



RADIO TEST REPORT

FCC ID : TX2-RTL8852CE
Equipment : 11ax RTL8852CE Combo module
Brand Name : REALTEK
Model Name : RTL8852CE
Applicant : Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park,
Hsinchu 300, Taiwan
Manufacturer : Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park,
Hsinchu 300, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 05, 2021, and testing was started from Nov. 24, 2021 and completed on Sep. 02, 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



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Appendix I. Test Photos

Photographs of EUT v01



History of this test report

Report No.	Version	Description	Issued Date
FR1N0223-01	01	Initial issue of report	Jul. 18, 2022
FR1N0223-01	02	Revising the information on section 2.2 (RF Exposure Evaluation)	Jul. 29, 2022
FR1N0223-01	03	1. Revising the Laboratory address. 2. Updating the test results of 160MHz TxBF/Non TxBF 2TX for antenna 2. 3. Updating the test results of appendix F.	Sep. 06, 2022
FR1N0223-01	04	Revising Antenna Information and removing 0 dBi data of Contention Based Protocol	Nov. 07, 2022
FR1N0223-01	05	Removing real gain data of Contention Based Protocol	Nov. 10, 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 Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	Standard Client w/o test
3.7	15.407(g)	Frequency Stability	PASS	-
Note: Reference to Sporton Project No.: 1N0223.				

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:

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: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

For Low Power:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7115	1-229 [59]
5925-7125	ax (HEW40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160)	6025-6985	15-207 [7]

Band	Mode	BWch (MHz)	Nant
UNII 5-8	ax (HEW20)	20	1TX/2TX
UNII 5-8	ax (HEW20)-BF	20	2TX
UNII 5-8	ax (HEW40)	40	1TX/2TX
UNII 5-8	ax (HEW40)-BF	40	2TX
UNII 5-8	ax (HEW80)	80	1TX/2TX
UNII 5-8	ax (HEW80)-BF	80	2TX
UNII 5-8	ax (HEW160)	160	1TX/2TX
UNII 5-8	ax (HEW160)-BF	160	2TX

**For standard power:**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	ax (HEW20)	5955-6415	1-93 [24]
6525-6875		6535-6695	117-149 [9]
5925-6425	ax (HEW40)	5965-6405	3-91 [12]
6525-6875		6565-6685	123-147 [4]
5925-6425	ax (HEW80)	5985-6385	7-87 [6]
6525-6875		6625-6785	135-167 [3]
5925-6425	ax (HEW160)	6025-6345	15-79 [3]
6525-6875		6665	143 [1]

Band	Mode	BWch (MHz)	Nant
UNII 5	ax (HEW20)	20	1TX/2TX
UNII 5	ax (HEW20)-BF	20	2TX
UNII 5	ax (HEW40)	40	1TX/2TX
UNII 5	ax (HEW40)-BF	40	2TX
UNII 5	ax (HEW80)	80	1TX/2TX
UNII 5	ax (HEW80)-BF	80	2TX
UNII 5	ax (HEW160)	160	1TX/2TX
UNII 5	ax (HEW160)-BF	160	2TX
UNII 7	ax (HEW20)	20	1TX/2TX
UNII 7	ax (HEW20)-BF	20	2TX
UNII 7	ax (HEW40)	40	1TX/2TX
UNII 7	ax (HEW40)-BF	40	2TX
UNII 7	ax (HEW80)	80	1TX/2TX
UNII 7	ax (HEW80)-BF	80	2TX
UNII 7	ax (HEW160)	160	1TX/2TX
UNII 7	ax (HEW160)-BF	160	2TX

Note:

- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- The channel defined in the IEEE Standard P802.11ax™/D6.1.

**1.1.2 Antenna Information**

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth					
1	1/2	1/2	1	ARISTOTLE	RFA-27-JP378-4B-200	Monopole	I-PEX	Note 1
2	1/2	1/2	1	ARISTOTLE	RFA-27-JP326-MHF4300	PIFA	I-PEX	
3	1/2	1/2	1	ARISTOTLE	RFA-27-C38H1-MHF4300	Dipole	I-PEX	
4	-	1/2	-	ARISTOTLE	RFA-57-JP697-4B-300	Monopole	I-PEX	

Note 1

Ant.	Port			Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth
1	1/2	1/2	1	3.38	4.86	3.38
2	1/2	1/2	1	3.50	5.00	3.50
3	1/2	1/2	1	3.00	5.00	3.00
4	-	1/2	-	-	-5	-

Note 2: The above information was declared by manufacturer.

Note 3: For Conducted measurement Test: Only the highest gain antenna "Ant. 2" was selected to perform the test and recorded in this report.

<For WLAN 2.4GHz function>**For IEEE 802.11b/g/n/VHT/ax (1TX/2RX):****For Conducted:**

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.

Port 1 and Port 2 could receive simultaneously

For Radiated:

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.

Port 1 and Port 2 could receive simultaneously

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

**<For WLAN 5GHz function>****For IEEE 802.11a/n/ac/ax (1TX/2RX):**

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.

Port 1 and Port 2 could receive simultaneously

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For WLAN 6GHz function>**For IEEE 802.11ax (1TX/2RX):**

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.

Port 1 and Port 2 could receive simultaneously

For IEEE 802.11ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For Bluetooth function> (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

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	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{i=1}^{N_{SS}} \left[\sum_{k=1}^{N_{ANT}} g_{i,k} \right]^2}{N_{ANT}} \right]$
BF	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{i=1}^{N_{SS}} \left[\sum_{k=1}^{N_{ANT}} g_{i,k} \right]^2}{N_{ANT}} \right]$	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{i=1}^{N_{SS}} \left[\sum_{k=1}^{N_{ANT}} g_{i,k} \right]^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

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

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

Monopole Antenna

$$2.4G\ G1 = 3.38\ dBi ; G2 = 3.38\ dBi ; DG=6.39\ dBi$$

$$5G\ G1 = 4.86\ dBi ; G2 = 4.86\ dBi ; DG=7.87\ dBi$$

$$6G\ G1 = 4.86\ dBi ; G2 = 4.86\ dBi ; DG=7.87\ dBi$$

PIFA Antenna

$$2.4G\ G1 = 3.5\ dBi ; G2 = 3.5\ dBi ; DG=6.51\ dBi$$

$$5G\ G1 = 5\ dBi ; G2 = 5\ dBi ; DG=8.01\ dBi$$

$$6G\ G1 = 5\ dBi ; G2 = 5\ dBi ; DG=8.01\ dBi$$

Dipole Antenna

$$2.4G\ G1 = 3\ dBi ; G2 = 3\ dBi ; DG=6.01\ dBi$$

$$5G\ G1 = 5\ dBi ; G2 = 5\ dBi ; DG=8.01\ dBi$$

$$6G\ G1 = 5\ dBi ; G2 = 5\ dBi ; DG=8.01\ dBi$$

1.1.3 Test Mode of Partial RU

Mode		Partial RU		
802.11ax HEW20	1TX	26	52	106
	2TX	26	52	106

1.1.4 Mode Test Duty Cycle

<Full RU>

Non-Beamforming Mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40	0.987	0.06	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW80	0.976	0.11	281.25u	10k
802.11ax HEW160	0.957	0.19	166.875u	10k

Beamforming Mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40-BF	0.988	0.05	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW80-BF	0.976	0.11	281.25u	10k
802.11ax HEW160-BF	0.957	0.19	167.5u	10k

<Partial RU>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
ax20_RU26	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

**1.1.5 EUT Operational Condition**

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in 2.4GHz, 11n/11ac/11ax in 5GHz and ax in 6GHz.			
Device Type	☐	Indoor Access Point	☐	Subordinate
	☒	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☒	Standard Client
	☐	Fixed Client		
Test Software Version	REALTEK MP V:homo_V1.0.2			
Software / Firmware Version for CBP	6001.0.16.102			

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 15.407
- ♦ 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 987594 D02 v01r01
- ♦ FCC KDB 662911 D01 v02r01
- ♦ 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 ADD: No.8, Ln. 724, Bo' ai St., Zhubei City, Hsinchu County 302010, Taiwan				
(TAF: 3787) TEL: 886-3-656-9065 FAX: 886-3-656-9085				
Test site Designation No. TW3787 with FCC.				
Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Other tests)	TH01-CB	Serway Lee	21~22.3 / 65~69	May 02, 2022~ Jun. 30, 2022
Radiated <Below 1GHz>	10CH01-CB	Peter Wu	23~24 / 57~58	May 18, 2022
Radiated <Above 1GHz>	03CH01-CB 03CH03-CB	Ken Yeh	24.2-26.1 / 55-58 23.8-24.9 / 55-58	Jun.11, 2022~ Jul. 05, 2022
Radiated <Co-location>	03CH04-CB	Ken Yeh	24.4-25.5 / 55-58	Jun. 09, 2022
RF Conducted <Contention-Based Protocol test>	DF02-CB	Nyle Chang	20~21.9 / 60~62	Nov. 24, 2021~ Sep. 02, 2022
AC Conduction	CO01-CB	Ryan Huang	23~24 / 56~57	May 13, 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: Before Jun. 01, 2022

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
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
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Full RU> low power_Non-beamforming mode_1TX

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	5.75
6195MHz	6
6415MHz	6
6435MHz	5.75
6475MHz	6
6515MHz	6
6535MHz	5.75
6695MHz	6.25
6855MHz	6
6875MHz Straddle 6.525-6.875GHz	6
6895MHz	6
6995MHz	5.25
7095MHz	6.75
7115MHz	6
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5965MHz	8.5
6205MHz	9
6405MHz	8.75
6445MHz	8.75
6485MHz	8.75
6525MHz Straddle 6.425-6.525GHz	9
6565MHz	8.75
6685MHz	9
6885MHz Straddle 6.525-6.875GHz	8.75
6925MHz	8.25
7005MHz	8
7085MHz	9.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5985MHz	11.25
6225MHz	11.5
6385MHz	11.5
6465MHz	11.5
6545MHz Straddle 6.425-6.525GHz	11.75



Mode	Power Setting
6625MHz	11.5
6705MHz	11.5
6785MHz	11.5
6865MHz Straddle 6.525-6.875GHz	11.5
6945MHz	10.5
7025MHz	10.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-
6025MHz	13.75
6185MHz	13.75
6345MHz	14.25
6505MHz Straddle 6.425-6.525GHz	14
6665MHz	14
6825MHz Straddle 6.525-6.875GHz	14
6985MHz	13

**<Full RU> low power_Non-beamforming mode_2TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	0.25(S1-1)
6195MHz	0.5(S1-0.75)
6415MHz	0.5(S1-0.75)
6435MHz	0.5(S1-0.75)
6475MHz	0.5(S1-0.75)
6515MHz	0.75(S1-0.5)
6535MHz	0.5(S1-0.75)
6695MHz	0.75(S1-1)
6855MHz	-0.25(S0-0.25)
6875MHz Straddle 6.525-6.875GHz	0.5(S0-1)
6895MHz	0.75(S0-1)
6995MHz	1.25(S0-2)
7095MHz	0(S1-0.5)
7115MHz	0.75(S0-0.75)
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	3.25
6205MHz	3.5(S0-0.5)
6405MHz	3.5(S0-0.5)
6445MHz	3.75(S0-0.5)
6485MHz	3.75(S0-0.5)
6525MHz Straddle 6.425-6.525GHz	3.75(S0-0.25)
6565MHz	3.25
6685MHz	3.5(S0-0.5)
6845MHz	3.5(S0-0.25)
6885MHz Straddle 6.525-6.875GHz	4.25(S0-1.25)
6885MHz Straddle 6.875-7.125GHz	
6925MHz	3.75(S0-2.25)
7005MHz	4.75(S0-3)
7085MHz	3.25
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5985MHz	6.75(S0-1)
6225MHz	7(S0-1)
6385MHz	7(S0-1)
6465MHz	7(S0-1.25)
6545MHz Straddle 6.425-6.525GHz	7(S0-1)
6625MHz	6.75(S0-1)
6705MHz	6.75(S0-1)



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6785MHz	6.75(S0-1)
6865MHz Straddle 6.525-6.875GHz	7.25(S0-1.5)
6945MHz	7.25(S0-3.25)
7025MHz	7.5(S0-3)
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	9.75(S0-1.5)
6185MHz	9.5(S0-1.5)
6345MHz	9.5(S0-1.25)
6505MHz Straddle 6.425-6.525GHz	9.5(S0-1.5)
6665MHz	9.25(S0-1.25)
6825MHz Straddle 6.525-6.875GHz	9.25(S0-1.25)
6985MHz	10.5(S0-4)

**<Full RU> low power Beamforming mode 2TX**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	0.25(S1-1)
6195MHz	0.5(S1-0.75)
6415MHz	0.5(S1-0.75)
6435MHz	0.5(S1-0.75)
6475MHz	0.5(S1-0.75)
6515MHz	0.75(S1-0.5)
6535MHz	0.5(S1-0.75)
6695MHz	0.75(S1-1)
6855MHz	-0.25(S0-0.25)
6875MHz Straddle 6.525-6.875GHz	0.5(S0-1)
6895MHz	0.75(S0-1)
6995MHz	1.25(S0-2)
7095MHz	0(S1-0.5)
7115MHz	0.75(S0-0.75)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	3.25
6205MHz	3.5(S0-0.5)
6405MHz	3.5(S0-0.5)
6445MHz	3.75(S0-0.5)
6485MHz	3.75(S0-0.5)
6525MHz Straddle 6.425-6.525GHz	3.75(S0-0.25)
6565MHz	3.25
6685MHz	3.5(S0-0.5)
6845MHz	3.5(S0-0.25)
6885MHz Straddle 6.525-6.875GHz	4.25(S0-1.25)
6885MHz Straddle 6.875-7.125GHz	
6925MHz	3.75(S0-2.25)
7005MHz	4.75(S0-3)
7085MHz	3.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	6.75(S0-1)
6225MHz	7(S0-1)
6385MHz	7(S0-1)
6465MHz	7(S0-1.25)
6545MHz Straddle 6.425-6.525GHz	7(S0-1)
6625MHz	6.75(S0-1)
6705MHz	6.75(S0-1)



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Mode	Power Setting
6785MHz	6.75(S0-1)
6865MHz Straddle 6.525-6.875GHz	7.25(S0-1.5)
6945MHz	7.25(S0-3.25)
7025MHz	7.5(S0-3)
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	9.75(S0-1.5)
6185MHz	9.5(S0-1.5)
6345MHz	9.5(S0-1.25)
6505MHz Straddle 6.425-6.525GHz	9.5(S0-1.5)
6665MHz	9.25(S0-1.25)
6825MHz Straddle 6.525-6.875GHz	9.25(S0-1.25)
6985MHz	10.5(S0-4)

**<Partial RU>****low power_RU26_1TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	-3.25
6195MHz	-3.25
6415MHz	-3
6435MHz	-3.25
6475MHz	-3.25
6515MHz	-3
6535MHz	-3.5
6695MHz	-3.25
6855MHz	-3.5
6875MHz Straddle 6.525-6.875GHz	-3.25
6875MHz Straddle 6.875-7.125GHz	
6895MHz	-3.25
6995MHz	-3.75
7095MHz	-1.5
7115MHz	-2.25

low power_RU52_1TX

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	-0.5
6195MHz	-0.5
6415MHz	-0.25
6435MHz	-0.5
6475MHz	-0.5
6515MHz	-0.25
6535MHz	-0.5
6695MHz	-0.25
6855MHz	-0.5
6875MHz Straddle 6.525-6.875GHz	-0.5
6875MHz Straddle 6.875-7.125GHz	
6895MHz	-0.5
6995MHz	-1
7095MHz	2.25
7115MHz	1.5

**low power_RU106_1TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	2.75
6195MHz	2.75
6415MHz	2.75
6435MHz	2.75
6475MHz	2.75
6515MHz	2.75
6535MHz	2.75
6695MHz	3
6855MHz	2.75
6875MHz Straddle 6.525-6.875GHz	2.75
6875MHz Straddle 6.875-7.125GHz	
6895MHz	2.75
6995MHz	2.5
7095MHz	4.25
7115MHz	3.75

**<Partial RU>****low power RU26_2TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	-8(S1-3)
6195MHz	-7.75(S1-3)
6415MHz	-7.75(S1-3)
6435MHz	-7.75(S1-3)
6475MHz	-8(S1-3)
6515MHz	-7.75(S1-3.5)
6535MHz	-8(S1-3.5)
6695MHz	-7.75(S1-3)
6855MHz	-8(S1-3)
6875MHz Straddle 6.525-6.875GHz	-7.75(S1-3)
6895MHz	-7.75(S1-3)
6995MHz	-8.75
7095MHz	-7(S1-2)
7115MHz	-8

low power RU52_2TX

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	-5.75(S1-0.5)
6195MHz	-5.5(S1-0.5)
6415MHz	-5.5(S1-0.5)
6435MHz	-5.5(S1-0.5)
6475MHz	-5.5(S1-0.5)
6515MHz	-5.5(S1-0.25)
6535MHz	-5.75(S1-0.5)
6695MHz	-5.5(S1-0.5)
6855MHz	-5.5(S1-0.5)
6875MHz Straddle 6.525-6.875GHz	-5.25(S0-0.25)
6895MHz	-5.5
6995MHz	-4.5(S0-2)
7095MHz	-4.25(S1-1)
7115MHz	-4.25(S0-1)

**low power RU106 2TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	-3.25(S0-0.75)
6195MHz	-3.25
6415MHz	-3.25(S0-0.25)
6435MHz	-3.25(S0-0.25)
6475MHz	-3.25(S0-0.25)
6515MHz	-3(S0-0.5)
6535MHz	-3.25(S0-0.5)
6695MHz	-3.25(S0-0.25)
6855MHz	-3.25(S0-0.5)
6875MHz Straddle 6.525-6.875GHz	-2.25(S0-1.25)
6895MHz	-2.25(S0-1.25)
6995MHz	-1.75(S0-2.5)
7095MHz	-2.5
7115MHz	-1.75(S0-1.5)

**<Full RU> standard power_Non-beamforming mode_1TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	14
6195MHz	23
6415MHz	19.5
6535MHz	21
6695MHz	23
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5965MHz	17.5
6205MHz	23
6405MHz	18.5
6565MHz	22.25
6685MHz	23
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5985MHz	16.75
6225MHz	23
6385MHz	17.75
6625MHz	22.5
6705MHz	23
6785MHz	20.75
802.11ax HEW160_Nss1,(MCS0)_1TX	-
6025MHz	15.5
6185MHz	23
6345MHz	15
6665MHz	18.75

**<Full RU> standard power_Non-beamforming mode_2TX**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	15(S0-1.25)
6195MHz	19.75(S0-1.25)
6415MHz	19.75(S0-1)
6535MHz	19.25(S0-0.75)
6695MHz	19.25(S0-1)
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	16.5(S0-1.25)
6205MHz	20(S0-1.5)
6405MHz	19.75(S0-1.25)
6565MHz	19.25(S0-1)
6685MHz	19(S0-0.75)
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5985MHz	14(S0-1)
6225MHz	20(S0-1.5)
6385MHz	18(S0-1)
6625MHz	19.25(S0-1)
6705MHz	19(S0-1)
6785MHz	19(S0-0.75)
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	13.25(S0-1)
6185MHz	19.5(S0-1.25)
6345MHz	16(S0-1)
6665MHz	18.5(S0-1)

**<Full RU> standard power_Beamforming mode_2TX**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	15(S0-1.25)
6195MHz	19.75(S0-1.25)
6415MHz	19.75(S0-1)
6535MHz	19.25(S0-0.75)
6695MHz	19.25(S0-1)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	16.5(S0-1.25)
6205MHz	20(S0-1.5)
6405MHz	19.75(S0-1.25)
6565MHz	19.25(S0-1)
6685MHz	19(S0-0.75)
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	14(S0-1)
6225MHz	20(S0-1.5)
6385MHz	18(S0-1)
6625MHz	19.25(S0-1)
6705MHz	19(S0-1)
6785MHz	19(S0-0.75)
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	13.25(S0-1)
6185MHz	19.5(S0-1.25)
6345MHz	16(S0-1)
6665MHz	18.5(S0-1)

**<Partial RU>****standard power RU26_1TX**

Mode	Power Setting
ax20_RU26_Nss1,(MCS0)_1TX	-
5955MHz	12.25
6195MHz	15
6415MHz	15.5
6535MHz	15.25
6695MHz	15.25

standard power RU52_1TX

Mode	Power Setting
ax20_RU52_Nss1,(MCS0)_1TX	-
5955MHz	13.75
6195MHz	17.75
6415MHz	18.25
6535MHz	18.25
6695MHz	18.25

standard power RU106_1TX

Mode	Power Setting
ax20_RU106_Nss1,(MCS0)_1TX	-
5955MHz	15.5
6195MHz	20.75
6415MHz	21
6535MHz	20.75
6695MHz	21

**<Partial RU>****standard power RU26_2TX**

Mode	Power Setting
ax20_RU26_Nss1,(MCS0)_2TX	-
5955MHz	10.75(S0-1.25)
6195MHz	10.75(S0-1.25)
6415MHz	10.75(S0-1.25)
6535MHz	10.75(S0-1.25)
6695MHz	10.75(S0-1.25)

standard power RU52_2TX

Mode	Power Setting
ax20_RU52_Nss1,(MCS0)_2TX	-
5955MHz	13.5(S0-1)
6195MHz	13.5(S0-1)
6415MHz	13.75(S0-1)
6535MHz	13.5(S0-1)
6695MHz	13.5(S0-1)

standard power RU106_2TX

Mode	Power Setting
ax20_RU106_Nss1,(MCS0)_2TX	-
5955MHz	15.5(S0-1)
6195MHz	16(S0-1)
6415MHz	16(S0-1)
6535MHz	16(S0-1)
6695MHz	16(S0-0.5)

Note:

- ♦ There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode. only beamforming mode was tested and recorded in this report.

2.2 The Worst Case Measurement Configuration

<Full RU>

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 + WLAN 2.4GHz+ Bluetooth + Ant. 2
2	EUT + WLAN 5GHz+ Bluetooth + Ant. 2
3	EUT + WLAN 6GHz+ Bluetooth + Ant. 2
Mode 2 generated the worst test result, so it was recorded in this report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT with Ant. 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Peak Power Spectral Density (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT with Ant. 1
2	EUT with Ant. 2
3	EUT with Ant. 3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Frequency Stability
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT with - 5dBi

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 X axis + WLAN 2.4GHz + Bluetooth + Ant. 2
2	EUT in Y axis + WLAN 2.4GHz + Bluetooth + Ant. 2
3	EUT in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 2
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 ~ 5 will follow this same test mode.	
4	EUT in Z axis + WLAN 5GHz + Bluetooth + Ant. 2
5	EUT in Z axis + WLAN 6GHz + Bluetooth + Ant. 2
Mode 3 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 ~ 7 will follow this same test mode.	
6	EUT in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 3
7	EUT in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 1
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	1TX: EUT in Y axis with Ant. 1
	2TX: EUT in Y axis with Ant. 1
2	1TX: EUT in Y axis with Ant. 2
	2TX: EUT in Y axis with Ant. 2
3	1TX: EUT in Y axis with Ant. 3
	2TX: EUT in Y axis with Ant. 3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT with Ant. 1
2	EUT with Ant. 2
3	EUT with Ant. 3

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 X axis, Y axis and Z axis position. EUT X axis in 5GHz + Bluetooth and EUT Y axis in 6GHz + Bluetooth were been evaluated to be the worst case at Radiated measurement <Above 1GHz>; thus, the measurement will follow this same test configuration	
1	EUT in X with Ant. 1 (Port 1)_WLAN 5GHz + Bluetooth
2	EUT in Y with Ant. 1 (Port 1)_WLAN 6GHz + Bluetooth
3	EUT in X with Ant. 2 (Port 1)_WLAN 5GHz + Bluetooth
4	EUT in Y with Ant. 2 (Port 1)_WLAN 6GHz + Bluetooth
5	EUT in X with Ant. 3 (Port 1)_WLAN 5GHz + Bluetooth
6	EUT in Y with Ant. 3 (Port 1)_WLAN 6GHz + Bluetooth
For operating mode 5 is the worst case and it was record in this test report.	
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	Bluetooth + WLAN 5GHz : 2TX
2	Bluetooth + WLAN 6GHz : 2TX
3	WLAN 2.4GHz: 1TX + WLAN 5GHz : 1TX
4	WLAN 2.4GHz: 1TX + WLAN 6GHz : 1TX
5	Bluetooth + WLAN 5GHz : 1TX + WLAN 6GHz : 1TX
Refer to Sporton Test Report No.: FA1N0223 for Co-location RF Exposure Evaluation.	

<Partial RU>

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT with Ant. 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Peak Power Spectral Density (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT with Ant. 1
2	EUT with Ant. 2
3	EUT with Ant. 3

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT with Ant. 1
2	EUT with Ant. 2
3	EUT with Ant. 3

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	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	1TX: EUT in Y axis with Ant. 1
	2TX: EUT in Y axis with Ant. 1
2	1TX: EUT in Y axis with Ant. 2
	2TX: EUT in Y axis with Ant. 2
3	1TX: EUT in Y axis with Ant. 3
	2TX: EUT in Y axis with Ant. 3



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction and Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	PP13S	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	WIFI AP	ASUS	AX88U	N/A
E	Wireless Connectivity Tester	R&S	CMW270	N/A
F	Test fixture	REALTEK	Ameba adapter	N/A

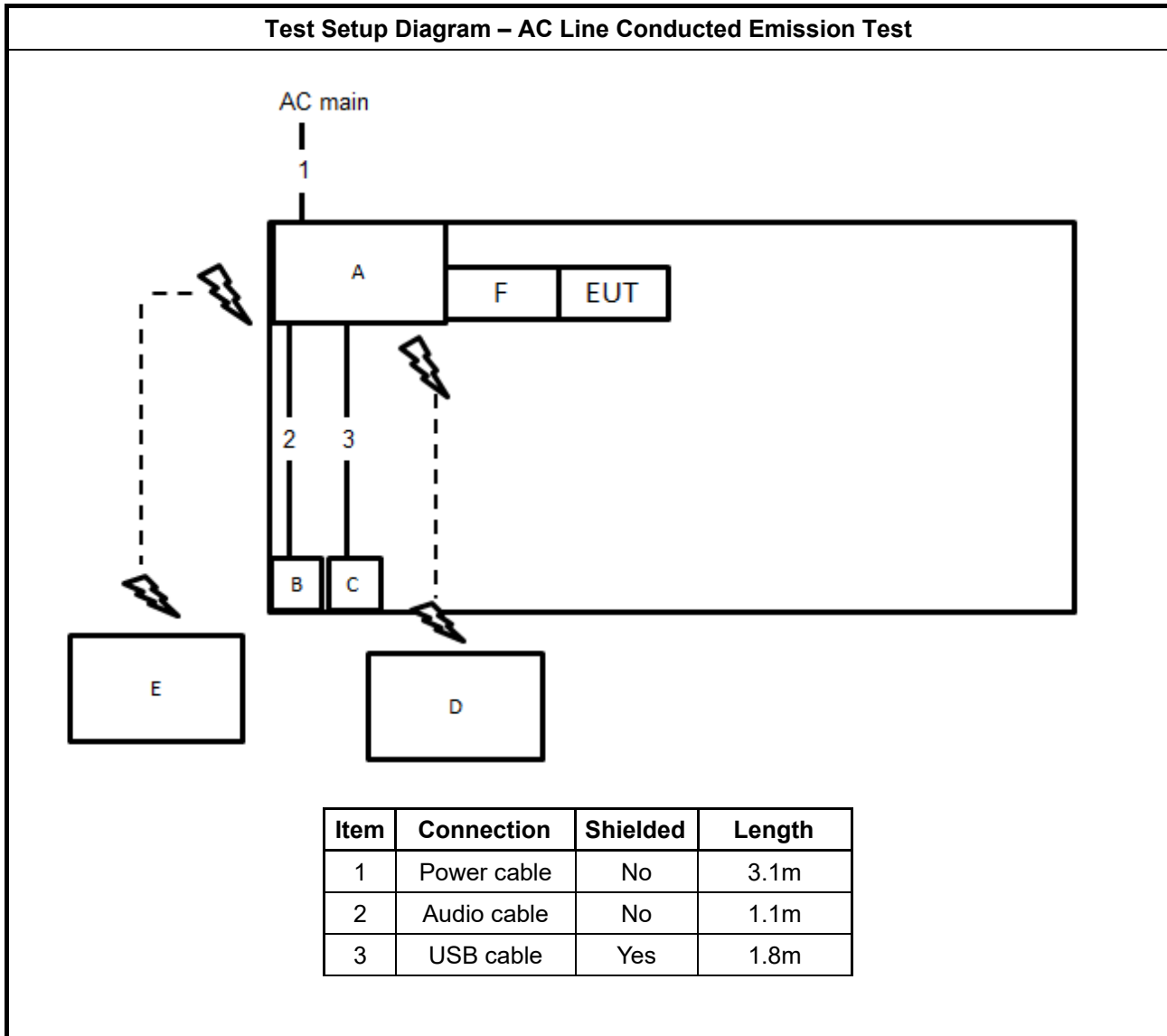
For Radiated (above 1GHz) and RF Conducted (Other tests):

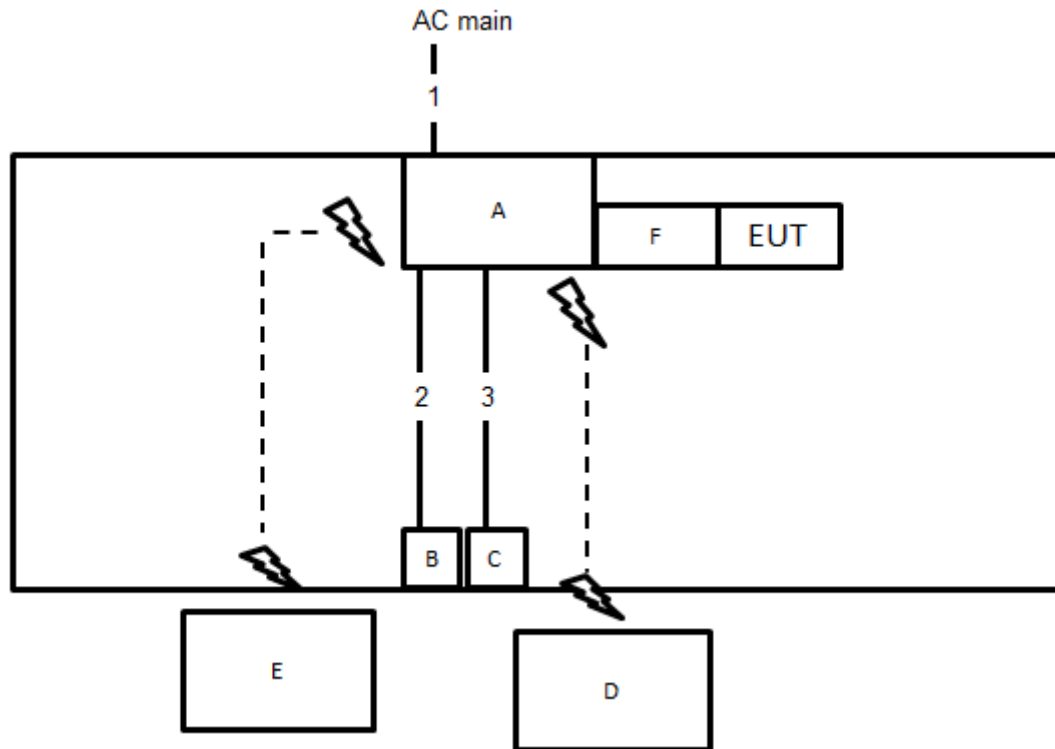
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Test fixture	REALTEK	Ameba adapter	N/A

For RF Conducted (Contention-Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E6230	N/A
C	WLAN AP	LINKSYS	Divo	N/A
D	Test fixture	REALTEK	Ameba adapter	N/A

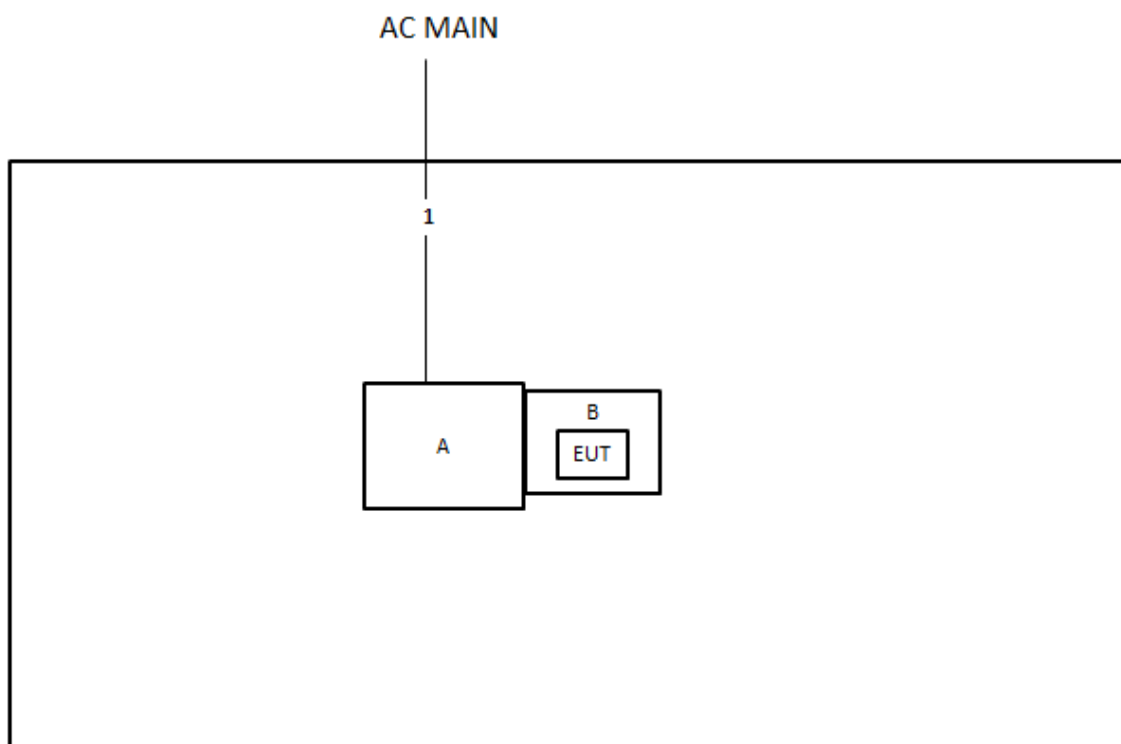
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	3.1m
2	Audio cable	No	1.1m
3	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power 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.

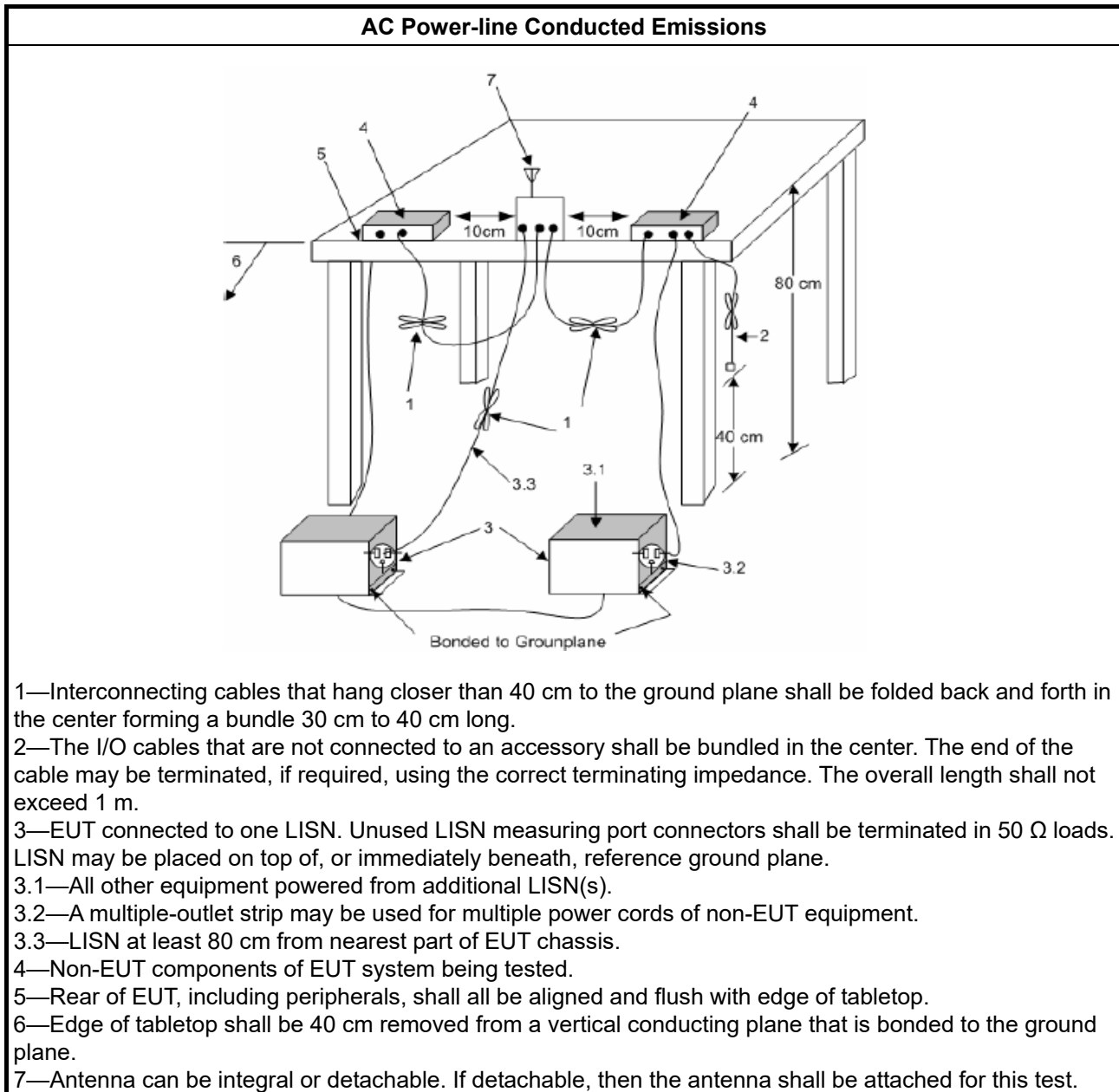
3.1.2 Measuring Instruments

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



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

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 5925-6425 GHz band, N/A
☒	For the 6425-6525 GHz band, N/A
☒	For the 6525-6875 GHz band, N/A
☒	For the 6875-7125 GHz band, N/A
RLAN Devices	
☐	For the 5925-6425 GHz band, N/A
☐	For the 6425-6525 GHz band, N/A
☐	For the 6525-6875 GHz band, N/A
☐	For the 6875-7125 GHz band, N/A

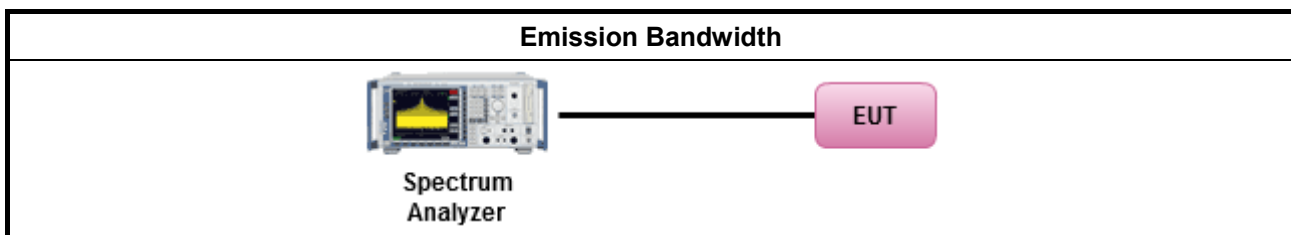
3.2.2 Measuring Instruments

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:	
☒	According to KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, 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



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)

3.3.1 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	- For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). - For indoor access point : e.i.r.p < 30 dBm. - For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. - For client device control of a standard power access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.425 ~ 6.525 GHz band:
☐	- For indoor access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.525 ~ 6.875 GHz band:
☐	- For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm). - For indoor access point : e.i.r.p < 30 dBm. - For subordinate device control of an indoor access point : e.i.r.p < 30 dBm. - For client device control of a standard power access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.875 ~ 7.125 GHz band:
☐	- For indoor access point : e.i.r.p < 30 dBm. - For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
☐	- For RLAN devices(Indoor) other than client devices < 30 dBm / occupied bandwidth. - For client devices(Indoor) < 24 dBm / occupied bandwidth.

3.3.2 Measuring Instruments

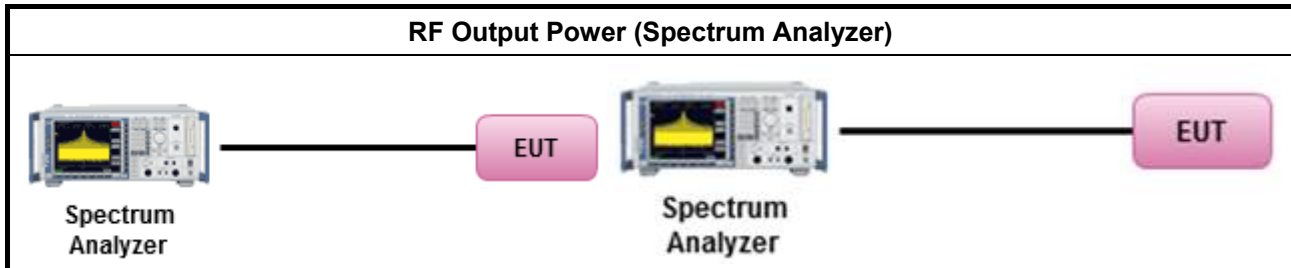
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

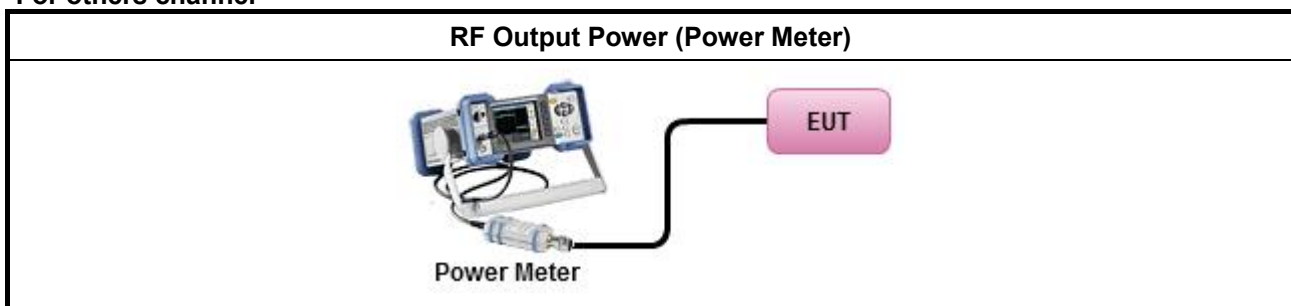
Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐	Refer as FCC KDB 789033 D02, 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 D02, 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	
☐ For radiated measurement.	
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.3.4 Test Setup

For straddle channel



For others channel



3.3.5 Test Result of Maximum Equivalent Isotopically Radiated Power (E.I.R.P)

Refer as Appendix C

3.4 Peak Power Spectral Density (E.I.R.P.)

3.4.1 Peak Power Spectral Density (E.I.R.P.) Limit

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.425 ~ 6.525 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.525 ~ 6.875 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.875 ~ 7.125 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
☐	For RLAN devices(Indoor) other than client devices < 5 dBm / MHz.
☐	For client devices(Indoor) < -1 dBm / MHz.

3.4.2 Measuring Instruments

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

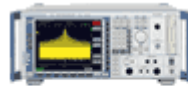
**3.4.3 Test Procedures**

Test Method	
According to KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. 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 D02, 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 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, 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 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐	For radiated measurement.
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement



Spectrum
Analyzer

EUT

3.4.5 Test Result of Peak Power Spectral Density (E.I.R.P.)

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).

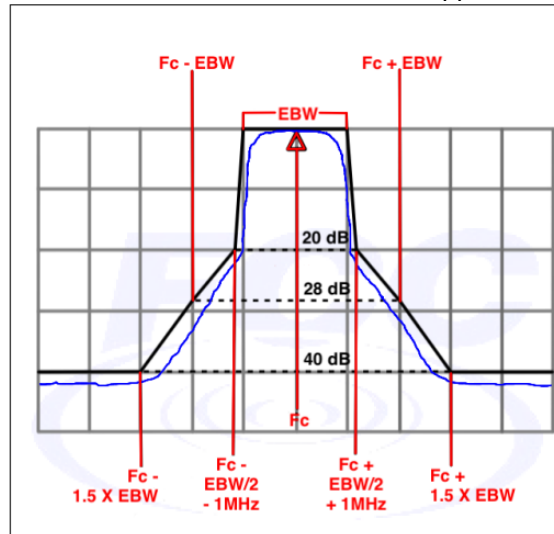
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, 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($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	Emission MASK Limit

5.945 – 7.125 GHz

Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.





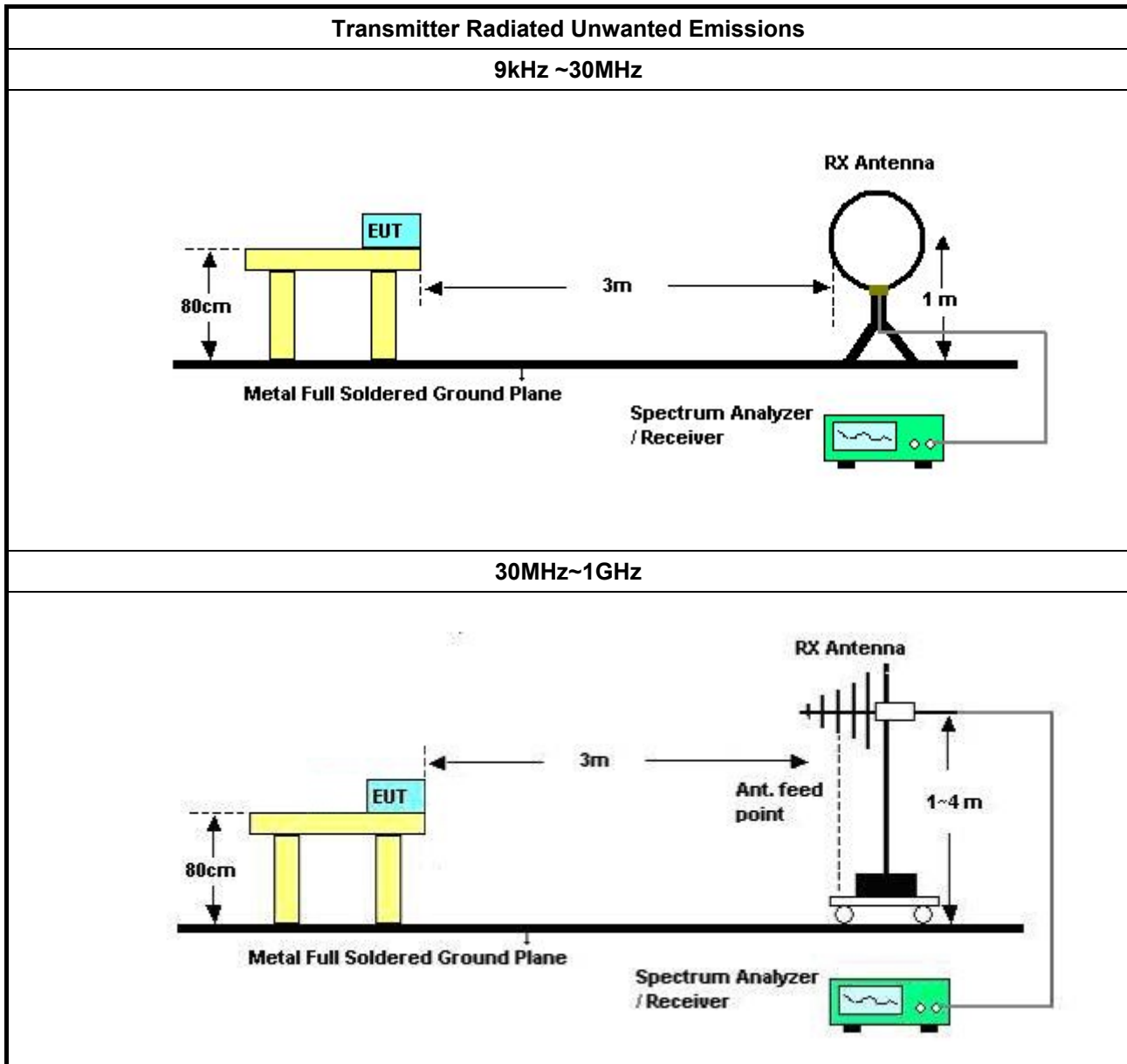
3.5.2 Measuring Instruments

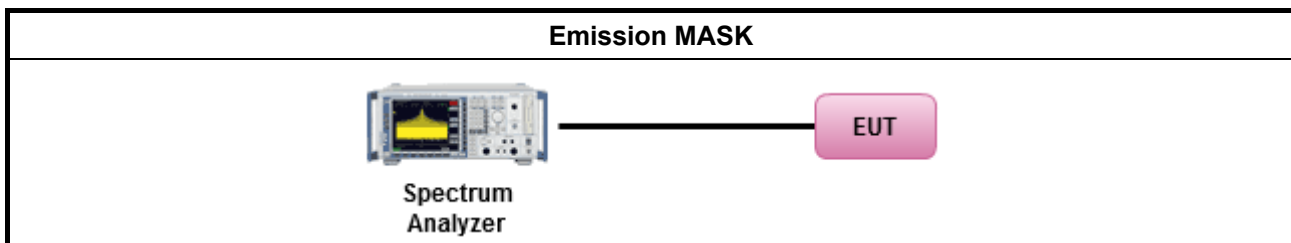
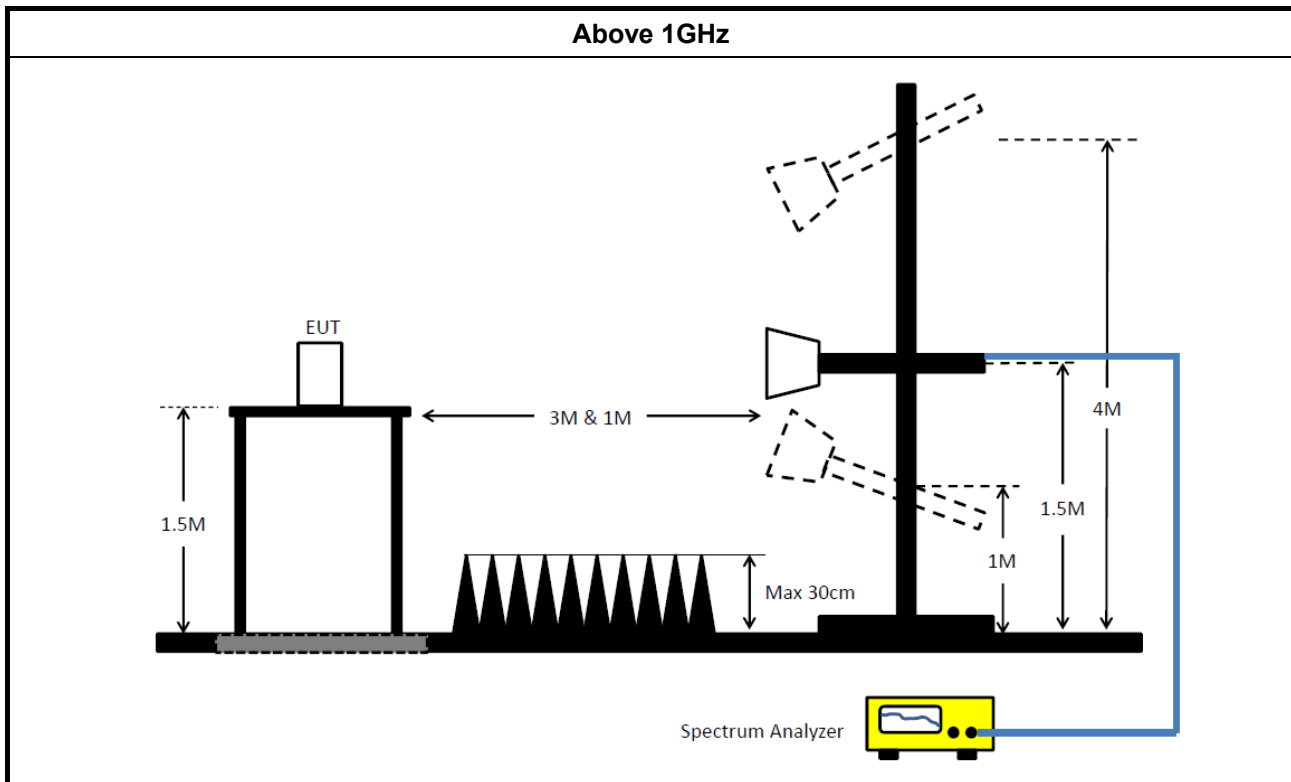
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
According to KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). 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 $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC draft KDB 987594 D02, J) In-Band Emissions
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.	
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





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

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

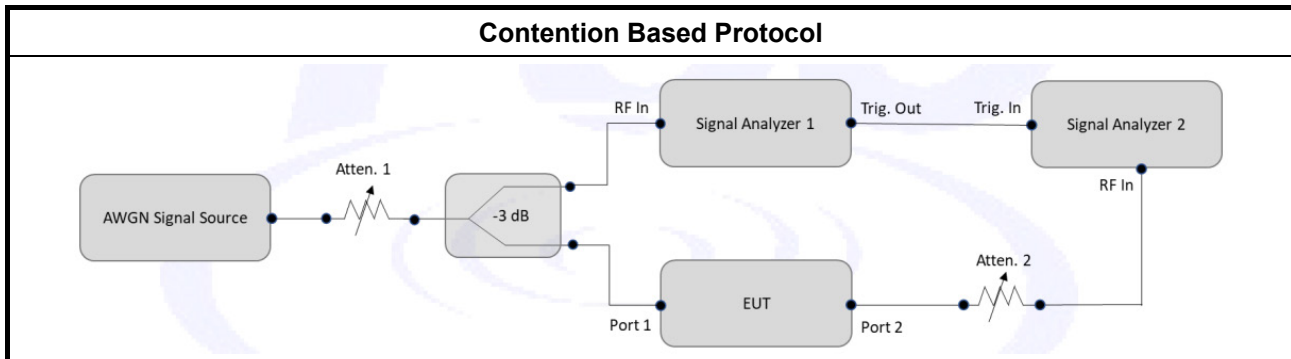
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
■	For Contention Based Protocol shall be measured using following options below:
☒	Refer as FCC draft KDB 987594 D02, I) In-Band Emissions

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F

3.7 Frequency Stability

3.7.1 Frequency Stability Limit

Frequency Stability Limit	
	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

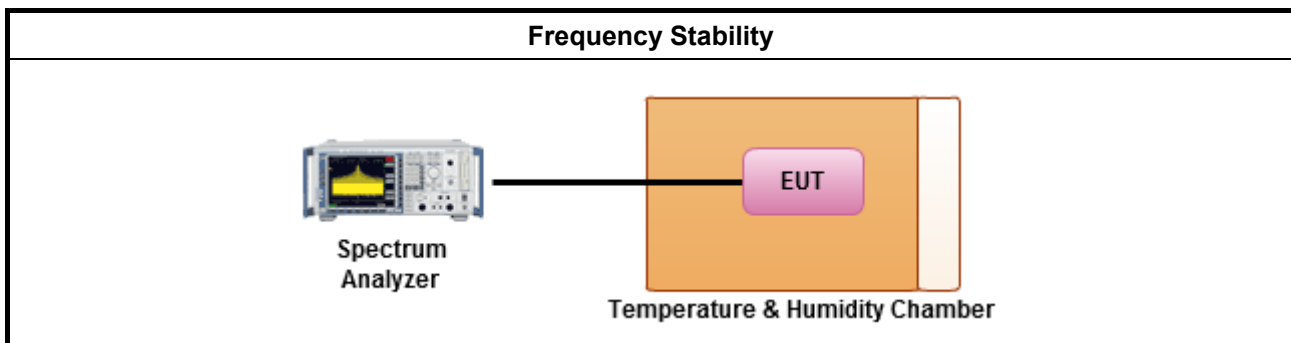
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

Test Method	
	Refer as ANSI C63.10, clause 6.8 for frequency stability tests
	Frequency stability with respect to ambient temperature
	Frequency stability when varying supply voltage
	Extreme temperature is -30°C~50°C.

3.7.4 Test Setup



3.7.5 Test Result of Frequency Stability

Refer as Appendix G



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 27, 2022	Jan. 26, 2023	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 19, 2021	Oct. 18, 2022	Radiation (10CH01-CB)
High Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 19, 2021	Oct. 18, 2022	Radiation (10CH01-CB)
Bilog Antenna with 6dB Attenuator	Chase & EMCi	CBL6111A &N-6-06	1543 &AT-N0609	30MHz ~ 1GHz	Jul. 01, 2021	Jun. 30, 2022	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	CB6G-BRJ-01	1GHz ~ 7.4GHz	Jan. 11, 2022	Jan. 10, 2023	Radiation (03CH01-CB)
Band Rejector	MTJ	6G Band Rejector	CB6G-BRJ-02	1GHz ~ 8GHz	Jan. 11, 2022	Jan. 10, 2023	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS · Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	RG402	40G#4	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	CB6G-BRJ-01	1GHz ~ 7.4GHz	Jan. 11, 2022	Jan. 10, 2023	Radiation (03CH03-CB)
Band Rejector	MTJ	6G Band Rejector	CB6G-BRJ-02	1GHz ~ 8GHz	Jan. 11, 2022	Jan. 10, 2023	Radiation (03CH03-CB)
Test Software	Audix	E3	6.2009-10-8b	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 08, 2021	Aug. 07, 2022	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS · Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	RG402	40G#4	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2022	May 26, 2023	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	May 28, 2021	May 27, 2022	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	May 23, 2022	May 22, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 06, 2021	Nov. 05, 2022	Conducted (DF02-CB)
Vector Signal generator	R&S	SMW200A	109426	100KHz- 7.5GHz	Dec. 28, 2021	Dec. 27, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 15, 2020	Nov. 14, 2021	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 25, 2021	Nov. 24, 2022	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



Conducted Emissions at Powerline

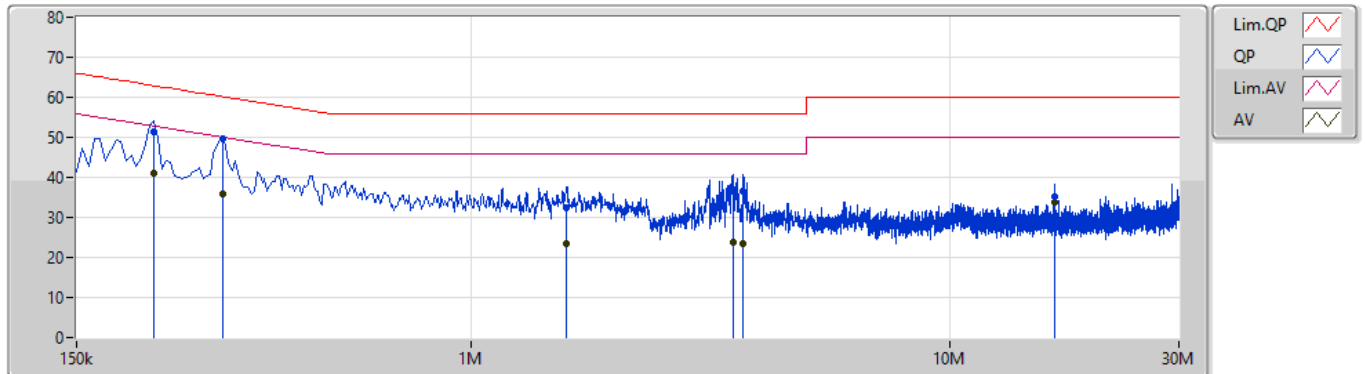
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	303k	49.73	60.17	-10.44	Line

Mode 2

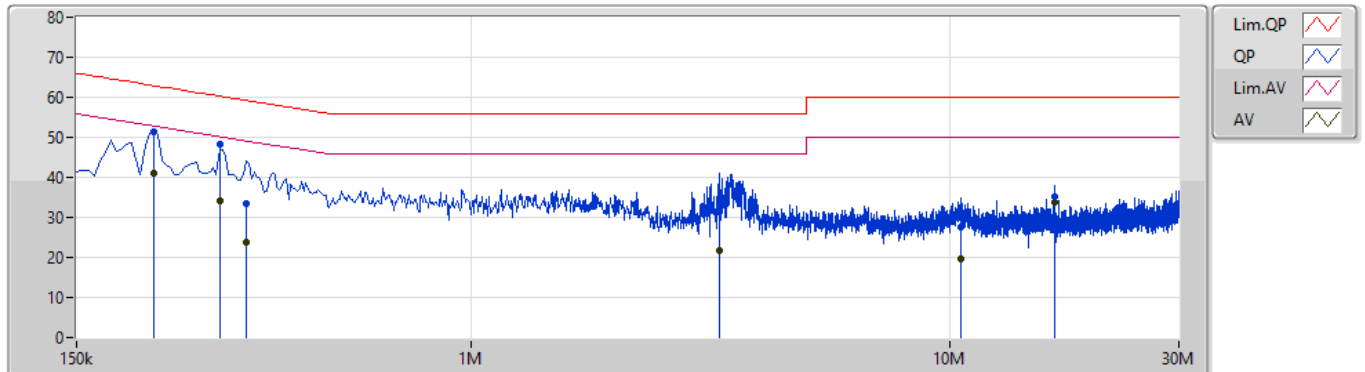
13/05/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	217.5k	51.25	62.92	-11.67	9.97	Line	-	41.28	0.06	0.02	9.89			
AV	217.5k	41.20	52.92	-11.72	9.97	Line	-	31.23	0.06	0.02	9.89			
QP	303k	49.73	60.17	-10.44	9.97	Line	"Worst"	39.76	0.06	0.02	9.89			
AV	303k	35.87	50.17	-14.30	9.97	Line	-	25.90	0.06	0.02	9.89			
QP	1.581M	32.27	56.00	-23.73	10.01	Line	-	22.26	0.08	0.04	9.89			
AV	1.581M	23.37	46.00	-22.63	10.01	Line	-	13.36	0.08	0.04	9.89			
QP	3.512M	36.85	56.00	-19.15	10.07	Line	-	26.78	0.11	0.07	9.89			
AV	3.512M	23.68	46.00	-22.32	10.07	Line	-	13.61	0.11	0.07	9.89			
QP	3.701M	36.56	56.00	-19.44	10.08	Line	-	26.48	0.12	0.07	9.89			
AV	3.701M	23.28	46.00	-22.72	10.08	Line	-	13.20	0.12	0.07	9.89			
QP	16.467M	35.01	60.00	-24.99	10.34	Line	-	24.67	0.28	0.11	9.95			
AV	16.467M	33.72	50.00	-16.28	10.34	Line	-	23.38	0.28	0.11	9.95			

Mode 2

13/05/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	217.5k	51.31	62.92	-11.61	9.98	Neutral	"Worst"	41.33	0.07	0.02	9.89			
AV	217.5k	40.99	52.92	-11.93	9.98	Neutral	-	31.01	0.07	0.02	9.89			
QP	298.5k	48.18	60.28	-12.10	9.98	Neutral	-	38.20	0.07	0.02	9.89			
AV	298.5k	34.28	50.28	-16.00	9.98	Neutral	-	24.30	0.07	0.02	9.89			
QP	339k	33.53	59.23	-25.70	9.98	Neutral	-	23.55	0.07	0.02	9.89			
AV	339k	23.75	49.23	-25.48	9.98	Neutral	-	13.77	0.07	0.02	9.89			
QP	3.291M	34.54	56.00	-21.46	10.07	Neutral	-	24.47	0.12	0.06	9.89			
AV	3.291M	21.71	46.00	-24.29	10.07	Neutral	-	11.64	0.12	0.06	9.89			
QP	10.518M	27.42	60.00	-32.58	10.22	Neutral	-	17.20	0.24	0.07	9.91			
AV	10.518M	19.73	50.00	-30.27	10.22	Neutral	-	9.51	0.24	0.07	9.91			
QP	16.467M	35.03	60.00	-24.97	10.34	Neutral	-	24.69	0.28	0.11	9.95			
AV	16.467M	33.76	50.00	-16.24	10.34	Neutral	-	23.42	0.28	0.11	9.95			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.921M	18M9D1D	20.55M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	38.081M	38M1D1D	40.2M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	81M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	298.08M	158.561M	159MD1D	297.36M	158.321M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.61M	18.891M	18M9D1D	20.52M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.32M	38.021M	38MOD1D	40.08M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.24M	77.961M	78MOD1D	81.12M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	297.6M	158.561M	159MD1D	297.6M	158.561M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.891M	18M9D1D	20.58M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	38.081M	38M1D1D	40.26M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	80.88M	77.841M
802.11ax HEW160_Nss1,(MCS0)_1TX	317.28M	160M	160MD1D	297.84M	158.561M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.891M	18M9D1D	20.55M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.38M	38.021M	38MOD1D	40.2M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	81M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	317.52M	160M	160MD1D	317.52M	160M

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

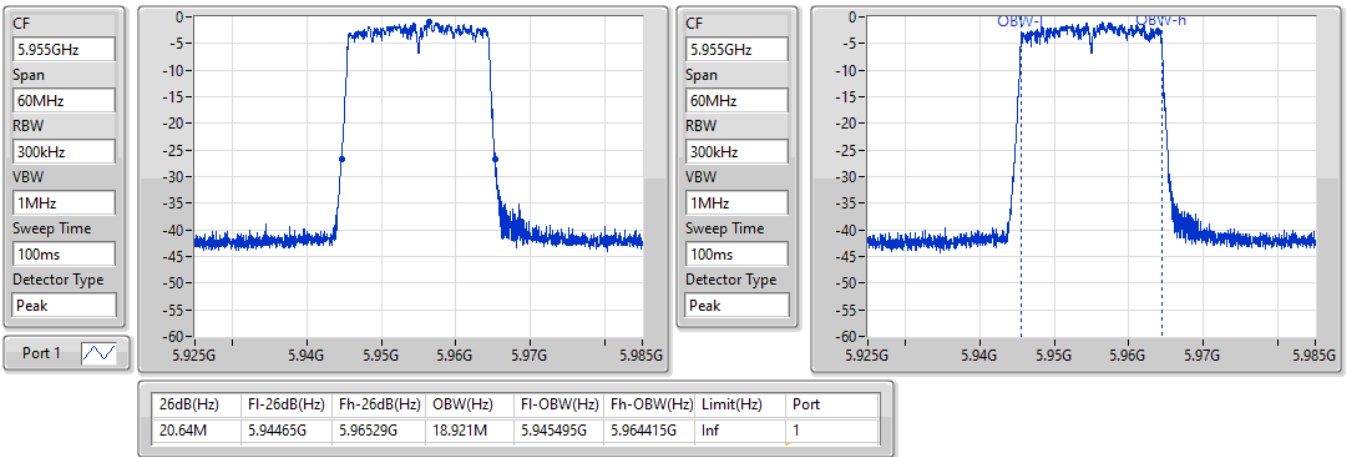
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.64M	18.921M
6195MHz	Pass	Inf	20.61M	18.891M
6415MHz	Pass	Inf	20.55M	18.891M
6435MHz	Pass	Inf	20.58M	18.891M
6475MHz	Pass	Inf	20.52M	18.891M
6515MHz	Pass	Inf	20.61M	18.891M
6535MHz	Pass	Inf	20.58M	18.861M
6695MHz	Pass	Inf	20.61M	18.891M
6855MHz	Pass	Inf	20.58M	18.891M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.64M	18.891M
6895MHz	Pass	Inf	20.61M	18.891M
6995MHz	Pass	Inf	20.64M	18.891M
7095MHz	Pass	Inf	20.55M	18.891M
7115MHz	Pass	Inf	20.55M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	40.2M	38.021M
6205MHz	Pass	Inf	40.26M	38.081M
6405MHz	Pass	Inf	40.26M	38.021M
6445MHz	Pass	Inf	40.32M	38.021M
6485MHz	Pass	Inf	40.08M	38.021M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.32M	38.021M
6565MHz	Pass	Inf	40.26M	38.021M
6685MHz	Pass	Inf	40.26M	38.021M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.26M	38.081M
6925MHz	Pass	Inf	40.38M	38.021M
7005MHz	Pass	Inf	40.2M	38.021M
7085MHz	Pass	Inf	40.26M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.12M	77.961M
6225MHz	Pass	Inf	81.12M	77.961M
6385MHz	Pass	Inf	81M	77.961M
6465MHz	Pass	Inf	81.12M	77.961M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.24M	77.961M
6625MHz	Pass	Inf	80.88M	77.961M
6705MHz	Pass	Inf	81M	77.961M
6785MHz	Pass	Inf	81M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.12M	77.841M
6945MHz	Pass	Inf	81M	77.961M
7025MHz	Pass	Inf	81.12M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	297.36M	158.321M
6185MHz	Pass	Inf	297.6M	158.321M
6345MHz	Pass	Inf	298.08M	158.561M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	297.6M	158.561M
6665MHz	Pass	Inf	297.84M	158.561M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	317.28M	160M
6985MHz	Pass	Inf	317.52M	160M

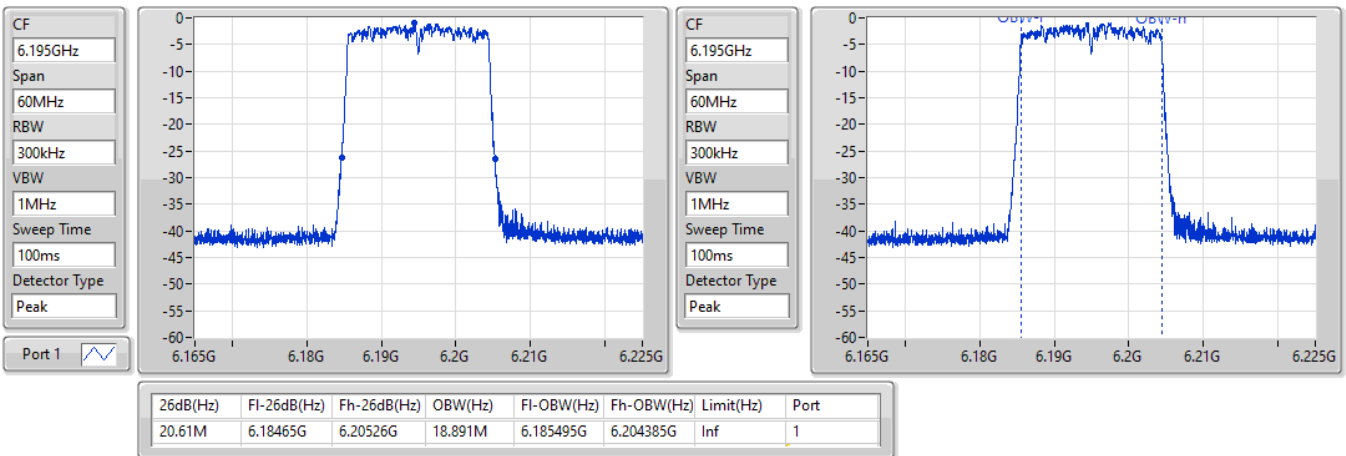
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5955MHz

13/06/2022


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

13/06/2022

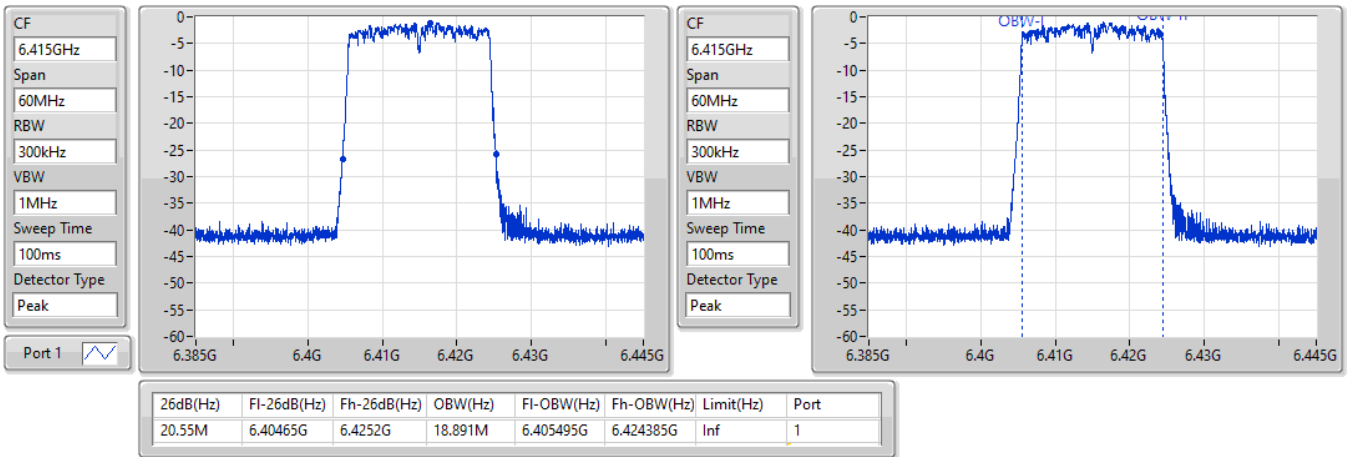


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

13/06/2022

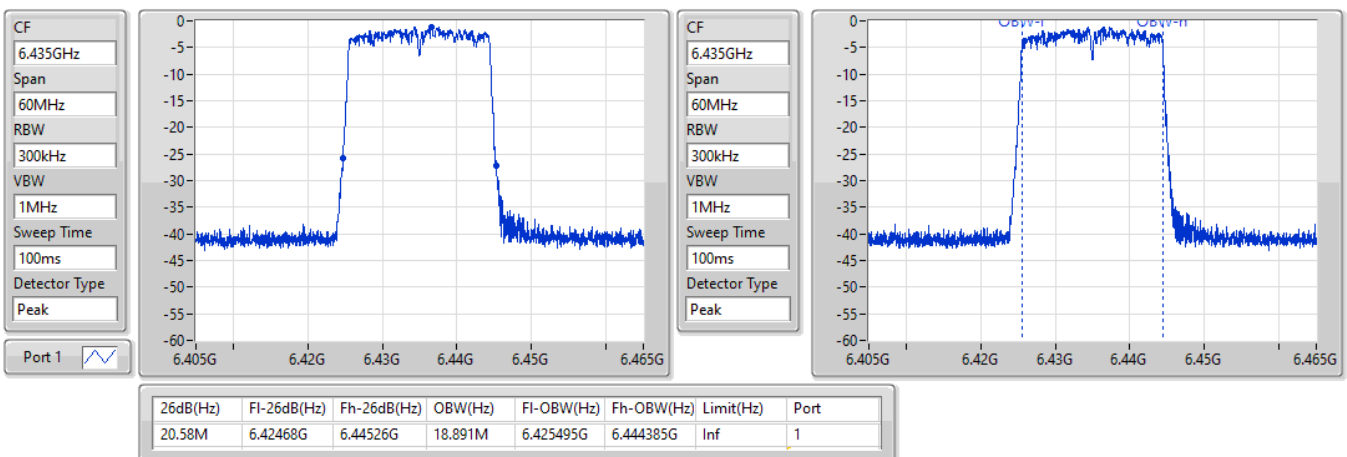


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

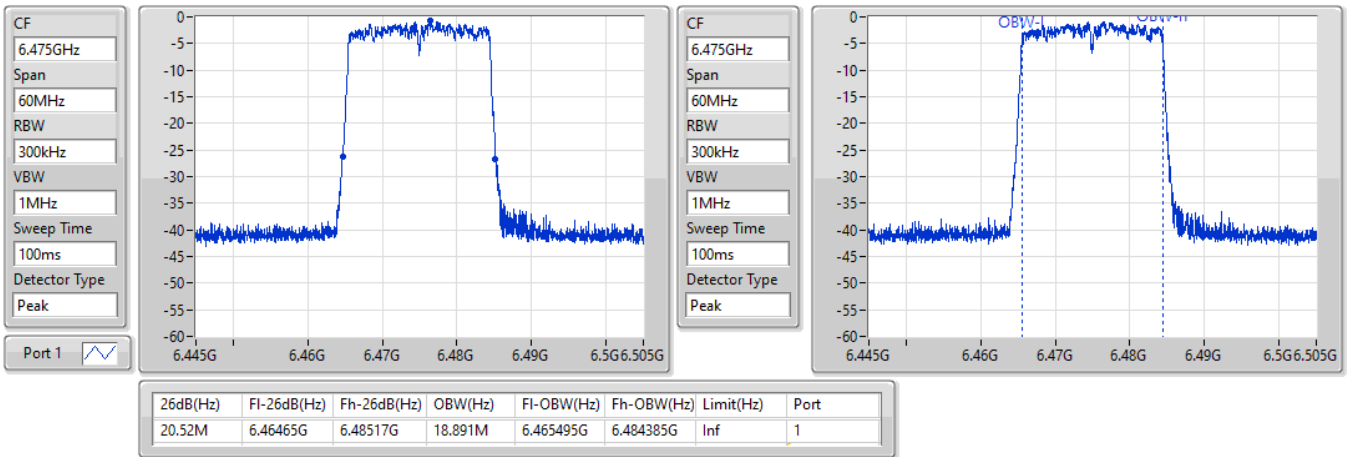
6435MHz

13/06/2022

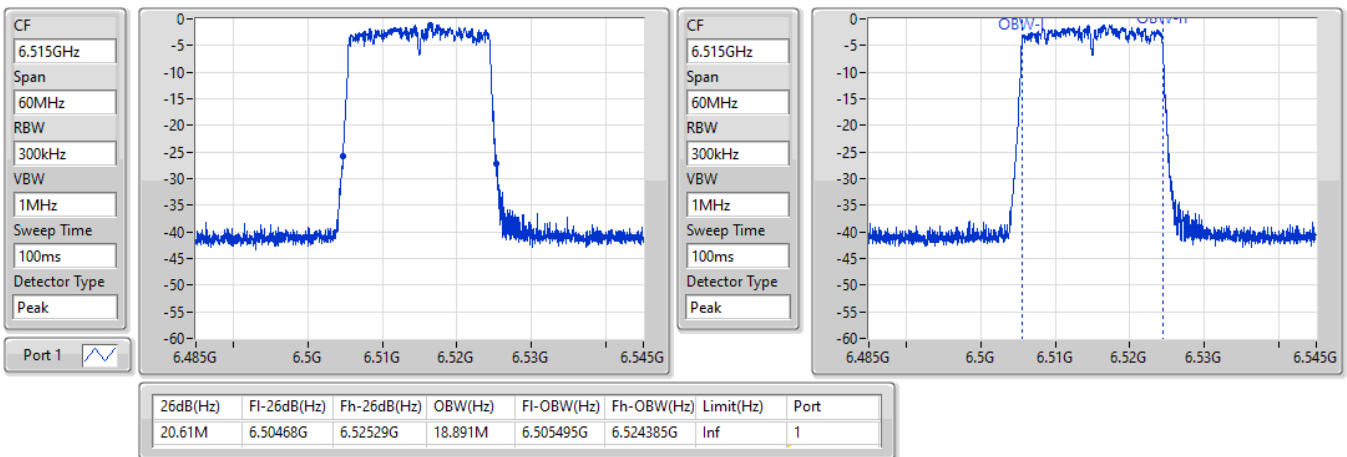


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6475MHz

13/06/2022

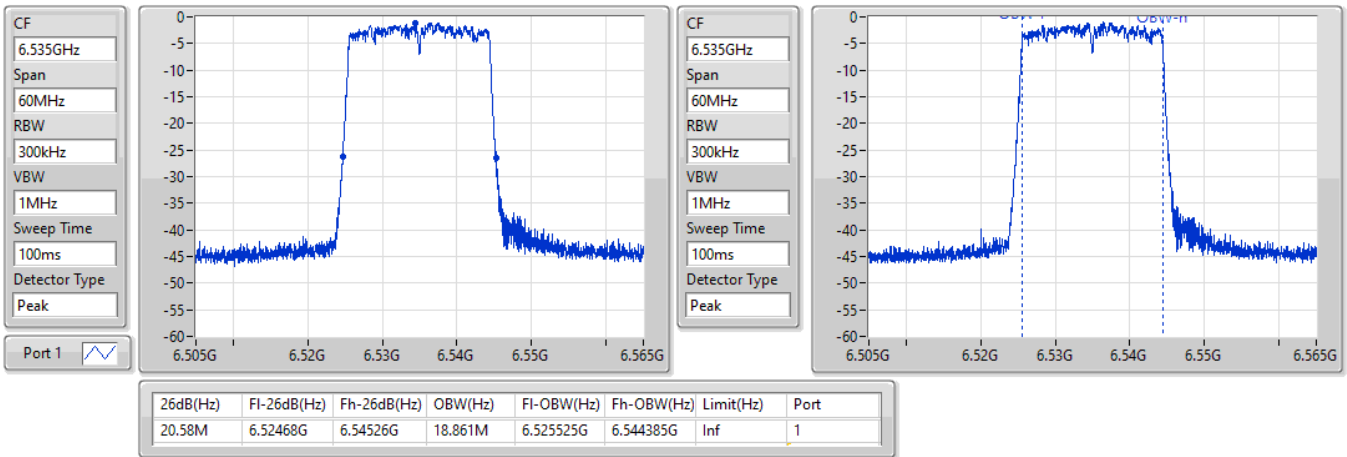

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6515MHz

13/06/2022

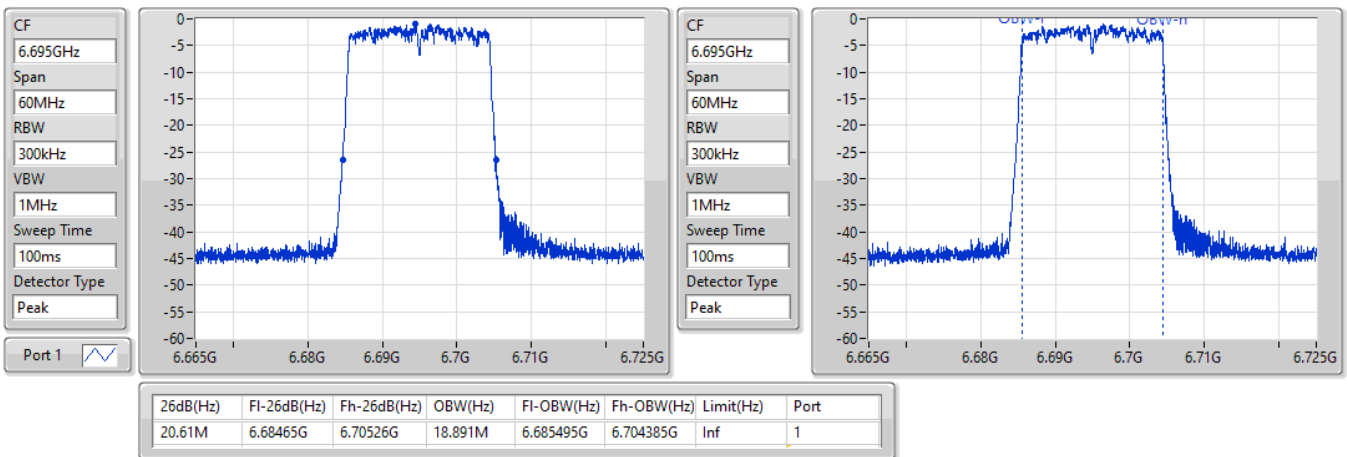


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

13/06/2022

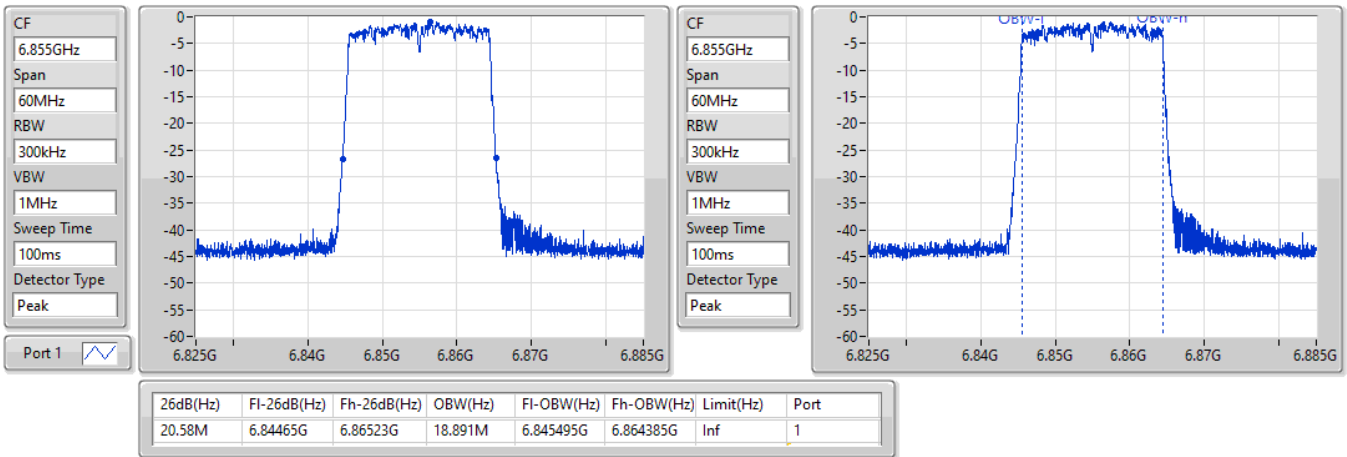

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6695MHz

13/06/2022

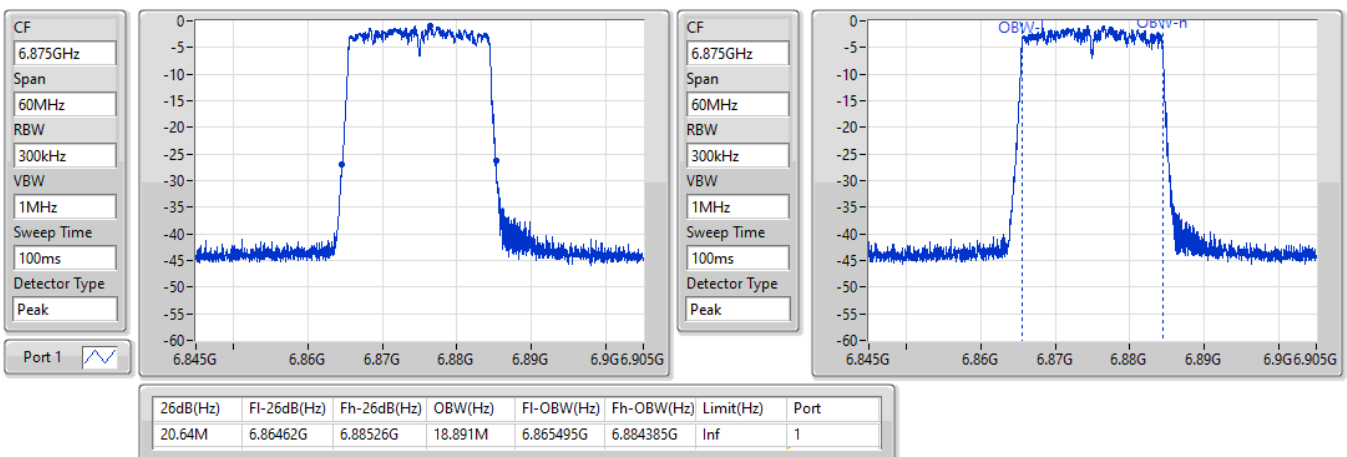


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6855MHz

13/06/2022

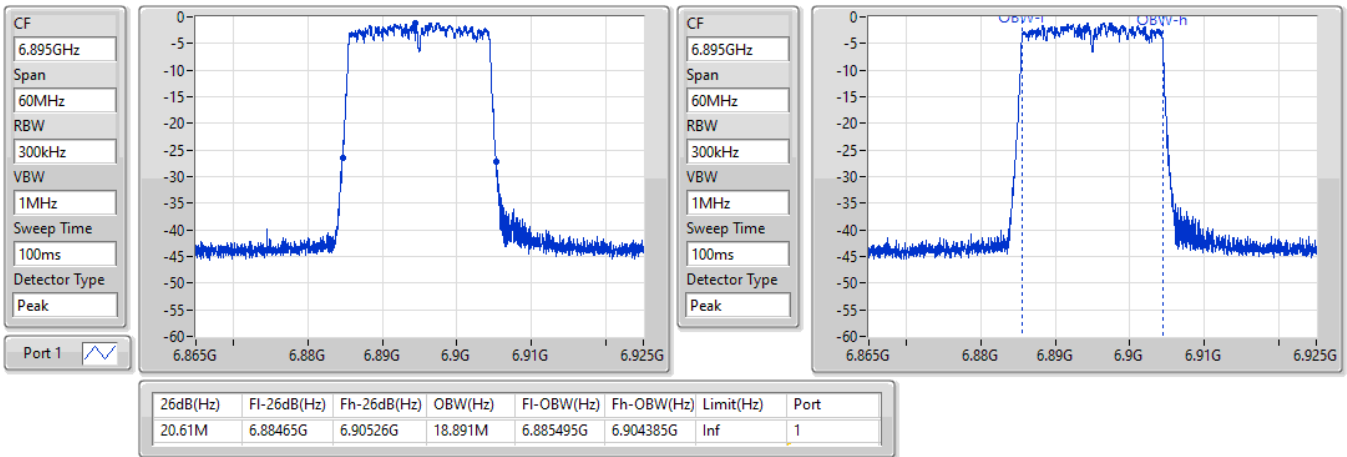

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6875MHz Straddle 6.525-6.875GHz

13/06/2022

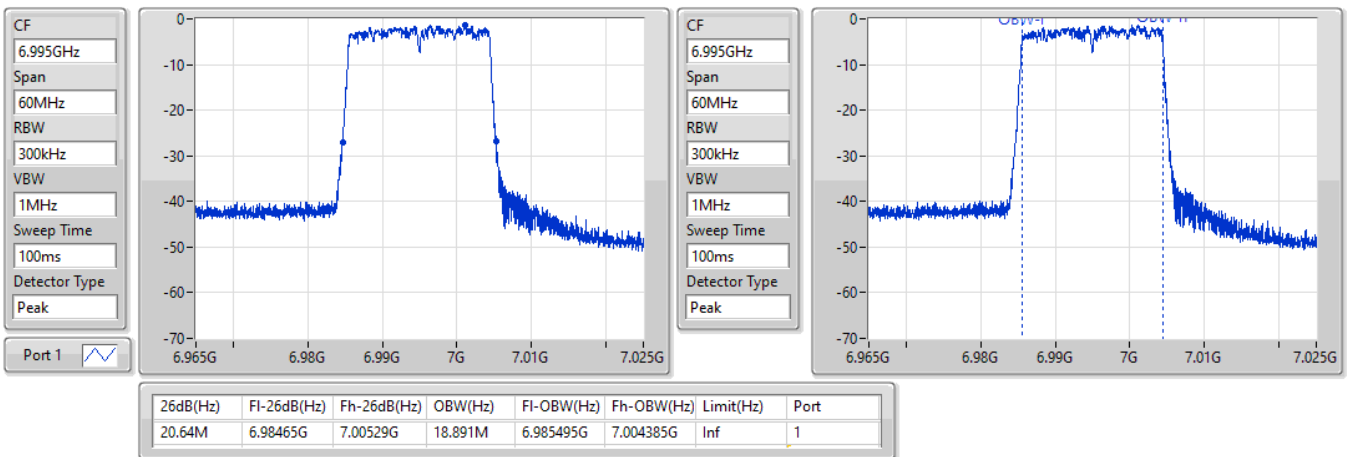


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6895MHz

13/06/2022

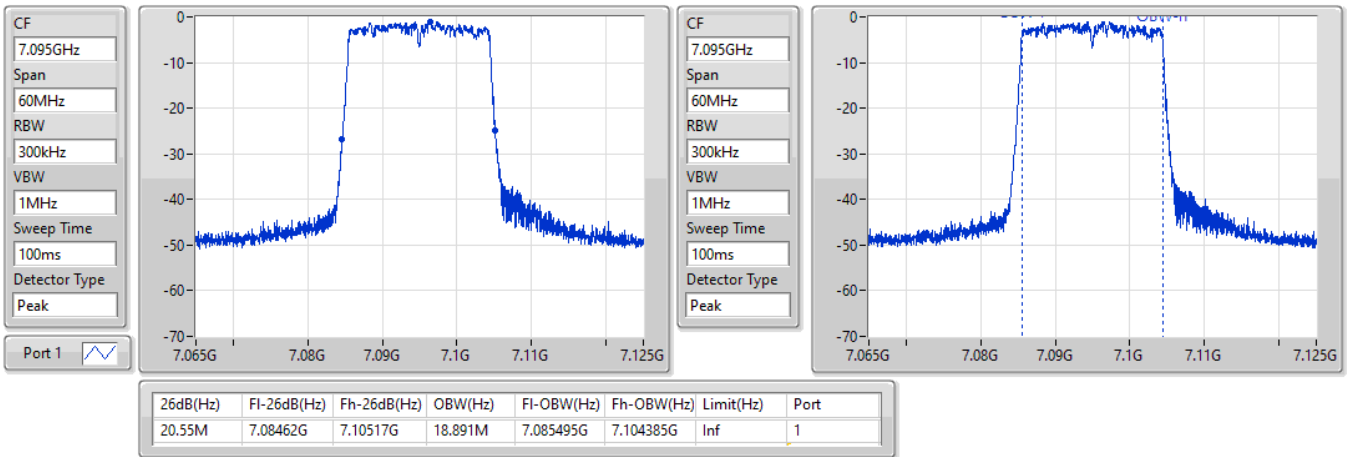

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6995MHz

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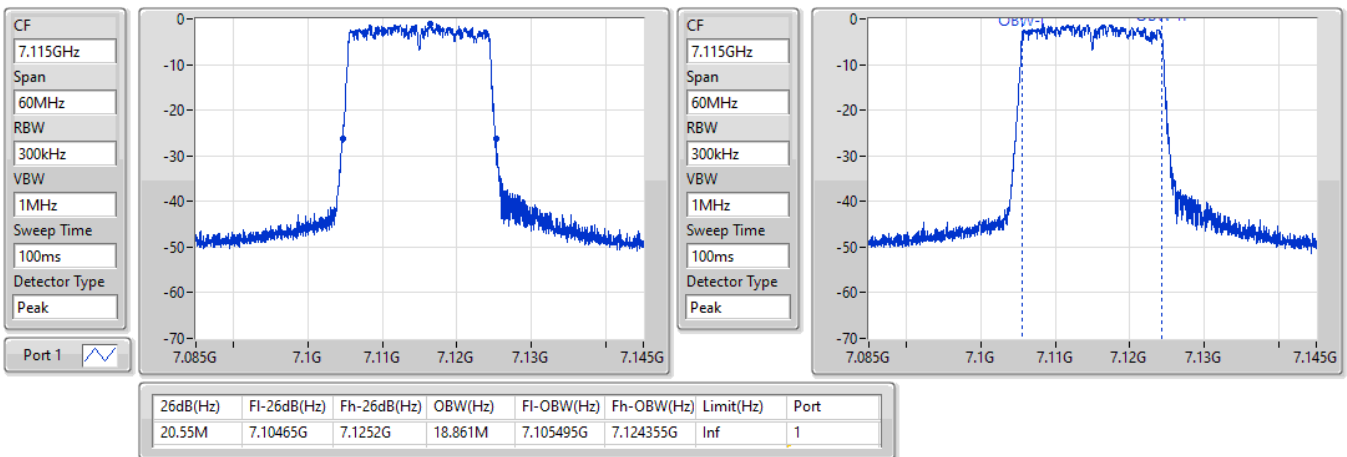


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EBW
7095MHz

13/06/2022

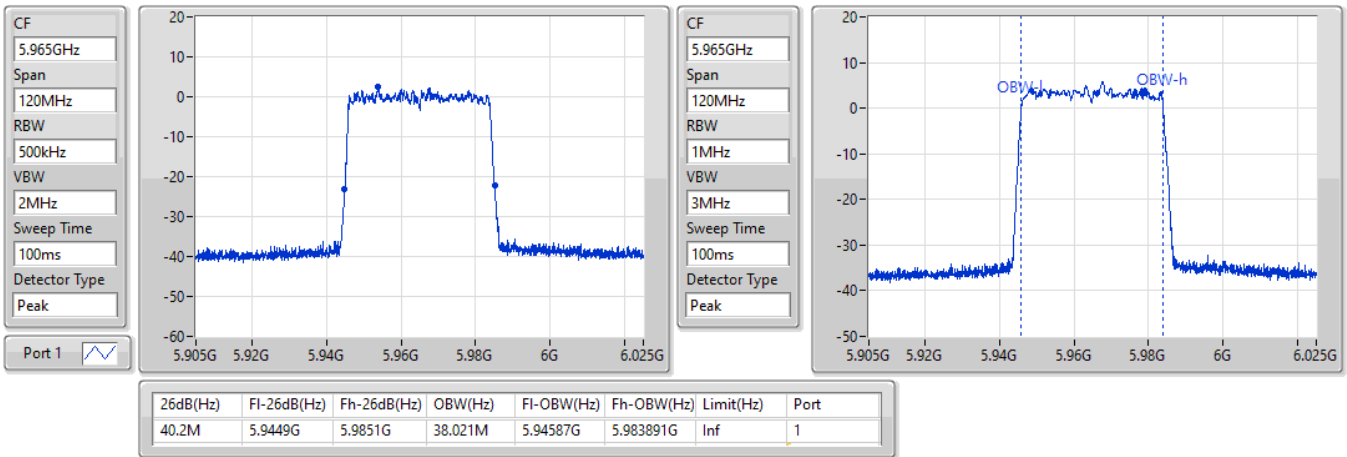

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EBW
7115MHz

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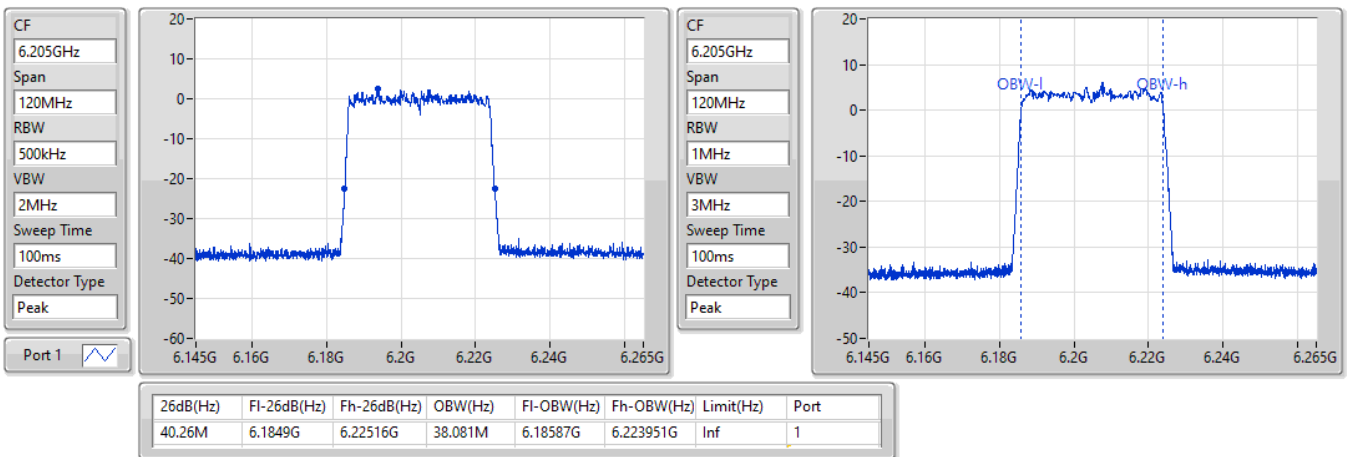


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5965MHz

13/06/2022

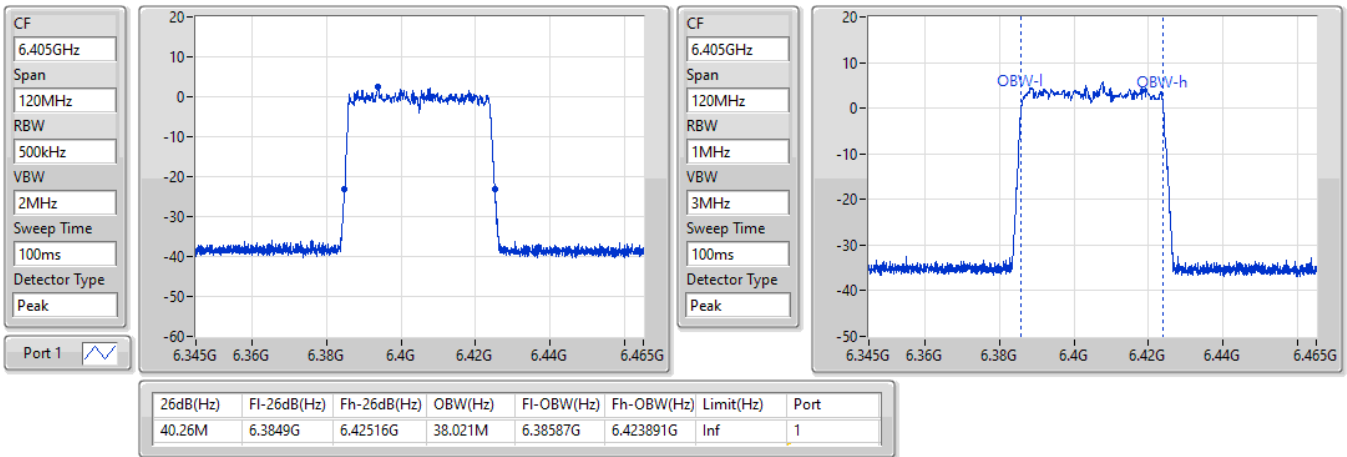

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6205MHz

13/06/2022

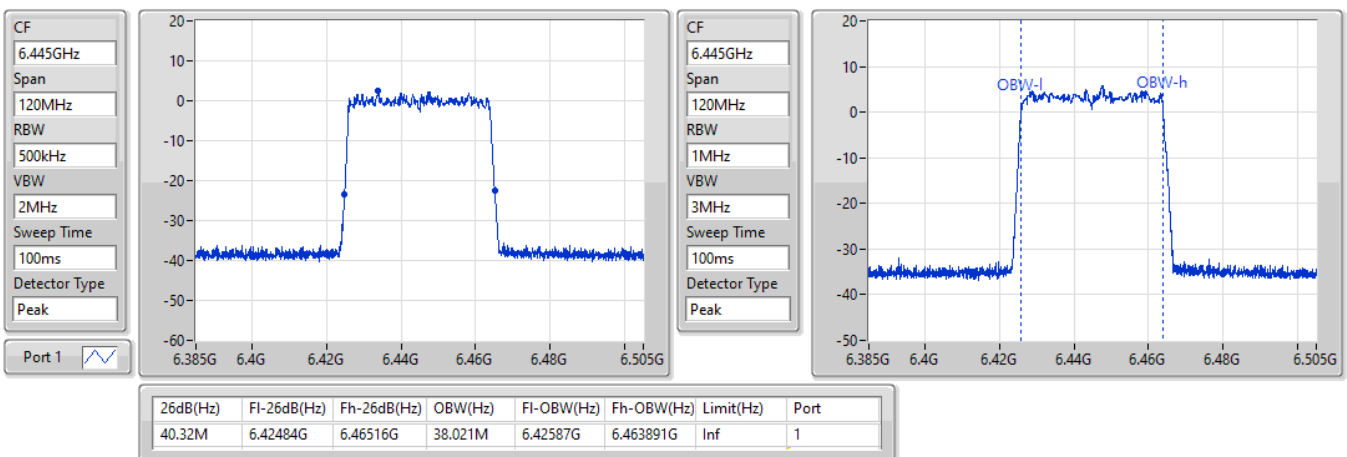


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6405MHz

13/06/2022

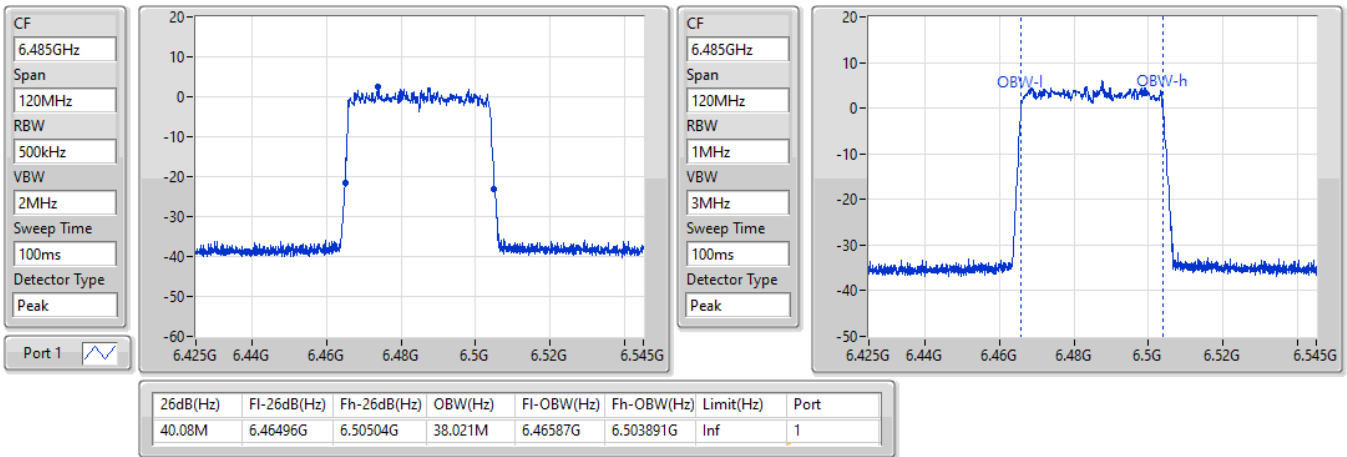

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6445MHz

13/06/2022

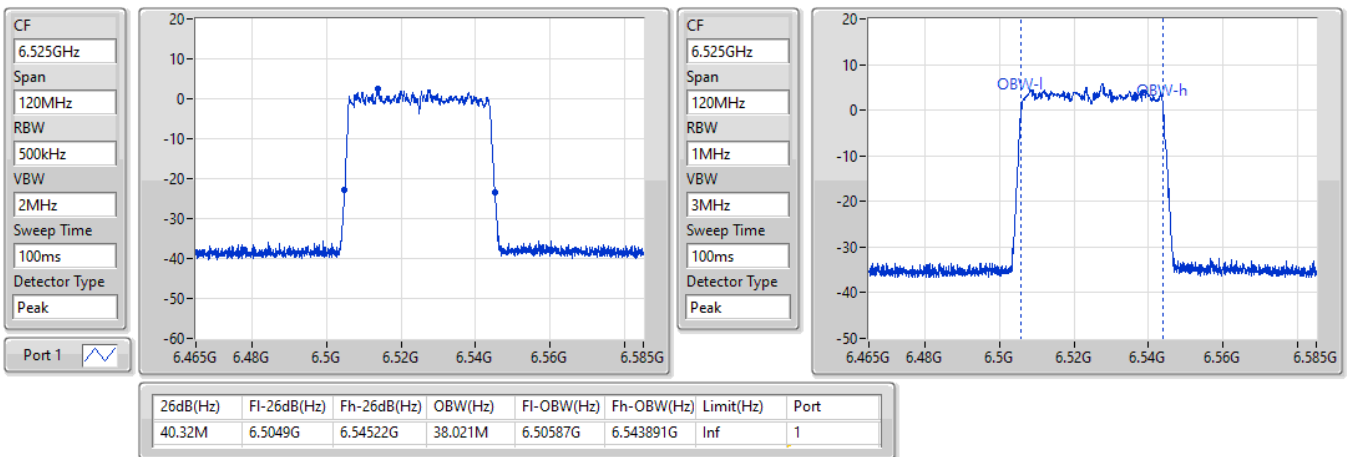


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6485MHz

13/06/2022

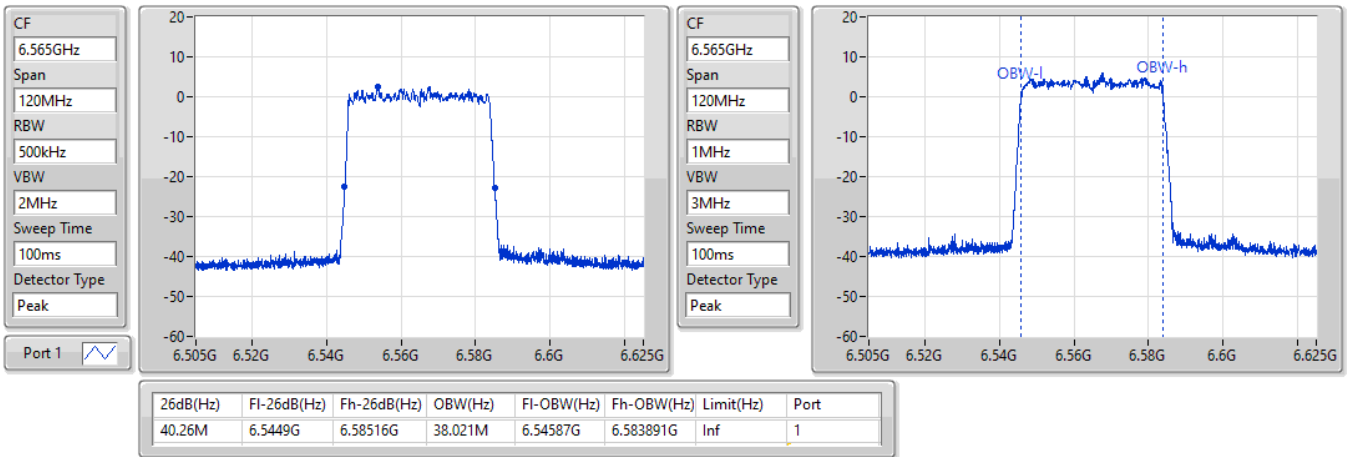

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6525MHz Straddle 6.425-6.525GHz

13/06/2022

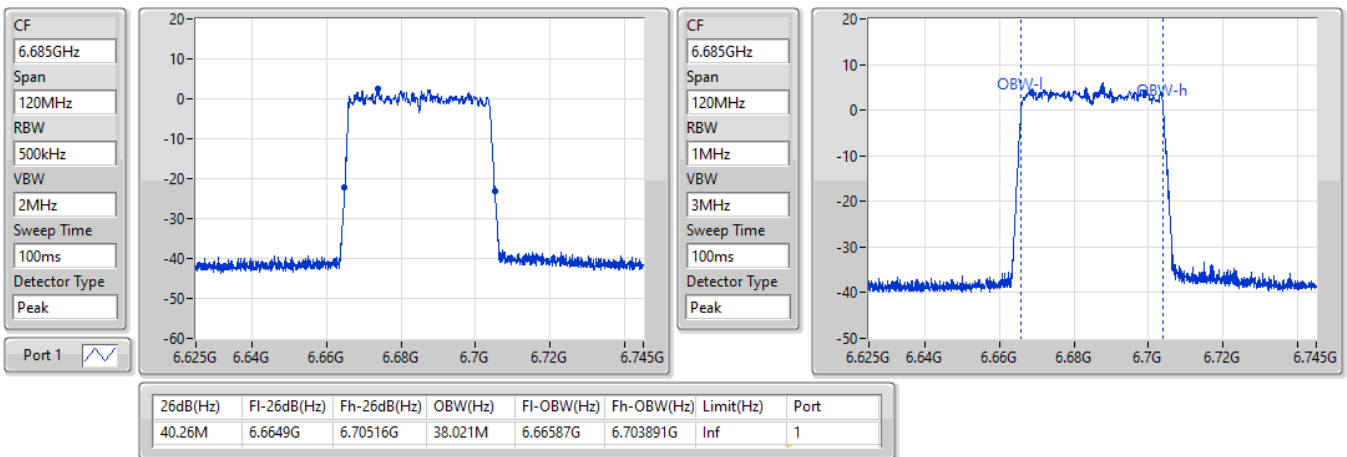


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6565MHz

13/06/2022

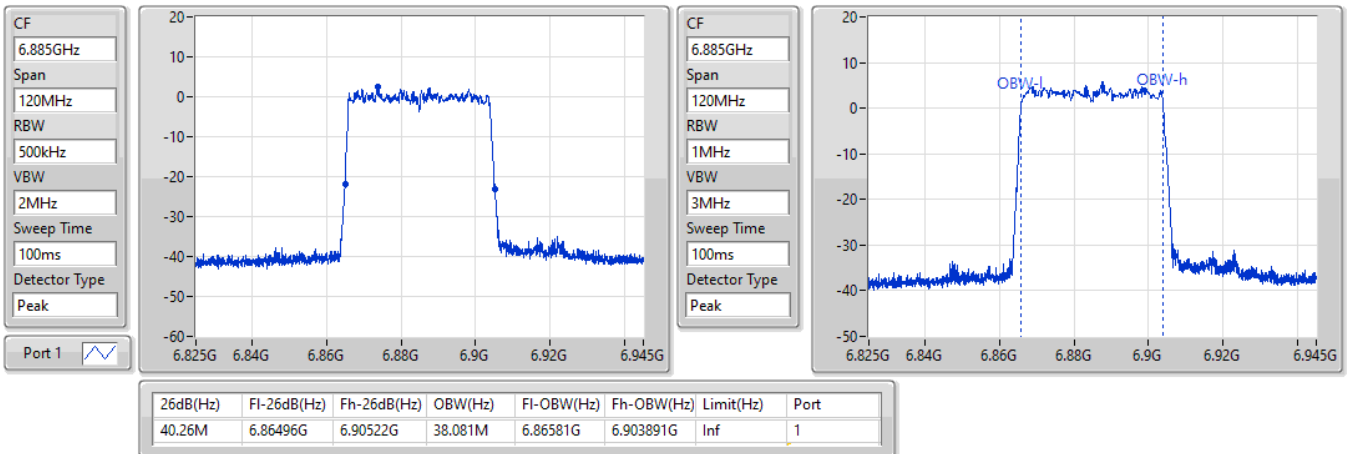

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

13/06/2022

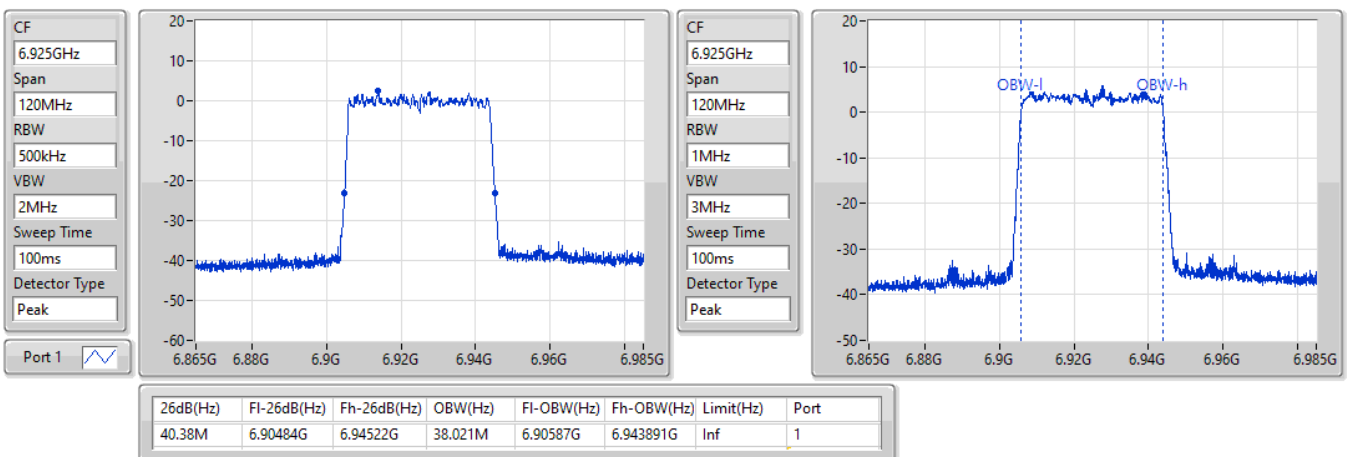


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6885MHz Straddle 6.525-6.875GHz

13/06/2022

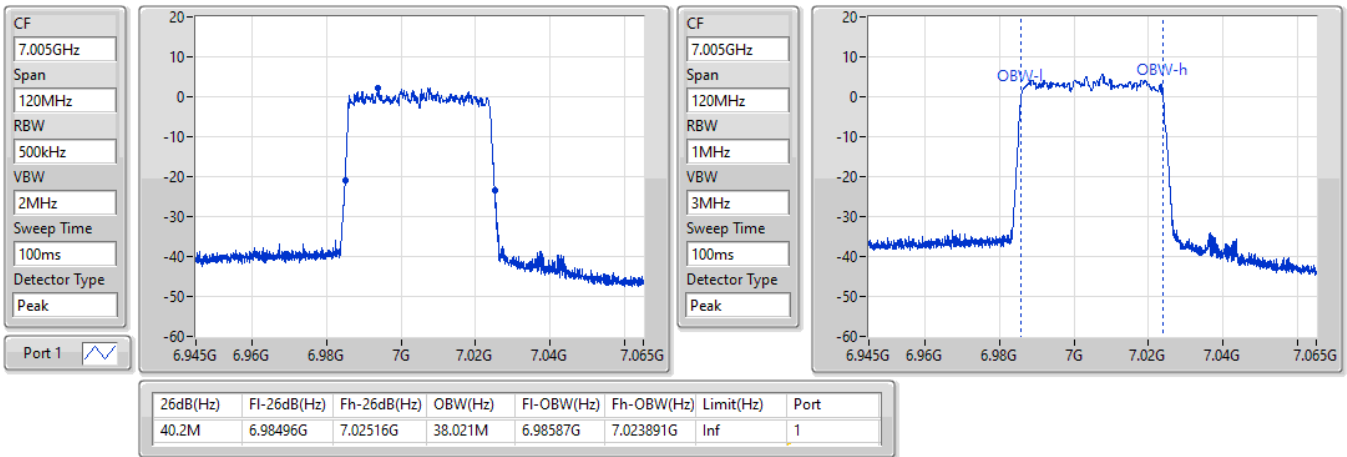

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6925MHz

13/06/2022

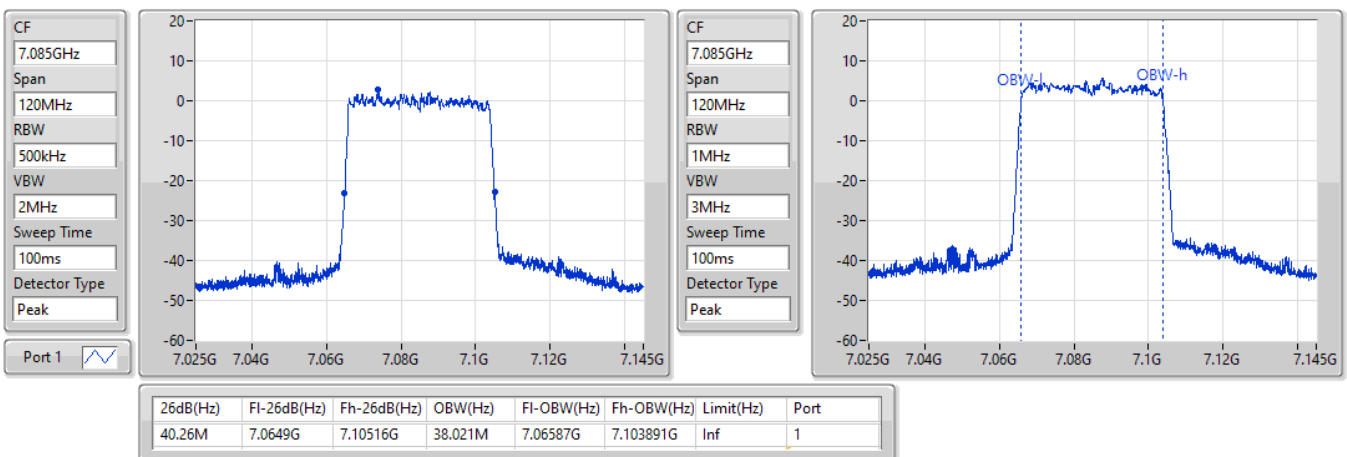


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7005MHz

13/06/2022

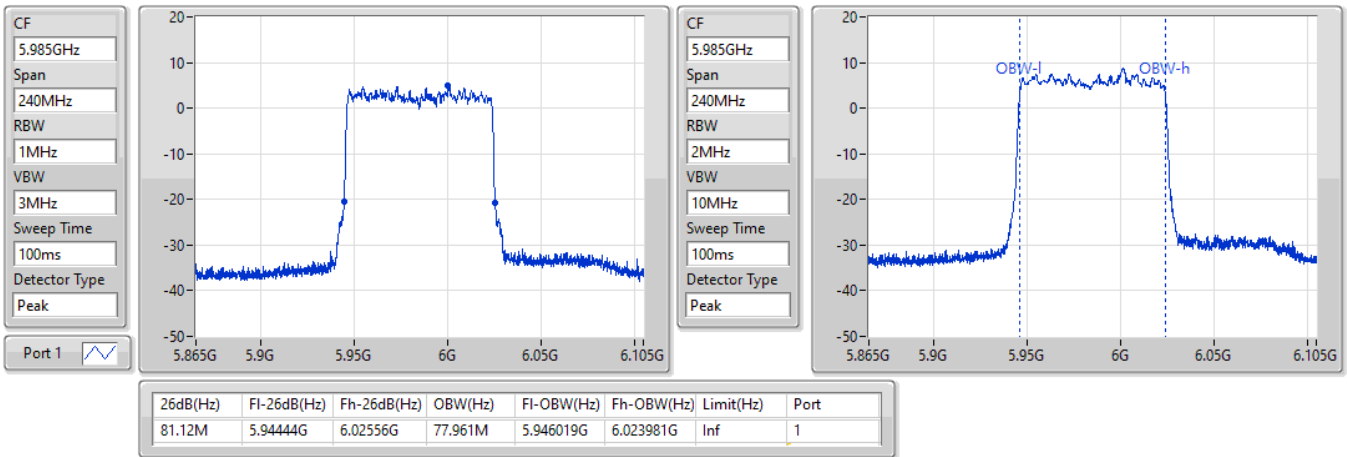

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7085MHz

13/06/2022

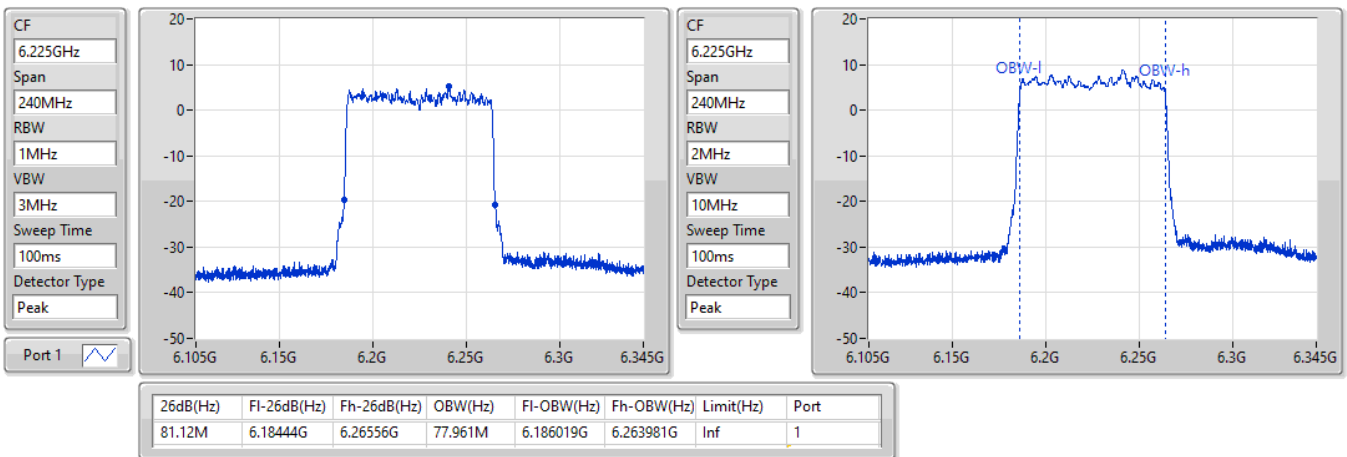


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5985MHz

13/06/2022

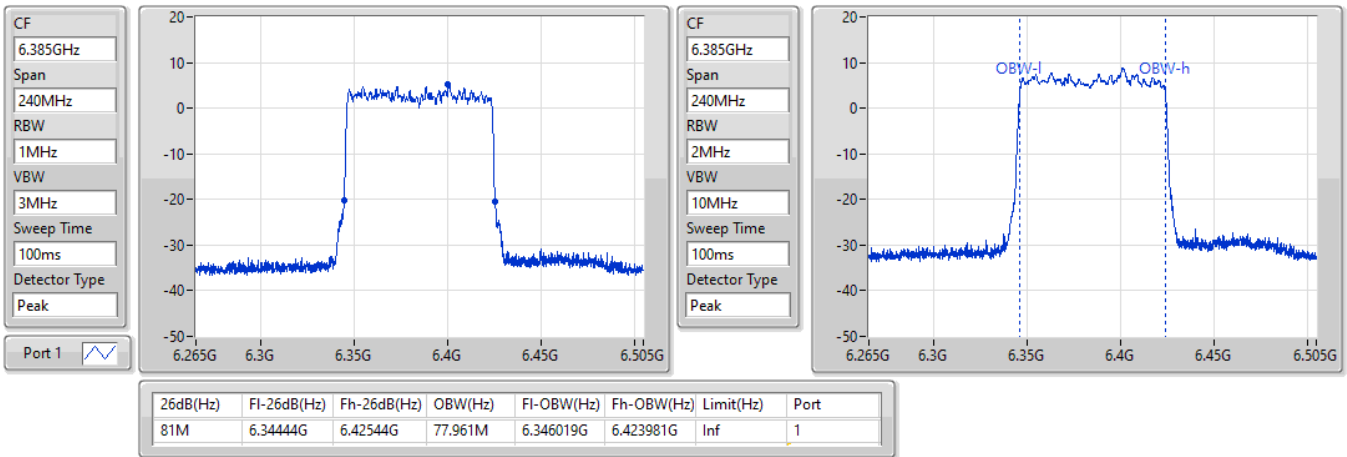

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6225MHz

13/06/2022

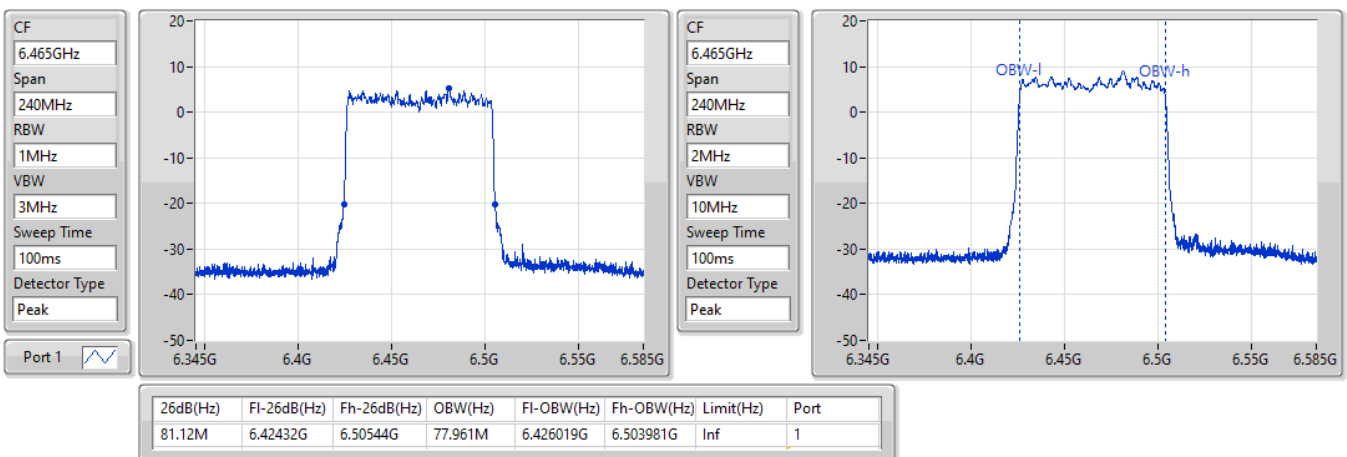


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6385MHz

13/06/2022

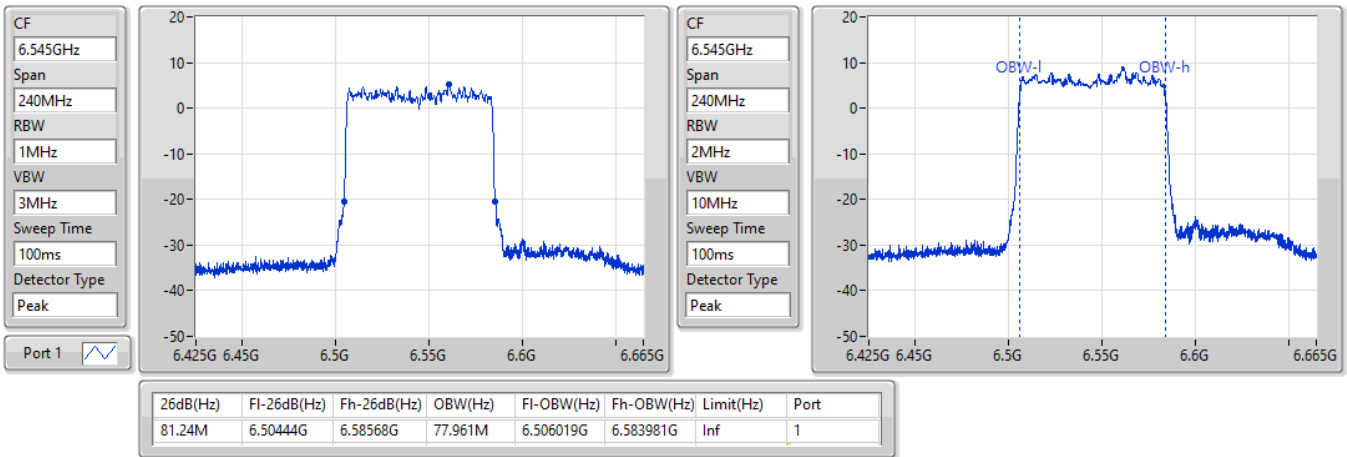

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6465MHz

13/06/2022

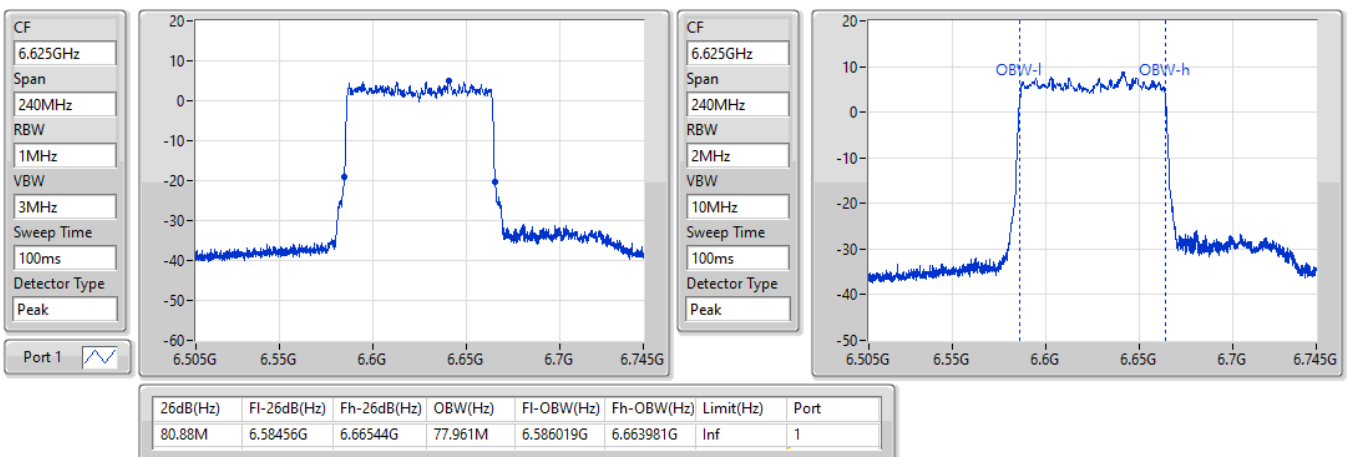


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6545MHz Straddle 6.425-6.525GHz

