FCC RADIO TEST REPORT

FCC ID	:	MSQ-RTAXJF00
Equipment	:	Wireless-AXE11000 Tri-band Gigabit Router, ROG Rapture Tri-band Gaming Router, ROG Rapture GT-AXE11000 Tri-band Gaming Router, Wi-Fi 6E ROG Rapture GT-AXE11000 Tri-band Gaming Router
Brand Name	:	ASUS
Model Name	:	GT-AXE11000
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (1)	:	ASUSTeK Computer Inc 1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan
Manufacturer (2)	:	Kentec Inc. No. 5, Tzu-Chiang 1st Rd. Chungli Industrial Zone, Taoyuan Hsien, Taiwan
Manufacturer (3)	:	Lukisen Electronic Corp. 3F., No.236, Boai St., Shulin Dist., New Taipei City 23845, Taiwan
Manufacturer (4)	:	Lih Rong Electronic Enterprise Co.,Ltd No. 486, Sec. 1, Wanshou Rd., Guishan Dist., Taoyuan City 33350, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Jul. 08, 2020, and testing was started from Jul. 10, 2020 and completed on Nov. 16, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR070920-01AC	01	Initial issue of report	Oct. 20, 2020
FR070920-01AC	02	Adding the Contention Based Protocol Threshold Level Verify Result.	Dec. 09, 2020

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 Isotopically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-
3.7	KDB987594 D01 Clause D[6]	Indoor AP identification broadcast beacon	N/A	Declared by manufacturer
-	KDB987594 D01 Clause D[8]	No direct connection to the internet	N/A	Indoor AP w/o test
-	KDB987594 D01 Clause D[9]	Demonstrate under control of low power indoor access point	N/A	Indoor AP w/o test

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:

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

Reviewed by: Sam Chen

Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 7125	ax (HEW20)	6115 ~ 7095	33 ~ 229 [50]
5925 ~ 7125	ax (HEW40)	6125 ~ 7085	35 ~ 227 [25]
5925 ~ 7125	ax (HEW80)	6145 ~ 7025	39 ~ 215 [12]
5925 ~ 7125	ax (HEW160)	6185 ~ 6985	47 ~ 207 [6]

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	4TX
UNII 5~8	802.11ax HEW20-BF	20	4TX
UNII 5~8	802.11ax HEW40	40	4TX
UNII 5~8	802.11ax HEW40-BF	40	4TX
UNII 5~8	802.11ax HEW80	80	4TX
UNII 5~8	802.11ax HEW80-BF	80	4TX
UNII 5~8	802.11ax HEW160	160	4TX
UNII 5~8	802.11ax HEW160-BF	160	4TX

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

1.1.2 Antenna Information

Set	Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
							2.4GHz	5GHz UNII 1~3	6GHz UNII 5~ 8
1	1	1	WHAYU	C660-510515-A	Dipole Antenna	I-PEX MHF	1.99	1.98	-
	2	2	WHAYU	C660-510516-A	Dipole Antenna	I-PEX MHF	1.99	1.99	-
	3	3	WHAYU	C660-510517-A	Dipole Antenna	I-PEX MHF	1.97	1.97	-
	4	4	WHAYU	C660-510518-A	Dipole Antenna	I-PEX MHF	1.98	2.00	-
	5	1	WHAYU	C660-510519-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	6	2	WHAYU	C660-510520-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	7	3	WHAYU	C660-510521-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.97
	8	4	WHAYU	C660-510522-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	9	1	WHAYU	C660-510485-A	PIFA Antenna	I-PEX	-	3.3	-
2	1	1	WALSIN	RFDPA161209IMLB701	Dipole Antenna	I-PEX MHF	1.99	1.98	-
	2	2	WALSIN	RFDPA161209IMLB702	Dipole Antenna	I-PEX MHF	1.99	1.99	-
	3	3	WALSIN	RFDPA161205IMLB701	Dipole Antenna	I-PEX MHF	1.97	1.97	-
	4	4	WALSIN	RFDPA161203IMLB701	Dipole Antenna	I-PEX MHF	1.98	2.00	-
	5	1	WALSIN	RFDPA161211EM6B701	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	6	2	WALSIN	RFDPA161207EM6B701	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	7	3	WALSIN	RFDPA161207EM6B702	Dipole Antenna	I-PEX MHF 4L	-	-	1.97
	8	4	WALSIN	RFDPA161209EM6B701	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	9	1	WHAYU	C660-510485-A	PIFA Antenna	I-PEX	-	3.3	-
3	1	1	WHAYU	C660-510531-A	Dipole Antenna	I-PEX MHF	1.99	1.98	-
	2	2	WHAYU	C660-510532-A	Dipole Antenna	I-PEX MHF	1.99	1.99	-
	3	3	WHAYU	C660-510533-A	Dipole Antenna	I-PEX MHF	1.97	1.97	-
	4	4	WHAYU	C660-510534-A	Dipole Antenna	I-PEX MHF	1.98	2.00	-
	5	1	WHAYU	C660-510535-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	6	2	WHAYU	C660-510536-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	7	3	WHAYU	C660-510537-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.97
	8	4	WHAYU	C660-510538-A	Dipole Antenna	I-PEX MHF 4L	-	-	1.98
	9	1	WHAYU	C660-510485-A	PIFA Antenna	I-PEX	-	3.3	-

Note1: There's only set 1 selected to test and recorded in the report.

Note2: The above information was declared by manufacturer.

<For 2.4GHz Band>

For IEEE 802.11b/g/n/VHT mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

<For 5GHz Band UNII 1~UNII 3>

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

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

<For 6GHz Band UNII 5~UNII 8>

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

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

<4T1S>
Non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.978	0.1	1.488m	1k
802.11ax HEW40	0.963	0.16	780.313u	3k
802.11ax HEW80	0.929	0.32	412.969u	3k
802.11ax HEW160	0.887	0.52	236.156u	10k

beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.978	0.1	1.488m	1k
802.11ax HEW40-BF	0.963	0.16	780.313u	3k
802.11ax HEW80-BF	0.929	0.32	412.969u	3k
802.11ax HEW160-BF	0.887	0.52	236.25u	10k

<4T2S>
beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.957	0.19	4.375m	300
802.11ax HEW40-BF	0.954	0.2	4.837m	300
802.11ax HEW80-BF	2,(M0)	-3.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160-BF	2,(M0)	-3.01	n/a (DC>=0.98)	n/a (DC>=0.98)

<4T4S>
Non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.976	0.11	1.301m	1k
802.11ax HEW40	0.976	0.11	1.033m	1k
802.11ax HEW80	0.944	0.25	543.438u	3k
802.11ax HEW160	0.94	0.27	502.656u	3k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	Note: The product has beamforming function for n/ac/VHT in 2.4GHz, n/ac/ax in 5GHz UNII 1~UNII 3, and ax in 6GHz UNII 5~UNII 8.			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Test Software Version	MTool 3.2.1.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The Equipment names in the following table are all refer to the identical product.

Equipment Name	Brand Name	Model Name
Wireless-AXE11000 Tri-band Gigabit Router, ROG Rapture Tri-band Gaming Router, ROG Rapture GT-AXE11000 Tri-band Gaming Router, Wi-Fi 6E ROG Rapture GT-AXE11000 Tri-band Gaming Router	ASUS	GT-AXE11000
Description		
For marketing reason the same product will be covered by different equipment name.		

1.1.6 EUT Supports Type

The EUT supports AP Router for Wifi 6G.

1.1.7 Table for Class III Change

This product is an extension of original one reported under Sporton project number: 070920

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding U-NII 5, UNII 6, UNII 7 and UNII 8(5925~6425 MHz, 6425~6525 MHz, 6525~6875 MHz, 6875~7125 MHz) for this device.	1. AC Power-line Conducted Emissions 2. Emission Bandwidth 3. Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) 4. Peak Power Spectral Density (E.I.R.P.) 5. Unwanted Emissions 6. Contention-Based Protocol
2. Remove the LED board on the top cover of the EUT.	Unwanted Emissions <Below 1GHz>
3. Adding two equipment names: ROG Rapture GT-AXE11000 Tri-band Gaming Router, Wi-Fi 6E ROG Rapture GT-AXE11000 Tri-band Gaming Router. 4. Adding TXBF mode for 2.4GHz and 5GHz UNII 1~UNII 3 of the device 5. Adding bridge, repeater, mesh, zero wait function for WLAN 2.4GHz and 5GHz only. 6. Adding the test results of 4T4S non-TXBF 80MHz mode for UNII 1, UNII 3. 7. Upgrade the power of 4T1S non-TXBF mode for 802.11a UNII 1, UNII 3, and 4T1S non-TXBF mode for frequency 5210MHz. 8. Adding two sets of antenna with same type and same antenna gain. 9. Adding PIFA antenna with receiving function only, and it supports zero wait function only.	After evaluating, It doesn't influence this test report.

1.2 Applicable Standards

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

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

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

- Draft KDB 987594 D01
- Draft KDB 987594 D02
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted <Other tests>	TH01-CB	Owen Hsu	23.1-24°C / 65-67%	Sep. 25, 2020~ Sep. 30, 2020
RF Conducted <Contention-Based Protocol test>	DF02-CB	Jeff Wu	22.1-23.7°C / 55-59 %	Sep. 14, 2020~ Oct. 17, 2020
RF Conducted <For Contention Based Protocol Threshold Level Verify>	DF02-CB	Jeff Wu	23.1-24.7°C / 55-59 %	Nov. 16, 2020
Radiated below 1GHz (Test Mode: Mode 1)	03CH06-CB	Stim Sung	25.4-26.5°C / 58-60%	Jul. 10, 2020 ~ Oct. 13, 2020
Radiated below 1GHz (Test Mode: Mode 2)	03CH06-CB	Stim Sung	23.9-25.4°C / 53-56%	Jul. 10, 2020 ~ Oct. 13, 2020
Radiated below 1GHz (Test Mode: Mode 3)	03CH05-CB	Stim Sung	24.1-25.3°C / 54-57%	Jul. 10, 2020 ~ Oct. 13, 2020
Radiated above 1GHz	03CH06-CB	Paul Chen	22.3-23.4 °C / 56-58%	Sep. 14, 2020~ Sep. 29, 2020
AC Conduction	CO01-CB	Max Lin	25~26°C / 60~62%	Oct. 14, 2020

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

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)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 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
Operating Mode	CTX
	There are three adapters, after evaluating, Adapter 1 has been evaluated to be the worst case among Adapter 1~3, thus measurement will follow this same test configuration.
1	EUT + Ant. set 1 - 6GHz + Adapter 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT + Ant. set 1 / 4T1S: Non-beamforming mode
2	EUT + Ant. set 1 / 4T1S: beamforming mode
3	EUT + Ant. set 1 / 4T2S: beamforming mode
4	EUT + Ant. set 1 / 4T4S: Non-beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Radiated measurement
1	EUT + Ant. set 1 / 4T1S: Non-beamforming mode
2	EUT + Ant. set 1 / 4T1S: beamforming mode
3	EUT + Ant. set 1 / 4T2S: beamforming mode
4	EUT + Ant. set 1 / 4T4S: Non-beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	There are three adapters, after evaluating, Adapter 1 has been evaluated to be the worst case among Adapter 1~3, thus measurement will follow this same test configuration.
1	EUT + Ant. set 1 - 2.4GHz + Adapter 1
2	EUT + Ant. set 1 - 5GHz + Adapter 1
3	EUT + Ant. set 1 - 6GHz + Adapter 1
Mode 2 generated the worst test result, so it was recorded in this report.	
Operating Mode > 1GHz	CTX
1	EUT + Ant. set 1 / 4T1S: Non-beamforming mode
2	EUT + Ant. set 1 / 4T1S: beamforming mode
3	EUT + Ant. set 1 / 4T2S: beamforming mode
4	EUT + Ant. set 1 / 4T4S: Non-beamforming mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + 5GHz UNII 1~UNII 3 + 6GHz UNII 5~UNII 8
Refer to Sporton Test Report No.: FA070920-01 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Z-axis position.

2.2 EUT Operation during Test

For Normal Link:
During the test, the EUT operation to normal function.

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

2.3 Accessories

Accessories				
Power	**Brand Name**	**Model Name**	**Rating**	**Remark**
Adapter 1	DELTA	ADP-65DE B	INPUT: 100-240V ~ 1.5A, 50-60Hz OUTPUT: 19.0V, 3.42A, 65.0W	DC power cable Non-shielded, 1.5m
Adapter 2	AcBel	ADD011	INPUT: 100-240V ~ 1.7A, 50-60Hz OUTPUT: 19.5V, 3.33A, 65.0W Max.	DC power cable Non-shielded, 1.5m
Adapter 3	DELTA	ADP-65GD D	INPUT: 100-240V ~ 50-60Hz, 1.5A OUTPUT: 19.0-3.42V, 65.0W	DC power cable Non-shielded, 1.5m
Others				
Power cable*1, Non-Shielded, 0.9m				
RJ-45 cable*1: Shielded, 1.5m				

2.4 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	HDD3.0	Transcend	TS1TSJ25A3K	N/A
C	HDD3.0	Transcend	TS1TSJ25A3K	N/A

For Radiated<Below 1GHz>:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

For RF Radiated <Above 1GHz>:
<Non-beamforming mode>

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

<beamforming mode>

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

For RF Conducted (other tests):

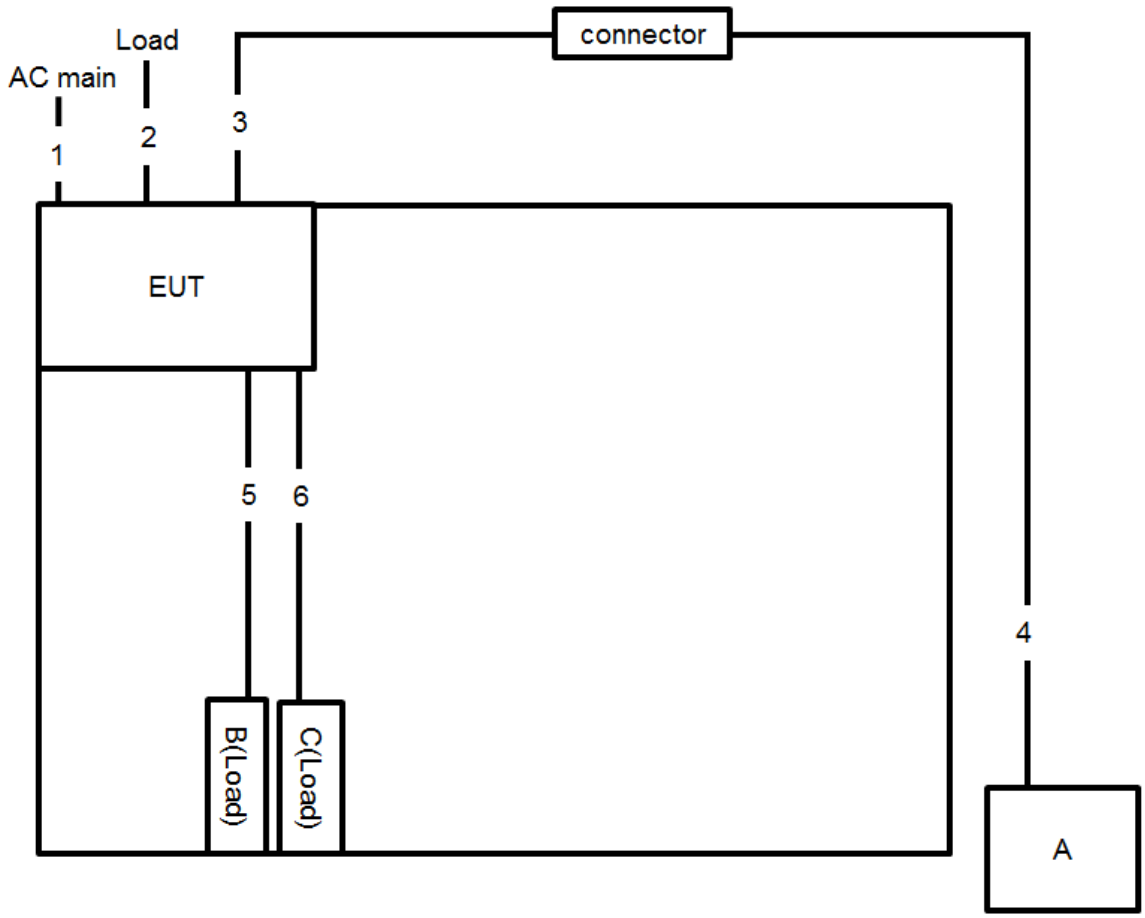
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For RF Conducted (Contention-Based Protocol test):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	ASUS	GT-AXE11000	N/A

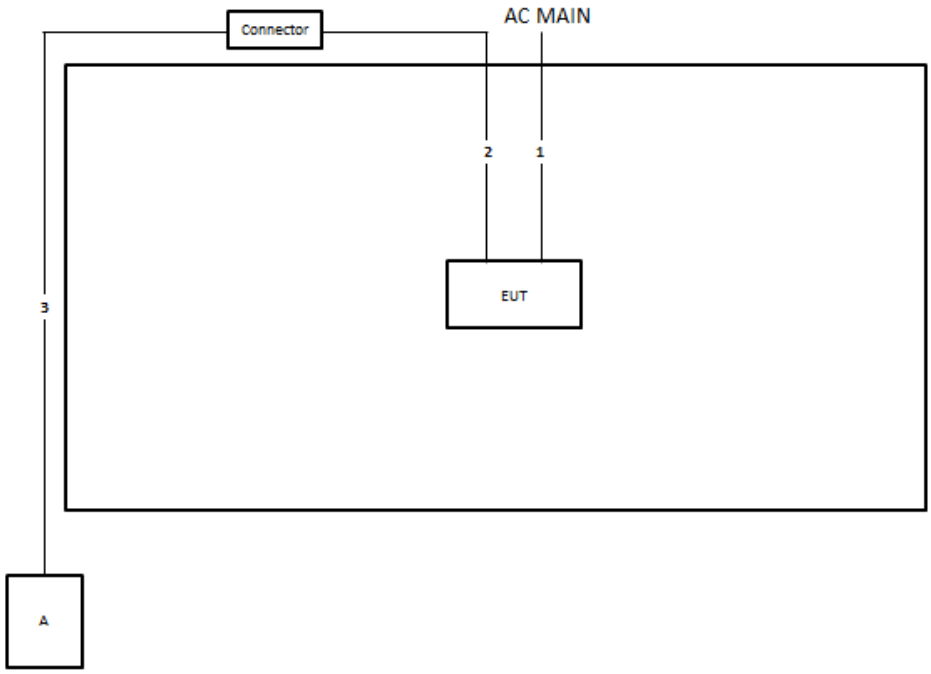
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable*5	No	1.5m
3	RJ-45 cable	Yes	1.5m
4	RJ-45 cable	Yes	10m
5	USB cable	Yes	1.8m
6	USB cable	Yes	1.8m

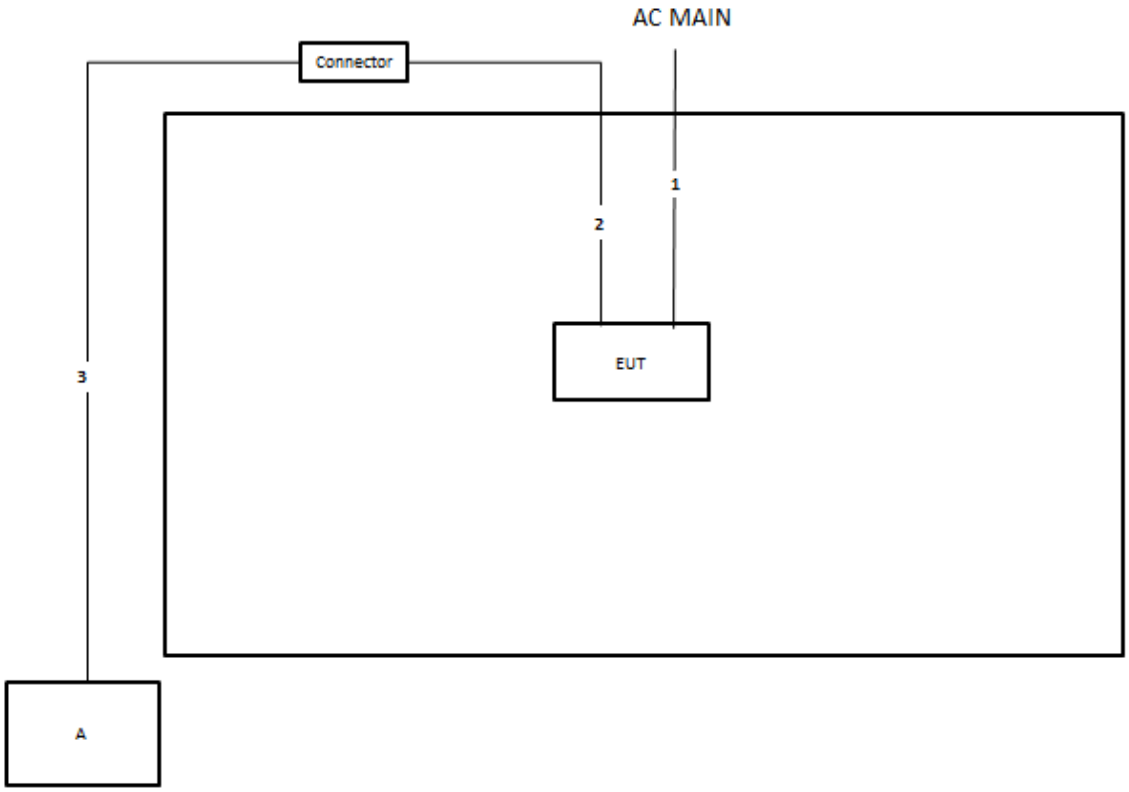
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

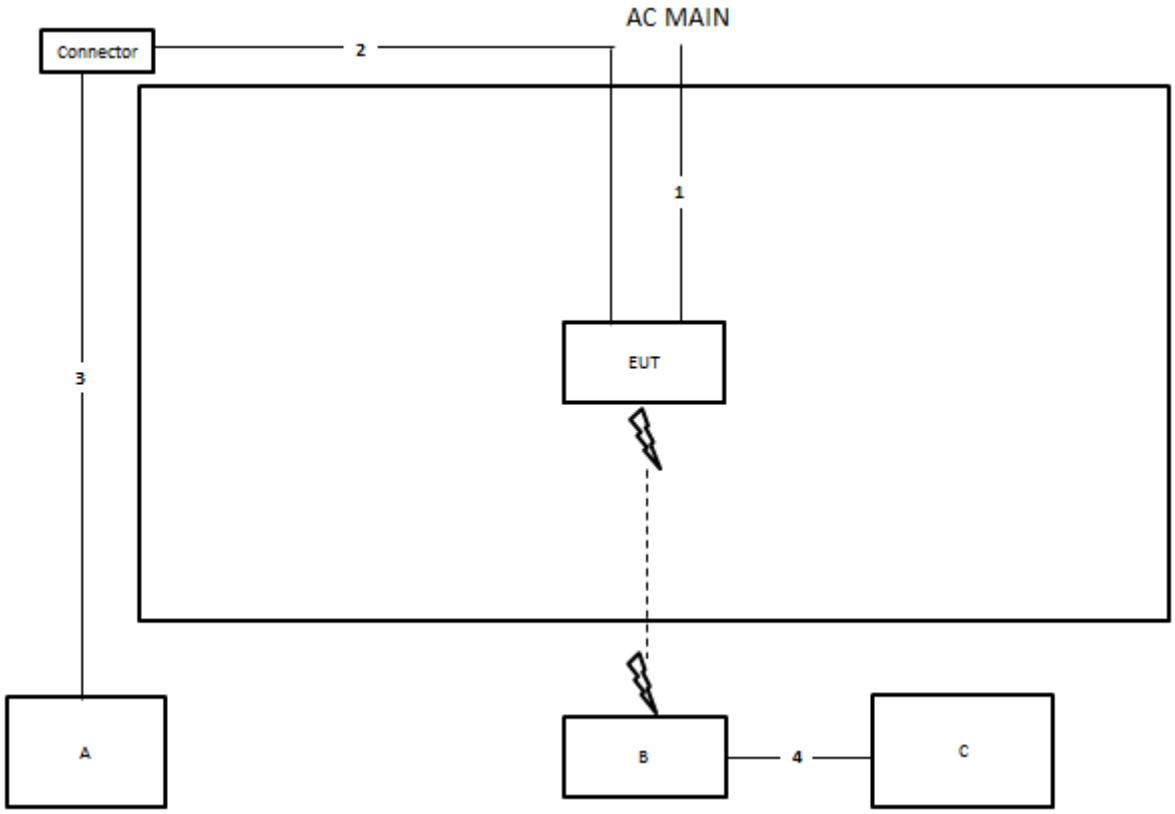
<Non-beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	Yes	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz

<beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	Yes	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

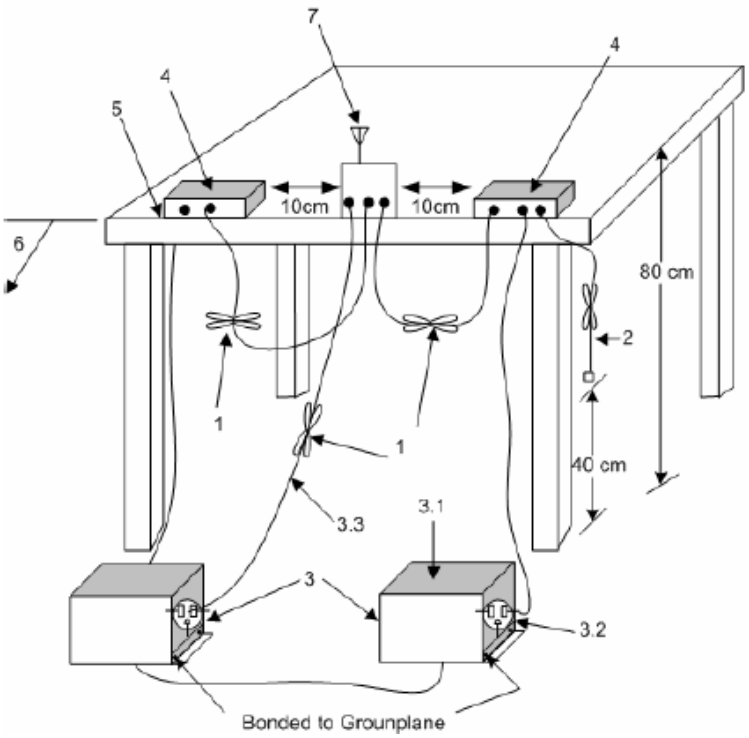
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level

b. Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5925-6425 GHz band, N/A
☒ For the 6425-6525 GHz band, N/A
☒ For the 6525-6875 GHz band, N/A
☒ For the 6875-7125 GHz band, N/A

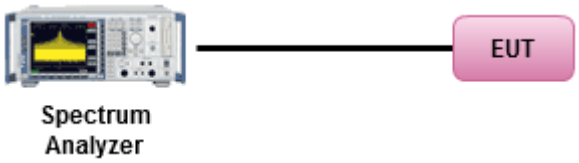
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer

3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

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

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

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

3.3.2 Measuring Instruments

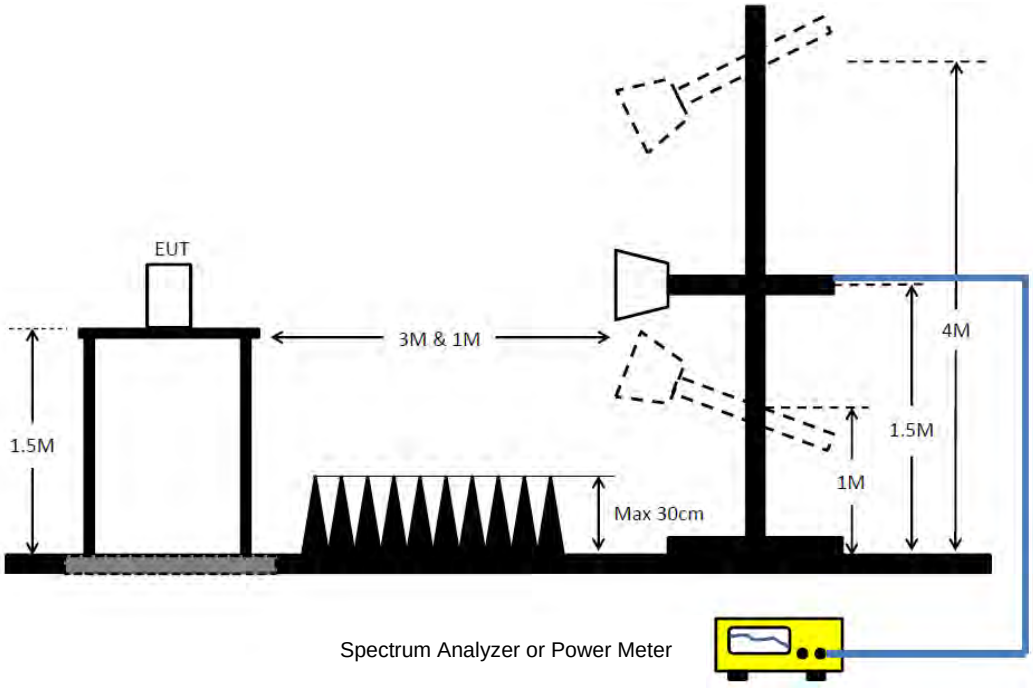
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪	Maximum Conducted Output Power
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
☐	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☒	For radiated measurement.
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

3.3.4 Test Setup

Radiated Measurement



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

Refer as Appendix C

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

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

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

3.4.2 Measuring Instruments

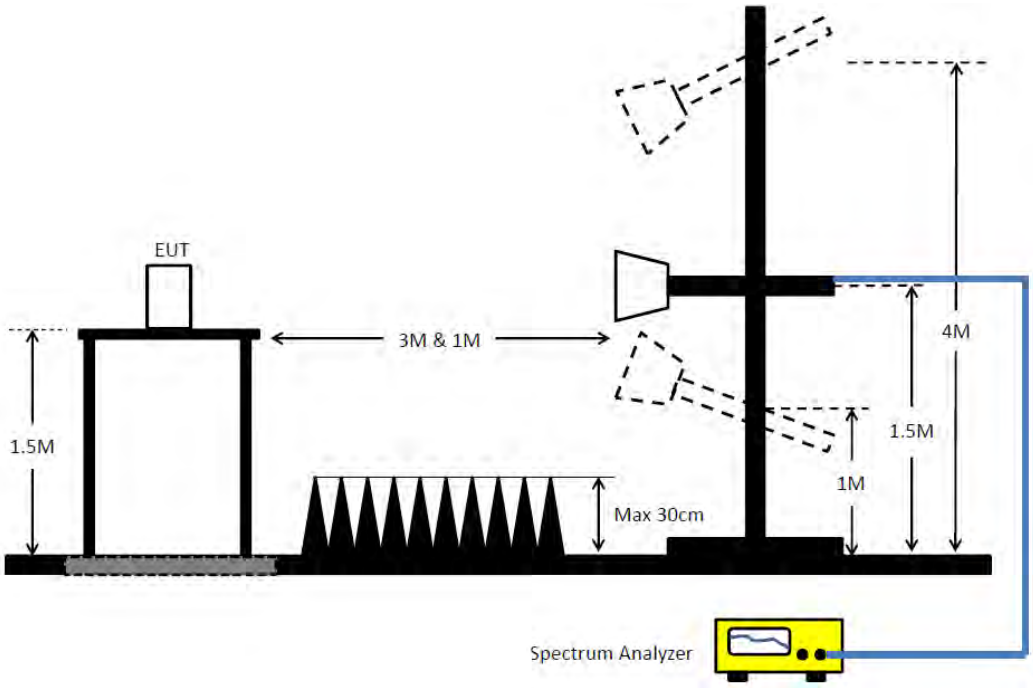
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
☐ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☒ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

3.4.4 Test Setup

Radiated Measurement



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

Refer as Appendix D

3.5 Unwanted Emissions

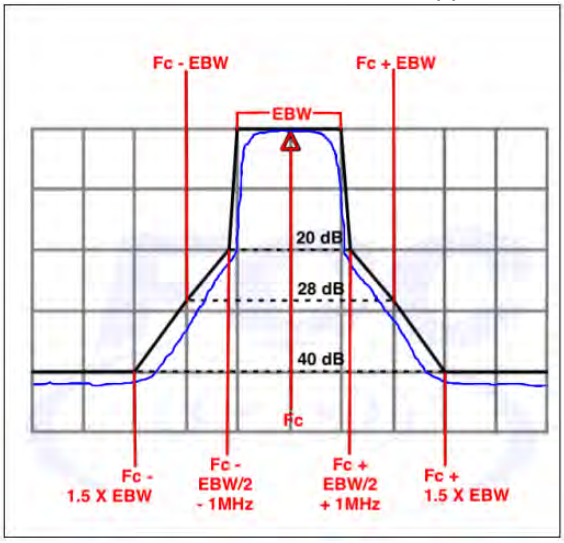
3.5.1 Transmitter Unwanted Emissions Limit

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 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB.
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 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB. EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m. Note 2: -27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	**Emission MASK Limit**
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 

3.5.2 Measuring Instruments

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

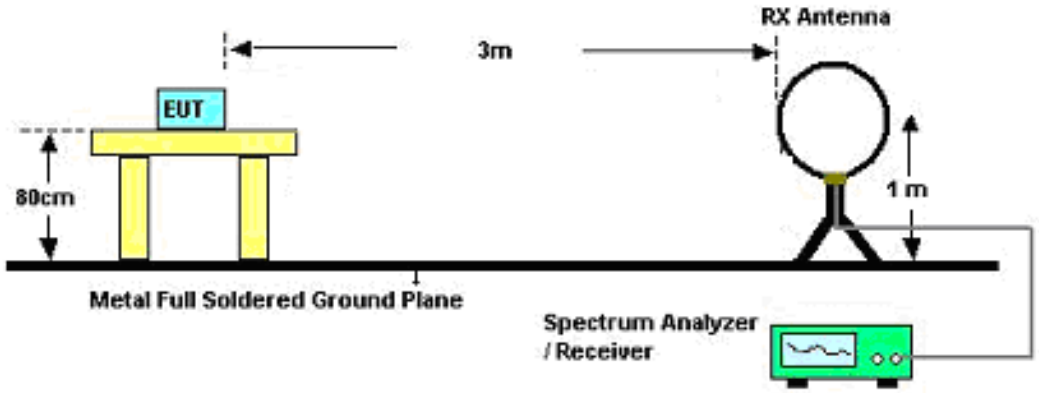
3.5.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☒	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
		☐	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☒	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For emission MASK shall be measured using following options below:			
		☒	Refer as FCC draft KDB 987594 D02, J) In-Band Emissions
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			

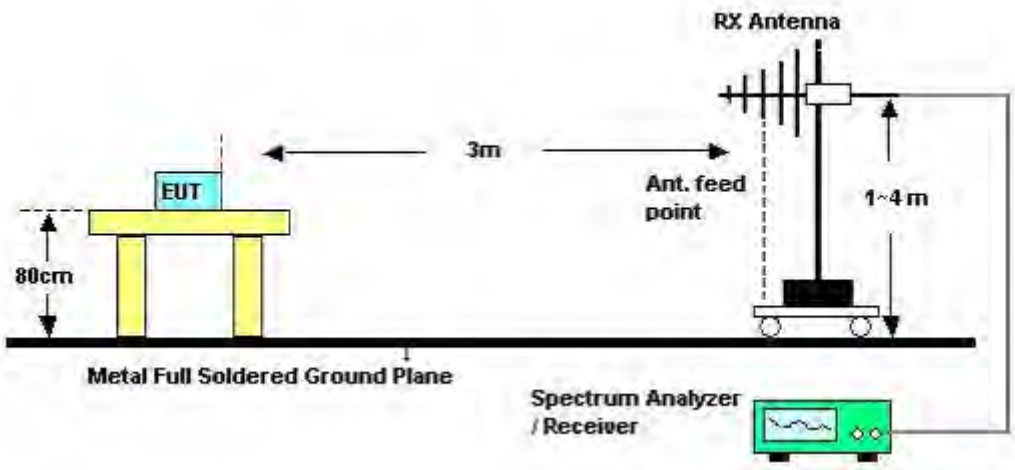
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

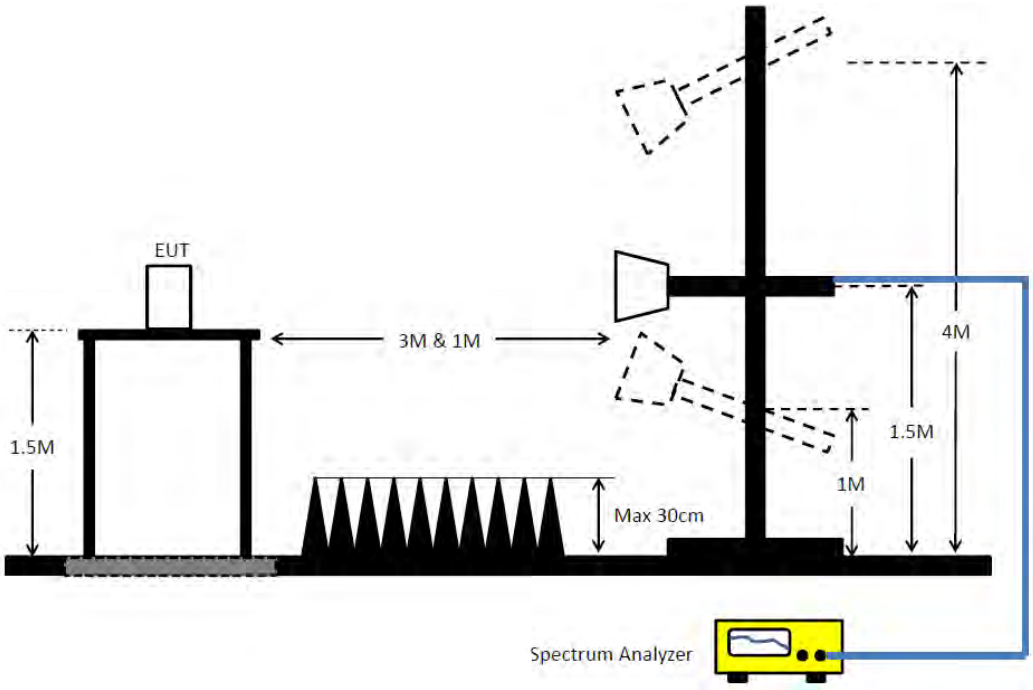
9kHz ~30MHz



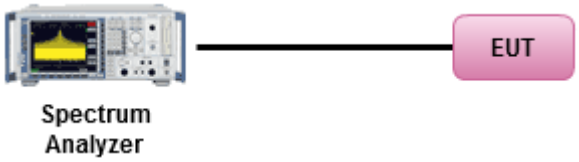
30MHz~1GHz



Above 1GHz



Emission MASK



3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

3.6.2 Measuring Instruments

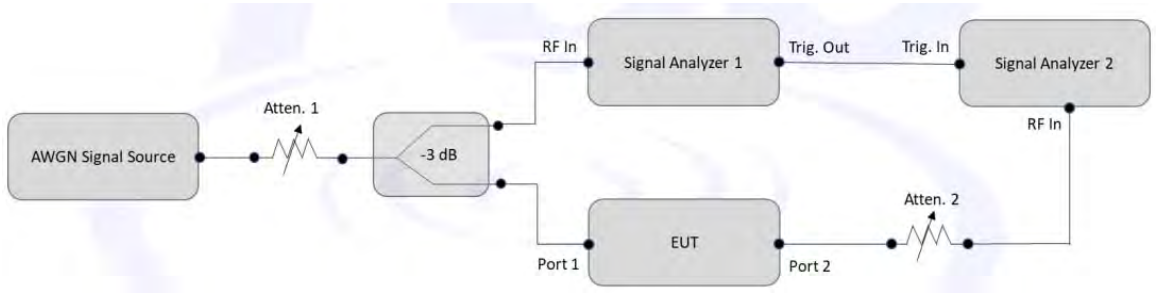
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup

Contention Based Protocol



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F

3.7 Indoor AP identification broadcast beacon

3.7.1 Statement of Indoor AP identification broadcast beacon

This EUT operates as LPI AP, and the operation power will not exceed the regulatory limit. This EUT meets the requirement of "Indoor AP identification broadcast beacon". Please refer to the operation description for detailed information.

