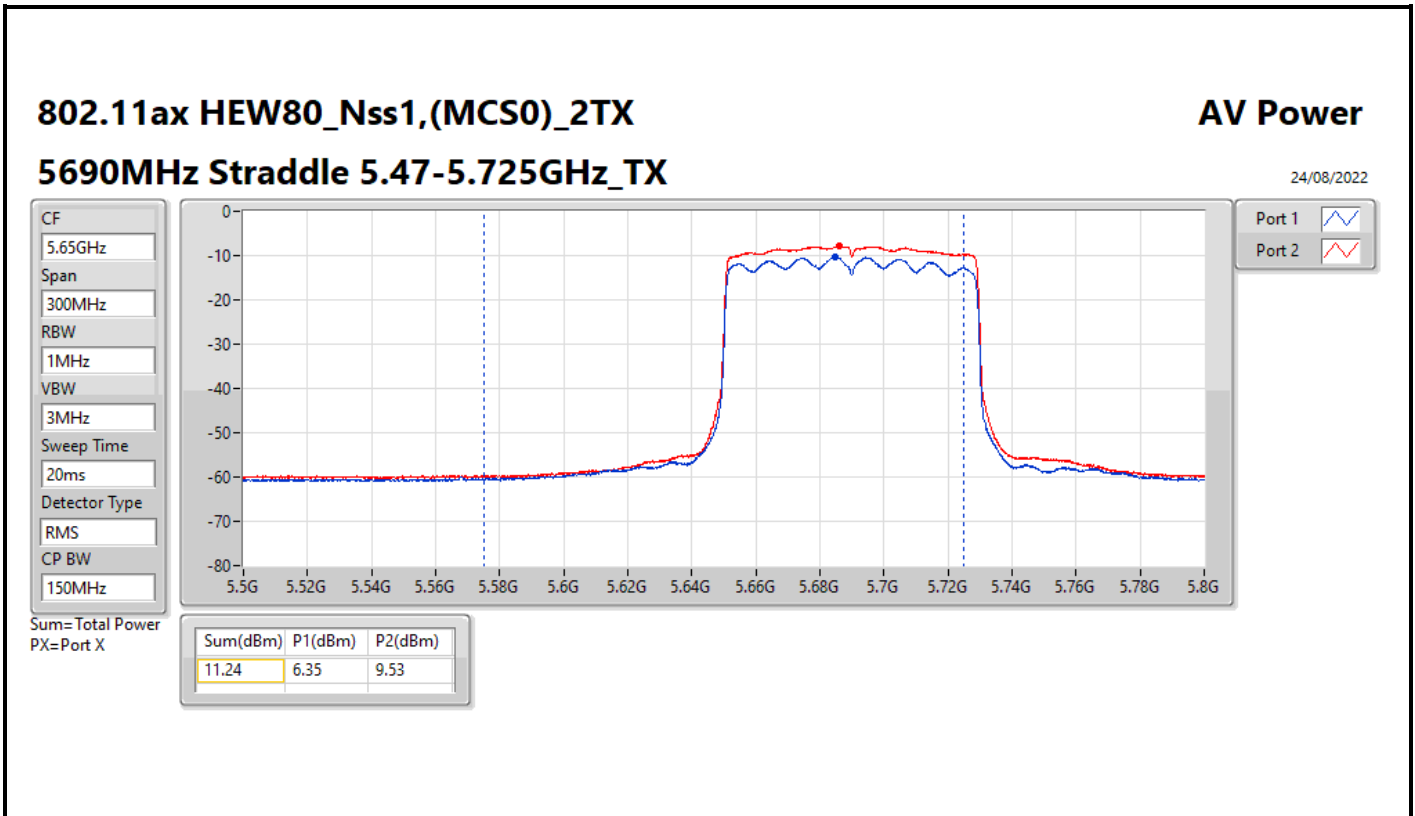


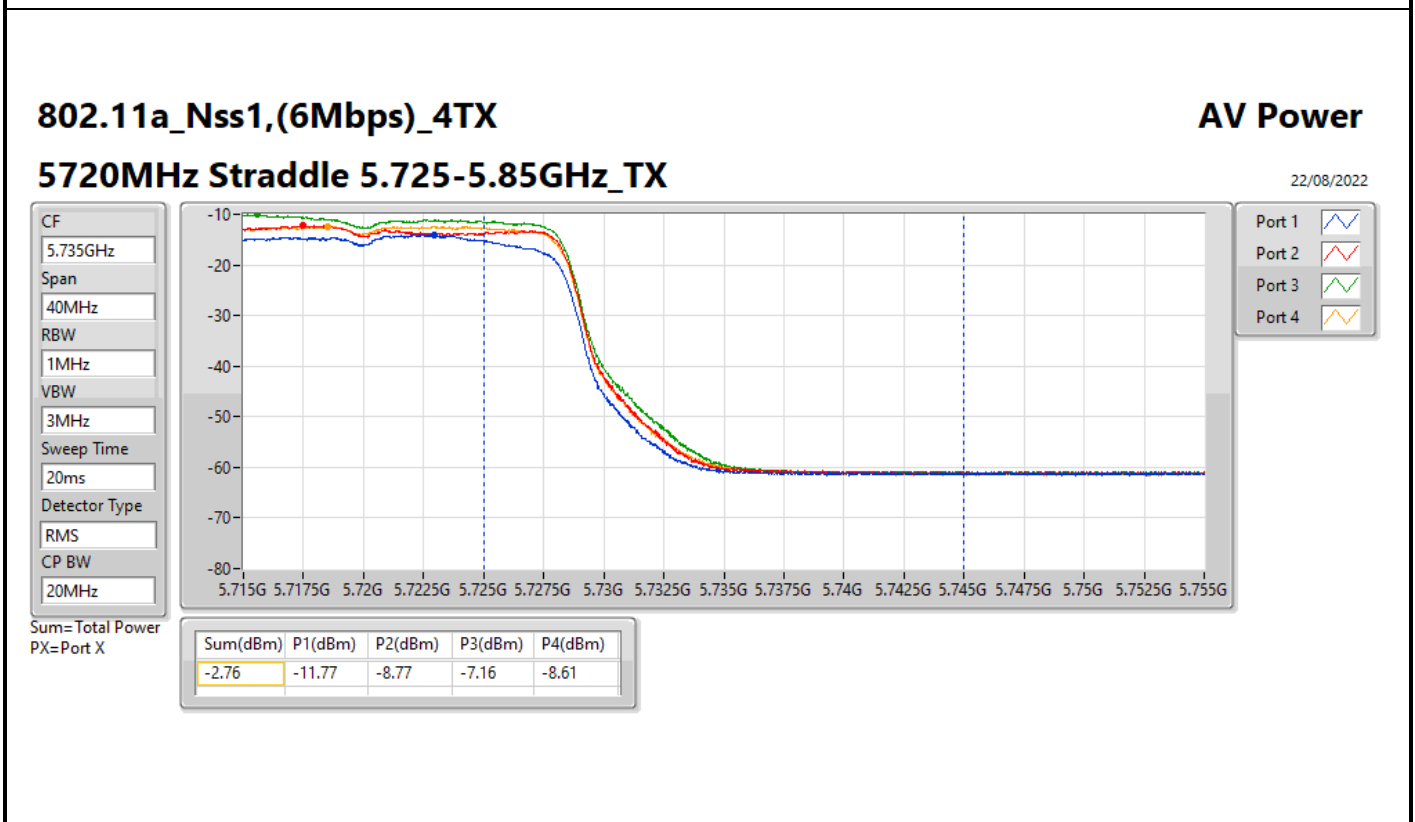
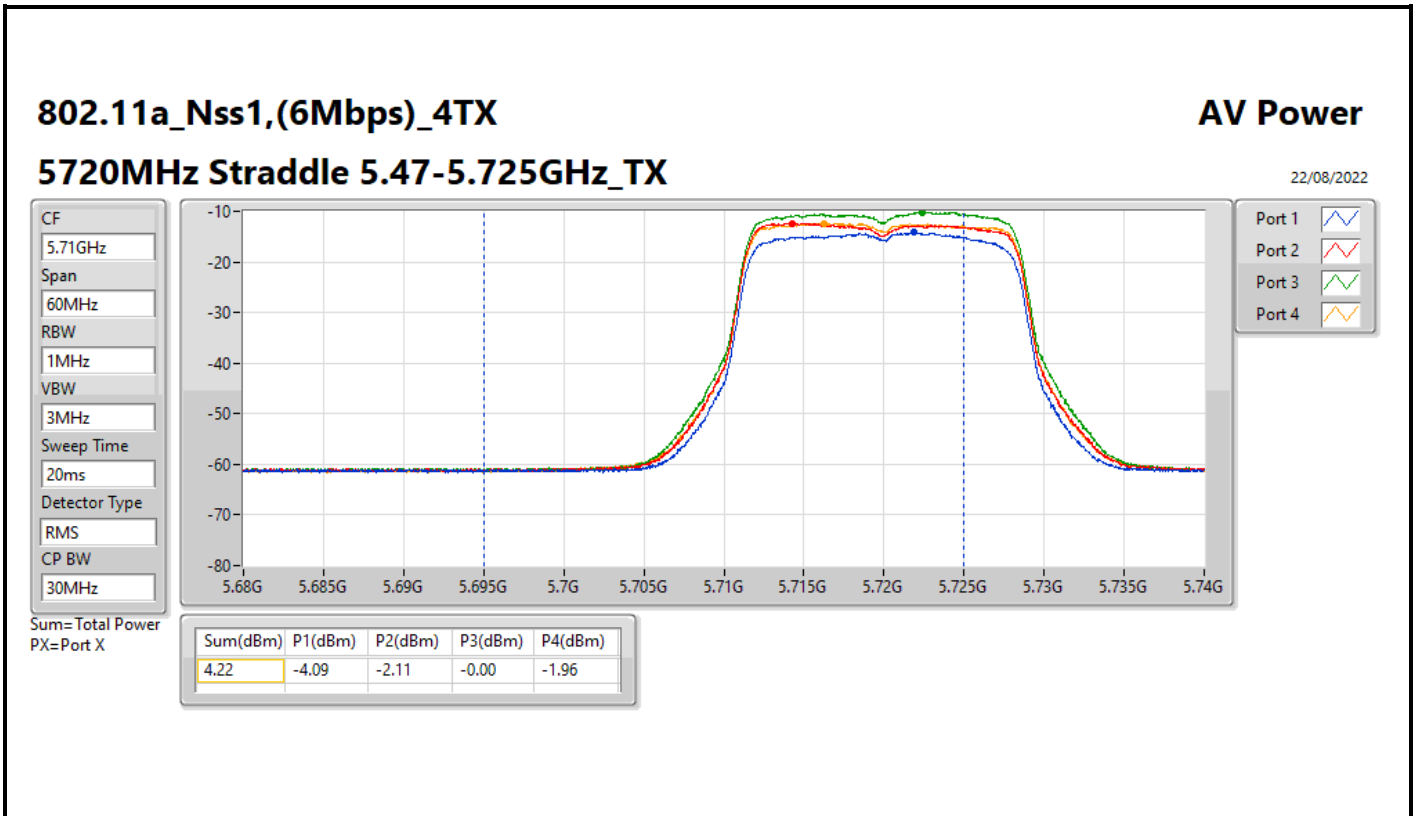


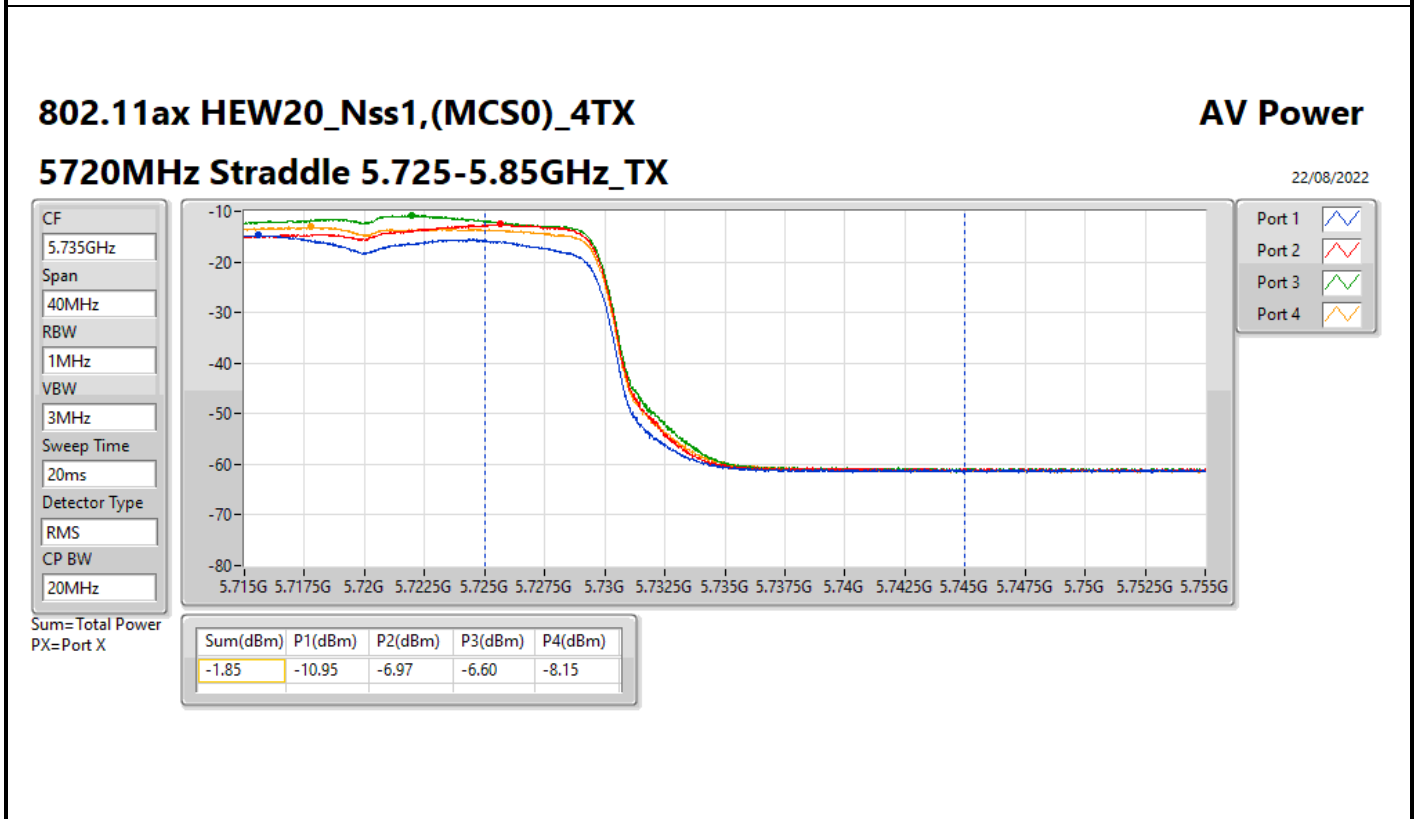
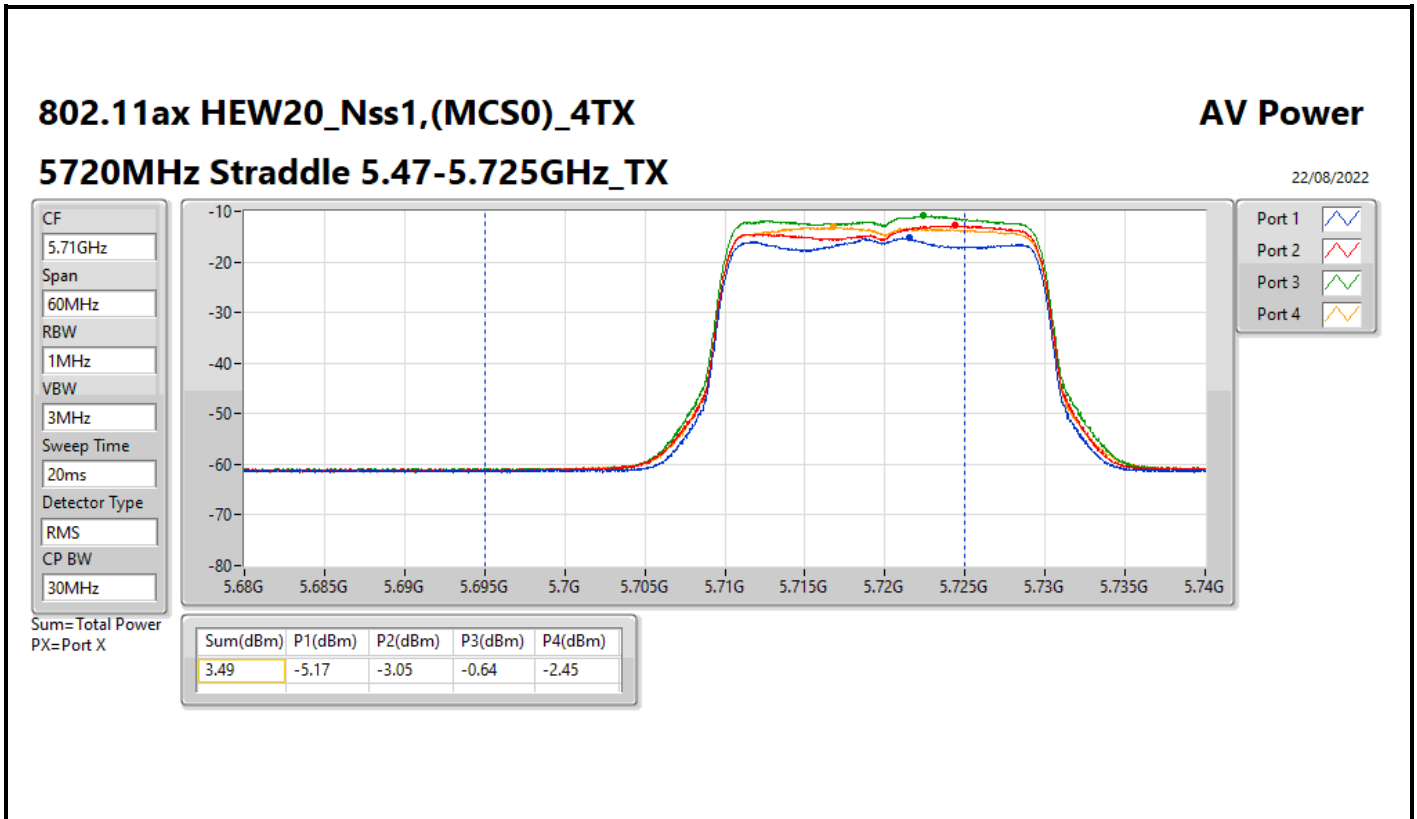


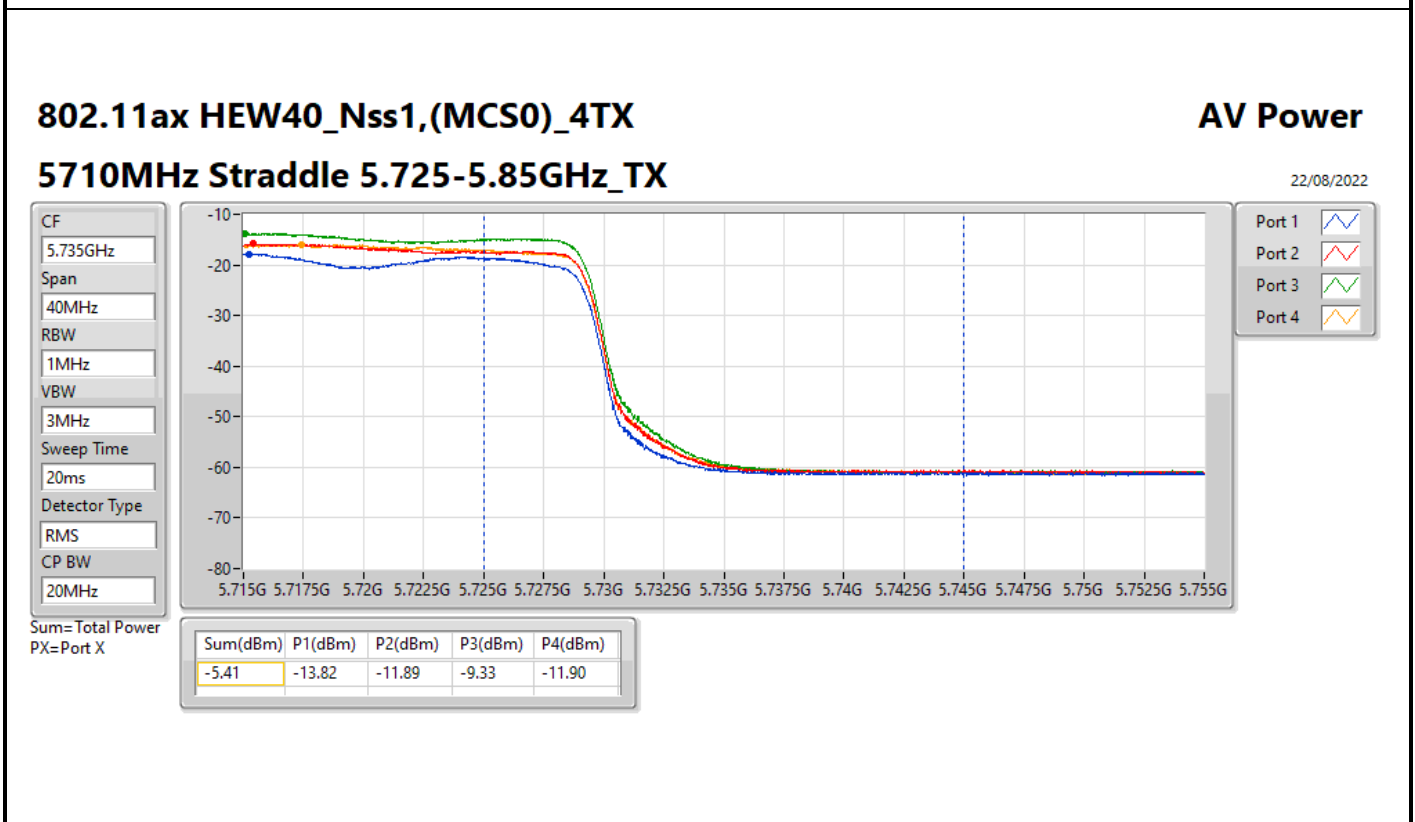
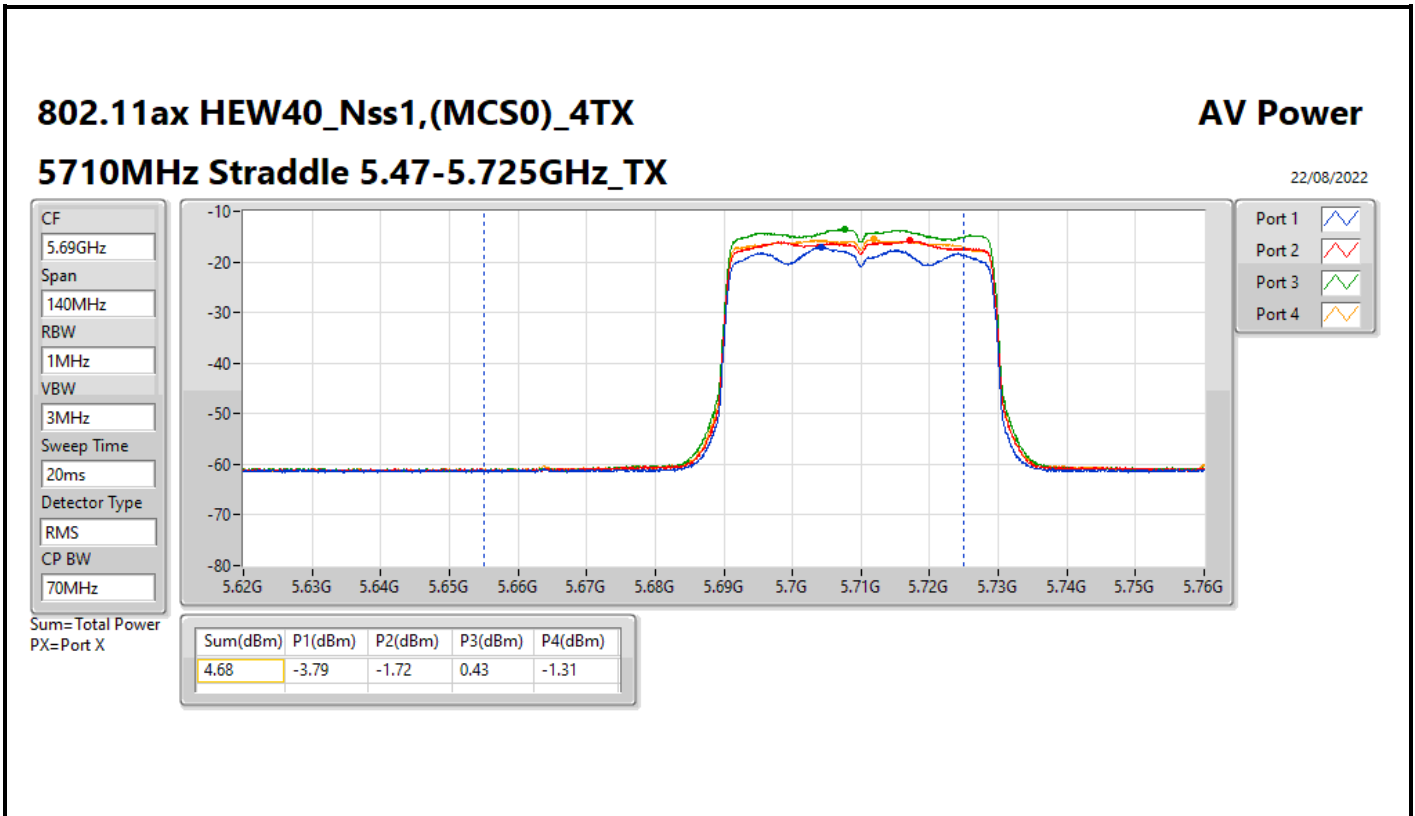


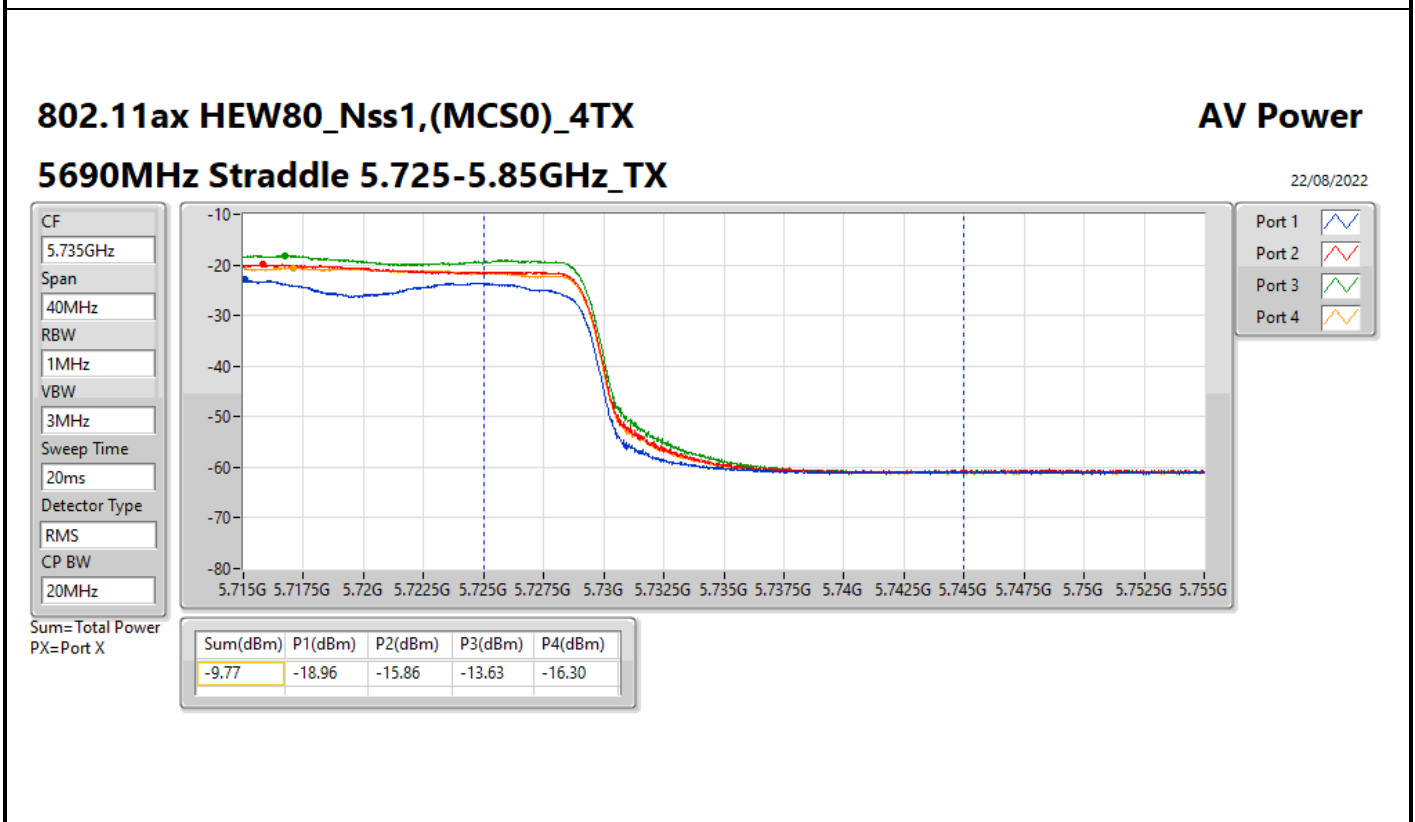
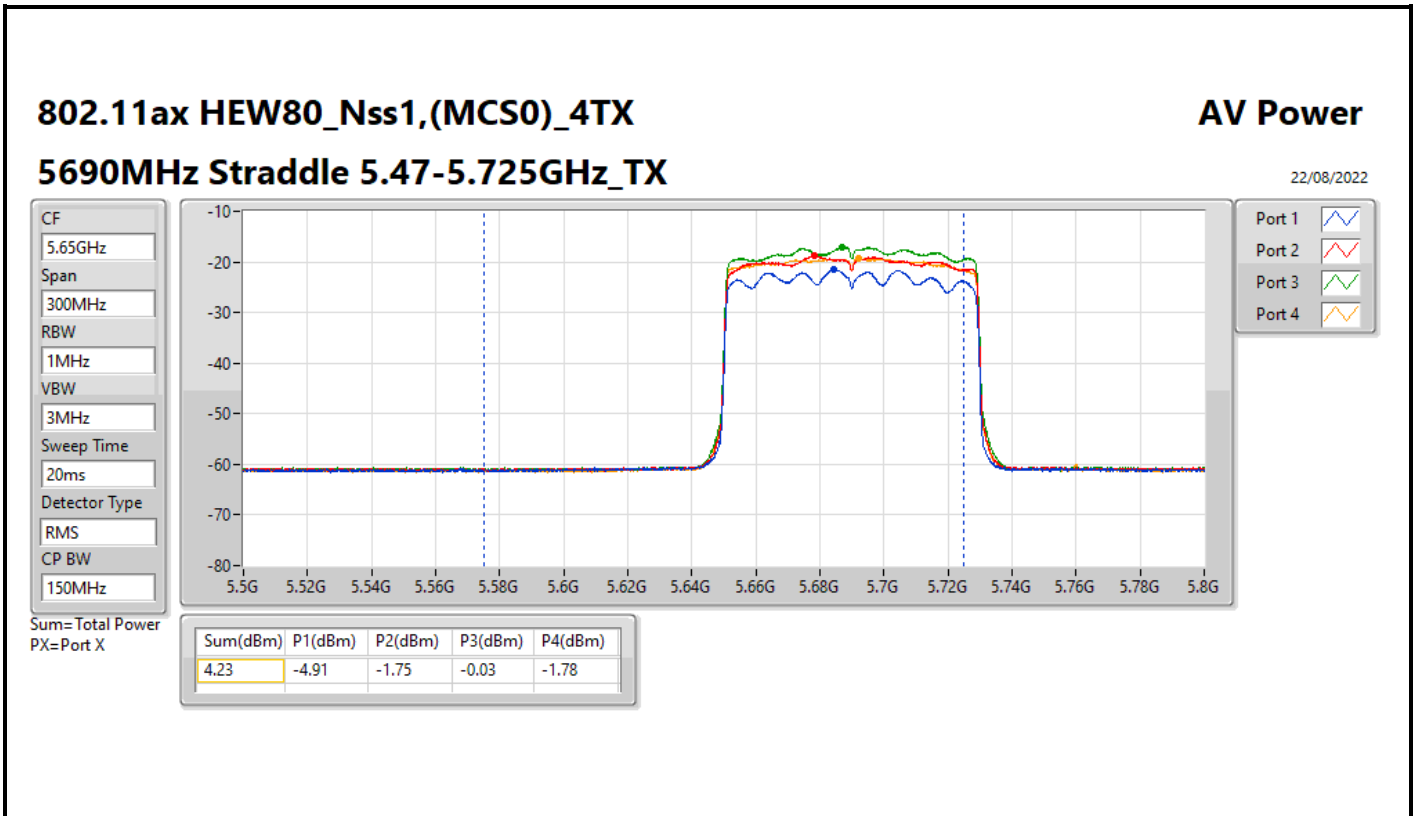














**Average Power_Iron R1_Antenna set 10_
Beamforming mode Indoor_P to M**

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.08	0.01282
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.95	0.01245
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.59	0.00574
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.44	0.01393
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.11	0.01291
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.24	0.01330
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.78	0.00301
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.98	0.00125
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.77	0.00053



**Average Power_Iron R1_Antenna set 10_
Beamforming mode Indoor_P to M**

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	18.53	5.67	9.44	10.96	11.45
5300MHz	Pass	18.53	5.84	9.53	11.08	11.45
5320MHz	Pass	18.53	5.74	9.40	10.95	11.45
5500MHz	Pass	18.53	5.68	9.72	11.16	11.45
5580MHz	Pass	18.53	5.96	10.00	11.44	11.45
5700MHz	Pass	18.53	6.33	9.12	10.96	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	5.08	8.51	10.14	10.36
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.51	3.26	4.78	17.47
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	18.53	5.85	9.35	10.95	11.45
5310MHz	Pass	18.53	4.93	8.16	9.85	11.45
5510MHz	Pass	18.53	6.05	9.47	11.10	11.45
5550MHz	Pass	18.53	5.80	9.60	11.11	11.45
5670MHz	Pass	18.53	6.35	9.32	11.09	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	6.05	9.31	10.99	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.24	-0.57	0.98	17.47
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	18.53	2.74	5.87	7.59	11.45
5530MHz	Pass	18.53	6.01	9.60	11.18	11.45
5610MHz	Pass	18.53	6.03	9.67	11.23	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.35	9.53	11.24	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.01	-4.32	-2.77	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.6

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.20	0.00263
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.14	0.00259
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.17	0.00261
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.45	0.00279
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.50	0.00355
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.79	0.00301
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.85	0.00065
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-5.41	0.00029
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-9.77	0.00011



