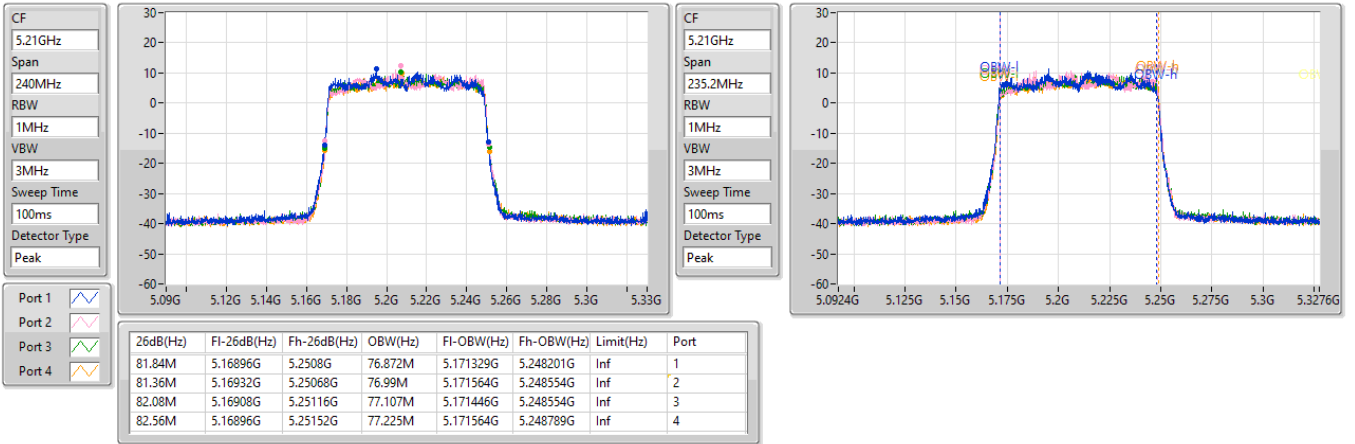


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

20/03/2023

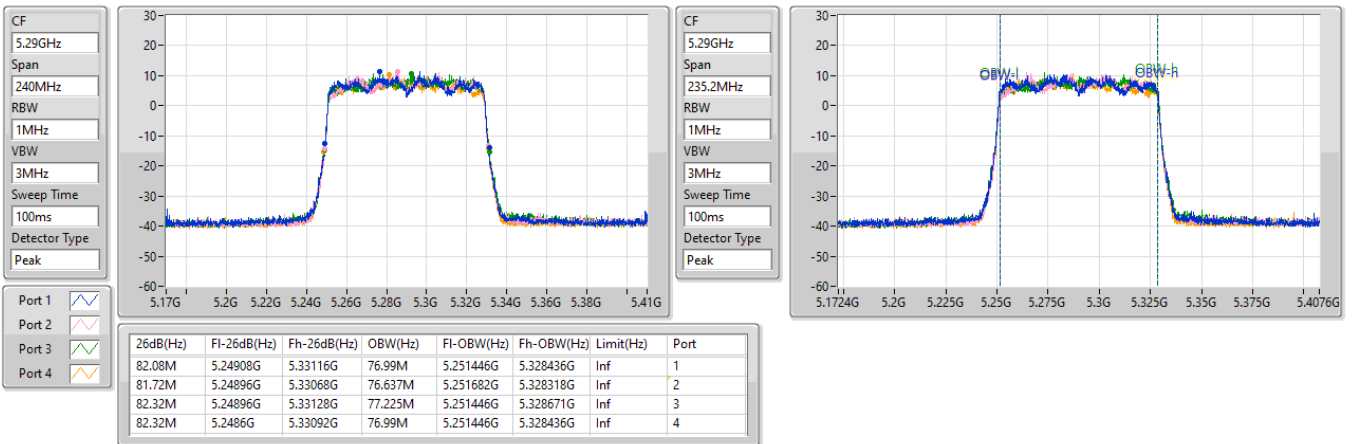


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5290MHz

20/03/2023

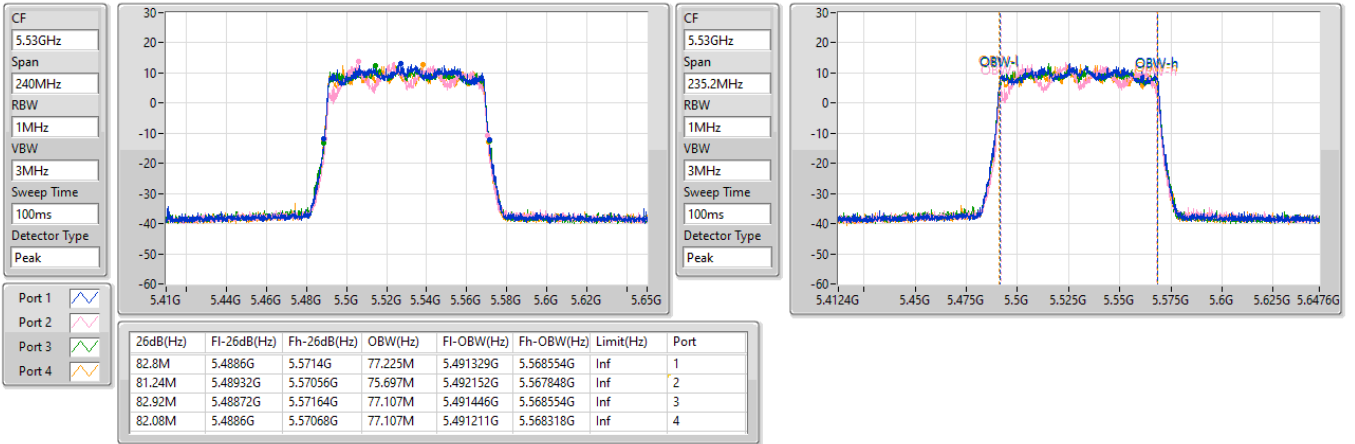


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5530MHz

20/03/2023

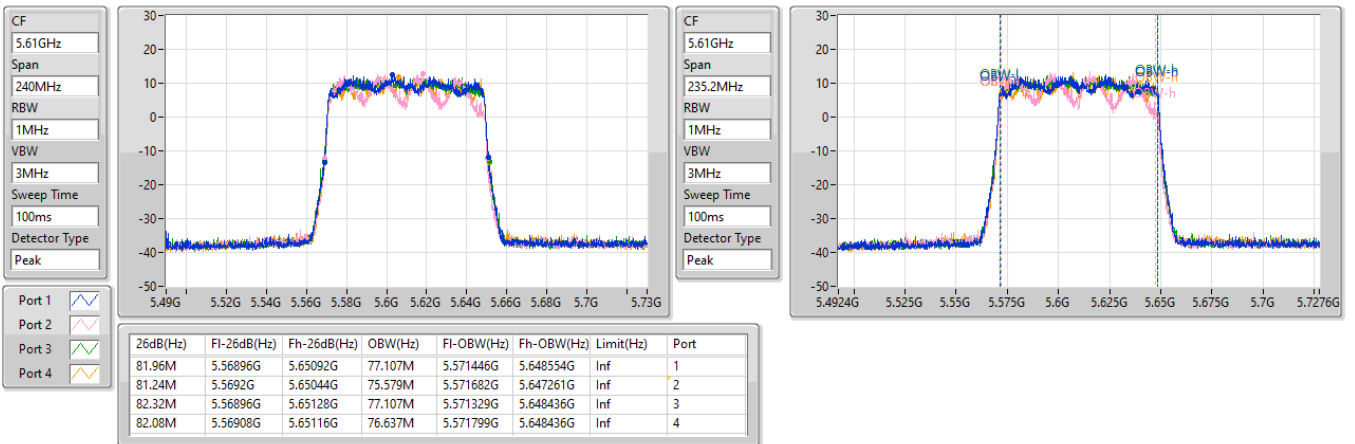


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5610MHz

20/03/2023

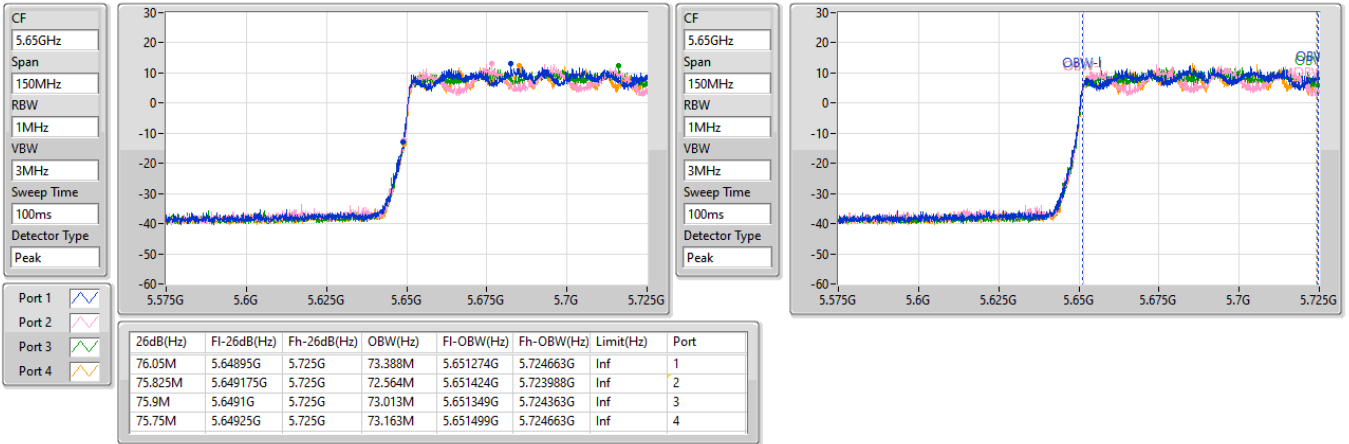


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

21/03/2023

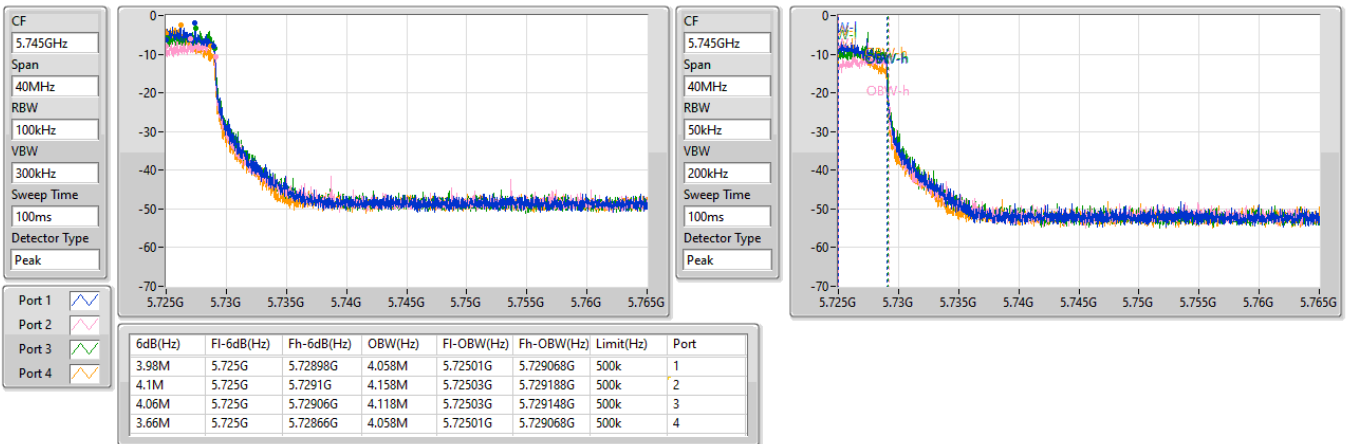


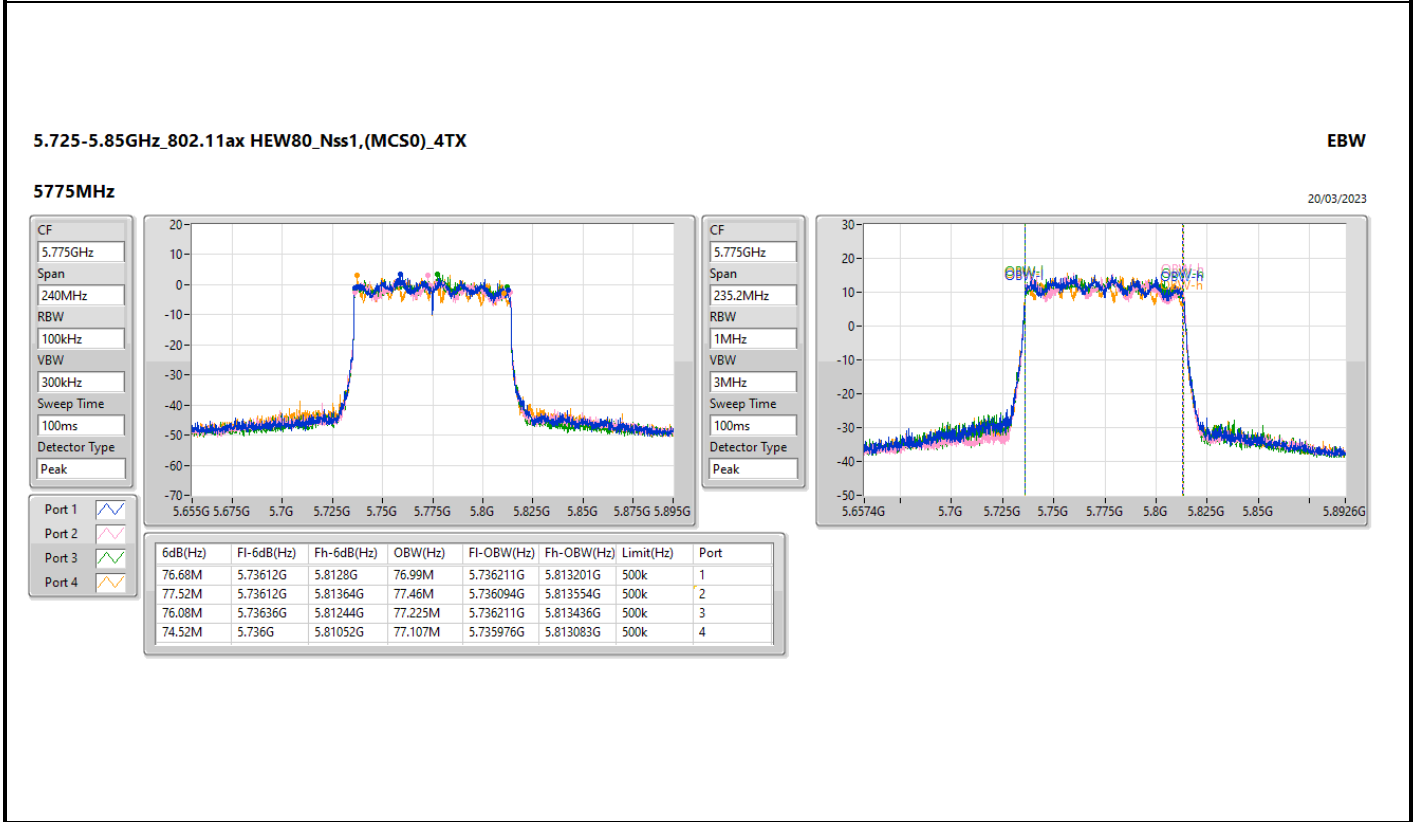
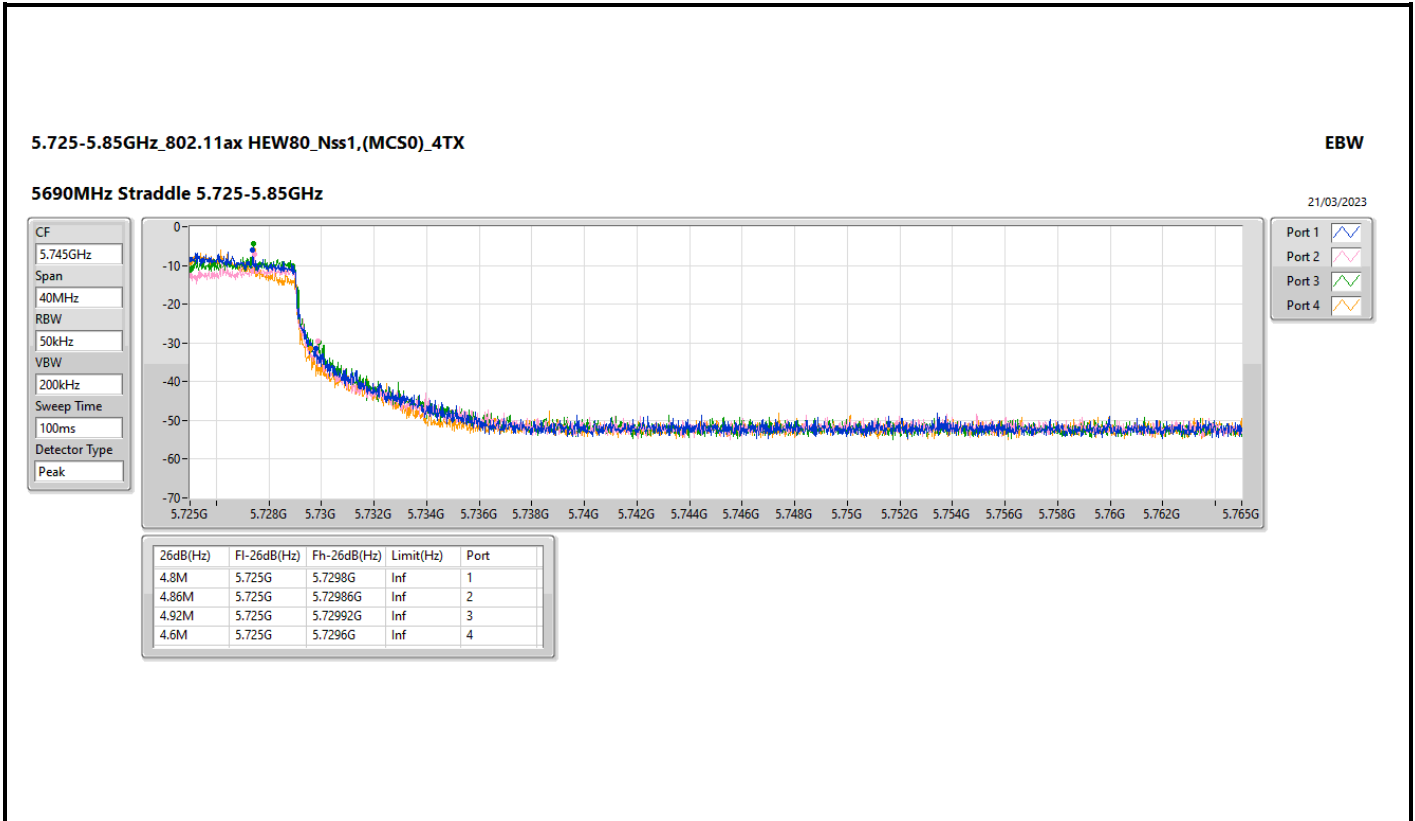
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

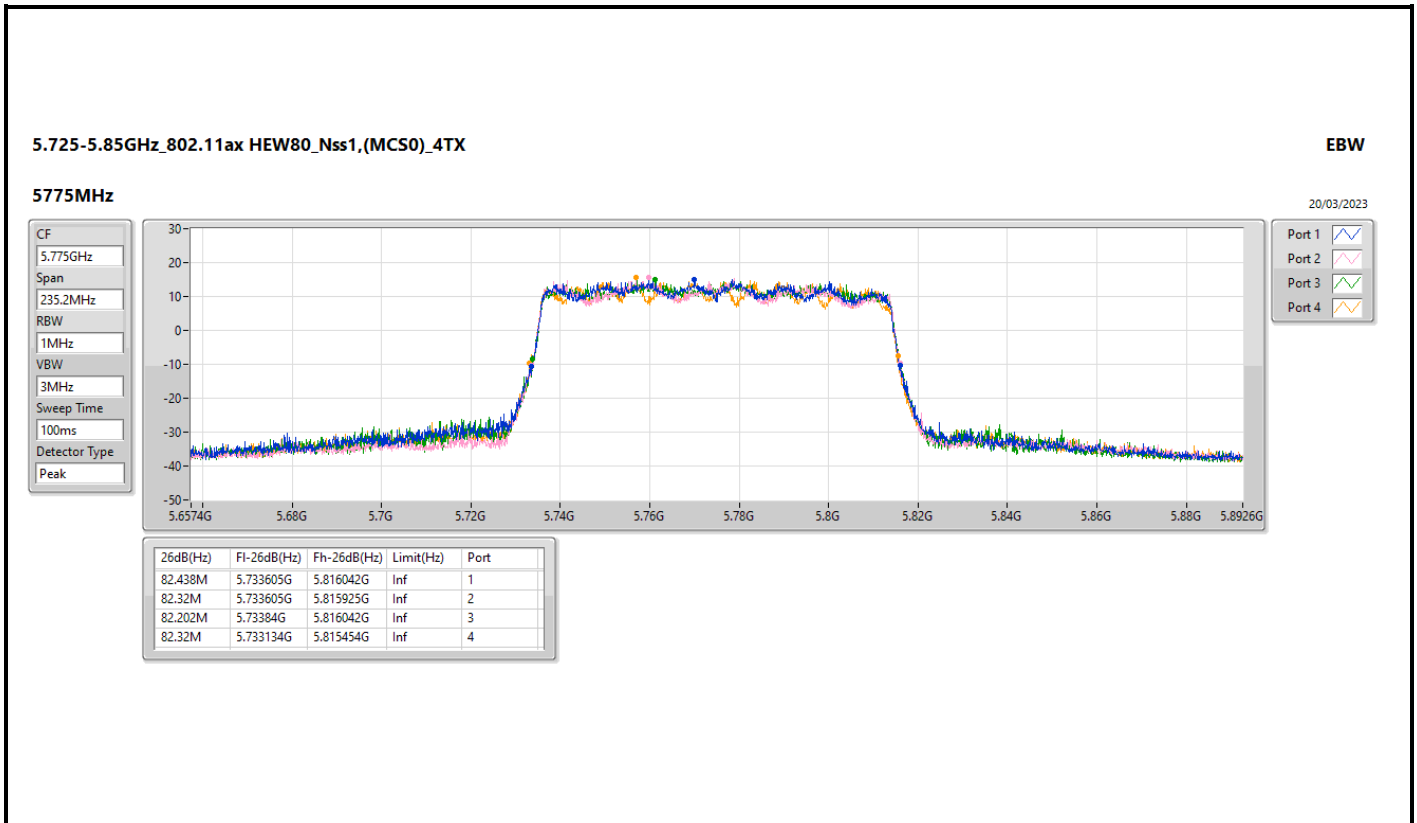
EBW

5690MHz Straddle 5.725-5.85GHz

21/03/2023









Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.34M	16.363M	16M4D1D	19.68M	16.363M
802.11a_Nss1,(6Mbps)_2TX	20.43M	16.414M	16M4D1D	19.29M	16.337M
802.11a_Nss1,(6Mbps)_4TX	19.8M	16.388M	16M4D1D	19.05M	16.286M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.26M	18.954M	19M0D1D	21.51M	18.924M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.87M	18.983M	19M0D1D	21.18M	18.865M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.6M	18.954M	19M0D1D	21.03M	18.865M
802.11ax HEW40_Nss1,(MCS0)_1TX	42.06M	37.848M	37M8D1D	41.04M	37.79M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.16M	37.731M	37M7D1D	40.56M	37.672M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.28M	37.848M	37M8D1D	40.56M	37.554M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.107M	77M1D1D	82.32M	77.107M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.08M	77.107M	77M1D1D	81.96M	76.99M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.225M	77M2D1D	81.36M	76.872M

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.68M	16.363M	-	-	-	-	-	-
5200MHz	Pass	Inf	20.04M	16.363M	-	-	-	-	-	-
5240MHz	Pass	Inf	20.34M	16.363M	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.51M	18.924M	-	-	-	-	-	-
5200MHz	Pass	Inf	21.66M	18.924M	-	-	-	-	-	-
5240MHz	Pass	Inf	22.26M	18.954M	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.04M	37.79M	-	-	-	-	-	-
5230MHz	Pass	Inf	42.06M	37.848M	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.107M	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.53M	16.388M	19.29M	16.363M	-	-	-	-
5200MHz	Pass	Inf	20.07M	16.414M	19.71M	16.414M	-	-	-	-
5240MHz	Pass	Inf	20.43M	16.337M	19.86M	16.388M	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.24M	18.895M	21.42M	18.895M	-	-	-	-
5200MHz	Pass	Inf	21.87M	18.983M	21.75M	18.954M	-	-	-	-
5240MHz	Pass	Inf	21.18M	18.865M	21.51M	18.895M	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.56M	37.672M	40.62M	37.731M	-	-	-	-
5230MHz	Pass	Inf	41.1M	37.731M	41.16M	37.731M	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.08M	77.107M	81.96M	76.99M	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.8M	16.388M	19.38M	16.337M	19.29M	16.312M	19.44M	16.388M
5200MHz	Pass	Inf	19.05M	16.286M	19.08M	16.312M	19.5M	16.337M	19.38M	16.363M
5240MHz	Pass	Inf	19.47M	16.388M	19.44M	16.388M	19.35M	16.363M	19.35M	16.337M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.15M	18.865M	21.21M	18.865M	21.6M	18.954M	21.57M	18.924M
5200MHz	Pass	Inf	21.6M	18.924M	21.09M	18.924M	21.42M	18.895M	21.48M	18.924M
5240MHz	Pass	Inf	21.03M	18.924M	21.3M	18.954M	21.36M	18.924M	21.24M	18.865M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.98M	37.672M	40.68M	37.79M	41.28M	37.731M	40.86M	37.848M
5230MHz	Pass	Inf	40.56M	37.554M	40.62M	37.731M	40.8M	37.731M	40.86M	37.731M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	76.872M	81.36M	76.99M	82.08M	77.107M	82.56M	77.225M

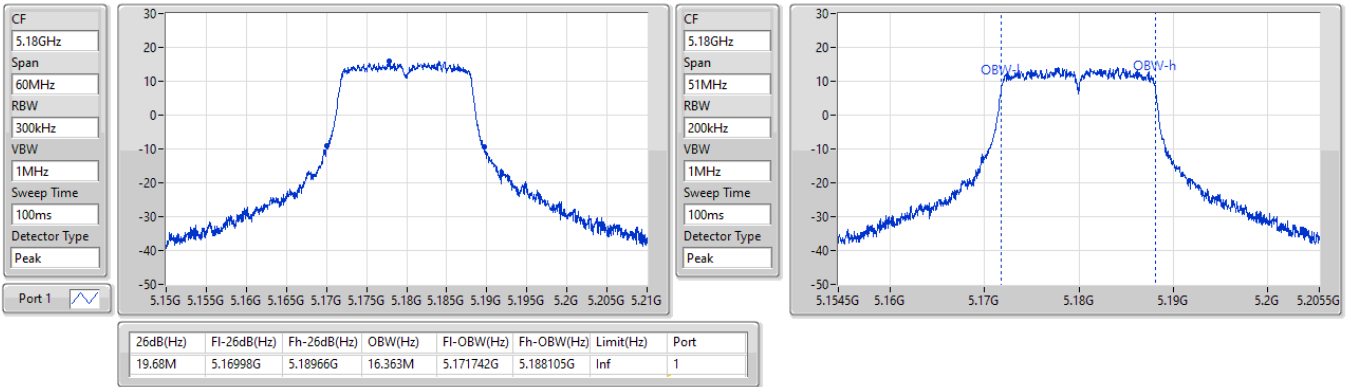
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

18/03/2023

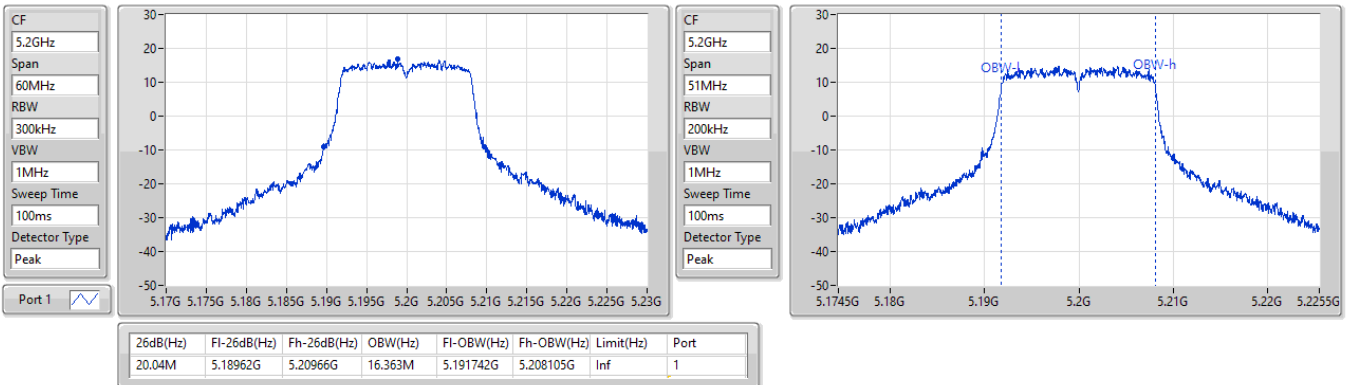


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

18/03/2023

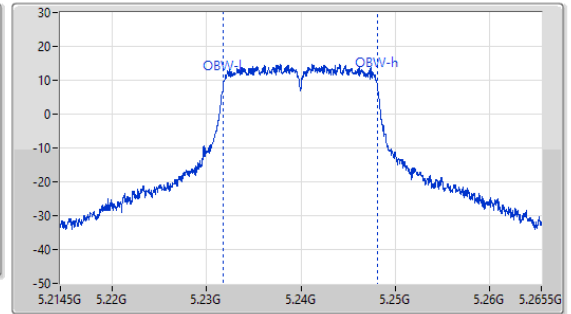
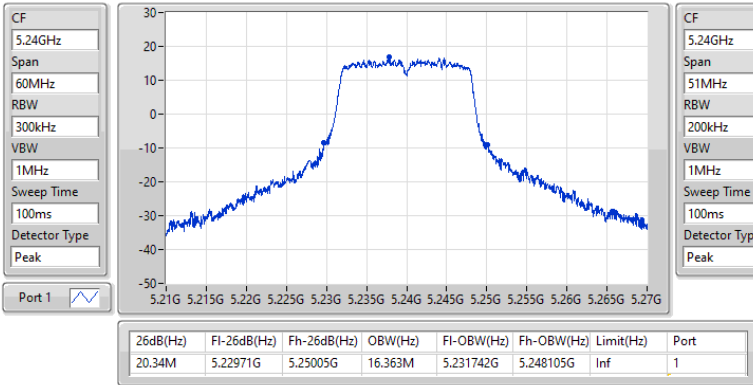


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

18/03/2023

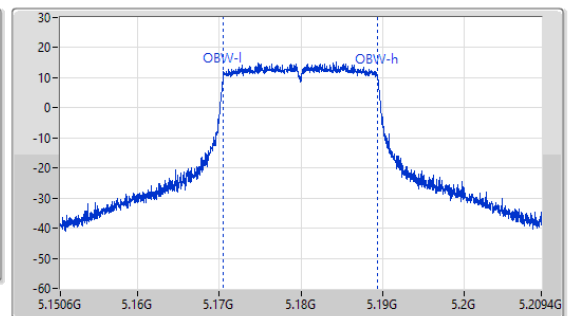
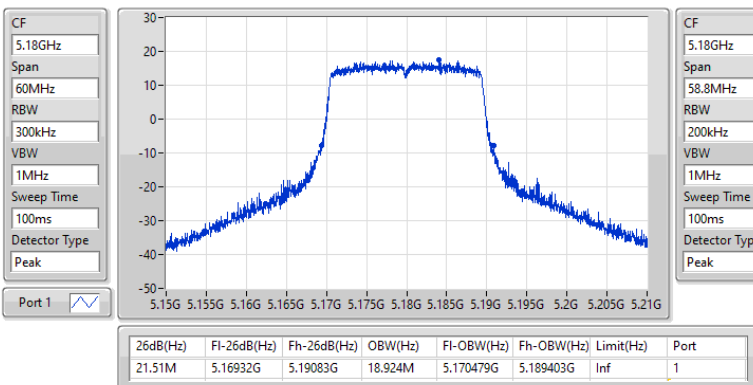


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

18/03/2023

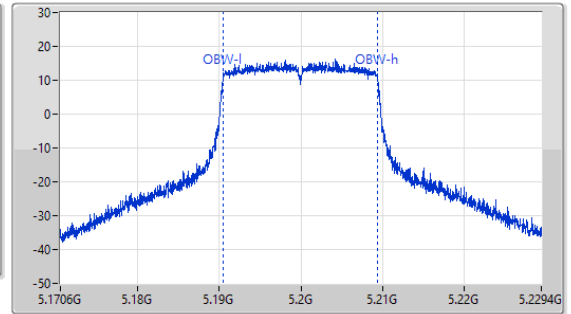
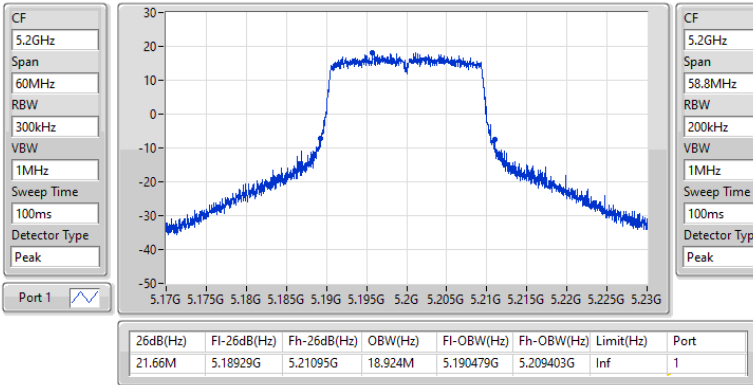


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

18/03/2023

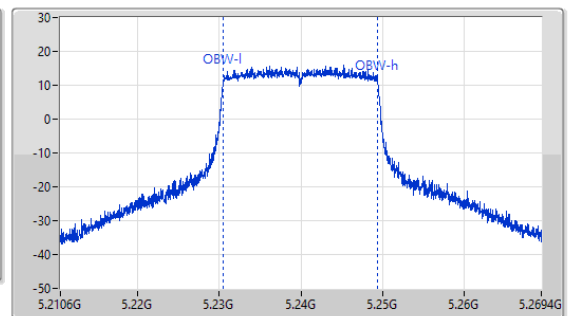
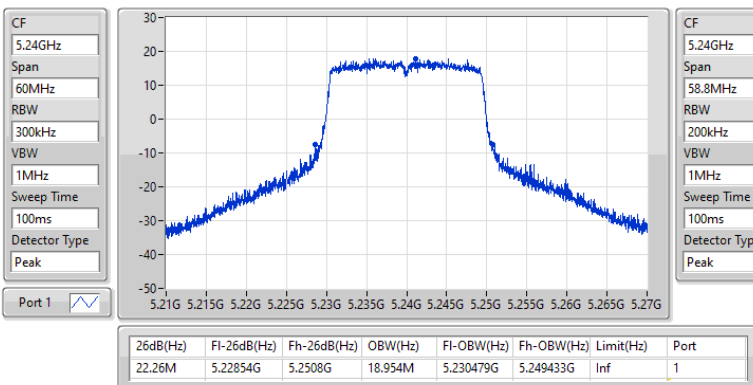


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

18/03/2023



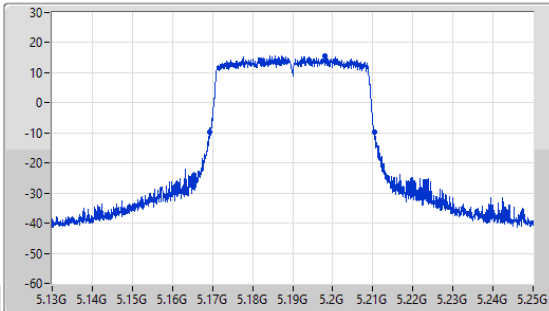
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

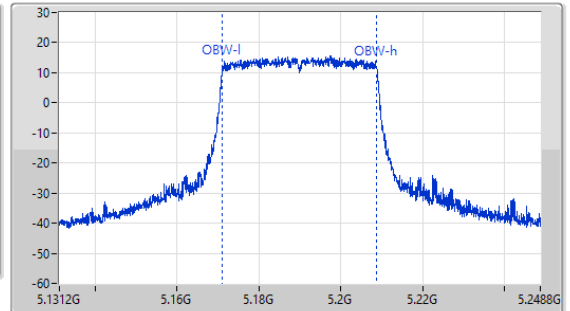
5190MHz

18/03/2023

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



CF
5.19GHz
Span
117.6MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.16936G	5.2104G	37.79M	5.171076G	5.208865G	Inf	1

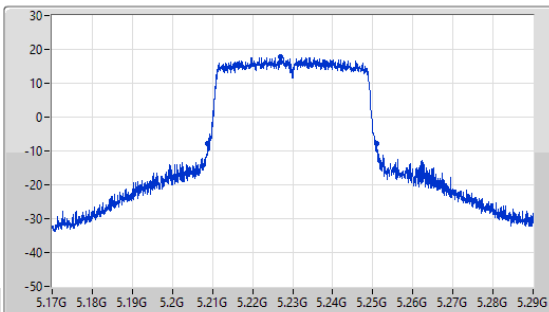
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

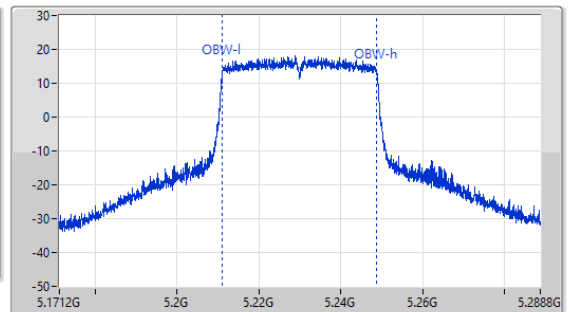
5230MHz

18/03/2023

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



CF
5.23GHz
Span
117.6MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



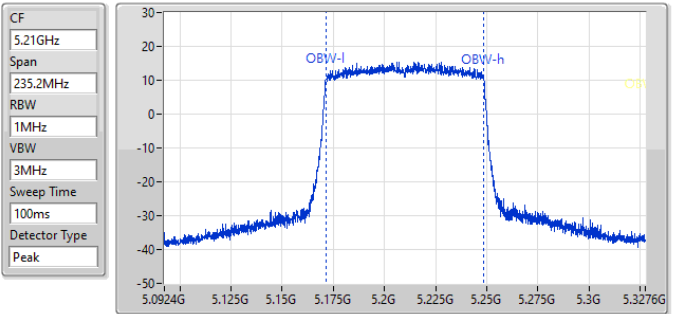
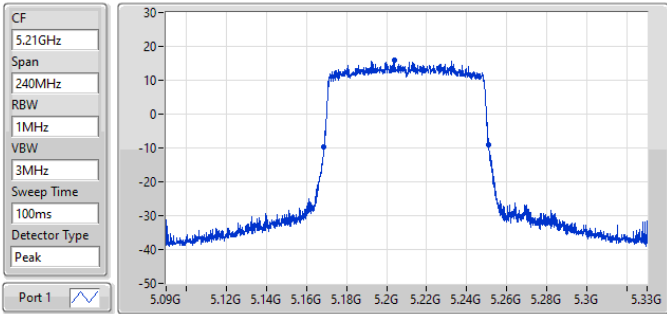
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.06M	5.20888G	5.25094G	37.848M	5.211017G	5.248865G	Inf	1

5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

18/03/2023



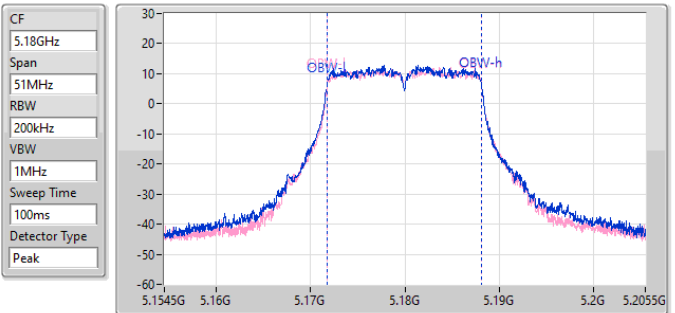
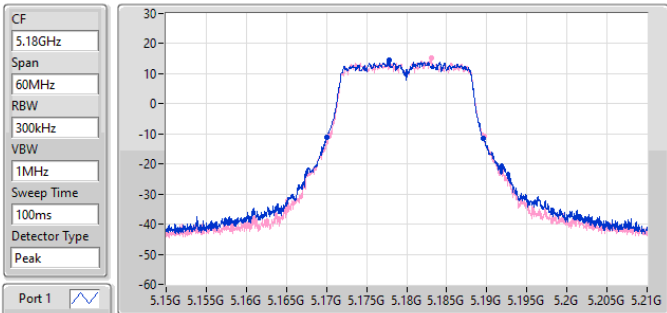
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.16872G	5.25104G	77.107M	5.171446G	5.248554G	Inf	1

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

18/03/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.17001G	5.18954G	16.388M	5.171717G	5.188105G	Inf	1
19.29M	5.17034G	5.18963G	16.363M	5.171768G	5.18813G	Inf	2

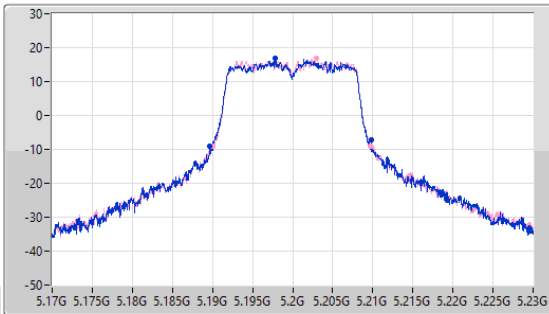
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

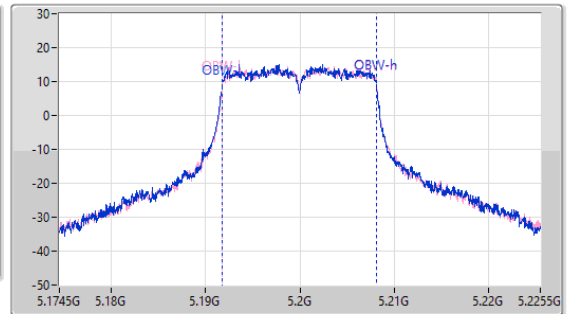
5200MHz

18/03/2023

CF: 5.2GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.2GHz
 Span: 51MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1: [Waveform icon]
 Port 2: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.07M	5.18971G	5.20978G	16.414M	5.191717G	5.20813G	Inf	1
19.71M	5.18998G	5.20969G	16.414M	5.191742G	5.208156G	Inf	2

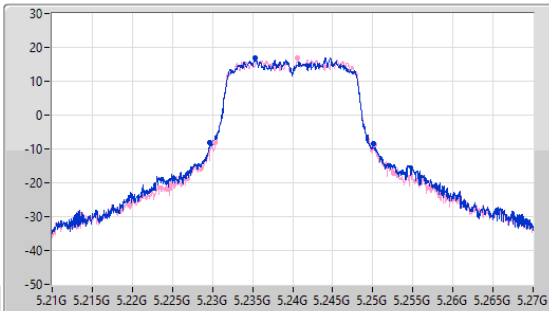
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

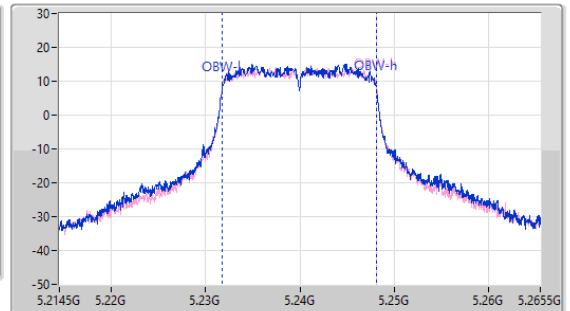
5240MHz

18/03/2023

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



CF: 5.24GHz
 Span: 51MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1: [Waveform icon]
 Port 2: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.22965G	5.25008G	16.337M	5.231768G	5.248105G	Inf	1
19.86M	5.23031G	5.25017G	16.388M	5.231742G	5.24813G	Inf	2

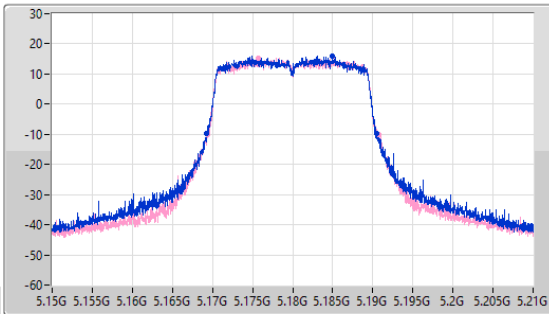
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

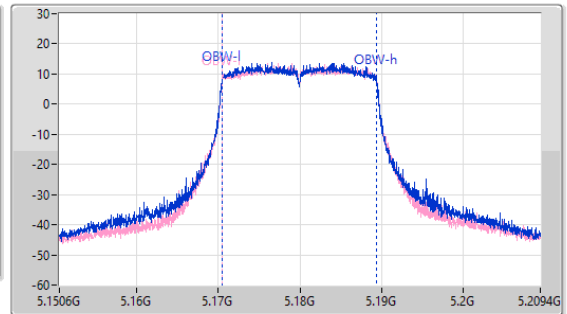
5180MHz

18/03/2023

CF: 5.18GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



CF: 5.18GHz
 Span: 58.8MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.16929G	5.19053G	18.895M	5.170479G	5.189374G	Inf	1
21.42M	5.16935G	5.19077G	18.895M	5.170509G	5.189403G	Inf	2

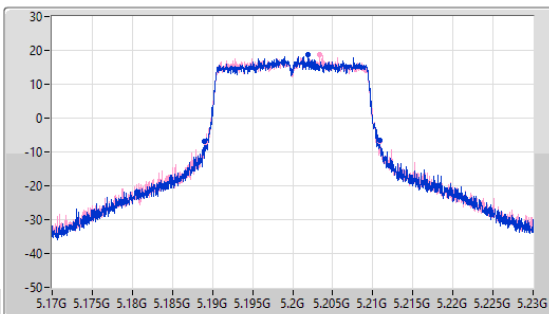
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

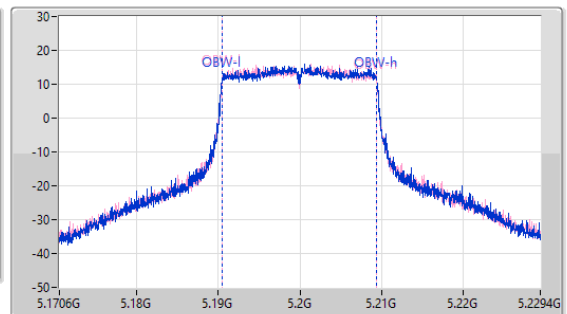
5200MHz

18/03/2023

CF: 5.2GHz
 Span: 60MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



CF: 5.2GHz
 Span: 58.8MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.18899G	5.21086G	18.983M	5.19045G	5.209433G	Inf	1
21.75M	5.18911G	5.21086G	18.954M	5.190479G	5.209433G	Inf	2

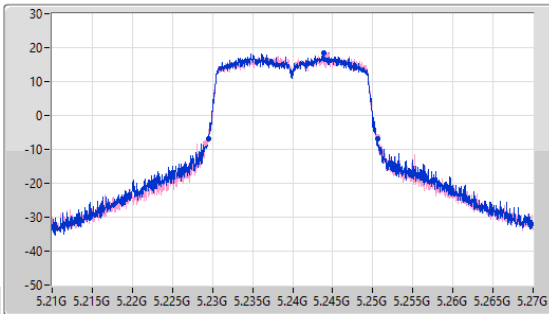
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

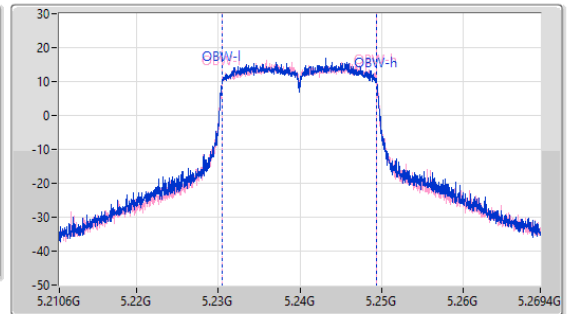
5240MHz

18/03/2023

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



CF: 5.24GHz
 Span: 58.8MHz
 RBW: 200kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1: [Waveform icon]
 Port 2: [Waveform icon]

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.22947G	5.25065G	18.865M	5.230509G	5.249374G	Inf	1
21.51M	5.22911G	5.25062G	18.895M	5.230509G	5.249403G	Inf	2

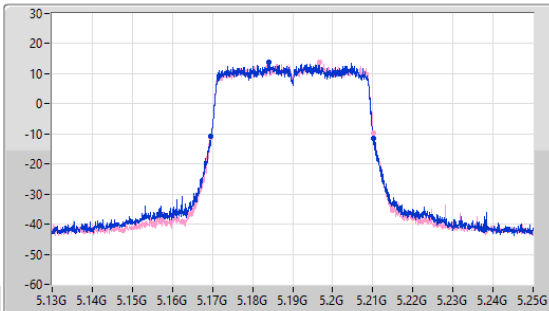
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

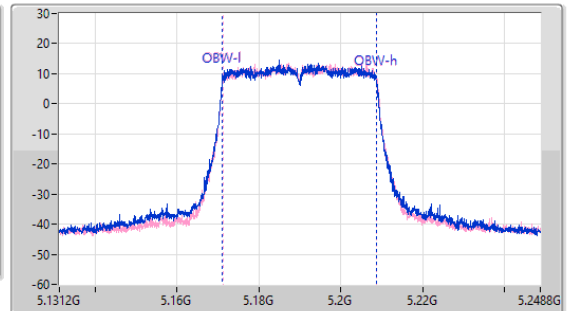
5190MHz

18/03/2023

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



CF: 5.19GHz
 Span: 117.6MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



Port 1: [Waveform icon]
 Port 2: [Waveform icon]

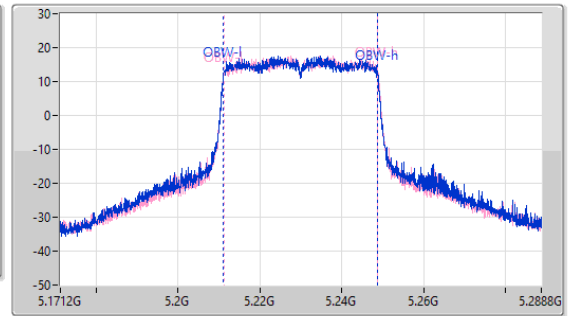
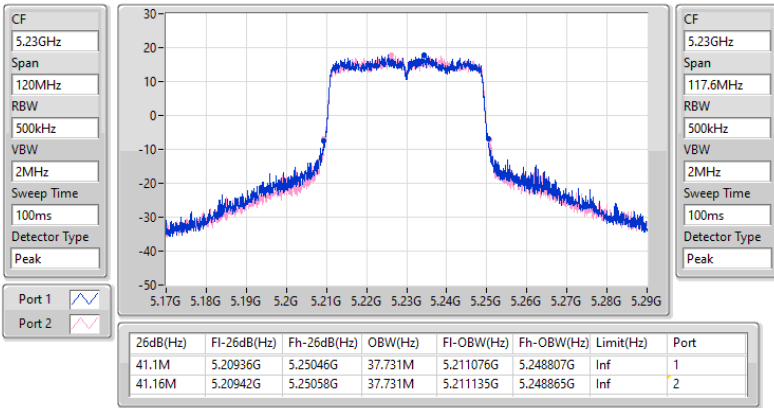
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.1696G	5.21016G	37.672M	5.171076G	5.208748G	Inf	1
40.62M	5.16966G	5.21028G	37.731M	5.171135G	5.208865G	Inf	2

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

19/03/2023

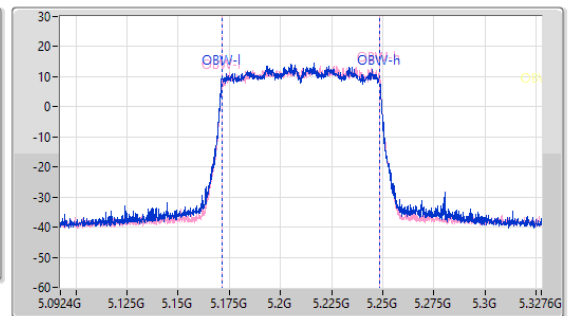
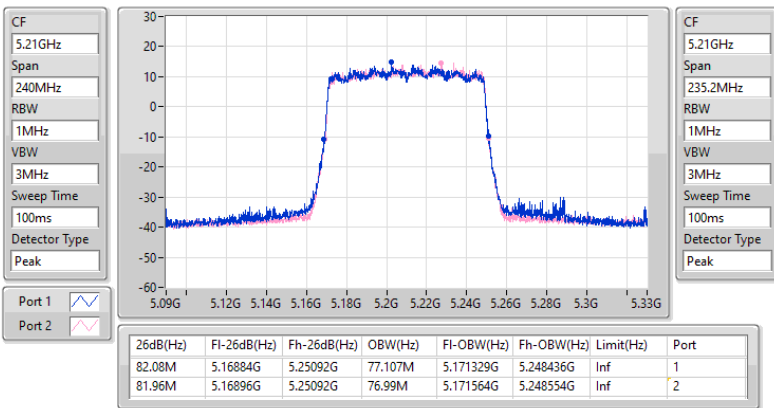


5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

18/03/2023

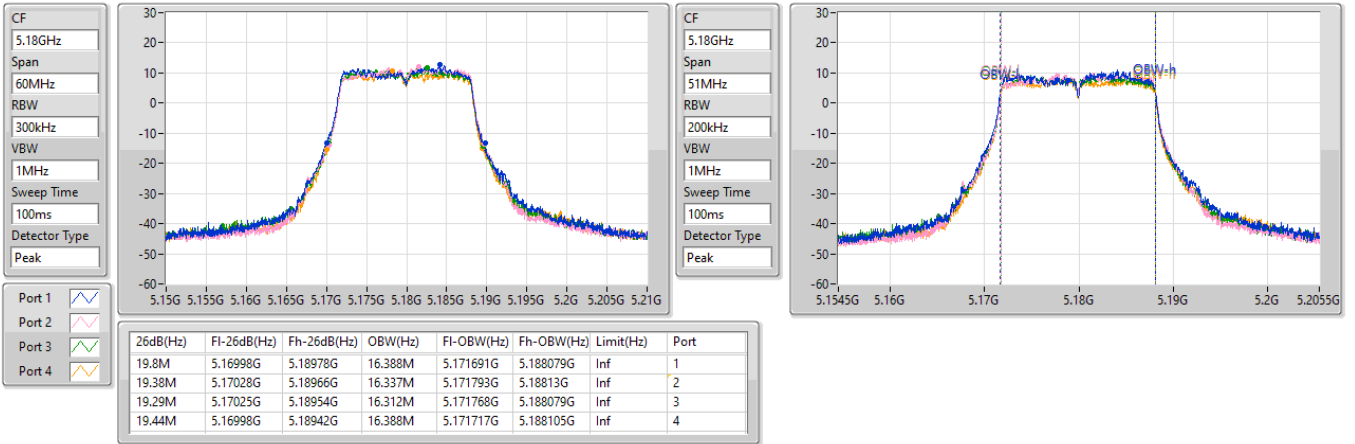


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

20/03/2023

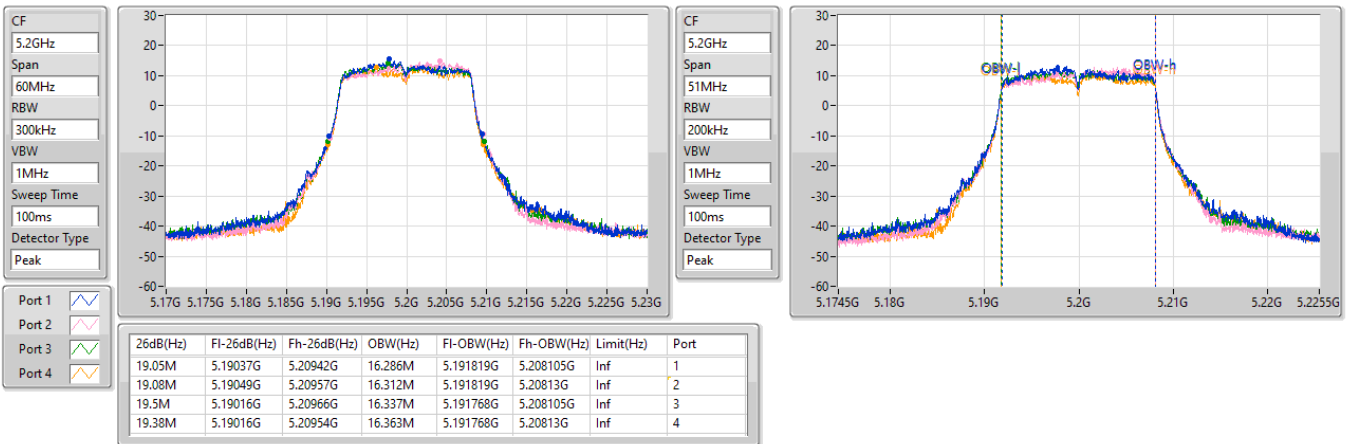


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

20/03/2023

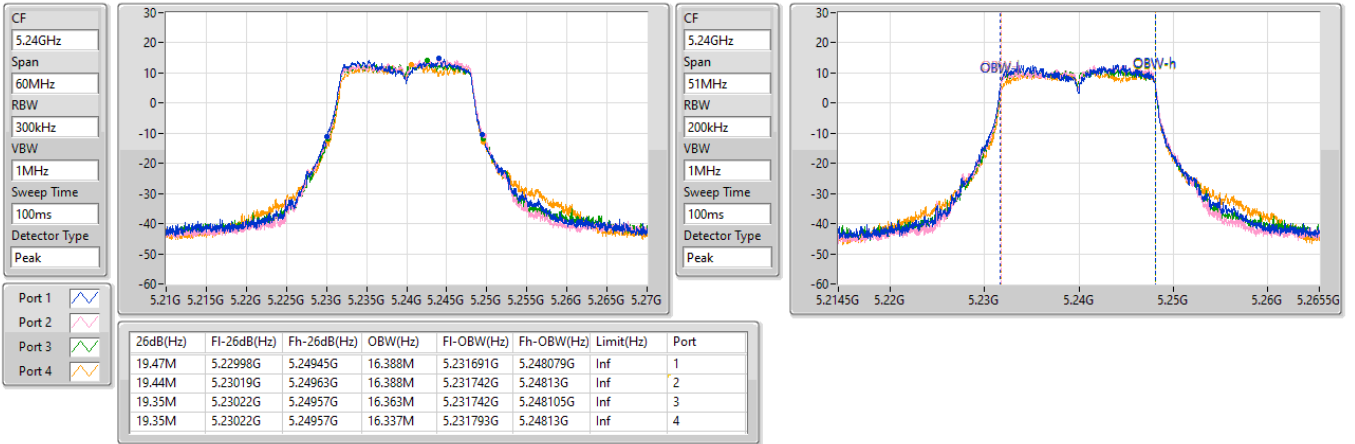


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

20/03/2023

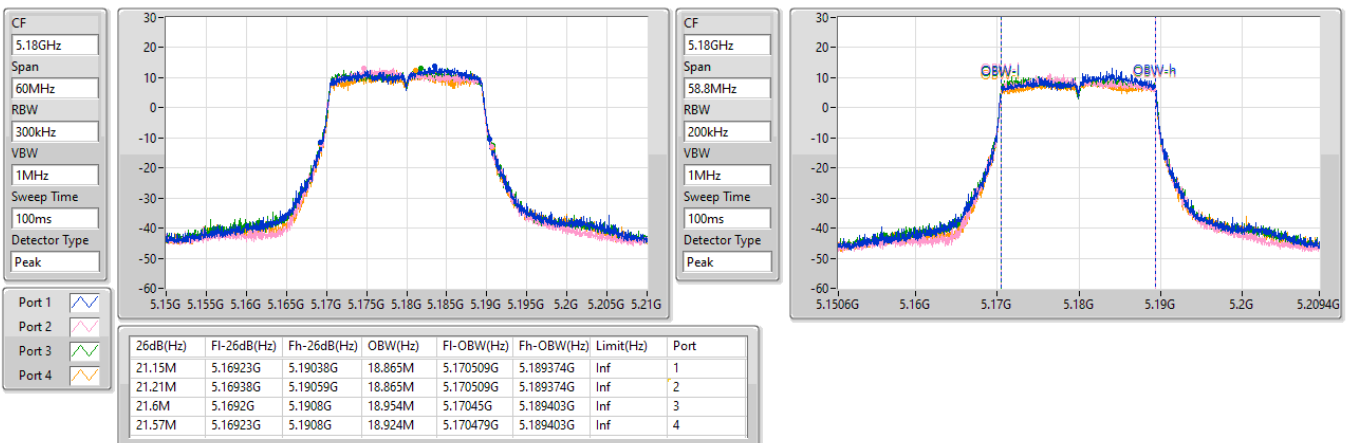


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

20/03/2023

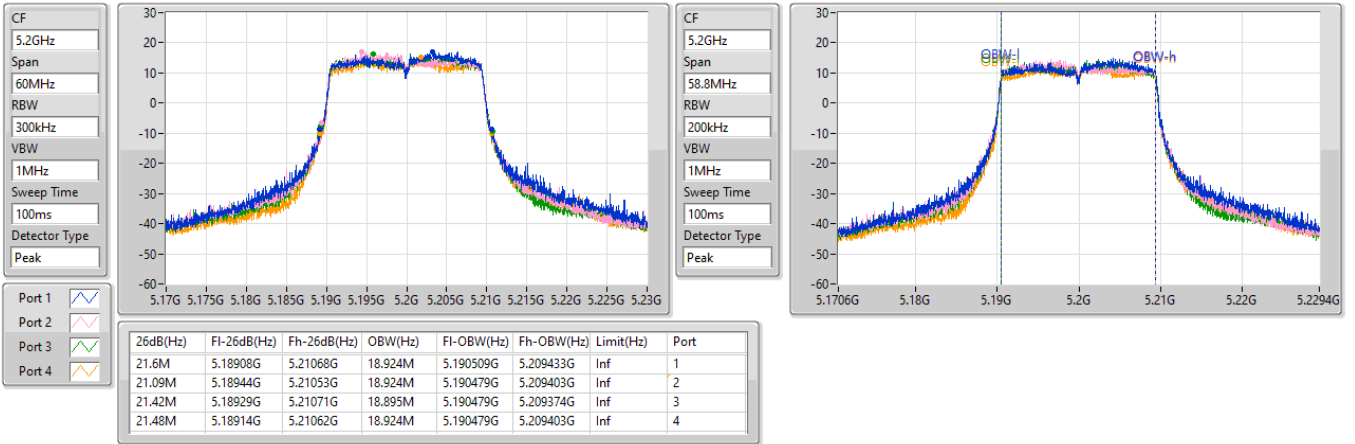


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

20/03/2023

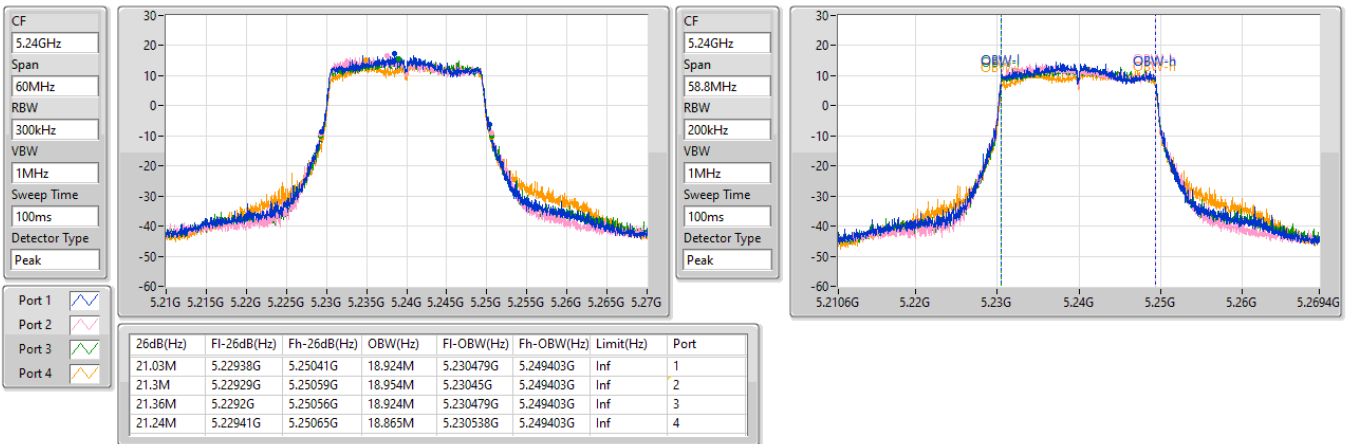


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

20/03/2023



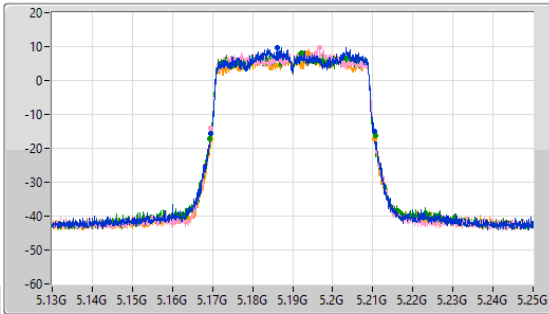
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

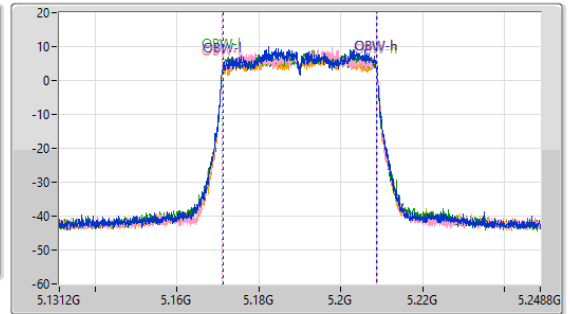
5190MHz

20/03/2023

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



CF: 5.19GHz
 Span: 117.6MHz
 RBW: 500kHz
 VBW: 2MHz
 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
40.98M	5.16948G	5.21046G	37.672M	5.171135G	5.208807G	Inf	1
40.68M	5.16966G	5.21034G	37.79M	5.171076G	5.208865G	Inf	2
41.28M	5.1693G	5.21058G	37.731M	5.171076G	5.208807G	Inf	3
40.86M	5.16966G	5.21052G	37.848M	5.171076G	5.208924G	Inf	4

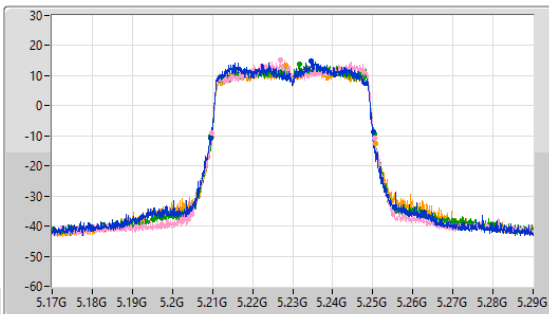
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

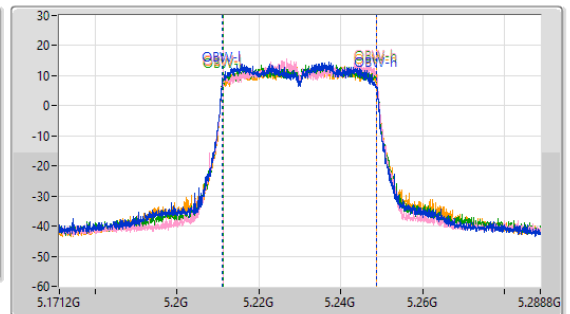
5230MHz

20/03/2023

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

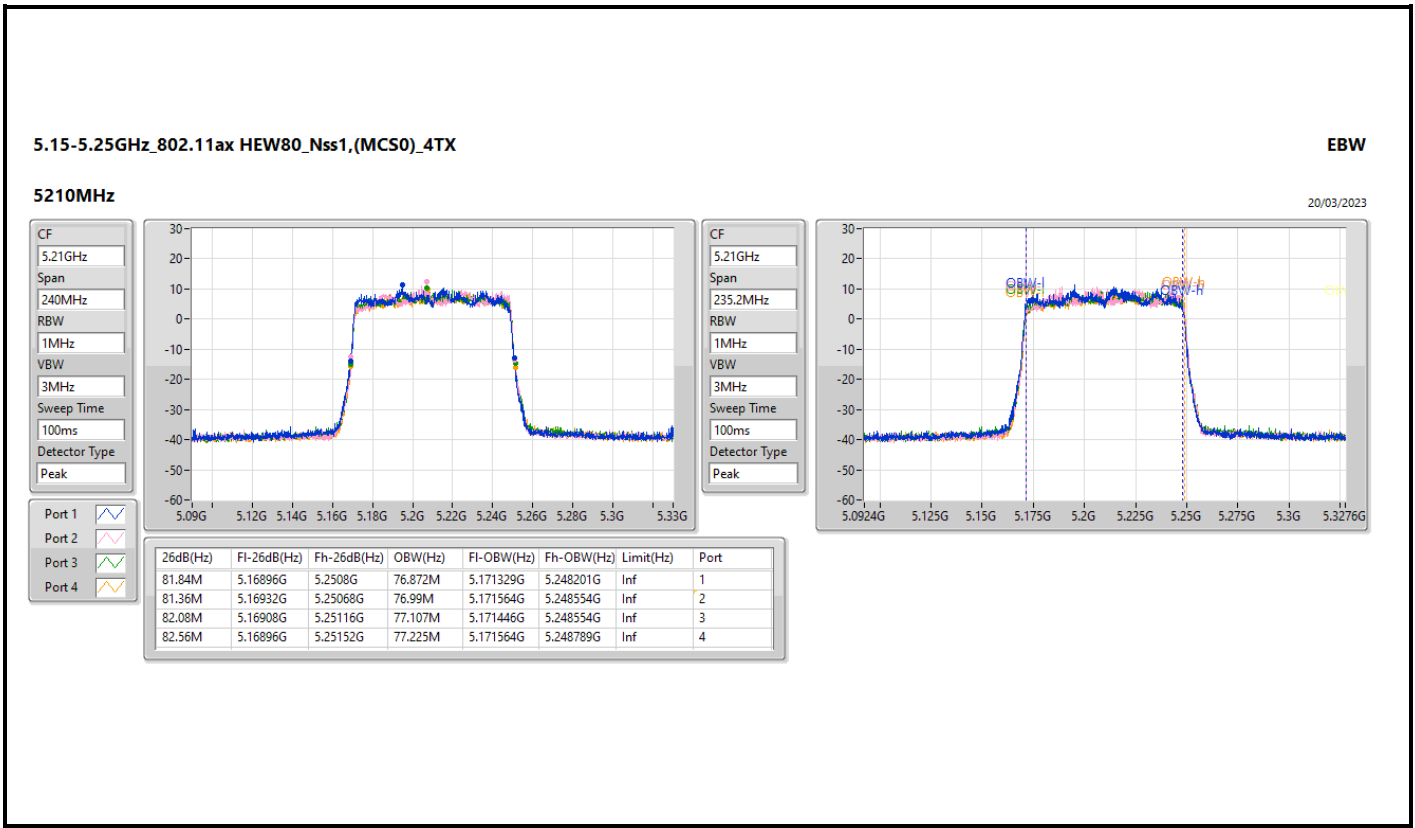


CF: 5.23GHz
 Span: 117.6MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



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
40.56M	5.20954G	5.2501G	37.554M	5.211076G	5.24863G	Inf	1
40.62M	5.20944G	5.25046G	37.731M	5.211135G	5.248865G	Inf	2
40.8M	5.20966G	5.25046G	37.731M	5.211135G	5.248865G	Inf	3
40.86M	5.20978G	5.25064G	37.731M	5.211135G	5.248865G	Inf	4





EBW_Radio 3 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix B.3

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.68M	16.312M	16M3D1D	19.29M	16.286M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.24M	18.895M	18M9D1D	20.97M	18.865M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.8M	37.731M	37M7D1D	40.5M	37.613M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.225M	77M2D1D	82.32M	77.225M
802.11ax HEW160_Nss1,(MCS0)_1TX	83.36M	77.721M	77M7D1D	83.36M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.29M	16.312M	16M3D1D	19.2M	16.286M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.3M	18.865M	18M9D1D	20.88M	18.836M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.62M	37.672M	37M7D1D	40.62M	37.672M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.107M	77M1D1D	82.32M	77.107M
802.11ax HEW160_Nss1,(MCS0)_1TX	83.6M	77.561M	77M6D1D	83.6M	77.561M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.71M	16.312M	16M3D1D	15.135M	13.223M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.36M	18.865M	18M9D1D	15.675M	14.483M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.74M	37.731M	37M7D1D	35.525M	33.723M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.8M	77.225M	77M2D1D	76.05M	73.163M
802.11ax HEW160_Nss1,(MCS0)_1TX	166.56M	155.154M	155MD1D	166.56M	155.154M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.02M	16.337M	16M3D1D	3.08M	3.378M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.51M	18.895M	18M9D1D	4.4M	4.518M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.68M	37.79M	37M8D1D	3.94M	4.098M
802.11ax HEW80_Nss1,(MCS0)_1TX	77.52M	77.107M	77M1D1D	4.02M	6.937M

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



EBW_Radio 3 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix B.3

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	19.29M	16.286M
5200MHz	Pass	Inf	19.68M	16.312M
5240MHz	Pass	Inf	19.68M	16.312M
5260MHz	Pass	Inf	19.29M	16.286M
5300MHz	Pass	Inf	19.2M	16.312M
5320MHz	Pass	Inf	19.23M	16.286M
5500MHz	Pass	Inf	19.71M	16.312M
5580MHz	Pass	Inf	19.68M	16.312M
5700MHz	Pass	Inf	19.53M	16.312M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.135M	13.223M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.378M
5745MHz	Pass	500k	15.75M	16.312M
5785MHz	Pass	500k	16.02M	16.312M
5825MHz	Pass	500k	15.78M	16.337M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.97M	18.865M
5200MHz	Pass	Inf	20.97M	18.895M
5240MHz	Pass	Inf	21.24M	18.895M
5260MHz	Pass	Inf	21.15M	18.836M
5300MHz	Pass	Inf	21.3M	18.865M
5320MHz	Pass	Inf	20.88M	18.865M
5500MHz	Pass	Inf	21.36M	18.865M
5580MHz	Pass	Inf	21.27M	18.865M
5700MHz	Pass	Inf	20.97M	18.865M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.675M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	4.518M
5745MHz	Pass	500k	18.51M	18.895M
5785MHz	Pass	500k	18.39M	18.895M
5825MHz	Pass	500k	18.3M	18.895M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.613M
5230MHz	Pass	Inf	40.8M	37.731M
5270MHz	Pass	Inf	40.62M	37.672M
5310MHz	Pass	Inf	40.62M	37.672M
5510MHz	Pass	Inf	40.5M	37.613M
5550MHz	Pass	Inf	40.74M	37.731M
5670MHz	Pass	Inf	40.62M	37.672M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.525M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.098M
5755MHz	Pass	500k	37.68M	37.731M
5795MHz	Pass	500k	37.44M	37.79M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.225M
5290MHz	Pass	Inf	82.32M	77.107M
5530MHz	Pass	Inf	82.44M	76.99M
5610MHz	Pass	Inf	82.8M	77.225M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	6.937M
5775MHz	Pass	500k	77.52M	77.107M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.36M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.6M	77.561M
5570MHz	Pass	Inf	166.56M	155.154M