3.8 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 03, 2019	Aug. 02, 2020	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 21, 2020	May 20, 2021	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)

Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 18, 2019	Nov. 17, 2020	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 07, 2020	Feb. 06, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 14, 2020	May 13, 2021	Conducted (DF02-CB)
Vector Signal generator	R&S	SMU200A	105352	25MHz-6GHz	Nov. 22, 2019	Nov. 21, 2020	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Dec. 20, 2019	Dec. 19, 2020	Conducted (DF02-CB)
RF Power Divider	Woken	2 Way	DFS02-DV-01	2GHz ~ 18GHz	Oct. 07, 2019	Oct. 06 2020	Conducted (DF02-CB)

RF Power Divider	Woken	2 Way	DFS02-DV-01	1GHz ~ 6GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Power Divider	Woken	2Way	DFS02-DV-03	2GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (DF02-CB)
RF Power Divider	Woken	2Way	DFS02-DV-03	1GHz ~ 6GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-02	2GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-02	1GHz ~ 6GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 06, 2019	Nov. 05, 2020	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 15, 2020	Nov. 14, 2021	Conducted (DF02-CB)

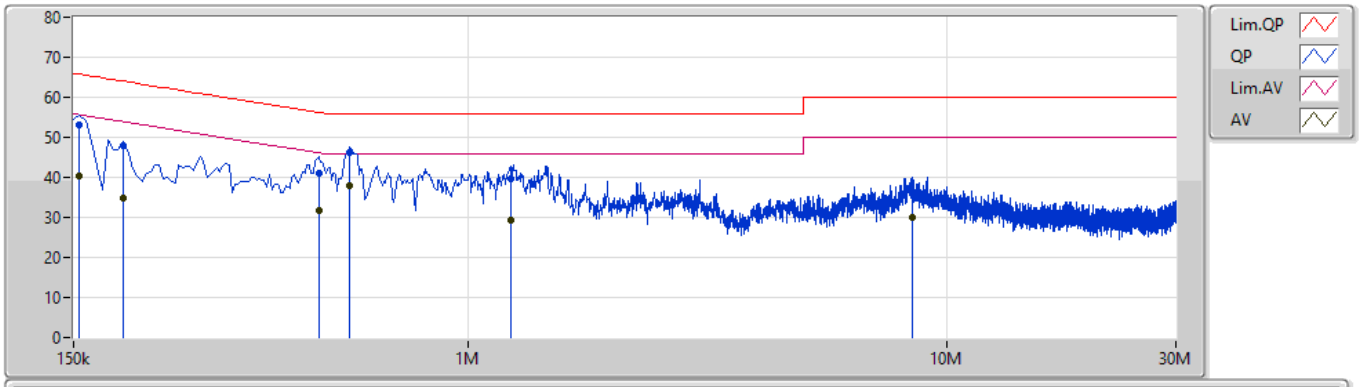
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	564k	37.78	46.00	-8.22	Line

Mode 1

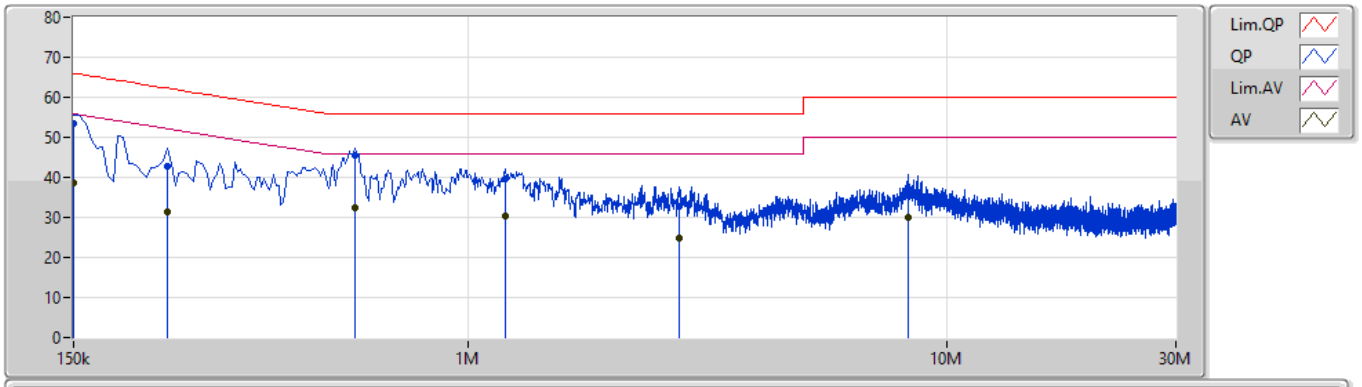
14/10/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	53.22	65.75	-12.53	9.87	Line	-	43.35	0.05	0.03	9.79
AV	154.5k	40.37	55.75	-15.38	9.87	Line	-	30.50	0.05	0.03	9.79
QP	190.5k	47.80	64.01	-16.21	9.86	Line	-	37.94	0.04	0.03	9.79
AV	190.5k	34.97	54.01	-19.04	9.86	Line	-	25.11	0.04	0.03	9.79
QP	487.5k	41.12	56.21	-15.09	9.88	Line	-	31.24	0.04	0.03	9.81
AV	487.5k	31.85	46.21	-14.36	9.88	Line	-	21.97	0.04	0.03	9.81
QP	564k	46.04	56.00	-9.96	9.88	Line	-	36.16	0.04	0.03	9.81
AV	564k	37.78	46.00	-8.22	9.88	Line	"Worst"	27.90	0.04	0.03	9.81
QP	1.226M	39.52	56.00	-16.48	9.92	Line	-	29.60	0.05	0.05	9.82
AV	1.226M	29.32	46.00	-16.68	9.92	Line	-	19.40	0.05	0.05	9.82
QP	8.435M	35.83	60.00	-24.17	10.21	Line	-	25.62	0.16	0.15	9.90
AV	8.435M	29.83	50.00	-20.17	10.21	Line	-	19.62	0.16	0.15	9.90

Mode 1

14/10/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	53.53	66.00	-12.47	9.86	Neutral	-	43.67	0.04	0.03	9.79
AV	150k	38.77	56.00	-17.23	9.86	Neutral	-	28.91	0.04	0.03	9.79
QP	235.5k	42.62	62.25	-19.63	9.86	Neutral	-	32.76	0.04	0.03	9.79
AV	235.5k	31.29	52.25	-20.96	9.86	Neutral	-	21.43	0.04	0.03	9.79
QP	582k	45.53	56.00	-10.47	9.89	Neutral	"Worst"	35.64	0.05	0.03	9.81
AV	582k	32.40	46.00	-13.60	9.89	Neutral	-	22.51	0.05	0.03	9.81
QP	1.199M	39.78	56.00	-16.22	9.93	Neutral	-	29.85	0.06	0.05	9.82
AV	1.199M	30.23	46.00	-15.77	9.93	Neutral	-	20.30	0.06	0.05	9.82
QP	2.76M	32.68	56.00	-23.32	10.00	Neutral	-	22.68	0.08	0.10	9.82
AV	2.76M	24.88	46.00	-21.12	10.00	Neutral	-	14.88	0.08	0.10	9.82
QP	8.273M	35.68	60.00	-24.32	10.20	Neutral	-	25.48	0.15	0.15	9.90
AV	8.273M	29.91	50.00	-20.09	10.20	Neutral	-	19.71	0.15	0.15	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.78M	18.999M	19M0D1D	21.33M	18.903M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.14M	37.613M	37M6D1D	39.84M	37.373M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.84M	77.145M	77M1D1D	81.12M	76.666M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.88M	155.442M	155MD1D	163.68M	154.675M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.84M	19.022M	19M0D1D	21.54M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.26M	37.613M	37M6D1D	39.72M	37.469M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	77.049M	77M0D1D	81M	76.858M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.64M	155.442M	155MD1D	163.68M	154.675M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.93M	19.022M	19M0D1D	21.54M	18.927M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.32M	37.709M	37M7D1D	39.72M	37.469M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	77.145M	77M1D1D	81M	76.858M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.6M	155.826M	156MD1D	163.44M	154.675M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.9M	19.25M	19M2D1D	21.54M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.601M	37M6D1D	39.72M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	76.882M	76M9D1D	81.12M	76.762M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.4M	154.963M	155MD1D	163.44M	154.723M

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

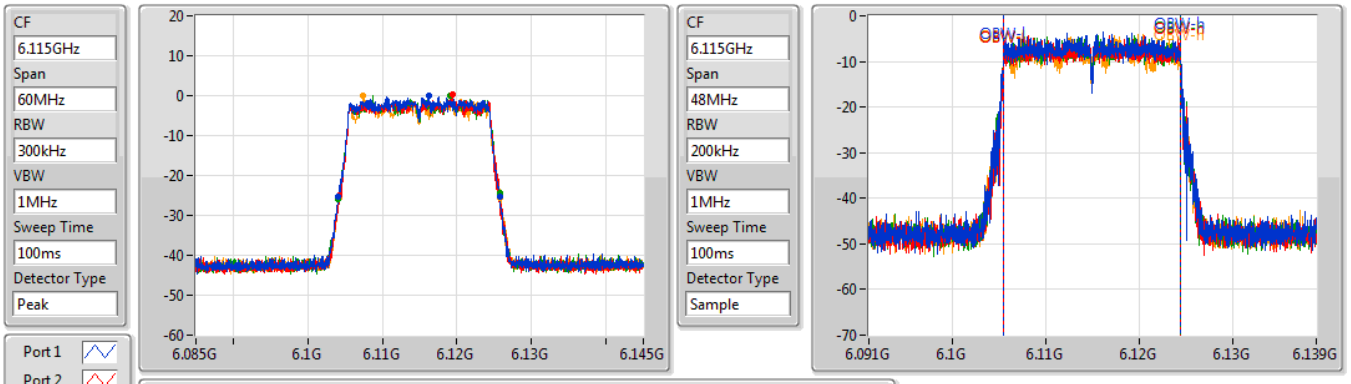
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.63M	18.975M	21.57M	18.975M	21.78M	18.975M	21.66M	18.975M
6255MHz	Pass	Inf	21.63M	18.999M	21.66M	18.903M	21.75M	18.951M	21.6M	18.975M
6415MHz	Pass	Inf	21.57M	18.975M	21.33M	18.951M	21.72M	18.999M	21.69M	18.999M
6435MHz	Pass	Inf	21.72M	18.975M	21.54M	18.999M	21.6M	18.951M	21.78M	18.975M
6475MHz	Pass	Inf	21.69M	18.951M	21.6M	18.975M	21.72M	19.022M	21.84M	19.022M
6515MHz	Pass	Inf	21.6M	18.975M	21.57M	18.975M	21.69M	18.975M	21.84M	18.999M
6535MHz	Pass	Inf	21.66M	18.975M	21.6M	18.999M	21.69M	18.999M	21.75M	18.975M
6695MHz	Pass	Inf	21.57M	18.975M	21.54M	18.951M	21.69M	18.975M	21.57M	18.927M
6855MHz	Pass	Inf	21.69M	18.975M	21.6M	18.999M	21.72M	19.022M	21.72M	18.999M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.66M	18.975M	21.63M	18.999M	21.6M	18.999M	21.93M	19.022M
6895MHz	Pass	Inf	21.63M	19.04M	21.54M	19.1M	21.6M	19.13M	21.72M	19.25M
7015MHz	Pass	Inf	21.69M	19.1M	21.57M	19.1M	21.63M	19.1M	21.78M	19.16M
7095MHz	Pass	Inf	21.87M	19.13M	21.57M	19.13M	21.54M	19.22M	21.9M	19.13M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	40.08M	37.517M	40.02M	37.613M	39.9M	37.613M	39.9M	37.373M
6245MHz	Pass	Inf	40.08M	37.613M	39.84M	37.517M	40.02M	37.469M	39.9M	37.469M
6405MHz	Pass	Inf	40.14M	37.517M	39.9M	37.565M	40.08M	37.565M	40.14M	37.565M
6445MHz	Pass	Inf	40.08M	37.517M	39.84M	37.469M	39.96M	37.469M	39.96M	37.565M
6485MHz	Pass	Inf	40.26M	37.565M	39.72M	37.613M	40.08M	37.517M	39.96M	37.565M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.08M	37.517M	39.9M	37.565M	40.14M	37.613M	40.08M	37.469M
6565MHz	Pass	Inf	40.2M	37.517M	39.96M	37.469M	40.02M	37.565M	40.02M	37.565M
6685MHz	Pass	Inf	40.26M	37.709M	39.96M	37.613M	40.32M	37.613M	40.2M	37.565M
6845MHz	Pass	Inf	40.14M	37.517M	39.72M	37.469M	40.08M	37.565M	40.14M	37.565M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.14M	37.565M	39.84M	37.565M	39.84M	37.613M	40.08M	37.613M
6925MHz	Pass	Inf	40.08M	37.481M	39.72M	37.481M	39.84M	37.481M	40.02M	37.541M
7005MHz	Pass	Inf	40.2M	37.481M	39.78M	37.541M	39.9M	37.541M	40.08M	37.481M
7085MHz	Pass	Inf	40.2M	37.481M	39.9M	37.601M	40.02M	37.541M	40.08M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.48M	77.049M	81.12M	77.049M	81.84M	77.145M	81.84M	76.666M
6225MHz	Pass	Inf	81.36M	76.954M	81.24M	77.049M	81.6M	76.858M	81.6M	76.858M
6385MHz	Pass	Inf	81.6M	77.049M	81.12M	77.049M	81.48M	76.858M	81.72M	77.145M
6465MHz	Pass	Inf	81.48M	77.049M	81.24M	76.858M	81.6M	76.954M	82.08M	77.049M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.36M	77.049M	81M	76.954M	81.72M	76.954M	81.96M	76.954M
6625MHz	Pass	Inf	81.36M	76.954M	81M	76.954M	81.36M	77.049M	81.72M	76.858M
6705MHz	Pass	Inf	81.48M	77.145M	81.36M	76.954M	81.6M	77.049M	81.6M	77.049M
6785MHz	Pass	Inf	81.48M	77.049M	81.24M	77.049M	81.6M	76.954M	81.72M	77.049M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.48M	76.954M	81M	76.858M	81.6M	76.954M	82.08M	77.049M
6945MHz	Pass	Inf	81.36M	76.882M	81.12M	76.762M	81.24M	76.882M	81.96M	76.882M
7025MHz	Pass	Inf	81.48M	76.882M	81.24M	76.882M	81.24M	76.882M	82.08M	76.762M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	164.64M	155.442M	164.64M	154.675M	164.64M	155.058M	163.68M	155.058M
6345MHz	Pass	Inf	164.88M	154.867M	164.16M	155.058M	164.4M	155.058M	163.68M	154.867M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	164.64M	155.442M	164.4M	155.058M	164.4M	154.675M	163.68M	154.867M
6665MHz	Pass	Inf	165.36M	155.826M	164.64M	155.826M	164.16M	155.634M	164.88M	155.826M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.12M	154.675M	165.6M	154.867M	164.88M	155.25M	163.44M	154.867M
6985MHz	Pass	Inf	164.4M	154.963M	164.16M	154.723M	163.44M	154.963M	164.4M	154.963M

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

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6115MHz

26/09/2020

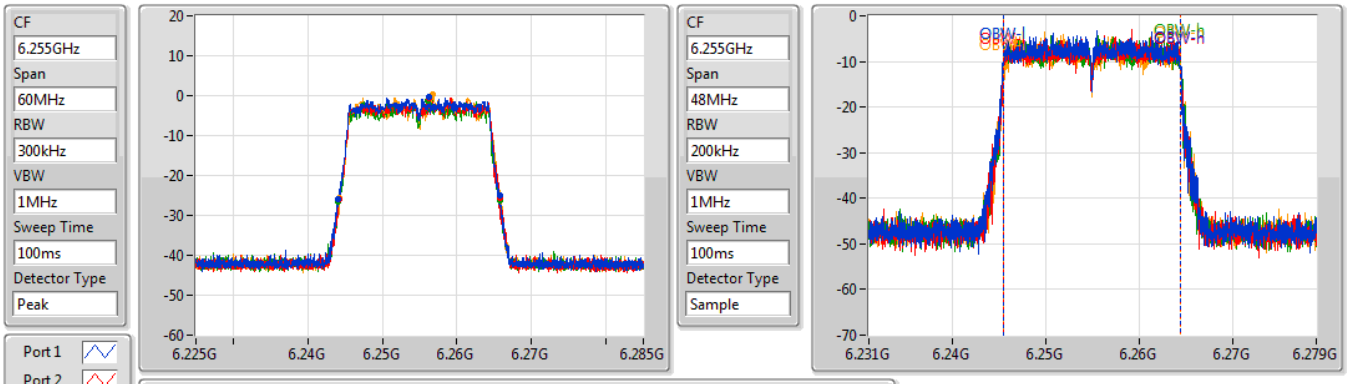


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.10411G	6.12574G	18.975M	6.105429G	6.124403G	Inf	1
21.57M	6.10426G	6.12583G	18.975M	6.105429G	6.124403G	Inf	2
21.78M	6.10402G	6.1258G	18.975M	6.105429G	6.124403G	Inf	3
21.66M	6.1042G	6.12586G	18.975M	6.105429G	6.124403G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6255MHz

26/09/2020

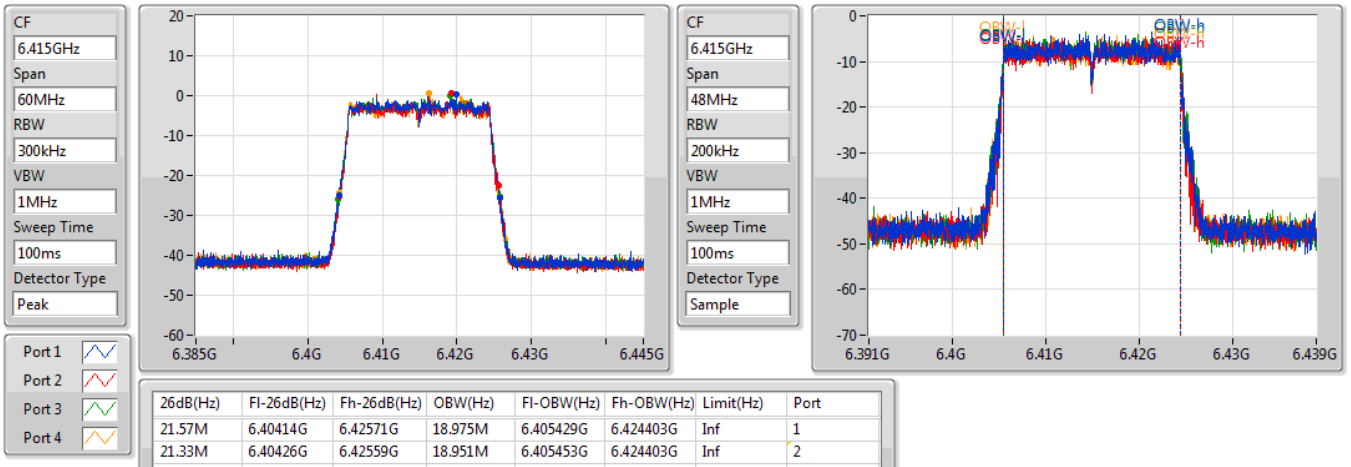


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.24408G	6.26571G	18.999M	6.245405G	6.264403G	Inf	1
21.66M	6.24417G	6.26583G	18.903M	6.245477G	6.264379G	Inf	2
21.75M	6.24405G	6.2658G	18.951M	6.245429G	6.264379G	Inf	3
21.6M	6.2442G	6.2658G	18.975M	6.245477G	6.264451G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6415MHz

26/09/2020

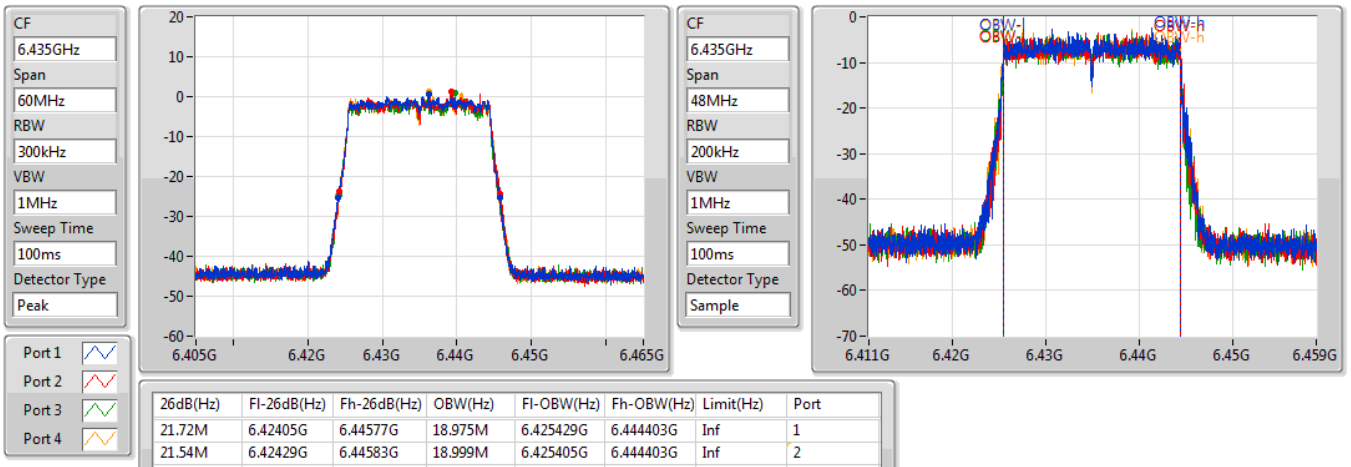


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	6.40414G	6.42571G	18.975M	6.405429G	6.424403G	Inf	1
21.33M	6.40426G	6.42559G	18.951M	6.405453G	6.424403G	Inf	2
21.72M	6.40408G	6.4258G	18.999M	6.405429G	6.424427G	Inf	3
21.69M	6.40417G	6.42586G	18.999M	6.405405G	6.424403G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6435MHz

26/09/2020

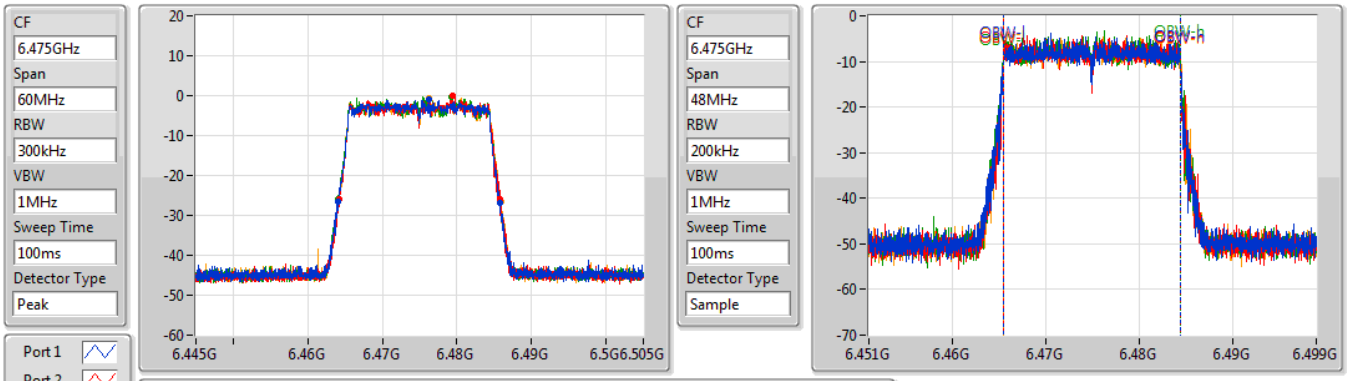


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.42405G	6.44577G	18.975M	6.425429G	6.444403G	Inf	1
21.54M	6.42429G	6.44583G	18.999M	6.425405G	6.444403G	Inf	2
21.6M	6.42414G	6.44574G	18.951M	6.425453G	6.444403G	Inf	3
21.78M	6.42408G	6.44586G	18.975M	6.425405G	6.444379G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6475MHz

26/09/2020

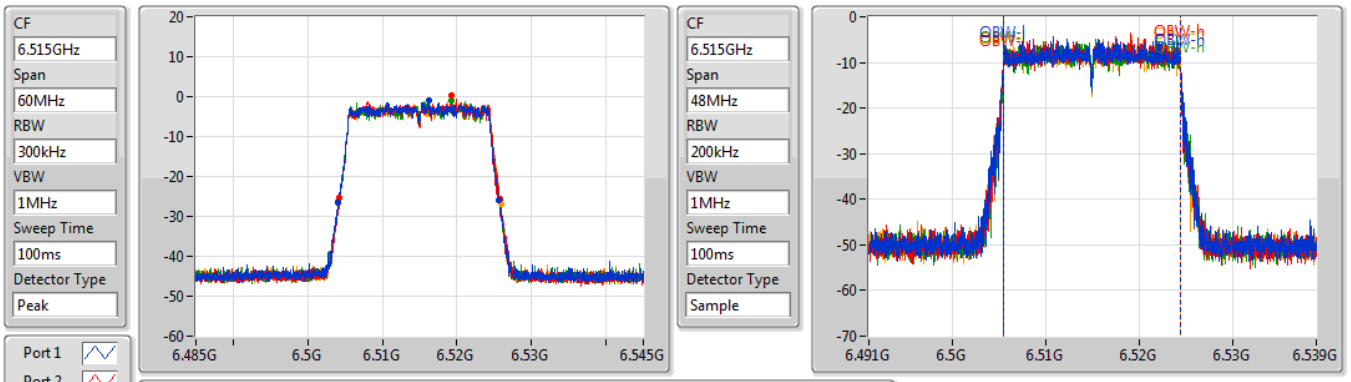


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.46411G	6.4858G	18.951M	6.465429G	6.484379G	Inf	1
21.6M	6.46423G	6.48583G	18.975M	6.465429G	6.484403G	Inf	2
21.72M	6.46408G	6.4858G	19.022M	6.465381G	6.484403G	Inf	3
21.84M	6.46408G	6.48592G	19.022M	6.465405G	6.484427G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6515MHz

26/09/2020

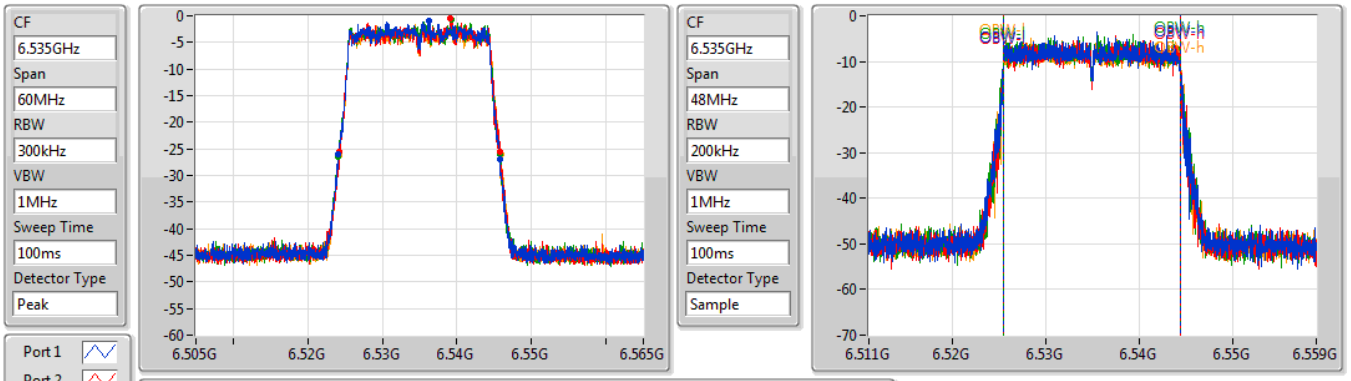


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.50408G	6.52568G	18.975M	6.505429G	6.524403G	Inf	1
21.57M	6.50426G	6.52583G	18.975M	6.505429G	6.524403G	Inf	2
21.69M	6.50408G	6.52577G	18.975M	6.505429G	6.524403G	Inf	3
21.84M	6.50408G	6.52592G	18.999M	6.505405G	6.524403G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6535MHz

26/09/2020

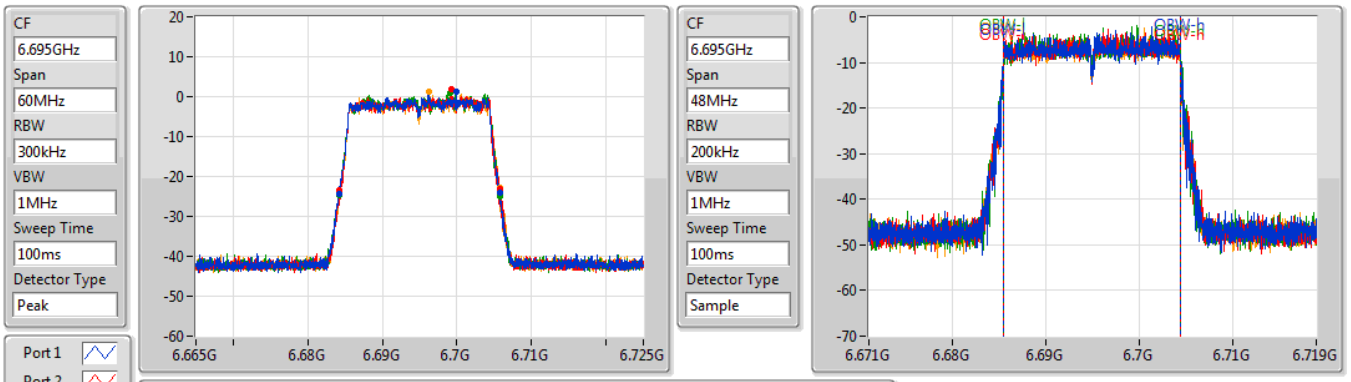


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.52411G	6.54577G	18.975M	6.525429G	6.544403G	Inf	1
21.6M	6.52423G	6.54583G	18.999M	6.525429G	6.544427G	Inf	2
21.69M	6.52408G	6.54577G	18.999M	6.525405G	6.544403G	Inf	3
21.75M	6.52414G	6.54589G	18.975M	6.525453G	6.544427G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6695MHz

26/09/2020

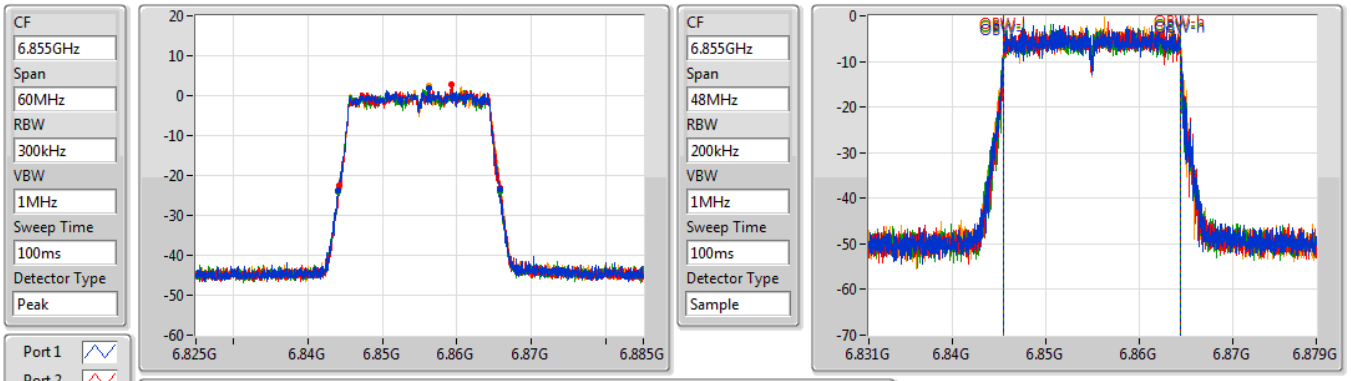


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	6.68417G	6.70574G	18.975M	6.685453G	6.704427G	Inf	1
21.54M	6.68423G	6.70577G	18.951M	6.685477G	6.704427G	Inf	2
21.69M	6.68414G	6.70583G	18.975M	6.685453G	6.704427G	Inf	3
21.57M	6.6842G	6.70577G	18.927M	6.685477G	6.704403G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6855MHz

26/09/2020

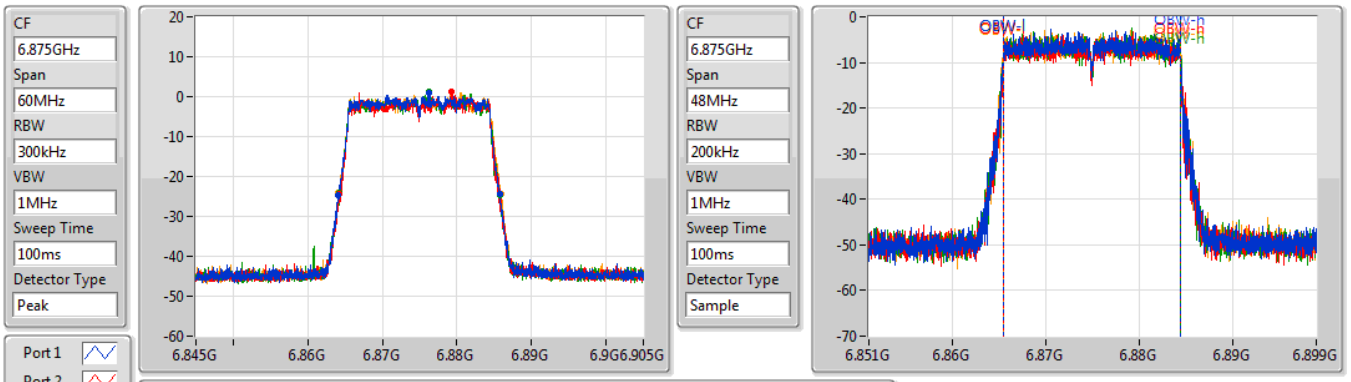


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.84408G	6.86577G	18.975M	6.845429G	6.864403G	Inf	1
21.6M	6.84426G	6.86586G	18.999M	6.845429G	6.864427G	Inf	2
21.72M	6.84411G	6.86583G	19.022M	6.845405G	6.864427G	Inf	3
21.72M	6.84414G	6.86586G	18.999M	6.845429G	6.864427G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6875MHz Straddle 6.525-6.875GHz

26/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.86411G	6.88577G	18.975M	6.865429G	6.884403G	Inf	1
21.63M	6.8642G	6.88583G	18.999M	6.865429G	6.884427G	Inf	2
21.6M	6.86417G	6.88577G	18.999M	6.865405G	6.884403G	Inf	3
21.93M	6.86402G	6.88595G	19.022M	6.865405G	6.884427G	Inf	4

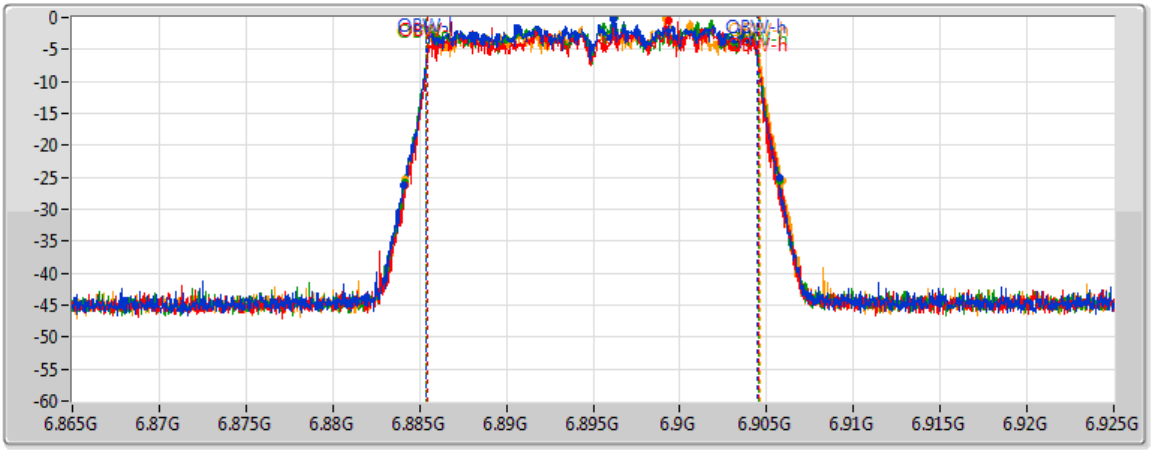
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