Average Power_Iron R1_Antenna set 10_Beamforming mode_Indoor_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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-4.79	-1.15	-0.21	-2.63	4.15	8.44
5300MHz	Pass	21.54	-4.82	-1.10	-0.42	-2.11	4.20	8.44
5320MHz	Pass	21.54	-5.23	-1.52	-0.47	-2.36	3.95	8.44
5500MHz	Pass	21.54	-5.18	-1.48	0.27	-1.50	4.45	8.44
5580MHz	Pass	21.54	-4.98	-1.16	-0.65	-3.15	3.85	8.44
5700MHz	Pass	21.54	-4.66	-1.65	0.20	-1.88	4.35	8.44
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-5.17	-3.05	-0.64	-2.45	3.49	7.41
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-10.95	-6.97	-6.60	-8.15	-1.85	14.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	21.54	-4.71	-1.42	-0.25	-2.38	4.12	8.44
5310MHz	Pass	21.54	-4.93	-1.15	-0.46	-2.17	4.14	8.44
5510MHz	Pass	21.54	-4.99	-1.66	0.32	-1.21	4.52	8.44
5550MHz	Pass	21.54	-4.29	-1.04	0.37	-1.30	4.76	8.44
5670MHz	Pass	21.54	-3.14	0.11	0.98	-1.06	5.50	8.44
5710MHz Straddle 5.47-5.725GHz	Pass	21.54	-3.79	-1.72	0.43	-1.31	4.68	8.44
5710MHz Straddle 5.725-5.85GHz	Pass	21.54	-13.82	-11.89	-9.33	-11.90	-5.41	14.46
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	21.54	-4.83	-1.19	-0.29	-2.32	4.17	8.44
5530MHz	Pass	21.54	-4.77	-1.38	0.22	-1.39	4.53	8.44
5610MHz	Pass	21.54	-4.22	-0.92	0.10	-0.96	4.79	8.44
5690MHz Straddle 5.47-5.725GHz	Pass	21.54	-4.91	-1.75	-0.03	-1.78	4.23	8.44
5690MHz Straddle 5.725-5.85GHz	Pass	21.54	-18.96	-15.86	-13.63	-16.30	-9.77	14.46

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



Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to P

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.63	0.01156
802.11ax HEW20_Nss1,(MCS0)_1TX	11.33	0.01358
802.11ax HEW40_Nss1,(MCS0)_1TX	10.82	0.01208
802.11ax HEW80_Nss1,(MCS0)_1TX	5.98	0.00396
802.11a_Nss1,(6Mbps)_2TX	10.98	0.01253
802.11ax HEW20_Nss1,(MCS0)_2TX	11.08	0.01282
802.11ax HEW40_Nss1,(MCS0)_2TX	10.95	0.01245
802.11ax HEW80_Nss1,(MCS0)_2TX	7.59	0.00574
802.11a_Nss1,(6Mbps)_4TX	4.39	0.00275
802.11ax HEW20_Nss1,(MCS0)_4TX	4.20	0.00263
802.11ax HEW40_Nss1,(MCS0)_4TX	4.14	0.00259
802.11ax HEW80_Nss1,(MCS0)_4TX	4.17	0.00261
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.95	0.01245
802.11ax HEW20_Nss1,(MCS0)_1TX	11.29	0.01346
802.11ax HEW40_Nss1,(MCS0)_1TX	11.32	0.01355
802.11ax HEW80_Nss1,(MCS0)_1TX	11.37	0.01371
802.11a_Nss1,(6Mbps)_2TX	11.02	0.01265
802.11ax HEW20_Nss1,(MCS0)_2TX	11.44	0.01393
802.11ax HEW40_Nss1,(MCS0)_2TX	11.11	0.01291
802.11ax HEW80_Nss1,(MCS0)_2TX	11.24	0.01330
802.11a_Nss1,(6Mbps)_4TX	4.53	0.00284
802.11ax HEW20_Nss1,(MCS0)_4TX	4.45	0.00279
802.11ax HEW40_Nss1,(MCS0)_4TX	5.50	0.00355
802.11ax HEW80_Nss1,(MCS0)_4TX	4.79	0.00301
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.33	0.00215
802.11ax HEW20_Nss1,(MCS0)_1TX	4.35	0.00272
802.11ax HEW40_Nss1,(MCS0)_1TX	0.47	0.00111
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.36	0.00046
802.11a_Nss1,(6Mbps)_2TX	3.58	0.00228
802.11ax HEW20_Nss1,(MCS0)_2TX	4.78	0.00301
802.11ax HEW40_Nss1,(MCS0)_2TX	0.98	0.00125
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.77	0.00053
802.11a_Nss1,(6Mbps)_4TX	-2.76	0.00053
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.85	0.00065
802.11ax HEW40_Nss1,(MCS0)_4TX	-5.41	0.00029
802.11ax HEW80_Nss1,(MCS0)_4TX	-9.77	0.00011



Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to P

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	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	10.63				10.63	11.38
5300MHz	Pass	18.53	10.48				10.48	11.42
5320MHz	Pass	18.53	10.33				10.33	11.39
5500MHz	Pass	18.53	10.75				10.75	11.45
5580MHz	Pass	18.53	10.95				10.95	11.40
5700MHz	Pass	18.53	10.56				10.56	11.38
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.01				10.01	10.16
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	3.33				3.33	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	11.33				11.33	11.45
5300MHz	Pass	18.53	10.62				10.62	11.45
5320MHz	Pass	18.53	10.40				10.40	11.45
5500MHz	Pass	18.53	11.00				11.00	11.45
5580MHz	Pass	18.53	10.06				10.06	11.45
5700MHz	Pass	18.53	11.29				11.29	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.15				10.15	10.48
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.35				4.35	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	10.82				10.82	11.45
5310MHz	Pass	18.53	8.66				8.66	11.45
5510MHz	Pass	18.53	11.07				11.07	11.45
5550MHz	Pass	18.53	11.05				11.05	11.45
5670MHz	Pass	18.53	11.32				11.32	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.08				11.08	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.47				0.47	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.98				5.98	11.45
5530MHz	Pass	18.53	11.05				11.05	11.45
5610MHz	Pass	18.53	11.13				11.13	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.37				11.37	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-3.36				-3.36	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.50	9.18			10.73	11.38
5300MHz	Pass	18.53	5.81	9.40			10.98	11.38
5320MHz	Pass	18.53	5.65	9.29			10.85	11.36
5500MHz	Pass	18.53	5.69	9.52			11.02	11.36
5580MHz	Pass	18.53	5.25	9.29			10.73	11.35
5700MHz	Pass	18.53	3.25	6.64			8.28	11.34
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	5.22	8.31			10.04	10.11
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-1.55	1.99			3.58	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.67	9.44			10.96	11.45
5300MHz	Pass	18.53	5.84	9.53			11.08	11.45
5320MHz	Pass	18.53	5.74	9.40			10.95	11.45
5500MHz	Pass	18.53	5.68	9.72			11.16	11.45
5580MHz	Pass	18.53	5.96	10.00			11.44	11.45
5700MHz	Pass	18.53	6.33	9.12			10.96	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	5.08	8.51			10.14	10.36
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.51	3.26			4.78	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	5.85	9.35			10.95	11.45
5310MHz	Pass	18.53	4.93	8.16			9.85	11.45
5510MHz	Pass	18.53	6.05	9.47			11.10	11.45
5550MHz	Pass	18.53	5.80	9.60			11.11	11.45

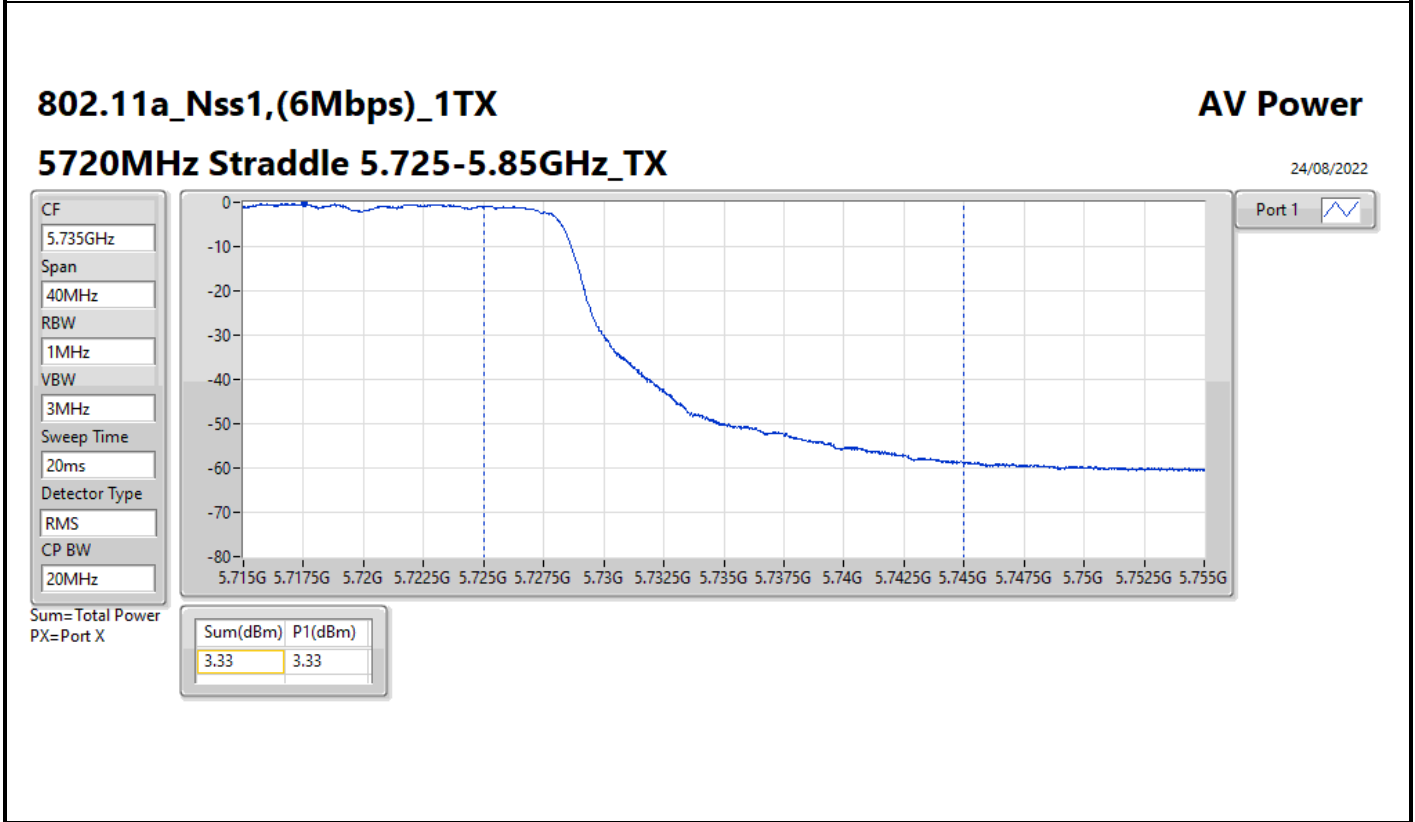
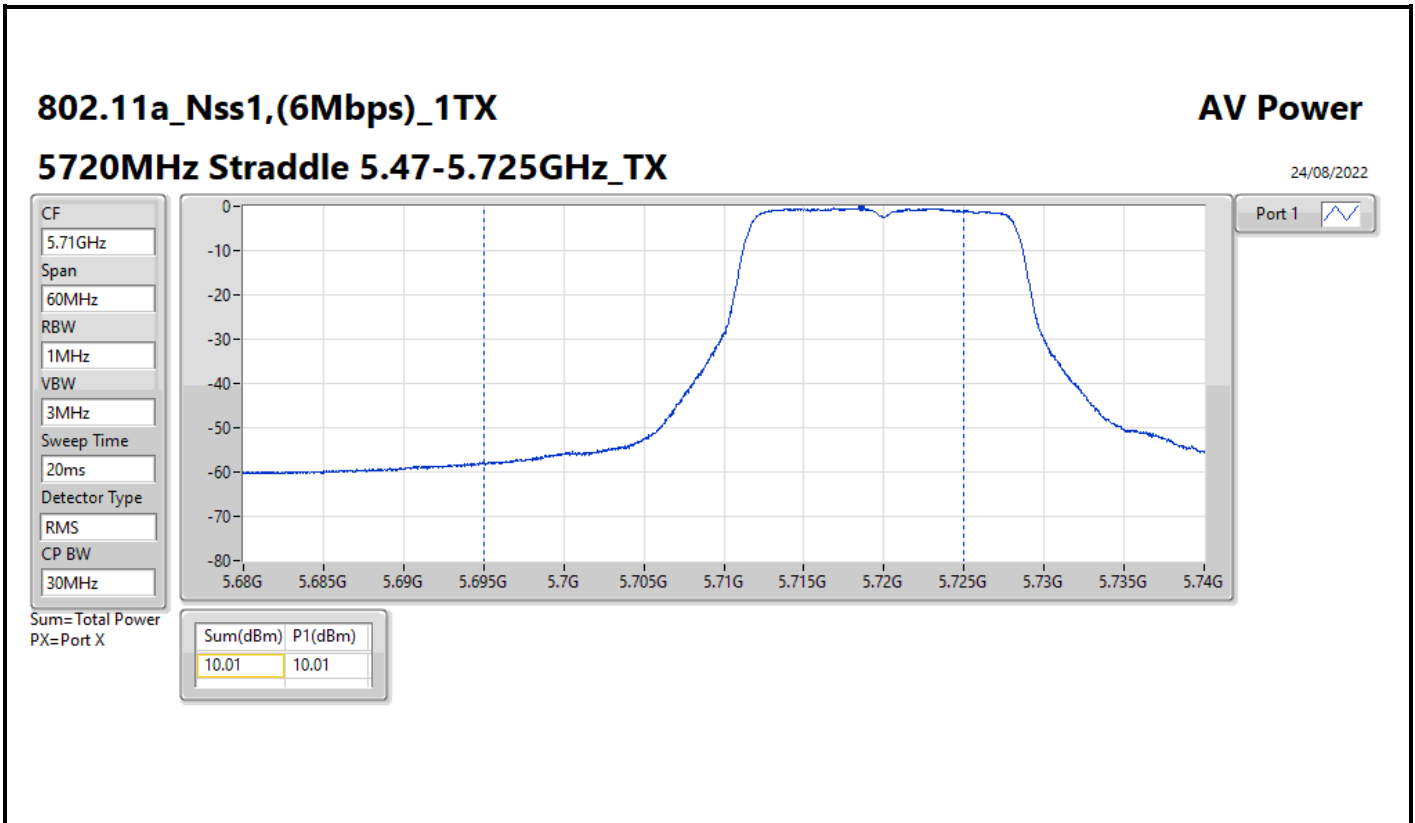


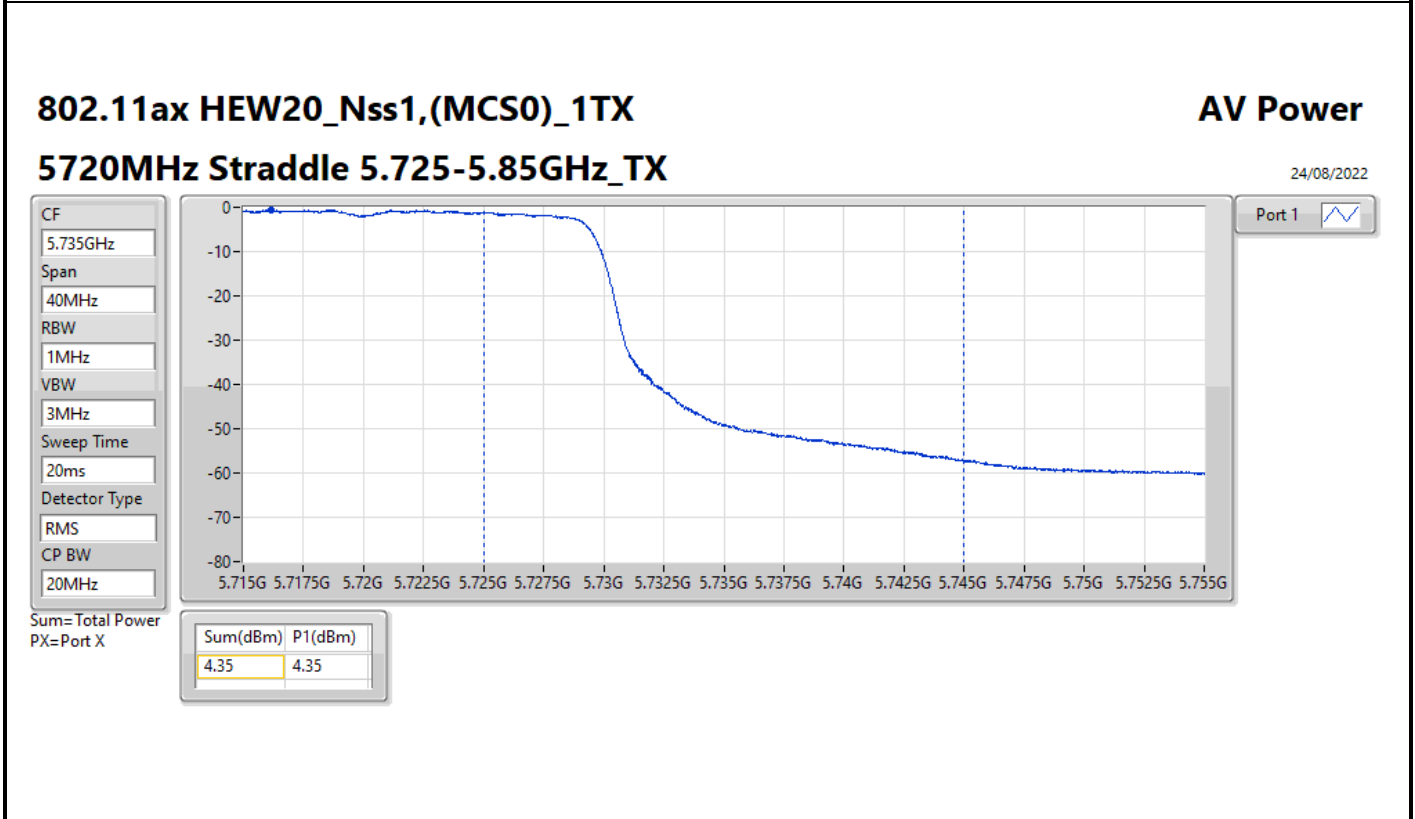
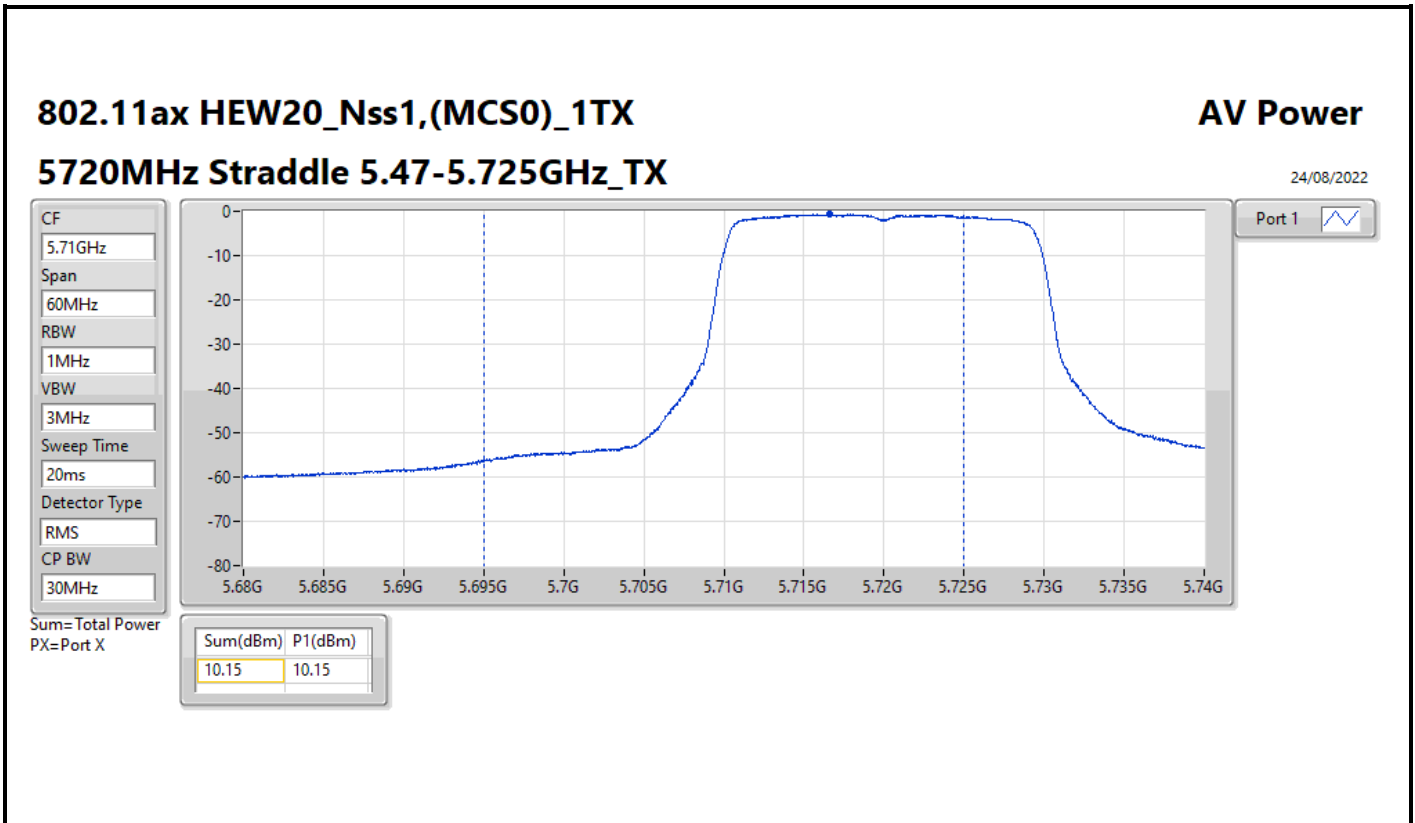
Average Power_Iron R1_Antenna set 10_
Non beamforming mode_Indoor_P to P

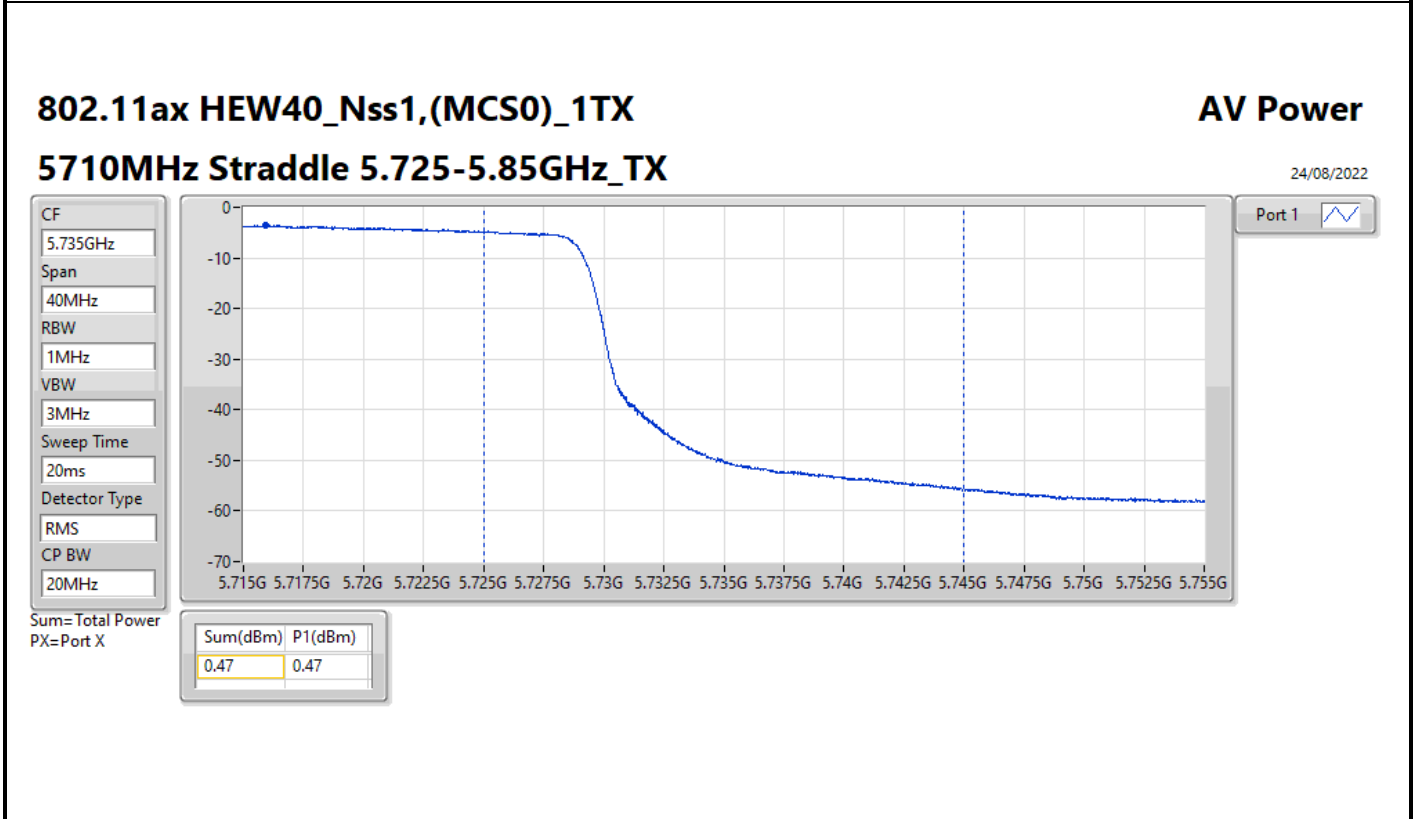
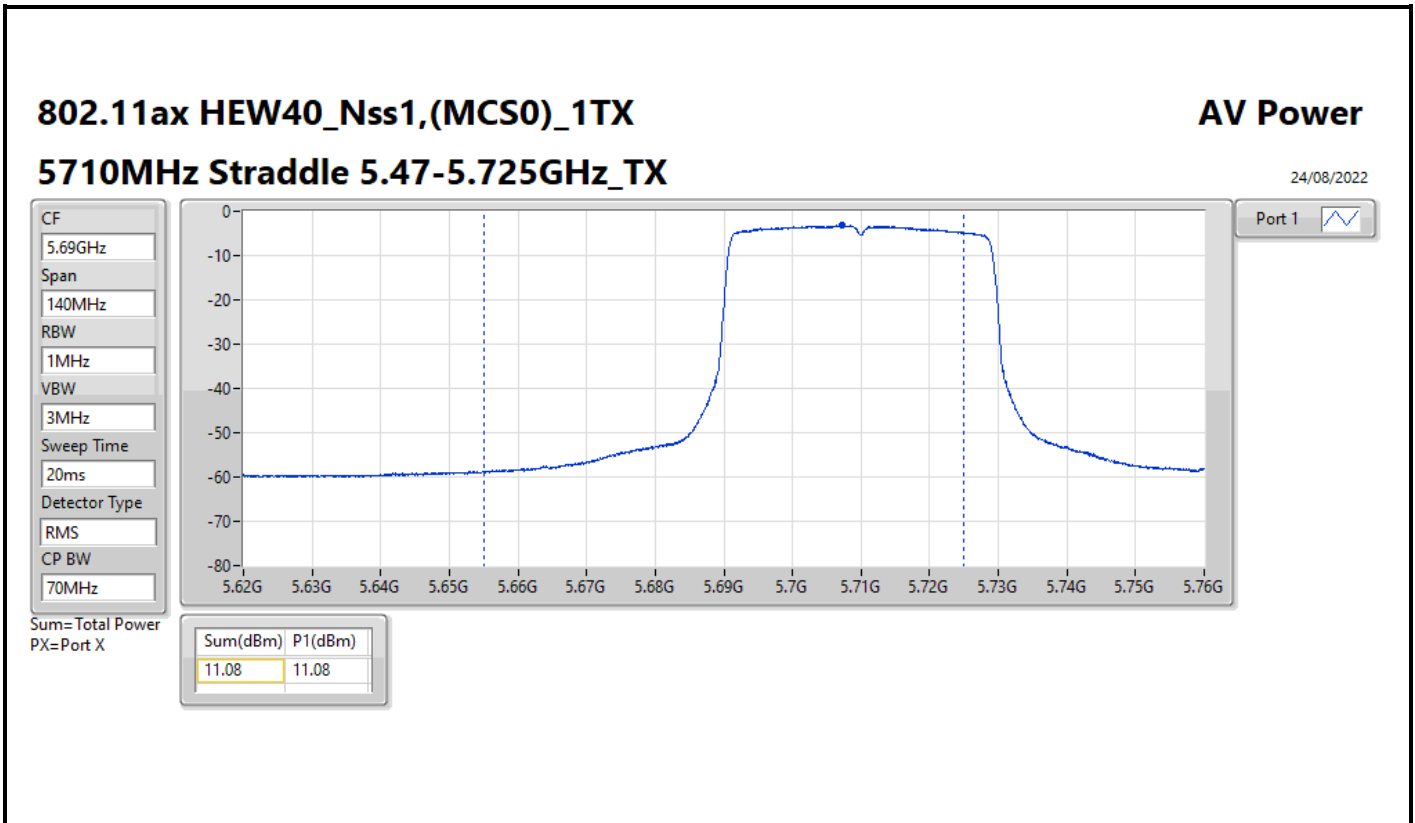
Appendix C.7

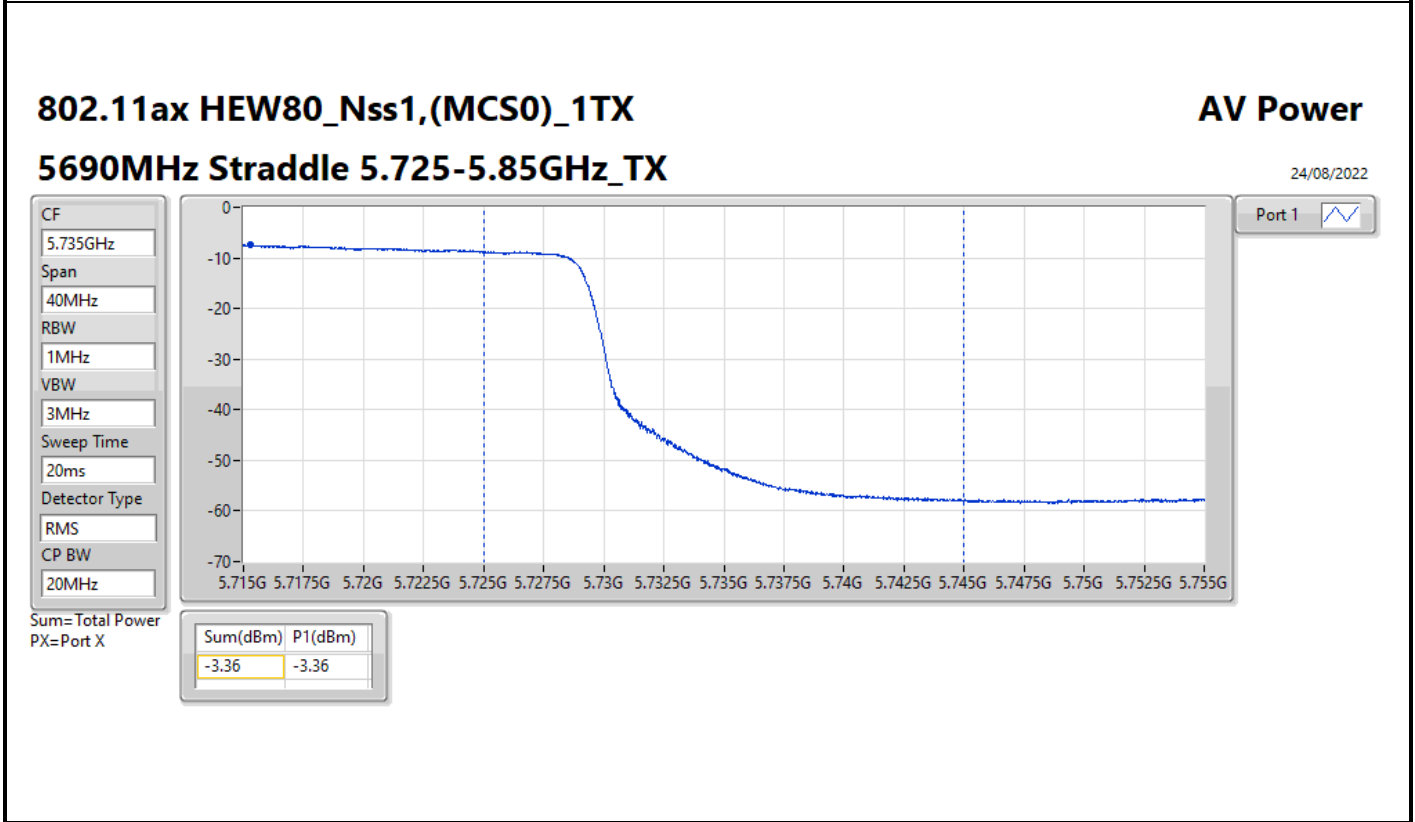
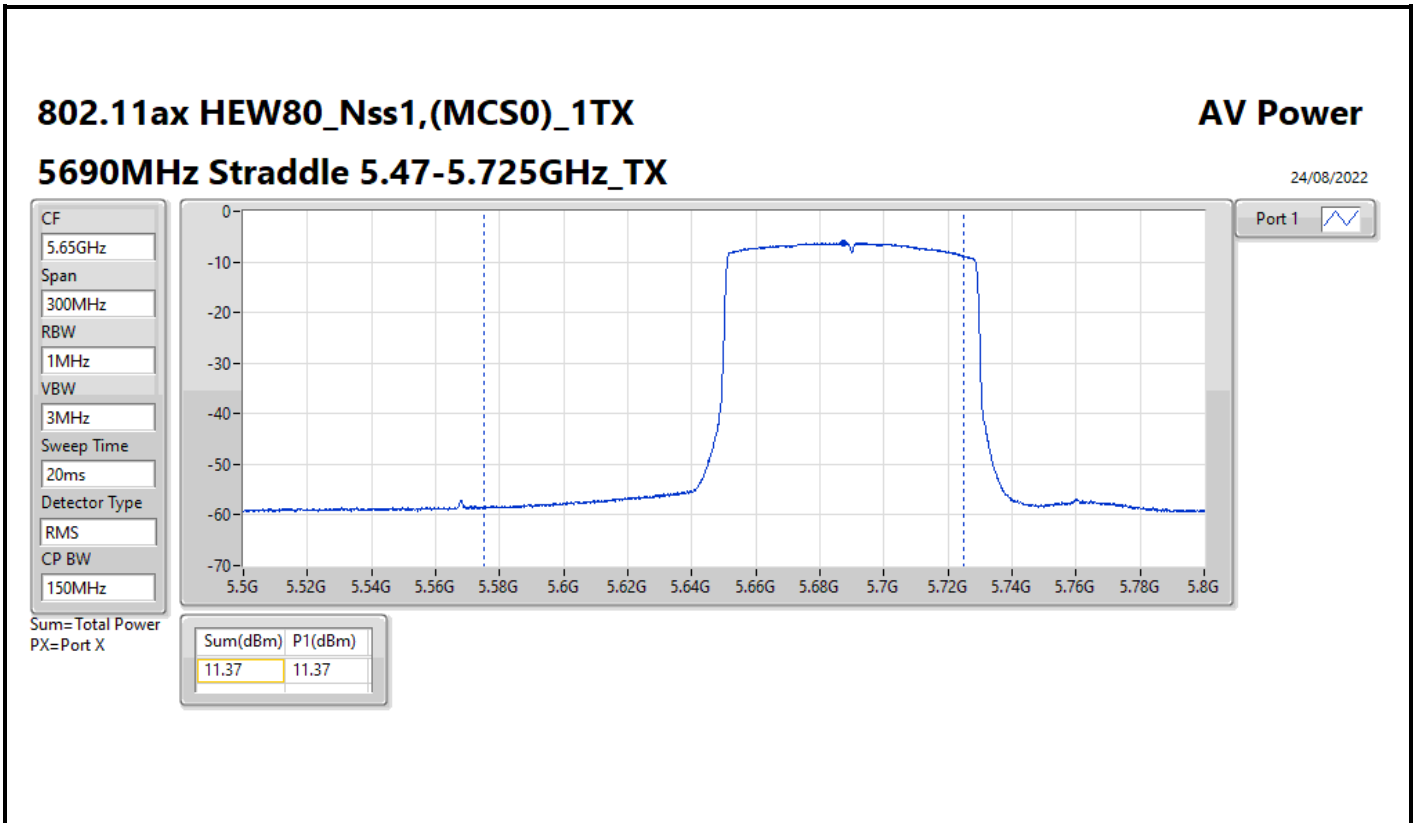
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5670MHz	Pass	18.53	6.35	9.32			11.09	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	6.05	9.31			10.99	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.24	-0.57			0.98	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	2.74	5.87			7.59	11.45
5530MHz	Pass	18.53	6.01	9.60			11.18	11.45
5610MHz	Pass	18.53	6.03	9.67			11.23	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.35	9.53			11.24	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.01	-4.32			-2.77	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-4.51	-0.76	-0.09	-2.42	4.39	11.34
5300MHz	Pass	18.53	-4.87	-1.13	-0.30	-2.17	4.21	11.33
5320MHz	Pass	18.53	-4.91	-1.25	-0.06	-2.18	4.26	11.33
5500MHz	Pass	18.53	-5.25	-1.54	0.25	-1.41	4.44	11.36
5580MHz	Pass	18.53	-4.73	-1.09	-0.42	-2.91	4.04	11.36
5700MHz	Pass	18.53	-4.72	-1.61	0.41	-1.49	4.53	11.30
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.09	-2.11	-0.00	-1.96	4.22	10.13
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-11.77	-8.77	-7.16	-8.61	-2.76	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-4.79	-1.15	-0.21	-2.63	4.15	11.45
5300MHz	Pass	18.53	-4.82	-1.10	-0.42	-2.11	4.20	11.45
5320MHz	Pass	18.53	-5.23	-1.52	-0.47	-2.36	3.95	11.45
5500MHz	Pass	18.53	-5.18	-1.48	0.27	-1.50	4.45	11.45
5580MHz	Pass	18.53	-4.98	-1.16	-0.65	-3.15	3.85	11.45
5700MHz	Pass	18.53	-4.66	-1.65	0.20	-1.88	4.35	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-5.17	-3.05	-0.64	-2.45	3.49	10.42
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-10.95	-6.97	-6.60	-8.15	-1.85	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	-4.71	-1.42	-0.25	-2.38	4.12	11.45
5310MHz	Pass	18.53	-4.93	-1.15	-0.46	-2.17	4.14	11.45
5510MHz	Pass	18.53	-4.99	-1.66	0.32	-1.21	4.52	11.45
5550MHz	Pass	18.53	-4.29	-1.04	0.37	-1.30	4.76	11.45
5670MHz	Pass	18.53	-3.14	0.11	0.98	-1.06	5.50	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	-3.79	-1.72	0.43	-1.31	4.68	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-13.82	-11.89	-9.33	-11.90	-5.41	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	-4.83	-1.19	-0.29	-2.32	4.17	11.45
5530MHz	Pass	18.53	-4.77	-1.38	0.22	-1.39	4.53	11.45
5610MHz	Pass	18.53	-4.22	-0.92	0.10	-0.96	4.79	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.91	-1.75	-0.03	-1.78	4.23	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-18.96	-15.86	-13.63	-16.30	-9.77	30.00