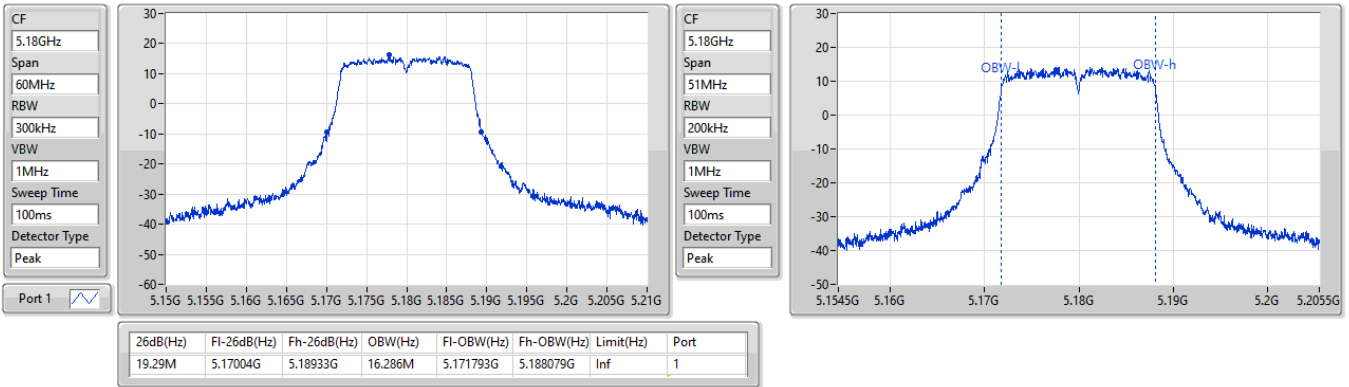
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

22/03/2023

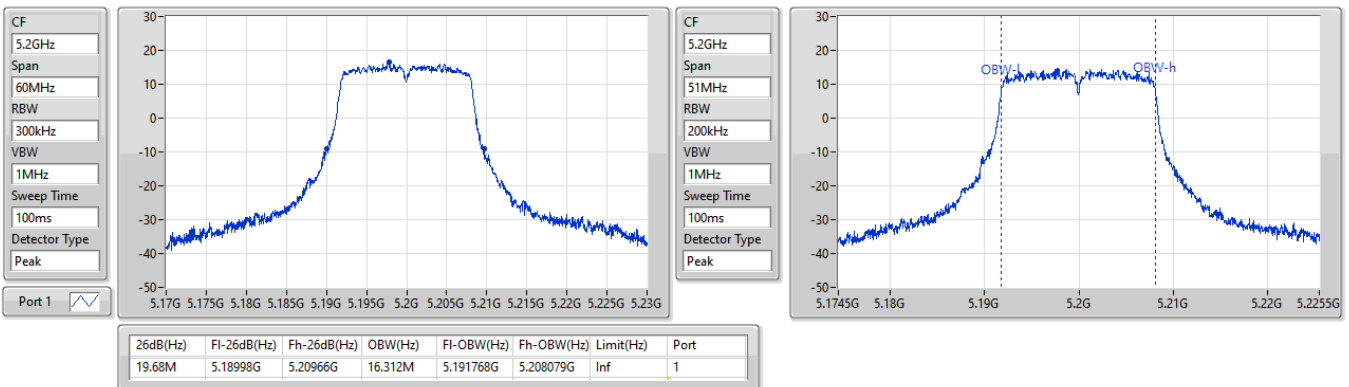


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

22/03/2023

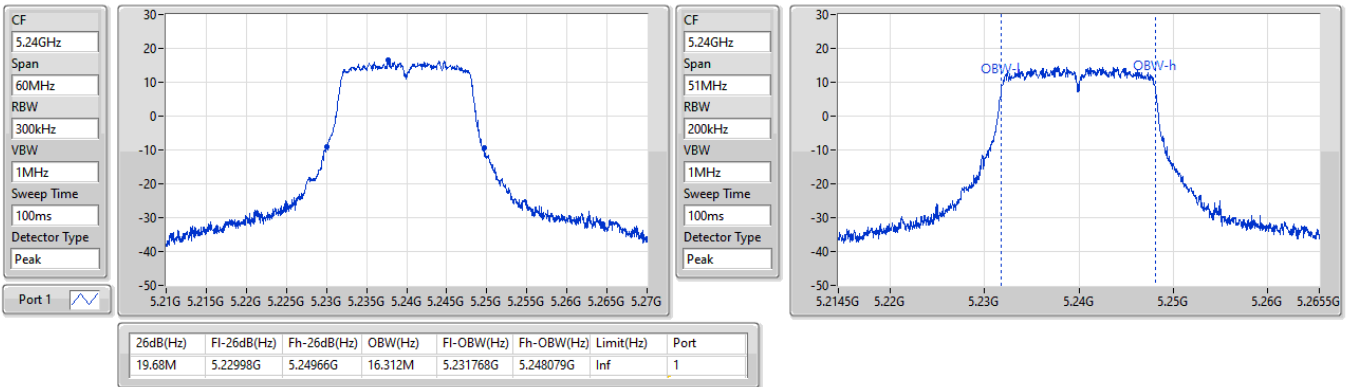


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

22/03/2023

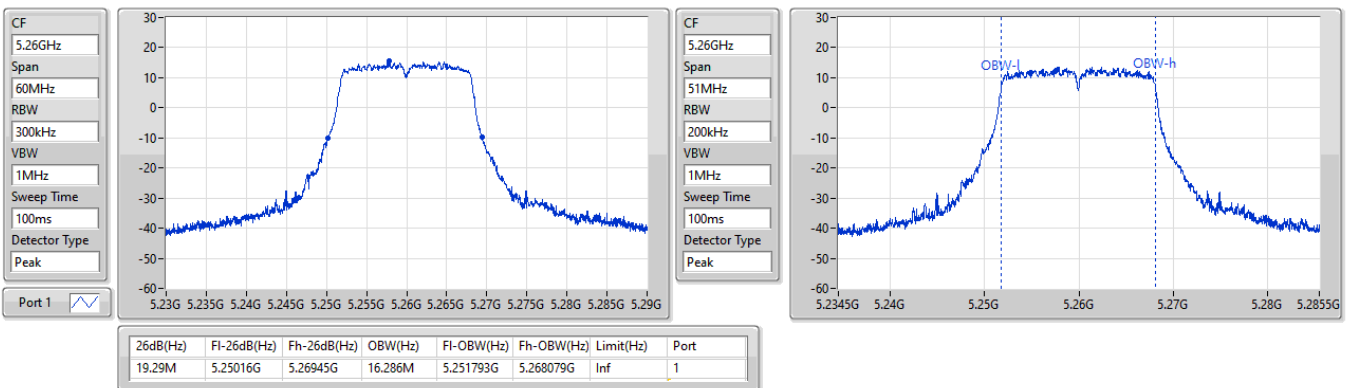


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

22/03/2023

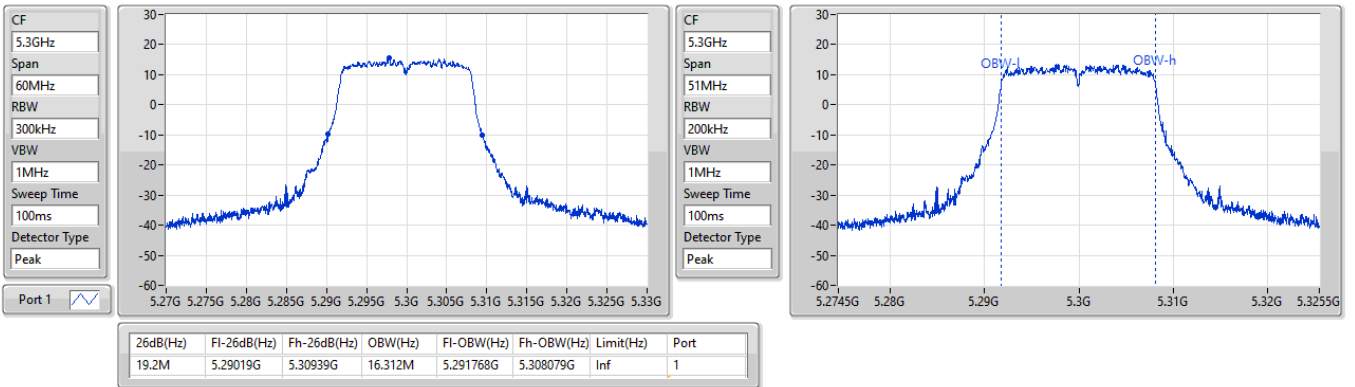


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

22/03/2023

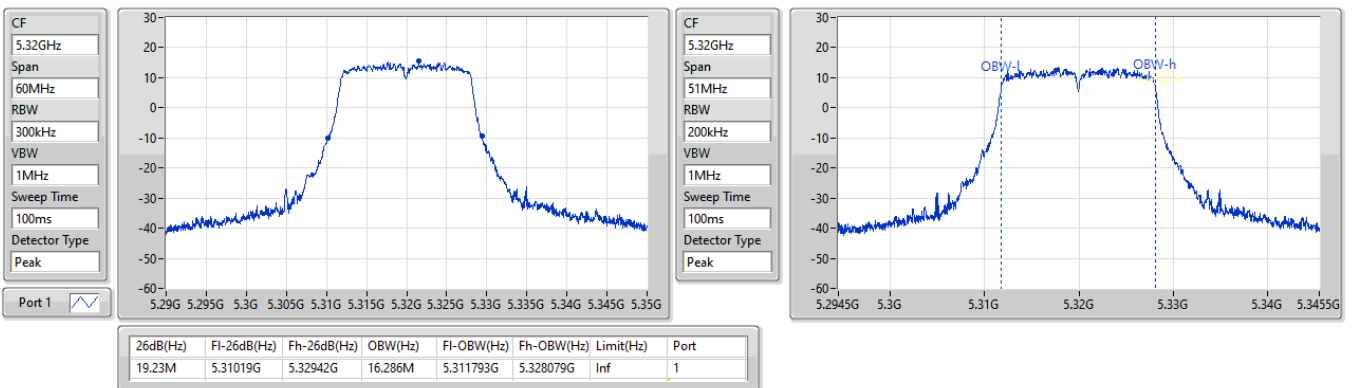


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

22/03/2023

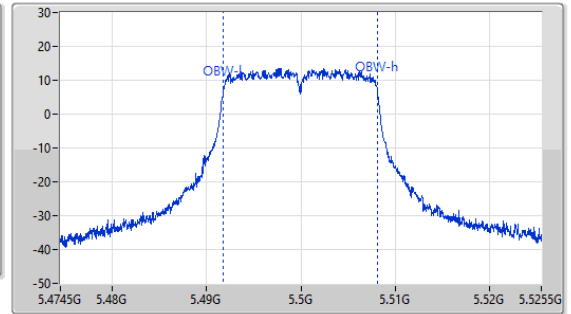
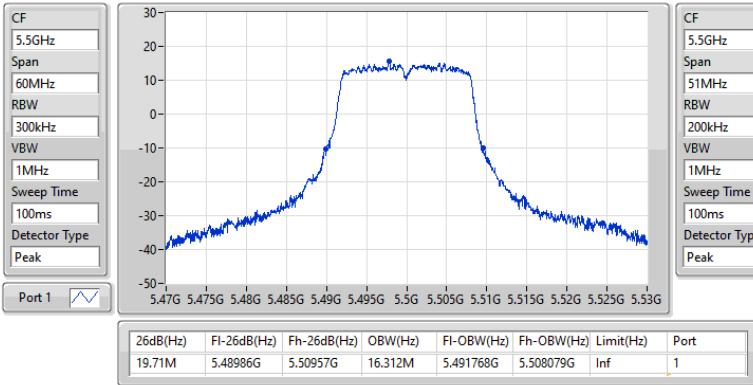


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

22/03/2023

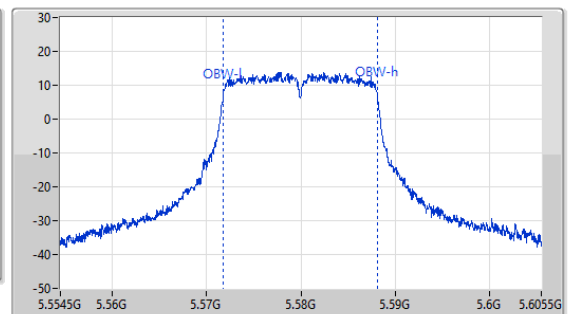
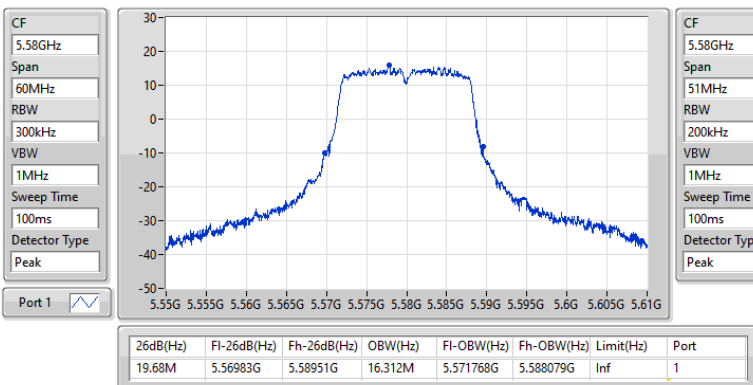


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

22/03/2023

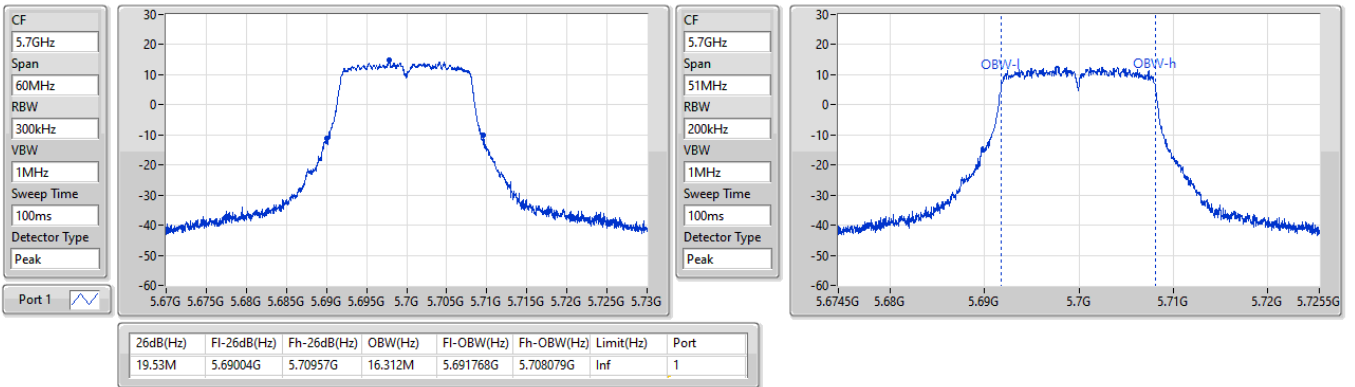


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

22/03/2023

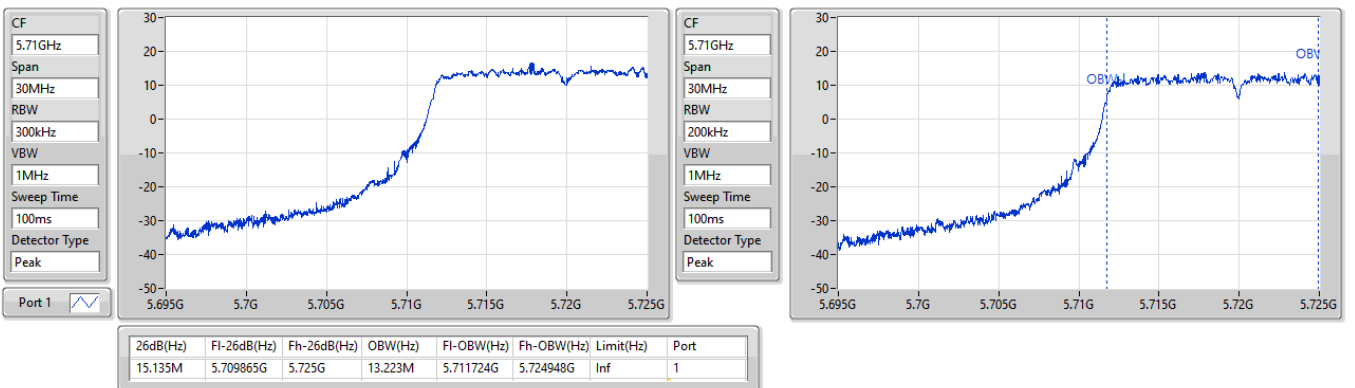


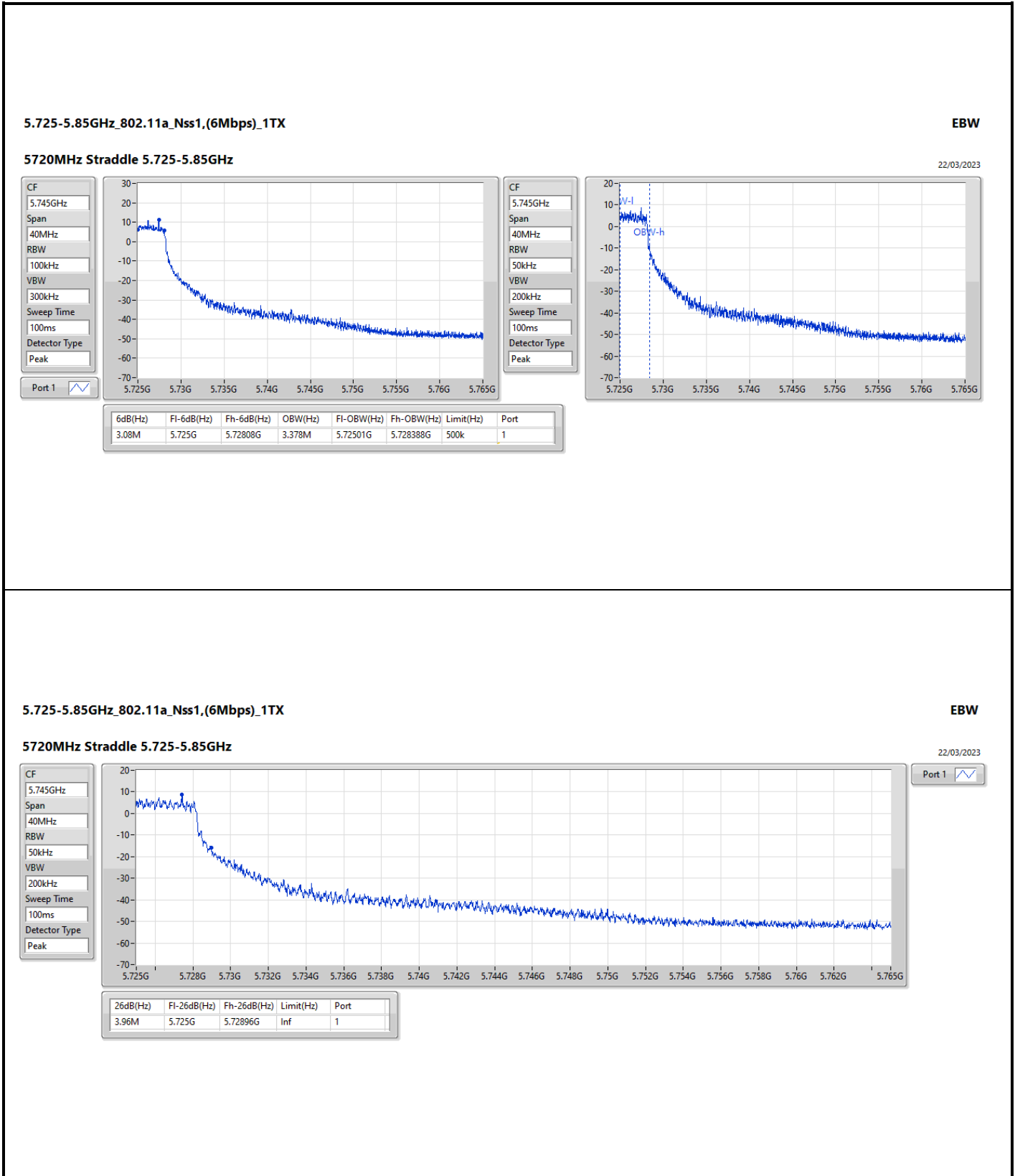
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

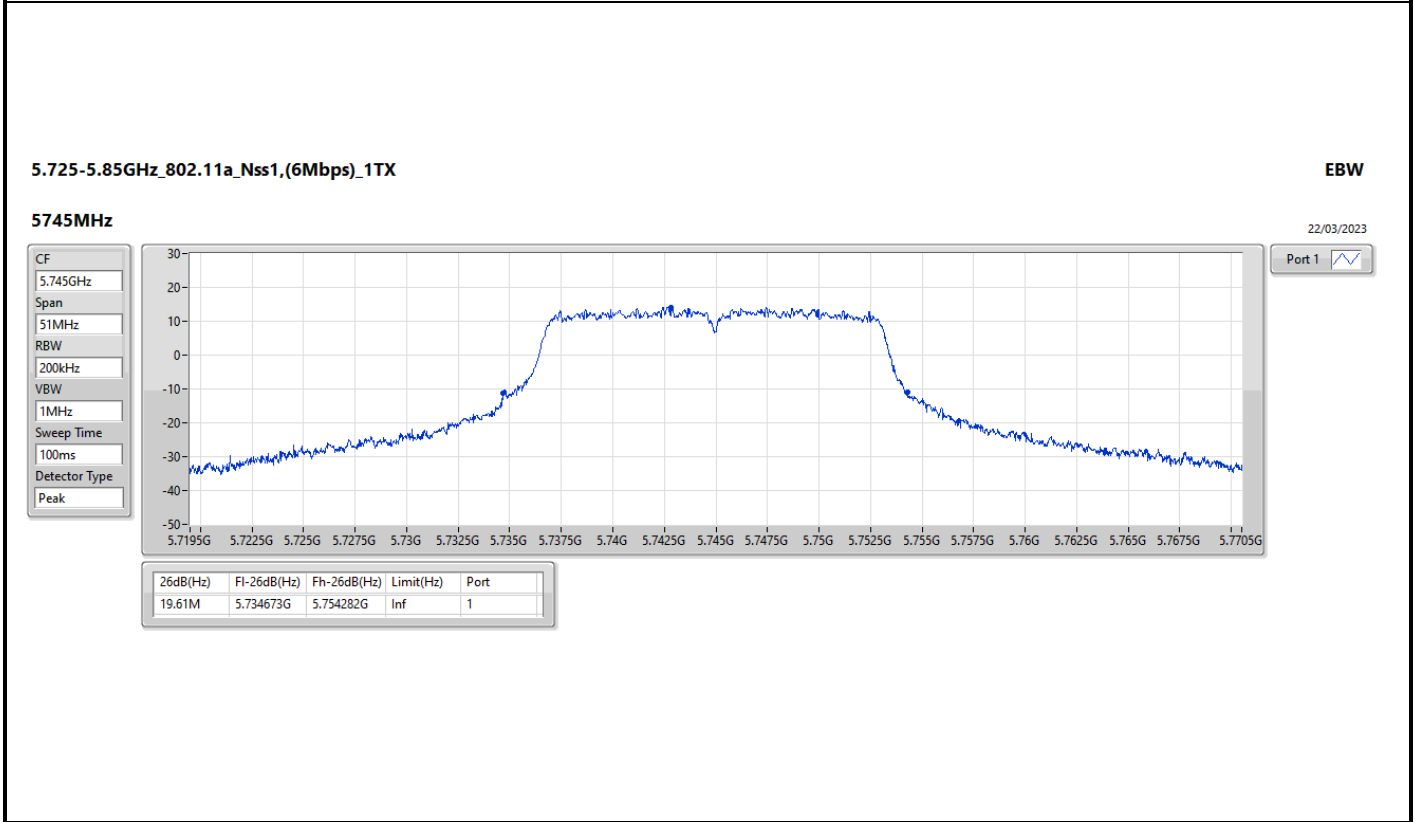
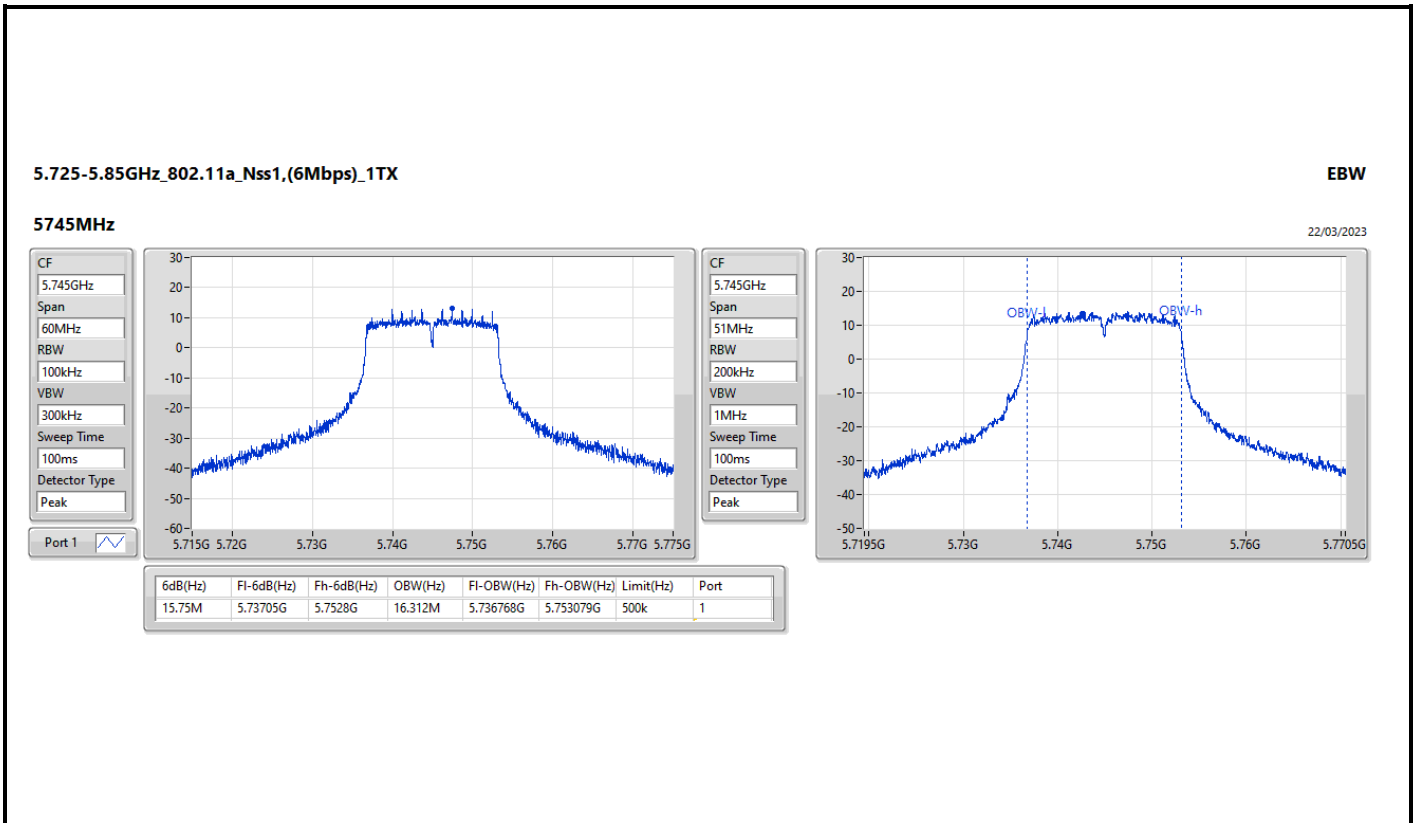
EBW

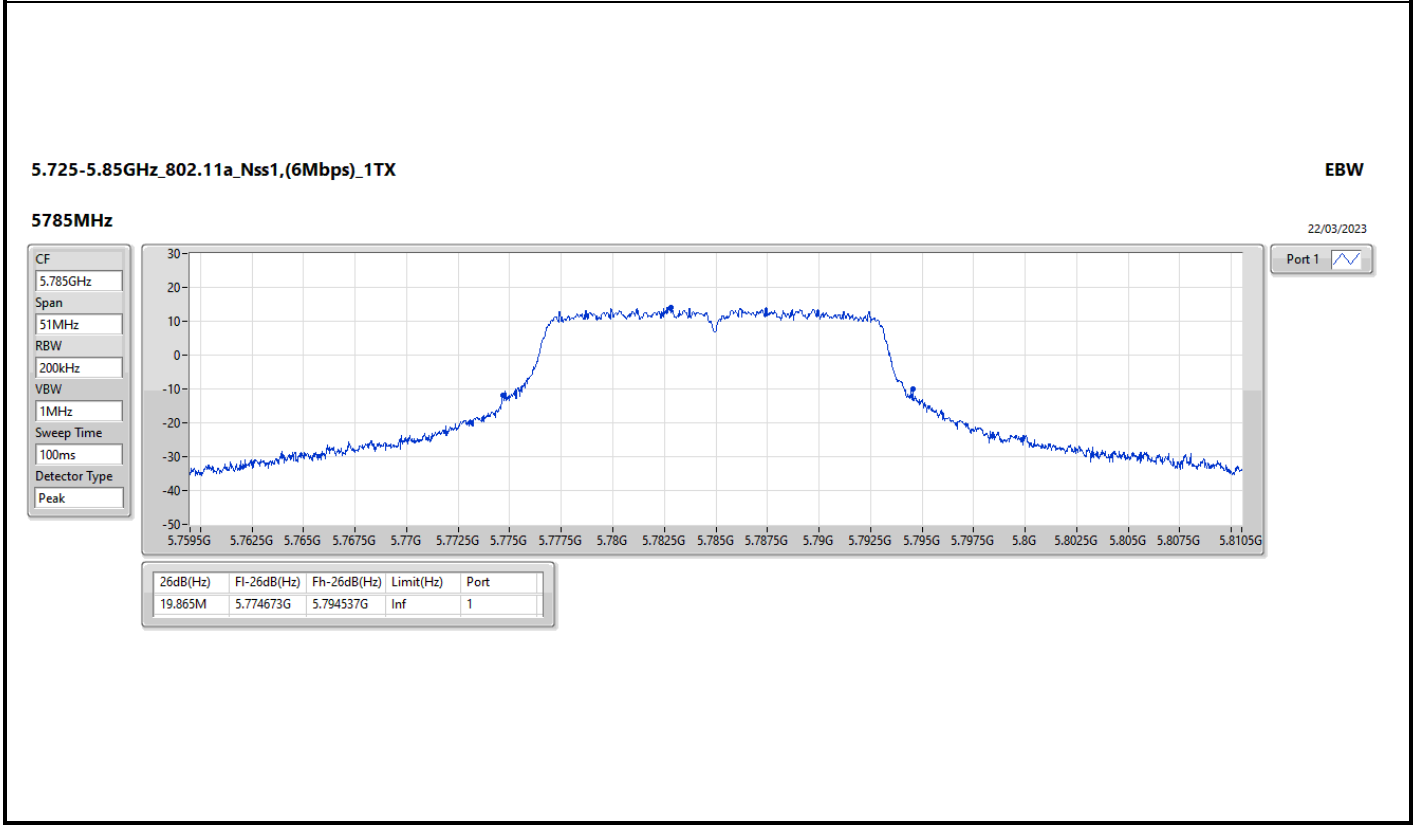
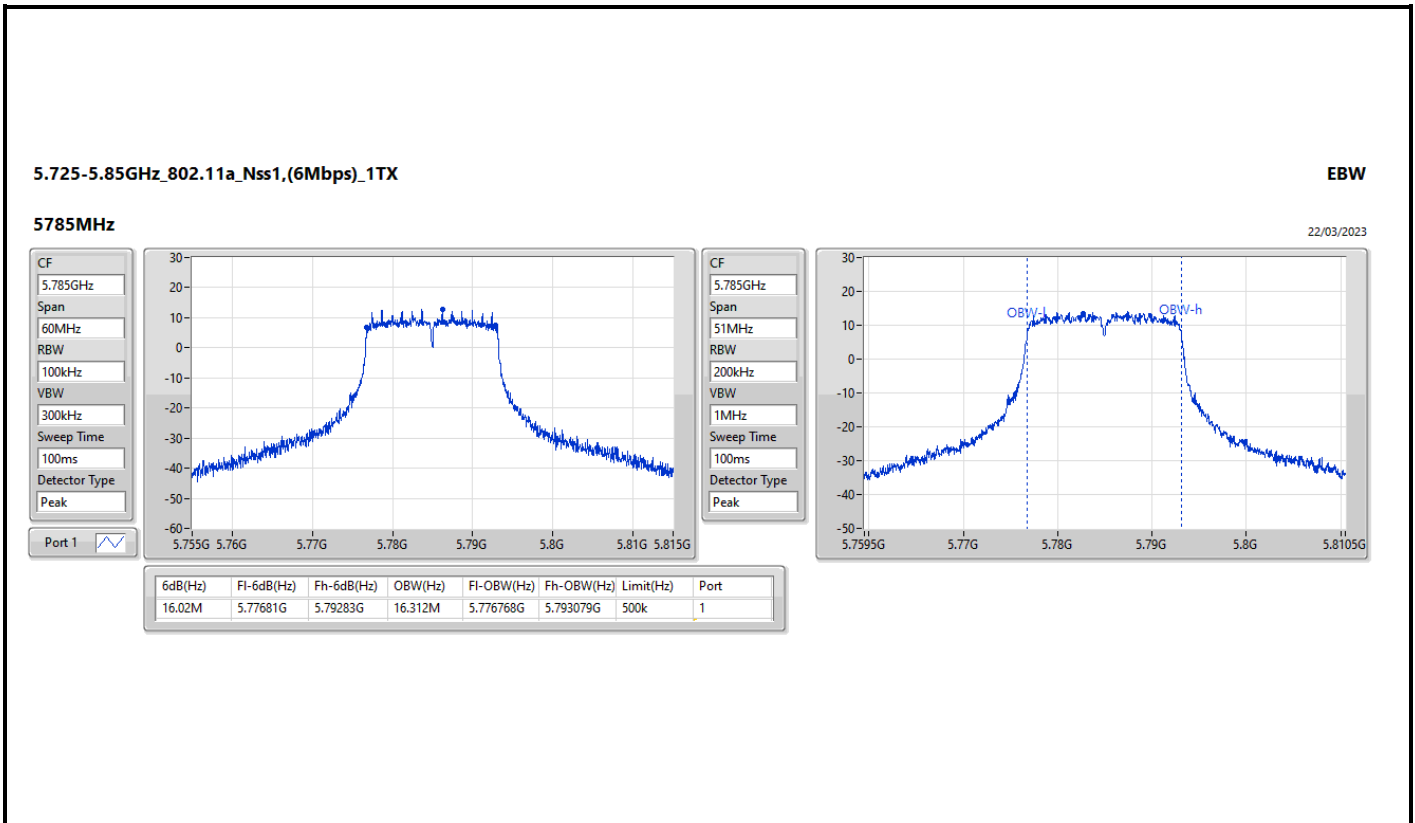
5720MHz Straddle 5.47-5.725GHz

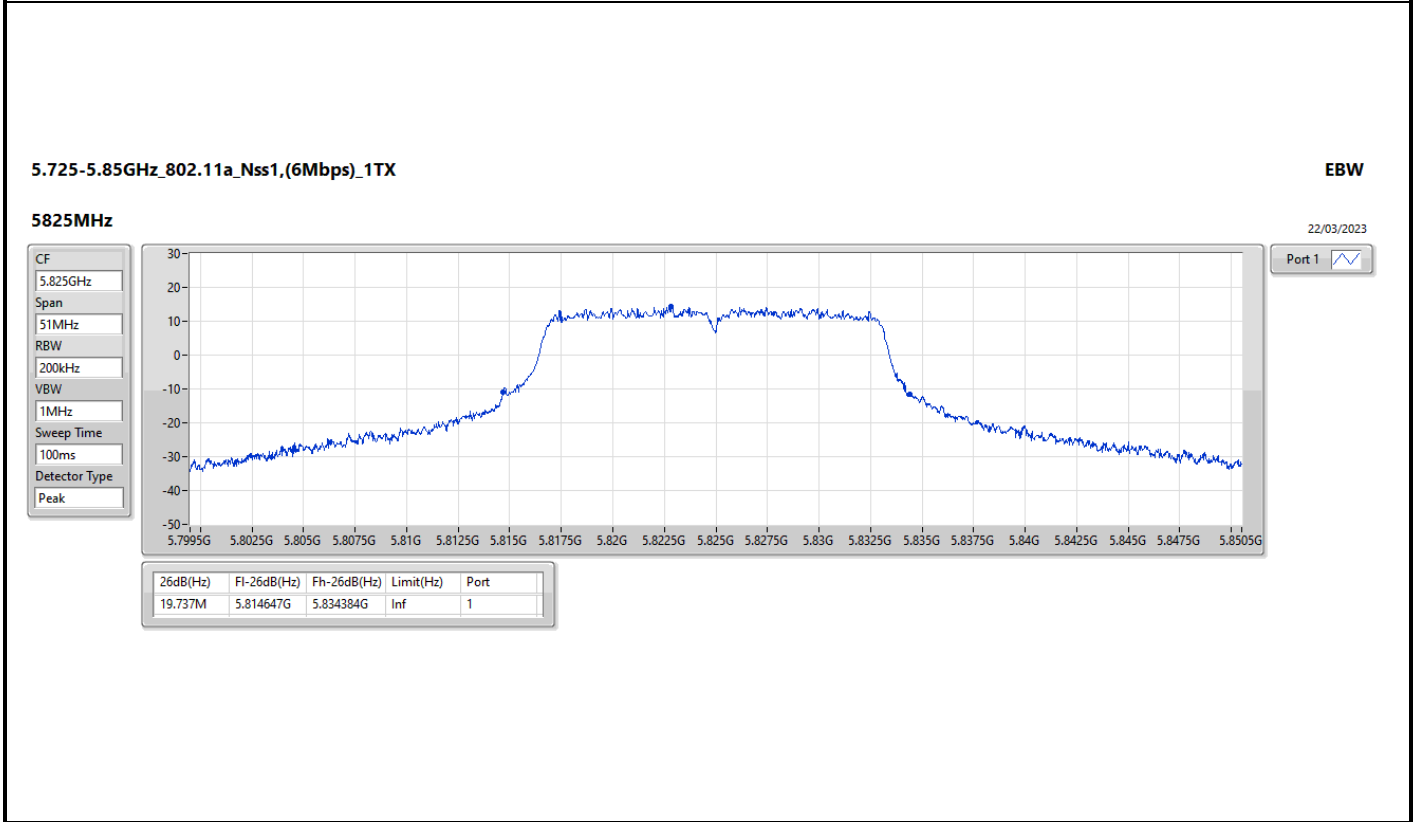
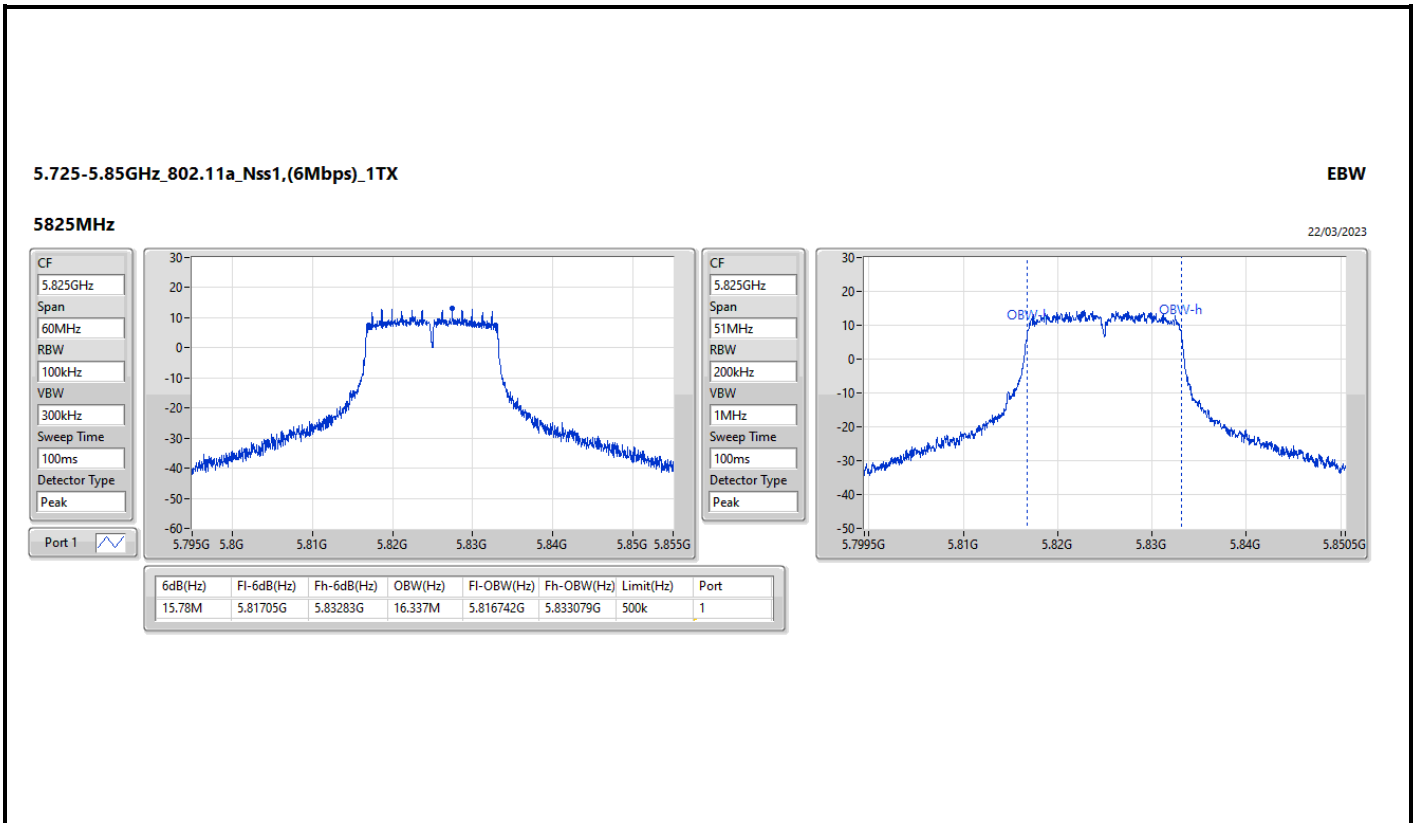
22/03/2023









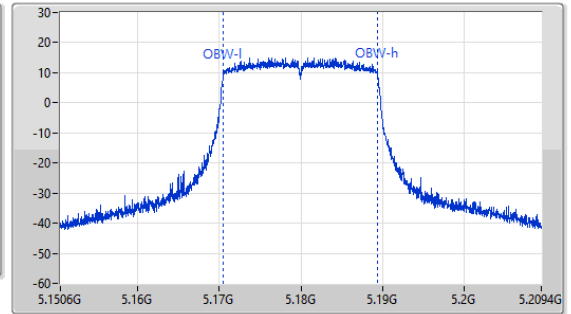
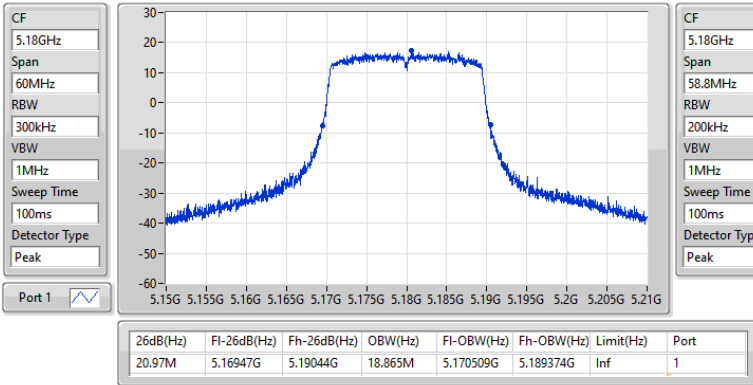


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

22/03/2023

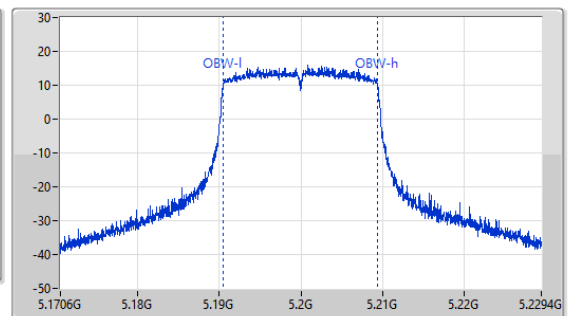
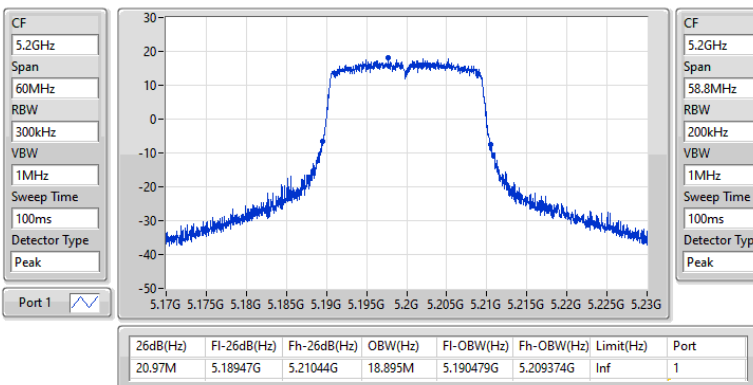


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

22/03/2023

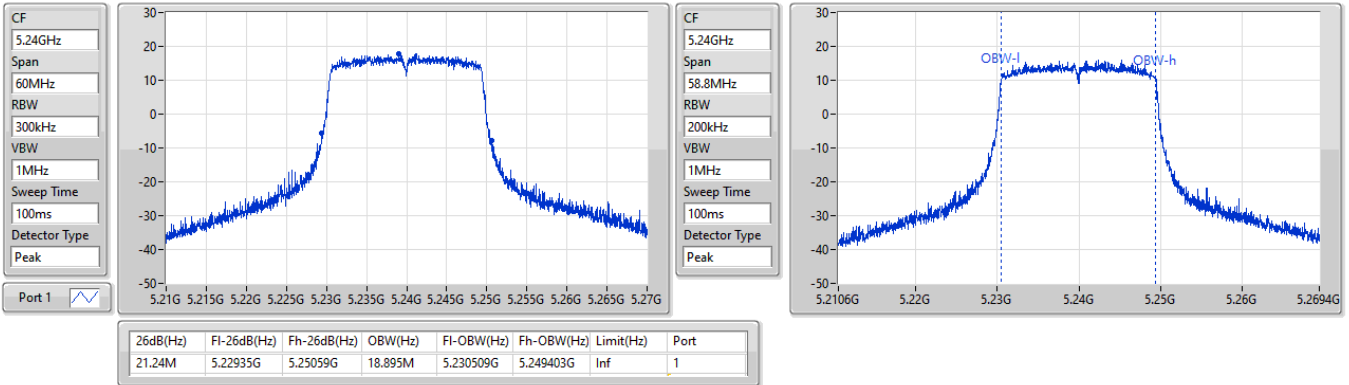


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

22/03/2023

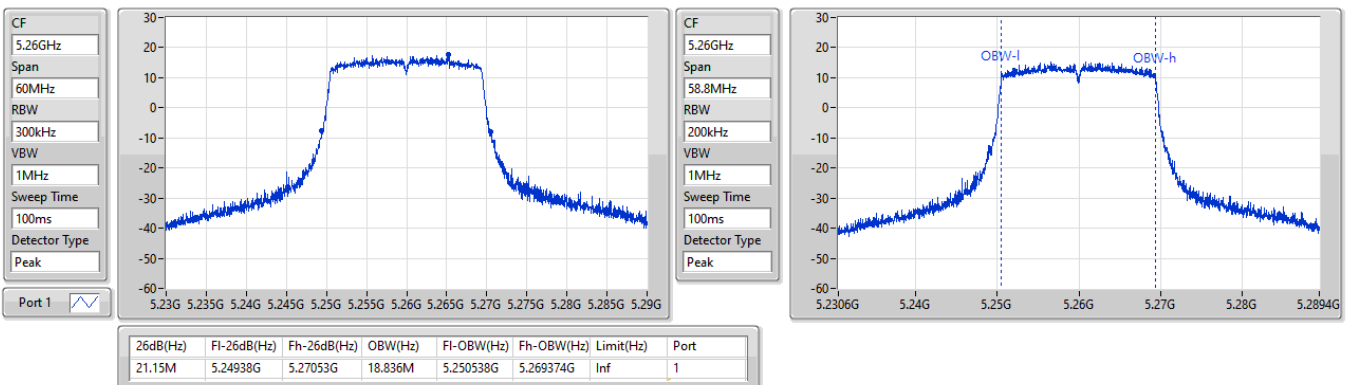


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

22/03/2023

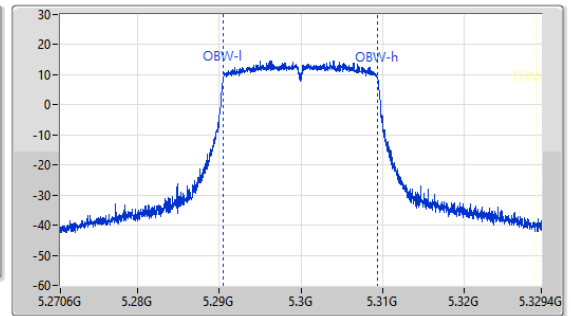
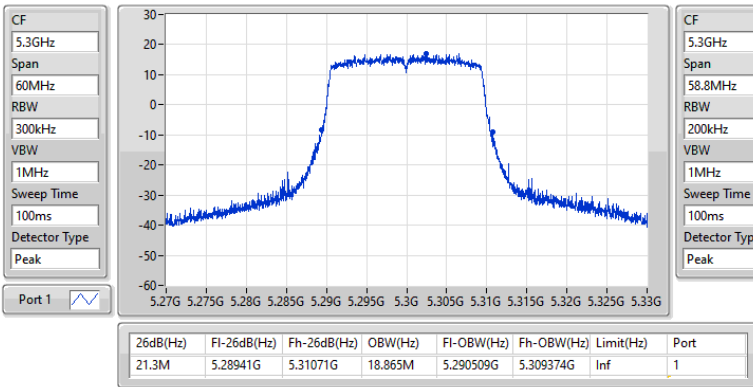


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

22/03/2023

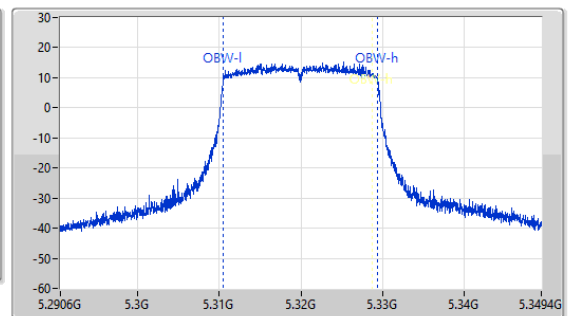
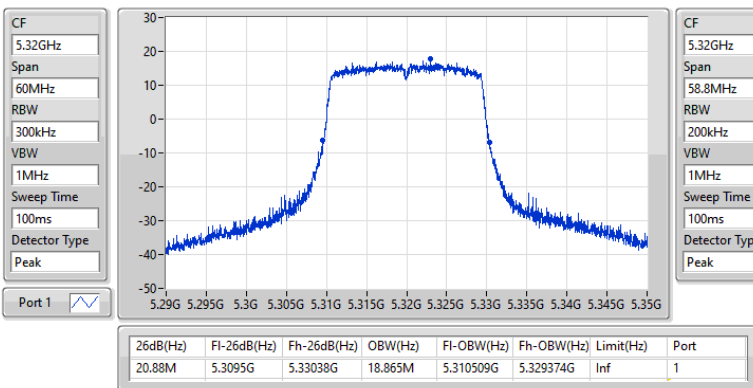


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

22/03/2023



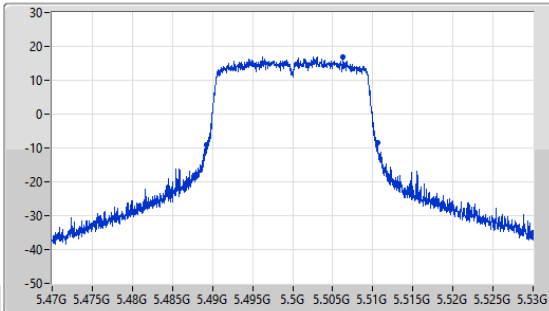
5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

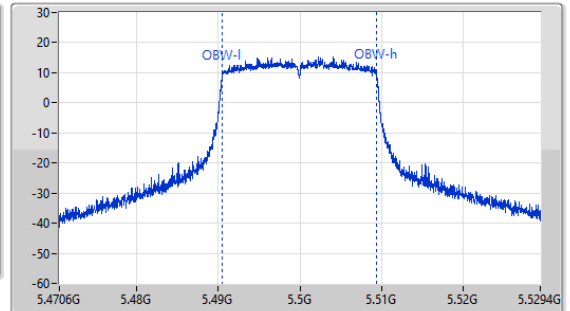
5500MHz

22/03/2023

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



CF
5.5GHz
Span
58.8MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.48926G	5.51062G	18.865M	5.490509G	5.509374G	Inf	1

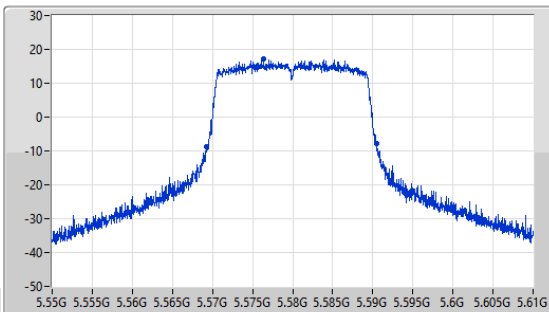
5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

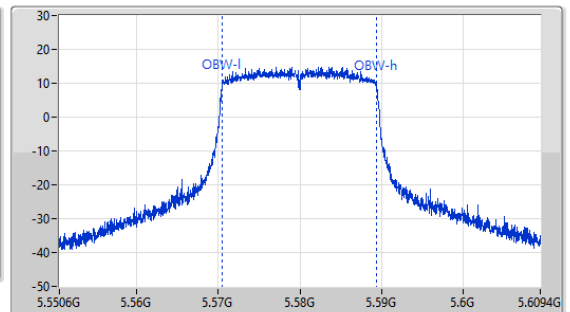
5580MHz

22/03/2023

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



CF
5.58GHz
Span
58.8MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



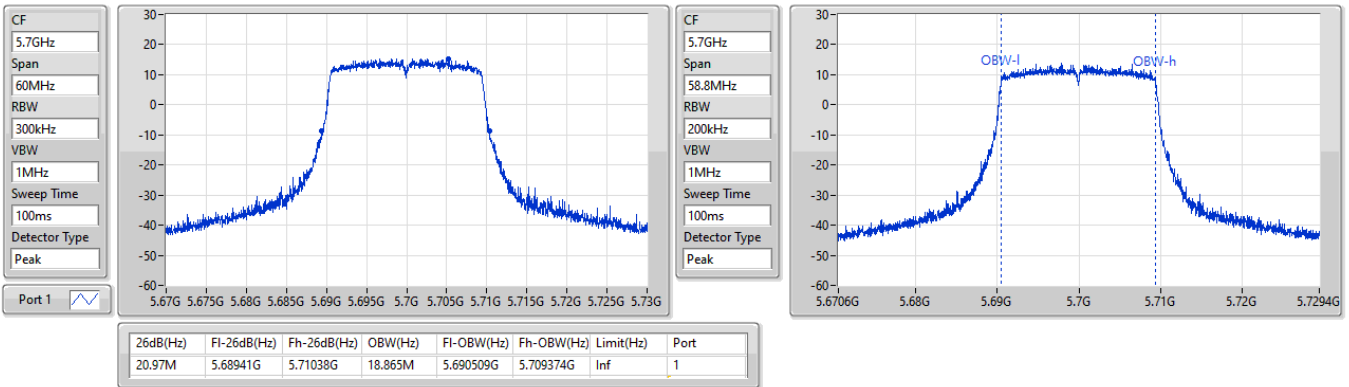
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.56923G	5.5905G	18.865M	5.570509G	5.589374G	Inf	1

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5700MHz

22/03/2023

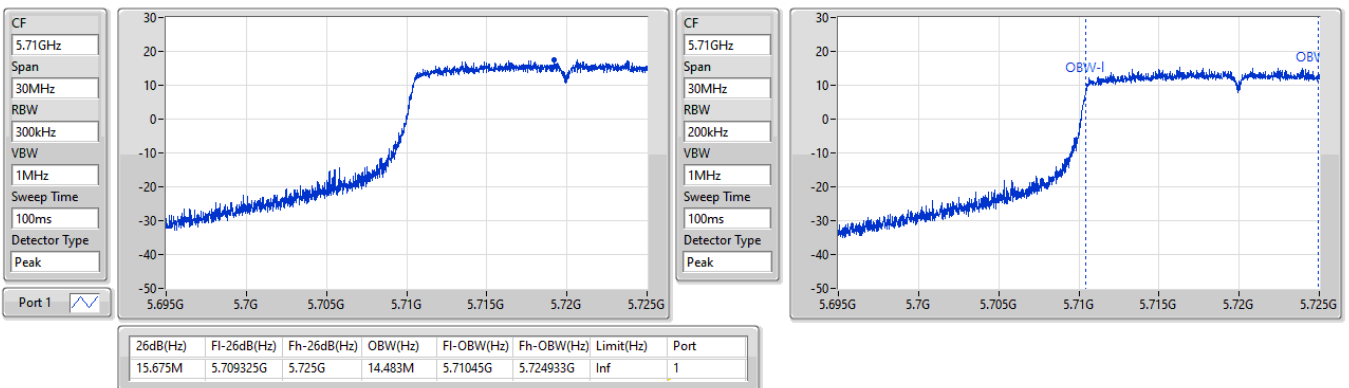


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

22/03/2023

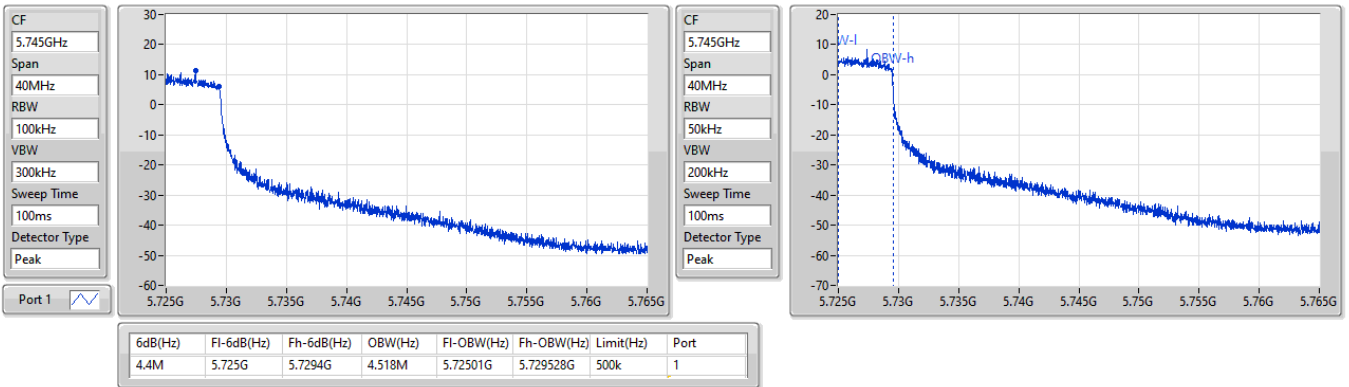


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

22/03/2023

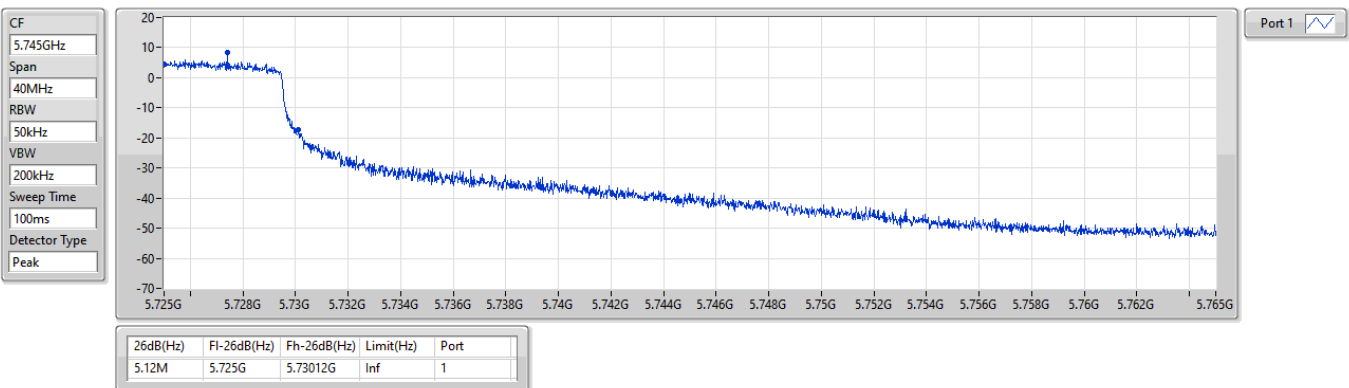


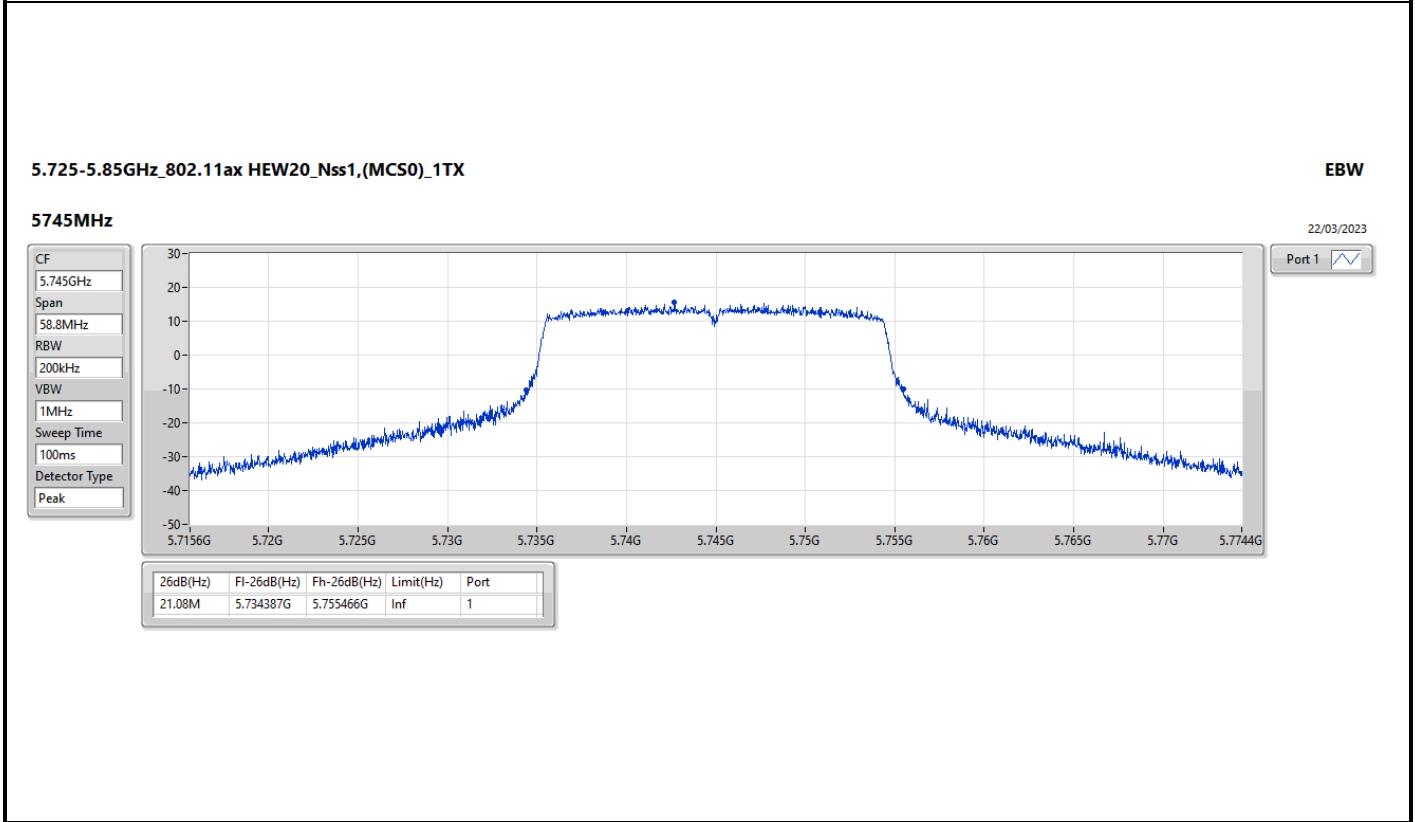
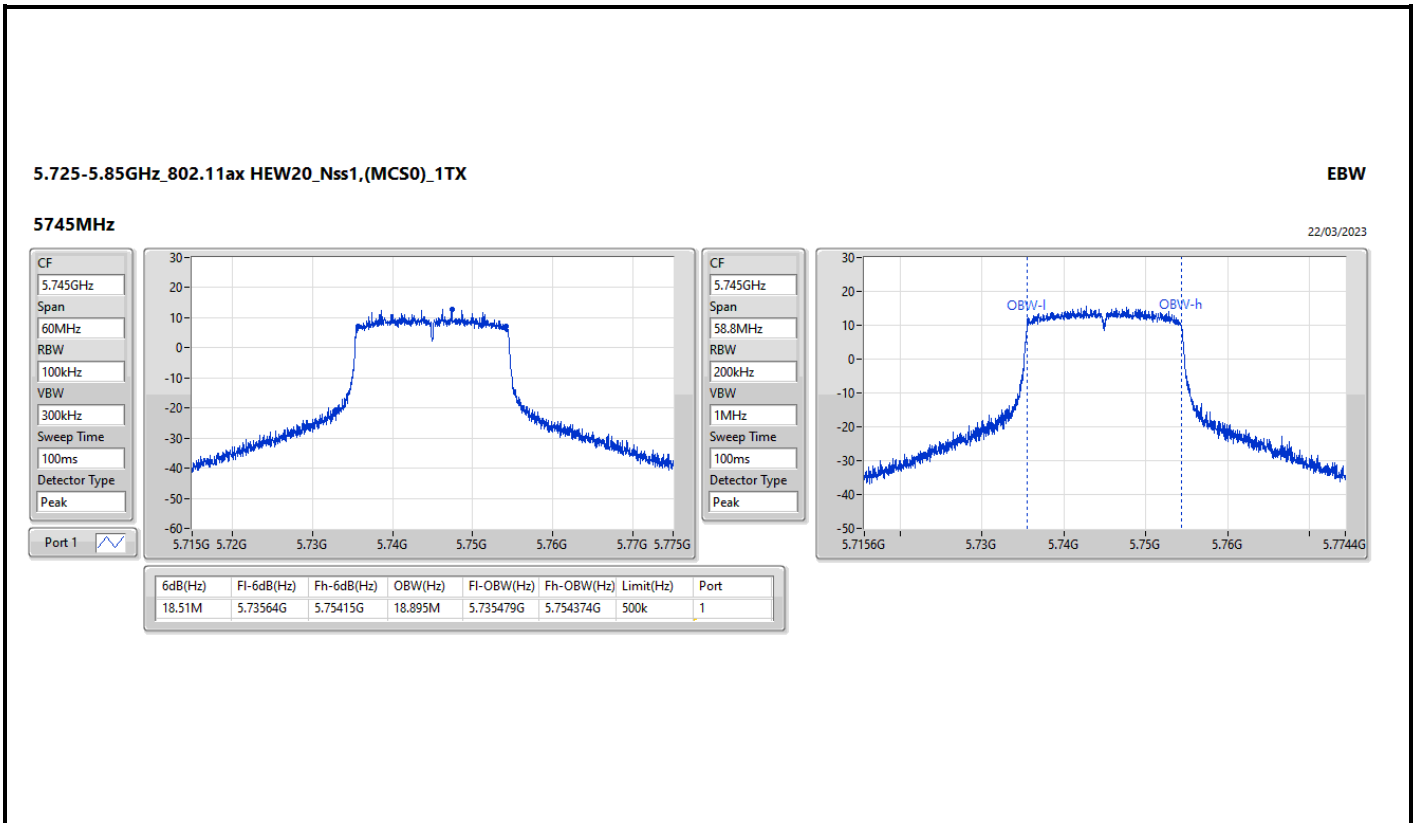
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

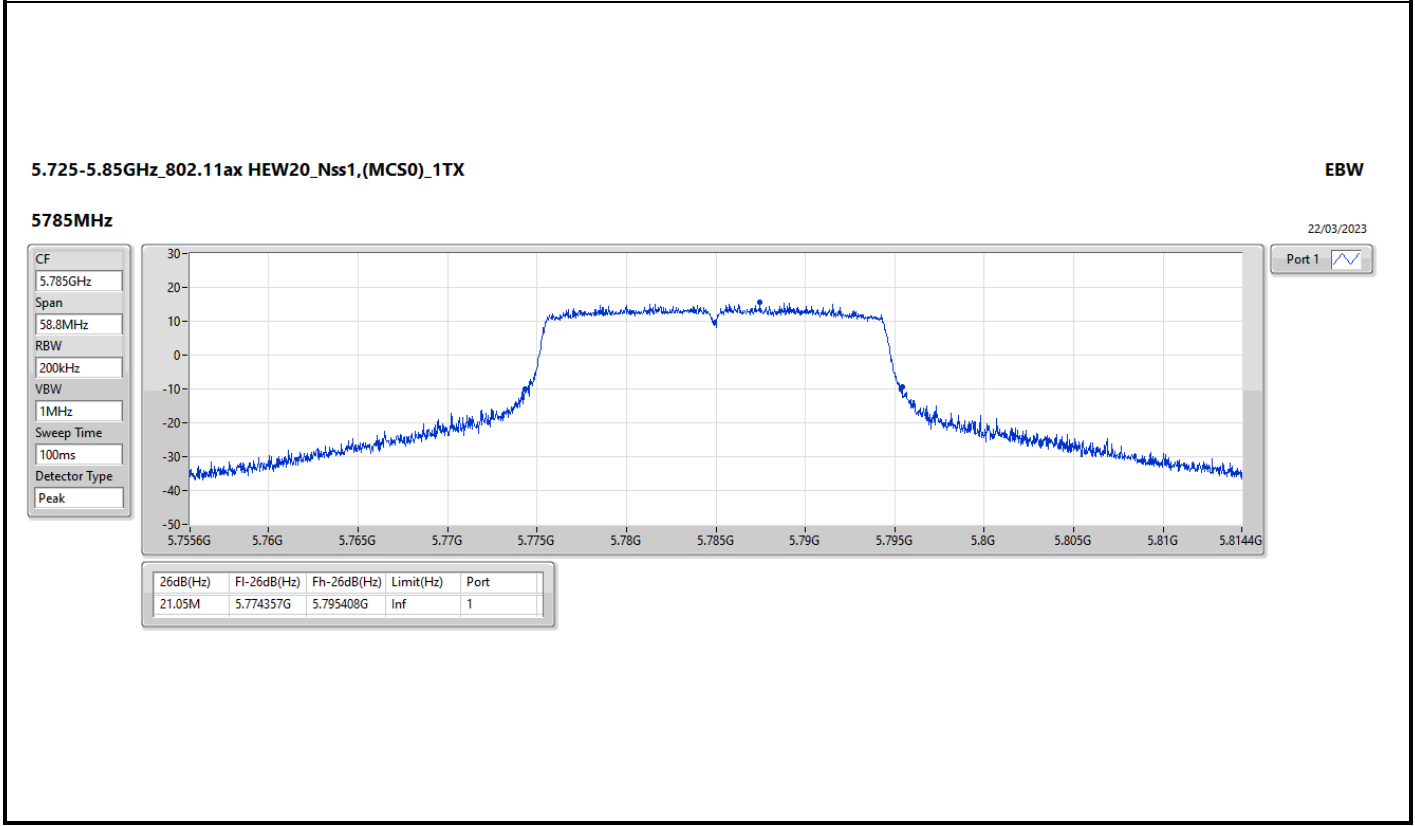
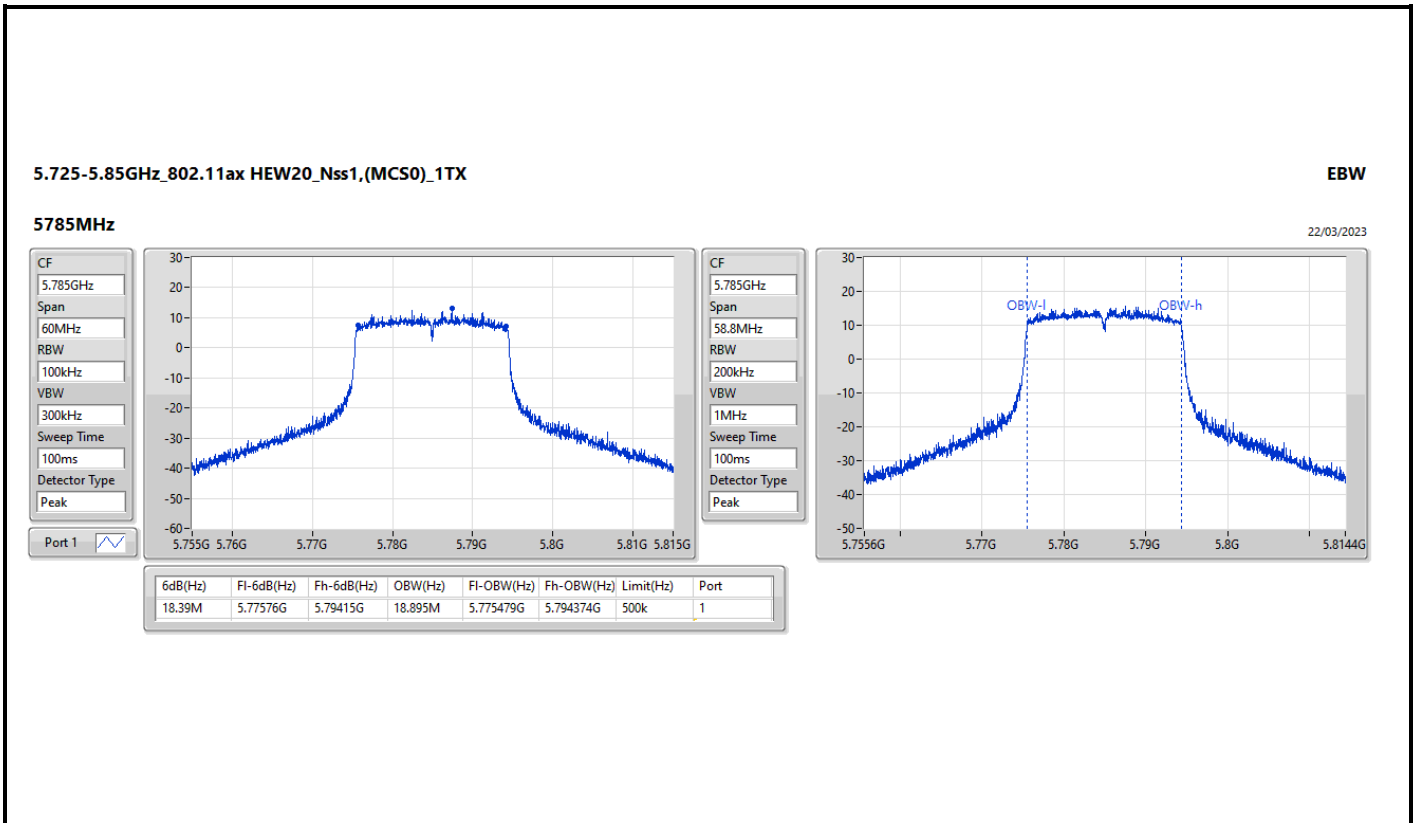
EBW

