Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	QXO-AP4000NB
Equipment	:	Access Point
Brand Name	:	Extreme Networks
Model Name	:	AP4000
Applicant	:	Extreme Networks, Inc. 2121 RDU Center Drive Morrisville North Carolina United States 27560
Manufacturer	:	Extreme Networks, Inc. 2121 RDU Center Drive Morrisville North Carolina United States 27560
Standard	:	47 CFR FCC Part 15.407

The product was received on May 13, 2021, and testing was started from May 21, 2021 and completed on Aug. 09, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR151220-19AB	01	Initial issue of report	Aug. 29, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
Note: Reference to Sporton Project No.: 151220, 151220-02.				

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

For Radio 2

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1, 2
5.15-5.25GHz	802.11n HT20	20	1, 2
5.15-5.25GHz	802.11n HT20-BF	20	2
5.15-5.25GHz	802.11ac VHT20	20	1, 2
5.15-5.25GHz	802.11ac VHT20-BF	20	2
5.15-5.25GHz	802.11ax HEW20	20	1, 2
5.15-5.25GHz	802.11ax HEW20-BF	20	2
5.15-5.25GHz	802.11n HT40	40	1, 2
5.15-5.25GHz	802.11n HT40-BF	40	2
5.15-5.25GHz	802.11ac VHT40	40	1, 2
5.15-5.25GHz	802.11ac VHT40-BF	40	2
5.15-5.25GHz	802.11ax HEW40	40	1, 2
5.15-5.25GHz	802.11ax HEW40-BF	40	2
5.15-5.25GHz	802.11ac VHT80	80	1, 2
5.15-5.25GHz	802.11ac VHT80-BF	80	2
5.15-5.25GHz	802.11ax HEW80	80	1, 2

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80-BF	80	2
5.25-5.35GHz	802.11a	20	1, 2
5.25-5.35GHz	802.11n HT20	20	1, 2
5.25-5.35GHz	802.11n HT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20	20	1, 2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ax HEW20	20	1, 2
5.25-5.35GHz	802.11ax HEW20-BF	20	2
5.25-5.35GHz	802.11n HT40	40	1, 2
5.25-5.35GHz	802.11n HT40-BF	40	2
5.25-5.35GHz	802.11ac VHT40	40	1, 2
5.25-5.35GHz	802.11ac VHT40-BF	40	2
5.25-5.35GHz	802.11ax HEW40	40	1, 2
5.25-5.35GHz	802.11ax HEW40-BF	40	2
5.25-5.35GHz	802.11ac VHT80	80	1, 2
5.25-5.35GHz	802.11ac VHT80-BF	80	2
5.25-5.35GHz	802.11ax HEW80	80	1, 2
5.25-5.35GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11a	20	1, 2
5.47-5.725GHz	802.11n HT20	20	1, 2
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	1, 2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	1, 2
5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	1, 2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	1, 2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	1, 2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT80	80	1, 2
5.47-5.725GHz	802.11ac VHT80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	1, 2
5.47-5.725GHz	802.11ax HEW80-BF	80	2
5.725-5.85GHz	802.11a	20	1, 2
5.725-5.85GHz	802.11n HT20	20	1, 2
5.725-5.85GHz	802.11n HT20-BF	20	2
5.725-5.85GHz	802.11ac VHT20	20	1, 2
5.725-5.85GHz	802.11ac VHT20-BF	20	2

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW20	20	1, 2
5.725-5.85GHz	802.11ax HEW20-BF	20	2
5.725-5.85GHz	802.11n HT40	40	1, 2
5.725-5.85GHz	802.11n HT40-BF	40	2
5.725-5.85GHz	802.11ac VHT40	40	1, 2
5.725-5.85GHz	802.11ac VHT40-BF	40	2
5.725-5.85GHz	802.11ax HEW40	40	1, 2
5.725-5.85GHz	802.11ax HEW40-BF	40	2
5.725-5.85GHz	802.11ac VHT80	80	1, 2
5.725-5.85GHz	802.11ac VHT80-BF	80	2
5.725-5.85GHz	802.11ax HEW80	80	1, 2
5.725-5.85GHz	802.11ax HEW80-BF	80	2

For Scaning radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2
5.15-5.25GHz	802.11n HT20	20	2
5.15-5.25GHz	802.11ac VHT20	20	2
5.15-5.25GHz	802.11ax HEW20	20	2
5.15-5.25GHz	802.11n HT40	40	2
5.15-5.25GHz	802.11ac VHT40	40	2
5.15-5.25GHz	802.11ax HEW40	40	2
5.15-5.25GHz	802.11ac VHT80	80	2
5.15-5.25GHz	802.11ax HEW80	80	2
5.15-5.25GHz	802.11ac VHT160	160	2
5.15-5.25GHz	802.11ax HEW160	160	2
5.25-5.35GHz	802.11a	20	2
5.25-5.35GHz	802.11n HT20	20	2
5.25-5.35GHz	802.11ac VHT20	20	2
5.25-5.35GHz	802.11ax HEW20	20	2
5.25-5.35GHz	802.11n HT40	40	2
5.25-5.35GHz	802.11ac VHT40	40	2
5.25-5.35GHz	802.11ax HEW40	40	2
5.25-5.35GHz	802.11ac VHT80	80	2
5.25-5.35GHz	802.11ax HEW80	80	2
5.25-5.35GHz	802.11ac VHT160	160	2
5.25-5.35GHz	802.11ax HEW160	160	2
5.47-5.725GHz	802.11a	20	2
5.47-5.725GHz	802.11n HT20	20	2
5.47-5.725GHz	802.11ac VHT20	20	2

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW20	20	2
5.47-5.725GHz	802.11n HT40	40	2
5.47-5.725GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ax HEW40	40	2
5.47-5.725GHz	802.11ac VHT80	80	2
5.47-5.725GHz	802.11ax HEW80	80	2
5.47-5.725GHz	802.11ac VHT160	160	2
5.47-5.725GHz	802.11ax HEW160	160	2
5.725-5.85GHz	802.11a	20	2
5.725-5.85GHz	802.11n HT20	20	2
5.725-5.85GHz	802.11ac VHT20	20	2
5.725-5.85GHz	802.11ax HEW20	20	2
5.725-5.85GHz	802.11n HT40	40	2
5.725-5.85GHz	802.11ac VHT40	40	2
5.725-5.85GHz	802.11ax HEW40	40	2
5.725-5.85GHz	802.11ac VHT80	80	2
5.725-5.85GHz	802.11ax HEW80	80	2

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Radio	Model Name	Antenna Type	Connector	Gain (dBi)
1	1, 2	N/A	PIFA	I-PEX	Note 1
2	1, 2	N/A	PIFA	I-PEX	
3	3	N/A	PIFA	I-PEX	
4	3	N/A	PIFA	I-PEX	
5	3	N/A	PIFA	I-PEX	
6	3	N/A	PIFA	I-PEX	

Ant.	WLAN 2.4GHz Port	WLAN 5GHz UNII 1~3 Port	Scaning radio (WLAN 2.4GHz) Port	Scaning radio (5GHz UNII 1~3) Port	Scaning radio (6E UNII 5~8) Port
1	2	2	-	-	-
2	1	1	-	-	-
3	-	-	2	2	-
4	-	-	1	1	-
5	-	-	-	-	1
6	-	-	-	-	2

Note 1: **<Antenna Gain>**

Ant.	Gain (dBi)													
	2.4GHz	Scaning radio (2.4GHz)	WLAN 5GHz UNII 1~3				Scaning radio (5GHz UNII 1~3)				Scaning radio (6E UNII 5~8)			
			UNII1	UNII2A	UNII2C	UNI3	UNII1	UNII2A	UNII2C	UNI3	UNII1	UNII2A	UNII2C	UNI3
1	2.62	-	2.31	2.37	2.15	1.81	-	-	-	-	-	-	-	-
2	2.61	-	1.71	1.64	1.27	1.75	-	-	-	-	-	-	-	-
3	-	5.20	-	-	-	-	5.91	5.91	5.39	5.80	-	-	-	-
4	-	5.32	-	-	-	-	5.11	5.11	5.11	5.62	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	4.34	4.56	4.56	4.50
6	-	-	-	-	-	-	-	-	-	-	4.88	5.25	5.25	5.05

<Radio 1, 2 Directional Gain>

Ant.	Radio	Item	Directional Gain(dBi)				
			WLAN 2.4GHz	WLAN 5GHz			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1, 2	2T1S	4.72	4.87	4.3	3.39	3.69
2	1, 2	2T2S	2.62	2.31	2.37	2.15	1.81

<Radio 3 Directional Gain>

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$;

gj,k =$(Nss1(g1,1) + Nss1(g1,2))^2$

DG = 10 log[$(Nss1(g1,1) + Nss1(g1,2))^2$ / N_{ANT}] => 10 log[$(10^{G1/20} + 10^{G2/20})^2$ / N_{ANT}]

Where ;

G1 = 10 ; G2 = 10 ;

2.4G G1 = 5.20 dBi; G2 = 5.32 dBi ; DG = 8.27 dBi

5G Band1 G1 = 5.91dBi; G2 = 5.11 dBi; DG = 8.53 dBi

5G Band2 G1 = 5.91 dBi; G2 = 5.11 dBi; DG = 8.53 dBi

5G Band3 G1 = 5.39 dBi; G2 = 5.11 dBi; DG = 8.26 dBi

5G Band4 G1 = 5.80 dBi; G2 = 5.62 dBi; DG = 8.72 dBi

6G Band1 G1 = 4.34 dBi; G2 = 4.88 dBi; DG = 7.62 dBi

6G Band2 G1 = 4.56 dBi; G2 = 5.25 dBi; DG = 7.92 dBi

6G Band3 G1 = 4.56 dBi; G2 = 5.25 dBi; DG = 7.92 dBi

6G Band4 G1 = 4.50 dBi; G2 = 5.05 dBi; DG = 7.79 dBi

Note 2: The above information (except Radio 1, 2 gain) was declared by manufacturer.
Radio 1, 2: Maximum Directional Gain following KDB662911 D03.
Radio 3: Maximum Directional Gain following KDB662911 D01.

Note 3: The EUT has six antennas.

< Radio 1 >

For 2.4GHz:

For IEEE 802.11b/g/n/VHT/ax mode (1TX, 2TX/2RX):

For 1TX

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For 2TX/2RX

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

< Radio 2 >

For 5GHz UNII 1~3:

For IEEE 802.11a/n/ac/ax mode (1TX, 2TX/2RX):

For 1TX

The EUT supports the antenna with TX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected to test and record in the report.

For 2TX/2RX

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

< Scaning radio 3 >

For 2.4GHz:

For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

For 5GHz UNII 1~3:

For IEEE 802.11a/n/ac/ax mode (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 6E UNII 5~8 (1TX, 2TX/2RX):

For 1TX
The EUT supports the antenna with TX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
The Port 2 generated the worst case, so it was selected to test and record in the report.
For 2TX/2RX
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

<UNII 1, UNII 3>
For Radio 2
1T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	2.068m	1k
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.964	0.16	782.5u	3k
802.11ax HEW80	0.932	0.31	417.5u	3k

2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	2.068m	1k

2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.965	0.15	790u	3k
802.11ax HEW40	0.935	0.29	437.5u	3k
802.11ax HEW80	0.894	0.49	247.5u	10k

For Scaning radio 3
2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)

2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.964	0.16	782.5u	3k
802.11ax HEW40	0.934	0.3	425u	3k
802.11ax HEW80	0.894	0.49	242.5u	10k

<UNII 2A, UNII 2C>
For Radio 2
1T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	2.068m	1k
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.964	0.16	782.5u	3k
802.11ax HEW80	0.932	0.31	417.5u	3k

2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	2.068m	1k

2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.965	0.15	790u	3k
802.11ax HEW40	0.935	0.29	437.5u	3k
802.11ax HEW80	0.894	0.49	247.5u	10k

For Scanning radio 3
2T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)

2T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.964	0.16	782.5u	3k
802.11ax HEW40	0.934	0.3	425u	3k
802.11ax HEW80	0.894	0.49	242.5u	10k
802.11ax HEW160	0.84	0.76	157.5u	10k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz of radio 1, n/ac/ax in 5GHz UNII 1~UNII 3 of radio 2, and ax in 6GHz UNII 5~UNII 8 of radio 3.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
TPC Function	☒	With TPC	☐	Without TPC
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	accessMtool [version 3.2.1.0]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

Radio	WLAN 2.4GHz	5GHz UNII 1~3	Scaning radio (WLAN 2.4GHz / 5GHz UNII 1~3 / 6E UNII 5~8)
1	V (AP, Bridge, Mesh)	-	-
2	-	V AP for UNII 1~3 Bridge, Mesh for UNII 1, 3	-
3	-	-	V (AP)

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT support function

Function
AP
Bridge
Mesh

Note: For above table list, only AP mode was tested and recorded in this test.

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- FCC KDB 662911 D01 v02r01
- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Paul Chen	23.4~24 / 55~60	May 22, 2021~Jun. 29, 2021
Radiated below 1GHz	03CH03-CB	Gondor Hung	23.8-24.9 / 55-58	Jul. 19, 2022
Radiated above 1GHz (For UNII1, 3 other tests)	03CH02-CB	Kevin Huang	26.3~27.1 / 64~68	May 21, 2021~Jul. 14, 2021
Radiated above 1GHz (For UNII 2A, 2C other tests)		Nyle Chang	26.3~27.1 / 64~68	May 27, 2021
Radiated above 1GHz (For co-location test)		Eddie Weng	22.8~23.7 / 55~57	Jun. 11, 2021
AC Conduction	CO02-CB	Dean Chang	23~24 / 53~55	Aug. 09, 2022

Note: The tested sample of the AC Conduction & Radiated below 1GHz test item was received on Jul. 12, 2022.

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Date: Other Test Date

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

Test Date: After May 31, 2022

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<UNII 1, UNII 3>
For Radio 2
1T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	87
5200MHz	101
5240MHz	88
5745MHz	104
5785MHz	104
5825MHz	104
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	83
5200MHz	98
5240MHz	87
5745MHz	98
5785MHz	104
5825MHz	104
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5190MHz	75
5230MHz	89
5755MHz	94
5795MHz	104
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5210MHz	76
5775MHz	88

2T1S

Mode	Power Setting	Power Setting (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-
5180MHz	83	20.75
5200MHz	96	24
5240MHz	85	21.25
5745MHz	93	23.25
5785MHz	104	26
5825MHz	104	26

2T2S

Mode	Power Setting	PowerSetting (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-
5180MHz	79	19.75
5200MHz	93	23.25
5240MHz	84	21.00
5745MHz	93	23.25
5785MHz	104	26.00
5825MHz	104	26.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-
5190MHz	73	18.25
5230MHz	87	21.75
5755MHz	90	22.50
5795MHz	97	24.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-
5210MHz	69	17.25
5775MHz	77	19.25

For Scaning radio 3
2T1S

Mode	Power Setting	Power Setting (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-
5180MHz	82	20.5
5200MHz	100	25
5240MHz	91	22.75
5745MHz	100	25
5785MHz	108	27
5825MHz	103	25.75

2T2S

Mode	Power Setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-
5180MHz	76
5200MHz	96
5240MHz	90
5745MHz	100
5785MHz	108
5825MHz	103
802.11ax HEW40_Nss2,(MCS0)_2TX	-
5190MHz	65
5230MHz	91
5755MHz	100
5795MHz	104
802.11ax HEW80_Nss2,(MCS0)_2TX	-
5210MHz	69
5775MHz	89

<UNII 2A, UNII 2C>
For Radio 2
1T1S

Mode	Power Setting	Power Setting (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-
5260MHz	90	22.5
5300MHz	91	22.75
5320MHz	90	22.5
5500MHz	83	20.75
5580MHz	93	23.25
5700MHz	78	19.5
5720MHz Straddle 5.47-5.725GHz	90	22.5
5720MHz Straddle 5.725-5.85GHz	90	22.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	
5260MHz	89	22.25
5300MHz	88	22
5320MHz	87	21.75
5500MHz	78	19.5
5580MHz	91	22.75
5700MHz	72	18
5720MHz Straddle 5.47-5.725GHz	87	21.75
5720MHz Straddle 5.725-5.85GHz	87	21.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	
5230MHz	89	22.25
5270MHz	93	23.25
5310MHz	77	19.25
5510MHz	72	18
5550MHz	91	22.75
5670MHz	87	21.75
5710MHz Straddle 5.47-5.725GHz	94	23.5
5710MHz Straddle 5.725-5.85GHz	94	23.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	
5290MHz	75	18.75
5530MHz	70	17.5
5610MHz	90	22.5
5690MHz Straddle 5.47-5.725GHz	89	22.25
5690MHz Straddle 5.725-5.85GHz	89	22.25

2T1S

Mode	Power Setting	Power Setting (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-
5260MHz	78	19.5
5300MHz	78	19.5
5320MHz	79	19.75
5500MHz	78	19.5
5580MHz	80	20
5700MHz	71	17.75
5720MHz Straddle 5.47-5.725GHz	77	19.25
5720MHz Straddle 5.725-5.85GHz	77	19.25

2T2S

Mode	Power Setting	PowerSetting (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-
5260MHz	79	19.75
5300MHz	79	19.75
5320MHz	79	19.75
5500MHz	77	19.25
5580MHz	80	20.00
5700MHz	71	17.75
5720MHz Straddle 5.47-5.725GHz	78	19.50
5720MHz Straddle 5.725-5.85GHz	78	19.50
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-
5270MHz	82	20.50
5310MHz	68	17.00
5510MHz	61	15.25
5550MHz	80	20.00
5670MHz	77	19.25
5710MHz Straddle 5.47-5.725GHz	78	19.50
5710MHz Straddle 5.725-5.85GHz	78	19.50
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-
5290MHz	66	16.50
5530MHz	62	15.50
5610MHz	80	20.00
5690MHz Straddle 5.47-5.725GHz	77	19.25
5690MHz Straddle 5.725-5.85GHz	77	19.25

For Scanning radio 3
2T1S

Mode	Power Setting	Power Setting (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-
5260MHz	68	17
5300MHz	69	17.25
5320MHz	70	17.5
5500MHz	64	16
5580MHz	69	17.25
5700MHz	60	15
5720MHz Straddle 5.47-5.725GHz	67	16.75
5720MHz Straddle 5.725-5.85GHz	67	16.75

2T2S

Mode	Power Setting	PowerSetting (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-
5260MHz	79	19.75
5300MHz	80	20.00
5320MHz	75	18.75
5500MHz	74	18.50
5580MHz	80	20.00
5700MHz	62	15.50
5720MHz Straddle 5.47-5.725GHz	77	19.25
5720MHz Straddle 5.725-5.85GHz	77	19.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-
5270MHz	83	20.75
5310MHz	84	21.00
5510MHz	60	15.00
5550MHz	80	20.00
5670MHz	66	16.50
5710MHz Straddle 5.47-5.725GHz	78	19.50
5710MHz Straddle 5.725-5.85GHz	78	19.50
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-
5290MHz	66	16.50
5530MHz	69	17.25
5610MHz	80	20.00
5690MHz Straddle 5.47-5.725GHz	77	19.25
5690MHz Straddle 5.725-5.85GHz	77	19.25
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-
5250MHz Straddle 5.15-5.25GHz	62	15.50
5250MHz Straddle 5.25-5.35GHz	62	15.50

Mode	Power Setting	PowerSetting (dBm)
5570MHz	60	15.00

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation.
  The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
2	EUT_Radio 1 + Radio 2 + Radio 3 (5GHz) + PoE
3	EUT_Radio 1 + Radio 2 + Radio 3 (6GHz) + PoE
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	Refer to note 1 for detail operating mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in Z axis_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
2	EUT in Y axis_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
3	EUT in X axis_Radio 1 + Radio 2 + Radio 3 (2.4GHz) + PoE
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 and Mode 5 will follow this same test mode.	
4	EUT in Z axis_Radio 1 + Radio 2 + Radio 3 (5GHz) + PoE
5	EUT in Z axis_Radio 1 + Radio 2 + Radio 3 (6GHz) + PoE
For operating mode 4 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	1. For Radio 2 and Scaning radio 3 The EUT was performed at X axis, Y axis and Z axis and the worst case was found at Z axis. So the measurement will follow this same test configuration. 2. Refer to note 1 for detail operating mode
1	Radio 2_1T1S_EUT in Z axis
2	Radio 2_2T1S_EUT in Z axis
3	Radio 2_2T2S_EUT in Z axis
4	Scaning radio 3_2T1S_EUT in Z axis
5	Scaning radio 3_2T2S_EUT in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at Y axis and Z axis and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT in Z axis_Radio 1_2.4GHz + Radio 2_5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1_2.4GHz + Radio 2_5GHz + Scaning radio 3_2.4GHz
2	Radio 1_2.4GHz + Radio 2_5GHz + Scaning radio 3_5GHz
3	Radio 1_2.4GHz + Radio 2_5GHz + Scaning radio 3_6E
Refer to Sporton Test Report No.: FA151220-19 for Co-location RF Exposure Evaluation.	

Note 1:Test Mode

Test Mode						
Test Item	**802.11a**			**802.11ax HEW20/40/80**		
	1T1S	**CDD 2T1S**	**CDD 2T2S**	**1T1S**	**CDD 2T1S**	**CDD 2T2S**
Maximum Conducted Output Power	V	V	-	V	Note 2	V
Emission Bandwidth	V	V	-	V	Note 2	V
Peak Power Spectral Density	V	V	-	V	Note 2	V
Radiated Emission	V	V	-	V	Note 2	V
Band Edge Emission	V	V	-	V	Note 2	V

Note 2: 802.11ax HEW20/40 2T1S CDD mode was covered by 802.11ax HEW20/40 2T2S, due to 2T1S=MIN(2T2S, (2T2S-(10*LOG(2/1)-2T2S (worst case of PSD/BE/Harmonic) MARGIN))).

Note 3: The PoE is for measurement only, would not be marketed.

PoE information as below:

Power	Brand	Model
PoE	Microsemi	PD-9001-10GC/AC

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Cradle*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	ETH0/PoE+ NB	DELL	E6430	N/A
B	ETH1 NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	R3(2.4G/5G/6E) NB	DELL	E6430	N/A
F	PoE	Microsemi	PD-9001-10GC/AC	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Microsemi	PD-9001-10GC/AC	N/A
B	Lan Notebook	DELL	OPTIPLEX 3010	N/A
C	WAN Notebook	DELL	OPTIPLEX 3010	N/A
D	2.4G WiFi Notebook	DELL	OPTIPLEX 3010	N/A
E	5G WiFi Notebook	DELL	OPTIPLEX 3010	N/A
F	6E WiFi Notebook	DELL	OPTIPLEX 3010	N/A
G	Flash disk3.0	Silicon Power	B06	N/A

For Radiated (above 1GHz):

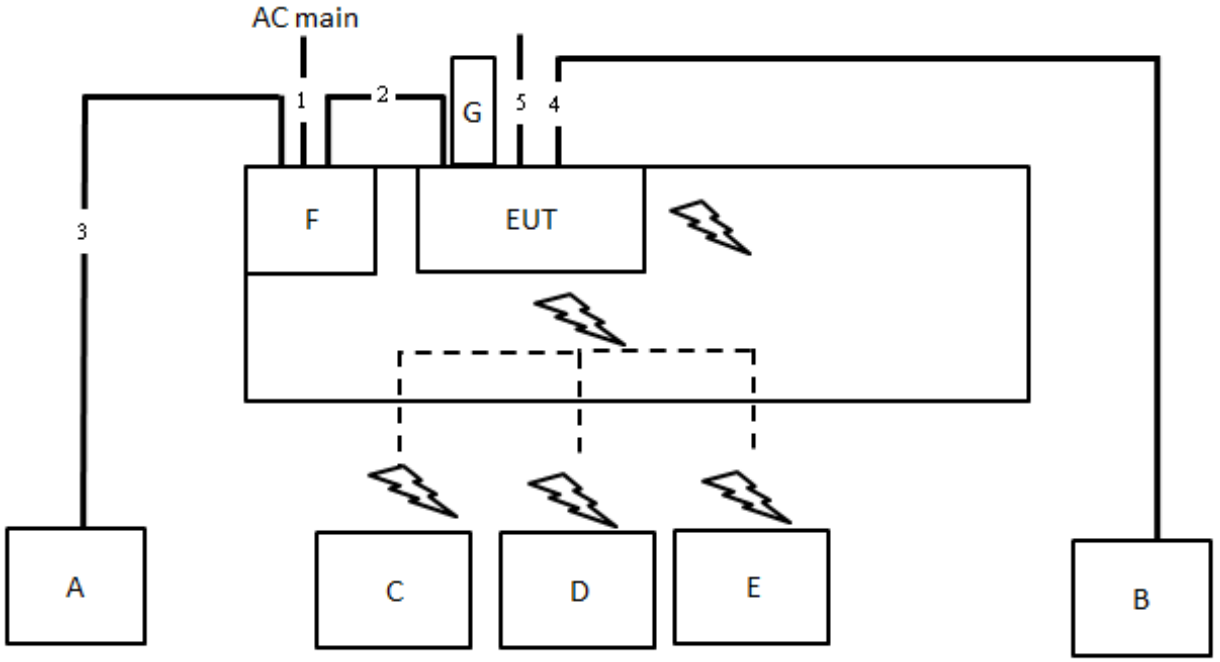
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9001-10GC/AC	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	Microsemi	PD-9001-10GC/AC	N/A

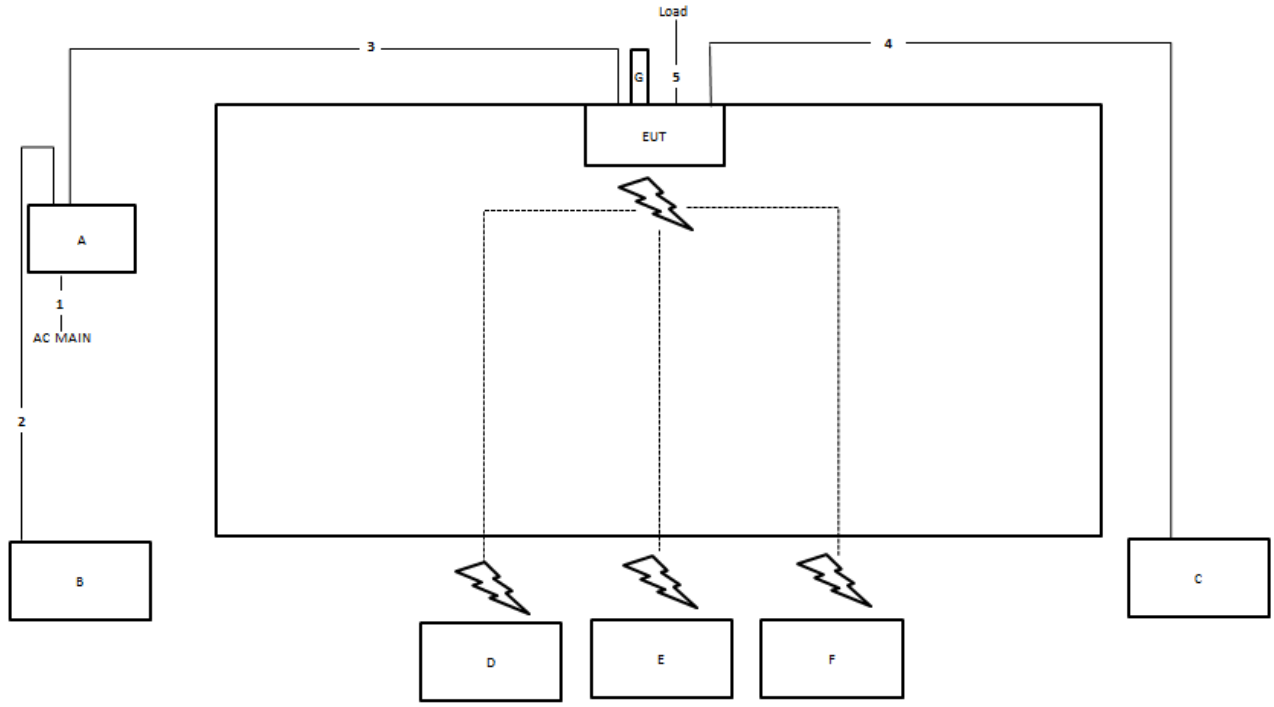
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



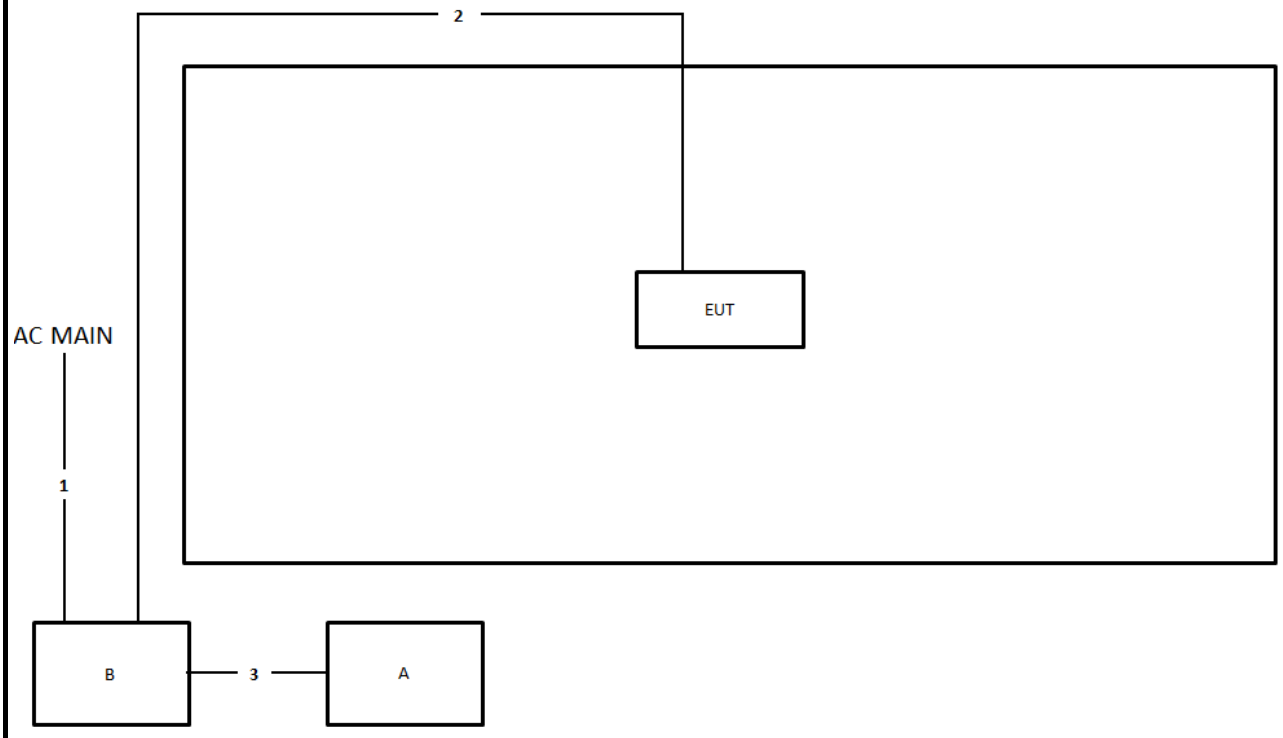
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	USB cable	Yes	0.5m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

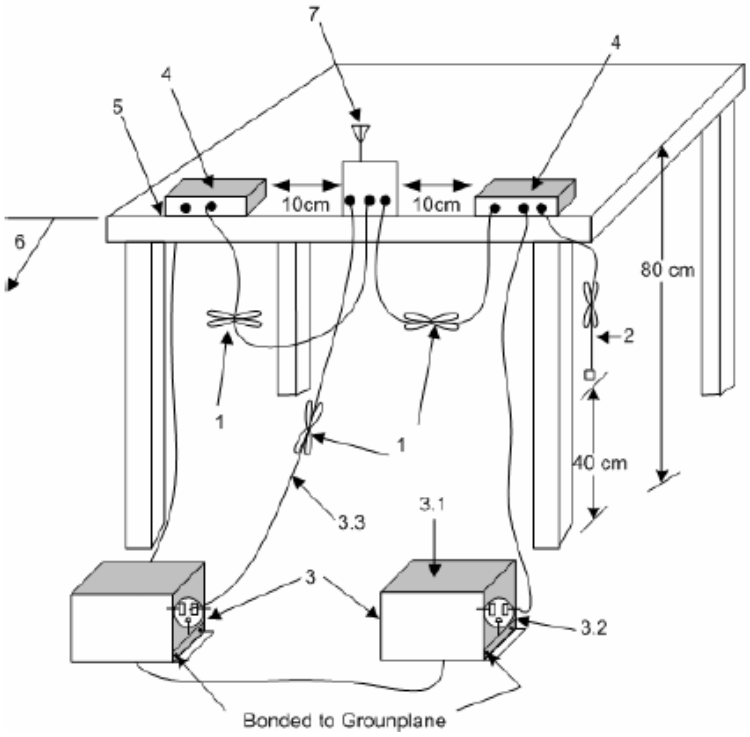
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒ For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
☐ For the 5.85-5.895 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices
☐ For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

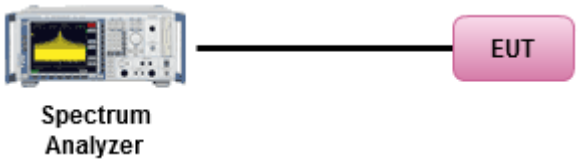
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.

P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.3.2 Measuring Instruments

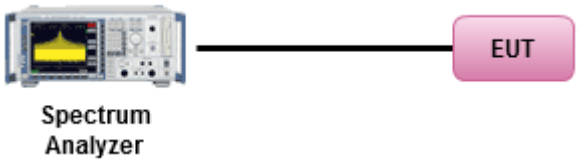
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

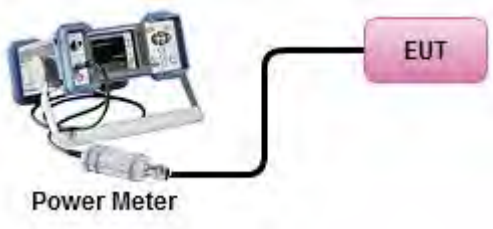
Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

For Straddle channel

RF Output Power (Spectrum Analyzer)


For others channel

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.

PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz $\mathbf{G_{TX}}$ = the maximum transmitting antenna directional gain in dBi.

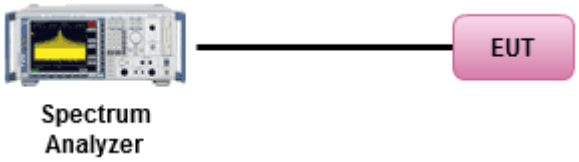
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]	
	☒	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density
 Spectrum Analyzer

3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

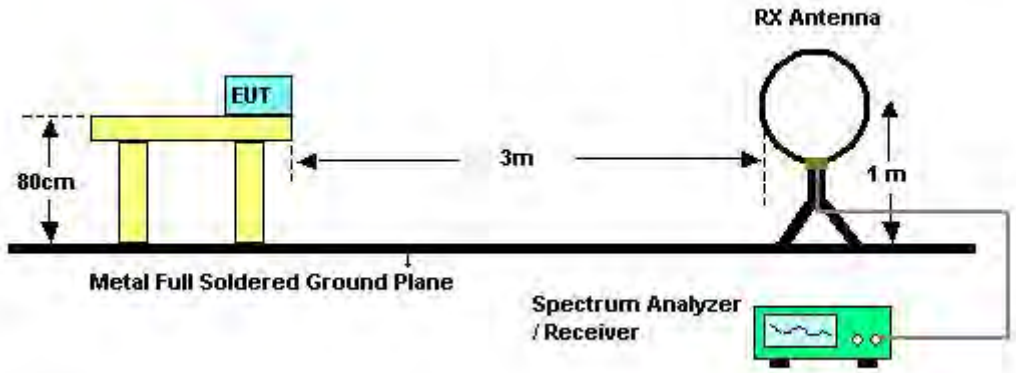
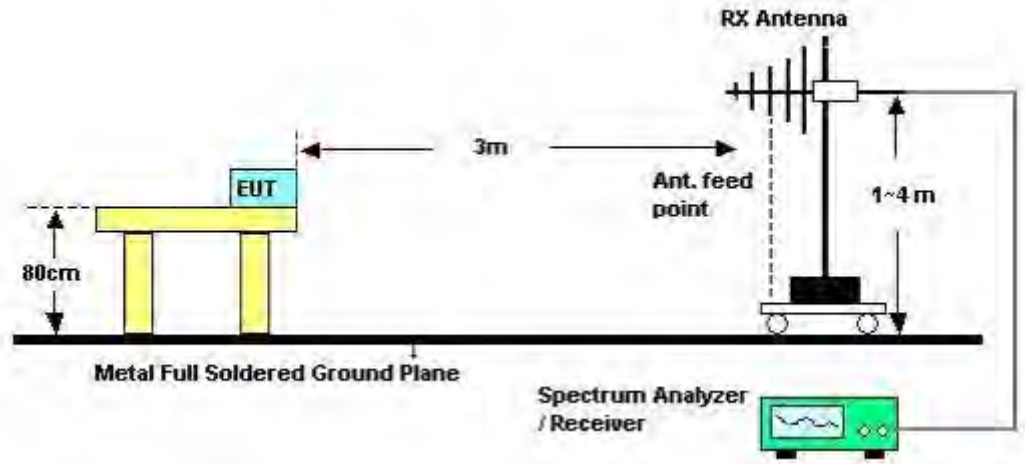
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

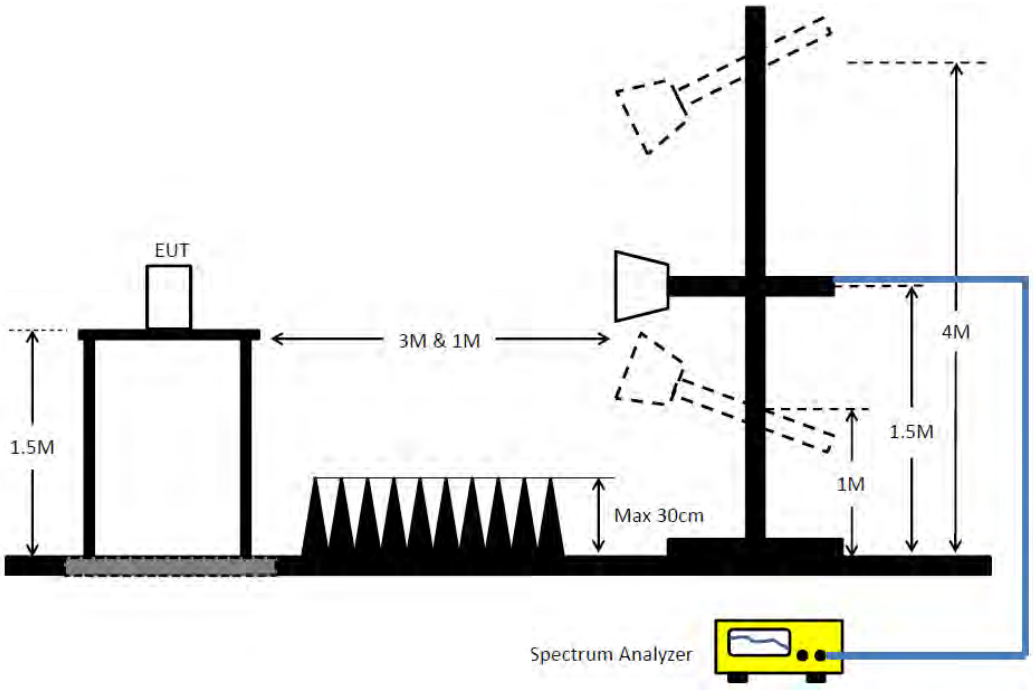
Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			

Test Method
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 06, 2022	May 05, 2023	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 19, 2021	Oct. 18, 2022	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2022	Mar. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 26, 2022	Jan. 25, 2023	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 10, 2022	Jan. 09, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun.15, 2021	Jun. 14, 2022	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conduction (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conduction (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conduction (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conduction (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conduction (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conduction (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conduction (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conduction (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (TH02-CB)

Note: Calibration Interval of instruments listed above is one year.

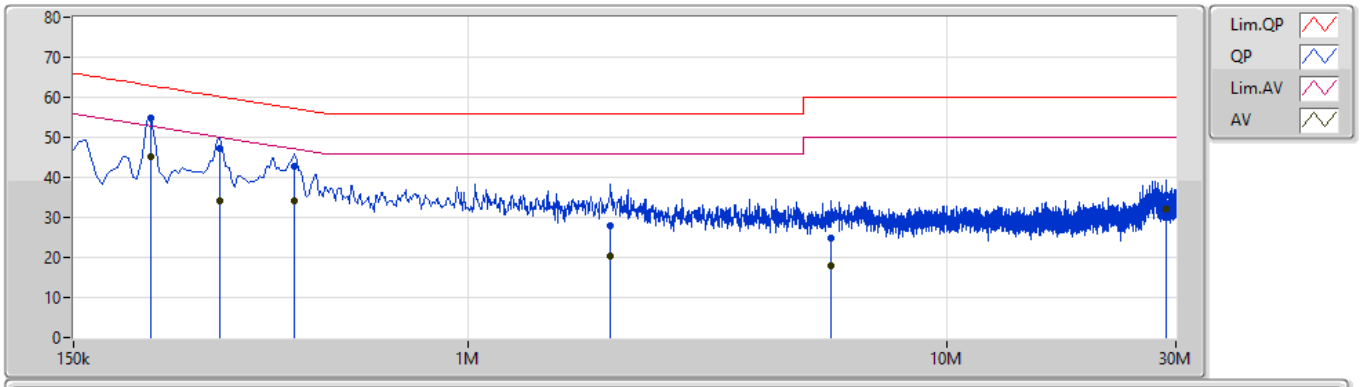
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	217.5k	55.22	62.92	-7.70	Neutral

Mode 3

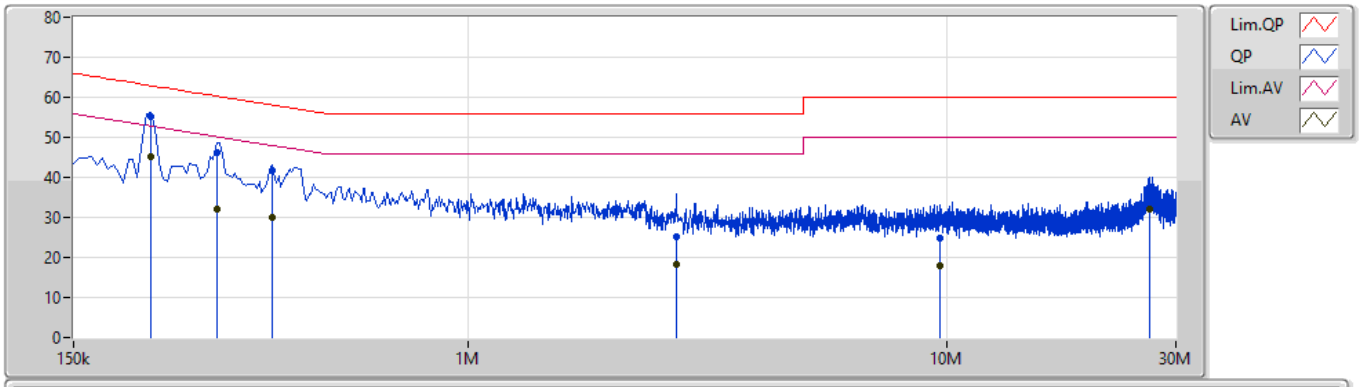
09/08/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	54.91	62.92	-8.01	9.99	Line	-	44.92	0.06	0.04	9.89
AV	217.5k	45.19	52.92	-7.73	9.99	Line	"Worst"	35.20	0.06	0.04	9.89
QP	303k	47.09	60.17	-13.08	10.00	Line	-	37.09	0.06	0.05	9.89
AV	303k	34.09	50.17	-16.08	10.00	Line	-	24.09	0.06	0.05	9.89
QP	433.5k	42.82	57.19	-14.37	10.01	Line	-	32.81	0.06	0.06	9.89
AV	433.5k	34.25	47.19	-12.94	10.01	Line	-	24.24	0.06	0.06	9.89
QP	1.982M	28.10	56.00	-27.90	10.07	Line	-	18.03	0.09	0.09	9.89
AV	1.982M	20.35	46.00	-25.65	10.07	Line	-	10.28	0.09	0.09	9.89
QP	5.712M	24.88	60.00	-35.12	10.18	Line	-	14.70	0.16	0.12	9.90
AV	5.712M	17.85	50.00	-32.15	10.18	Line	-	7.67	0.16	0.12	9.90
QP	28.689M	35.52	60.00	-24.48	10.73	Line	-	24.79	0.39	0.33	10.01
AV	28.689M	31.95	50.00	-18.05	10.73	Line	-	21.22	0.39	0.33	10.01

Mode 3

09/08/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	55.22	62.92	-7.70	10.00	Neutral	"Worst"	45.22	0.07	0.04	9.89
AV	217.5k	45.07	52.92	-7.85	10.00	Neutral	-	35.07	0.07	0.04	9.89
QP	298.5k	46.11	60.28	-14.17	10.01	Neutral	-	36.10	0.07	0.05	9.89
AV	298.5k	31.90	50.28	-18.38	10.01	Neutral	-	21.89	0.07	0.05	9.89
QP	388.5k	41.76	58.10	-16.34	10.02	Neutral	-	31.74	0.07	0.06	9.89
AV	388.5k	30.13	48.10	-17.97	10.02	Neutral	-	20.11	0.07	0.06	9.89
QP	2.72M	25.13	56.00	-30.87	10.09	Neutral	-	15.04	0.11	0.09	9.89
AV	2.72M	18.13	46.00	-27.87	10.09	Neutral	-	8.04	0.11	0.09	9.89
QP	9.65M	24.97	60.00	-35.03	10.31	Neutral	-	14.66	0.24	0.16	9.91
AV	9.65M	17.98	50.00	-32.02	10.31	Neutral	-	7.67	0.24	0.16	9.91
QP	26.484M	37.49	60.00	-22.51	10.60	Neutral	-	26.89	0.31	0.30	9.99
AV	26.484M	31.91	50.00	-18.09	10.60	Neutral	-	21.31	0.31	0.30	9.99

For Radio 2 / 1T1S
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	45.09M	32.954M	33M0D1D	37.11M	17.751M
802.11ax HEW20_Nss1,(MCS0)_1TX	47.61M	31.784M	31M8D1D	25.47M	19.22M
802.11ax HEW40_Nss1,(MCS0)_1TX	77.58M	38.801M	38M8D1D	40.26M	37.541M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.2M	76.882M	76M9D1D	82.2M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.32M	38.441M	38M4D1D	3.135M	9.88M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.69M	41.919M	41M9D1D	4.455M	9.235M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.08M	82.519M	82M5D1D	3.78M	23.523M
802.11ax HEW80_Nss1,(MCS0)_1TX	75.36M	85.277M	85M3D1D	3.585M	26.642M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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	37.11M	17.751M
5200MHz	Pass	Inf	45.09M	32.954M
5240MHz	Pass	Inf	37.59M	18.771M
5745MHz	Pass	500k	16.32M	38.441M
5785MHz	Pass	500k	16.29M	38.081M
5825MHz	Pass	500k	16.32M	37.121M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	25.47M	19.22M
5200MHz	Pass	Inf	47.61M	31.784M
5240MHz	Pass	Inf	41.07M	19.64M
5745MHz	Pass	500k	18.66M	39.07M
5785MHz	Pass	500k	18.69M	41.919M
5825MHz	Pass	500k	17.88M	41.049M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.541M
5230MHz	Pass	Inf	77.58M	38.801M
5755MHz	Pass	500k	37.08M	55.712M
5795MHz	Pass	500k	37.02M	82.519M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	82.2M	76.882M
5775MHz	Pass	500k	75.36M	85.277M

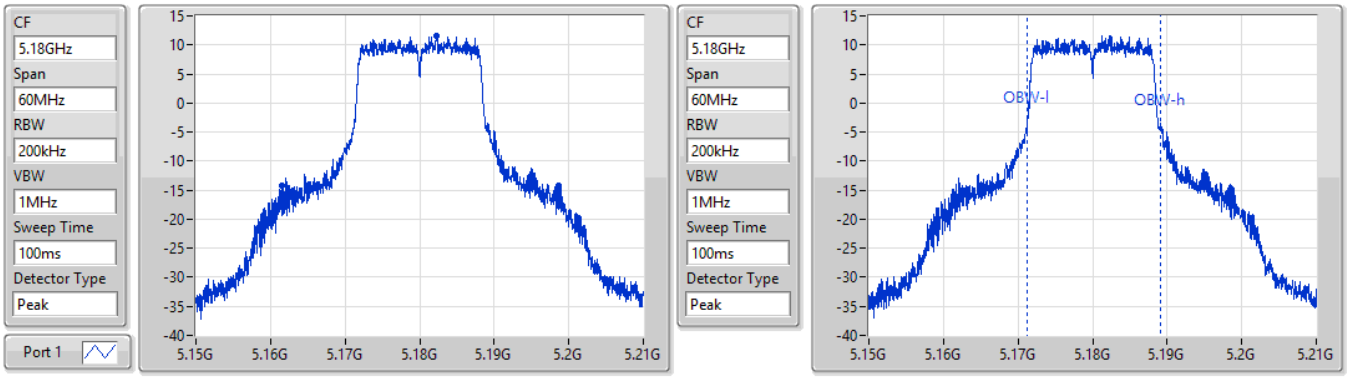
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

15/06/2021



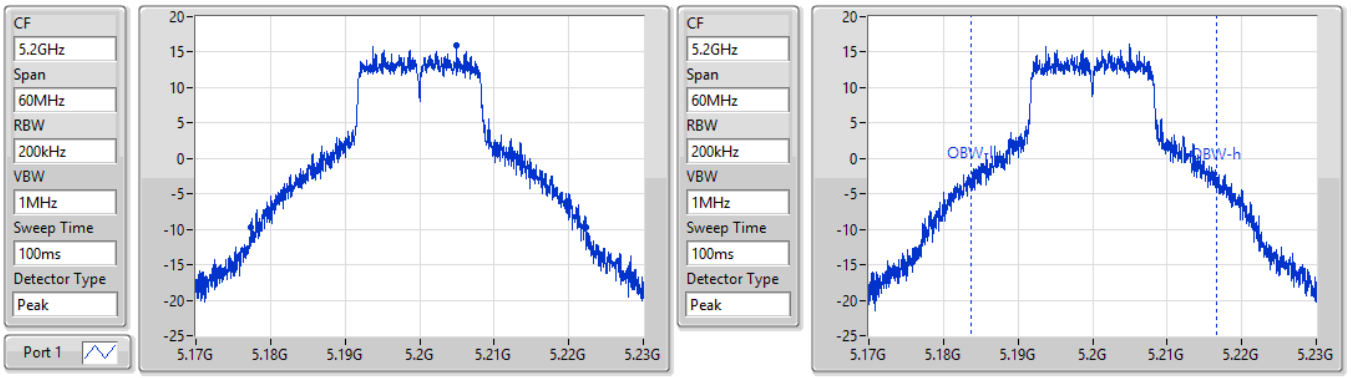
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.11M	5.16158G	5.19869G	17.751M	5.171304G	5.189055G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5200MHz

15/06/2021



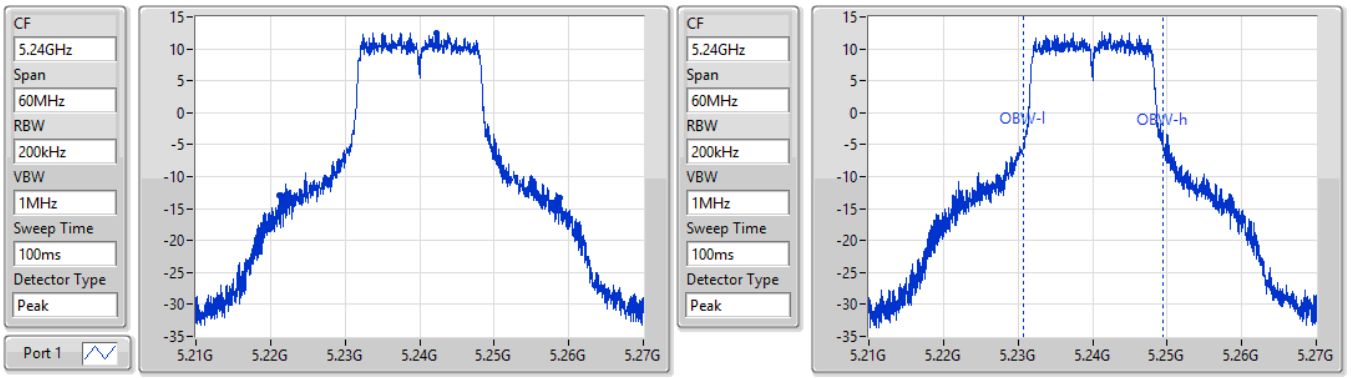
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.09M	5.17729G	5.22238G	32.954M	5.183628G	5.216582G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

15/06/2021



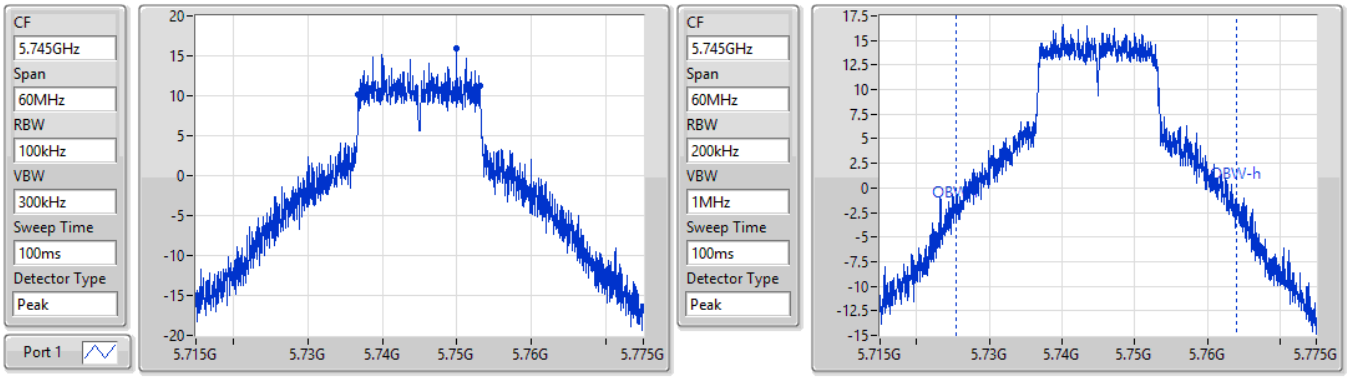
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.59M	5.22125G	5.25884G	18.771M	5.230735G	5.249505G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

15/06/2021



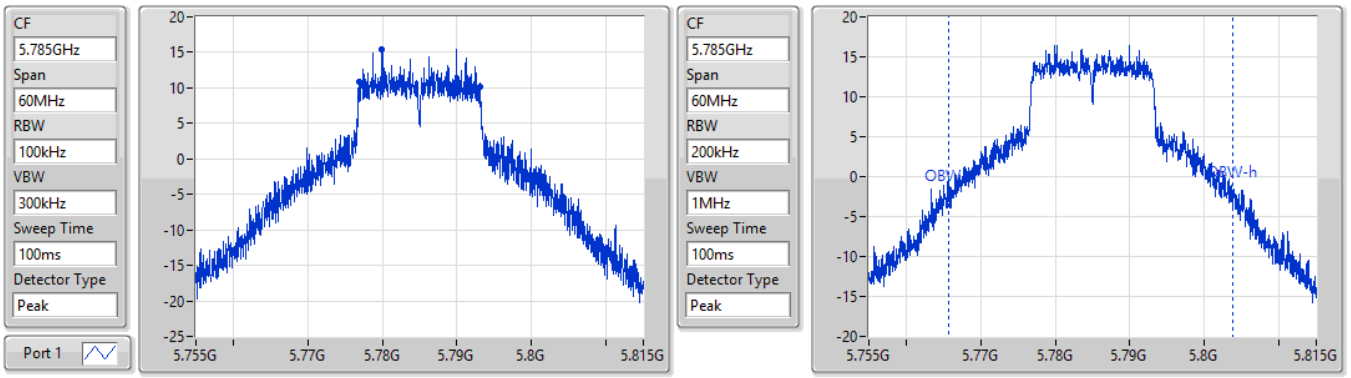
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	38.441M	5.72551G	5.763951G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

15/06/2021



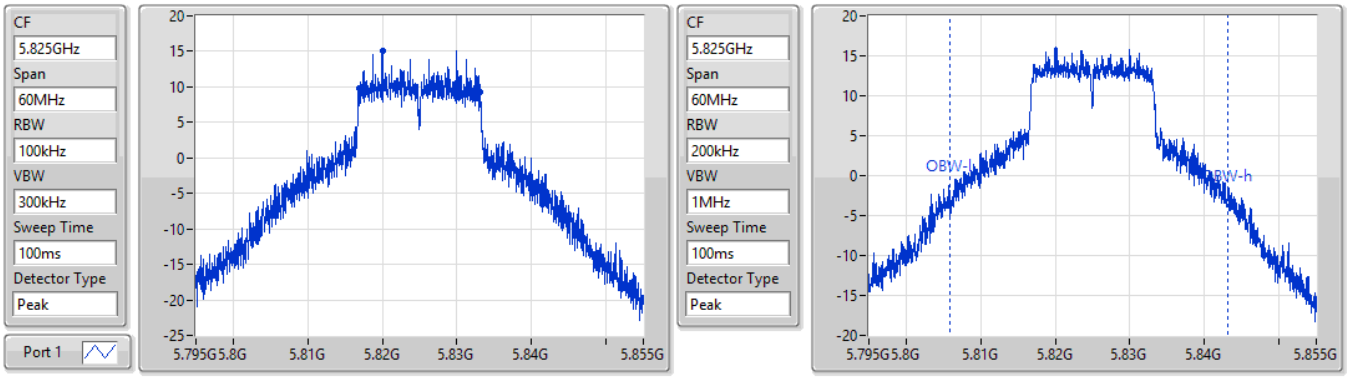
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77684G	5.79313G	38.081M	5.76566G	5.803741G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

15/06/2021



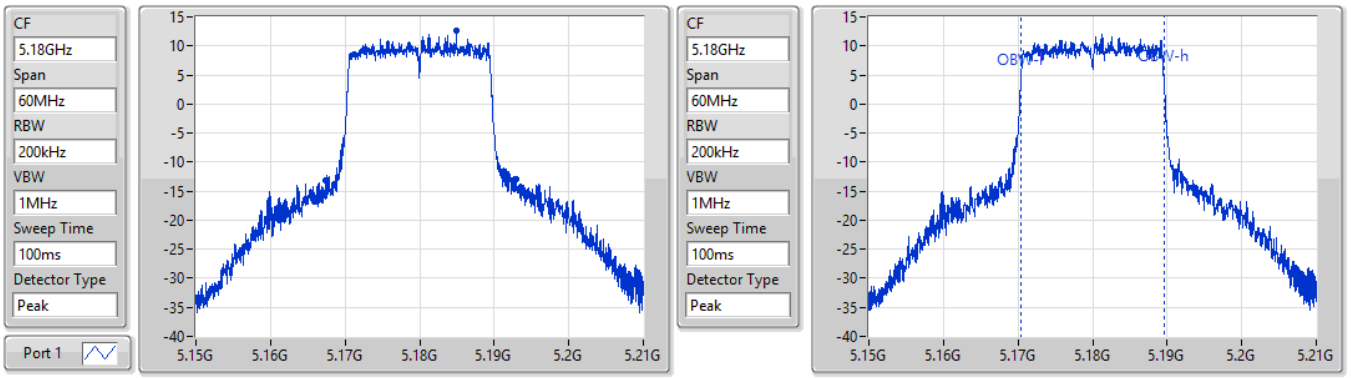
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81684G	5.83316G	37.121M	5.80593G	5.843051G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