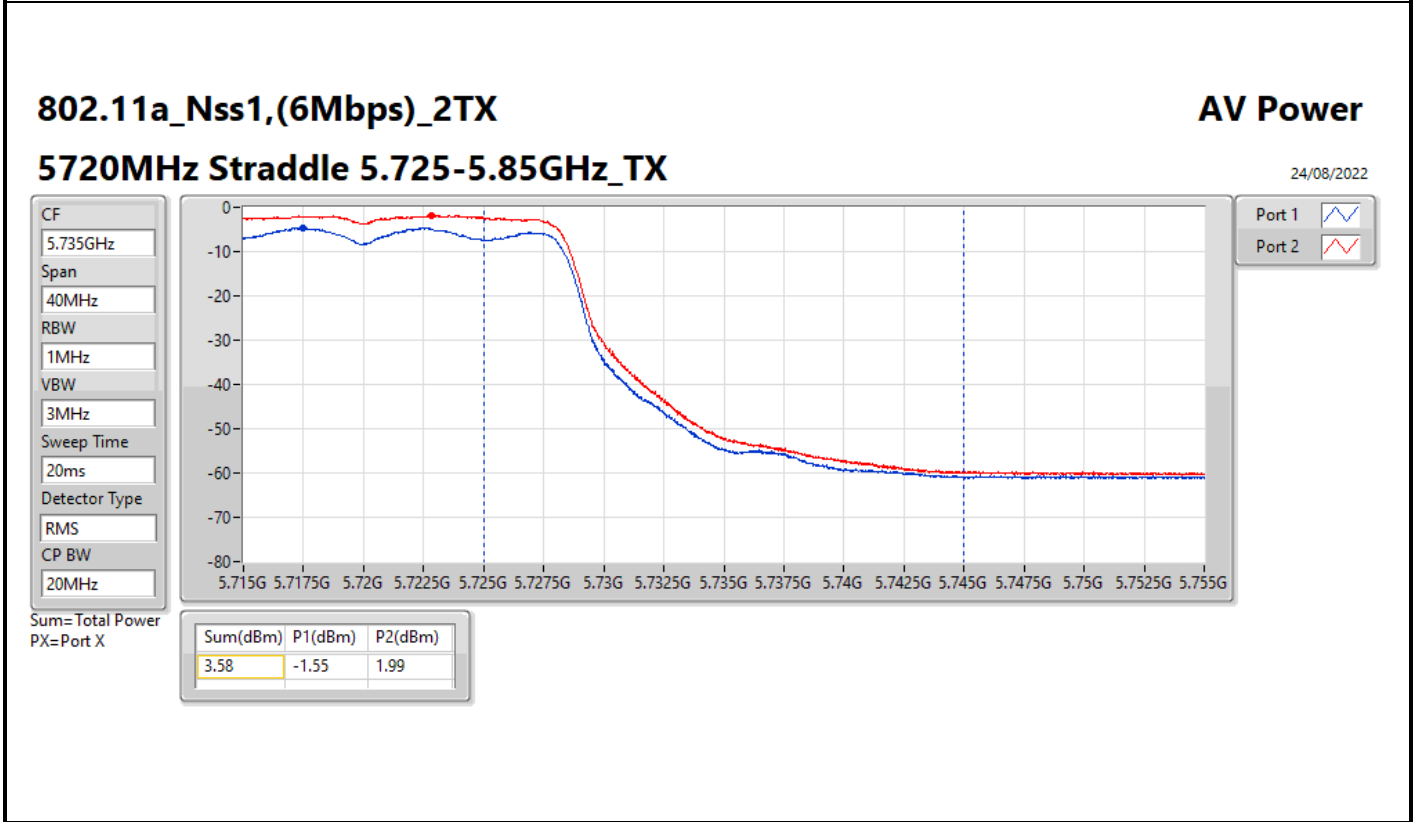
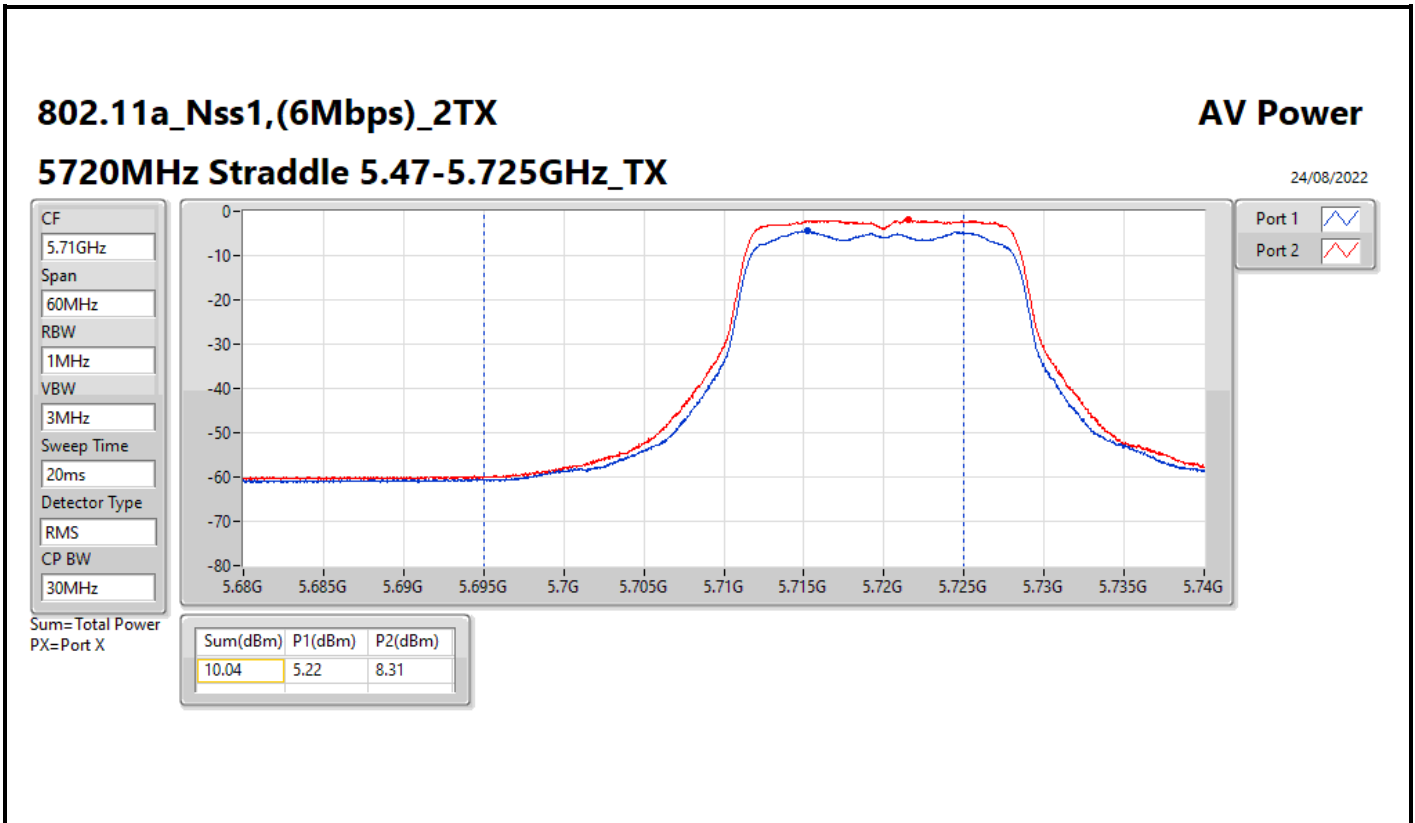
DG = Directional Gain; Port X = Port X output power

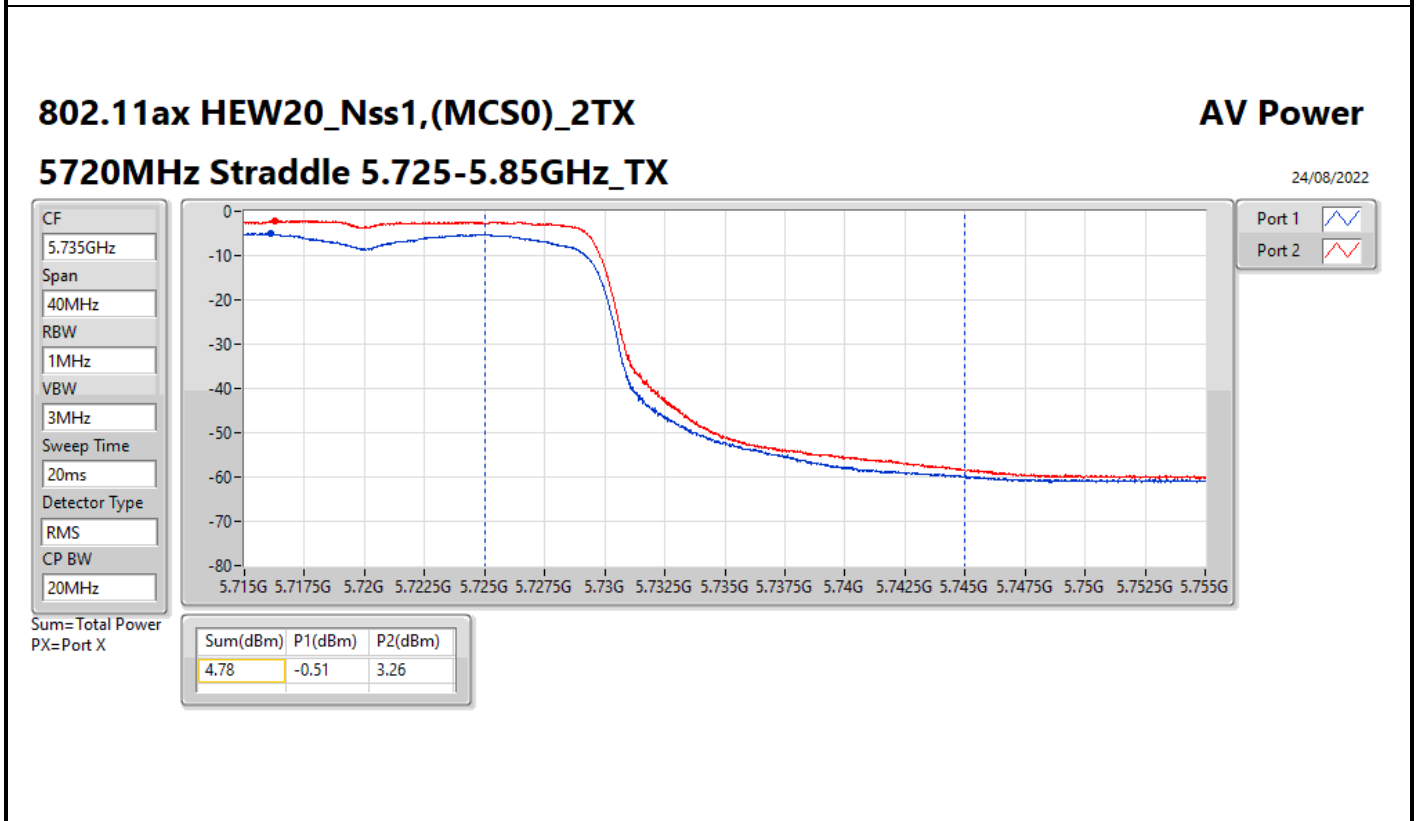
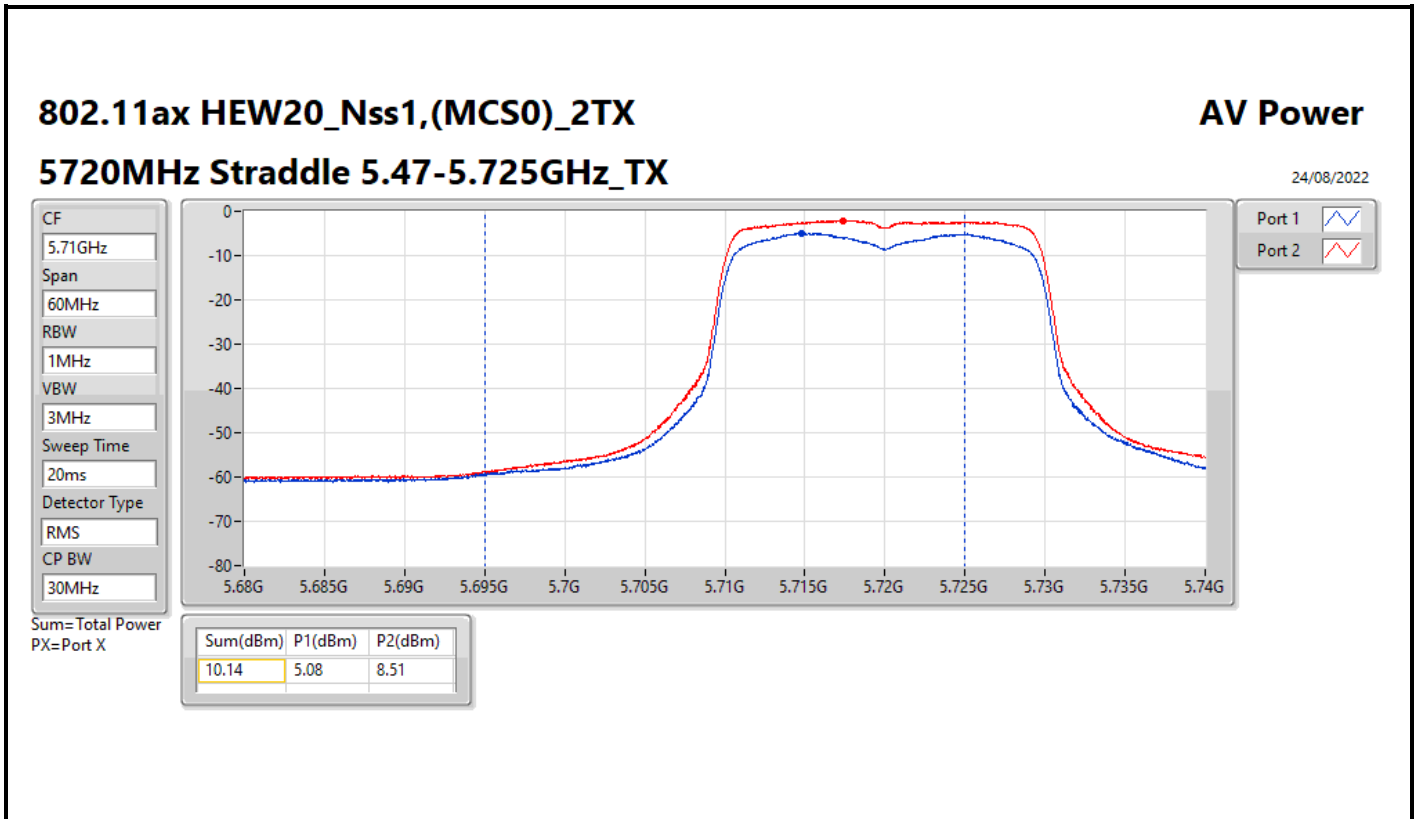


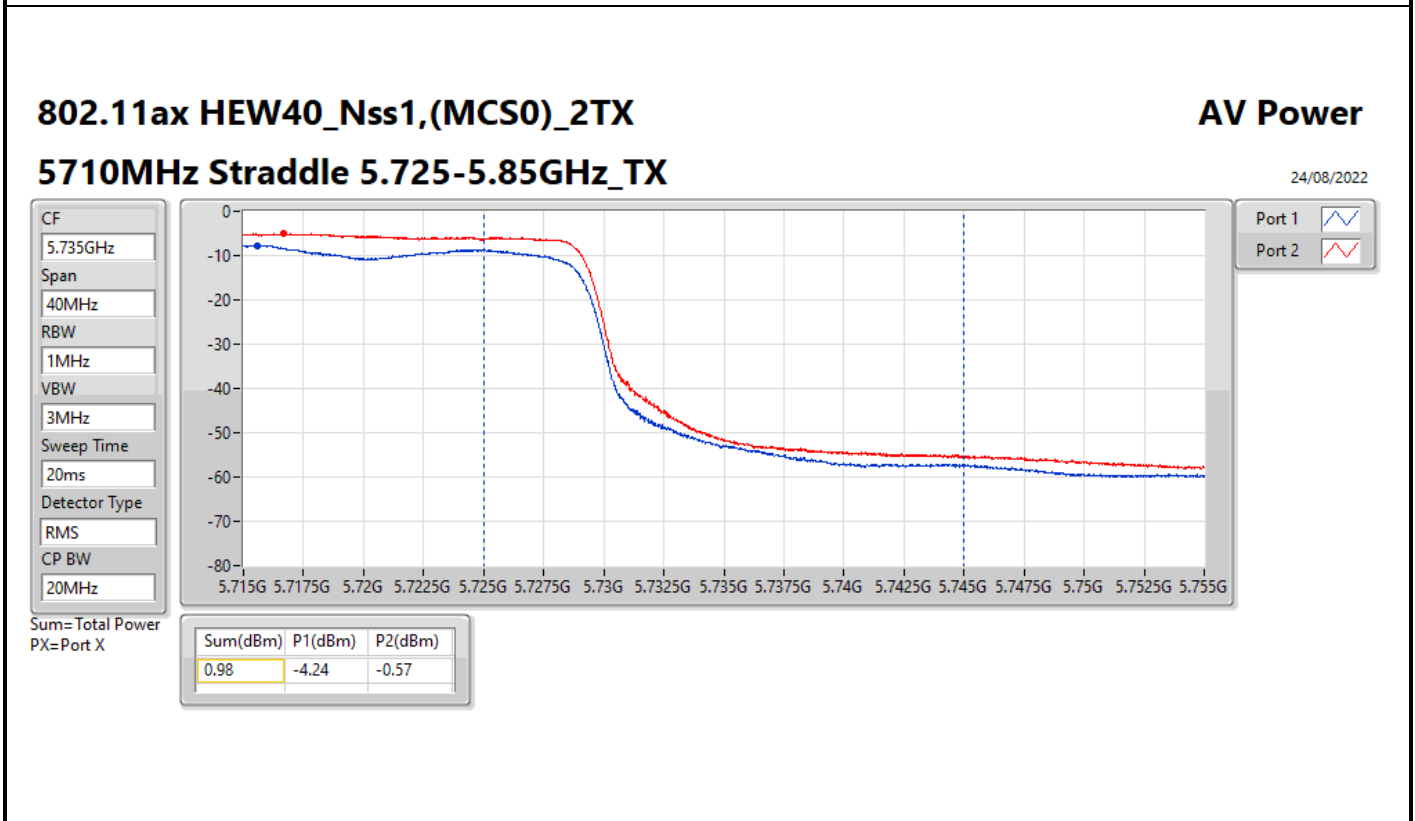
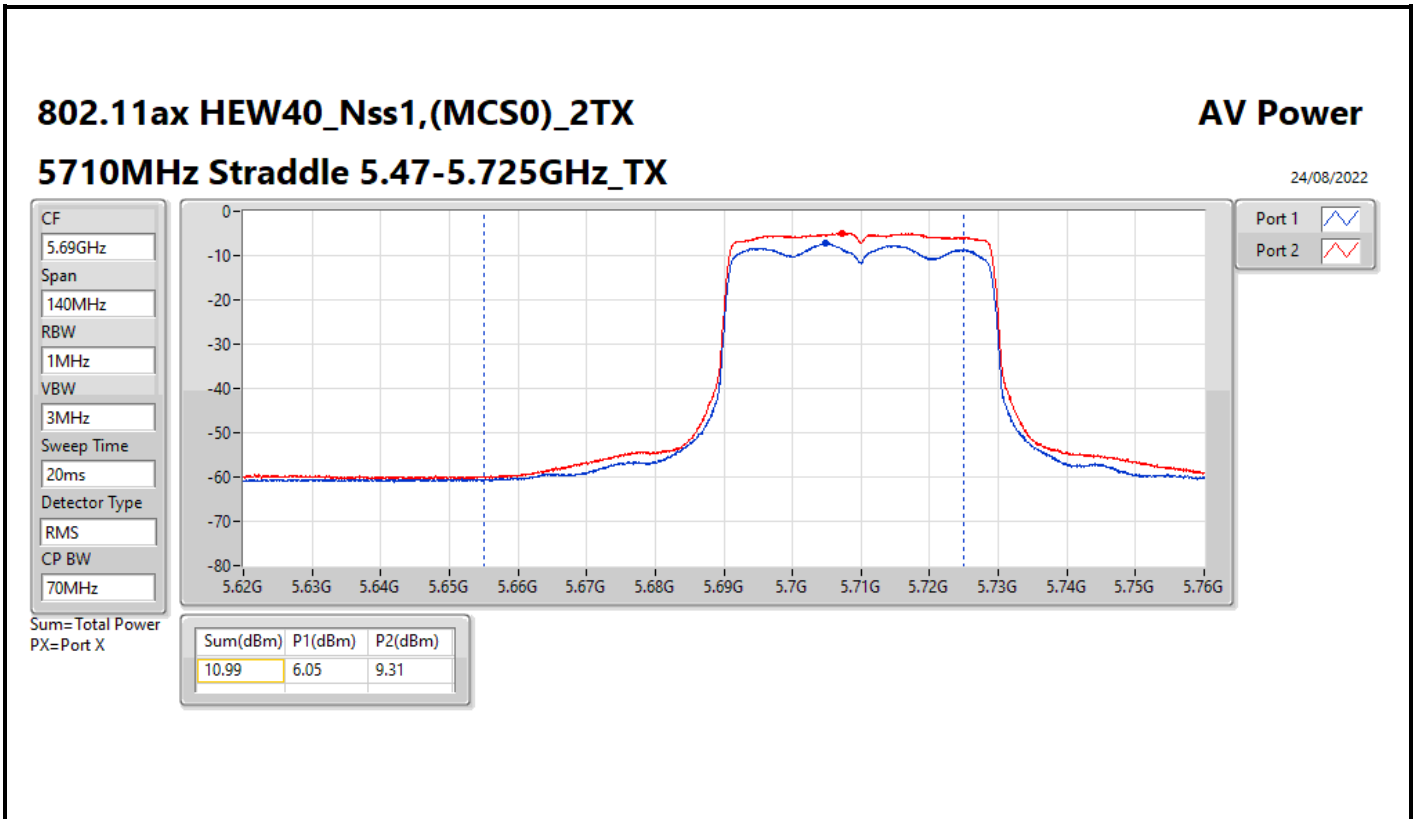


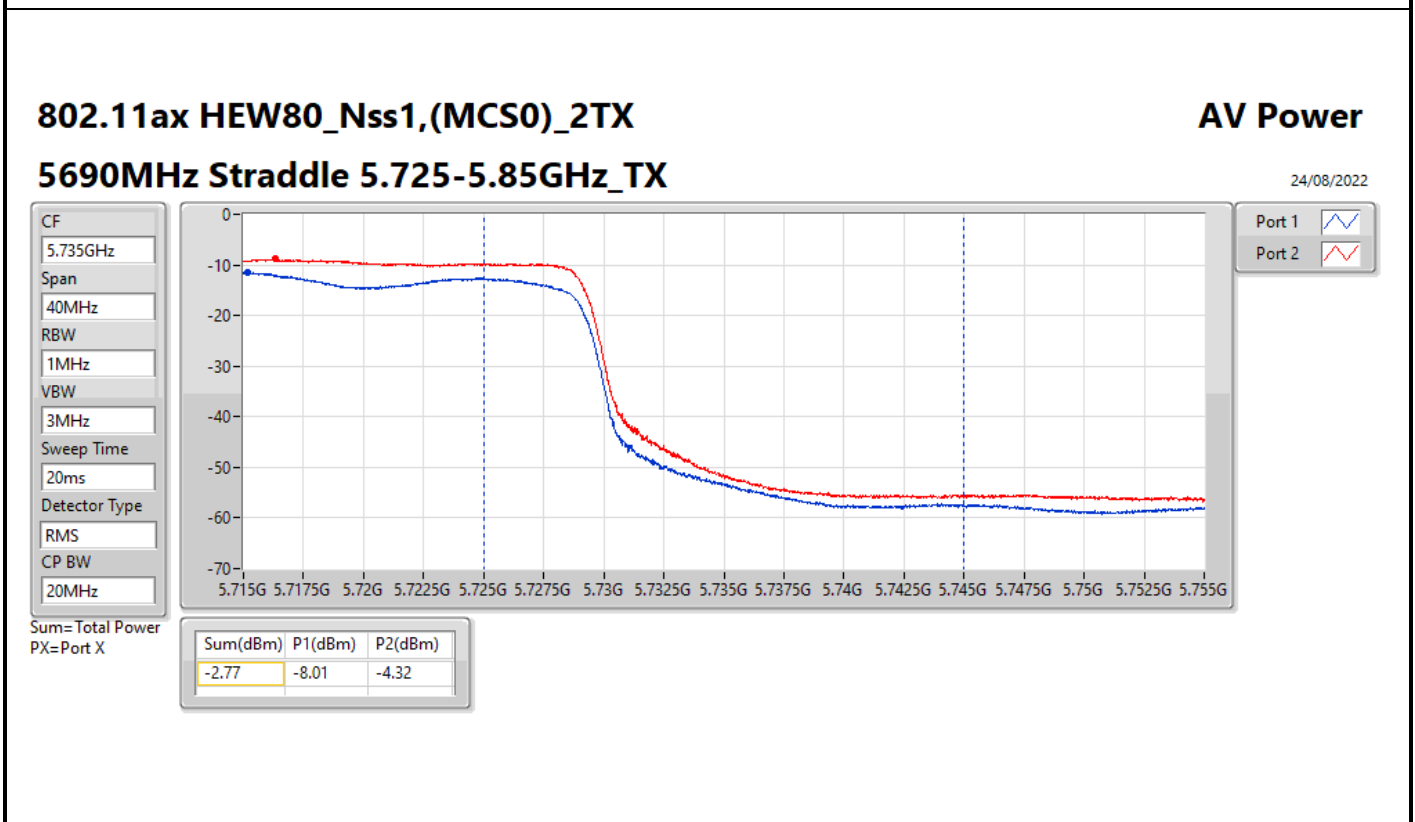
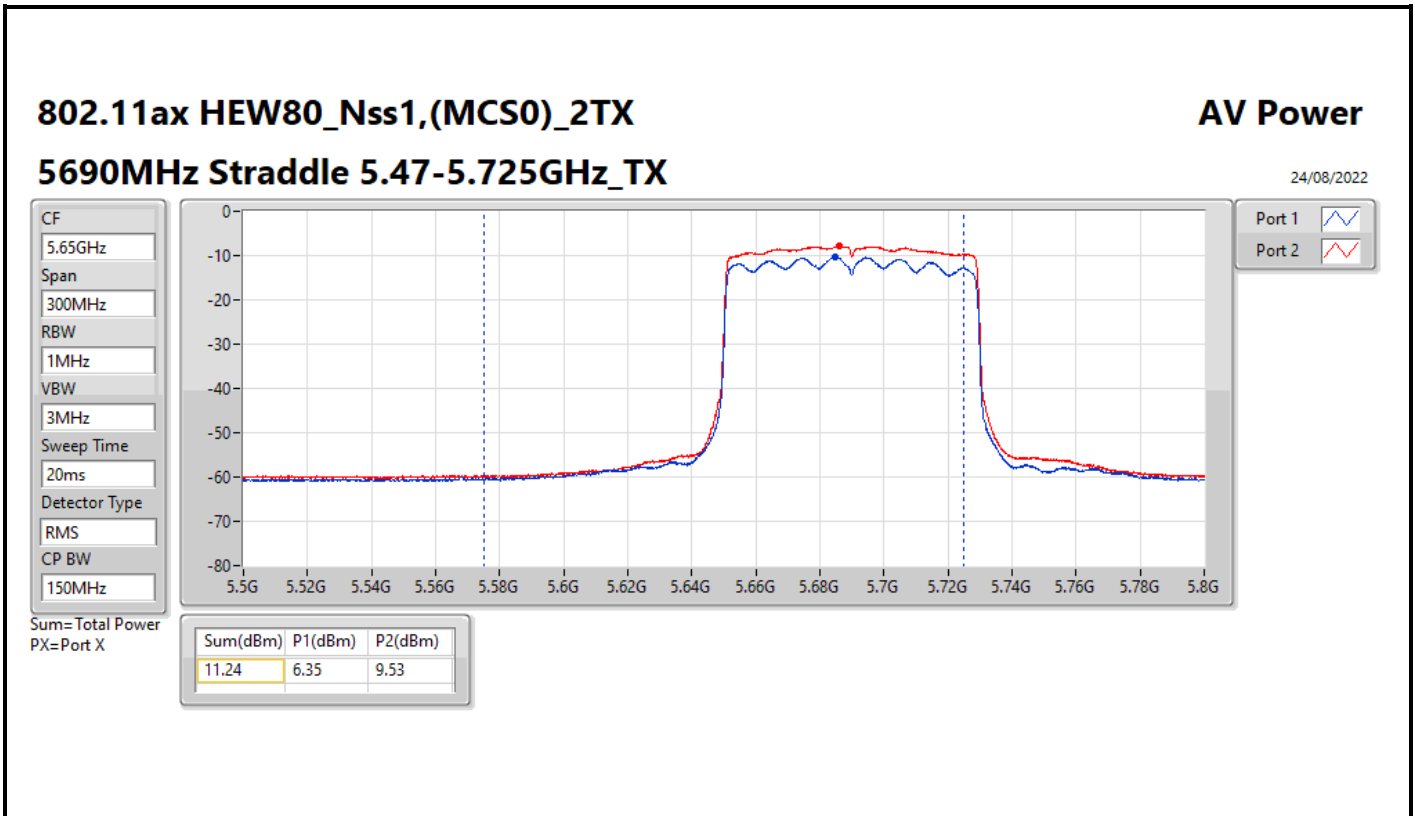