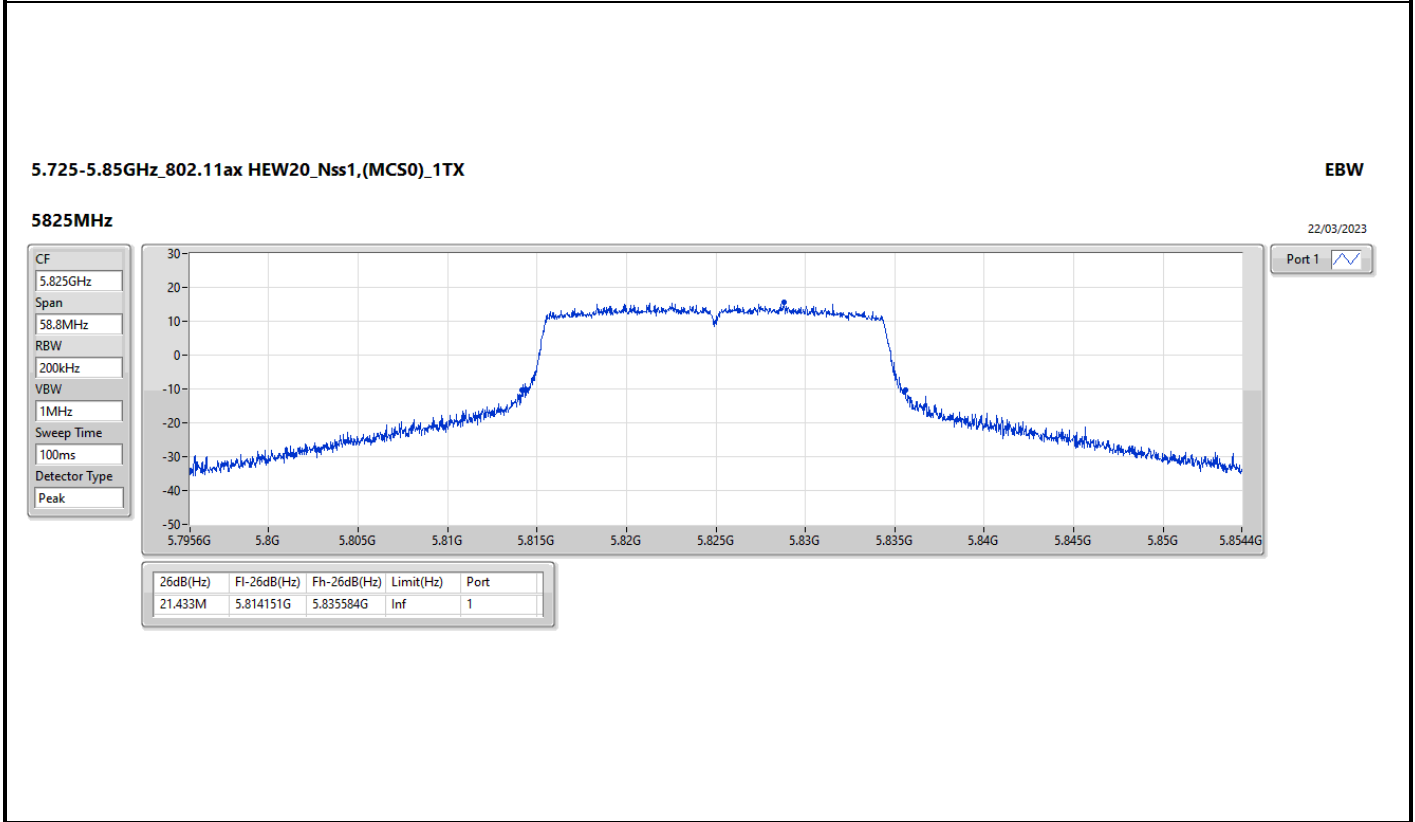
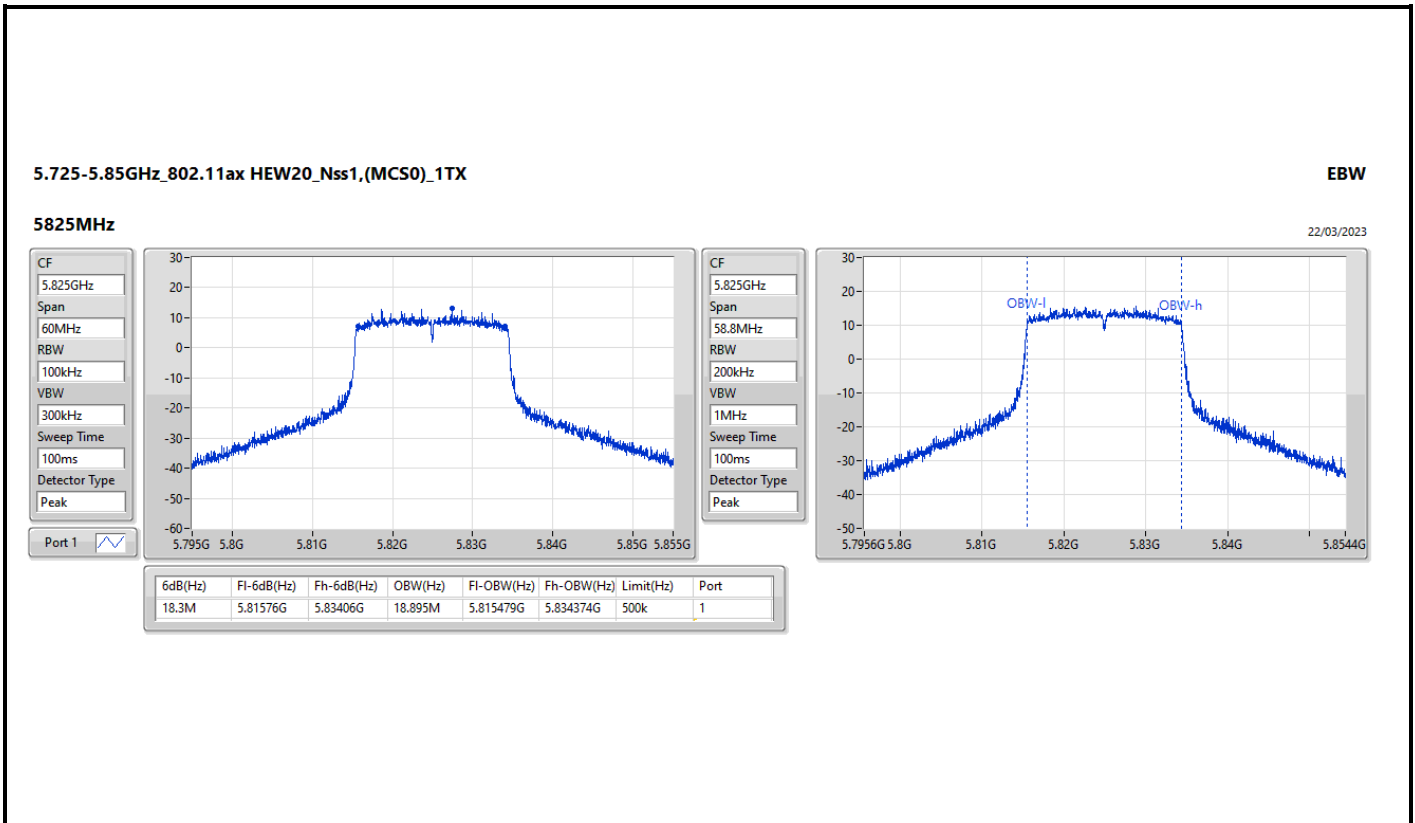
5720MHz Straddle 5.725-5.85GHz

22/03/2023







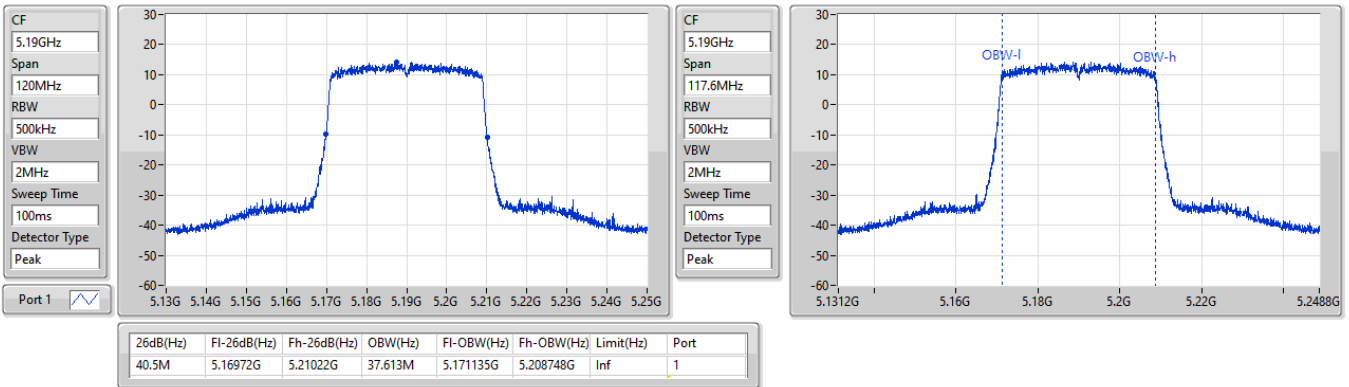


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

22/03/2023

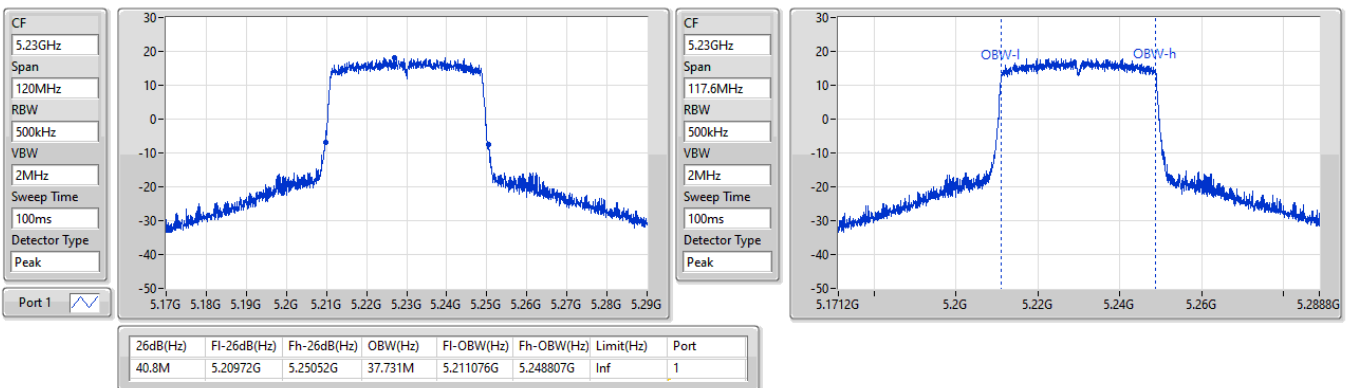


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

22/03/2023

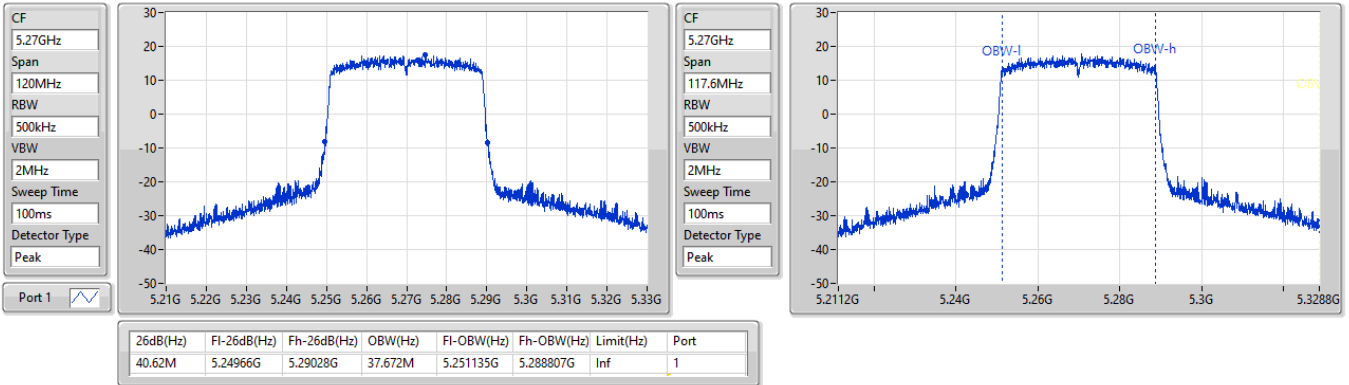


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

22/03/2023

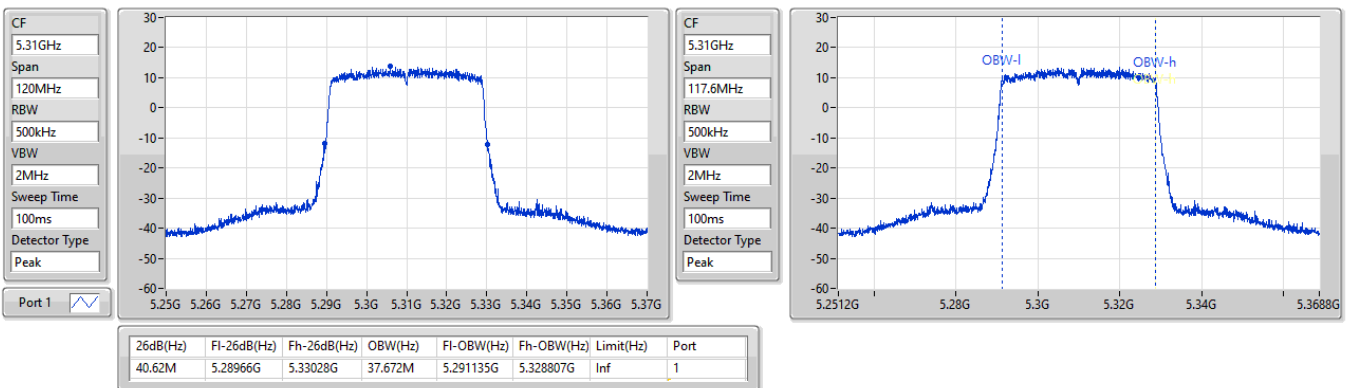


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

22/03/2023

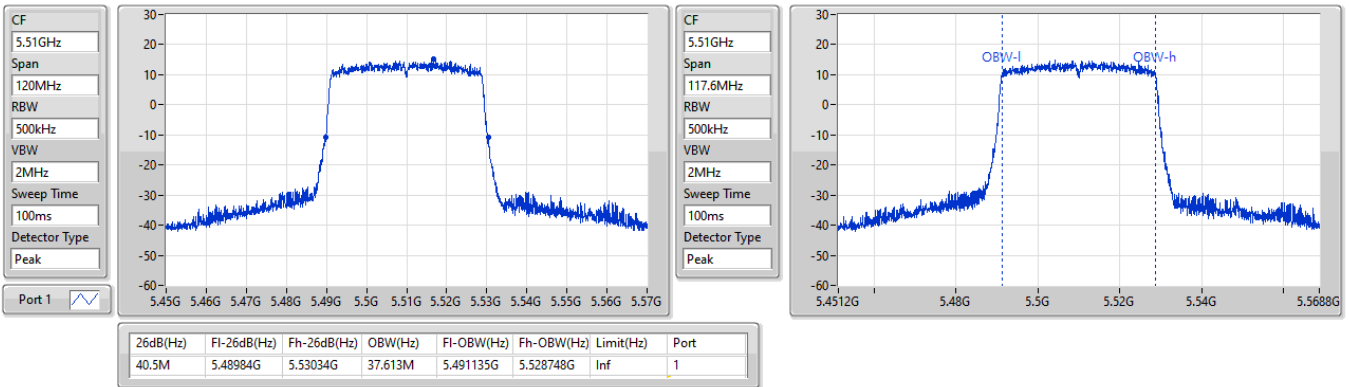


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

22/03/2023

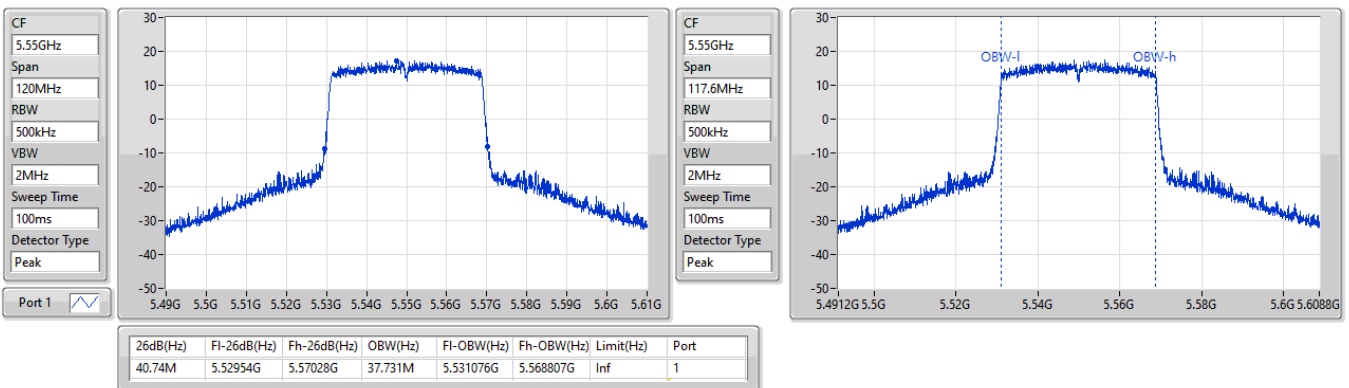


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

22/03/2023

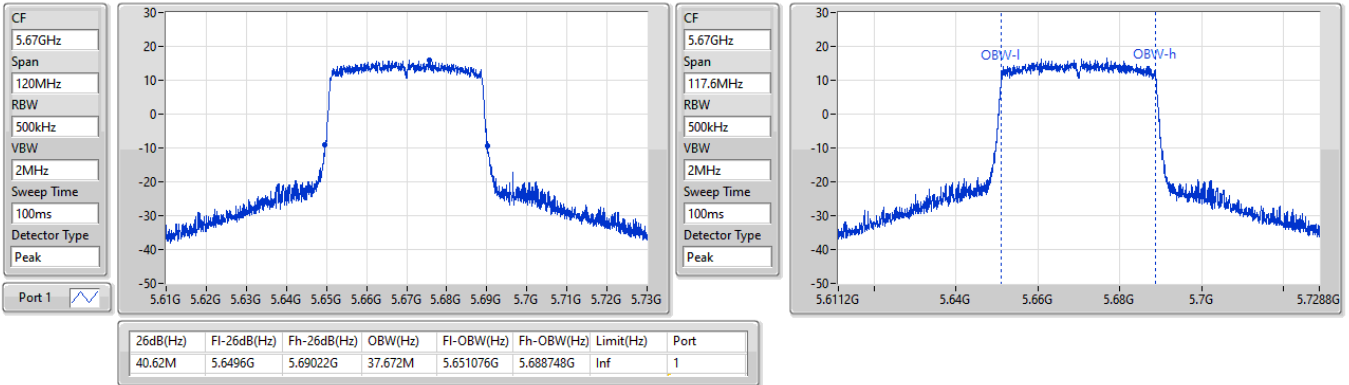


5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

22/03/2023

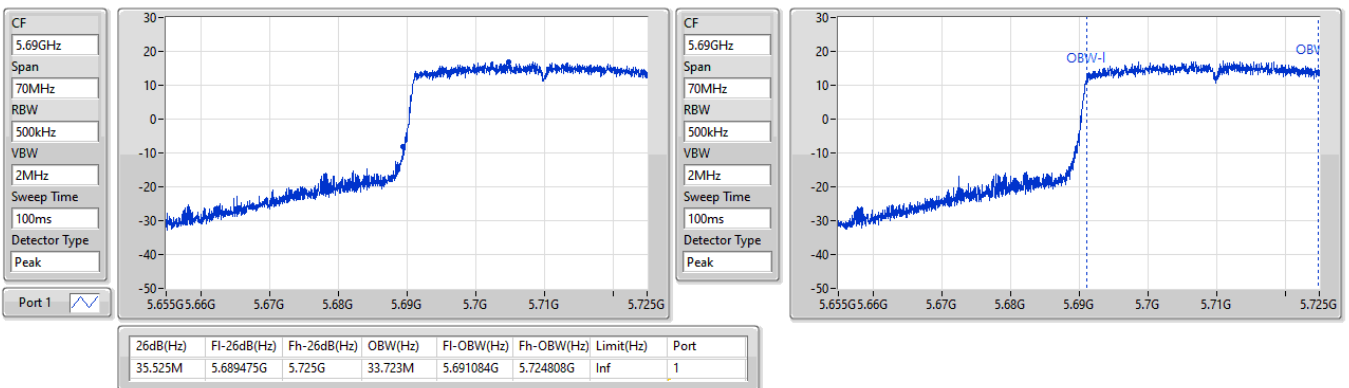


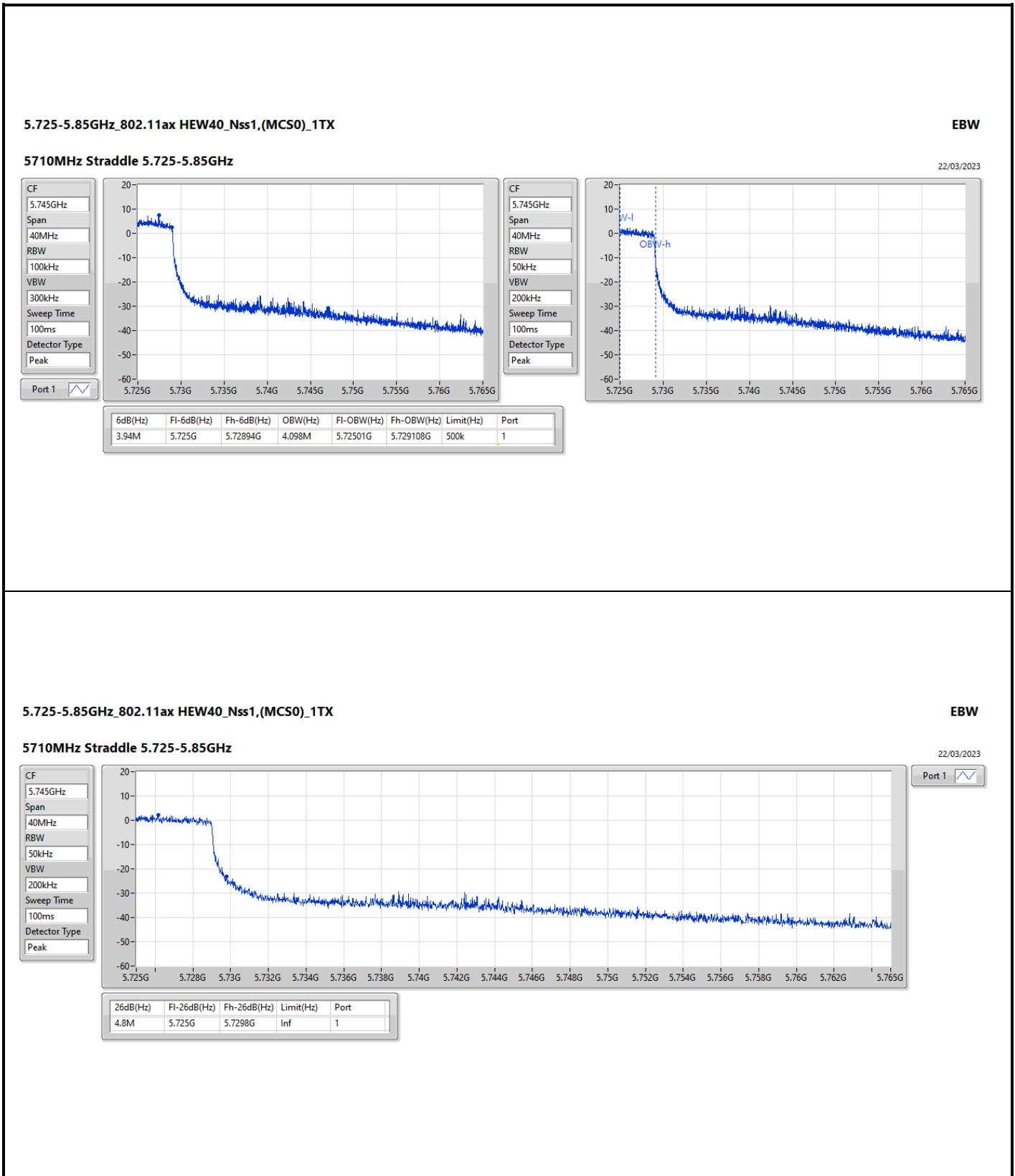
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

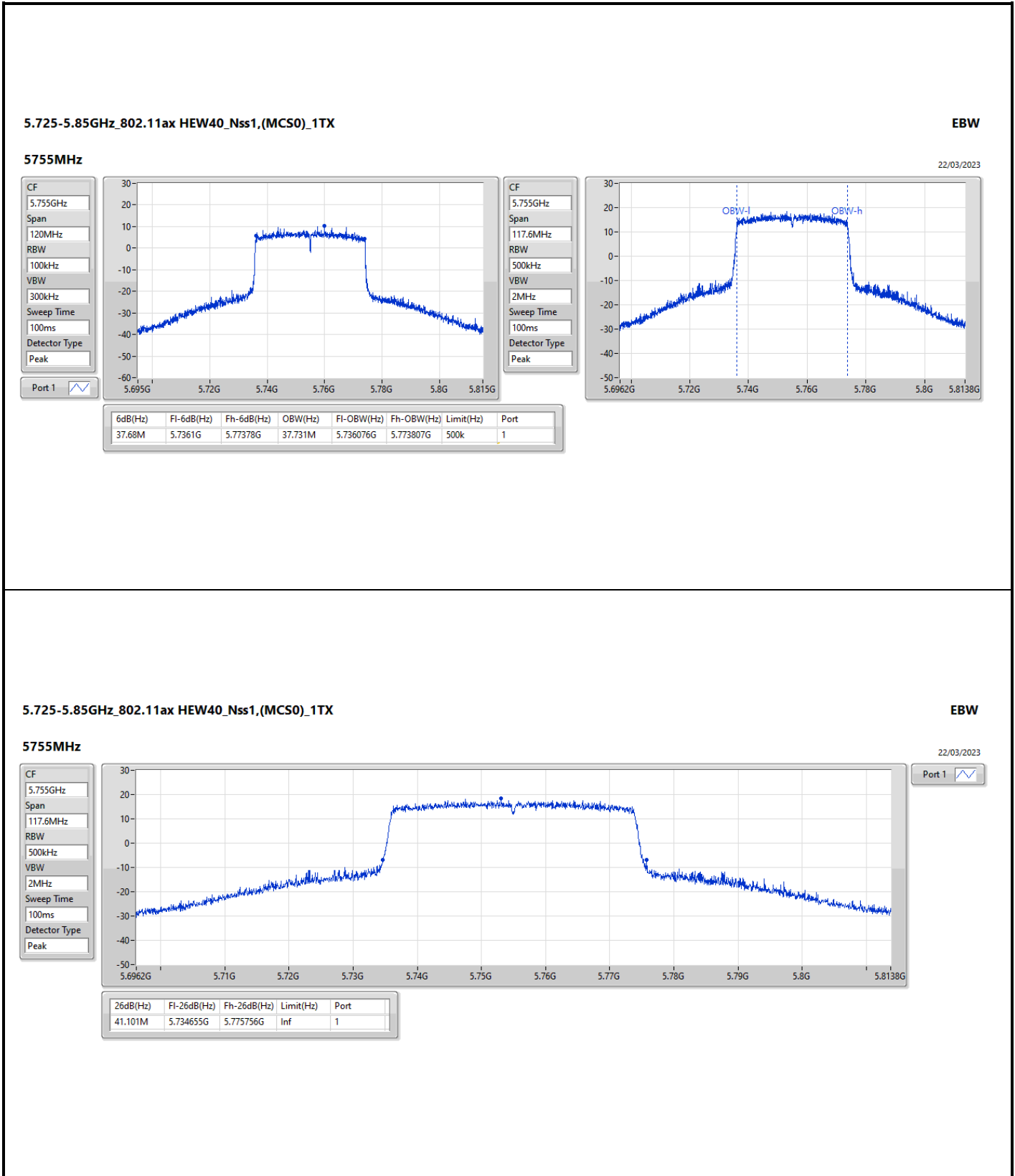
EBW

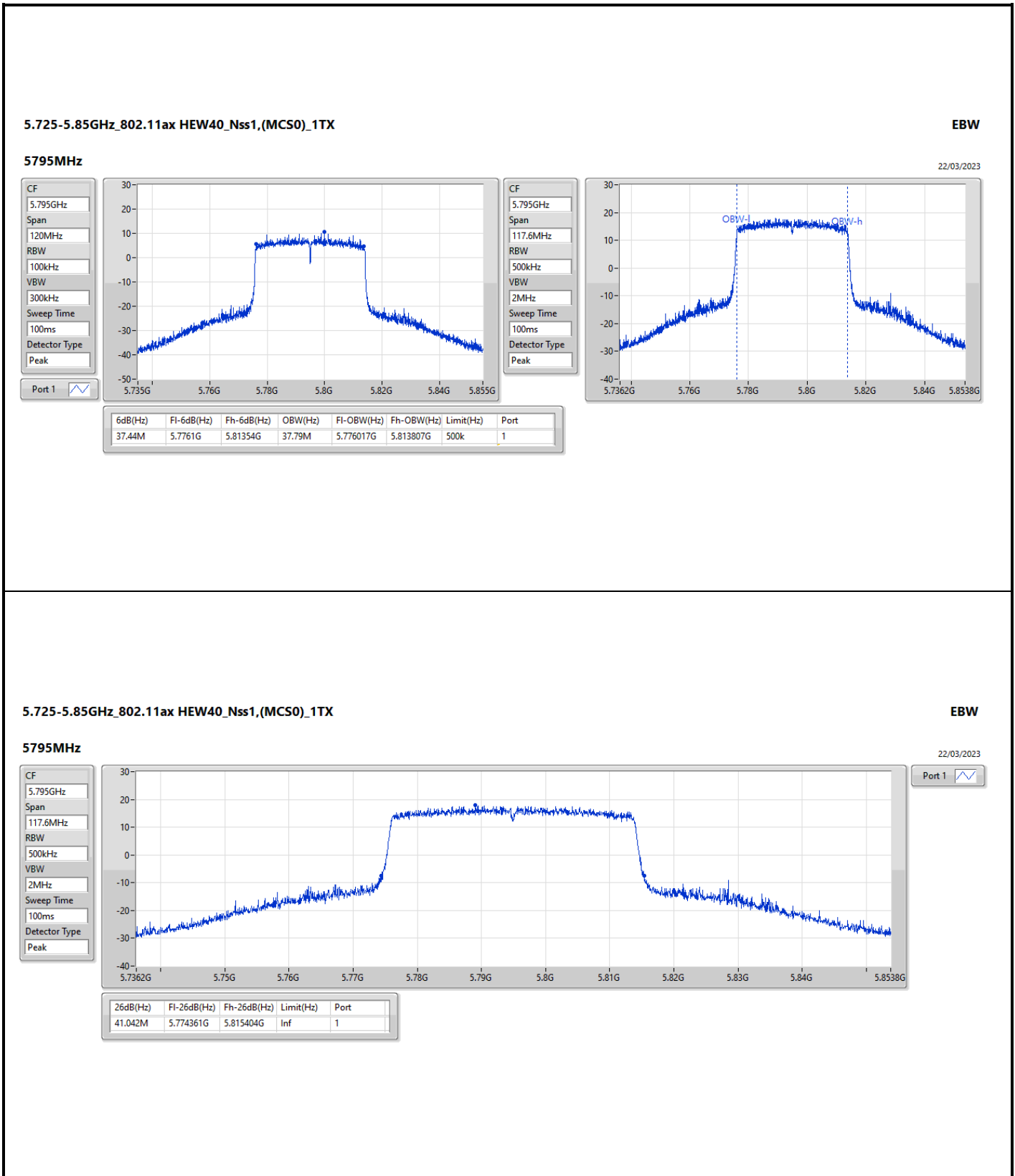
5710MHz Straddle 5.47-5.725GHz

22/03/2023







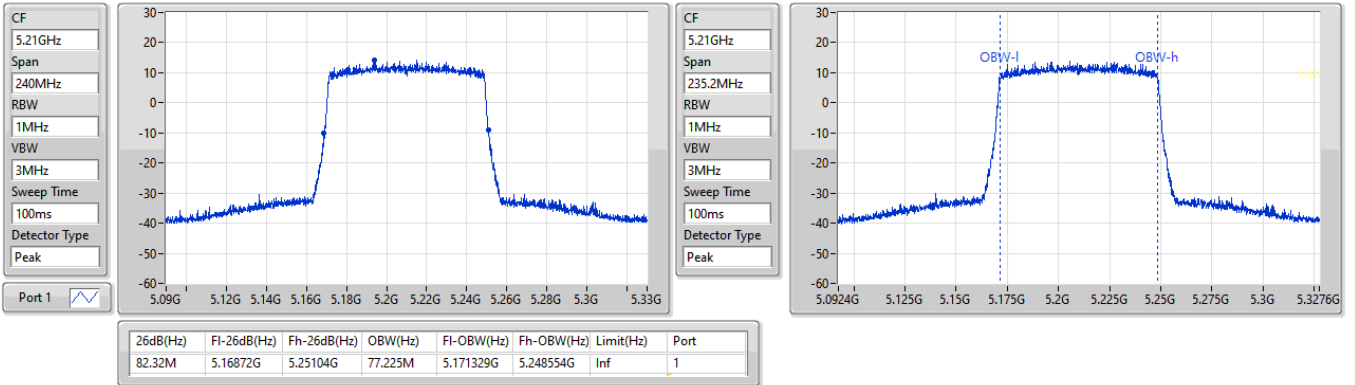


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

22/03/2023

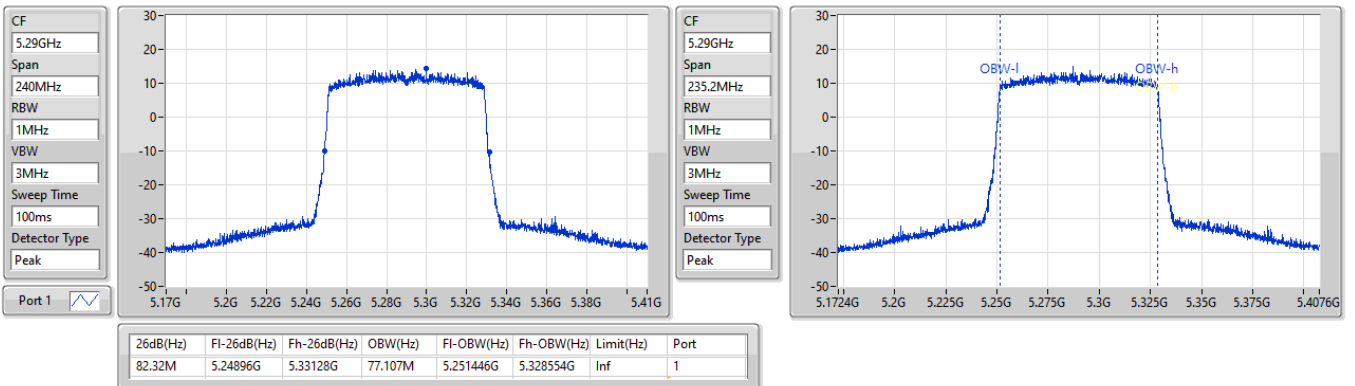


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

22/03/2023

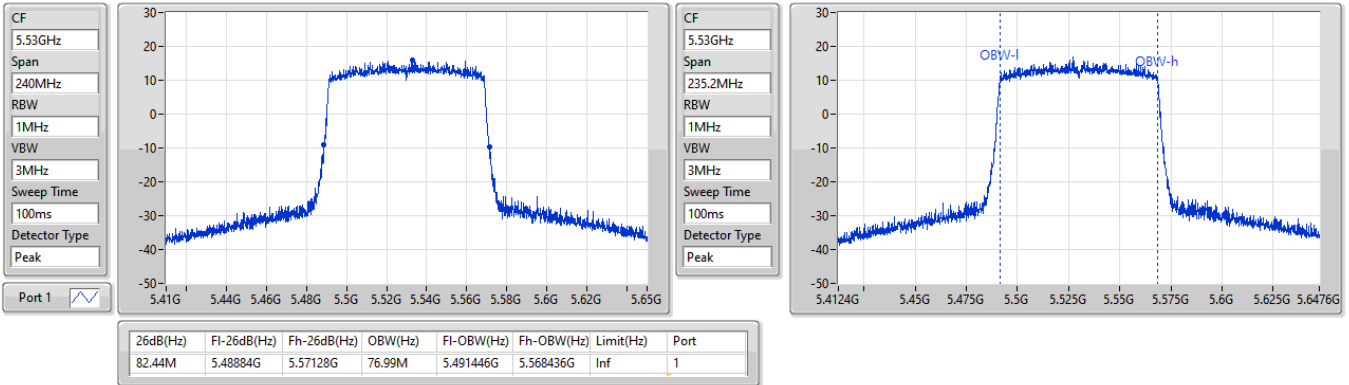


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5530MHz

22/03/2023

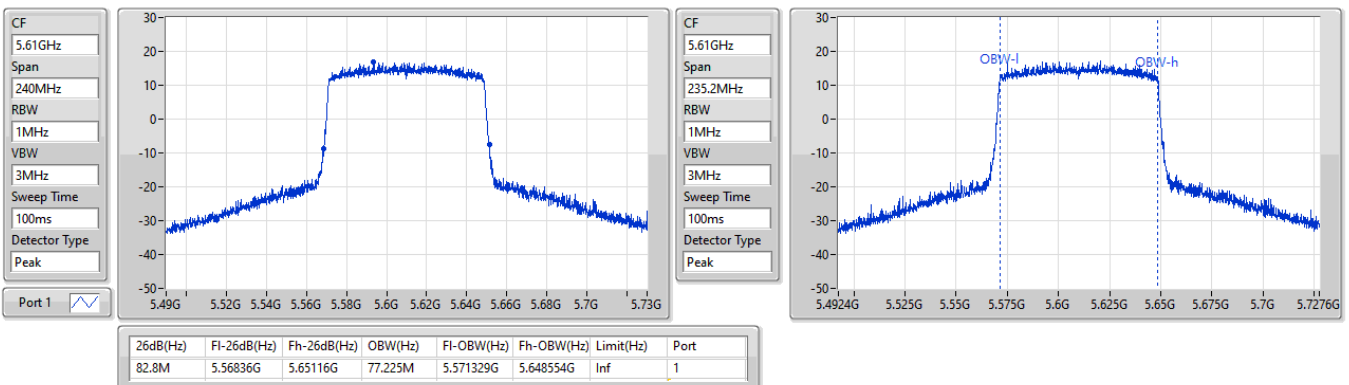


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

22/03/2023

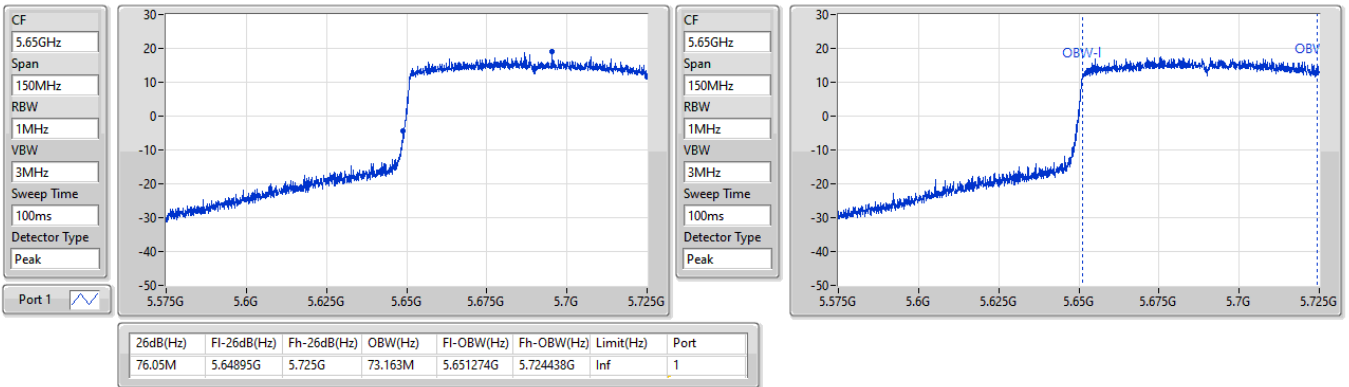


5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

22/03/2023

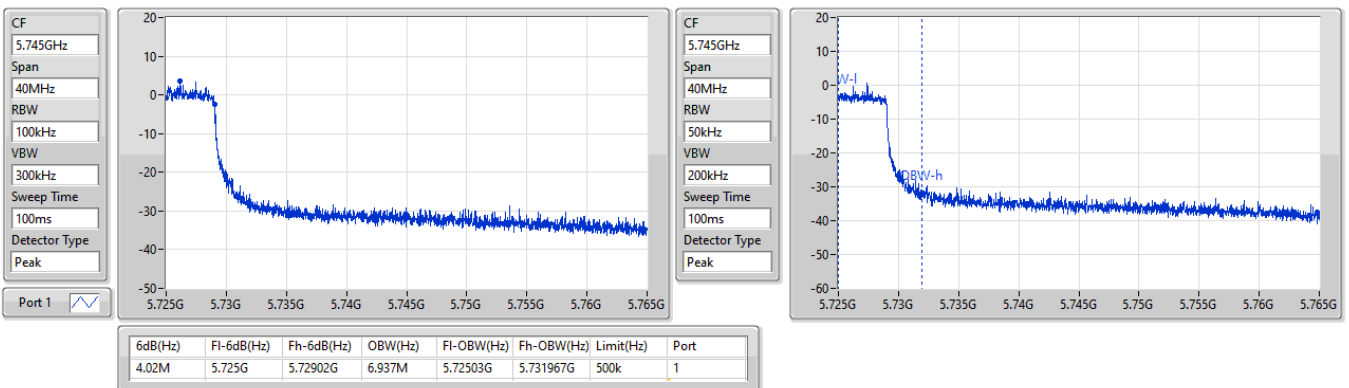


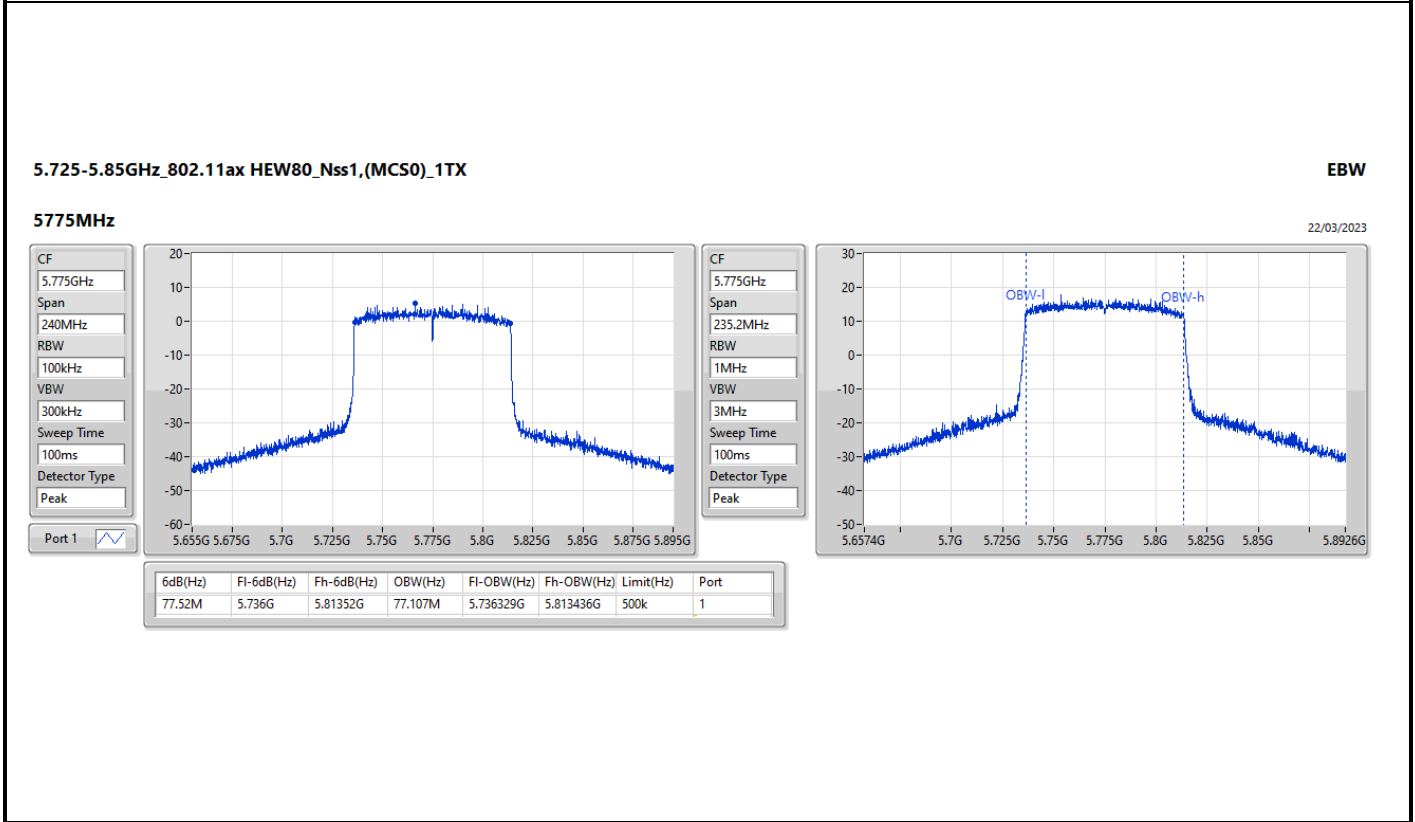
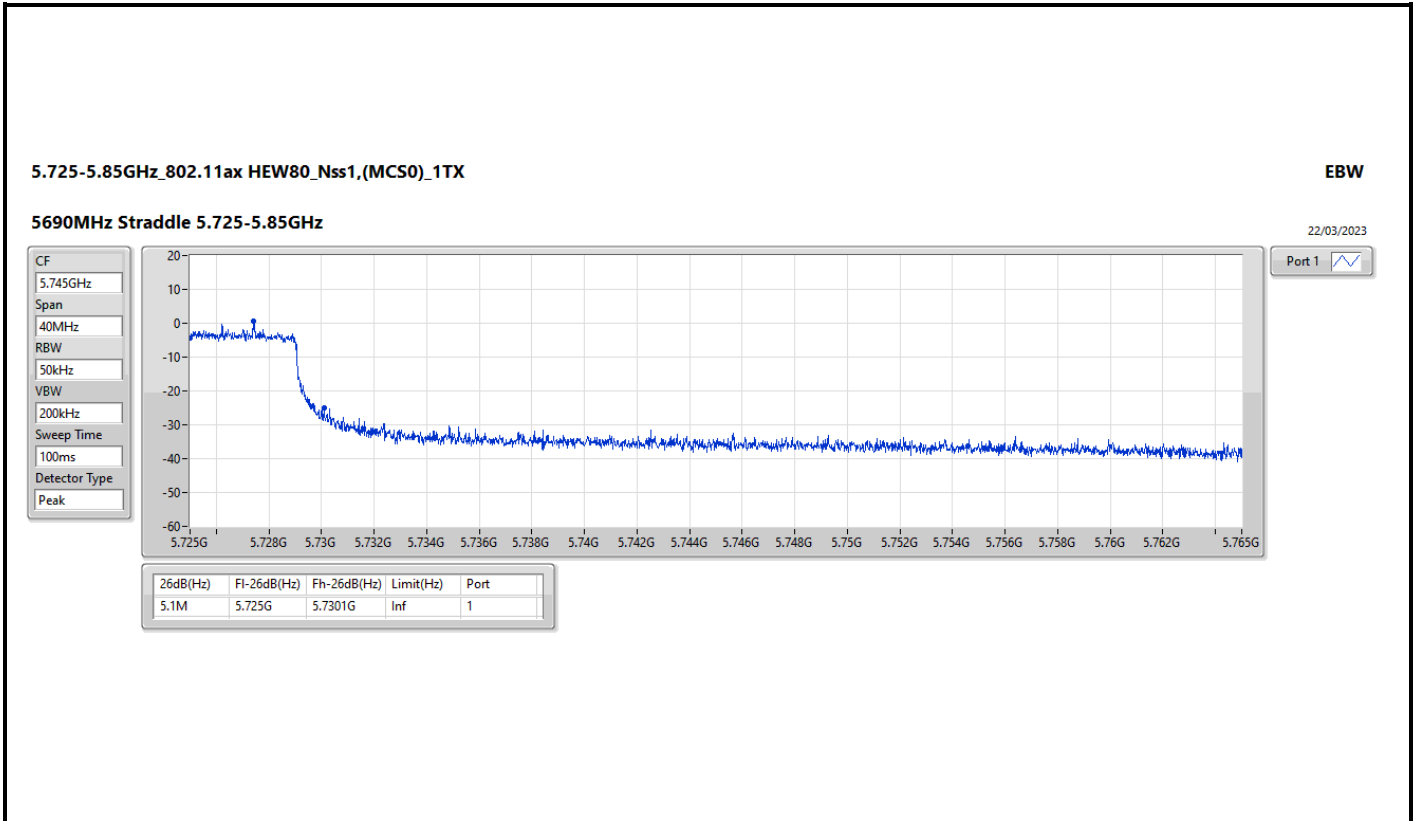
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

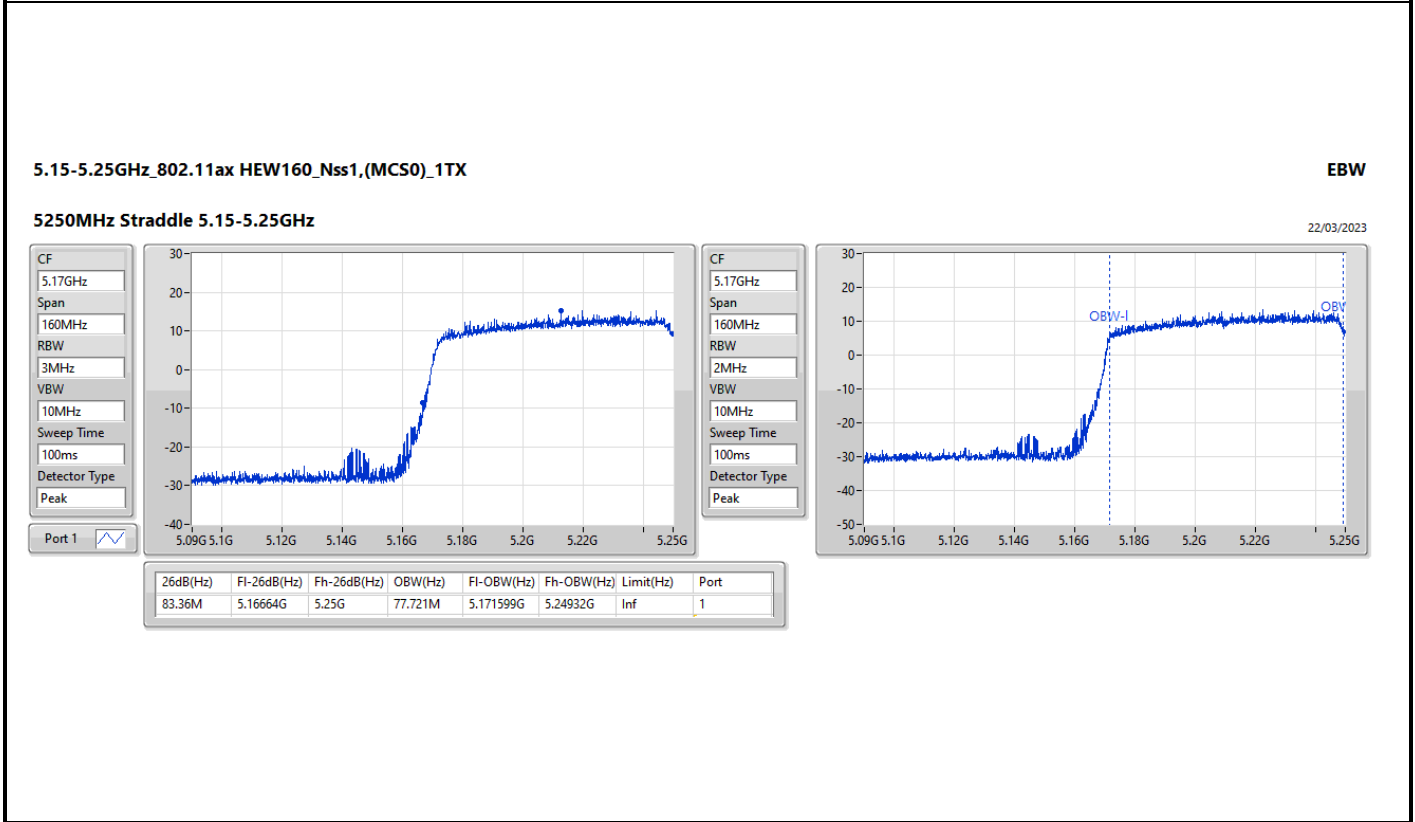
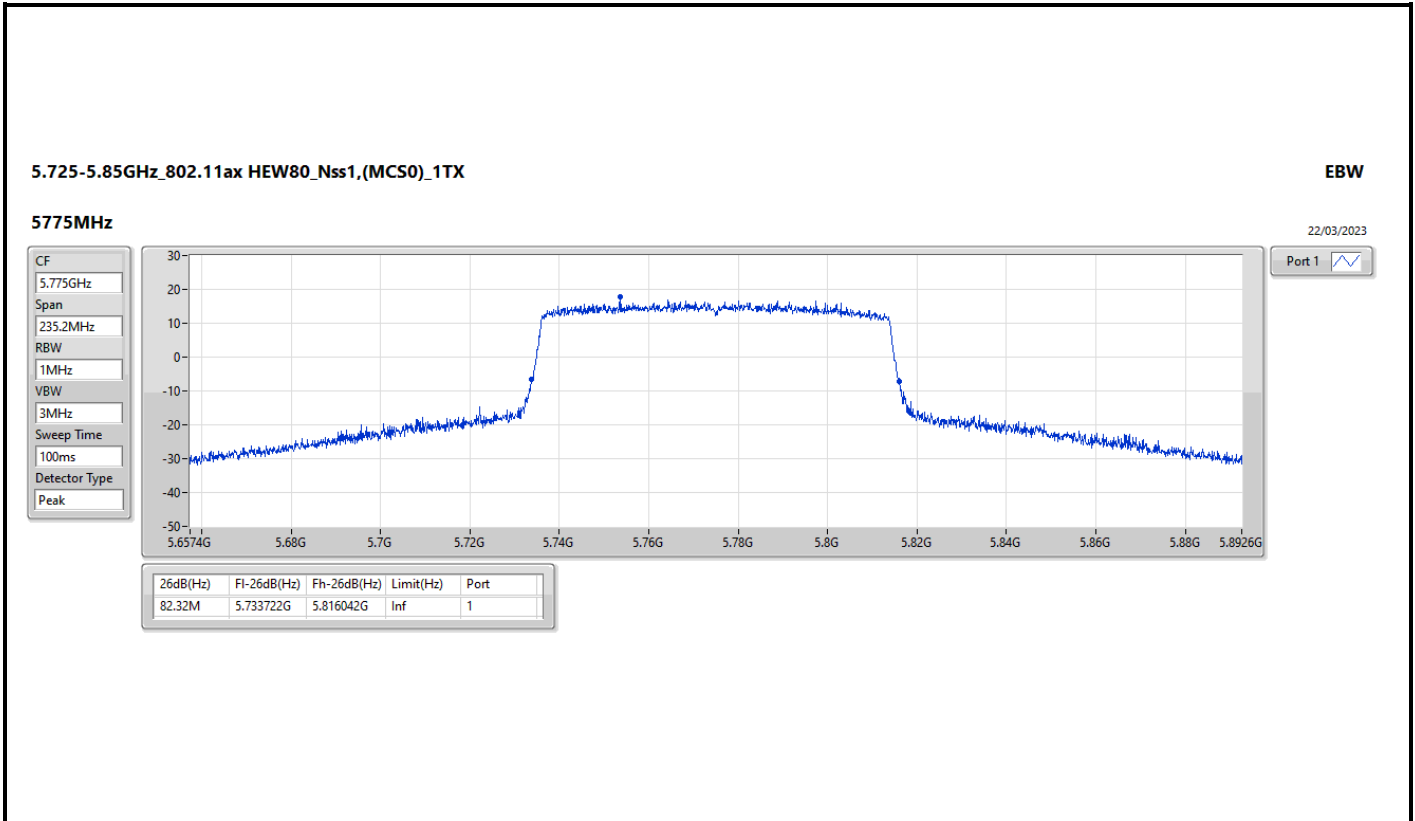
EBW

5690MHz Straddle 5.725-5.85GHz

22/03/2023





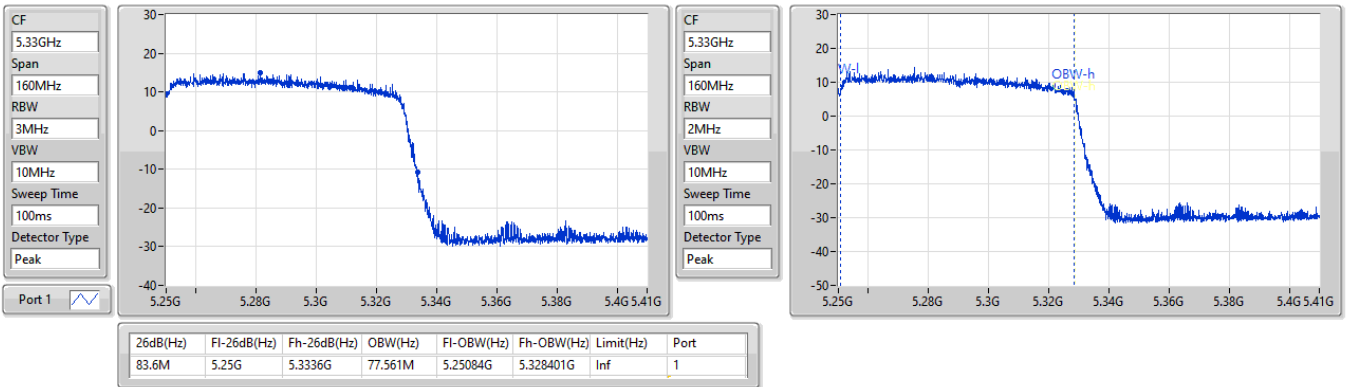


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

22/03/2023

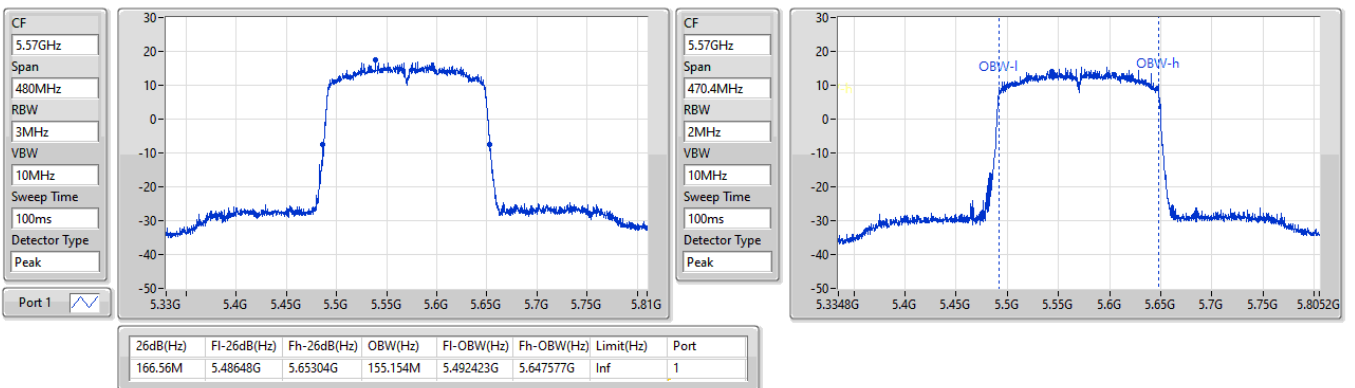


5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5570MHz

22/03/2023





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.68M	16.312M	16M3D1D	19.29M	16.286M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.24M	18.895M	18M9D1D	20.97M	18.865M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.8M	37.731M	37M7D1D	40.5M	37.613M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.32M	77.225M	77M2D1D	82.32M	77.225M
802.11ax HEW160_Nss1,(MCS0)_1TX	83.36M	77.721M	77M7D1D	83.36M	77.721M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	83.6M	77.561M	77M6D1D	83.6M	77.561M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	19.29M	16.286M
5200MHz	Pass	Inf	19.68M	16.312M
5240MHz	Pass	Inf	19.68M	16.312M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.97M	18.865M
5200MHz	Pass	Inf	20.97M	18.895M
5240MHz	Pass	Inf	21.24M	18.895M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.613M
5230MHz	Pass	Inf	40.8M	37.731M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.32M	77.225M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.36M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.6M	77.561M

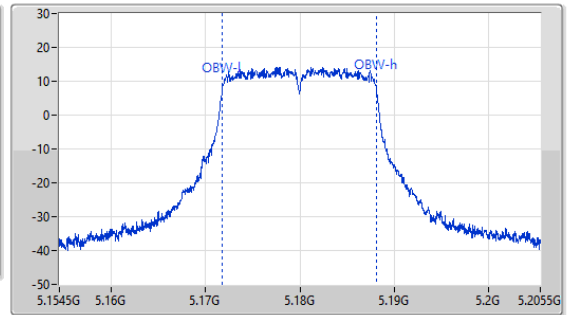
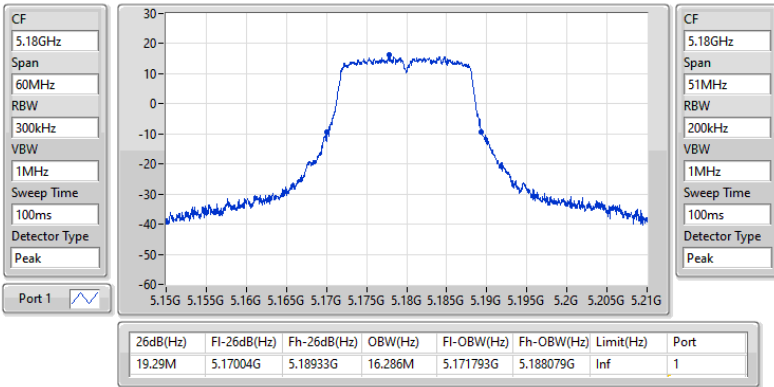
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

22/03/2023

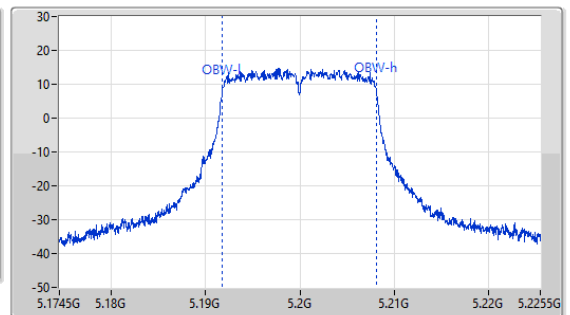
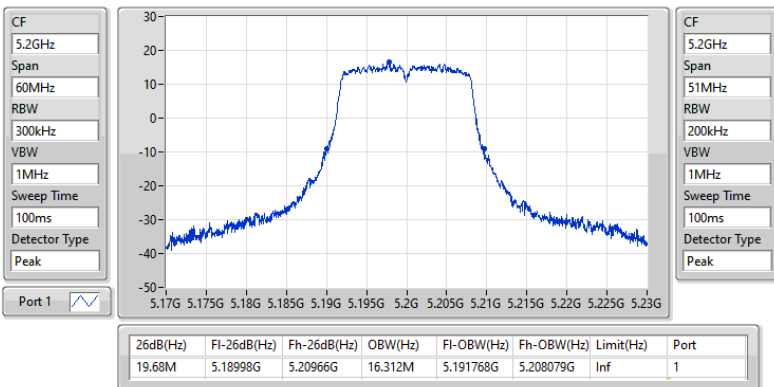


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

22/03/2023

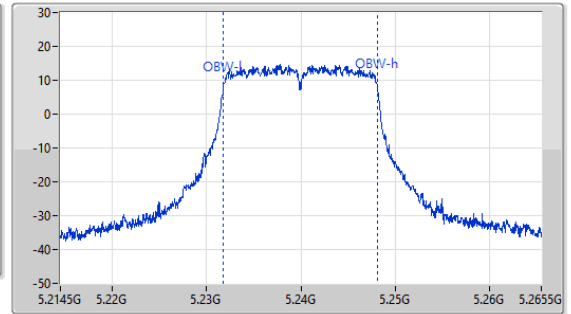
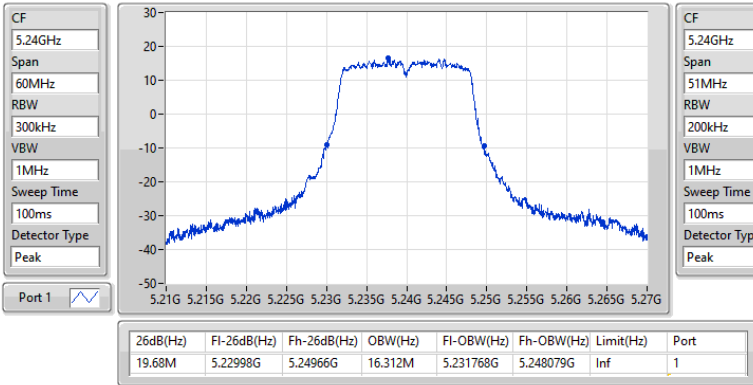


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

22/03/2023

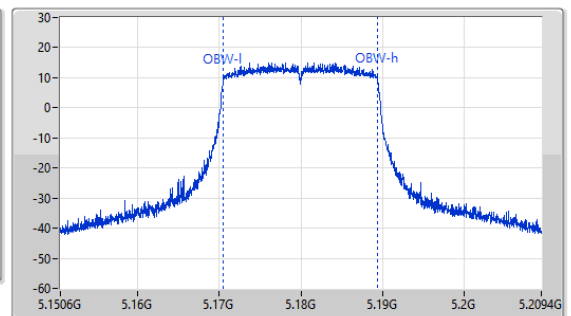
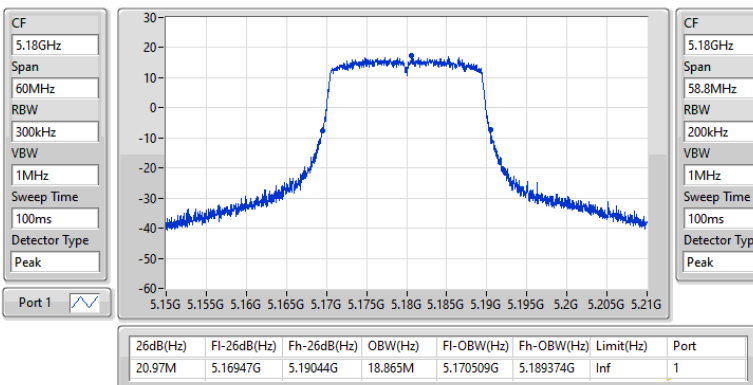


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

22/03/2023



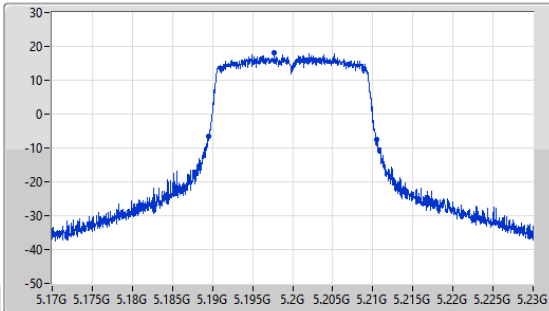
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

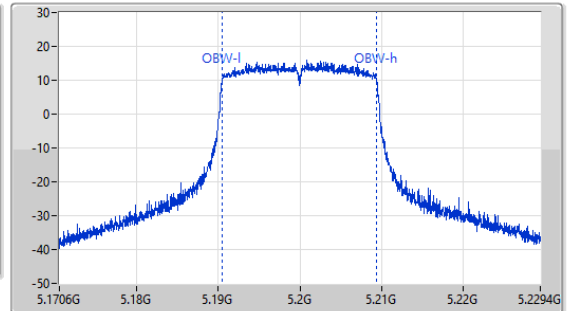
5200MHz

22/03/2023

CF
5.2GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.2GHz
Span
58.8MHz
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
20.97M	5.18947G	5.21044G	18.895M	5.190479G	5.209374G	Inf	1

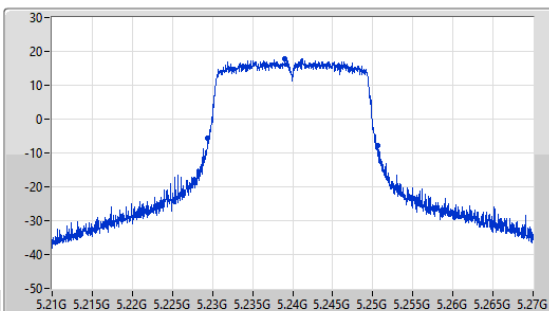
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

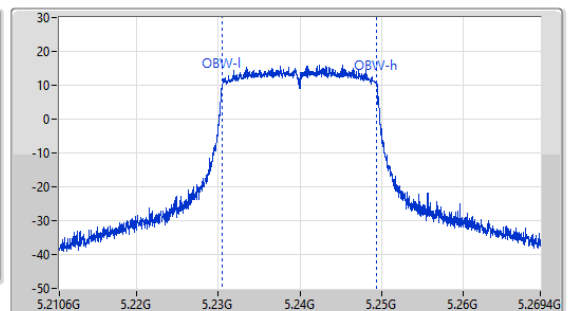
5240MHz

22/03/2023

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



CF
5.24GHz
Span
58.8MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.22935G	5.25059G	18.895M	5.230509G	5.249403G	Inf	1

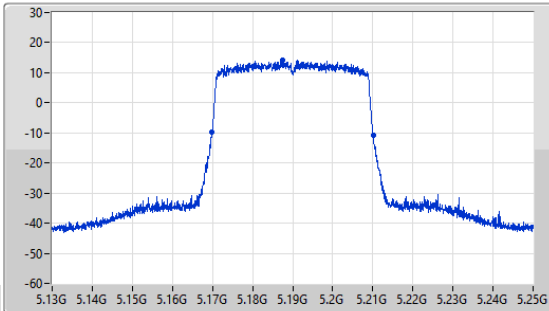
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

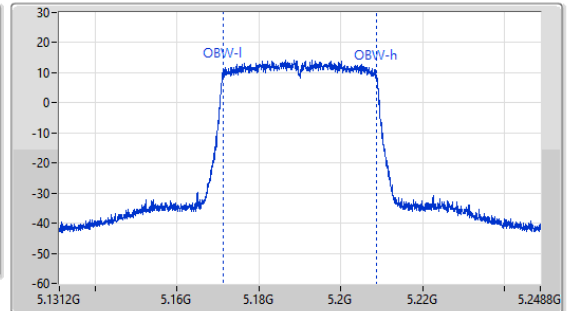
5190MHz

22/03/2023

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



CF
5.19GHz
Span
117.6MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.16972G	5.21022G	37.613M	5.171135G	5.208748G	Inf	1

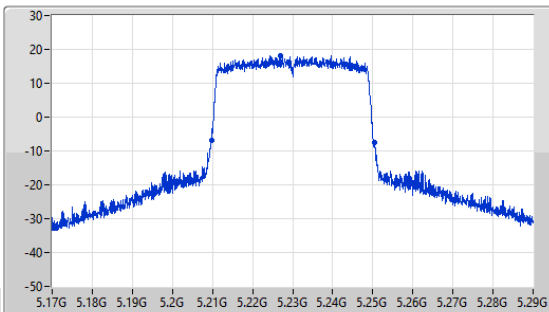
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

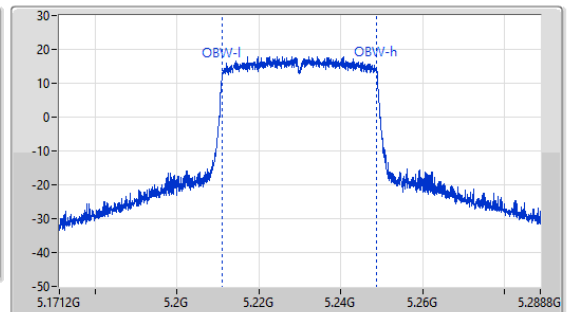
5230MHz

22/03/2023

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



CF
5.23GHz
Span
117.6MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



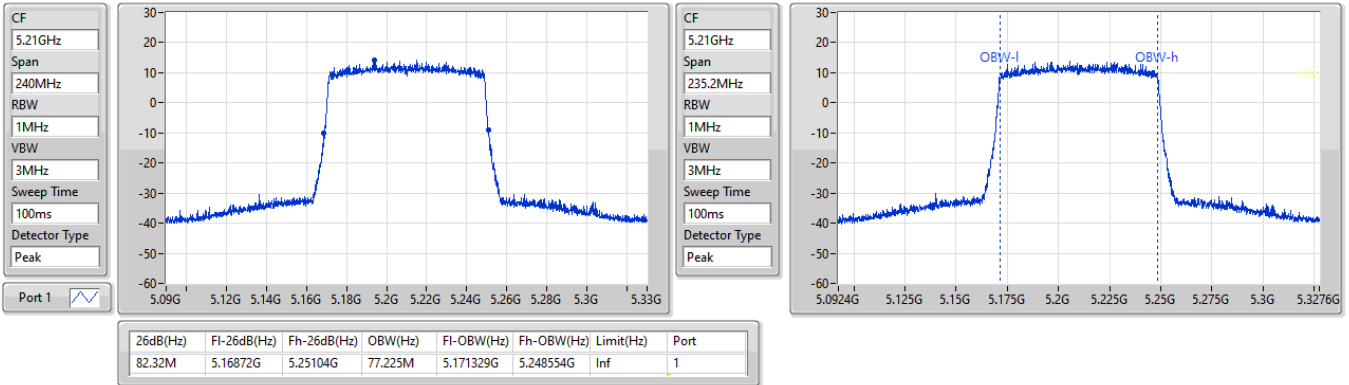
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.20972G	5.25052G	37.731M	5.211076G	5.248807G	Inf	1