15/06/2021



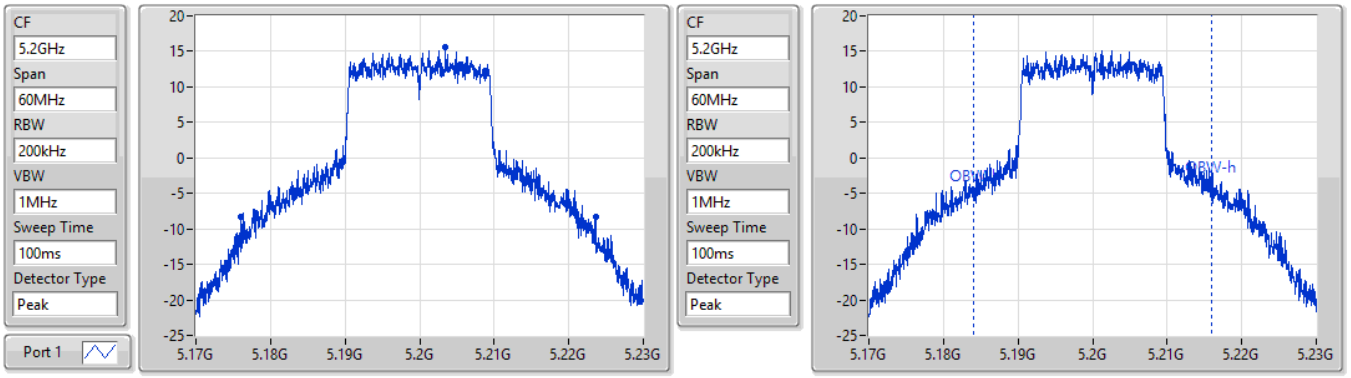
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.47M	5.16746G	5.19293G	19.22M	5.170375G	5.189595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

15/06/2021



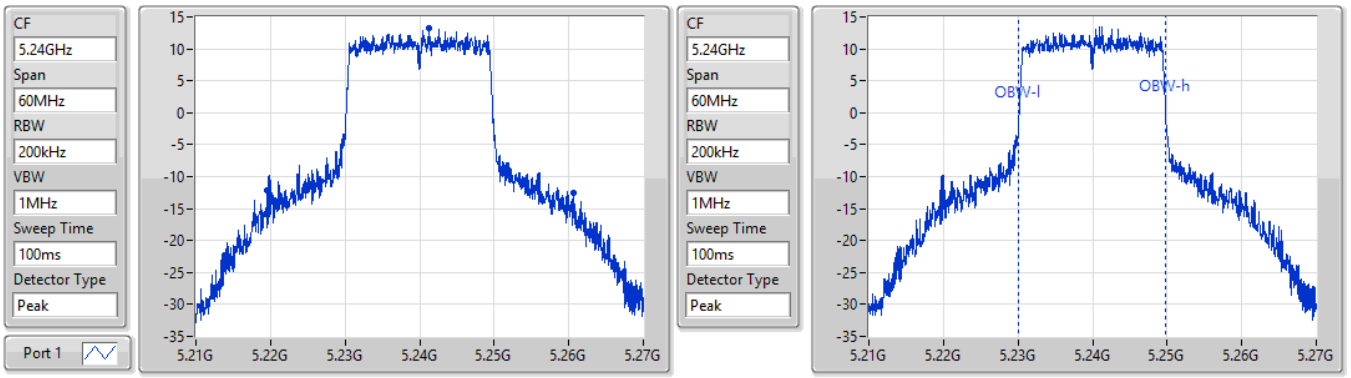
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.61M	5.17597G	5.22358G	31.784M	5.184108G	5.215892G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

15/06/2021



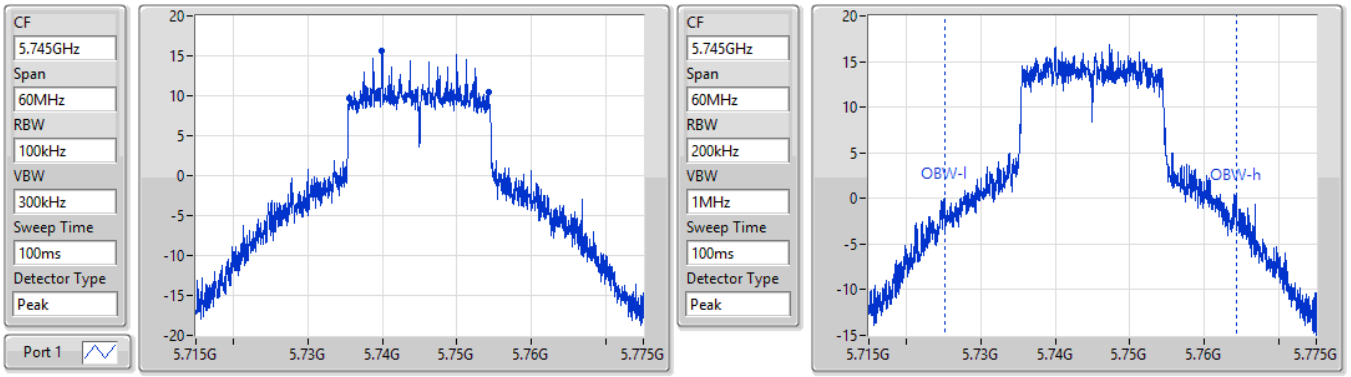
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.07M	5.21957G	5.26064G	19.64M	5.230135G	5.249775G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5745MHz

15/06/2021



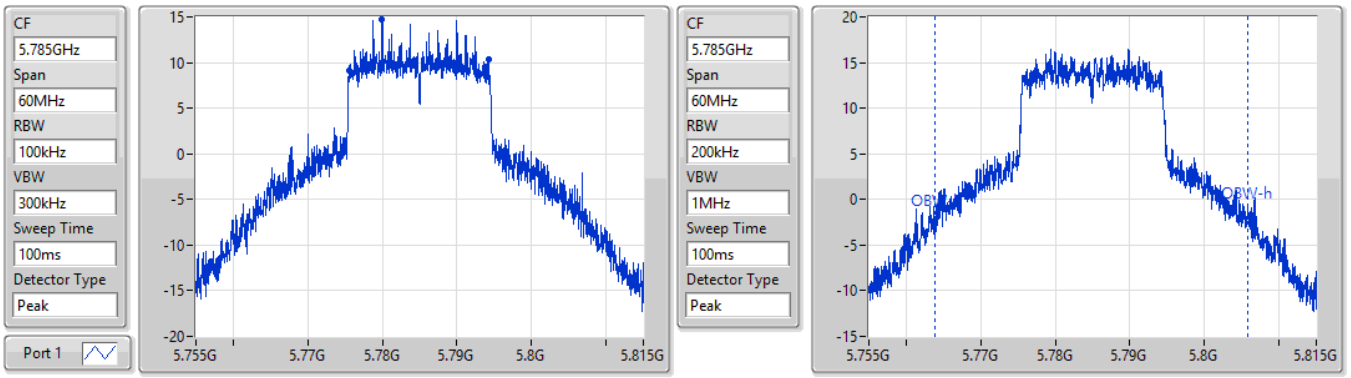
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.66M	5.73558G	5.75424G	39.07M	5.72515G	5.76422G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5785MHz

15/06/2021



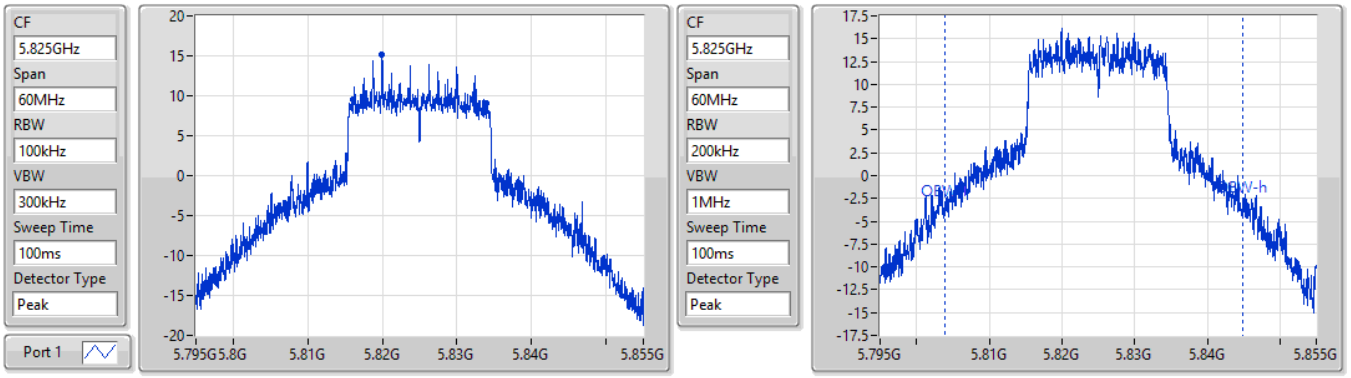
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.69M	5.77555G	5.79424G	41.919M	5.763831G	5.80575G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5825MHz

15/06/2021



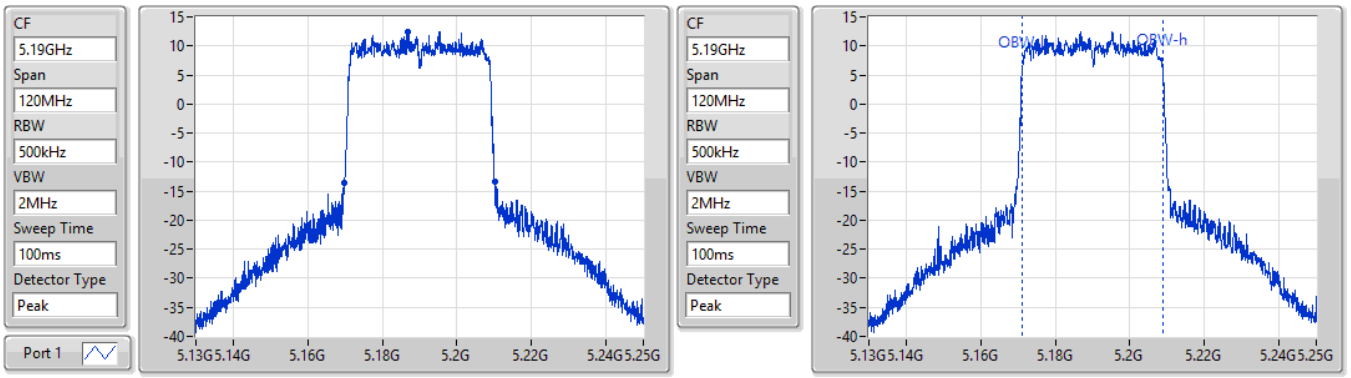
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.88M	5.81612G	5.834G	41.049M	5.803861G	5.84491G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5190MHz

15/06/2021



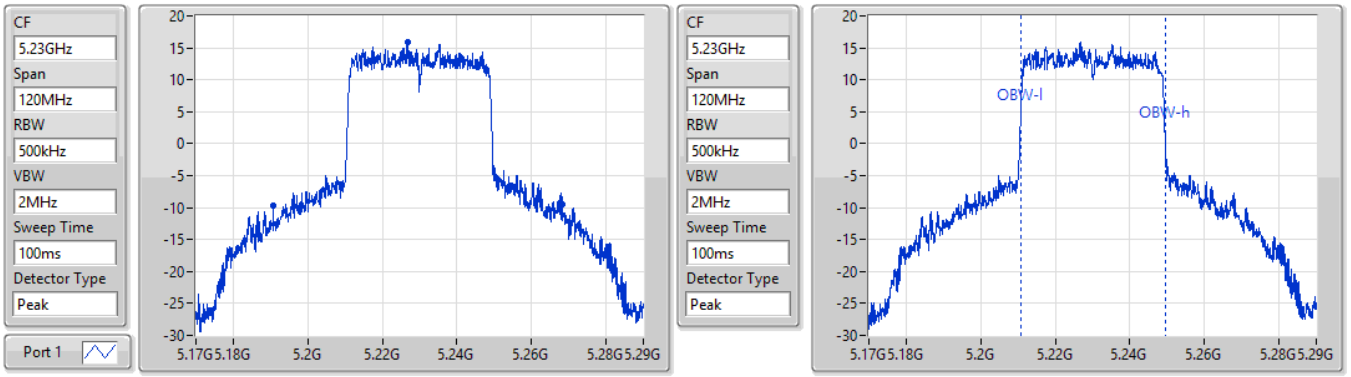
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.16984G	5.2101G	37.541M	5.171229G	5.208771G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5230MHz

15/06/2021



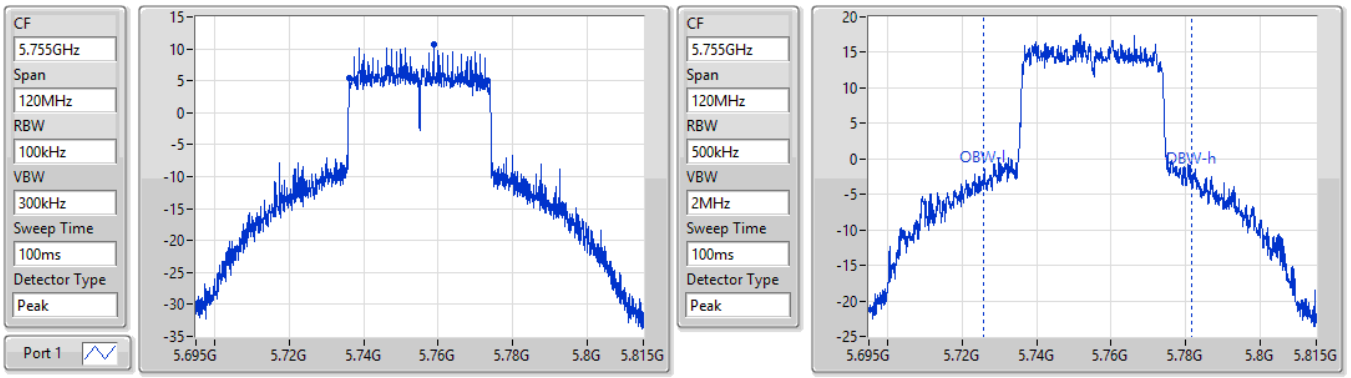
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.58M	5.1907G	5.26828G	38.801M	5.21069G	5.24949G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5755MHz

15/06/2021



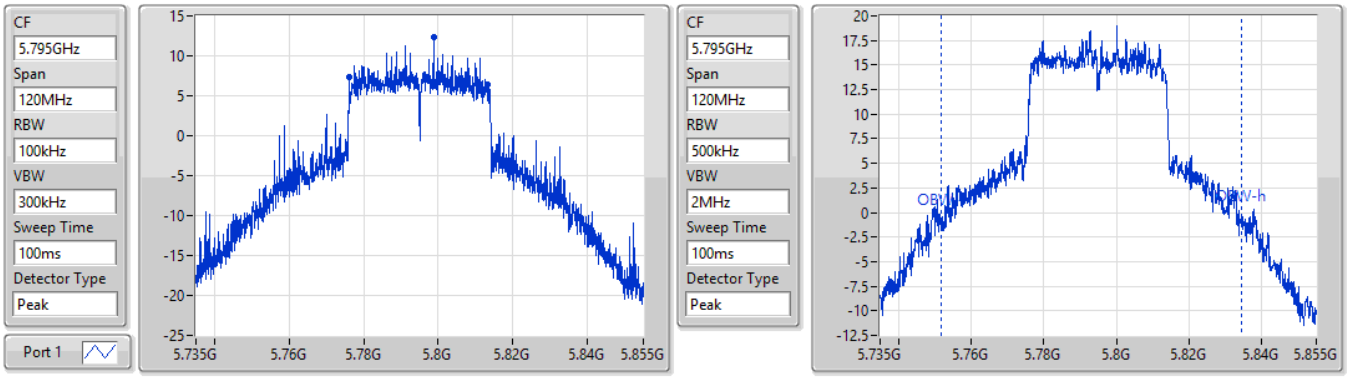
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.73616G	5.77324G	55.712M	5.725855G	5.781567G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5795MHz

15/06/2021

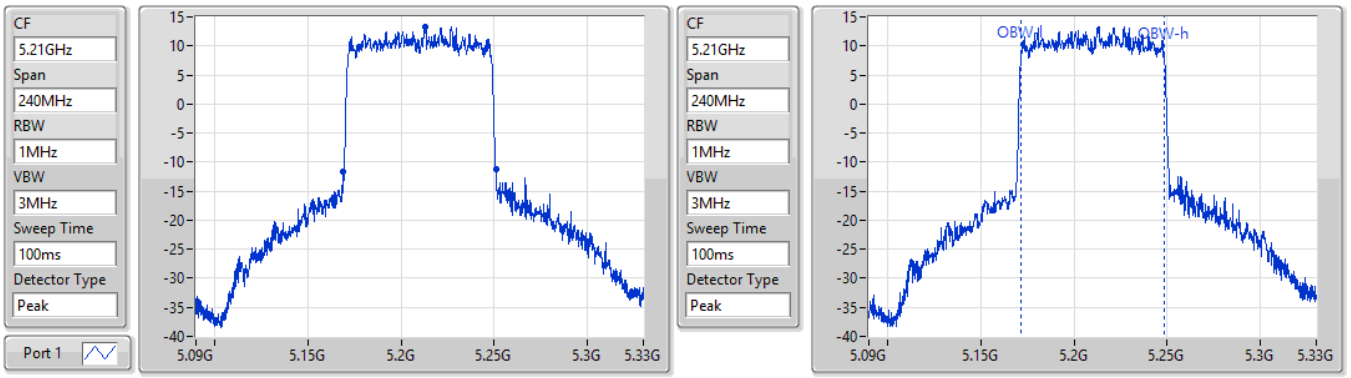


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.02M	5.77622G	5.81324G	82.519M	5.751822G	5.83434G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5210MHz

15/06/2021

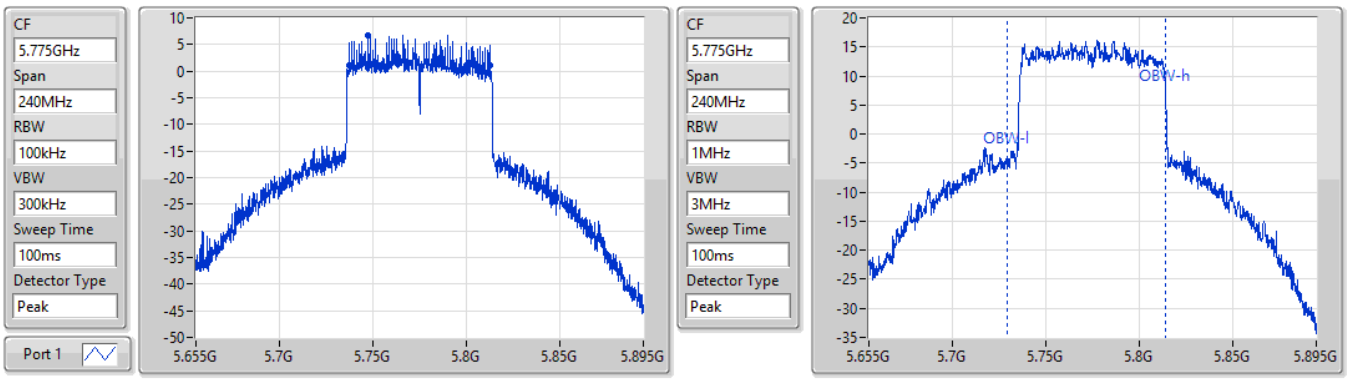


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.1686G	5.2508G	76.882M	5.171619G	5.248501G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5775MHz

15/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.36M	5.73732G	5.81268G	85.277M	5.728943G	5.81422G	500k	1

For Radio 2 / 1T1S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.59M	19.79M	19M8D1D	37.38M	18.471M
802.11ax HEW20_Nss1,(MCS0)_1TX	41.1M	19.76M	19M8D1D	36.51M	19.34M
802.11ax HEW40_Nss1,(MCS0)_1TX	81.84M	39.16M	39M2D1D	40.74M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.36M	76.882M	76M9D1D	81.36M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.5M	19.37M	19M4D1D	21.45M	14.658M
802.11ax HEW20_Nss1,(MCS0)_1TX	40.14M	19.55M	19M5D1D	21.63M	14.728M
802.11ax HEW40_Nss1,(MCS0)_1TX	74.88M	38.801M	38M8D1D	40.2M	34.595M
802.11ax HEW80_Nss1,(MCS0)_1TX	153.6M	79.76M	79M8D1D	81.48M	74.208M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.135M	9.88M	9M88D1D	3.135M	9.88M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.455M	9.235M	9M24D1D	4.455M	9.235M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.78M	23.523M	23M5D1D	3.78M	23.523M
802.11ax HEW80_Nss1,(MCS0)_1TX	3.585M	26.642M	26M6D1D	3.585M	26.642M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	37.38M	19.1M
5300MHz	Pass	Inf	37.59M	19.79M
5320MHz	Pass	Inf	37.59M	18.471M
5500MHz	Pass	Inf	26.67M	16.942M
5580MHz	Pass	Inf	37.5M	19.37M
5700MHz	Pass	Inf	21.45M	16.822M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.8M	14.658M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	9.88M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	41.1M	19.76M
5300MHz	Pass	Inf	40.11M	19.52M
5320MHz	Pass	Inf	36.51M	19.34M
5500MHz	Pass	Inf	22.47M	19.07M
5580MHz	Pass	Inf	40.14M	19.55M
5700MHz	Pass	Inf	21.63M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	25.27M	14.728M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	9.235M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	81.84M	39.16M
5310MHz	Pass	Inf	40.74M	37.601M
5510MHz	Pass	Inf	40.2M	37.541M
5550MHz	Pass	Inf	74.88M	38.801M
5670MHz	Pass	Inf	58.56M	37.961M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.888M	34.595M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	23.523M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	81.36M	76.882M
5530MHz	Pass	Inf	81.48M	77.001M
5610MHz	Pass	Inf	153.6M	79.76M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	105.555M	74.208M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.585M	26.642M

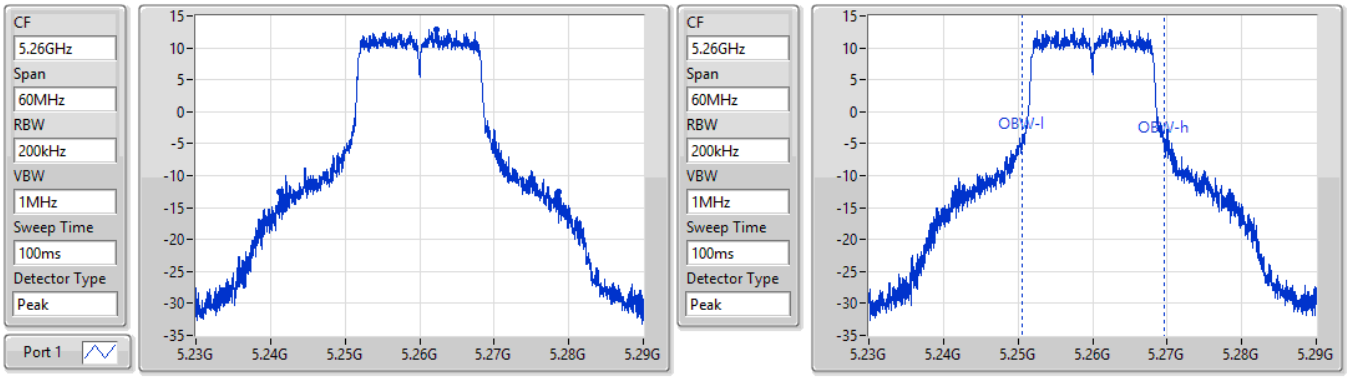
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

15/06/2021



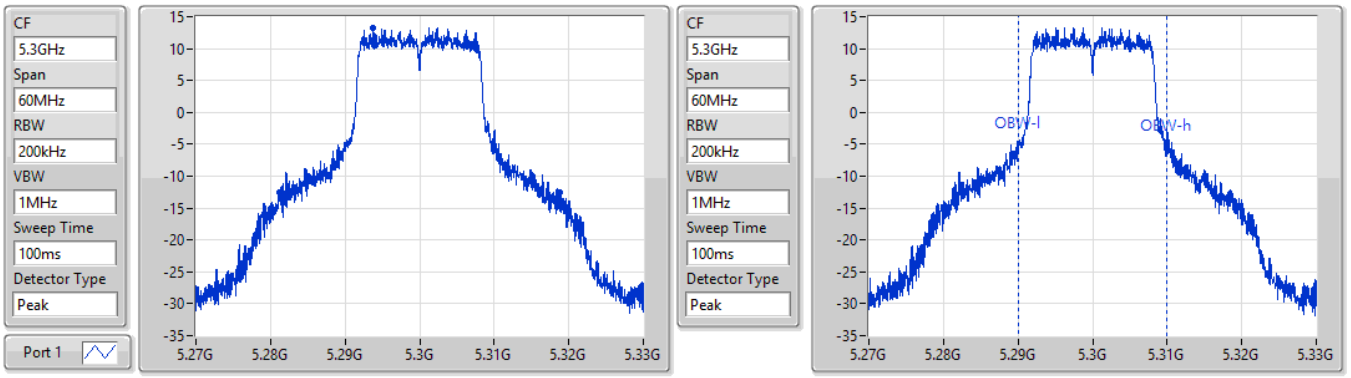
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.24128G	5.27866G	19.1M	5.250555G	5.269655G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

15/06/2021



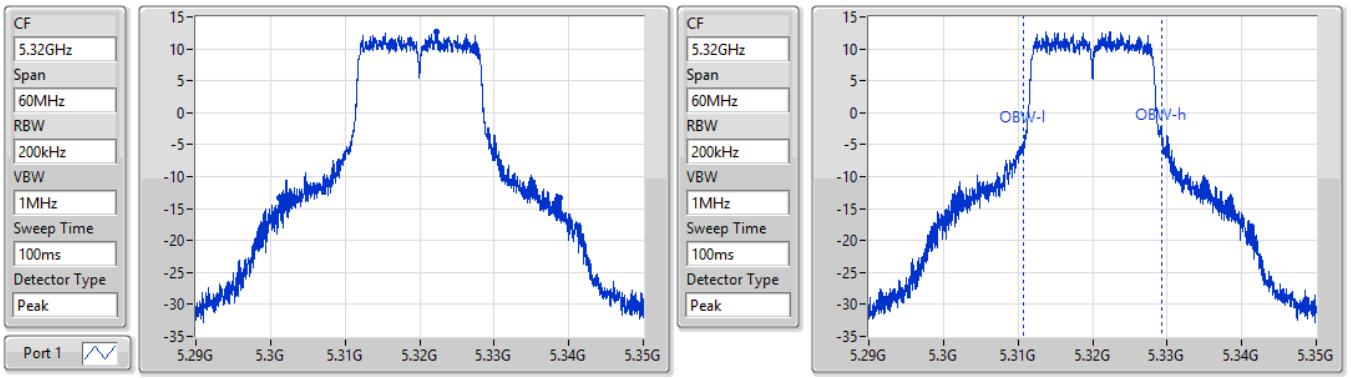
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.59M	5.28113G	5.31872G	19.79M	5.290105G	5.309895G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

15/06/2021



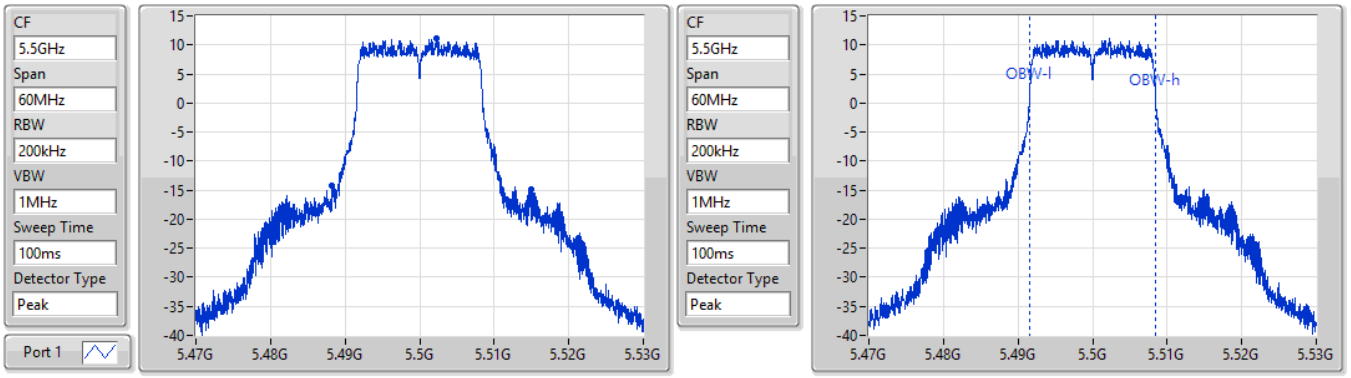
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.59M	5.30116G	5.33875G	18.471M	5.310795G	5.329265G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5500MHz

15/06/2021



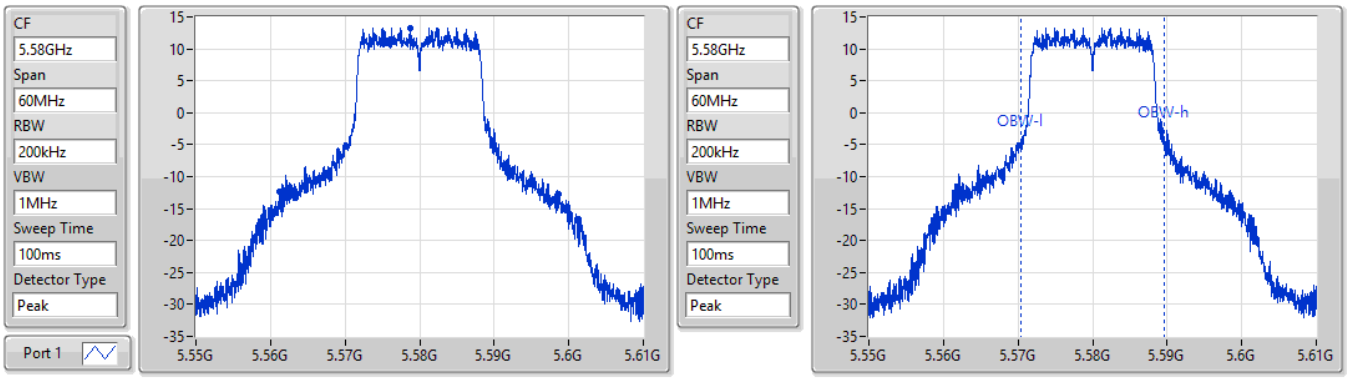
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.67M	5.4883G	5.51497G	16.942M	5.491544G	5.508486G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

15/06/2021



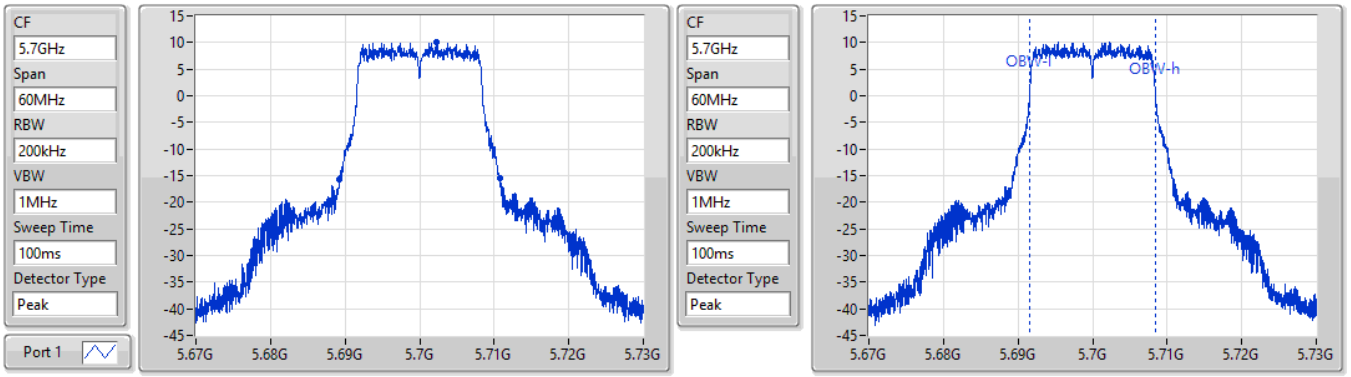
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	5.56116G	5.59866G	19.37M	5.570315G	5.589685G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

15/06/2021



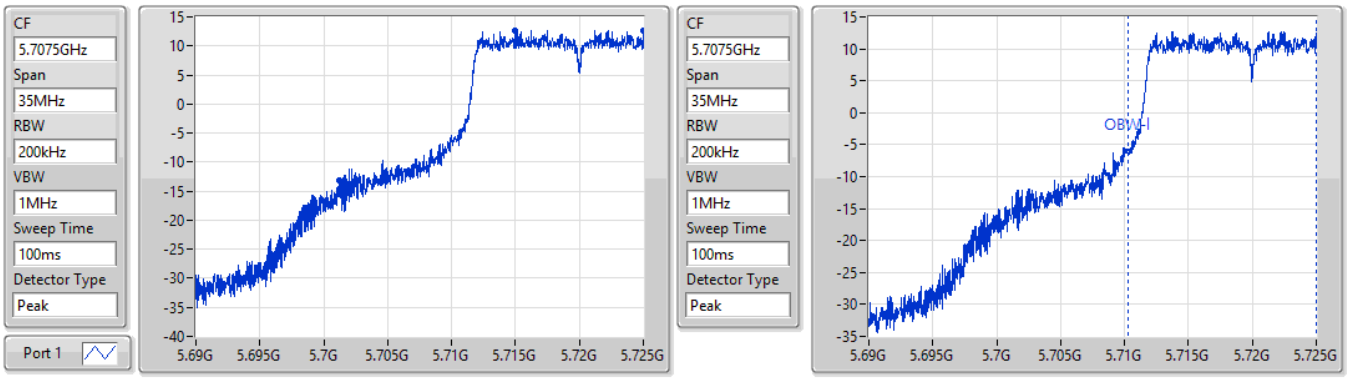
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.68926G	5.71071G	16.822M	5.691604G	5.708426G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

16/06/2021



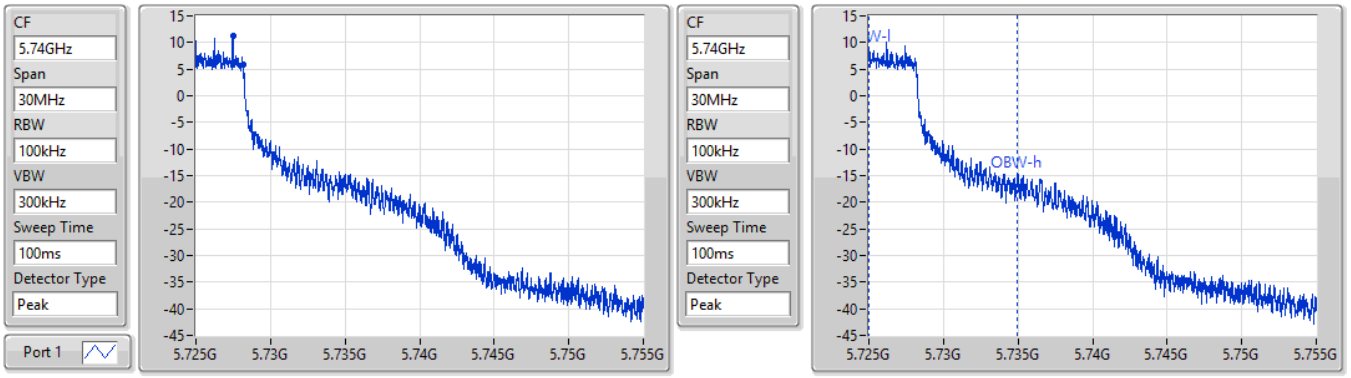
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.8M	5.7012G	5.725G	14.658M	5.710299G	5.724956G	Inf	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2021



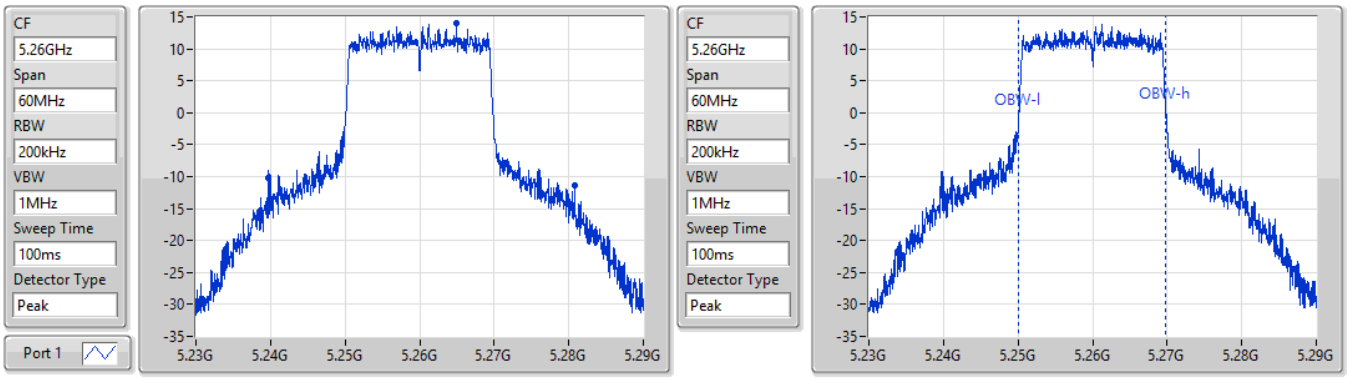
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.135M	5.725G	5.728135G	9.88M	5.725022G	5.734903G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

15/06/2021



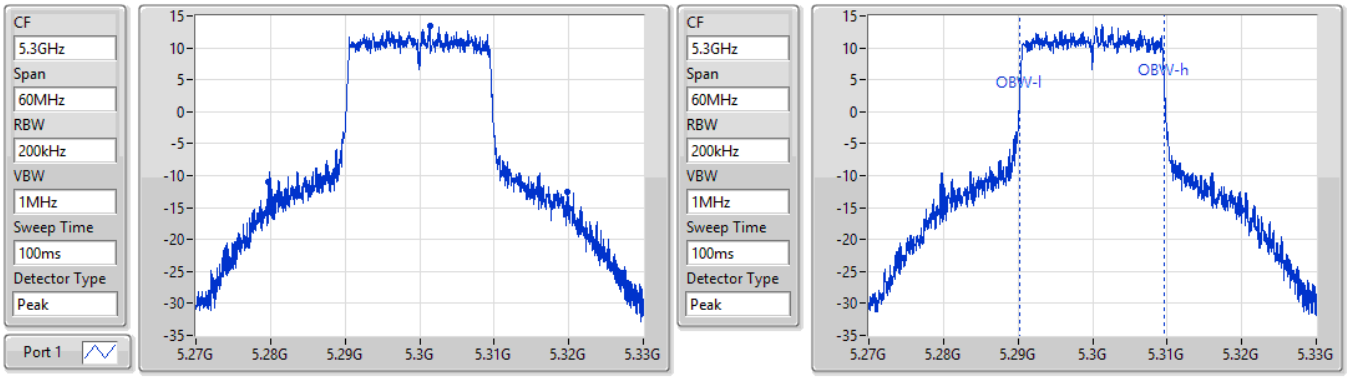
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.23966G	5.28076G	19.76M	5.250045G	5.269805G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

15/06/2021



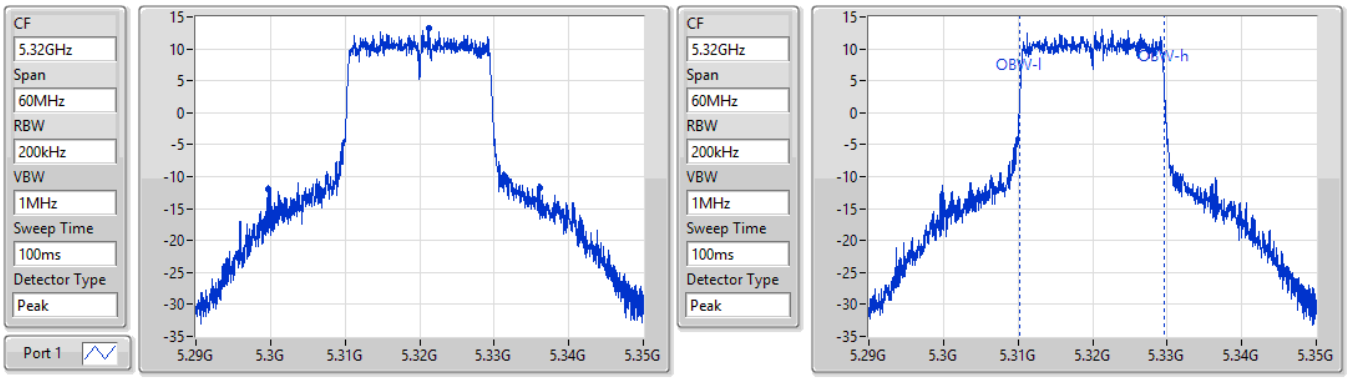
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.11M	5.27963G	5.31974G	19.52M	5.290165G	5.309685G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

15/06/2021



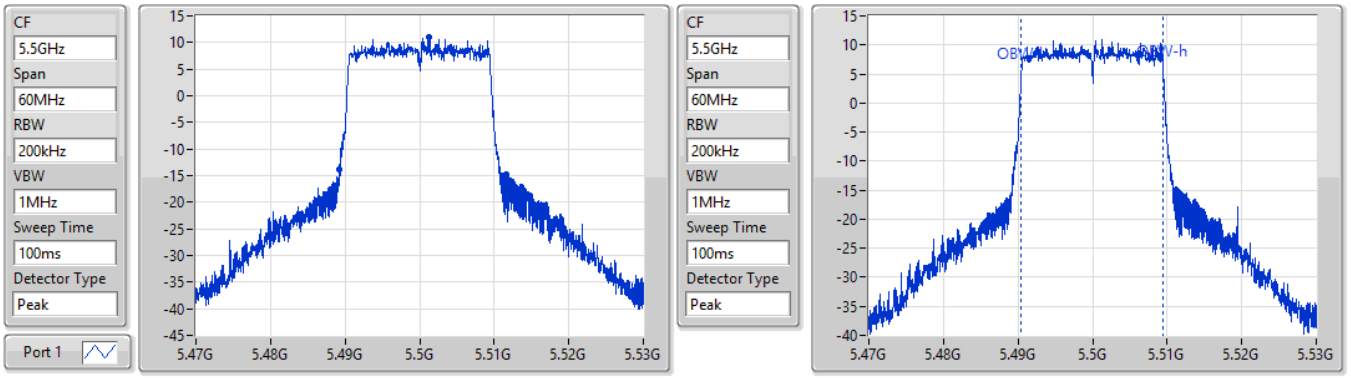
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.51M	5.29966G	5.33617G	19.34M	5.310285G	5.329625G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

15/06/2021



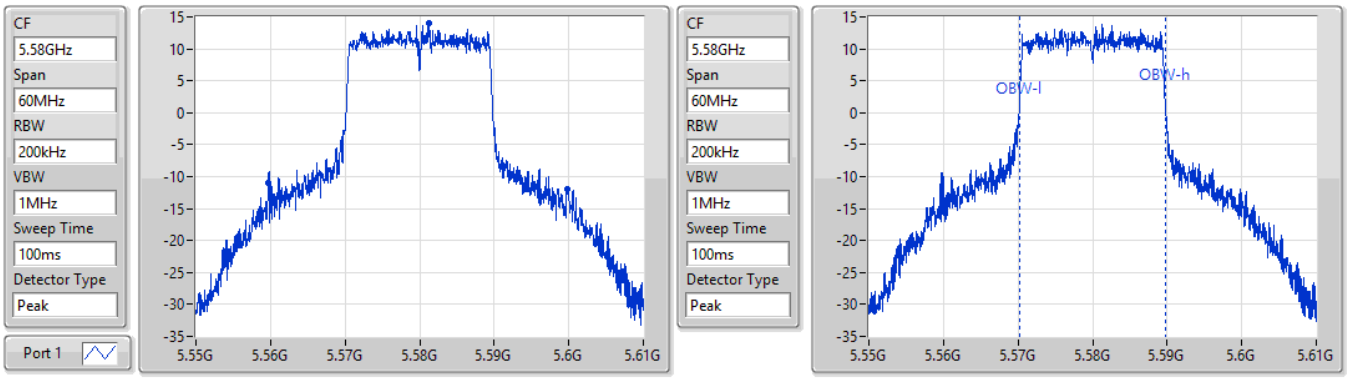
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.47M	5.4892G	5.51167G	19.07M	5.490435G	5.509505G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

15/06/2021



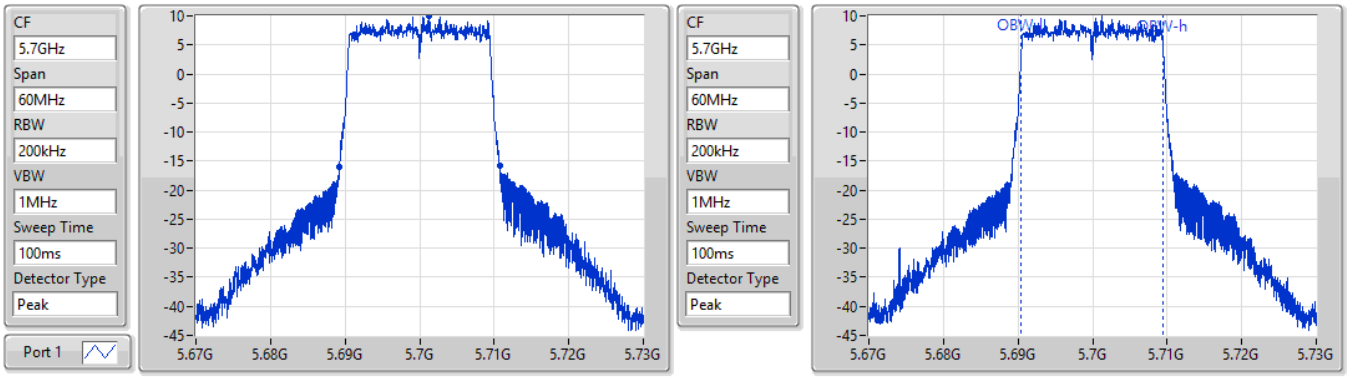
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.55963G	5.59977G	19.55M	5.570165G	5.589715G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5700MHz

15/06/2021



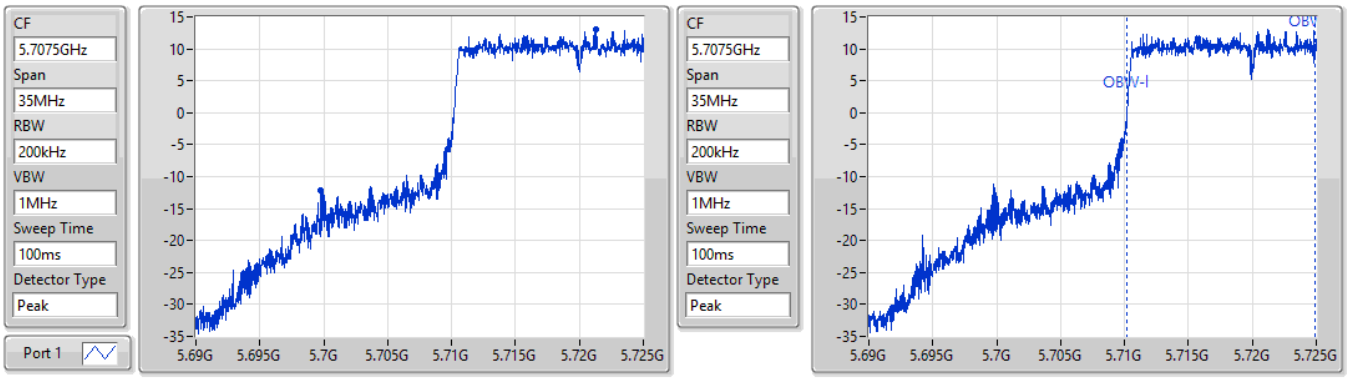
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.68917G	5.7108G	19.04M	5.690465G	5.709505G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.47-5.725GHz

16/06/2021



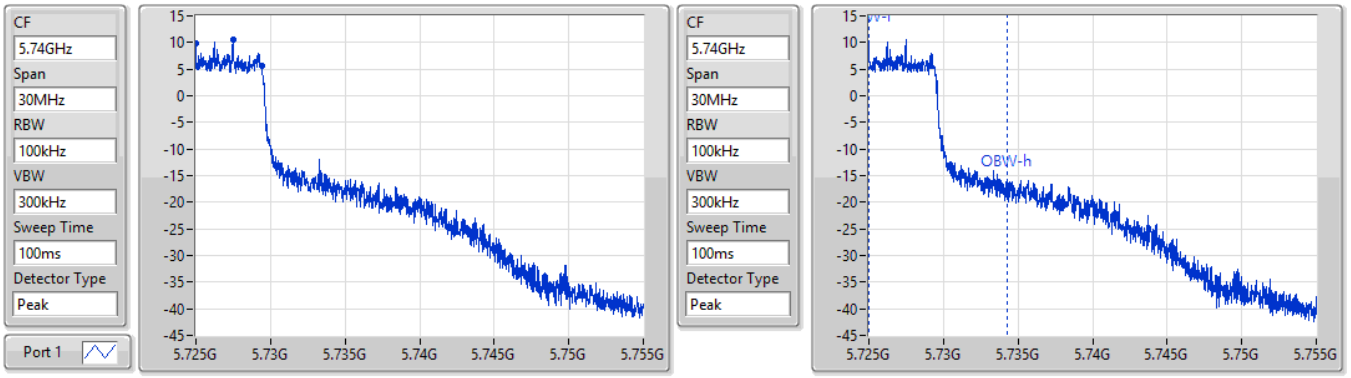
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.27M	5.69973G	5.725G	14.728M	5.710194G	5.724921G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/06/2021



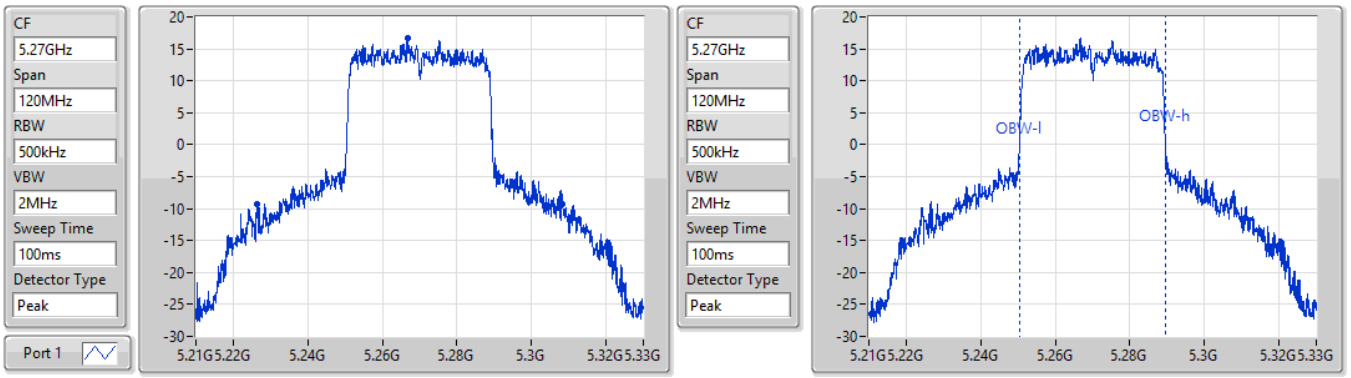
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.455M	5.725G	5.729455G	9.235M	5.725007G	5.734243G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5270MHz

15/06/2021



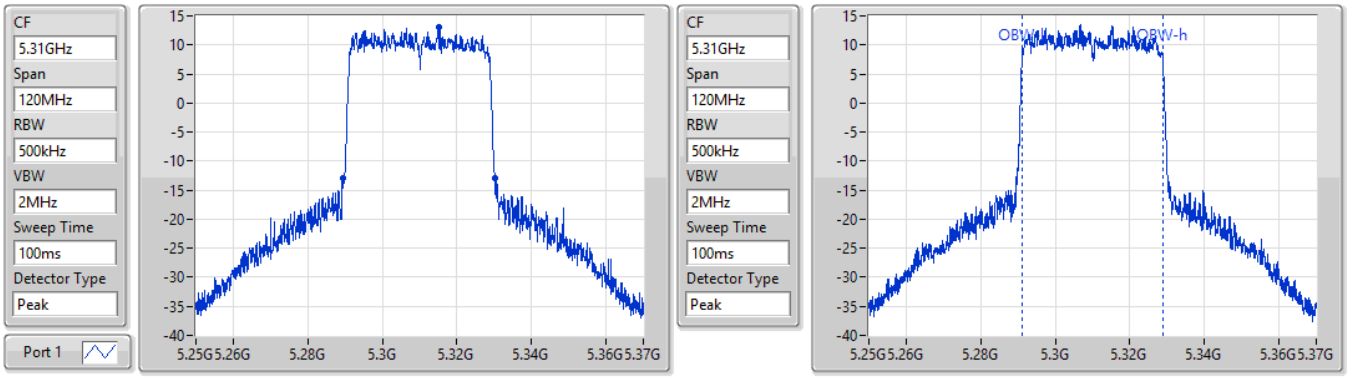
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.2265G	5.30834G	39.16M	5.25039G	5.28955G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5310MHz

15/06/2021



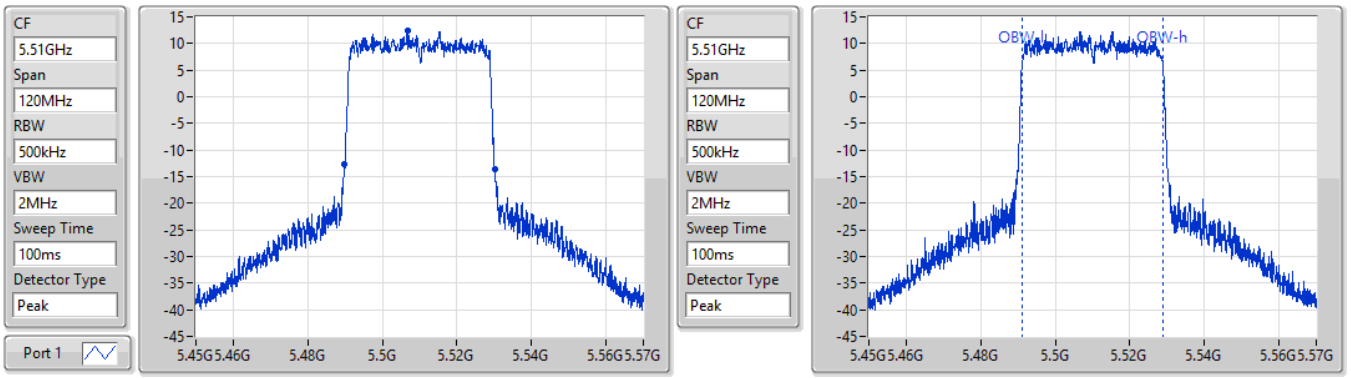
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28942G	5.33016G	37.601M	5.291169G	5.328771G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5510MHz

15/06/2021



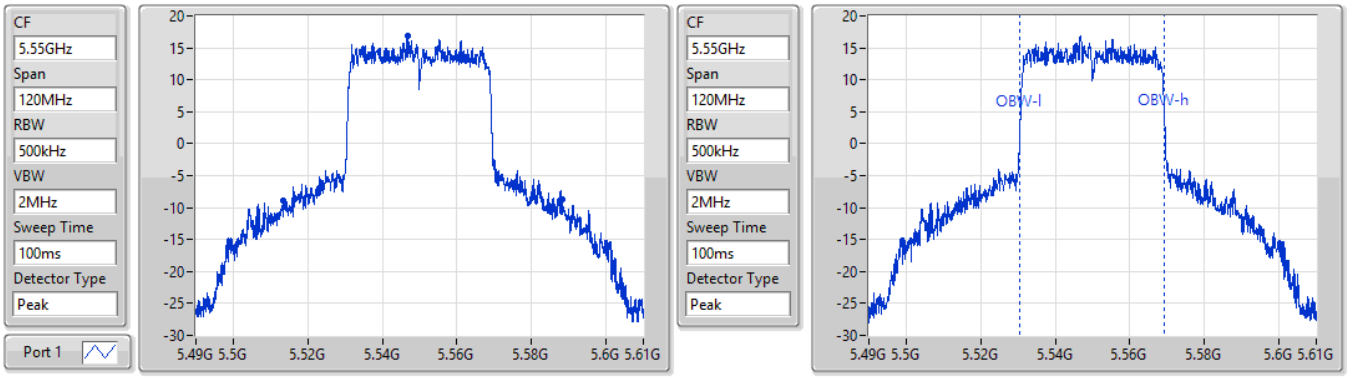
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.4899G	5.5301G	37.541M	5.491229G	5.528771G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5550MHz

15/06/2021



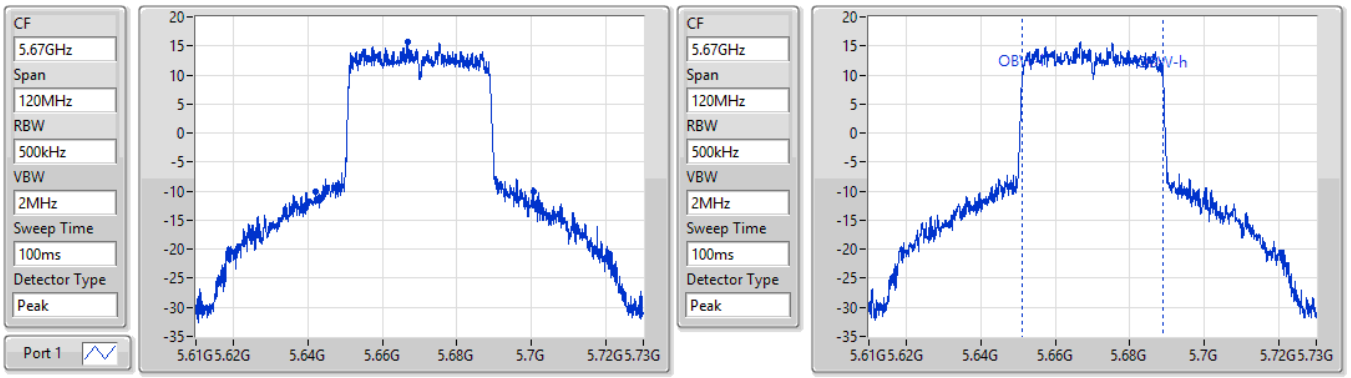
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.88M	5.5134G	5.58828G	38.801M	5.53057G	5.56937G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5670MHz