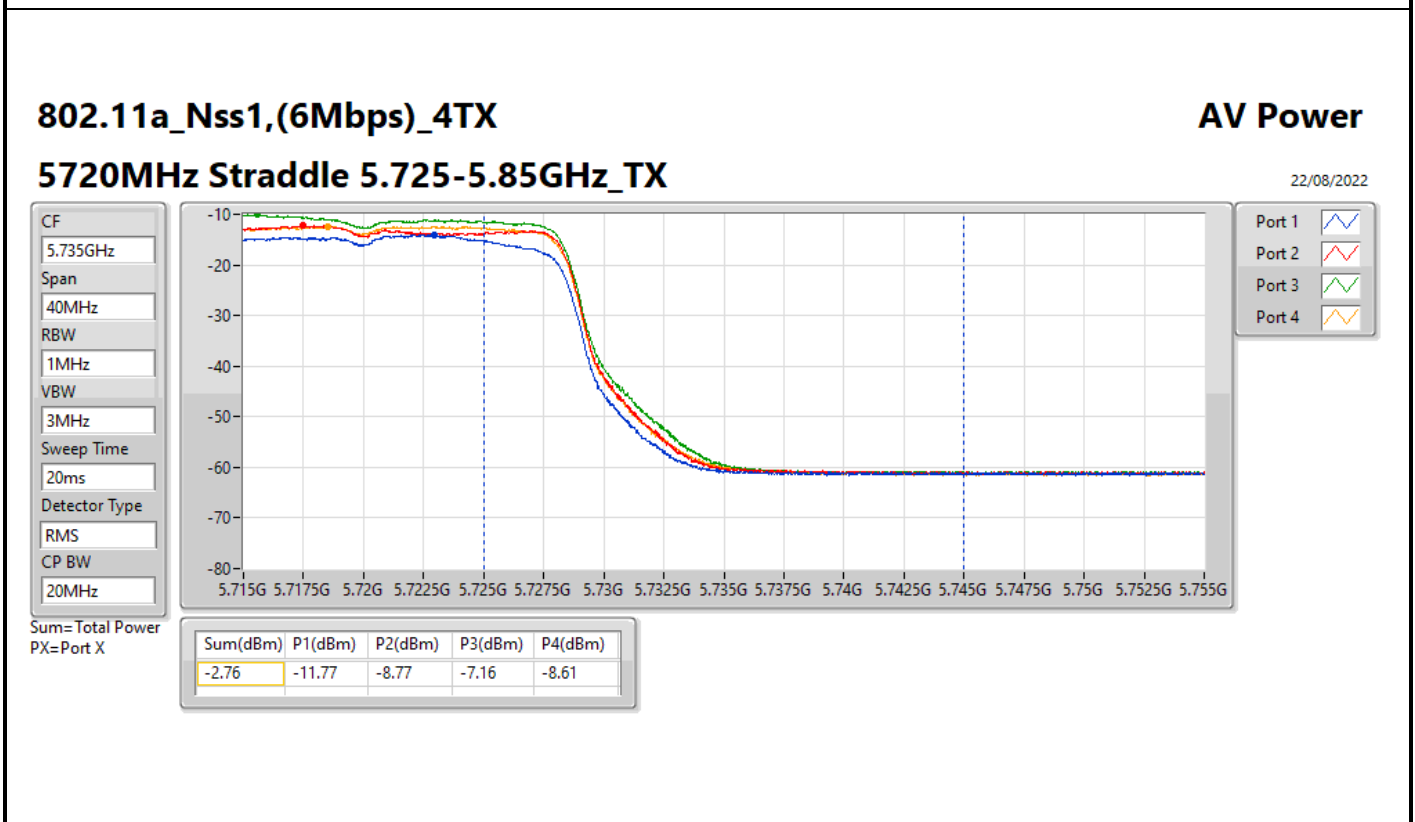
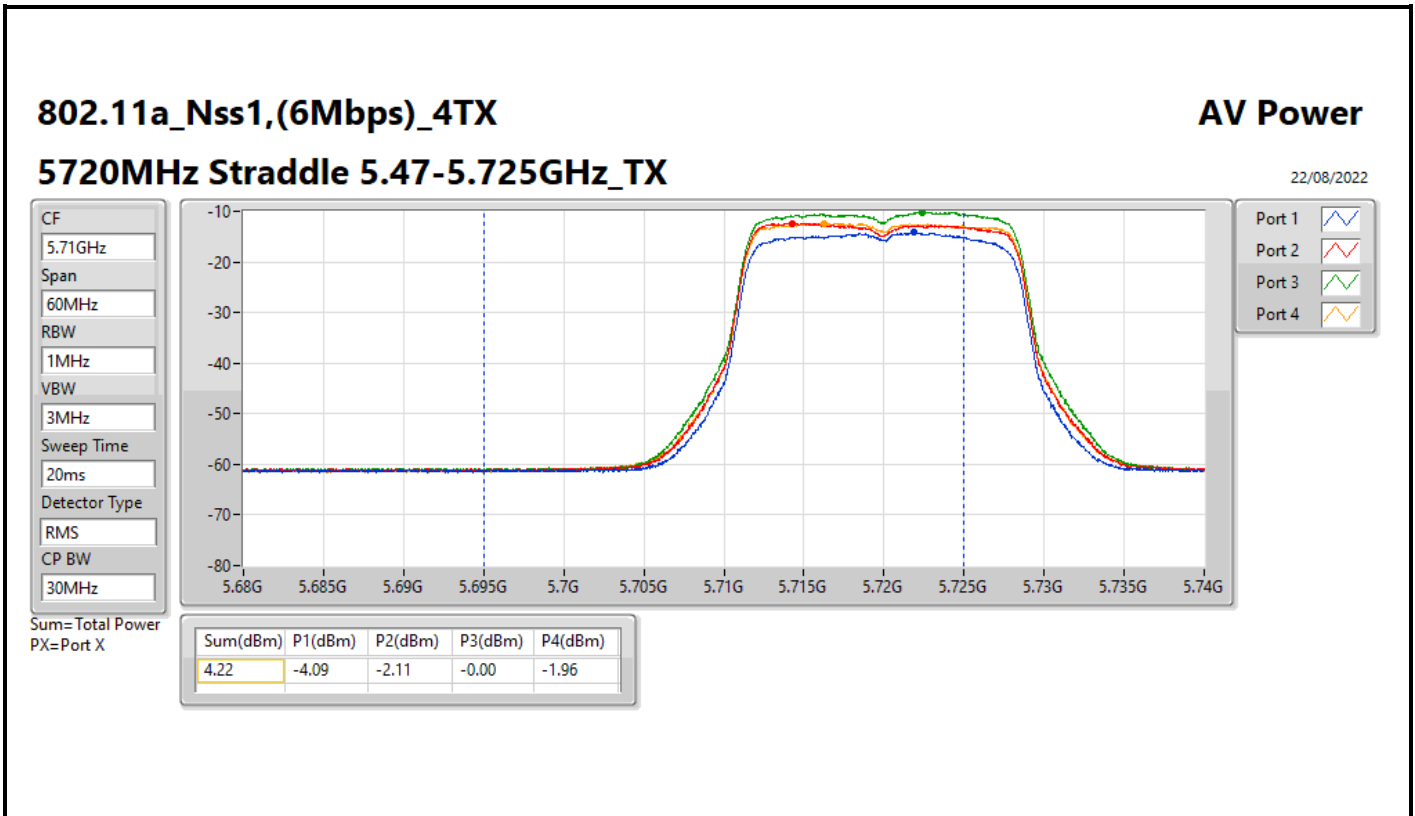


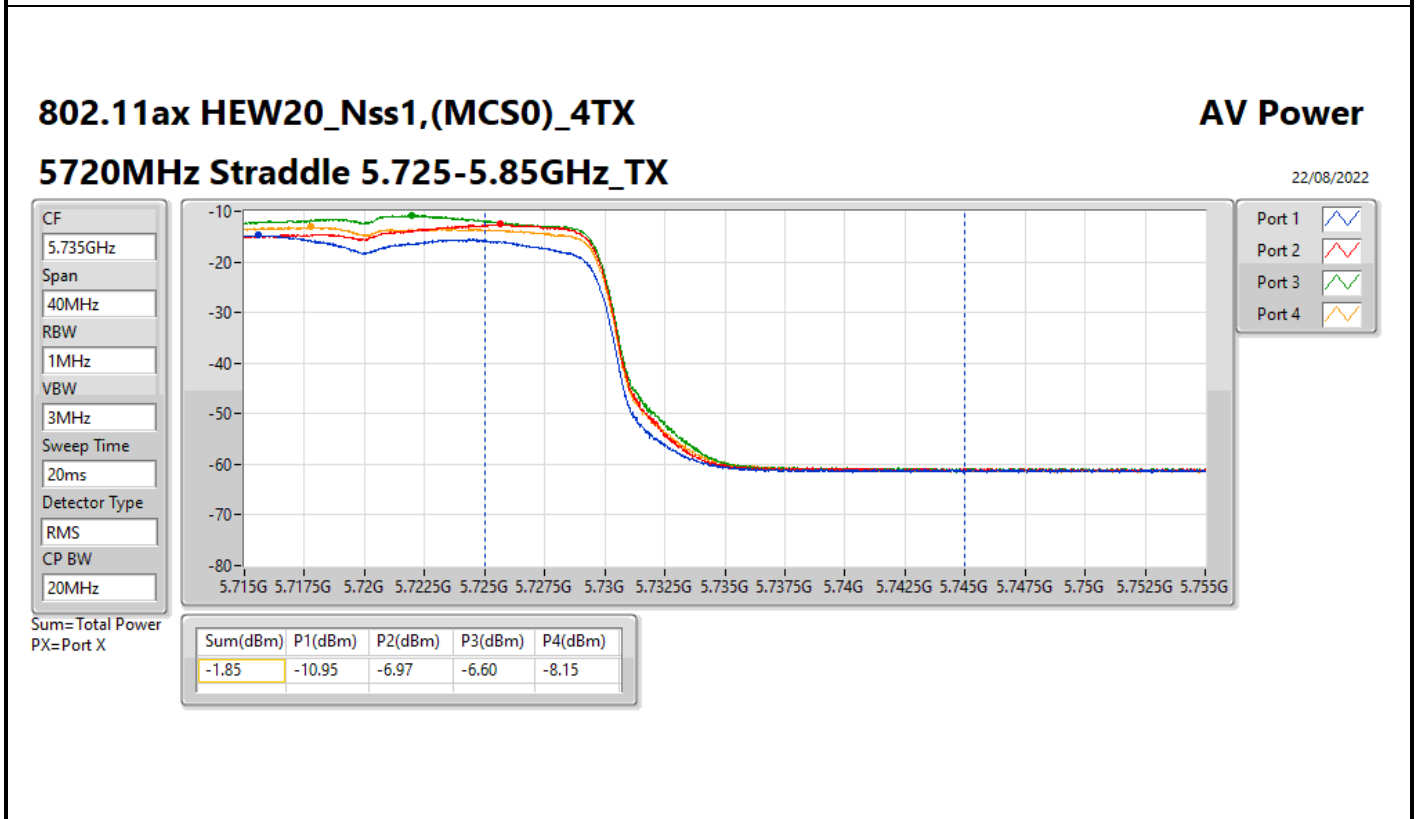
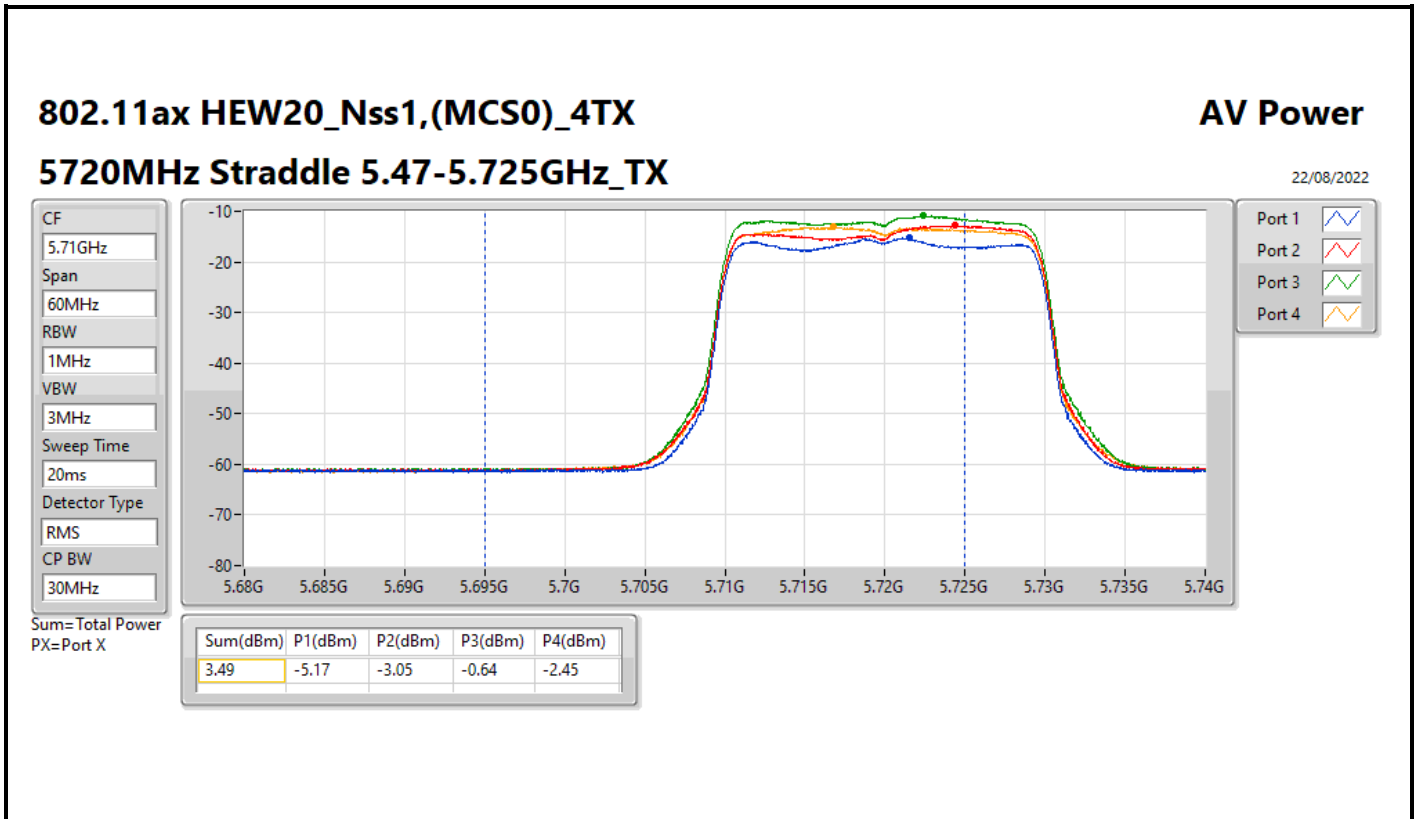


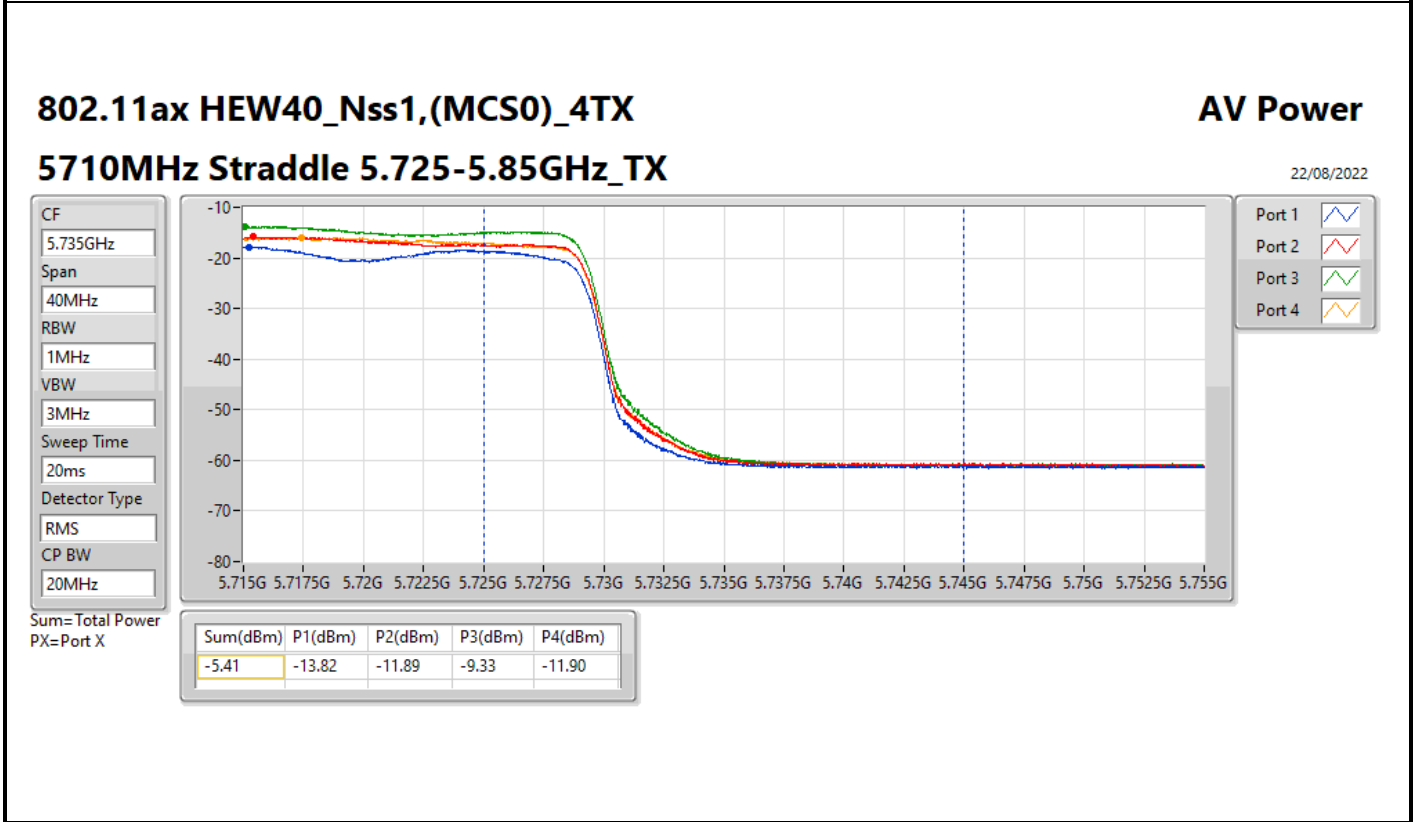
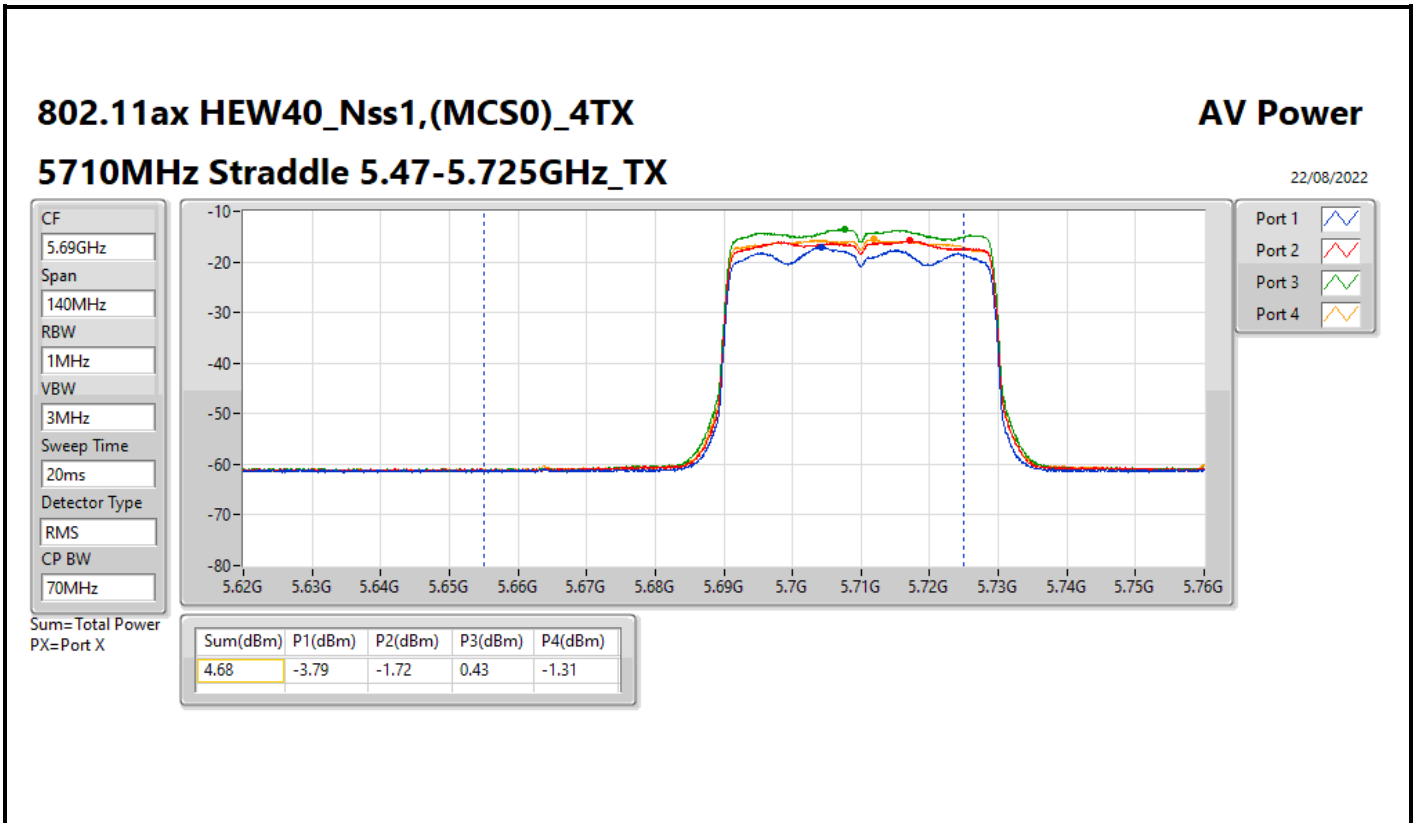


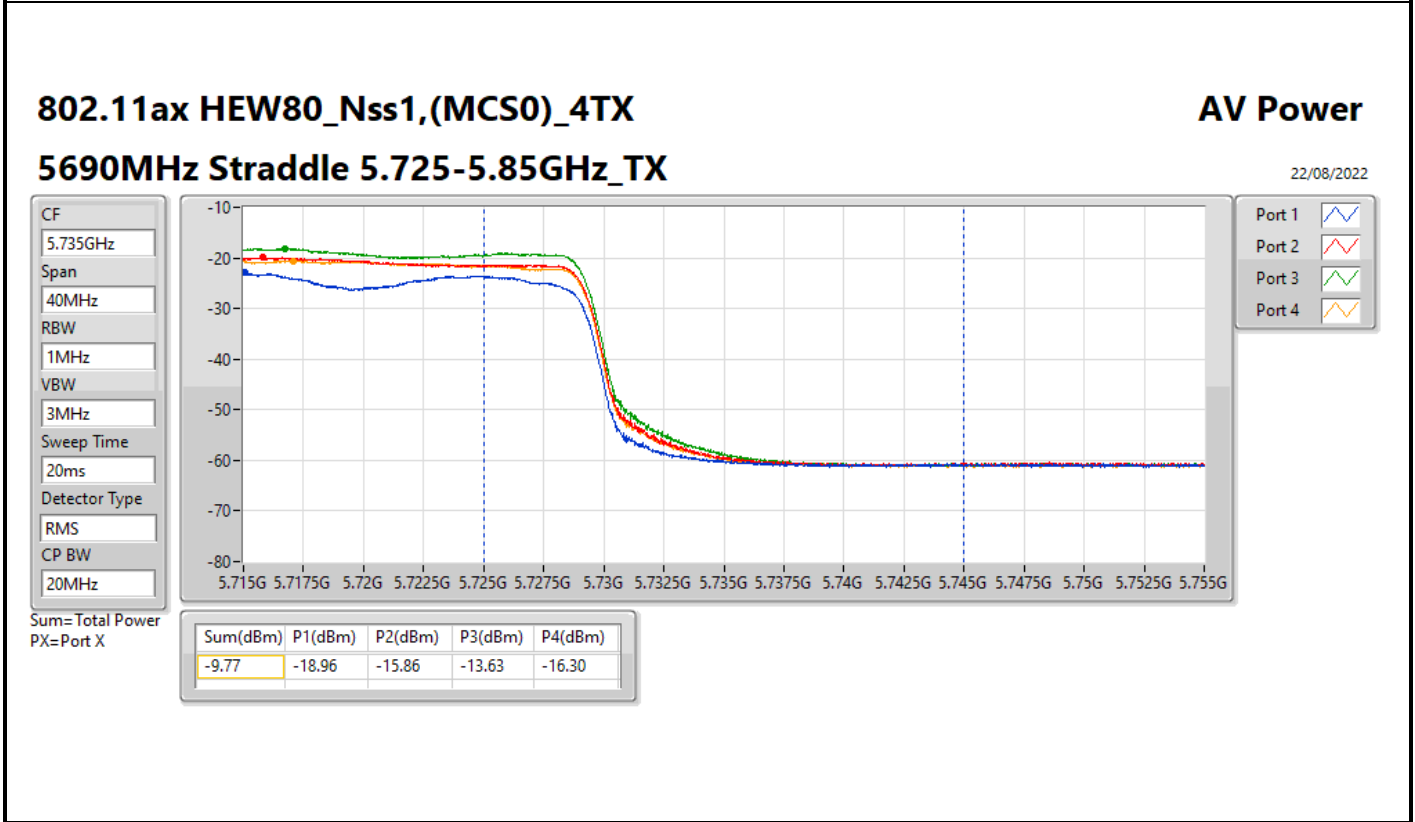
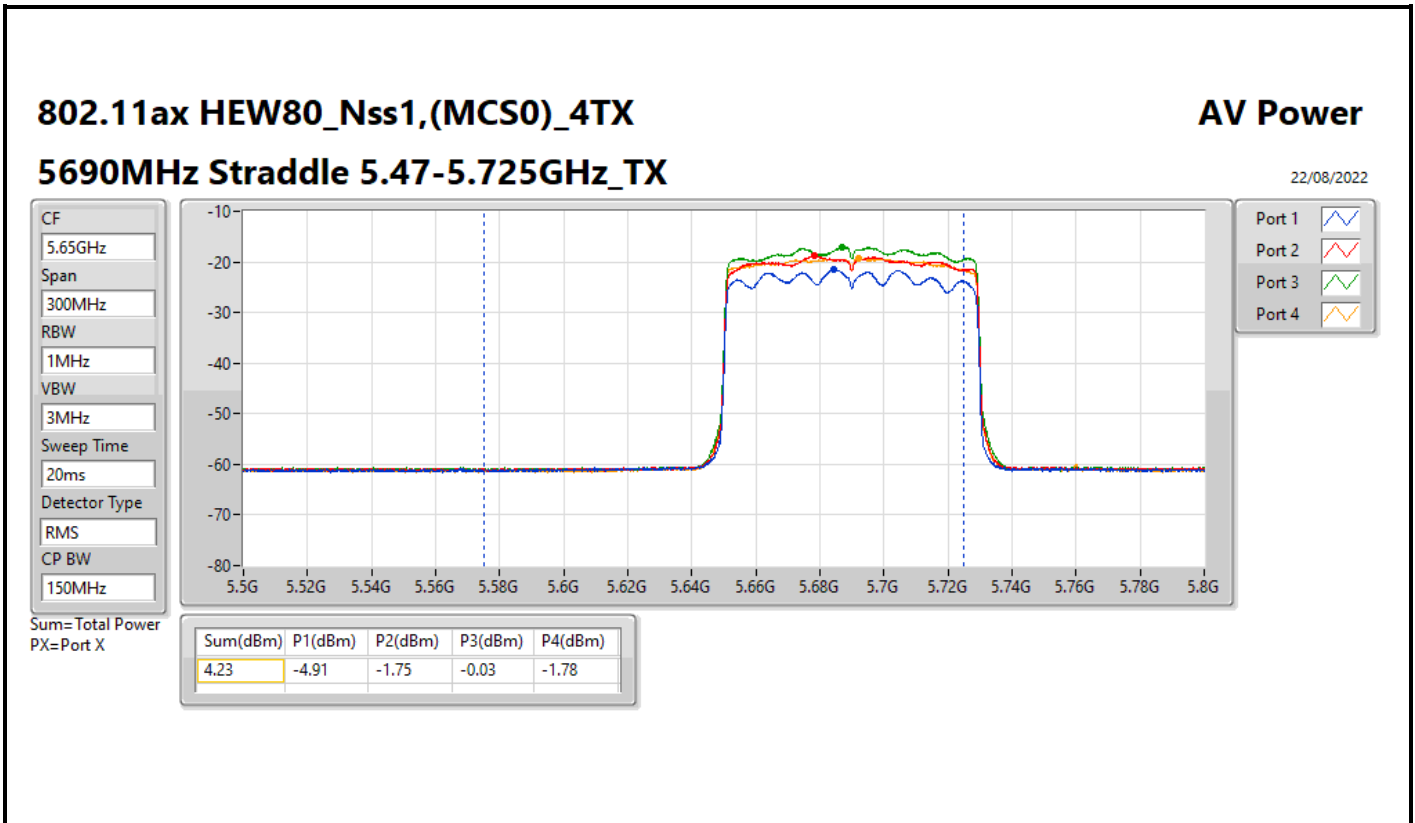














**Average Power_Iron R1_Antenna set 10_Beamforming mode_
Indoor_P to P**

Appendix C.8

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.08	0.01282
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.95	0.01245
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.59	0.00574
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.44	0.01393
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.11	0.01291
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.24	0.01330
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.78	0.00301
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.98	0.00125
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.77	0.00053



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

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	-	-	-	-	-	-
5260MHz	Pass	18.53	5.67	9.44	10.96	11.45
5300MHz	Pass	18.53	5.84	9.53	11.08	11.45
5320MHz	Pass	18.53	5.74	9.40	10.95	11.45
5500MHz	Pass	18.53	5.68	9.72	11.16	11.45
5580MHz	Pass	18.53	5.96	10.00	11.44	11.45
5700MHz	Pass	18.53	6.33	9.12	10.96	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	5.08	8.51	10.14	10.36
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.51	3.26	4.78	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	18.53	5.85	9.35	10.95	11.45
5310MHz	Pass	18.53	4.93	8.16	9.85	11.45
5510MHz	Pass	18.53	6.05	9.47	11.10	11.45
5550MHz	Pass	18.53	5.80	9.60	11.11	11.45
5670MHz	Pass	18.53	6.35	9.32	11.09	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	6.05	9.31	10.99	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.24	-0.57	0.98	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	18.53	2.74	5.87	7.59	11.45
5530MHz	Pass	18.53	6.01	9.60	11.18	11.45
5610MHz	Pass	18.53	6.03	9.67	11.23	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.35	9.53	11.24	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.01	-4.32	-2.77	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_P to P

Appendix C.9

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	8.08	0.00643
802.11ax HEW160_Nss1,(MCS0)_2TX	11.73	0.01489
802.11ax HEW160_Nss1,(MCS0)_4TX	12.18	0.01652
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	13.31	0.02143
802.11ax HEW20_Nss1,(MCS0)_1TX	13.59	0.02286
802.11ax HEW40_Nss1,(MCS0)_1TX	13.62	0.02301
802.11ax HEW80_Nss1,(MCS0)_1TX	11.88	0.01542
802.11ax HEW160_Nss1,(MCS0)_1TX	8.07	0.00641
802.11a_Nss1,(6Mbps)_2TX	18.03	0.06353
802.11ax HEW20_Nss1,(MCS0)_2TX	18.46	0.07015
802.11ax HEW40_Nss1,(MCS0)_2TX	18.89	0.07745
802.11ax HEW80_Nss1,(MCS0)_2TX	15.35	0.03428
802.11ax HEW160_Nss1,(MCS0)_2TX	11.68	0.01472
802.11a_Nss1,(6Mbps)_4TX	20.83	0.12106
802.11ax HEW20_Nss1,(MCS0)_4TX	21.74	0.14928
802.11ax HEW40_Nss1,(MCS0)_4TX	21.77	0.15031
802.11ax HEW80_Nss1,(MCS0)_4TX	17.38	0.05470
802.11ax HEW160_Nss1,(MCS0)_4TX	12.09	0.01618
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	13.20	0.02089
802.11ax HEW20_Nss1,(MCS0)_1TX	13.59	0.02286
802.11ax HEW40_Nss1,(MCS0)_1TX	13.61	0.02296
802.11ax HEW80_Nss1,(MCS0)_1TX	13.81	0.02404
802.11ax HEW160_Nss1,(MCS0)_1TX	11.86	0.01535
802.11a_Nss1,(6Mbps)_2TX	17.79	0.06012
802.11ax HEW20_Nss1,(MCS0)_2TX	18.19	0.06592
802.11ax HEW40_Nss1,(MCS0)_2TX	18.29	0.06745
802.11ax HEW80_Nss1,(MCS0)_2TX	18.48	0.07047
802.11ax HEW160_Nss1,(MCS0)_2TX	14.58	0.02871
802.11a_Nss1,(6Mbps)_4TX	20.96	0.12474
802.11ax HEW20_Nss1,(MCS0)_4TX	20.60	0.11482
802.11ax HEW40_Nss1,(MCS0)_4TX	22.48	0.17701
802.11ax HEW80_Nss1,(MCS0)_4TX	22.26	0.16827
802.11ax HEW160_Nss1,(MCS0)_4TX	15.13	0.03258
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.95	0.00394
802.11ax HEW20_Nss1,(MCS0)_1TX	7.16	0.00520
802.11ax HEW40_Nss1,(MCS0)_1TX	2.25	0.00168
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.29	0.00074
802.11a_Nss1,(6Mbps)_2TX	10.80	0.01202
802.11ax HEW20_Nss1,(MCS0)_2TX	11.99	0.01581
802.11ax HEW40_Nss1,(MCS0)_2TX	6.77	0.00475
802.11ax HEW80_Nss1,(MCS0)_2TX	3.38	0.00218
802.11a_Nss1,(6Mbps)_4TX	15.26	0.03357
802.11ax HEW20_Nss1,(MCS0)_4TX	15.30	0.03388
802.11ax HEW40_Nss1,(MCS0)_4TX	11.27	0.01340
802.11ax HEW80_Nss1,(MCS0)_4TX	8.08	0.00643



Average Power_Pine R2_Antenna set 3_Non beamforming mode_Indoor_P to M_P to P

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.31				13.31	23.98
5300MHz	Pass	3.00	13.16				13.16	23.98
5320MHz	Pass	3.00	12.78				12.78	23.98
5500MHz	Pass	3.00	13.09				13.09	23.98
5580MHz	Pass	3.00	13.05				13.05	23.98
5700MHz	Pass	3.00	13.20				13.20	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.33				11.33	22.86
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.95				5.95	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.59				13.59	23.98
5300MHz	Pass	3.00	13.49				13.49	23.98
5320MHz	Pass	3.00	13.15				13.15	23.98
5500MHz	Pass	3.00	13.59				13.59	23.98
5580MHz	Pass	3.00	13.52				13.52	23.98
5700MHz	Pass	3.00	13.56				13.56	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.45				11.45	23.09
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	7.16				7.16	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	13.62				13.62	23.98
5310MHz	Pass	3.00	12.39				12.39	23.98
5510MHz	Pass	3.00	13.08				13.08	23.98
5550MHz	Pass	3.00	13.61				13.61	23.98
5670MHz	Pass	3.00	13.53				13.53	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	12.64				12.64	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	2.25				2.25	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	11.88				11.88	23.98
5530MHz	Pass	3.00	13.10				13.10	23.98
5610MHz	Pass	3.00	13.81				13.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	12.82				12.82	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.29				-1.29	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	8.08				8.08	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.07				8.07	23.98
5570MHz	Pass	3.00	11.86				11.86	23.98
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.33	16.23			18.03	23.98
5300MHz	Pass	3.00	13.24	16.03			17.87	23.98
5320MHz	Pass	3.00	12.61	16.03			17.66	23.98
5500MHz	Pass	3.00	12.65	15.59			17.37	23.98
5580MHz	Pass	3.00	13.13	15.97			17.79	23.98
5700MHz	Pass	3.00	12.55	15.59			17.34	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.41	14.45			16.20	22.86
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	6.02	9.04			10.80	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.77	16.66			18.46	23.98
5300MHz	Pass	3.00	13.52	16.40			18.20	23.98
5320MHz	Pass	3.00	11.97	16.59			17.88	23.98
5500MHz	Pass	3.00	12.54	15.07			17.00	23.98
5580MHz	Pass	3.00	13.54	16.37			18.19	23.98
5700MHz	Pass	3.00	12.17	15.15			16.92	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.47	14.52			16.27	23.07



Average Power_Pine R2_Antenna set 3_Non beamforming mode_Indoor_P to M_P to P

Appendix C.9

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	7.21	10.23			11.99	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	13.26	17.50			18.89	23.98
5310MHz	Pass	3.00	11.05	15.36			16.73	23.98
5510MHz	Pass	3.00	12.55	15.60			17.35	23.98
5550MHz	Pass	3.00	13.76	16.40			18.29	23.98
5670MHz	Pass	3.00	13.03	15.92			17.72	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	12.39	15.48			17.21	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	2.04	4.99			6.77	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	10.82	13.47			15.35	23.98
5530MHz	Pass	3.00	11.61	14.30			16.17	23.98
5610MHz	Pass	3.00	13.80	16.68			18.48	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	12.73	15.66			17.45	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.36	1.60			3.38	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	5.85	10.43			11.73	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	5.84	10.37			11.68	23.98
5570MHz	Pass	3.00	8.83	13.24			14.58	23.98
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	11.94	14.95	15.65	15.42	20.74	23.98
5300MHz	Pass	3.00	11.79	14.50	15.89	15.91	20.83	23.98
5320MHz	Pass	3.00	11.45	14.05	15.77	15.52	20.52	23.98
5500MHz	Pass	3.00	11.89	14.33	15.68	15.07	20.48	23.98
5580MHz	Pass	3.00	11.73	14.59	16.26	15.89	20.96	23.98
5700MHz	Pass	3.00	11.32	14.30	15.48	15.41	20.44	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	9.88	13.04	14.63	13.99	19.24	22.81
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	6.16	9.08	10.62	9.93	15.26	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	12.77	15.57	16.56	16.61	21.65	23.98
5300MHz	Pass	3.00	12.61	15.48	16.87	16.72	21.74	23.98
5320MHz	Pass	3.00	11.30	14.07	15.67	15.48	20.46	23.98
5500MHz	Pass	3.00	11.70	14.11	15.44	14.93	20.28	23.98
5580MHz	Pass	3.00	11.99	14.96	14.10	16.23	20.60	23.98
5700MHz	Pass	3.00	10.65	13.67	14.83	14.78	19.79	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	10.16	13.12	14.82	14.24	19.43	22.99
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.43	9.96	10.40	9.80	15.30	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	12.22	16.82	16.38	16.25	21.77	23.98
5310MHz	Pass	3.00	9.40	11.64	10.97	13.11	17.50	23.98
5510MHz	Pass	3.00	9.58	12.32	13.43	13.10	18.36	23.98
5550MHz	Pass	3.00	13.59	16.36	17.67	17.21	22.48	23.98
5670MHz	Pass	3.00	10.22	14.72	14.80	14.67	19.99	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	12.44	15.53	16.96	16.59	21.72	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	2.11	5.03	6.44	6.22	11.27	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	8.62	11.11	12.48	12.25	17.38	23.98
5530MHz	Pass	3.00	6.76	11.11	11.28	10.89	16.37	23.98
5610MHz	Pass	3.00	12.87	15.87	17.10	16.67	21.92	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	13.05	16.03	17.38	17.26	22.26	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.00	1.80	3.18	3.08	8.08	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	3.01	6.93	6.78	6.84	12.18	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	2.94	6.91	6.54	6.81	12.09	23.98

