



FCC Radio Test Report

FCC ID : TOR-C360
Equipment : 802.11 a/n/ac/ax + b/g/n/ax Access Point
Brand Name : Arista
Model Name : C-360
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 29, 2021, and testing was started from Sep. 13, 2021 and completed on Dec. 14, 2021. 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: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

History of this test report.....3

Summary of Test Result.....4

1 General Description5

1.1 Information.....5

1.2 Applicable Standards10

1.3 Testing Location Information10

1.4 Measurement Uncertainty10

2 Test Configuration of EUT11

2.1 Test Channel Mode11

2.2 The Worst Case Measurement Configuration15

2.3 Accessories16

2.4 Support Equipment.....17

2.5 Test Setup Diagram18

3 Transmitter Test Result20

3.1 AC Power-line Conducted Emissions20

3.2 Emission Bandwidth22

3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)23

3.4 Peak Power Spectral Density (E.I.R.P.).....25

3.5 Unwanted Emissions.....28

3.6 Contention Based Protocol.....33

4 Test Equipment and Calibration Data34

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

APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH

APPENDIX C. TEST RESULTS OF MAXIMUM EQUIVALENT ISOTOPICALLY RADIATED POWER (E.I.R.P.)

APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY (E.I.R.P.)

APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS

APPENDIX F. TEST RESULTS OF CONTENTION-BASED PROTOCOL

APPENDIX G. TEST PHOTOS

PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR131113AE	01	Initial issue of report	Jan. 07, 2022
FR131113AE	02	Revised typo This report is the latest version replacing for the report issued on Jan. 07, 2022	Feb. 16, 2022



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

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:

The EUT supports beamforming and CDD modes, and the beamforming mode is the worst case. Therefore, all test items are evaluated in the report. The CDD mode only evaluates the output power.

Reviewed by: Sam Tsai

Report Producer: Jenny Yang



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	a, ax (HEW20)	5955 ~ 7095	1 ~ 229 [58]
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]

Non-Beamforming_Radio3

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11a	20	4TX
6.425-6.525GHz	802.11a	20	4TX
6.525-6.875GHz	802.11a	20	4TX
6.875-7.125GHz	802.11a	20	4TX
5.925-6.425GHz	802.11ax HEW20	20	4TX
6.425-6.525GHz	802.11ax HEW20	20	4TX
6.525-6.875GHz	802.11ax HEW20	20	4TX
6.875-7.125GHz	802.11ax HEW20	20	4TX
5.925-6.425GHz	802.11ax HEW40	40	4TX
6.425-6.525GHz	802.11ax HEW40	40	4TX
6.525-6.875GHz	802.11ax HEW40	40	4TX
6.875-7.125GHz	802.11ax HEW40	40	4TX
5.925-6.425GHz	802.11ax HEW80	80	4TX
6.425-6.525GHz	802.11ax HEW80	80	4TX
6.525-6.875GHz	802.11ax HEW80	80	4TX
6.875-7.125GHz	802.11ax HEW80	80	4TX
5.925-6.425GHz	802.11ax HEW160	160	4TX
6.425-6.525GHz	802.11ax HEW160	160	4TX
6.525-6.875GHz	802.11ax HEW160	160	4TX
6.875-7.125GHz	802.11ax HEW160	160	4TX



Non-Beamforming_Radio4

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11a	20	2TX
6.425-6.525GHz	802.11a	20	2TX
6.525-6.875GHz	802.11a	20	2TX
6.875-7.125GHz	802.11a	20	2TX
5.925-6.425GHz	802.11ax HEW20	20	2TX
6.425-6.525GHz	802.11ax HEW20	20	2TX
6.525-6.875GHz	802.11ax HEW20	20	2TX
6.875-7.125GHz	802.11ax HEW20	20	2TX
5.925-6.425GHz	802.11ax HEW40	40	2TX
6.425-6.525GHz	802.11ax HEW40	40	2TX
6.525-6.875GHz	802.11ax HEW40	40	2TX
6.875-7.125GHz	802.11ax HEW40	40	2TX
5.925-6.425GHz	802.11ax HEW80	80	2TX
6.425-6.525GHz	802.11ax HEW80	80	2TX
6.525-6.875GHz	802.11ax HEW80	80	2TX
6.875-7.125GHz	802.11ax HEW80	80	2TX
5.925-6.425GHz	802.11ax HEW160	160	2TX
6.425-6.525GHz	802.11ax HEW160	160	2TX
6.525-6.875GHz	802.11ax HEW160	160	2TX
6.875-7.125GHz	802.11ax HEW160	160	2TX

Beamforming_Radio3

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11ax HEW20-BF	20	4TX
6.425-6.525GHz	802.11ax HEW20-BF	20	4TX
6.525-6.875GHz	802.11ax HEW20-BF	20	4TX
6.875-7.125GHz	802.11ax HEW20-BF	20	4TX
5.925-6.425GHz	802.11ax HEW40-BF	40	4TX
6.425-6.525GHz	802.11ax HEW40-BF	40	4TX
6.525-6.875GHz	802.11ax HEW40-BF	40	4TX
6.875-7.125GHz	802.11ax HEW40-BF	40	4TX
5.925-6.425GHz	802.11ax HEW80-BF	80	4TX
6.425-6.525GHz	802.11ax HEW80-BF	80	4TX
6.525-6.875GHz	802.11ax HEW80-BF	80	4TX



Band	Mode	BWch (MHz)	Nant
6.875-7.125GHz	802.11ax HEW80-BF	80	4TX
5.925-6.425GHz	802.11ax HEW160-BF	160	4TX
6.425-6.525GHz	802.11ax HEW160-BF	160	4TX
6.525-6.875GHz	802.11ax HEW160-BF	160	4TX
6.875-7.125GHz	802.11ax HEW160-BF	160	4TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Radio
9	Senao	5718A0649300	PIFA	I-Pex	3
10	Senao	5718A0650300	PIFA	I-Pex	
11	Senao	5718A0651300	PIFA	I-Pex	
12	Senao	5718A0652300	PIFA	I-Pex	
13	Senao	5718A0631300	PIFA	I-Pex	4
14	Senao	5718A0632300	PIFA	I-Pex	

Ant.	Port	Max Peak Gain (dBi)	Composite Gain (dBi)			
			U-NII-5	U-NII-6	U-NII-7	U-NII-8
9	1	6.29	7.28	6.47	6.68	8.44
10	2	5.86				
11	3	6.21				
12	4	6.30				
13	1	5.81	-	-	-	-
14	2	5.72	-	-	-	-

Note: The composite gain is derived as KDB 662911 D03 v01. For more detail information, please refer to the Antenna composite gain test report AP131113.

For 6GHz function:

For IEEE 802.11 a/ax mode (2TX/2RX) (Radio4)

Ant. 13 (port 1) and Ant. 14 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/ax mode (4TX/4RX) (Radio3)

Ant. 9 (port 1), Ant. 10 (port 2), Ant. 11 (port 3) and Ant. 12 (port 4) could transmit/receive simultaneously.



Radio 3

Ant.	Directional Gain [dBi]								
	Mode	Power				PSD			
		U-NII-5	U-NII-6	U-NII-7	U-NII-8	U-NII-5	U-NII-6	U-NII-7	U-NII-8
9-12	Non-BF	6.30	6.30	6.30	6.30	7.28	6.47	6.68	8.44
	BF	7.28	6.47	6.68	8.44	7.28	6.47	6.68	8.44

Note: As per KDB 662911 D01 v02r01, the PSD of Non-BF mode should add array; and Power / PSD of BF mode should add array. However, the composite gain was used for Radio 3.

Radio 4

Ant.	Directional Gain [dBi]		
	Mode	Power	PSD
13-14	Non-BF	5.81	8.78

Note: Directional gain information

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

Ex.

Directional Gain (NSS1) formula:

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

$$N_{SS1}(g1,1) = 10^{G1/20} ; N_{SS1}(g1,2) = 10^{G2/20} ; N_{SS1}(g1,3) = 10^{G3/20} ; N_{SS1}(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (N_{SS1}(g1,1) + N_{SS1}(g1,2) + N_{SS1}(g1,3) + N_{SS1}(g1,4))^2$$

$$DG = 10 \log \left[\frac{(N_{SS1}(g1,1) + N_{SS1}(g1,2) + N_{SS1}(g1,3) + N_{SS1}(g1,4))^2}{N_{ANT}} \right] \Rightarrow 10$$

$$\log \left[\frac{(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2}{N_{ANT}} \right]$$

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain ; G3 = Ant 3 Gain ; G4 = Ant 4 Gain ;



1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	<input checked="" type="checkbox"/>	Indoor Access Point	<input type="checkbox"/> Subordinate
	<input 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 checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/> Without beamforming
Resource Unit(802.11ax)	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/> Partial RU
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

Radio3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.945	0.25	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.819	0.87	5.444m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.821	0.86	5.444m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.82	0.86	5.444m	300
802.11ax HEW160_Nss1,(MCS0)_4TX	0.914	0.39	5.444m	300

Radio4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.949	0.23	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.936	0.29	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.935	0.29	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.933	0.3	5.446m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.929	0.32	5.446m	300



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 v01
- ◆ KDB 662911 D01 v02r01
- ◆ KDB 662911 D03 v01
- ◆ 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	23.2~23.7°C / 62~63%	14/Oct/2021~15/Oct/2021
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	30/Sep/2021~14/Dec/2021
Radiated	03CH02-HY	Jack Tang	22.5~24.1°C / 52~64%	13/Sep/2021~14/Oct/2021
Contention-Based Protocol	DFS03-HY	Tony Chang	22.7~25.6°C / 53~59%	13/Oct/2021~14/Oct/2021
<input 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.				

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
Conducted Emission (150kHz ~ 30MHz)	2.64 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.80 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.30 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.00 dB	Confidence levels of 95%
Conducted Emission	2.00 dB	Confidence levels of 95%
Output Power Measurement	2.14 dB	Confidence levels of 95%
Power Density Measurement	0.26 dB	Confidence levels of 95%
Bandwidth Measurement	0.68 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00076.1
-----------------------	--------------------------------------

Radio3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5955MHz	3.5
6175MHz	4
6415MHz	5
6435MHz	5
6475MHz	5
6515MHz	4.5
6535MHz	4.5
6695MHz	6
6855MHz	6.5
6875MHz	6.5
6895MHz	3.5
6995MHz	3.5
7095MHz	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5955MHz	3
6175MHz	3.5
6415MHz	4.5
6435MHz	5
6475MHz	5
6515MHz	4.5
6535MHz	4
6695MHz	6
6855MHz	6
6875MHz	6
6895MHz	3.5
6995MHz	3.5
7095MHz	3.5



Mode	Power Setting
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5965MHz	6.5
6165MHz	6.5
6405MHz	7.5
6445MHz	8
6485MHz	8
6525MHz	8
6565MHz	8
6685MHz	9
6845MHz	9.5
6885MHz	9
6925MHz	6.5
7005MHz	6.5
7085MHz	7
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5985MHz	9
6145MHz	9.5
6385MHz	9.5
6465MHz	10.5
6545MHz	10.5
6625MHz	11
6705MHz	12
6785MHz	13
6865MHz	12
6945MHz	10
7025MHz	10.5
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6025MHz	12
6185MHz	12.5
6345MHz	12.5
6505MHz	13.5
6665MHz	15
6825MHz	15.5
6985MHz	13



Radio4

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5955MHz	-0.5
6175MHz	0
6415MHz	0.5
6435MHz	0.5
6475MHz	0.5
6515MHz	1
6535MHz	1
6695MHz	1
6855MHz	1
6875MHz	1
6895MHz	0.5
6995MHz	0.5
7095MHz	0.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	-0.5
6175MHz	0
6415MHz	0.5
6435MHz	0.5
6475MHz	0.5
6515MHz	1
6535MHz	1
6695MHz	1
6855MHz	1
6875MHz	1
6895MHz	0.5
6995MHz	0
7095MHz	1
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	2.5
6165MHz	3
6405MHz	3
6445MHz	3
6485MHz	3.5






Mode	Power Setting
6525MHz	3.5
6565MHz	3.5
6685MHz	4
6845MHz	4
6885MHz	3.5
6925MHz	3.5
7005MHz	3
7085MHz	4
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5985MHz	5
6145MHz	6
6385MHz	4.5
6465MHz	6.5
6545MHz	6.5
6625MHz	7
6705MHz	6.5
6785MHz	7
6865MHz	7
6945MHz	7
7025MHz	6.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	8.5
6185MHz	8.5
6345MHz	7.5
6505MHz	9.5
6665MHz	9.5
6825MHz	9.5
6985MHz	9

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	PoE 1 mode
3	PoE 2 mode

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
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	PoE 1 mode		
3	PoE 2 mode		
Operating Mode > 1GHz	CTX		
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
Operating Mode	CTX
1	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 2.4G(Radio4)+Bluetooth
2	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 5G(Radio4)+Bluetooth
3	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 6G(Radio4)+Bluetooth
4	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 6G(Radio3)+WLAN 2.4G(Radio4)+Bluetooth
5	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 6G(Radio3)+WLAN 5G(Radio4)+Bluetooth
6	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 6G(Radio3)+WLAN 6G(Radio4)+Bluetooth
Refer to Sporton Test Report No.: FA131113 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Bracket ceiling mount	Brand Name	CEN JEY	Model Name	6301A4653010

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	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1
3	PoE1	EnGenius	EPA5006GAT	-	Note 1
4	PoE2	EnGenius	EPA5006GP	-	Note 1

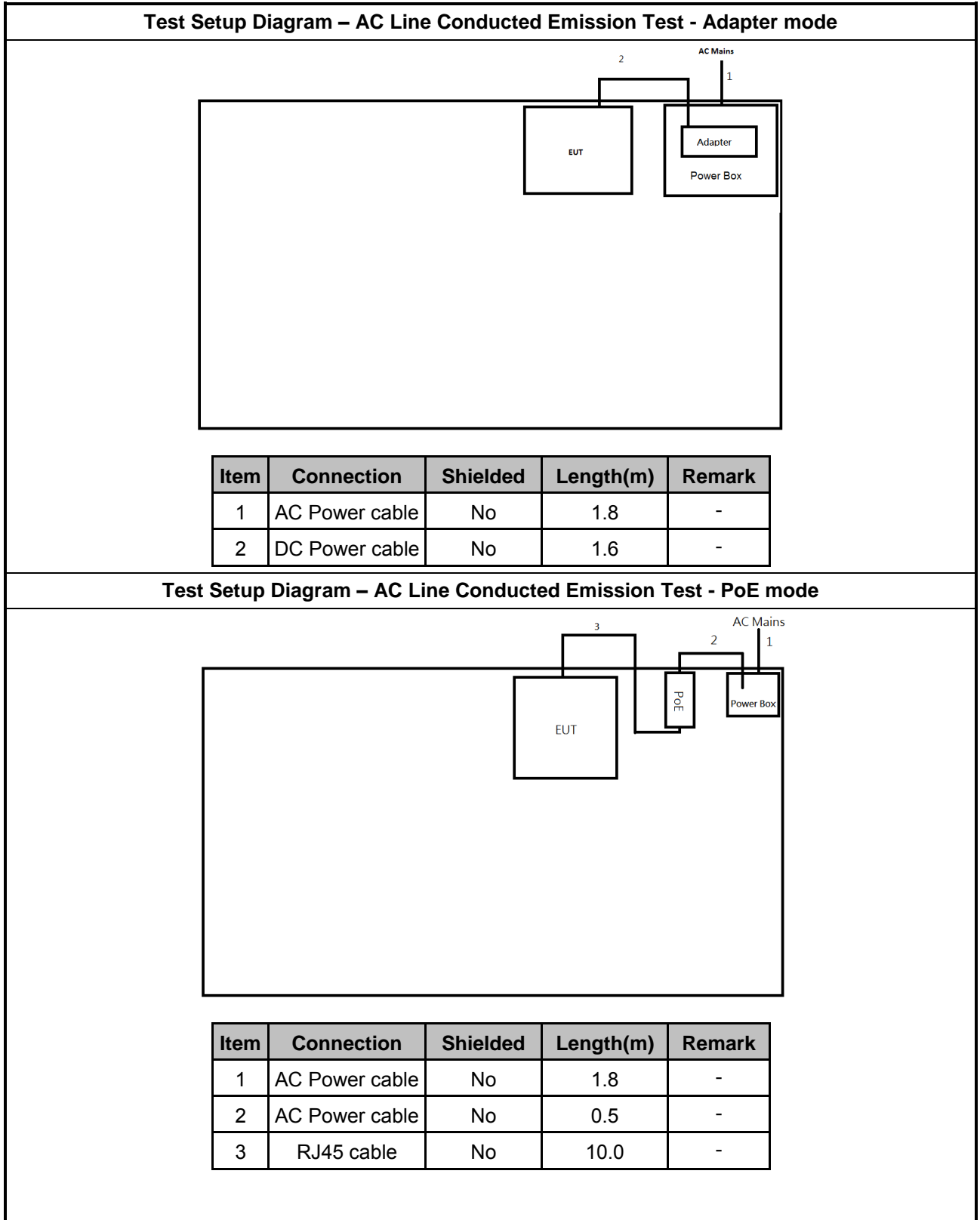
Note 1: Provided by Customer

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

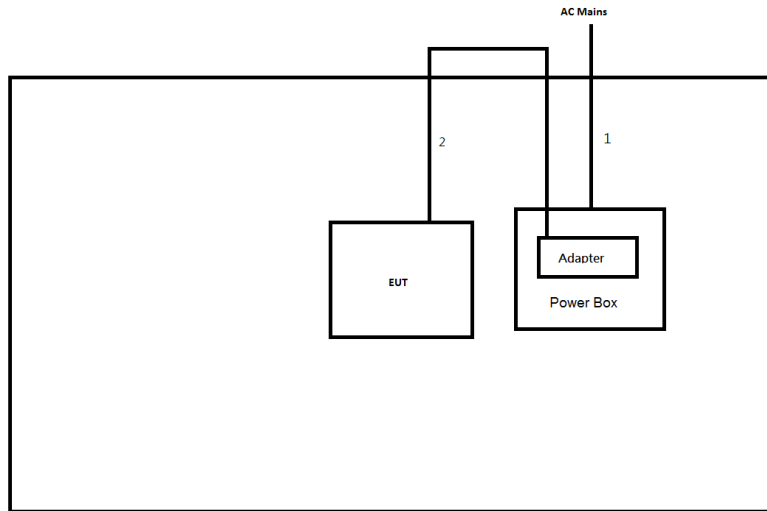
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1
3	PoE1 (Remote)	EnGenius	EPA5006GAT	-	Note 1
4	PoE2 (Remote)	EnGenius	EPA5006GP	-	Note 1

Note 1: Provided by Customer

2.5 Test Setup Diagram

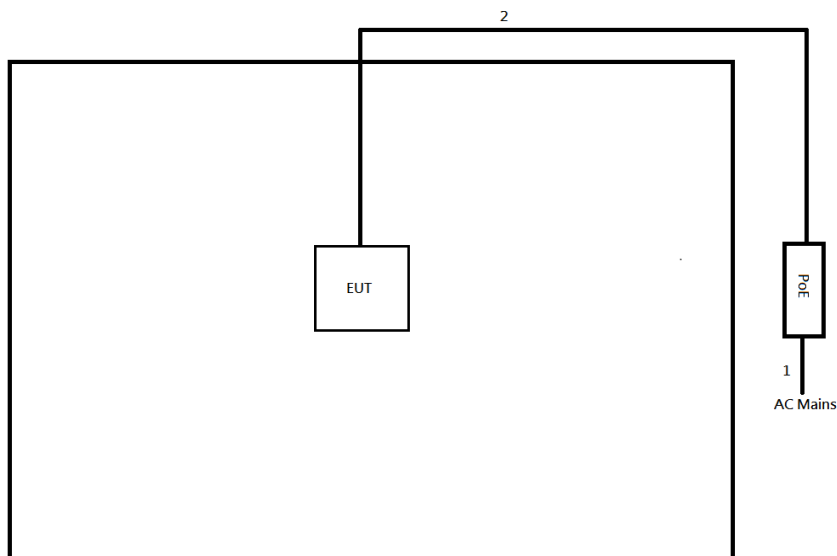


Test Setup Diagram - Radiated Test - Adapter mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.6	-

Test Setup Diagram - Radiated Test - PoE mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	0.5	-
2	RJ45 cable	No	10.0	-



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

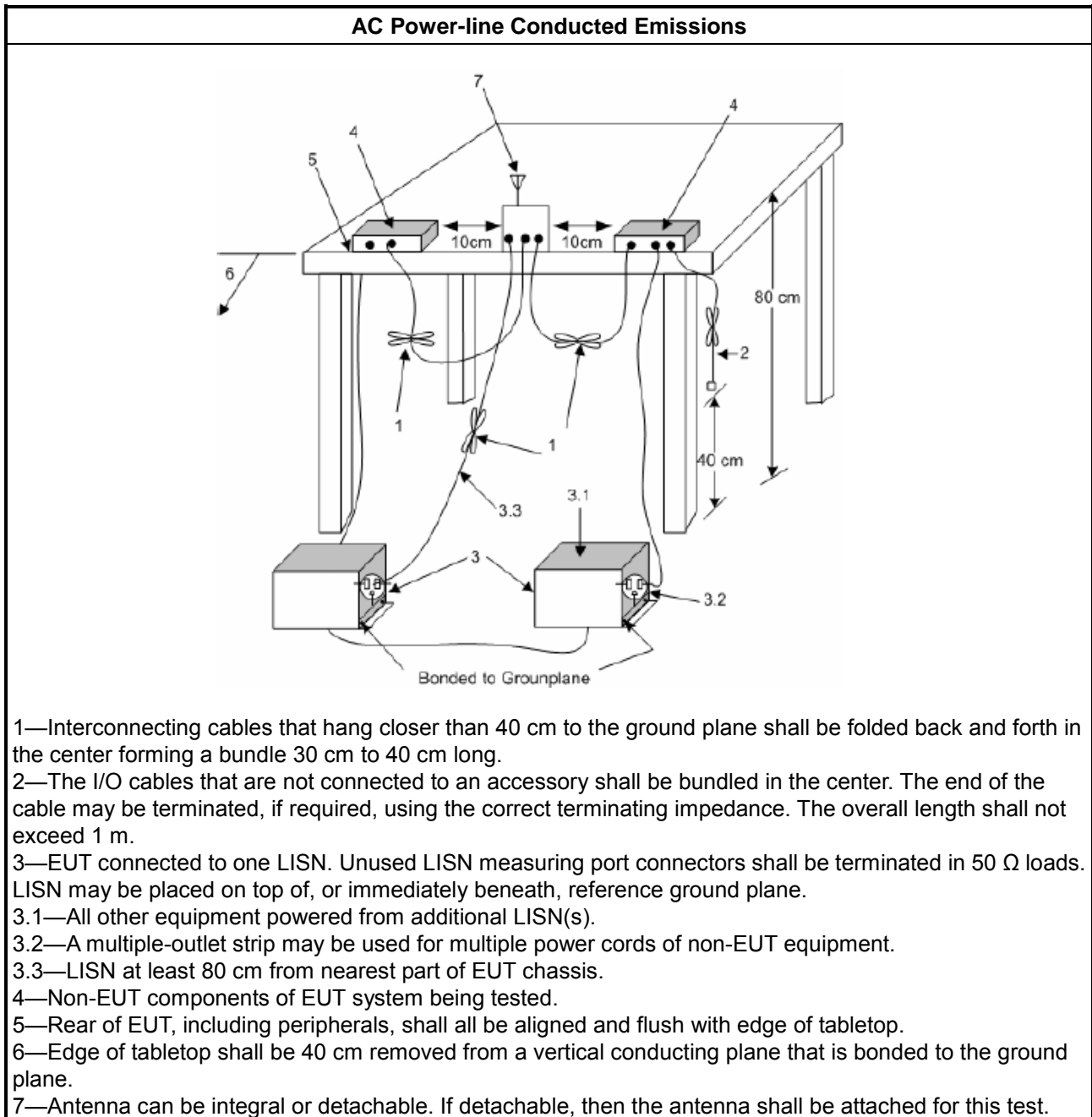
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

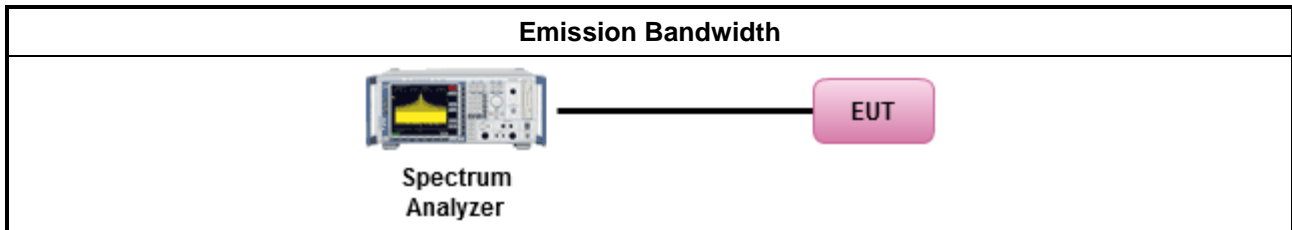
3.2.2 Measuring Instruments

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.

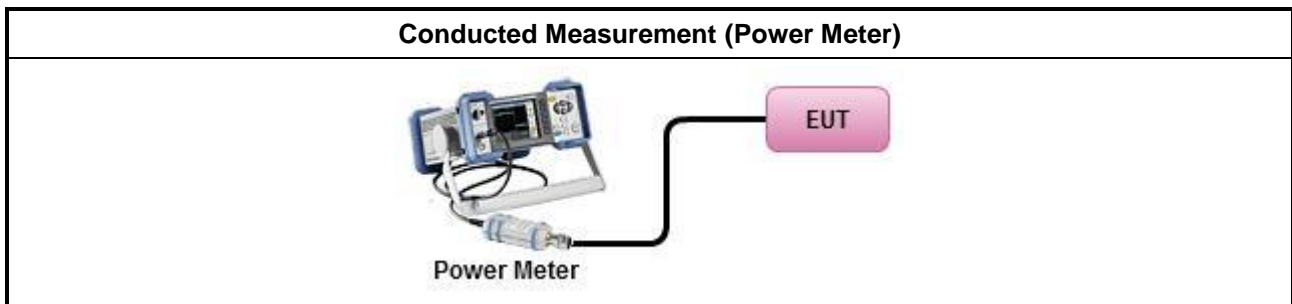
3.3.2 Measuring Instruments

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 	
<ul style="list-style-type: none"> Duty cycle $\geq 98\%$ <ul style="list-style-type: none"> <input type="checkbox"/> Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle $< 98\%$ <ul style="list-style-type: none"> <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 <ul style="list-style-type: none"> <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

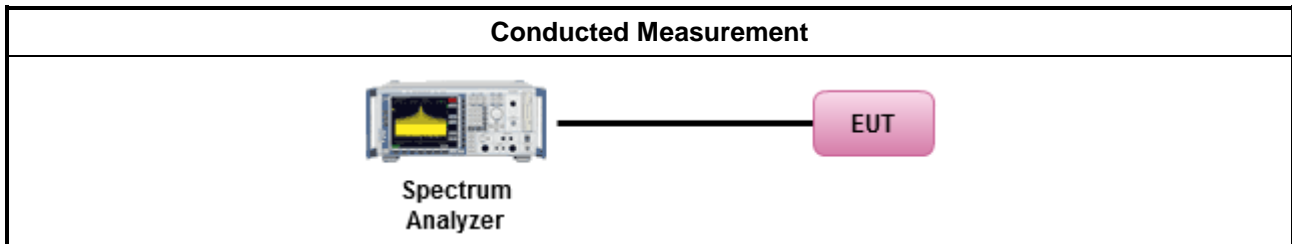
Refer a test equipment and calibration data table in this test report.



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 checked="" 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 checked="" 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

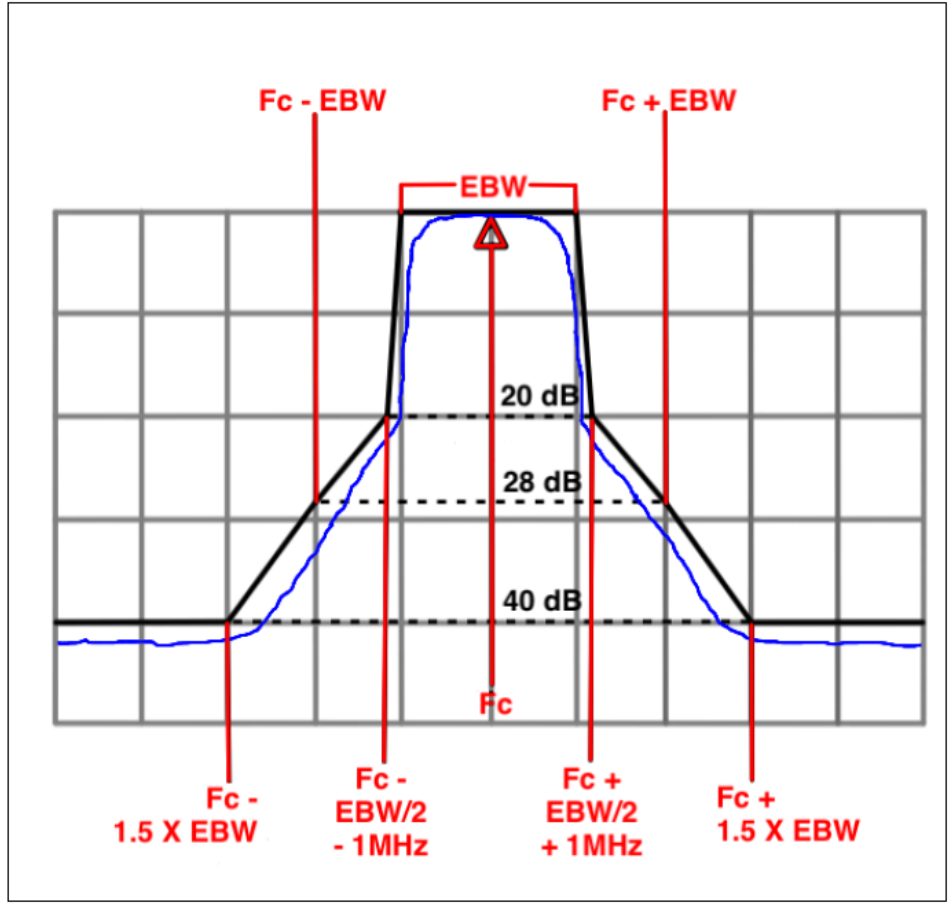
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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) = 54dBuV/m at 3m + 9.54dB = 63.54 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) = 68.2dBuV/m at 3m + 9.54dB = 77.74 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.





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.
<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. 	

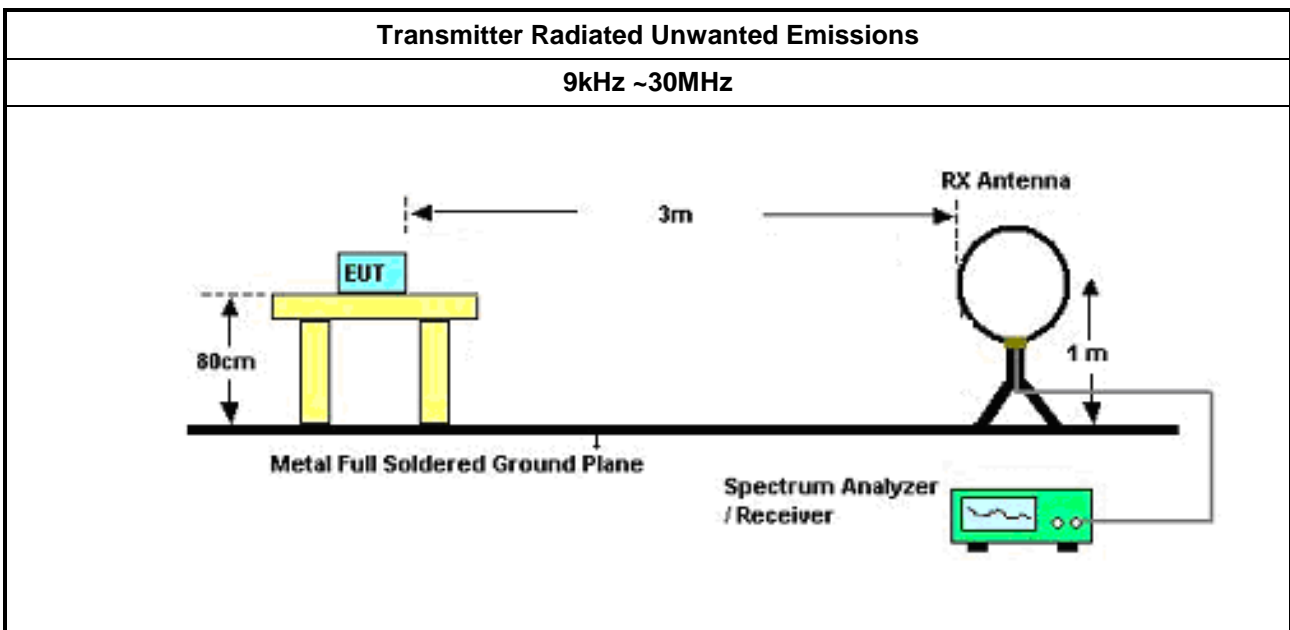
<ul style="list-style-type: none"> Use the following spectrum analyzer settings: 	
	<ul style="list-style-type: none"> Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ 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.

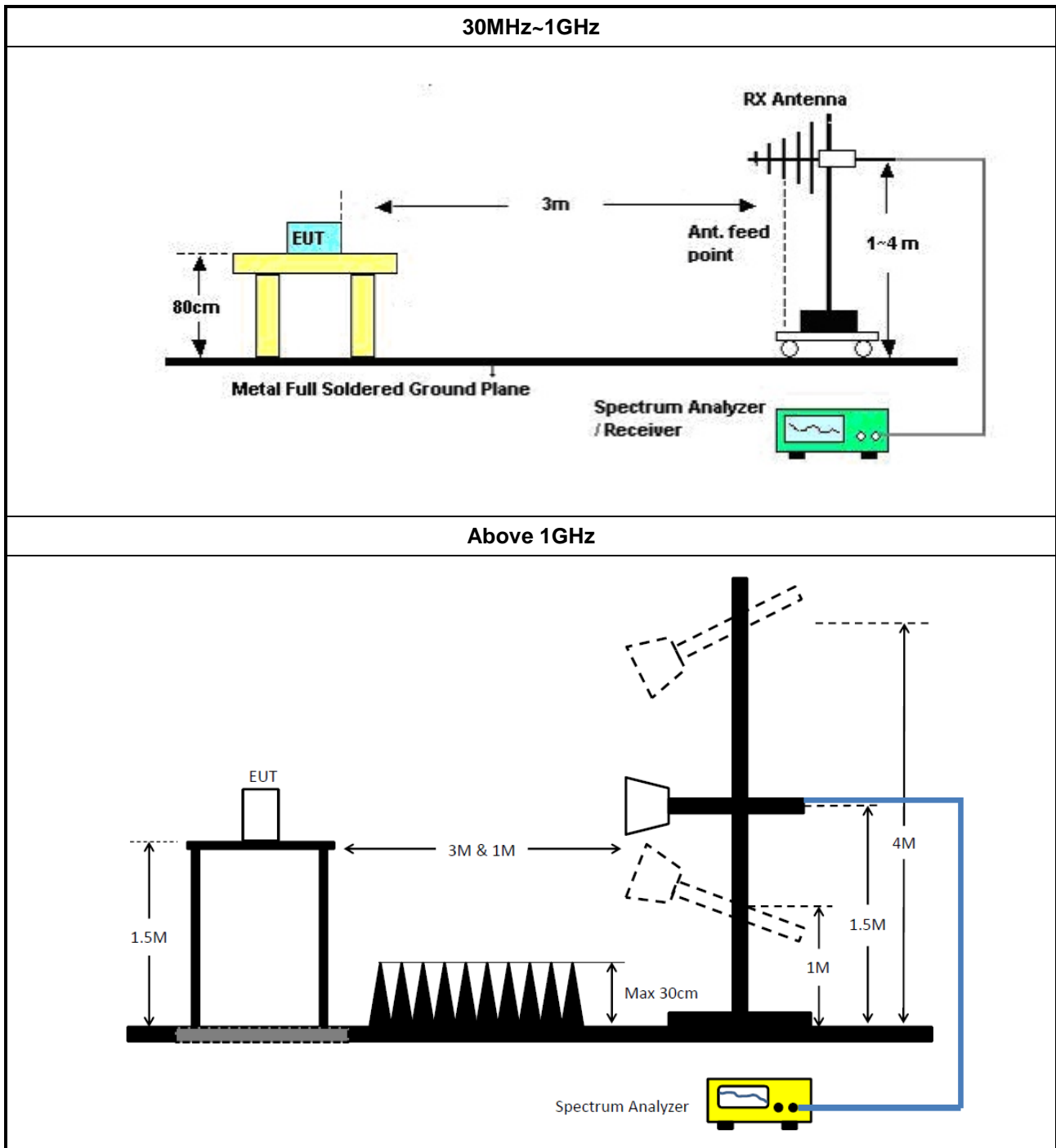
3.5.4 Measurement Results Calculation

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)

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.

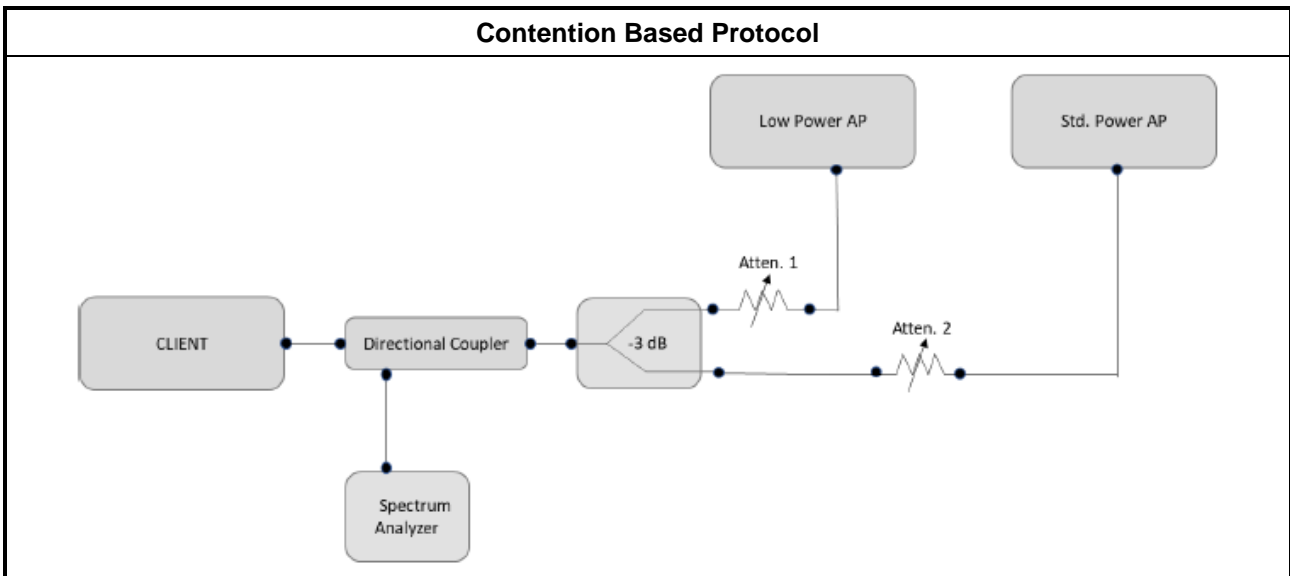
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F



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	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	15/Sep/2021	14/Sep/2022

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Mar/2021	29/Mar/2022
Signal Generator	R&S	SMB100A	181239	1MHz~40GHz	30/Dec/2020	29/Dec/2021

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	57.15	65.96	-8.81	Line
Mode 2	Pass	AV	27.343M	39.62	50.00	-10.38	Line
Mode 3	Pass	AV	2.376M	34.86	46.00	-11.14	Line



Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	57.15	65.96	-8.81	Line	-
Mode 1	Pass	AV	150.6k	38.37	55.96	-17.59	Line	-
Mode 1	Pass	QP	161.82k	56.10	65.37	-9.27	Line	-
Mode 1	Pass	AV	161.82k	39.22	55.37	-16.15	Line	-
Mode 1	Pass	QP	187.577k	50.87	64.15	-13.28	Line	-
Mode 1	Pass	AV	187.577k	32.19	54.15	-21.96	Line	-
Mode 1	Pass	QP	477.384k	34.87	56.38	-21.51	Line	-
Mode 1	Pass	AV	477.384k	26.26	46.38	-20.12	Line	-
Mode 1	Pass	QP	922.424k	26.51	56.00	-29.49	Line	-
Mode 1	Pass	AV	922.424k	20.61	46.00	-25.39	Line	-
Mode 1	Pass	QP	6.926M	21.30	60.00	-38.70	Line	-
Mode 1	Pass	AV	6.926M	18.16	50.00	-31.84	Line	-
Mode 1	Pass	QP	165.743k	54.74	65.18	-10.44	Neutral	-
Mode 1	Pass	AV	165.743k	36.02	55.18	-19.16	Neutral	-
Mode 1	Pass	QP	192.892k	48.95	63.92	-14.97	Neutral	-
Mode 1	Pass	AV	192.892k	31.91	53.92	-22.01	Neutral	-
Mode 1	Pass	QP	248.05k	42.00	61.81	-19.81	Neutral	-
Mode 1	Pass	AV	248.05k	26.50	51.81	-25.31	Neutral	-
Mode 1	Pass	QP	481.211k	32.35	56.33	-23.98	Neutral	-
Mode 1	Pass	AV	481.211k	22.39	46.33	-23.94	Neutral	-
Mode 1	Pass	QP	1.074M	29.97	56.00	-26.03	Neutral	-
Mode 1	Pass	AV	1.074M	24.38	46.00	-21.62	Neutral	-
Mode 1	Pass	QP	11.316M	23.77	60.00	-36.23	Neutral	-
Mode 1	Pass	AV	11.316M	19.97	50.00	-30.03	Neutral	-
Mode 2	Pass	QP	150k	49.92	66.00	-16.08	Line	-
Mode 2	Pass	AV	150k	37.11	56.00	-18.89	Line	-
Mode 2	Pass	QP	246.077k	39.56	61.89	-22.33	Line	-
Mode 2	Pass	AV	246.077k	37.00	51.89	-14.89	Line	-
Mode 2	Pass	QP	437.246k	40.35	57.11	-16.76	Line	-
Mode 2	Pass	AV	437.246k	34.23	47.11	-12.88	Line	-
Mode 2	Pass	QP	2.283M	43.26	56.00	-12.74	Line	-
Mode 2	Pass	AV	2.283M	34.74	46.00	-11.26	Line	-
Mode 2	Pass	QP	20.107M	36.52	60.00	-23.48	Line	-
Mode 2	Pass	AV	20.107M	29.64	50.00	-20.36	Line	-
Mode 2	Pass	QP	27.343M	42.42	60.00	-17.58	Line	-
Mode 2	Pass	AV	27.343M	39.62	50.00	-10.38	Line	-
Mode 2	Pass	QP	152.414k	45.53	65.87	-20.34	Neutral	-
Mode 2	Pass	AV	152.414k	35.32	55.87	-20.55	Neutral	-
Mode 2	Pass	QP	246.077k	39.26	61.89	-22.63	Neutral	-
Mode 2	Pass	AV	246.077k	36.90	51.89	-14.99	Neutral	-
Mode 2	Pass	QP	435.504k	39.82	57.15	-17.33	Neutral	-
Mode 2	Pass	AV	435.504k	32.80	47.15	-14.35	Neutral	-
Mode 2	Pass	QP	2.211M	42.30	56.00	-13.70	Neutral	-
Mode 2	Pass	AV	2.211M	33.86	46.00	-12.14	Neutral	-
Mode 2	Pass	QP	20.926M	36.98	60.00	-23.02	Neutral	-
Mode 2	Pass	AV	20.926M	29.76	50.00	-20.24	Neutral	-
Mode 2	Pass	QP	28.571M	41.79	60.00	-18.21	Neutral	-
Mode 2	Pass	AV	28.571M	36.96	50.00	-13.04	Neutral	-
Mode 3	Pass	QP	156.734k	49.30	65.64	-16.34	Line	-
Mode 3	Pass	AV	156.734k	36.93	55.64	-18.71	Line	-