13/06/2022

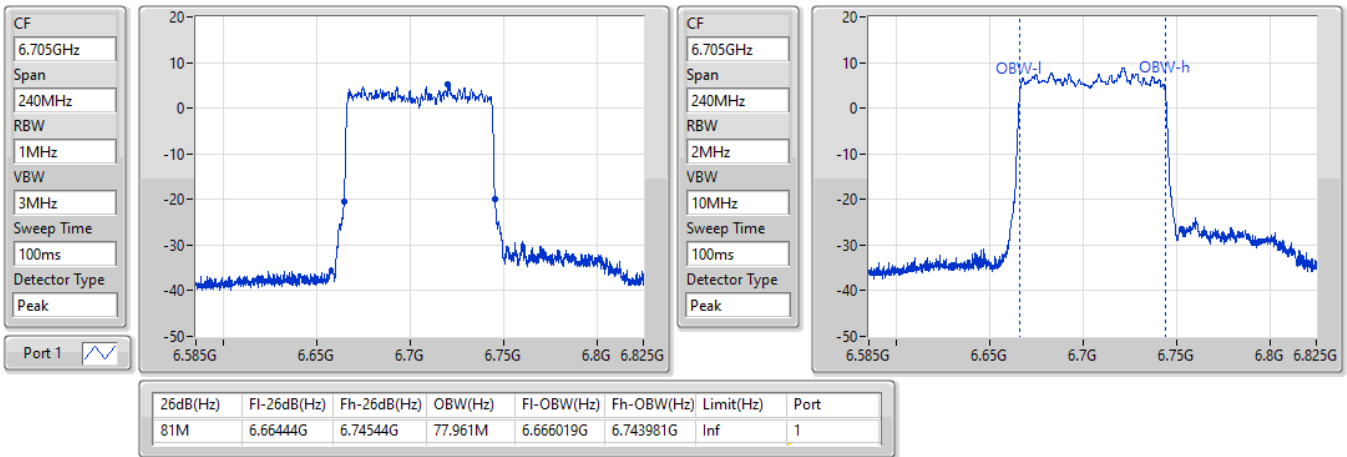

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6625MHz

13/06/2022

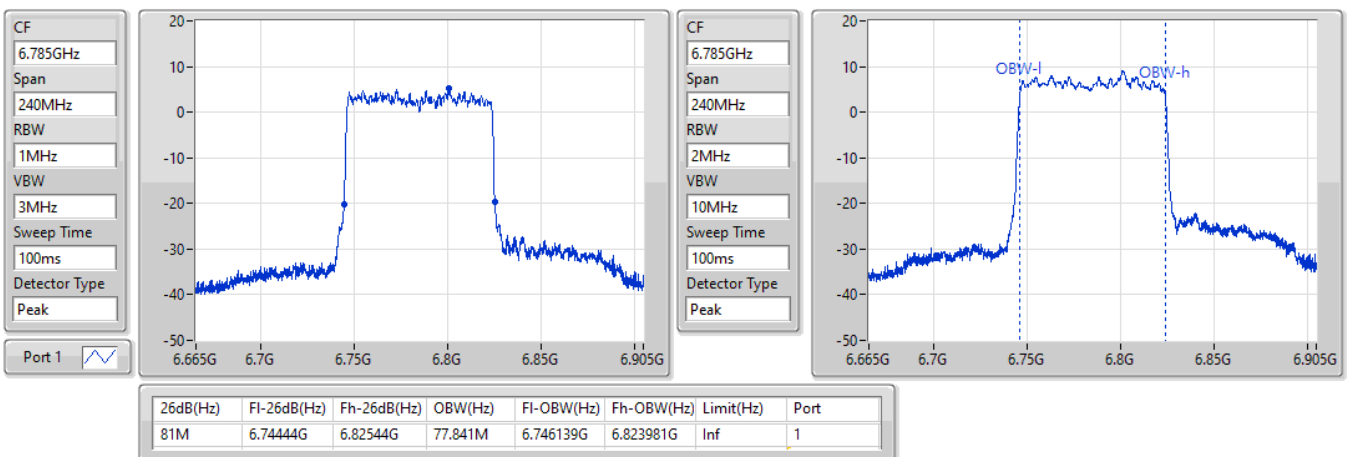


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6705MHz

13/06/2022

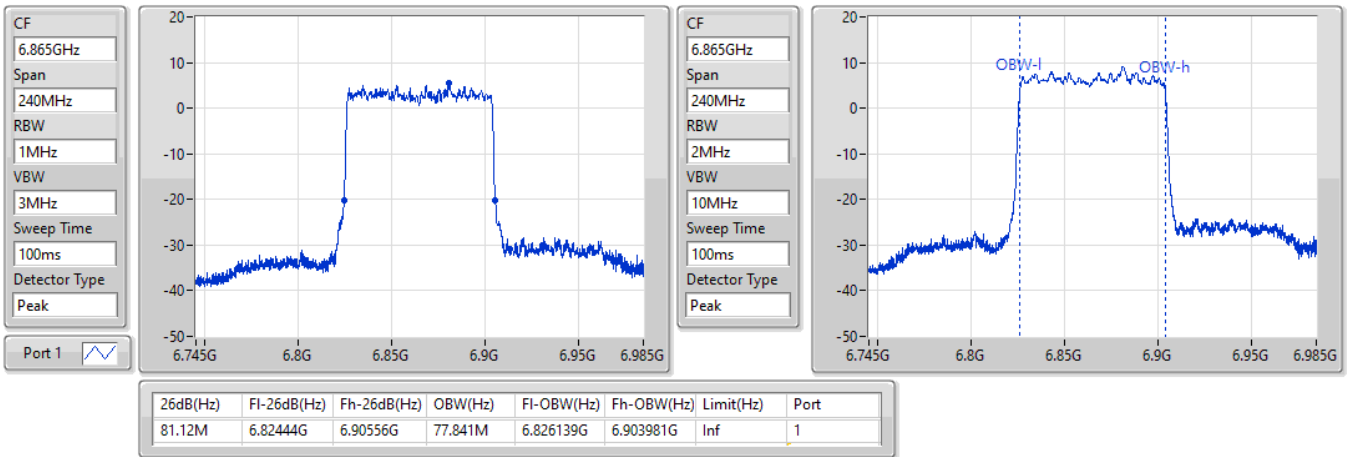

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6785MHz

13/06/2022

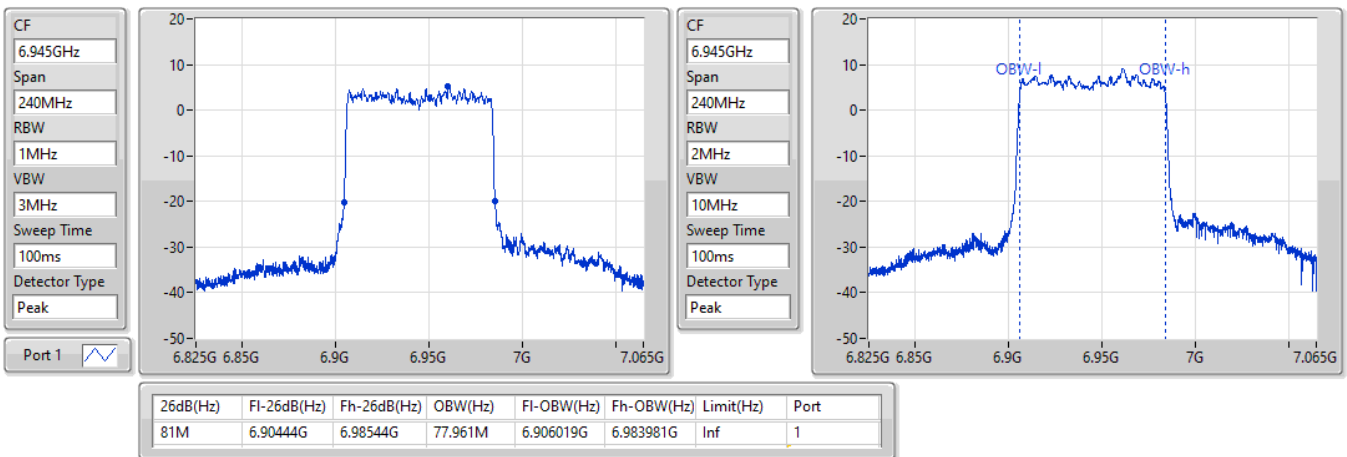


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6865MHz Straddle 6.525-6.875GHz

13/06/2022

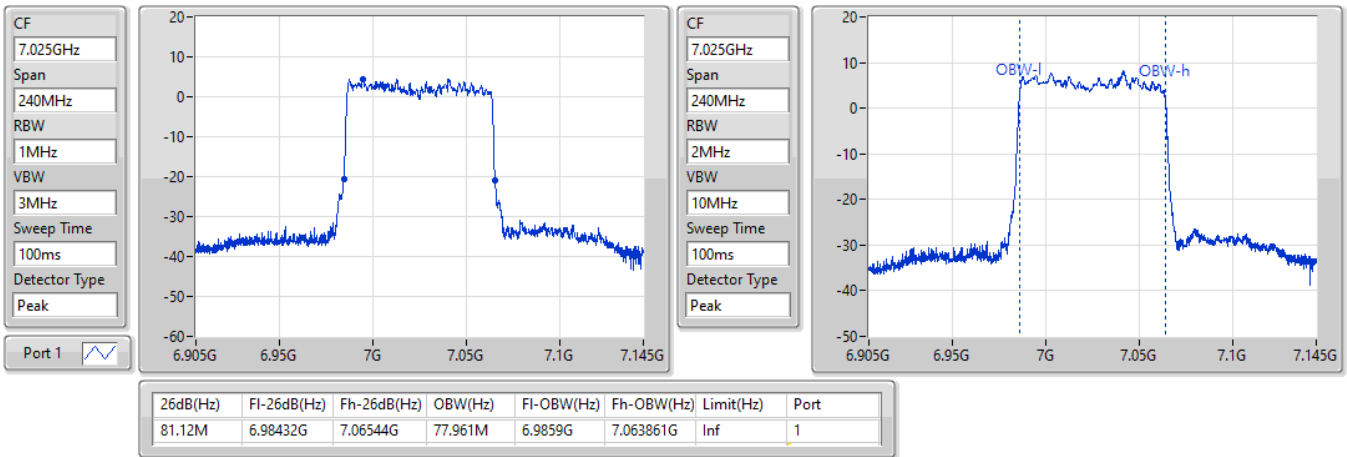

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6945MHz

13/06/2022

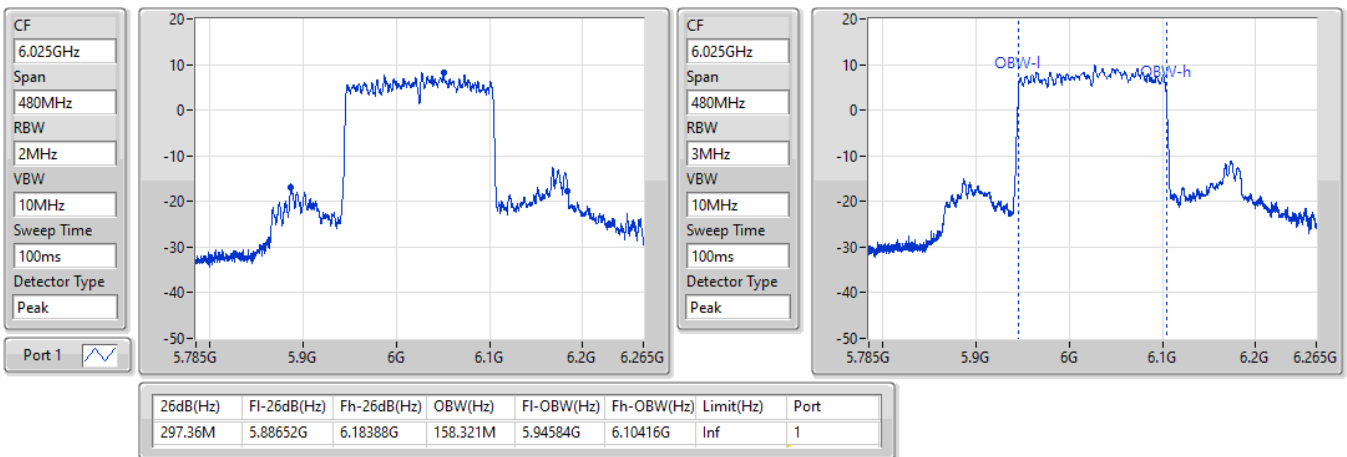


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
7025MHz

13/06/2022

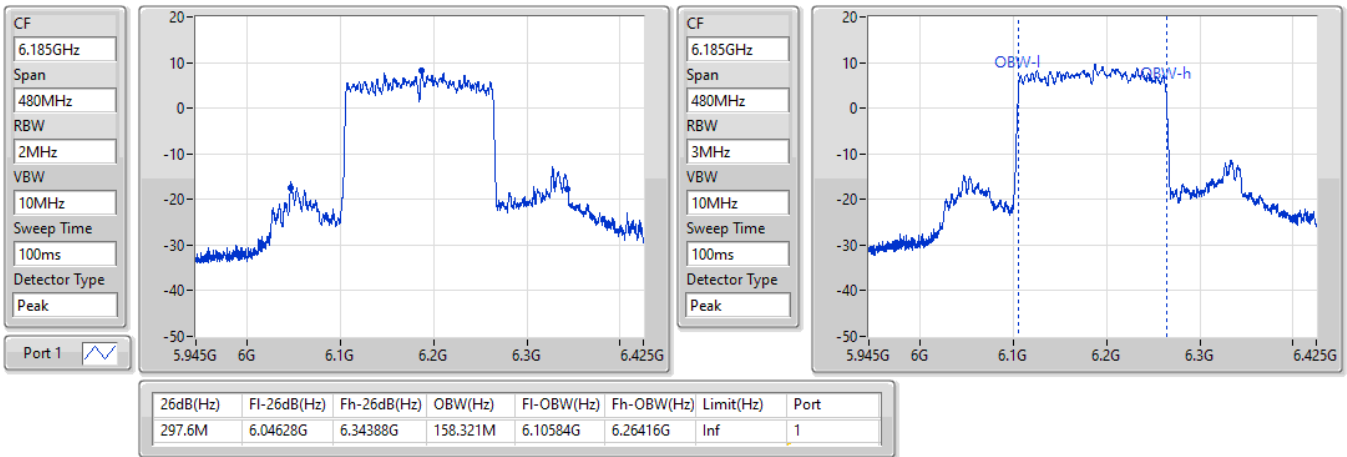

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6025MHz

13/06/2022

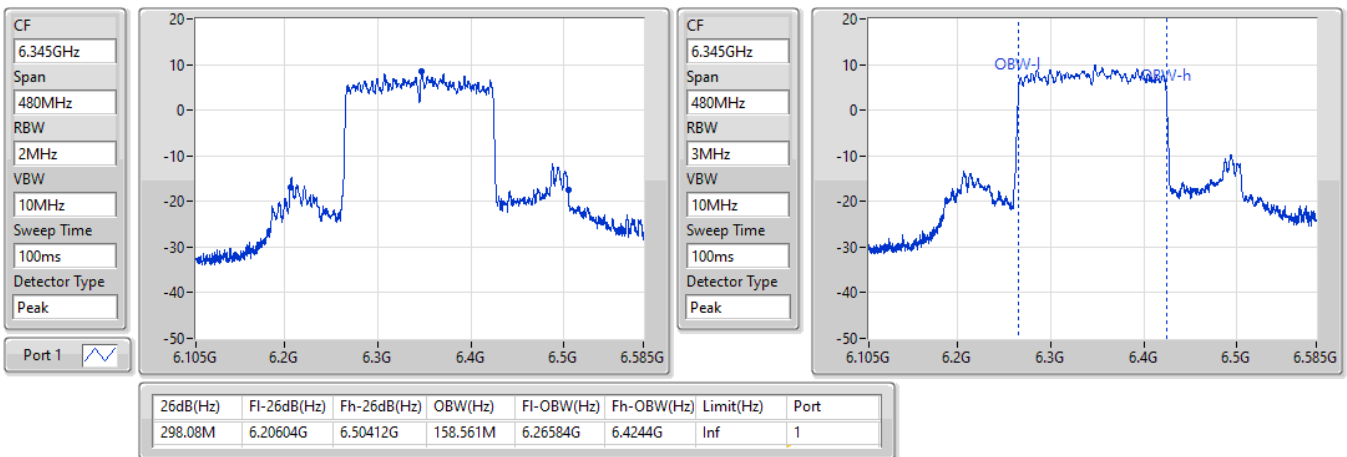


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6185MHz

13/06/2022

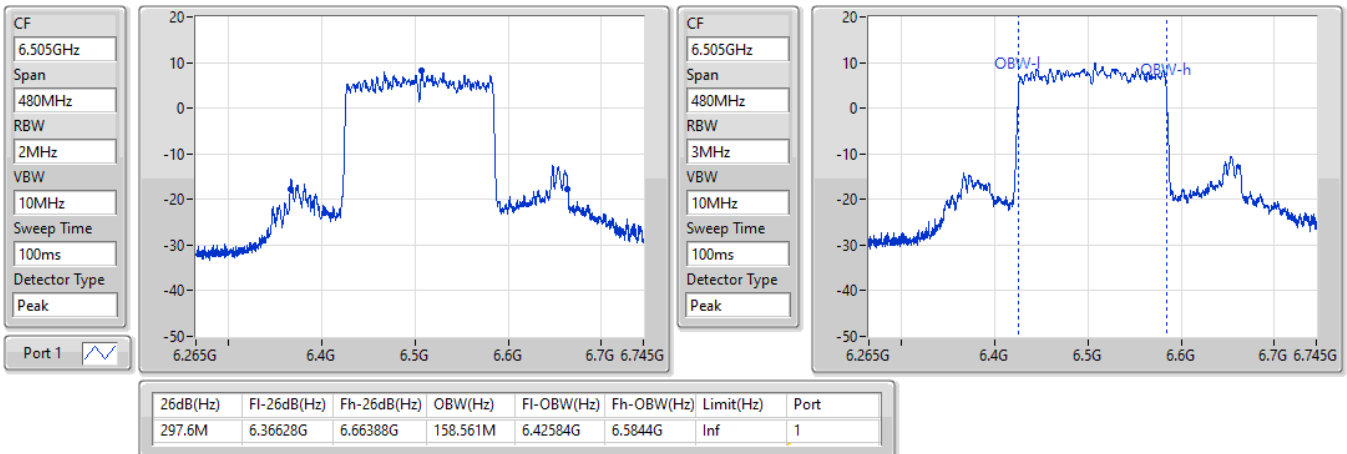

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6345MHz

13/06/2022

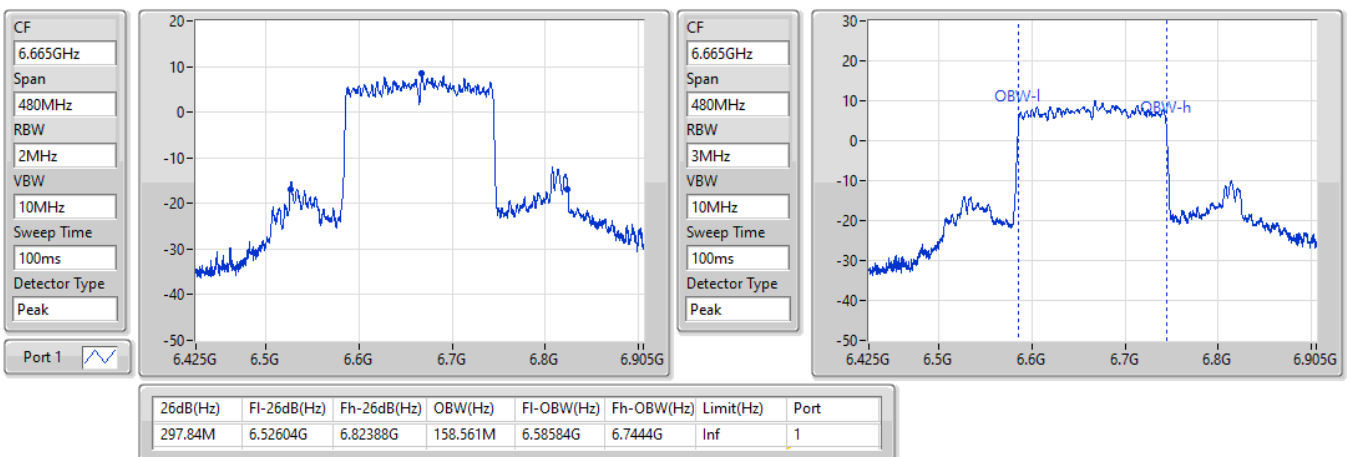


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6505MHz Straddle 6.425-6.525GHz

13/06/2022

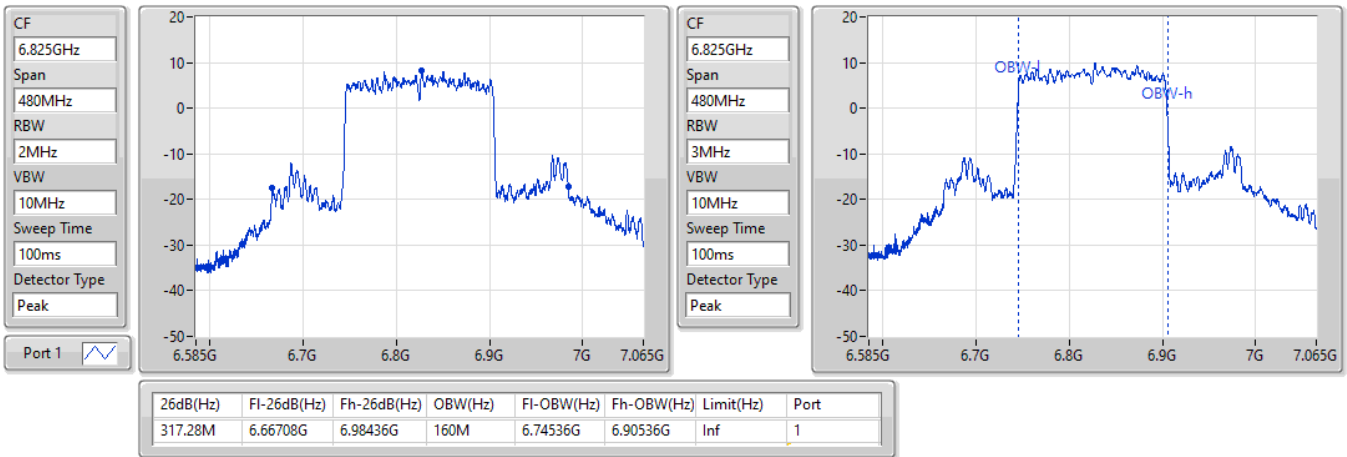

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6665MHz

13/06/2022

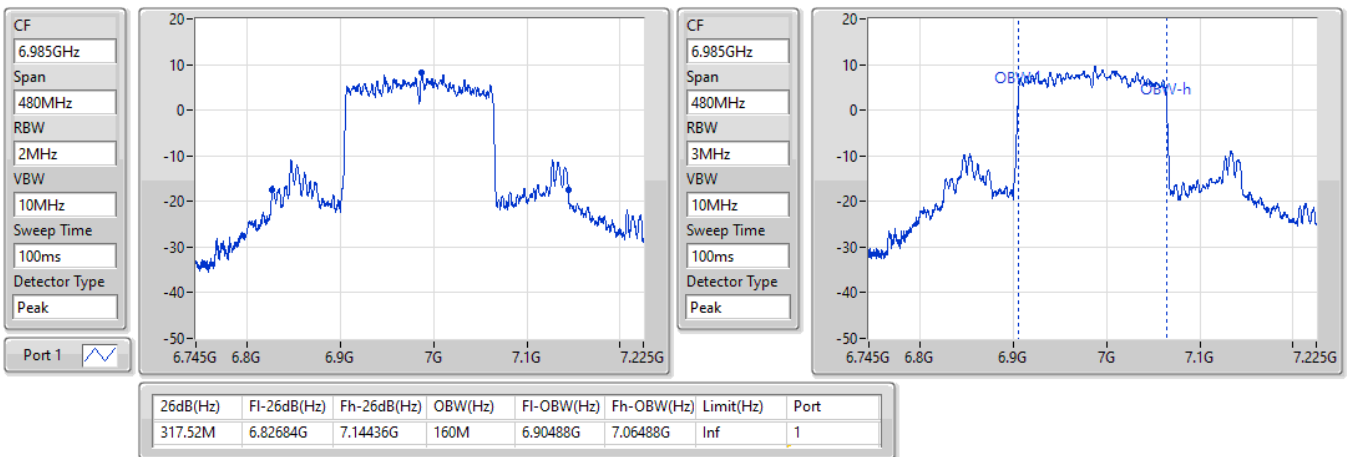


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6825MHz Straddle 6.525-6.875GHz

13/06/2022


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6985MHz

13/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.921M	18M9D1D	20.55M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	38.081M	38M1D1D	40.2M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	81M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	298.08M	158.561M	159MD1D	297.36M	158.321M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.61M	18.891M	18M9D1D	20.52M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.32M	38.021M	38MOD1D	40.08M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.24M	77.961M	78MOD1D	81.12M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	297.6M	158.561M	159MD1D	297.6M	158.561M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.891M	18M9D1D	20.58M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	38.081M	38M1D1D	40.26M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	80.88M	77.841M
802.11ax HEW160_Nss1,(MCS0)_1TX	317.28M	160M	160MD1D	297.84M	158.561M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.891M	18M9D1D	20.55M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.38M	38.021M	38MOD1D	40.2M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	81M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	317.52M	160M	160MD1D	317.52M	160M

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

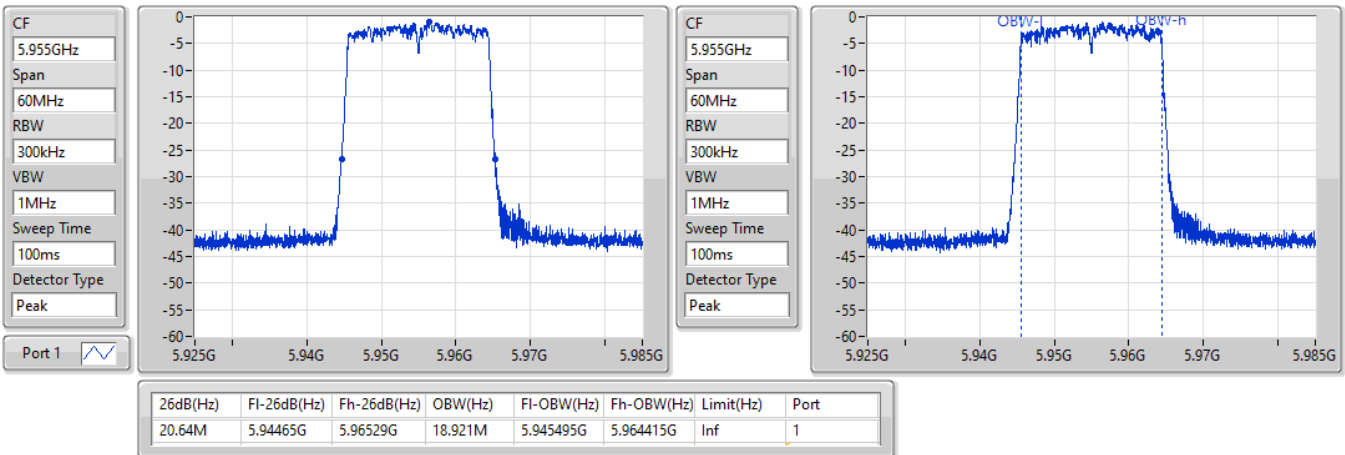
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.64M	18.921M
6195MHz	Pass	Inf	20.61M	18.891M
6415MHz	Pass	Inf	20.55M	18.891M
6435MHz	Pass	Inf	20.58M	18.891M
6475MHz	Pass	Inf	20.52M	18.891M
6515MHz	Pass	Inf	20.61M	18.891M
6535MHz	Pass	Inf	20.58M	18.861M
6695MHz	Pass	Inf	20.61M	18.891M
6855MHz	Pass	Inf	20.58M	18.891M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.64M	18.891M
6895MHz	Pass	Inf	20.61M	18.891M
6995MHz	Pass	Inf	20.64M	18.891M
7095MHz	Pass	Inf	20.55M	18.891M
7115MHz	Pass	Inf	20.55M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	40.2M	38.021M
6205MHz	Pass	Inf	40.26M	38.081M
6405MHz	Pass	Inf	40.26M	38.021M
6445MHz	Pass	Inf	40.32M	38.021M
6485MHz	Pass	Inf	40.08M	38.021M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.32M	38.021M
6565MHz	Pass	Inf	40.26M	38.021M
6685MHz	Pass	Inf	40.26M	38.021M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.26M	38.081M
6925MHz	Pass	Inf	40.38M	38.021M
7005MHz	Pass	Inf	40.2M	38.021M
7085MHz	Pass	Inf	40.26M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.12M	77.961M
6225MHz	Pass	Inf	81.12M	77.961M
6385MHz	Pass	Inf	81M	77.961M
6465MHz	Pass	Inf	81.12M	77.961M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.24M	77.961M
6625MHz	Pass	Inf	80.88M	77.961M
6705MHz	Pass	Inf	81M	77.961M
6785MHz	Pass	Inf	81M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.12M	77.841M
6945MHz	Pass	Inf	81M	77.961M
7025MHz	Pass	Inf	81.12M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	297.36M	158.321M
6185MHz	Pass	Inf	297.6M	158.321M
6345MHz	Pass	Inf	298.08M	158.561M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	297.6M	158.561M
6665MHz	Pass	Inf	297.84M	158.561M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	317.28M	160M
6985MHz	Pass	Inf	317.52M	160M

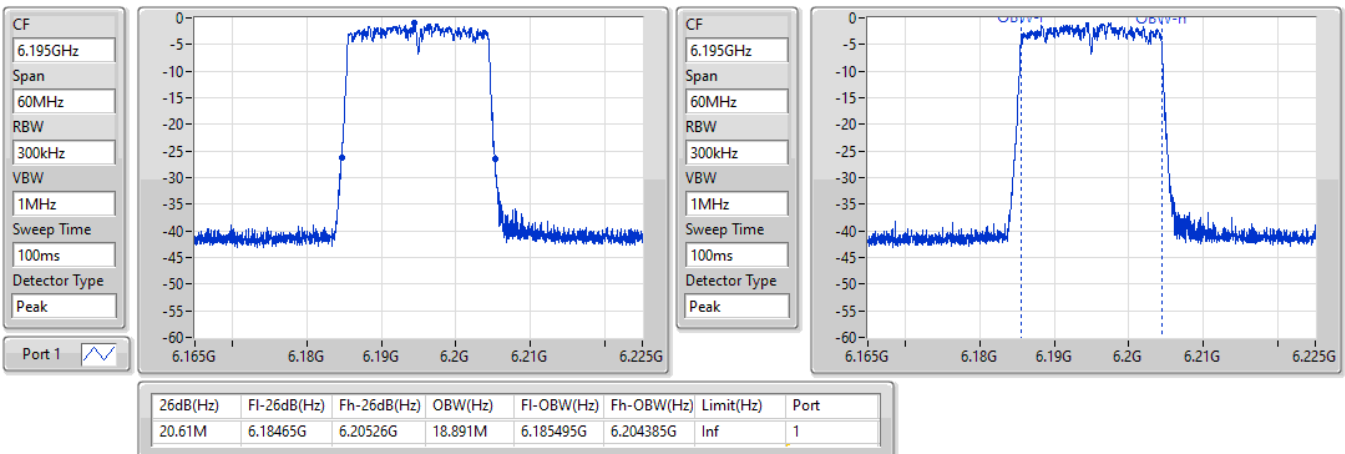
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5955MHz

13/06/2022

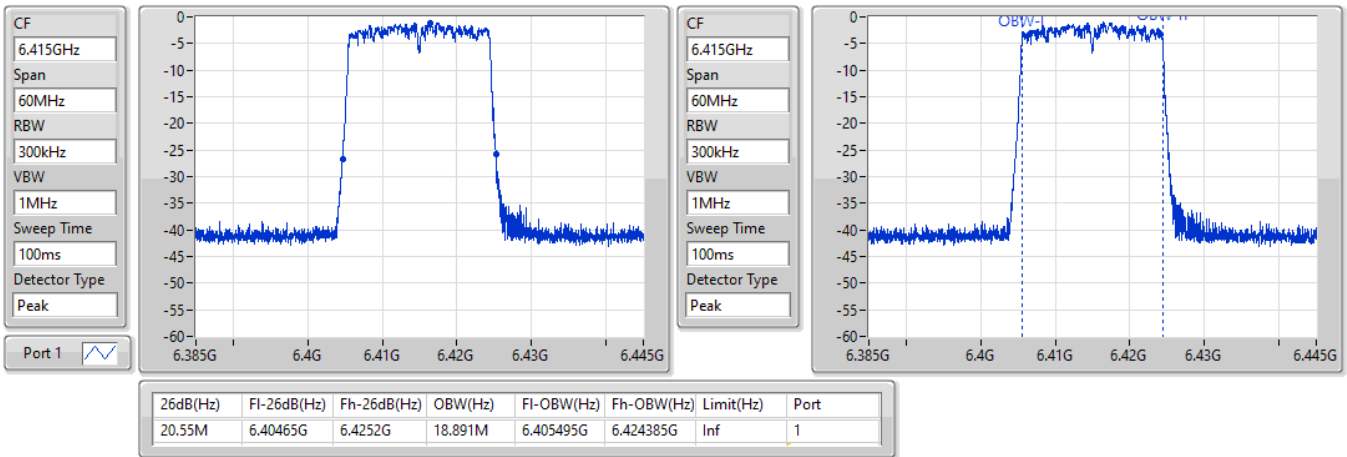

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

13/06/2022

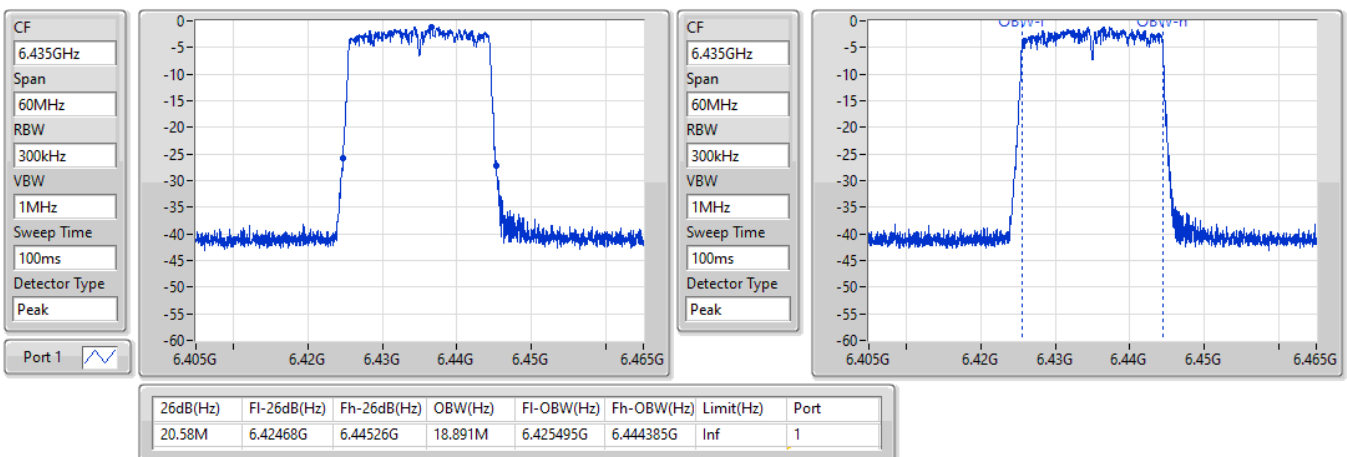


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6415MHz

13/06/2022

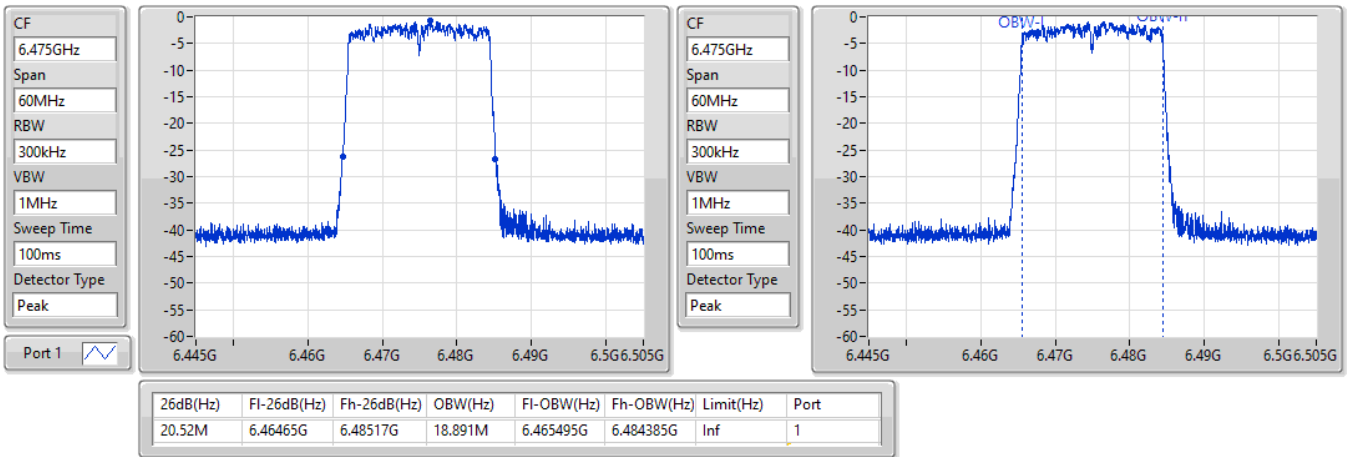

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6435MHz

13/06/2022

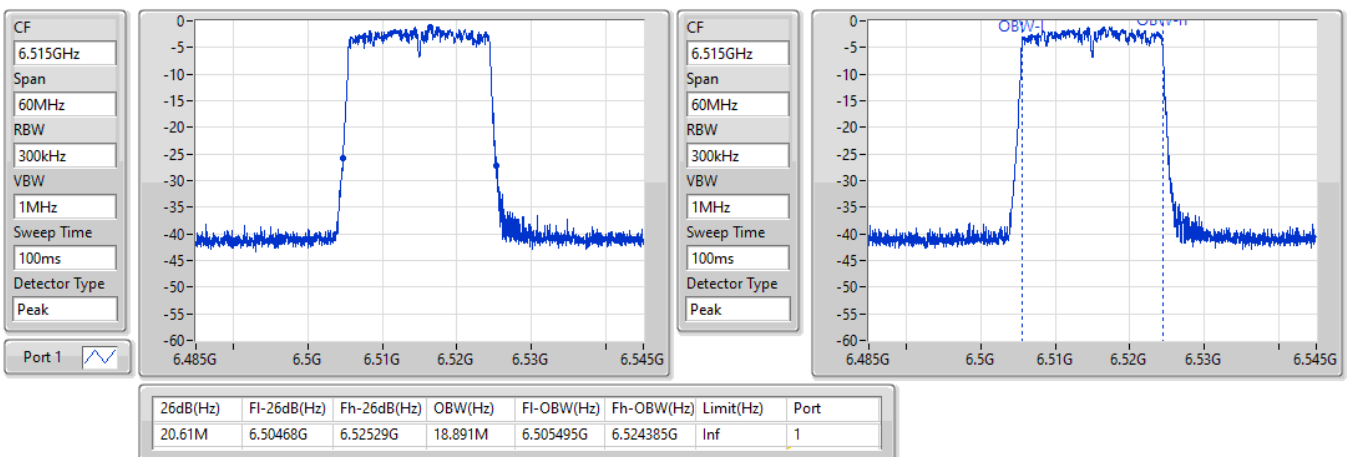


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6475MHz

13/06/2022

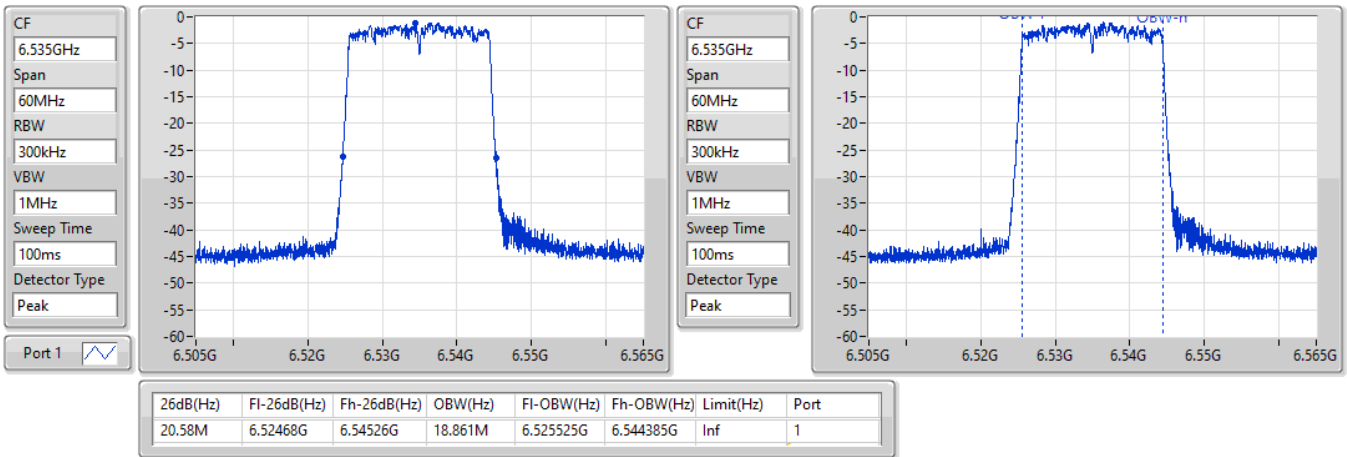

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6515MHz

13/06/2022

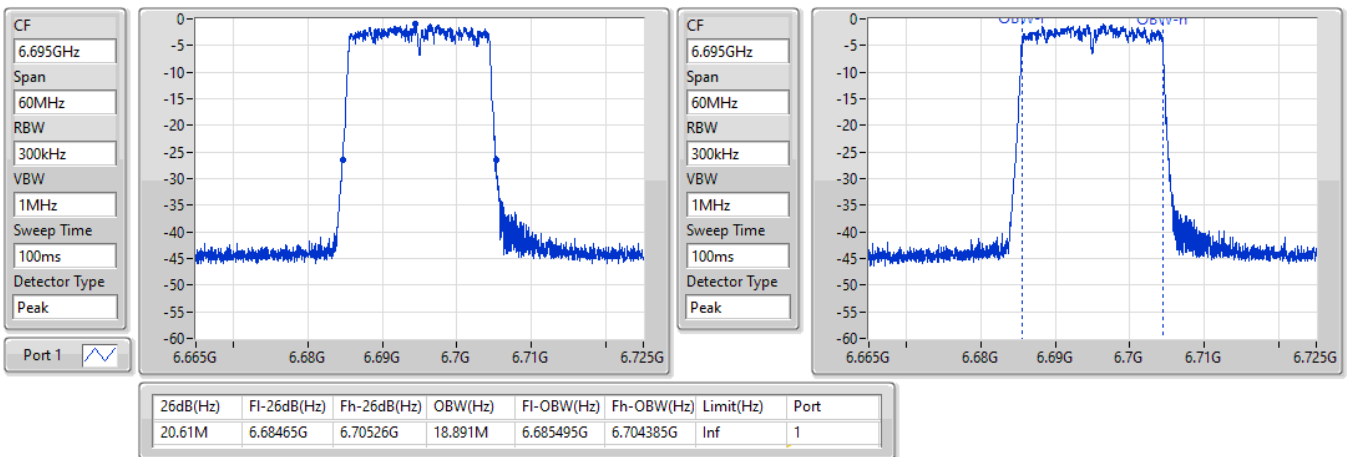


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

13/06/2022

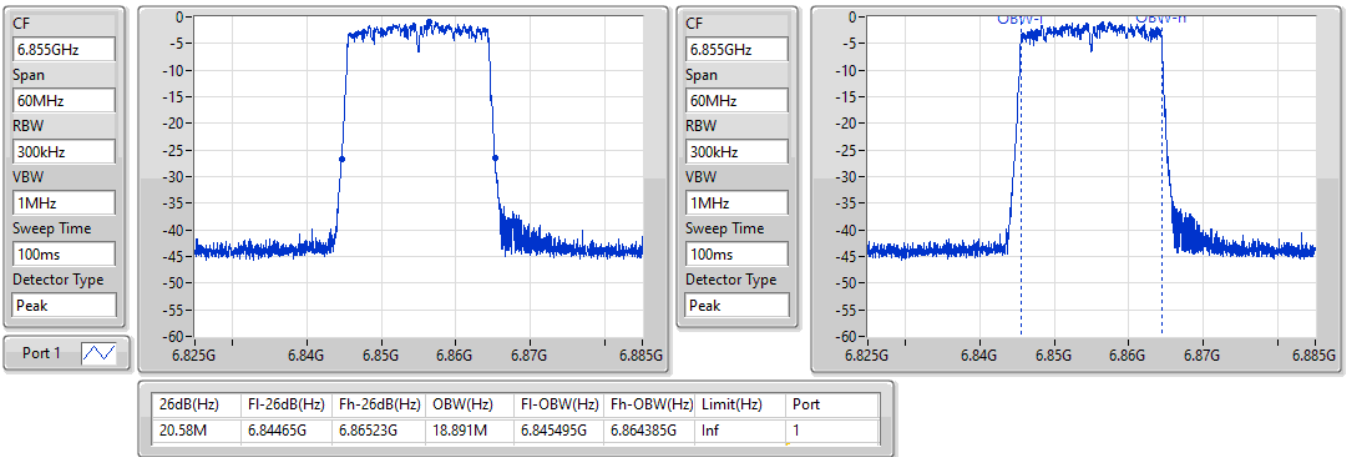

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6695MHz

13/06/2022

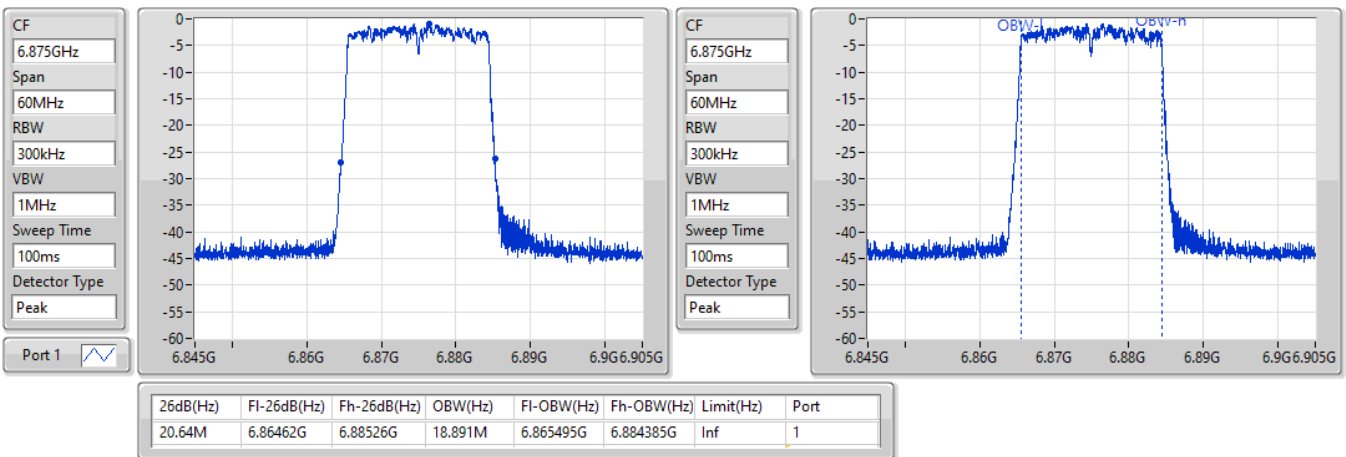


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6855MHz

13/06/2022

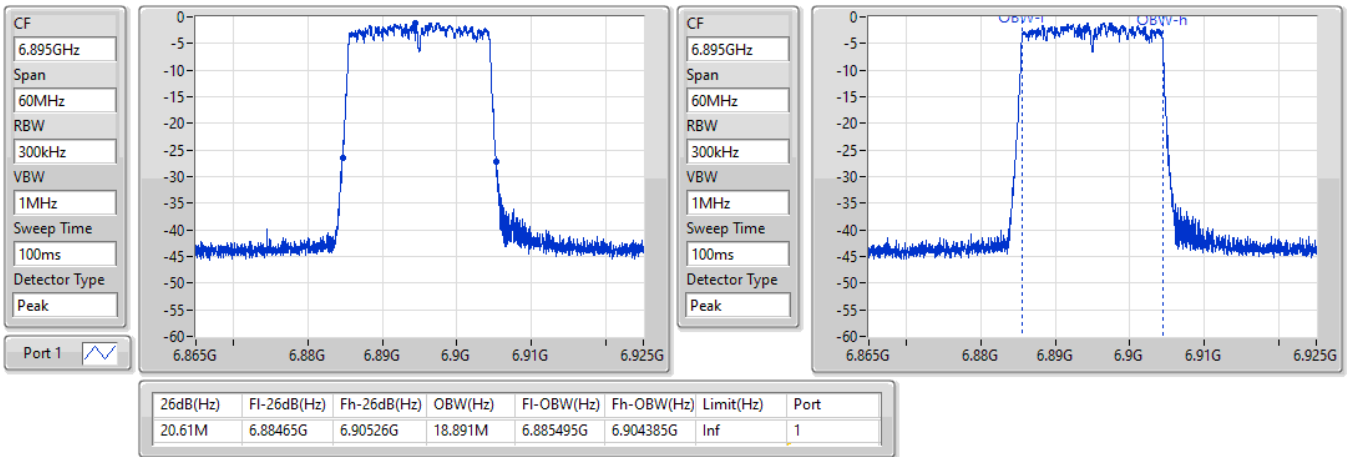

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6875MHz Straddle 6.525-6.875GHz

13/06/2022

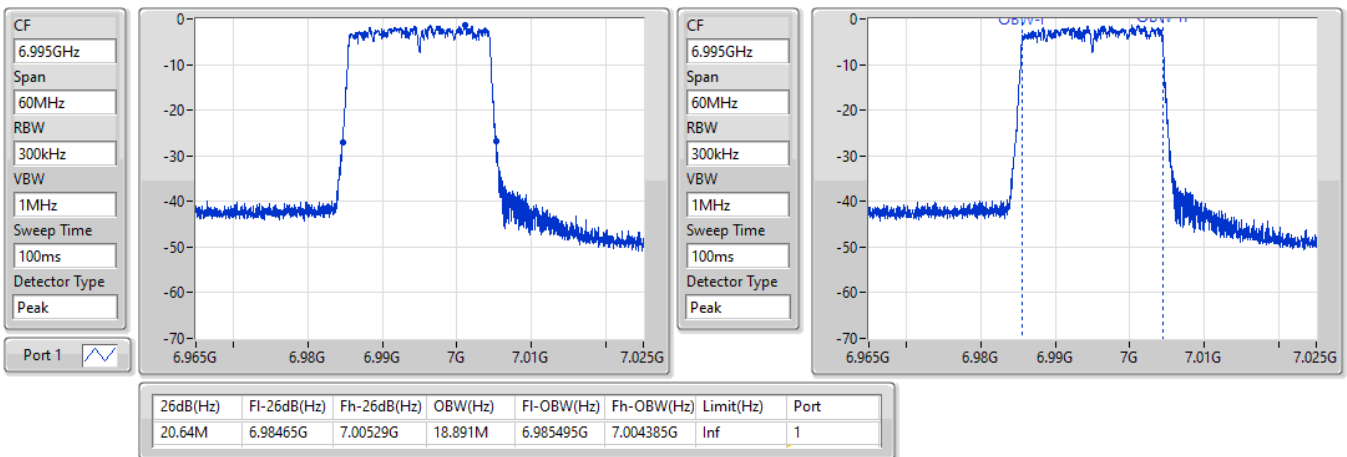


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6895MHz

13/06/2022

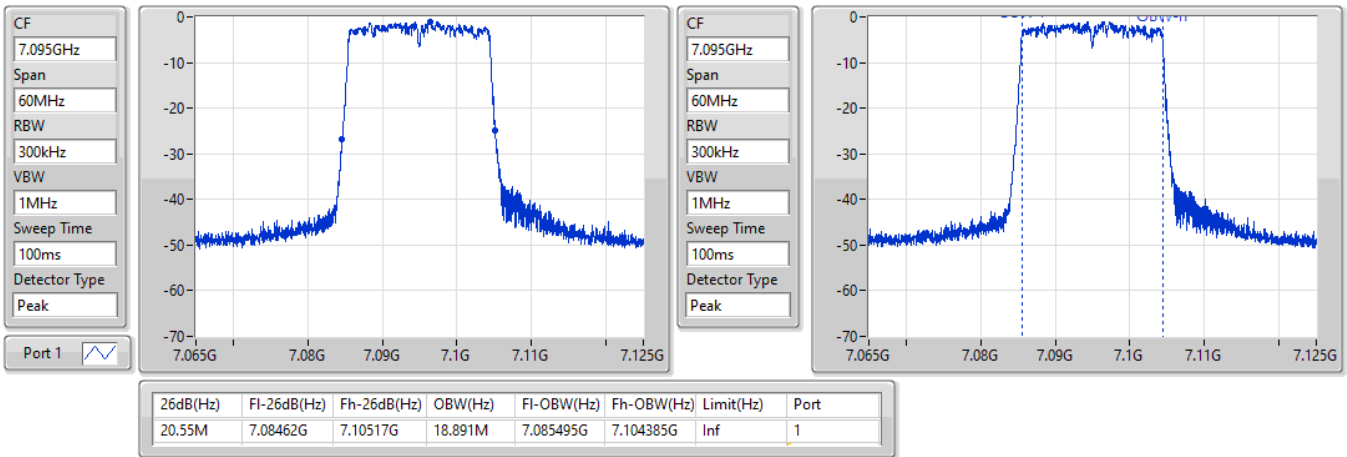

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6995MHz

13/06/2022

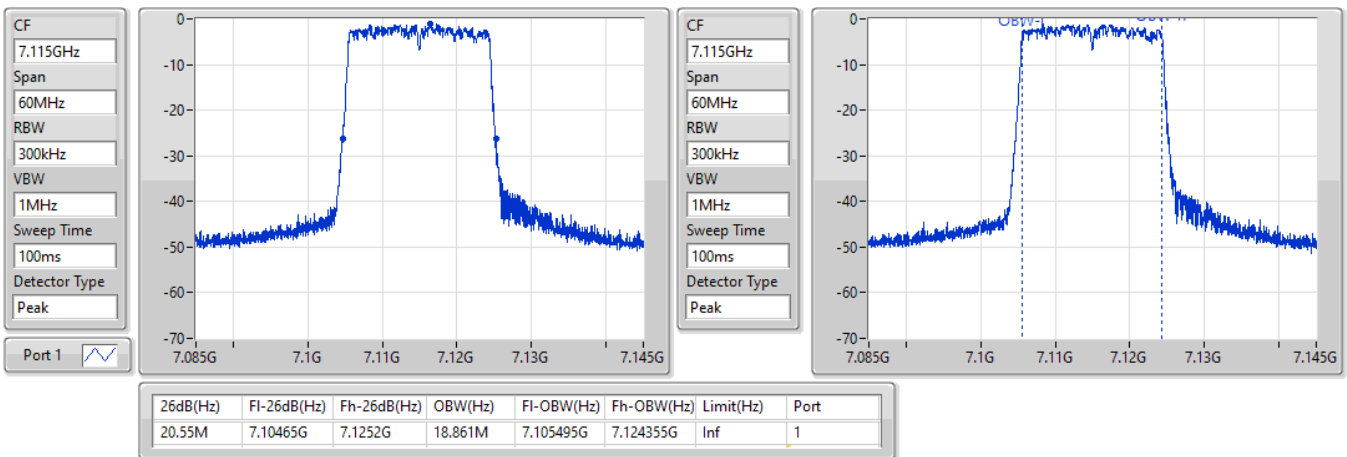


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7095MHz

13/06/2022

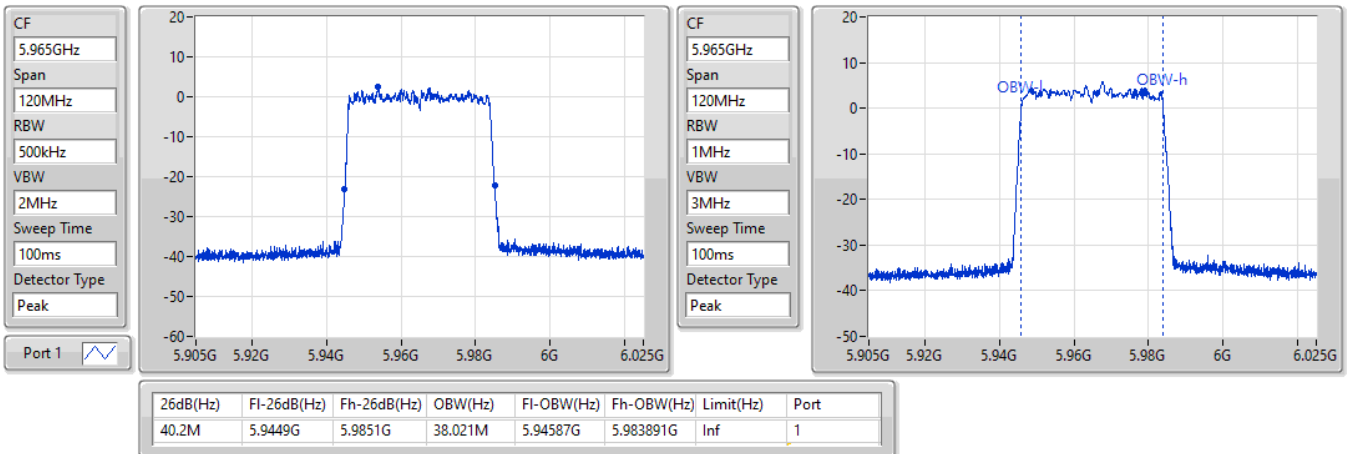

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7115MHz

13/06/2022

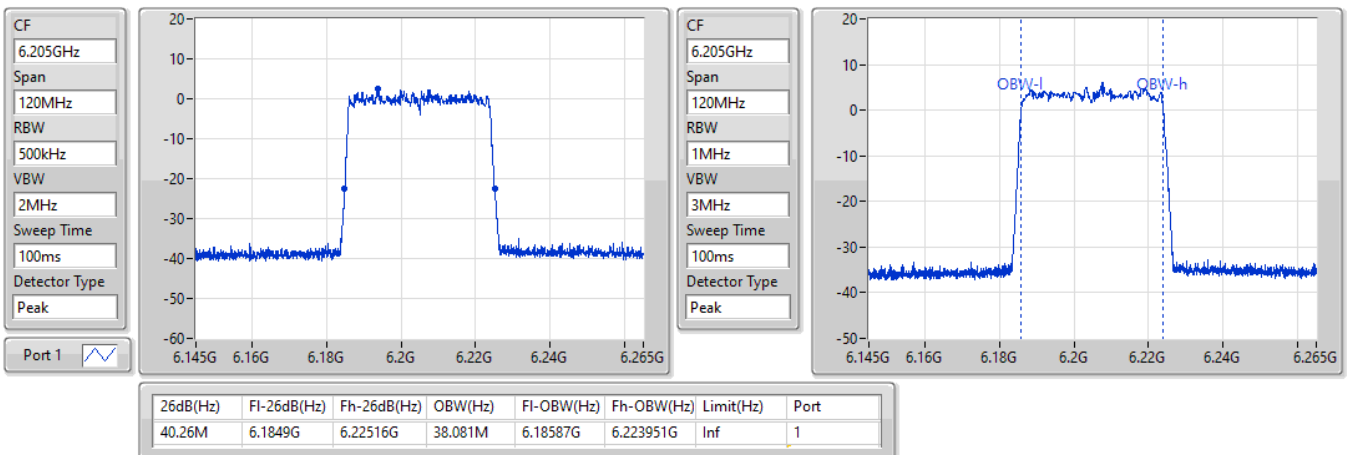


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5965MHz

13/06/2022

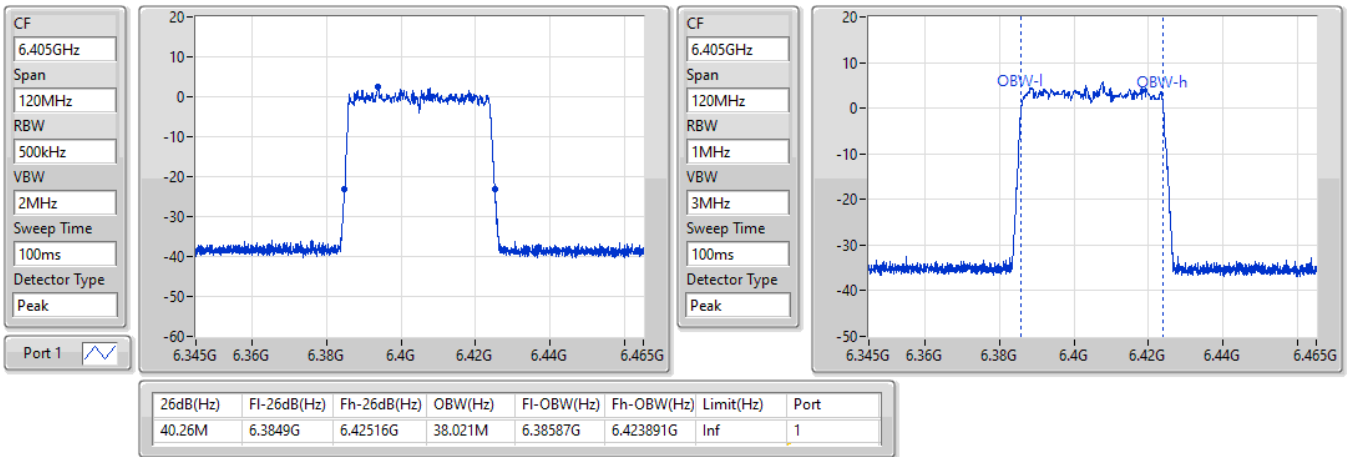

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6205MHz

13/06/2022

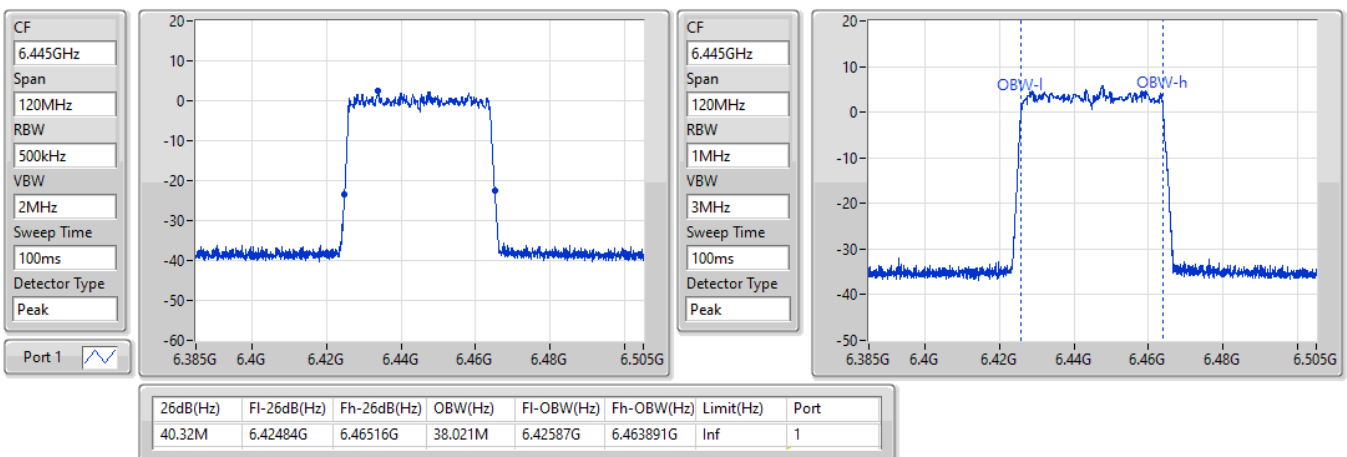


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6405MHz

13/06/2022


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6445MHz

13/06/2022

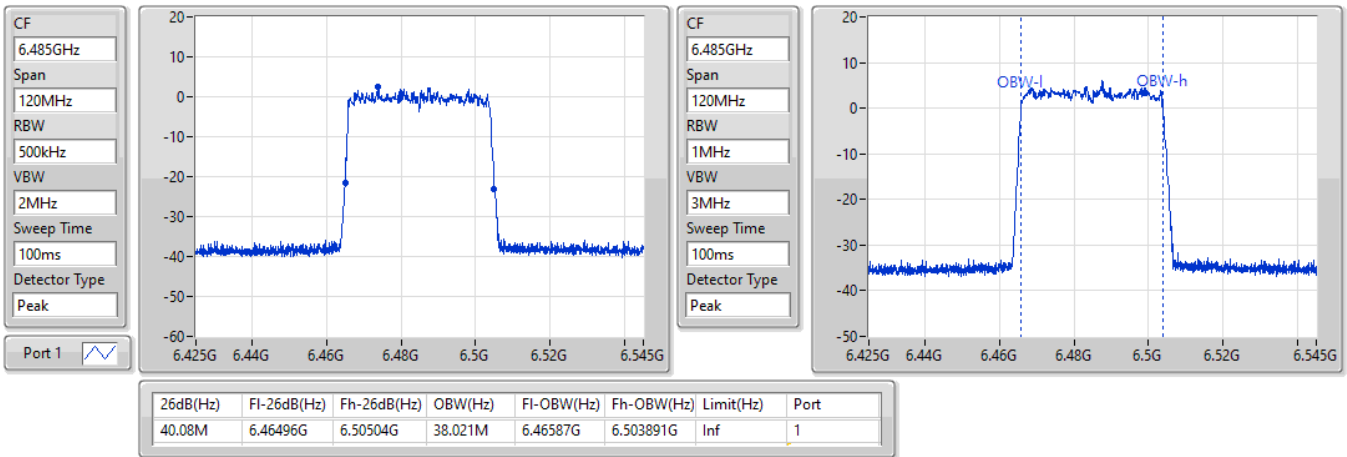


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6485MHz

13/06/2022

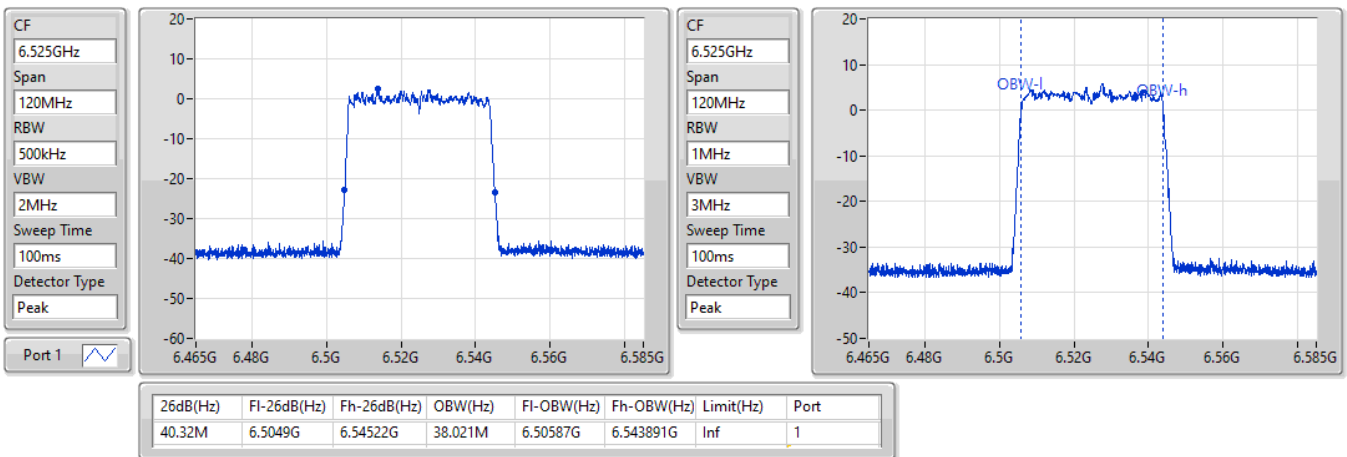


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

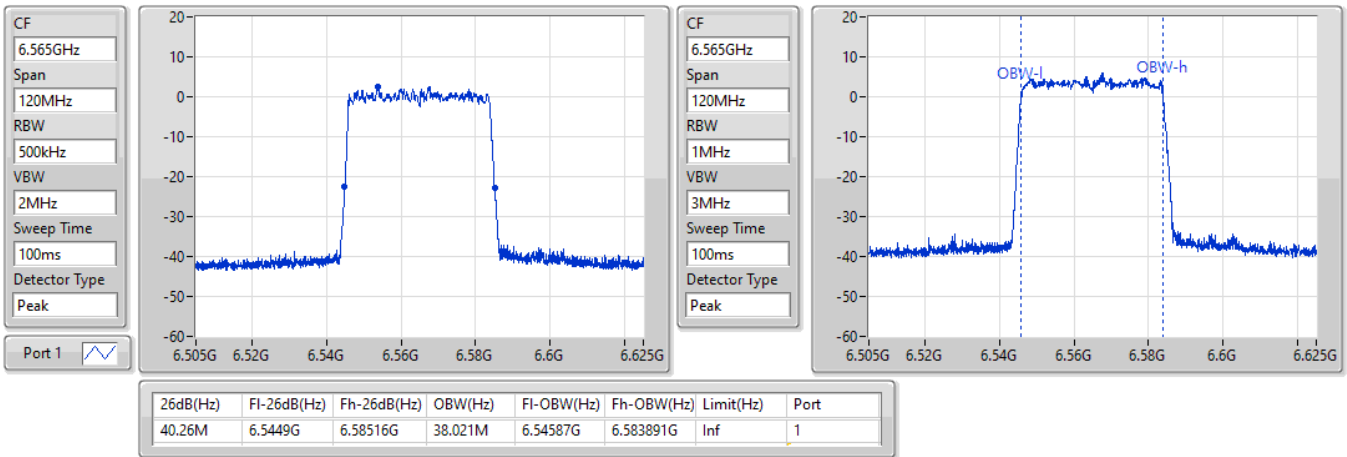
6525MHz Straddle 6.425-6.525GHz

13/06/2022

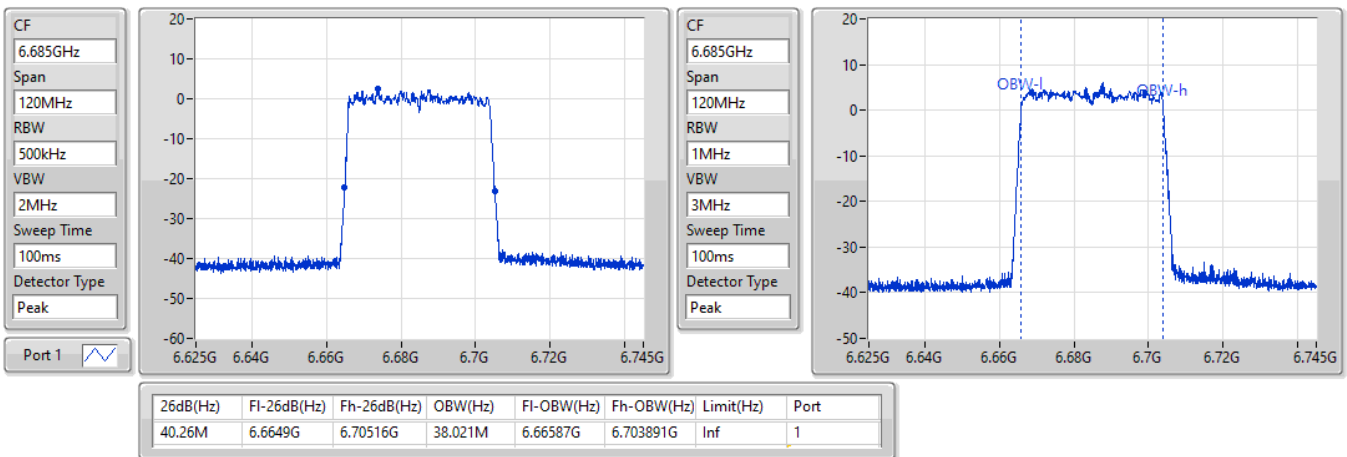


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6565MHz

13/06/2022

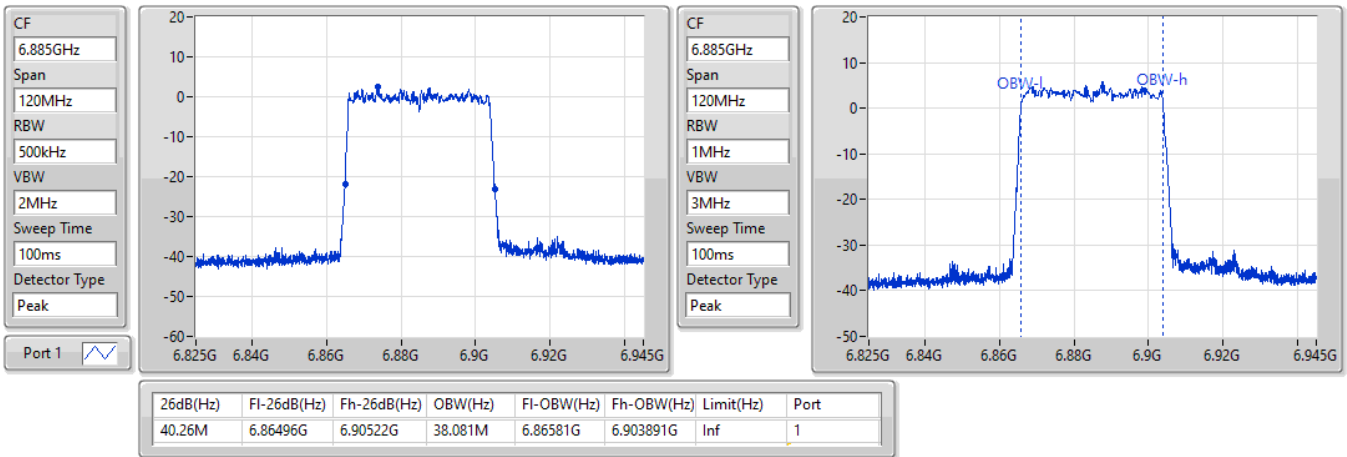

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

13/06/2022

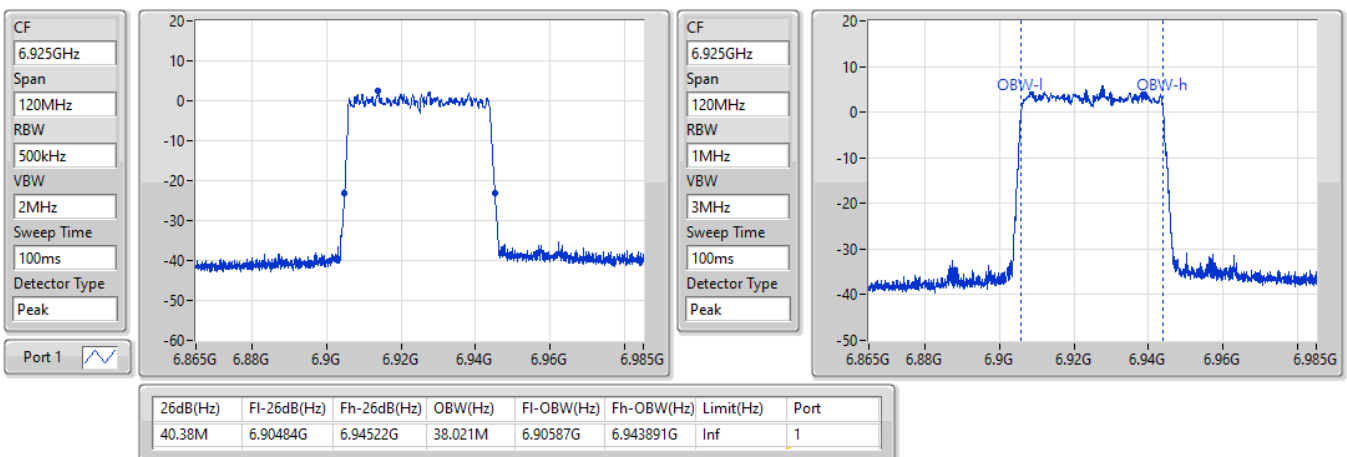


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6885MHz Straddle 6.525-6.875GHz

13/06/2022

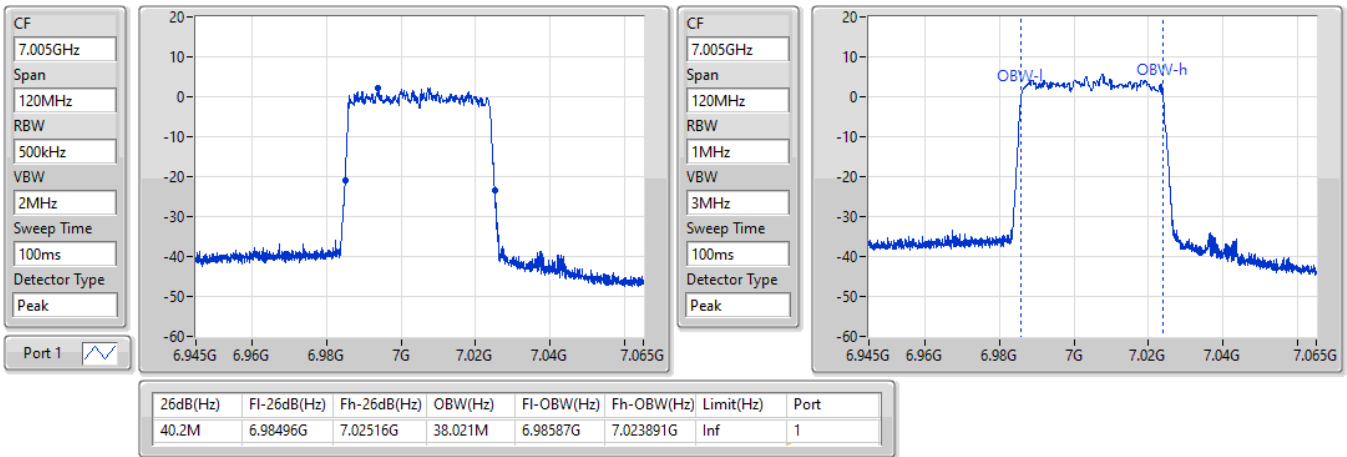

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6925MHz

13/06/2022

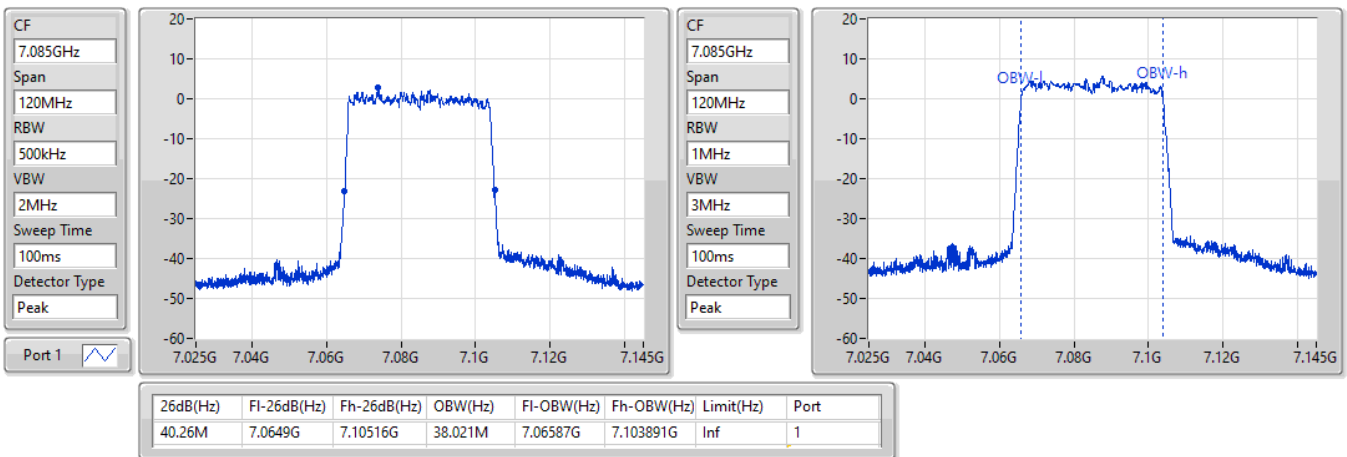


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7005MHz

13/06/2022

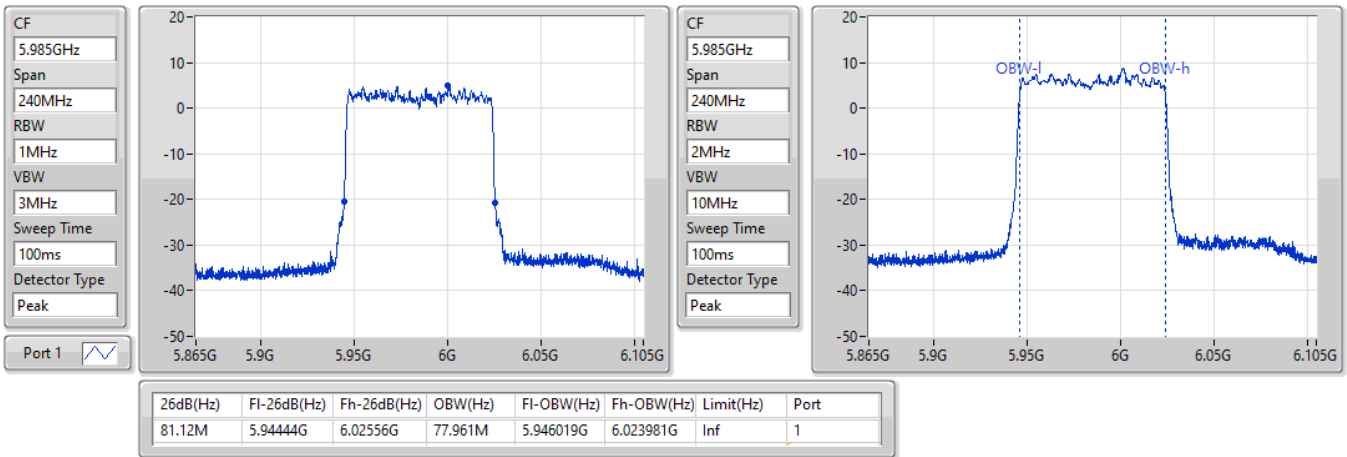

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7085MHz

13/06/2022

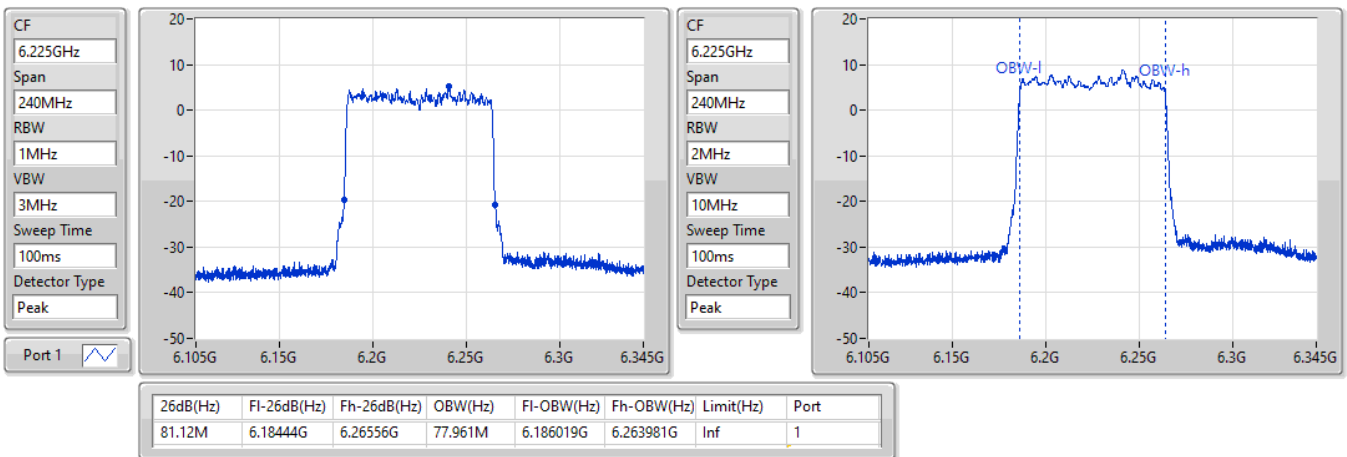


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5985MHz

13/06/2022

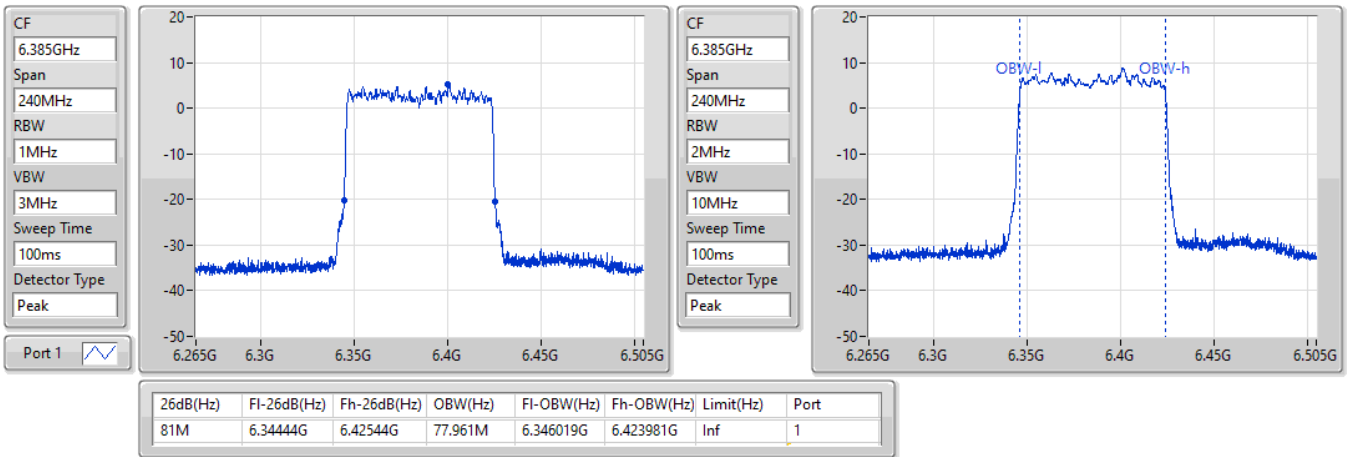

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6225MHz

13/06/2022

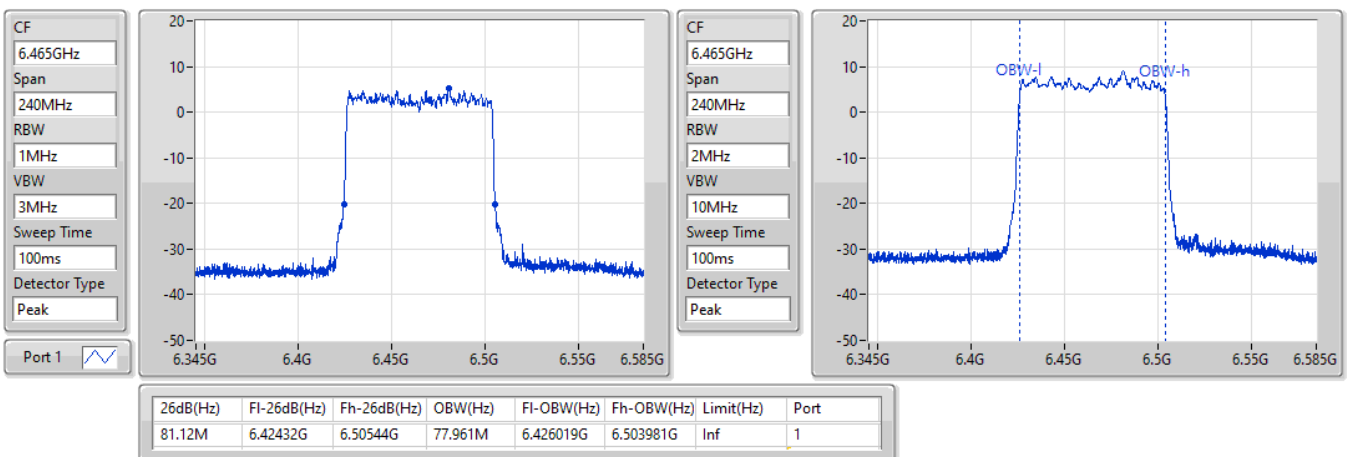


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6385MHz

13/06/2022

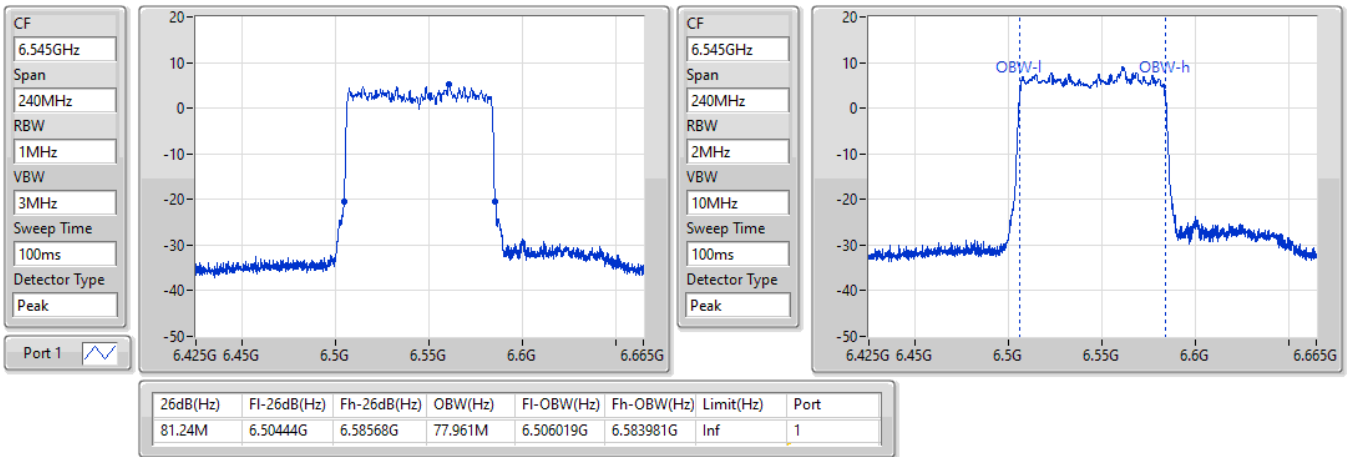

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6465MHz

13/06/2022

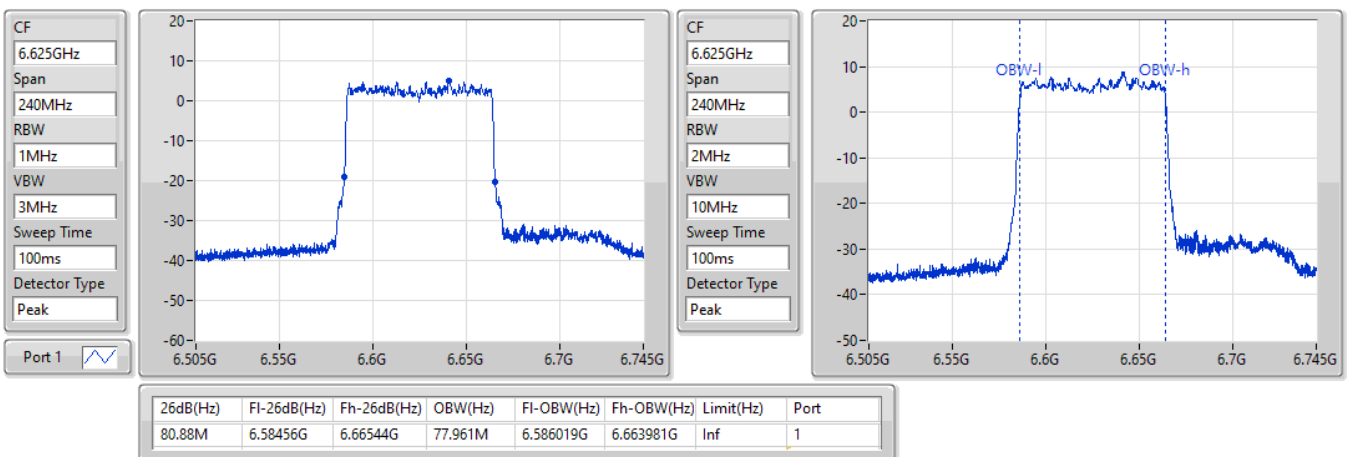


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6545MHz Straddle 6.425-6.525GHz

13/06/2022

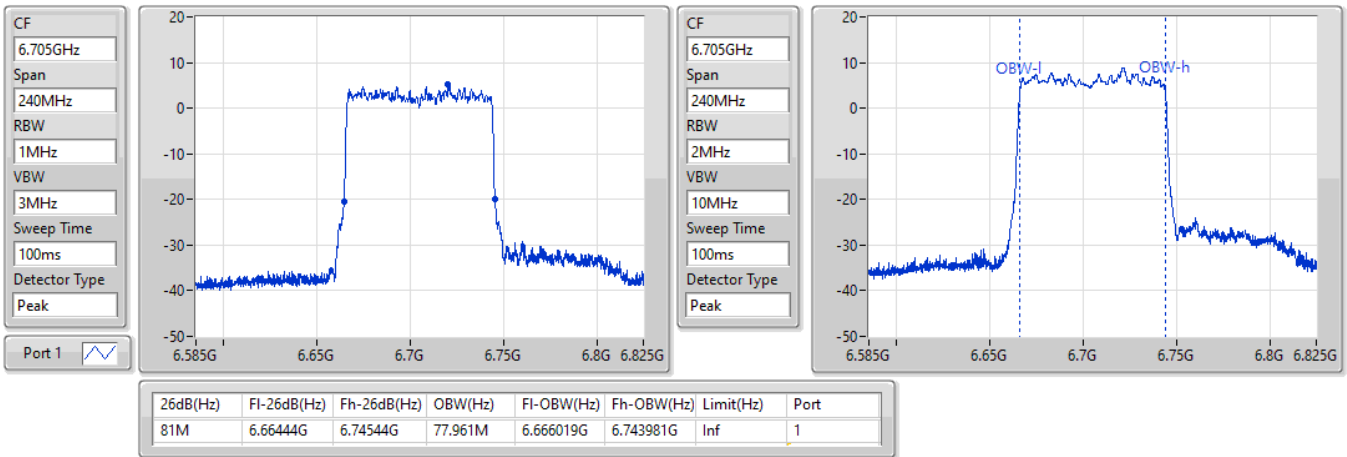

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6625MHz

13/06/2022

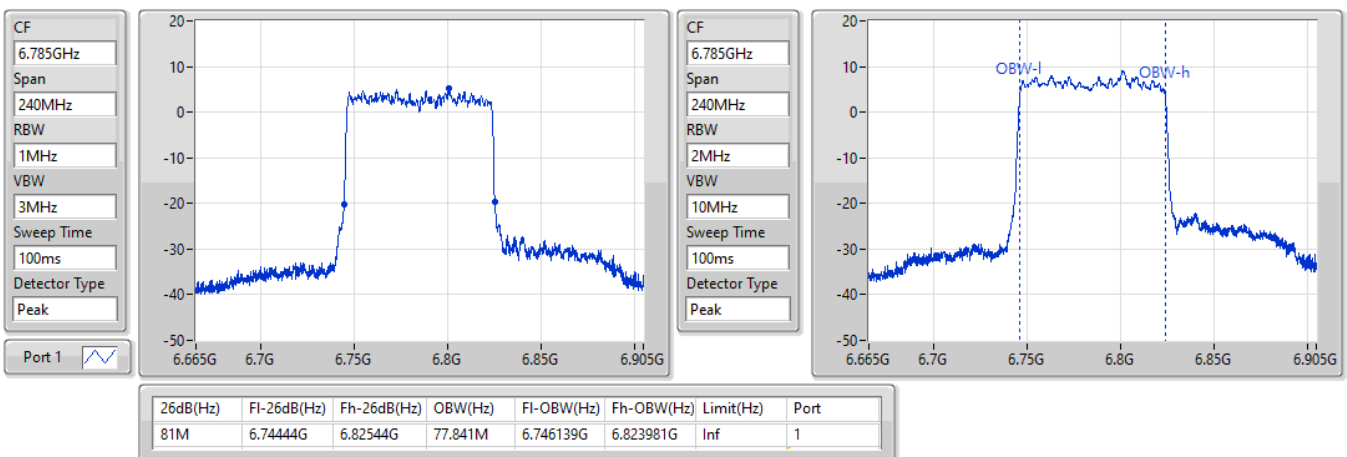


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6705MHz

13/06/2022

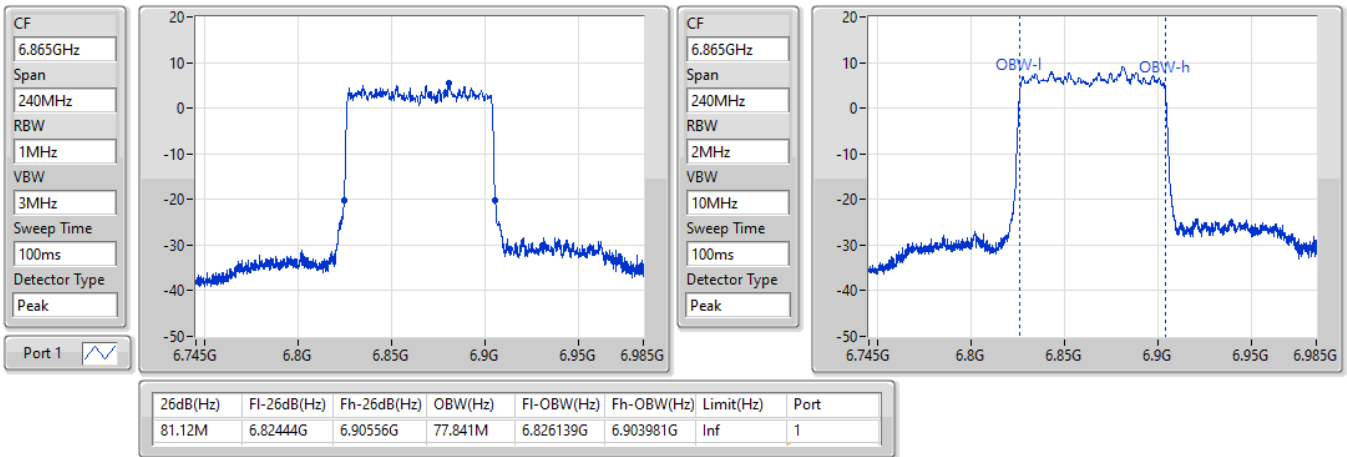

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6785MHz

13/06/2022

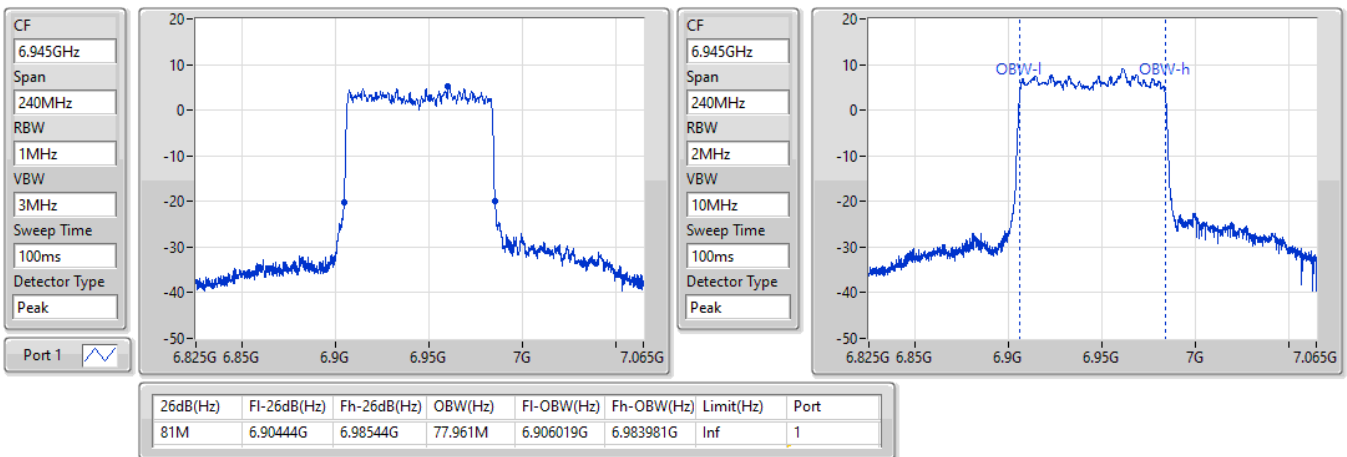


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6865MHz Straddle 6.525-6.875GHz

13/06/2022

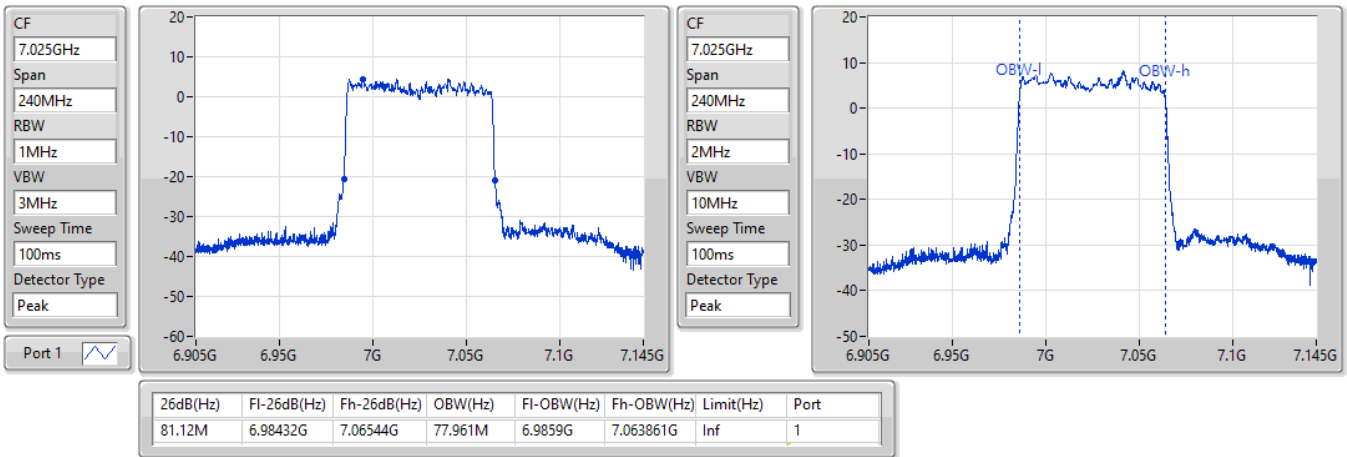

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6945MHz

13/06/2022

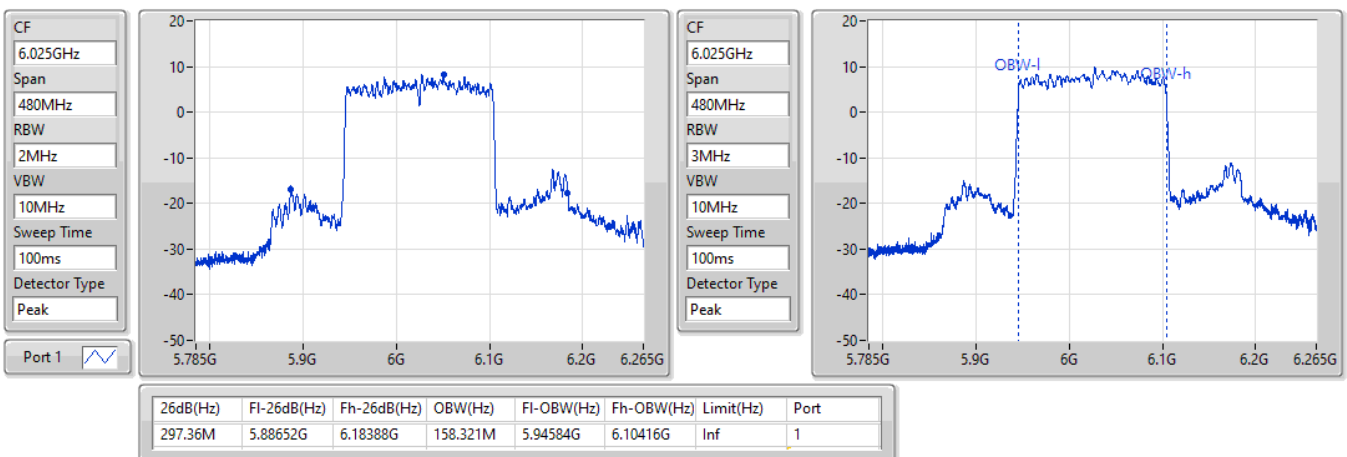


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
7025MHz

13/06/2022

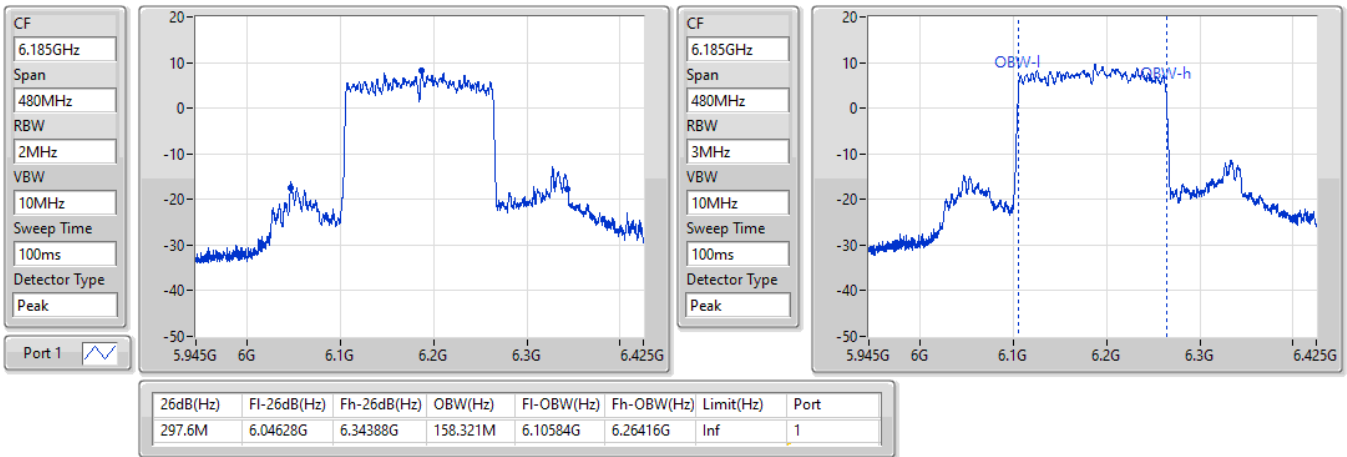

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6025MHz

13/06/2022

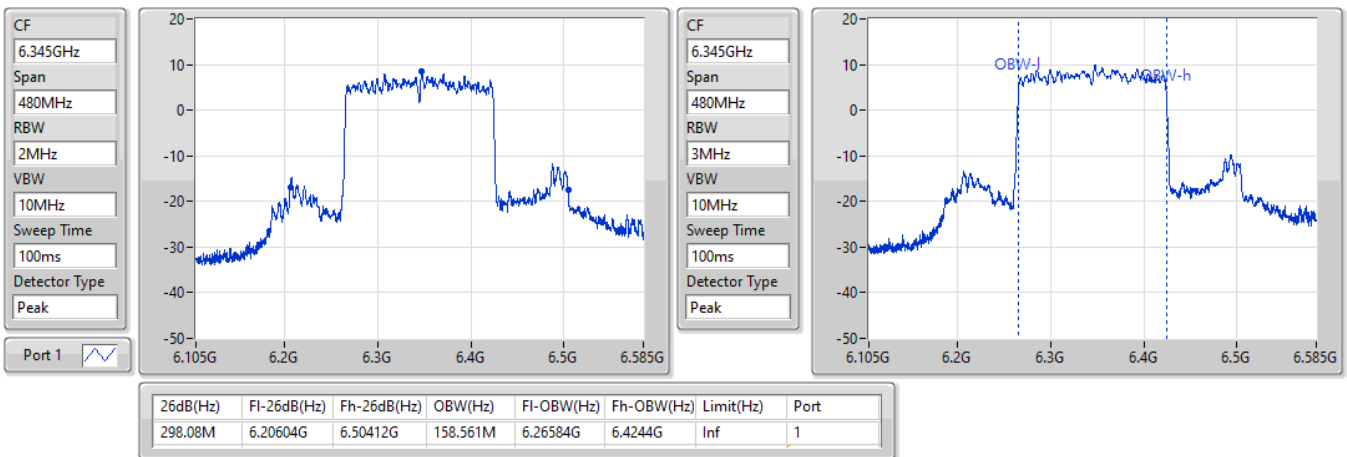


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6185MHz

13/06/2022

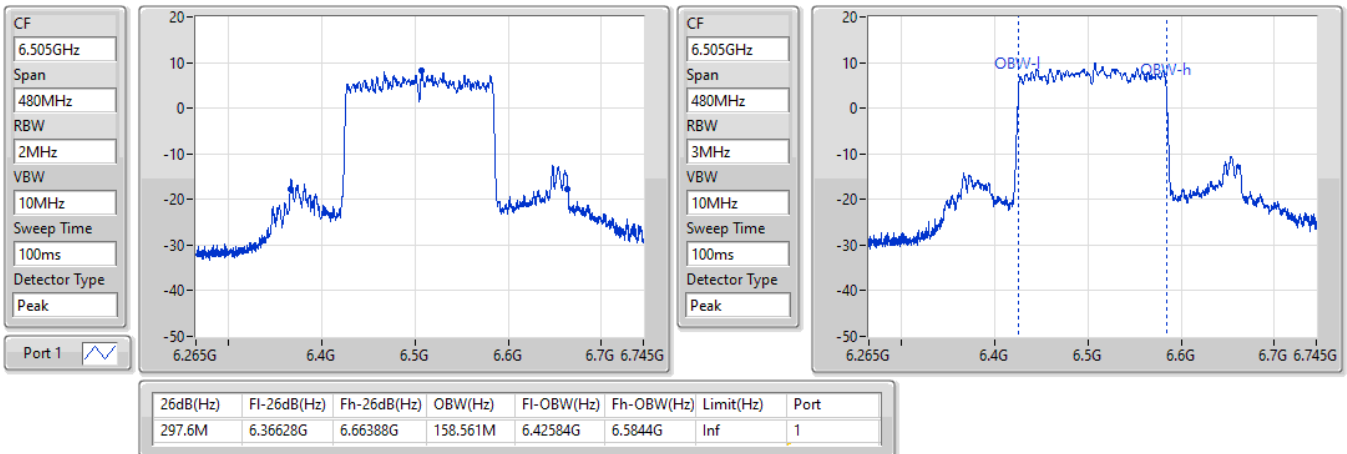

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6345MHz

13/06/2022

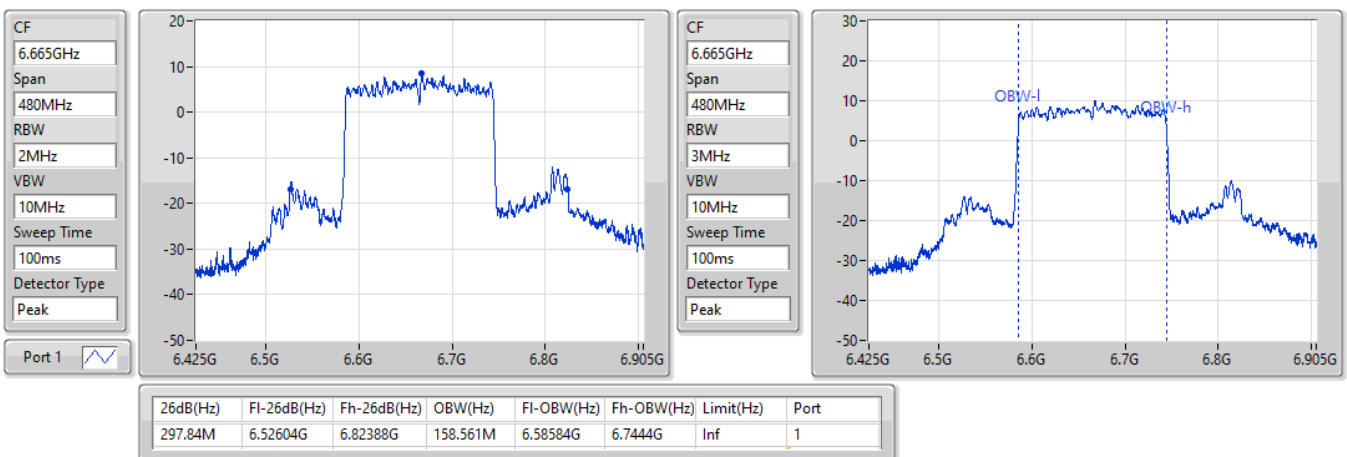


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6505MHz Straddle 6.425-6.525GHz

13/06/2022

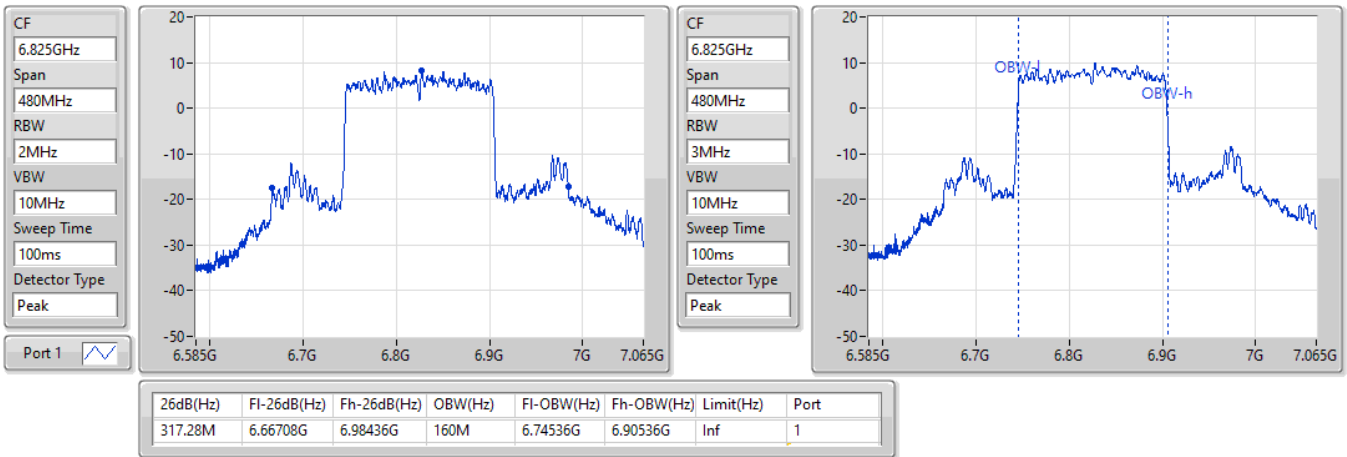

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6665MHz

13/06/2022

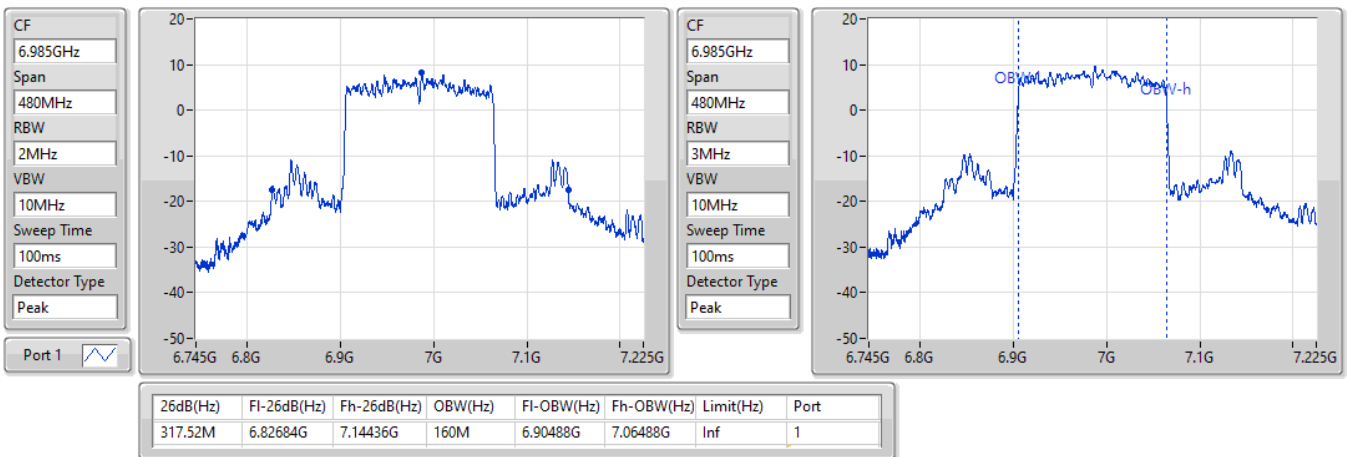


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6825MHz Straddle 6.525-6.875GHz

13/06/2022


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6985MHz

13/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.921M	18M9D1D	20.55M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	38.081M	38M1D1D	40.2M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	81M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	298.08M	158.561M	159MD1D	297.36M	158.321M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.61M	18.891M	18M9D1D	20.52M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.32M	38.021M	38MOD1D	40.08M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.24M	77.961M	78MOD1D	81.12M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	297.6M	158.561M	159MD1D	297.6M	158.561M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.891M	18M9D1D	20.58M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.26M	38.081M	38M1D1D	40.26M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	80.88M	77.841M
802.11ax HEW160_Nss1,(MCS0)_1TX	317.28M	160M	160MD1D	297.84M	158.561M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.64M	18.891M	18M9D1D	20.55M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.38M	38.021M	38MOD1D	40.2M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.12M	77.961M	78MOD1D	81M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	317.52M	160M	160MD1D	317.52M	160M

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

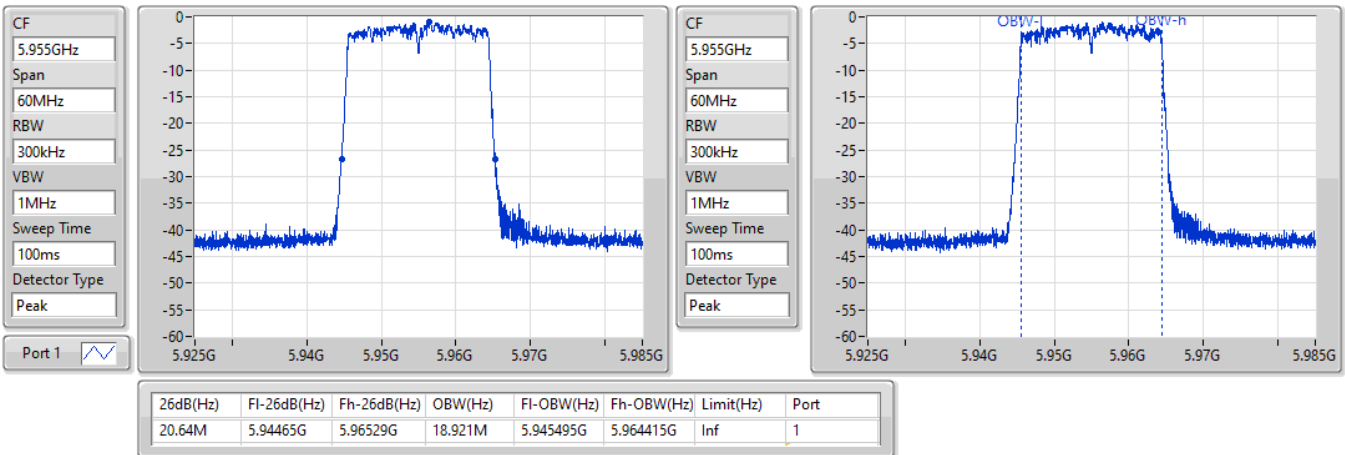
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	20.64M	18.921M
6195MHz	Pass	Inf	20.61M	18.891M
6415MHz	Pass	Inf	20.55M	18.891M
6435MHz	Pass	Inf	20.58M	18.891M
6475MHz	Pass	Inf	20.52M	18.891M
6515MHz	Pass	Inf	20.61M	18.891M
6535MHz	Pass	Inf	20.58M	18.861M
6695MHz	Pass	Inf	20.61M	18.891M
6855MHz	Pass	Inf	20.58M	18.891M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.64M	18.891M
6895MHz	Pass	Inf	20.61M	18.891M
6995MHz	Pass	Inf	20.64M	18.891M
7095MHz	Pass	Inf	20.55M	18.891M
7115MHz	Pass	Inf	20.55M	18.861M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	40.2M	38.021M
6205MHz	Pass	Inf	40.26M	38.081M
6405MHz	Pass	Inf	40.26M	38.021M
6445MHz	Pass	Inf	40.32M	38.021M
6485MHz	Pass	Inf	40.08M	38.021M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.32M	38.021M
6565MHz	Pass	Inf	40.26M	38.021M
6685MHz	Pass	Inf	40.26M	38.021M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.26M	38.081M
6925MHz	Pass	Inf	40.38M	38.021M
7005MHz	Pass	Inf	40.2M	38.021M
7085MHz	Pass	Inf	40.26M	38.021M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.12M	77.961M
6225MHz	Pass	Inf	81.12M	77.961M
6385MHz	Pass	Inf	81M	77.961M
6465MHz	Pass	Inf	81.12M	77.961M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.24M	77.961M
6625MHz	Pass	Inf	80.88M	77.961M
6705MHz	Pass	Inf	81M	77.961M
6785MHz	Pass	Inf	81M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.12M	77.841M
6945MHz	Pass	Inf	81M	77.961M
7025MHz	Pass	Inf	81.12M	77.961M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	297.36M	158.321M
6185MHz	Pass	Inf	297.6M	158.321M
6345MHz	Pass	Inf	298.08M	158.561M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	297.6M	158.561M
6665MHz	Pass	Inf	297.84M	158.561M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	317.28M	160M
6985MHz	Pass	Inf	317.52M	160M

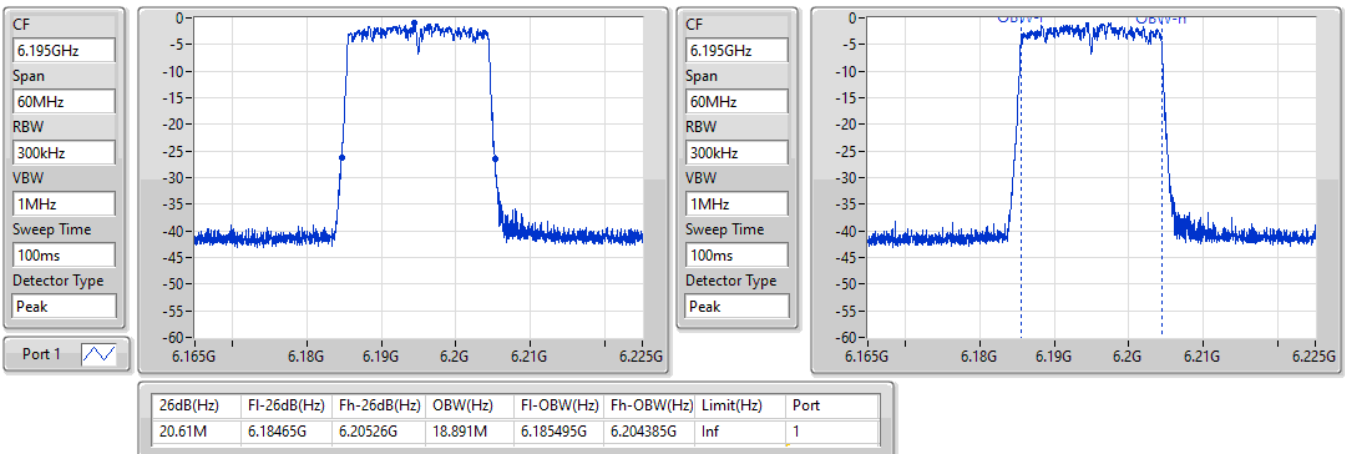
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5955MHz