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

22/03/2023

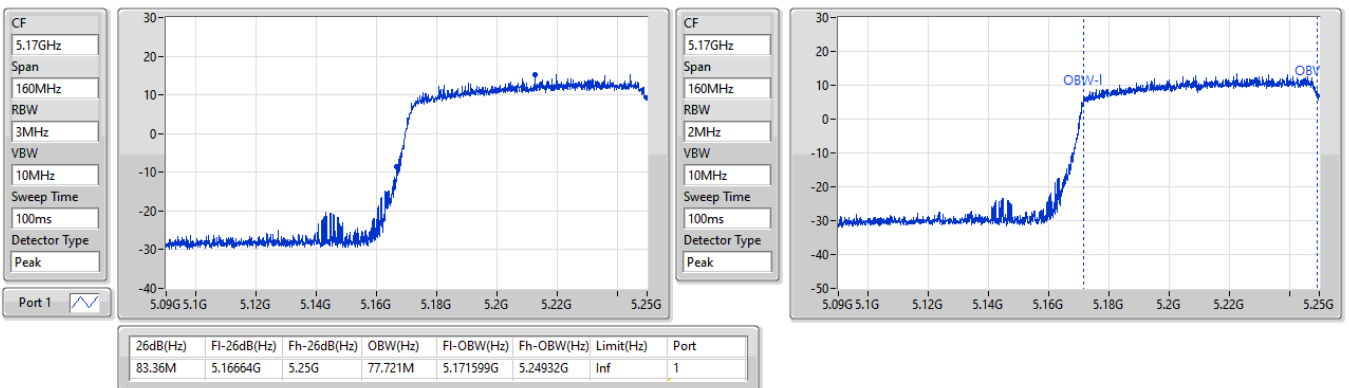


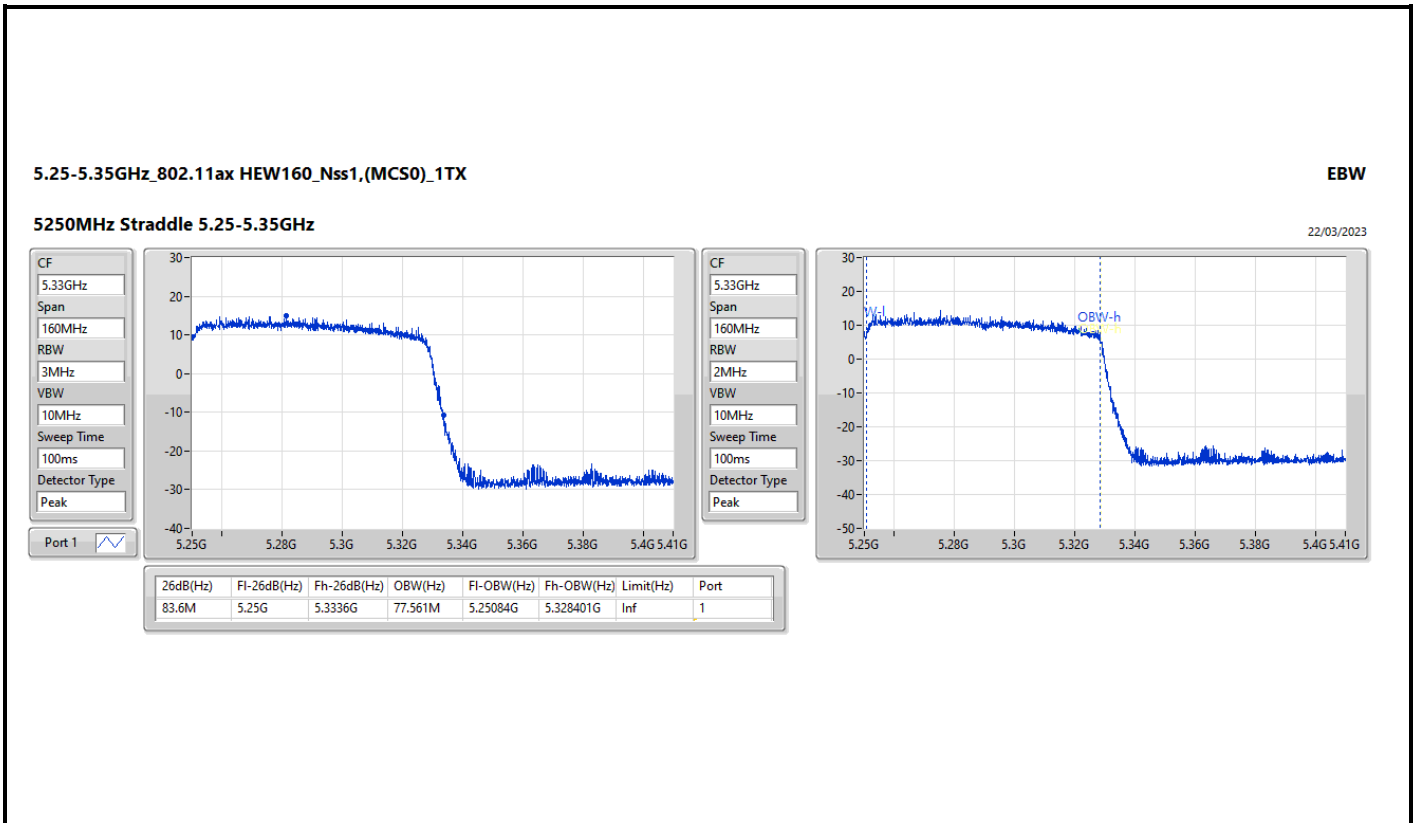
5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.15-5.25GHz

22/03/2023







Average Power_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.32	0.27040
802.11a_Nss1,(6Mbps)_2TX	27.51	0.56364
802.11a_Nss1,(6Mbps)_4TX	27.24	0.52966
802.11ax HEW20_Nss1,(MCS0)_1TX	24.48	0.28054
802.11ax HEW20_Nss1,(MCS0)_2TX	27.69	0.58749
802.11ax HEW20_Nss1,(MCS0)_4TX	28.26	0.66988
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.69	0.58749
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.26	0.66988
802.11ax HEW40_Nss1,(MCS0)_1TX	24.53	0.28379
802.11ax HEW40_Nss1,(MCS0)_2TX	27.19	0.52360
802.11ax HEW40_Nss1,(MCS0)_4TX	25.89	0.38815
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	27.19	0.52360
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.89	0.38815
802.11ax HEW80_Nss1,(MCS0)_1TX	21.88	0.15417
802.11ax HEW80_Nss1,(MCS0)_2TX	22.94	0.19679
802.11ax HEW80_Nss1,(MCS0)_4TX	20.87	0.12218
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.94	0.19679
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.87	0.12218
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.15	0.20654
802.11a_Nss1,(6Mbps)_2TX	23.08	0.20324
802.11a_Nss1,(6Mbps)_4TX	22.27	0.16866
802.11ax HEW20_Nss1,(MCS0)_1TX	23.79	0.23933
802.11ax HEW20_Nss1,(MCS0)_2TX	23.75	0.23714
802.11ax HEW20_Nss1,(MCS0)_4TX	22.78	0.18967
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.75	0.23714
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.78	0.18967
802.11ax HEW40_Nss1,(MCS0)_1TX	23.85	0.24266
802.11ax HEW40_Nss1,(MCS0)_2TX	23.75	0.23714
802.11ax HEW40_Nss1,(MCS0)_4TX	23.61	0.22961
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.75	0.23714
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.77	0.18923
802.11ax HEW80_Nss1,(MCS0)_1TX	21.84	0.15276
802.11ax HEW80_Nss1,(MCS0)_2TX	23.86	0.24322
802.11ax HEW80_Nss1,(MCS0)_4TX	21.62	0.14521
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.86	0.24322
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.62	0.14521
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.40	0.21878
802.11a_Nss1,(6Mbps)_2TX	23.51	0.22439
802.11a_Nss1,(6Mbps)_4TX	21.89	0.15453
802.11ax HEW20_Nss1,(MCS0)_1TX	23.85	0.24266
802.11ax HEW20_Nss1,(MCS0)_2TX	23.64	0.23121
802.11ax HEW20_Nss1,(MCS0)_4TX	22.37	0.17258
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.64	0.23121
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.37	0.17258
802.11ax HEW40_Nss1,(MCS0)_1TX	23.67	0.23281
802.11ax HEW40_Nss1,(MCS0)_2TX	23.79	0.23933
802.11ax HEW40_Nss1,(MCS0)_4TX	23.93	0.24717
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.79	0.23933
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.64	0.18365
802.11ax HEW80_Nss1,(MCS0)_1TX	23.57	0.22751
802.11ax HEW80_Nss1,(MCS0)_2TX	23.81	0.24044
802.11ax HEW80_Nss1,(MCS0)_4TX	23.62	0.23014



Average Power_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix C.1

Mode	Total Power (dBm)	Total Power (W)
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.81	0.24044
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.76	0.18880
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.78	0.23878
802.11a_Nss1,(6Mbps)_2TX	26.56	0.45290
802.11a_Nss1,(6Mbps)_4TX	29.46	0.88308
802.11ax HEW20_Nss1,(MCS0)_1TX	23.98	0.25003
802.11ax HEW20_Nss1,(MCS0)_2TX	26.94	0.49431
802.11ax HEW20_Nss1,(MCS0)_4TX	29.70	0.93325
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.94	0.49431
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.20	0.66069
802.11ax HEW40_Nss1,(MCS0)_1TX	24.34	0.27164
802.11ax HEW40_Nss1,(MCS0)_2TX	27.06	0.50816
802.11ax HEW40_Nss1,(MCS0)_4TX	29.55	0.90157
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	27.06	0.50816
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.08	0.64269
802.11ax HEW80_Nss1,(MCS0)_1TX	22.13	0.16331
802.11ax HEW80_Nss1,(MCS0)_2TX	24.56	0.28576
802.11ax HEW80_Nss1,(MCS0)_4TX	25.97	0.39537
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.56	0.28576
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.97	0.39537



Average Power_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47	23.66	-	-	-	23.66	30.00
5200MHz	Pass	1.47	24.24	-	-	-	24.24	30.00
5240MHz	Pass	1.47	24.32	-	-	-	24.32	30.00
5260MHz	Pass	1.36	23.15	-	-	-	23.15	23.91
5300MHz	Pass	1.36	22.97	-	-	-	22.97	23.89
5320MHz	Pass	1.36	23.15	-	-	-	23.15	23.93
5500MHz	Pass	2.39	23.4	-	-	-	23.40	23.98
5580MHz	Pass	2.39	23.2	-	-	-	23.20	23.97
5700MHz	Pass	2.39	20.9	-	-	-	20.90	23.93
5720MHz Straddle 5.47-5.725GHz	Pass	2.39	22.55	-	-	-	22.55	22.88
5720MHz Straddle 5.725-5.85GHz	Pass	2.26	16.04	-	-	-	16.04	30.00
5745MHz	Pass	2.26	23.78	-	-	-	23.78	30.00
5785MHz	Pass	2.26	23.41	-	-	-	23.41	30.00
5825MHz	Pass	2.26	23.46	-	-	-	23.46	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47	23.72	-	-	-	23.72	30.00
5200MHz	Pass	1.47	24.45	-	-	-	24.45	30.00
5240MHz	Pass	1.47	24.48	-	-	-	24.48	30.00
5260MHz	Pass	1.36	23.79	-	-	-	23.79	23.98
5300MHz	Pass	1.36	23.49	-	-	-	23.49	23.98
5320MHz	Pass	1.36	23.41	-	-	-	23.41	23.98
5500MHz	Pass	2.39	22.71	-	-	-	22.71	23.98
5580MHz	Pass	2.39	23.85	-	-	-	23.85	23.98
5700MHz	Pass	2.39	21.08	-	-	-	21.08	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.39	23.28	-	-	-	23.28	23.39
5720MHz Straddle 5.725-5.85GHz	Pass	2.26	17.69	-	-	-	17.69	30.00
5745MHz	Pass	2.26	23.98	-	-	-	23.98	30.00
5785MHz	Pass	2.26	23.61	-	-	-	23.61	30.00
5825MHz	Pass	2.26	23.63	-	-	-	23.63	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.47	22.42	-	-	-	22.42	30.00
5230MHz	Pass	1.47	24.53	-	-	-	24.53	30.00
5270MHz	Pass	1.36	23.85	-	-	-	23.85	23.98
5310MHz	Pass	1.36	22.21	-	-	-	22.21	23.98
5510MHz	Pass	2.39	21.76	-	-	-	21.76	23.98
5550MHz	Pass	2.39	23.62	-	-	-	23.62	23.98
5670MHz	Pass	2.39	22.03	-	-	-	22.03	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.39	23.67	-	-	-	23.67	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.26	13.5	-	-	-	13.50	30.00
5755MHz	Pass	2.26	24.34	-	-	-	24.34	30.00
5795MHz	Pass	2.26	23.94	-	-	-	23.94	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.47	21.88	-	-	-	21.88	30.00
5290MHz	Pass	1.36	21.84	-	-	-	21.84	23.98
5530MHz	Pass	2.39	21.32	-	-	-	21.32	23.98
5610MHz	Pass	2.39	23.56	-	-	-	23.56	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.39	23.57	-	-	-	23.57	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.26	9.27	-	-	-	9.27	30.00
5775MHz	Pass	2.26	22.13	-	-	-	22.13	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47	22.47	21.99	-	-	25.25	30.00
5200MHz	Pass	1.47	24.44	24.49	-	-	27.48	30.00
5240MHz	Pass	1.47	24.53	24.46	-	-	27.51	30.00
5260MHz	Pass	1.71	19.9	19.69	-	-	22.81	23.85



Average Power_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) 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)
5300MHz	Pass	1.71	20.19	19.94	-	-	23.08	23.89
5320MHz	Pass	1.71	19.94	19.86	-	-	22.91	23.87
5500MHz	Pass	3.09	20.71	20.27	-	-	23.51	23.87
5580MHz	Pass	3.09	20.4	19.97	-	-	23.20	23.88
5700MHz	Pass	3.09	20.6	19.81	-	-	23.23	23.87
5720MHz Straddle 5.47-5.725GHz	Pass	3.09	19.81	19.04	-	-	22.45	22.67
5720MHz Straddle 5.725-5.85GHz	Pass	3.45	12.7	12.63	-	-	15.68	30.00
5745MHz	Pass	3.45	23.89	23.19	-	-	26.56	30.00
5785MHz	Pass	3.45	23.65	23.02	-	-	26.36	30.00
5825MHz	Pass	3.45	23.43	22.89	-	-	26.18	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47	22.57	22.31	-	-	25.45	30.00
5200MHz	Pass	1.47	24.62	24.74	-	-	27.69	30.00
5240MHz	Pass	1.47	24.53	24.6	-	-	27.58	30.00
5260MHz	Pass	1.71	20.75	20.59	-	-	23.68	23.98
5300MHz	Pass	1.71	20.53	20.39	-	-	23.47	23.98
5320MHz	Pass	1.71	20.85	20.62	-	-	23.75	23.98
5500MHz	Pass	3.09	20.9	20.35	-	-	23.64	23.98
5580MHz	Pass	3.09	20.78	20.23	-	-	23.52	23.98
5700MHz	Pass	3.09	20.24	19.72	-	-	23.00	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.09	20.24	19.38	-	-	22.84	22.91
5720MHz Straddle 5.725-5.85GHz	Pass	3.45	13.92	14.11	-	-	17.03	30.00
5745MHz	Pass	3.45	24.26	23.58	-	-	26.94	30.00
5785MHz	Pass	3.45	23.25	23.2	-	-	26.24	30.00
5825MHz	Pass	3.45	23.75	23.11	-	-	26.45	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.47	20.18	20.2	-	-	23.20	30.00
5230MHz	Pass	1.47	24.14	24.21	-	-	27.19	30.00
5270MHz	Pass	1.71	20.67	20.5	-	-	23.60	23.98
5310MHz	Pass	1.71	20.82	20.65	-	-	23.75	23.98
5510MHz	Pass	3.09	21.02	20.52	-	-	23.79	23.98
5550MHz	Pass	3.09	21.04	20.3	-	-	23.70	23.98
5670MHz	Pass	3.09	21.06	20.44	-	-	23.77	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.09	21.05	20.49	-	-	23.79	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.45	10.34	10.63	-	-	13.50	30.00
5755MHz	Pass	3.45	24.42	23.65	-	-	27.06	30.00
5795MHz	Pass	3.45	24.03	23.45	-	-	26.76	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.47	20	19.86	-	-	22.94	30.00
5290MHz	Pass	1.71	20.91	20.78	-	-	23.86	23.98
5530MHz	Pass	3.09	20.06	19.59	-	-	22.84	23.98
5610MHz	Pass	3.09	20.78	19.49	-	-	23.19	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.09	21.11	20.46	-	-	23.81	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.45	6.46	6.68	-	-	9.58	30.00
5775MHz	Pass	3.45	21.81	21.28	-	-	24.56	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.42	19.86	19.74	19.29	18.38	25.38	30.00
5200MHz	Pass	3.42	21.73	21.4	21.03	20.33	27.17	30.00
5240MHz	Pass	3.42	21.78	21.46	21.33	20.13	27.24	30.00
5260MHz	Pass	3.54	15.98	16.69	16.49	15.79	22.27	23.79
5300MHz	Pass	3.54	16.5	15.91	15.78	15.1	21.87	23.87
5320MHz	Pass	3.54	16.57	16.57	15.69	15.3	22.09	23.75
5500MHz	Pass	4.20	16.46	16.03	15.85	15.01	21.89	23.83
5580MHz	Pass	4.20	15.65	14.44	15.64	14.76	21.18	23.57
5700MHz	Pass	4.20	16.05	15.01	15.97	15.52	21.68	23.79
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	15.2	15.21	15.21	14.72	21.11	22.68



Average Power_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix C.1

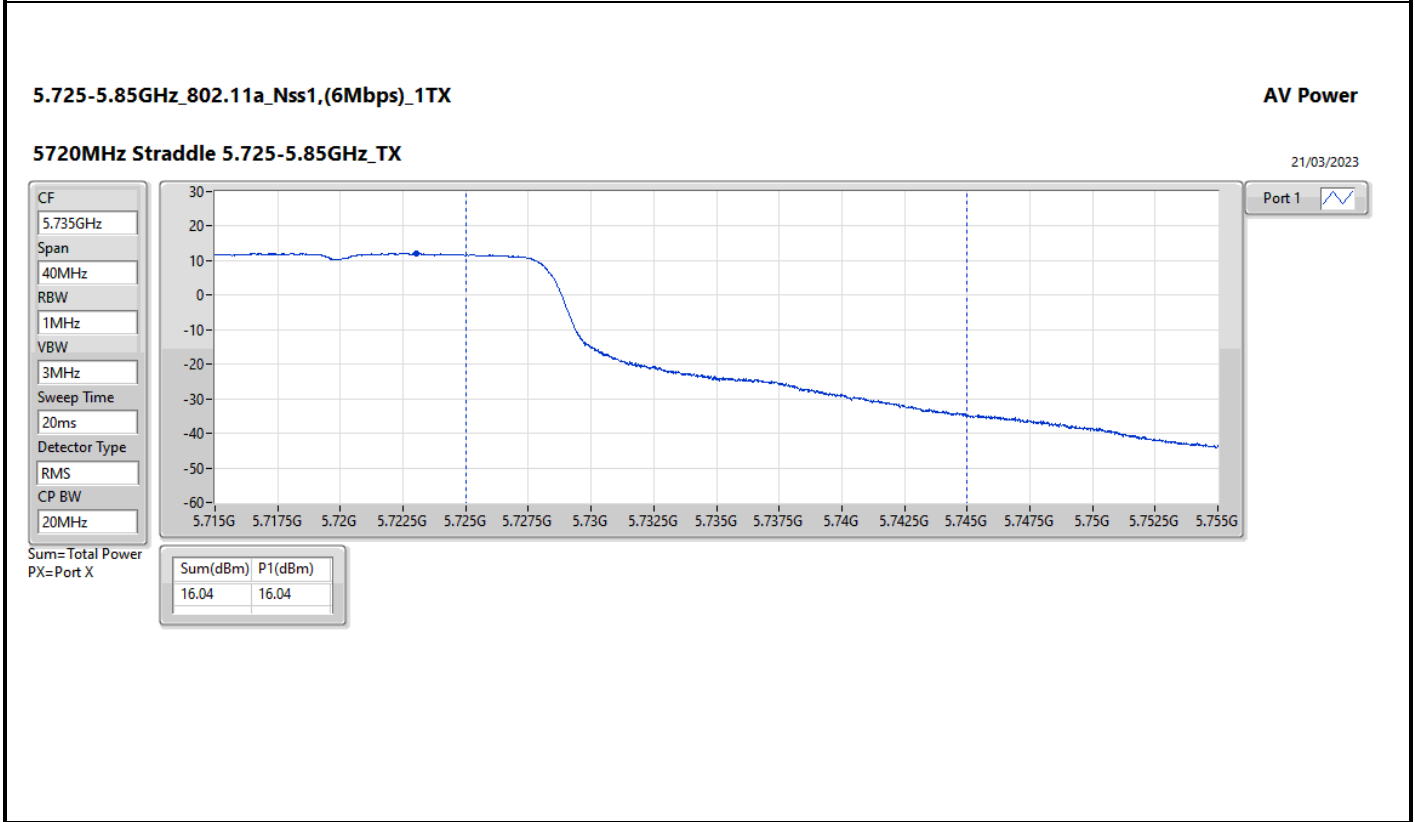
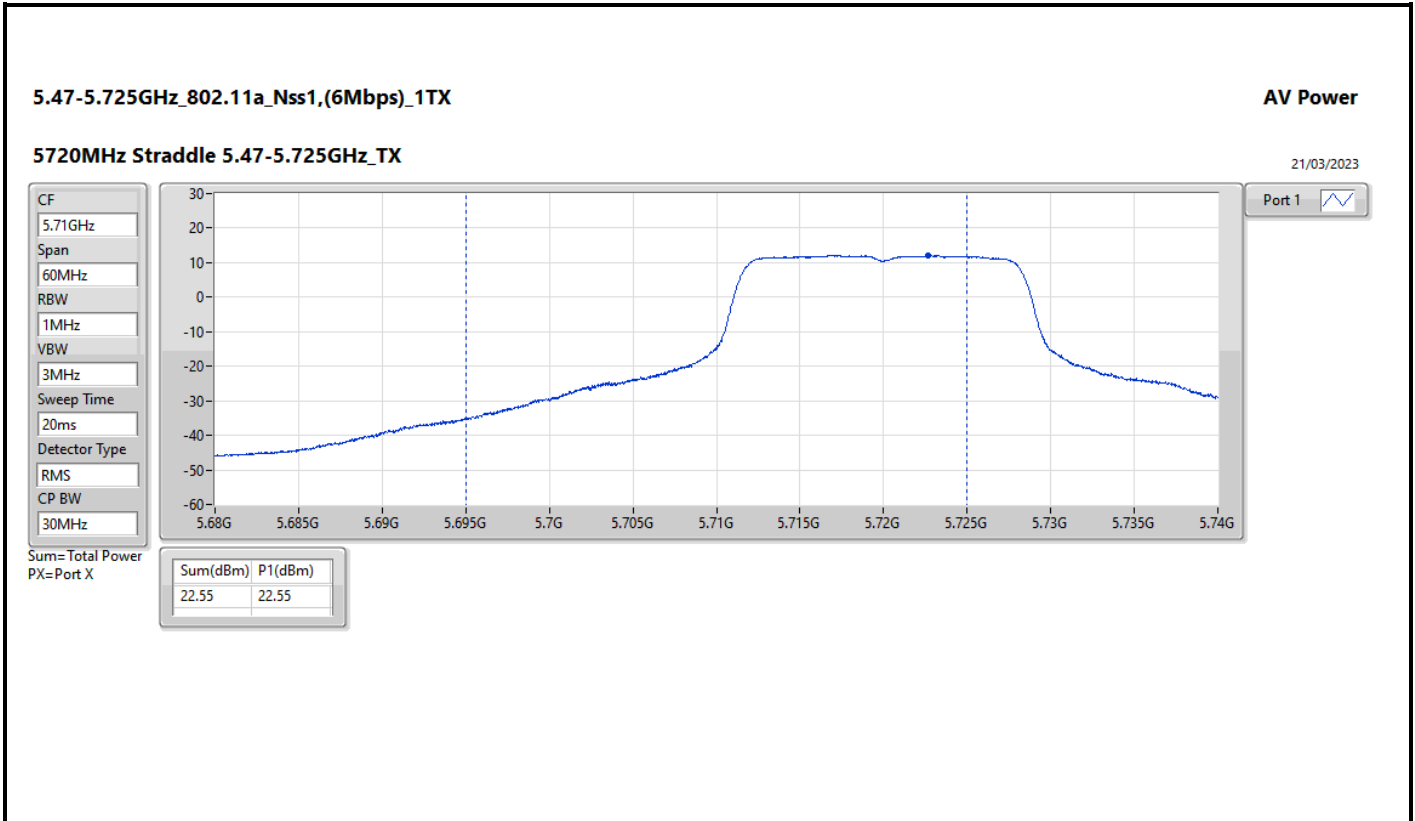
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	4.41	10.14	5.49	7.61	8.38	14.24	30.00
5745MHz	Pass	4.41	23.99	23.04	23.48	23.2	29.46	30.00
5785MHz	Pass	4.41	23.46	22.86	22.52	23.16	29.03	30.00
5825MHz	Pass	4.41	23.59	22.63	22.98	23.02	29.09	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.42	19.78	19.33	19.17	18.27	25.19	30.00
5200MHz	Pass	3.42	22.58	22.66	22.36	21.2	28.26	30.00
5240MHz	Pass	3.42	22.01	21.73	21.35	20.68	27.49	30.00
5260MHz	Pass	3.54	17.14	16.93	16.95	15.93	22.78	23.98
5300MHz	Pass	3.54	16.95	16.87	16.25	15.66	22.48	23.98
5320MHz	Pass	3.54	17.13	17.19	16.51	16.01	22.76	23.98
5500MHz	Pass	4.20	16.75	16.11	16.76	15.69	22.37	23.98
5580MHz	Pass	4.20	16.22	15.55	16.1	15.2	21.81	23.98
5700MHz	Pass	4.20	16.24	15.28	16.21	15.48	21.84	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.20	15.62	15.21	14.75	15.1	21.20	22.94
5720MHz Straddle 5.725-5.85GHz	Pass	4.41	9.9	8.86	9.08	8.52	15.14	30.00
5745MHz	Pass	4.41	24.37	22.97	23.83	23.43	29.70	30.00
5785MHz	Pass	4.41	23.93	22.75	23.27	23.01	29.28	30.00
5825MHz	Pass	4.41	23.96	22.61	22.79	23.07	29.16	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.42	15.42	15	14.88	14.09	20.89	30.00
5230MHz	Pass	3.42	20.11	20.2	19.74	19.4	25.89	30.00
5270MHz	Pass	3.54	17.84	17.68	17.65	17.16	23.61	23.98
5310MHz	Pass	3.54	16.82	16.68	16.23	15.53	22.36	23.98
5510MHz	Pass	4.20	18.12	17.58	17.81	17.41	23.76	23.98
5550MHz	Pass	4.20	17.89	17.16	17.53	17.35	23.51	23.98
5670MHz	Pass	4.20	18.23	17.3	18.38	17.64	23.93	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.20	17.92	17.11	17.6	17.29	23.51	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.41	7.92	5.21	6.97	7.15	12.94	30.00
5755MHz	Pass	4.41	23.42	22.64	22.95	22.41	28.89	30.00
5795MHz	Pass	4.41	23.71	23.48	23.5	23.44	29.55	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.42	15.42	14.87	14.49	14.54	20.87	30.00
5290MHz	Pass	3.54	15.79	15.79	15.65	15.13	21.62	23.98
5530MHz	Pass	4.20	18.07	17.38	17.67	17.25	23.62	23.98
5610MHz	Pass	4.20	17.67	17.01	17.95	17.31	23.52	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.20	17.91	17.09	17.76	17.36	23.56	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.41	3.91	1.33	3.45	2.96	9.04	30.00
5775MHz	Pass	4.41	20.22	19.8	20.04	19.71	25.97	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.85	22.57	22.31	-	-	25.45	30.00
5200MHz	Pass	2.85	24.62	24.74	-	-	27.69	30.00
5240MHz	Pass	2.85	24.53	24.6	-	-	27.58	30.00
5260MHz	Pass	2.93	20.75	20.59	-	-	23.68	23.98
5300MHz	Pass	2.93	20.53	20.39	-	-	23.47	23.98
5320MHz	Pass	2.93	20.85	20.62	-	-	23.75	23.98
5500MHz	Pass	5.09	20.9	20.35	-	-	23.64	23.98
5580MHz	Pass	5.09	20.78	20.23	-	-	23.52	23.98
5700MHz	Pass	5.09	20.24	19.72	-	-	23.00	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.09	20.24	19.38	-	-	22.84	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.42	13.92	14.11	-	-	17.03	30.00
5745MHz	Pass	5.42	24.26	23.58	-	-	26.94	30.00
5785MHz	Pass	5.42	23.25	23.2	-	-	26.24	30.00
5825MHz	Pass	5.42	23.75	23.11	-	-	26.45	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.85	20.18	20.2	-	-	23.20	30.00

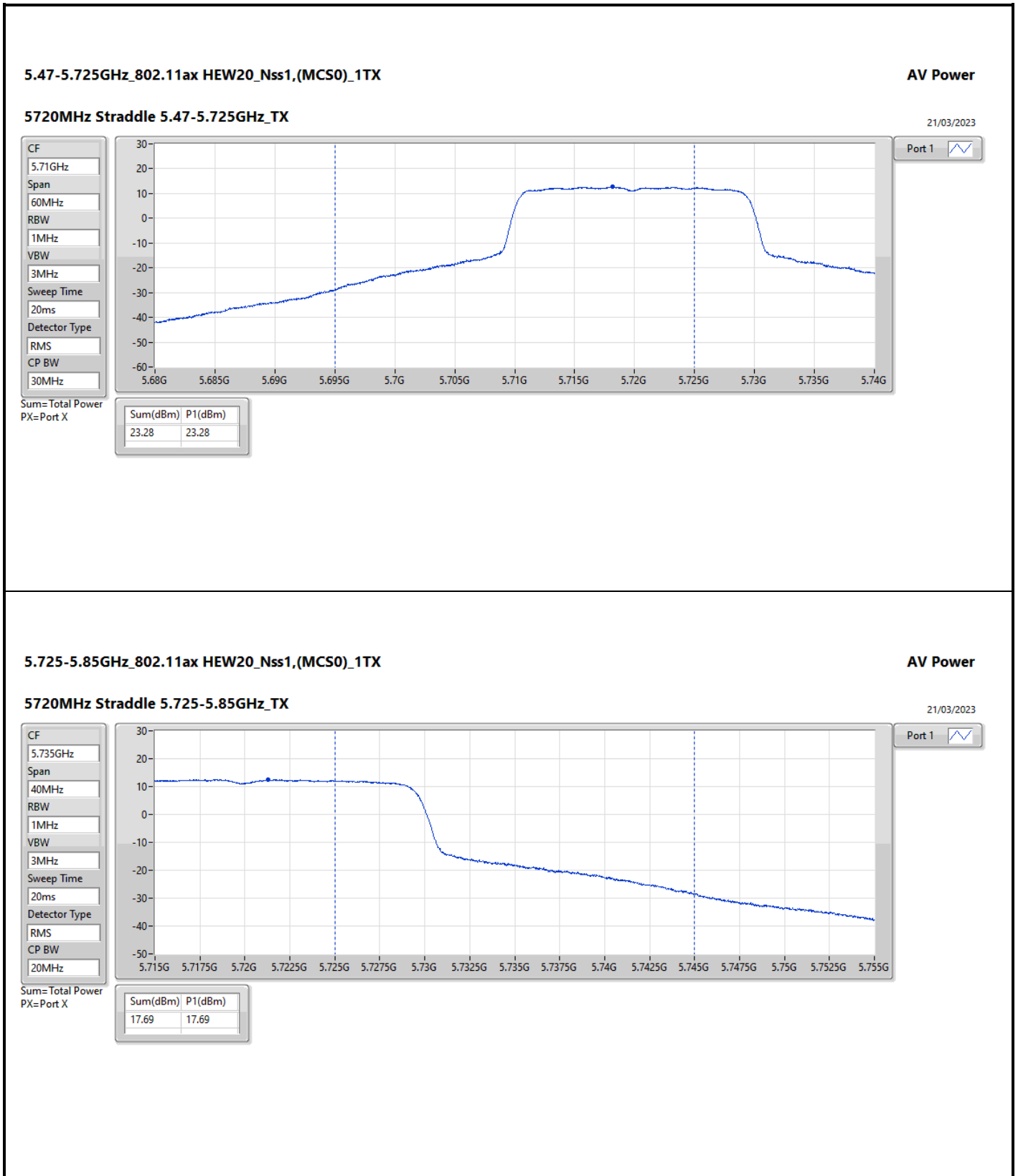


Average Power_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix C.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5230MHz	Pass	2.85	24.14	24.21	-	-	27.19	30.00
5270MHz	Pass	2.93	20.67	20.5	-	-	23.60	23.98
5310MHz	Pass	2.93	20.82	20.65	-	-	23.75	23.98
5510MHz	Pass	5.09	21.02	20.52	-	-	23.79	23.98
5550MHz	Pass	5.09	21.04	20.3	-	-	23.70	23.98
5670MHz	Pass	5.09	21.06	20.44	-	-	23.77	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.09	21.05	20.49	-	-	23.79	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.42	10.34	10.63	-	-	13.50	30.00
5755MHz	Pass	5.42	24.42	23.65	-	-	27.06	30.00
5795MHz	Pass	5.42	24.03	23.45	-	-	26.76	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.85	20	19.86	-	-	22.94	30.00
5290MHz	Pass	2.93	20.91	20.78	-	-	23.86	23.98
5530MHz	Pass	5.09	20.06	19.59	-	-	22.84	23.98
5610MHz	Pass	5.09	20.78	19.49	-	-	23.19	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.09	21.11	20.46	-	-	23.81	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.42	6.46	6.68	-	-	9.58	30.00
5775MHz	Pass	5.42	21.81	21.28	-	-	24.56	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.58	19.78	19.33	19.17	18.27	25.19	29.42
5200MHz	Pass	6.58	22.58	22.66	22.36	21.2	28.26	29.42
5240MHz	Pass	6.58	22.01	21.73	21.35	20.68	27.49	29.42
5260MHz	Pass	6.15	17.14	16.93	16.95	15.93	22.78	23.83
5300MHz	Pass	6.15	16.95	16.87	16.25	15.66	22.48	23.83
5320MHz	Pass	6.15	17.13	17.19	16.51	16.01	22.76	23.83
5500MHz	Pass	6.87	16.75	16.11	16.76	15.69	22.37	23.11
5580MHz	Pass	6.87	16.22	15.55	16.1	15.2	21.81	23.11
5700MHz	Pass	6.87	16.24	15.28	16.21	15.48	21.84	23.11
5720MHz Straddle 5.47-5.725GHz	Pass	6.87	15.62	15.21	14.75	15.1	21.20	23.11
5720MHz Straddle 5.725-5.85GHz	Pass	7.35	9.9	8.86	9.08	8.52	15.14	28.65
5745MHz	Pass	7.35	23.19	21.33	22.36	21.6	28.20	28.65
5785MHz	Pass	7.35	23.01	21.11	22.11	21.52	28.02	28.65
5825MHz	Pass	7.35	23.1	21.81	21.36	21.77	28.08	28.65
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.58	15.42	15	14.88	14.09	20.89	29.42
5230MHz	Pass	6.58	20.11	20.2	19.74	19.4	25.89	29.42
5270MHz	Pass	6.15	17.44	16.28	16.91	16.24	22.77	23.83
5310MHz	Pass	6.15	16.82	16.68	16.23	15.53	22.36	23.83
5510MHz	Pass	6.87	16.85	16.99	15.93	16.5	22.61	23.11
5550MHz	Pass	6.87	16.29	17.63	16.73	15.56	22.64	23.11
5670MHz	Pass	6.87	17.14	15.79	16.7	16.03	22.47	23.11
5710MHz Straddle 5.47-5.725GHz	Pass	6.87	16.98	16.18	16.67	16.35	22.58	23.11
5710MHz Straddle 5.725-5.85GHz	Pass	7.35	6.05	3.34	5.15	5.19	11.06	28.65
5755MHz	Pass	7.35	22.45	21.74	21.94	21.45	27.93	28.65
5795MHz	Pass	7.35	22.47	22.09	21.67	21.98	28.08	28.65
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.58	15.42	14.87	14.49	14.54	20.87	29.42
5290MHz	Pass	6.15	15.79	15.79	15.65	15.13	21.62	23.83
5530MHz	Pass	6.87	17.41	16.75	16.64	16.05	22.76	23.11
5610MHz	Pass	6.87	16.63	15.99	16.83	15.91	22.38	23.11
5690MHz Straddle 5.47-5.725GHz	Pass	6.87	16.94	16.10	17.00	16.31	22.63	23.11
5690MHz Straddle 5.725-5.85GHz	Pass	7.35	3.00	0.40	2.49	1.96	8.09	28.65
5775MHz	Pass	7.35	20.22	19.8	20.04	19.71	25.97	28.65

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





5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5720MHz Straddle 5.725-5.85GHz_TX

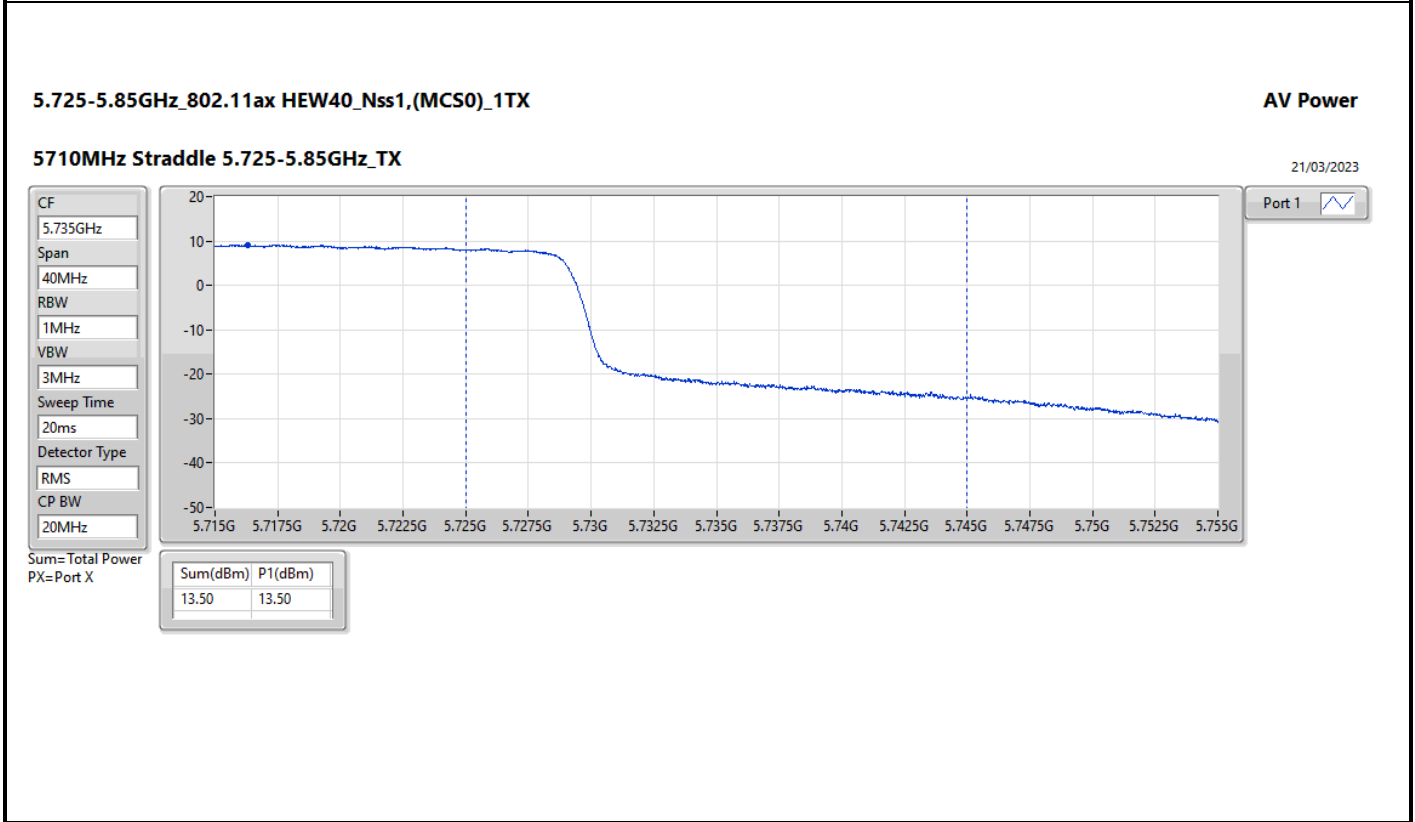
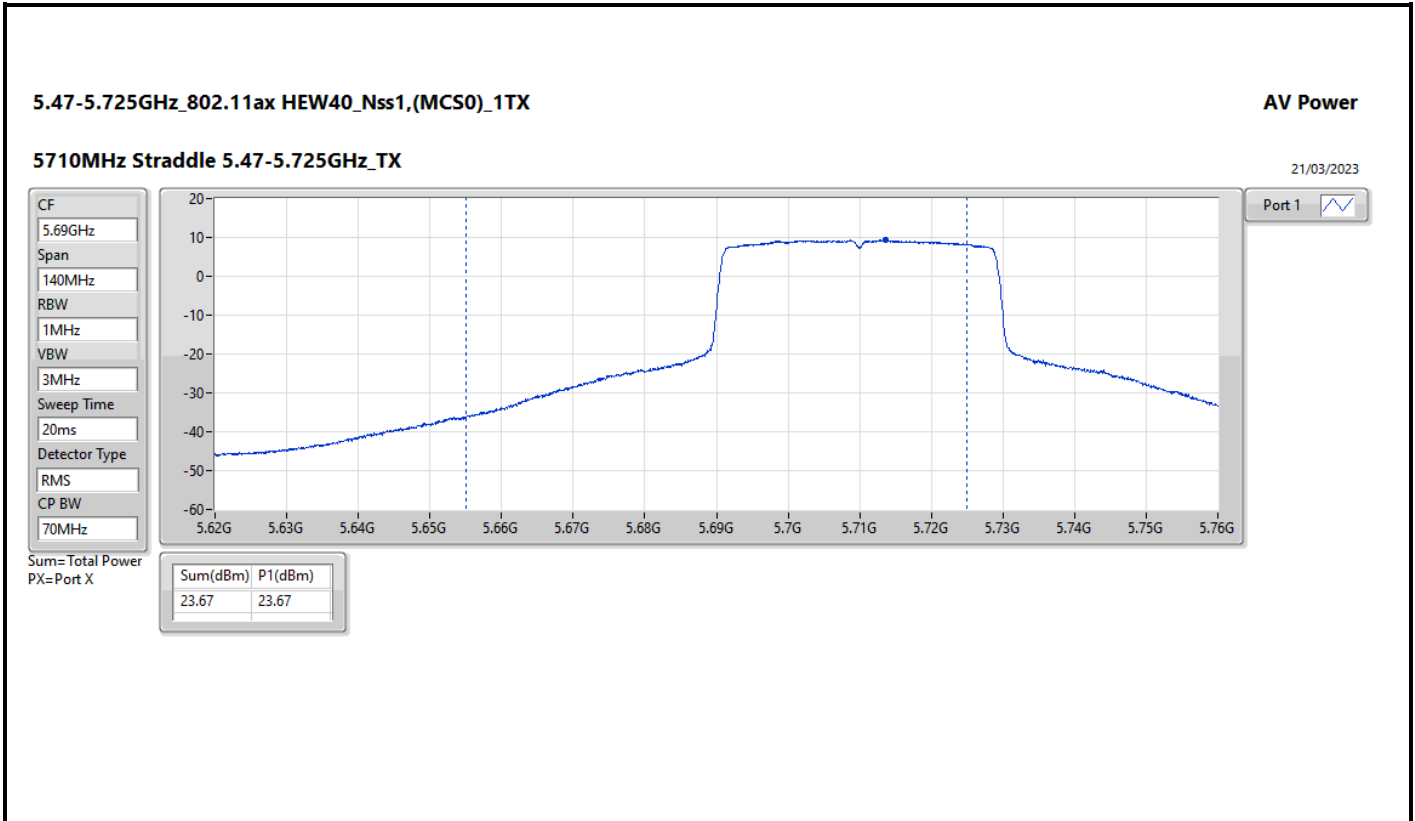
AV Power

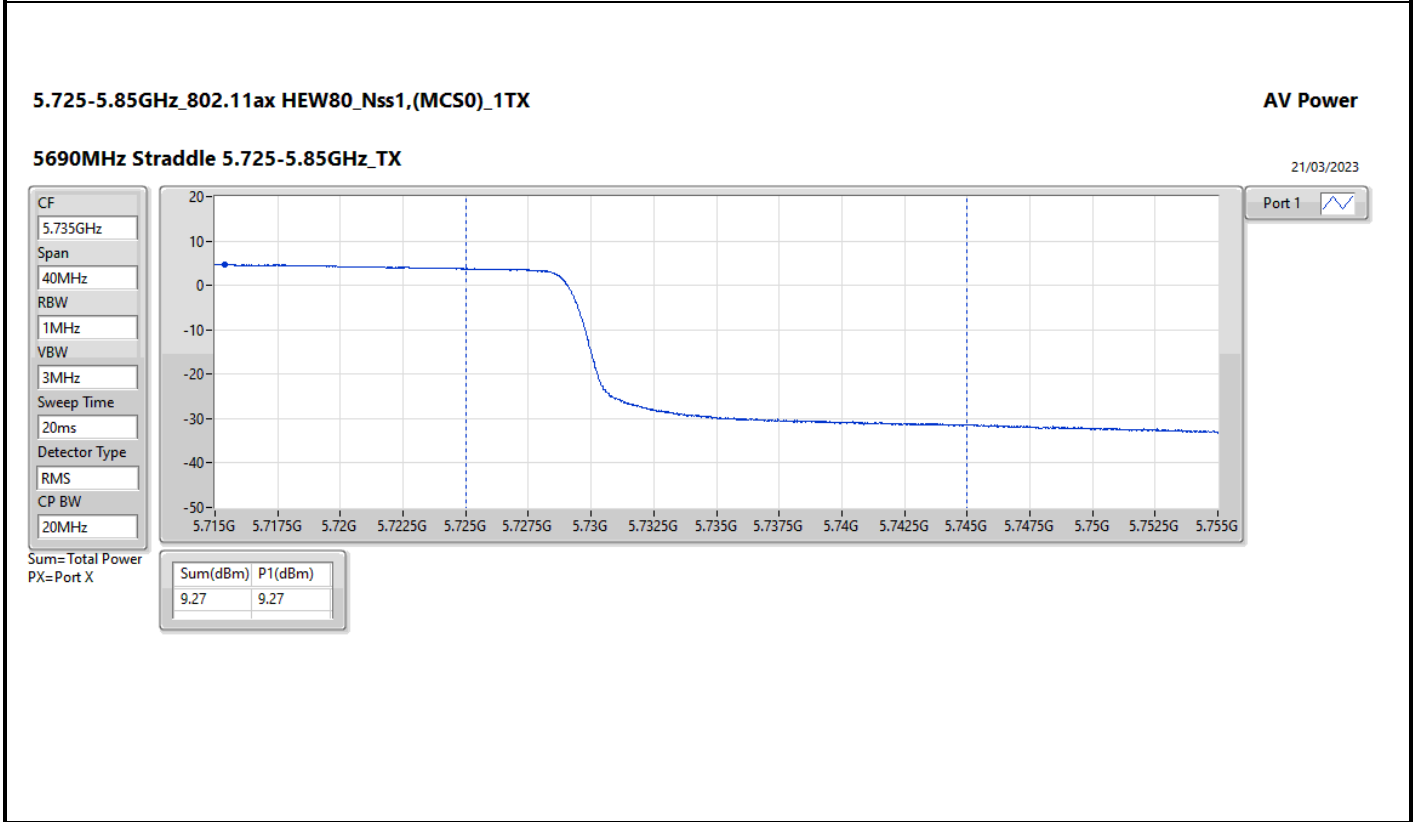
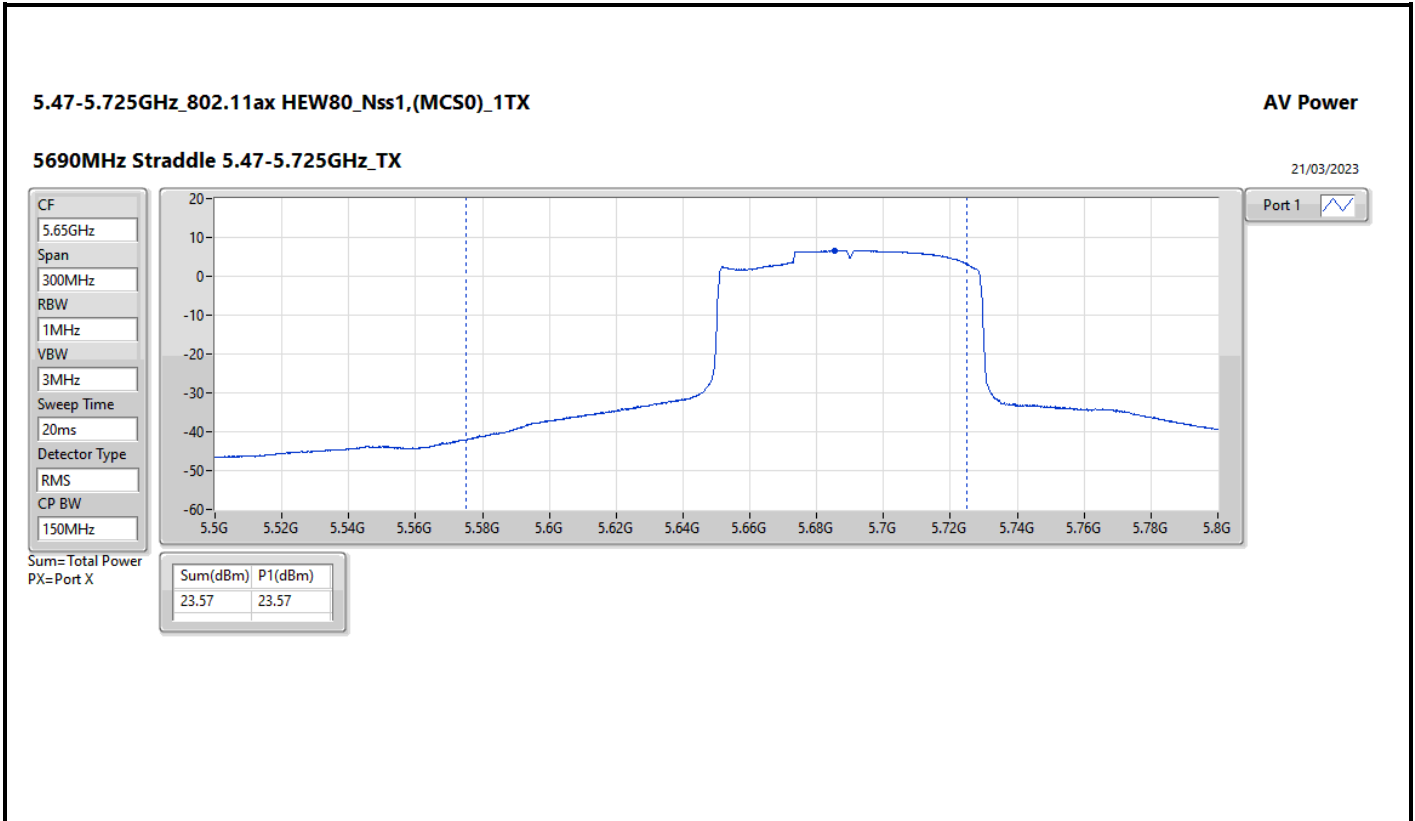
21/03/2023

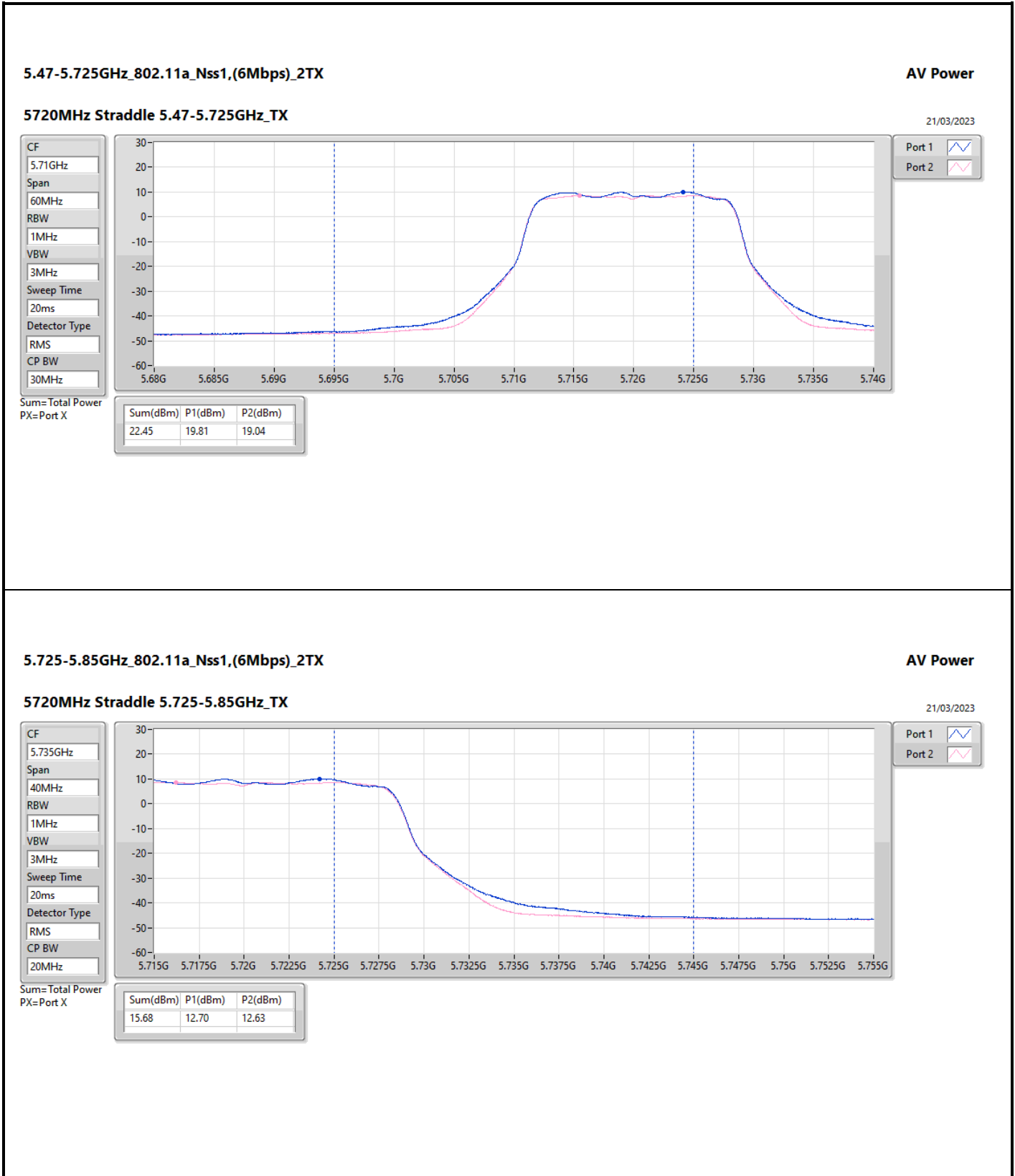
CF	5.735GHz
Span	40MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS
CP BW	20MHz



Sum=Total Power PX=Port X	
Sum(dBm)	P1(dBm)
17.69	17.69







5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz_TX

AV Power

21/03/2023

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

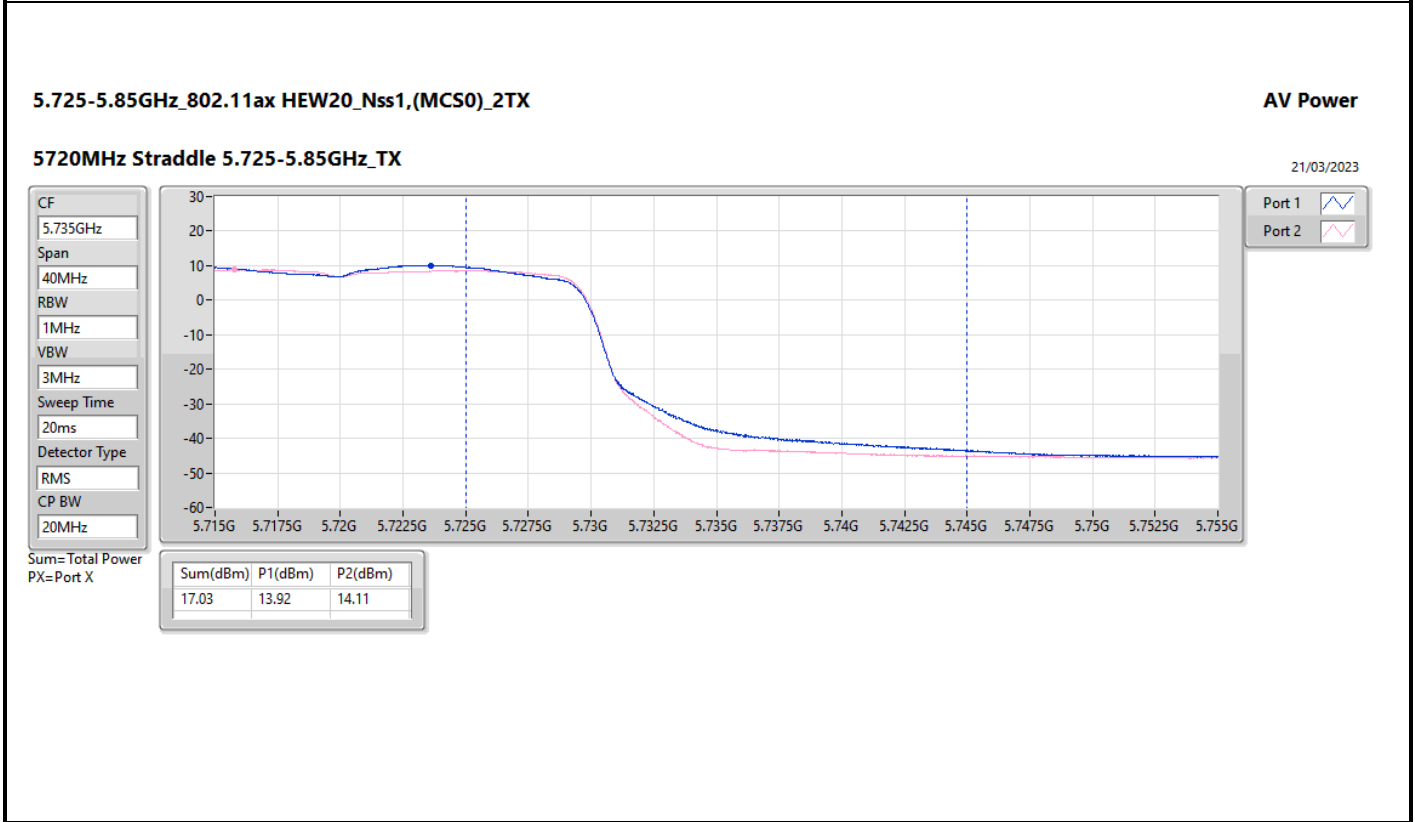
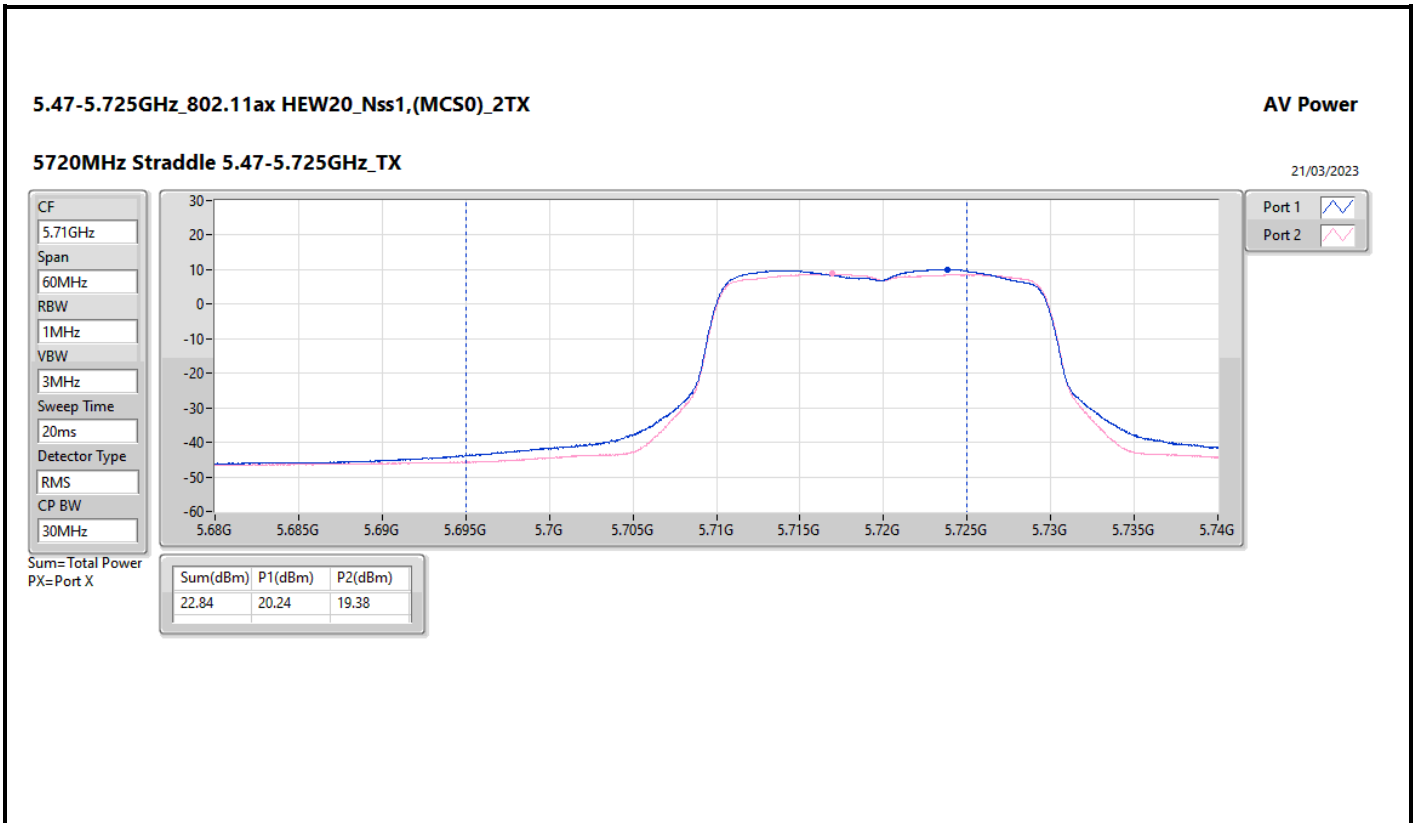
20MHz

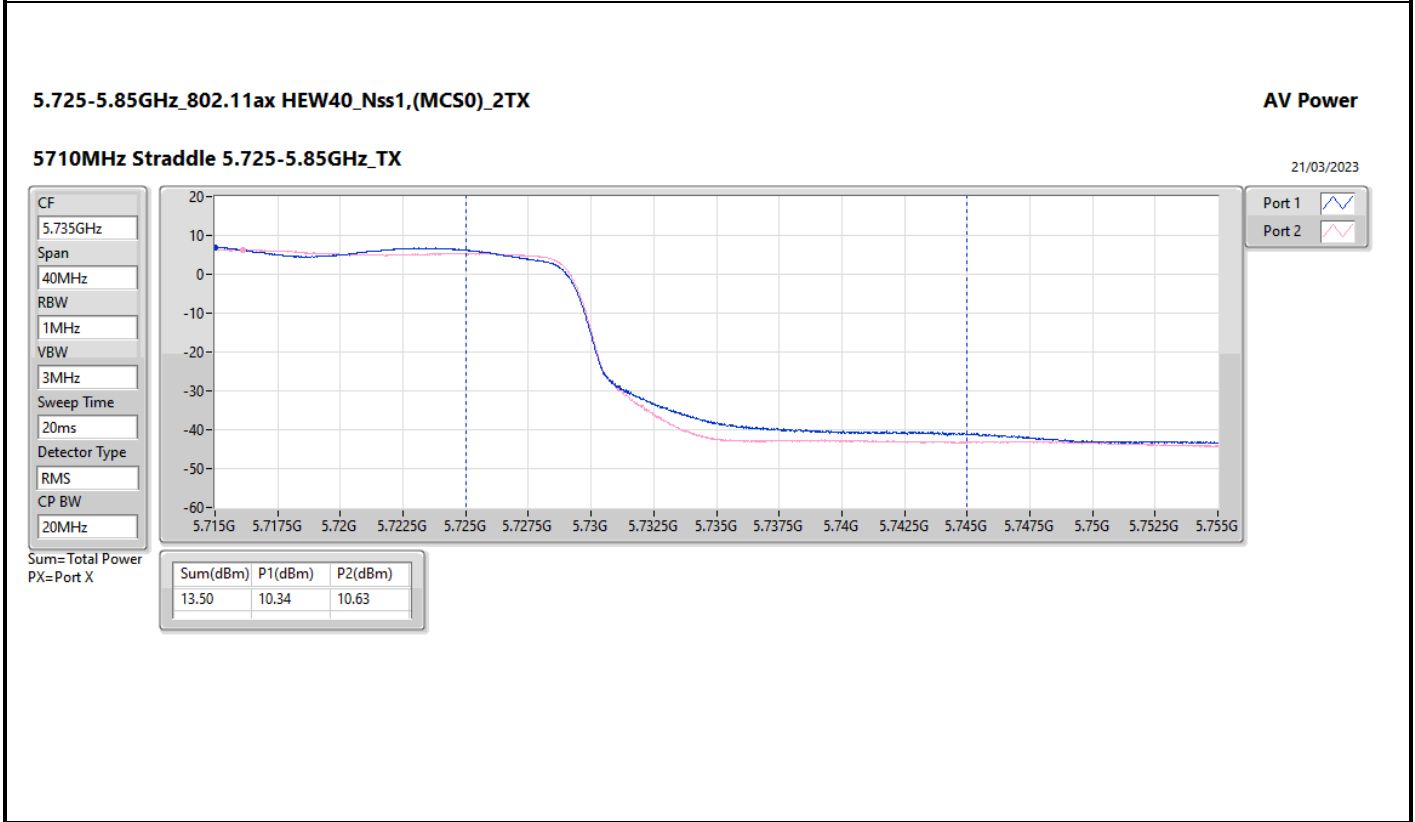
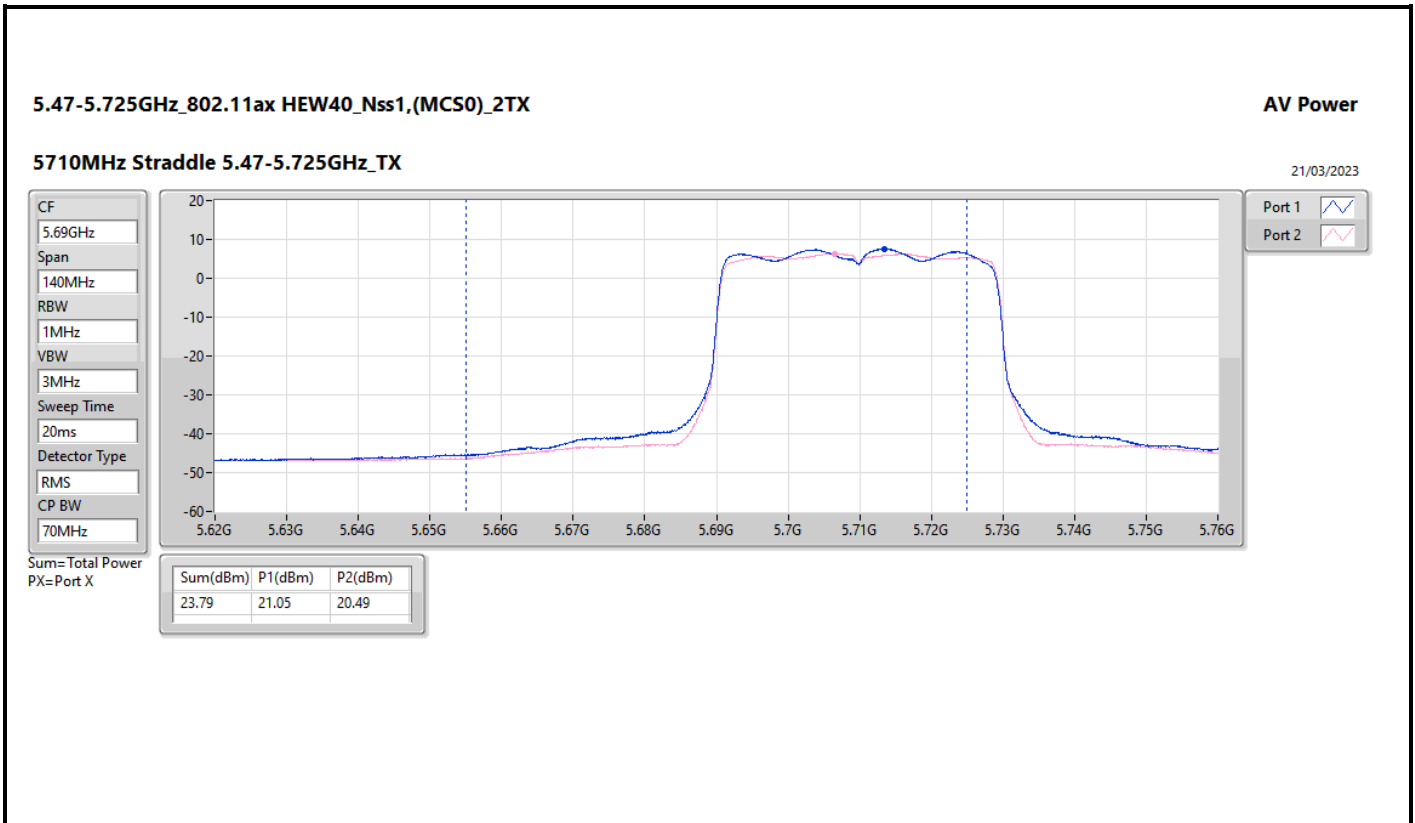
Port 1