15/06/2021



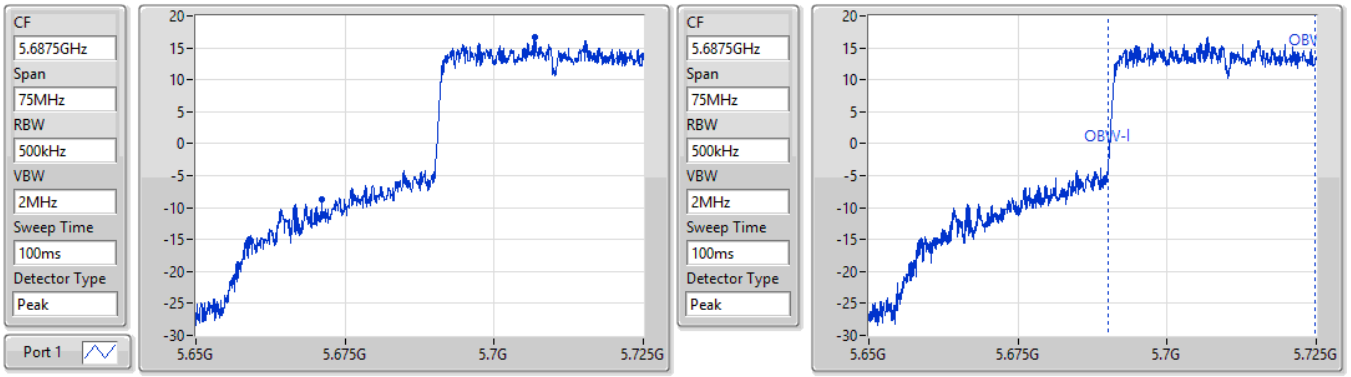
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
58.56M	5.6421G	5.70066G	37.961M	5.65099G	5.688951G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.47-5.725GHz

15/06/2021



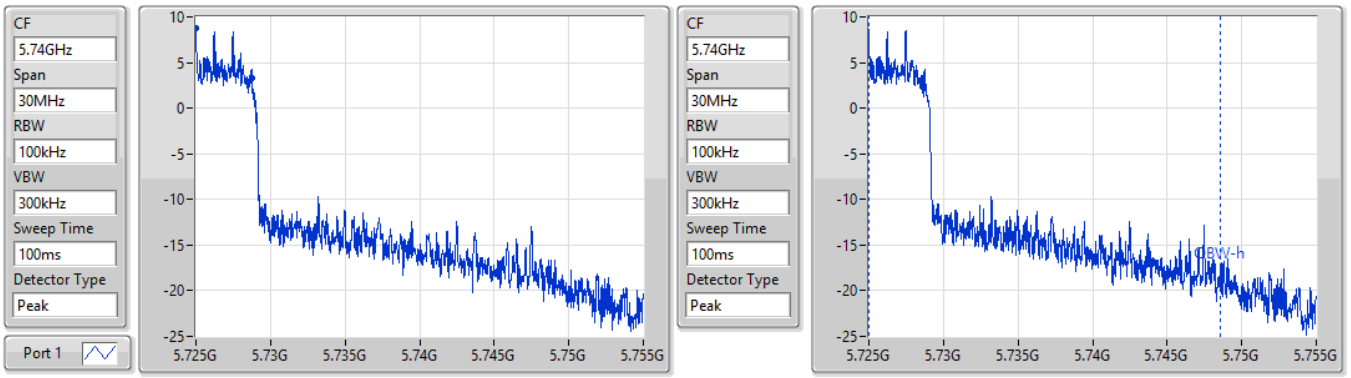
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
53.888M	5.671113G	5.725G	34.595M	5.690199G	5.724794G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

15/06/2021



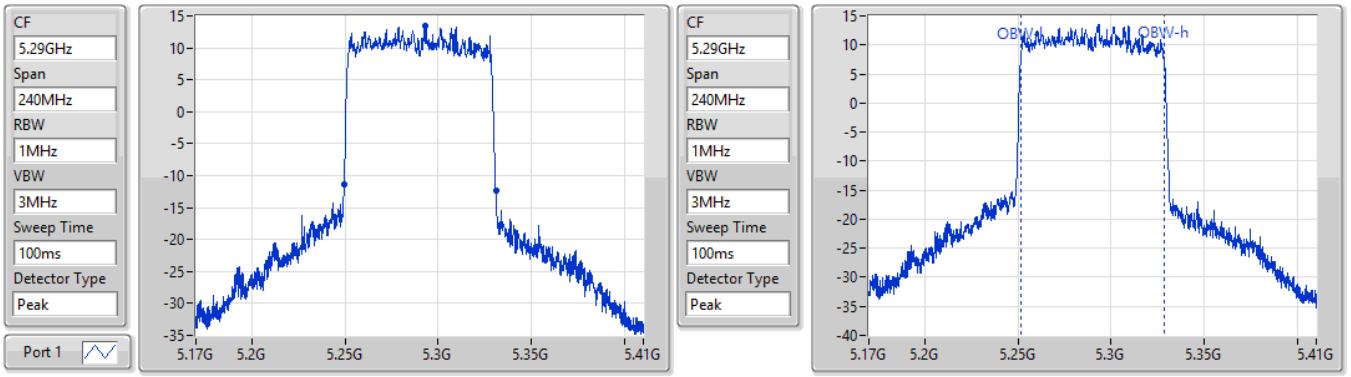
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	23.523M	5.725007G	5.748531G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5290MHz

15/06/2021



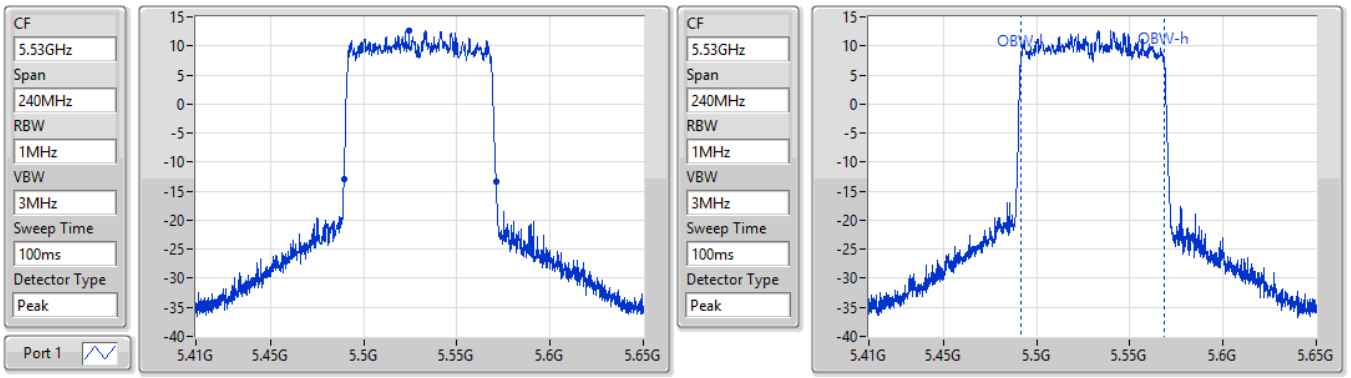
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.24944G	5.3308G	76.882M	5.251499G	5.328381G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5530MHz

15/06/2021



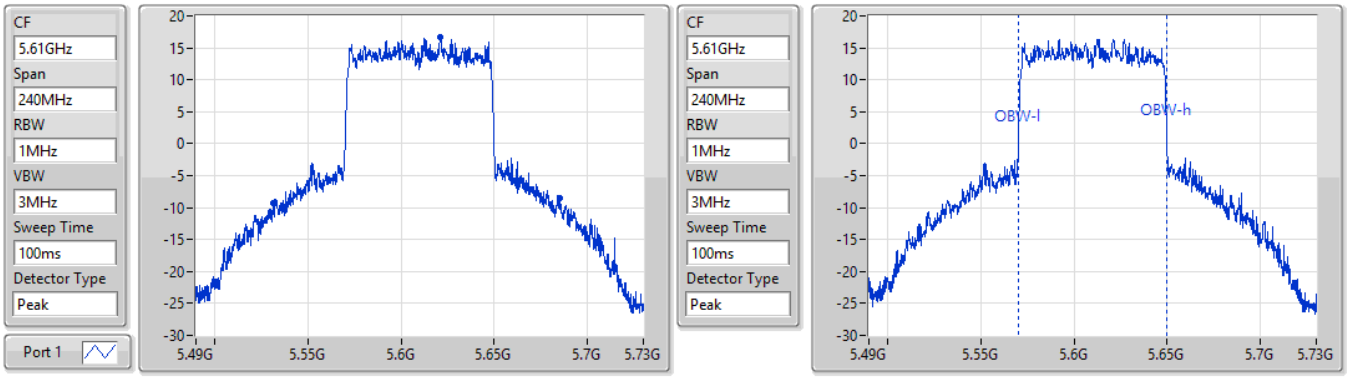
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.48944G	5.57092G	77.001M	5.491499G	5.568501G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5610MHz

15/06/2021



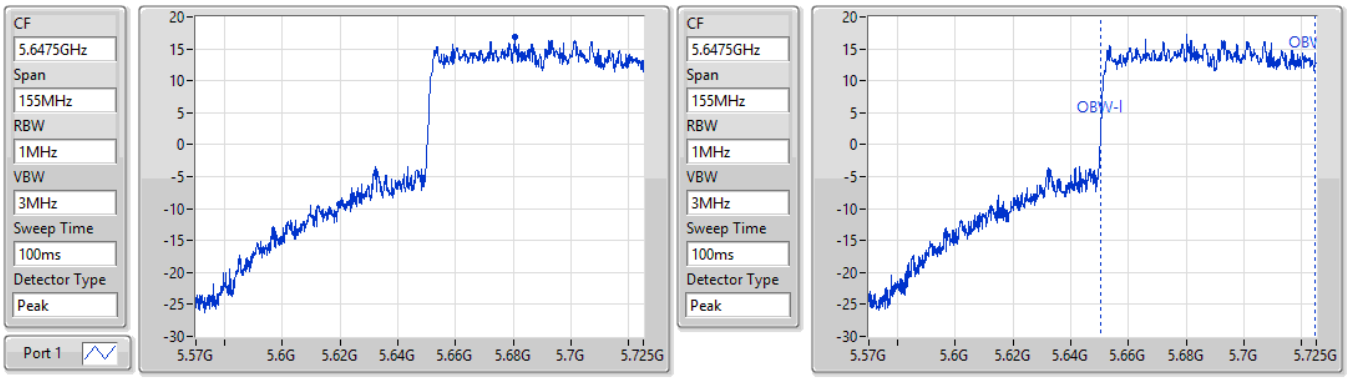
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
153.6M	5.53176G	5.68536G	79.76M	5.57006G	5.64982G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.47-5.725GHz

15/06/2021



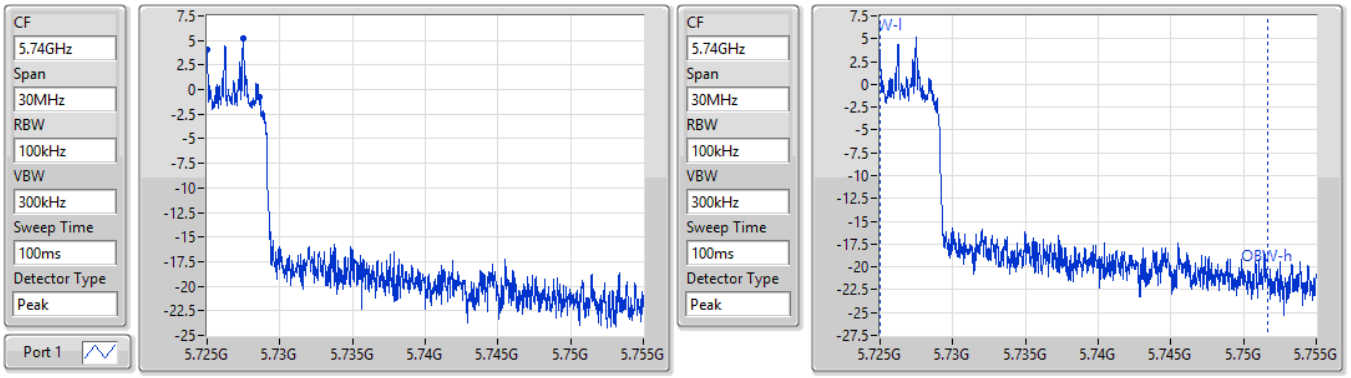
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
105.555M	5.619445G	5.725G	74.208M	5.650366G	5.724574G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

15/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.585M	5.725G	5.728585G	26.642M	5.725007G	5.751649G	500k	1

For Radio 2 / 2T1S
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)_2TX	45.69M	34.543M	34M5D1D	29.55M	17.061M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.38M	41.979M	42M0D1D	3.15M	4.708M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	33.6M	17.181M	29.55M	17.061M
5200MHz	Pass	Inf	45.69M	34.543M	43.23M	26.777M
5240MHz	Pass	Inf	37.38M	18.951M	35.85M	17.691M
5745MHz	Pass	500k	16.32M	34.393M	16.32M	27.256M
5785MHz	Pass	500k	16.38M	41.979M	16.35M	37.721M
5825MHz	Pass	500k	16.35M	40.75M	16.32M	36.972M

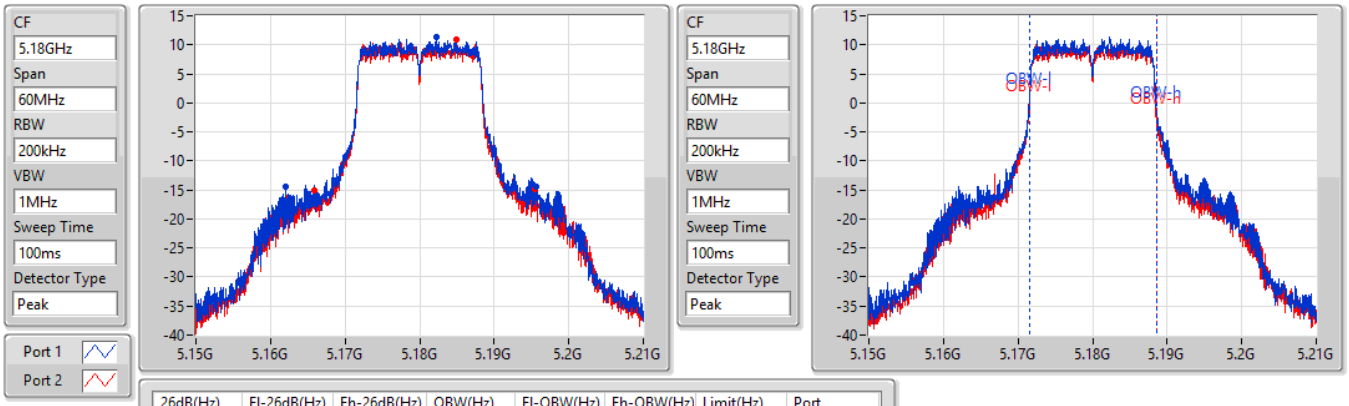
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

15/06/2021



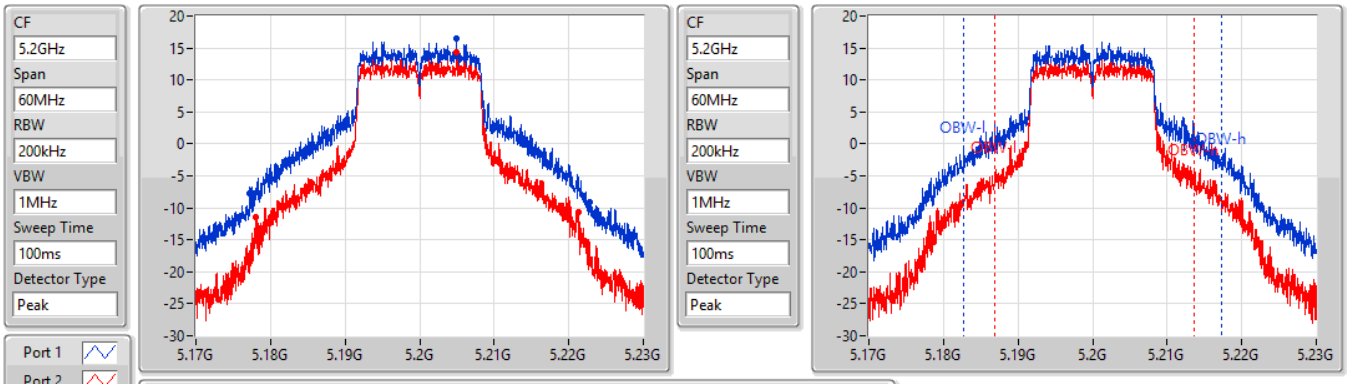
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.6M	5.16203G	5.19563G	17.181M	5.171484G	5.188666G	Inf	1
29.55M	5.16593G	5.19548G	17.061M	5.171514G	5.188576G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

15/06/2021



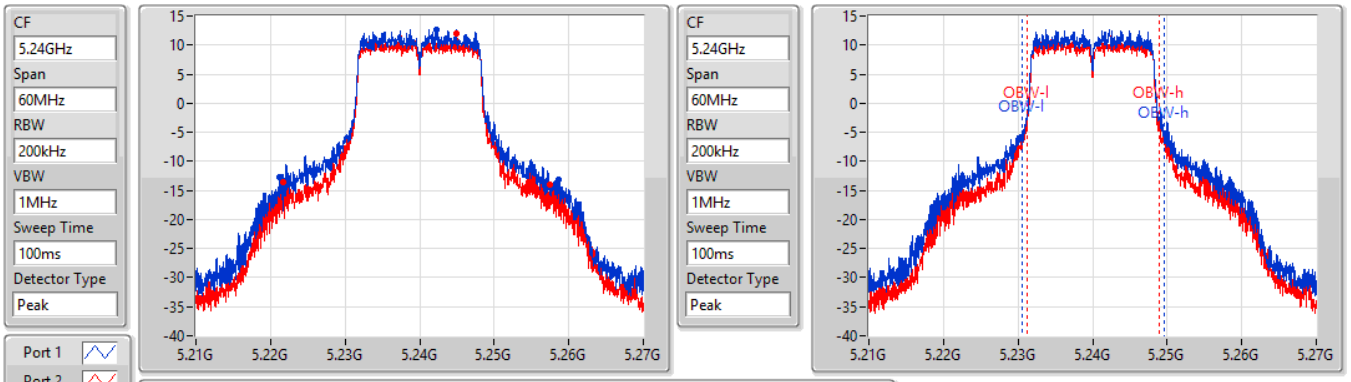
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.69M	5.17714G	5.22283G	34.543M	5.182729G	5.217271G	Inf	1
43.23M	5.17807G	5.2213G	26.777M	5.186837G	5.213613G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

15/06/2021



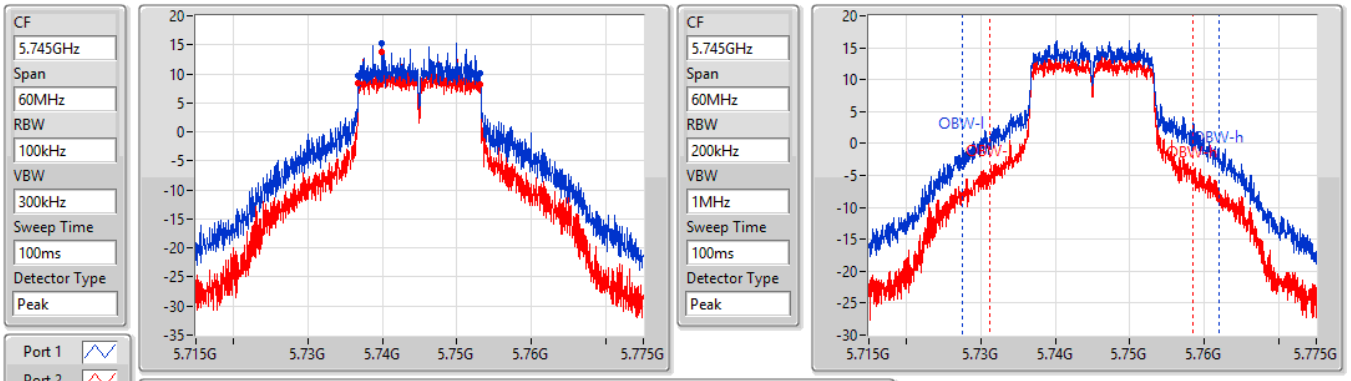
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.22119G	5.25857G	18.951M	5.230615G	5.249565G	Inf	1
35.85M	5.22164G	5.25749G	17.691M	5.231244G	5.248936G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

15/06/2021



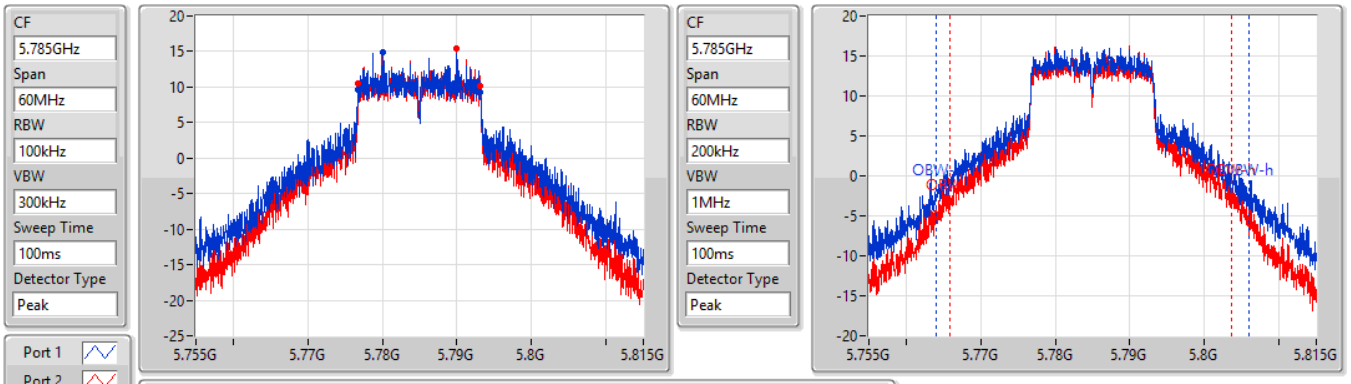
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	34.393M	5.727609G	5.762001G	500k	1
16.32M	5.73681G	5.75313G	27.256M	5.731177G	5.758433G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

15/06/2021



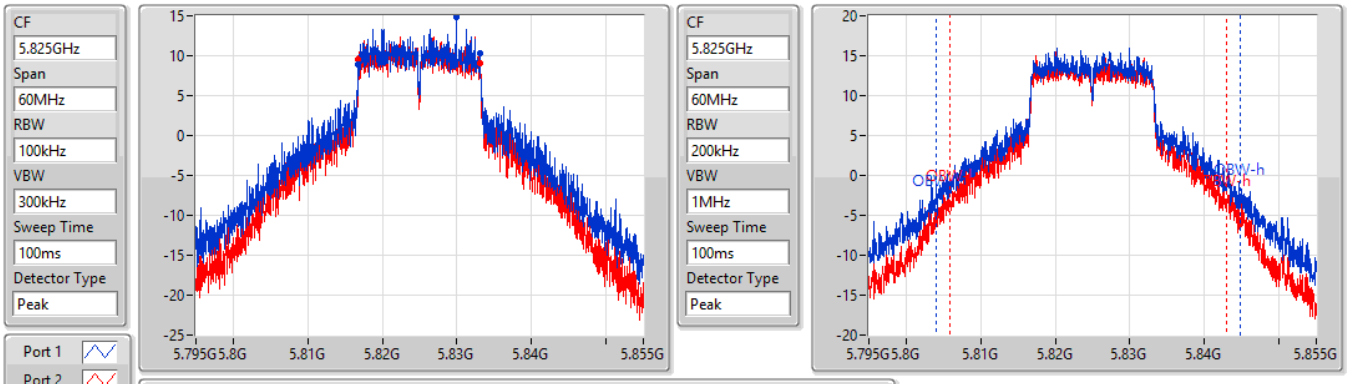
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.38M	5.77678G	5.79316G	41.979M	5.76401G	5.80599G	500k	1
16.35M	5.77681G	5.79316G	37.721M	5.7659G	5.803621G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

15/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	40.75M	5.8041G	5.84485G	500k	1
16.32M	5.81681G	5.83313G	36.972M	5.80593G	5.842901G	500k	2

For Radio 2 / 2T1S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.66M	16.972M	17M0D1D	21.69M	16.792M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.02M	16.852M	16M9D1D	16.013M	13.468M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.15M	5.322M	5M32D1D	3.15M	4.708M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	24.66M	16.972M	24.42M	16.852M
5300MHz	Pass	Inf	21.9M	16.852M	22.2M	16.792M
5320MHz	Pass	Inf	21.69M	16.822M	22.26M	16.792M
5500MHz	Pass	Inf	21.75M	16.852M	22.02M	16.732M
5580MHz	Pass	Inf	21.81M	16.852M	21.87M	16.732M
5700MHz	Pass	Inf	21.33M	16.762M	21.69M	16.672M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.765M	13.538M	16.013M	13.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	5.322M	3.15M	4.708M

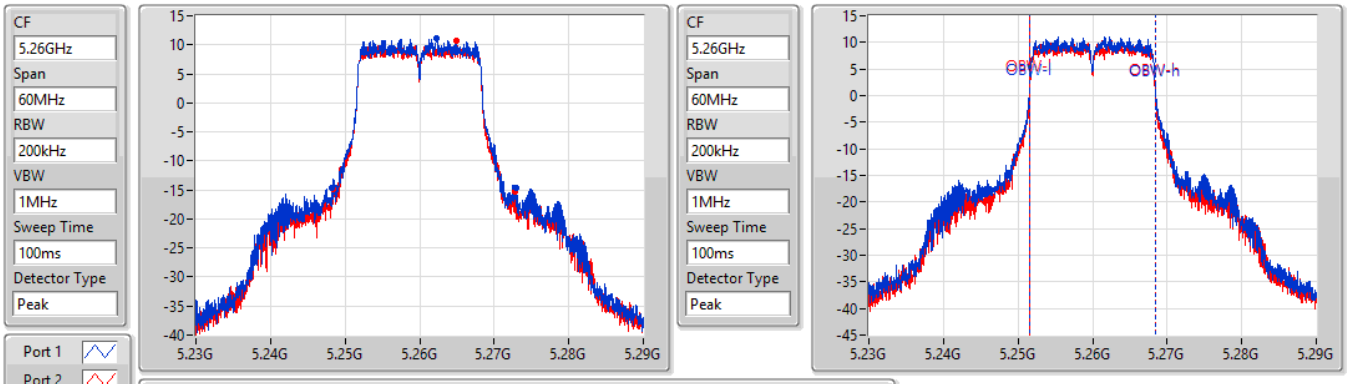
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

15/06/2021



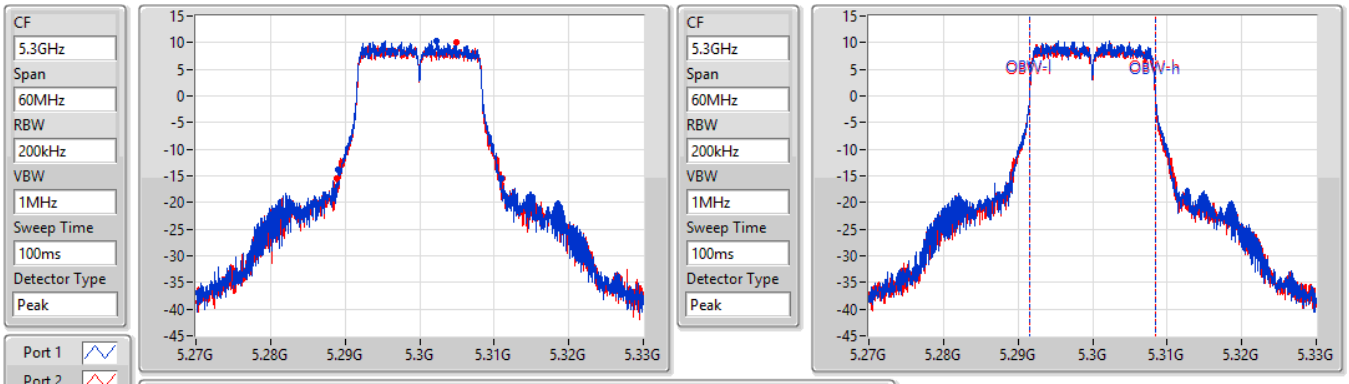
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.66M	5.24824G	5.2729G	16.972M	5.251544G	5.268516G	Inf	1
24.42M	5.24839G	5.27281G	16.852M	5.251574G	5.268426G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

15/06/2021



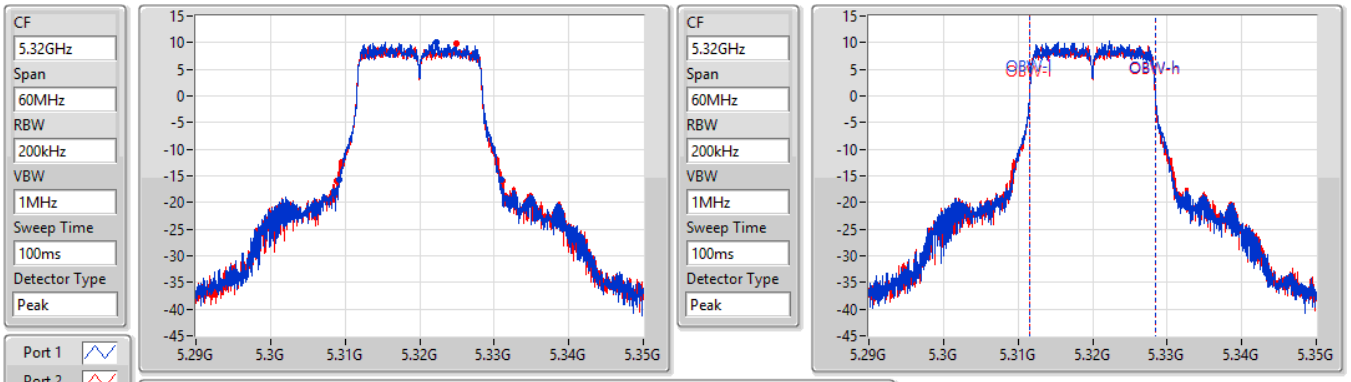
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.28908G	5.31098G	16.852M	5.291574G	5.308426G	Inf	1
22.2M	5.28896G	5.31116G	16.792M	5.291574G	5.308366G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

15/06/2021



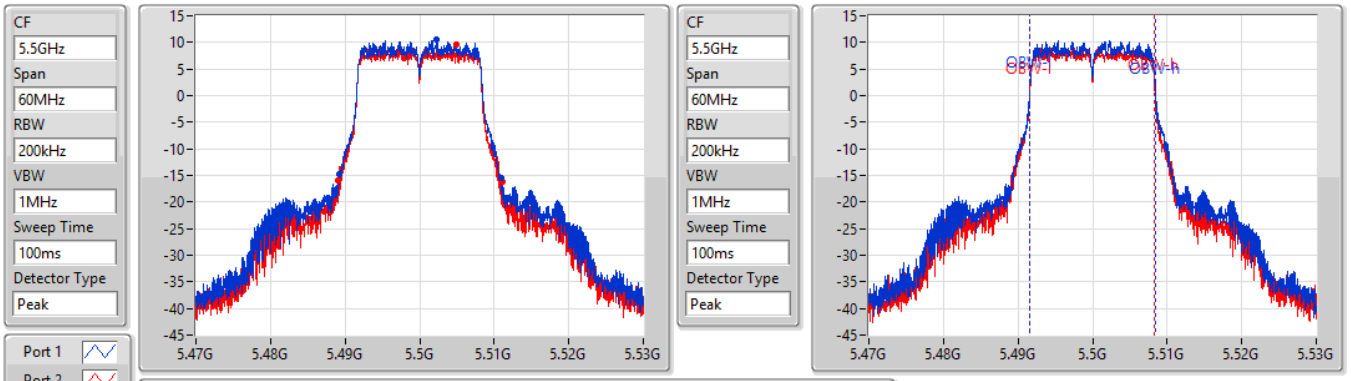
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.30923G	5.33092G	16.822M	5.311604G	5.328426G	Inf	1
22.26M	5.30893G	5.33119G	16.792M	5.311574G	5.328366G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

15/06/2021



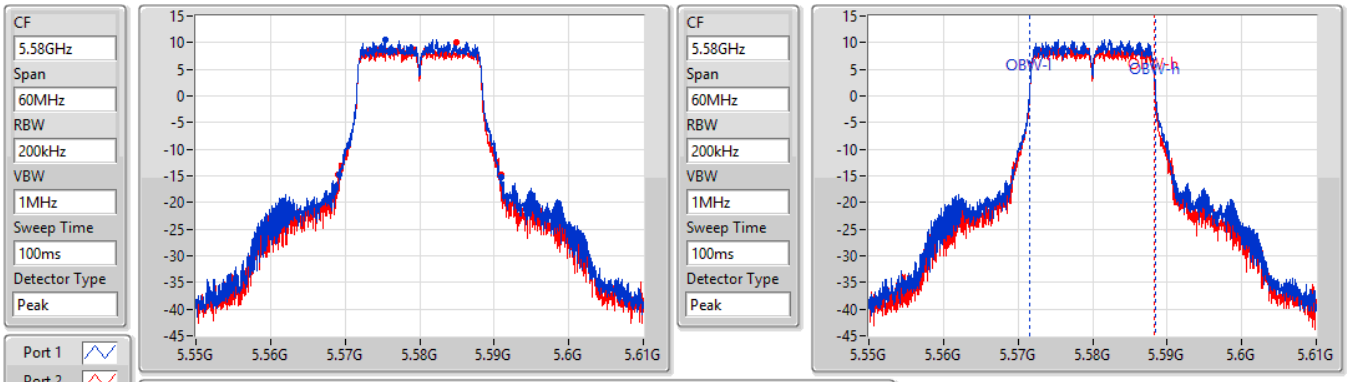
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.48923G	5.51098G	16.852M	5.491604G	5.508456G	Inf	1
22.02M	5.48902G	5.51104G	16.732M	5.491604G	5.508336G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

15/06/2021



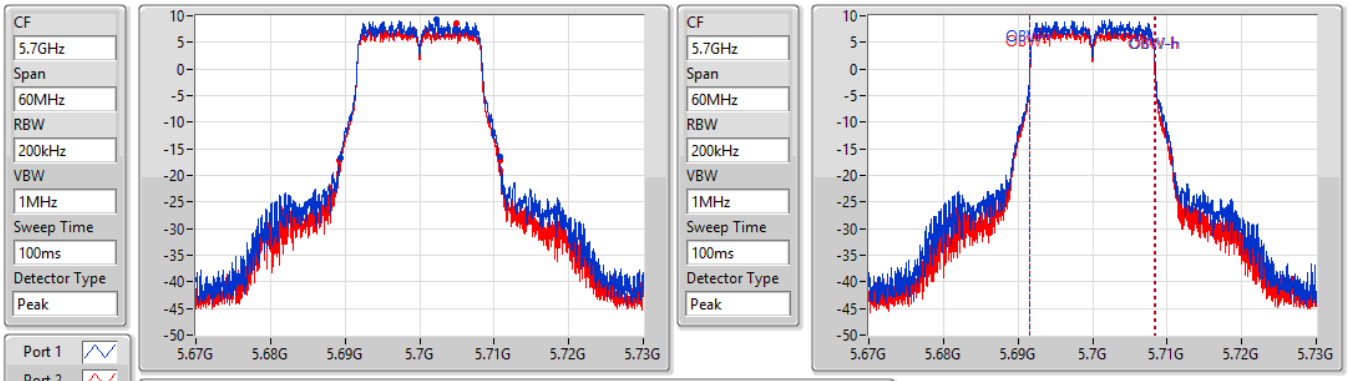
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.5692G	5.59101G	16.852M	5.571604G	5.588456G	Inf	1
21.87M	5.56908G	5.59095G	16.732M	5.571604G	5.588336G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

15/06/2021



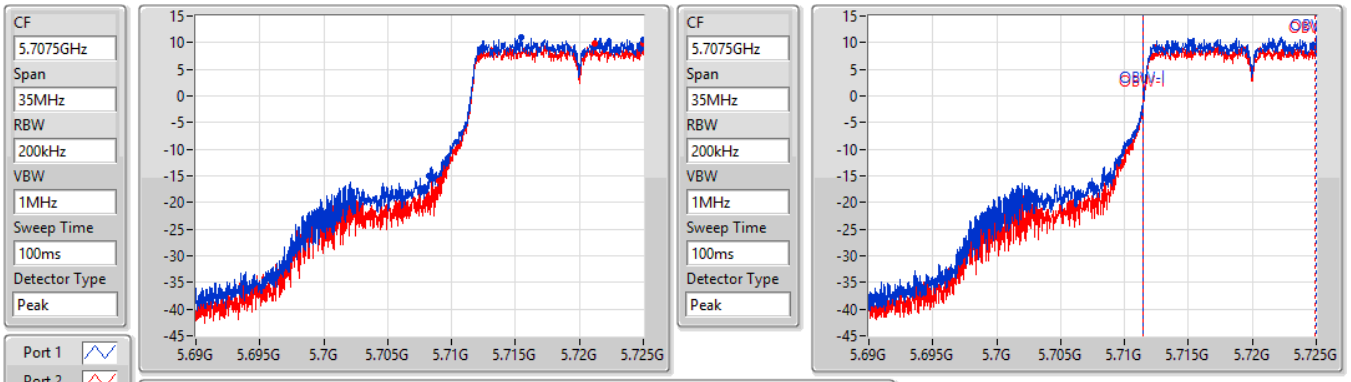
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.68938G	5.71071G	16.762M	5.691634G	5.708396G	Inf	1
21.69M	5.68917G	5.71086G	16.672M	5.691634G	5.708306G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/06/2021



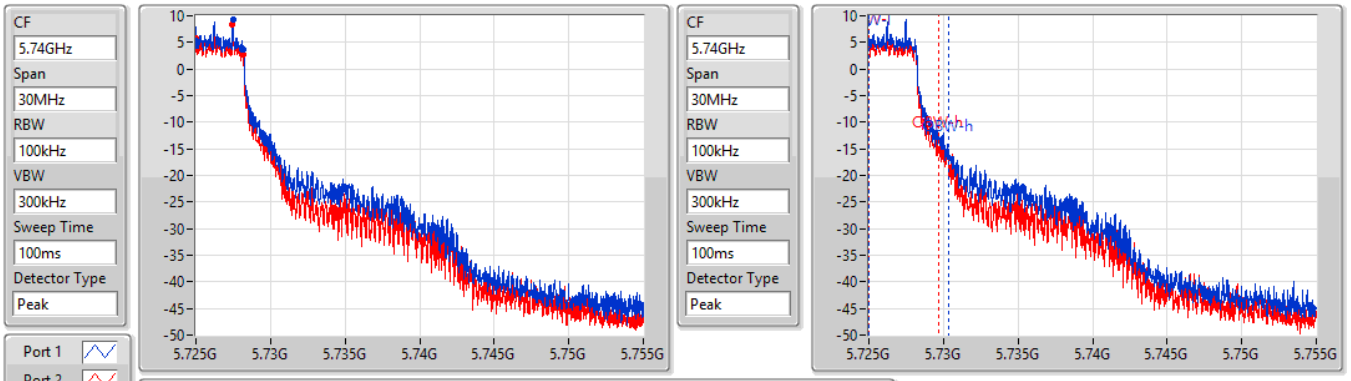
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.765M	5.708235G	5.725G	13.538M	5.711418G	5.724956G	Inf	1
16.013M	5.708988G	5.725G	13.468M	5.711471G	5.724939G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.15M	5.725G	5.72815G	5.322M	5.725022G	5.730345G	500k	1
3.15M	5.725G	5.72815G	4.708M	5.725007G	5.729715G	500k	2

For Radio 2 / 2T2S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	48.99M	31.004M	31M0D1D	23.64M	19.16M
802.11ax HEW40_Nss2,(MCS0)_2TX	81.72M	40.6M	40M6D1D	39.96M	37.601M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.48M	77.121M	77M1D1D	81.48M	77.001M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.84M	45.787M	45M8D1D	4.395M	4.843M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.62M	73.883M	73M9D1D	3.66M	4.528M
802.11ax HEW80_Nss2,(MCS0)_2TX	76.2M	77.481M	77M5D1D	3.315M	5.367M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.28M	19.16M	23.64M	19.19M
5200MHz	Pass	Inf	48.99M	31.004M	44.67M	24.258M
5240MHz	Pass	Inf	41.4M	19.94M	31.98M	19.4M
5745MHz	Pass	500k	18.54M	37.721M	18.84M	29.055M
5785MHz	Pass	500k	18.18M	45.787M	18.75M	42.009M
5825MHz	Pass	500k	18.39M	44.138M	18.75M	41.139M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	48.42M	37.661M	39.96M	37.601M
5230MHz	Pass	Inf	81.72M	40.6M	63.36M	38.081M
5755MHz	Pass	500k	37.62M	54.933M	37.32M	43.418M
5795MHz	Pass	500k	37.56M	73.883M	37.2M	62.309M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	77.001M	81.48M	77.121M
5775MHz	Pass	500k	76.08M	77.241M	76.2M	77.481M

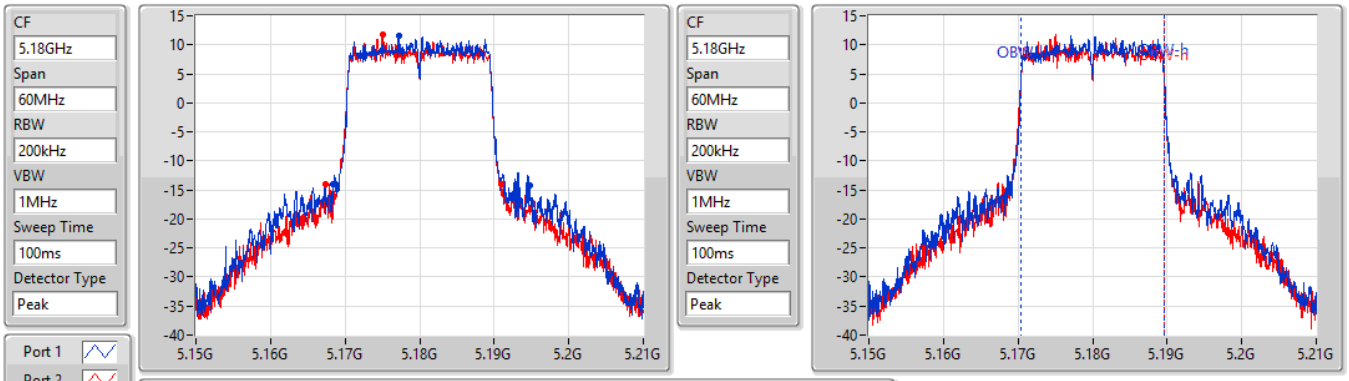
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

15/06/2021



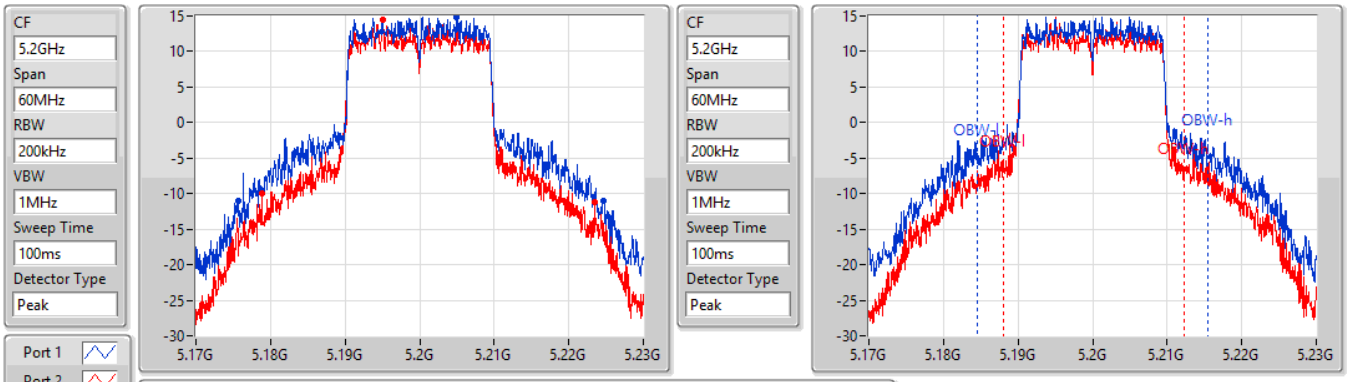
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.28M	5.16845G	5.19473G	19.16M	5.170435G	5.189595G	Inf	1
23.64M	5.16731G	5.19095G	19.19M	5.170405G	5.189595G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5200MHz

15/06/2021



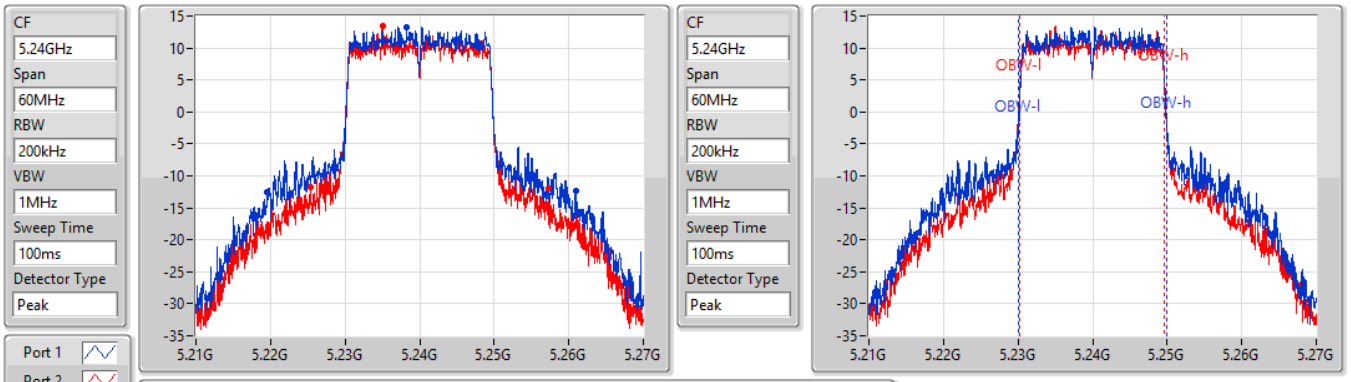
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.99M	5.17567G	5.22466G	31.004M	5.184468G	5.215472G	Inf	1
44.67M	5.17879G	5.22346G	24.258M	5.188096G	5.212354G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5240MHz

15/06/2021



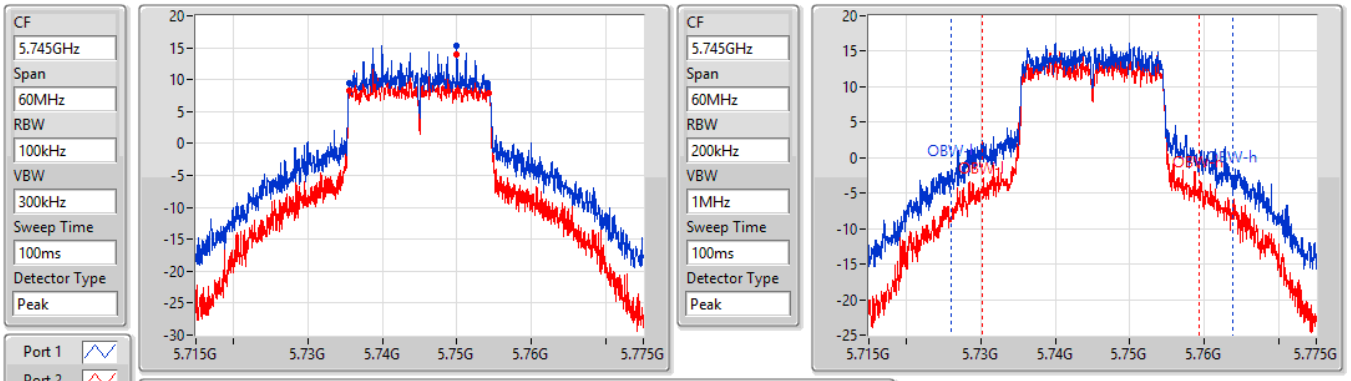
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.4M	5.21957G	5.26097G	19.94M	5.229985G	5.249925G	Inf	1
31.98M	5.2253G	5.25728G	19.4M	5.230255G	5.249655G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5745MHz

15/06/2021



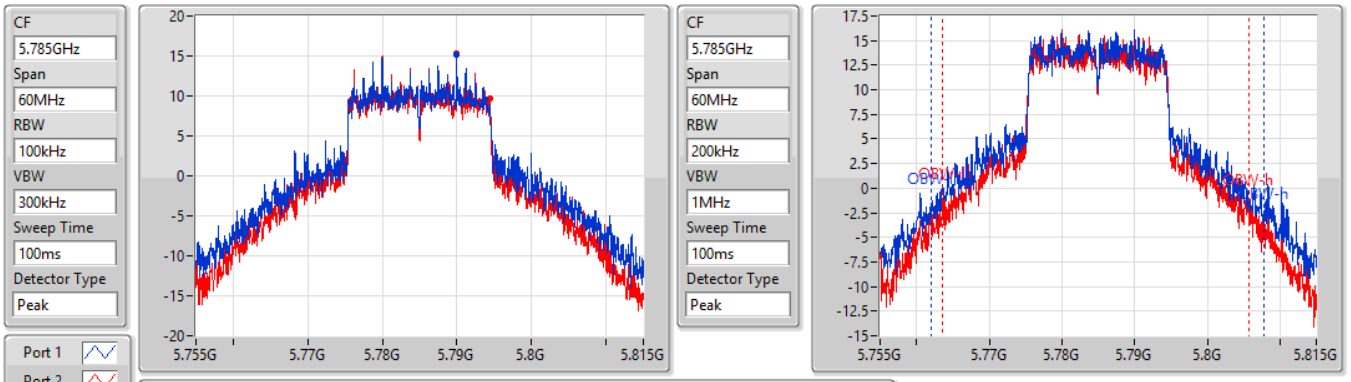
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.54M	5.73564G	5.75418G	37.721M	5.726019G	5.763741G	500k	1
18.84M	5.73549G	5.75433G	29.055M	5.730187G	5.759243G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5785MHz

15/06/2021



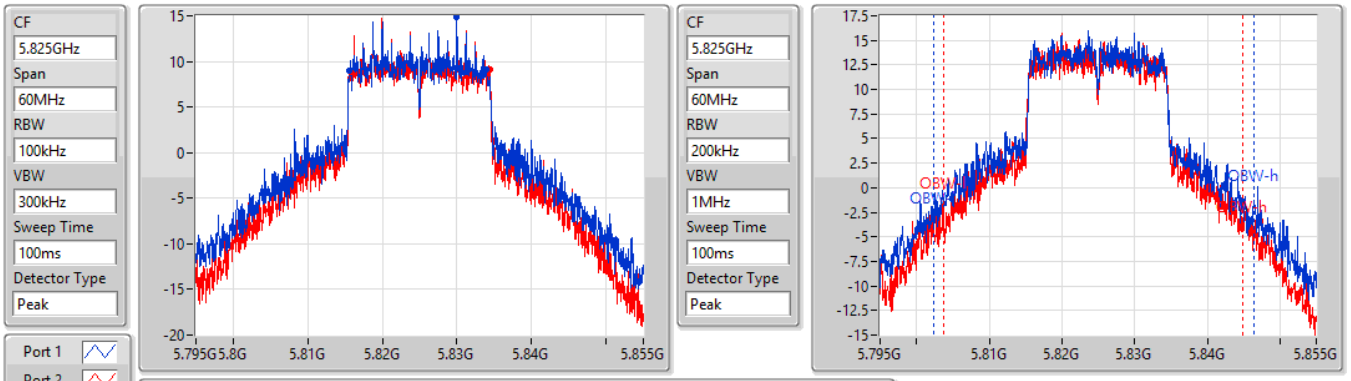
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.18M	5.77567G	5.79385G	45.787M	5.762091G	5.807879G	500k	1
18.75M	5.7757G	5.79445G	42.009M	5.763651G	5.80566G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5825MHz

15/06/2021



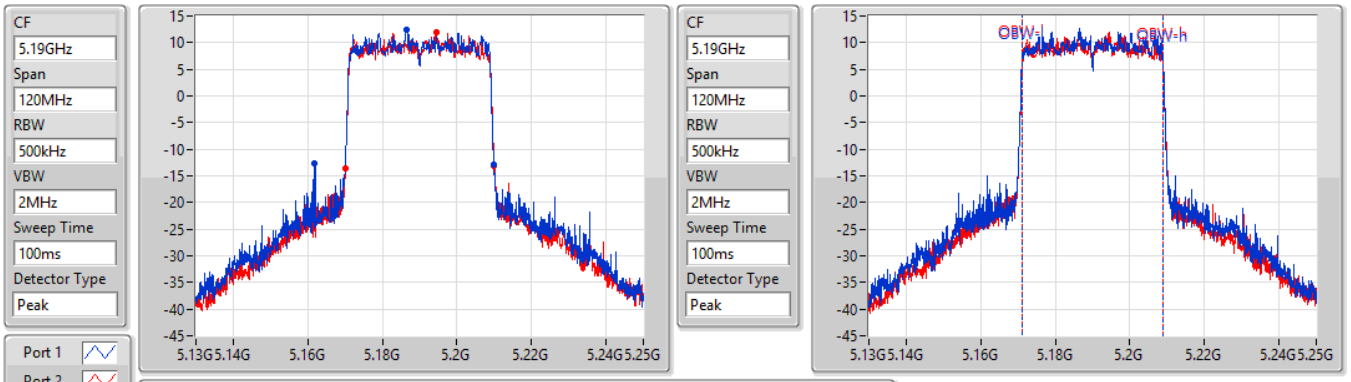
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.39M	5.81549G	5.83388G	44.138M	5.802331G	5.846469G	500k	1
18.75M	5.8157G	5.83445G	41.139M	5.803681G	5.84482G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5190MHz

15/06/2021



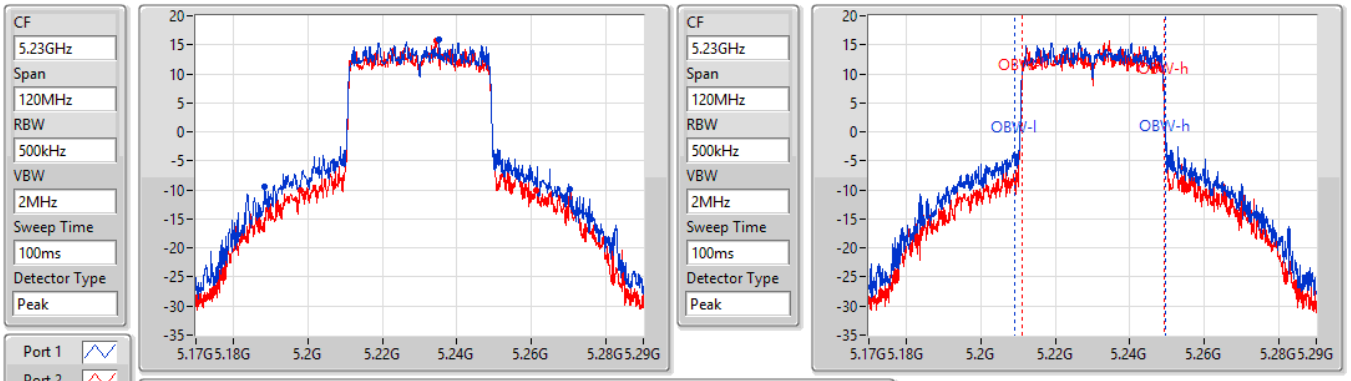
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.42M	5.16162G	5.21004G	37.661M	5.171169G	5.208831G	Inf	1
39.96M	5.17008G	5.21004G	37.601M	5.171169G	5.208771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

15/06/2021



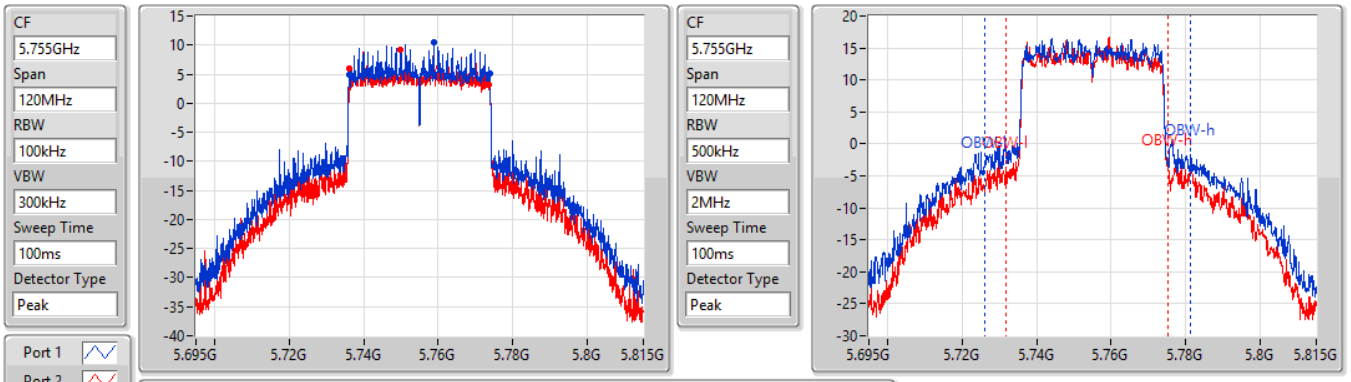
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.18848G	5.2702G	40.6M	5.20907G	5.24967G	Inf	1
63.36M	5.19802G	5.26138G	38.081M	5.21099G	5.24907G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5755MHz

15/06/2021



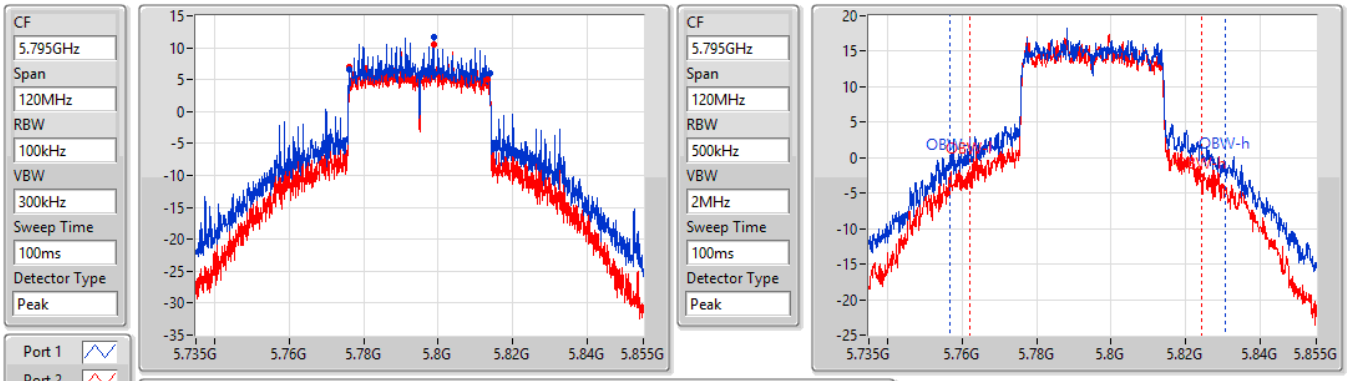
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.7361G	5.77372G	54.933M	5.726214G	5.781147G	500k	1
37.32M	5.73616G	5.77348G	43.418M	5.731852G	5.77527G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5795MHz