13/06/2022


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6195MHz

13/06/2022

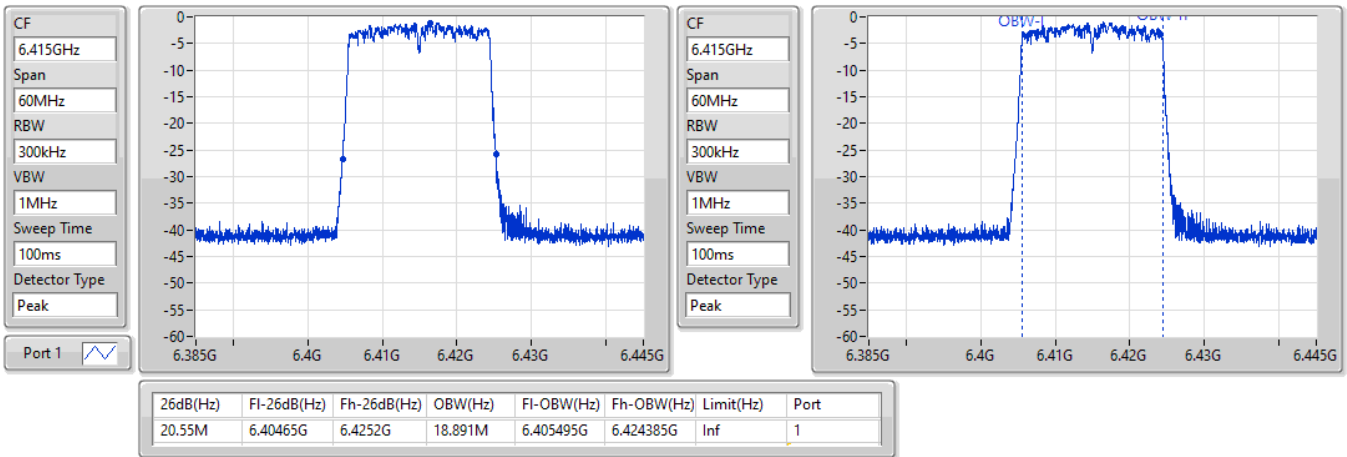


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

13/06/2022

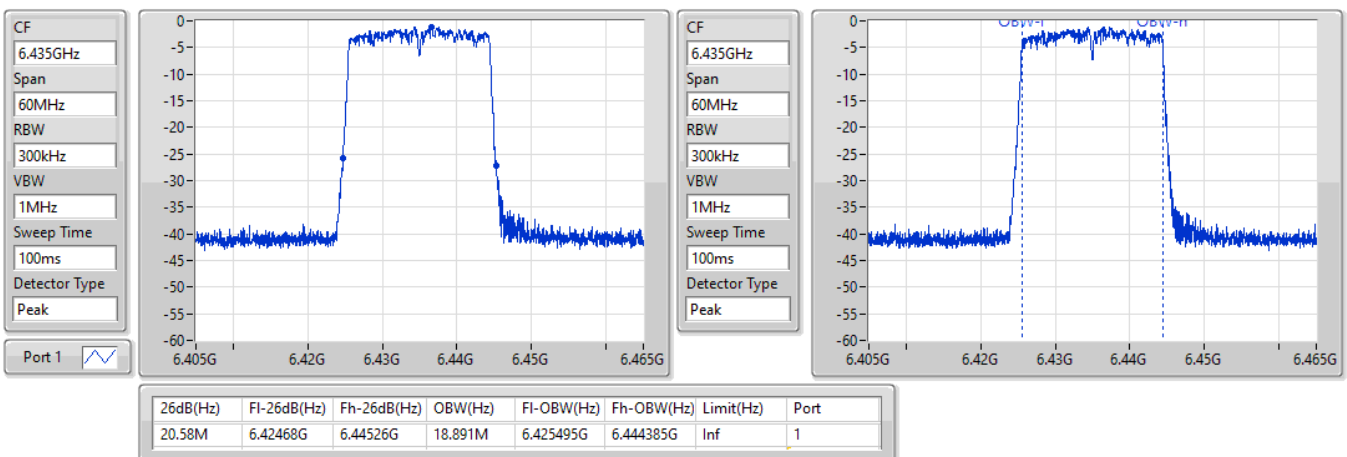


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

13/06/2022

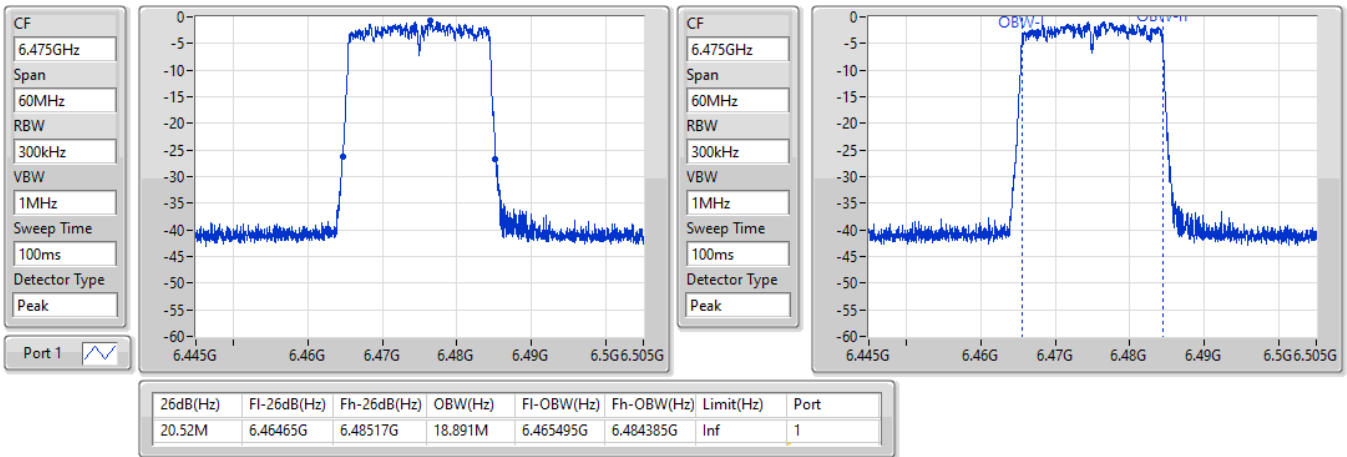


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

13/06/2022

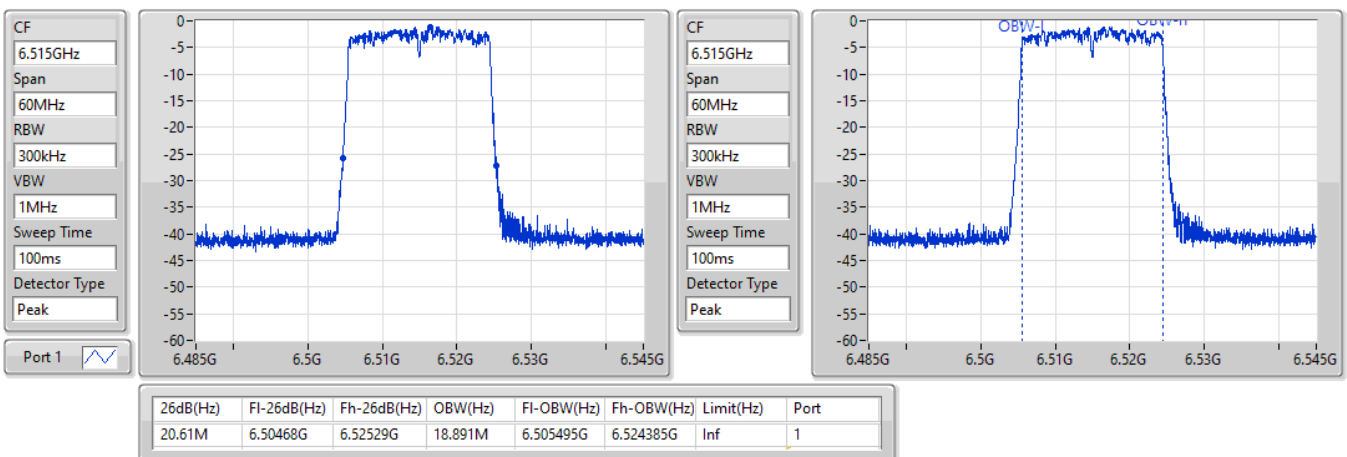


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

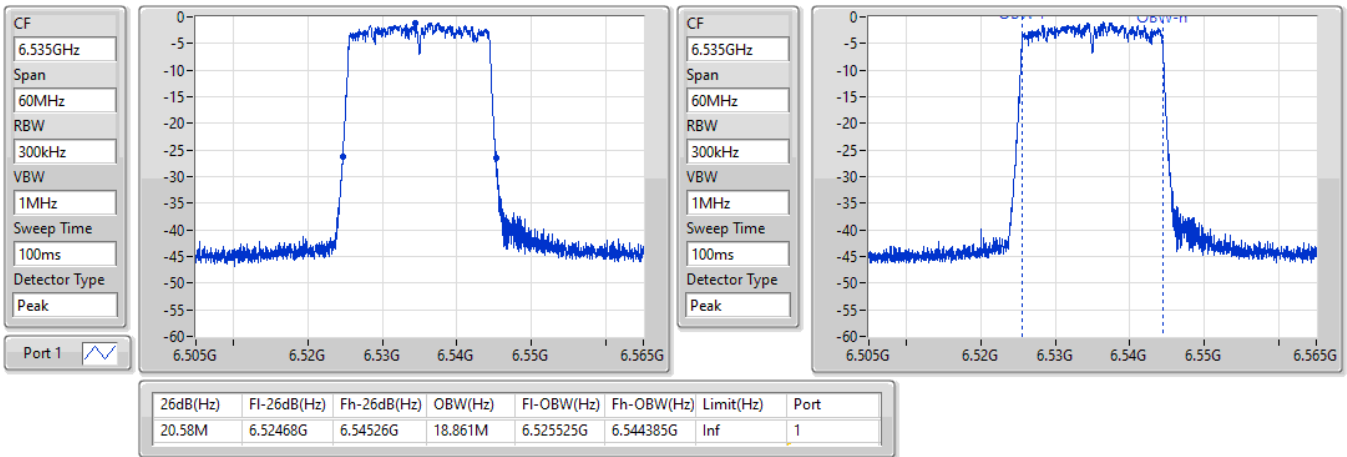
6515MHz

13/06/2022

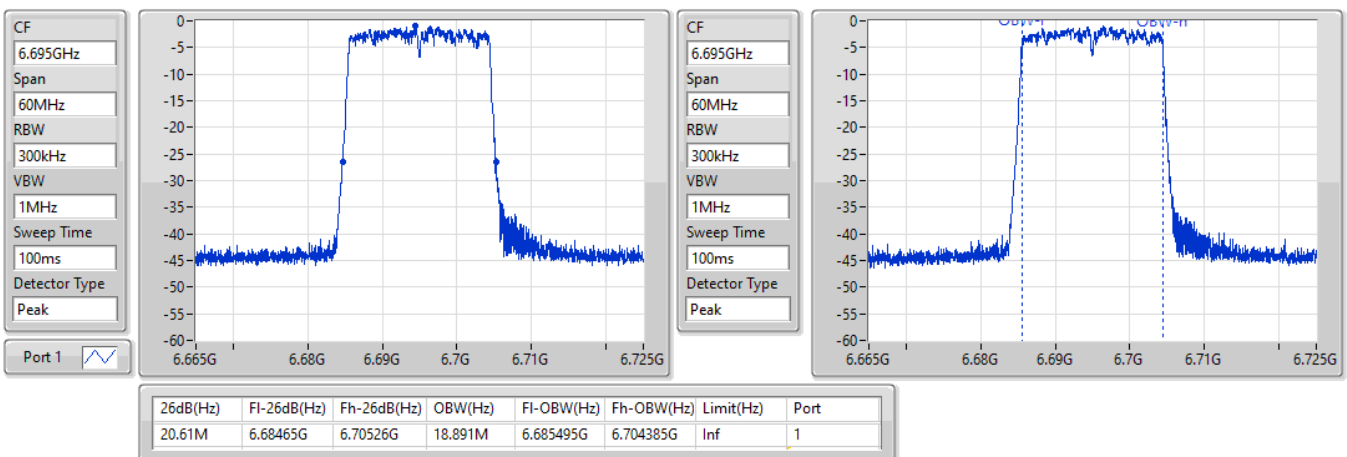


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6535MHz

13/06/2022

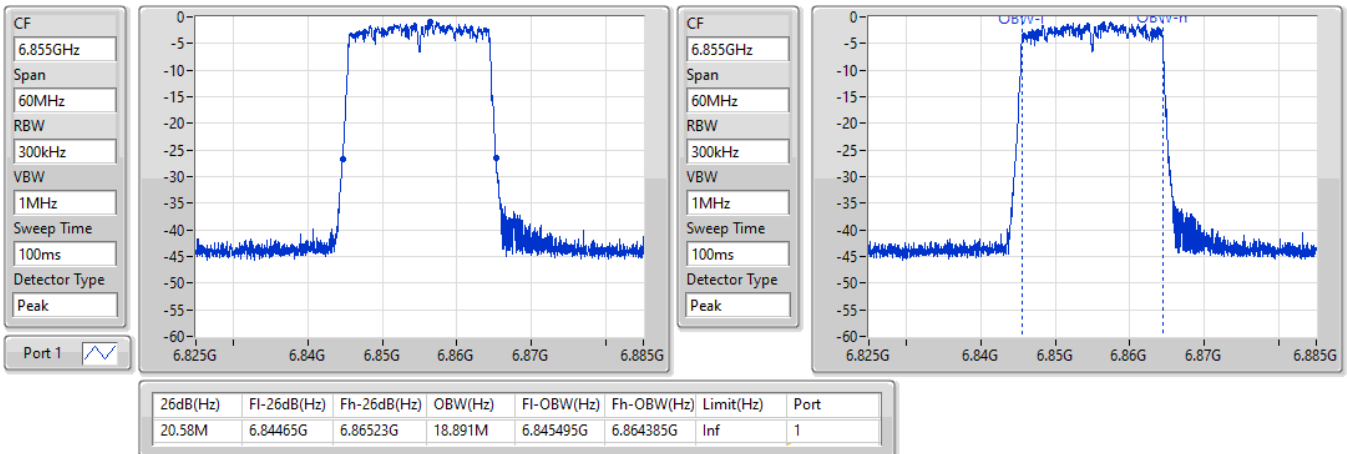

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6695MHz

13/06/2022

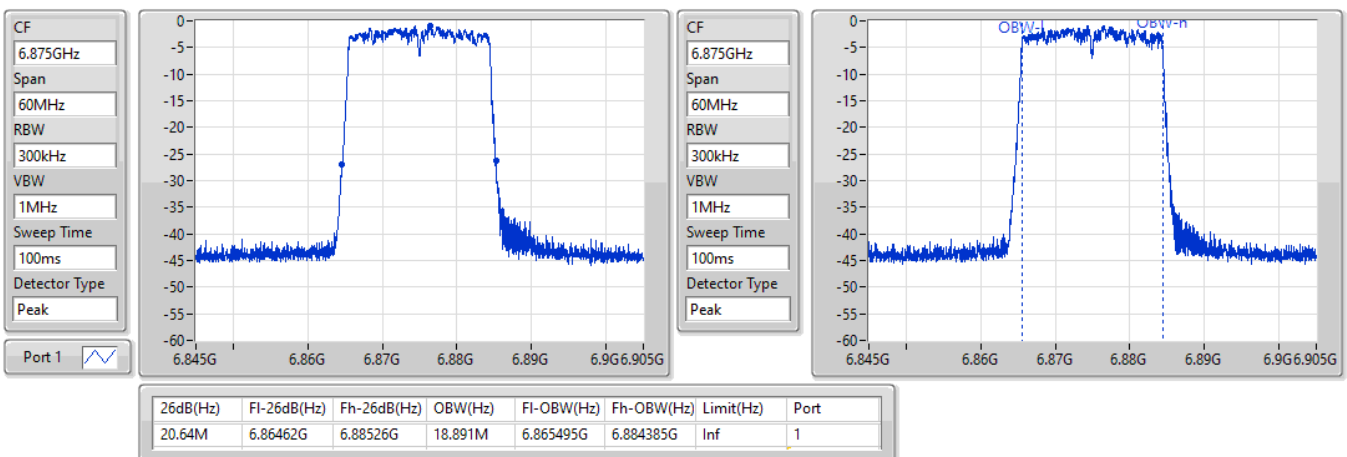


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6855MHz

13/06/2022

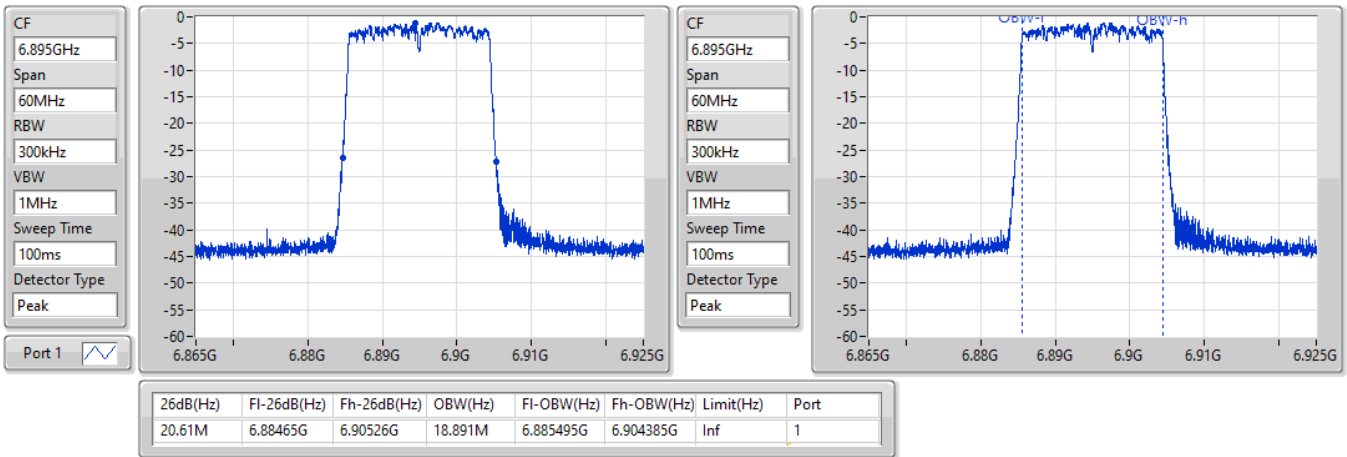

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6875MHz Straddle 6.525-6.875GHz

13/06/2022

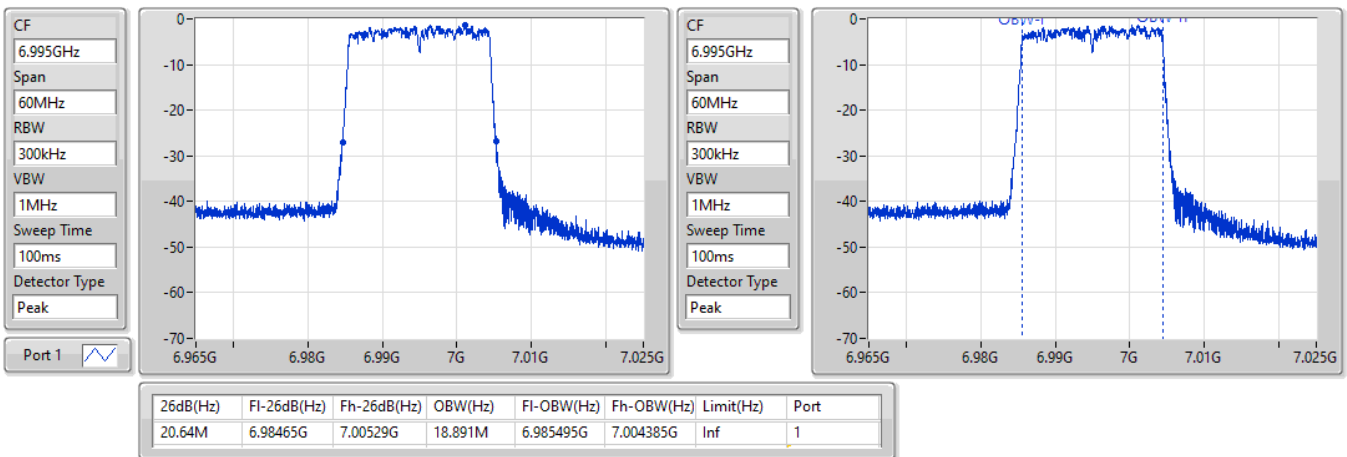


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6895MHz

13/06/2022

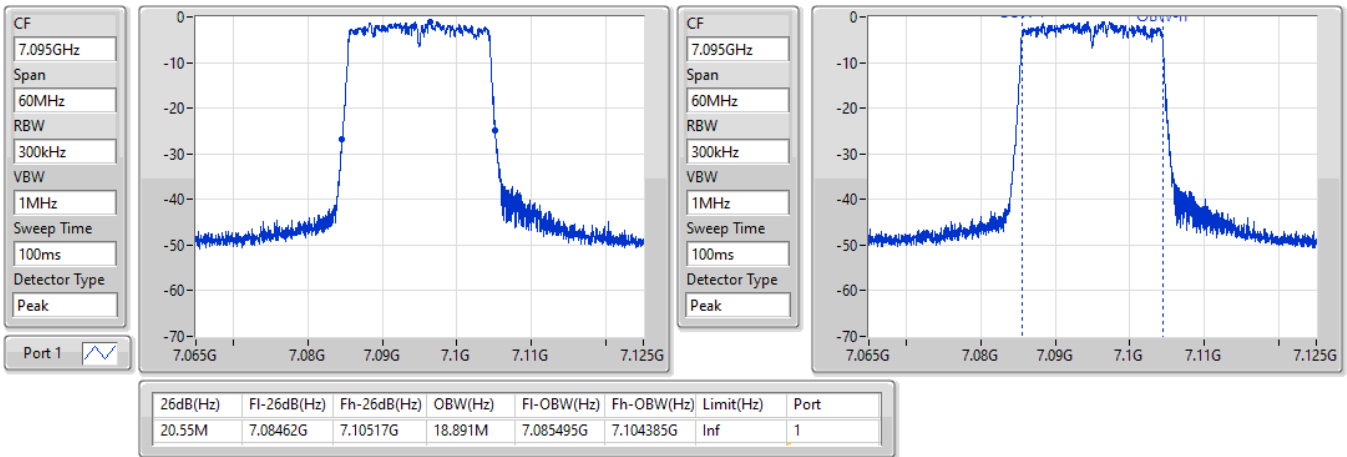

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
6995MHz

13/06/2022

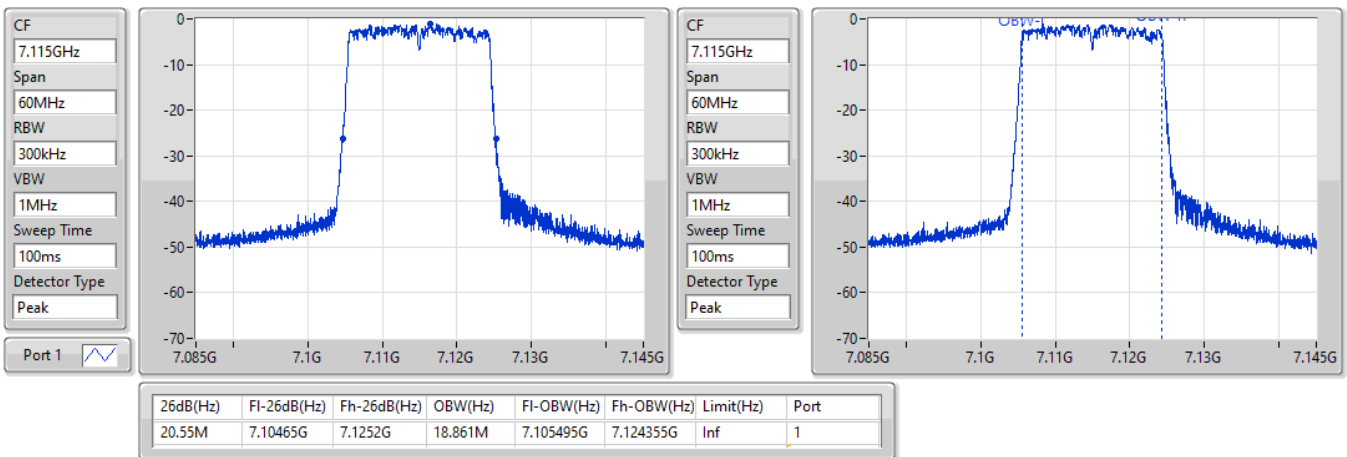


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7095MHz

13/06/2022

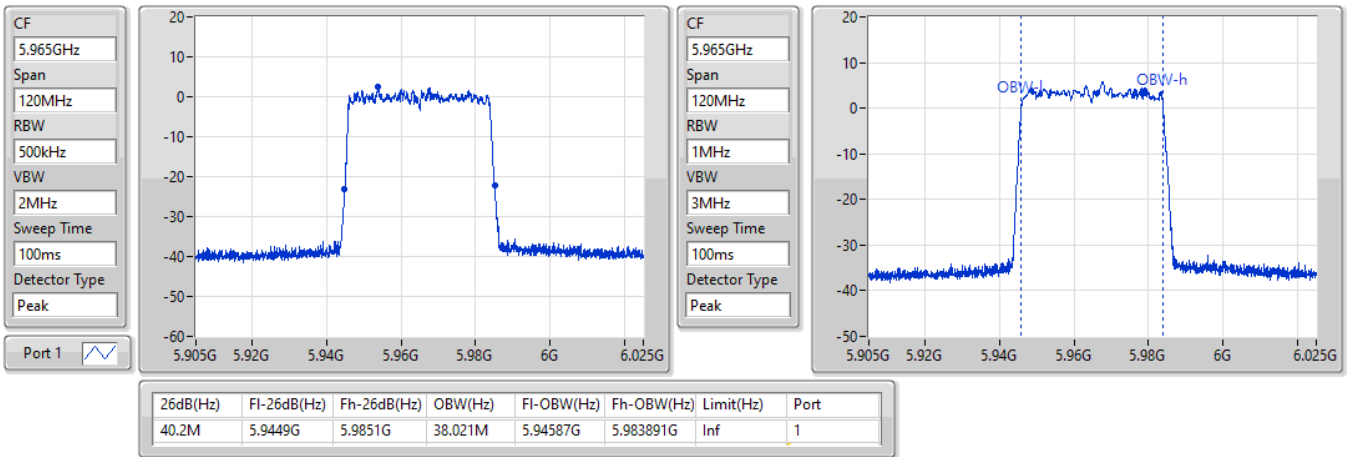

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
7115MHz

13/06/2022

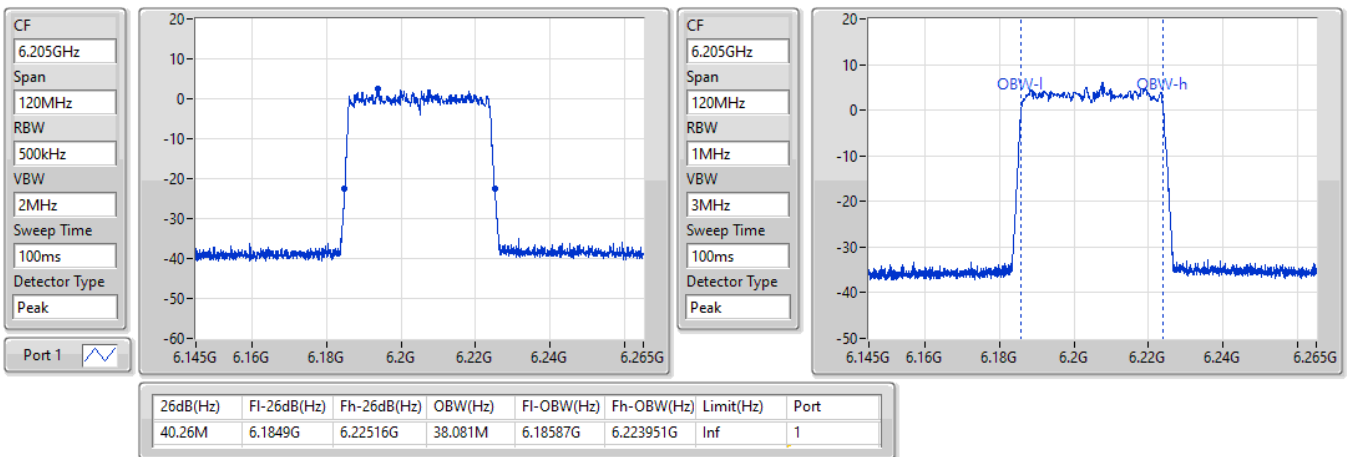


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5965MHz

13/06/2022

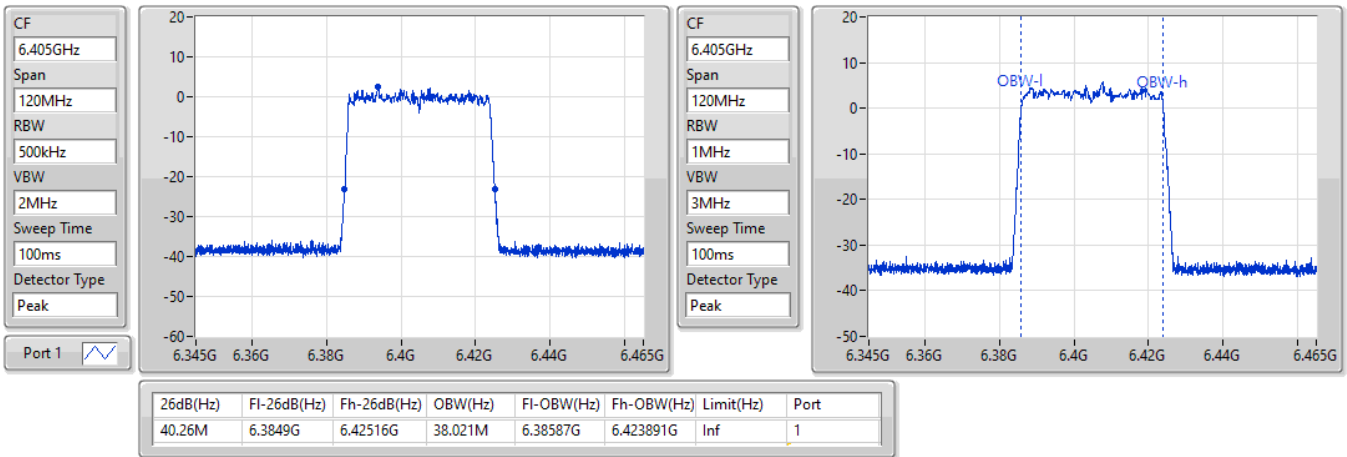

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6205MHz

13/06/2022

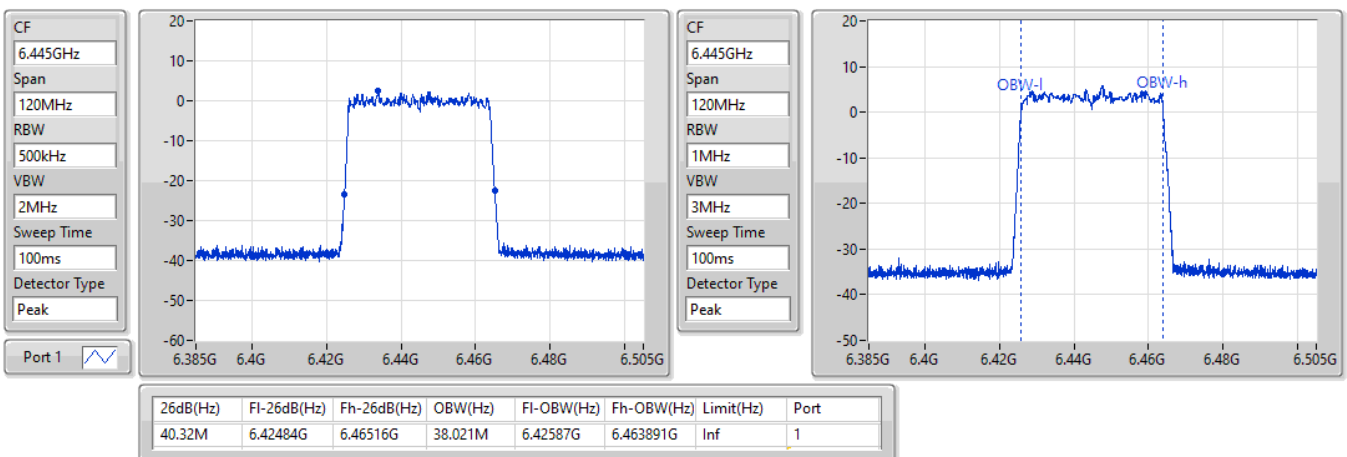


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6405MHz

13/06/2022


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6445MHz

13/06/2022

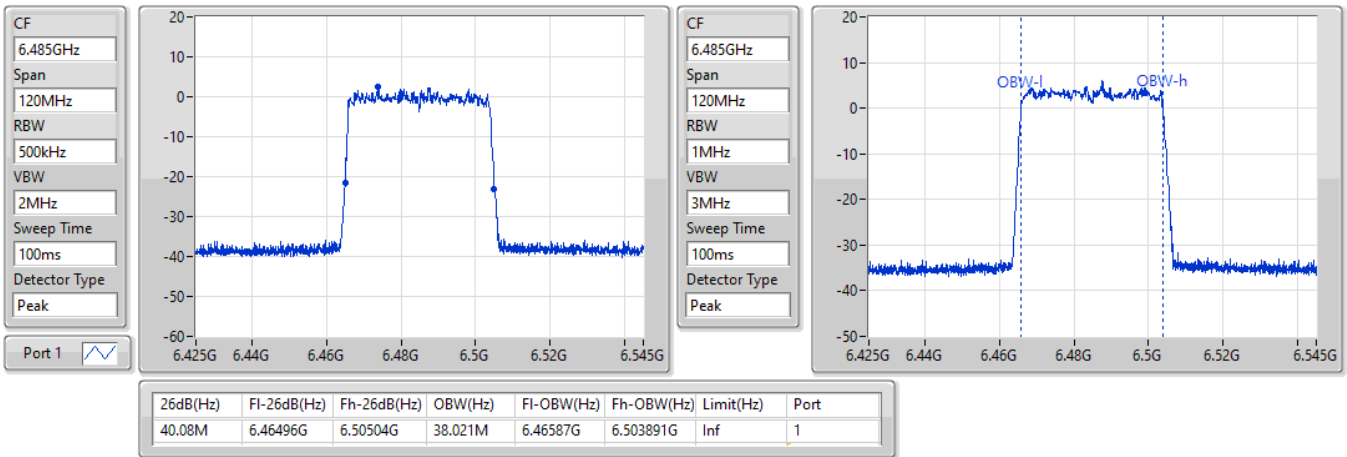


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6485MHz

13/06/2022

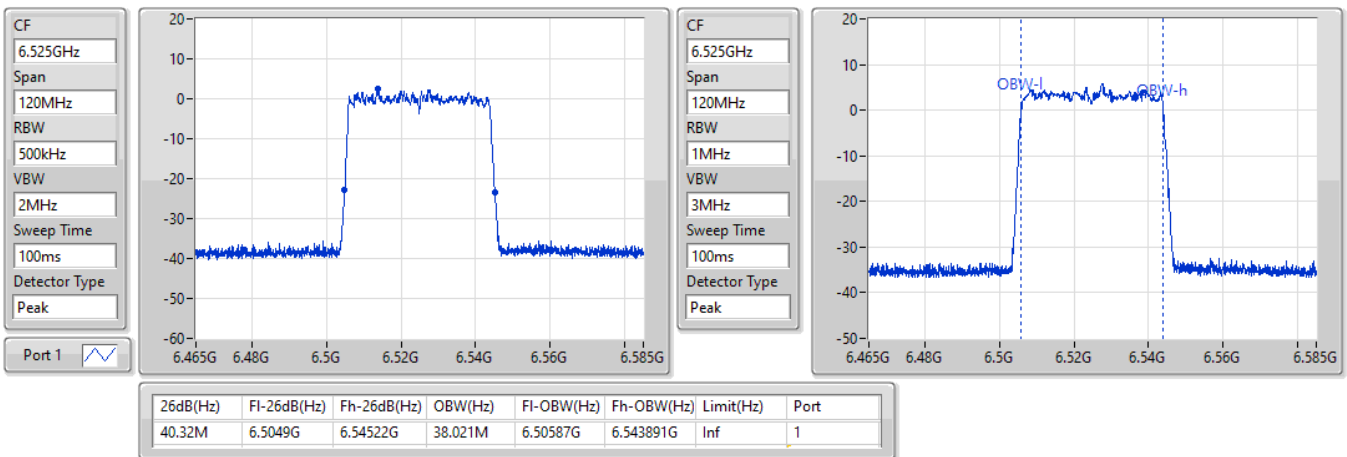


802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

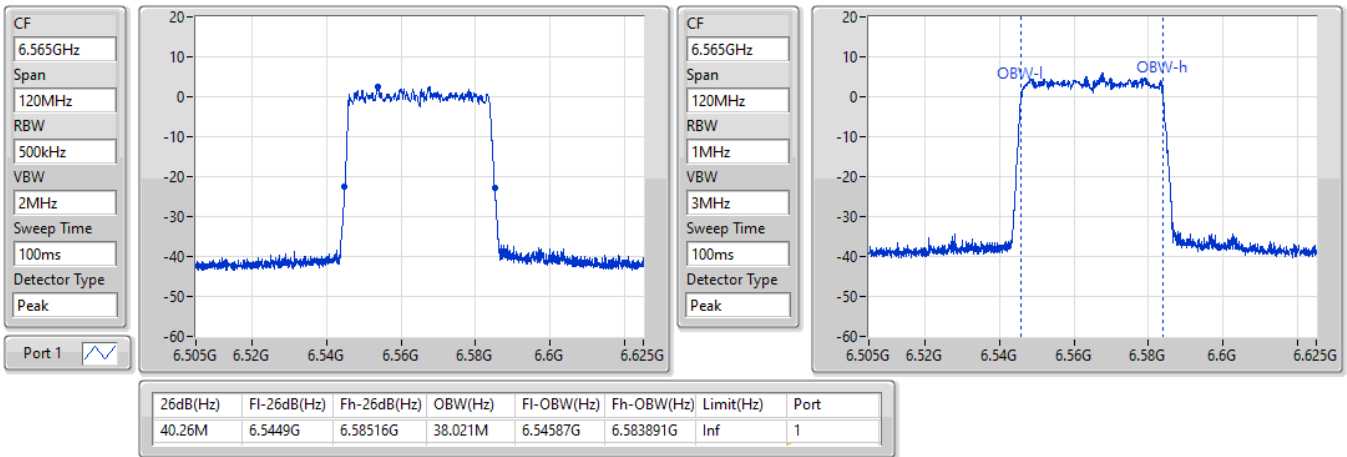
6525MHz Straddle 6.425-6.525GHz

13/06/2022

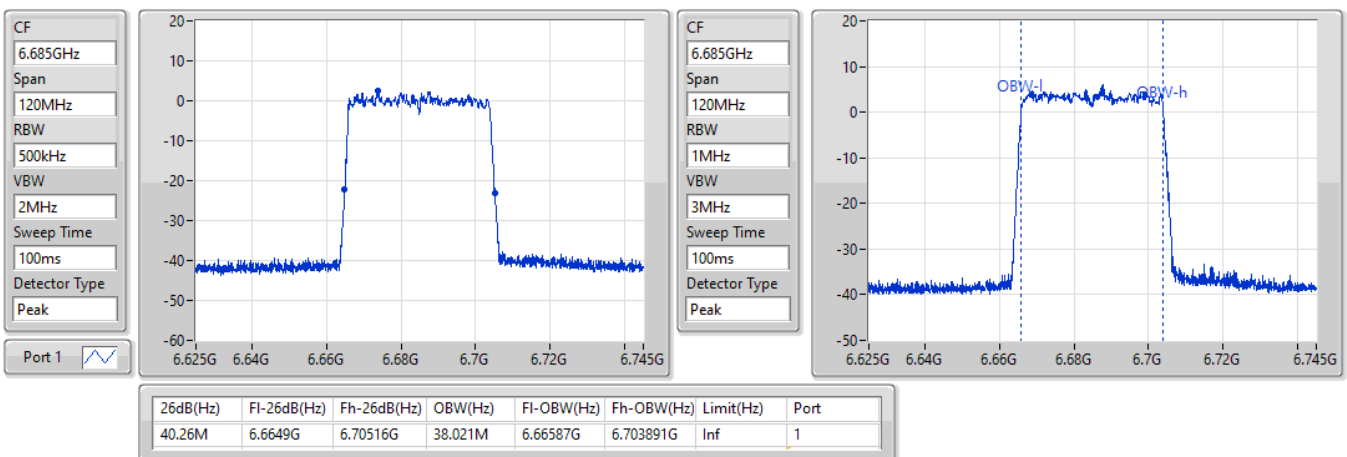


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6565MHz

13/06/2022

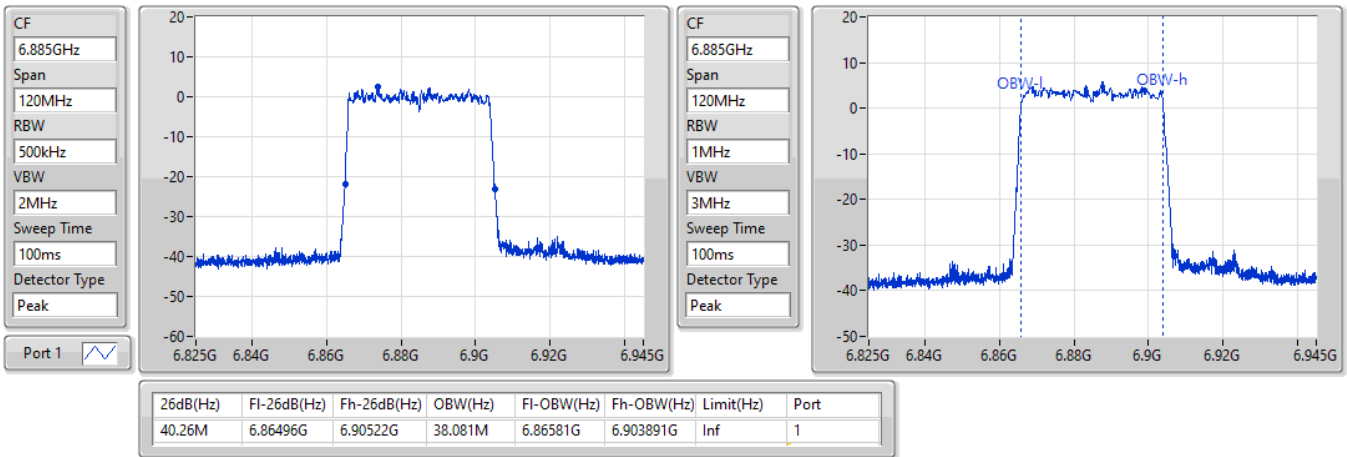

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6685MHz

13/06/2022

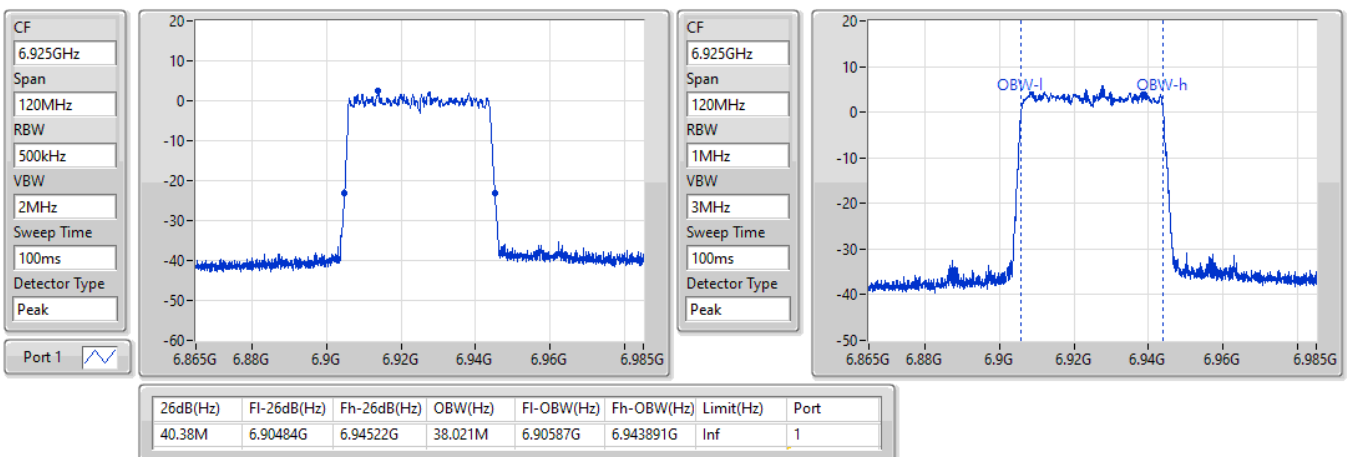


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6885MHz Straddle 6.525-6.875GHz

13/06/2022

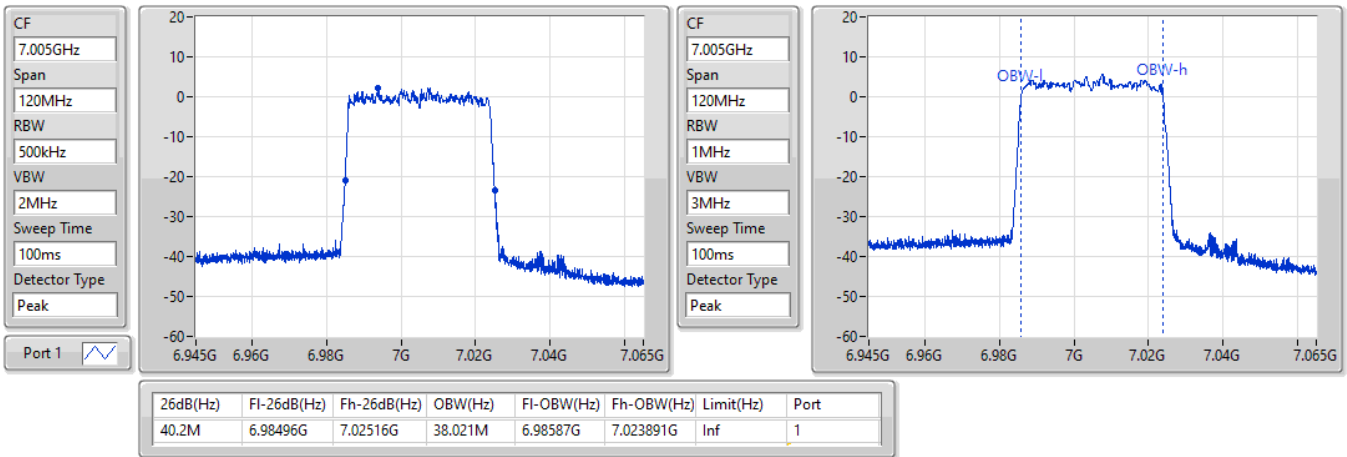

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
6925MHz

13/06/2022

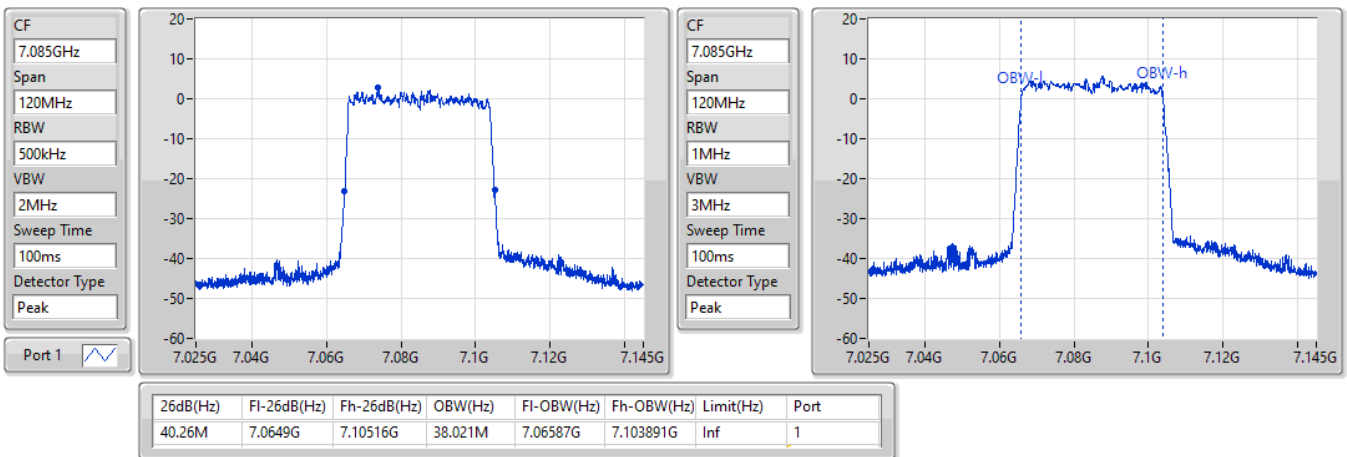


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7005MHz

13/06/2022

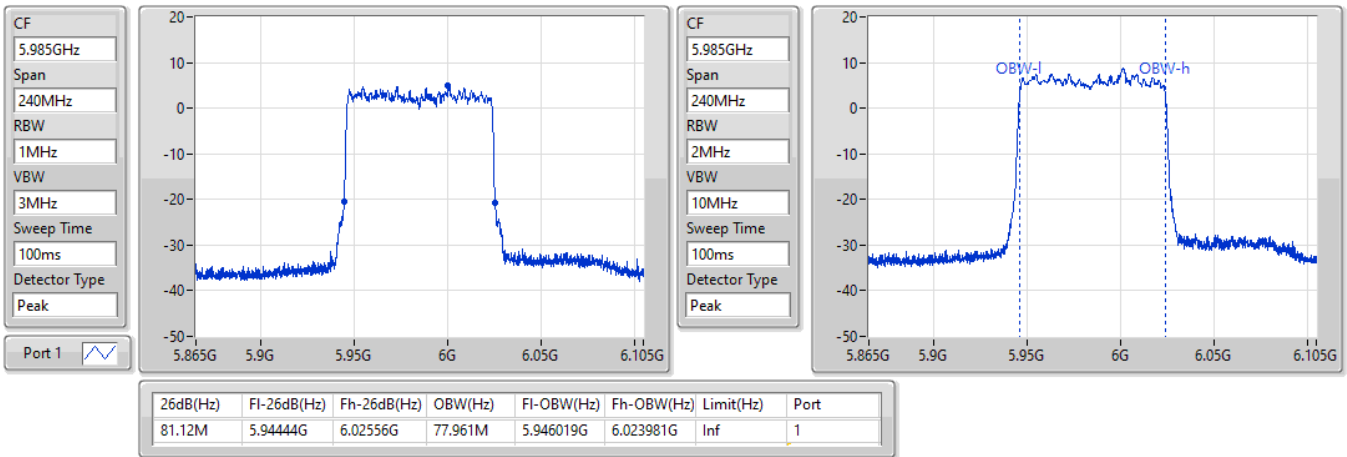

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
7085MHz

13/06/2022

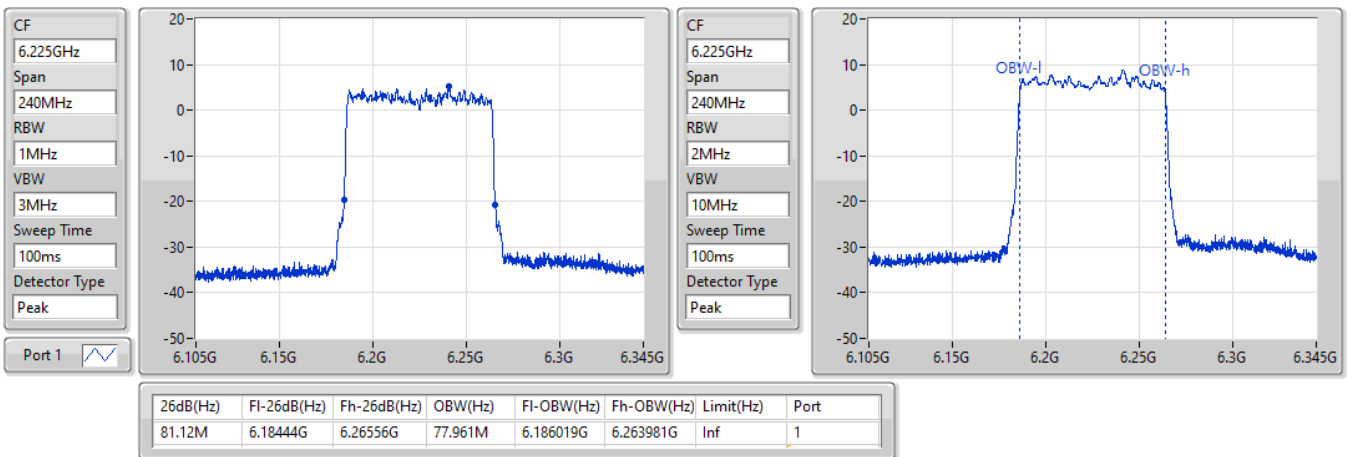


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5985MHz

13/06/2022

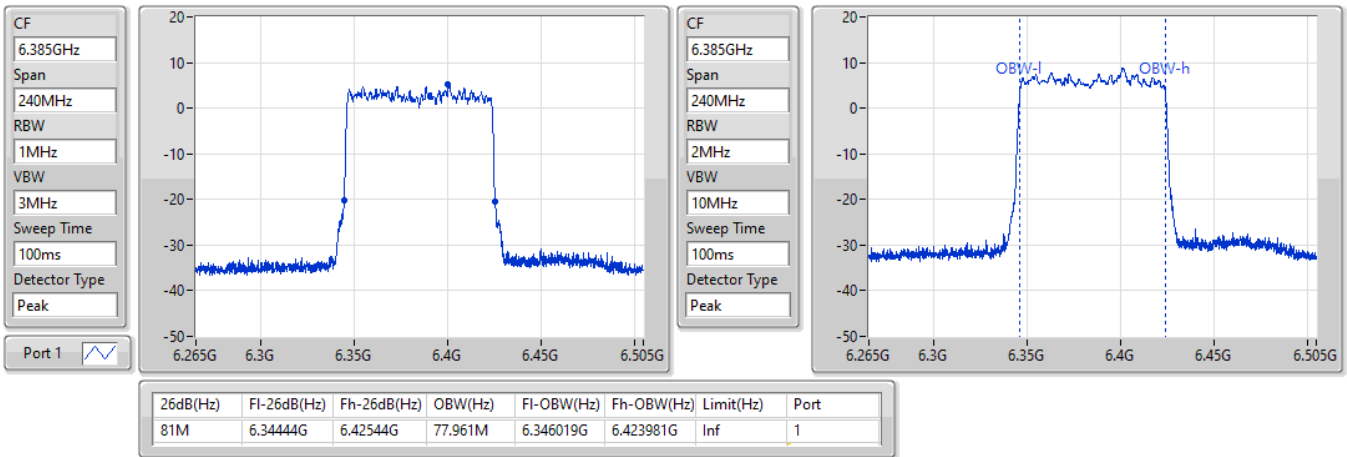

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6225MHz

13/06/2022

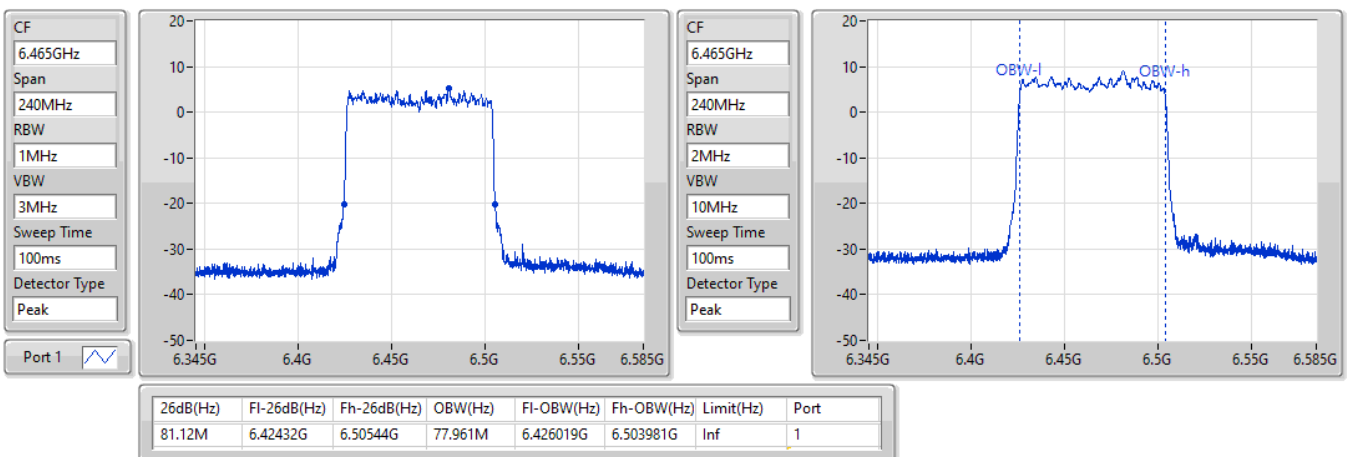


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6385MHz

13/06/2022

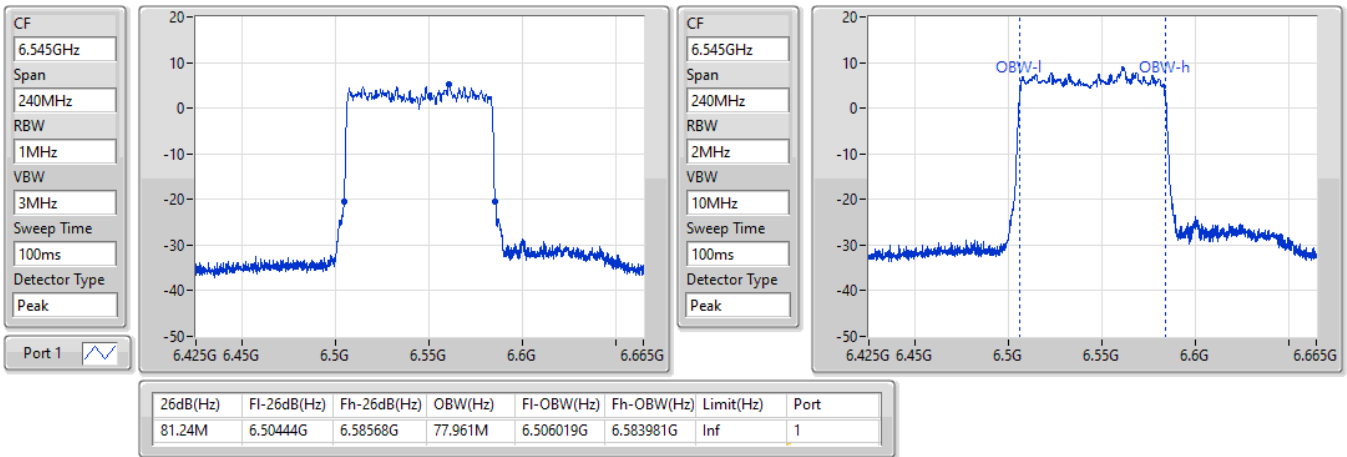

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6465MHz

13/06/2022

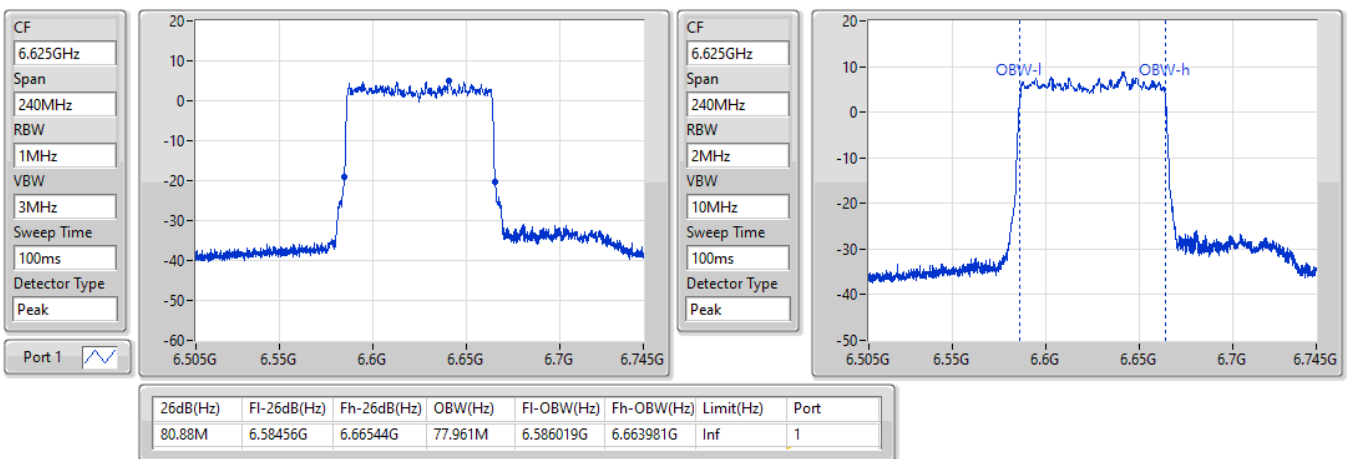


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6545MHz Straddle 6.425-6.525GHz

13/06/2022

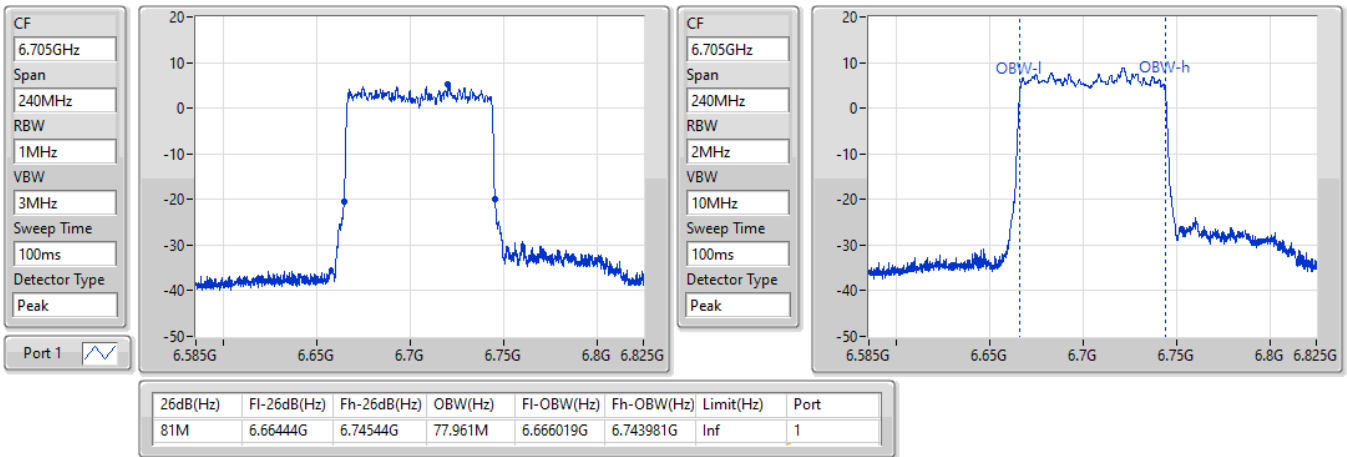

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6625MHz

13/06/2022

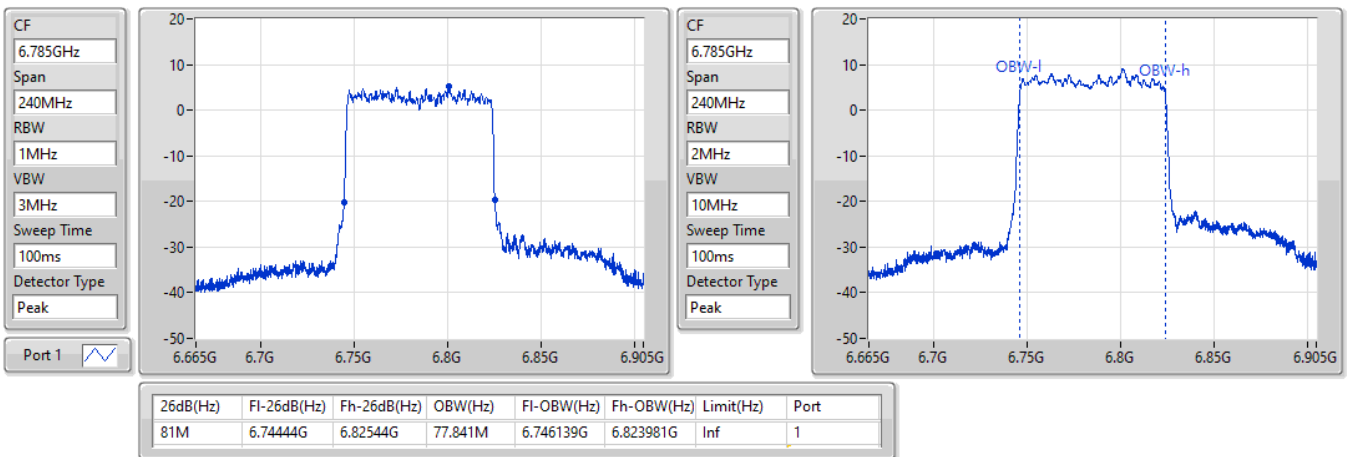


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6705MHz

13/06/2022

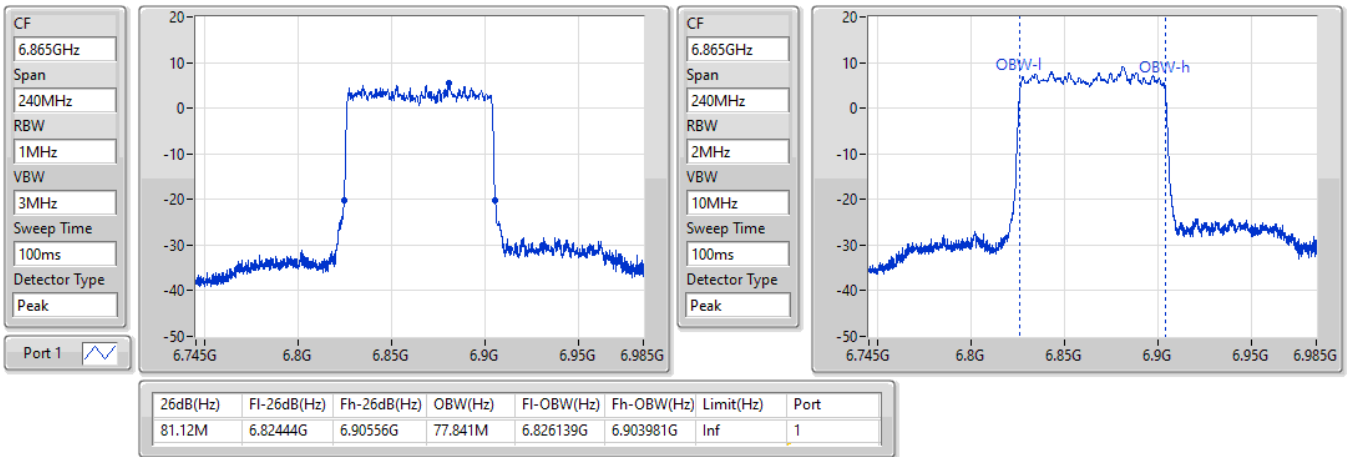

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6785MHz

13/06/2022

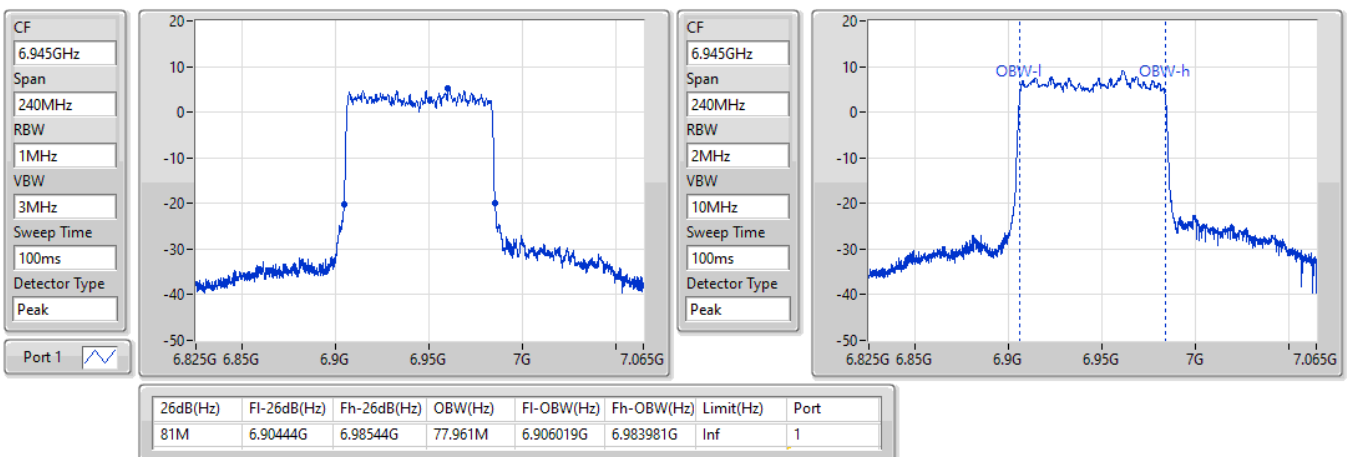


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6865MHz Straddle 6.525-6.875GHz

13/06/2022

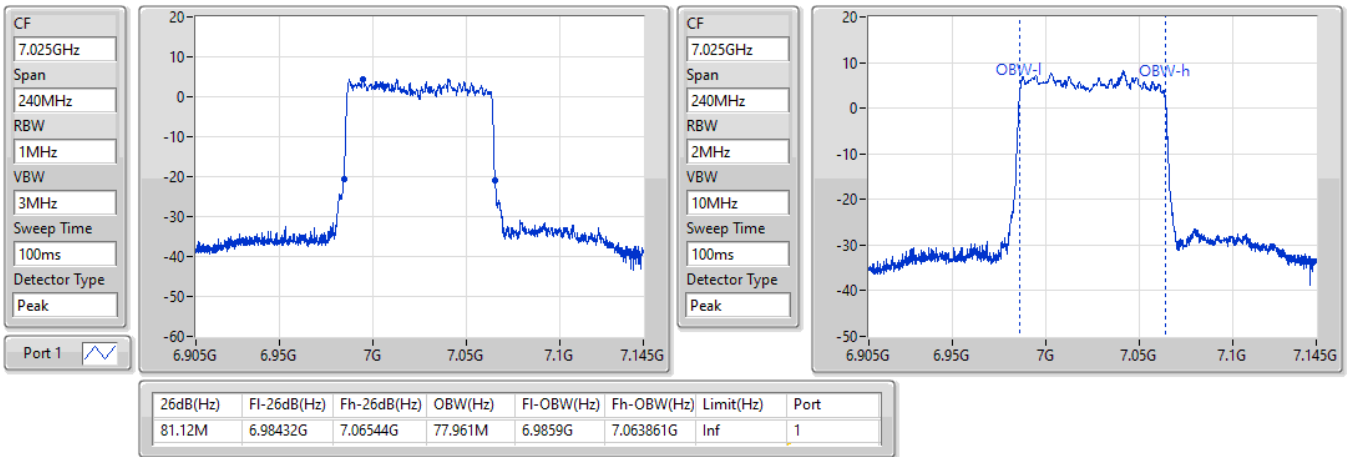

802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
6945MHz

13/06/2022

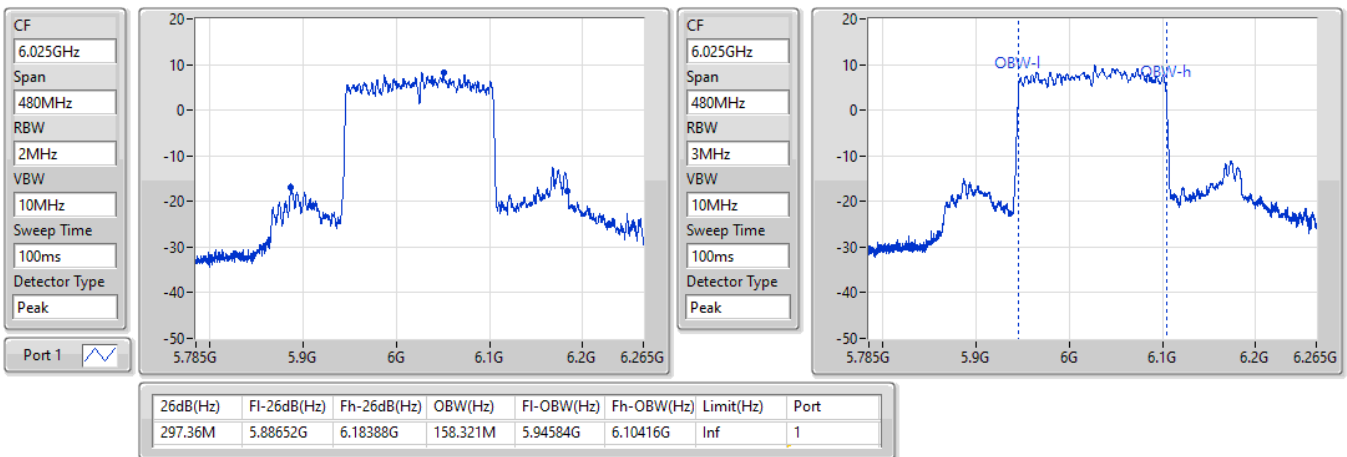


802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
7025MHz

13/06/2022

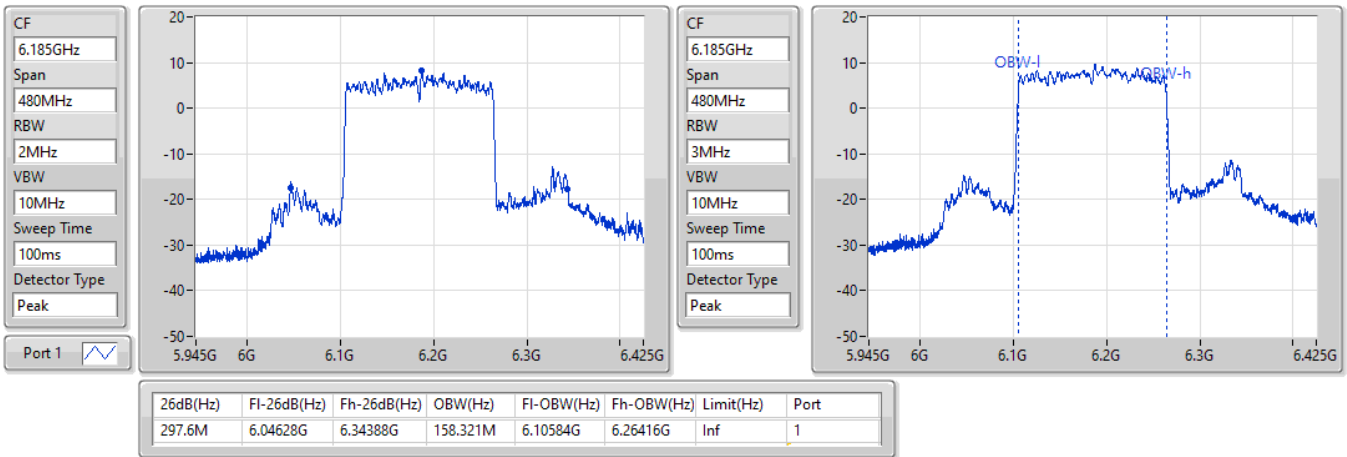

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6025MHz

13/06/2022

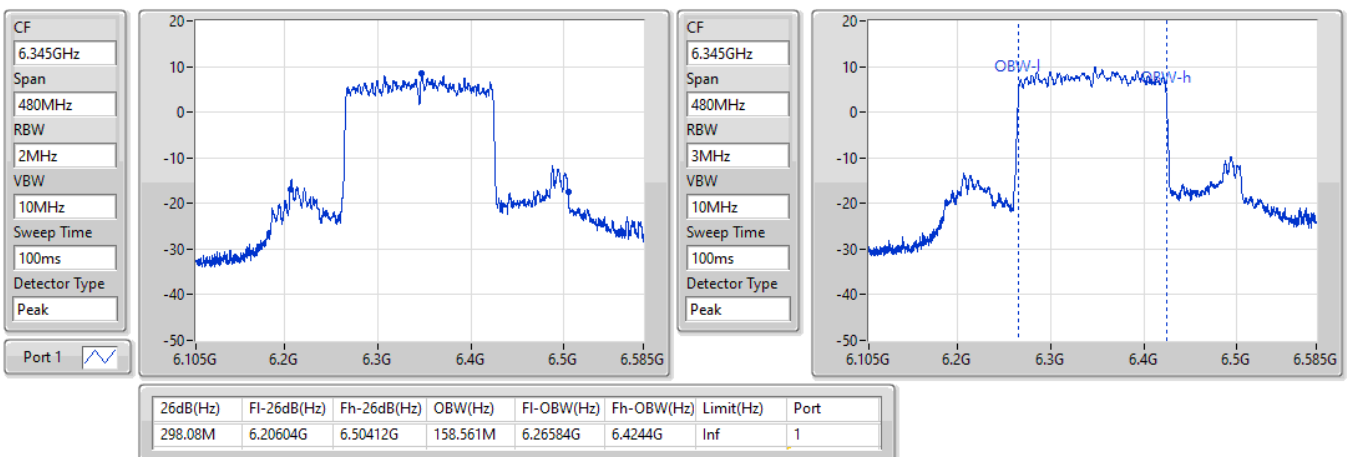


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6185MHz

13/06/2022

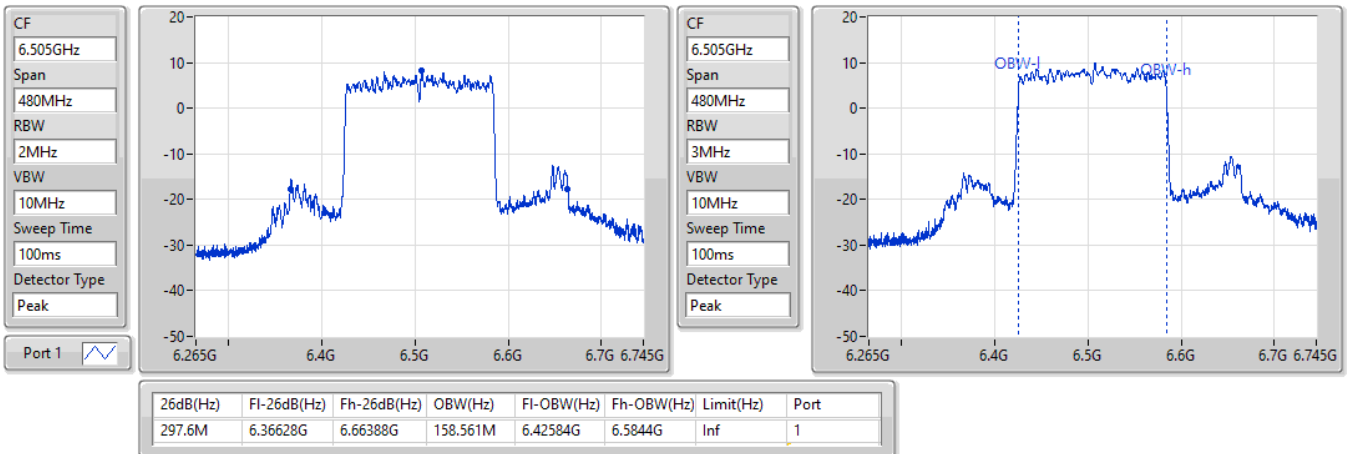

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6345MHz

13/06/2022

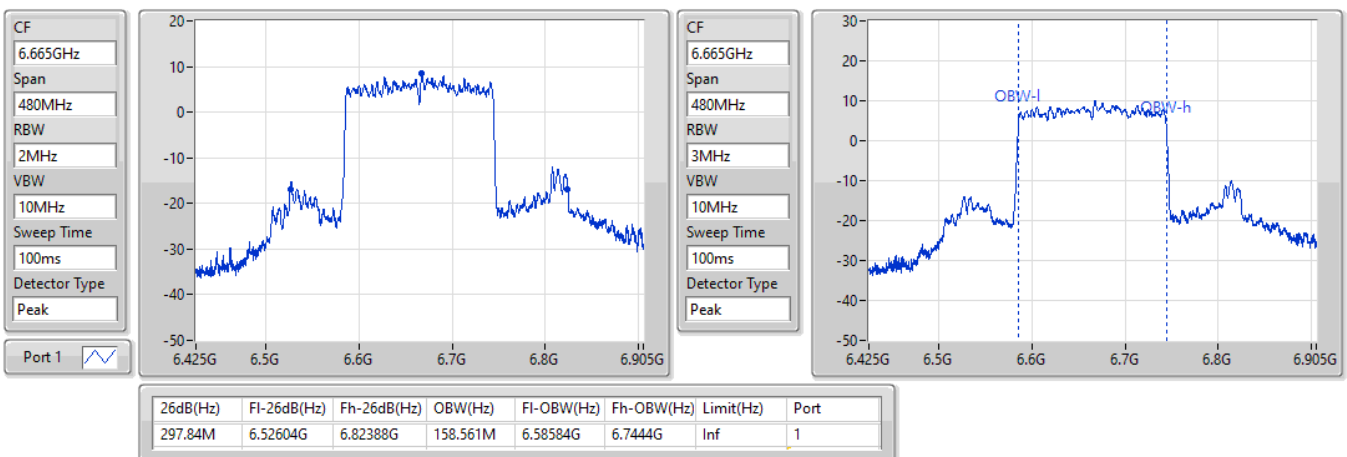


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6505MHz Straddle 6.425-6.525GHz

13/06/2022

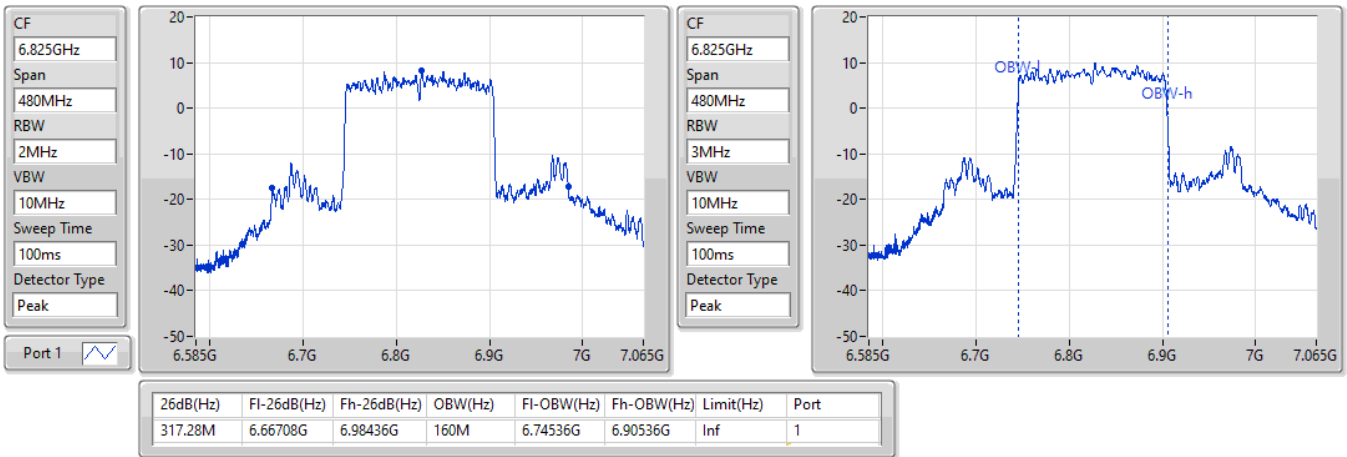

802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6665MHz

13/06/2022

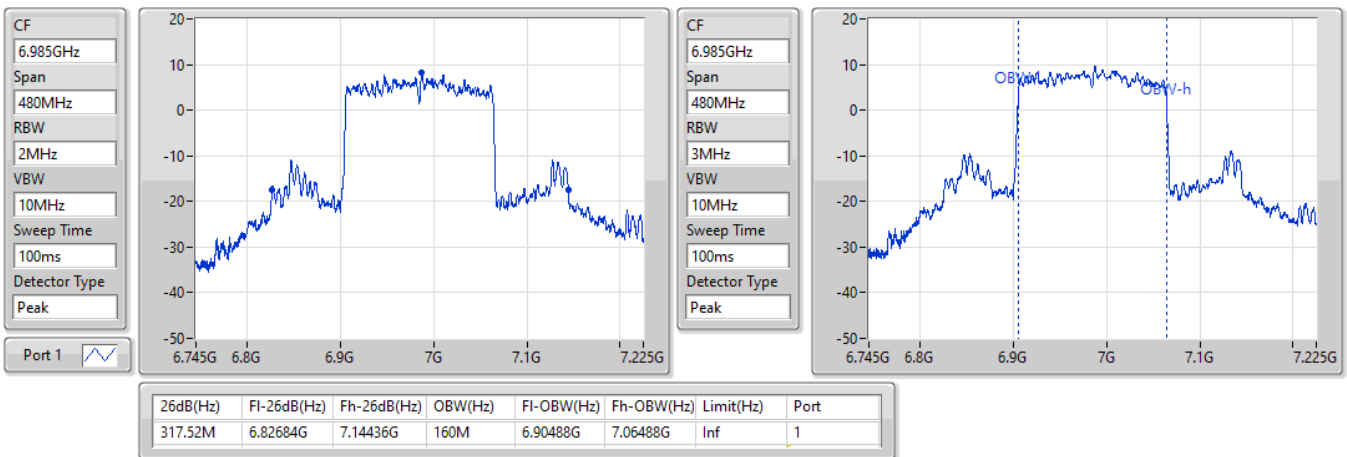


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6825MHz Straddle 6.525-6.875GHz

13/06/2022


802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
6985MHz

13/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.921M	18M9D1D	20.49M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.021M	38M0D1D	40.02M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	80.88M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.2M	157.361M	157MD1D	162.96M	156.882M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.891M	18M9D1D	20.52M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.021M	38M0D1D	40.2M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	81M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.2M	157.361M	157MD1D	162.96M	157.121M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.921M	18M9D1D	20.46M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.081M	38M1D1D	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.961M	78M0D1D	80.88M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.44M	157.361M	157MD1D	162.96M	157.121M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.64M	18.921M	18M9D1D	20.49M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.38M	38.081M	38M1D1D	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	80.88M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.44M	157.361M	157MD1D	163.2M	157.121M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.49M	18.891M	20.58M	18.891M
6195MHz	Pass	Inf	20.58M	18.921M	20.61M	18.891M
6415MHz	Pass	Inf	20.58M	18.891M	20.55M	18.891M
6435MHz	Pass	Inf	20.61M	18.891M	20.61M	18.891M
6475MHz	Pass	Inf	20.52M	18.891M	20.55M	18.891M
6515MHz	Pass	Inf	20.61M	18.891M	20.58M	18.891M
6535MHz	Pass	Inf	20.55M	18.891M	20.58M	18.891M
6695MHz	Pass	Inf	20.55M	18.891M	20.61M	18.891M
6855MHz	Pass	Inf	20.58M	18.891M	20.58M	18.891M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.46M	18.921M	20.58M	18.891M
6875MHz Straddle 6.875-7.125GHz						
6895MHz	Pass	Inf	20.49M	18.891M	20.58M	18.891M
6995MHz	Pass	Inf	20.61M	18.921M	20.55M	18.891M
7095MHz	Pass	Inf	20.49M	18.891M	20.49M	18.891M
7115MHz	Pass	Inf	20.64M	18.921M	20.58M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.26M	38.021M	40.2M	38.021M
6205MHz	Pass	Inf	40.02M	38.021M	40.26M	38.021M
6405MHz	Pass	Inf	40.26M	37.961M	40.32M	38.021M
6445MHz	Pass	Inf	40.2M	38.021M	40.26M	38.021M
6485MHz	Pass	Inf	40.32M	37.961M	40.32M	38.021M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.32M	38.021M	40.26M	37.961M
6525MHz Straddle 6.525-6.875GHz						
6565MHz	Pass	Inf	40.32M	38.021M	40.14M	37.961M
6685MHz	Pass	Inf	40.26M	38.021M	40.32M	38.081M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.14M	37.961M	40.14M	38.021M
6885MHz Straddle 6.875-7.125GHz						
6925MHz	Pass	Inf	40.38M	38.081M	40.2M	38.021M
7005MHz	Pass	Inf	40.2M	38.021M	40.2M	37.961M
7085MHz	Pass	Inf	40.2M	38.081M	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.12M	77.841M	80.88M	77.841M
6225MHz	Pass	Inf	81M	77.841M	80.88M	77.841M
6385MHz	Pass	Inf	81.12M	77.841M	80.88M	77.841M
6465MHz	Pass	Inf	81.12M	77.841M	81.12M	77.841M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.12M	77.841M	81M	77.841M
6545MHz Straddle 6.525-6.875GHz						
6625MHz	Pass	Inf	81.12M	77.961M	80.88M	77.841M
6705MHz	Pass	Inf	81.12M	77.841M	81.12M	77.961M
6785MHz	Pass	Inf	81M	77.841M	81.12M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	80.88M	77.721M	81.12M	77.841M
6865MHz Straddle 6.875-7.125GHz						
6945MHz	Pass	Inf	81M	77.841M	81.12M	77.841M
7025MHz	Pass	Inf	80.88M	77.841M	81M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6025MHz	Pass	Inf	163.2M	157.361M	163.2M	157.121M
6185MHz	Pass	Inf	162.96M	157.121M	162.96M	156.882M
6345MHz	Pass	Inf	163.2M	157.121M	162.96M	156.882M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	162.96M	157.361M	163.2M	157.121M
6505MHz Straddle 6.525-6.875GHz						
6665MHz	Pass	Inf	163.2M	157.361M	163.2M	157.361M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	162.96M	157.121M	163.44M	157.361M
6825MHz Straddle 6.875-7.125GHz						
6985MHz	Pass	Inf	163.44M	157.121M	163.2M	157.361M

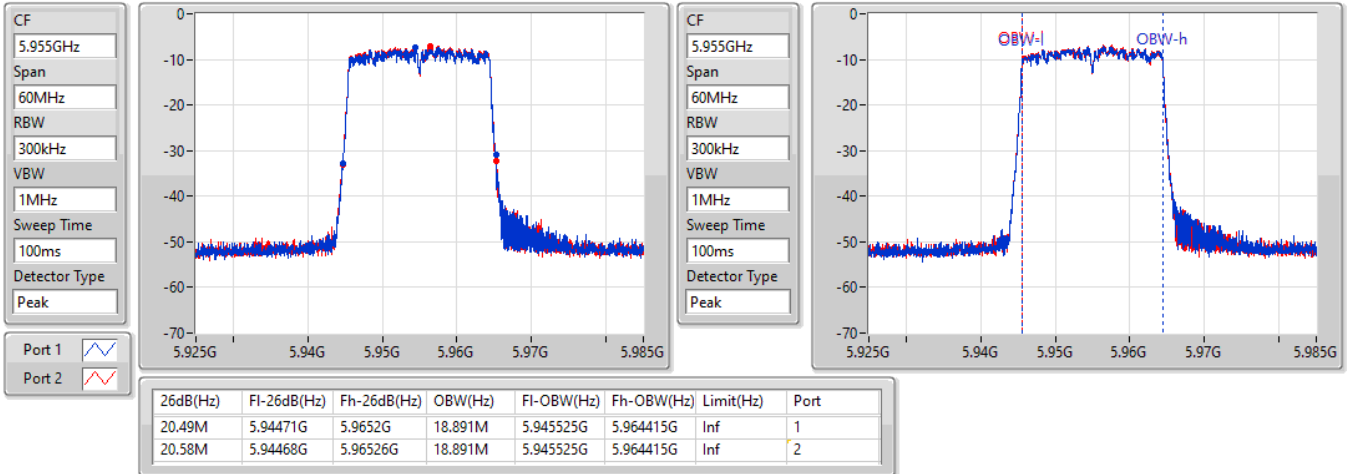
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5955MHz

15/06/2022

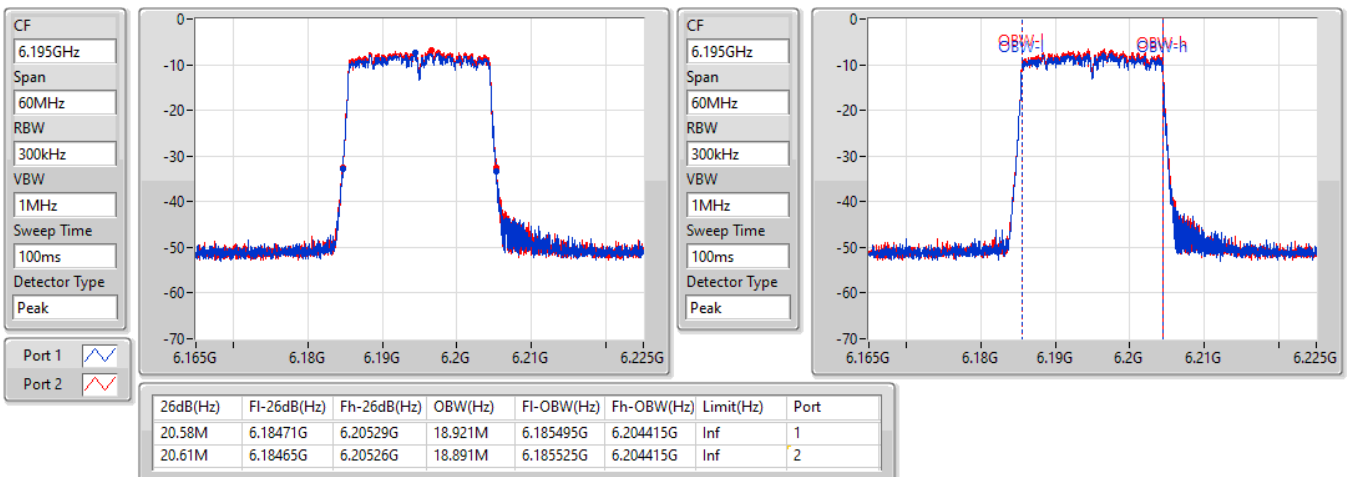


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6195MHz

15/06/2022

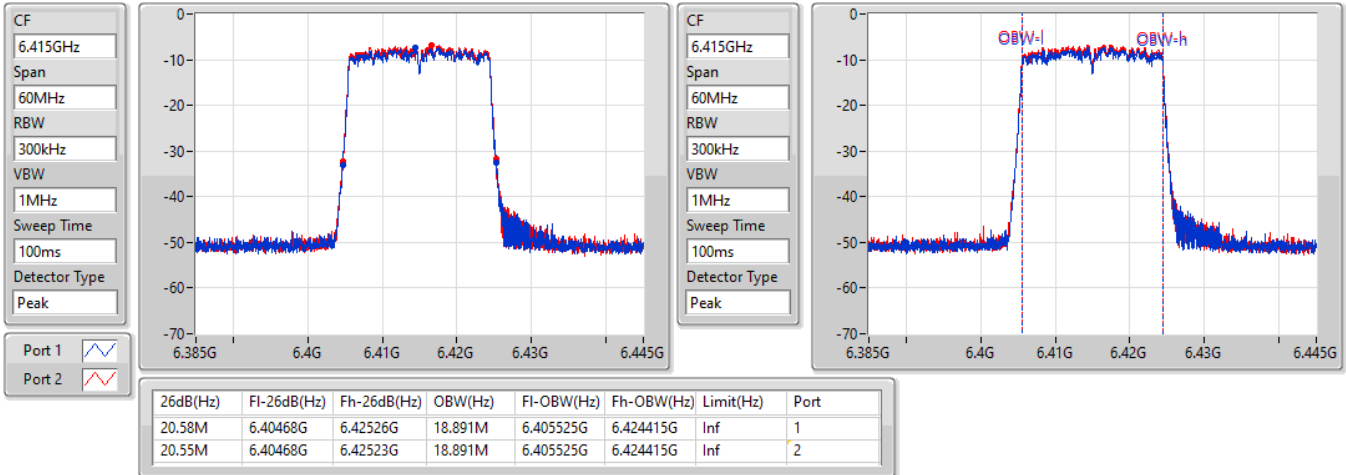


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6415MHz

15/06/2022

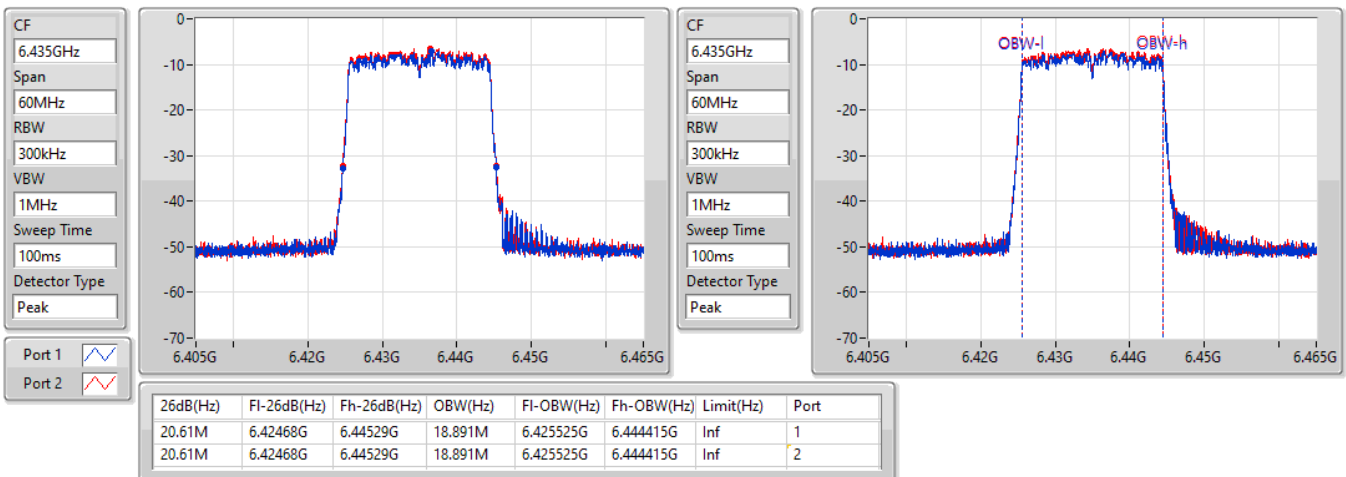


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

15/06/2022

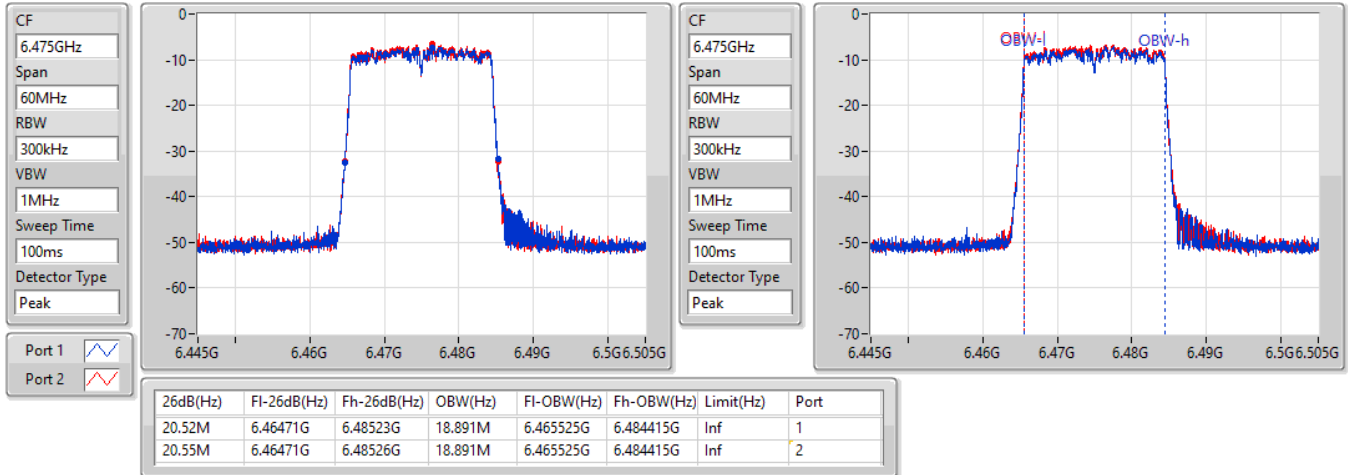


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6475MHz

15/06/2022

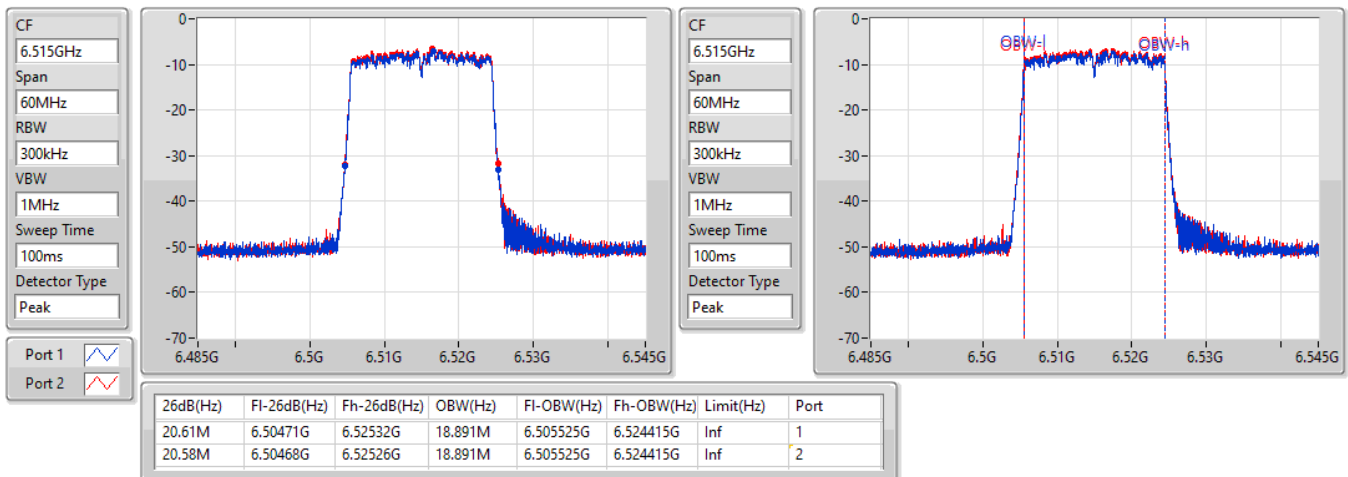


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6515MHz

15/06/2022

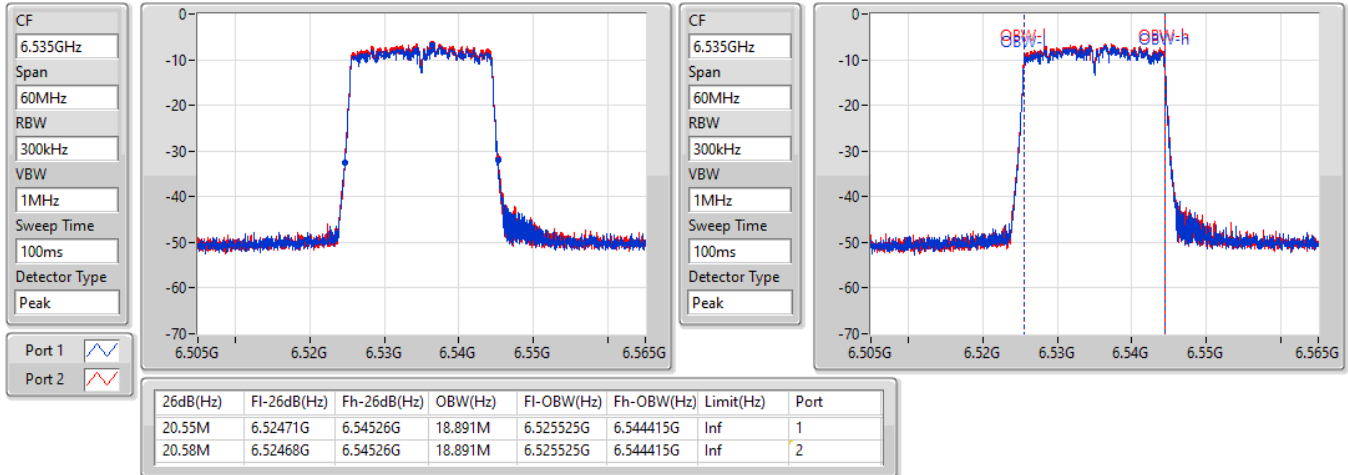


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6535MHz

15/06/2022

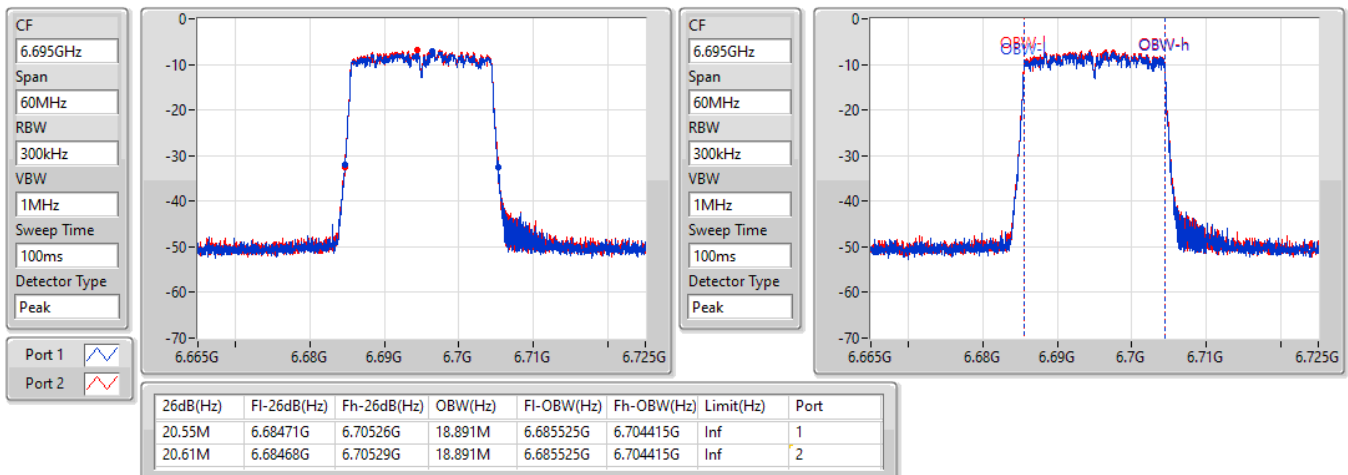


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6695MHz

15/06/2022

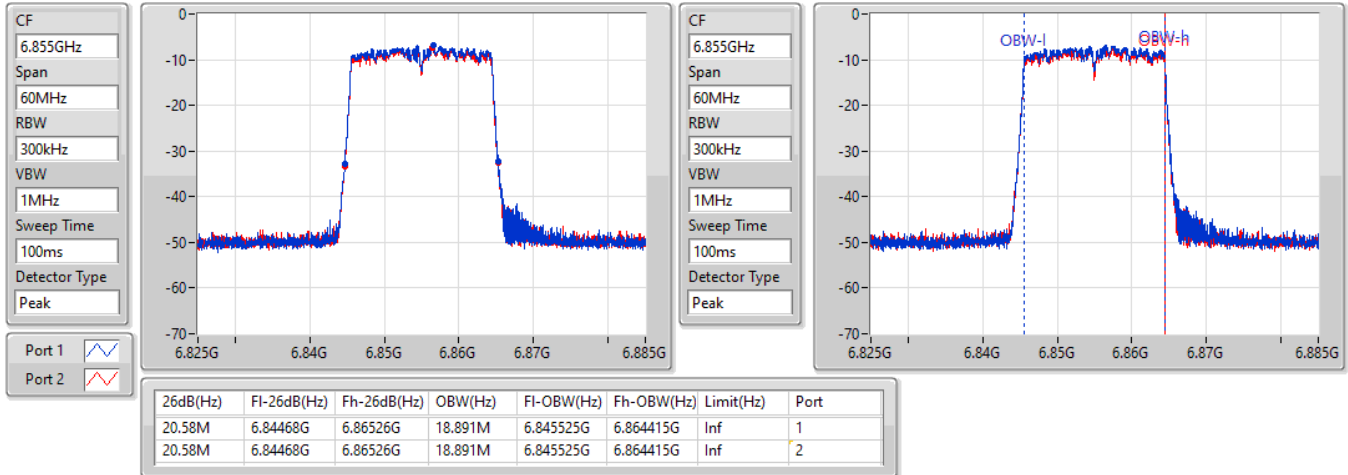


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6855MHz

15/06/2022

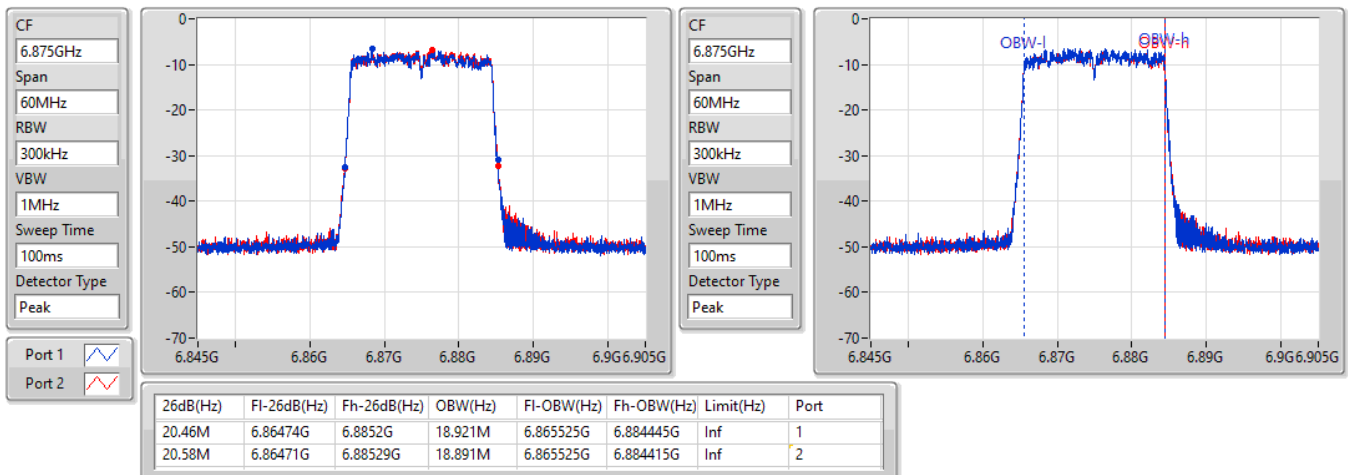


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.825-6.875GHz

15/06/2022

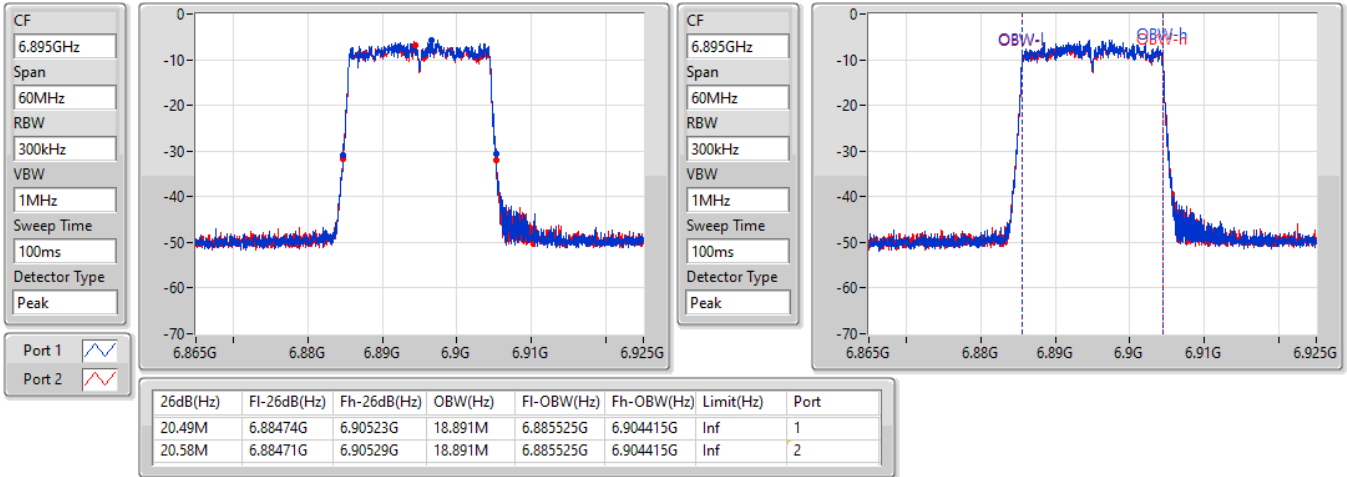


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6895MHz

15/06/2022

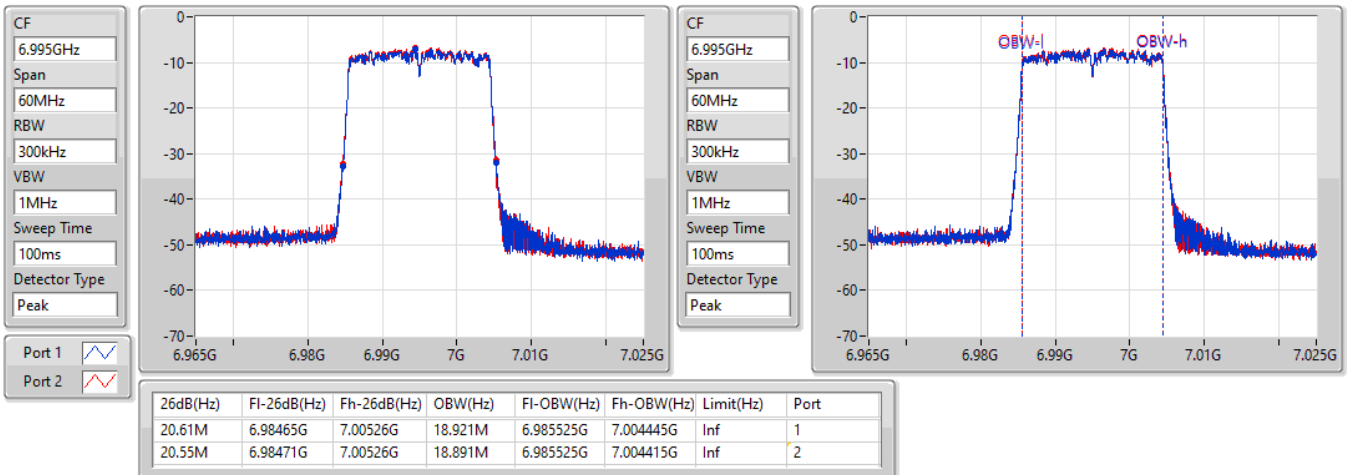


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6995MHz

15/06/2022

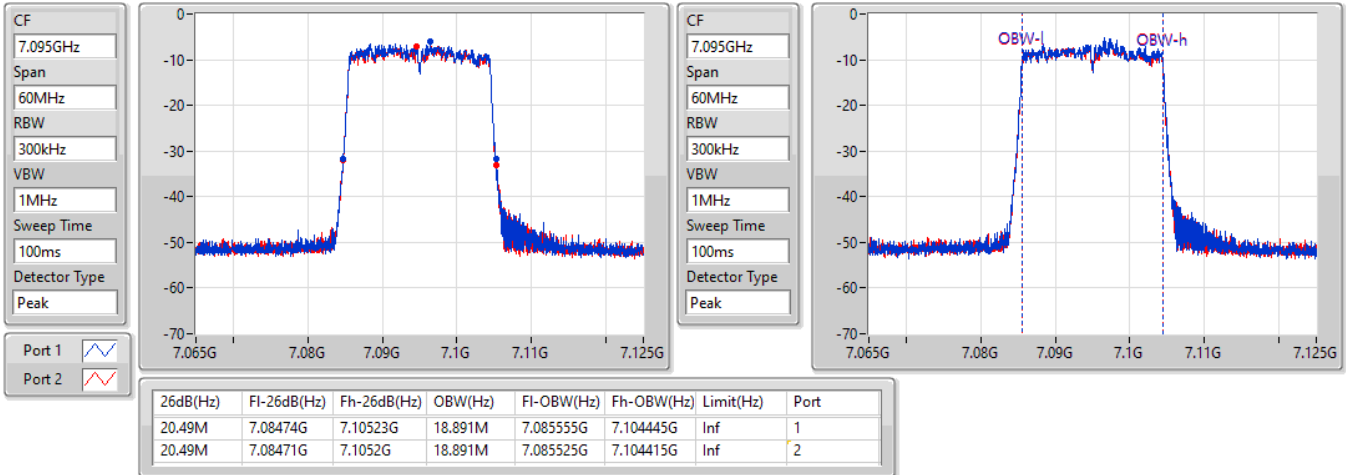


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

7095MHz

15/06/2022

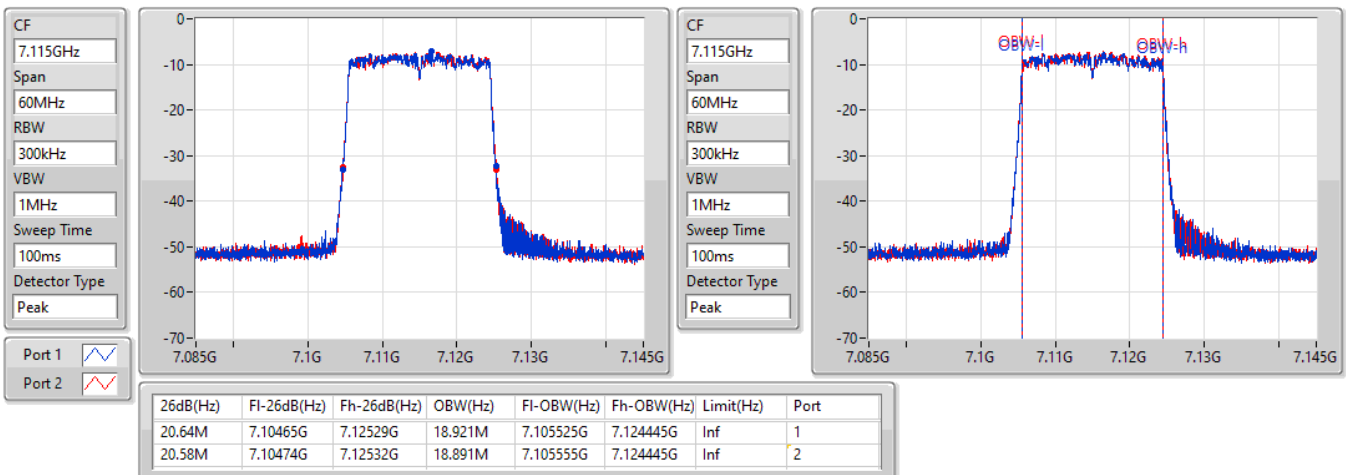


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

7115MHz

15/06/2022

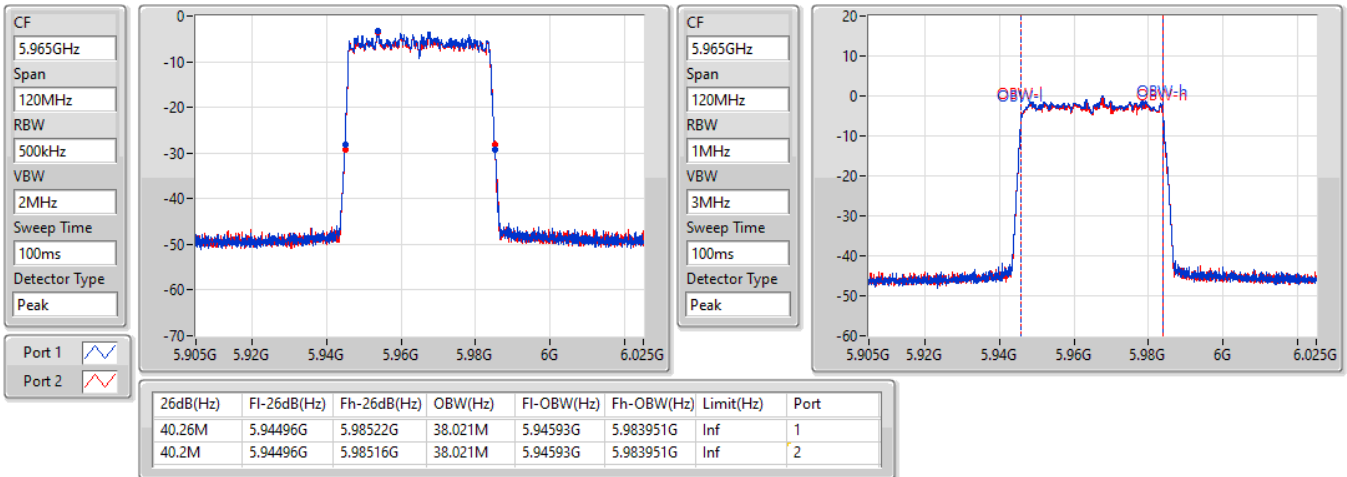


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5965MHz

15/06/2022

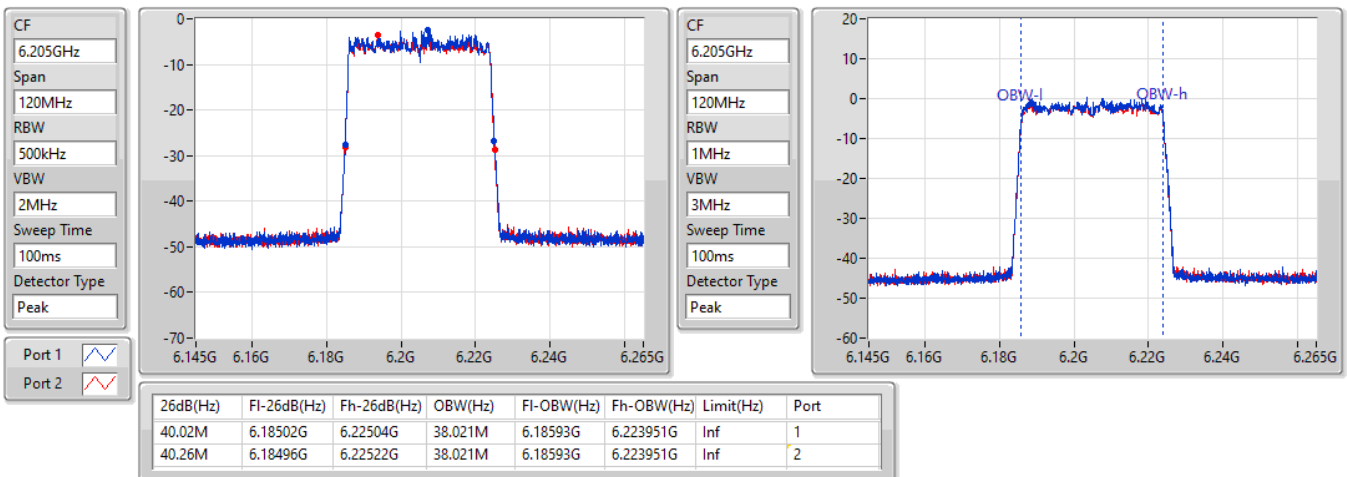


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

15/06/2022

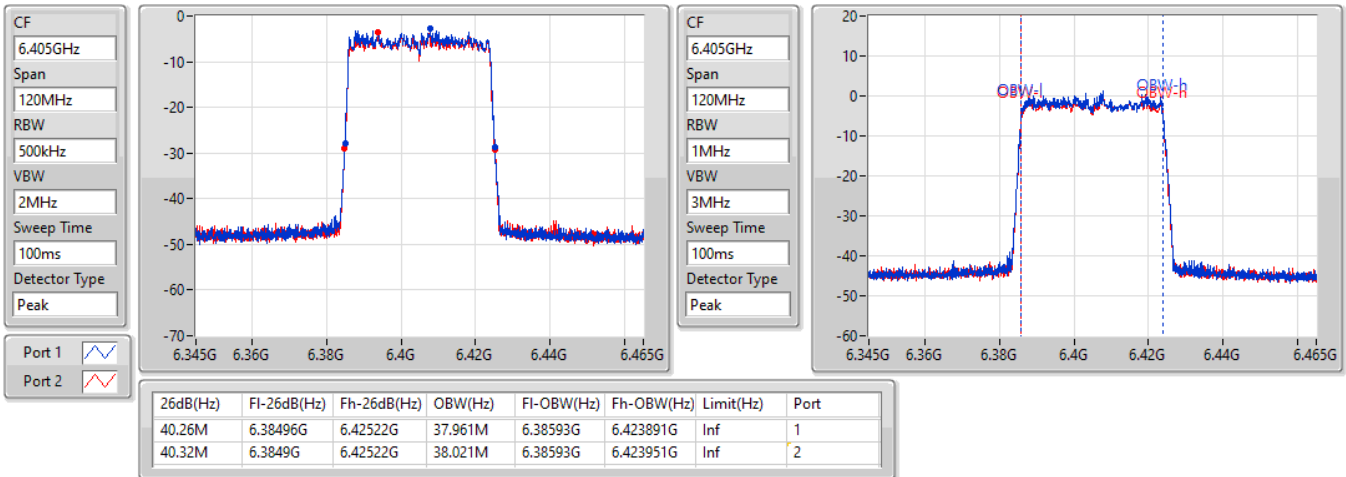


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6405MHz

15/06/2022

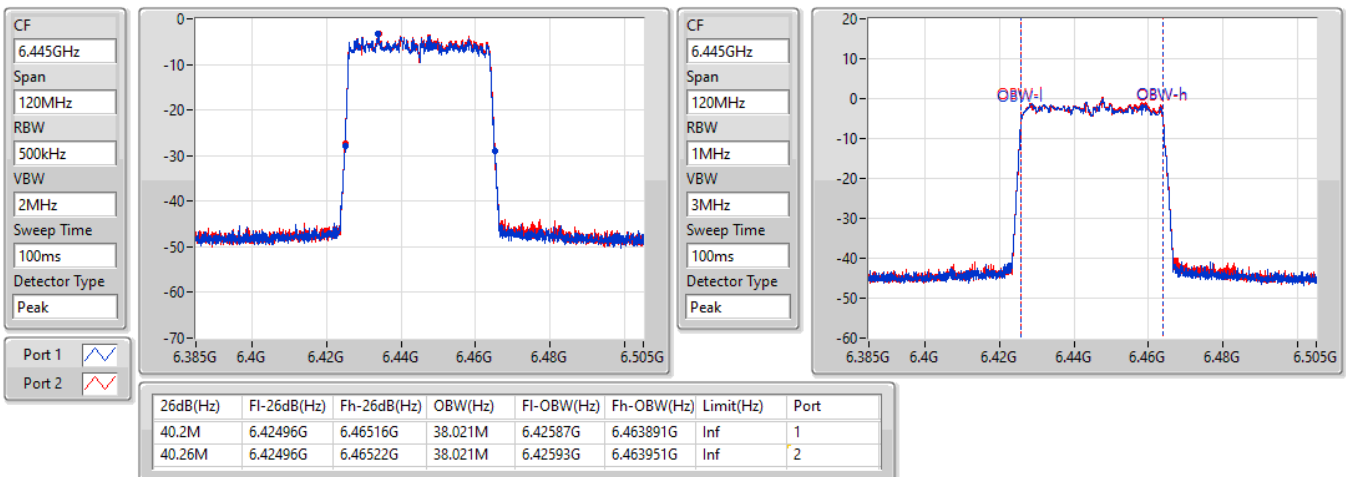


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6445MHz

15/06/2022

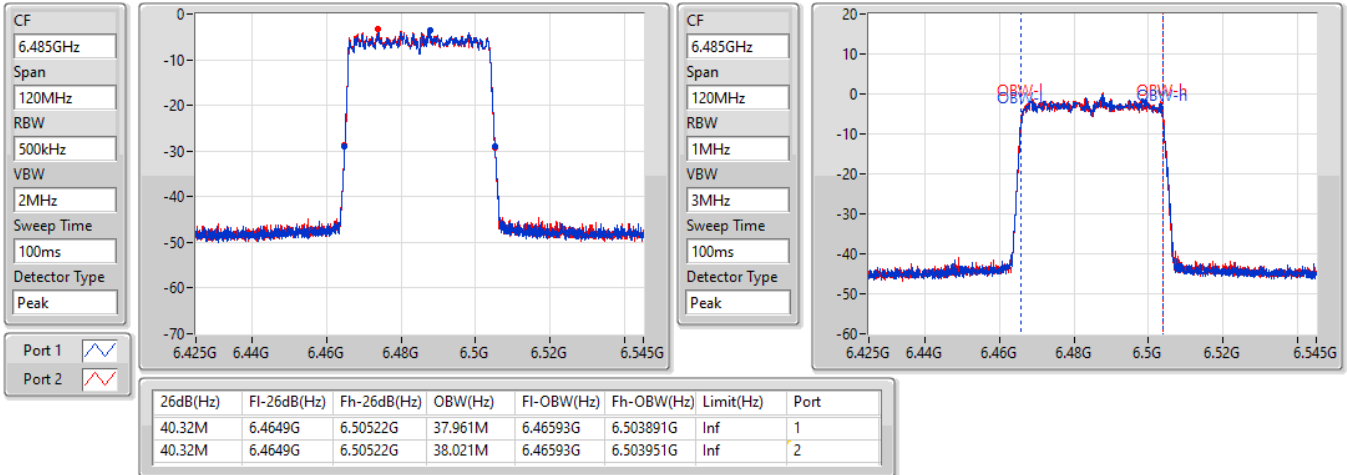


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6485MHz

15/06/2022

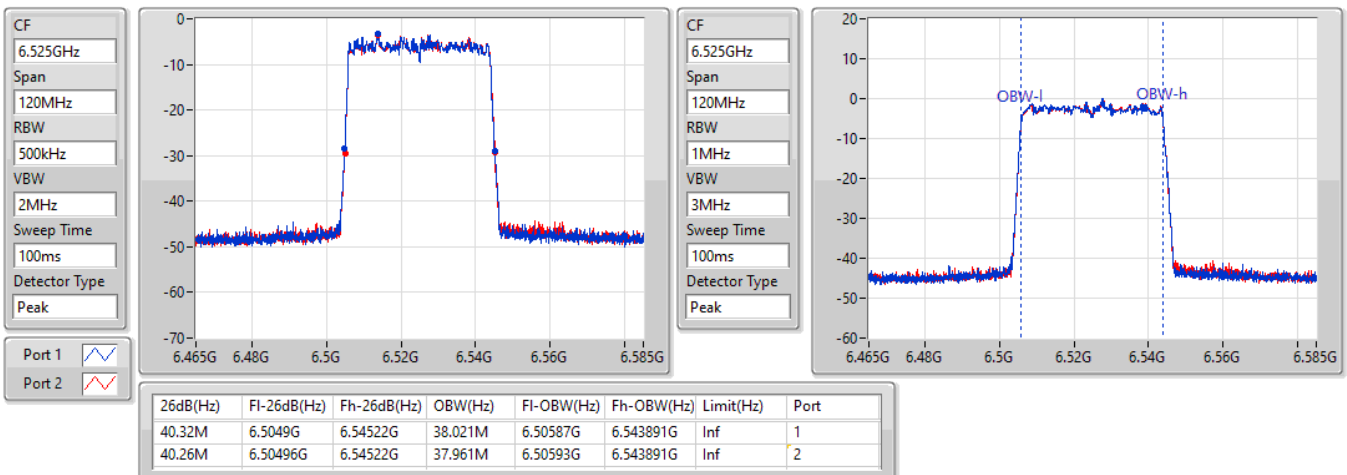


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6525MHz Straddle 6.425-6.525GHz