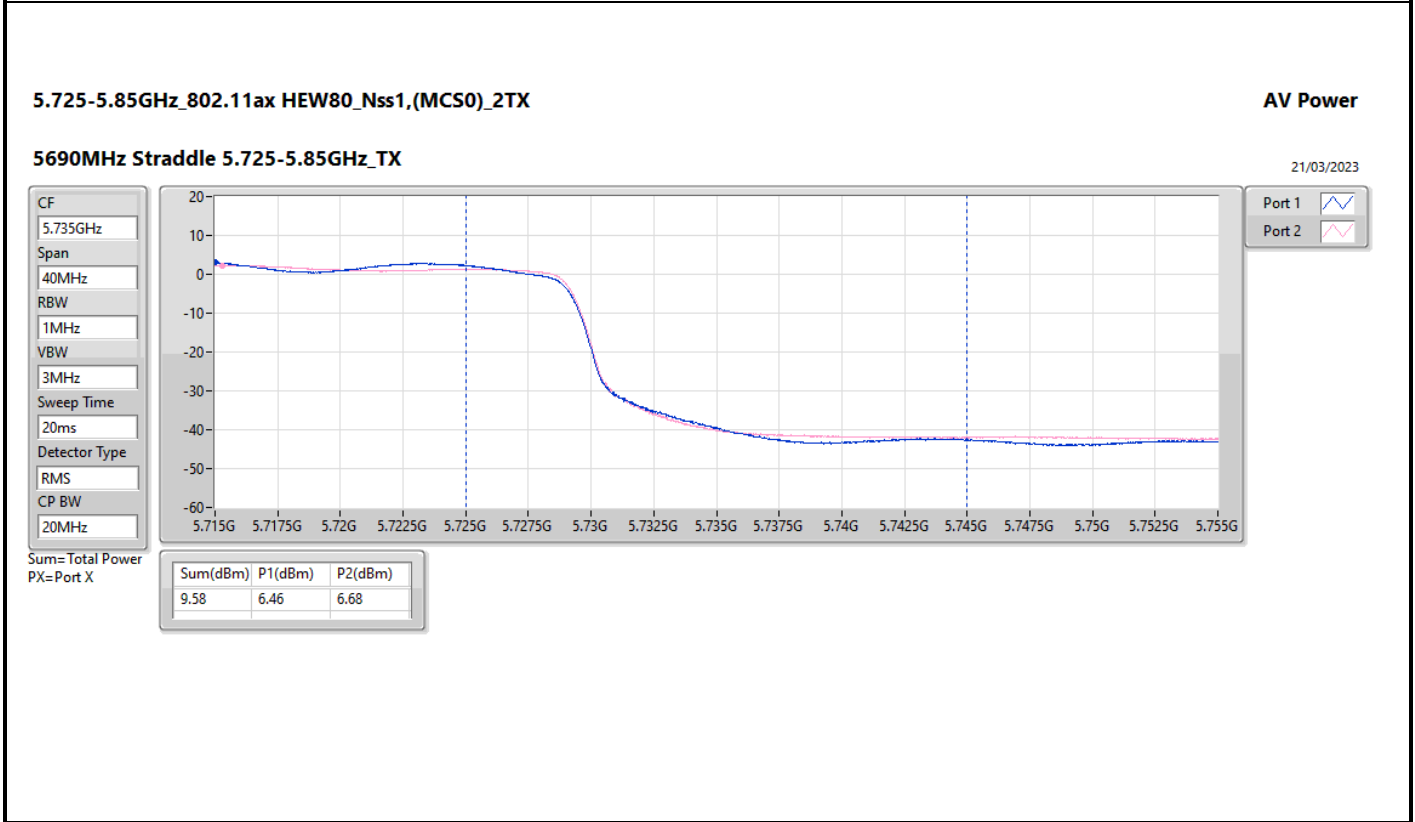
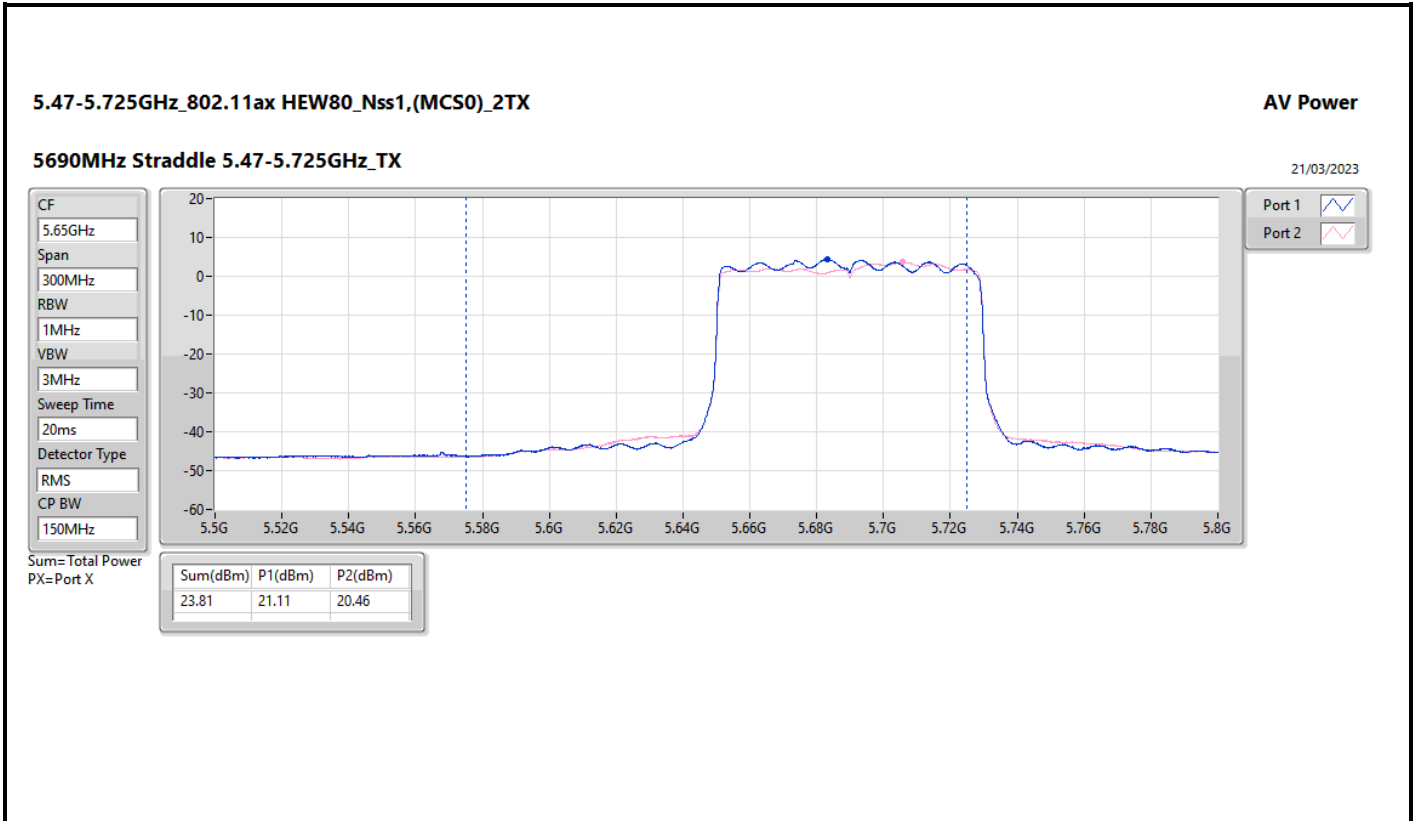
Port 2

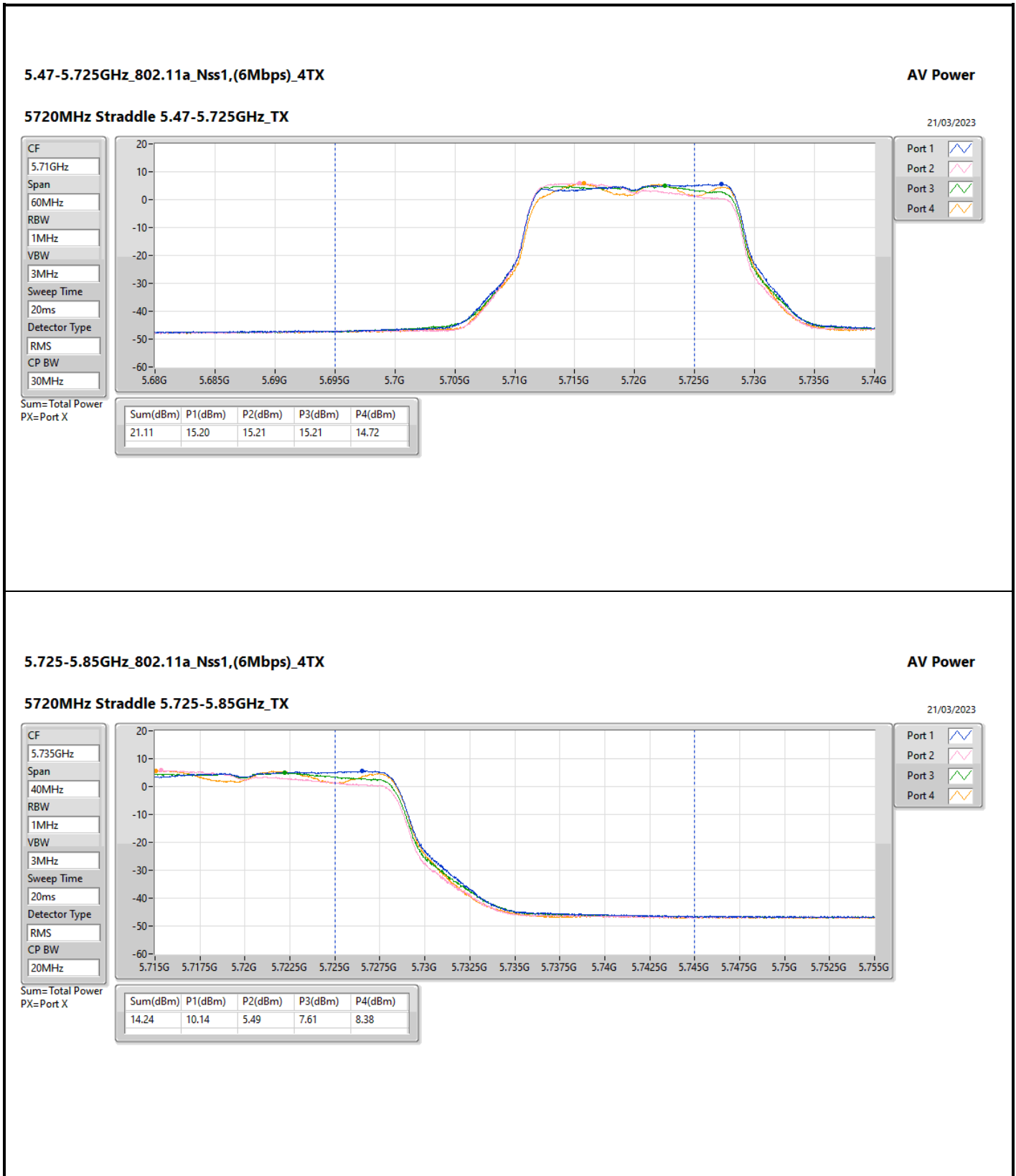
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.68	12.70	12.63









5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz_TX

AV Power

21/03/2023

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

20MHz



Port 1

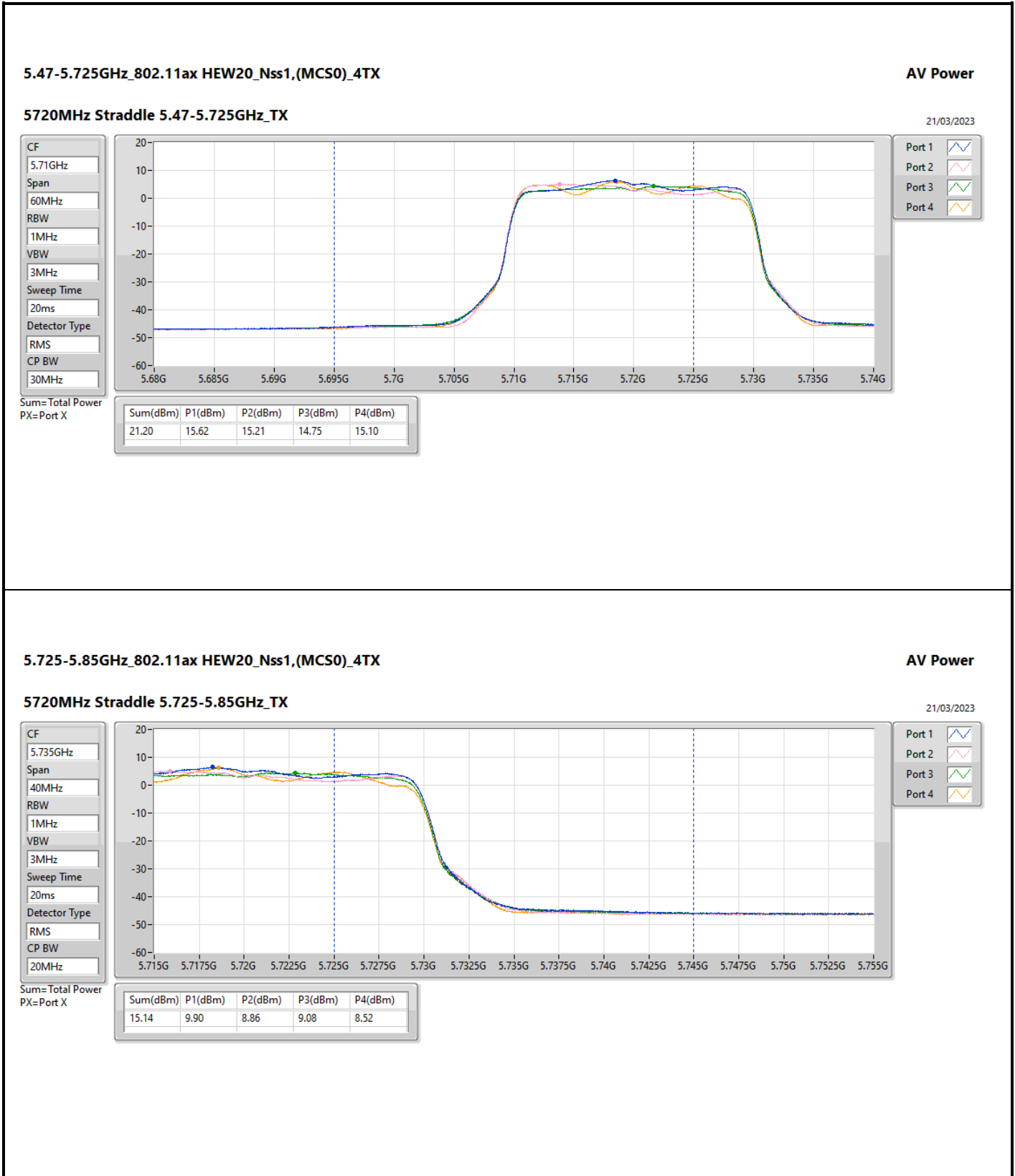
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.24	10.14	5.49	7.61	8.38



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz_TX

AV Power

21/03/2023

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

20MHz

Port 1

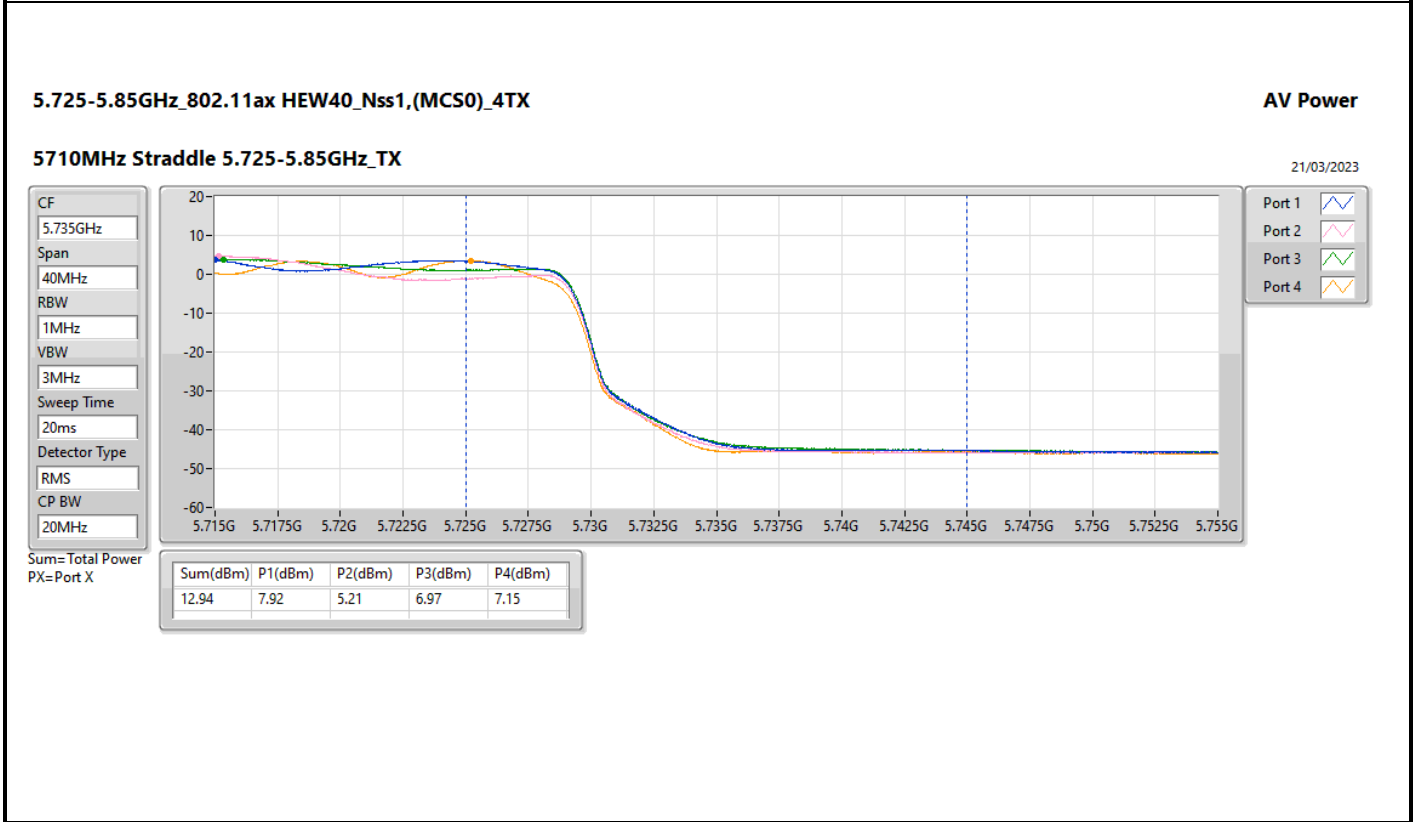
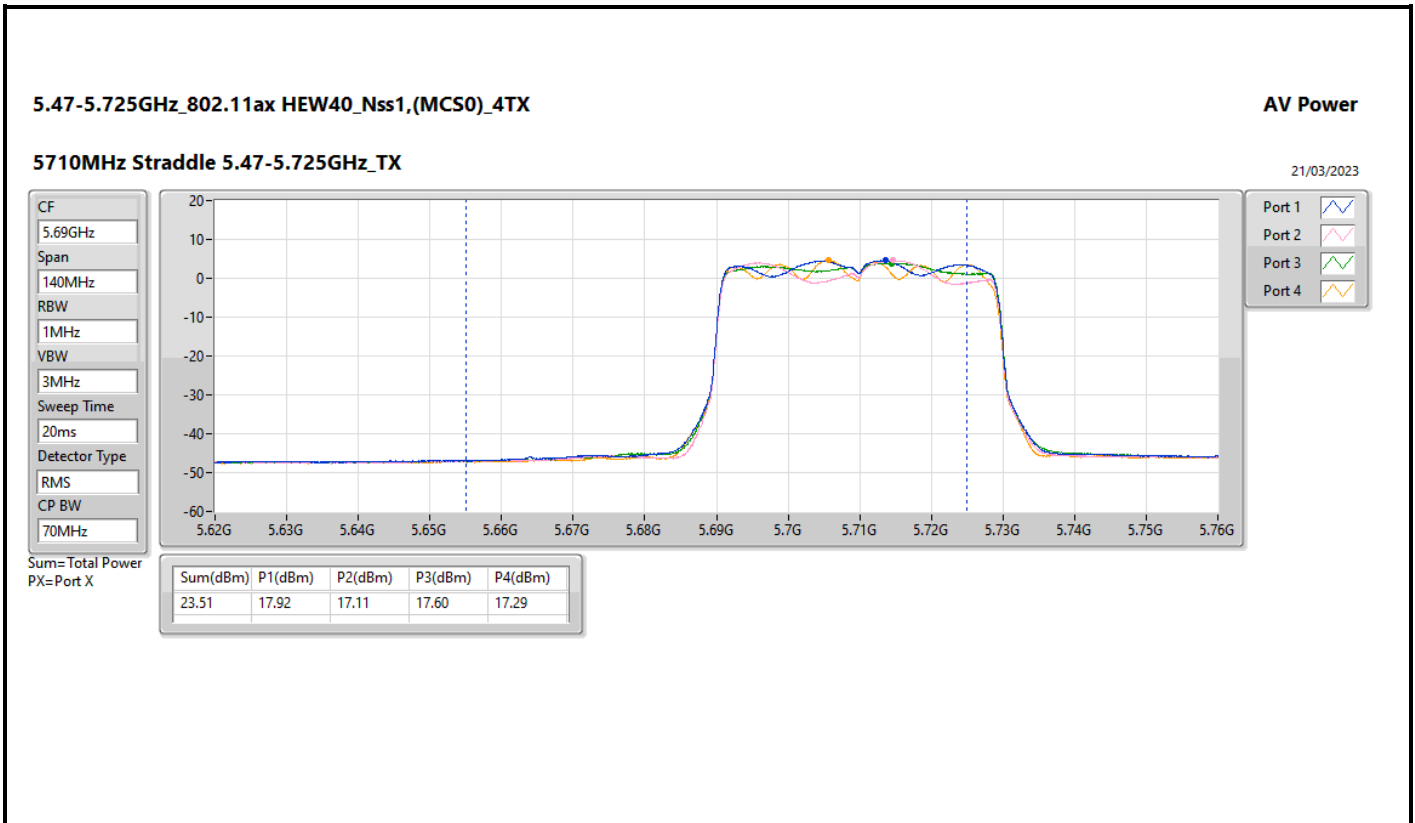
Port 2

Port 3

Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.14	9.90	8.86	9.08	8.52





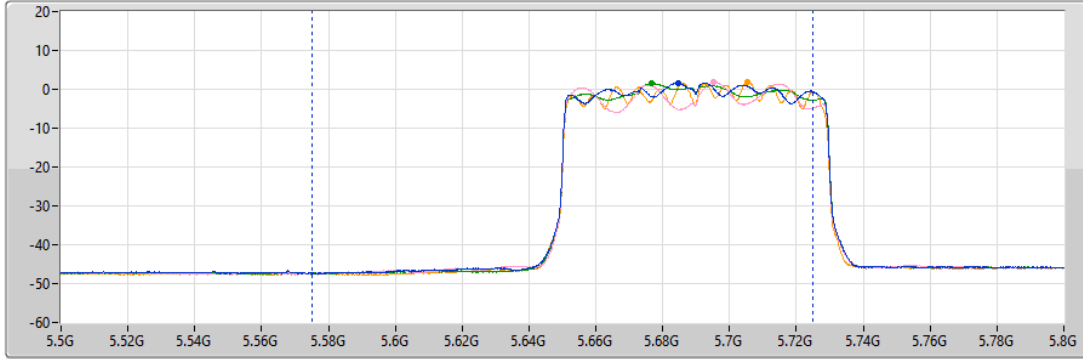
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

21/03/2023

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1
Port 2
Port 3
Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.56	17.91	17.09	17.76	17.36

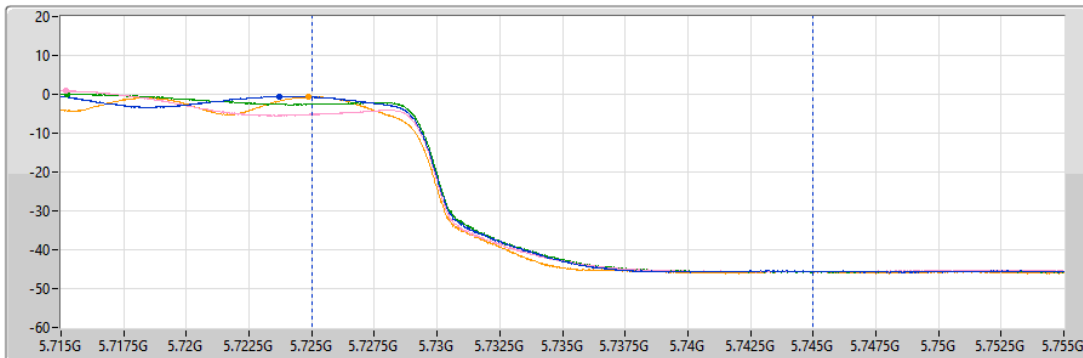
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

21/03/2023

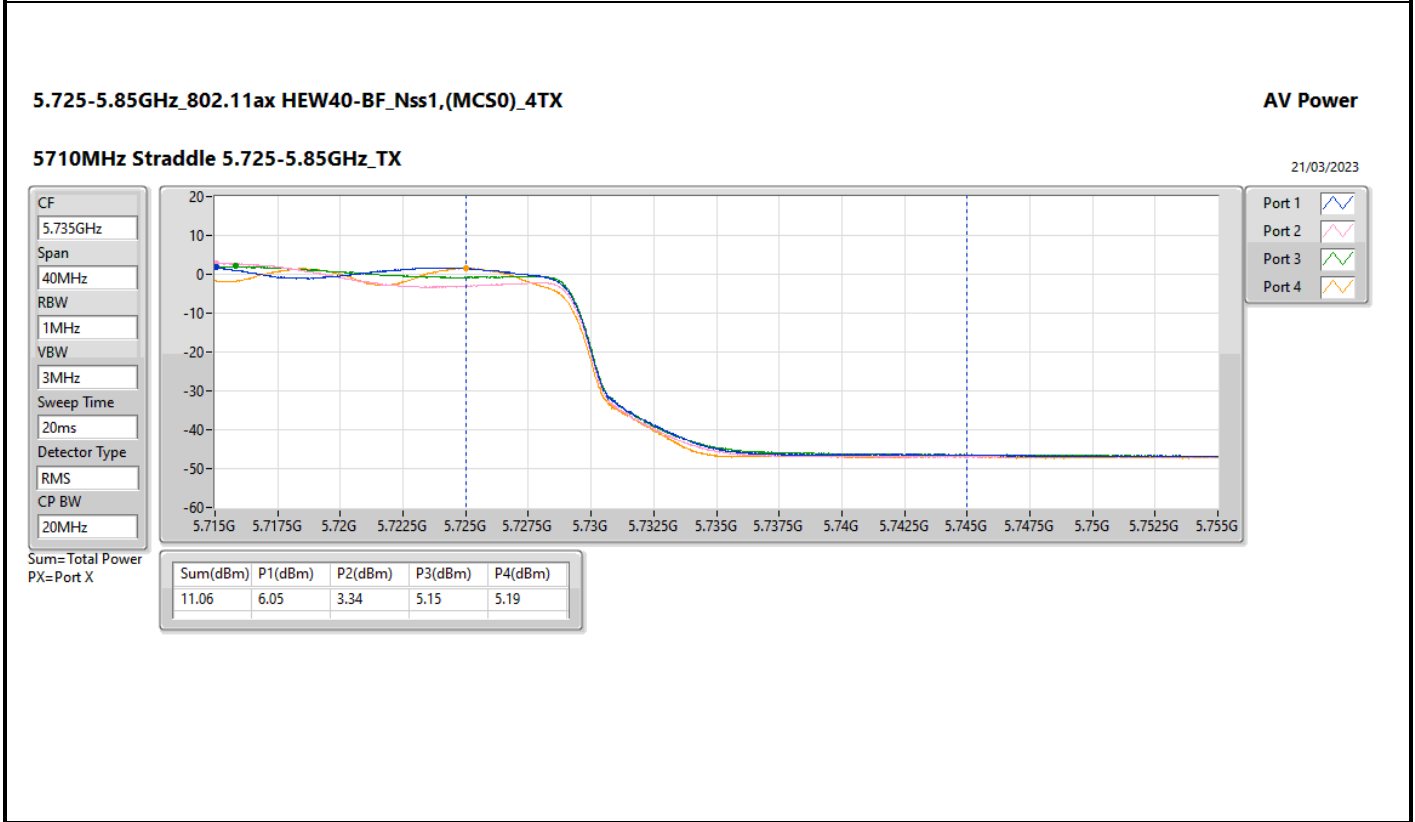
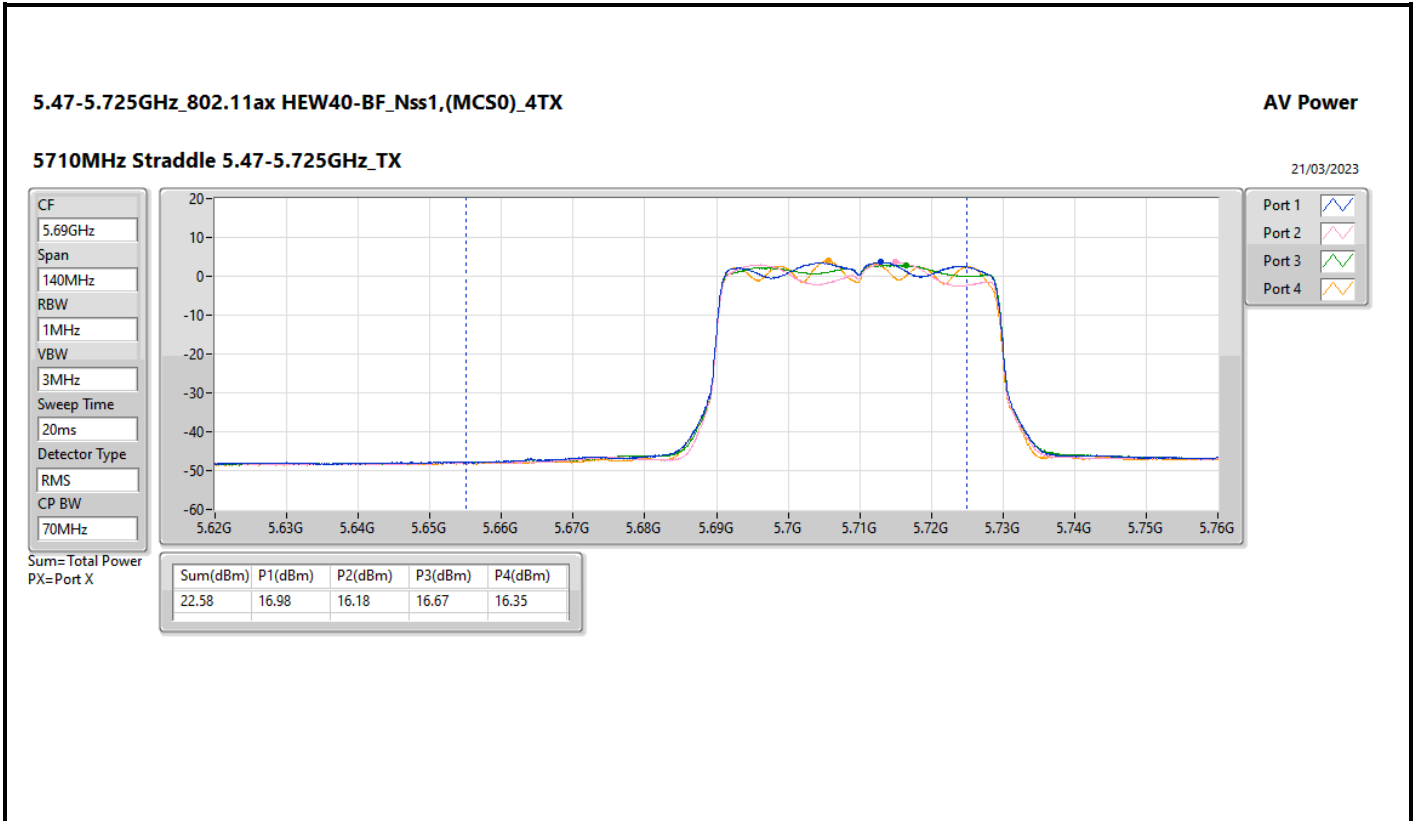
CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

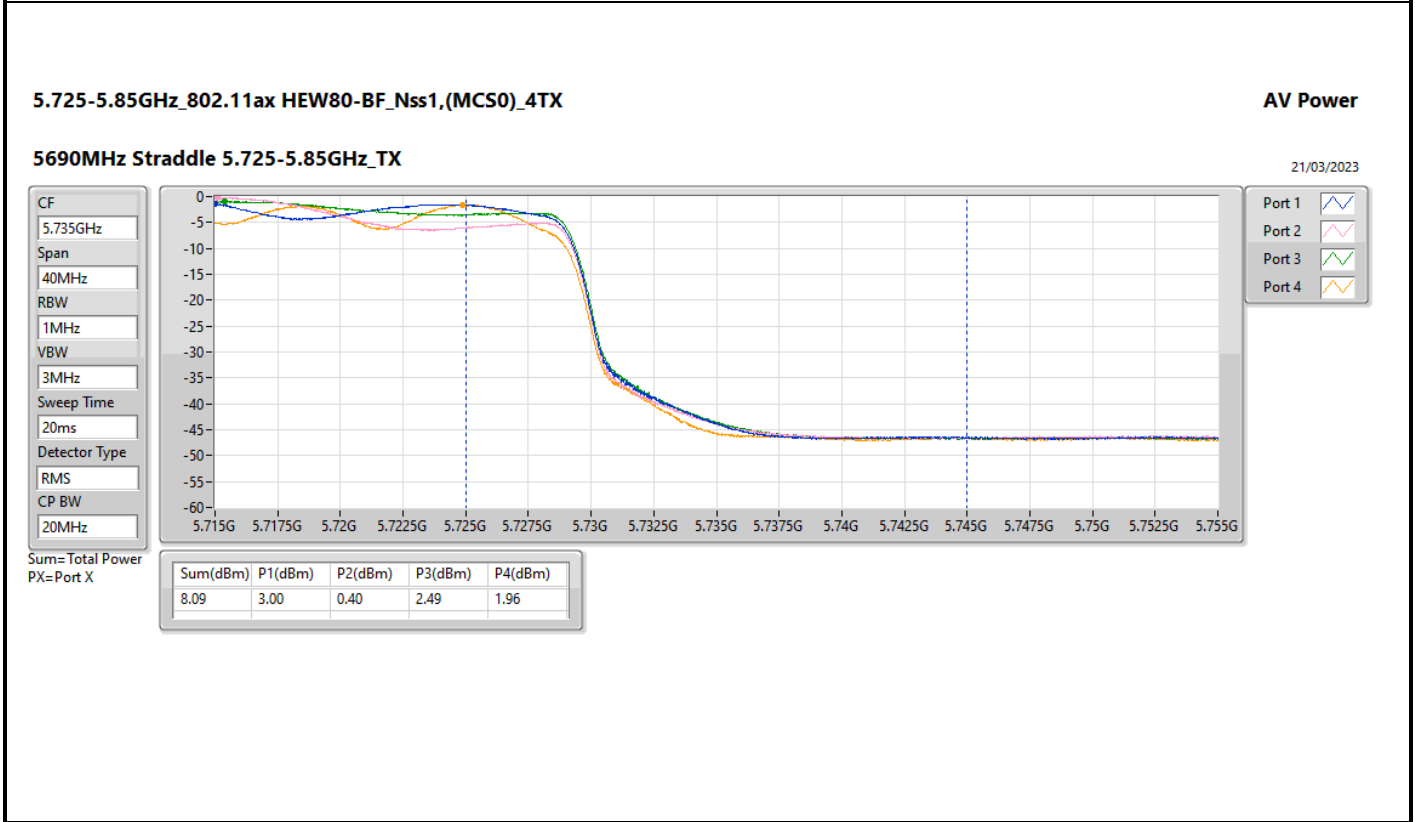
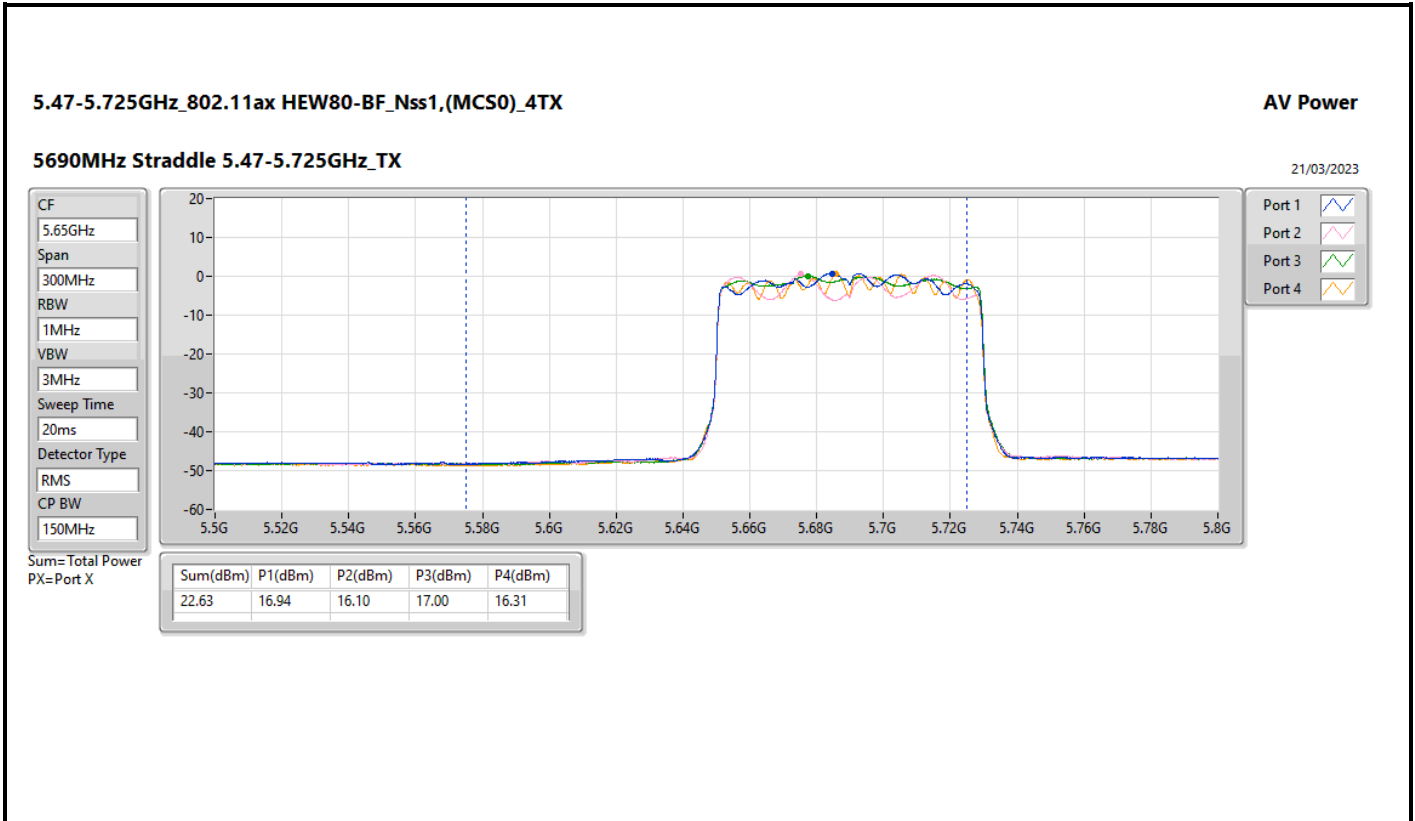


Port 1
Port 2
Port 3
Port 4

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.04	3.91	1.33	3.45	2.96







Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP/EIRP-Elevation 30° (dBm)	EIRP/EIRP-Elevation 30° (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.75	0.05957	19.22/20.79	0.08356/0.11995
802.11a_Nss1,(6Mbps)_2TX	16.44	0.04406	17.91/20.69	0.06180/0.11722
802.11a_Nss1,(6Mbps)_4TX	16.53	0.04498	19.95/20.78	0.09886/0.11967
802.11ax HEW20_Nss1,(MCS0)_1TX	17.69	0.05875	19.16/20.73	0.08241/0.11830
802.11ax HEW20_Nss1,(MCS0)_2TX	16.71	0.04688	18.18/20.96	0.06577/0.12474
802.11ax HEW20_Nss1,(MCS0)_4TX	16.65	0.04624	20.07/20.90	0.10162/0.12303
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.71	0.04688	19.56/20.96	0.09036/0.12474
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.58	0.02871	21.16/20.97	0.13062/0.12503
802.11ax HEW40_Nss1,(MCS0)_1TX	17.81	0.06039	19.28/20.85	0.08472/0.12162
802.11ax HEW40_Nss1,(MCS0)_2TX	16.63	0.04603	18.10/20.88	0.06457/0.12246
802.11ax HEW40_Nss1,(MCS0)_4TX	16.71	0.04688	20.13/20.96	0.10304/0.12474
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.63	0.04603	19.48/20.88	0.08872/0.12246
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.55	0.02851	21.13/20.94	0.12972/0.12417
802.11ax HEW80_Nss1,(MCS0)_1TX	17.78	0.05998	19.25/20.82	0.08414/0.12078
802.11ax HEW80_Nss1,(MCS0)_2TX	16.58	0.04550	18.05/20.83	0.06383/0.12106
802.11ax HEW80_Nss1,(MCS0)_4TX	16.70	0.04677	20.12/20.95	0.10280/0.12445
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.58	0.04550	19.43/20.83	0.08770/0.12106
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	14.59	0.02877	21.17/20.98	0.13092/0.12531



Average Power_Radio 1 (UNII 1 Outdoor Use)

Appendix C.2

Result

Mode	Result	Directional Gain [Power] / Gain [Phi 30°] (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP/ EIRP-Elevati on 30° (dBm)	EIRP Limit/ EIRP-Elevati on 30° Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47/3.04	17.75	-	-	-	17.75	30.00	19.22/20.79	Inf/21.00
5200MHz	Pass	1.47/3.04	17.73	-	-	-	17.73	30.00	19.20/20.77	Inf/21.00
5240MHz	Pass	1.47/3.04	17.68	-	-	-	17.68	30.00	19.15/20.72	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47/3.04	17.69	-	-	-	17.69	30.00	19.16/20.73	Inf/21.00
5200MHz	Pass	1.47/3.04	17.56	-	-	-	17.56	30.00	19.03/20.60	Inf/21.00
5240MHz	Pass	1.47/3.04	17.51	-	-	-	17.51	30.00	18.98/20.55	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1.47/3.04	17.81	-	-	-	17.81	30.00	19.28/20.85	Inf/21.00
5230MHz	Pass	1.47/3.04	17.64	-	-	-	17.64	30.00	19.11/20.68	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1.47/3.04	17.78	-	-	-	17.78	30.00	19.25/20.82	Inf/21.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47/4.25	13.54	13.32	-	-	16.44	30.00	17.91/20.69	Inf/21.00
5200MHz	Pass	1.47/4.25	13.39	13.32	-	-	16.37	30.00	17.84/20.62	Inf/21.00
5240MHz	Pass	1.47/4.25	13.47	13.27	-	-	16.38	30.00	17.85/20.63	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47/4.25	13.75	13.65	-	-	16.71	30.00	18.18/20.96	Inf/21.00
5200MHz	Pass	1.47/4.25	13.41	13.58	-	-	16.51	30.00	17.98/20.76	Inf/21.00
5240MHz	Pass	1.47/4.25	13.57	13.42	-	-	16.51	30.00	17.98/20.76	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1.47/4.25	13.52	13.71	-	-	16.63	30.00	18.10/20.88	Inf/21.00
5230MHz	Pass	1.47/4.25	13.61	13.53	-	-	16.58	30.00	18.05/20.83	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1.47/4.25	13.61	13.53	-	-	16.58	30.00	18.05/20.83	Inf/21.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.42/4.25	10.93	10.34	10.76	9.95	16.53	30.00	19.95/20.78	Inf/21.00
5200MHz	Pass	3.42/4.25	10.89	10.37	10.13	9.97	16.37	30.00	19.79/20.62	Inf/21.00
5240MHz	Pass	3.42/4.25	10.73	10.27	10.16	9.95	16.31	30.00	19.73/20.56	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.42/4.25	10.95	10.68	10.62	10.25	16.65	30.00	20.07/20.90	Inf/21.00
5200MHz	Pass	3.42/4.25	11.06	10.76	10.32	10.21	16.62	30.00	20.04/20.87	Inf/21.00
5240MHz	Pass	3.42/4.25	11.09	10.43	10.13	9.92	16.44	30.00	19.86/20.69	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.42/4.25	11.02	10.75	10.59	10.36	16.71	30.00	20.13/20.96	Inf/21.00
5230MHz	Pass	3.42/4.25	10.91	10.94	10.28	10.37	16.66	30.00	20.08/20.91	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.42/4.25	10.98	10.99	10.32	10.39	16.70	30.00	20.12/20.95	Inf/21.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	2.85/4.25	13.75	13.65	-	-	16.71	30.00	19.56/20.96	Inf/21.00
5200MHz	Pass	2.85/4.25	13.41	13.58	-	-	16.51	30.00	19.36/20.76	Inf/21.00
5240MHz	Pass	2.85/4.25	13.57	13.42	-	-	16.51	30.00	19.36/20.76	Inf/21.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	2.85/4.25	13.52	13.71	-	-	16.63	30.00	19.48/20.88	Inf/21.00
5230MHz	Pass	2.85/4.25	13.61	13.53	-	-	16.58	30.00	19.43/20.83	Inf/21.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	2.85/4.25	13.61	13.53	-	-	16.58	30.00	19.43/20.83	Inf/21.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.58/6.39	9.03	8.90	8.24	7.95	14.57	29.42	21.15/20.96	Inf/21.00
5200MHz	Pass	6.58/6.39	8.52	8.78	8.51	7.83	14.44	29.42	21.02/20.83	Inf/21.00
5240MHz	Pass	6.58/6.39	8.93	8.56	8.76	7.91	14.58	29.42	21.16/20.97	Inf/21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-



Average Power_Radio 1 (UNII 1 Outdoor Use)

Appendix C.2

Mode	Result	Directional Gain [Power] / Gain [Phi 30°] (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP/ EIRP-Elevati on 30° (dBm)	EIRP Limit/ EIRP-Elevati on 30° Limit (dBm)
5190MHz	Pass	6.58/6.39	8.84	8.79	8.24	8.21	14.55	29.42	21.13/20.94	Inf/21.00
5230MHz	Pass	6.58/6.39	8.61	8.71	8.36	8.02	14.45	29.42	21.03/20.84	Inf/21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.58/6.39	8.75	8.94	8.46	8.10	14.59	29.42	21.17/20.98	Inf/21.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.96	0.24889
802.11ax HEW20_Nss1,(MCS0)_1TX	24.19	0.26242
802.11ax HEW40_Nss1,(MCS0)_1TX	24.32	0.27040
802.11ax HEW80_Nss1,(MCS0)_1TX	19.59	0.09099
802.11ax HEW160_Nss1,(MCS0)_1TX	15.27	0.03365
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.18	0.20797
802.11ax HEW20_Nss1,(MCS0)_1TX	23.81	0.24044
802.11ax HEW40_Nss1,(MCS0)_1TX	23.73	0.23605
802.11ax HEW80_Nss1,(MCS0)_1TX	19.58	0.09078
802.11ax HEW160_Nss1,(MCS0)_1TX	16.05	0.04027
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.30	0.21380
802.11ax HEW20_Nss1,(MCS0)_1TX	23.31	0.21429
802.11ax HEW40_Nss1,(MCS0)_1TX	23.54	0.22594
802.11ax HEW80_Nss1,(MCS0)_1TX	23.67	0.23281
802.11ax HEW160_Nss1,(MCS0)_1TX	20.14	0.10328
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.79	0.23933
802.11ax HEW20_Nss1,(MCS0)_1TX	23.82	0.24099
802.11ax HEW40_Nss1,(MCS0)_1TX	24.26	0.26669
802.11ax HEW80_Nss1,(MCS0)_1TX	22.90	0.19498

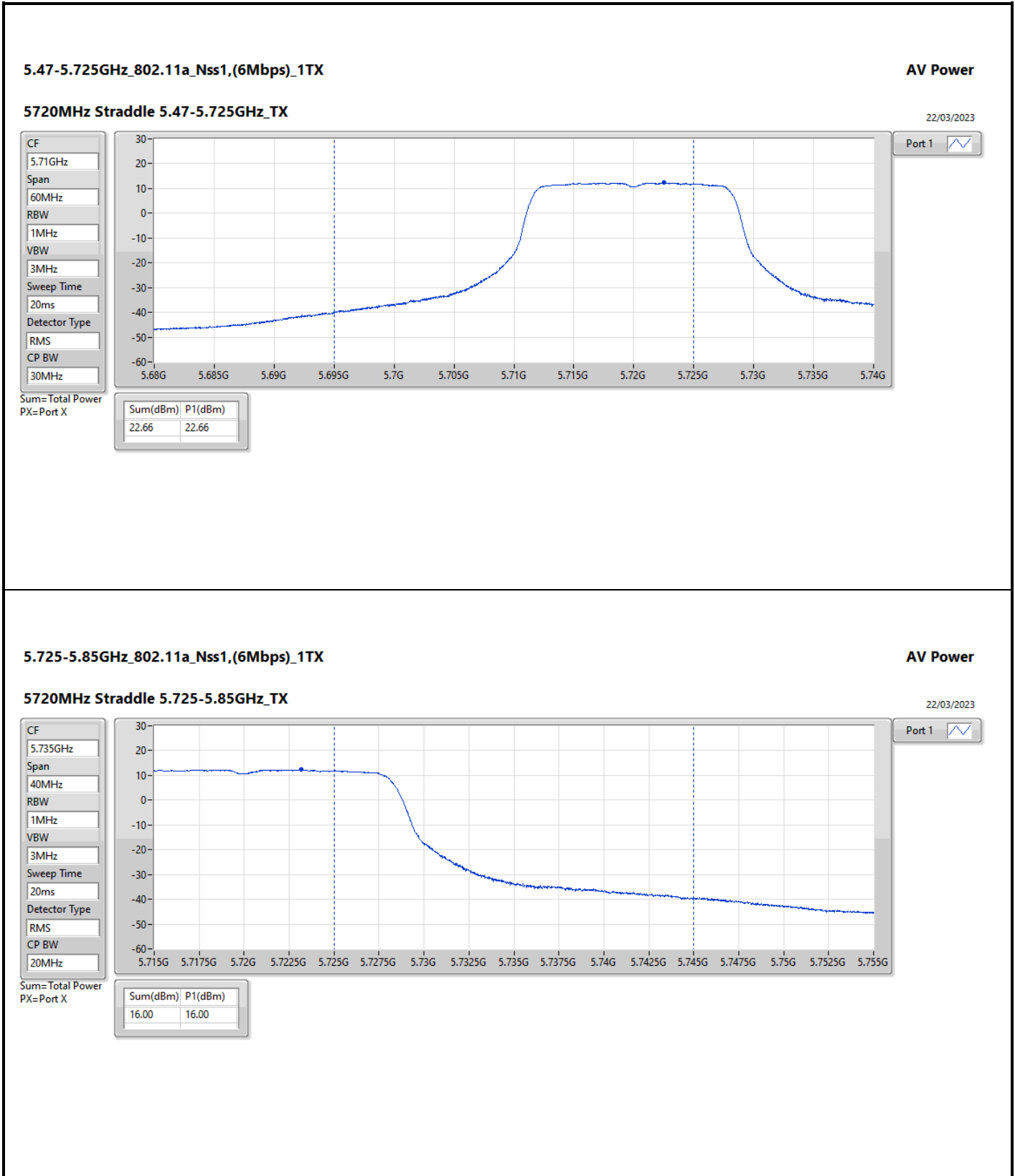


Average Power_Radio 3 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix C.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.21	23.64	23.64	30.00
5200MHz	Pass	3.21	23.86	23.86	30.00
5240MHz	Pass	3.21	23.96	23.96	30.00
5260MHz	Pass	2.86	23.05	23.05	23.85
5300MHz	Pass	2.86	23.18	23.18	23.83
5320MHz	Pass	2.86	22.99	22.99	23.84
5500MHz	Pass	3.11	22.93	22.93	23.95
5580MHz	Pass	3.11	23.30	23.30	23.94
5700MHz	Pass	3.11	22.22	22.22	23.91
5720MHz Straddle 5.47-5.725GHz	Pass	3.11	22.66	22.66	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	3.78	16.00	16.00	30.00
5745MHz	Pass	3.78	23.60	23.60	30.00
5785MHz	Pass	3.78	23.64	23.64	30.00
5825MHz	Pass	3.78	23.79	23.79	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.21	23.29	23.29	30.00
5200MHz	Pass	3.21	23.98	23.98	30.00
5240MHz	Pass	3.21	24.19	24.19	30.00
5260MHz	Pass	2.86	23.81	23.81	23.98
5300MHz	Pass	2.86	23.14	23.14	23.98
5320MHz	Pass	2.86	23.41	23.41	23.98
5500MHz	Pass	3.11	23.22	23.22	23.98
5580MHz	Pass	3.11	23.31	23.31	23.98
5700MHz	Pass	3.11	21.94	21.94	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.11	22.91	22.91	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	3.78	17.16	17.16	30.00
5745MHz	Pass	3.78	23.82	23.82	30.00
5785MHz	Pass	3.78	23.65	23.65	30.00
5825MHz	Pass	3.78	23.78	23.78	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.21	20.70	20.70	30.00
5230MHz	Pass	3.21	24.32	24.32	30.00
5270MHz	Pass	2.86	23.73	23.73	23.98
5310MHz	Pass	2.86	19.95	19.95	23.98
5510MHz	Pass	3.11	21.17	21.17	23.98
5550MHz	Pass	3.11	23.54	23.54	23.98
5670MHz	Pass	3.11	22.63	22.63	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.11	23.52	23.52	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.78	12.82	12.82	30.00
5755MHz	Pass	3.78	24.26	24.26	30.00
5795MHz	Pass	3.78	24.19	24.19	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.21	19.59	19.59	30.00
5290MHz	Pass	2.86	19.58	19.58	23.98
5530MHz	Pass	3.11	21.33	21.33	23.98
5610MHz	Pass	3.11	22.72	22.72	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.11	23.67	23.67	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.78	9.23	9.23	30.00
5775MHz	Pass	3.78	22.90	22.90	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.21	15.27	15.27	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	2.86	16.05	16.05	23.98
5570MHz	Pass	3.11	20.14	20.14	23.98

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



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

22/03/2023

CF

5.735GHz

Span

40MHz

RBW

1MHz

VBW

3MHz

Sweep Time

20ms

Detector Type

RMS

CP BW

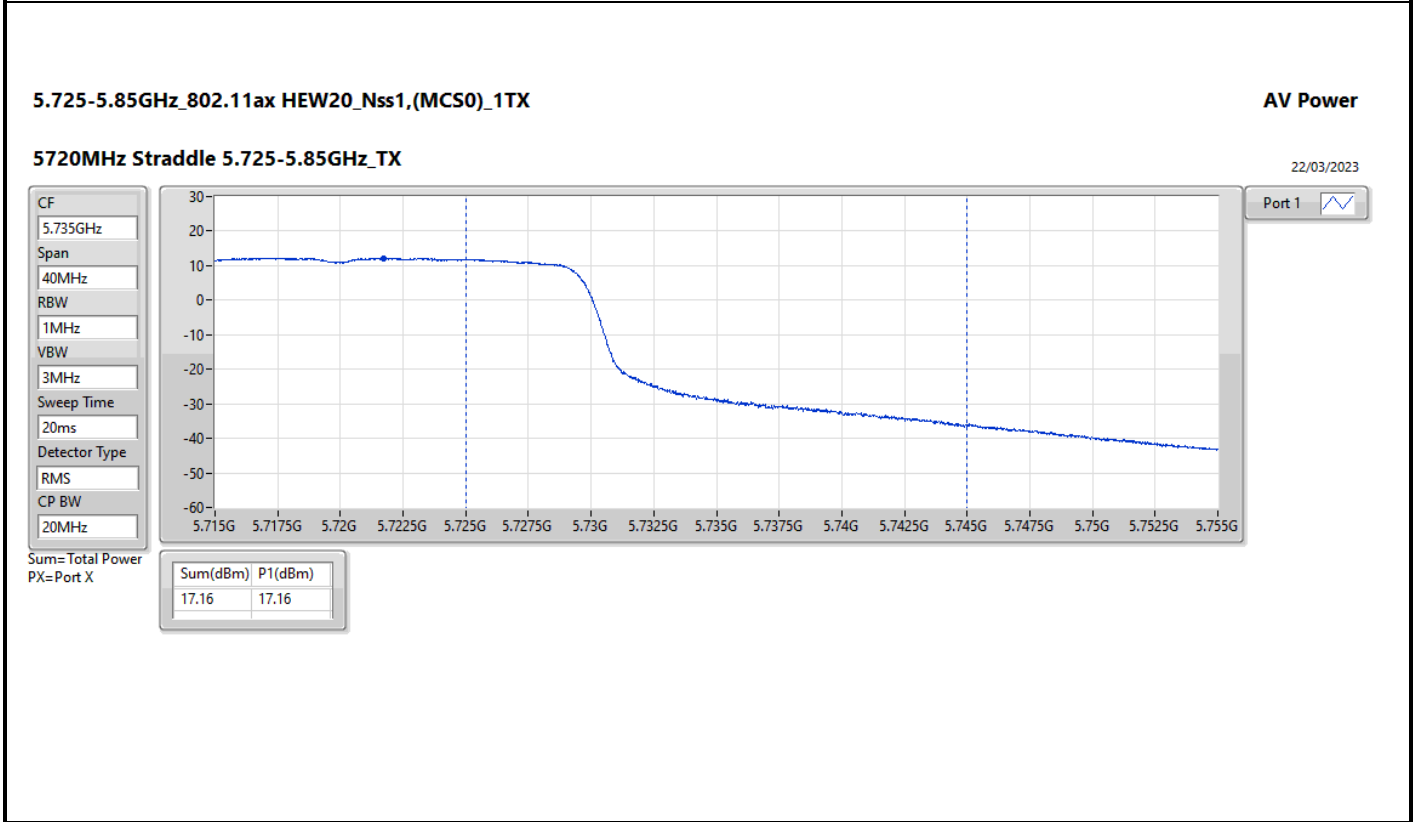
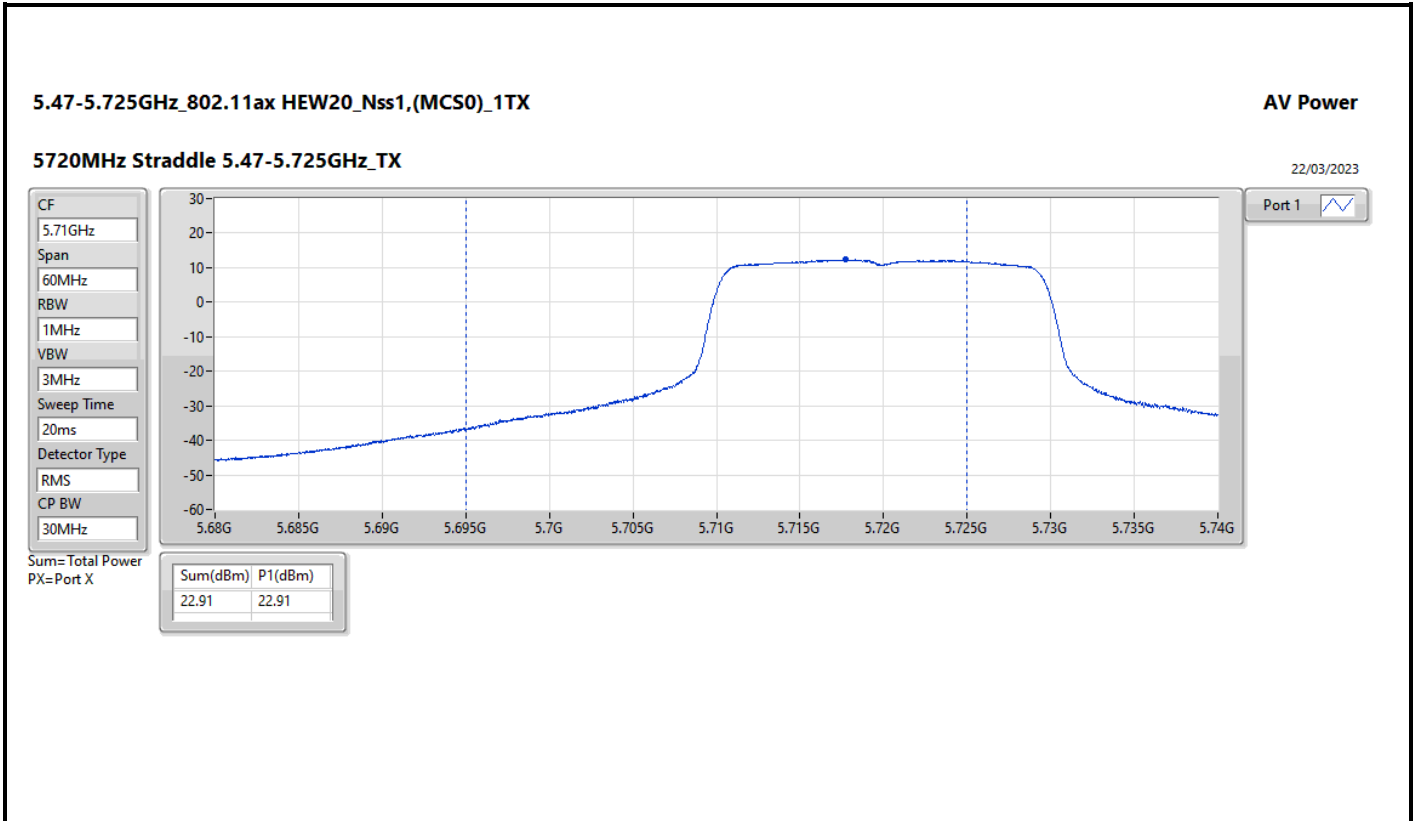
20MHz

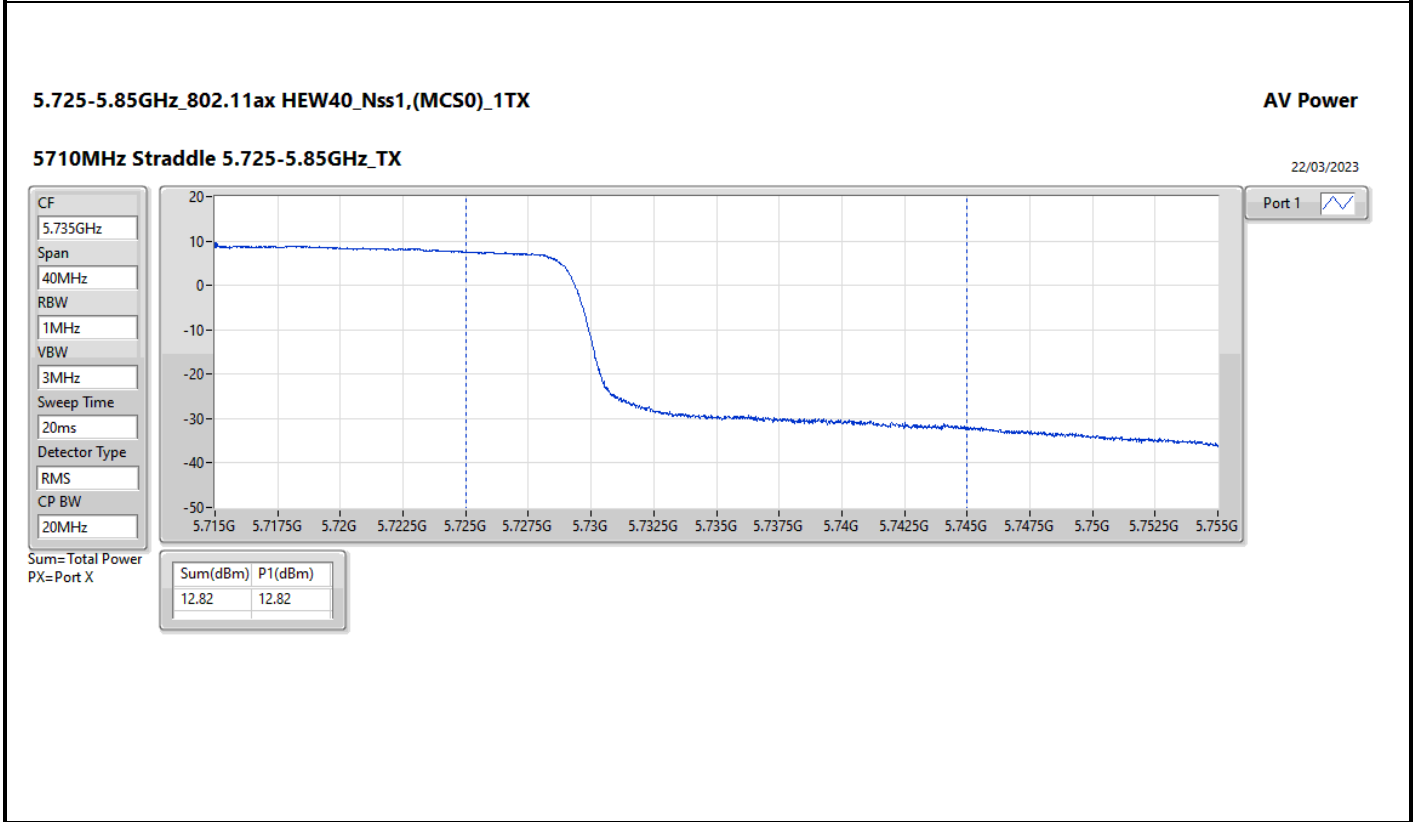
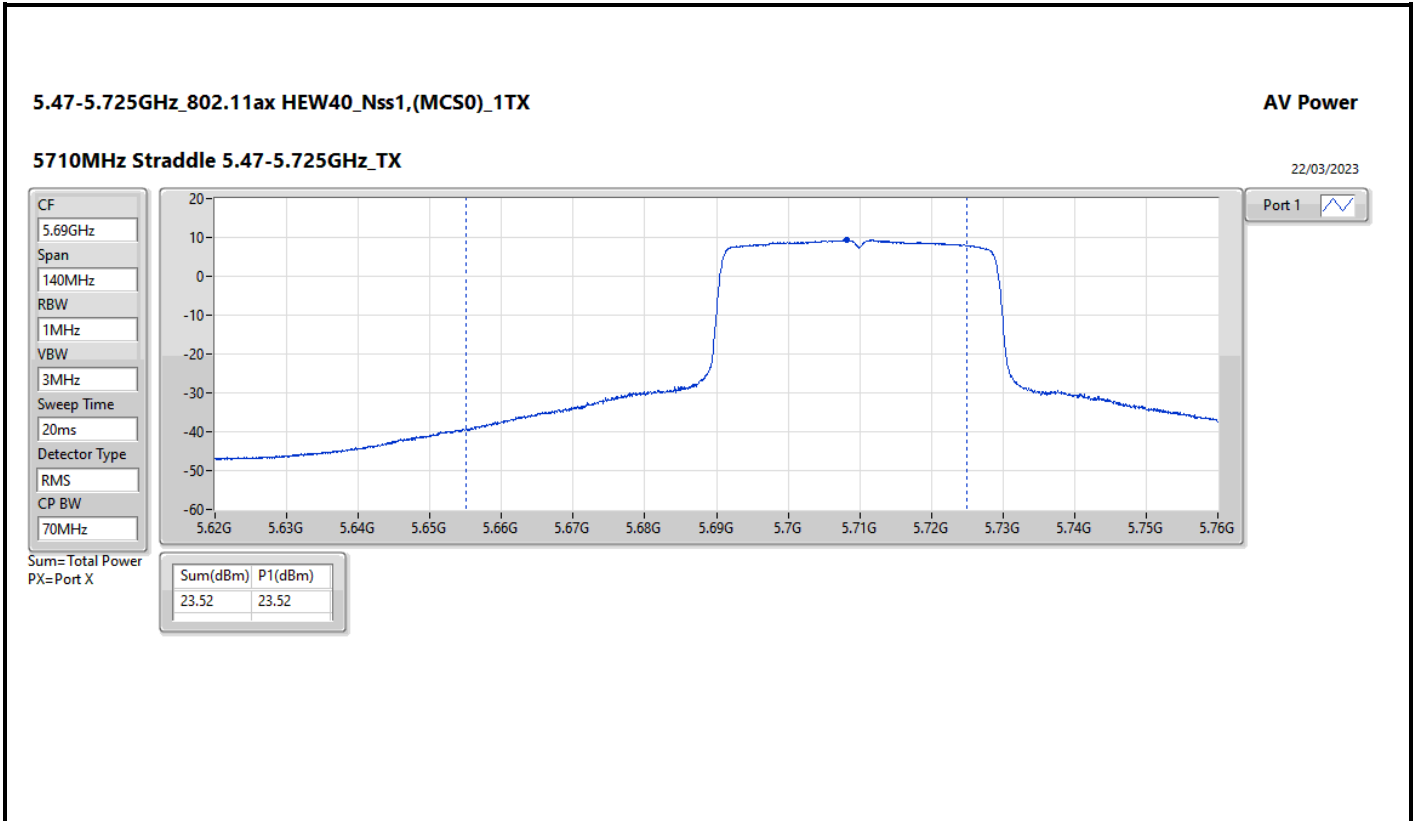


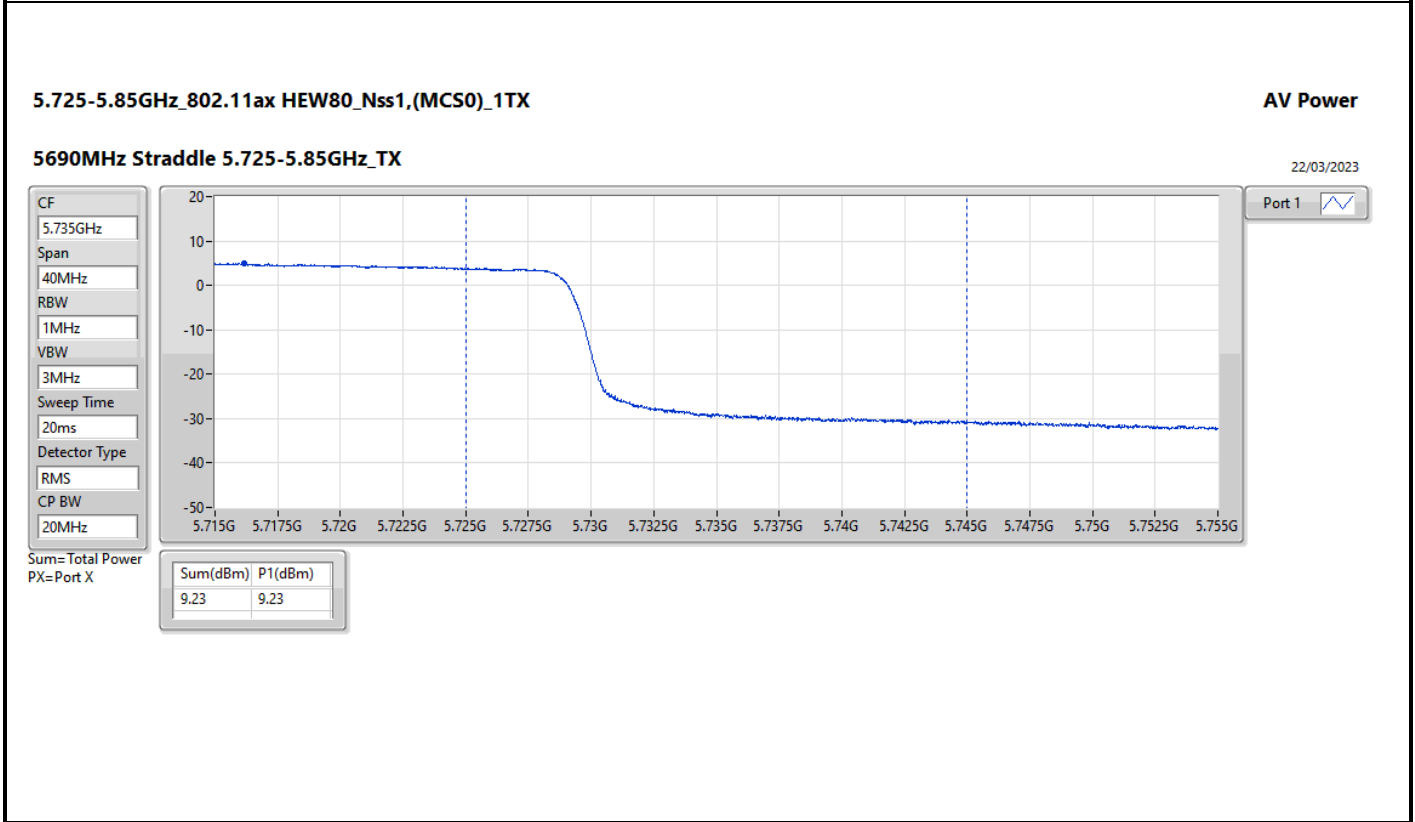
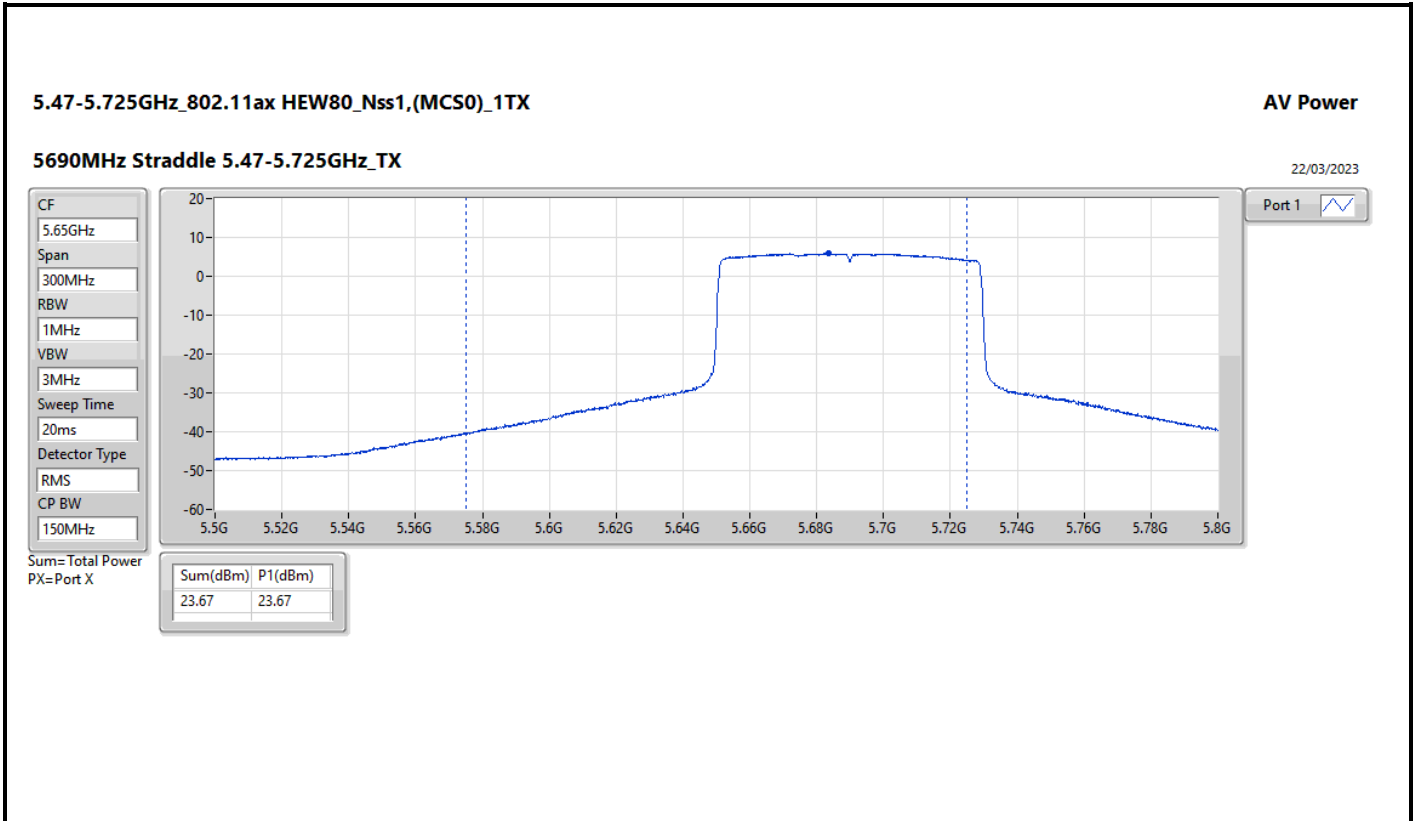
Port 1