6895MHz

26/09/2020

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
21.63M	6.88408G	6.90571G	19.04M	6.885405G	6.904445G	0	1
21.54M	6.8842G	6.90574G	19.1M	6.885435G	6.904535G	0	2
21.6M	6.88414G	6.90574G	19.13M	6.885375G	6.904505G	0	3
21.72M	6.88417G	6.90589G	19.25M	6.885375G	6.904625G	0	4

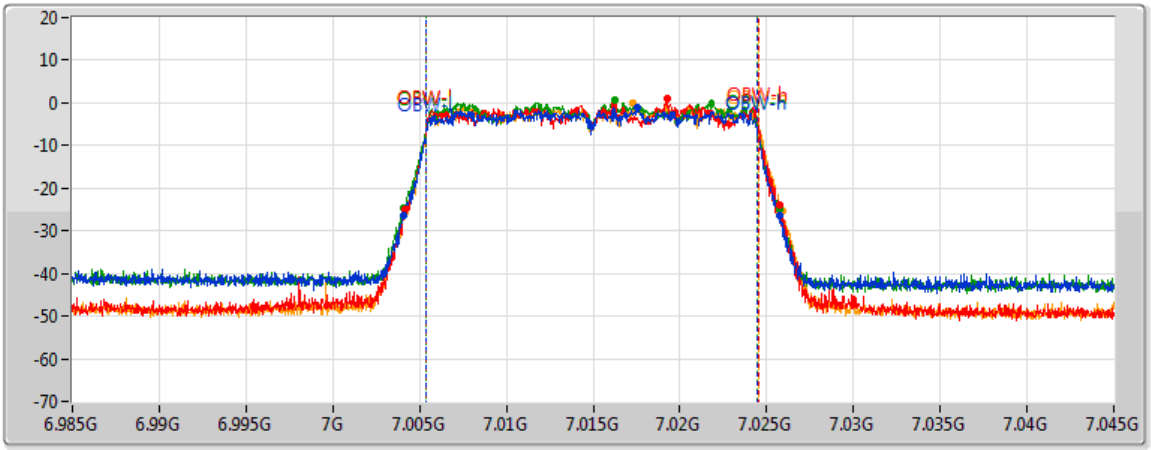
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

7015MHz

26/09/2020

CF	7.015GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4

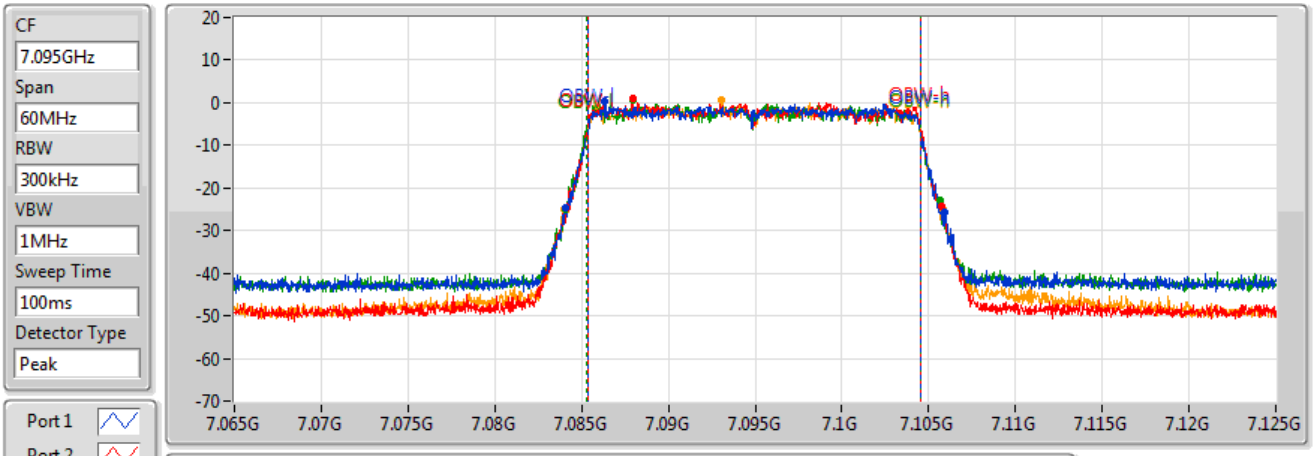


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	7.00405G	7.02574G	19.1M	7.005375G	7.024475G	0	1
21.57M	7.0042G	7.02577G	19.1M	7.005405G	7.024505G	0	2
21.63M	7.00411G	7.02574G	19.1M	7.005375G	7.024475G	0	3
21.78M	7.00414G	7.02592G	19.16M	7.005405G	7.024565G	0	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

7095MHz

29/09/2020

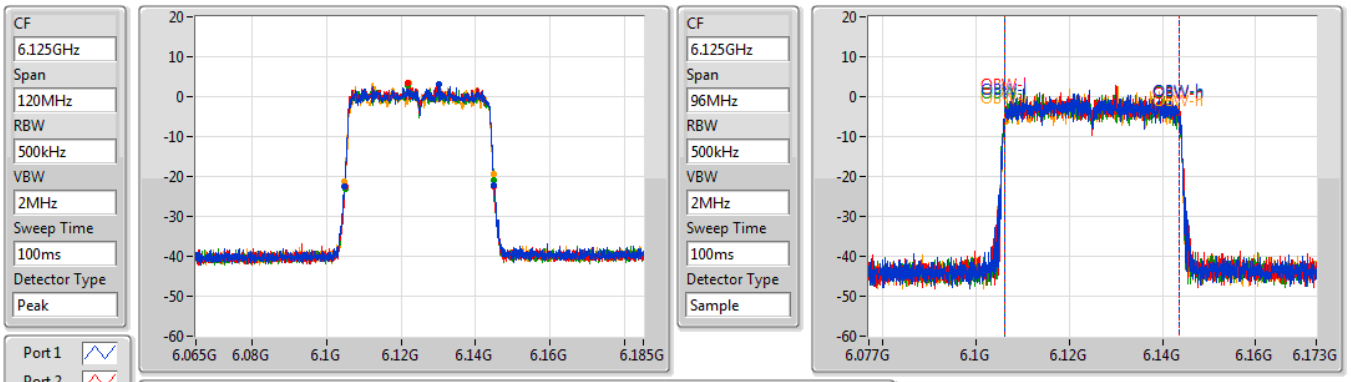


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	7.08405G	7.10592G	19.13M	7.085375G	7.104505G	0	1
21.57M	7.08414G	7.10571G	19.13M	7.085375G	7.104505G	0	2
21.54M	7.08408G	7.10562G	19.22M	7.085285G	7.104505G	0	3
21.9M	7.08396G	7.10586G	19.13M	7.085375G	7.104505G	0	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6125MHz

26/09/2020

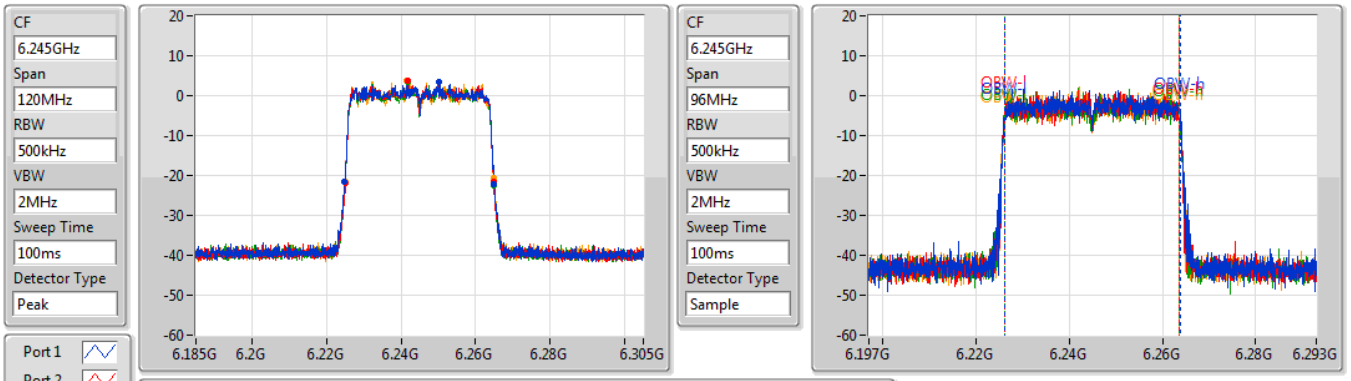


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.1049G	6.14498G	37.517M	6.106145G	6.143663G	Inf	1
40.02M	6.10496G	6.14498G	37.613M	6.106097G	6.143711G	Inf	2
39.9M	6.10496G	6.14486G	37.613M	6.106097G	6.143711G	Inf	3
39.9M	6.1049G	6.1448G	37.373M	6.106241G	6.143615G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6245MHz

26/09/2020

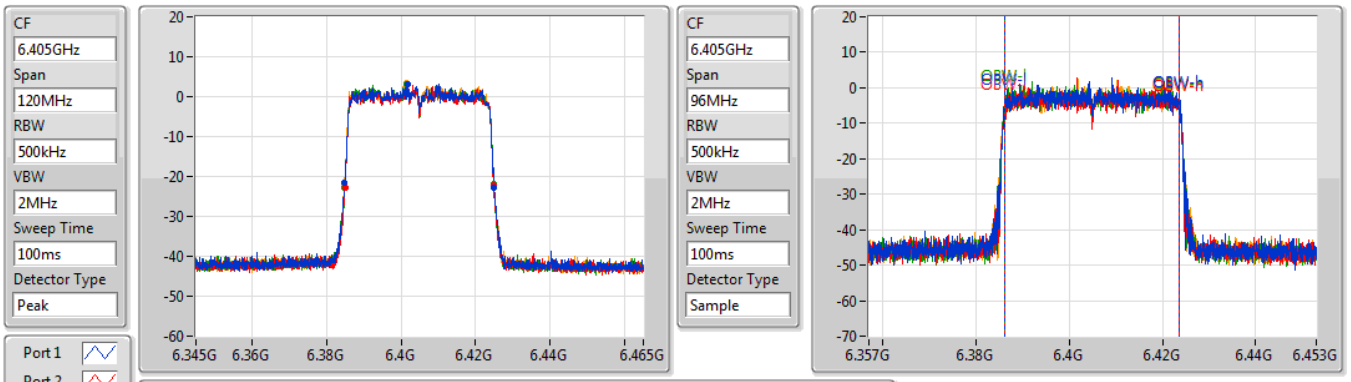


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.2249G	6.26498G	37.613M	6.226145G	6.263759G	Inf	1
39.84M	6.22502G	6.26486G	37.517M	6.226193G	6.263711G	Inf	2
40.02M	6.22496G	6.26498G	37.469M	6.226145G	6.263615G	Inf	3
39.9M	6.22496G	6.26486G	37.469M	6.226193G	6.263663G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6405MHz

26/09/2020

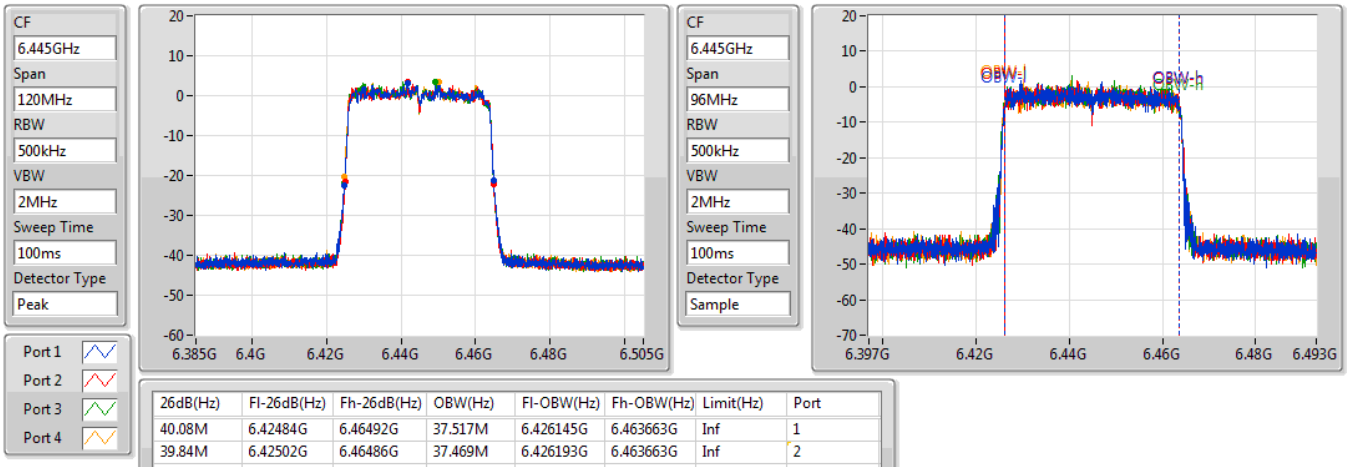


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.3849G	6.42504G	37.517M	6.3861145G	6.423663G	Inf	1
39.9M	6.38496G	6.42486G	37.565M	6.386097G	6.423663G	Inf	2
40.08M	6.38484G	6.42492G	37.565M	6.386097G	6.423663G	Inf	3
40.14M	6.38478G	6.42492G	37.565M	6.386097G	6.423663G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6445MHz

26/09/2020

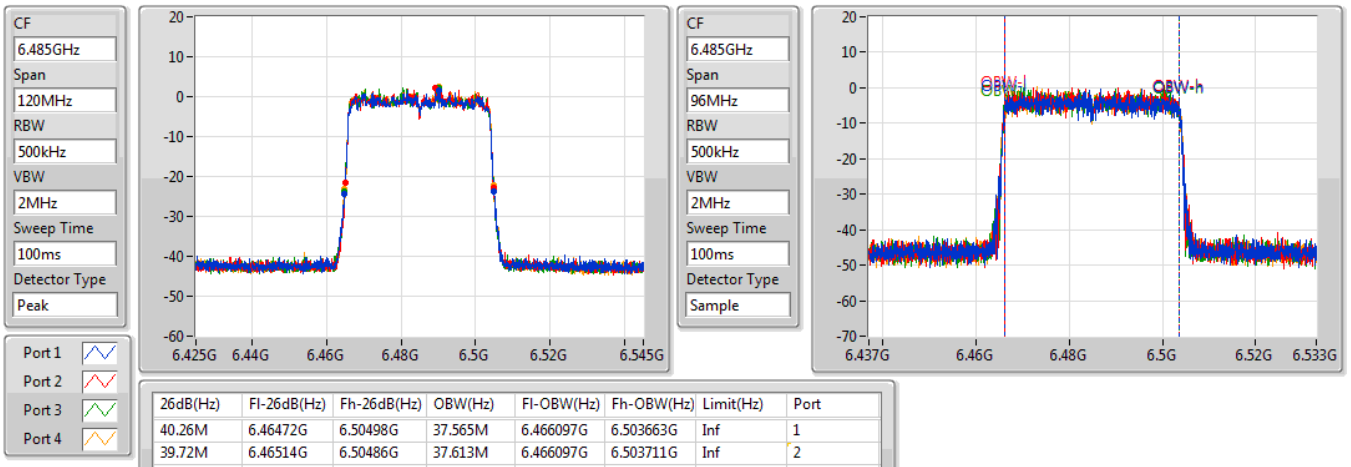


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.42484G	6.46492G	37.517M	6.426145G	6.463663G	Inf	1
39.84M	6.42502G	6.46486G	37.469M	6.426193G	6.463663G	Inf	2
39.96M	6.4249G	6.46486G	37.469M	6.426145G	6.463615G	Inf	3
39.96M	6.4249G	6.46486G	37.565M	6.426097G	6.463663G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6485MHz

26/09/2020

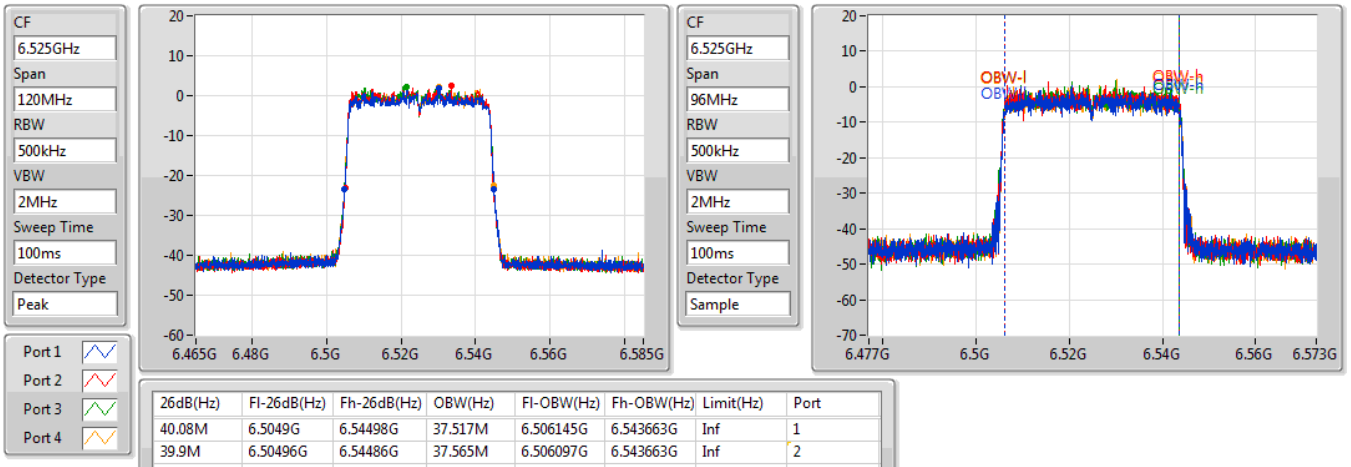


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.46472G	6.50498G	37.565M	6.466097G	6.503663G	Inf	1
39.72M	6.46514G	6.50486G	37.613M	6.466097G	6.503711G	Inf	2
40.08M	6.4649G	6.50498G	37.517M	6.466097G	6.503615G	Inf	3
39.96M	6.46484G	6.5048G	37.565M	6.466097G	6.503663G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6525MHz Straddle 6.425-6.525GHz

26/09/2020

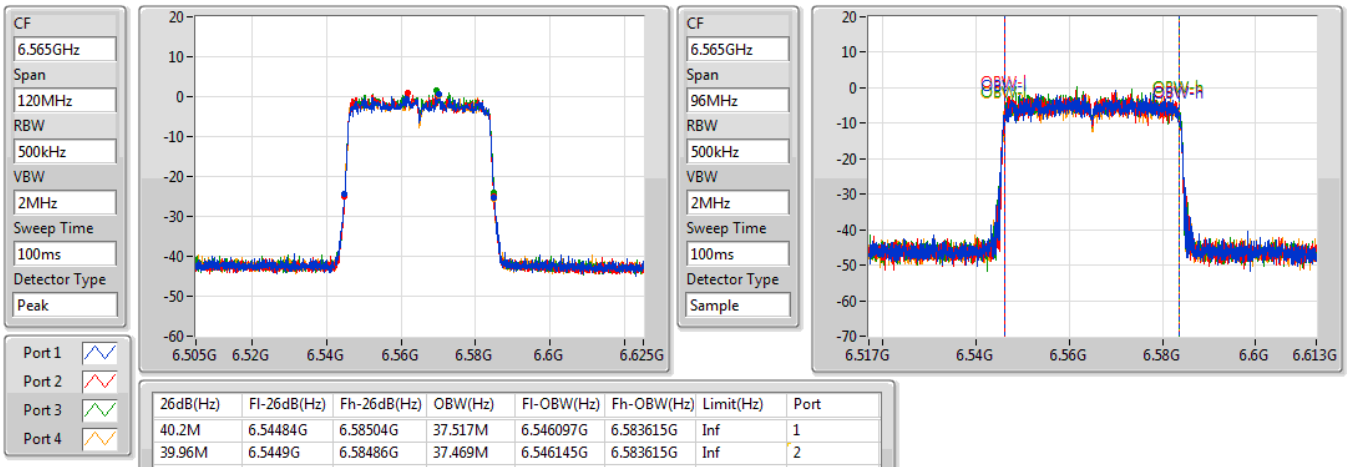


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.5049G	6.54498G	37.517M	6.506145G	6.543663G	Inf	1
39.9M	6.50496G	6.54486G	37.565M	6.506097G	6.543663G	Inf	2
40.14M	6.50484G	6.54498G	37.613M	6.506097G	6.543711G	Inf	3
40.08M	6.50478G	6.54486G	37.469M	6.506145G	6.543615G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6565MHz

26/09/2020

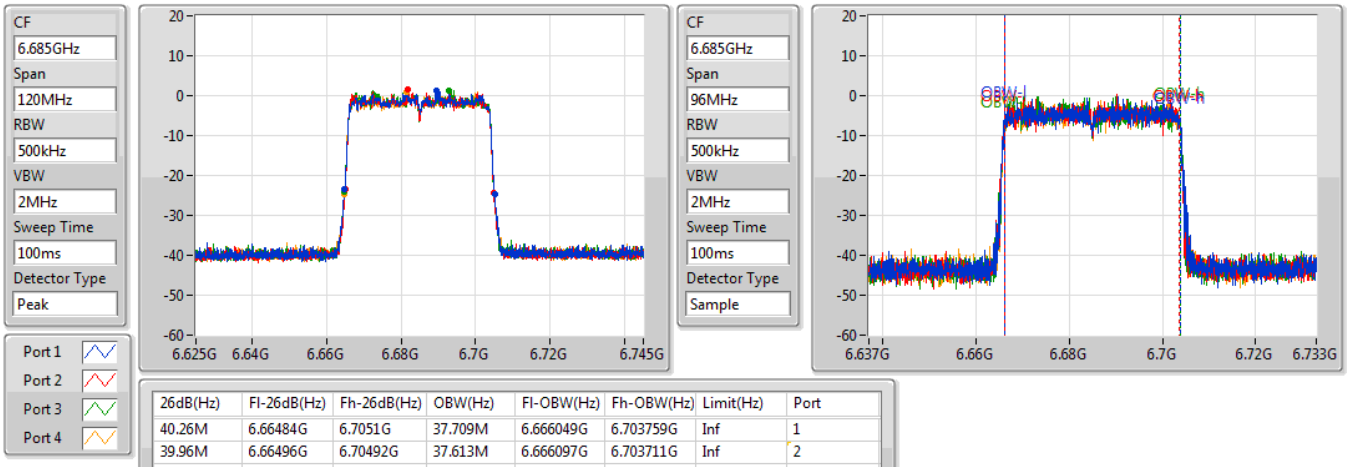


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	6.54484G	6.58504G	37.517M	6.546097G	6.583615G	Inf	1
39.96M	6.5449G	6.58486G	37.469M	6.546145G	6.583615G	Inf	2
40.02M	6.5449G	6.58492G	37.565M	6.546145G	6.583711G	Inf	3
40.02M	6.5449G	6.58492G	37.565M	6.546097G	6.583663G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6685MHz

26/09/2020

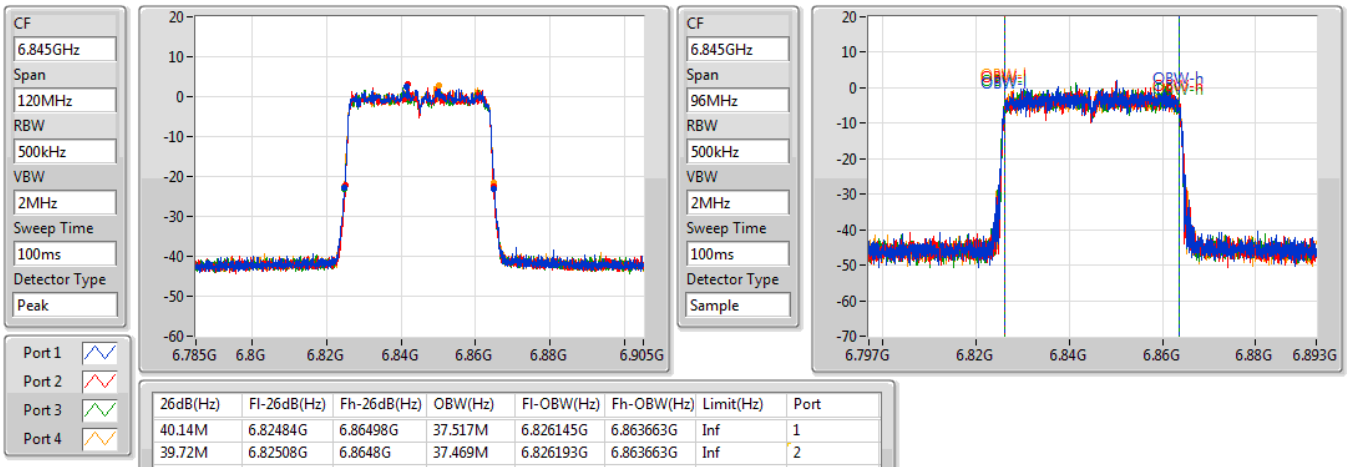


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.66484G	6.7051G	37.709M	6.666049G	6.703759G	Inf	1
39.96M	6.66496G	6.70492G	37.613M	6.666097G	6.703711G	Inf	2
40.32M	6.66478G	6.7051G	37.613M	6.666145G	6.703759G	Inf	3
40.2M	6.66478G	6.70498G	37.565M	6.666097G	6.703663G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6845MHz

26/09/2020



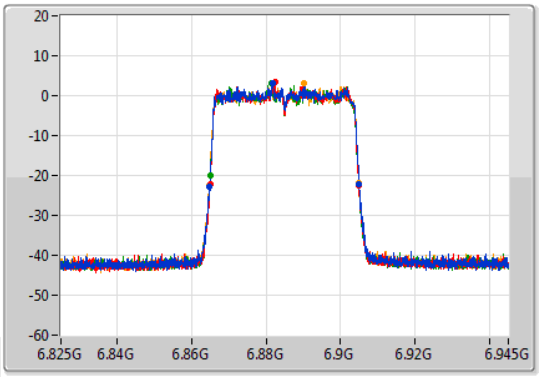
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.82484G	6.86498G	37.517M	6.826145G	6.863663G	Inf	1
39.72M	6.82508G	6.8648G	37.469M	6.826193G	6.863663G	Inf	2
40.08M	6.82484G	6.86492G	37.565M	6.826097G	6.863663G	Inf	3
40.14M	6.82484G	6.86498G	37.565M	6.826145G	6.863711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

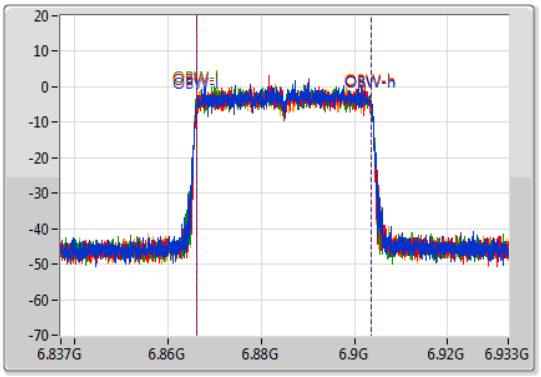
6885MHz Straddle 6.525-6.875GHz

26/09/2020

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



CF 6.885GHz
Span 96MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

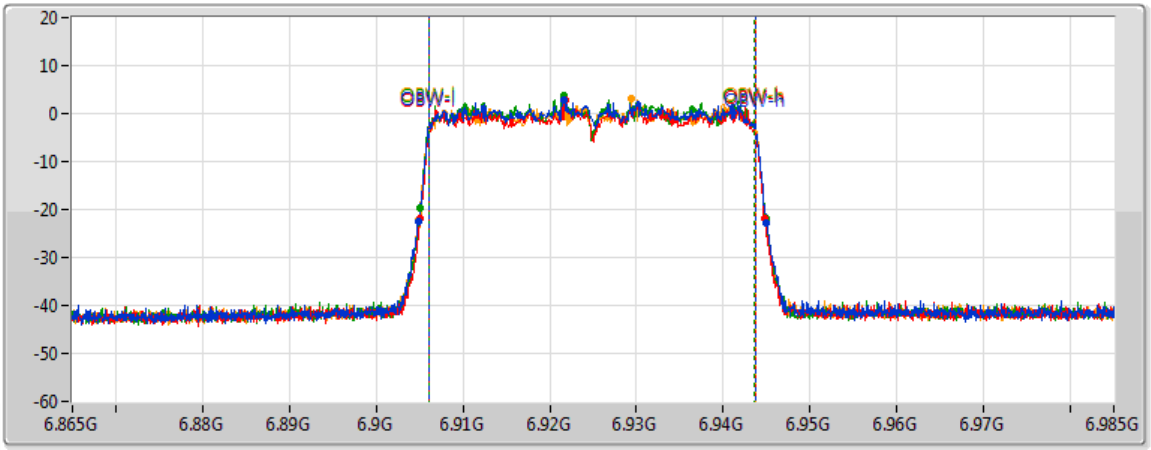
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.86484G	6.90498G	37.565M	6.866097G	6.903663G	Inf	1
39.84M	6.86502G	6.90486G	37.565M	6.866097G	6.903663G	Inf	2
39.84M	6.86502G	6.90486G	37.613M	6.866049G	6.903663G	Inf	3
40.08M	6.86484G	6.90492G	37.613M	6.866097G	6.903711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

6925MHz

26/09/2020

CF 6.925GHz
Span 120MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.9049G	6.94498G	37.481M	6.906169G	6.943651G	0	1
39.72M	6.90508G	6.9448G	37.481M	6.906169G	6.943651G	0	2
39.84M	6.90502G	6.94486G	37.481M	6.906109G	6.943591G	0	3
40.02M	6.9049G	6.94492G	37.541M	6.906169G	6.943711G	0	4

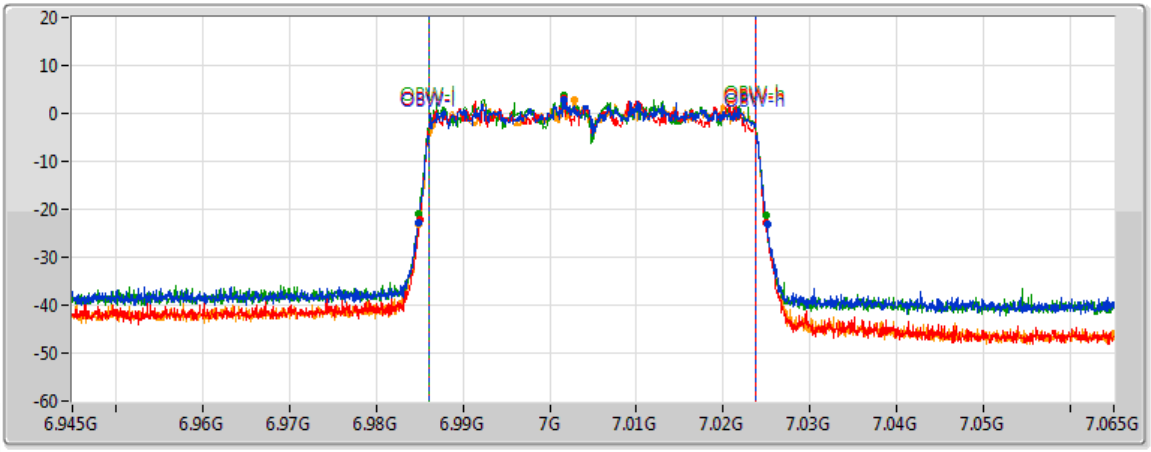
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

7005MHz

26/09/2020

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

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	6.98484G	7.02504G	37.481M	6.986169G	7.023651G	0	1
39.78M	6.98508G	7.02486G	37.541M	6.986109G	7.023651G	0	2
39.9M	6.98496G	7.02486G	37.541M	6.986109G	7.023651G	0	3
40.08M	6.98484G	7.02492G	37.481M	6.986169G	7.023651G	0	4

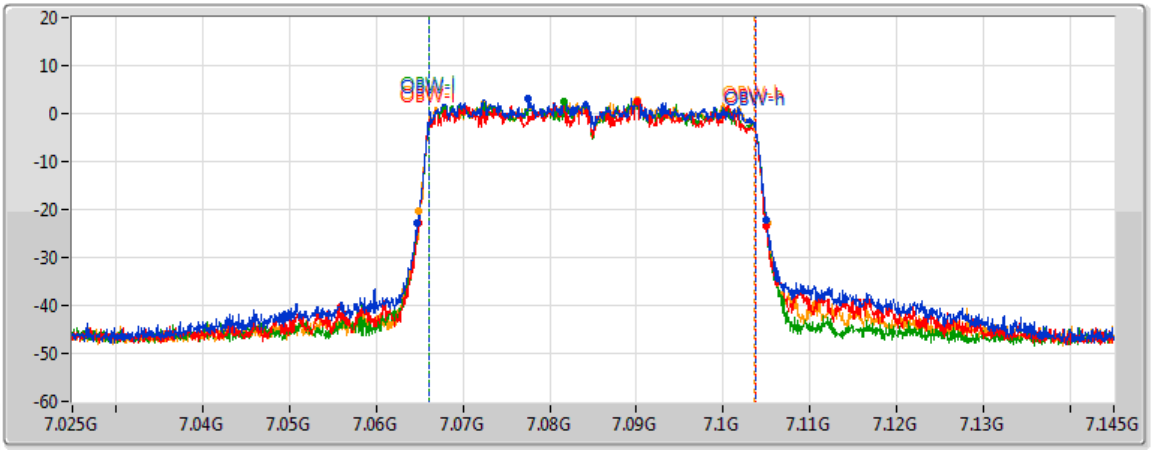
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

7085MHz

26/09/2020

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

Port 1
Port 2
Port 3
Port 4

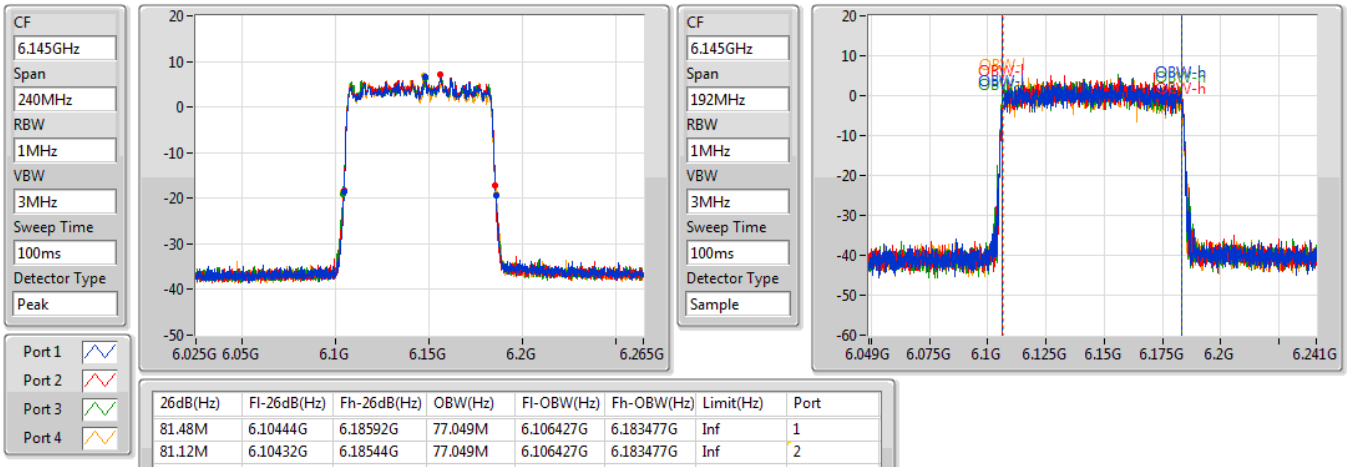


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	7.06478G	7.10498G	37.481M	7.066169G	7.103651G	0	1
39.9M	7.06496G	7.10486G	37.601M	7.066049G	7.103651G	0	2
40.02M	7.06496G	7.10498G	37.541M	7.066109G	7.103651G	0	3
40.08M	7.06496G	7.10504G	37.481M	7.066109G	7.103591G	0	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6145MHz

26/09/2020

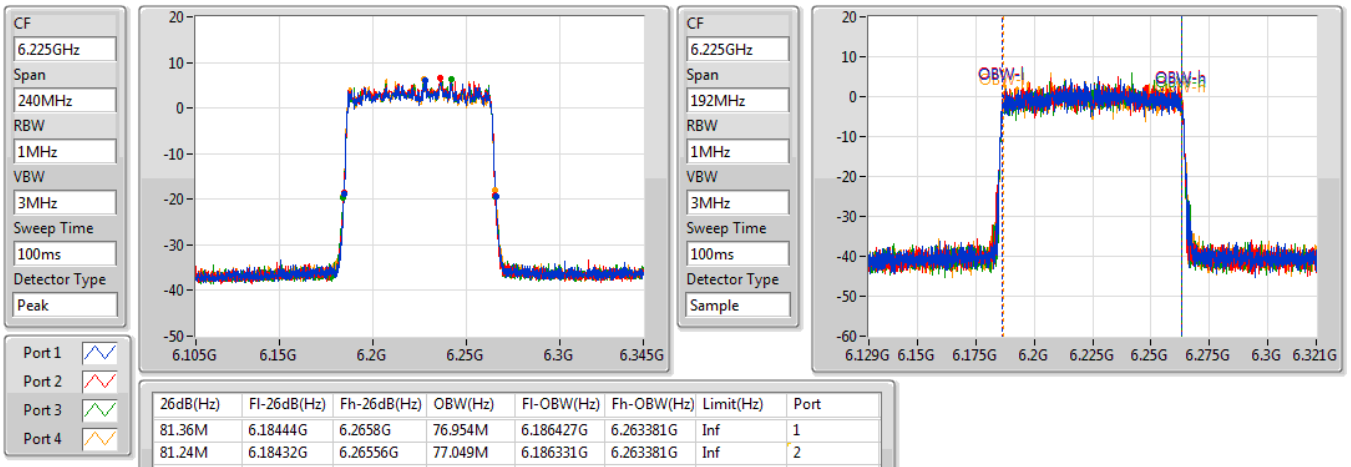


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.10444G	6.18592G	77.049M	6.106427G	6.183477G	Inf	1
81.12M	6.10432G	6.18544G	77.049M	6.106427G	6.183477G	Inf	2
81.84M	6.10396G	6.1858G	77.145M	6.106331G	6.183477G	Inf	3
81.84M	6.1042G	6.18604G	76.666M	6.106523G	6.183189G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6225MHz