15/06/2022

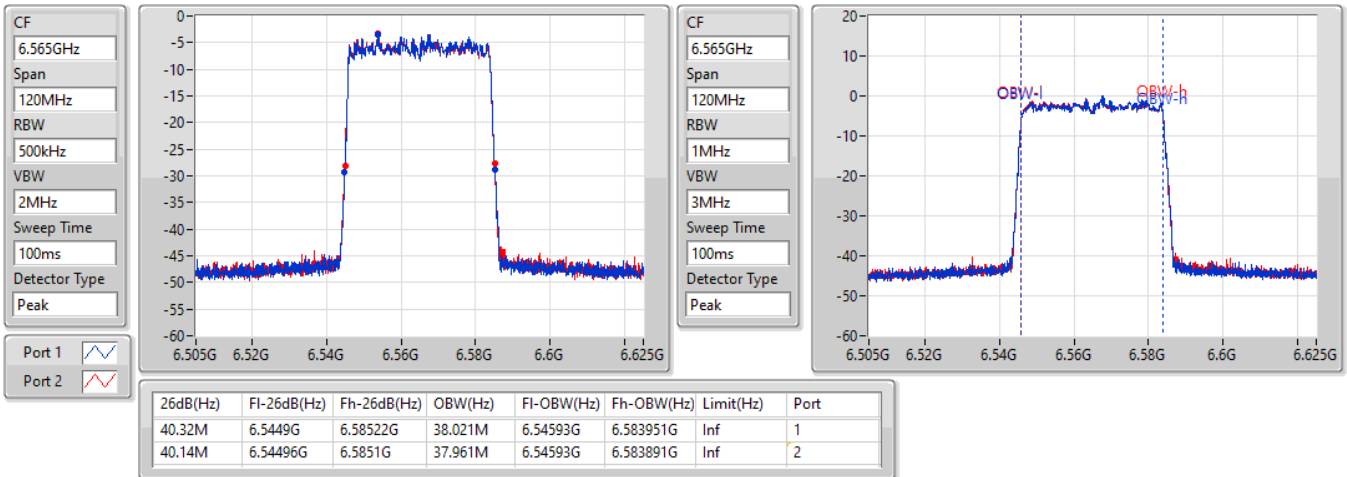


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6565MHz

15/06/2022

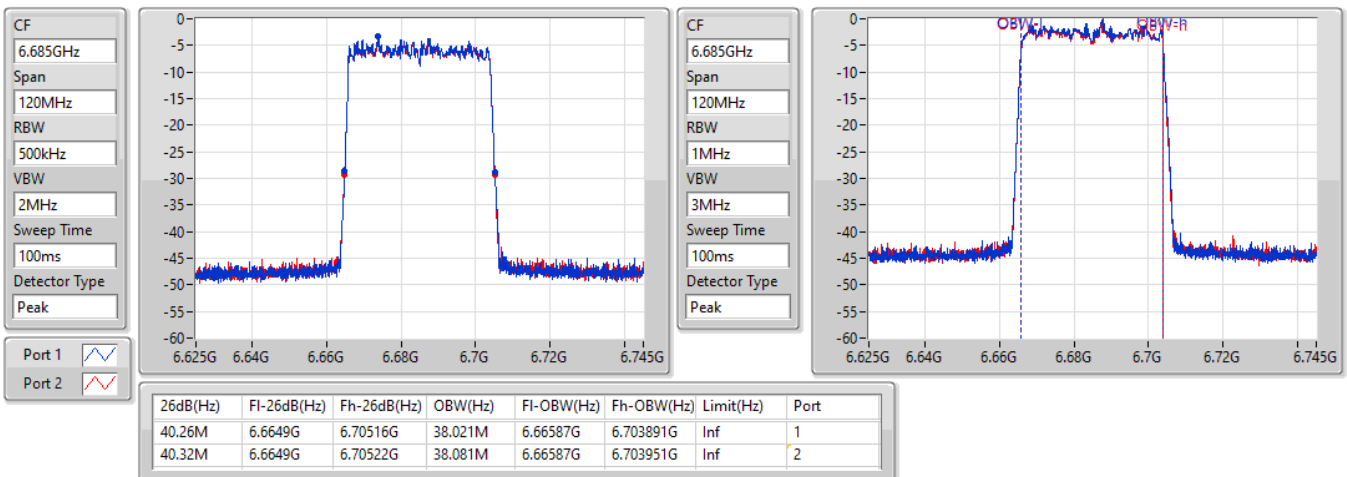


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6685MHz

15/06/2022

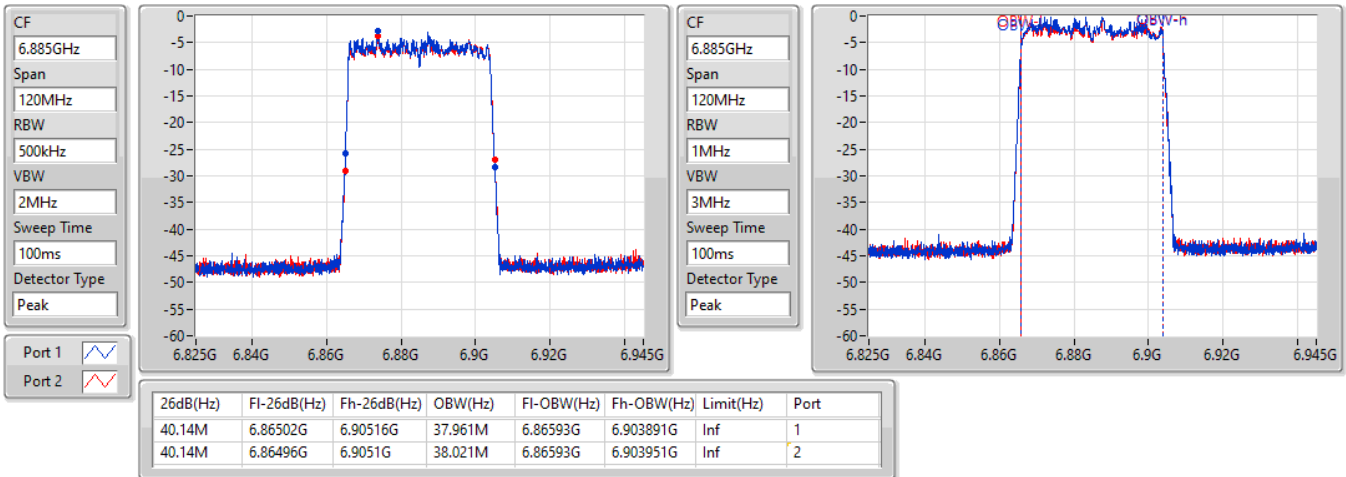


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz Straddle 6.525-6.875GHz

15/06/2022

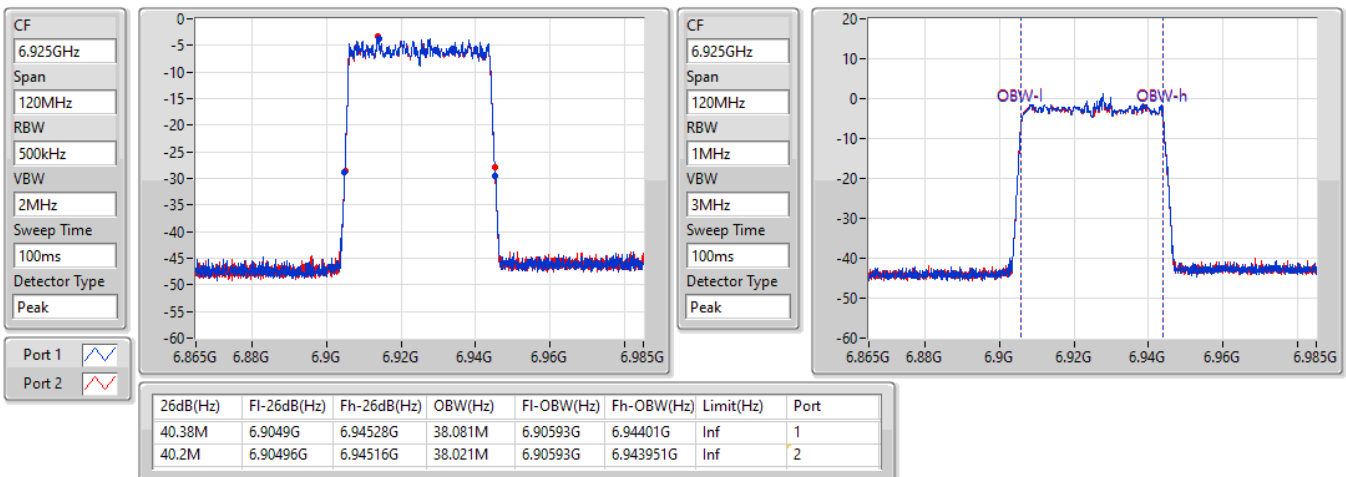


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6925MHz

15/06/2022

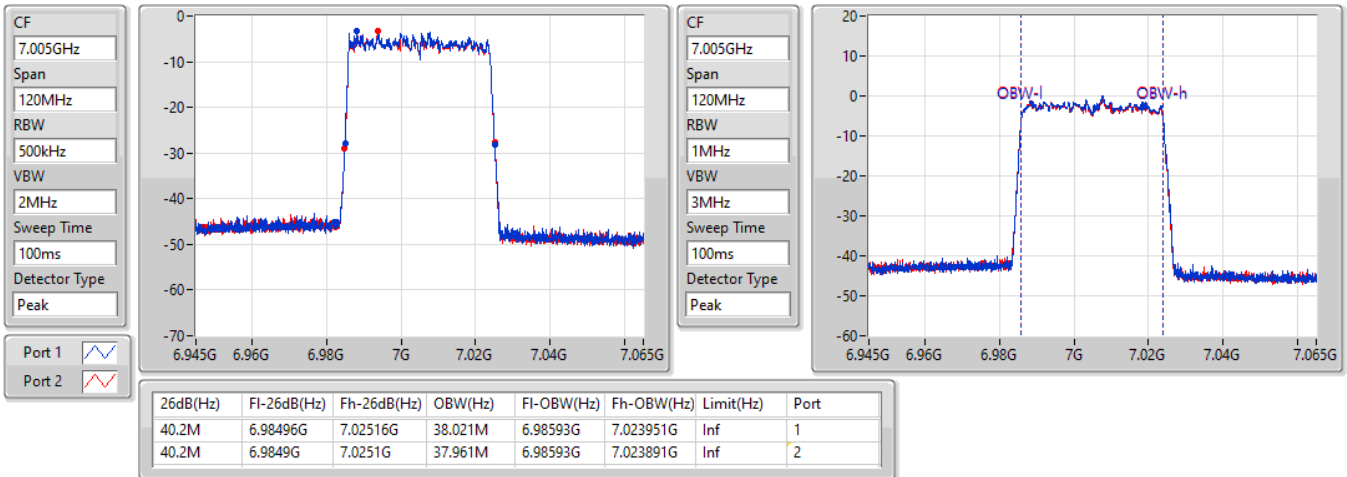


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

7005MHz

15/06/2022

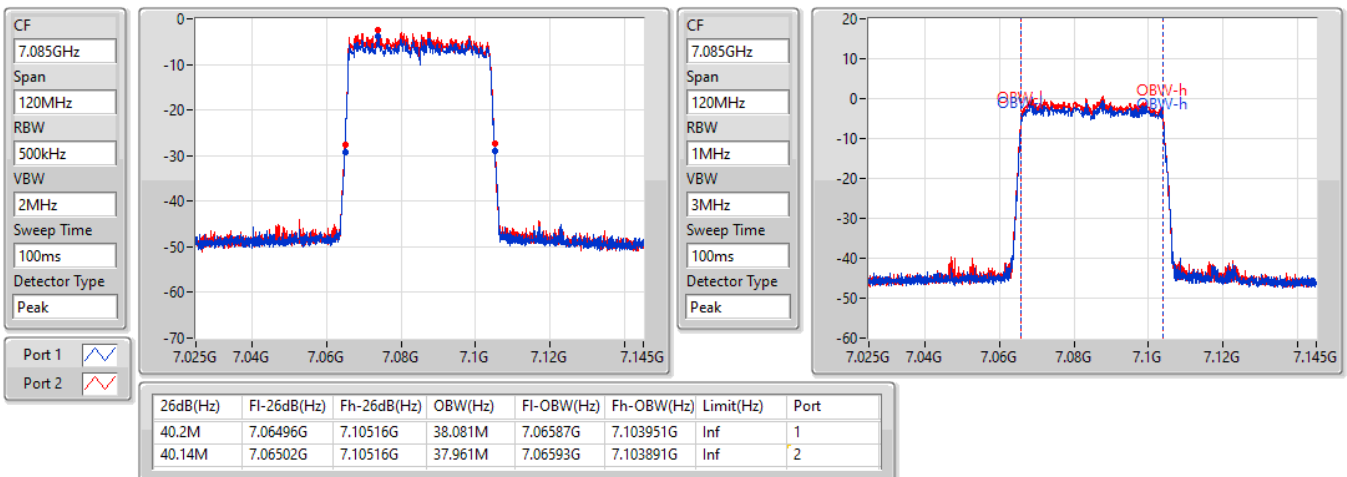


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

7085MHz

15/06/2022

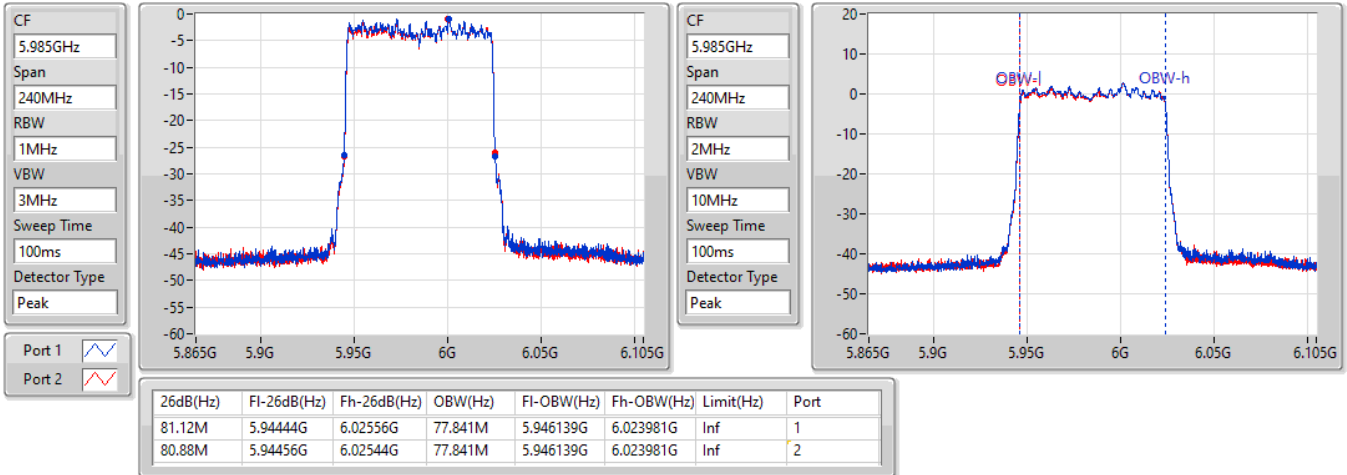


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

16/06/2022

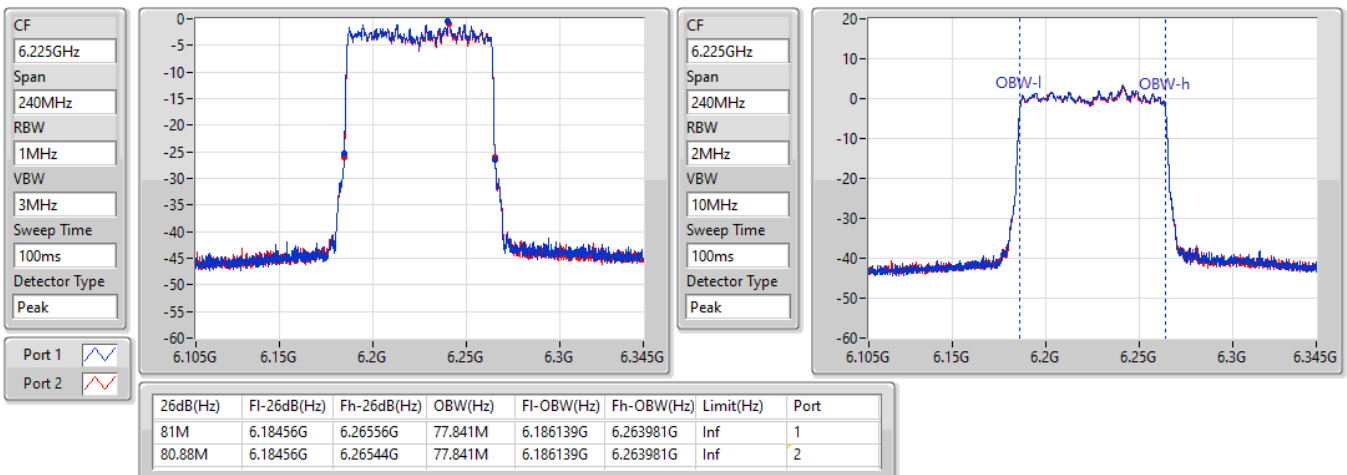


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6225MHz

16/06/2022

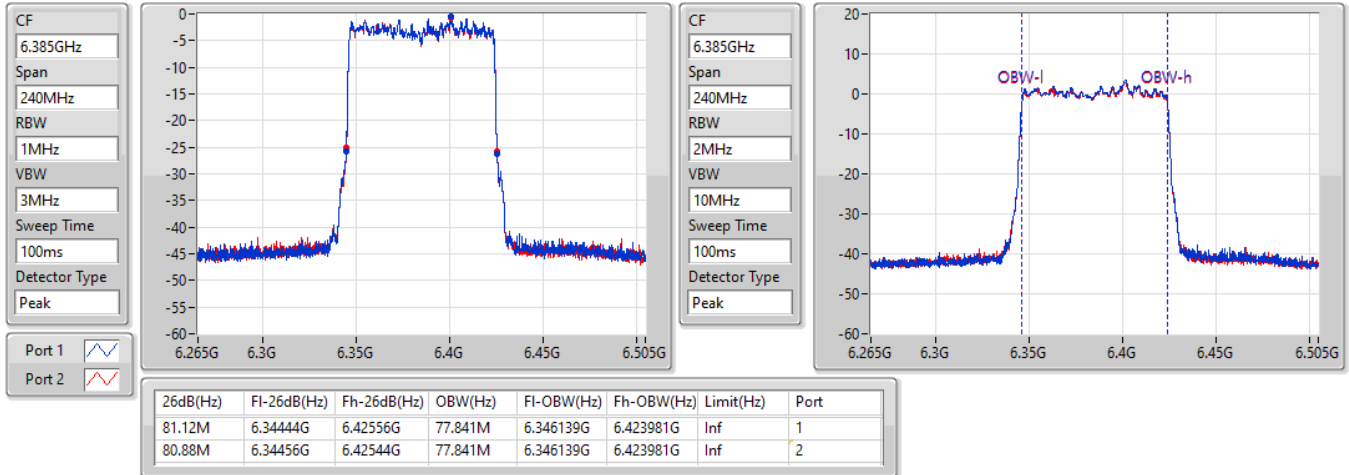


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6385MHz

16/06/2022

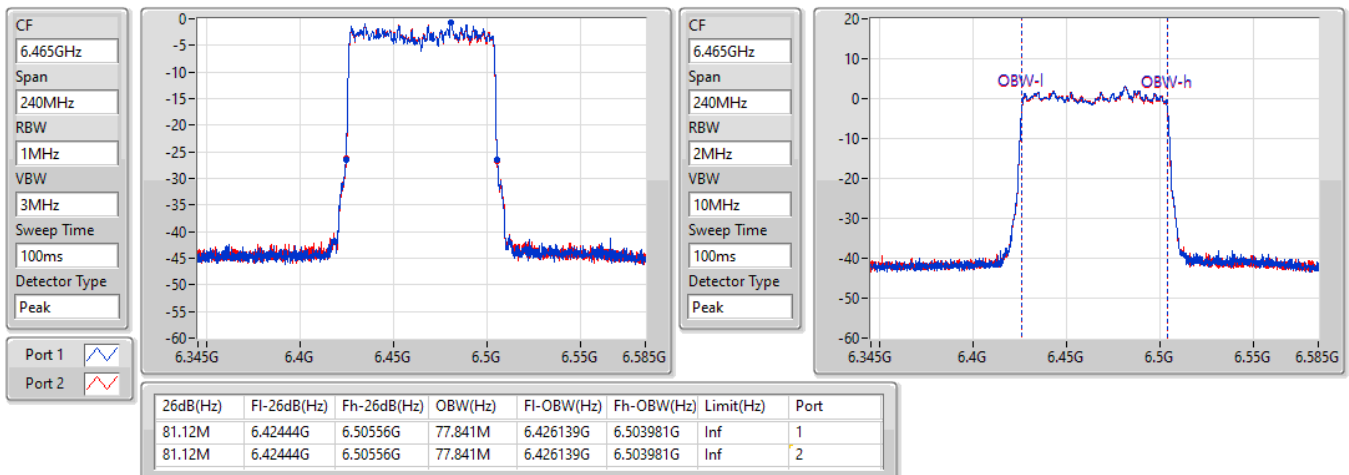


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6465MHz

16/06/2022

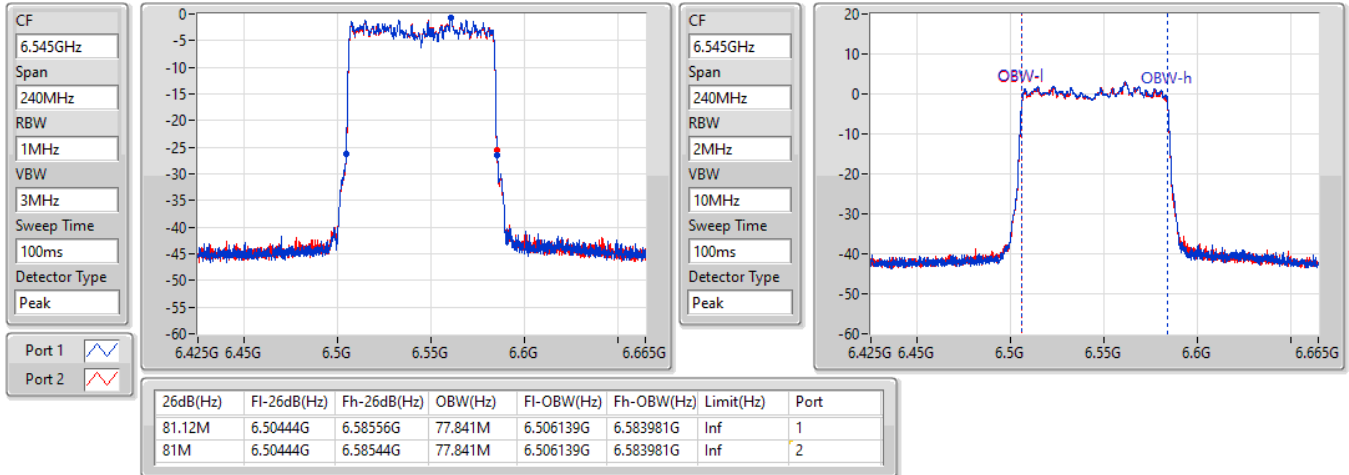


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6545MHz Straddle 6.425-6.525GHz

16/06/2022

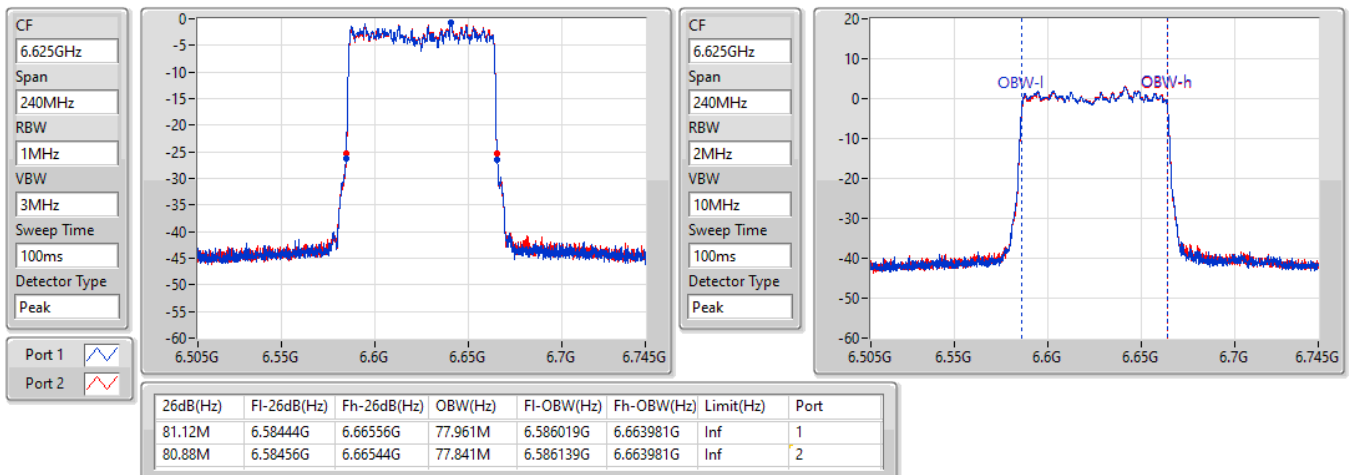


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

16/06/2022

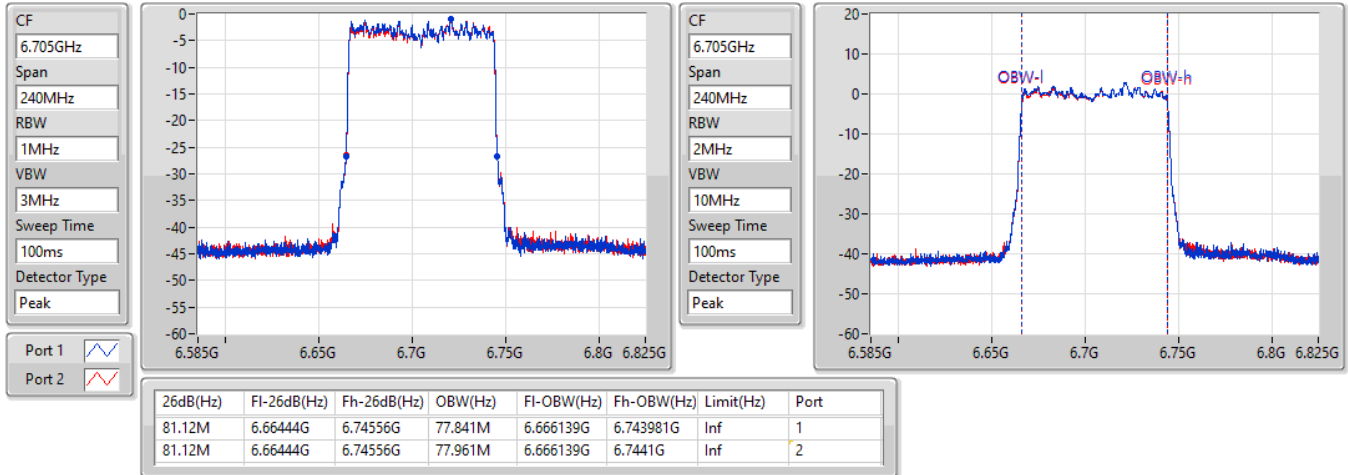


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6705MHz

16/06/2022

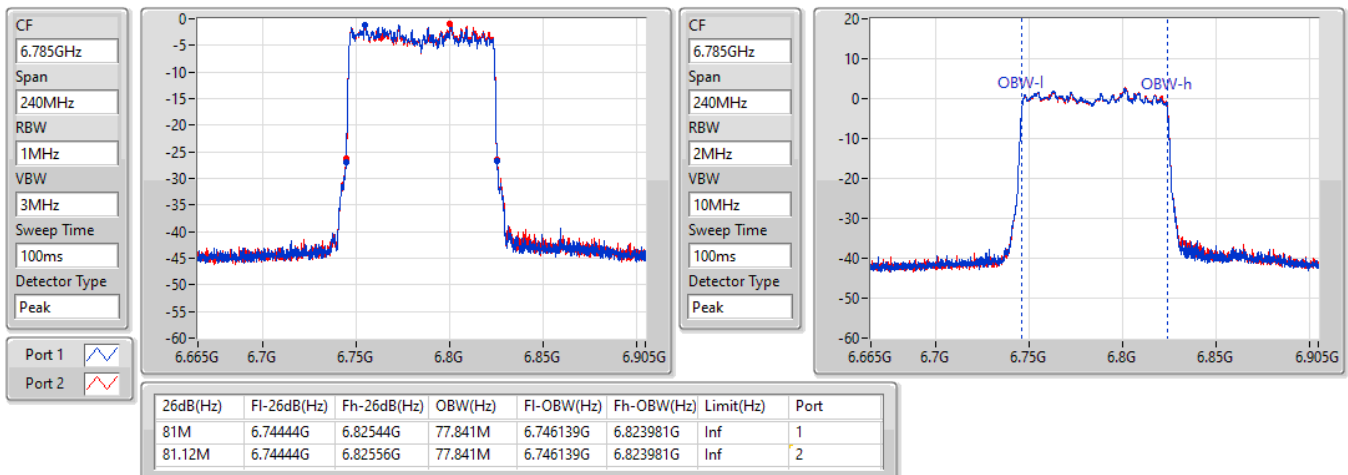


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6785MHz

16/06/2022

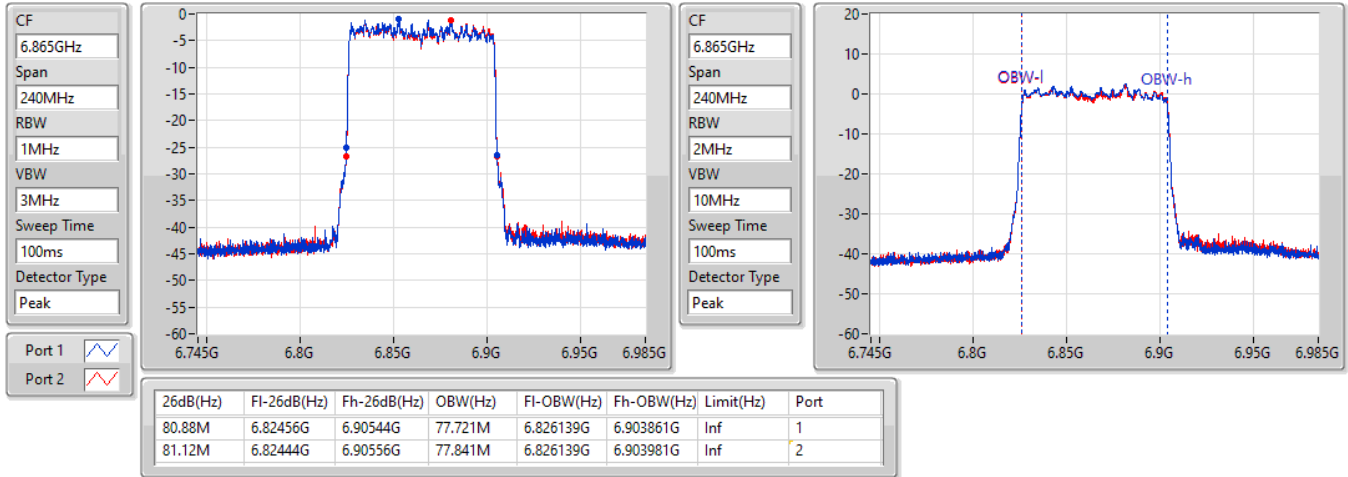


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6865MHz Straddle 6.525-6.875GHz

16/06/2022

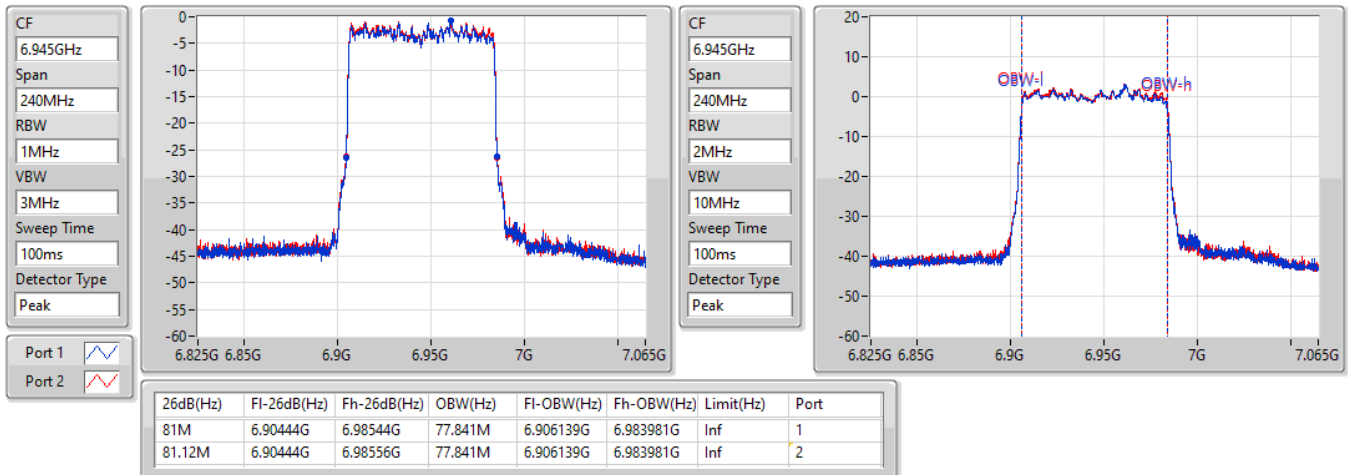


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6945MHz

16/06/2022

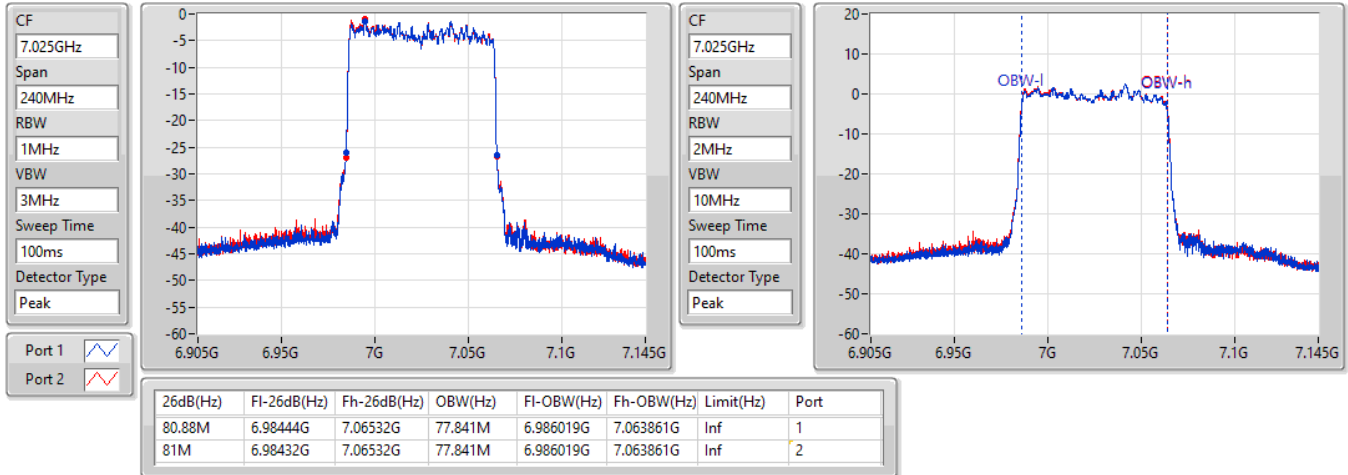


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

16/06/2022

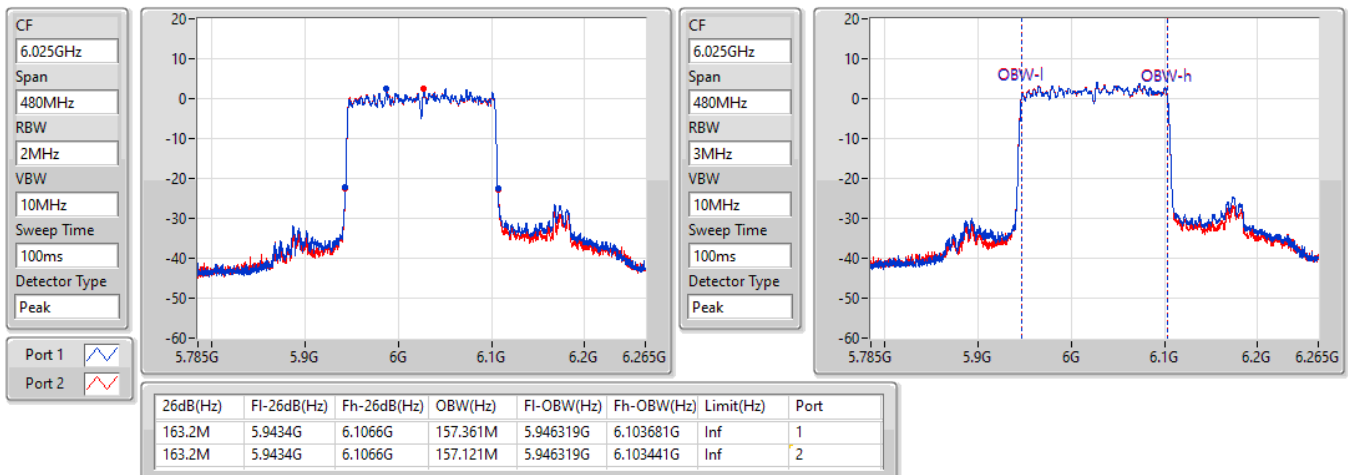


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6025MHz

17/06/2022

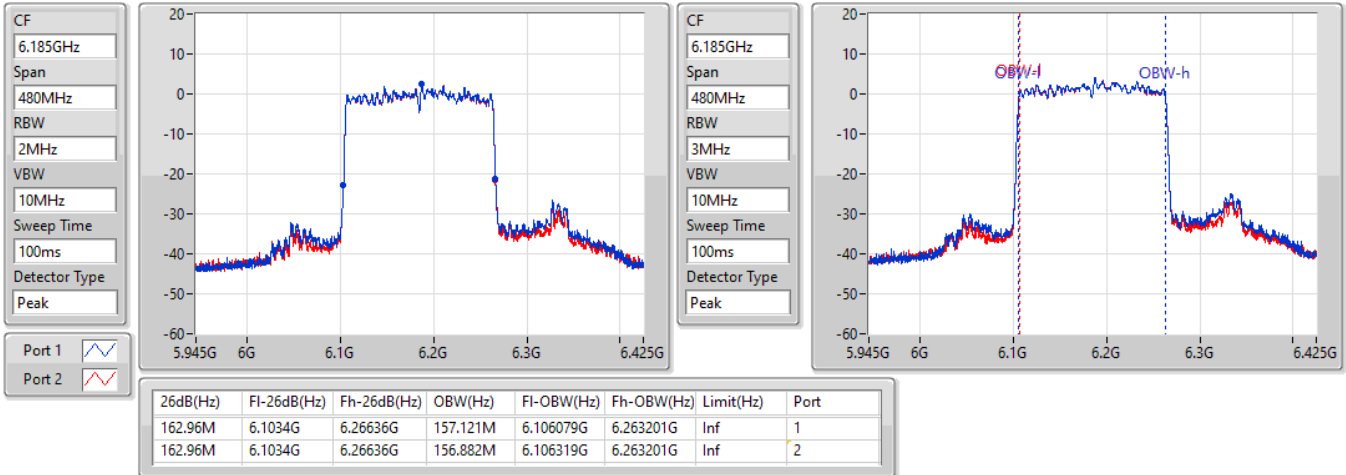


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

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17/06/2022

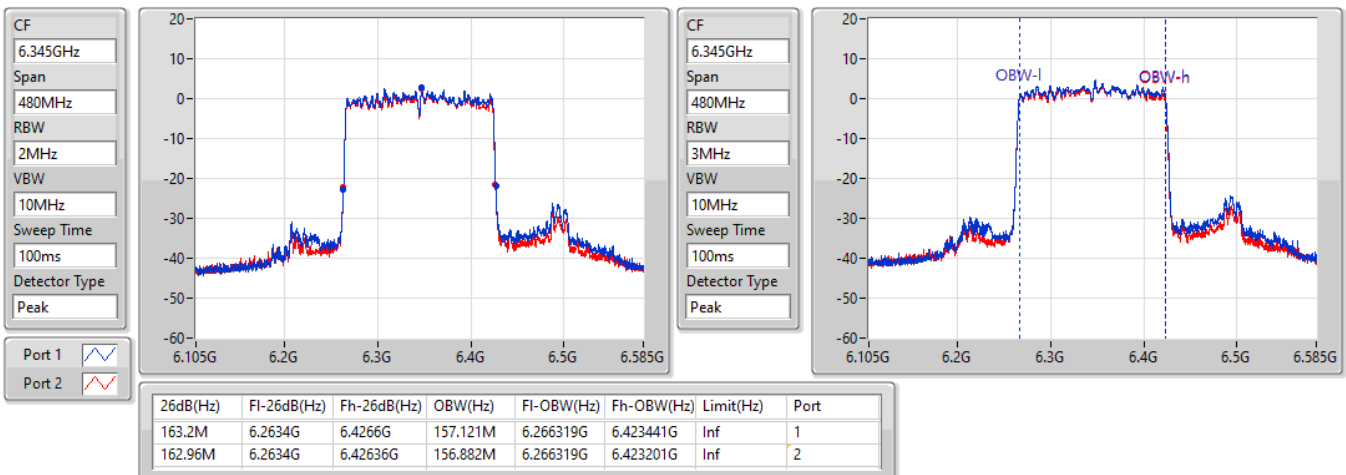


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6345MHz

17/06/2022

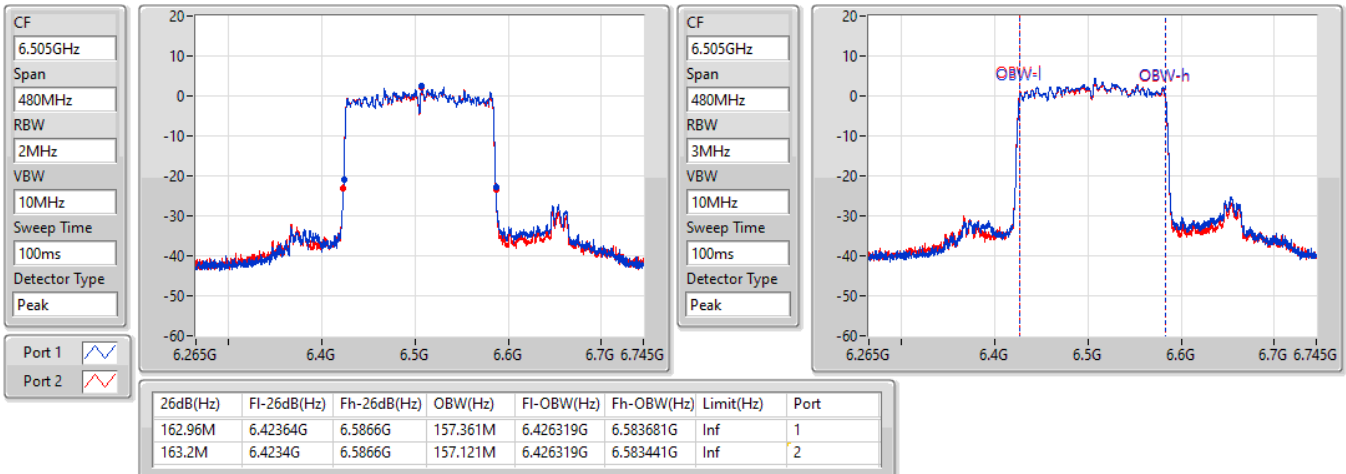


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6505MHz Straddle 6.425-6.525GHz

17/06/2022

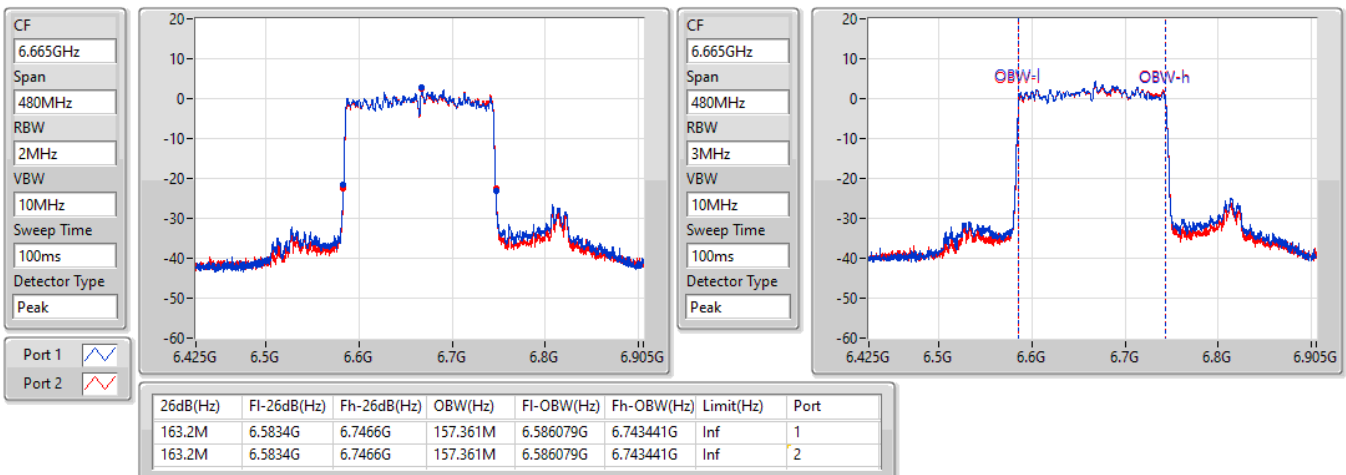


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

17/06/2022

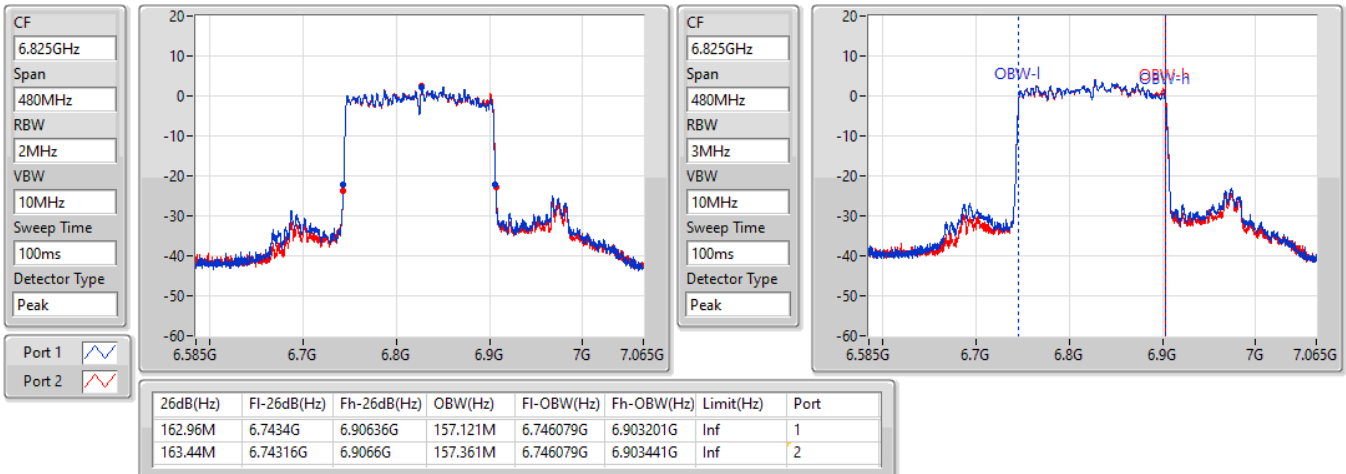


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz Straddle 6.525-6.875GHz

17/06/2022

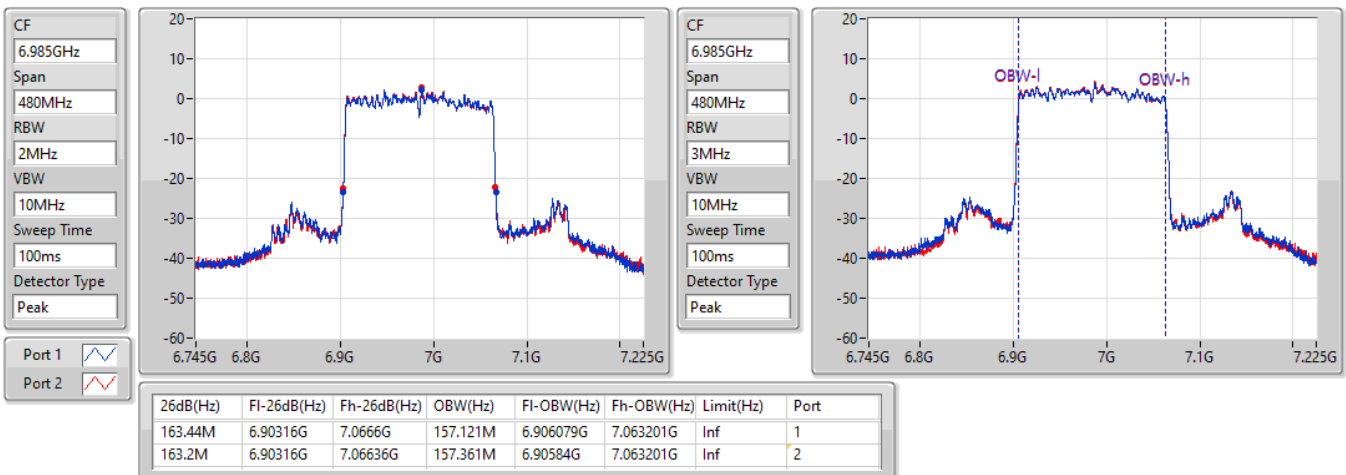


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6985MHz

17/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.921M	18M9D1D	20.49M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.021M	38M0D1D	40.02M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	80.88M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.2M	157.361M	157MD1D	162.96M	156.882M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.891M	18M9D1D	20.52M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.021M	38M0D1D	40.2M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	81M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.2M	157.361M	157MD1D	162.96M	157.121M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.921M	18M9D1D	20.46M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.081M	38M1D1D	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.961M	78M0D1D	80.88M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.44M	157.361M	157MD1D	162.96M	157.121M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.64M	18.921M	18M9D1D	20.49M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.38M	38.081M	38M1D1D	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	80.88M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.44M	157.361M	157MD1D	163.2M	157.121M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.49M	18.891M	20.58M	18.891M
6195MHz	Pass	Inf	20.58M	18.921M	20.61M	18.891M
6415MHz	Pass	Inf	20.58M	18.891M	20.55M	18.891M
6435MHz	Pass	Inf	20.61M	18.891M	20.61M	18.891M
6475MHz	Pass	Inf	20.52M	18.891M	20.55M	18.891M
6515MHz	Pass	Inf	20.61M	18.891M	20.58M	18.891M
6535MHz	Pass	Inf	20.55M	18.891M	20.58M	18.891M
6695MHz	Pass	Inf	20.55M	18.891M	20.61M	18.891M
6855MHz	Pass	Inf	20.58M	18.891M	20.58M	18.891M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.46M	18.921M	20.58M	18.891M
6895MHz	Pass	Inf	20.49M	18.891M	20.58M	18.891M
6995MHz	Pass	Inf	20.61M	18.921M	20.55M	18.891M
7095MHz	Pass	Inf	20.49M	18.891M	20.49M	18.891M
7115MHz	Pass	Inf	20.64M	18.921M	20.58M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.26M	38.021M	40.2M	38.021M
6205MHz	Pass	Inf	40.02M	38.021M	40.26M	38.021M
6405MHz	Pass	Inf	40.26M	37.961M	40.32M	38.021M
6445MHz	Pass	Inf	40.2M	38.021M	40.26M	38.021M
6485MHz	Pass	Inf	40.32M	37.961M	40.32M	38.021M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.32M	38.021M	40.26M	37.961M
6565MHz	Pass	Inf	40.32M	38.021M	40.14M	37.961M
6685MHz	Pass	Inf	40.26M	38.021M	40.32M	38.081M
6845MHz	Pass	Inf	40.2M	38.021M	40.26M	37.961M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.14M	37.961M	40.14M	38.021M
6925MHz	Pass	Inf	40.38M	38.081M	40.2M	38.021M
7005MHz	Pass	Inf	40.2M	38.021M	40.2M	37.961M
7085MHz	Pass	Inf	40.2M	38.081M	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.12M	77.841M	80.88M	77.841M
6225MHz	Pass	Inf	81M	77.841M	80.88M	77.841M
6385MHz	Pass	Inf	81.12M	77.841M	80.88M	77.841M
6465MHz	Pass	Inf	81.12M	77.841M	81.12M	77.841M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.12M	77.841M	81M	77.841M
6625MHz	Pass	Inf	81.12M	77.961M	80.88M	77.841M
6705MHz	Pass	Inf	81.12M	77.841M	81.12M	77.961M
6785MHz	Pass	Inf	81M	77.841M	81.12M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	80.88M	77.721M	81.12M	77.841M
6945MHz	Pass	Inf	81M	77.841M	81.12M	77.841M
7025MHz	Pass	Inf	80.88M	77.841M	81M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.2M	157.361M	163.2M	157.121M
6185MHz	Pass	Inf	162.96M	157.121M	162.96M	156.882M
6345MHz	Pass	Inf	163.2M	157.121M	162.96M	156.882M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	162.96M	157.361M	163.2M	157.121M
6665MHz	Pass	Inf	163.2M	157.361M	163.2M	157.361M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	162.96M	157.121M	163.44M	157.361M
6985MHz	Pass	Inf	163.44M	157.121M	163.2M	157.361M

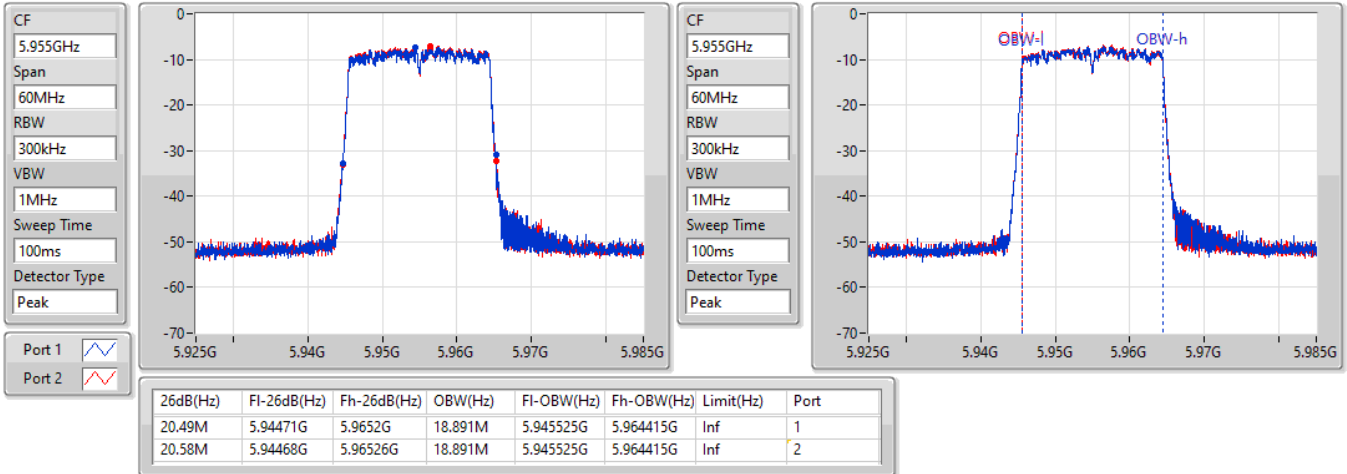
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5955MHz

15/06/2022

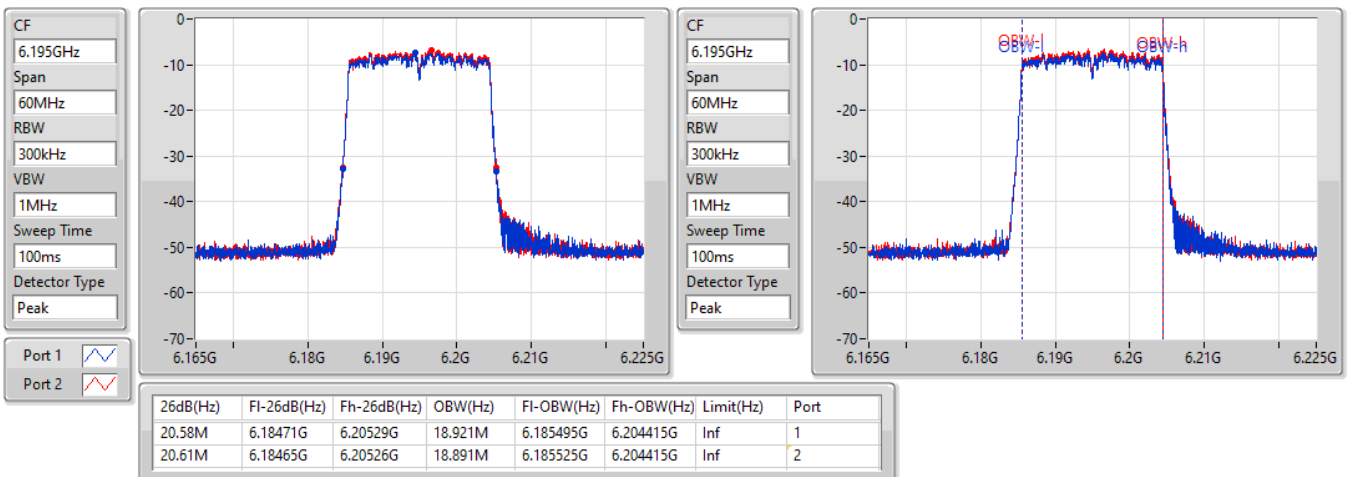


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6195MHz

15/06/2022

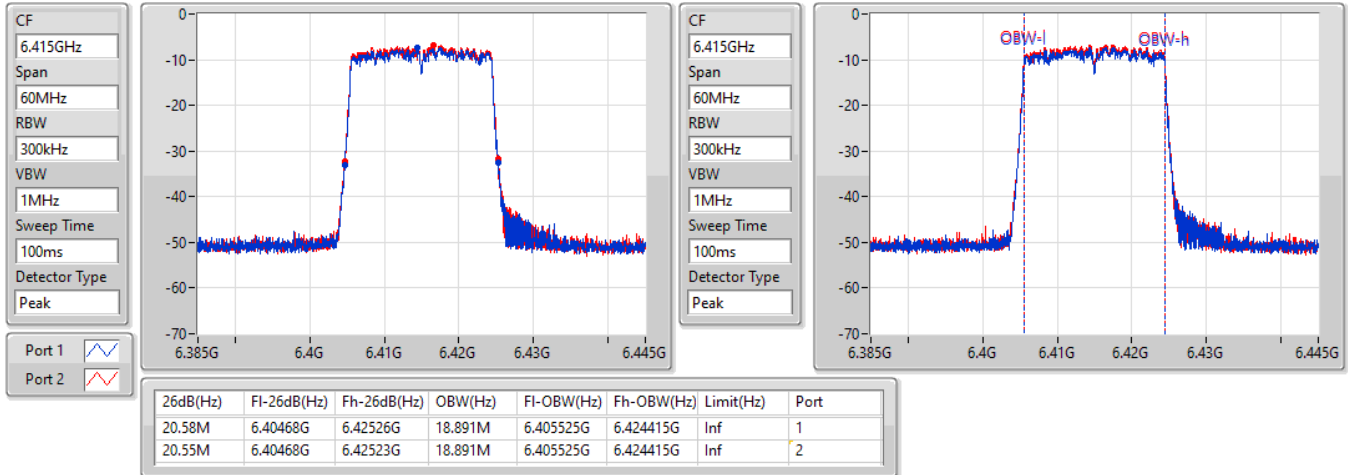


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6415MHz

15/06/2022

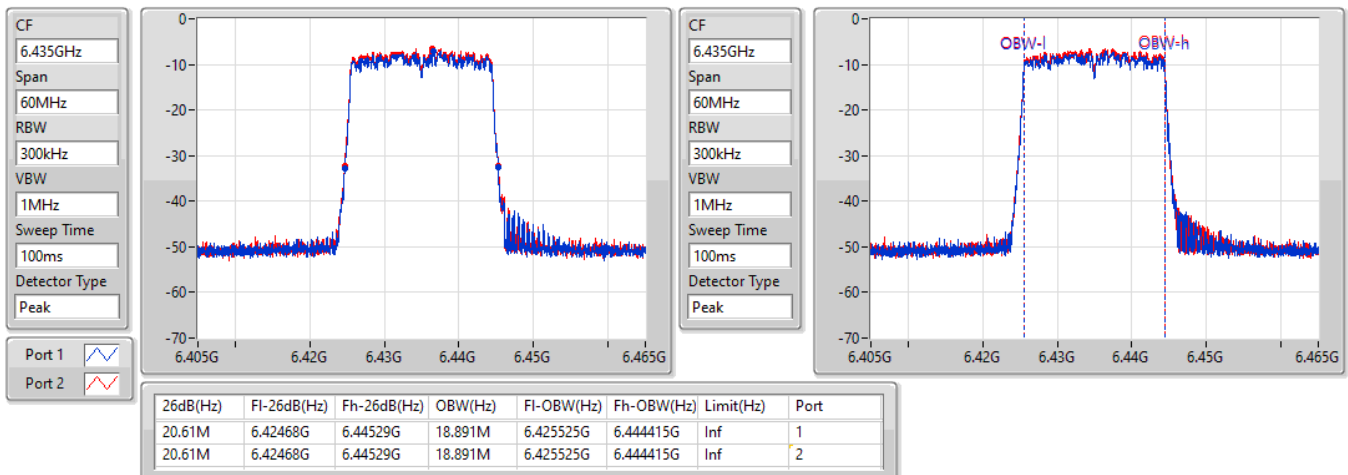


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

15/06/2022

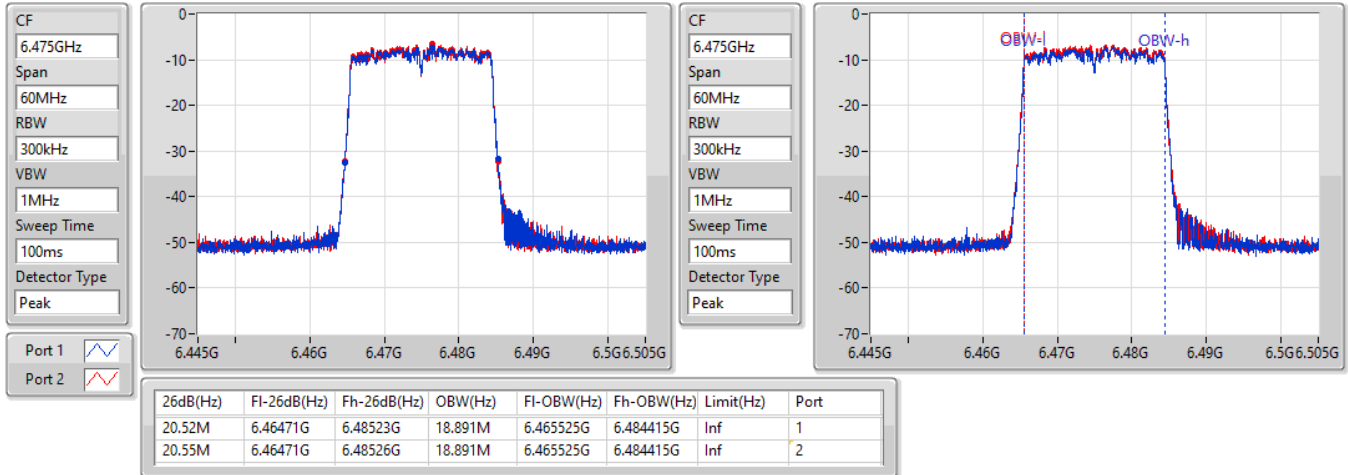


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6475MHz

15/06/2022

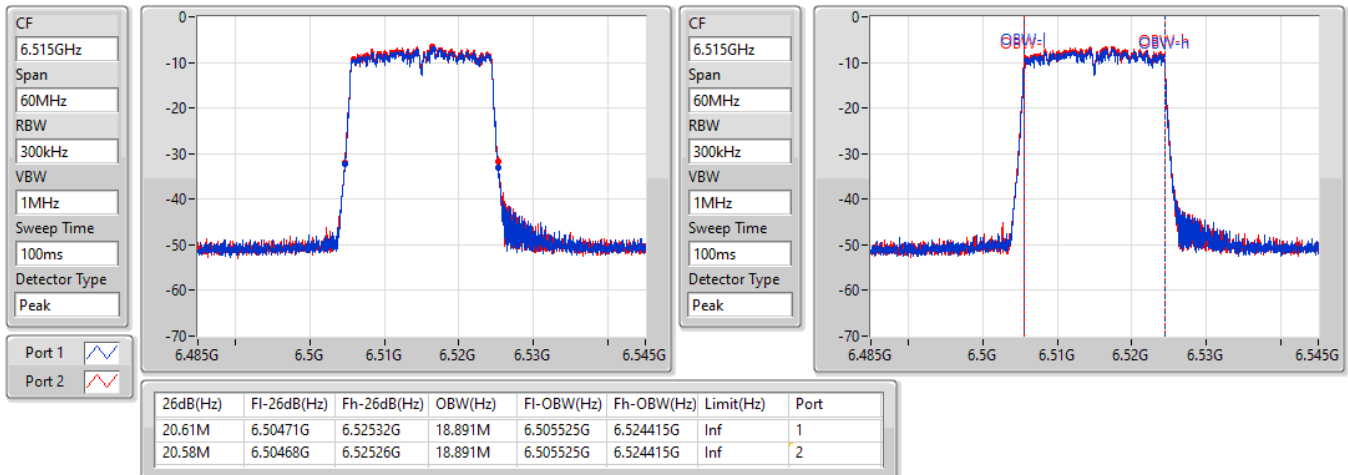


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6515MHz

15/06/2022

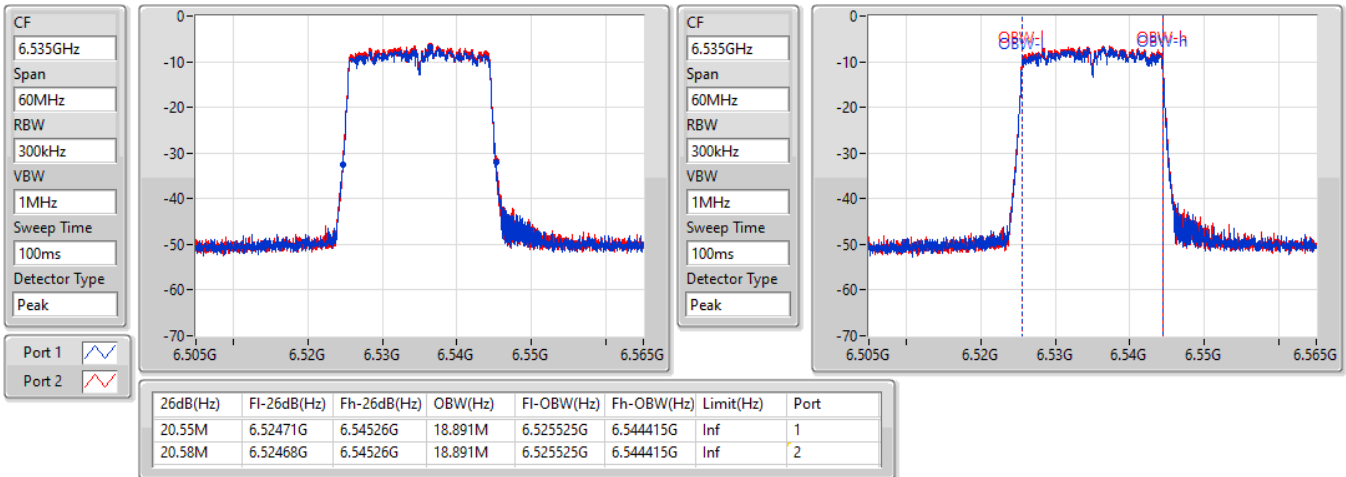


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6535MHz

15/06/2022

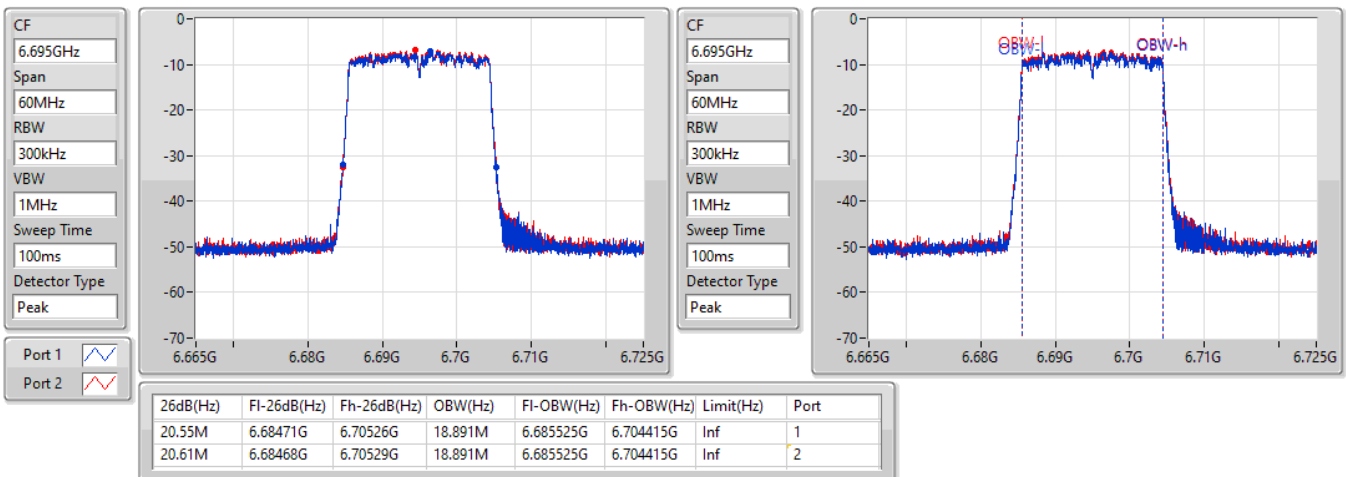


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6695MHz

15/06/2022

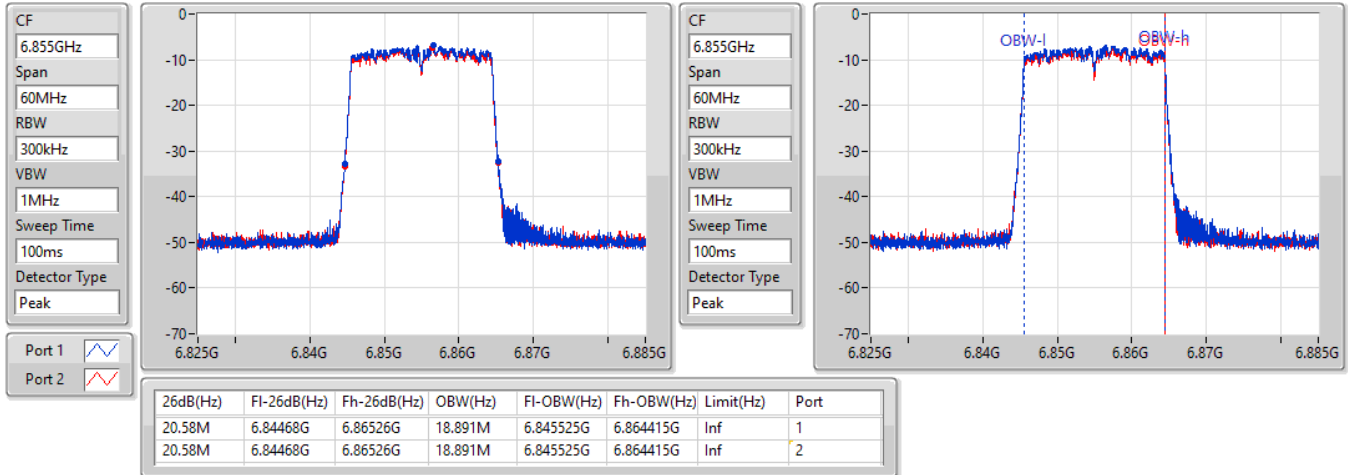


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6855MHz

15/06/2022

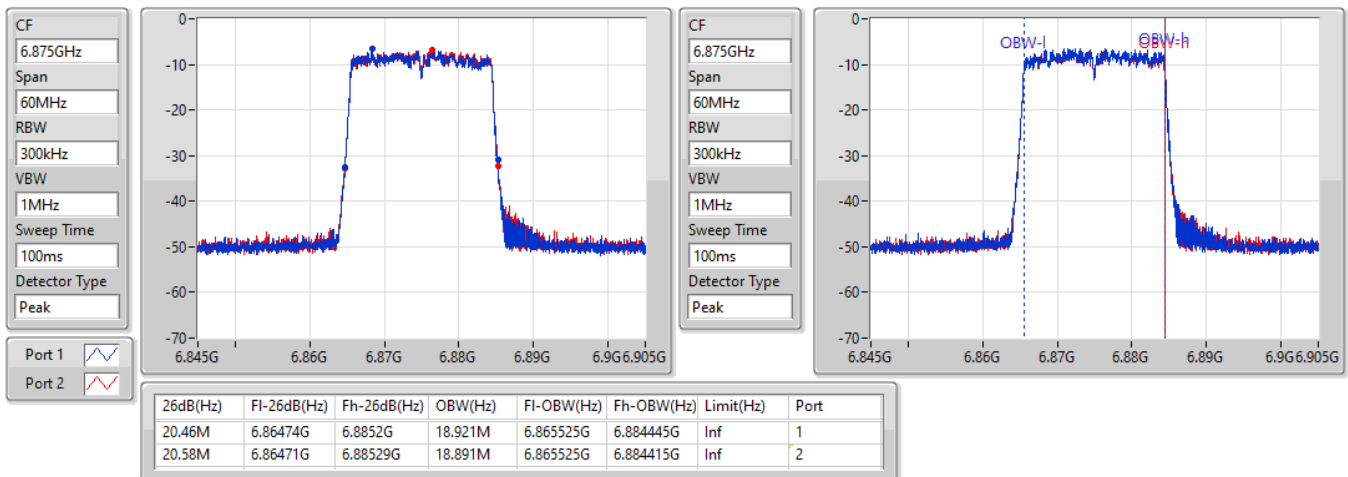


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.825-6.875GHz

15/06/2022

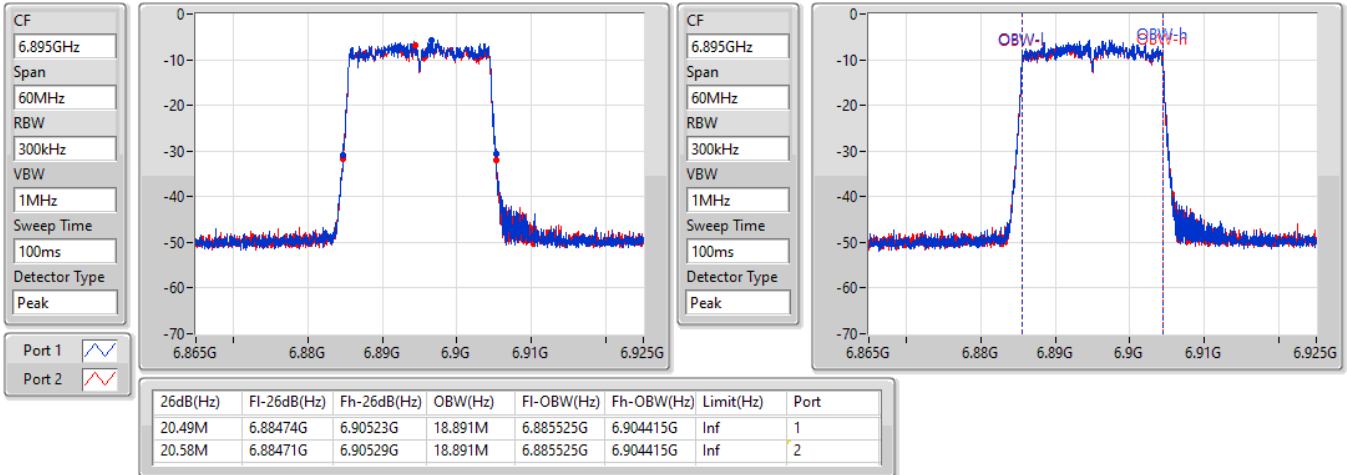


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6895MHz

15/06/2022

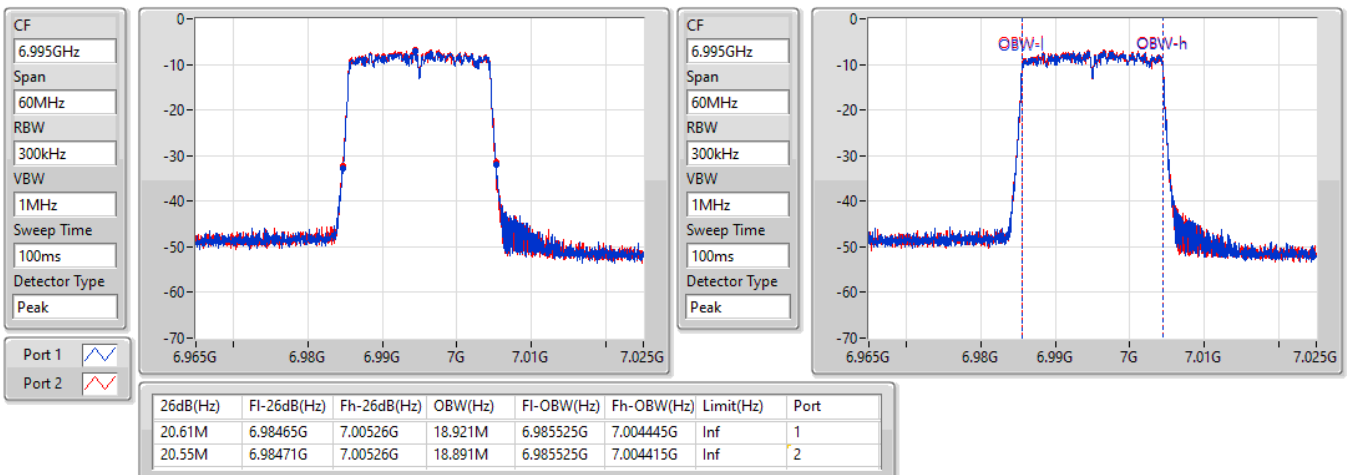


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6995MHz

15/06/2022

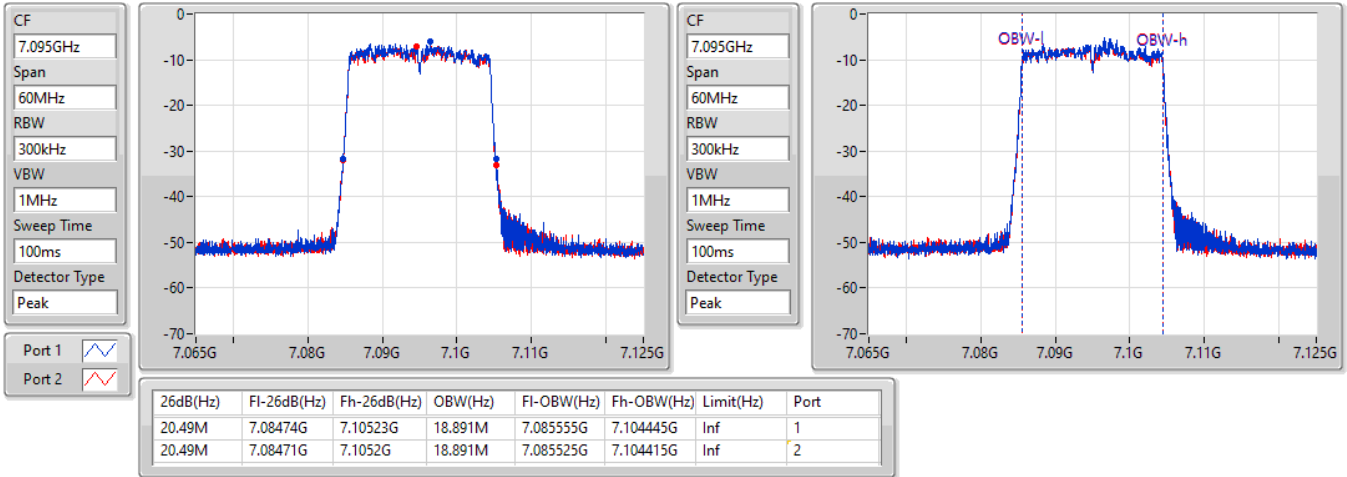


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

7095MHz

15/06/2022

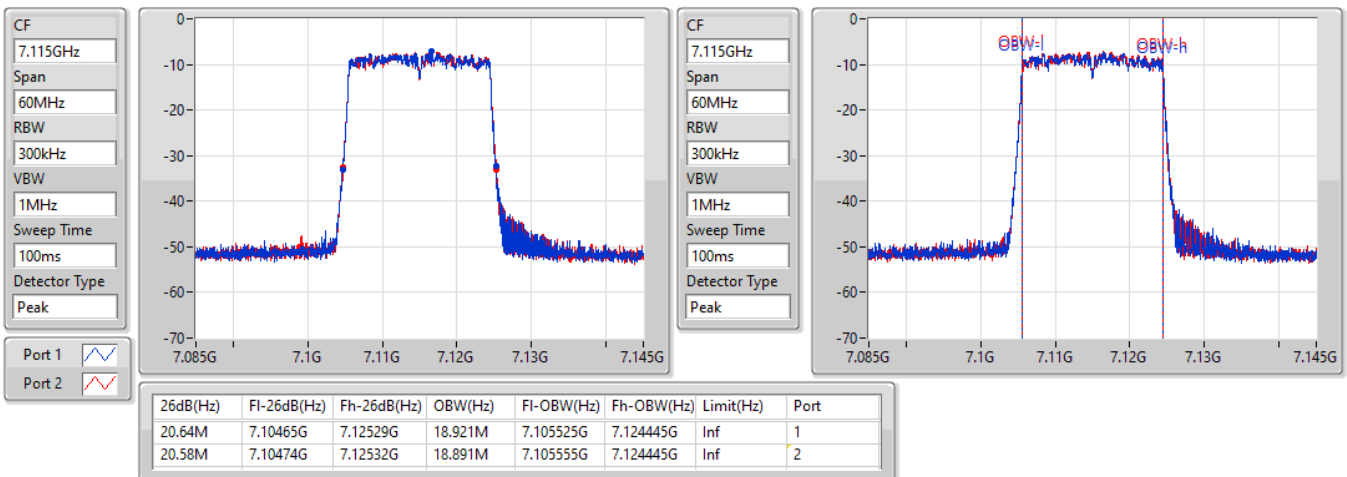


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

7115MHz

15/06/2022

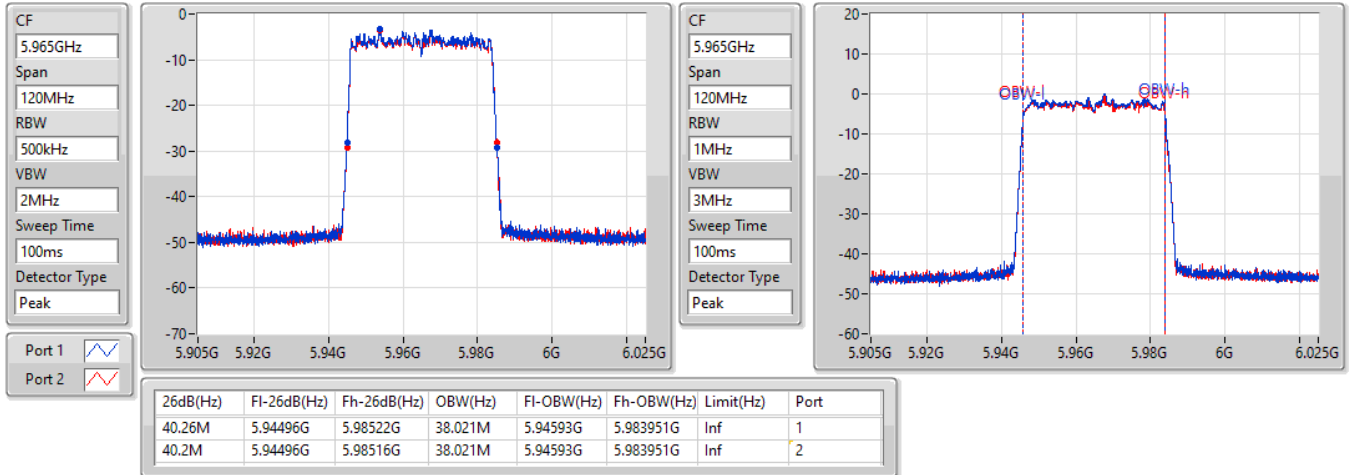


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5965MHz

15/06/2022

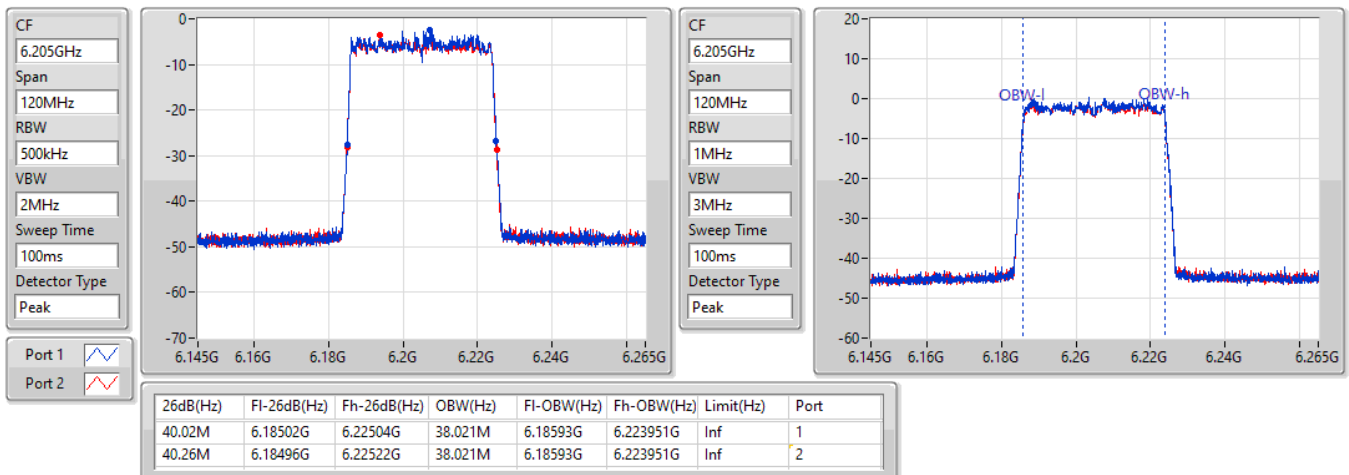


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

15/06/2022

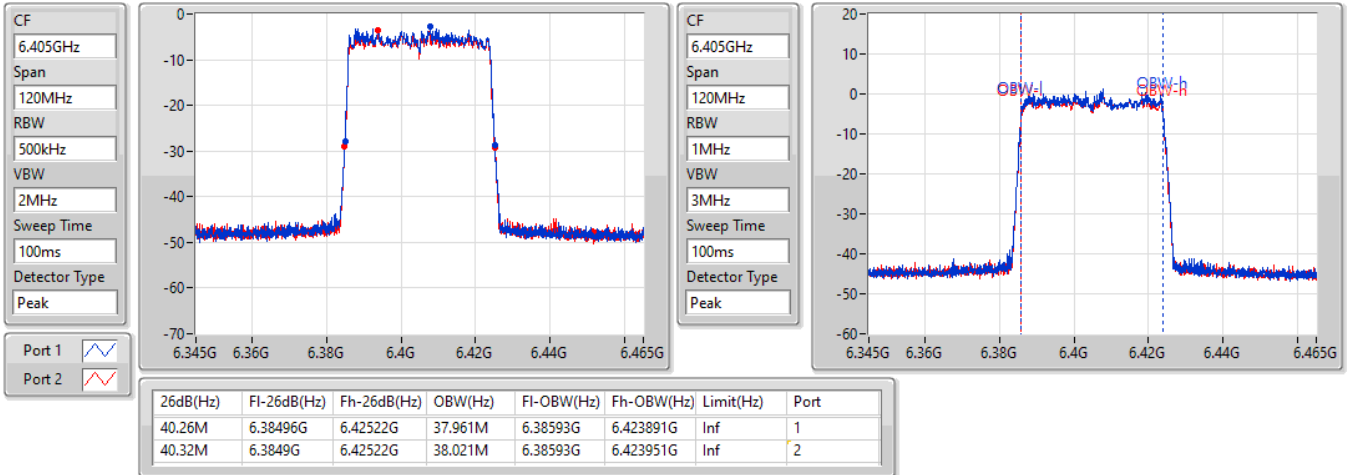


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6405MHz

15/06/2022

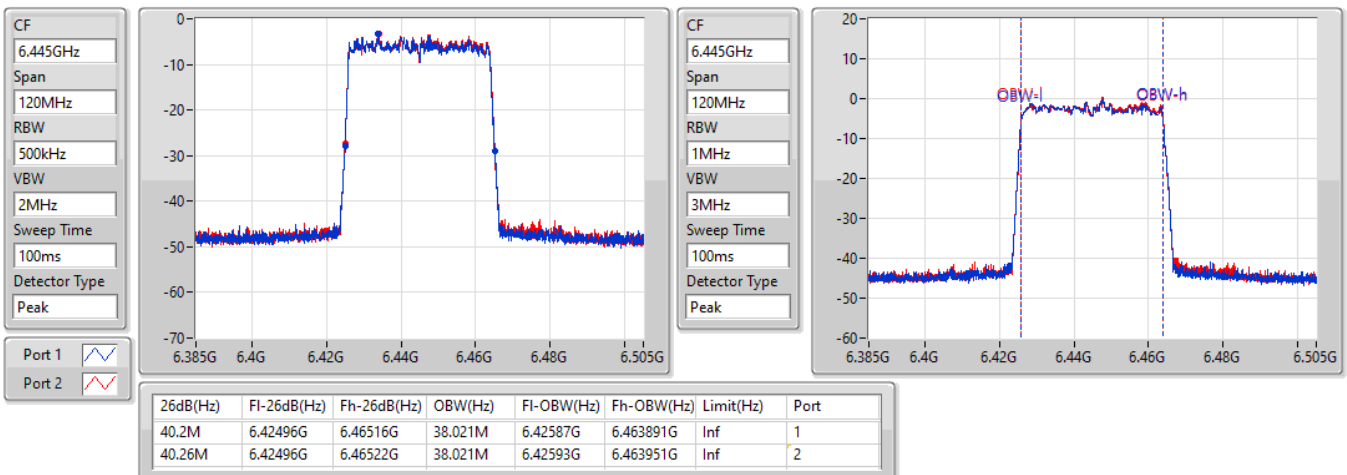


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6445MHz

15/06/2022

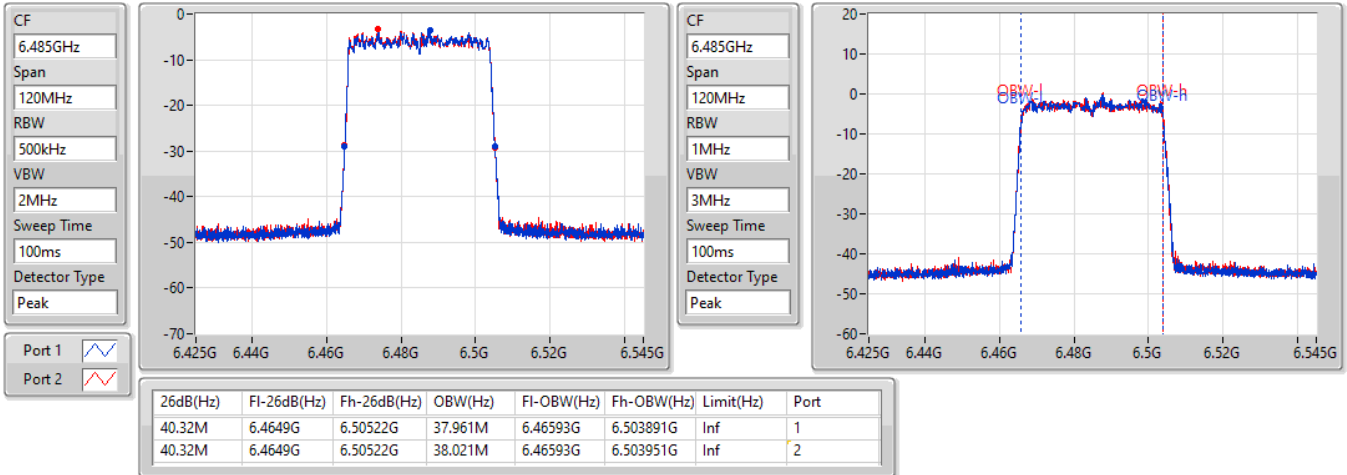


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6485MHz

15/06/2022

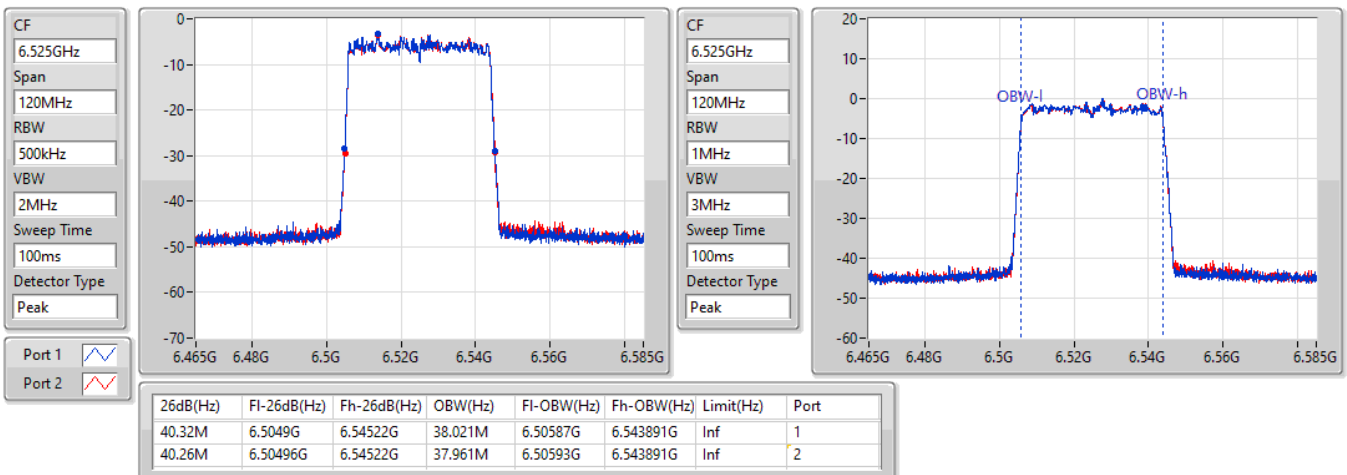


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6525MHz Straddle 6.425-6.525GHz

15/06/2022

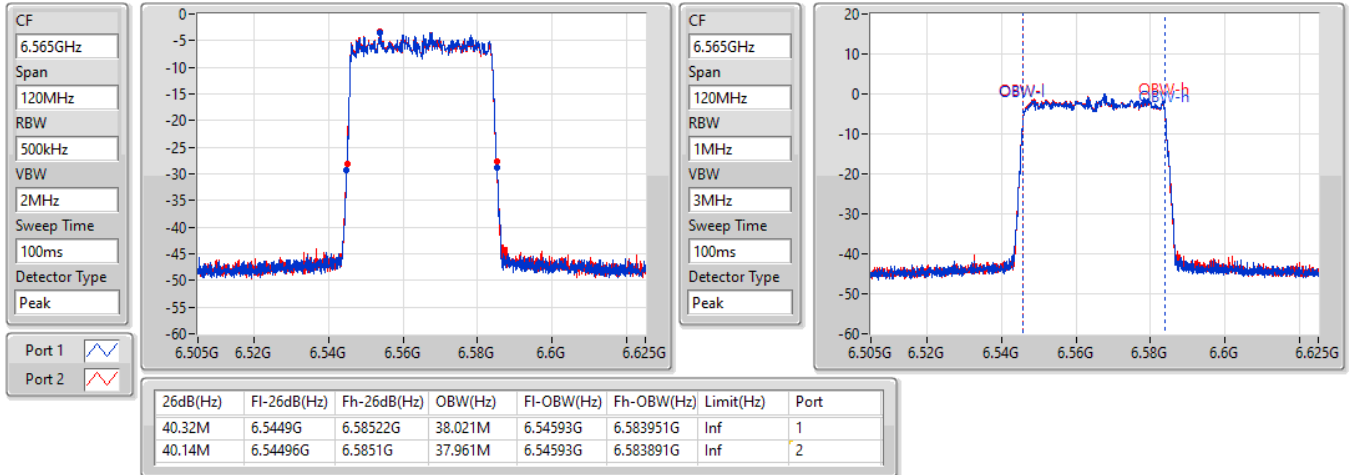


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6565MHz

15/06/2022

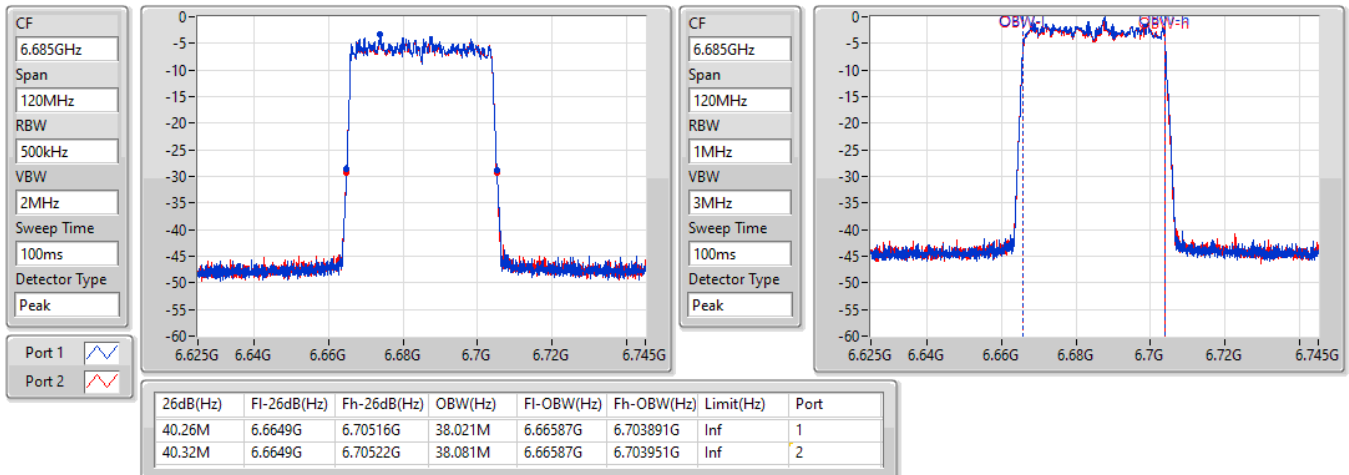


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6685MHz

15/06/2022

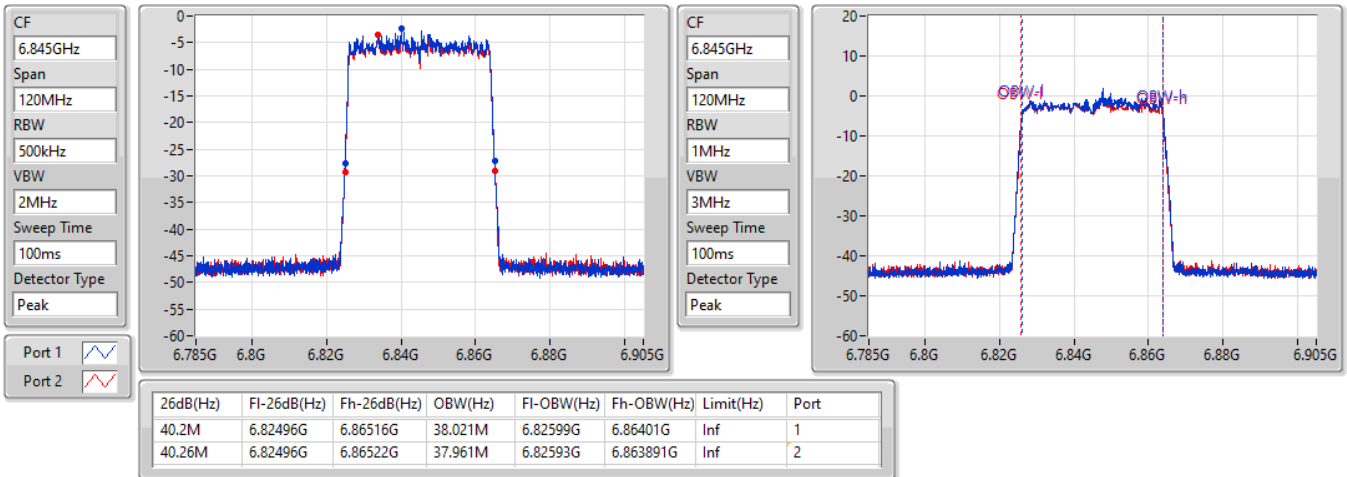


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6845MHz

15/06/2022

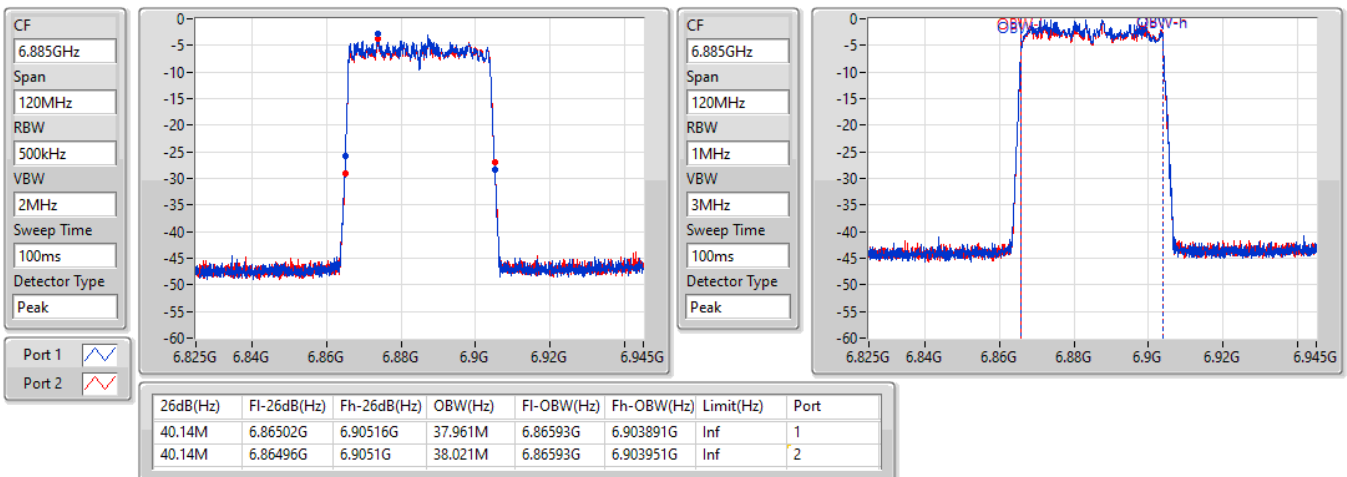


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz Straddle 6.525-6.875GHz

15/06/2022

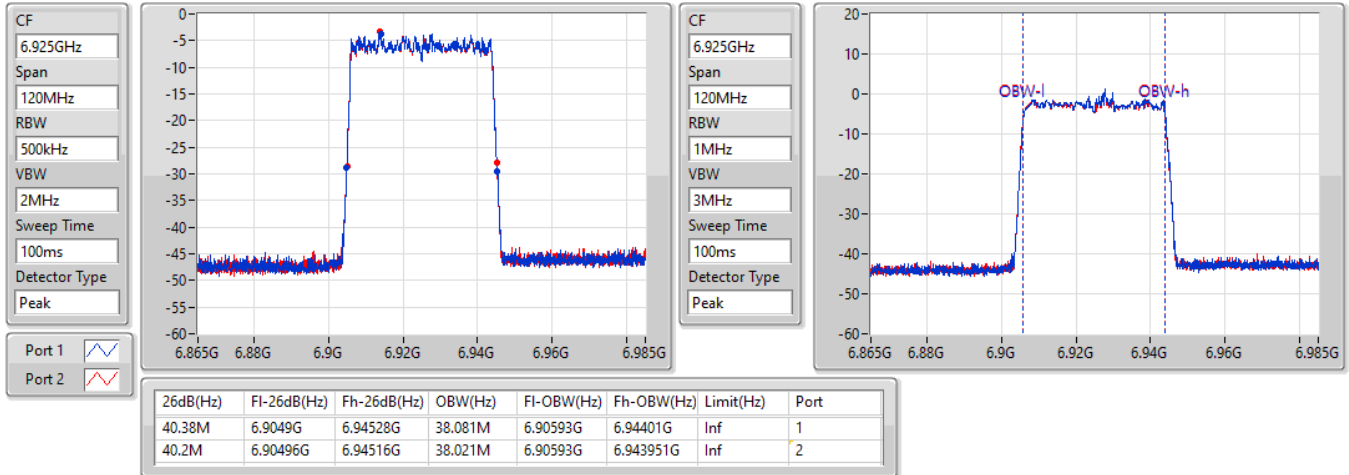


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6925MHz

15/06/2022

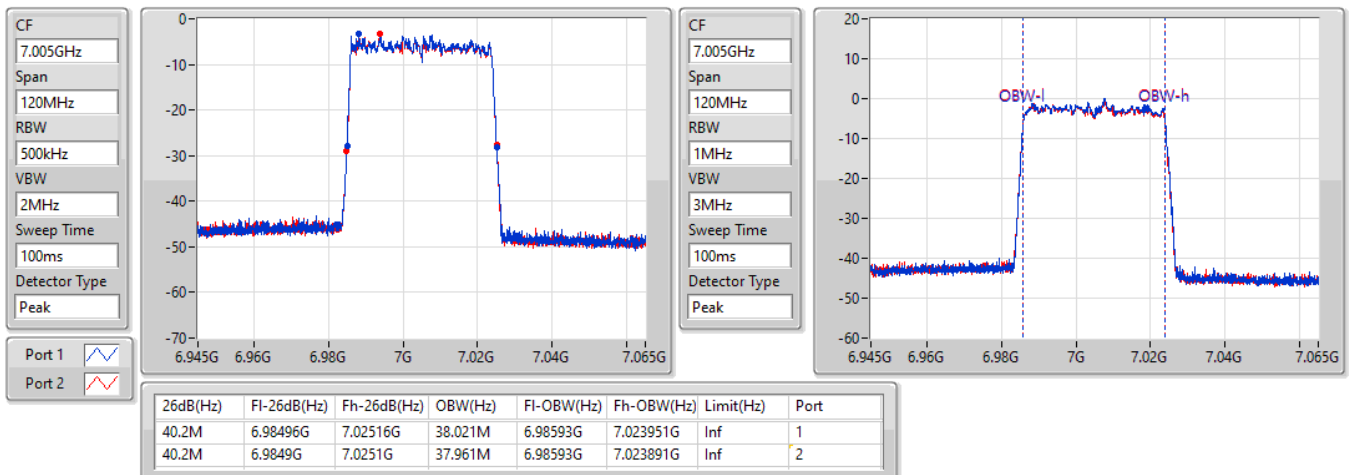


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

7005MHz

15/06/2022

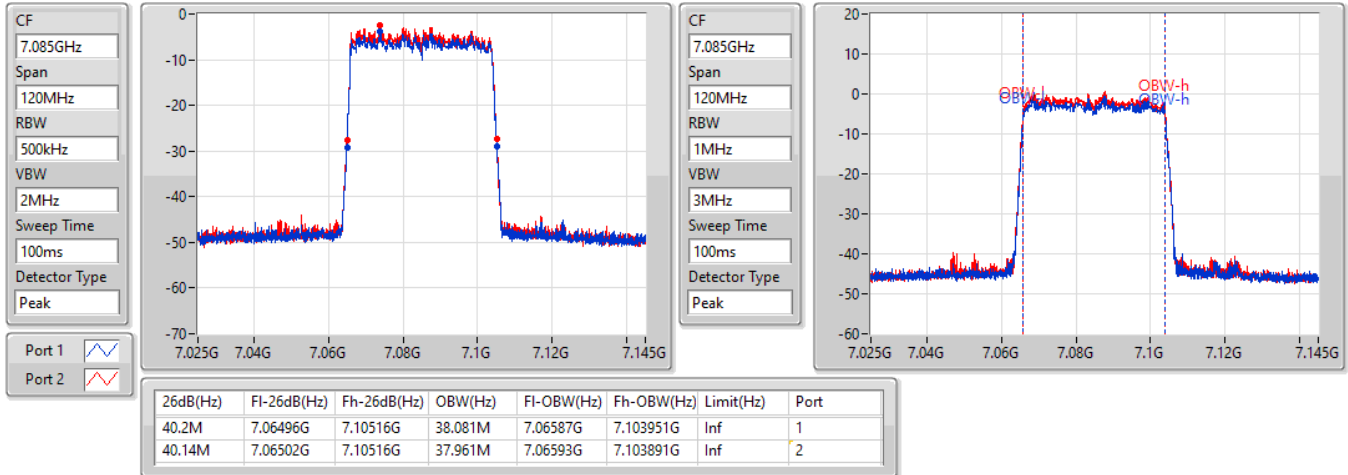


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

7085MHz

15/06/2022

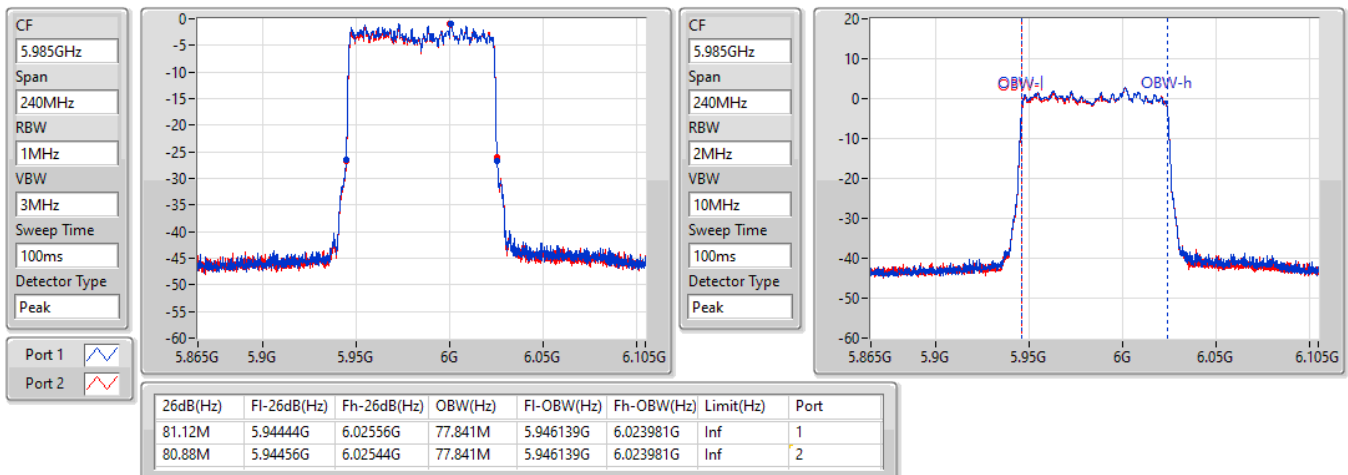


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

16/06/2022

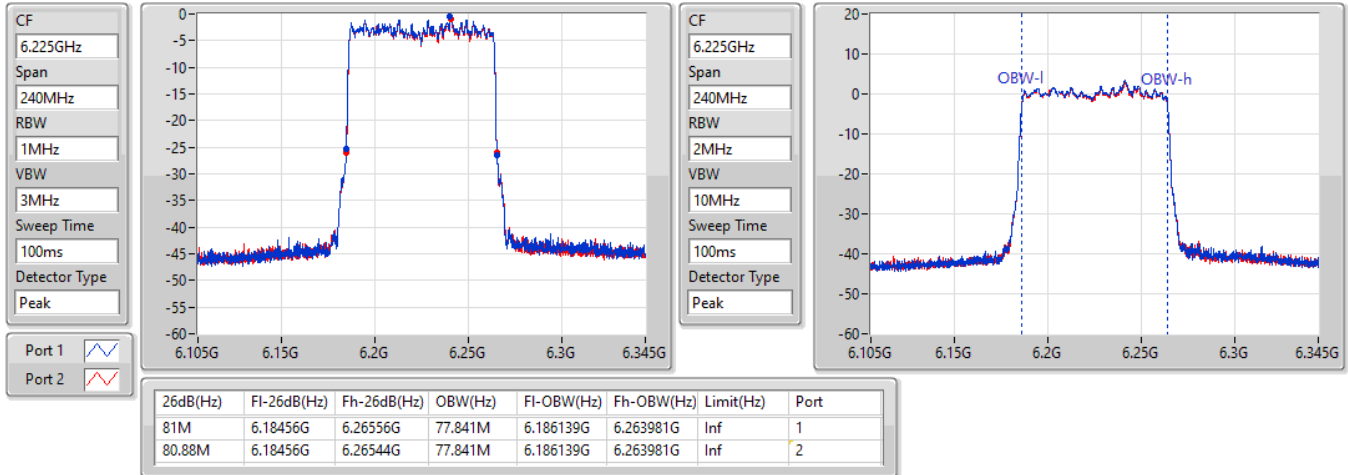


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6225MHz

16/06/2022

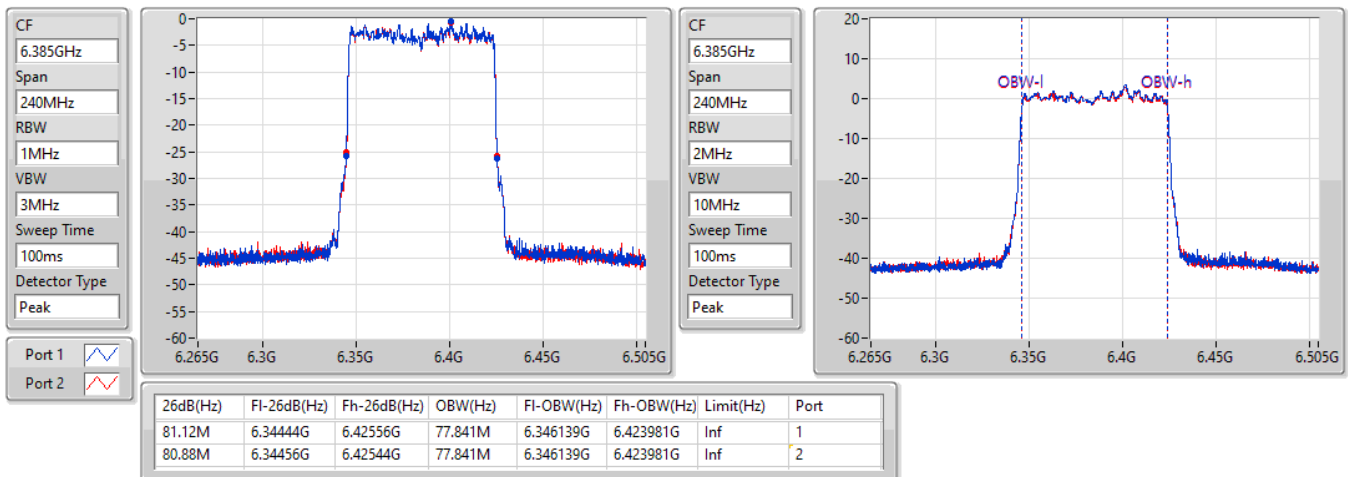


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6385MHz

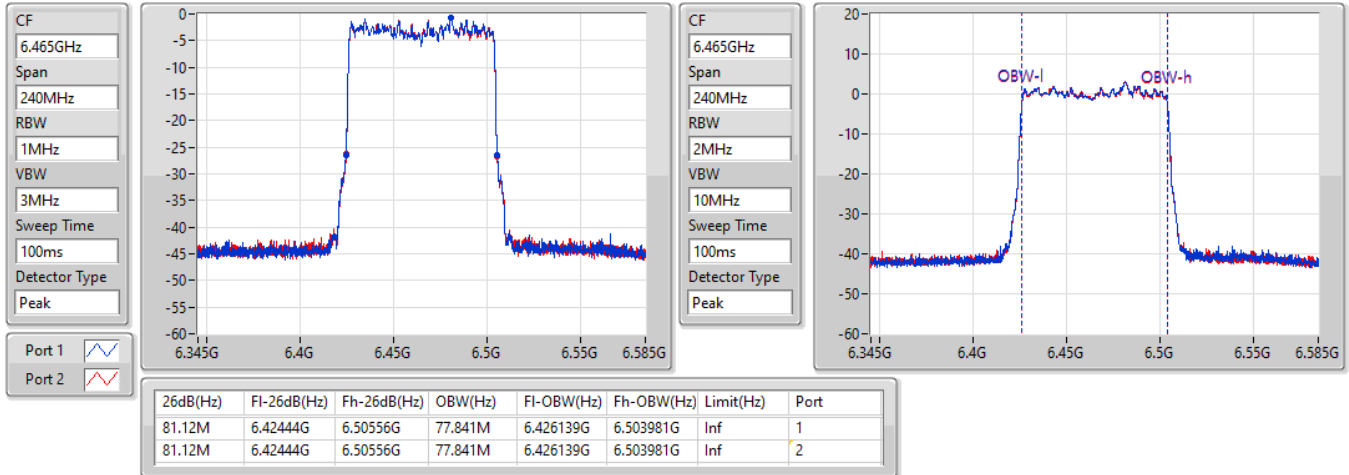
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802.11ax HEW80-BF_Nss1,(MCS0)_2TX

6465MHz

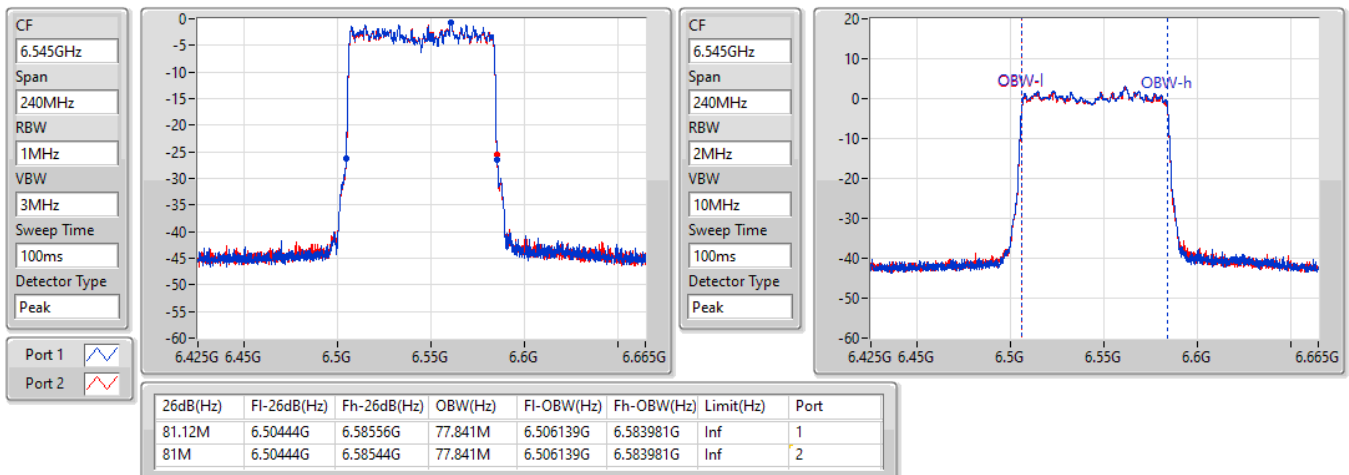
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802.11ax HEW80-BF_Nss1,(MCS0)_2TX

6545MHz Straddle 6.425-6.525GHz

16/06/2022

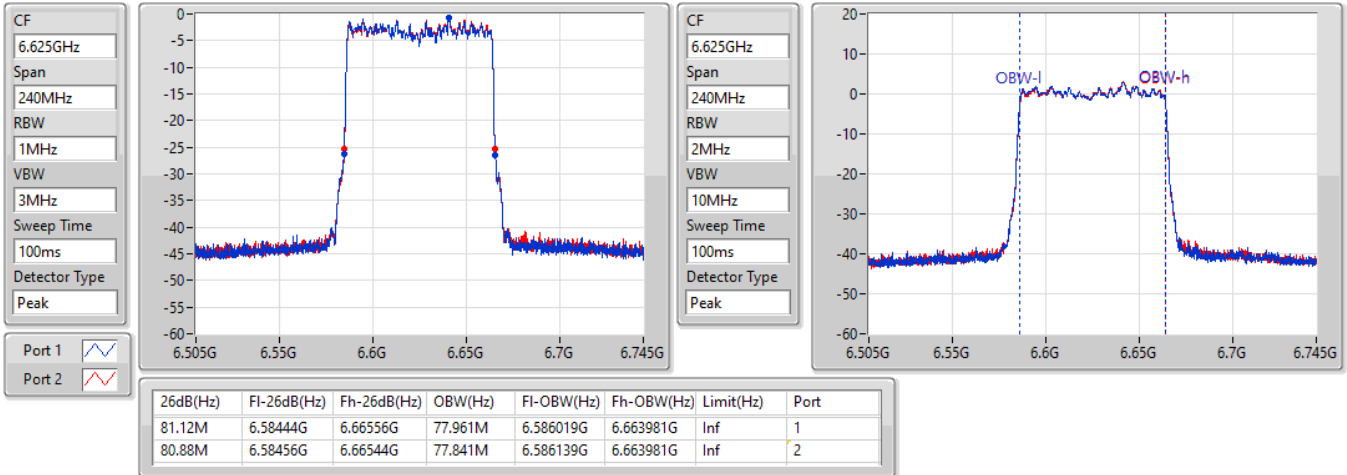


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

16/06/2022

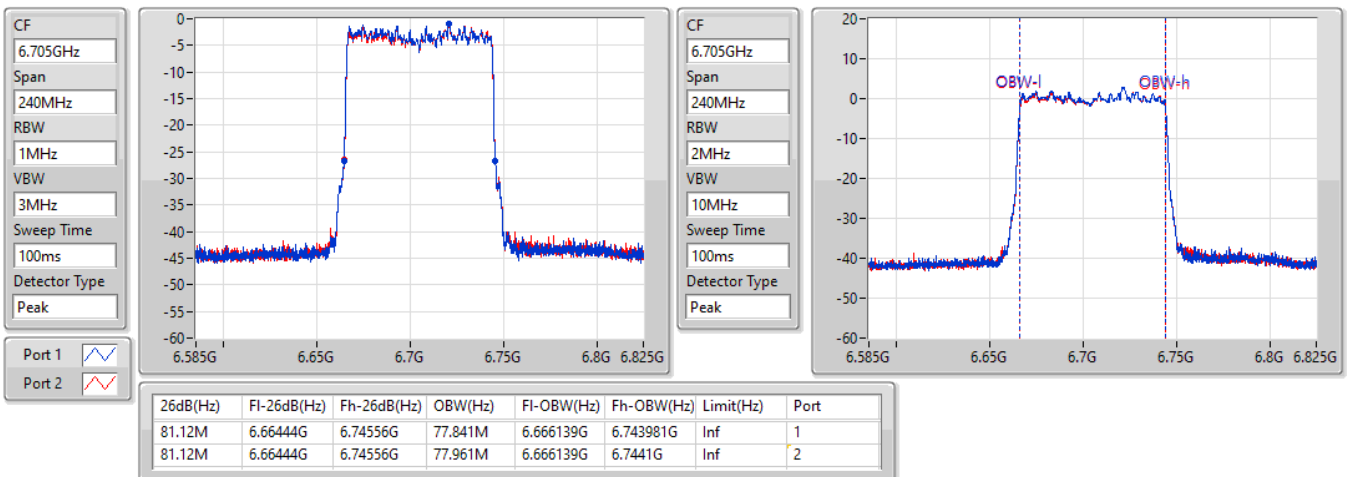


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6705MHz

16/06/2022

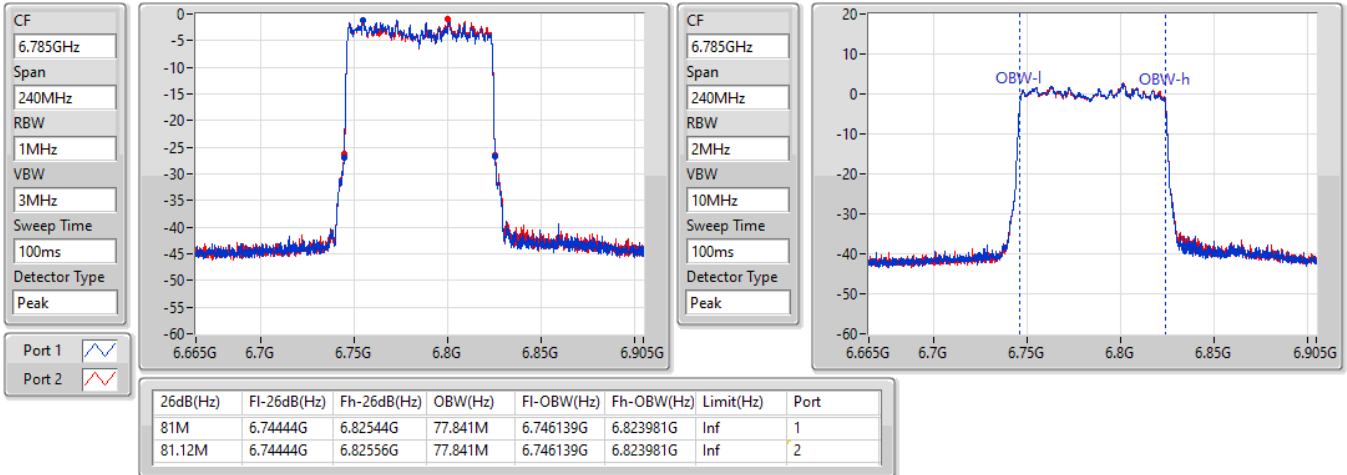


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6785MHz

16/06/2022

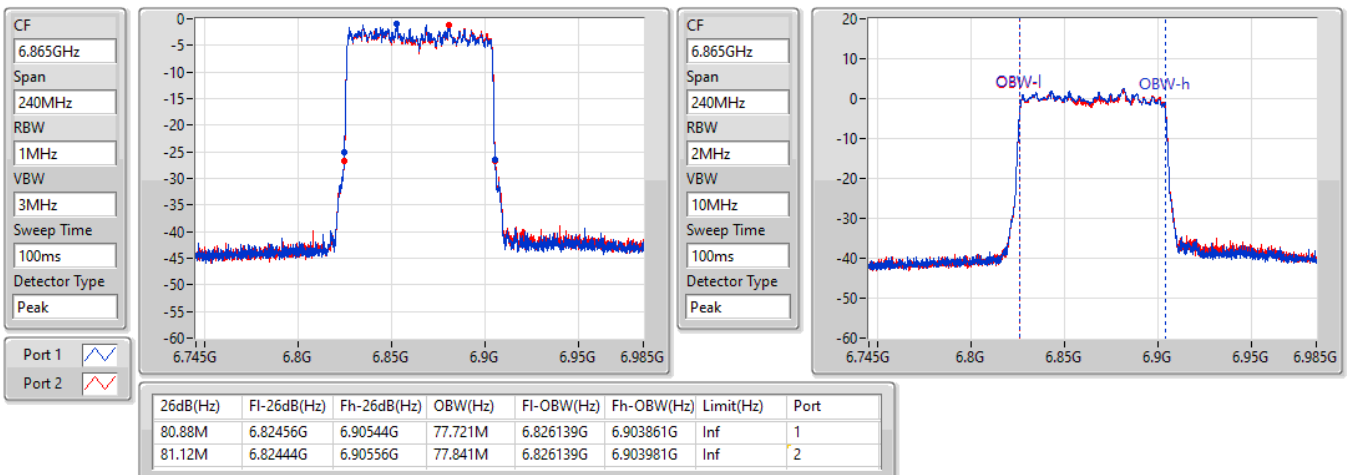


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6865MHz Straddle 6.525-6.875GHz

16/06/2022

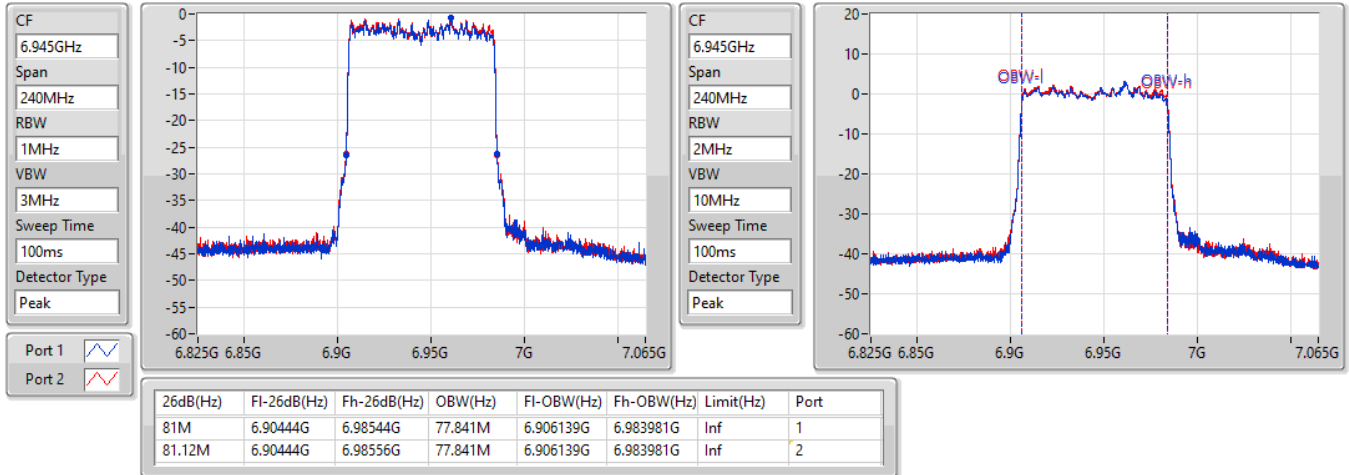


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6945MHz

16/06/2022

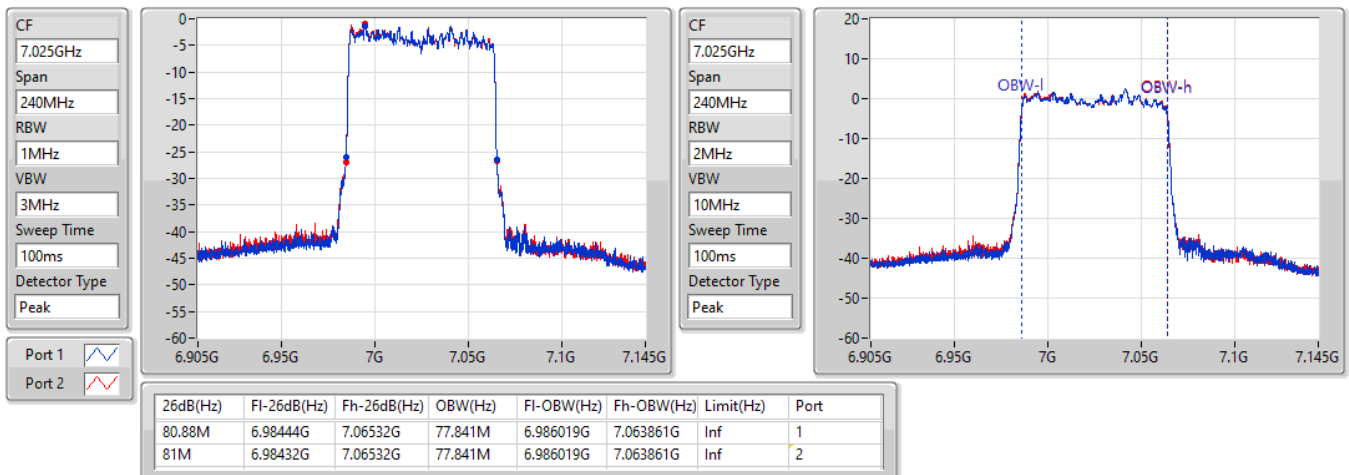


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

16/06/2022

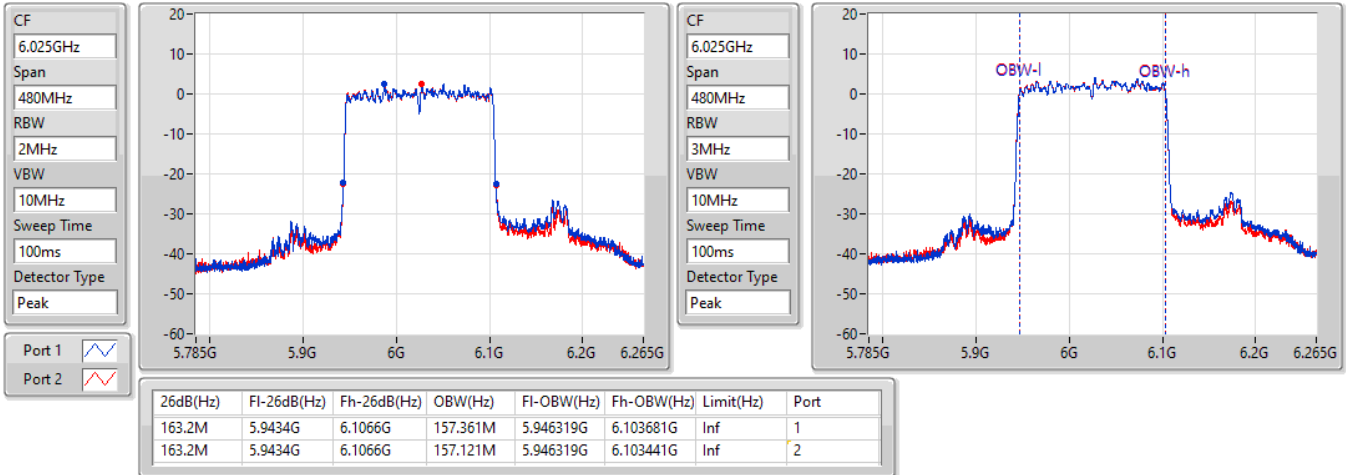


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6025MHz

17/06/2022

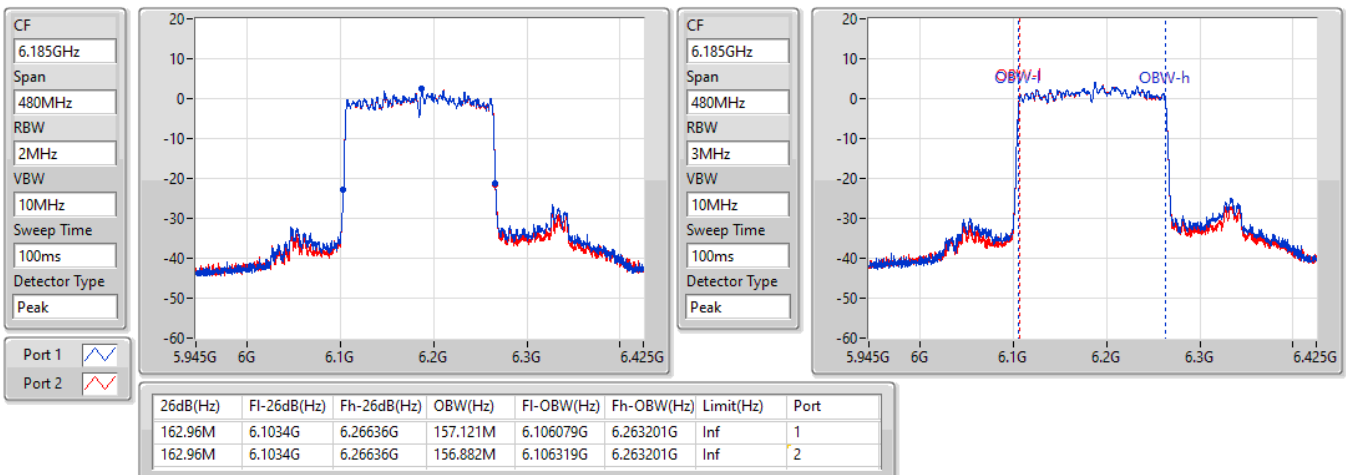


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6185MHz

17/06/2022

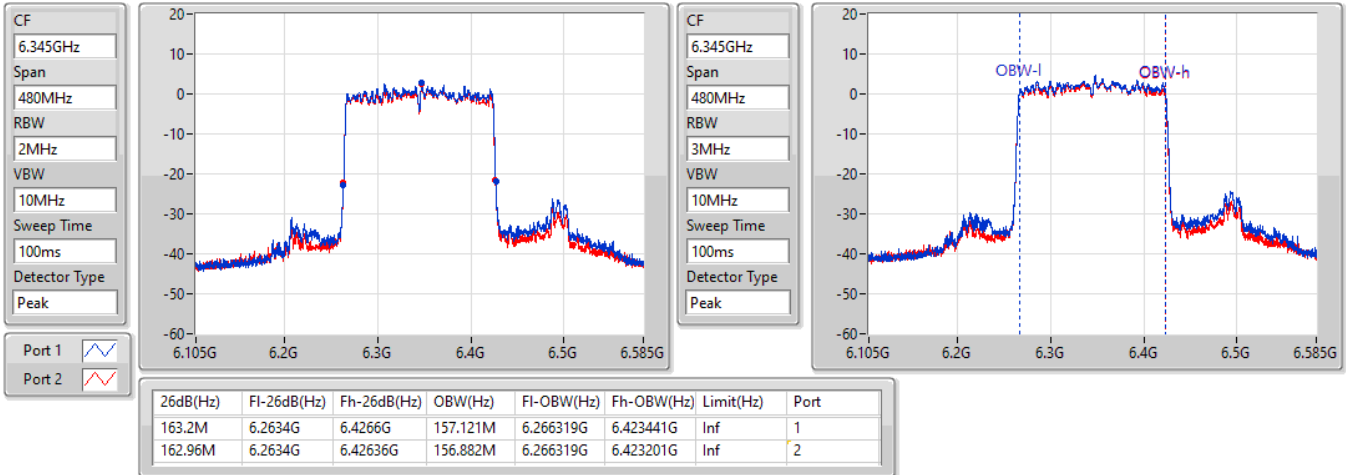


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6345MHz

17/06/2022

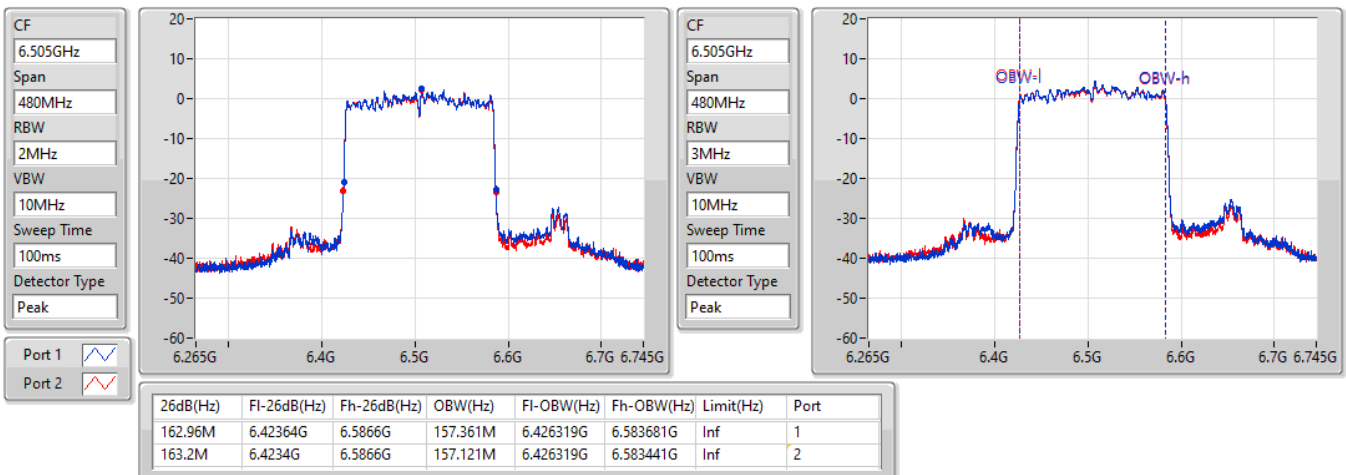


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6505MHz Straddle 6.425-6.525GHz

