



FCC Radio Test Report

FCC ID : C3K2029
Equipment : Portable Computing Device
Brand Name : Microsoft
Model Name : 2029
Applicant : Microsoft Corporation
One Microsoft Way Redmond, WA 98052-6399, U.S.A
Manufacturer : Microsoft Corporation
One Microsoft Way Redmond, WA 98052-6399, U.S.A
Standard : 47 CFR FCC Part 15.407

The product was received on Jan. 03, 2023, and testing was started from Jan. 12, 2023 and completed on Jun. 05, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS

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APPENDIX H. TEST RESULTS OF RADIATED EMISSION CO-LOCATION

PHOTOGRAPHS OF EUT V01



History of this test report

Table with 4 columns: Report No., Version, Description, Issued Date. It lists 6 versions of the report, from 01 to 06, with descriptions of revisions and their respective dates from July to September 2023.



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	-
3.7	15.407(g)	Frequency Stability	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

None

Reviewed by: Ben Tseng

Report Producer: Michelle Tsai



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 7125	ax (HEW20)	5955 ~ 7115	1 ~ 233 [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]

Full RU

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	1TX(Port1)
5.925-6.425GHz	802.11ax HEW20	20	1TX(Port2)
5.925-6.425GHz	802.11ax HEW20	20	2TX
6.425-6.525GHz	802.11ax HEW20	20	1TX(Port1)
6.425-6.525GHz	802.11ax HEW20	20	1TX(Port2)
6.425-6.525GHz	802.11ax HEW20	20	2TX
6.525-6.875GHz	802.11ax HEW20	20	1TX(Port1)
6.525-6.875GHz	802.11ax HEW20	20	1TX(Port2)
6.525-6.875GHz	802.11ax HEW20	20	2TX
6.875-7.125GHz	802.11ax HEW20	20	1TX(Port1)
6.875-7.125GHz	802.11ax HEW20	20	1TX(Port2)
6.875-7.125GHz	802.11ax HEW20	20	2TX
5.925-6.425GHz	802.11ax HEW40	40	1TX(Port1)
5.925-6.425GHz	802.11ax HEW40	40	1TX(Port2)
5.925-6.425GHz	802.11ax HEW40	40	2TX
6.425-6.525GHz	802.11ax HEW40	40	1TX(Port1)
6.425-6.525GHz	802.11ax HEW40	40	1TX(Port2)
6.425-6.525GHz	802.11ax HEW40	40	2TX
6.525-6.875GHz	802.11ax HEW40	40	1TX(Port1)
6.525-6.875GHz	802.11ax HEW40	40	1TX(Port2)
6.525-6.875GHz	802.11ax HEW40	40	2TX
6.875-7.125GHz	802.11ax HEW40	40	1TX(Port1)
6.875-7.125GHz	802.11ax HEW40	40	1TX(Port2)
6.875-7.125GHz	802.11ax HEW40	40	2TX



Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW80	80	1TX(Port1)
5.925-6.425GHz	802.11ax HEW80	80	1TX(Port2)
5.925-6.425GHz	802.11ax HEW80	80	2TX
6.425-6.525GHz	802.11ax HEW80	80	1TX(Port1)
6.425-6.525GHz	802.11ax HEW80	80	1TX(Port2)
6.425-6.525GHz	802.11ax HEW80	80	2TX
6.525-6.875GHz	802.11ax HEW80	80	1TX(Port1)
6.525-6.875GHz	802.11ax HEW80	80	1TX(Port2)
6.525-6.875GHz	802.11ax HEW80	80	2TX
6.875-7.125GHz	802.11ax HEW80	80	1TX(Port1)
6.875-7.125GHz	802.11ax HEW80	80	1TX(Port2)
6.875-7.125GHz	802.11ax HEW80	80	2TX
5.925-6.425GHz	802.11ax HEW160	160	1TX(Port1)
5.925-6.425GHz	802.11ax HEW160	160	1TX(Port2)
5.925-6.425GHz	802.11ax HEW160	160	2TX
6.425-6.525GHz	802.11ax HEW160	160	1TX(Port1)
6.425-6.525GHz	802.11ax HEW160	160	1TX(Port2)
6.425-6.525GHz	802.11ax HEW160	160	2TX
6.525-6.875GHz	802.11ax HEW160	160	1TX(Port1)
6.525-6.875GHz	802.11ax HEW160	160	1TX(Port2)
6.525-6.875GHz	802.11ax HEW160	160	2TX
6.875-7.125GHz	802.11ax HEW160	160	1TX(Port1)
6.875-7.125GHz	802.11ax HEW160	160	1TX(Port2)
6.875-7.125GHz	802.11ax HEW160	160	2TX



Partial RU

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20	20	1TX(Port1)
5.925-6.425GHz	802.11ax HEW20	20	1TX(Port2)
5.925-6.425GHz	802.11ax HEW20	20	2TX
6.425-6.525GHz	802.11ax HEW20	20	1TX(Port1)
6.425-6.525GHz	802.11ax HEW20	20	1TX(Port2)
6.425-6.525GHz	802.11ax HEW20	20	2TX
6.525-6.875GHz	802.11ax HEW20	20	1TX(Port1)
6.525-6.875GHz	802.11ax HEW20	20	1TX(Port2)
6.525-6.875GHz	802.11ax HEW20	20	2TX
6.875-7.125GHz	802.11ax HEW20	20	1TX(Port1)
6.875-7.125GHz	802.11ax HEW20	20	1TX(Port2)
6.875-7.125GHz	802.11ax HEW20	20	2TX
5.925-6.425GHz	802.11ax HEW40	40	1TX(Port1)
5.925-6.425GHz	802.11ax HEW40	40	1TX(Port2)
5.925-6.425GHz	802.11ax HEW40	40	2TX
6.425-6.525GHz	802.11ax HEW40	40	1TX(Port1)
6.425-6.525GHz	802.11ax HEW40	40	1TX(Port2)
6.425-6.525GHz	802.11ax HEW40	40	2TX
6.525-6.875GHz	802.11ax HEW40	40	1TX(Port1)
6.525-6.875GHz	802.11ax HEW40	40	1TX(Port2)
6.525-6.875GHz	802.11ax HEW40	40	2TX
6.875-7.125GHz	802.11ax HEW40	40	1TX(Port1)
6.875-7.125GHz	802.11ax HEW40	40	1TX(Port2)
6.875-7.125GHz	802.11ax HEW40	40	2TX
5.925-6.425GHz	802.11ax HEW80	80	1TX(Port1)
5.925-6.425GHz	802.11ax HEW80	80	1TX(Port2)
5.925-6.425GHz	802.11ax HEW80	80	2TX
6.425-6.525GHz	802.11ax HEW80	80	1TX(Port1)
6.425-6.525GHz	802.11ax HEW80	80	1TX(Port2)
6.425-6.525GHz	802.11ax HEW80	80	2TX
6.525-6.875GHz	802.11ax HEW80	80	1TX(Port1)
6.525-6.875GHz	802.11ax HEW80	80	1TX(Port2)
6.525-6.875GHz	802.11ax HEW80	80	2TX
6.875-7.125GHz	802.11ax HEW80	80	1TX(Port1)
6.875-7.125GHz	802.11ax HEW80	80	1TX(Port2)



Band	Mode	BWch (MHz)	Nant
6.875-7.125GHz	802.11ax HEW80	80	2TX
5.925-6.425GHz	802.11ax HEW160	160	1TX(Port1)
5.925-6.425GHz	802.11ax HEW160	160	1TX(Port2)
5.925-6.425GHz	802.11ax HEW160	160	2TX
6.425-6.525GHz	802.11ax HEW160	160	1TX(Port1)
6.425-6.525GHz	802.11ax HEW160	160	1TX(Port2)
6.425-6.525GHz	802.11ax HEW160	160	2TX
6.525-6.875GHz	802.11ax HEW160	160	1TX(Port1)
6.525-6.875GHz	802.11ax HEW160	160	1TX(Port2)
6.525-6.875GHz	802.11ax HEW160	160	2TX
6.875-7.125GHz	802.11ax HEW160	160	1TX(Port1)
6.875-7.125GHz	802.11ax HEW160	160	1TX(Port2)
6.875-7.125GHz	802.11ax HEW160	160	2TX

Note:

- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ The resource unit of HEW 20, HEW 40, HEW 80, HEW160 only support full loading.



1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	Amphenol	CNF964-16-000-R	PIFA	I-PEX
2	Amphenol	CNF965-16-000-R	PIFA	I-PEX

Ant.	Port	Gain (dBi)						
		2.4GHz	Bluetooth	5GHz				
				U-NII-1	U-NII-2A	U-NII-2C	U-NII-3	U-NII-4
1(Aux)	1	4.57	4.57	4.83	5.23	5.89	6.02	5.77
2(Main)	2	4.77	-	4.11	5.43	6.16	5.85	5.74

Ant.	Port	Gain (dBi)			
		6GHz			
		U-NII-5	U-NII-6	U-NII-7	U-NII-8
1(Aux)	1	7.02	7.74	7.74	4.59
2(Main)	2	6.92	7.45	7.45	5.10

Note 1: The EUT has two antennas.

Note 2: The transmit signals are completely uncorrelated, the Directional Gain=

$$10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}] \text{ dBi}$$

For 2.4GHz function:

For IEEE 802.11 b/g/n/ax mode (1TX/1RX)

Support diversity function and tested on each single chain.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 (port 1) can be used as transmitting/receiving antenna.

For 5GHz function:

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

Support diversity function and tested on each single chain.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax mode (1TX/1RX)

Support diversity function and tested on each single chain.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / Battery			
EUT Function	<input type="checkbox"/>	Indoor Access Point	<input type="checkbox"/>	Subordinate
	<input checked="" type="checkbox"/>	Indoor Client	<input type="checkbox"/>	Standard Power Access Point
	<input type="checkbox"/>	Dual Client	<input type="checkbox"/>	Standard Client
	<input type="checkbox"/>	Fixed Client		
Beamforming Function	<input type="checkbox"/>	With beamforming	<input checked="" type="checkbox"/>	Without beamforming
Resource Unit(802.11ax)	<input checked="" type="checkbox"/>	Full RU	<input checked="" type="checkbox"/>	Partial RU
Software / Firmware Version for CBP	22.190.0.4			
Type of EUT				
<input checked="" type="checkbox"/>	Stand-alone			
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:	...		
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
<input type="checkbox"/>	Other:			

Note: The above information was declared by manufacturer.



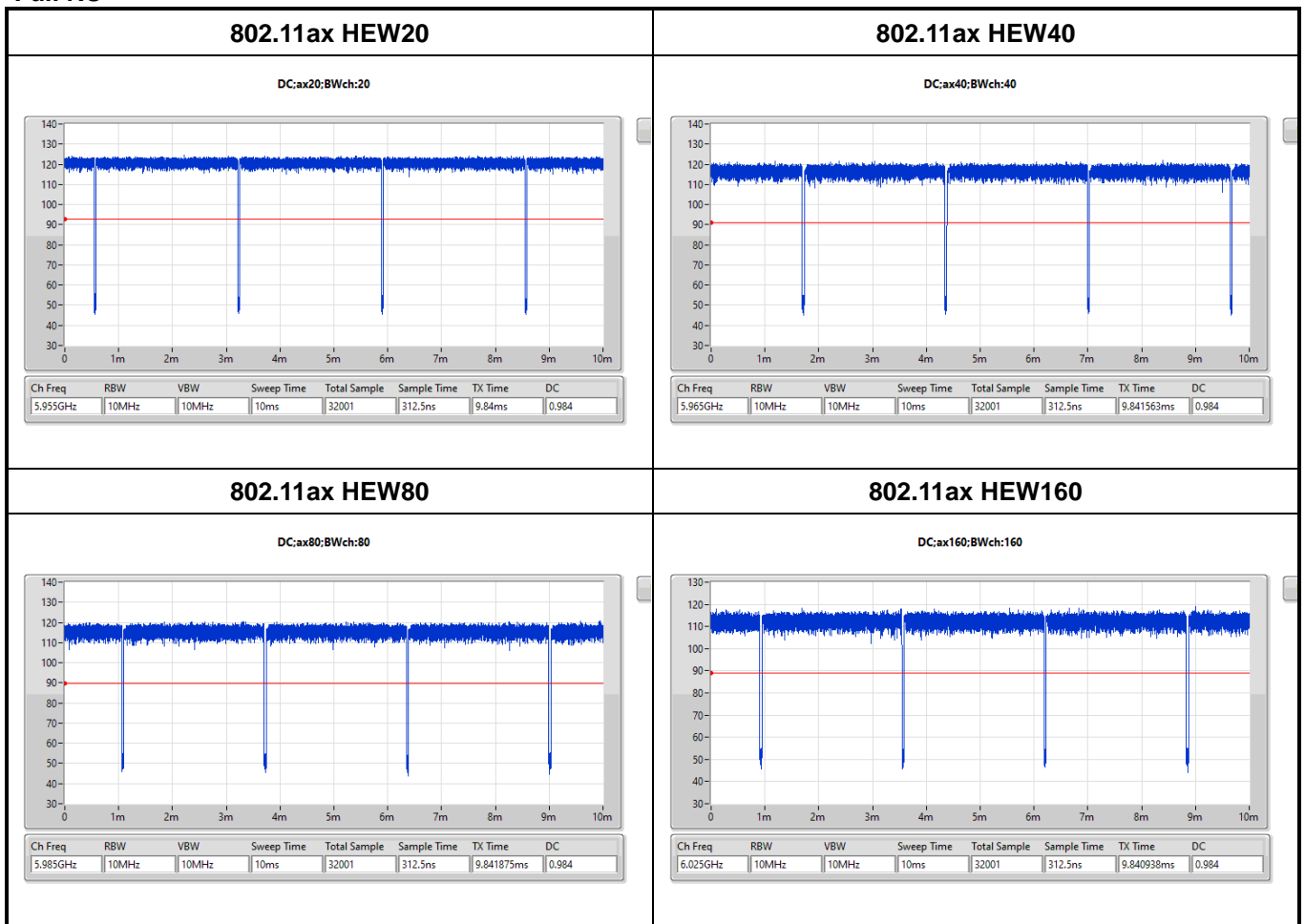
1.1.4 Mode Test Duty Cycle

Full RU

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Full RU





Partial RU

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_1TX(Port1)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_1TX(Port2)	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160_Nss1,(MCS0)_2TX	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Partial RU





1.2 Applicable Standards

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

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

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

- ♦ KDB 987594 D01 v01r02
- ♦ KDB 987594 D02 v01r01
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/>	Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)		
		TEL: 886-3-327-3456	FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	21.0~22.1°C / 51~56%	12/Jan/2023
RF Conducted	TH06-HY	Jin Jing	21.8~23.6°C / 52~68%	23/Jan/2023~23/May/2023
Contention-Based Protocol	DFS01-HY	John Yang	21.9~23.1°C / 49~54%	04/Mar/2023
<input checked="" type="checkbox"/>	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego Lin	22.8~23.5°C / 50~54%	12/Jan/2023~27/May/2023
Radiated (Co-location)	03CH09-HY	Edward Wang	22.2~23.4°C / 50~52%	05/Jun/2023



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 Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Contention-Based Protocol	1 ms	Confidence levels of 95%
Frequency Stability	1.18 ppm	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Full RU

Test Software Version	DRTU Version: DRTU.03227.22.190.0
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Partial RU




Test Software Version	DRTU Version: DRTU.03227.22.190.0
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2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter Mode
2	Adapter Mode (Full Port)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.) Contention Based Protocol Frequency Stability
Test Condition	Conducted measurement at transmit chains

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		
1	Adapter Mode		
2	Adapter Mode (Full Port)		
Operating Mode > 1GHz	CTX		
Three EUT configure modes were pretest, only the worst case was performed and recorded in this test report. EUT configure modes are described in the operational description.			
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	2.4GHz WLAN + Bluetooth
2	5GHz WLAN + Bluetooth
3	5.9GHz WLAN + Bluetooth
4	6GHz WLAN + Bluetooth
Refer to Sporton Test Report No.: FA310101 for Co-location RF Exposure Evaluation and Appendix H for Radiated Emission Co-location.	

2.3 Accessories

Adapter 1	Brand Name	Microsoft	Model Name	1932
	Manufacturer	Chicony	SN	-
	Power Rating	I/P:100-240Vac,1.91A,O/P:15.0Vdc,8.0A,120.0W,5.0Vdc,1.5A,7.5W		
Adapter 2	Brand Name	Microsoft	Model Name	1798
	Manufacturer	Chicony	SN	-
	Power Rating	I/P:100-240Vac,1.5A,O/P:15.0Vdc,6.33A,95.0W,5.0Vdc,1.5A,7.5W		
Power Cord 1	Brand Name	Volex (Asia) Pte Ltd	Model Name	X908885
Power Cord 2	Brand Name	WELL SHIN TECHNOLOGY CO.,LTD	Model Name	X908885
Stylus	Brand Name	Microsoft	Model Name	1962
Battery 1	Brand Name	SMP	Model Name	G3HTA071H
Battery 2	Brand Name	SMP	Model Name	G3HTA072H

Reminder: Regarding to more detail and other information, please refer to user manual.



2.4 Support Equipment

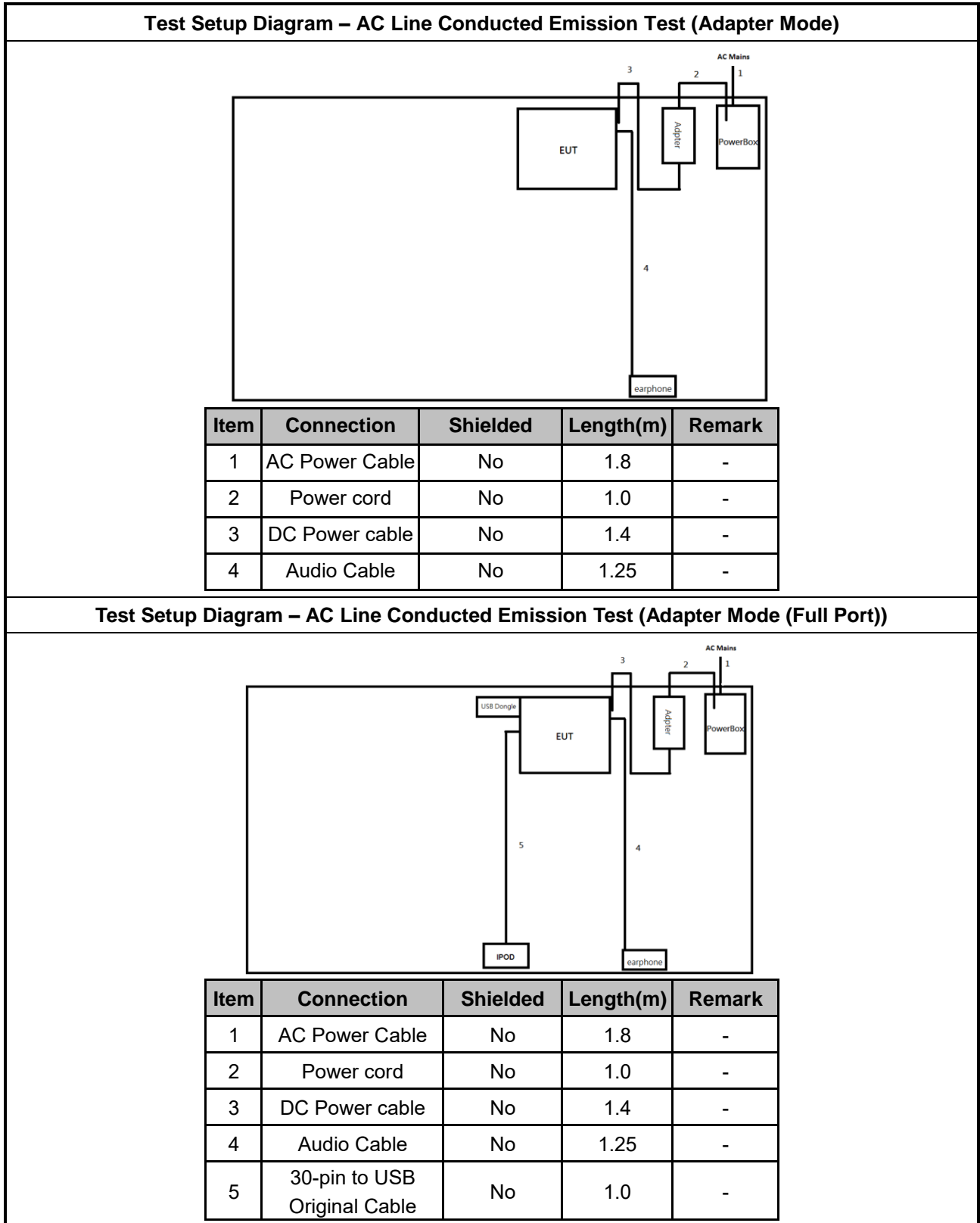
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	iPod	Apple	A1199	-	-
2	30-pin to USB Original cable	Apple	MA591GC	-	-
3	Earphone	Apple	MD827FE/A	-	-
4	USB Dongle*2	SanDisk	SDDDC4	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Mouse	lenovo	MOGOUO	-	-
2	Earphone	EDSDS	EDS-C438	-	-
3	iPod	Apple	A1199	-	-
4	USB Dongle*2	SanDisk	SDDDC4	-	-

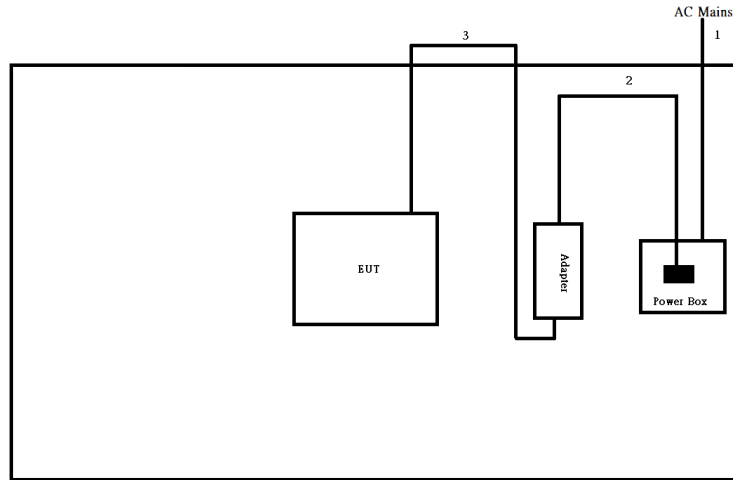
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Dell	E5410	-	-
2	Adapter for NB	Dell	HA65NM130	-	-

Support Equipment – Contention-Based Protocol					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AP (Master)	NETGEAR	RAXE500	-	-

2.5 Test Setup Diagram

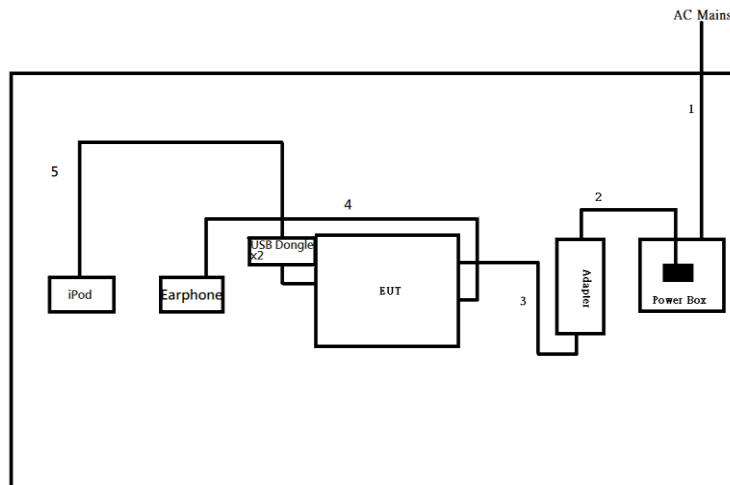


Test Setup Diagram - Radiated Test (Adapter Mode)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	AC Power Cable	No	1.0	-
3	DC Power cable	No	1.4	-

Test Setup Diagram - Radiated Test(Adapter Mode (Full Port))



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	AC Power Cable	No	1.0	-
3	DC Power cable	No	1.4	-
4	Audio Cable	No	1.25	-
5	30-pin to USB Original Cable	No	1.25	-



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

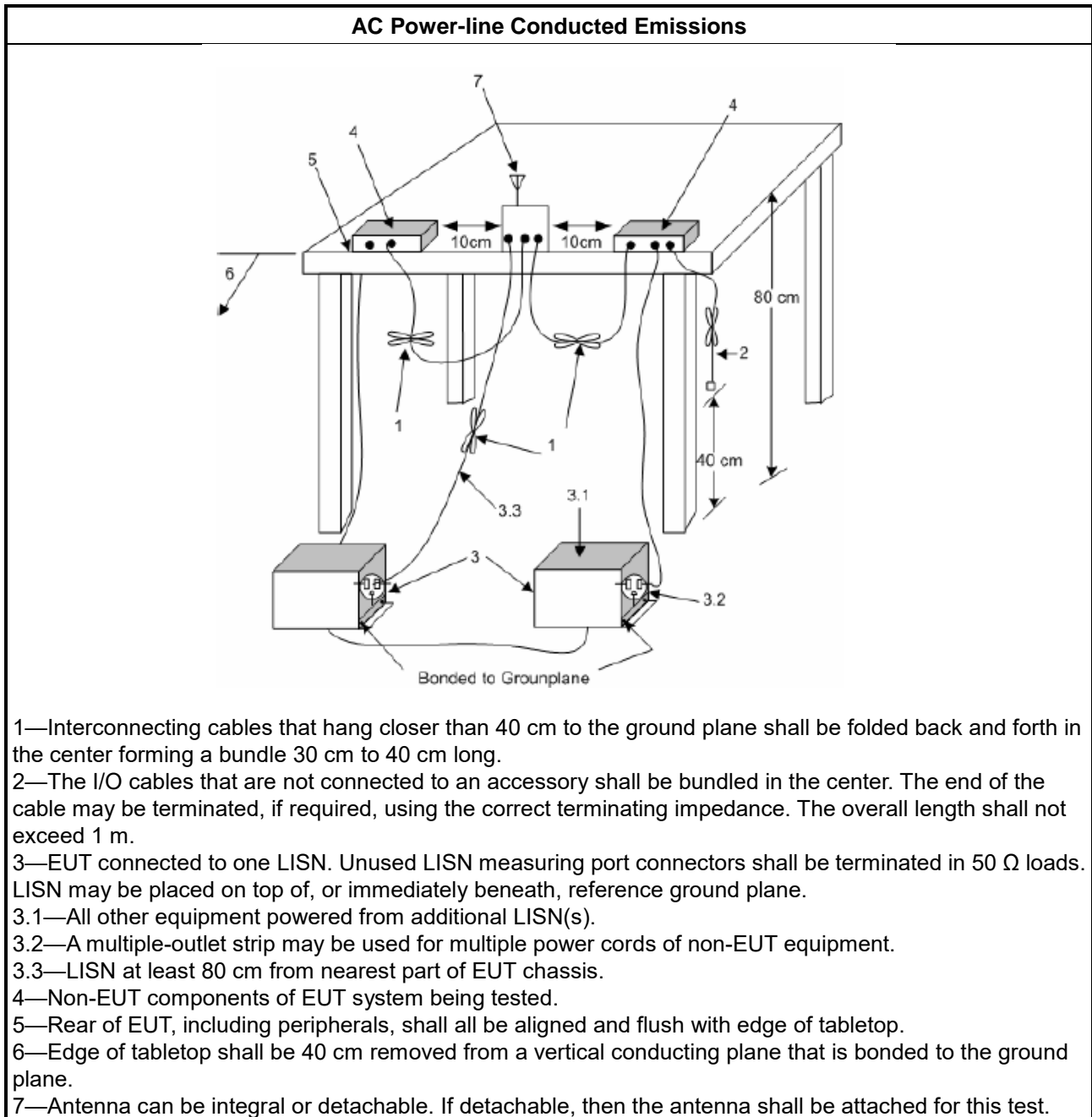
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



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	
<input checked="" type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6875-7125 GHz band, N/A

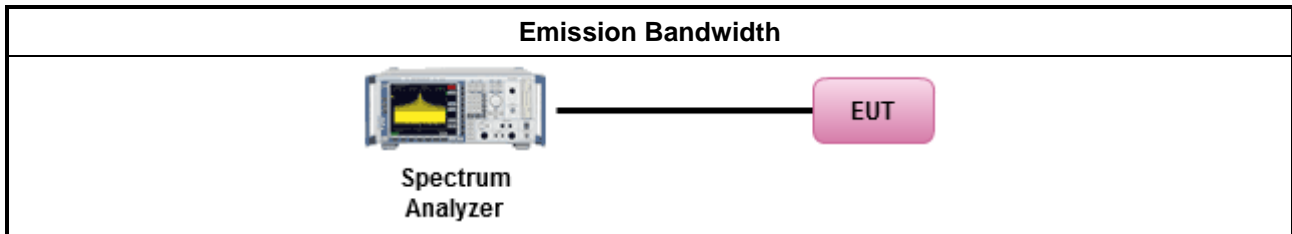
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: 	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 6.7 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	
<input checked="" type="checkbox"/>	For the 5.925 ~ 6.425 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ 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.
<input checked="" type="checkbox"/>	For the 6.425 ~ 6.525 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ 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.
<input checked="" type="checkbox"/>	For the 6.525 ~ 6.875 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ 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.
<input checked="" type="checkbox"/>	For the 6.875 ~ 7.125 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> ▪ 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.

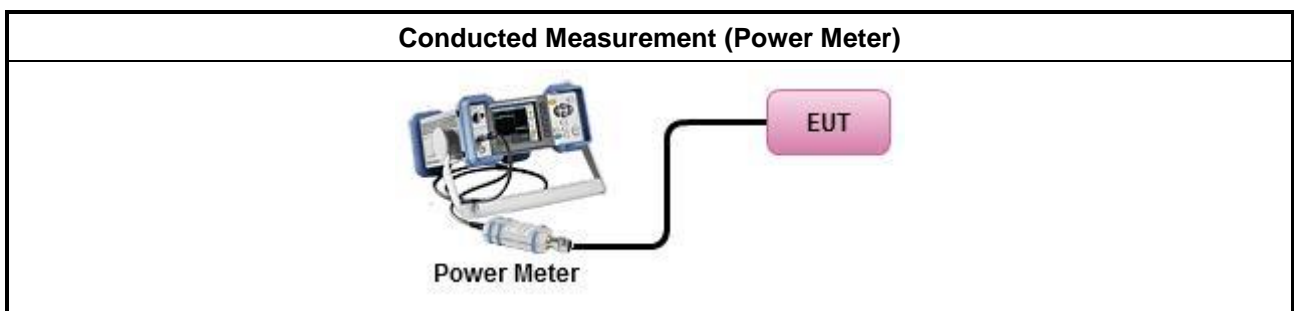
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Maximum Output Power Setting 	
	Duty cycle ≥ 98%
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method PM-G (using an RF average power meter).
<input checked="" type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> 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]) $EIRP_{total} = P_{total} + DG$
<input type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing" Refer as KDB 412172, clause 2.2 for EIRP calculation.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Equivalent Isotropically 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	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
<input type="checkbox"/>	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
<input type="checkbox"/>	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
<input type="checkbox"/>	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
<input type="checkbox"/>	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
<input type="checkbox"/>	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
<input type="checkbox"/>	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
<input type="checkbox"/>	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
<input type="checkbox"/>	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
<input type="checkbox"/>	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
<input type="checkbox"/>	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
<input type="checkbox"/>	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
<input type="checkbox"/>	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
<input checked="" type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
<input type="checkbox"/>	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
<input type="checkbox"/>	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.

3.4.2 Measuring Instruments

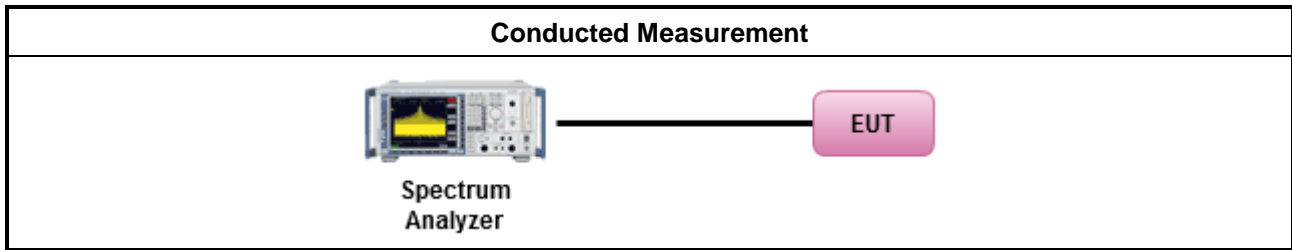
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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: 	
	<input type="checkbox"/> Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	<input checked="" type="checkbox"/> Refer as KDB 789033, clause E Method SA-2. (spectral trace averaging)
	<input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input checked="" type="checkbox"/> For conducted measurement.	
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: 	
	<input type="checkbox"/> 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.
	<input checked="" type="checkbox"/> 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,
	<input type="checkbox"/> 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.
<ul style="list-style-type: none"> ▪ 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]) $EIRP_{total} = PPSD_{total} + DG$ 	
<input type="checkbox"/> For radiated measurement.	
<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. 	
<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing" 	
<ul style="list-style-type: none"> ▪ Refer as KDB 412172, clause 2.2 for EIRP calculation. 	

3.4.4 Test Setup



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

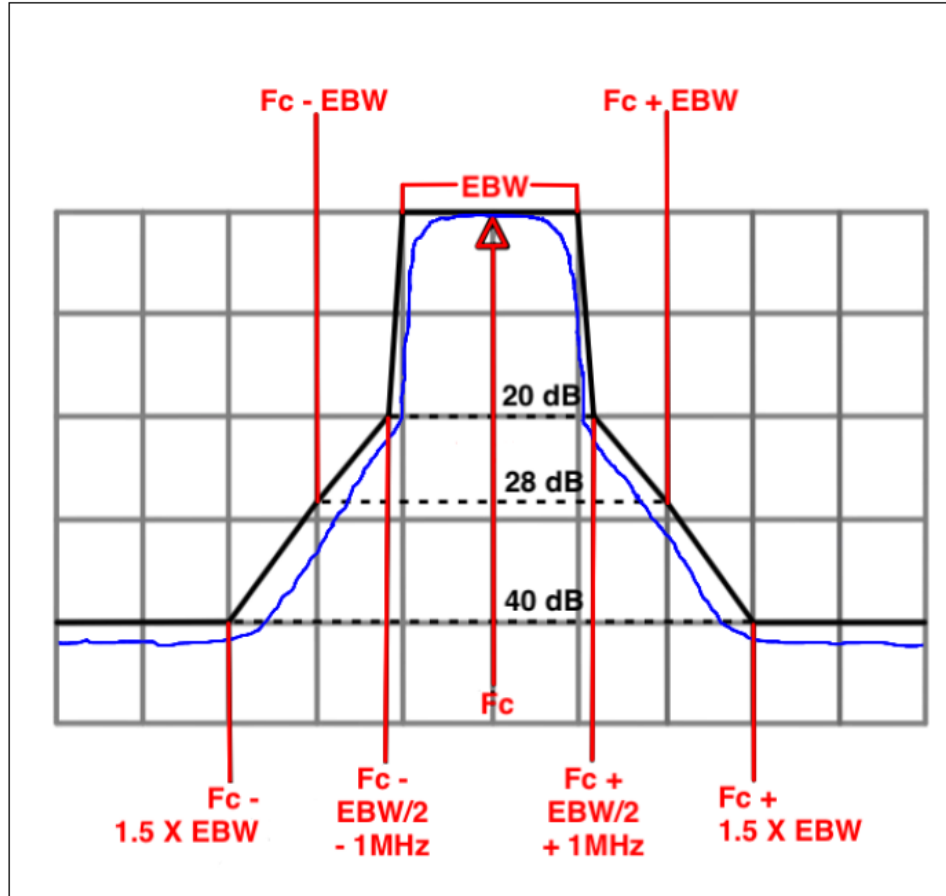
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{ dBuV/m at 1m}$.
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. The channel bandwidth is defined as 26 dB EBW.





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> ▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	<input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	<input type="checkbox"/> Refer as KDB 789033, G)6) Method VB (Reduced VBW).
	<input checked="" type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) measurement procedure peak limit.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
	<input checked="" type="checkbox"/> Refer as KDB 789033, clause G)3)d)iii) for Band edge Integration measurements.
<ul style="list-style-type: none"> ▪ For emission MASK shall be measured using following options below: 	
	<input checked="" type="checkbox"/> Refer as KDB 987594 D02, J) In-Band Emissions
<ul style="list-style-type: none"> ▪ For radiated measurement. 	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported. 	

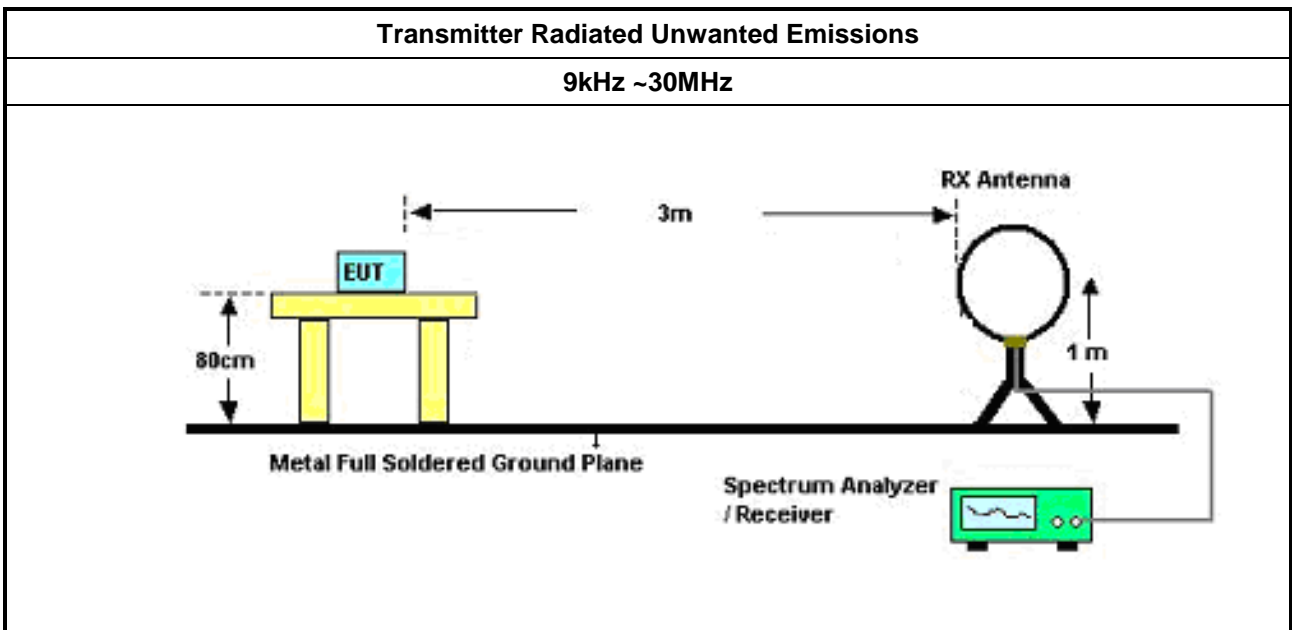
<ul style="list-style-type: none"> Use the following spectrum analyzer settings: 	
	<ul style="list-style-type: none"> Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
<ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification. 	
	<ul style="list-style-type: none"> Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	<ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

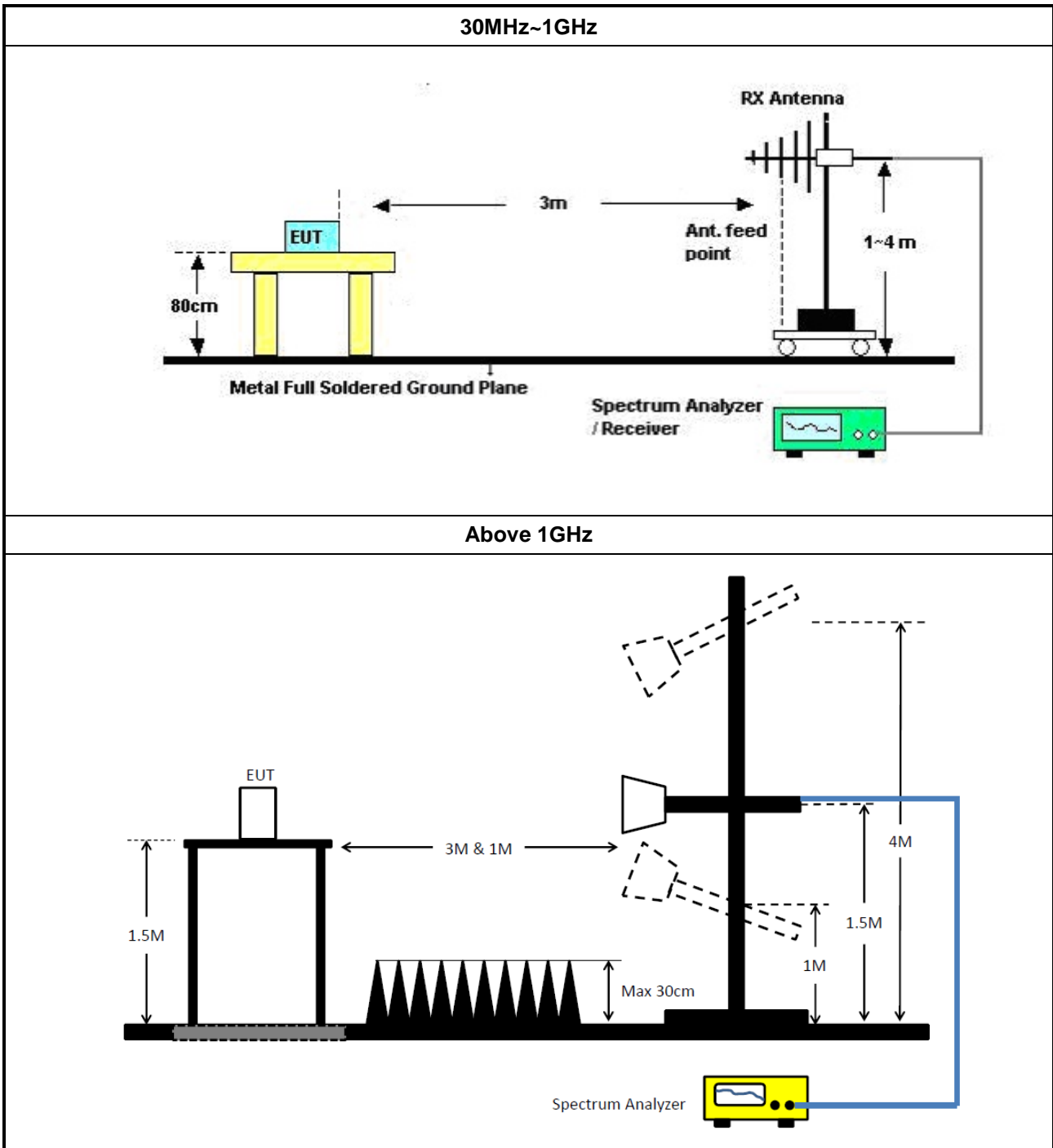
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement. The parallel orientation was found to be the worst case scenario. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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.

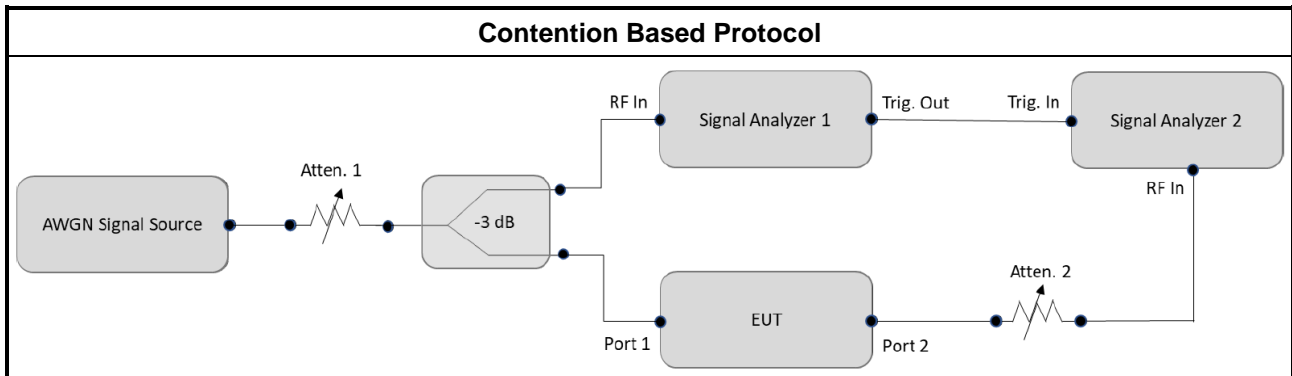
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
<input type="checkbox"/>	For Contention Based Protocol shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as KDB 987594 D02, I) Contention Based Protocol.

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.

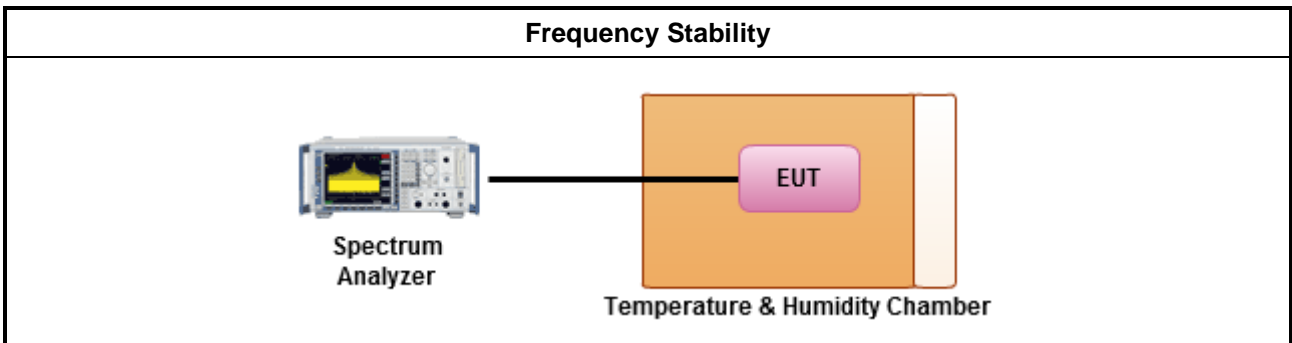
3.7.2 Measuring Instruments

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 for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	29/Mar/2023	28/Mar/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	29/Mar/2023	28/Mar/2024
SENSE-15407_NII	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Contention-Based Protocol Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP30	100793	9 kHz ~ 30GHz	13/Jun/2022	12/Jun/2023
Vector Signal Generator	Keysight	N5182B	MY53051912	9kHz~6GHz	26/Dec/2022	25/Dec/2023
Signal Generator	Keysight	N5171B	MY53051240	9kHz~6GHz	24/Nov/2022	23/Nov/2023
DFS-Adaptivity	Sporton	Ver 2.7	N/A	N/A	N/A	N/A
Adaptivity Analysis-5G	Sporton	Ver 2.8	N/A	N/A	N/A	N/A



Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	30/Dec/2022	29/Dec/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	21/Feb/2023	20/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	25/Mar/2023	24/Mar/2024
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	V5.11	NA	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	14/Mar/2023	13/Mar/2024
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	30/Dec/2022	29/Dec/2023
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	07/Feb/2022	06/Feb/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	09/Dec/2022	08/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	22/Aug/2022	21/Aug/2023
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	23/Aug/2022	22/Aug/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	02/Nov/2022	01/Nov/2023
SENSE-15247_NII	Sporton	V5.11	N/A	N/A	N/A	N/A



Summary

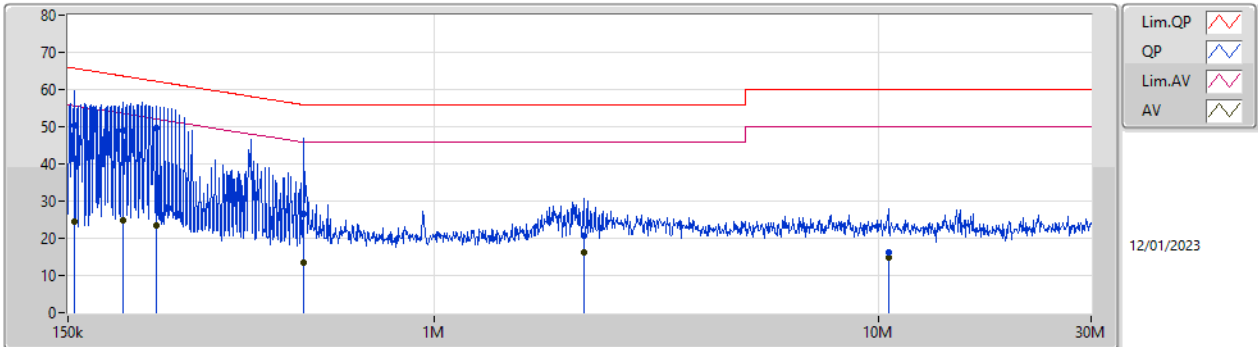
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	237.393k	49.50	62.20	-12.70	Line
Mode 2	Pass	QP	307.723k	49.80	60.03	-10.23	Neutral



Result

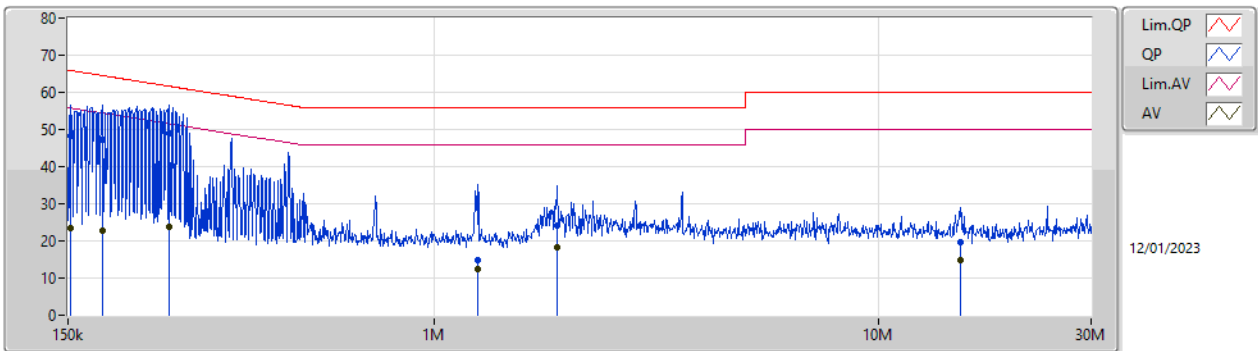
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	155.487k	50.37	65.69	-15.32	Line	-
Mode 1	Pass	AV	155.487k	24.56	55.69	-31.13	Line	-
Mode 1	Pass	QP	199.949k	48.90	63.61	-14.71	Line	-
Mode 1	Pass	AV	199.949k	24.80	53.61	-28.81	Line	-
Mode 1	Pass	QP	237.393k	49.50	62.20	-12.70	Line	-
Mode 1	Pass	AV	237.393k	23.40	52.20	-28.80	Line	-
Mode 1	Pass	QP	508.871k	26.58	56.00	-29.42	Line	-
Mode 1	Pass	AV	508.871k	13.36	46.00	-32.64	Line	-
Mode 1	Pass	QP	2.167M	20.70	56.00	-35.30	Line	-
Mode 1	Pass	AV	2.167M	16.19	46.00	-29.81	Line	-
Mode 1	Pass	QP	10.49M	16.07	60.00	-43.93	Line	-
Mode 1	Pass	AV	10.49M	14.73	50.00	-35.27	Line	-
Mode 1	Pass	QP	151.807k	48.16	65.90	-17.74	Neutral	-
Mode 1	Pass	AV	151.807k	23.48	55.90	-32.42	Neutral	-
Mode 1	Pass	QP	179.518k	47.32	64.51	-17.19	Neutral	-
Mode 1	Pass	AV	179.518k	22.74	54.51	-31.77	Neutral	-
Mode 1	Pass	QP	253.051k	48.94	61.66	-12.72	Neutral	-
Mode 1	Pass	AV	253.051k	23.87	51.66	-27.79	Neutral	-
Mode 1	Pass	QP	1.254M	14.95	56.00	-41.05	Neutral	-
Mode 1	Pass	AV	1.254M	12.46	46.00	-33.54	Neutral	-
Mode 1	Pass	QP	1.892M	23.99	56.00	-32.01	Neutral	-
Mode 1	Pass	AV	1.892M	18.27	46.00	-27.73	Neutral	-
Mode 1	Pass	QP	15.205M	19.67	60.00	-40.33	Neutral	-
Mode 1	Pass	AV	15.205M	14.66	50.00	-35.34	Neutral	-
Mode 2	Pass	QP	183.137k	48.79	64.34	-15.55	Line	-
Mode 2	Pass	AV	183.137k	28.90	54.34	-25.44	Line	-
Mode 2	Pass	QP	256.1k	50.22	61.56	-11.34	Line	-
Mode 2	Pass	AV	256.1k	34.58	51.56	-16.98	Line	-
Mode 2	Pass	QP	320.256k	48.29	59.71	-11.42	Line	-
Mode 2	Pass	AV	320.256k	25.39	49.71	-24.32	Line	-
Mode 2	Pass	QP	613.892k	37.23	56.00	-18.77	Line	-
Mode 2	Pass	AV	613.892k	24.07	46.00	-21.93	Line	-
Mode 2	Pass	QP	1.078M	36.60	56.00	-19.40	Line	-
Mode 2	Pass	AV	1.078M	22.12	46.00	-23.88	Line	-
Mode 2	Pass	QP	2.185M	30.99	56.00	-25.01	Line	-
Mode 2	Pass	AV	2.185M	20.68	46.00	-25.32	Line	-
Mode 2	Pass	QP	225.388k	49.84	62.62	-12.78	Neutral	-
Mode 2	Pass	AV	225.388k	29.09	52.62	-23.53	Neutral	-
Mode 2	Pass	QP	307.723k	49.80	60.03	-10.23	Neutral	-
Mode 2	Pass	AV	307.723k	27.64	50.03	-22.39	Neutral	-
Mode 2	Pass	QP	656.999k	40.43	56.00	-15.57	Neutral	-
Mode 2	Pass	AV	656.999k	26.44	46.00	-19.56	Neutral	-
Mode 2	Pass	QP	1.044M	39.26	56.00	-16.74	Neutral	-
Mode 2	Pass	AV	1.044M	23.97	46.00	-22.03	Neutral	-
Mode 2	Pass	QP	7.776M	25.30	60.00	-34.70	Neutral	-
Mode 2	Pass	AV	7.776M	19.06	50.00	-30.94	Neutral	-
Mode 2	Pass	QP	15.084M	28.56	60.00	-31.44	Neutral	-
Mode 2	Pass	AV	15.084M	21.48	50.00	-28.52	Neutral	-