15/06/2021



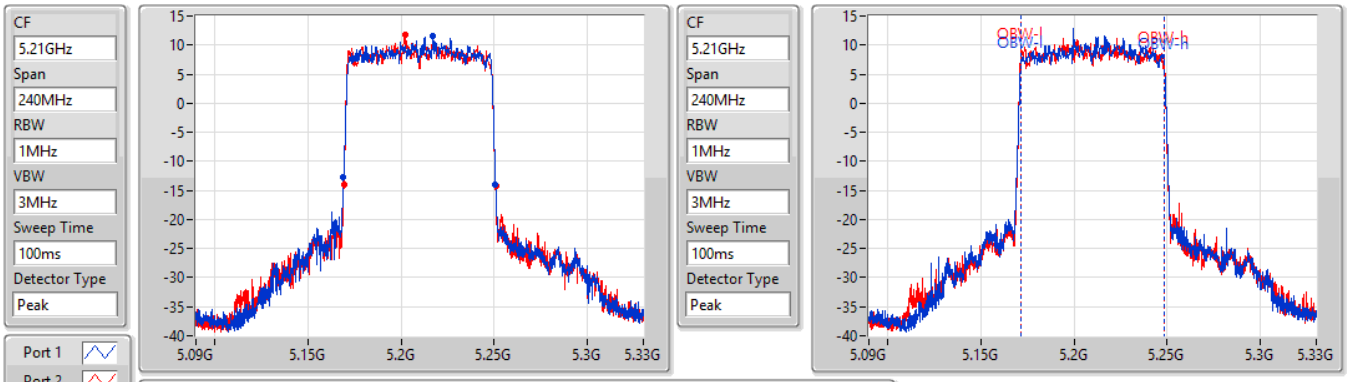
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.77616G	5.81372G	73.883M	5.756619G	5.830502G	500k	1
37.2M	5.77616G	5.81336G	62.309M	5.761957G	5.824265G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

15/06/2021



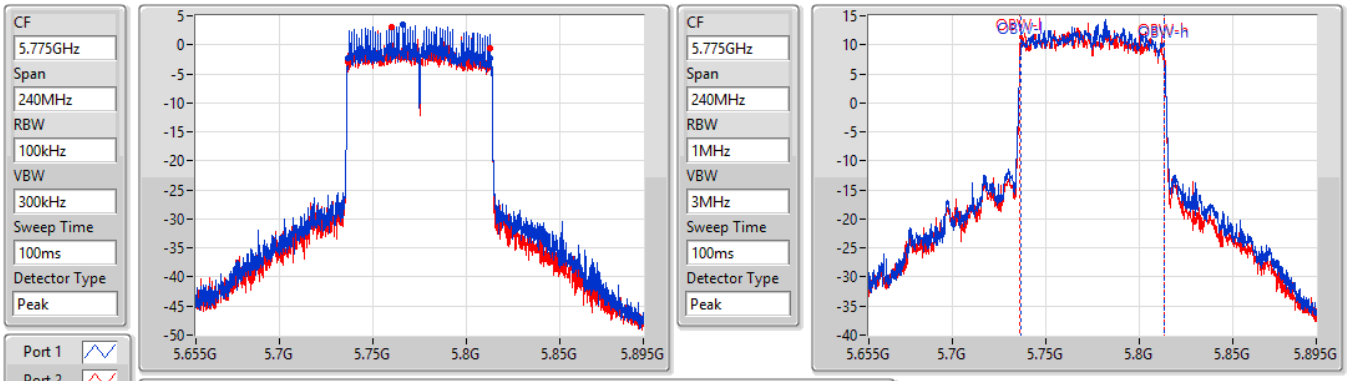
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.1692G	5.25068G	77.001M	5.171499G	5.248501G	Inf	1
81.48M	5.16932G	5.2508G	77.121M	5.171379G	5.248501G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5775MHz

15/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.73684G	5.81292G	77.241M	5.736259G	5.813501G	500k	1
76.2M	5.73636G	5.81256G	77.481M	5.736139G	5.813621G	500k	2

For Radio 2 / 2T2S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	31.38M	19.22M	19M2D1D	21.48M	19.16M
802.11ax HEW40_Nss2,(MCS0)_2TX	56.46M	37.901M	37M9D1D	39.96M	37.601M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.6M	77.121M	77M1D1D	81.24M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	25.98M	19.16M	19M2D1D	17.675M	14.64M
802.11ax HEW40_Nss2,(MCS0)_2TX	58.92M	37.781M	37M8D1D	34.95M	33.733M
802.11ax HEW80_Nss2,(MCS0)_2TX	113.4M	77.481M	77M5D1D	75.718M	73.123M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	4.47M	6.507M	6M51D1D	4.395M	4.843M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.765M	12.099M	12M1D1D	3.66M	4.528M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.9M	16.582M	16M6D1D	3.315M	5.367M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	31.38M	19.19M	23.67M	19.19M
5300MHz	Pass	Inf	31.35M	19.16M	23.61M	19.22M
5320MHz	Pass	Inf	26.13M	19.16M	21.48M	19.19M
5500MHz	Pass	Inf	21.93M	19.1M	21.57M	19.13M
5580MHz	Pass	Inf	25.98M	19.16M	21.6M	19.13M
5700MHz	Pass	Inf	21.42M	19.1M	21.39M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.17M	14.675M	17.675M	14.64M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.47M	6.507M	4.395M	4.843M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	56.46M	37.901M	51.12M	37.721M
5310MHz	Pass	Inf	39.96M	37.601M	40.02M	37.601M
5510MHz	Pass	Inf	39.9M	37.541M	39.96M	37.601M
5550MHz	Pass	Inf	58.92M	37.781M	45.66M	37.721M
5670MHz	Pass	Inf	48.54M	37.721M	39.96M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	42.975M	33.771M	34.95M	33.733M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.765M	12.099M	3.66M	4.528M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	76.882M	81.24M	77.121M
5530MHz	Pass	Inf	81.48M	76.882M	81.36M	77.241M
5610MHz	Pass	Inf	113.4M	77.481M	81.6M	77.481M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	93.465M	73.123M	75.718M	73.201M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	16.582M	3.315M	5.367M

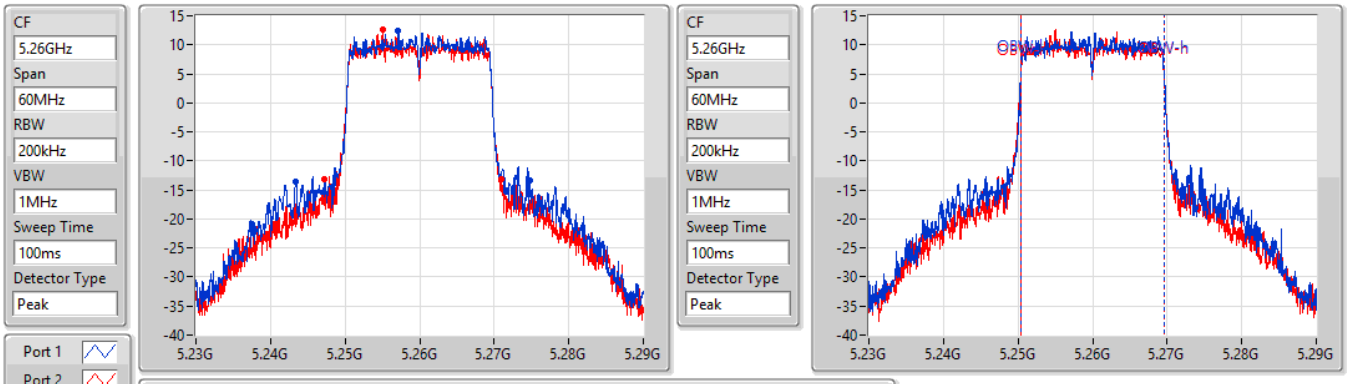
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5260MHz

15/06/2021



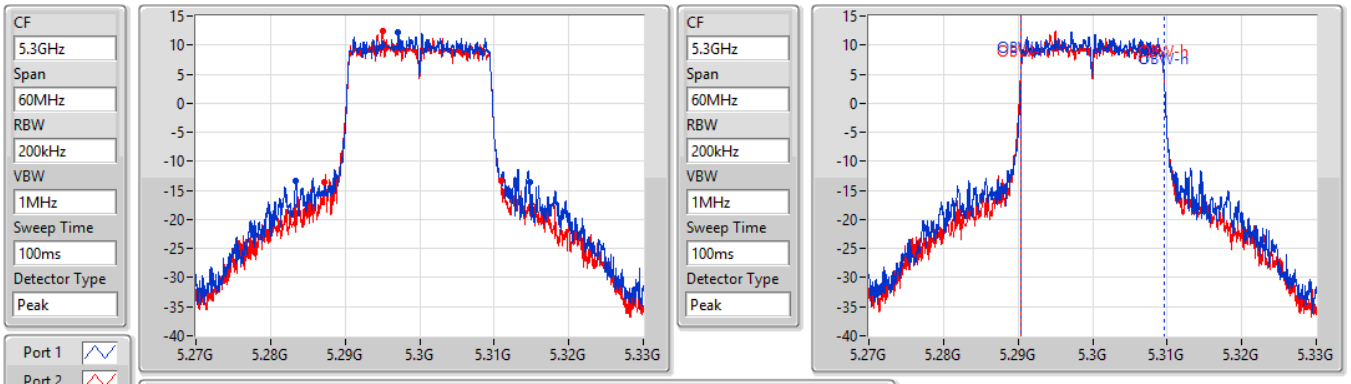
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.38M	5.24335G	5.27473G	19.19M	5.250405G	5.269595G	Inf	1
23.67M	5.24728G	5.27095G	19.19M	5.250375G	5.269565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5300MHz

15/06/2021



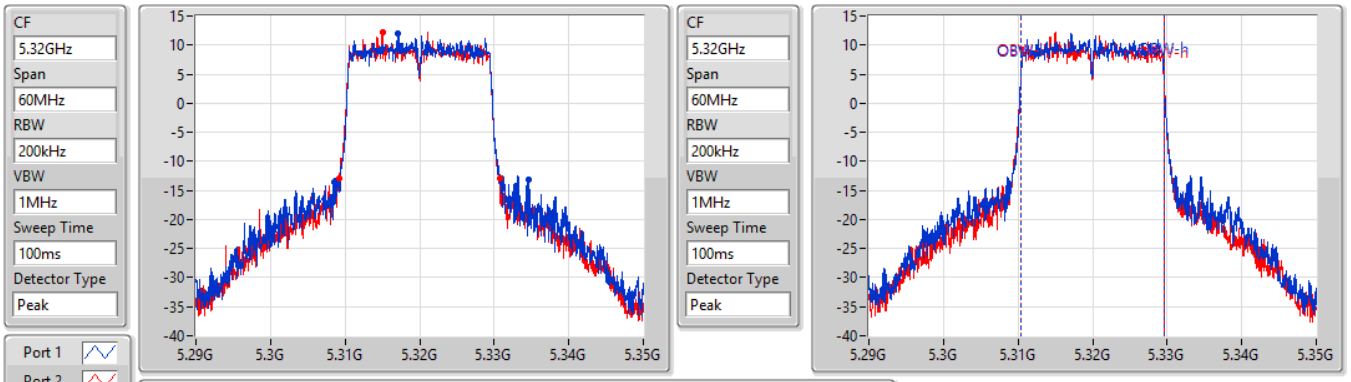
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.35M	5.28338G	5.31473G	19.16M	5.290405G	5.309565G	Inf	1
23.61M	5.28728G	5.31089G	19.22M	5.290345G	5.309565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

15/06/2021



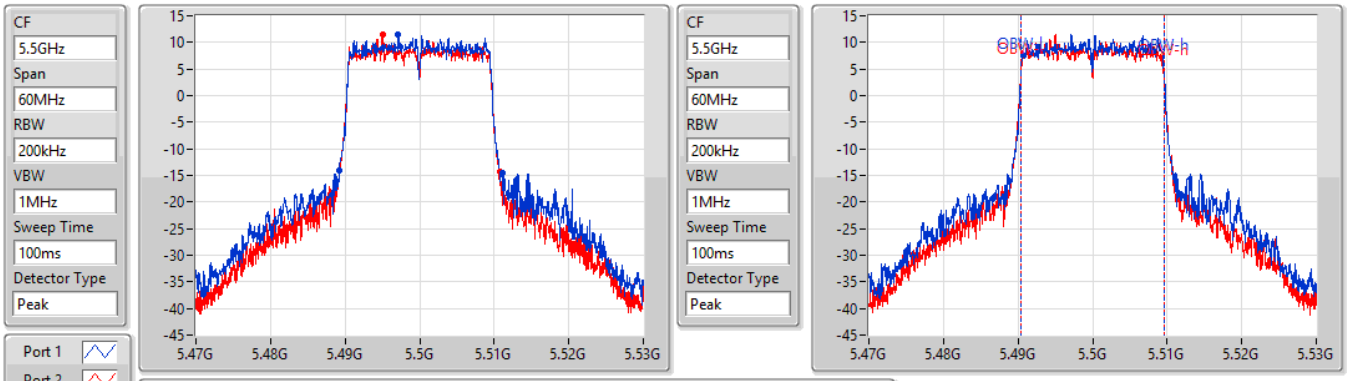
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.13M	5.30848G	5.33461G	19.16M	5.310405G	5.329565G	Inf	1
21.48M	5.30926G	5.33074G	19.19M	5.310375G	5.329565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

15/06/2021



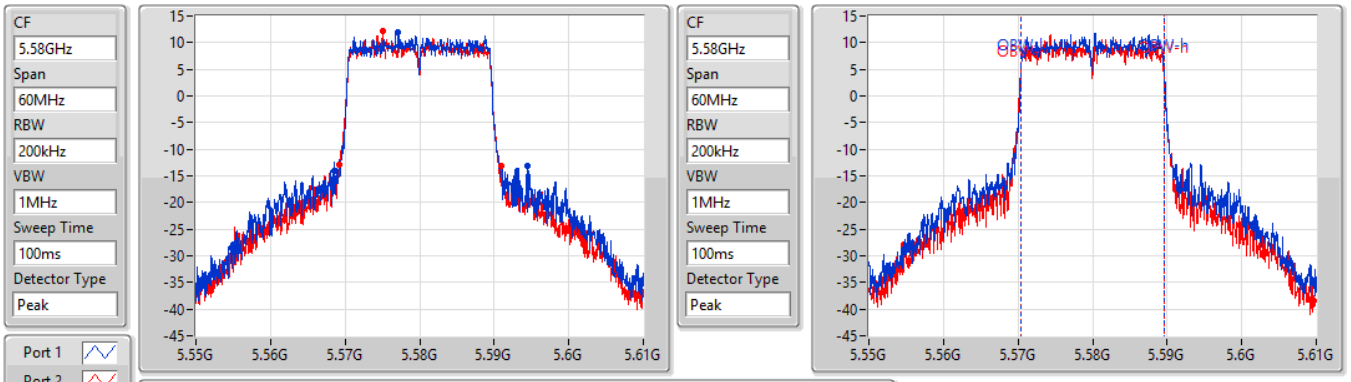
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.48923G	5.51116G	19.1M	5.490435G	5.509535G	Inf	1
21.57M	5.48923G	5.5108G	19.13M	5.490405G	5.509535G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

15/06/2021



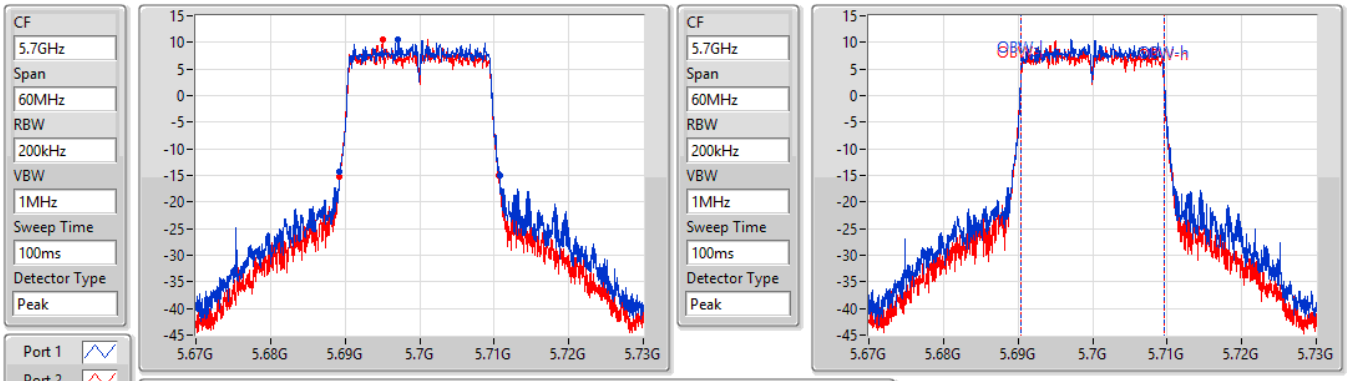
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.98M	5.56848G	5.59446G	19.16M	5.570405G	5.589565G	Inf	1
21.6M	5.56929G	5.59089G	19.13M	5.570405G	5.589535G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5700MHz

15/06/2021



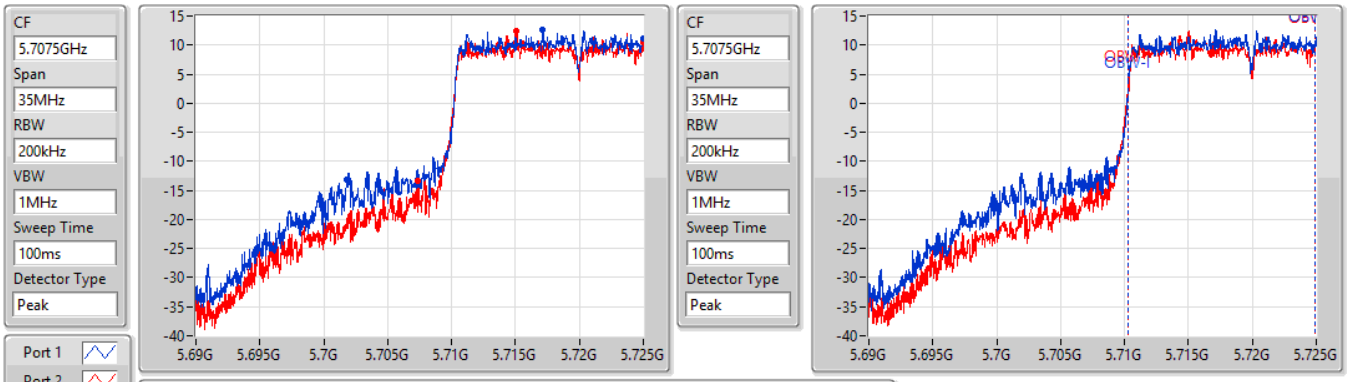
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.68929G	5.71071G	19.1M	5.690435G	5.709535G	Inf	1
21.39M	5.68929G	5.71068G	19.1M	5.690435G	5.709535G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/06/2021



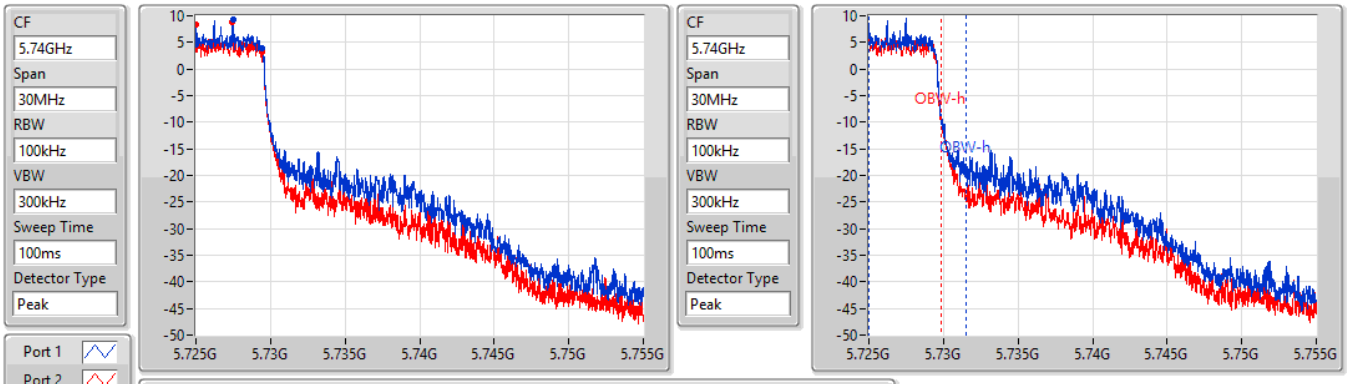
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.17M	5.70183G	5.725G	14.675M	5.710264G	5.724939G	Inf	1
17.675M	5.707325G	5.725G	14.64M	5.710299G	5.724939G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/06/2021



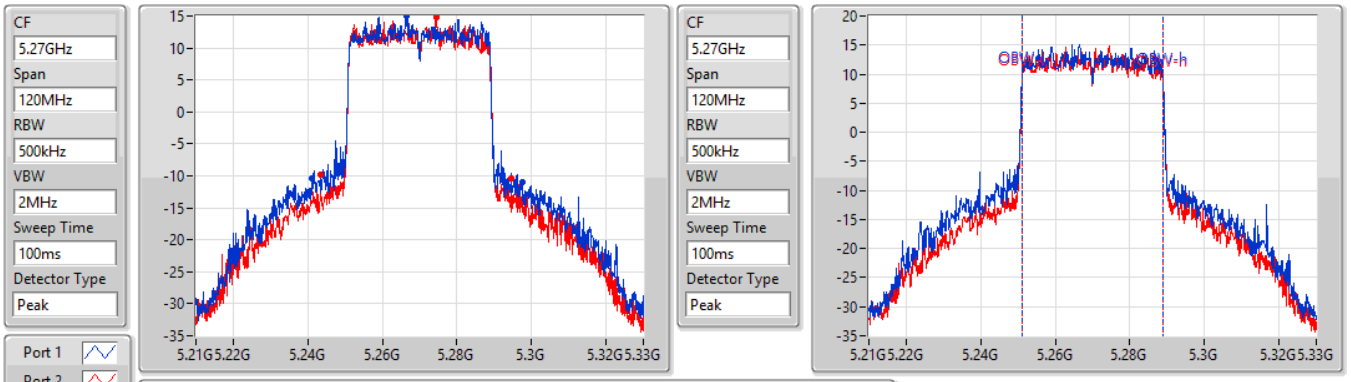
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.47M	5.725G	5.72947G	6.507M	5.725007G	5.731514G	500k	1
4.395M	5.725G	5.729395G	4.843M	5.725007G	5.72985G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5270MHz

15/06/2021



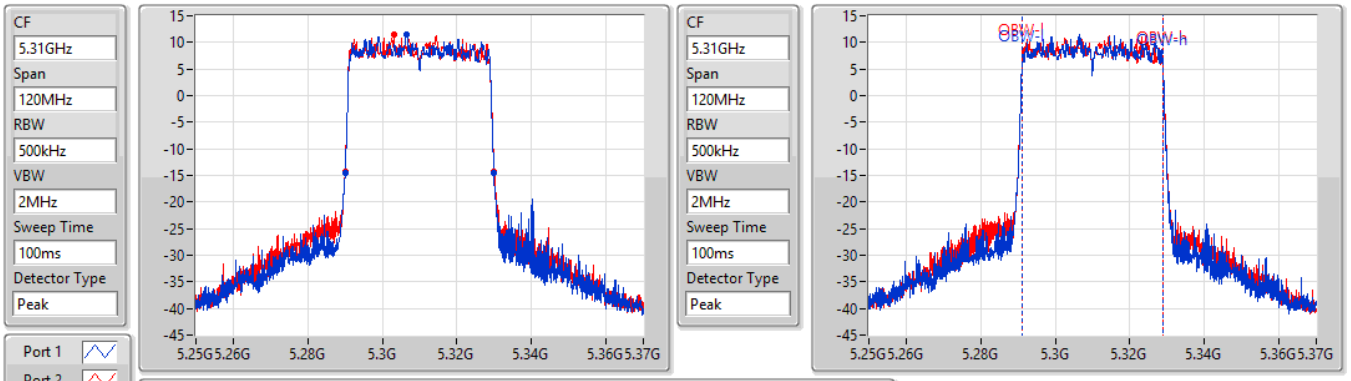
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
56.46M	5.24096G	5.29742G	37.901M	5.25099G	5.288891G	Inf	1
51.12M	5.24342G	5.29454G	37.721M	5.251109G	5.288831G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5310MHz

15/06/2021



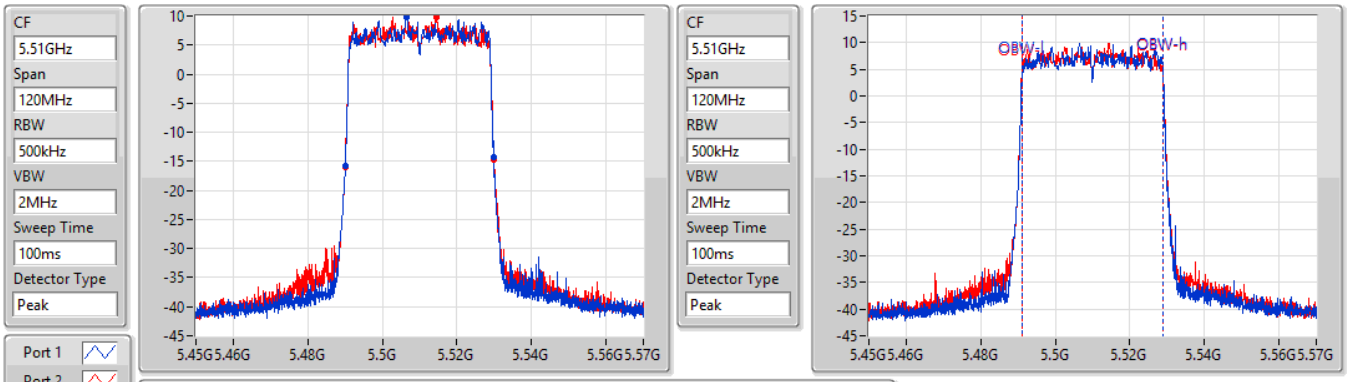
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.29002G	5.32998G	37.601M	5.291169G	5.328771G	Inf	1
40.02M	5.29002G	5.33004G	37.601M	5.291169G	5.328771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5510MHz

15/06/2021



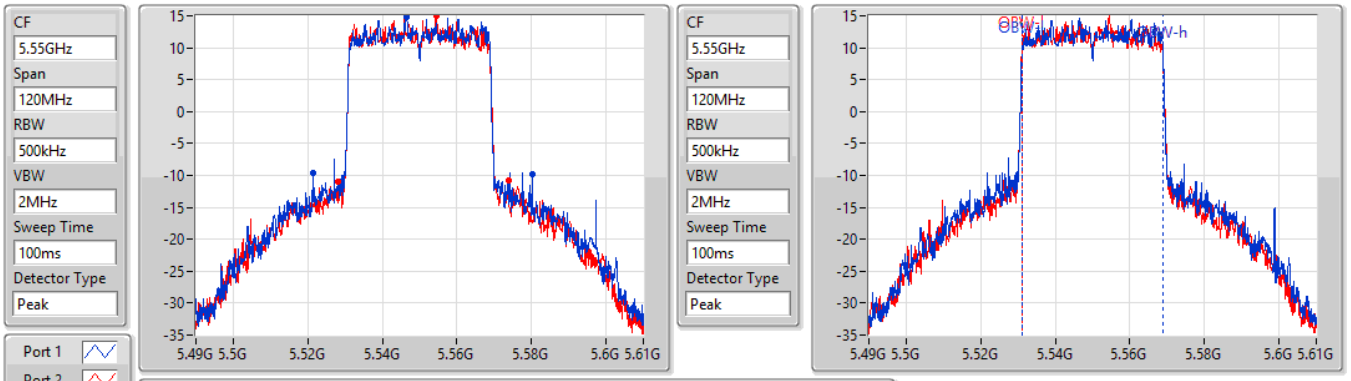
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49008G	5.52998G	37.541M	5.491229G	5.528771G	Inf	1
39.96M	5.49002G	5.52998G	37.601M	5.491169G	5.528771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5550MHz

15/06/2021



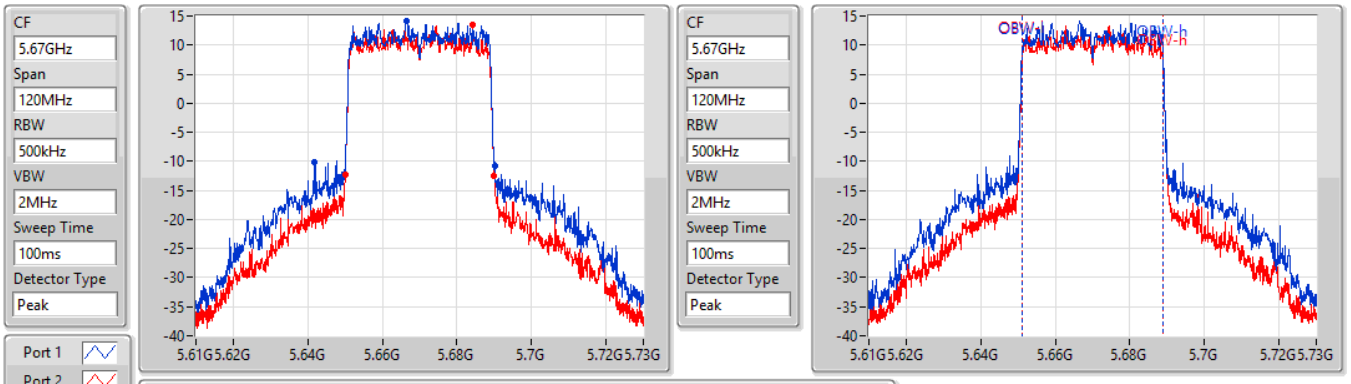
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
58.92M	5.52126G	5.58018G	37.781M	5.531109G	5.568891G	Inf	1
45.66M	5.5281G	5.57376G	37.721M	5.531109G	5.568831G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5670MHz

15/06/2021



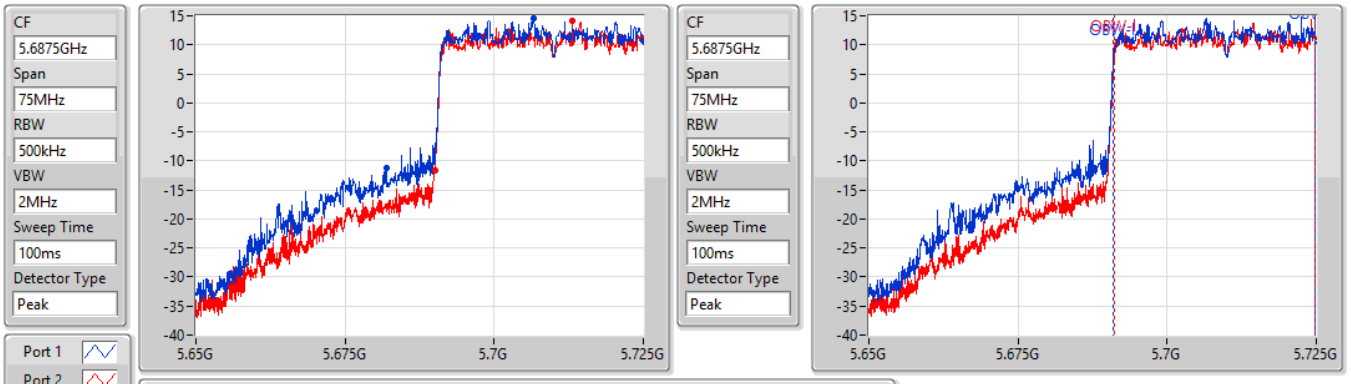
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.54M	5.64168G	5.69022G	37.721M	5.651109G	5.688831G	Inf	1
39.96M	5.65002G	5.68998G	37.601M	5.651169G	5.688771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

15/06/2021



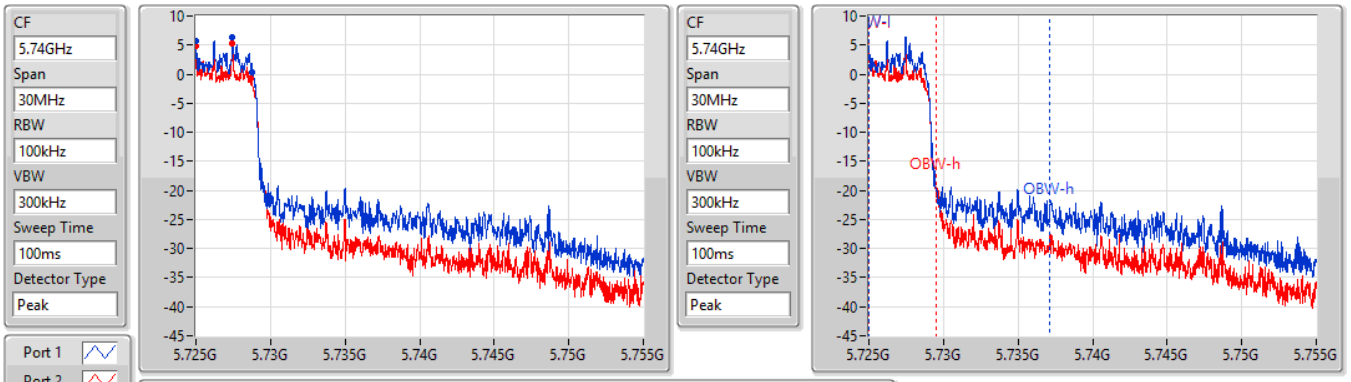
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.975M	5.682025G	5.725G	33.771M	5.691023G	5.724794G	Inf	1
34.95M	5.69005G	5.725G	33.733M	5.691098G	5.724831G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

15/06/2021



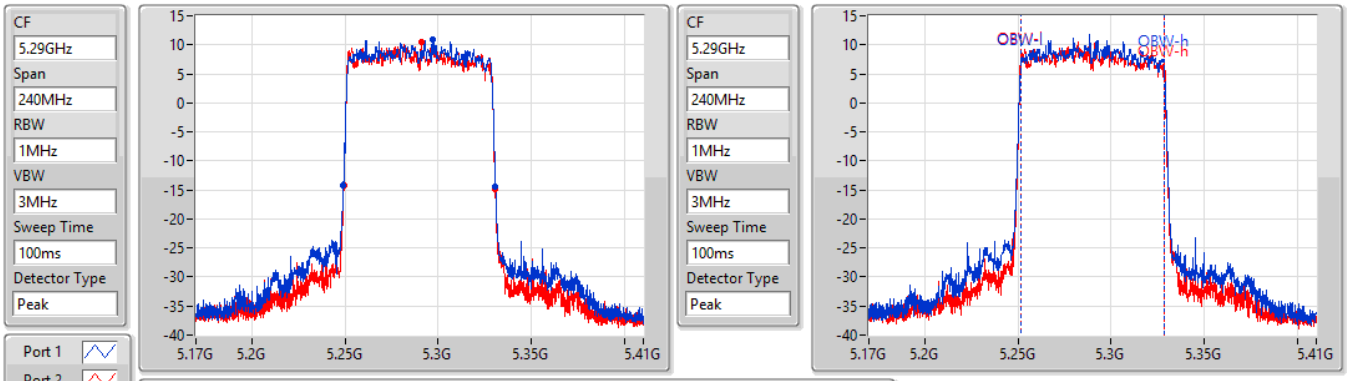
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.765M	5.725G	5.728765G	12.099M	5.725022G	5.737121G	500k	1
3.66M	5.725G	5.72866G	4.528M	5.725007G	5.729535G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

15/06/2021



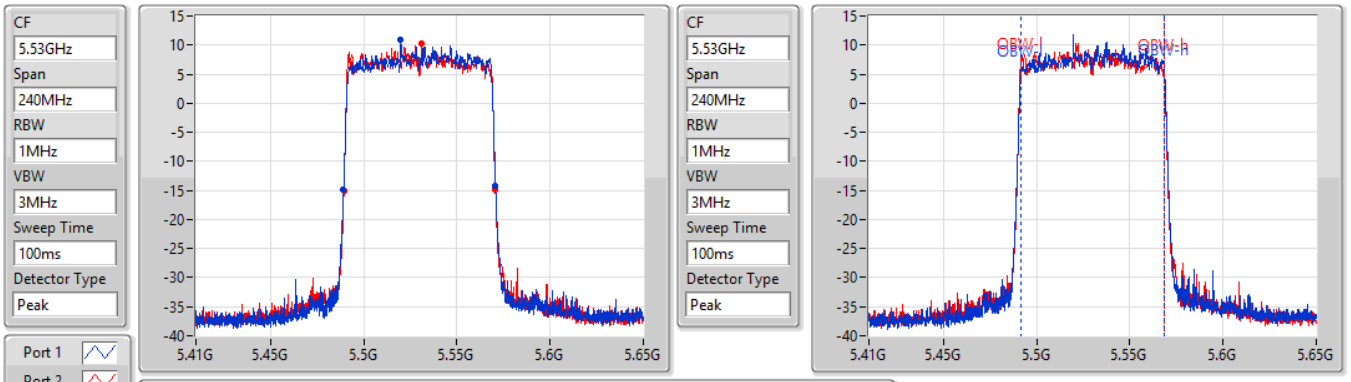
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.24908G	5.33068G	76.882M	5.251499G	5.328381G	Inf	1
81.24M	5.24932G	5.33056G	77.121M	5.251259G	5.328381G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

15/06/2021



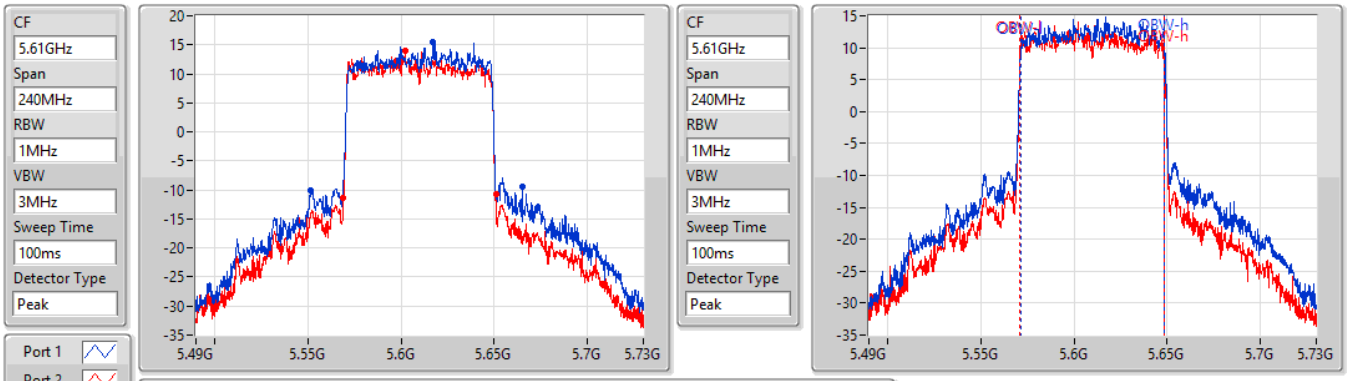
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.4892G	5.57068G	76.882M	5.491619G	5.568501G	Inf	1
81.36M	5.48932G	5.57068G	77.241M	5.491259G	5.568501G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

15/06/2021



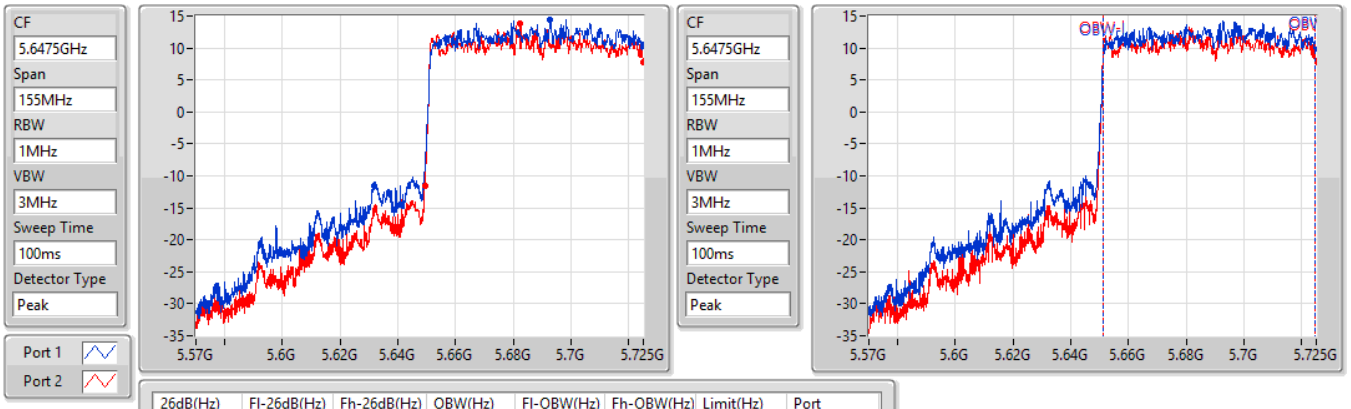
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
113.4M	5.55144G	5.66484G	77.481M	5.571259G	5.648741G	Inf	1
81.6M	5.5692G	5.6508G	77.481M	5.571139G	5.648621G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

15/06/2021



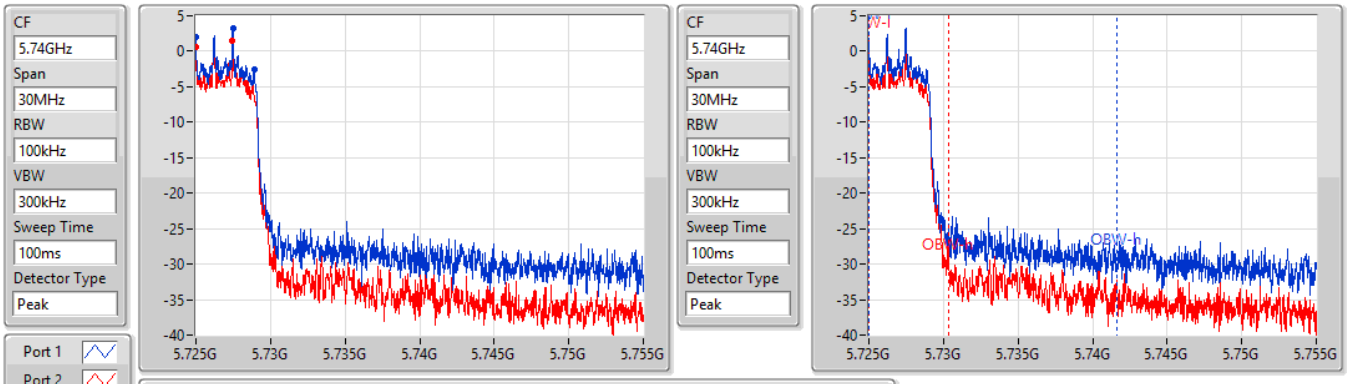
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
93.465M	5.631535G	5.725G	73.123M	5.651296G	5.724419G	Inf	1
75.718M	5.649283G	5.725G	73.201M	5.651218G	5.724419G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

15/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	16.582M	5.725007G	5.741589G	500k	1
3.315M	5.725G	5.728315G	5.367M	5.725007G	5.730375G	500k	2

For Scaning radio 3 / 2T1S
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)_2TX	43.95M	29.295M	29M3D1D	26.82M	17.001M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.44M	43.988M	44M0D1D	3.15M	4.273M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	26.82M	17.001M	28.44M	17.151M
5200MHz	Pass	Inf	40.17M	24.378M	43.95M	29.295M
5240MHz	Pass	Inf	35.19M	17.811M	35.82M	19.4M
5745MHz	Pass	500k	16.29M	29.595M	16.32M	28.306M
5785MHz	Pass	500k	16.35M	43.778M	16.38M	42.909M
5825MHz	Pass	500k	16.44M	43.988M	16.29M	33.853M

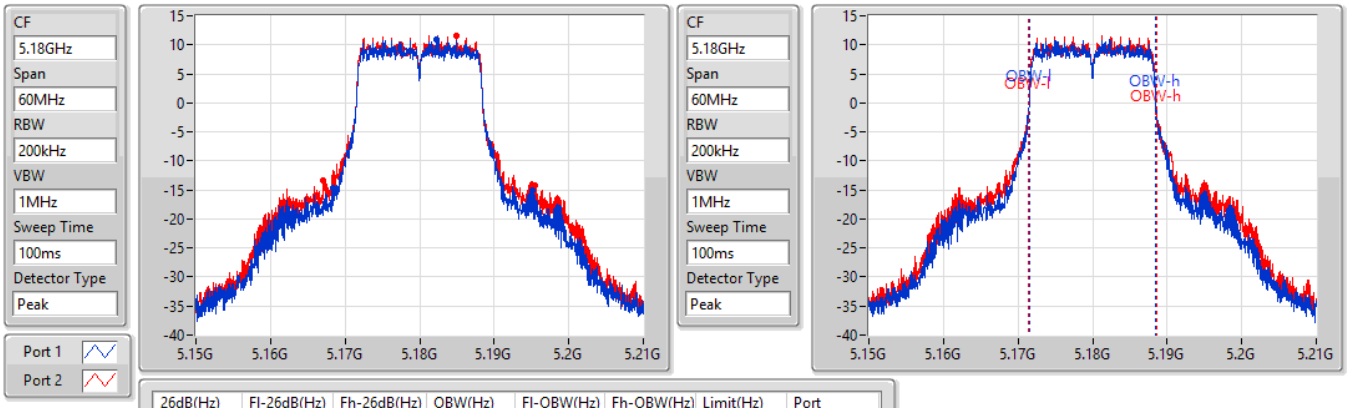
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

16/06/2021



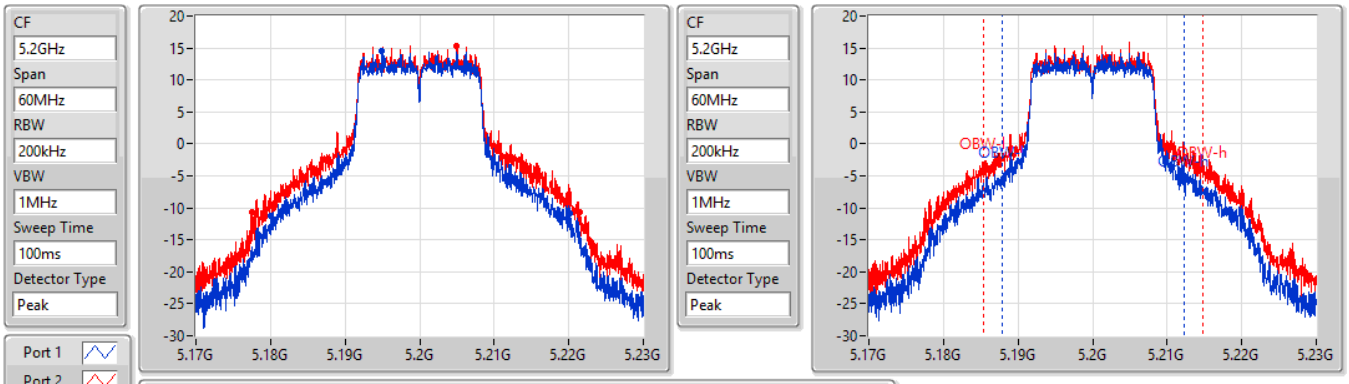
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.82M	5.16833G	5.19515G	17.001M	5.171514G	5.188516G	Inf	1
28.44M	5.16701G	5.19545G	17.151M	5.171454G	5.188606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

16/06/2021



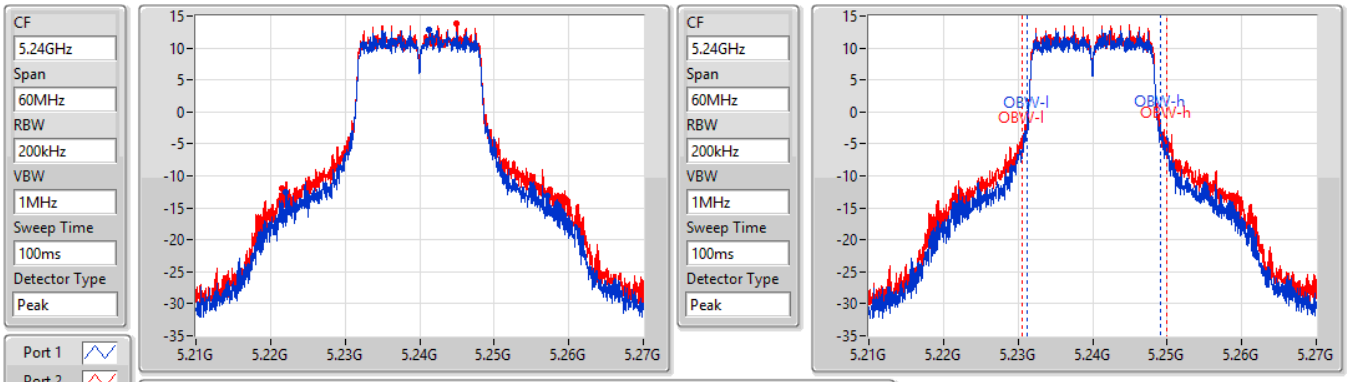
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.17M	5.18002G	5.22019G	24.378M	5.187946G	5.212324G	Inf	1
43.95M	5.17747G	5.22142G	29.295M	5.185457G	5.214753G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

16/06/2021



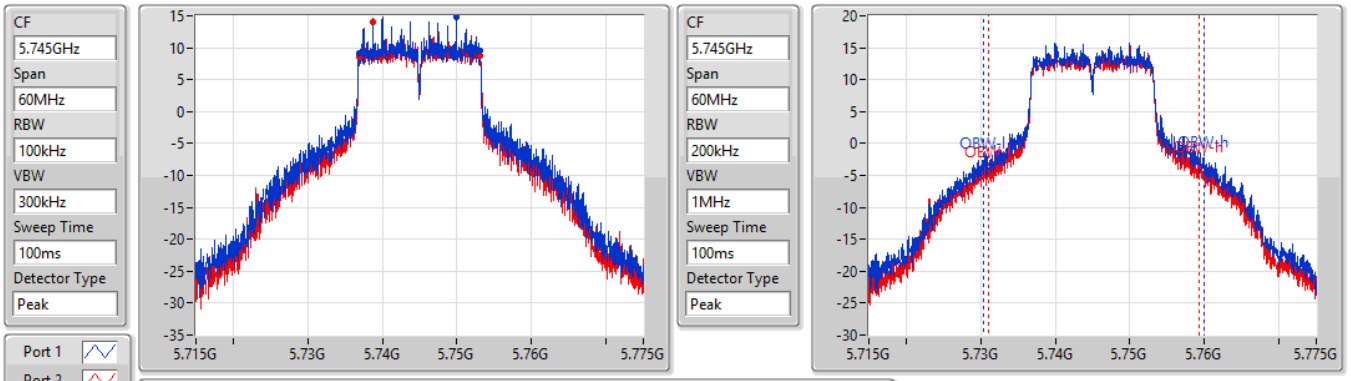
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.19M	5.222G	5.25719G	17.811M	5.231244G	5.249055G	Inf	1
35.82M	5.22158G	5.2574G	19.4M	5.230555G	5.249955G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

16/06/2021



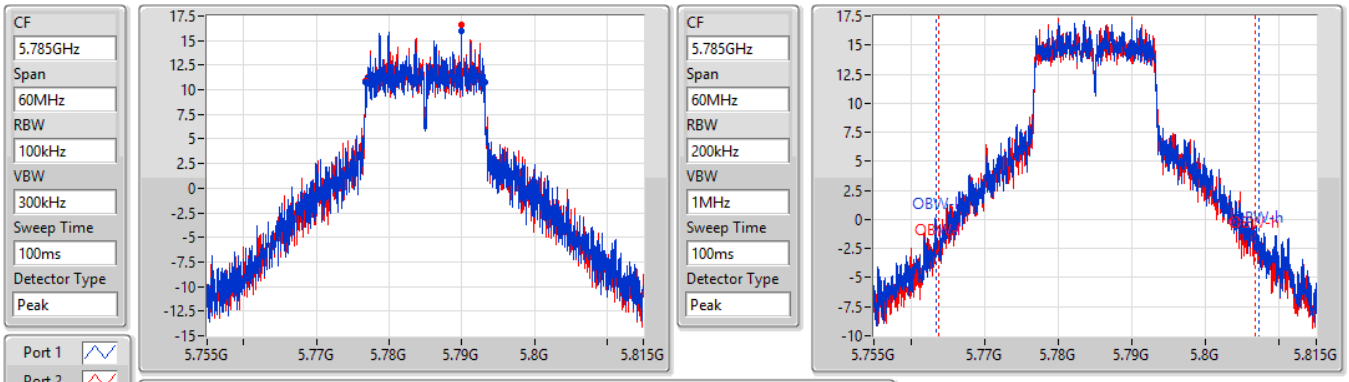
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73684G	5.75313G	29.595M	5.730307G	5.759903G	500k	1
16.32M	5.73684G	5.75316G	28.306M	5.731027G	5.759333G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

16/06/2021



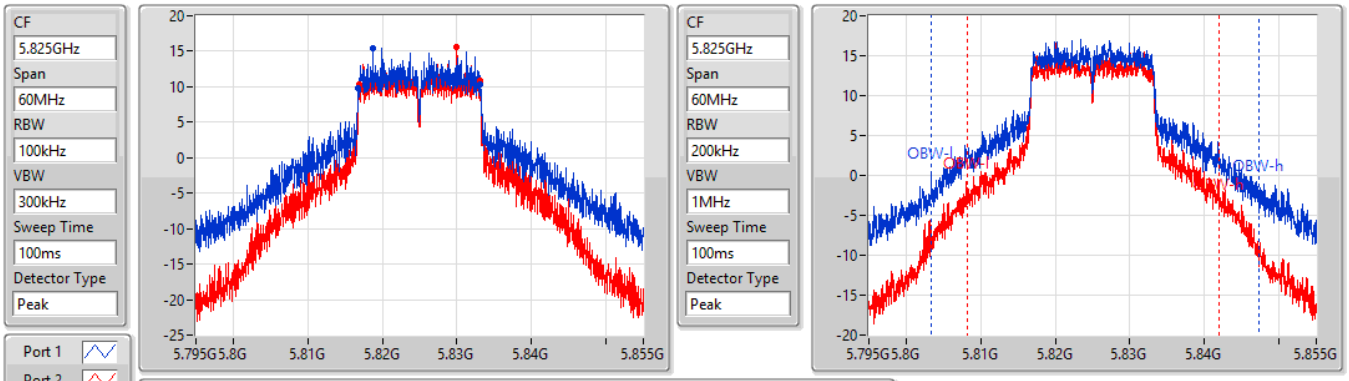
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77681G	5.79316G	43.778M	5.763471G	5.807249G	500k	1
16.38M	5.77678G	5.79316G	42.909M	5.763801G	5.806709G	500k	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

16/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.44M	5.81672G	5.83316G	43.988M	5.803321G	5.847309G	500k	1
16.29M	5.81684G	5.83313G	33.853M	5.808148G	5.842001G	500k	2

For Scaning radio 3 / 2T1S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.6M	16.792M	16M8D1D	21.21M	16.642M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.75M	16.792M	16M8D1D	15.575M	13.381M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.165M	4.333M	4M33D1D	3.15M	4.273M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.24M	16.762M	21.45M	16.642M
5300MHz	Pass	Inf	21.21M	16.792M	21.6M	16.642M
5320MHz	Pass	Inf	21.21M	16.792M	21.51M	16.672M
5500MHz	Pass	Inf	21.3M	16.762M	21.39M	16.672M
5580MHz	Pass	Inf	21.24M	16.762M	21.75M	16.702M
5700MHz	Pass	Inf	21.27M	16.792M	21.39M	16.642M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.575M	13.381M	15.82M	13.398M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	4.333M	3.165M	4.273M

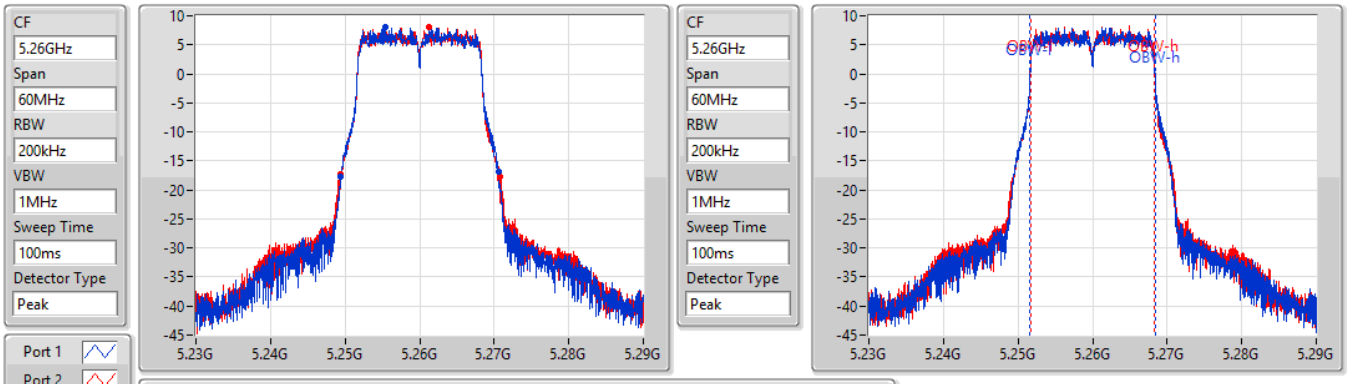
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

16/06/2021



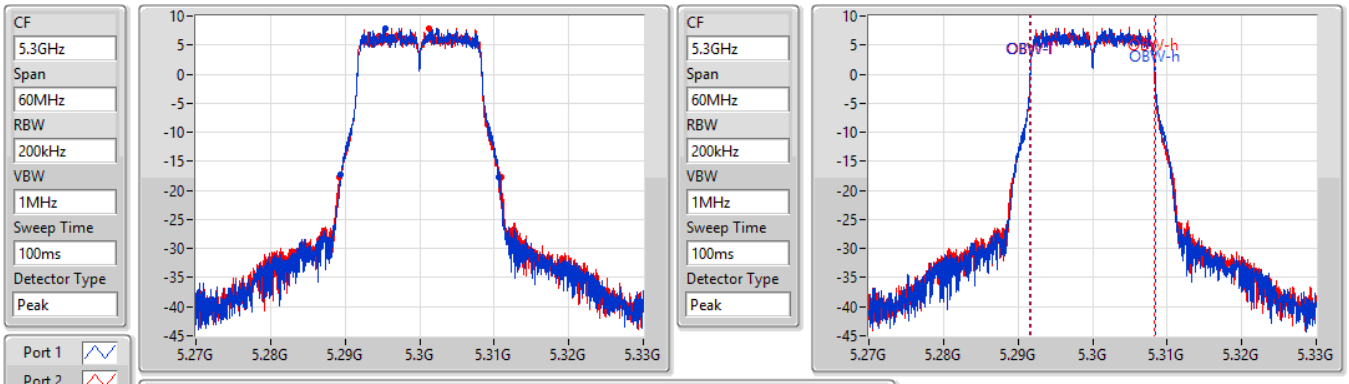
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.24938G	5.27062G	16.762M	5.251634G	5.268396G	Inf	1
21.45M	5.24935G	5.2708G	16.642M	5.251664G	5.268306G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