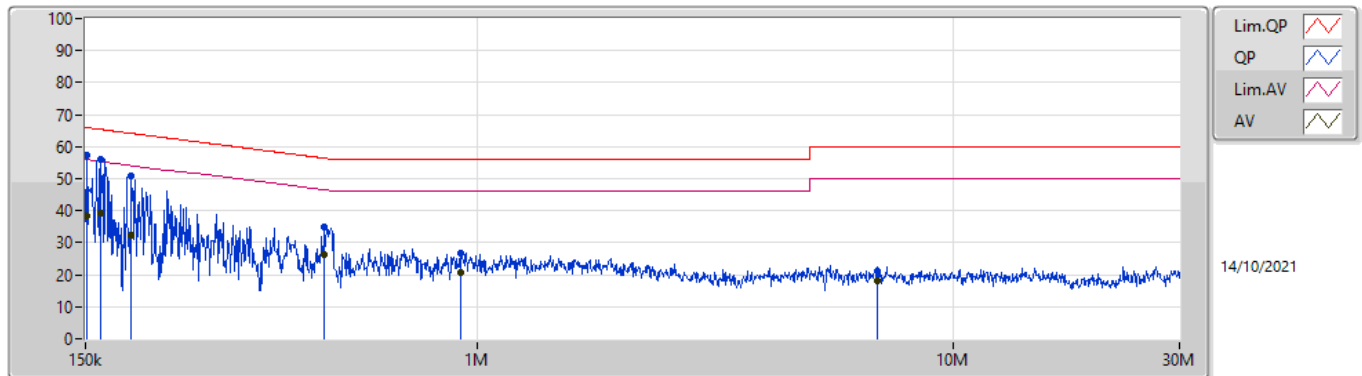


Conducted Emissions at Powerline_Radio3

Appendix A.1

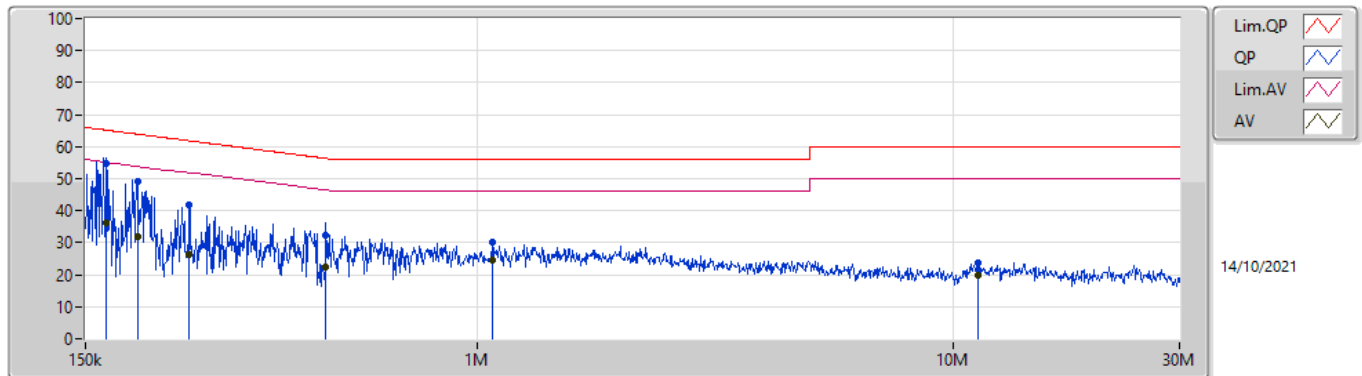
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	169.084k	46.02	65.01	-18.99	Line	-
Mode 3	Pass	AV	169.084k	32.26	55.01	-22.75	Line	-
Mode 3	Pass	QP	186.085k	42.44	64.20	-21.76	Line	-
Mode 3	Pass	AV	186.085k	28.89	54.20	-25.31	Line	-
Mode 3	Pass	QP	444.284k	40.60	56.98	-16.38	Line	-
Mode 3	Pass	AV	444.284k	34.25	46.98	-12.73	Line	-
Mode 3	Pass	QP	2.376M	43.40	56.00	-12.60	Line	-
Mode 3	Pass	AV	2.376M	34.86	46.00	-11.14	Line	-
Mode 3	Pass	QP	20.926M	40.45	60.00	-19.55	Line	-
Mode 3	Pass	AV	20.926M	33.34	50.00	-16.66	Line	-
Mode 3	Pass	QP	153.636k	44.98	65.81	-20.83	Neutral	-
Mode 3	Pass	AV	153.636k	34.72	55.81	-21.09	Neutral	-
Mode 3	Pass	QP	172.493k	41.11	64.83	-23.72	Neutral	-
Mode 3	Pass	AV	172.493k	30.15	54.83	-24.68	Neutral	-
Mode 3	Pass	QP	195.216k	36.88	63.80	-26.92	Neutral	-
Mode 3	Pass	AV	195.216k	27.04	53.80	-26.76	Neutral	-
Mode 3	Pass	QP	449.637k	39.18	56.88	-17.70	Neutral	-
Mode 3	Pass	AV	449.637k	30.87	46.88	-16.01	Neutral	-
Mode 3	Pass	QP	2.292M	43.26	56.00	-12.74	Neutral	-
Mode 3	Pass	AV	2.292M	34.73	46.00	-11.27	Neutral	-
Mode 3	Pass	QP	20.269M	38.76	60.00	-21.24	Neutral	-
Mode 3	Pass	AV	20.269M	32.40	50.00	-17.60	Neutral	-

Conducted Emissions at Powerline_Mode 1



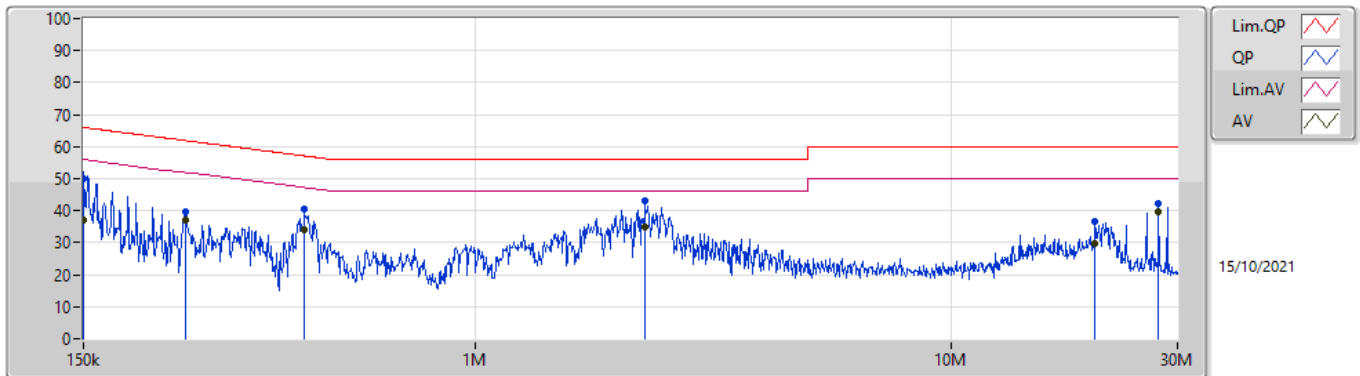
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150.6k	57.15	65.96	-8.81	19.62	Line	-	37.53	9.69	0.04	9.89
AV	150.6k	38.37	55.96	-17.59	19.62	Line	-	18.75	9.69	0.04	9.89
QP	161.82k	56.10	65.37	-9.27	19.62	Line	-	36.48	9.69	0.04	9.89
AV	161.82k	39.22	55.37	-16.15	19.62	Line	-	19.60	9.69	0.04	9.89
QP	187.577k	50.87	64.15	-13.28	19.61	Line	-	31.26	9.68	0.04	9.89
AV	187.577k	32.19	54.15	-21.96	19.61	Line	-	12.58	9.68	0.04	9.89
QP	477.384k	34.87	56.38	-21.51	19.62	Line	-	15.25	9.67	0.06	9.89
AV	477.384k	26.26	46.38	-20.12	19.62	Line	-	6.64	9.67	0.06	9.89
QP	922.424k	26.51	56.00	-29.49	19.64	Line	-	6.87	9.67	0.08	9.89
AV	922.424k	20.61	46.00	-25.39	19.64	Line	-	0.97	9.67	0.08	9.89
QP	6.926M	21.30	60.00	-38.70	19.78	Line	-	1.52	9.71	0.18	9.89
AV	6.926M	18.16	50.00	-31.84	19.78	Line	-	-1.62	9.71	0.18	9.89

Conducted Emissions at Powerline_Mode 1



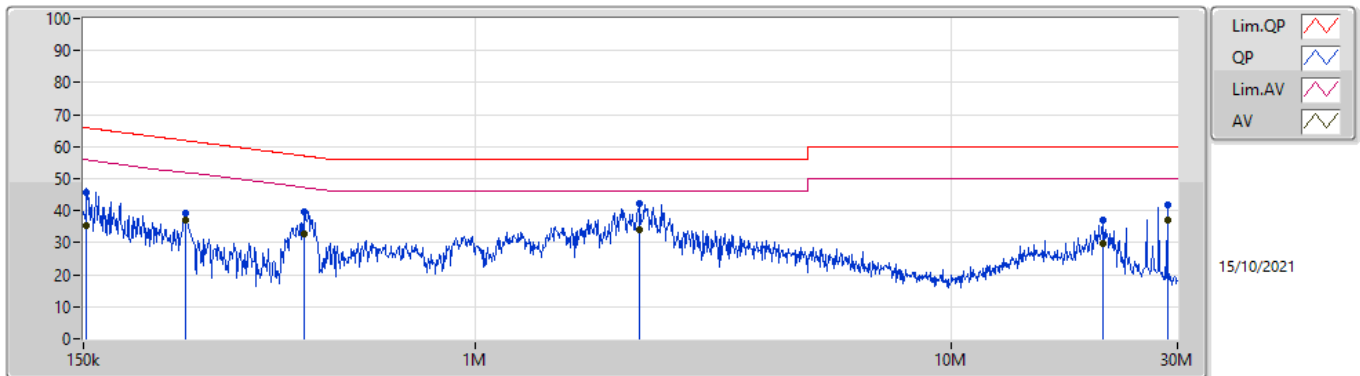
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	165.743k	54.74	65.18	-10.44	19.62	Neutral	-	35.12	9.69	0.04	9.89
AV	165.743k	36.02	55.18	-19.16	19.62	Neutral	-	16.40	9.69	0.04	9.89
QP	192.892k	48.95	63.92	-14.97	19.61	Neutral	-	29.34	9.68	0.04	9.89
AV	192.892k	31.91	53.92	-22.01	19.61	Neutral	-	12.30	9.68	0.04	9.89
QP	248.05k	42.00	61.81	-19.81	19.62	Neutral	-	22.38	9.68	0.05	9.89
AV	248.05k	26.50	51.81	-25.31	19.62	Neutral	-	6.88	9.68	0.05	9.89
QP	481.211k	32.35	56.33	-23.98	19.62	Neutral	-	12.73	9.67	0.06	9.89
AV	481.211k	22.39	46.33	-23.94	19.62	Neutral	-	2.77	9.67	0.06	9.89
QP	1.074M	29.97	56.00	-26.03	19.64	Neutral	-	10.33	9.67	0.08	9.89
AV	1.074M	24.38	46.00	-21.62	19.64	Neutral	-	4.74	9.67	0.08	9.89
QP	11.316M	23.77	60.00	-36.23	19.84	Neutral	-	3.93	9.73	0.22	9.89
AV	11.316M	19.97	50.00	-30.03	19.84	Neutral	-	0.13	9.73	0.22	9.89

Conducted Emissions at Powerline_Mode 2



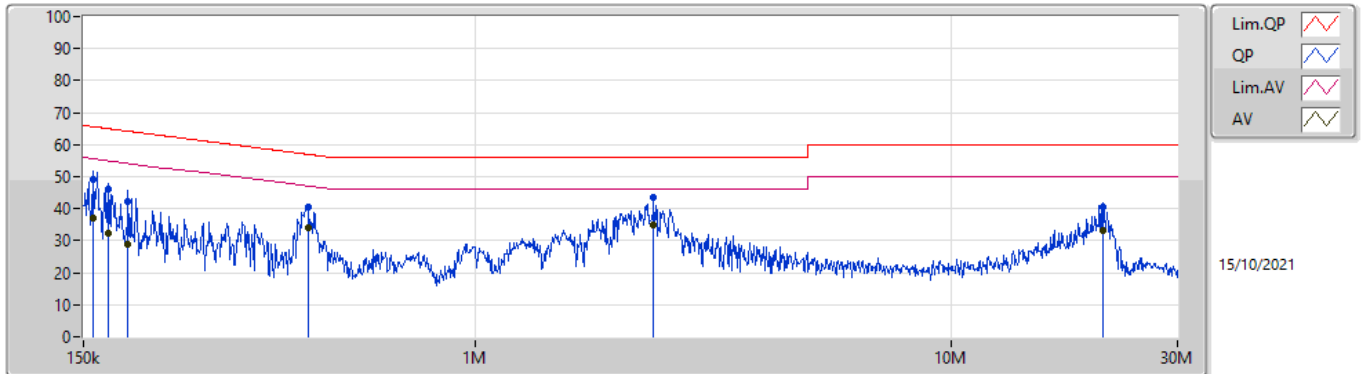
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150k	49.92	66.00	-16.08	19.62	Line	-	30.30	9.69	0.04	9.89
AV	150k	37.11	56.00	-18.89	19.62	Line	-	17.49	9.69	0.04	9.89
QP	246.077k	39.56	61.89	-22.33	19.62	Line	-	19.94	9.68	0.05	9.89
AV	246.077k	37.00	51.89	-14.89	19.62	Line	-	17.38	9.68	0.05	9.89
QP	437.246k	40.35	57.11	-16.76	19.62	Line	-	20.73	9.67	0.06	9.89
AV	437.246k	34.23	47.11	-12.88	19.62	Line	-	14.61	9.67	0.06	9.89
QP	2.283M	43.26	56.00	-12.74	19.67	Line	-	23.59	9.68	0.11	9.88
AV	2.283M	34.74	46.00	-11.26	19.67	Line	-	15.07	9.68	0.11	9.88
QP	20.107M	36.52	60.00	-23.48	19.86	Line	-	16.66	9.67	0.30	9.89
AV	20.107M	29.64	50.00	-20.36	19.86	Line	-	9.78	9.67	0.30	9.89
QP	27.343M	42.42	60.00	-17.58	19.78	Line	-	22.64	9.56	0.33	9.89
AV	27.343M	39.62	50.00	-10.38	19.78	Line	-	19.84	9.56	0.33	9.89

Conducted Emissions at Powerline_Mode 2



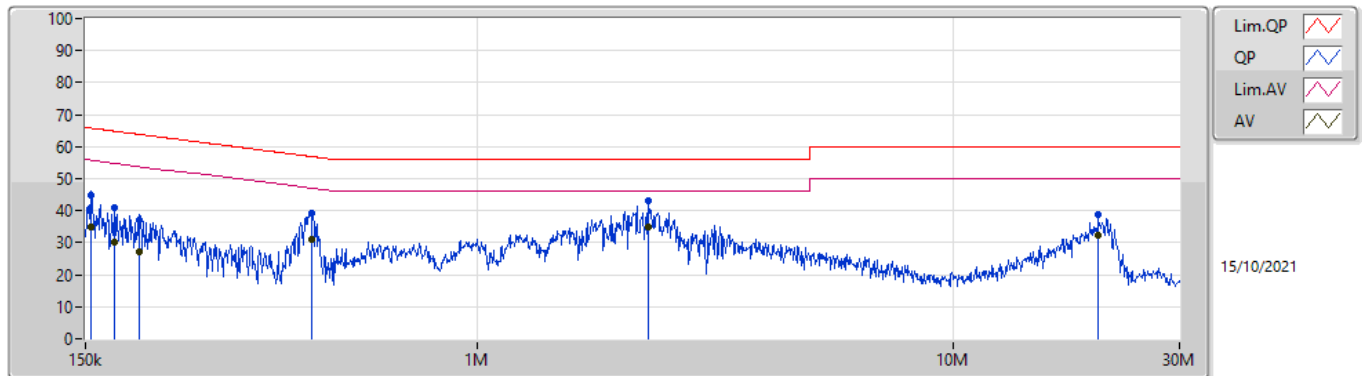
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	152.414k	45.53	65.87	-20.34	19.62	Neutral	-	25.91	9.69	0.04	9.89
AV	152.414k	35.32	55.87	-20.55	19.62	Neutral	-	15.70	9.69	0.04	9.89
QP	246.077k	39.26	61.89	-22.63	19.62	Neutral	-	19.64	9.68	0.05	9.89
AV	246.077k	36.90	51.89	-14.99	19.62	Neutral	-	17.28	9.68	0.05	9.89
QP	435.504k	39.82	57.15	-17.33	19.62	Neutral	-	20.20	9.67	0.06	9.89
AV	435.504k	32.80	47.15	-14.35	19.62	Neutral	-	13.18	9.67	0.06	9.89
QP	2.211M	42.30	56.00	-13.70	19.67	Neutral	-	22.63	9.68	0.11	9.88
AV	2.211M	33.86	46.00	-12.14	19.67	Neutral	-	14.19	9.68	0.11	9.88
QP	20.926M	36.98	60.00	-23.02	19.93	Neutral	-	17.05	9.74	0.30	9.89
AV	20.926M	29.76	50.00	-20.24	19.93	Neutral	-	9.83	9.74	0.30	9.89
QP	28.571M	41.79	60.00	-18.21	19.94	Neutral	-	21.85	9.71	0.33	9.90
AV	28.571M	36.96	50.00	-13.04	19.94	Neutral	-	17.02	9.71	0.33	9.90

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	156.734k	49.30	65.64	-16.34	19.62	Line	-	29.68	9.69	0.04	9.89
AV	156.734k	36.93	55.64	-18.71	19.62	Line	-	17.31	9.69	0.04	9.89
QP	169.084k	46.02	65.01	-18.99	19.62	Line	-	26.40	9.69	0.04	9.89
AV	169.084k	32.26	55.01	-22.75	19.62	Line	-	12.64	9.69	0.04	9.89
QP	186.085k	42.44	64.20	-21.76	19.61	Line	-	22.83	9.68	0.04	9.89
AV	186.085k	28.89	54.20	-25.31	19.61	Line	-	9.28	9.68	0.04	9.89
QP	444.284k	40.60	56.98	-16.38	19.62	Line	-	20.98	9.67	0.06	9.89
AV	444.284k	34.25	46.98	-12.73	19.62	Line	-	14.63	9.67	0.06	9.89
QP	2.376M	43.40	56.00	-12.60	19.67	Line	-	23.73	9.68	0.11	9.88
AV	2.376M	34.86	46.00	-11.14	19.67	Line	-	15.19	9.68	0.11	9.88
QP	20.926M	40.45	60.00	-19.55	19.84	Line	-	20.61	9.65	0.30	9.89
AV	20.926M	33.34	50.00	-16.66	19.84	Line	-	13.50	9.65	0.30	9.89

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.636k	44.98	65.81	-20.83	19.62	Neutral	-	25.36	9.69	0.04	9.89
AV	153.636k	34.72	55.81	-21.09	19.62	Neutral	-	15.10	9.69	0.04	9.89
QP	172.493k	41.11	64.83	-23.72	19.62	Neutral	-	21.49	9.69	0.04	9.89
AV	172.493k	30.15	54.83	-24.68	19.62	Neutral	-	10.53	9.69	0.04	9.89
QP	195.216k	36.88	63.80	-26.92	19.61	Neutral	-	17.27	9.68	0.04	9.89
AV	195.216k	27.04	53.80	-26.76	19.61	Neutral	-	7.43	9.68	0.04	9.89
QP	449.637k	39.18	56.88	-17.70	19.62	Neutral	-	19.56	9.67	0.06	9.89
AV	449.637k	30.87	46.88	-16.01	19.62	Neutral	-	11.25	9.67	0.06	9.89
QP	2.292M	43.26	56.00	-12.74	19.67	Neutral	-	23.59	9.68	0.11	9.88
AV	2.292M	34.73	46.00	-11.27	19.67	Neutral	-	15.06	9.68	0.11	9.88
QP	20.269M	38.76	60.00	-21.24	19.94	Neutral	-	18.82	9.75	0.30	9.89
AV	20.269M	32.40	50.00	-17.60	19.94	Neutral	-	12.46	9.75	0.30	9.89



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	57.08	66.00	-8.92	Line
Mode 2	Pass	AV	2.256M	34.91	46.00	-11.09	Neutral
Mode 3	Pass	AV	2.283M	34.08	46.00	-11.92	Line



Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150k	57.08	66.00	-8.92	Line	-
Mode 1	Pass	AV	150k	38.36	56.00	-17.64	Line	-
Mode 1	Pass	QP	165.743k	54.96	65.18	-10.22	Line	-
Mode 1	Pass	AV	165.743k	35.92	55.18	-19.26	Line	-
Mode 1	Pass	QP	204.796k	48.95	63.42	-14.47	Line	-
Mode 1	Pass	AV	204.796k	32.44	53.42	-20.98	Line	-
Mode 1	Pass	QP	494.848k	35.18	56.10	-20.92	Line	-
Mode 1	Pass	AV	494.848k	25.96	46.10	-20.14	Line	-
Mode 1	Pass	QP	926.114k	27.34	56.00	-28.66	Line	-
Mode 1	Pass	AV	926.114k	21.33	46.00	-24.67	Line	-
Mode 1	Pass	QP	26.273M	22.52	60.00	-37.48	Line	-
Mode 1	Pass	AV	26.273M	18.94	50.00	-31.06	Line	-
Mode 1	Pass	QP	152.414k	56.60	65.87	-9.27	Neutral	-
Mode 1	Pass	AV	152.414k	38.31	55.87	-17.56	Neutral	-
Mode 1	Pass	QP	161.175k	55.98	65.41	-9.43	Neutral	-
Mode 1	Pass	AV	161.175k	39.02	55.41	-16.39	Neutral	-
Mode 1	Pass	QP	185.344k	50.92	64.24	-13.32	Neutral	-
Mode 1	Pass	AV	185.344k	31.61	54.24	-22.63	Neutral	-
Mode 1	Pass	QP	456.875k	32.61	56.75	-24.14	Neutral	-
Mode 1	Pass	AV	456.875k	22.88	46.75	-23.87	Neutral	-
Mode 1	Pass	QP	1.483M	29.41	56.00	-26.59	Neutral	-
Mode 1	Pass	AV	1.483M	24.68	46.00	-21.32	Neutral	-
Mode 1	Pass	QP	12.208M	23.84	60.00	-36.16	Neutral	-
Mode 1	Pass	AV	12.208M	19.96	50.00	-30.04	Neutral	-
Mode 2	Pass	QP	159.256k	48.89	65.50	-16.61	Line	-
Mode 2	Pass	AV	159.256k	35.40	55.50	-20.10	Line	-
Mode 2	Pass	QP	444.284k	40.36	56.98	-16.62	Line	-
Mode 2	Pass	AV	444.284k	34.12	46.98	-12.86	Line	-
Mode 2	Pass	QP	918.749k	29.14	56.00	-26.86	Line	-
Mode 2	Pass	AV	918.749k	24.08	46.00	-21.92	Line	-
Mode 2	Pass	QP	2.301M	43.29	56.00	-12.71	Line	-
Mode 2	Pass	AV	2.301M	34.76	46.00	-11.24	Line	-
Mode 2	Pass	QP	21.094M	38.19	60.00	-21.81	Line	-
Mode 2	Pass	AV	21.094M	30.99	50.00	-19.01	Line	-
Mode 2	Pass	QP	28.571M	42.68	60.00	-17.32	Line	-
Mode 2	Pass	AV	28.571M	38.87	50.00	-11.13	Line	-
Mode 2	Pass	QP	161.82k	43.77	65.37	-21.60	Neutral	-
Mode 2	Pass	AV	161.82k	31.93	55.37	-23.44	Neutral	-
Mode 2	Pass	QP	248.05k	38.67	61.81	-23.14	Neutral	-
Mode 2	Pass	AV	248.05k	36.17	51.81	-15.64	Neutral	-
Mode 2	Pass	QP	435.504k	39.92	57.15	-17.23	Neutral	-
Mode 2	Pass	AV	435.504k	32.88	47.15	-14.27	Neutral	-
Mode 2	Pass	QP	2.256M	43.08	56.00	-12.92	Neutral	-
Mode 2	Pass	AV	2.256M	34.91	46.00	-11.09	Neutral	-
Mode 2	Pass	QP	21.263M	36.89	60.00	-23.11	Neutral	-
Mode 2	Pass	AV	21.263M	29.32	50.00	-20.68	Neutral	-
Mode 2	Pass	QP	28.571M	40.93	60.00	-19.07	Neutral	-
Mode 2	Pass	AV	28.571M	35.63	50.00	-14.37	Neutral	-
Mode 3	Pass	QP	159.256k	48.93	65.50	-16.57	Line	-
Mode 3	Pass	AV	159.256k	35.49	55.50	-20.01	Line	-

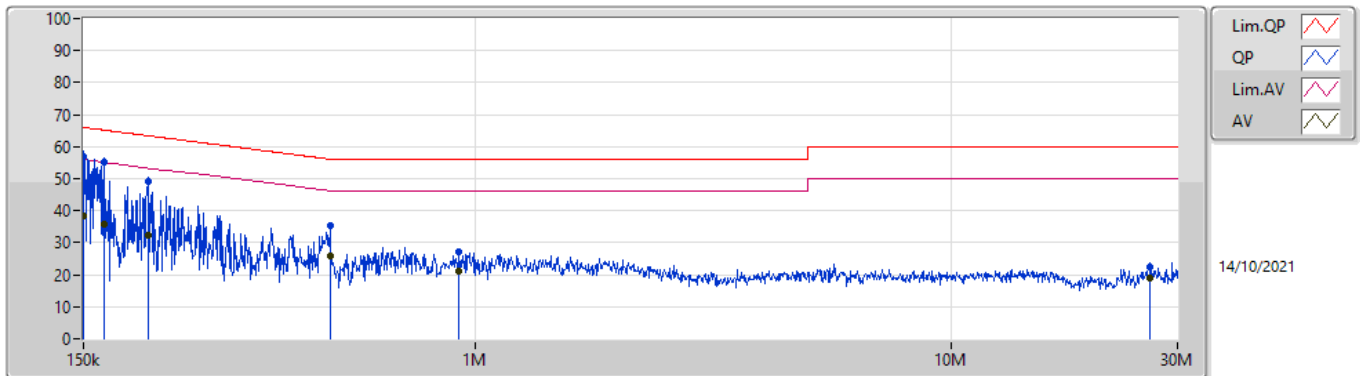


Conducted Emissions at Powerline_Radio4

Appendix A.2

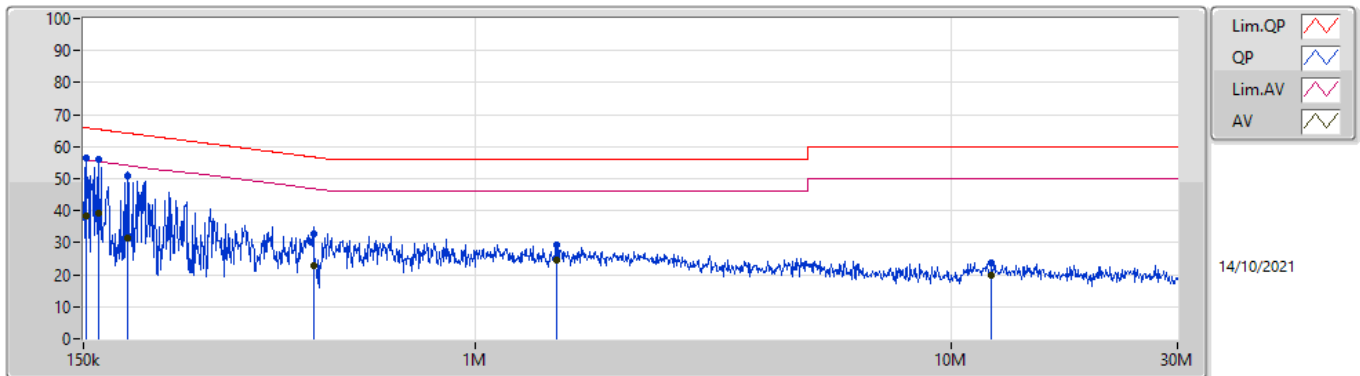
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	171.806k	45.01	64.87	-19.86	Line	-
Mode 3	Pass	AV	171.806k	31.72	54.87	-23.15	Line	-
Mode 3	Pass	QP	186.085k	42.45	64.20	-21.75	Line	-
Mode 3	Pass	AV	186.085k	28.54	54.20	-25.66	Line	-
Mode 3	Pass	QP	437.246k	40.13	57.11	-16.98	Line	-
Mode 3	Pass	AV	437.246k	34.07	47.11	-13.04	Line	-
Mode 3	Pass	QP	2.283M	43.00	56.00	-13.00	Line	-
Mode 3	Pass	AV	2.283M	34.08	46.00	-11.92	Line	-
Mode 3	Pass	QP	20.926M	40.75	60.00	-19.25	Line	-
Mode 3	Pass	AV	20.926M	33.71	50.00	-16.29	Line	-
Mode 3	Pass	QP	153.024k	44.92	65.83	-20.91	Neutral	-
Mode 3	Pass	AV	153.024k	34.86	55.83	-20.97	Neutral	-
Mode 3	Pass	QP	165.082k	41.07	65.20	-24.13	Neutral	-
Mode 3	Pass	AV	165.082k	29.97	55.20	-25.23	Neutral	-
Mode 3	Pass	QP	180.957k	39.14	64.43	-25.29	Neutral	-
Mode 3	Pass	AV	180.957k	28.41	54.43	-26.02	Neutral	-
Mode 3	Pass	QP	442.514k	39.92	57.01	-17.09	Neutral	-
Mode 3	Pass	AV	442.514k	33.07	47.01	-13.94	Neutral	-
Mode 3	Pass	QP	2.404M	42.15	56.00	-13.85	Neutral	-
Mode 3	Pass	AV	2.404M	33.18	46.00	-12.82	Neutral	-
Mode 3	Pass	QP	20.107M	38.27	60.00	-21.73	Neutral	-
Mode 3	Pass	AV	20.107M	32.06	50.00	-17.94	Neutral	-

Conducted Emissions at Powerline_Mode 1



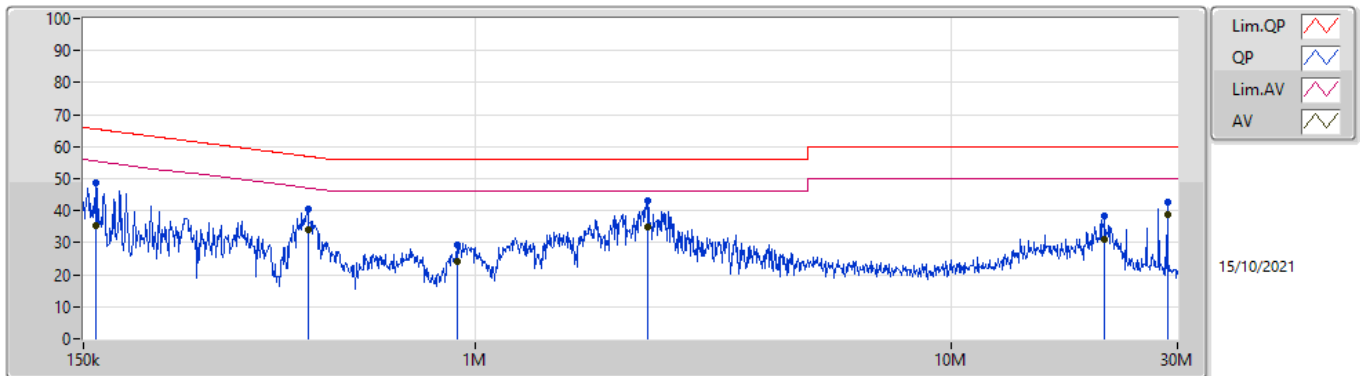
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	150k	57.08	66.00	-8.92	19.62	Line	-	37.46	9.69	0.04	9.89
AV	150k	38.36	56.00	-17.64	19.62	Line	-	18.74	9.69	0.04	9.89
QP	165.743k	54.96	65.18	-10.22	19.62	Line	-	35.34	9.69	0.04	9.89
AV	165.743k	35.92	55.18	-19.26	19.62	Line	-	16.30	9.69	0.04	9.89
QP	204.796k	48.95	63.42	-14.47	19.61	Line	-	29.34	9.68	0.04	9.89
AV	204.796k	32.44	53.42	-20.98	19.61	Line	-	12.83	9.68	0.04	9.89
QP	494.848k	35.18	56.10	-20.92	19.62	Line	-	15.56	9.67	0.06	9.89
AV	494.848k	25.96	46.10	-20.14	19.62	Line	-	6.34	9.67	0.06	9.89
QP	926.114k	27.34	56.00	-28.66	19.64	Line	-	7.70	9.67	0.08	9.89
AV	926.114k	21.33	46.00	-24.67	19.64	Line	-	1.69	9.67	0.08	9.89
QP	26.273M	22.52	60.00	-37.48	19.80	Line	-	2.72	9.58	0.33	9.89
AV	26.273M	18.94	50.00	-31.06	19.80	Line	-	-0.86	9.58	0.33	9.89

Conducted Emissions at Powerline_Mode 1



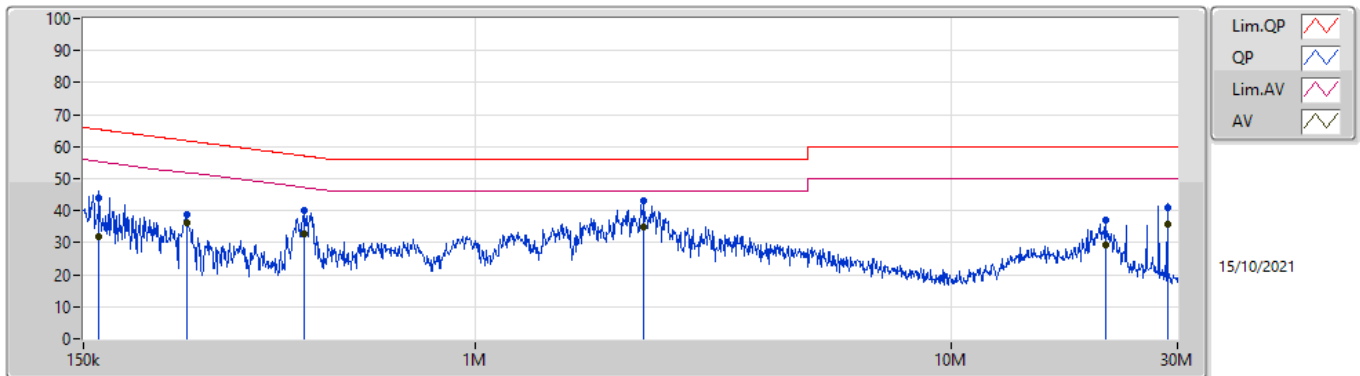
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	152.414k	56.60	65.87	-9.27	19.62	Neutral	-	36.98	9.69	0.04	9.89
AV	152.414k	38.31	55.87	-17.56	19.62	Neutral	-	18.69	9.69	0.04	9.89
QP	161.175k	55.98	65.41	-9.43	19.62	Neutral	-	36.36	9.69	0.04	9.89
AV	161.175k	39.02	55.41	-16.39	19.62	Neutral	-	19.40	9.69	0.04	9.89
QP	185.344k	50.92	64.24	-13.32	19.61	Neutral	-	31.31	9.68	0.04	9.89
AV	185.344k	31.61	54.24	-22.63	19.61	Neutral	-	12.00	9.68	0.04	9.89
QP	456.875k	32.61	56.75	-24.14	19.62	Neutral	-	12.99	9.67	0.06	9.89
AV	456.875k	22.88	46.75	-23.87	19.62	Neutral	-	3.26	9.67	0.06	9.89
QP	1.483M	29.41	56.00	-26.59	19.65	Neutral	-	9.76	9.68	0.09	9.88
AV	1.483M	24.68	46.00	-21.32	19.65	Neutral	-	5.03	9.68	0.09	9.88
QP	12.208M	23.84	60.00	-36.16	19.85	Neutral	-	3.99	9.74	0.22	9.89
AV	12.208M	19.96	50.00	-30.04	19.85	Neutral	-	0.11	9.74	0.22	9.89

Conducted Emissions at Powerline_Mode 2



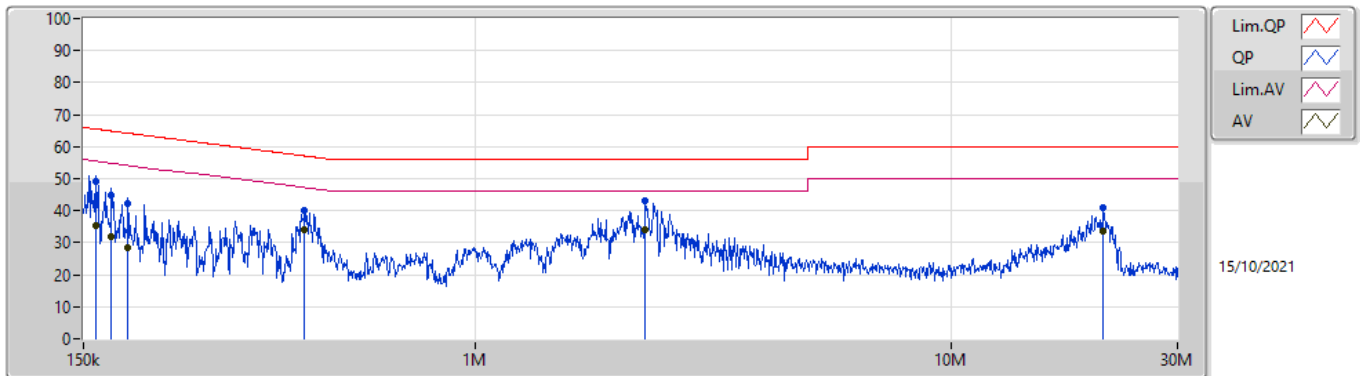
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	159.256k	48.89	65.50	-16.61	19.62	Line	-	29.27	9.69	0.04	9.89
AV	159.256k	35.40	55.50	-20.10	19.62	Line	-	15.78	9.69	0.04	9.89
QP	444.284k	40.36	56.98	-16.62	19.62	Line	-	20.74	9.67	0.06	9.89
AV	444.284k	34.12	46.98	-12.86	19.62	Line	-	14.50	9.67	0.06	9.89
QP	918.749k	29.14	56.00	-26.86	19.64	Line	-	9.50	9.67	0.08	9.89
AV	918.749k	24.08	46.00	-21.92	19.64	Line	-	4.44	9.67	0.08	9.89
QP	2.301M	43.29	56.00	-12.71	19.67	Line	-	23.62	9.68	0.11	9.88
AV	2.301M	34.76	46.00	-11.24	19.67	Line	-	15.09	9.68	0.11	9.88
QP	21.094M	38.19	60.00	-21.81	19.84	Line	-	18.35	9.65	0.30	9.89
AV	21.094M	30.99	50.00	-19.01	19.84	Line	-	11.15	9.65	0.30	9.89
QP	28.571M	42.68	60.00	-17.32	19.78	Line	-	22.90	9.55	0.33	9.90
AV	28.571M	38.87	50.00	-11.13	19.78	Line	-	19.09	9.55	0.33	9.90

Conducted Emissions at Powerline_Mode 2



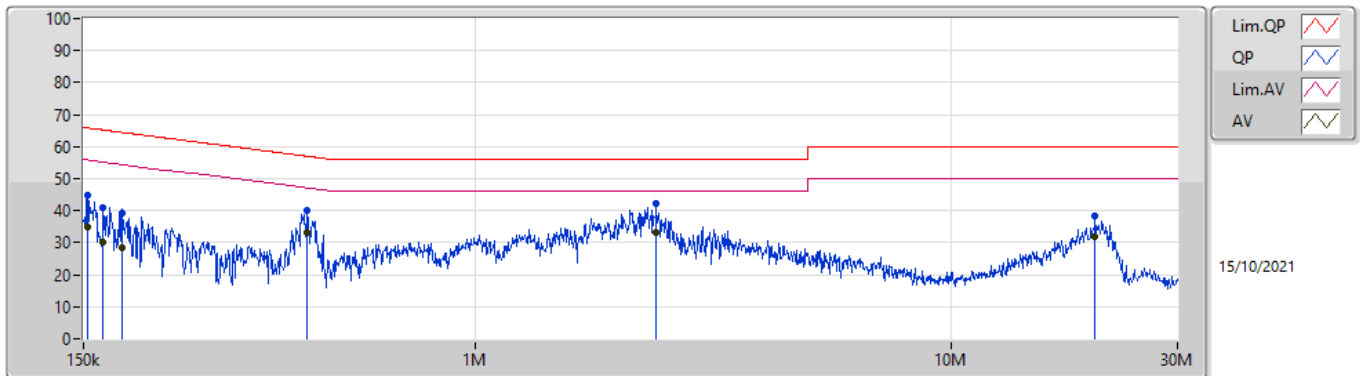
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	161.82k	43.77	65.37	-21.60	19.62	Neutral	-	24.15	9.69	0.04	9.89			
AV	161.82k	31.93	55.37	-23.44	19.62	Neutral	-	12.31	9.69	0.04	9.89			
QP	248.05k	38.67	61.81	-23.14	19.62	Neutral	-	19.05	9.68	0.05	9.89			
AV	248.05k	36.17	51.81	-15.64	19.62	Neutral	-	16.55	9.68	0.05	9.89			
QP	435.504k	39.92	57.15	-17.23	19.62	Neutral	-	20.30	9.67	0.06	9.89			
AV	435.504k	32.88	47.15	-14.27	19.62	Neutral	-	13.26	9.67	0.06	9.89			
QP	2.256M	43.08	56.00	-12.92	19.67	Neutral	-	23.41	9.68	0.11	9.88			
AV	2.256M	34.91	46.00	-11.09	19.67	Neutral	-	15.24	9.68	0.11	9.88			
QP	21.263M	36.89	60.00	-23.11	19.94	Neutral	-	16.95	9.74	0.31	9.89			
AV	21.263M	29.32	50.00	-20.68	19.94	Neutral	-	9.38	9.74	0.31	9.89			
QP	28.571M	40.93	60.00	-19.07	19.94	Neutral	-	20.99	9.71	0.33	9.90			
AV	28.571M	35.63	50.00	-14.37	19.94	Neutral	-	15.69	9.71	0.33	9.90			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	159.256k	48.93	65.50	-16.57	19.62	Line	-	29.31	9.69	0.04	9.89
AV	159.256k	35.49	55.50	-20.01	19.62	Line	-	15.87	9.69	0.04	9.89
QP	171.806k	45.01	64.87	-19.86	19.62	Line	-	25.39	9.69	0.04	9.89
AV	171.806k	31.72	54.87	-23.15	19.62	Line	-	12.10	9.69	0.04	9.89
QP	186.085k	42.45	64.20	-21.75	19.61	Line	-	22.84	9.68	0.04	9.89
AV	186.085k	28.54	54.20	-25.66	19.61	Line	-	8.93	9.68	0.04	9.89
QP	437.246k	40.13	57.11	-16.98	19.62	Line	-	20.51	9.67	0.06	9.89
AV	437.246k	34.07	47.11	-13.04	19.62	Line	-	14.45	9.67	0.06	9.89
QP	2.283M	43.00	56.00	-13.00	19.67	Line	-	23.33	9.68	0.11	9.88
AV	2.283M	34.08	46.00	-11.92	19.67	Line	-	14.41	9.68	0.11	9.88
QP	20.926M	40.75	60.00	-19.25	19.84	Line	-	20.91	9.65	0.30	9.89
AV	20.926M	33.71	50.00	-16.29	19.84	Line	-	13.87	9.65	0.30	9.89