Conducted Emissions at Powerline_Mode 1



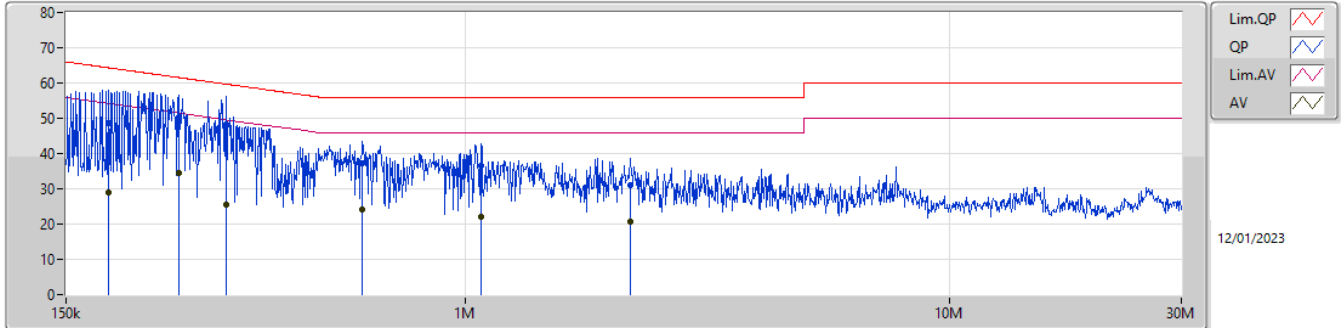
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	155.487k	50.37	65.69	-15.32	19.65	Line	-	30.72	9.69	0.03	9.93
AV	155.487k	24.56	55.69	-31.13	19.65	Line	-	4.91	9.69	0.03	9.93
QP	199.949k	48.90	63.61	-14.71	19.65	Line	-	29.25	9.69	0.03	9.93
AV	199.949k	24.80	53.61	-28.81	19.65	Line	-	5.15	9.69	0.03	9.93
QP	237.393k	49.50	62.20	-12.70	19.66	Line	-	29.84	9.69	0.03	9.94
AV	237.393k	23.40	52.20	-28.80	19.66	Line	-	3.74	9.69	0.03	9.94
QP	508.871k	26.58	56.00	-29.42	19.67	Line	-	6.91	9.68	0.04	9.95
AV	508.871k	13.36	46.00	-32.64	19.67	Line	-	-6.31	9.68	0.04	9.95
QP	2.167M	20.70	56.00	-35.30	19.73	Line	-	0.97	9.70	0.09	9.94
AV	2.167M	16.19	46.00	-29.81	19.73	Line	-	-3.54	9.70	0.09	9.94
QP	10.49M	16.07	60.00	-43.93	19.96	Line	-	-3.89	9.81	0.19	9.96
AV	10.49M	14.73	50.00	-35.27	19.96	Line	-	-5.23	9.81	0.19	9.96

Conducted Emissions at Powerline_Mode 1



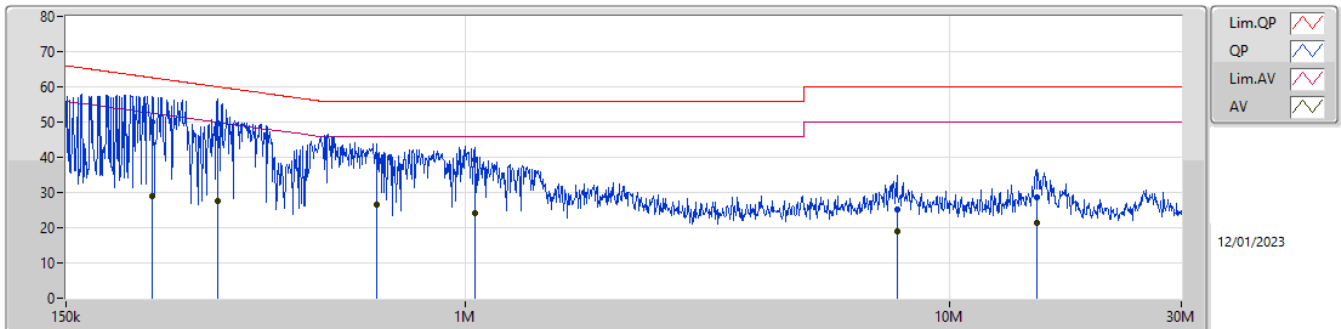
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	151.807k	48.16	65.90	-17.74	19.69	Neutral	-	28.47	9.73	0.03	9.93
AV	151.807k	23.48	55.90	-32.42	19.69	Neutral	-	3.79	9.73	0.03	9.93
QP	179.518k	47.32	64.51	-17.19	19.68	Neutral	-	27.64	9.72	0.03	9.93
AV	179.518k	22.74	54.51	-31.77	19.68	Neutral	-	3.06	9.72	0.03	9.93
QP	253.051k	48.94	61.66	-12.72	19.69	Neutral	-	29.25	9.72	0.03	9.94
AV	253.051k	23.87	51.66	-27.79	19.69	Neutral	-	4.18	9.72	0.03	9.94
QP	1.254M	14.95	56.00	-41.05	19.73	Neutral	-	-4.78	9.73	0.06	9.94
AV	1.254M	12.46	46.00	-33.54	19.73	Neutral	-	-7.27	9.73	0.06	9.94
QP	1.892M	23.99	56.00	-32.01	19.76	Neutral	-	4.23	9.74	0.08	9.94
AV	1.892M	18.27	46.00	-27.73	19.76	Neutral	-	-1.49	9.74	0.08	9.94
QP	15.205M	19.67	60.00	-40.33	20.16	Neutral	-	-0.49	9.95	0.24	9.97
AV	15.205M	14.66	50.00	-35.34	20.16	Neutral	-	-5.50	9.95	0.24	9.97

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	183.137k	48.79	64.34	-15.55	19.65	Line	-	29.14	9.69	0.03	9.93
AV	183.137k	28.90	54.34	-25.44	19.65	Line	-	9.25	9.69	0.03	9.93
QP	256.1k	50.22	61.56	-11.34	19.66	Line	-	30.56	9.69	0.03	9.94
AV	256.1k	34.58	51.56	-16.98	19.66	Line	-	14.92	9.69	0.03	9.94
QP	320.256k	48.29	59.71	-11.42	19.67	Line	-	28.62	9.68	0.04	9.95
AV	320.256k	25.39	49.71	-24.32	19.67	Line	-	5.72	9.68	0.04	9.95
QP	613.892k	37.23	56.00	-18.77	19.67	Line	-	17.56	9.68	0.04	9.95
AV	613.892k	24.07	46.00	-21.93	19.67	Line	-	4.40	9.68	0.04	9.95
QP	1.078M	36.60	56.00	-19.40	19.67	Line	-	16.93	9.68	0.05	9.94
AV	1.078M	22.12	46.00	-23.88	19.67	Line	-	2.45	9.68	0.05	9.94
QP	2.185M	30.99	56.00	-25.01	19.73	Line	-	11.26	9.70	0.09	9.94
AV	2.185M	20.68	46.00	-25.32	19.73	Line	-	0.95	9.70	0.09	9.94

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	225.388k	49.84	62.62	-12.78	19.69	Neutral	-	30.15	9.72	0.03	9.94
AV	225.388k	29.09	52.62	-23.53	19.69	Neutral	-	9.40	9.72	0.03	9.94
QP	307.723k	49.80	60.03	-10.23	19.71	Neutral	-	30.09	9.72	0.04	9.95
AV	307.723k	27.64	50.03	-22.39	19.71	Neutral	-	7.93	9.72	0.04	9.95
QP	656.999k	40.43	56.00	-15.57	19.73	Neutral	-	20.70	9.73	0.05	9.95
AV	656.999k	26.44	46.00	-19.56	19.73	Neutral	-	6.71	9.73	0.05	9.95
QP	1.044M	39.26	56.00	-16.74	19.72	Neutral	-	19.54	9.73	0.05	9.94
AV	1.044M	23.97	46.00	-22.03	19.72	Neutral	-	4.25	9.73	0.05	9.94
QP	7.776M	25.30	60.00	-34.70	19.97	Neutral	-	5.33	9.85	0.17	9.95
AV	7.776M	19.06	50.00	-30.94	19.97	Neutral	-	-0.91	9.85	0.17	9.95
QP	15.084M	28.56	60.00	-31.44	20.16	Neutral	-	8.40	9.95	0.24	9.97
AV	15.084M	21.48	50.00	-28.52	20.16	Neutral	-	1.32	9.95	0.24	9.97



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	24.948M	19.07M	19M1D1D	24.882M	19.04M
802.11ax HEW20_Nss1,(MCS0)_1TX	24.882M	19.07M	19M1D1D	23.958M	19.04M
802.11ax HEW20_Nss1,(MCS0)_2TX	25.674M	19.16M	19M2D1D	24.09M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.692M	37.901M	37M9D1D	42.9M	37.841M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.956M	37.961M	38MOD1D	42.504M	37.901M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.484M	37.961M	38MOD1D	43.692M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.688M	76.762M	76M8D1D	82.632M	76.762M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.688M	77.001M	77MOD1D	82.632M	76.642M
802.11ax HEW80_Nss1,(MCS0)_2TX	84.48M	77.001M	77MOD1D	82.104M	76.642M
802.11ax HEW160_Nss1,(MCS0)_1TX	163.68M	154.723M	155MD1D	163.152M	154.003M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.208M	154.723M	155MD1D	163.68M	154.483M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.736M	154.963M	155MD1D	163.152M	154.003M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	24.816M	19.1M	19M1D1D	24.486M	19.07M
802.11ax HEW20_Nss1,(MCS0)_1TX	24.816M	19.13M	19M1D1D	24.354M	19.07M
802.11ax HEW20_Nss1,(MCS0)_2TX	25.476M	19.19M	19M2D1D	24.75M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	44.088M	37.961M	38MOD1D	43.692M	37.841M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.692M	37.961M	38MOD1D	43.164M	37.901M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.088M	37.961M	38MOD1D	43.164M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.16M	76.762M	76M8D1D	82.896M	76.762M
802.11ax HEW80_Nss1,(MCS0)_1TX	85.8M	77.001M	77MOD1D	83.952M	76.762M
802.11ax HEW80_Nss1,(MCS0)_2TX	83.952M	76.882M	76M9D1D	82.896M	76.762M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.208M	154.963M	155MD1D	164.208M	154.963M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.208M	155.202M	155MD1D	164.208M	155.202M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.736M	154.723M	155MD1D	163.152M	154.723M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	24.486M	19.1M	19M1D1D	24.024M	19.07M
802.11ax HEW20_Nss1,(MCS0)_1TX	24.552M	19.13M	19M1D1D	24.42M	19.07M
802.11ax HEW20_Nss1,(MCS0)_2TX	25.08M	19.19M	19M2D1D	24.288M	19.1M
802.11ax HEW40_Nss1,(MCS0)_1TX	45.672M	37.961M	38MOD1D	43.032M	37.901M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.824M	37.901M	37M9D1D	42.24M	37.901M
802.11ax HEW40_Nss1,(MCS0)_2TX	44.22M	37.961M	38MOD1D	43.032M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	84.216M	76.882M	76M9D1D	83.16M	76.762M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.424M	76.882M	76M9D1D	82.896M	76.882M
802.11ax HEW80_Nss1,(MCS0)_2TX	84.744M	77.001M	77MOD1D	81.84M	76.642M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.736M	155.202M	155MD1D	164.208M	154.723M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.208M	155.922M	156MD1D	163.68M	155.202M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.736M	155.202M	155MD1D	163.68M	154.723M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	25.212M	19.19M	19M2D1D	24.156M	19.04M
802.11ax HEW20_Nss1,(MCS0)_1TX	25.938M	19.22M	19M2D1D	23.958M	19.07M
802.11ax HEW20_Nss1,(MCS0)_2TX	132M	25.487M	25M5D1D	24.816M	19.16M
802.11ax HEW40_Nss1,(MCS0)_1TX	44.088M	38.021M	38MOD1D	43.296M	37.901M
802.11ax HEW40_Nss1,(MCS0)_1TX	44.616M	38.021M	38MOD1D	43.164M	37.901M
802.11ax HEW40_Nss1,(MCS0)_2TX	43.824M	38.021M	38MOD1D	42.768M	37.901M
802.11ax HEW80_Nss1,(MCS0)_1TX	83.952M	77.001M	77MOD1D	83.688M	76.882M
802.11ax HEW80_Nss1,(MCS0)_1TX	84.216M	76.762M	76M8D1D	83.688M	76.762M
802.11ax HEW80_Nss1,(MCS0)_2TX	85.8M	77.001M	77MOD1D	82.896M	76.762M
802.11ax HEW160_Nss1,(MCS0)_1TX	164.208M	154.723M	155MD1D	164.208M	154.723M
802.11ax HEW160_Nss1,(MCS0)_1TX	162.624M	154.963M	155MD1D	162.624M	154.963M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.264M	154.723M	155MD1D	163.68M	154.483M

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)_1TX	-	-	-	-	-	-
5955MHz	Pass	Inf	24.882M	19.04M		
6175MHz	Pass	Inf	24.948M	19.07M		
6415MHz	Pass	Inf	24.948M	19.07M		
6435MHz	Pass	Inf	24.816M	19.1M		
6475MHz	Pass	Inf	24.684M	19.07M		
6515MHz	Pass	Inf	24.486M	19.1M		
6535MHz	Pass	Inf	24.486M	19.07M		
6695MHz	Pass	Inf	24.024M	19.1M		
6855MHz	Pass	Inf	24.354M	19.1M		
6875MHz	Pass	Inf	24.486M	19.07M		
6895MHz	Pass	Inf	24.948M	19.07M		
6995MHz	Pass	Inf	24.156M	19.04M		
7095MHz	Pass	Inf	25.014M	19.1M		
7115MHz	Pass	Inf	25.212M	19.19M		
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	Inf			24.882M	19.07M
6175MHz	Pass	Inf			24.684M	19.07M
6415MHz	Pass	Inf			23.958M	19.04M
6435MHz	Pass	Inf			24.816M	19.1M
6475MHz	Pass	Inf			24.75M	19.13M
6515MHz	Pass	Inf			24.354M	19.07M
6535MHz	Pass	Inf			24.486M	19.07M
6695MHz	Pass	Inf			24.552M	19.1M
6855MHz	Pass	Inf			24.486M	19.07M
6875MHz	Pass	Inf			24.42M	19.13M
6895MHz	Pass	Inf			25.476M	19.1M
6995MHz	Pass	Inf			24.09M	19.07M
7095MHz	Pass	Inf			23.958M	19.07M
7115MHz	Pass	Inf			25.938M	19.22M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	24.09M	19.13M	24.618M	19.16M
6175MHz	Pass	Inf	25.674M	19.13M	25.146M	19.13M
6415MHz	Pass	Inf	25.542M	19.1M	25.41M	19.16M
6435MHz	Pass	Inf	24.816M	19.13M	25.476M	19.19M
6475MHz	Pass	Inf	25.212M	19.1M	25.08M	19.19M
6515MHz	Pass	Inf	24.882M	19.13M	24.75M	19.16M
6535MHz	Pass	Inf	24.816M	19.1M	24.288M	19.13M
6695MHz	Pass	Inf	24.618M	19.13M	24.552M	19.16M
6855MHz	Pass	Inf	25.08M	19.19M	25.08M	19.13M
6875MHz	Pass	Inf	25.014M	19.13M	25.014M	19.13M
6895MHz	Pass	Inf	24.948M	19.25M	24.816M	19.16M
6995MHz	Pass	Inf	26.598M	19.28M	26.202M	19.25M
7095MHz	Pass	Inf	26.202M	19.28M	25.674M	19.22M
7115MHz	Pass	Inf	132M	25.487M	131.934M	22.549M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5965MHz	Pass	Inf	42.9M	37.901M		
6165MHz	Pass	Inf	43.692M	37.841M		
6405MHz	Pass	Inf	43.164M	37.901M		
6445MHz	Pass	Inf	43.824M	37.961M		
6485MHz	Pass	Inf	44.088M	37.901M		
6525MHz	Pass	Inf	43.692M	37.841M		
6565MHz	Pass	Inf	43.692M	37.961M		
6685MHz	Pass	Inf	43.428M	37.901M		
6845MHz	Pass	Inf	45.672M	37.901M		

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6885MHz	Pass	Inf	43.032M	37.961M		
6925MHz	Pass	Inf	43.56M	37.901M		
7005MHz	Pass	Inf	44.088M	38.021M		
7085MHz	Pass	Inf	43.296M	37.901M		
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5965MHz	Pass	Inf			43.032M	37.901M
6165MHz	Pass	Inf			42.504M	37.901M
6405MHz	Pass	Inf			43.956M	37.961M
6445MHz	Pass	Inf			43.692M	37.961M
6485MHz	Pass	Inf			43.164M	37.961M
6525MHz	Pass	Inf			43.164M	37.901M
6565MHz	Pass	Inf			43.56M	37.901M
6685MHz	Pass	Inf			43.296M	37.901M
6845MHz	Pass	Inf			43.824M	37.901M
6885MHz	Pass	Inf			42.24M	37.901M
6925MHz	Pass	Inf			43.164M	37.901M
7005MHz	Pass	Inf			44.616M	38.021M
7085MHz	Pass	Inf			44.352M	37.961M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.824M	37.901M	44.484M	37.961M
6165MHz	Pass	Inf	43.824M	37.901M	44.22M	37.901M
6405MHz	Pass	Inf	44.088M	37.901M	43.692M	37.961M
6445MHz	Pass	Inf	43.296M	37.901M	43.824M	37.961M
6485MHz	Pass	Inf	44.088M	37.961M	43.692M	37.901M
6525MHz	Pass	Inf	43.164M	37.901M	43.296M	37.961M
6565MHz	Pass	Inf	43.824M	37.901M	44.22M	37.961M
6685MHz	Pass	Inf	43.692M	37.901M	43.56M	37.901M
6845MHz	Pass	Inf	43.56M	37.961M	44.22M	37.961M
6885MHz	Pass	Inf	43.032M	37.961M	43.692M	37.961M
6925MHz	Pass	Inf	43.824M	38.021M	43.428M	37.901M
7005MHz	Pass	Inf	43.296M	38.021M	43.428M	37.961M
7085MHz	Pass	Inf	43.692M	37.961M	42.768M	37.961M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5985MHz	Pass	Inf	82.896M	76.762M		
6145MHz	Pass	Inf	83.688M	76.762M		
6385MHz	Pass	Inf	82.632M	76.762M		
6465MHz	Pass	Inf	83.16M	76.762M		
6545MHz	Pass	Inf	82.896M	76.762M		
6625MHz	Pass	Inf	83.952M	76.882M		
6705MHz	Pass	Inf	84.216M	76.762M		
6785MHz	Pass	Inf	83.16M	76.882M		
6865MHz	Pass	Inf	83.424M	76.762M		
6945MHz	Pass	Inf	83.688M	76.882M		
7025MHz	Pass	Inf	83.952M	77.001M		
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5985MHz	Pass	Inf			83.688M	77.001M
6145MHz	Pass	Inf			82.896M	76.762M
6385MHz	Pass	Inf			82.632M	76.642M
6465MHz	Pass	Inf			85.8M	77.001M
6545MHz	Pass	Inf			83.952M	76.762M
6625MHz	Pass	Inf			83.424M	76.882M
6705MHz	Pass	Inf			83.16M	76.882M
6785MHz	Pass	Inf			82.896M	76.882M
6865MHz	Pass	Inf			83.16M	76.882M
6945MHz	Pass	Inf			84.216M	76.762M
7025MHz	Pass	Inf			83.688M	76.762M



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	83.952M	76.642M	83.16M	76.882M
6145MHz	Pass	Inf	82.896M	76.882M	82.104M	77.001M
6385MHz	Pass	Inf	83.688M	76.882M	84.48M	76.762M
6465MHz	Pass	Inf	82.896M	76.882M	83.688M	76.882M
6545MHz	Pass	Inf	83.952M	76.762M	83.424M	76.762M
6625MHz	Pass	Inf	81.84M	76.642M	81.84M	76.642M
6705MHz	Pass	Inf	84.744M	76.882M	84.48M	76.762M
6785MHz	Pass	Inf	83.952M	77.001M	83.424M	77.001M
6865MHz	Pass	Inf	83.424M	76.762M	82.368M	76.762M
6945MHz	Pass	Inf	83.424M	77.001M	82.896M	76.762M
7025MHz	Pass	Inf	83.688M	77.001M	85.8M	77.001M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.152M	154.003M		
6185MHz	Pass	Inf	163.68M	154.243M		
6345MHz	Pass	Inf	163.68M	154.723M		
6505MHz	Pass	Inf	164.208M	154.963M		
6665MHz	Pass	Inf	164.208M	155.202M		
6825MHz	Pass	Inf	164.736M	154.723M		
6985MHz	Pass	Inf	164.208M	154.723M		
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6025MHz	Pass	Inf			163.68M	154.723M
6185MHz	Pass	Inf			164.208M	154.483M
6345MHz	Pass	Inf			163.68M	154.723M
6505MHz	Pass	Inf			164.208M	155.202M
6665MHz	Pass	Inf			164.208M	155.922M
6825MHz	Pass	Inf			163.68M	155.202M
6985MHz	Pass	Inf			162.624M	154.963M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	163.68M	154.483M	163.68M	154.723M
6185MHz	Pass	Inf	163.152M	154.003M	163.68M	154.963M
6345MHz	Pass	Inf	164.736M	154.483M	163.68M	154.963M
6505MHz	Pass	Inf	163.152M	154.723M	164.736M	154.723M
6665MHz	Pass	Inf	164.208M	155.202M	164.208M	155.202M
6825MHz	Pass	Inf	164.736M	155.202M	163.68M	154.723M
6985MHz	Pass	Inf	165.264M	154.723M	163.68M	154.483M

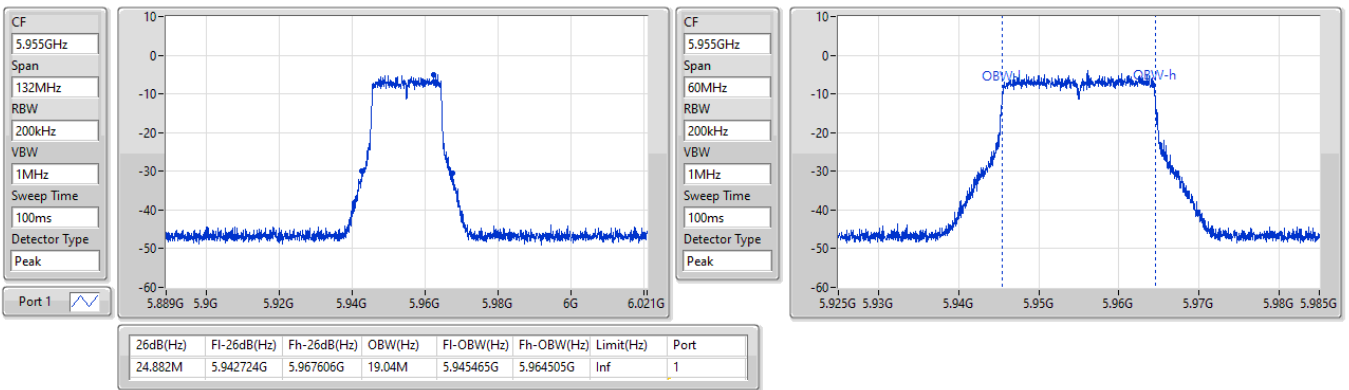
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