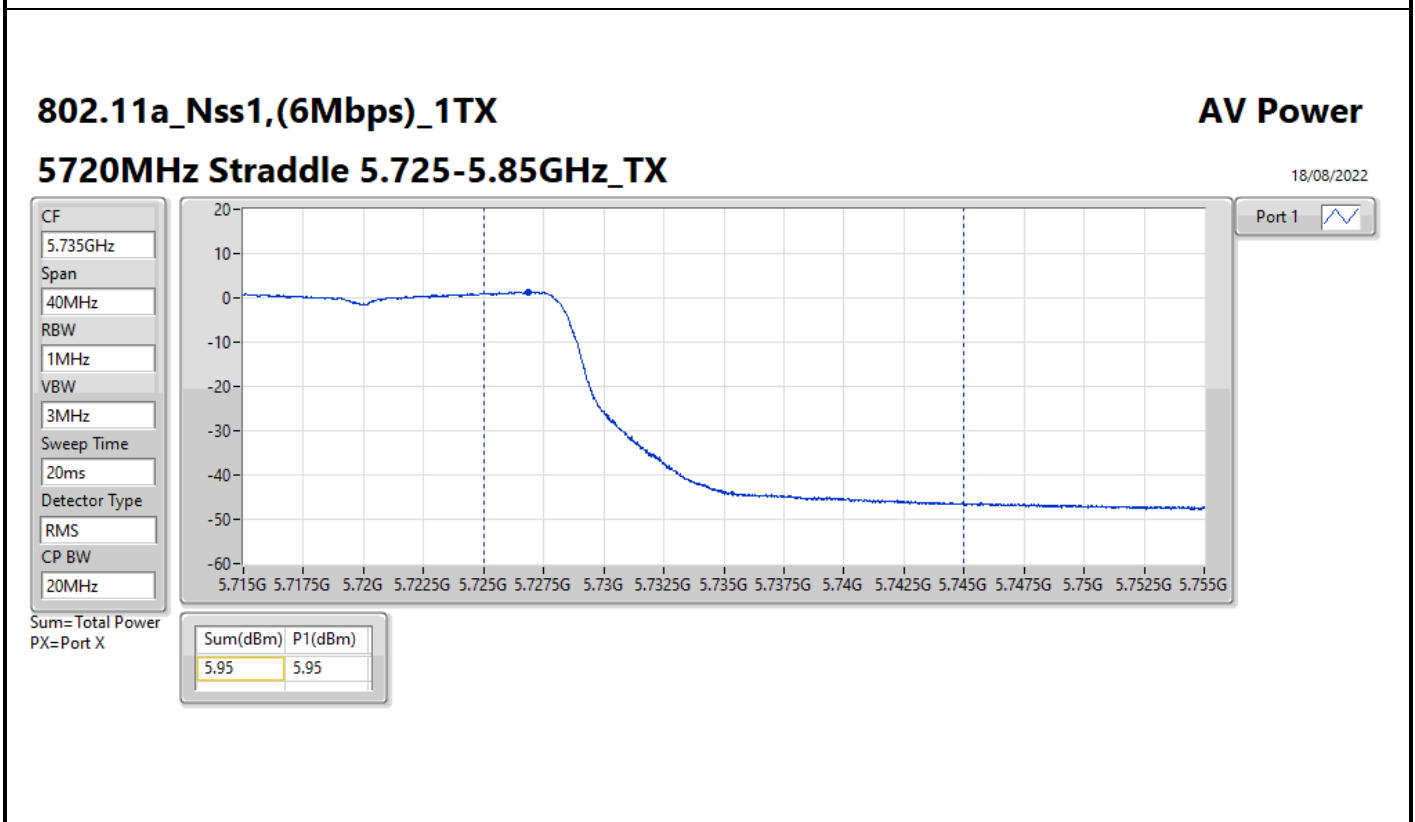
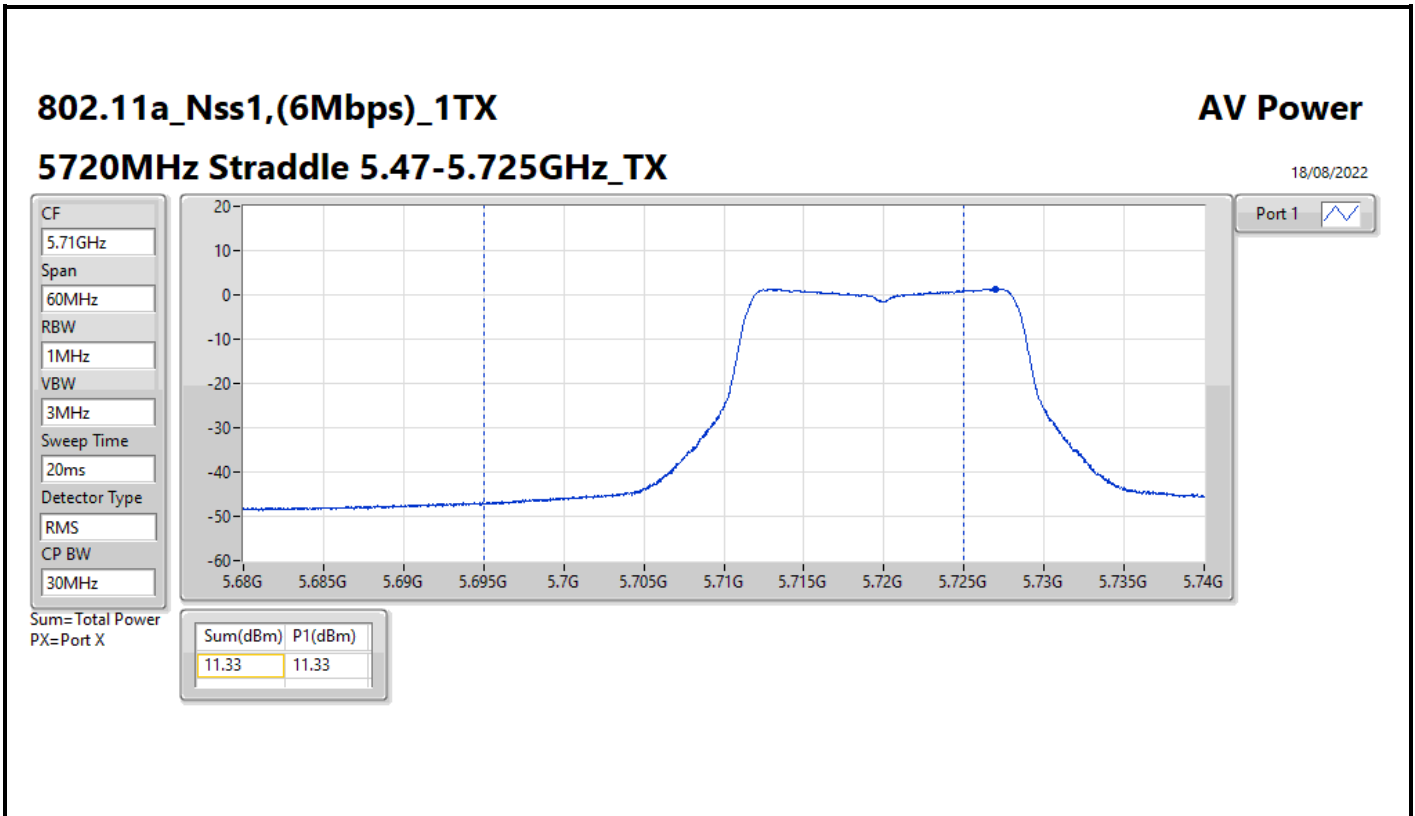


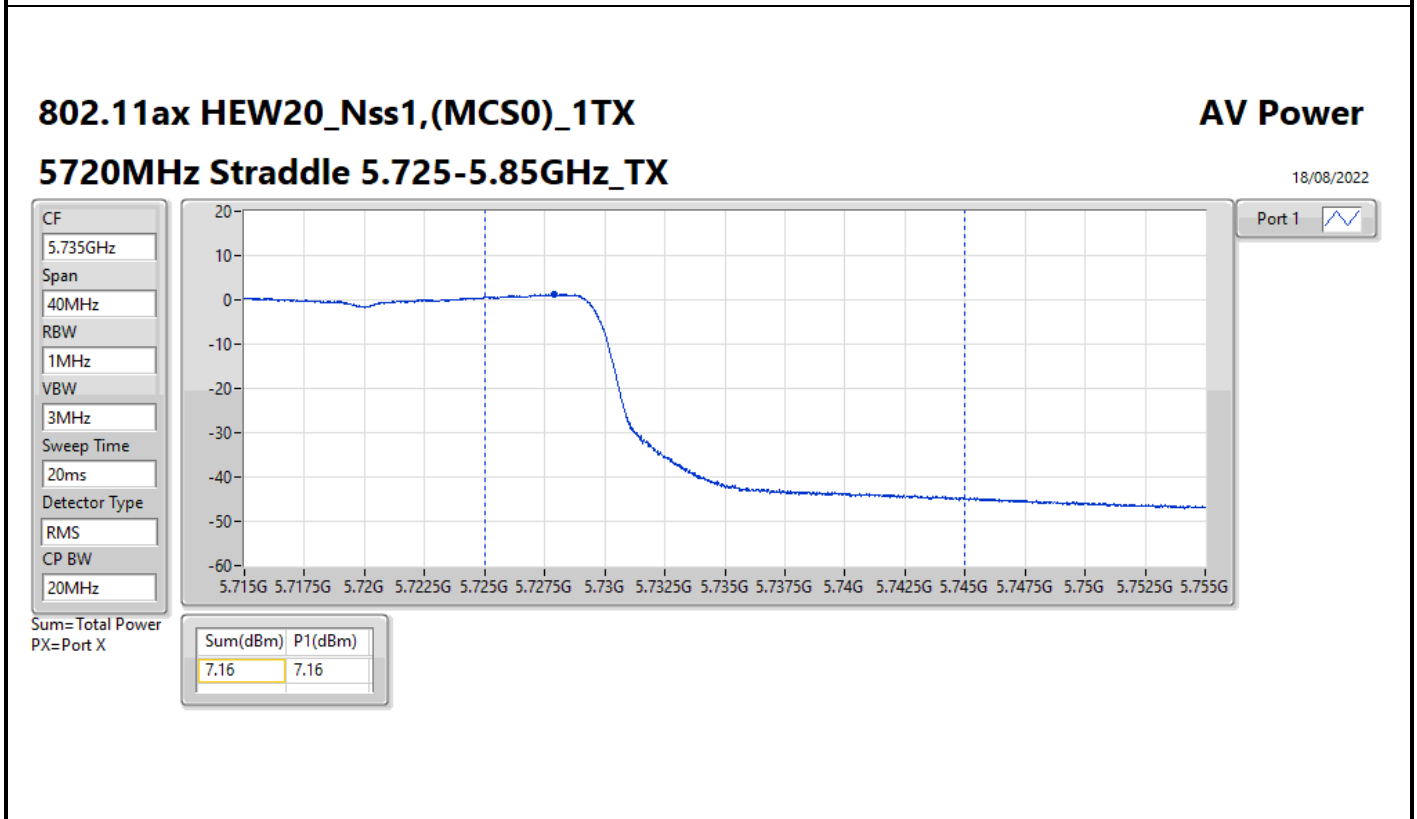
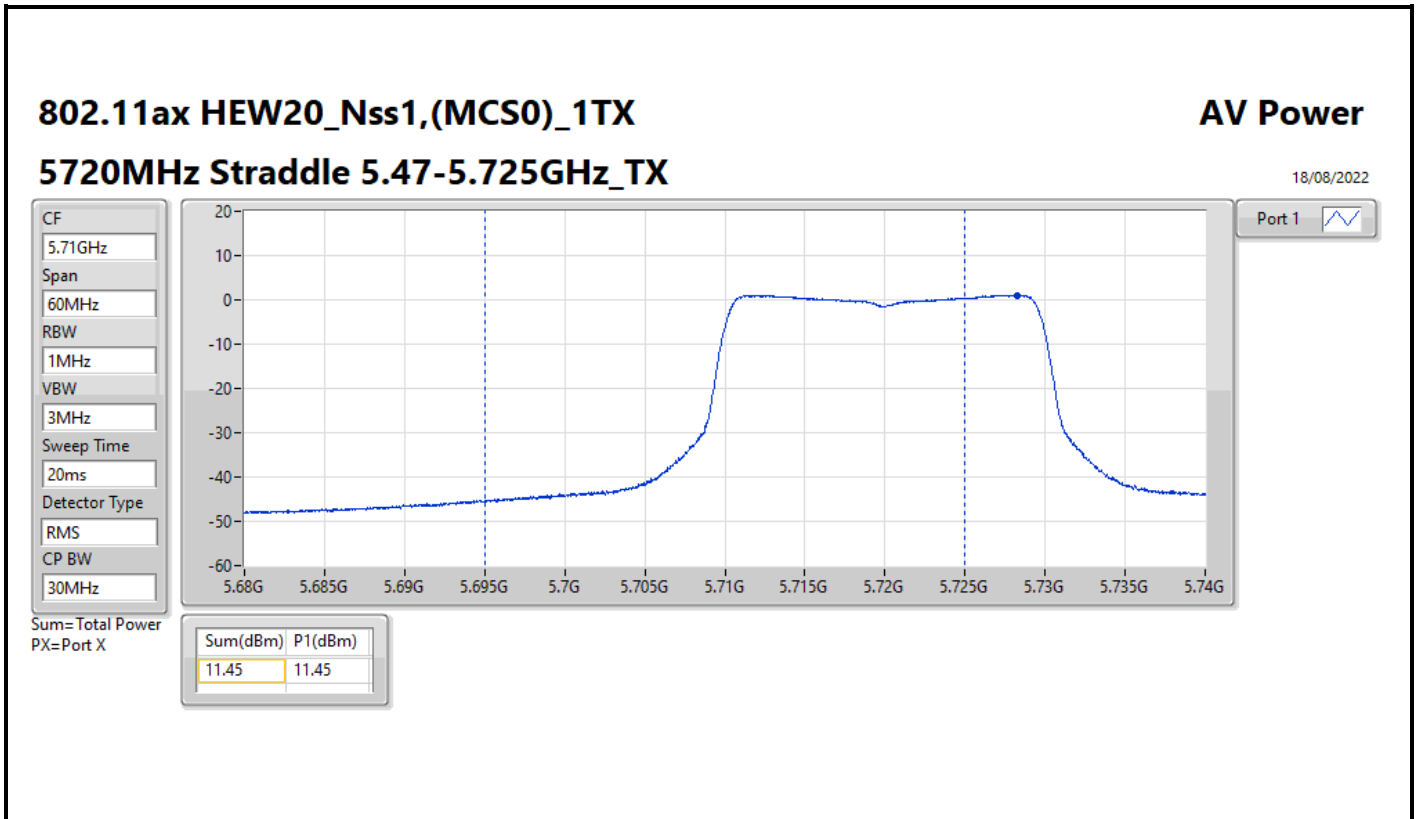
**Average Power_Pine R2_Antenna set 3_Non beamforming mode_
Indoor_P to M_P to P**

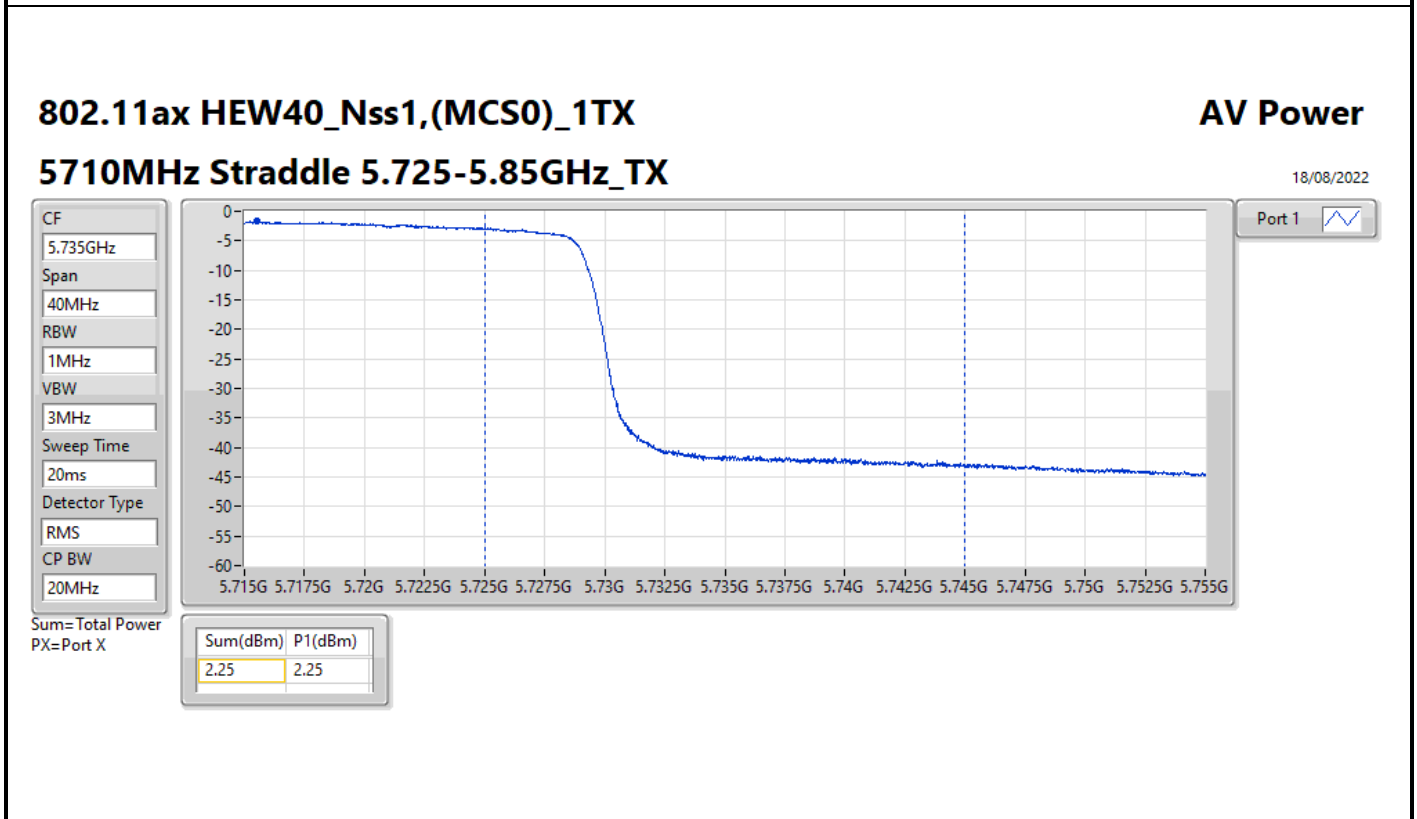
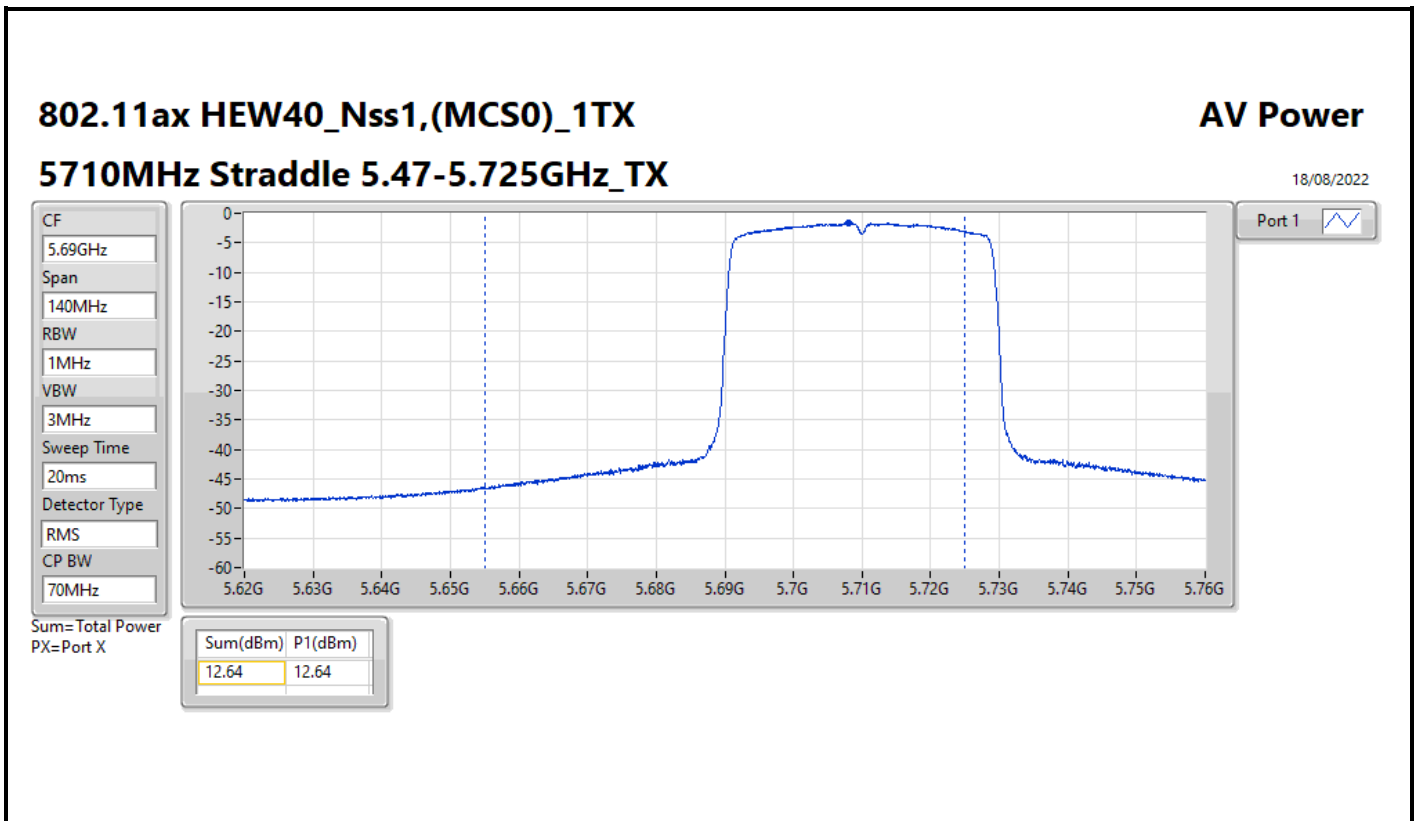
Appendix C.9

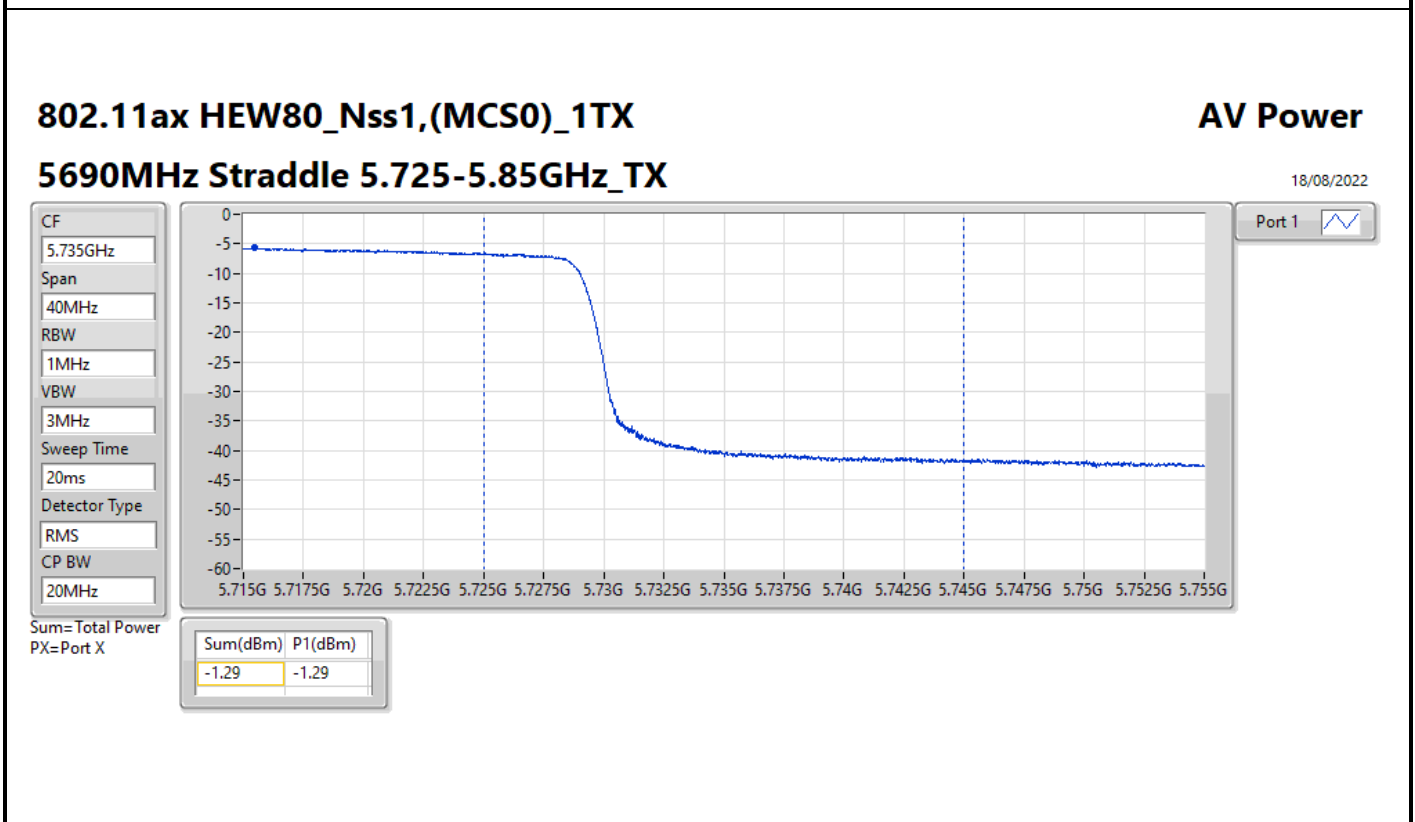
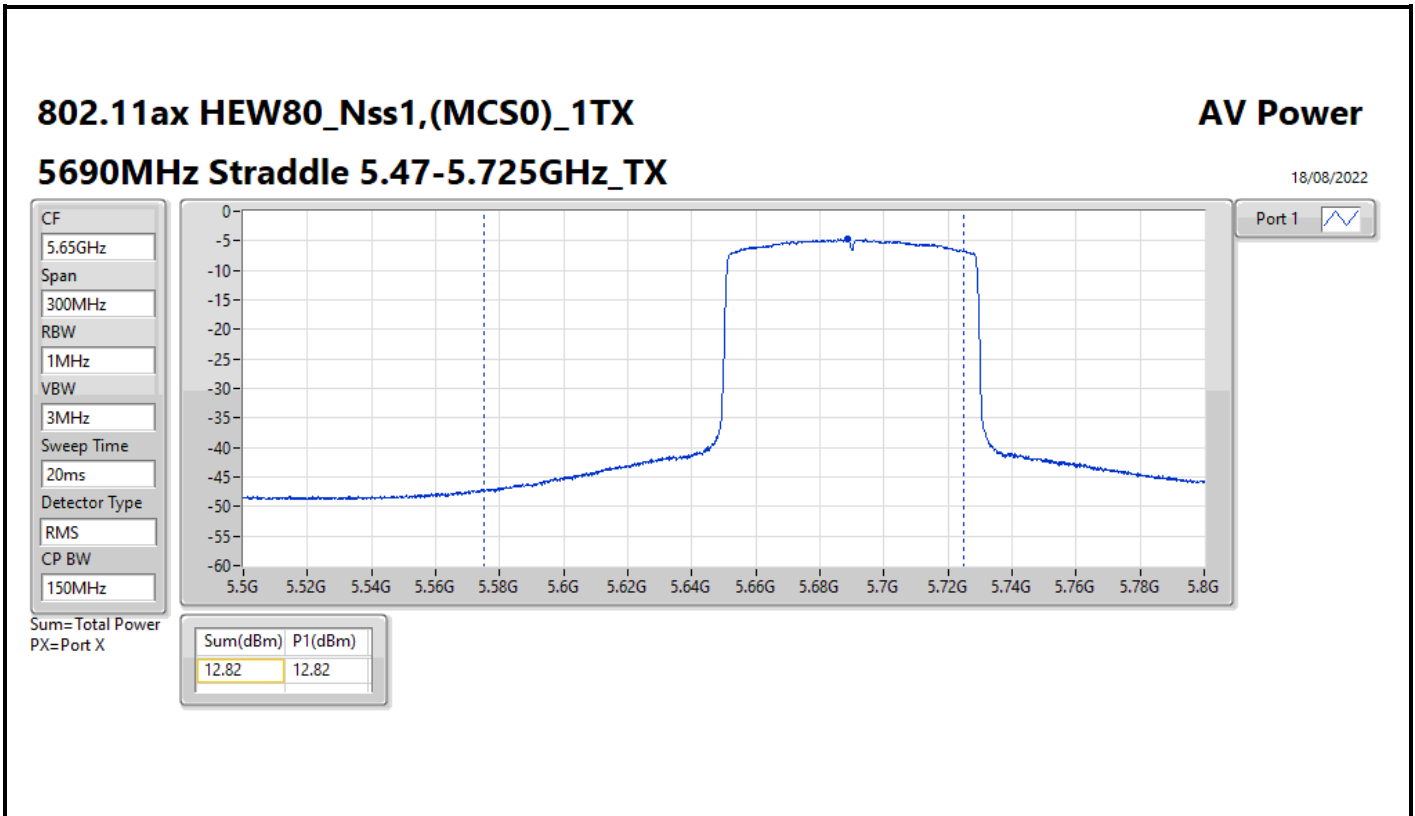
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5570MHz	Pass	3.00	5.39	9.49	10.32	9.77	15.13	23.98

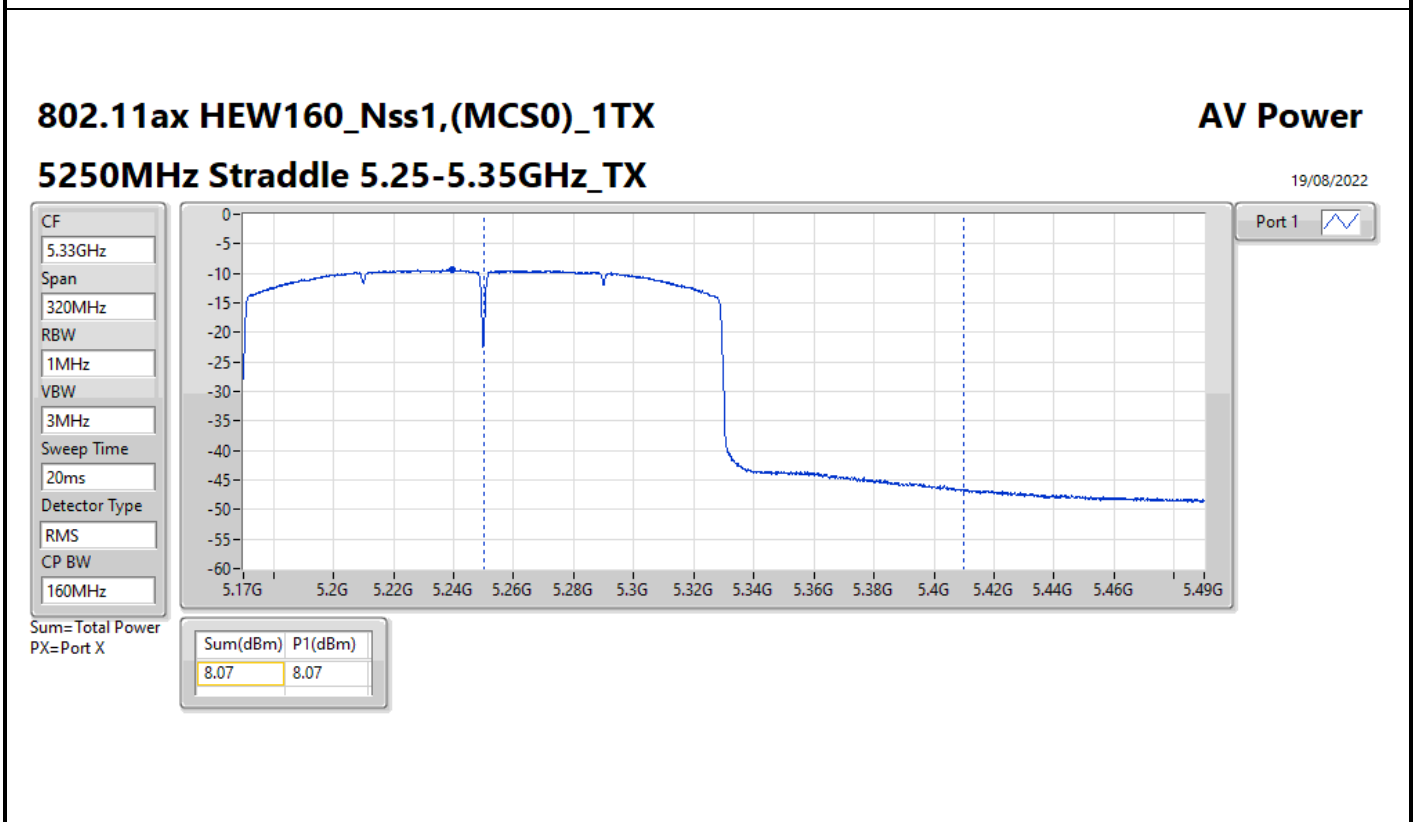
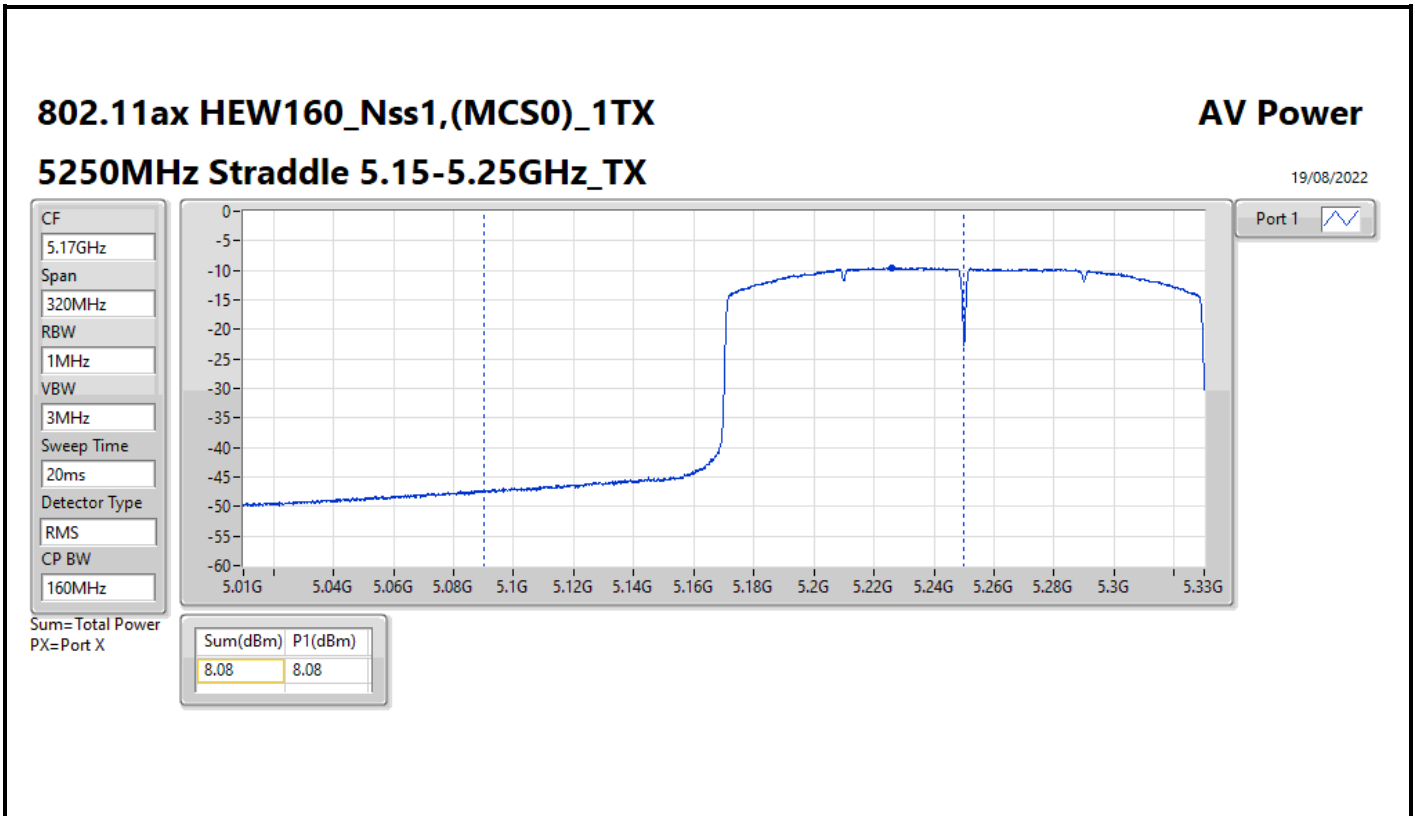
DG = Directional Gain; Port X = Port X output power