17/06/2022

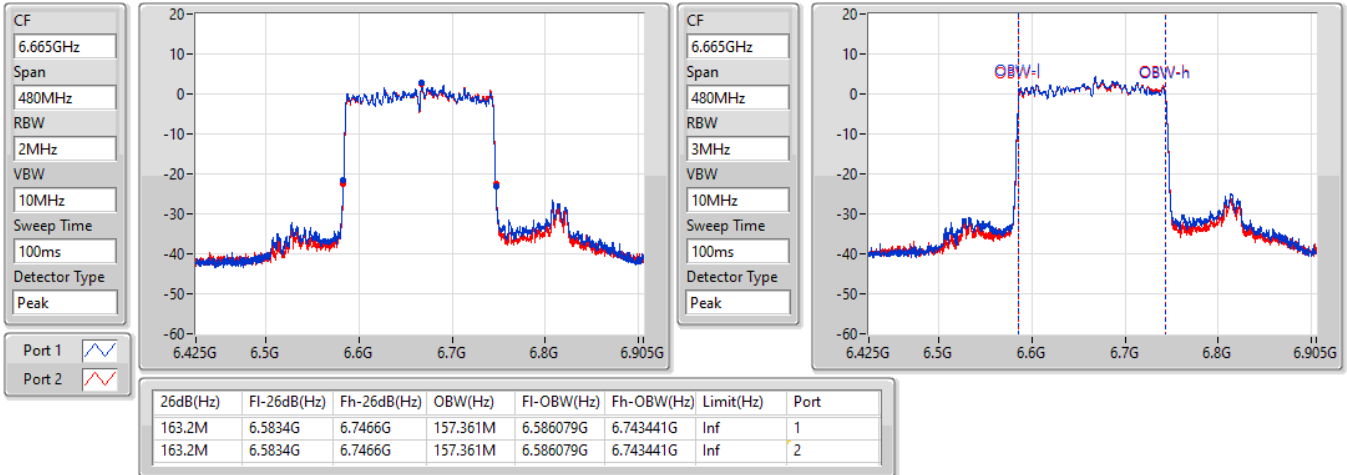


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

17/06/2022

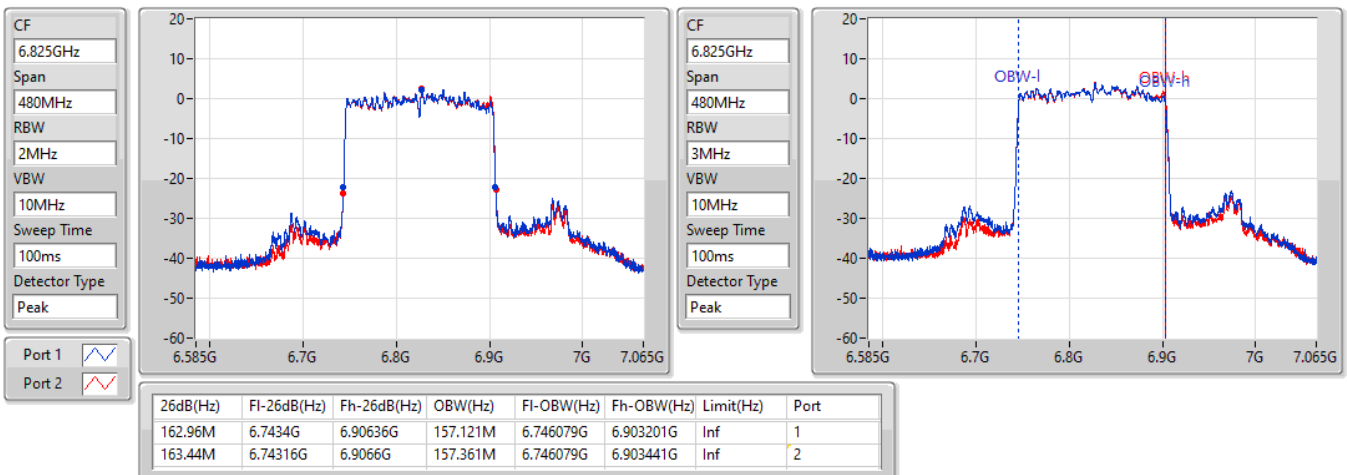


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz Straddle 6.525-6.875GHz

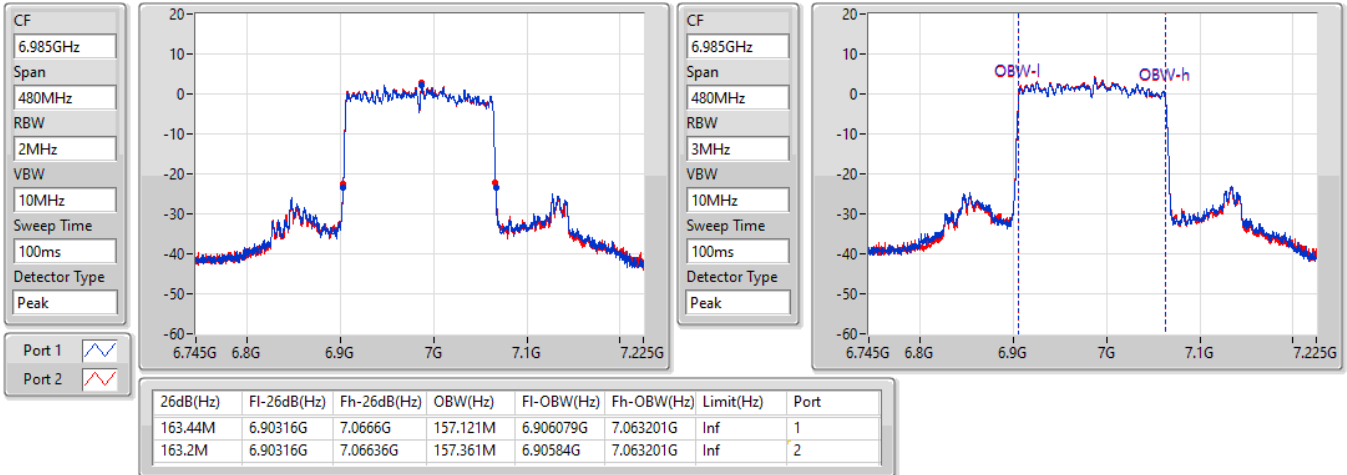
17/06/2022



802.11ax HEW160-BF_Nss1,(MCS0)_2TX

6985MHz

17/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.921M	18M9D1D	20.49M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.021M	38M0D1D	40.02M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	80.88M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.2M	157.361M	157MD1D	162.96M	156.882M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.891M	18M9D1D	20.52M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.021M	38M0D1D	40.2M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	81M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.2M	157.361M	157MD1D	162.96M	157.121M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.61M	18.921M	18M9D1D	20.46M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.32M	38.081M	38M1D1D	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.961M	78M0D1D	80.88M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.44M	157.361M	157MD1D	162.96M	157.121M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.64M	18.921M	18M9D1D	20.49M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.38M	38.081M	38M1D1D	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.12M	77.841M	77M8D1D	80.88M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	163.44M	157.361M	157MD1D	163.2M	157.121M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.49M	18.891M	20.58M	18.891M
6195MHz	Pass	Inf	20.58M	18.921M	20.61M	18.891M
6415MHz	Pass	Inf	20.58M	18.891M	20.55M	18.891M
6435MHz	Pass	Inf	20.61M	18.891M	20.61M	18.891M
6475MHz	Pass	Inf	20.52M	18.891M	20.55M	18.891M
6515MHz	Pass	Inf	20.61M	18.891M	20.58M	18.891M
6535MHz	Pass	Inf	20.55M	18.891M	20.58M	18.891M
6695MHz	Pass	Inf	20.55M	18.891M	20.61M	18.891M
6855MHz	Pass	Inf	20.58M	18.891M	20.58M	18.891M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	20.46M	18.921M	20.58M	18.891M
6875MHz Straddle 6.875-7.125GHz						
6895MHz	Pass	Inf	20.49M	18.891M	20.58M	18.891M
6995MHz	Pass	Inf	20.61M	18.921M	20.55M	18.891M
7095MHz	Pass	Inf	20.49M	18.891M	20.49M	18.891M
7115MHz	Pass	Inf	20.64M	18.921M	20.58M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.26M	38.021M	40.2M	38.021M
6205MHz	Pass	Inf	40.02M	38.021M	40.26M	38.021M
6405MHz	Pass	Inf	40.26M	37.961M	40.32M	38.021M
6445MHz	Pass	Inf	40.2M	38.021M	40.26M	38.021M
6485MHz	Pass	Inf	40.32M	37.961M	40.32M	38.021M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.32M	38.021M	40.26M	37.961M
6525MHz Straddle 6.525-6.875GHz						
6565MHz	Pass	Inf	40.32M	38.021M	40.14M	37.961M
6685MHz	Pass	Inf	40.26M	38.021M	40.32M	38.081M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.14M	37.961M	40.14M	38.021M
6885MHz Straddle 6.875-7.125GHz						
6925MHz	Pass	Inf	40.38M	38.081M	40.2M	38.021M
7005MHz	Pass	Inf	40.2M	38.021M	40.2M	37.961M
7085MHz	Pass	Inf	40.2M	38.081M	40.14M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	81.12M	77.841M	80.88M	77.841M
6225MHz	Pass	Inf	81M	77.841M	80.88M	77.841M
6385MHz	Pass	Inf	81.12M	77.841M	80.88M	77.841M
6465MHz	Pass	Inf	81.12M	77.841M	81.12M	77.841M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.12M	77.841M	81M	77.841M
6545MHz Straddle 6.525-6.875GHz						
6625MHz	Pass	Inf	81.12M	77.961M	80.88M	77.841M
6705MHz	Pass	Inf	81.12M	77.841M	81.12M	77.961M
6785MHz	Pass	Inf	81M	77.841M	81.12M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	80.88M	77.721M	81.12M	77.841M
6865MHz Straddle 6.875-7.125GHz						
6945MHz	Pass	Inf	81M	77.841M	81.12M	77.841M
7025MHz	Pass	Inf	80.88M	77.841M	81M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.2M	157.361M	163.2M	157.121M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6185MHz	Pass	Inf	162.96M	157.121M	162.96M	156.882M
6345MHz	Pass	Inf	163.2M	157.121M	162.96M	156.882M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	162.96M	157.361M	163.2M	157.121M
6505MHz Straddle 6.525-6.875GHz						
6665MHz	Pass	Inf	163.2M	157.361M	163.2M	157.361M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	162.96M	157.121M	163.44M	157.361M
6825MHz Straddle 6.875-7.125GHz						
6985MHz	Pass	Inf	163.44M	157.121M	163.2M	157.361M

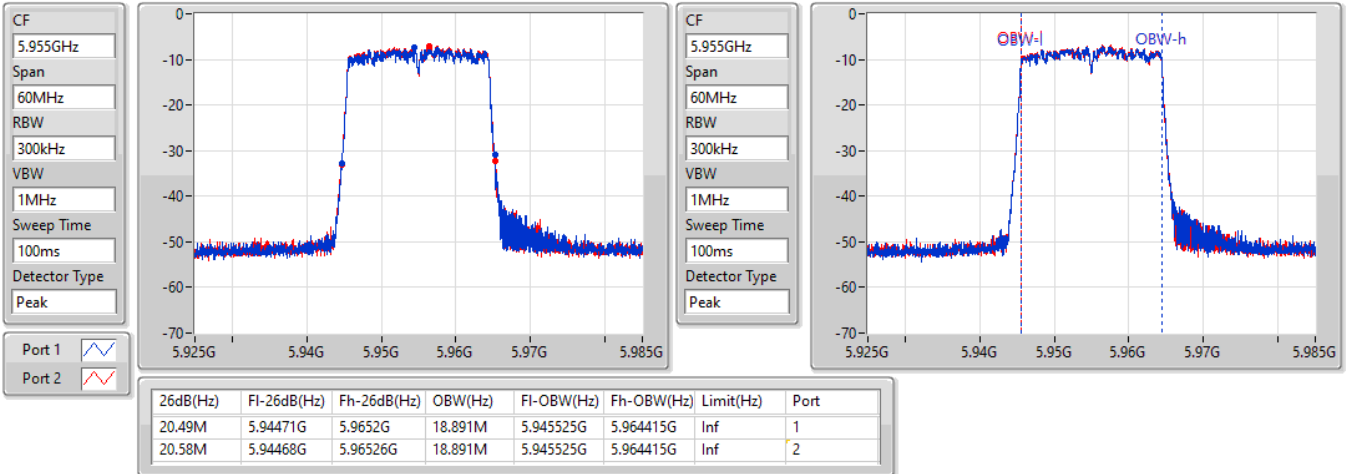
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5955MHz

15/06/2022

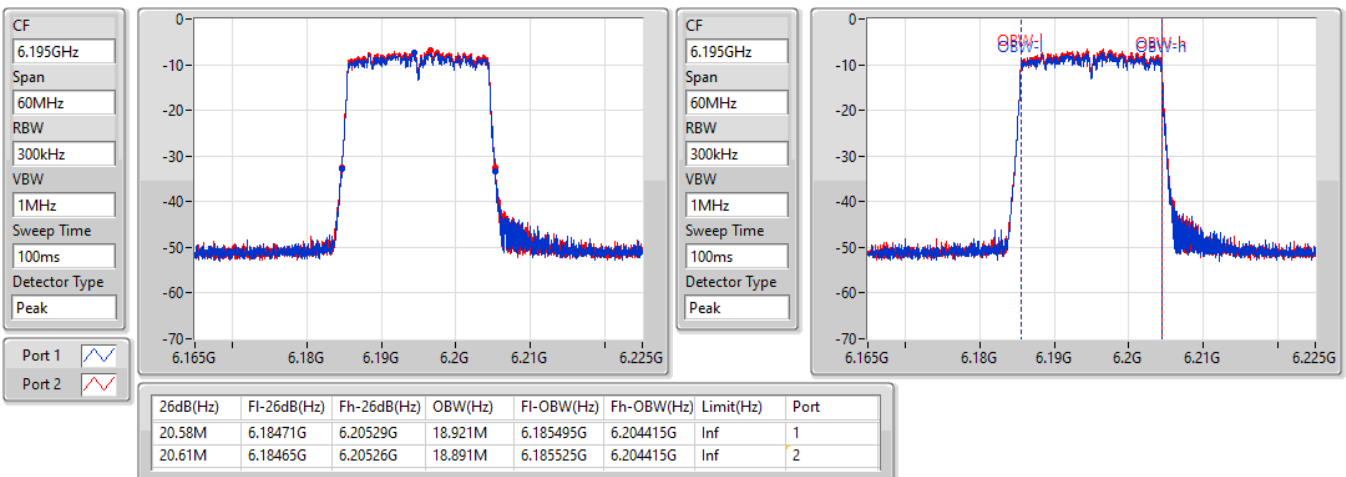


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6195MHz

15/06/2022

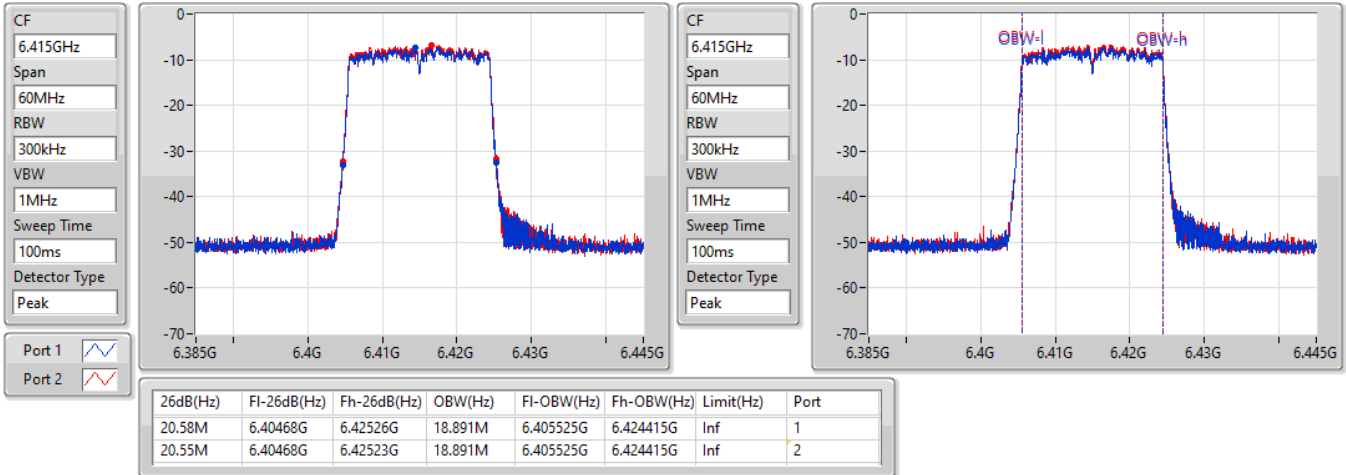


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6415MHz

15/06/2022

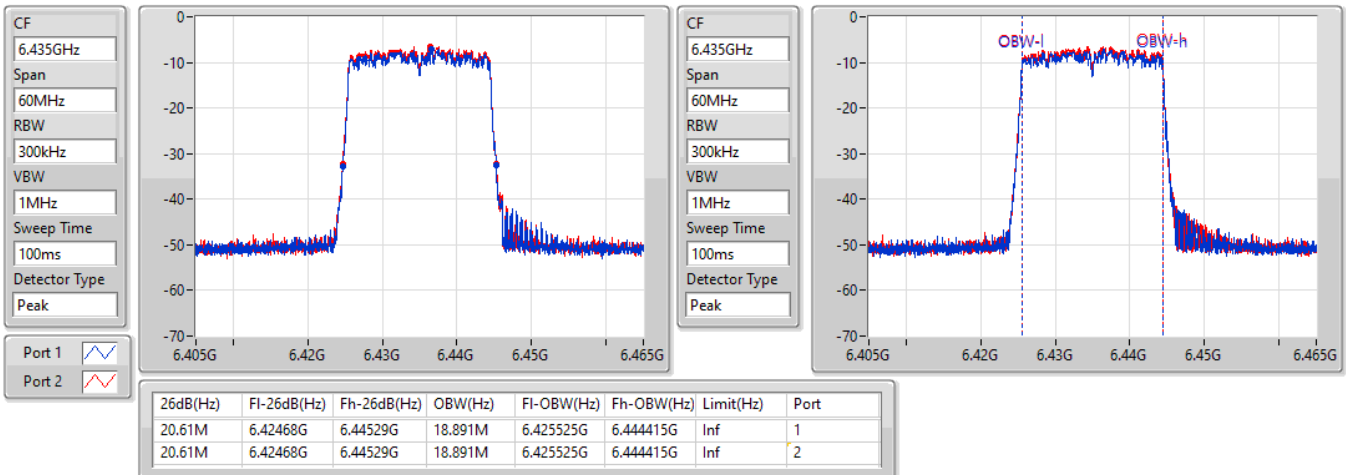


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6435MHz

15/06/2022

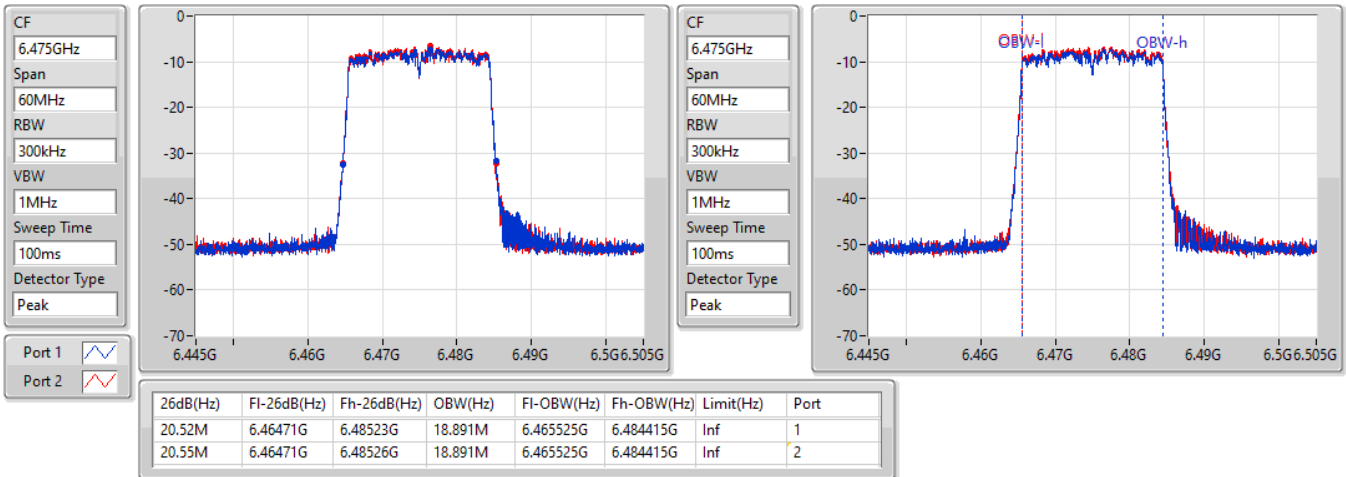


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6475MHz

15/06/2022

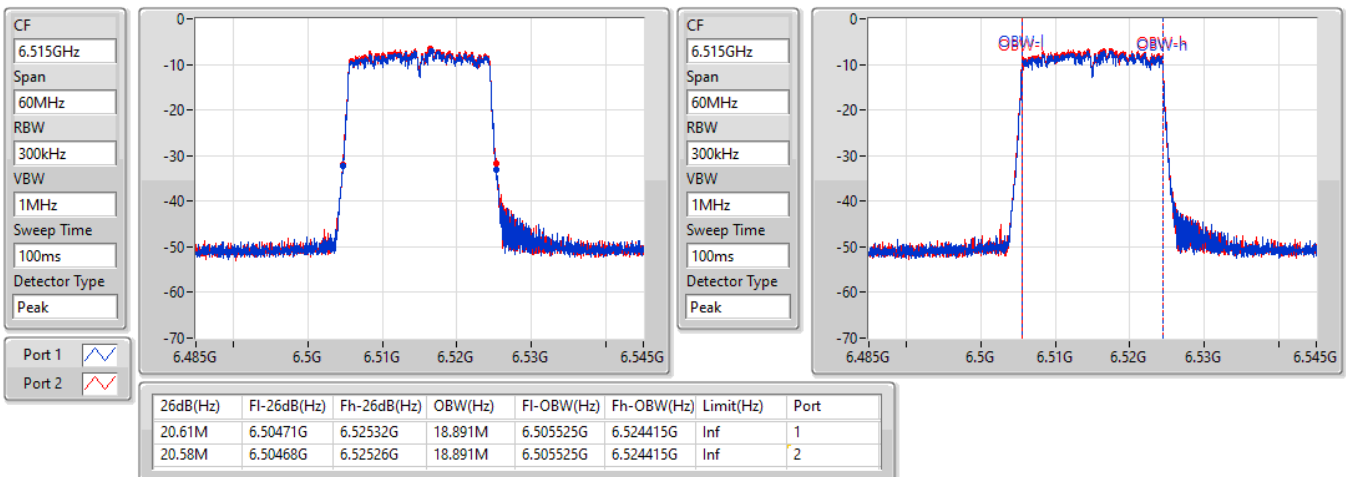


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6515MHz

15/06/2022

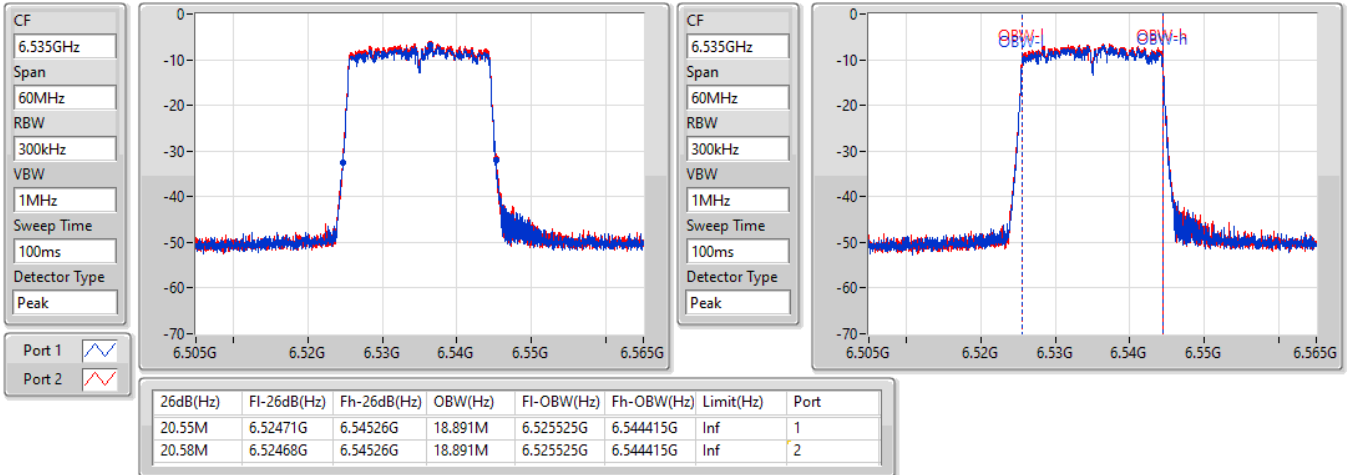


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6535MHz

15/06/2022

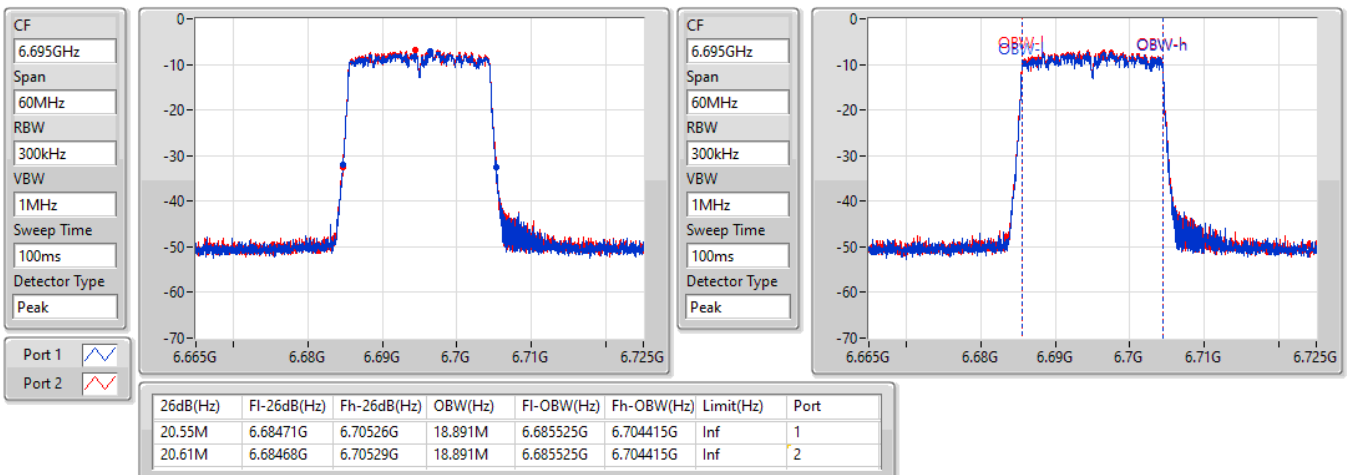


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6695MHz

15/06/2022

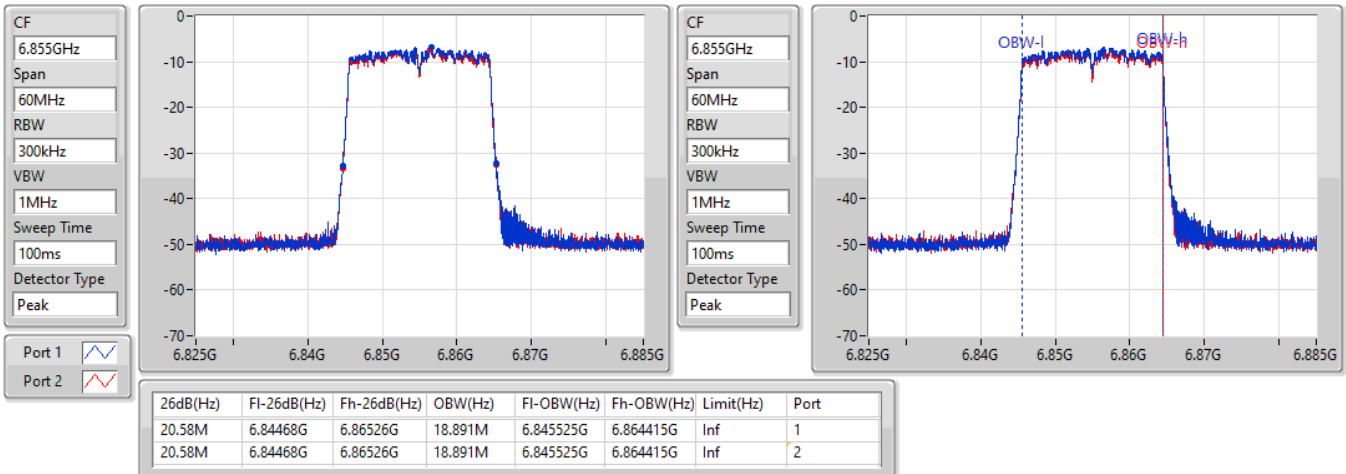


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6855MHz

15/06/2022

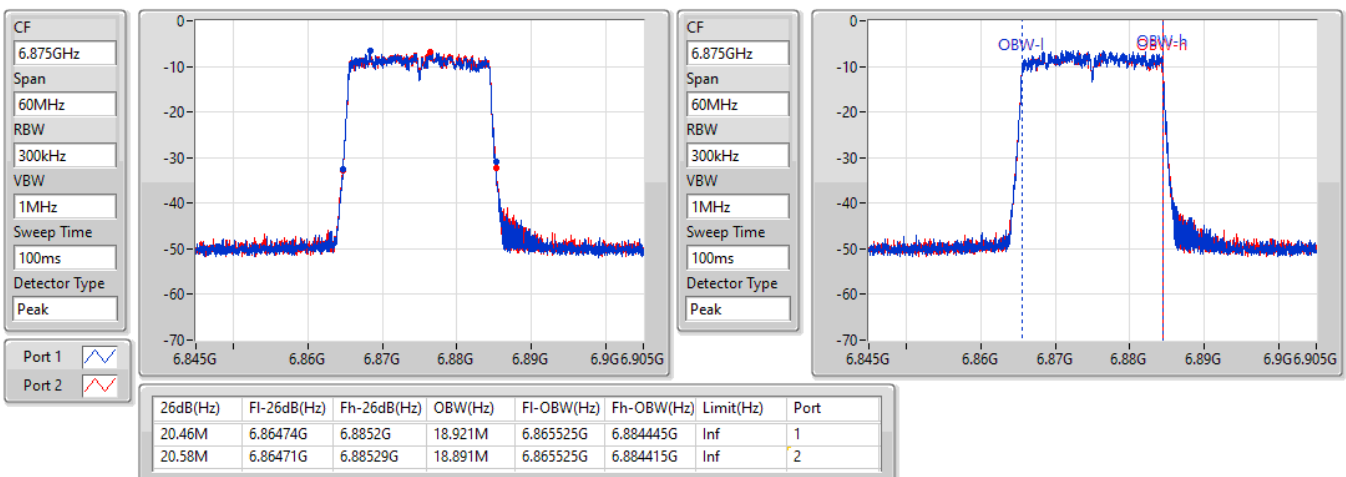


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

15/06/2022

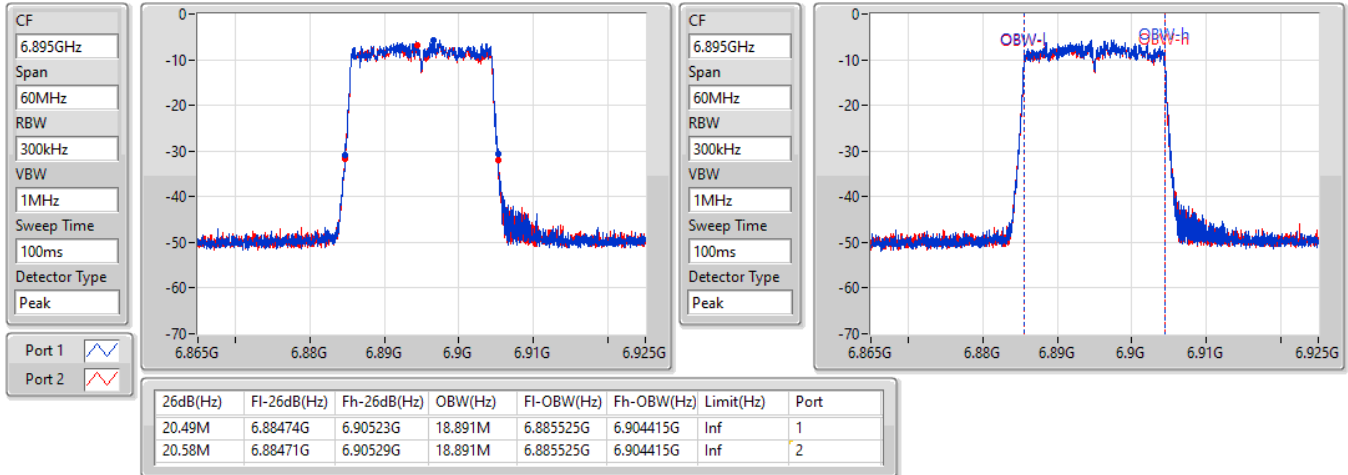


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6895MHz

15/06/2022

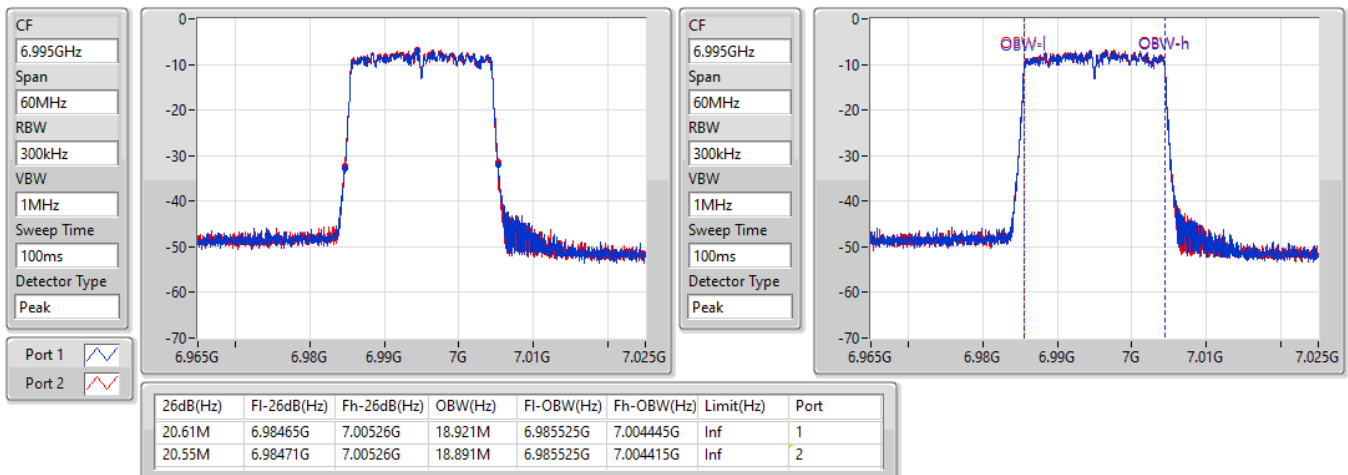


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

6995MHz

15/06/2022

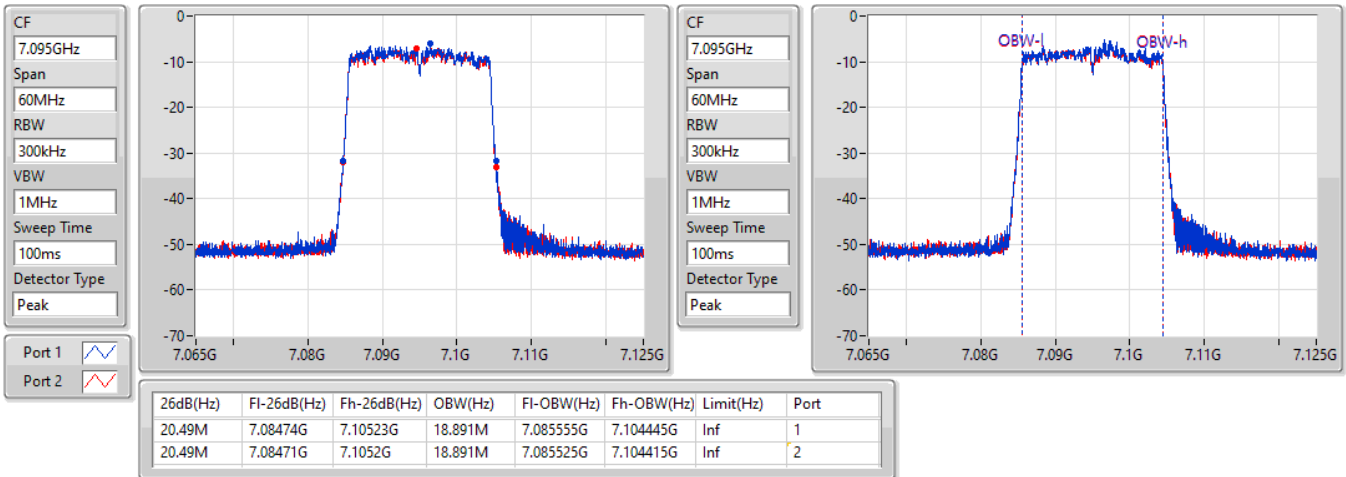


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

7095MHz

15/06/2022

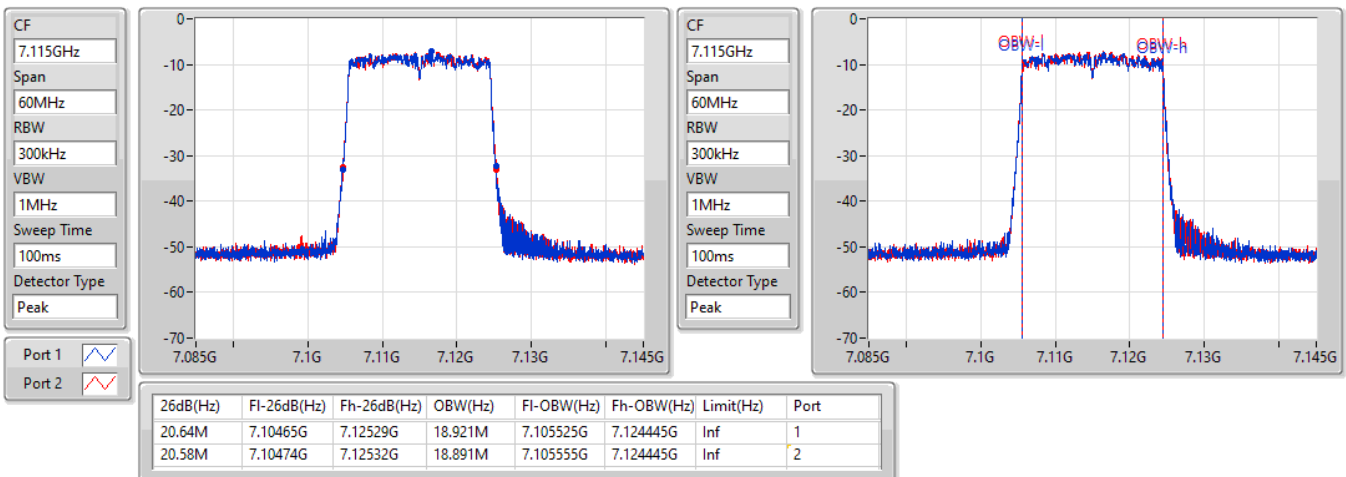


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

7115MHz

15/06/2022

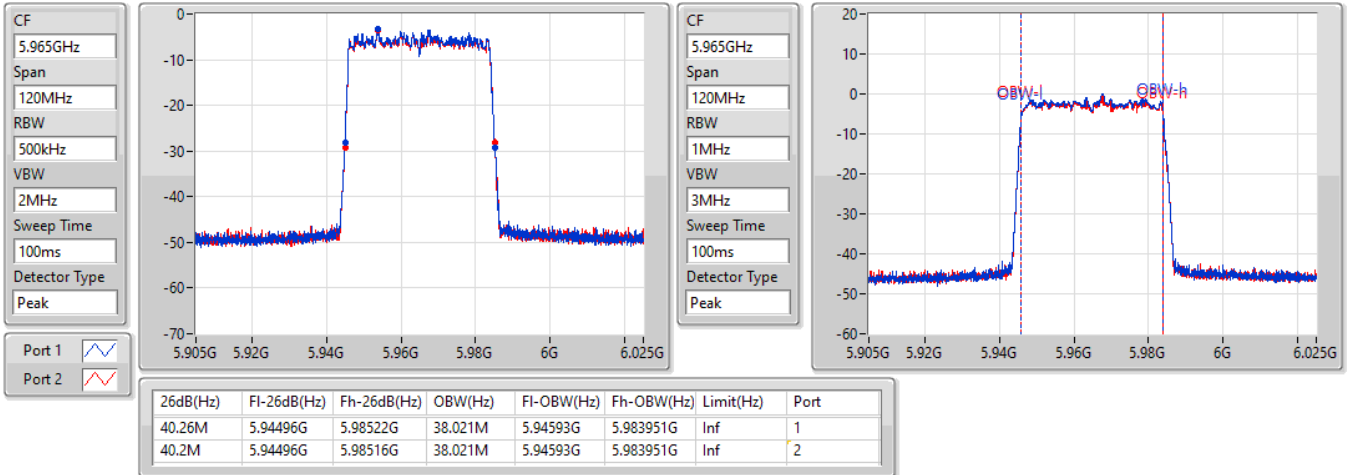


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5965MHz

15/06/2022

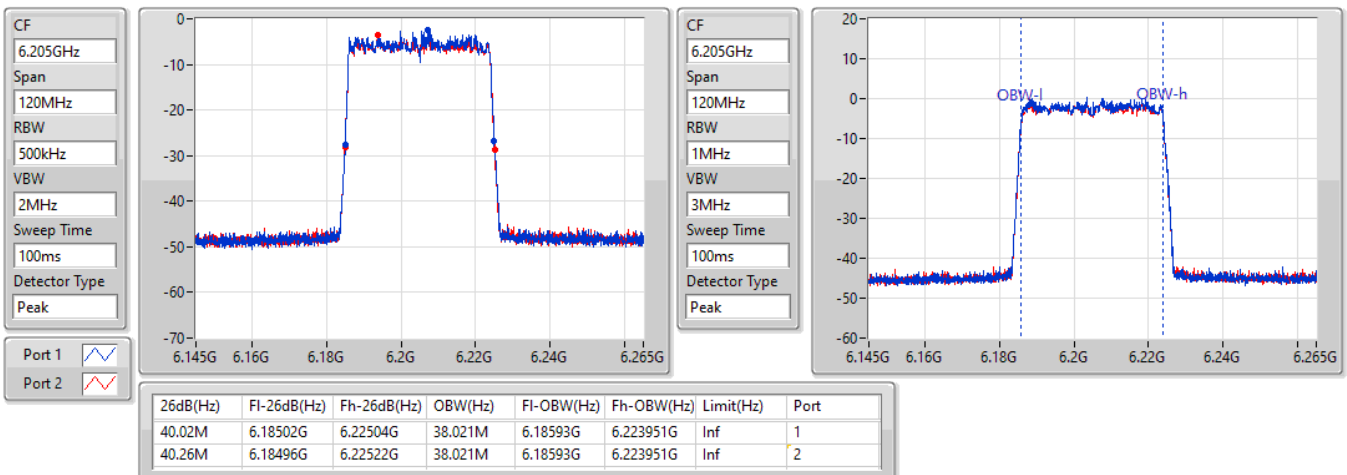


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6205MHz

15/06/2022

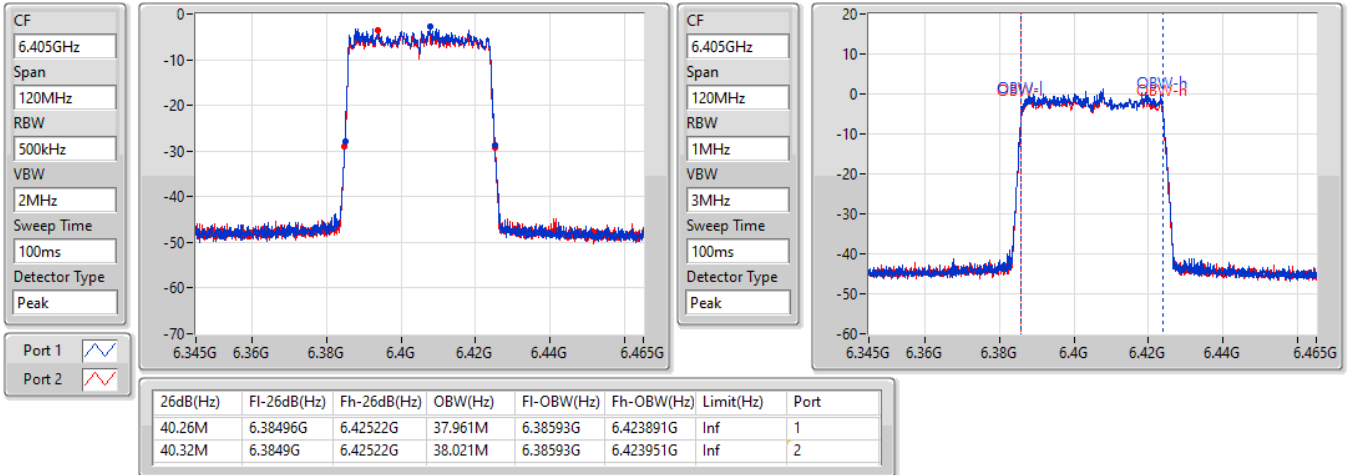


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6405MHz

15/06/2022

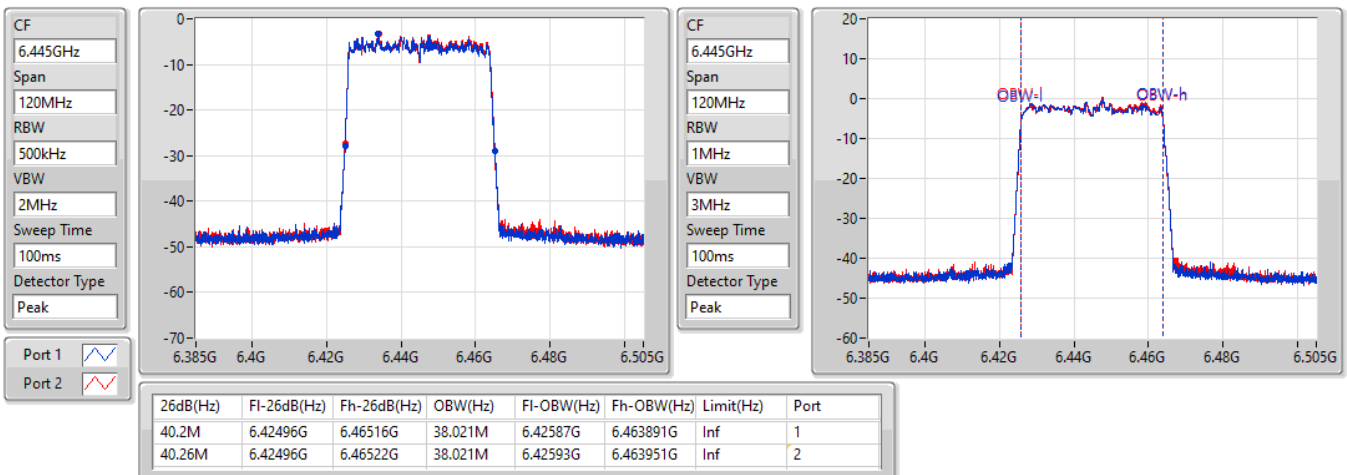


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6445MHz

15/06/2022

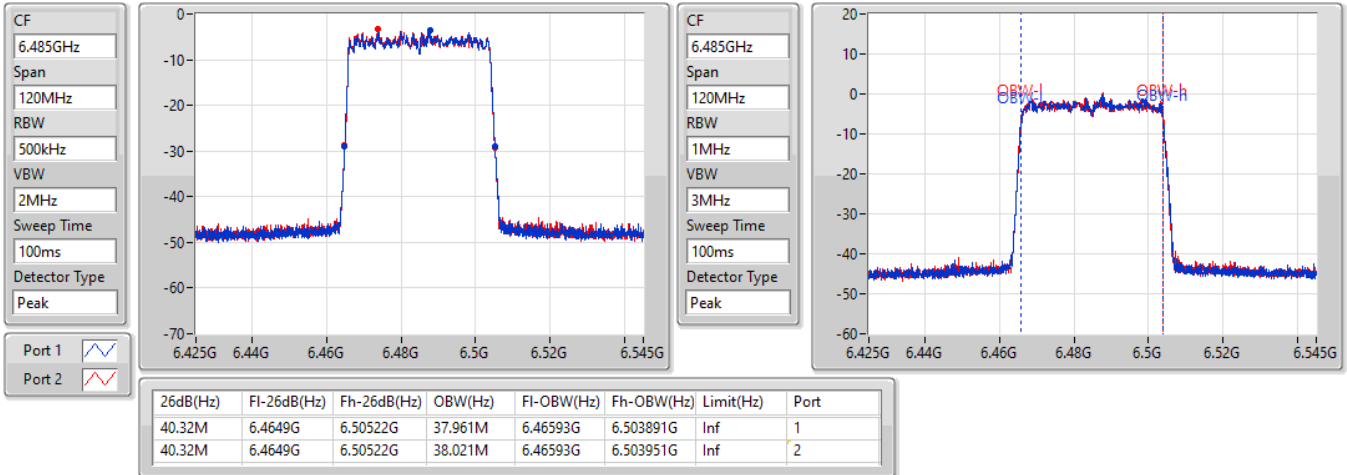


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6485MHz

15/06/2022

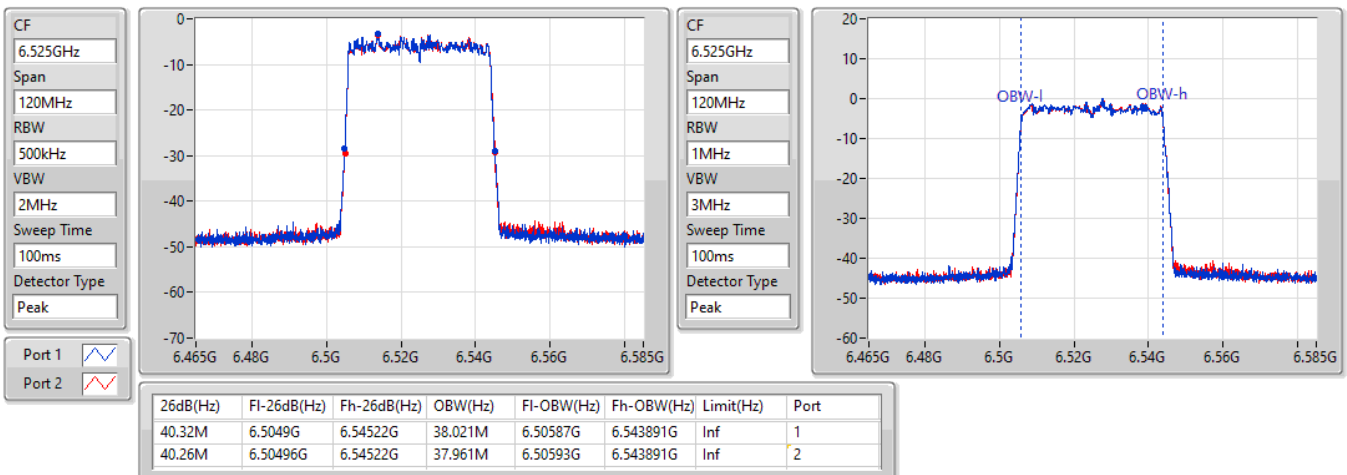


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6525MHz Straddle 6.425-6.525GHz

15/06/2022

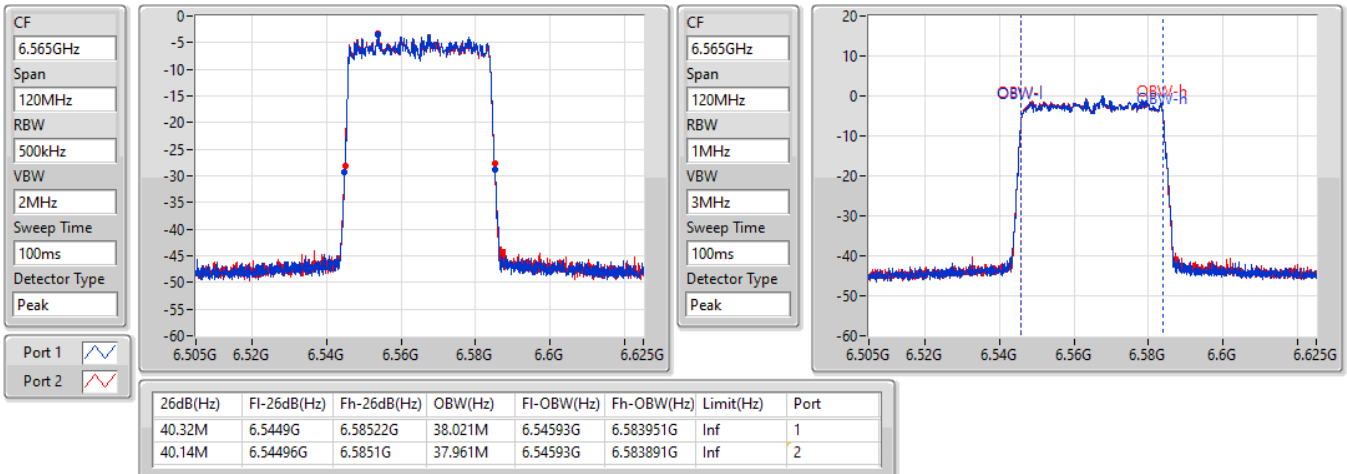


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6565MHz

15/06/2022

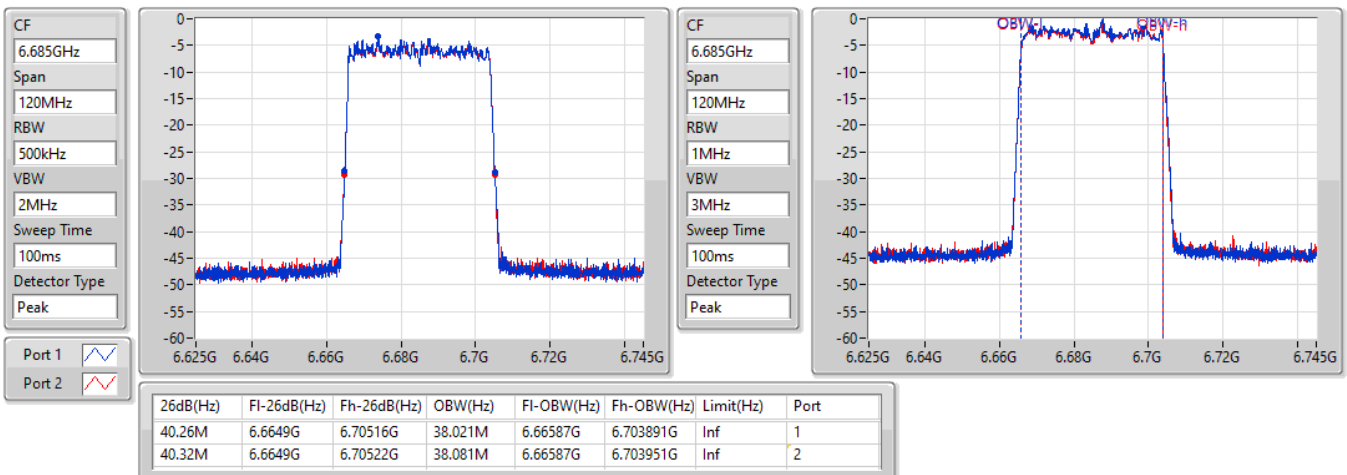


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6685MHz

15/06/2022

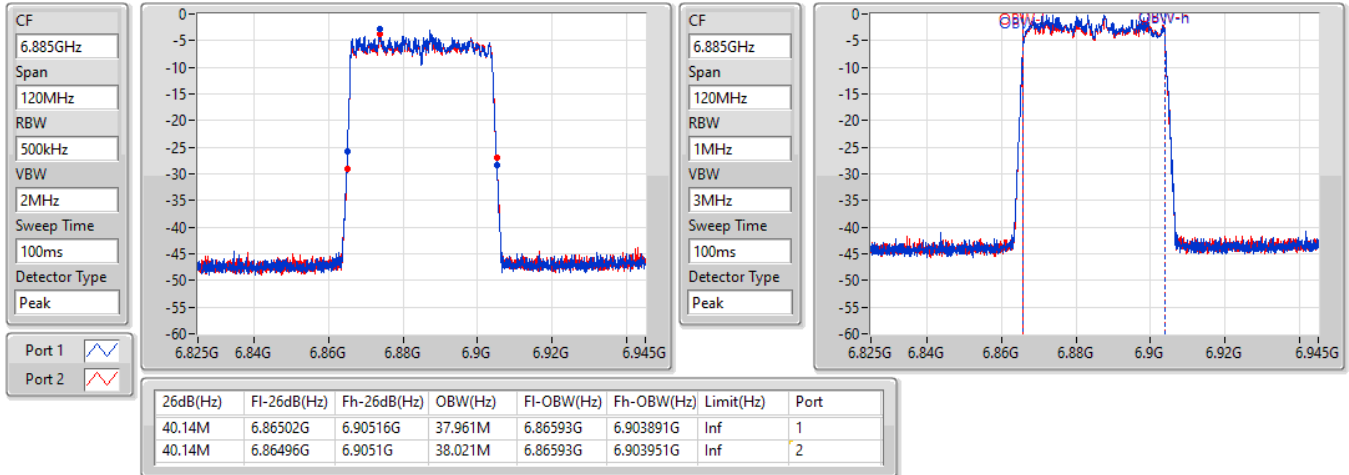


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6885MHz Straddle 6.525-6.875GHz

15/06/2022

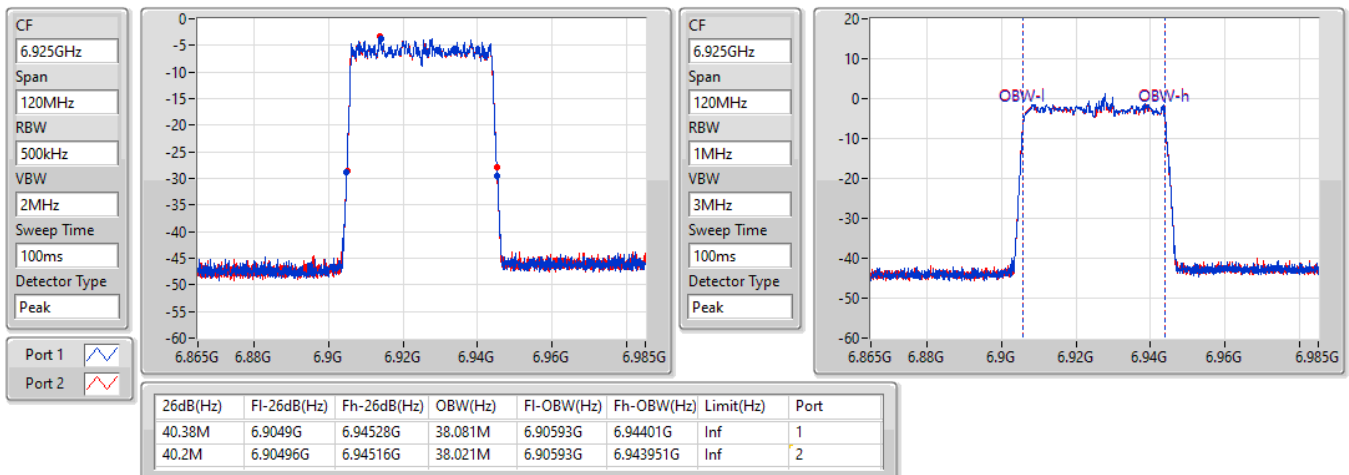


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

6925MHz

15/06/2022

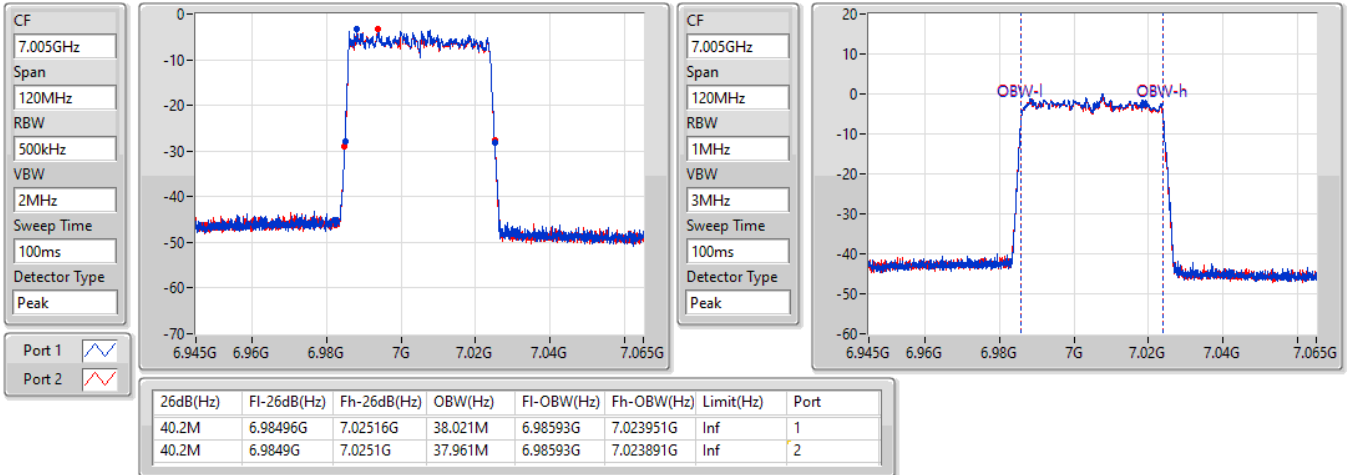


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

7005MHz

15/06/2022

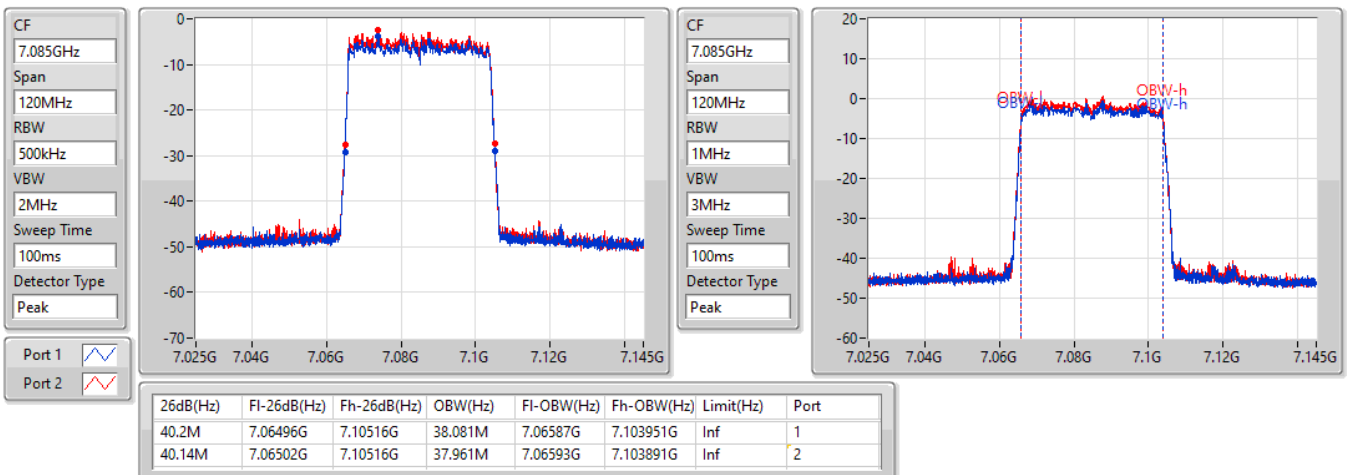


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

7085MHz

15/06/2022

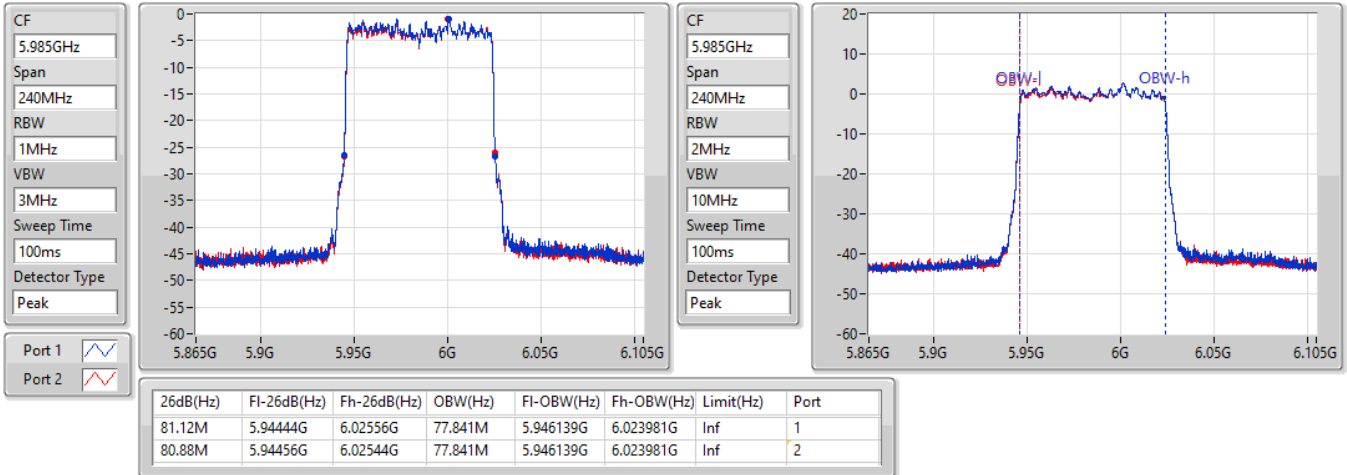


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5985MHz

16/06/2022

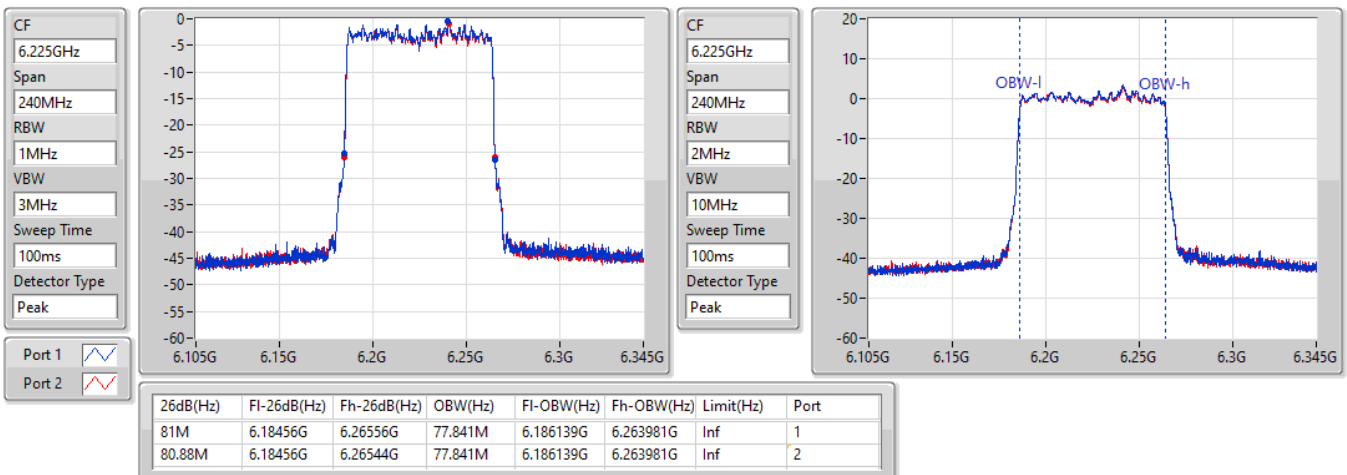


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6225MHz

16/06/2022

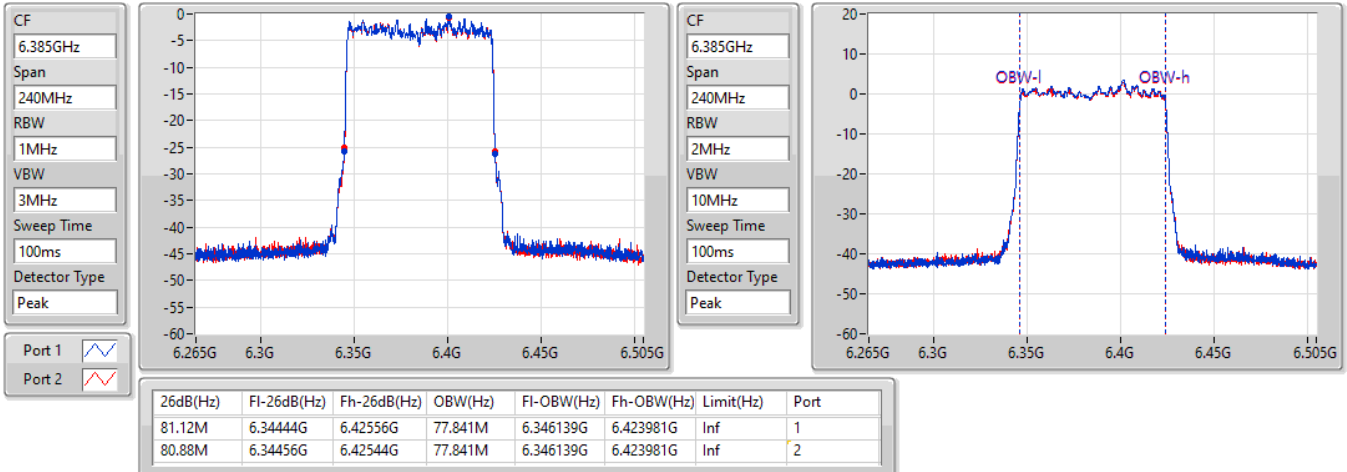


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6385MHz

16/06/2022

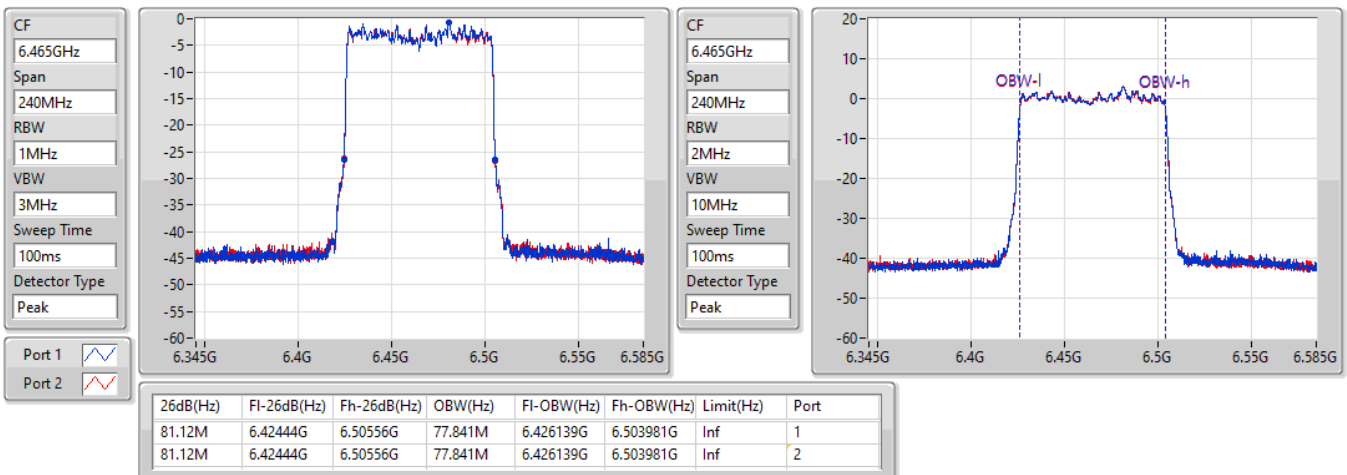


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6465MHz

16/06/2022

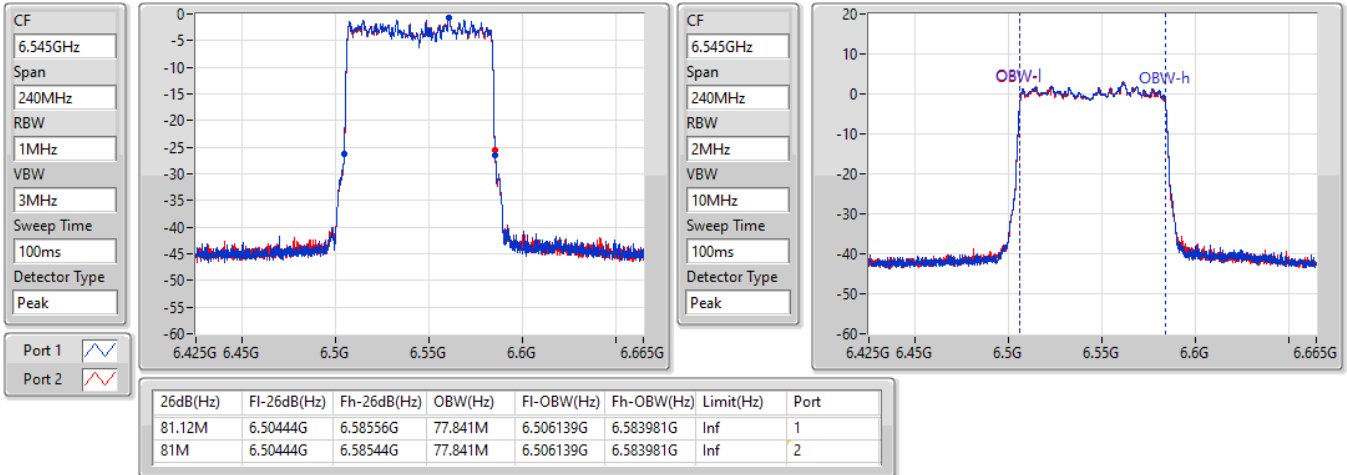


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6545MHz Straddle 6.425-6.525GHz

16/06/2022

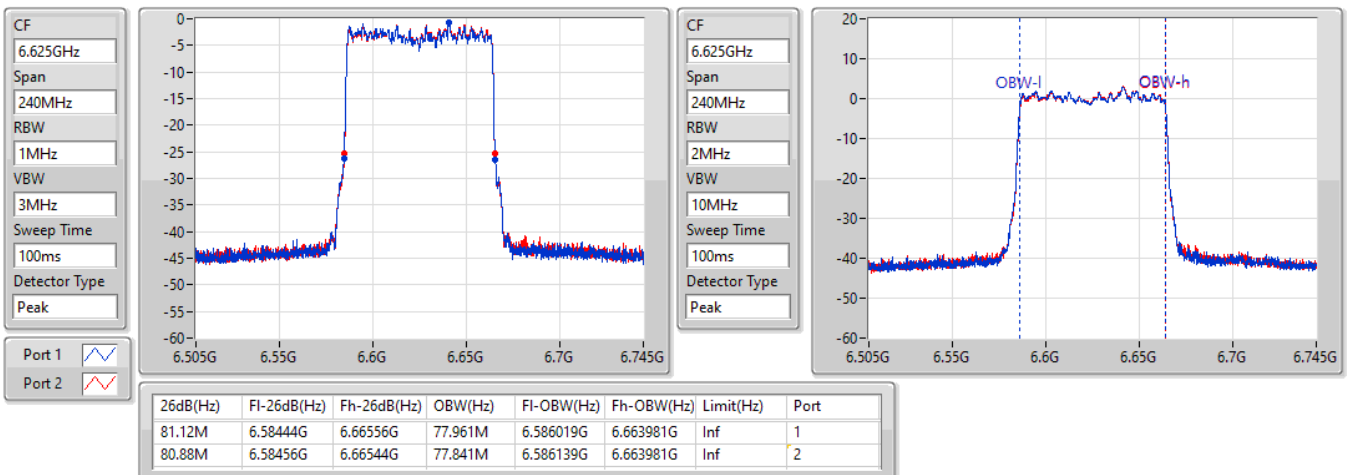


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6625MHz

16/06/2022

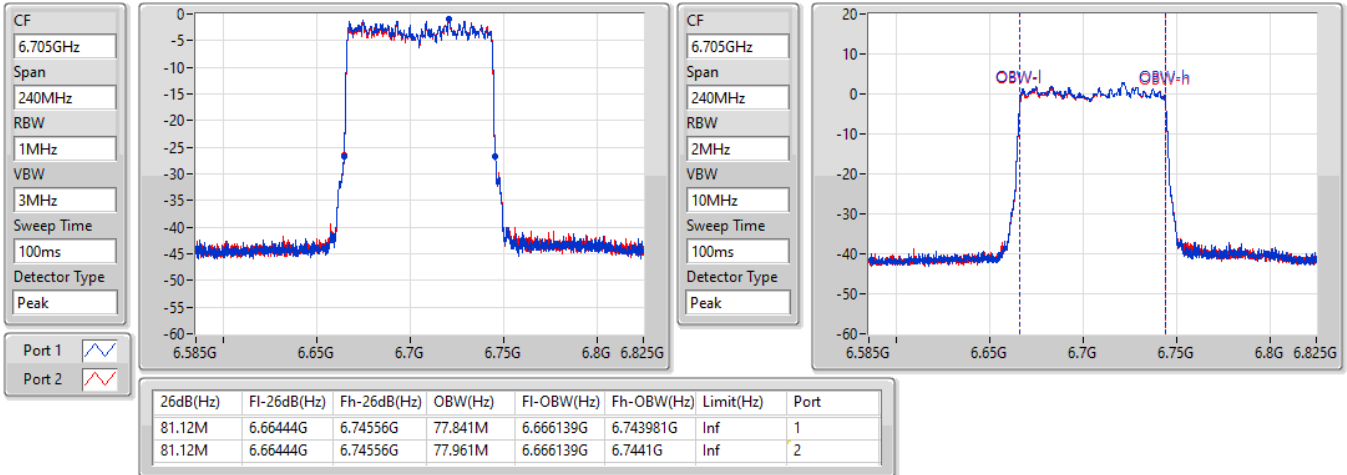


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6705MHz

16/06/2022

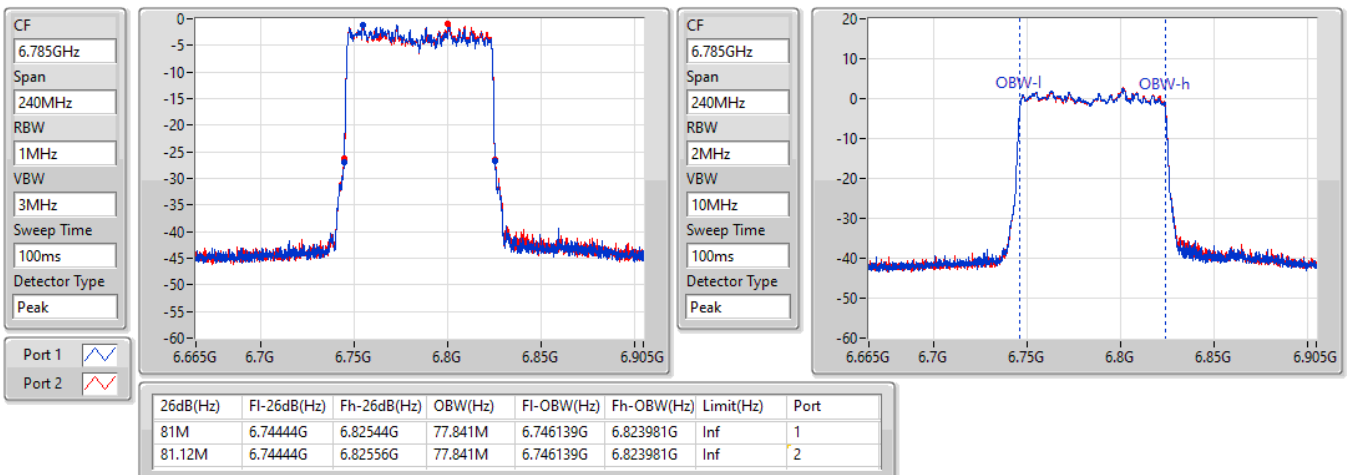


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6785MHz

16/06/2022

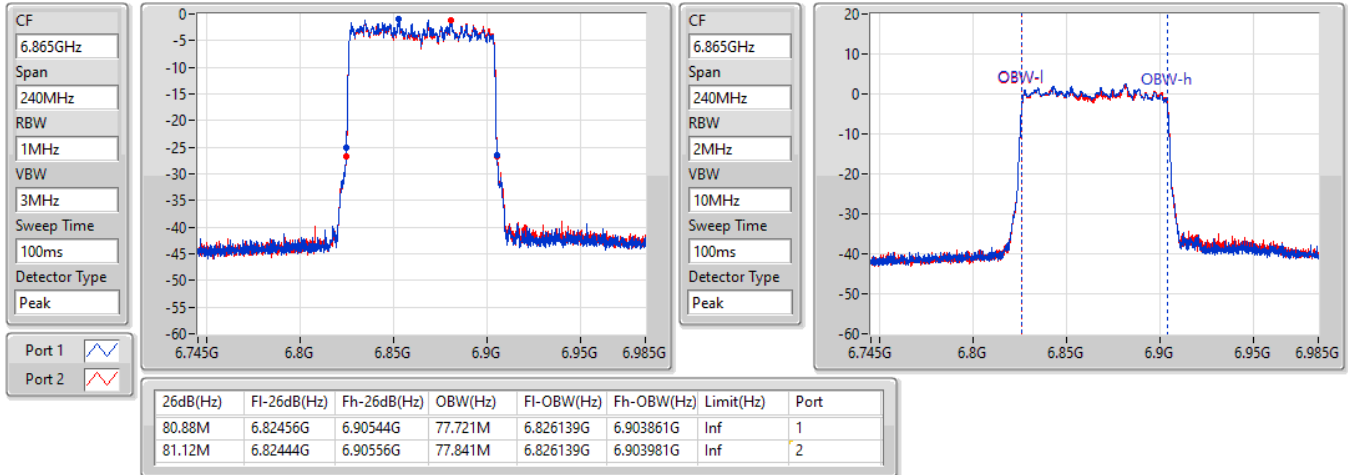


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6865MHz Straddle 6.525-6.875GHz

16/06/2022

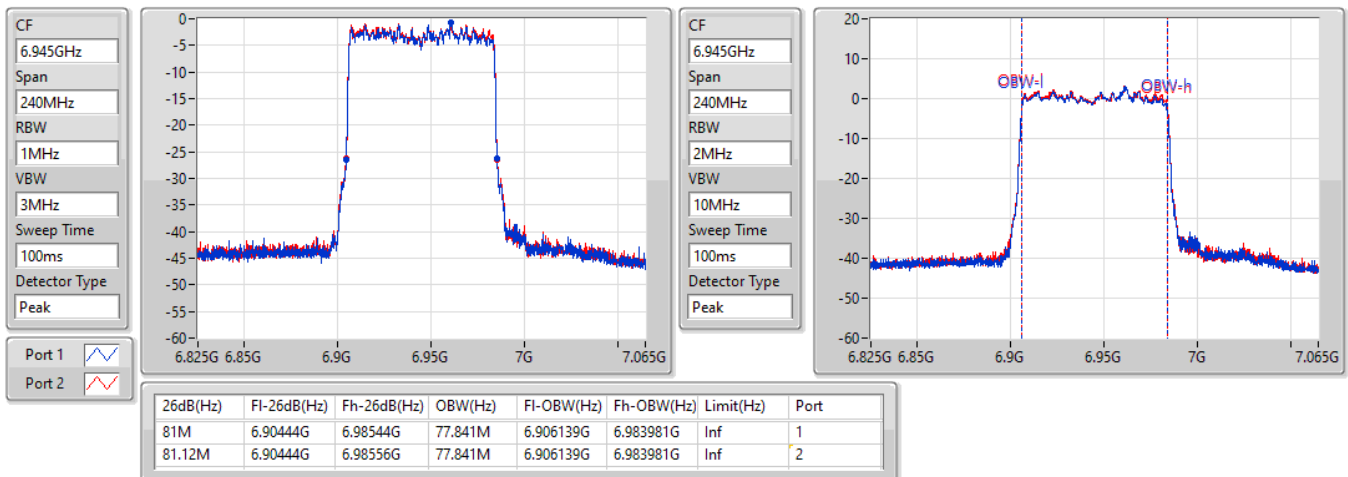


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

6945MHz

16/06/2022

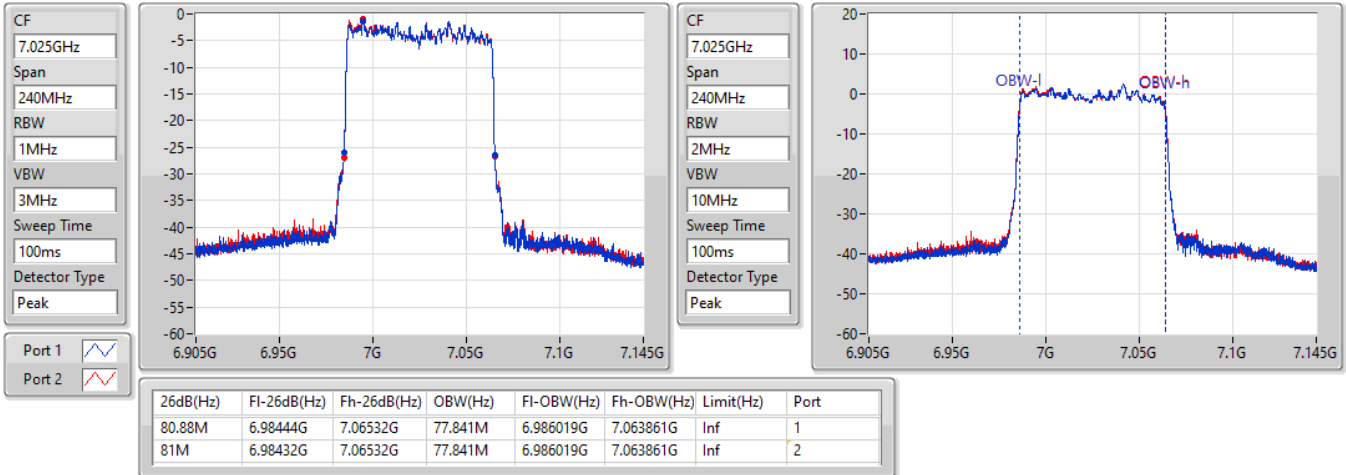


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

7025MHz

16/06/2022

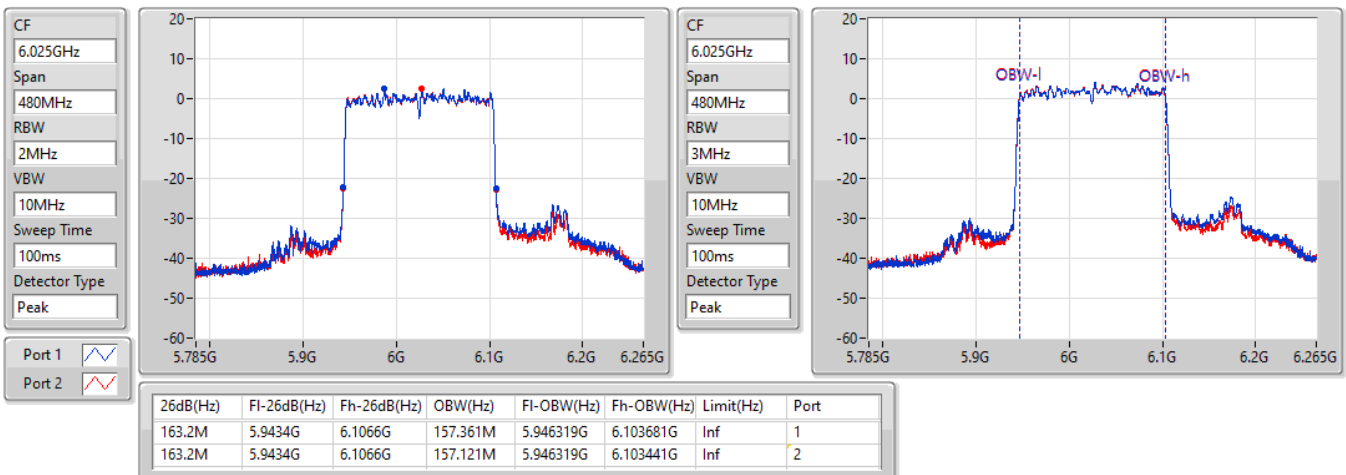


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6025MHz

17/06/2022

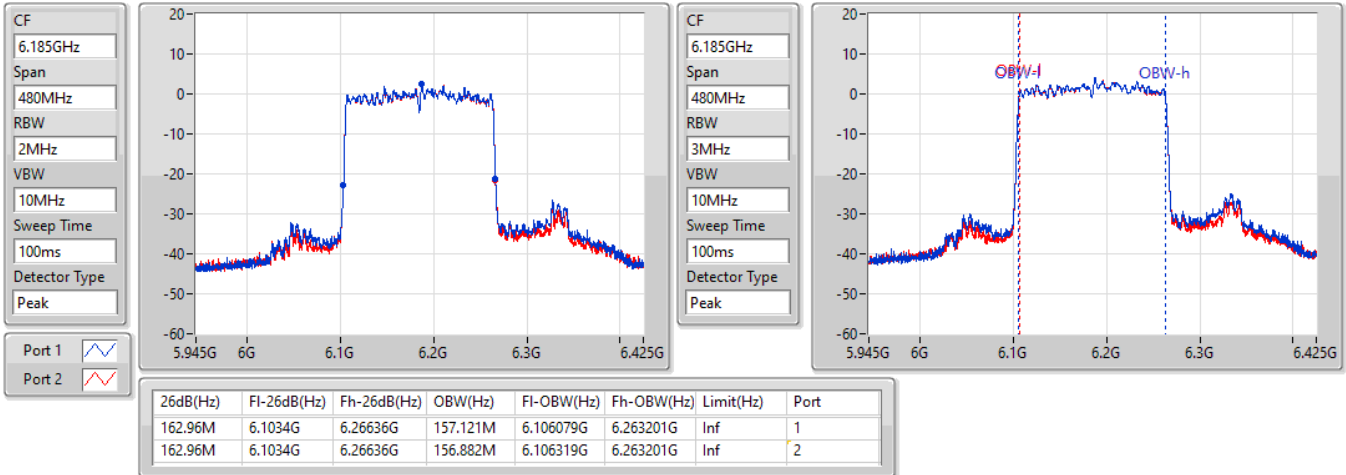


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6185MHz

17/06/2022

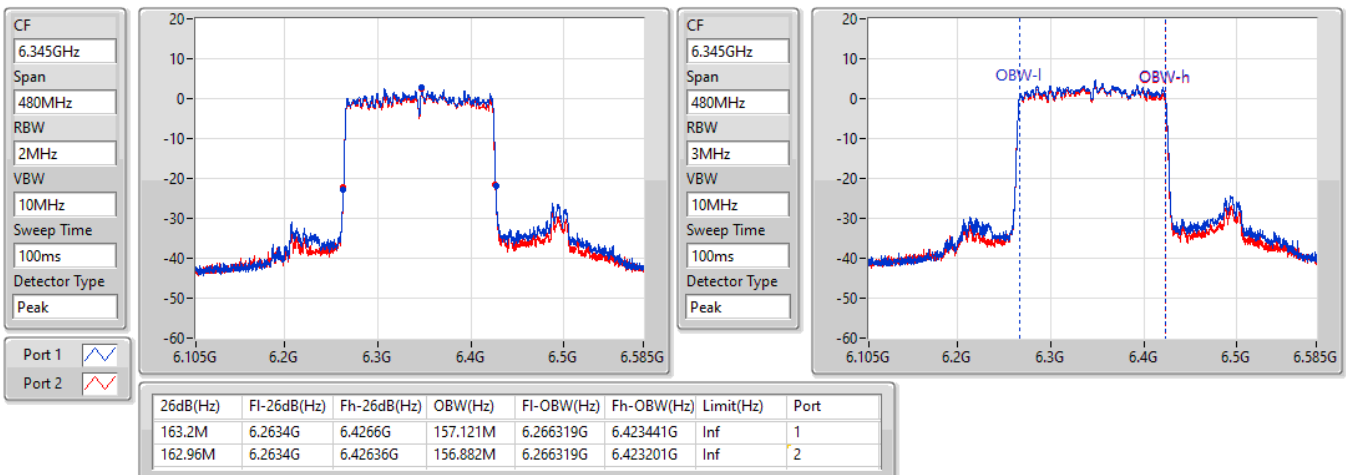


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6345MHz

17/06/2022

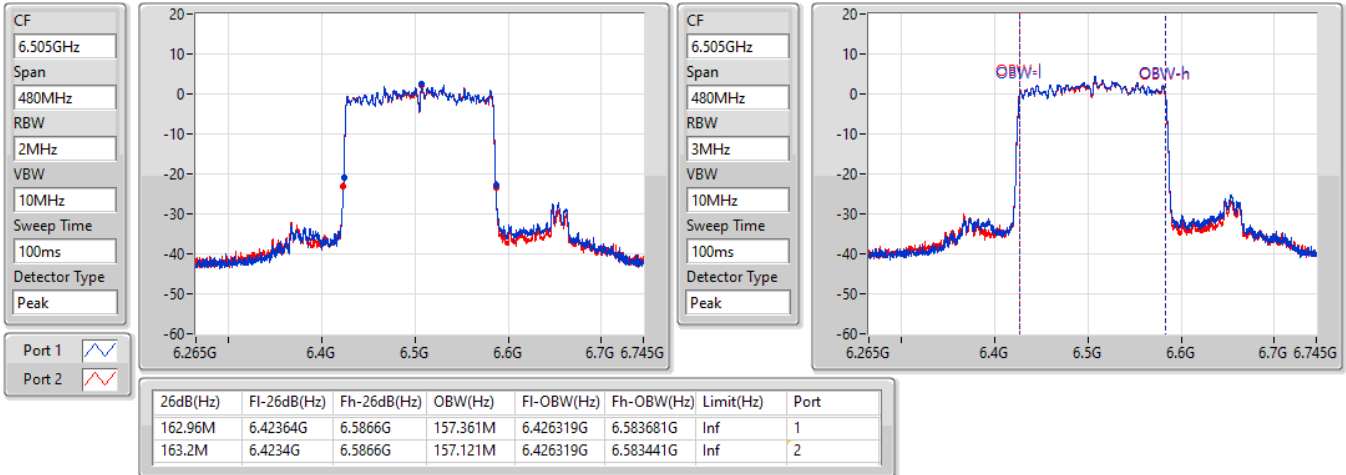


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6505MHz Straddle 6.425-6.525GHz

17/06/2022

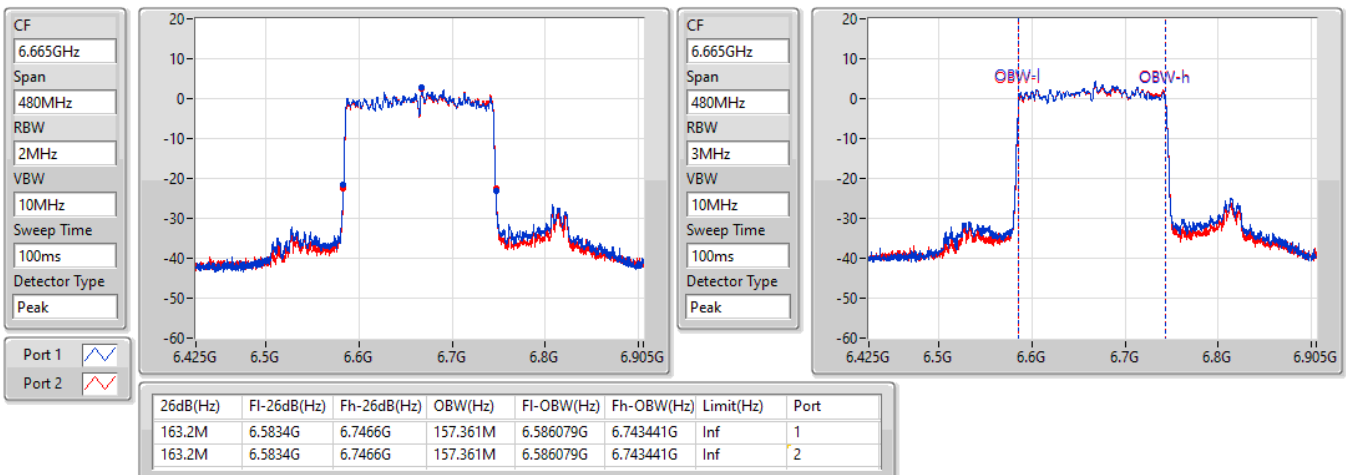


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6665MHz

17/06/2022

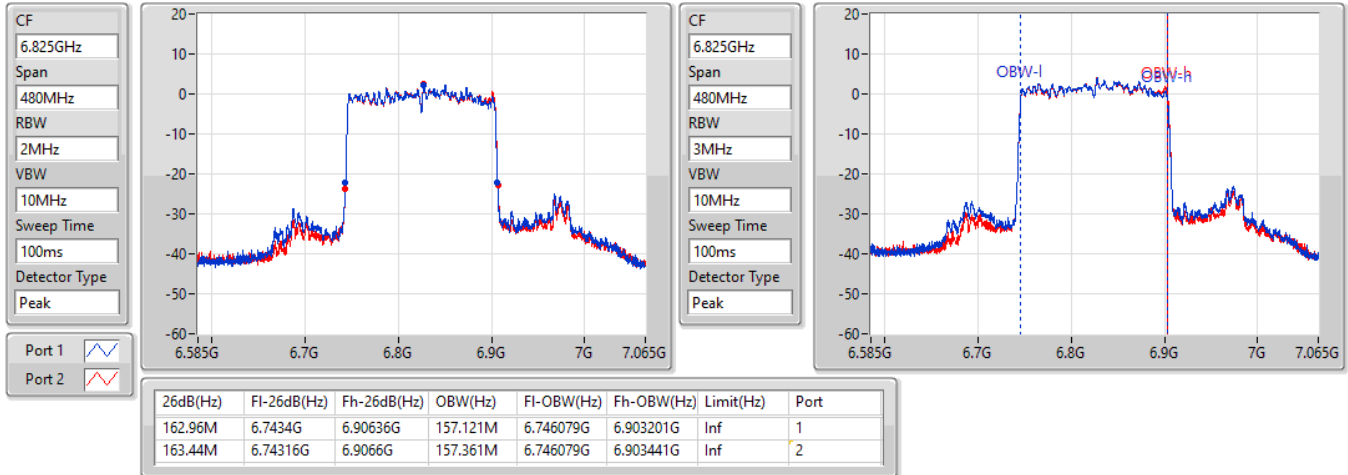


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6825MHz Straddle 6.525-6.875GHz

17/06/2022

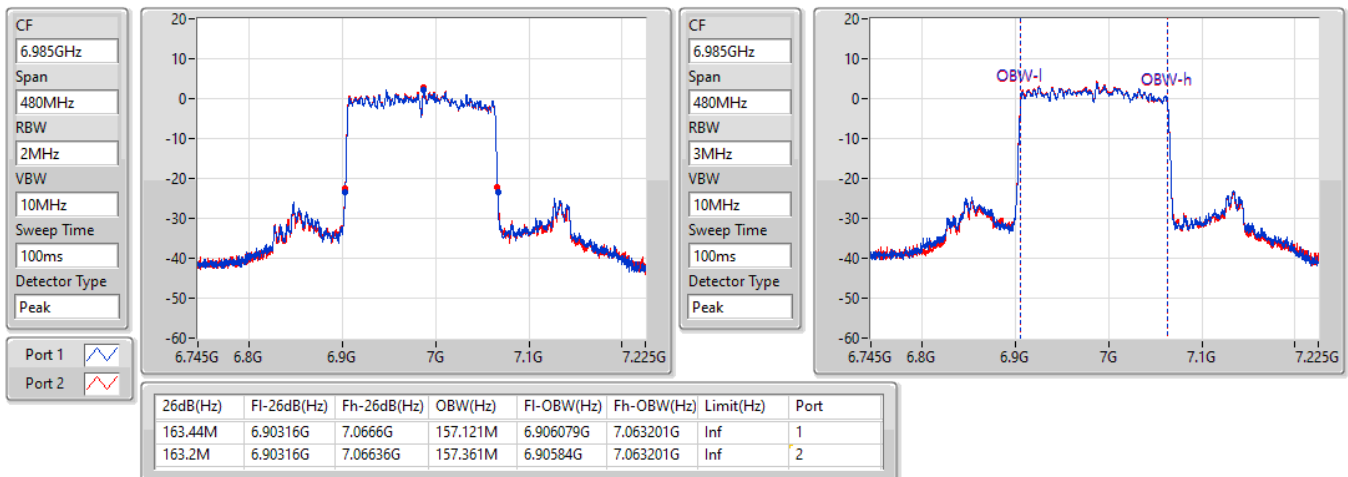


802.11ax HEW160-BF_Nss1,(MCS0)_2TX

EBW

6985MHz

17/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.35M	17.511M	17M5D1D	19.08M	17.421M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	17.361M	17M4D1D	19.17M	16.972M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.35M	17.541M	17M5D1D	18.93M	17.211M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.38M	17.661M	17M7D1D	19.05M	17.271M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.35M	17.421M
6195MHz	Pass	Inf	19.26M	17.511M
6415MHz	Pass	Inf	19.08M	17.451M
6435MHz	Pass	Inf	19.32M	16.972M
6475MHz	Pass	Inf	19.17M	17.361M
6515MHz	Pass	Inf	19.29M	17.301M
6535MHz	Pass	Inf	19.32M	17.301M
6695MHz	Pass	Inf	19.35M	17.361M
6855MHz	Pass	Inf	19.23M	17.541M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	18.93M	17.211M
6895MHz	Pass	Inf	19.35M	17.511M
6995MHz	Pass	Inf	19.17M	17.661M
7095MHz	Pass	Inf	19.38M	17.391M
7115MHz	Pass	Inf	19.05M	17.271M

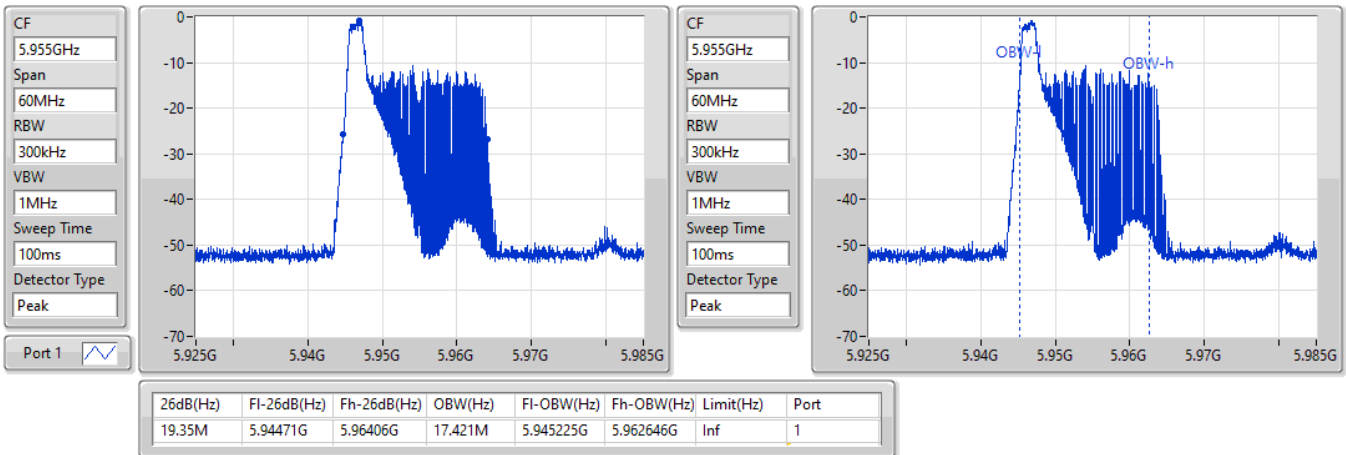
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

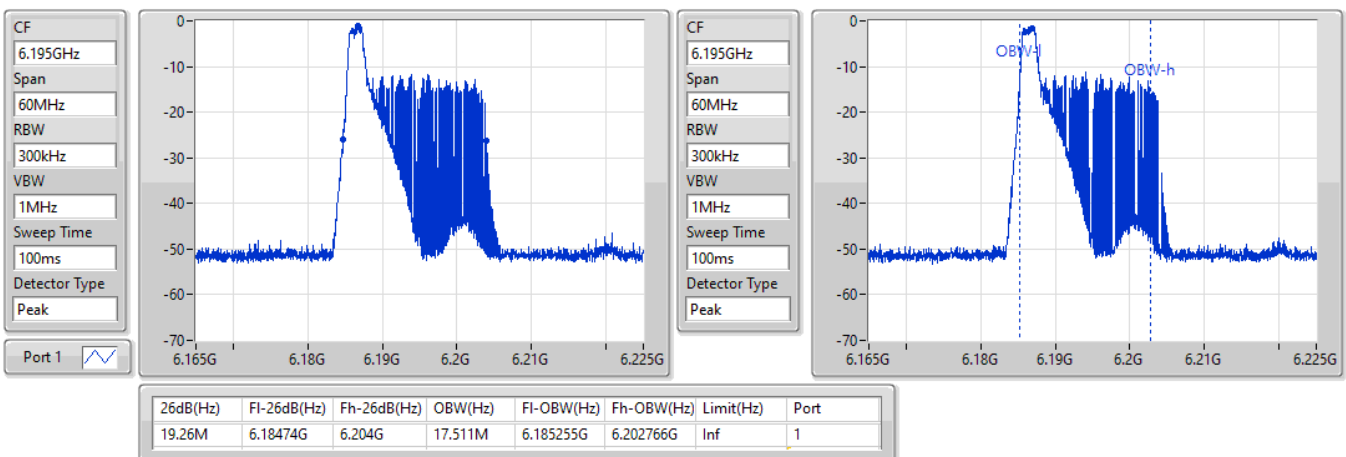


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

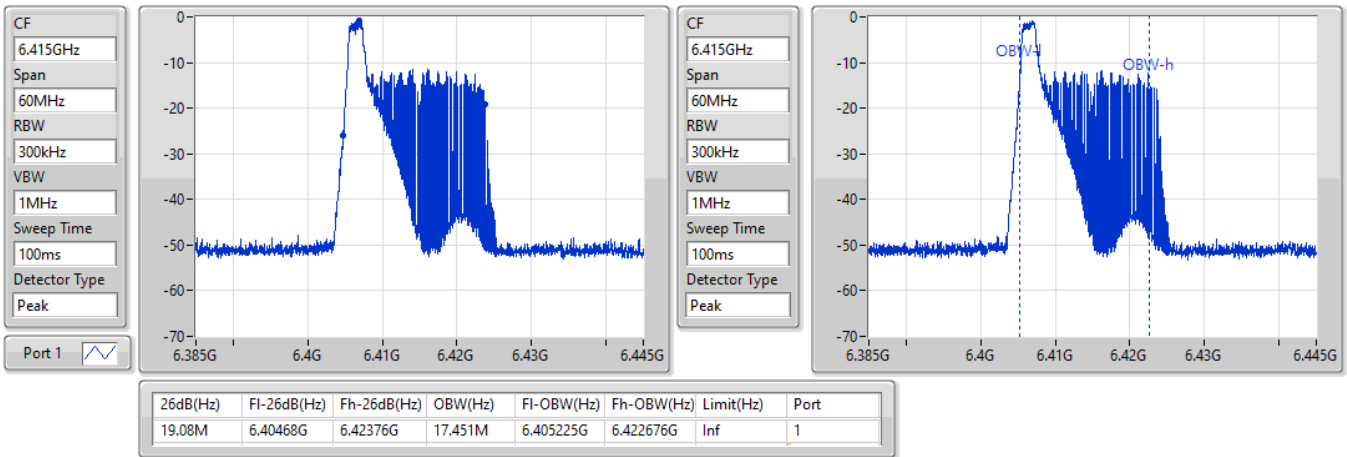


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

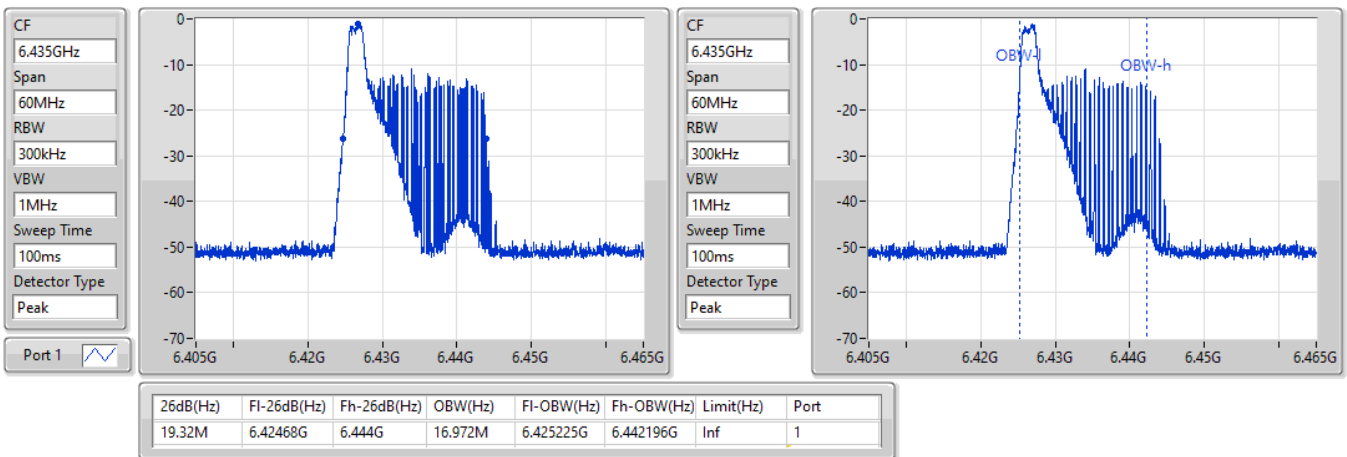


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

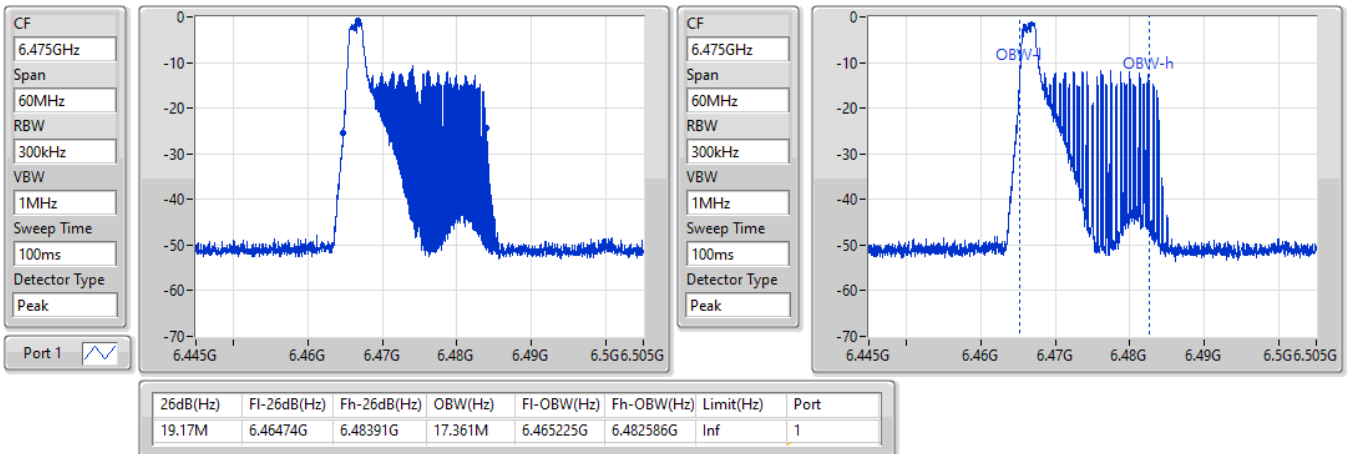


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

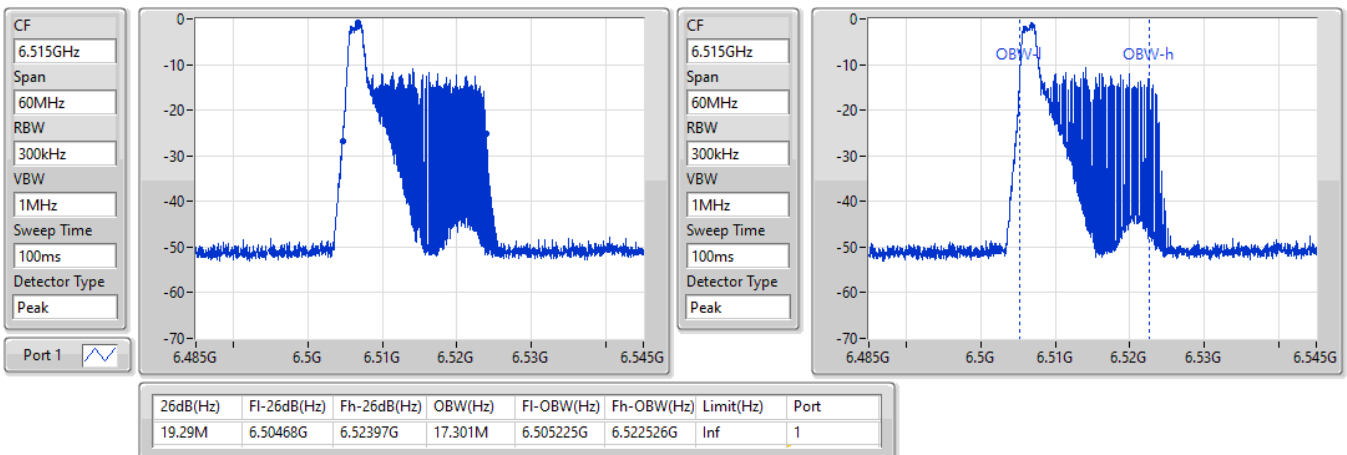


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

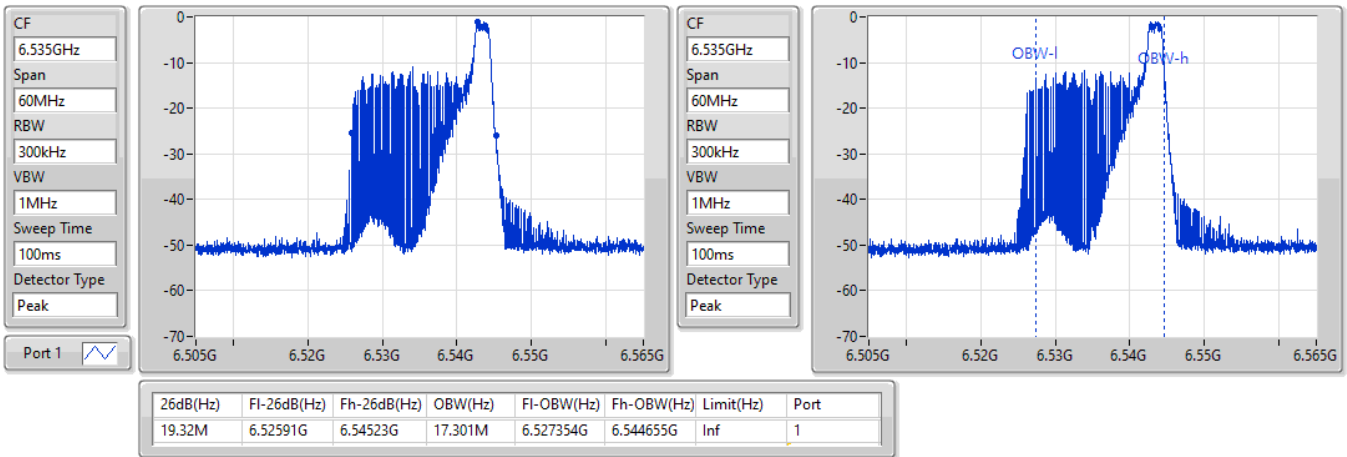


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

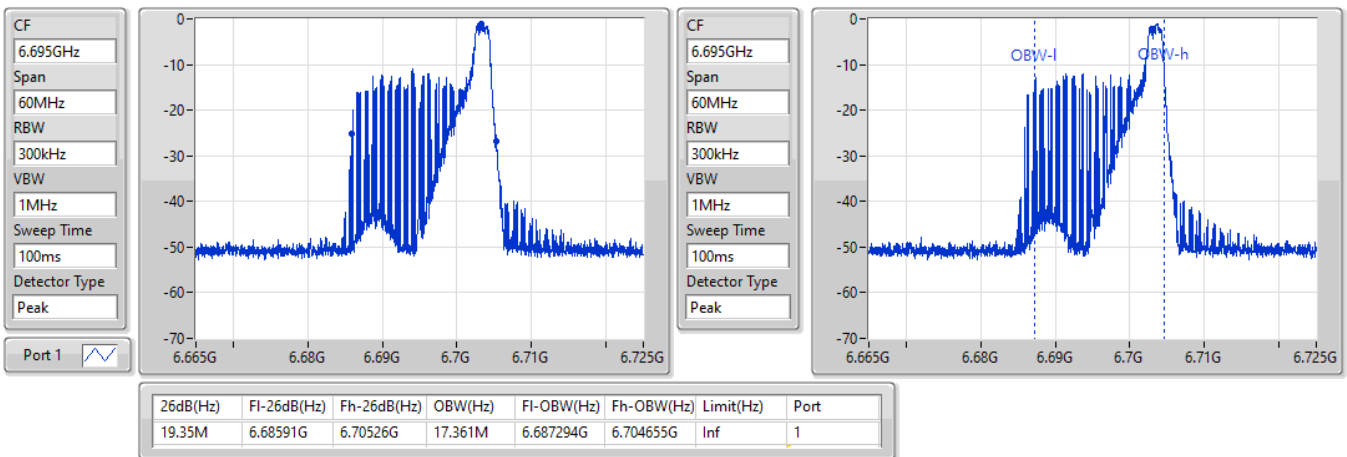


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

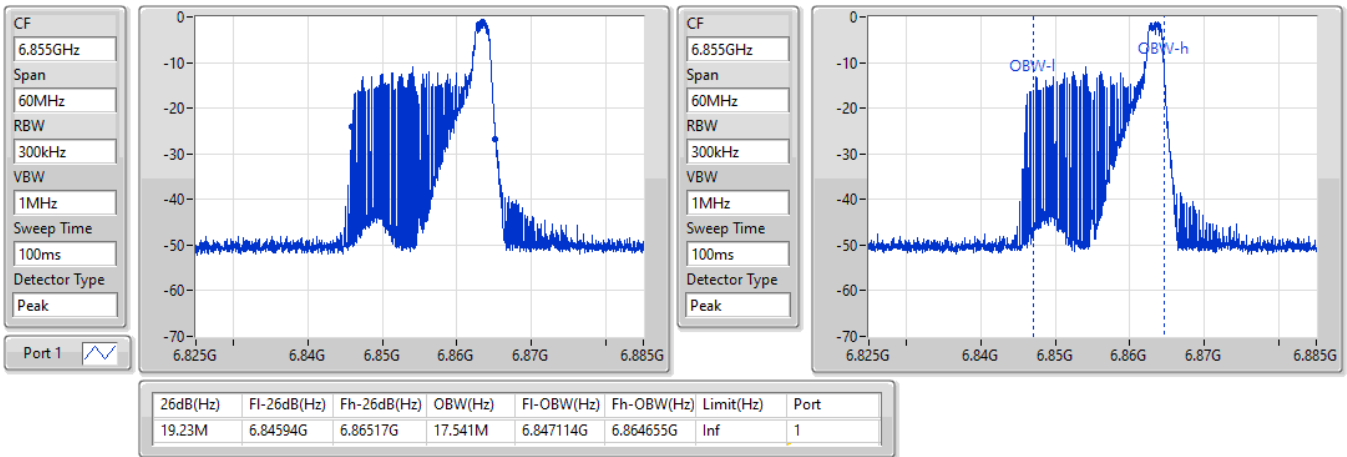


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

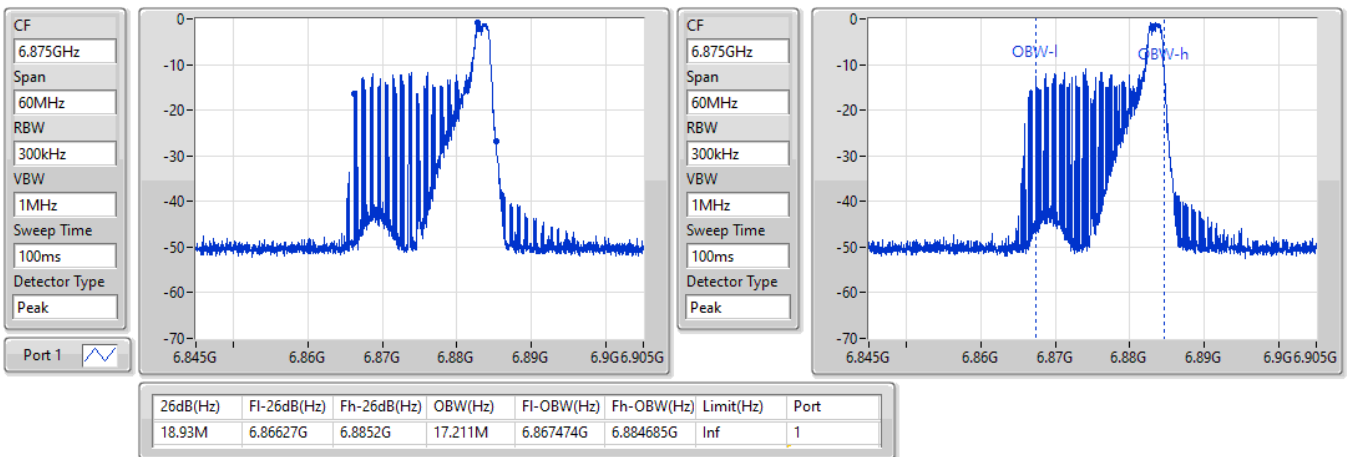


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

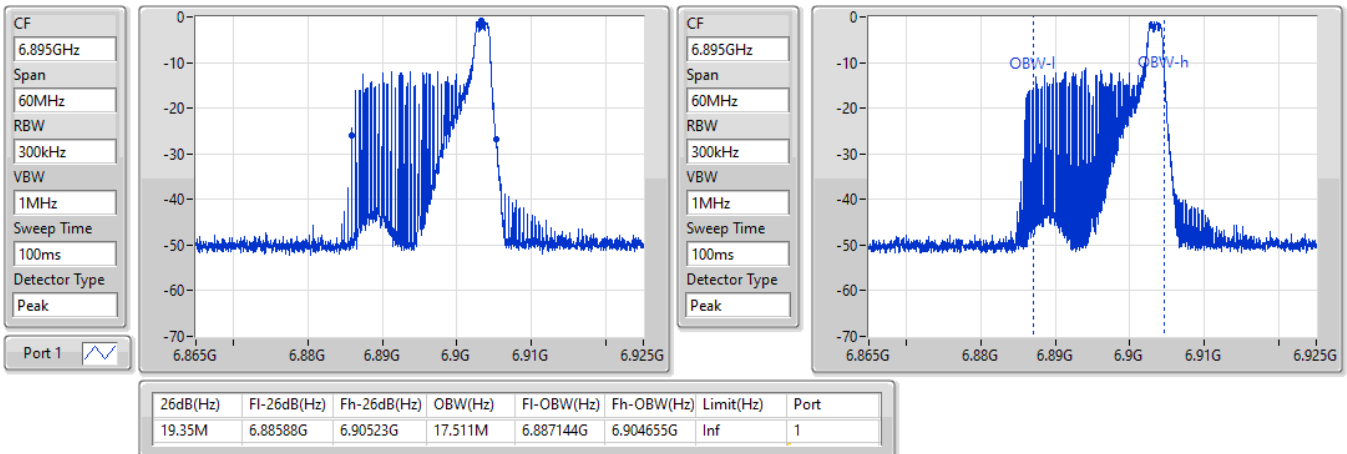


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

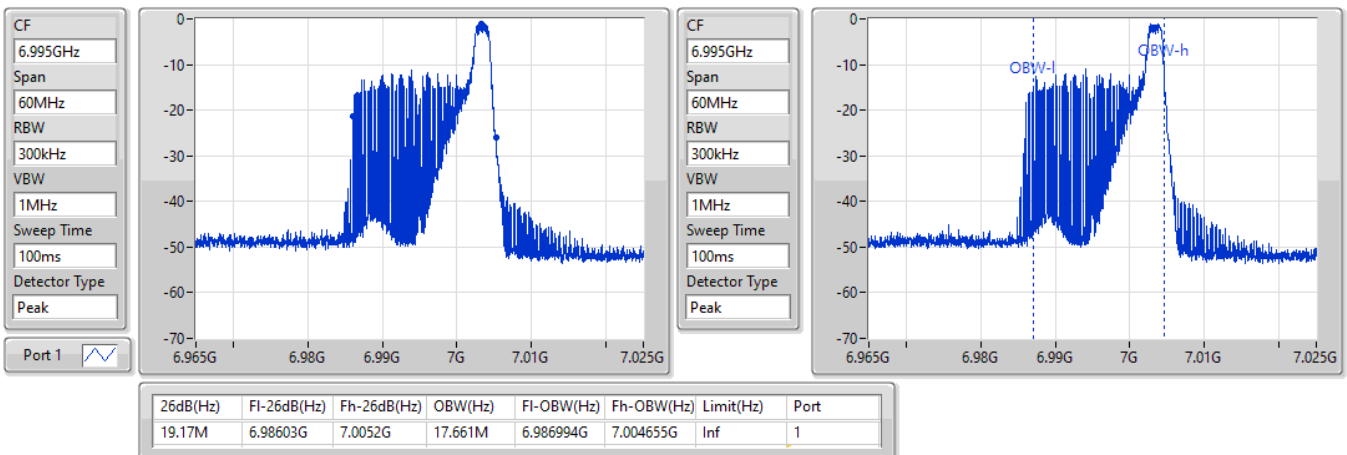


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

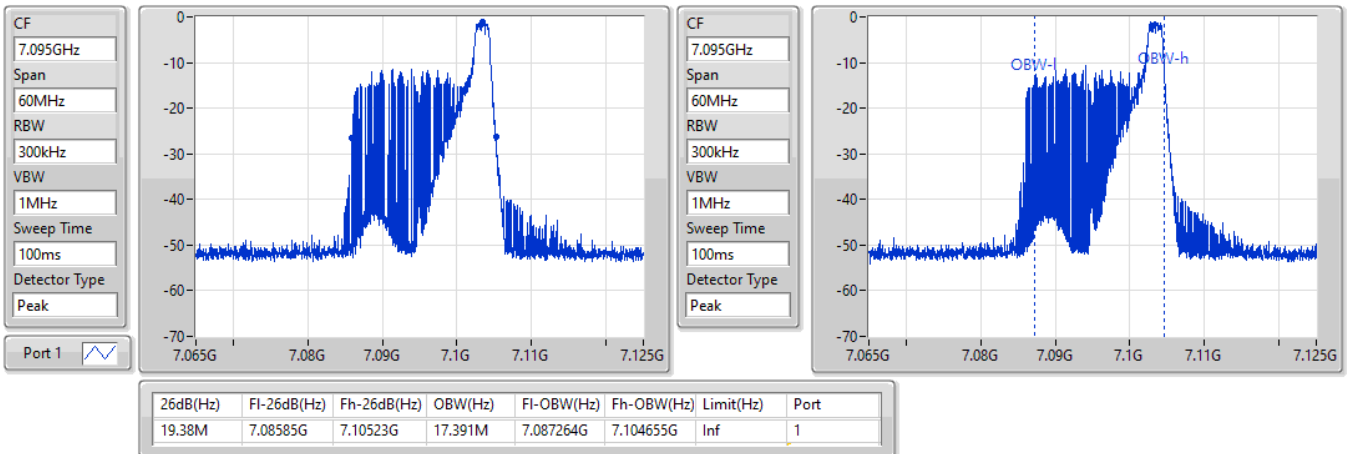


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

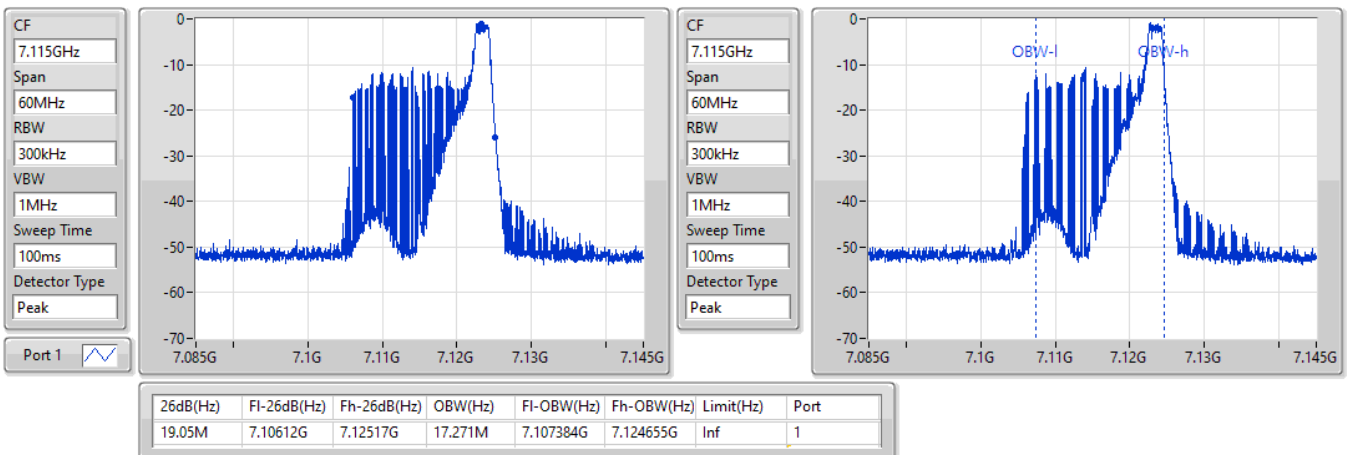


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	18.081M	18M1D1D	19.29M	18.021M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	18.081M	18M1D1D	19.29M	18.051M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.44M	18.111M	18M1D1D	19.41M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.44M	18.111M	18M1D1D	19.44M	18.111M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.32M	18.051M
6195MHz	Pass	Inf	19.29M	18.021M
6415MHz	Pass	Inf	19.29M	18.081M
6435MHz	Pass	Inf	19.32M	18.081M
6475MHz	Pass	Inf	19.32M	18.051M
6515MHz	Pass	Inf	19.29M	18.051M
6535MHz	Pass	Inf	19.44M	18.081M
6695MHz	Pass	Inf	19.41M	18.081M
6855MHz	Pass	Inf	19.44M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.44M	18.111M
6875MHz Straddle 6.875-7.125GHz				
6895MHz	Pass	Inf	19.44M	18.111M
6995MHz	Pass	Inf	19.44M	18.111M
7095MHz	Pass	Inf	19.44M	18.111M
7115MHz	Pass	Inf	19.44M	18.111M

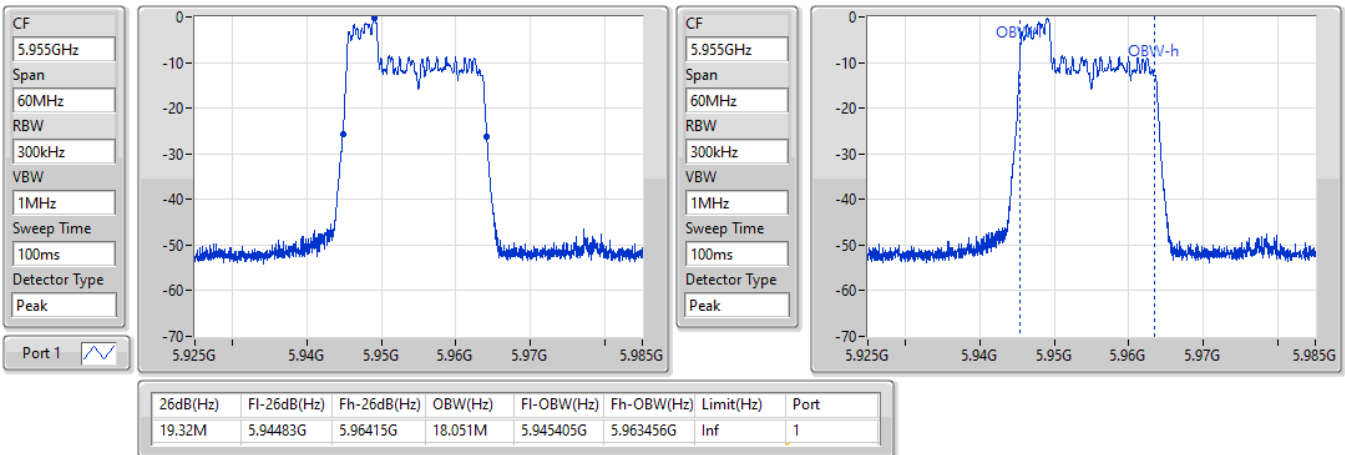
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