08/03/2023

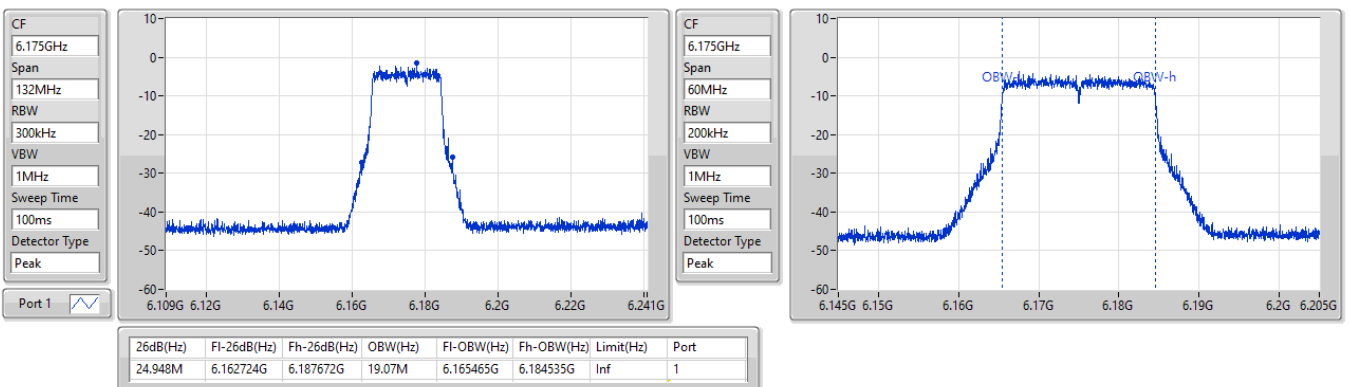


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6175MHz

08/03/2023

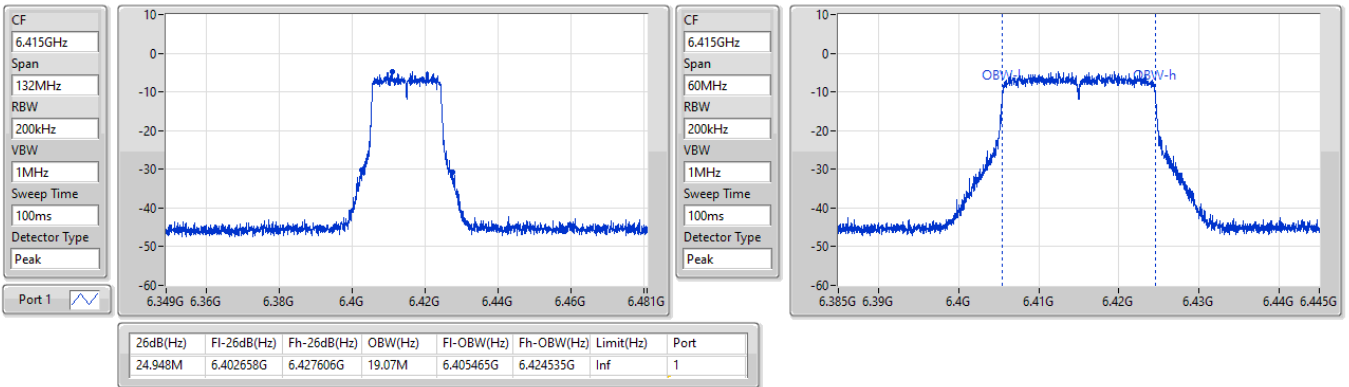


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

08/03/2023

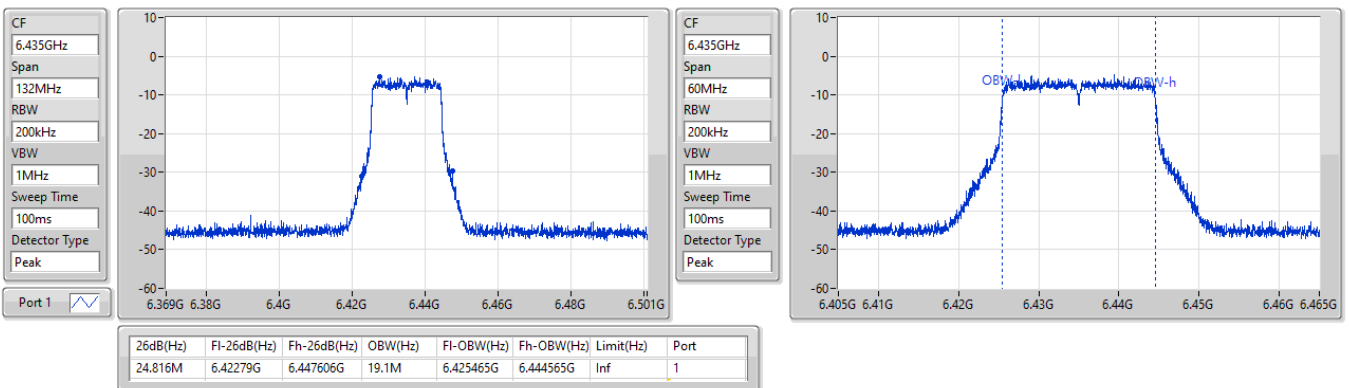


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

08/03/2023

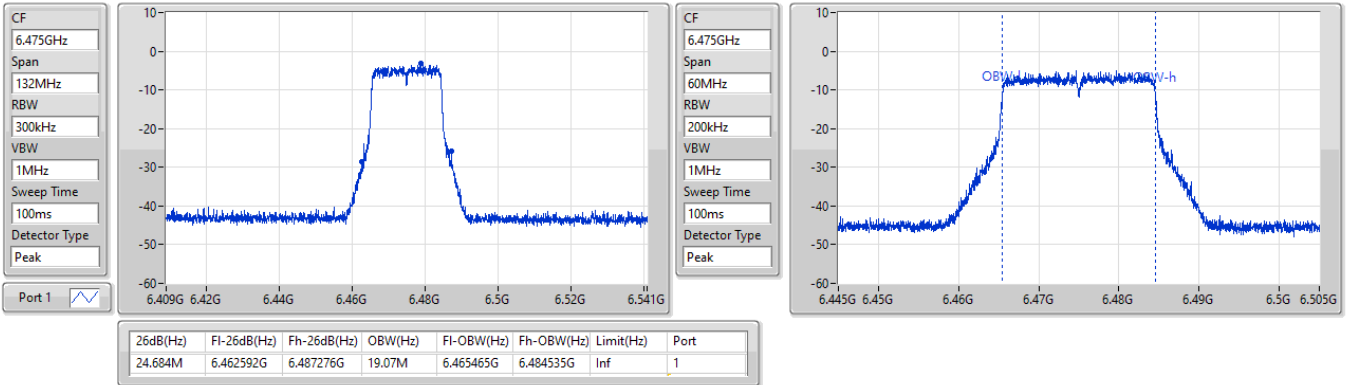


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

08/03/2023

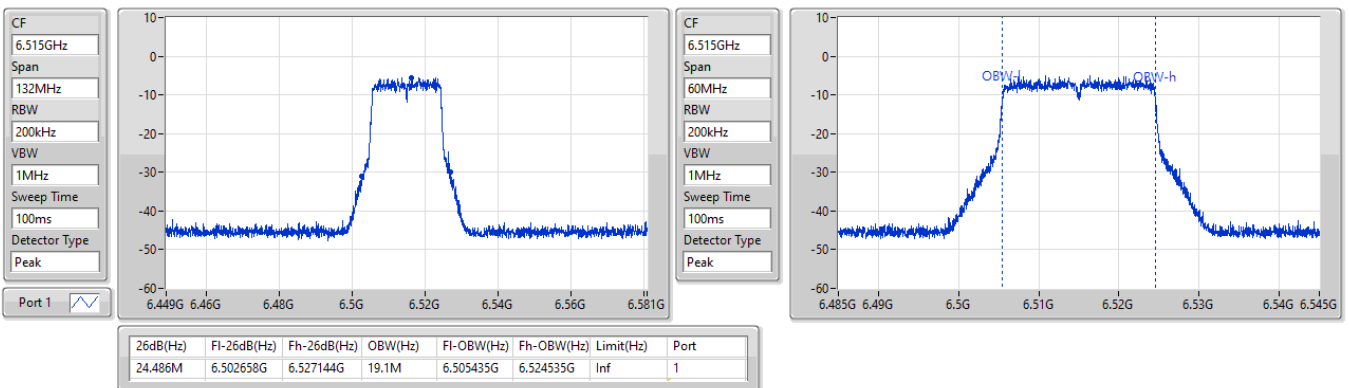


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

08/03/2023

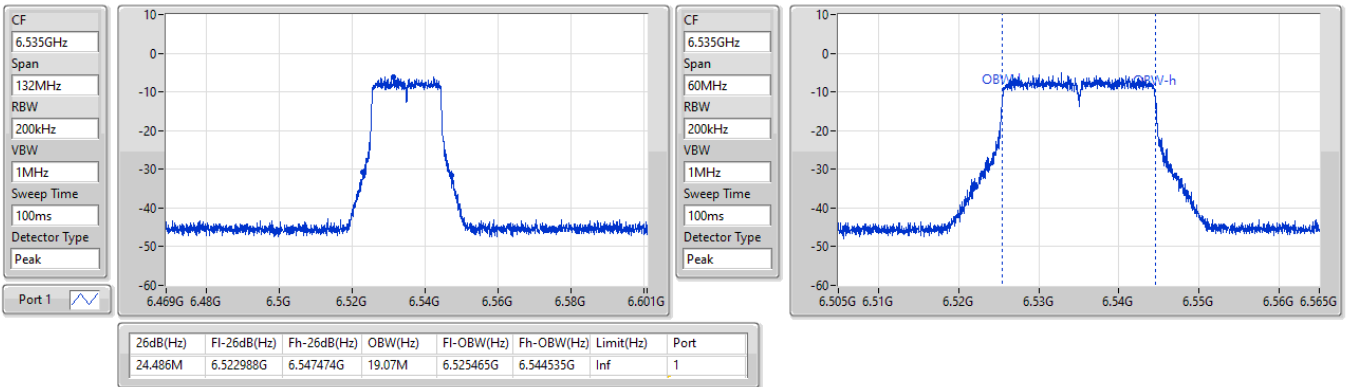


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

08/03/2023

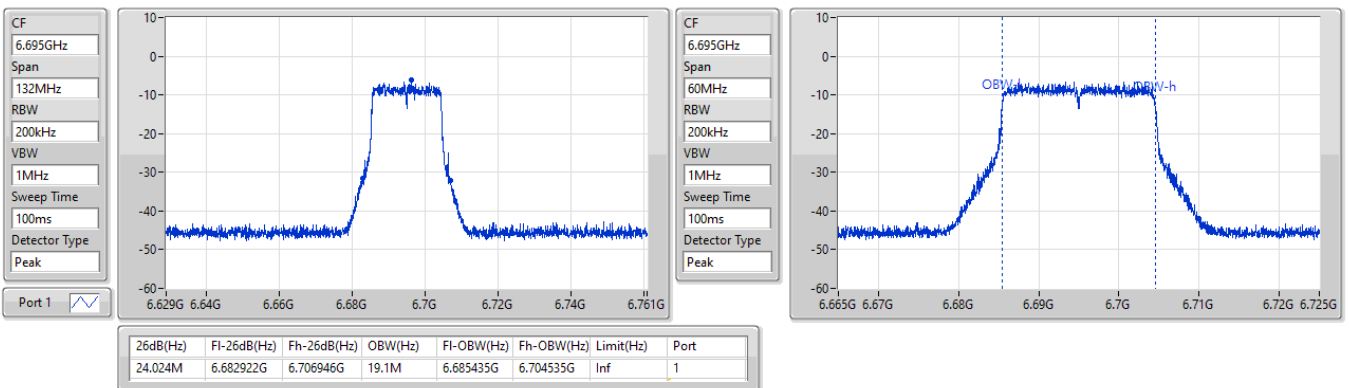


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

08/03/2023

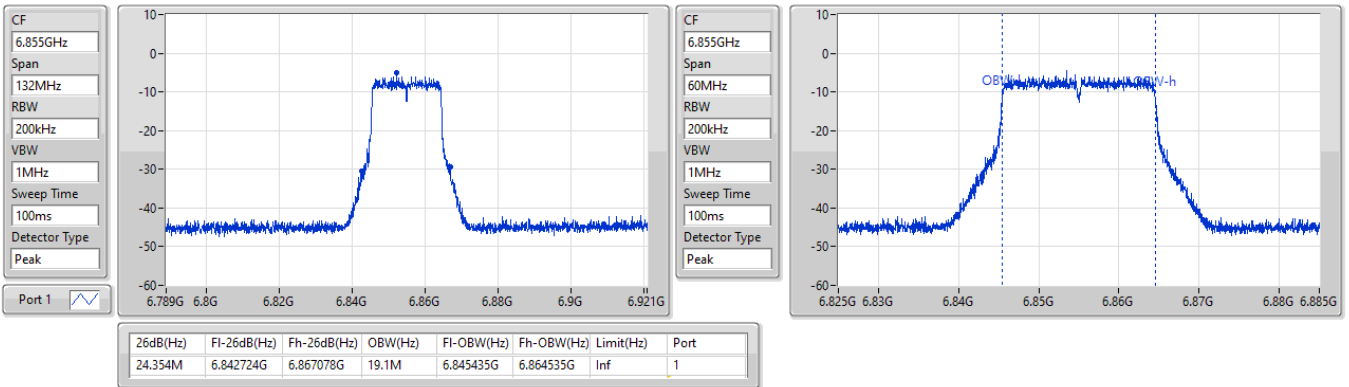


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

08/03/2023

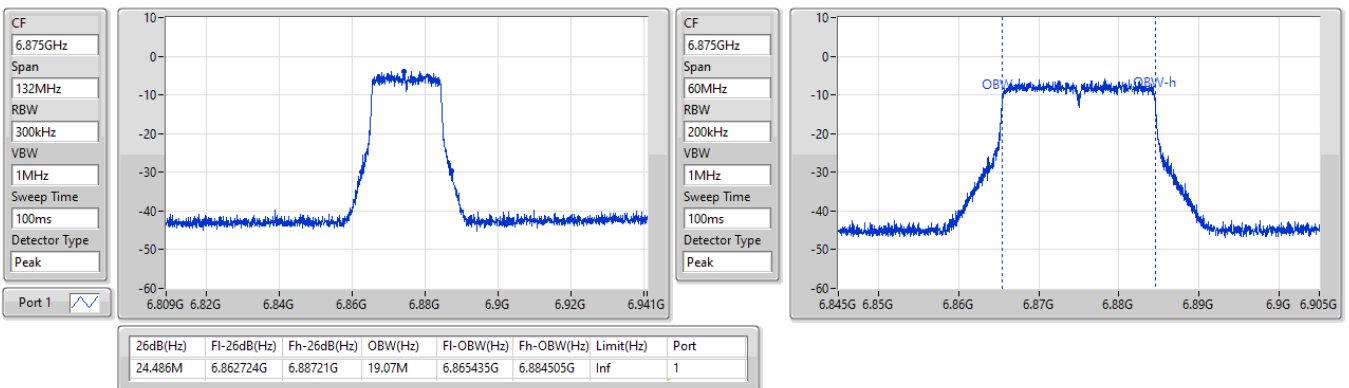


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz

08/03/2023

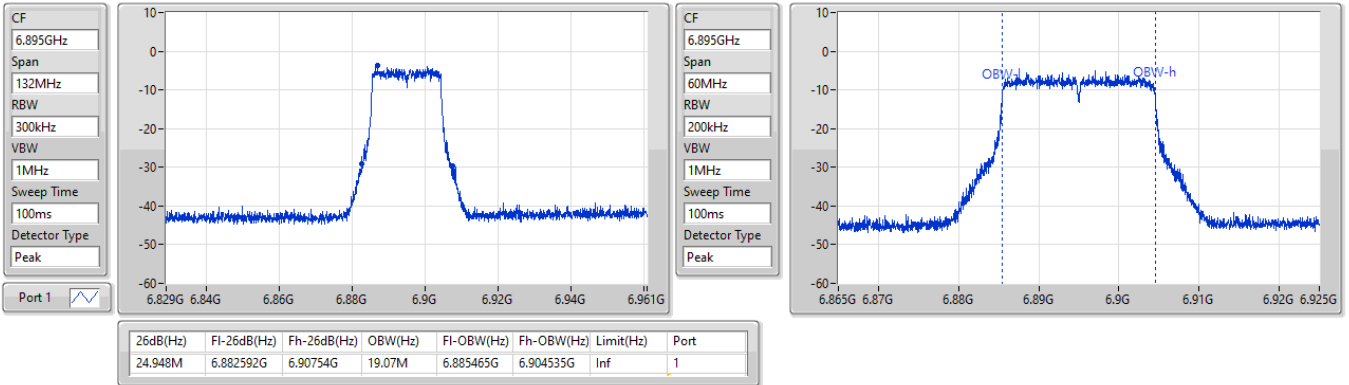


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

08/03/2023

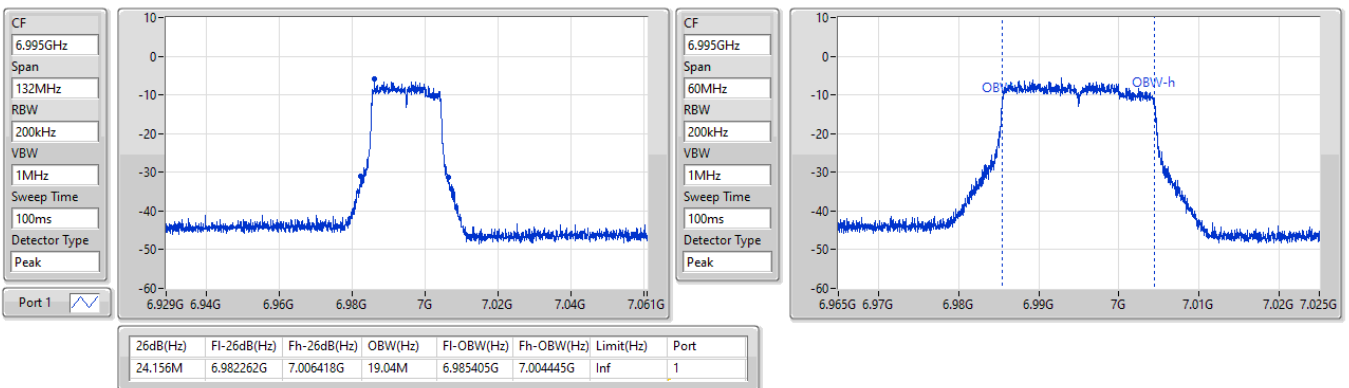


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

08/03/2023

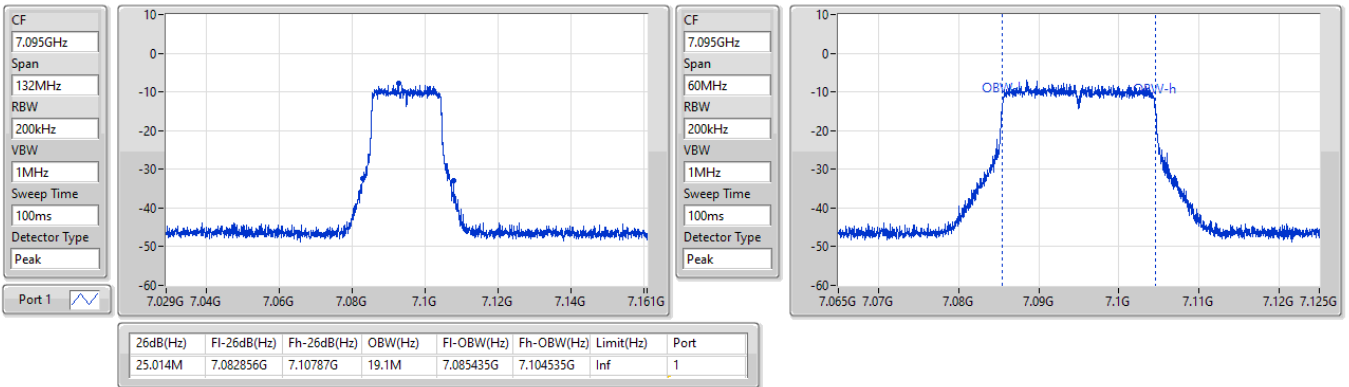


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

08/03/2023

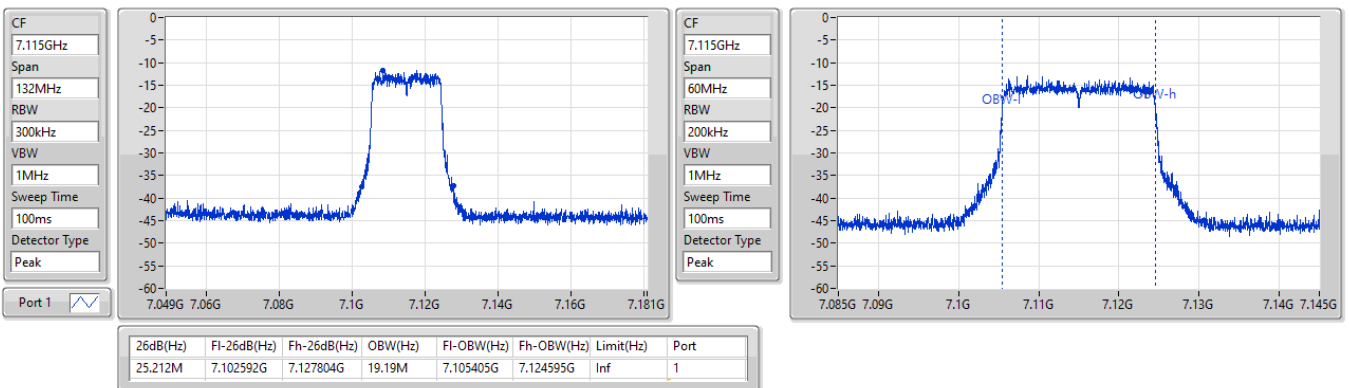


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

14/04/2023

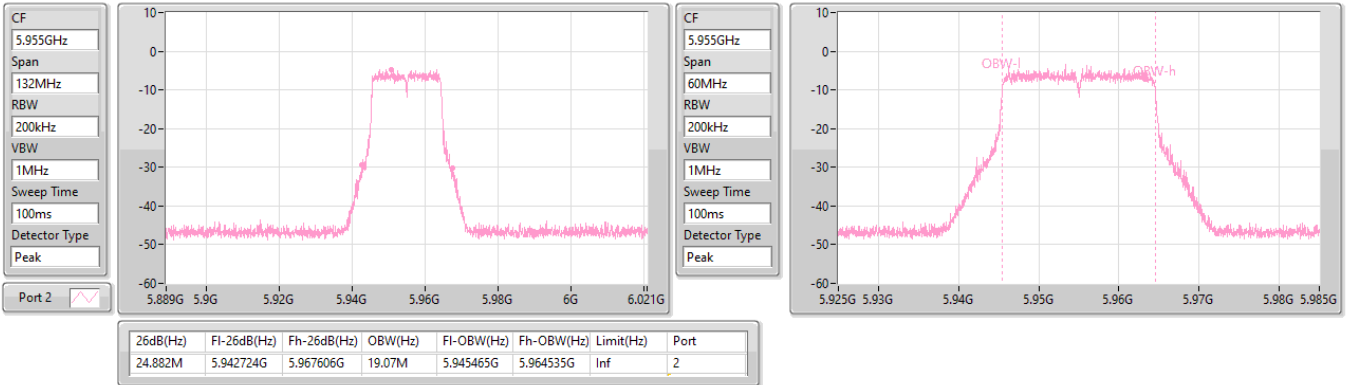


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5955MHz

08/03/2023

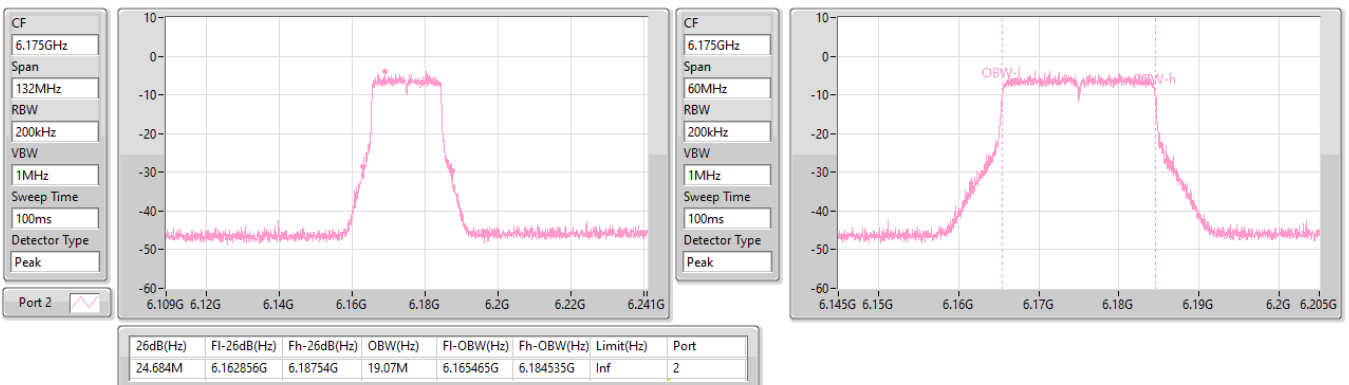


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6175MHz

08/03/2023

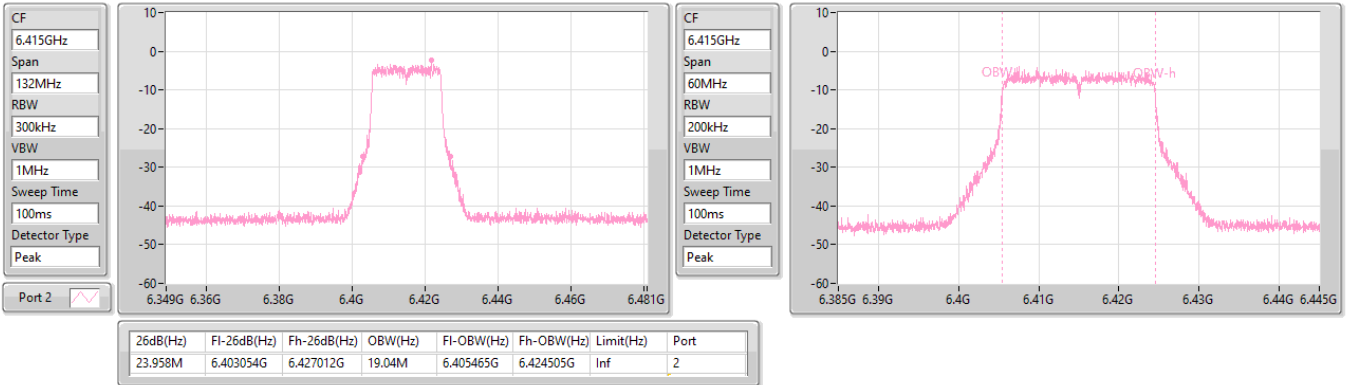


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6415MHz

08/03/2023

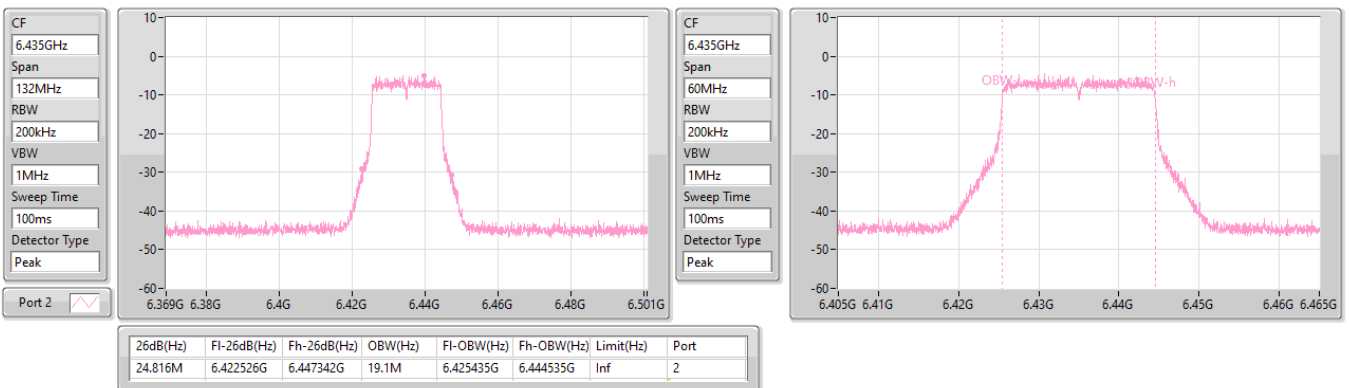


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6435MHz

08/03/2023

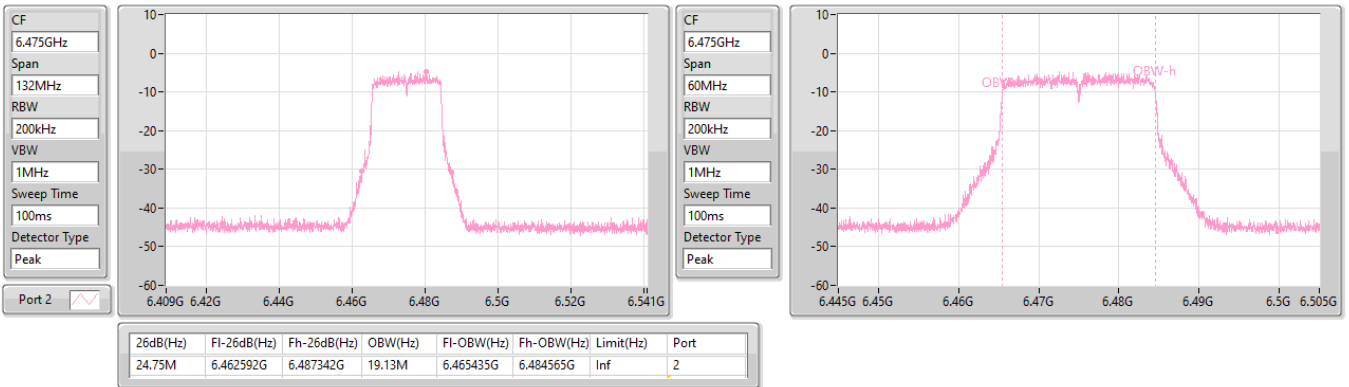


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6475MHz

08/03/2023

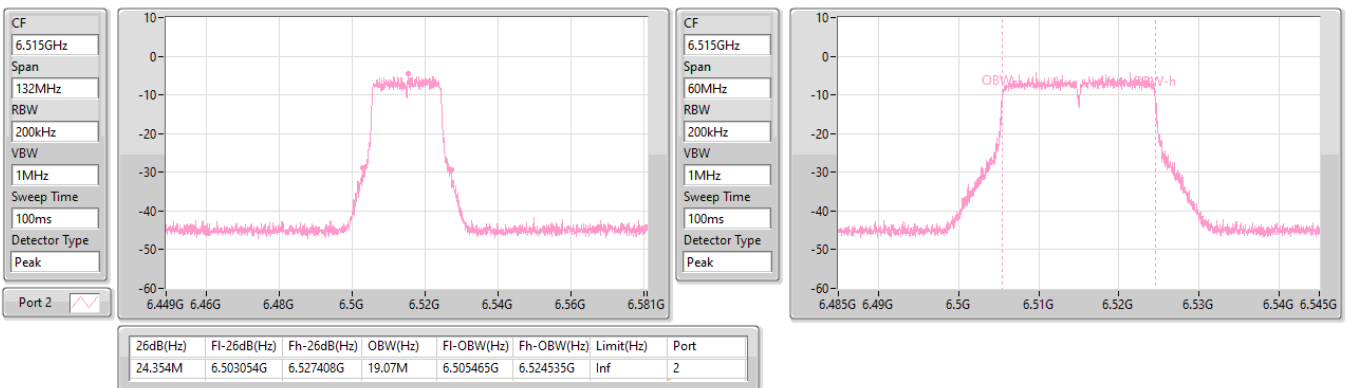


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6515MHz

08/03/2023

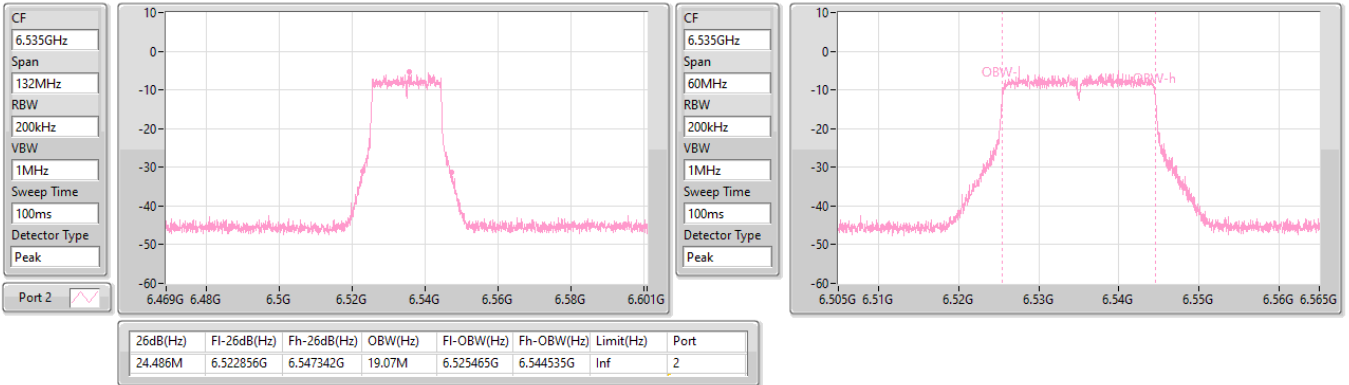


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6535MHz

08/03/2023

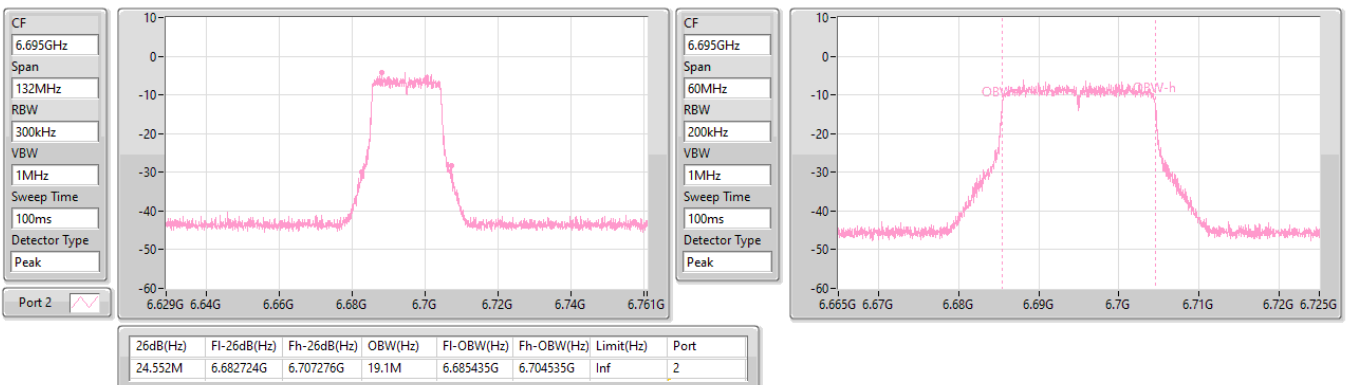


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6695MHz

08/03/2023

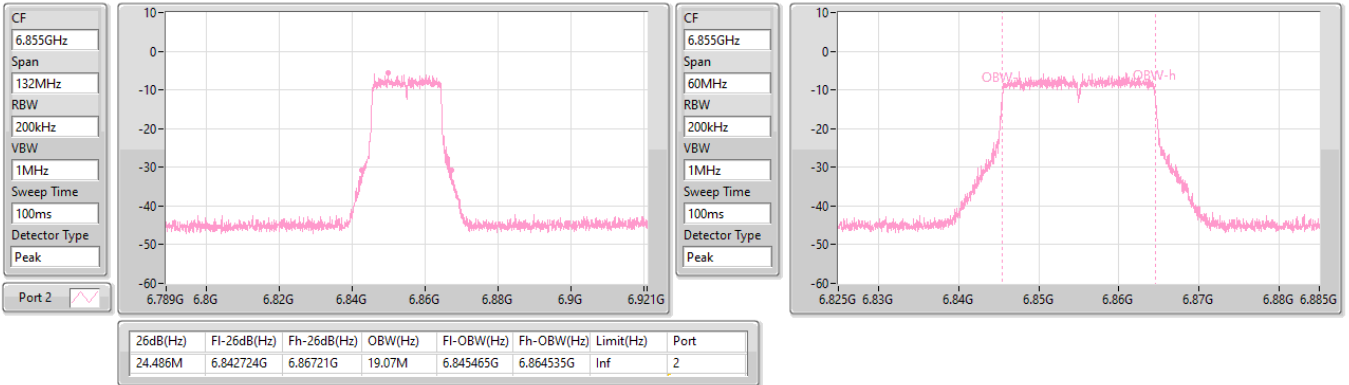


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6855MHz

08/03/2023

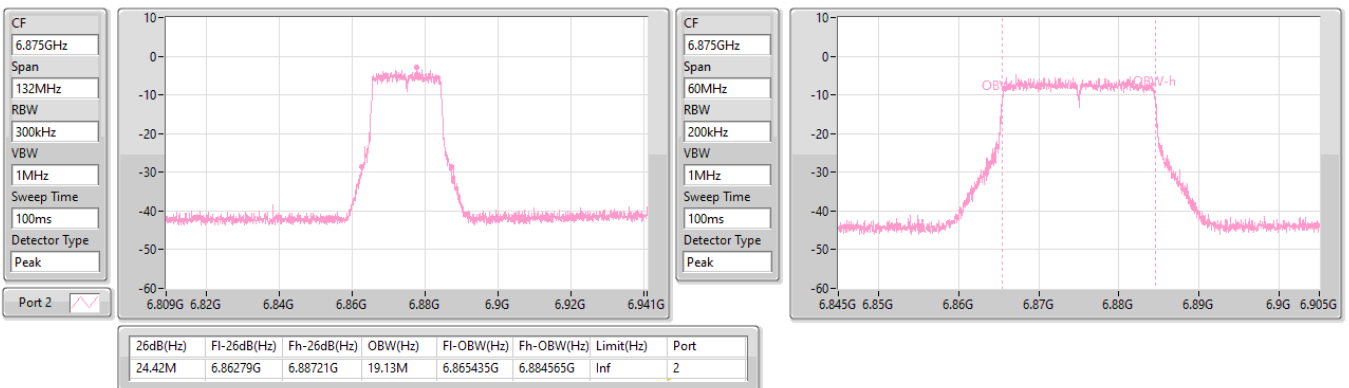


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6875MHz

09/03/2023

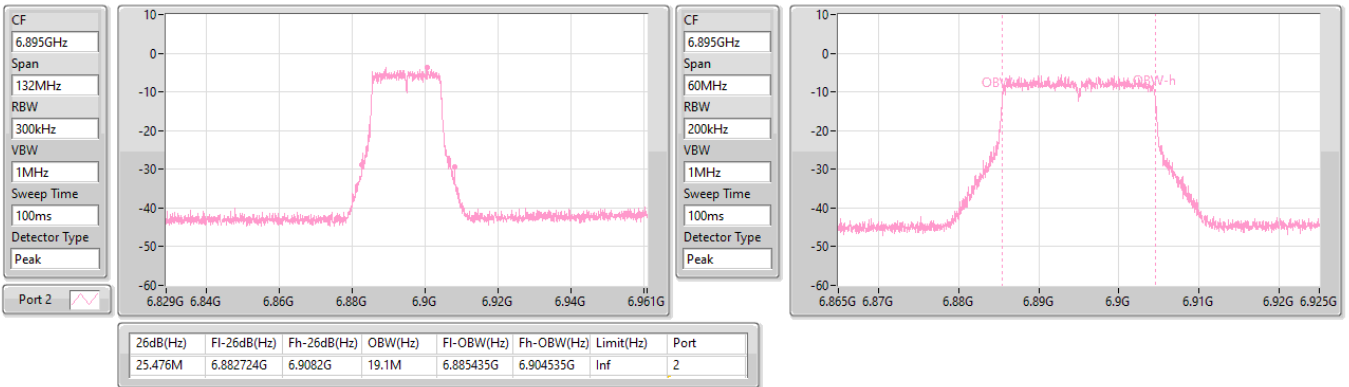


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6895MHz

08/03/2023

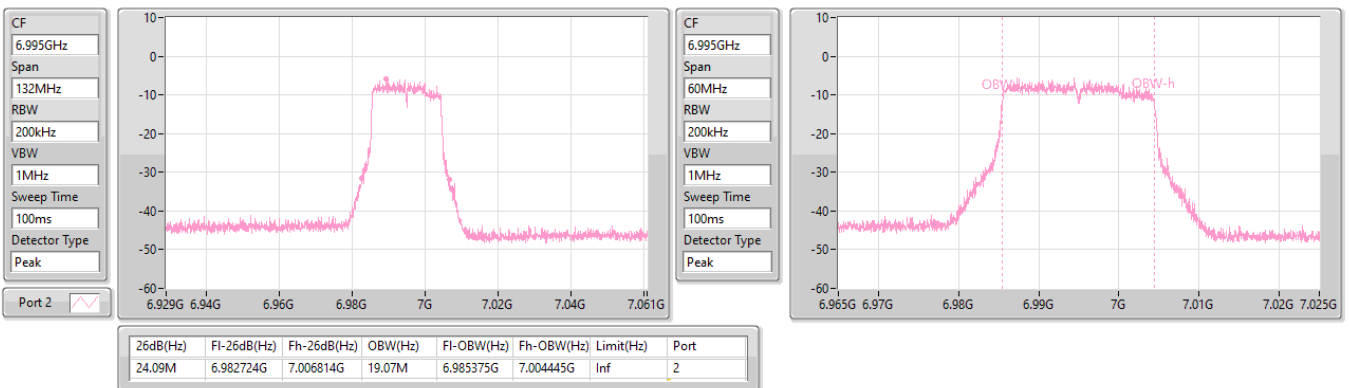


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

6995MHz

08/03/2023

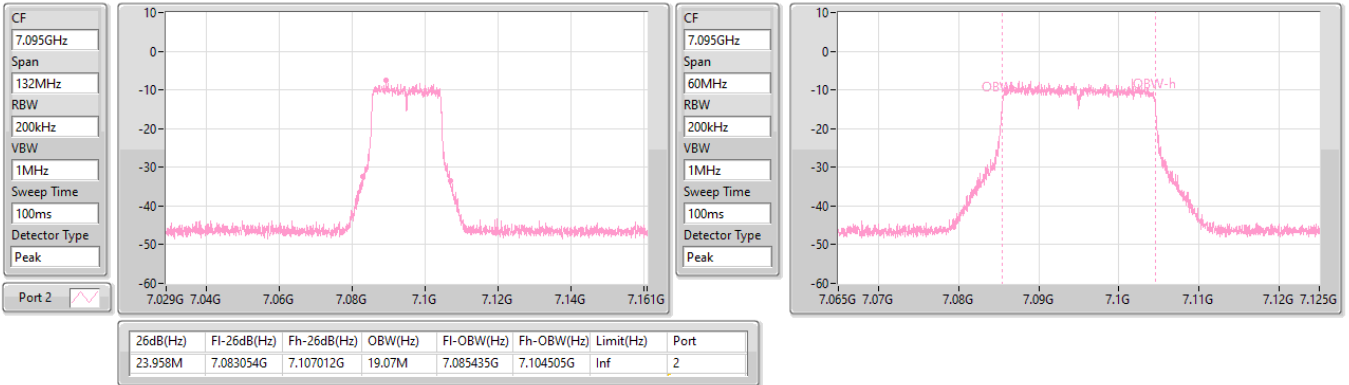


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7095MHz

08/03/2023

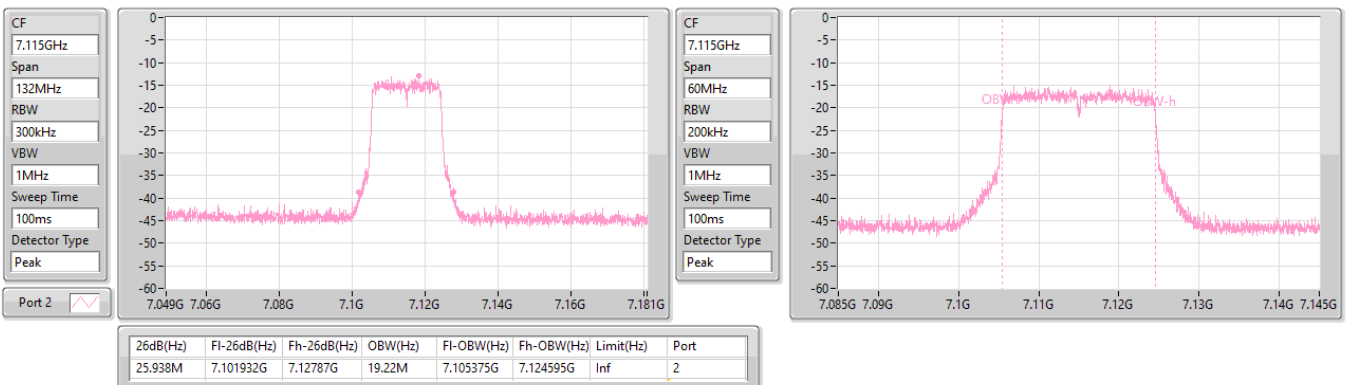


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

7115MHz

14/04/2023



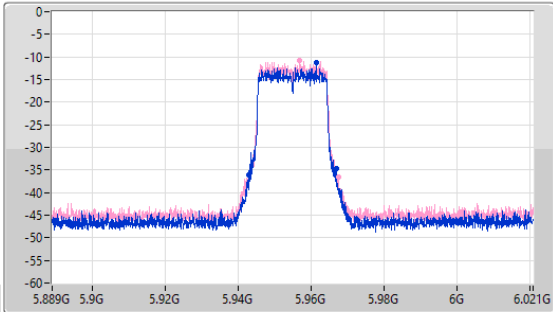
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

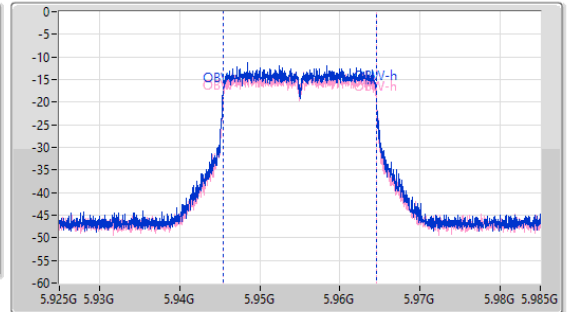
5955MHz

14/04/2023

CF
5.955GHz
Span
132MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
5.955GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.09M	5.942922G	5.967012G	19.13M	5.945405G	5.964535G	Inf	1
24.618M	5.942922G	5.96754G	19.16M	5.945405G	5.964565G	Inf	2

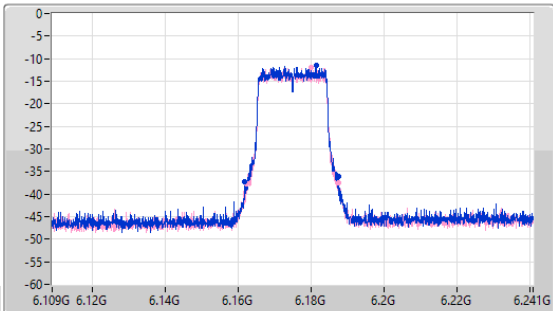
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

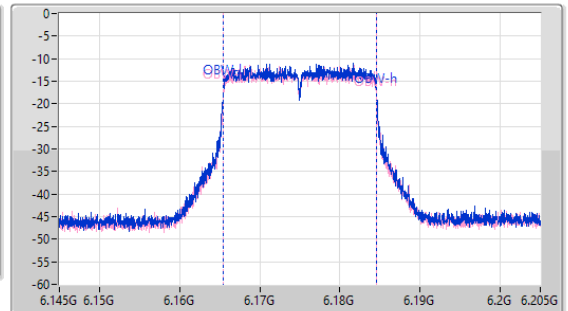
6175MHz

14/04/2023

CF
6.175GHz
Span
132MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
6.175GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



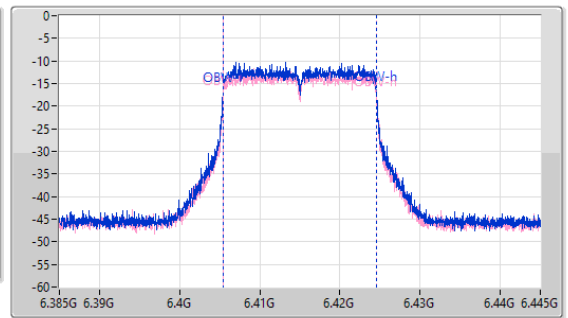
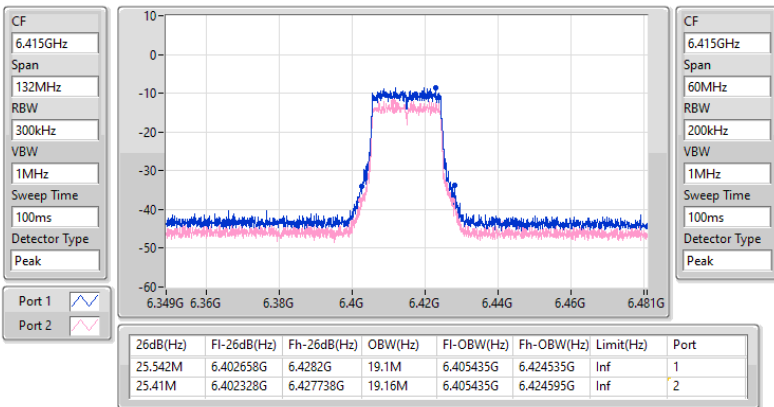
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.674M	6.161932G	6.187606G	19.13M	6.165435G	6.184565G	Inf	1
25.146M	6.162394G	6.18754G	19.13M	6.165435G	6.184565G	Inf	2

5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

14/04/2023

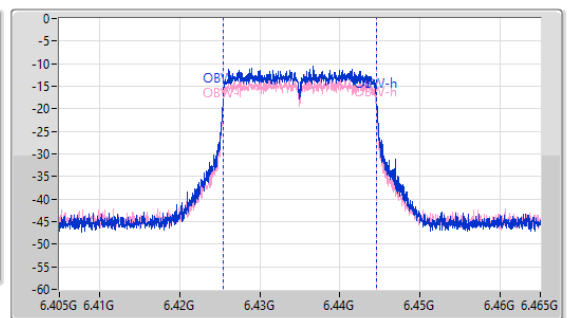
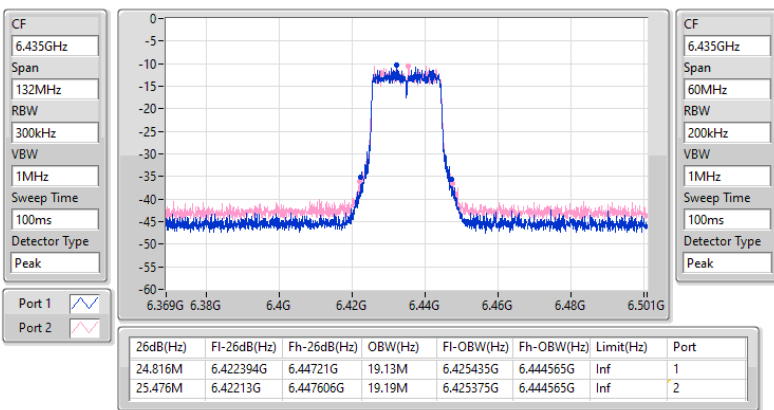


6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

08/03/2023



6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

08/03/2023

CF
6.475GHz

Span
132MHz

RBW
300kHz

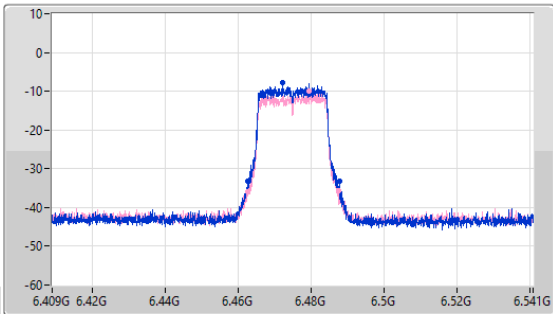
VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1

Port 2



CF
6.475GHz

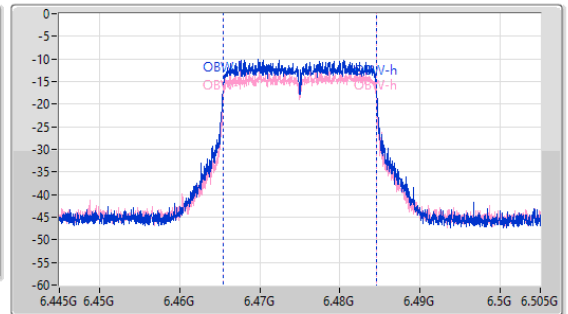
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.212M	6.462658G	6.48787G	19.1M	6.465435G	6.484535G	Inf	1
25.08M	6.462658G	6.487738G	19.19M	6.465405G	6.484595G	Inf	2

6.425-6.525GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

08/03/2023

CF
6.515GHz

Span
132MHz

RBW
200kHz

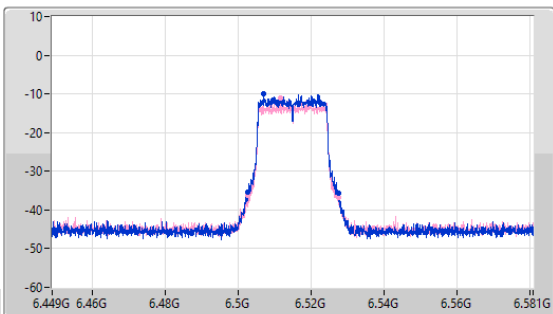
VBW
1MHz

Sweep Time
100ms

Detector Type
Peak

Port 1

Port 2



CF
6.515GHz

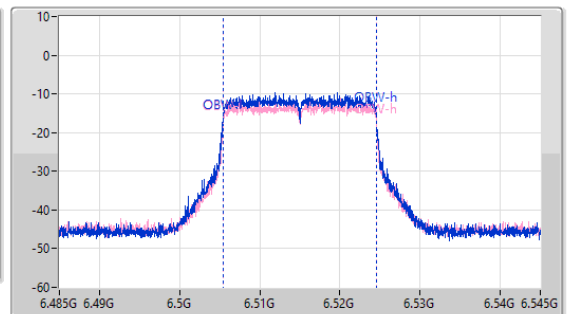
Span
60MHz

RBW
200kHz

VBW
1MHz

Sweep Time
100ms

Detector Type
Peak



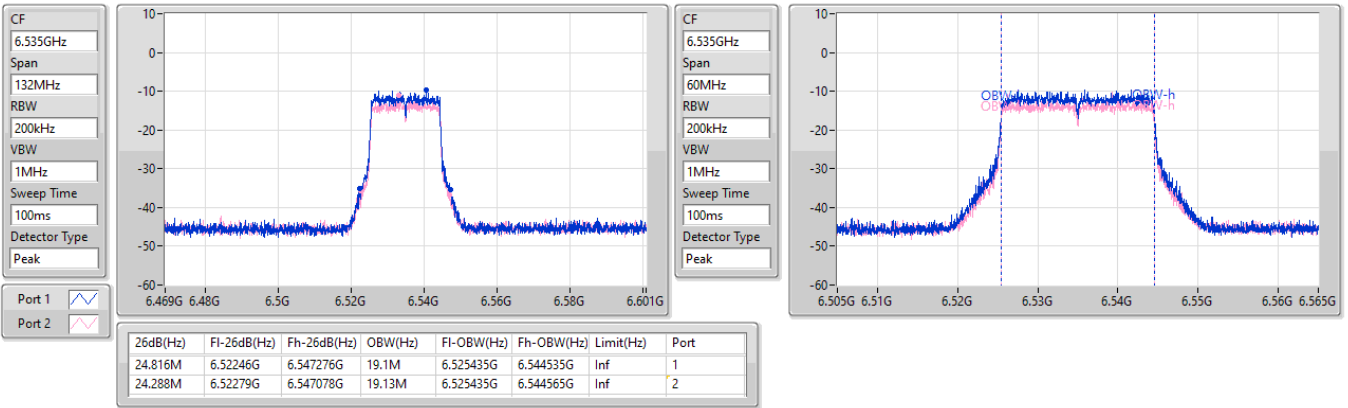
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.882M	6.502658G	6.52754G	19.13M	6.505405G	6.524535G	Inf	1
24.75M	6.50279G	6.52754G	19.16M	6.505405G	6.524565G	Inf	2

6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

08/03/2023

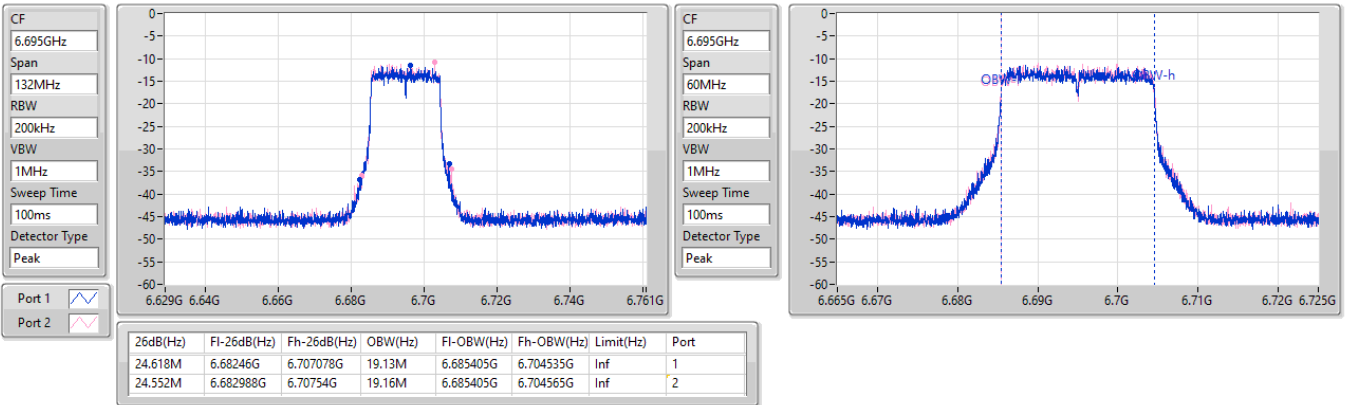


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

08/03/2023



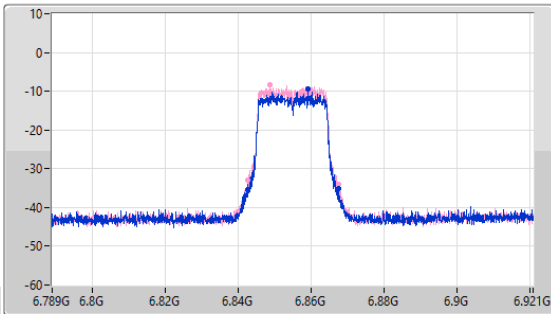
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

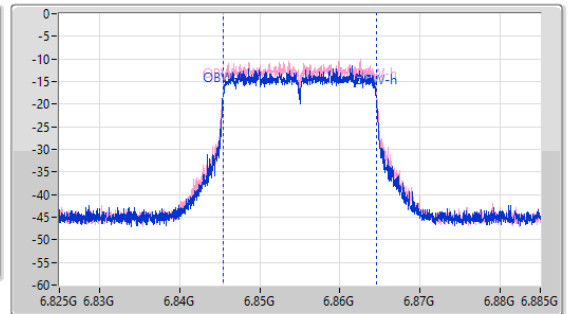
6855MHz

08/03/2023

CF
6.855GHz
Span
132MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.855GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.08M	6.842526G	6.867606G	19.19M	6.845375G	6.864565G	Inf	1
25.08M	6.842592G	6.867672G	19.13M	6.845435G	6.864565G	Inf	2

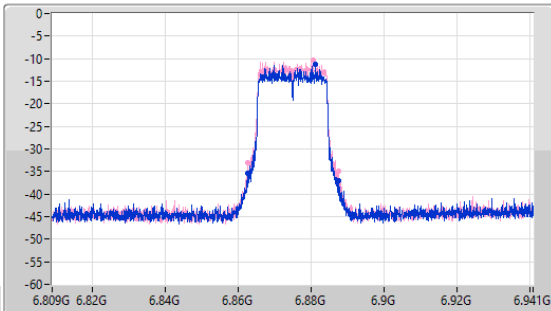
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

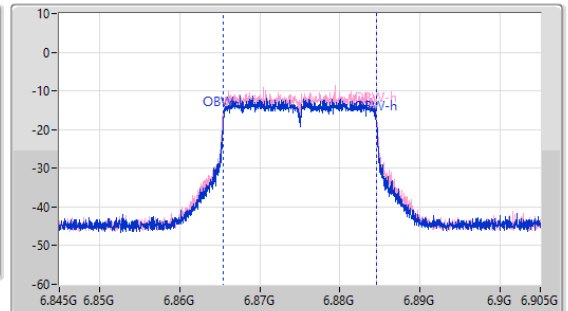
6875MHz

09/03/2023

CF
6.875GHz
Span
132MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.875GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.014M	6.862526G	6.88754G	19.13M	6.865435G	6.884565G	Inf	1
25.014M	6.862526G	6.88754G	19.13M	6.865405G	6.884535G	Inf	2

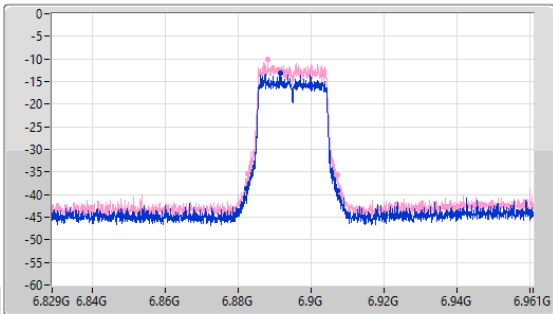
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

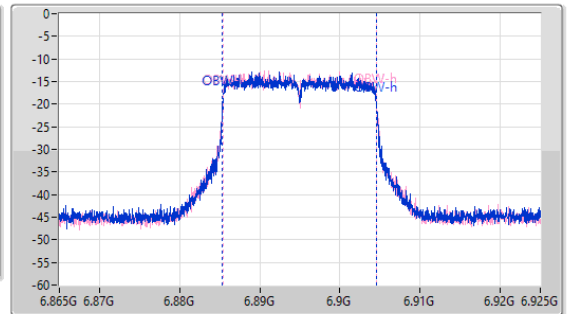
6895MHz

14/04/2023

CF
6.895GHz
Span
132MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
6.895GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.948M	6.882328G	6.907276G	19.25M	6.885345G	6.904595G	Inf	1
24.816M	6.882592G	6.907408G	19.16M	6.885405G	6.904565G	Inf	2

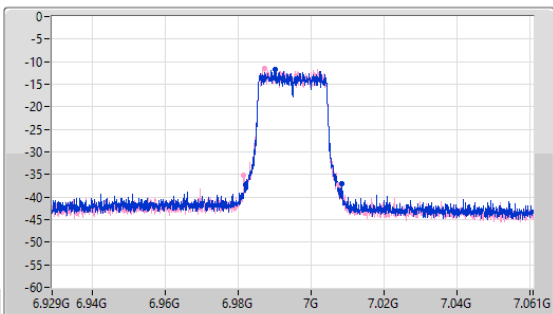
6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

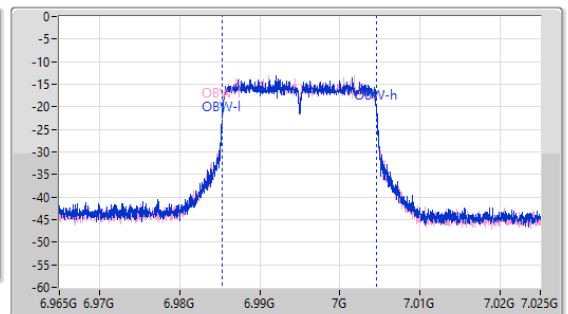
6995MHz

14/04/2023

CF
6.995GHz
Span
132MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2



CF
6.995GHz
Span
60MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



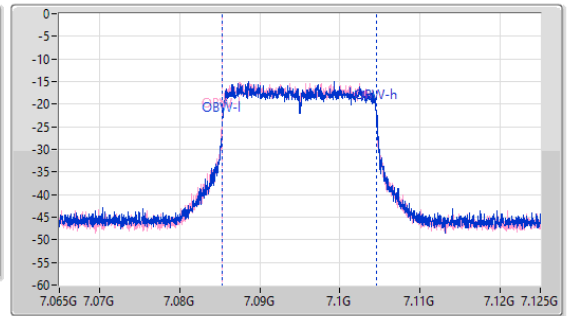
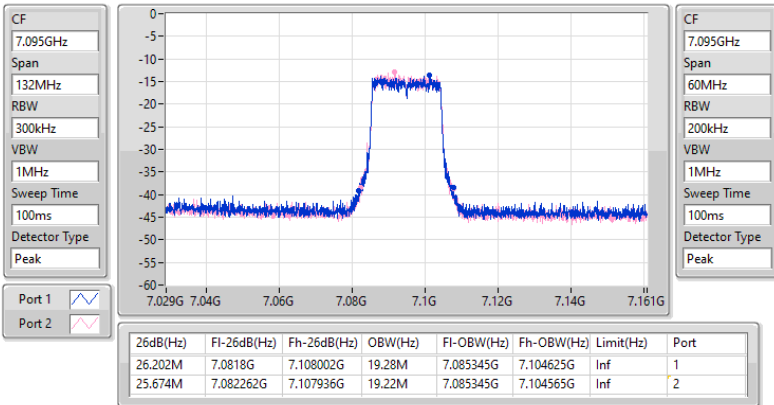
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.598M	6.981998G	7.008996G	19.28M	6.985315G	7.004595G	Inf	1
26.202M	6.981536G	7.007738G	19.25M	6.985315G	7.004565G	Inf	2

6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

14/04/2023

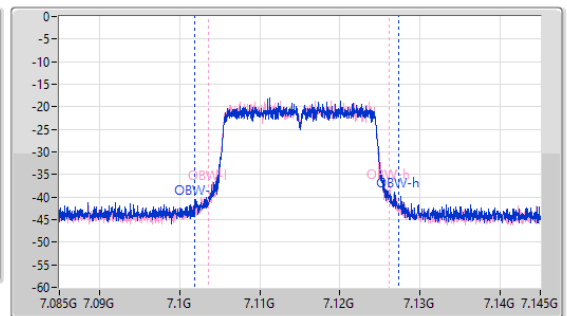
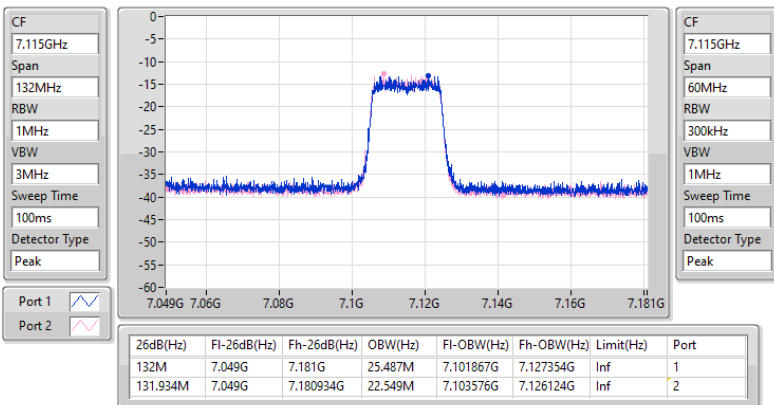


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7115MHz

14/04/2023

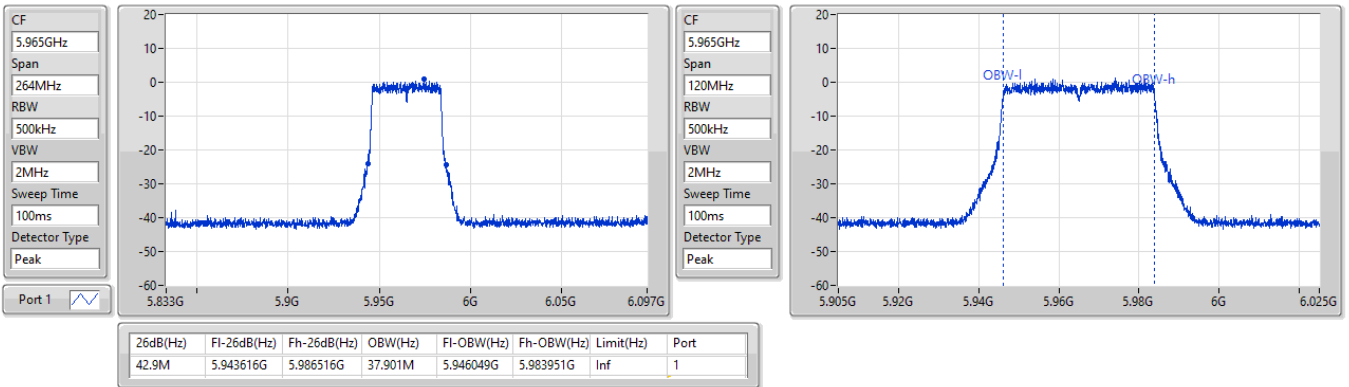


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5965MHz

09/03/2023

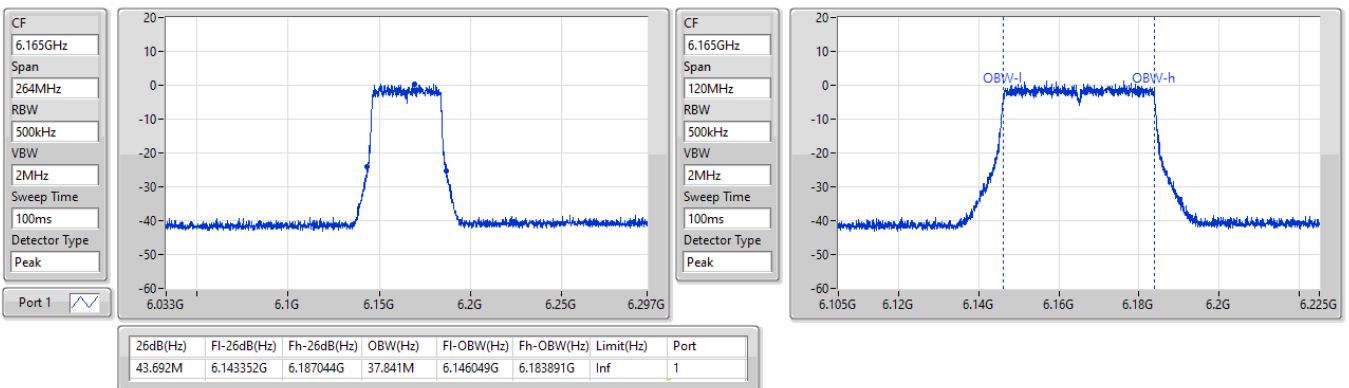


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6165MHz

09/03/2023

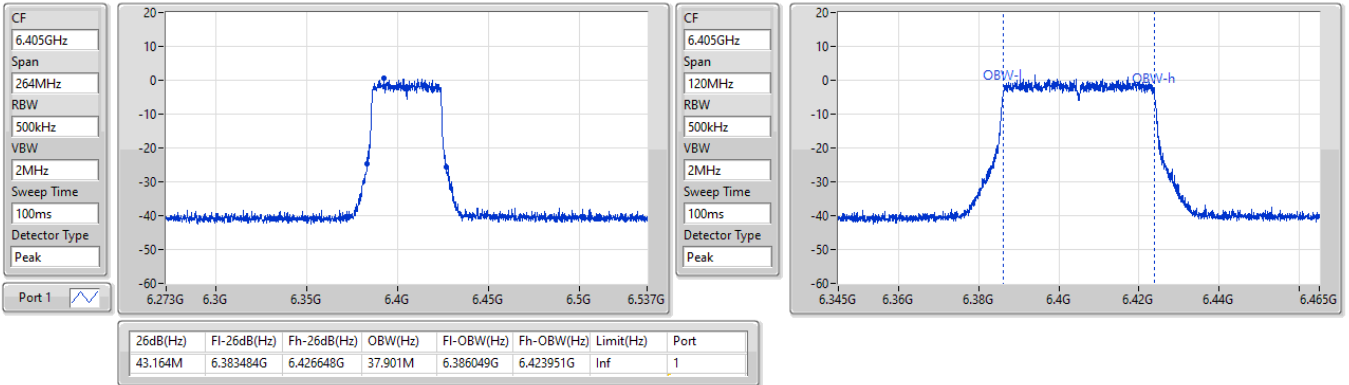


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6405MHz

09/03/2023

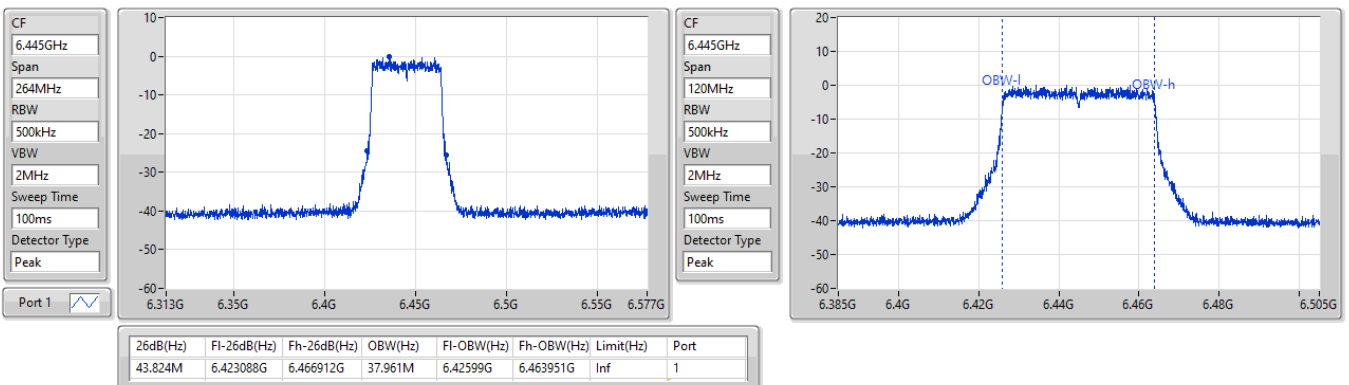


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6445MHz

09/03/2023

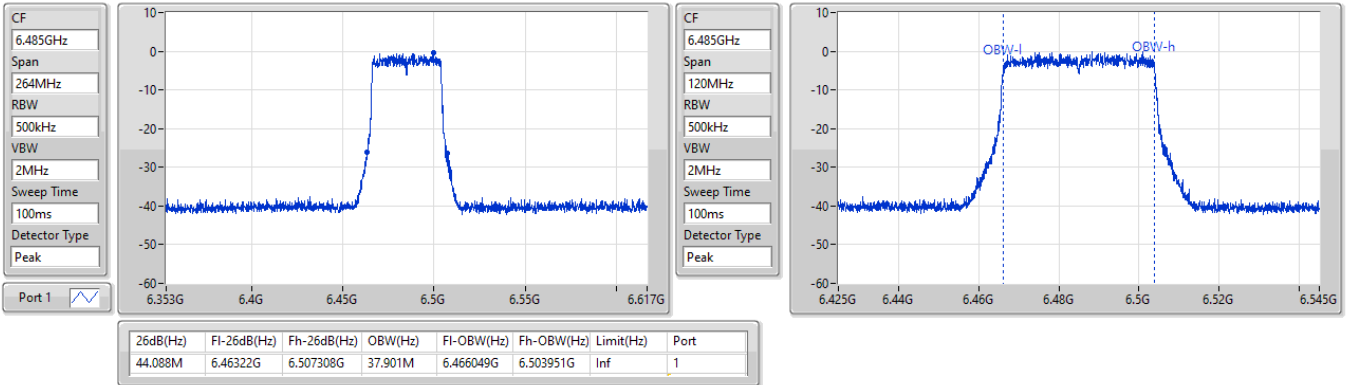


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6485MHz

09/03/2023

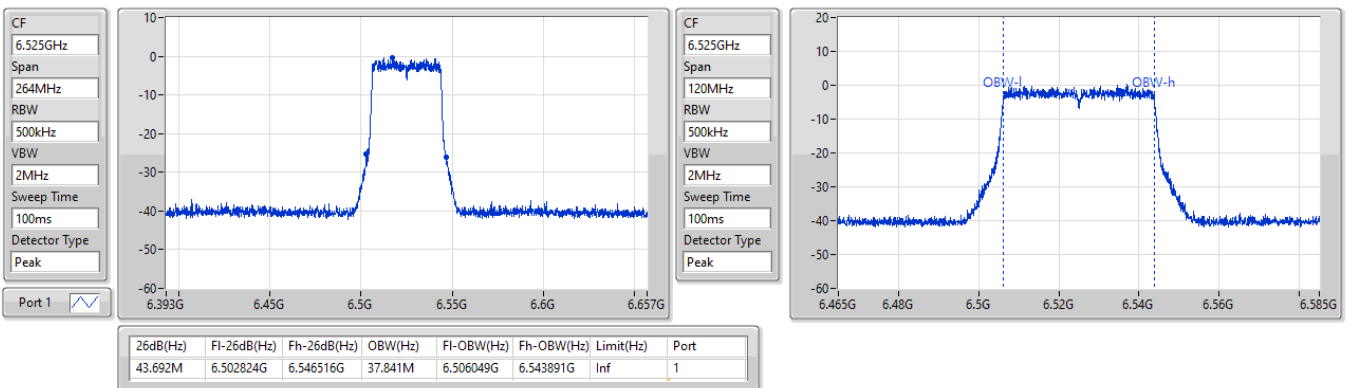


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6525MHz

09/03/2023

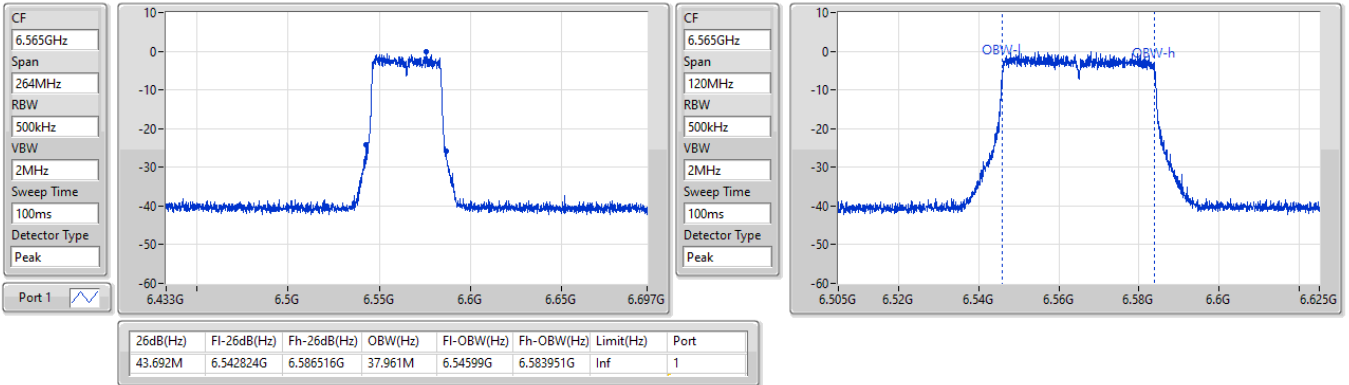


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6565MHz

09/03/2023

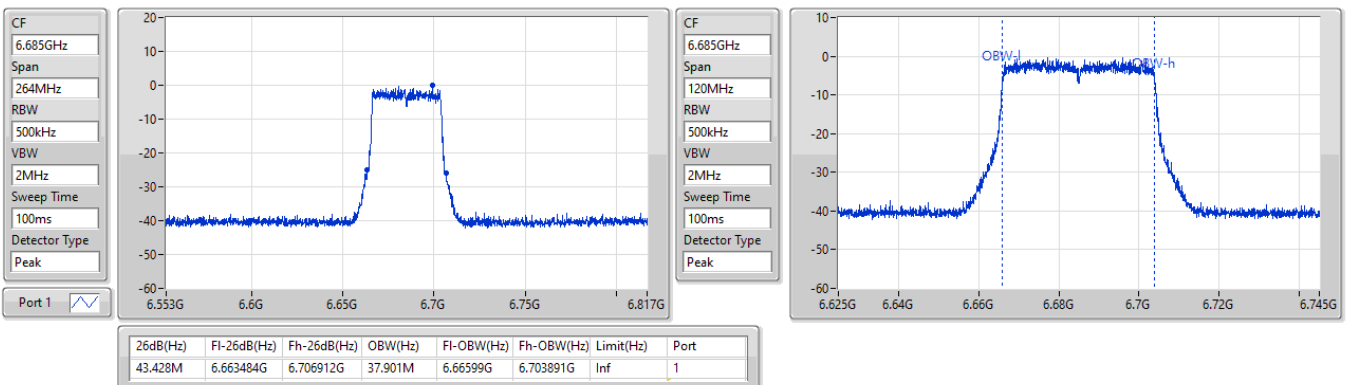


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6685MHz

09/03/2023

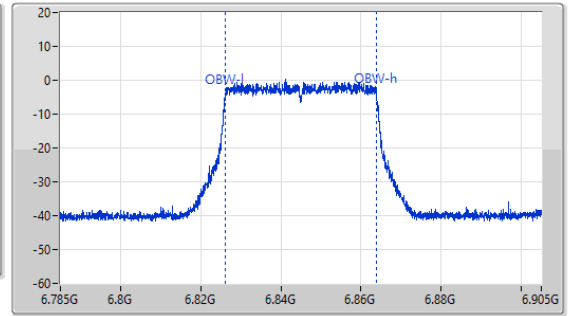
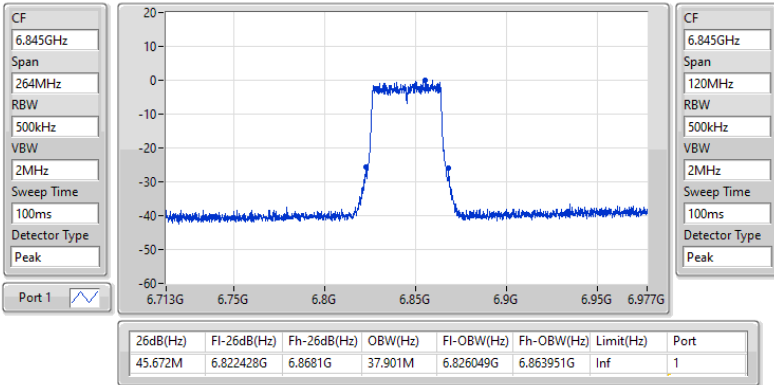