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.024k	44.92	65.83	-20.91	19.62	Neutral	-	25.30	9.69	0.04	9.89
AV	153.024k	34.86	55.83	-20.97	19.62	Neutral	-	15.24	9.69	0.04	9.89
QP	165.082k	41.07	65.20	-24.13	19.62	Neutral	-	21.45	9.69	0.04	9.89
AV	165.082k	29.97	55.20	-25.23	19.62	Neutral	-	10.35	9.69	0.04	9.89
QP	180.957k	39.14	64.43	-25.29	19.61	Neutral	-	19.53	9.68	0.04	9.89
AV	180.957k	28.41	54.43	-26.02	19.61	Neutral	-	8.80	9.68	0.04	9.89
QP	442.514k	39.92	57.01	-17.09	19.62	Neutral	-	20.30	9.67	0.06	9.89
AV	442.514k	33.07	47.01	-13.94	19.62	Neutral	-	13.45	9.67	0.06	9.89
QP	2.404M	42.15	56.00	-13.85	19.67	Neutral	-	22.48	9.68	0.11	9.88
AV	2.404M	33.18	46.00	-12.82	19.67	Neutral	-	13.51	9.68	0.11	9.88
QP	20.107M	38.27	60.00	-21.73	19.94	Neutral	-	18.33	9.75	0.30	9.89
AV	20.107M	32.06	50.00	-17.94	19.94	Neutral	-	12.12	9.75	0.30	9.89

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.09M	16.702M	16M7D1D	20.46M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.5M	19.13M	19M1D1D	21.72M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.68M	37.841M	37M8D1D	40.2M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.481M	77M5D1D	82.08M	77.241M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.12M	155.442M	155MD1D	163.68M	154.723M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.76M	16.702M	16M7D1D	20.49M	16.612M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.5M	19.13M	19M1D1D	21.66M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.56M	37.901M	37M9D1D	40.2M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.8M	77.481M	77M5D1D	81.96M	77.241M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.88M	155.202M	155MD1D	164.16M	154.483M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.85M	16.702M	16M7D1D	20.4M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.47M	19.16M	19M2D1D	21.63M	19.07M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.68M	37.901M	37M9D1D	40.2M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.92M	77.721M	77M7D1D	81.72M	77.121M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.88M	155.202M	155MD1D	163.92M	154.723M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.82M	16.732M	16M7D1D	20.58M	16.672M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.23M	19.13M	19M1D1D	21.75M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.68M	37.901M	37M9D1D	40.2M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.481M	77M5D1D	81.6M	77.241M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.12M	154.963M	155MD1D	163.92M	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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	20.49M	16.702M	20.58M	16.672M	20.55M	16.672M	20.58M	16.672M
6175MHz	Pass	Inf	20.73M	16.702M	20.67M	16.702M	20.52M	16.672M	20.64M	16.642M
6415MHz	Pass	Inf	20.55M	16.702M	21.09M	16.672M	20.46M	16.672M	20.64M	16.672M
6435MHz	Pass	Inf	20.73M	16.702M	20.7M	16.672M	20.64M	16.672M	20.49M	16.612M
6475MHz	Pass	Inf	20.76M	16.702M	20.64M	16.672M	20.49M	16.672M	20.49M	16.642M
6515MHz	Pass	Inf	20.61M	16.702M	20.67M	16.672M	20.55M	16.672M	20.55M	16.672M
6535MHz	Pass	Inf	20.7M	16.702M	20.64M	16.672M	20.55M	16.672M	20.52M	16.642M
6695MHz	Pass	Inf	20.4M	16.672M	20.58M	16.642M	20.79M	16.702M	20.73M	16.642M
6855MHz	Pass	Inf	20.64M	16.672M	20.82M	16.702M	20.85M	16.702M	20.67M	16.642M
6875MHz	Pass	Inf	20.61M	16.672M	20.67M	16.672M	20.67M	16.702M	20.43M	16.672M
6895MHz	Pass	Inf	20.67M	16.732M	20.67M	16.732M	20.64M	16.702M	20.67M	16.672M
6995MHz	Pass	Inf	20.82M	16.732M	20.67M	16.702M	20.58M	16.672M	20.67M	16.672M
7095MHz	Pass	Inf	20.73M	16.702M	20.67M	16.672M	20.67M	16.672M	20.76M	16.672M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	22.41M	19.07M	22.5M	19.13M	21.81M	19.07M	21.72M	19.13M
6175MHz	Pass	Inf	22.29M	19.1M	22.29M	19.13M	22.29M	19.1M	22.29M	19.1M
6415MHz	Pass	Inf	22.17M	19.13M	22.17M	19.13M	22.32M	19.07M	22.11M	19.1M
6435MHz	Pass	Inf	21.99M	19.1M	22.23M	19.13M	21.93M	19.07M	21.93M	19.13M
6475MHz	Pass	Inf	22.08M	19.13M	22.02M	19.07M	21.66M	19.1M	22.14M	19.07M
6515MHz	Pass	Inf	22.23M	19.1M	21.93M	19.13M	22.5M	19.07M	22.17M	19.13M
6535MHz	Pass	Inf	22.02M	19.07M	22.2M	19.13M	21.72M	19.1M	22.08M	19.13M
6695MHz	Pass	Inf	22.11M	19.13M	22.47M	19.13M	22.29M	19.13M	21.72M	19.07M
6855MHz	Pass	Inf	22.02M	19.1M	22.41M	19.13M	21.78M	19.13M	21.63M	19.1M
6875MHz	Pass	Inf	22.41M	19.1M	21.99M	19.16M	22.35M	19.13M	21.75M	19.1M
6895MHz	Pass	Inf	22.23M	19.1M	22.11M	19.13M	21.93M	19.13M	22.05M	19.13M
6995MHz	Pass	Inf	21.78M	19.1M	22.11M	19.1M	21.81M	19.1M	21.93M	19.13M
7095MHz	Pass	Inf	21.87M	19.1M	21.75M	19.1M	21.87M	19.1M	22.14M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	40.44M	37.781M	40.26M	37.841M	40.44M	37.841M	40.2M	37.841M
6165MHz	Pass	Inf	40.68M	37.841M	40.2M	37.721M	40.56M	37.841M	40.32M	37.721M
6405MHz	Pass	Inf	40.56M	37.841M	40.26M	37.841M	40.5M	37.841M	40.44M	37.781M
6445MHz	Pass	Inf	40.26M	37.781M	40.32M	37.781M	40.5M	37.781M	40.5M	37.781M
6485MHz	Pass	Inf	40.56M	37.781M	40.2M	37.841M	40.5M	37.841M	40.26M	37.781M
6525MHz	Pass	Inf	40.32M	37.721M	40.32M	37.781M	40.5M	37.841M	40.2M	37.901M
6565MHz	Pass	Inf	40.44M	37.841M	40.2M	37.901M	40.5M	37.781M	40.68M	37.781M
6685MHz	Pass	Inf	40.5M	37.781M	40.44M	37.901M	40.38M	37.841M	40.32M	37.841M
6845MHz	Pass	Inf	40.56M	37.781M	40.26M	37.841M	40.5M	37.841M	40.26M	37.781M
6885MHz	Pass	Inf	40.44M	37.841M	40.56M	37.781M	40.32M	37.841M	40.32M	37.841M
6925MHz	Pass	Inf	40.5M	37.841M	40.68M	37.781M	40.5M	37.901M	40.32M	37.781M
7005MHz	Pass	Inf	40.68M	37.841M	40.2M	37.841M	40.68M	37.781M	40.5M	37.901M
7085MHz	Pass	Inf	40.56M	37.841M	40.32M	37.841M	40.44M	37.841M	40.32M	37.781M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.68M	77.361M	82.68M	77.241M	82.44M	77.481M	82.2M	77.361M
6145MHz	Pass	Inf	82.08M	77.361M	82.68M	77.241M	82.32M	77.241M	82.08M	77.241M
6385MHz	Pass	Inf	82.32M	77.241M	82.08M	77.241M	82.32M	77.361M	82.08M	77.361M
6465MHz	Pass	Inf	82.08M	77.361M	82.32M	77.481M	81.96M	77.361M	81.96M	77.361M
6545MHz	Pass	Inf	82.44M	77.361M	82.56M	77.241M	82.8M	77.481M	82.08M	77.361M
6625MHz	Pass	Inf	82.08M	77.121M	82.32M	77.241M	81.72M	77.481M	82.8M	77.241M
6705MHz	Pass	Inf	82.08M	77.361M	82.2M	77.361M	82.68M	77.241M	82.08M	77.241M
6785MHz	Pass	Inf	82.92M	77.721M	82.68M	77.481M	82.56M	77.601M	82.56M	77.601M
6865MHz	Pass	Inf	82.44M	77.241M	81.96M	77.361M	82.32M	77.361M	81.96M	77.361M
6945MHz	Pass	Inf	82.32M	77.241M	82.08M	77.361M	82.32M	77.241M	81.72M	77.361M
7025MHz	Pass	Inf	82.44M	77.361M	81.6M	77.241M	82.56M	77.481M	82.2M	77.361M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
6025MHz	Pass	Inf	164.4M	154.723M	164.4M	154.723M	163.92M	154.963M	163.68M	154.963M
6185MHz	Pass	Inf	164.64M	155.202M	164.16M	154.723M	164.16M	155.202M	164.4M	155.202M
6345MHz	Pass	Inf	164.64M	154.963M	163.92M	155.202M	164.88M	155.442M	165.12M	154.963M
6505MHz	Pass	Inf	164.88M	154.963M	164.16M	154.963M	164.4M	155.202M	164.16M	154.483M
6665MHz	Pass	Inf	164.4M	154.963M	164.4M	154.963M	164.88M	154.963M	163.92M	154.723M
6825MHz	Pass	Inf	164.4M	154.723M	164.16M	155.202M	164.4M	154.723M	163.92M	154.723M
6985MHz	Pass	Inf	164.64M	154.483M	163.92M	154.723M	165.12M	154.963M	164.64M	154.723M

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

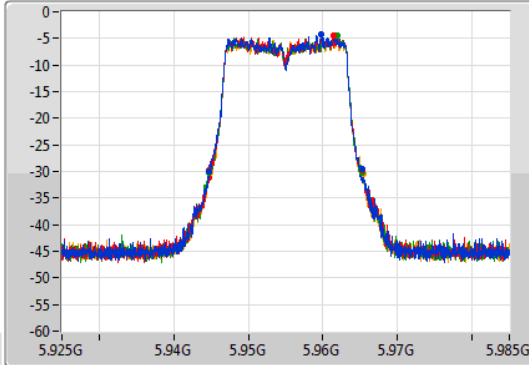
802.11a_Nss1,(6Mbps)_4TX

EBW

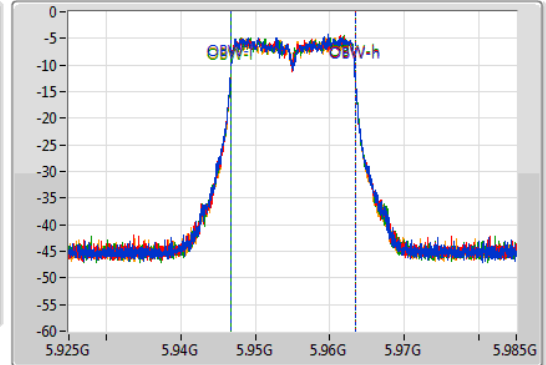
5955MHz

30/09/2021

CF
5.955GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.955GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.94471G	5.9652G	16.702M	5.946664G	5.963366G	Inf	1
20.58M	5.94477G	5.96535G	16.672M	5.946694G	5.963366G	Inf	2
20.55M	5.9448G	5.96535G	16.672M	5.946694G	5.963366G	Inf	3
20.58M	5.94483G	5.96541G	16.672M	5.946694G	5.963366G	Inf	4

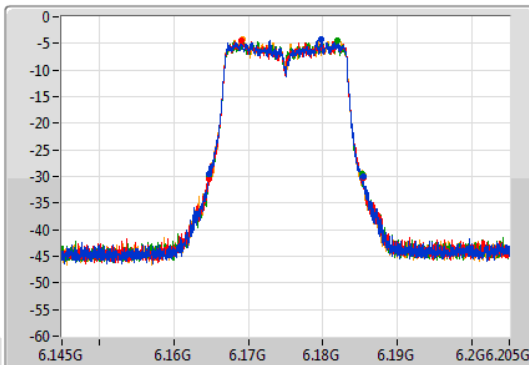
802.11a_Nss1,(6Mbps)_4TX

EBW

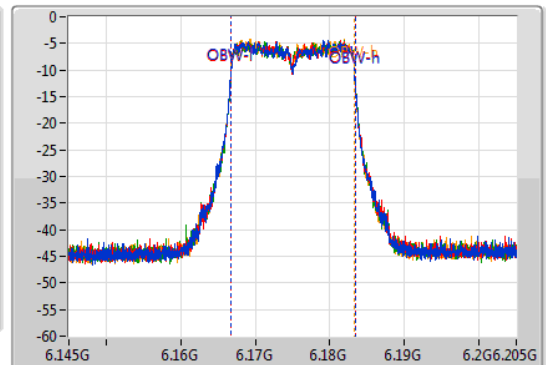
6175MHz

30/09/2021

CF
6.175GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.175GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

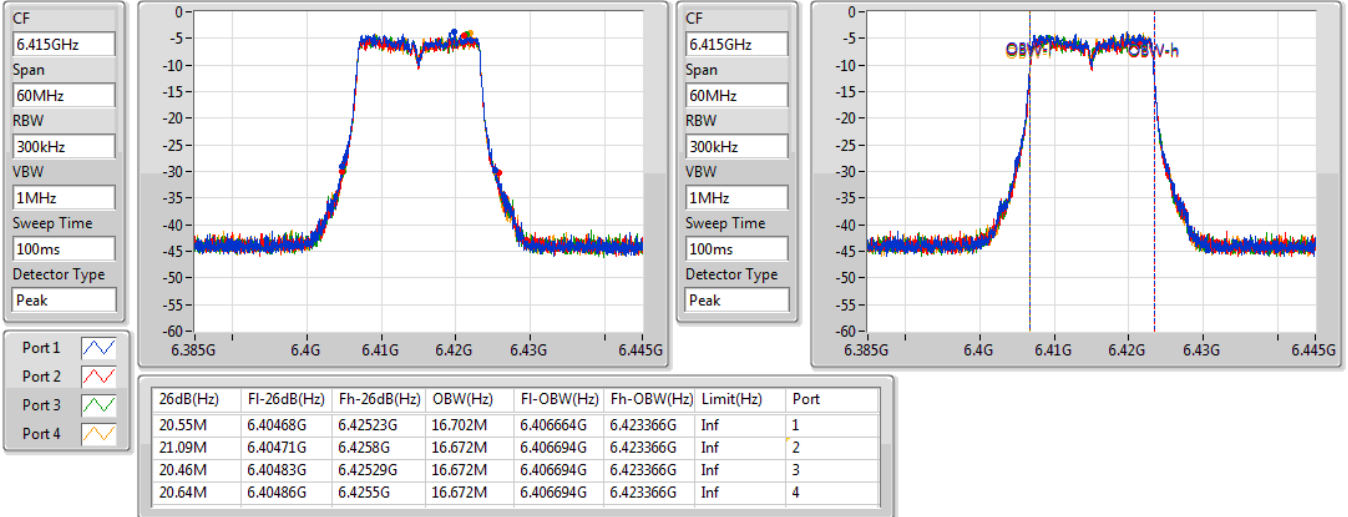
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	6.16471G	6.18544G	16.702M	6.166664G	6.183366G	Inf	1
20.67M	6.16471G	6.18538G	16.702M	6.166664G	6.183366G	Inf	2
20.52M	6.1648G	6.18532G	16.672M	6.166694G	6.183366G	Inf	3
20.64M	6.16483G	6.18547G	16.642M	6.166694G	6.183336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

6415MHz

30/09/2021

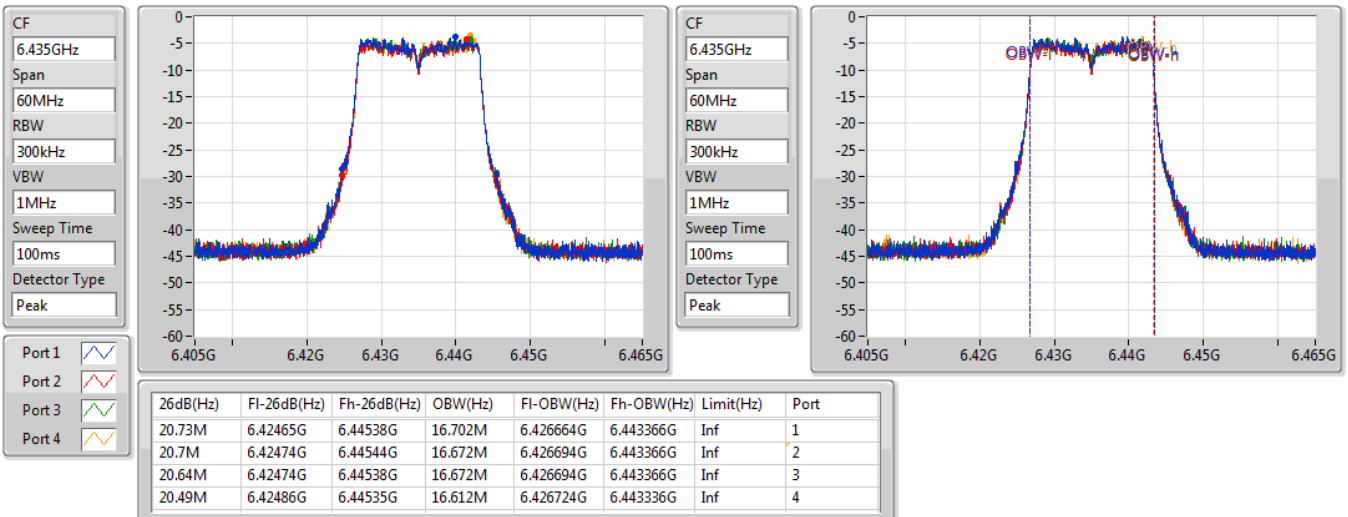


802.11a_Nss1,(6Mbps)_4TX

EBW

6435MHz

30/09/2021



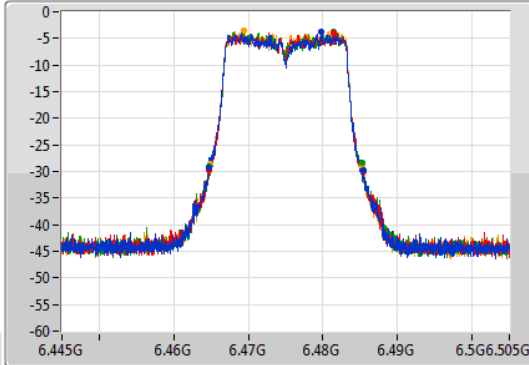
802.11a_Nss1,(6Mbps)_4TX

EBW

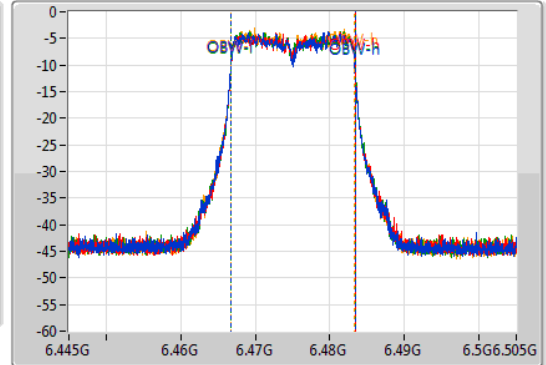
6475MHz

30/09/2021

CF
6.475GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.475GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.76M	6.46465G	6.48541G	16.702M	6.466664G	6.483366G	Inf	1
20.64M	6.46474G	6.48538G	16.672M	6.466694G	6.483366G	Inf	2
20.49M	6.4648G	6.48529G	16.672M	6.466694G	6.483366G	Inf	3
20.49M	6.46483G	6.48532G	16.642M	6.466694G	6.483336G	Inf	4

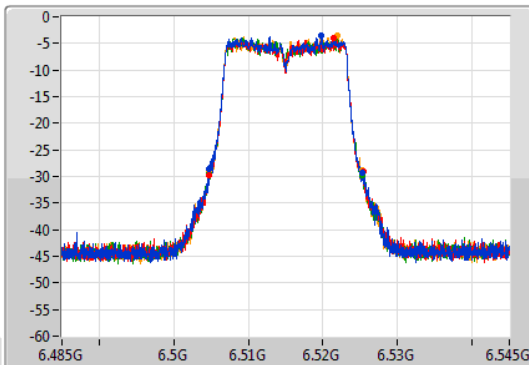
802.11a_Nss1,(6Mbps)_4TX

EBW

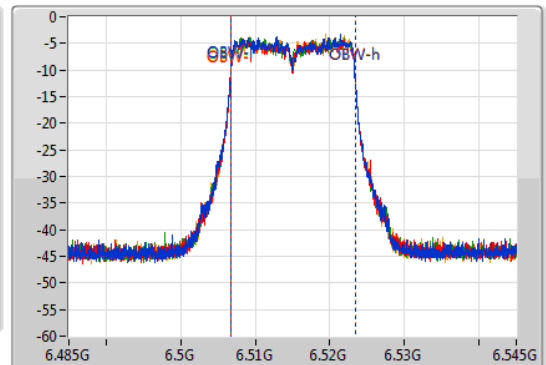
6515MHz

30/09/2021

CF
6.515GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.515GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	6.50471G	6.52532G	16.702M	6.506664G	6.523366G	Inf	1
20.67M	6.50471G	6.52538G	16.672M	6.506694G	6.523366G	Inf	2
20.55M	6.50477G	6.52532G	16.672M	6.506694G	6.523366G	Inf	3
20.55M	6.5048G	6.52535G	16.672M	6.506694G	6.523366G	Inf	4

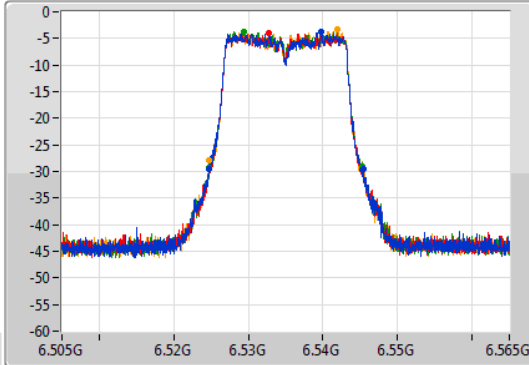
802.11a_Nss1,(6Mbps)_4TX

EBW

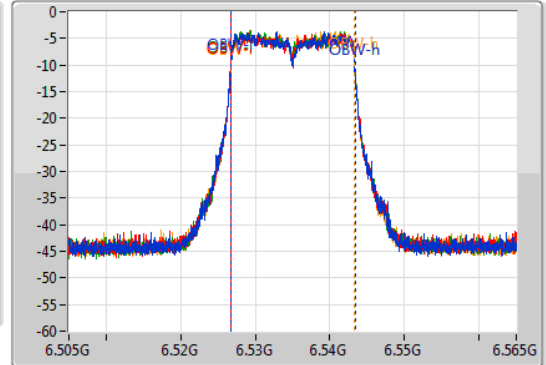
6535MHz

30/09/2021

CF
6.535GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.535GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	6.52468G	6.54538G	16.702M	6.526664G	6.543366G	Inf	1
20.64M	6.52474G	6.54538G	16.672M	6.526694G	6.543366G	Inf	2
20.55M	6.5248G	6.54535G	16.672M	6.526694G	6.543366G	Inf	3
20.52M	6.52477G	6.54529G	16.642M	6.526694G	6.543366G	Inf	4

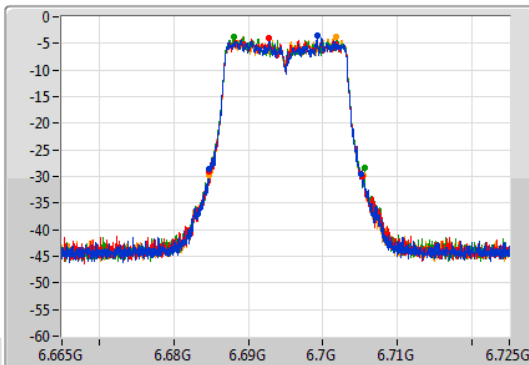
802.11a_Nss1,(6Mbps)_4TX

EBW

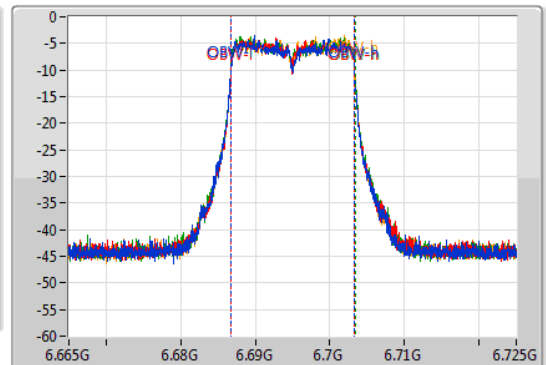
6695MHz

30/09/2021

CF
6.695GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.695GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	6.68477G	6.70517G	16.672M	6.686664G	6.703366G	Inf	1
20.58M	6.68477G	6.70535G	16.642M	6.686694G	6.703366G	Inf	2
20.79M	6.68474G	6.70553G	16.702M	6.686664G	6.703366G	Inf	3
20.73M	6.68477G	6.7055G	16.642M	6.686694G	6.703366G	Inf	4

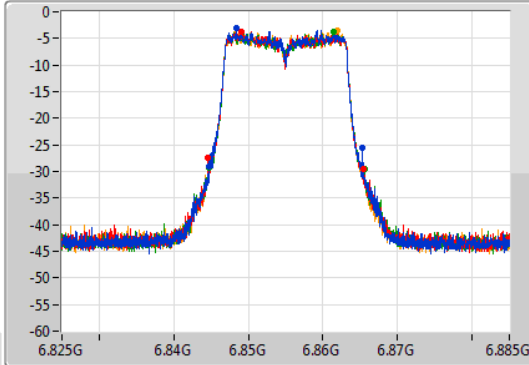
802.11a_Nss1,(6Mbps)_4TX

EBW

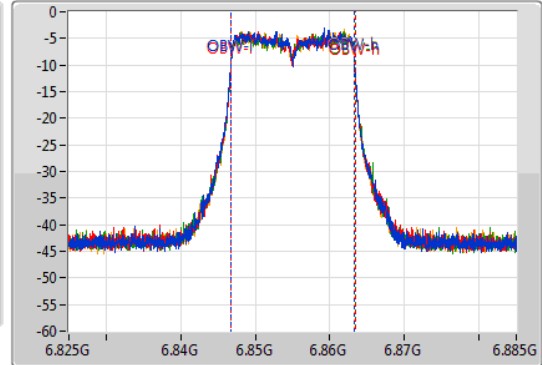
6855MHz

30/09/2021

CF
6.855GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.855GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	6.84471G	6.86535G	16.672M	6.846664G	6.863336G	Inf	1
20.82M	6.84459G	6.86541G	16.702M	6.846664G	6.863366G	Inf	2
20.85M	6.84477G	6.86562G	16.702M	6.846664G	6.863366G	Inf	3
20.67M	6.84471G	6.86538G	16.642M	6.846694G	6.863336G	Inf	4

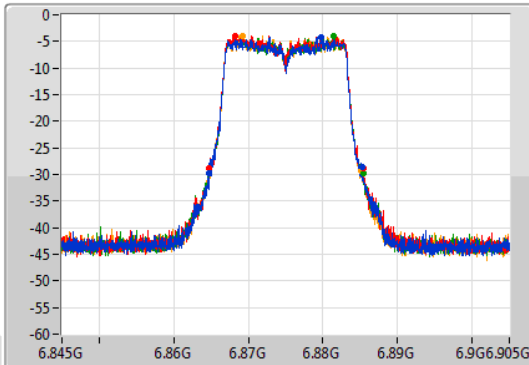
802.11a_Nss1,(6Mbps)_4TX

EBW

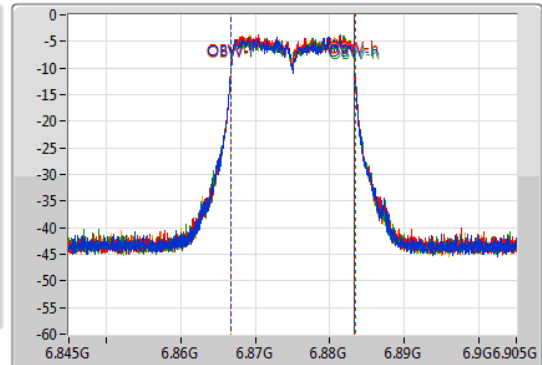
6875MHz

01/10/2021

CF
6.875GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.875GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

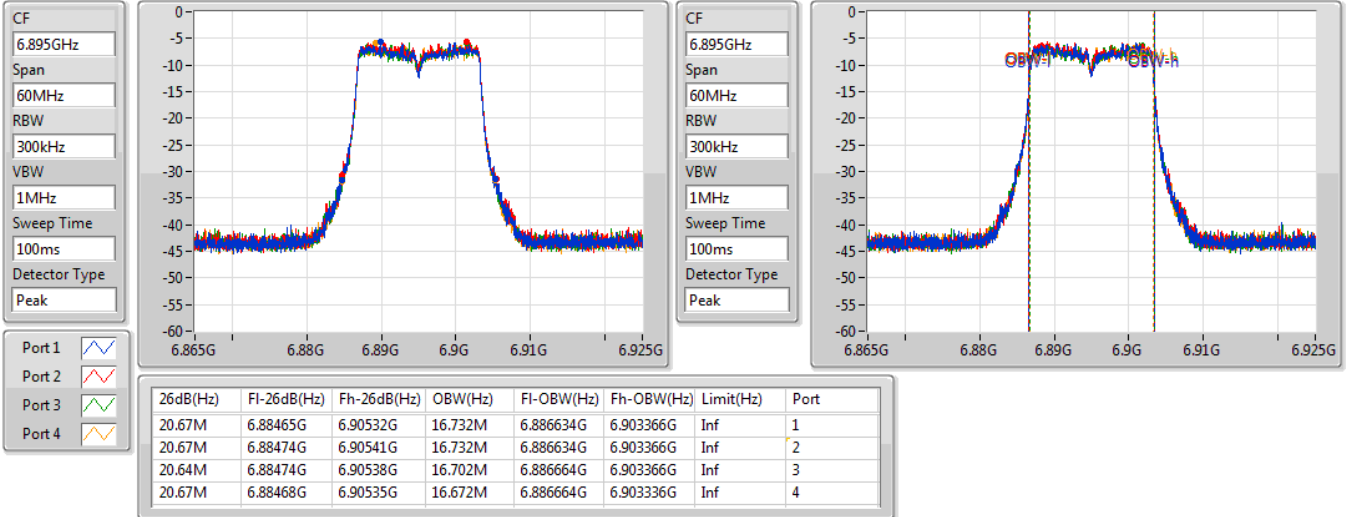
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	6.86468G	6.88529G	16.672M	6.866664G	6.883336G	Inf	1
20.67M	6.86474G	6.88541G	16.672M	6.866664G	6.883336G	Inf	2
20.67M	6.86474G	6.88541G	16.702M	6.866664G	6.883366G	Inf	3
20.43M	6.86474G	6.88517G	16.672M	6.866664G	6.883336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

6895MHz

01/10/2021

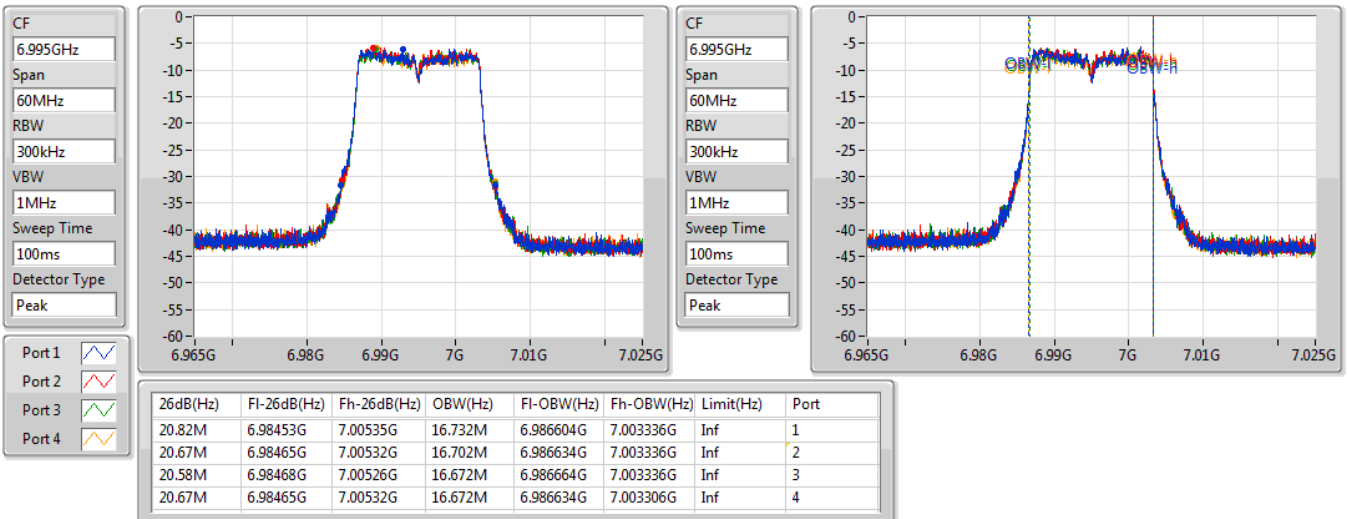


802.11a_Nss1,(6Mbps)_4TX

EBW

6995MHz

01/10/2021



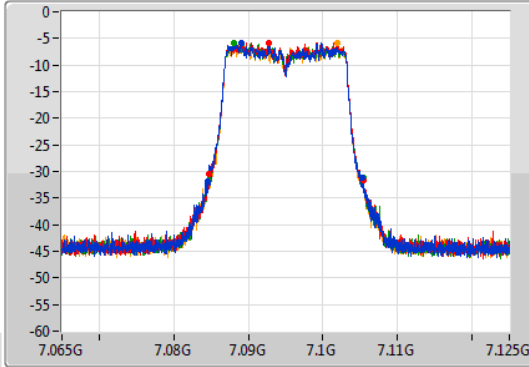
802.11a_Nss1,(6Mbps)_4TX

EBW

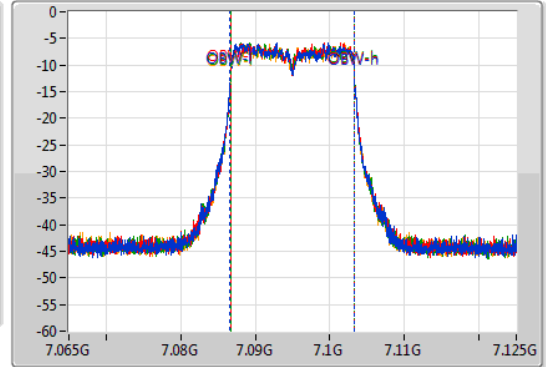
7095MHz

01/10/2021

CF
7.095GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
7.095GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	7.08459G	7.10532G	16.702M	7.086634G	7.103336G	Inf	1
20.67M	7.08471G	7.10538G	16.672M	7.086664G	7.103336G	Inf	2
20.67M	7.08471G	7.10538G	16.672M	7.086664G	7.103336G	Inf	3
20.76M	7.08468G	7.10544G	16.672M	7.086664G	7.103336G	Inf	4

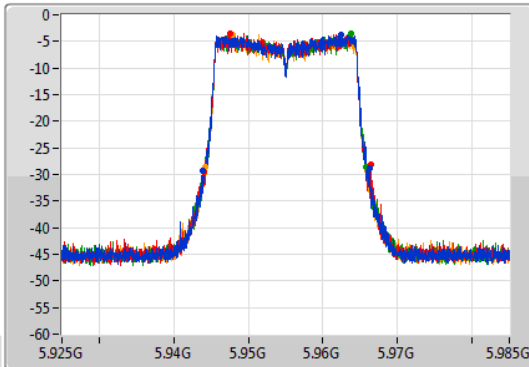
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

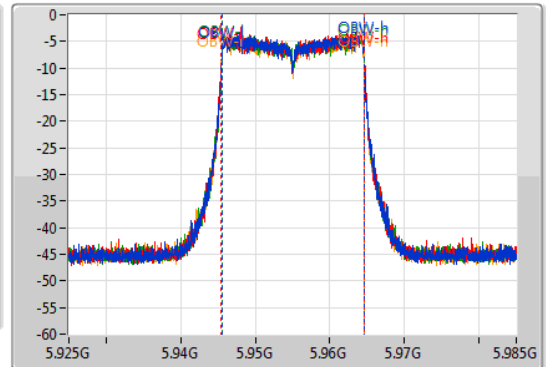
5955MHz

01/10/2021

CF
5.955GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.955GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.41M	5.94387G	5.96628G	19.07M	5.945495G	5.964565G	Inf	1
22.5M	5.94402G	5.96652G	19.13M	5.945465G	5.964595G	Inf	2
21.81M	5.94405G	5.96586G	19.07M	5.945495G	5.964565G	Inf	3
21.72M	5.9442G	5.96592G	19.13M	5.945465G	5.964595G	Inf	4

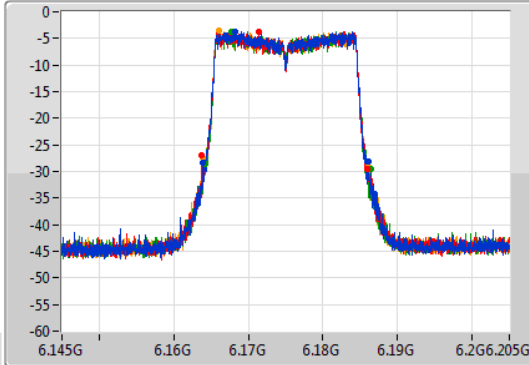
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

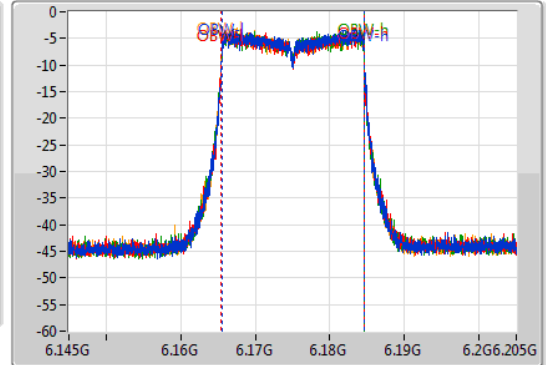
6175MHz

01/10/2021

CF
6.175GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.175GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.29M	6.16384G	6.18613G	19.1M	6.165495G	6.184595G	Inf	1
22.29M	6.16369G	6.18598G	19.13M	6.165465G	6.184595G	Inf	2
22.29M	6.16417G	6.18646G	19.1M	6.165465G	6.184565G	Inf	3
22.29M	6.1639G	6.18619G	19.1M	6.165465G	6.184565G	Inf	4

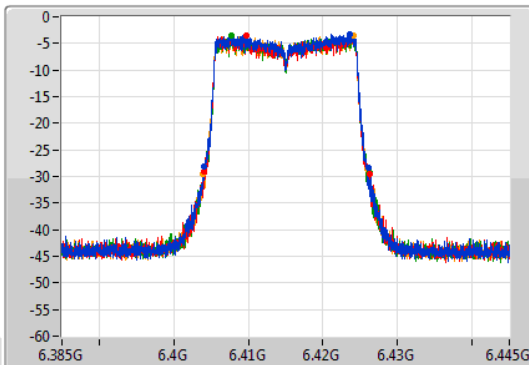
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

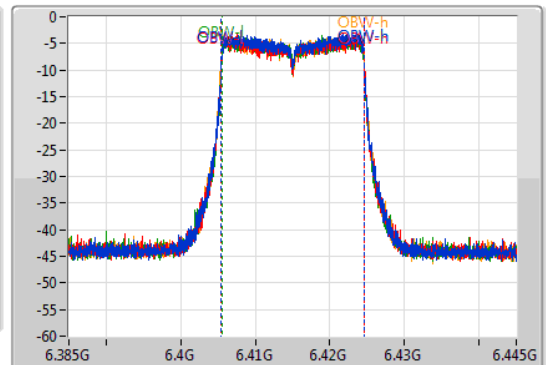
6415MHz

01/10/2021

CF
6.415GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.415GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.17M	6.40399G	6.42616G	19.13M	6.405465G	6.424595G	Inf	1
22.17M	6.40411G	6.42628G	19.13M	6.405465G	6.424595G	Inf	2
22.32M	6.40402G	6.42634G	19.07M	6.405495G	6.424565G	Inf	3
22.11M	6.4039G	6.42601G	19.1M	6.405465G	6.424565G	Inf	4

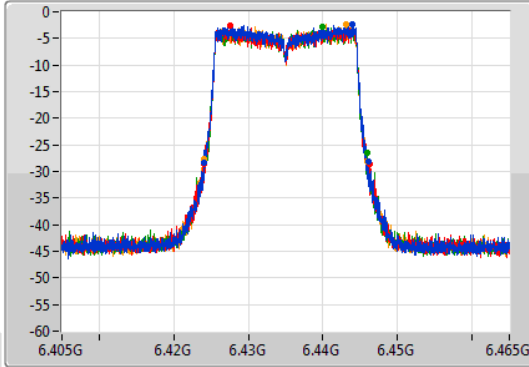
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

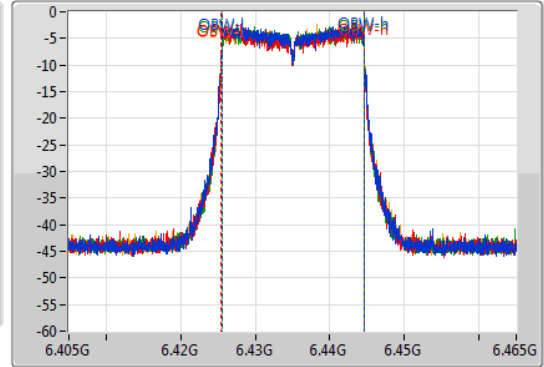
6435MHz

01/10/2021

CF
6.435GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.435GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.99M	6.42408G	6.44607G	19.1M	6.425495G	6.444595G	Inf	1
22.23M	6.42408G	6.44631G	19.13M	6.425465G	6.444595G	Inf	2
21.93M	6.42402G	6.44595G	19.07M	6.425495G	6.444565G	Inf	3
21.93M	6.42405G	6.44598G	19.13M	6.425465G	6.444595G	Inf	4