26/09/2020

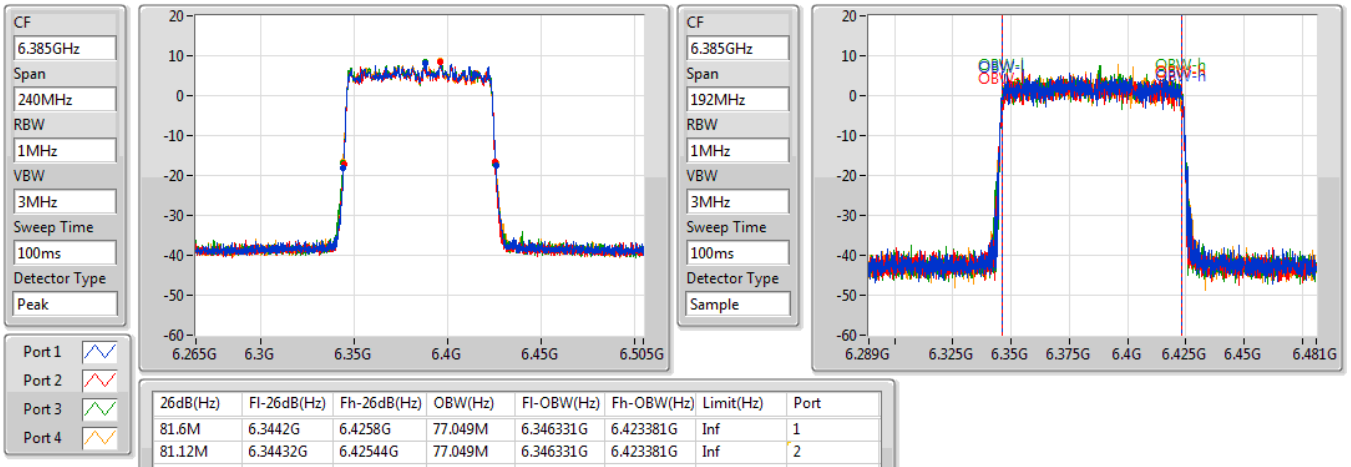


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.18444G	6.2658G	76.954M	6.186427G	6.263381G	Inf	1
81.24M	6.18432G	6.26556G	77.049M	6.186331G	6.263381G	Inf	2
81.6M	6.18408G	6.26568G	76.858M	6.186427G	6.263285G	Inf	3
81.6M	6.18408G	6.26568G	76.858M	6.186523G	6.263381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6385MHz

26/09/2020

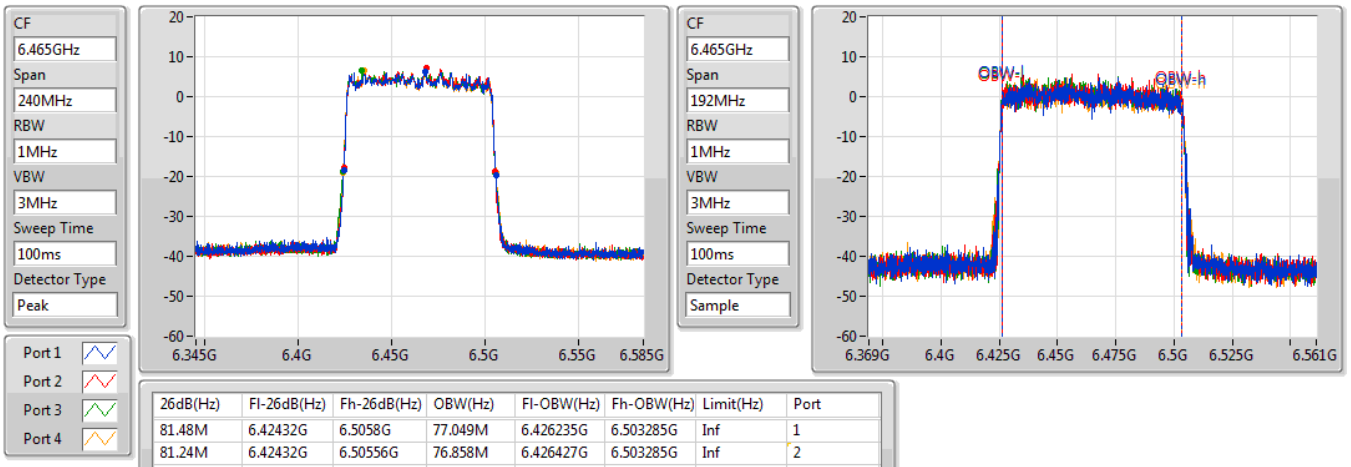


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	6.3442G	6.4258G	77.049M	6.346331G	6.423381G	Inf	1
81.12M	6.34432G	6.42544G	77.049M	6.346331G	6.423381G	Inf	2
81.48M	6.34408G	6.42556G	76.858M	6.346427G	6.423285G	Inf	3
81.72M	6.34408G	6.4258G	77.145M	6.346235G	6.423381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6465MHz

26/09/2020

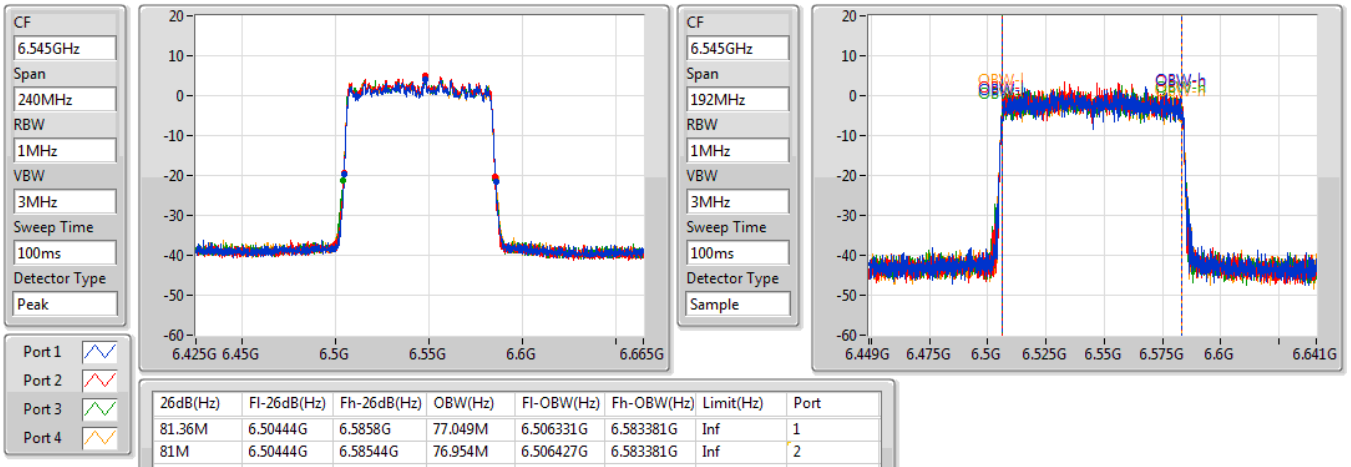


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.42432G	6.5058G	77.049M	6.426235G	6.503285G	Inf	1
81.24M	6.42432G	6.50556G	76.858M	6.426427G	6.503285G	Inf	2
81.6M	6.42396G	6.50556G	76.954M	6.426235G	6.503189G	Inf	3
82.08M	6.42384G	6.50592G	77.049M	6.426235G	6.503285G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6545MHz Straddle 6.425-6.525GHz

26/09/2020

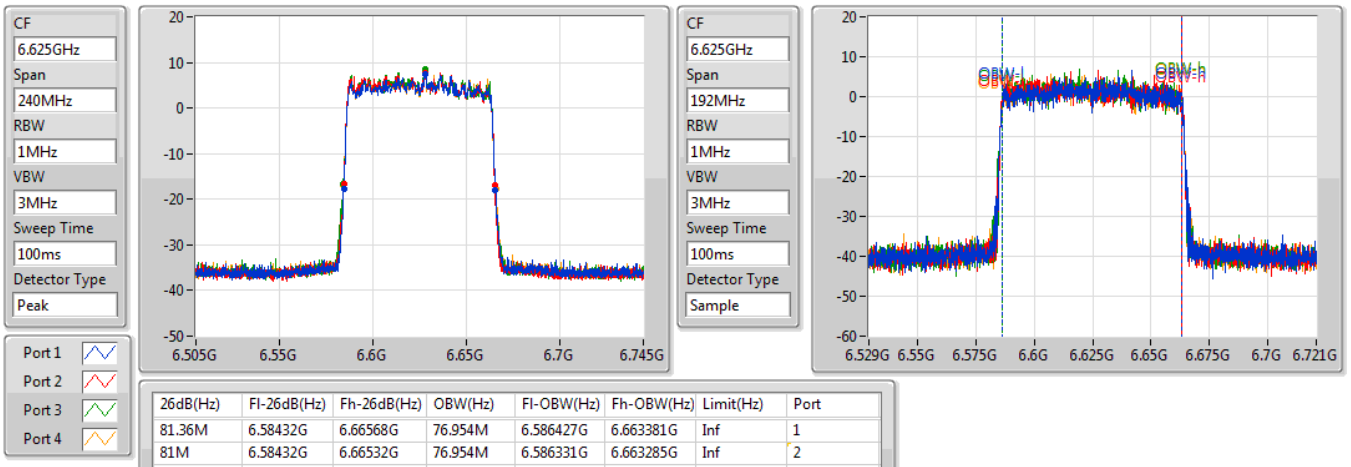


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.50444G	6.5858G	77.049M	6.506331G	6.583381G	Inf	1
81M	6.50444G	6.58544G	76.954M	6.506427G	6.583381G	Inf	2
81.72M	6.50384G	6.58556G	76.954M	6.506427G	6.583381G	Inf	3
81.96M	6.50396G	6.58592G	76.954M	6.506331G	6.583285G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6625MHz

26/09/2020

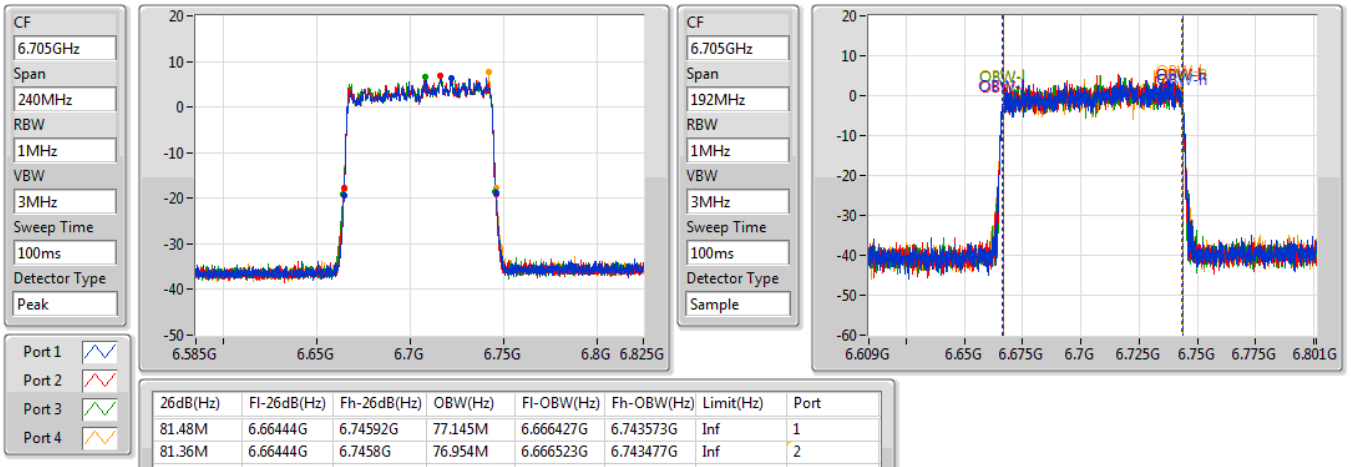


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.58432G	6.66568G	76.954M	6.586427G	6.663381G	Inf	1
81M	6.58432G	6.66532G	76.954M	6.586331G	6.663285G	Inf	2
81.36M	6.58408G	6.66544G	77.049M	6.586331G	6.663381G	Inf	3
81.72M	6.58408G	6.6658G	76.858M	6.586427G	6.663285G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6705MHz

26/09/2020

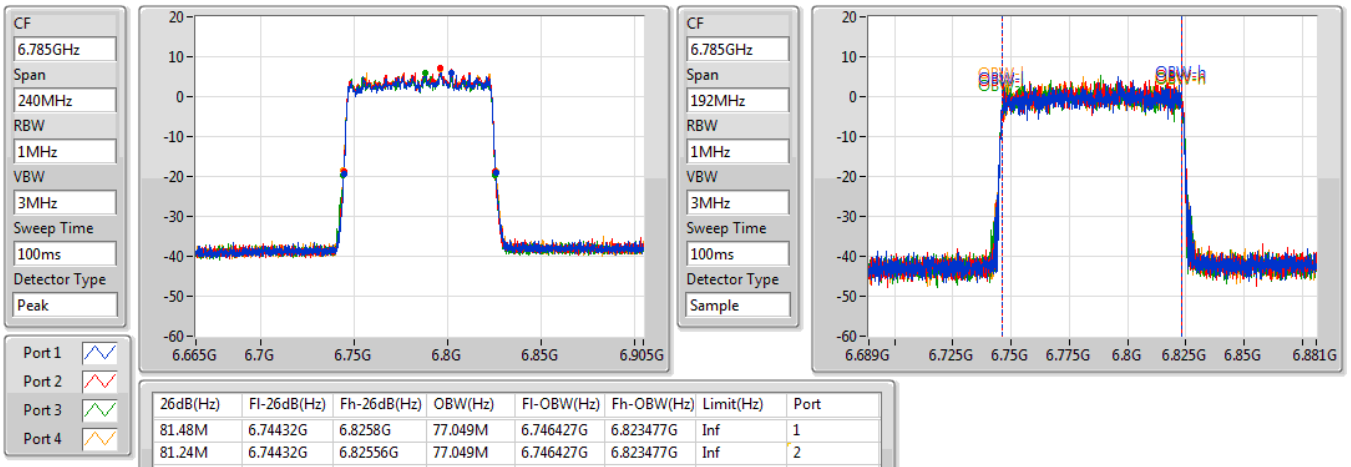


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.66444G	6.74592G	77.145M	6.666427G	6.743573G	Inf	1
81.36M	6.66444G	6.7458G	76.954M	6.666523G	6.743477G	Inf	2
81.6M	6.66408G	6.74568G	77.049M	6.666523G	6.743573G	Inf	3
81.6M	6.66432G	6.74592G	77.049M	6.666523G	6.743573G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6785MHz

26/09/2020

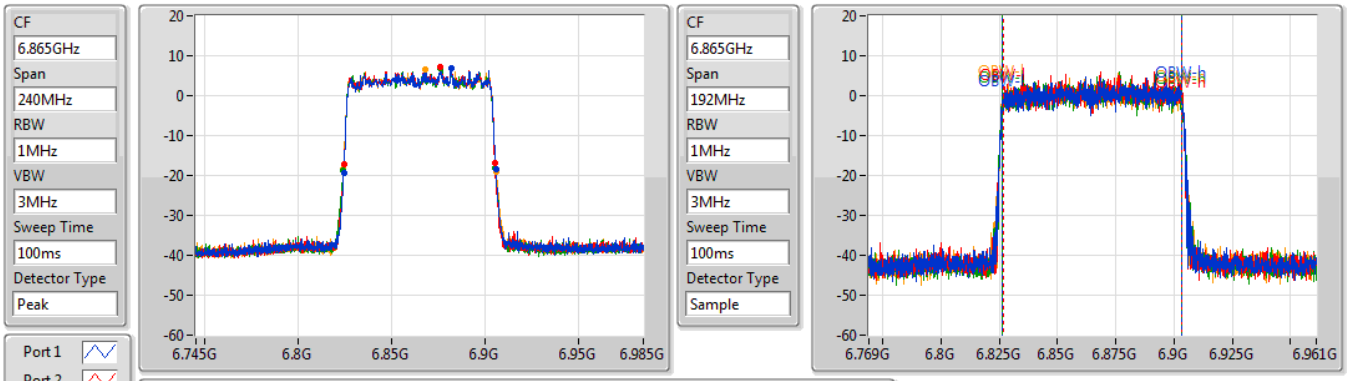


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.74432G	6.8258G	77.049M	6.746427G	6.823477G	Inf	1
81.24M	6.74432G	6.82556G	77.049M	6.746427G	6.823477G	Inf	2
81.6M	6.74396G	6.82556G	76.954M	6.746427G	6.823381G	Inf	3
81.72M	6.7442G	6.82592G	77.049M	6.746427G	6.823477G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6865MHz Straddle 6.525-6.875GHz

26/09/2020

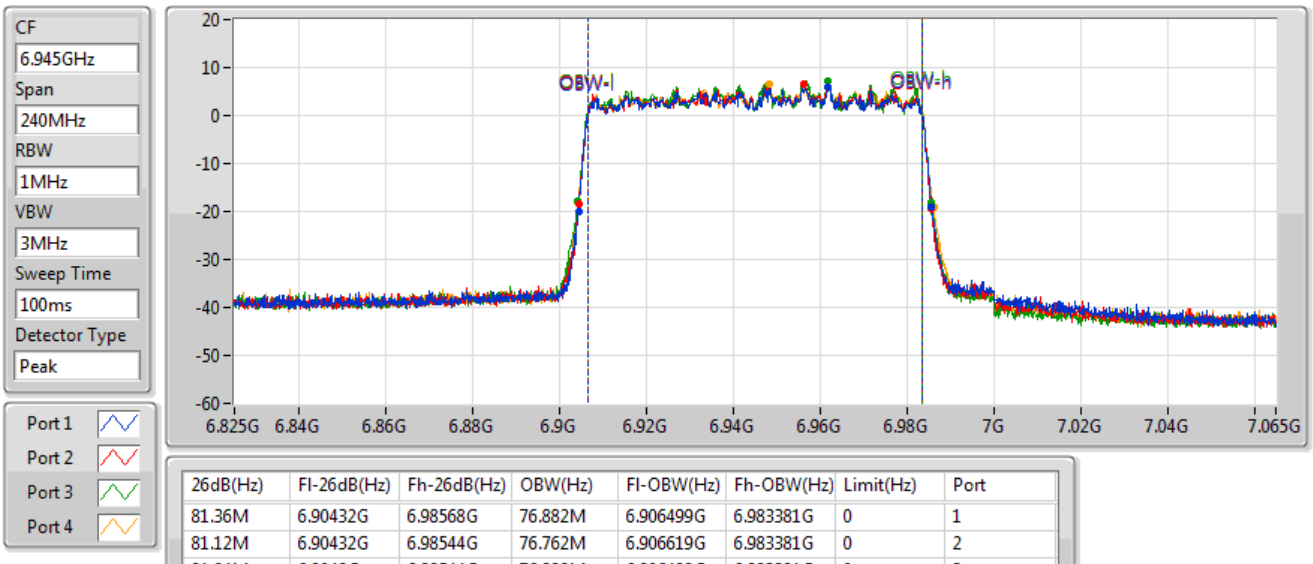


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.82432G	6.9058G	76.954M	6.826427G	6.903381G	Inf	1
81M	6.82444G	6.90544G	76.858M	6.826523G	6.903381G	Inf	2
81.6M	6.82408G	6.90568G	76.954M	6.826331G	6.903285G	Inf	3
82.08M	6.82408G	6.90616G	77.049M	6.826331G	6.903381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

6945MHz

26/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.90432G	6.98568G	76.882M	6.906499G	6.983381G	0	1
81.12M	6.90432G	6.98544G	76.762M	6.906619G	6.983381G	0	2
81.24M	6.9042G	6.98544G	76.882M	6.906499G	6.983381G	0	3
81.96M	6.9042G	6.98616G	76.882M	6.906619G	6.983501G	0	4

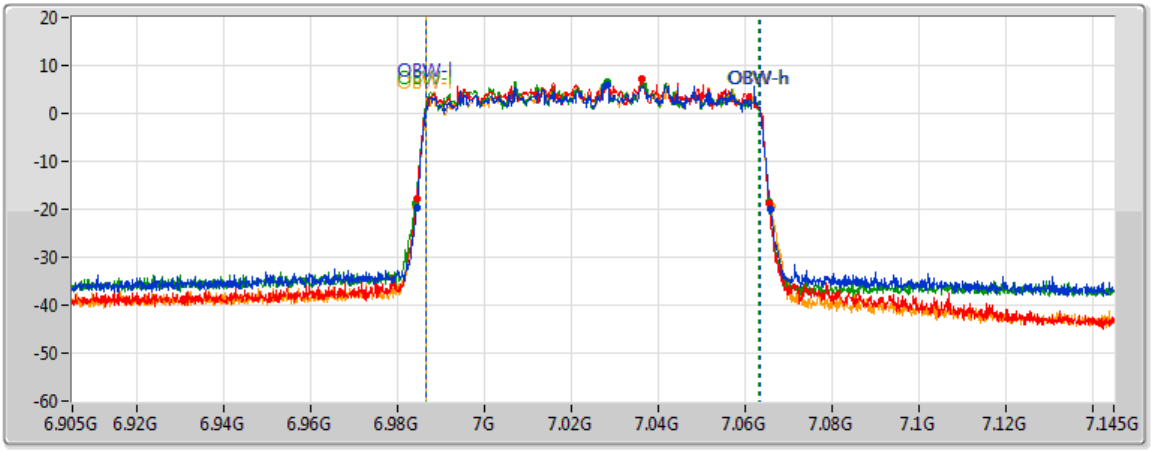
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

7025MHz

26/09/2020

CF 7.025GHz
Span 240MHz
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
81.48M	6.98432G	7.0658G	76.882M	6.986499G	7.063381G	0	1
81.24M	6.98432G	7.06556G	76.882M	6.986499G	7.063381G	0	2
81.24M	6.9842G	7.06544G	76.882M	6.986379G	7.063261G	0	3
82.08M	6.98408G	7.06616G	76.762M	6.986619G	7.063381G	0	4

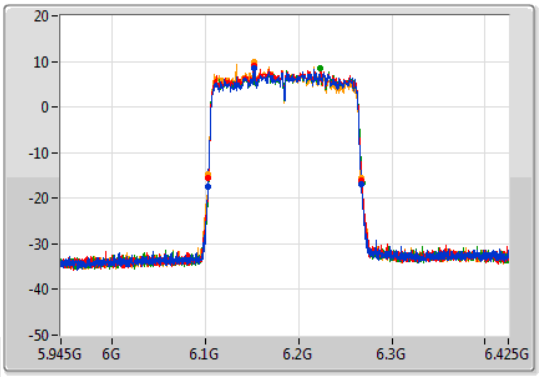
802.11ax HEW160_Nss1,(MCS0)_4TX EBW

6185MHz

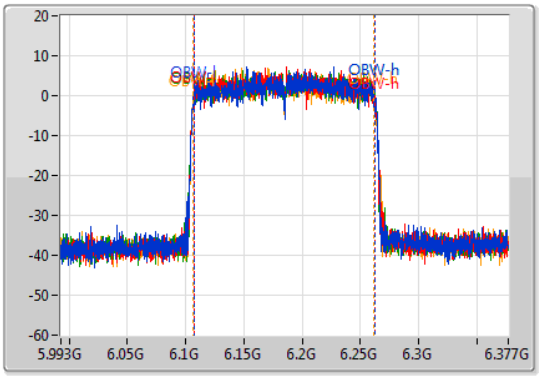
26/09/2020

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

Port 1
Port 2
Port 3
Port 4



CF 6.185GHz
Span 384MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Sample



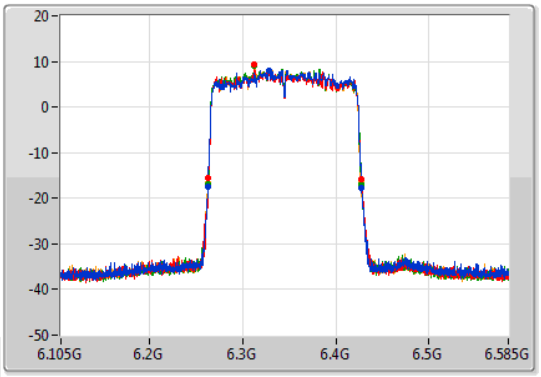
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.10268G	6.26732G	155.442M	6.107087G	6.262529G	Inf	1
164.64M	6.10316G	6.2678G	154.675M	6.107471G	6.262145G	Inf	2
164.64M	6.1034G	6.26804G	155.058M	6.107279G	6.262337G	Inf	3
163.68M	6.10316G	6.26684G	155.058M	6.106895G	6.261954G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

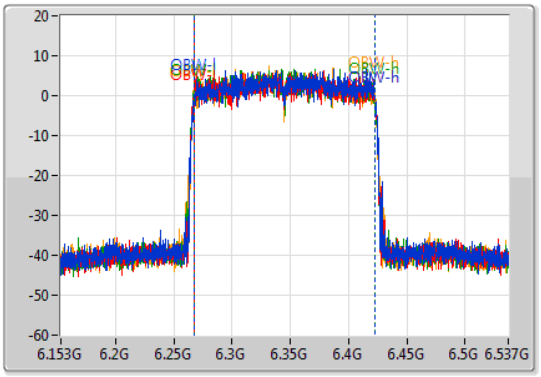
6345MHz

26/09/2020

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



CF	6.345GHz
Span	384MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

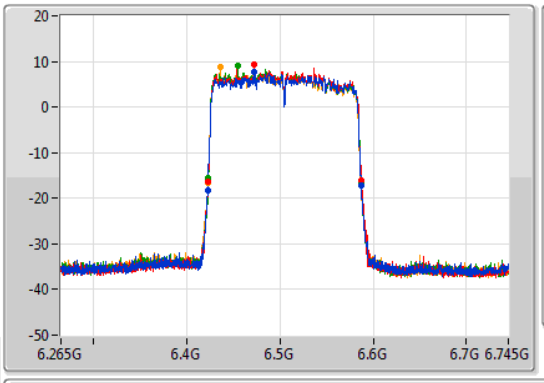
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	6.26268G	6.42756G	154.867M	6.267471G	6.422337G	Inf	1
164.16M	6.2634G	6.42756G	155.058M	6.267279G	6.422337G	Inf	2
164.4M	6.26316G	6.42756G	155.058M	6.267087G	6.422145G	Inf	3
163.68M	6.26316G	6.42684G	154.867M	6.267279G	6.422145G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

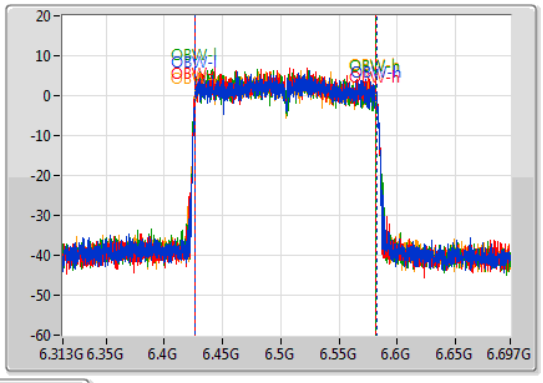
6505MHz Straddle 6.425-6.525GHz

26/09/2020

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



CF	6.505GHz
Span	384MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



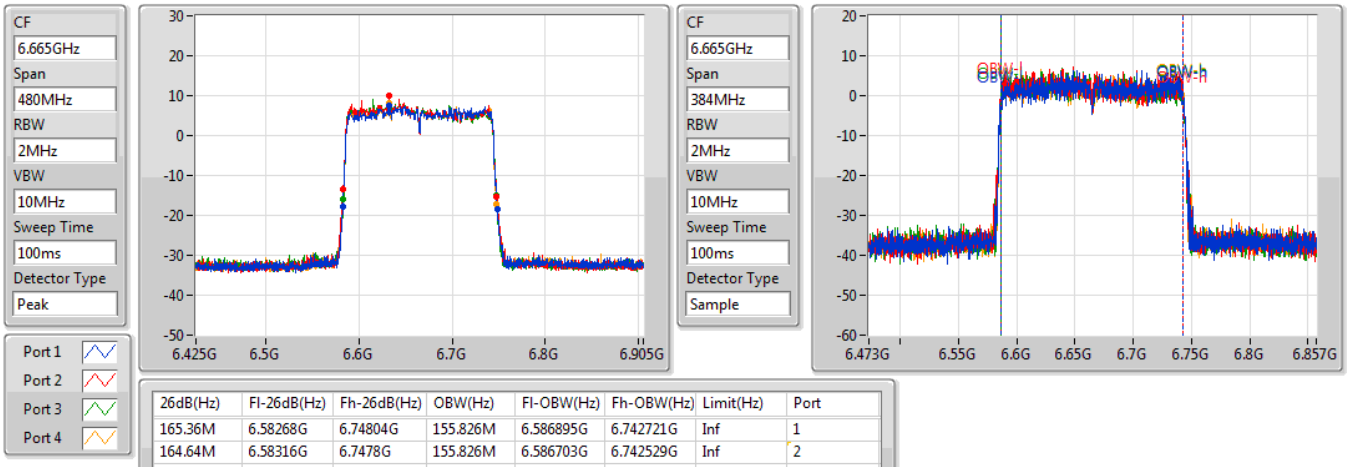
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.42244G	6.58708G	155.442M	6.426895G	6.582337G	Inf	1
164.4M	6.42292G	6.58732G	155.058M	6.426895G	6.581954G	Inf	2
164.4M	6.42292G	6.58732G	154.675M	6.426895G	6.58157G	Inf	3
163.68M	6.42292G	6.5866G	154.867M	6.426895G	6.581762G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

6665MHz

26/09/2020

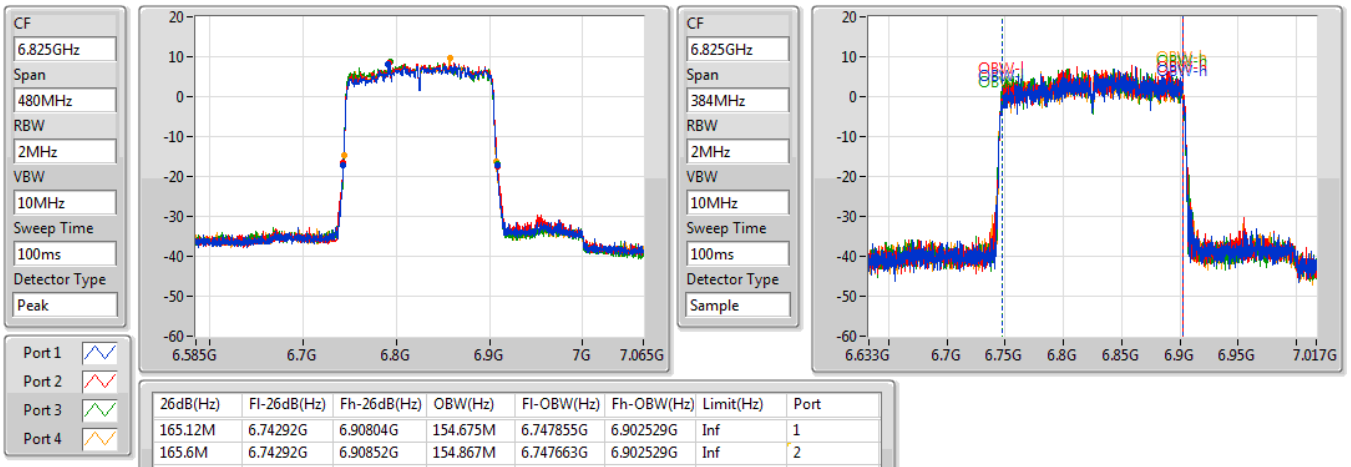


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.36M	6.58268G	6.74804G	155.826M	6.586895G	6.742721G	Inf	1
164.64M	6.58316G	6.7478G	155.826M	6.586703G	6.742529G	Inf	2
164.16M	6.5834G	6.74756G	155.634M	6.586895G	6.742529G	Inf	3
164.88M	6.58268G	6.74756G	155.826M	6.586895G	6.742721G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

6825MHz Straddle 6.525-6.875GHz

26/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	6.74292G	6.90804G	154.675M	6.747855G	6.902529G	Inf	1
165.6M	6.74292G	6.90852G	154.867M	6.747663G	6.902529G	Inf	2
164.88M	6.74316G	6.90804G	155.25M	6.747279G	6.902529G	Inf	3
163.44M	6.74364G	6.90708G	154.867M	6.747471G	6.902337G	Inf	4

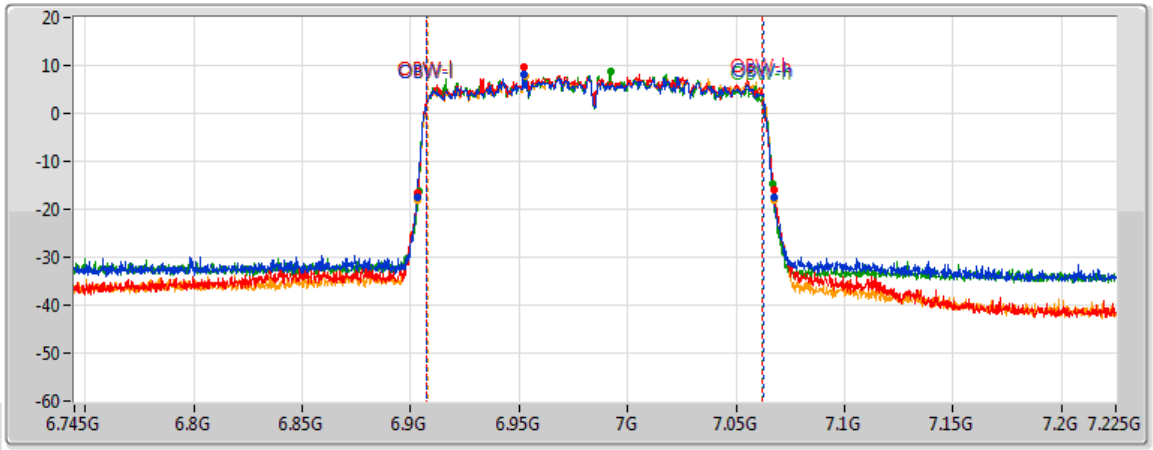
802.11ax HEW160_Nss1,(MCS0)_4TX EBW

6985MHz

26/09/2020

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
164.4M	6.90292G	7.06732G	154.963M	6.907519G	7.062481G	0	1
164.16M	6.9034G	7.06756G	154.723M	6.907519G	7.062241G	0	2
163.44M	6.90364G	7.06708G	154.963M	6.907279G	7.062241G	0	3
164.4M	6.90316G	7.06756G	154.963M	6.907759G	7.062721G	0	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.78M	18.999M	19M0D1D	21.39M	18.927M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.613M	37M6D1D	39.72M	37.373M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.84M	77.145M	77M1D1D	81.12M	76.762M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.88M	155.442M	155MD1D	163.44M	154.675M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.72M	19.022M	19M0D1D	21.51M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.613M	37M6D1D	39.54M	37.469M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.96M	77.145M	77M1D1D	81M	76.858M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	155.25M	155MD1D	163.92M	155.058M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.78M	19.022M	19M0D1D	21.48M	18.927M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.26M	37.613M	37M6D1D	39.78M	37.469M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.96M	77.241M	77M2D1D	81.12M	76.762M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	166.32M	155.826M	156MD1D	163.44M	154.867M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.78M	19.19M	19M2D1D	21.45M	18.927M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.613M	37M6D1D	39.72M	37.517M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.96M	77.049M	77M0D1D	80.76M	76.762M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.36M	155.442M	155MD1D	162.96M	154.675M