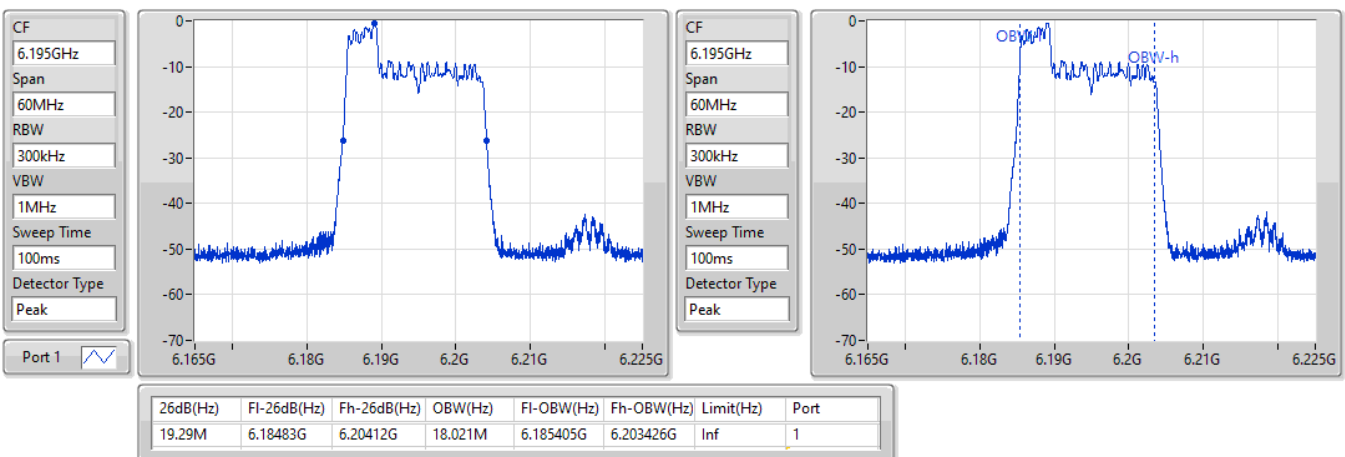


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

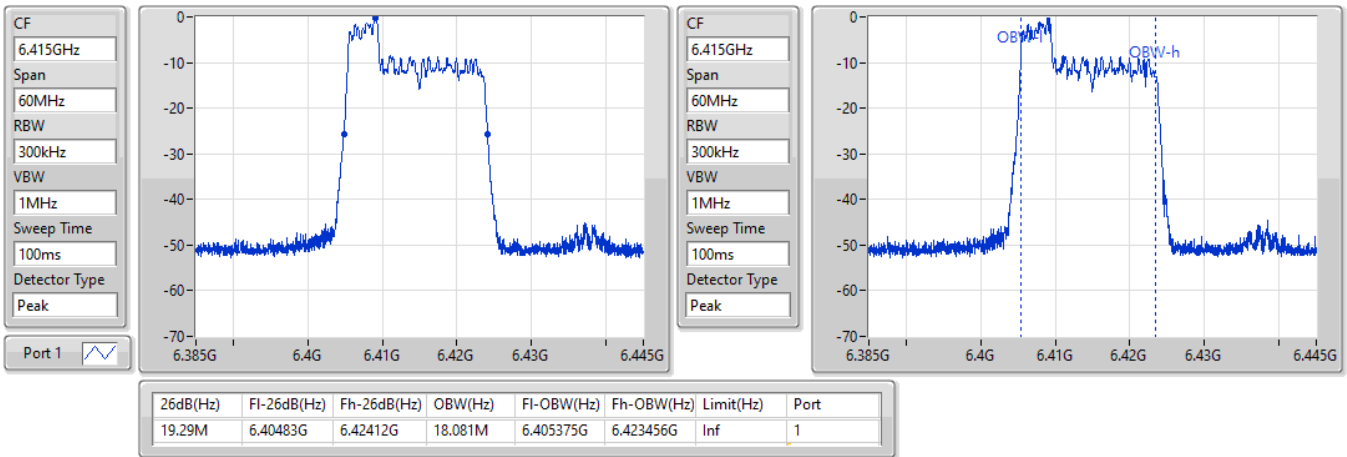


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

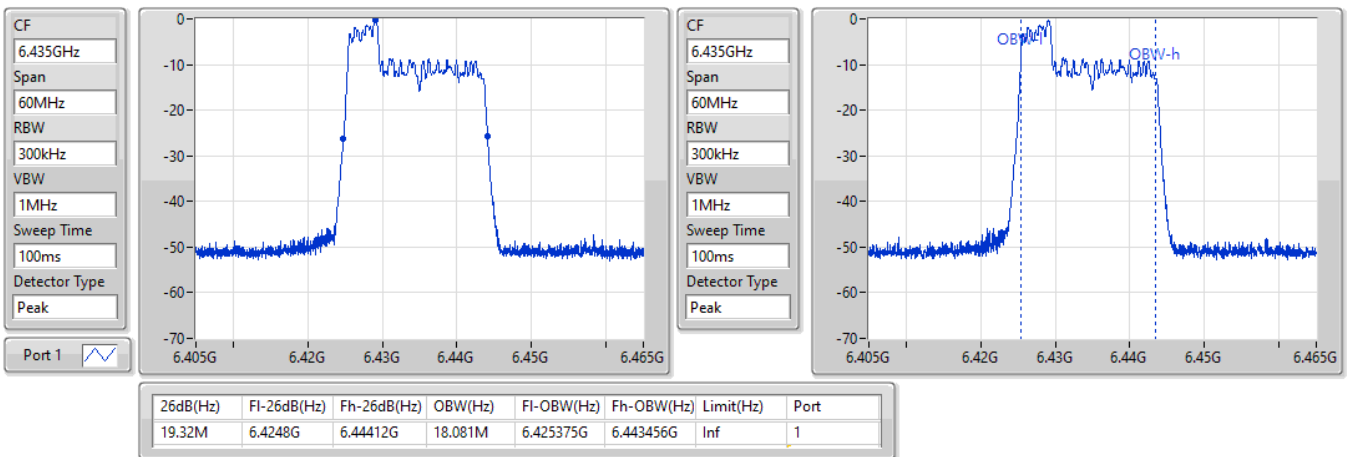


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

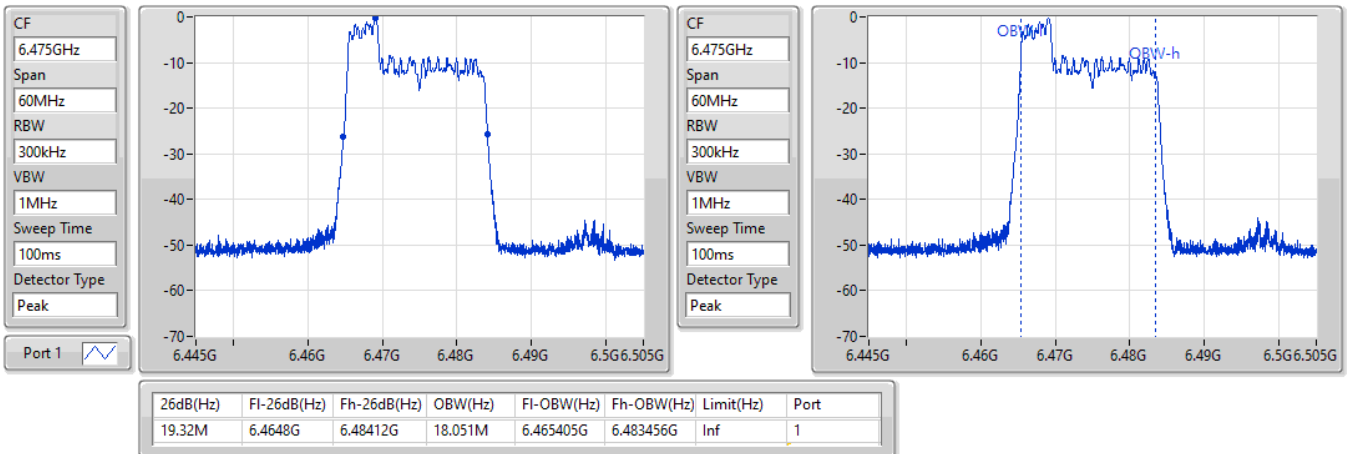


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

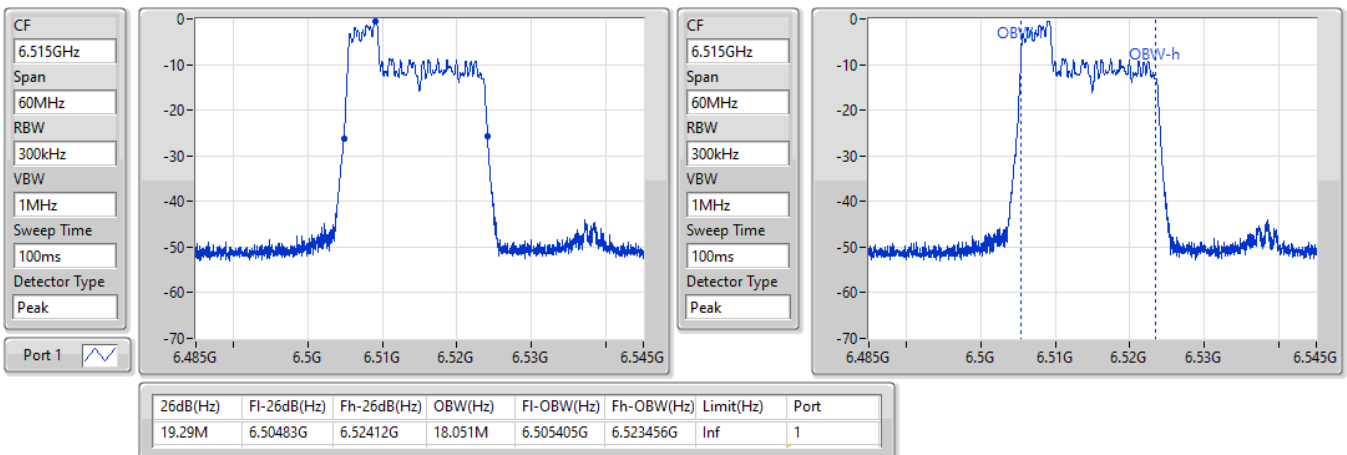


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

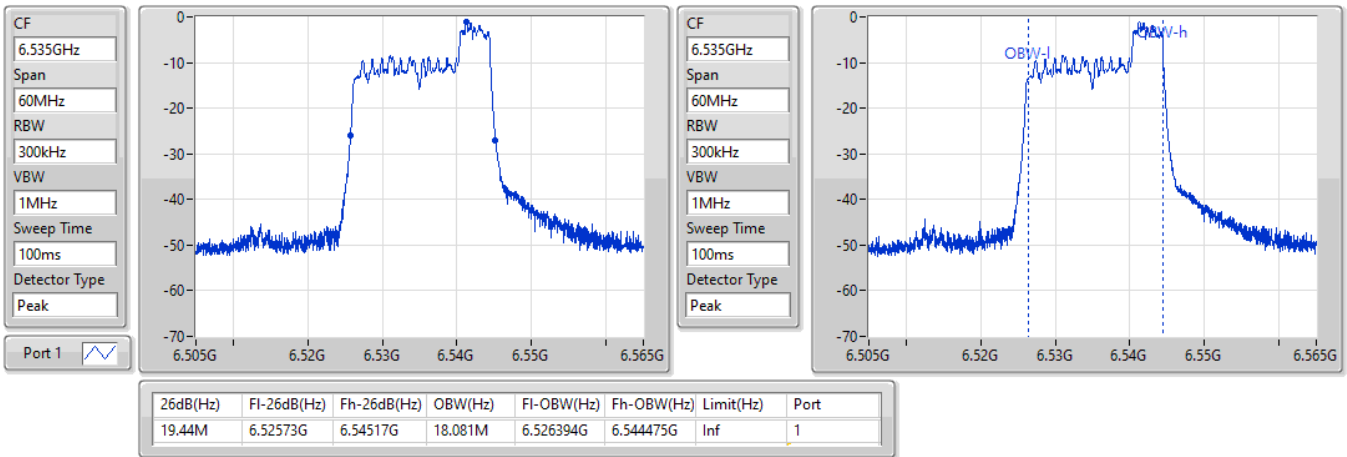


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

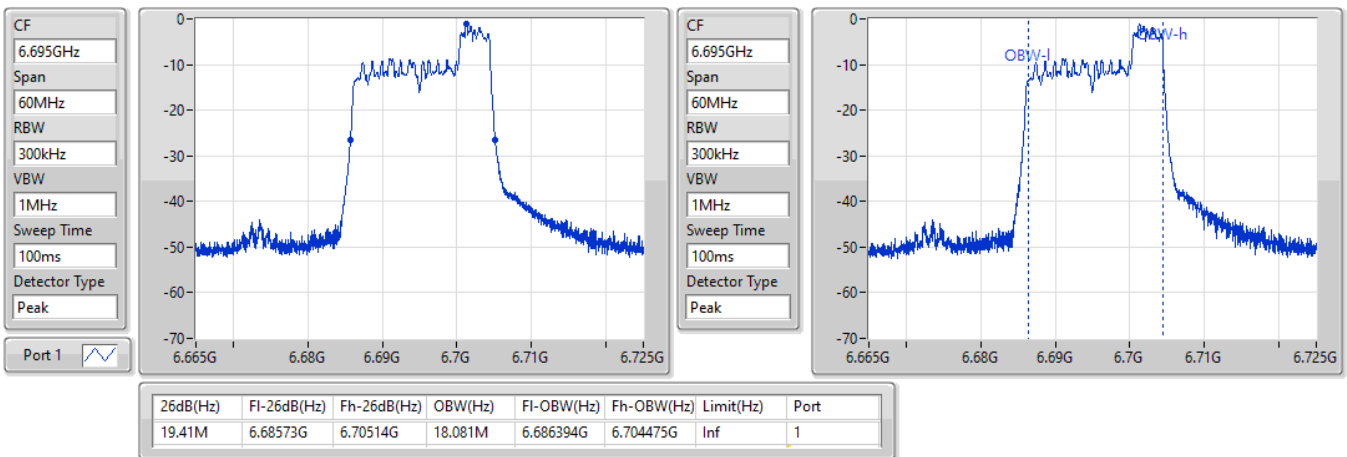


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

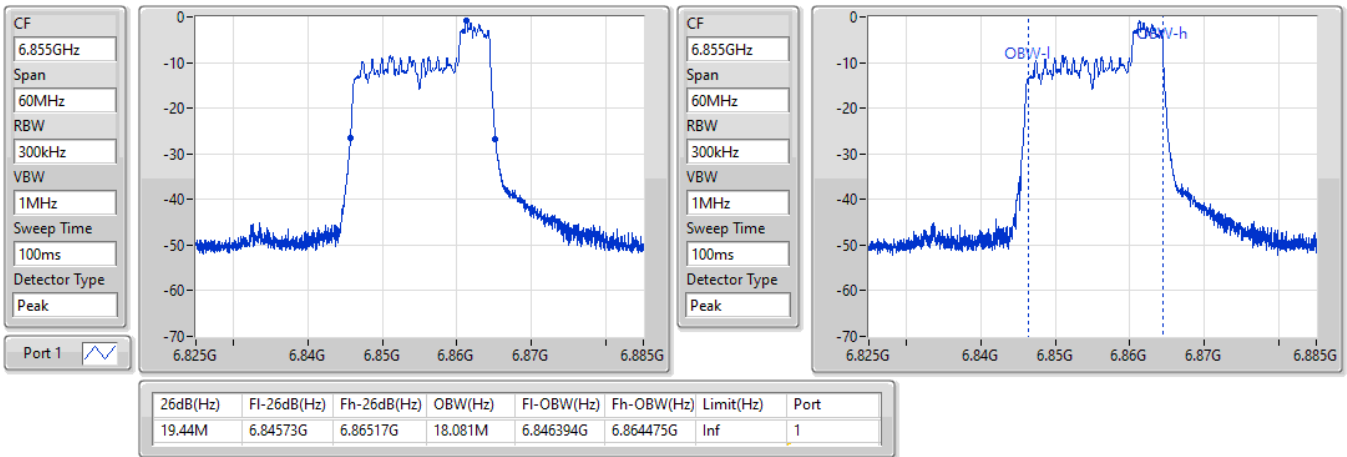


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

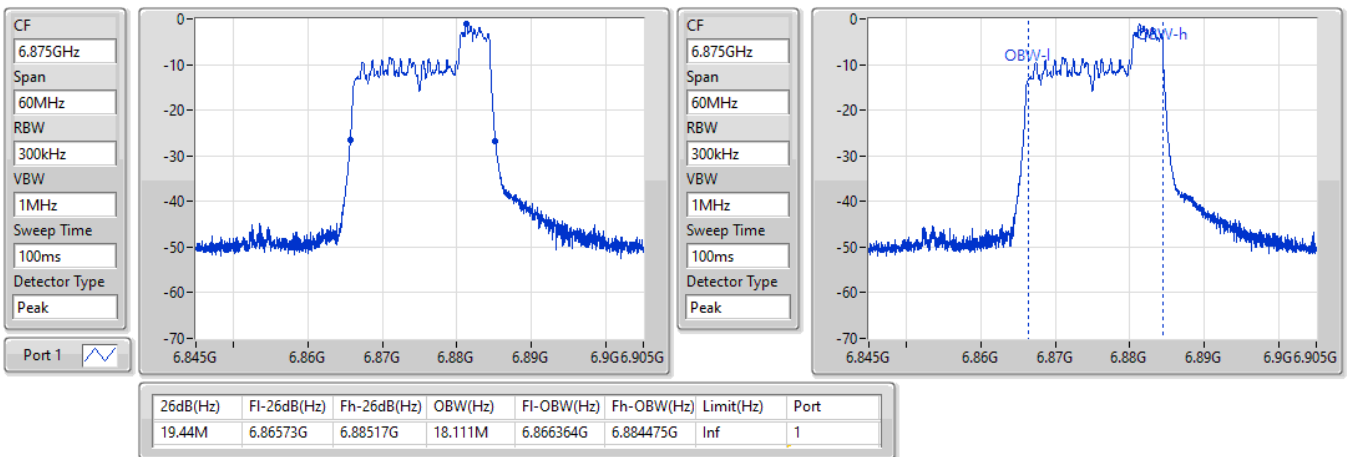


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

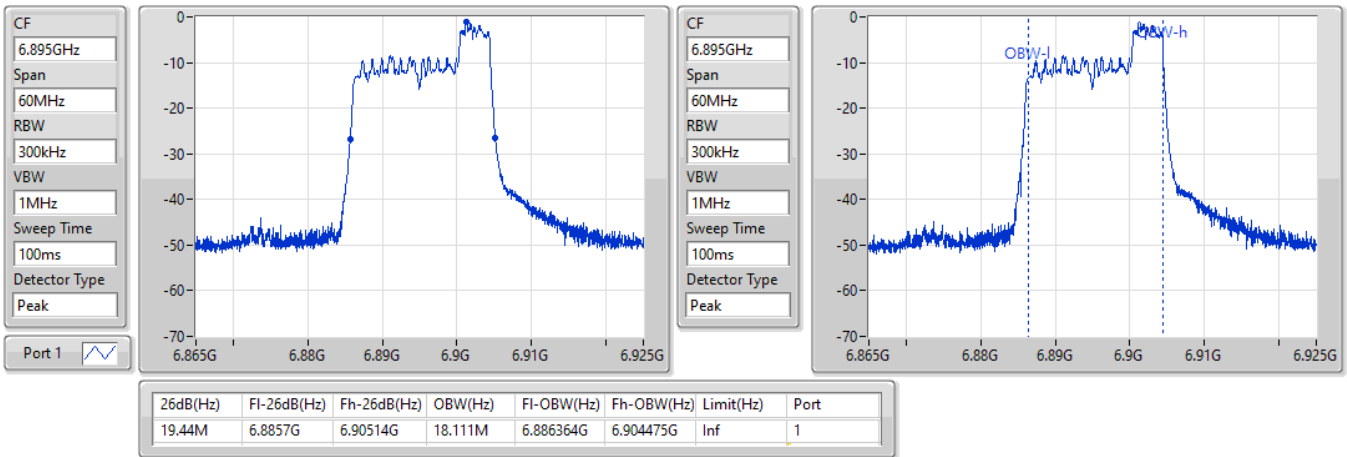


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

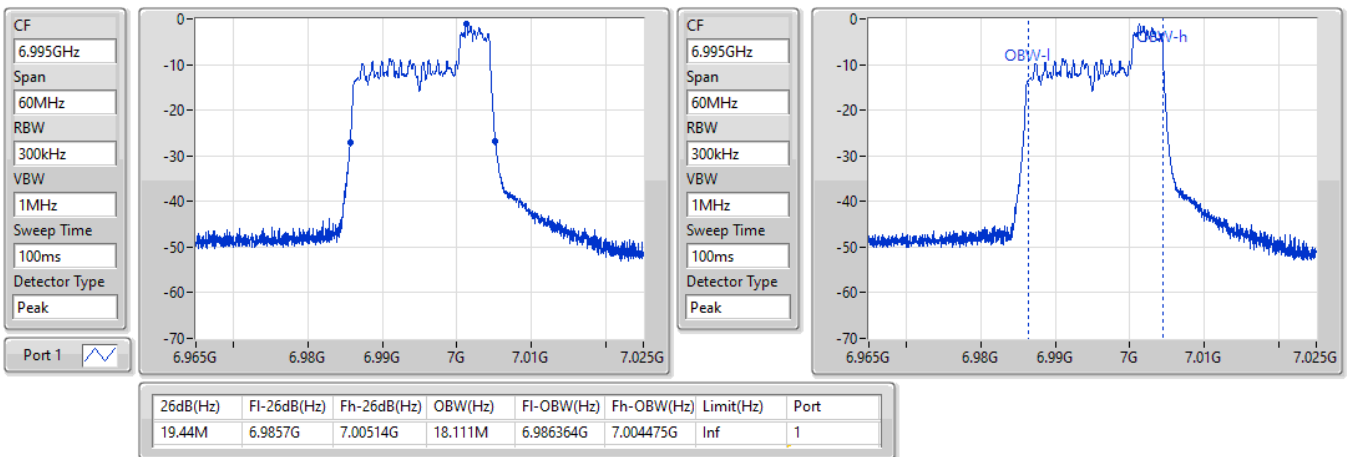


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

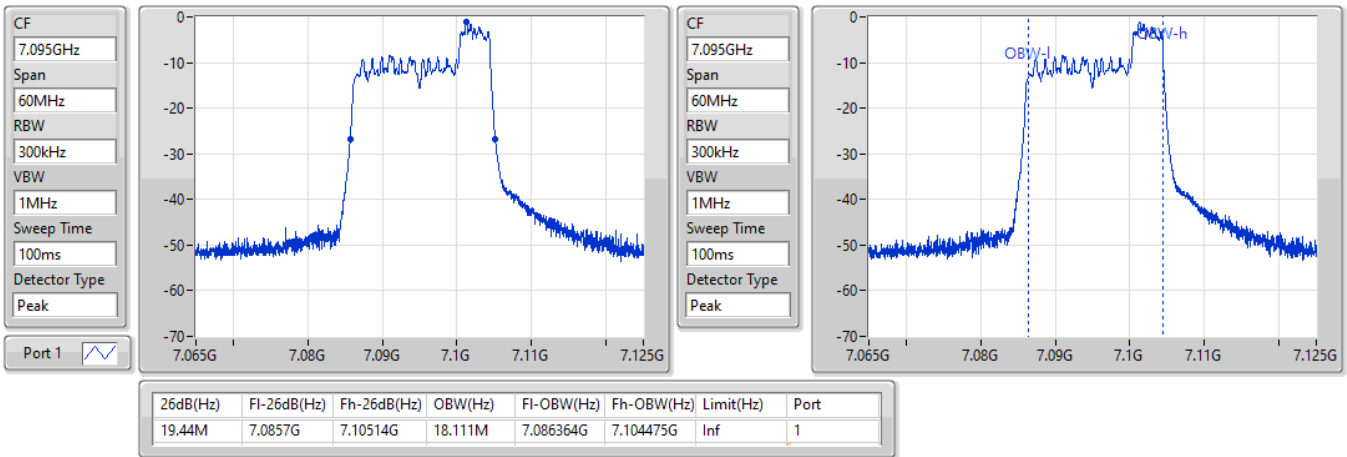


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

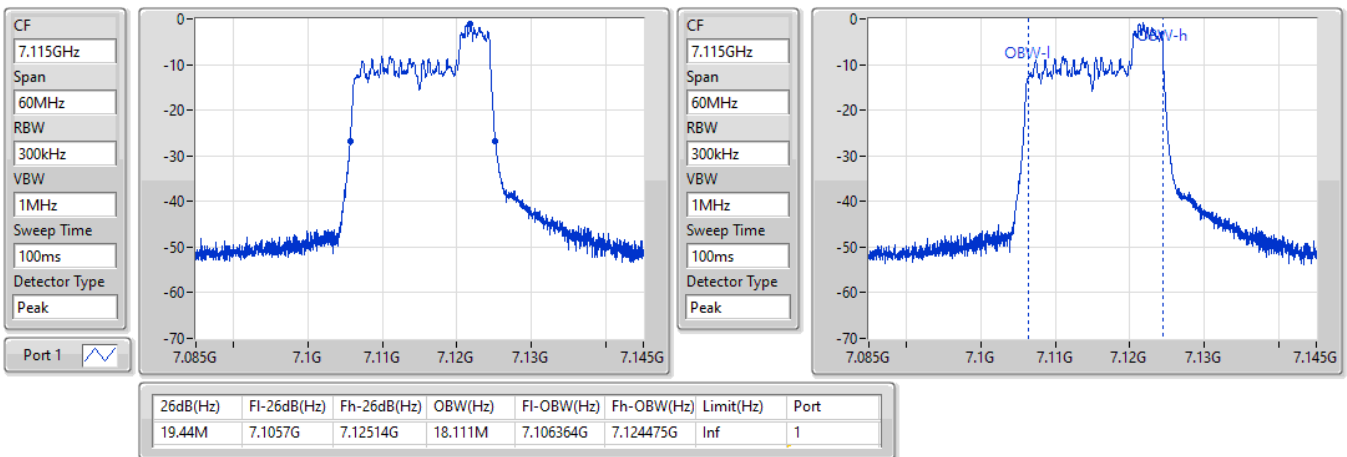


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.41M	18.111M	18M1D1D	19.32M	18.081M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.38M	18.081M	18M1D1D	19.38M	18.081M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.56M	18.081M	18M1D1D	19.47M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.56M	18.111M	18M1D1D	19.47M	18.081M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.38M	18.111M
6195MHz	Pass	Inf	19.32M	18.081M
6415MHz	Pass	Inf	19.41M	18.081M
6435MHz	Pass	Inf	19.38M	18.081M
6475MHz	Pass	Inf	19.38M	18.081M
6515MHz	Pass	Inf	19.38M	18.081M
6535MHz	Pass	Inf	19.53M	18.081M
6695MHz	Pass	Inf	19.5M	18.081M
6855MHz	Pass	Inf	19.47M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.56M	18.081M
6895MHz	Pass	Inf	19.47M	18.081M
6995MHz	Pass	Inf	19.53M	18.081M
7095MHz	Pass	Inf	19.53M	18.081M
7115MHz	Pass	Inf	19.56M	18.111M

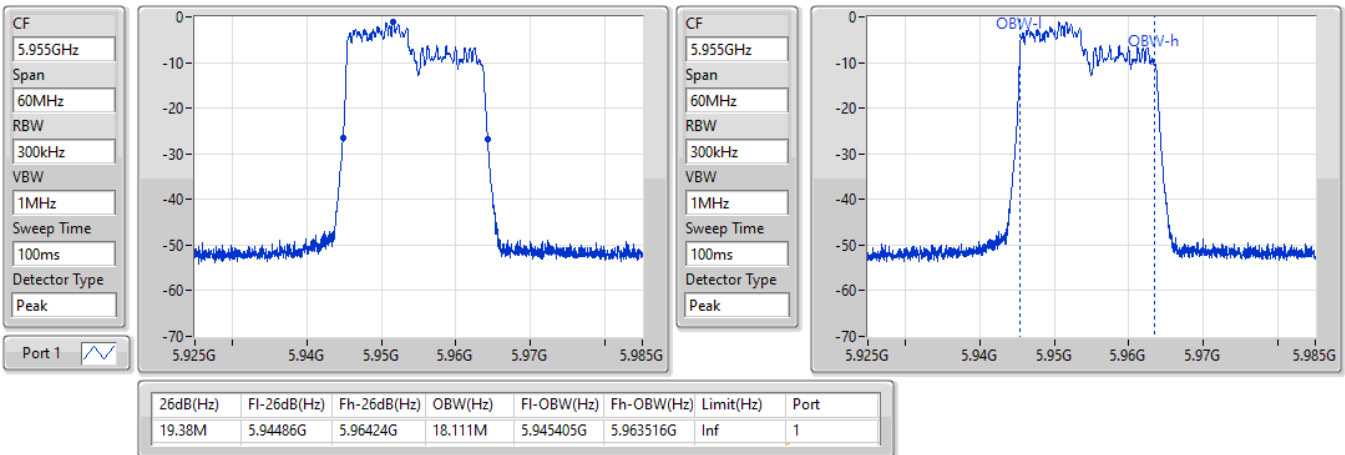
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

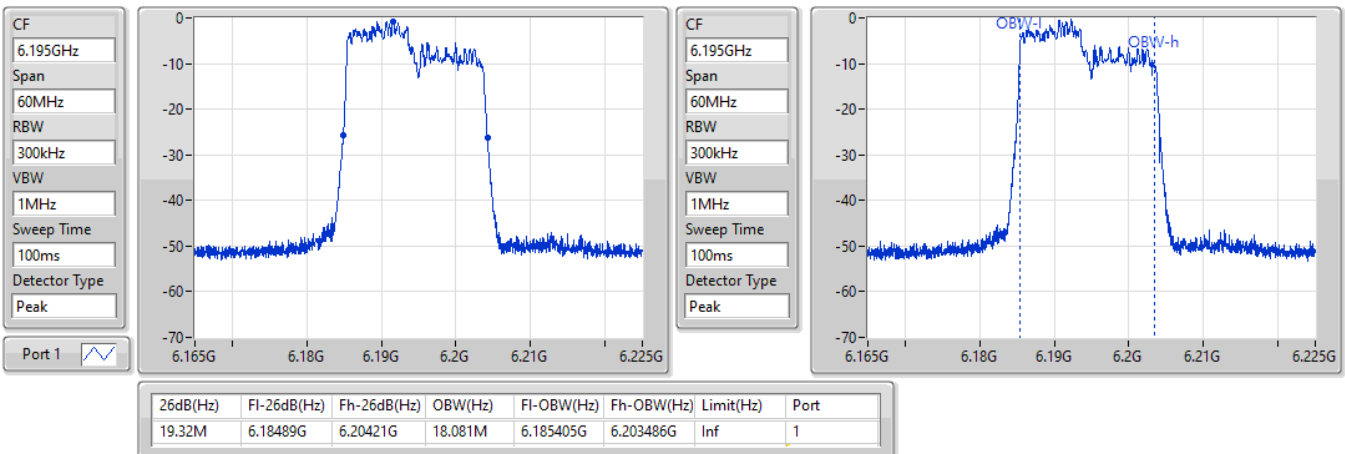


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

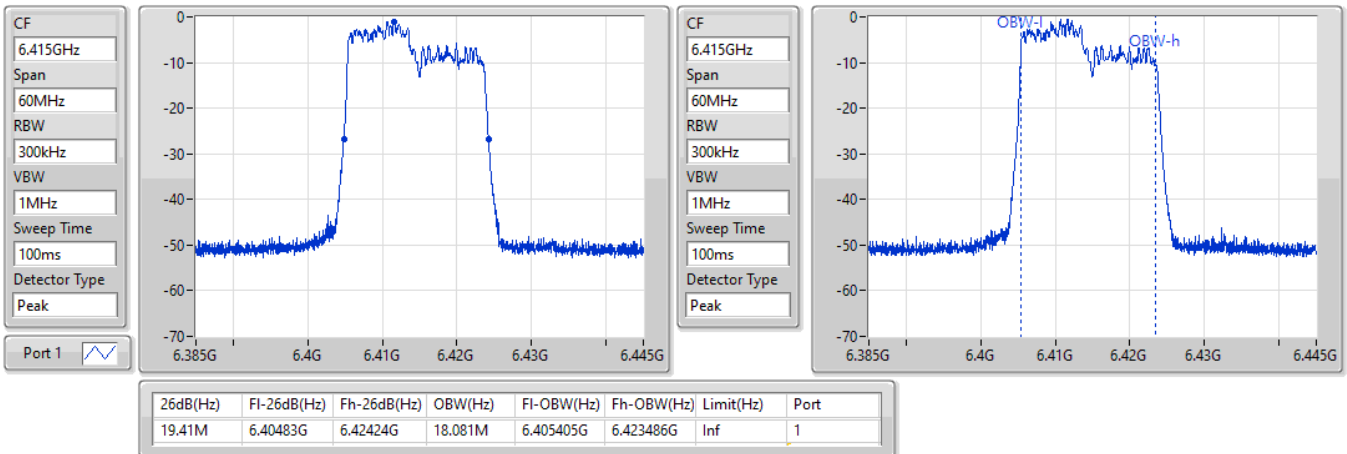


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

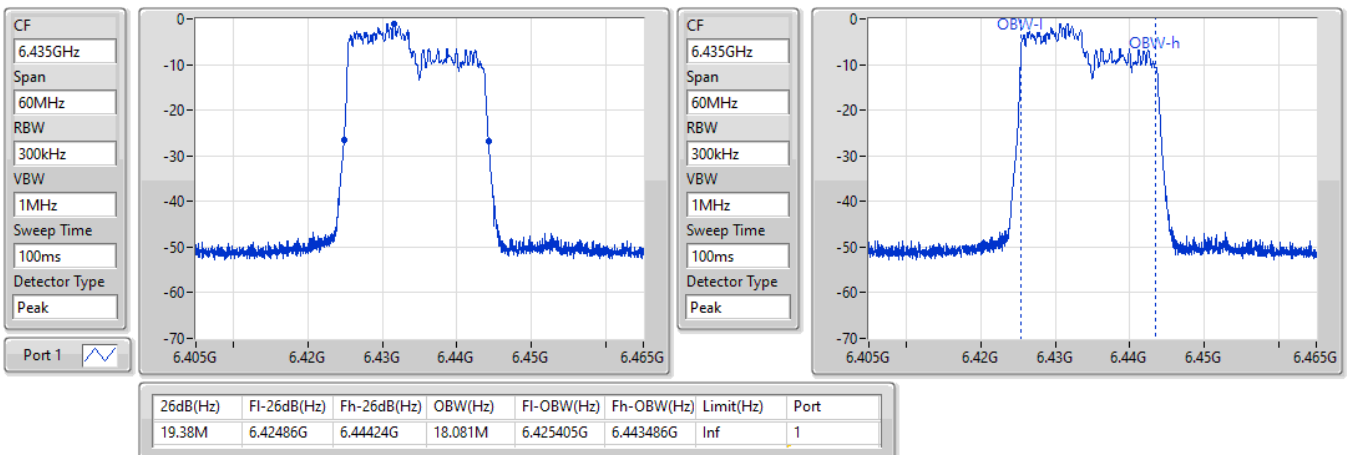


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

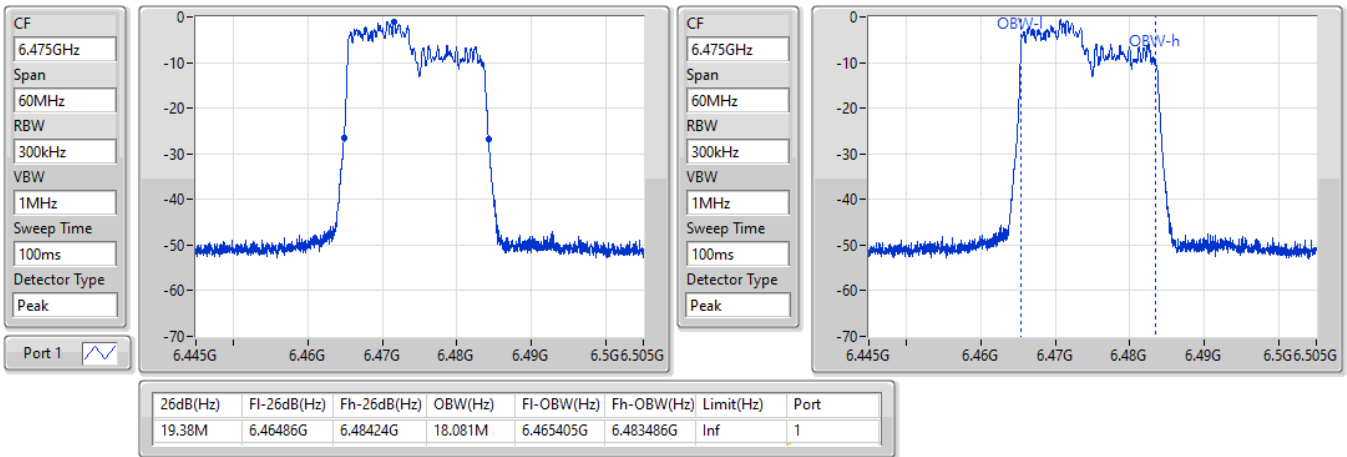


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

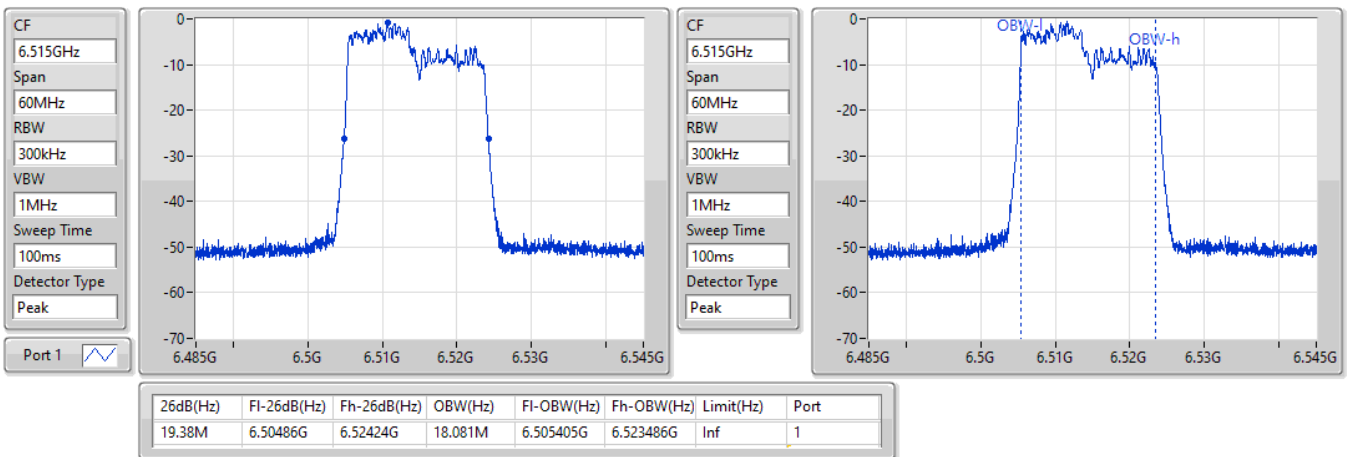


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

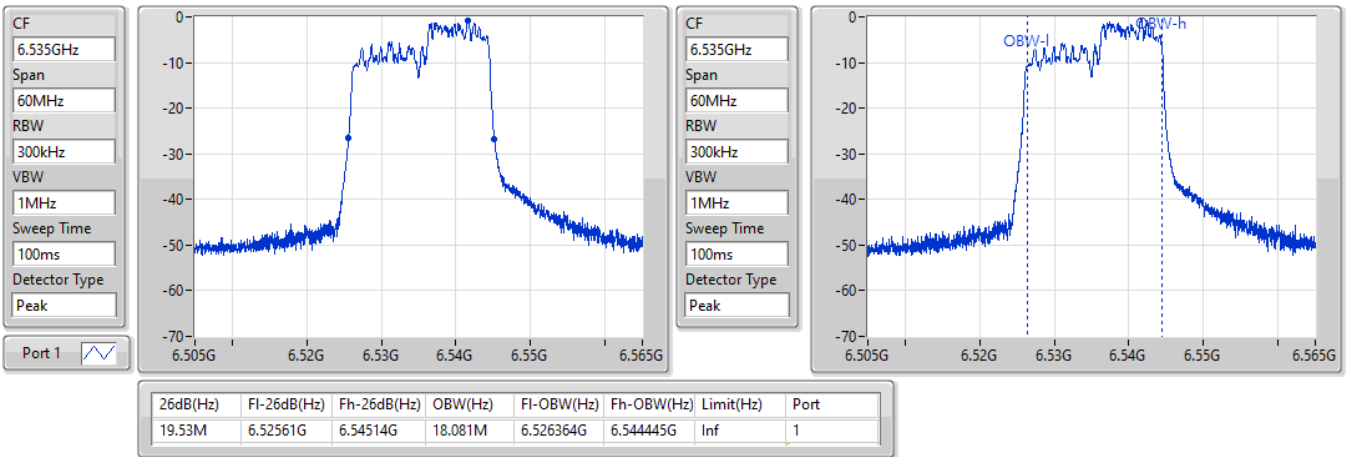


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

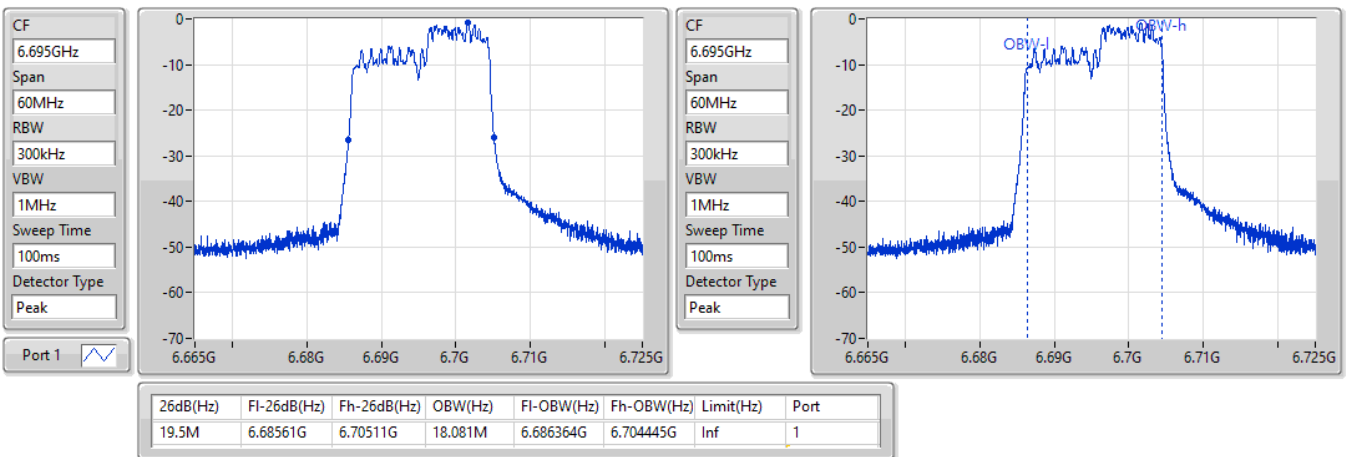


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

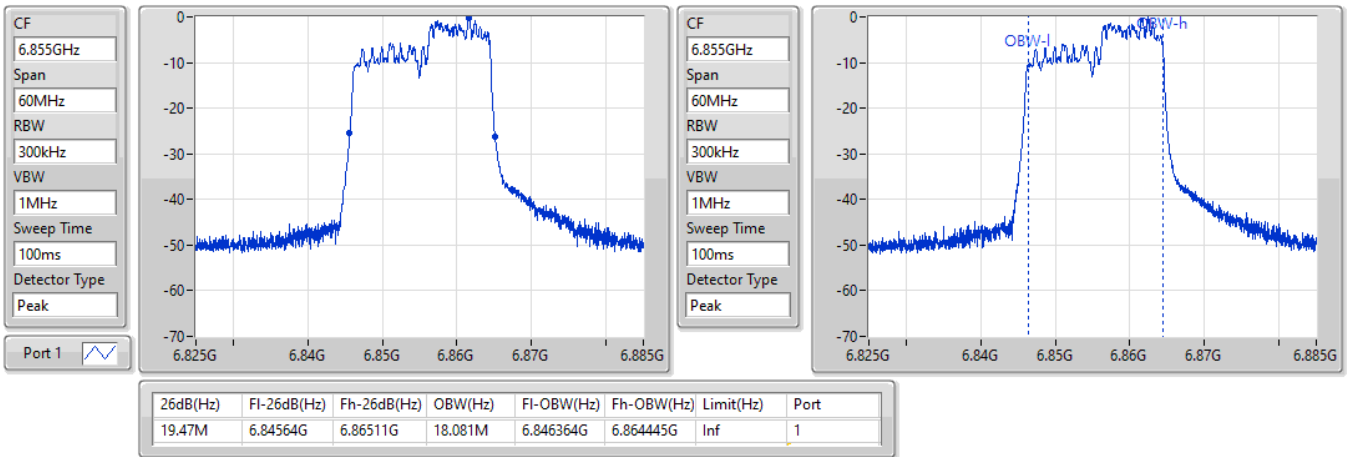


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

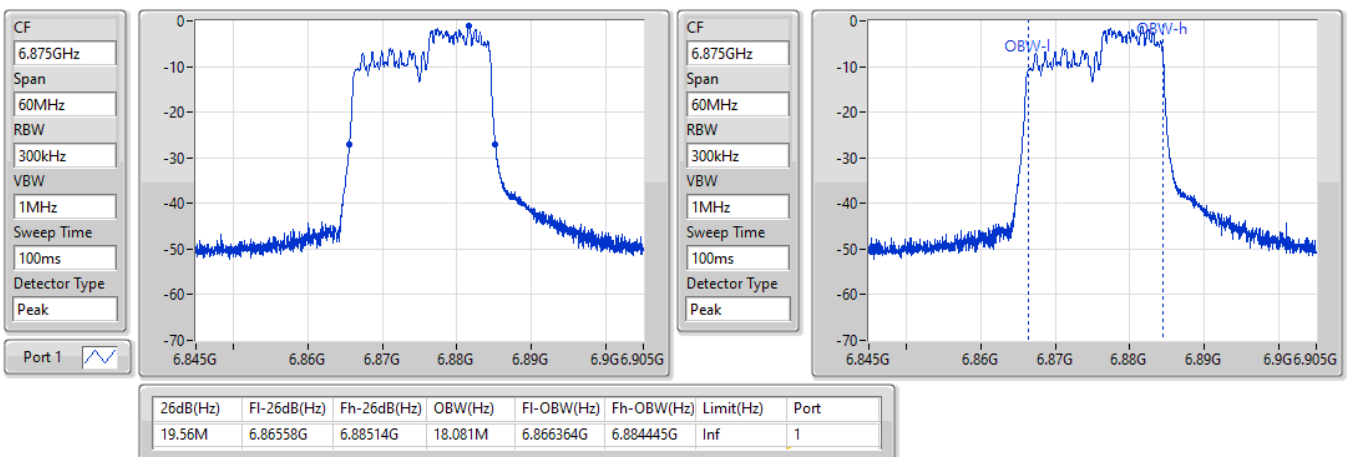


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

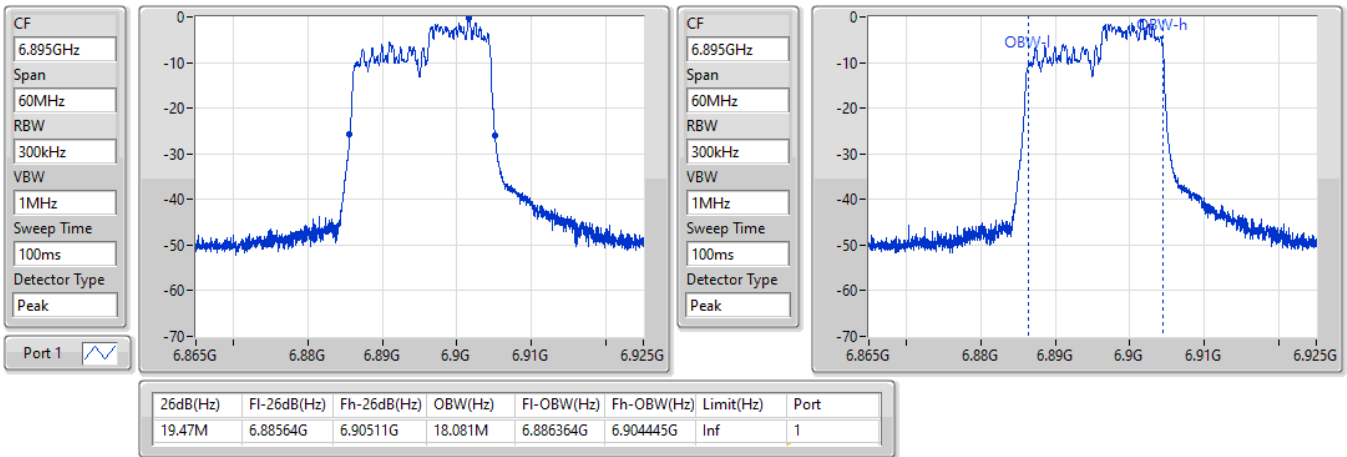


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

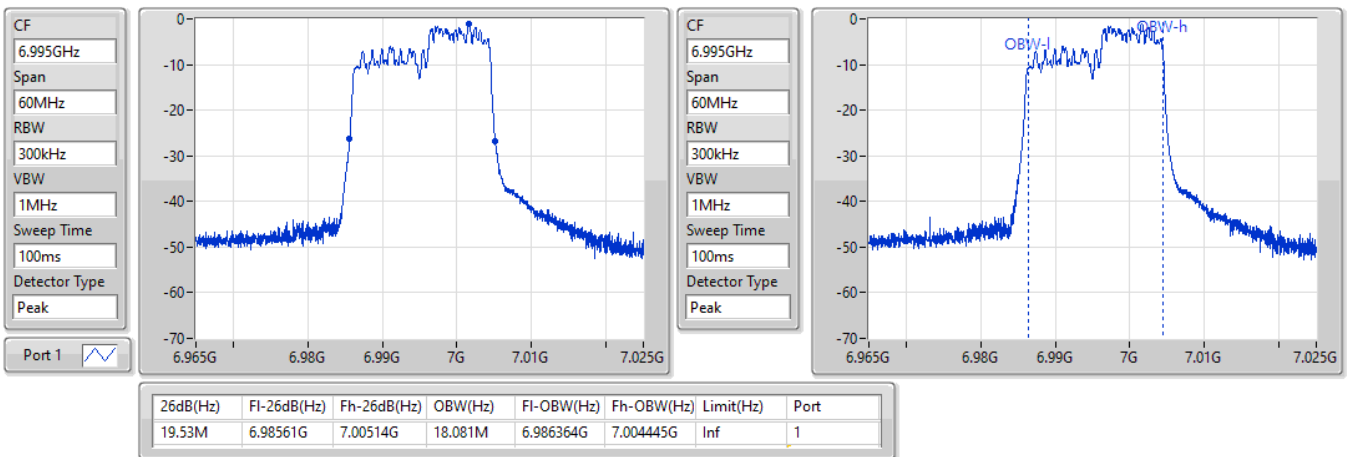


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

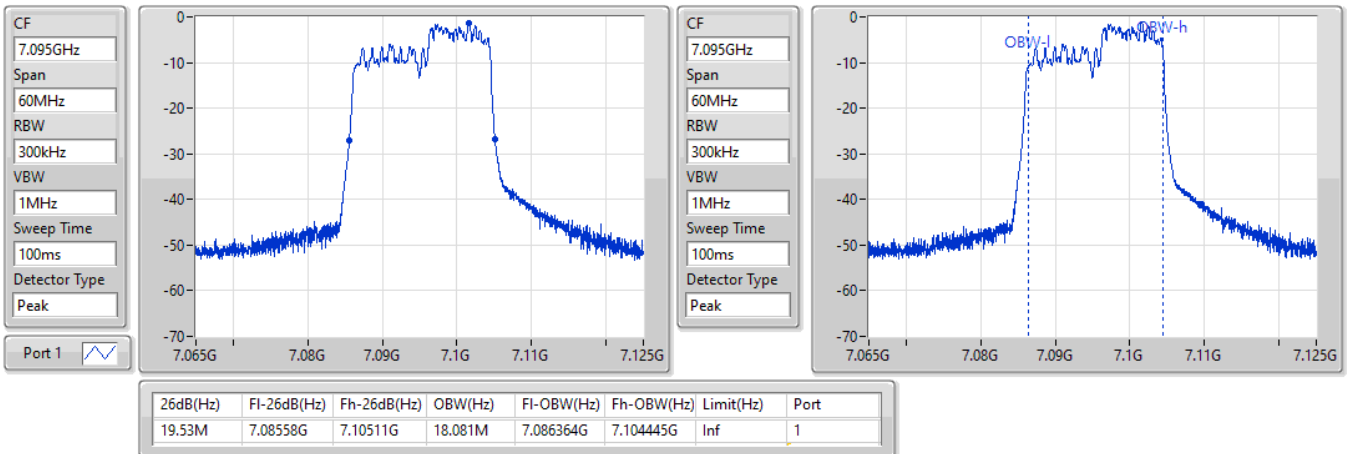


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

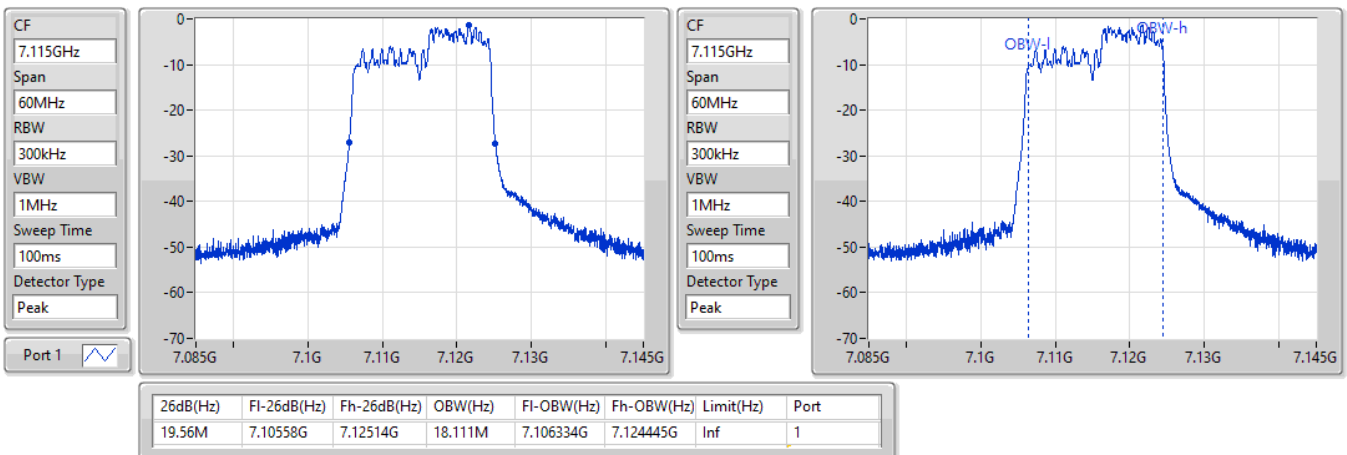


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.35M	17.511M	17M5D1D	19.08M	17.421M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	17.361M	17M4D1D	19.17M	16.972M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.35M	17.541M	17M5D1D	18.93M	17.211M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.38M	17.661M	17M7D1D	19.05M	17.271M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.35M	17.421M
6195MHz	Pass	Inf	19.26M	17.511M
6415MHz	Pass	Inf	19.08M	17.451M
6435MHz	Pass	Inf	19.32M	16.972M
6475MHz	Pass	Inf	19.17M	17.361M
6515MHz	Pass	Inf	19.29M	17.301M
6535MHz	Pass	Inf	19.32M	17.301M
6695MHz	Pass	Inf	19.35M	17.361M
6855MHz	Pass	Inf	19.23M	17.541M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	18.93M	17.211M
6895MHz	Pass	Inf	19.35M	17.511M
6995MHz	Pass	Inf	19.17M	17.661M
7095MHz	Pass	Inf	19.38M	17.391M
7115MHz	Pass	Inf	19.05M	17.271M

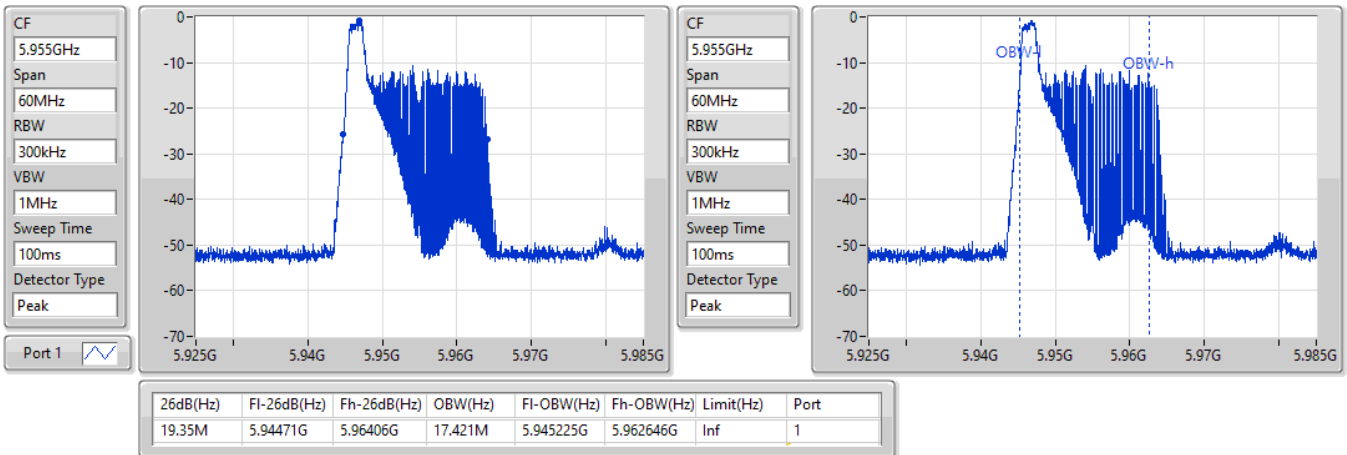
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

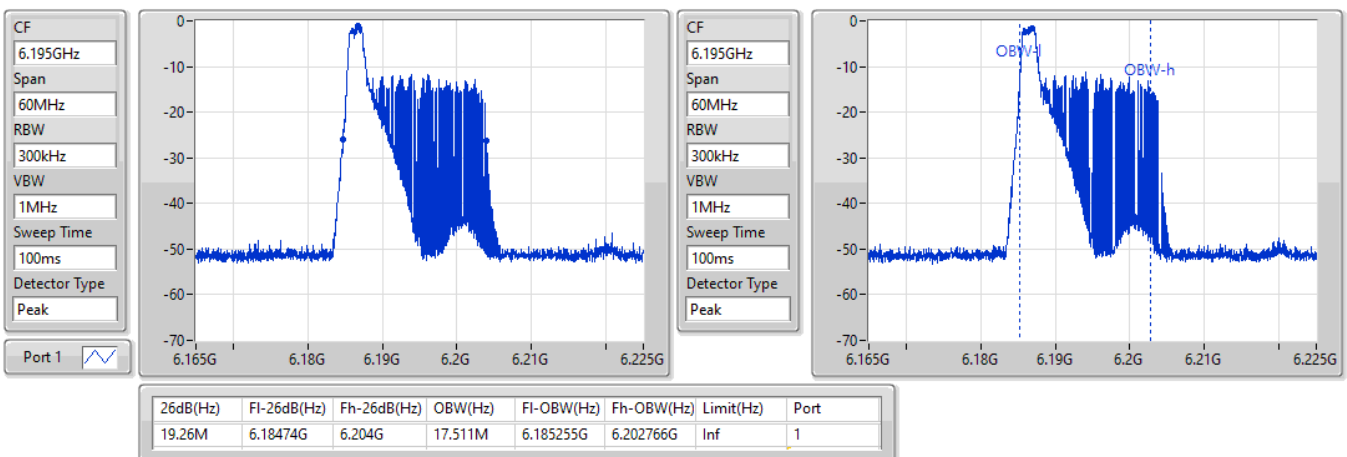


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

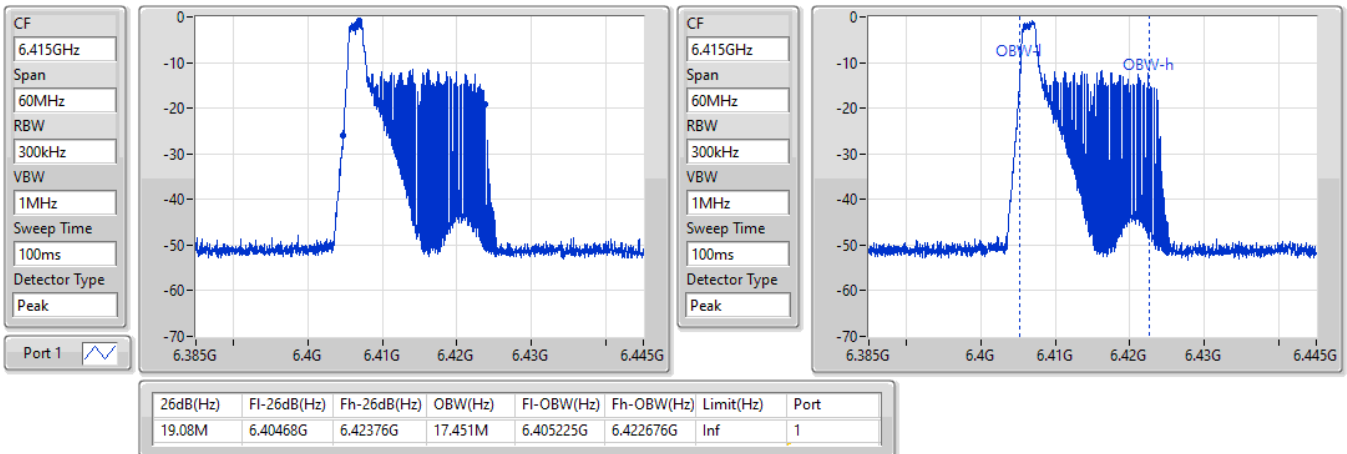


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

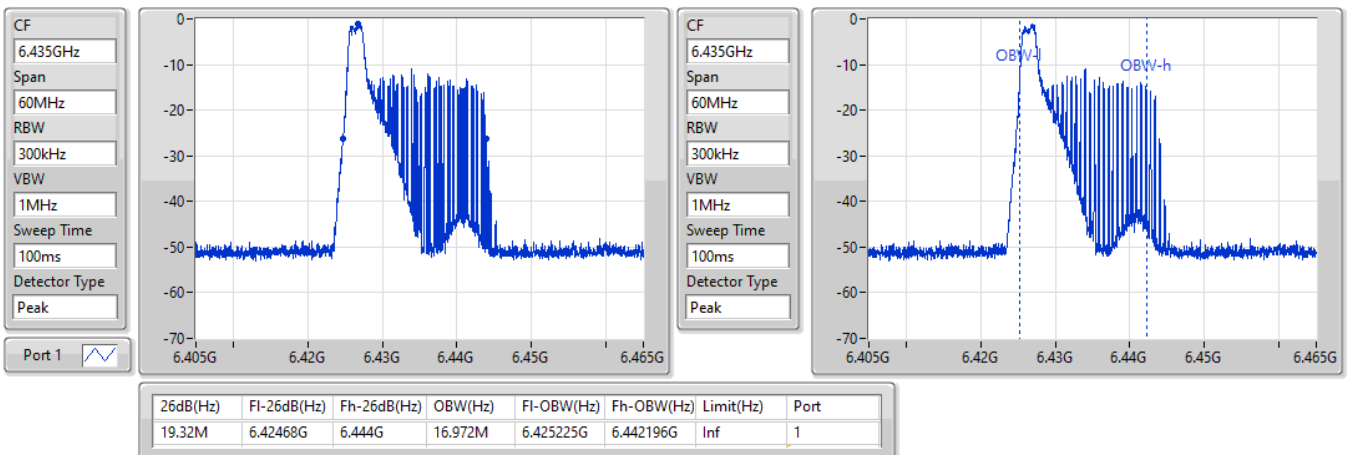


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

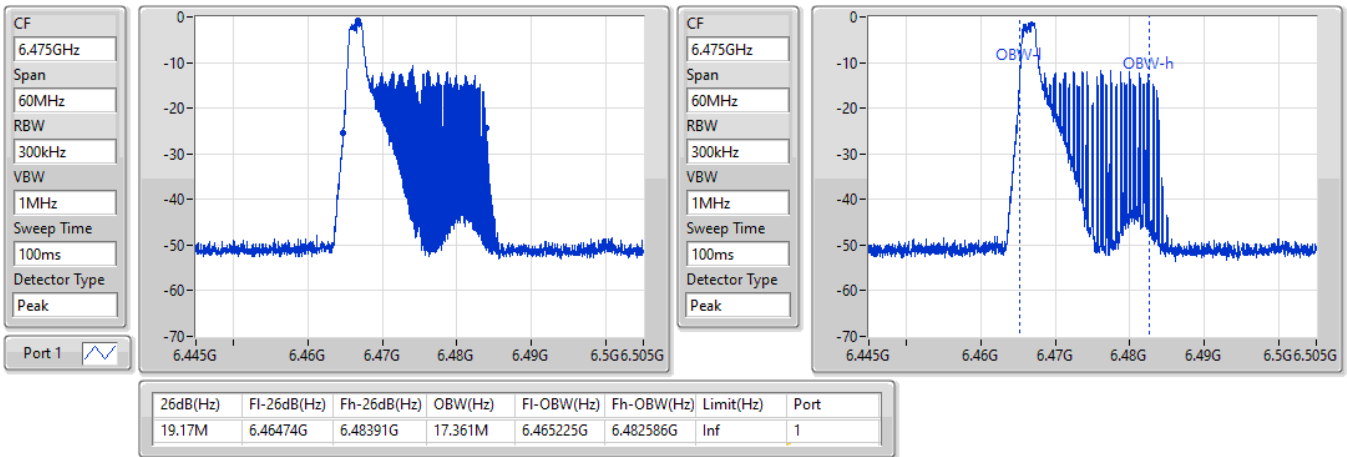


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

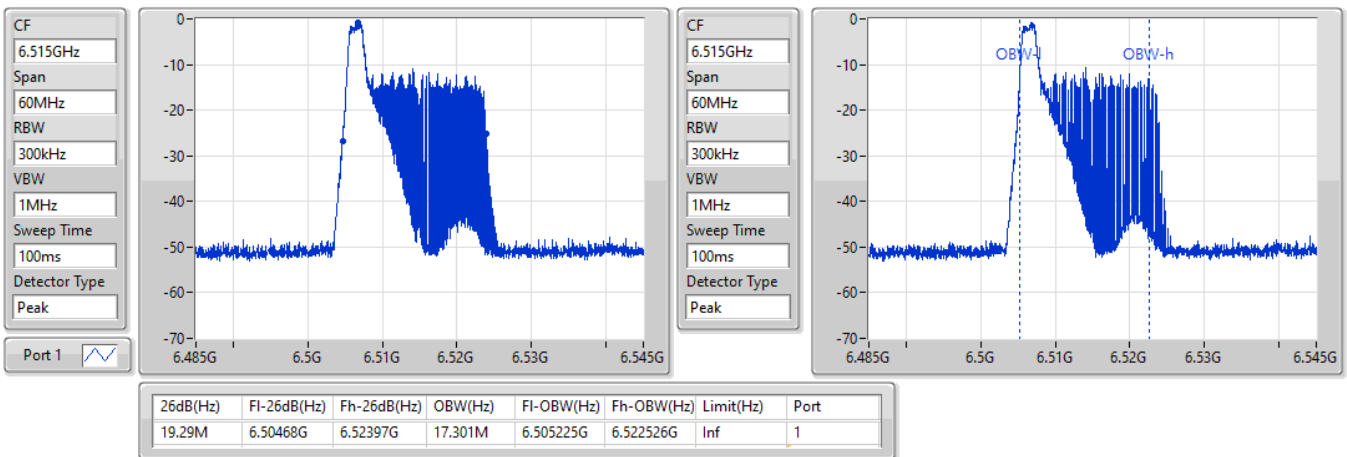


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

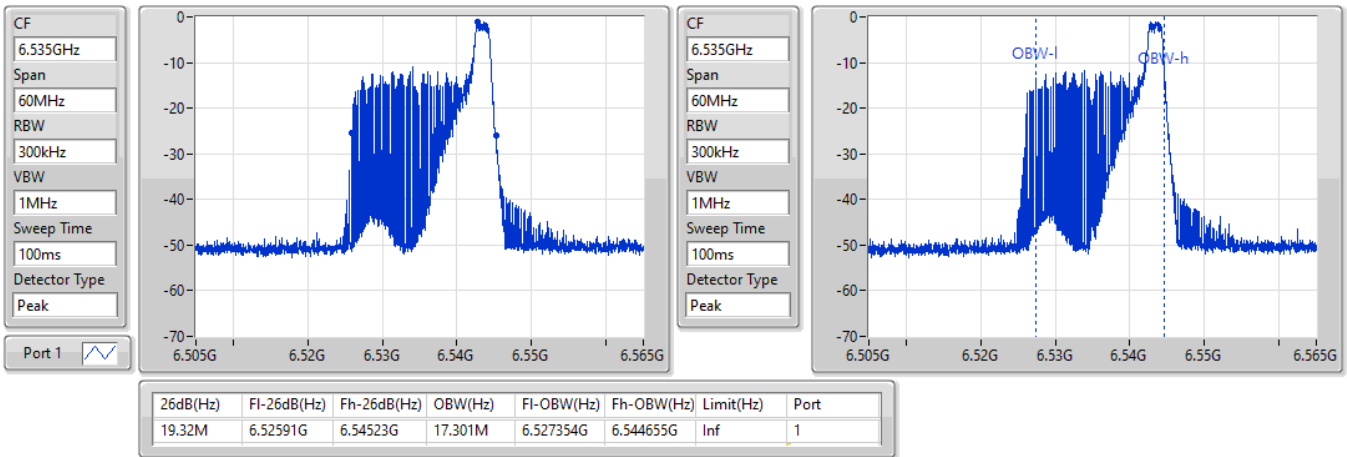


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

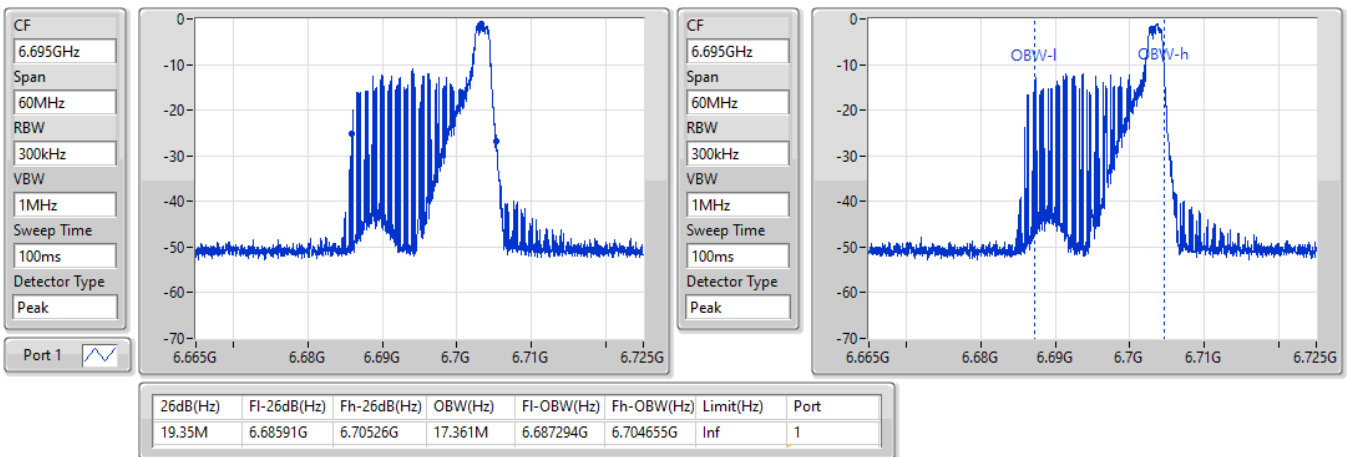


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

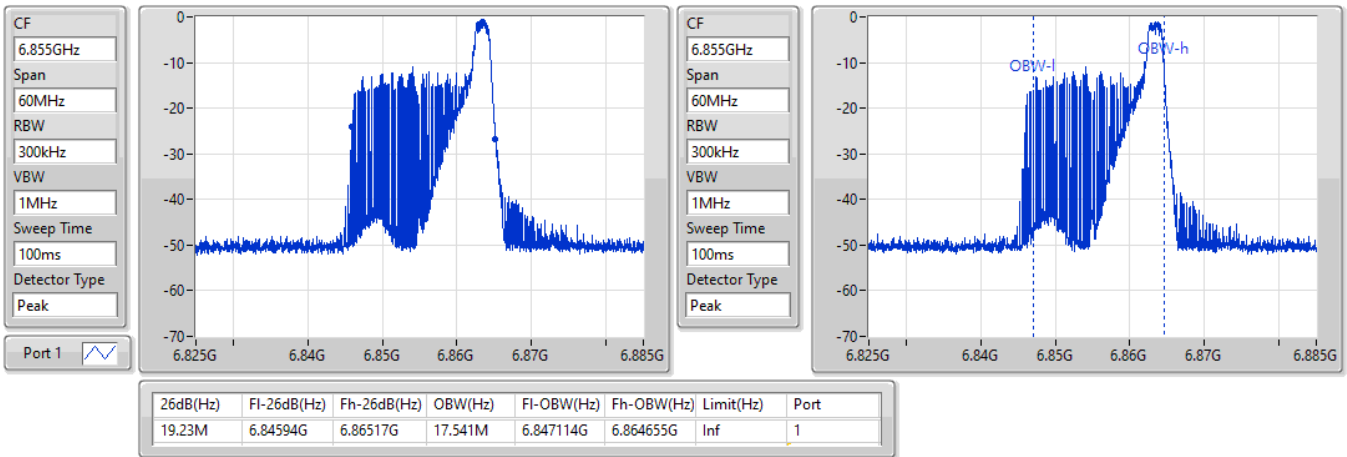


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

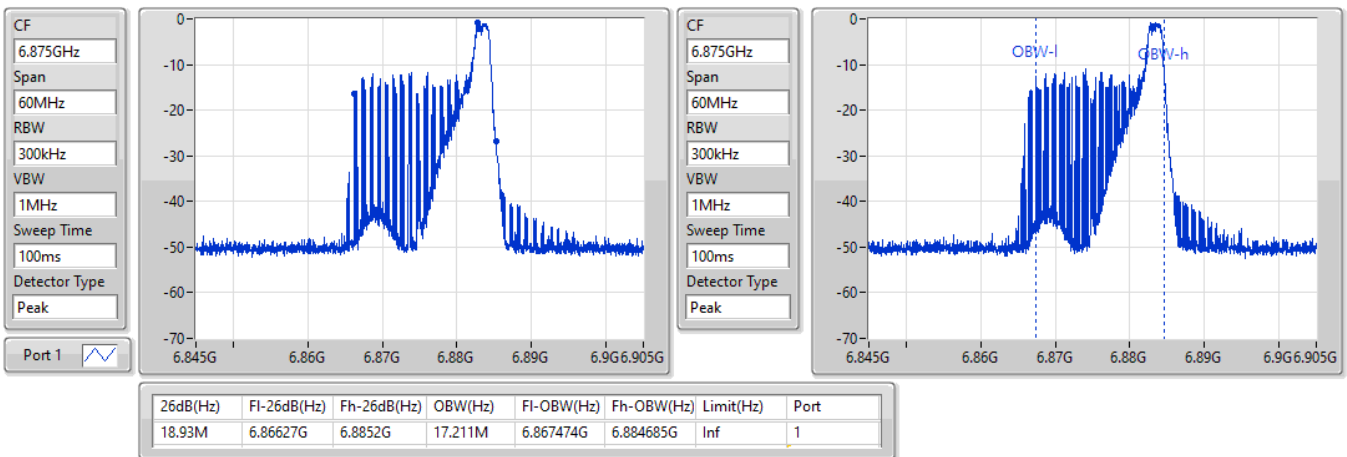


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

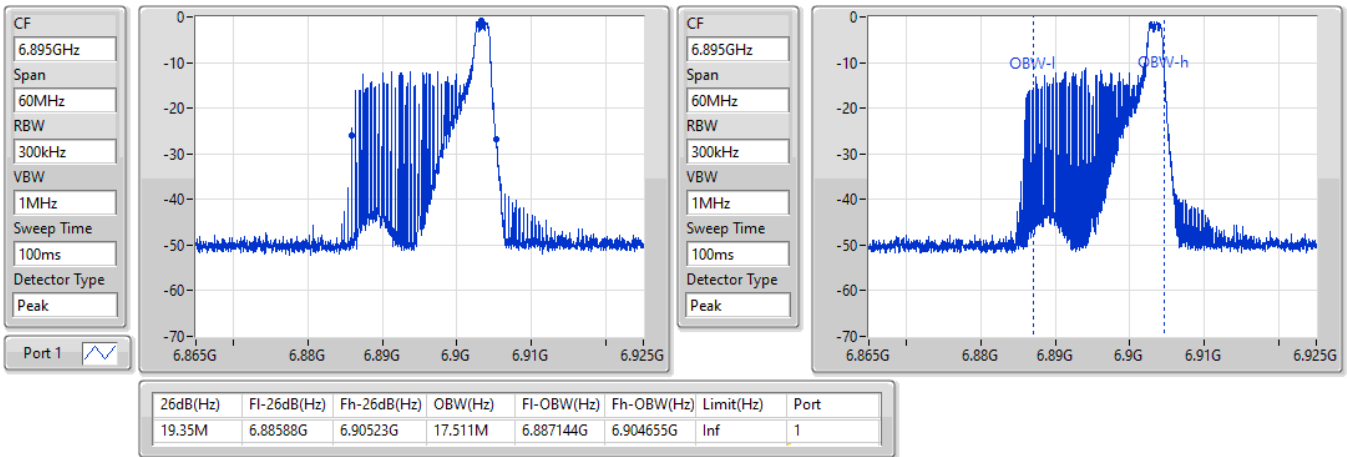


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

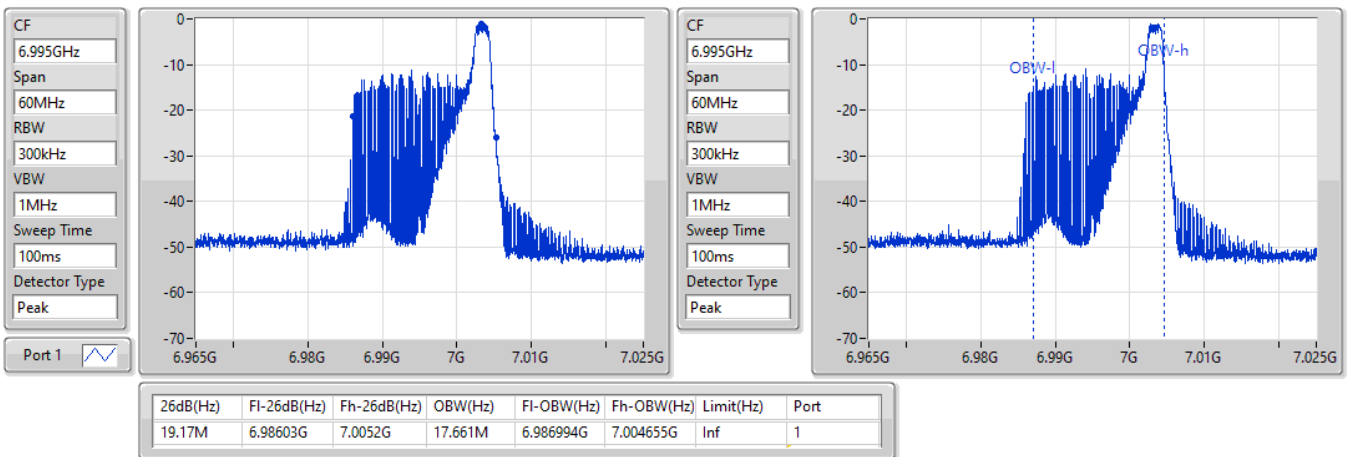


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

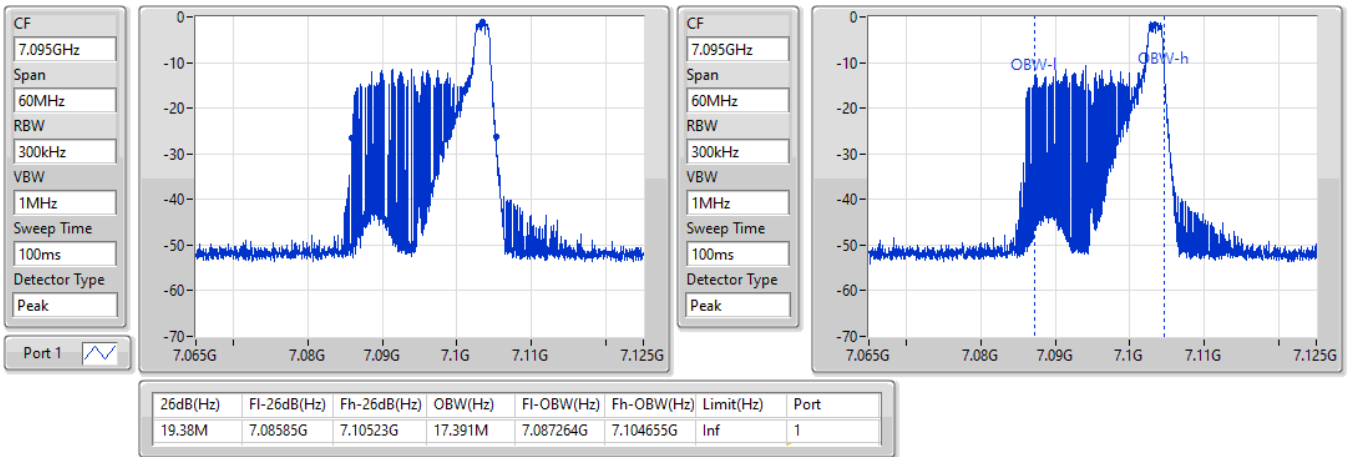


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

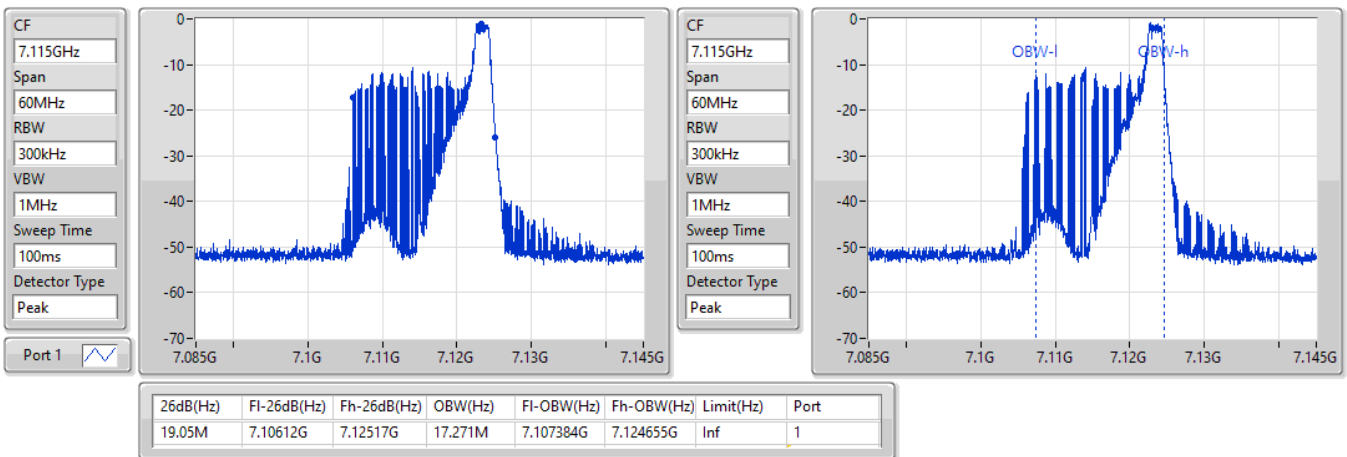


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	18.081M	18M1D1D	19.29M	18.021M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	18.081M	18M1D1D	19.29M	18.051M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.44M	18.111M	18M1D1D	19.41M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.44M	18.111M	18M1D1D	19.44M	18.111M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.32M	18.051M
6195MHz	Pass	Inf	19.29M	18.021M
6415MHz	Pass	Inf	19.29M	18.081M
6435MHz	Pass	Inf	19.32M	18.081M
6475MHz	Pass	Inf	19.32M	18.051M
6515MHz	Pass	Inf	19.29M	18.051M
6535MHz	Pass	Inf	19.44M	18.081M
6695MHz	Pass	Inf	19.41M	18.081M
6855MHz	Pass	Inf	19.44M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.44M	18.111M
6875MHz Straddle 6.875-7.125GHz				
6895MHz	Pass	Inf	19.44M	18.111M
6995MHz	Pass	Inf	19.44M	18.111M
7095MHz	Pass	Inf	19.44M	18.111M
7115MHz	Pass	Inf	19.44M	18.111M

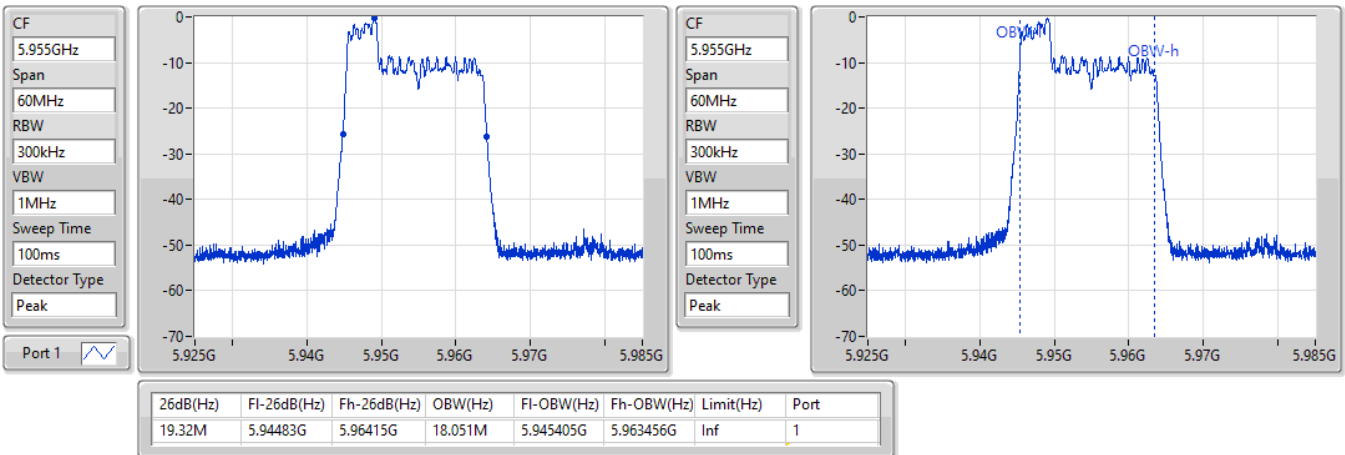
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

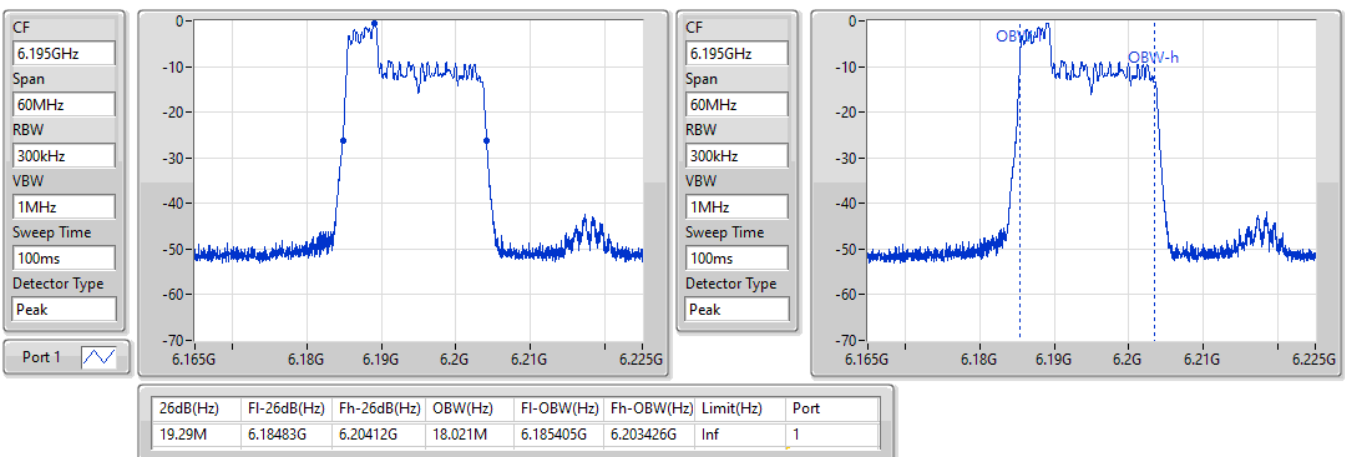


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

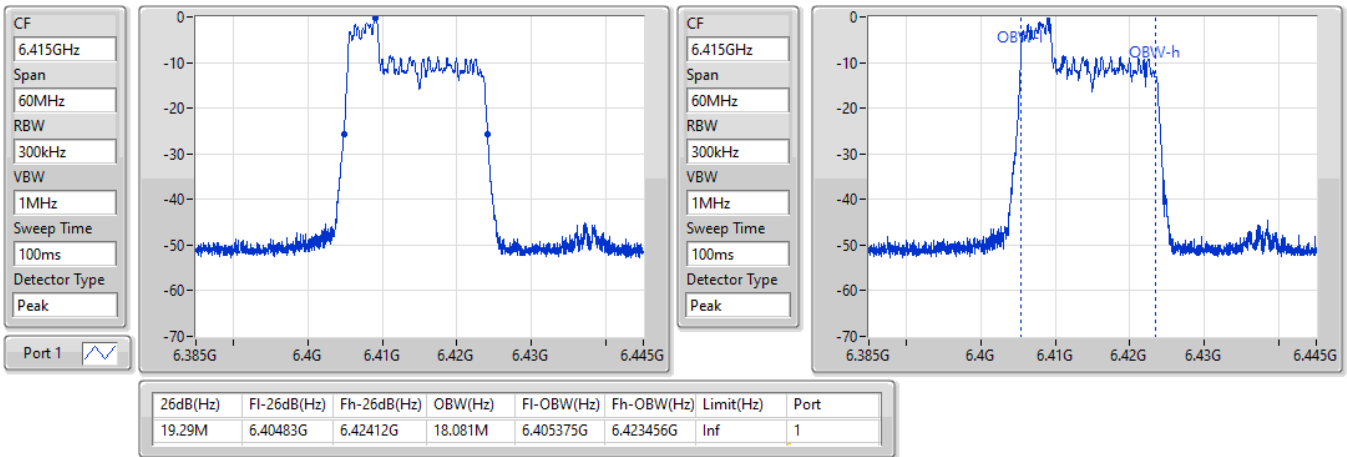


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

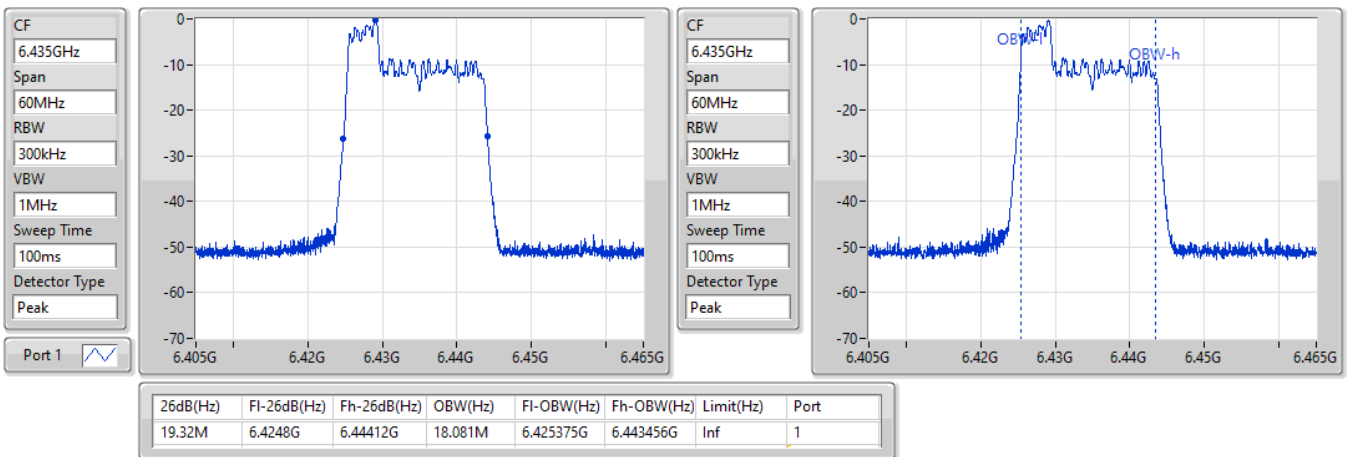


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

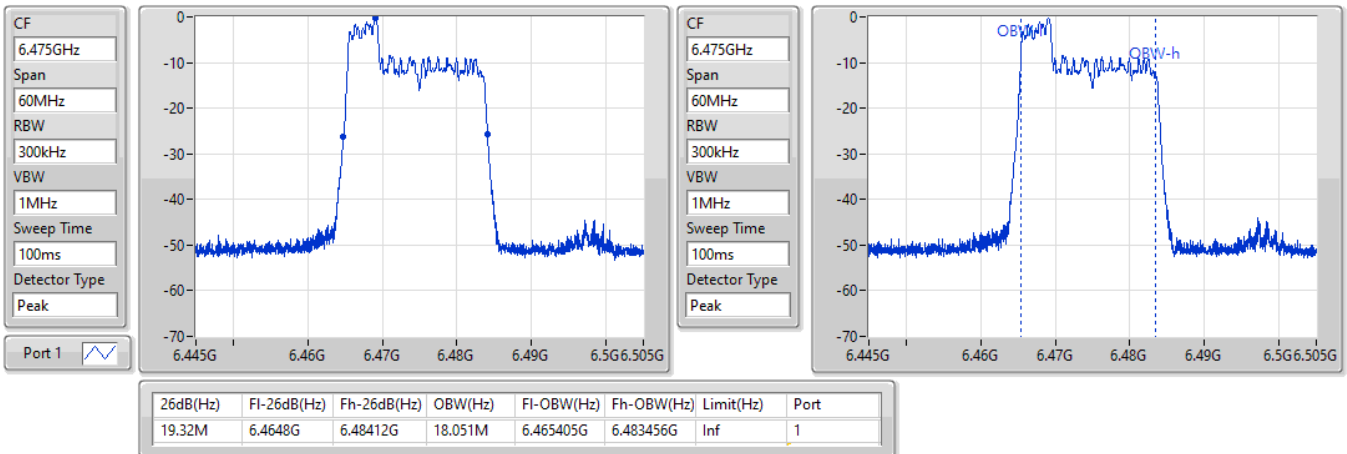


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

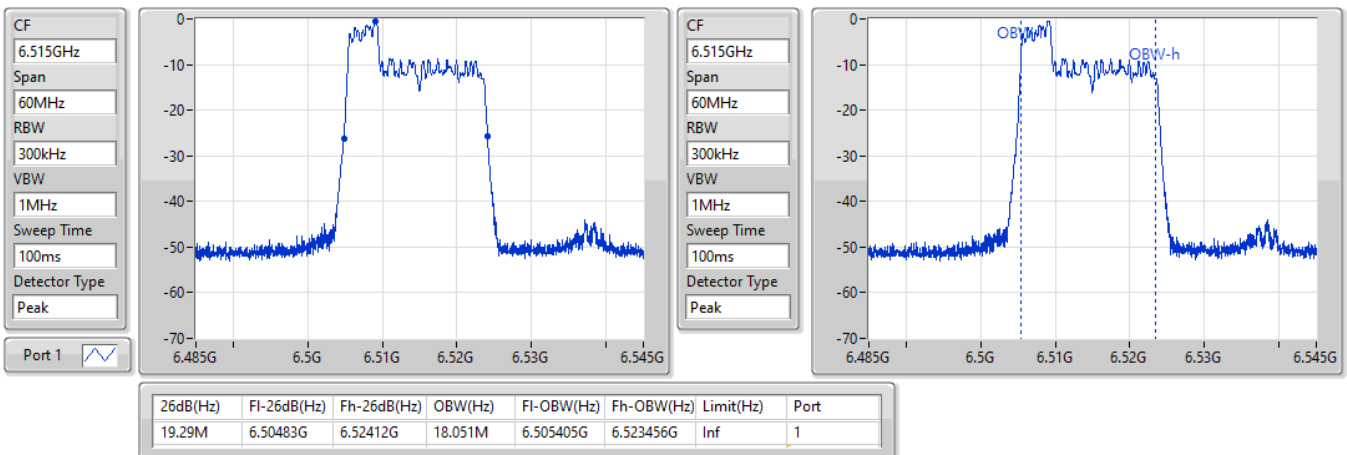


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

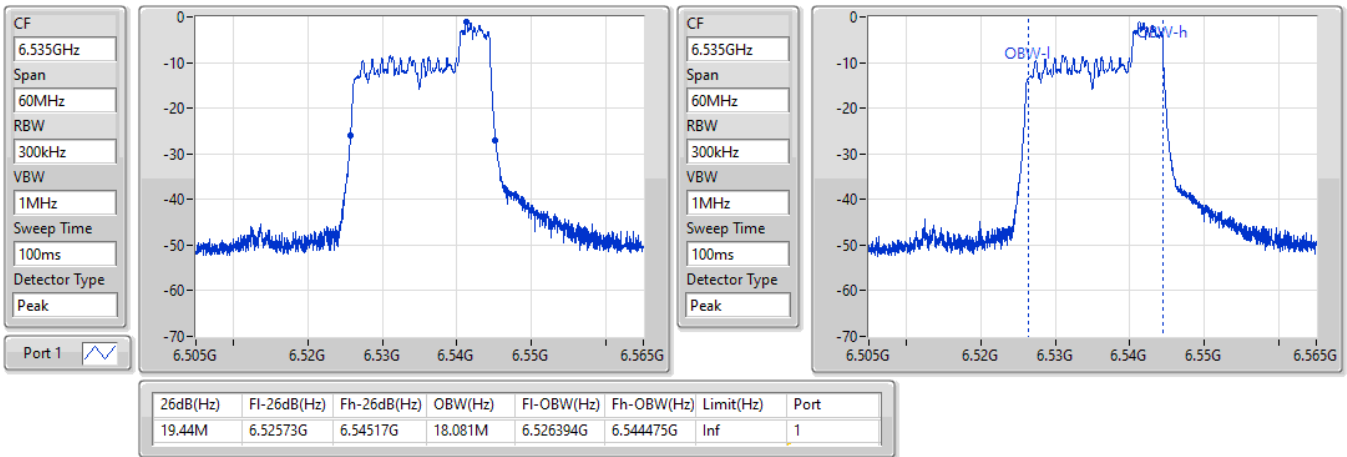


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

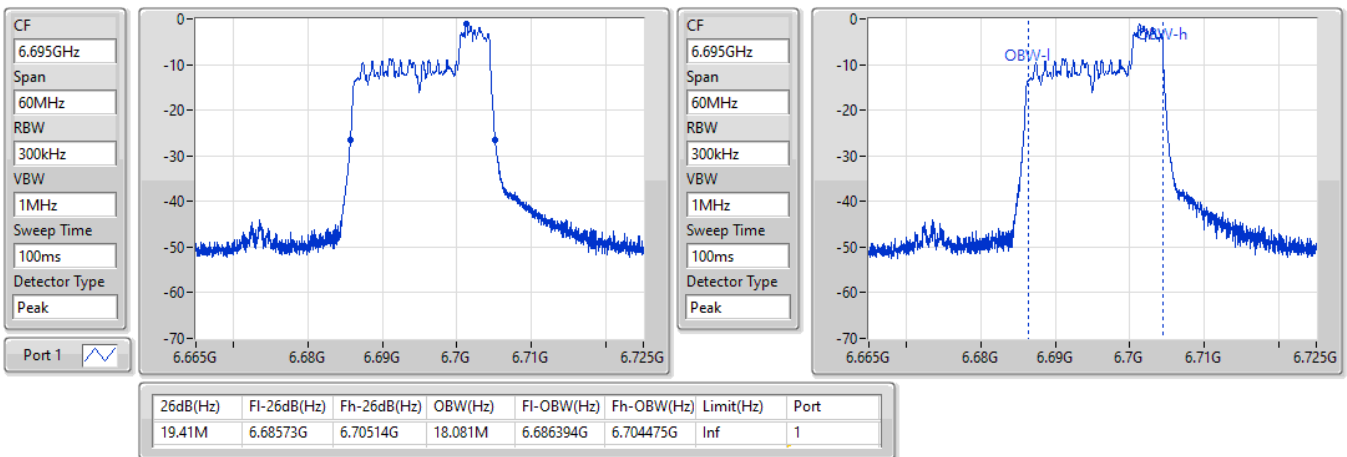


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

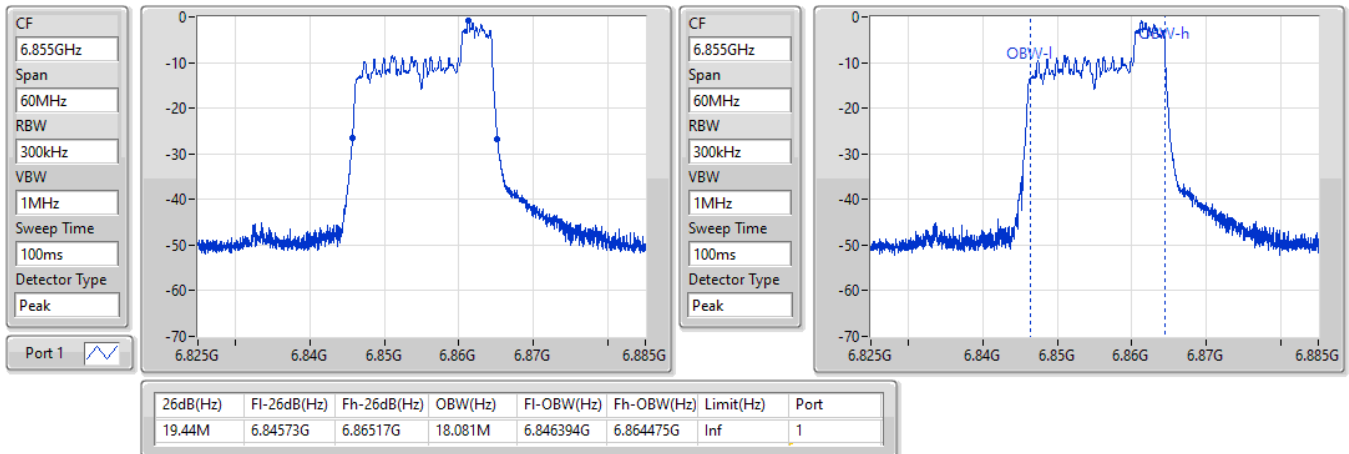


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

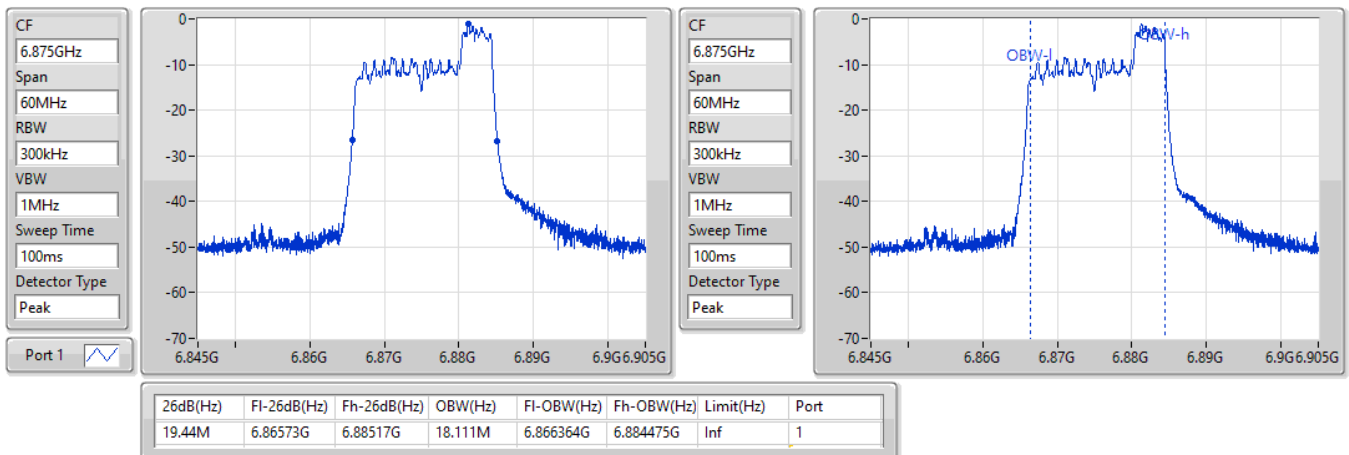


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

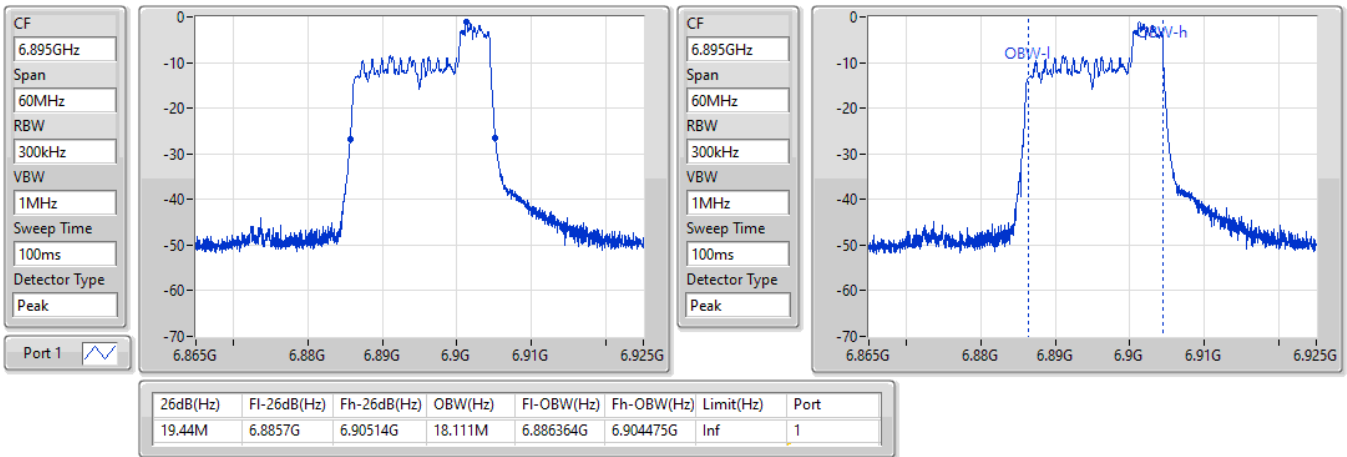


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

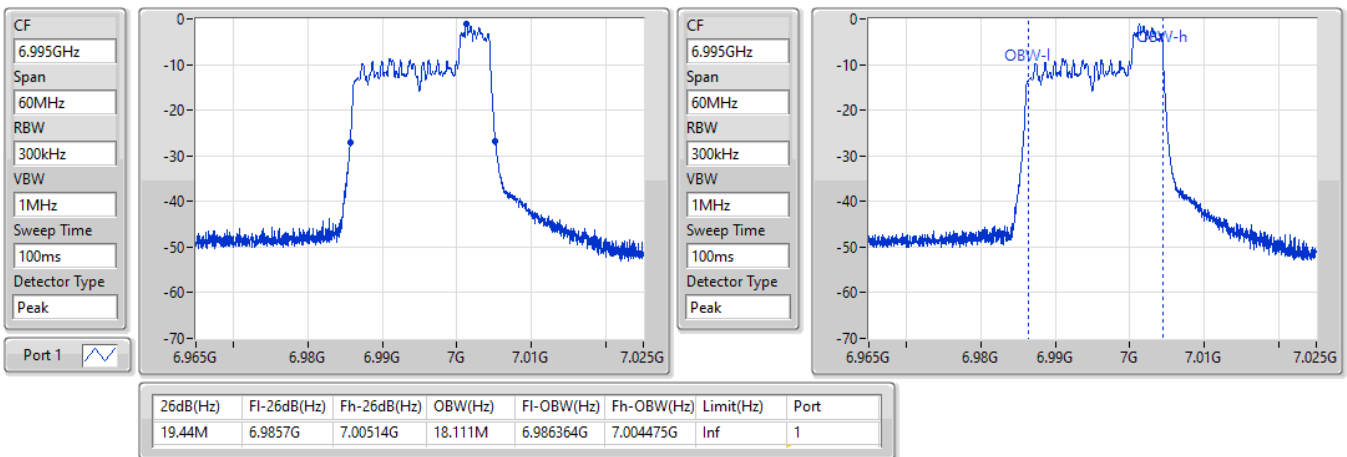


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

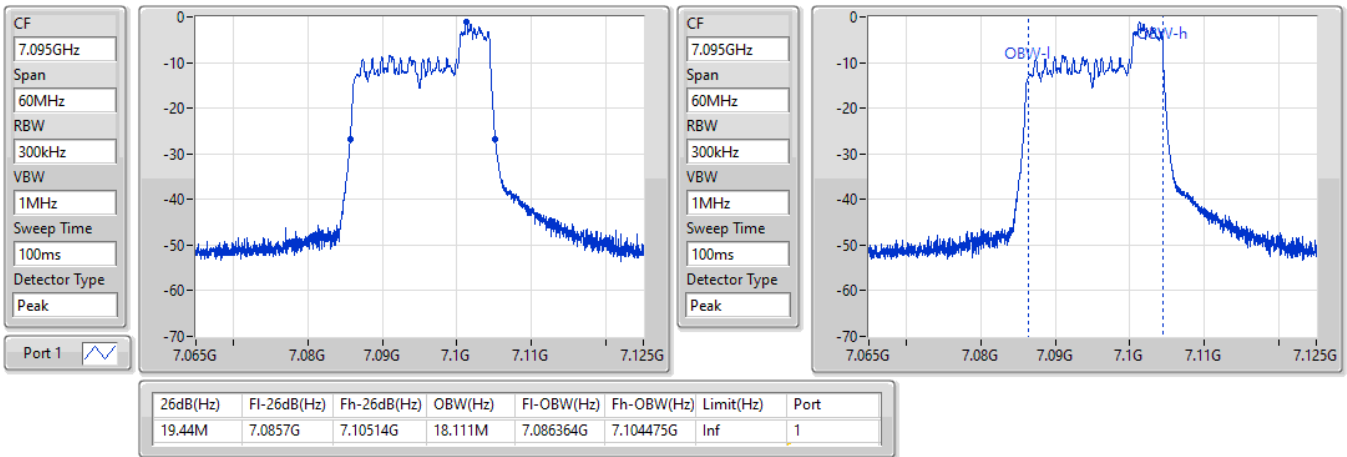


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

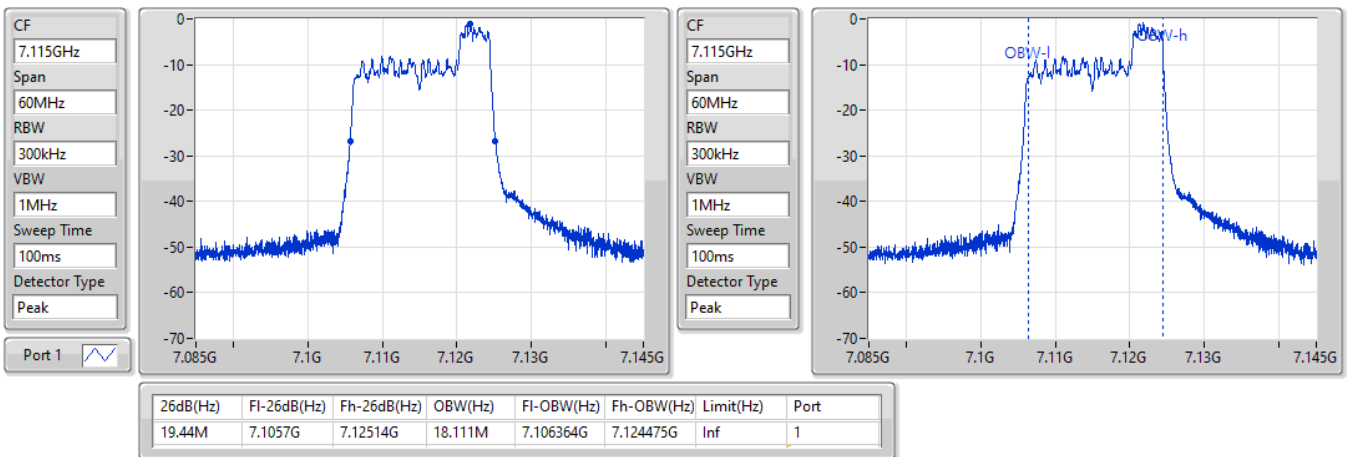


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.41M	18.111M	18M1D1D	19.32M	18.081M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.38M	18.081M	18M1D1D	19.38M	18.081M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.56M	18.081M	18M1D1D	19.47M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.56M	18.111M	18M1D1D	19.47M	18.081M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.38M	18.111M
6195MHz	Pass	Inf	19.32M	18.081M
6415MHz	Pass	Inf	19.41M	18.081M
6435MHz	Pass	Inf	19.38M	18.081M
6475MHz	Pass	Inf	19.38M	18.081M
6515MHz	Pass	Inf	19.38M	18.081M
6535MHz	Pass	Inf	19.53M	18.081M
6695MHz	Pass	Inf	19.5M	18.081M
6855MHz	Pass	Inf	19.47M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.56M	18.081M
6895MHz	Pass	Inf	19.47M	18.081M
6995MHz	Pass	Inf	19.53M	18.081M
7095MHz	Pass	Inf	19.53M	18.081M
7115MHz	Pass	Inf	19.56M	18.111M

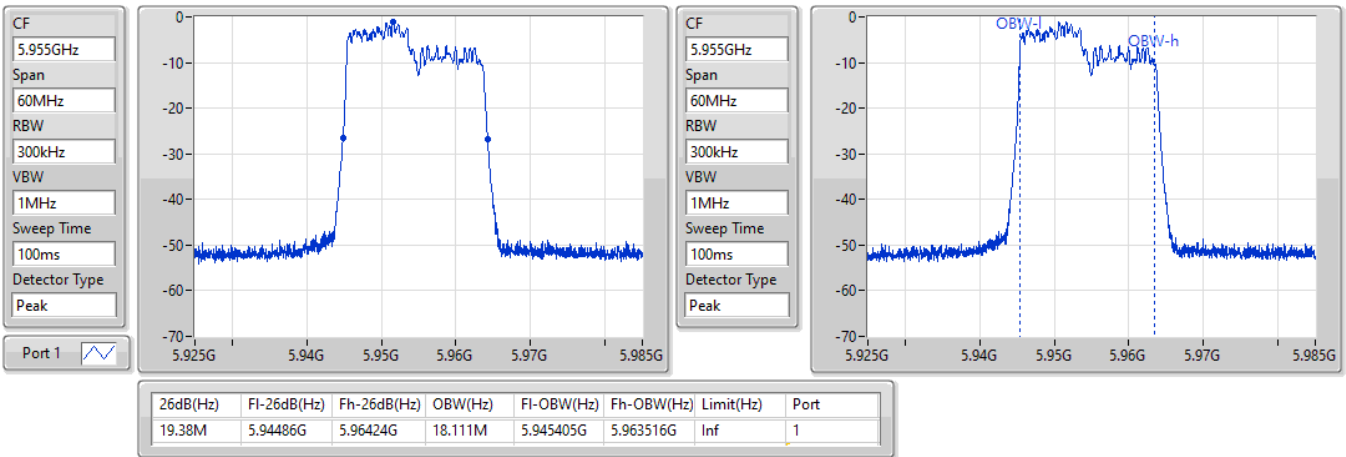
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

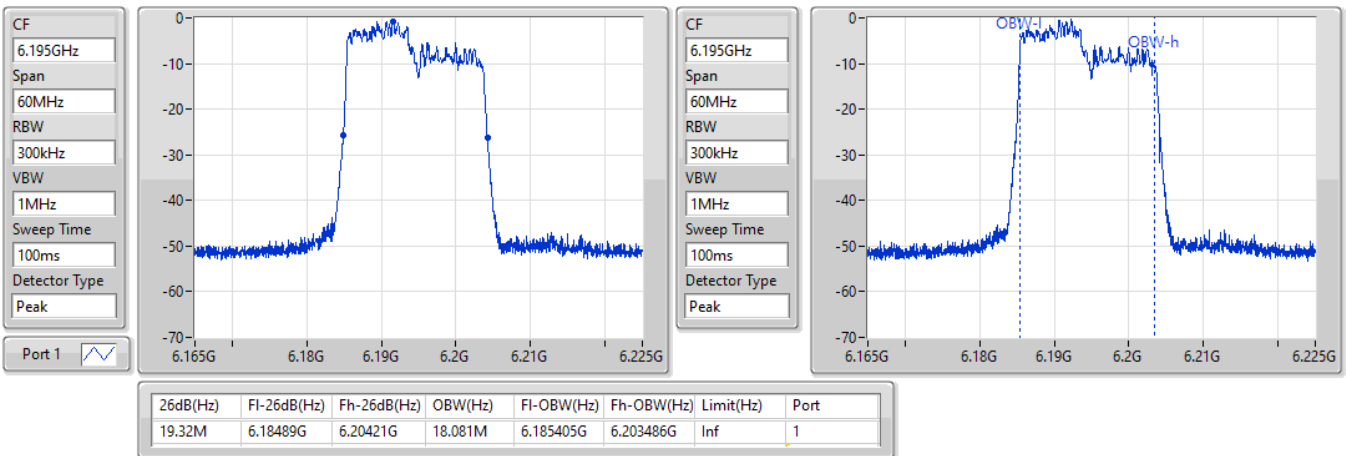


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

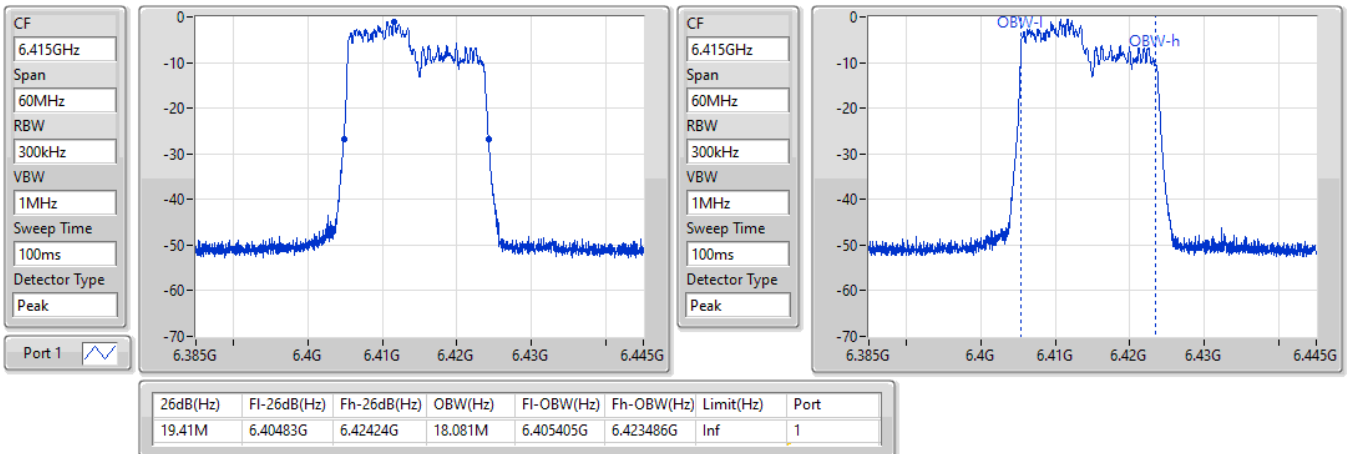


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

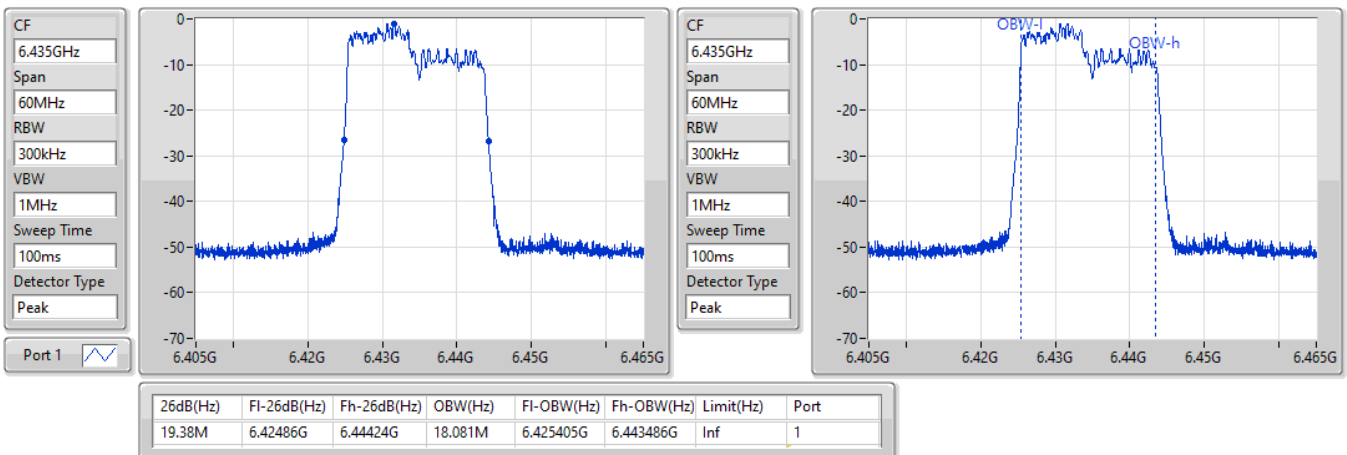


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

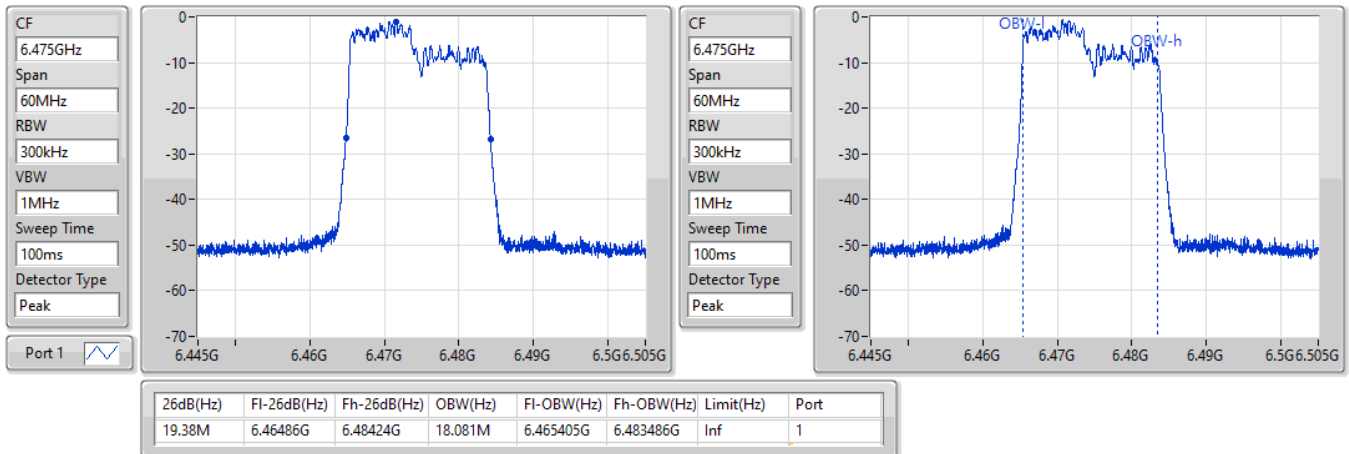


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

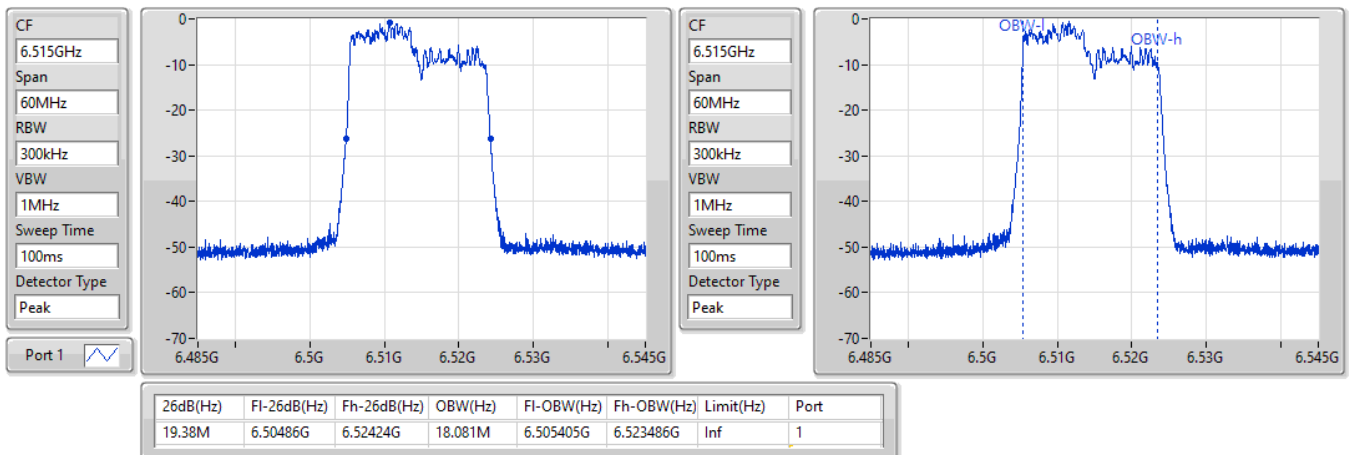


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

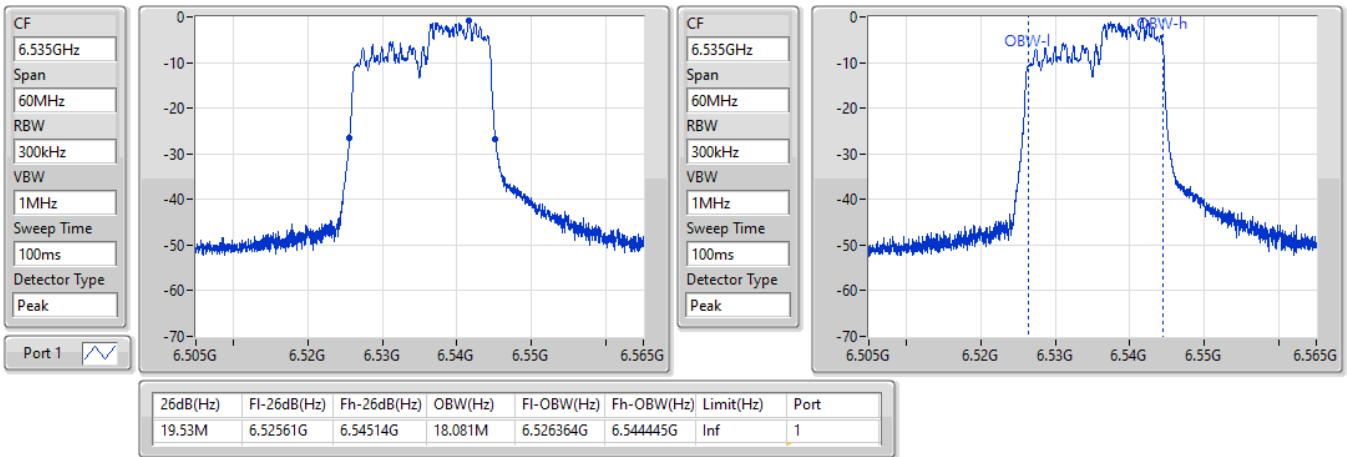


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

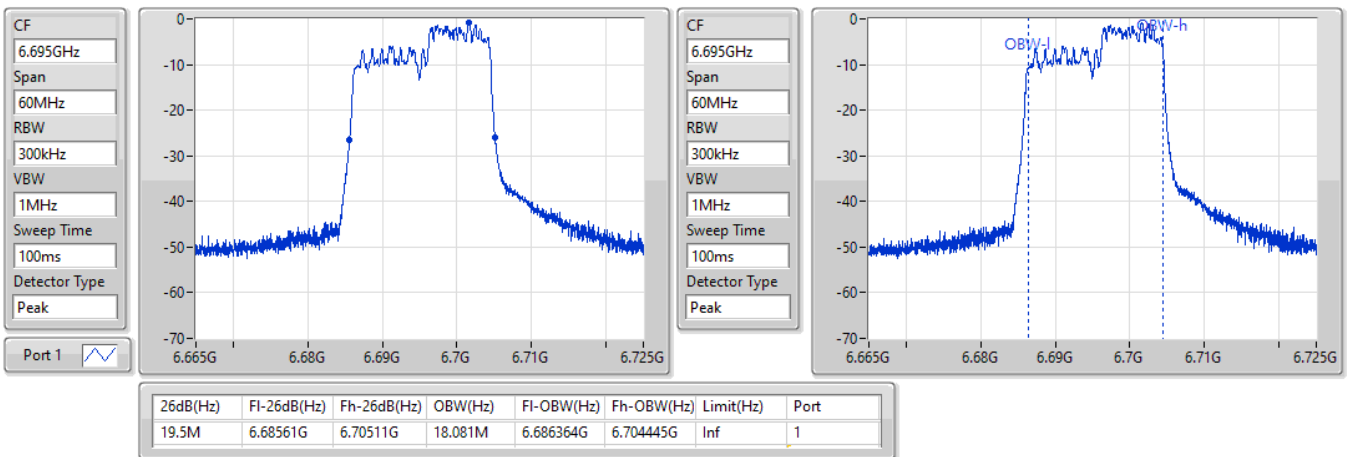


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

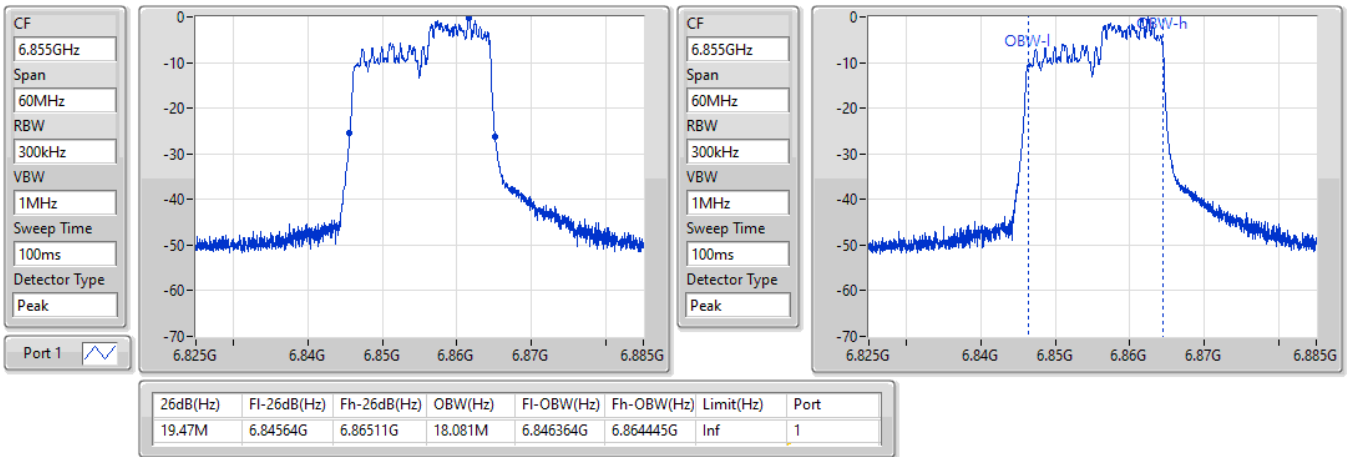


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

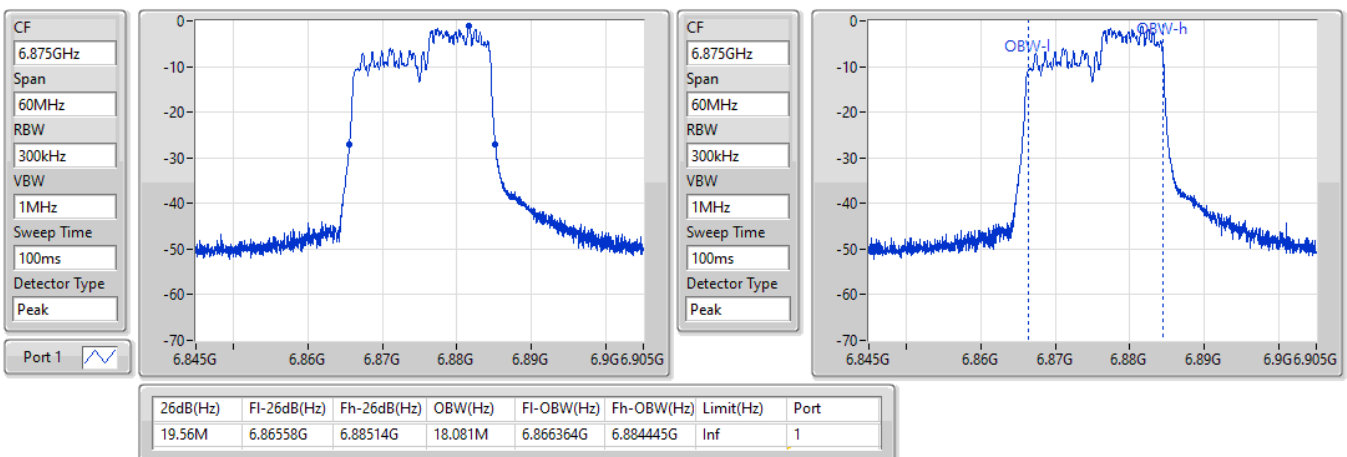


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

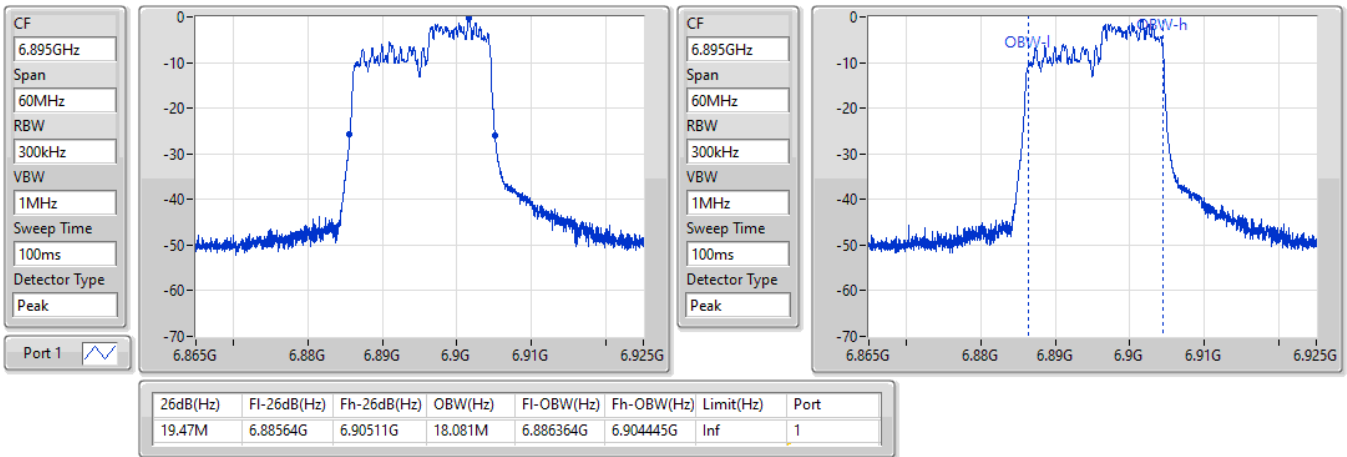


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

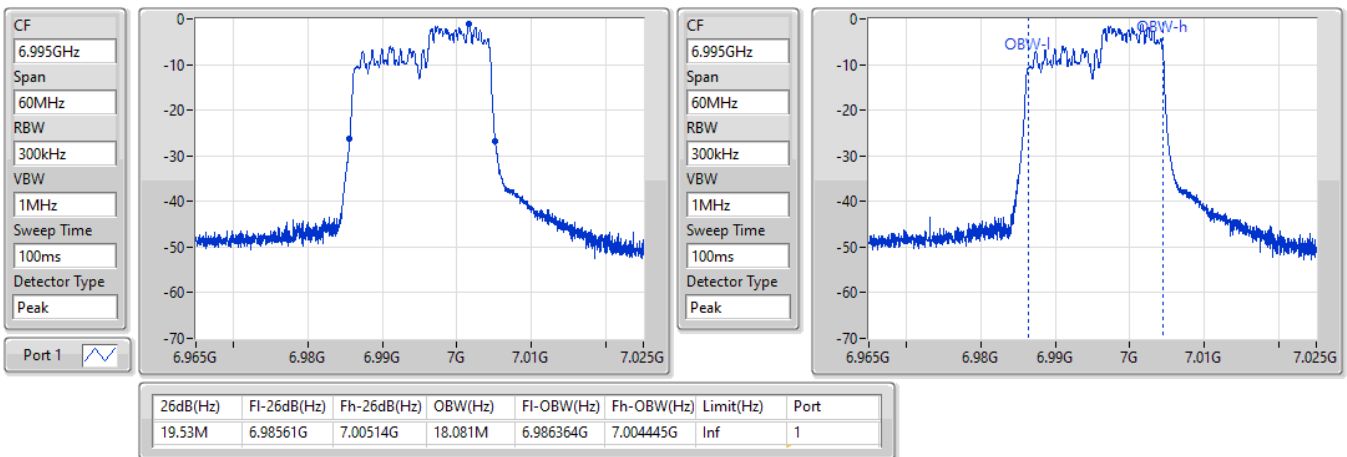


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

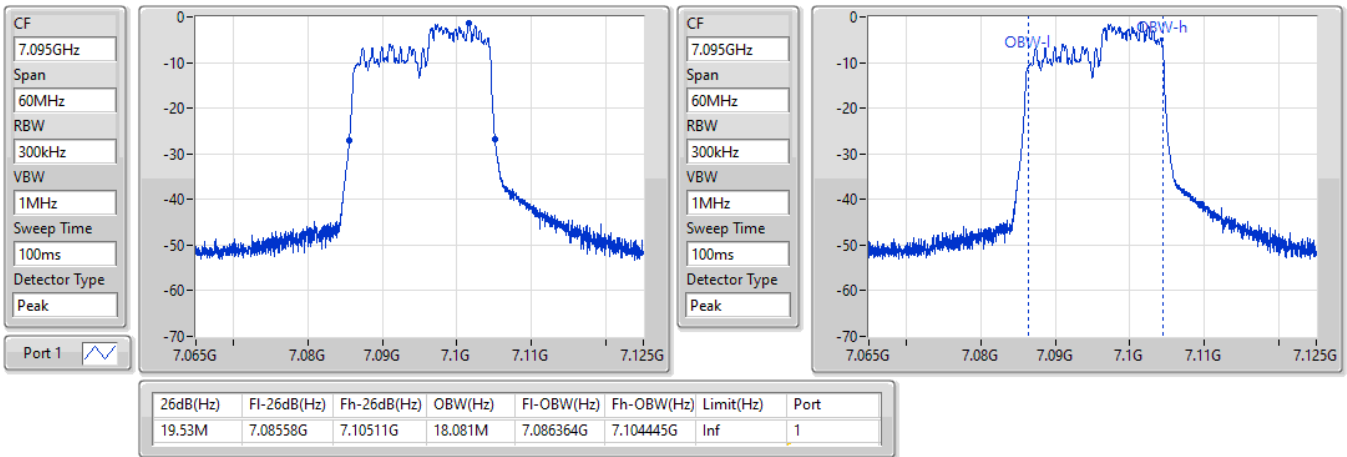


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

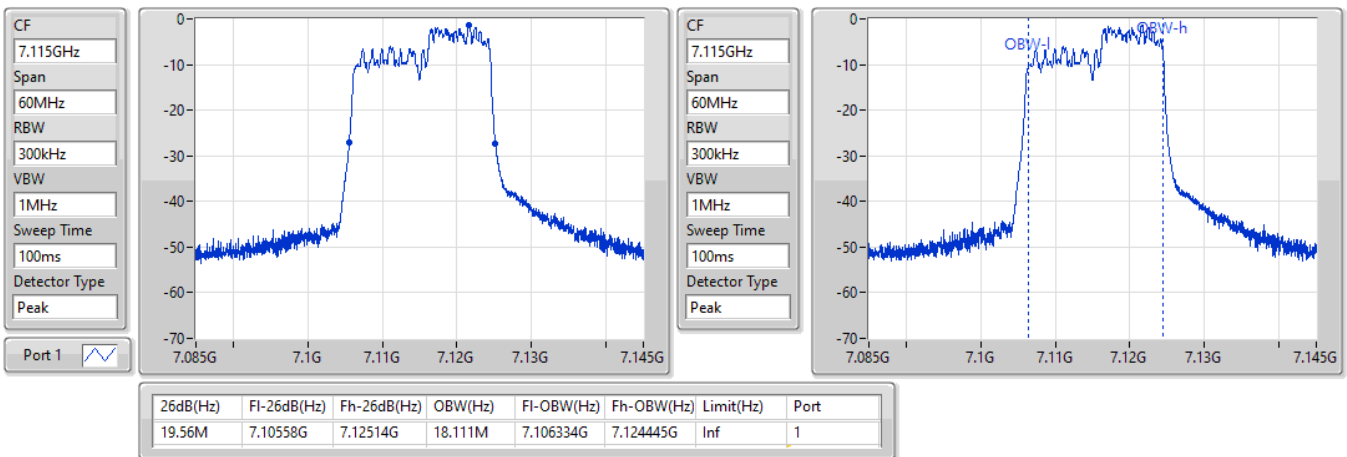


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.35M	17.511M	17M5D1D	19.08M	17.421M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	17.361M	17M4D1D	19.17M	16.972M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.35M	17.541M	17M5D1D	18.93M	17.211M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.38M	17.661M	17M7D1D	19.05M	17.271M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.35M	17.421M
6195MHz	Pass	Inf	19.26M	17.511M
6415MHz	Pass	Inf	19.08M	17.451M
6435MHz	Pass	Inf	19.32M	16.972M
6475MHz	Pass	Inf	19.17M	17.361M
6515MHz	Pass	Inf	19.29M	17.301M
6535MHz	Pass	Inf	19.32M	17.301M
6695MHz	Pass	Inf	19.35M	17.361M
6855MHz	Pass	Inf	19.23M	17.541M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	18.93M	17.211M
6895MHz	Pass	Inf	19.35M	17.511M
6995MHz	Pass	Inf	19.17M	17.661M
7095MHz	Pass	Inf	19.38M	17.391M
7115MHz	Pass	Inf	19.05M	17.271M