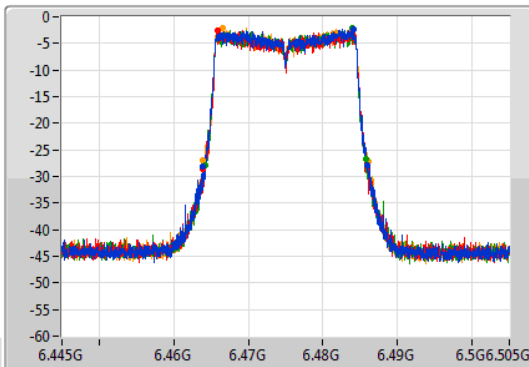
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

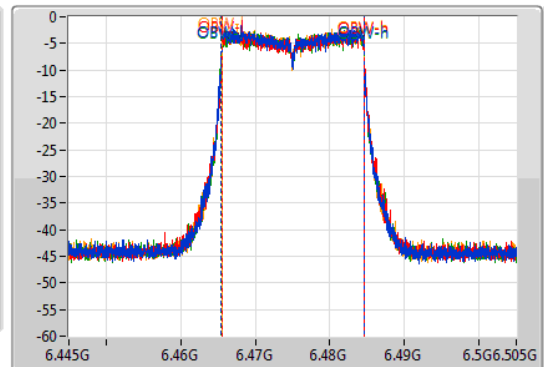
6475MHz

01/10/2021

CF
6.475GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.475GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	6.4639G	6.48598G	19.13M	6.465465G	6.484595G	Inf	1
22.02M	6.46396G	6.48598G	19.07M	6.465495G	6.484565G	Inf	2
21.66M	6.4642G	6.48586G	19.1M	6.465465G	6.484565G	Inf	3
22.14M	6.46396G	6.4861G	19.07M	6.465495G	6.484565G	Inf	4

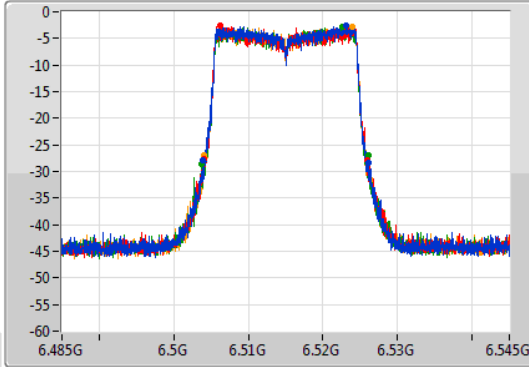
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

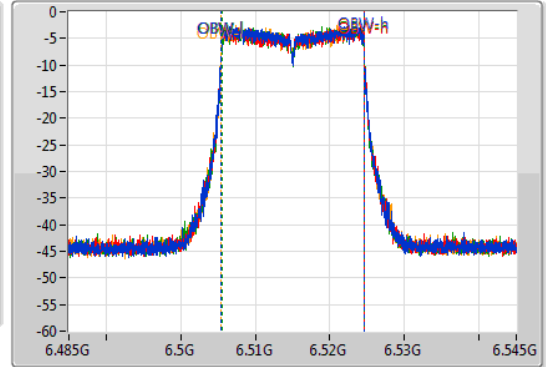
6515MHz

01/10/2021

CF
6.515GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.515GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	6.50396G	6.52619G	19.1M	6.505465G	6.524565G	Inf	1
21.93M	6.50399G	6.52592G	19.13M	6.505465G	6.524595G	Inf	2
22.5M	6.50369G	6.52619G	19.07M	6.505495G	6.524565G	Inf	3
22.17M	6.50402G	6.52619G	19.13M	6.505435G	6.524565G	Inf	4

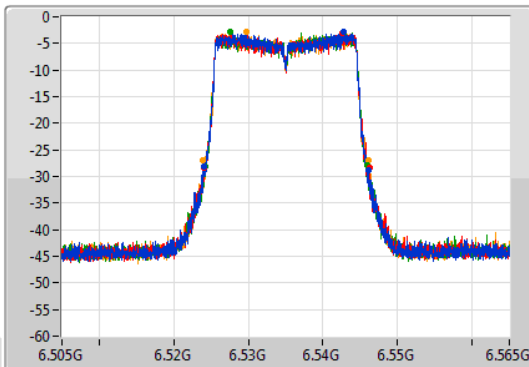
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

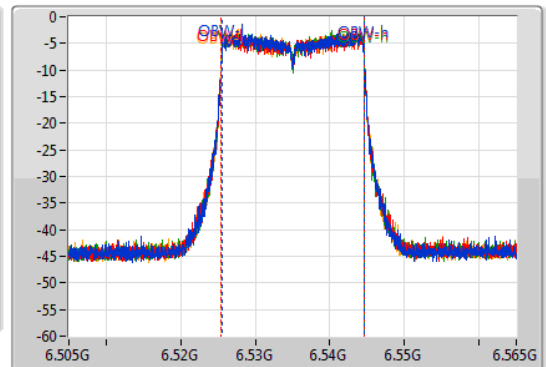
6535MHz

01/10/2021

CF
6.535GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.535GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	6.52405G	6.54607G	19.07M	6.525495G	6.544565G	Inf	1
22.2M	6.52405G	6.54625G	19.13M	6.525465G	6.544595G	Inf	2
21.72M	6.52417G	6.54589G	19.1M	6.525495G	6.544595G	Inf	3
22.08M	6.52396G	6.54604G	19.13M	6.525465G	6.544595G	Inf	4

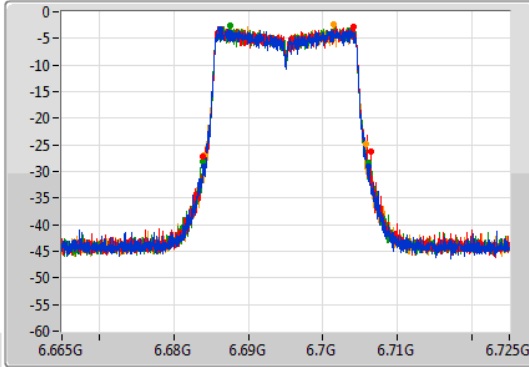
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

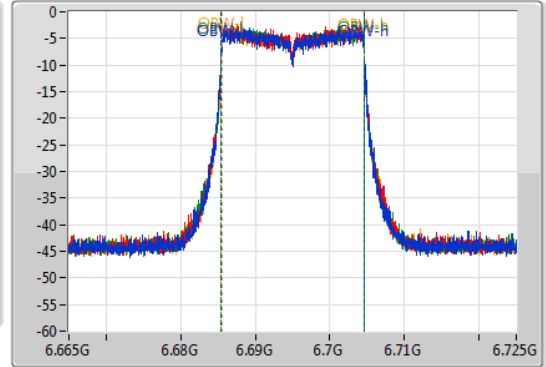
6695MHz

01/10/2021

CF
6.695GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.695GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.11M	6.68402G	6.70613G	19.13M	6.685465G	6.704595G	Inf	1
22.47M	6.68393G	6.7064G	19.13M	6.685465G	6.704595G	Inf	2
22.29M	6.68381G	6.7061G	19.13M	6.685465G	6.704595G	Inf	3
21.72M	6.68402G	6.70574G	19.07M	6.685495G	6.704565G	Inf	4

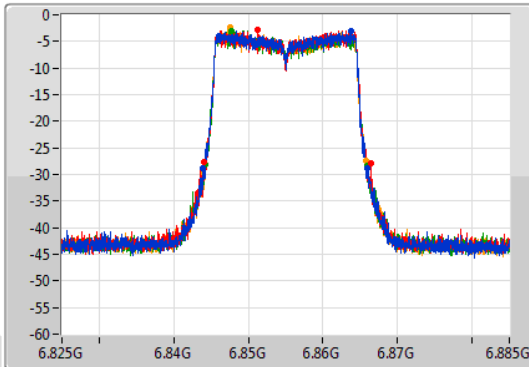
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

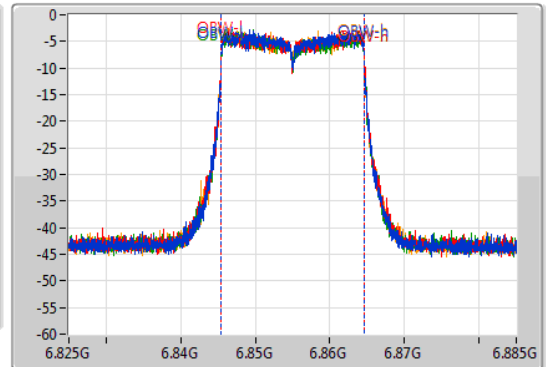
6855MHz

01/10/2021

CF
6.855GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.855GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	6.84393G	6.86595G	19.1M	6.845465G	6.864565G	Inf	1
22.41M	6.84402G	6.86643G	19.13M	6.845465G	6.864595G	Inf	2
21.78M	6.84417G	6.86595G	19.13M	6.845465G	6.864595G	Inf	3
21.63M	6.84423G	6.86586G	19.1M	6.845465G	6.864565G	Inf	4

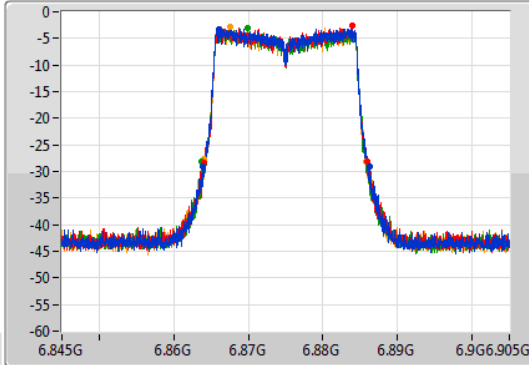
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

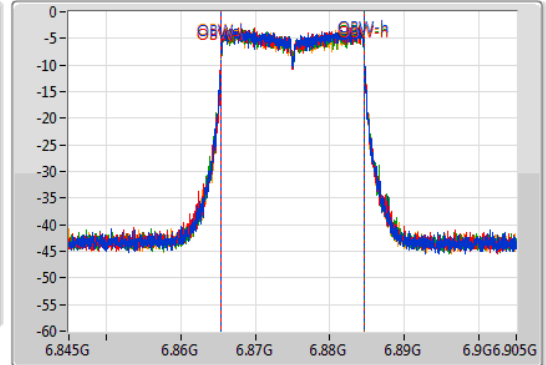
6875MHz

01/10/2021

CF
6.875GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.875GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.41M	6.86387G	6.88628G	19.1M	6.865465G	6.884565G	Inf	1
21.99M	6.86402G	6.88601G	19.16M	6.865435G	6.884595G	Inf	2
22.35M	6.86375G	6.8861G	19.13M	6.865465G	6.884595G	Inf	3
21.75M	6.86405G	6.8858G	19.1M	6.865465G	6.884565G	Inf	4

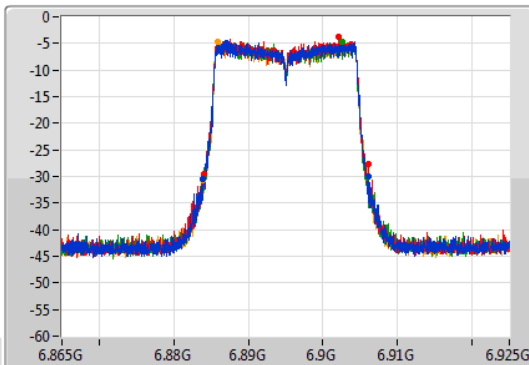
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

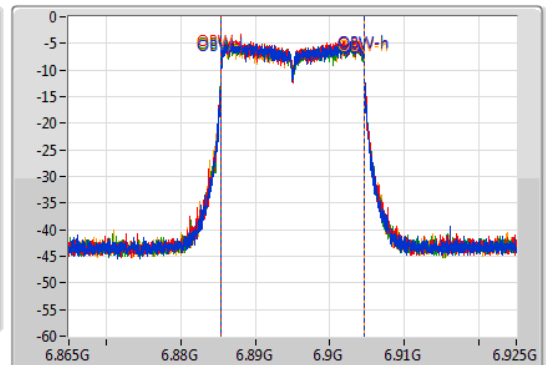
6895MHz

01/10/2021

CF
6.895GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.895GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	6.8839G	6.90613G	19.1M	6.885465G	6.904565G	Inf	1
22.11M	6.88405G	6.90616G	19.13M	6.885465G	6.904595G	Inf	2
21.93M	6.88402G	6.90595G	19.13M	6.885465G	6.904595G	Inf	3
22.05M	6.88393G	6.90598G	19.13M	6.885465G	6.904595G	Inf	4

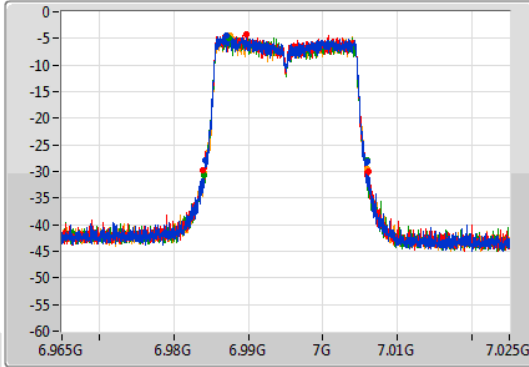
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

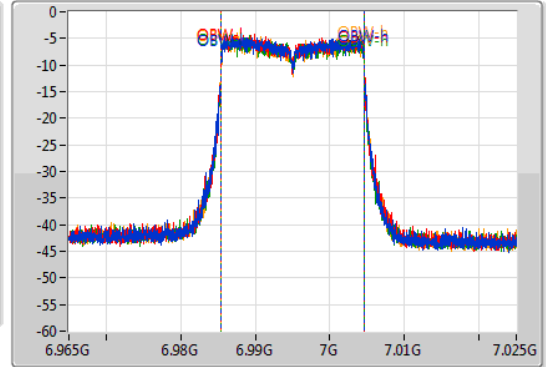
6995MHz

01/10/2021

CF
6.995GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.995GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	6.98414G	7.00592G	19.1M	6.985465G	7.004565G	Inf	1
22.11M	6.98393G	7.00604G	19.1M	6.985465G	7.004565G	Inf	2
21.81M	6.98411G	7.00592G	19.1M	6.985465G	7.004565G	Inf	3
21.93M	6.98405G	7.00598G	19.13M	6.985435G	7.004565G	Inf	4

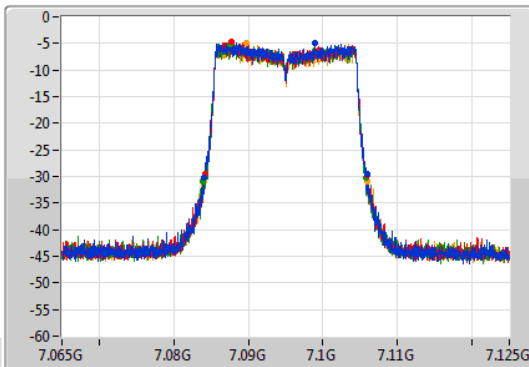
802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

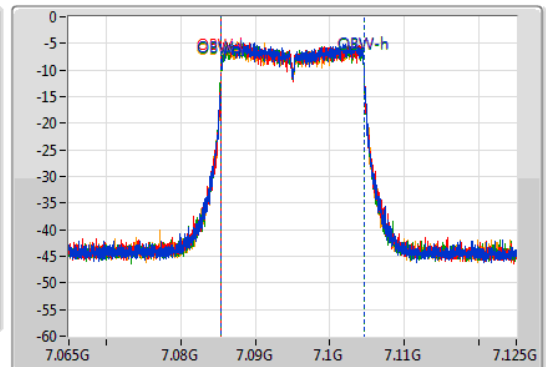
7095MHz

01/10/2021

CF
7.095GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
7.095GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	7.08411G	7.10598G	19.1M	7.085465G	7.104565G	Inf	1
21.75M	7.08414G	7.10589G	19.1M	7.085465G	7.104565G	Inf	2
21.87M	7.08393G	7.1058G	19.1M	7.085465G	7.104565G	Inf	3
22.14M	7.08384G	7.10598G	19.1M	7.085465G	7.104565G	Inf	4

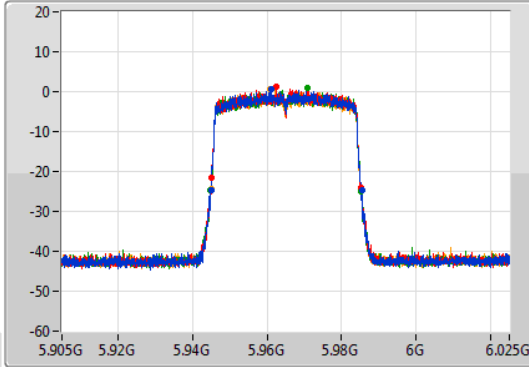
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

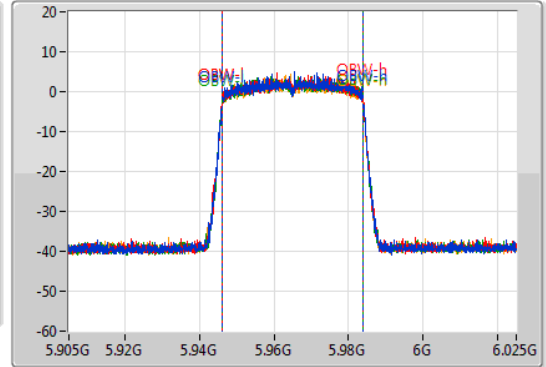
5965MHz

01/10/2021

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



CF
5.965GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.94496G	5.9854G	37.781M	5.946169G	5.983951G	Inf	1
40.26M	5.94502G	5.98528G	37.841M	5.946109G	5.983951G	Inf	2
40.44M	5.9449G	5.98534G	37.841M	5.946109G	5.983951G	Inf	3
40.2M	5.94496G	5.98516G	37.841M	5.946109G	5.983951G	Inf	4

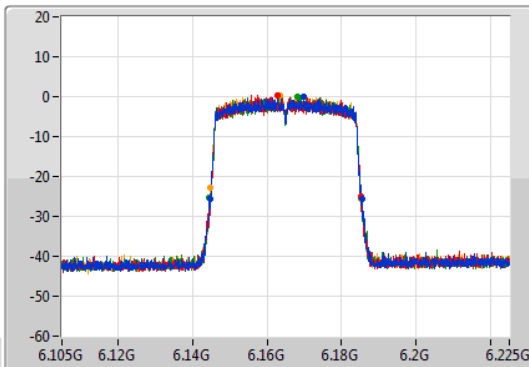
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

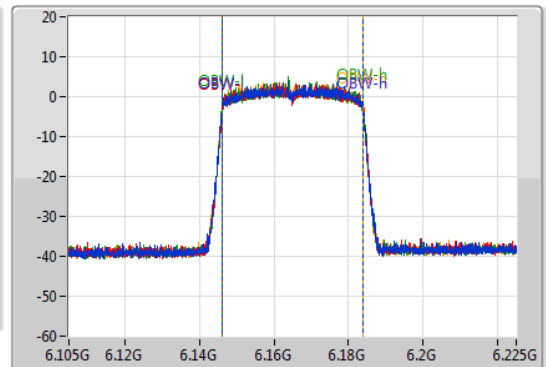
6165MHz

01/10/2021

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



CF
6.165GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

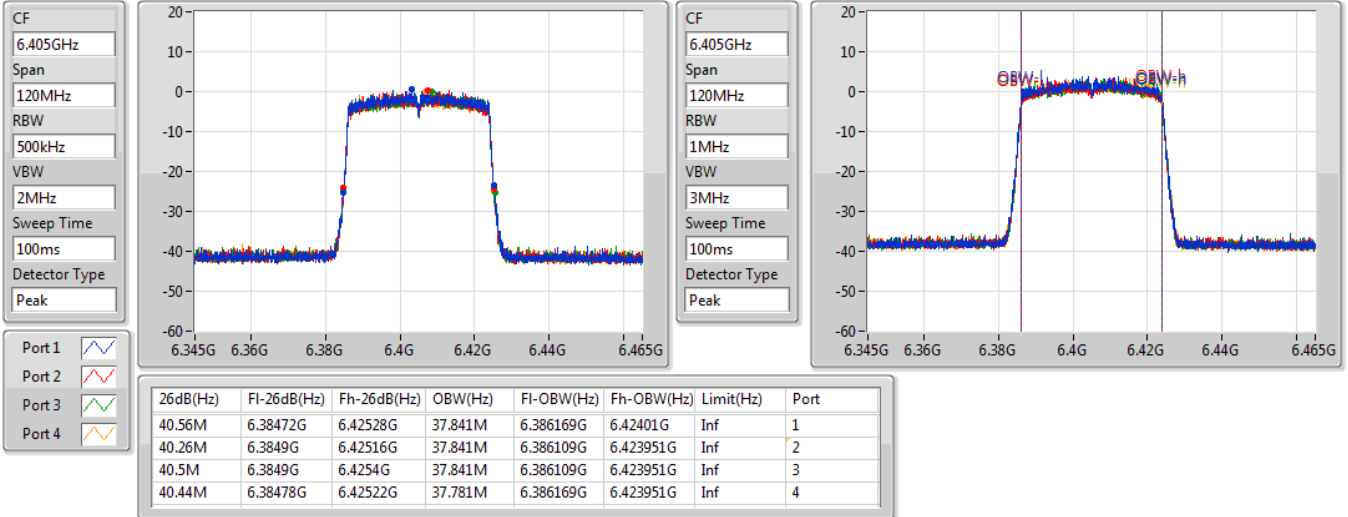
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	6.14472G	6.1854G	37.841M	6.146109G	6.183951G	Inf	1
40.2M	6.1449G	6.1851G	37.721M	6.146169G	6.183891G	Inf	2
40.56M	6.1446G	6.18516G	37.841M	6.146109G	6.183951G	Inf	3
40.32M	6.14484G	6.18516G	37.721M	6.146169G	6.183891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6405MHz

01/10/2021

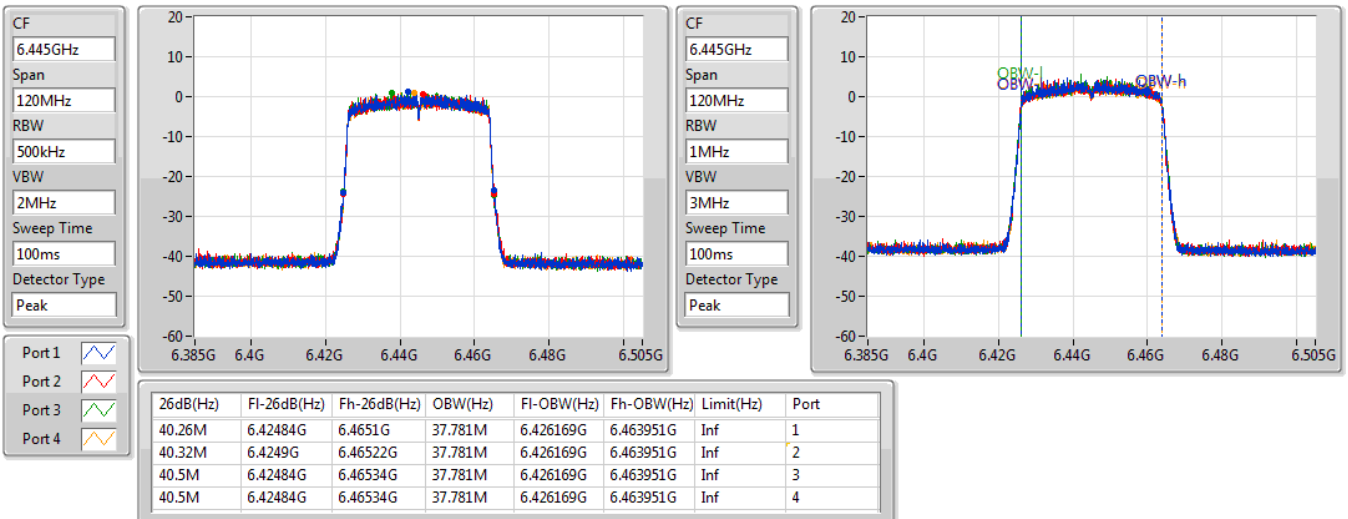


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6445MHz

01/10/2021

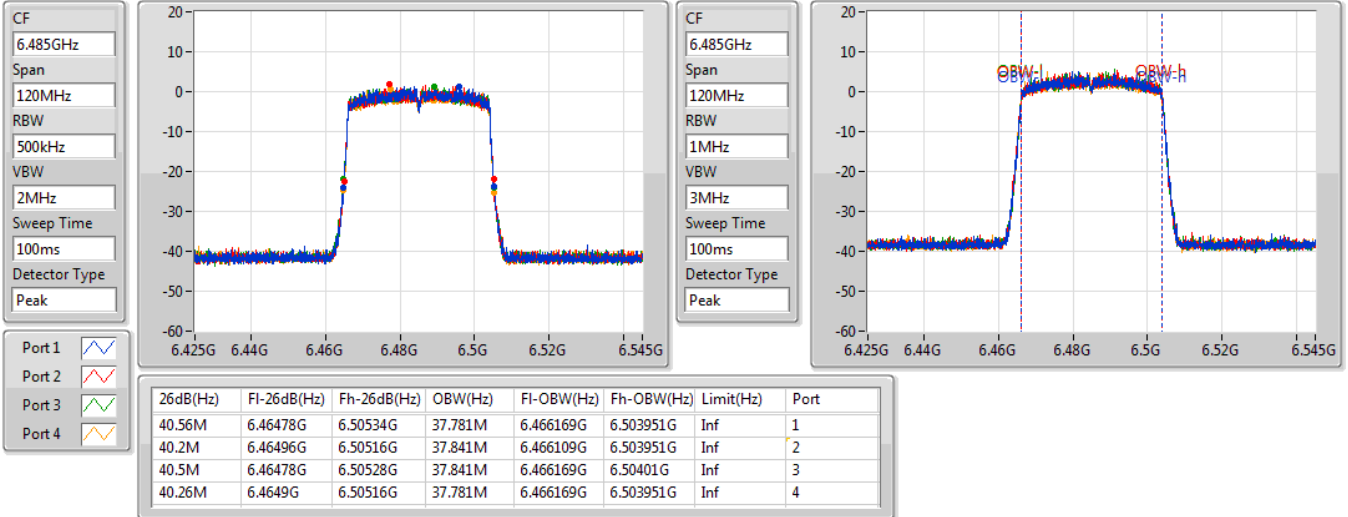


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6485MHz

01/10/2021

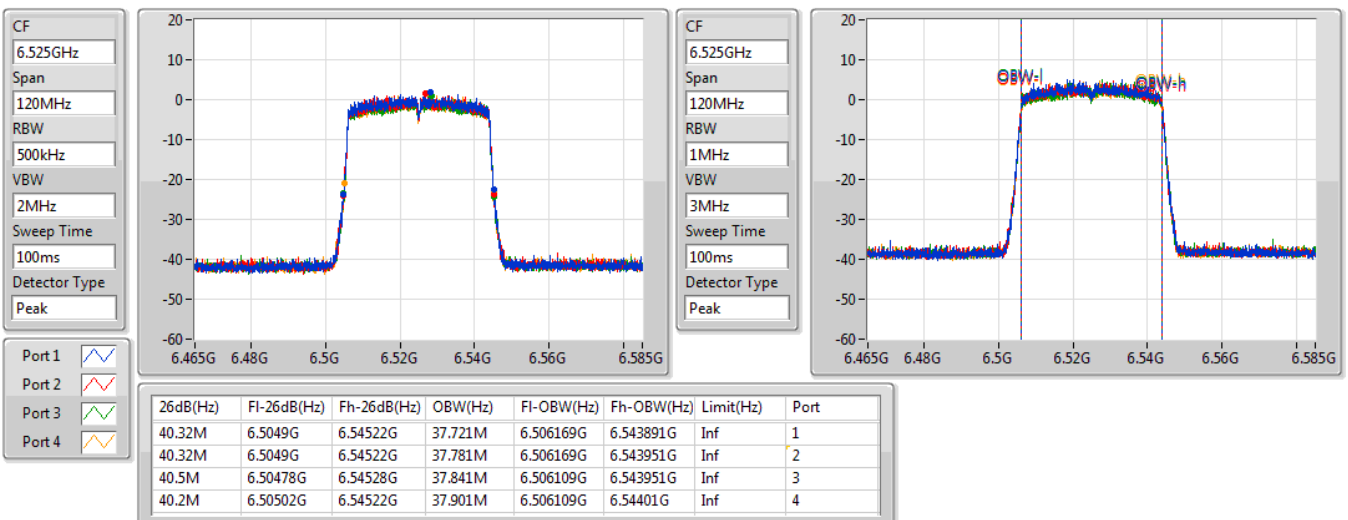


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6525MHz

01/10/2021



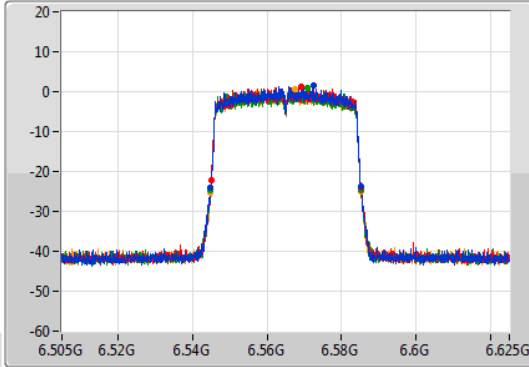
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

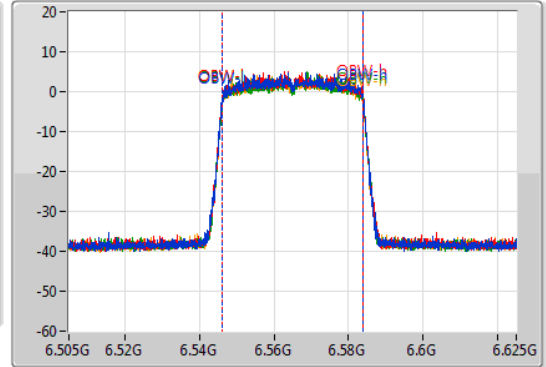
6565MHz

01/10/2021

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



CF
6.565GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	6.5449G	6.58534G	37.841M	6.546109G	6.583951G	Inf	1
40.2M	6.54502G	6.58522G	37.901M	6.546109G	6.58401G	Inf	2
40.5M	6.54484G	6.58534G	37.781M	6.546169G	6.583951G	Inf	3
40.68M	6.54466G	6.58534G	37.781M	6.546169G	6.583951G	Inf	4

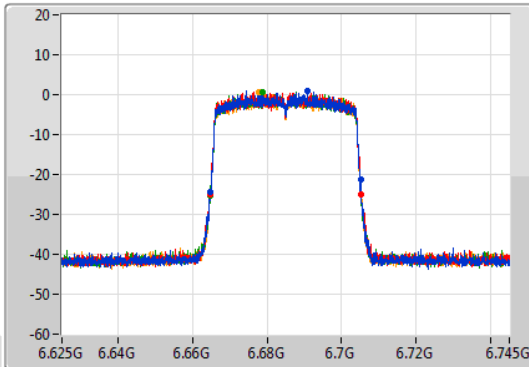
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

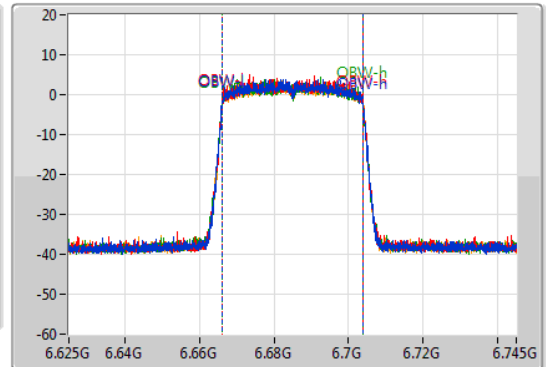
6685MHz

01/10/2021

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



CF
6.685GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	6.66472G	6.70522G	37.781M	6.666109G	6.703891G	Inf	1
40.44M	6.66478G	6.70522G	37.901M	6.666049G	6.703951G	Inf	2
40.38M	6.66484G	6.70522G	37.841M	6.666109G	6.703951G	Inf	3
40.32M	6.66478G	6.7051G	37.841M	6.666109G	6.703951G	Inf	4

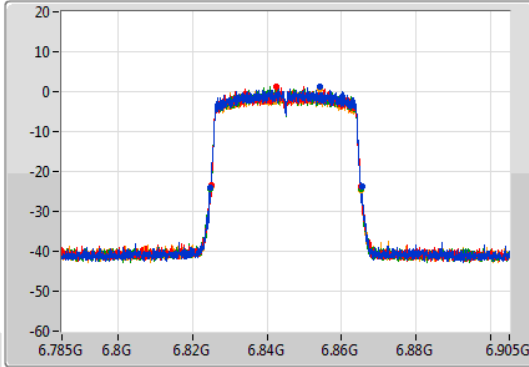
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

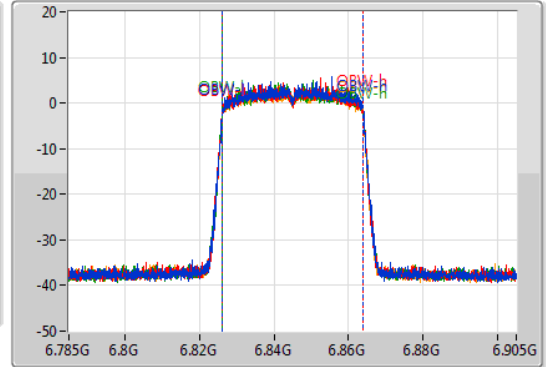
6845MHz

01/10/2021

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



CF
6.845GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	6.82484G	6.8654G	37.781M	6.826169G	6.863951G	Inf	1
40.26M	6.82502G	6.86528G	37.841M	6.826169G	6.86401G	Inf	2
40.5M	6.82478G	6.86528G	37.841M	6.826109G	6.863951G	Inf	3
40.26M	6.82496G	6.86522G	37.781M	6.826169G	6.863951G	Inf	4

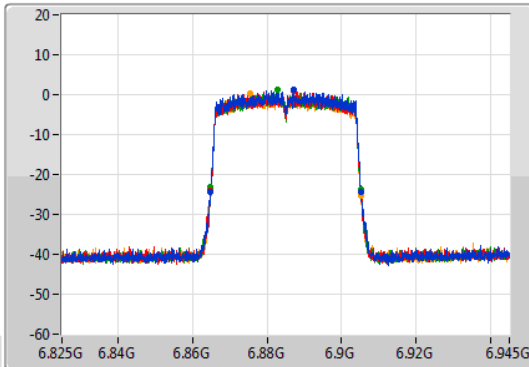
802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

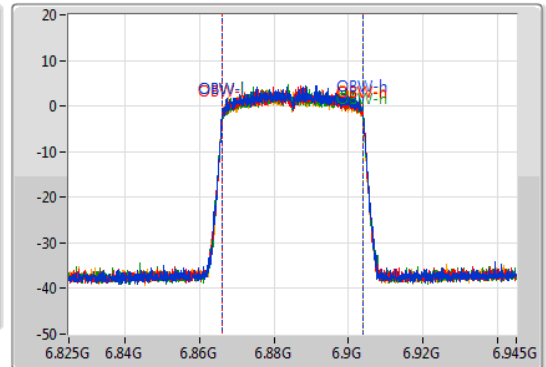
6885MHz

01/10/2021

CF
6.885GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.885GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

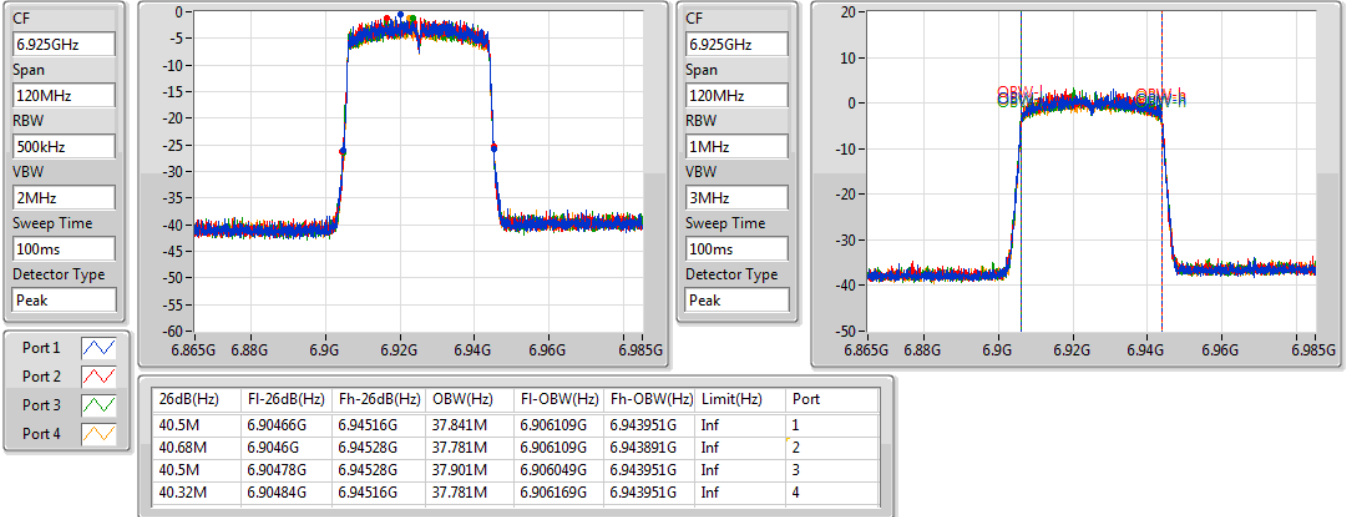
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	6.86484G	6.90528G	37.841M	6.866109G	6.903951G	Inf	1
40.56M	6.86478G	6.90534G	37.781M	6.866169G	6.903951G	Inf	2
40.32M	6.8649G	6.90522G	37.841M	6.866109G	6.903951G	Inf	3
40.32M	6.86484G	6.90516G	37.841M	6.866109G	6.903951G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6925MHz

01/10/2021

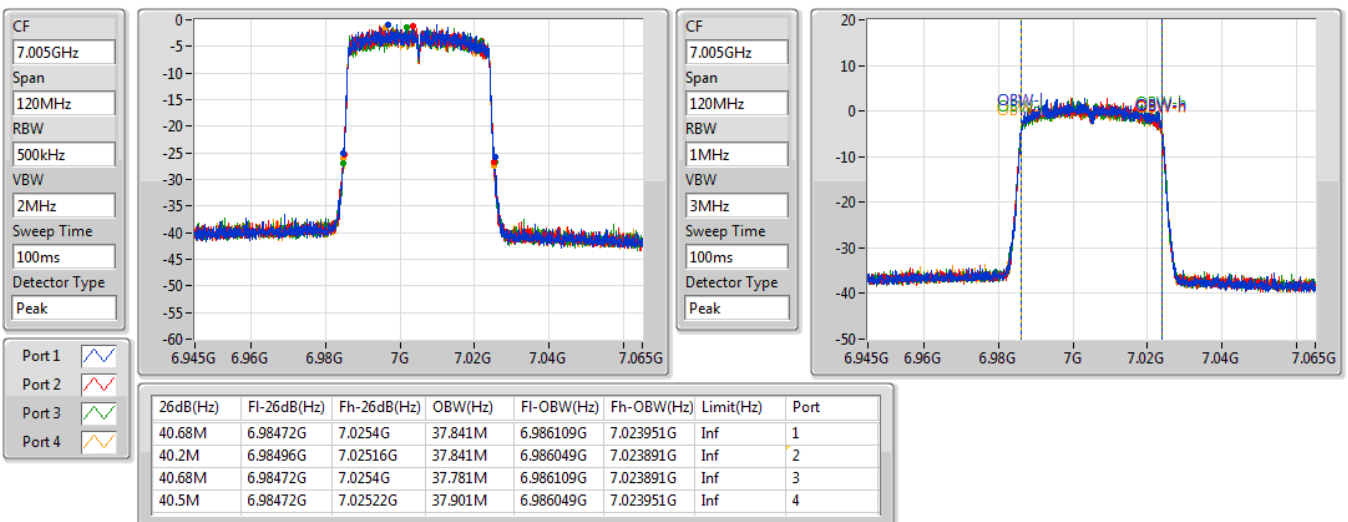


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

7005MHz

01/10/2021

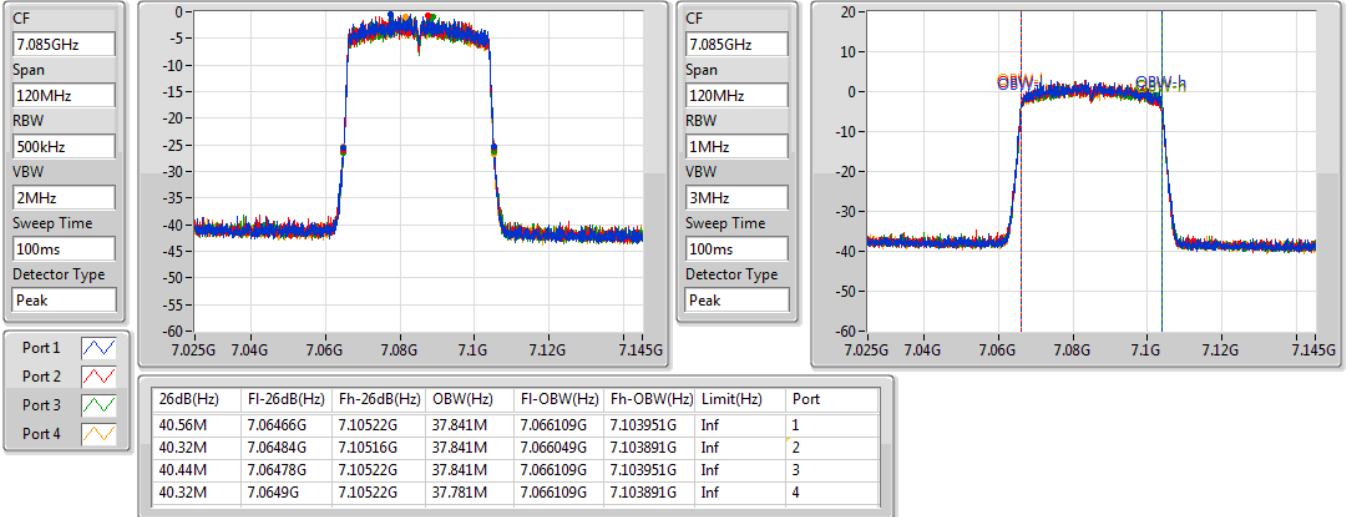


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

7085MHz

01/10/2021

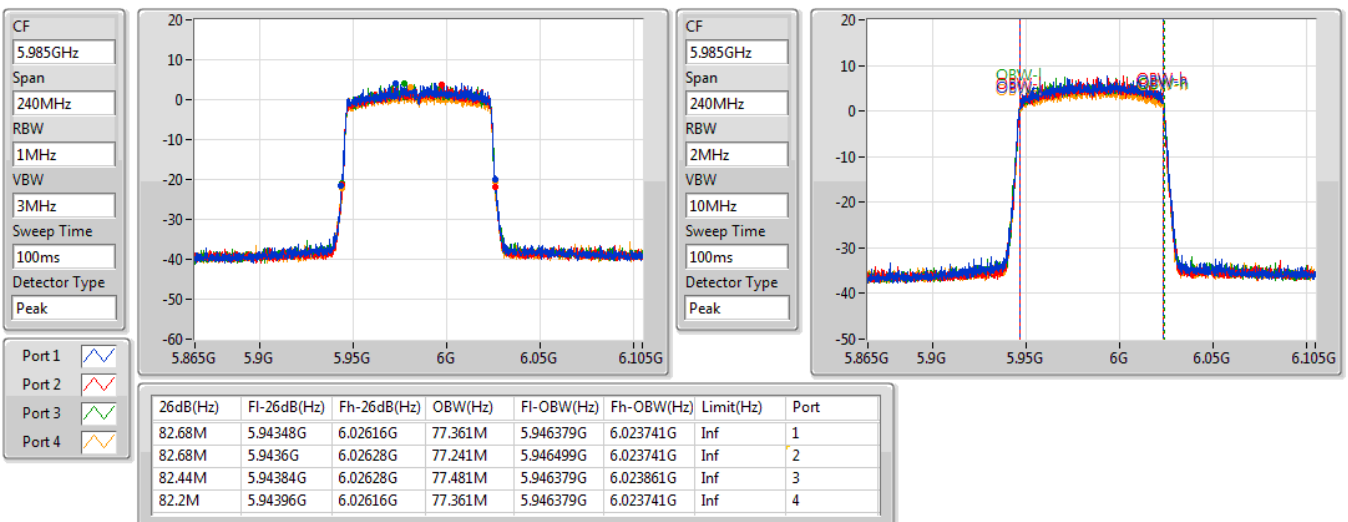


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5985MHz

01/10/2021



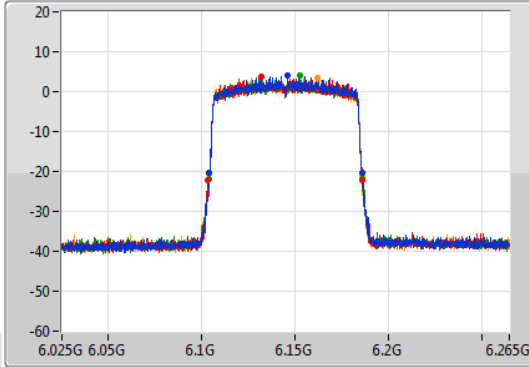
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