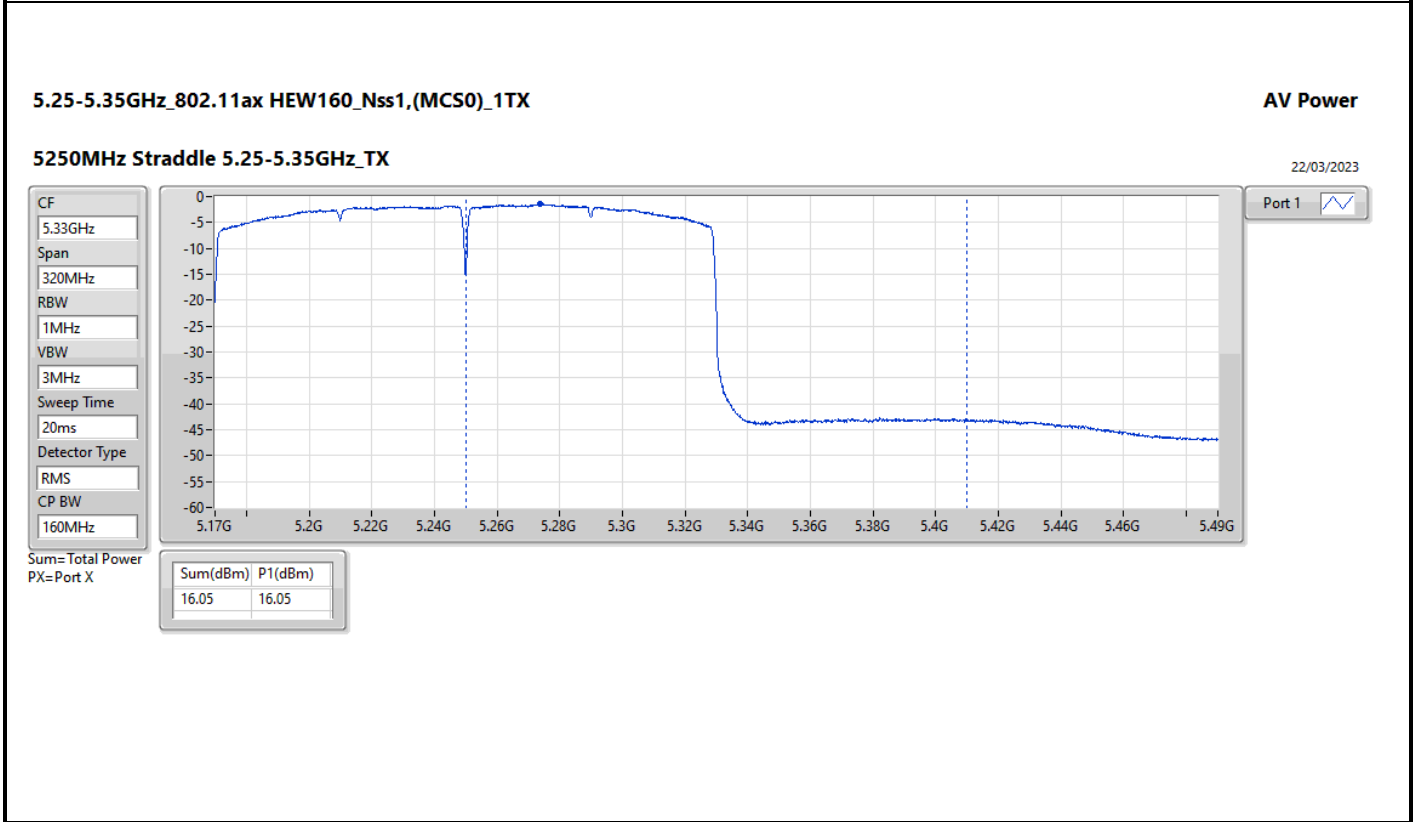
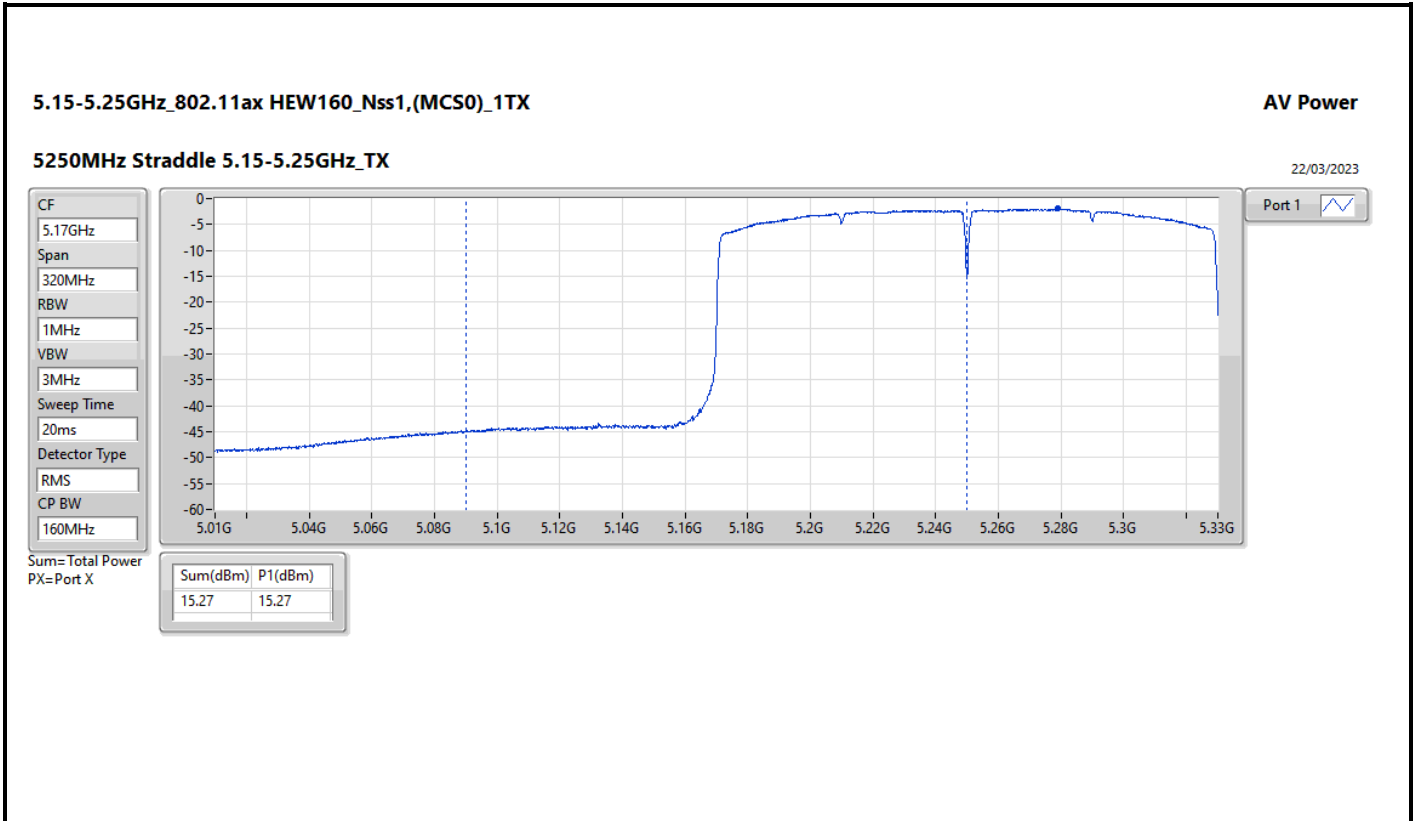
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
16.00	16.00











Summary

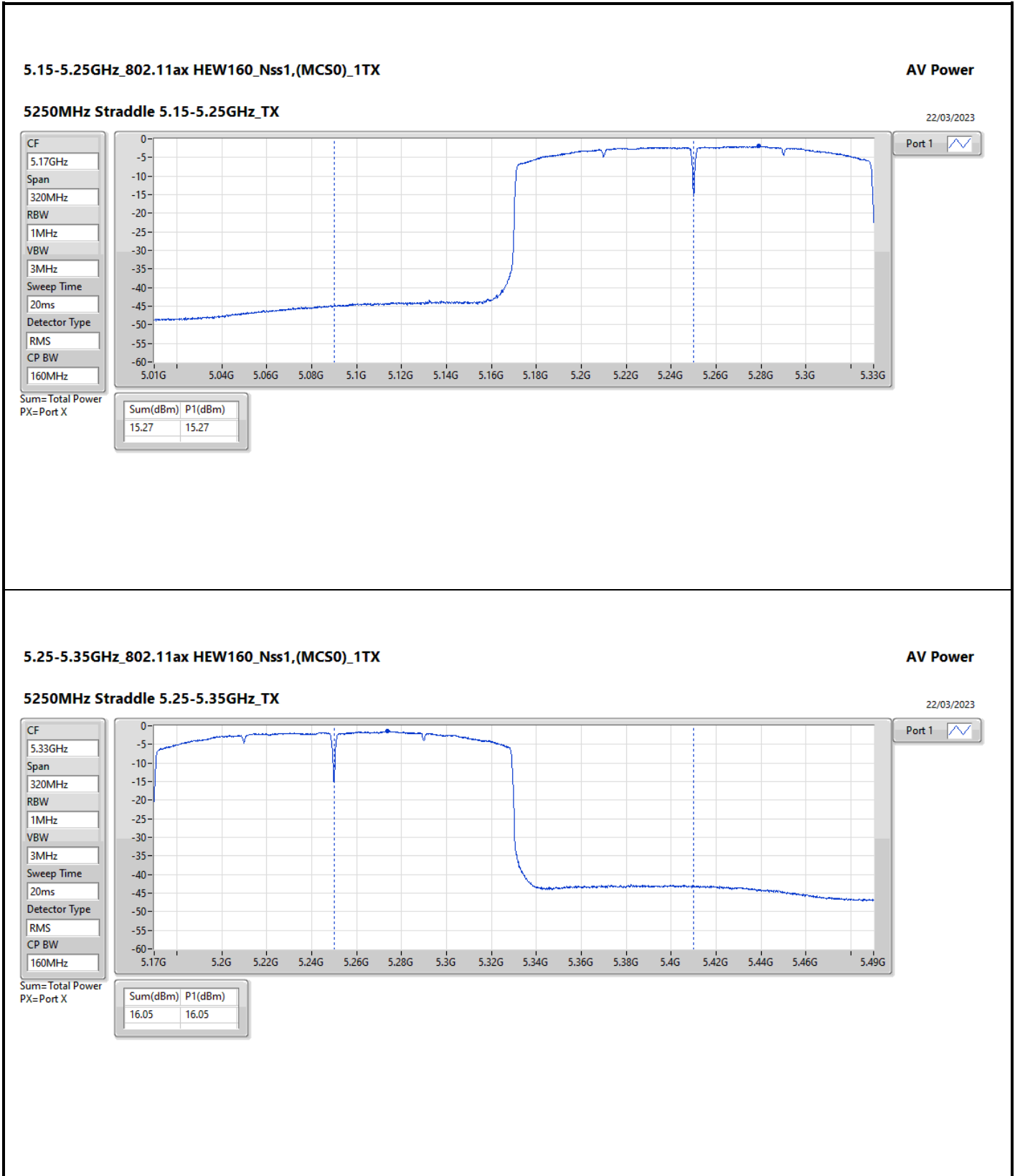
Mode	Total Power (dBm)	Total Power (W)	EIRP//EIRP-Elevation 30° (dBm)	EIRP//EIRP-Elevation 30° (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.72	0.05916	20.93/20.93	0.12388/0.12388
802.11ax HEW20_Nss1,(MCS0)_1TX	17.60	0.05754	20.81/20.81	0.12050/0.12050
802.11ax HEW40_Nss1,(MCS0)_1TX	17.77	0.05984	20.98/20.98	0.12531/0.12531
802.11ax HEW80_Nss1,(MCS0)_1TX	17.67	0.05848	20.88/20.88	0.12246/0.12246
802.11ax HEW160_Nss1,(MCS0)_1TX	15.27	0.03365	18.48/18.48	0.07047/0.07047
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	16.05	0.04027	18.91	0.07780



Result

Mode	Result	Directional Gain [Power] / Gain [Phi 30°] (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP/ EIRP-Elevation 30° (dBm)	EIRP Limit/ EIRP-Elevation 30° (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.21/3.21	17.72	17.72	30.00	20.93/20.93	Inf/21.00
5200MHz	Pass	3.21/3.21	17.52	17.52	30.00	20.73/20.73	Inf/21.00
5240MHz	Pass	3.21/3.21	17.48	17.48	30.00	20.69/20.69	Inf/21.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	3.21/3.21	17.60	17.60	30.00	20.81/20.81	Inf/21.00
5200MHz	Pass	3.21/3.21	17.47	17.47	30.00	20.68/20.68	Inf/21.00
5240MHz	Pass	3.21/3.21	17.51	17.51	30.00	20.72/20.72	Inf/21.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	3.21/3.21	17.75	17.75	30.00	20.96/20.96	Inf/21.00
5230MHz	Pass	3.21/3.21	17.77	17.77	30.00	20.98/20.98	Inf/21.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	3.21/3.21	17.67	17.67	30.00	20.88/20.88	Inf/21.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.21/3.21	15.27	15.27	30.00	18.48/18.48	Inf/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	2.86	16.05	16.05	23.98	18.91	Inf

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





PSD_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix D.1

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.96
802.11a_Nss1,(6Mbps)_2TX	15.12
802.11a_Nss1,(6Mbps)_4TX	15.08
802.11ax HEW20_Nss1,(MCS0)_1TX	11.45
802.11ax HEW20_Nss1,(MCS0)_2TX	14.55
802.11ax HEW20_Nss1,(MCS0)_4TX	15.32
802.11ax HEW40_Nss1,(MCS0)_1TX	8.58
802.11ax HEW40_Nss1,(MCS0)_2TX	11.35
802.11ax HEW40_Nss1,(MCS0)_4TX	10.37
802.11ax HEW80_Nss1,(MCS0)_1TX	2.89
802.11ax HEW80_Nss1,(MCS0)_2TX	4.22
802.11ax HEW80_Nss1,(MCS0)_4TX	2.69
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.89
802.11a_Nss1,(6Mbps)_2TX	10.91
802.11a_Nss1,(6Mbps)_4TX	10.16
802.11ax HEW20_Nss1,(MCS0)_1TX	10.67
802.11ax HEW20_Nss1,(MCS0)_2TX	10.97
802.11ax HEW20_Nss1,(MCS0)_4TX	10.06
802.11ax HEW40_Nss1,(MCS0)_1TX	7.81
802.11ax HEW40_Nss1,(MCS0)_2TX	8.21
802.11ax HEW40_Nss1,(MCS0)_4TX	8.07
802.11ax HEW80_Nss1,(MCS0)_1TX	2.85
802.11ax HEW80_Nss1,(MCS0)_2TX	5.19
802.11ax HEW80_Nss1,(MCS0)_4TX	3.17
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.97
802.11a_Nss1,(6Mbps)_2TX	10.97
802.11a_Nss1,(6Mbps)_4TX	9.74
802.11ax HEW20_Nss1,(MCS0)_1TX	10.87
802.11ax HEW20_Nss1,(MCS0)_2TX	10.89
802.11ax HEW20_Nss1,(MCS0)_4TX	9.74
802.11ax HEW40_Nss1,(MCS0)_1TX	7.91
802.11ax HEW40_Nss1,(MCS0)_2TX	8.39
802.11ax HEW40_Nss1,(MCS0)_4TX	9.12
802.11ax HEW80_Nss1,(MCS0)_1TX	4.38
802.11ax HEW80_Nss1,(MCS0)_2TX	4.99
802.11ax HEW80_Nss1,(MCS0)_4TX	5.98
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.87
802.11a_Nss1,(6Mbps)_2TX	12.80
802.11a_Nss1,(6Mbps)_4TX	15.92
802.11ax HEW20_Nss1,(MCS0)_1TX	9.36
802.11ax HEW20_Nss1,(MCS0)_2TX	12.50
802.11ax HEW20_Nss1,(MCS0)_4TX	15.87
802.11ax HEW40_Nss1,(MCS0)_1TX	6.74
802.11ax HEW40_Nss1,(MCS0)_2TX	9.76
802.11ax HEW40_Nss1,(MCS0)_4TX	12.81
802.11ax HEW80_Nss1,(MCS0)_1TX	1.57
802.11ax HEW80_Nss1,(MCS0)_2TX	4.46
802.11ax HEW80_Nss1,(MCS0)_4TX	6.61

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



PSD_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix D.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47	11.26	-	-	-	11.26	17.00
5200MHz	Pass	1.47	11.96	-	-	-	11.96	17.00
5240MHz	Pass	1.47	11.95	-	-	-	11.95	17.00
5260MHz	Pass	1.36	10.75	-	-	-	10.75	11.00
5300MHz	Pass	1.36	10.52	-	-	-	10.52	11.00
5320MHz	Pass	1.36	10.89	-	-	-	10.89	11.00
5500MHz	Pass	2.39	10.97	-	-	-	10.97	11.00
5580MHz	Pass	2.39	10.85	-	-	-	10.85	11.00
5700MHz	Pass	2.39	8.39	-	-	-	8.39	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.39	10.60	-	-	-	10.60	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.26	8.79	-	-	-	8.79	30.00
5745MHz	Pass	2.26	9.87	-	-	-	9.87	30.00
5785MHz	Pass	2.26	9.43	-	-	-	9.43	30.00
5825MHz	Pass	2.26	9.47	-	-	-	9.47	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.47	10.75	-	-	-	10.75	17.00
5200MHz	Pass	1.47	11.37	-	-	-	11.37	17.00
5240MHz	Pass	1.47	11.45	-	-	-	11.45	17.00
5260MHz	Pass	1.36	10.67	-	-	-	10.67	11.00
5300MHz	Pass	1.36	10.40	-	-	-	10.40	11.00
5320MHz	Pass	1.36	10.32	-	-	-	10.32	11.00
5500MHz	Pass	2.39	9.64	-	-	-	9.64	11.00
5580MHz	Pass	2.39	10.79	-	-	-	10.79	11.00
5700MHz	Pass	2.39	7.90	-	-	-	7.90	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.39	10.87	-	-	-	10.87	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.26	9.06	-	-	-	9.06	30.00
5745MHz	Pass	2.26	9.36	-	-	-	9.36	30.00
5785MHz	Pass	2.26	8.94	-	-	-	8.94	30.00
5825MHz	Pass	2.26	8.97	-	-	-	8.97	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.47	6.49	-	-	-	6.49	17.00
5230MHz	Pass	1.47	8.58	-	-	-	8.58	17.00
5270MHz	Pass	1.36	7.81	-	-	-	7.81	11.00
5310MHz	Pass	1.36	6.27	-	-	-	6.27	11.00
5510MHz	Pass	2.39	5.78	-	-	-	5.78	11.00
5550MHz	Pass	2.39	7.76	-	-	-	7.76	11.00
5670MHz	Pass	2.39	5.91	-	-	-	5.91	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.39	7.91	-	-	-	7.91	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.26	5.14	-	-	-	5.14	30.00
5755MHz	Pass	2.26	6.74	-	-	-	6.74	30.00
5795MHz	Pass	2.26	6.33	-	-	-	6.33	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.47	2.89	-	-	-	2.89	17.00
5290MHz	Pass	1.36	2.85	-	-	-	2.85	11.00
5530MHz	Pass	2.39	2.45	-	-	-	2.45	11.00
5610MHz	Pass	2.39	4.38	-	-	-	4.38	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.39	4.26	-	-	-	4.26	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.26	0.80	-	-	-	0.80	30.00
5775MHz	Pass	2.26	1.57	-	-	-	1.57	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.85	10.12	9.62	-	-	12.78	17.00
5200MHz	Pass	2.85	12.21	12.16	-	-	15.09	17.00
5240MHz	Pass	2.85	12.35	12.09	-	-	15.12	17.00
5260MHz	Pass	2.93	7.88	7.48	-	-	10.61	11.00



PSD_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix D.1

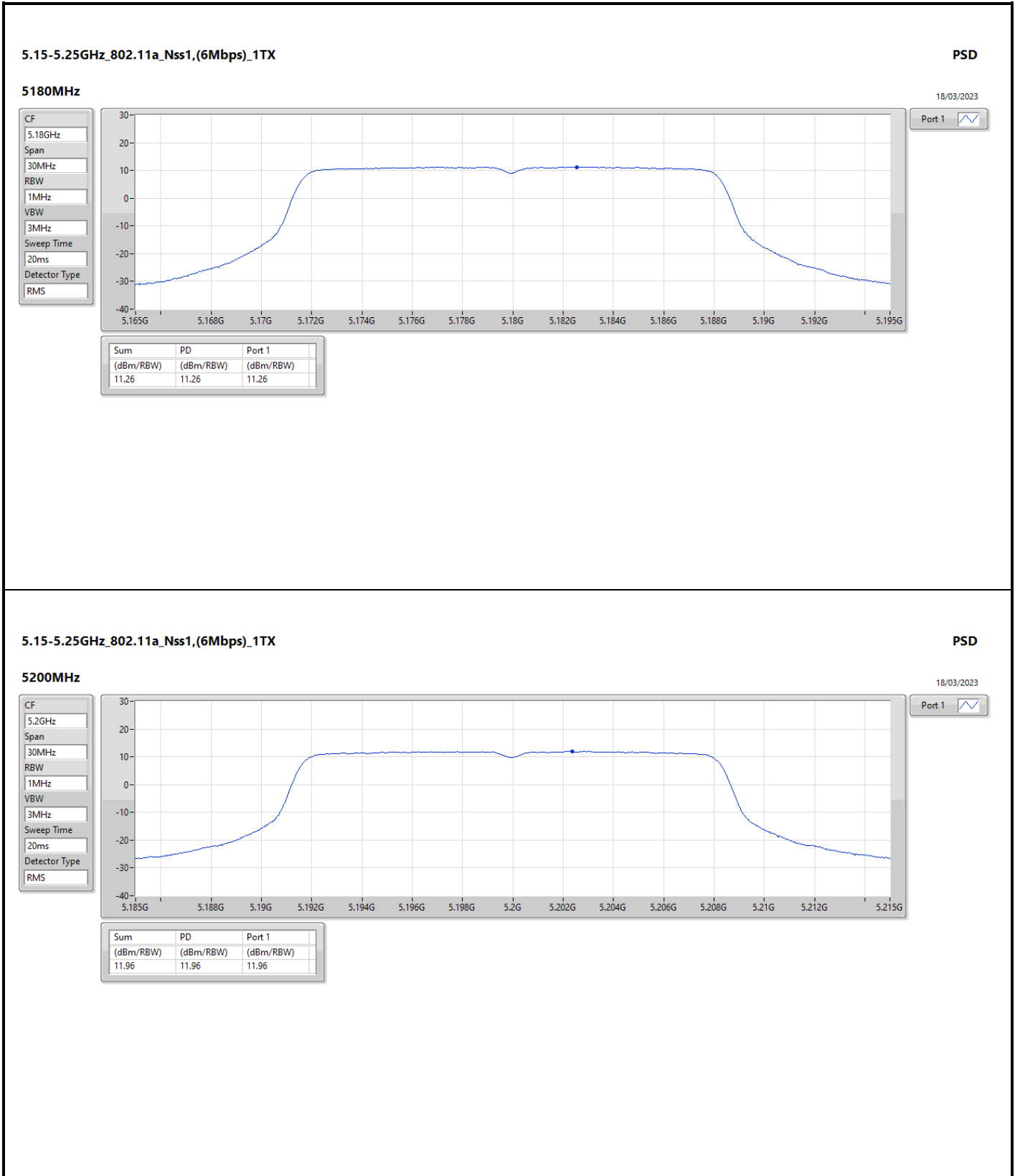
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5300MHz	Pass	2.93	8.07	7.80	-	-	10.91	11.00
5320MHz	Pass	2.93	7.87	7.55	-	-	10.68	11.00
5500MHz	Pass	5.09	8.27	7.70	-	-	10.73	11.00
5580MHz	Pass	5.09	8.13	7.50	-	-	10.66	11.00
5700MHz	Pass	5.09	8.52	7.34	-	-	10.84	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.09	8.68	7.33	-	-	10.97	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.42	6.77	5.66	-	-	9.23	30.00
5745MHz	Pass	5.42	10.46	9.31	-	-	12.80	30.00
5785MHz	Pass	5.42	10.41	9.00	-	-	12.70	30.00
5825MHz	Pass	5.42	10.25	8.90	-	-	12.55	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.85	9.57	8.96	-	-	12.14	17.00
5200MHz	Pass	2.85	11.80	11.67	-	-	14.55	17.00
5240MHz	Pass	2.85	11.64	11.52	-	-	14.51	17.00
5260MHz	Pass	2.93	7.97	7.76	-	-	10.83	11.00
5300MHz	Pass	2.93	7.85	7.46	-	-	10.63	11.00
5320MHz	Pass	2.93	8.18	7.82	-	-	10.97	11.00
5500MHz	Pass	5.09	7.92	7.32	-	-	10.38	11.00
5580MHz	Pass	5.09	7.85	7.11	-	-	10.44	11.00
5700MHz	Pass	5.09	7.67	6.32	-	-	9.98	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.09	8.74	7.33	-	-	10.89	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.42	6.63	5.74	-	-	9.15	30.00
5745MHz	Pass	5.42	10.26	8.94	-	-	12.50	30.00
5785MHz	Pass	5.42	9.49	8.58	-	-	11.98	30.00
5825MHz	Pass	5.42	9.73	8.43	-	-	12.08	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.85	4.36	4.07	-	-	7.09	17.00
5230MHz	Pass	2.85	8.54	8.26	-	-	11.35	17.00
5270MHz	Pass	2.93	5.09	4.75	-	-	7.91	11.00
5310MHz	Pass	2.93	5.31	5.20	-	-	8.21	11.00
5510MHz	Pass	5.09	5.02	4.49	-	-	7.46	11.00
5550MHz	Pass	5.09	5.20	4.27	-	-	7.62	11.00
5670MHz	Pass	5.09	5.47	4.22	-	-	7.76	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.09	6.04	4.82	-	-	8.39	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.42	3.20	2.34	-	-	5.73	30.00
5755MHz	Pass	5.42	7.43	6.15	-	-	9.76	30.00
5795MHz	Pass	5.42	7.08	5.94	-	-	9.53	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.85	1.55	1.09	-	-	4.22	17.00
5290MHz	Pass	2.93	2.34	2.18	-	-	5.19	11.00
5530MHz	Pass	5.09	1.31	0.78	-	-	3.82	11.00
5610MHz	Pass	5.09	2.03	1.26	-	-	4.48	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.09	2.69	1.63	-	-	4.99	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.42	-0.70	-1.64	-	-	1.85	30.00
5775MHz	Pass	5.42	2.09	0.90	-	-	4.46	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.58	8.04	7.57	7.00	6.18	13.11	16.42
5200MHz	Pass	6.58	9.95	9.97	8.64	8.44	15.08	16.42
5240MHz	Pass	6.58	10.77	10.41	9.12	8.36	15.05	16.42
5260MHz	Pass	6.15	5.13	5.02	4.27	3.73	10.16	10.85
5300MHz	Pass	6.15	5.12	4.26	3.70	3.15	9.81	10.85
5320MHz	Pass	6.15	4.39	4.74	3.80	3.52	9.87	10.85
5500MHz	Pass	6.87	4.61	4.69	3.30	3.61	9.67	10.13
5580MHz	Pass	6.87	3.78	4.66	3.58	3.48	9.65	10.13
5700MHz	Pass	6.87	4.06	4.26	4.14	4.62	9.74	10.13
5720MHz Straddle 5.47-5.725GHz	Pass	6.87	3.87	4.37	3.41	4.34	9.44	10.13

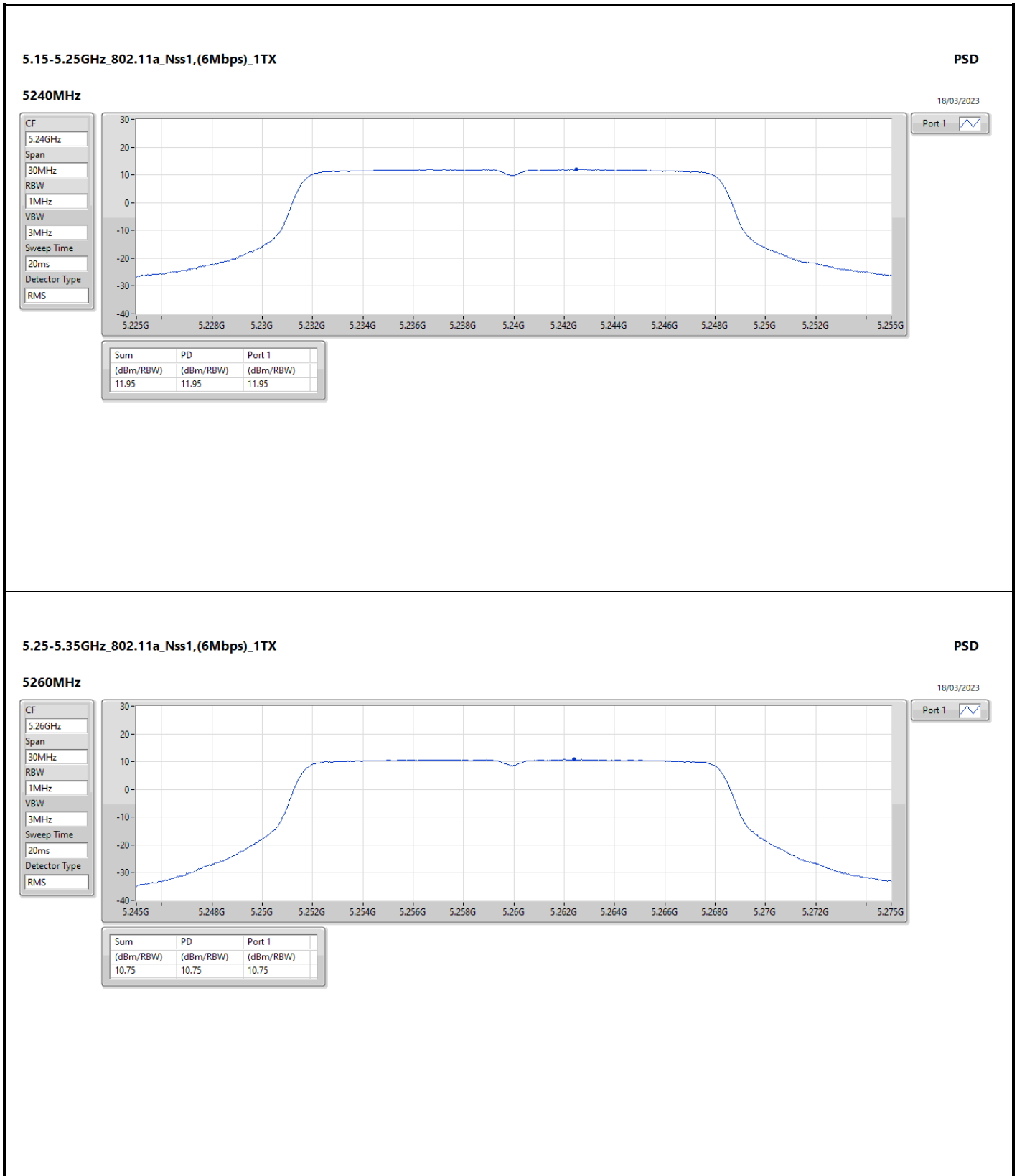


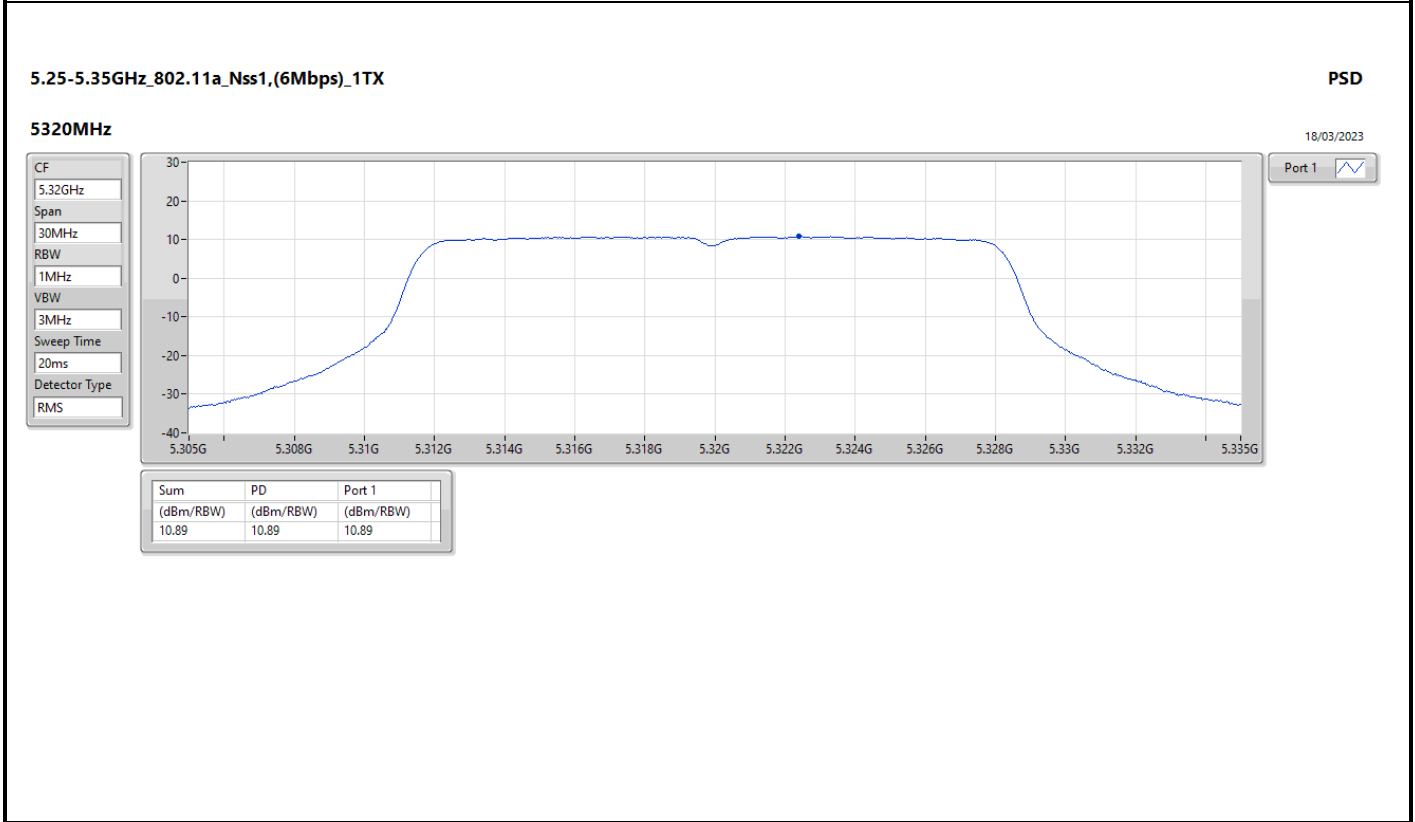
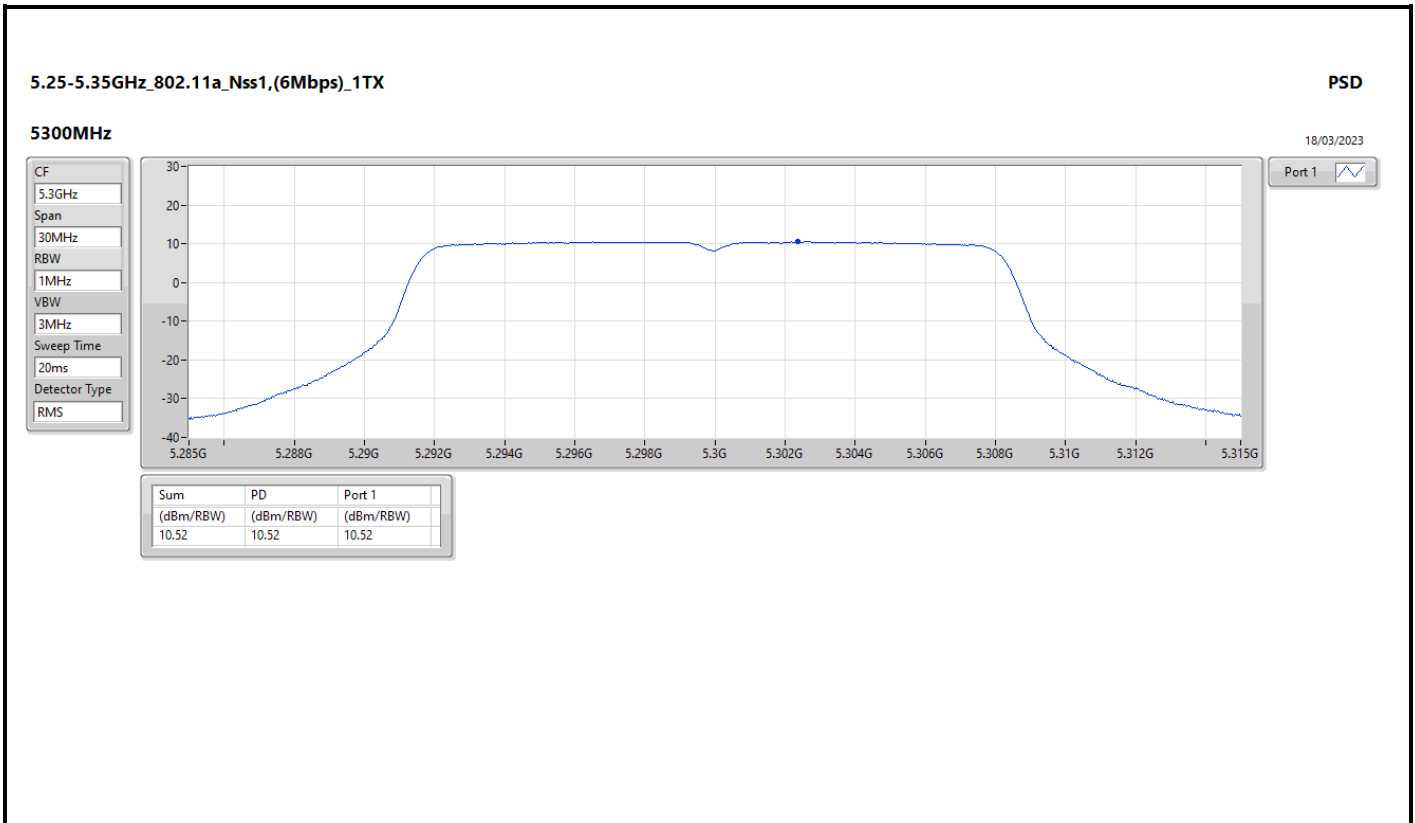
PSD_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix D.1

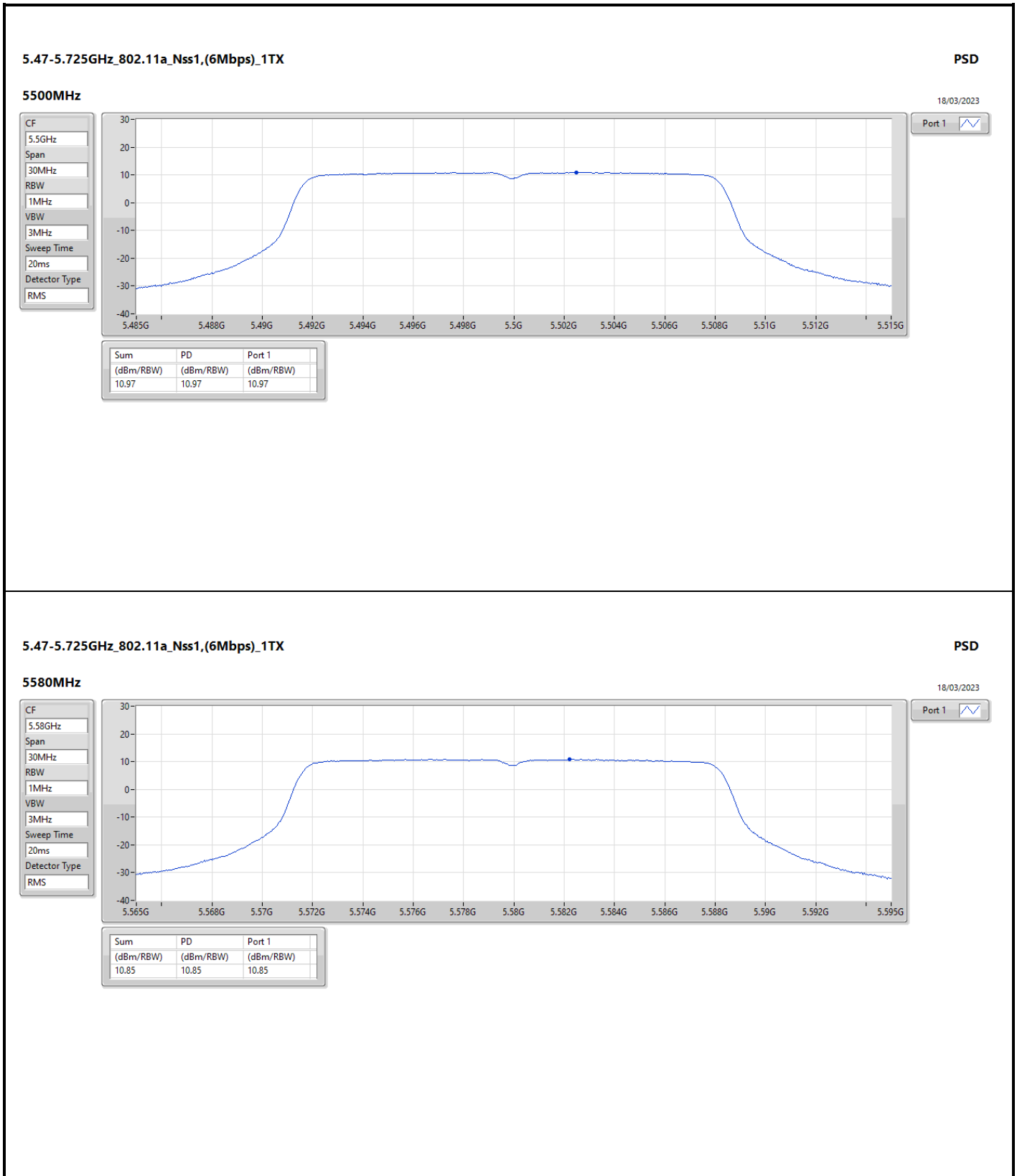
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	7.35	2.85	-1.71	0.34	1.99	6.91	28.65
5745MHz	Pass	7.35	11.07	10.52	10.37	11.13	15.92	28.65
5785MHz	Pass	7.35	10.08	9.68	9.10	10.52	15.49	28.65
5825MHz	Pass	7.35	10.51	9.36	9.71	10.92	15.40	28.65
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.58	7.80	7.03	6.41	5.96	12.38	16.42
5200MHz	Pass	6.58	10.82	10.43	9.57	8.93	15.32	16.42
5240MHz	Pass	6.58	9.43	10.01	8.74	8.38	14.84	16.42
5260MHz	Pass	6.15	5.27	5.53	4.59	3.85	9.90	10.85
5300MHz	Pass	6.15	4.77	4.75	3.75	3.11	9.81	10.85
5320MHz	Pass	6.15	5.37	4.99	4.10	3.48	10.06	10.85
5500MHz	Pass	6.87	4.22	5.64	4.07	3.95	9.74	10.13
5580MHz	Pass	6.87	4.68	5.03	3.80	3.35	9.68	10.13
5700MHz	Pass	6.87	4.12	4.22	3.67	4.07	9.46	10.13
5720MHz Straddle 5.47-5.725GHz	Pass	6.87	4.86	3.65	2.72	4.42	9.72	10.13
5720MHz Straddle 5.725-5.85GHz	Pass	7.35	1.21	0.50	0.73	1.59	6.34	28.65
5745MHz	Pass	7.35	10.31	10.26	9.67	10.88	15.87	28.65
5785MHz	Pass	7.35	10.22	10.19	8.89	10.62	15.71	28.65
5825MHz	Pass	7.35	10.54	8.66	9.20	10.34	15.34	28.65
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.58	0.54	0.20	-0.55	-1.28	5.28	16.42
5230MHz	Pass	6.58	5.65	5.76	4.30	4.51	10.37	16.42
5270MHz	Pass	6.15	3.23	3.61	2.70	2.12	8.07	10.85
5310MHz	Pass	6.15	1.85	1.85	0.86	0.64	6.95	10.85
5510MHz	Pass	6.87	3.38	3.85	2.78	2.65	8.98	10.13
5550MHz	Pass	6.87	2.93	3.06	2.60	3.09	8.43	10.13
5670MHz	Pass	6.87	3.55	3.91	3.24	4.04	9.12	10.13
5710MHz Straddle 5.47-5.725GHz	Pass	6.87	3.16	3.20	2.49	3.48	8.69	10.13
5710MHz Straddle 5.725-5.85GHz	Pass	7.35	0.46	-3.09	-1.63	0.59	5.17	28.65
5755MHz	Pass	7.35	7.21	6.79	6.42	7.31	12.50	28.65
5795MHz	Pass	7.35	7.66	7.13	6.81	7.93	12.81	28.65
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.58	-1.73	-1.79	-3.68	-3.20	2.69	16.42
5290MHz	Pass	6.15	-1.83	-1.65	-2.02	-2.92	3.17	10.85
5530MHz	Pass	6.87	0.69	0.84	-0.22	-0.00	5.98	10.13
5610MHz	Pass	6.87	0.27	0.61	-0.17	0.18	5.34	10.13
5690MHz Straddle 5.47-5.725GHz	Pass	6.87	-0.20	0.25	-0.55	0.47	5.38	10.13
5690MHz Straddle 5.725-5.85GHz	Pass	7.35	-3.42	-6.95	-5.06	-3.52	1.21	28.65
5775MHz	Pass	7.35	1.31	1.05	0.60	1.45	6.61	28.65

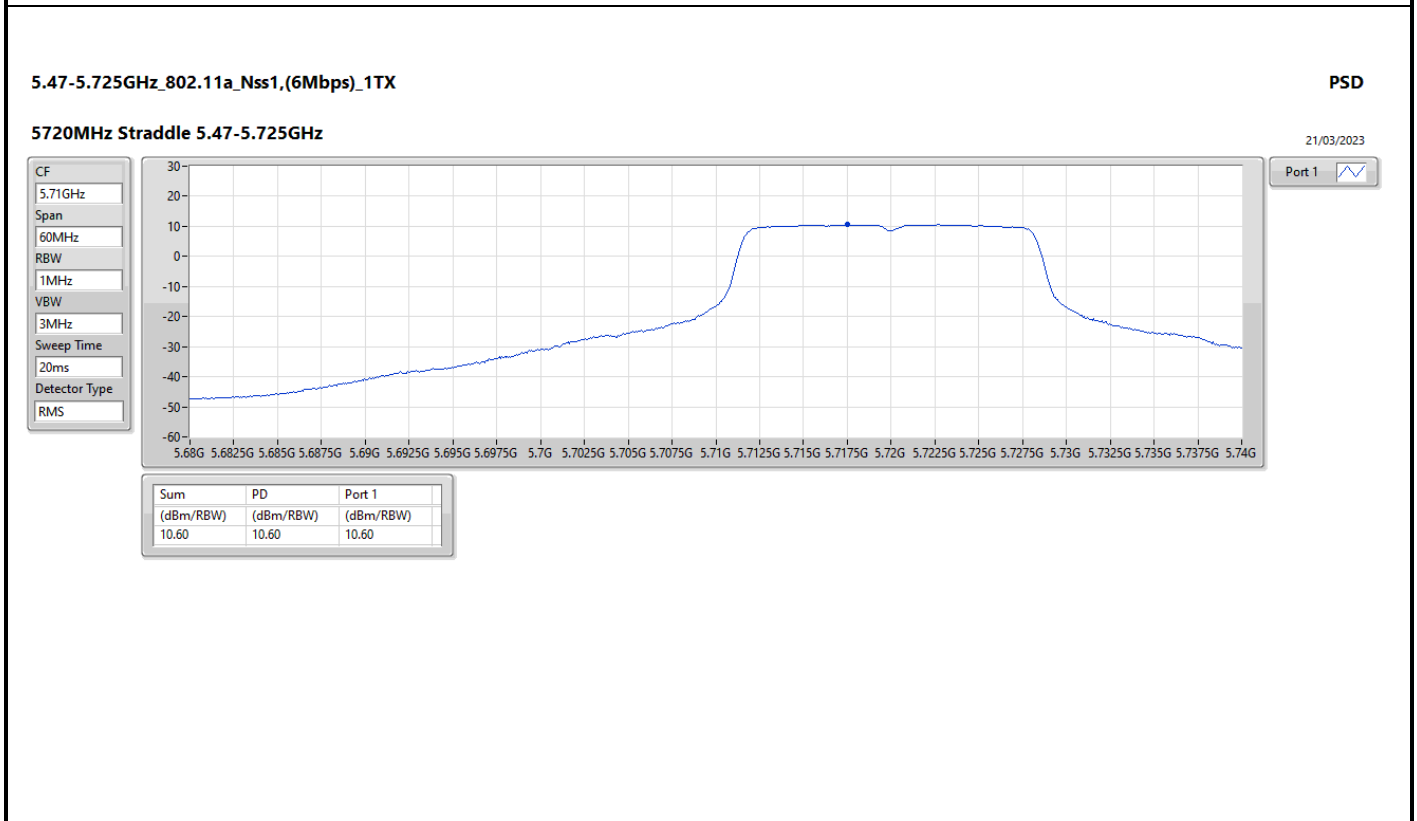
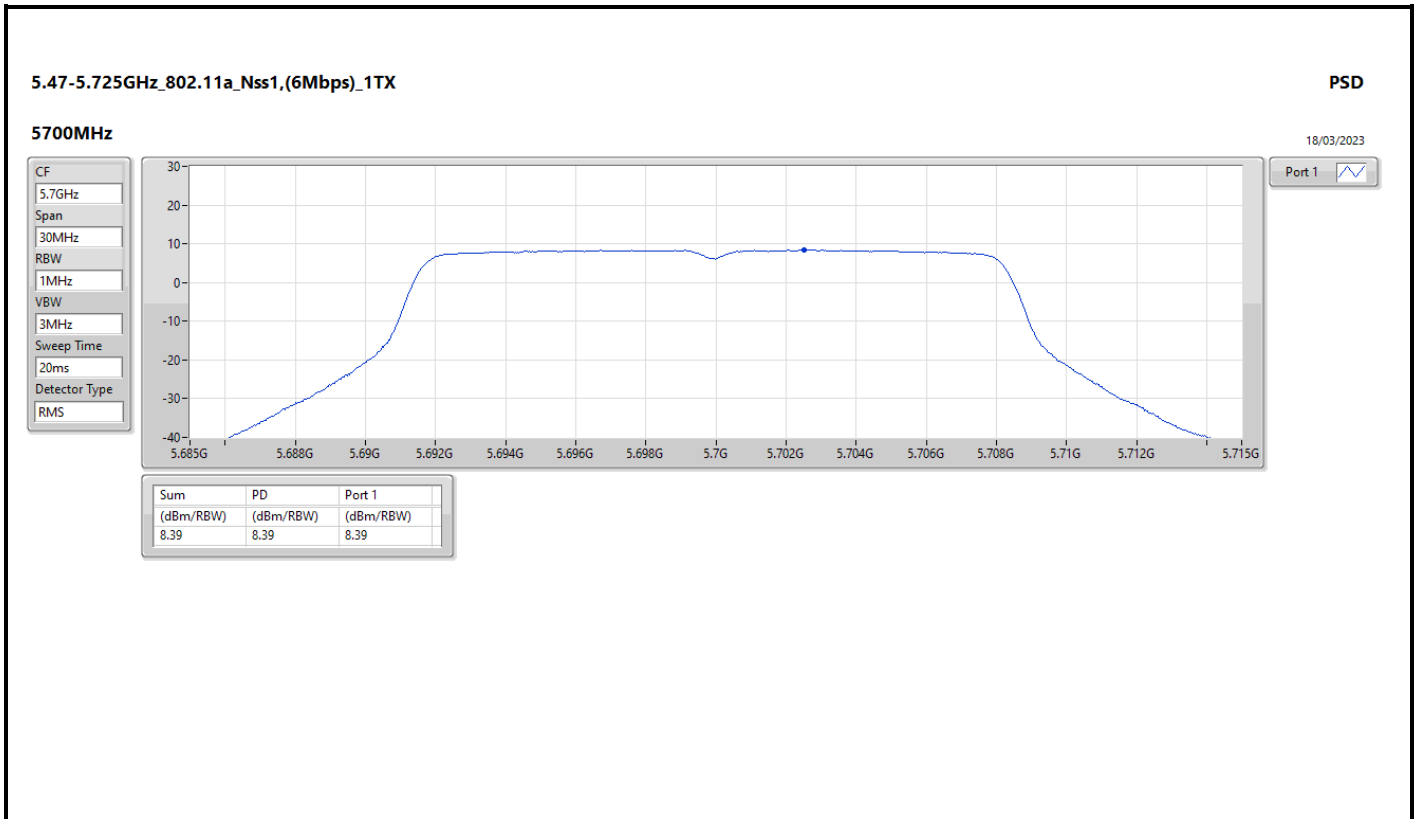
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

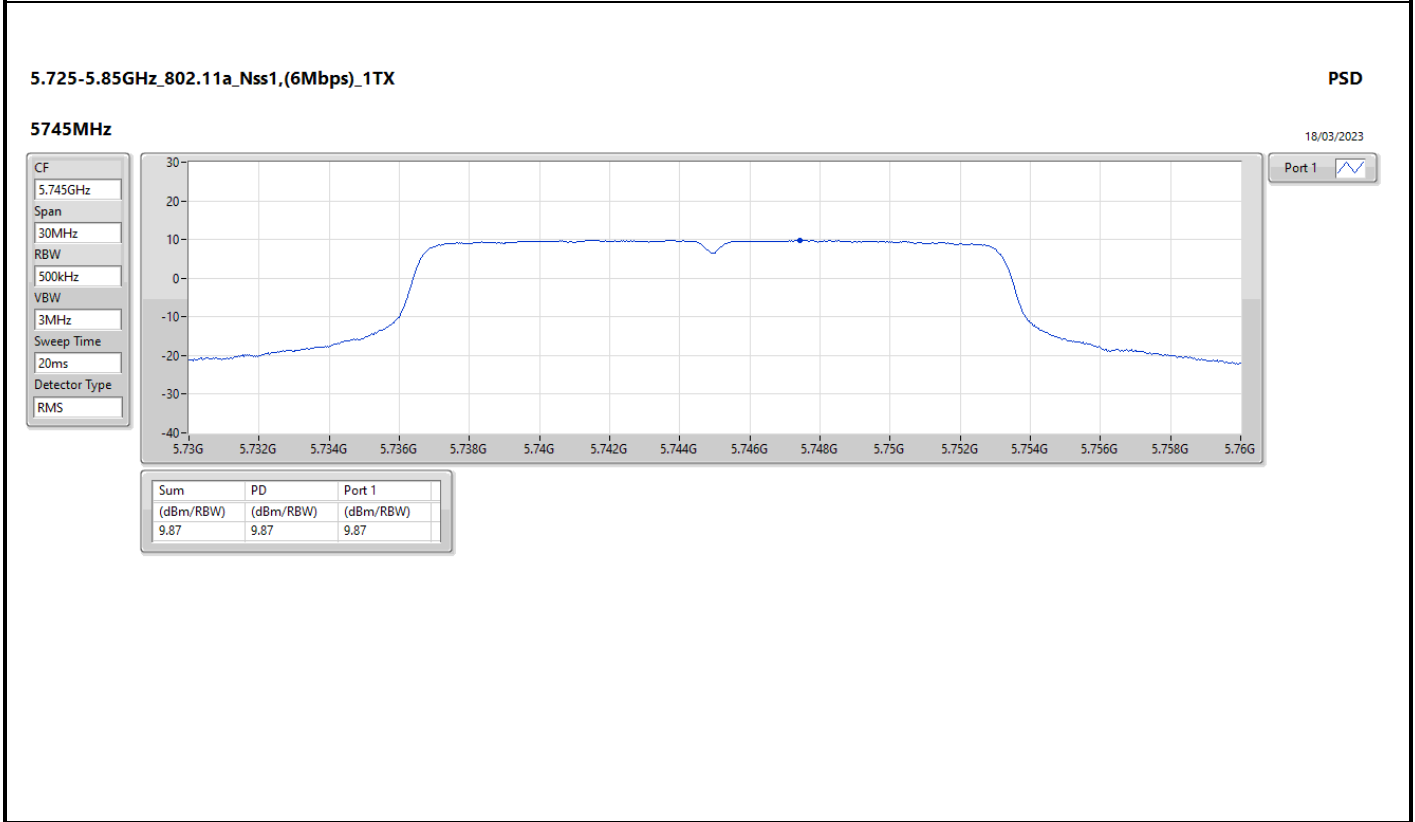
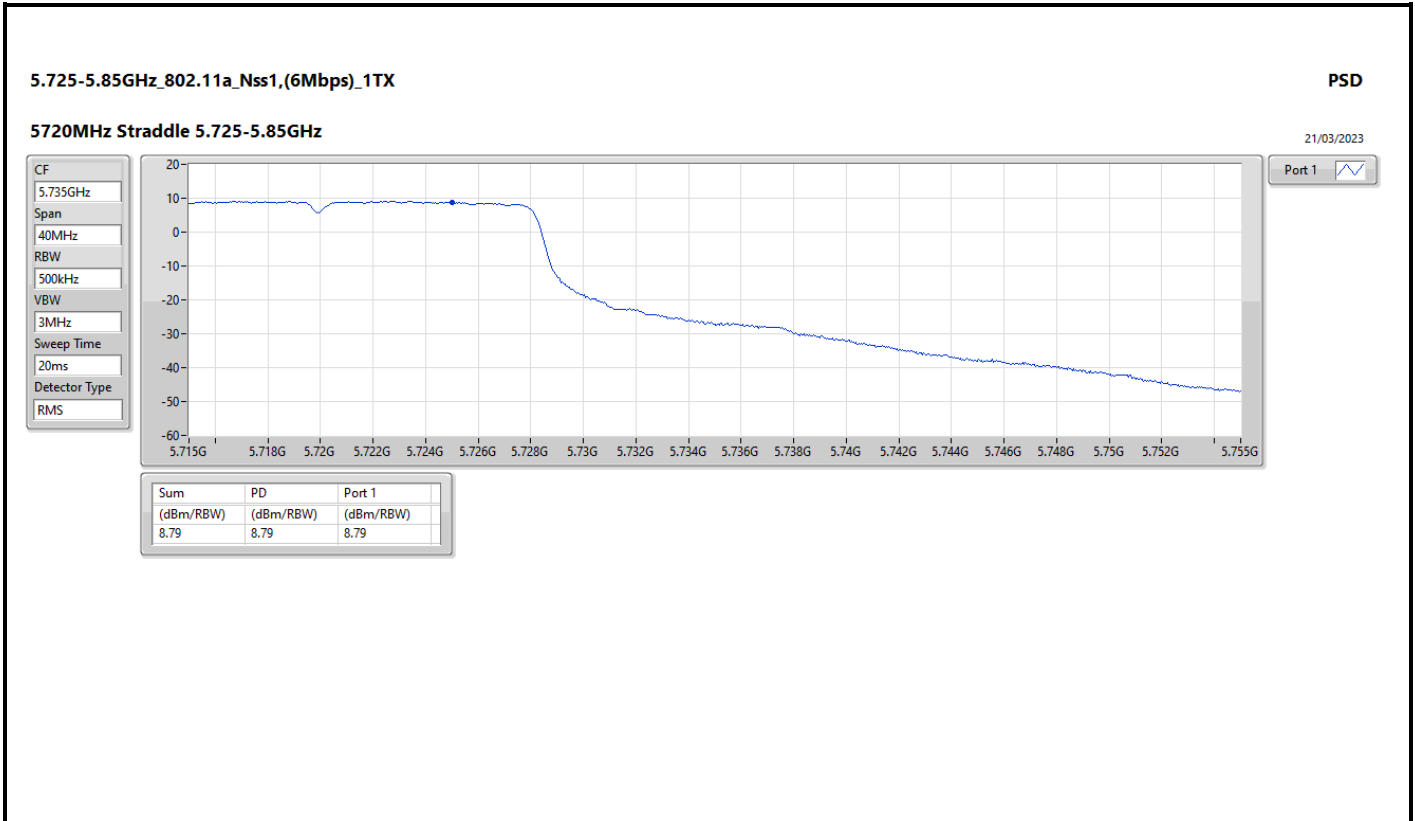


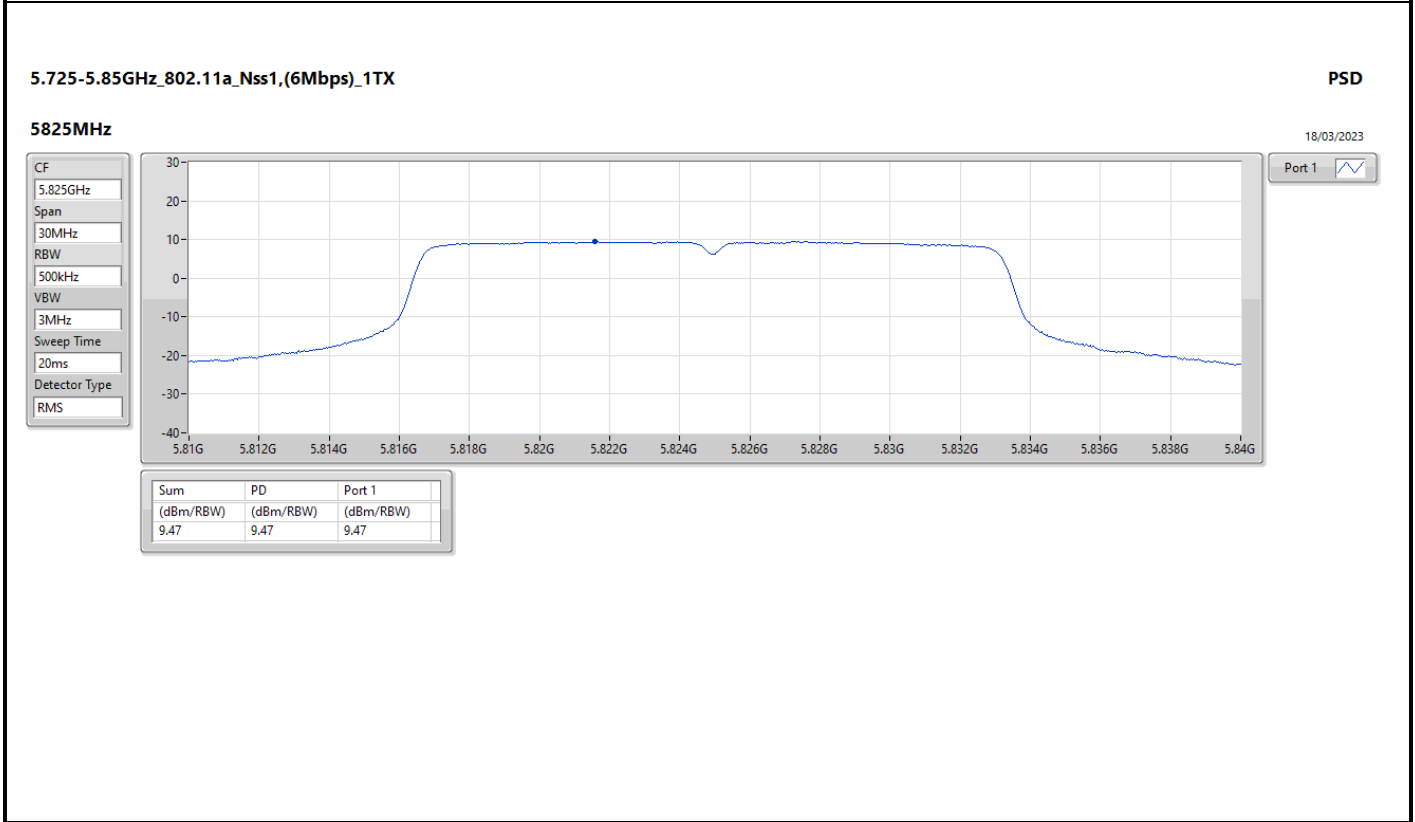
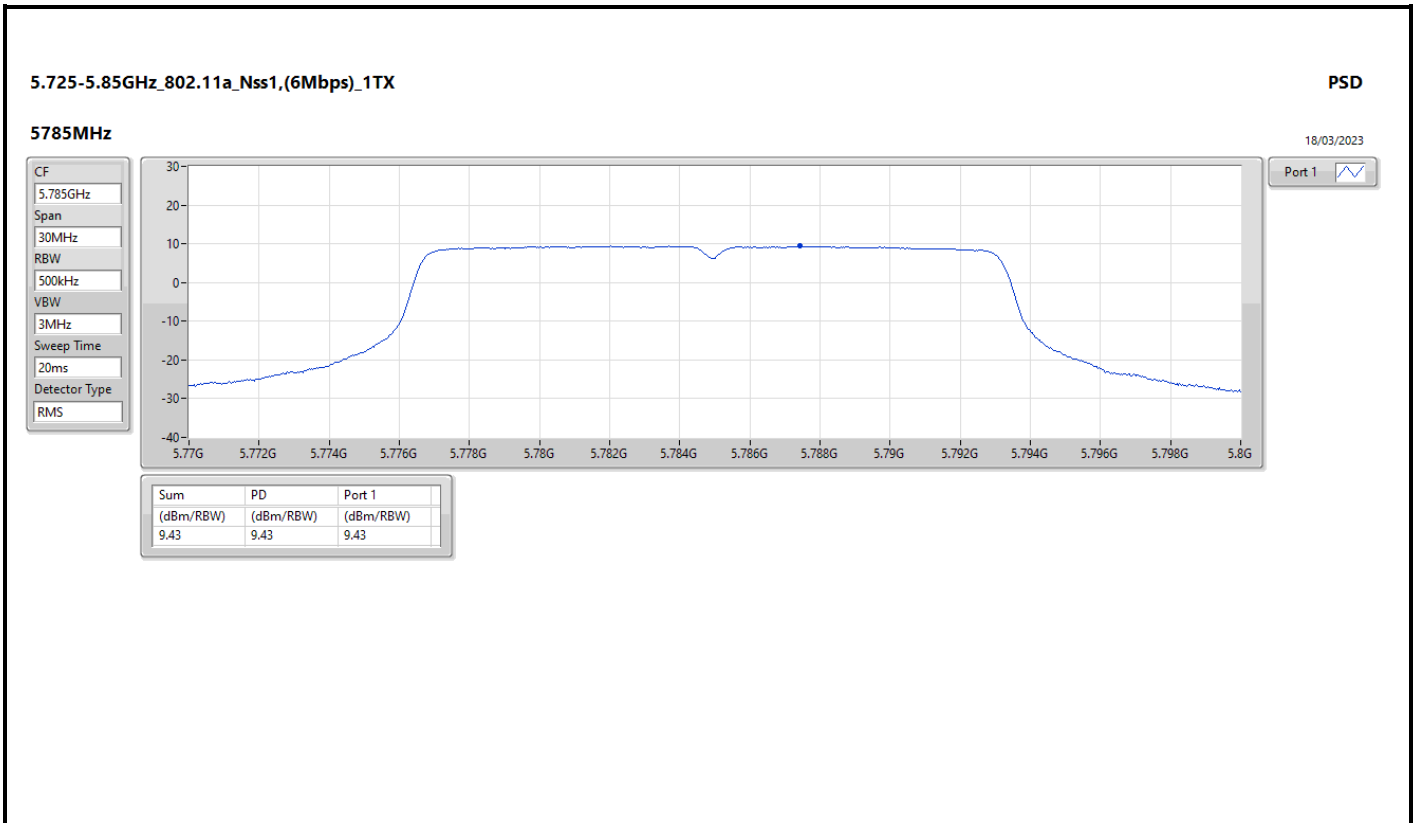


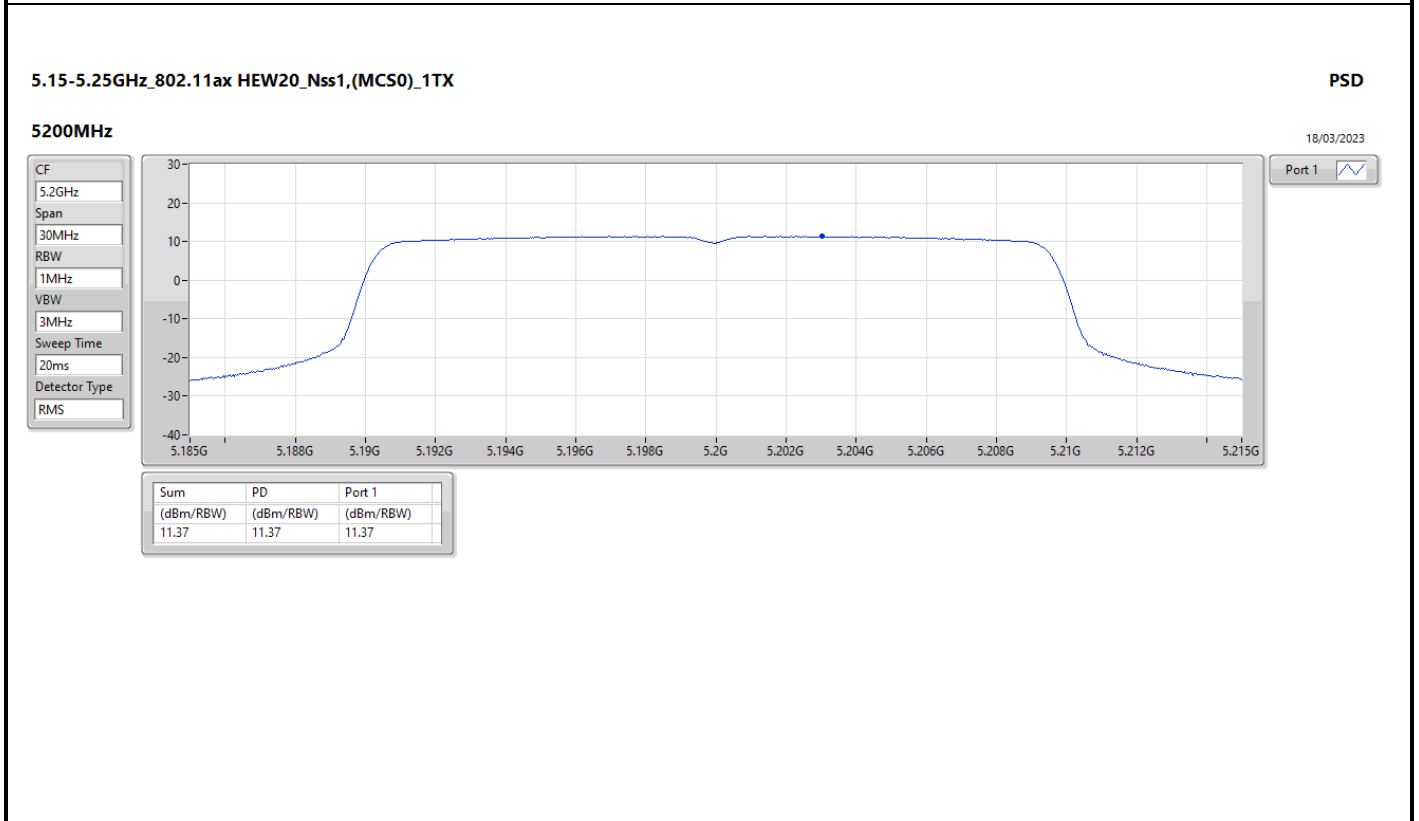
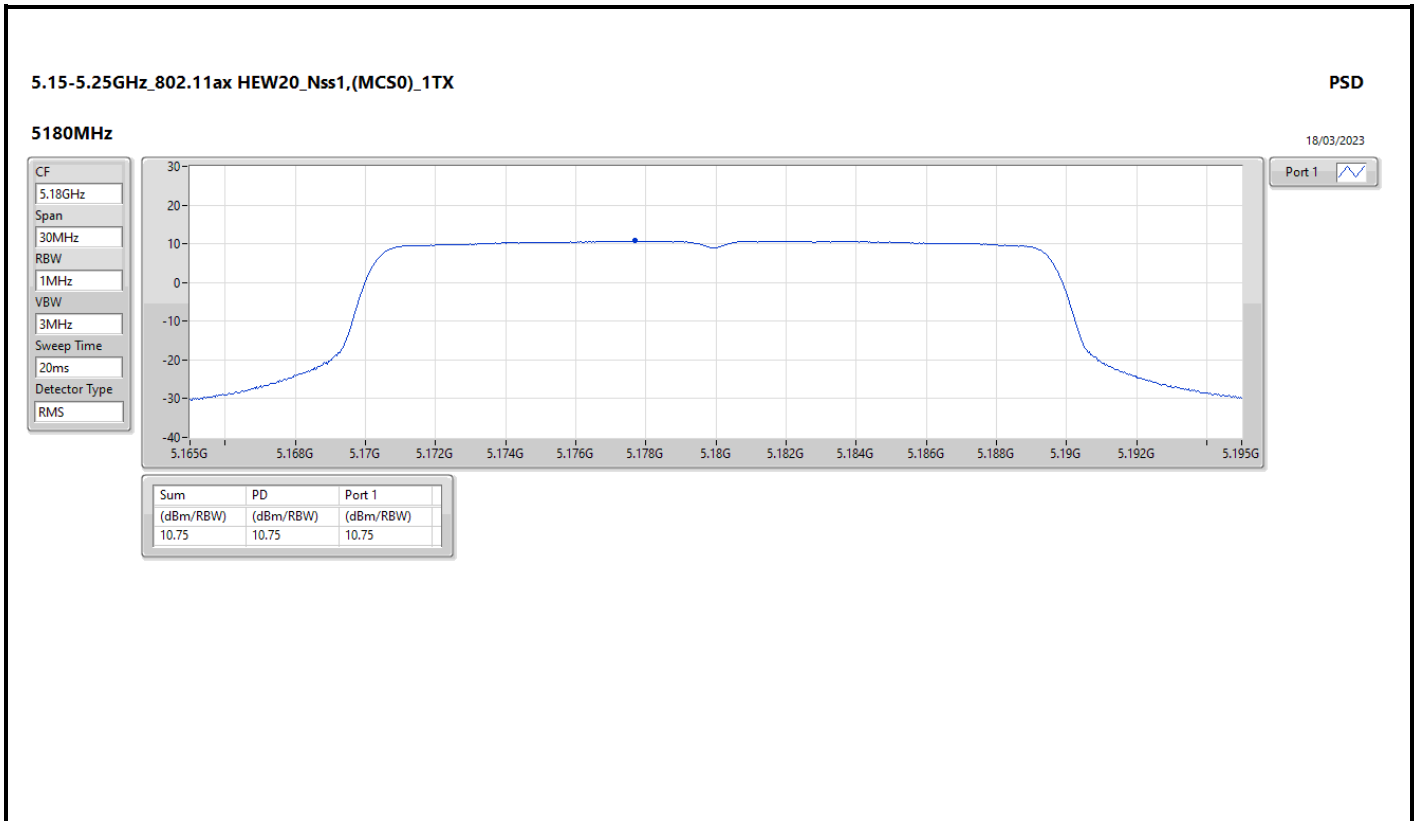