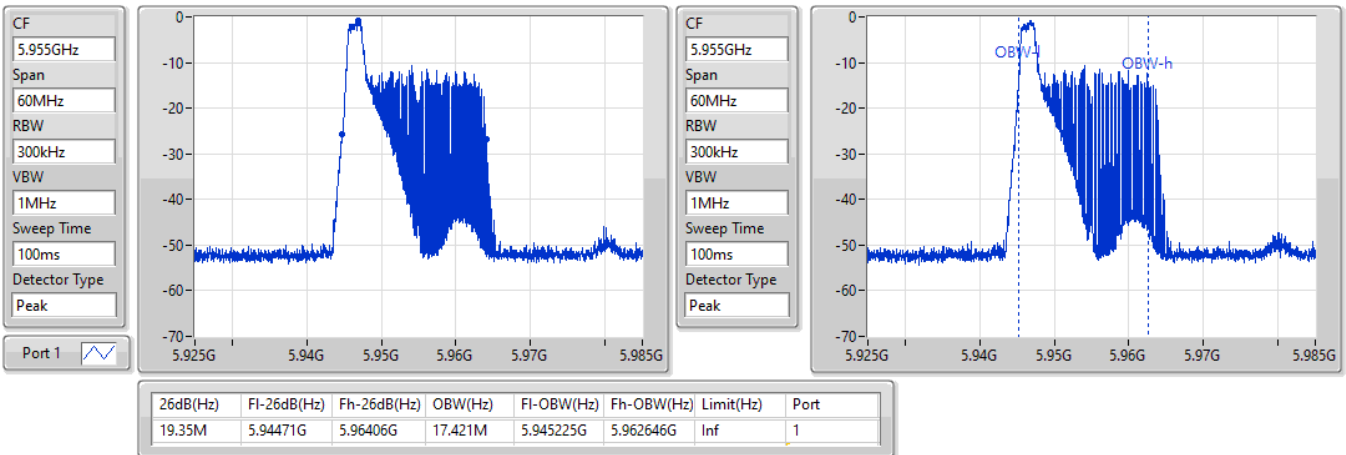
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

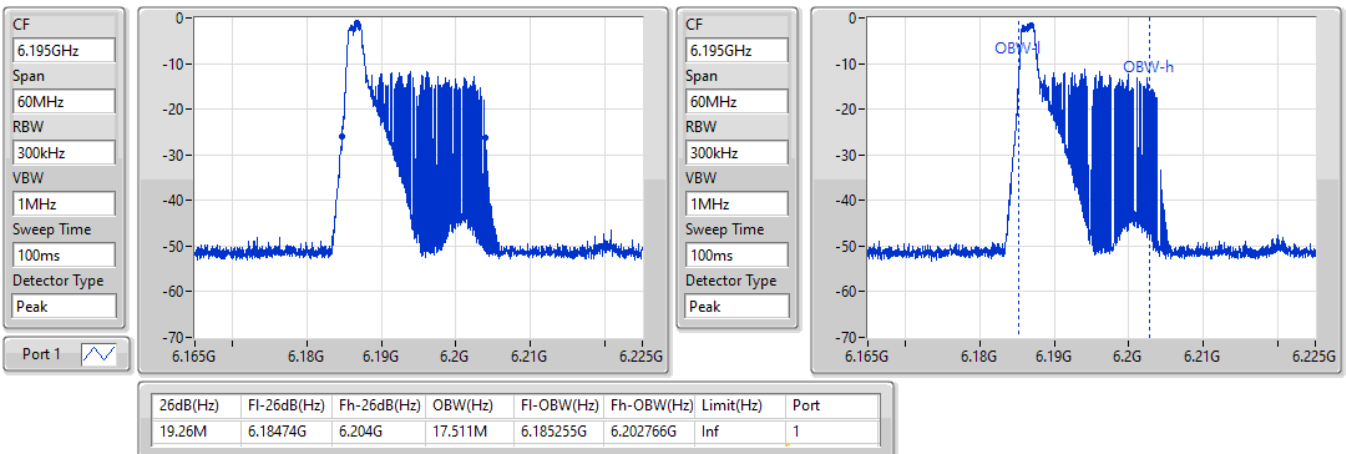


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

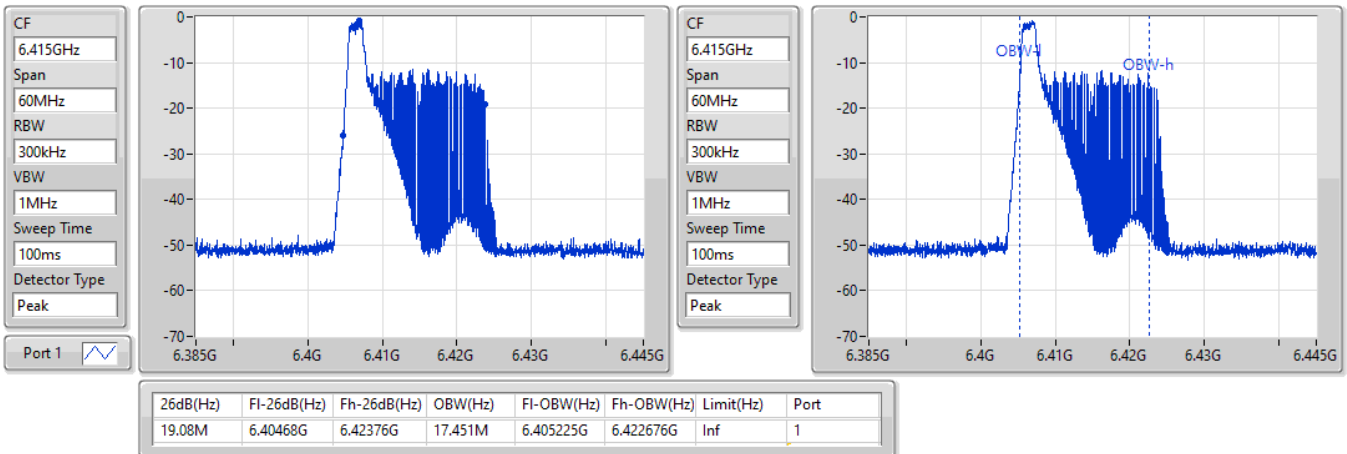


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

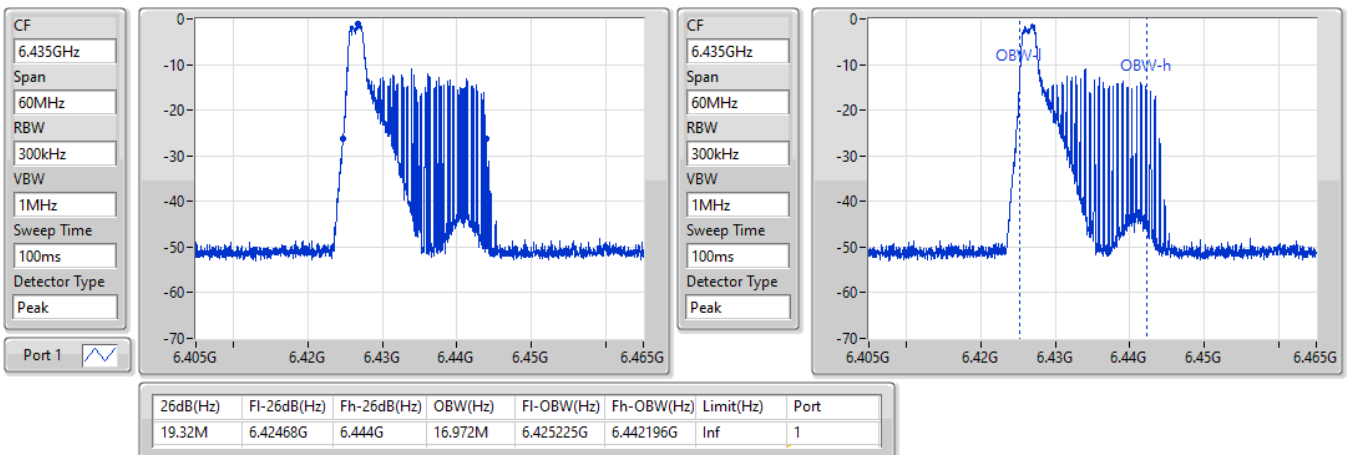


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

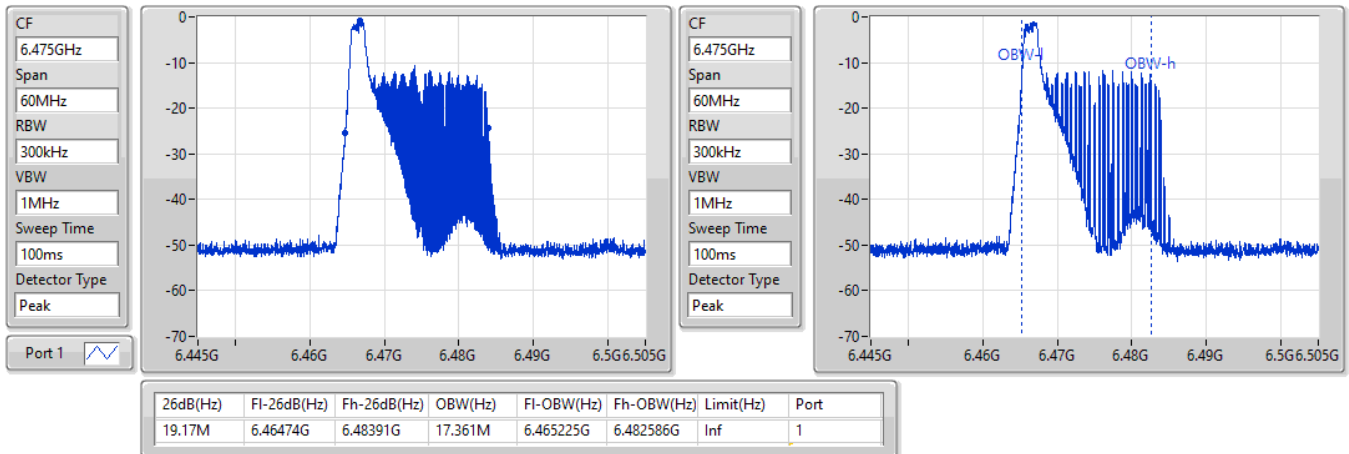


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

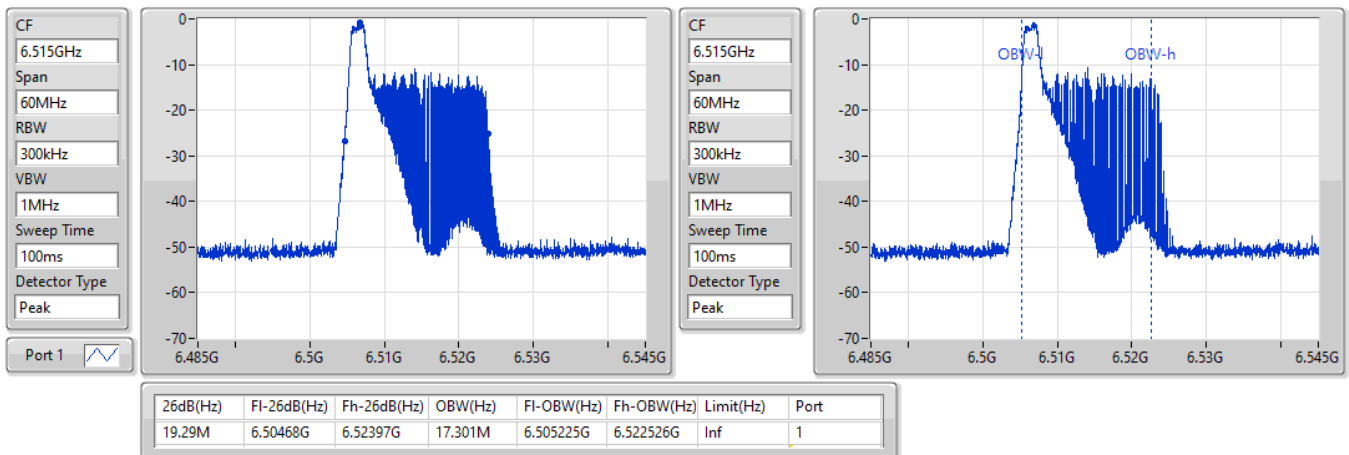


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

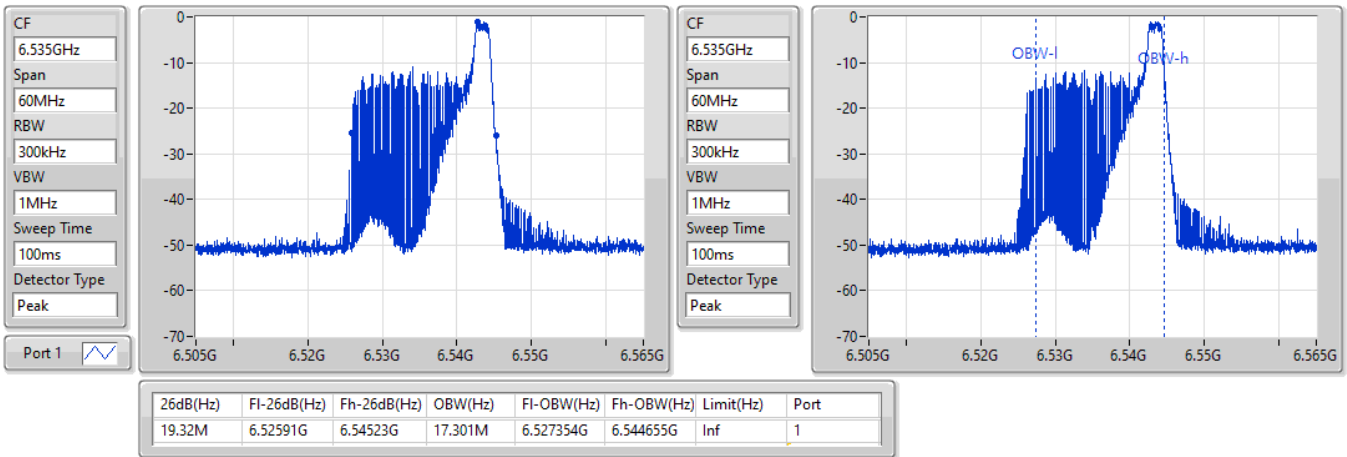


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

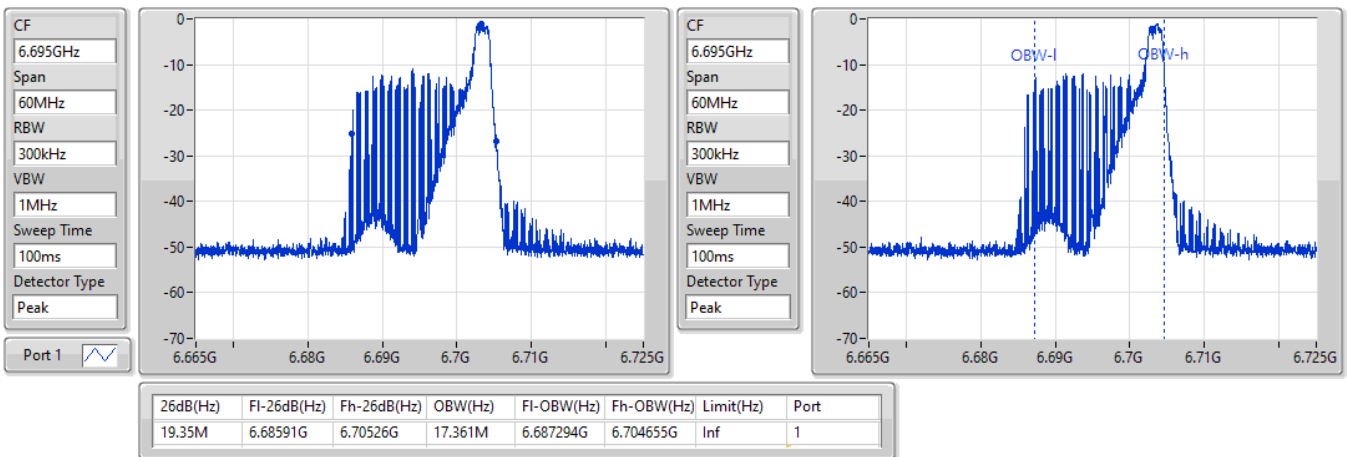


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

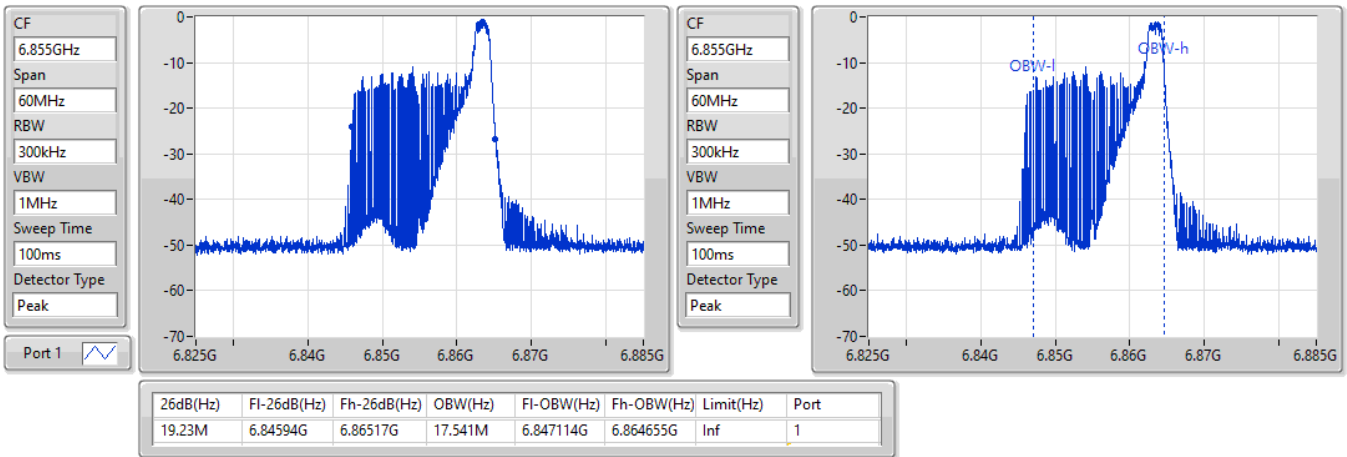


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

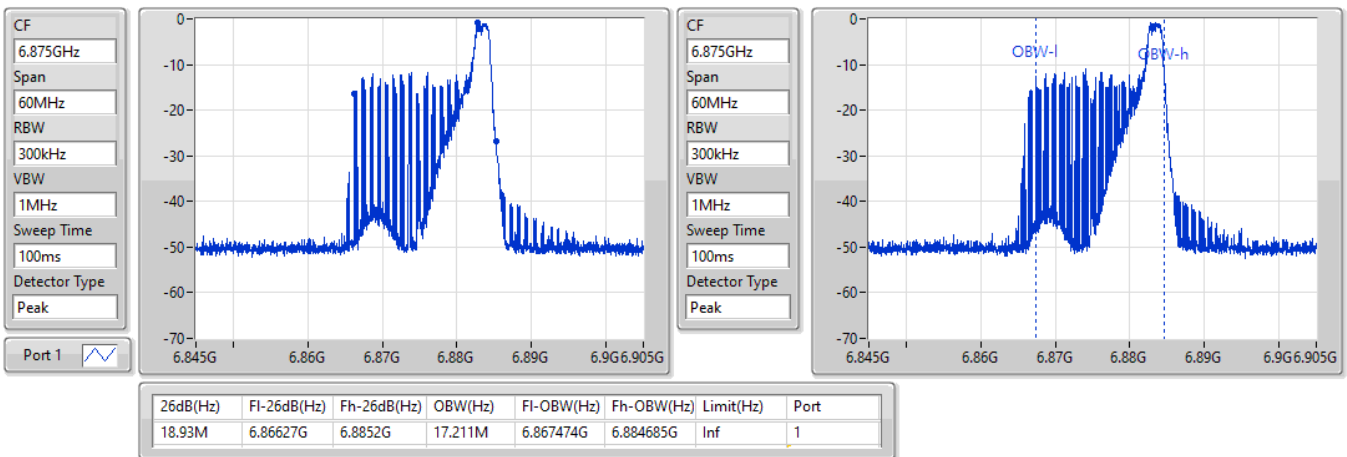


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

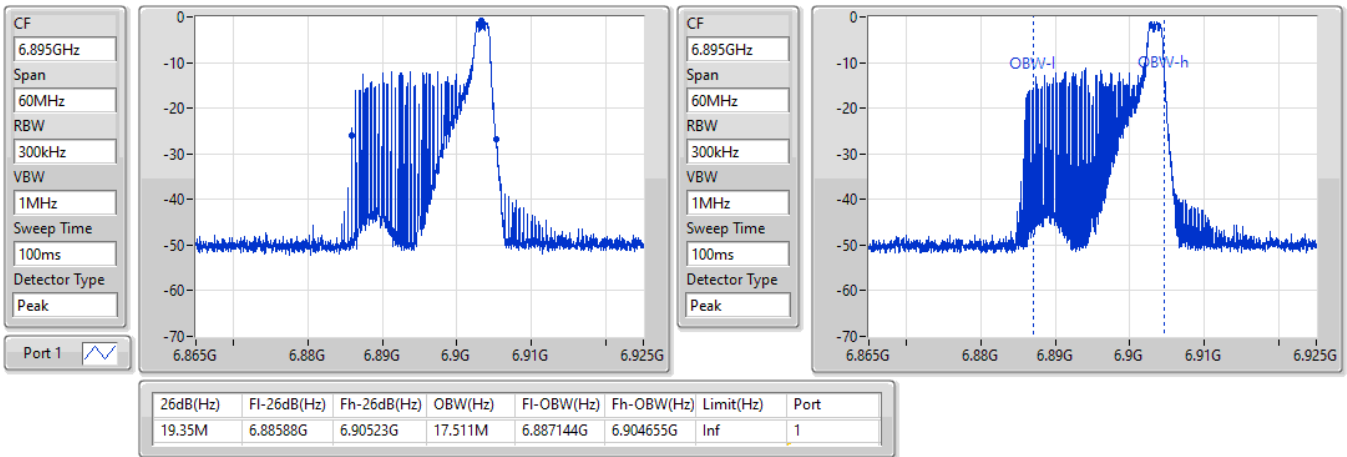


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

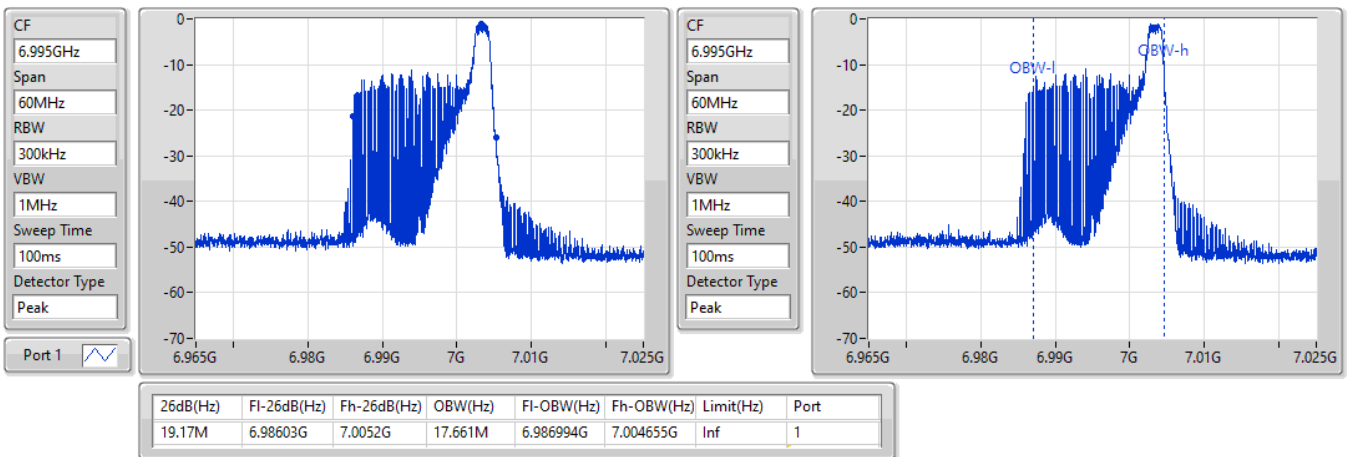


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

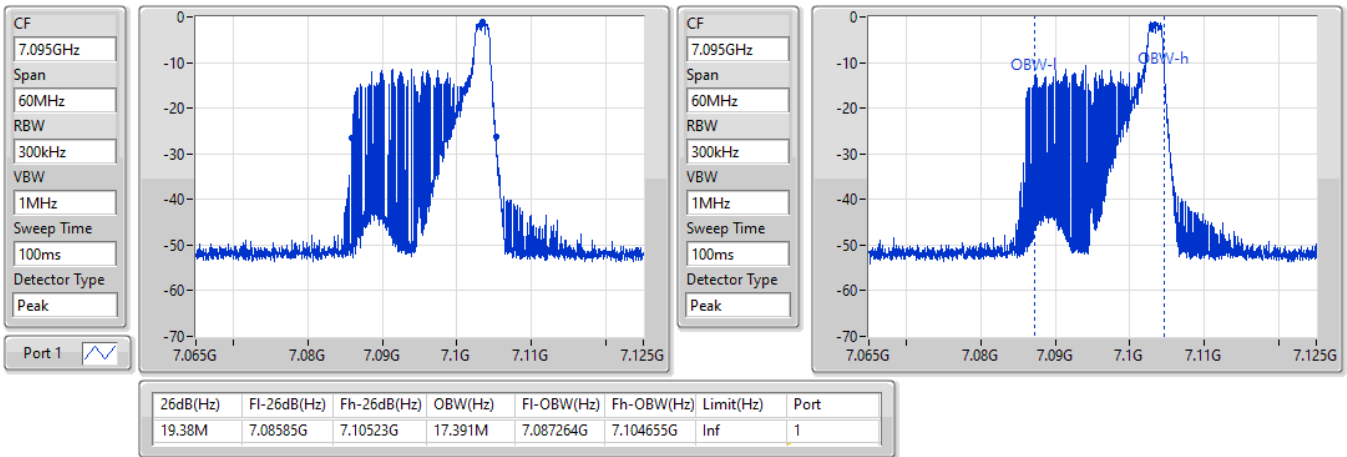


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

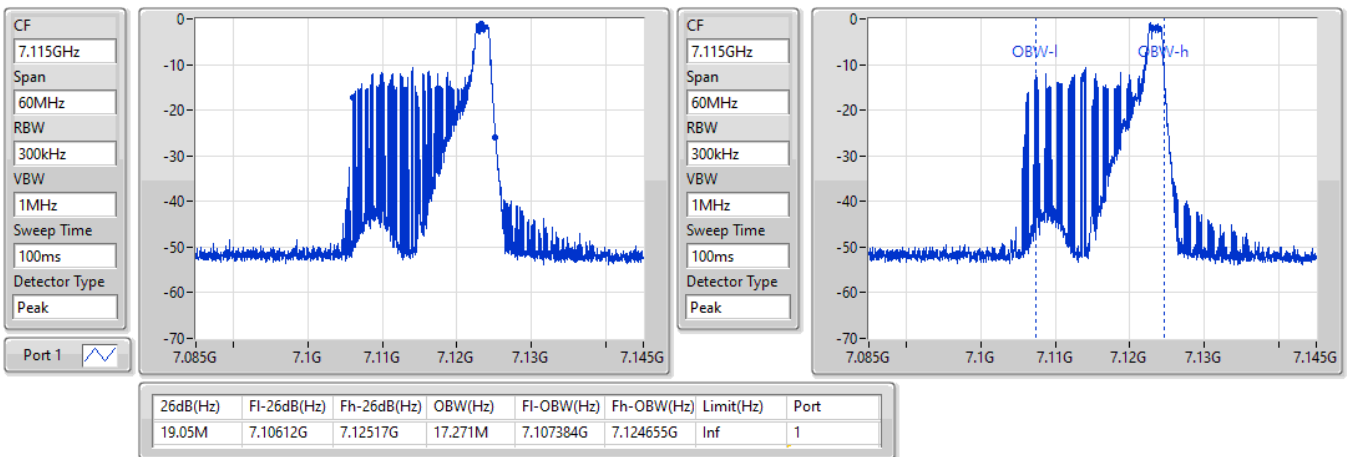


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	18.081M	18M1D1D	19.29M	18.021M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.32M	18.081M	18M1D1D	19.29M	18.051M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.44M	18.111M	18M1D1D	19.41M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.44M	18.111M	18M1D1D	19.44M	18.111M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.32M	18.051M
6195MHz	Pass	Inf	19.29M	18.021M
6415MHz	Pass	Inf	19.29M	18.081M
6435MHz	Pass	Inf	19.32M	18.081M
6475MHz	Pass	Inf	19.32M	18.051M
6515MHz	Pass	Inf	19.29M	18.051M
6535MHz	Pass	Inf	19.44M	18.081M
6695MHz	Pass	Inf	19.41M	18.081M
6855MHz	Pass	Inf	19.44M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.44M	18.111M
6875MHz Straddle 6.875-7.125GHz				
6895MHz	Pass	Inf	19.44M	18.111M
6995MHz	Pass	Inf	19.44M	18.111M
7095MHz	Pass	Inf	19.44M	18.111M
7115MHz	Pass	Inf	19.44M	18.111M

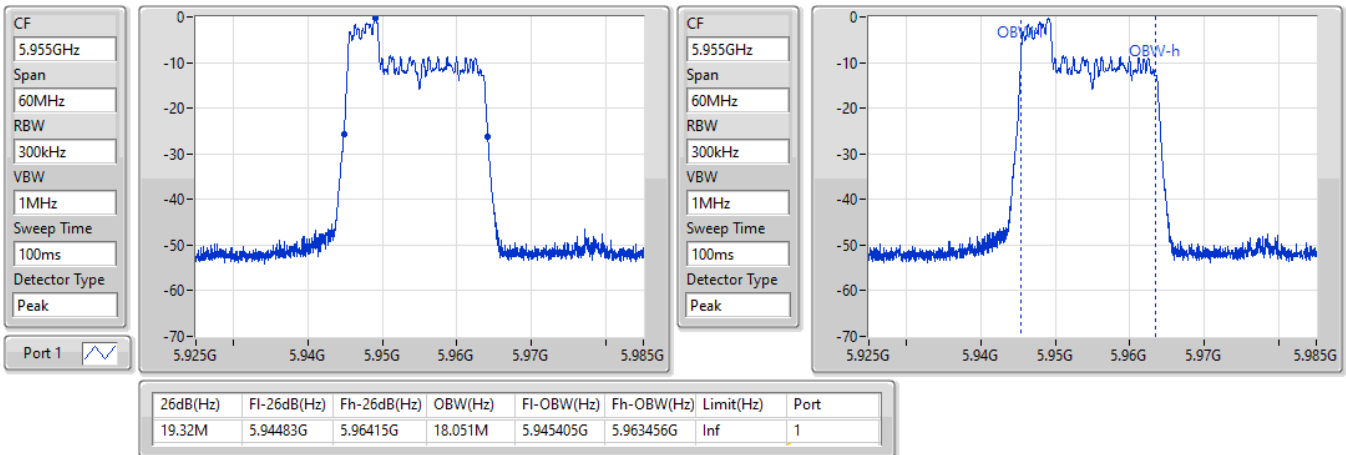
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

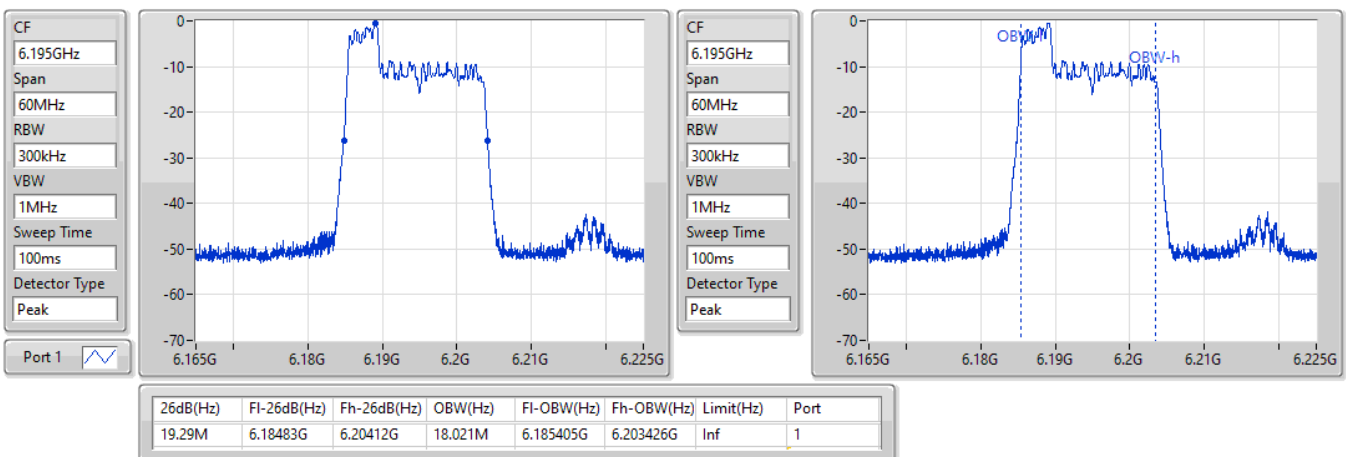


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

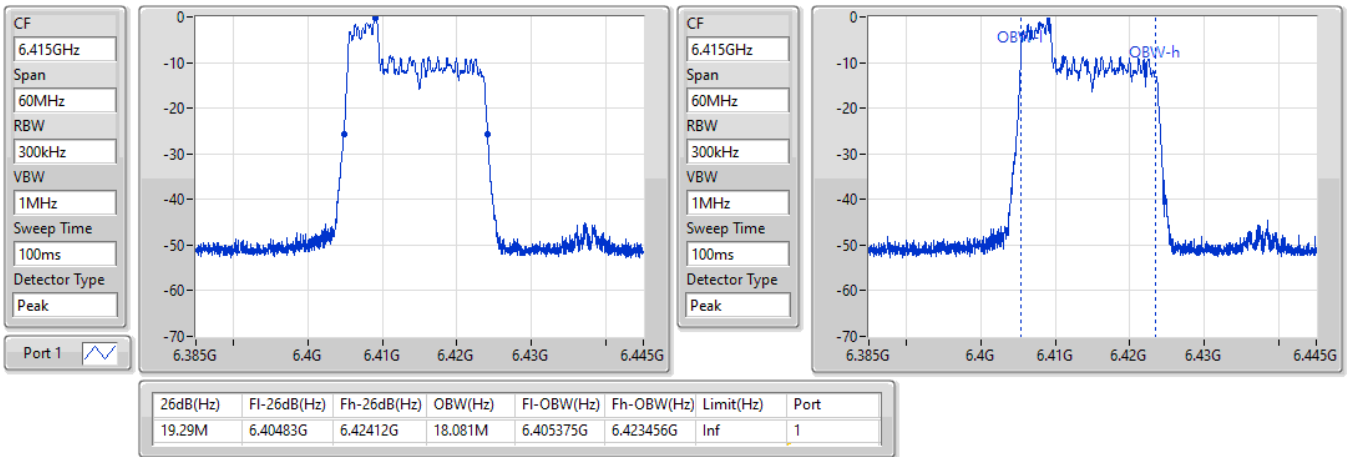


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

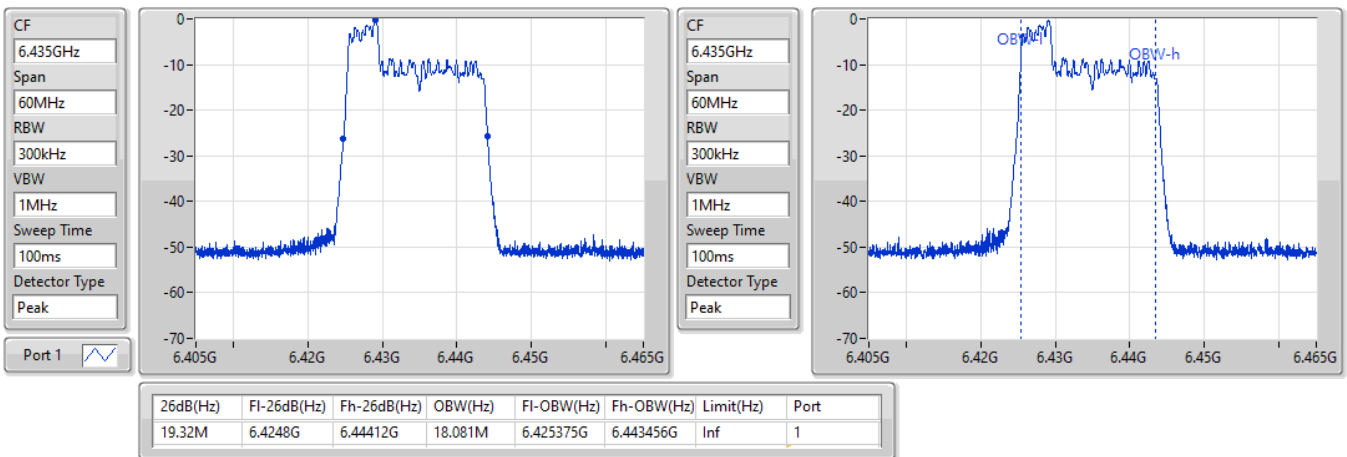


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

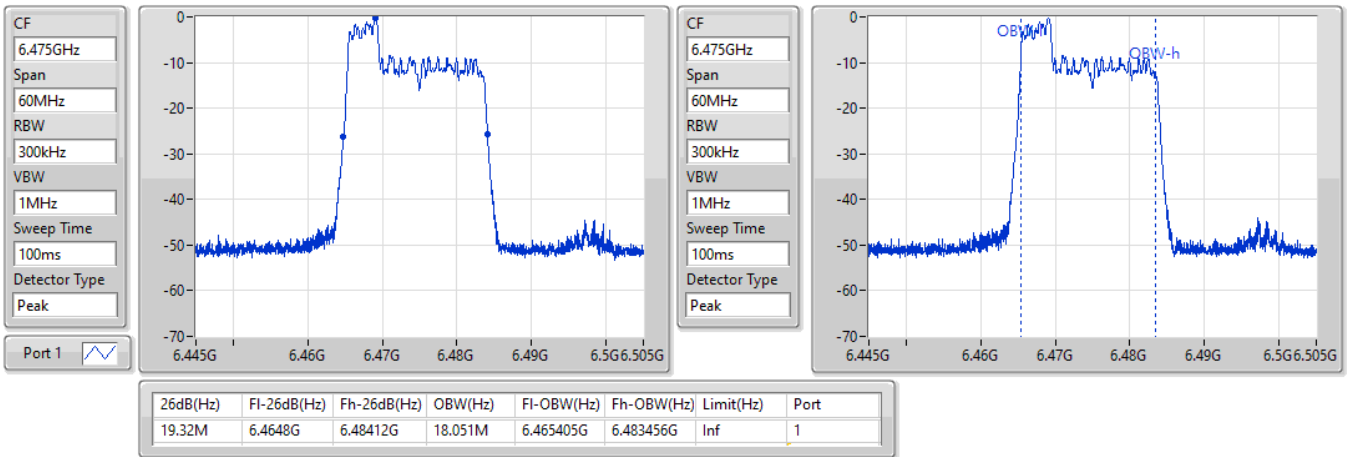


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

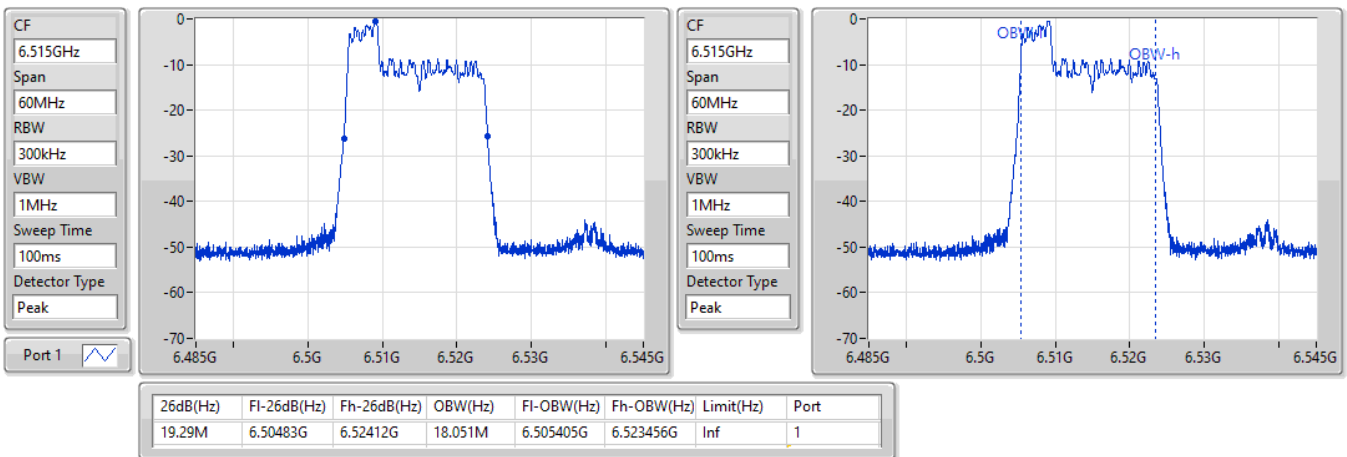


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

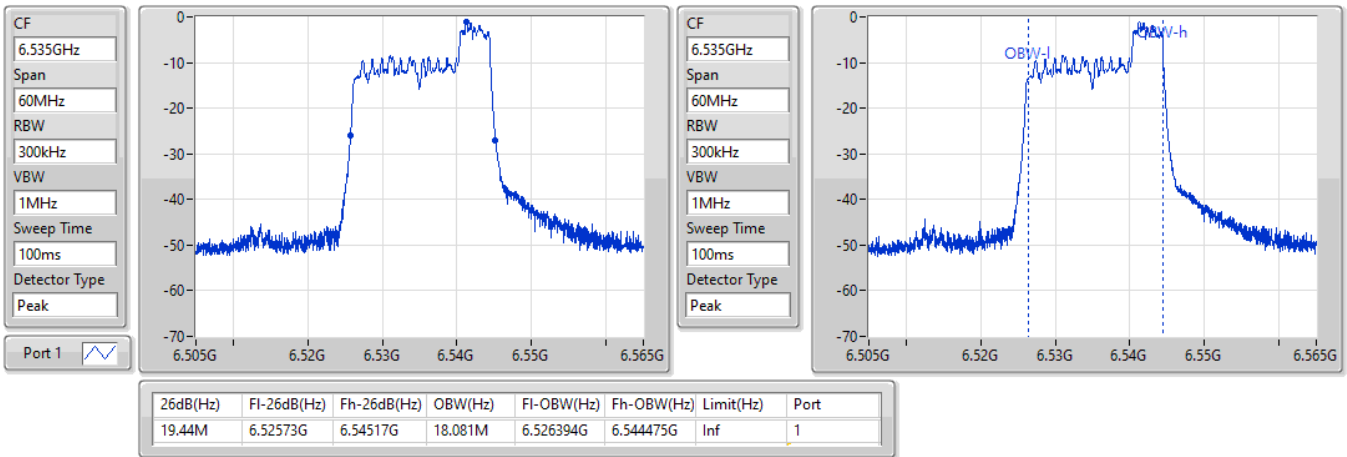


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

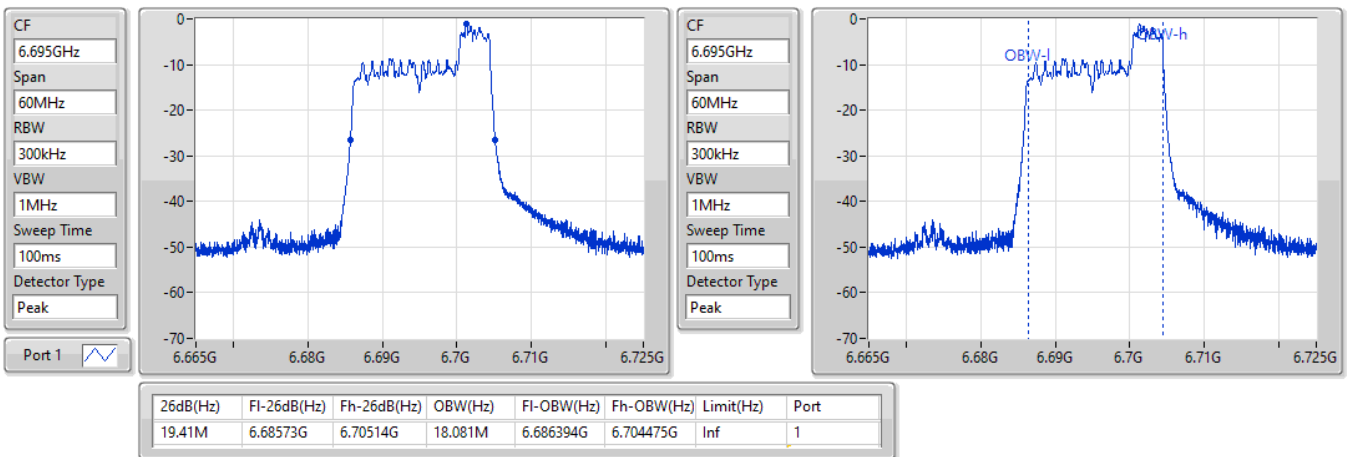


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

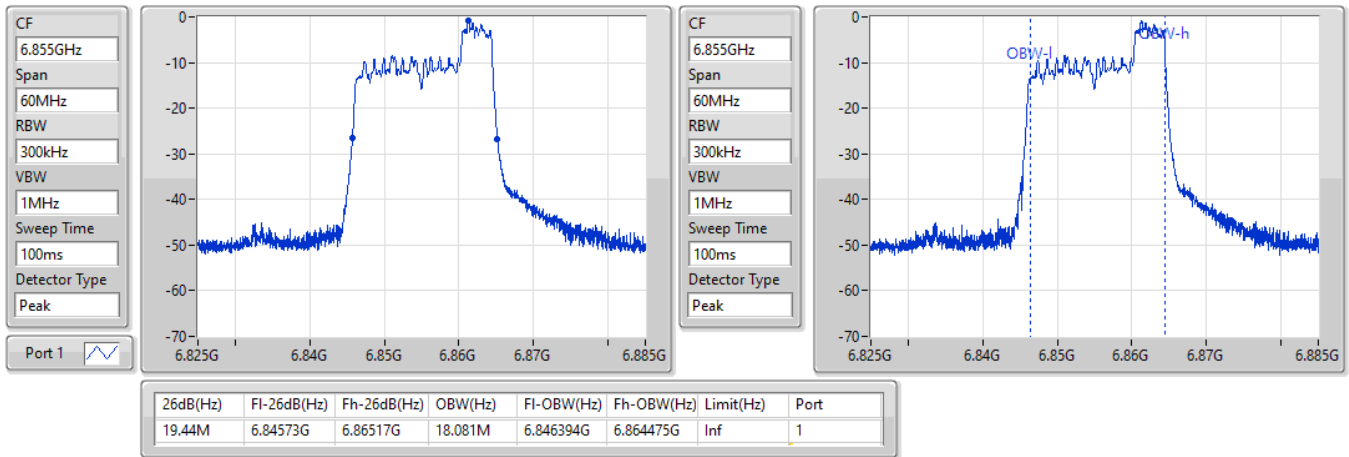


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

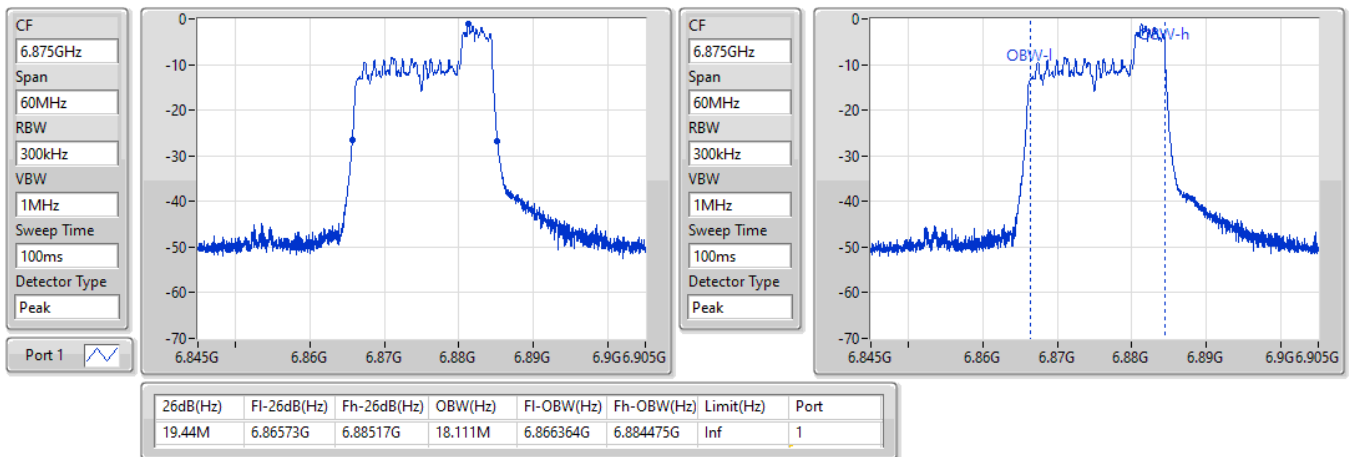


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

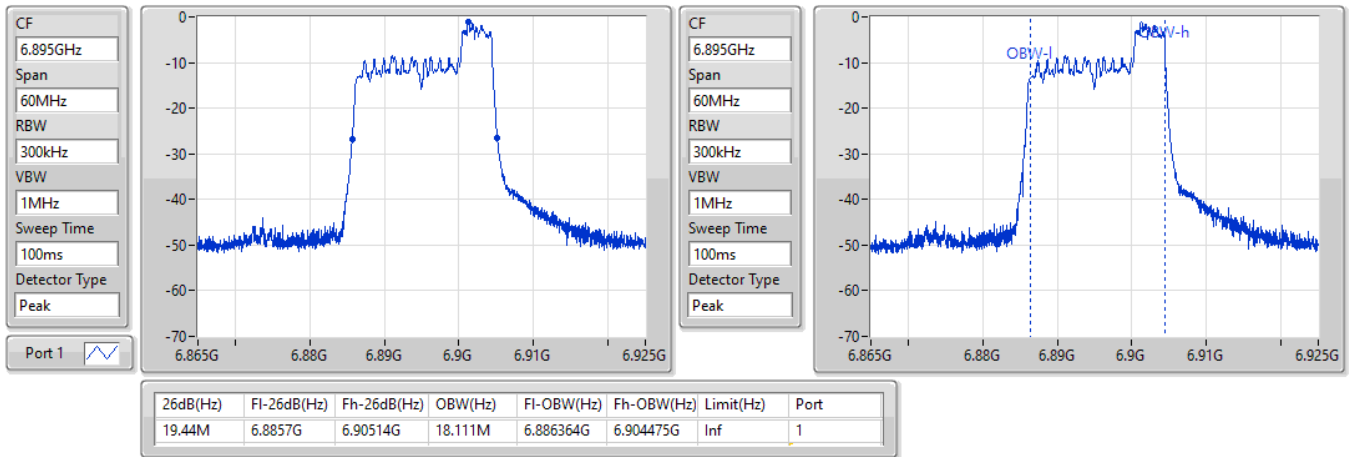


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

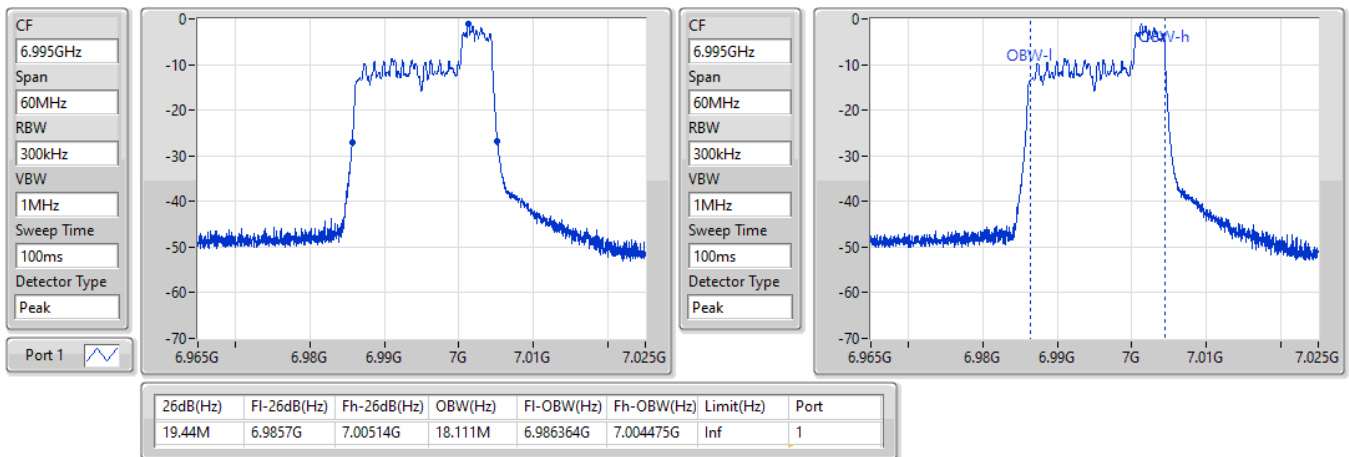


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

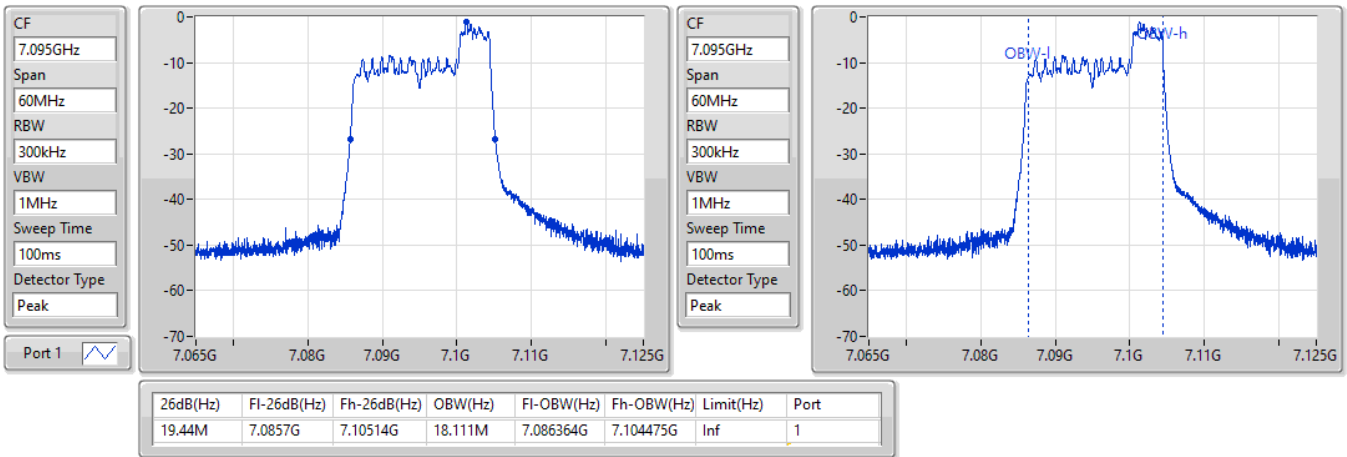


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

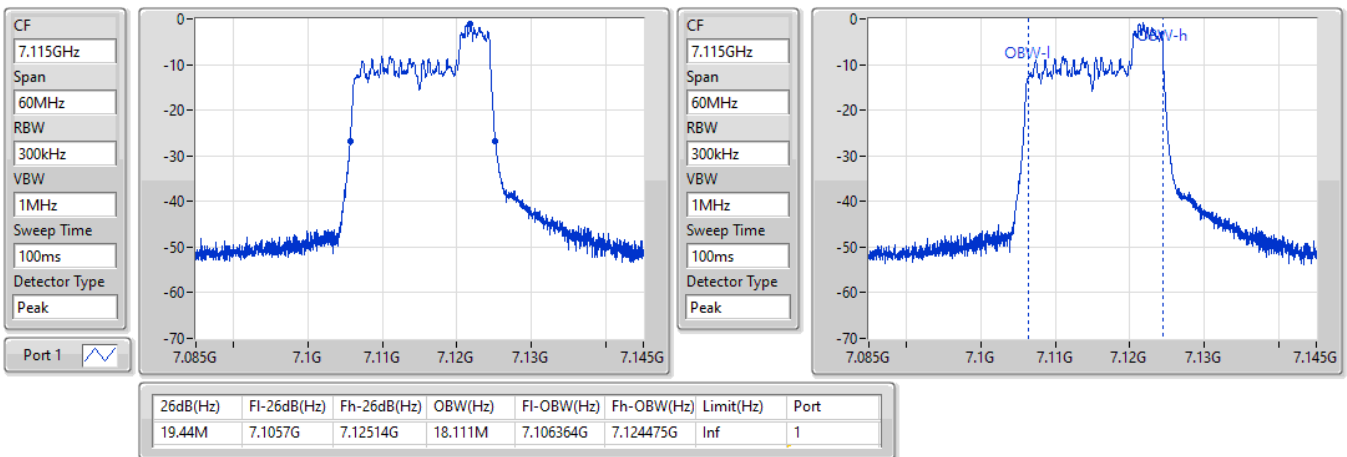


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.41M	18.111M	18M1D1D	19.32M	18.081M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.38M	18.081M	18M1D1D	19.38M	18.081M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.56M	18.081M	18M1D1D	19.47M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.56M	18.111M	18M1D1D	19.47M	18.081M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	19.38M	18.111M
6195MHz	Pass	Inf	19.32M	18.081M
6415MHz	Pass	Inf	19.41M	18.081M
6435MHz	Pass	Inf	19.38M	18.081M
6475MHz	Pass	Inf	19.38M	18.081M
6515MHz	Pass	Inf	19.38M	18.081M
6535MHz	Pass	Inf	19.53M	18.081M
6695MHz	Pass	Inf	19.5M	18.081M
6855MHz	Pass	Inf	19.47M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.56M	18.081M
6895MHz	Pass	Inf	19.47M	18.081M
6995MHz	Pass	Inf	19.53M	18.081M
7095MHz	Pass	Inf	19.53M	18.081M
7115MHz	Pass	Inf	19.56M	18.111M

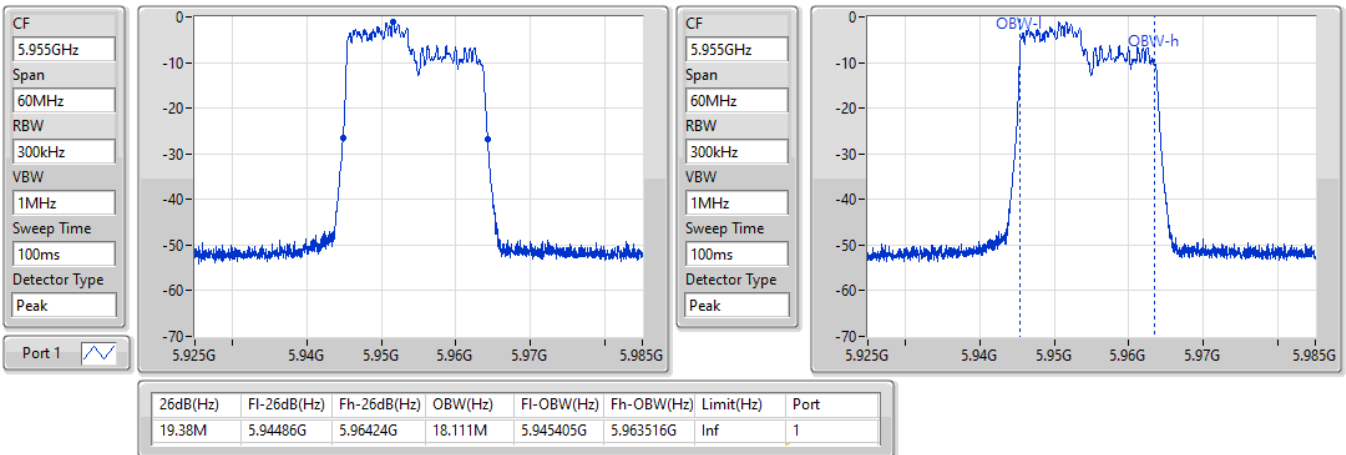
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

18/06/2022

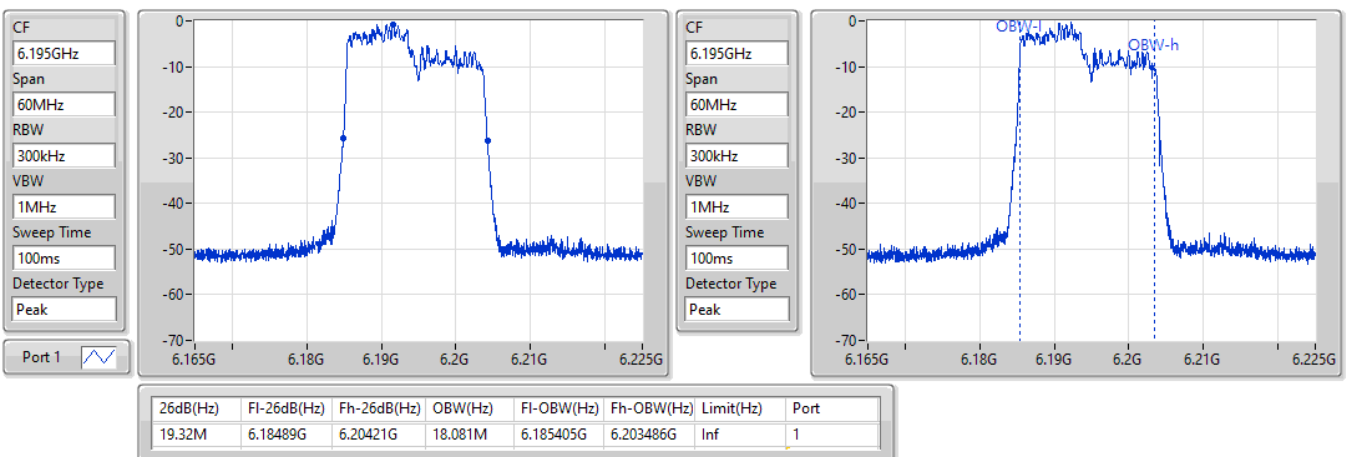


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

18/06/2022

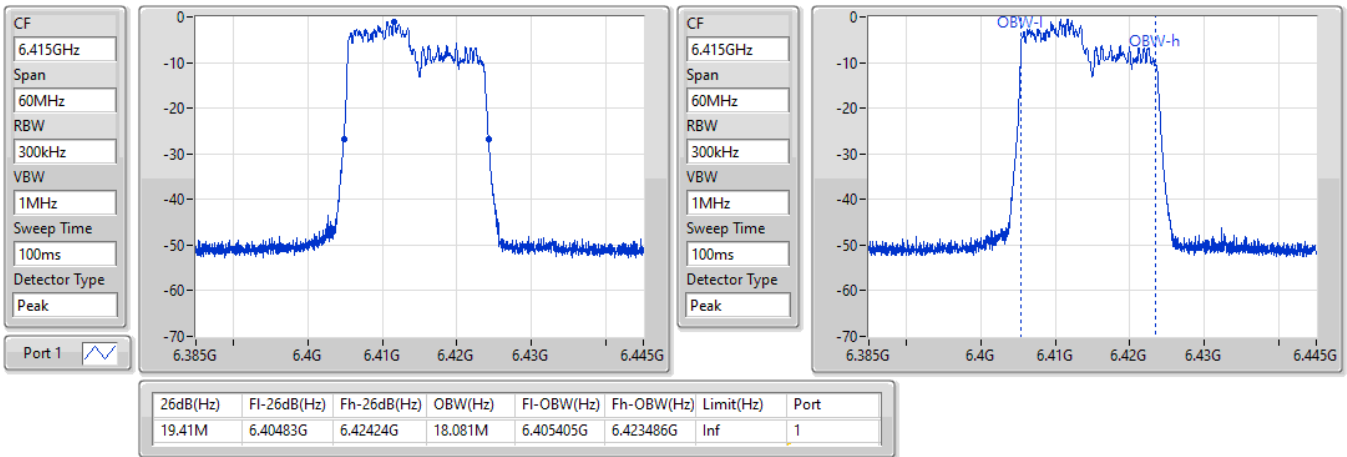


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

18/06/2022

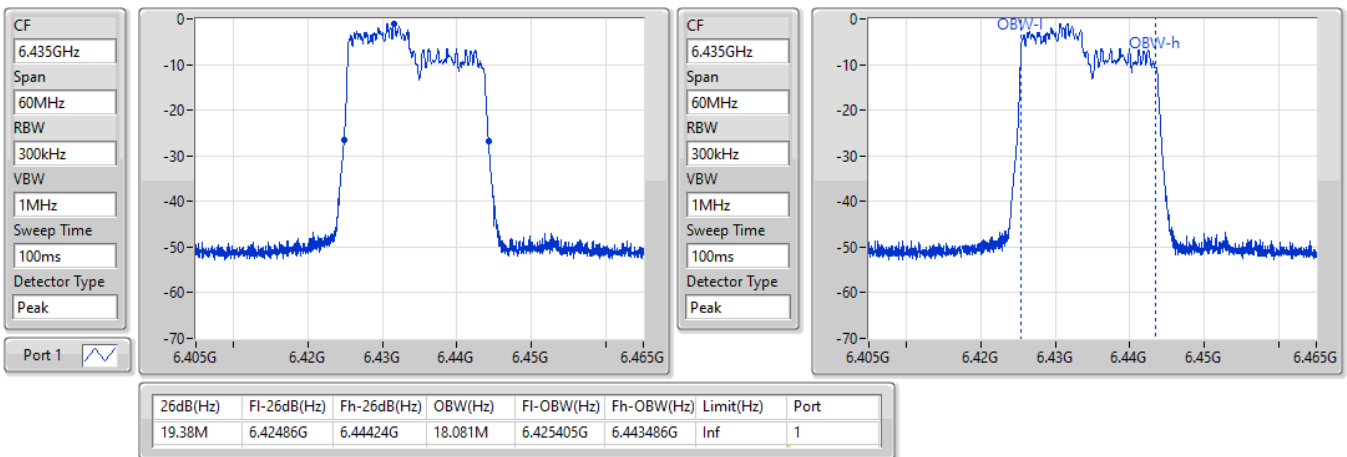


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

18/06/2022

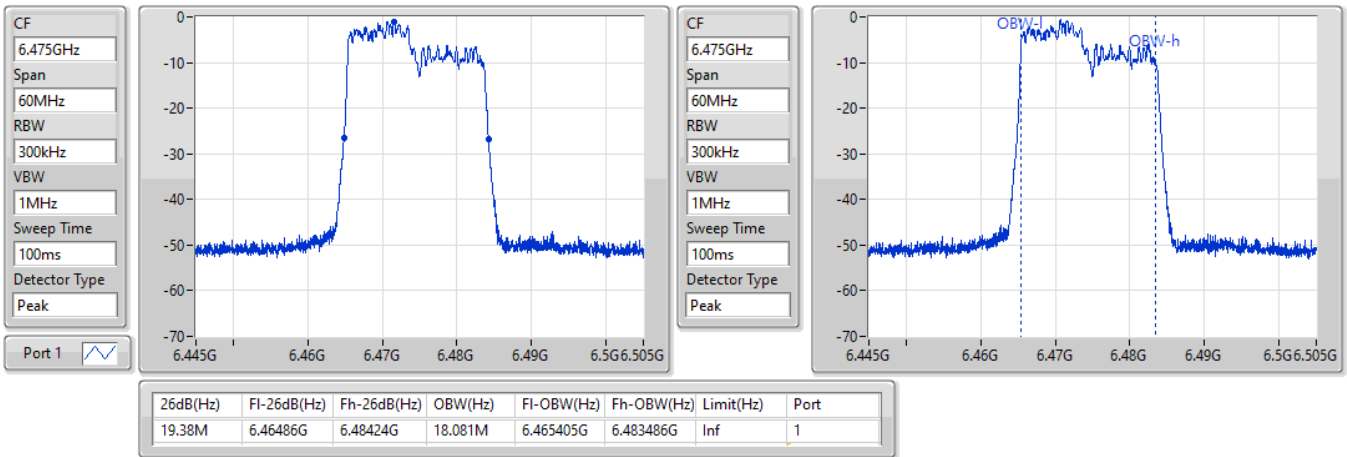


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

18/06/2022

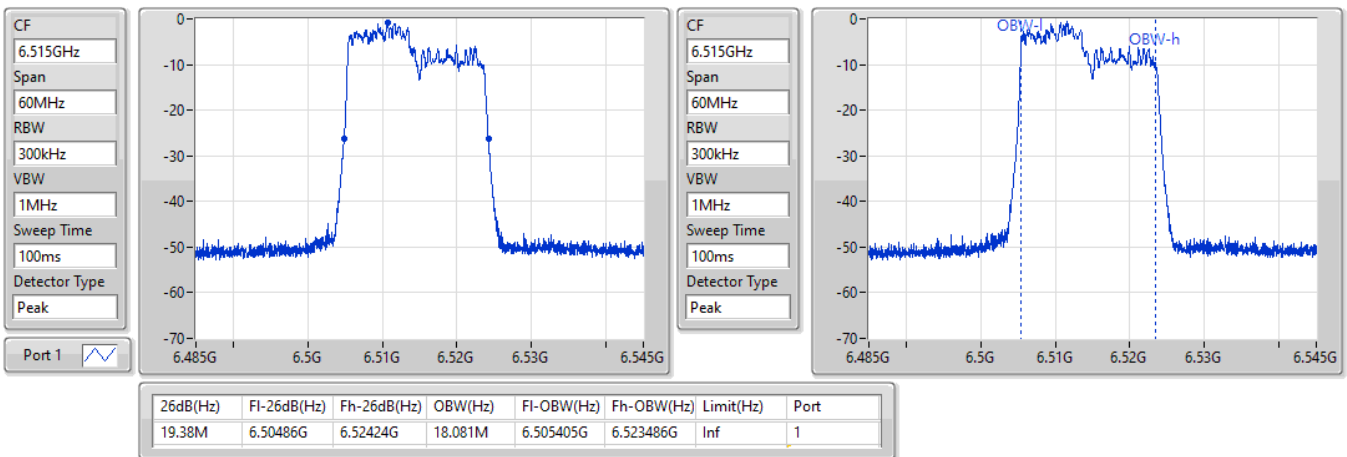


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

18/06/2022

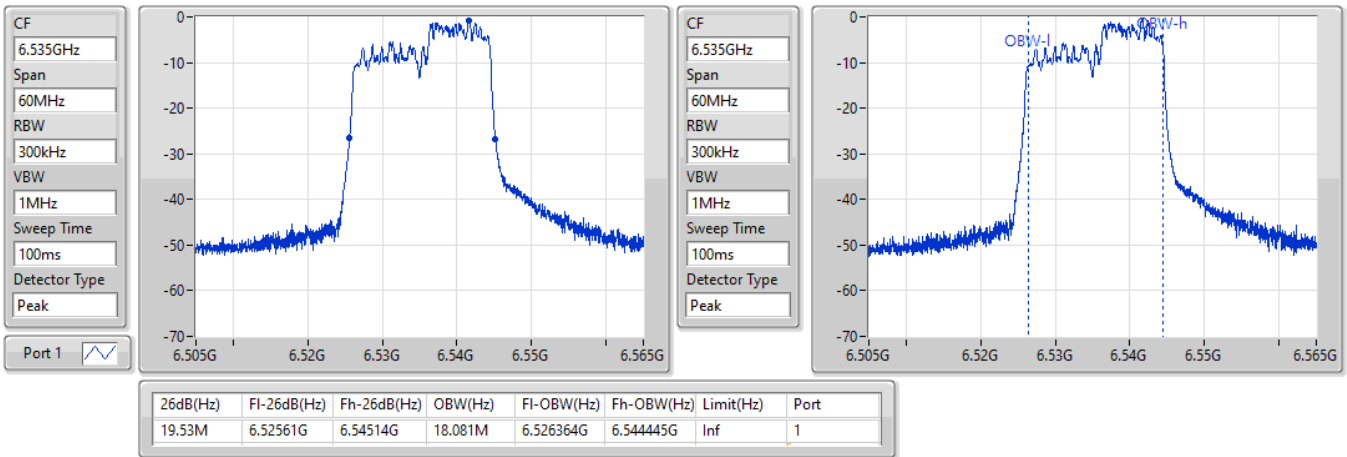


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

18/06/2022

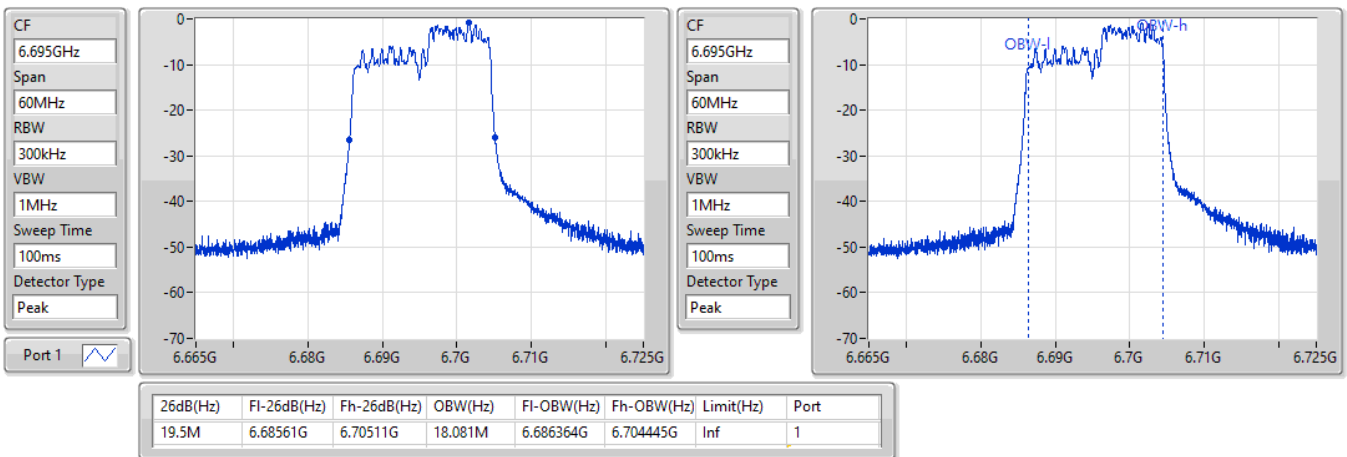


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

18/06/2022

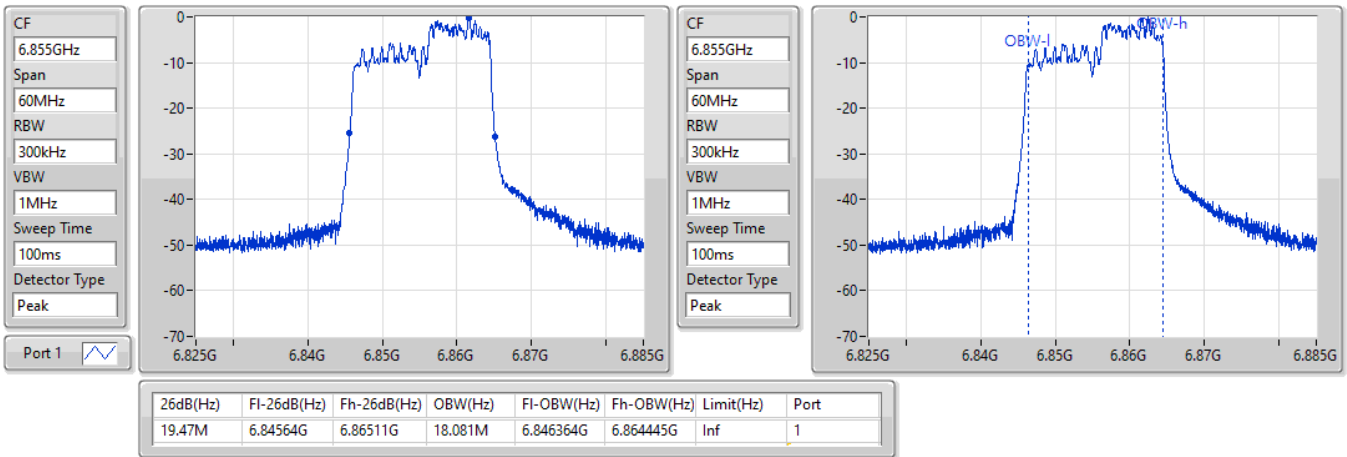


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

18/06/2022

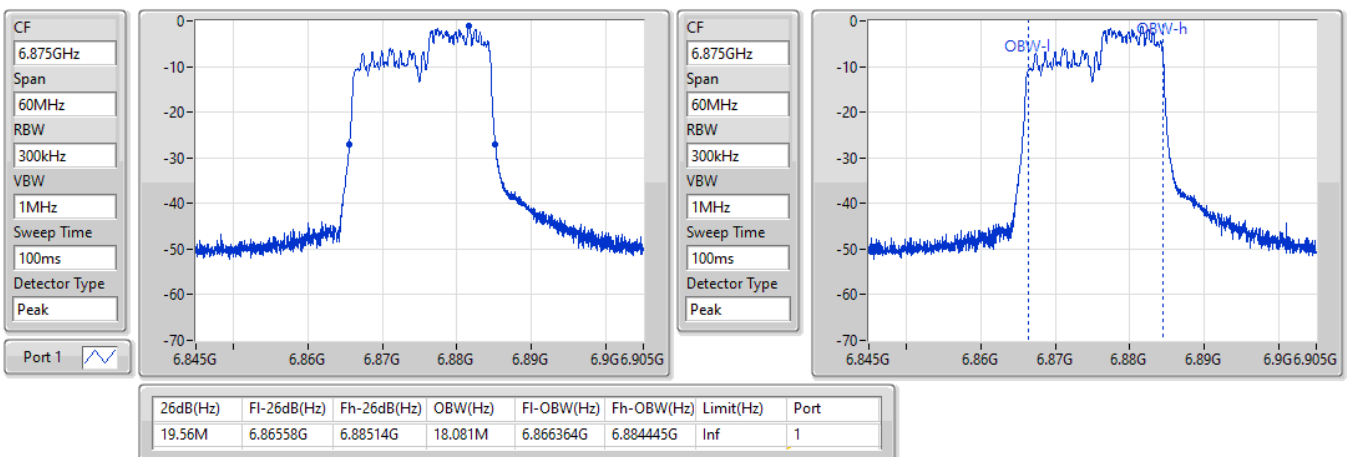


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz Straddle 6.525-6.875GHz

18/06/2022

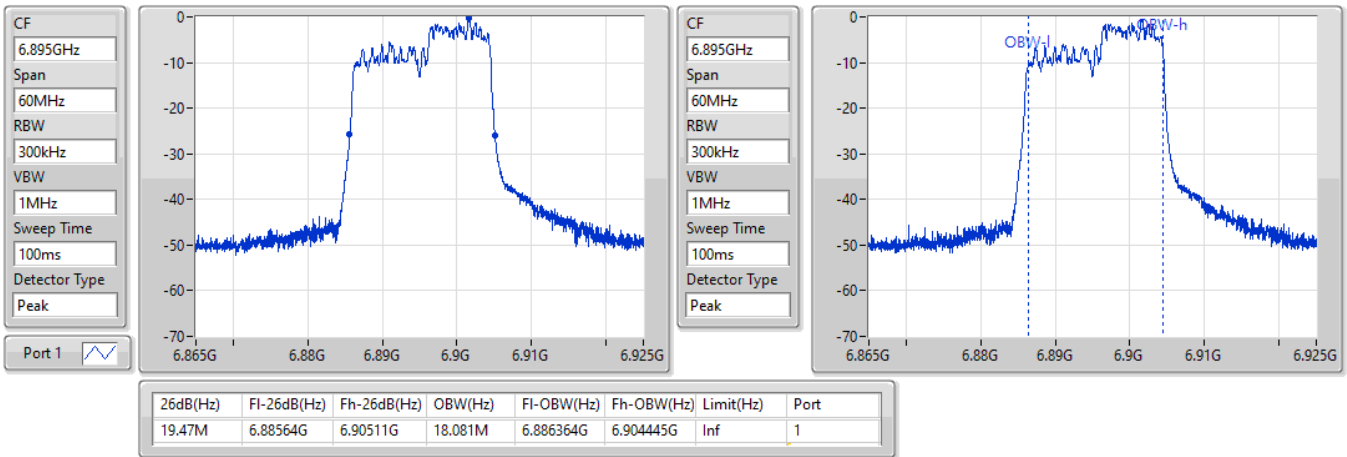


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

18/06/2022

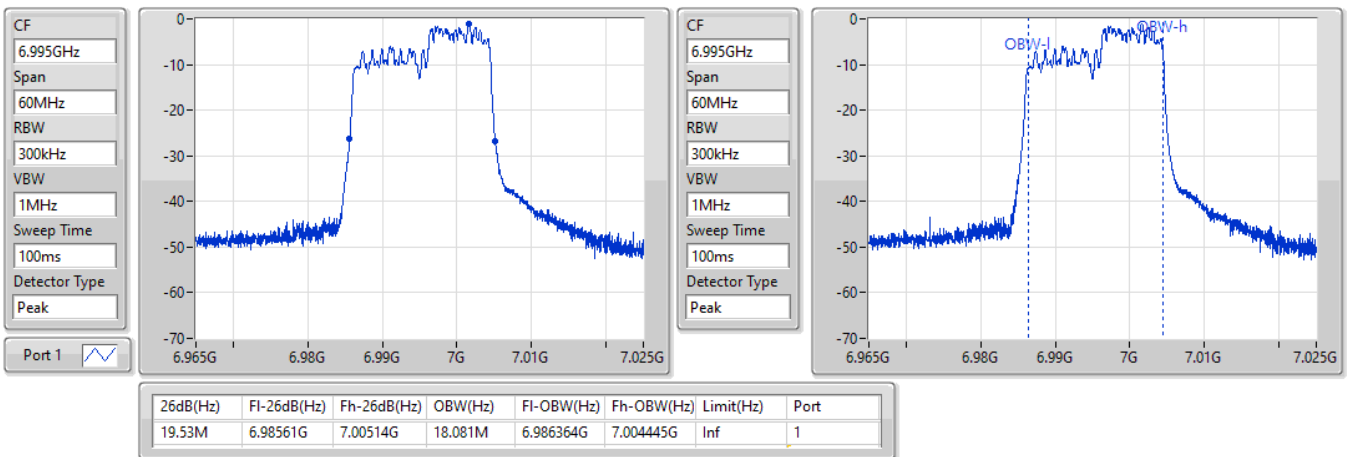


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

18/06/2022

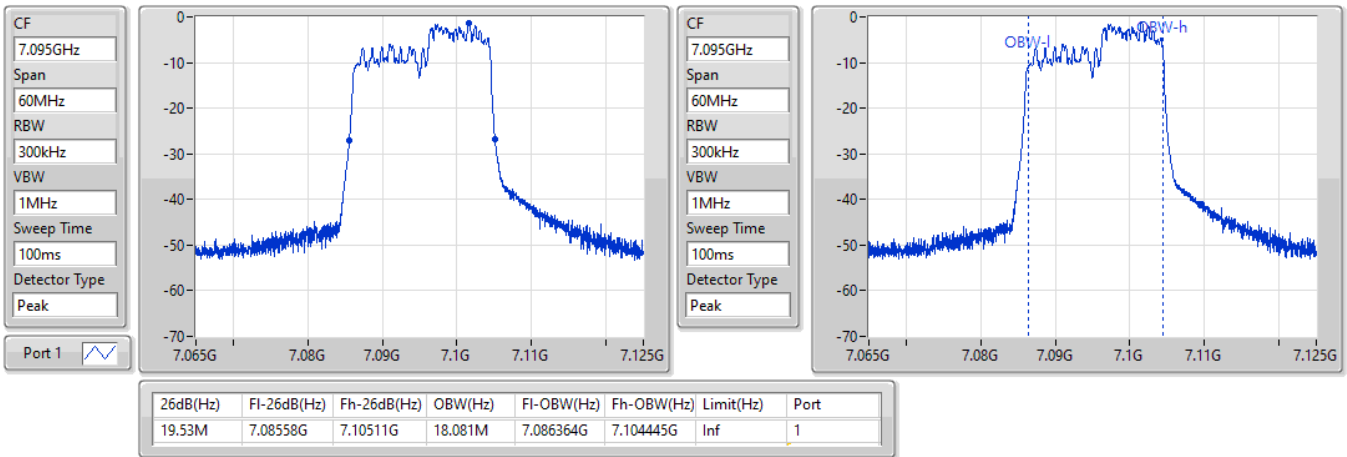


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

18/06/2022

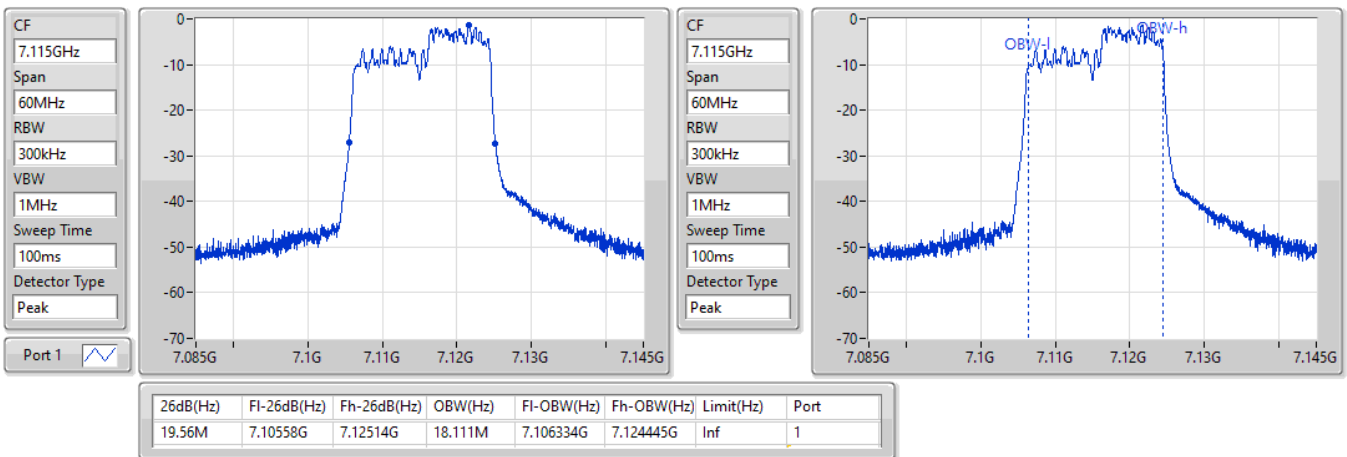


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

18/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.29M	17.331M	17M3D1D	19.02M	16.942M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.2M	17.661M	17M7D1D	18.9M	16.882M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.38M	17.481M	17M5D1D	18.87M	16.942M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.38M	17.481M	17M5D1D	18.9M	17.091M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	19.26M	17.331M	19.17M	17.061M
6195MHz	Pass	Inf	19.17M	17.151M	19.02M	16.942M
6415MHz	Pass	Inf	19.29M	17.241M	19.08M	17.271M
6435MHz	Pass	Inf	18.9M	17.271M	19.14M	17.301M
6475MHz	Pass	Inf	19.2M	17.661M	19.08M	17.241M
6515MHz	Pass	Inf	19.2M	17.031M	19.05M	16.882M
6535MHz	Pass	Inf	19.29M	17.151M	19.08M	17.271M
6695MHz	Pass	Inf	19.05M	17.481M	19.11M	16.942M
6855MHz	Pass	Inf	19.38M	17.361M	19.2M	17.211M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.11M	17.331M	18.87M	17.361M
6895MHz	Pass	Inf	19.32M	17.391M	19.11M	17.091M
6995MHz	Pass	Inf	19.29M	17.361M	19.29M	17.481M
7095MHz	Pass	Inf	19.38M	17.361M	19.29M	17.391M
7115MHz	Pass	Inf	18.9M	17.421M	18.99M	17.391M

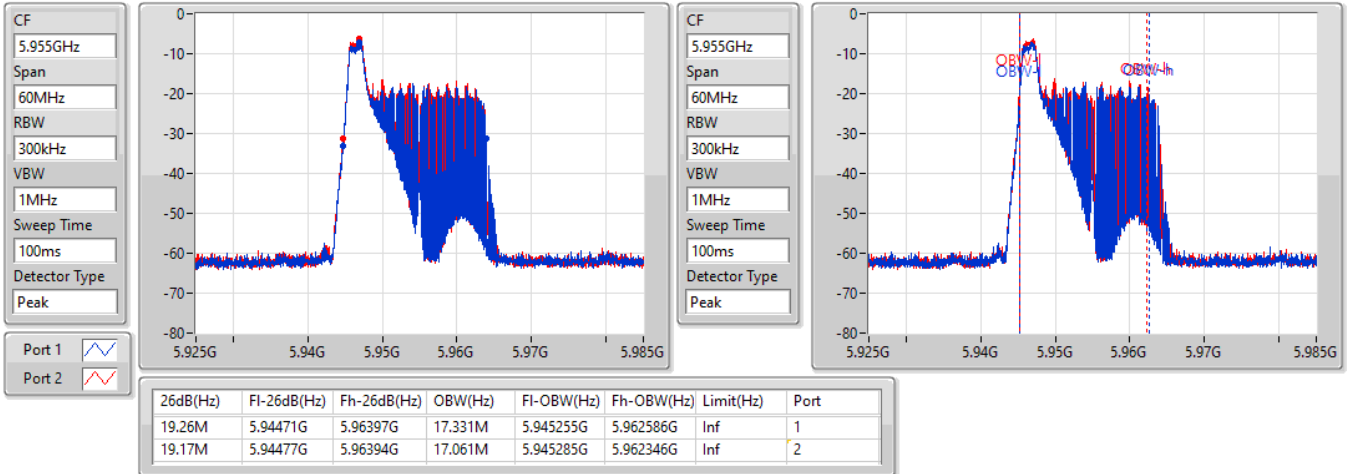
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

21/06/2022

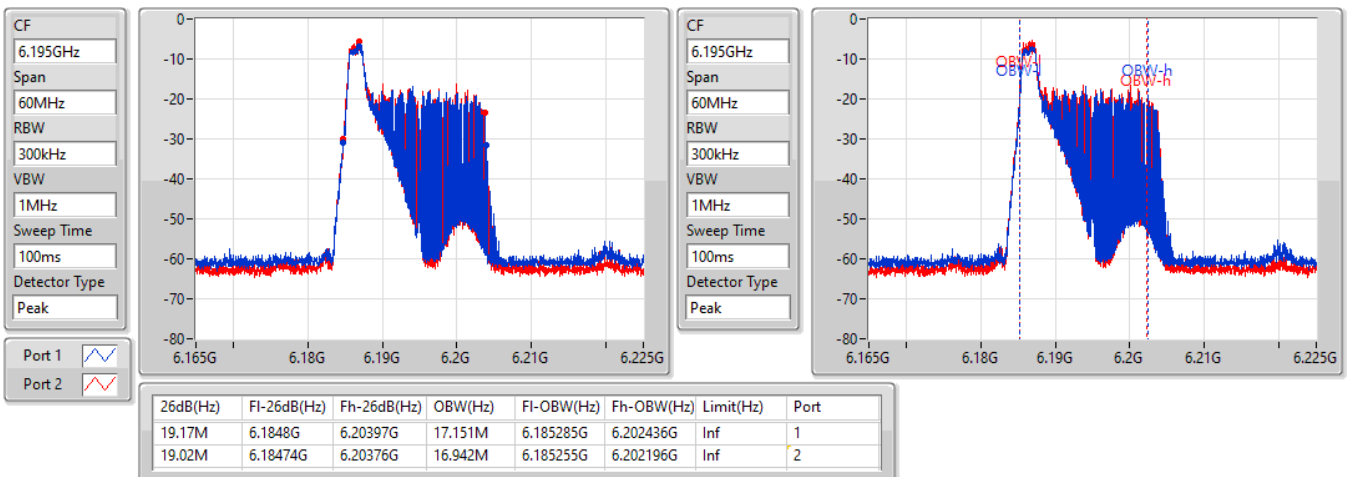


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

21/06/2022

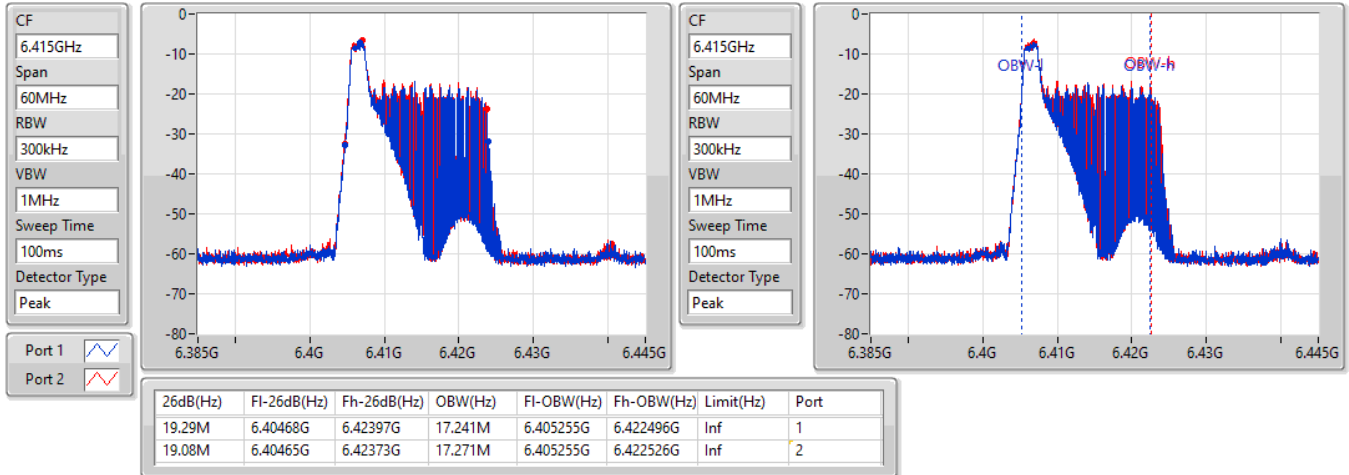


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

21/06/2022

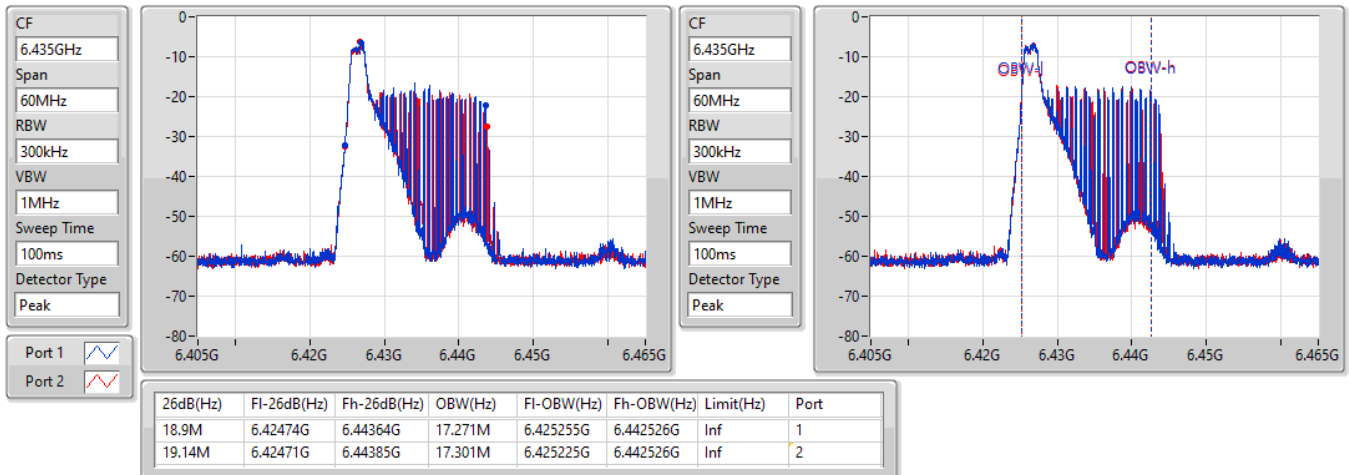


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

21/06/2022

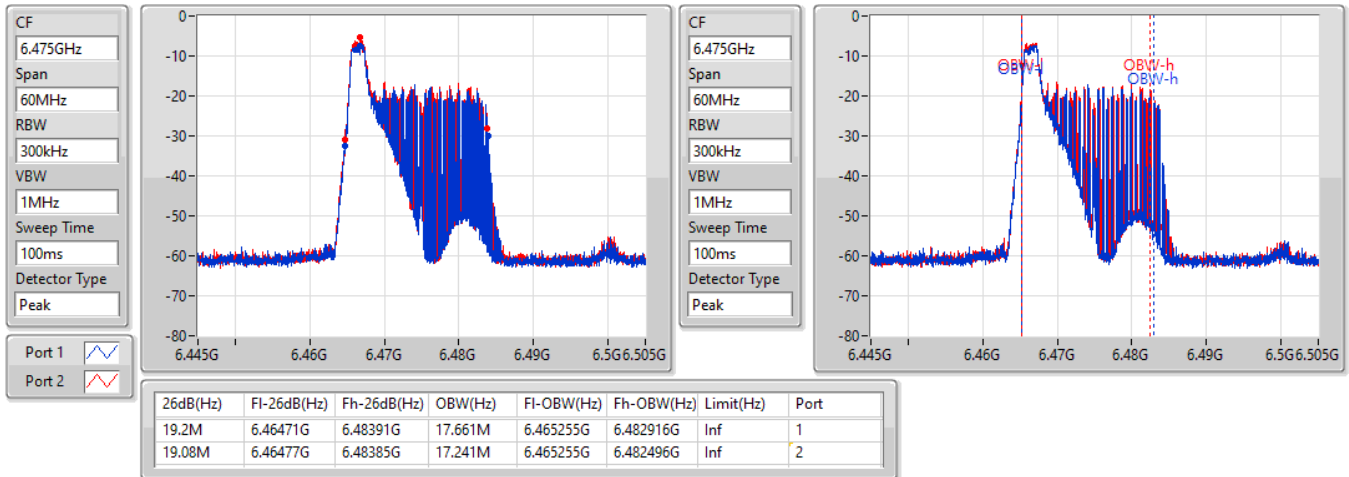


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

21/06/2022

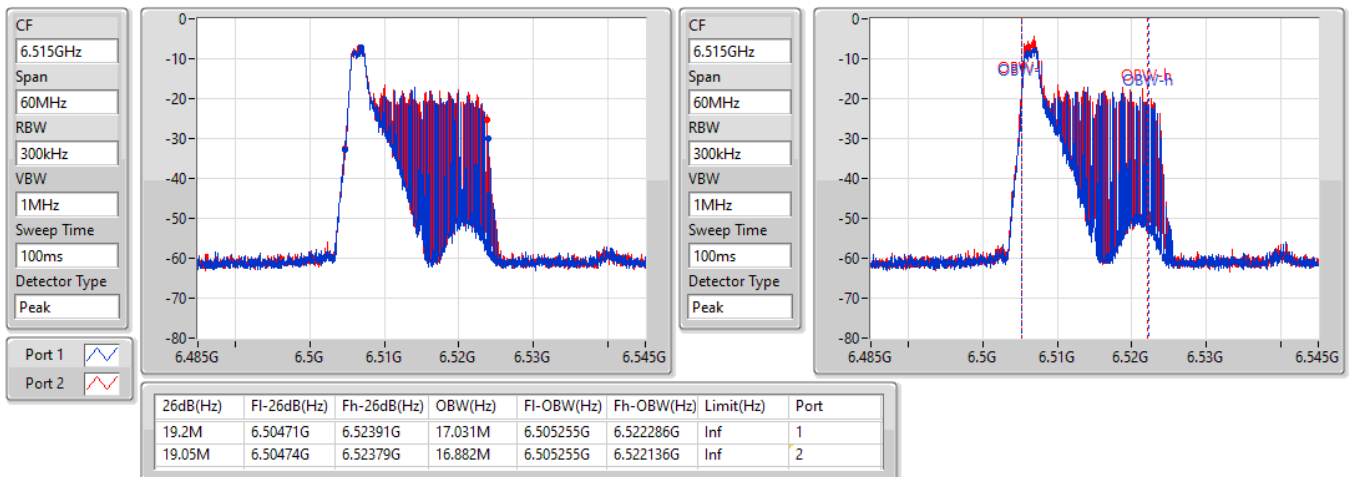


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

21/06/2022

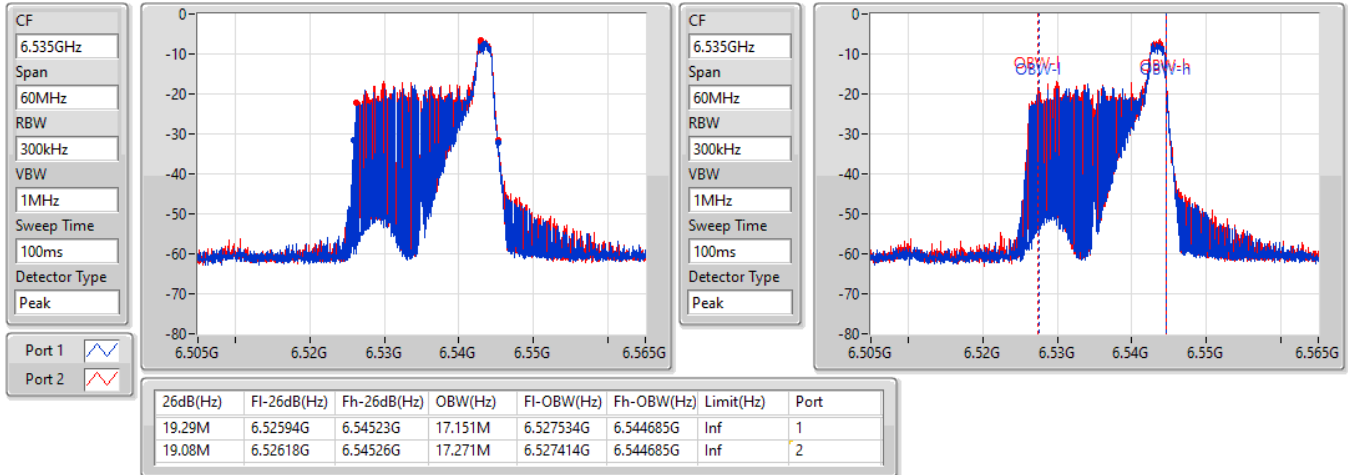


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

21/06/2022

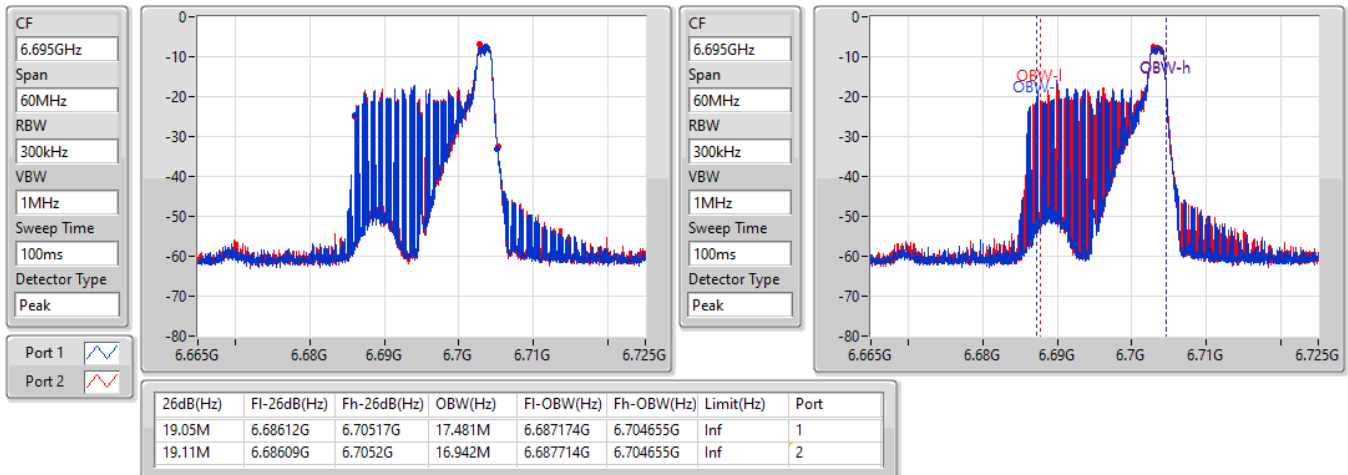


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

21/06/2022

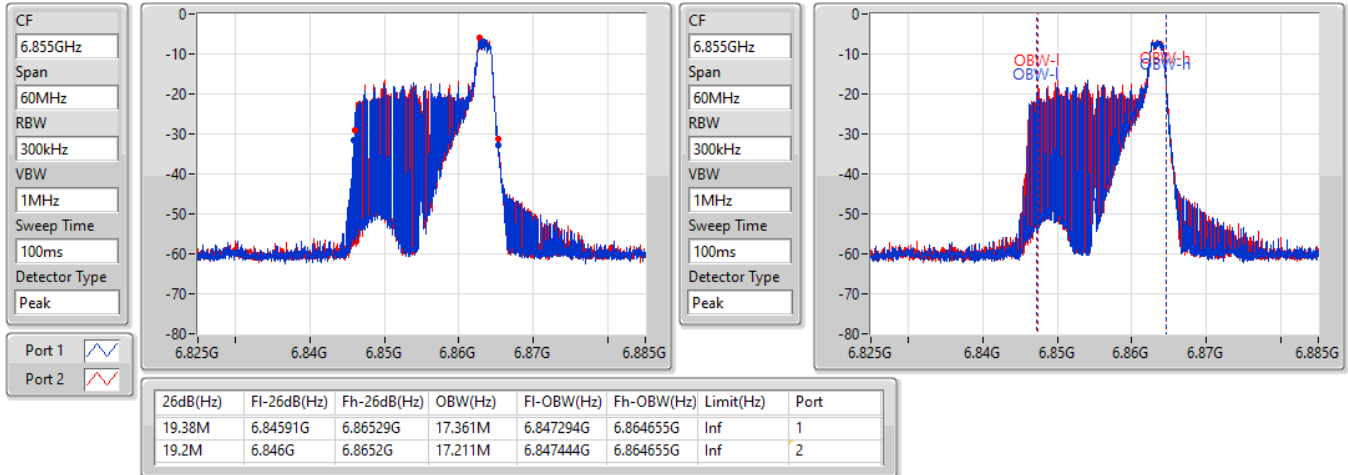


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

21/06/2022

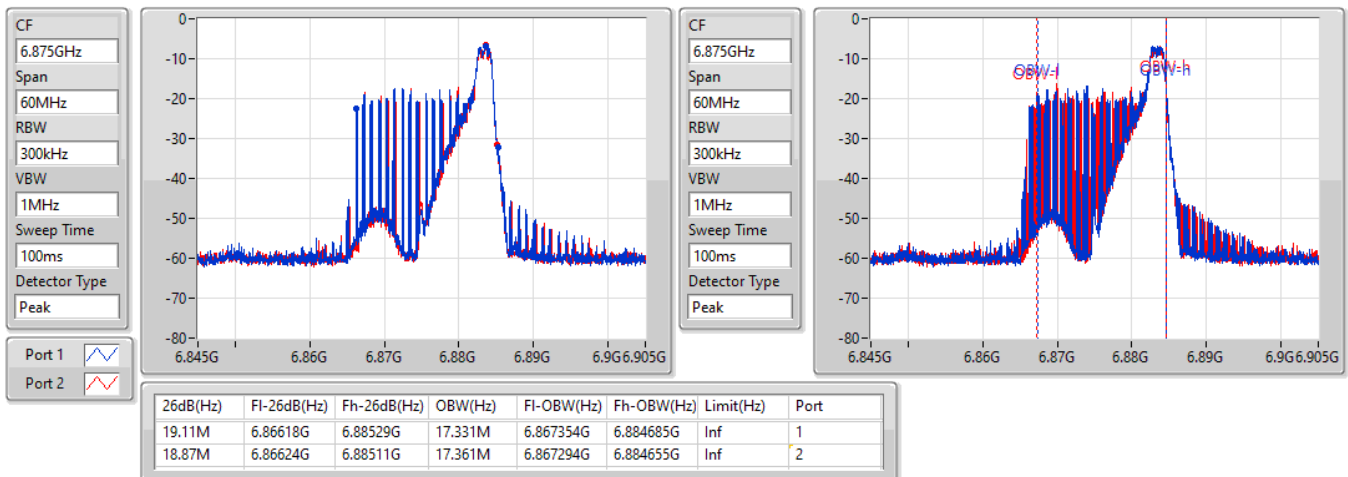


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

21/06/2022

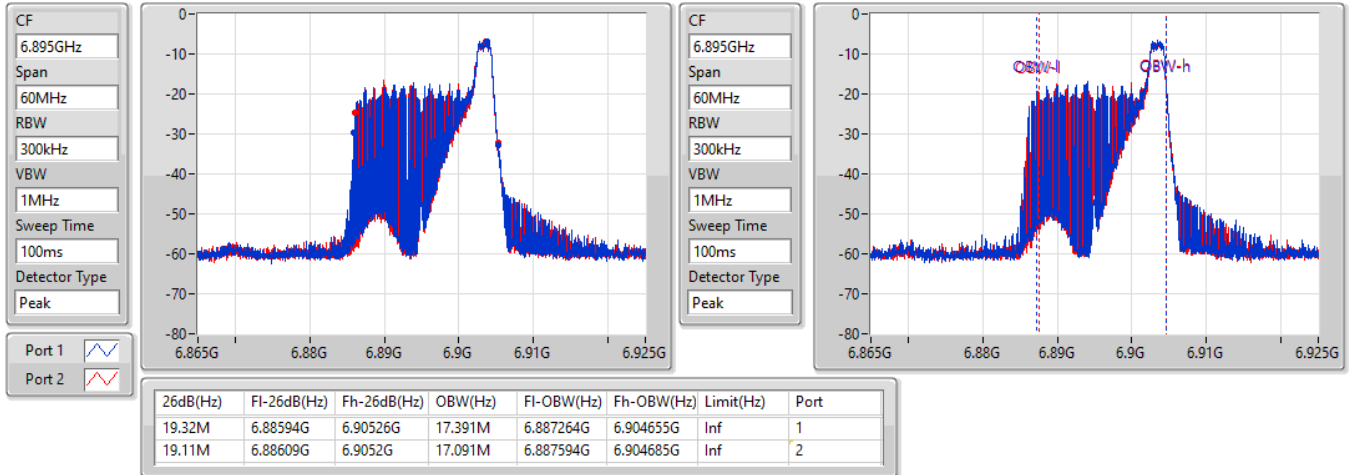


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

21/06/2022

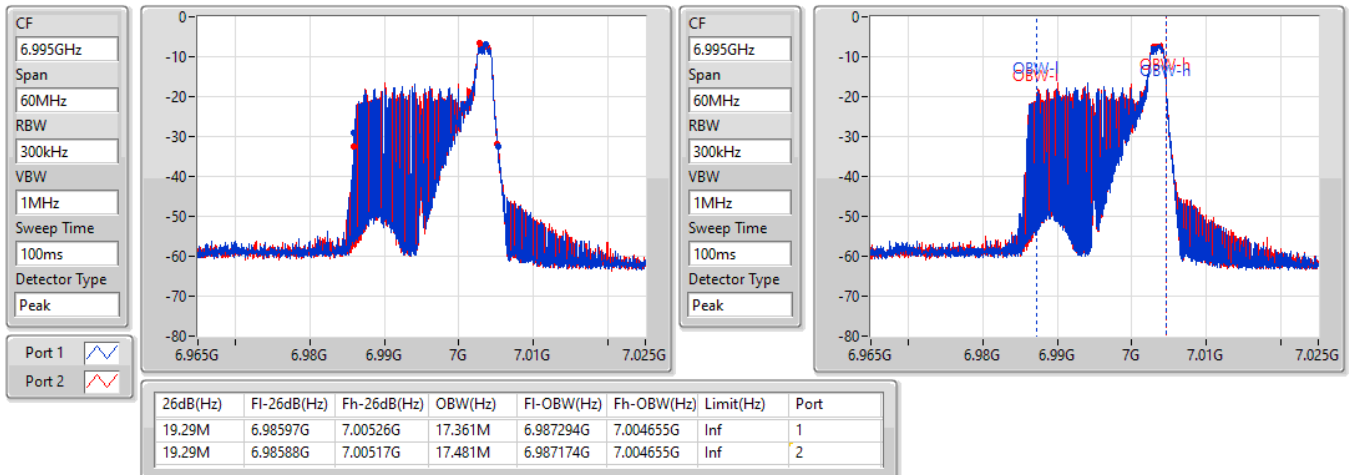


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6995MHz

21/06/2022

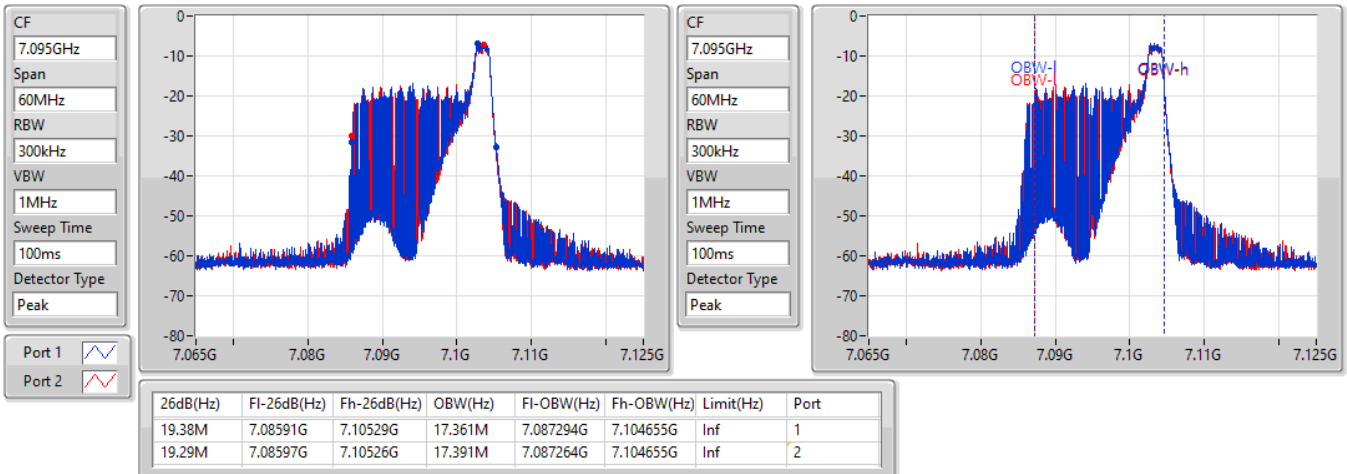


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

21/06/2022

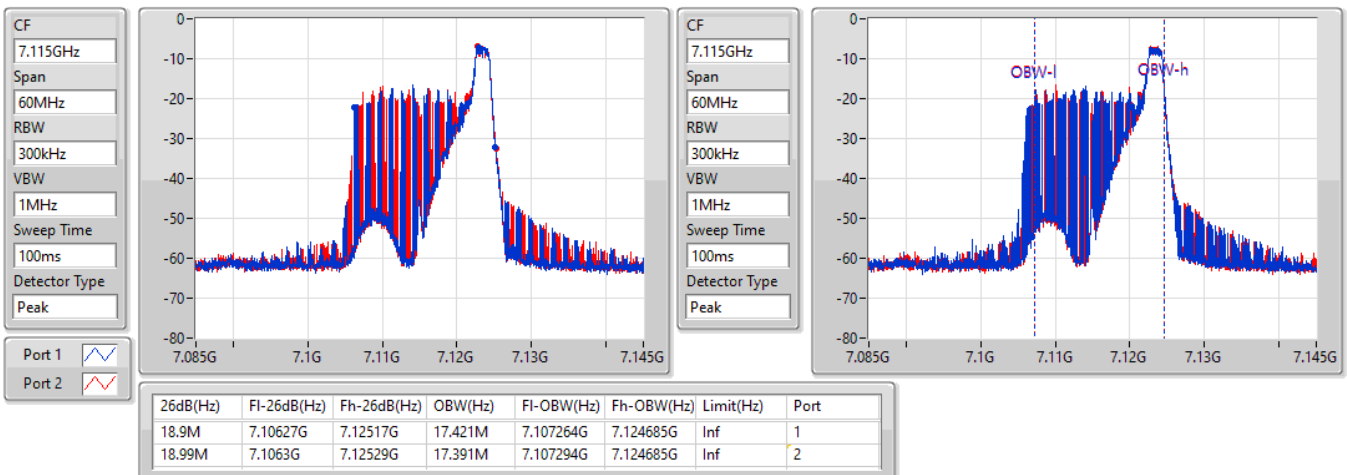


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7115MHz

21/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.29M	18.081M	18M1D1D	19.23M	18.021M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.29M	18.081M	18M1D1D	19.23M	18.021M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.44M	18.111M	18M1D1D	19.32M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.47M	18.141M	18M1D1D	19.32M	18.081M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	19.26M	18.081M	19.23M	18.051M
6195MHz	Pass	Inf	19.26M	18.051M	19.23M	18.021M
6415MHz	Pass	Inf	19.29M	18.051M	19.26M	18.021M
6435MHz	Pass	Inf	19.26M	18.051M	19.23M	18.021M
6475MHz	Pass	Inf	19.29M	18.081M	19.23M	18.021M
6515MHz	Pass	Inf	19.29M	18.051M	19.26M	18.021M
6535MHz	Pass	Inf	19.41M	18.081M	19.32M	18.081M
6695MHz	Pass	Inf	19.44M	18.111M	19.32M	18.081M
6855MHz	Pass	Inf	19.41M	18.081M	19.32M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.44M	18.111M	19.32M	18.111M
6875MHz Straddle 6.875-7.125GHz						
6895MHz	Pass	Inf	19.44M	18.111M	19.35M	18.081M
6995MHz	Pass	Inf	19.47M	18.141M	19.35M	18.111M
7095MHz	Pass	Inf	19.44M	18.111M	19.32M	18.081M
7115MHz	Pass	Inf	19.47M	18.141M	19.32M	18.111M

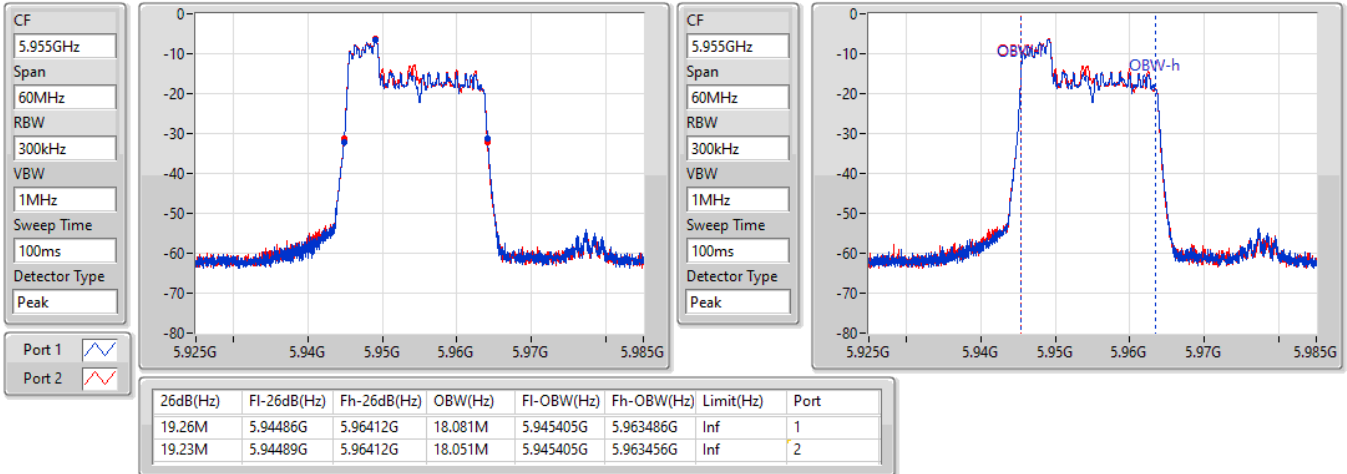
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