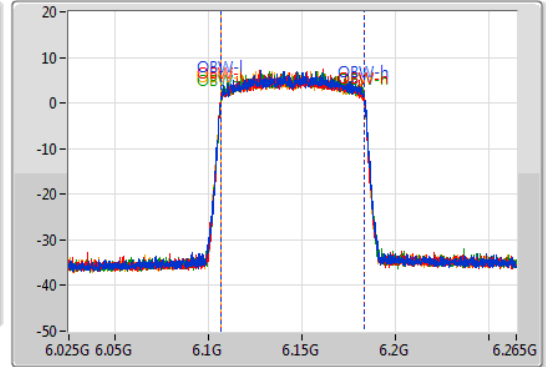
6145MHz

01/10/2021

CF
6.145GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.145GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	6.10396G	6.18604G	77.361M	6.106379G	6.183741G	Inf	1
82.68M	6.10348G	6.18616G	77.241M	6.106379G	6.183621G	Inf	2
82.32M	6.10408G	6.1864G	77.241M	6.106379G	6.183621G	Inf	3
82.08M	6.10396G	6.18604G	77.241M	6.106379G	6.183621G	Inf	4

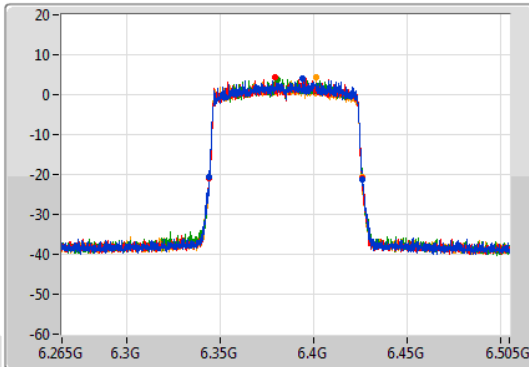
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

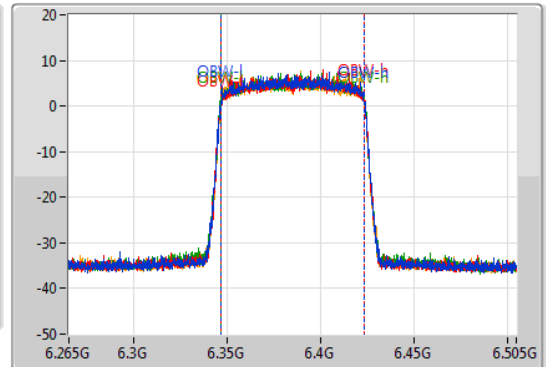
6385MHz

01/10/2021

CF
6.385GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.385GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

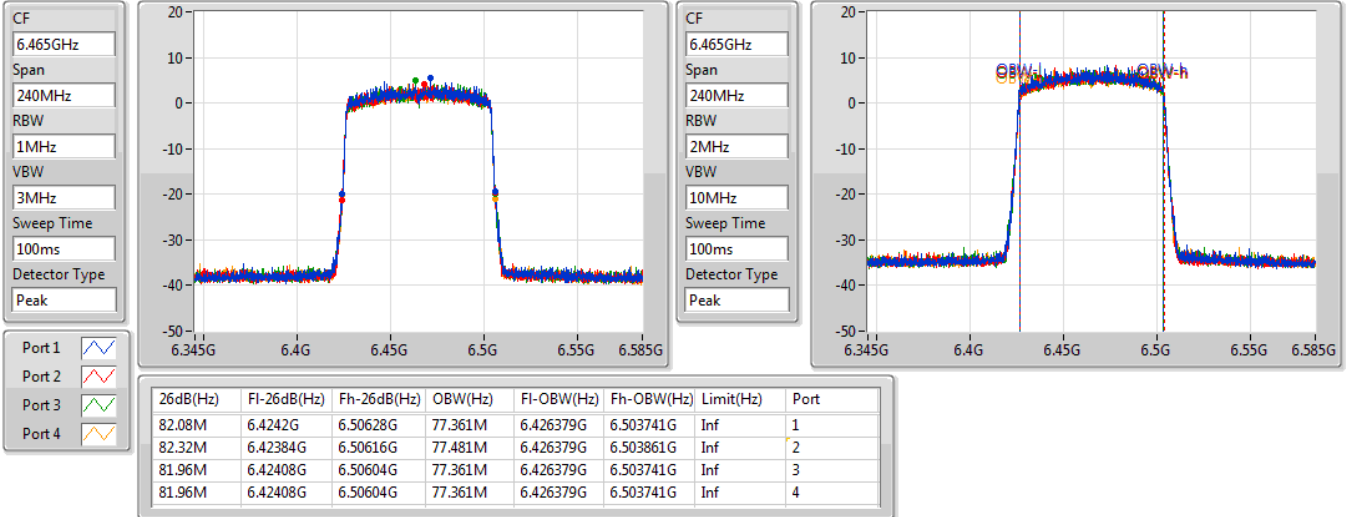
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	6.34396G	6.42628G	77.241M	6.346499G	6.423741G	Inf	1
82.08M	6.34408G	6.42616G	77.241M	6.346499G	6.423741G	Inf	2
82.32M	6.34396G	6.42628G	77.361M	6.346379G	6.423741G	Inf	3
82.08M	6.34408G	6.42616G	77.361M	6.346379G	6.423741G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6465MHz

01/10/2021

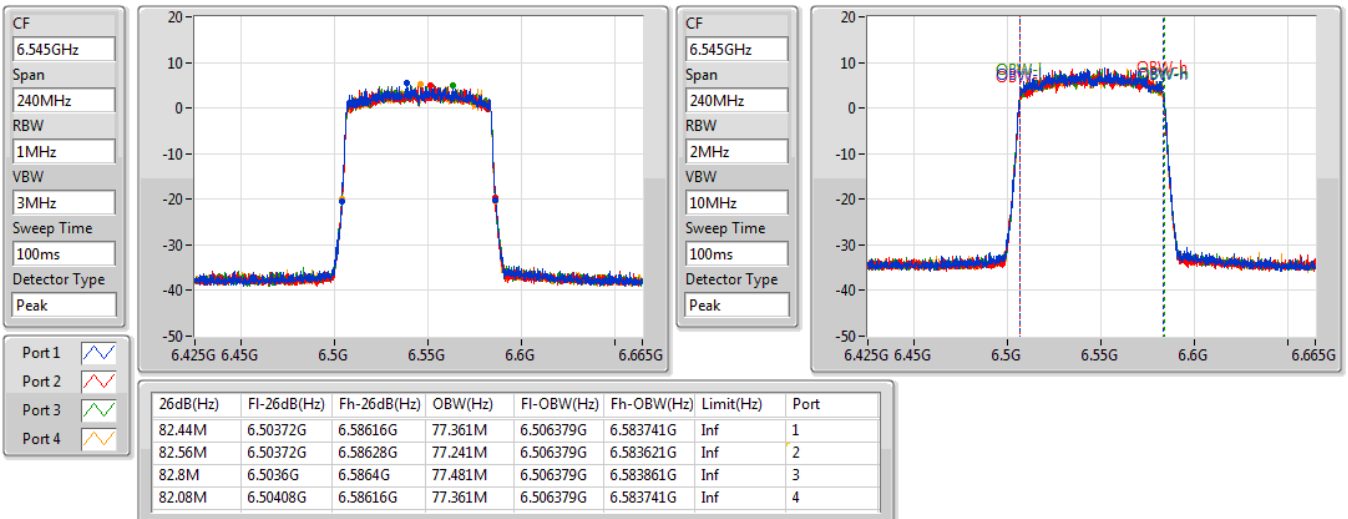


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6545MHz

01/10/2021

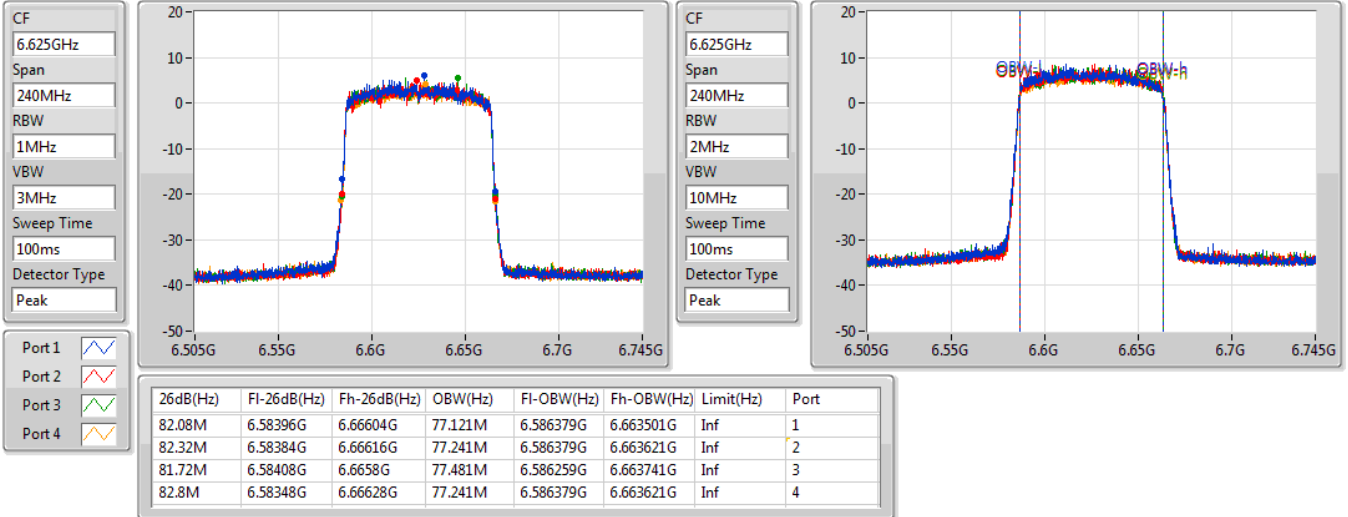


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6625MHz

01/10/2021

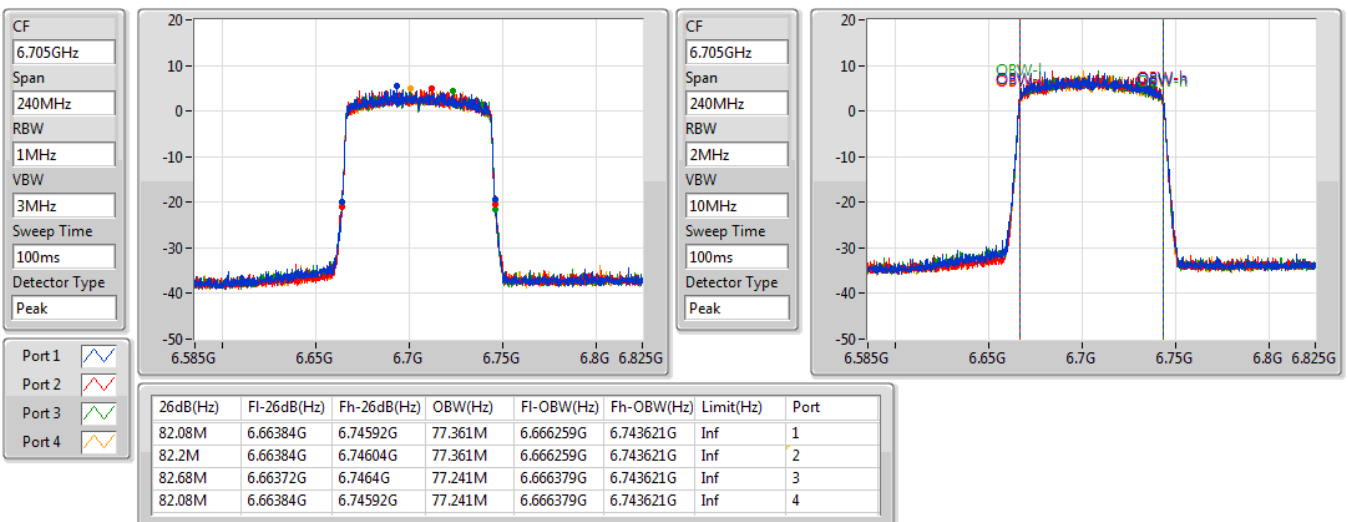


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6705MHz

01/10/2021

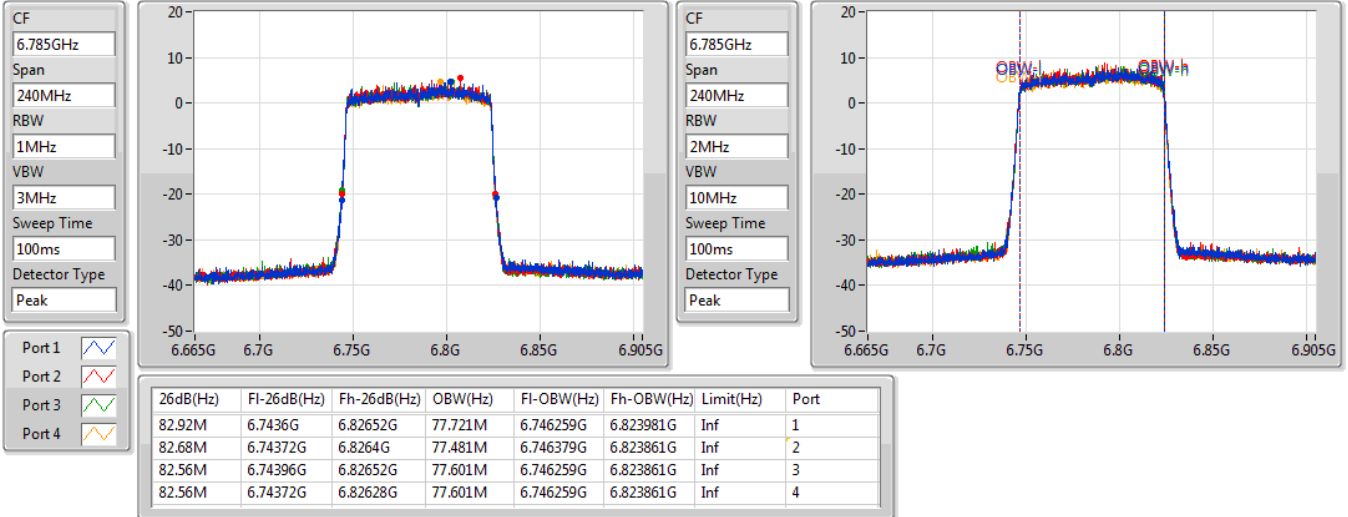


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6785MHz

01/10/2021

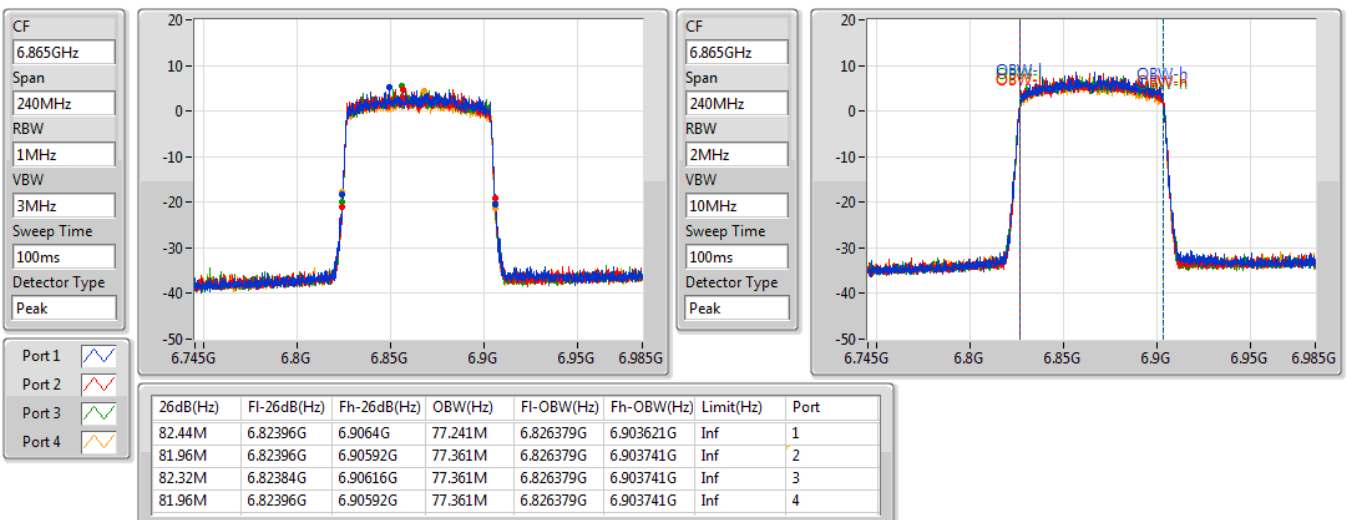


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6865MHz

01/10/2021



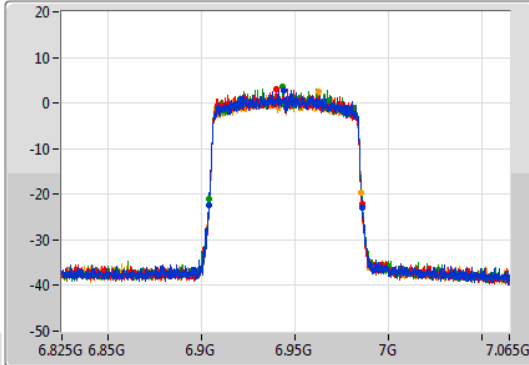
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

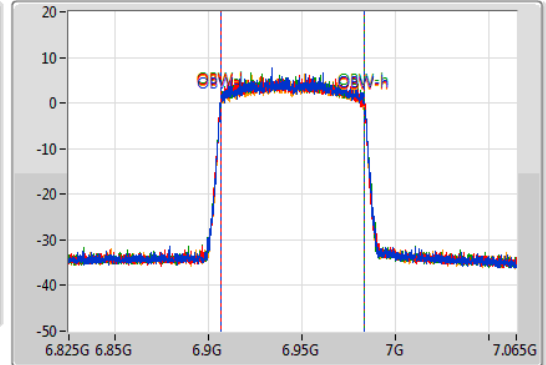
6945MHz

01/10/2021

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



CF
6.945GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	6.90384G	6.98616G	77.241M	6.906379G	6.983621G	Inf	1
82.08M	6.90372G	6.9858G	77.361M	6.906259G	6.983621G	Inf	2
82.32M	6.90396G	6.98628G	77.241M	6.906379G	6.983621G	Inf	3
81.72M	6.90396G	6.98568G	77.361M	6.906259G	6.983621G	Inf	4

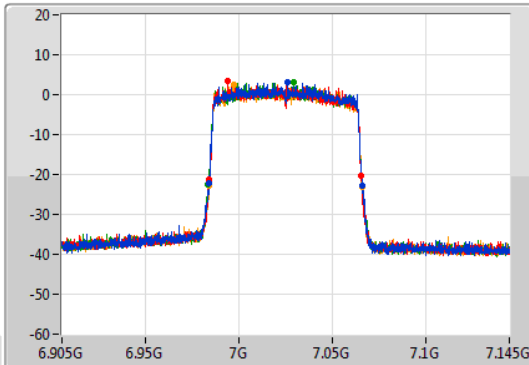
802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

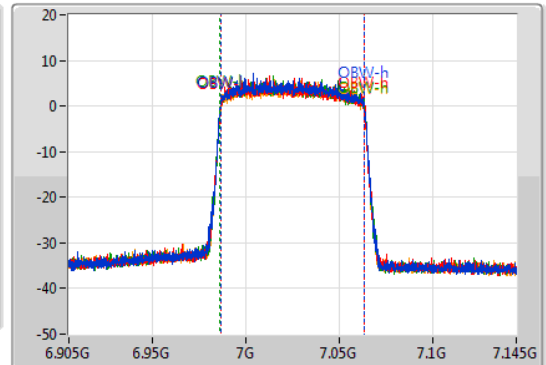
7025MHz

01/10/2021

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



CF
7.025GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

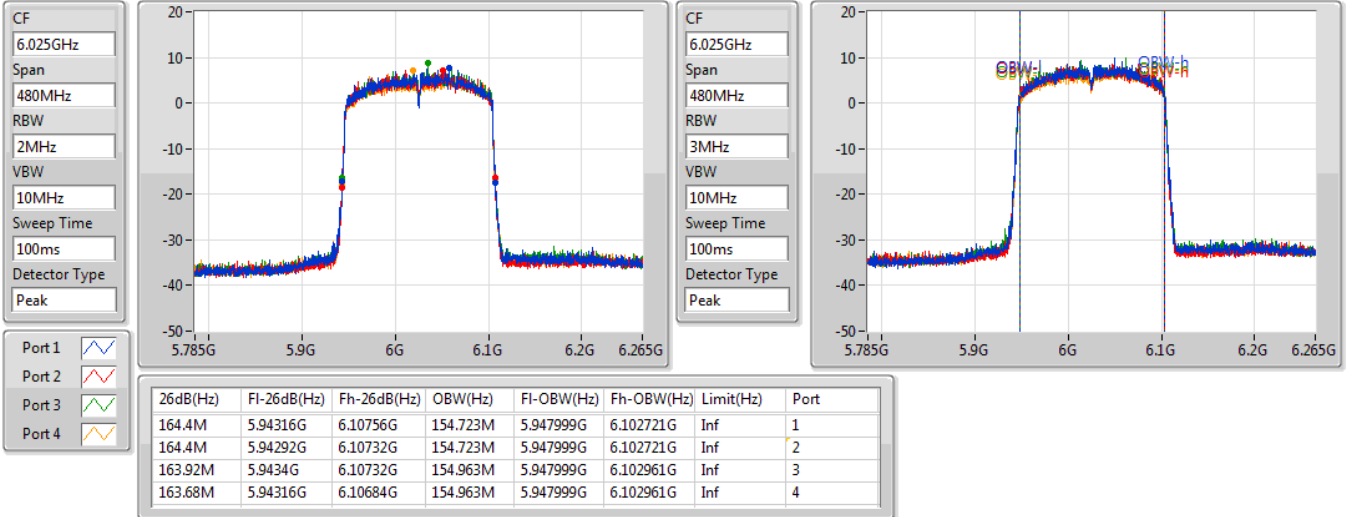
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	6.98372G	7.06616G	77.361M	6.986259G	7.063621G	Inf	1
81.6M	6.98408G	7.06568G	77.241M	6.986259G	7.063501G	Inf	2
82.56M	6.98348G	7.06604G	77.481M	6.986139G	7.063621G	Inf	3
82.2M	6.98372G	7.06592G	77.361M	6.986259G	7.063621G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6025MHz

01/10/2021

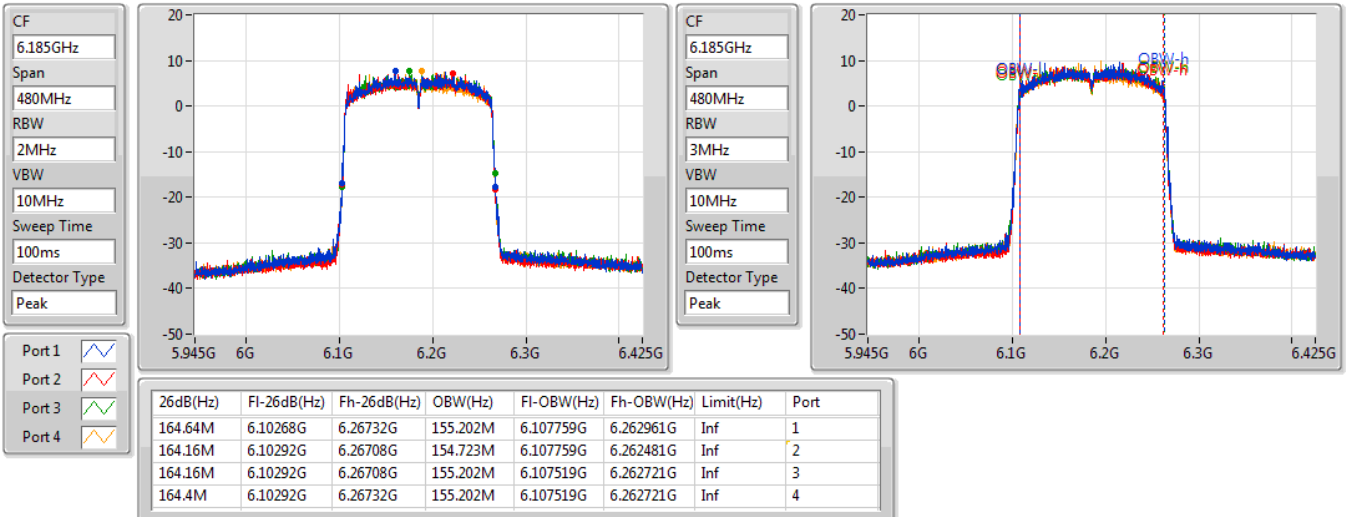


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6185MHz

01/10/2021

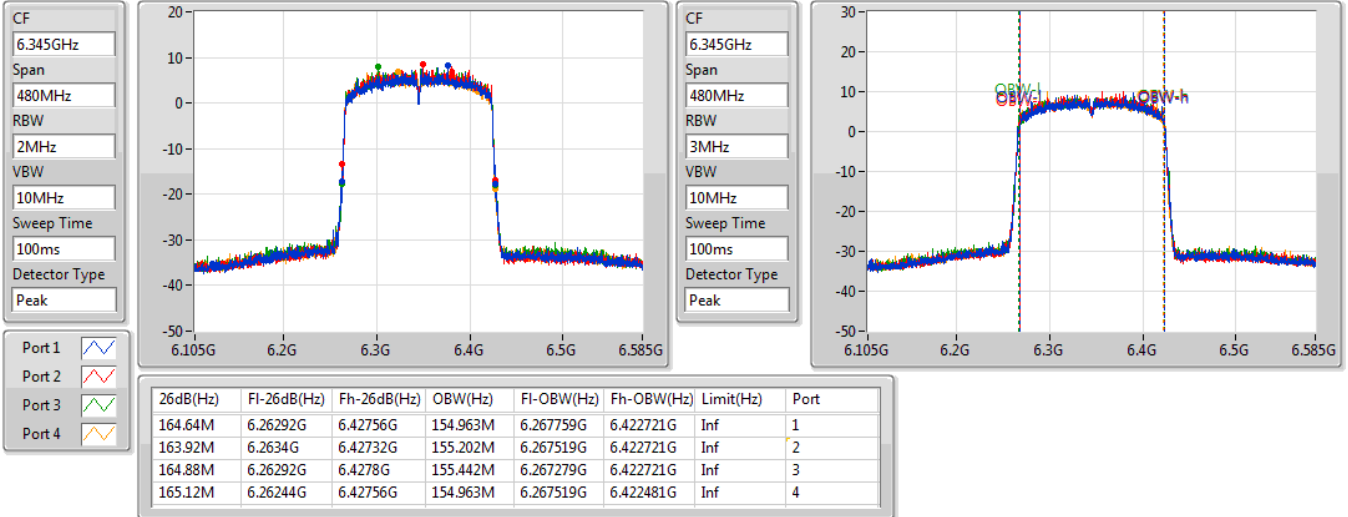


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6345MHz

01/10/2021

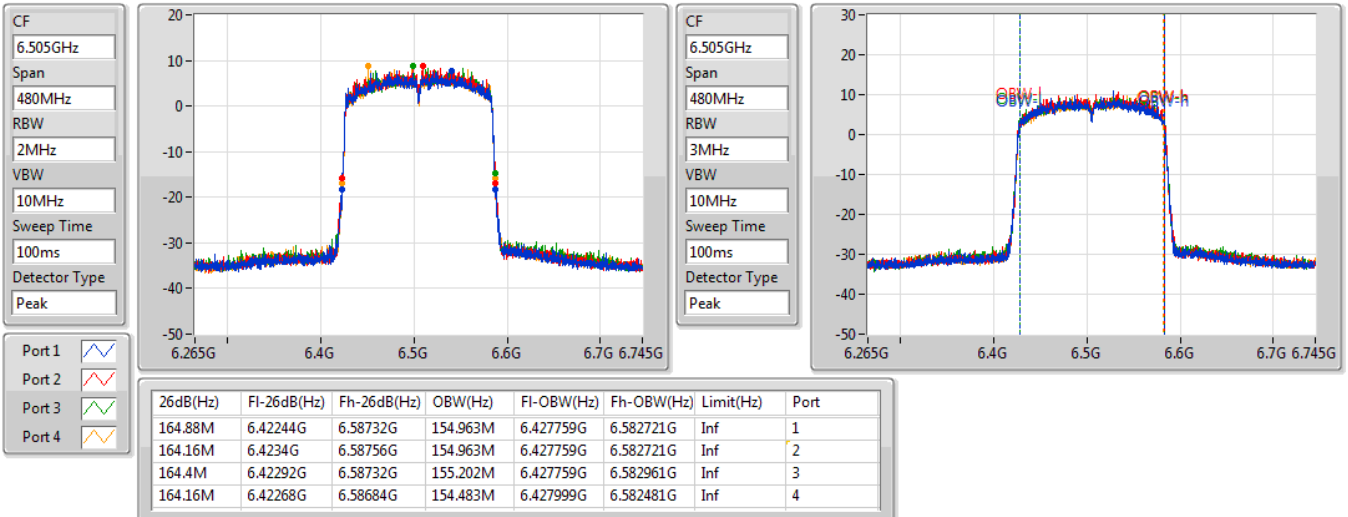


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6505MHz

01/10/2021

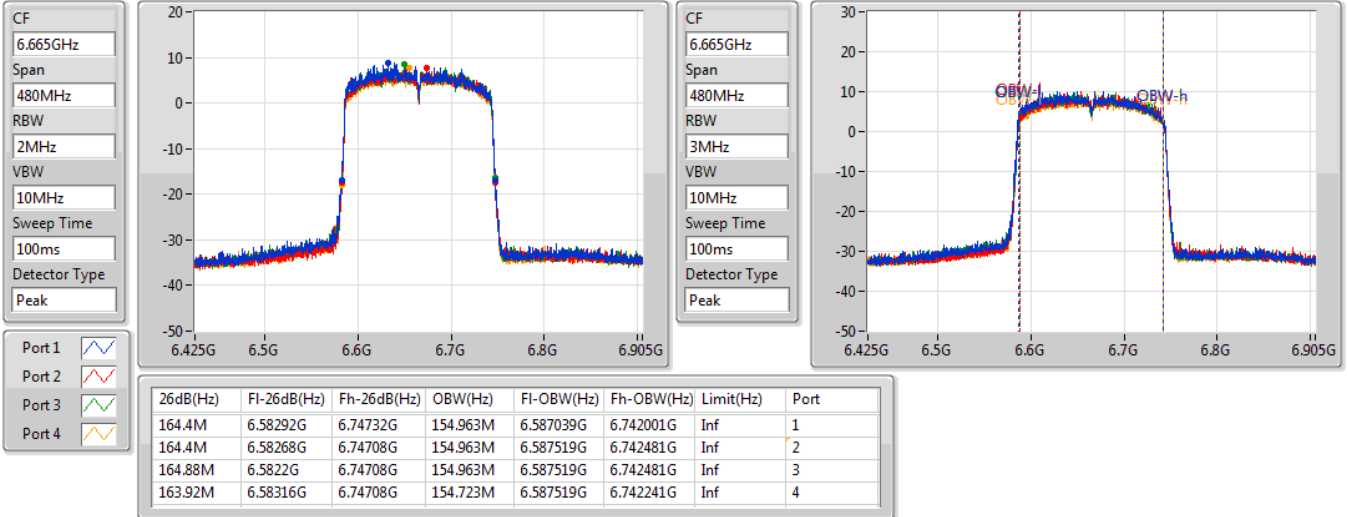


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6665MHz

01/10/2021

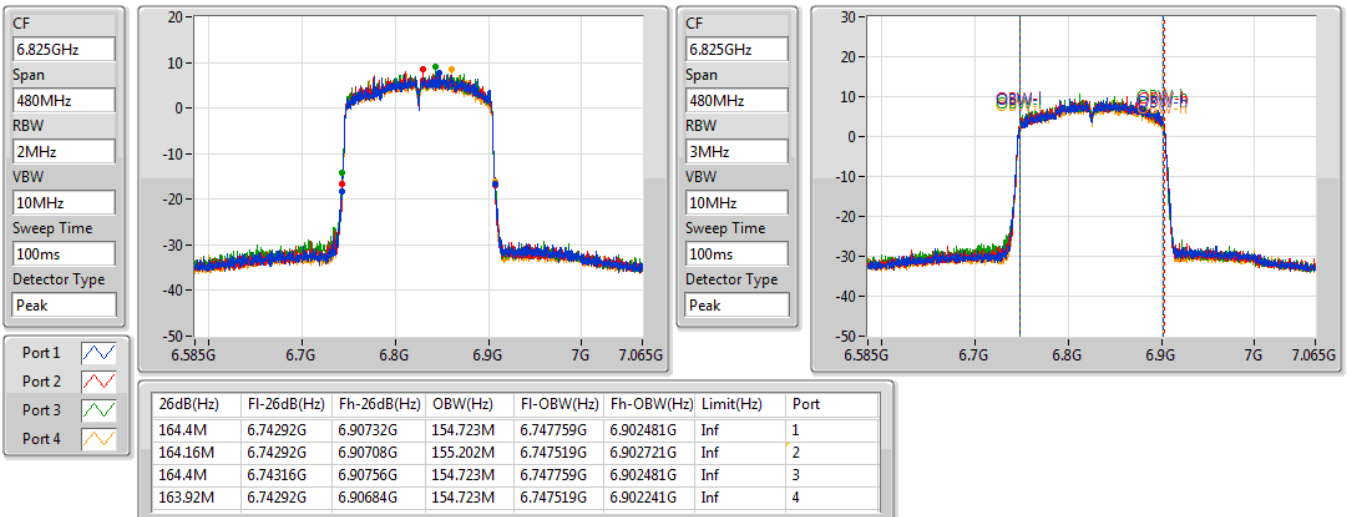


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6825MHz

01/10/2021



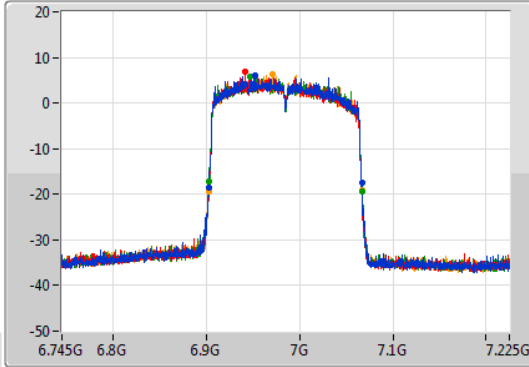
802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

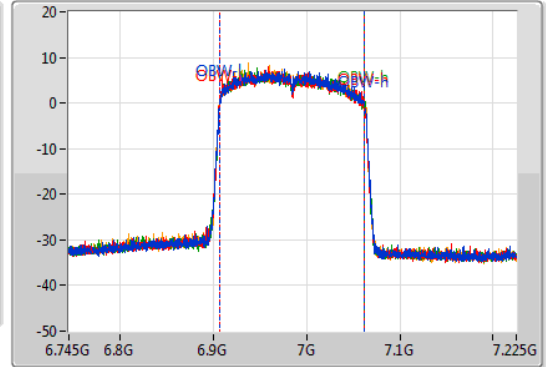
6985MHz

01/10/2021

CF
6.985GHz
Span
480MHz
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



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.9022G	7.06684G	154.483M	6.907279G	7.061762G	Inf	1
163.92M	6.90316G	7.06708G	154.723M	6.907039G	7.061762G	Inf	2
165.12M	6.9022G	7.06732G	154.963M	6.907279G	7.062241G	Inf	3
164.64M	6.9022G	7.06684G	154.723M	6.907039G	7.061762G	Inf	4



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.76M	16.702M	16M7D1D	20.34M	16.642M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.08M	19.19M	19M2D1D	21.69M	19.1M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.5M	37.961M	38M0D1D	40.2M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.8M	77.481M	77M5D1D	81.72M	77.241M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.12M	155.202M	155MD1D	163.44M	154.963M
6.425-6.525GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.64M	16.702M	16M7D1D	20.22M	16.612M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.17M	19.16M	19M2D1D	21.6M	19.1M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.56M	37.841M	37M8D1D	40.32M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.481M	77M5D1D	81.84M	77.241M
802.11ax HEW160_Nss1,(MCS0)_2TX	164.64M	154.963M	155MD1D	163.92M	154.963M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.73M	16.732M	16M7D1D	20.28M	16.642M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.17M	19.13M	19M1D1D	21.75M	19.1M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.62M	37.841M	37M8D1D	40.14M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.601M	77M6D1D	81.6M	77.361M
802.11ax HEW160_Nss1,(MCS0)_2TX	165.6M	155.202M	155MD1D	163.92M	154.963M
6.875-7.125GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.73M	16.762M	16M8D1D	20.34M	16.642M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.99M	19.16M	19M2D1D	21.66M	19.1M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.68M	37.901M	37M9D1D	40.32M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.96M	77.601M	77M6D1D	81.48M	77.121M
802.11ax HEW160_Nss1,(MCS0)_2TX	163.92M	154.723M	155MD1D	163.44M	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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	20.64M	16.672M	20.46M	16.642M
6175MHz	Pass	Inf	20.76M	16.702M	20.34M	16.642M
6415MHz	Pass	Inf	20.37M	16.702M	20.46M	16.642M
6435MHz	Pass	Inf	20.52M	16.702M	20.46M	16.642M
6475MHz	Pass	Inf	20.55M	16.702M	20.22M	16.612M
6515MHz	Pass	Inf	20.64M	16.702M	20.46M	16.642M
6535MHz	Pass	Inf	20.55M	16.702M	20.49M	16.642M
6695MHz	Pass	Inf	20.28M	16.702M	20.43M	16.642M
6855MHz	Pass	Inf	20.73M	16.702M	20.55M	16.642M
6875MHz	Pass	Inf	20.61M	16.732M	20.64M	16.642M
6895MHz	Pass	Inf	20.73M	16.702M	20.4M	16.642M
6995MHz	Pass	Inf	20.55M	16.762M	20.4M	16.642M
7095MHz	Pass	Inf	20.58M	16.732M	20.34M	16.672M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	22.08M	19.19M	21.96M	19.13M
6175MHz	Pass	Inf	21.9M	19.16M	21.93M	19.16M
6415MHz	Pass	Inf	21.69M	19.1M	21.93M	19.13M
6435MHz	Pass	Inf	22.17M	19.16M	21.6M	19.13M
6475MHz	Pass	Inf	21.96M	19.13M	22.08M	19.1M
6515MHz	Pass	Inf	22.02M	19.1M	21.81M	19.13M
6535MHz	Pass	Inf	21.75M	19.1M	22.02M	19.13M
6695MHz	Pass	Inf	21.99M	19.13M	21.99M	19.13M
6855MHz	Pass	Inf	22.17M	19.1M	21.93M	19.13M
6875MHz	Pass	Inf	21.75M	19.13M	21.75M	19.13M
6895MHz	Pass	Inf	21.84M	19.13M	21.72M	19.1M
6995MHz	Pass	Inf	21.66M	19.13M	21.99M	19.16M
7095MHz	Pass	Inf	21.84M	19.1M	21.9M	19.13M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	40.2M	37.841M	40.2M	37.841M
6165MHz	Pass	Inf	40.5M	37.841M	40.38M	37.841M
6405MHz	Pass	Inf	40.38M	37.841M	40.5M	37.961M
6445MHz	Pass	Inf	40.56M	37.841M	40.56M	37.841M
6485MHz	Pass	Inf	40.5M	37.781M	40.32M	37.841M
6525MHz	Pass	Inf	40.32M	37.841M	40.32M	37.841M
6565MHz	Pass	Inf	40.62M	37.841M	40.14M	37.781M
6685MHz	Pass	Inf	40.38M	37.841M	40.26M	37.841M
6845MHz	Pass	Inf	40.26M	37.841M	40.56M	37.841M
6885MHz	Pass	Inf	40.62M	37.841M	40.44M	37.841M
6925MHz	Pass	Inf	40.5M	37.841M	40.56M	37.901M
7005MHz	Pass	Inf	40.62M	37.841M	40.68M	37.841M
7085MHz	Pass	Inf	40.32M	37.841M	40.38M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	82.8M	77.481M	81.72M	77.241M
6145MHz	Pass	Inf	81.96M	77.481M	82.32M	77.481M
6385MHz	Pass	Inf	82.2M	77.241M	82.32M	77.241M
6465MHz	Pass	Inf	82.08M	77.481M	82.08M	77.241M
6545MHz	Pass	Inf	81.84M	77.361M	82.44M	77.361M
6625MHz	Pass	Inf	82.56M	77.361M	81.6M	77.361M
6705MHz	Pass	Inf	82.08M	77.361M	81.84M	77.361M
6785MHz	Pass	Inf	82.32M	77.361M	82.2M	77.361M
6865MHz	Pass	Inf	82.32M	77.361M	82.56M	77.601M
6945MHz	Pass	Inf	81.72M	77.601M	81.48M	77.241M
7025MHz	Pass	Inf	81.84M	77.121M	81.96M	77.361M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6025MHz	Pass	Inf	164.64M	155.202M	163.44M	154.963M
6185MHz	Pass	Inf	163.92M	155.202M	164.16M	154.963M
6345MHz	Pass	Inf	163.68M	155.202M	165.12M	154.963M
6505MHz	Pass	Inf	164.64M	154.963M	163.92M	154.963M
6665MHz	Pass	Inf	165.12M	154.963M	165.6M	155.202M
6825MHz	Pass	Inf	163.92M	155.202M	165.12M	154.963M
6985MHz	Pass	Inf	163.92M	154.723M	163.44M	154.483M