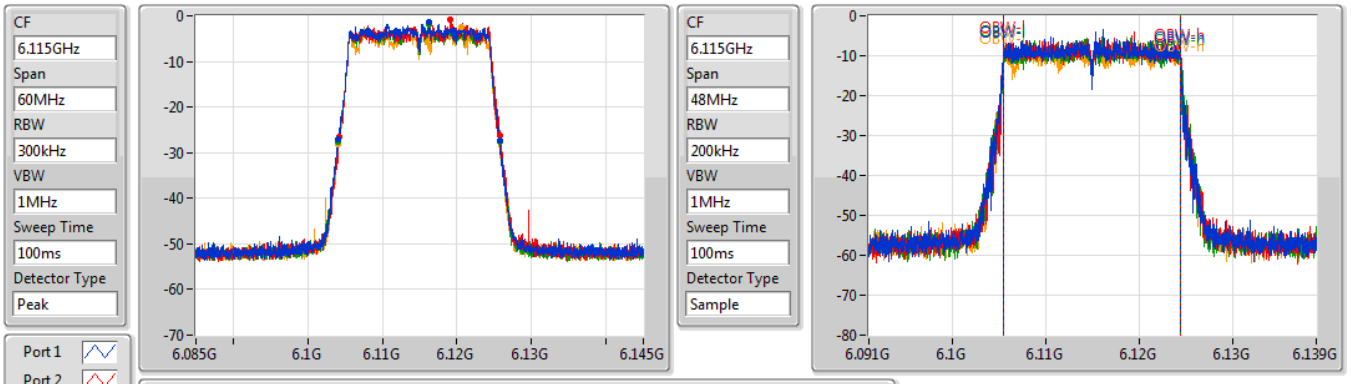
Result

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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.69M	18.975M	21.57M	18.975M	21.78M	18.999M	21.75M	18.975M
6255MHz	Pass	Inf	21.6M	18.927M	21.54M	18.975M	21.54M	18.927M	21.39M	18.927M
6415MHz	Pass	Inf	21.66M	18.951M	21.57M	18.975M	21.63M	18.999M	21.51M	18.975M
6435MHz	Pass	Inf	21.63M	18.975M	21.54M	18.999M	21.63M	18.999M	21.69M	18.975M
6475MHz	Pass	Inf	21.66M	18.975M	21.66M	18.951M	21.69M	19.022M	21.69M	18.999M
6515MHz	Pass	Inf	21.63M	18.975M	21.51M	18.975M	21.72M	19.022M	21.66M	18.975M
6535MHz	Pass	Inf	21.63M	18.999M	21.6M	18.999M	21.75M	18.999M	21.72M	18.951M
6695MHz	Pass	Inf	21.66M	18.975M	21.72M	18.975M	21.69M	18.975M	21.63M	18.975M
6855MHz	Pass	Inf	21.69M	18.999M	21.63M	18.927M	21.75M	18.975M	21.75M	18.999M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.66M	18.975M	21.48M	18.927M	21.66M	18.999M	21.78M	19.022M
6895MHz	Pass	Inf	21.66M	18.975M	21.45M	18.975M	21.57M	18.999M	21.78M	18.999M
7015MHz	Pass	Inf	21.75M	18.999M	21.48M	19.022M	21.63M	18.927M	21.69M	18.999M
7095MHz	Pass	0	21.72M	19.16M	21.66M	19.13M	21.54M	19.19M	21.63M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	40.02M	37.517M	39.72M	37.565M	40.14M	37.613M	39.78M	37.373M
6245MHz	Pass	Inf	40.14M	37.565M	39.78M	37.565M	40.08M	37.517M	39.9M	37.373M
6405MHz	Pass	Inf	40.14M	37.517M	39.9M	37.613M	39.84M	37.517M	40.08M	37.565M
6445MHz	Pass	Inf	39.96M	37.565M	39.9M	37.613M	39.96M	37.469M	40.08M	37.517M
6485MHz	Pass	Inf	40.14M	37.469M	39.9M	37.613M	39.54M	37.565M	40.02M	37.517M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.14M	37.469M	39.72M	37.565M	39.9M	37.565M	40.08M	37.565M
6565MHz	Pass	Inf	40.08M	37.469M	39.9M	37.517M	40.08M	37.517M	40.02M	37.469M
6685MHz	Pass	Inf	40.26M	37.613M	39.9M	37.517M	40.02M	37.613M	40.08M	37.613M
6845MHz	Pass	Inf	40.14M	37.565M	39.78M	37.517M	39.96M	37.565M	40.08M	37.565M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.2M	37.565M	39.84M	37.469M	39.9M	37.517M	40.02M	37.613M
6925MHz	Pass	Inf	40.08M	37.565M	39.72M	37.517M	39.9M	37.517M	40.02M	37.613M
7005MHz	Pass	Inf	40.08M	37.565M	39.78M	37.565M	39.84M	37.565M	39.96M	37.565M
7085MHz	Pass	Inf	40.14M	37.565M	39.84M	37.613M	40.08M	37.565M	40.02M	37.517M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.48M	76.858M	81.12M	77.049M	81.72M	77.049M	81.84M	76.762M
6225MHz	Pass	Inf	81.36M	76.954M	81.24M	76.858M	81.6M	76.954M	81.84M	76.954M
6385MHz	Pass	Inf	81.36M	77.145M	81.24M	77.145M	81.24M	76.762M	81.84M	77.049M
6465MHz	Pass	Inf	81.48M	76.858M	81.24M	77.049M	81.48M	76.858M	81.84M	77.145M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.24M	76.858M	81M	76.954M	81.48M	76.858M	81.96M	76.954M
6625MHz	Pass	Inf	81.24M	76.954M	81.12M	76.858M	81.36M	76.858M	81.96M	76.762M
6705MHz	Pass	Inf	81.48M	77.241M	81.24M	76.954M	81.6M	77.145M	81.96M	77.049M
6785MHz	Pass	Inf	81.48M	76.954M	81.12M	76.954M	81.48M	76.954M	81.72M	77.049M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.24M	76.858M	81.24M	76.954M	81.6M	77.049M	81.96M	77.049M
6945MHz	Pass	Inf	81.36M	77.049M	81.12M	76.954M	81.36M	76.954M	81.96M	77.049M
7025MHz	Pass	Inf	80.76M	76.954M	81M	76.954M	81.72M	77.049M	81.24M	76.762M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	164.64M	155.058M	163.92M	155.25M	164.16M	155.25M	164.4M	154.867M
6345MHz	Pass	Inf	164.88M	154.675M	163.92M	155.442M	164.4M	154.867M	163.44M	154.675M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	165.12M	155.25M	163.92M	155.25M	164.64M	155.058M	163.92M	155.058M
6665MHz	Pass	Inf	166.32M	155.442M	164.64M	155.826M	165.84M	155.442M	164.64M	155.442M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.12M	155.058M	164.16M	154.867M	164.16M	154.867M	163.44M	155.058M
6985MHz	Pass	Inf	165.36M	155.058M	162.96M	154.867M	164.16M	154.675M	163.92M	155.442M

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6115MHz

26/09/2020

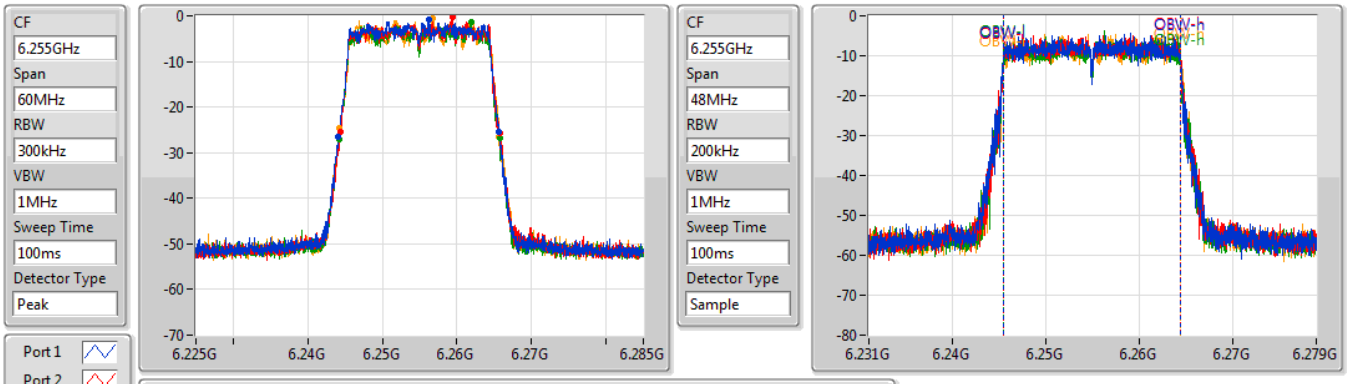


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.10408G	6.12577G	18.975M	6.105429G	6.124403G	Inf	1
21.57M	6.10423G	6.1258G	18.975M	6.105453G	6.124427G	Inf	2
21.78M	6.10405G	6.12583G	18.999M	6.105429G	6.124427G	Inf	3
21.75M	6.10411G	6.12586G	18.975M	6.105405G	6.124379G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6255MHz

26/09/2020

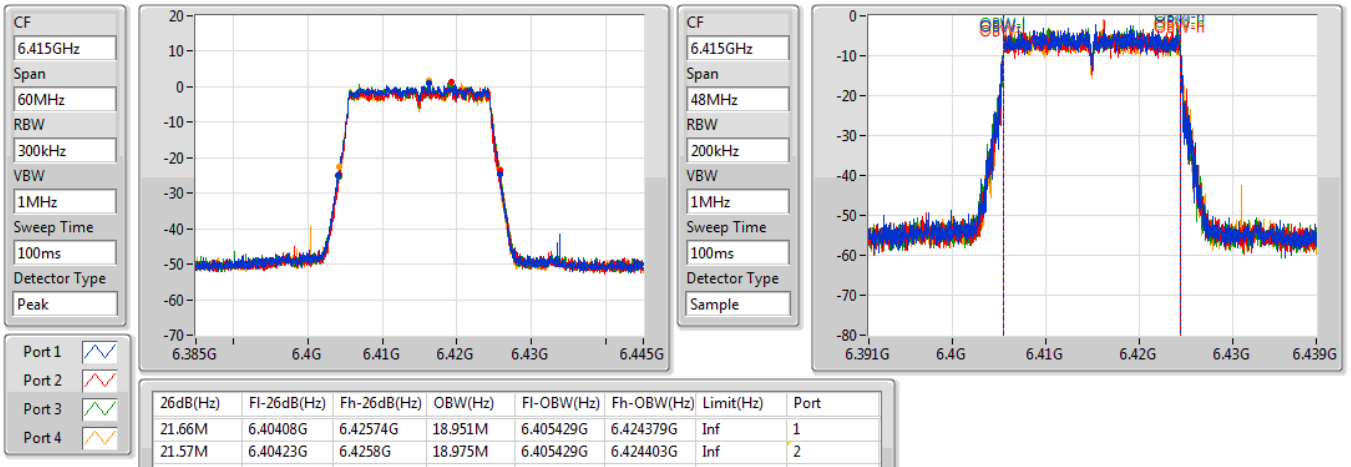


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.24408G	6.26568G	18.927M	6.245453G	6.264379G	Inf	1
21.54M	6.24432G	6.26586G	18.975M	6.245453G	6.264427G	Inf	2
21.54M	6.24417G	6.26571G	18.927M	6.245453G	6.264379G	Inf	3
21.39M	6.24423G	6.26562G	18.927M	6.245501G	6.264427G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6415MHz

26/09/2020

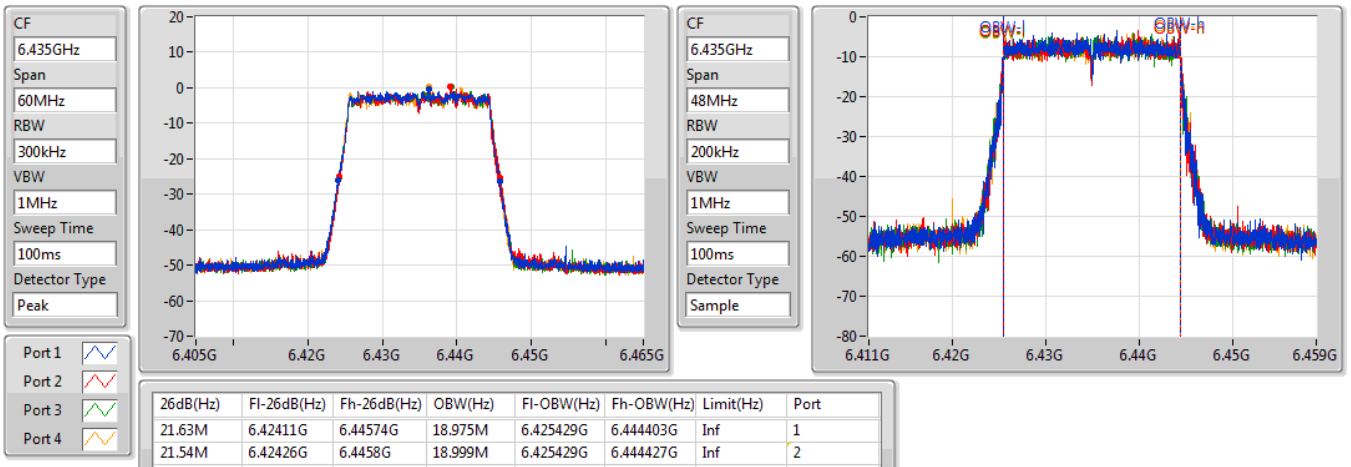


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.40408G	6.42574G	18.951M	6.405429G	6.424379G	Inf	1
21.57M	6.40423G	6.4258G	18.975M	6.405429G	6.424403G	Inf	2
21.63M	6.40414G	6.42577G	18.999M	6.405429G	6.424427G	Inf	3
21.51M	6.40423G	6.42574G	18.975M	6.405429G	6.424403G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6435MHz

26/09/2020

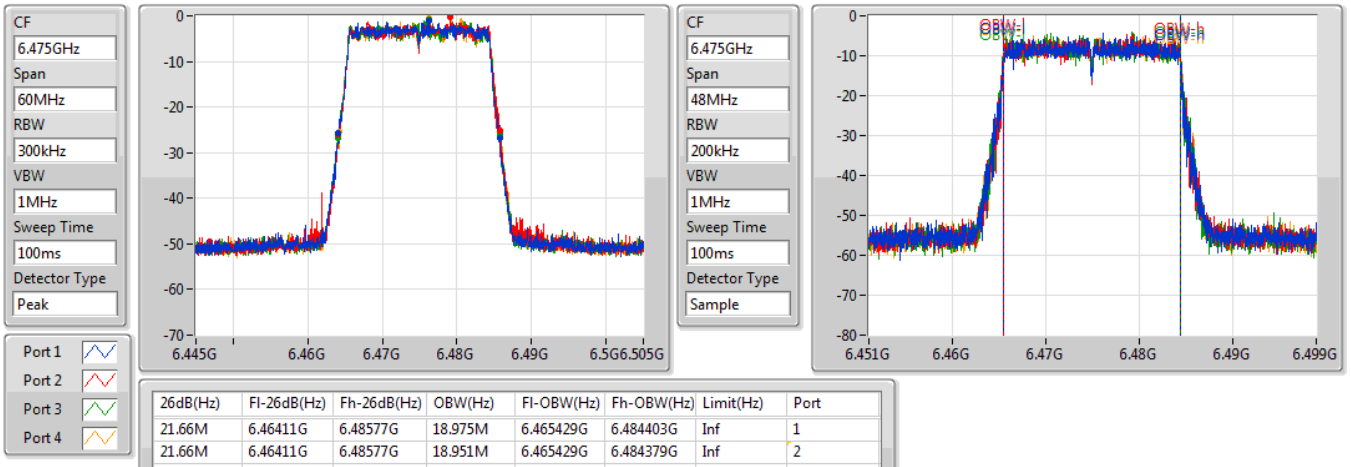


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.42411G	6.44574G	18.975M	6.425429G	6.444403G	Inf	1
21.54M	6.42426G	6.4458G	18.999M	6.425429G	6.444427G	Inf	2
21.63M	6.42414G	6.44577G	18.999M	6.425429G	6.444427G	Inf	3
21.69M	6.42414G	6.44583G	18.975M	6.425405G	6.444379G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6475MHz

26/09/2020

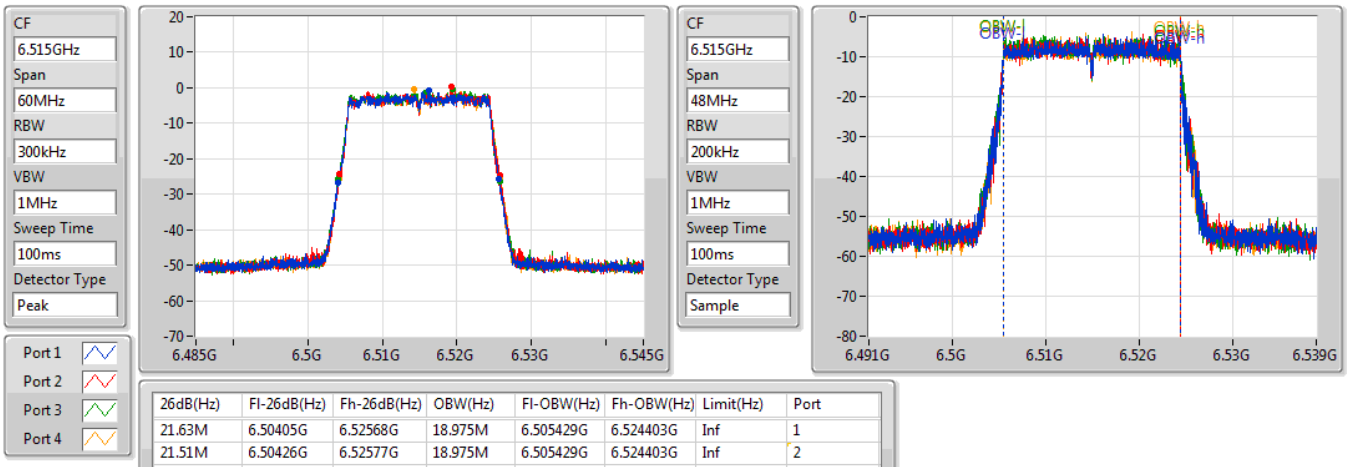


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.46411G	6.48577G	18.975M	6.465429G	6.484403G	Inf	1
21.66M	6.46411G	6.48577G	18.951M	6.465429G	6.484379G	Inf	2
21.69M	6.46405G	6.48574G	19.022M	6.465381G	6.484403G	Inf	3
21.69M	6.46417G	6.48586G	18.999M	6.465405G	6.484403G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6515MHz

26/09/2020

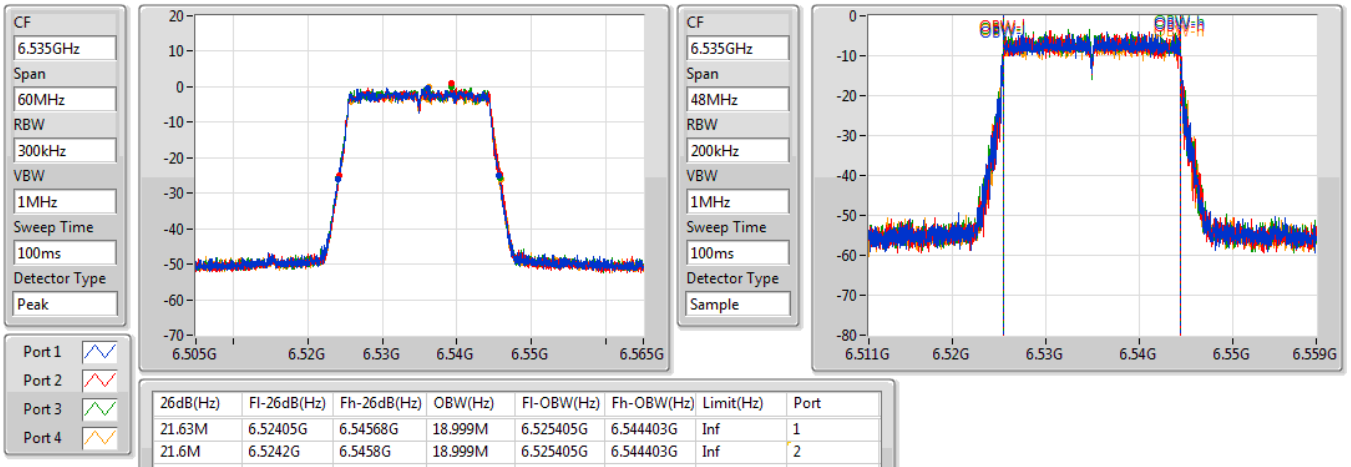


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.50405G	6.52568G	18.975M	6.505429G	6.524403G	Inf	1
21.51M	6.50426G	6.52577G	18.975M	6.505429G	6.524403G	Inf	2
21.72M	6.50411G	6.52583G	19.022M	6.505405G	6.524427G	Inf	3
21.66M	6.5042G	6.52586G	18.975M	6.505429G	6.524403G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6535MHz

26/09/2020

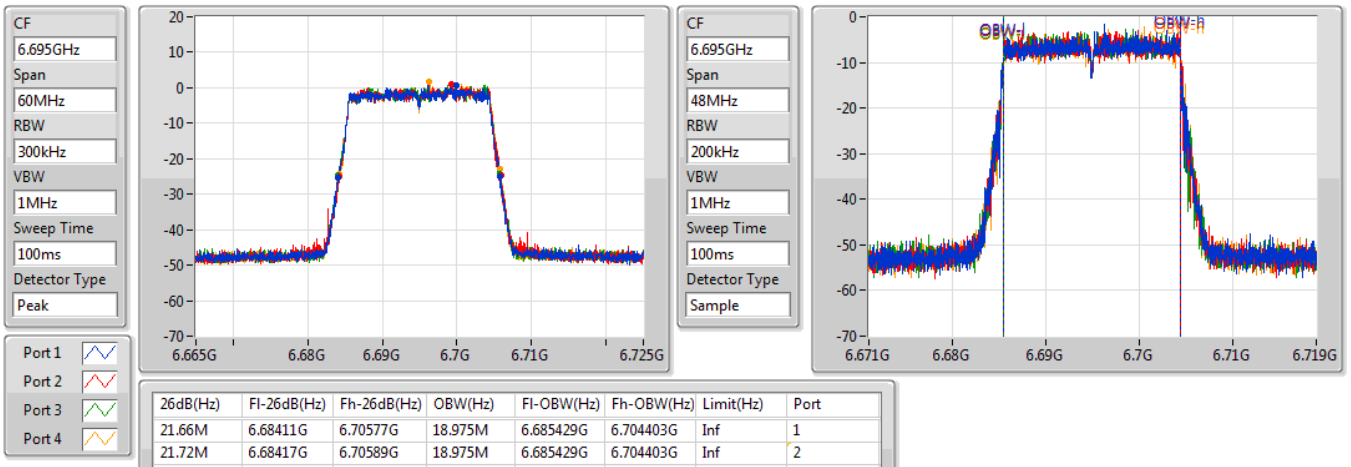


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.52405G	6.54568G	18.999M	6.525405G	6.544403G	Inf	1
21.6M	6.5242G	6.5458G	18.999M	6.525405G	6.544403G	Inf	2
21.75M	6.52408G	6.54583G	18.999M	6.525405G	6.544403G	Inf	3
21.72M	6.5242G	6.54592G	18.951M	6.525453G	6.544403G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6695MHz

26/09/2020

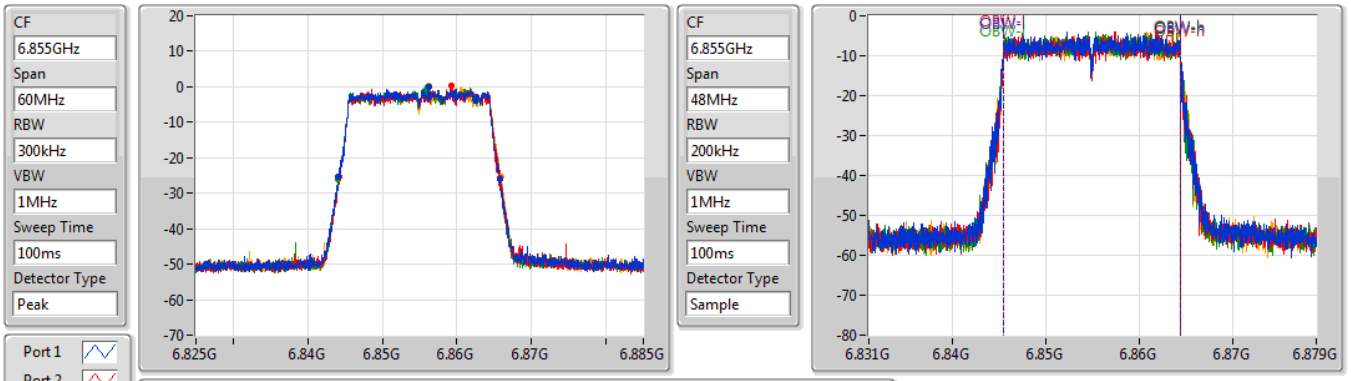


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.68411G	6.70577G	18.975M	6.685429G	6.704403G	Inf	1
21.72M	6.68417G	6.70589G	18.975M	6.685429G	6.704403G	Inf	2
21.69M	6.68411G	6.7058G	18.975M	6.685429G	6.704403G	Inf	3
21.63M	6.68417G	6.7058G	18.975M	6.685453G	6.704427G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6855MHz

26/09/2020

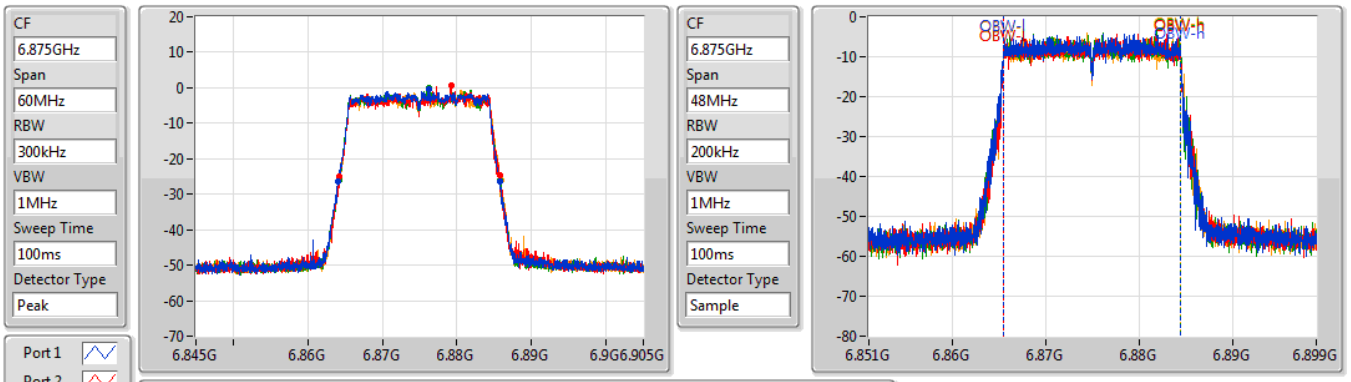


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.84408G	6.86577G	18.999M	6.845429G	6.864427G	Inf	1
21.63M	6.8442G	6.86583G	18.927M	6.845453G	6.864379G	Inf	2
21.75M	6.84408G	6.86583G	18.975M	6.845429G	6.864403G	Inf	3
21.75M	6.84414G	6.86589G	18.999M	6.845429G	6.864427G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6875MHz Straddle 6.525-6.875GHz

26/09/2020

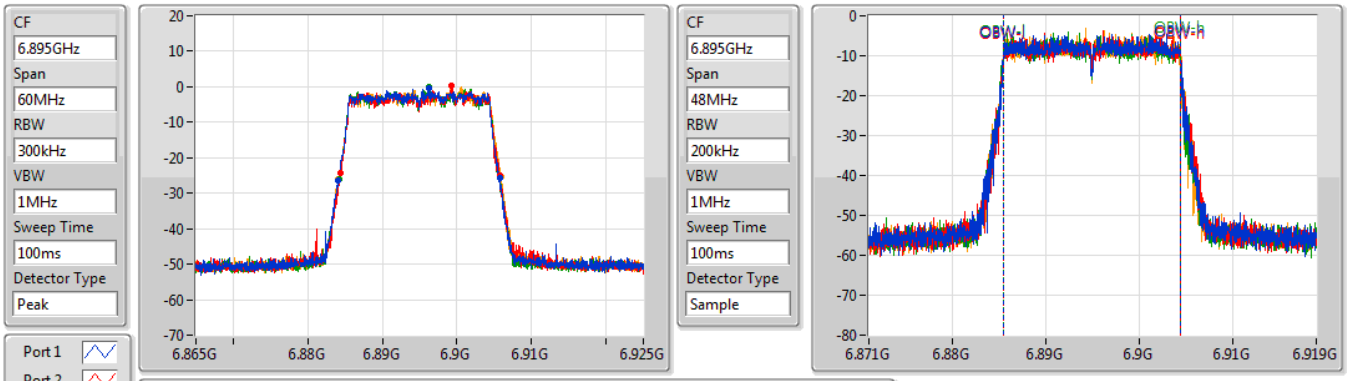


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.86411G	6.88577G	18.975M	6.865429G	6.884403G	Inf	1
21.48M	6.86426G	6.88574G	18.927M	6.865453G	6.884379G	Inf	2
21.66M	6.86414G	6.8858G	18.999M	6.865405G	6.884403G	Inf	3
21.78M	6.86414G	6.88592G	19.022M	6.865405G	6.884427G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

6895MHz

26/09/2020

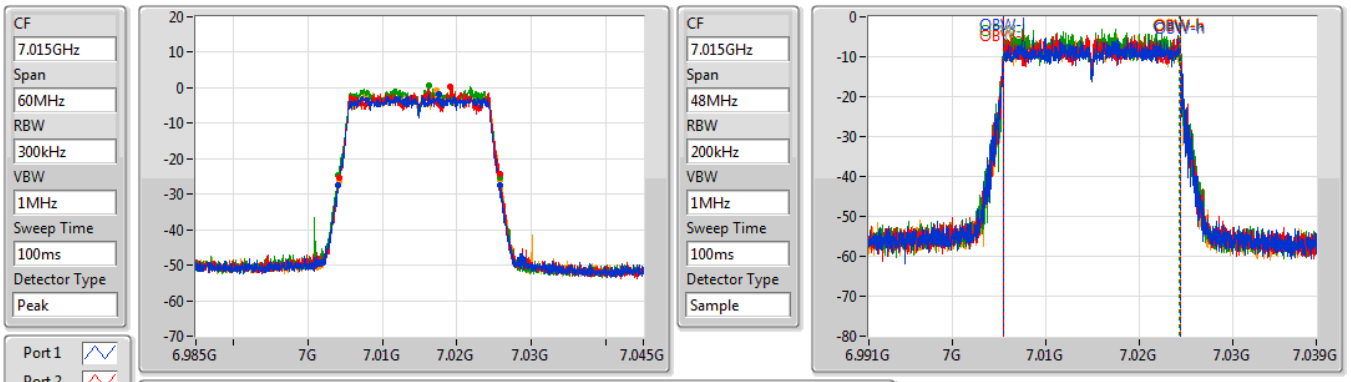


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.88408G	6.90574G	18.975M	6.885429G	6.904403G	Inf	1
21.45M	6.88432G	6.90577G	18.975M	6.885453G	6.904427G	Inf	2
21.57M	6.88414G	6.90571G	18.999M	6.885405G	6.904403G	Inf	3
21.78M	6.88411G	6.90589G	18.999M	6.885429G	6.904427G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

7015MHz

26/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	7.00402G	7.02577G	18.999M	7.005405G	7.024403G	Inf	1
21.48M	7.00423G	7.02571G	19.022M	7.005405G	7.024427G	Inf	2
21.63M	7.00411G	7.02574G	18.927M	7.005429G	7.024355G	Inf	3
21.69M	7.00417G	7.02586G	18.999M	7.005429G	7.024427G	Inf	4

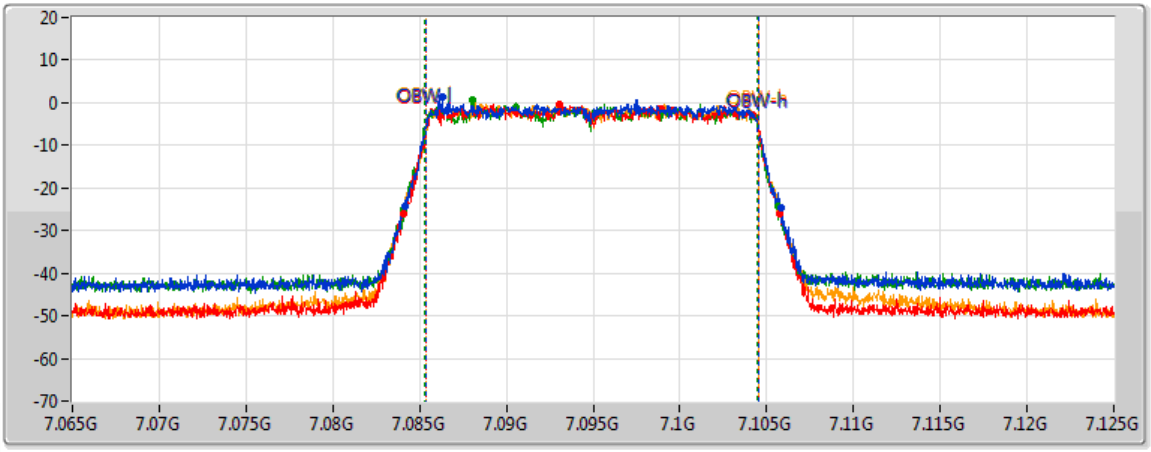
802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

7095MHz

29/09/2020

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
21.72M	7.08414G	7.10586G	19.16M	7.085345G	7.104505G	0	1
21.66M	7.08405G	7.10571G	19.13M	7.085405G	7.104535G	0	2
21.54M	7.08411G	7.10565G	19.19M	7.085285G	7.104475G	0	3
21.63M	7.08411G	7.10574G	19.1M	7.085405G	7.104505G	0	4

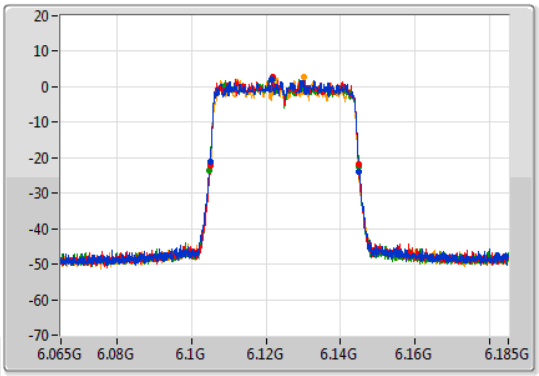
802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6125MHz

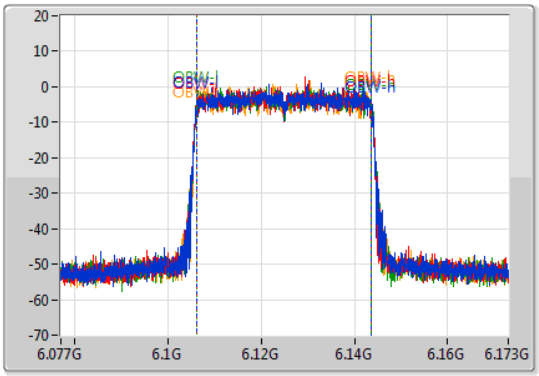
26/09/2020

CF 6.125GHz
Span 120MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 6.125GHz
Span 96MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Sample



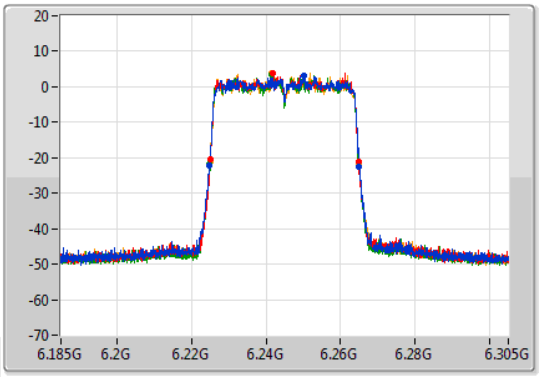
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	6.10496G	6.14498G	37.517M	6.106145G	6.143663G	Inf	1
39.72M	6.10508G	6.1448G	37.565M	6.106145G	6.143711G	Inf	2
40.14M	6.10478G	6.14492G	37.613M	6.106097G	6.143711G	Inf	3
39.78M	6.10496G	6.14474G	37.373M	6.106241G	6.143615G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

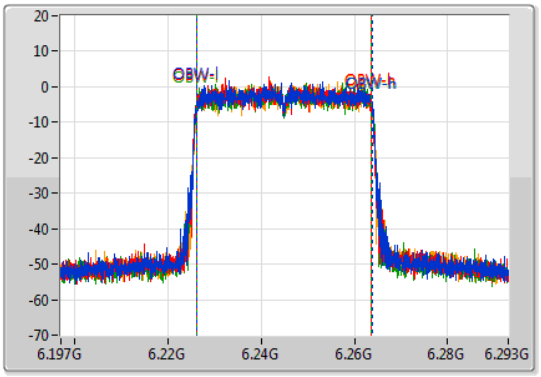
6245MHz

26/09/2020

CF	6.245GHz
Span	120MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



CF	6.245GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

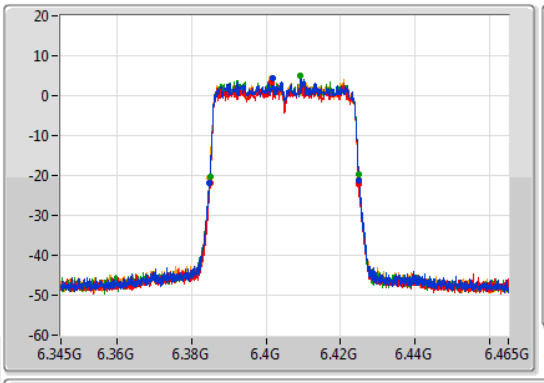
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.2249G	6.26504G	37.565M	6.226193G	6.263759G	Inf	1
39.78M	6.22508G	6.26486G	37.565M	6.226145G	6.263711G	Inf	2
40.08M	6.2249G	6.26498G	37.517M	6.226145G	6.263663G	Inf	3
39.9M	6.22496G	6.26486G	37.373M	6.226241G	6.263615G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

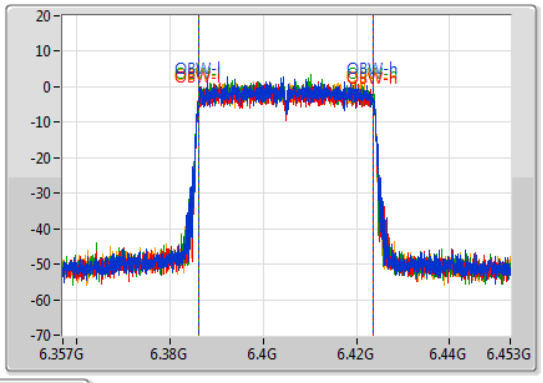
6405MHz

26/09/2020

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



CF	6.405GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

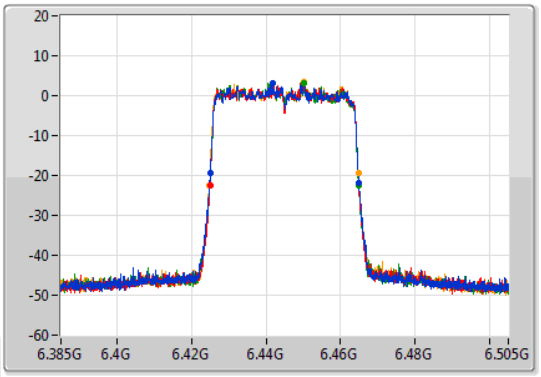
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.38484G	6.42498G	37.517M	6.386145G	6.423663G	Inf	1
39.9M	6.38496G	6.42486G	37.613M	6.386097G	6.423711G	Inf	2
39.84M	6.38502G	6.42486G	37.517M	6.386145G	6.423663G	Inf	3
40.08M	6.38484G	6.42492G	37.565M	6.386097G	6.423663G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