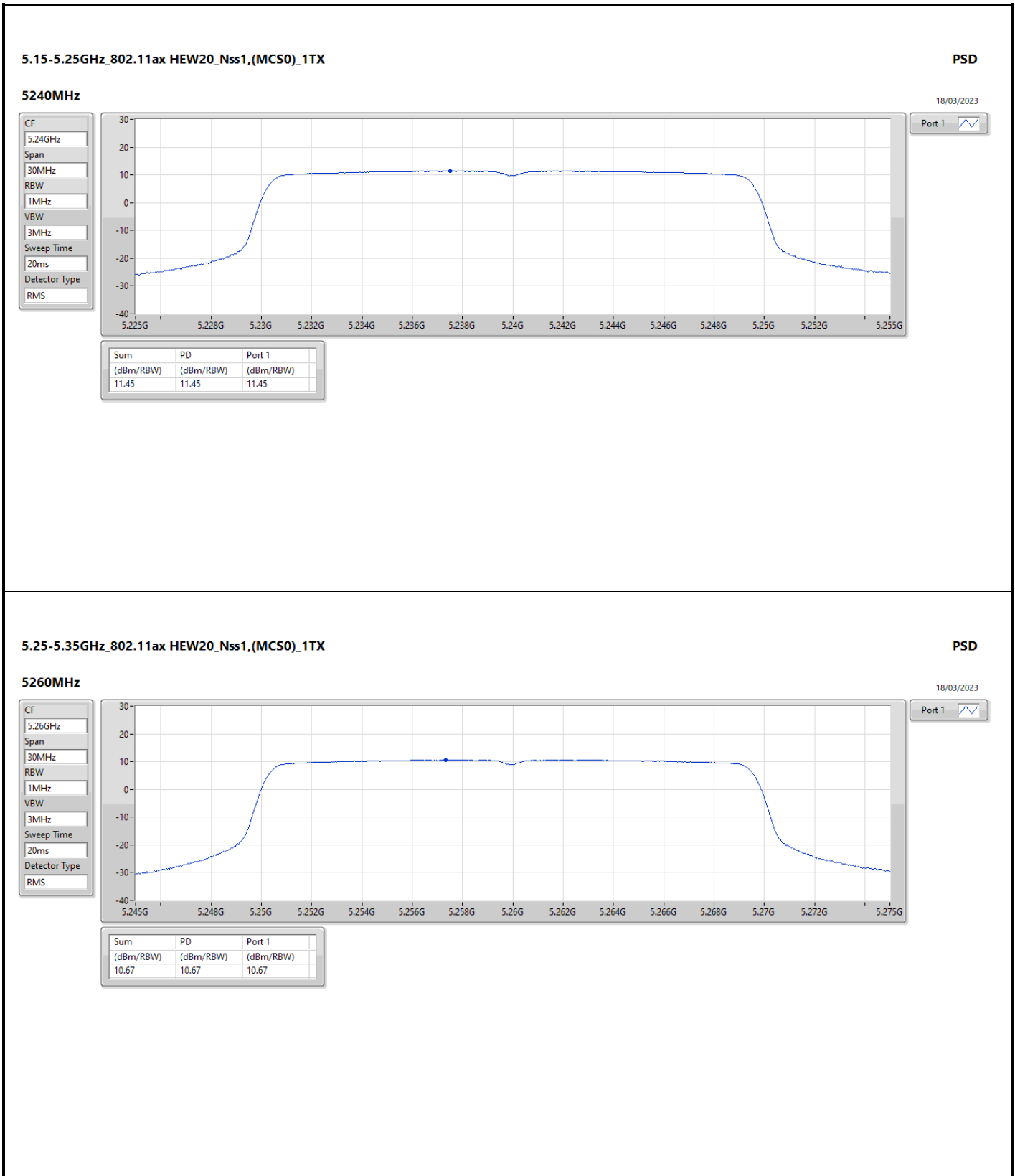


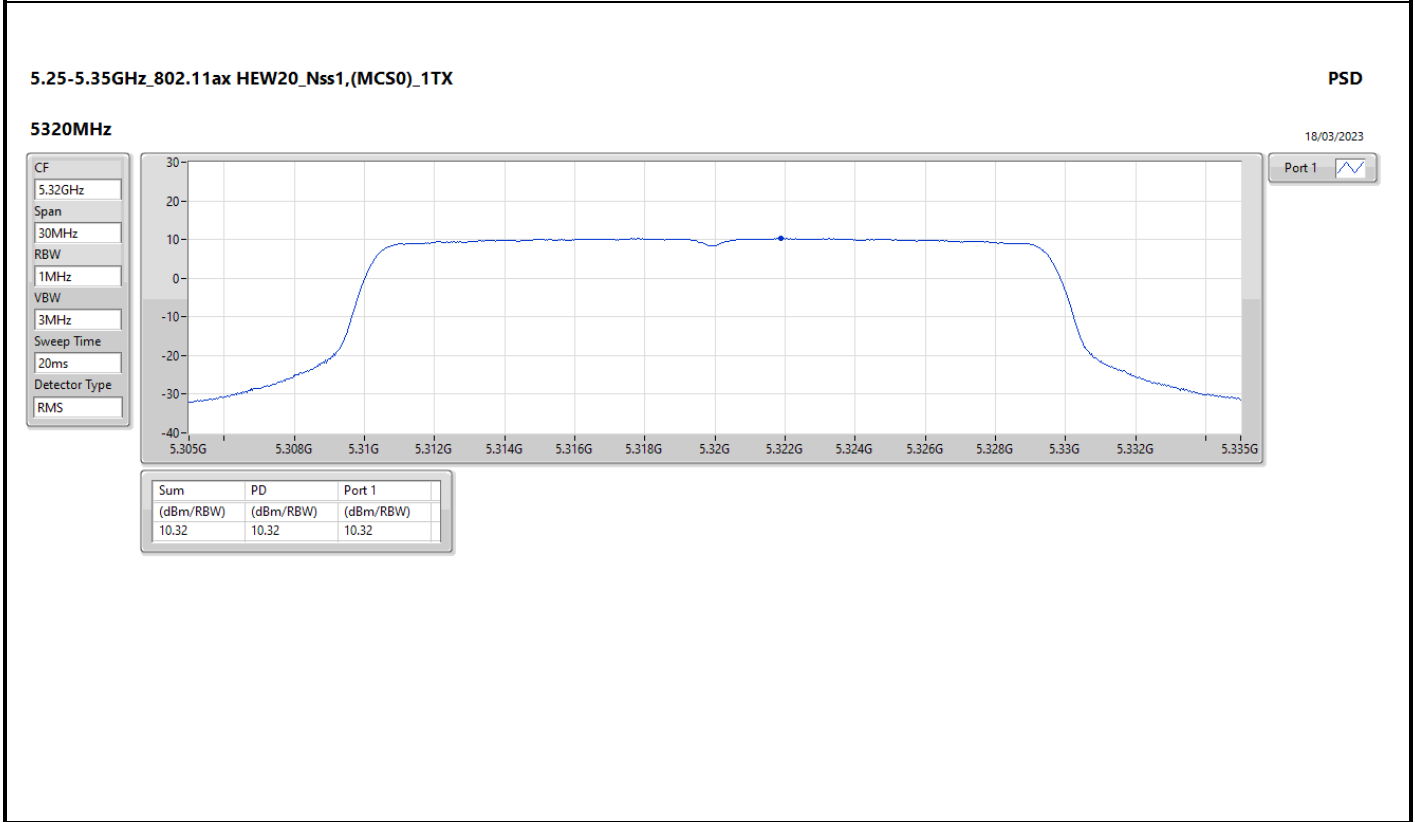
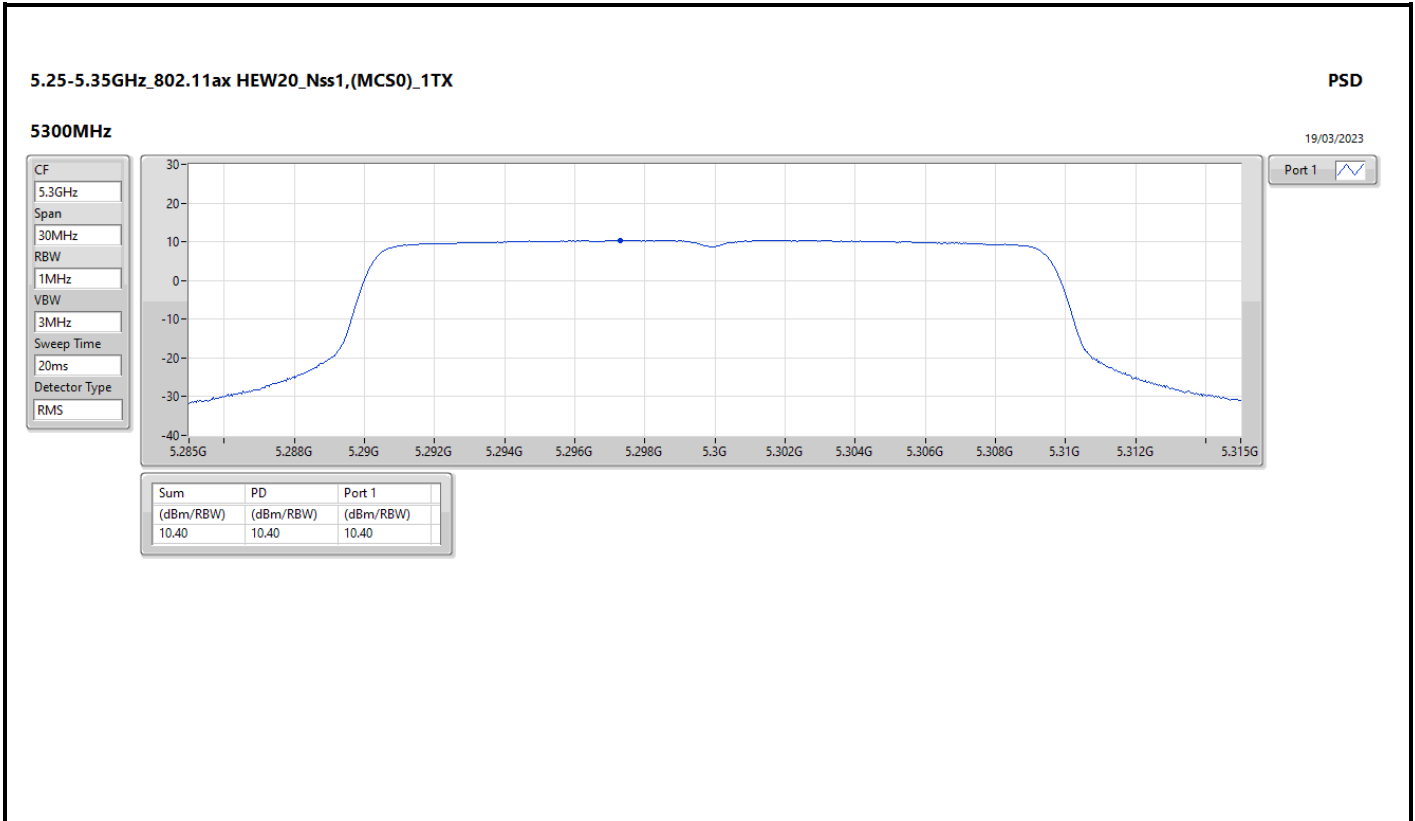


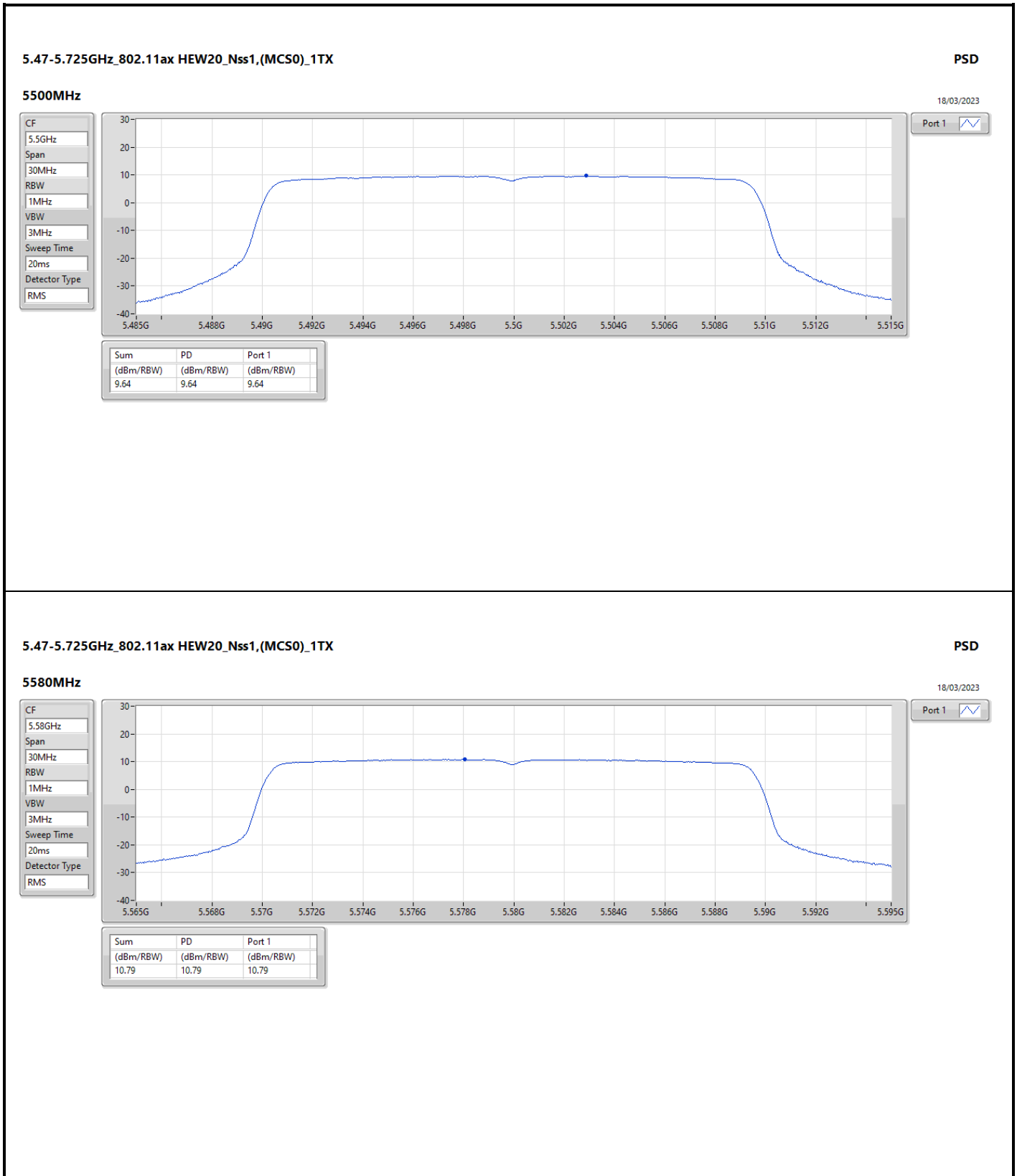


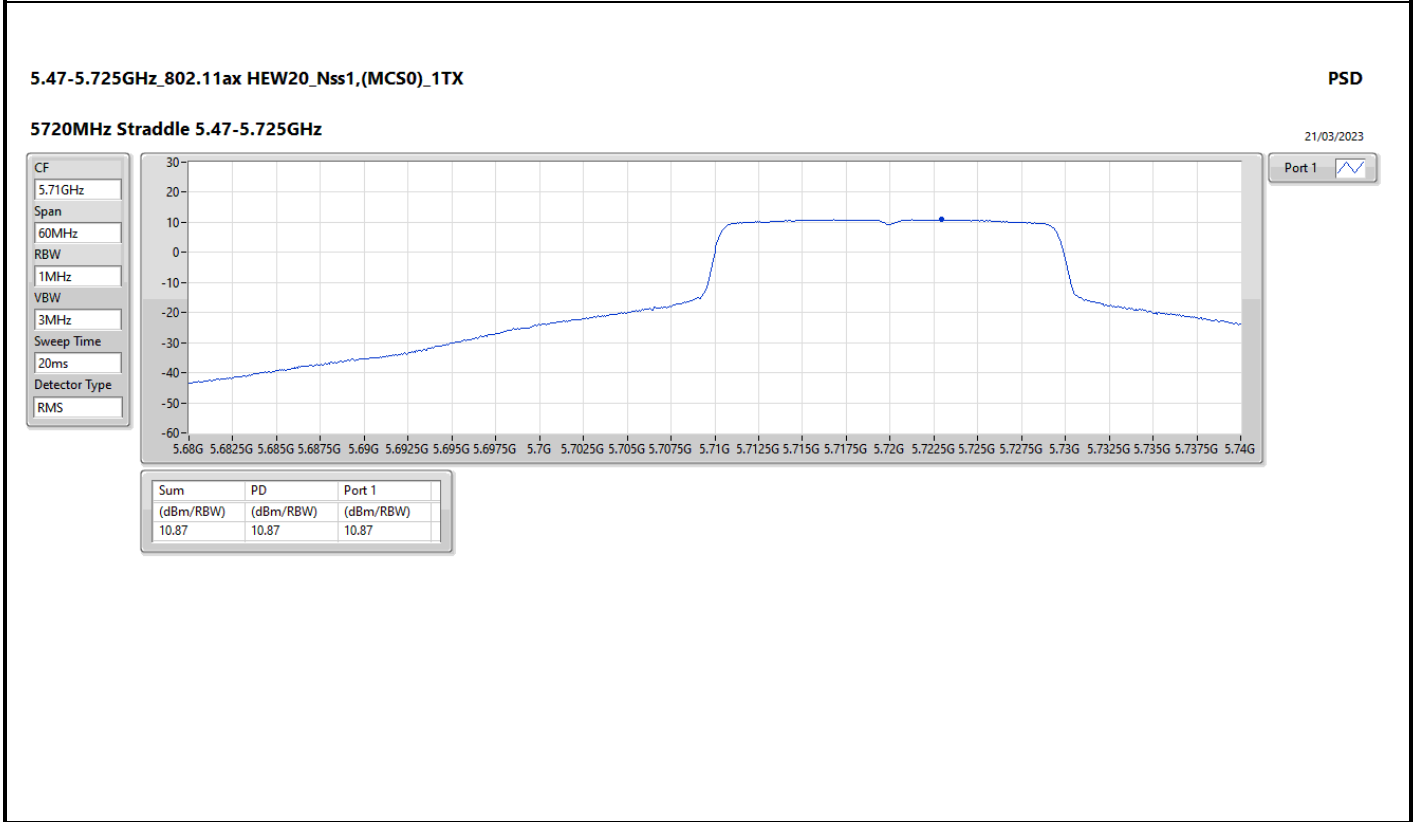
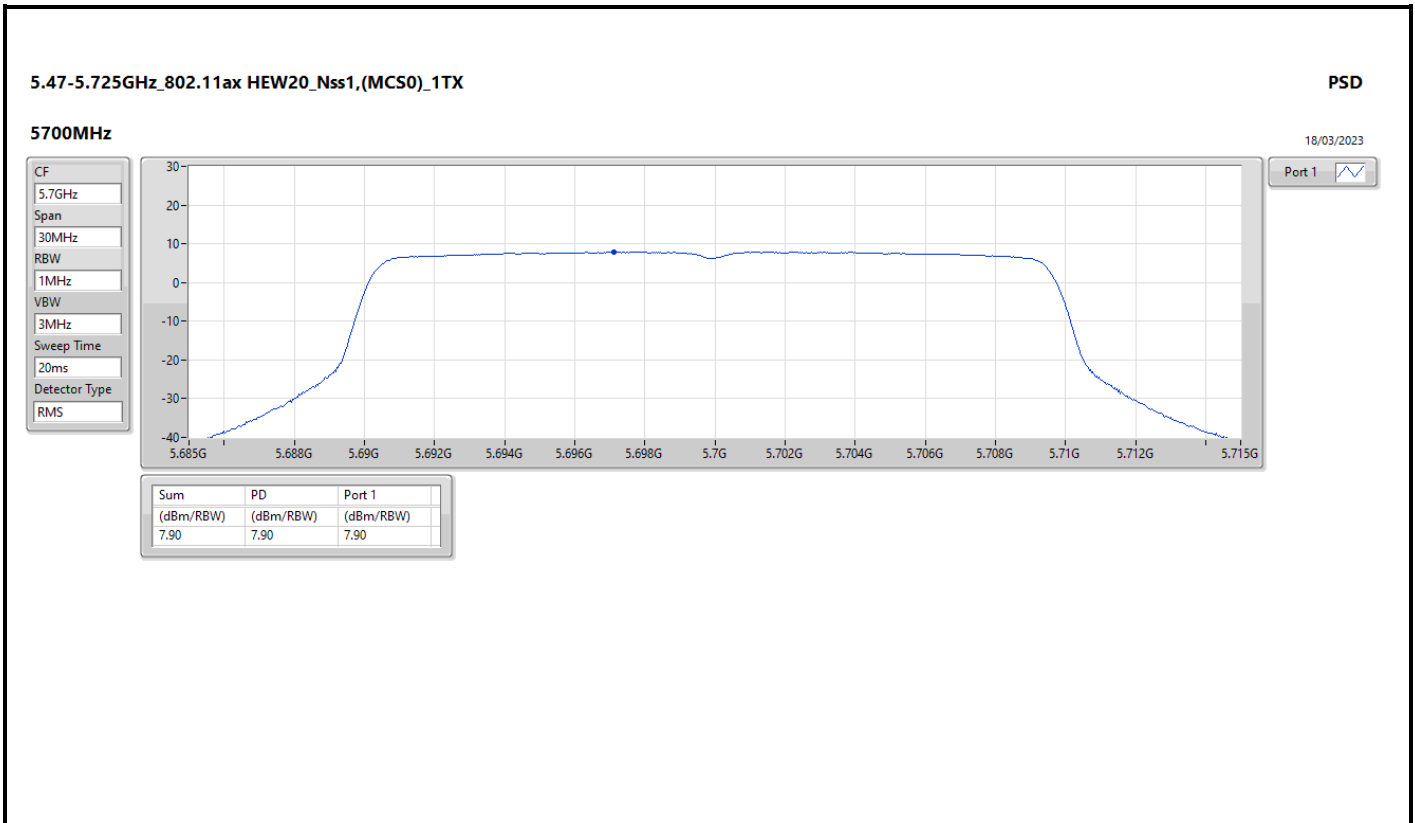


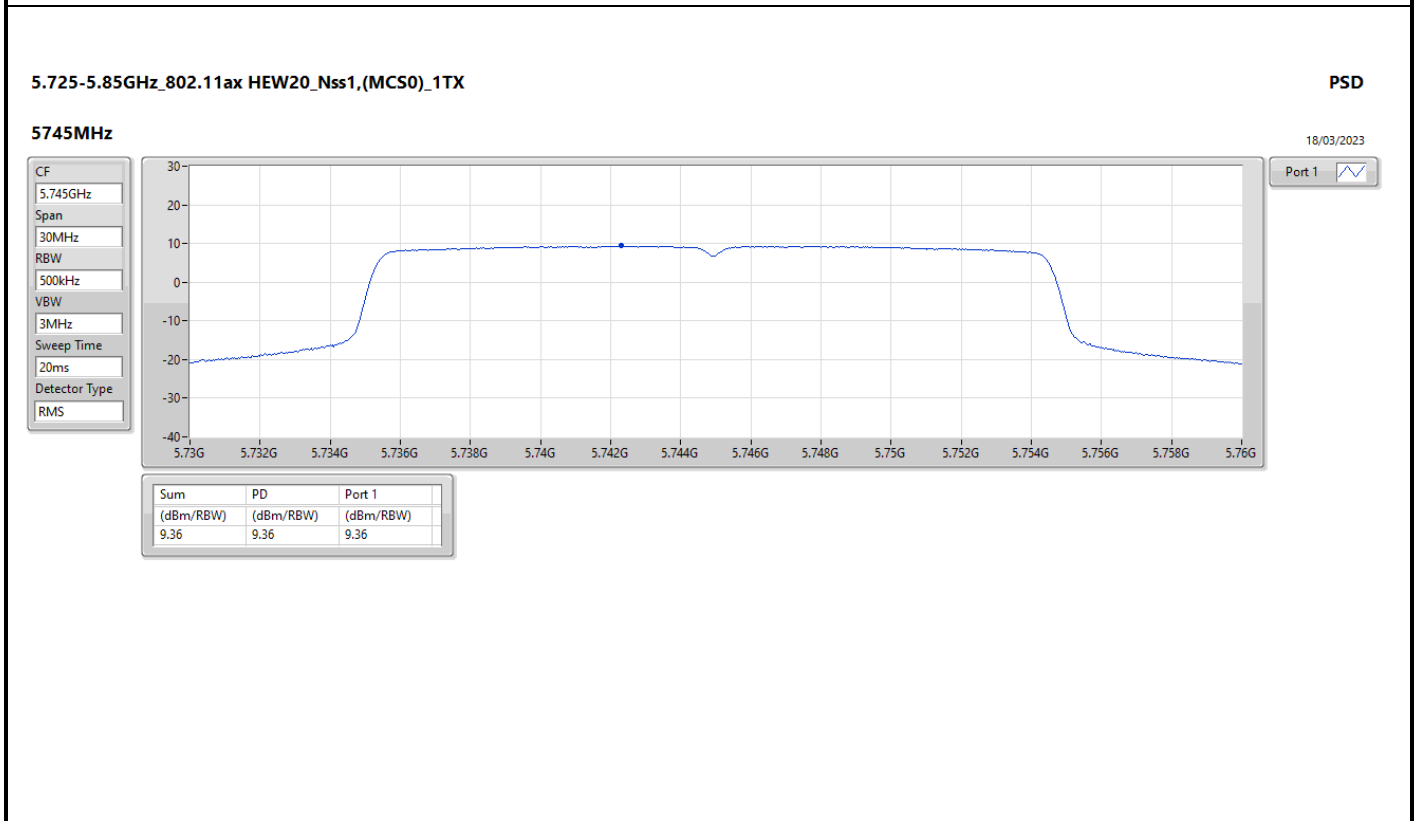
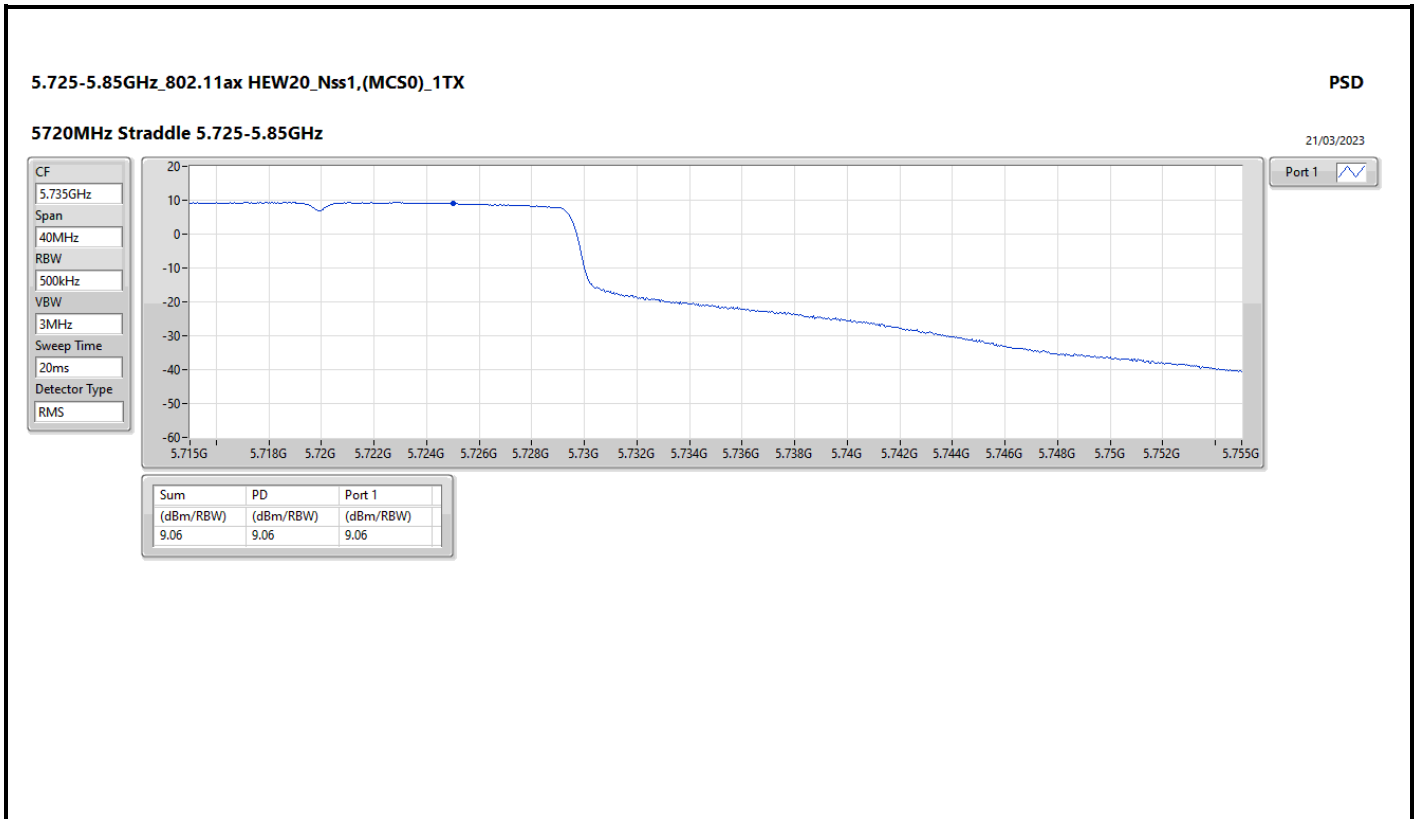


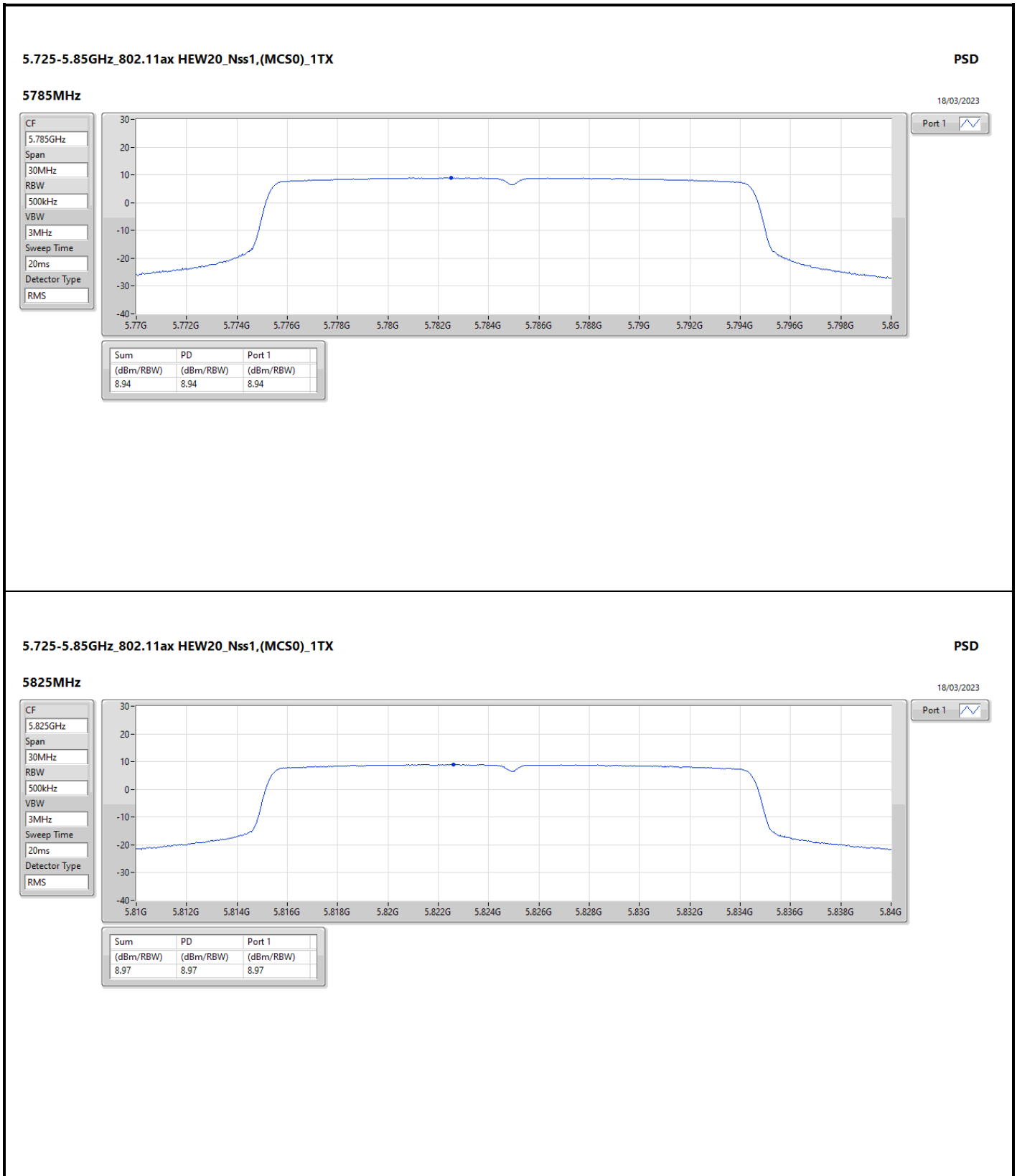


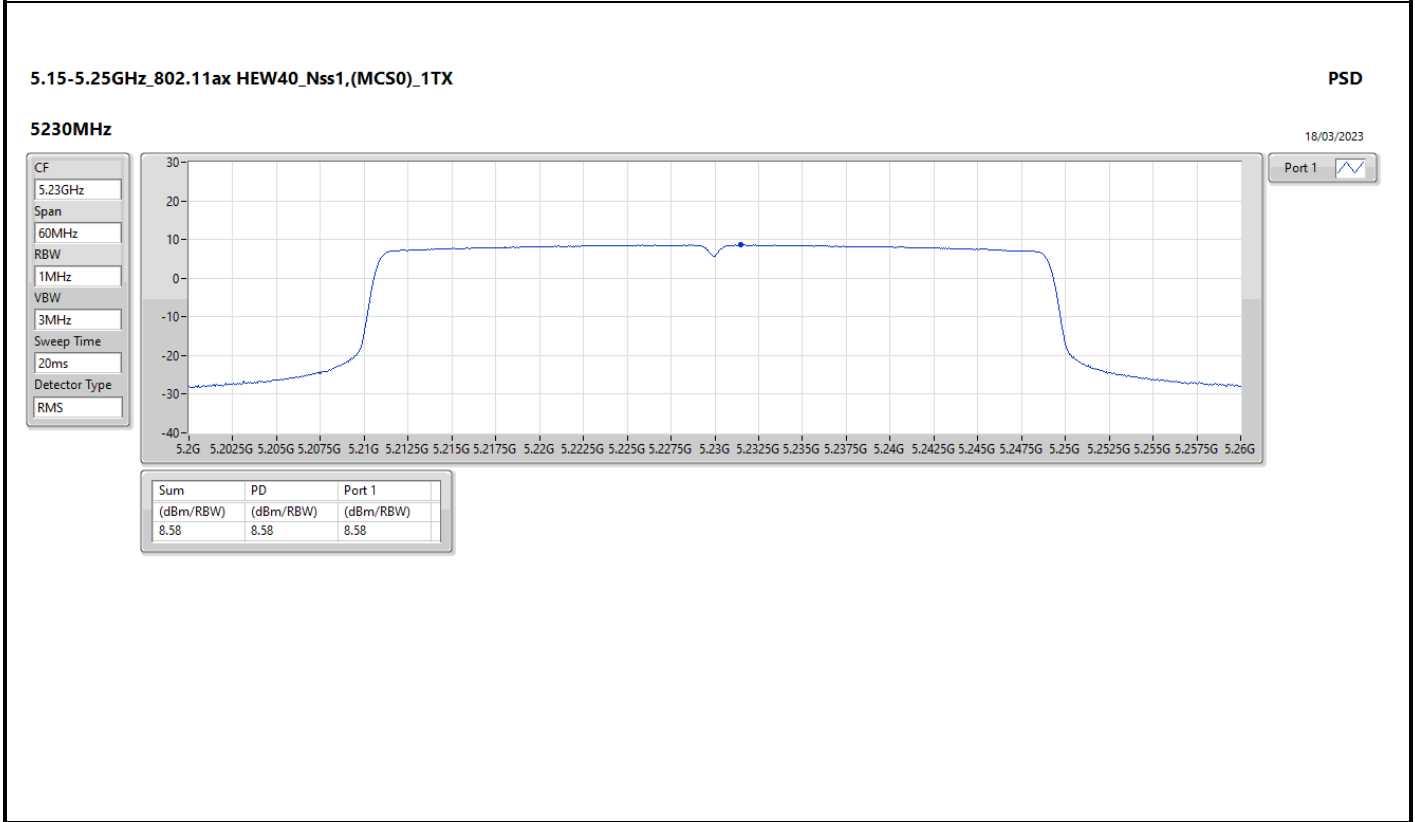
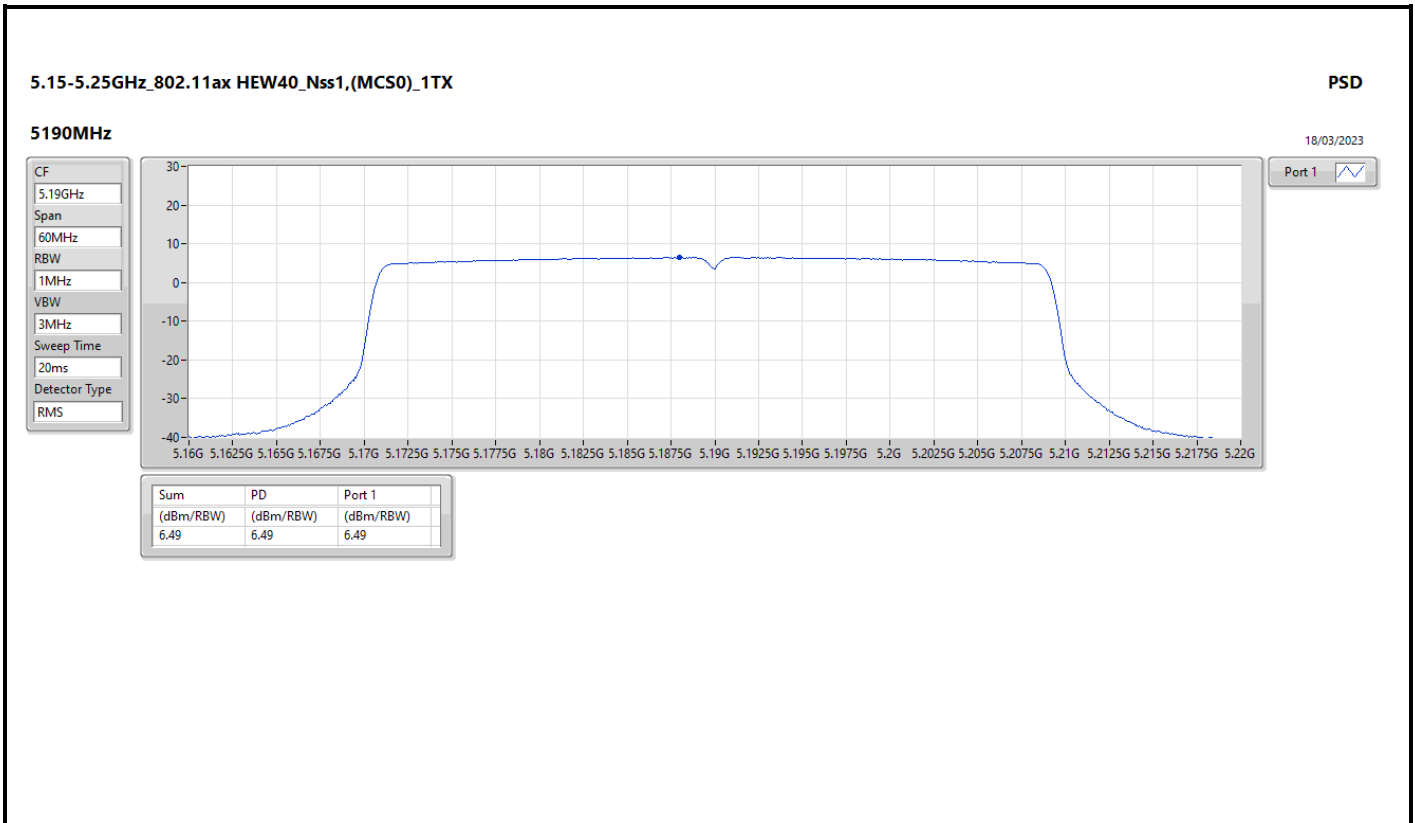


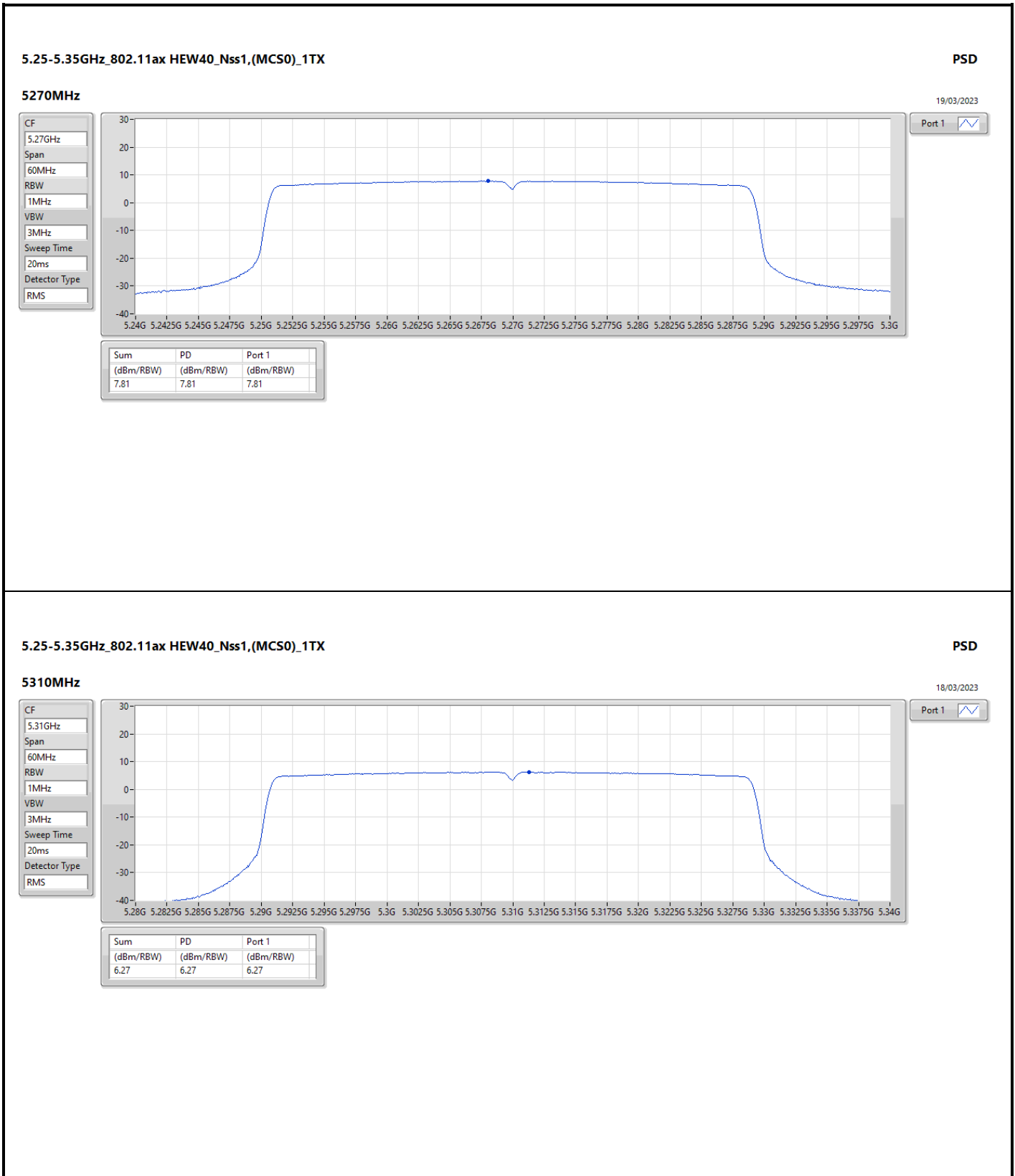


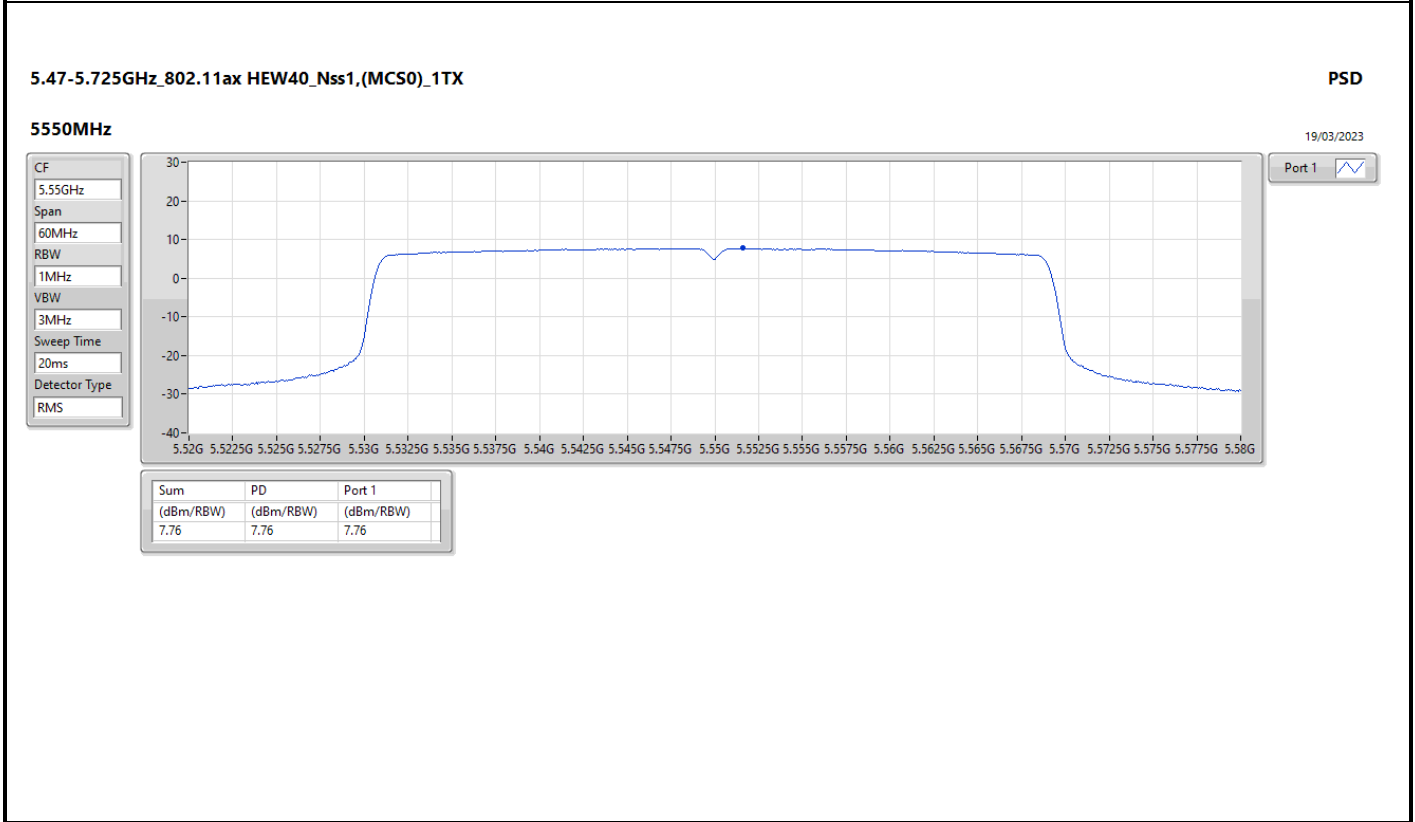
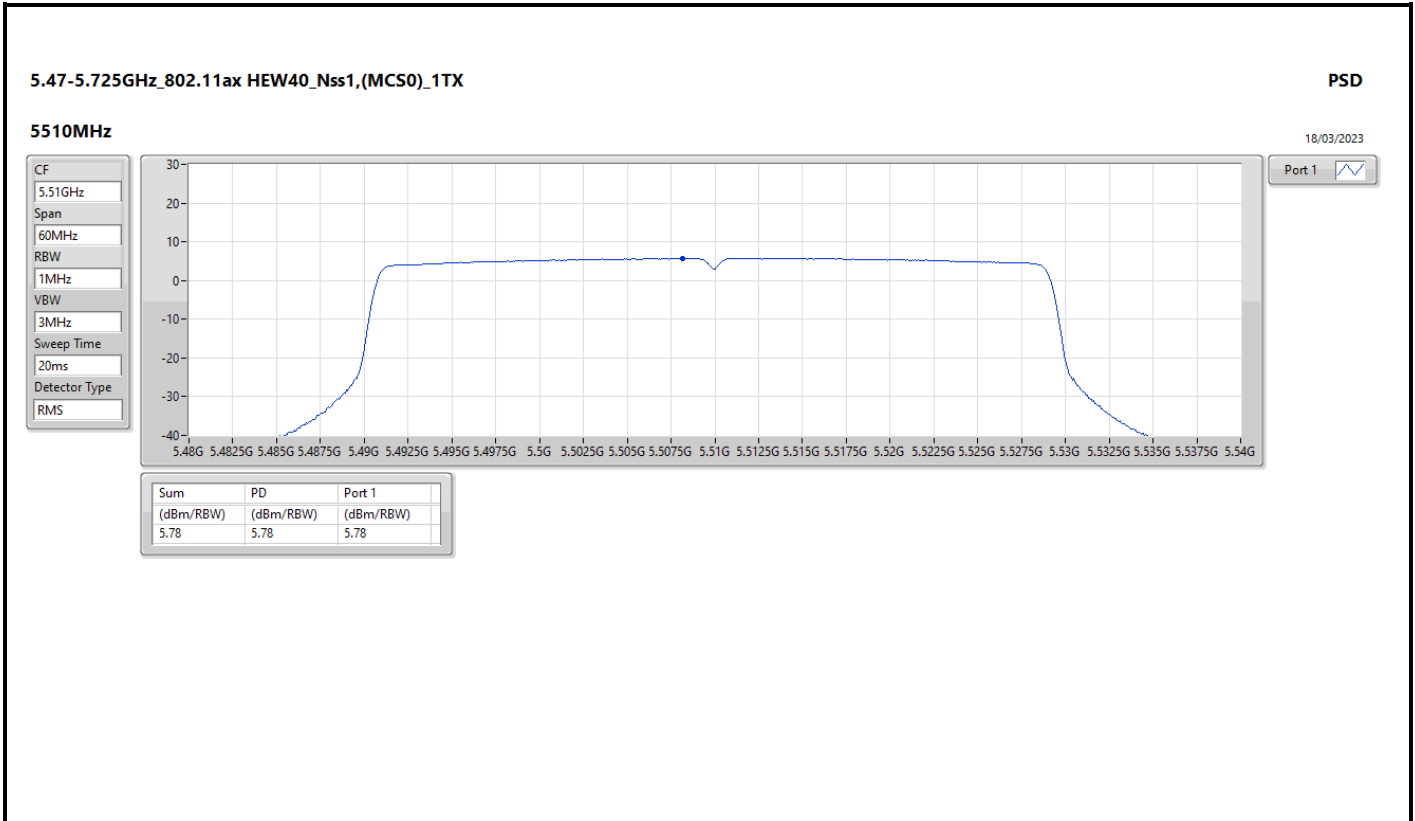


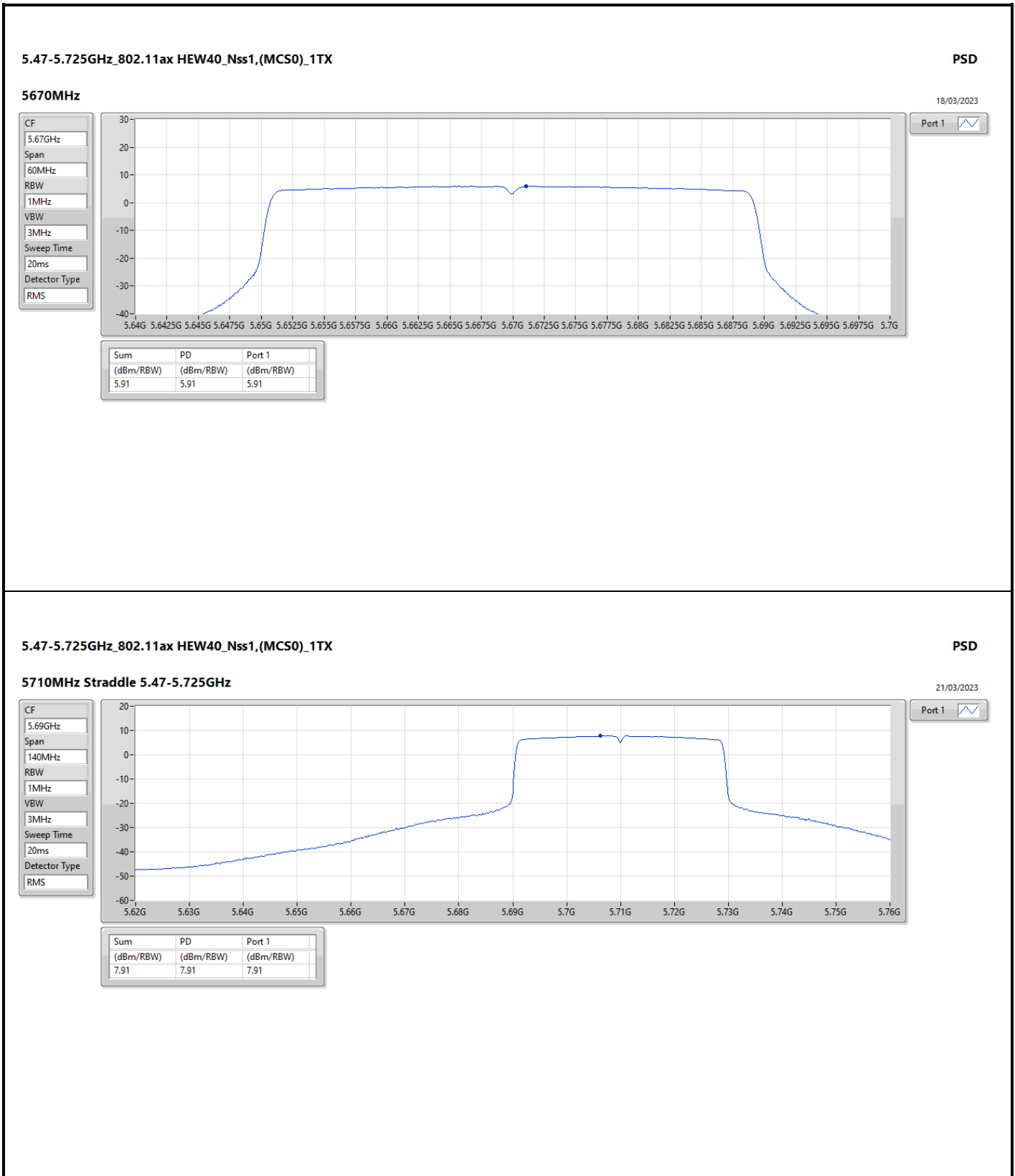


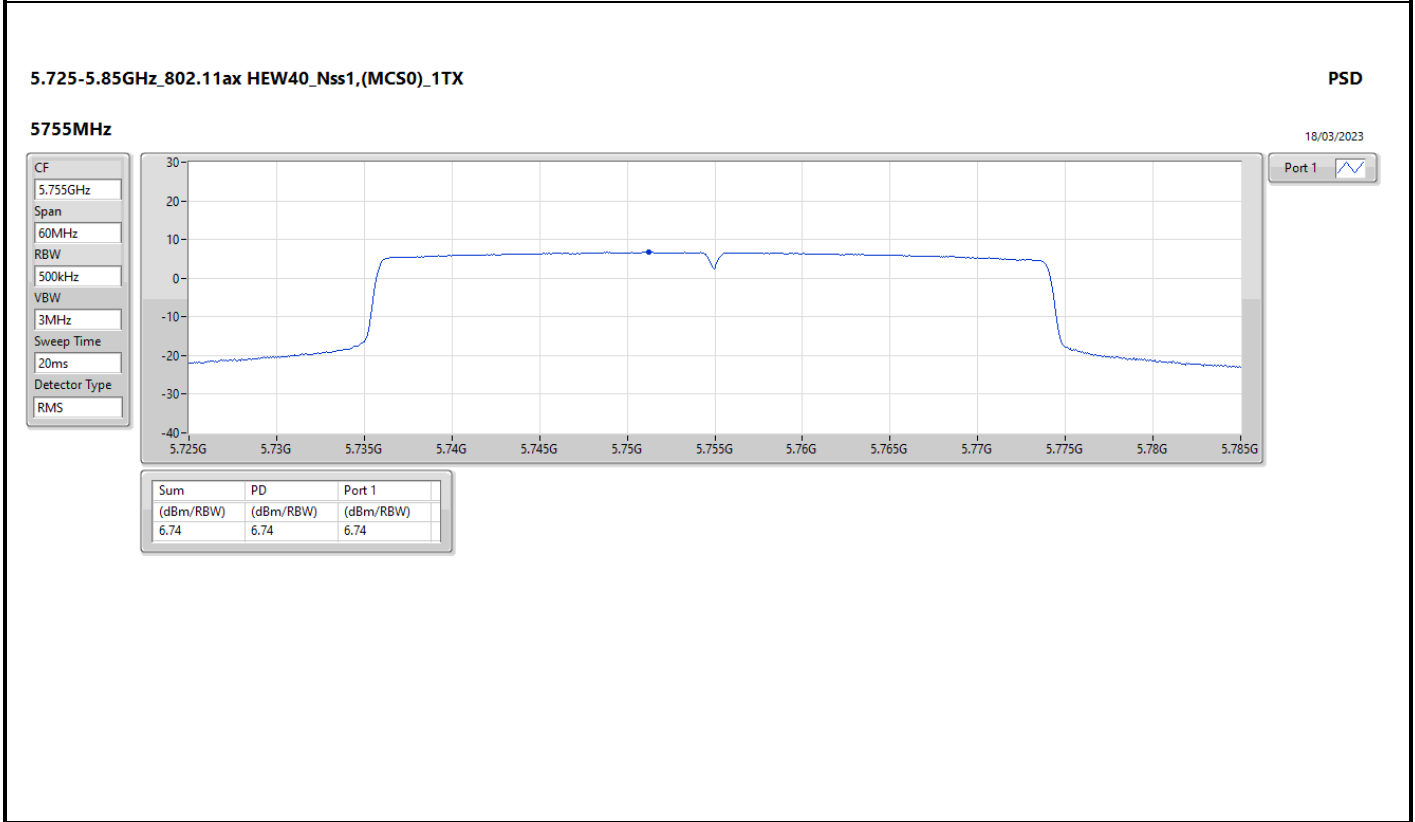
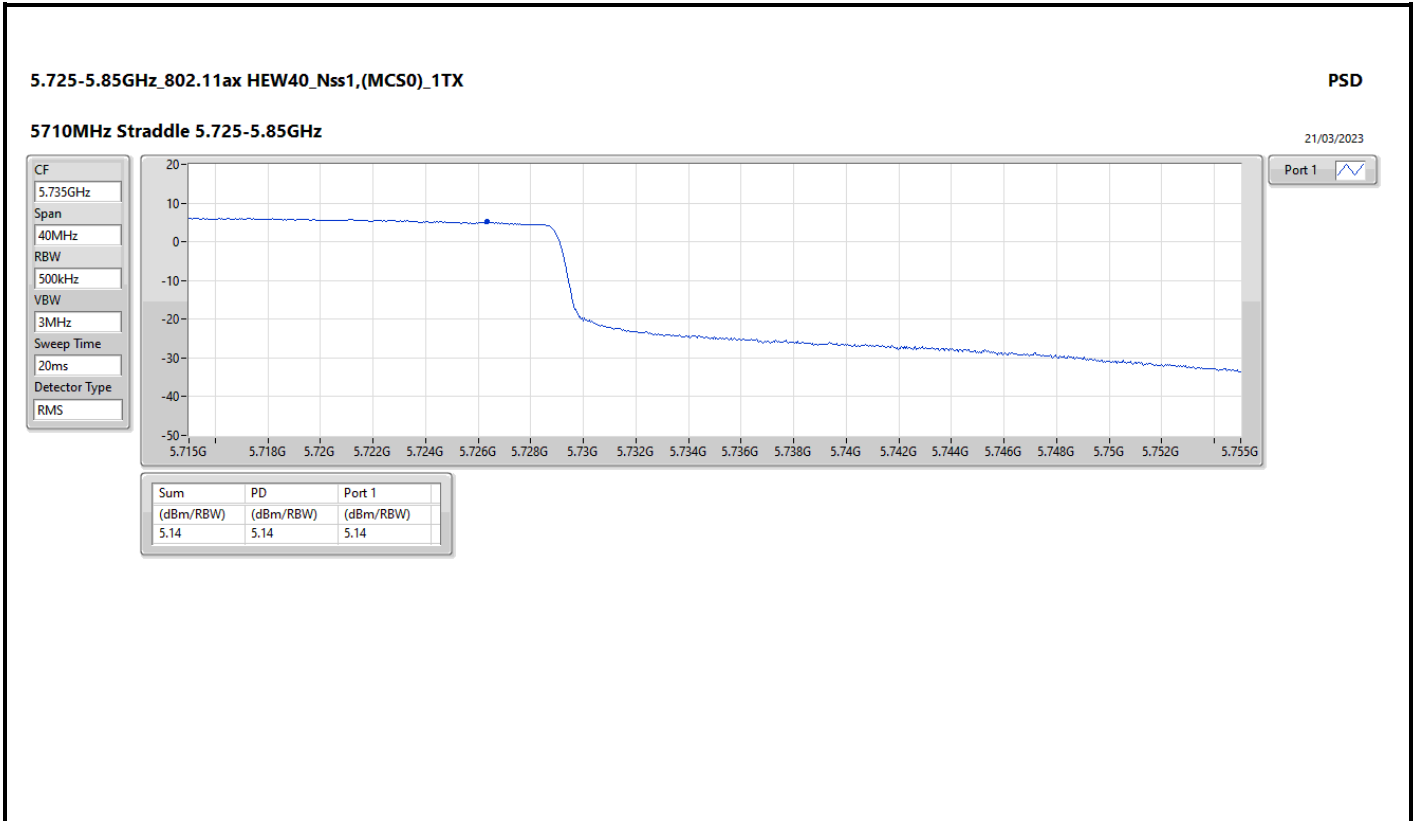


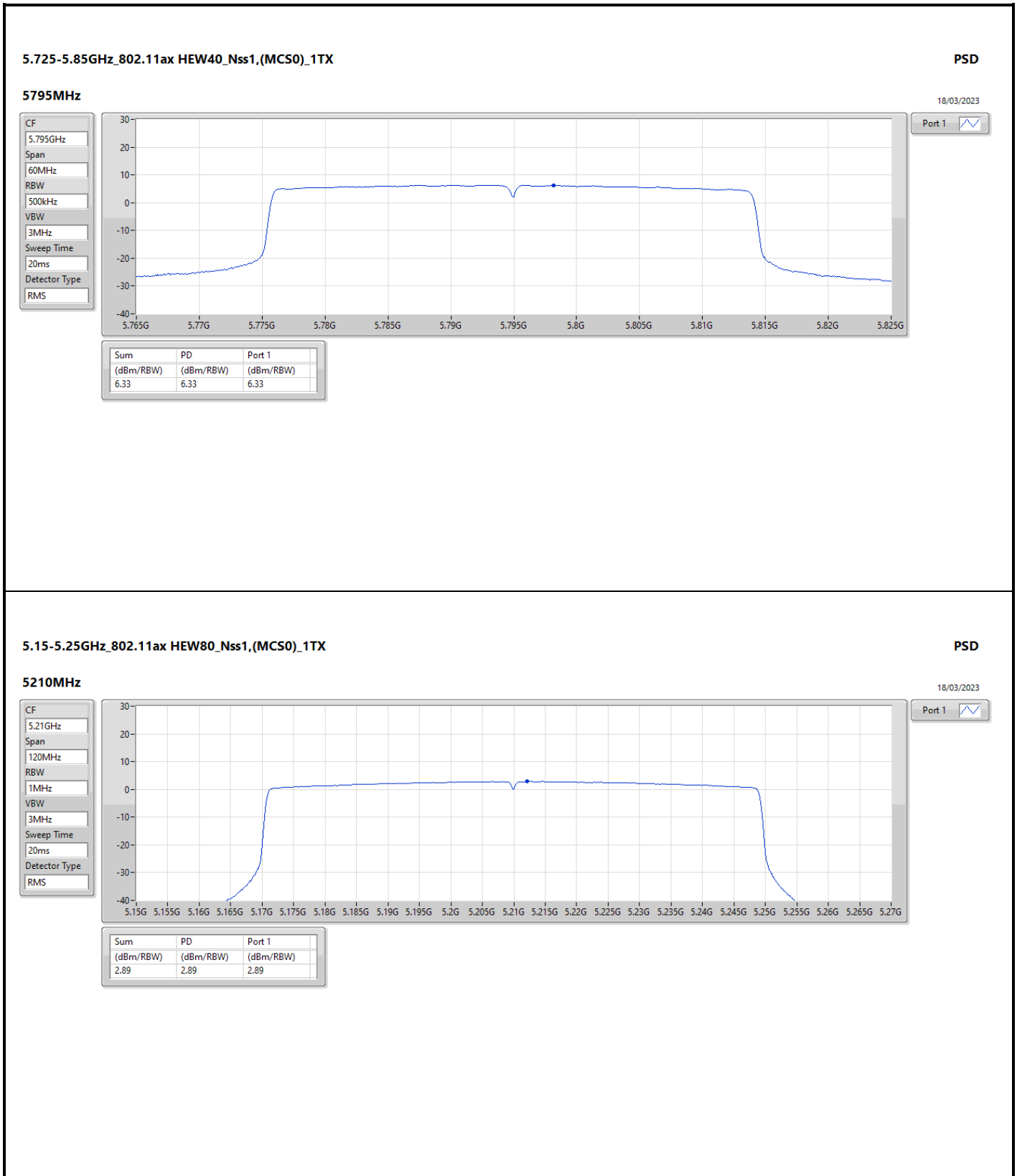


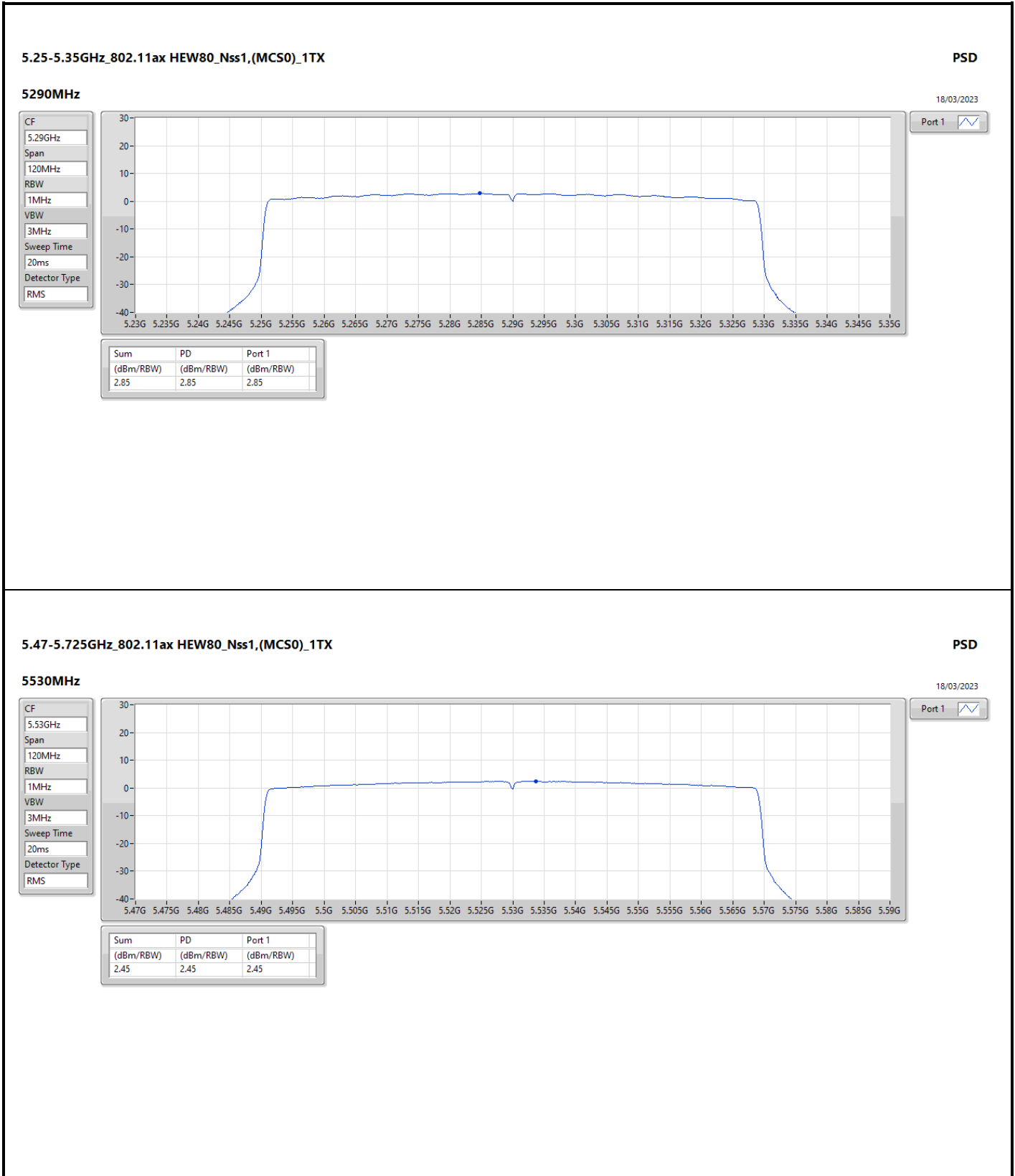


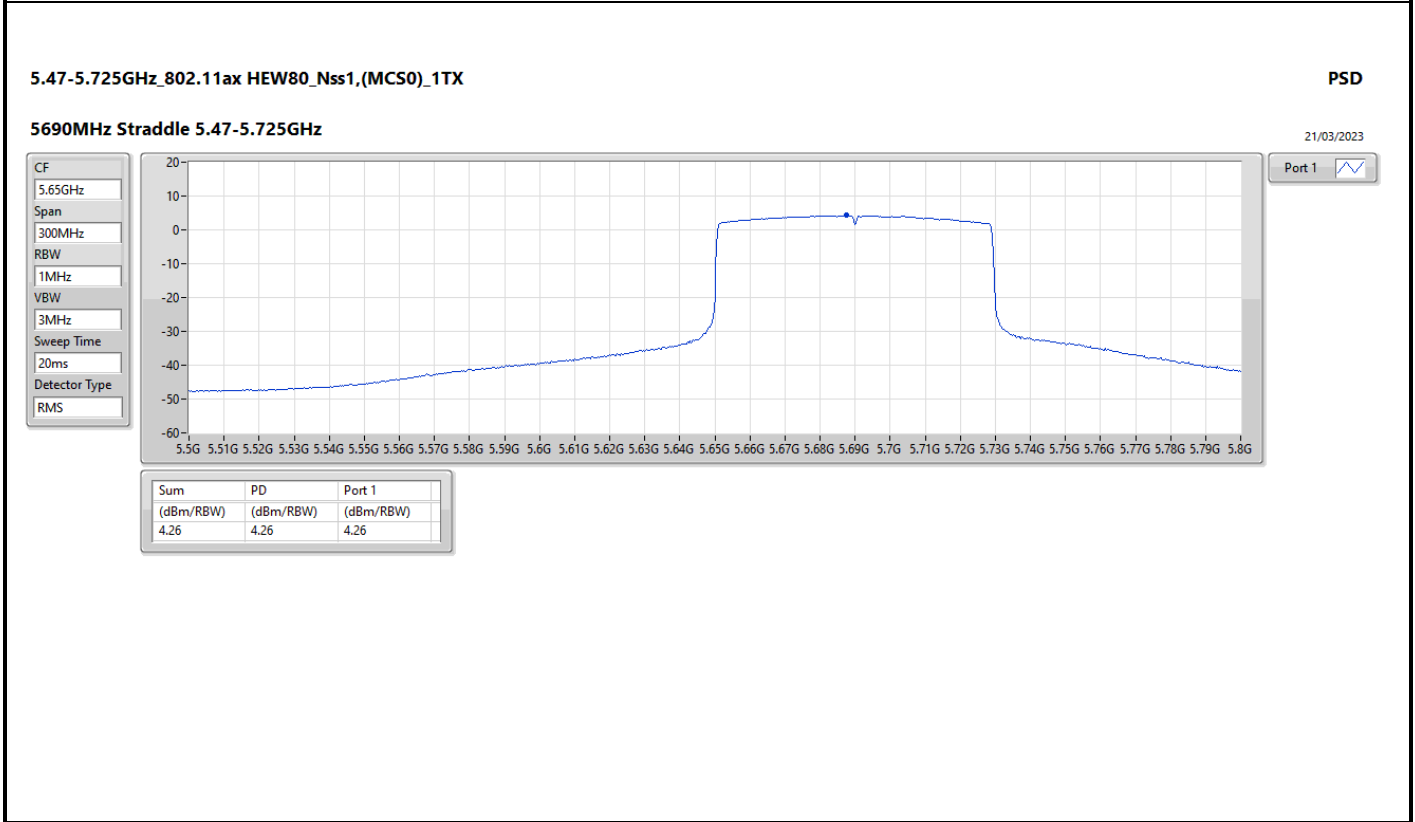
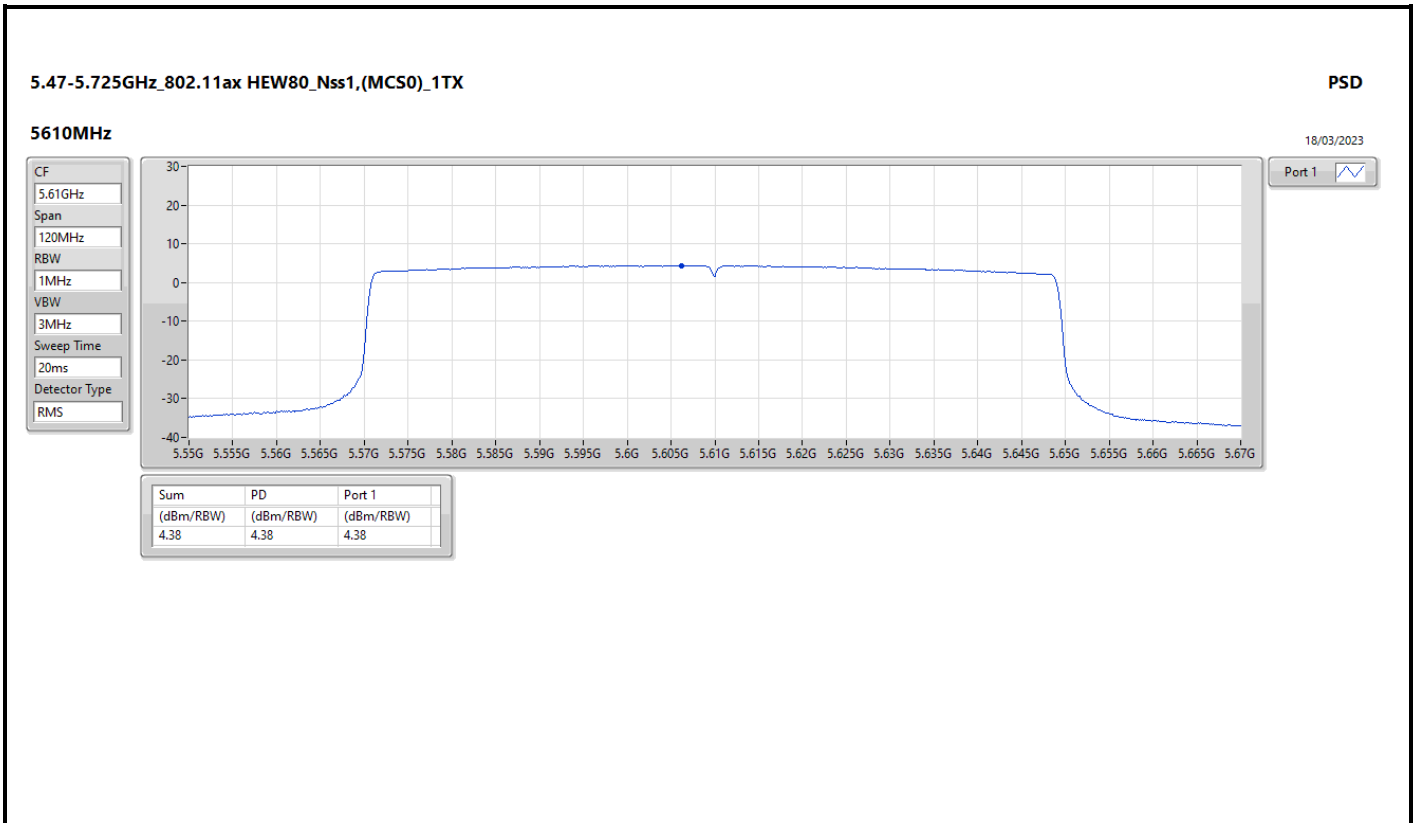