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6845MHz

09/03/2023

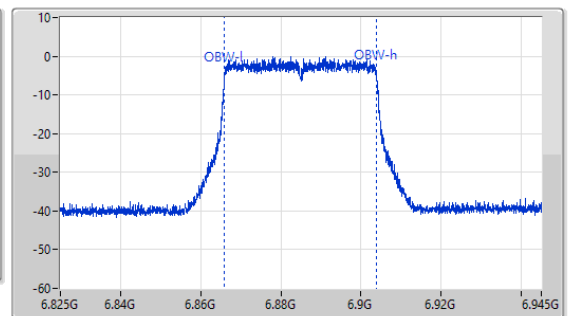
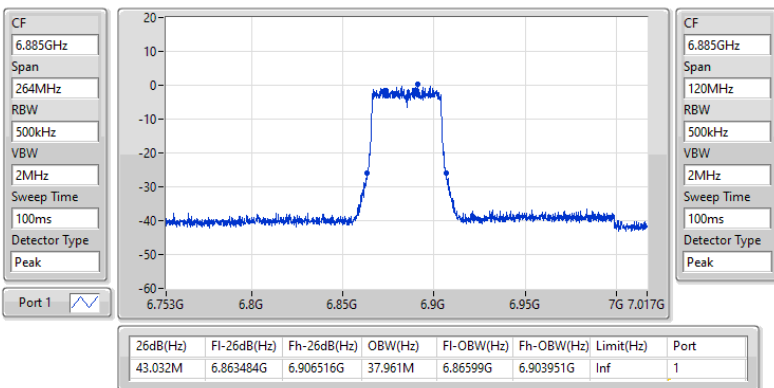


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6885MHz

09/03/2023

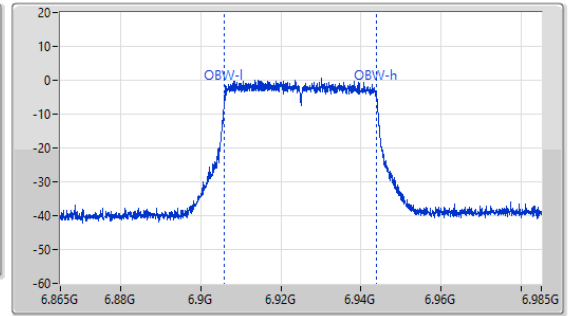
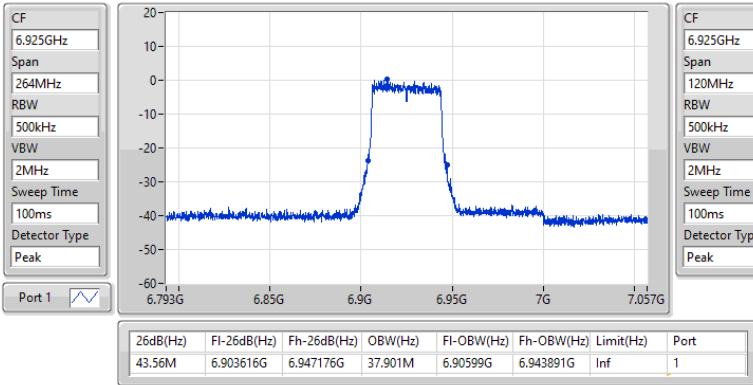


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6925MHz

09/03/2023

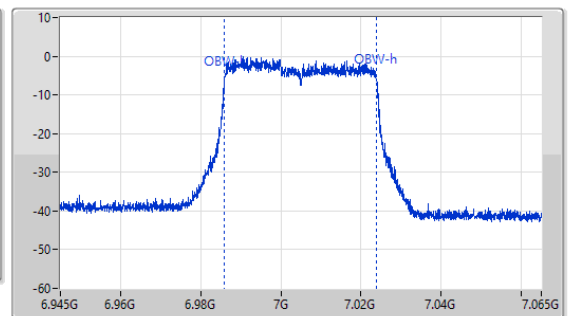
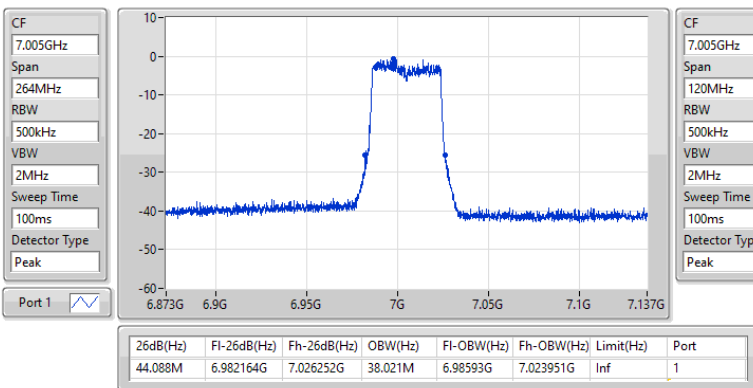


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

7005MHz

09/03/2023

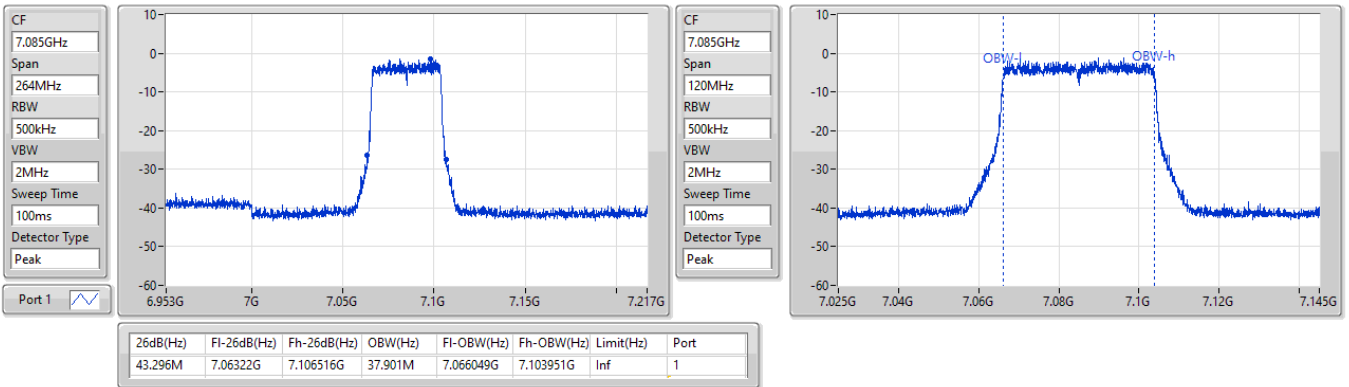


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

7085MHz

09/03/2023

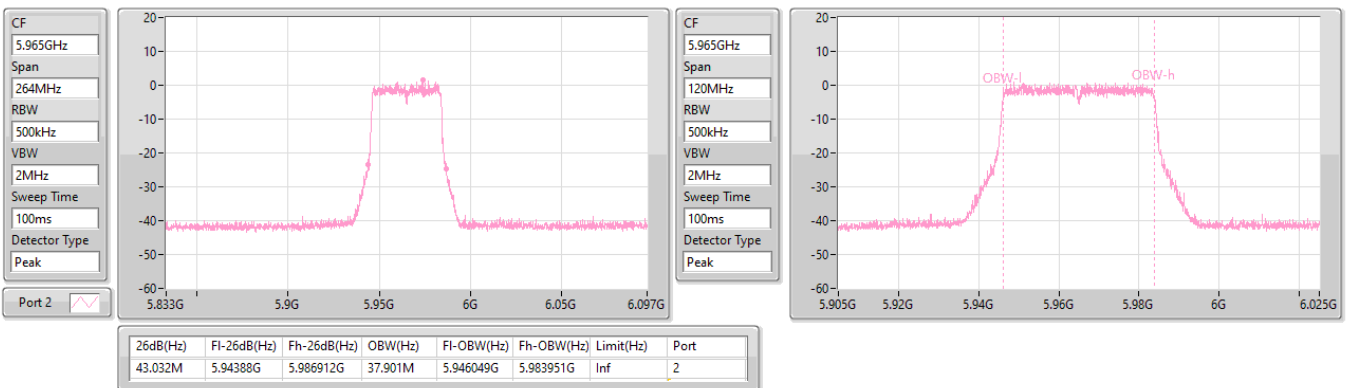


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

5965MHz

09/03/2023

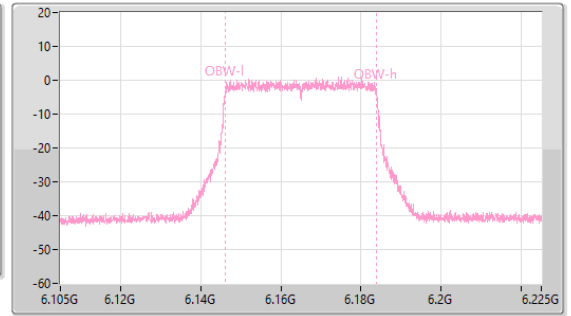
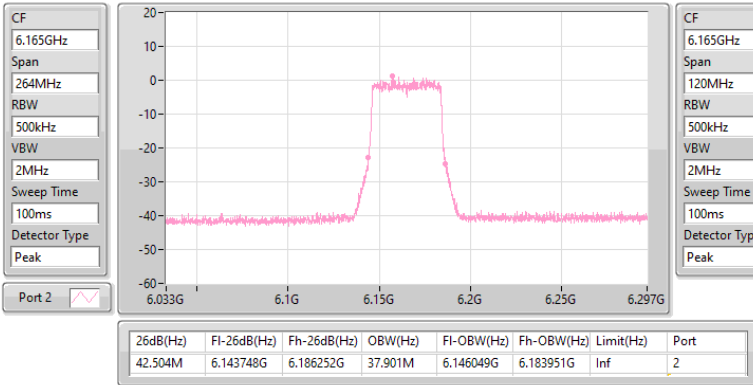


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6165MHz

09/03/2023

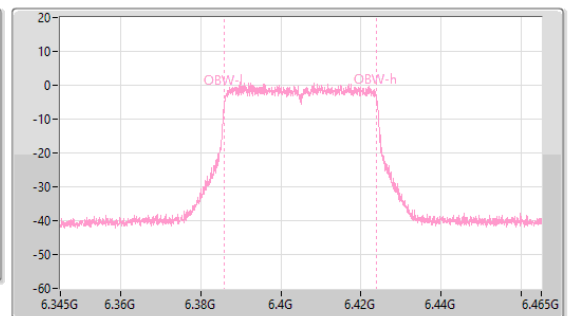
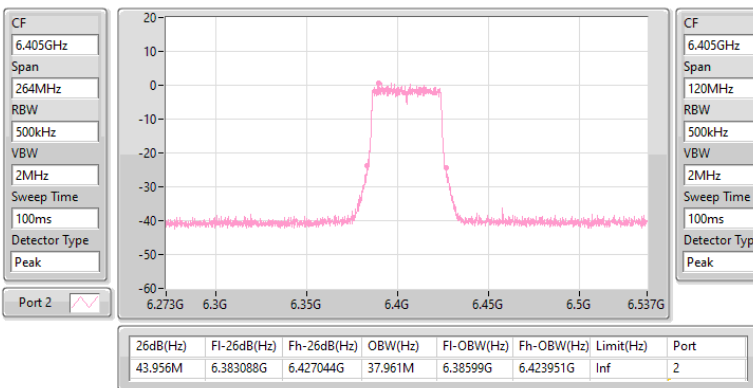


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6405MHz

09/03/2023

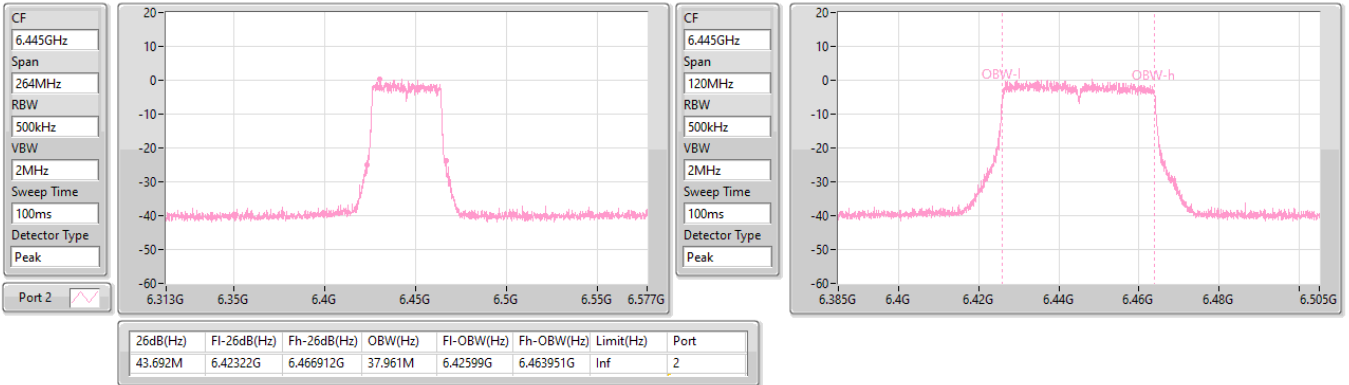


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6445MHz

09/03/2023

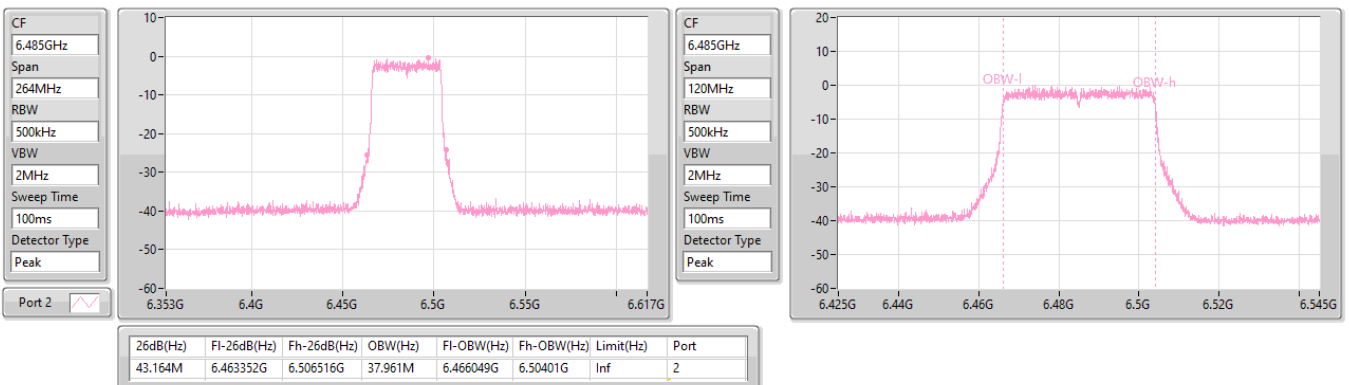


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6485MHz

09/03/2023

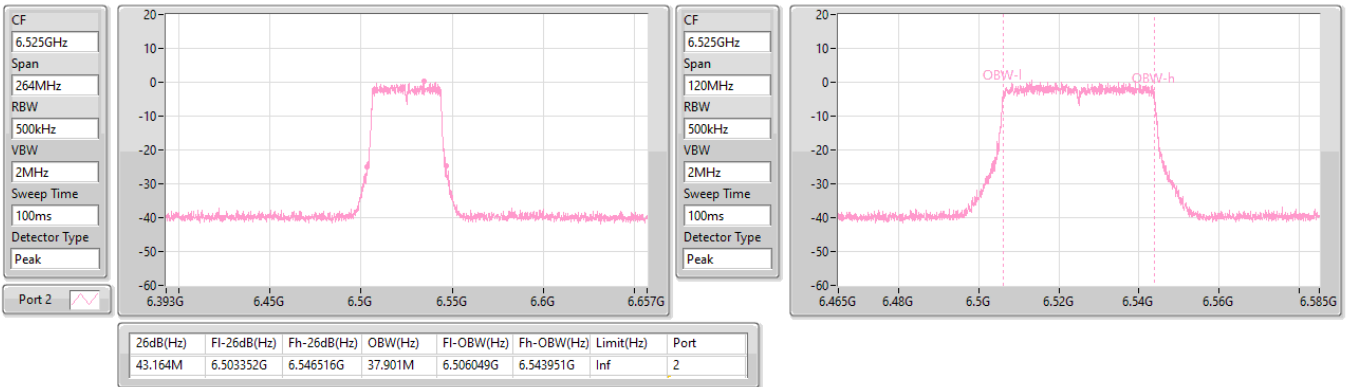


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6525MHz

09/03/2023

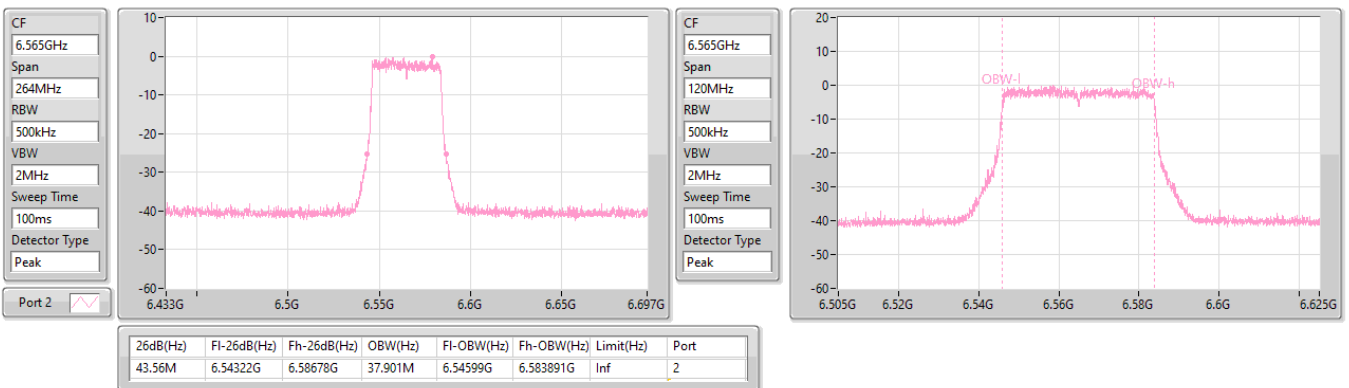


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6565MHz

09/03/2023



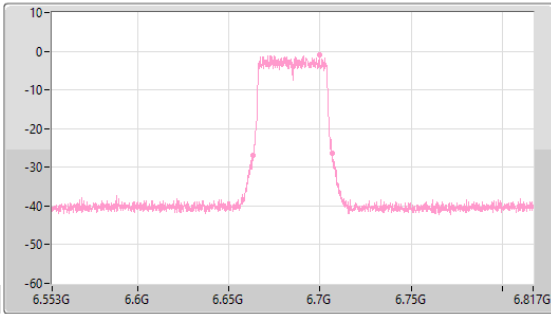
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

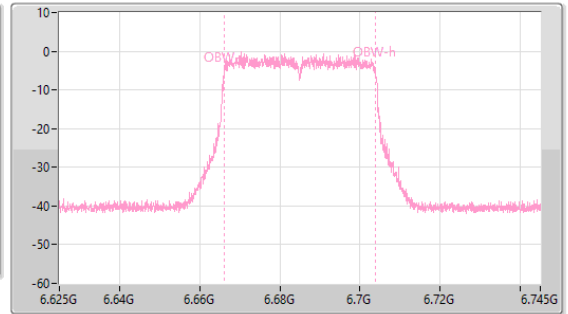
6685MHz

09/03/2023

CF
6.685GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.685GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.296M	6.663352G	6.706648G	37.901M	6.666049G	6.703951G	Inf	2

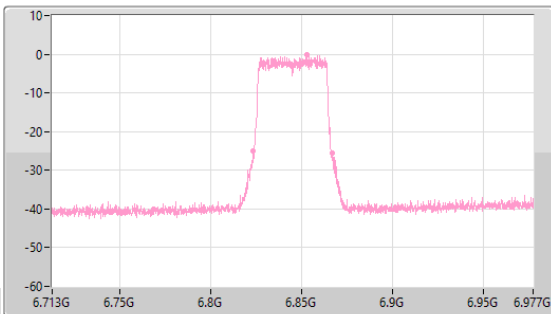
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

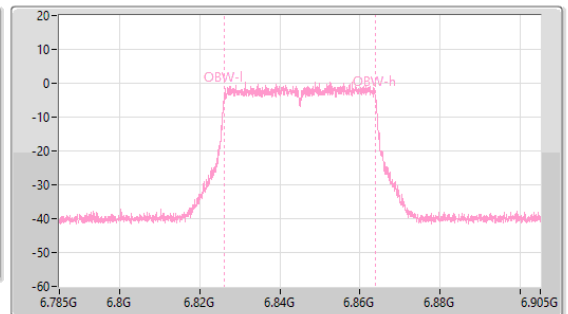
6845MHz

09/03/2023

CF
6.845GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.845GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



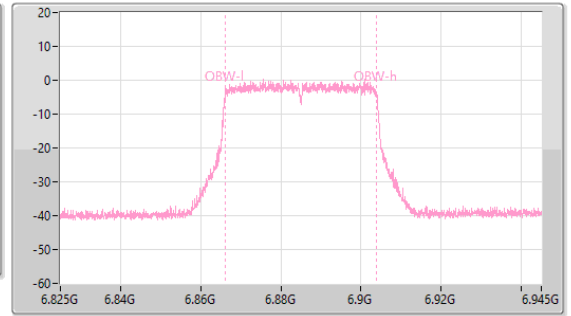
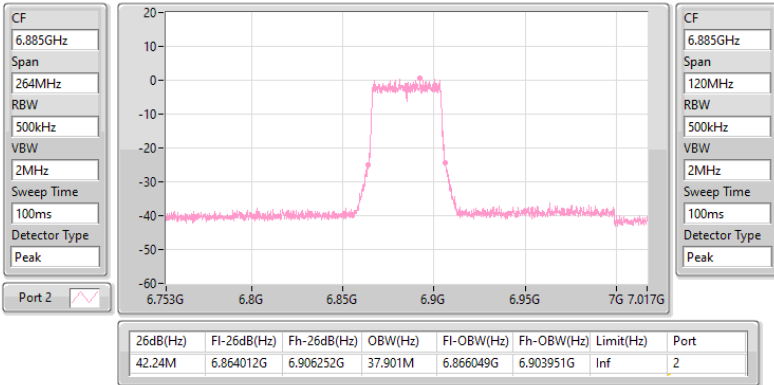
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.824M	6.82322G	6.867044G	37.901M	6.826049G	6.863951G	Inf	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6885MHz

09/03/2023

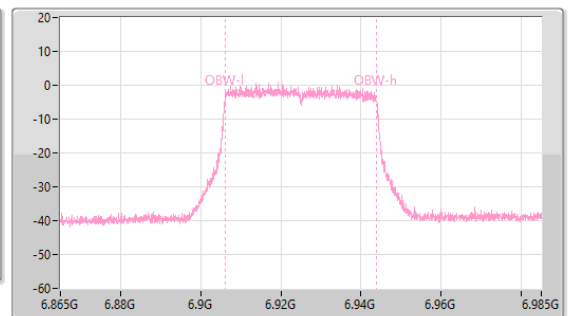
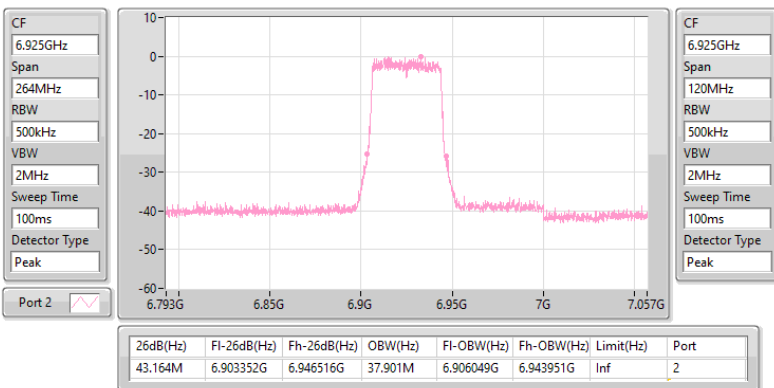


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6925MHz

09/03/2023



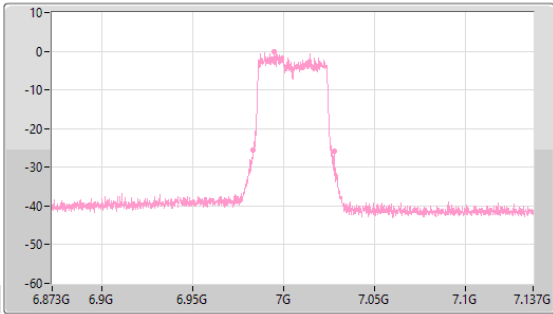
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

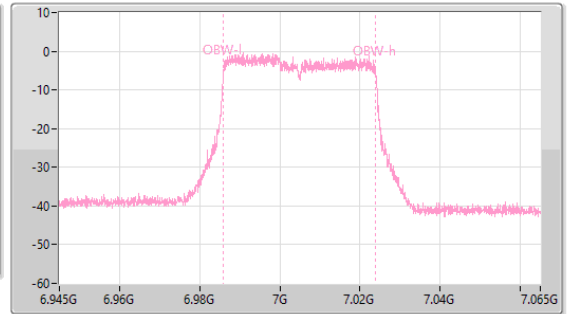
7005MHz

09/03/2023

CF
7.005GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
7.005GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.616M	6.98322G	7.027836G	38.021M	6.98593G	7.023951G	Inf	2

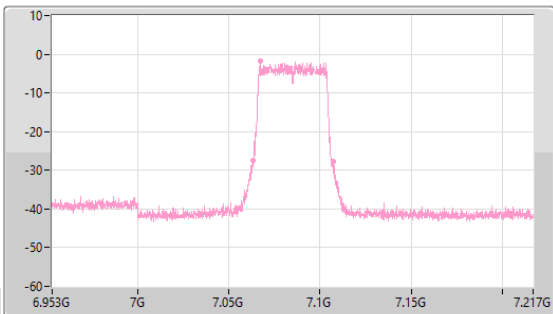
6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

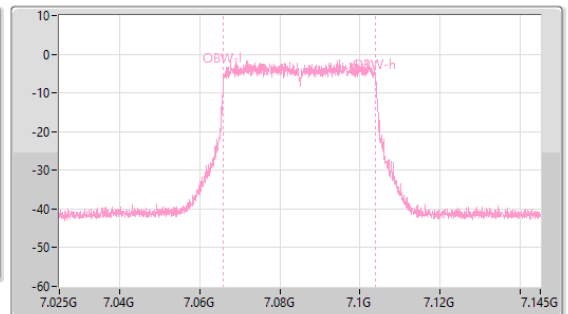
7085MHz

09/03/2023

CF
7.085GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
7.085GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.352M	7.06322G	7.107572G	37.961M	7.06599G	7.103951G	Inf	2

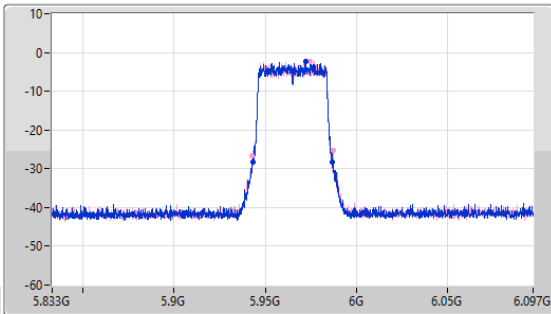
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

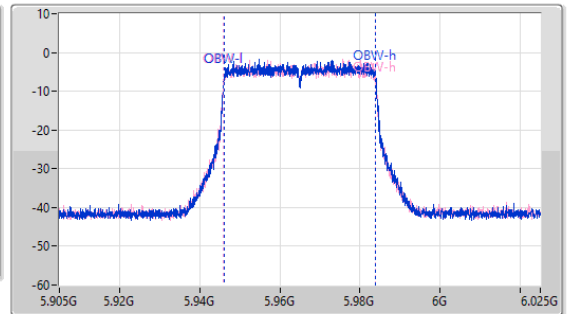
5965MHz

09/03/2023

CF
5.965GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.965GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.824M	5.943322G	5.987044G	37.901M	5.946049G	5.983951G	Inf	1
44.484M	5.942692G	5.987176G	37.961M	5.94599G	5.983951G	Inf	2

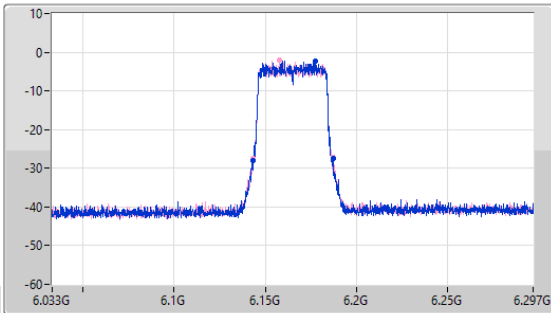
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

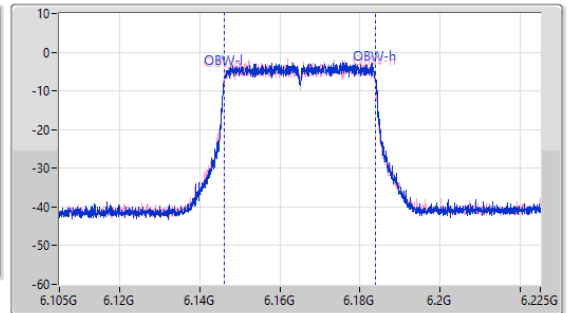
6165MHz

09/03/2023

CF
6.165GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.165GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.824M	6.143352G	6.187176G	37.901M	6.146049G	6.183951G	Inf	1
44.22M	6.143352G	6.187572G	37.901M	6.146049G	6.183951G	Inf	2

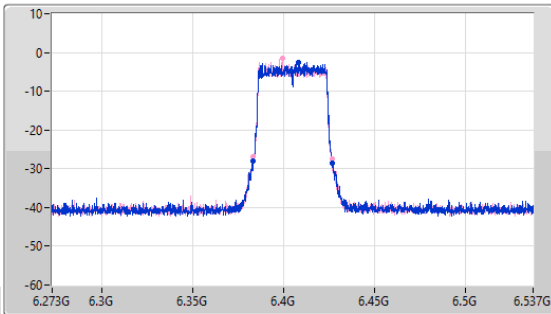
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

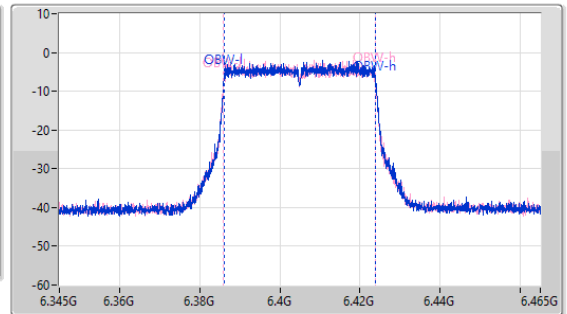
6405MHz

09/03/2023

CF
6.405GHz
Span
1264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.405GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.088M	6.382956G	6.427044G	37.901M	6.386049G	6.423951G	Inf	1
43.692M	6.382956G	6.426648G	37.961M	6.38599G	6.423951G	Inf	2

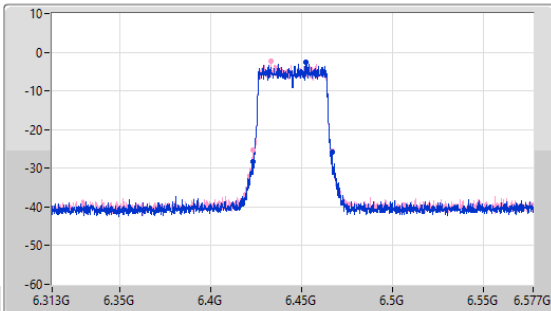
6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

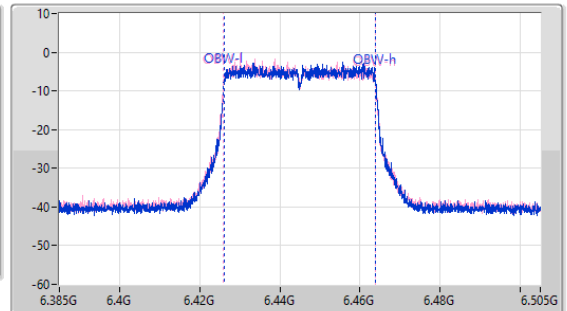
6445MHz

09/03/2023

CF
6.445GHz
Span
1264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.445GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



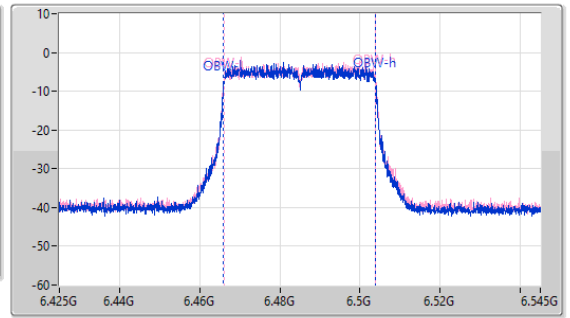
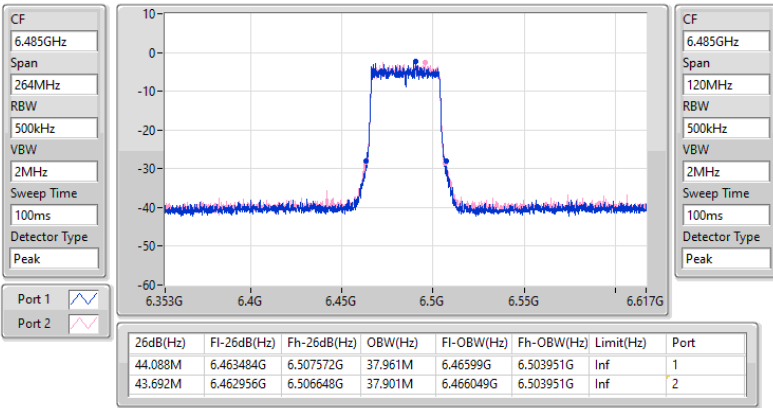
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.296M	6.423352G	6.466648G	37.901M	6.426049G	6.463951G	Inf	1
43.824M	6.422956G	6.46678G	37.961M	6.42599G	6.463951G	Inf	2

6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6485MHz

09/03/2023

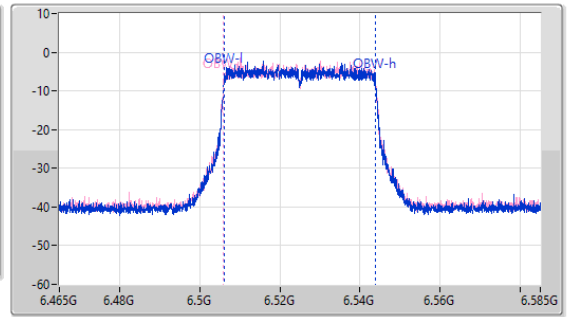
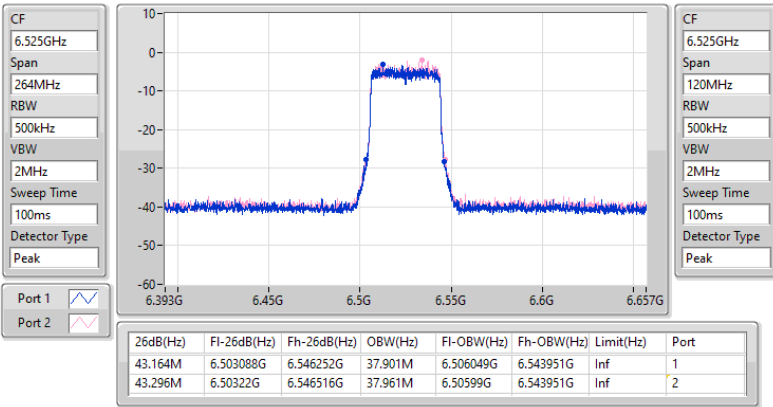


6.425-6.525GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6525MHz

09/03/2023



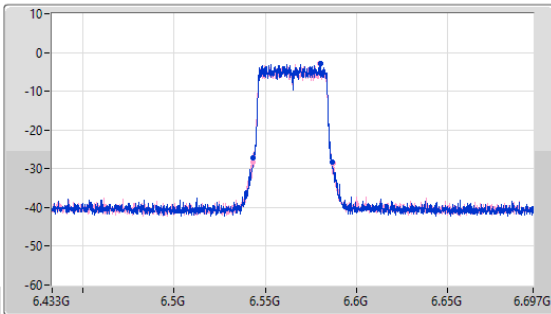
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

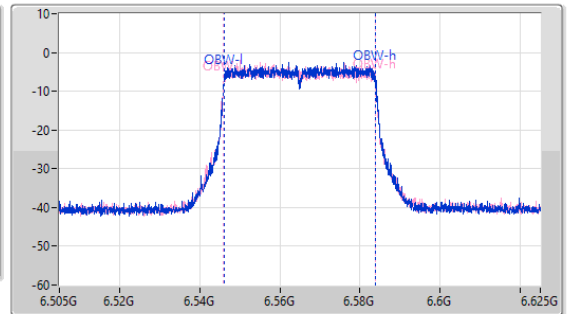
6565MHz

09/03/2023

CF
6.565GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.565GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.824M	6.543088G	6.586912G	37.901M	6.546049G	6.583951G	Inf	1
44.22M	6.542956G	6.587176G	37.961M	6.54599G	6.583951G	Inf	2

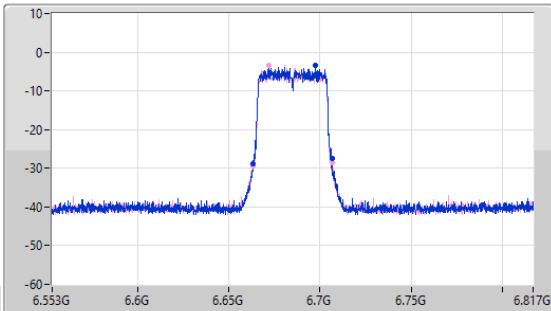
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

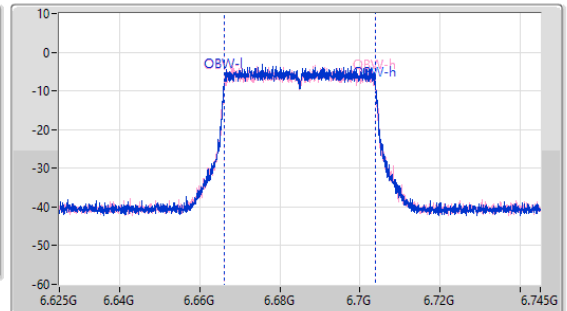
6685MHz

09/03/2023

CF
6.685GHz
Span
264MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.685GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



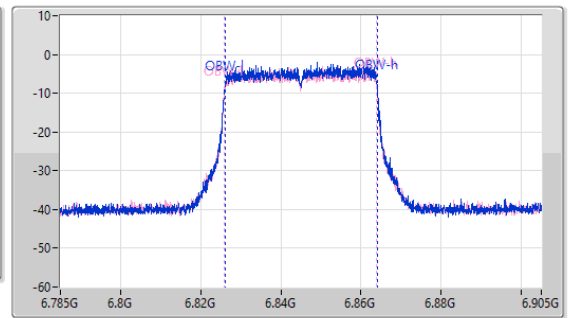
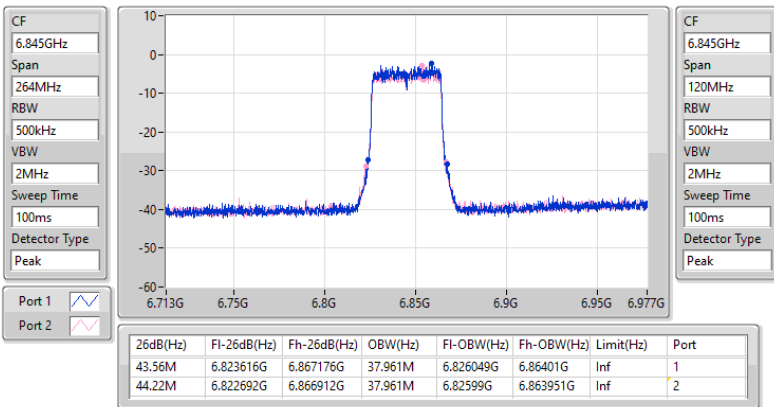
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.692M	6.66322G	6.706912G	37.901M	6.666049G	6.703951G	Inf	1
43.56M	6.662956G	6.706516G	37.901M	6.666049G	6.703951G	Inf	2

6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6845MHz

09/03/2023

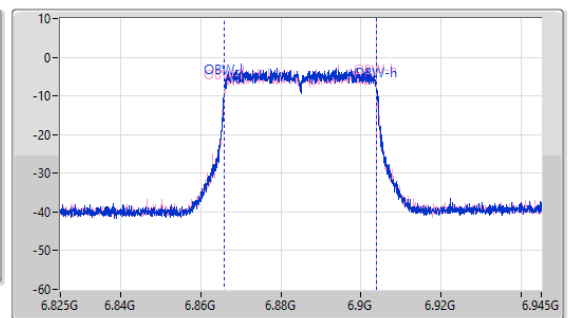
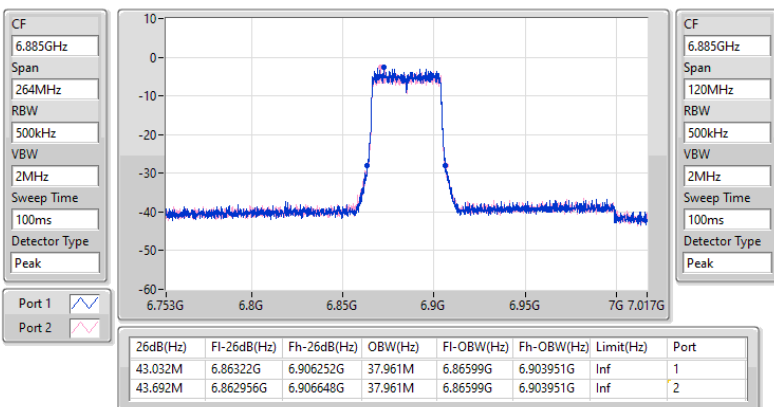


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6885MHz

09/03/2023

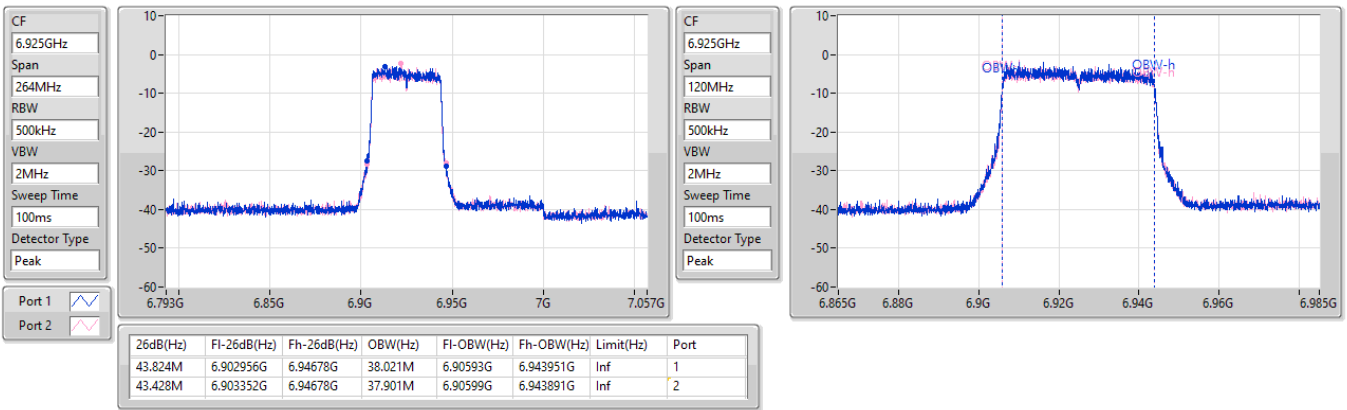


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6925MHz

09/03/2023

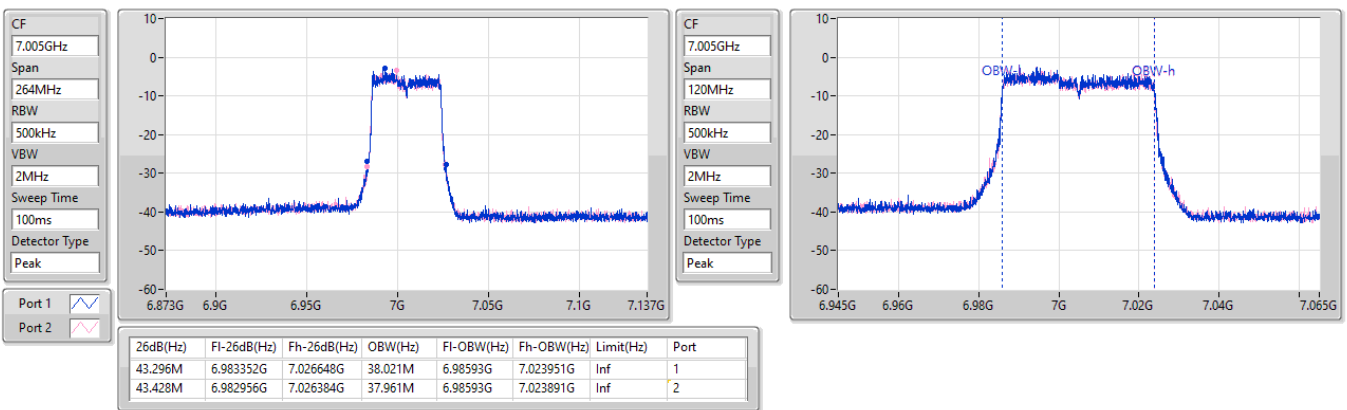


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

7005MHz

09/03/2023

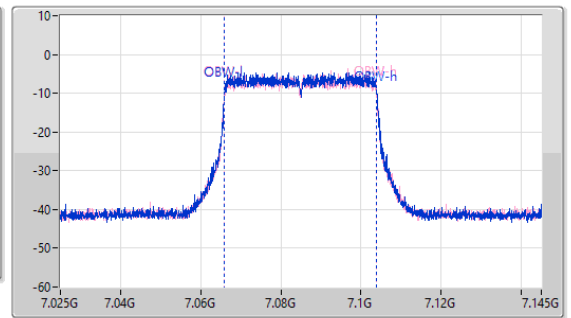
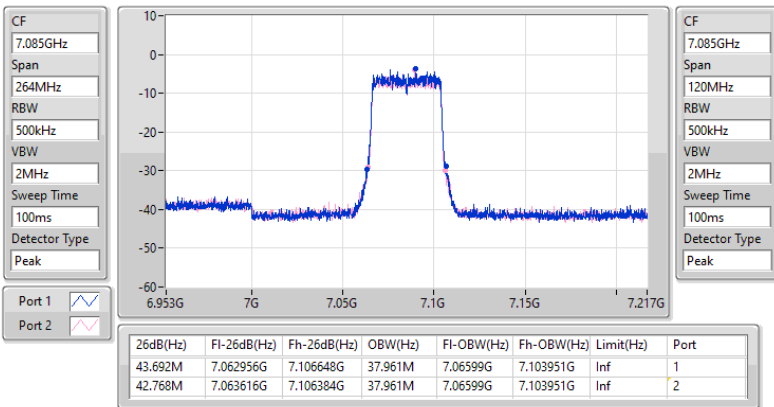


6.875-7.125GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

7085MHz

09/03/2023

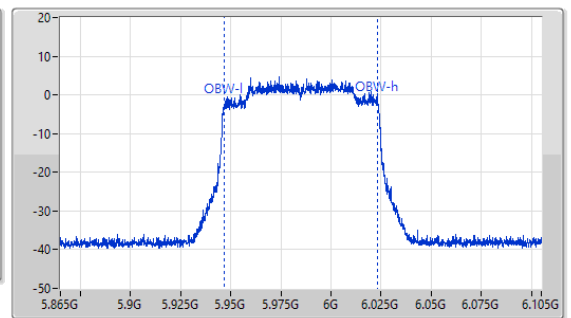
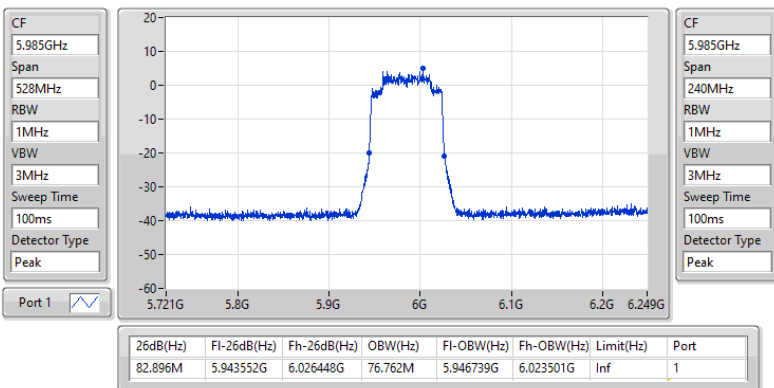