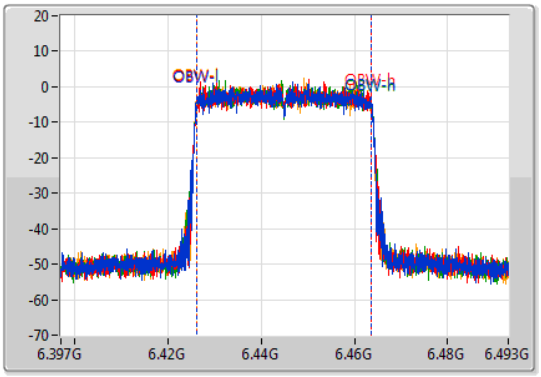
6445MHz

26/09/2020

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



CF	6.445GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

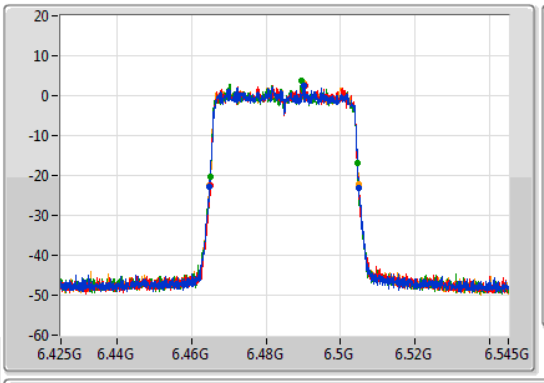
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.42496G	6.46492G	37.565M	6.426097G	6.463663G	Inf	1
39.9M	6.42496G	6.46486G	37.613M	6.426097G	6.463711G	Inf	2
39.96M	6.42496G	6.46492G	37.469M	6.426145G	6.463615G	Inf	3
40.08M	6.42478G	6.46486G	37.517M	6.426097G	6.463615G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

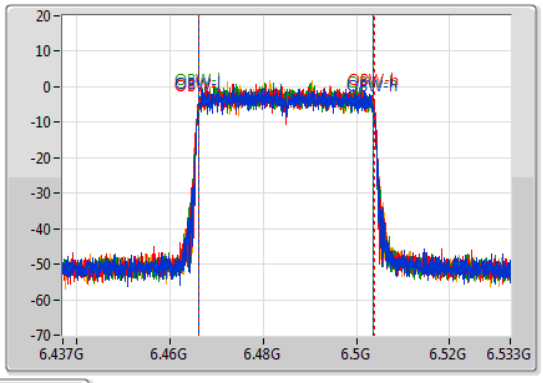
6485MHz

26/09/2020

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



CF	6.485GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



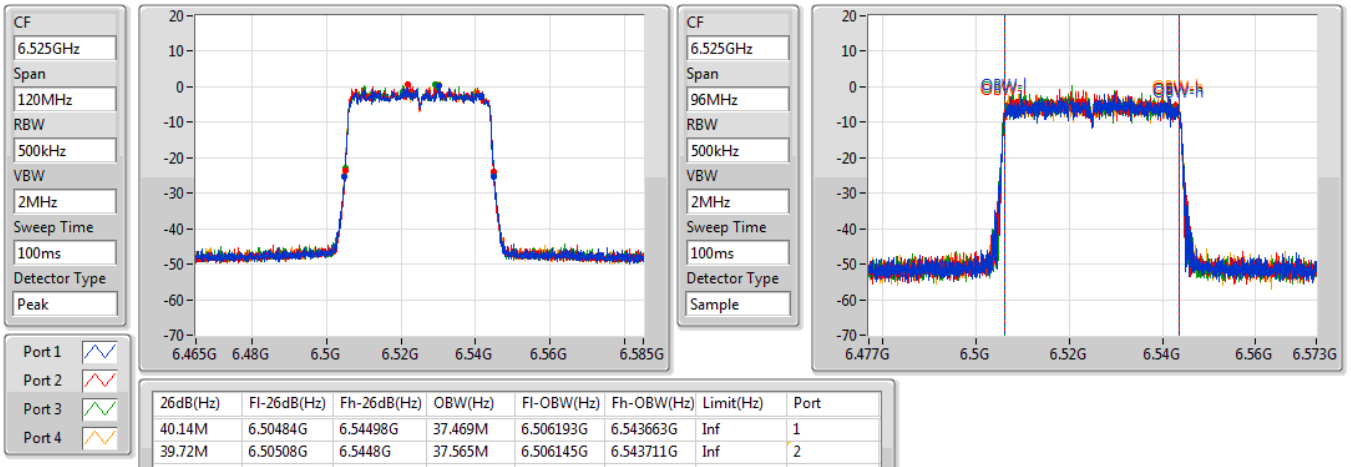
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.46484G	6.50498G	37.469M	6.466145G	6.503615G	Inf	1
39.9M	6.46502G	6.50492G	37.613M	6.466145G	6.503759G	Inf	2
39.54M	6.46508G	6.50462G	37.565M	6.466049G	6.503615G	Inf	3
40.02M	6.46484G	6.50486G	37.517M	6.466097G	6.503615G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6525MHz Straddle 6.425-6.525GHz

26/09/2020

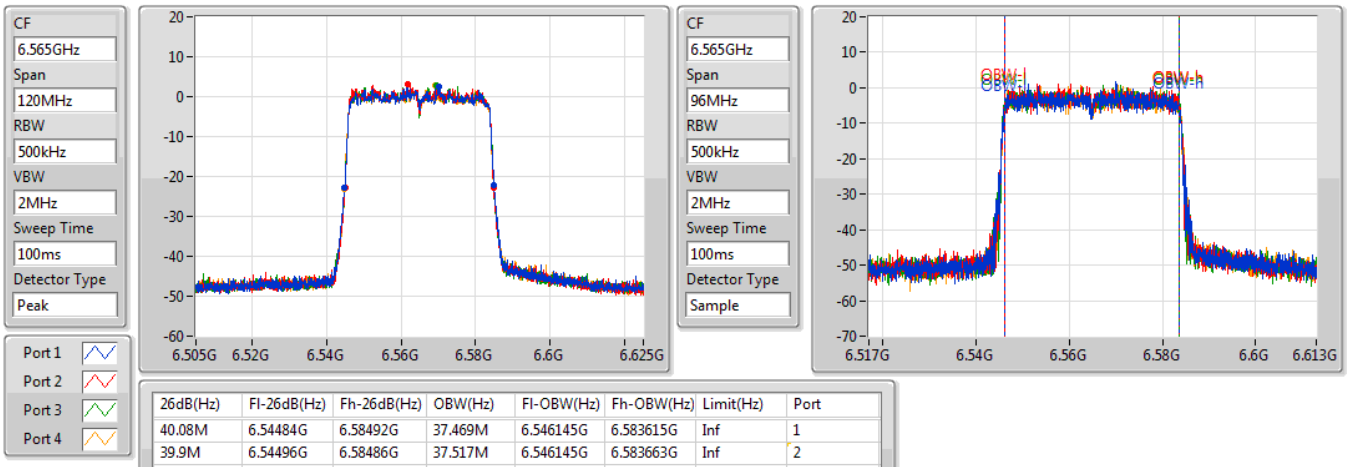


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.50484G	6.54498G	37.469M	6.506193G	6.543663G	Inf	1
39.72M	6.50508G	6.5448G	37.565M	6.506145G	6.543711G	Inf	2
39.9M	6.50502G	6.54492G	37.565M	6.506097G	6.543663G	Inf	3
40.08M	6.50484G	6.54492G	37.565M	6.506145G	6.543711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6565MHz

26/09/2020

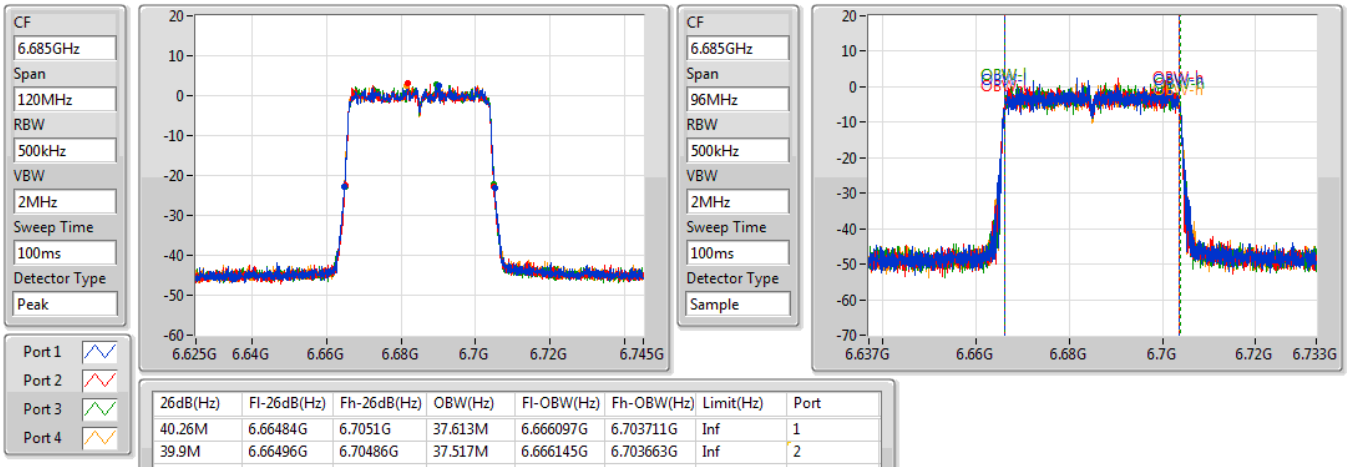


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.54484G	6.58492G	37.469M	6.546145G	6.583615G	Inf	1
39.9M	6.54496G	6.58486G	37.517M	6.546145G	6.583663G	Inf	2
40.08M	6.54484G	6.58492G	37.517M	6.546145G	6.583663G	Inf	3
40.02M	6.54484G	6.58486G	37.469M	6.546145G	6.583615G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6685MHz

26/09/2020

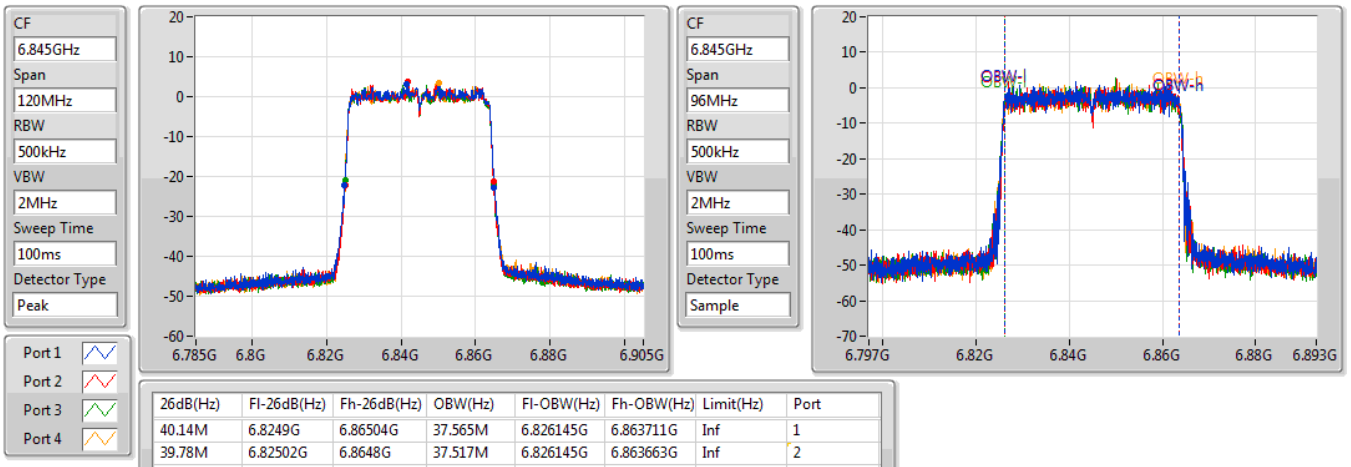


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.66484G	6.7051G	37.613M	6.666097G	6.703711G	Inf	1
39.9M	6.66496G	6.70486G	37.517M	6.666145G	6.703663G	Inf	2
40.02M	6.66496G	6.70498G	37.613M	6.666145G	6.703759G	Inf	3
40.08M	6.66484G	6.70492G	37.613M	6.666097G	6.703711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6845MHz

26/09/2020

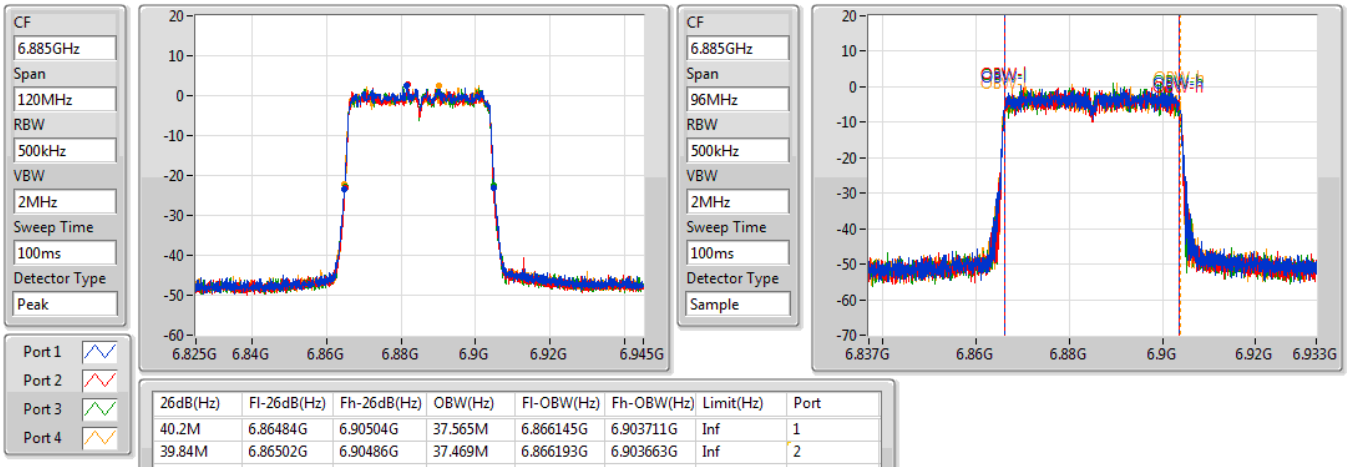


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.8249G	6.86504G	37.565M	6.826145G	6.863711G	Inf	1
39.78M	6.82502G	6.8648G	37.517M	6.826145G	6.863663G	Inf	2
39.96M	6.82496G	6.86492G	37.565M	6.826097G	6.863663G	Inf	3
40.08M	6.82484G	6.86492G	37.565M	6.826145G	6.863711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6885MHz Straddle 6.525-6.875GHz

26/09/2020

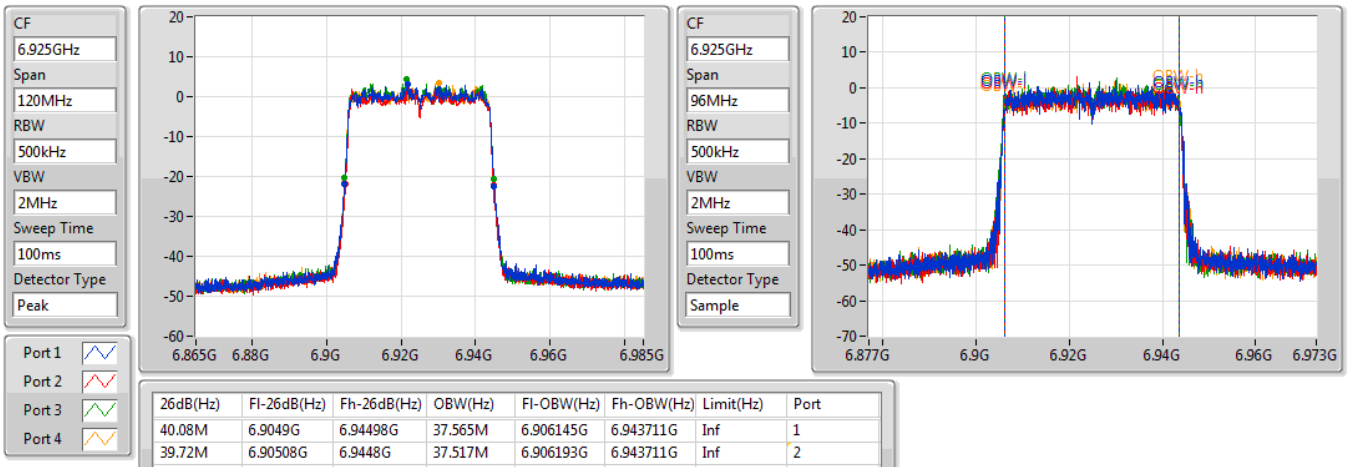


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	6.86484G	6.90504G	37.565M	6.866145G	6.903711G	Inf	1
39.84M	6.86502G	6.90486G	37.469M	6.866193G	6.903663G	Inf	2
39.9M	6.86496G	6.90486G	37.517M	6.866097G	6.903615G	Inf	3
40.02M	6.8649G	6.90492G	37.613M	6.866145G	6.903759G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

6925MHz

26/09/2020

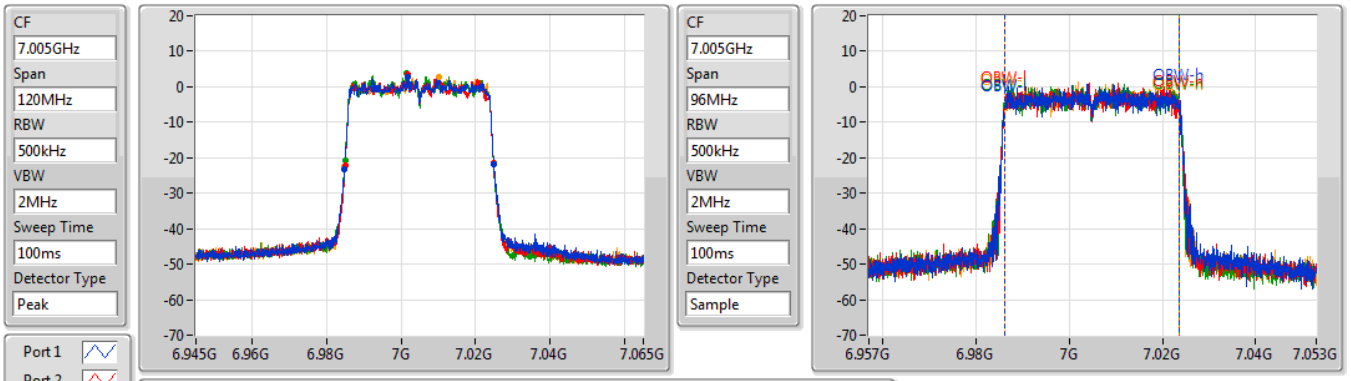


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.9049G	6.94498G	37.565M	6.906145G	6.943711G	Inf	1
39.72M	6.90508G	6.9448G	37.517M	6.906193G	6.943711G	Inf	2
39.9M	6.9049G	6.9448G	37.517M	6.906049G	6.943567G	Inf	3
40.02M	6.9049G	6.94492G	37.613M	6.906097G	6.943711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

7005MHz

26/09/2020

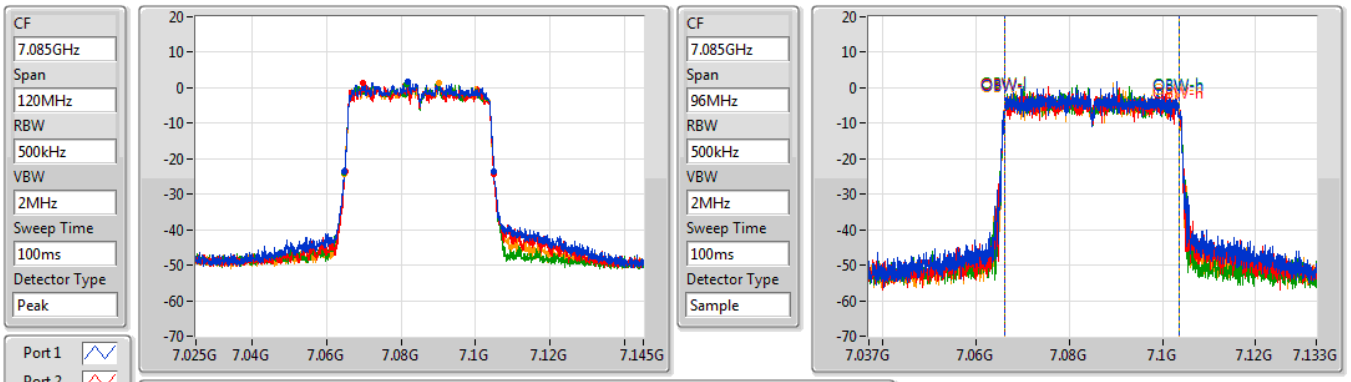


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.98484G	7.02492G	37.565M	6.986145G	7.023711G	Inf	1
39.78M	6.98502G	7.0248G	37.565M	6.986145G	7.023711G	Inf	2
39.84M	6.98502G	7.02486G	37.565M	6.986097G	7.023663G	Inf	3
39.96M	6.9849G	7.02486G	37.565M	6.986145G	7.023711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

7085MHz

26/09/2020

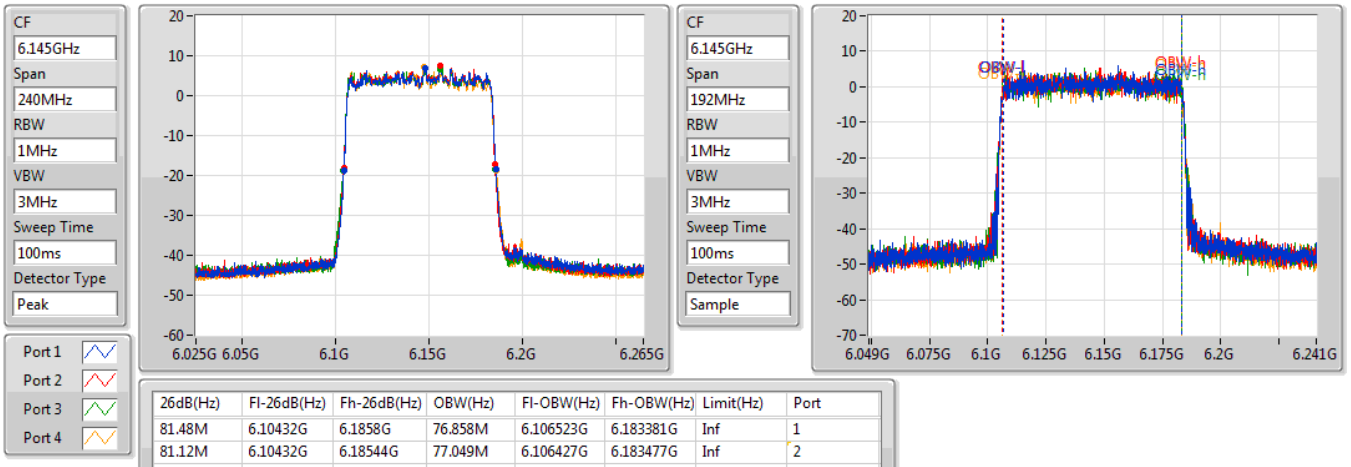


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	7.06484G	7.10498G	37.565M	7.066145G	7.103711G	Inf	1
39.84M	7.06502G	7.10486G	37.613M	7.066049G	7.103663G	Inf	2
40.08M	7.06484G	7.10492G	37.565M	7.066145G	7.103711G	Inf	3
40.02M	7.06484G	7.10486G	37.517M	7.066097G	7.103615G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

6145MHz

26/09/2020

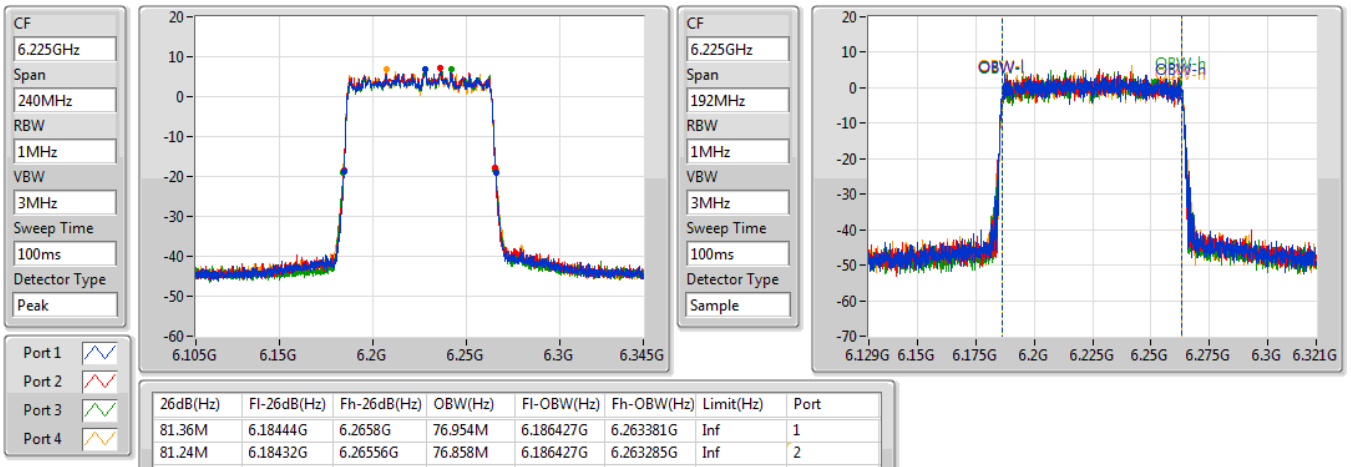


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.10432G	6.1858G	76.858M	6.106523G	6.183381G	Inf	1
81.12M	6.10432G	6.18544G	77.049M	6.106427G	6.183477G	Inf	2
81.72M	6.10396G	6.18568G	77.049M	6.106331G	6.183381G	Inf	3
81.84M	6.1042G	6.18604G	76.762M	6.106427G	6.183189G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

6225MHz

26/09/2020

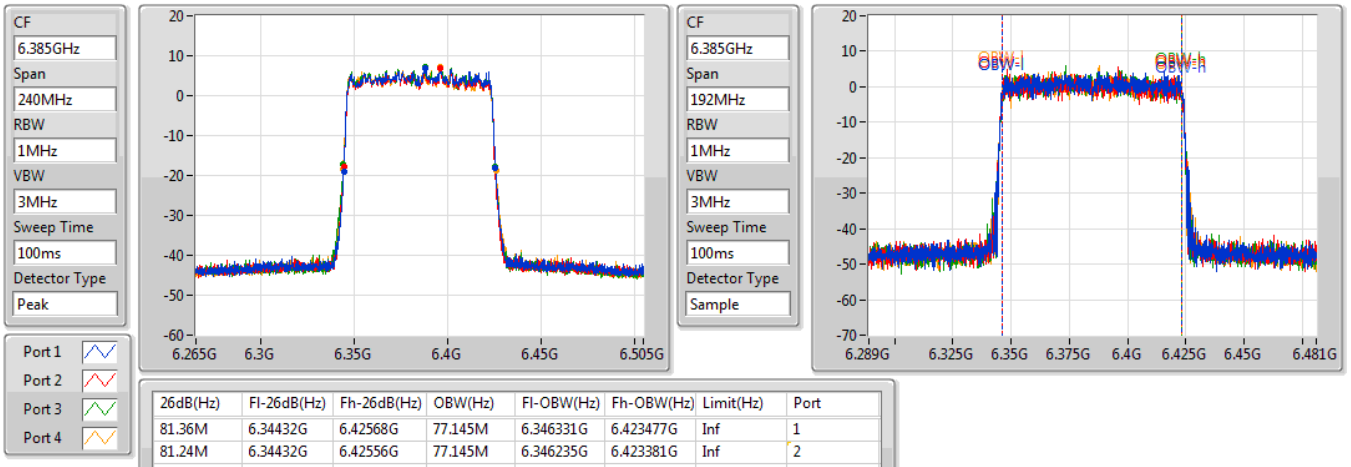


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.18444G	6.2658G	76.954M	6.186427G	6.263381G	Inf	1
81.24M	6.18432G	6.26556G	76.858M	6.186427G	6.263285G	Inf	2
81.6M	6.18408G	6.26568G	76.954M	6.186427G	6.263381G	Inf	3
81.84M	6.18408G	6.26592G	76.954M	6.186427G	6.263381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

6385MHz

26/09/2020

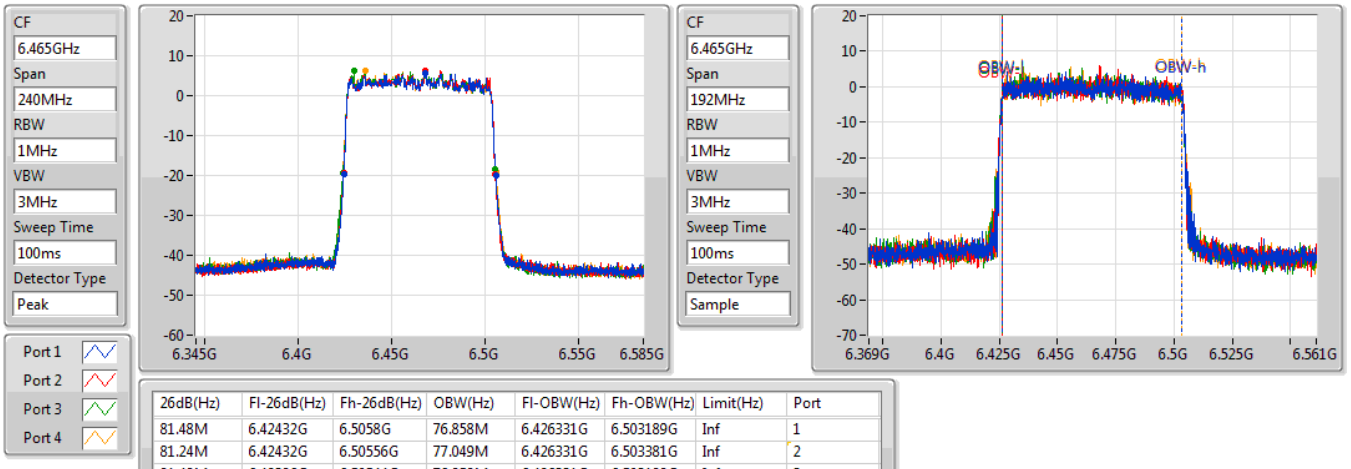


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.34432G	6.42568G	77.145M	6.346331G	6.423477G	Inf	1
81.24M	6.34432G	6.42556G	77.145M	6.346235G	6.423381G	Inf	2
81.24M	6.3442G	6.42544G	76.762M	6.346427G	6.423189G	Inf	3
81.84M	6.34396G	6.4258G	77.049M	6.346235G	6.423285G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

6465MHz

26/09/2020



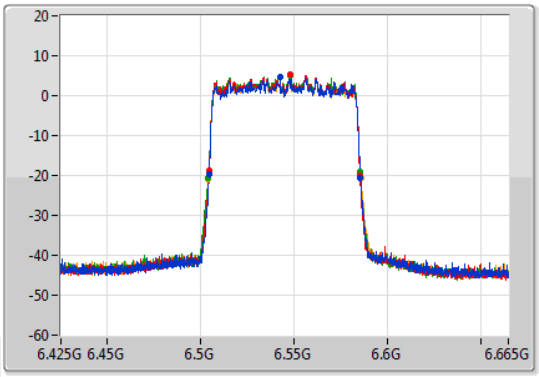
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.42432G	6.5058G	76.858M	6.426331G	6.503189G	Inf	1
81.24M	6.42432G	6.50556G	77.049M	6.426331G	6.503381G	Inf	2
81.48M	6.42396G	6.50544G	76.858M	6.426331G	6.503189G	Inf	3
81.84M	6.42396G	6.5058G	77.145M	6.426235G	6.503381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

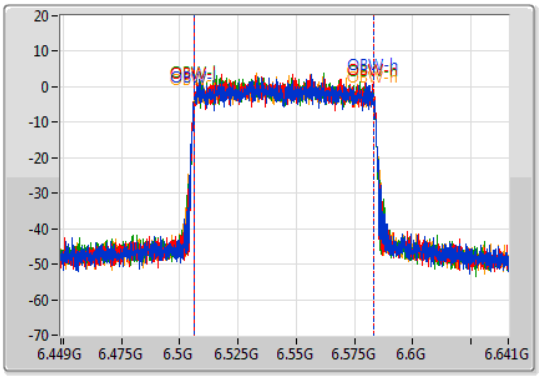
6545MHz Straddle 6.425-6.525GHz

26/09/2020

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



CF 6.545GHz
Span 192MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

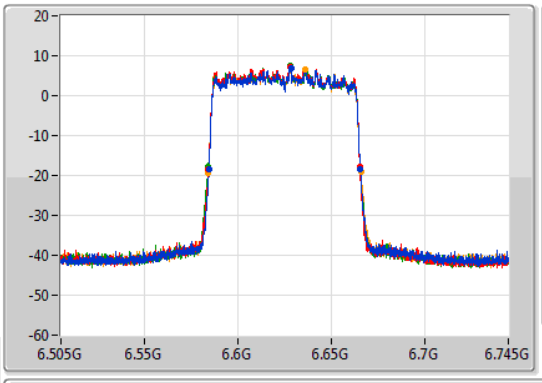
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.50444G	6.58568G	76.858M	6.506427G	6.583285G	Inf	1
81M	6.50444G	6.58544G	76.954M	6.506427G	6.583381G	Inf	2
81.48M	6.50396G	6.58544G	76.858M	6.506427G	6.583285G	Inf	3
81.96M	6.50396G	6.58592G	76.954M	6.506331G	6.583285G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

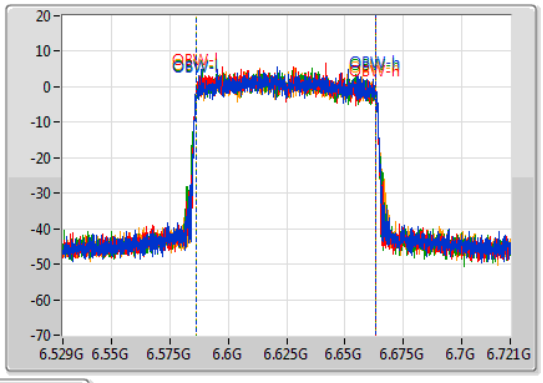
6625MHz

26/09/2020

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



CF 6.625GHz
Span 192MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

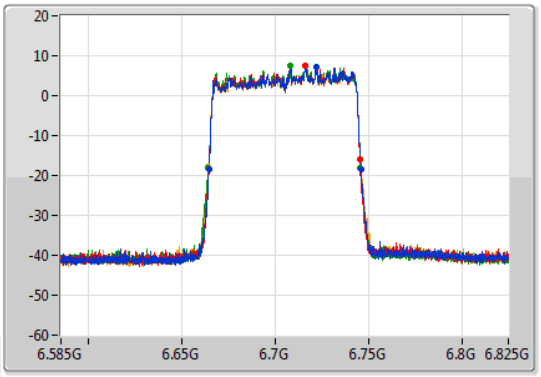
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.58444G	6.66568G	76.954M	6.586331G	6.663285G	Inf	1
81.12M	6.5842G	6.66532G	76.858M	6.586331G	6.663189G	Inf	2
81.36M	6.58408G	6.66544G	76.858M	6.586427G	6.663285G	Inf	3
81.96M	6.58396G	6.66592G	76.762M	6.586427G	6.663189G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

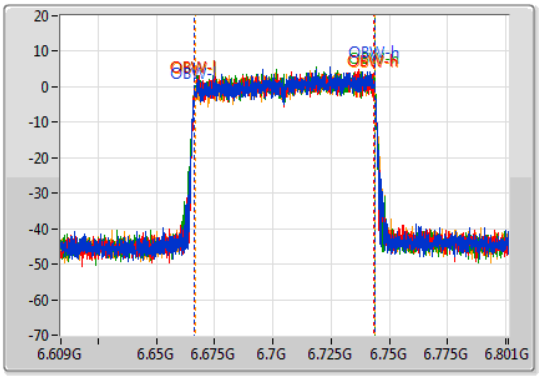
6705MHz

26/09/2020

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



CF	6.705GHz
Span	192MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

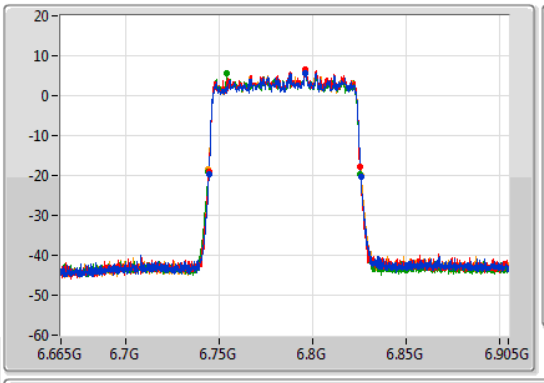
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.66444G	6.74592G	77.241M	6.666427G	6.743669G	Inf	1
81.24M	6.66432G	6.74556G	76.954M	6.666427G	6.743381G	Inf	2
81.6M	6.66408G	6.74568G	77.145M	6.666427G	6.743573G	Inf	3
81.96M	6.6642G	6.74616G	77.049M	6.666523G	6.743573G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

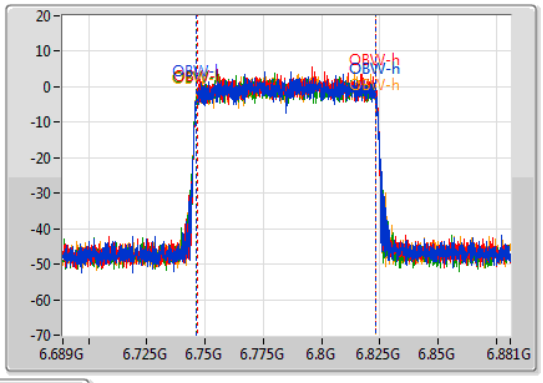
6785MHz

26/09/2020

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



CF	6.785GHz
Span	192MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



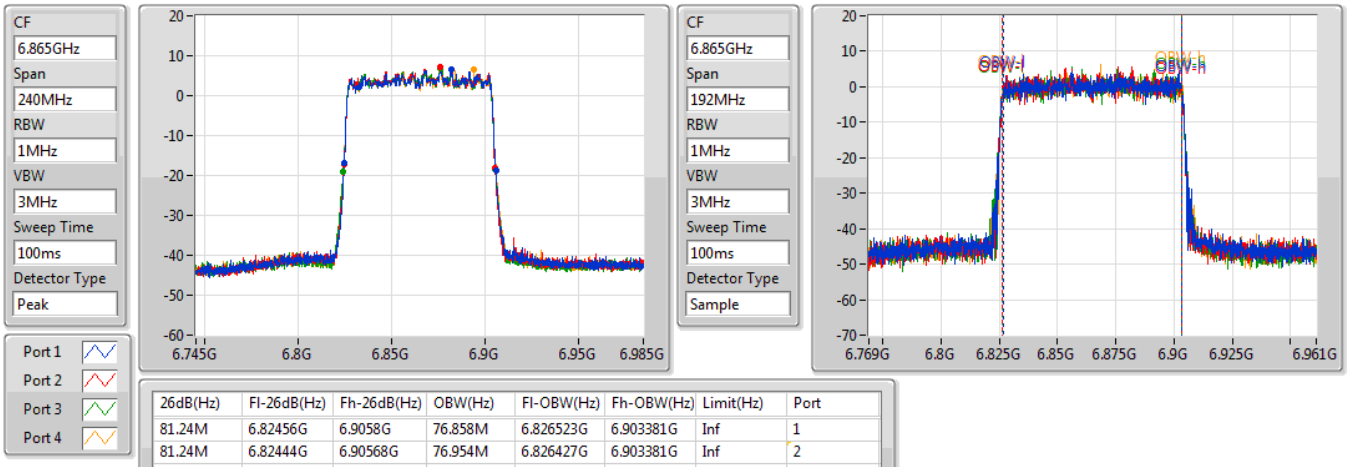
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.74444G	6.82592G	76.954M	6.746427G	6.823381G	Inf	1
81.12M	6.74432G	6.82544G	76.954M	6.746523G	6.823477G	Inf	2
81.48M	6.7442G	6.82568G	76.954M	6.746427G	6.823381G	Inf	3
81.72M	6.7442G	6.82592G	77.049M	6.746331G	6.823381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