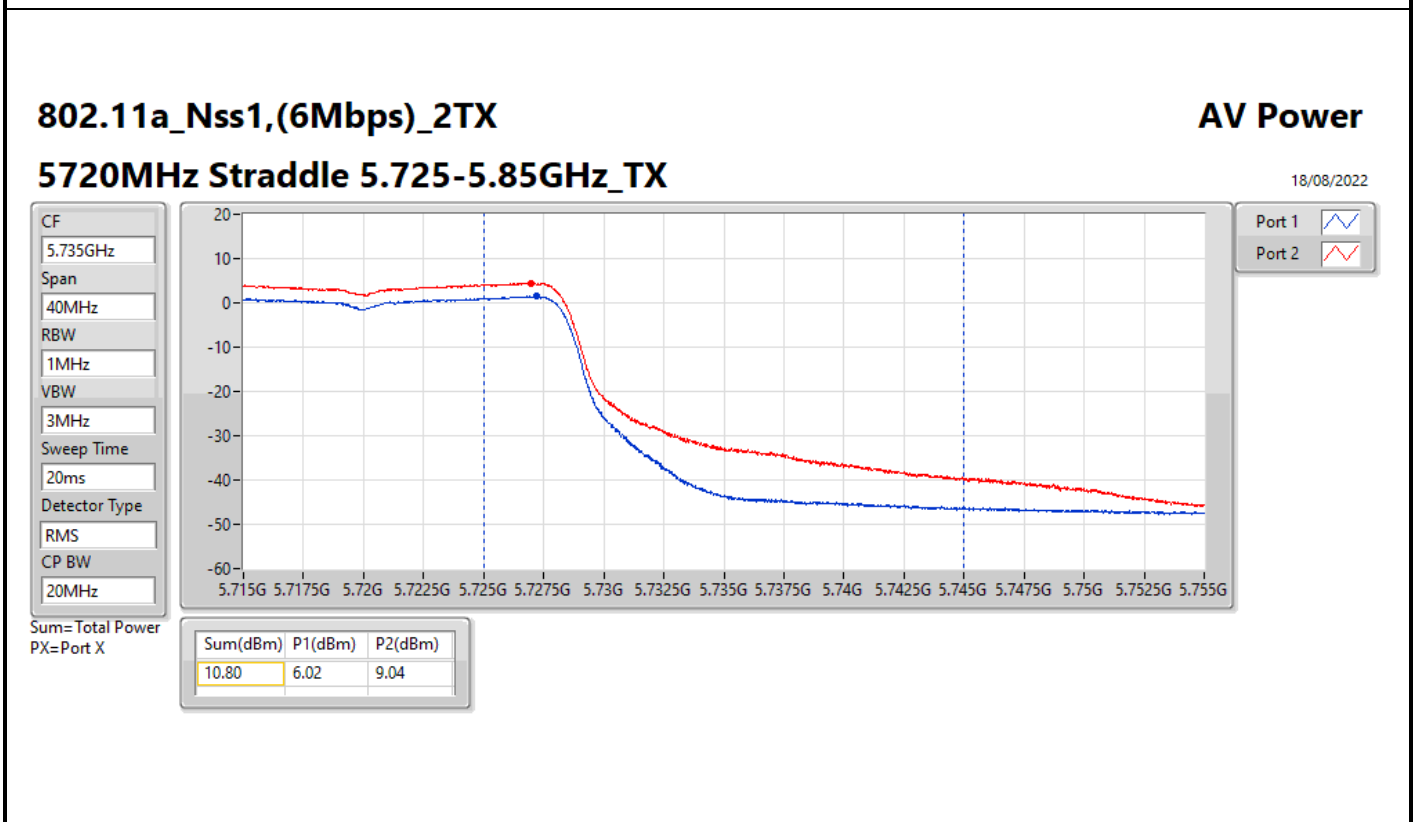
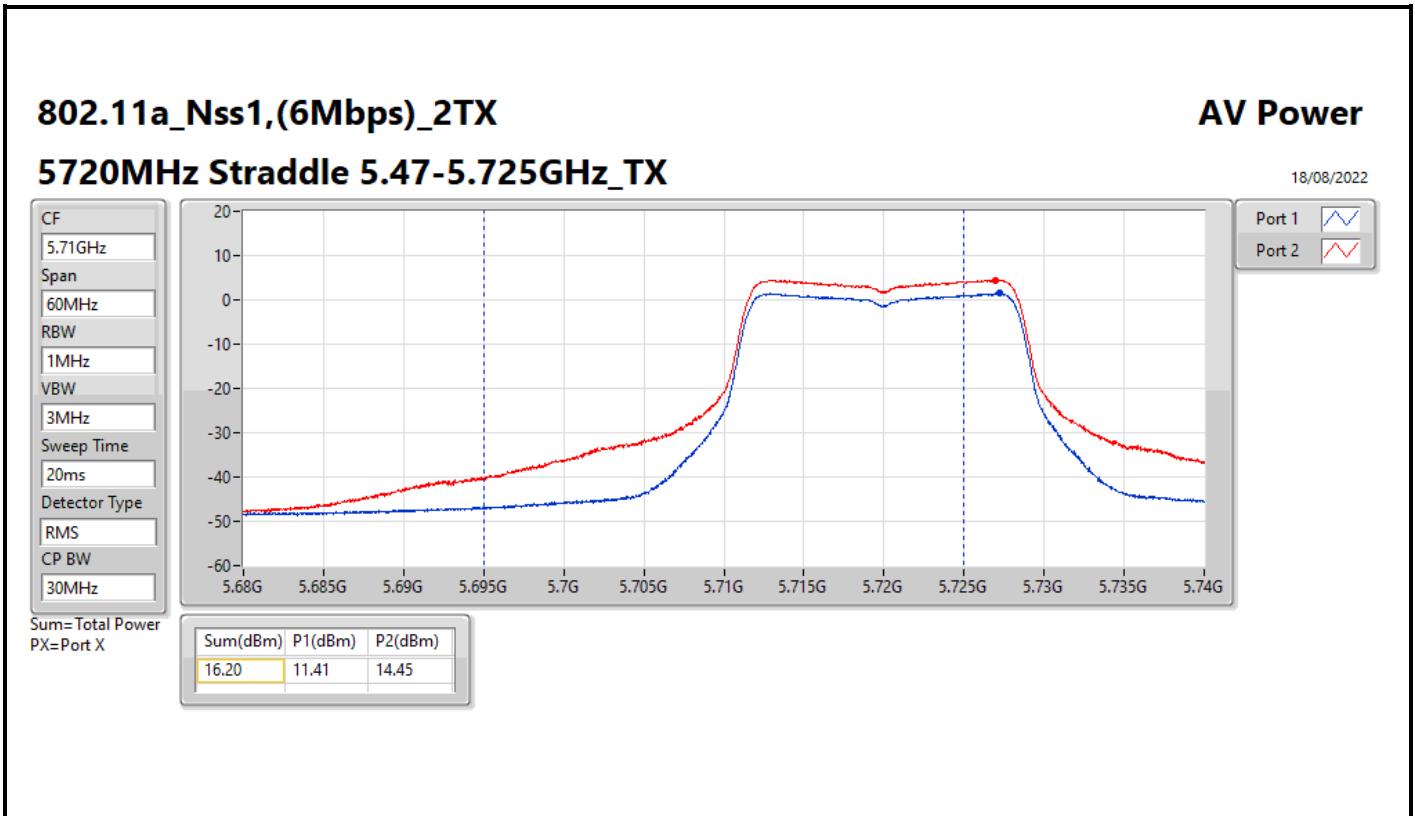


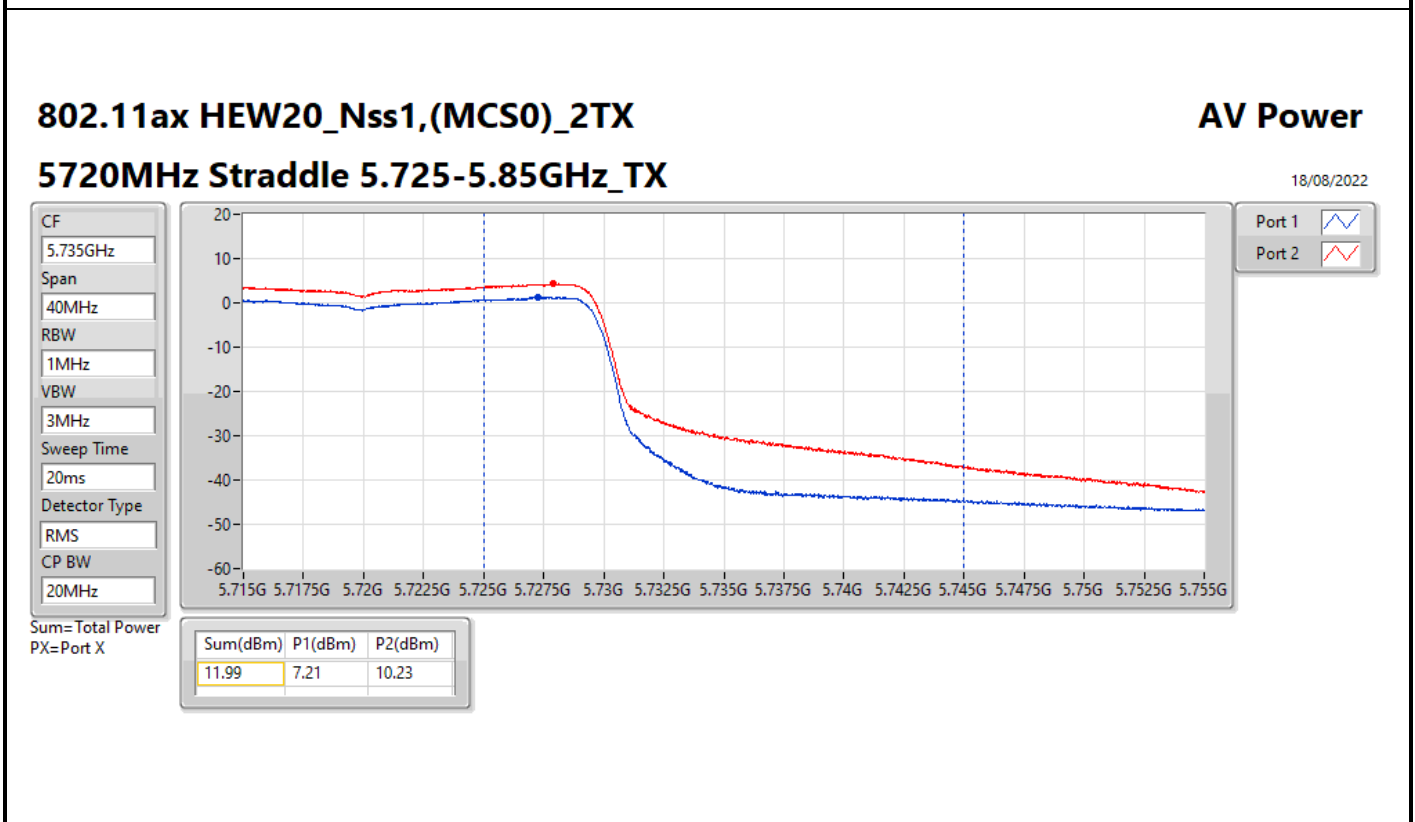
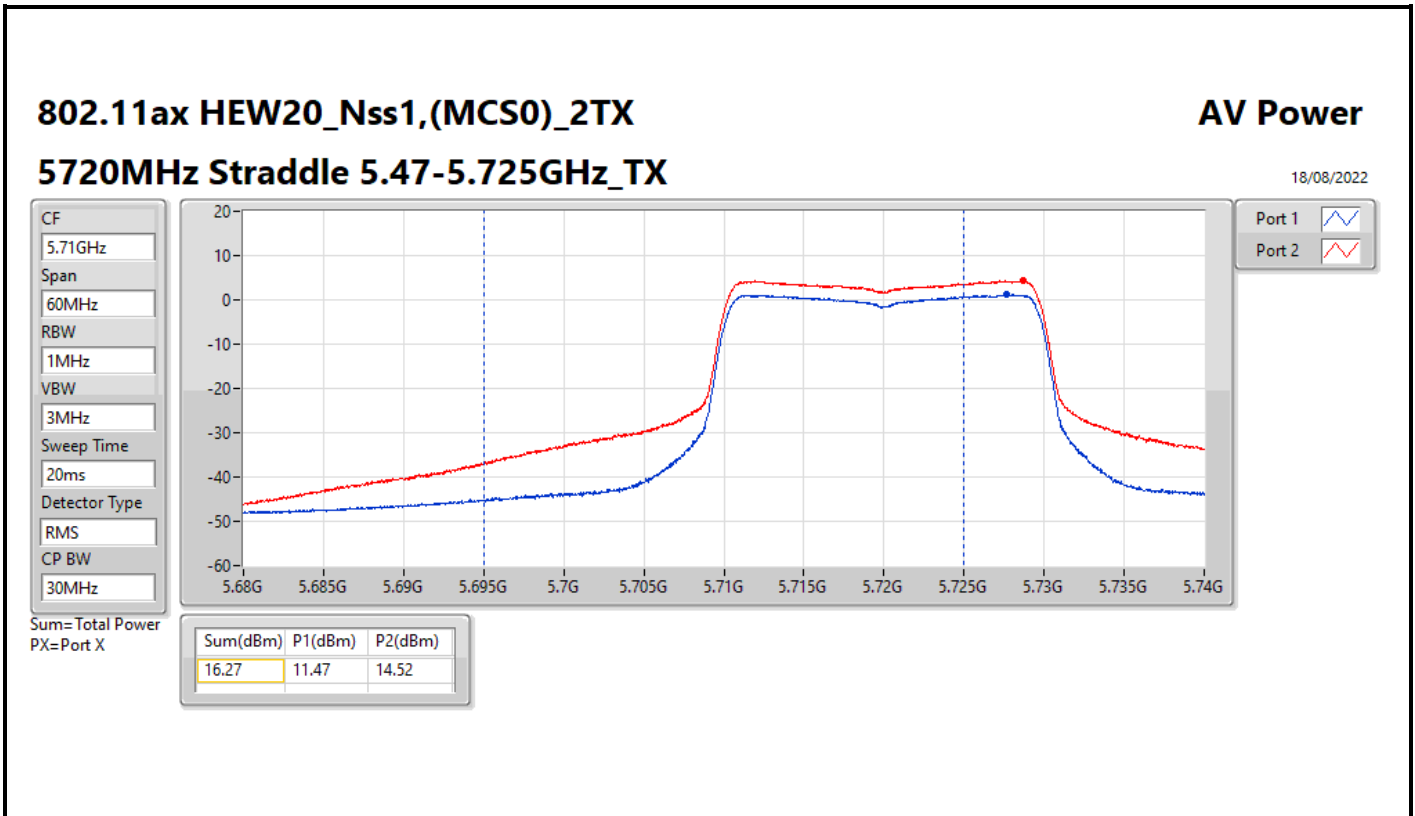


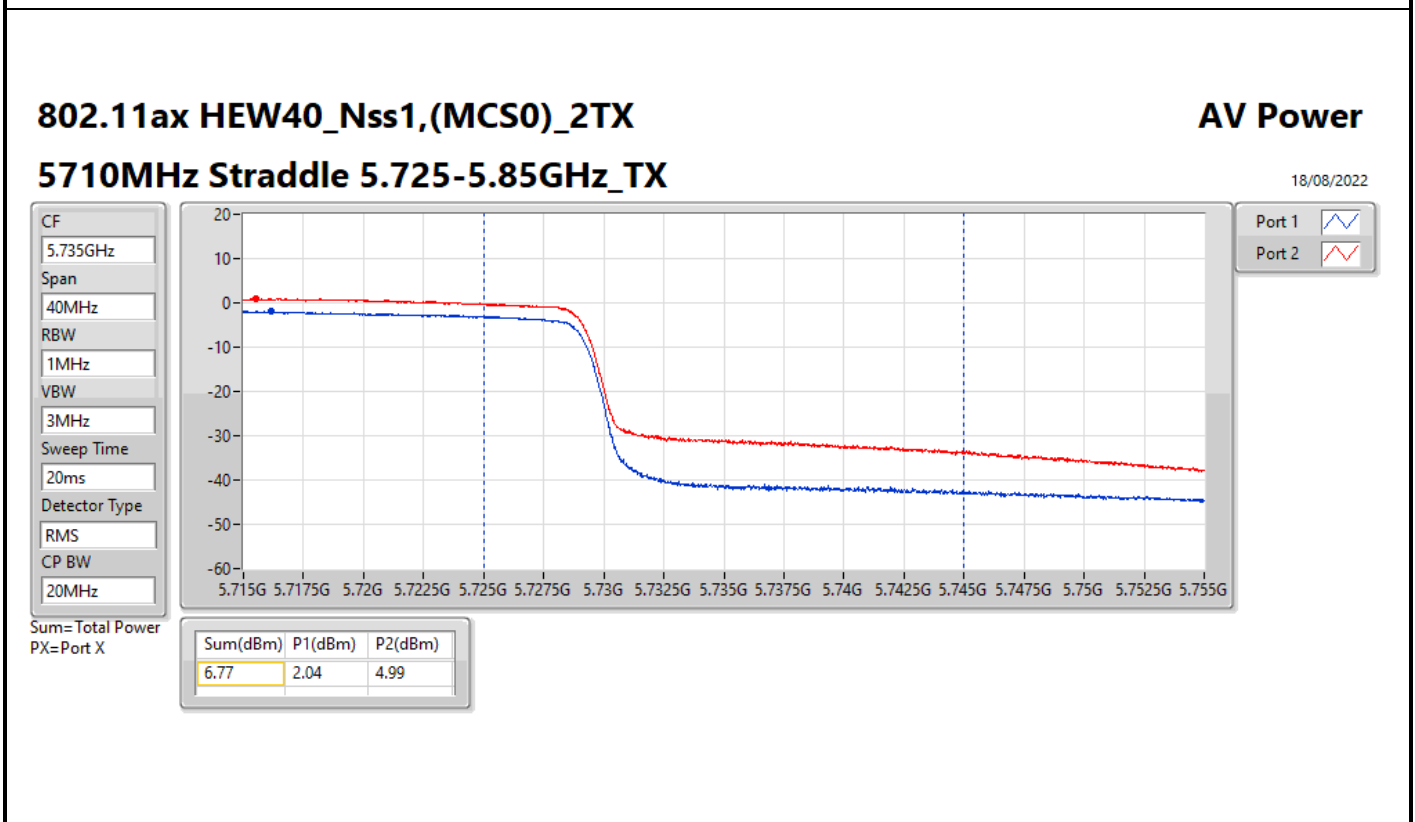
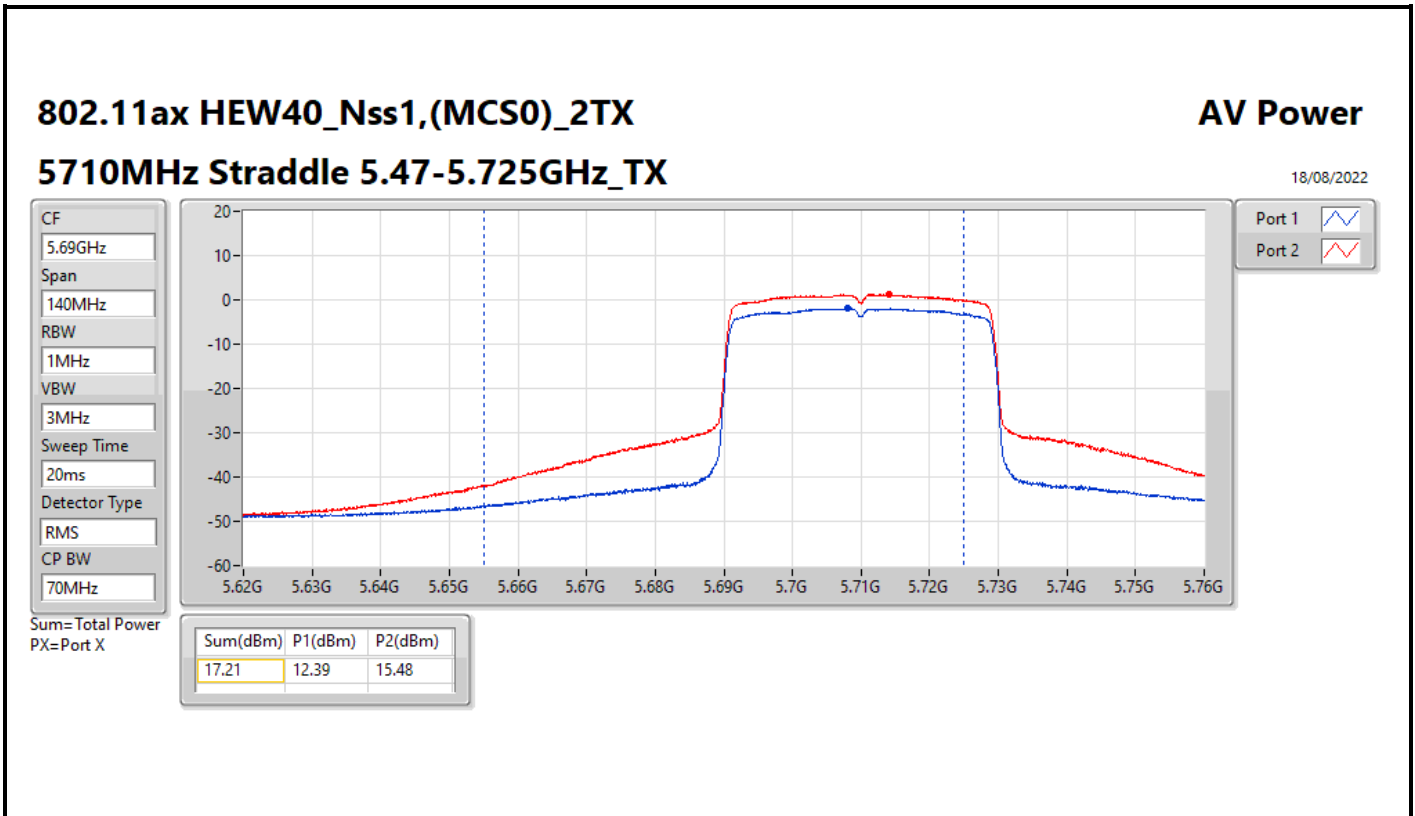


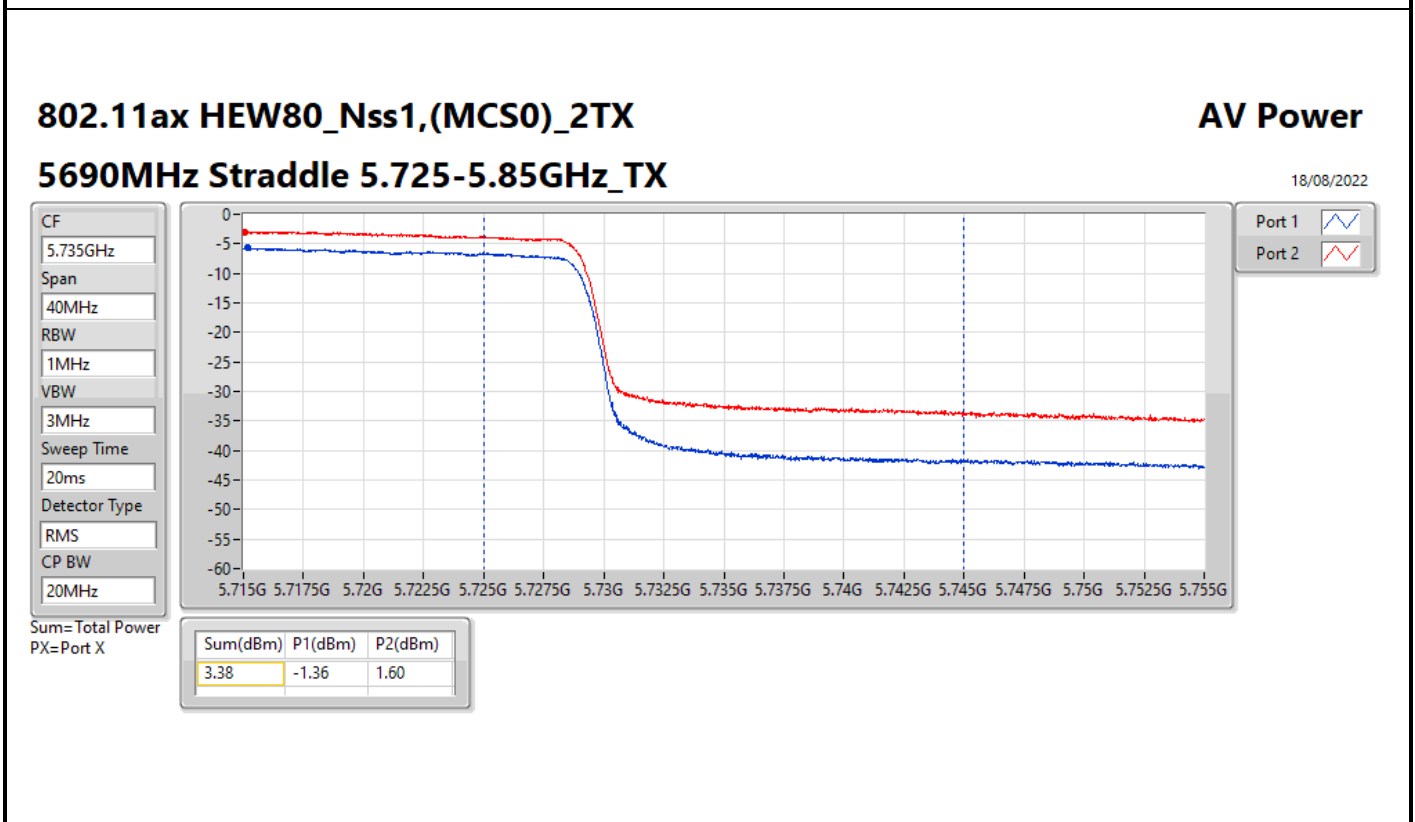
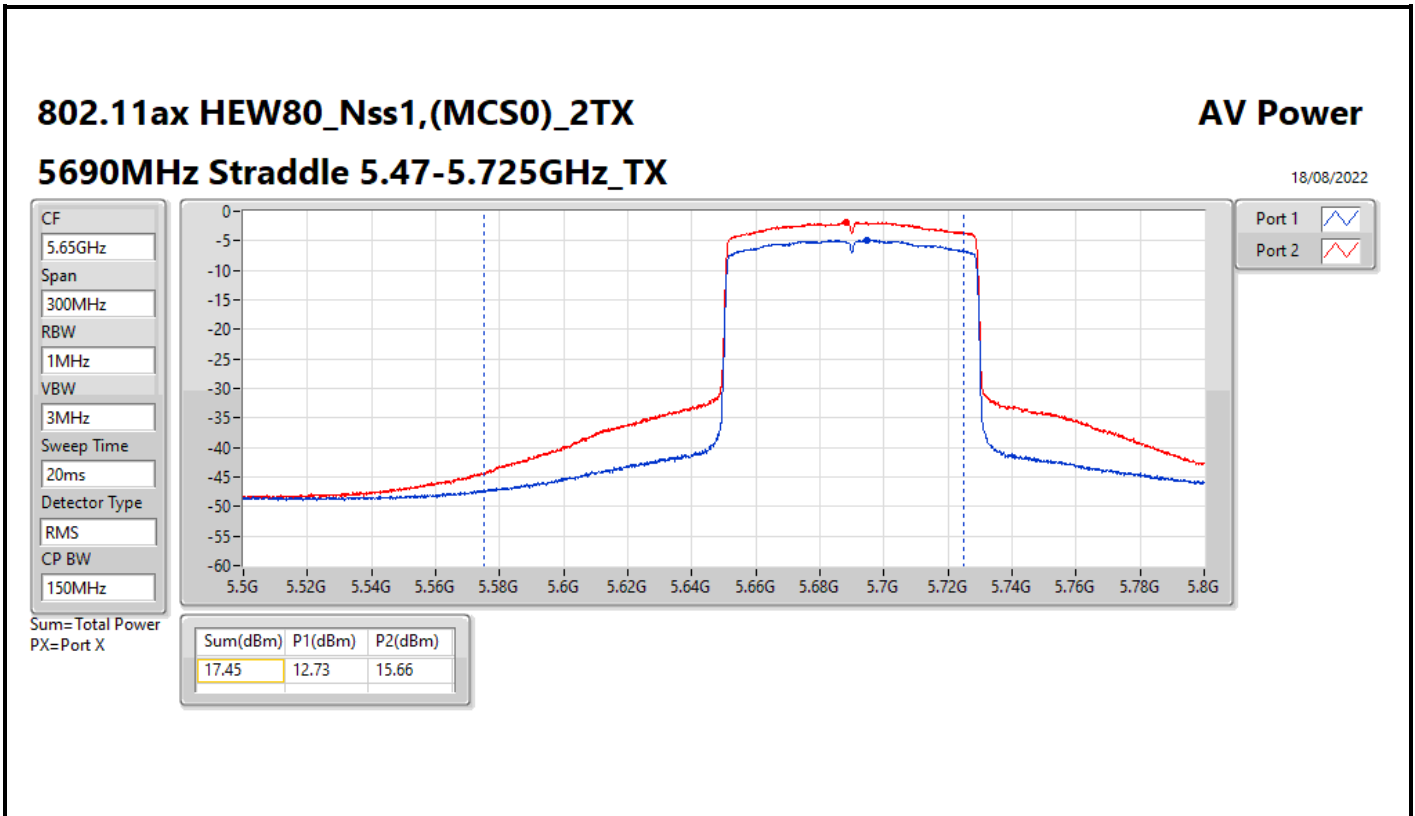


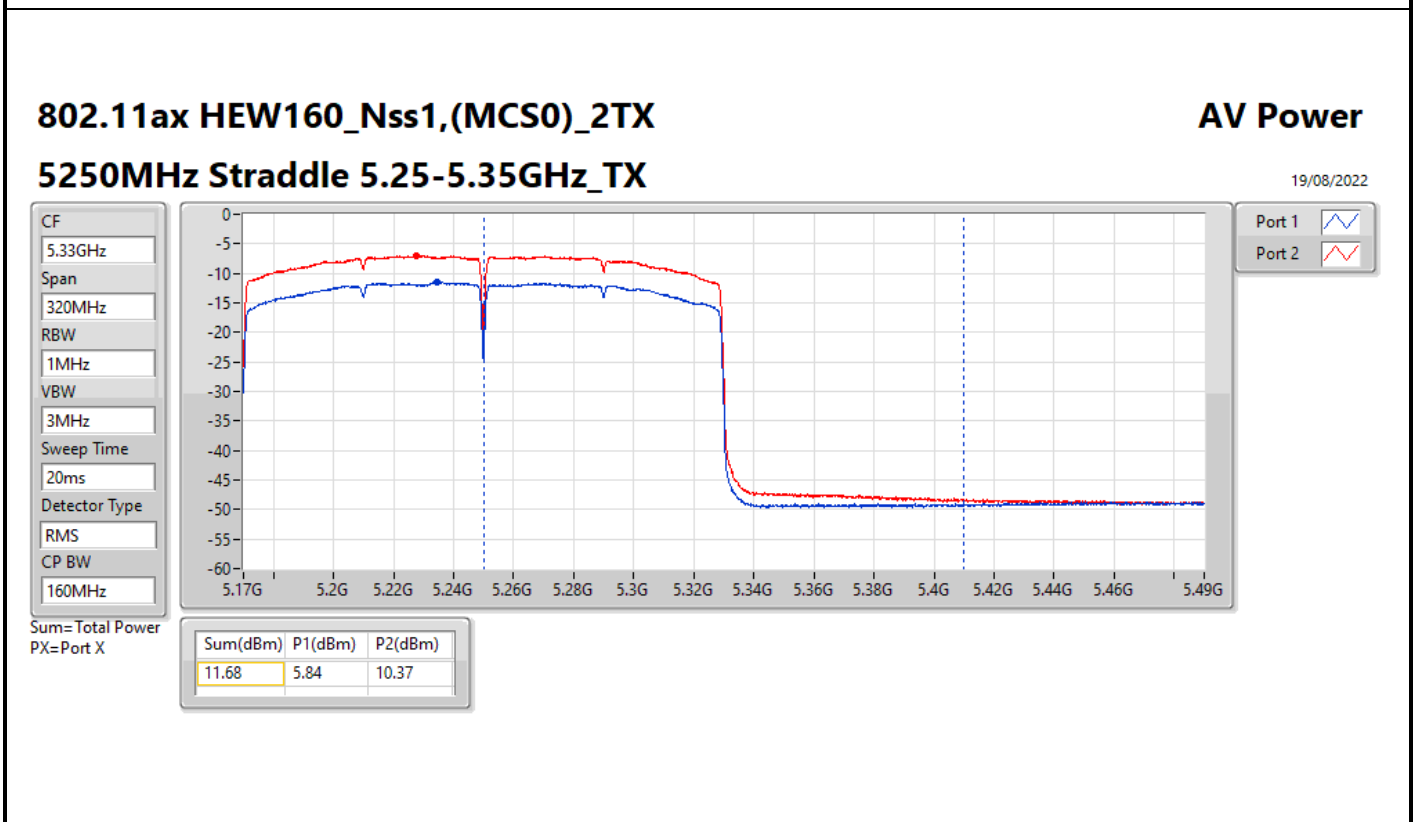
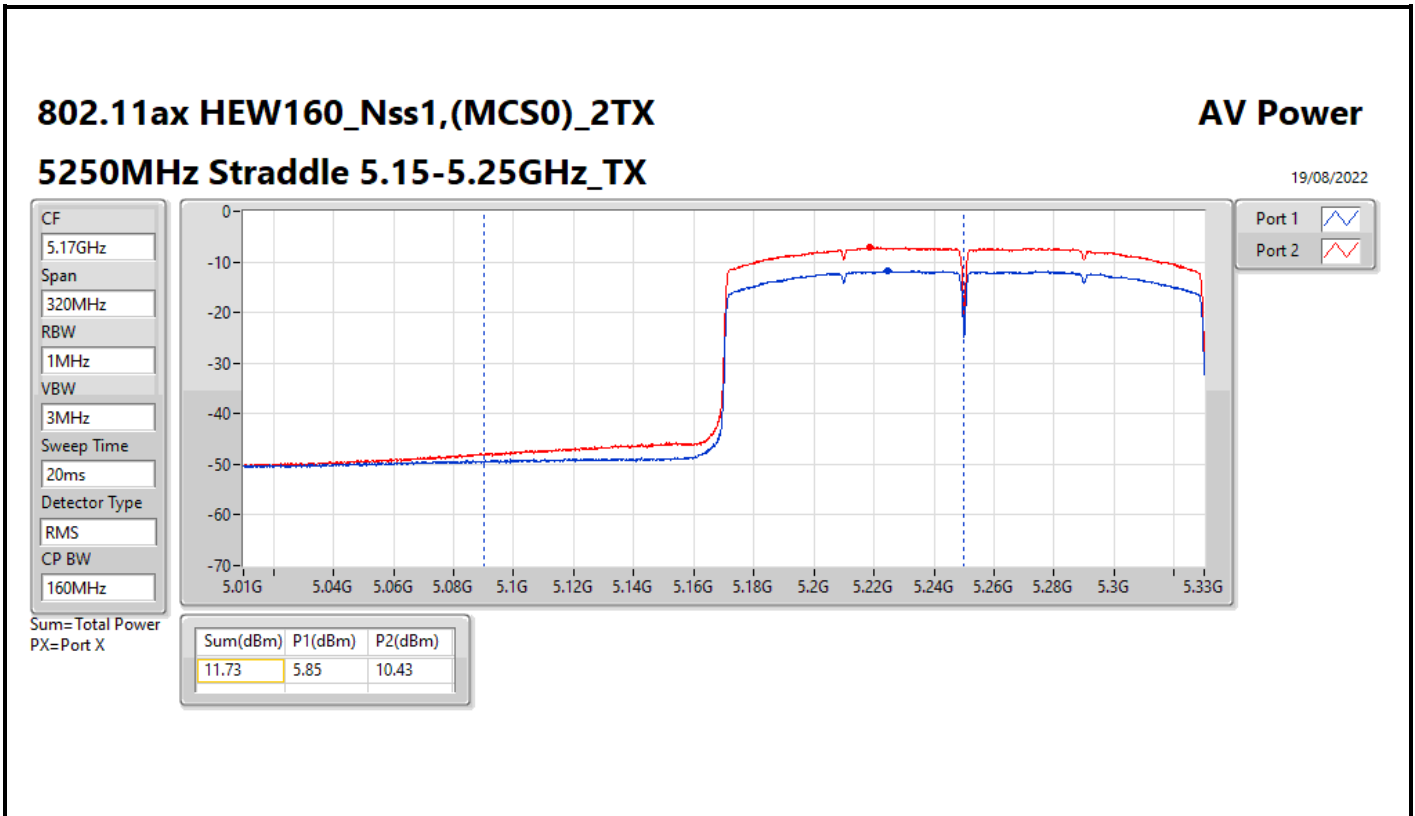