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5985MHz

09/03/2023

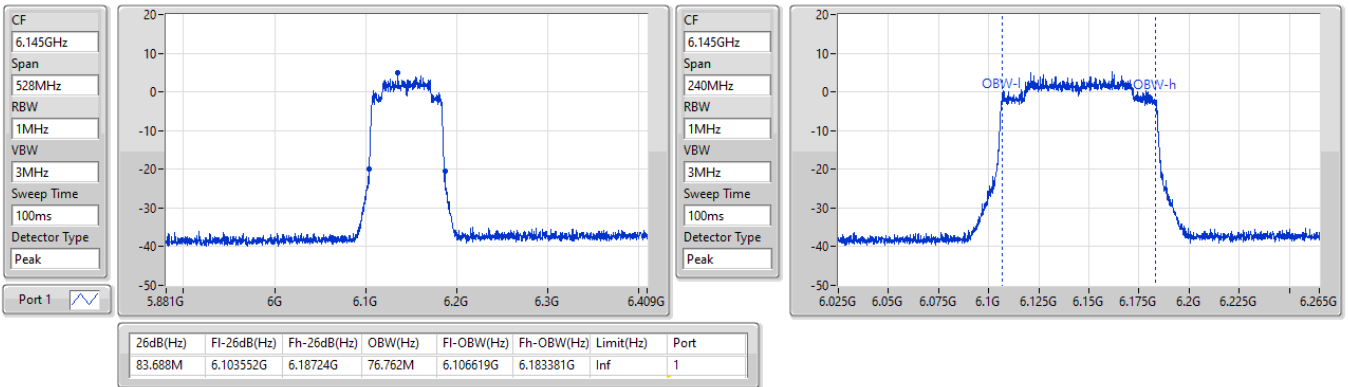


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6145MHz

09/03/2023

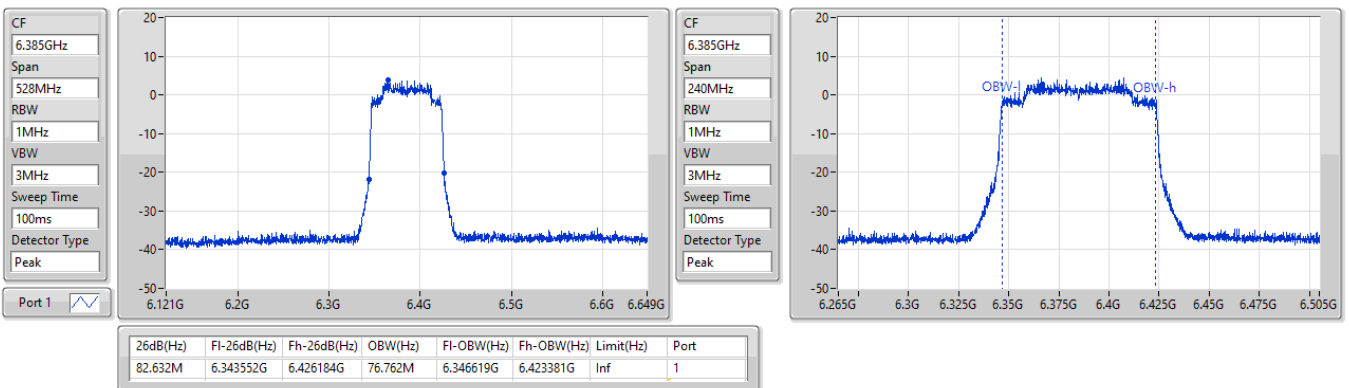


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6385MHz

09/03/2023

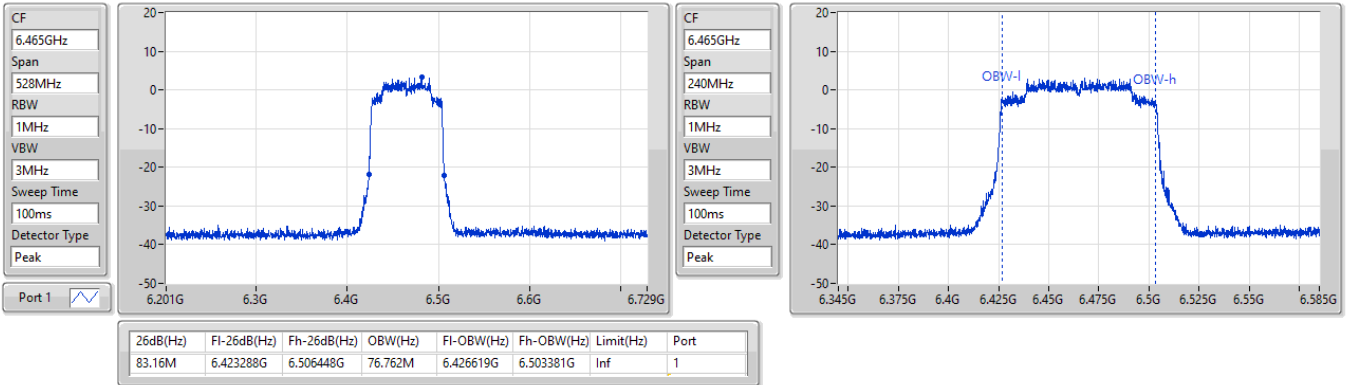


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6465MHz

09/03/2023

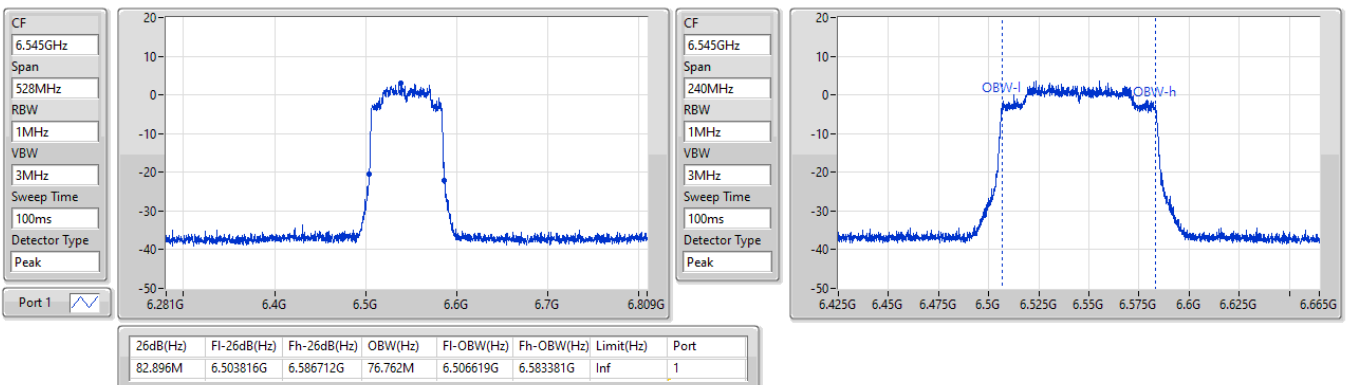


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6545MHz

09/03/2023

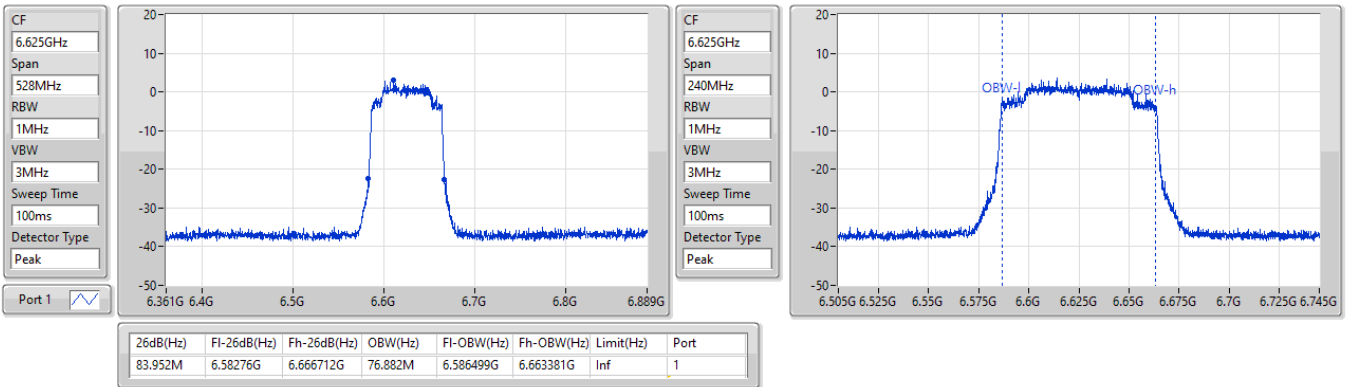


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6625MHz

09/03/2023

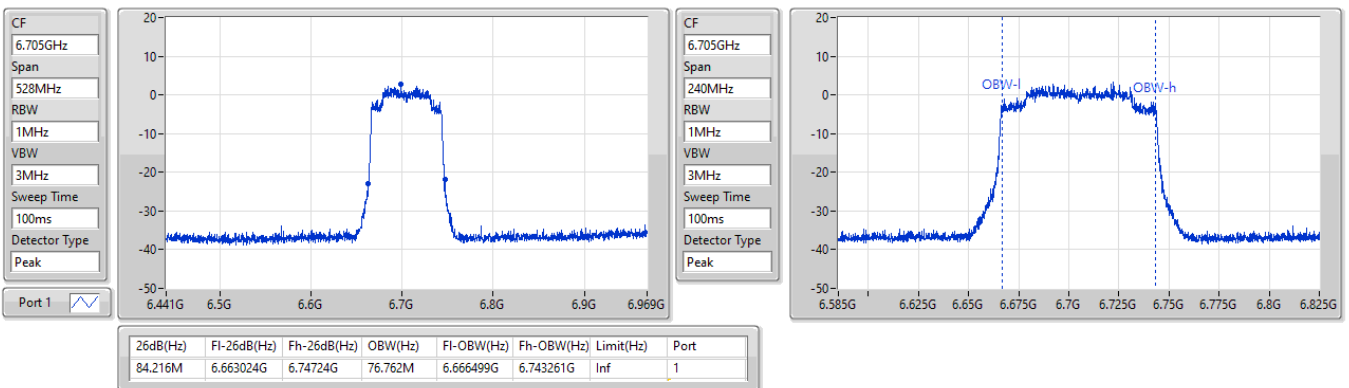


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6705MHz

09/03/2023

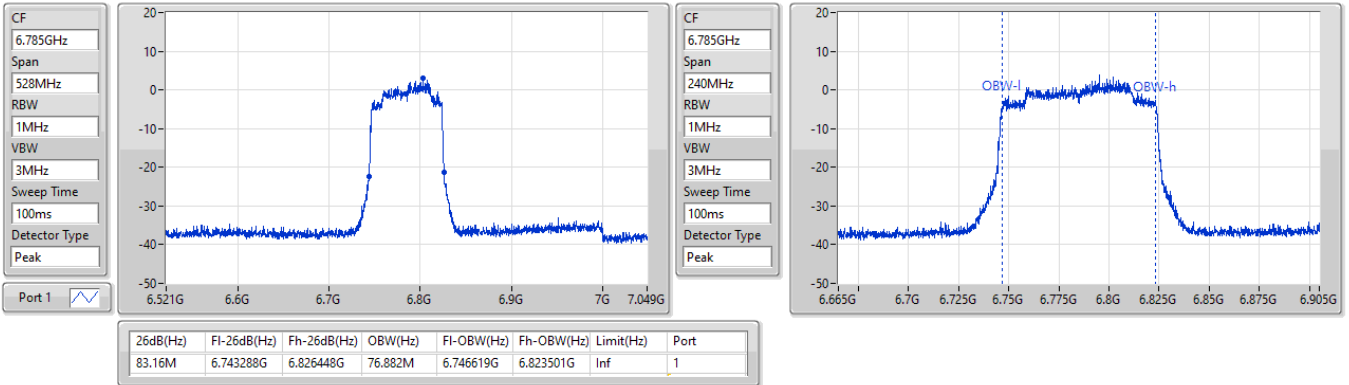


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6785MHz

09/03/2023

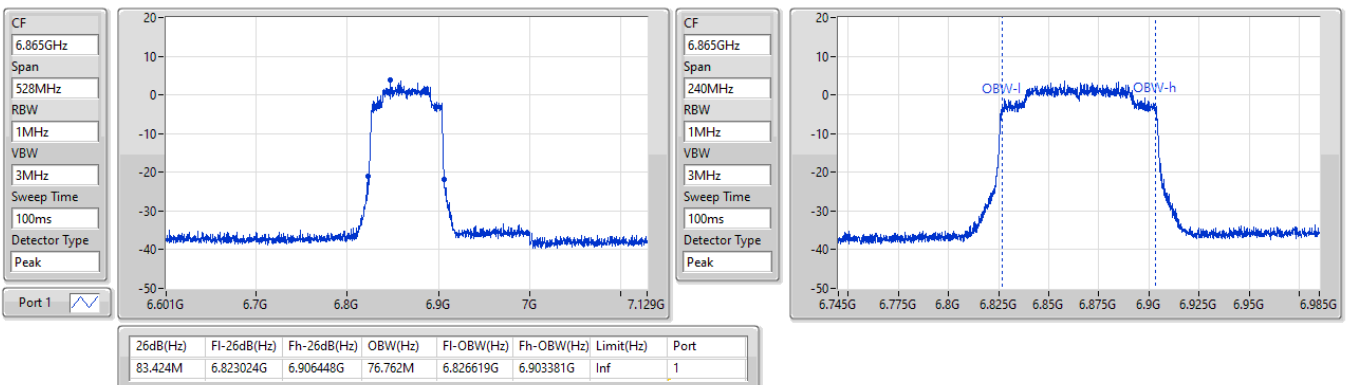


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6865MHz

09/03/2023

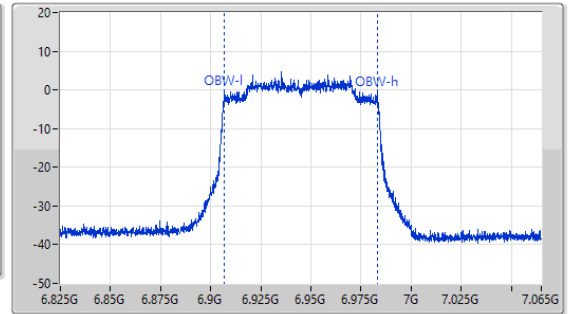
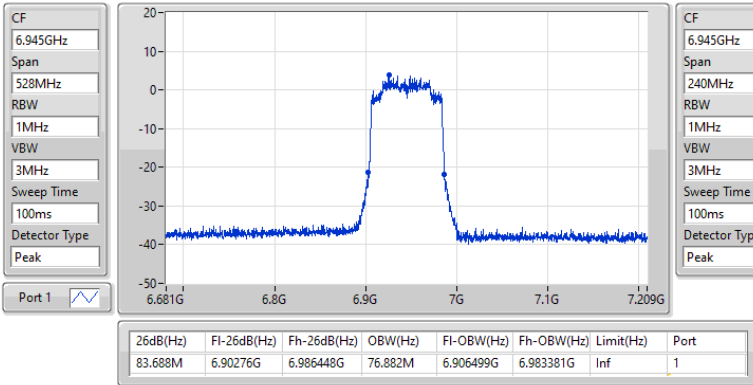


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6945MHz

09/03/2023

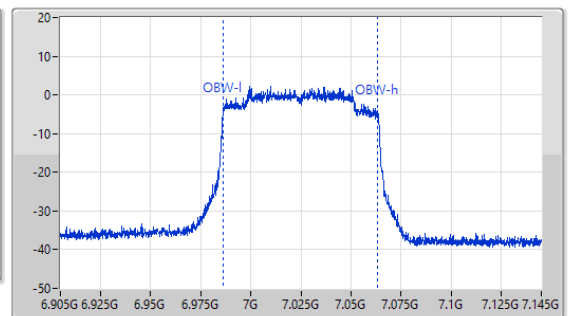
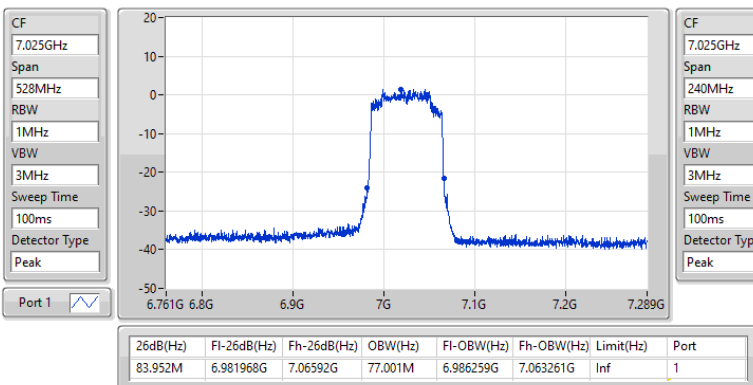


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

7025MHz

09/03/2023

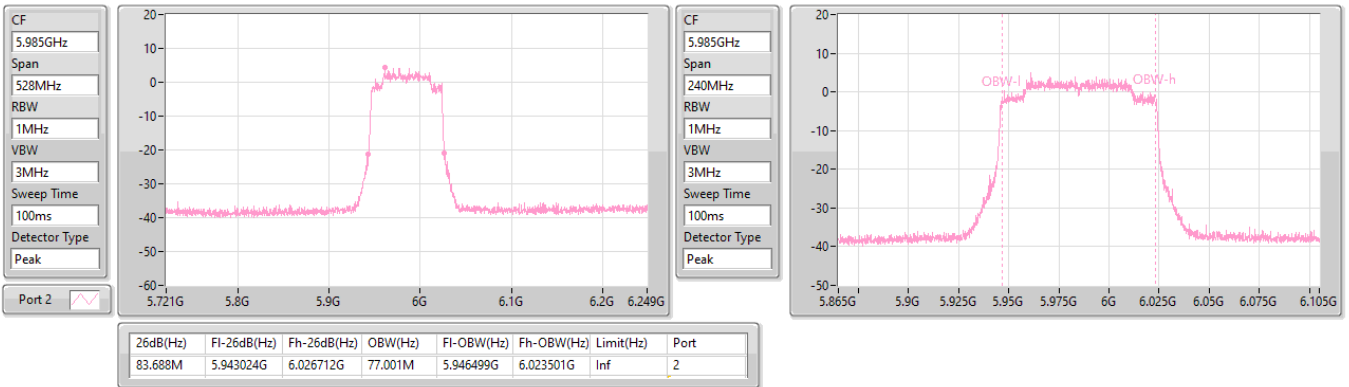


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5985MHz

09/03/2023

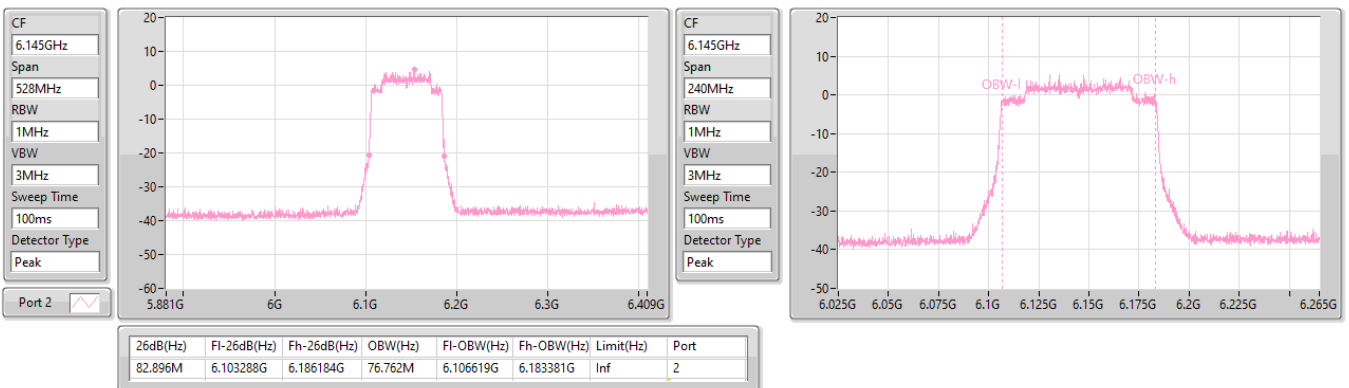


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6145MHz

09/03/2023

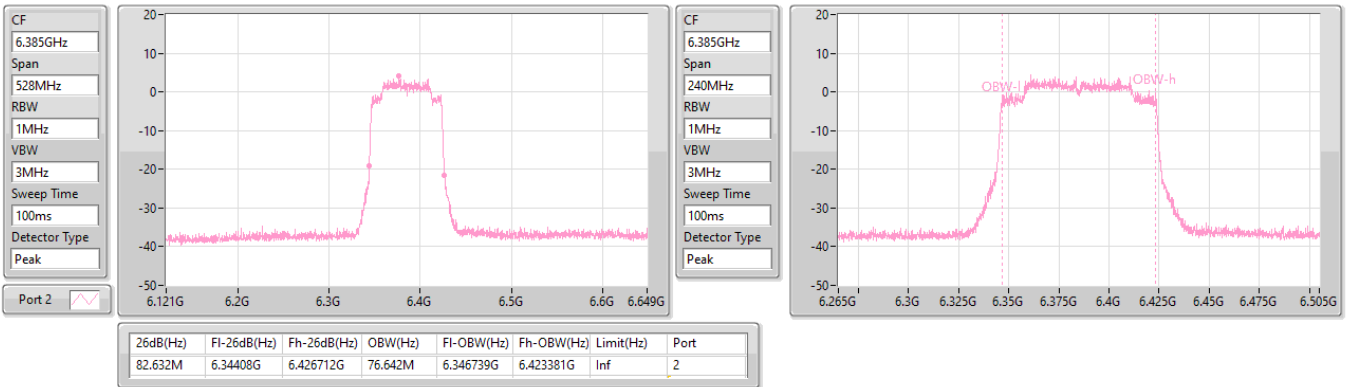


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6385MHz

09/03/2023

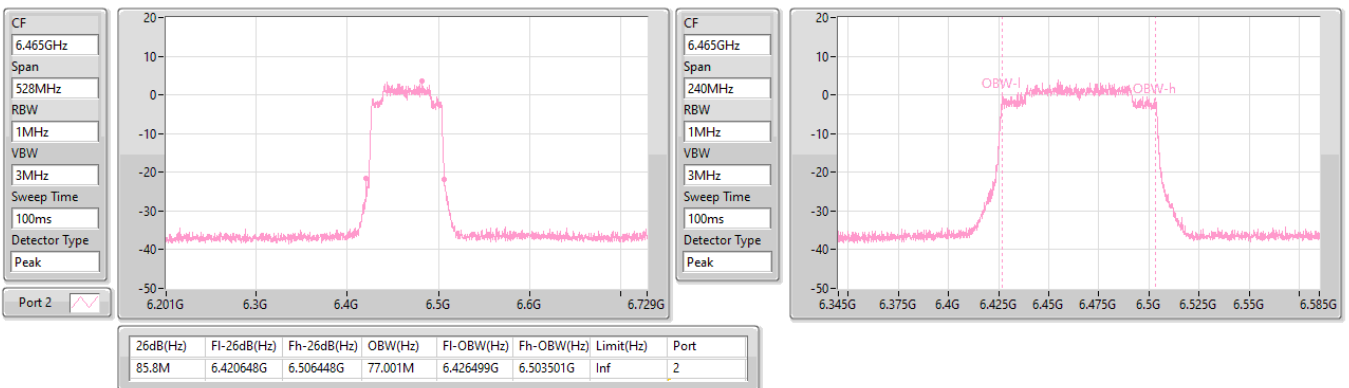


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6465MHz

09/03/2023

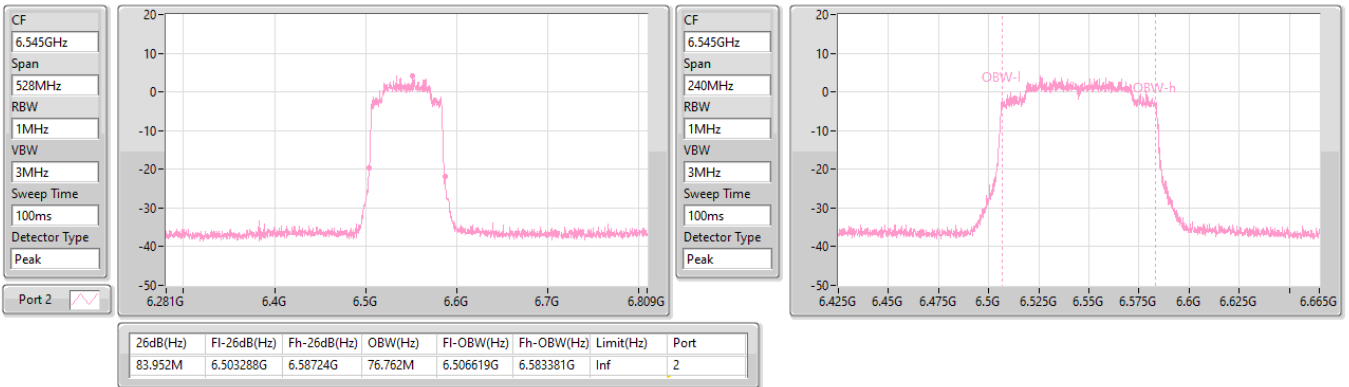


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6545MHz

09/03/2023

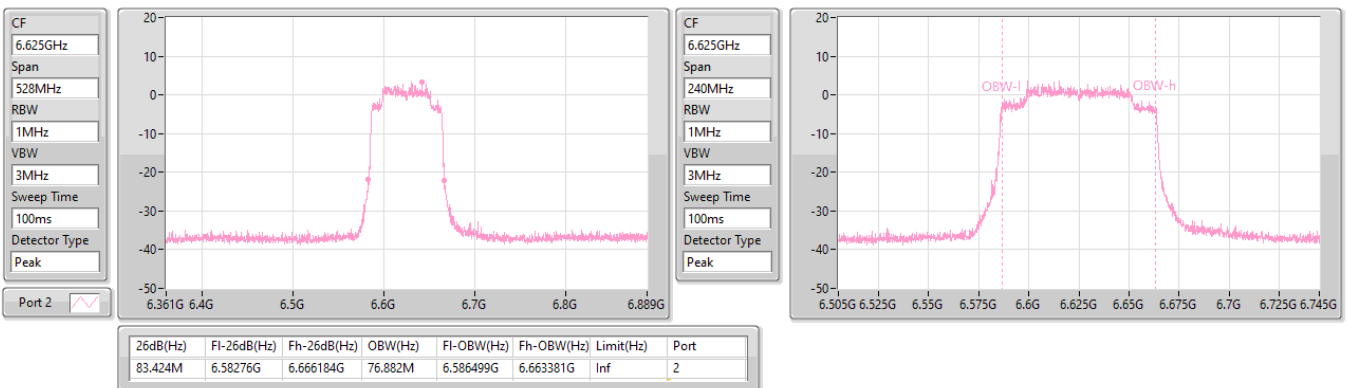


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6625MHz

09/03/2023

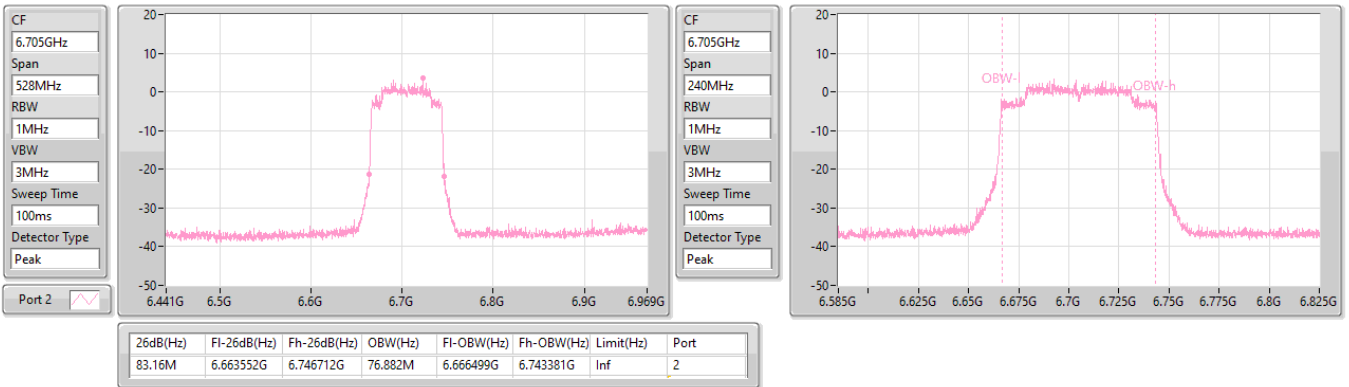


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6705MHz

09/03/2023

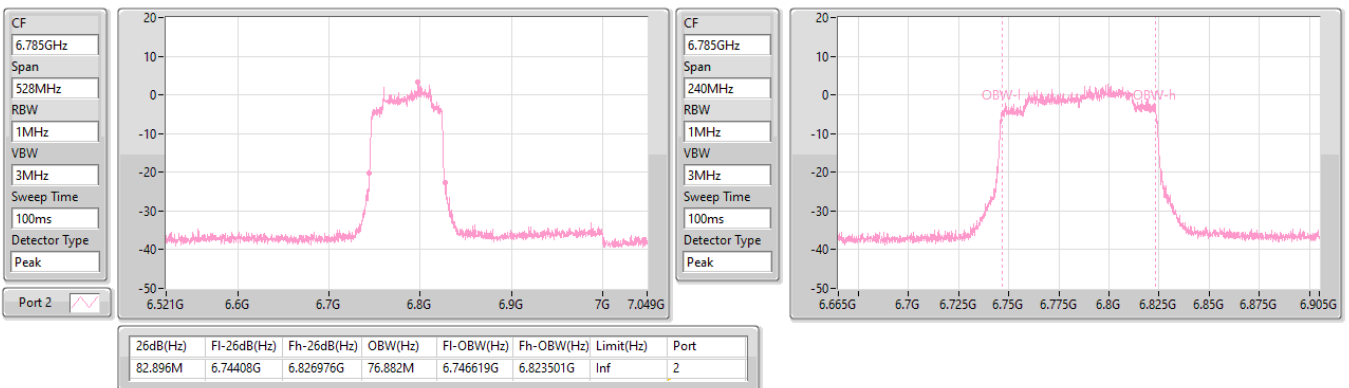


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6785MHz

09/03/2023

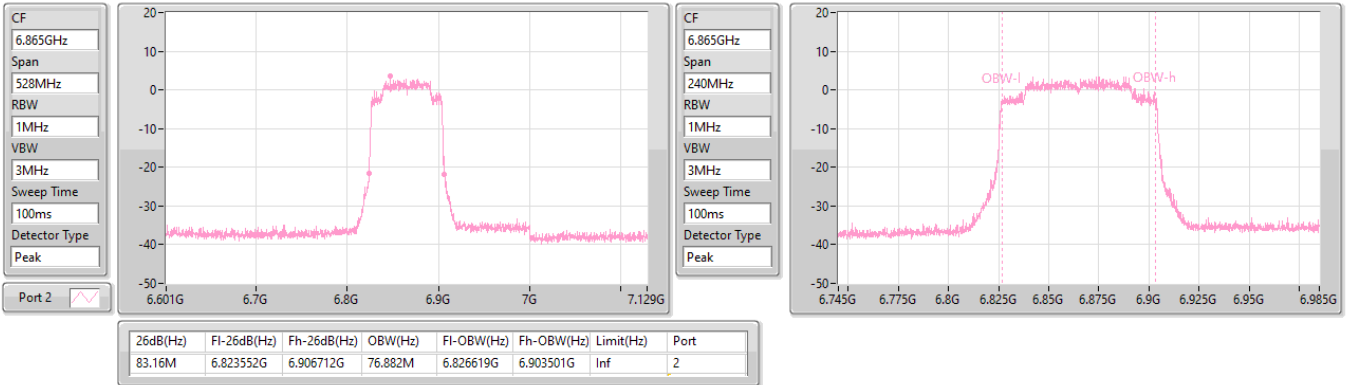


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6865MHz

09/03/2023

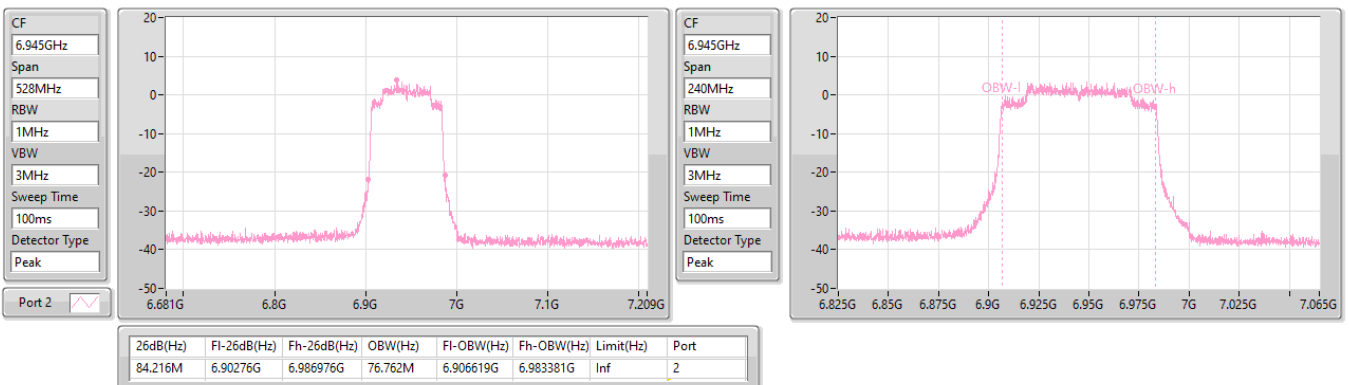


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

6945MHz

09/03/2023

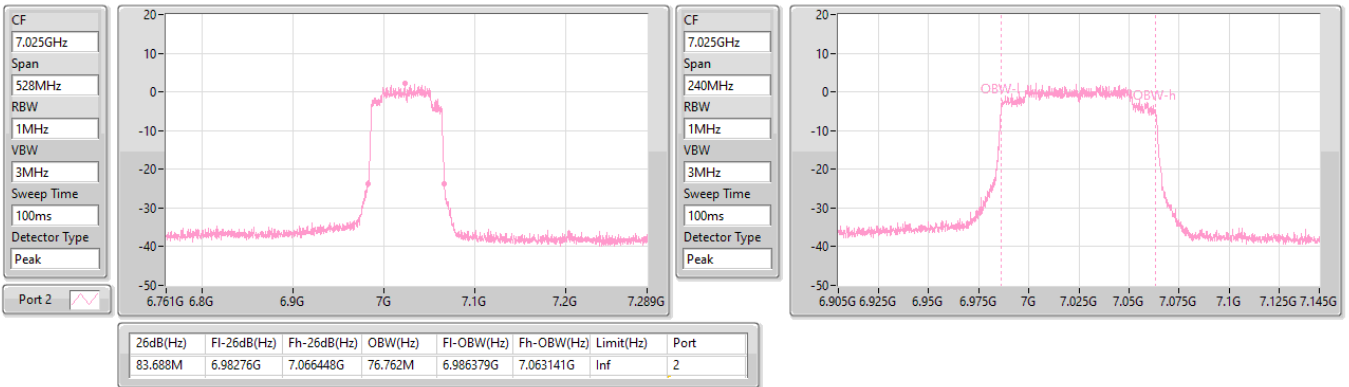


6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

7025MHz

09/03/2023

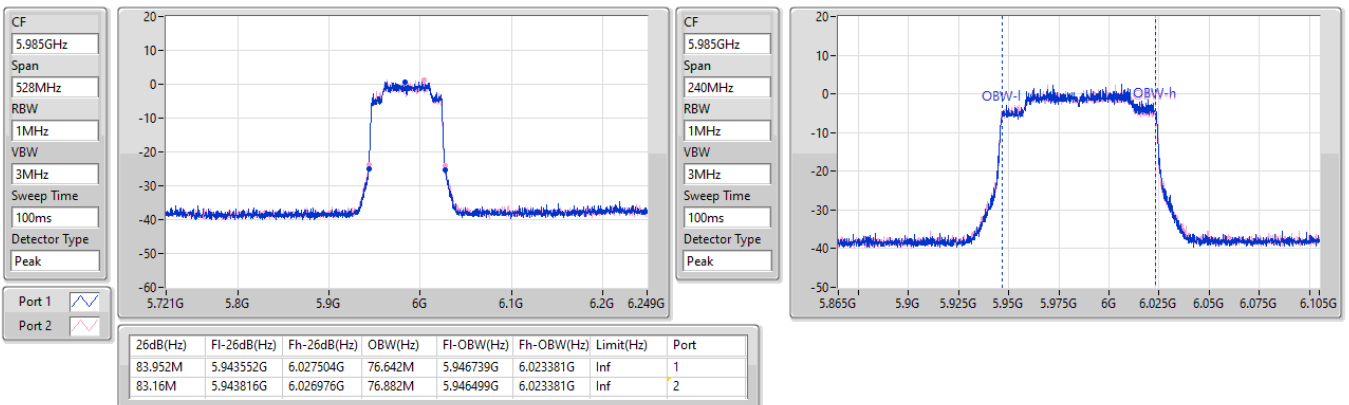


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5985MHz

09/03/2023

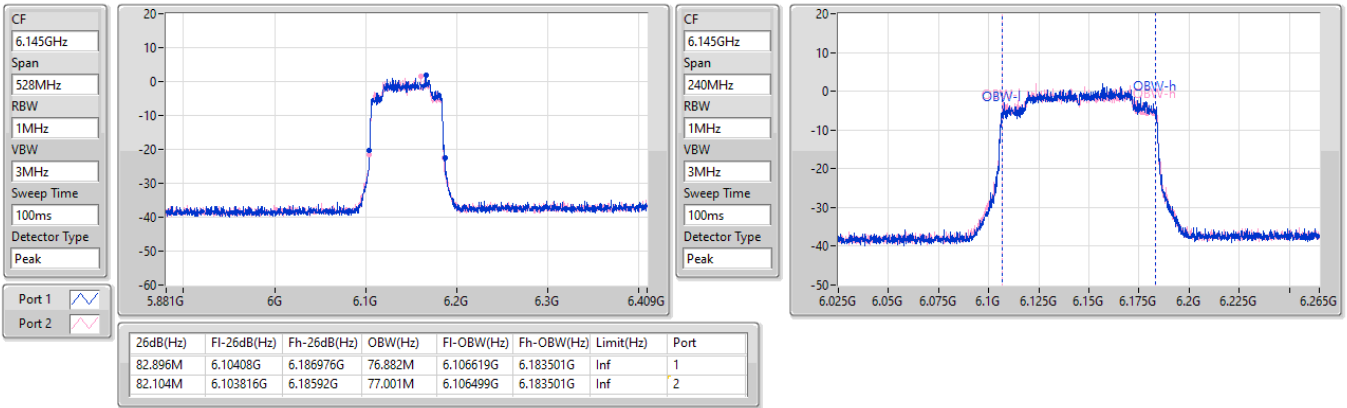


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6145MHz

09/03/2023

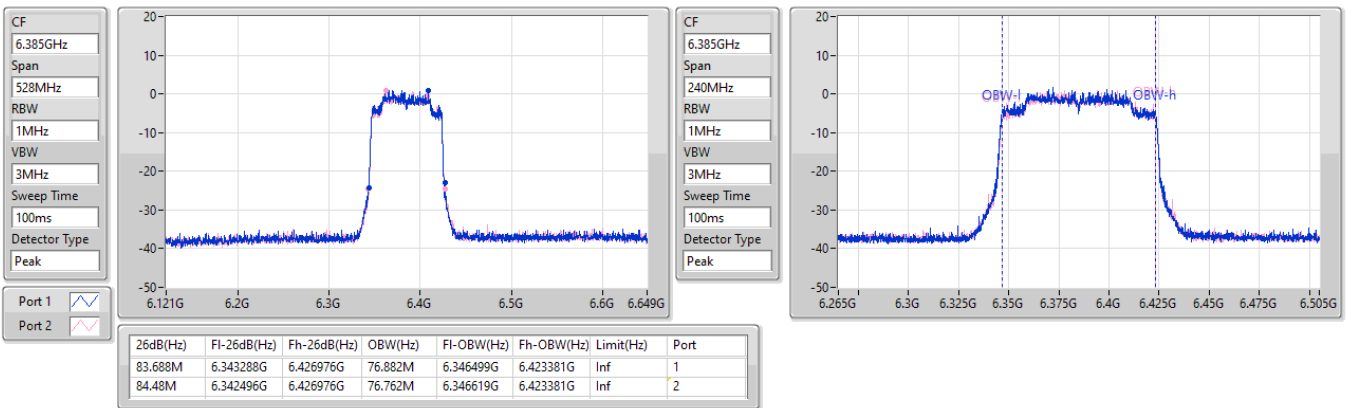


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6385MHz

09/03/2023

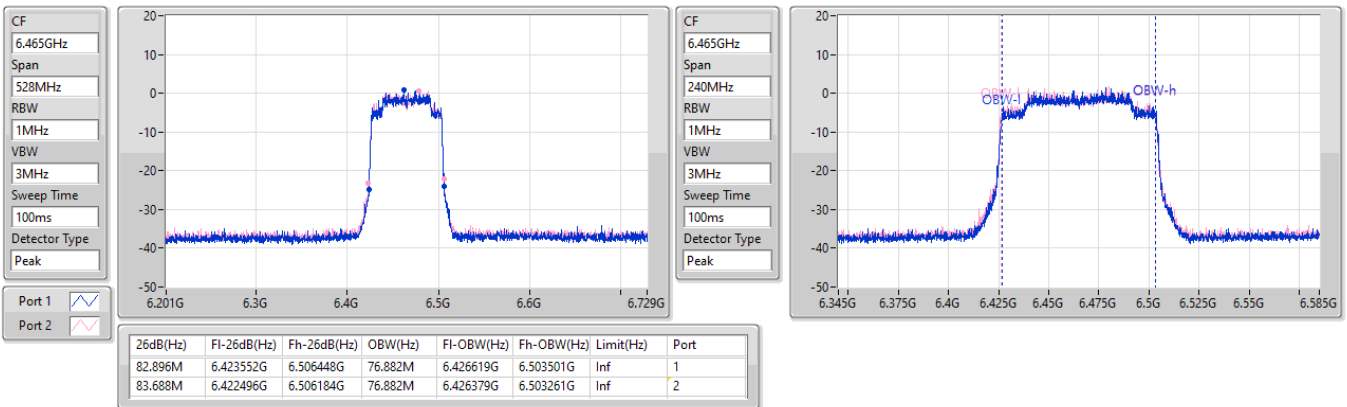


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6465MHz

09/03/2023

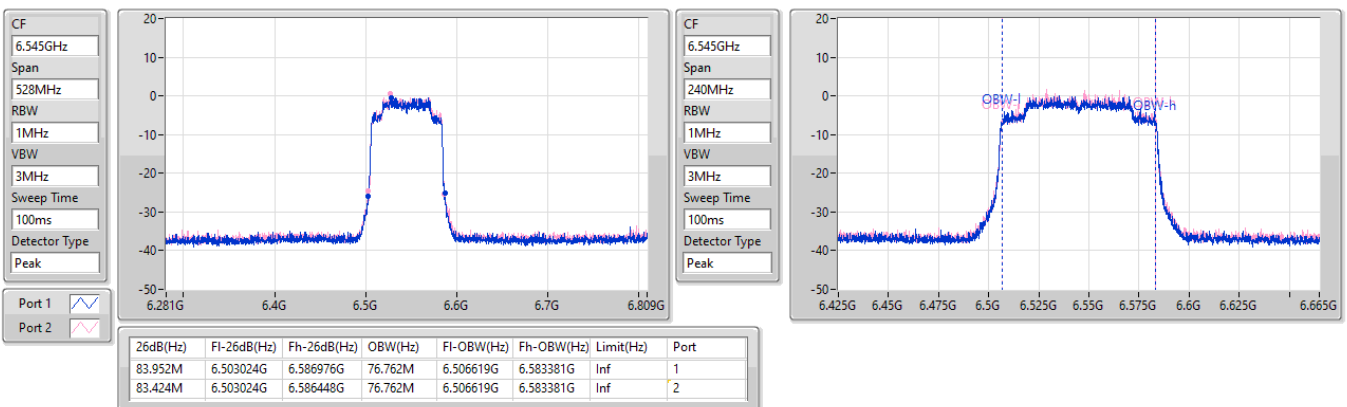


6.425-6.525GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6545MHz

09/03/2023



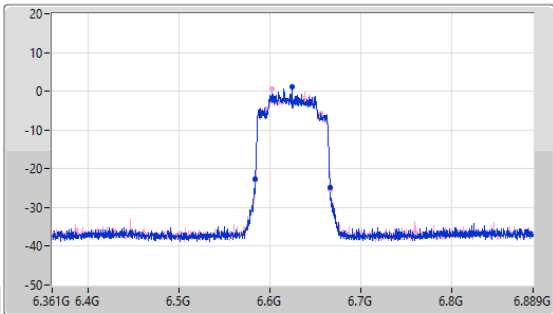
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

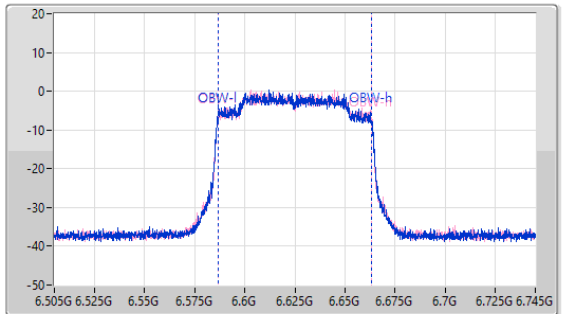
6625MHz

09/03/2023

CF
6.625GHz
Span
528MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.625GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.58408G	6.66592G	76.642M	6.586499G	6.663141G	Inf	1
81.84M	6.58408G	6.66592G	76.642M	6.586619G	6.663261G	Inf	2

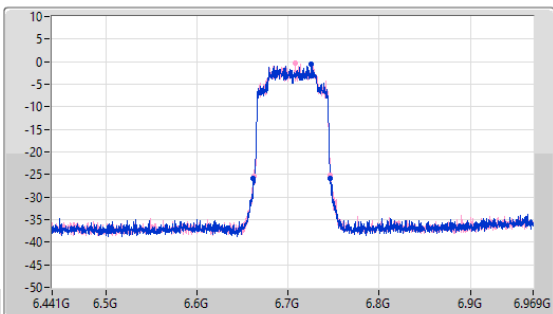
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

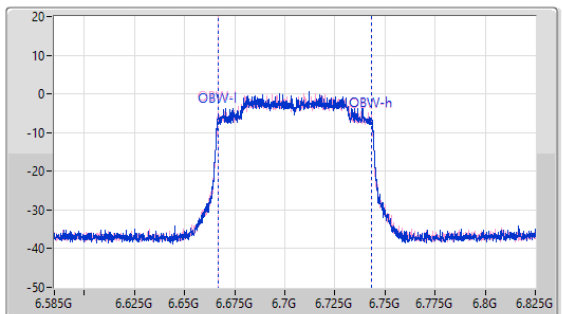
6705MHz

09/03/2023

CF
6.705GHz
Span
528MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.705GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.744M	6.661968G	6.746712G	76.882M	6.666499G	6.743381G	Inf	1
84.48M	6.662232G	6.746712G	76.762M	6.666619G	6.743381G	Inf	2

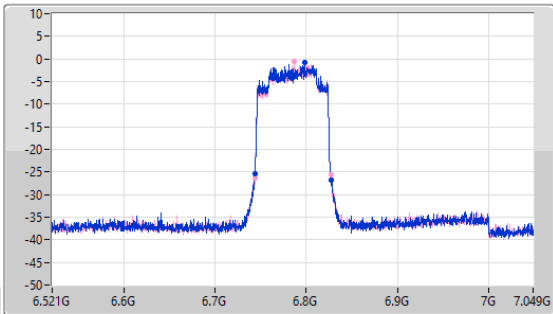
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

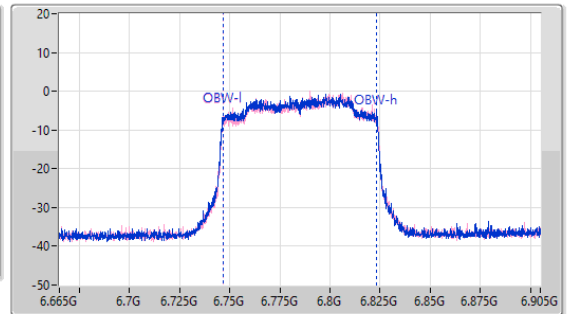
6785MHz

09/03/2023

CF: 6.785GHz
 Span: 528MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 6.785GHz
 Span: 240MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.952M	6.743288G	6.82724G	77.001M	6.746499G	6.823501G	Inf	1
83.424M	6.743552G	6.826976G	77.001M	6.746499G	6.823501G	Inf	2

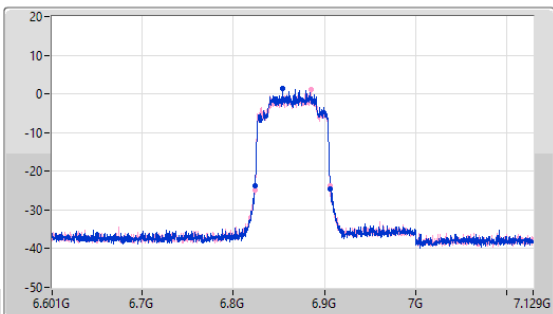
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

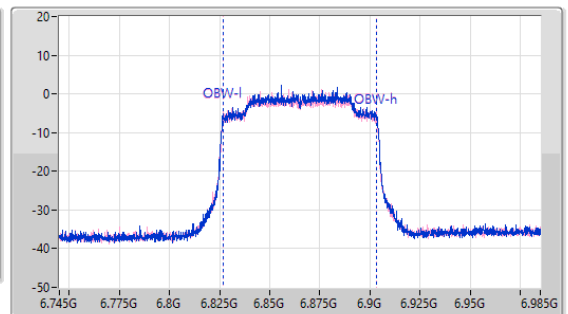
6865MHz

09/03/2023

CF: 6.865GHz
 Span: 528MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 6.865GHz
 Span: 240MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.424M	6.823288G	6.906712G	76.762M	6.826619G	6.903381G	Inf	1
82.368M	6.823552G	6.90592G	76.762M	6.826739G	6.903501G	Inf	2

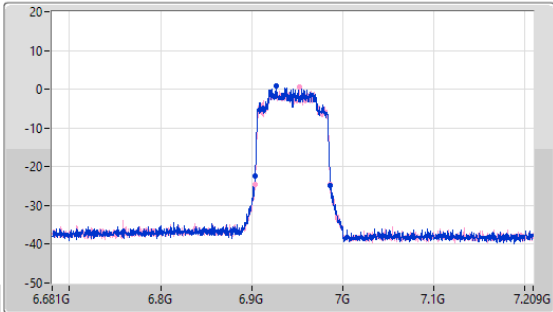
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

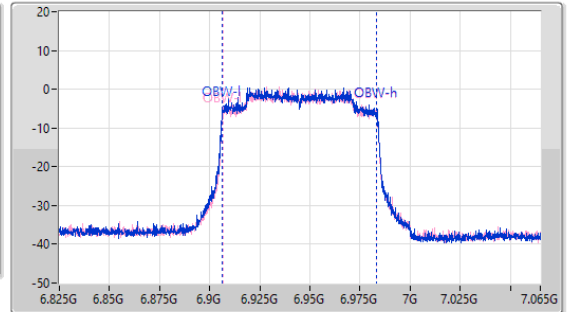
6945MHz

09/03/2023

CF: 6.945GHz
 Span: 528MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



CF: 6.945GHz
 Span: 240MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.424M	6.903288G	6.986712G	77.001M	6.906379G	6.983381G	Inf	1
82.896M	6.903552G	6.986448G	76.762M	6.906619G	6.983381G	Inf	2

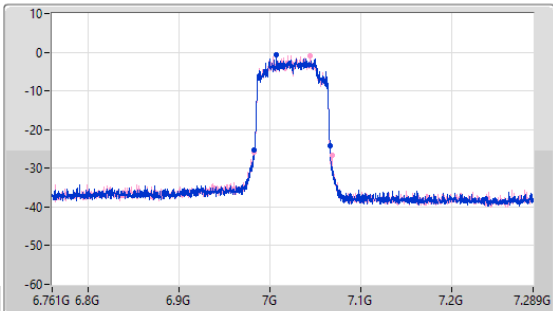
6.875-7.125GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

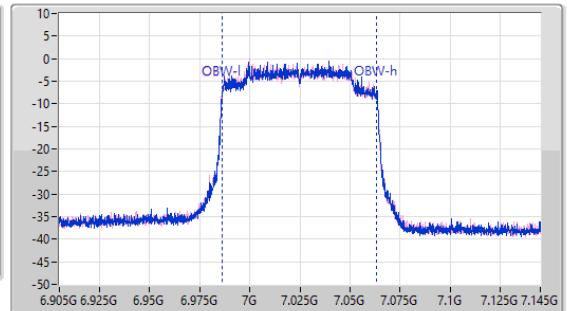
7025MHz

09/03/2023

CF: 7.025GHz
 Span: 528MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak
 Port 1: [Waveform icon]
 Port 2: [Waveform icon]



CF: 7.025GHz
 Span: 240MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



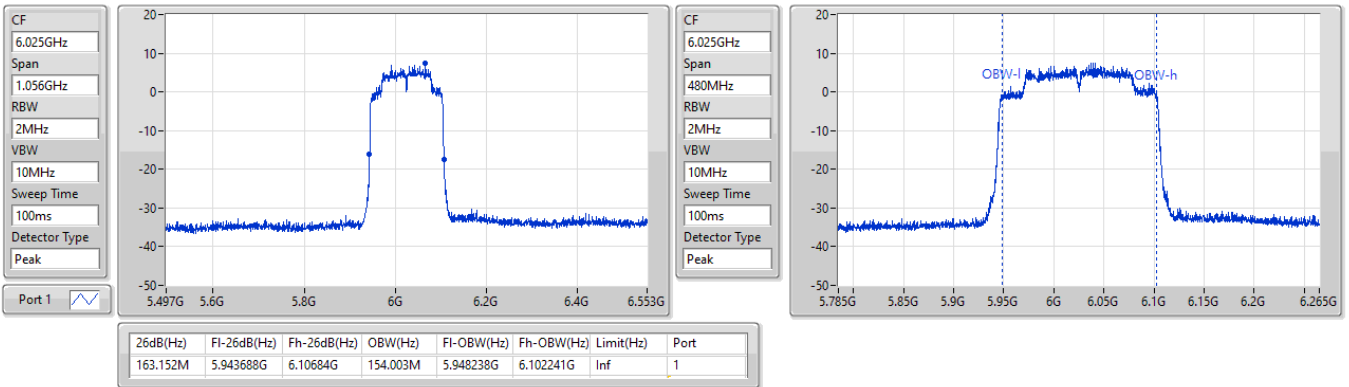
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.688M	6.982232G	7.06592G	77.001M	6.986379G	7.063381G	Inf	1
85.8M	6.982232G	7.068032G	77.001M	6.986259G	7.063261G	Inf	2