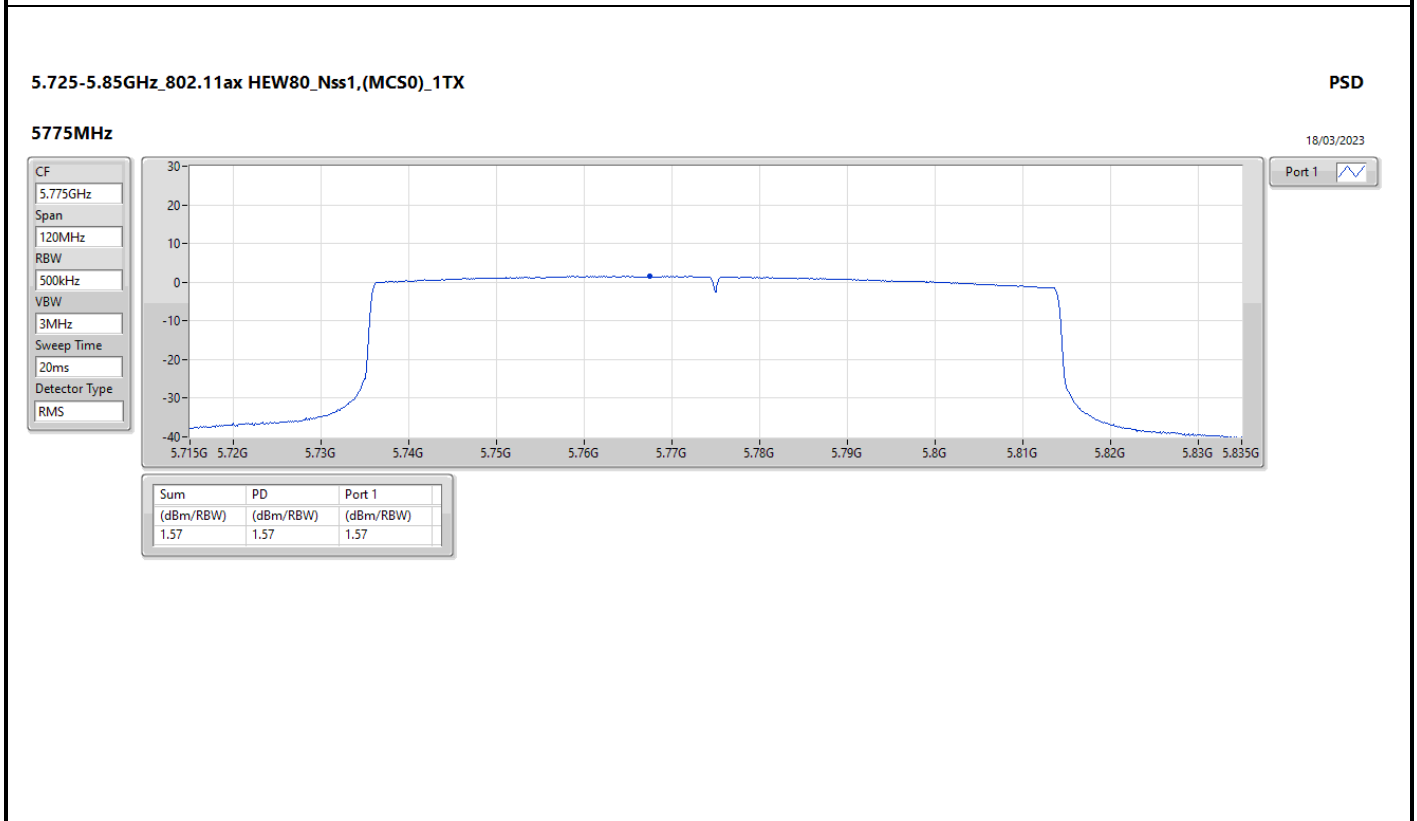
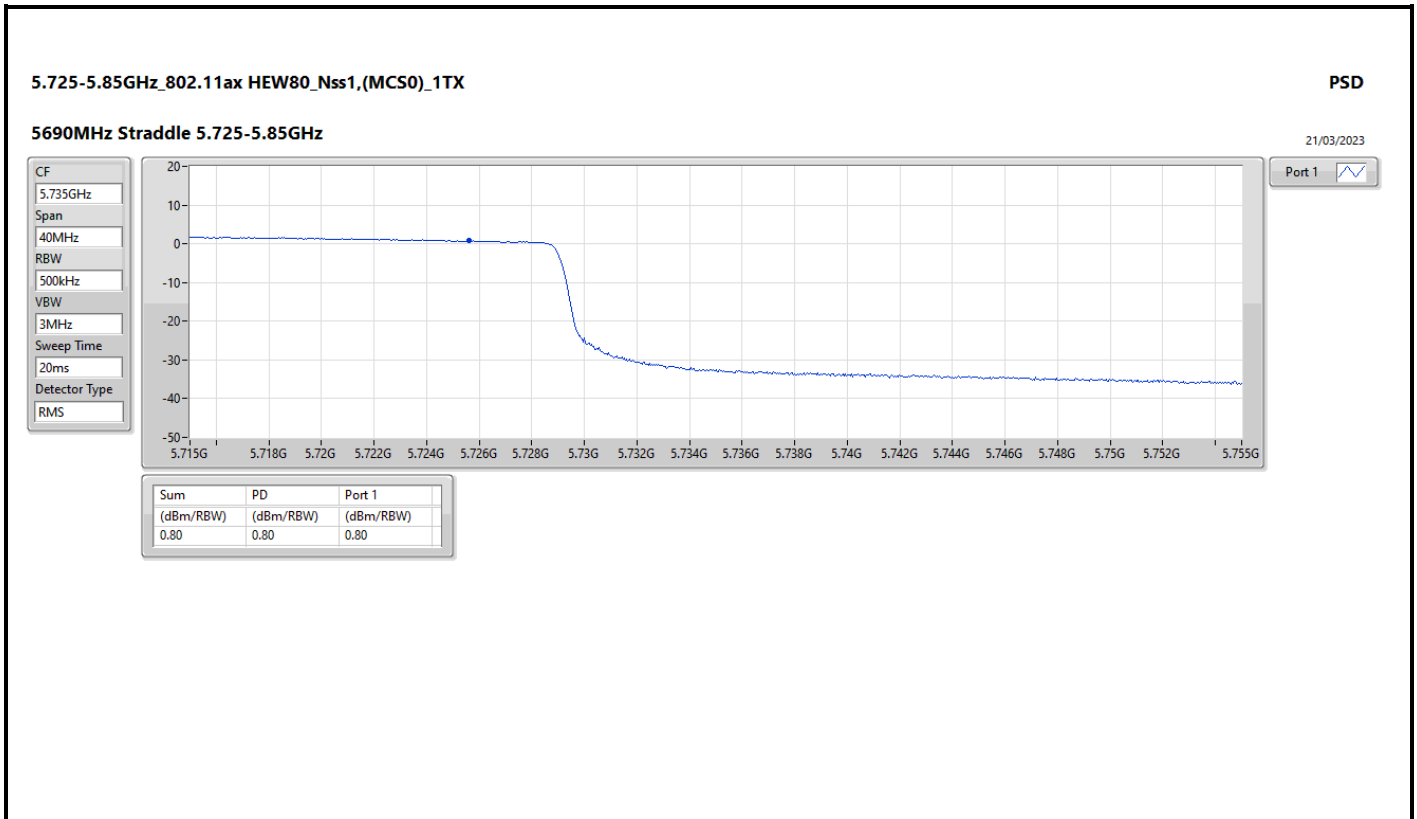


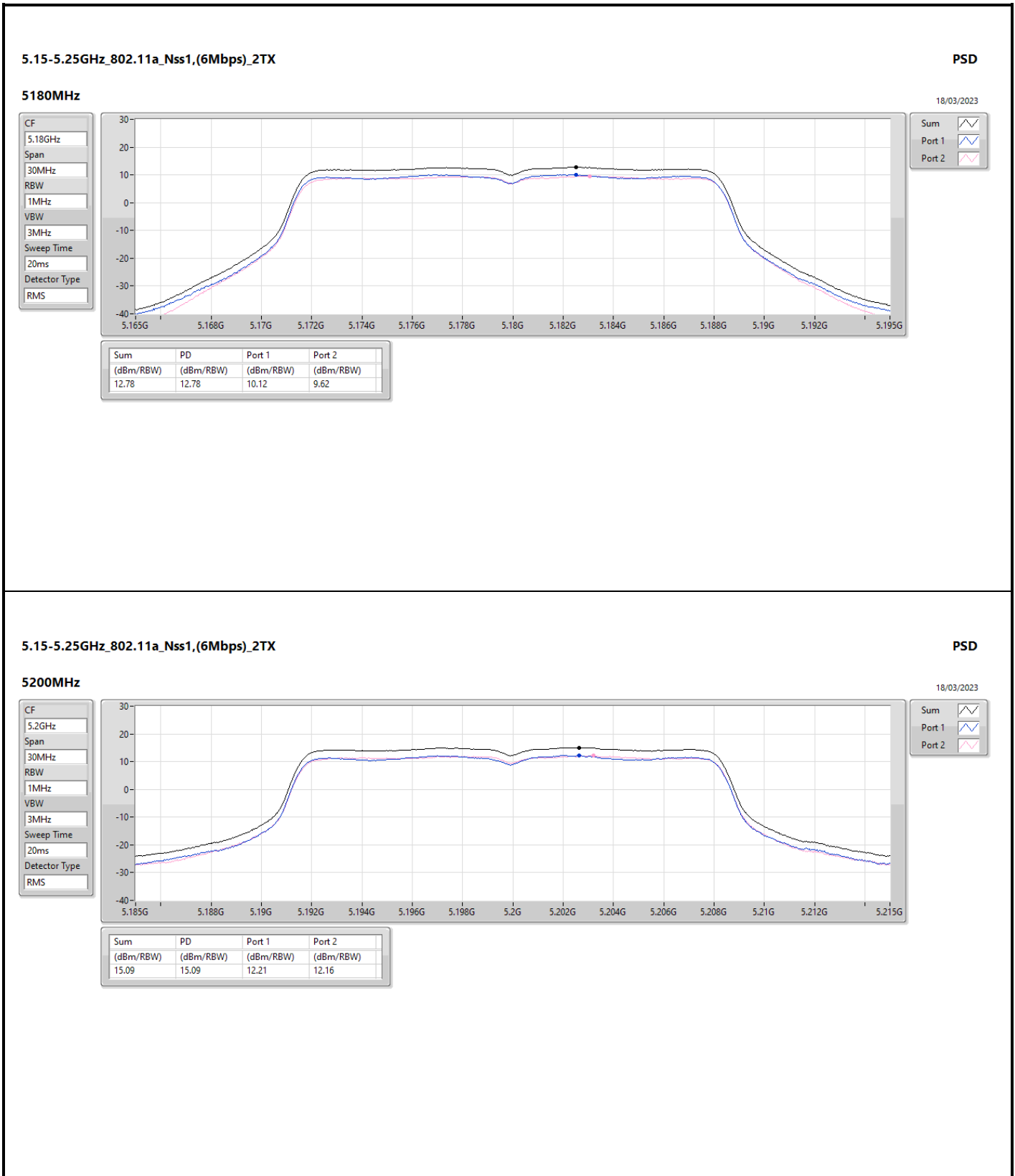


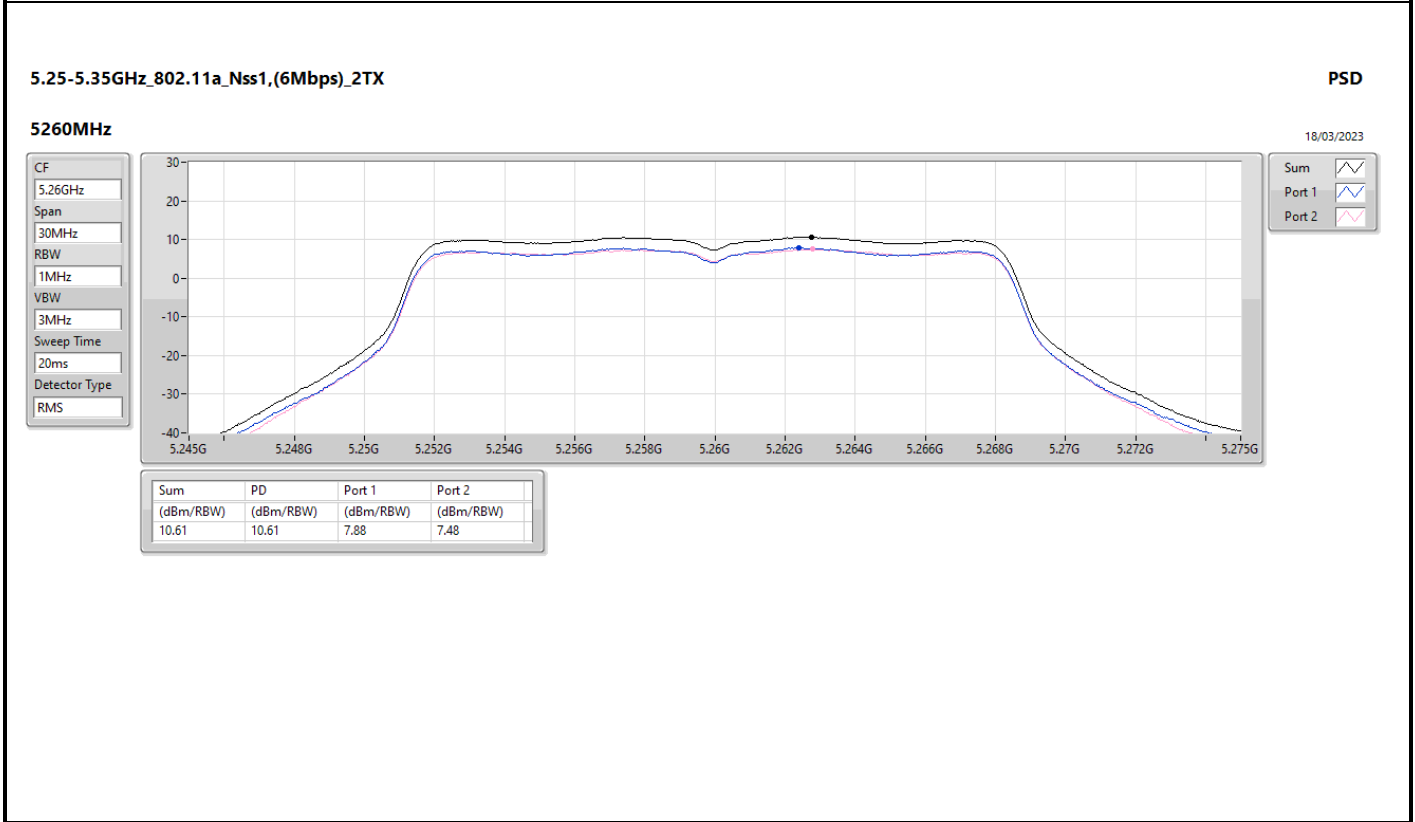
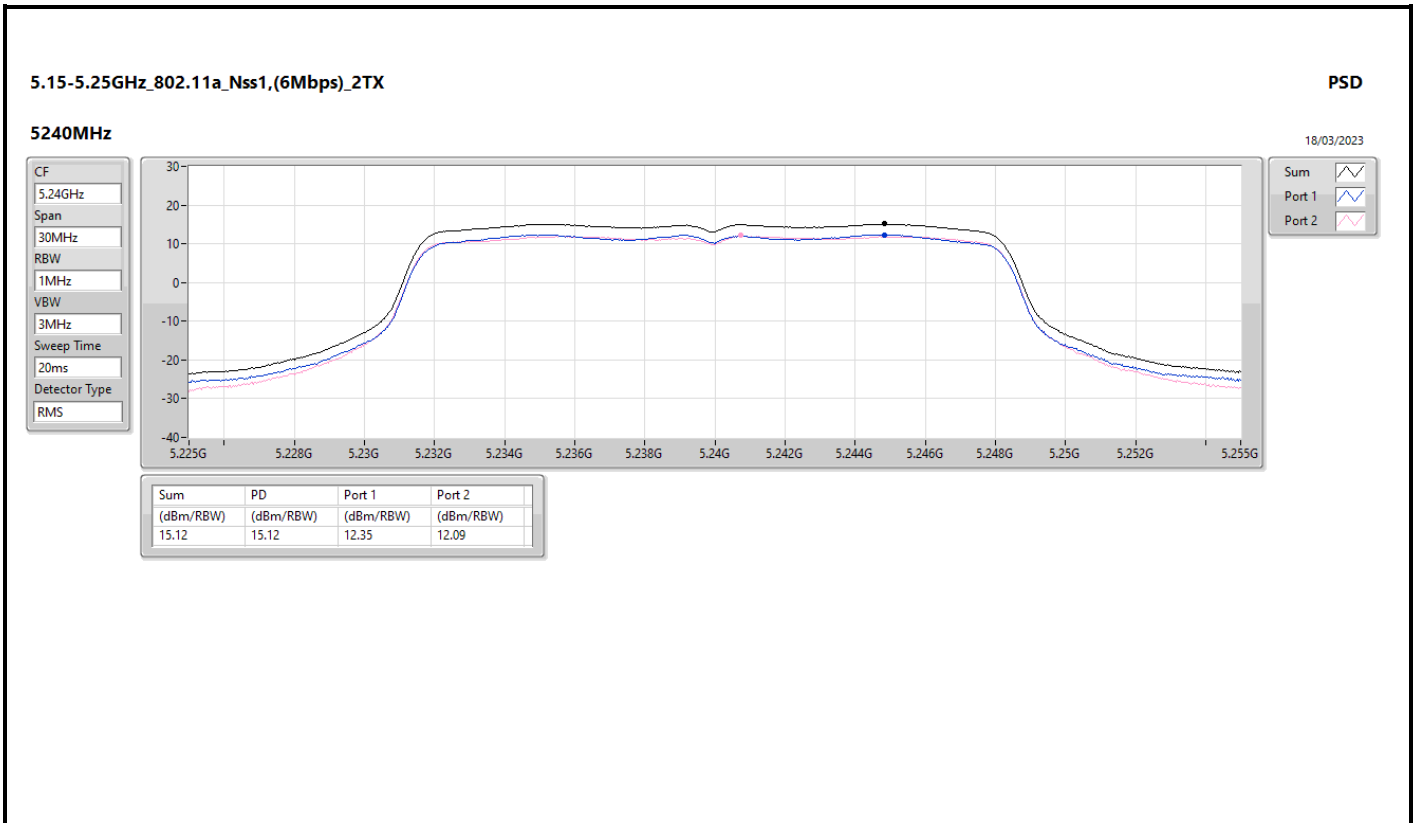


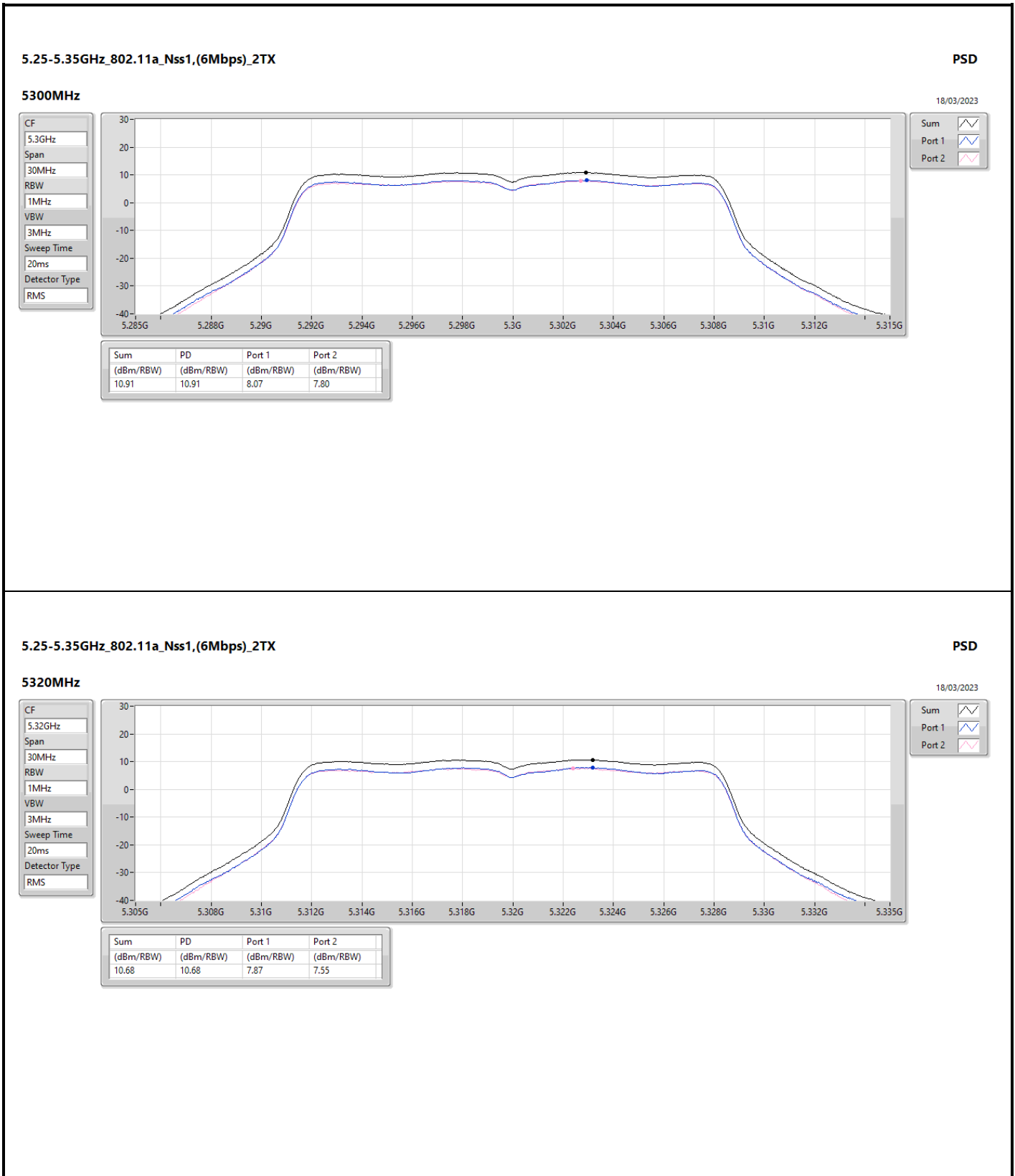


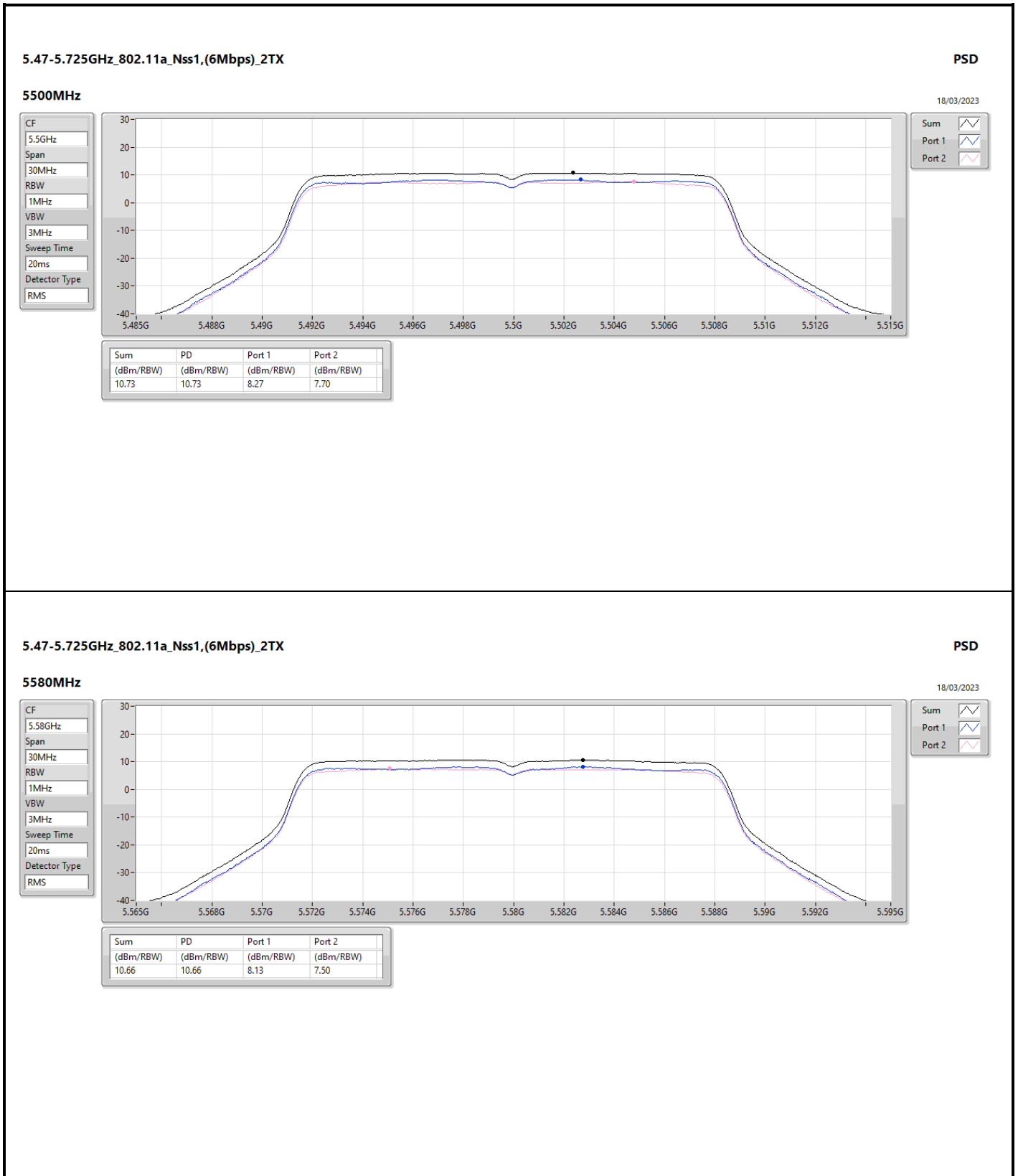


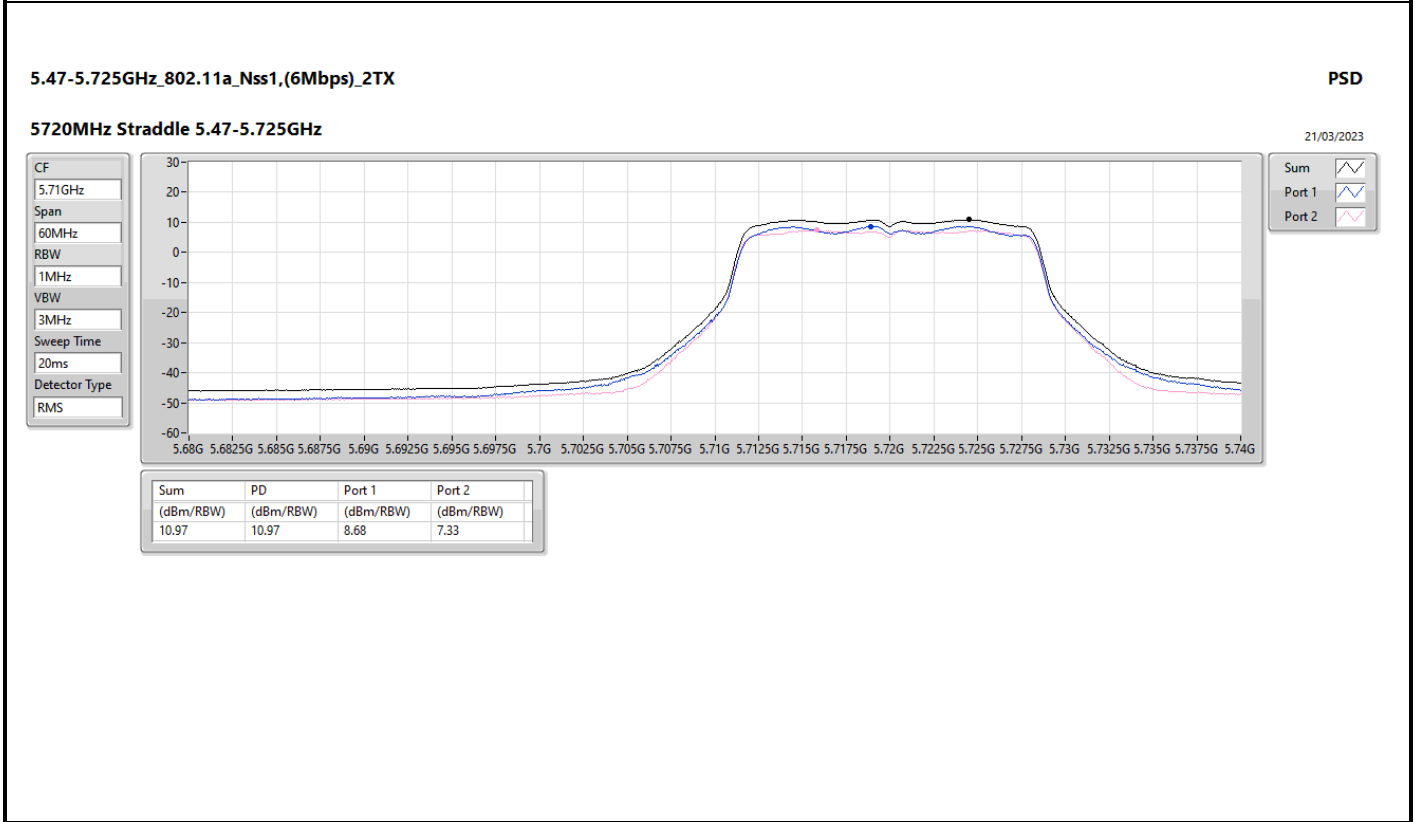
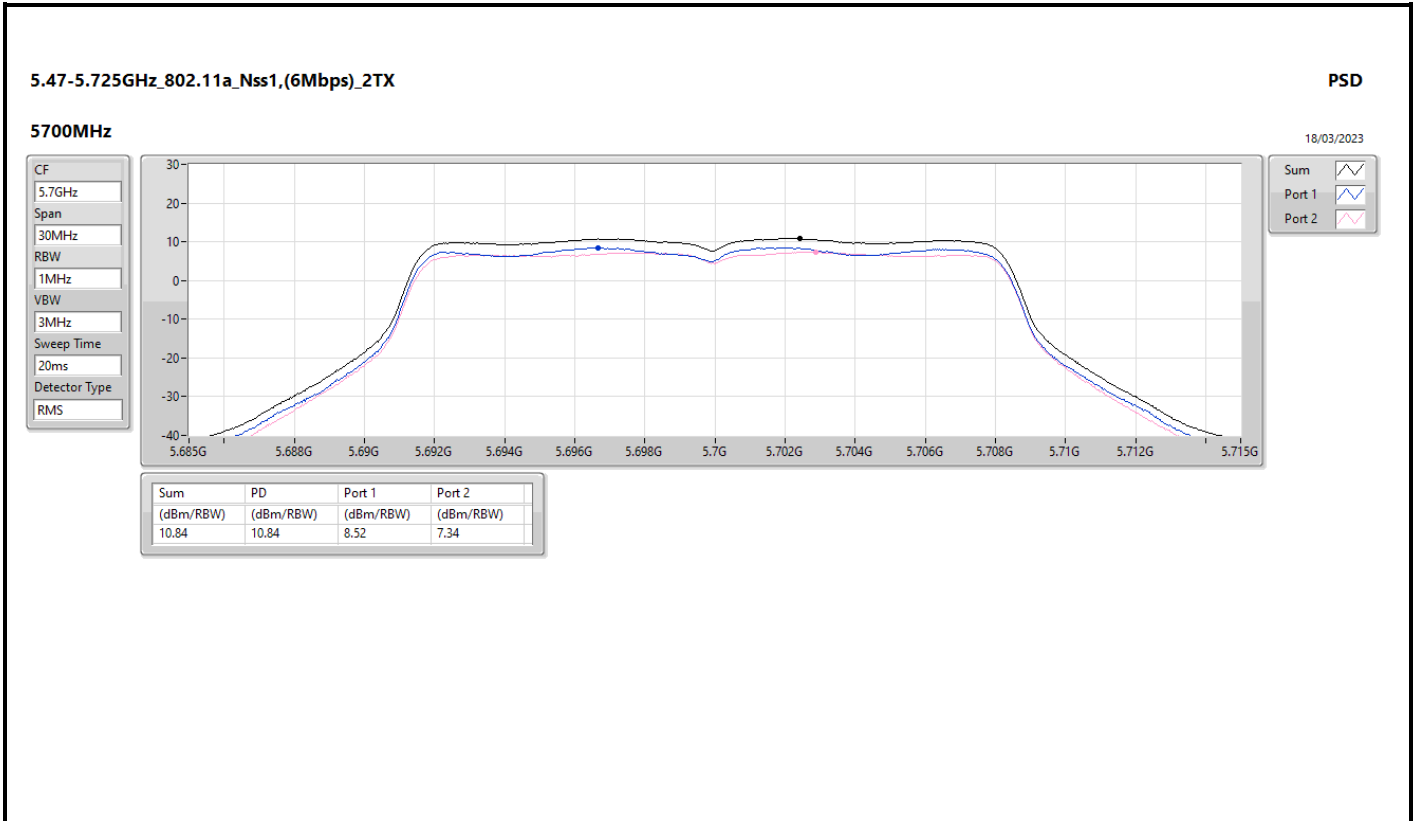


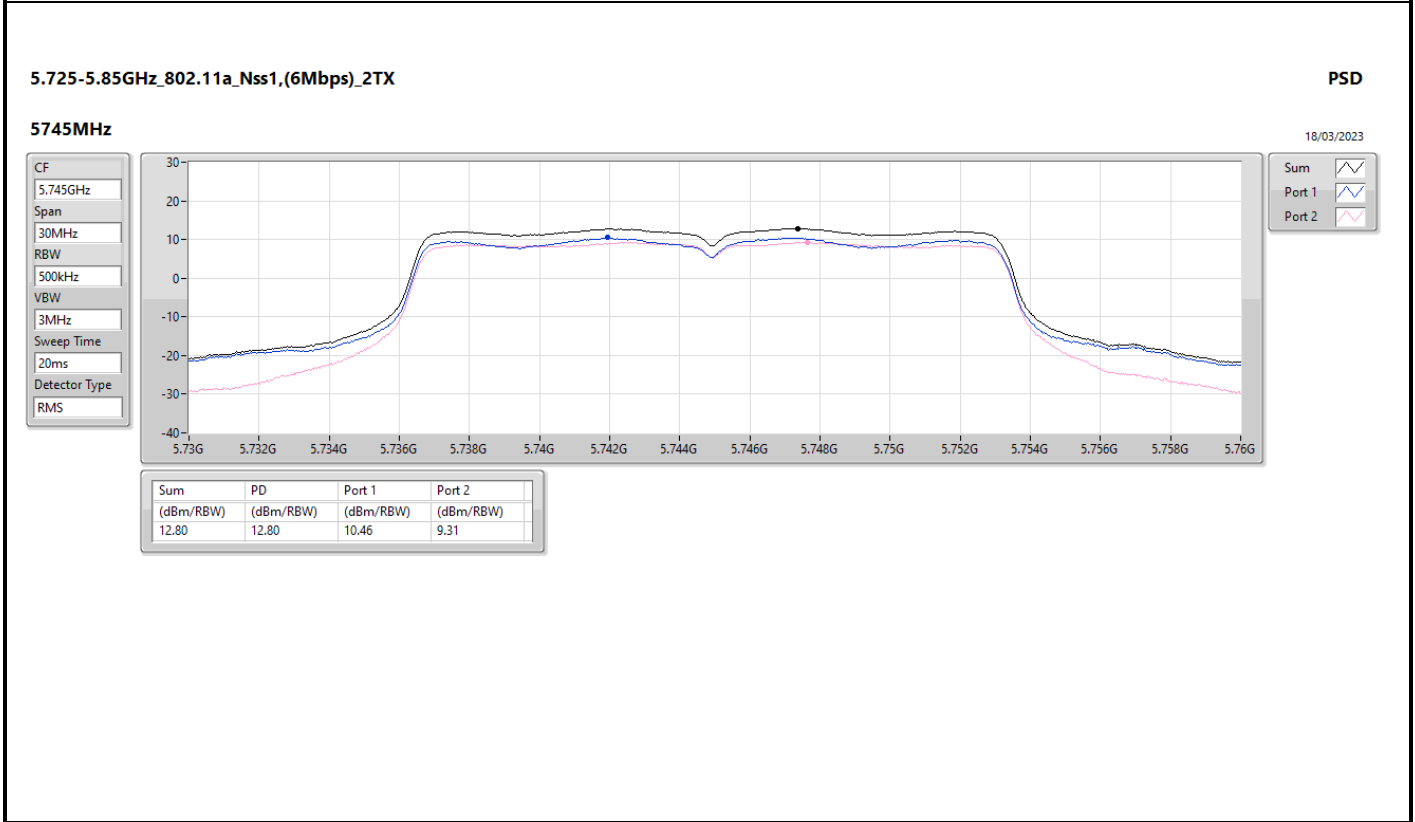
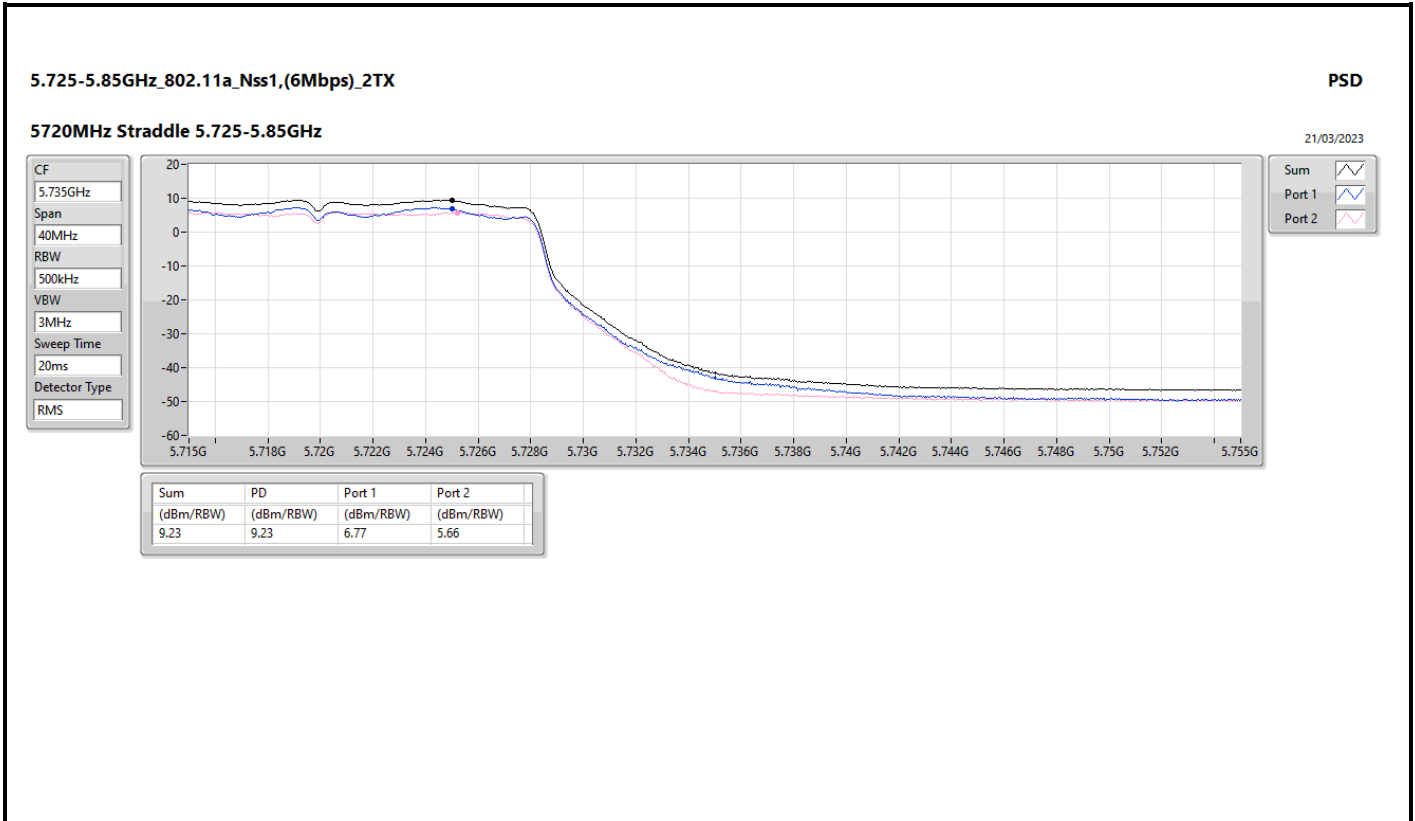


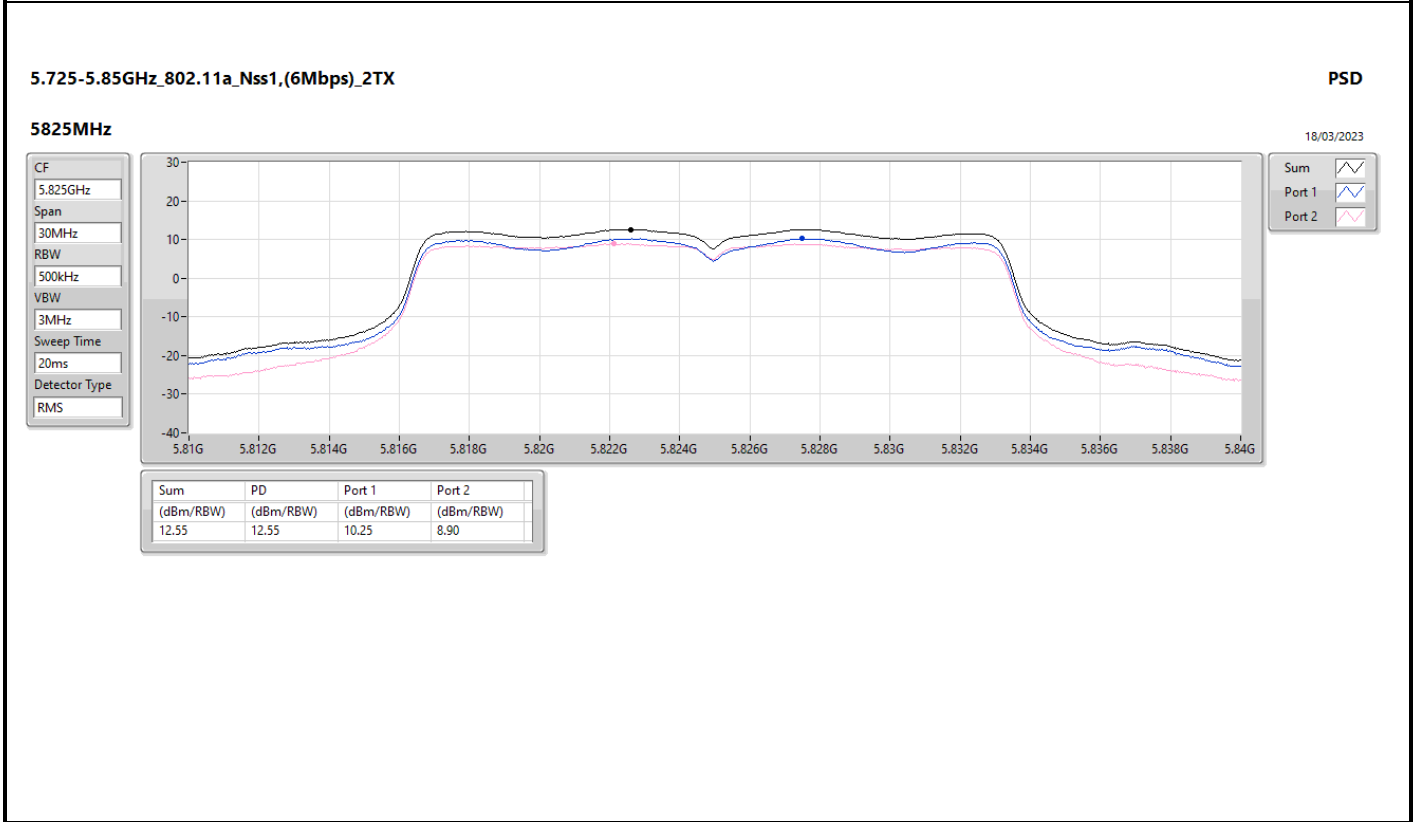
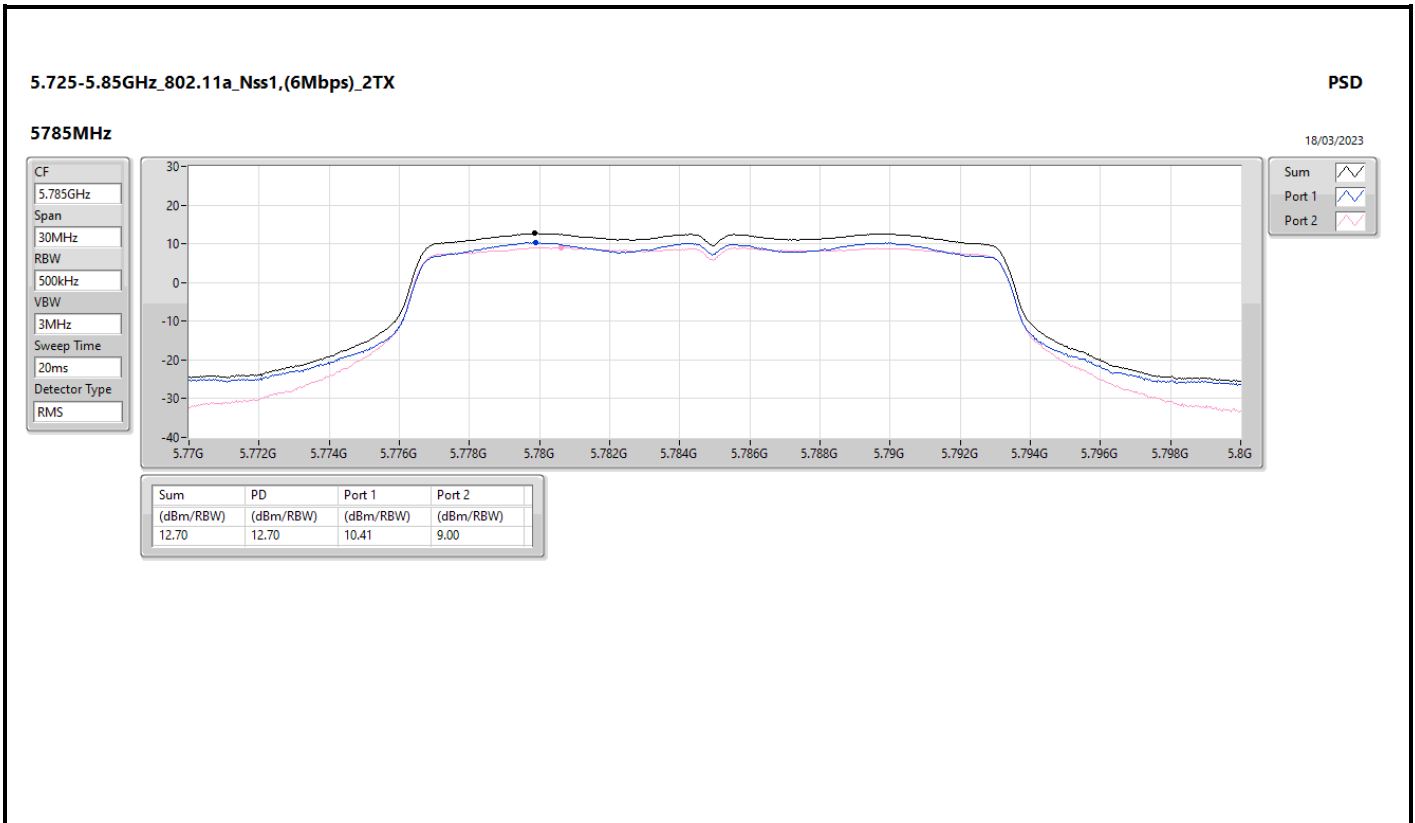


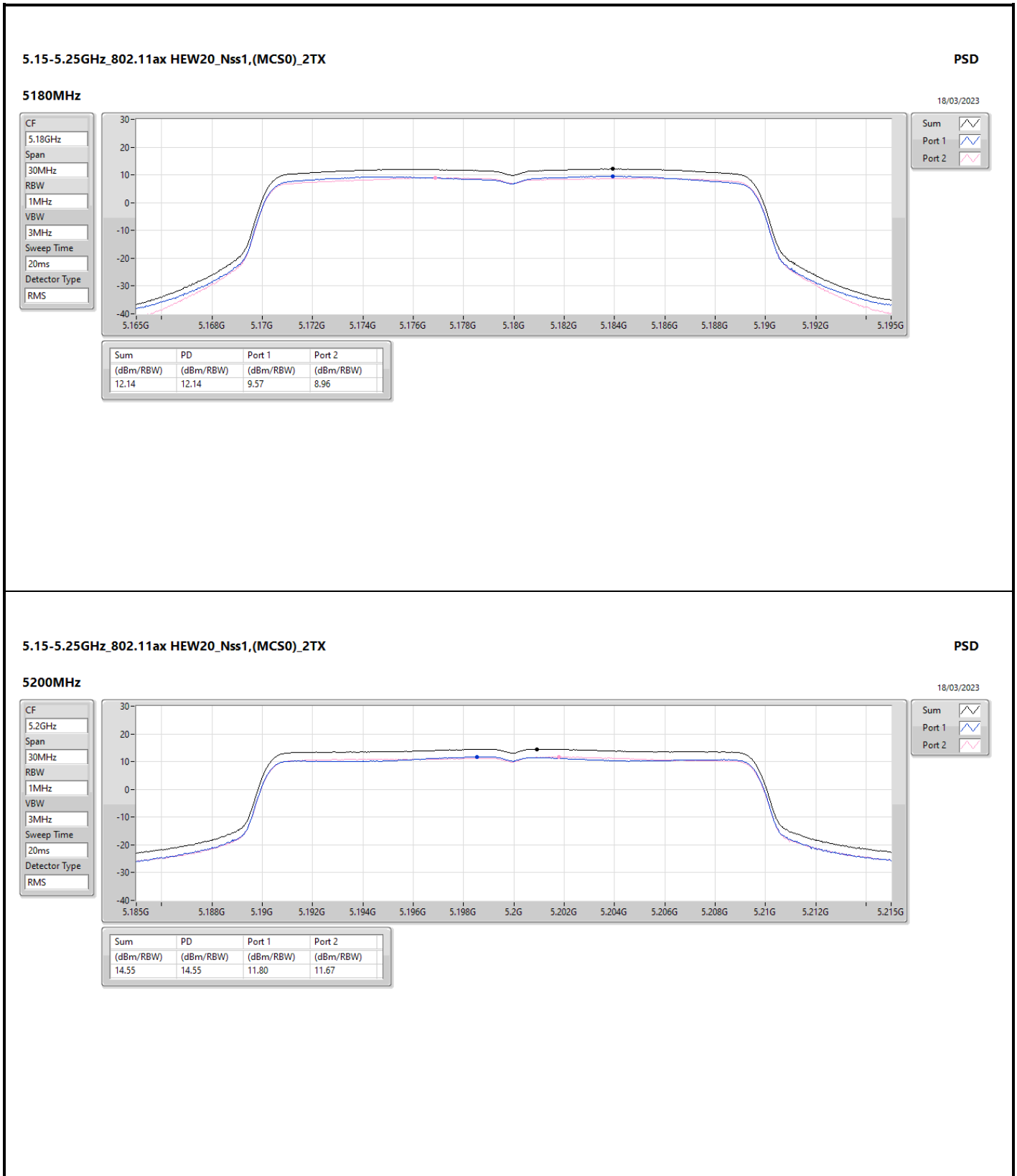


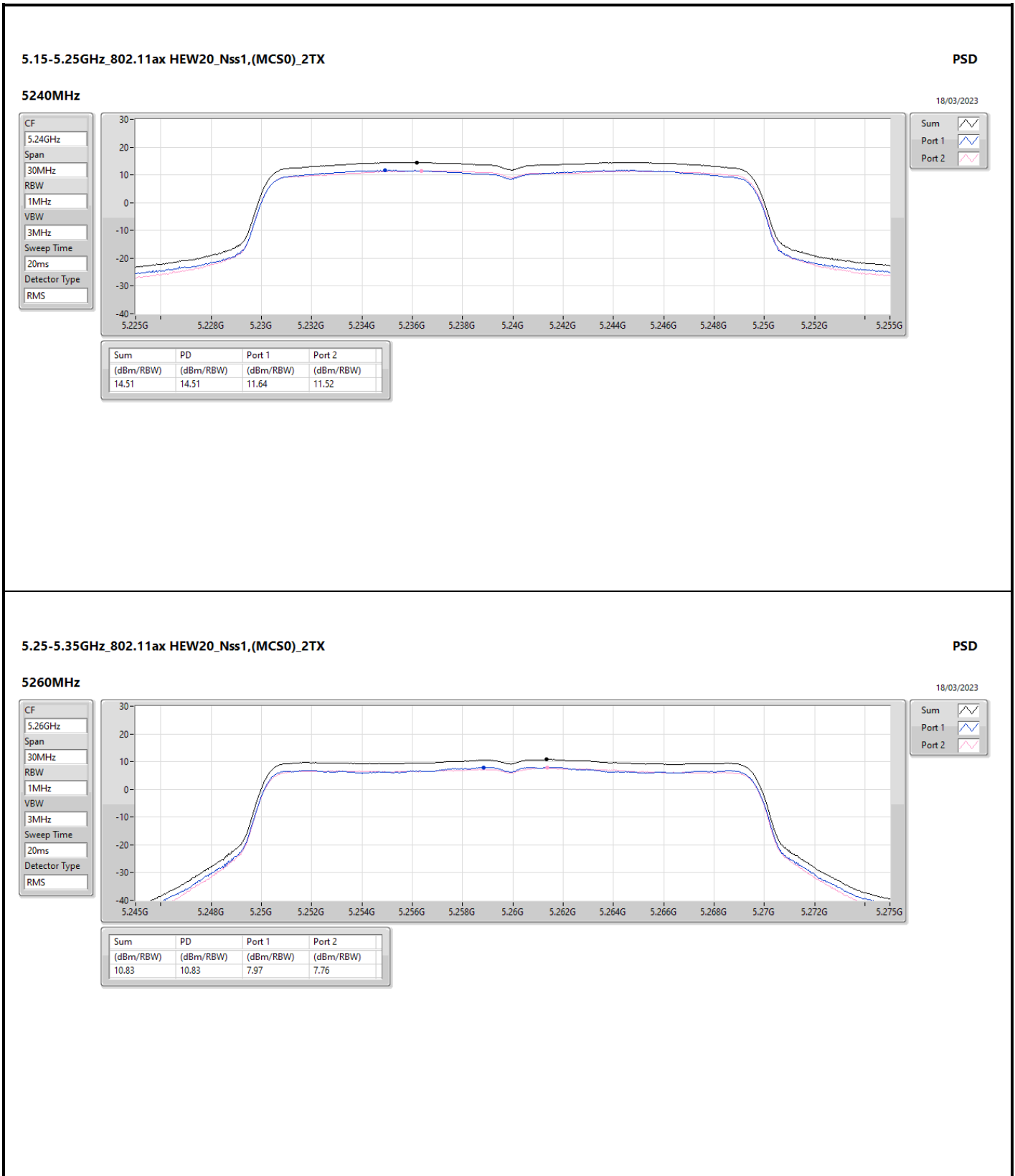


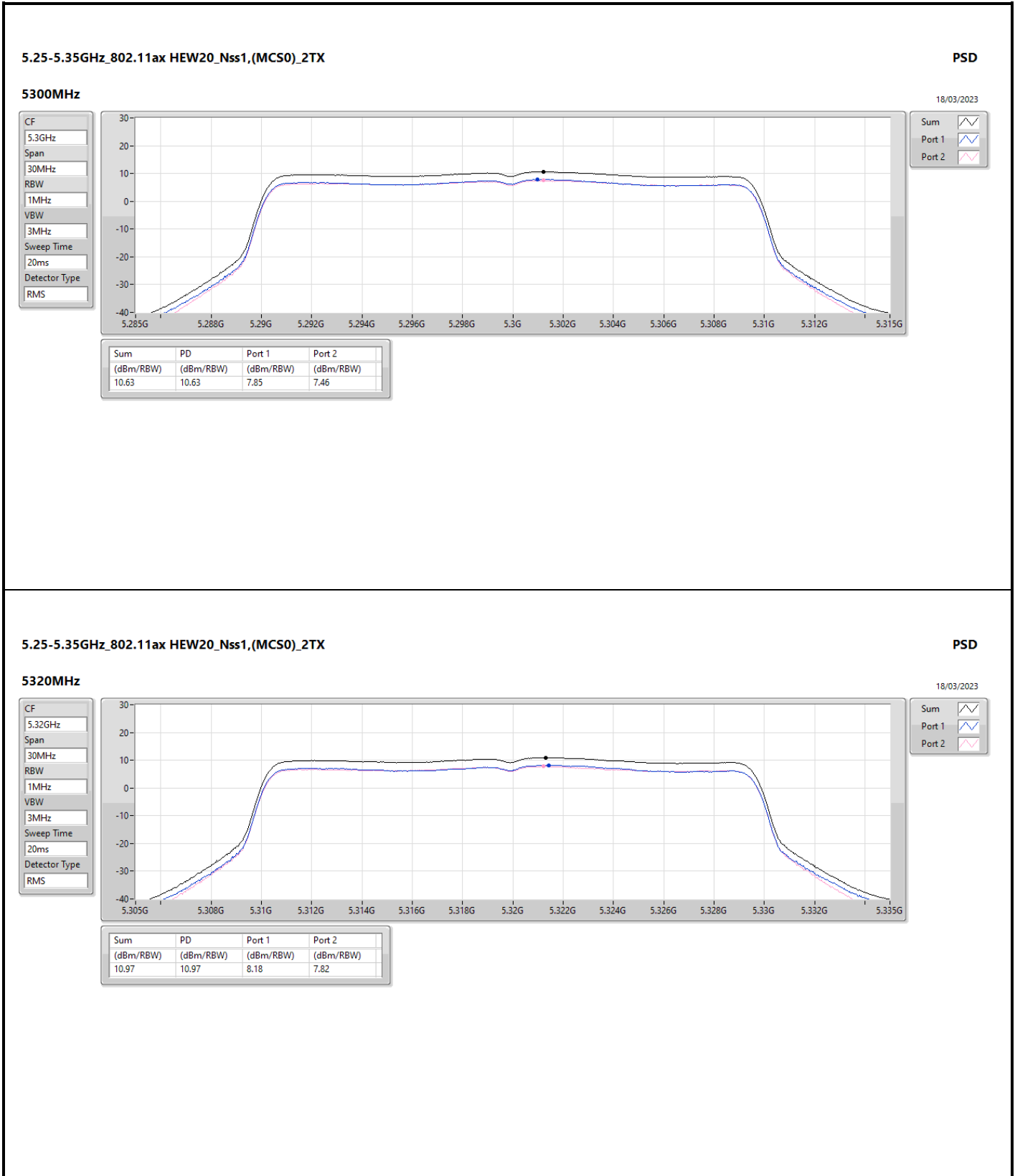


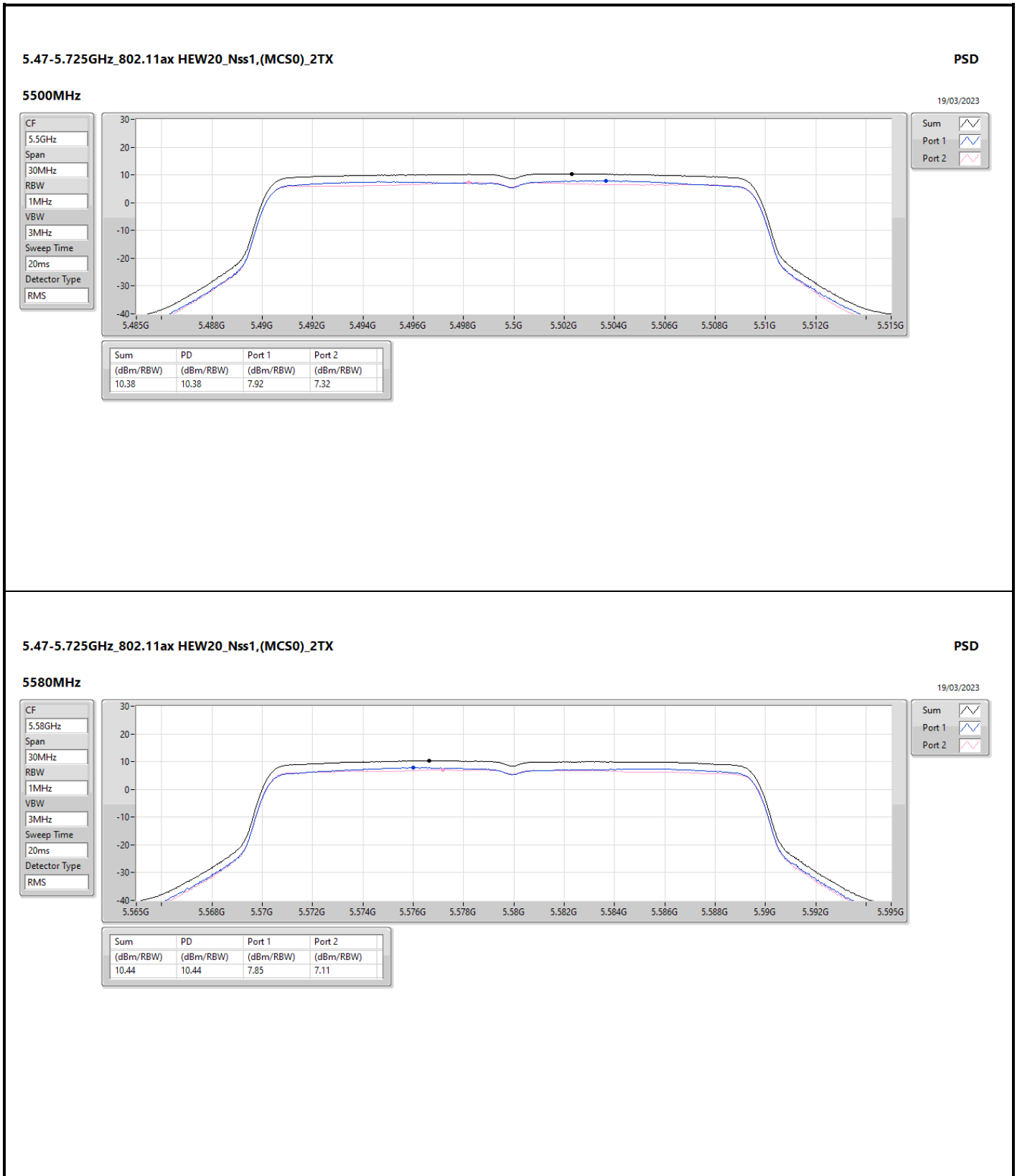


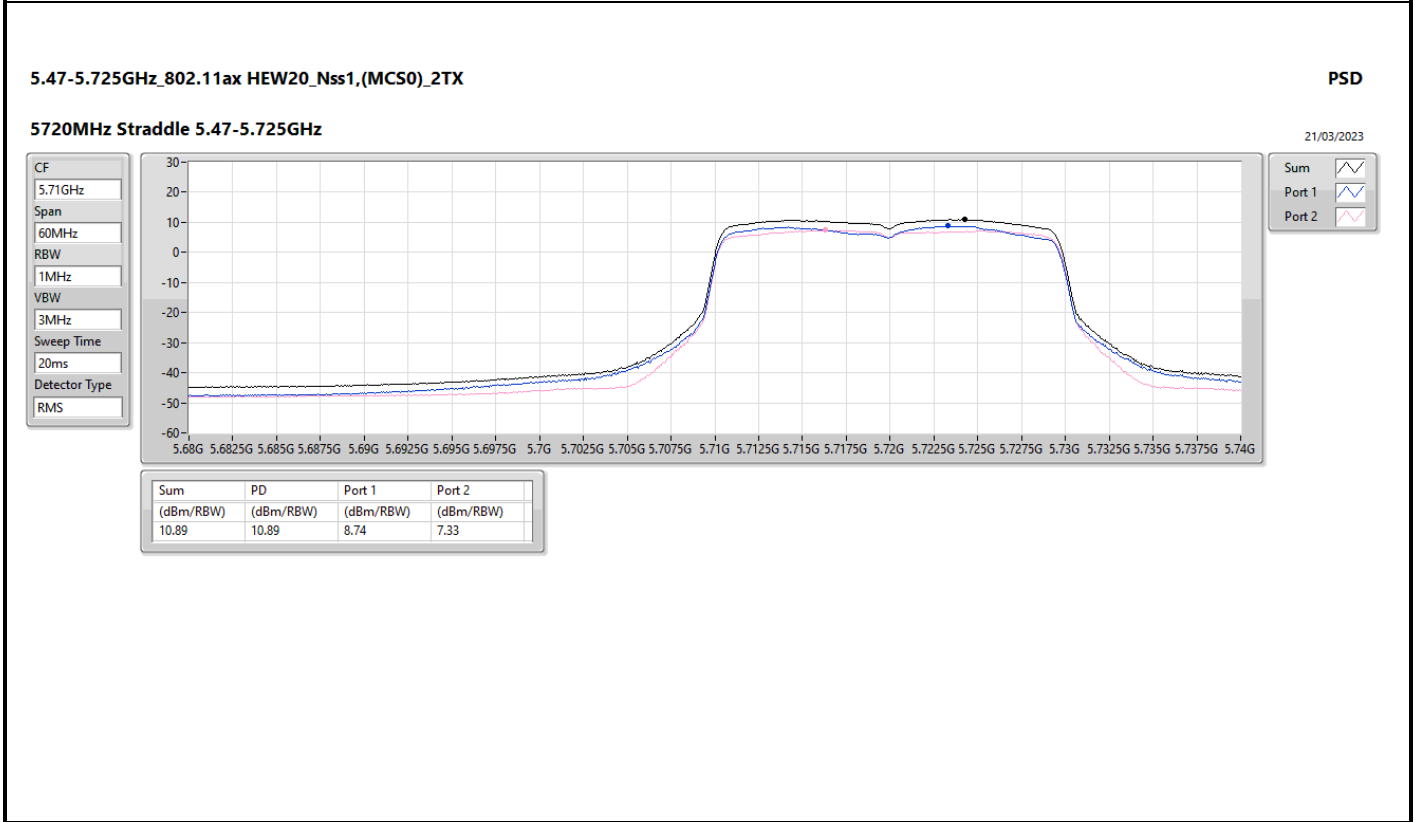
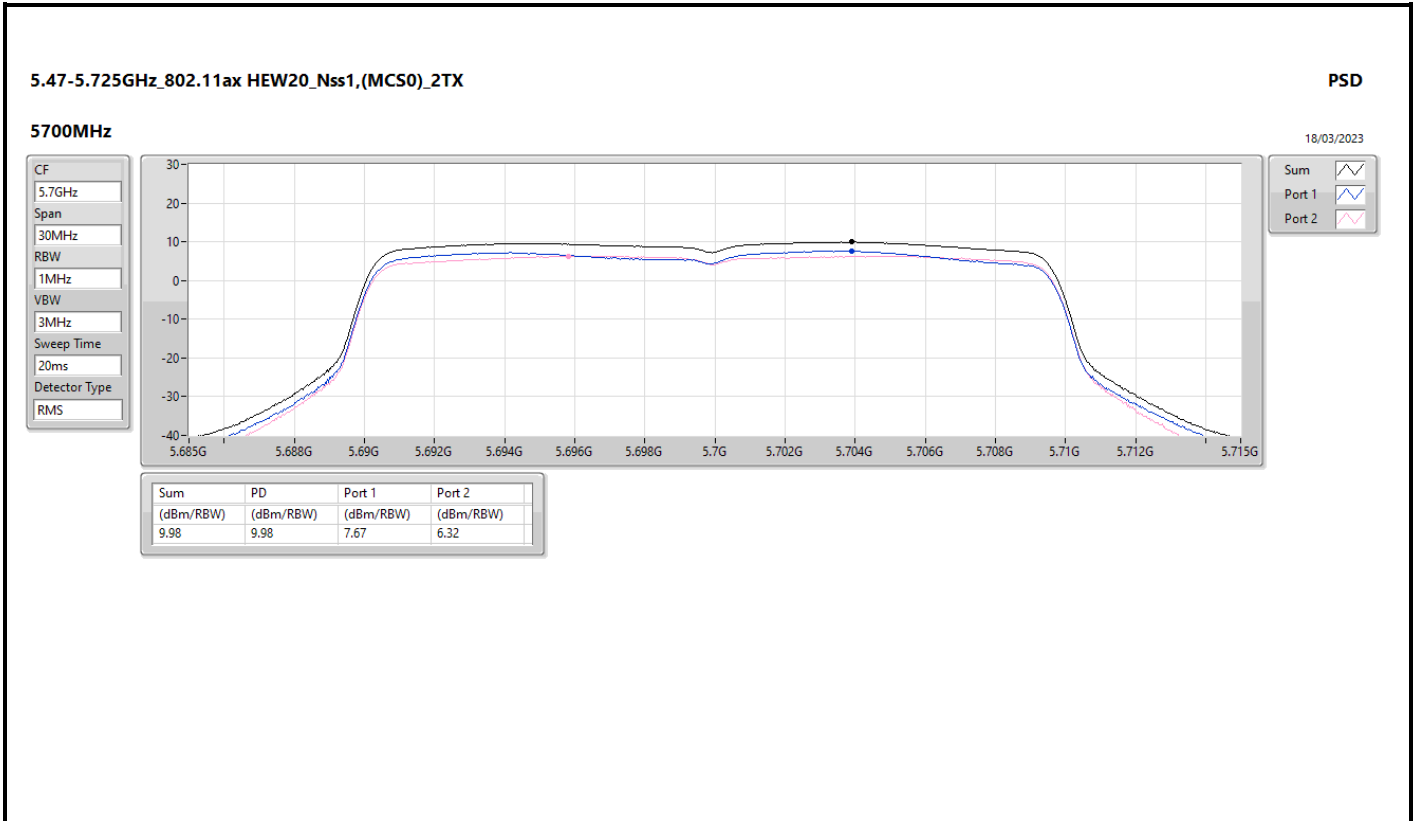


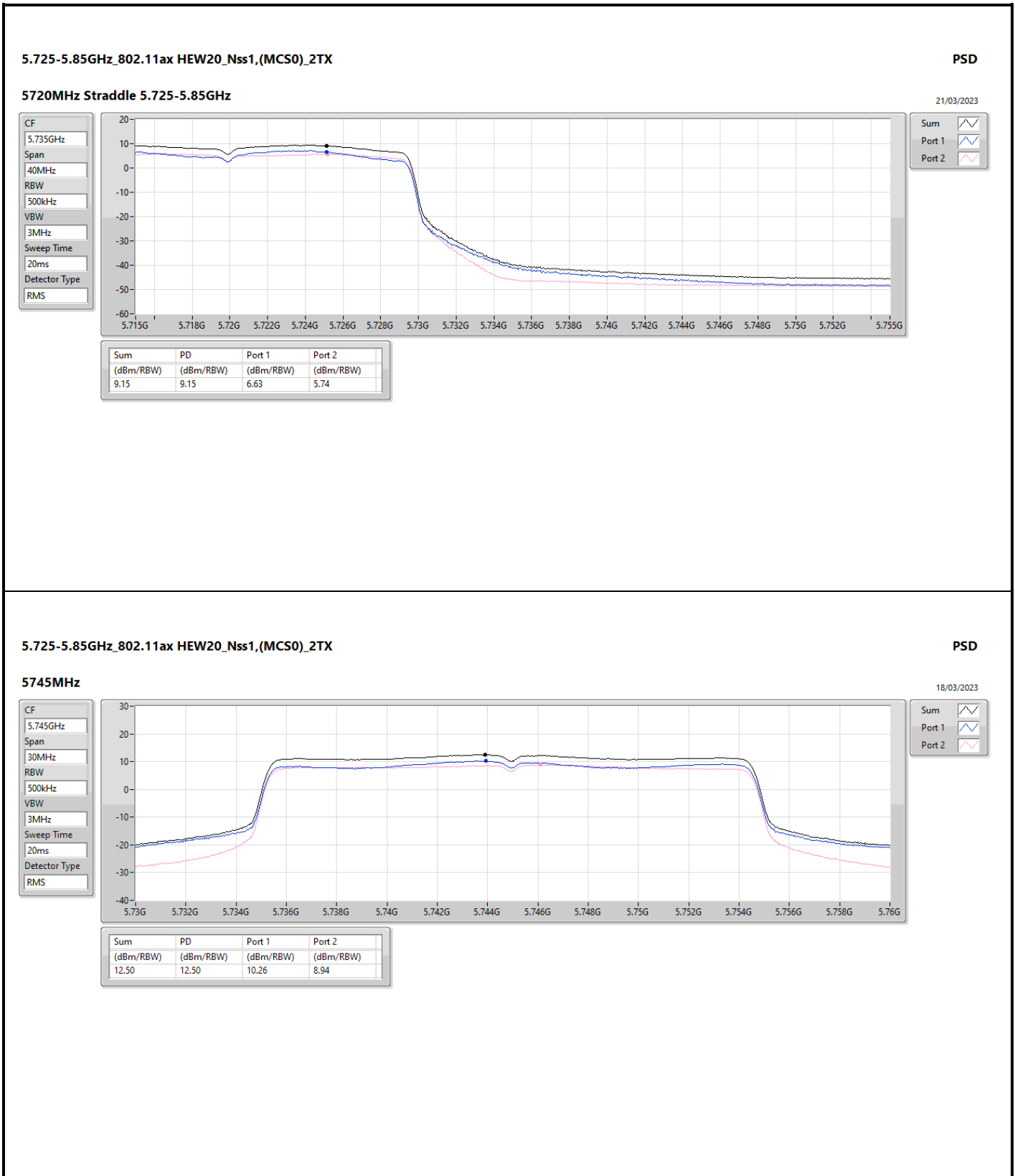


















PSD_Radio 1 (UNII 1 Indoor Use and UNII 2A~3 Indoor/Outdoor Use) Appendix D.1