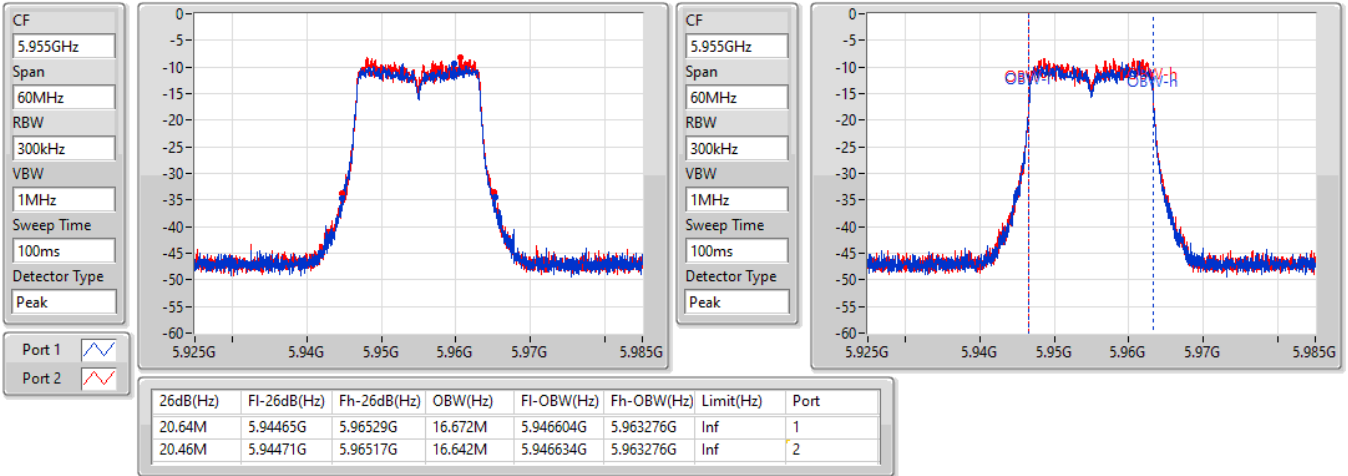
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5955MHz

01/10/2021

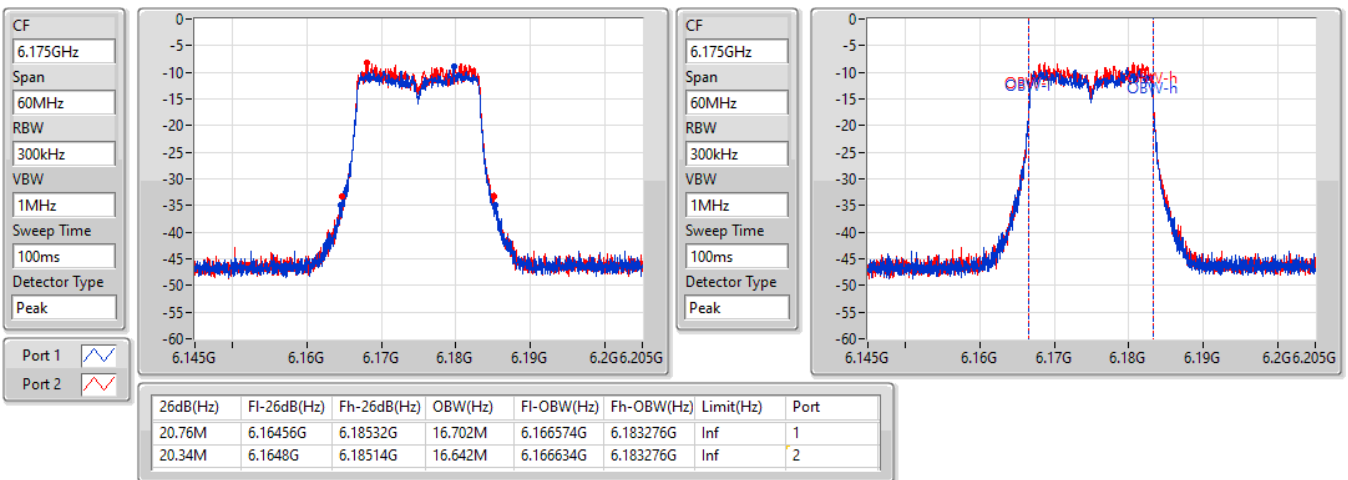


802.11a_Nss1,(6Mbps)_2TX

EBW

6175MHz

01/10/2021

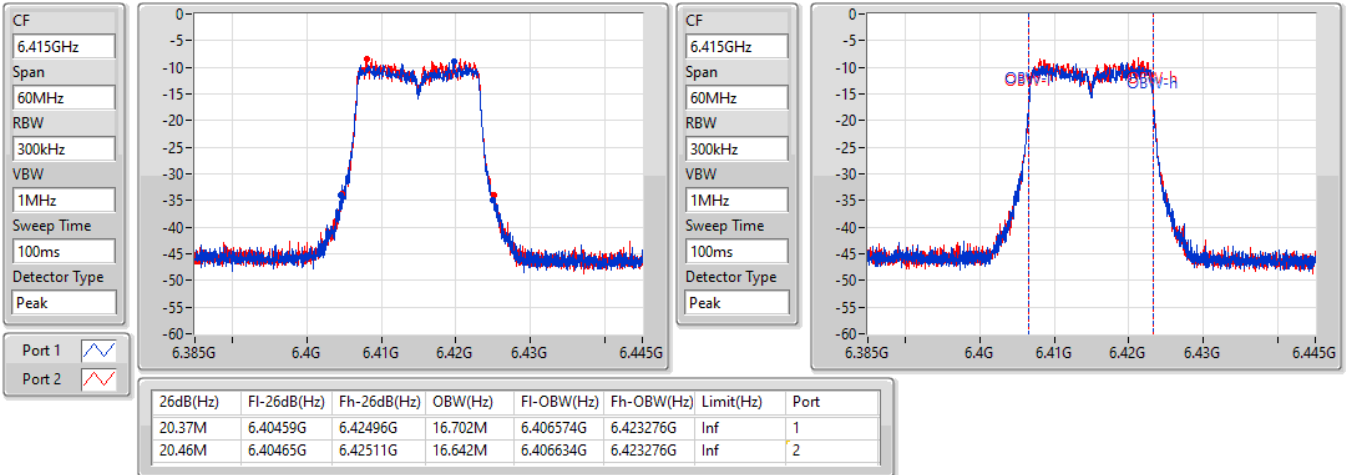


802.11a_Nss1,(6Mbps)_2TX

EBW

6415MHz

01/10/2021

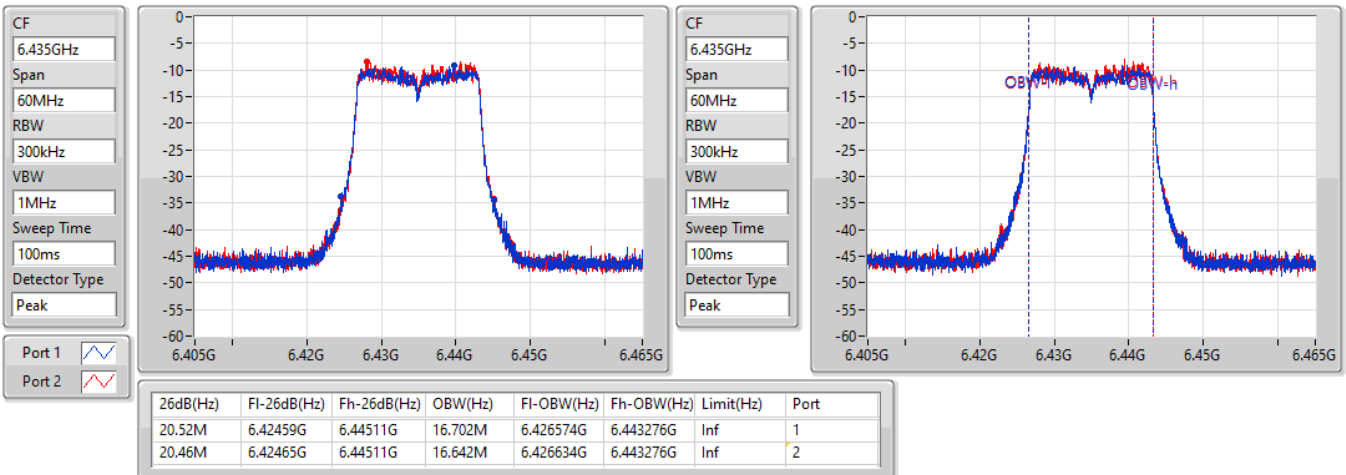


802.11a_Nss1,(6Mbps)_2TX

EBW

6435MHz

01/10/2021

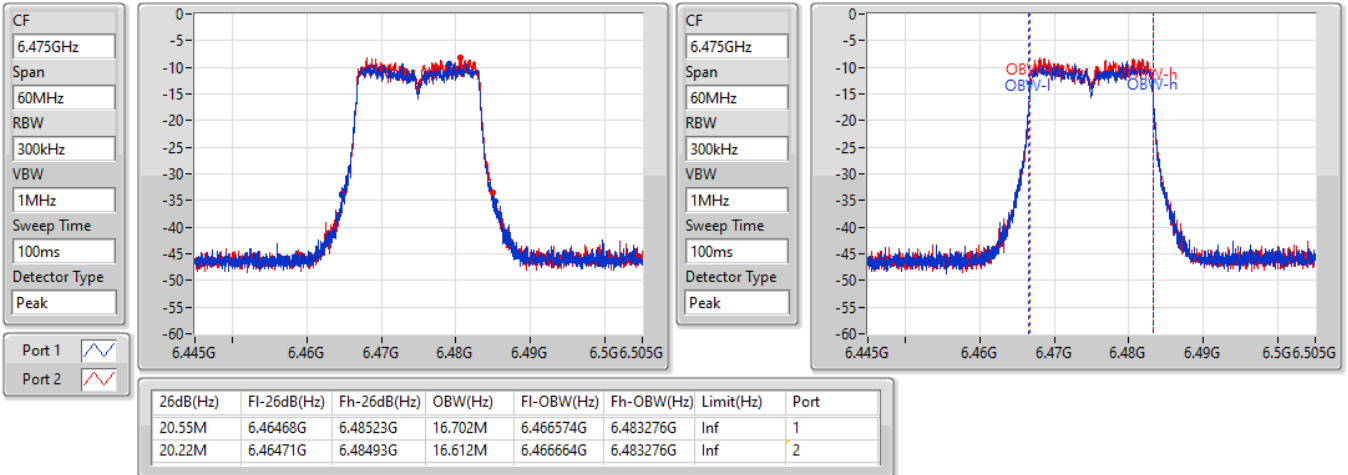


802.11a_Nss1,(6Mbps)_2TX

EBW

6475MHz

01/10/2021

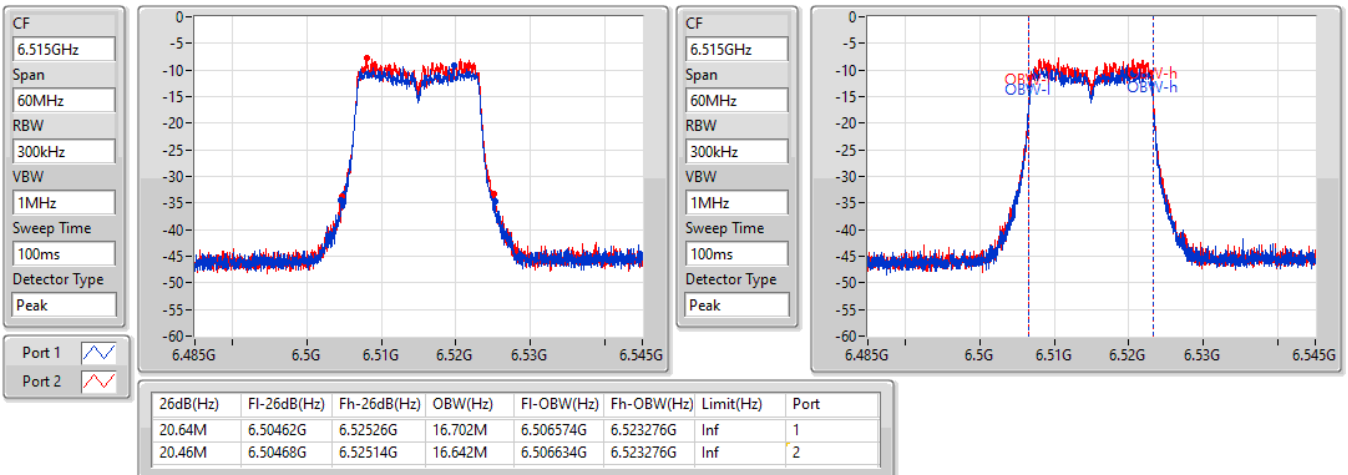


802.11a_Nss1,(6Mbps)_2TX

EBW

6515MHz

01/10/2021

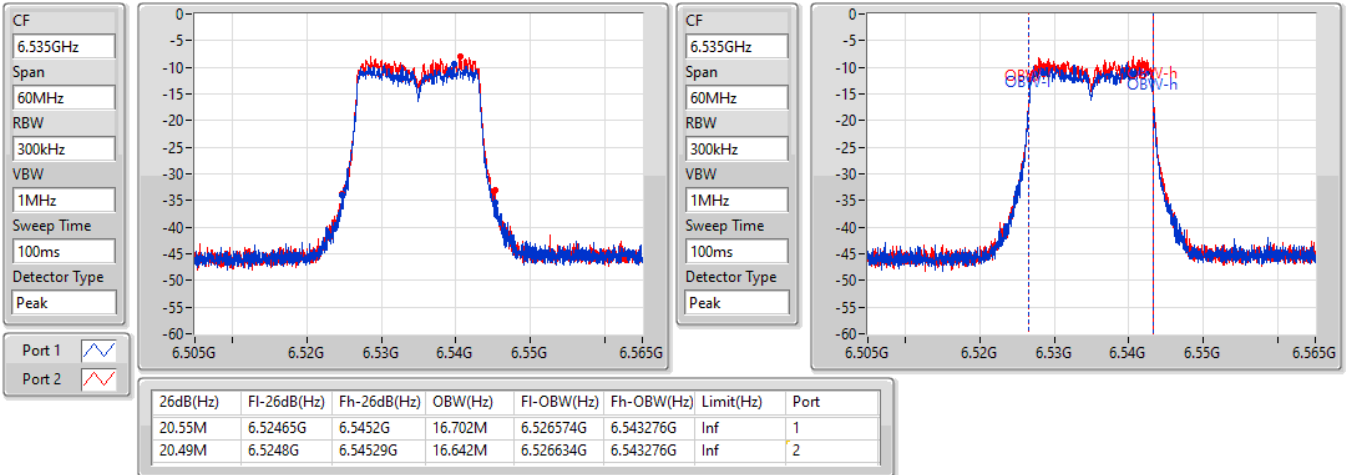


802.11a_Nss1,(6Mbps)_2TX

EBW

6535MHz

01/10/2021

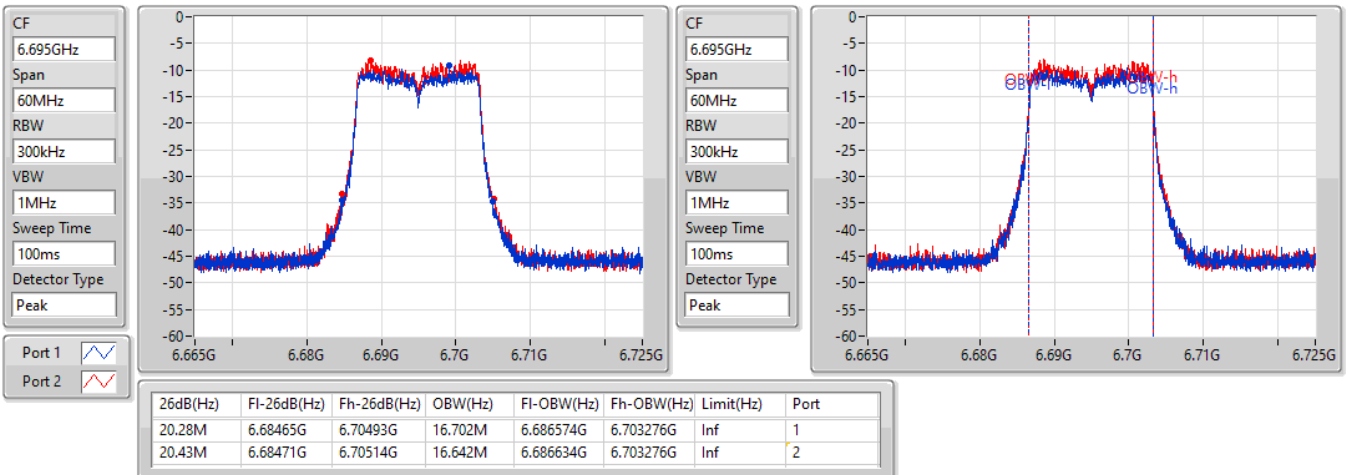


802.11a_Nss1,(6Mbps)_2TX

EBW

6695MHz

01/10/2021



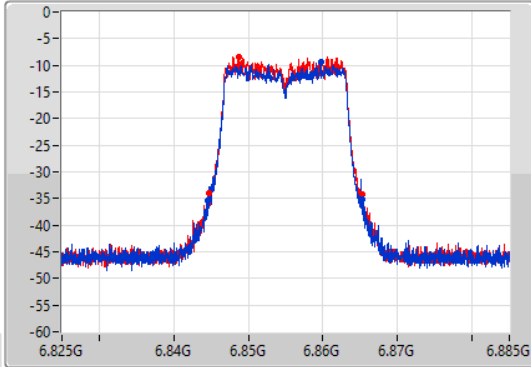
802.11a_Nss1,(6Mbps)_2TX

EBW

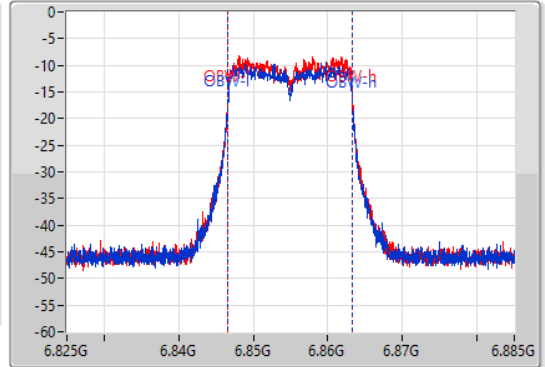
6855MHz

01/10/2021

CF
6.855GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.855GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	6.84459G	6.86532G	16.702M	6.846574G	6.863276G	Inf	1
20.55M	6.84468G	6.86523G	16.642M	6.846634G	6.863276G	Inf	2

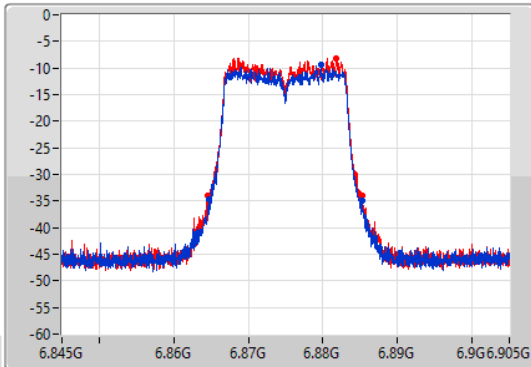
802.11a_Nss1,(6Mbps)_2TX

EBW

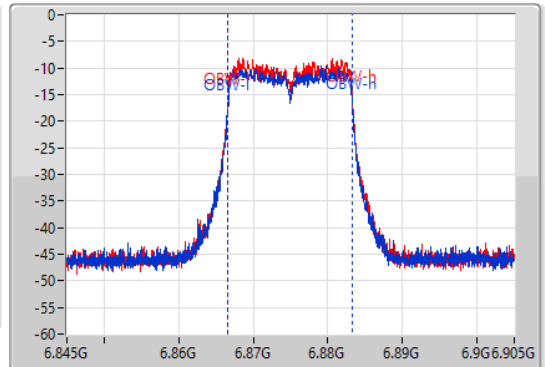
6875MHz

01/10/2021

CF
6.875GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.875GHz
Span
60MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



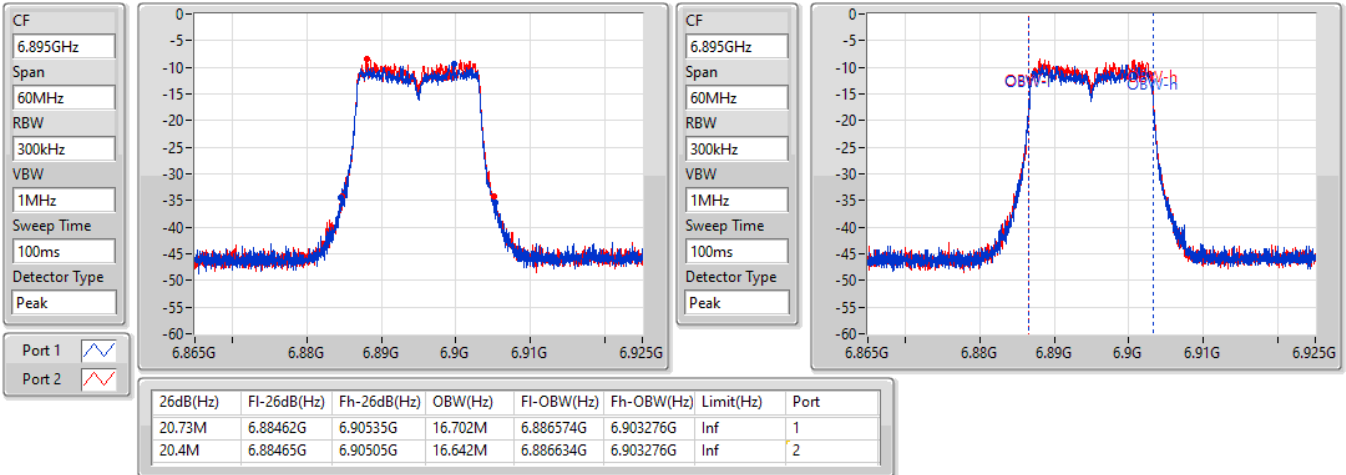
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	6.86471G	6.88532G	16.732M	6.866544G	6.883276G	Inf	1
20.64M	6.86462G	6.88526G	16.642M	6.866634G	6.883276G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