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6025MHz

09/03/2023

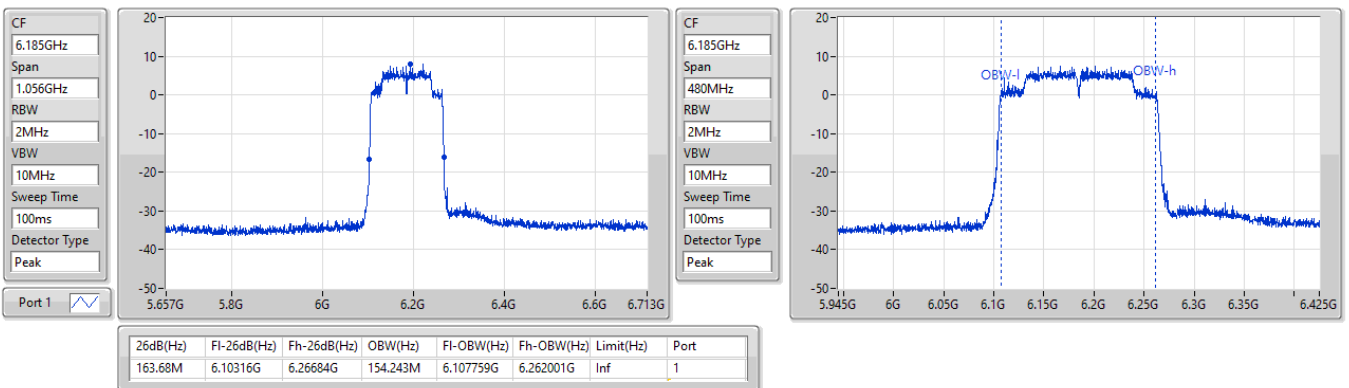


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6185MHz

09/03/2023

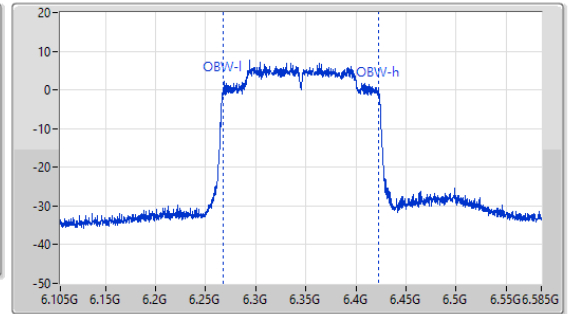
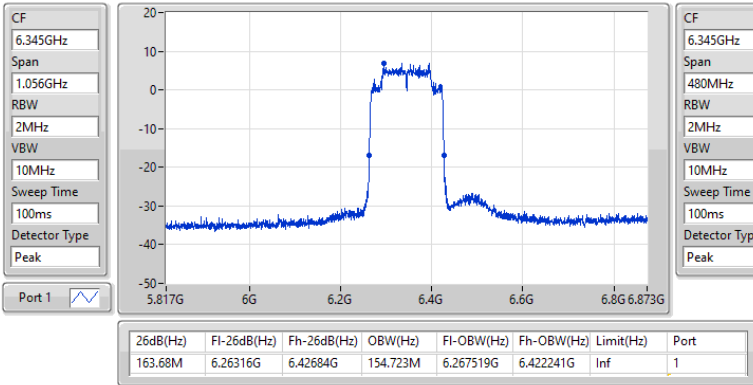


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6345MHz

09/03/2023

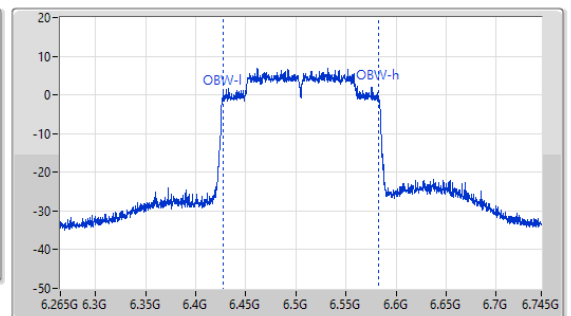
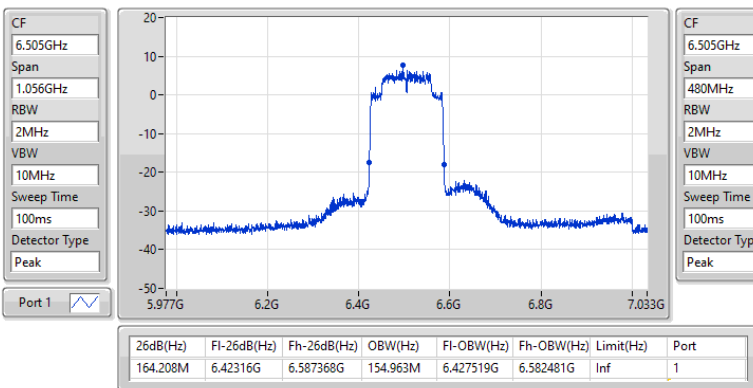


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6505MHz

09/03/2023

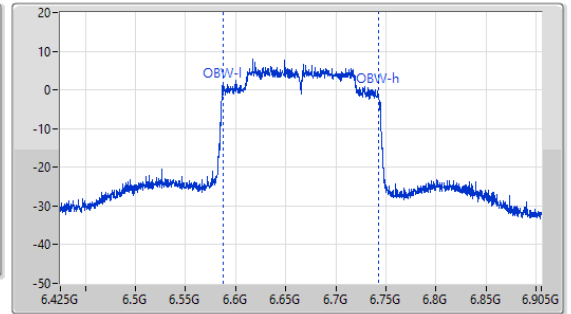
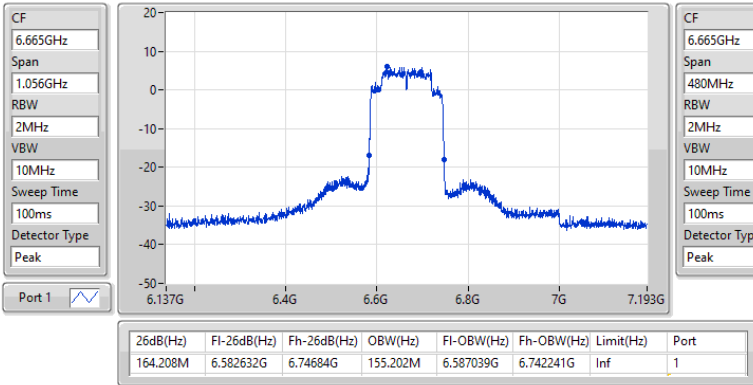


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6665MHz

09/03/2023

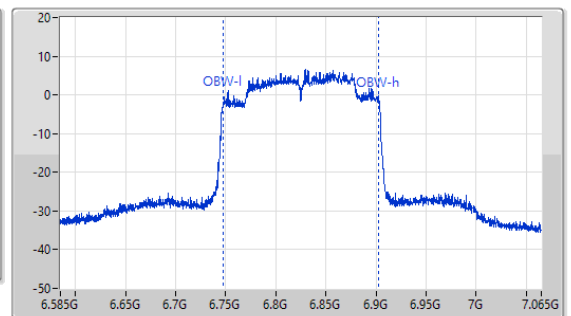
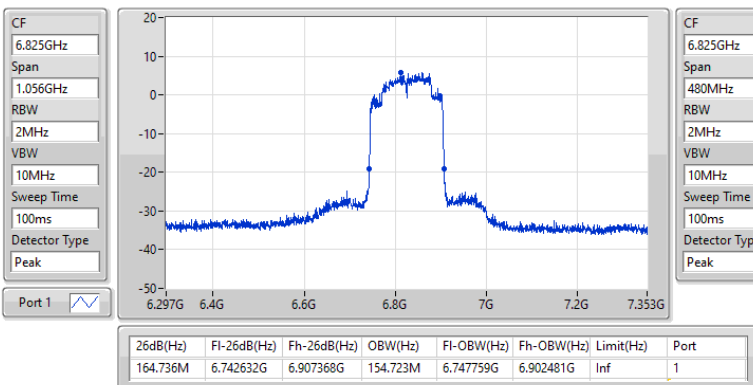


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6825MHz

09/03/2023



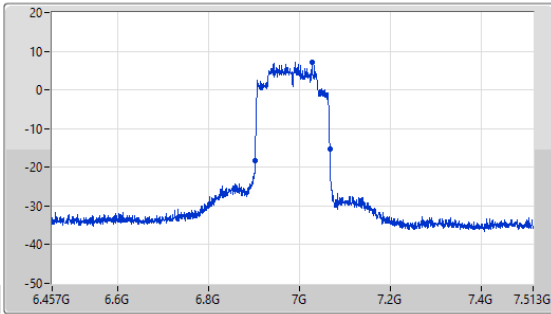
6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

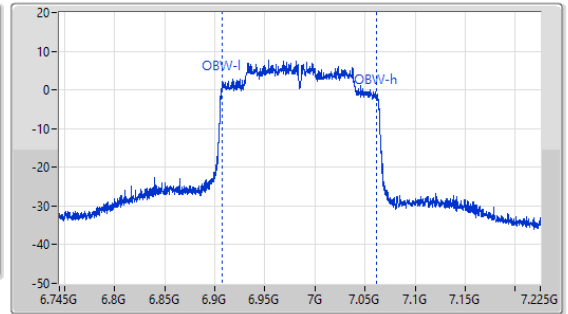
6985MHz

09/03/2023

CF
6.985GHz
Span
1.056GHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.985GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.208M	6.902104G	7.066312G	154.723M	6.907039G	7.061762G	Inf	1

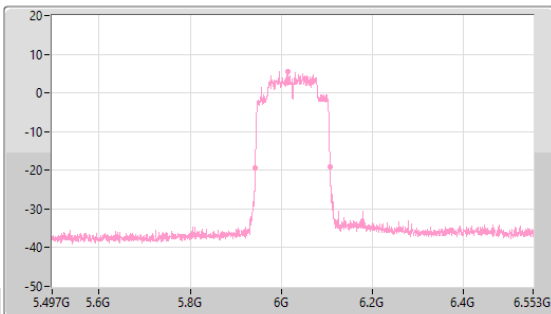
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

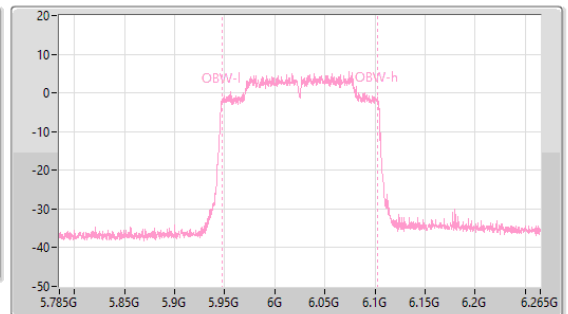
6025MHz

30/05/2023

CF
6.025GHz
Span
1.056GHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.025GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



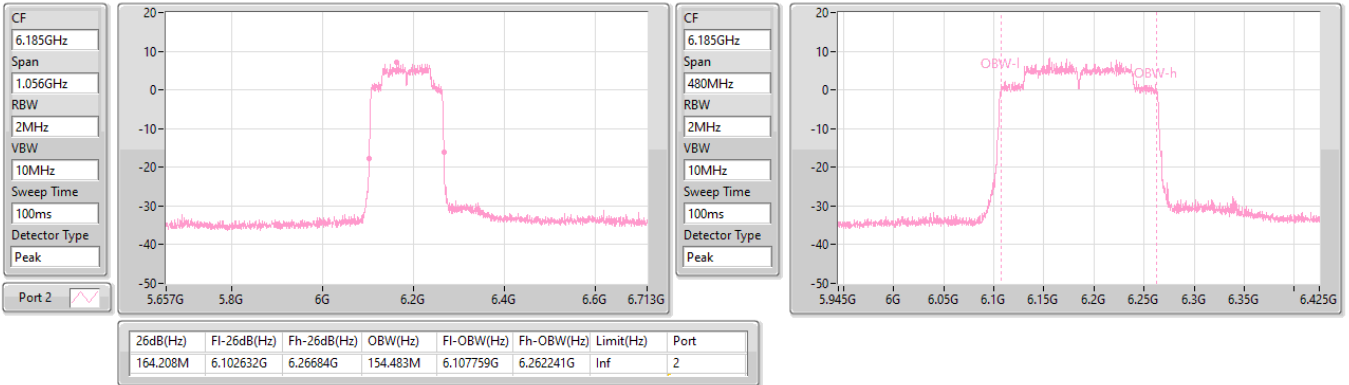
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.94316G	6.10684G	154.723M	5.947759G	6.102481G	Inf	2

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6185MHz

09/03/2023

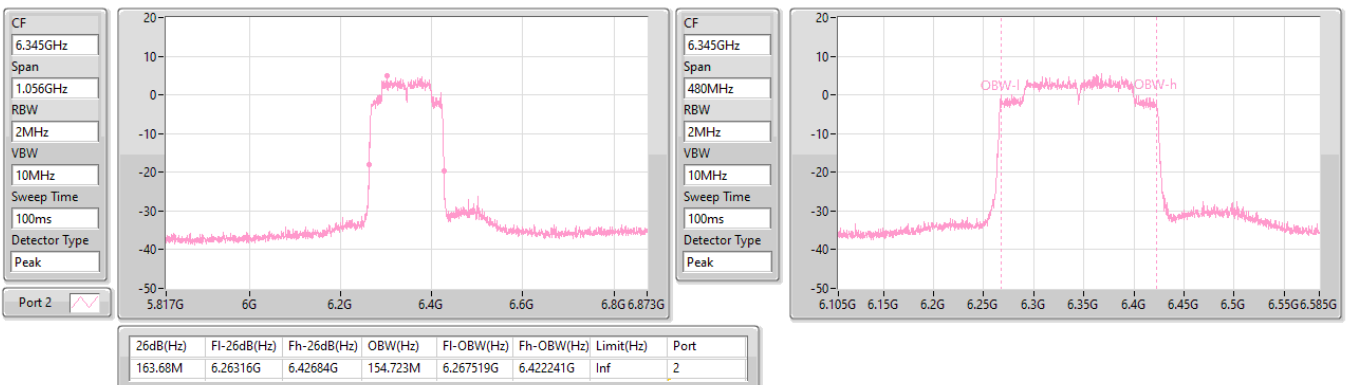


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6345MHz

30/05/2023

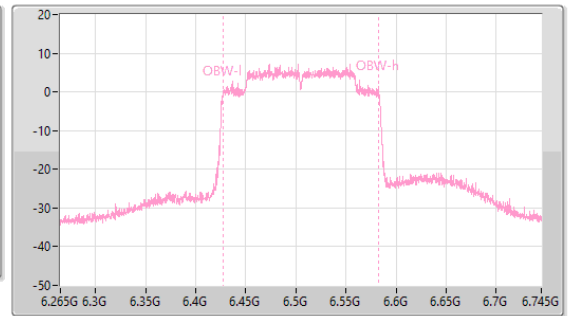
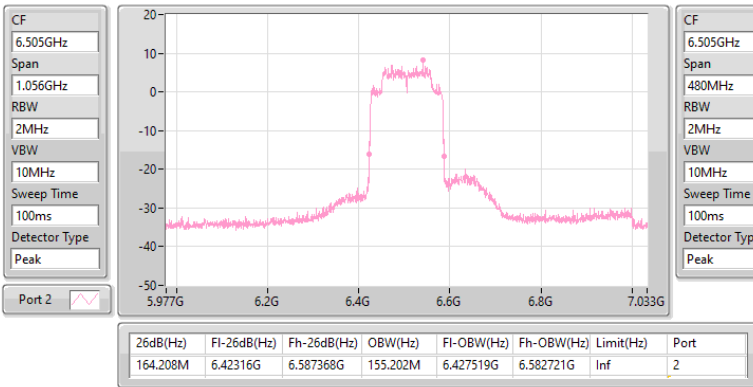


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6505MHz

09/03/2023

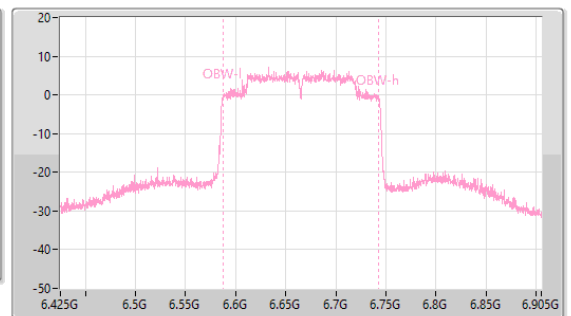
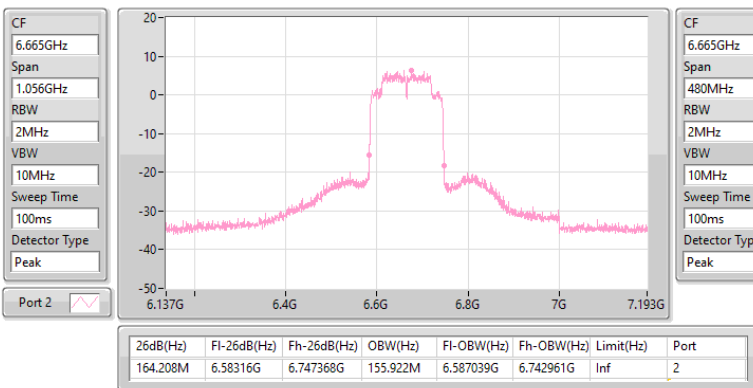


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6665MHz

09/03/2023

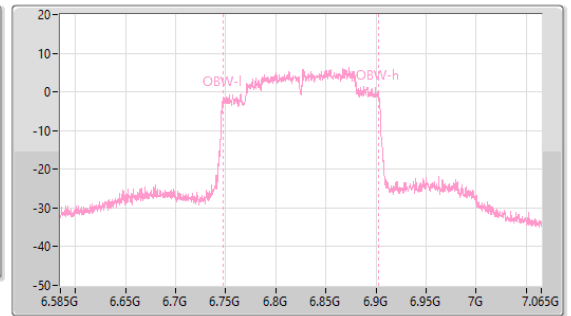
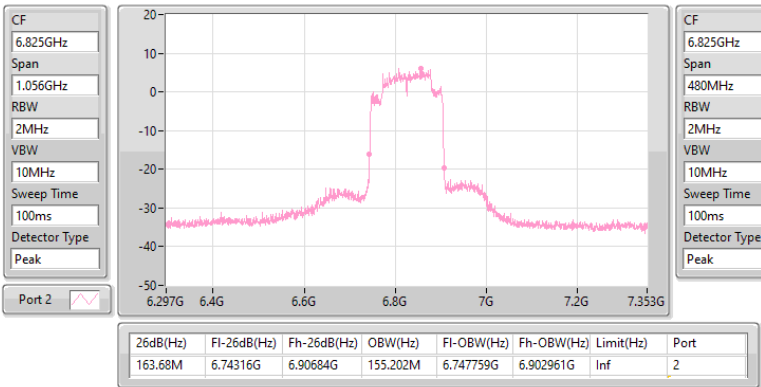


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6825MHz

09/03/2023

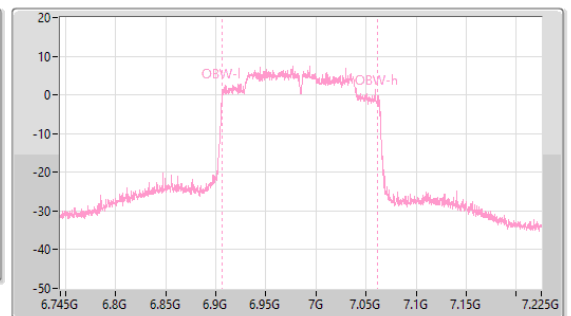
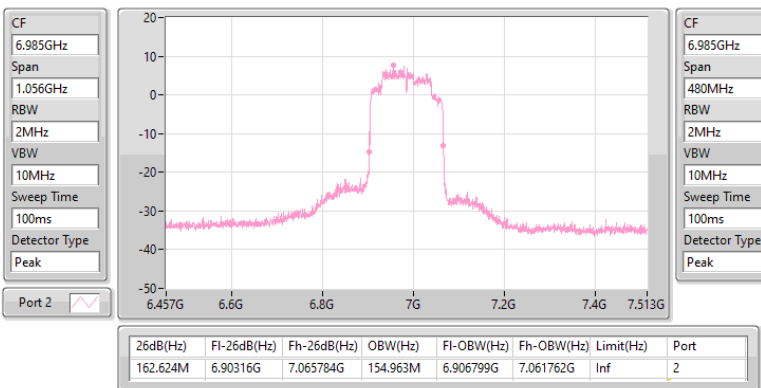


6.875-7.125GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

6985MHz

09/03/2023



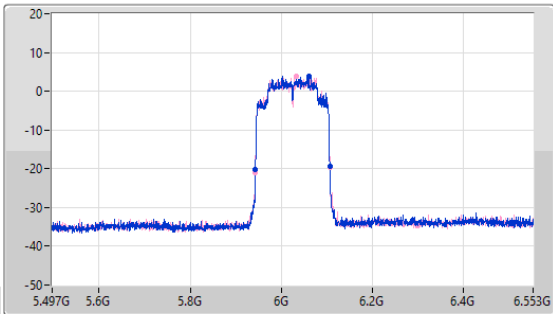
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

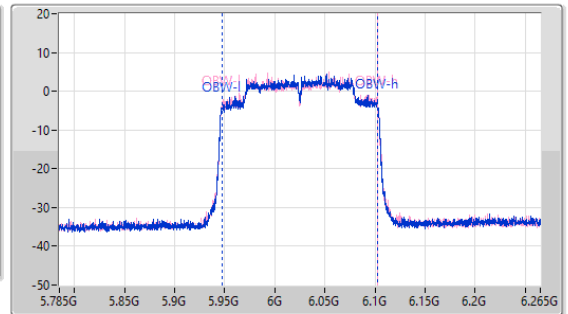
6025MHz

09/03/2023

CF
6.025GHz
Span
1.056GHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.025GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.94316G	6.10684G	154.483M	5.947759G	6.102241G	Inf	1
163.68M	5.94316G	6.10684G	154.723M	5.947759G	6.102481G	Inf	2

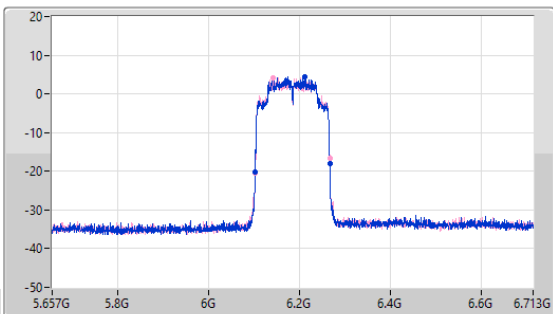
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

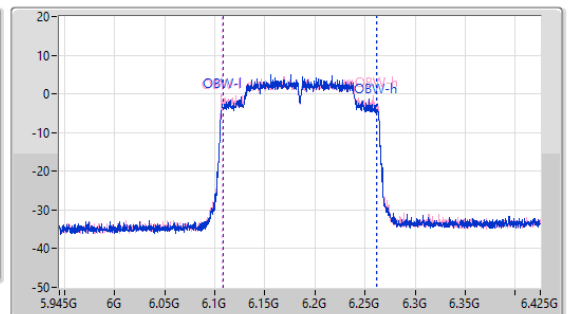
6185MHz

09/03/2023

CF
6.185GHz
Span
1.056GHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.185GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

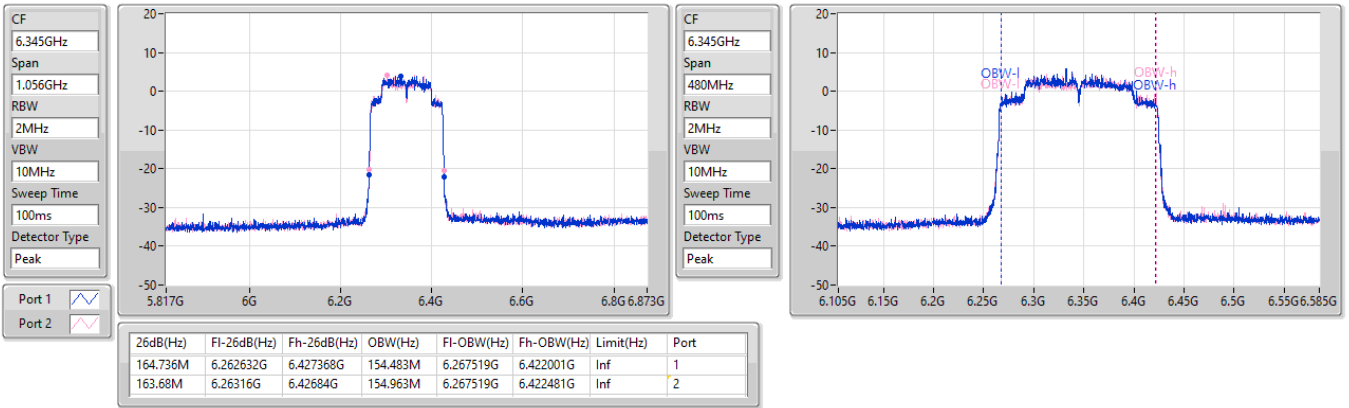
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.152M	6.10316G	6.266312G	154.003M	6.107999G	6.262001G	Inf	1
163.68M	6.102632G	6.266312G	154.963M	6.107279G	6.262241G	Inf	2

5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6345MHz

09/03/2023

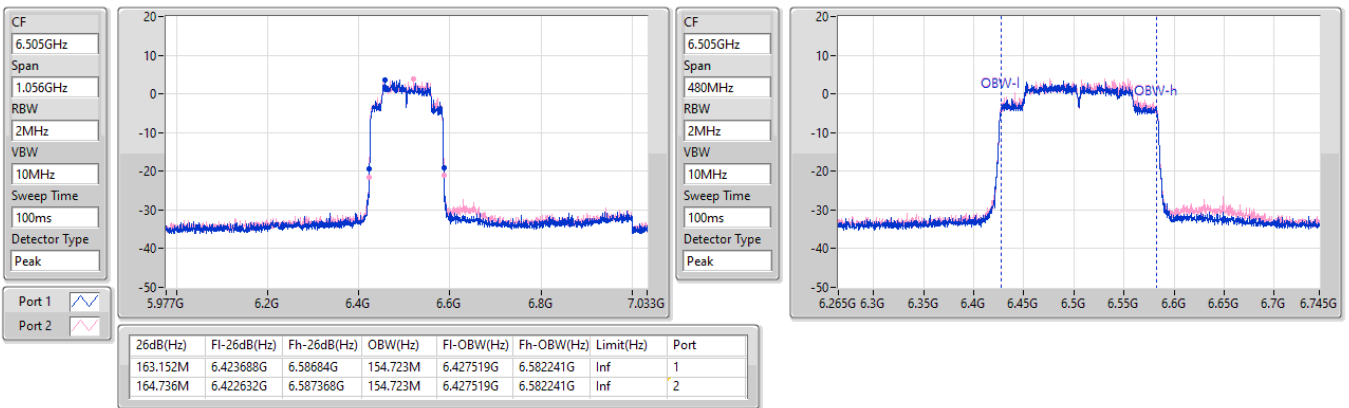


6.425-6.525GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6505MHz

09/03/2023



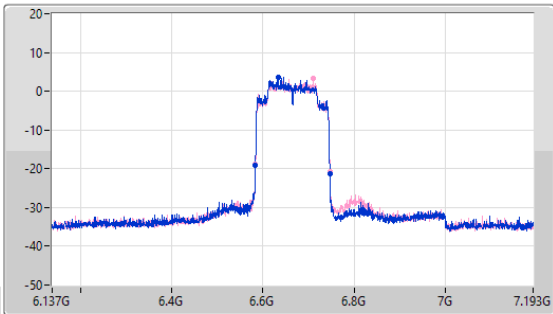
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

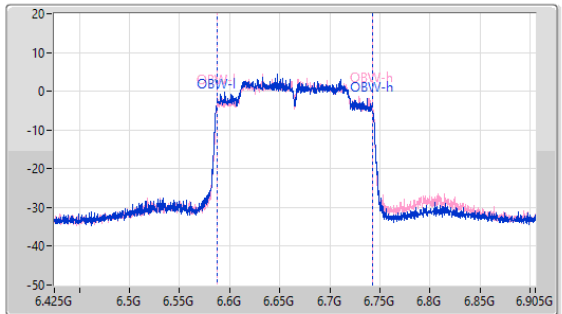
6665MHz

09/03/2023

CF
6.665GHz
Span
1.056GHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.665GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.208M	6.582632G	6.74684G	155.202M	6.587039G	6.742241G	Inf	1
164.208M	6.582632G	6.74684G	155.202M	6.587279G	6.742481G	Inf	2

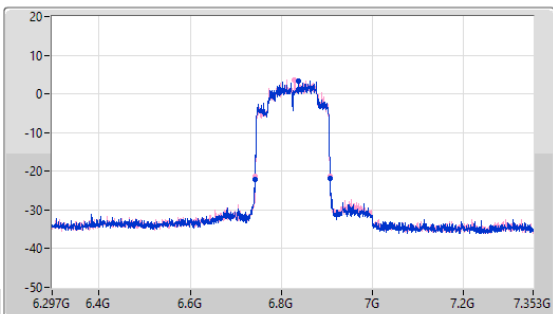
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

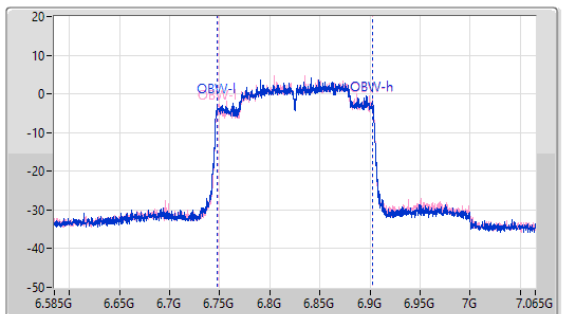
6825MHz

09/03/2023

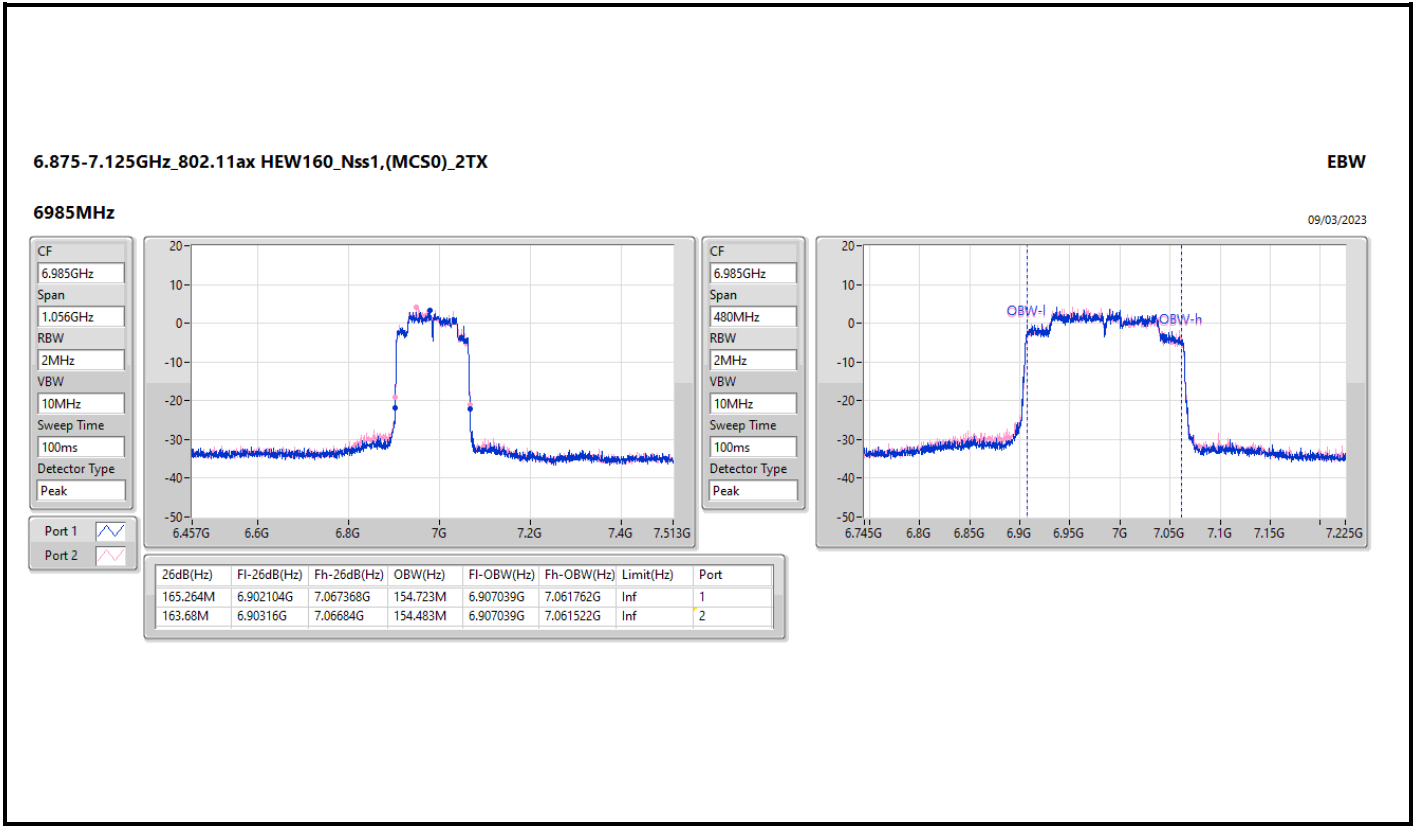
CF
6.825GHz
Span
1.056GHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.825GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.736M	6.742632G	6.907368G	155.202M	6.747519G	6.902721G	Inf	1
163.68M	6.74316G	6.90684G	154.723M	6.747999G	6.902721G	Inf	2



Note: Trace mode Max Hold.



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),RU 26,#RU 0_1TX(Port1)	22.044M	19.79M	19M8D1D	19.932M	18.591M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)	22.044M	19.91M	19M9D1D	21.978M	19.73M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)	22.242M	19.31M	19M3D1D	21.714M	19.28M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)	22.11M	19.25M	19M3D1D	22.044M	19.19M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port1)	22.77M	19.07M	19M1D1D	22.242M	18.891M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port2)	22.77M	18.951M	19M0D1D	22.308M	18.801M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	22.176M	19.97M	20M0D1D	21.384M	19.46M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	22.176M	19.37M	19M4D1D	21.318M	18.831M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	22.638M	19.04M	19M0D1D	21.846M	18.501M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_1TX(Port1)	23.76M	19.55M	19M6D1D	23.232M	19.49M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_1TX(Port2)	24.024M	19.55M	19M6D1D	23.76M	19.55M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	23.892M	19.67M	19M7D1D	23.364M	19.55M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_1TX(Port1)	48.048M	38.861M	38M9D1D	48.048M	38.861M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_1TX(Port2)	47.784M	39.46M	39M5D1D	47.784M	39.46M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_2TX	46.992M	38.861M	38M9D1D	46.992M	38.741M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_1TX(Port1)	85.536M	77.241M	77M2D1D	85.536M	77.241M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_1TX(Port2)	83.952M	77.241M	77M2D1D	83.952M	77.241M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_2TX	85.536M	77.001M	77M0D1D	84.48M	77.001M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port1)	21.846M	19.7M	19M7D1D	21.714M	19.67M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)	21.978M	19.85M	19M9D1D	21.978M	19.82M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)	22.374M	19.4M	19M4D1D	22.308M	19.34M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)	22.506M	19.43M	19M4D1D	21.846M	19.31M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port1)	22.77M	19.04M	19M0D1D	22.308M	18.831M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port2)	22.572M	18.981M	19M0D1D	22.176M	18.831M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	21.78M	19.79M	19M8D1D	20.988M	19.49M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	22.374M	19.25M	19M3D1D	21.186M	18.591M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	22.506M	18.921M	18M9D1D	22.176M	17.781M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_1TX(Port1)	23.892M	19.67M	19M7D1D	23.1M	19.55M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_1TX(Port2)	23.628M	19.61M	19M6D1D	23.232M	19.49M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	23.364M	19.79M	19M8D1D	23.232M	19.55M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_1TX(Port1)	48.84M	38.741M	38M7D1D	48.84M	38.741M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_1TX(Port2)	52.536M	38.621M	38M6D1D	52.536M	38.621M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_2TX	47.784M	38.981M	39M0D1D	46.992M	38.861M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_1TX(Port1)	89.76M	77.241M	77M2D1D	89.76M	77.241M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_1TX(Port2)	92.4M	77.481M	77M5D1D	92.4M	77.481M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_2TX	83.424M	77.481M	77M5D1D	83.424M	77.481M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)	22.902M	20.45M	20M5D1D	22.44M	20.33M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)	22.968M	20.36M	20M4D1D	22.506M	20.3M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)	22.902M	19.91M	19M9D1D	22.902M	19.73M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)	23.298M	19.82M	19M8D1D	22.836M	19.19M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX(Port1)	23.166M	19.4M	19M4D1D	22.77M	19.34M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX(Port2)	23.034M	19.55M	19M6D1D	22.968M	19.49M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	22.836M	20.48M	20M5D1D	21.45M	19.43M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	22.968M	20.06M	20M1D1D	21.516M	18.981M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	23.364M	19.28M	19M3D1D	21.516M	18.471M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_1TX(Port1)	23.628M	19.55M	19M6D1D	23.232M	19.49M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_1TX(Port2)	23.892M	19.61M	19M6D1D	23.232M	19.55M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	23.892M	19.61M	19M6D1D	22.968M	19.49M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_1TX(Port1)	44.616M	38.861M	38M9D1D	44.616M	38.861M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_1TX(Port2)	44.088M	38.741M	38M7D1D	44.088M	38.741M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_2TX	48.576M	38.981M	39M0D1D	45.936M	38.741M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_1TX(Port1)	90.816M	77.721M	77M7D1D	90.816M	77.721M

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_1TX(Port2)	99.792M	77.961M	78MOD1D	99.792M	77.961M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_2TX	89.232M	77.481M	77M5D1D	83.424M	77.241M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)	22.704M	20.72M	20M7D1D	22.44M	20.27M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)	23.232M	20.51M	20M5D1D	22.242M	20.15M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)	23.232M	20M	20M0D1D	21.12M	18.471M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)	22.968M	20.03M	20M0D1D	22.77M	19.64M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX(Port1)	23.364M	19.61M	19M6D1D	21.252M	18.231M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX(Port2)	23.298M	19.46M	19M5D1D	21.582M	18.261M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	23.034M	21.559M	21M6D1D	21.318M	19.46M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	23.034M	20.3M	20M3D1D	21.45M	18.831M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	23.232M	19.76M	19M8D1D	19.8M	17.811M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_1TX(Port1)	24.552M	19.49M	19M5D1D	24.552M	19.49M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_1TX(Port2)	23.364M	19.55M	19M6D1D	23.364M	19.55M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	24.156M	19.61M	19M6D1D	23.232M	19.61M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_1TX(Port1)	46.992M	39.1M	39M1D1D	46.992M	39.1M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_1TX(Port2)	44.088M	38.741M	38M7D1D	44.088M	38.741M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_2TX	46.464M	39.1M	39M1D1D	44.616M	38.741M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_1TX(Port1)	90.288M	77.481M	77M5D1D	90.288M	77.481M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_1TX(Port2)	98.208M	78.201M	78M2D1D	98.208M	78.201M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_2TX	88.704M	77.481M	77M5D1D	83.952M	77.241M

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),RU 26,#RU 0_1TX(Port1)	-	-	-	-	-	-
5955MHz	Pass	Inf	22.044M	19.79M		
6415MHz	Pass	Inf	19.932M	18.591M		
6435MHz	Pass	Inf	21.714M	19.7M		
6475MHz	Pass	Inf	21.846M	19.67M		
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)	-	-	-	-	-	-
5955MHz	Pass	Inf			21.978M	19.91M
6415MHz	Pass	Inf			22.044M	19.73M
6435MHz	Pass	Inf			21.978M	19.85M
6475MHz	Pass	Inf			21.978M	19.82M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	22.176M	19.97M	21.582M	19.46M
6415MHz	Pass	Inf	21.78M	19.88M	21.384M	19.49M
6435MHz	Pass	Inf	21.516M	19.7M	21.516M	19.49M
6475MHz	Pass	Inf	21.78M	19.79M	20.988M	19.58M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)	-	-	-	-	-	-
6535MHz	Pass	Inf	22.902M	20.45M		
6695MHz	Pass	Inf	22.44M	20.33M		
6895MHz	Pass	Inf	22.704M	20.66M		
6995MHz	Pass	Inf	22.44M	20.27M		
7095MHz	Pass	Inf	22.638M	20.57M		
7115MHz	Pass	Inf	22.704M	20.72M		
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)	-	-	-	-	-	-
6535MHz	Pass	Inf			22.968M	20.36M
6695MHz	Pass	Inf			22.506M	20.3M
6895MHz	Pass	Inf			22.968M	20.51M
6995MHz	Pass	Inf			22.242M	20.15M
7095MHz	Pass	Inf			23.034M	20.42M
7115MHz	Pass	Inf			23.232M	20.39M
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX	-	-	-	-	-	-
6535MHz	Pass	Inf	22.836M	20.48M	21.582M	19.67M
6695MHz	Pass	Inf	22.44M	20.3M	21.45M	19.43M
6895MHz	Pass	Inf	22.77M	21.169M	21.648M	19.67M
6995MHz	Pass	Inf	22.506M	20.21M	21.318M	19.46M
7095MHz	Pass	Inf	23.034M	21.049M	21.78M	19.64M
7115MHz	Pass	Inf	22.902M	21.559M	21.648M	19.88M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)	-	-	-	-	-	-
5955MHz	Pass	Inf	22.242M	19.28M		
6415MHz	Pass	Inf	21.714M	19.31M		
6435MHz	Pass	Inf	22.374M	19.4M		
6475MHz	Pass	Inf	22.308M	19.34M		
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)	-	-	-	-	-	-
5955MHz	Pass	Inf			22.11M	19.25M
6415MHz	Pass	Inf			22.044M	19.19M
6435MHz	Pass	Inf			21.846M	19.31M
6475MHz	Pass	Inf			22.506M	19.43M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	22.044M	19.37M	21.384M	18.831M
6415MHz	Pass	Inf	22.176M	19.25M	21.318M	18.891M
6435MHz	Pass	Inf	21.978M	19.25M	21.186M	18.921M
6475MHz	Pass	Inf	22.374M	19.22M	21.252M	18.591M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)	-	-	-	-	-	-
6535MHz	Pass	Inf	22.902M	19.91M		
6695MHz	Pass	Inf	22.902M	19.73M		
6895MHz	Pass	Inf	22.902M	19.88M		



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6995MHz	Pass	Inf	22.638M	19.82M		
7095MHz	Pass	Inf	23.232M	20M		
7115MHz	Pass	Inf	21.12M	18.471M		
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)	-	-	-	-	-	-
6535MHz	Pass	Inf			23.298M	19.19M
6695MHz	Pass	Inf			22.836M	19.82M
6895MHz	Pass	Inf			22.902M	20.03M
6995MHz	Pass	Inf			22.968M	19.64M
7095MHz	Pass	Inf			22.836M	19.88M
7115MHz	Pass	Inf			22.77M	19.79M
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX	-	-	-	-	-	-
6535MHz	Pass	Inf	22.968M	20.06M	21.516M	18.981M
6695MHz	Pass	Inf	22.77M	19.91M	21.516M	19.04M
6895MHz	Pass	Inf	22.968M	20.24M	21.516M	19.16M
6995MHz	Pass	Inf	22.704M	19.88M	21.978M	18.831M
7095MHz	Pass	Inf	23.034M	20.24M	21.45M	19.04M
7115MHz	Pass	Inf	22.836M	20.3M	21.648M	19.22M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port1)	-	-	-	-	-	-
5955MHz	Pass	Inf	22.242M	19.07M		
6415MHz	Pass	Inf	22.77M	18.891M		
6435MHz	Pass	Inf	22.77M	18.831M		
6475MHz	Pass	Inf	22.308M	19.04M		
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port2)	-	-	-	-	-	-
5955MHz	Pass	Inf			22.308M	18.951M
6415MHz	Pass	Inf			22.77M	18.801M
6435MHz	Pass	Inf			22.572M	18.831M
6475MHz	Pass	Inf			22.176M	18.981M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	22.638M	19.04M	22.176M	18.651M
6415MHz	Pass	Inf	22.374M	19.01M	21.846M	18.501M
6435MHz	Pass	Inf	22.176M	18.921M	22.242M	18.741M
6475MHz	Pass	Inf	22.506M	17.781M	22.374M	18.681M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX(Port1)	-	-	-	-	-	-
6535MHz	Pass	Inf	22.77M	19.4M		
6695MHz	Pass	Inf	23.166M	19.34M		
6895MHz	Pass	Inf	23.364M	19.61M		
6995MHz	Pass	Inf	23.166M	19.19M		
7095MHz	Pass	Inf	23.166M	19.61M		
7115MHz	Pass	Inf	21.252M	18.231M		
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX(Port2)	-	-	-	-	-	-
6535MHz	Pass	Inf			22.968M	19.55M
6695MHz	Pass	Inf			23.034M	19.49M
6895MHz	Pass	Inf			23.034M	19.46M
6995MHz	Pass	Inf			23.298M	19.4M
7095MHz	Pass	Inf			23.1M	19.22M
7115MHz	Pass	Inf			21.582M	18.261M
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_2TX	-	-	-	-	-	-
6535MHz	Pass	Inf	23.364M	19.16M	21.78M	18.471M
6695MHz	Pass	Inf	22.902M	19.28M	21.516M	18.531M
6895MHz	Pass	Inf	23.232M	19.76M	21.78M	18.681M
6995MHz	Pass	Inf	22.968M	19.34M	21.45M	18.621M
7095MHz	Pass	Inf	21.516M	18.261M	19.8M	17.811M
7115MHz	Pass	Inf	21.384M	18.411M	19.866M	17.991M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_1TX(Port1)	-	-	-	-	-	-
5965MHz	Pass	Inf	23.232M	19.49M		
6405MHz	Pass	Inf	23.76M	19.55M		

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6445MHz	Pass	Inf	23.1M	19.67M		
6525MHz	Pass	Inf	23.892M	19.55M		
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_1TX(Port2)	-	-	-	-	-	-
5965MHz	Pass	Inf			23.76M	19.55M
6405MHz	Pass	Inf			24.024M	19.55M
6445MHz	Pass	Inf			23.628M	19.49M
6525MHz	Pass	Inf			23.232M	19.61M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 61_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	23.892M	19.67M	23.892M	19.61M
6405MHz	Pass	Inf	23.496M	19.55M	23.364M	19.55M
6445MHz	Pass	Inf	23.364M	19.79M	23.364M	19.55M
6525MHz	Pass	Inf	23.364M	19.73M	23.232M	19.67M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_1TX(Port1)	-	-	-	-	-	-
6565MHz	Pass	Inf	23.232M	19.49M		
6845MHz	Pass	Inf	23.232M	19.49M		
6885MHz	Pass	Inf	23.628M	19.55M		
7085MHz	Pass	Inf	24.562M	19.49M		
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_1TX(Port2)	-	-	-	-	-	-
6565MHz	Pass	Inf			23.628M	19.55M
6845MHz	Pass	Inf			23.232M	19.61M
6885MHz	Pass	Inf			23.892M	19.55M
7085MHz	Pass	Inf			23.364M	19.55M
802.11ax HEW40_Nss1,(MCS0),RU 242,#RU 62_2TX	-	-	-	-	-	-
6565MHz	Pass	Inf	22.968M	19.61M	23.1M	19.55M
6845MHz	Pass	Inf	23.496M	19.61M	23.892M	19.55M
6885MHz	Pass	Inf	23.1M	19.61M	23.76M	19.49M
7085MHz	Pass	Inf	23.232M	19.61M	24.156M	19.61M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_1TX(Port1)	-	-	-	-	-	-
5985MHz	Pass	Inf	48.048M	38.861M		
6465MHz	Pass	Inf	48.84M	38.741M		
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_1TX(Port2)	-	-	-	-	-	-
5985MHz	Pass	Inf			47.784M	39.46M
6465MHz	Pass	Inf			52.536M	38.621M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 65_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	46.992M	38.861M	46.992M	38.741M
6465MHz	Pass	Inf	47.784M	38.981M	46.992M	38.861M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_1TX(Port1)	-	-	-	-	-	-
6785MHz	Pass	Inf	44.616M	38.861M		
7025MHz	Pass	Inf	46.992M	39.1M		
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_1TX(Port2)	-	-	-	-	-	-
6785MHz	Pass	Inf			44.088M	38.741M
7025MHz	Pass	Inf			44.088M	38.741M
802.11ax HEW80_Nss1,(MCS0),RU 484,#RU 66_2TX	-	-	-	-	-	-
6785MHz	Pass	Inf	45.936M	38.981M	48.576M	38.741M
7025MHz	Pass	Inf	44.616M	39.1M	46.464M	38.741M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_1TX(Port1)	-	-	-	-	-	-
6025MHz	Pass	Inf	85.536M	77.241M		
6505MHz	Pass	Inf	89.76M	77.241M		
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_1TX(Port2)	-	-	-	-	-	-
6025MHz	Pass	Inf			83.952M	77.241M
6505MHz	Pass	Inf			92.4M	77.481M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	84.48M	77.001M	85.536M	77.001M
6505MHz	Pass	Inf	83.424M	77.481M	83.424M	77.481M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_1TX(Port1)	-	-	-	-	-	-
6825MHz	Pass	Inf	90.816M	77.721M		



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6985MHz	Pass	Inf	90.288M	77.481M		
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_1TX(Port2)	-	-	-	-	-	-
6825MHz	Pass	Inf			99.792M	77.961M
6985MHz	Pass	Inf			98.208M	78.201M
802.11ax HEW160_Nss1,(MCS0),RU 996,#RU 67S_2TX	-	-	-	-	-	-
6825MHz	Pass	Inf	89.232M	77.481M	83.424M	77.241M
6985MHz	Pass	Inf	88.704M	77.481M	83.952M	77.241M

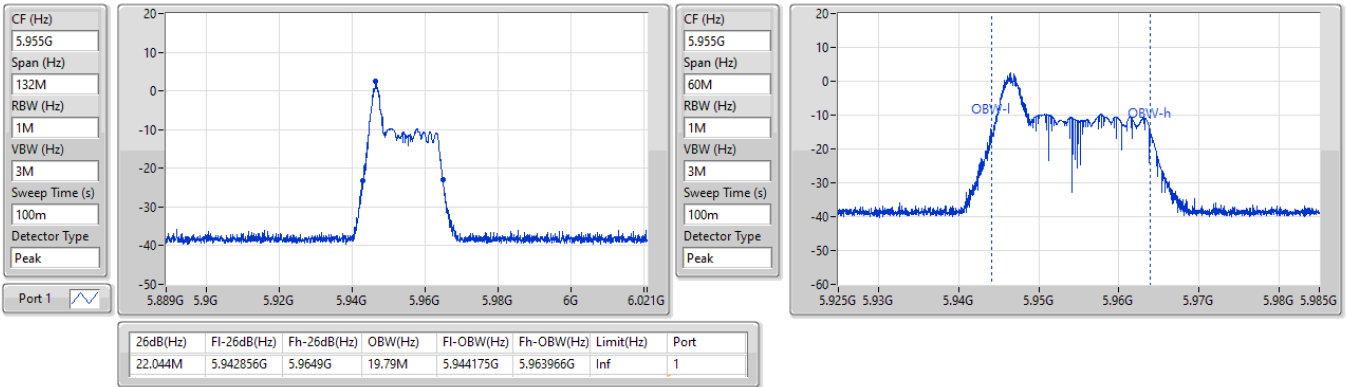
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port1)

EBW

5955MHz

16/03/2023

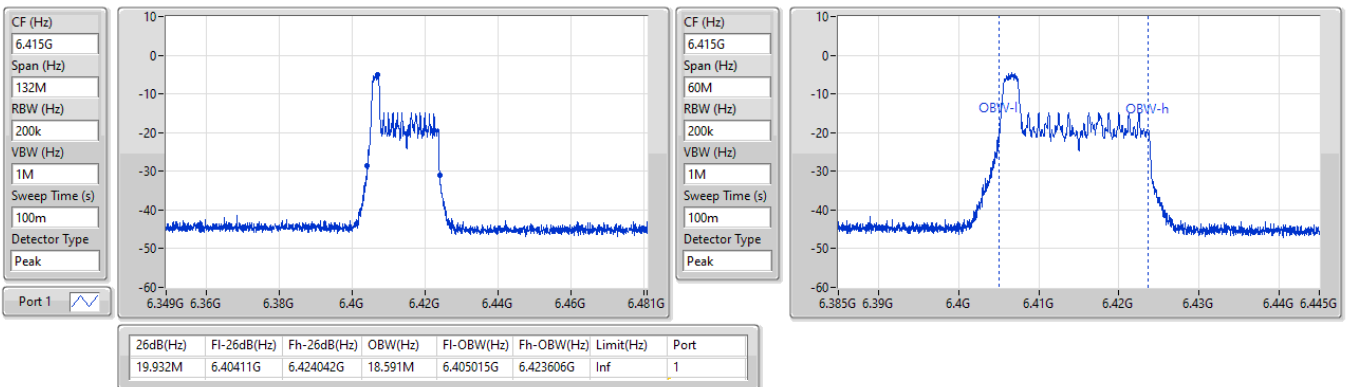


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port1)