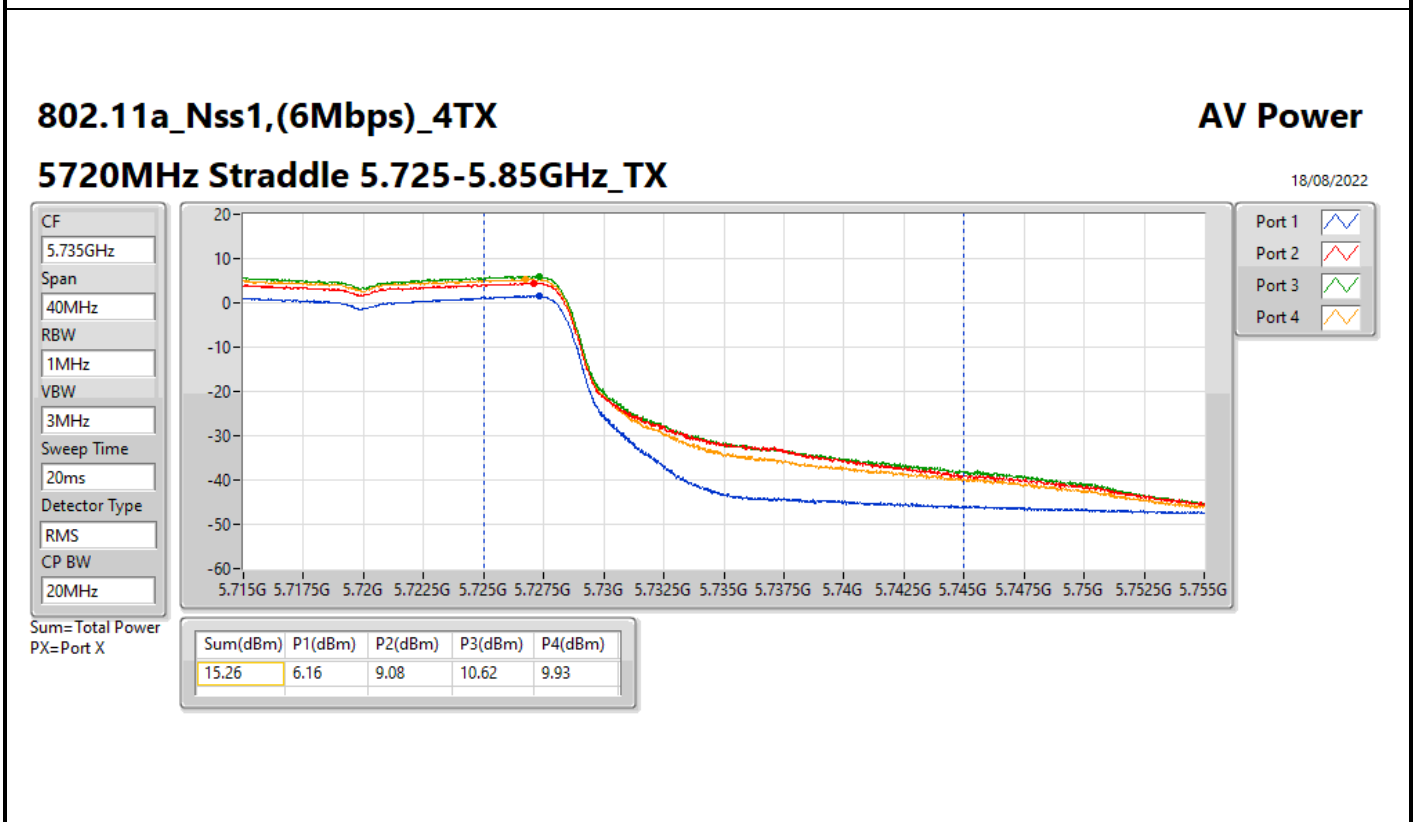
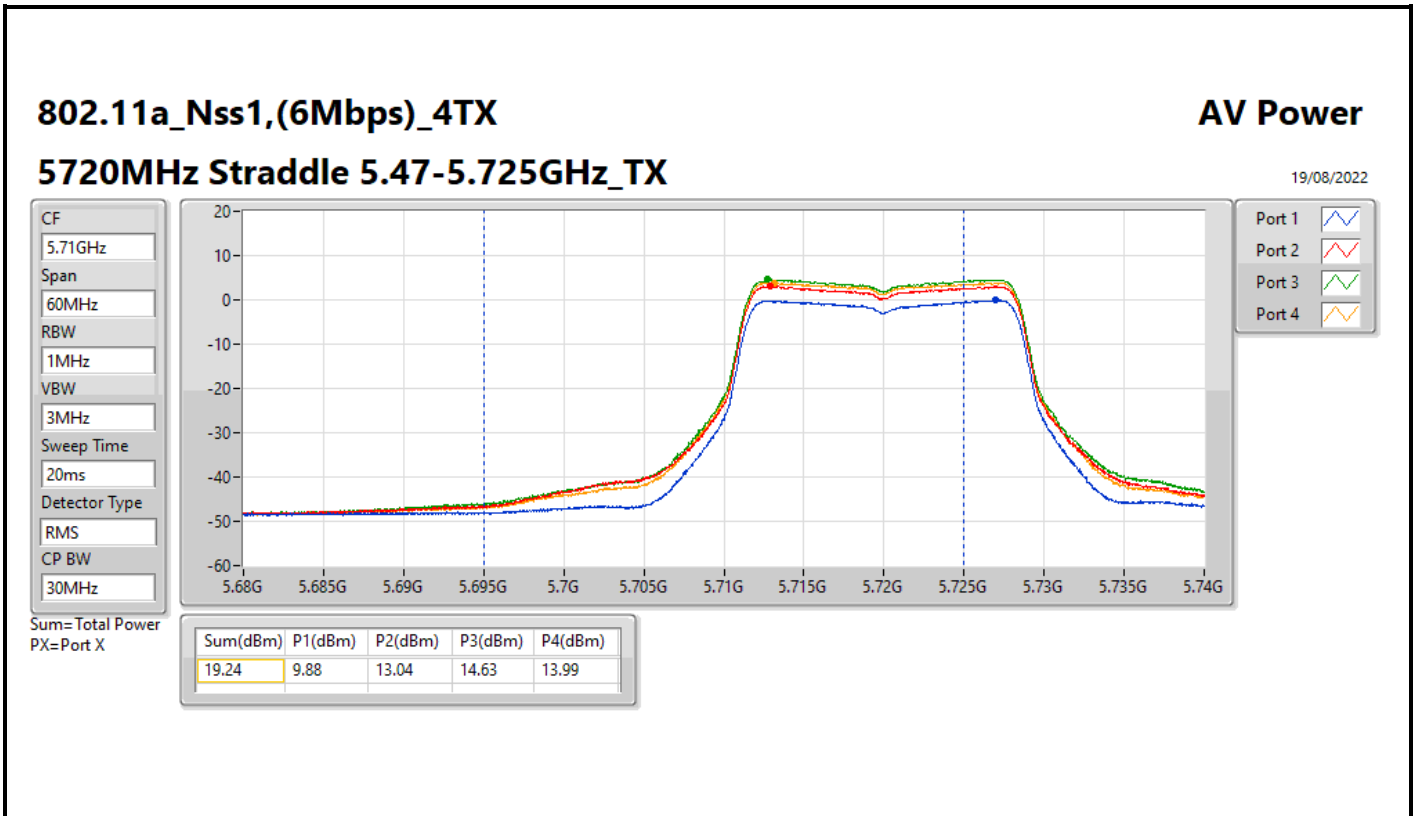


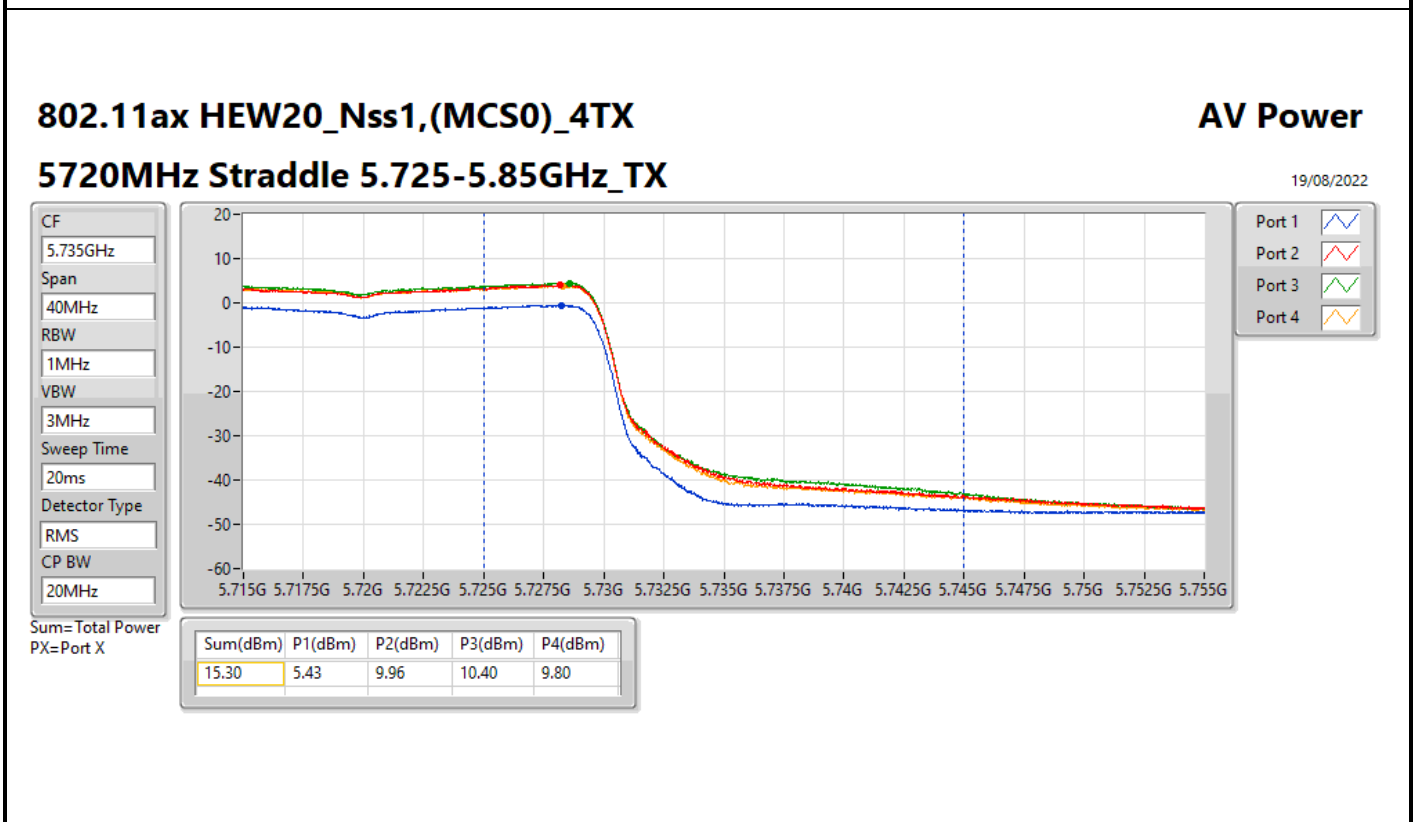
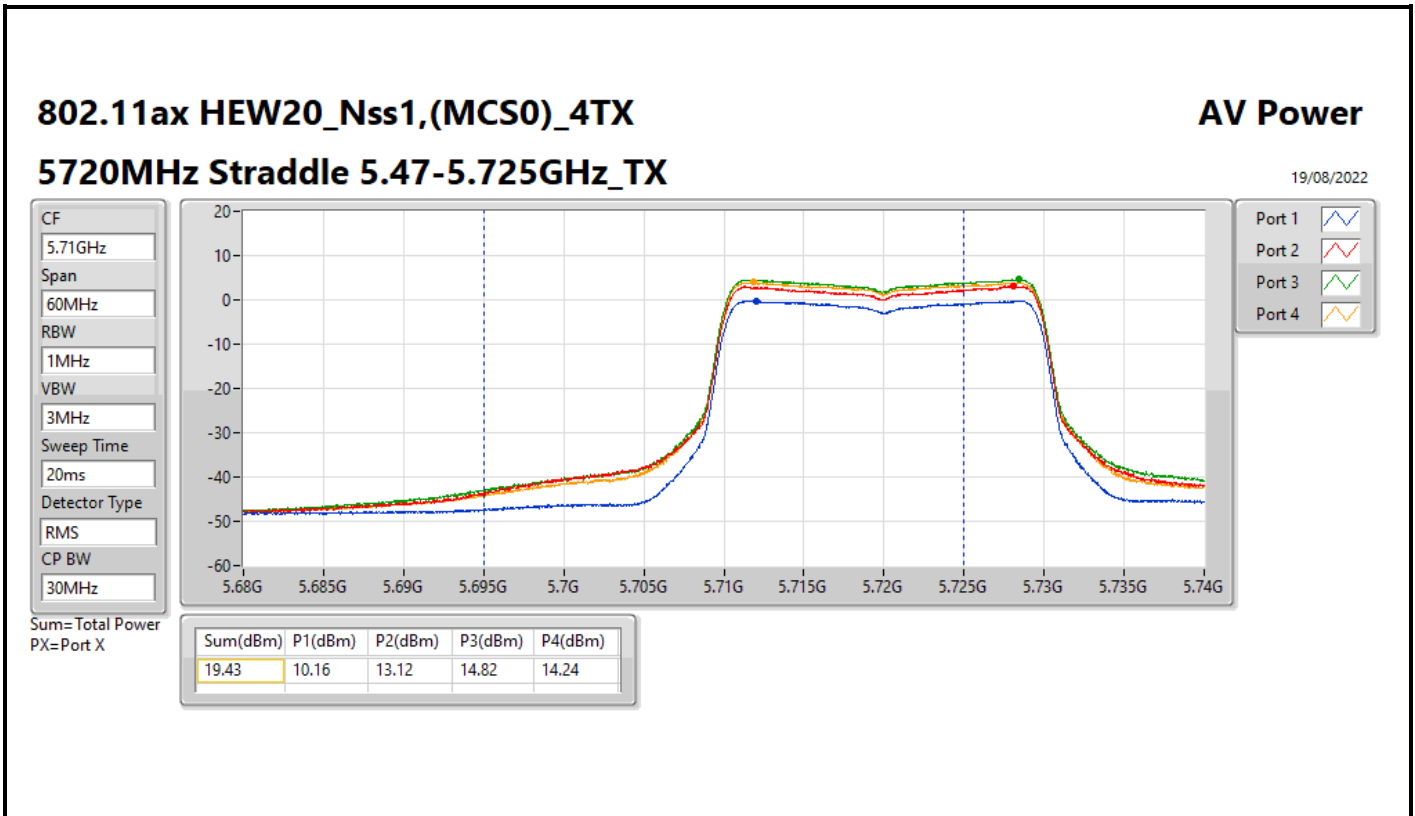


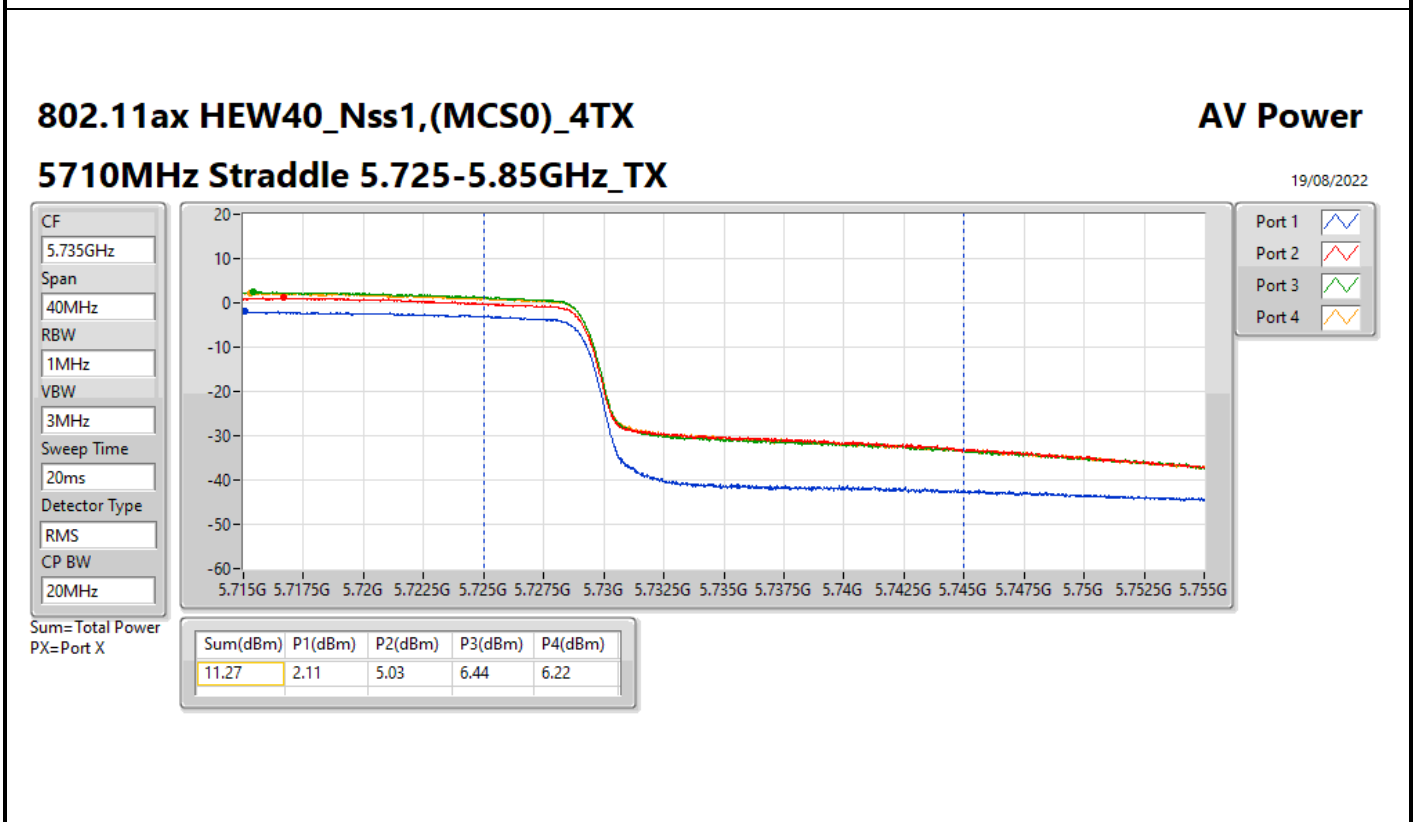
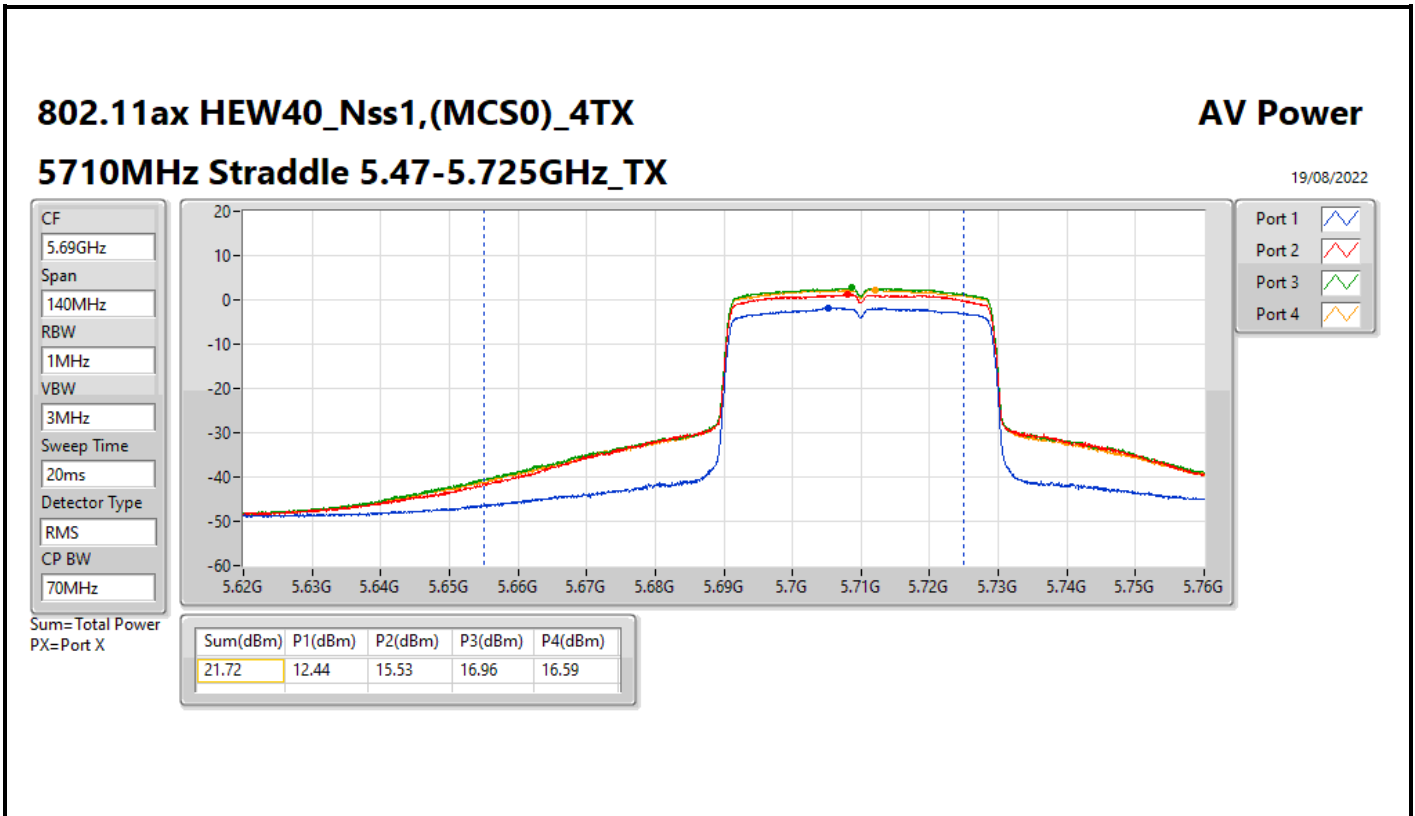


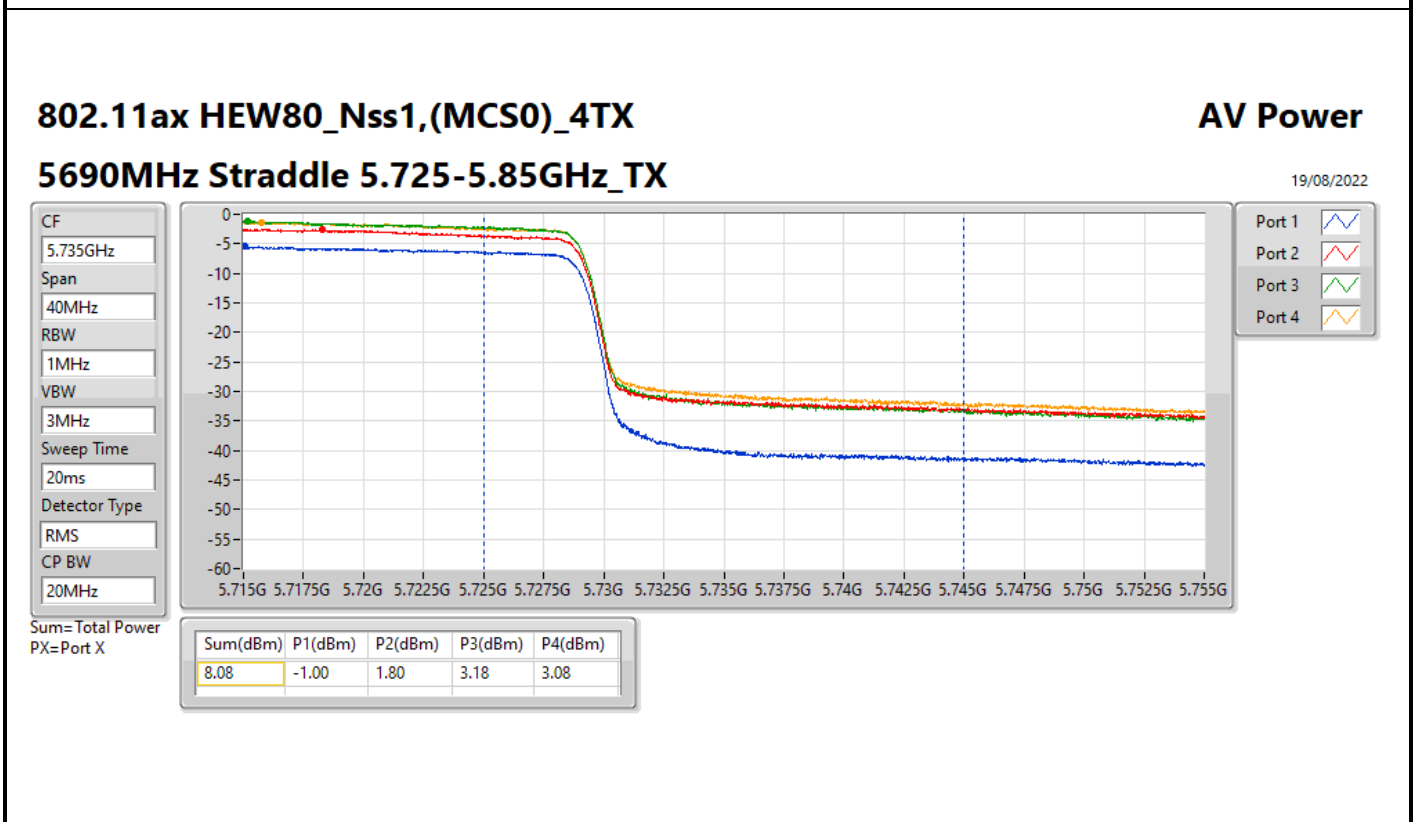
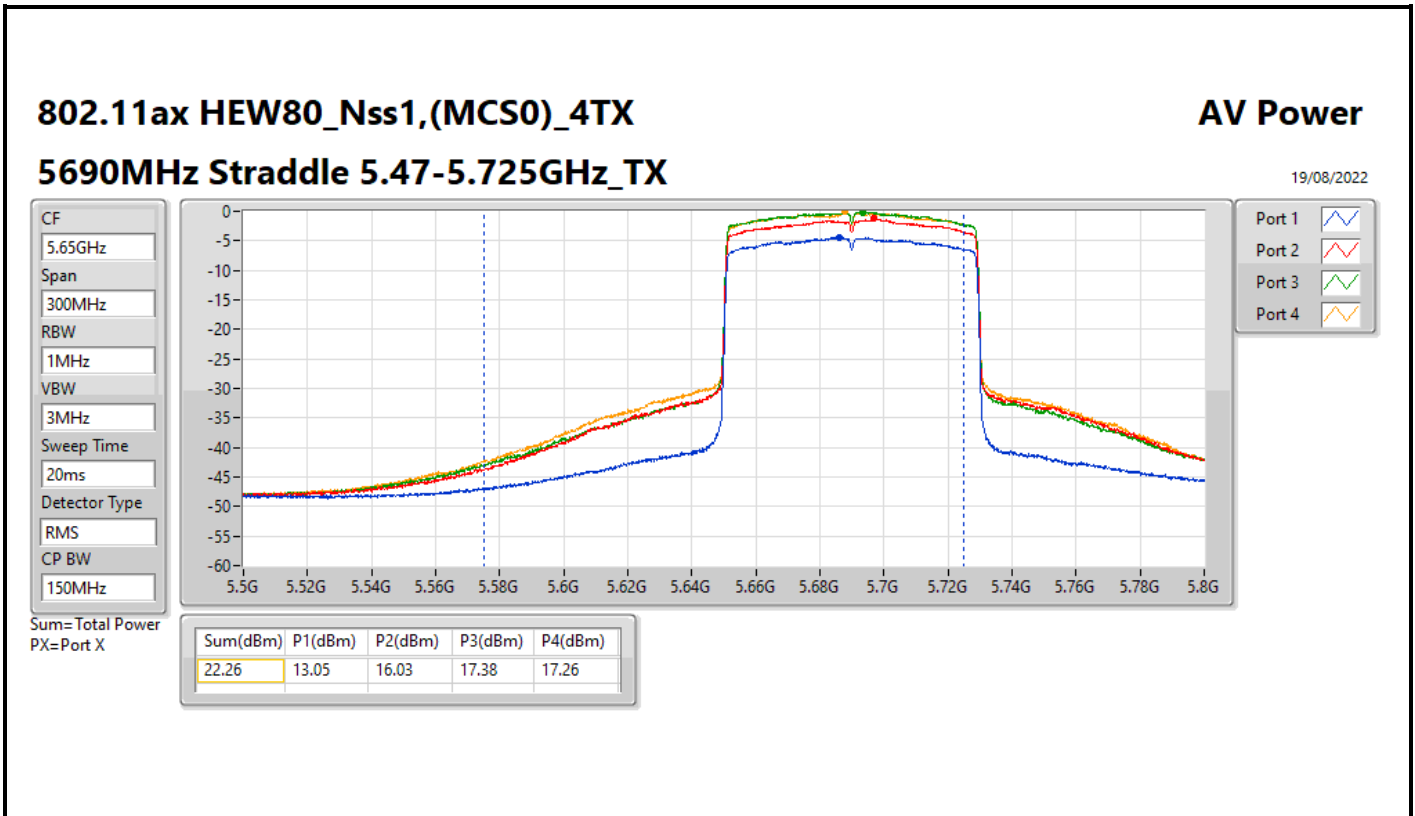