16/06/2021



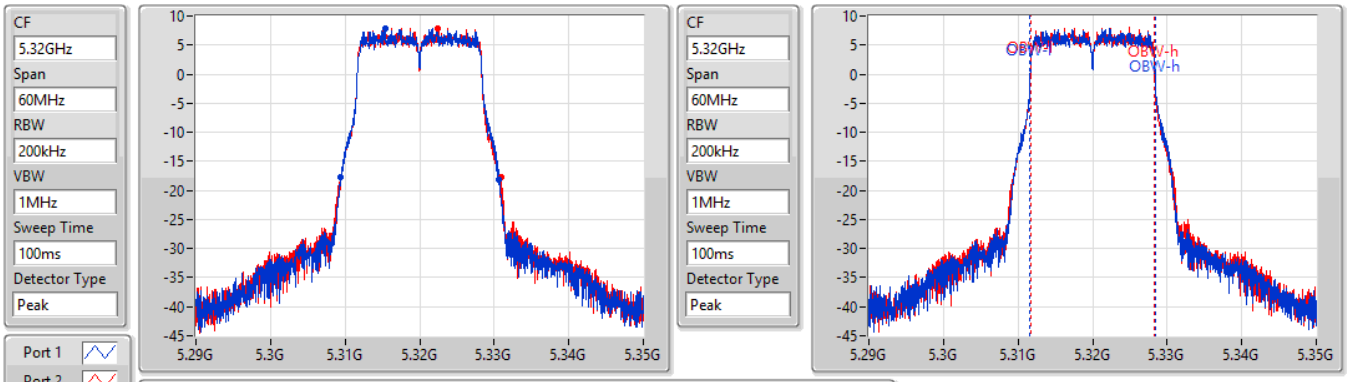
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.28944G	5.31065G	16.792M	5.291634G	5.308426G	Inf	1
21.6M	5.28929G	5.31089G	16.642M	5.291664G	5.308306G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

16/06/2021



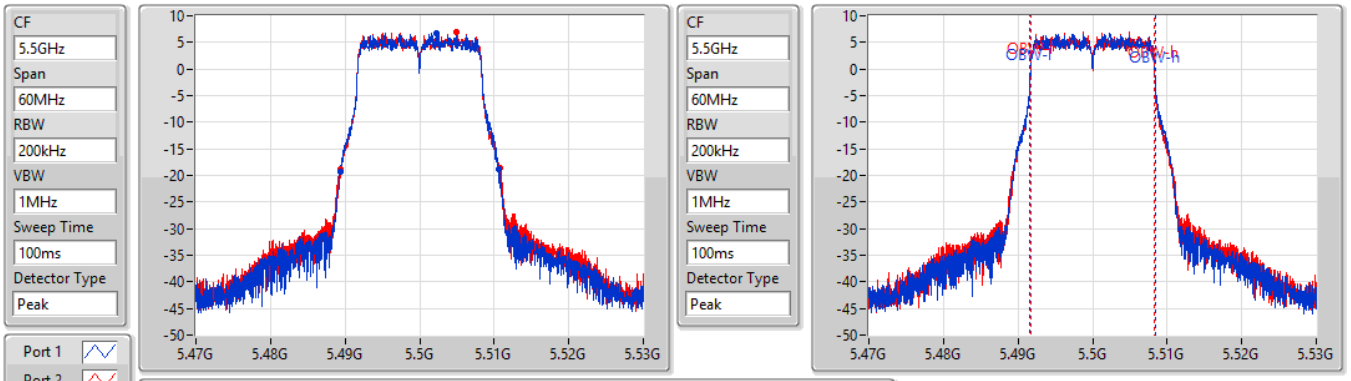
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.30941G	5.33062G	16.792M	5.311634G	5.328426G	Inf	1
21.51M	5.30938G	5.33089G	16.672M	5.311664G	5.328336G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

16/06/2021



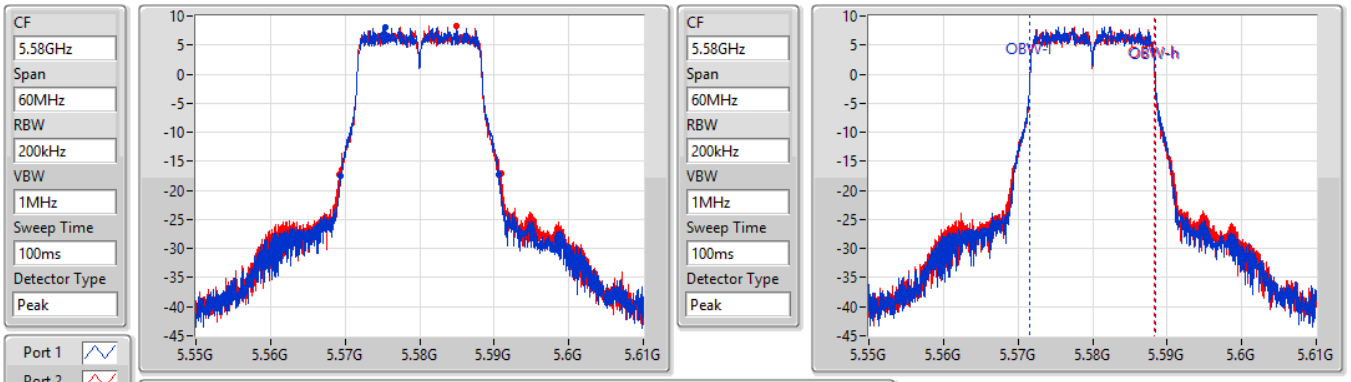
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.48935G	5.51065G	16.762M	5.491634G	5.508396G	Inf	1
21.39M	5.48932G	5.51071G	16.672M	5.491664G	5.508336G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

16/06/2021



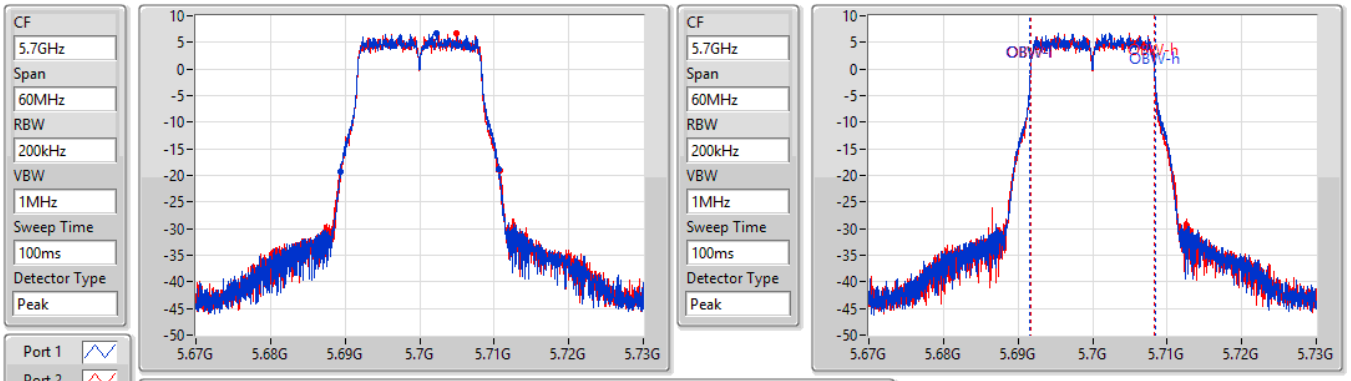
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.56938G	5.59062G	16.762M	5.571634G	5.588396G	Inf	1
21.75M	5.56917G	5.59092G	16.702M	5.571634G	5.588336G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

16/06/2021



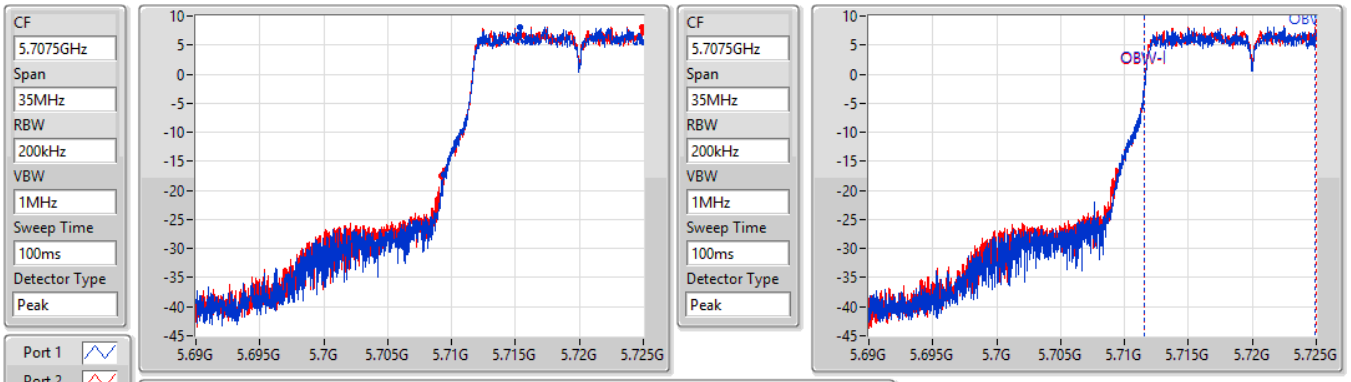
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.68938G	5.71065G	16.792M	5.691634G	5.708426G	Inf	1
21.39M	5.68935G	5.71074G	16.642M	5.691664G	5.708306G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

16/06/2021



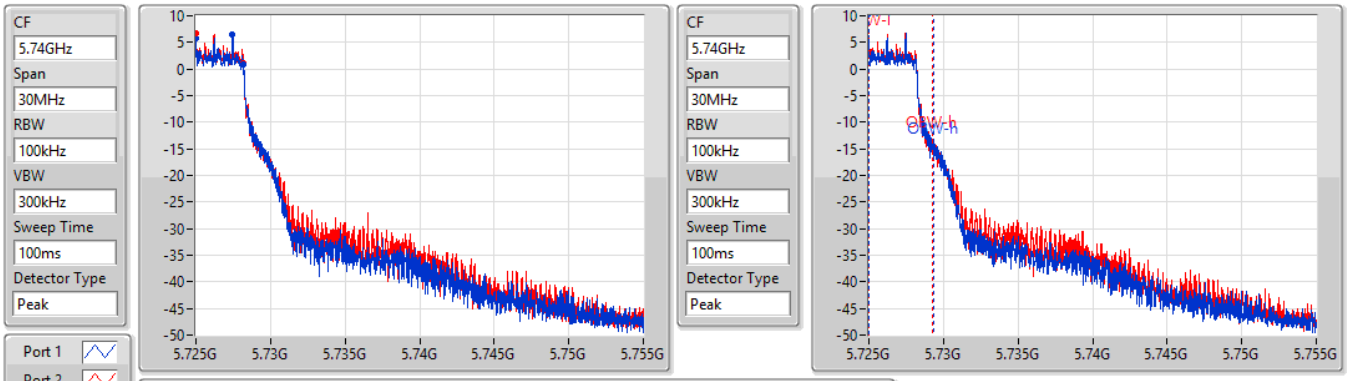
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.575M	5.709425G	5.725G	13.381M	5.711558G	5.724939G	Inf	1
15.82M	5.70918G	5.725G	13.398M	5.711558G	5.724956G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.15M	5.725G	5.72815G	4.333M	5.725007G	5.72934G	500k	1
3.165M	5.725G	5.728165G	4.273M	5.725007G	5.72928G	500k	2

For Scaning radio 3 / 2T2S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	46.56M	27.076M	27M1D1D	21.63M	19.07M
802.11ax HEW40_Nss2,(MCS0)_2TX	81.12M	38.741M	38M7D1D	39.72M	37.481M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.36M	77.241M	77M2D1D	81M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.6M	45.187M	45M2D1D	4.455M	4.963M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.56M	69.085M	69M1D1D	3.69M	12.534M
802.11ax HEW80_Nss2,(MCS0)_2TX	75.36M	78.441M	78M4D1D	3.75M	15.982M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	19.07M	25.95M	19.1M
5200MHz	Pass	Inf	41.04M	21.979M	46.56M	27.076M
5240MHz	Pass	Inf	35.49M	19.28M	40.65M	19.7M
5745MHz	Pass	500k	18.57M	32.474M	18.21M	30.135M
5785MHz	Pass	500k	18.6M	45.187M	18.09M	44.738M
5825MHz	Pass	500k	18.51M	45.187M	18.3M	41.169M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.96M	37.601M	39.72M	37.481M
5230MHz	Pass	Inf	72.96M	38.261M	81.12M	38.741M
5755MHz	Pass	500k	37.56M	59.43M	37.56M	59.67M
5795MHz	Pass	500k	37.08M	69.085M	37.56M	64.708M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81M	77.241M	81.36M	77.121M
5775MHz	Pass	500k	75.36M	78.081M	75.12M	78.441M

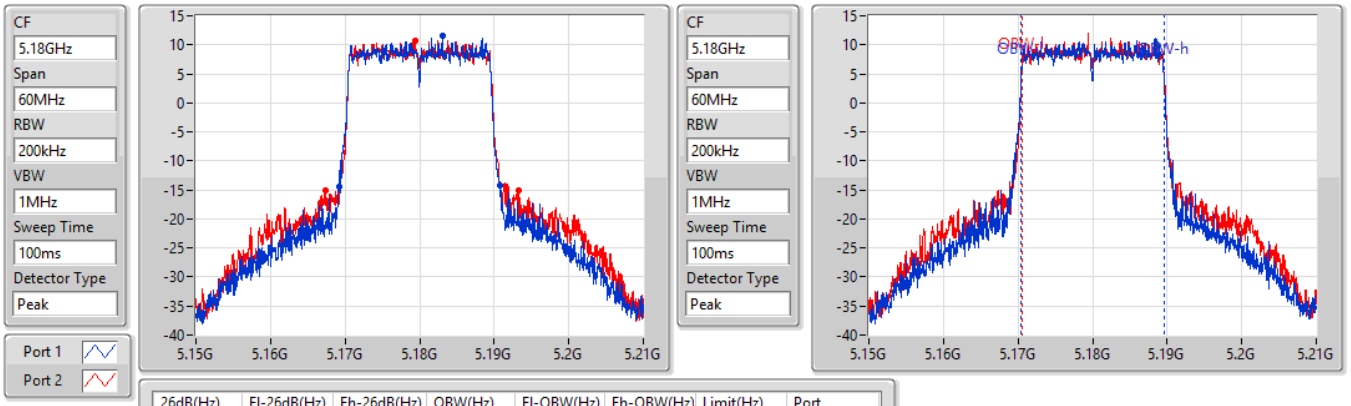
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5180MHz

16/06/2021



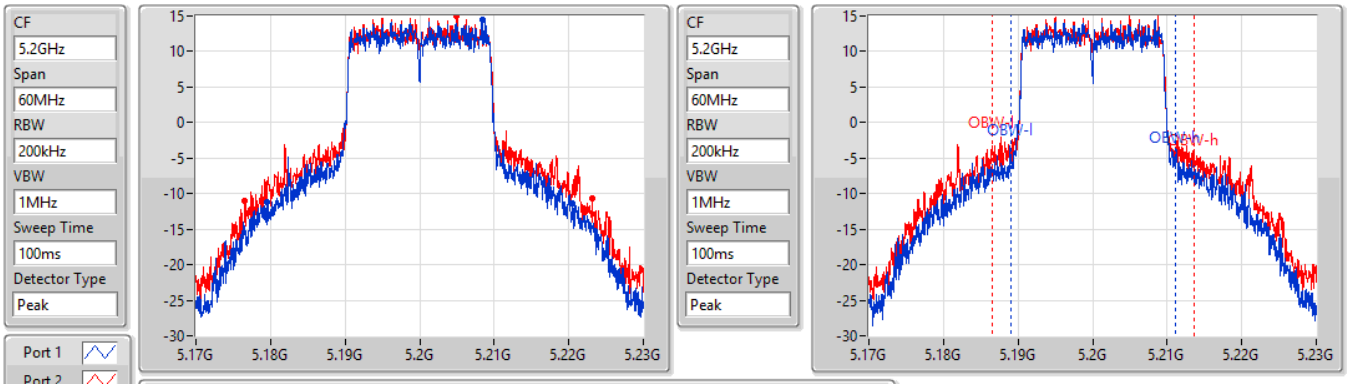
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.16914G	5.19077G	19.07M	5.170465G	5.189535G	Inf	1
25.95M	5.16731G	5.19326G	19.1M	5.170495G	5.189595G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5200MHz

16/06/2021



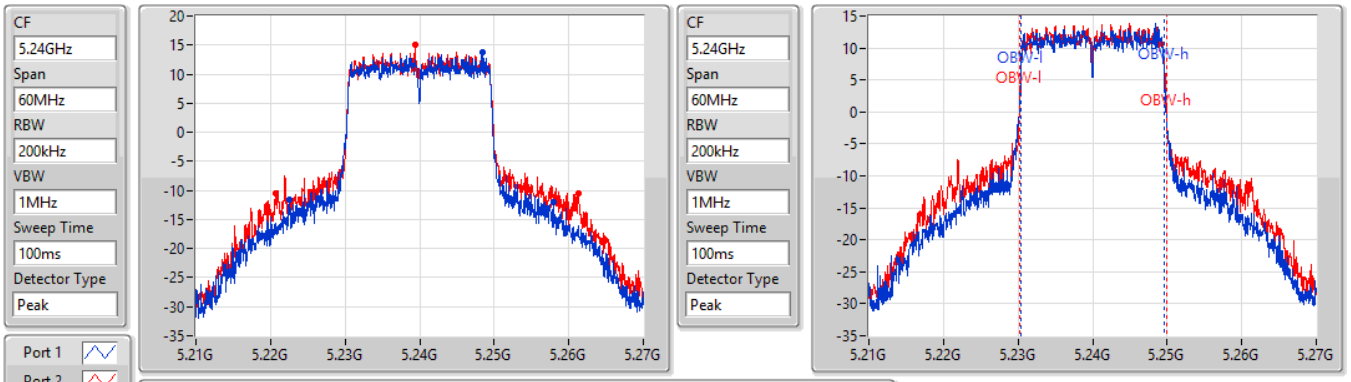
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.17951G	5.22055G	21.979M	5.189055G	5.211034G	Inf	1
46.56M	5.17657G	5.22313G	27.076M	5.186627G	5.213703G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5240MHz

16/06/2021



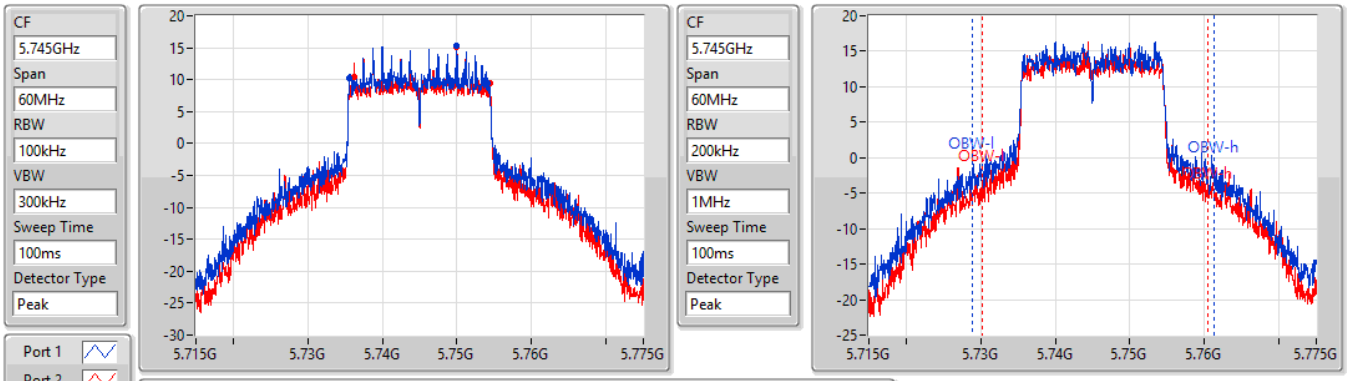
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.49M	5.22248G	5.25797G	19.28M	5.230375G	5.249655G	Inf	1
40.65M	5.22071G	5.26136G	19.7M	5.230255G	5.249955G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5745MHz

16/06/2021



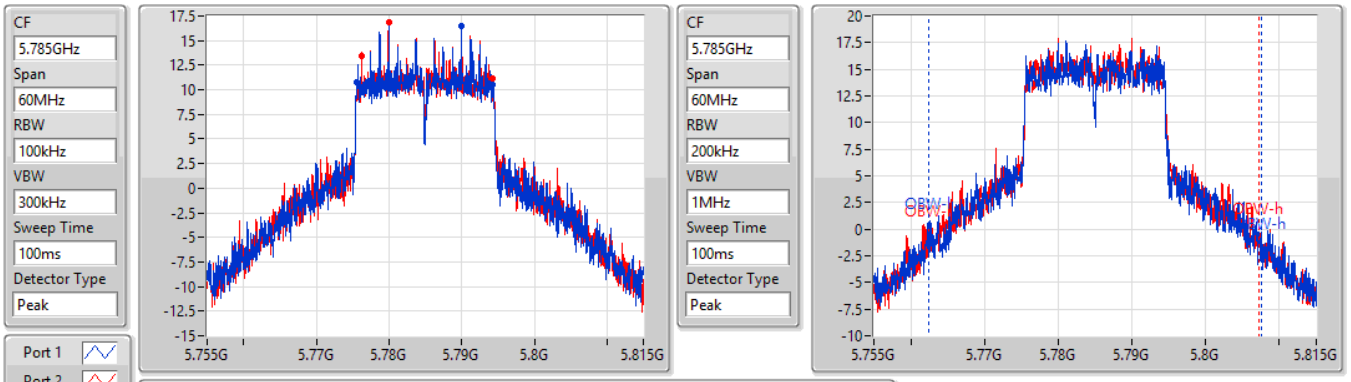
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.57M	5.73561G	5.75418G	32.474M	5.728868G	5.761342G	500k	1
18.21M	5.73615G	5.75436G	30.135M	5.730247G	5.760382G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5785MHz

16/06/2021



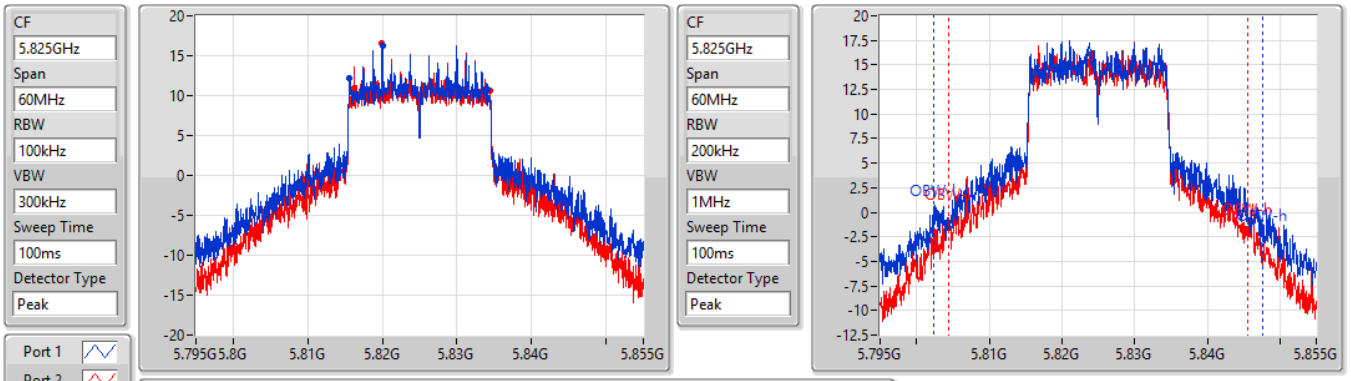
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.77558G	5.79418G	45.187M	5.762391G	5.807579G	500k	1
18.09M	5.77618G	5.79427G	44.738M	5.762511G	5.807249G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5825MHz

16/06/2021



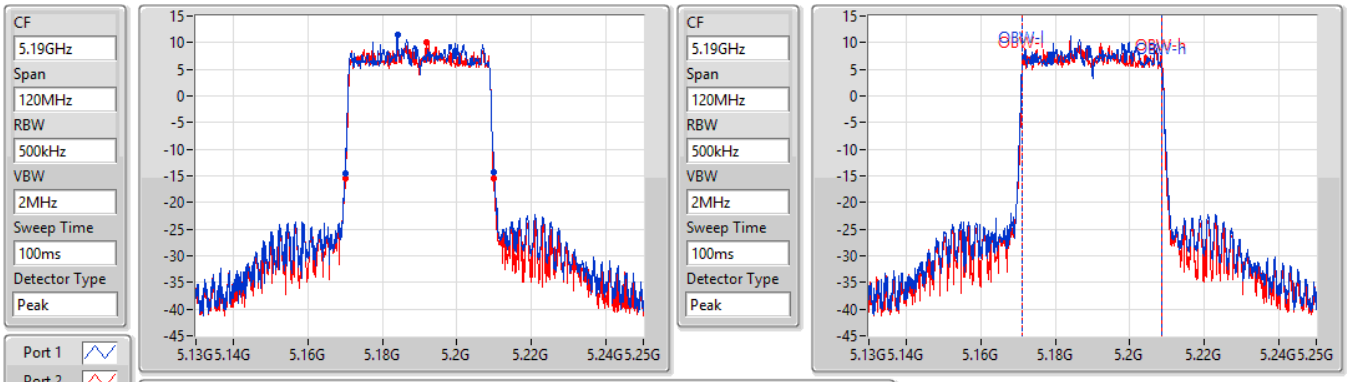
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.51M	5.81564G	5.83415G	45.187M	5.802451G	5.847639G	500k	1
18.3M	5.81615G	5.83445G	41.169M	5.8044G	5.84557G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5190MHz

16/06/2021



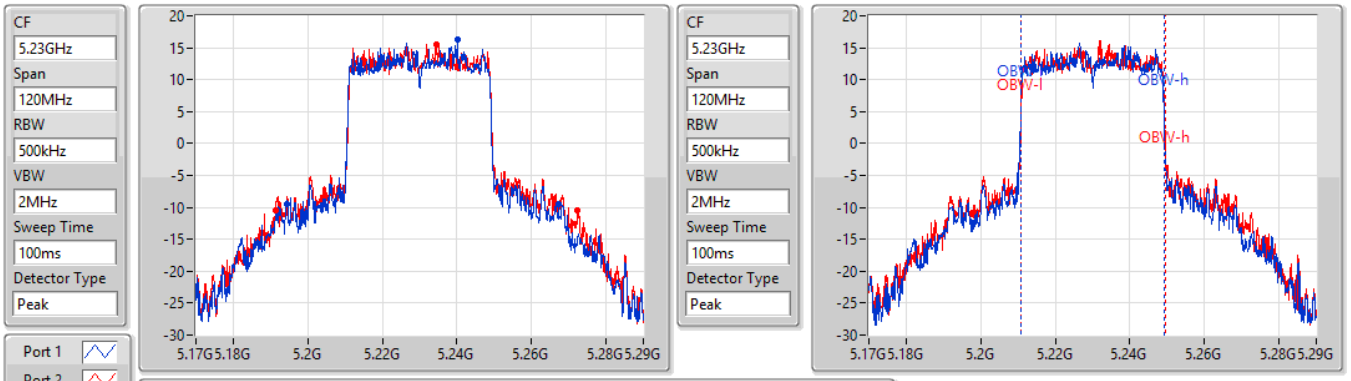
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.17002G	5.20998G	37.601M	5.171109G	5.208711G	Inf	1
39.72M	5.17008G	5.2098G	37.481M	5.171229G	5.208711G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5230MHz

16/06/2021



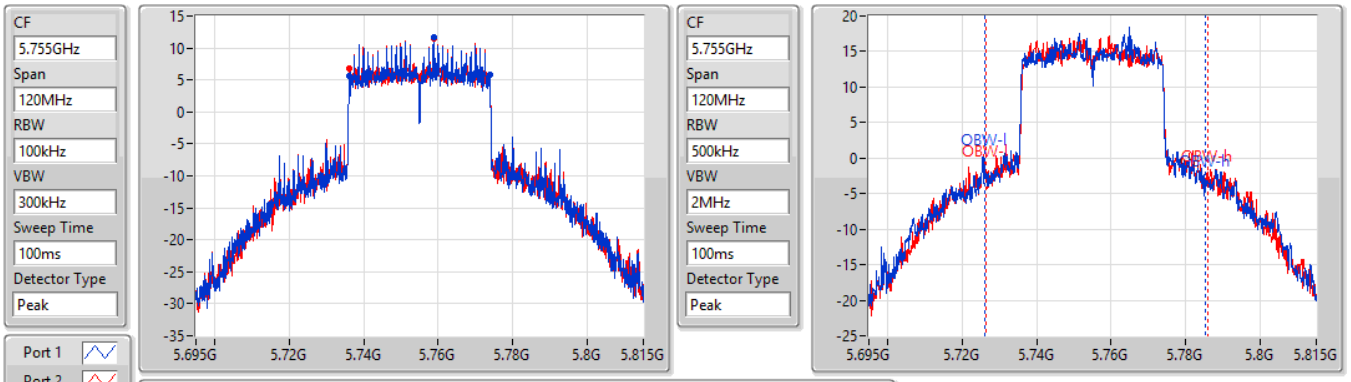
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
72.96M	5.19424G	5.2672G	38.261M	5.21087G	5.24913G	Inf	1
81.12M	5.1913G	5.27242G	38.741M	5.21087G	5.24961G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5755MHz

16/06/2021



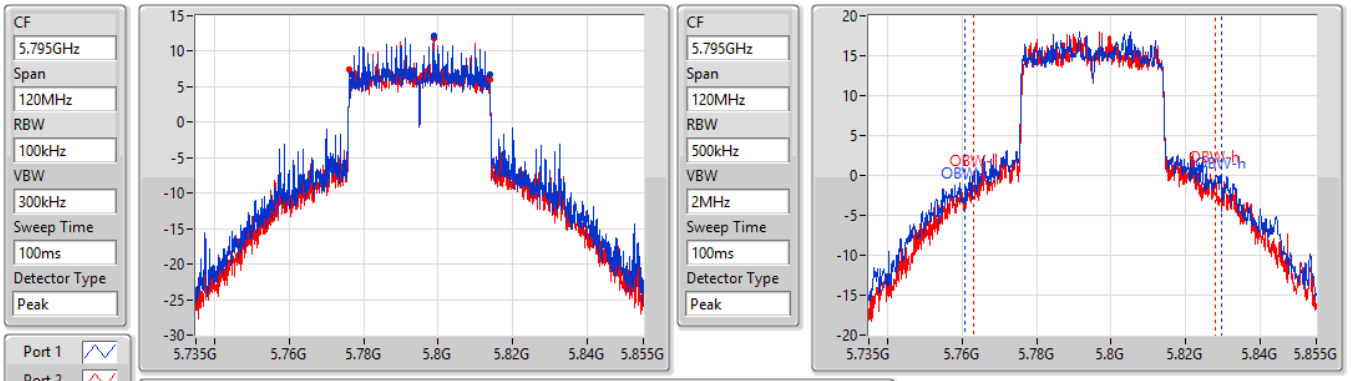
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73616G	5.77372G	59.43M	5.725975G	5.785405G	500k	1
37.56M	5.73616G	5.77372G	59.67M	5.726274G	5.785945G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5795MHz

16/06/2021



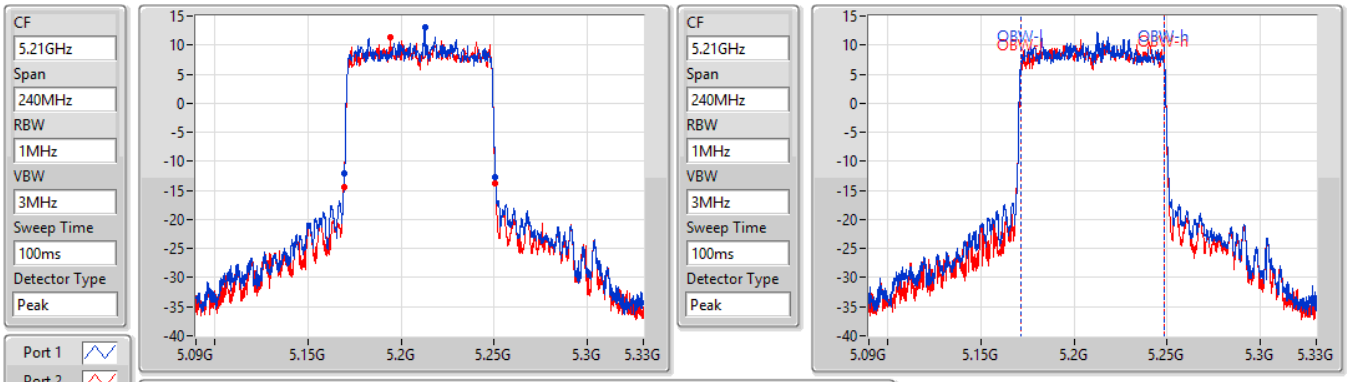
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.77664G	5.81372G	69.085M	5.760577G	5.829663G	500k	1
37.56M	5.77616G	5.81372G	64.708M	5.763216G	5.827924G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5210MHz

16/06/2021



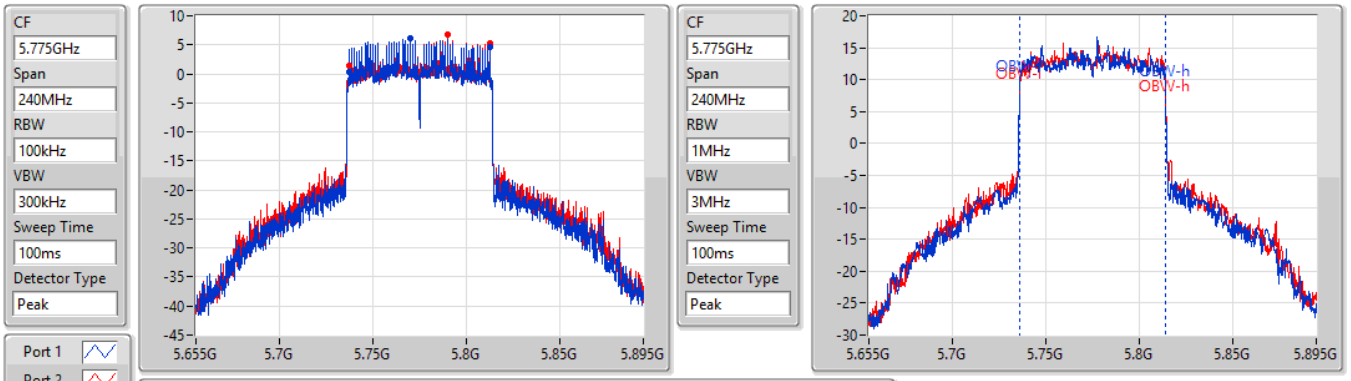
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.16968G	5.25068G	77.241M	5.171379G	5.248621G	Inf	1
81.36M	5.16932G	5.25068G	77.121M	5.171499G	5.248621G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5775MHz

16/06/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.36M	5.7372G	5.81256G	78.081M	5.736019G	5.8141G	500k	1
75.12M	5.73744G	5.81256G	78.441M	5.7359G	5.81434G	500k	2

For Scaning radio 3 / 2T2S
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	81.96M	78.561M	78M6D1D	81.84M	77.841M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.04M	19.07M	19M1D1D	21.24M	19.04M
802.11ax HEW40_Nss2,(MCS0)_2TX	62.46M	37.781M	37M8D1D	54.06M	37.721M
802.11ax HEW80_Nss2,(MCS0)_2TX	81.6M	77.121M	77M1D1D	81.36M	77.121M
802.11ax HEW160_Nss2,(MCS0)_2TX	83.76M	78.081M	78M1D1D	83.28M	77.721M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	26.52M	19.16M	19M2D1D	18.795M	14.535M
802.11ax HEW40_Nss2,(MCS0)_2TX	68.82M	37.781M	37M8D1D	36.788M	33.658M
802.11ax HEW80_Nss2,(MCS0)_2TX	116.64M	77.601M	77M6D1D	75.253M	73.201M
802.11ax HEW160_Nss2,(MCS0)_2TX	219.36M	156.402M	156MD1D	166.08M	155.682M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	4.47M	6.177M	6M18D1D	4.455M	4.963M
802.11ax HEW40_Nss2,(MCS0)_2TX	3.75M	14.573M	14M6D1D	3.69M	12.534M
802.11ax HEW80_Nss2,(MCS0)_2TX	3.795M	18.621M	18M6D1D	3.75M	15.982M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	23.04M	19.04M	22.65M	19.07M
5300MHz	Pass	Inf	21.63M	19.07M	21.36M	19.07M
5320MHz	Pass	Inf	21.54M	19.04M	21.24M	19.04M
5500MHz	Pass	Inf	21.51M	19.04M	21.42M	19.07M
5580MHz	Pass	Inf	24.45M	19.1M	26.52M	19.16M
5700MHz	Pass	Inf	21.6M	19.04M	21.27M	19.04M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.795M	14.57M	19.793M	14.535M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.47M	4.963M	4.455M	6.177M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	54.96M	37.781M	62.34M	37.721M
5310MHz	Pass	Inf	54.06M	37.781M	62.46M	37.721M
5510MHz	Pass	Inf	39.9M	37.601M	39.9M	37.541M
5550MHz	Pass	Inf	62.34M	37.781M	68.82M	37.721M
5670MHz	Pass	Inf	40.02M	37.661M	39.84M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	40.838M	33.846M	36.788M	33.658M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.75M	12.534M	3.69M	14.573M
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	77.121M	81.36M	77.121M
5530MHz	Pass	Inf	81.36M	77.121M	81.96M	77.121M
5610MHz	Pass	Inf	99.72M	77.481M	116.64M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.253M	73.201M	84.165M	73.278M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.795M	15.982M	3.75M	18.621M
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.96M	78.561M	81.84M	77.841M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.28M	77.721M	83.76M	78.081M
5570MHz	Pass	Inf	166.08M	156.402M	219.36M	155.682M

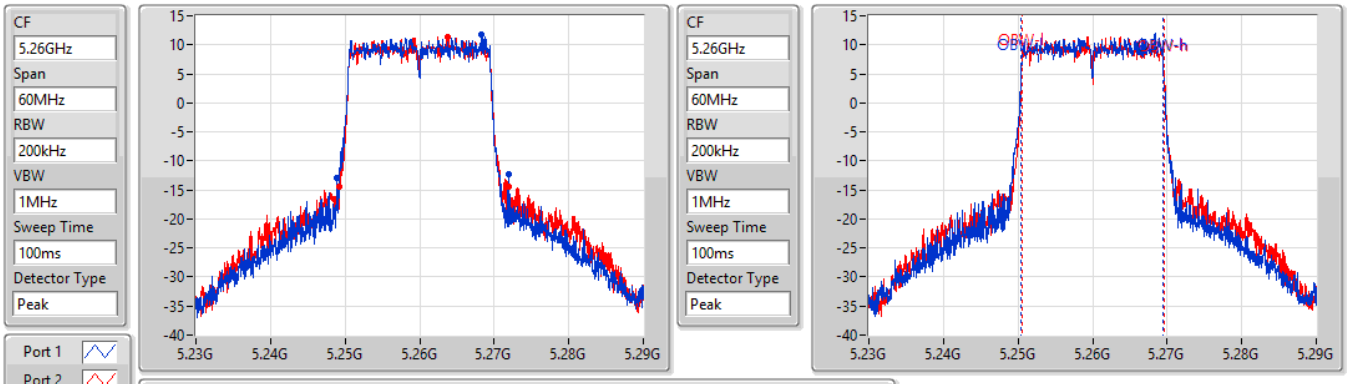
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5260MHz

16/06/2021



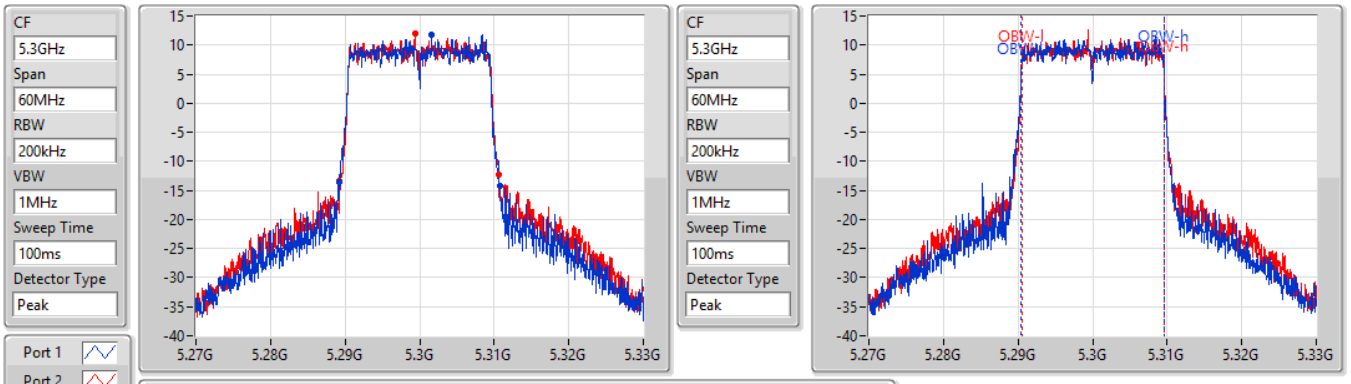
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	5.24884G	5.27188G	19.04M	5.250465G	5.269505G	Inf	1
22.65M	5.24923G	5.27188G	19.07M	5.250495G	5.269565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5300MHz

16/06/2021



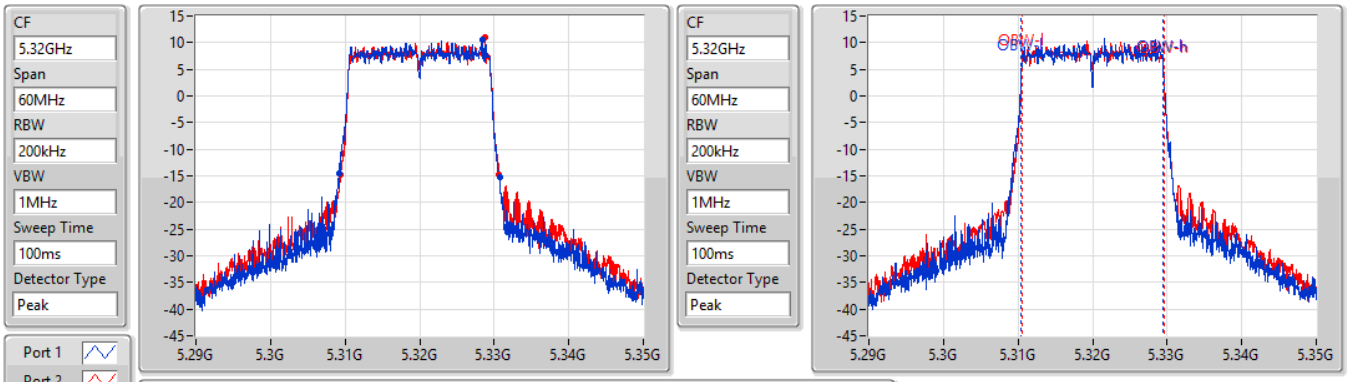
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.28914G	5.31077G	19.07M	5.290465G	5.309535G	Inf	1
21.36M	5.28926G	5.31062G	19.07M	5.290495G	5.309565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5320MHz

16/06/2021



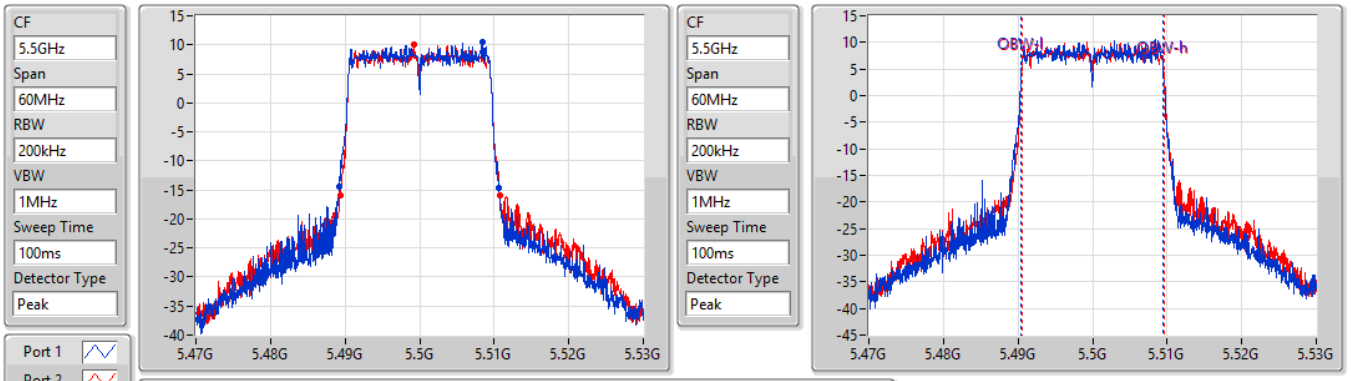
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.30917G	5.33071G	19.04M	5.310465G	5.329505G	Inf	1
21.24M	5.30944G	5.33068G	19.04M	5.310525G	5.329565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5500MHz

16/06/2021



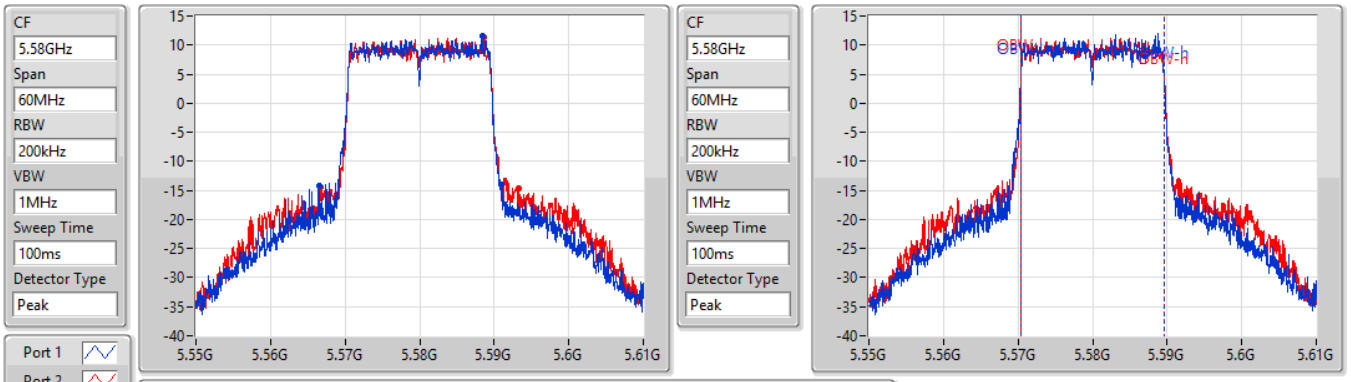
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.48917G	5.51068G	19.04M	5.490465G	5.509505G	Inf	1
21.42M	5.48932G	5.51074G	19.07M	5.490495G	5.509565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5580MHz

16/06/2021



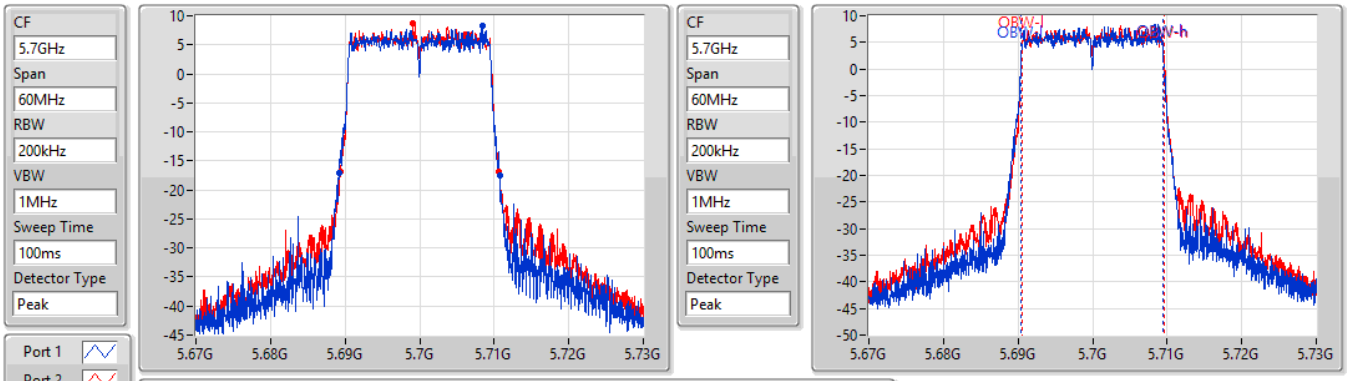
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.45M	5.56653G	5.59098G	19.1M	5.570435G	5.589535G	Inf	1
26.52M	5.56674G	5.59326G	19.16M	5.570465G	5.589625G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5700MHz

16/06/2021



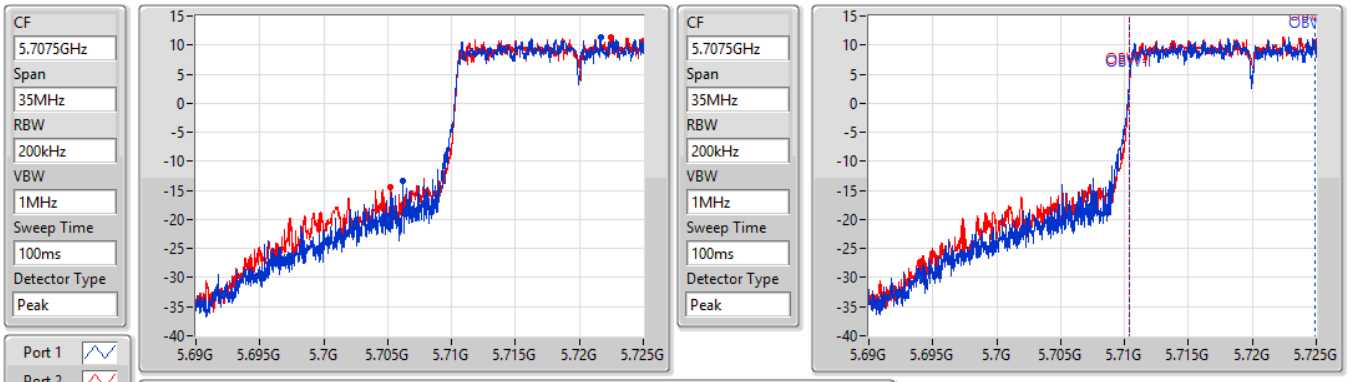
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.68914G	5.71074G	19.04M	5.690465G	5.709505G	Inf	1
21.27M	5.68941G	5.71068G	19.04M	5.690525G	5.709565G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

16/06/2021



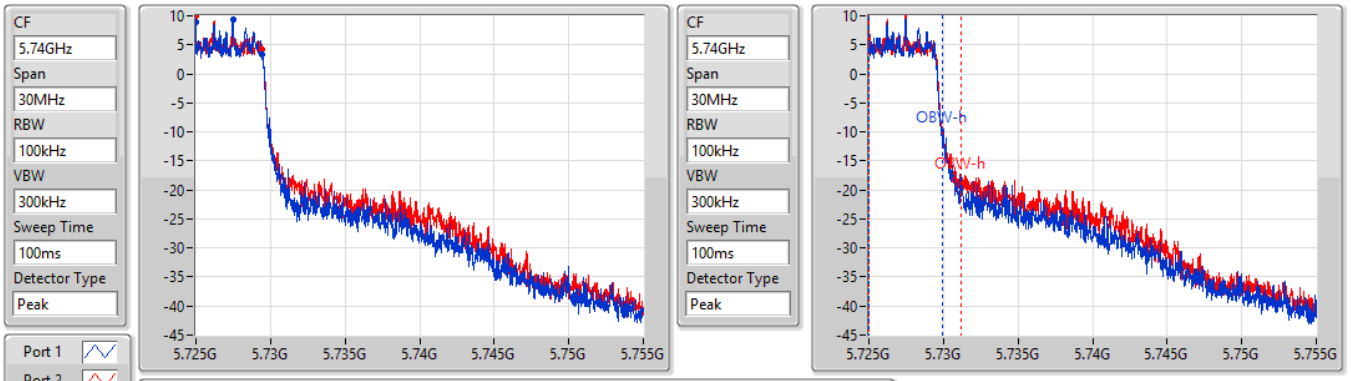
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.795M	5.706205G	5.725G	14.57M	5.710369G	5.724939G	Inf	1
19.793M	5.705208G	5.725G	14.535M	5.710404G	5.724939G	Inf	2

802.11ax HEW20_Nss2,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2021



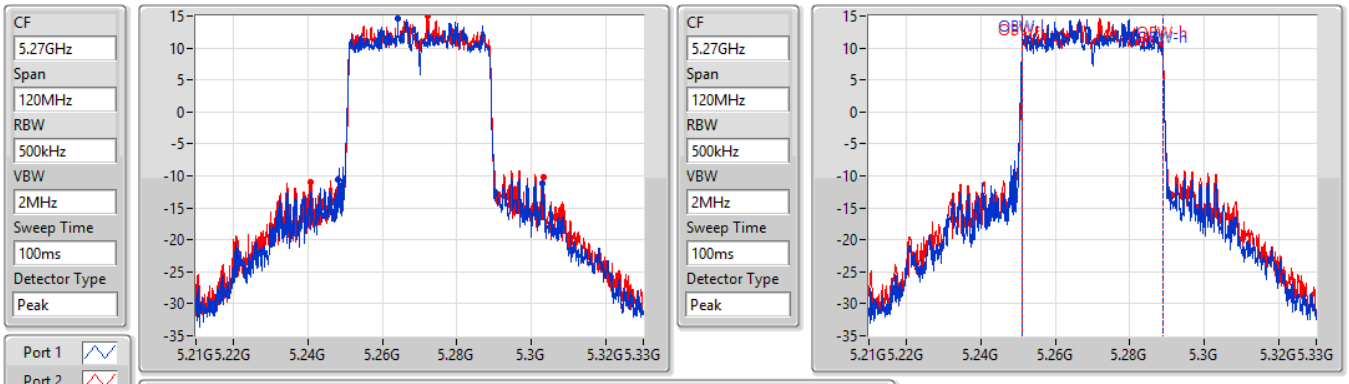
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.47M	5.725G	5.72947G	4.963M	5.725007G	5.72997G	500k	1
4.455M	5.725G	5.729455G	6.177M	5.725007G	5.731184G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5270MHz

16/06/2021



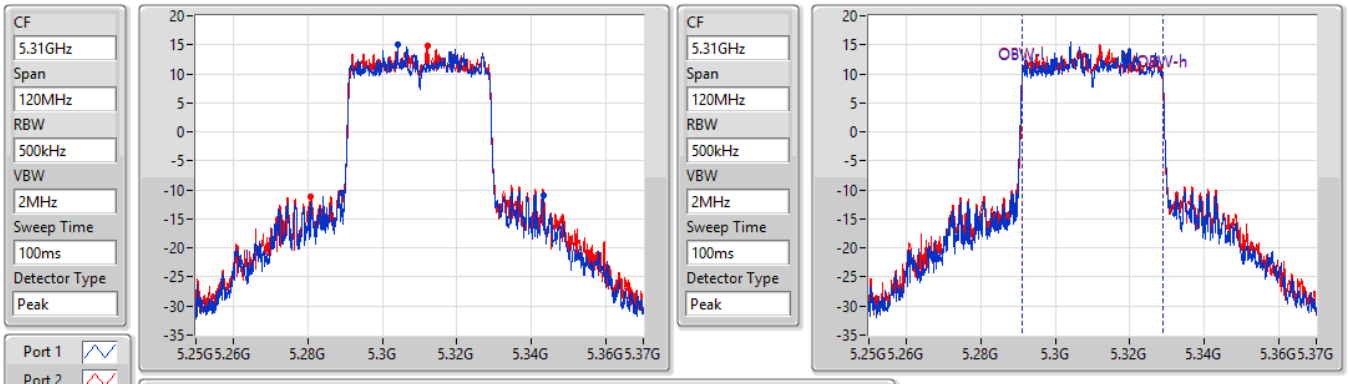
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
54.96M	5.2481G	5.30306G	37.781M	5.251049G	5.288831G	Inf	1
62.34M	5.2409G	5.30324G	37.721M	5.251169G	5.288891G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5310MHz

16/06/2021



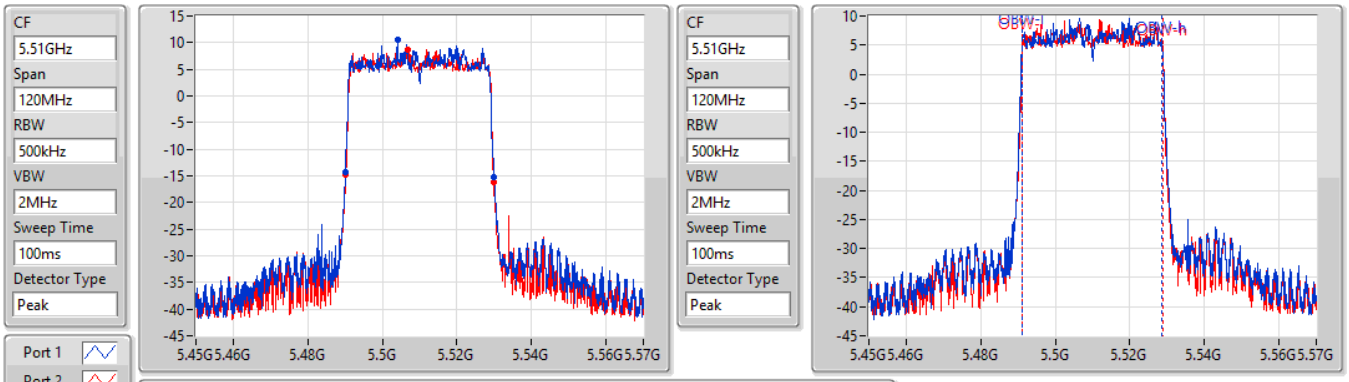
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
54.06M	5.28906G	5.34312G	37.781M	5.291049G	5.328831G	Inf	1
62.46M	5.2809G	5.34336G	37.721M	5.291169G	5.328891G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5510MHz