EBW

6415MHz

16/03/2023

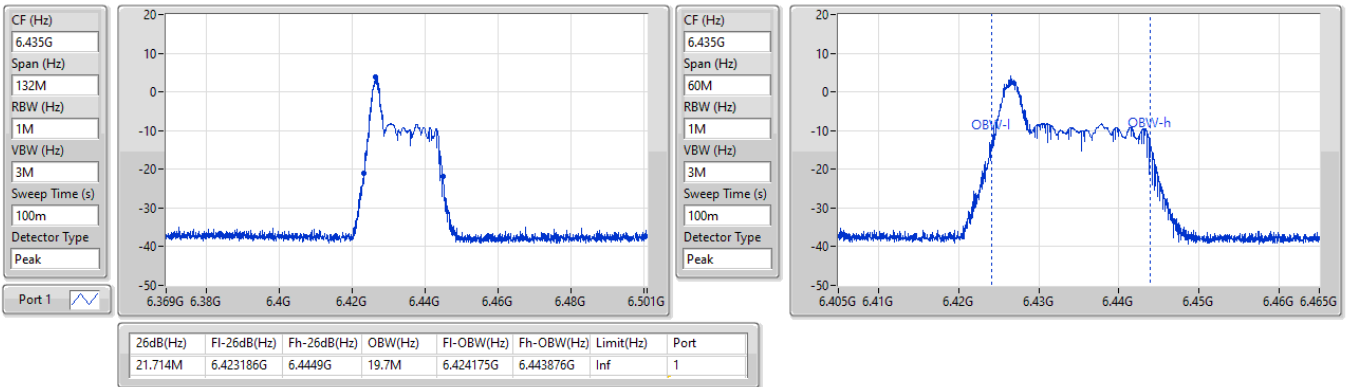


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port1)

EBW

6435MHz

16/03/2023

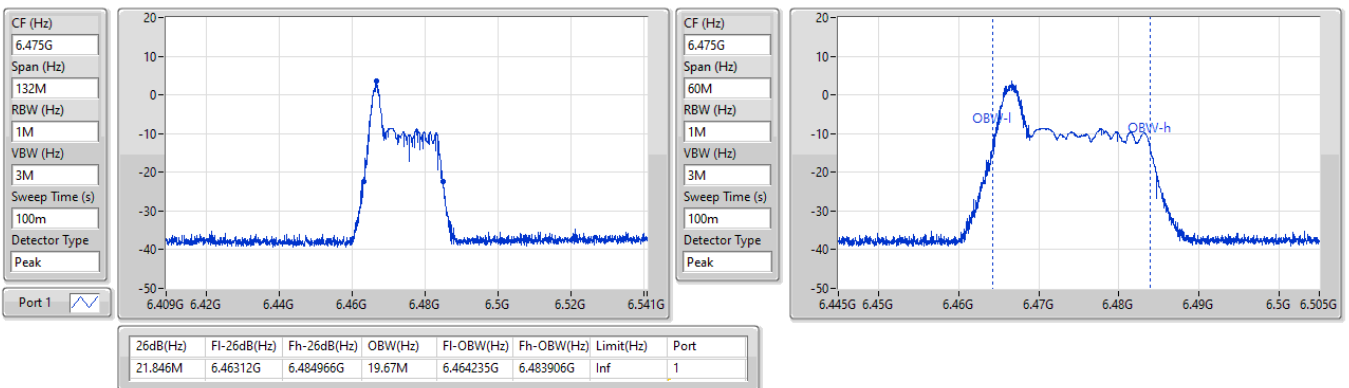


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port1)

EBW

6475MHz

16/03/2023

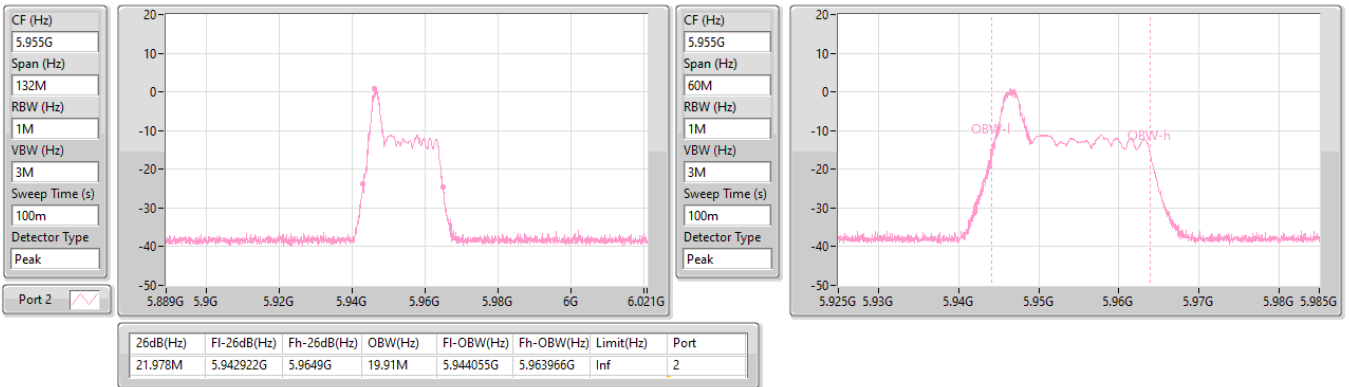


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)

EBW

5955MHz

16/03/2023

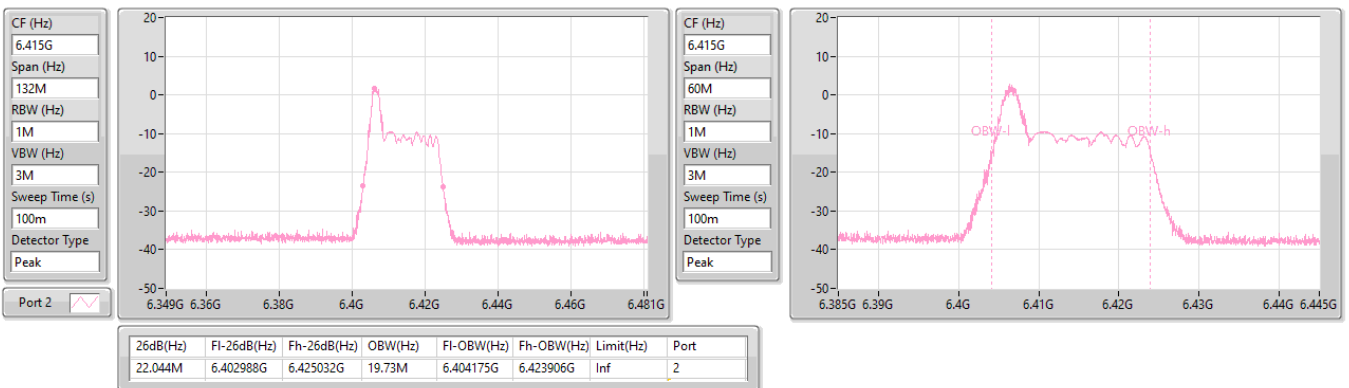


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)

EBW

6415MHz

16/03/2023

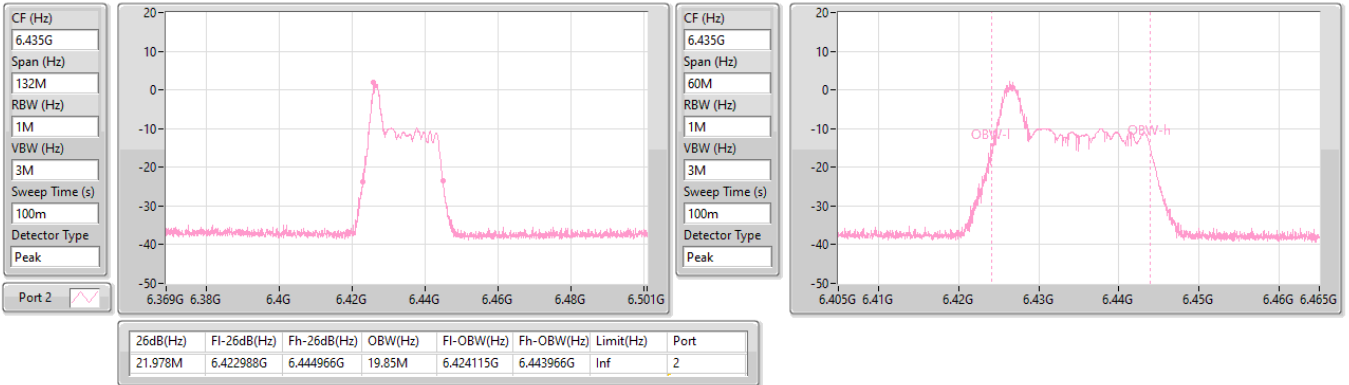


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)

EBW

6435MHz

16/03/2023

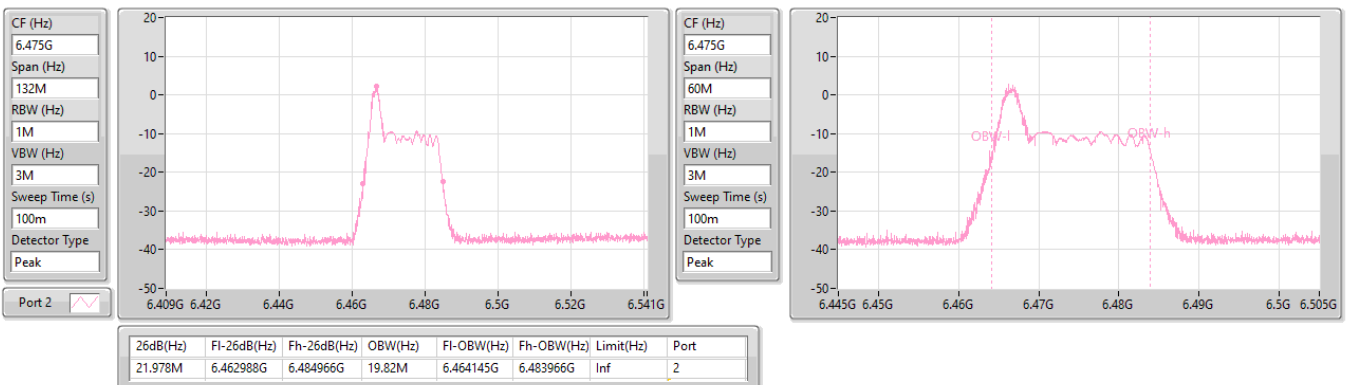


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX(Port2)

EBW

6475MHz

16/03/2023

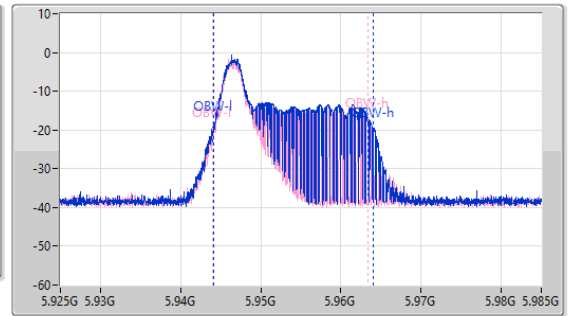
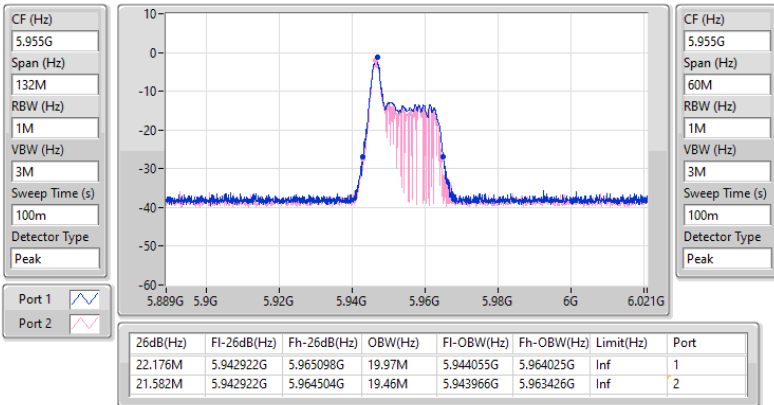


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

EBW

5955MHz

16/03/2023

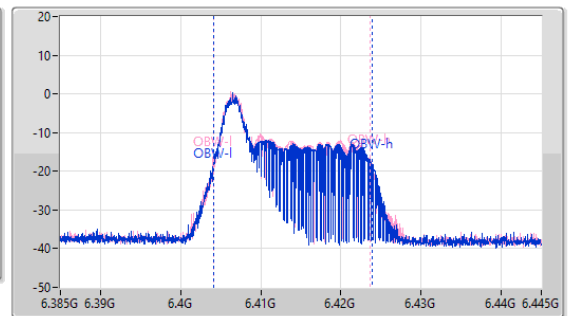
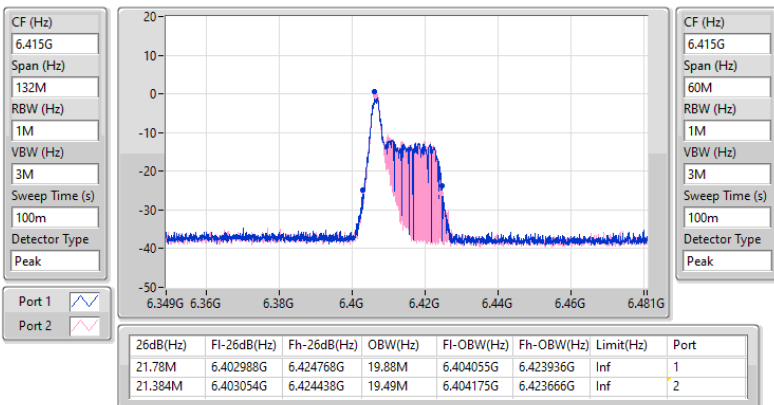


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

EBW

6415MHz

16/03/2023

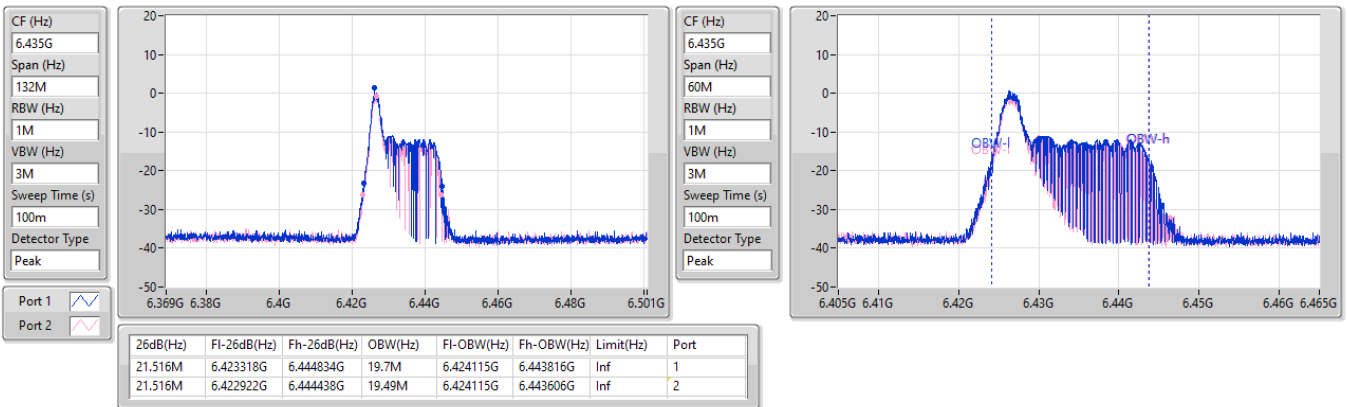


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

EBW

6435MHz

16/03/2023

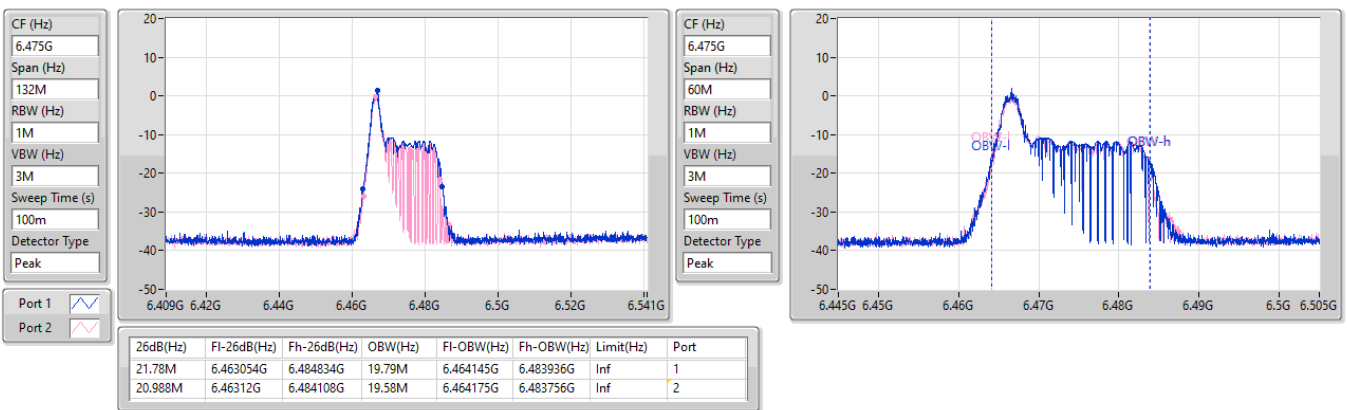


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_2TX

EBW

6475MHz

16/03/2023

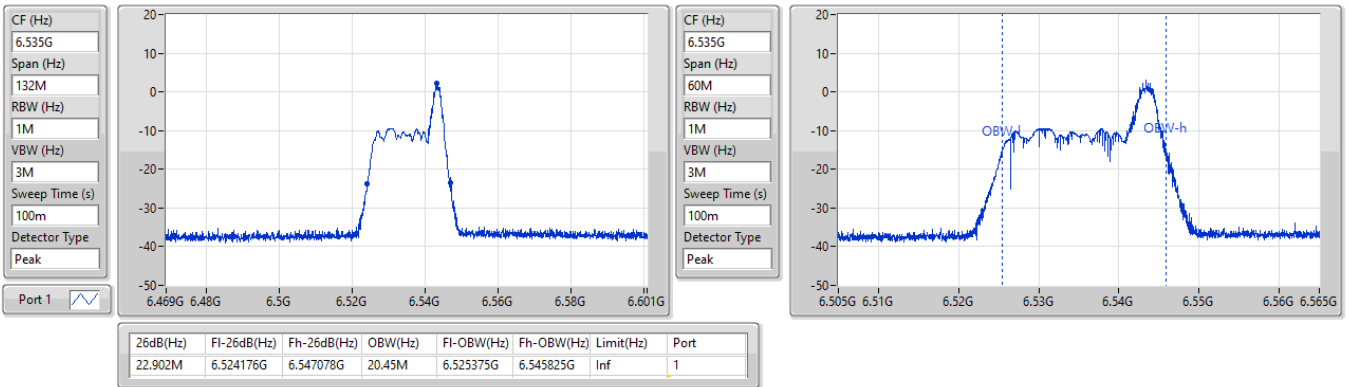


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)

EBW

6535MHz

16/03/2023

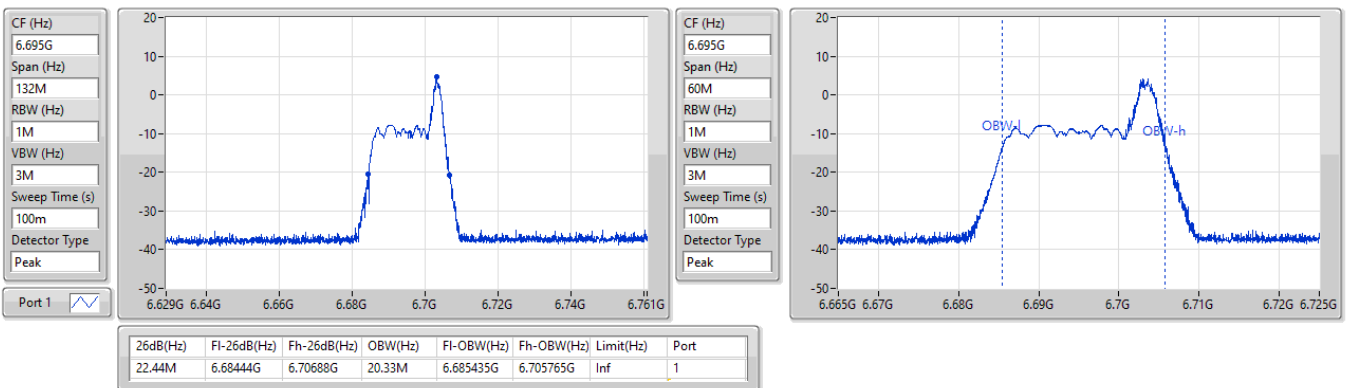


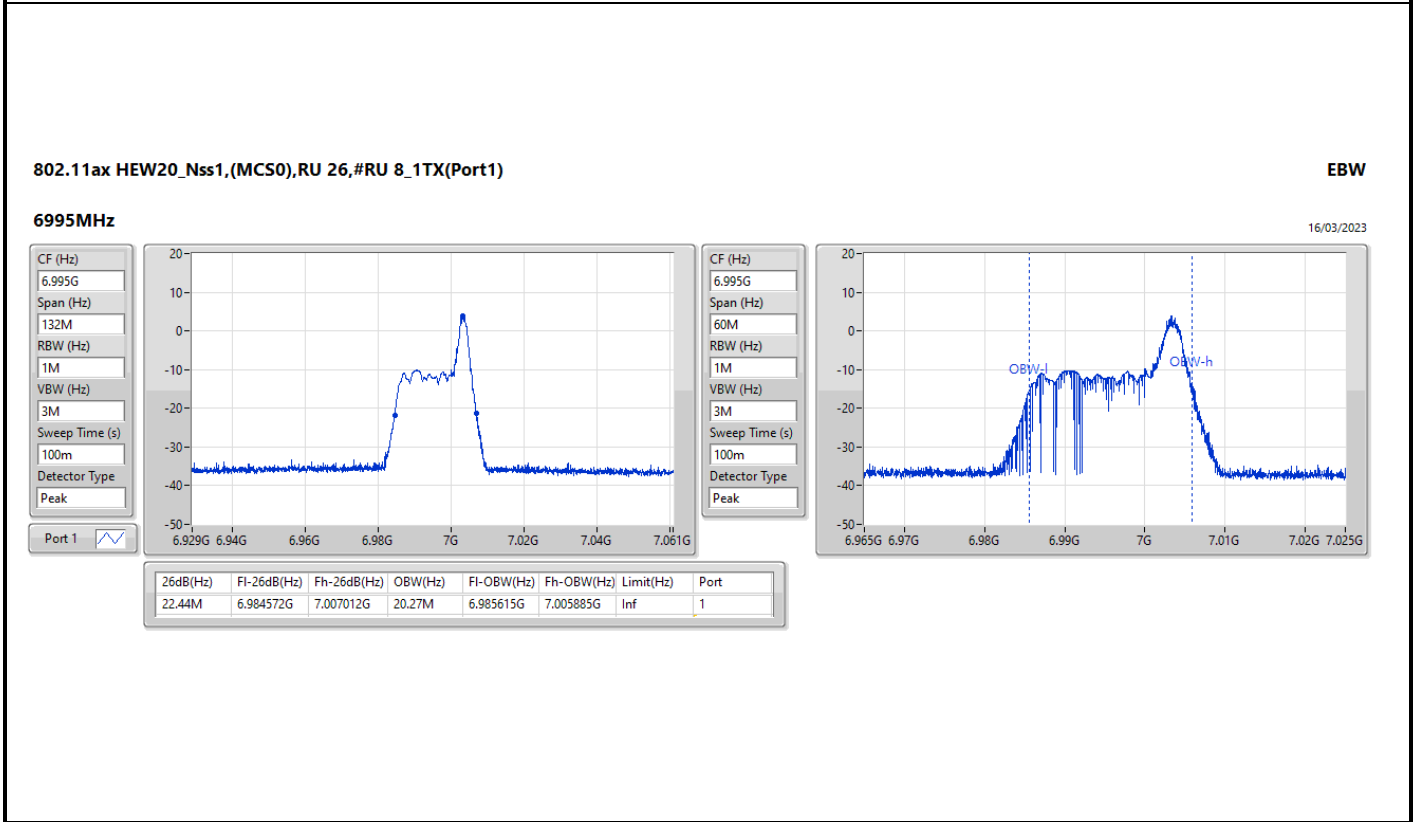
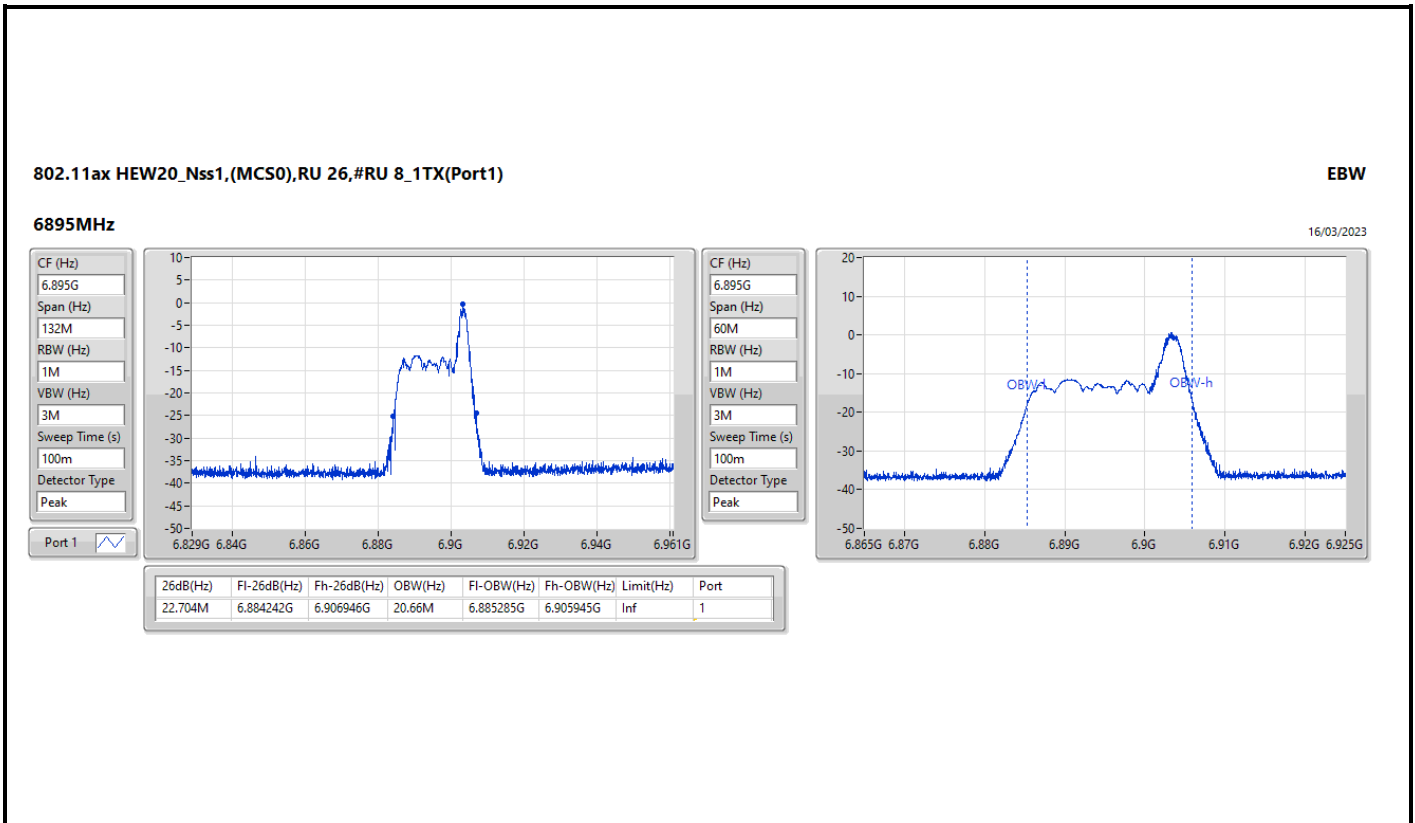
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)

EBW

6695MHz

16/03/2023



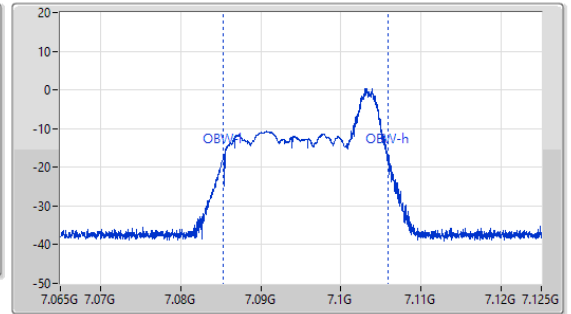
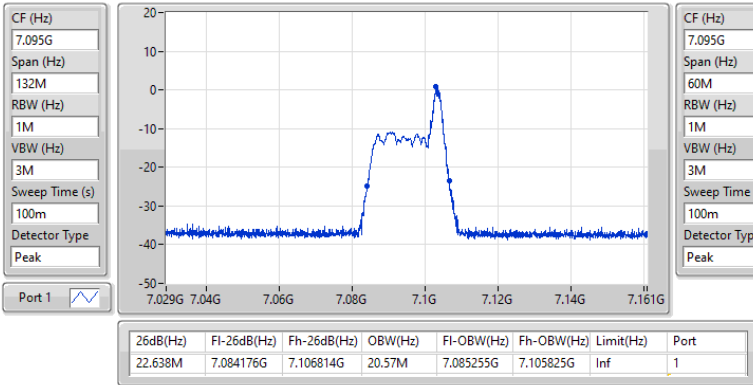


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)

EBW

7095MHz

16/03/2023

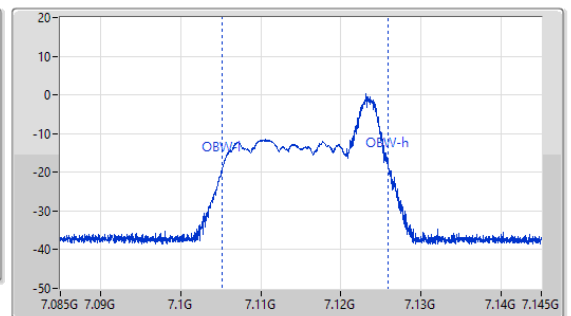
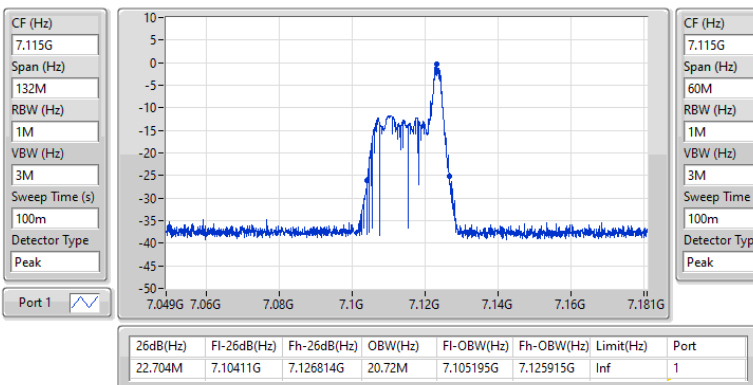


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port1)

EBW

7115MHz

16/03/2023

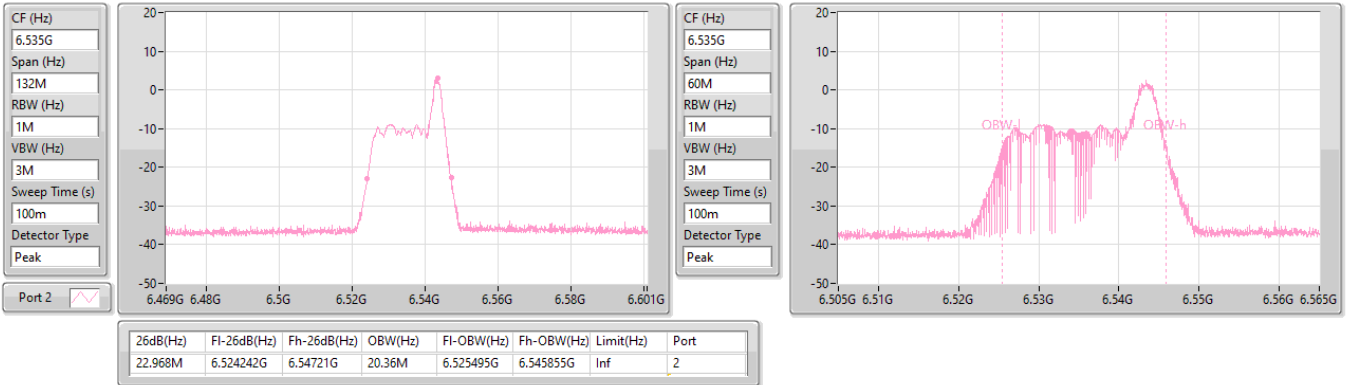


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)

EBW

6535MHz

16/03/2023

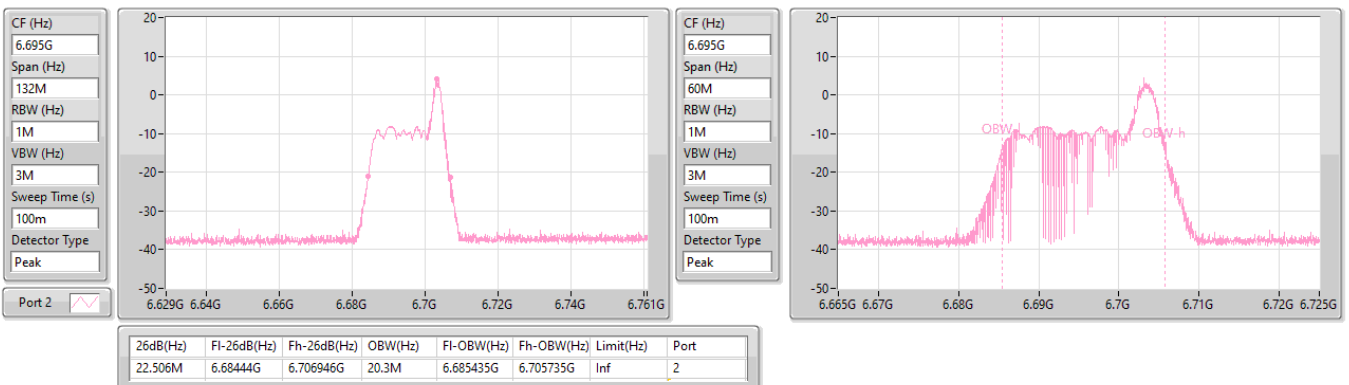


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)

EBW

6695MHz

16/03/2023

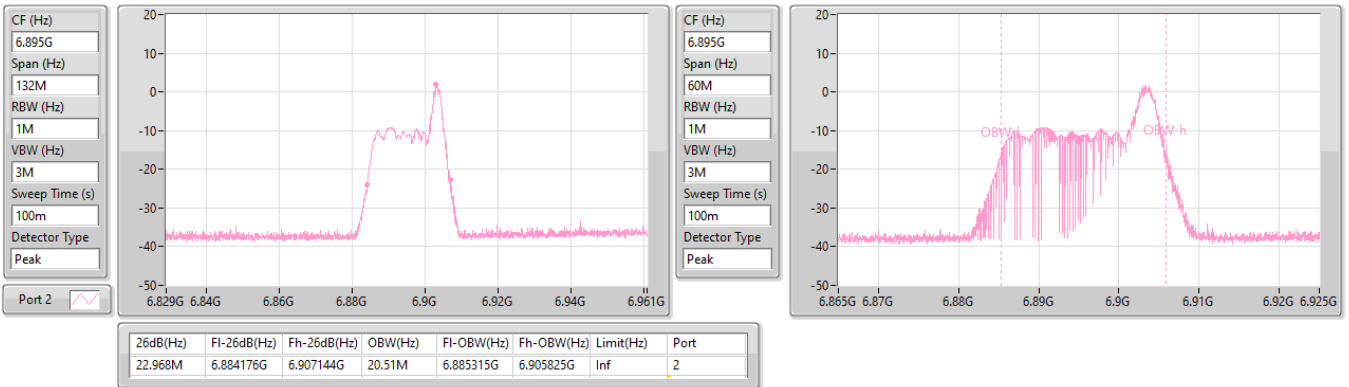


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)

EBW

6895MHz

16/03/2023

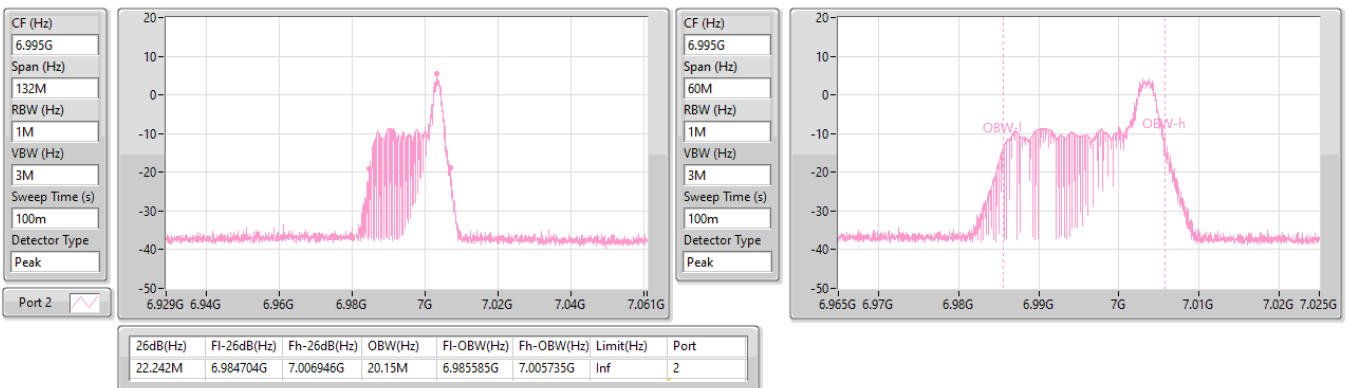


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)

EBW

6995MHz

16/03/2023

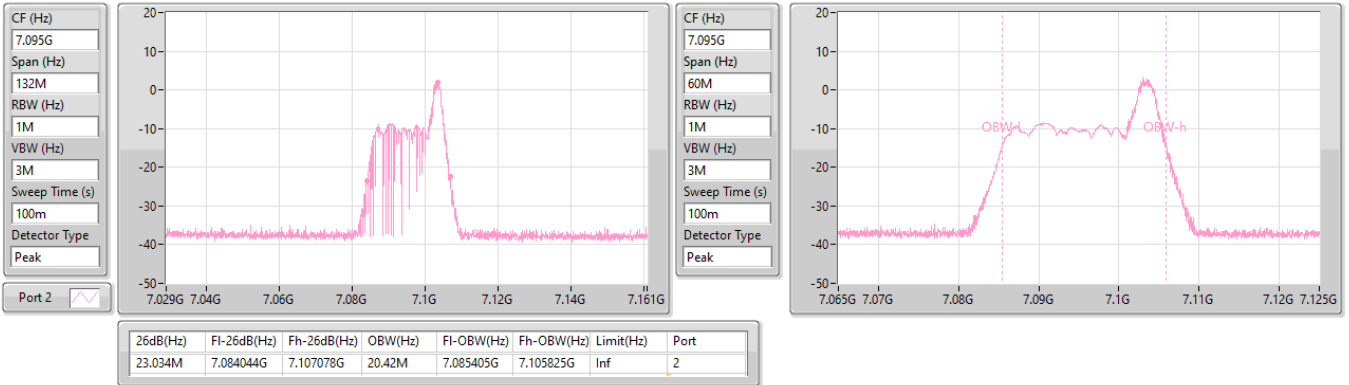


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)

EBW

7095MHz

16/03/2023

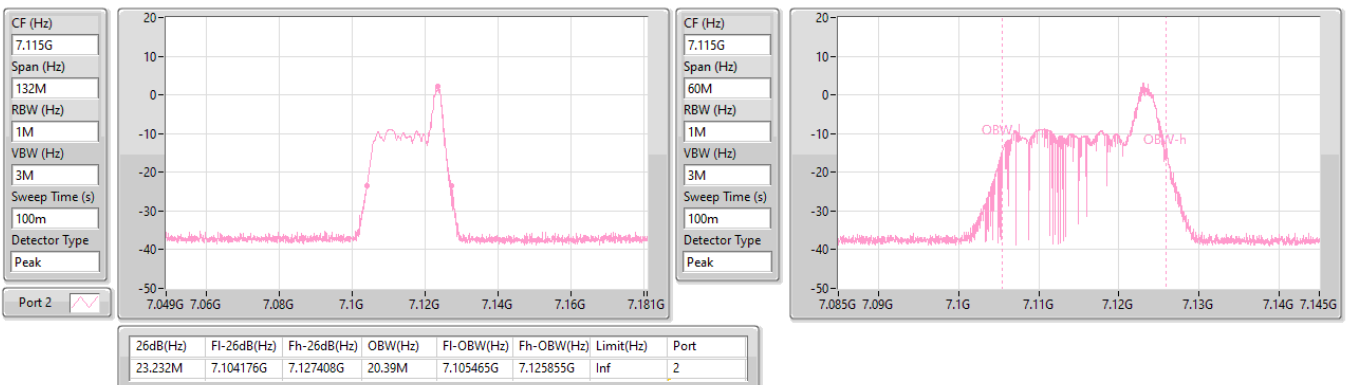


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX(Port2)

EBW

7115MHz

16/03/2023

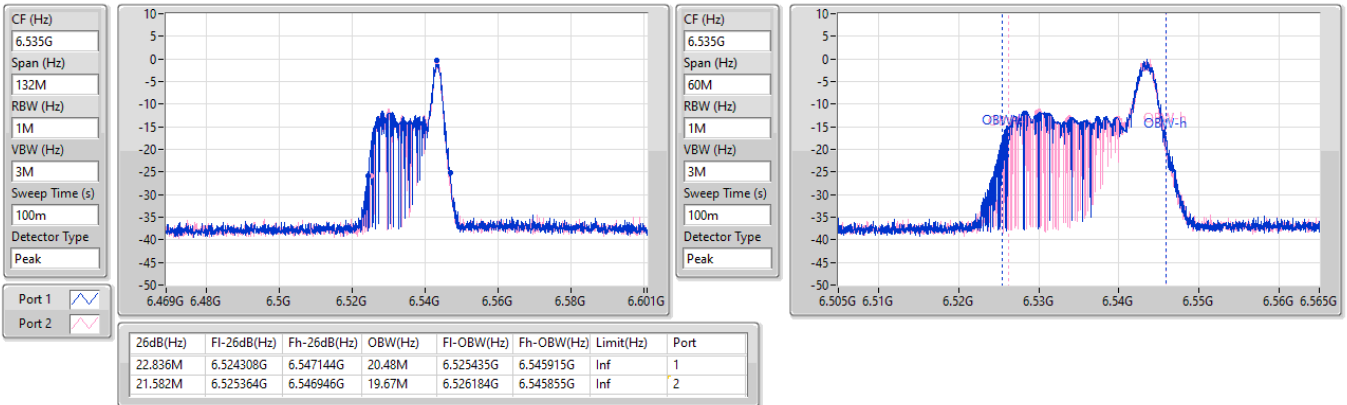


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

6535MHz

16/03/2023

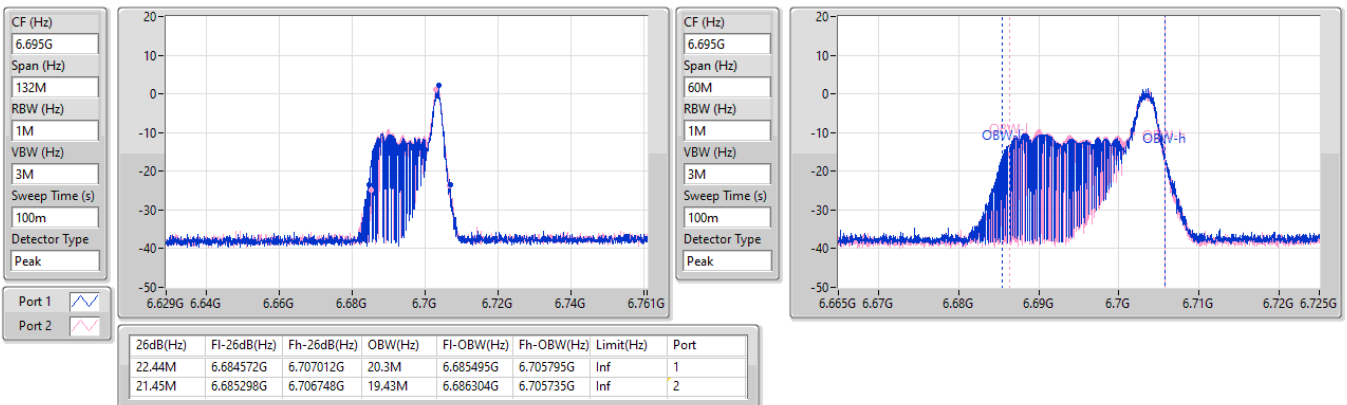


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

6695MHz

16/03/2023

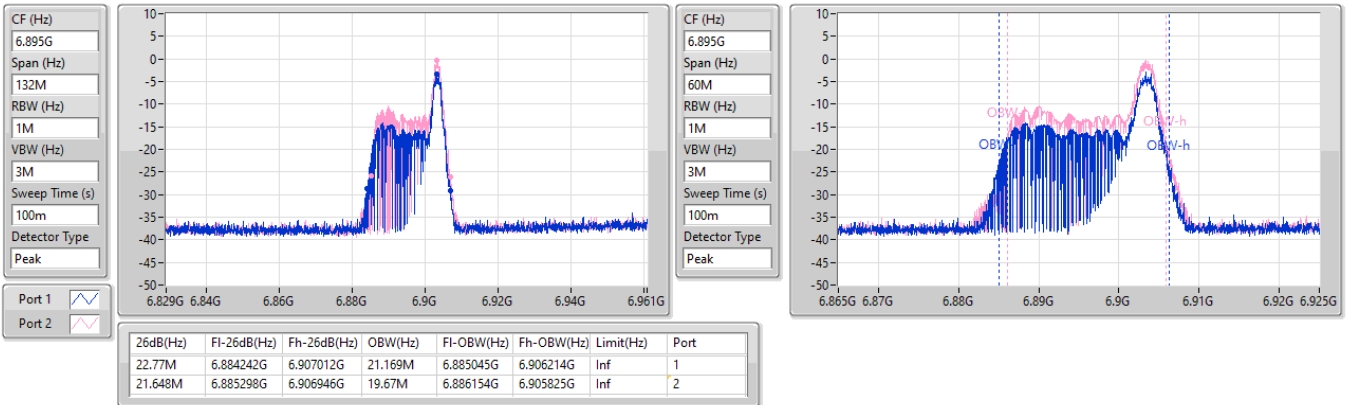


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

6895MHz

16/03/2023

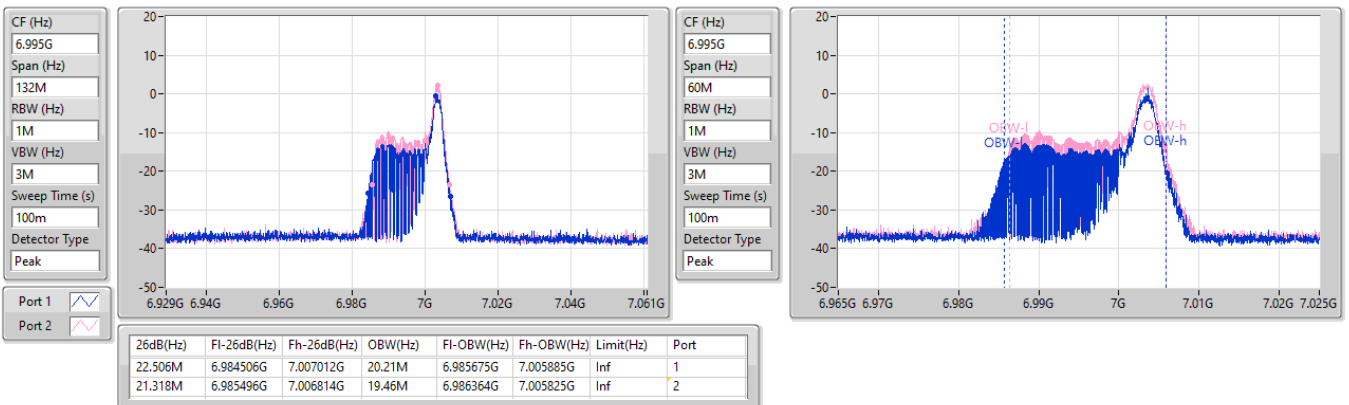


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

6995MHz

16/03/2023

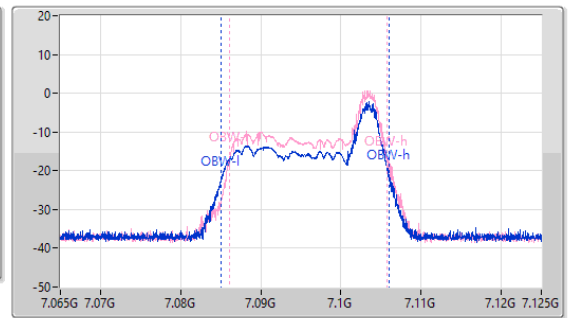
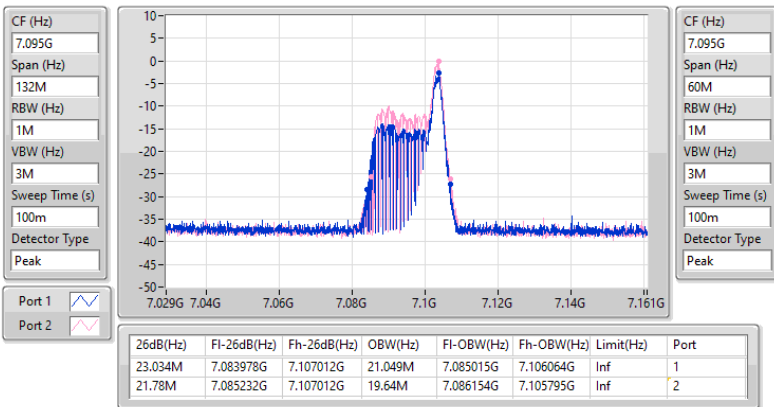


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

7095MHz

16/03/2023

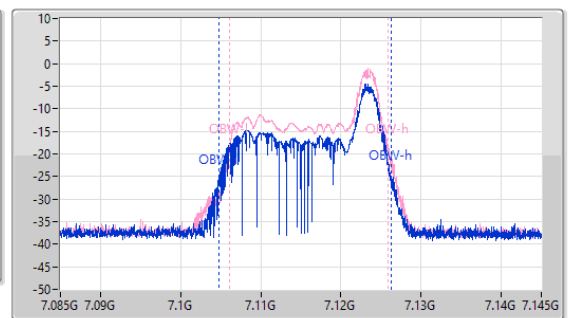
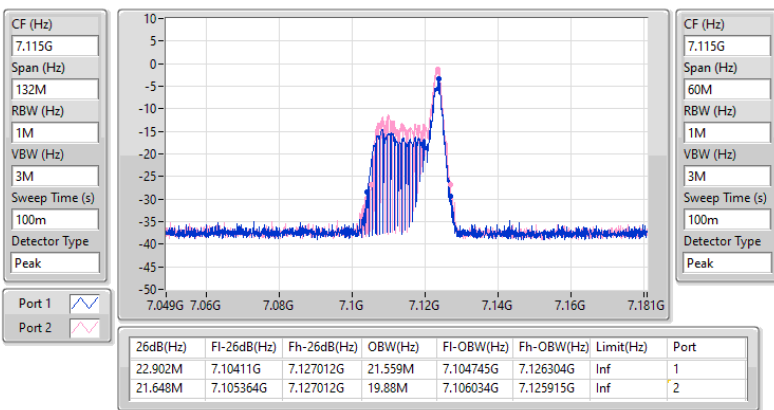