6865MHz Straddle 6.525-6.875GHz

26/09/2020

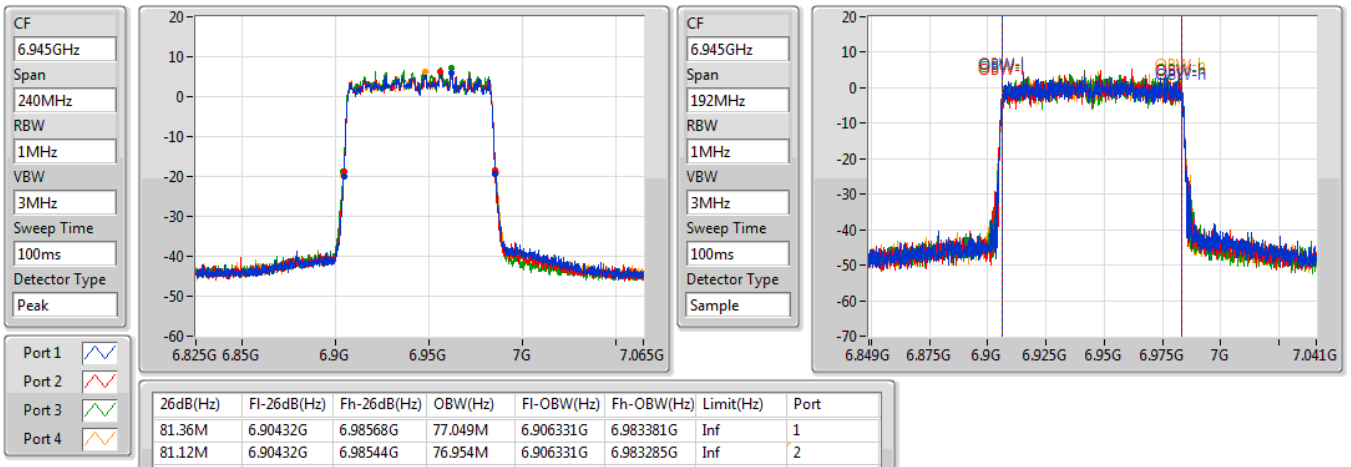


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.82456G	6.9058G	76.858M	6.826523G	6.903381G	Inf	1
81.24M	6.82444G	6.90568G	76.954M	6.826427G	6.903381G	Inf	2
81.6M	6.82408G	6.90568G	77.049M	6.826331G	6.903381G	Inf	3
81.96M	6.82408G	6.90604G	77.049M	6.826427G	6.903477G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

6945MHz

26/09/2020

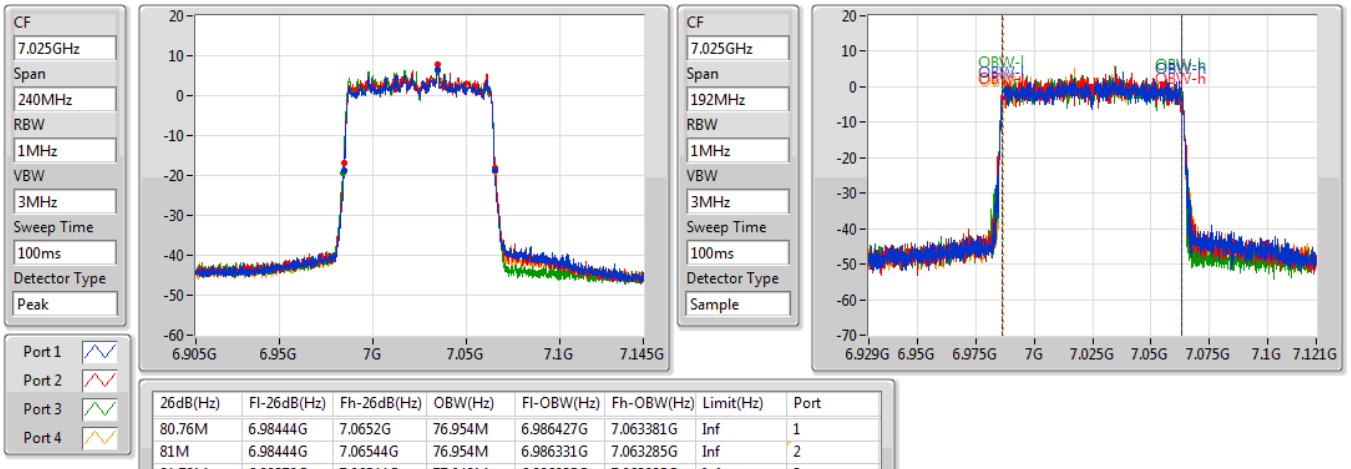


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.90432G	6.98568G	77.049M	6.906331G	6.983381G	Inf	1
81.12M	6.90432G	6.98544G	76.954M	6.906331G	6.983285G	Inf	2
81.36M	6.9042G	6.98556G	76.954M	6.906331G	6.983285G	Inf	3
81.96M	6.90408G	6.98604G	77.049M	6.906427G	6.983477G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

7025MHz

26/09/2020

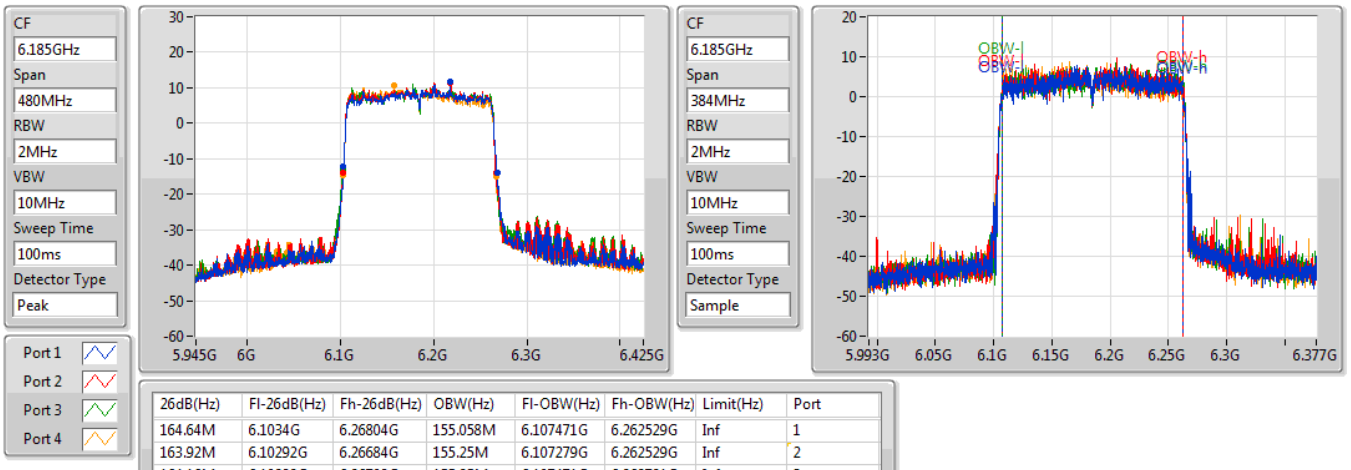


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	6.98444G	7.0652G	76.954M	6.986427G	7.063381G	Inf	1
81M	6.98444G	7.06544G	76.954M	6.986331G	7.063285G	Inf	2
81.72M	6.98372G	7.06544G	77.049M	6.986235G	7.063285G	Inf	3
81.24M	6.98444G	7.06568G	76.762M	6.986715G	7.063477G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

6185MHz

28/09/2020



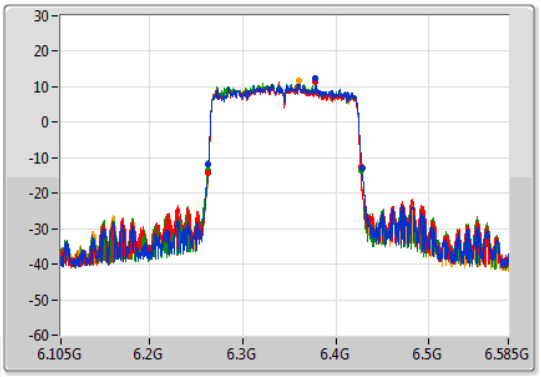
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.1034G	6.26804G	155.058M	6.107471G	6.262529G	Inf	1
163.92M	6.10292G	6.26684G	155.25M	6.107279G	6.262529G	Inf	2
164.16M	6.10292G	6.26708G	155.25M	6.107471G	6.262721G	Inf	3
164.4M	6.10292G	6.26732G	154.867M	6.107279G	6.262145G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

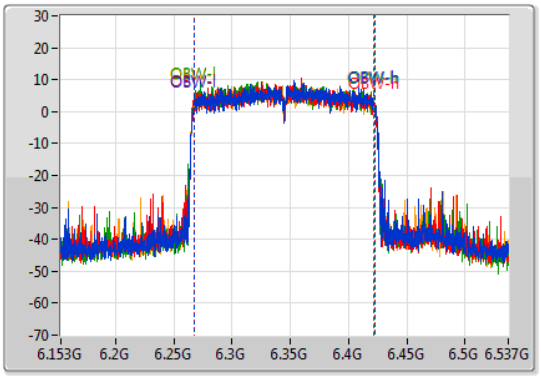
6345MHz

28/09/2020

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



CF	6.345GHz
Span	384MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

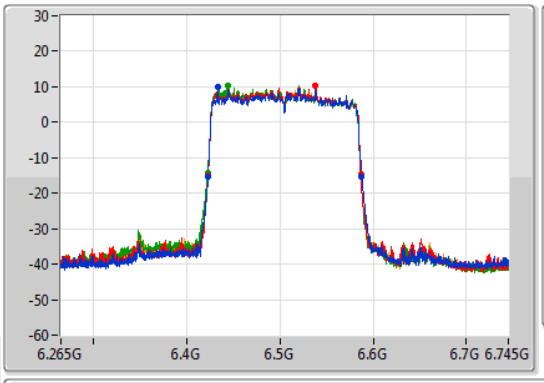
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	6.26316G	6.42804G	154.675M	6.267663G	6.422337G	Inf	1
163.92M	6.26268G	6.4266G	155.442M	6.267087G	6.422529G	Inf	2
164.4M	6.26244G	6.42684G	154.867M	6.267087G	6.421954G	Inf	3
163.44M	6.2634G	6.42684G	154.675M	6.267279G	6.421954G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

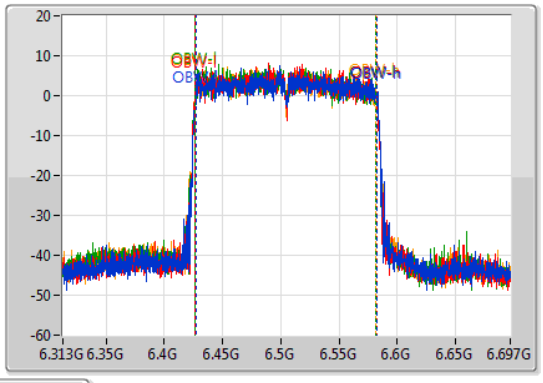
6505MHz Straddle 6.425-6.525GHz

28/09/2020

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



CF	6.505GHz
Span	384MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



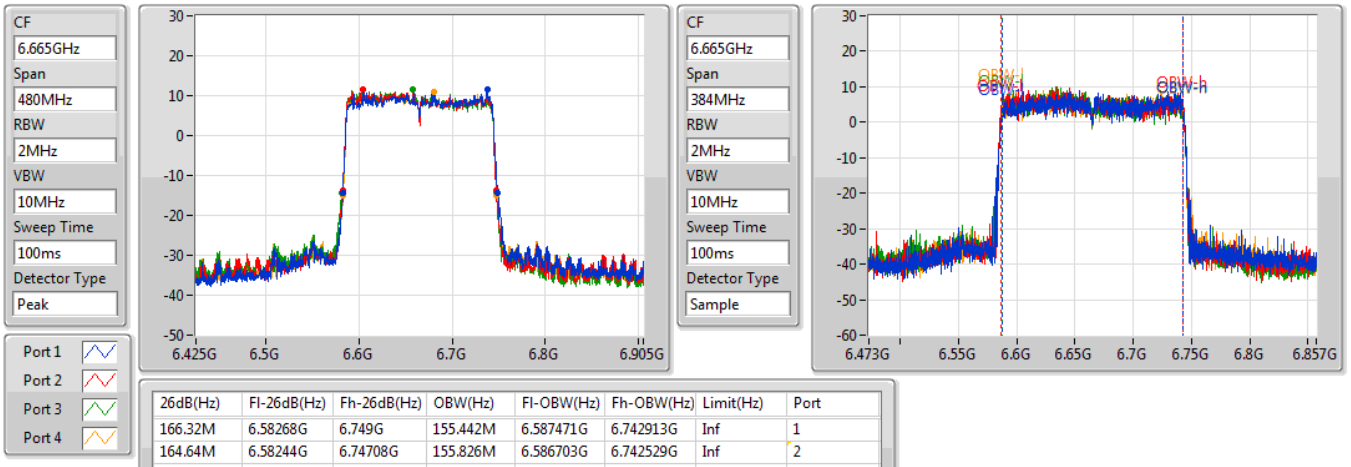
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	6.42268G	6.5878G	155.25M	6.427087G	6.582337G	Inf	1
163.92M	6.42268G	6.5866G	155.25M	6.426895G	6.582145G	Inf	2
164.64M	6.4222G	6.58684G	155.058M	6.426895G	6.581954G	Inf	3
163.92M	6.42292G	6.58684G	155.058M	6.426895G	6.581954G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

6665MHz

28/09/2020

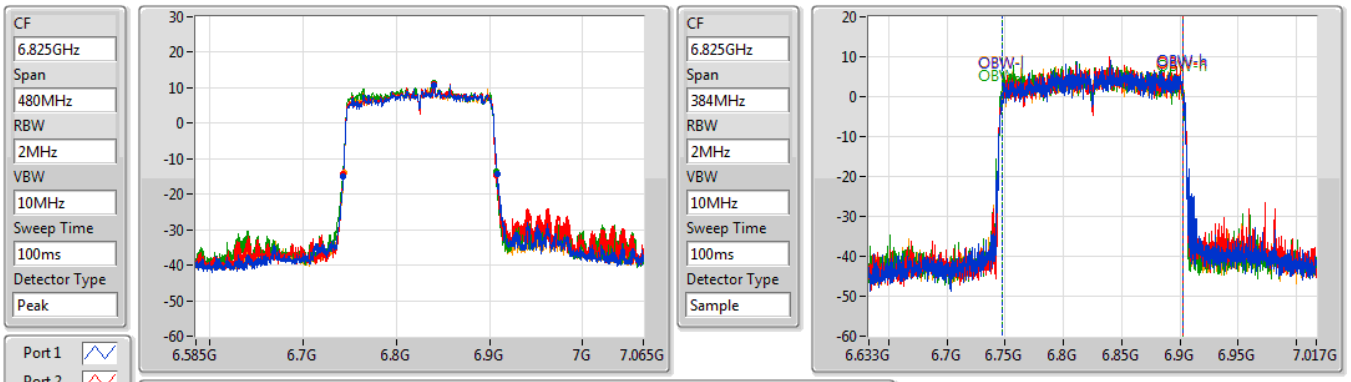


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
166.32M	6.58268G	6.749G	155.442M	6.587471G	6.742913G	Inf	1
164.64M	6.58244G	6.74708G	155.826M	6.586703G	6.742529G	Inf	2
165.84M	6.58148G	6.74732G	155.442M	6.587087G	6.742529G	Inf	3
164.64M	6.58292G	6.74756G	155.442M	6.587279G	6.742721G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

6825MHz Straddle 6.525-6.875GHz

28/09/2020

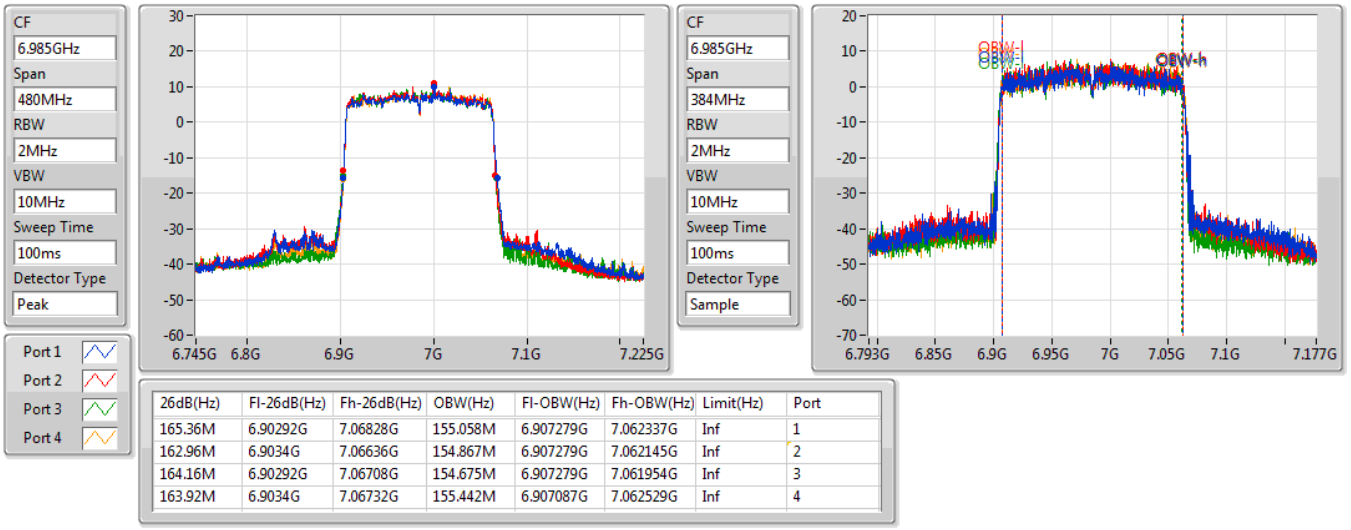


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	6.74316G	6.90828G	155.058M	6.747663G	6.902721G	Inf	1
164.16M	6.74316G	6.90732G	154.867M	6.747663G	6.902529G	Inf	2
164.16M	6.74268G	6.90684G	154.867M	6.747279G	6.902145G	Inf	3
163.44M	6.74364G	6.90708G	155.058M	6.747471G	6.902529G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **EBW**

6985MHz

28/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.36M	6.90292G	7.06828G	155.058M	6.907279G	7.062337G	Inf	1
162.96M	6.9034G	7.06636G	154.867M	6.907279G	7.062145G	Inf	2
164.16M	6.90292G	7.06708G	154.675M	6.907279G	7.061954G	Inf	3
163.92M	6.9034G	7.06732G	155.442M	6.907087G	7.062529G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.99M	19.022M	19M0D1D	21.39M	18.951M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.2M	37.661M	37M7D1D	39.72M	37.373M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.049M	77M0D1D	81.12M	76.762M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165.36M	155.826M	156MD1D	163.68M	154.483M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.96M	18.999M	19M0D1D	21.3M	18.951M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.2M	37.613M	37M6D1D	39.78M	37.469M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.48M	77.049M	77M0D1D	81M	76.858M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165.6M	156.018M	156MD1D	163.92M	155.058M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.93M	18.999M	19M0D1D	21.36M	18.951M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.2M	37.661M	37M7D1D	39.78M	37.469M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.84M	77.145M	77M1D1D	80.88M	76.762M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165.36M	155.442M	155MD1D	163.68M	154.675M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.99M	18.999M	19M0D1D	21.39M	18.903M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.2M	37.613M	37M6D1D	39.72M	37.421M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.6M	77.145M	77M1D1D	81M	76.666M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.88M	155.058M	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

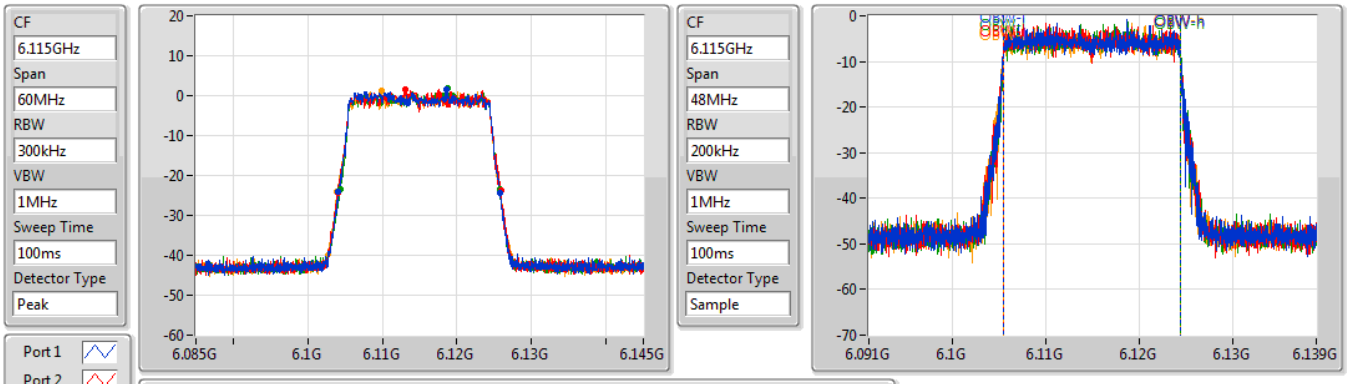
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.72M	18.975M	21.9M	18.975M	21.39M	18.951M	21.84M	18.999M
6255MHz	Pass	Inf	21.72M	18.951M	21.69M	19.022M	21.54M	18.975M	21.87M	18.999M
6415MHz	Pass	Inf	21.39M	18.975M	21.81M	18.975M	21.42M	18.999M	21.99M	18.999M
6435MHz	Pass	Inf	21.39M	18.975M	21.78M	18.975M	21.39M	18.975M	21.75M	18.975M
6475MHz	Pass	Inf	21.42M	18.951M	21.75M	18.975M	21.51M	18.975M	21.96M	18.975M
6515MHz	Pass	Inf	21.3M	18.975M	21.84M	18.975M	21.39M	18.975M	21.78M	18.999M
6535MHz	Pass	Inf	21.69M	18.975M	21.81M	18.975M	21.51M	18.951M	21.66M	18.975M
6695MHz	Pass	Inf	21.54M	18.999M	21.78M	18.975M	21.54M	18.975M	21.93M	18.975M
6855MHz	Pass	Inf	21.36M	18.975M	21.78M	18.999M	21.51M	18.951M	21.81M	18.975M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.39M	18.951M	21.72M	18.999M	21.57M	18.999M	21.87M	18.975M
6895MHz	Pass	Inf	21.45M	18.903M	21.99M	18.999M	21.51M	18.999M	21.93M	18.999M
7015MHz	Pass	Inf	21.51M	18.975M	21.78M	18.999M	21.45M	18.927M	21.81M	18.975M
7095MHz	Pass	Inf	21.51M	18.975M	21.72M	18.951M	21.39M	18.975M	21.72M	18.951M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	39.78M	37.373M	40.02M	37.517M	39.84M	37.565M	40.08M	37.565M
6245MHz	Pass	Inf	39.9M	37.469M	39.96M	37.613M	39.72M	37.469M	40.2M	37.565M
6405MHz	Pass	Inf	39.84M	37.421M	40.02M	37.613M	39.84M	37.517M	40.02M	37.661M
6445MHz	Pass	Inf	39.9M	37.565M	39.96M	37.565M	39.84M	37.517M	40.14M	37.565M
6485MHz	Pass	Inf	39.9M	37.565M	40.02M	37.517M	39.78M	37.469M	40.14M	37.613M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	39.9M	37.613M	40.08M	37.469M	39.9M	37.517M	40.2M	37.565M
6565MHz	Pass	Inf	39.84M	37.517M	40.08M	37.613M	39.9M	37.565M	40.08M	37.565M
6685MHz	Pass	Inf	39.96M	37.469M	40.2M	37.613M	39.84M	37.517M	40.14M	37.613M
6845MHz	Pass	Inf	39.96M	37.613M	40.14M	37.517M	39.78M	37.469M	40.02M	37.661M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	39.84M	37.517M	40.08M	37.661M	39.78M	37.469M	40.2M	37.613M
6925MHz	Pass	Inf	39.84M	37.565M	40.02M	37.613M	39.84M	37.469M	40.08M	37.613M
7005MHz	Pass	Inf	39.72M	37.469M	39.9M	37.565M	39.72M	37.469M	40.08M	37.613M
7085MHz	Pass	Inf	39.9M	37.421M	39.96M	37.469M	39.9M	37.517M	40.2M	37.613M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.12M	76.858M	81.24M	76.858M	81.36M	76.858M	81.24M	76.954M
6225MHz	Pass	Inf	81.24M	77.049M	81.48M	76.858M	81.36M	76.954M	81.12M	76.762M
6385MHz	Pass	Inf	81.24M	76.858M	81.48M	76.954M	81.72M	76.954M	81.12M	76.858M
6465MHz	Pass	Inf	81.36M	77.049M	81.48M	76.858M	81.12M	76.954M	81M	77.049M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.48M	77.049M	81.48M	76.954M	81.24M	77.049M	81.12M	77.049M
6625MHz	Pass	Inf	81.24M	76.858M	81.24M	76.858M	81.48M	77.049M	81.24M	76.954M
6705MHz	Pass	Inf	81.6M	76.954M	81.36M	76.954M	81.12M	77.049M	80.88M	77.049M
6785MHz	Pass	Inf	81.48M	77.049M	81.48M	76.858M	81.36M	77.049M	81.24M	76.954M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.84M	77.145M	81.36M	76.762M	81.12M	77.049M	81.48M	77.049M
6945MHz	Pass	Inf	81.6M	77.145M	81.6M	77.049M	81.24M	76.858M	81.24M	77.049M
7025MHz	Pass	Inf	81.36M	76.858M	81.6M	76.954M	81M	76.954M	81.36M	76.666M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	164.64M	155.058M	163.68M	155.634M	164.64M	155.25M	165.36M	155.826M
6345MHz	Pass	Inf	164.16M	154.483M	163.68M	155.058M	164.16M	154.675M	165.12M	154.867M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	165.12M	156.018M	163.92M	155.058M	164.16M	155.058M	165.6M	155.25M
6665MHz	Pass	Inf	164.4M	154.675M	163.68M	154.867M	163.68M	154.867M	165.36M	155.442M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	164.88M	155.442M	163.92M	155.058M	164.64M	155.25M	165.36M	155.058M
6985MHz	Pass	Inf	164.88M	155.058M	163.44M	154.675M	163.92M	154.675M	164.64M	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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6115MHz

28/09/2020

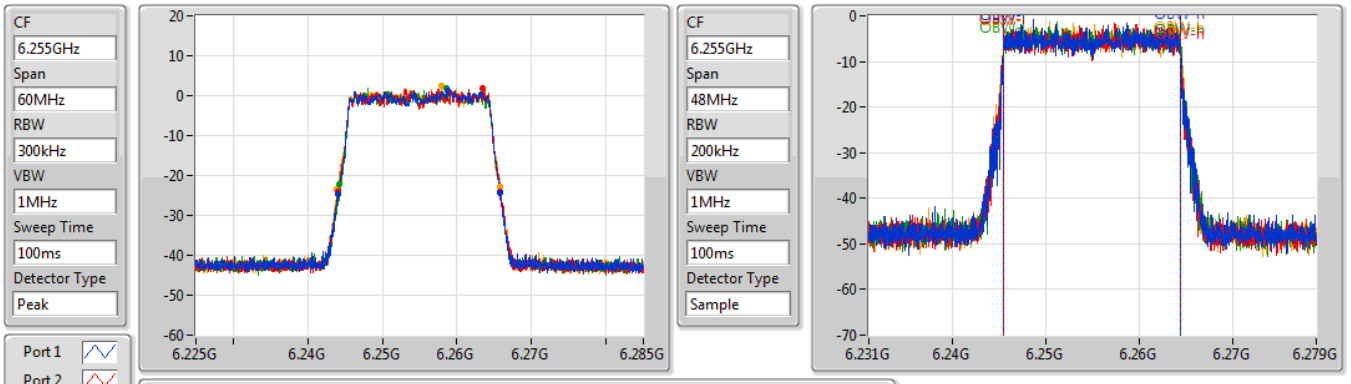


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.10411G	6.12583G	18.975M	6.105453G	6.124427G	Inf	1
21.9M	6.10399G	6.12589G	18.975M	6.105429G	6.124403G	Inf	2
21.39M	6.10432G	6.12571G	18.951M	6.105453G	6.124403G	Inf	3
21.84M	6.10396G	6.1258G	18.999M	6.105429G	6.124427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6255MHz

29/09/2020

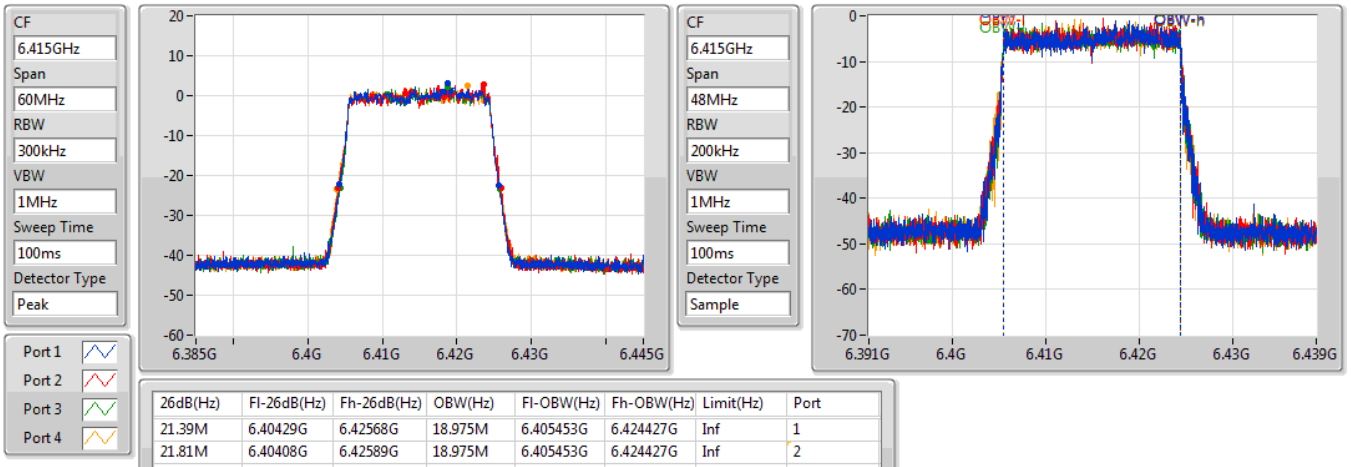


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.24408G	6.2658G	18.951M	6.245453G	6.264403G	Inf	1
21.69M	6.24408G	6.26577G	19.022M	6.245429G	6.264451G	Inf	2
21.54M	6.24423G	6.26577G	18.975M	6.245453G	6.264427G	Inf	3
21.87M	6.24396G	6.26583G	18.999M	6.245405G	6.264403G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6415MHz

29/09/2020

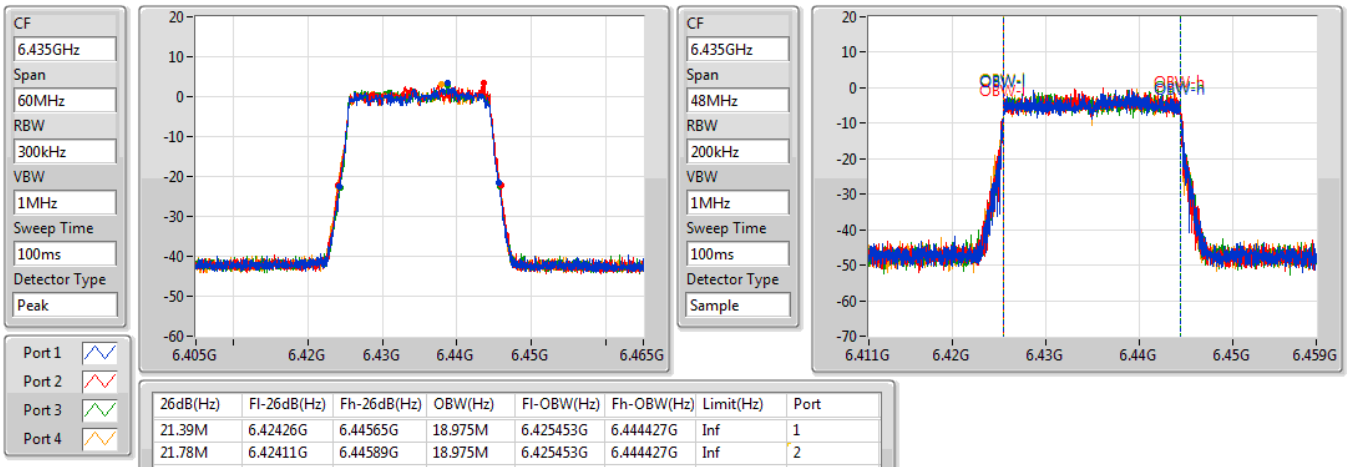


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	6.40429G	6.42568G	18.975M	6.405453G	6.424427G	Inf	1
21.81M	6.40408G	6.42589G	18.975M	6.405453G	6.424427G	Inf	2
21.42M	6.40432G	6.42574G	18.999M	6.405429G	6.424427G	Inf	3
21.99M	6.40393G	6.42592G	18.999M	6.405429G	6.424427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6435MHz

28/09/2020

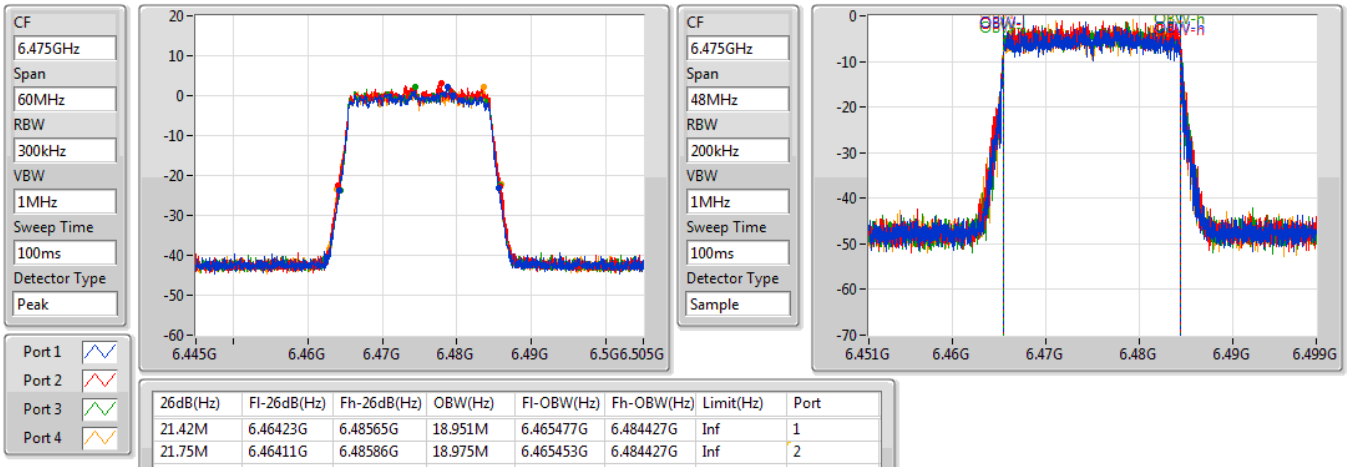


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	6.42426G	6.44565G	18.975M	6.425453G	6.444427G	Inf	1
21.78M	6.42411G	6.44589G	18.975M	6.425453G	6.444427G	Inf	2
21.39M	6.42432G	6.44571G	18.975M	6.425453G	6.444427G	Inf	3
21.75M	6.42399G	6.44574G	18.975M	6.425453G	6.444427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6475MHz

28/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	6.46423G	6.48565G	18.951M	6.465477G	6.484427G	Inf	1
21.75M	6.46411G	6.48586G	18.975M	6.465453G	6.484427G	Inf	2
21.51M	6.46432G	6.48583G	18.975M	6.465453G	6.484427G	Inf	3
21.96M	6.46396G	6.48592G	18.975M	6.465453G	6.484427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6515MHz