16/06/2021



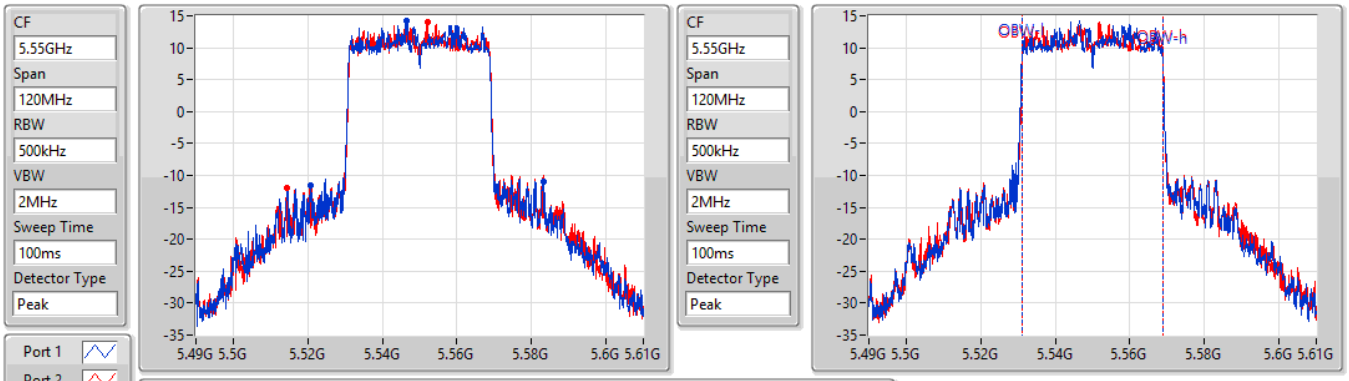
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49008G	5.52998G	37.601M	5.491109G	5.528711G	Inf	1
39.9M	5.49002G	5.52992G	37.541M	5.491229G	5.528771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5550MHz

16/06/2021



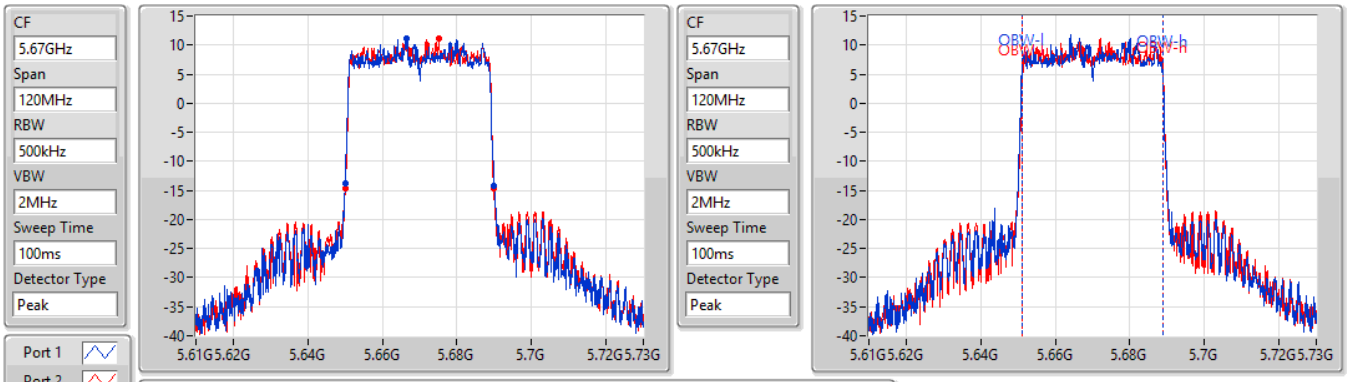
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
62.34M	5.5209G	5.58324G	37.781M	5.531049G	5.568831G	Inf	1
68.82M	5.51448G	5.5833G	37.721M	5.531169G	5.568891G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5670MHz

16/06/2021



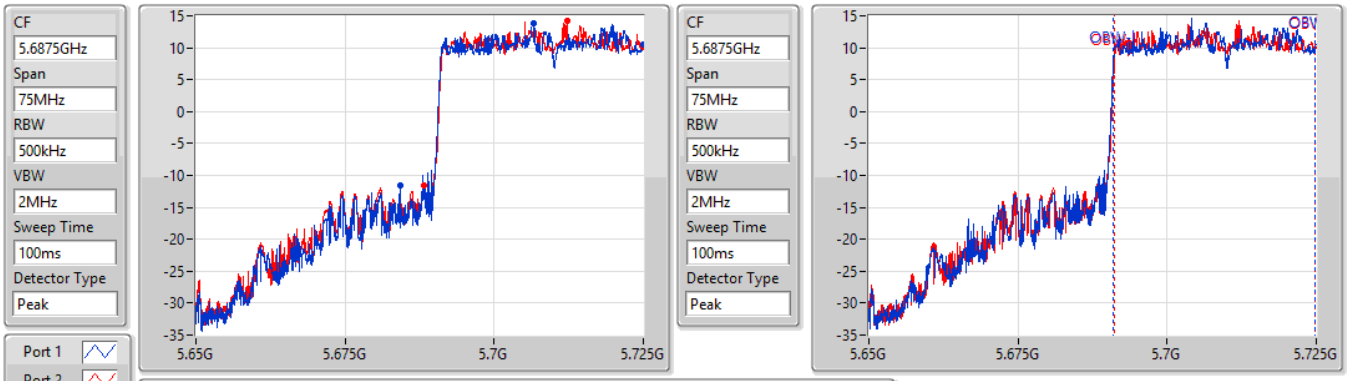
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.65002G	5.69004G	37.661M	5.651109G	5.688771G	Inf	1
39.84M	5.65008G	5.68992G	37.541M	5.651229G	5.688771G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

16/06/2021



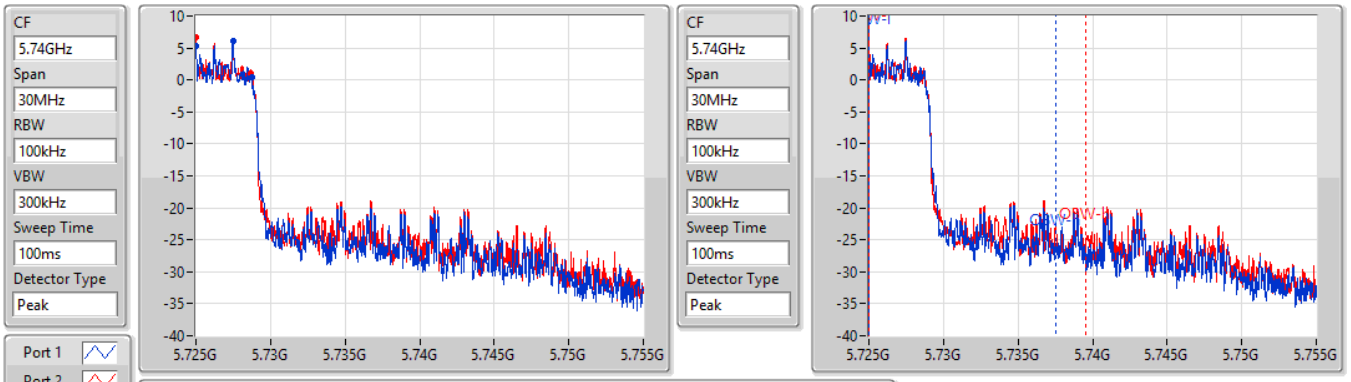
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.838M	5.684163G	5.725G	33.846M	5.690986G	5.724831G	Inf	1
36.788M	5.688213G	5.725G	33.658M	5.691136G	5.724794G	Inf	2

802.11ax HEW40_Nss2,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

16/06/2021



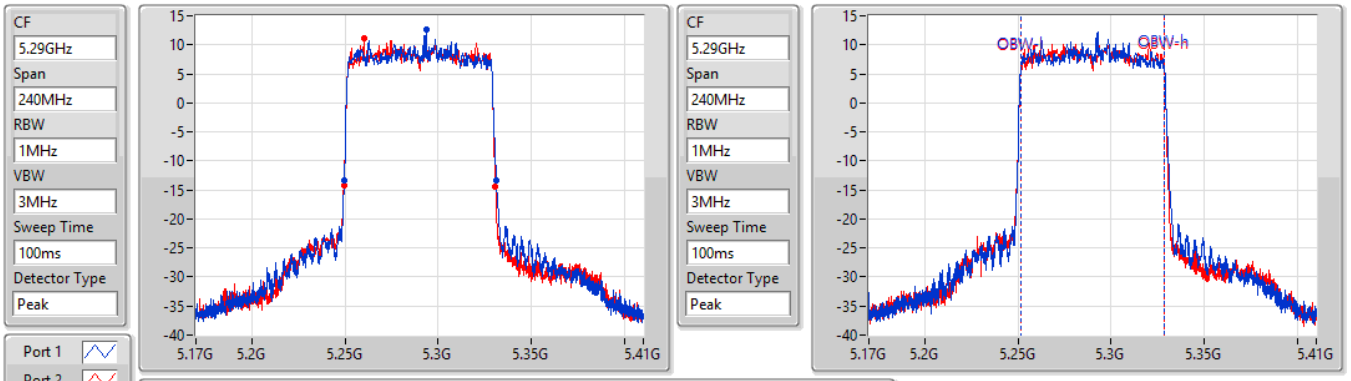
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.75M	5.725G	5.72875G	12.534M	5.725007G	5.737541G	500k	1
3.69M	5.725G	5.72869G	14.573M	5.725007G	5.73958G	500k	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5290MHz

16/06/2021



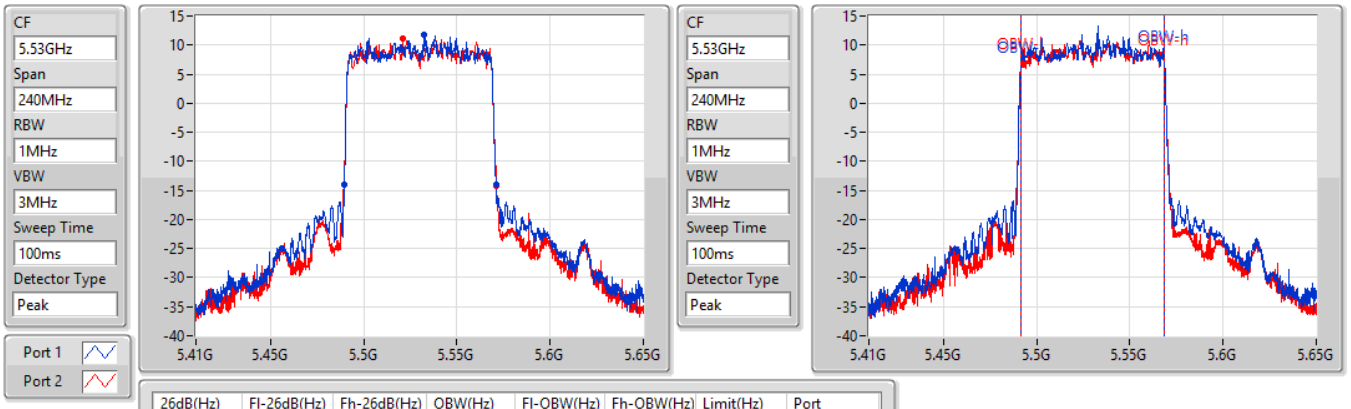
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.24956G	5.33116G	77.121M	5.251499G	5.328621G	Inf	1
81.36M	5.24932G	5.33068G	77.121M	5.251499G	5.328621G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5530MHz

16/06/2021



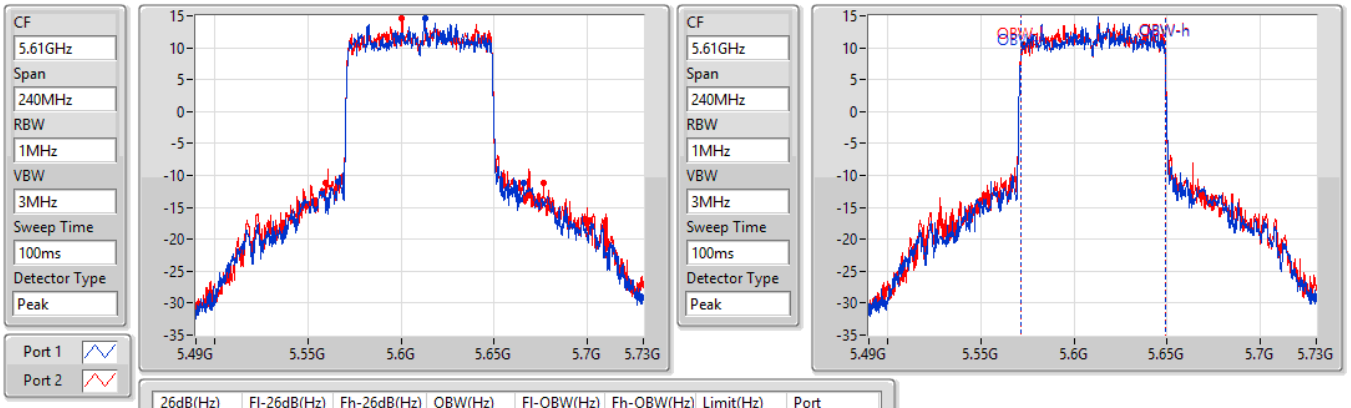
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.48956G	5.57092G	77.121M	5.491499G	5.568621G	Inf	1
81.96M	5.48932G	5.57128G	77.121M	5.491499G	5.568621G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5610MHz

16/06/2021



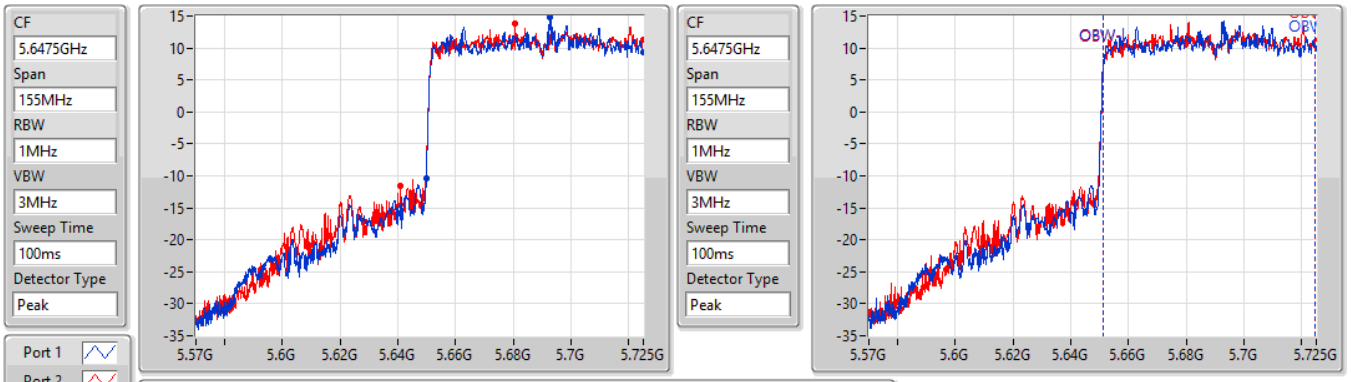
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
99.72M	5.5662G	5.66592G	77.481M	5.571379G	5.648861G	Inf	1
116.64M	5.55984G	5.67648G	77.601M	5.571259G	5.648861G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

16/06/2021



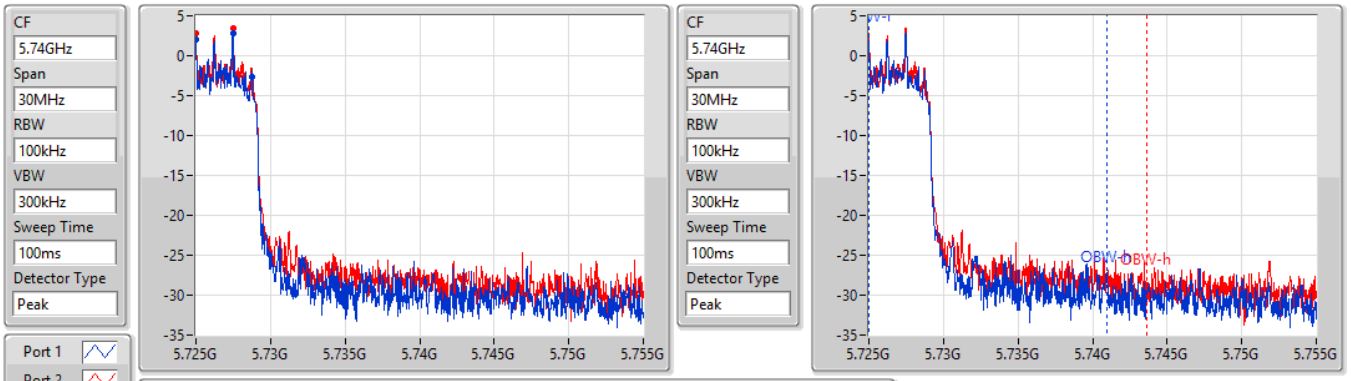
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.253M	5.649748G	5.725G	73.201M	5.651373G	5.724574G	Inf	1
84.165M	5.640835G	5.725G	73.278M	5.651373G	5.724651G	Inf	2

802.11ax HEW80_Nss2,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

16/06/2021



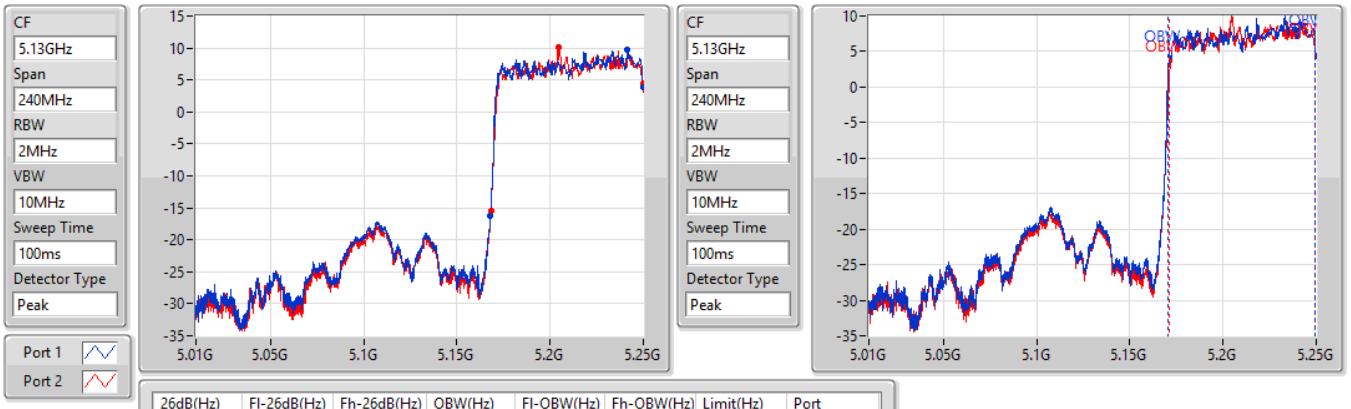
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.795M	5.725G	5.728795G	15.982M	5.725007G	5.74099G	500k	1
3.75M	5.725G	5.72875G	18.621M	5.725007G	5.743628G	500k	2

802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

16/06/2021



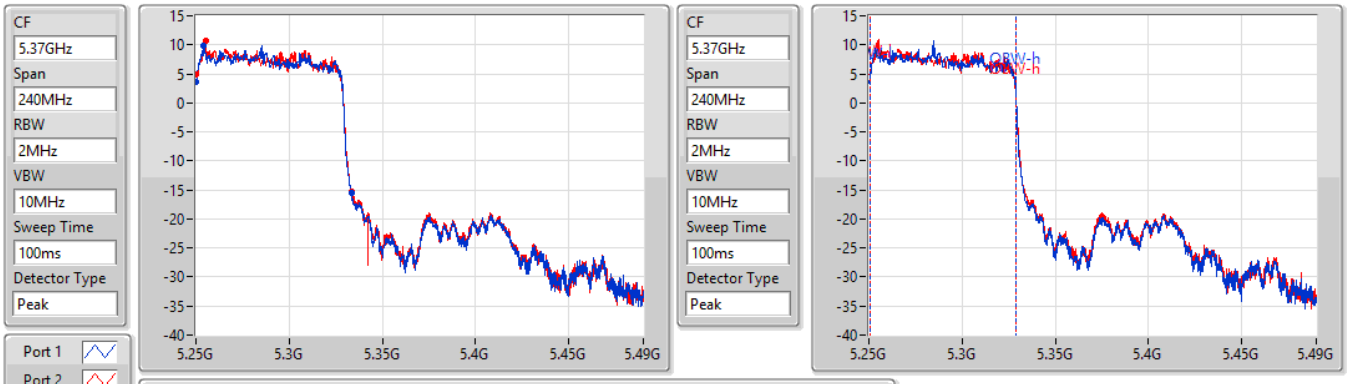
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16804G	5.25G	78.561M	5.17078G	5.24934G	Inf	1
81.84M	5.16816G	5.25G	77.841M	5.171379G	5.24922G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

16/06/2021

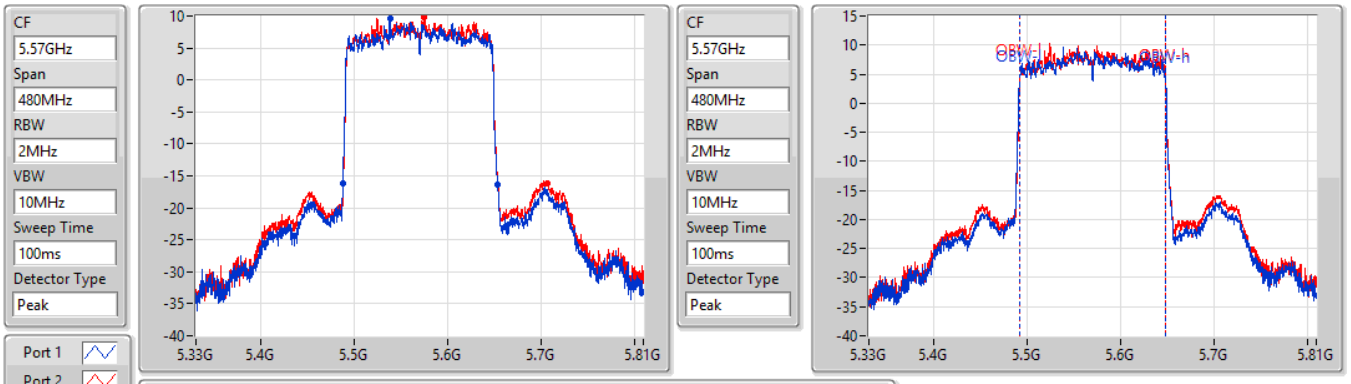


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	5.25G	5.33328G	77.721M	5.2509G	5.328621G	Inf	1
83.76M	5.25G	5.33376G	78.081M	5.25066G	5.328741G	Inf	2

802.11ax HEW160_Nss2,(MCS0)_2TX **EBW**

5570MHz

16/06/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.08M	5.48768G	5.65376G	156.402M	5.491799G	5.648201G	Inf	1
219.36M	5.48816G	5.70752G	155.682M	5.492279G	5.647961G	Inf	2

For Radio 2 / 1T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	24.88	0.30761
802.11ax HEW20_Nss1,(MCS0)_1TX	23.93	0.24717
802.11ax HEW40_Nss1,(MCS0)_1TX	22.18	0.16520
802.11ax HEW80_Nss1,(MCS0)_1TX	19.41	0.08730
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	25.43	0.34914
802.11ax HEW20_Nss1,(MCS0)_1TX	25.28	0.33729
802.11ax HEW40_Nss1,(MCS0)_1TX	25.01	0.31696
802.11ax HEW80_Nss1,(MCS0)_1TX	22.78	0.18967

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	2.31	21.32	21.32	30.00	21.75
5200MHz	Pass	2.31	24.88	24.88	30.00	25.25
5240MHz	Pass	2.31	22.08	22.08	30.00	22
5745MHz	Pass	1.81	25.43	25.43	30.00	26
5785MHz	Pass	1.81	25.16	25.16	30.00	26
5825MHz	Pass	1.81	24.86	24.86	30.00	26
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	2.31	20.70	20.70	30.00	20.75
5200MHz	Pass	2.31	23.93	23.93	30.00	24.5
5240MHz	Pass	2.31	21.98	21.98	30.00	21.75
5745MHz	Pass	1.81	25.28	25.28	30.00	24.5
5785MHz	Pass	1.81	25.14	25.14	30.00	26
5825MHz	Pass	1.81	24.84	24.84	30.00	26
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	2.31	18.83	18.83	30.00	18.75
5230MHz	Pass	2.31	22.18	22.18	30.00	22.25
5755MHz	Pass	1.81	23.84	23.84	30.00	23.5
5795MHz	Pass	1.81	25.01	25.01	30.00	26
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	2.31	19.41	19.41	30.00	19
5775MHz	Pass	1.81	22.78	22.78	30.00	22

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

Note : Conducted setting = Pass conducted setting division 4

For Radio 2 / 1T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.35	0.17179
802.11ax HEW20_Nss1,(MCS0)_1TX	22.28	0.16904
802.11ax HEW40_Nss1,(MCS0)_1TX	22.93	0.19634
802.11ax HEW80_Nss1,(MCS0)_1TX	19.19	0.08299
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.08	0.20324
802.11ax HEW20_Nss1,(MCS0)_1TX	22.79	0.19011
802.11ax HEW40_Nss1,(MCS0)_1TX	23.79	0.23933
802.11ax HEW80_Nss1,(MCS0)_1TX	23.58	0.22803
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.85	0.03846
802.11ax HEW20_Nss1,(MCS0)_1TX	16.27	0.04236
802.11ax HEW40_Nss1,(MCS0)_1TX	13.90	0.02455
802.11ax HEW80_Nss1,(MCS0)_1TX	9.80	0.00955

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	2.37	22.22	22.22	23.98	22.5
5300MHz	Pass	2.37	22.35	22.35	23.98	22.75
5320MHz	Pass	2.37	22.31	22.31	23.98	22.5
5500MHz	Pass	2.15	20.80	20.80	23.98	20.75
5580MHz	Pass	2.15	23.08	23.08	23.98	23.25
5700MHz	Pass	2.15	19.99	19.99	23.98	19.5
5720MHz Straddle 5.47-5.725GHz	Pass	2.15	22.09	22.09	23.98	22.5
5720MHz Straddle 5.725-5.85GHz	Pass	1.81	15.85	15.85	30.00	22.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	2.37	22.28	22.28	23.98	22.25
5300MHz	Pass	2.37	22.04	22.04	23.98	22
5320MHz	Pass	2.37	21.82	21.82	23.98	21.75
5500MHz	Pass	2.15	19.92	19.92	23.98	19.5
5580MHz	Pass	2.15	22.79	22.79	23.98	22.75
5700MHz	Pass	2.15	18.89	18.89	23.98	18
5720MHz Straddle 5.47-5.725GHz	Pass	2.15	21.55	21.55	23.98	21.75
5720MHz Straddle 5.725-5.85GHz	Pass	1.81	16.27	16.27	30.00	21.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	2.37	22.93	22.93	23.98	23.25
5310MHz	Pass	2.37	19.53	19.53	23.98	19.25
5510MHz	Pass	2.15	18.73	18.73	23.98	18
5550MHz	Pass	2.15	23.10	23.10	23.98	22.75
5670MHz	Pass	2.15	21.98	21.98	23.98	21.75
5710MHz Straddle 5.47-5.725GHz	Pass	2.15	23.79	23.79	23.98	23.5
5710MHz Straddle 5.725-5.85GHz	Pass	1.81	13.90	13.90	30.00	23.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	2.37	19.19	19.19	23.98	18.75
5530MHz	Pass	2.15	18.65	18.65	23.98	17.5
5610MHz	Pass	2.15	23.05	23.05	23.98	22.5
5690MHz Straddle 5.47-5.725GHz	Pass	2.15	23.58	23.58	23.98	22.25
5690MHz Straddle 5.725-5.85GHz	Pass	1.81	9.80	9.80	30.00	22.25

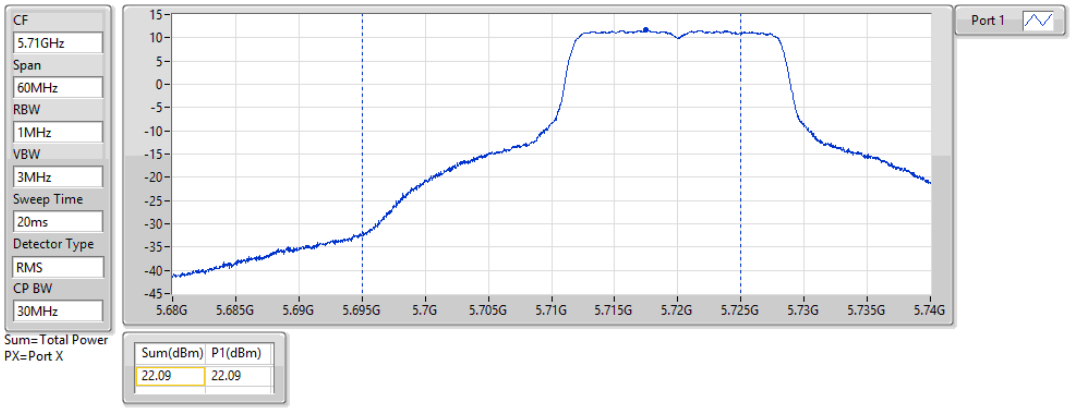
DG = Directional Gain; **Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

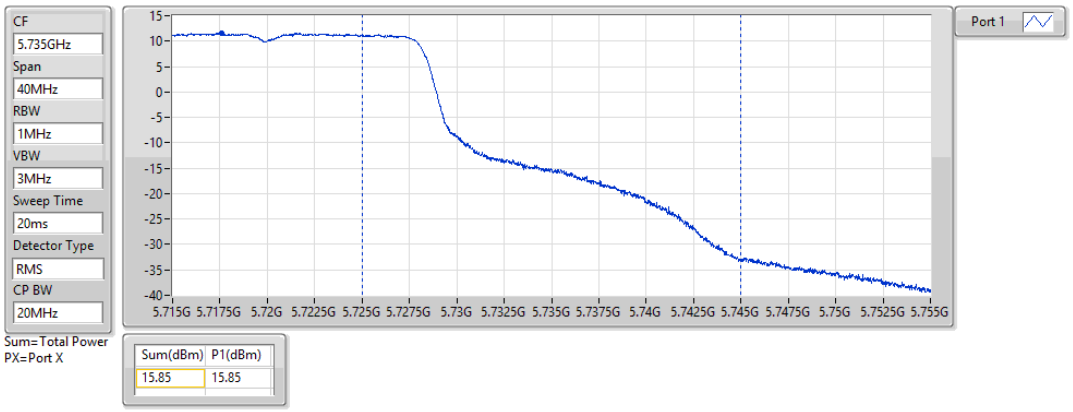
16/06/2021



802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

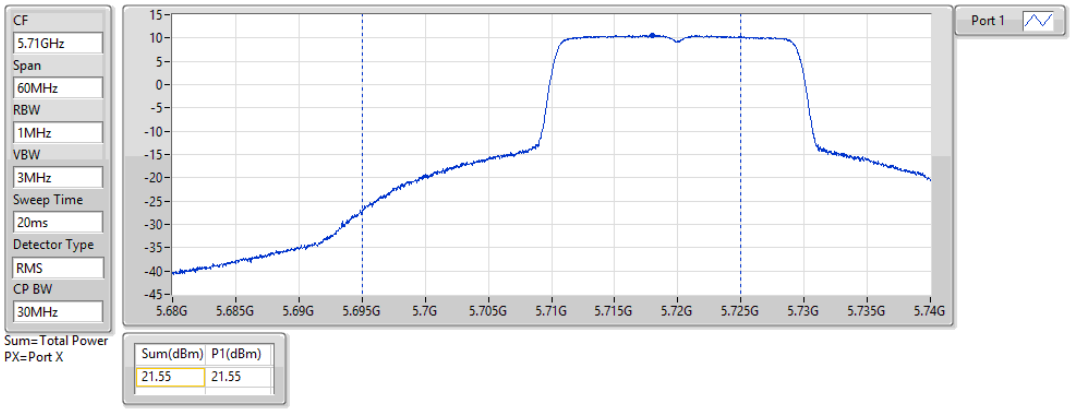
16/06/2021



802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

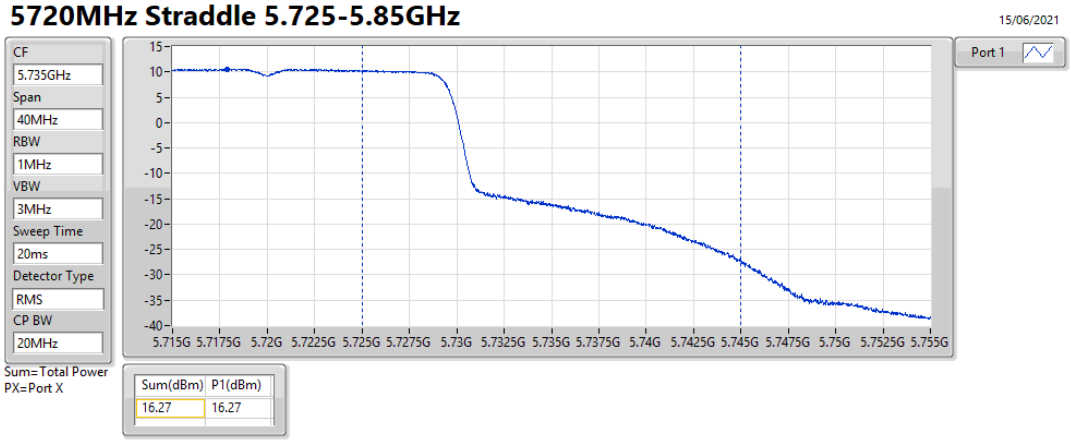
5720MHz Straddle 5.47-5.725GHz

15/06/2021



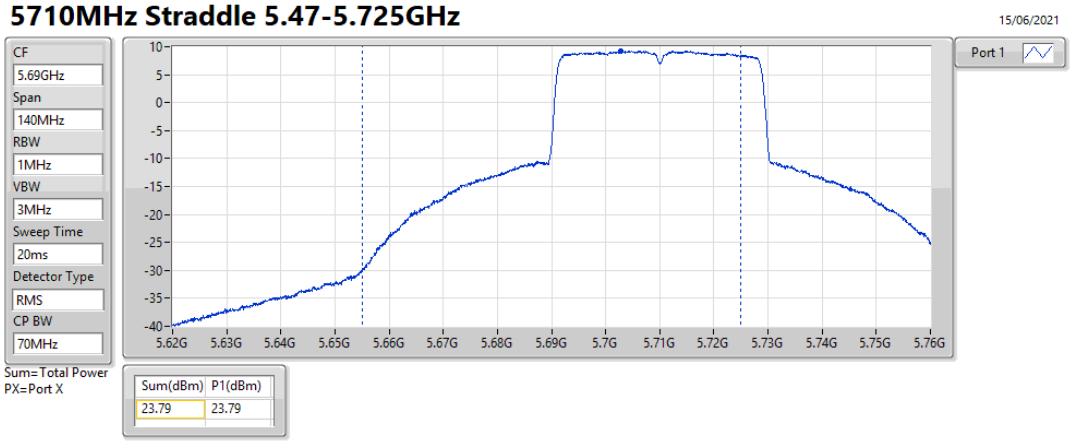
802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



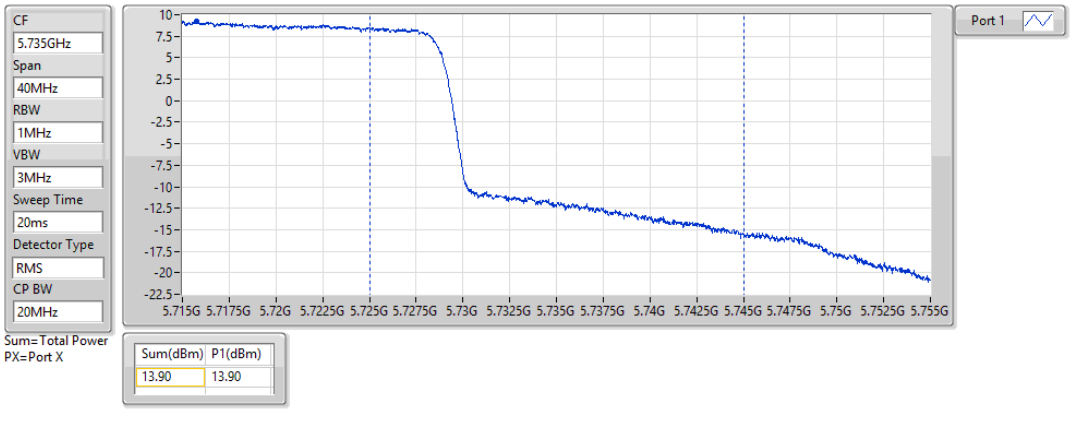
802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



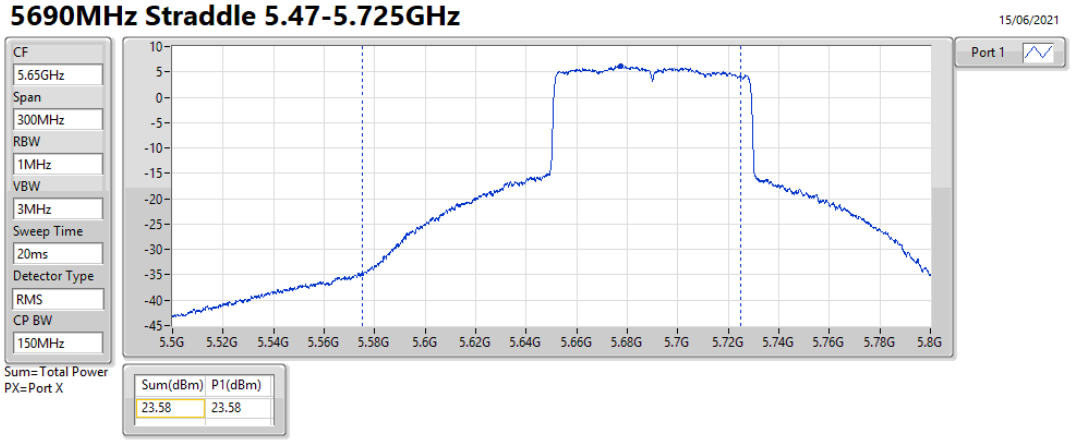
802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



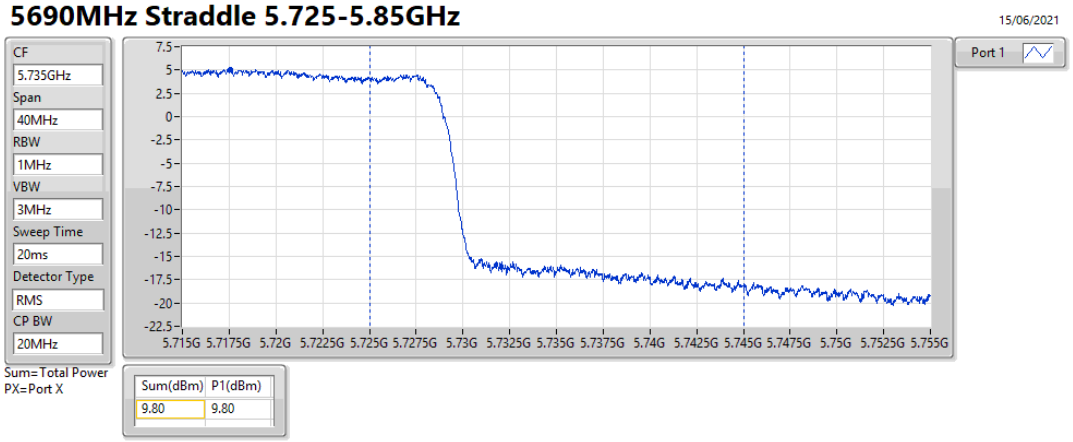
802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



For Radio 2 / 2T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.39	0.54828
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	27.96	0.62517

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	2.31	21.01	20.52	23.78	30.00	20.75
5200MHz	Pass	2.31	25.07	23.57	27.39	30.00	24
5240MHz	Pass	2.31	22.09	21.48	24.81	30.00	21.25
5745MHz	Pass	1.81	25.04	23.76	27.46	30.00	23.25
5785MHz	Pass	1.81	25.15	24.75	27.96	30.00	26
5825MHz	Pass	1.81	24.85	24.45	27.66	30.00	26

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

Note : Conducted setting = Pass conducted setting division 4

For Radio 2 / 2T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.09	0.20370
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.45	0.22131
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	16.71	0.04688

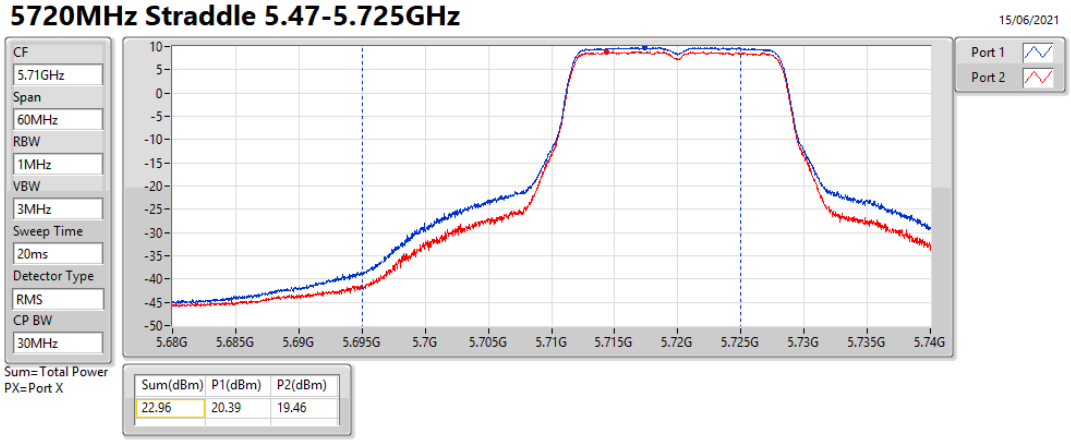
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	2.37	20.00	19.67	22.85	23.98	19.5
5300MHz	Pass	2.37	19.87	19.70	22.80	23.98	19.5
5320MHz	Pass	2.37	20.25	19.90	23.09	23.98	19.75
5500MHz	Pass	2.15	20.25	19.68	22.98	23.98	19.5
5580MHz	Pass	2.15	20.74	20.12	23.45	23.98	20
5700MHz	Pass	2.15	19.15	18.22	21.72	23.98	17.75
5720MHz Straddle 5.47-5.725GHz	Pass	2.15	20.39	19.46	22.96	23.04	19.25
5720MHz Straddle 5.725-5.85GHz	Pass	1.81	14.21	13.12	16.71	30.00	19.25

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

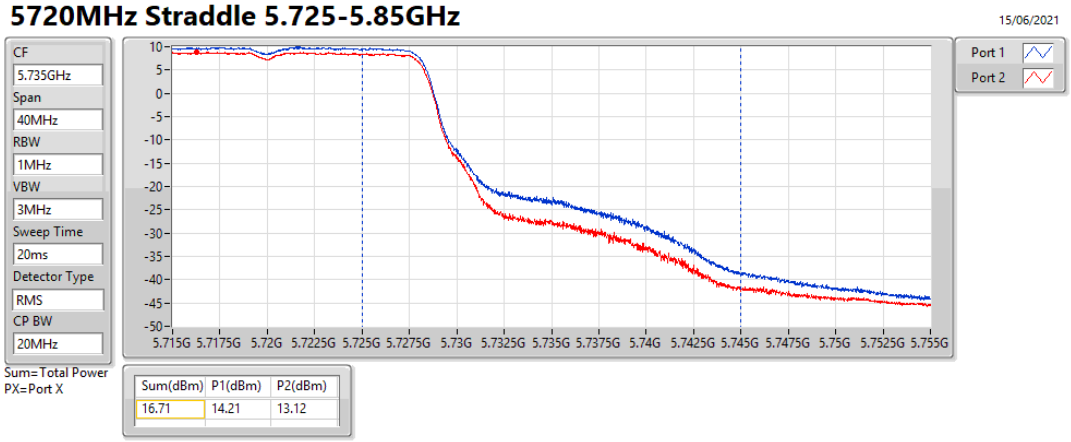
802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



For Radio 2 / 2T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	26.53	0.44978
802.11ax HEW40_Nss2,(MCS0)_2TX	24.98	0.31477
802.11ax HEW80_Nss2,(MCS0)_2TX	20.54	0.11324
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	28.01	0.63241
802.11ax HEW40_Nss2,(MCS0)_2TX	27.22	0.52723
802.11ax HEW80_Nss2,(MCS0)_2TX	22.66	0.18450

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	2.31	20.33	20.00	23.18	30.00	19.75
5200MHz	Pass	2.31	23.96	23.03	26.53	30.00	23.25
5240MHz	Pass	2.31	22.20	21.47	24.86	30.00	21.00
5745MHz	Pass	1.81	25.03	23.88	27.50	30.00	23.25
5785MHz	Pass	1.81	25.12	24.87	28.01	30.00	26.00
5825MHz	Pass	1.81	24.89	24.58	27.75	30.00	26.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	2.31	18.79	18.22	21.52	30.00	18.25
5230MHz	Pass	2.31	22.39	21.51	24.98	30.00	21.75
5755MHz	Pass	1.81	23.62	22.78	26.23	30.00	22.50
5795MHz	Pass	1.81	24.60	23.78	27.22	30.00	24.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	2.31	17.62	17.43	20.54	30.00	17.25
5775MHz	Pass	1.81	19.87	19.41	22.66	30.00	19.25

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

Note : Conducted setting = Pass conducted setting division 4

For Radio 2 / 2T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.37	0.21727
802.11ax HEW40_Nss2,(MCS0)_2TX	23.97	0.24946
802.11ax HEW80_Nss2,(MCS0)_2TX	19.78	0.09506
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.66	0.23227
802.11ax HEW40_Nss2,(MCS0)_2TX	23.92	0.24660
802.11ax HEW80_Nss2,(MCS0)_2TX	23.65	0.23174
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.01	0.06324
802.11ax HEW40_Nss2,(MCS0)_2TX	14.05	0.02541
802.11ax HEW80_Nss2,(MCS0)_2TX	9.97	0.00993

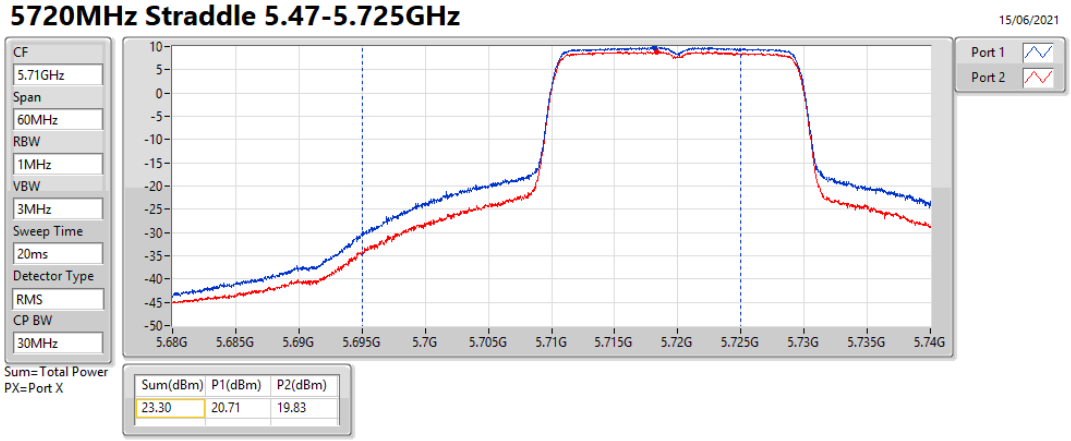
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	2.37	20.48	20.18	23.34	23.98	19.75
5300MHz	Pass	2.37	20.44	20.27	23.37	23.98	19.75
5320MHz	Pass	2.37	20.41	20.15	23.29	23.98	19.75
5500MHz	Pass	2.15	20.17	19.63	22.92	23.98	19.25
5580MHz	Pass	2.15	20.82	20.48	23.66	23.98	20.00
5700MHz	Pass	2.15	19.26	18.54	21.93	23.98	17.75
5720MHz Straddle 5.47-5.725GHz	Pass	2.15	20.71	19.83	23.30	23.47	19.50
5720MHz Straddle 5.725-5.85GHz	Pass	1.81	15.47	14.47	18.01	30.00	19.50
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	2.37	21.26	20.64	23.97	23.98	20.50
5310MHz	Pass	2.37	17.53	17.59	20.57	23.98	17.00
5510MHz	Pass	2.15	16.21	16.23	19.23	23.98	15.25
5550MHz	Pass	2.15	20.98	20.57	23.79	23.98	20.00
5670MHz	Pass	2.15	20.68	19.55	23.16	23.98	19.25
5710MHz Straddle 5.47-5.725GHz	Pass	2.15	21.40	20.35	23.92	23.98	19.50
5710MHz Straddle 5.725-5.85GHz	Pass	1.81	11.66	10.32	14.05	30.00	19.50
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	2.37	17.08	16.44	19.78	23.98	16.50
5530MHz	Pass	2.15	16.50	16.27	19.40	23.98	15.50
5610MHz	Pass	2.15	21.11	20.06	23.63	23.98	20.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.15	21.08	20.16	23.65	23.98	19.25
5690MHz Straddle 5.725-5.85GHz	Pass	1.81	7.54	6.29	9.97	30.00	19.25

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

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

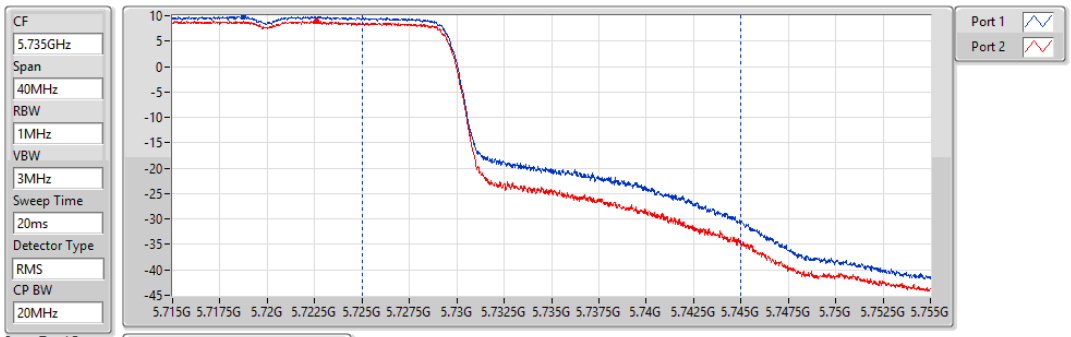
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
23.30	20.71	19.83

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

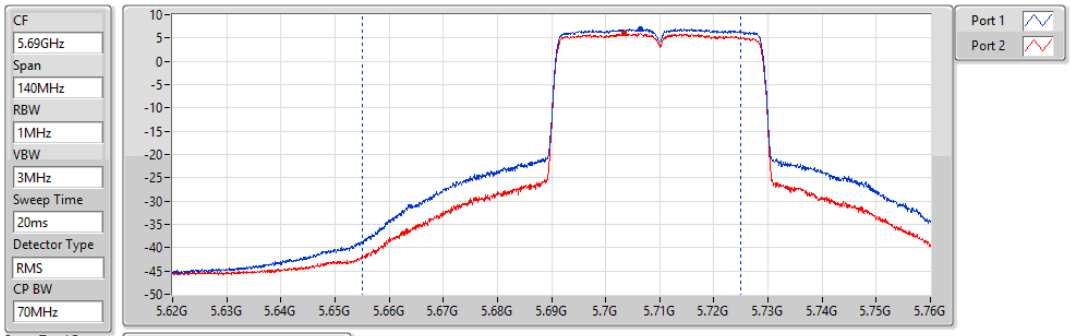
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
18.01	15.47	14.47

802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

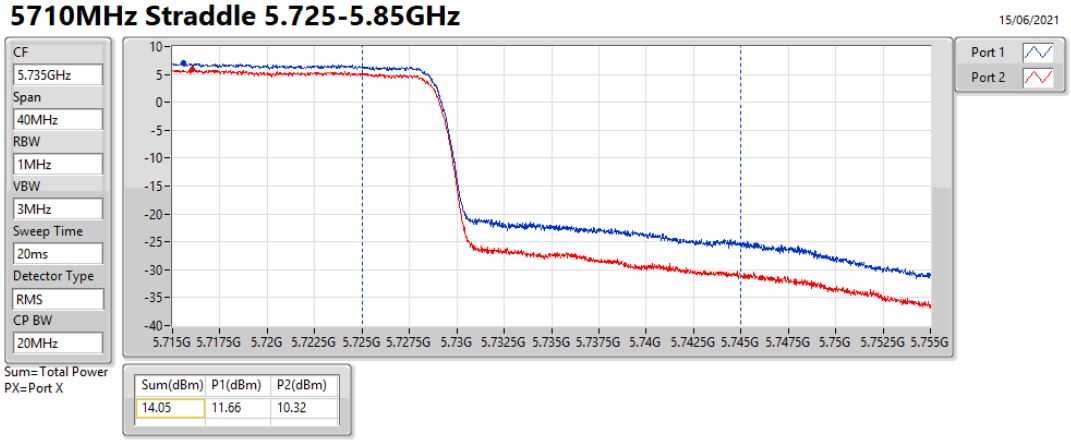
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
23.92	21.40	20.35

802.11ax HEW40_Nss2,(MCS0)_2TX AV Power

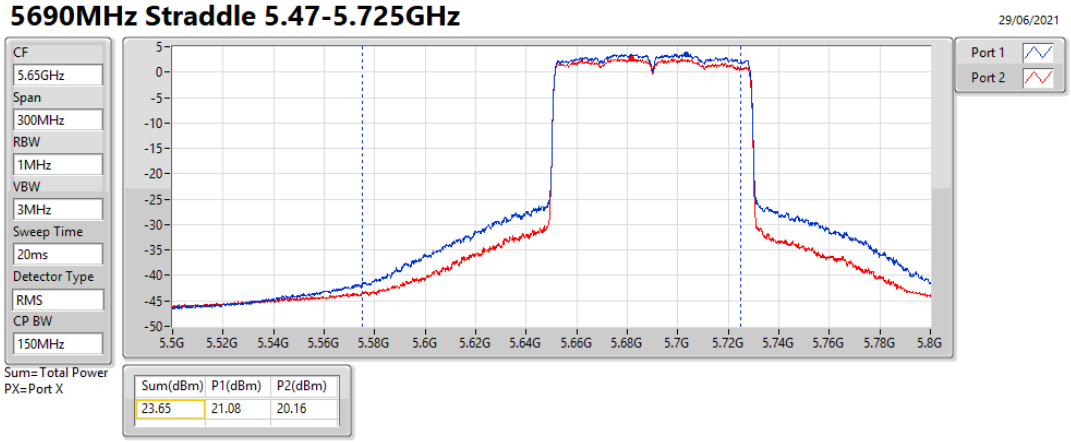
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
14.05	11.66	10.32

802.11ax HEW80_Nss2,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
23.65	21.08	20.16

802.11ax HEW80_Nss2,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz

Sum(dBm)	P1(dBm)	P2(dBm)
9.97	7.54	6.29

For Scaning radio 3 / 2T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	26.95	0.49545
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	29.50	0.89125

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	5.91	20.62	21.18	23.92	30.00	20.5
5200MHz	Pass	5.91	23.50	24.34	26.95	30.00	25
5240MHz	Pass	5.91	22.24	22.84	25.56	30.00	22.75
5745MHz	Pass	5.80	24.88	24.51	27.71	30.00	25
5785MHz	Pass	5.80	26.40	26.57	29.50	30.00	27
5825MHz	Pass	5.80	26.44	25.47	28.99	30.00	25.75

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

Note : Conducted setting = Pass conducted setting division 4

For Scaning radio 3 / 2T1S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.98	0.12531
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.42	0.13868
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.62	0.02897

Result

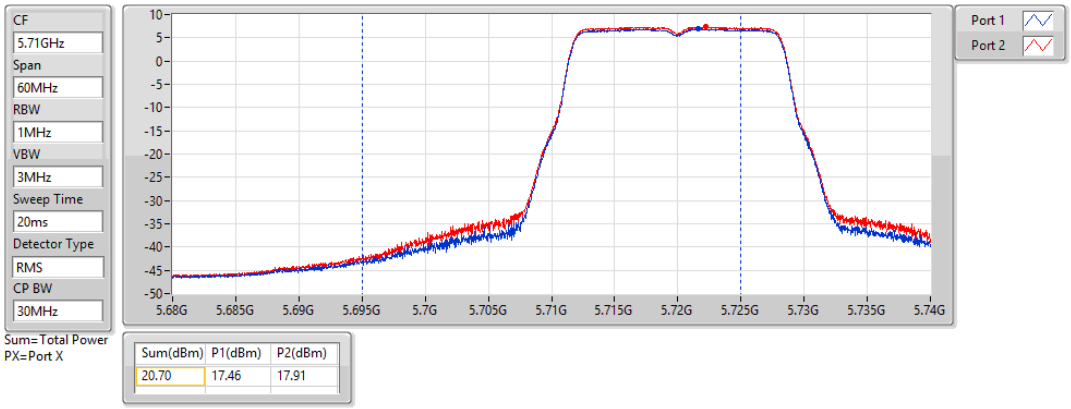
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.91	17.82	18.03	20.94	23.98	17
5300MHz	Pass	5.91	17.73	17.99	20.87	23.98	17.25
5320MHz	Pass	5.91	17.83	18.10	20.98	23.98	17.5
5500MHz	Pass	5.39	16.88	17.25	20.08	23.98	16
5580MHz	Pass	5.39	18.29	18.52	21.42	23.98	17.25
5700MHz	Pass	5.39	16.76	16.87	19.83	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	5.39	17.46	17.91	20.70	22.92	16.75
5720MHz Straddle 5.725-5.85GHz	Pass	5.80	11.36	11.84	14.62	30.00	16.75

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

802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

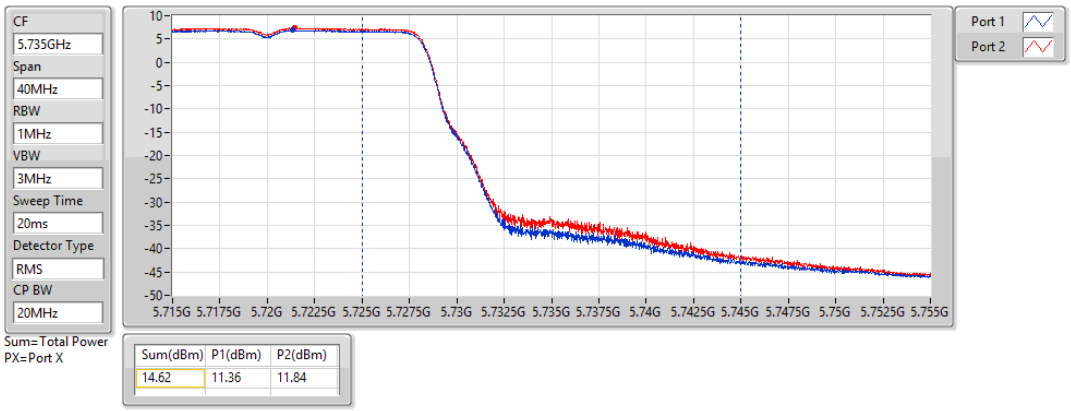
16/06/2021



802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

16/06/2021



For Scaning radio 3 / 2T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	26.64	0.46132
802.11ax HEW40_Nss2,(MCS0)_2TX	25.27	0.33651
802.11ax HEW80_Nss2,(MCS0)_2TX	20.63	0.11561
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	29.47	0.88512
802.11ax HEW40_Nss2,(MCS0)_2TX	27.94	0.62230
802.11ax HEW80_Nss2,(MCS0)_2TX	25.04	0.31915