21/06/2022

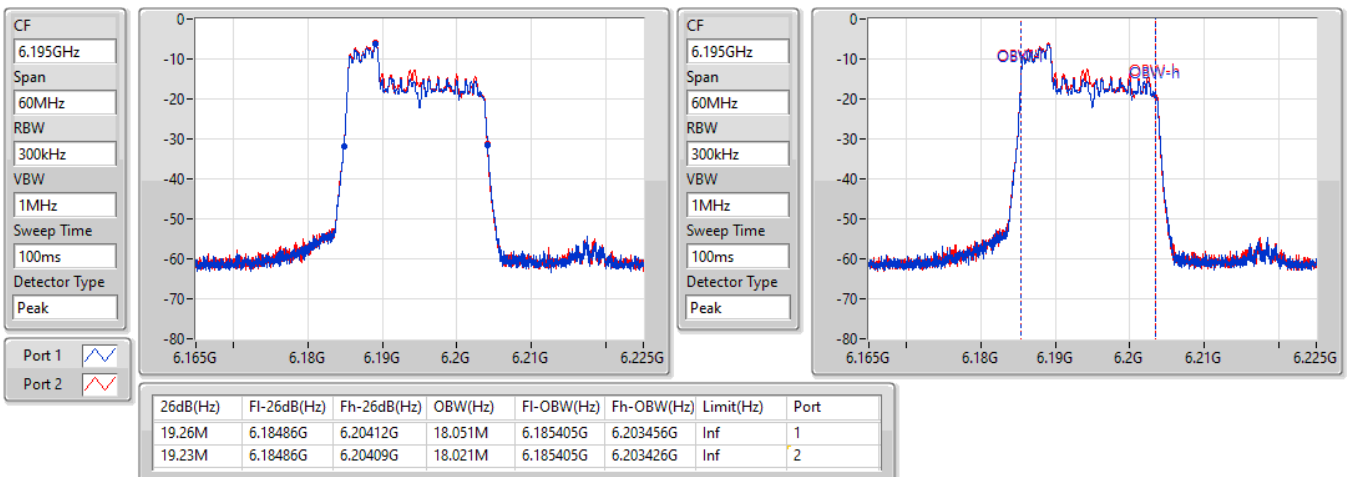


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

21/06/2022

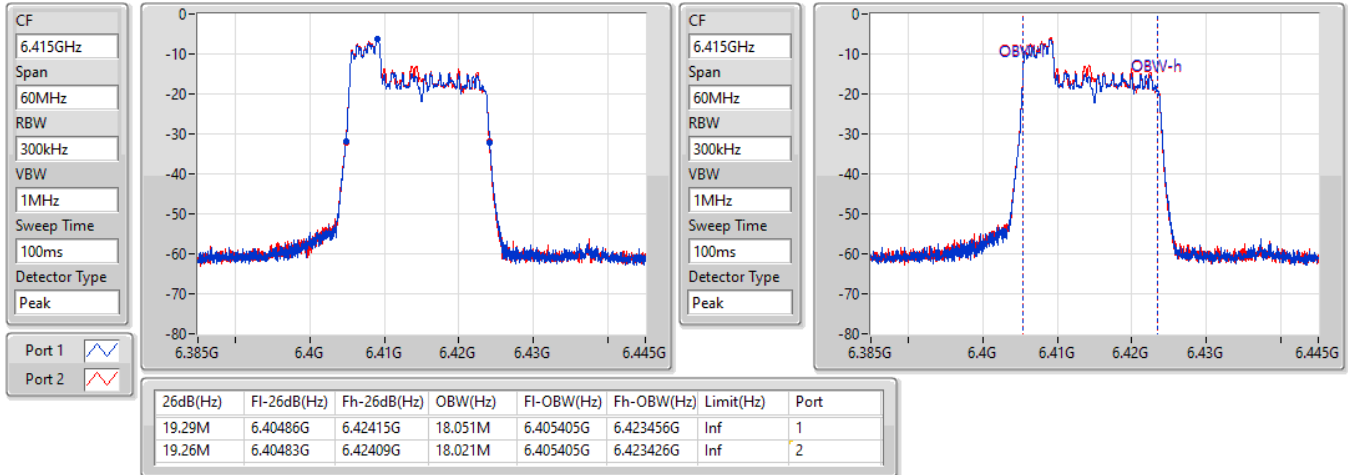


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

21/06/2022

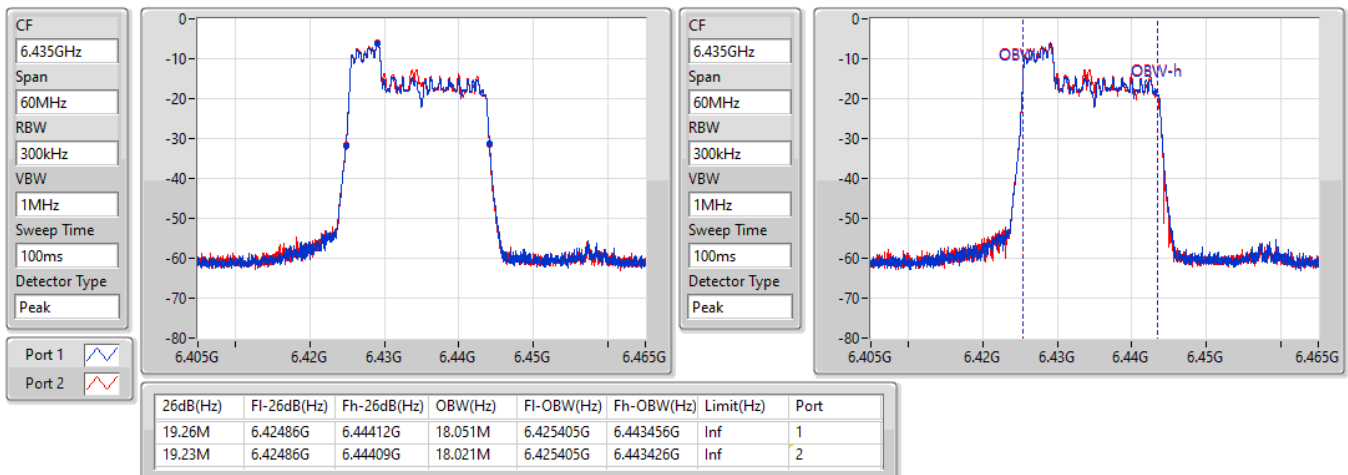


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

21/06/2022

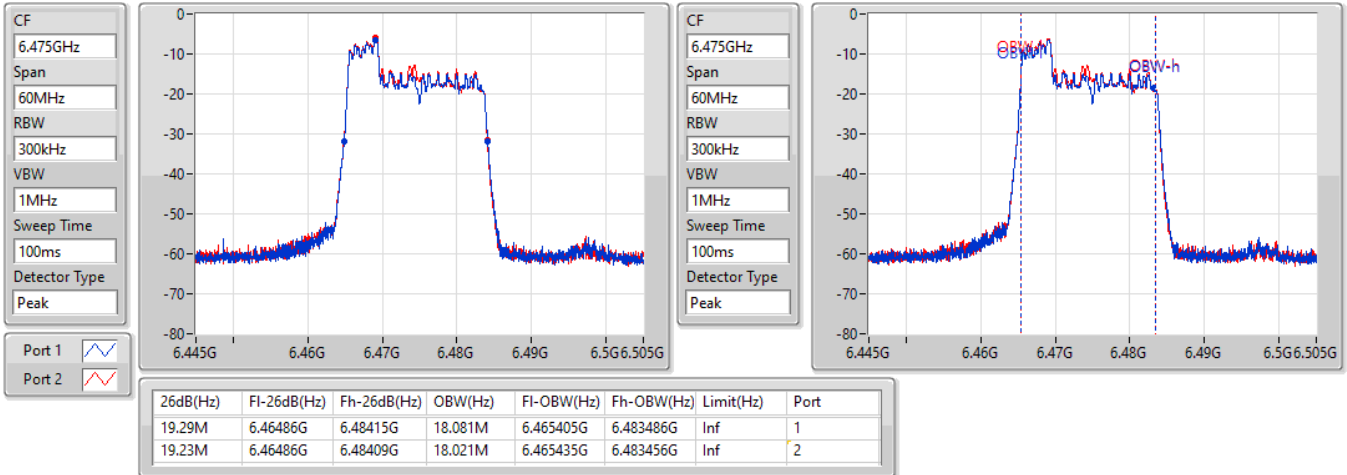


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

21/06/2022

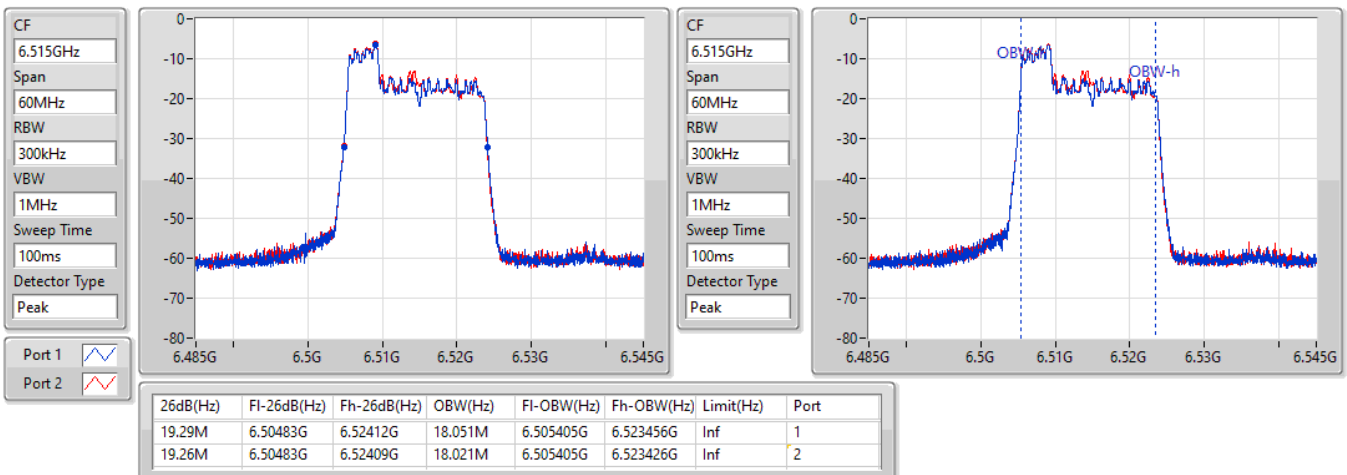


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

21/06/2022

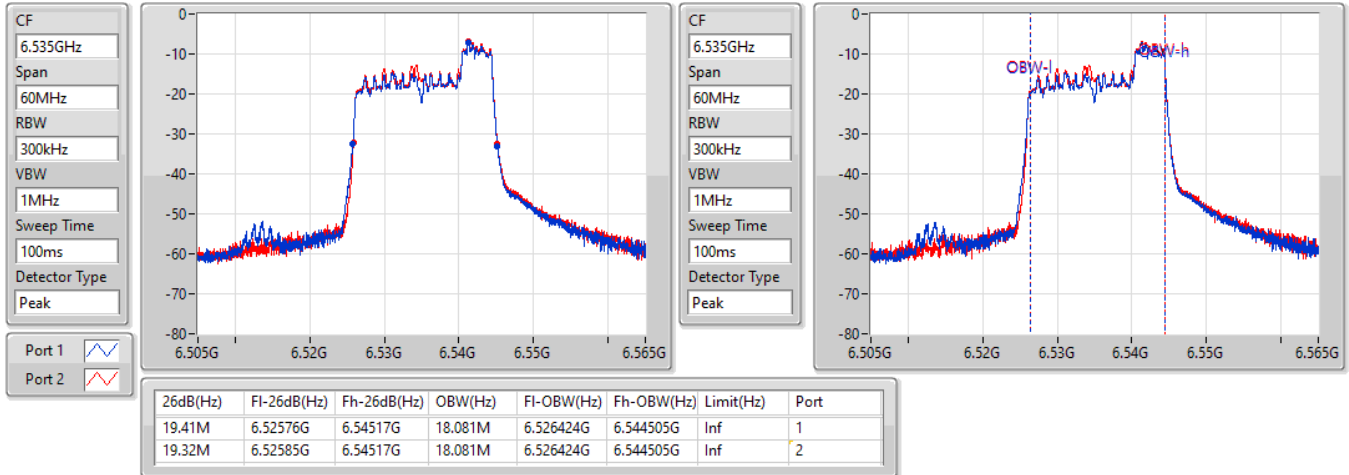


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

21/06/2022

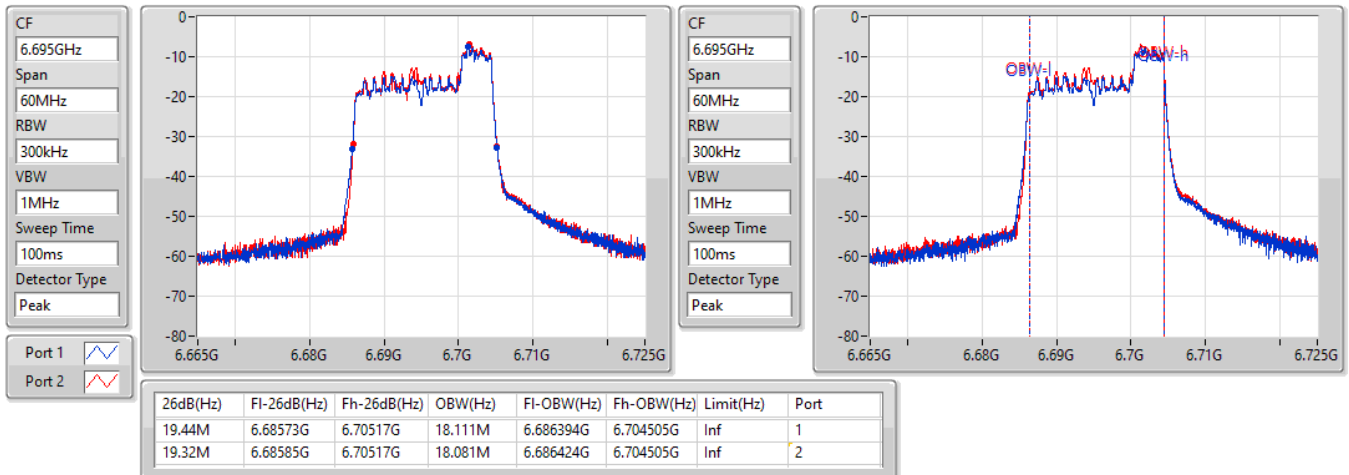


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

21/06/2022

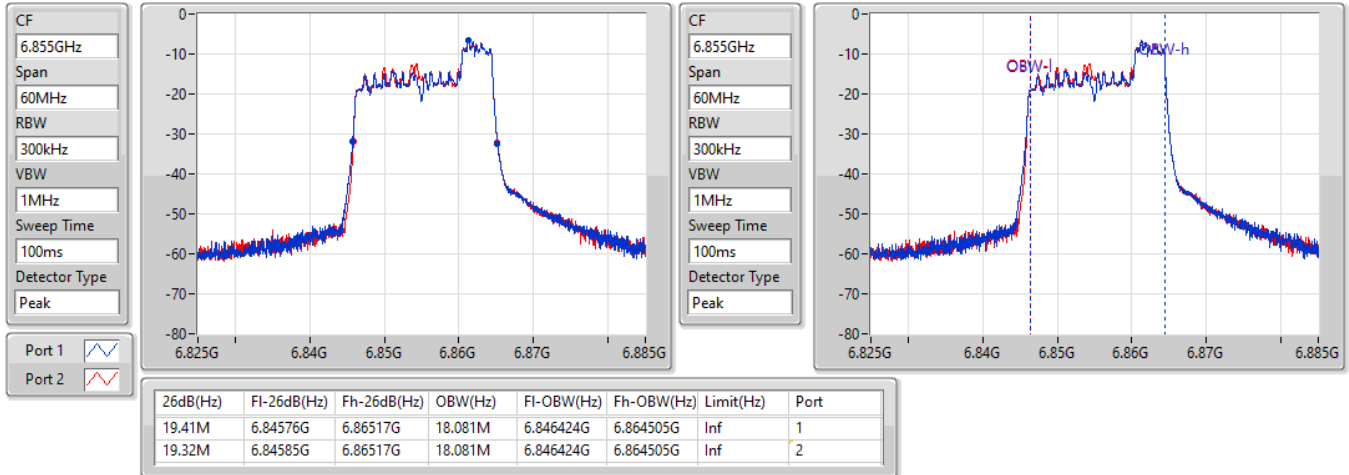


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

21/06/2022

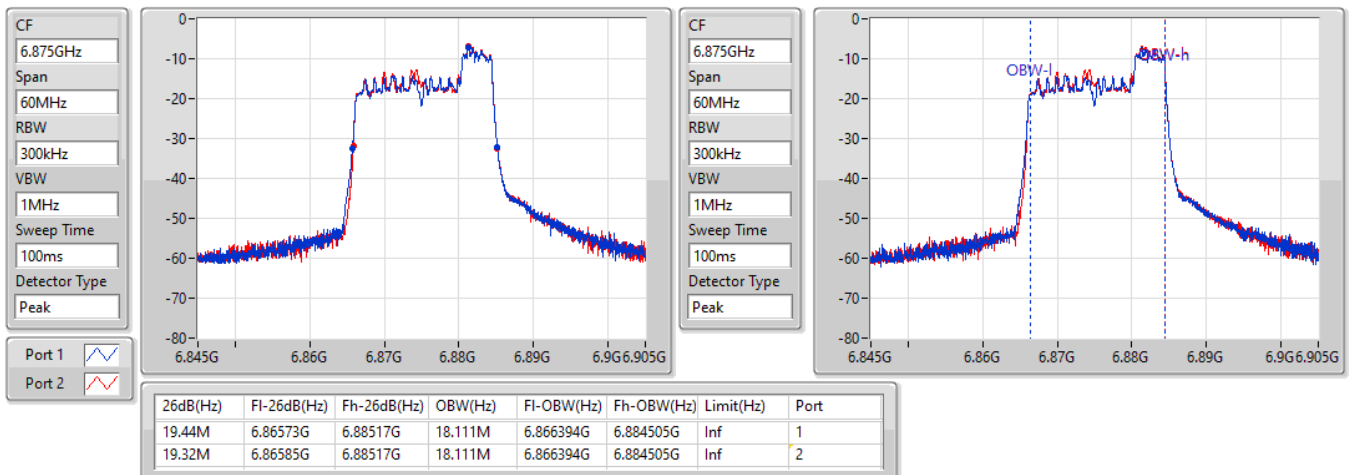


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

21/06/2022

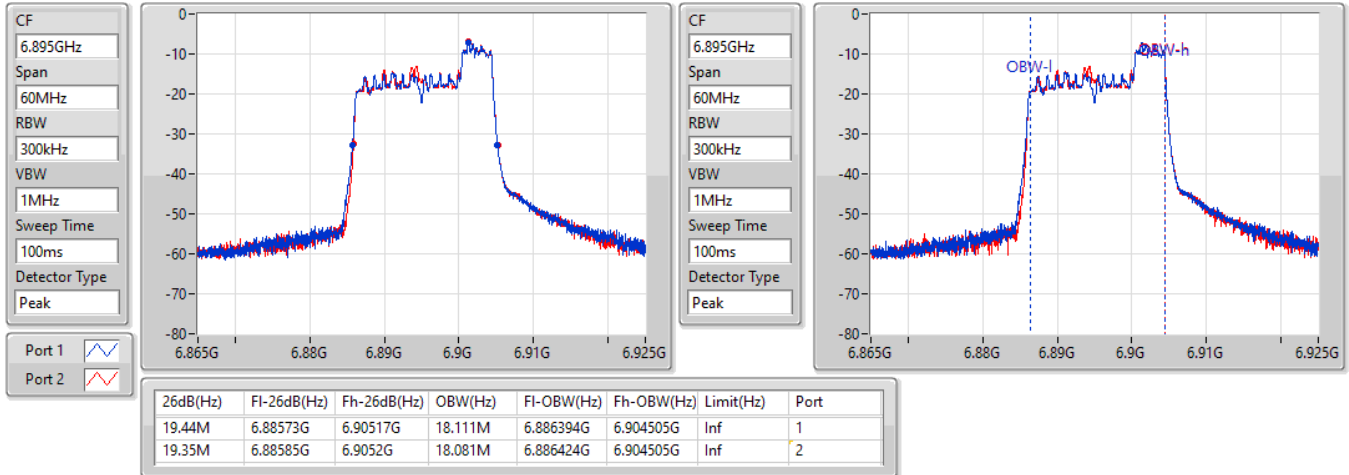


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

21/06/2022

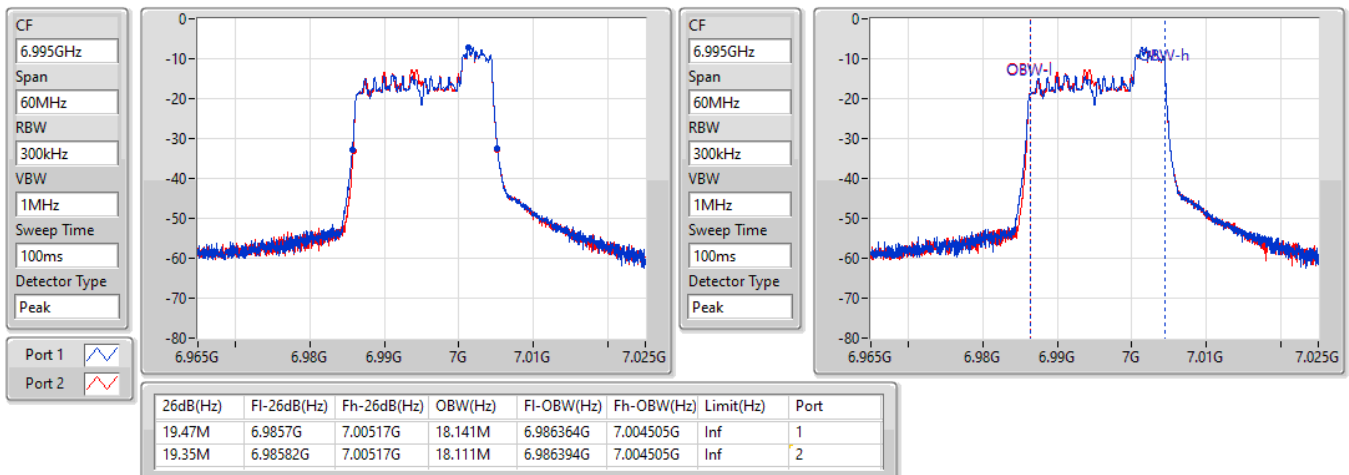


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6995MHz

21/06/2022

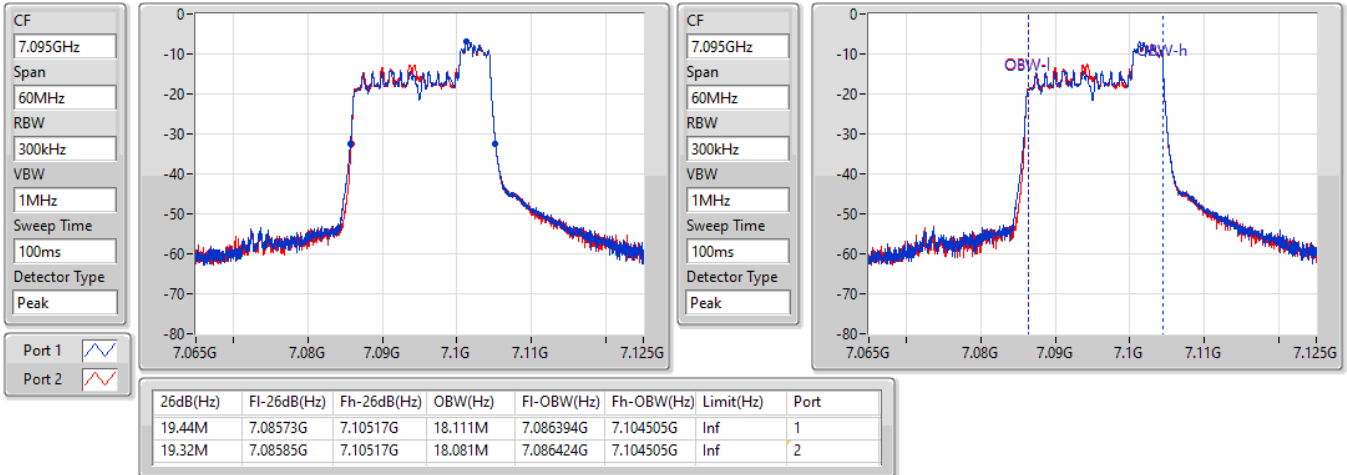


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

21/06/2022

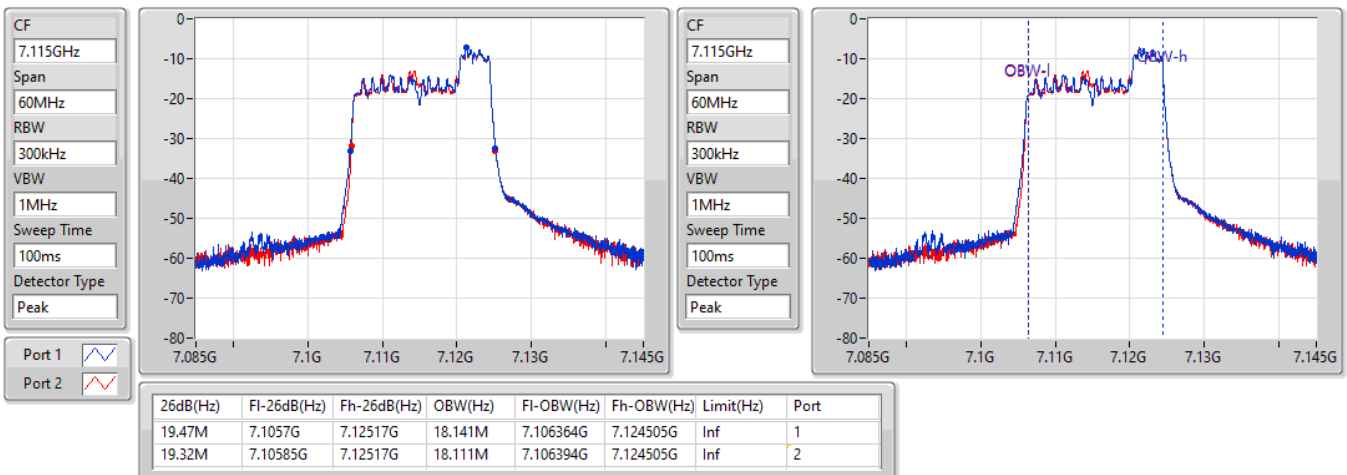


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7115MHz

21/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.38M	18.081M	18M1D1D	19.32M	18.051M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.35M	18.081M	18M1D1D	19.29M	18.051M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.56M	18.111M	18M1D1D	19.35M	18.051M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.56M	18.111M	18M1D1D	19.38M	18.051M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	19.35M	18.081M	19.32M	18.051M
6195MHz	Pass	Inf	19.38M	18.051M	19.35M	18.051M
6415MHz	Pass	Inf	19.38M	18.081M	19.32M	18.051M
6435MHz	Pass	Inf	19.35M	18.081M	19.32M	18.051M
6475MHz	Pass	Inf	19.35M	18.081M	19.29M	18.051M
6515MHz	Pass	Inf	19.35M	18.051M	19.32M	18.051M
6535MHz	Pass	Inf	19.53M	18.081M	19.35M	18.051M
6695MHz	Pass	Inf	19.56M	18.081M	19.38M	18.081M
6855MHz	Pass	Inf	19.53M	18.081M	19.38M	18.051M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.53M	18.111M	19.41M	18.081M
6895MHz	Pass	Inf	19.56M	18.081M	19.38M	18.051M
6995MHz	Pass	Inf	19.53M	18.111M	19.38M	18.051M
7095MHz	Pass	Inf	19.56M	18.081M	19.41M	18.081M
7115MHz	Pass	Inf	19.56M	18.111M	19.44M	18.081M

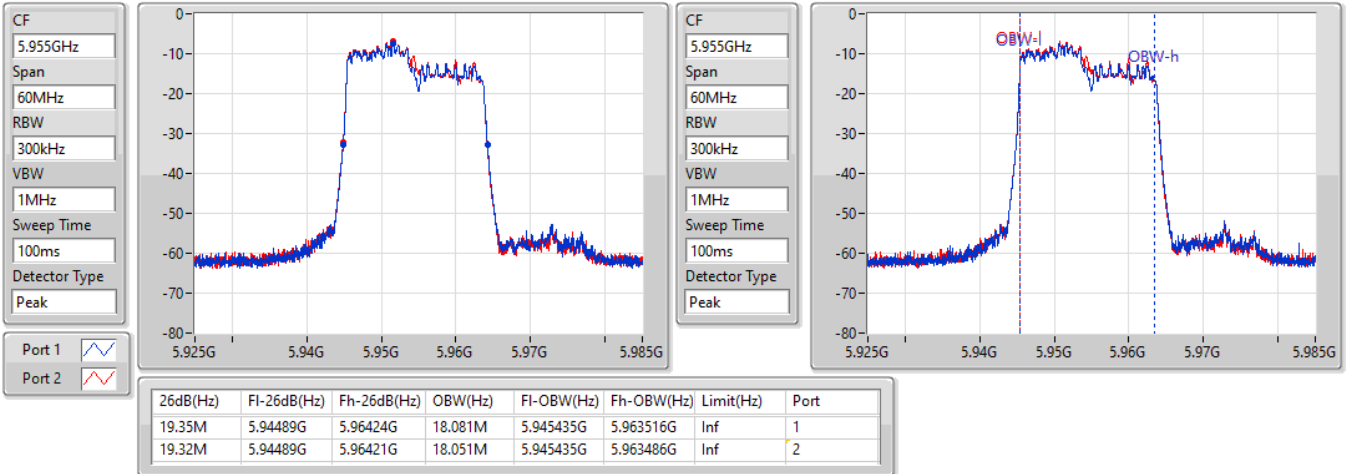
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

21/06/2022

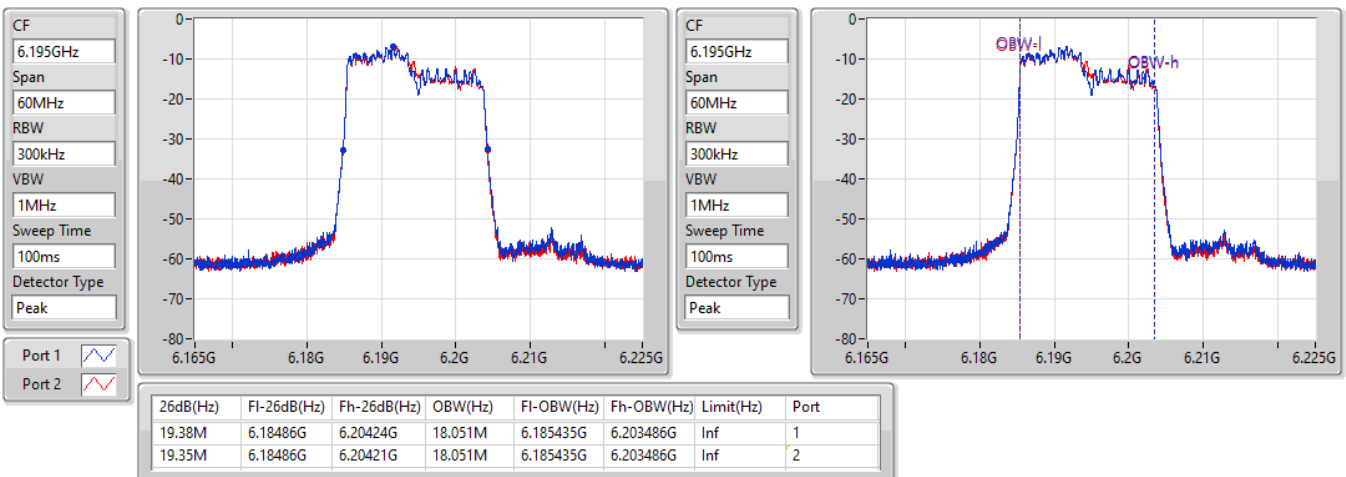


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

21/06/2022

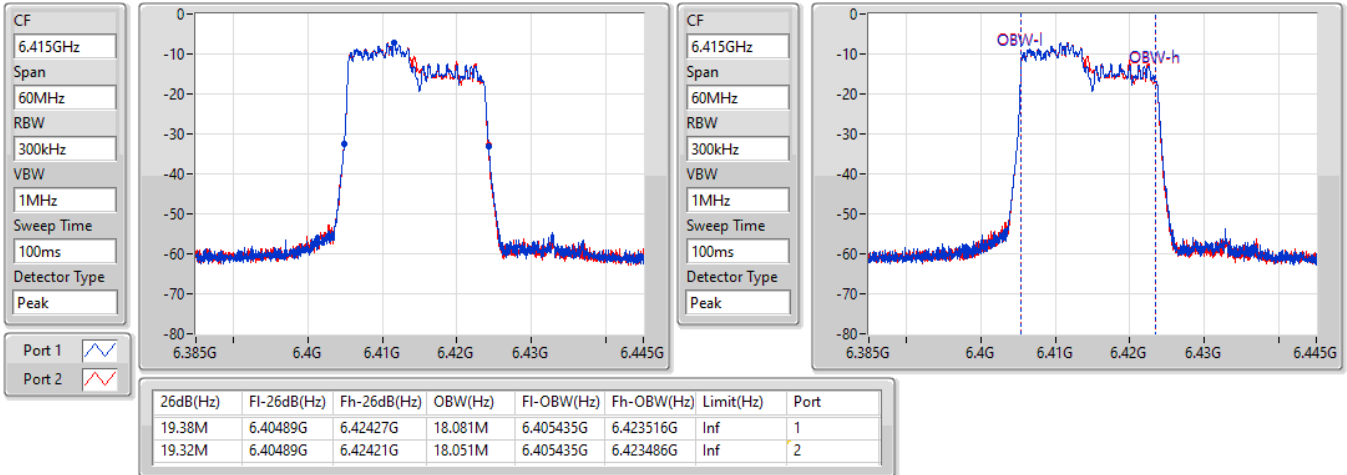


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

21/06/2022

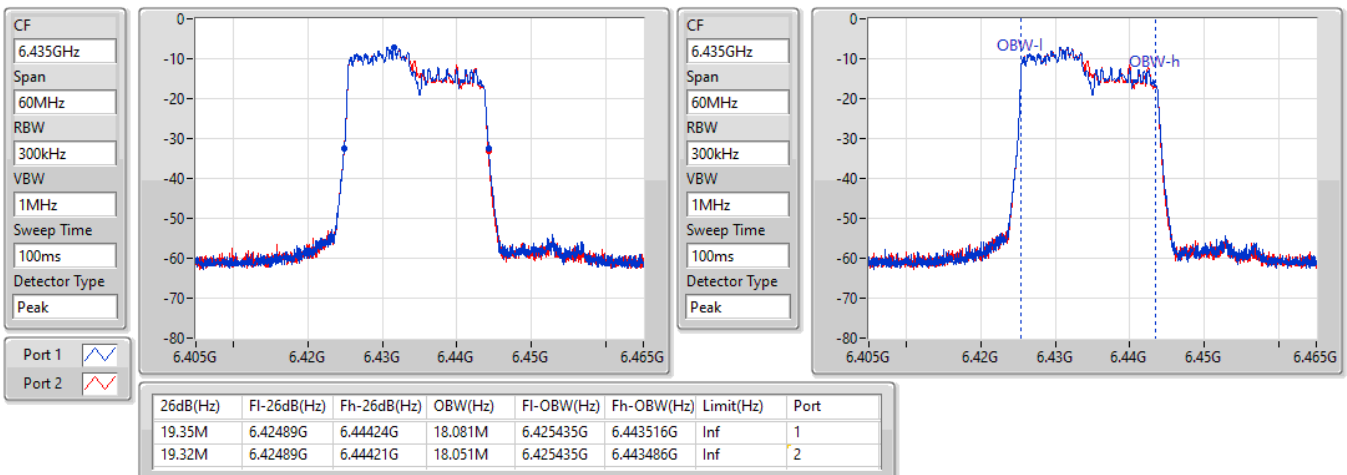


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

21/06/2022

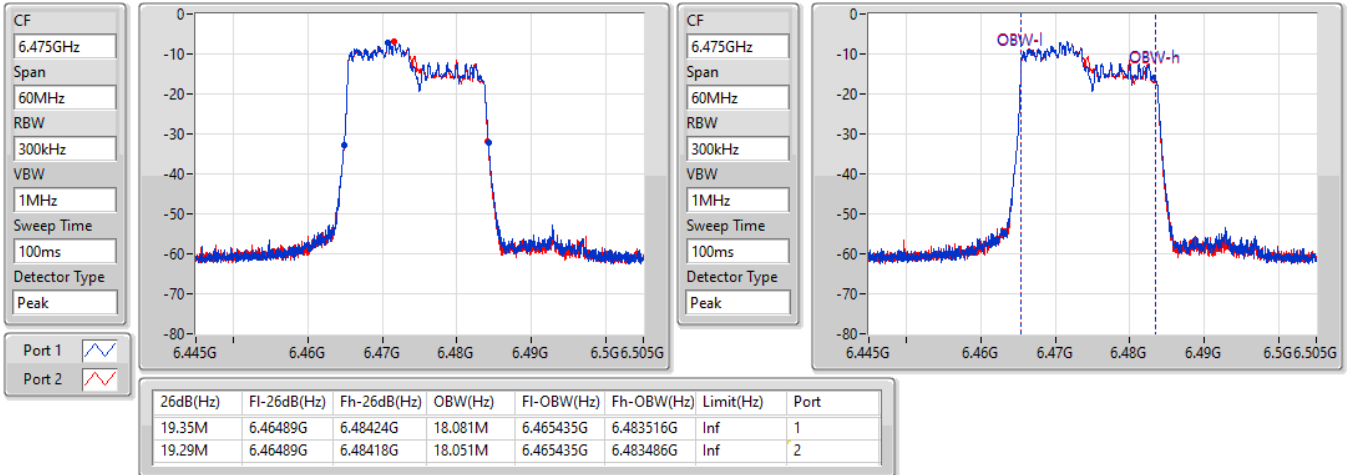


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

21/06/2022

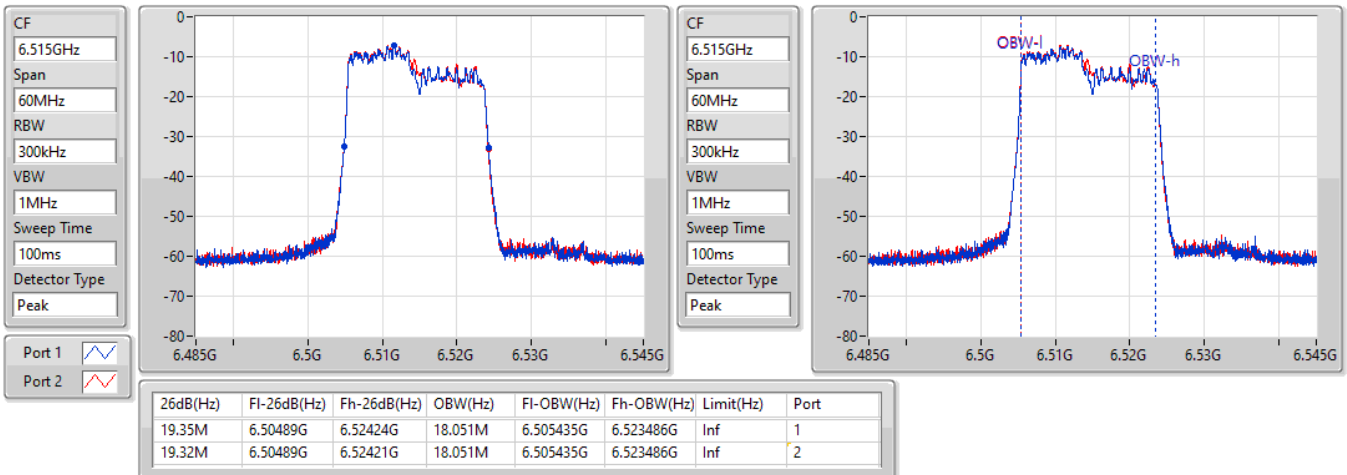


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

21/06/2022

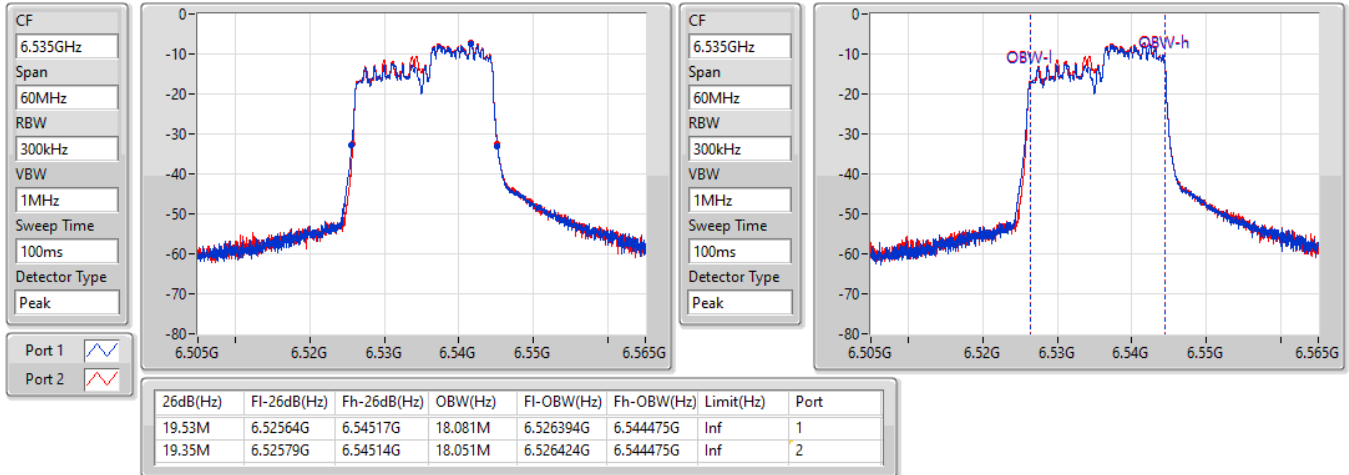


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

21/06/2022

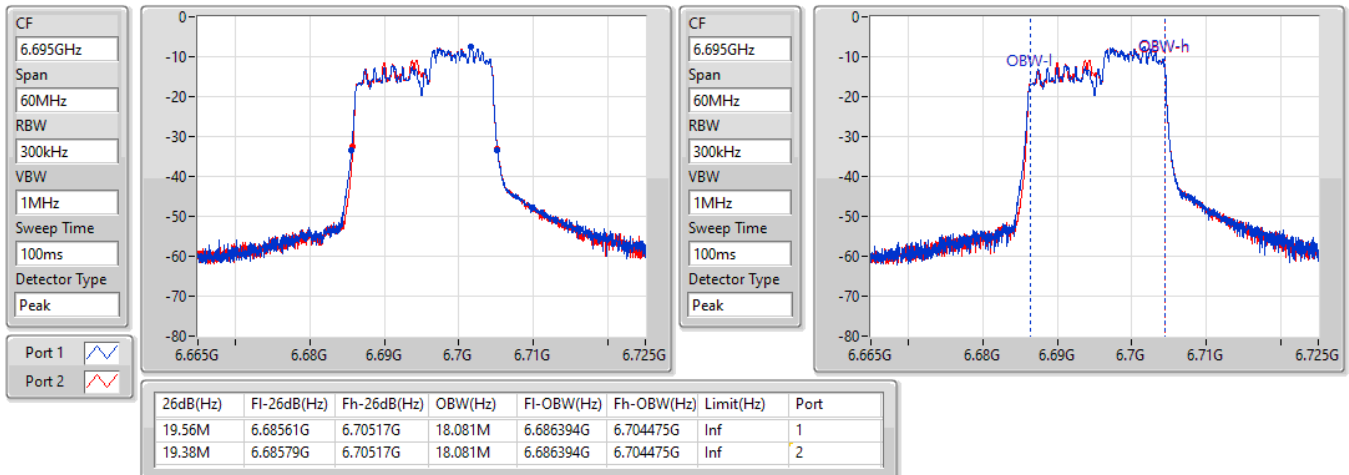


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

21/06/2022

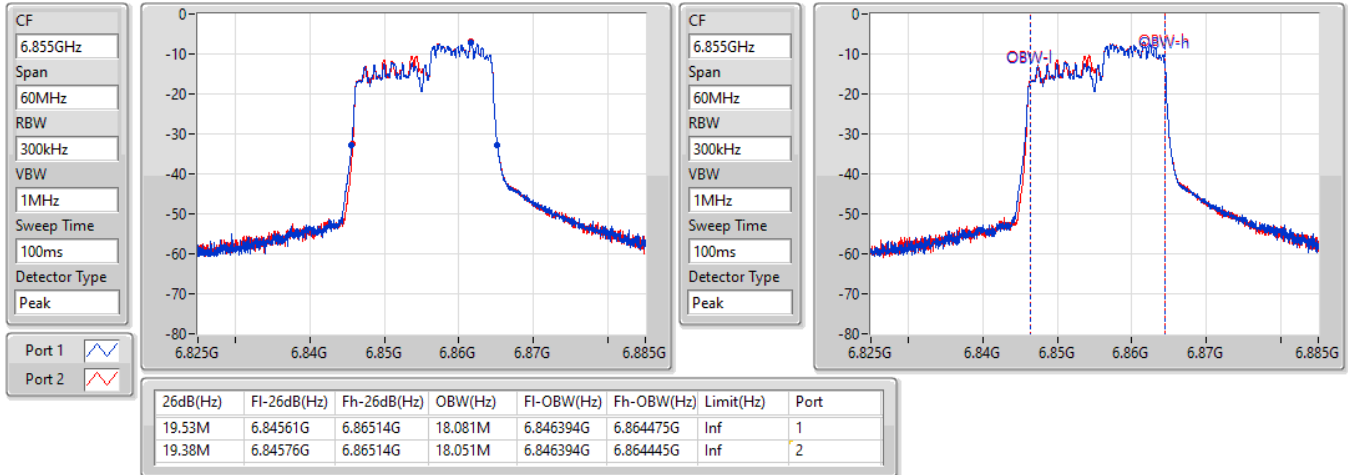


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

21/06/2022

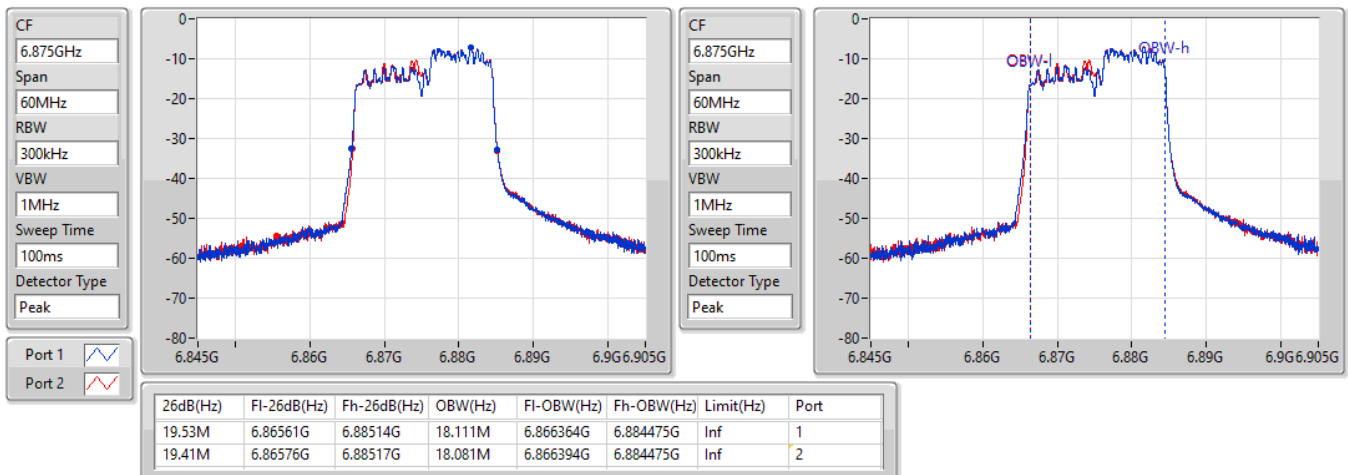


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

21/06/2022

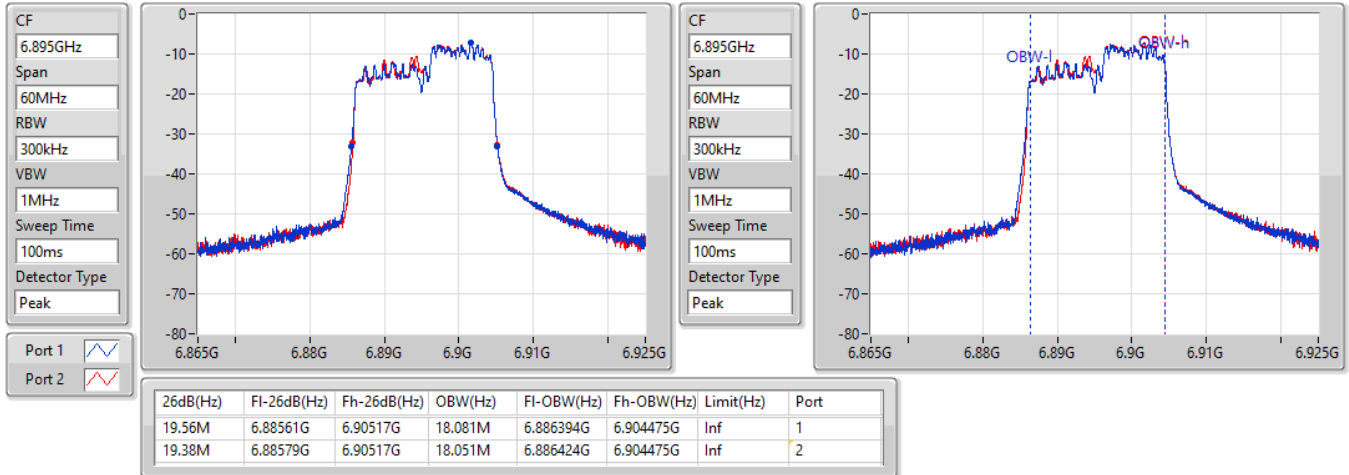


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

21/06/2022

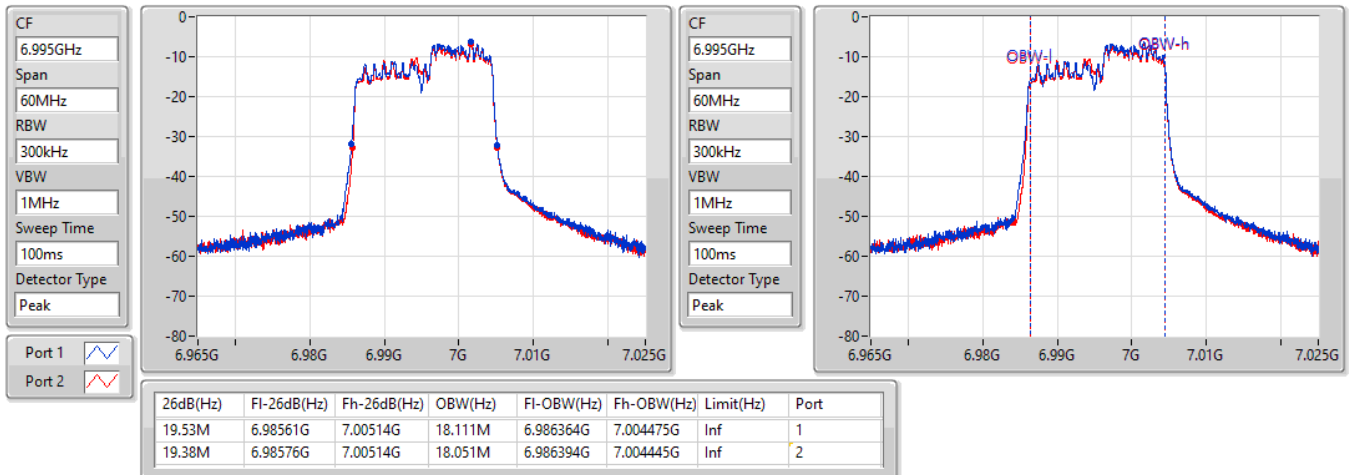


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6995MHz

21/06/2022

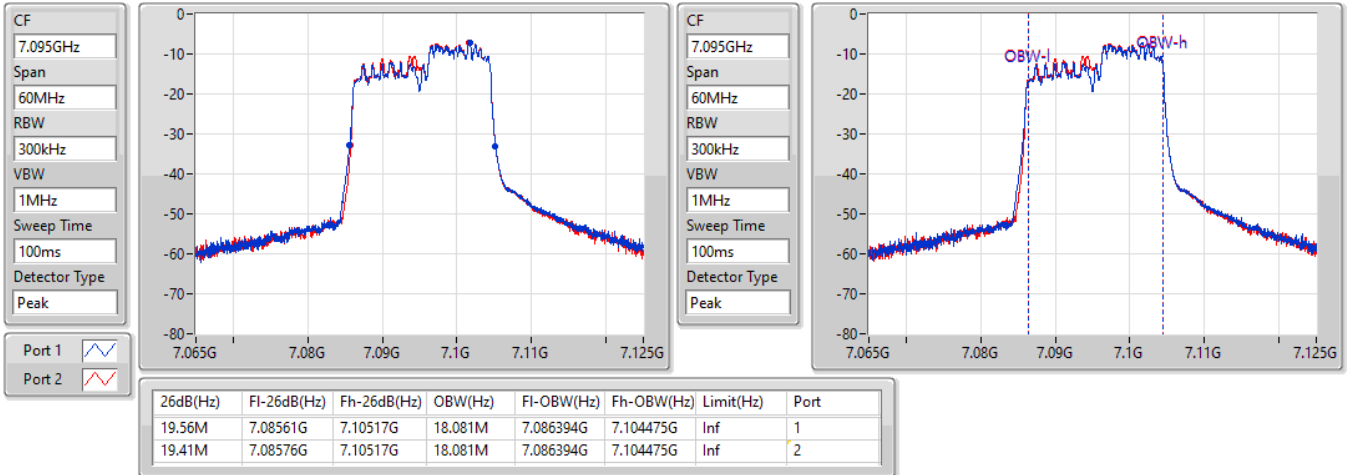


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

21/06/2022

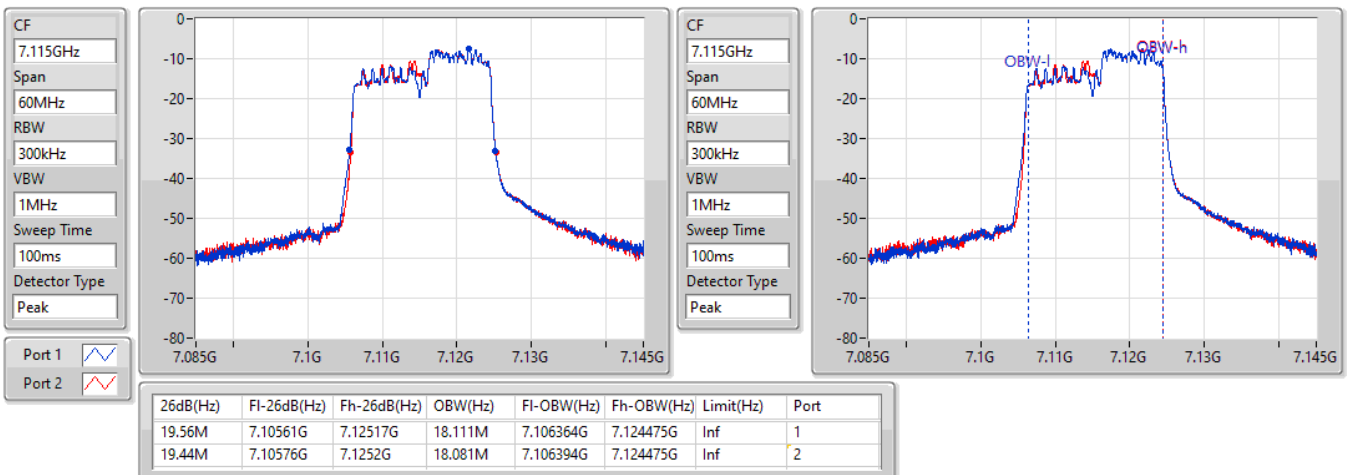


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7115MHz

21/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.29M	17.331M	17M3D1D	19.02M	16.942M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.2M	17.661M	17M7D1D	18.9M	16.882M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.38M	17.481M	17M5D1D	18.87M	16.942M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.38M	17.481M	17M5D1D	18.9M	17.091M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	19.26M	17.331M	19.17M	17.061M
6195MHz	Pass	Inf	19.17M	17.151M	19.02M	16.942M
6415MHz	Pass	Inf	19.29M	17.241M	19.08M	17.271M
6435MHz	Pass	Inf	18.9M	17.271M	19.14M	17.301M
6475MHz	Pass	Inf	19.2M	17.661M	19.08M	17.241M
6515MHz	Pass	Inf	19.2M	17.031M	19.05M	16.882M
6535MHz	Pass	Inf	19.29M	17.151M	19.08M	17.271M
6695MHz	Pass	Inf	19.05M	17.481M	19.11M	16.942M
6855MHz	Pass	Inf	19.38M	17.361M	19.2M	17.211M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.11M	17.331M	18.87M	17.361M
6895MHz	Pass	Inf	19.32M	17.391M	19.11M	17.091M
6995MHz	Pass	Inf	19.29M	17.361M	19.29M	17.481M
7095MHz	Pass	Inf	19.38M	17.361M	19.29M	17.391M
7115MHz	Pass	Inf	18.9M	17.421M	18.99M	17.391M

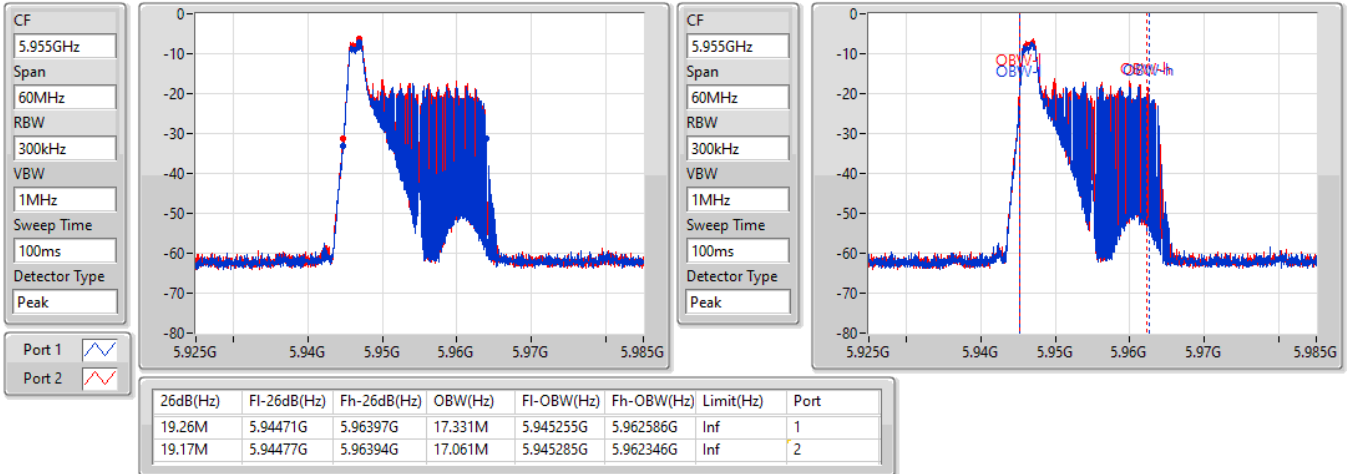
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

21/06/2022

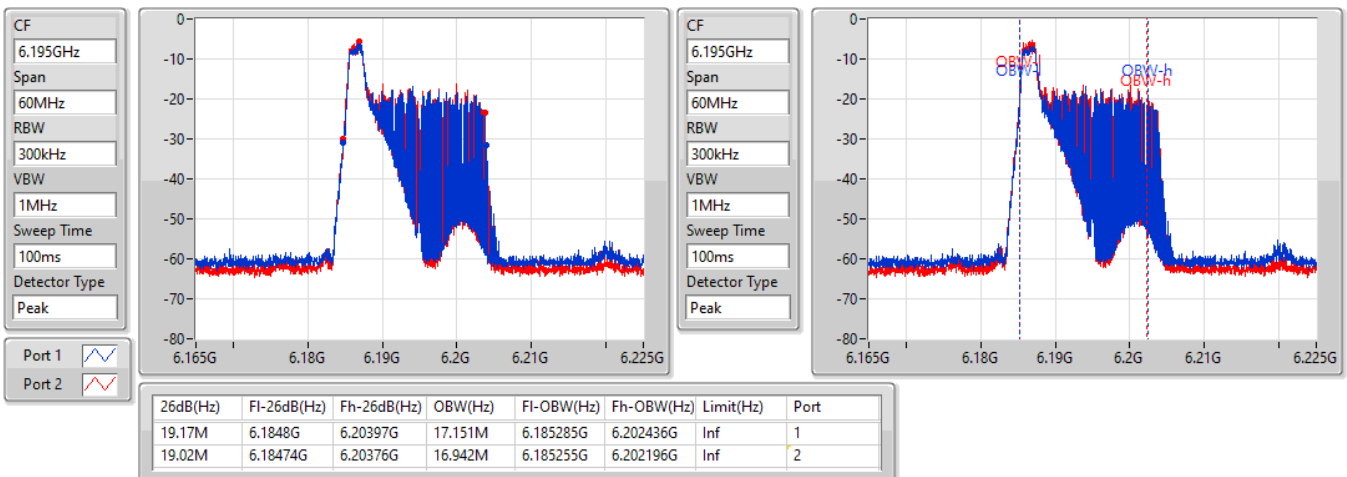


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

21/06/2022

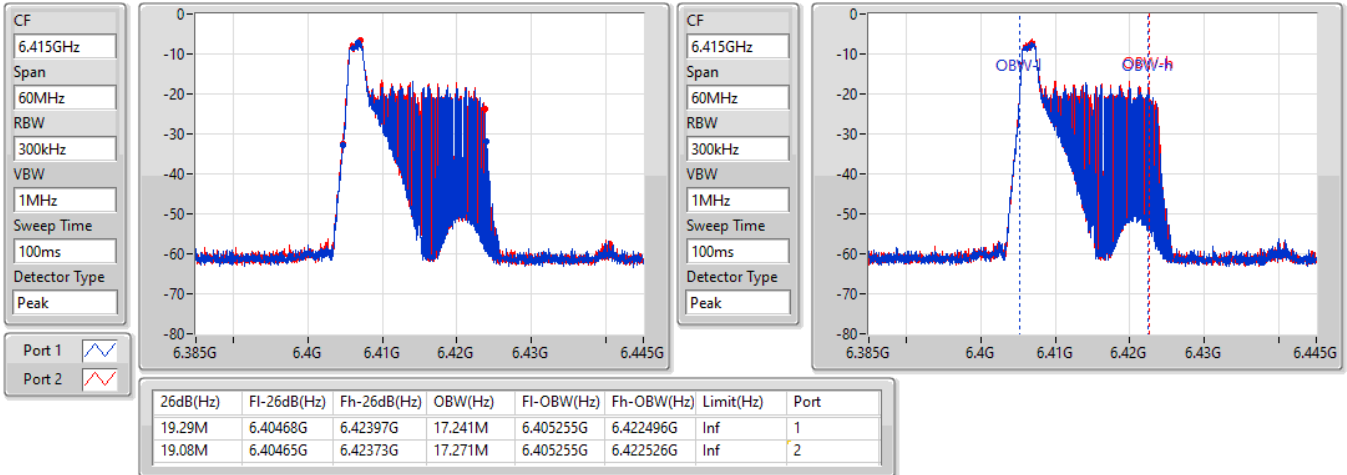


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

21/06/2022

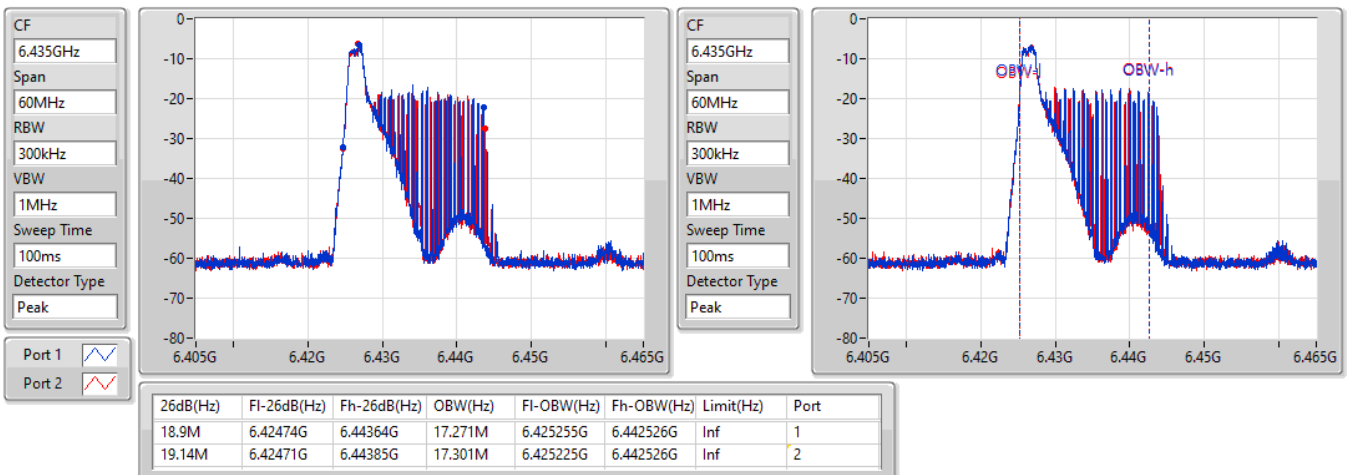


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

21/06/2022

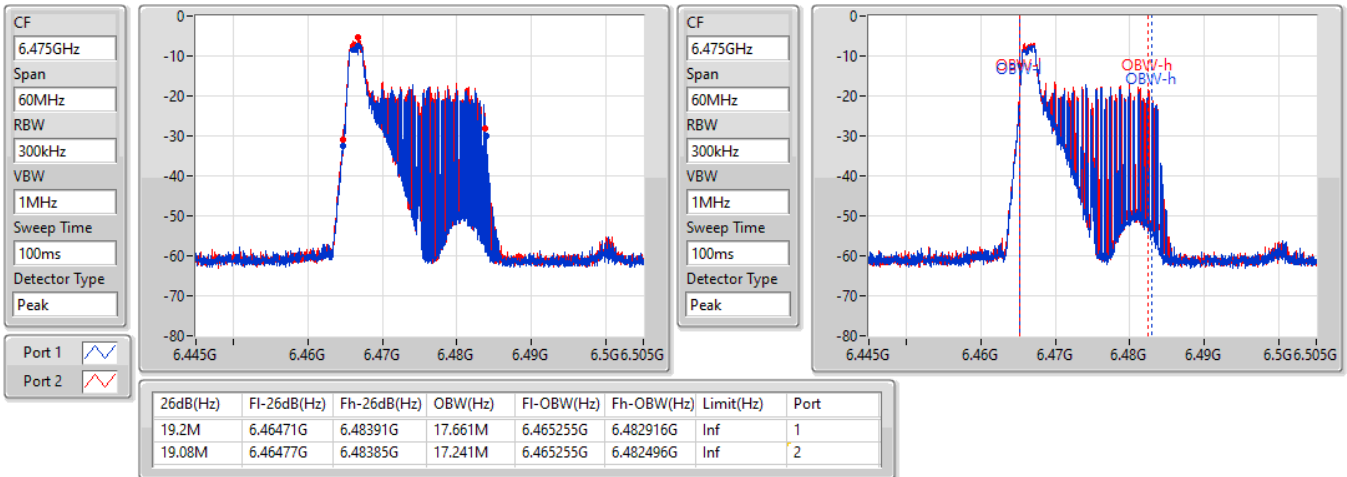


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

21/06/2022

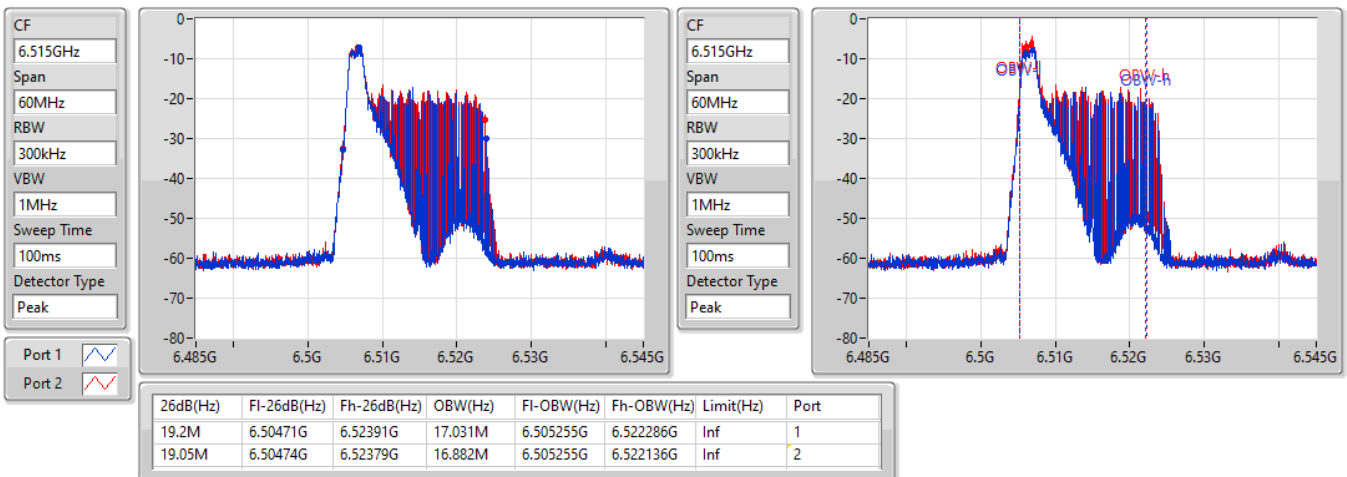


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

21/06/2022

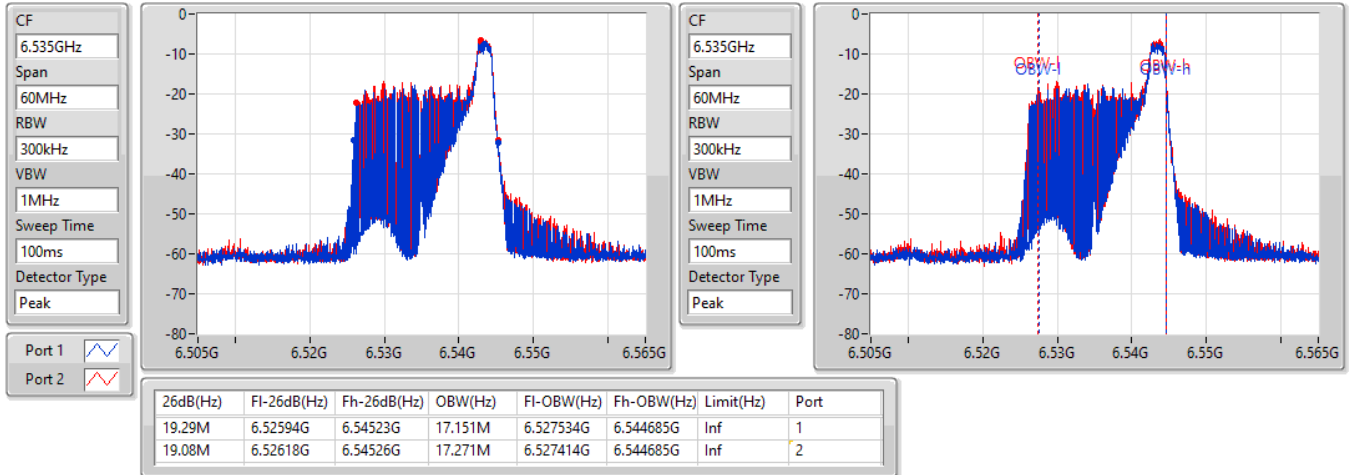


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

21/06/2022

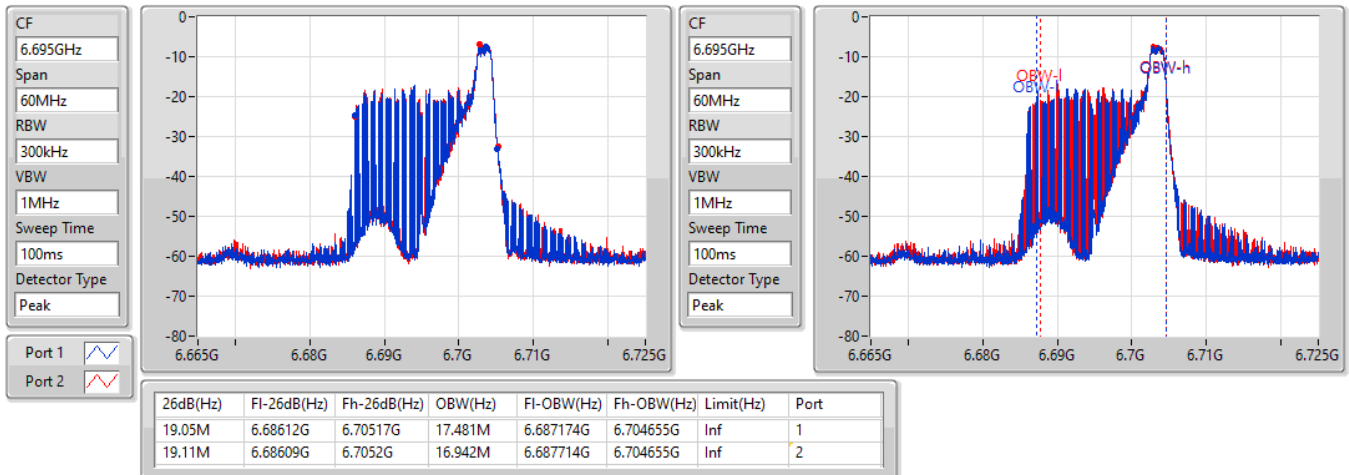


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

21/06/2022

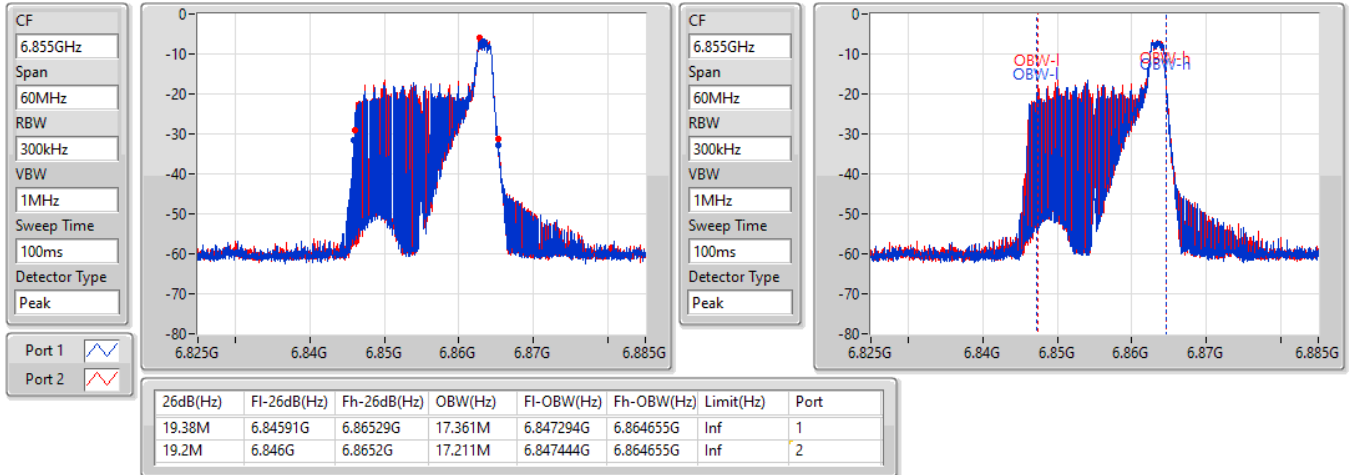


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

21/06/2022

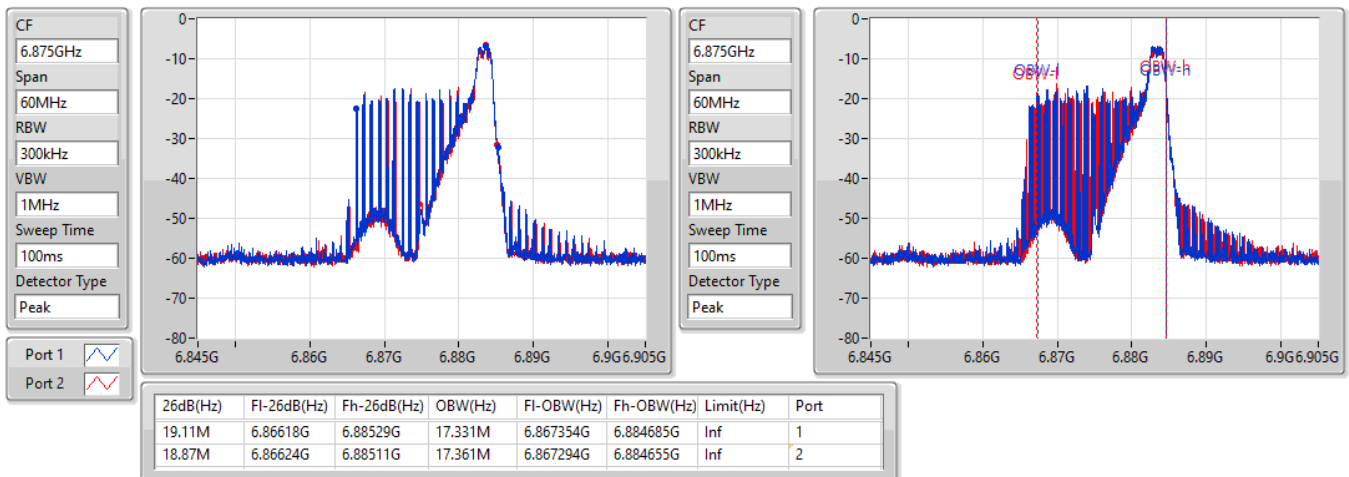


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

21/06/2022

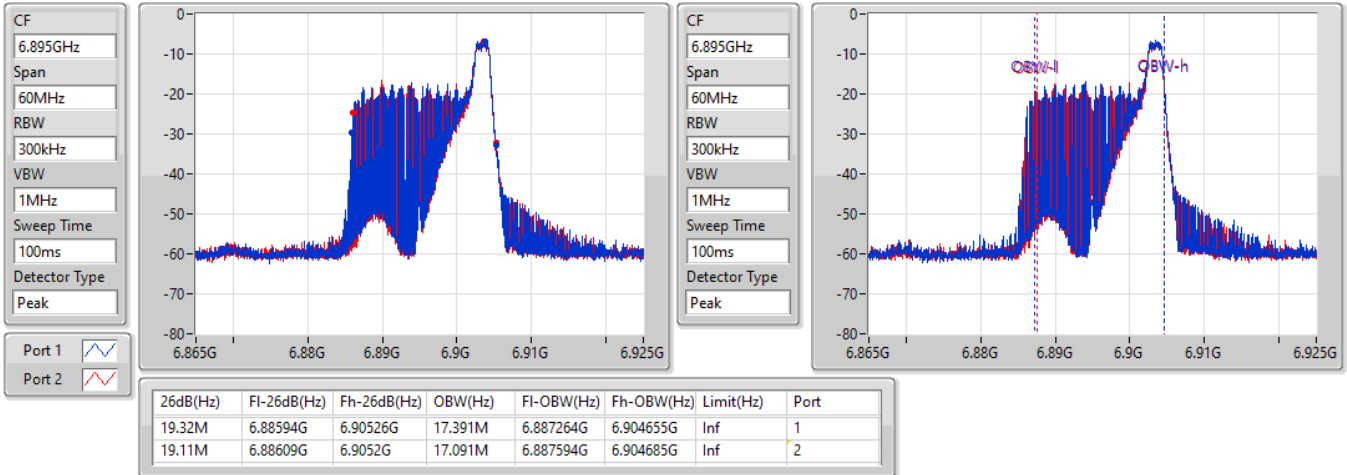


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

21/06/2022

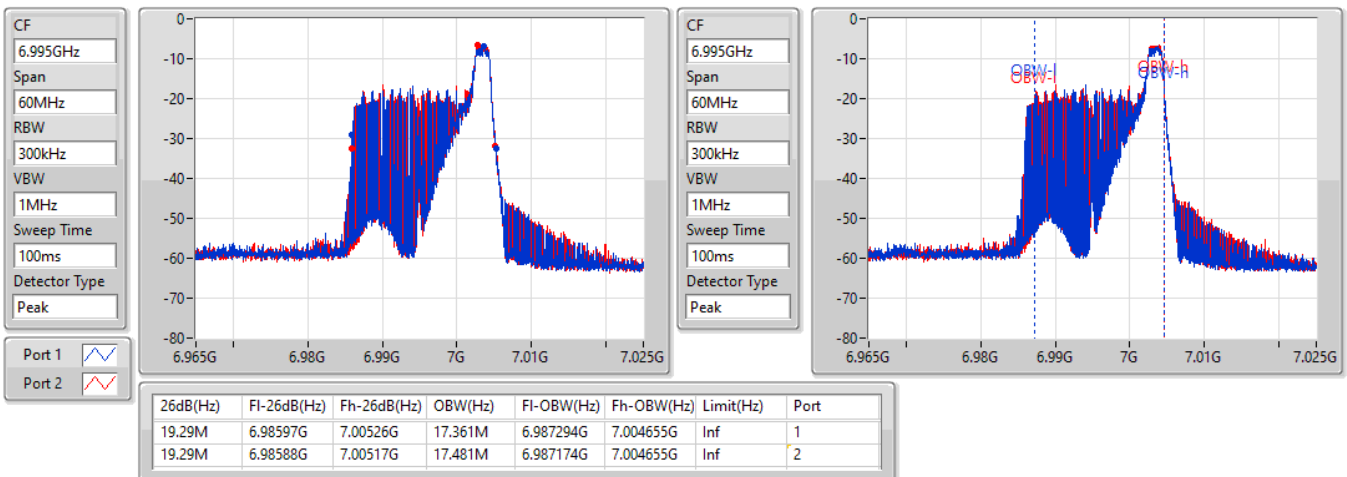


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6995MHz

21/06/2022

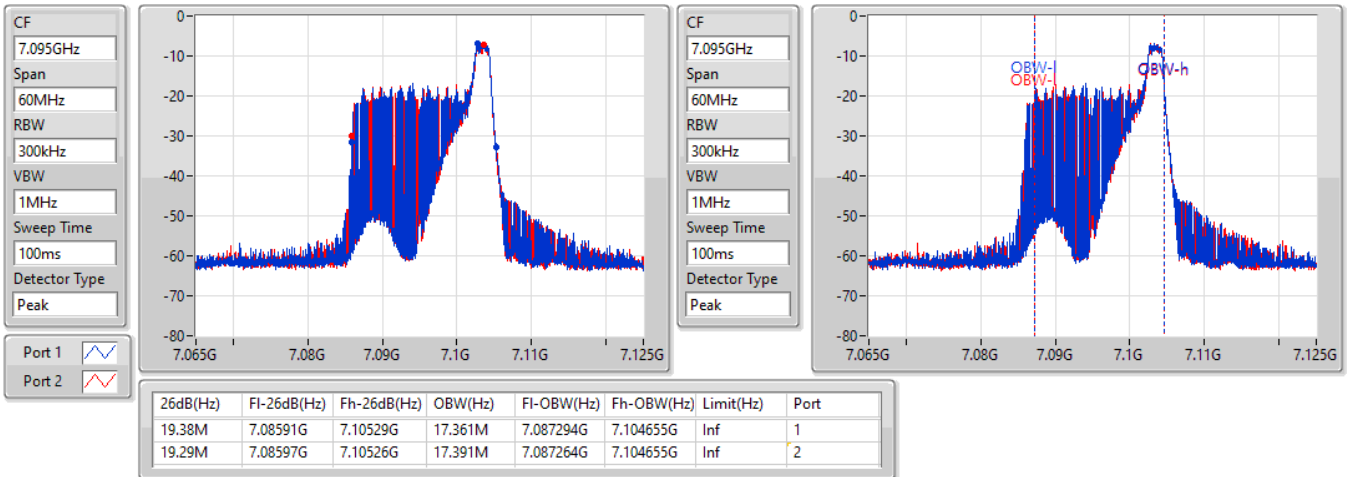


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

21/06/2022

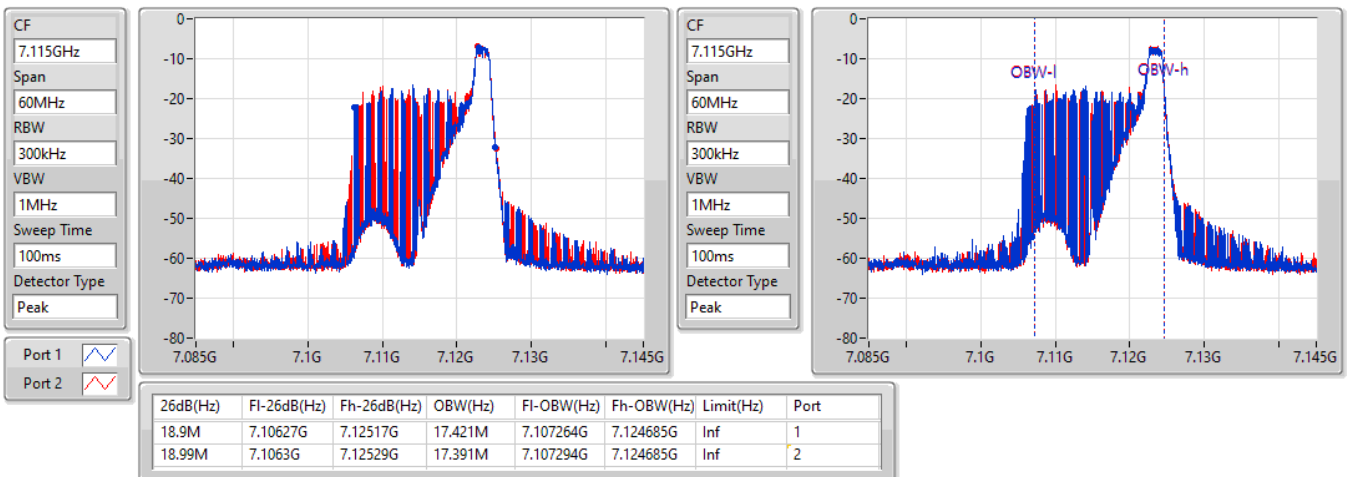


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7115MHz

21/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.29M	18.081M	18M1D1D	19.23M	18.021M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.29M	18.081M	18M1D1D	19.23M	18.021M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.44M	18.111M	18M1D1D	19.32M	18.081M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.47M	18.141M	18M1D1D	19.32M	18.081M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	19.26M	18.081M	19.23M	18.051M
6195MHz	Pass	Inf	19.26M	18.051M	19.23M	18.021M
6415MHz	Pass	Inf	19.29M	18.051M	19.26M	18.021M
6435MHz	Pass	Inf	19.26M	18.051M	19.23M	18.021M
6475MHz	Pass	Inf	19.29M	18.081M	19.23M	18.021M
6515MHz	Pass	Inf	19.29M	18.051M	19.26M	18.021M
6535MHz	Pass	Inf	19.41M	18.081M	19.32M	18.081M
6695MHz	Pass	Inf	19.44M	18.111M	19.32M	18.081M
6855MHz	Pass	Inf	19.41M	18.081M	19.32M	18.081M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.44M	18.111M	19.32M	18.111M
6875MHz Straddle 6.875-7.125GHz						
6895MHz	Pass	Inf	19.44M	18.111M	19.35M	18.081M
6995MHz	Pass	Inf	19.47M	18.141M	19.35M	18.111M
7095MHz	Pass	Inf	19.44M	18.111M	19.32M	18.081M
7115MHz	Pass	Inf	19.47M	18.141M	19.32M	18.111M

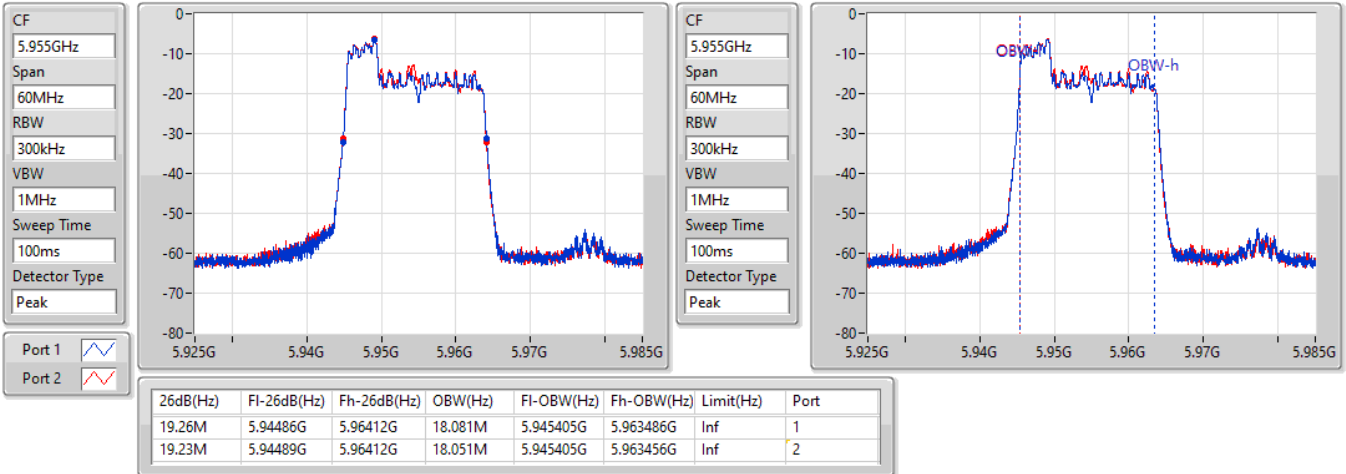
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

21/06/2022

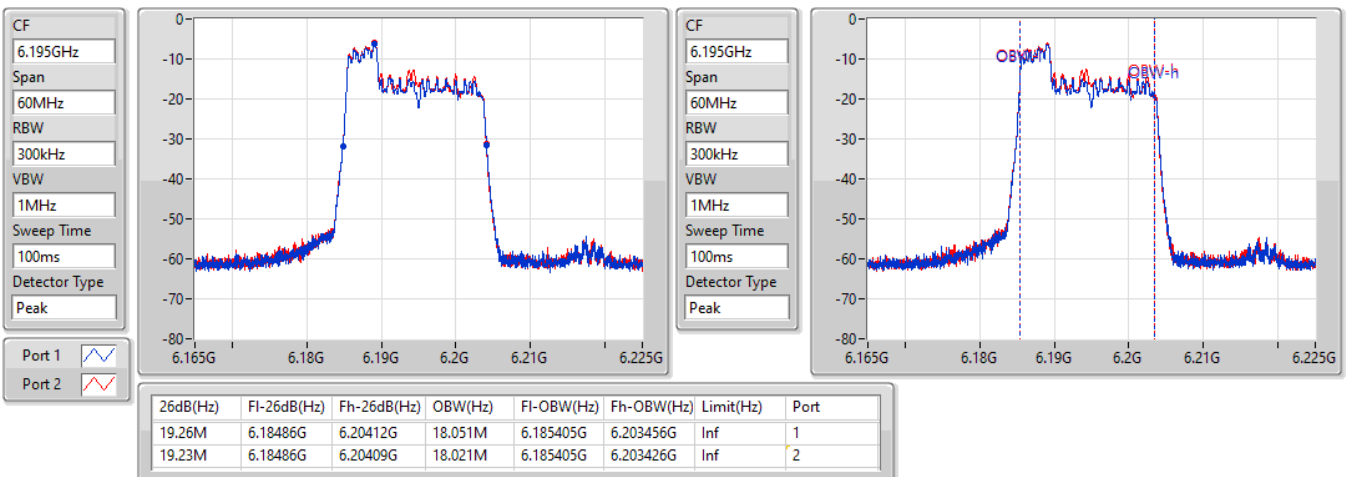


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

21/06/2022

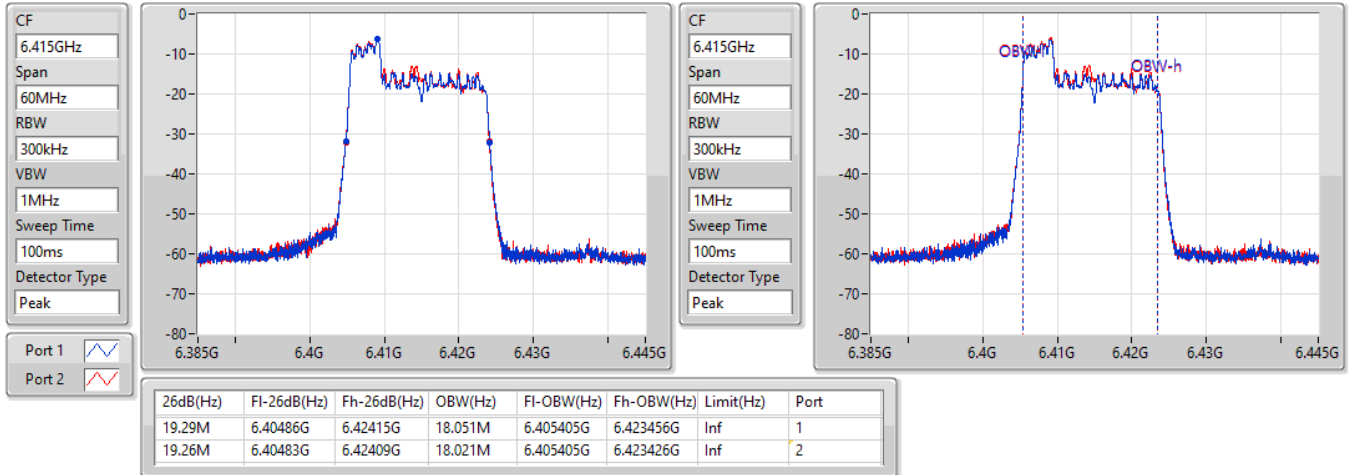


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

21/06/2022

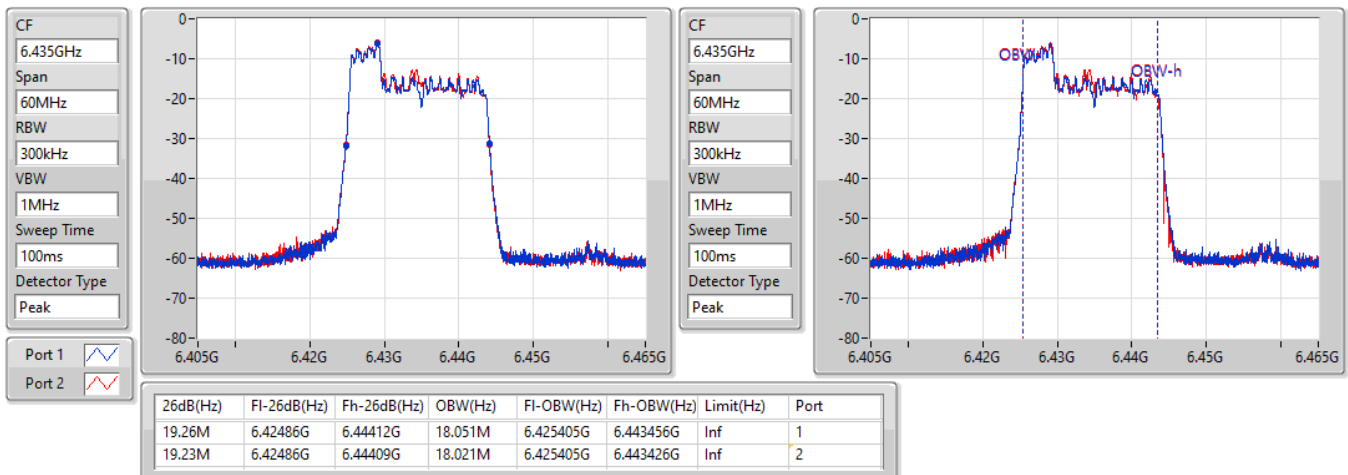


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

21/06/2022

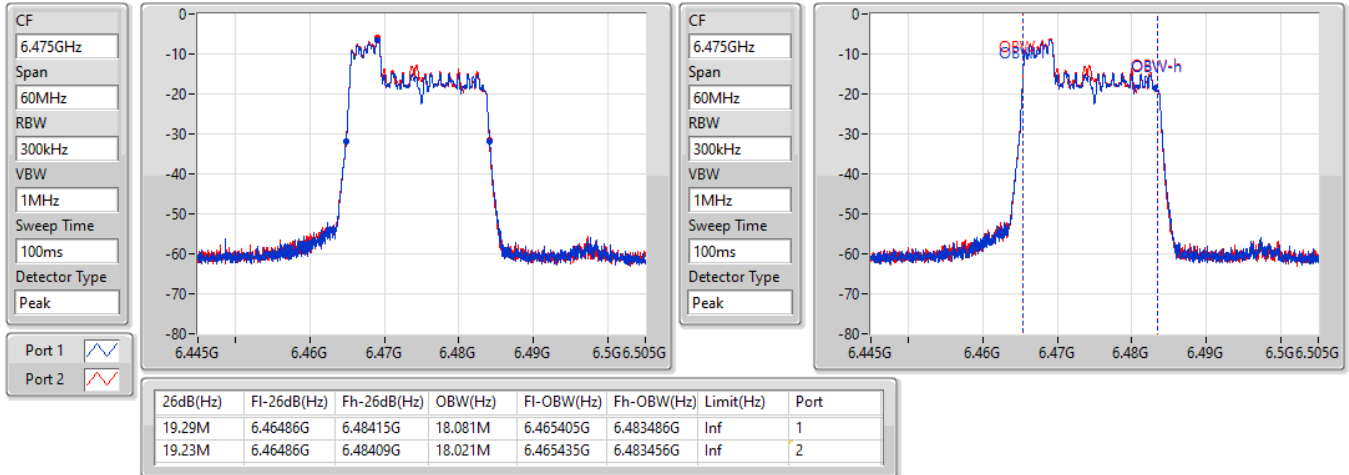


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

21/06/2022

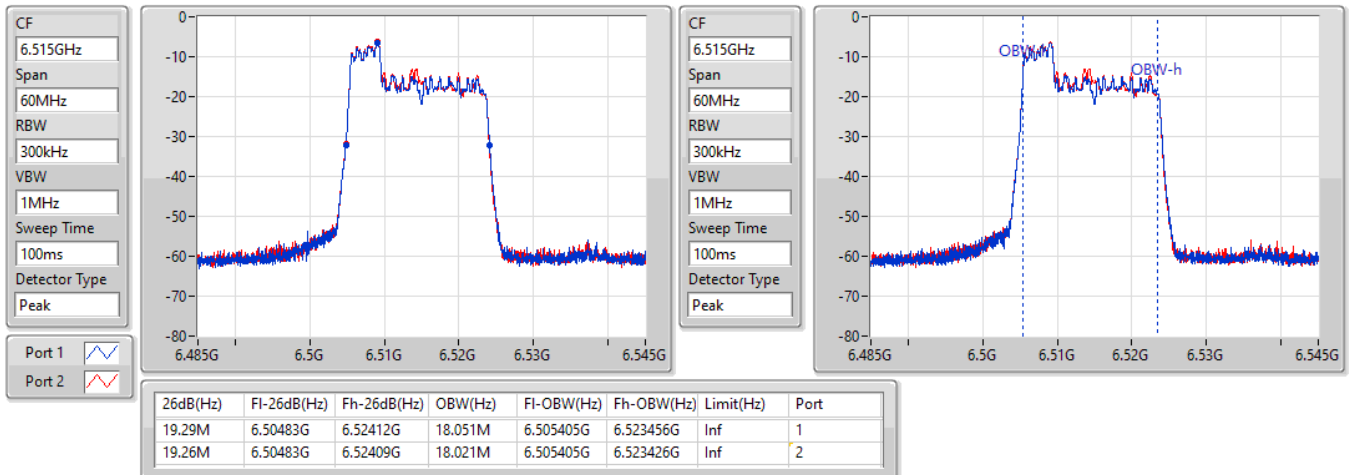


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

21/06/2022

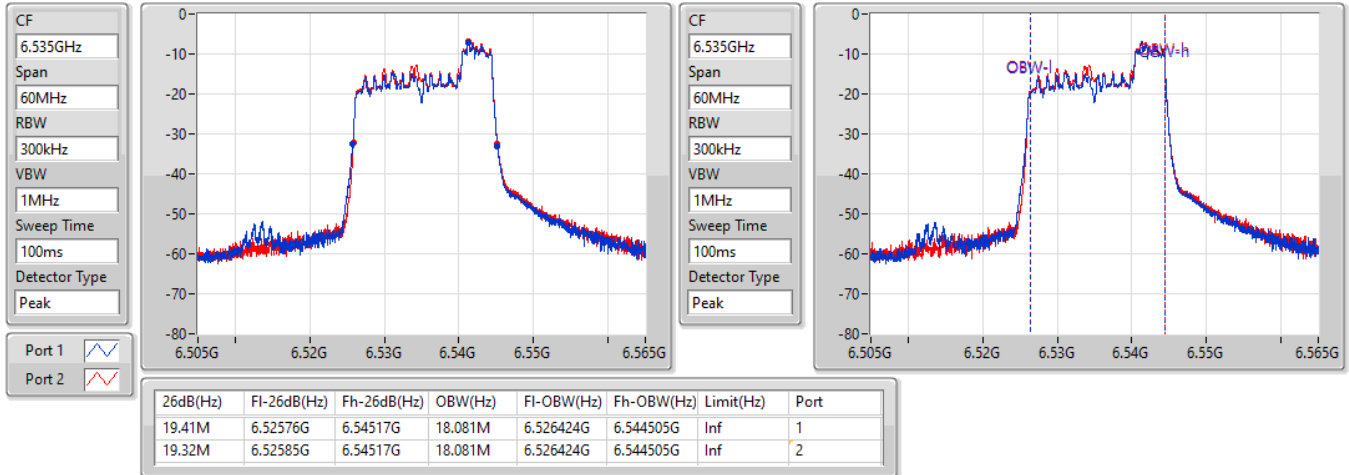


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

21/06/2022

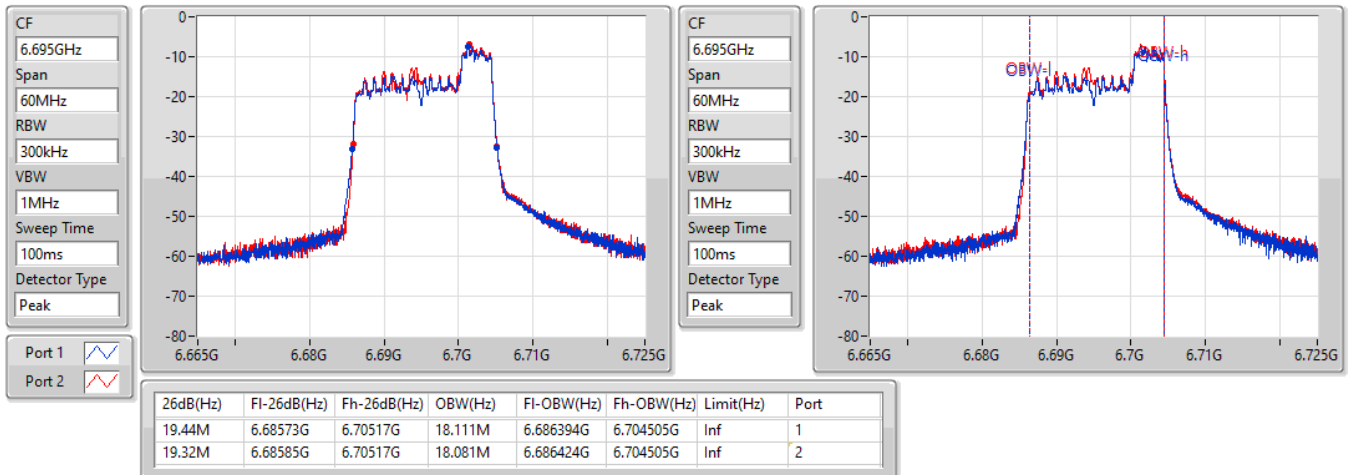


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

21/06/2022

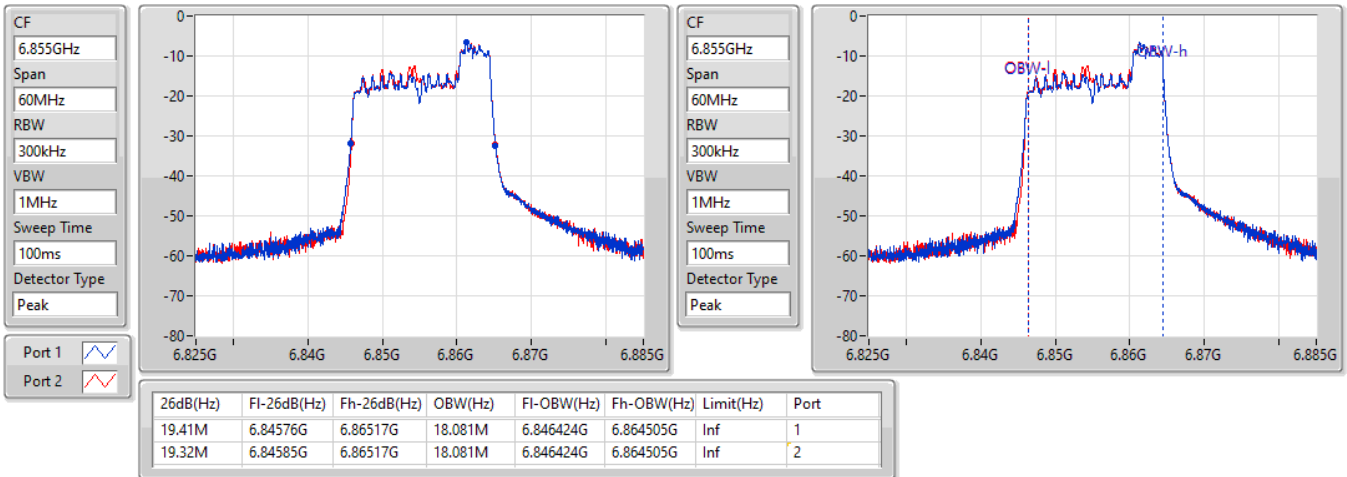


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

21/06/2022

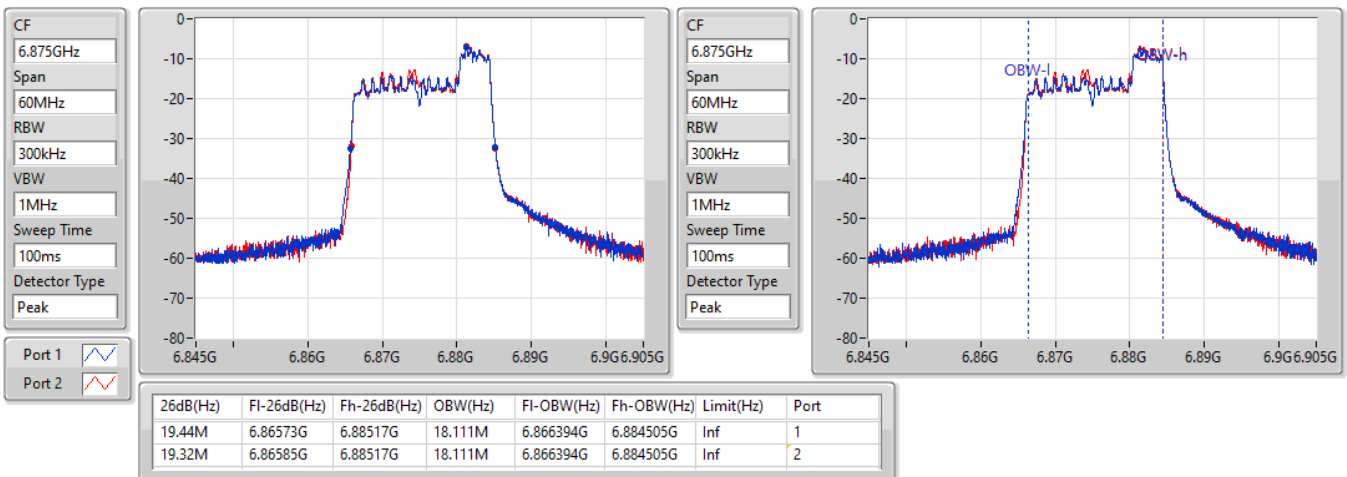


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

21/06/2022

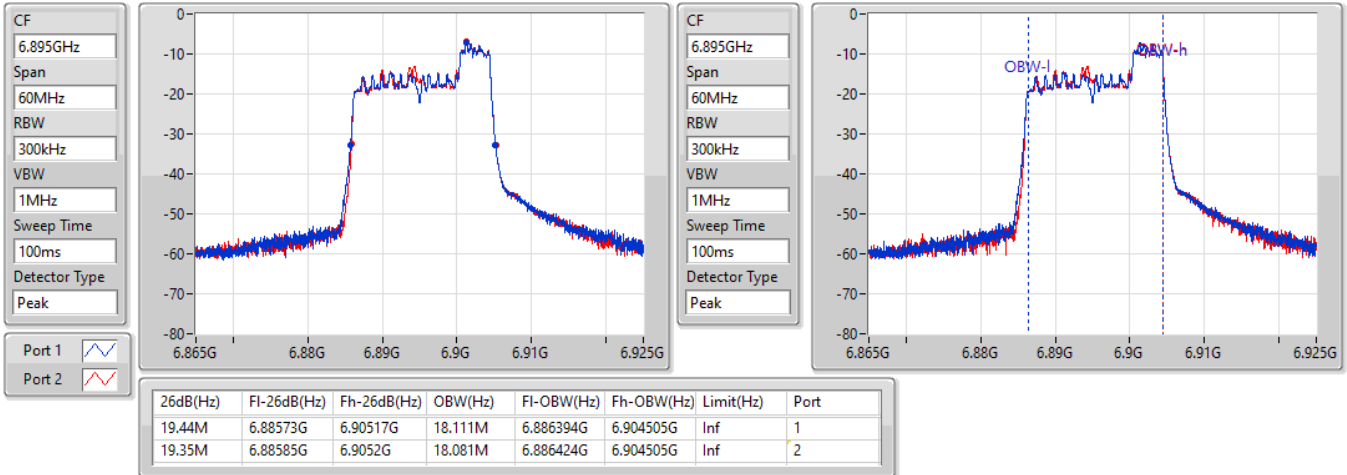


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

21/06/2022

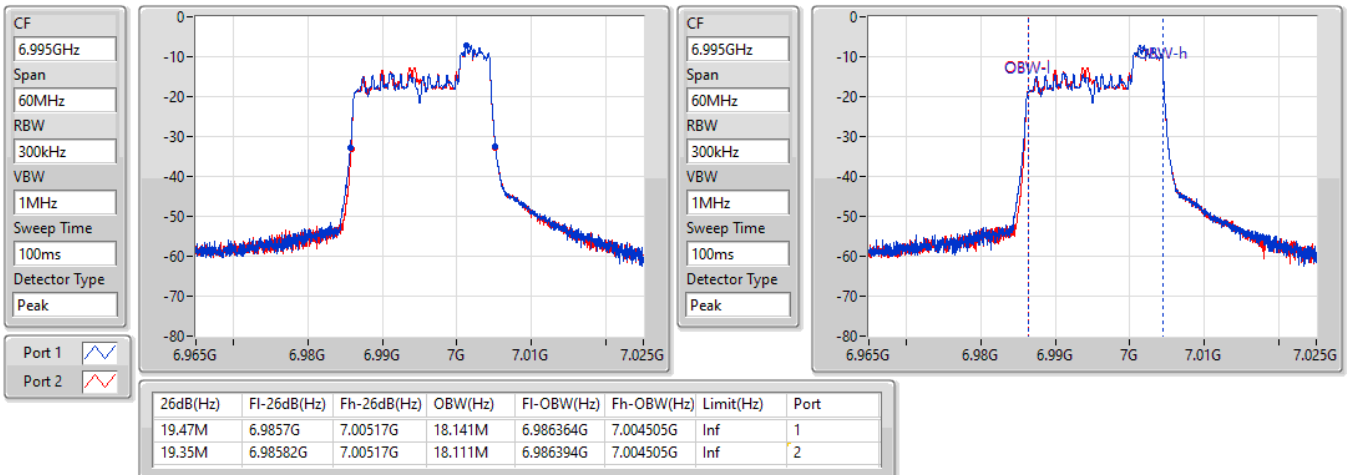


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6995MHz

21/06/2022

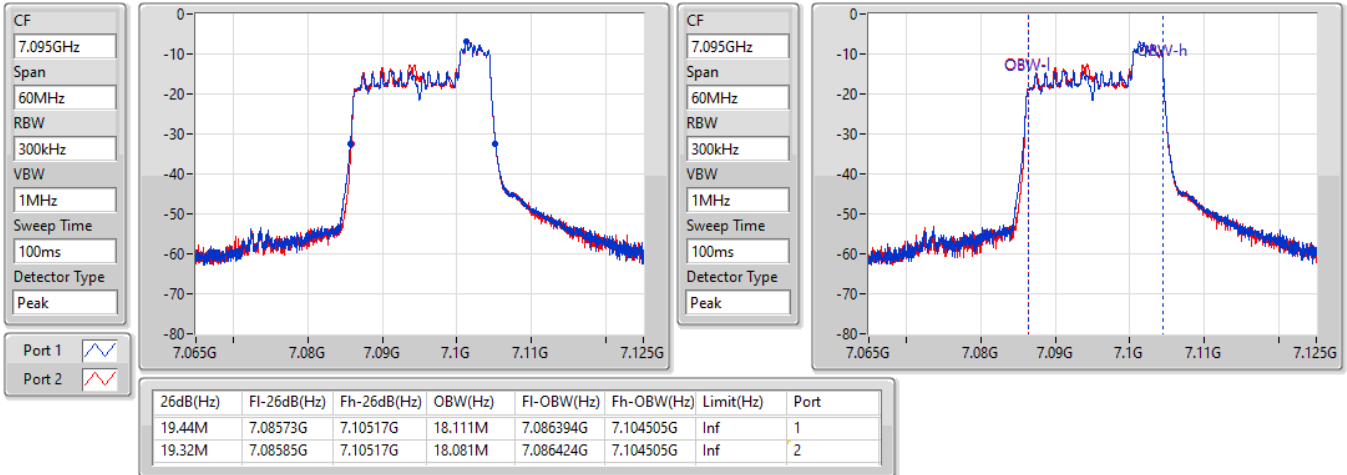


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

21/06/2022

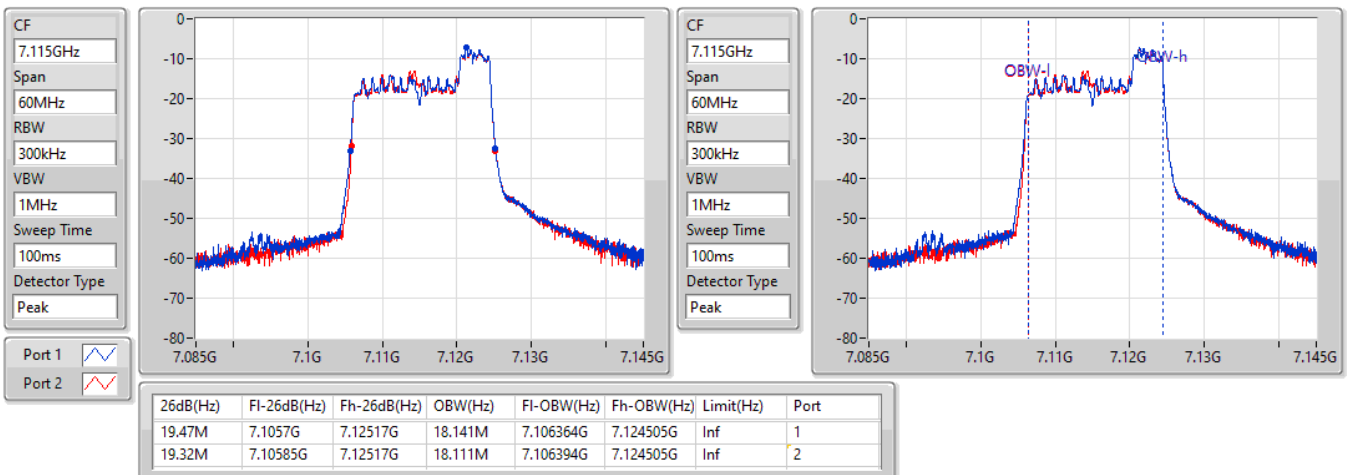


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7115MHz

21/06/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.38M	18.081M	18M1D1D	19.32M	18.051M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.35M	18.081M	18M1D1D	19.29M	18.051M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.56M	18.111M	18M1D1D	19.35M	18.051M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	19.56M	18.111M	18M1D1D	19.38M	18.051M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	19.35M	18.081M	19.32M	18.051M
6195MHz	Pass	Inf	19.38M	18.051M	19.35M	18.051M
6415MHz	Pass	Inf	19.38M	18.081M	19.32M	18.051M
6435MHz	Pass	Inf	19.35M	18.081M	19.32M	18.051M
6475MHz	Pass	Inf	19.35M	18.081M	19.29M	18.051M
6515MHz	Pass	Inf	19.35M	18.051M	19.32M	18.051M
6535MHz	Pass	Inf	19.53M	18.081M	19.35M	18.051M
6695MHz	Pass	Inf	19.56M	18.081M	19.38M	18.081M
6855MHz	Pass	Inf	19.53M	18.081M	19.38M	18.051M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	19.53M	18.111M	19.41M	18.081M
6895MHz	Pass	Inf	19.56M	18.081M	19.38M	18.051M
6995MHz	Pass	Inf	19.53M	18.111M	19.38M	18.051M
7095MHz	Pass	Inf	19.56M	18.081M	19.41M	18.081M
7115MHz	Pass	Inf	19.56M	18.111M	19.44M	18.081M

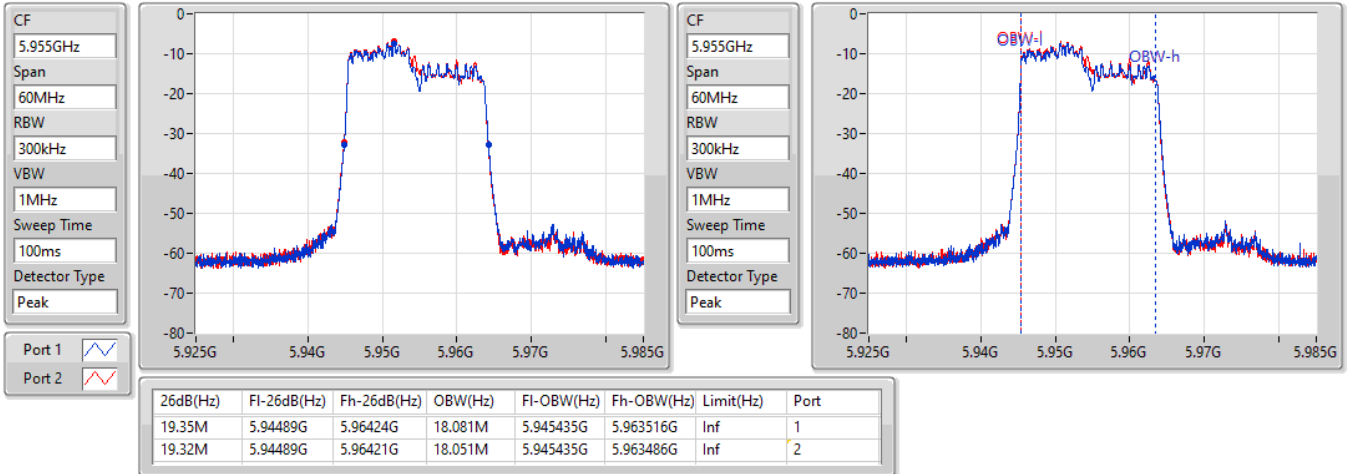
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

21/06/2022

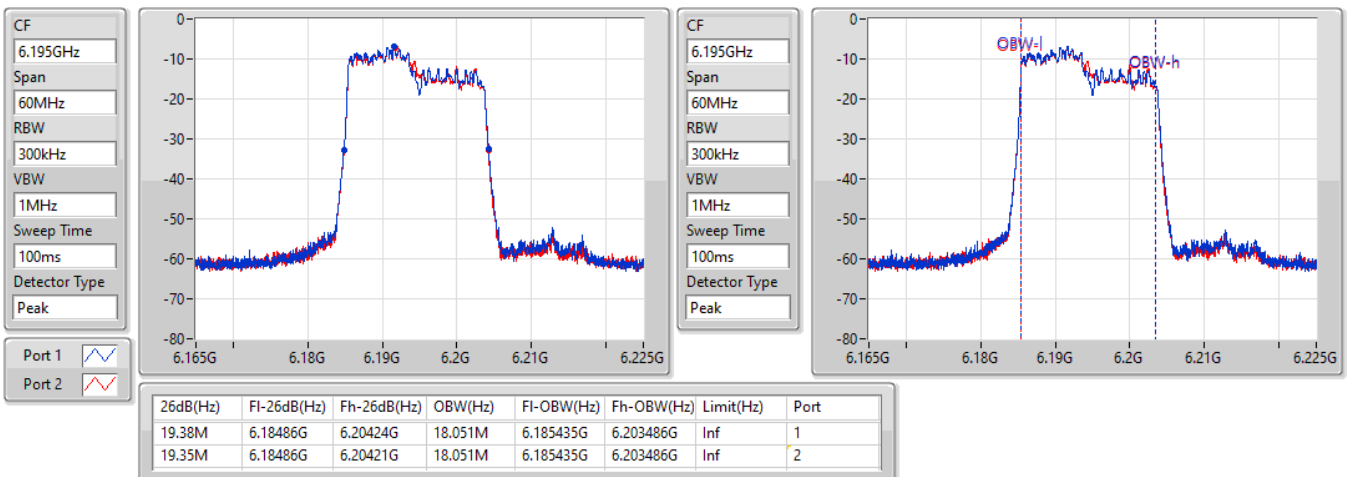


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

21/06/2022

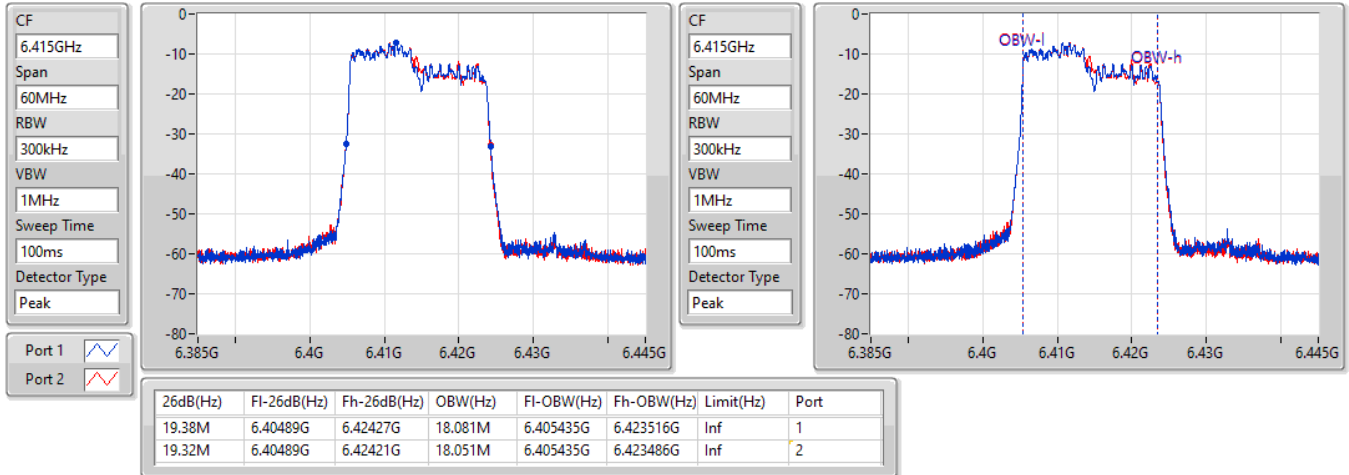


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

21/06/2022

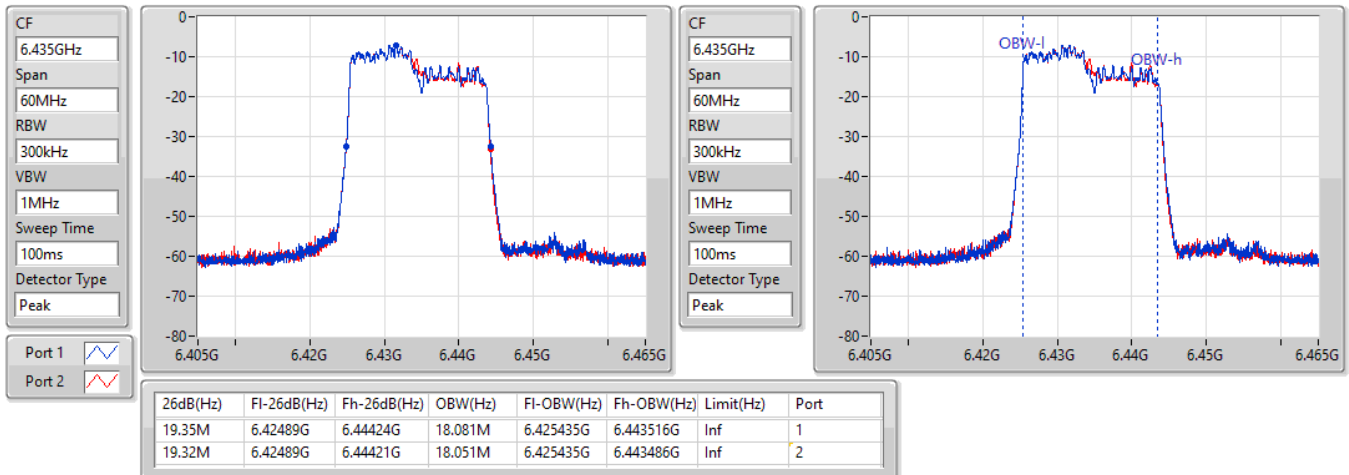


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

21/06/2022

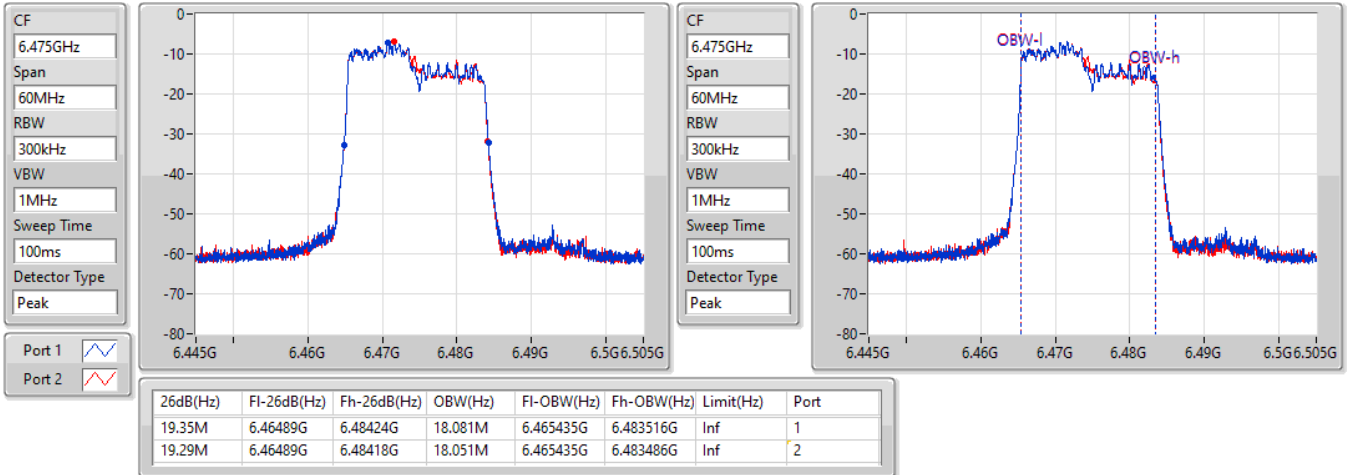


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

21/06/2022

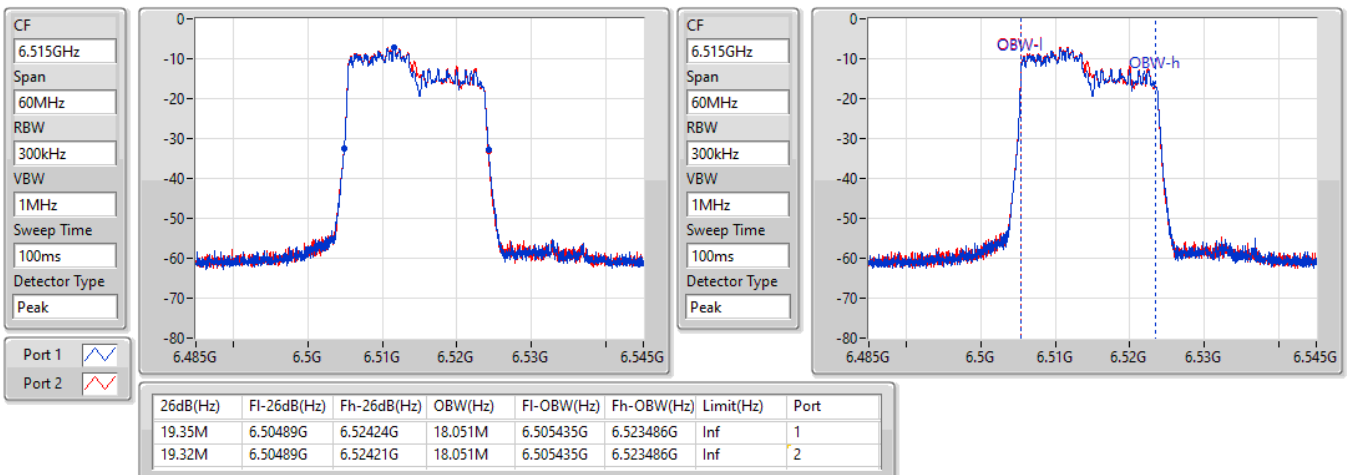


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

21/06/2022

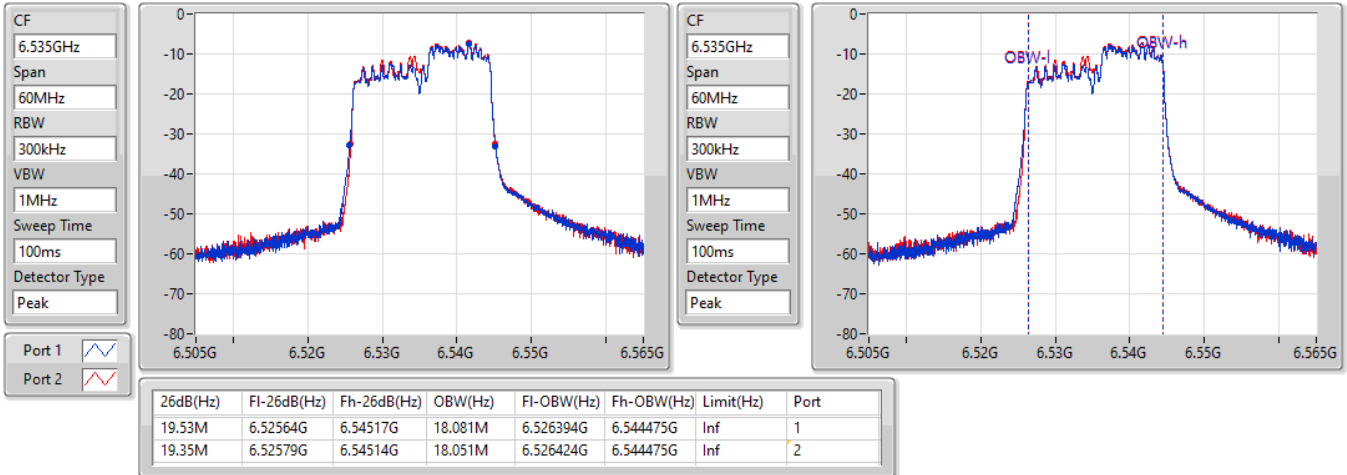


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

21/06/2022



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

21/06/2022