6895MHz

01/10/2021

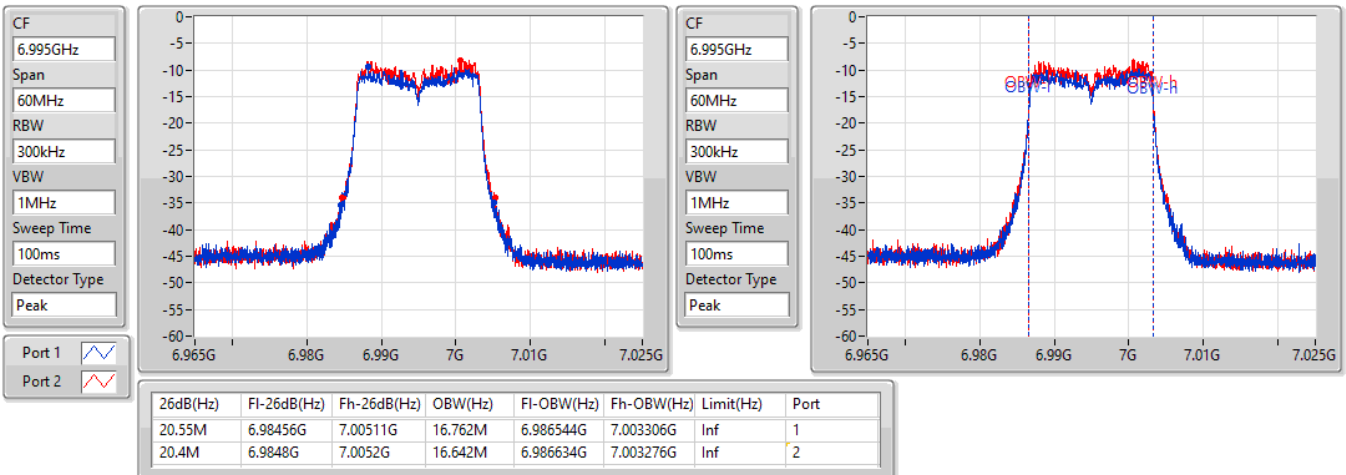


802.11a_Nss1,(6Mbps)_2TX

EBW

6995MHz

01/10/2021

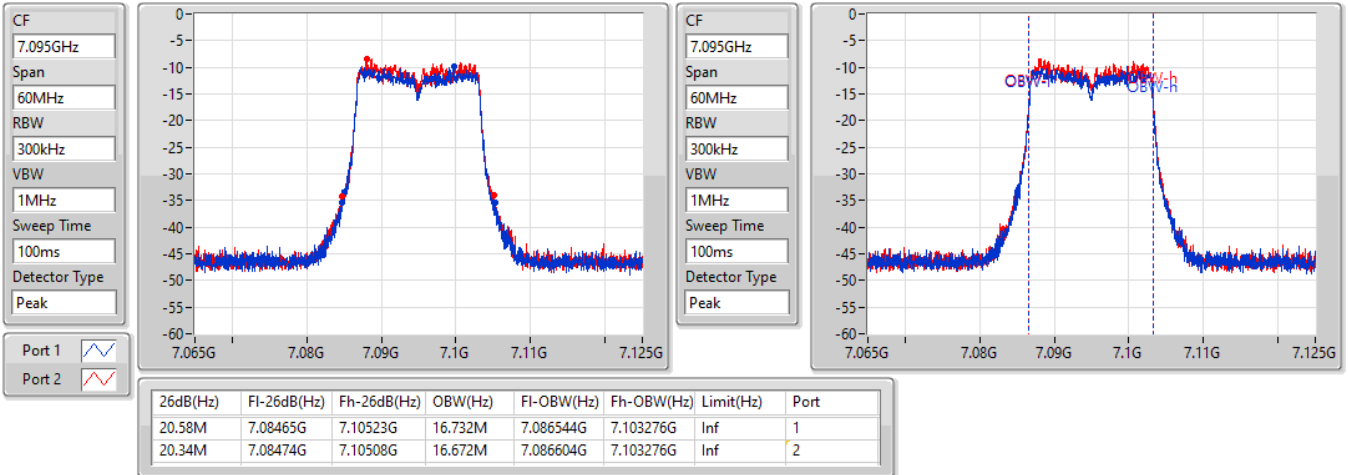


802.11a_Nss1,(6Mbps)_2TX

EBW

7095MHz

01/10/2021

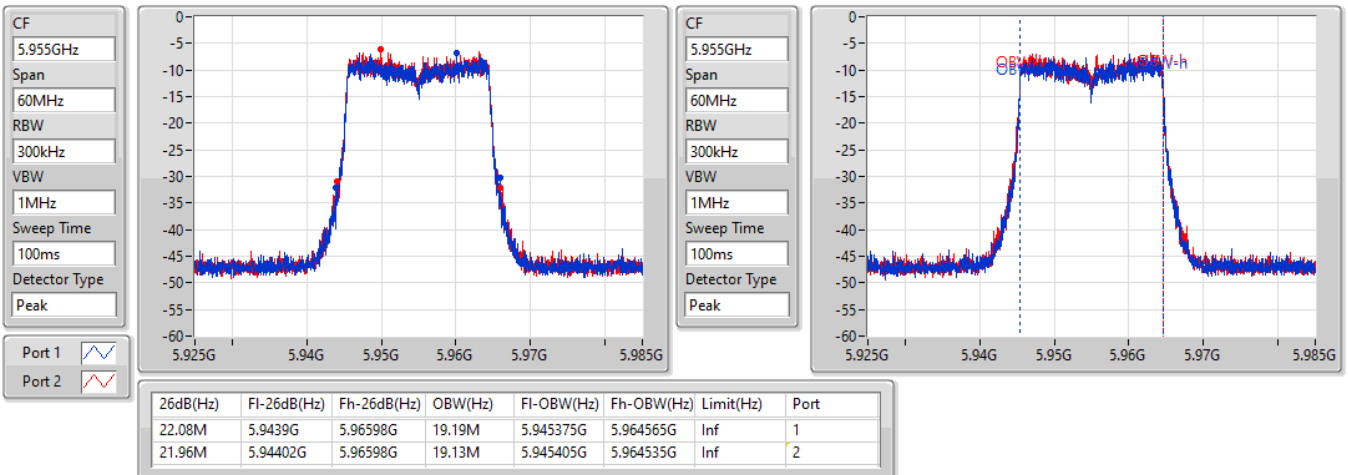


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5955MHz

01/10/2021

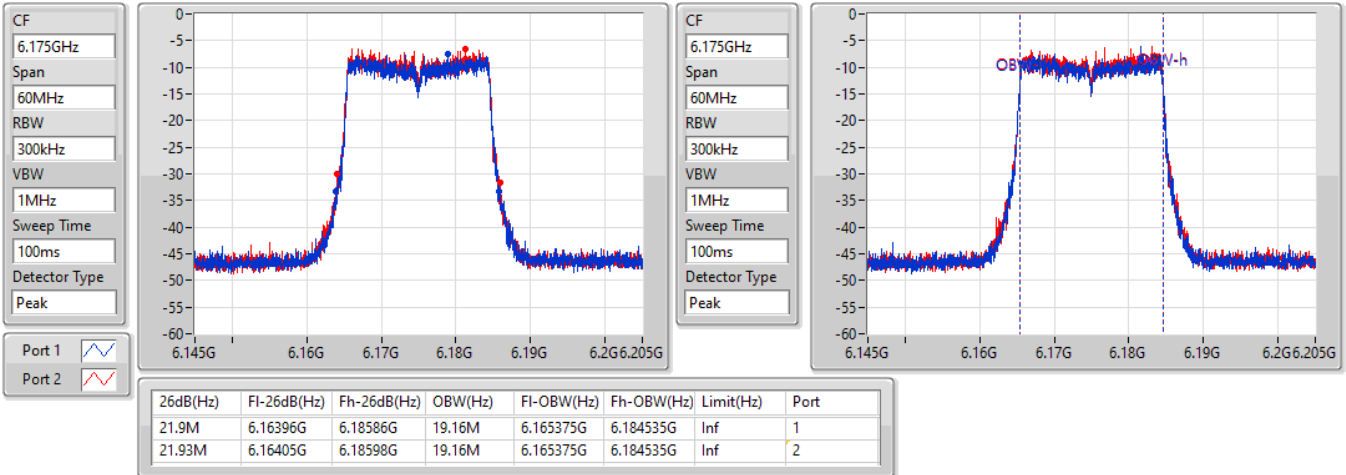


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6175MHz

01/10/2021

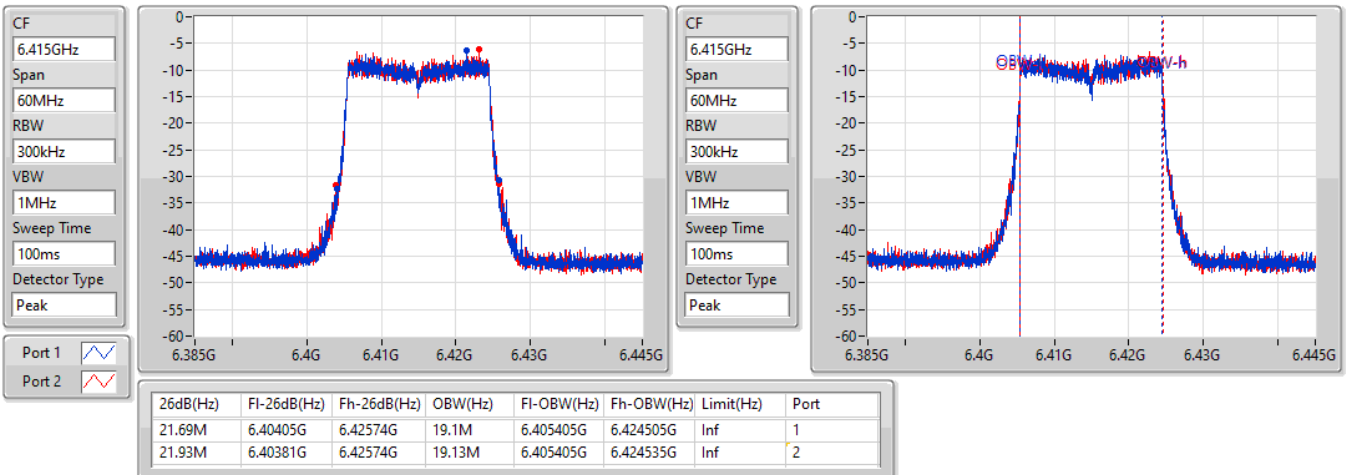


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6415MHz

01/10/2021

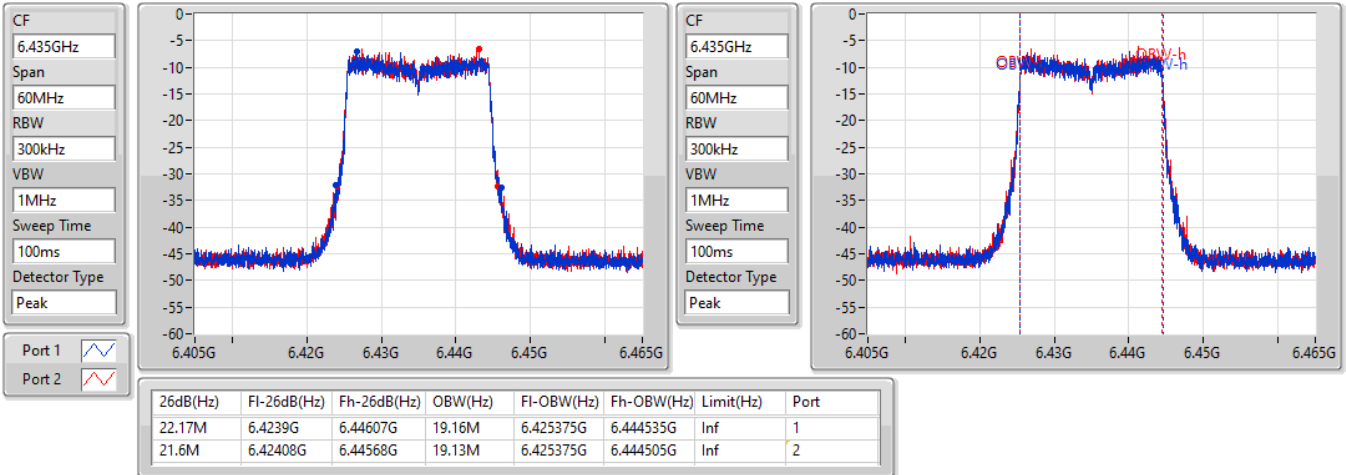


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6435MHz

01/10/2021

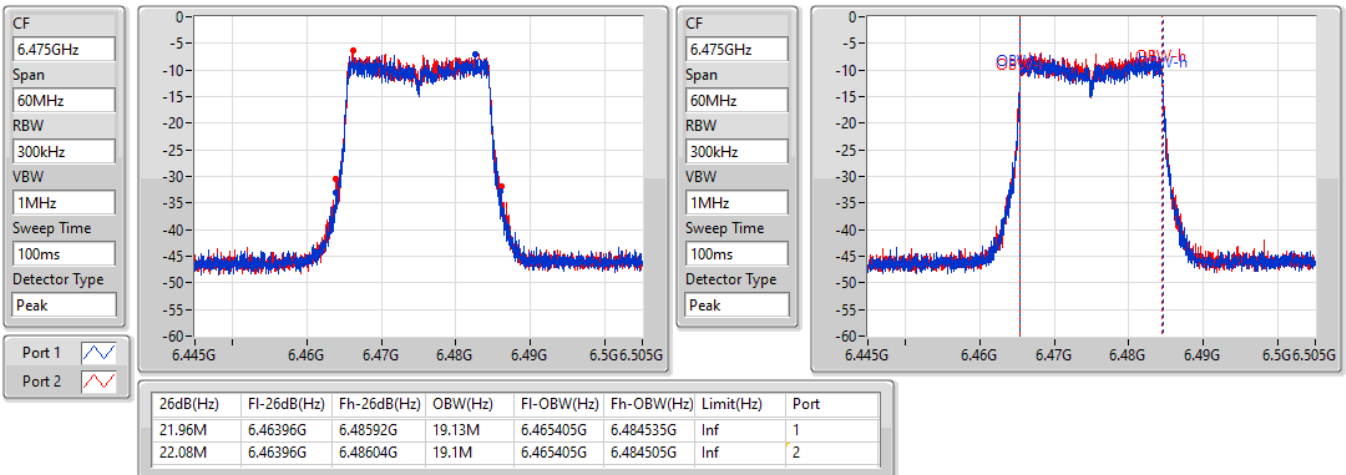


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6475MHz

01/10/2021

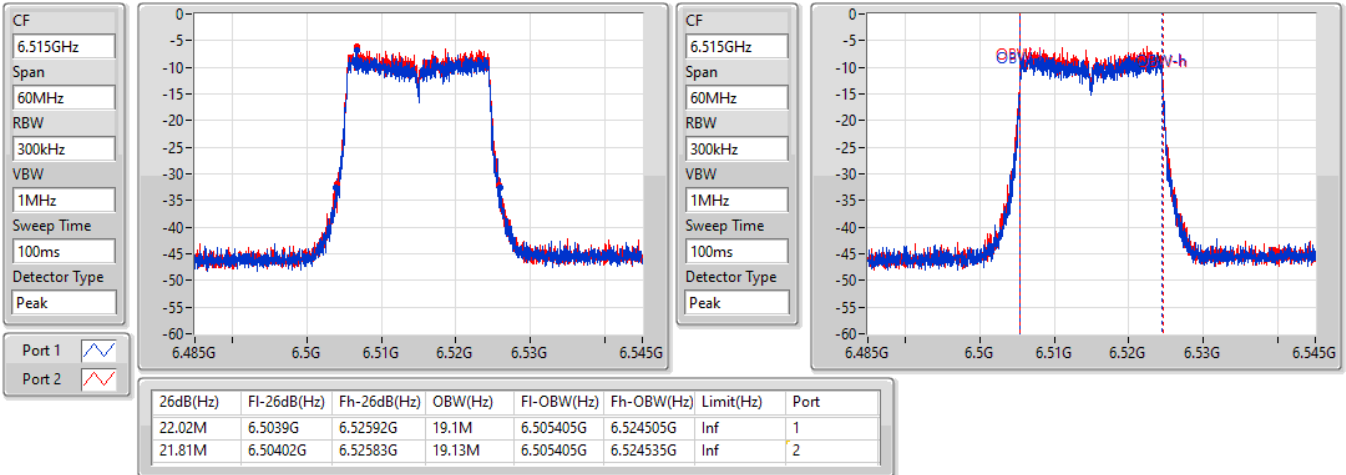


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6515MHz

01/10/2021

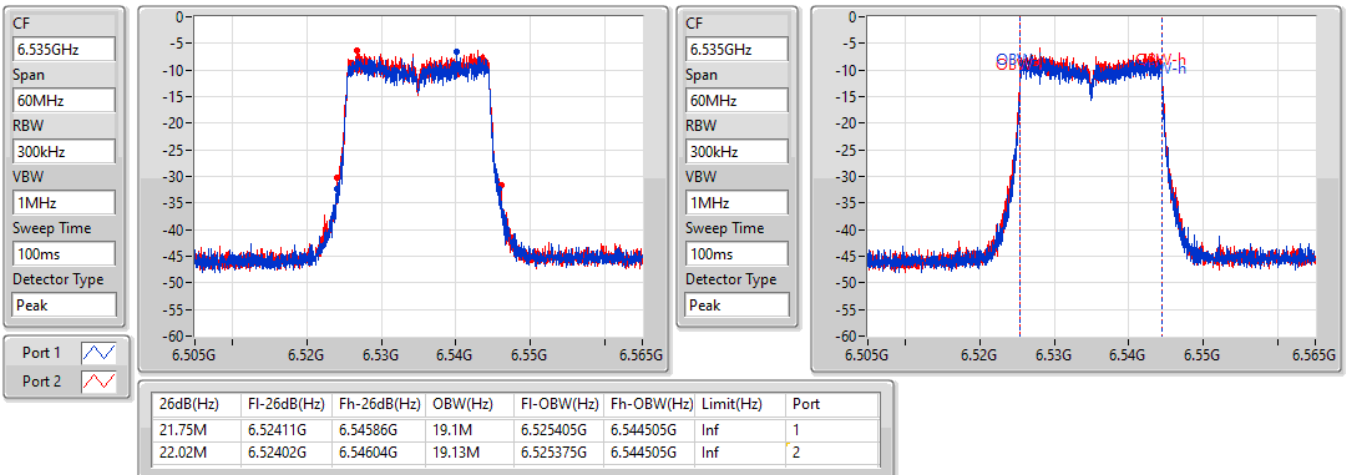


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6535MHz

01/10/2021

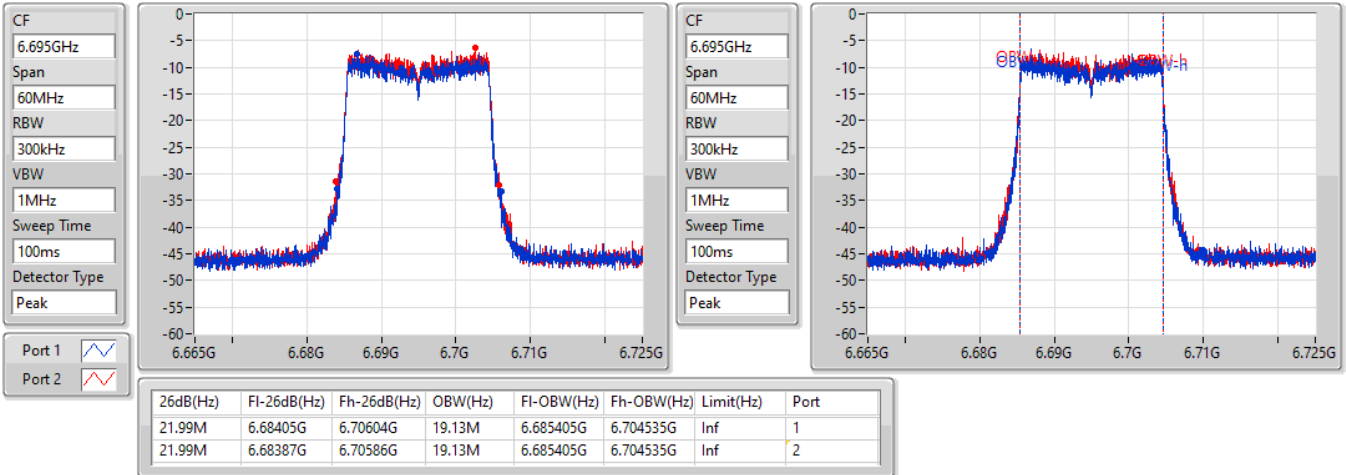


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6695MHz

01/10/2021

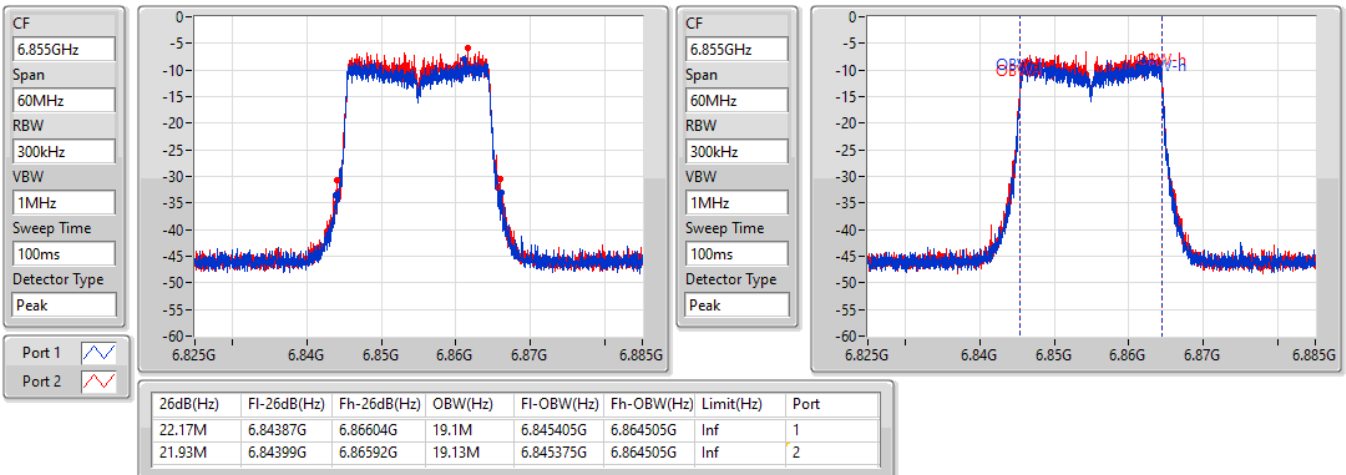


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6855MHz

01/10/2021

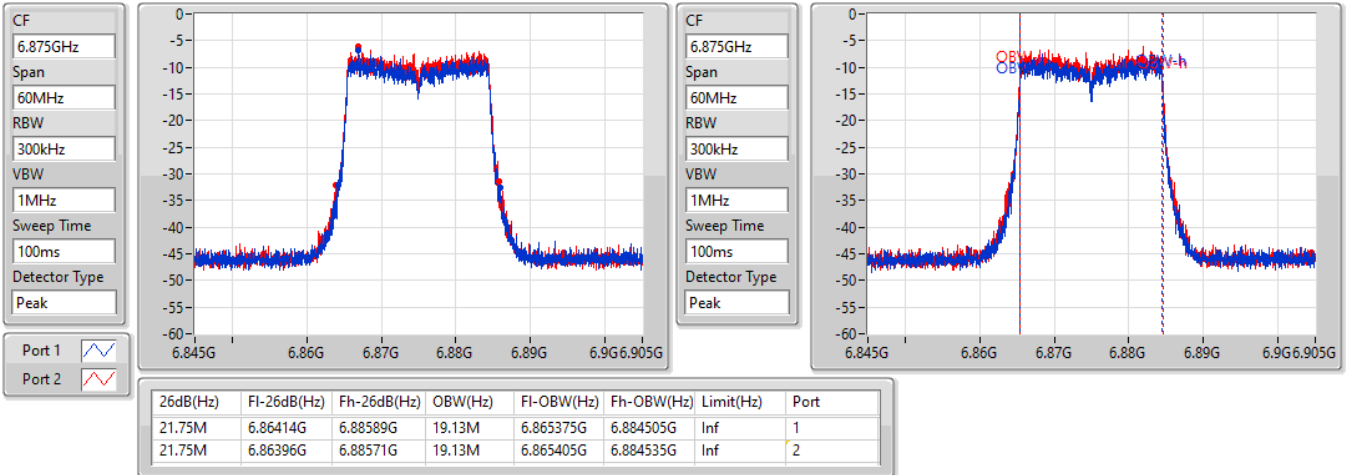


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6875MHz

01/10/2021

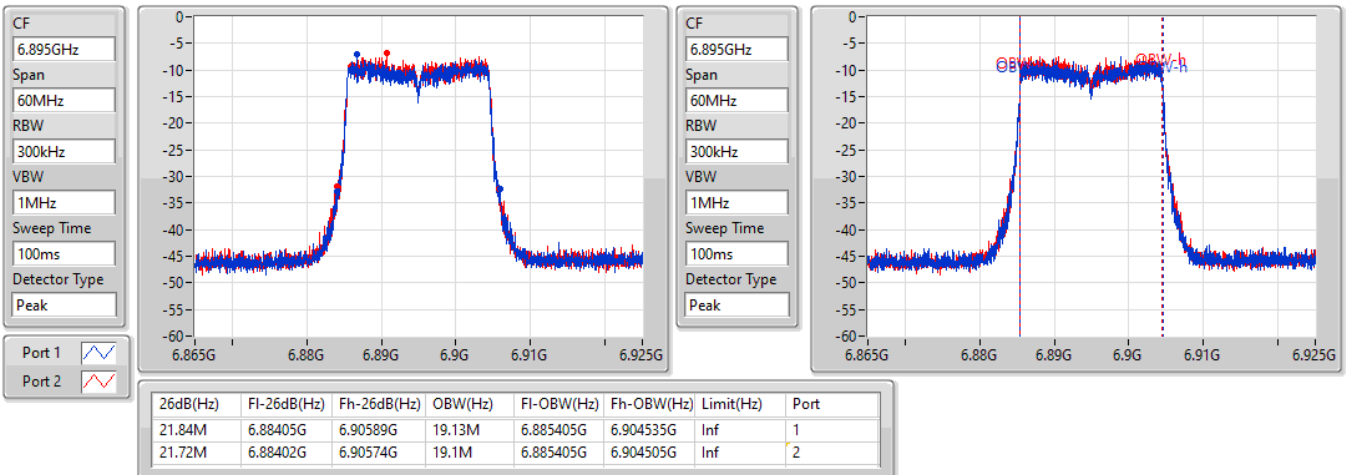


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6895MHz

01/10/2021

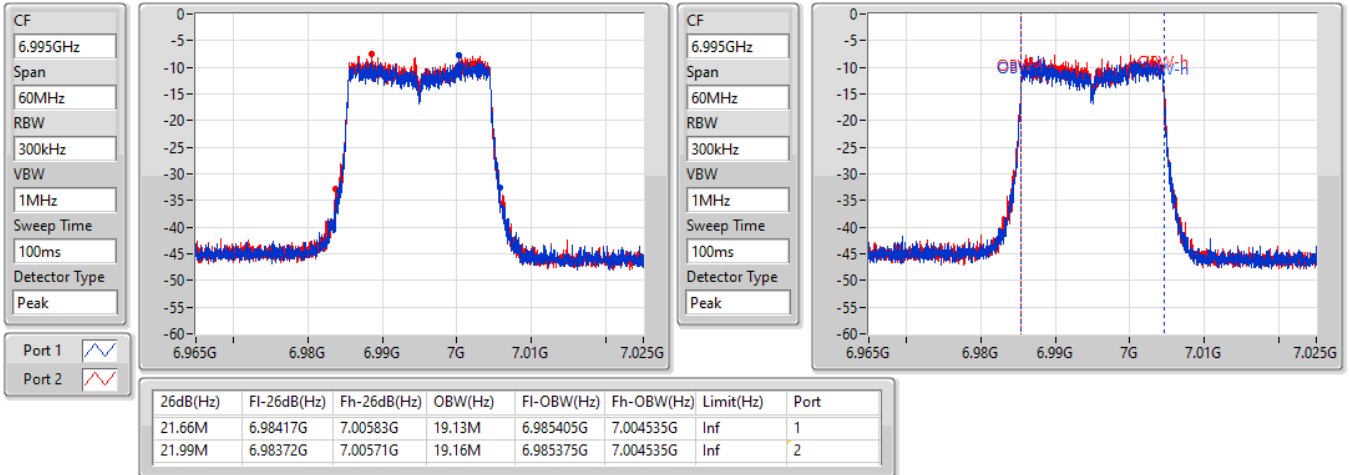


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

6995MHz

01/10/2021

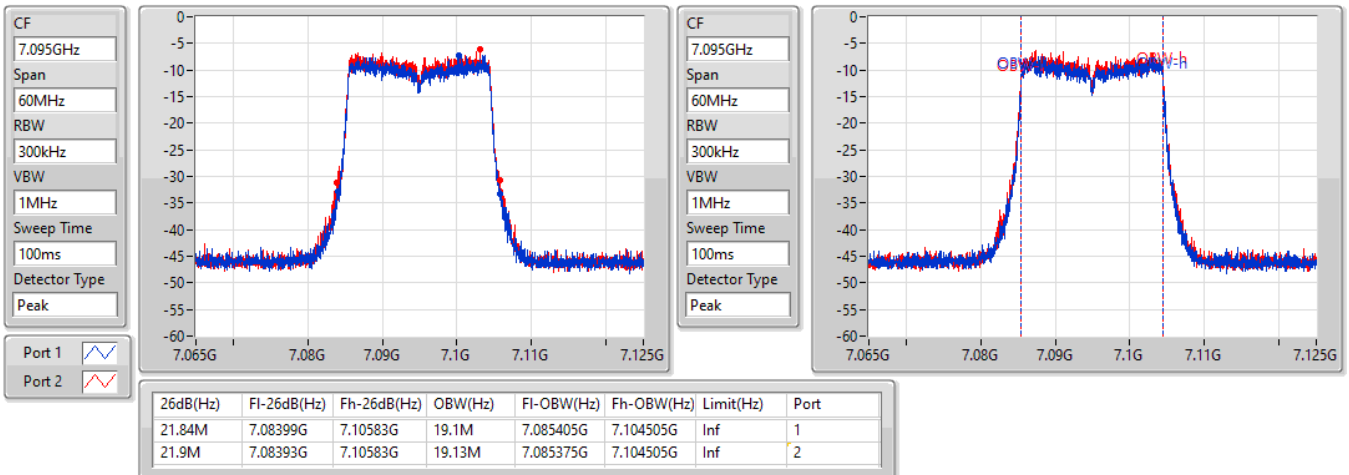


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

7095MHz

01/10/2021



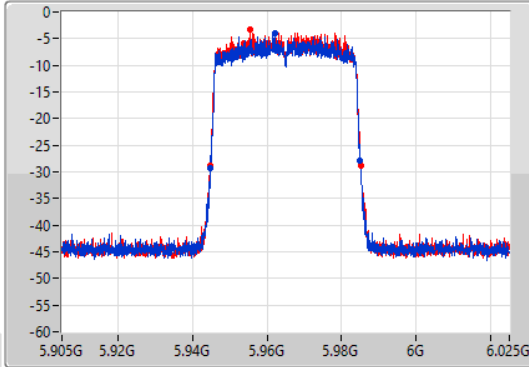
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

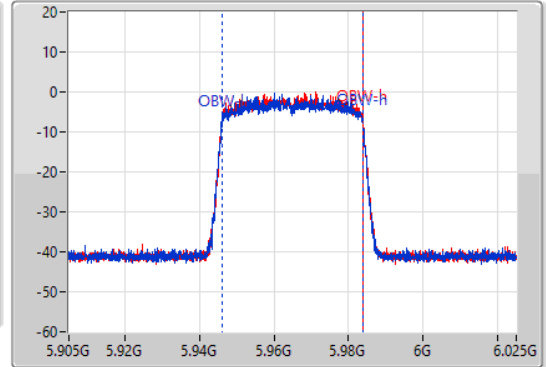
5965MHz

01/10/2021

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



CF
5.965GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.94484G	5.98504G	37.841M	5.946049G	5.983891G	Inf	1
40.2M	5.9449G	5.9851G	37.841M	5.946049G	5.983891G	Inf	2

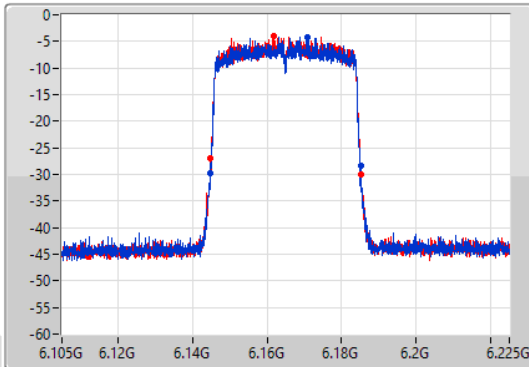
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

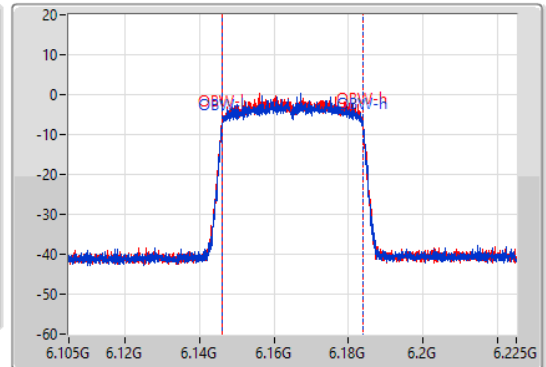
6165MHz

01/10/2021

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



CF
6.165GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



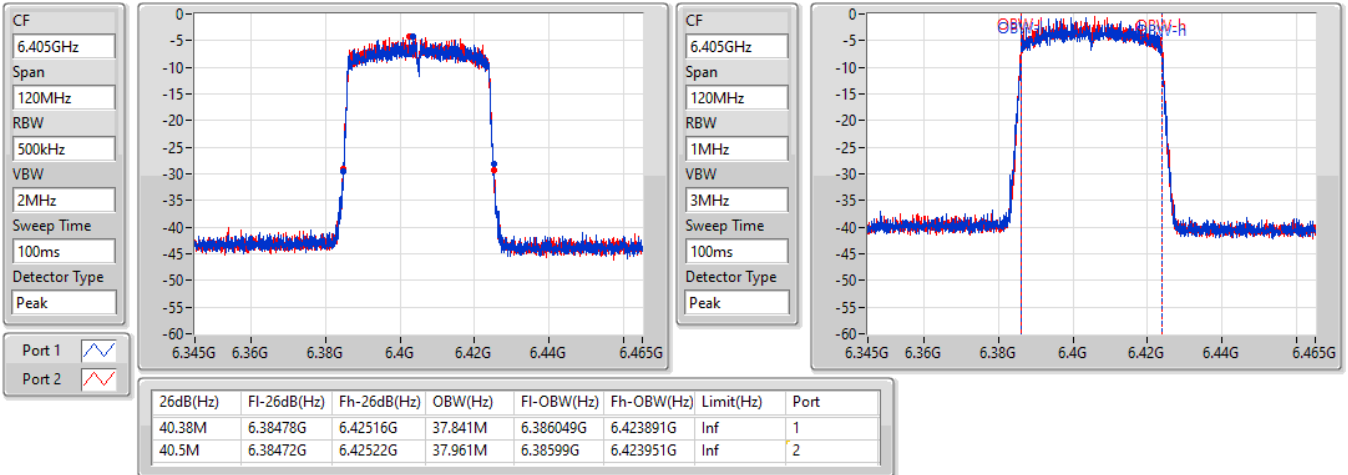
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	6.14478G	6.18528G	37.841M	6.146049G	6.183891G	Inf	1
40.38M	6.14478G	6.18516G	37.841M	6.146049G	6.183891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6405MHz

01/10/2021

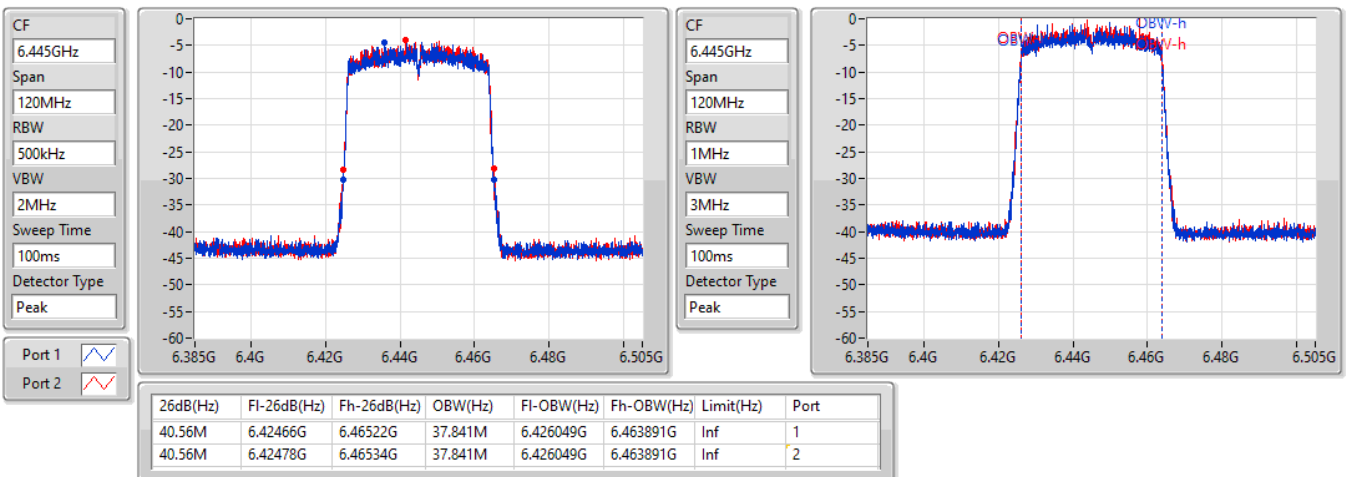


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6445MHz

01/10/2021



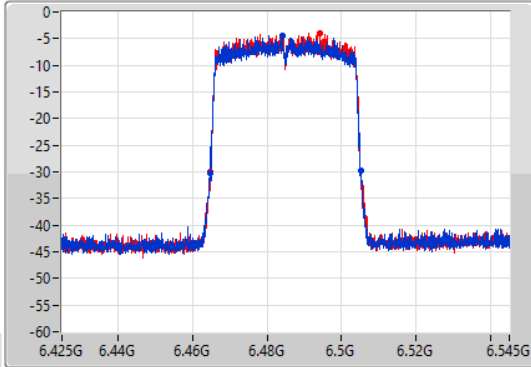
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

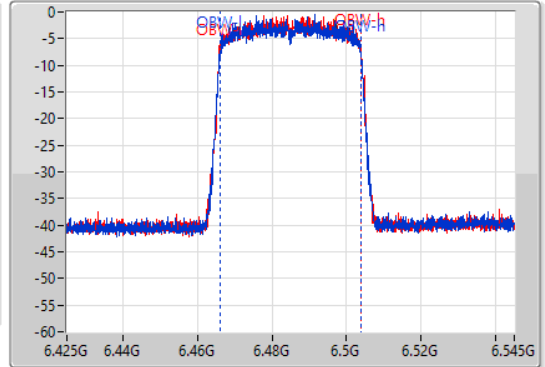
6485MHz

01/10/2021

CF
6.485GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.485GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	6.46466G	6.50516G	37.781M	6.466049G	6.503831G	Inf	1
40.32M	6.46478G	6.5051G	37.841M	6.466049G	6.503891G	Inf	2

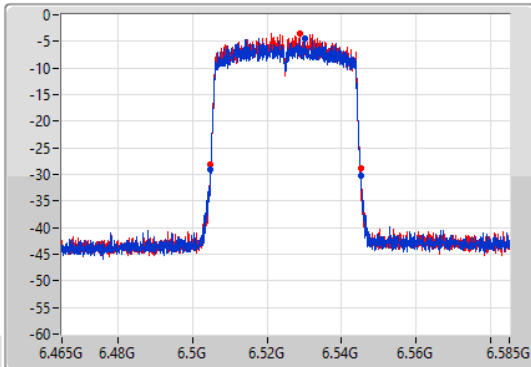
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

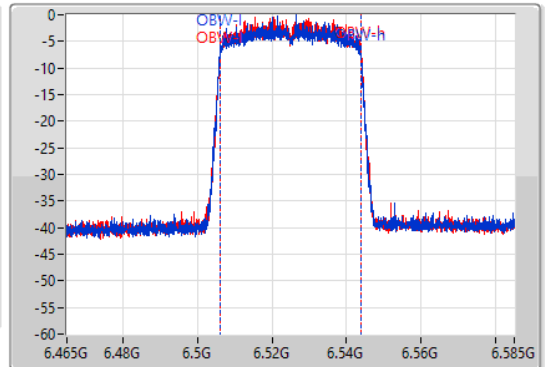
6525MHz

01/10/2021

CF
6.525GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.525GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



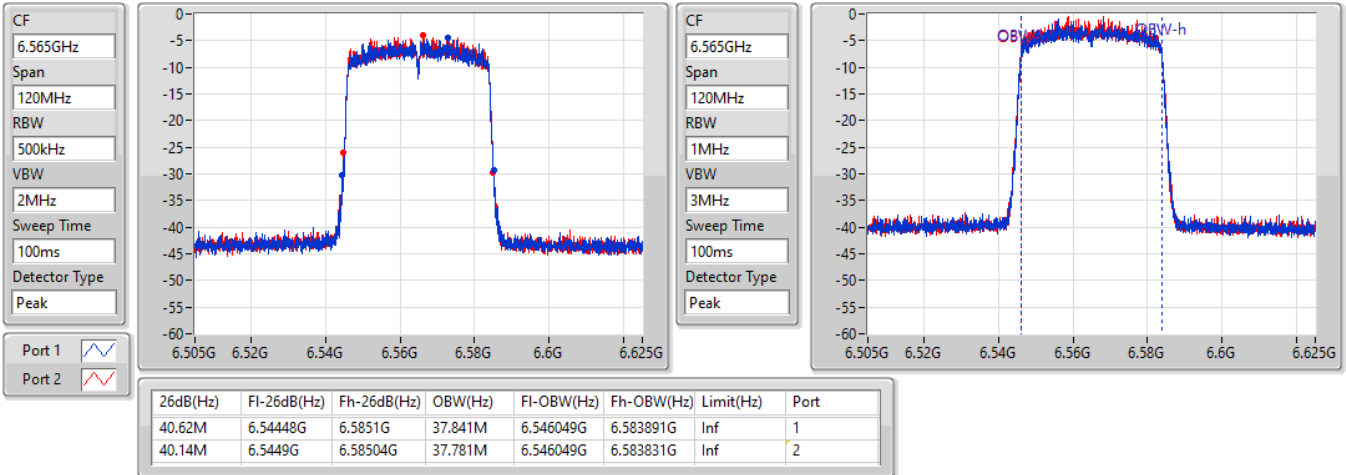
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	6.50478G	6.5451G	37.841M	6.506049G	6.543891G	Inf	1
40.32M	6.5049G	6.54522G	37.841M	6.50599G	6.543831G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6565MHz

01/10/2021

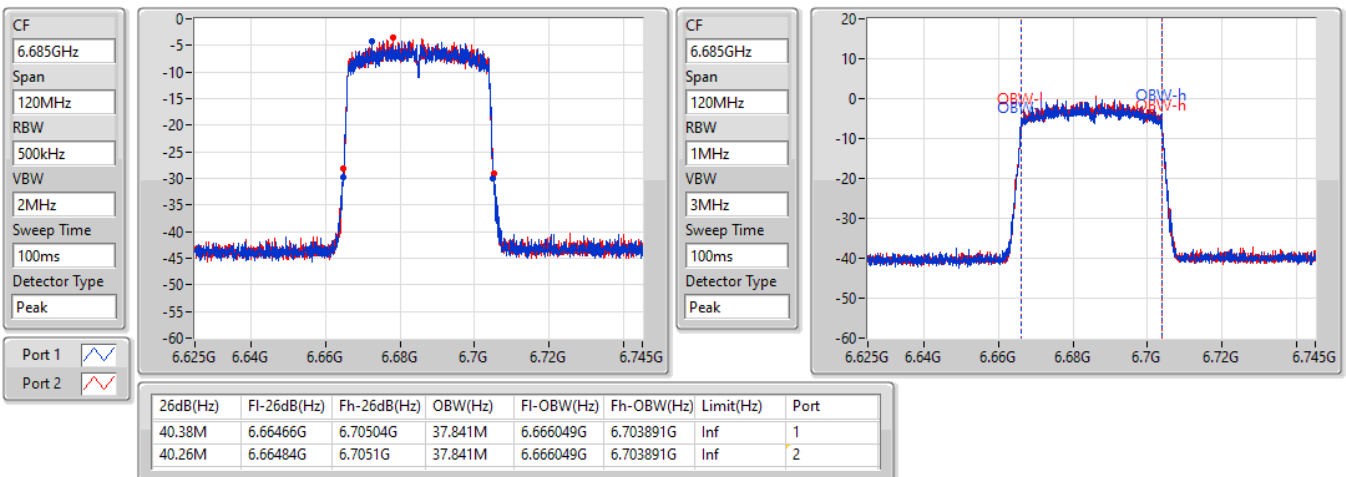


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6685MHz

01/10/2021

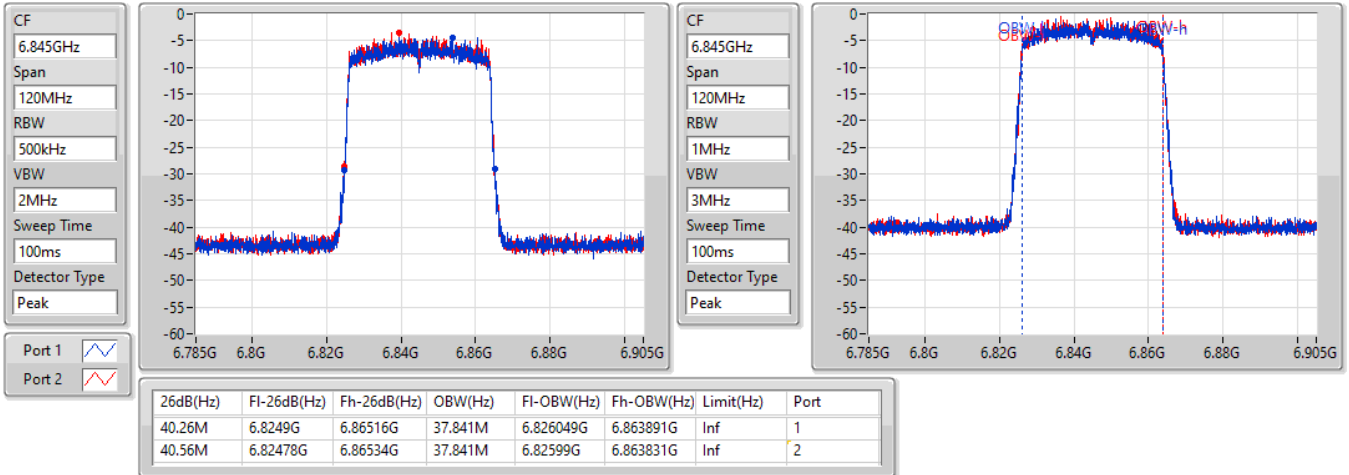


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6845MHz

01/10/2021

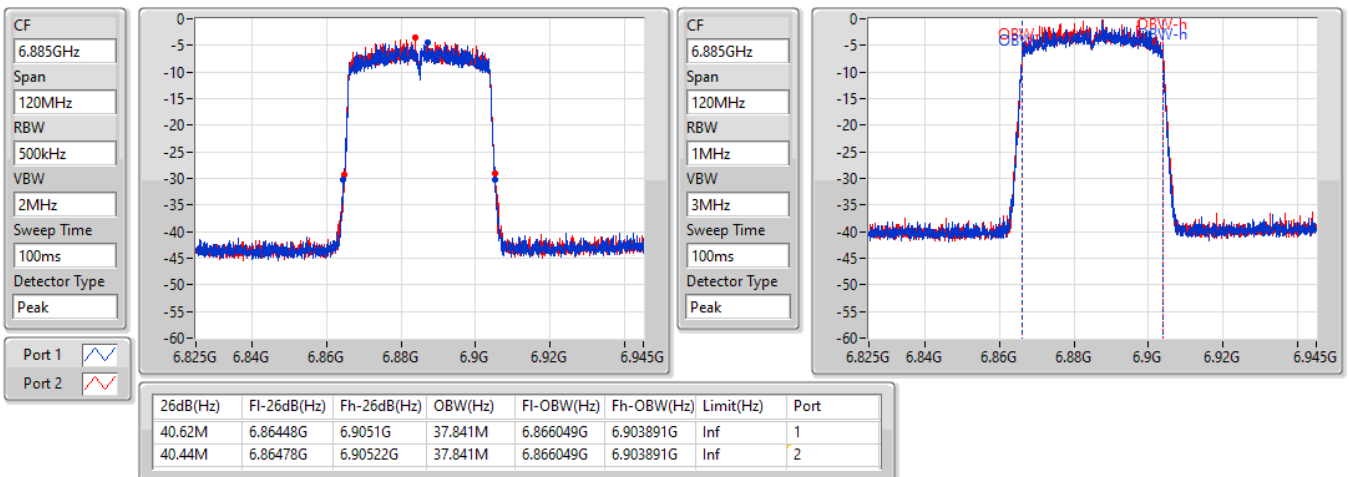


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6885MHz

01/10/2021

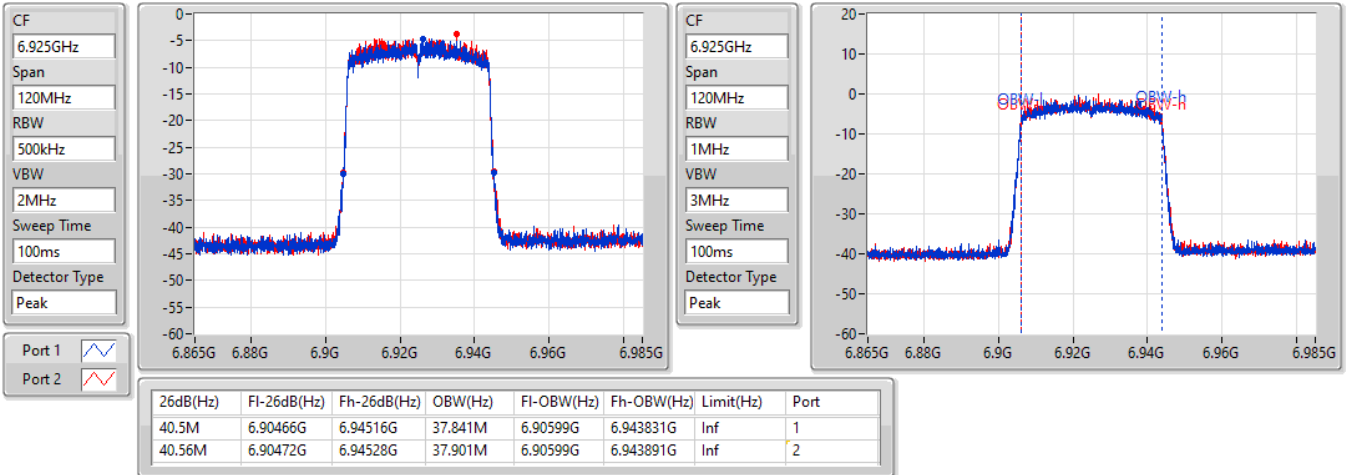


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6925MHz

01/10/2021

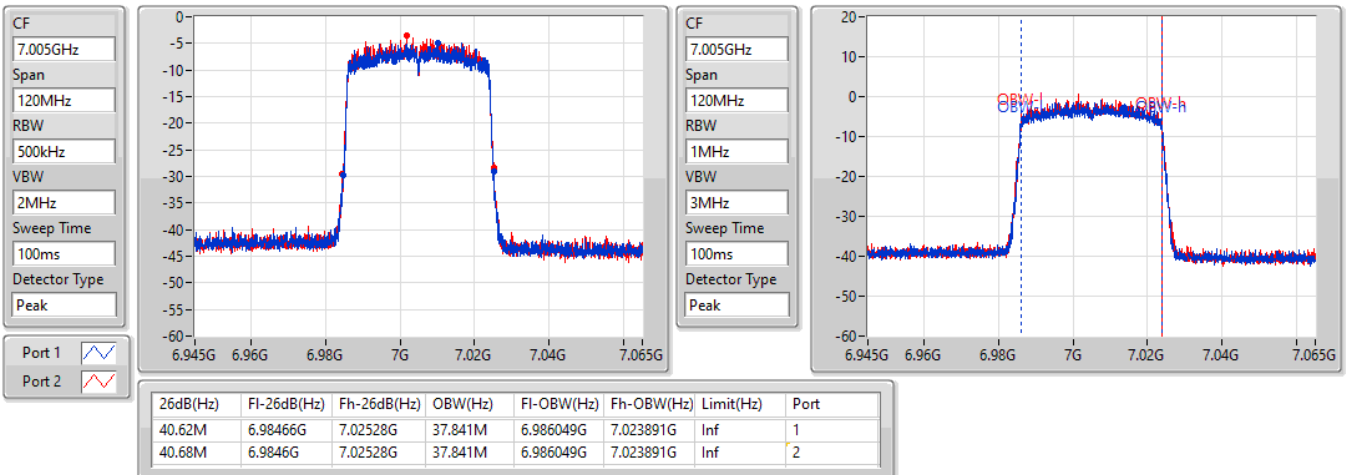


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

7005MHz

01/10/2021



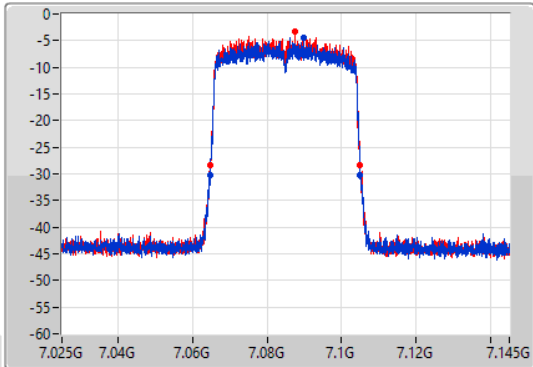
802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

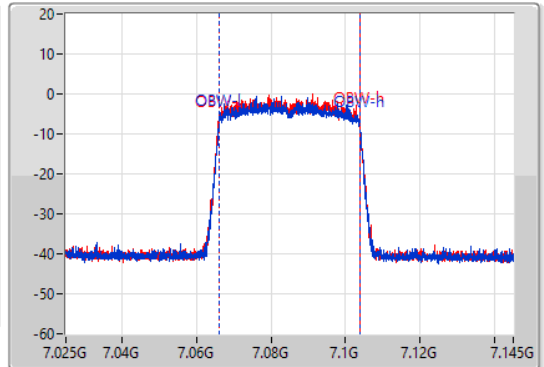
7085MHz

01/10/2021

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



CF
7.085GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	7.06472G	7.10504G	37.841M	7.066049G	7.103891G	Inf	1
40.38M	7.06466G	7.10504G	37.841M	7.06599G	7.103831G	Inf	2

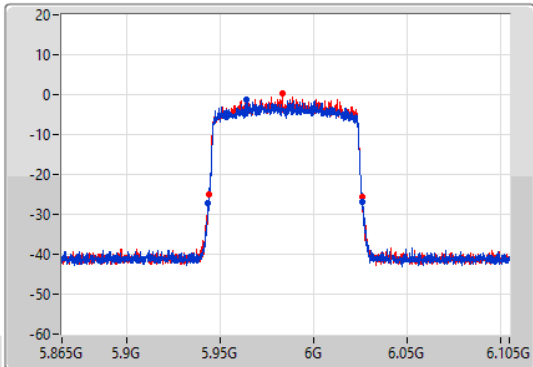
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

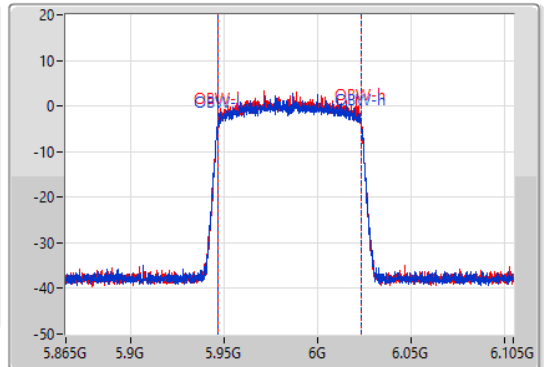
5985MHz

01/10/2021

CF
5.985GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.985GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



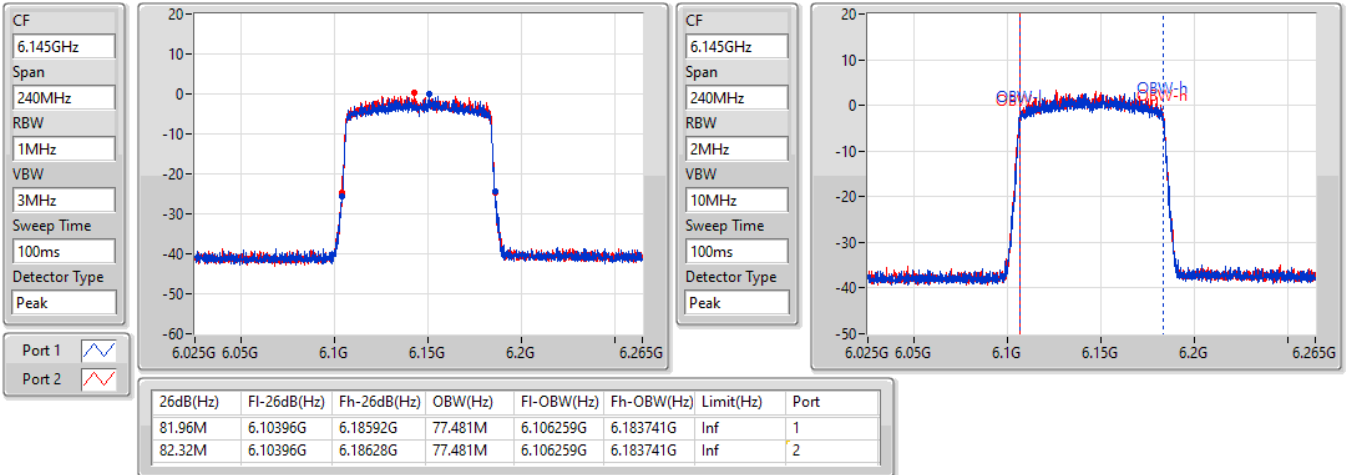
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.94348G	6.02628G	77.481M	5.946259G	6.023741G	Inf	1
81.72M	5.94408G	6.0258G	77.241M	5.946379G	6.023621G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6145MHz

01/10/2021

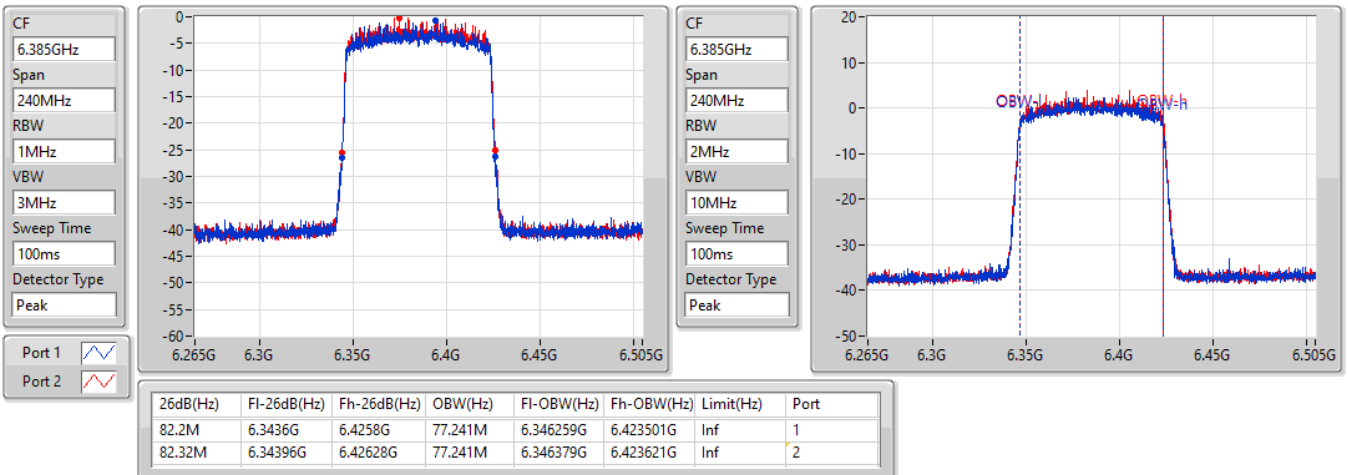


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6385MHz

01/10/2021



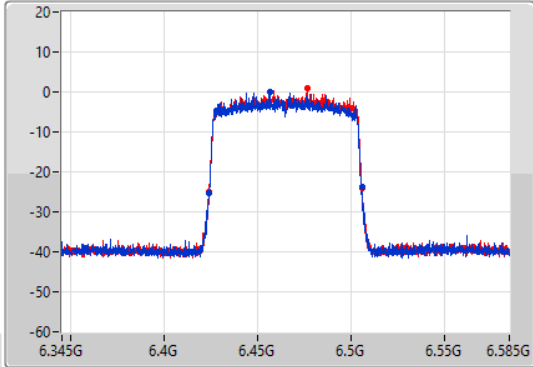
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

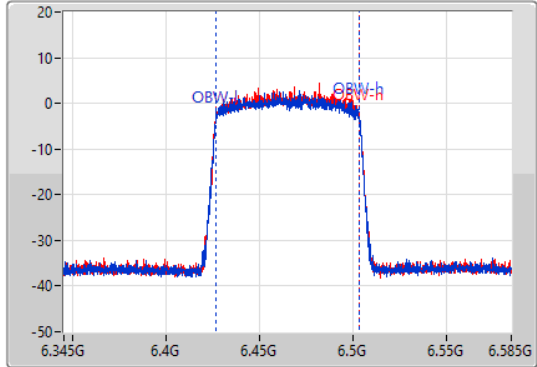
6465MHz

01/10/2021

CF
6.465GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.465GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	6.42384G	6.50592G	77.481M	6.426259G	6.503741G	Inf	1
82.08M	6.42384G	6.50592G	77.241M	6.426379G	6.503621G	Inf	2

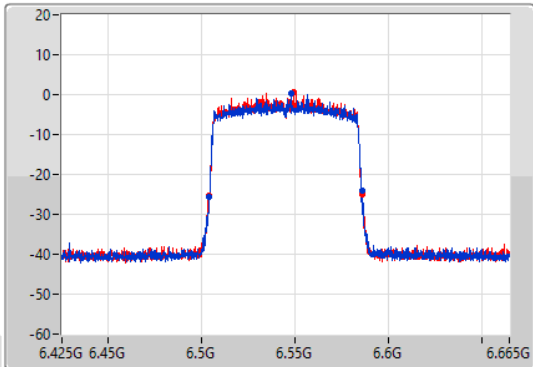
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

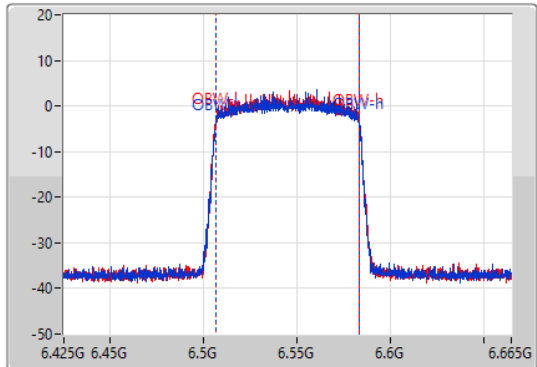
6545MHz

01/10/2021

CF
6.545GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.545GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



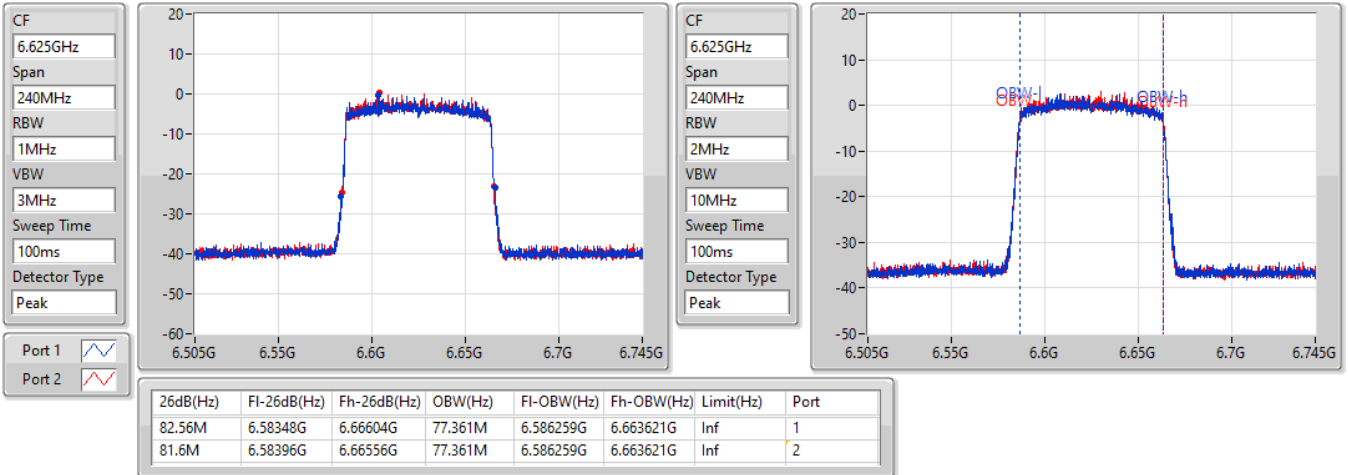
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.50408G	6.58592G	77.361M	6.506259G	6.583621G	Inf	1
82.44M	6.5036G	6.58604G	77.361M	6.506259G	6.583621G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6625MHz