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	5.53	19.96	20.28	23.13	30.00	19.00
5200MHz	Pass	5.53	23.35	23.89	26.64	30.00	24.00
5240MHz	Pass	5.53	22.32	22.96	25.66	30.00	22.50
5745MHz	Pass	5.71	25.02	24.57	27.81	30.00	25.00
5785MHz	Pass	5.71	26.37	26.55	29.47	30.00	27.00
5825MHz	Pass	5.71	26.39	26.10	29.26	30.00	25.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	5.53	16.95	16.70	19.84	30.00	16.25
5230MHz	Pass	5.53	22.07	22.44	25.27	30.00	22.75
5755MHz	Pass	5.71	24.21	24.25	27.24	30.00	25.00
5795MHz	Pass	5.71	25.03	24.82	27.94	30.00	26.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	5.53	17.67	17.56	20.63	30.00	17.25
5775MHz	Pass	5.71	21.85	22.21	25.04	30.00	22.25

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

Note : Conducted setting = Pass conducted setting division 4

For Scaning radio 3 / 2T2S
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	17.30	0.05370
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.49	0.22336
802.11ax HEW40_Nss2,(MCS0)_2TX	23.82	0.24099
802.11ax HEW80_Nss2,(MCS0)_2TX	19.97	0.09931
802.11ax HEW160_Nss2,(MCS0)_2TX	17.68	0.05861
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.77	0.23823
802.11ax HEW40_Nss2,(MCS0)_2TX	23.82	0.24099
802.11ax HEW80_Nss2,(MCS0)_2TX	23.96	0.24889
802.11ax HEW160_Nss2,(MCS0)_2TX	18.95	0.07852
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.15	0.06531
802.11ax HEW40_Nss2,(MCS0)_2TX	14.22	0.02642
802.11ax HEW80_Nss2,(MCS0)_2TX	10.72	0.01180

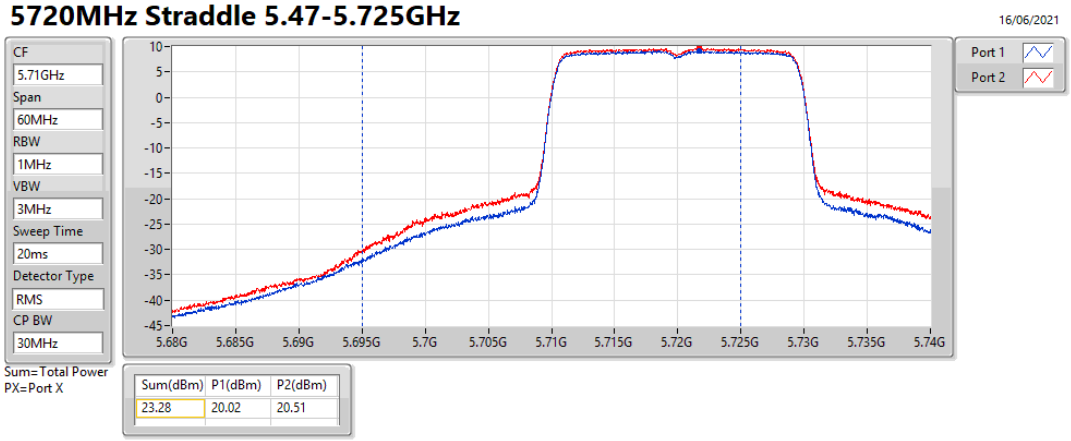
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.53	20.37	20.58	23.49	23.98	19.75
5300MHz	Pass	5.53	20.23	20.48	23.37	23.98	20.00
5320MHz	Pass	5.53	19.18	19.48	22.34	23.98	18.75
5500MHz	Pass	5.25	19.41	19.52	22.48	23.98	18.50
5580MHz	Pass	5.25	20.57	20.94	23.77	23.98	20.00
5700MHz	Pass	5.25	17.02	17.52	20.29	23.98	15.50
5720MHz Straddle 5.47-5.725GHz	Pass	5.25	20.02	20.51	23.28	23.74	19.25
5720MHz Straddle 5.725-5.85GHz	Pass	5.71	14.90	15.37	18.15	30.00	19.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	5.53	20.50	21.02	23.78	23.98	20.75
5310MHz	Pass	5.53	20.56	21.04	23.82	23.98	21.00
5510MHz	Pass	5.25	16.02	15.99	19.02	23.98	15.00
5550MHz	Pass	5.25	20.51	20.67	23.60	23.98	20.00
5670MHz	Pass	5.25	17.49	17.81	20.66	23.98	16.50
5710MHz Straddle 5.47-5.725GHz	Pass	5.25	20.62	20.99	23.82	23.98	19.50
5710MHz Straddle 5.725-5.85GHz	Pass	5.71	11.04	11.38	14.22	30.00	19.50
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	5.53	16.76	17.15	19.97	23.98	16.50
5530MHz	Pass	5.25	17.85	17.76	20.82	23.98	17.25
5610MHz	Pass	5.25	20.36	20.77	23.58	23.98	20.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.25	20.74	21.15	23.96	23.98	19.25
5690MHz Straddle 5.725-5.85GHz	Pass	5.71	7.43	7.97	10.72	30.00	19.25
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.53	14.32	14.25	17.30	30.00	15.50
5250MHz Straddle 5.25-5.35GHz	Pass	5.53	14.58	14.75	17.68	23.98	15.50
5570MHz	Pass	5.25	15.66	16.21	18.95	23.98	15.00

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

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

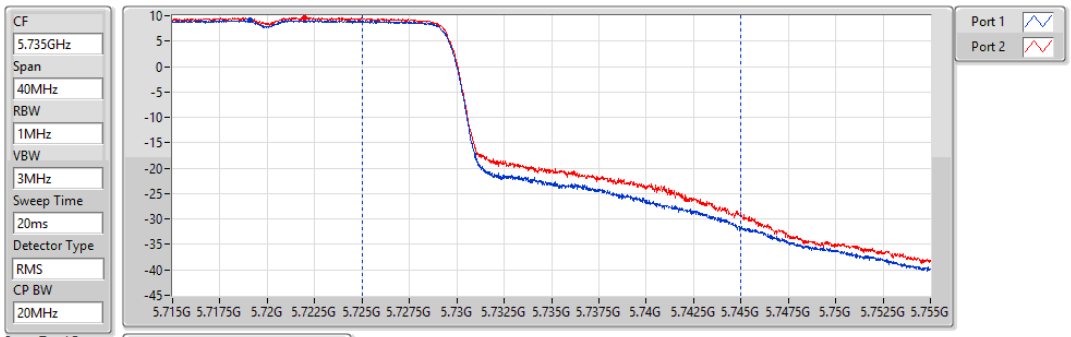
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
23.28	20.02	20.51

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

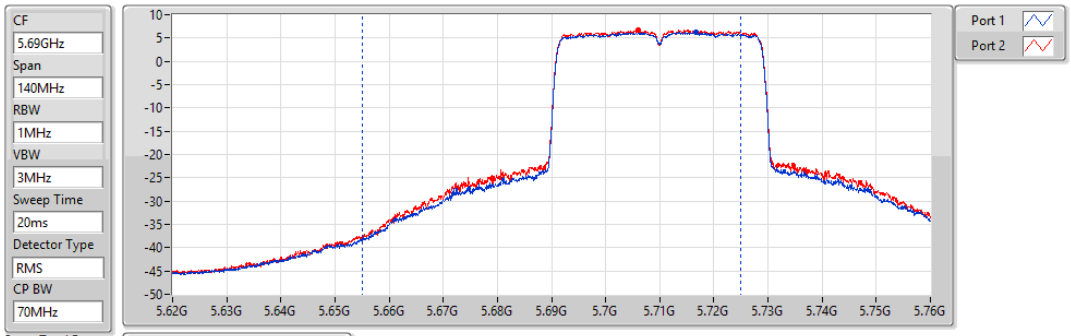
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
18.15	14.90	15.37

802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

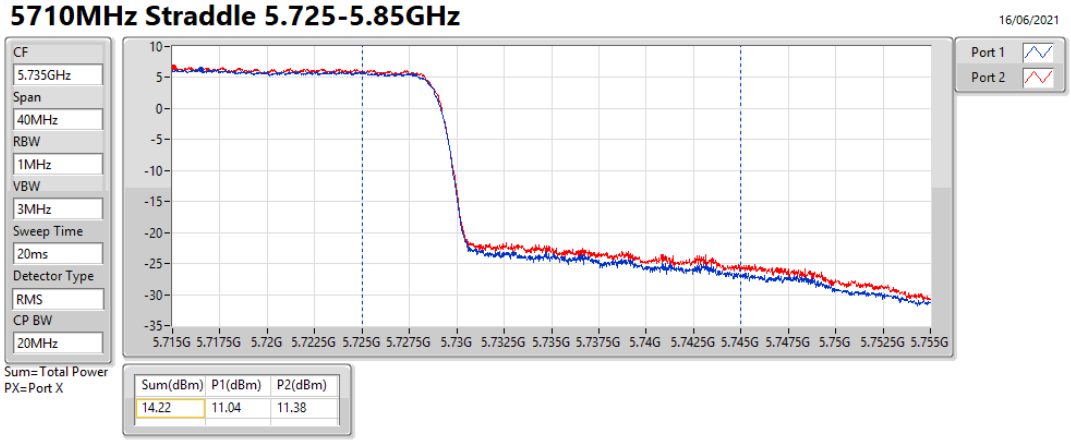
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
23.82	20.62	20.99

802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

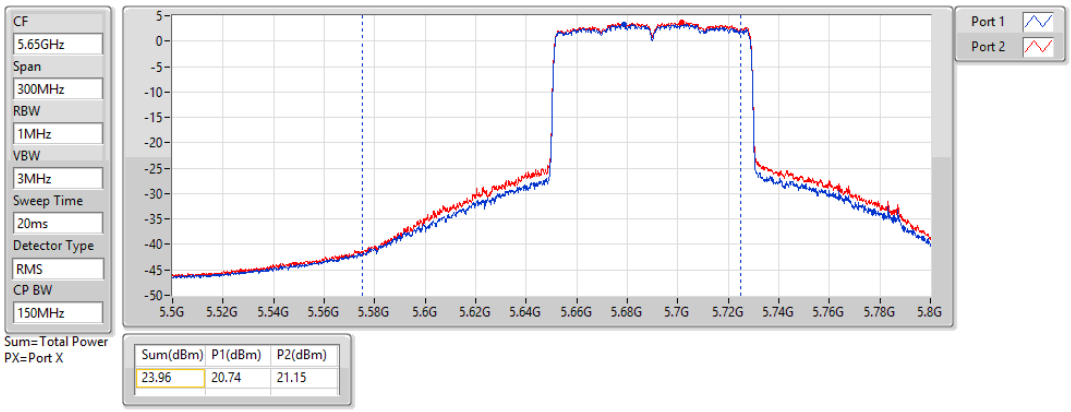
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
14.22	11.04	11.38

802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

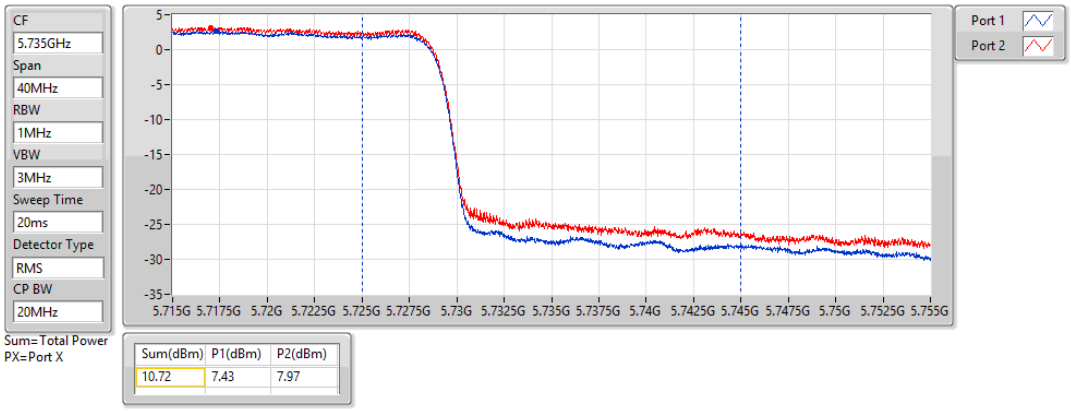
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
23.96	20.74	21.15

802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

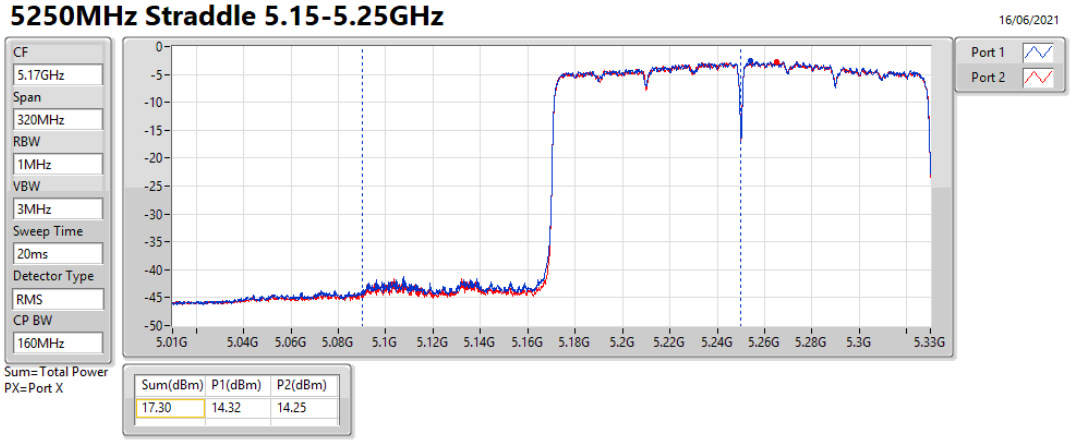
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
10.72	7.43	7.97

802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

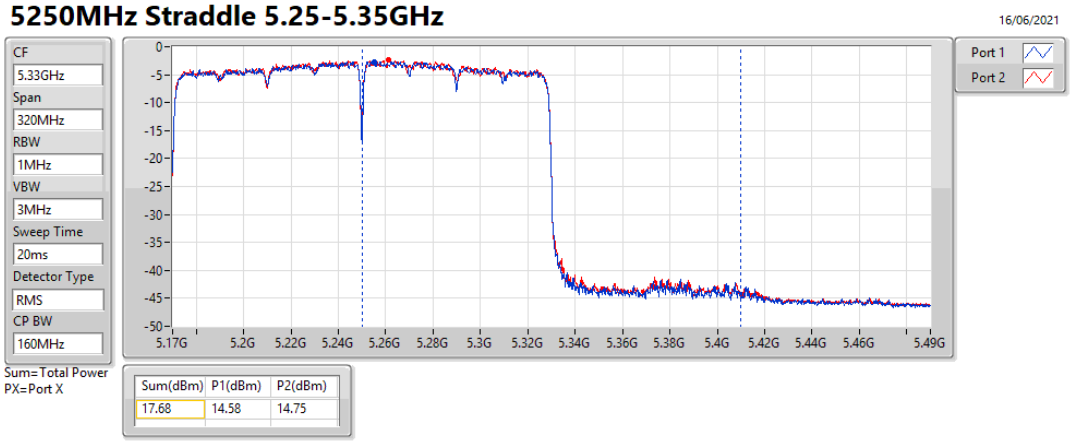
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)
17.30	14.32	14.25

802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)
17.68	14.58	14.75

For Radio 2 / 1T1S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	12.37
802.11ax HEW20_Nss1,(MCS0)_1TX	10.84
802.11ax HEW40_Nss1,(MCS0)_1TX	6.61
802.11ax HEW80_Nss1,(MCS0)_1TX	1.30
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.27
802.11ax HEW20_Nss1,(MCS0)_1TX	10.66
802.11ax HEW40_Nss1,(MCS0)_1TX	7.55
802.11ax HEW80_Nss1,(MCS0)_1TX	3.10

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

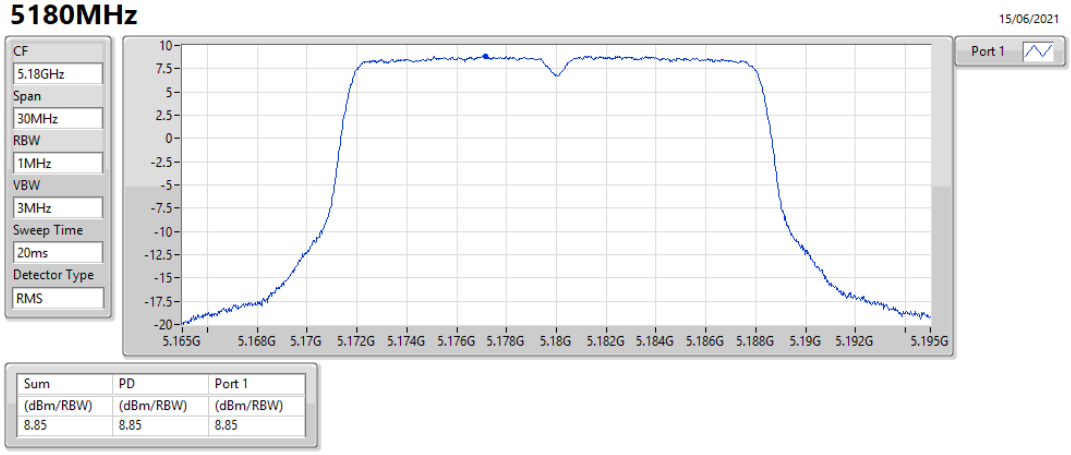
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.31	8.85	8.85	17.00
5200MHz	Pass	2.31	12.37	12.37	17.00
5240MHz	Pass	2.31	9.86	9.86	17.00
5745MHz	Pass	1.81	11.27	11.27	30.00
5785MHz	Pass	1.81	10.87	10.87	30.00
5825MHz	Pass	1.81	10.55	10.55	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.31	7.69	7.69	17.00
5200MHz	Pass	2.31	10.84	10.84	17.00
5240MHz	Pass	2.31	9.16	9.16	17.00
5745MHz	Pass	1.81	10.66	10.66	30.00
5785MHz	Pass	1.81	10.28	10.28	30.00
5825MHz	Pass	1.81	9.97	9.97	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.31	3.25	3.25	17.00
5230MHz	Pass	2.31	6.61	6.61	17.00
5755MHz	Pass	1.81	6.80	6.80	30.00
5795MHz	Pass	1.81	7.55	7.55	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	2.31	1.30	1.30	17.00
5775MHz	Pass	1.81	3.10	3.10	30.00

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

802.11a_Nss1,(6Mbps)_1TX PSD

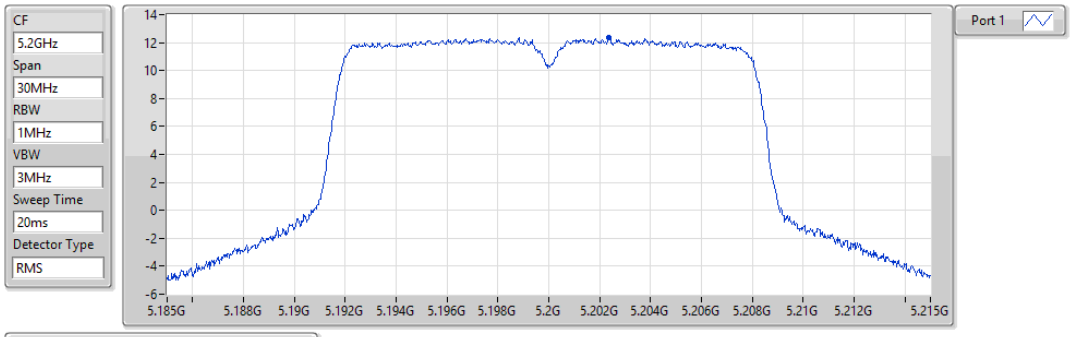
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	8.85

802.11a_Nss1,(6Mbps)_1TX PSD

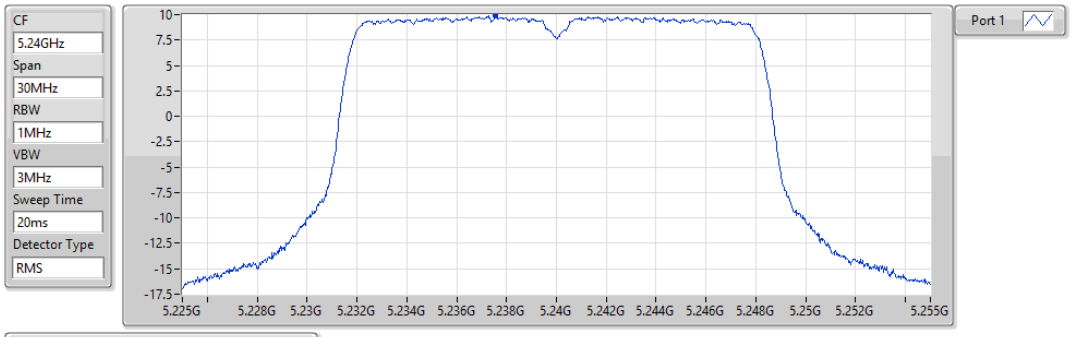
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.37	12.37	12.37

802.11a_Nss1,(6Mbps)_1TX PSD

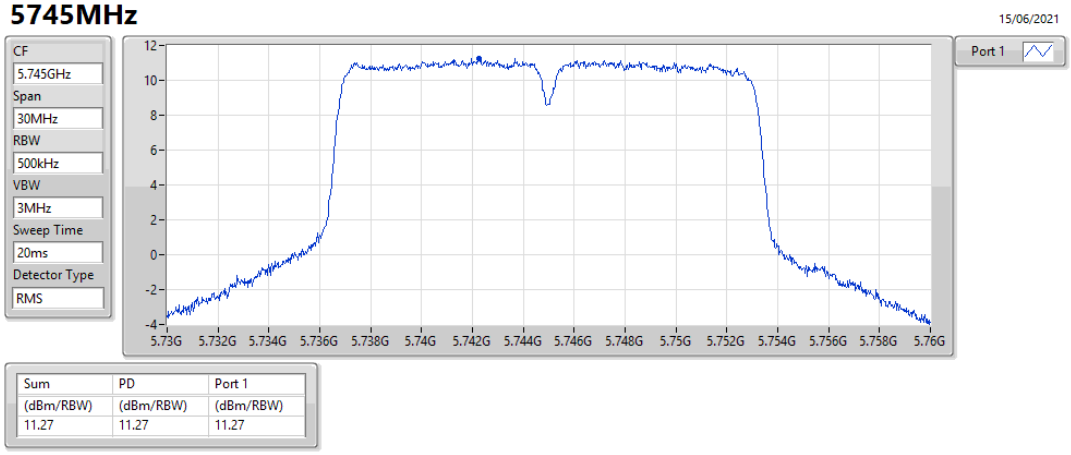
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	9.86

802.11a_Nss1,(6Mbps)_1TX PSD

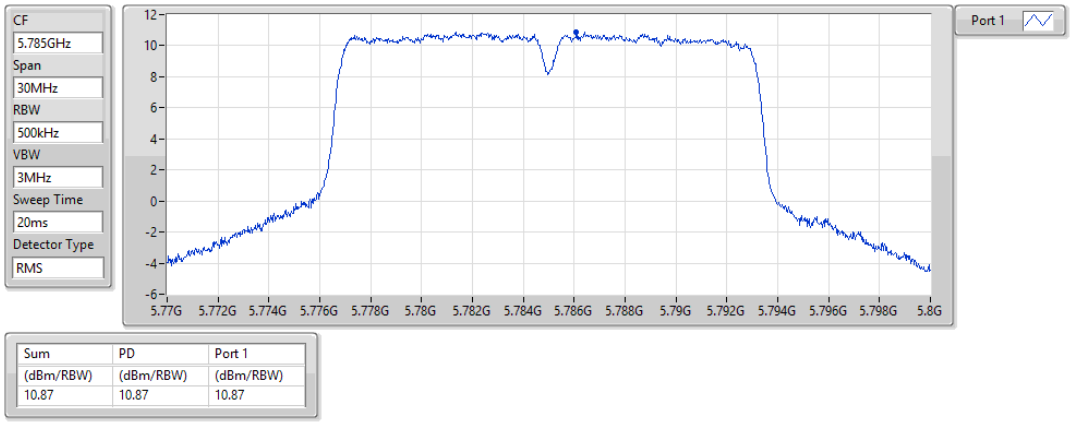
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.27	11.27	11.27

802.11a_Nss1,(6Mbps)_1TX PSD

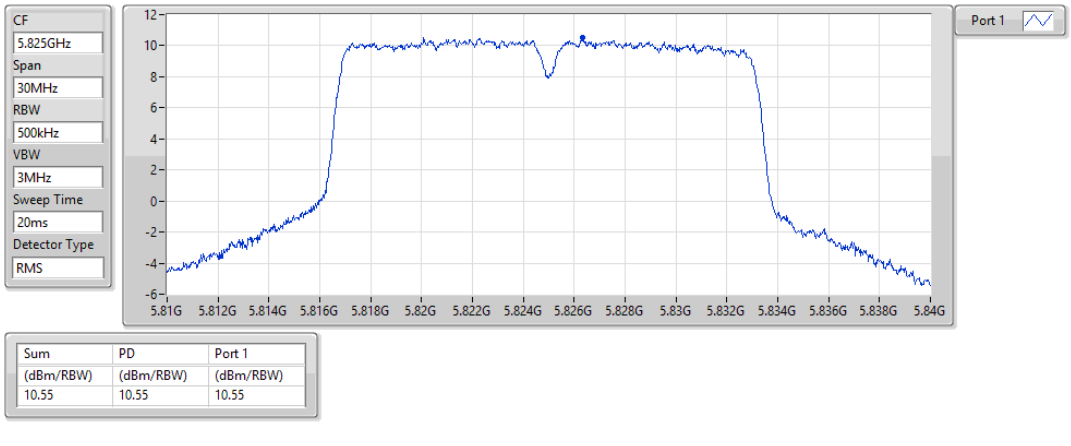
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	10.87

802.11a_Nss1,(6Mbps)_1TX PSD

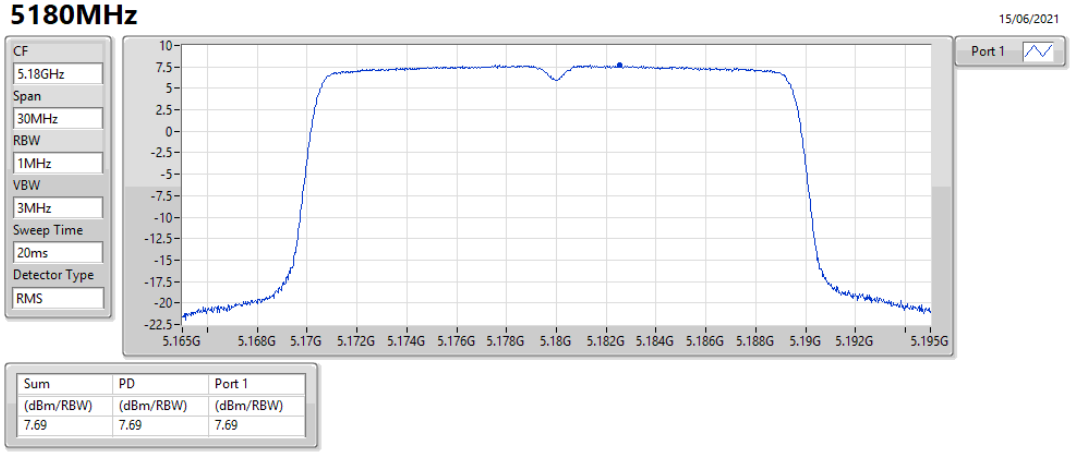
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	10.55

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

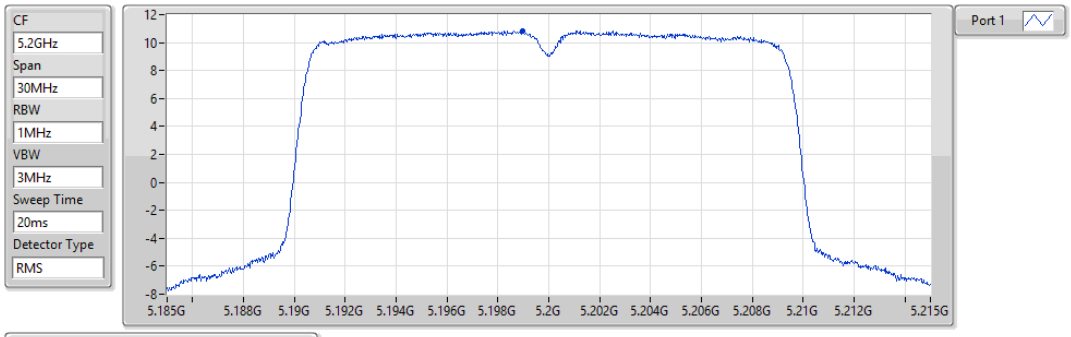
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	7.69

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

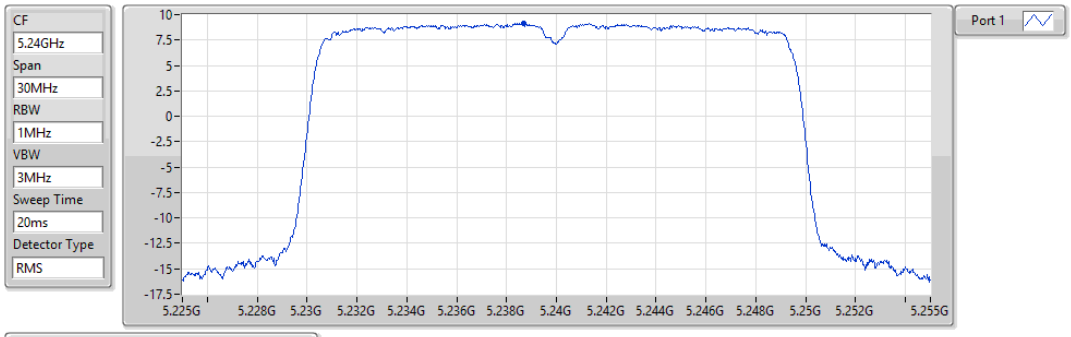
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	10.84

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

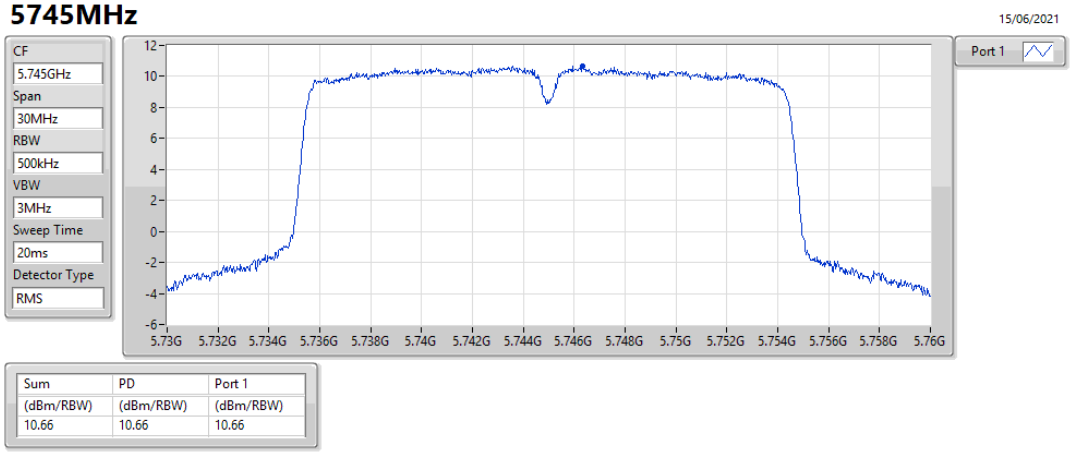
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.16	9.16	9.16

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

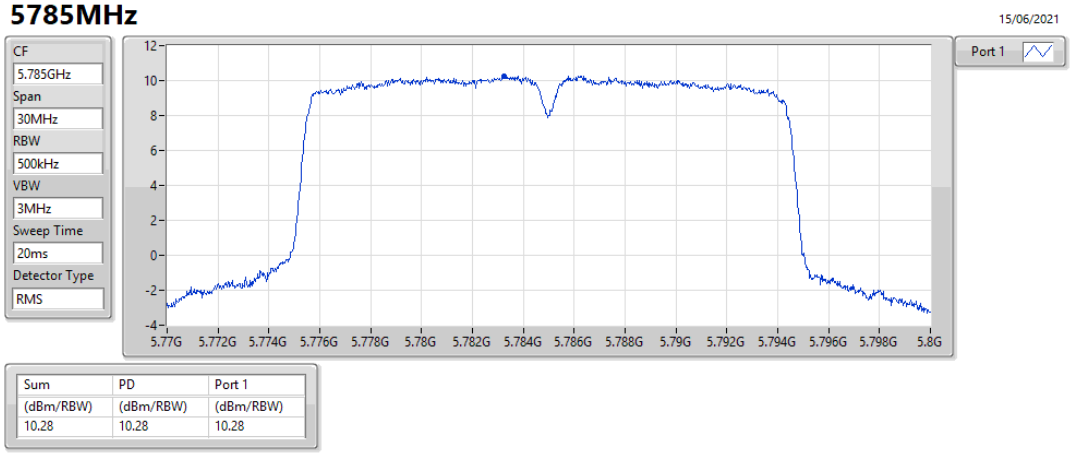
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	10.66

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

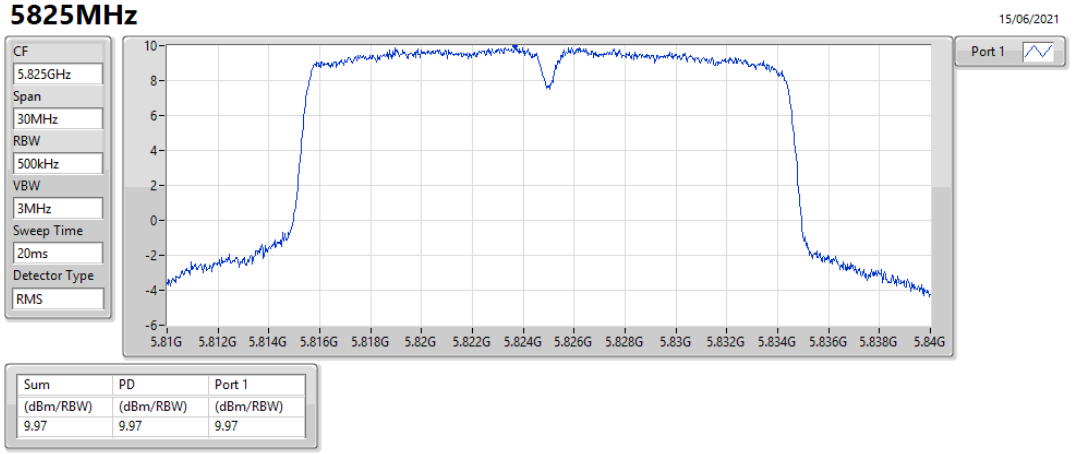
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	10.28

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

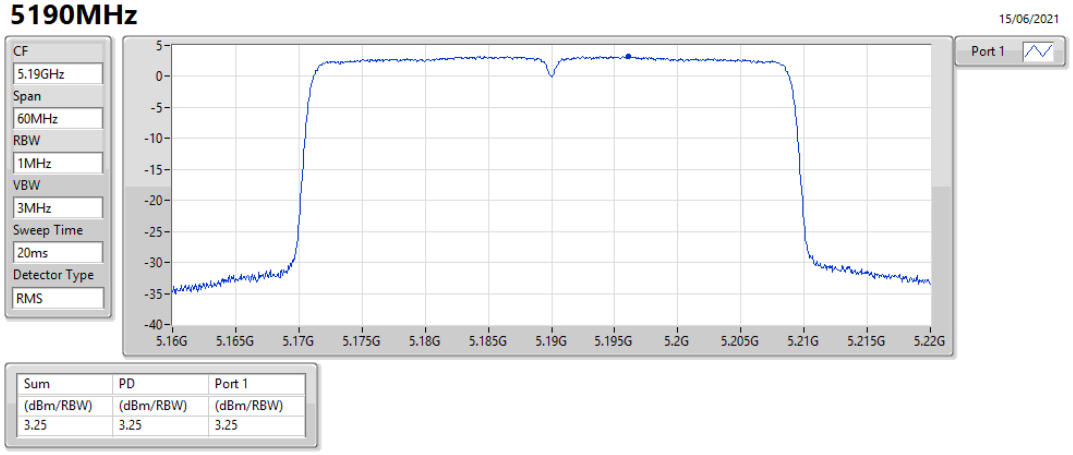
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	9.97

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

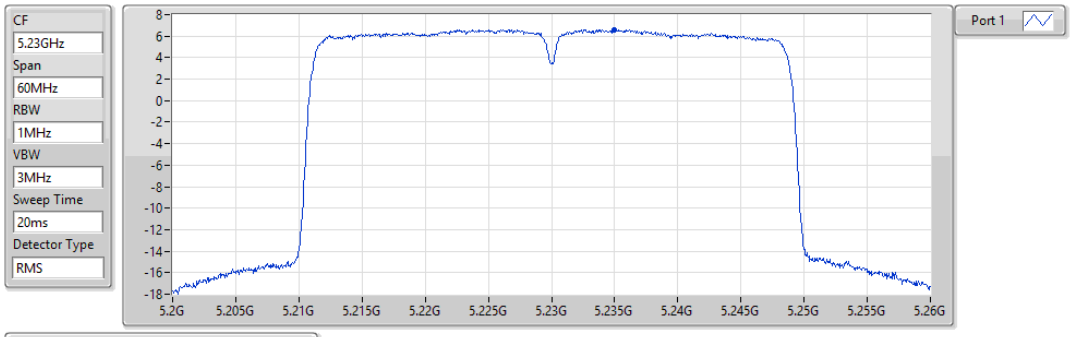
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	3.25

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

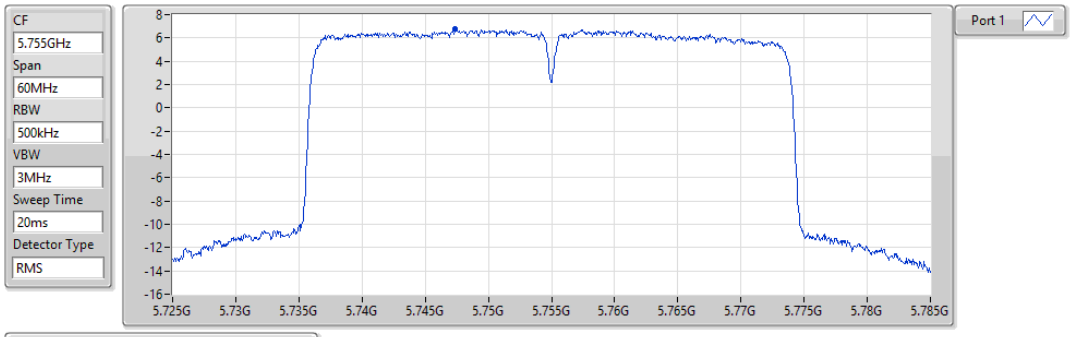
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	6.61

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

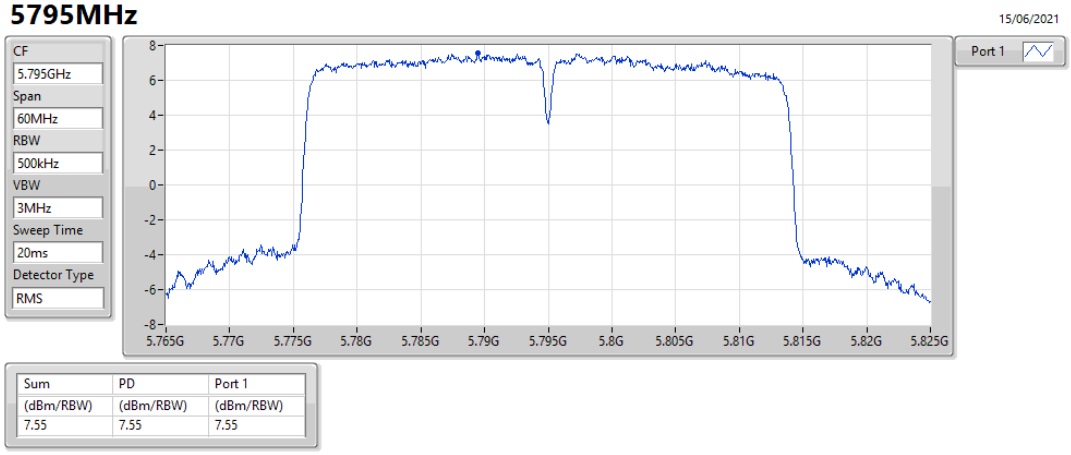
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	6.80

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

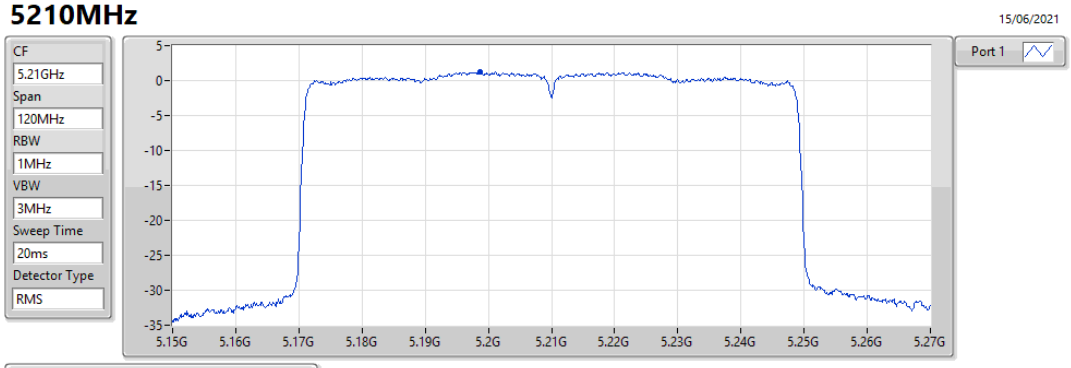
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	7.55

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

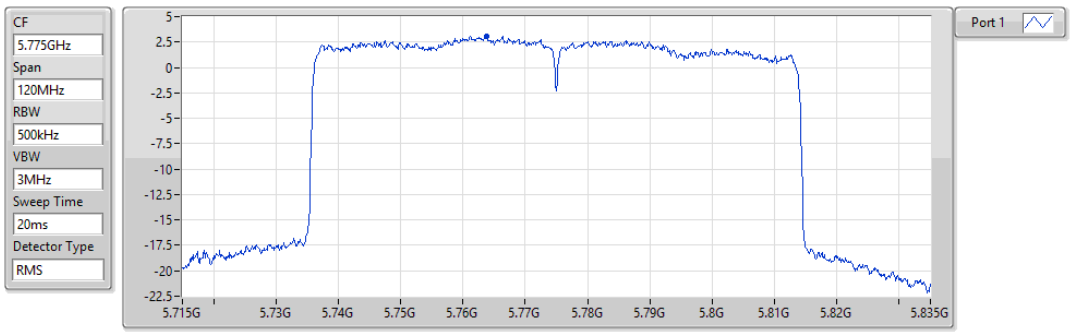
5210MHz



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

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.10	3.10	3.10

For Radio 2 / 1T1S
Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.40
802.11ax HEW20_Nss1,(MCS0)_1TX	9.63
802.11ax HEW40_Nss1,(MCS0)_1TX	7.74
802.11ax HEW80_Nss1,(MCS0)_1TX	1.52
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.61
802.11ax HEW20_Nss1,(MCS0)_1TX	9.74
802.11ax HEW40_Nss1,(MCS0)_1TX	7.80
802.11ax HEW80_Nss1,(MCS0)_1TX	4.78
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.17
802.11ax HEW20_Nss1,(MCS0)_1TX	7.24
802.11ax HEW40_Nss1,(MCS0)_1TX	5.45
802.11ax HEW80_Nss1,(MCS0)_1TX	1.67

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

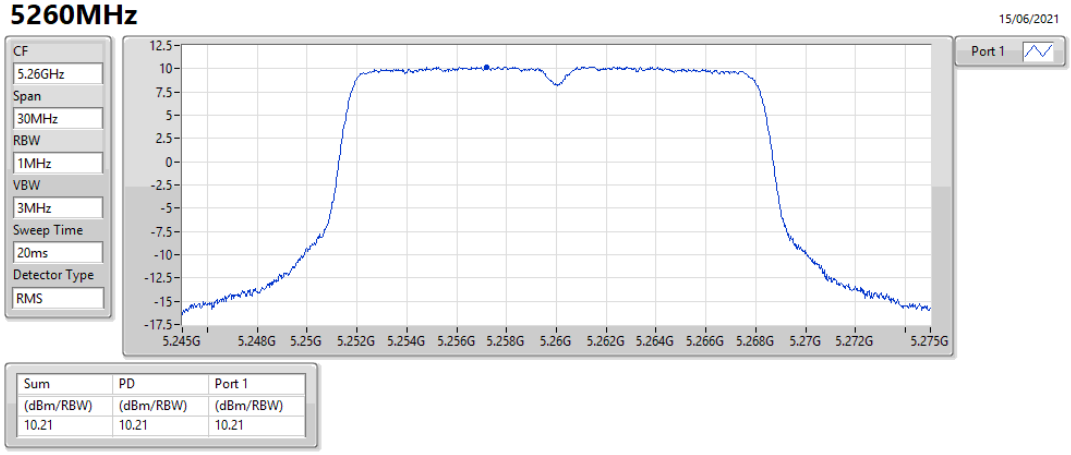
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	2.37	10.21	10.21	11.00
5300MHz	Pass	2.37	10.40	10.40	11.00
5320MHz	Pass	2.37	10.04	10.04	11.00
5500MHz	Pass	2.15	8.47	8.47	11.00
5580MHz	Pass	2.15	10.61	10.61	11.00
5700MHz	Pass	2.15	7.55	7.55	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.15	10.03	10.03	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.81	8.17	8.17	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	2.37	9.63	9.63	11.00
5300MHz	Pass	2.37	9.38	9.38	11.00
5320MHz	Pass	2.37	8.98	8.98	11.00
5500MHz	Pass	2.15	6.86	6.86	11.00
5580MHz	Pass	2.15	9.74	9.74	11.00
5700MHz	Pass	2.15	5.85	5.85	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.15	9.02	9.02	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.81	7.24	7.24	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	2.37	7.74	7.74	11.00
5310MHz	Pass	2.37	4.22	4.22	11.00
5510MHz	Pass	2.15	3.06	3.06	11.00
5550MHz	Pass	2.15	7.49	7.49	11.00
5670MHz	Pass	2.15	6.40	6.40	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.15	7.80	7.80	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	1.81	5.45	5.45	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	2.37	1.52	1.52	11.00
5530MHz	Pass	2.15	0.37	0.37	11.00
5610MHz	Pass	2.15	4.78	4.78	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.15	4.69	4.69	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	1.81	1.67	1.67	30.00

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

802.11a_Nss1,(6Mbps)_1TX PSD

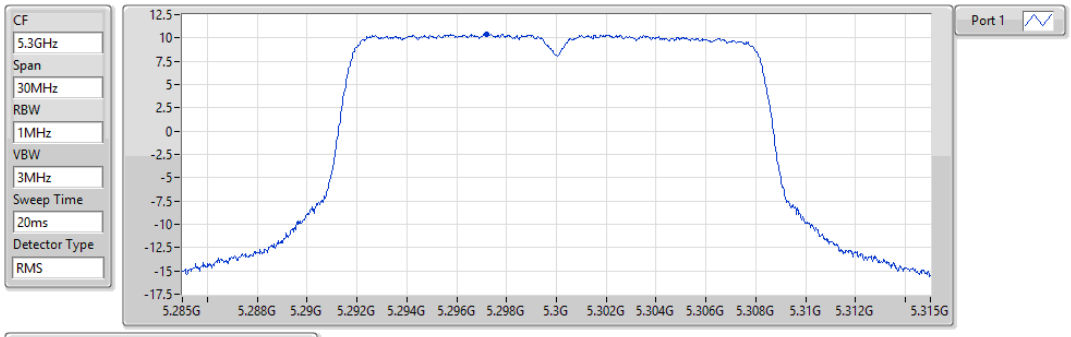
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.21	10.21	10.21

802.11a_Nss1,(6Mbps)_1TX PSD

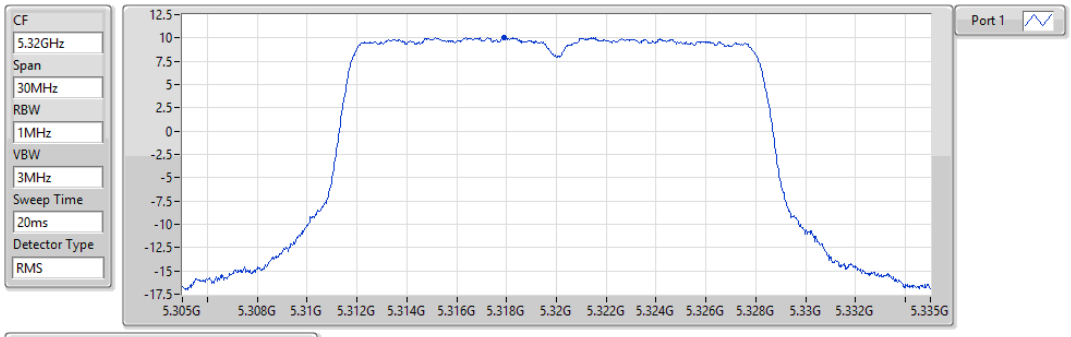
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	10.40

802.11a_Nss1,(6Mbps)_1TX PSD

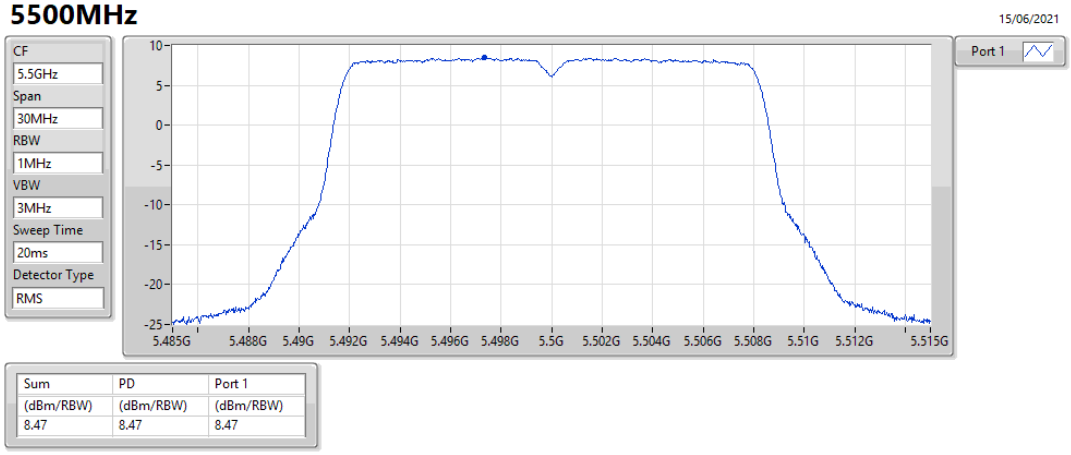
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	10.04

802.11a_Nss1,(6Mbps)_1TX **PSD**

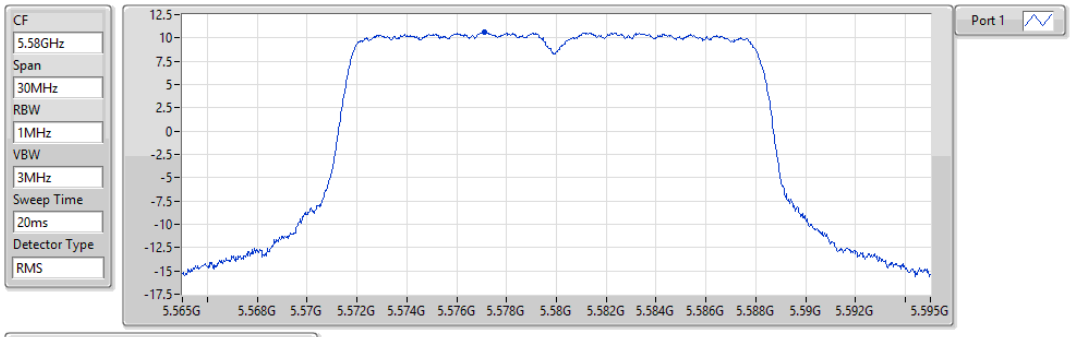
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	8.47

802.11a_Nss1,(6Mbps)_1TX **PSD**

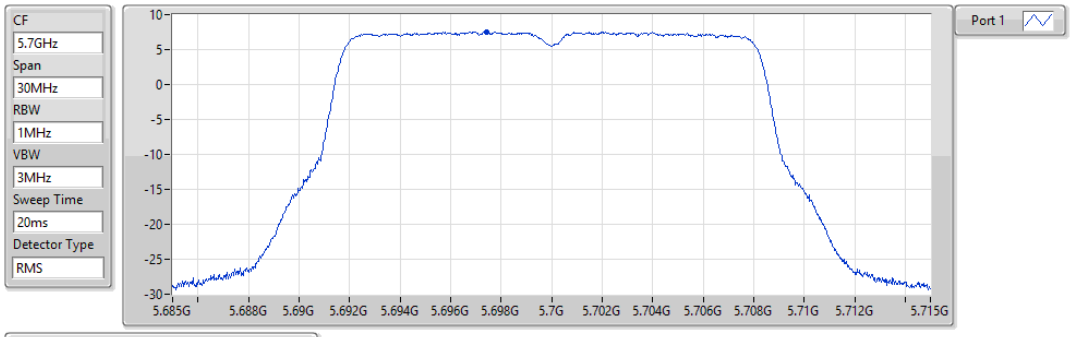
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	10.61

802.11a_Nss1,(6Mbps)_1TX **PSD**

5700MHz

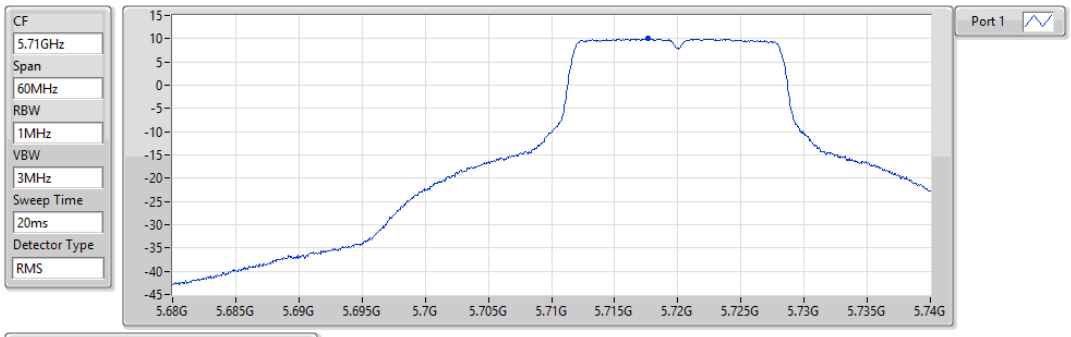


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	7.55

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

16/06/2021

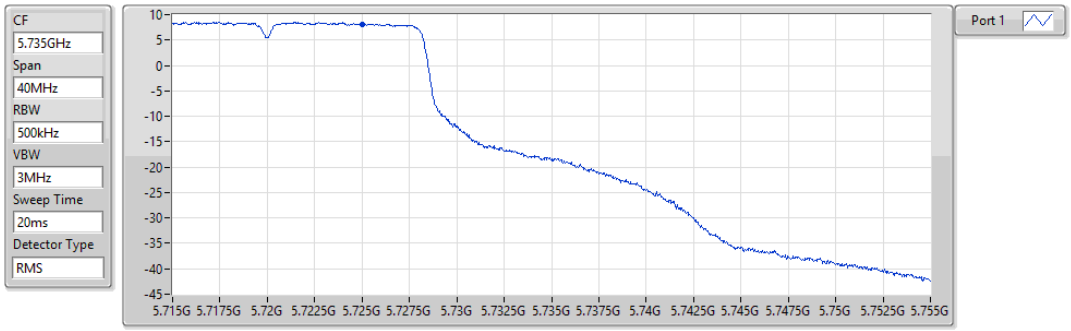


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.03	10.03	10.03

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

16/06/2021

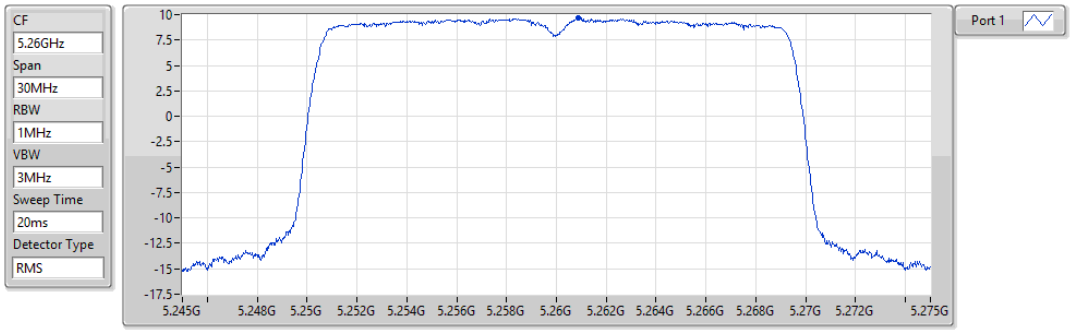


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	8.17

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5260MHz

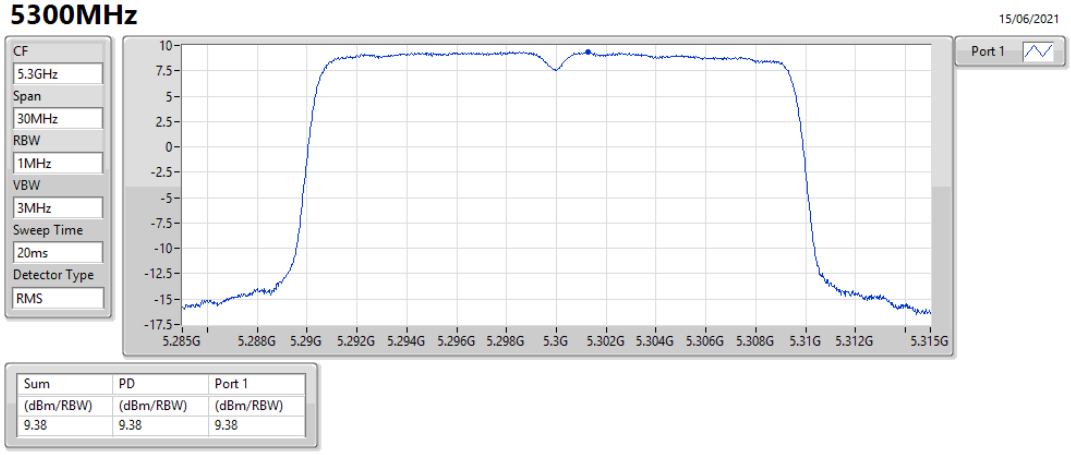
15/06/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	9.63