802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_2TX

EBW

7115MHz

16/03/2023

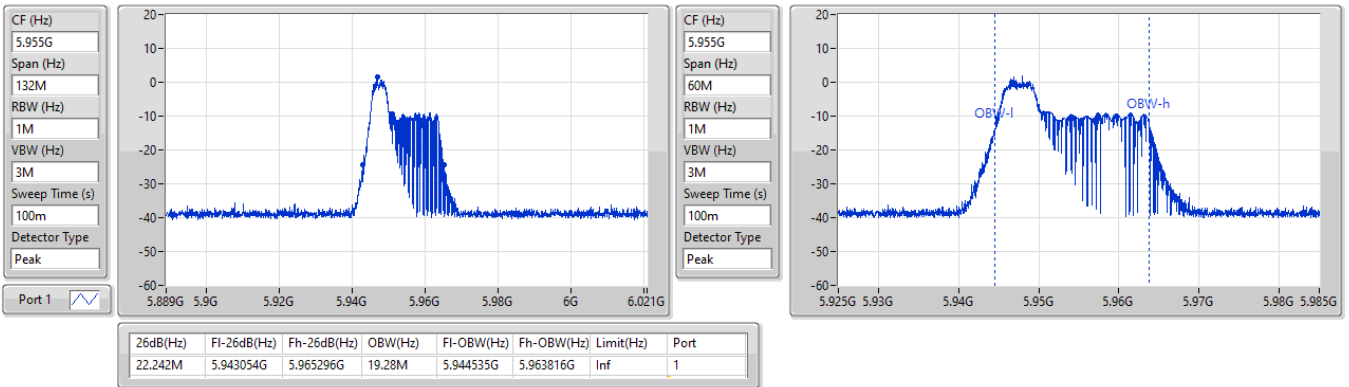


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)

EBW

5955MHz

16/03/2023

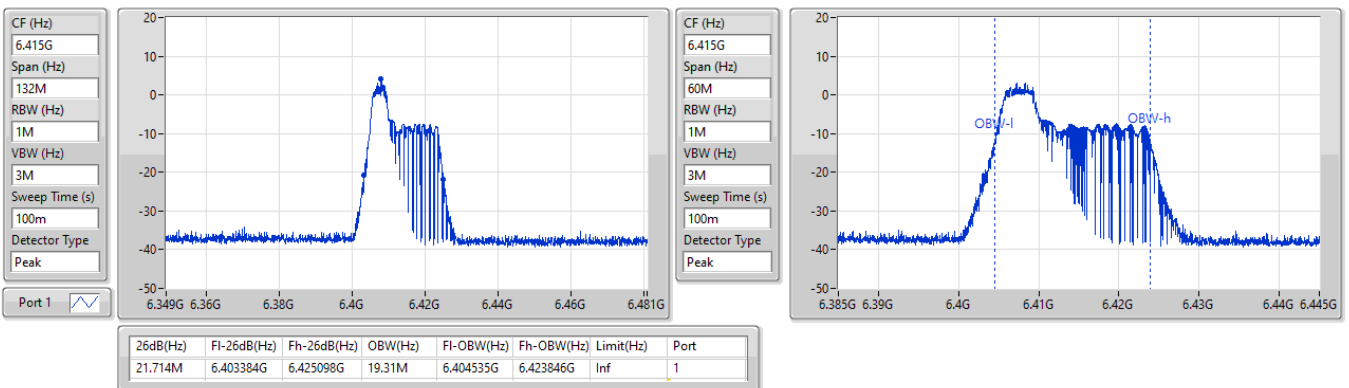


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)

EBW

6415MHz

16/03/2023



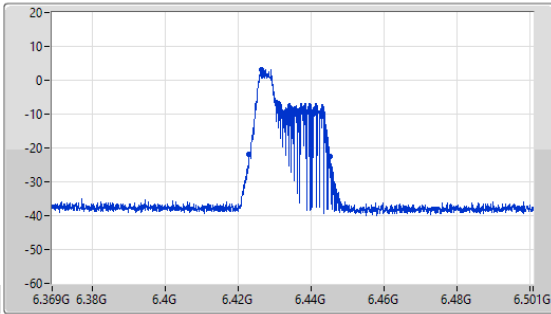
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)

EBW

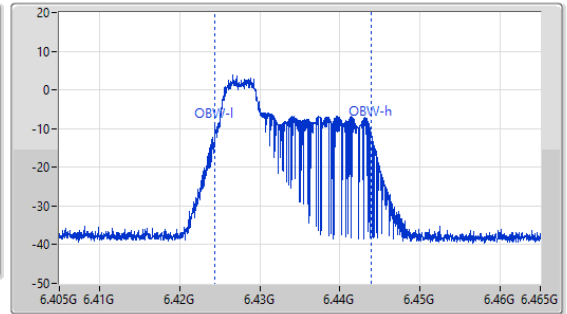
6435MHz

16/03/2023

CF (Hz)
6.435G
Span (Hz)
132M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



CF (Hz)
6.435G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.374M	6.422922G	6.445296G	19.4M	6.424445G	6.443846G	Inf	1

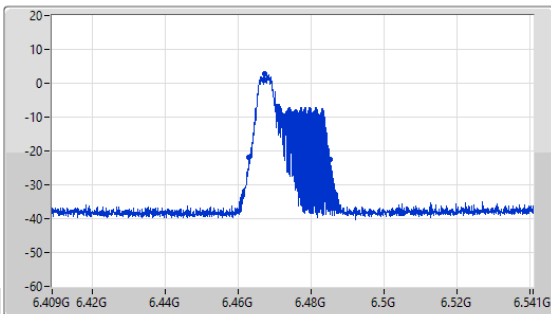
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port1)

EBW

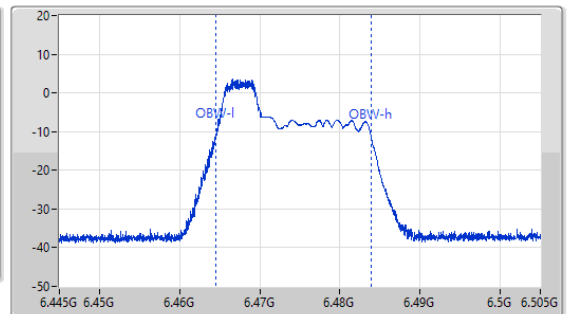
6475MHz

16/03/2023

CF (Hz)
6.475G
Span (Hz)
132M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



CF (Hz)
6.475G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



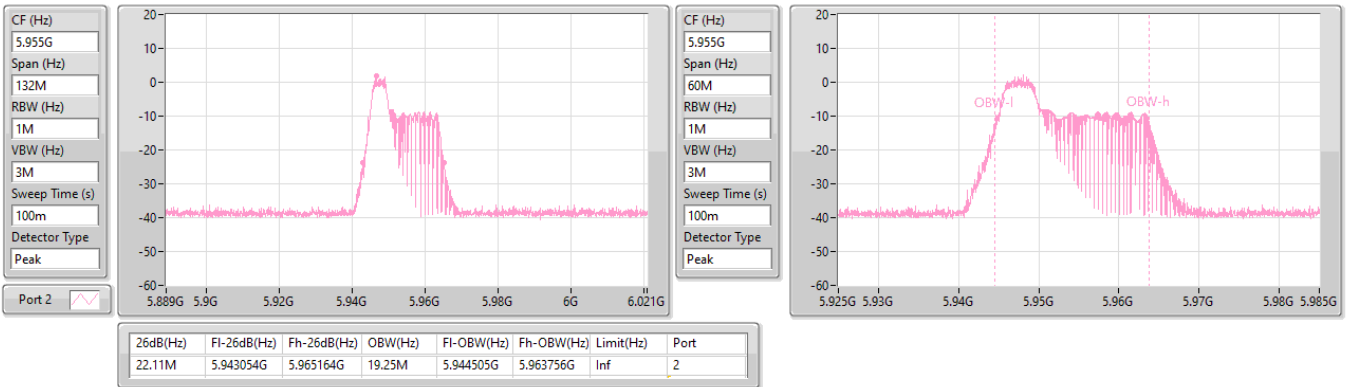
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.308M	6.462922G	6.48523G	19.34M	6.464505G	6.483846G	Inf	1

802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)

EBW

5955MHz

16/03/2023

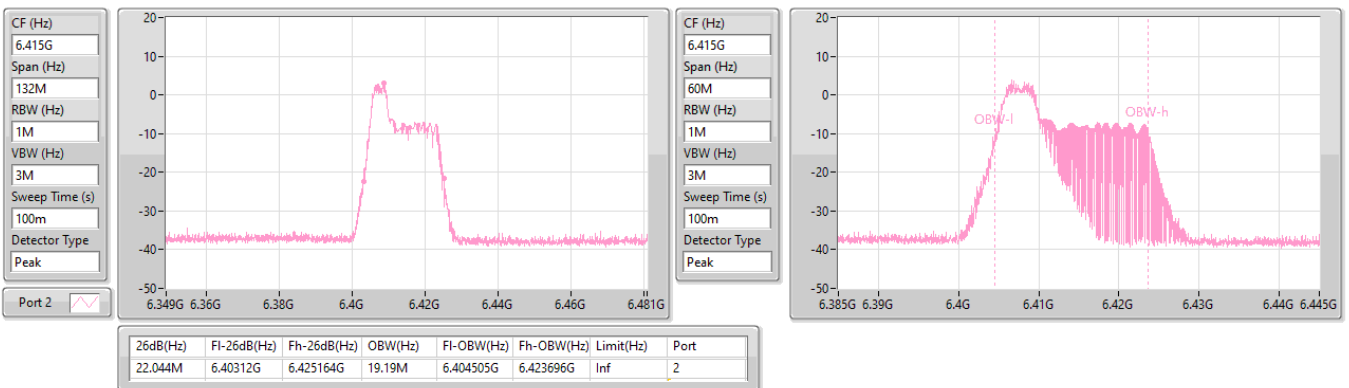


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)

EBW

6415MHz

16/03/2023

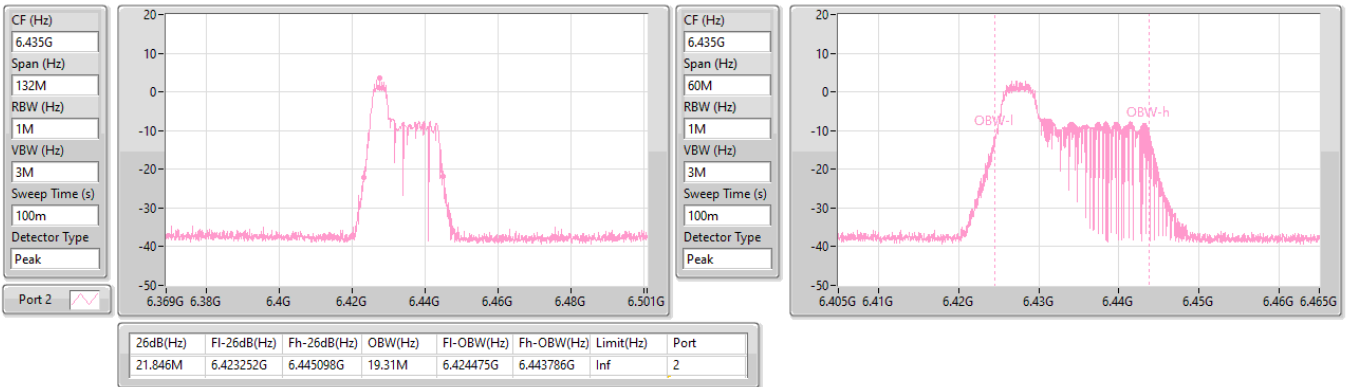


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)

EBW

6435MHz

16/03/2023

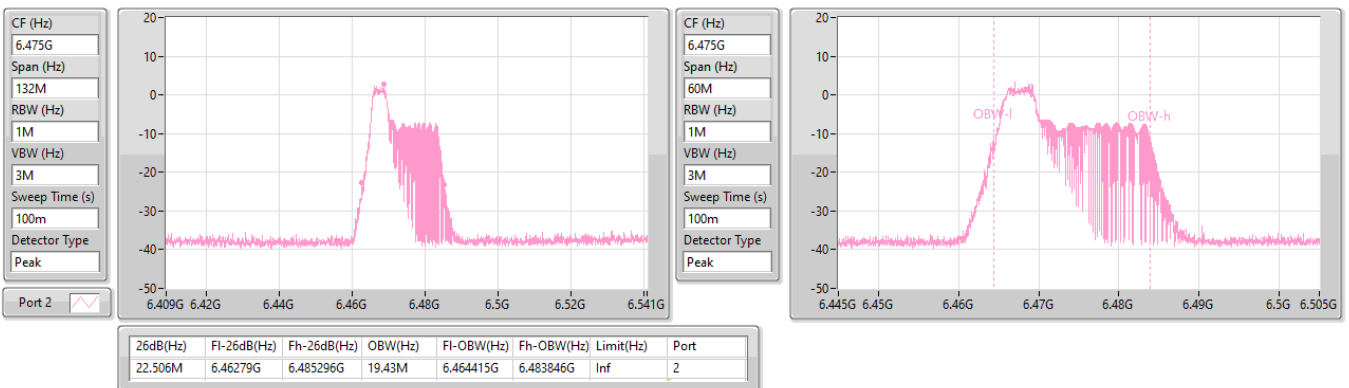


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX(Port2)

EBW

6475MHz

16/03/2023

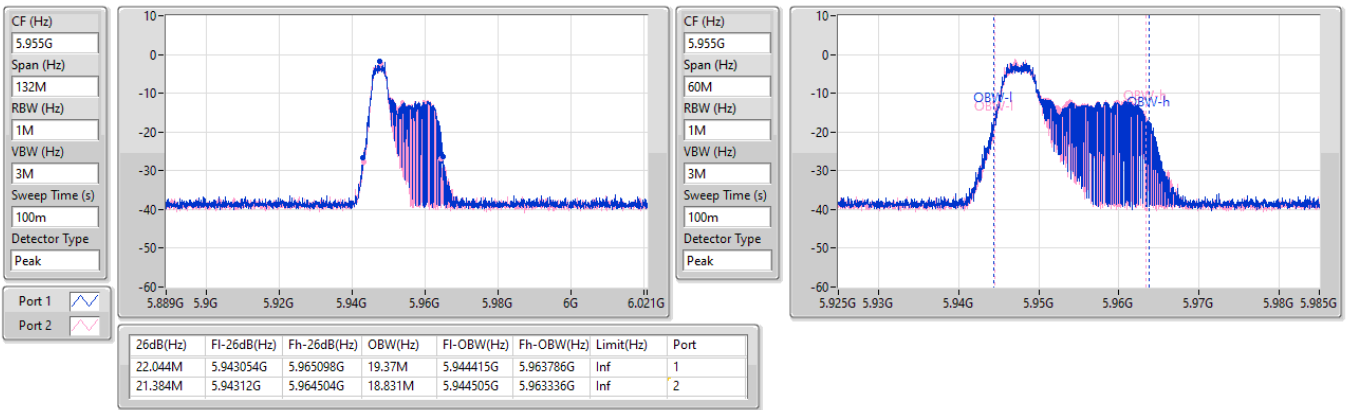


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

EBW

5955MHz

16/03/2023

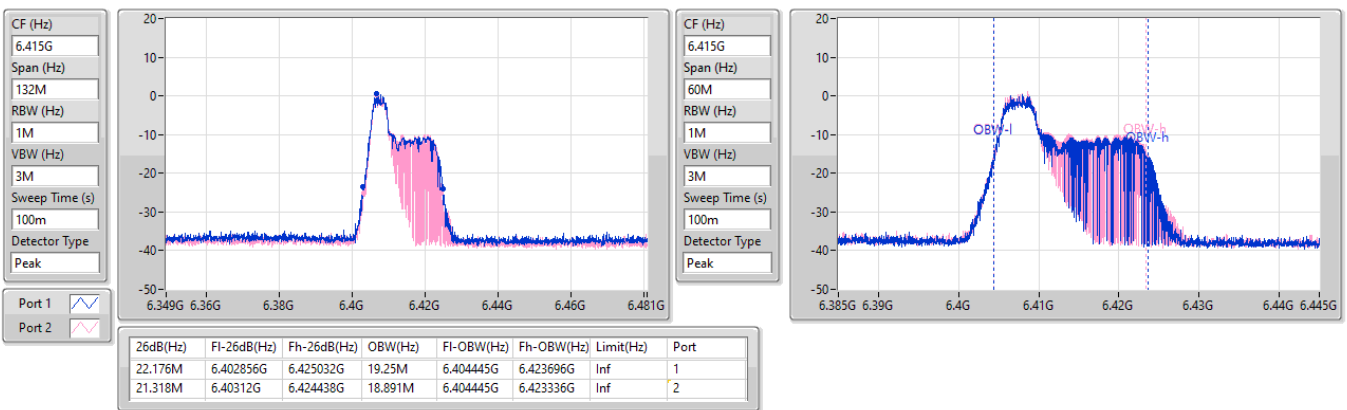


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

EBW

6415MHz

16/03/2023

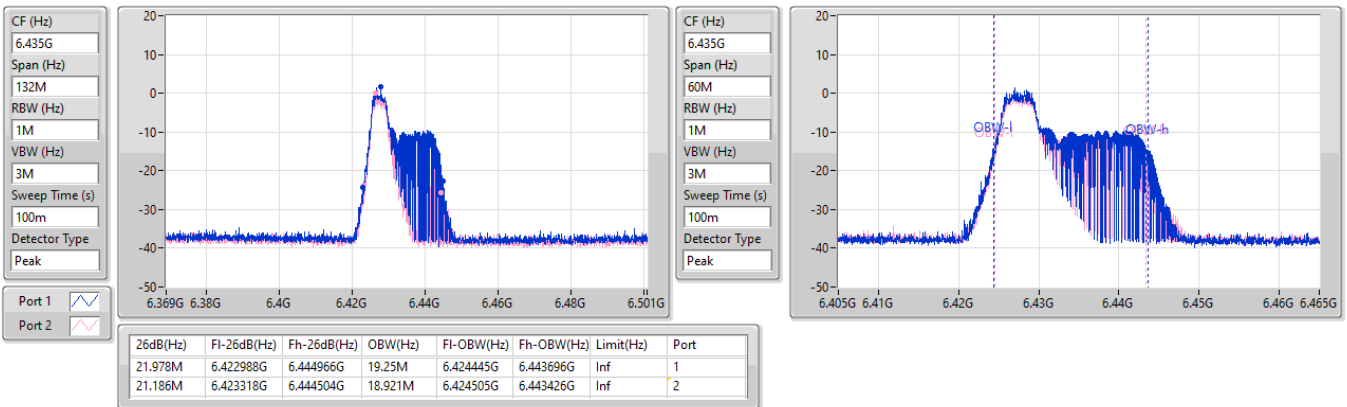


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

EBW

6435MHz

16/03/2023

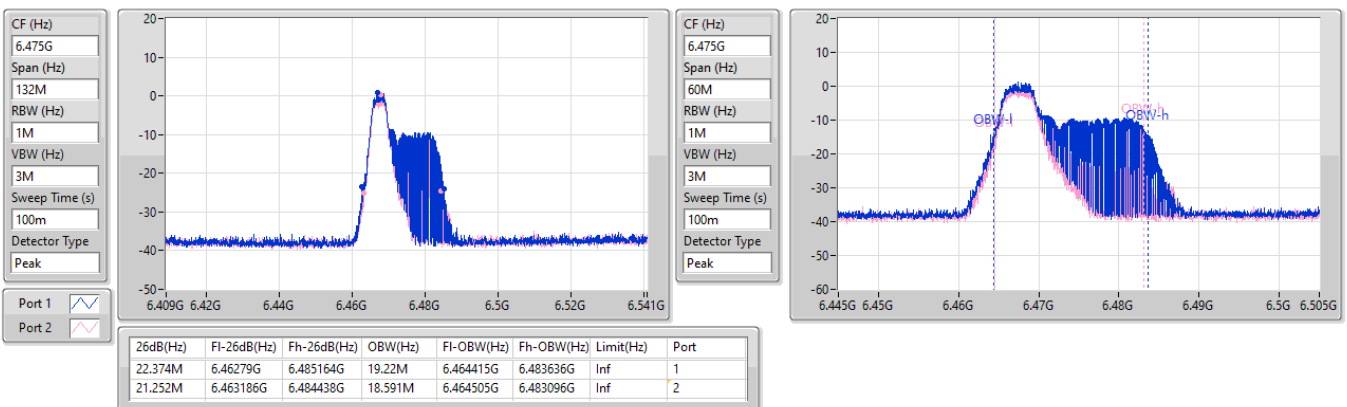


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_2TX

EBW

6475MHz

16/03/2023



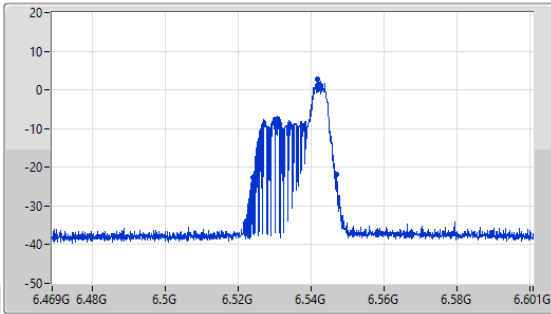
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)

EBW

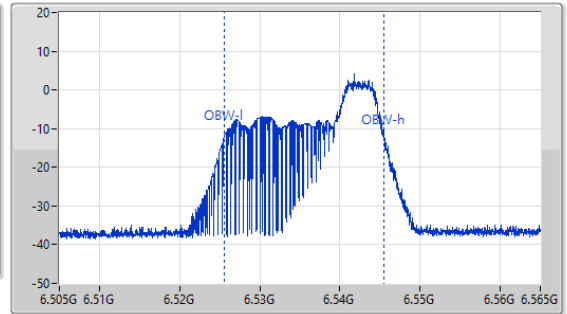
6535MHz

16/03/2023

CF (Hz)
6.535G
Span (Hz)
132M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



CF (Hz)
6.535G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.902M	6.524044G	6.546946G	19.91M	6.525585G	6.545495G	Inf	1

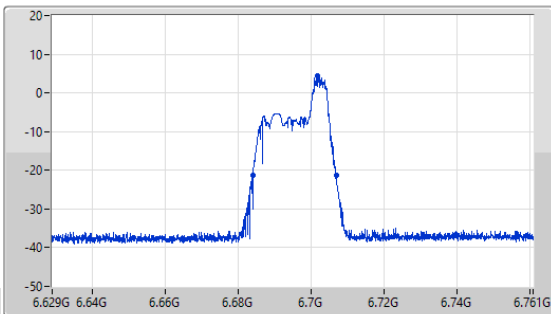
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)

EBW

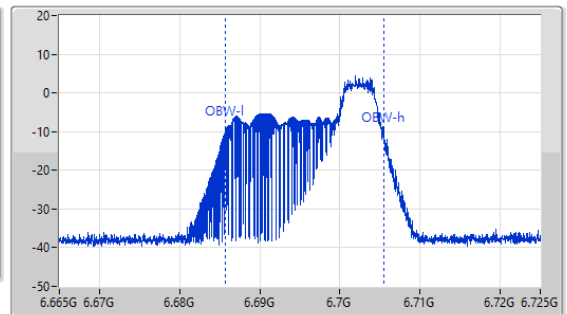
6695MHz

16/03/2023

CF (Hz)
6.695G
Span (Hz)
132M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



CF (Hz)
6.695G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
100m
Detector Type
Peak



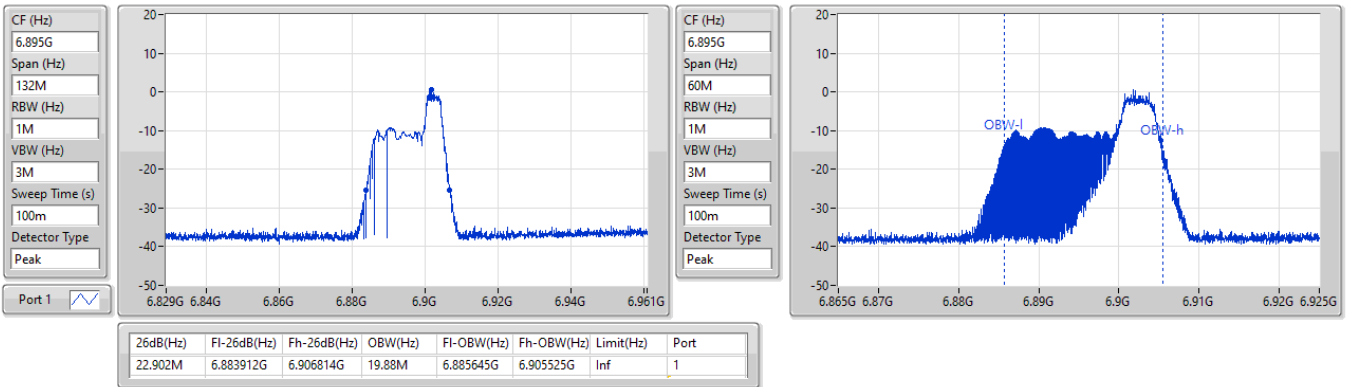
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.902M	6.684044G	6.706946G	19.73M	6.685705G	6.705435G	Inf	1

802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)

EBW

6895MHz

16/03/2023

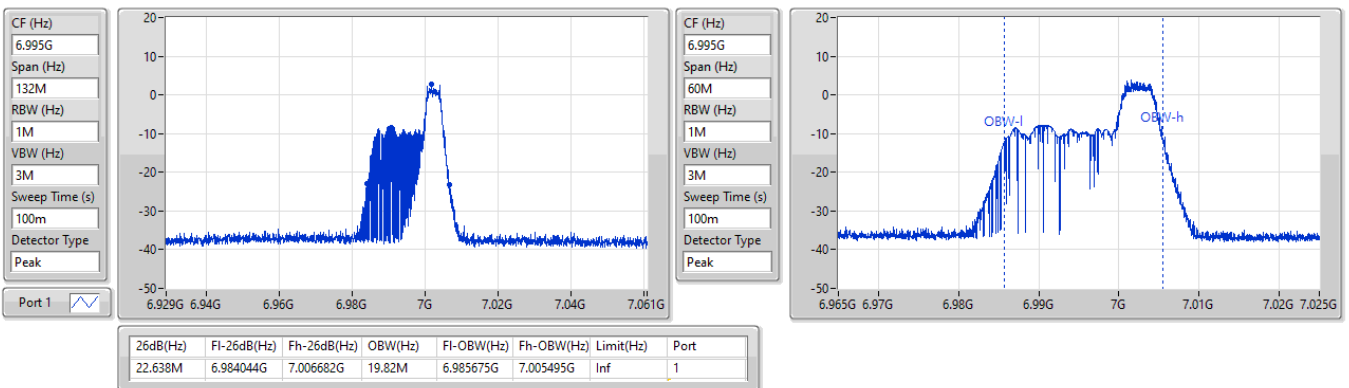


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)

EBW

6995MHz

16/03/2023

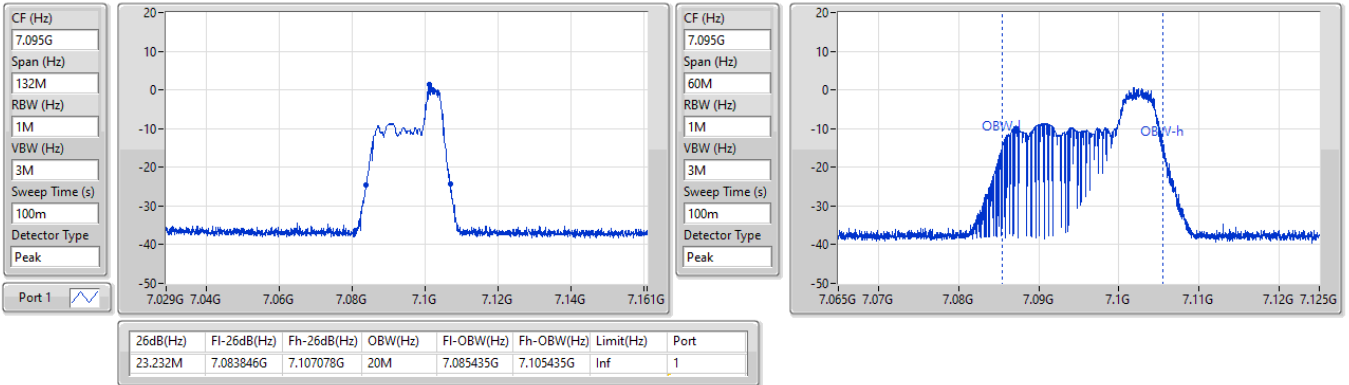


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)

EBW

7095MHz

16/03/2023

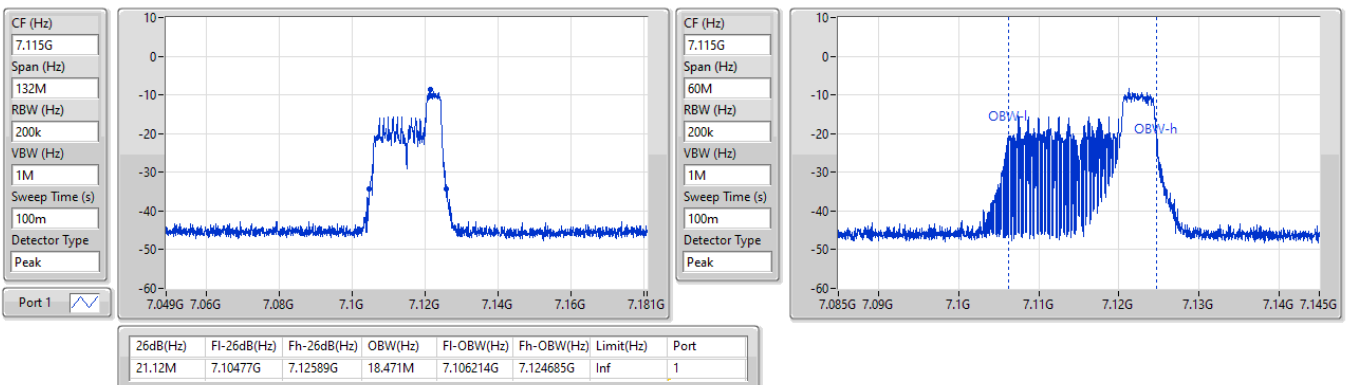


6.875-7.125GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port1)

EBW

7115MHz

16/03/2023

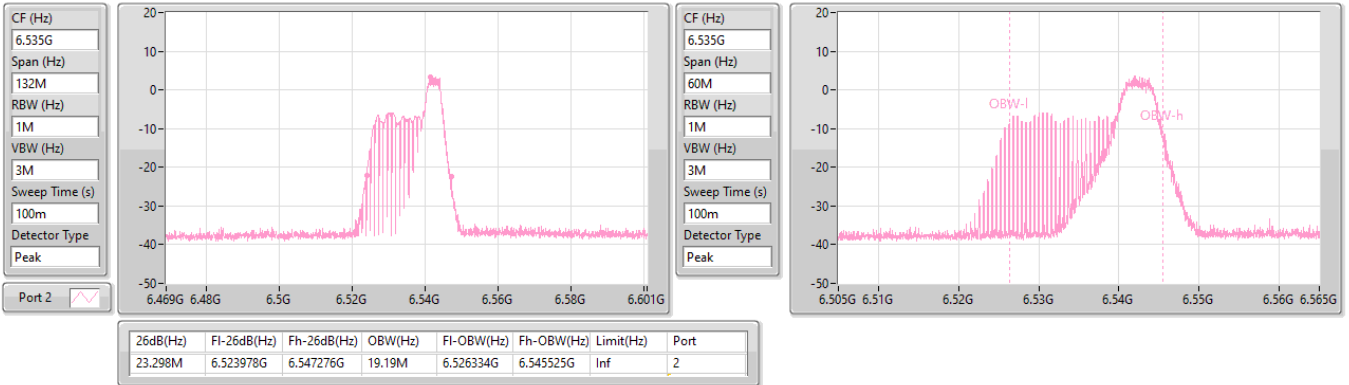


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)

EBW

6535MHz

16/03/2023

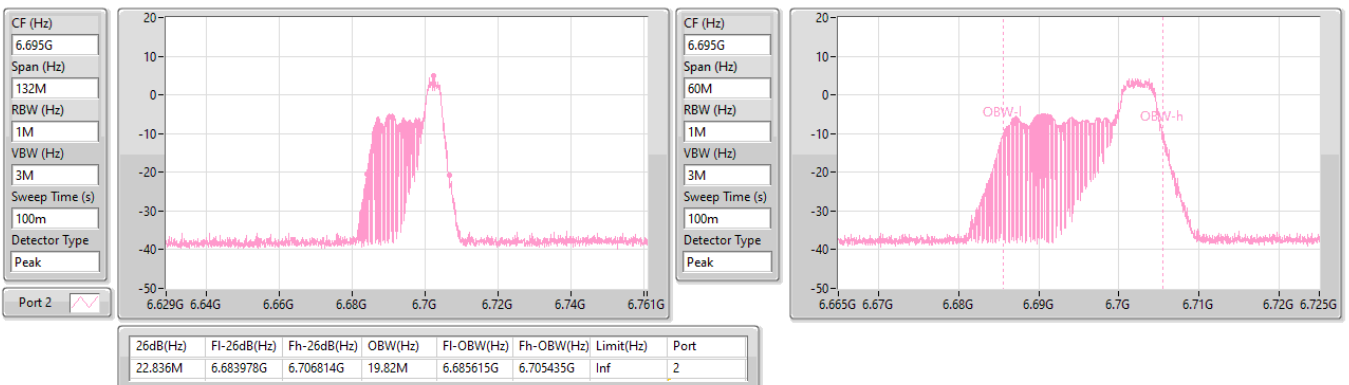


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)

EBW

6695MHz

16/03/2023

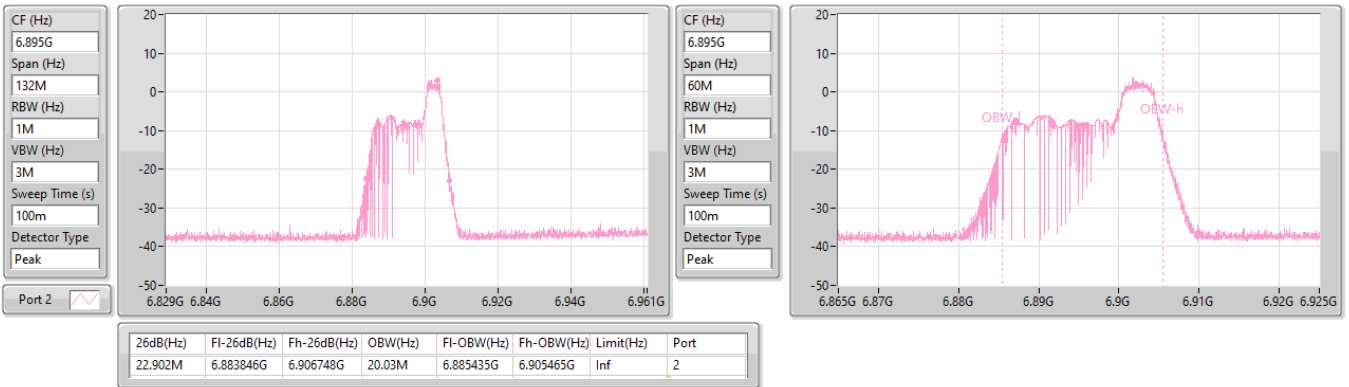


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)

EBW

6895MHz

16/03/2023

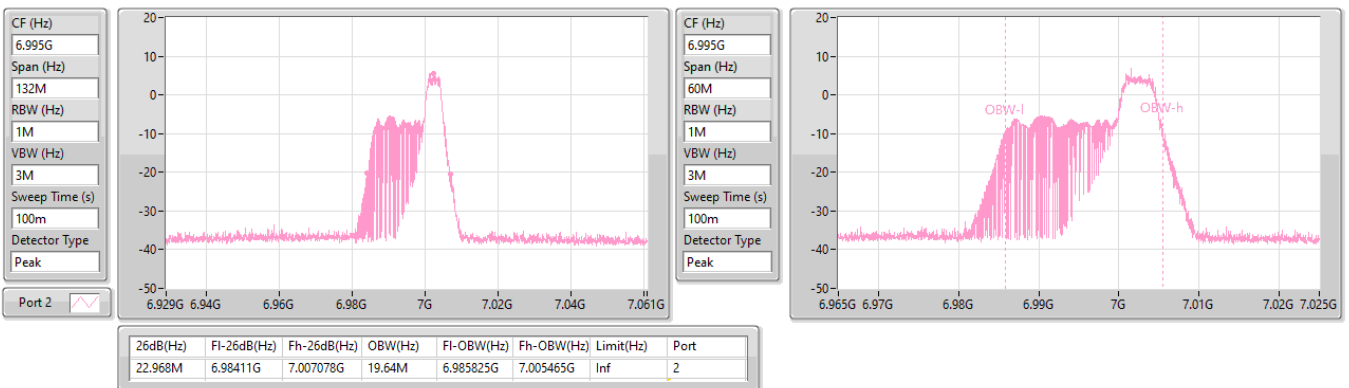


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)

EBW

6995MHz

16/03/2023

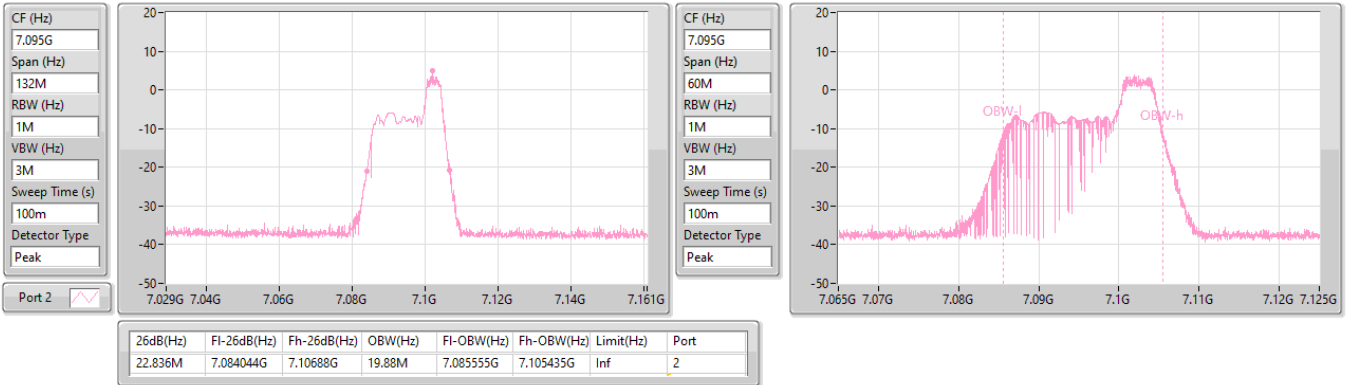


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)

EBW

7095MHz

16/03/2023

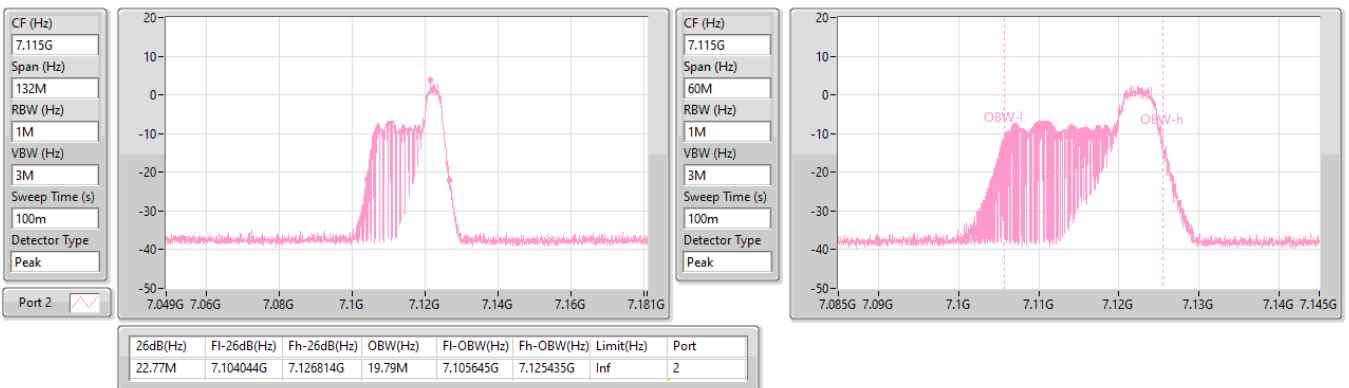


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX(Port2)

EBW

7115MHz

16/03/2023

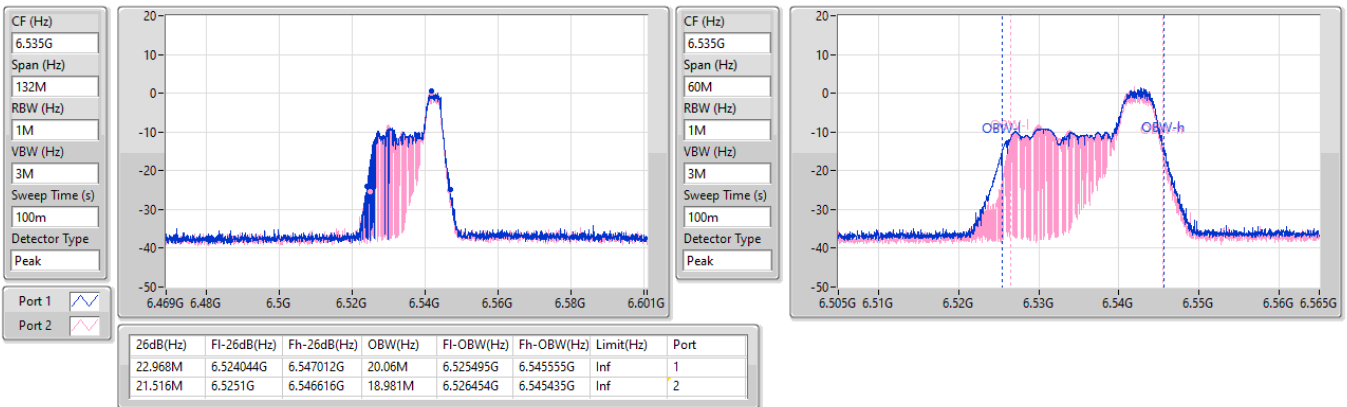


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

6535MHz

16/03/2023

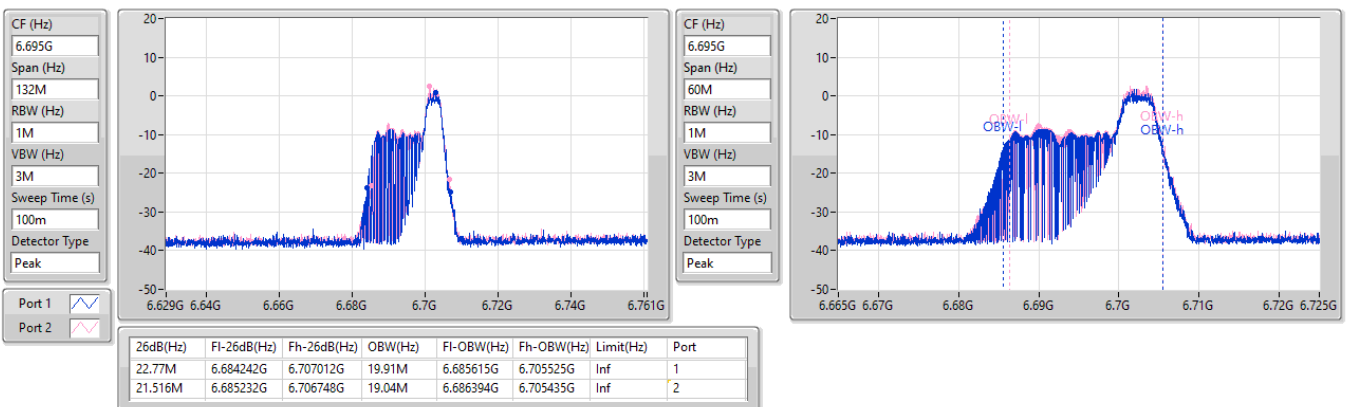


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

6695MHz

16/03/2023

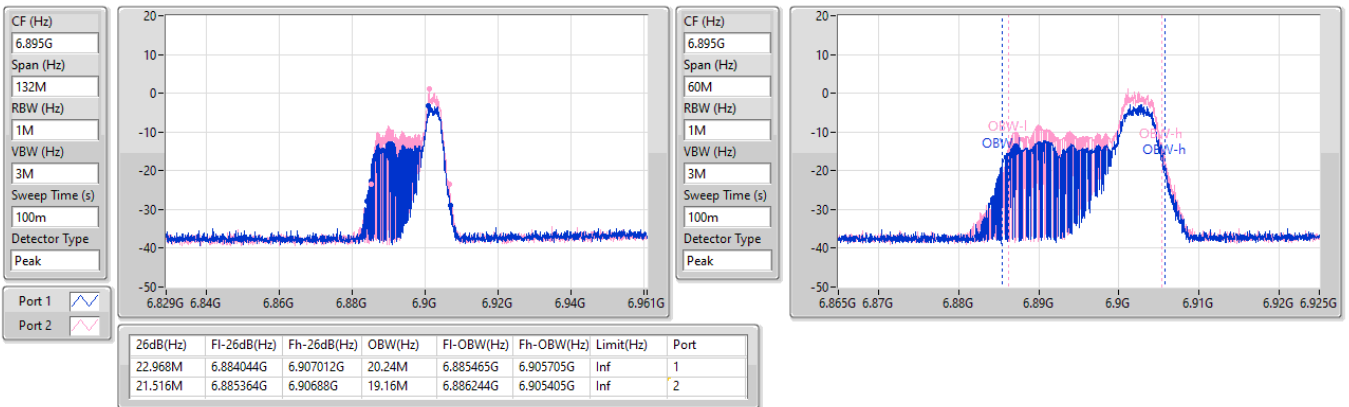


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

6895MHz

16/03/2023

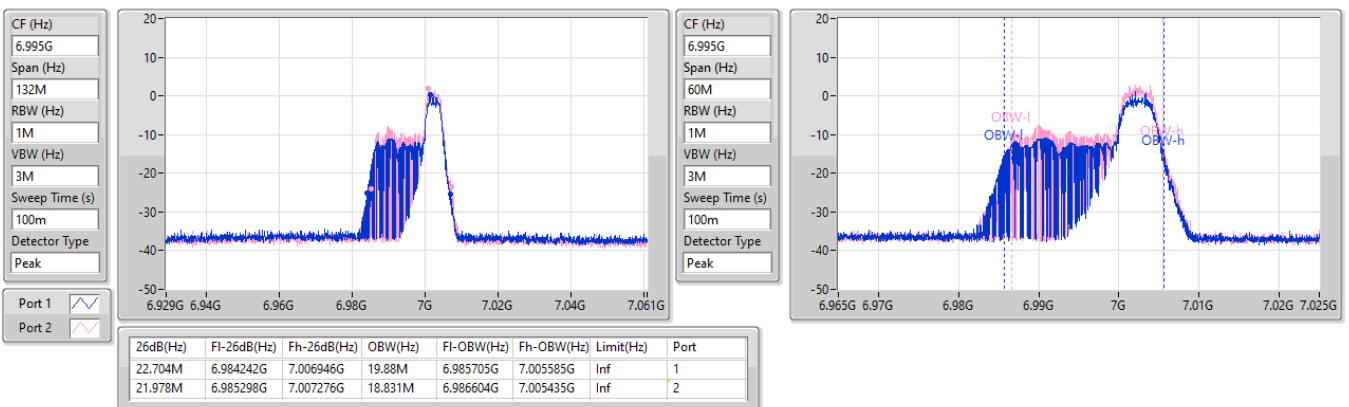


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

6995MHz

16/03/2023

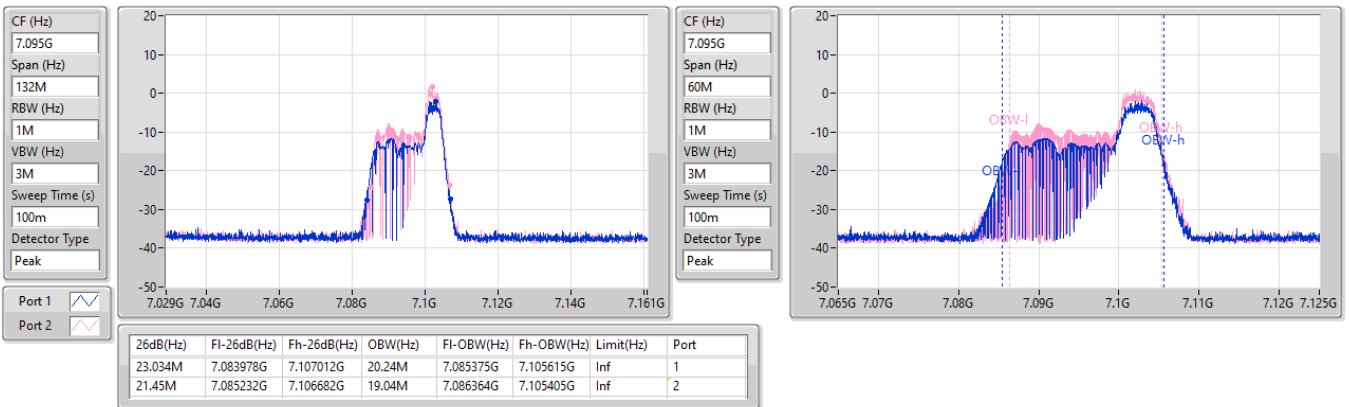


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

7095MHz

16/03/2023

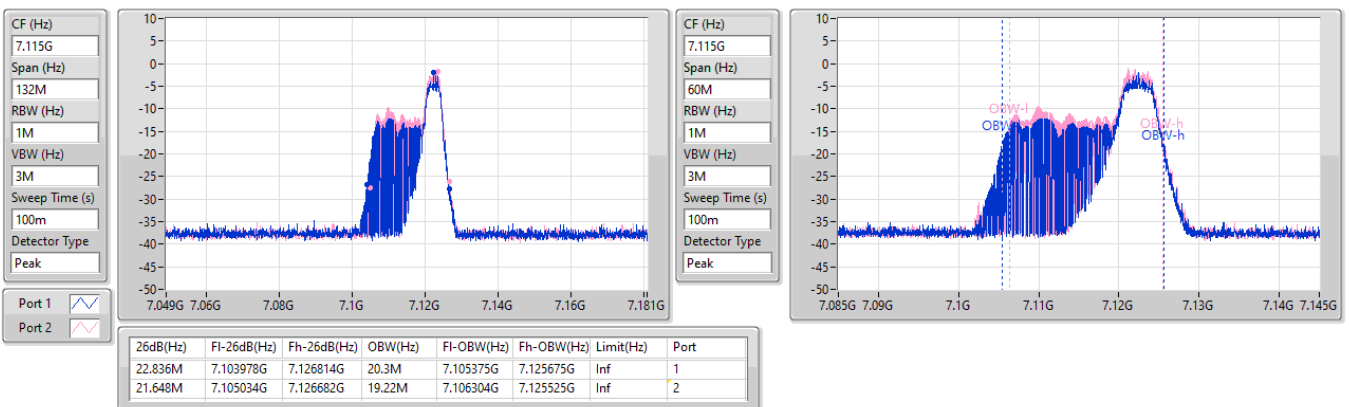


802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_2TX

EBW

7115MHz

16/03/2023

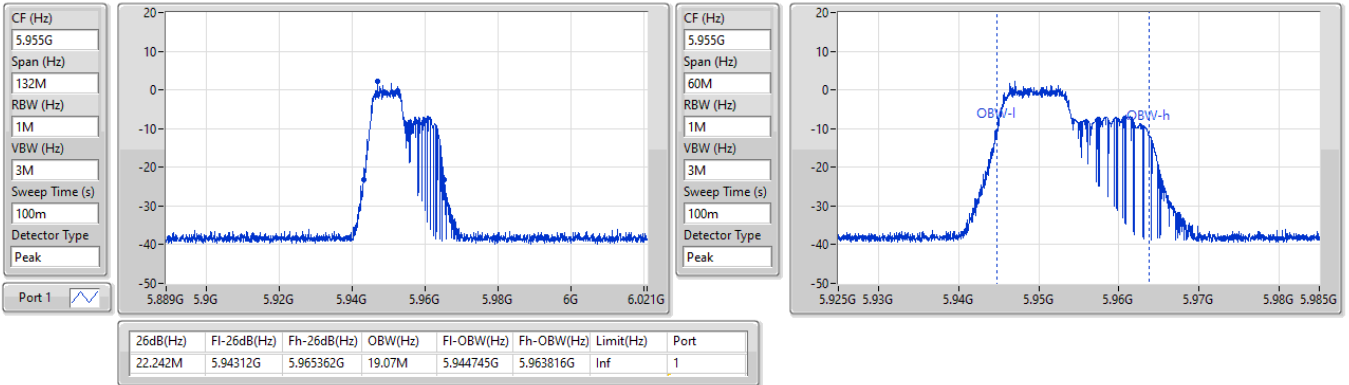


802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port1)

EBW

5955MHz

16/03/2023



802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX(Port1)

EBW

6415MHz

16/03/2023