01/10/2021

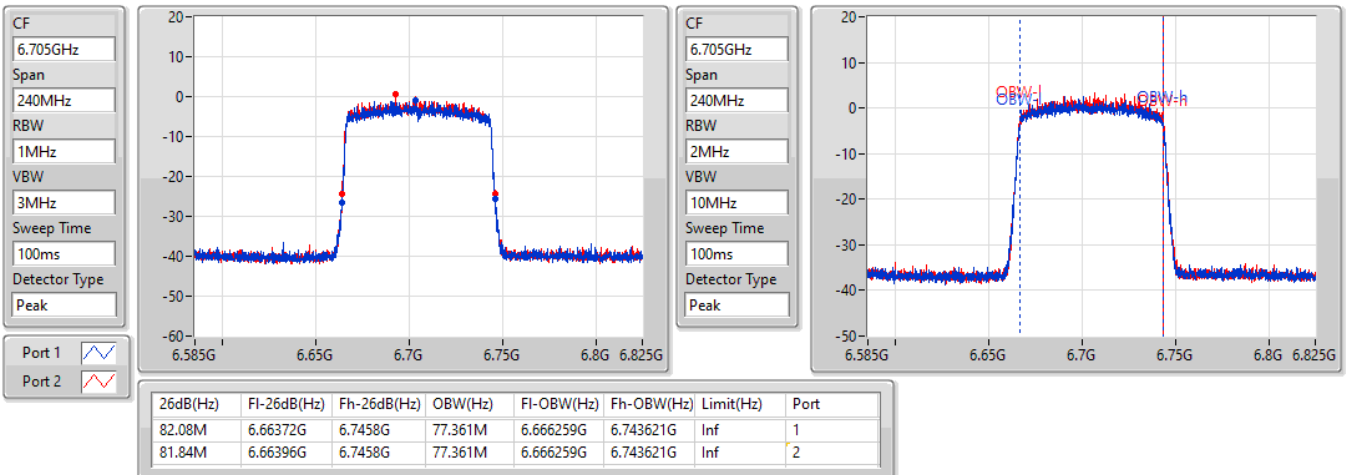


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

6705MHz

01/10/2021



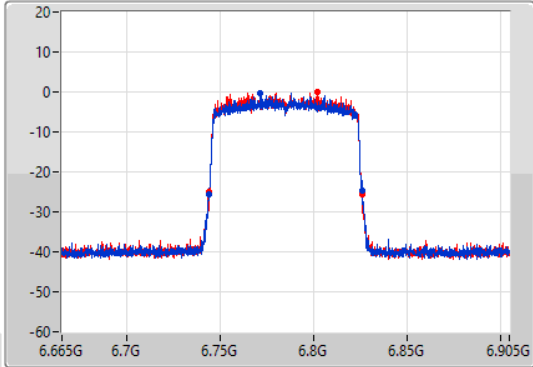
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

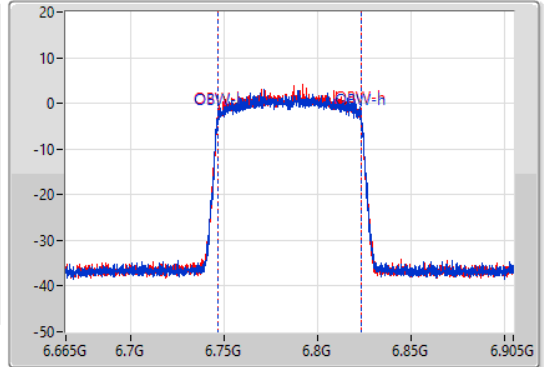
6785MHz

01/10/2021

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



CF
6.785GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	6.7436G	6.82592G	77.361M	6.746259G	6.823621G	Inf	1
82.2M	6.74372G	6.82592G	77.361M	6.746259G	6.823621G	Inf	2

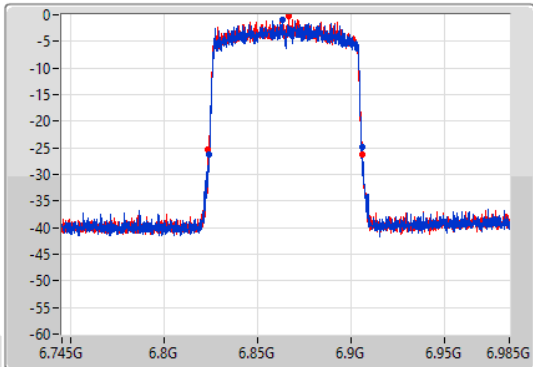
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

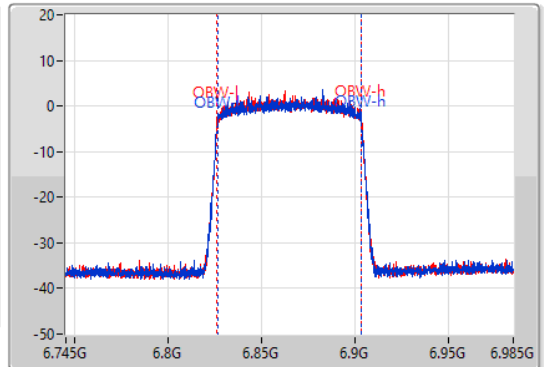
6865MHz

01/10/2021

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



CF
6.865GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	6.82372G	6.90604G	77.361M	6.826259G	6.903621G	Inf	1
82.56M	6.82336G	6.90592G	77.601M	6.826139G	6.903741G	Inf	2

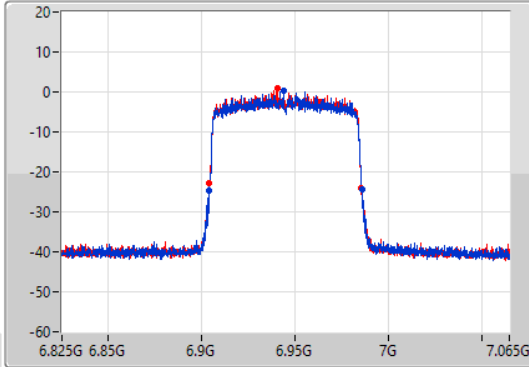
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

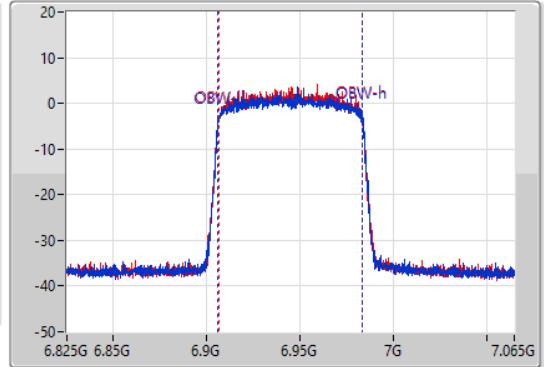
6945MHz

01/10/2021

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



CF
6.945GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	6.9042G	6.98592G	77.601M	6.906139G	6.983741G	Inf	1
81.48M	6.9042G	6.98568G	77.241M	6.906259G	6.983501G	Inf	2

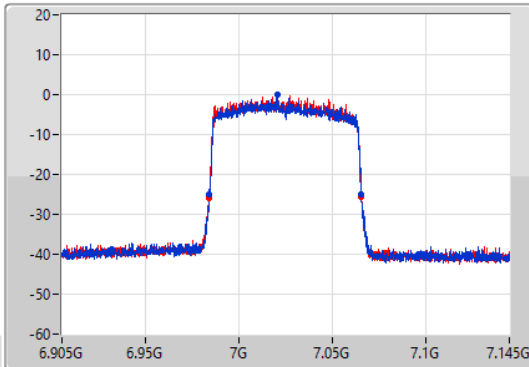
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

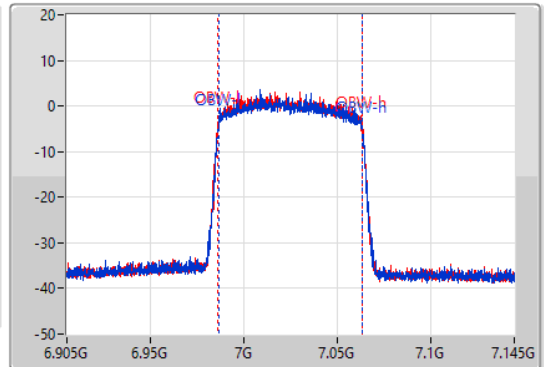
7025MHz

01/10/2021

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



CF
7.025GHz
Span
240MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



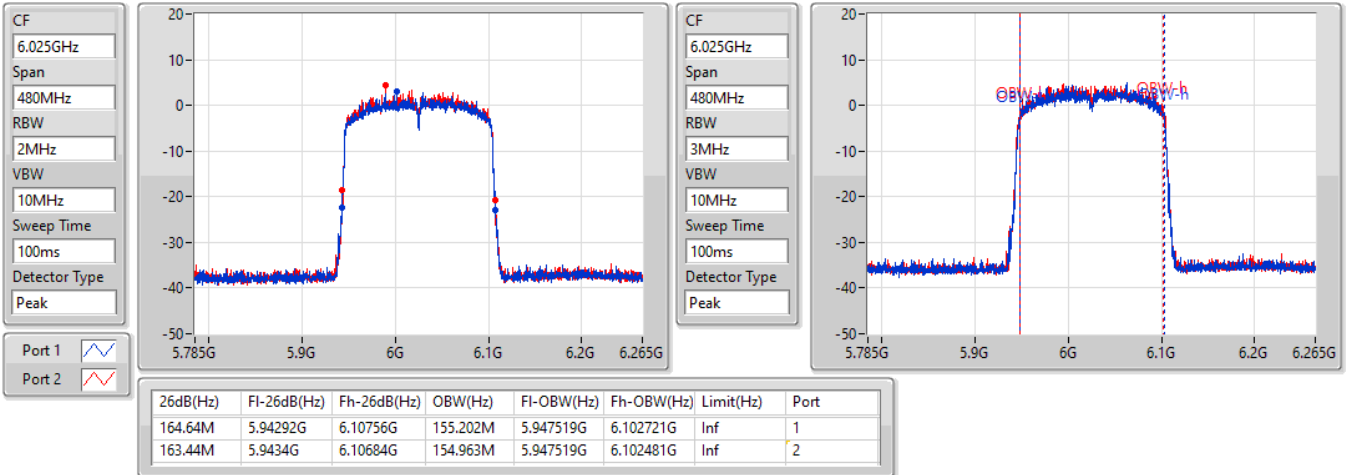
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.98372G	7.06556G	77.121M	6.986259G	7.063381G	Inf	1
81.96M	6.98372G	7.06568G	77.361M	6.986139G	7.063501G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6025MHz

01/10/2021

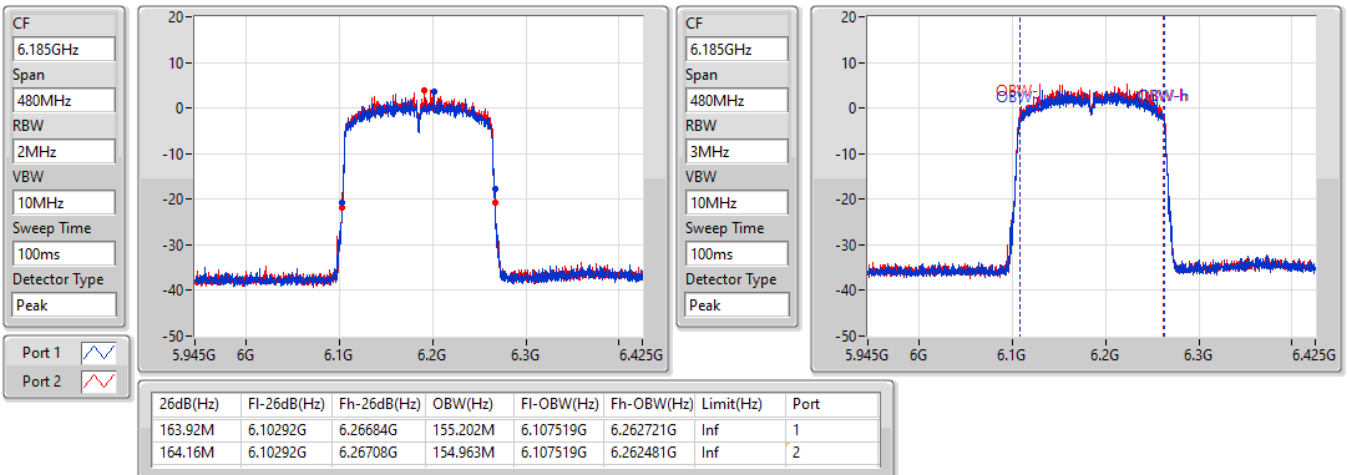


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6185MHz

01/10/2021



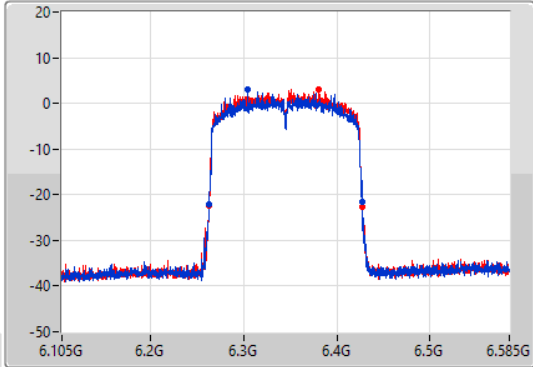
802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

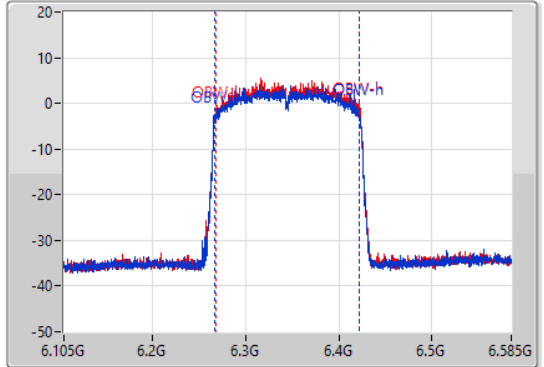
6345MHz

01/10/2021

CF
6.345GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.345GHz
Span
480MHz
RBW
3MHz
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	6.2634G	6.42708G	155.202M	6.267279G	6.422481G	Inf	1
165.12M	6.26244G	6.42756G	154.963M	6.267519G	6.422481G	Inf	2

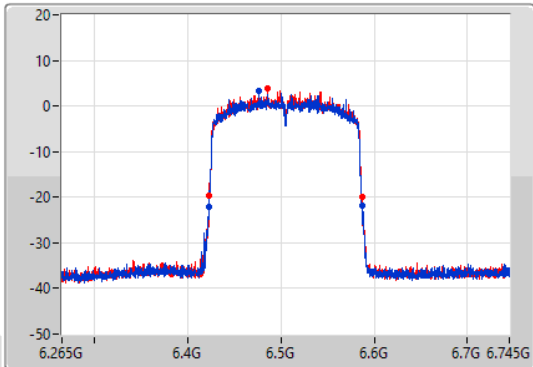
802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

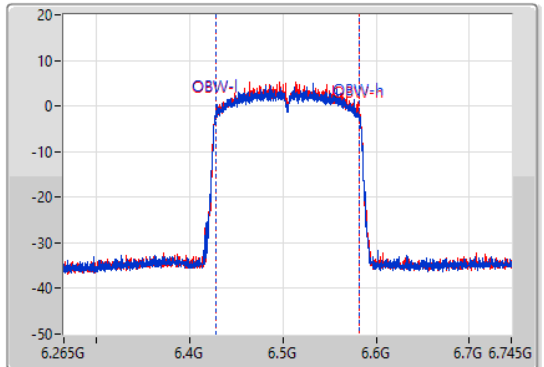
6505MHz

01/10/2021

CF
6.505GHz
Span
480MHz
RBW
2MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



CF
6.505GHz
Span
480MHz
RBW
3MHz
VBW
10MHz
Sweep Time
100ms
Detector Type
Peak



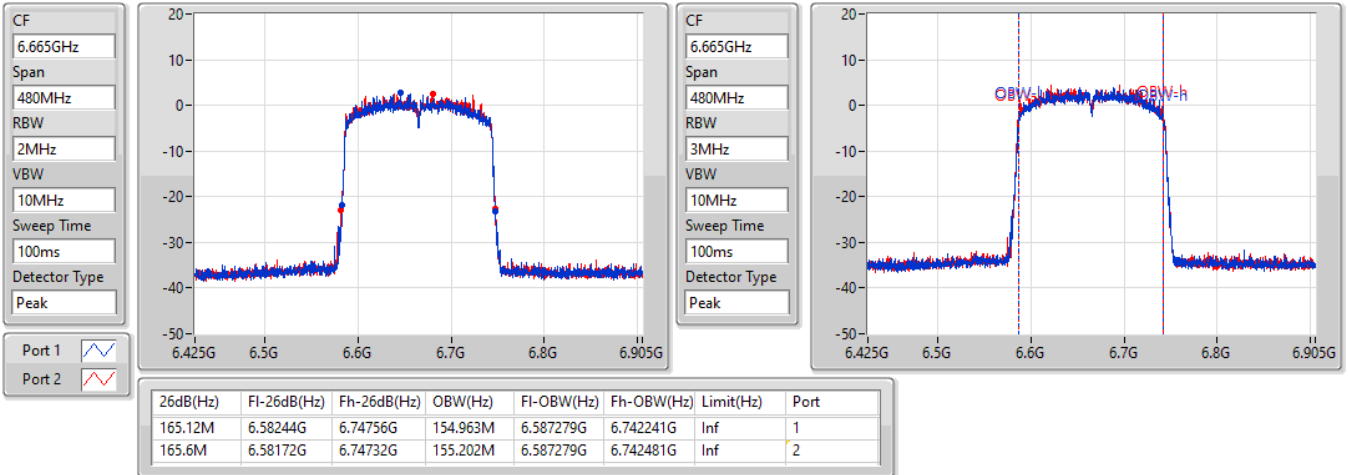
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.42268G	6.58732G	154.963M	6.427519G	6.582481G	Inf	1
163.92M	6.42316G	6.58708G	154.963M	6.427519G	6.582481G	Inf	2

802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6665MHz

01/10/2021

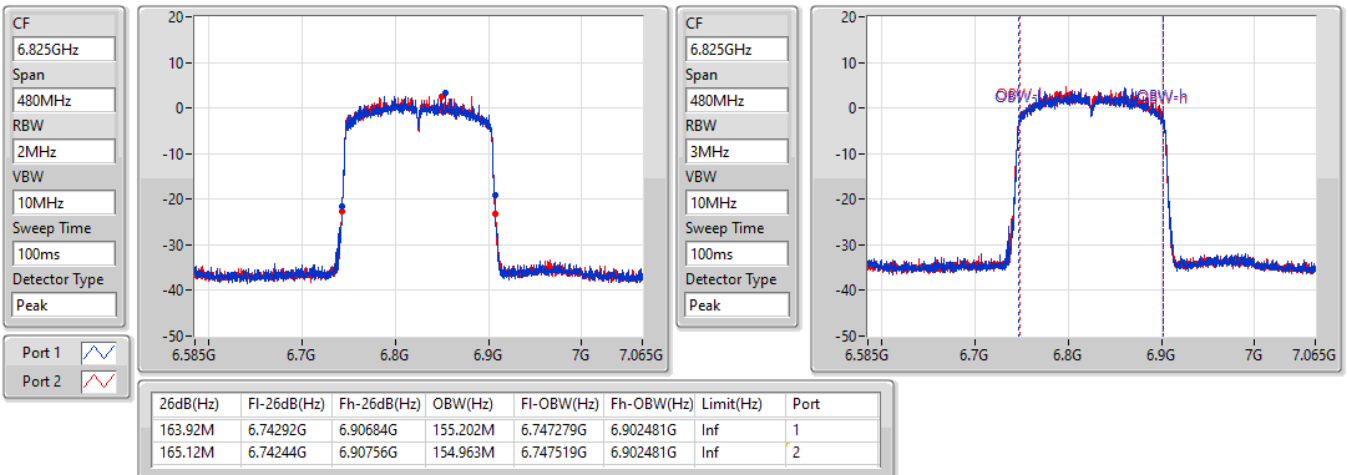


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6825MHz

01/10/2021

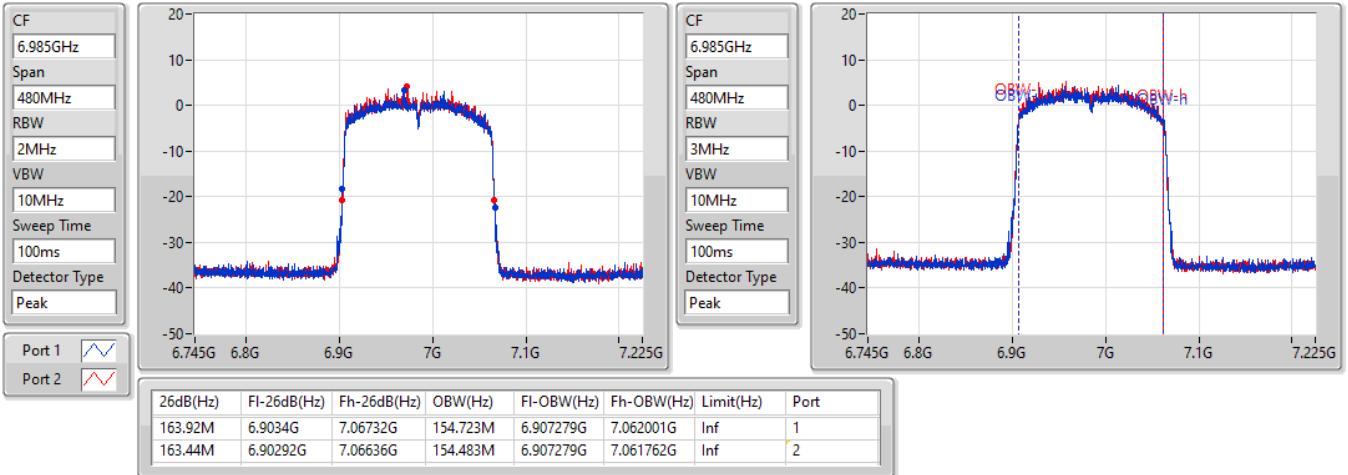


802.11ax HEW160_Nss1,(MCS0)_2TX

EBW

6985MHz

01/10/2021





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	10.80	0.01202	17.10	0.05129
802.11ax HEW20_Nss1,(MCS0)_4TX	10.83	0.01211	17.13	0.05164
802.11ax HEW40_Nss1,(MCS0)_4TX	13.88	0.02443	20.18	0.10423
802.11ax HEW80_Nss1,(MCS0)_4TX	16.94	0.04943	23.24	0.21086
802.11ax HEW160_Nss1,(MCS0)_4TX	20.12	0.10280	26.42	0.43853
6.425-6.525GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	11.03	0.01268	17.33	0.05408
802.11ax HEW20_Nss1,(MCS0)_4TX	11.67	0.01469	17.97	0.06266
802.11ax HEW40_Nss1,(MCS0)_4TX	14.58	0.02871	20.88	0.12246
802.11ax HEW80_Nss1,(MCS0)_4TX	17.28	0.05346	23.58	0.22803
802.11ax HEW160_Nss1,(MCS0)_4TX	20.15	0.10351	26.45	0.44157
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	10.94	0.01242	17.24	0.05297
802.11ax HEW20_Nss1,(MCS0)_4TX	11.20	0.01318	17.50	0.05623
802.11ax HEW40_Nss1,(MCS0)_4TX	14.00	0.02512	20.30	0.10715
802.11ax HEW80_Nss1,(MCS0)_4TX	17.52	0.05649	23.82	0.24099
802.11ax HEW160_Nss1,(MCS0)_4TX	20.04	0.10093	26.34	0.43053
6.875-7.125GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	9.47	0.00885	15.77	0.03776
802.11ax HEW20_Nss1,(MCS0)_4TX	9.59	0.00910	15.89	0.03882
802.11ax HEW40_Nss1,(MCS0)_4TX	13.03	0.02009	19.33	0.08570
802.11ax HEW80_Nss1,(MCS0)_4TX	15.86	0.03855	22.16	0.16444
802.11ax HEW160_Nss1,(MCS0)_4TX	17.95	0.06237	24.25	0.26607



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	6.30	4.42	4.29	4.17	4.02	10.25	Inf	16.55	30.00
6175MHz	Pass	6.30	4.17	4.01	3.98	3.97	10.05	Inf	16.35	30.00
6415MHz	Pass	6.30	5.16	4.62	4.63	4.69	10.80	Inf	17.10	30.00
6435MHz	Pass	6.30	4.70	4.71	4.73	4.87	10.77	Inf	17.07	30.00
6475MHz	Pass	6.30	4.81	4.98	5.02	5.22	11.03	Inf	17.33	30.00
6515MHz	Pass	6.30	5.03	4.65	4.73	4.81	10.83	Inf	17.13	30.00
6535MHz	Pass	6.30	5.03	4.77	4.93	4.93	10.94	Inf	17.24	30.00
6695MHz	Pass	6.30	4.55	4.72	4.85	4.75	10.74	Inf	17.04	30.00
6855MHz	Pass	6.30	4.95	4.78	4.41	4.64	10.72	Inf	17.02	30.00
6875MHz	Pass	6.30	4.55	4.51	4.15	4.19	10.37	Inf	16.67	30.00
6895MHz	Pass	6.30	2.24	2.76	2.35	2.15	8.40	Inf	14.70	30.00
6995MHz	Pass	6.30	3.00	3.11	2.81	2.56	8.90	Inf	15.20	30.00
7095MHz	Pass	6.30	3.69	3.57	3.36	3.14	9.47	Inf	15.77	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	6.30	4.48	4.48	4.42	4.16	10.41	Inf	16.71	30.00
6175MHz	Pass	6.30	4.19	4.05	4.07	4.10	10.12	Inf	16.42	30.00
6415MHz	Pass	6.30	5.13	4.65	4.71	4.73	10.83	Inf	17.13	30.00
6435MHz	Pass	6.30	4.41	5.31	5.42	5.49	11.20	Inf	17.50	30.00
6475MHz	Pass	6.30	5.71	5.52	5.62	5.73	11.67	Inf	17.97	30.00
6515MHz	Pass	6.30	5.53	5.20	5.31	5.35	11.37	Inf	17.67	30.00
6535MHz	Pass	6.30	4.91	4.61	4.93	4.94	10.87	Inf	17.17	30.00
6695MHz	Pass	6.30	4.91	5.30	5.35	5.16	11.20	Inf	17.50	30.00
6855MHz	Pass	6.30	4.75	4.66	4.52	4.57	10.65	Inf	16.95	30.00
6875MHz	Pass	6.30	4.72	4.67	4.36	4.38	10.56	Inf	16.86	30.00
6895MHz	Pass	6.30	3.18	3.34	3.13	3.01	9.19	Inf	15.49	30.00
6995MHz	Pass	6.30	3.62	3.55	3.49	3.34	9.52	Inf	15.82	30.00
7095MHz	Pass	6.30	3.76	3.68	3.52	3.31	9.59	Inf	15.89	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	6.30	8.08	8.01	7.78	7.55	13.88	Inf	20.18	30.00
6165MHz	Pass	6.30	7.13	6.96	7.06	7.34	13.15	Inf	19.45	30.00
6405MHz	Pass	6.30	7.98	7.60	7.55	7.57	13.70	Inf	20.00	30.00
6445MHz	Pass	6.30	8.69	8.39	8.52	8.22	14.48	Inf	20.78	30.00
6485MHz	Pass	6.30	8.75	8.60	8.63	8.22	14.58	Inf	20.88	30.00
6525MHz	Pass	6.30	8.81	8.40	8.14	8.22	14.42	Inf	20.72	30.00
6565MHz	Pass	6.30	8.06	8.21	7.52	7.61	13.88	Inf	20.18	30.00
6685MHz	Pass	6.30	8.01	8.13	7.75	7.57	13.89	Inf	20.19	30.00
6845MHz	Pass	6.30	8.20	7.98	7.99	7.73	14.00	Inf	20.30	30.00
6885MHz	Pass	6.30	8.00	7.79	7.63	7.35	13.72	Inf	20.02	30.00
6925MHz	Pass	6.30	6.07	6.11	5.87	5.62	11.94	Inf	18.24	30.00
7005MHz	Pass	6.30	6.54	6.38	6.18	6.17	12.34	Inf	18.64	30.00
7085MHz	Pass	6.30	7.40	7.12	6.57	6.89	13.03	Inf	19.33	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	6.30	11.15	10.68	10.86	9.86	16.68	Inf	22.98	30.00
6145MHz	Pass	6.30	10.46	10.17	10.15	10.18	16.26	Inf	22.56	30.00
6385MHz	Pass	6.30	11.06	10.99	11.00	10.62	16.94	Inf	23.24	30.00
6465MHz	Pass	6.30	11.46	11.26	11.30	10.99	17.28	Inf	23.58	30.00
6545MHz	Pass	6.30	11.24	10.97	11.10	10.77	17.04	Inf	23.34	30.00
6625MHz	Pass	6.30	10.99	10.72	10.71	10.42	16.74	Inf	23.04	30.00
6705MHz	Pass	6.30	11.41	11.23	11.23	10.99	17.24	Inf	23.54	30.00
6785MHz	Pass	6.30	11.65	11.69	11.52	11.13	17.52	Inf	23.82	30.00
6865MHz	Pass	6.30	11.28	11.09	11.08	10.65	17.05	Inf	23.35	30.00
6945MHz	Pass	6.30	9.17	9.09	9.30	8.75	15.10	Inf	21.40	30.00
7025MHz	Pass	6.30	10.37	8.96	10.11	9.81	15.86	Inf	22.16	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio3

Appendix C.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6025MHz	Pass	6.30	13.69	13.25	13.33	12.74	19.29	Inf	25.59	30.00
6185MHz	Pass	6.30	13.64	13.34	13.47	13.10	19.41	Inf	25.71	30.00
6345MHz	Pass	6.30	13.85	14.25	14.38	13.90	20.12	Inf	26.42	30.00
6505MHz	Pass	6.30	13.91	14.36	14.34	13.88	20.15	Inf	26.45	30.00
6665MHz	Pass	6.30	14.41	14.11	13.96	13.57	20.04	Inf	26.34	30.00
6825MHz	Pass	6.30	13.80	13.72	13.89	13.29	19.70	Inf	26.00	30.00
6985MHz	Pass	6.30	12.01	11.92	11.91	11.88	17.95	Inf	24.25	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	2.61	0.00182	8.42	0.00695
802.11ax HEW20_Nss1,(MCS0)_2TX	3.32	0.00215	9.13	0.00818
802.11ax HEW40_Nss1,(MCS0)_2TX	6.29	0.00426	12.10	0.01622
802.11ax HEW80_Nss1,(MCS0)_2TX	9.45	0.00881	15.26	0.03357
802.11ax HEW160_Nss1,(MCS0)_2TX	12.36	0.01722	18.17	0.06561
6.425-6.525GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	2.84	0.00192	8.65	0.00733
802.11ax HEW20_Nss1,(MCS0)_2TX	3.50	0.00224	9.31	0.00853
802.11ax HEW40_Nss1,(MCS0)_2TX	6.37	0.00434	12.18	0.01652
802.11ax HEW80_Nss1,(MCS0)_2TX	9.58	0.00908	15.39	0.03459
802.11ax HEW160_Nss1,(MCS0)_2TX	12.44	0.01754	18.25	0.06683
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	2.73	0.00187	8.54	0.00714
802.11ax HEW20_Nss1,(MCS0)_2TX	3.45	0.00221	9.26	0.00843
802.11ax HEW40_Nss1,(MCS0)_2TX	6.38	0.00435	12.19	0.01656
802.11ax HEW80_Nss1,(MCS0)_2TX	9.62	0.00916	15.43	0.03491
802.11ax HEW160_Nss1,(MCS0)_2TX	12.06	0.01607	17.87	0.06124
6.875-7.125GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	2.30	0.00170	8.11	0.00647
802.11ax HEW20_Nss1,(MCS0)_2TX	3.37	0.00217	9.18	0.00828
802.11ax HEW40_Nss1,(MCS0)_2TX	6.65	0.00462	12.46	0.01762
802.11ax HEW80_Nss1,(MCS0)_2TX	9.79	0.00953	15.60	0.03631
802.11ax HEW160_Nss1,(MCS0)_2TX	12.04	0.01600	17.85	0.06095



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.81	-0.72	-0.26	2.53	Inf	8.34	24.00
6175MHz	Pass	5.81	-0.69	-0.12	2.61	Inf	8.42	24.00
6415MHz	Pass	5.81	-0.59	-0.47	2.48	Inf	8.29	24.00
6435MHz	Pass	5.81	-0.67	-0.40	2.48	Inf	8.29	24.00
6475MHz	Pass	5.81	-0.55	-0.13	2.68	Inf	8.49	24.00
6515MHz	Pass	5.81	-0.62	0.24	2.84	Inf	8.65	24.00
6535MHz	Pass	5.81	-0.73	0.13	2.73	Inf	8.54	24.00
6695MHz	Pass	5.81	-1.09	-0.54	2.20	Inf	8.01	24.00
6855MHz	Pass	5.81	-1.06	-0.22	2.39	Inf	8.20	24.00
6875MHz	Pass	5.81	-1.54	-0.19	2.20	Inf	8.01	24.00
6895MHz	Pass	5.81	-1.01	-0.44	2.29	Inf	8.10	24.00
6995MHz	Pass	5.81	-1.32	-0.59	2.07	Inf	7.88	24.00
7095MHz	Pass	5.81	-1.06	-0.39	2.30	Inf	8.11	24.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.81	-0.01	0.46	3.24	Inf	9.05	24.00
6175MHz	Pass	5.81	0.04	0.56	3.32	Inf	9.13	24.00
6415MHz	Pass	5.81	0.11	0.28	3.21	Inf	9.02	24.00
6435MHz	Pass	5.81	0.07	0.20	3.15	Inf	8.96	24.00
6475MHz	Pass	5.81	0.02	0.44	3.25	Inf	9.06	24.00
6515MHz	Pass	5.81	0.07	0.87	3.50	Inf	9.31	24.00
6535MHz	Pass	5.81	-0.03	0.87	3.45	Inf	9.26	24.00
6695MHz	Pass	5.81	-0.44	0.54	3.09	Inf	8.90	24.00
6855MHz	Pass	5.81	-0.58	0.42	2.96	Inf	8.77	24.00
6875MHz	Pass	5.81	-0.54	0.46	3.00	Inf	8.81	24.00
6895MHz	Pass	5.81	-0.41	0.06	2.84	Inf	8.65	24.00
6995MHz	Pass	5.81	-0.91	-0.32	2.41	Inf	8.22	24.00
7095MHz	Pass	5.81	-0.08	0.75	3.37	Inf	9.18	24.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.81	3.00	3.54	6.29	Inf	12.10	24.00
6165MHz	Pass	5.81	2.97	3.49	6.25	Inf	12.06	24.00
6405MHz	Pass	5.81	2.93	3.02	5.99	Inf	11.80	24.00
6445MHz	Pass	5.81	2.75	3.10	5.94	Inf	11.75	24.00
6485MHz	Pass	5.81	3.18	3.54	6.37	Inf	12.18	24.00
6525MHz	Pass	5.81	3.04	3.51	6.29	Inf	12.10	24.00
6565MHz	Pass	5.81	2.77	2.93	5.86	Inf	11.67	24.00
6685MHz	Pass	5.81	3.23	3.51	6.38	Inf	12.19	24.00
6845MHz	Pass	5.81	3.09	3.42	6.27	Inf	12.08	24.00
6885MHz	Pass	5.81	2.85	3.22	6.05	Inf	11.86	24.00
6925MHz	Pass	5.81	2.98	3.28	6.14	Inf	11.95	24.00
7005MHz	Pass	5.81	2.43	2.96	5.71	Inf	11.52	24.00
7085MHz	Pass	5.81	3.28	3.98	6.65	Inf	12.46	24.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.81	5.83	6.25	9.06	Inf	14.87	24.00
6145MHz	Pass	5.81	6.09	6.76	9.45	Inf	15.26	24.00
6385MHz	Pass	5.81	5.82	6.47	9.17	Inf	14.98	24.00
6465MHz	Pass	5.81	6.28	6.85	9.58	Inf	15.39	24.00
6545MHz	Pass	5.81	6.15	6.53	9.35	Inf	15.16	24.00
6625MHz	Pass	5.81	6.19	6.37	9.29	Inf	15.10	24.00
6705MHz	Pass	5.81	6.16	6.51	9.35	Inf	15.16	24.00
6785MHz	Pass	5.81	6.44	6.77	9.62	Inf	15.43	24.00
6865MHz	Pass	5.81	6.20	6.38	9.30	Inf	15.11	24.00
6945MHz	Pass	5.81	6.57	6.98	9.79	Inf	15.60	24.00
7025MHz	Pass	5.81	5.99	6.42	9.22	Inf	15.03	24.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio4

Appendix C.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6025MHz	Pass	5.81	9.14	9.55	12.36	Inf	18.17	24.00
6185MHz	Pass	5.81	8.88	9.23	12.07	Inf	17.88	24.00
6345MHz	Pass	5.81	8.78	9.32	12.07	Inf	17.88	24.00
6505MHz	Pass	5.81	9.27	9.59	12.44	Inf	18.25	24.00
6665MHz	Pass	5.81	8.91	9.18	12.06	Inf	17.87	24.00
6825MHz	Pass	5.81	8.87	9.13	12.01	Inf	17.82	24.00
6985MHz	Pass	5.81	8.84	9.22	12.04	Inf	17.85	24.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.83	0.01211	18.11	0.06471
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.88	0.02443	21.16	0.13062
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.94	0.04943	24.22	0.26424
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.12	0.10280	27.40	0.54954
6.425-6.525GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.67	0.01469	18.14	0.06516
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.58	0.02871	21.05	0.12735
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.28	0.05346	23.75	0.23714
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.15	0.10351	26.62	0.45920
6.525-6.875GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.20	0.01318	17.88	0.06138
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.00	0.02512	20.68	0.11695
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.52	0.05649	24.20	0.26303
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.04	0.10093	26.72	0.46989
6.875-7.125GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.59	0.00910	18.03	0.06353
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.03	0.02009	21.47	0.14028
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.86	0.03855	24.30	0.26915
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.95	0.06237	26.39	0.43551



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	7.28	4.48	4.48	4.42	4.16	10.41	Inf	17.69	30.00
6175MHz	Pass	7.28	4.19	4.05	4.07	4.10	10.12	Inf	17.40	30.00
6415MHz	Pass	7.28	5.13	4.65	4.71	4.73	10.83	Inf	18.11	30.00
6435MHz	Pass	6.47	4.41	5.31	5.42	5.49	11.20	Inf	17.67	30.00
6475MHz	Pass	6.47	5.71	5.52	5.62	5.73	11.67	Inf	18.14	30.00
6515MHz	Pass	6.47	5.53	5.20	5.31	5.35	11.37	Inf	17.84	30.00
6535MHz	Pass	6.68	4.91	4.61	4.93	4.94	10.87	Inf	17.55	30.00
6695MHz	Pass	6.68	4.91	5.30	5.35	5.16	11.20	Inf	17.88	30.00
6855MHz	Pass	6.68	4.75	4.66	4.52	4.57	10.65	Inf	17.33	30.00
6875MHz	Pass	6.68	4.72	4.67	4.36	4.38	10.56	Inf	17.24	30.00
6895MHz	Pass	8.44	3.18	3.34	3.13	3.01	9.19	Inf	17.63	30.00
6995MHz	Pass	8.44	3.62	3.55	3.49	3.34	9.52	Inf	17.96	30.00
7095MHz	Pass	8.44	3.76	3.68	3.52	3.31	9.59	Inf	18.03	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	7.28	8.08	8.01	7.78	7.55	13.88	Inf	21.16	30.00
6165MHz	Pass	7.28	7.13	6.96	7.06	7.34	13.15	Inf	20.43	30.00
6405MHz	Pass	7.28	7.98	7.60	7.55	7.57	13.70	Inf	20.98	30.00
6445MHz	Pass	6.47	8.69	8.39	8.52	8.22	14.48	Inf	20.95	30.00
6485MHz	Pass	6.47	8.75	8.60	8.63	8.22	14.58	Inf	21.05	30.00
6525MHz	Pass	6.47	8.81	8.40	8.14	8.22	14.42	Inf	20.89	30.00
6565MHz	Pass	6.68	8.06	8.21	7.52	7.61	13.88	Inf	20.56	30.00
6685MHz	Pass	6.68	8.01	8.13	7.75	7.57	13.89	Inf	20.57	30.00
6845MHz	Pass	6.68	8.20	7.98	7.99	7.73	14.00	Inf	20.68	30.00
6885MHz	Pass	6.68	8.00	7.79	7.63	7.35	13.72	Inf	20.40	30.00
6925MHz	Pass	8.44	6.07	6.11	5.87	5.62	11.94	Inf	20.38	30.00
7005MHz	Pass	8.44	6.54	6.38	6.18	6.17	12.34	Inf	20.78	30.00
7085MHz	Pass	8.44	7.40	7.12	6.57	6.89	13.03	Inf	21.47	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	7.28	11.15	10.68	10.86	9.86	16.68	Inf	23.96	30.00
6145MHz	Pass	7.28	10.46	10.17	10.15	10.18	16.26	Inf	23.54	30.00
6385MHz	Pass	7.28	11.06	10.99	11.00	10.62	16.94	Inf	24.22	30.00
6465MHz	Pass	6.47	11.46	11.26	11.30	10.99	17.28	Inf	23.75	30.00
6545MHz	Pass	6.47	11.24	10.97	11.10	10.77	17.04	Inf	23.51	30.00
6625MHz	Pass	6.68	10.99	10.72	10.71	10.42	16.74	Inf	23.42	30.00
6705MHz	Pass	6.68	11.41	11.23	11.23	10.99	17.24	Inf	23.92	30.00
6785MHz	Pass	6.68	11.65	11.69	11.52	11.13	17.52	Inf	24.20	30.00
6865MHz	Pass	6.68	11.28	11.09	11.08	10.65	17.05	Inf	23.73	30.00
6945MHz	Pass	8.44	9.17	9.09	9.30	8.75	15.10	Inf	23.54	30.00
7025MHz	Pass	8.44	10.37	8.96	10.11	9.81	15.86	Inf	24.30	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	7.28	13.69	13.25	13.33	12.74	19.29	Inf	26.57	30.00
6185MHz	Pass	7.28	13.64	13.34	13.47	13.10	19.41	Inf	26.69	30.00
6345MHz	Pass	7.28	13.85	14.25	14.38	13.90	20.12	Inf	27.40	30.00
6505MHz	Pass	6.47	13.91	14.36	14.34	13.88	20.15	Inf	26.62	30.00
6665MHz	Pass	6.68	14.41	14.11	13.96	13.57	20.04	Inf	26.72	30.00
6825MHz	Pass	6.68	13.80	13.72	13.89	13.29	19.70	Inf	26.38	30.00
6985MHz	Pass	8.44	12.01	11.92	11.91	11.88	17.95	Inf	26.39	30.00

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