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

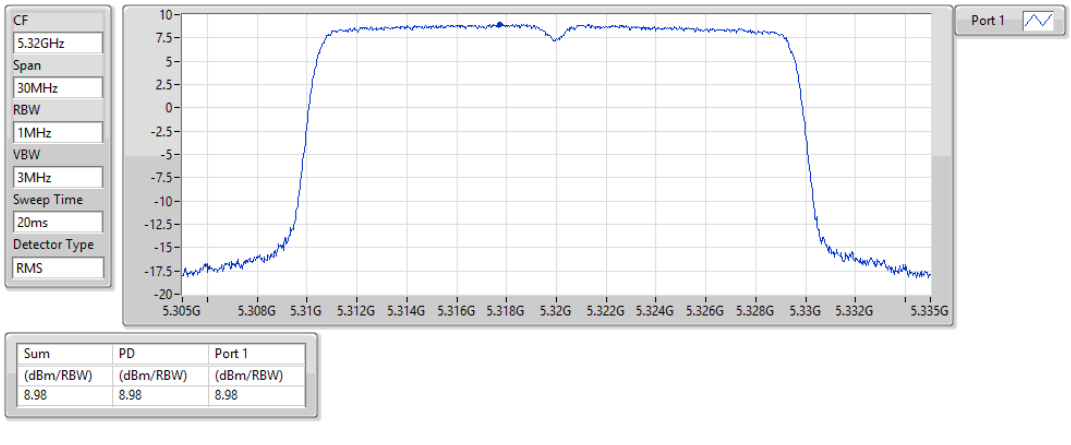
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	9.38

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

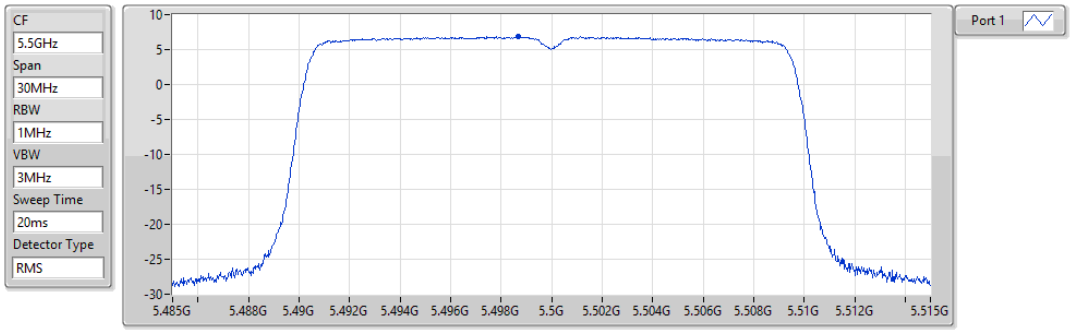
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.98	8.98	8.98

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

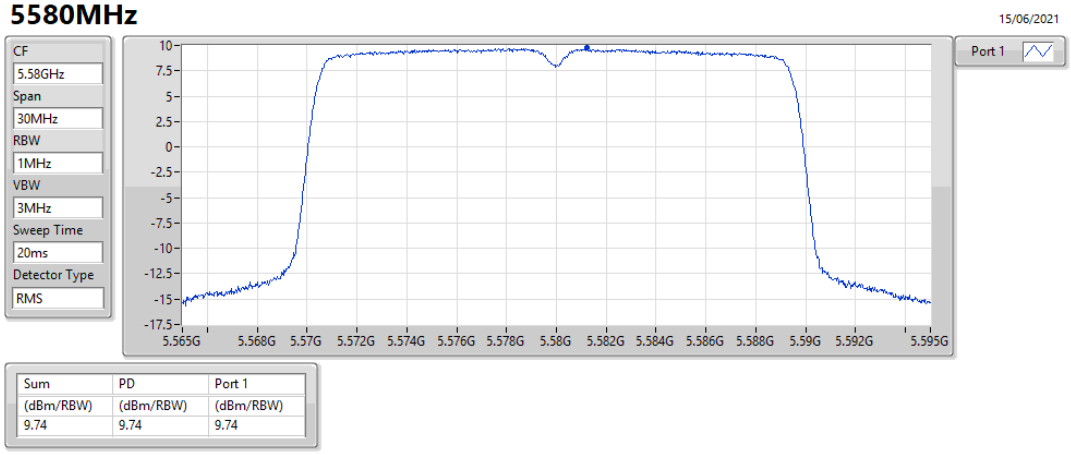
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	6.86

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

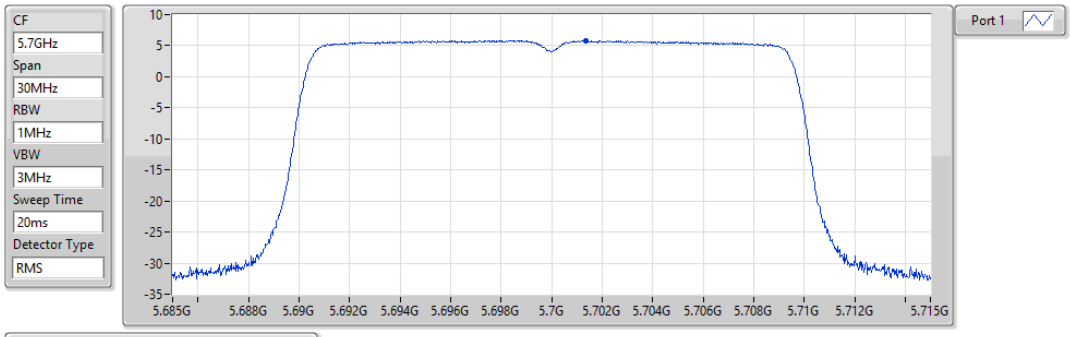
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.74	9.74	9.74

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

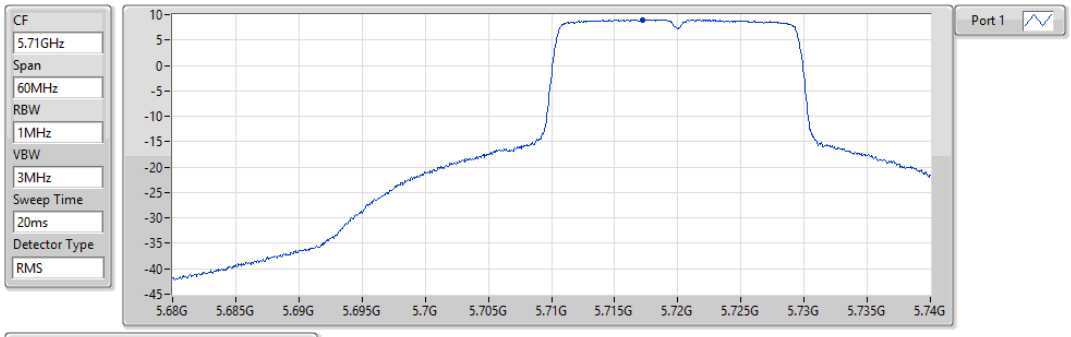
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	5.85

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

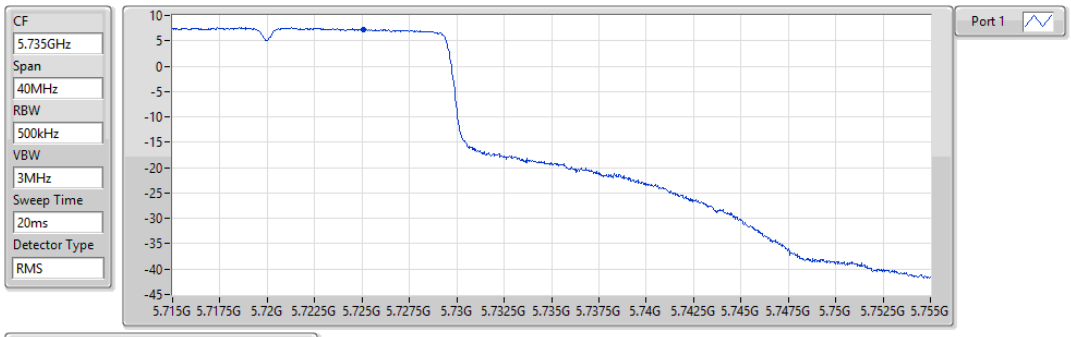


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.02	9.02	9.02

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

15/06/2021

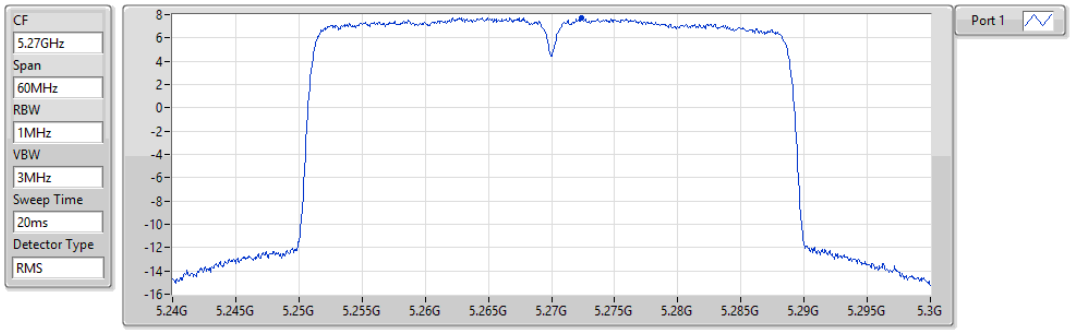


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	7.24

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5270MHz

15/06/2021

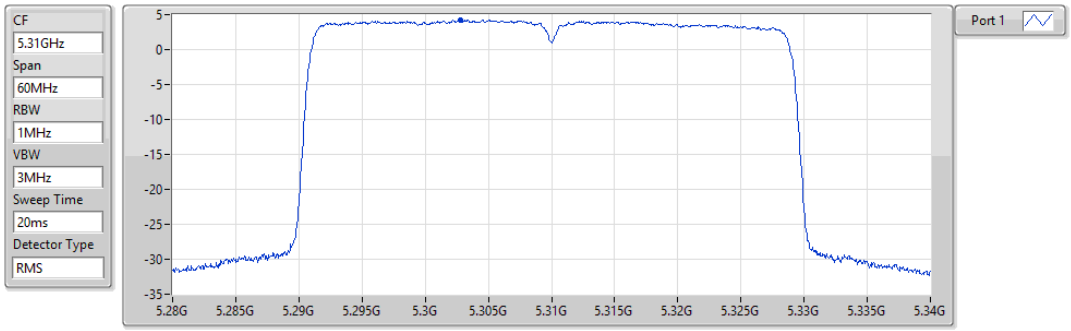


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	7.74

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5310MHz

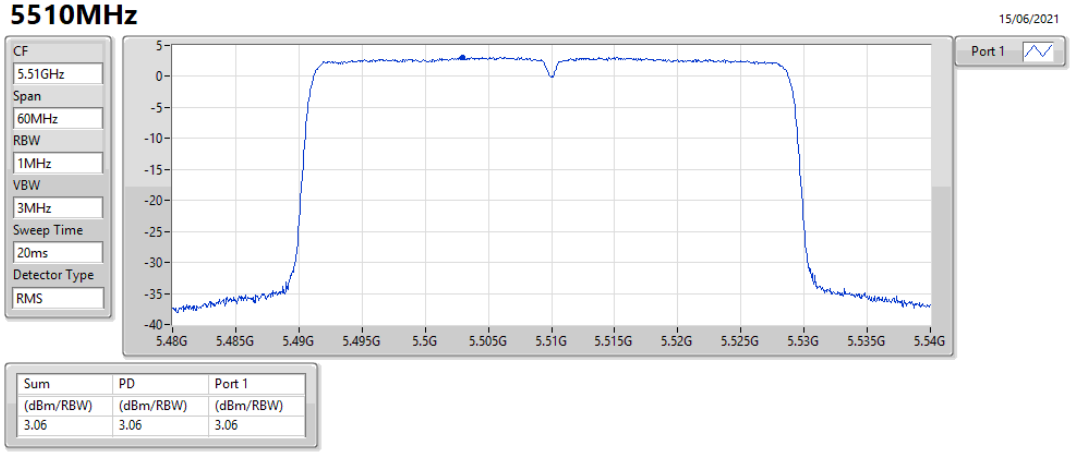
15/06/2021



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	4.22

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

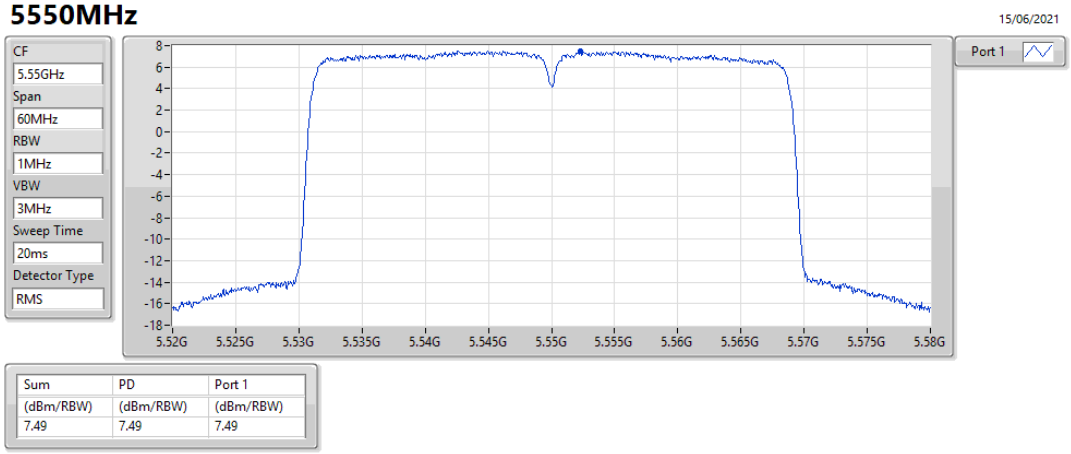
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	3.06

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

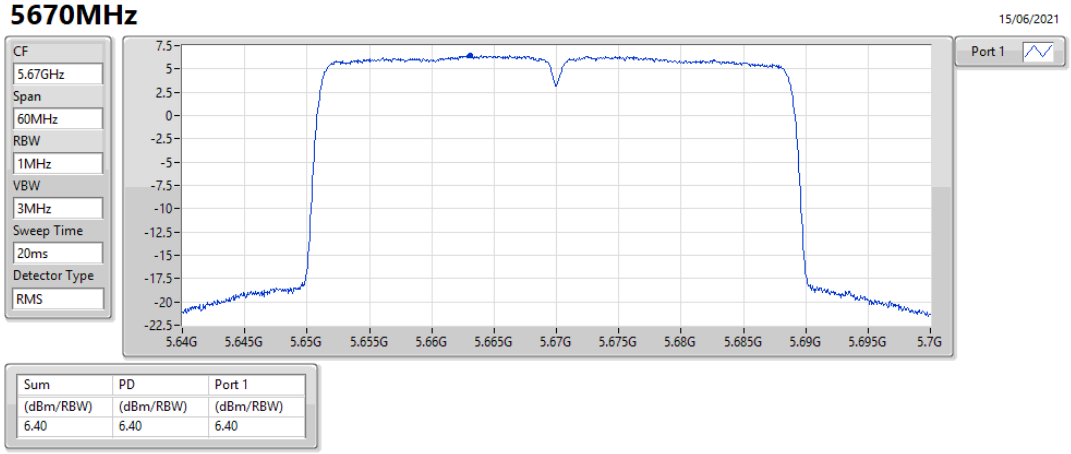
5550MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	7.49

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

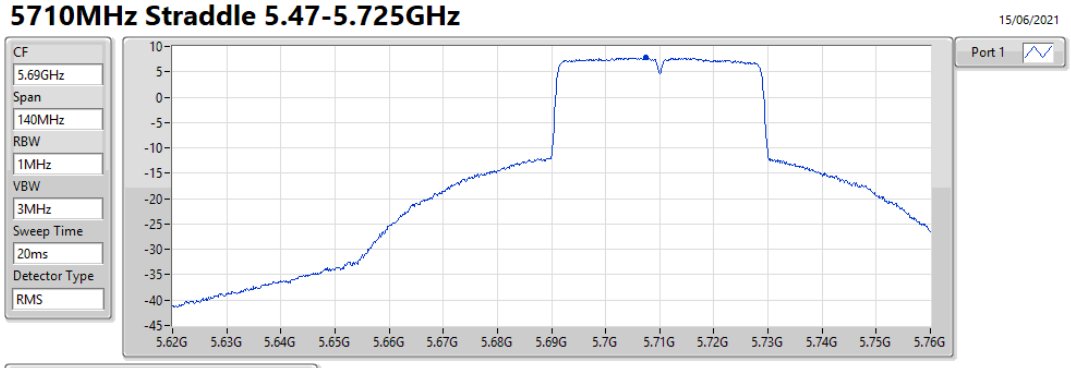
5670MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	6.40

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

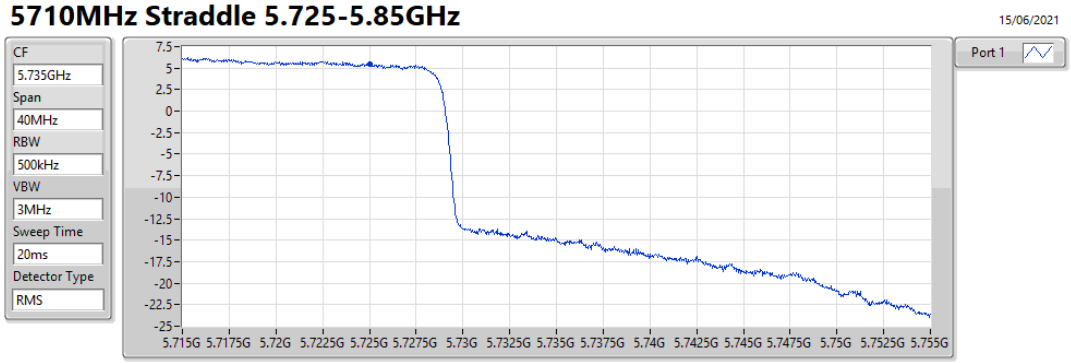
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	7.80

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

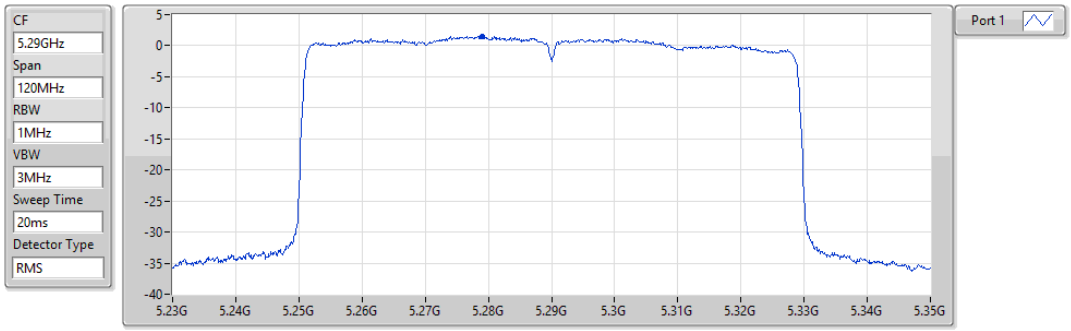
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	5.45

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

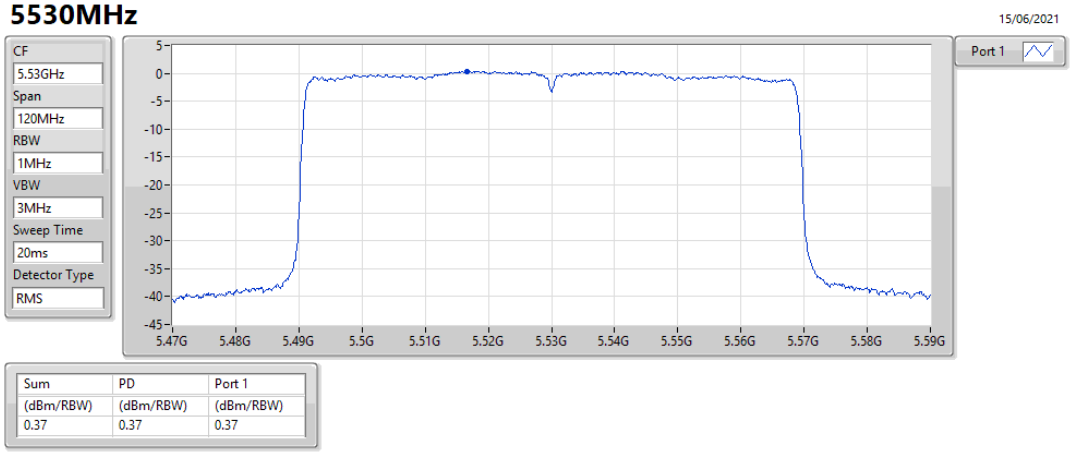
5290MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.52	1.52	1.52

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

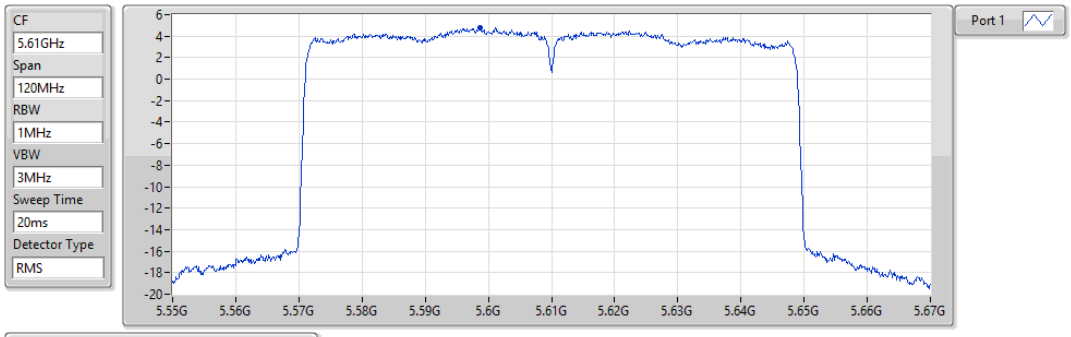
5530MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	0.37

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

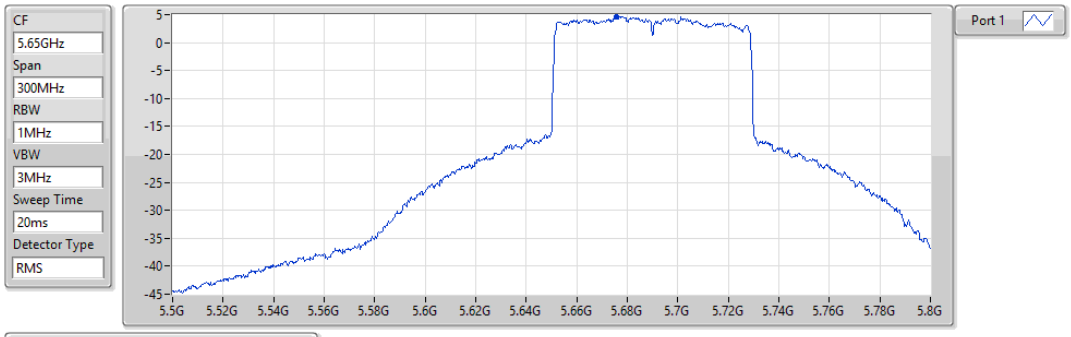
5610MHz



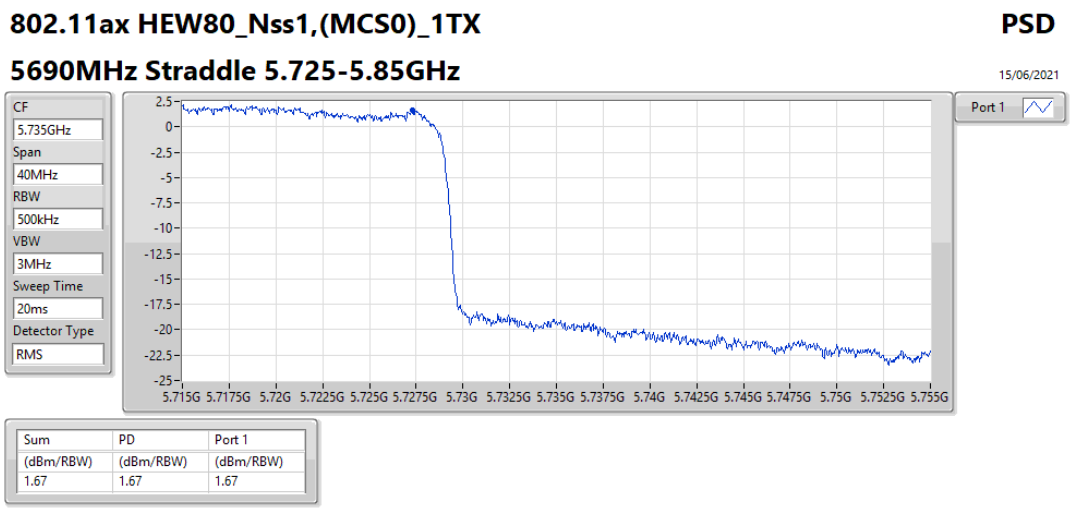
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	4.78

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	4.69


802.11ax HEW80_Nss1,(MCS0)_1TX
PSD
5690MHz Straddle 5.725-5.85GHz
15/06/2021
CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
Port 1
2.5
0
-2.5
-5
-7.5
-10
-12.5
-15
-17.5
-20
-22.5
-25
5.715G 5.7175G 5.72G 5.7225G 5.725G 5.7275G 5.73G 5.7325G 5.735G 5.7375G 5.74G 5.7425G 5.745G 5.7475G 5.75G 5.7525G 5.755G
Sum
(dBm/RBW)
1.67
PD
(dBm/RBW)
1.67
Port 1
(dBm/RBW)
1.67

For Radio 2 / 2T1S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.87
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.81

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

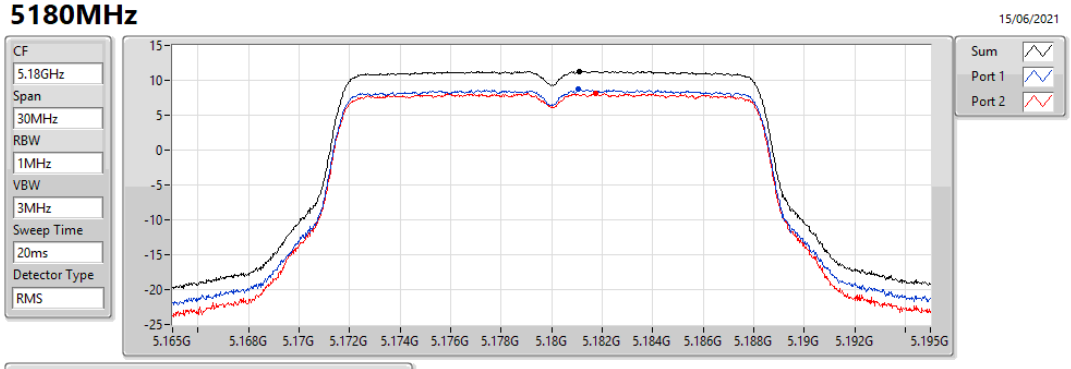
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.87	8.70	8.09	11.32	17.00
5200MHz	Pass	4.87	12.68	11.13	14.87	17.00
5240MHz	Pass	4.87	9.93	9.28	12.56	17.00
5745MHz	Pass	3.69	11.10	9.89	13.50	30.00
5785MHz	Pass	3.69	11.05	10.84	13.81	30.00
5825MHz	Pass	3.69	10.64	10.30	13.40	30.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

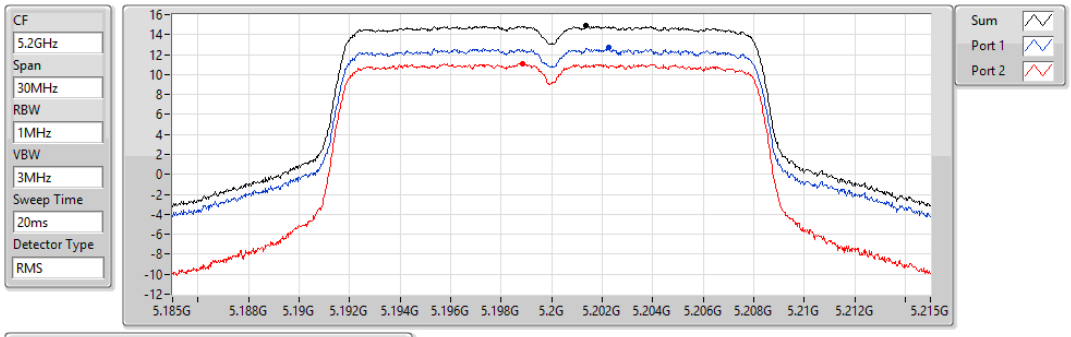
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.32	11.32	8.70	8.09

802.11a_Nss1,(6Mbps)_2TX PSD

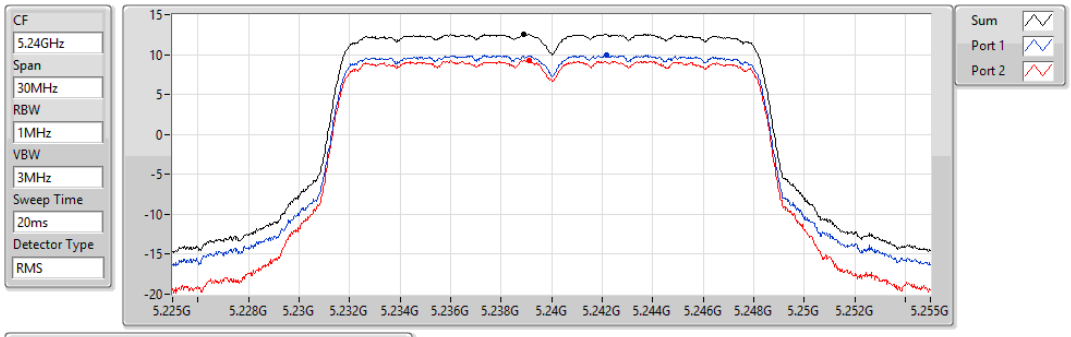
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.87	14.87	12.68	11.13

802.11a_Nss1,(6Mbps)_2TX PSD

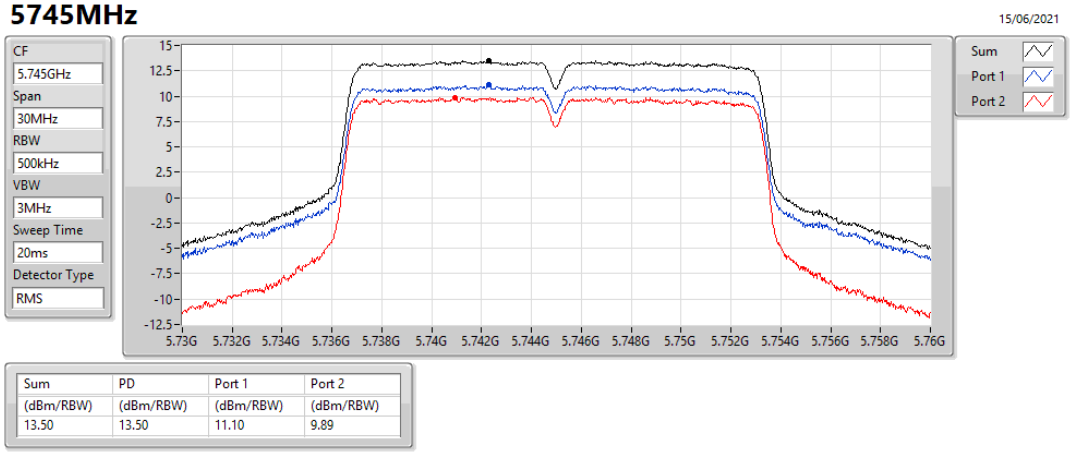
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.56	12.56	9.93	9.28

802.11a_Nss1,(6Mbps)_2TX PSD

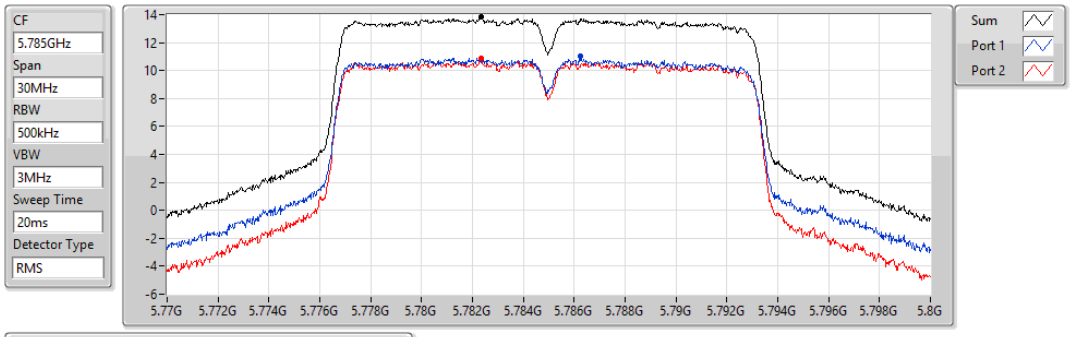
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.50	13.50	11.10	9.89

802.11a_Nss1,(6Mbps)_2TX PSD

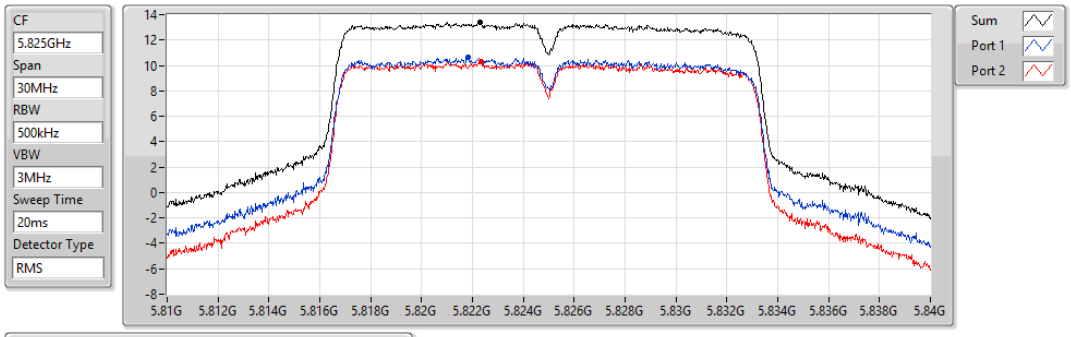
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.81	13.81	11.05	10.84

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.40	13.40	10.64	10.30

For Radio 2 / 2T1S
Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.93
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.94
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.10

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

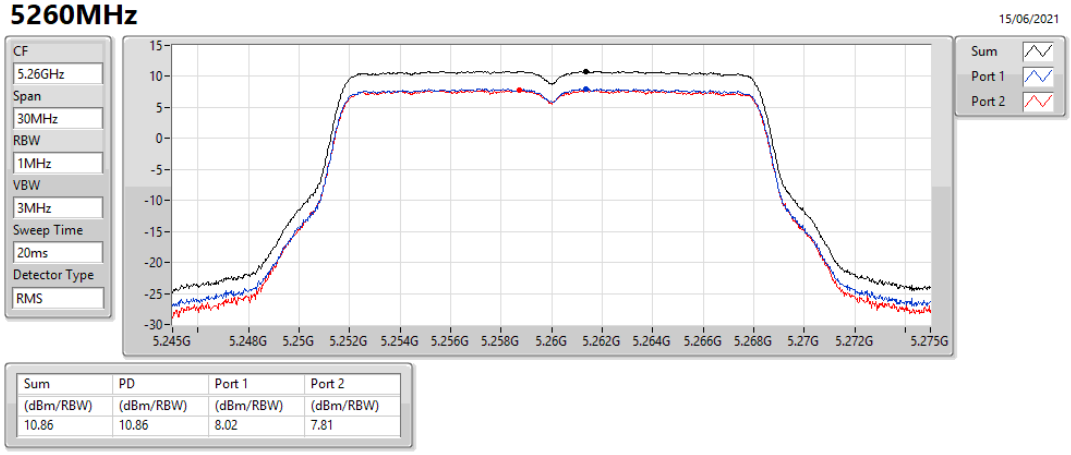
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.30	8.02	7.81	10.86	11.00
5300MHz	Pass	4.30	8.19	7.67	10.86	11.00
5320MHz	Pass	4.30	8.15	7.81	10.93	11.00
5500MHz	Pass	3.39	7.84	7.29	10.52	11.00
5580MHz	Pass	3.39	8.34	7.75	10.94	11.00
5700MHz	Pass	3.39	6.79	5.91	9.32	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.39	8.31	7.33	10.82	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.69	6.60	5.52	9.10	30.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

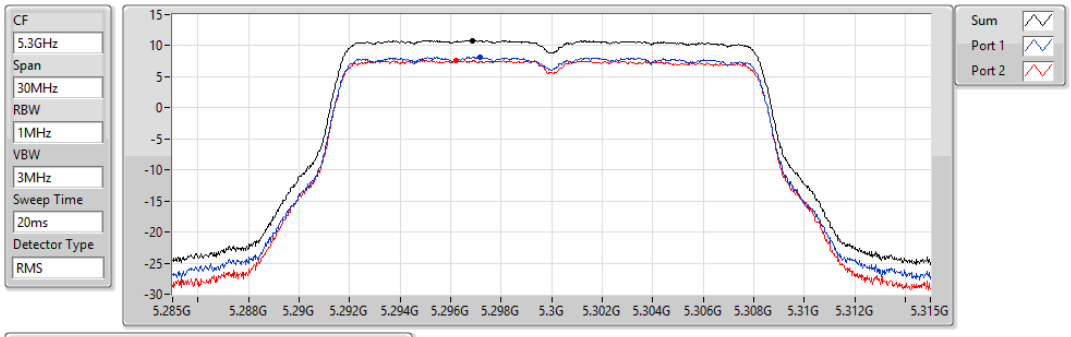
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	8.02	7.81

802.11a_Nss1,(6Mbps)_2TX PSD

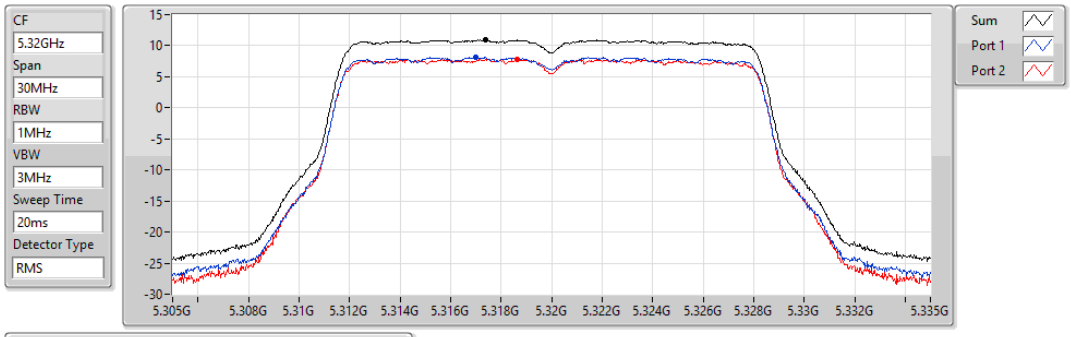
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	8.19	7.67

802.11a_Nss1,(6Mbps)_2TX PSD

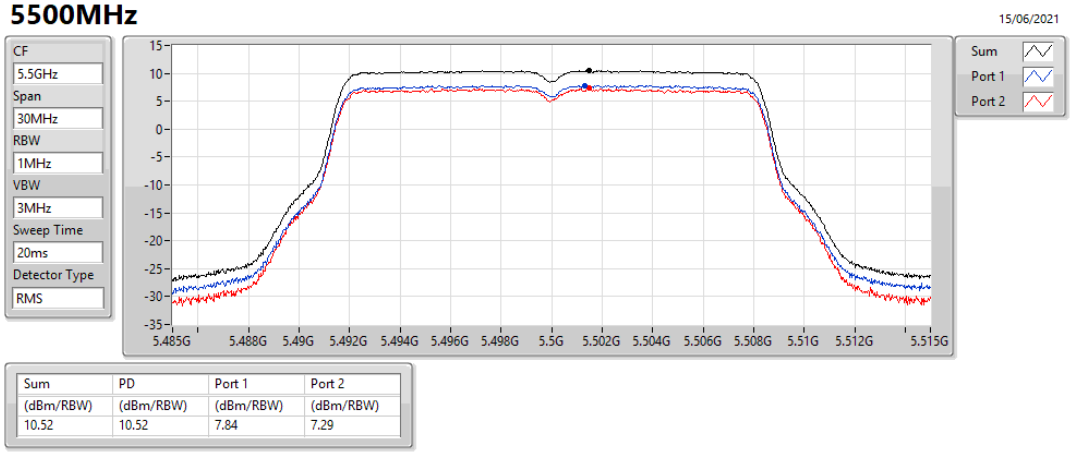
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	8.15	7.81

802.11a_Nss1,(6Mbps)_2TX PSD

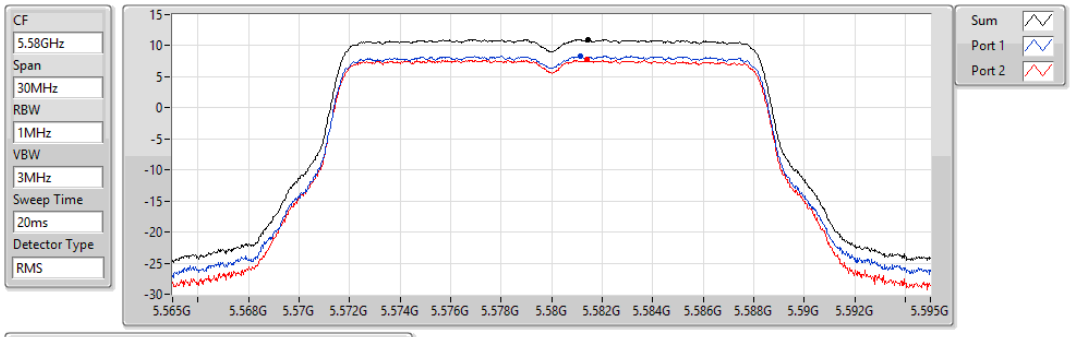
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	7.84	7.29

802.11a_Nss1,(6Mbps)_2TX PSD

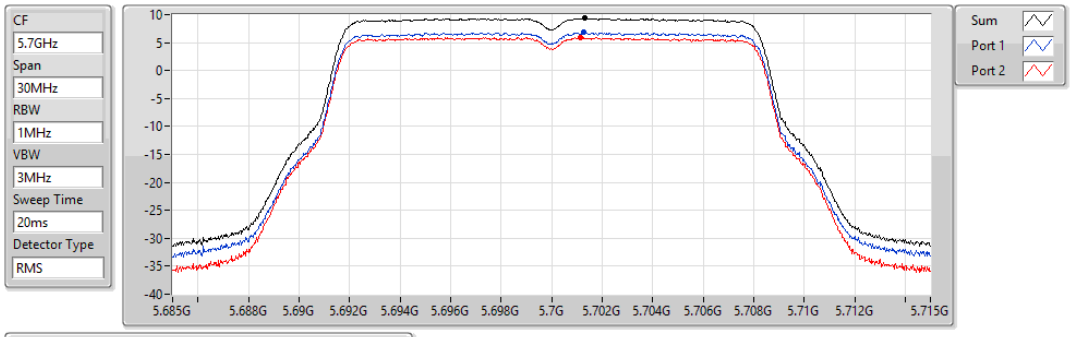
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	8.34	7.75

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

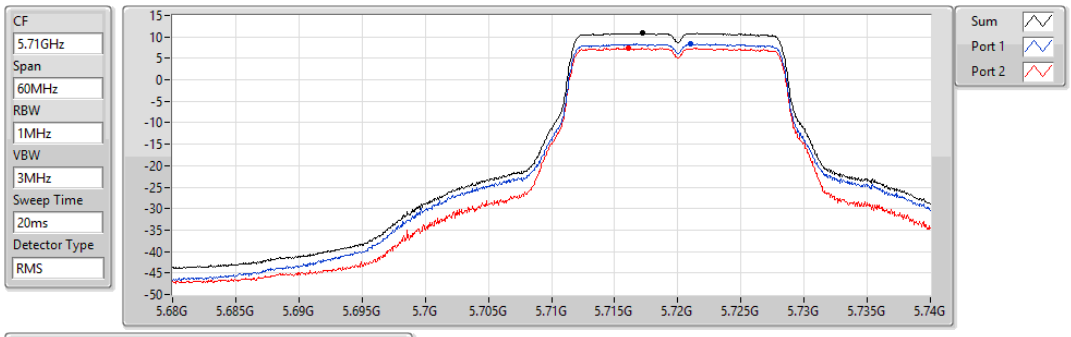


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	6.79	5.91

802.11a_Nss1,(6Mbps)_2TX **PSD**

5720MHz Straddle 5.47-5.725GHz

15/06/2021

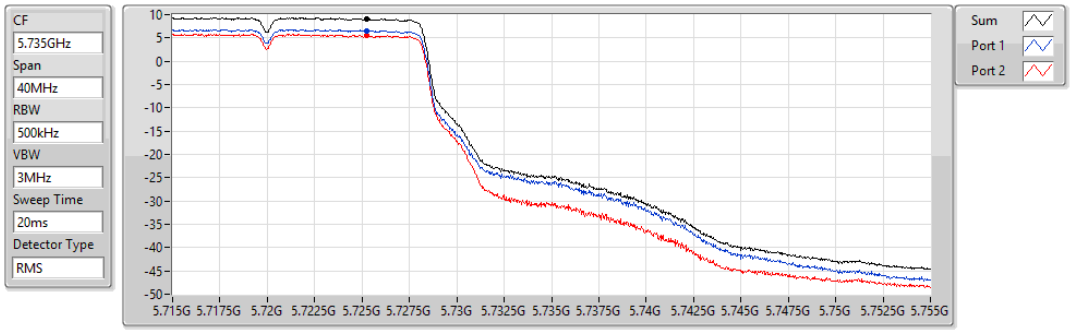


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	8.31	7.33

802.11a_Nss1,(6Mbps)_2TX **PSD**

5720MHz Straddle 5.725-5.85GHz

15/06/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.10	9.10	6.60	5.52

For Radio 2 / 2T2S
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	13.72
802.11ax HEW40_Nss2,(MCS0)_2TX	9.68
802.11ax HEW80_Nss2,(MCS0)_2TX	2.59
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	13.35
802.11ax HEW40_Nss2,(MCS0)_2TX	10.21
802.11ax HEW80_Nss2,(MCS0)_2TX	3.35

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

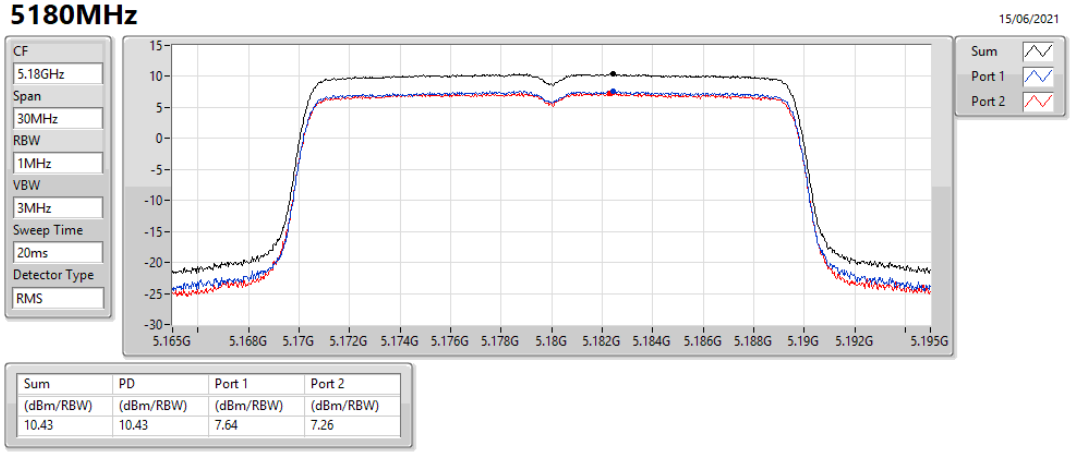
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.31	7.64	7.26	10.43	17.00
5200MHz	Pass	2.31	11.27	10.25	13.72	17.00
5240MHz	Pass	2.31	9.69	8.83	12.21	17.00
5745MHz	Pass	1.81	10.79	9.65	13.18	30.00
5785MHz	Pass	1.81	10.56	10.32	13.35	30.00
5825MHz	Pass	1.81	10.09	9.91	12.93	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.31	3.37	2.93	6.12	17.00
5230MHz	Pass	2.31	7.11	6.29	9.68	17.00
5755MHz	Pass	1.81	6.76	6.02	9.36	30.00
5795MHz	Pass	1.81	7.53	6.85	10.21	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.31	-0.26	-0.26	2.59	17.00
5775MHz	Pass	1.81	0.59	0.15	3.35	30.00

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

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

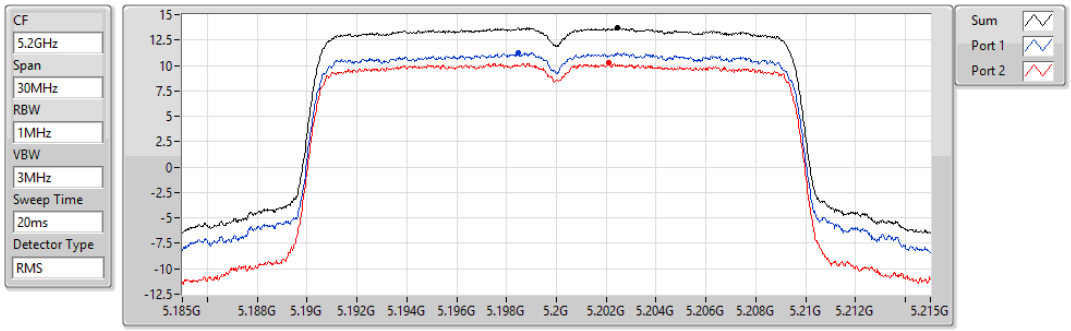
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	7.64	7.26

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

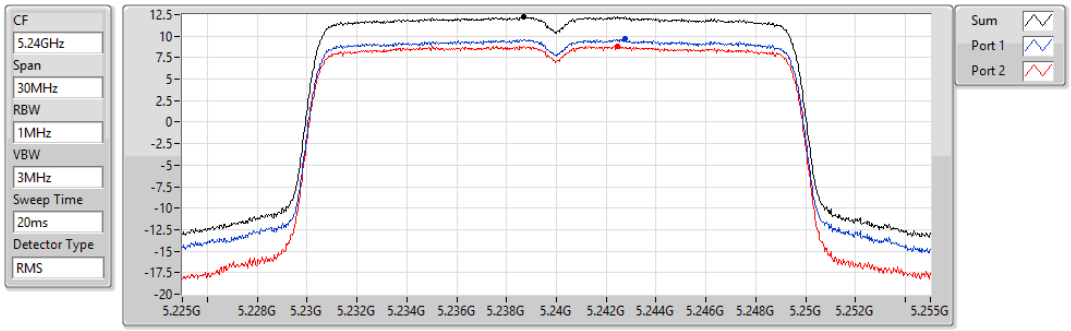
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.72	13.72	11.27	10.25

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

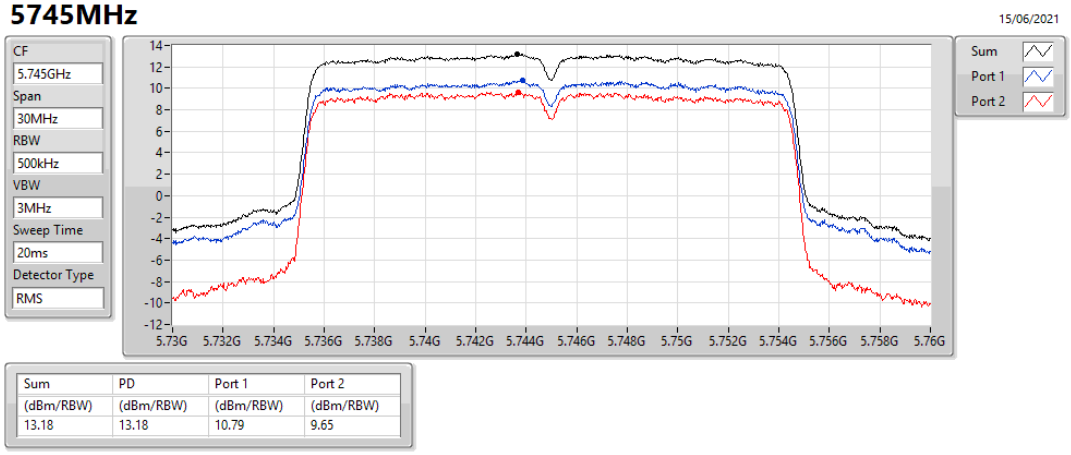
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.21	12.21	9.69	8.83

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

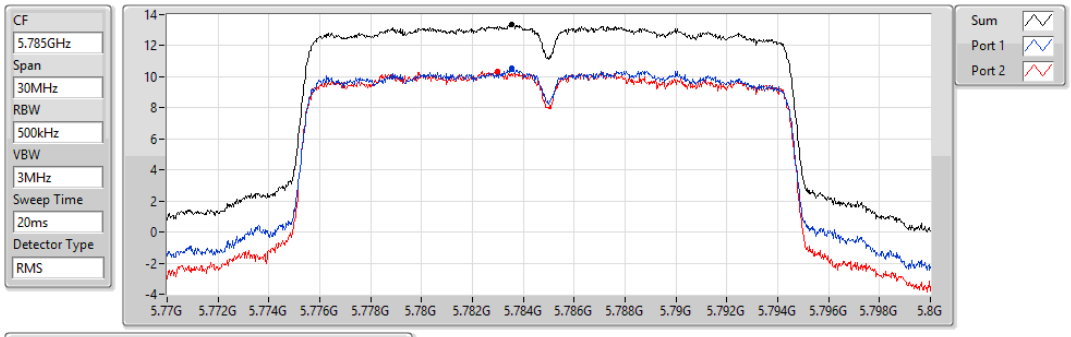
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.18	13.18	10.79	9.65

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

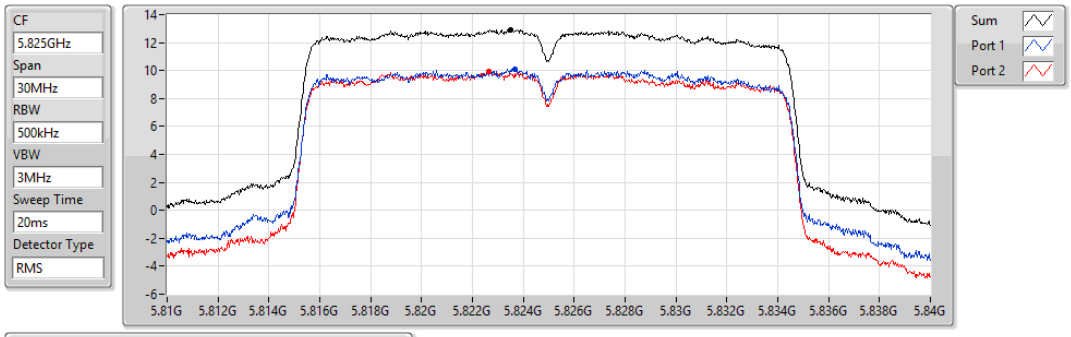
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.35	13.35	10.56	10.32

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

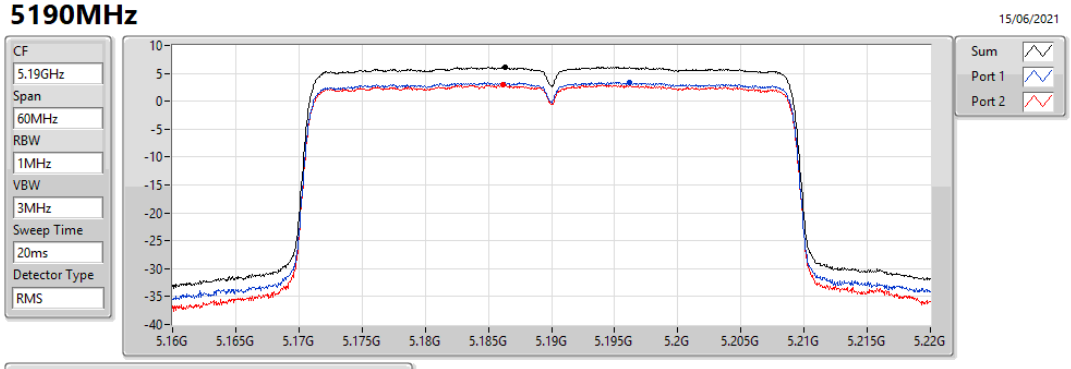
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.93	12.93	10.09	9.91

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

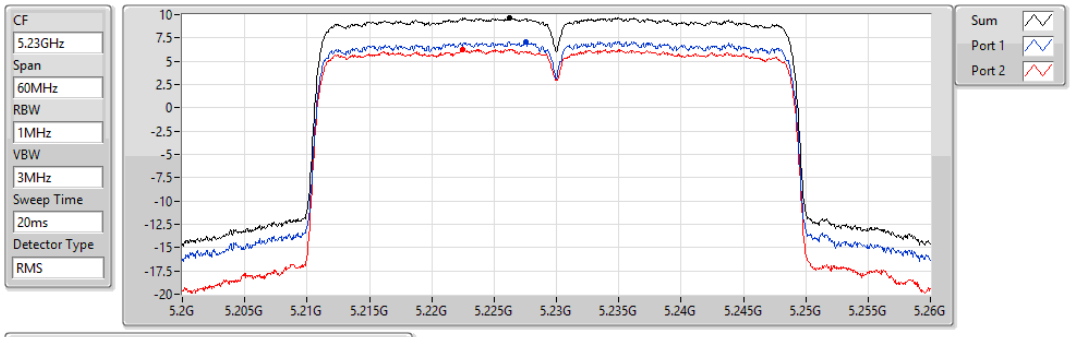
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.12	6.12	3.37	2.93

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

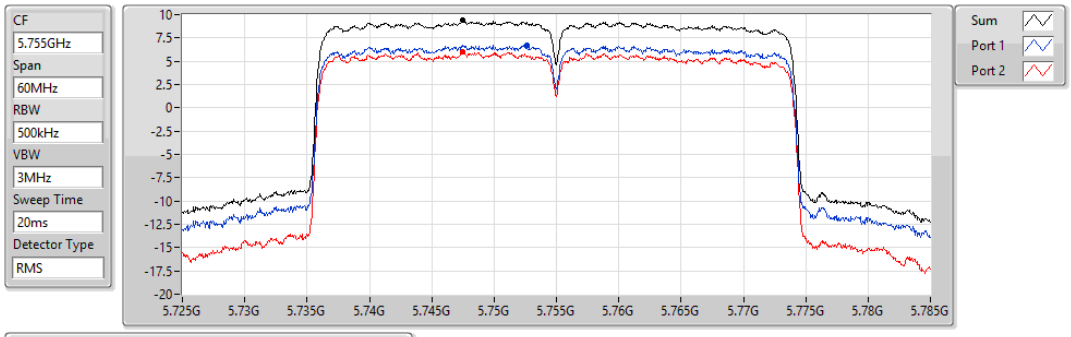
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	7.11	6.29

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.36	9.36	6.76	6.02