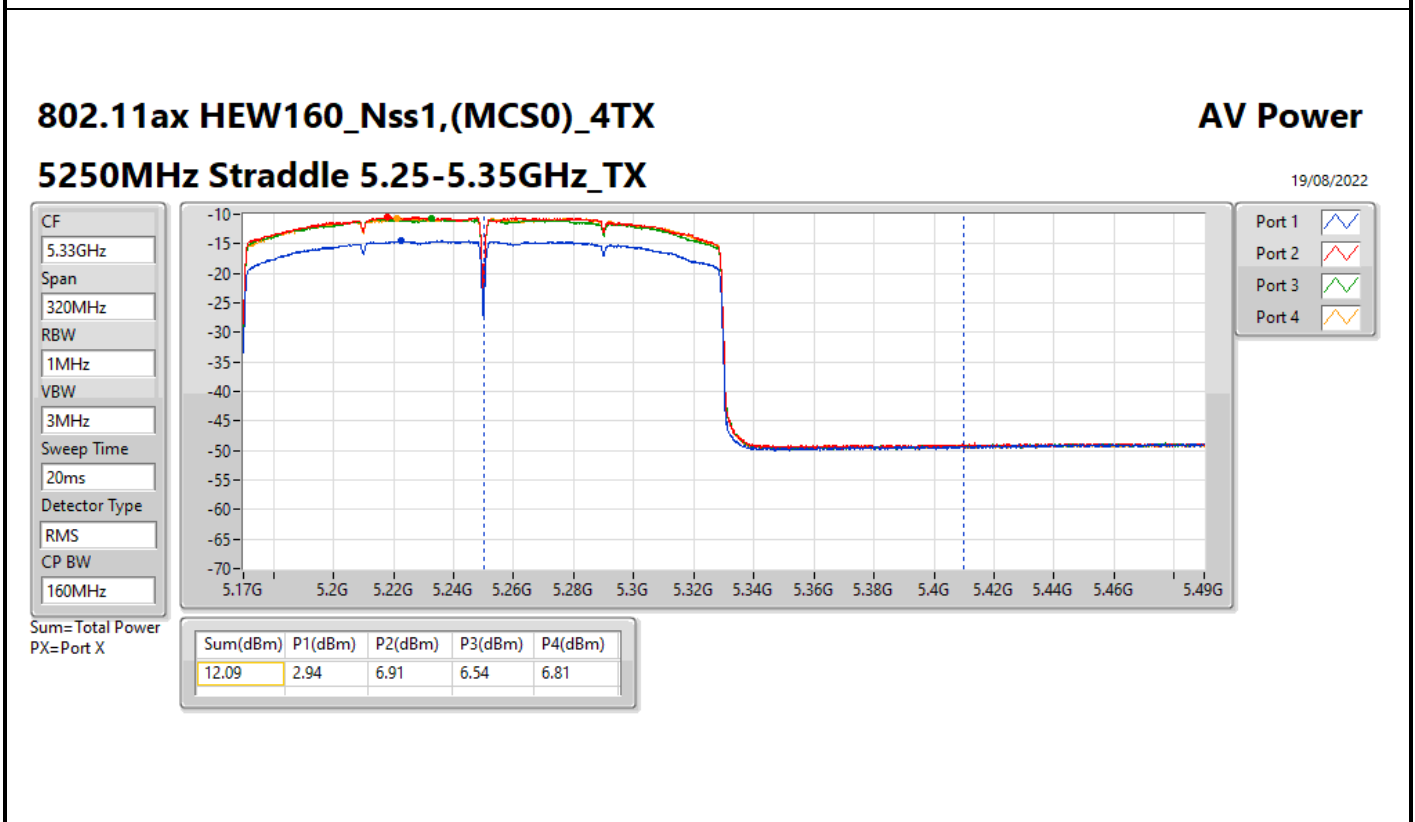
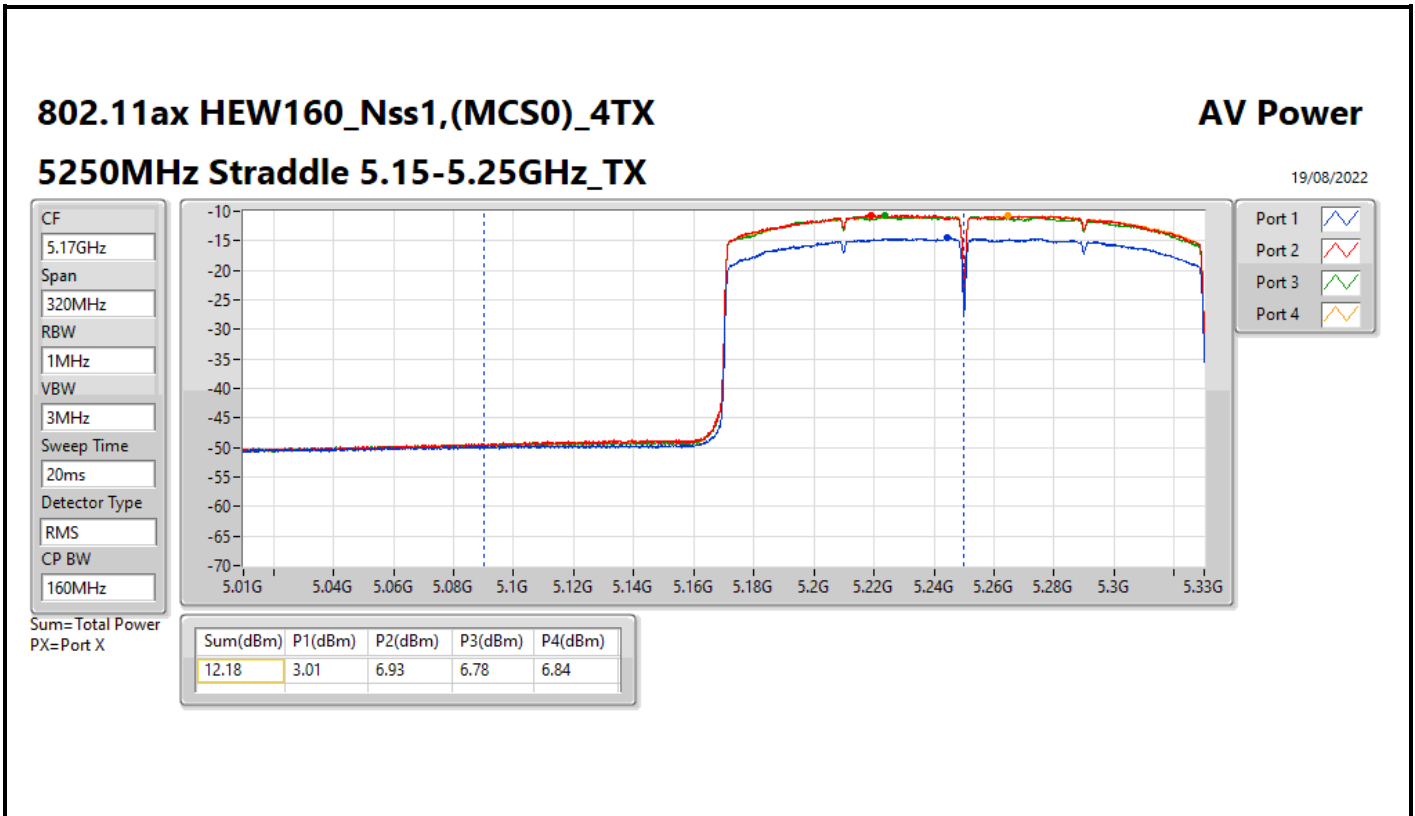














**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Indoor_P to M_P to P**

Appendix C.10

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	11.73	0.01489
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.46	0.07015
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.89	0.07745
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.35	0.03428
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	11.68	0.01472
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.19	0.06592
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.29	0.06745
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.48	0.07047
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.58	0.02871
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.99	0.01581
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.77	0.00475
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.38	0.00218



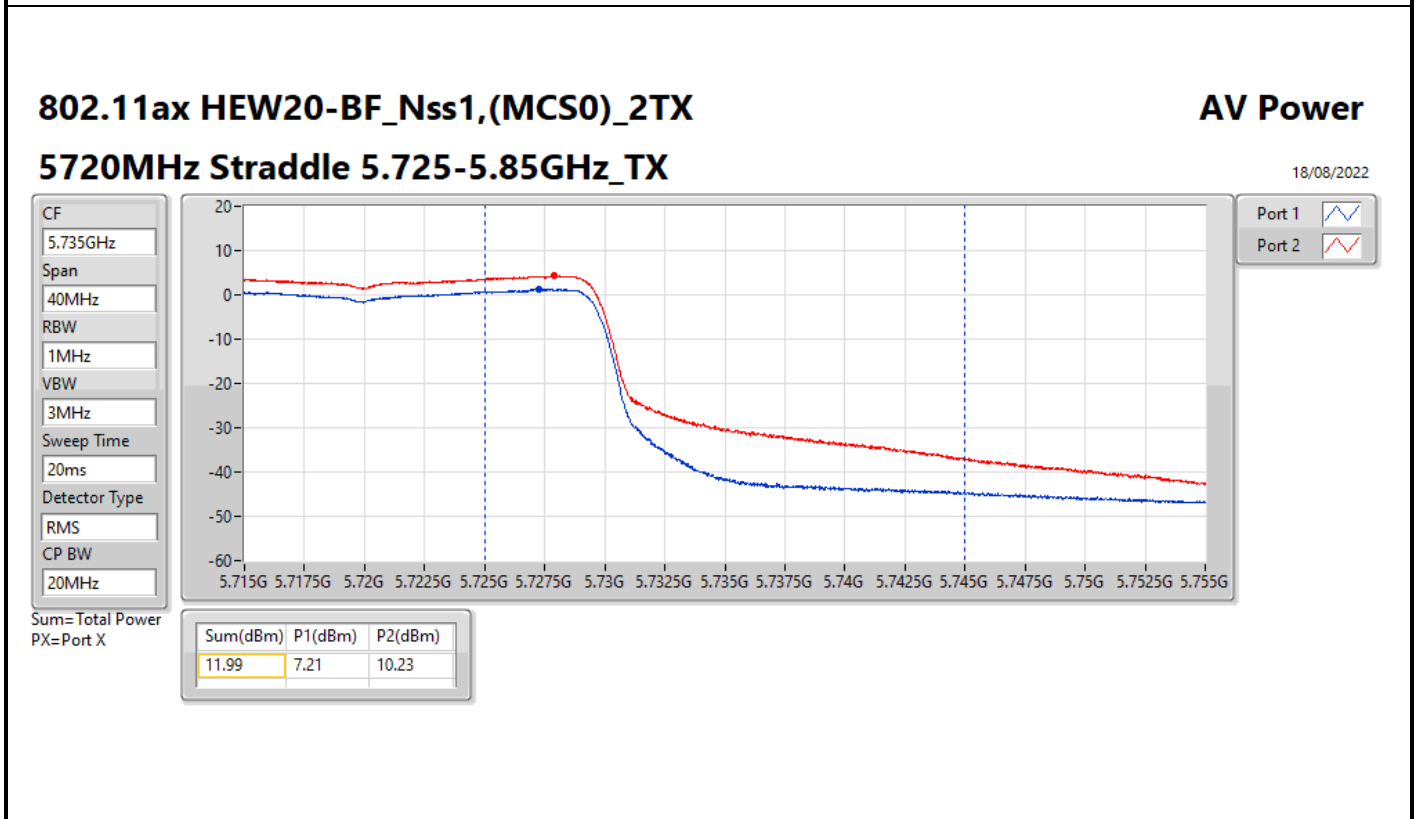
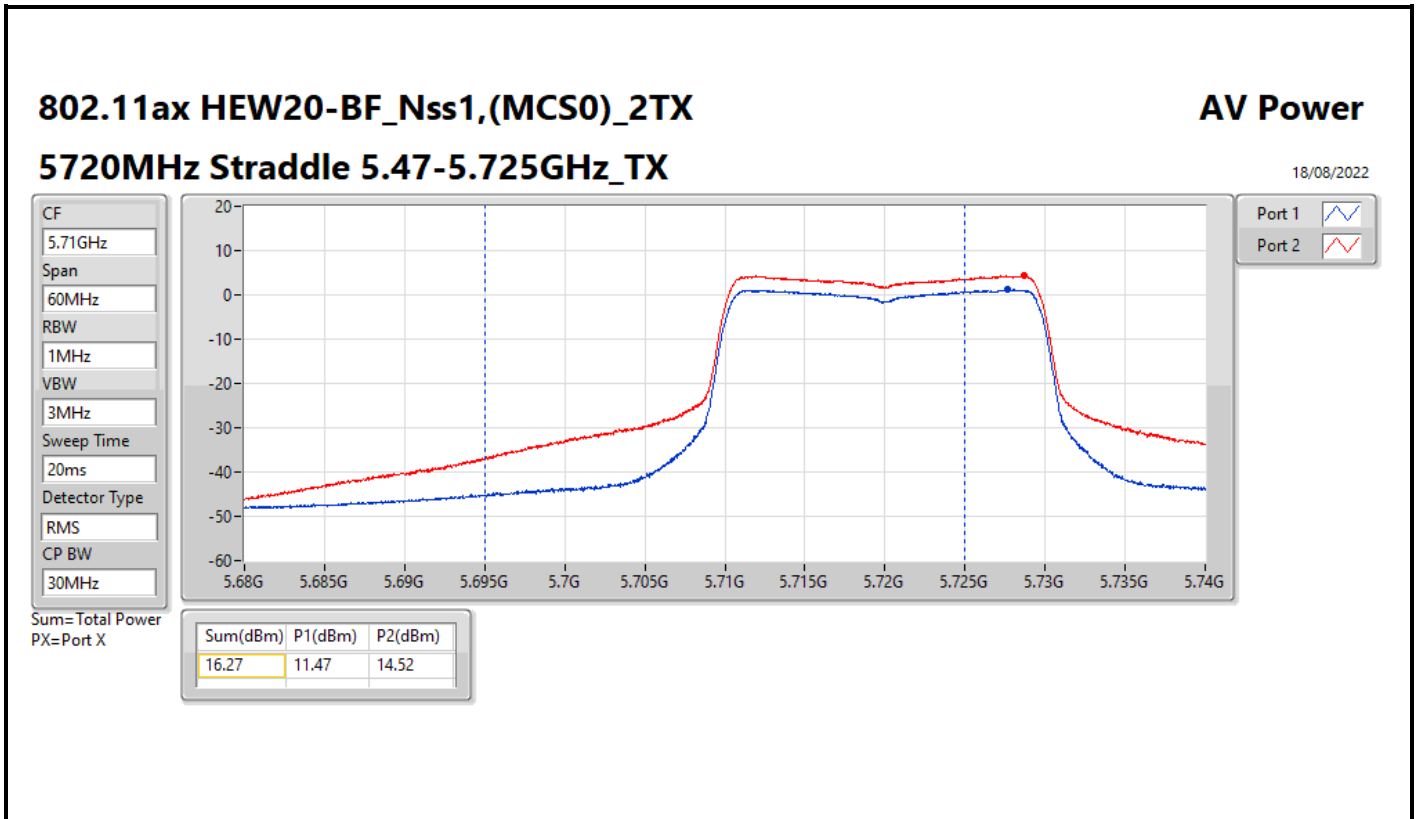
Average Power_Pine R2_Antenna set 3_Beamforming mode_
Indoor_P to M_P to P

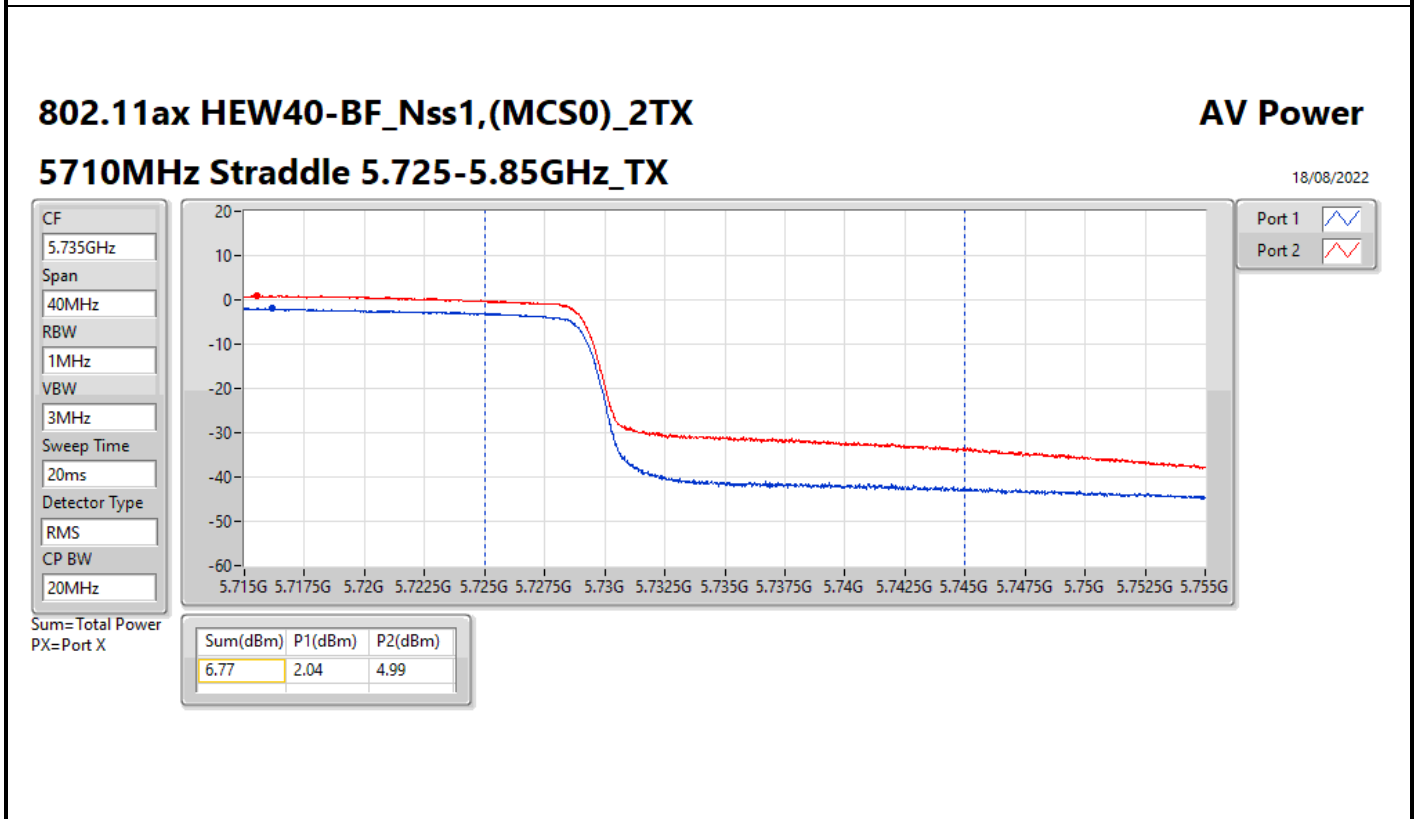
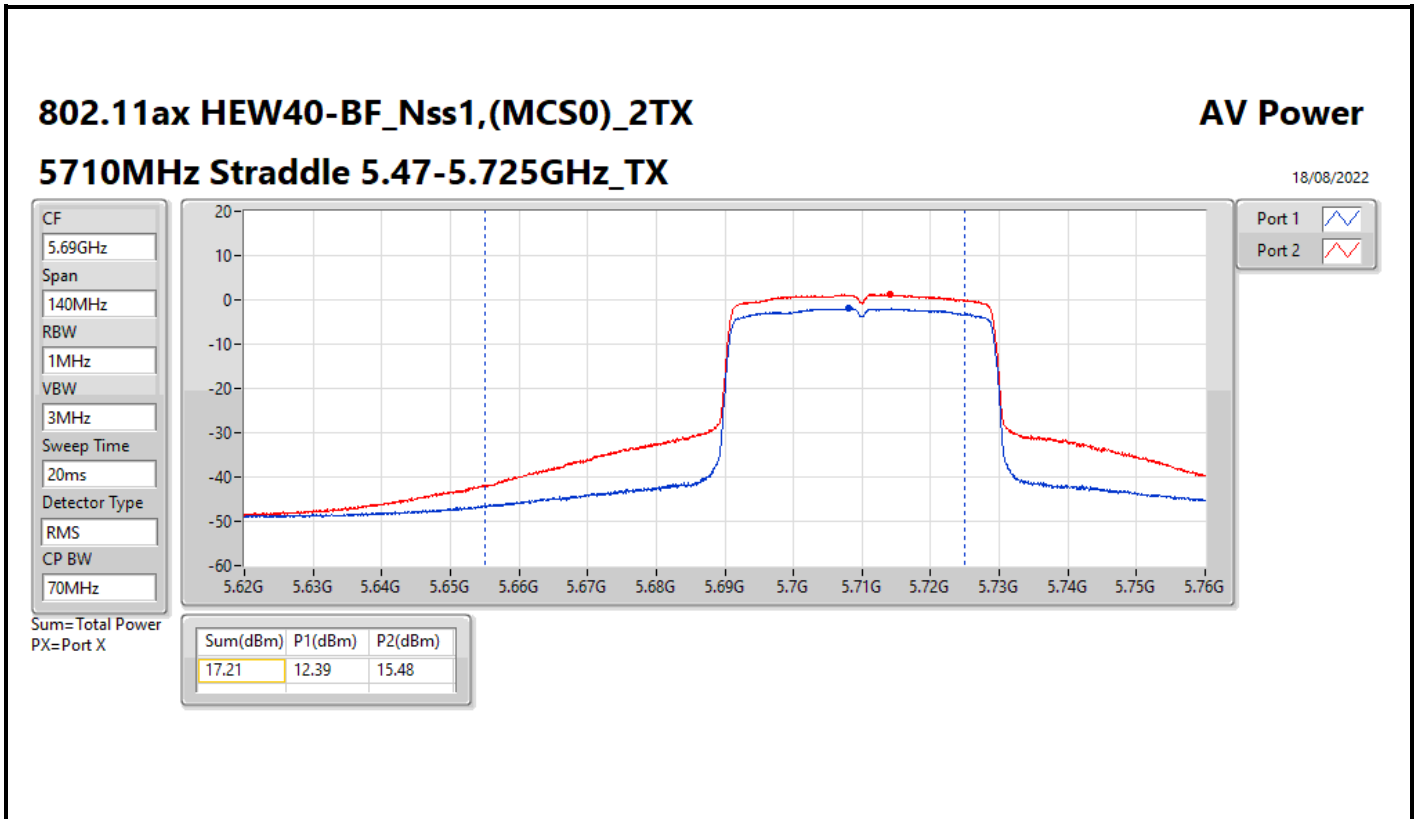
Appendix C.10

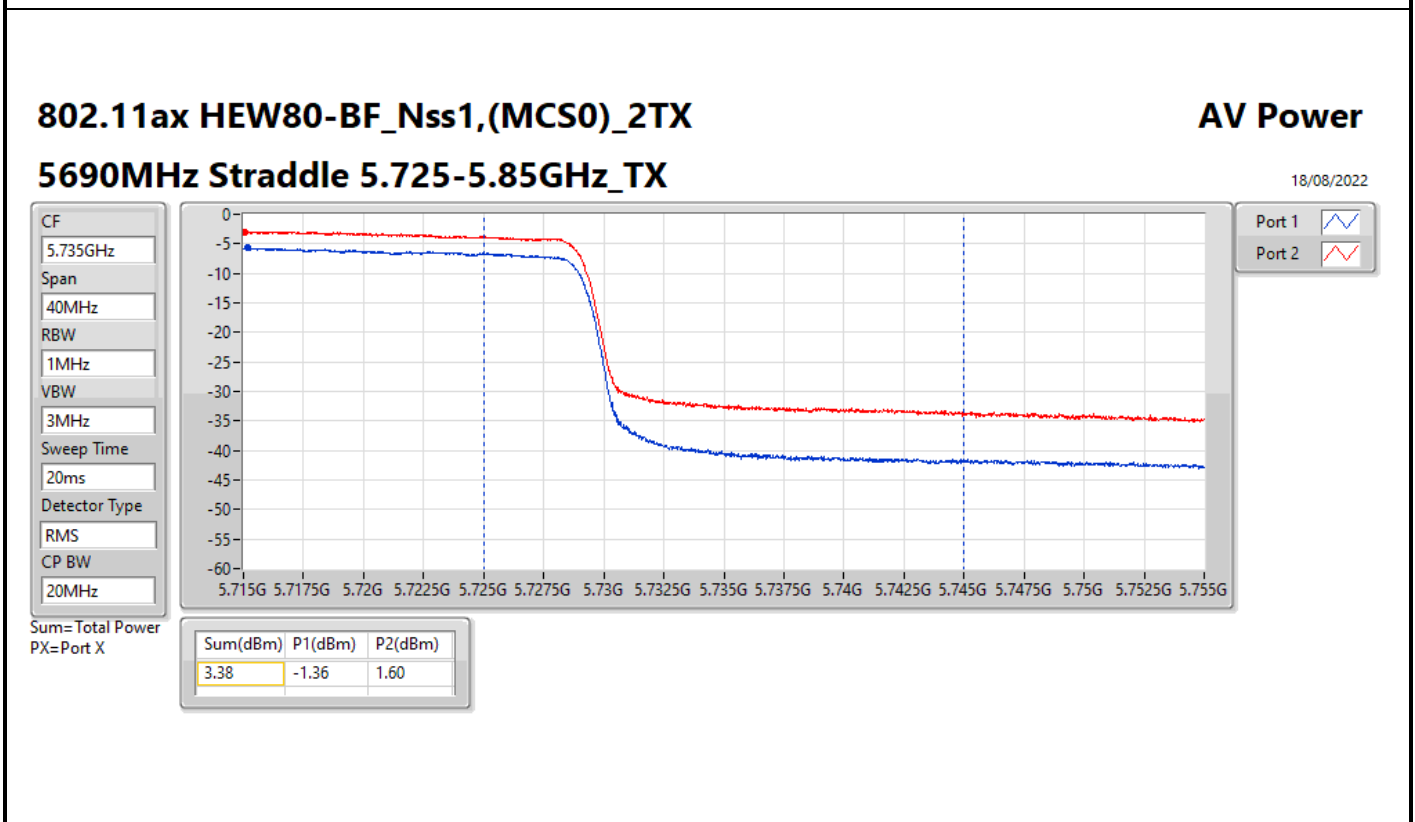
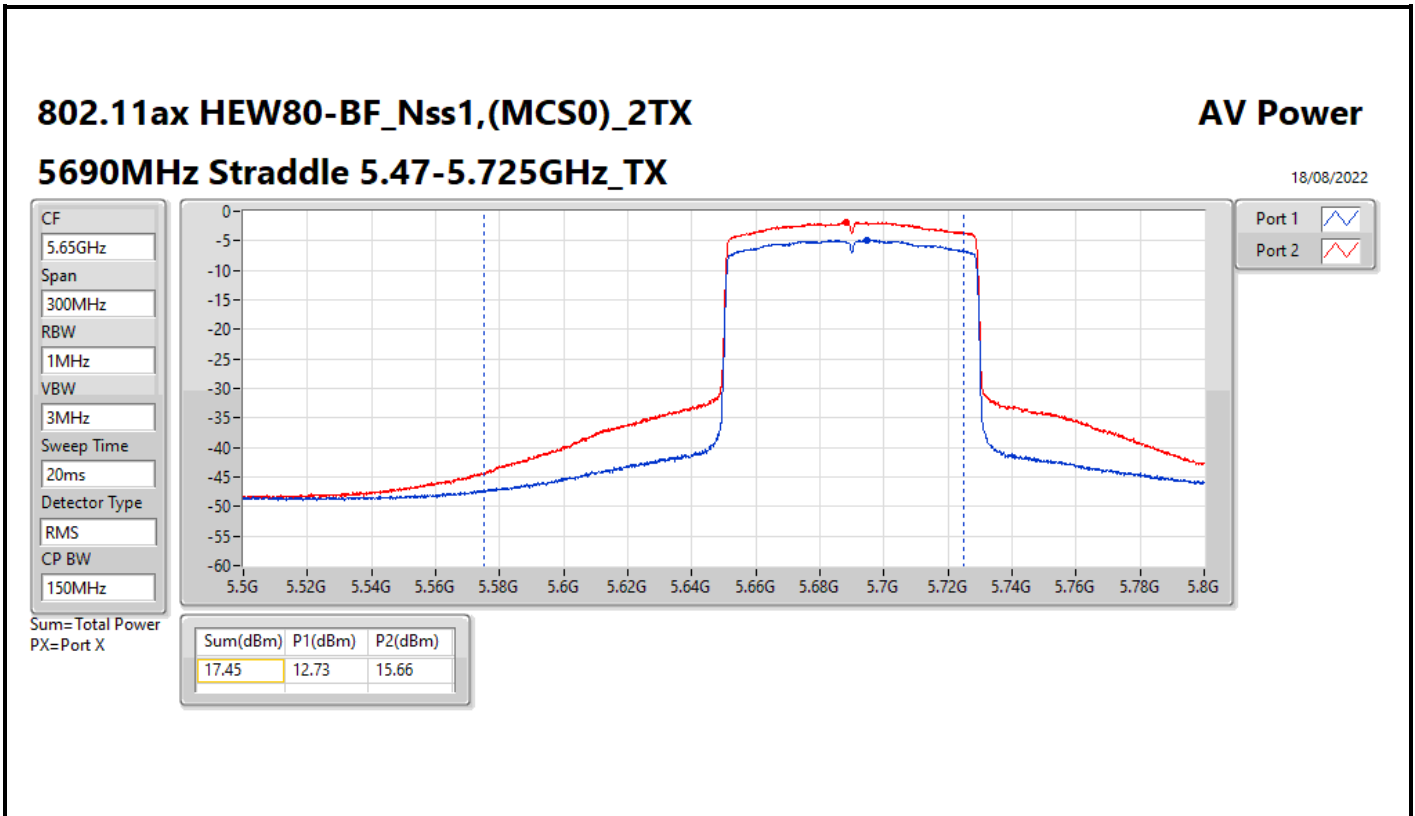
Result

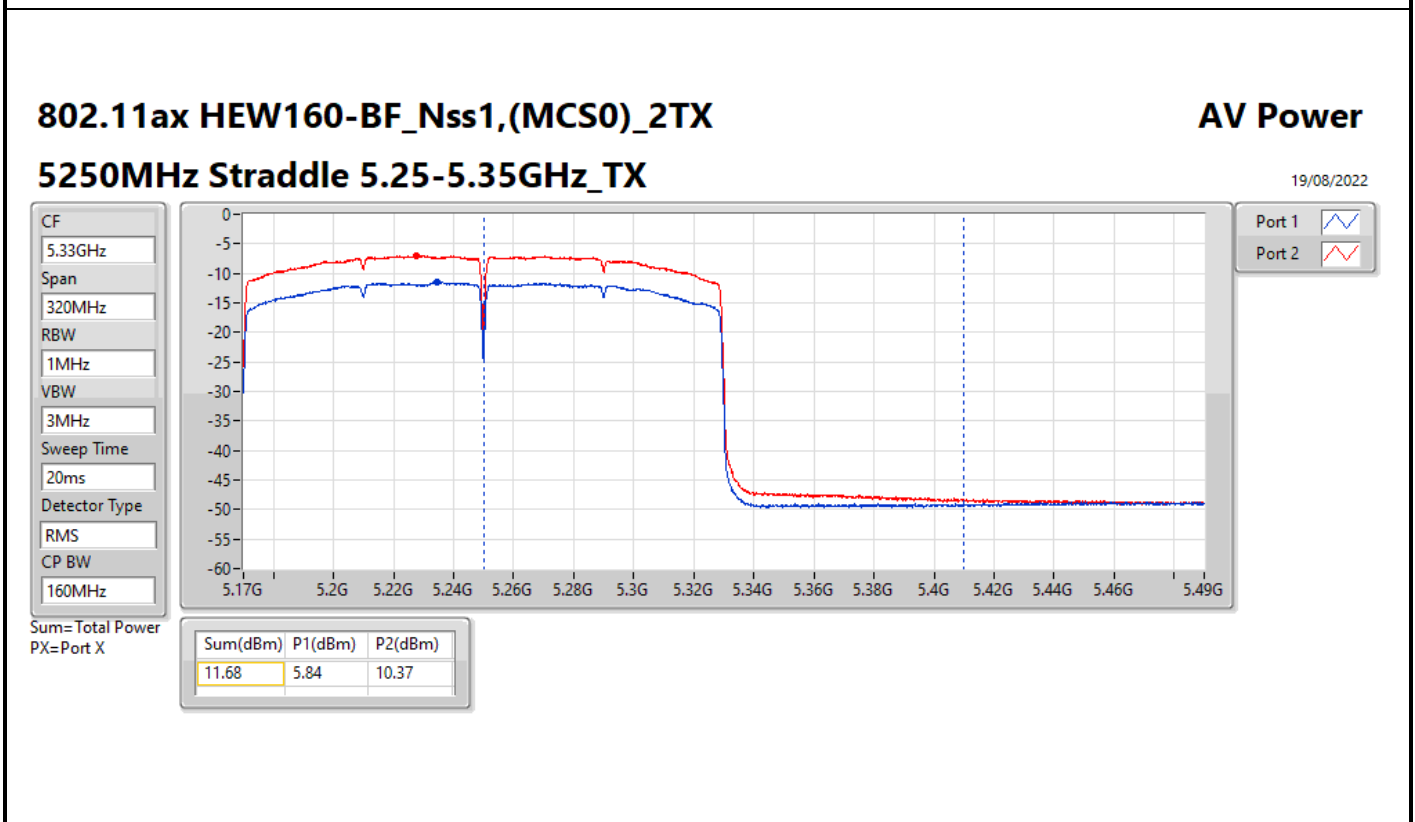
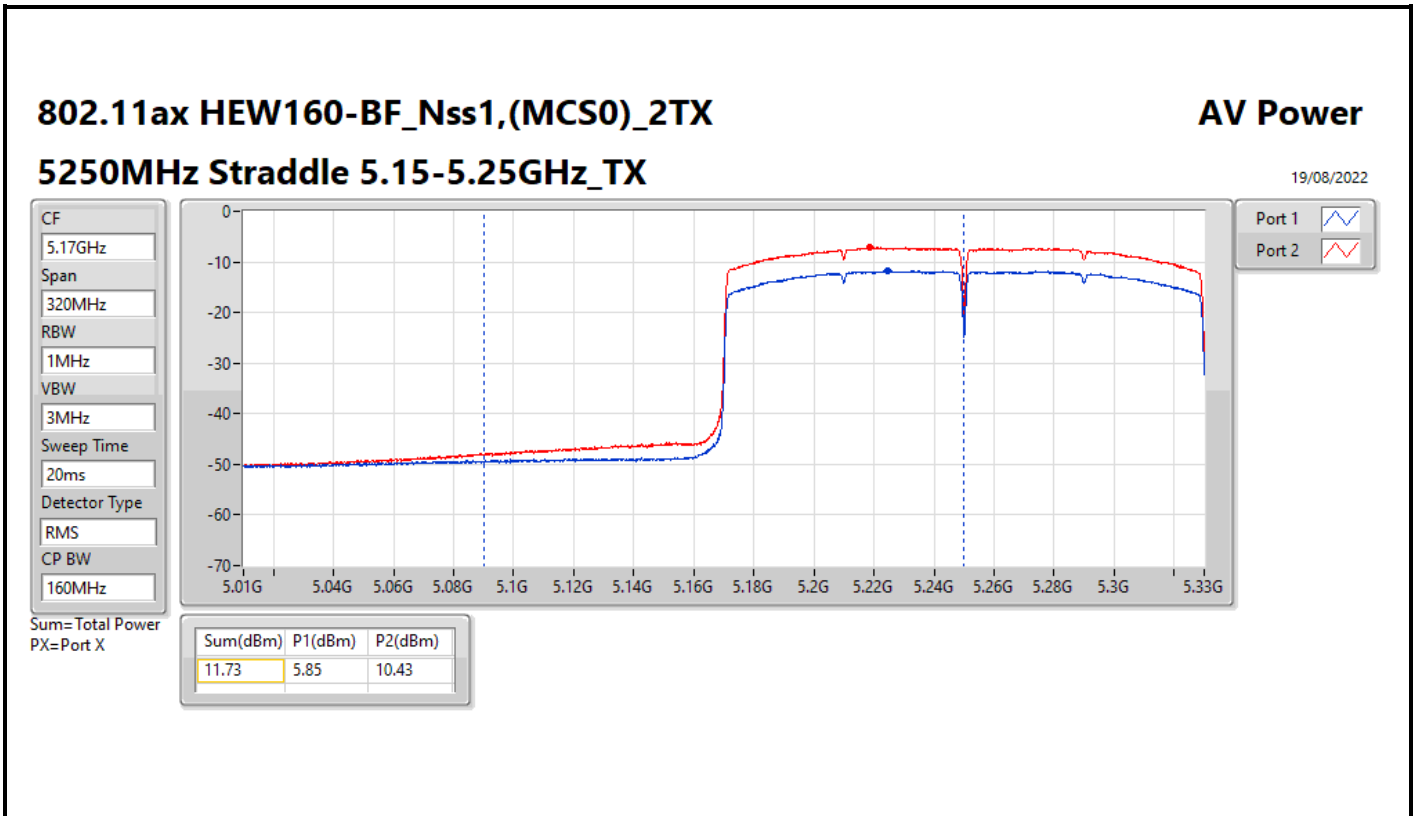
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	6.01	13.77	16.66	18.46	23.97
5300MHz	Pass	6.01	13.52	16.40	18.20	23.97
5320MHz	Pass	6.01	11.97	16.59	17.88	23.97
5500MHz	Pass	6.01	12.54	15.07	17.00	23.97
5580MHz	Pass	6.01	13.54	16.37	18.19	23.97
5700MHz	Pass	6.01	12.17	15.15	16.92	23.97
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	11.47	14.52	16.27	23.06
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	7.21	10.23	11.99	29.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	6.01	13.26	17.50	18.89	23.97
5310MHz	Pass	6.01	11.05	15.36	16.73	23.97
5510MHz	Pass	6.01	12.55	15.60	17.35	23.97
5550MHz	Pass	6.01	13.76	16.40	18.29	23.97
5670MHz	Pass	6.01	13.03	15.92	17.72	23.97
5710MHz Straddle 5.47-5.725GHz	Pass	6.01	12.39	15.48	17.21	23.97
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	2.04	4.99	6.77	29.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	6.01	10.82	13.47	15.35	23.97
5530MHz	Pass	6.01	11.61	14.30	16.17	23.97
5610MHz	Pass	6.01	13.80	16.68	18.48	23.97
5690MHz Straddle 5.47-5.725GHz	Pass	6.01	12.73	15.66	17.45	23.97
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	-1.36	1.60	3.38	29.99
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.01	5.85	10.43	11.73	29.99
5250MHz Straddle 5.25-5.35GHz	Pass	6.01	5.84	10.37	11.68	23.97
5570MHz	Pass	6.01	8.83	13.24	14.58	23.97

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











**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Indoor_P to M_P to P**

Appendix C.11

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	12.18	0.01652
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.87	0.12218
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.76	0.11912
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.38	0.05470
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	12.09	0.01618
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.60	0.11482
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.71	0.11776
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.78	0.11967
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.13	0.03258
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.30	0.03388
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.51	0.01125
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.54	0.00451