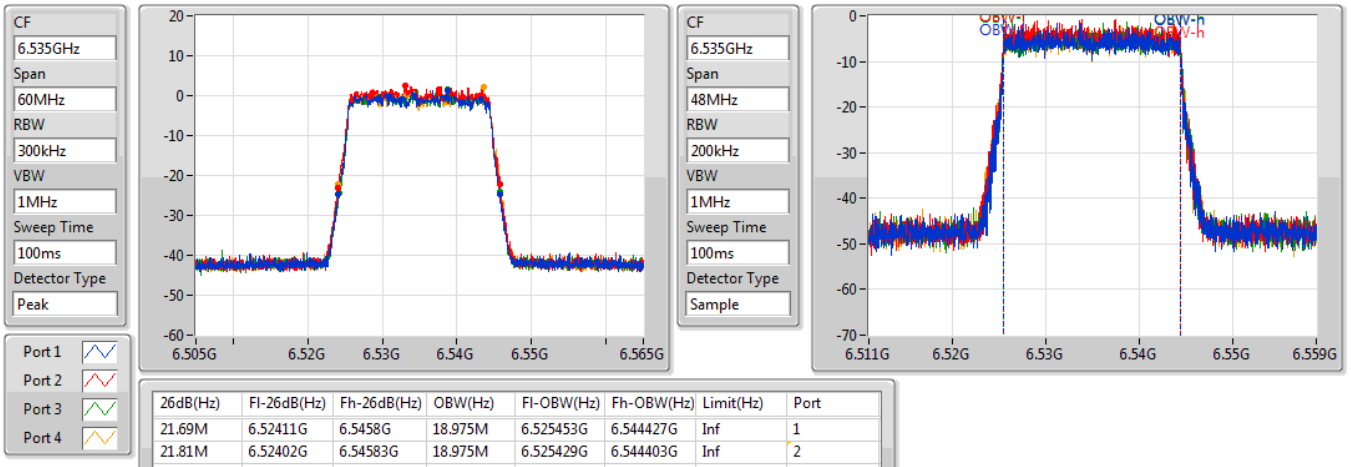
28/09/2020

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	6.50432G	6.52562G	18.975M	6.505453G	6.524427G	Inf	1
21.84M	6.50402G	6.52586G	18.975M	6.505453G	6.524427G	Inf	2
21.39M	6.50435G	6.52574G	18.975M	6.505453G	6.524427G	Inf	3
21.78M	6.50402G	6.5258G	18.999M	6.505429G	6.524427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6535MHz

29/09/2020

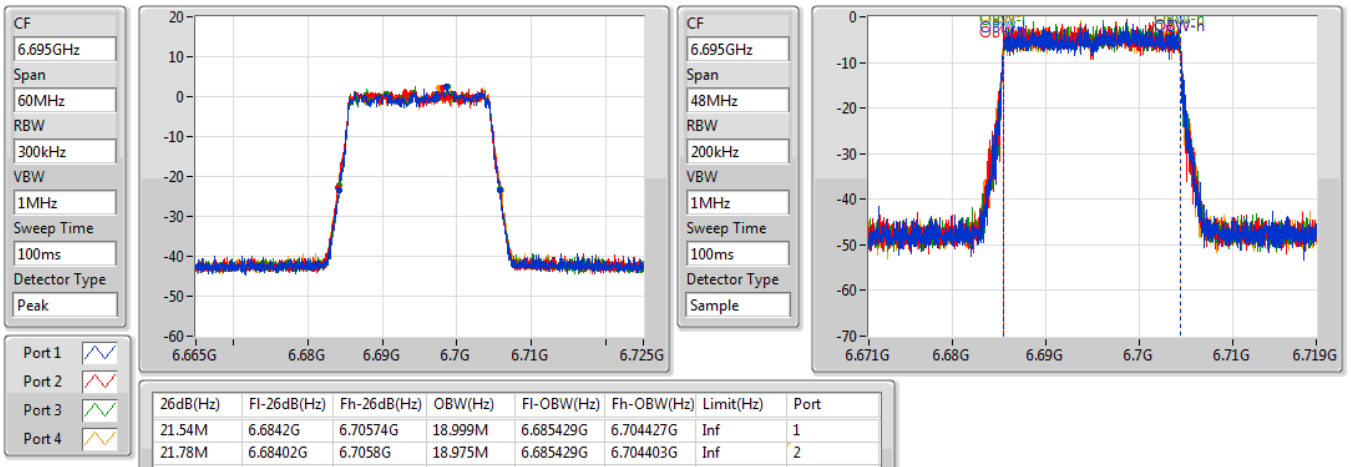


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.52411G	6.5458G	18.975M	6.525453G	6.544427G	Inf	1
21.81M	6.52402G	6.54583G	18.975M	6.525429G	6.544403G	Inf	2
21.51M	6.52426G	6.54577G	18.951M	6.525453G	6.544403G	Inf	3
21.66M	6.52408G	6.54574G	18.975M	6.525429G	6.544403G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6695MHz

28/09/2020

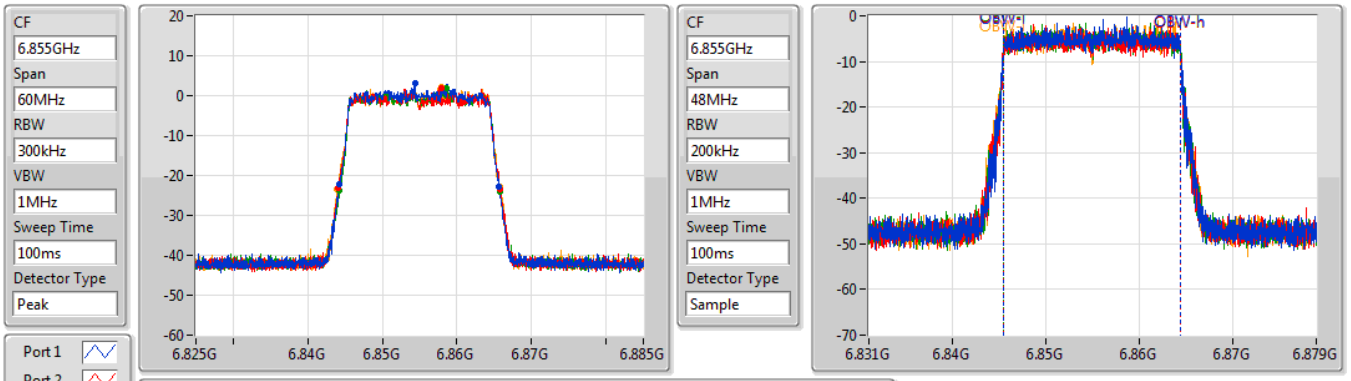


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	6.6842G	6.70574G	18.999M	6.685429G	6.704427G	Inf	1
21.78M	6.68402G	6.7058G	18.975M	6.685429G	6.704403G	Inf	2
21.54M	6.6842G	6.70574G	18.975M	6.685429G	6.704403G	Inf	3
21.93M	6.68399G	6.70592G	18.975M	6.685429G	6.704403G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6855MHz

28/09/2020

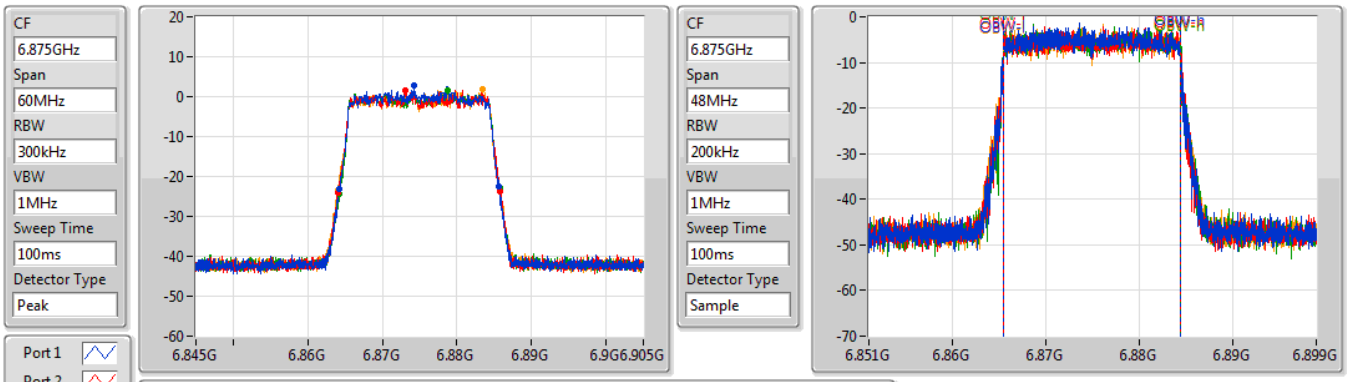


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	6.84429G	6.86565G	18.975M	6.845429G	6.864403G	Inf	1
21.78M	6.84408G	6.86586G	18.999M	6.845405G	6.864403G	Inf	2
21.51M	6.84429G	6.8658G	18.951M	6.845453G	6.864403G	Inf	3
21.81M	6.84396G	6.86577G	18.975M	6.845429G	6.864403G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6875MHz Straddle 6.525-6.875GHz

29/09/2020



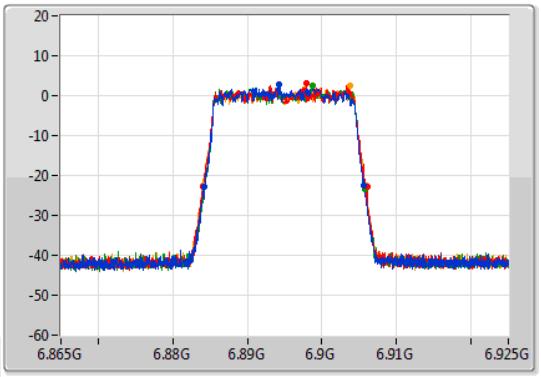
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	6.86423G	6.88562G	18.951M	6.865453G	6.884403G	Inf	1
21.72M	6.86405G	6.88577G	18.999M	6.865429G	6.884427G	Inf	2
21.57M	6.86423G	6.8858G	18.999M	6.865453G	6.884451G	Inf	3
21.87M	6.86399G	6.88586G	18.975M	6.865453G	6.884427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

6895MHz

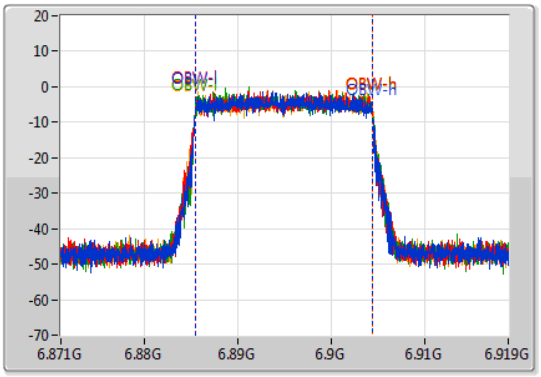
29/09/2020

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



Port 1
Port 2
Port 3
Port 4

CF	6.895GHz
Span	48MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



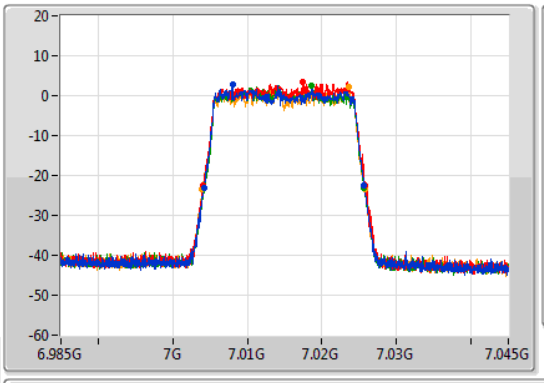
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	6.88423G	6.90568G	18.903M	6.885477G	6.904379G	Inf	1
21.99M	6.88405G	6.90604G	18.999M	6.885429G	6.904427G	Inf	2
21.51M	6.88426G	6.90577G	18.999M	6.885429G	6.904427G	Inf	3
21.93M	6.88399G	6.90592G	18.999M	6.885429G	6.904427G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

7015MHz

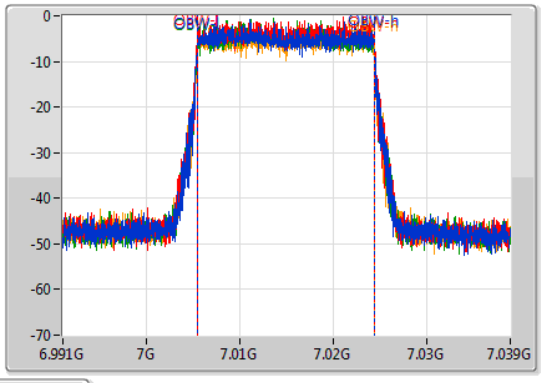
29/09/2020

CF	7.015GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

CF	7.015GHz
Span	48MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



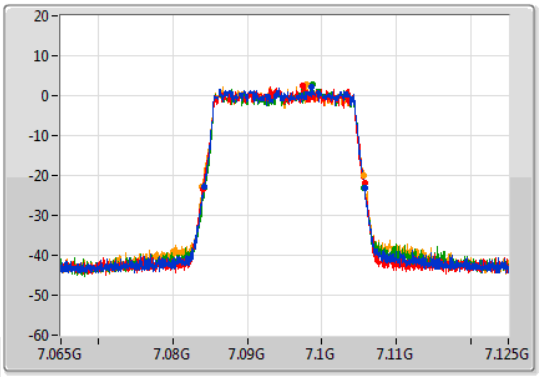
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	7.00417G	7.02568G	18.975M	7.005429G	7.024403G	Inf	1
21.78M	7.00405G	7.02583G	18.999M	7.005429G	7.024427G	Inf	2
21.45M	7.00423G	7.02568G	18.927M	7.005453G	7.024379G	Inf	3
21.81M	7.00396G	7.02577G	18.975M	7.005429G	7.024403G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

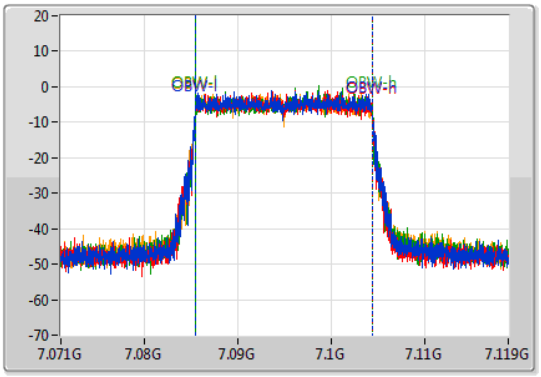
7095MHz

30/09/2020

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



CF	7.095GHz
Span	48MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

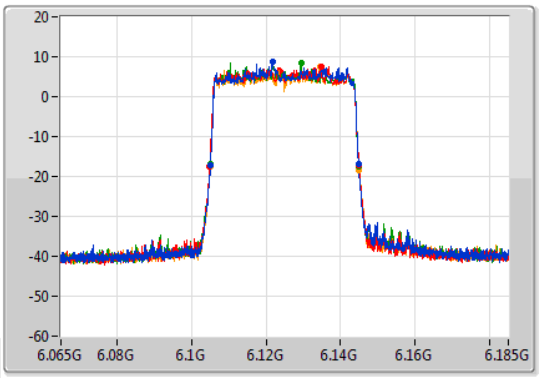
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	7.0842G	7.10571G	18.975M	7.085429G	7.104403G	Inf	1
21.72M	7.08402G	7.10574G	18.951M	7.085429G	7.104379G	Inf	2
21.39M	7.08429G	7.10568G	18.975M	7.085429G	7.104403G	Inf	3
21.72M	7.08396G	7.10568G	18.951M	7.085429G	7.104379G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

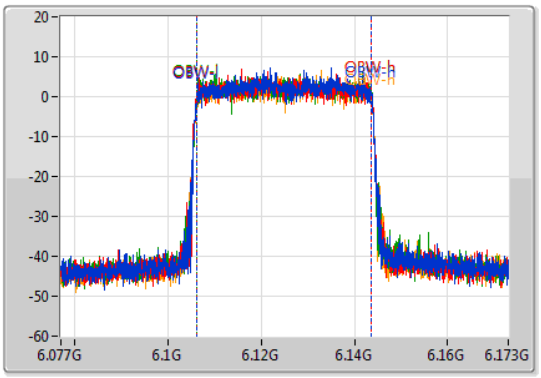
6125MHz

29/09/2020

CF	6.125GHz
Span	120MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



CF	6.125GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



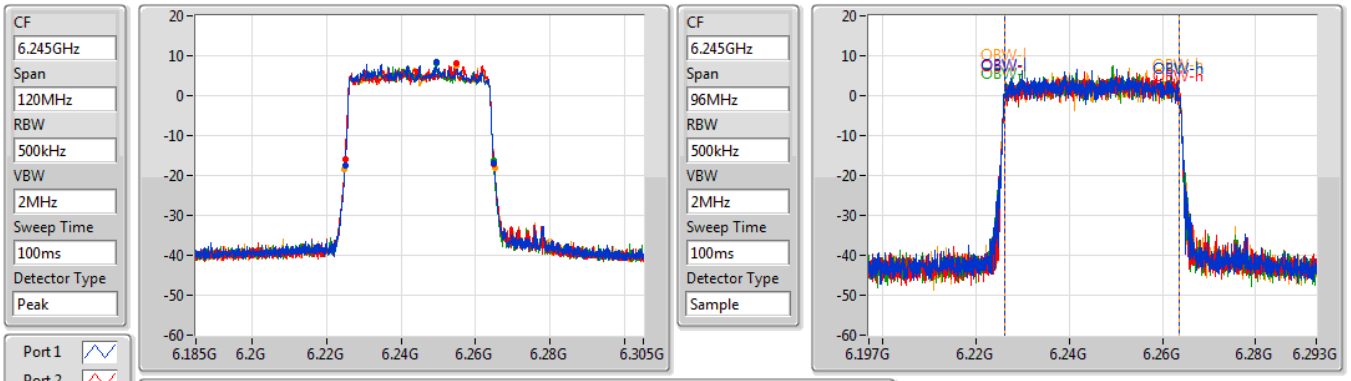
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	6.10508G	6.14486G	37.373M	6.106241G	6.143615G	Inf	1
40.02M	6.1049G	6.14492G	37.517M	6.106145G	6.143663G	Inf	2
39.84M	6.10508G	6.14492G	37.565M	6.106145G	6.143711G	Inf	3
40.08M	6.10496G	6.14504G	37.565M	6.106145G	6.143711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

6245MHz

29/09/2020

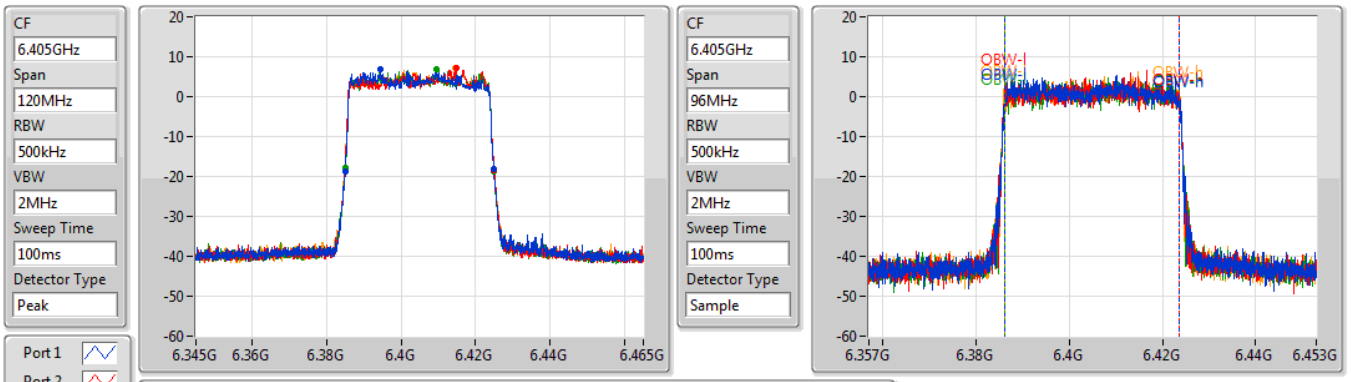


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	6.22502G	6.26492G	37.469M	6.226145G	6.263615G	Inf	1
39.96M	6.22502G	6.26498G	37.613M	6.226097G	6.263711G	Inf	2
39.72M	6.22508G	6.2648G	37.469M	6.226193G	6.263663G	Inf	3
40.2M	6.2249G	6.2651G	37.565M	6.226097G	6.263663G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

6405MHz

29/09/2020

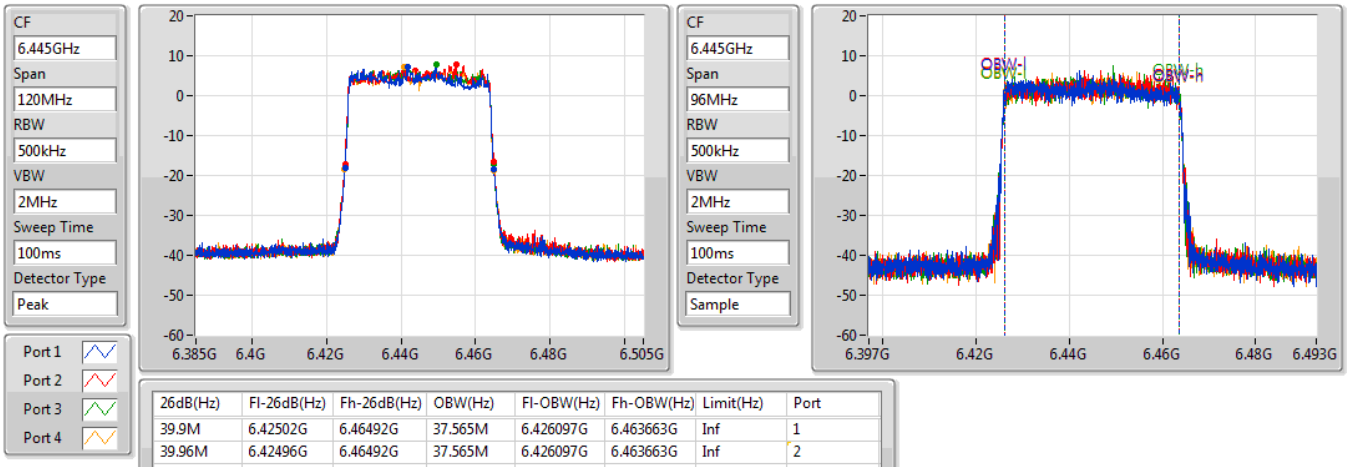


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	6.38502G	6.42486G	37.421M	6.386193G	6.423615G	Inf	1
40.02M	6.38496G	6.42498G	37.613M	6.386097G	6.423711G	Inf	2
39.84M	6.38508G	6.42492G	37.517M	6.386193G	6.423711G	Inf	3
40.02M	6.38496G	6.42498G	37.661M	6.386049G	6.423711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

6445MHz

29/09/2020

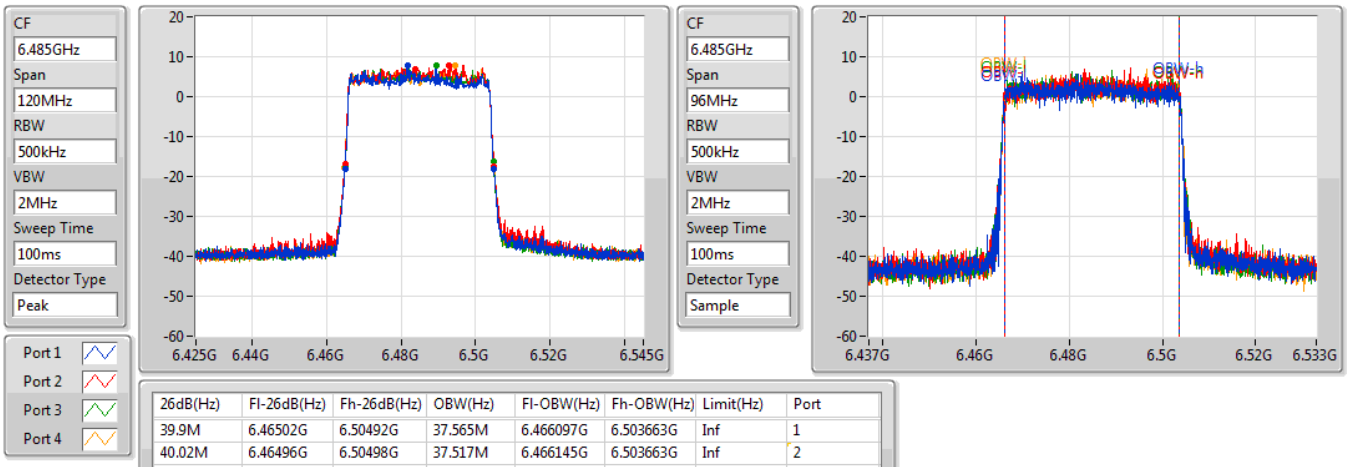


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	6.42502G	6.46492G	37.565M	6.426097G	6.463663G	Inf	1
39.96M	6.42496G	6.46492G	37.565M	6.426097G	6.463663G	Inf	2
39.84M	6.42502G	6.46486G	37.517M	6.426145G	6.463663G	Inf	3
40.14M	6.4249G	6.46504G	37.565M	6.426097G	6.463663G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

6485MHz

29/09/2020



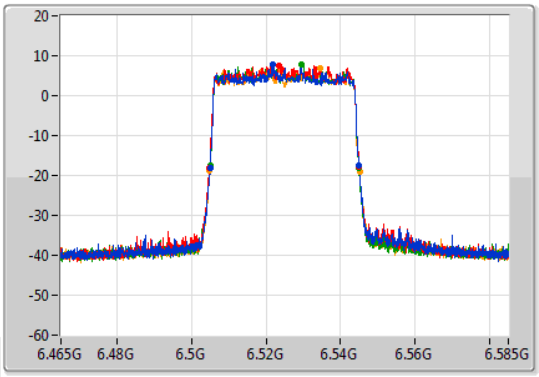
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	6.46502G	6.50492G	37.565M	6.466097G	6.503663G	Inf	1
40.02M	6.46496G	6.50498G	37.517M	6.466145G	6.503663G	Inf	2
39.78M	6.46502G	6.5048G	37.469M	6.466193G	6.503663G	Inf	3
40.14M	6.4649G	6.50504G	37.613M	6.466049G	6.503663G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

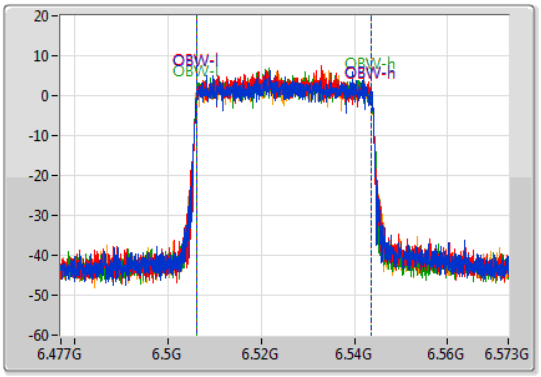
6525MHz Straddle 6.425-6.525GHz

29/09/2020

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



CF	6.525GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

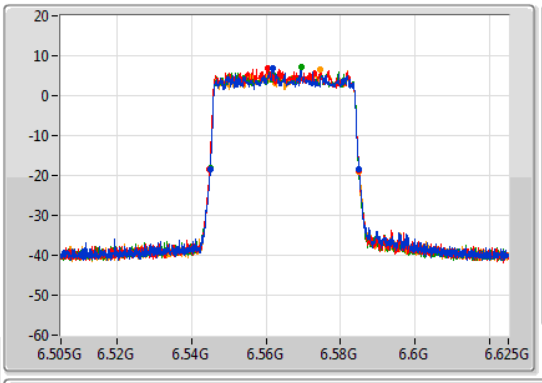
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	6.50502G	6.54492G	37.613M	6.506097G	6.543711G	Inf	1
40.08M	6.5049G	6.54498G	37.469M	6.506193G	6.543663G	Inf	2
39.9M	6.50502G	6.54492G	37.517M	6.506145G	6.543663G	Inf	3
40.2M	6.5049G	6.5451G	37.565M	6.506097G	6.543663G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

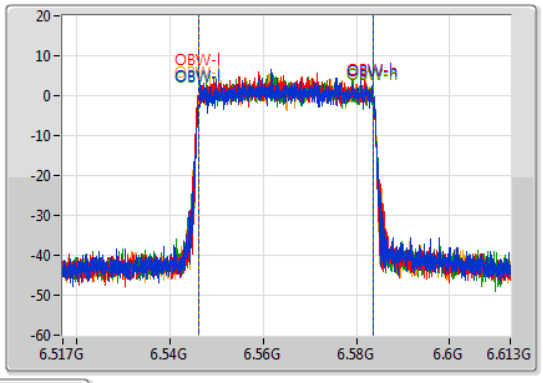
6565MHz

29/09/2020

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



CF	6.565GHz
Span	96MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

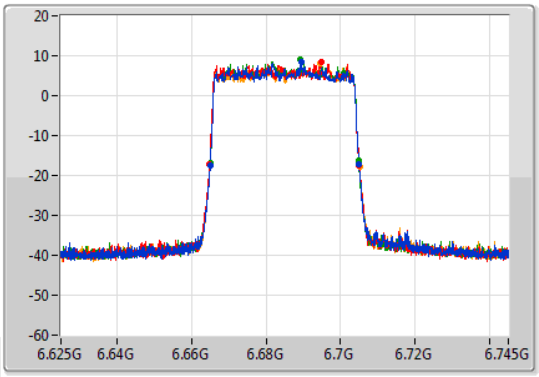
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	6.54508G	6.58492G	37.517M	6.546193G	6.583711G	Inf	1
40.08M	6.5449G	6.58498G	37.613M	6.546049G	6.583663G	Inf	2
39.9M	6.54502G	6.58492G	37.565M	6.546145G	6.583711G	Inf	3
40.08M	6.54496G	6.58504G	37.565M	6.546097G	6.583663G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

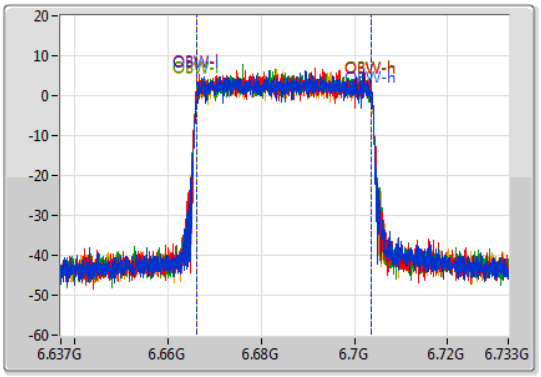
6685MHz

29/09/2020

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



CF 6.685GHz
Span 96MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

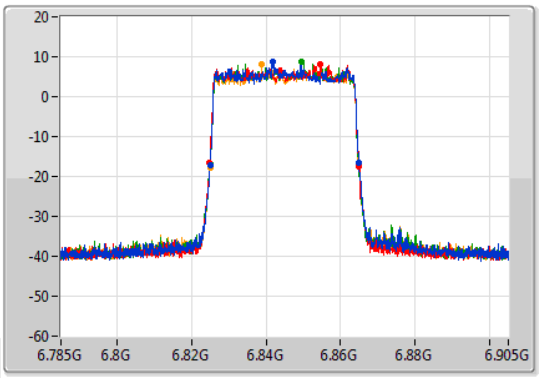
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.66502G	6.70498G	37.469M	6.666193G	6.703663G	Inf	1
40.2M	6.66484G	6.70504G	37.613M	6.666049G	6.703663G	Inf	2
39.84M	6.66502G	6.70486G	37.517M	6.666145G	6.703663G	Inf	3
40.14M	6.66496G	6.7051G	37.613M	6.666097G	6.703711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

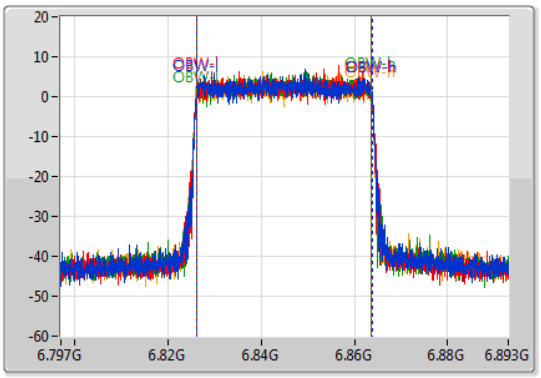
6845MHz

29/09/2020

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



CF 6.845GHz
Span 96MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Sample



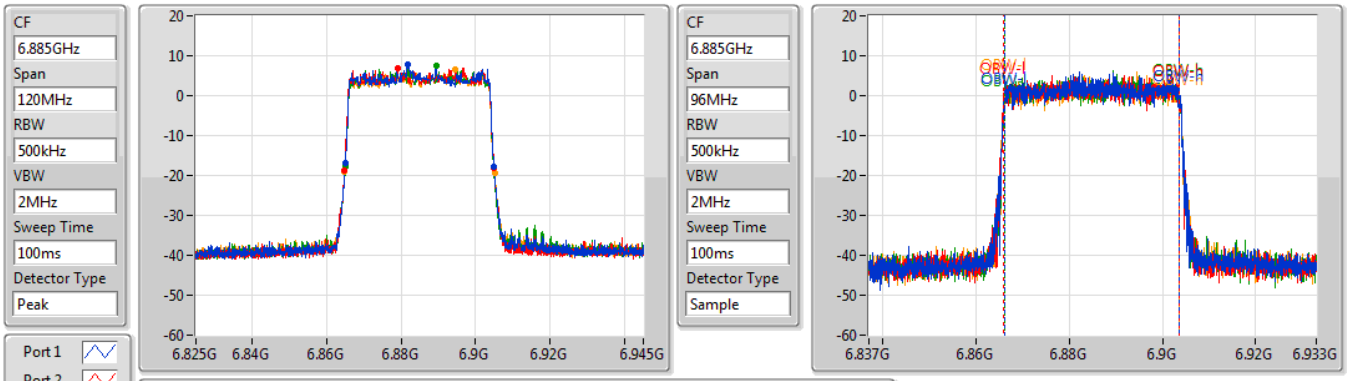
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.82496G	6.86492G	37.613M	6.826145G	6.863759G	Inf	1
40.14M	6.8249G	6.86504G	37.517M	6.826145G	6.863663G	Inf	2
39.78M	6.82508G	6.86486G	37.469M	6.826193G	6.863663G	Inf	3
40.02M	6.82496G	6.86498G	37.661M	6.826049G	6.863711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

6885MHz Straddle 6.525-6.875GHz

29/09/2020

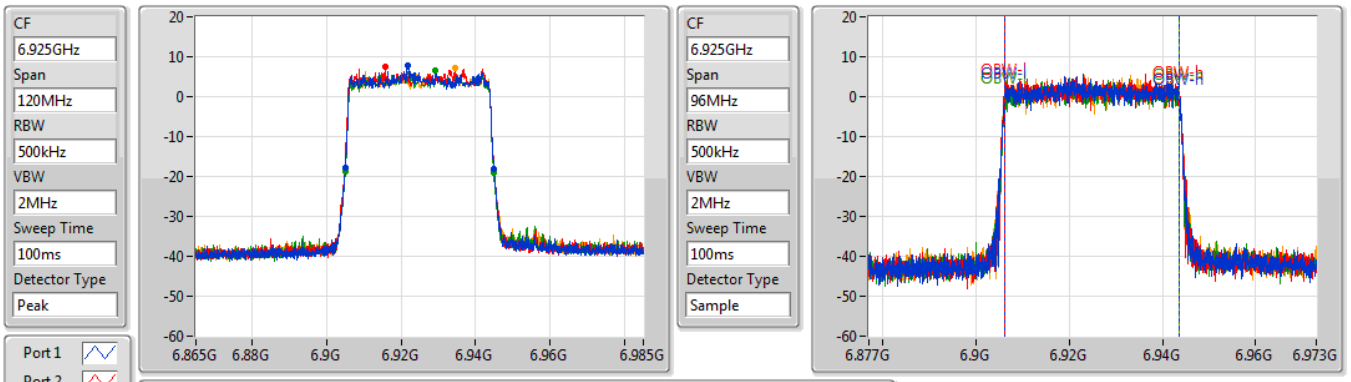


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	6.86508G	6.90492G	37.517M	6.866193G	6.903711G	Inf	1
40.08M	6.8649G	6.90498G	37.661M	6.866001G	6.903663G	Inf	2
39.78M	6.86508G	6.90486G	37.469M	6.866241G	6.903711G	Inf	3
40.2M	6.8649G	6.9051G	37.613M	6.866097G	6.903711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

6925MHz

29/09/2020

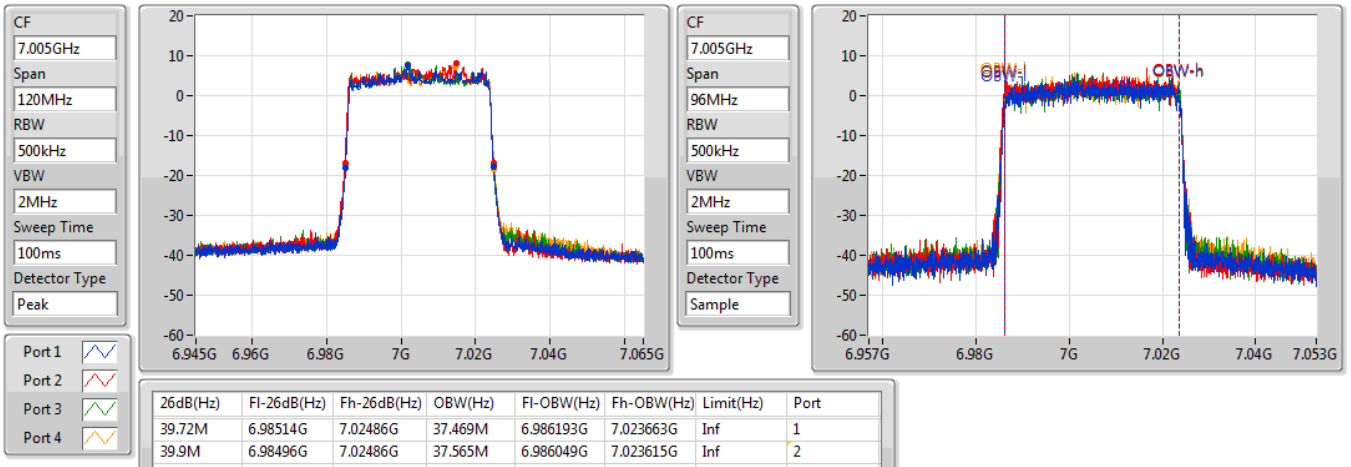


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.84M	6.90508G	6.94492G	37.565M	6.906145G	6.943711G	Inf	1
40.02M	6.90496G	6.94498G	37.613M	6.906097G	6.943711G	Inf	2
39.84M	6.90502G	6.94486G	37.469M	6.906241G	6.943711G	Inf	3
40.08M	6.90496G	6.94504G	37.613M	6.906097G	6.943711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

7005MHz

29/09/2020

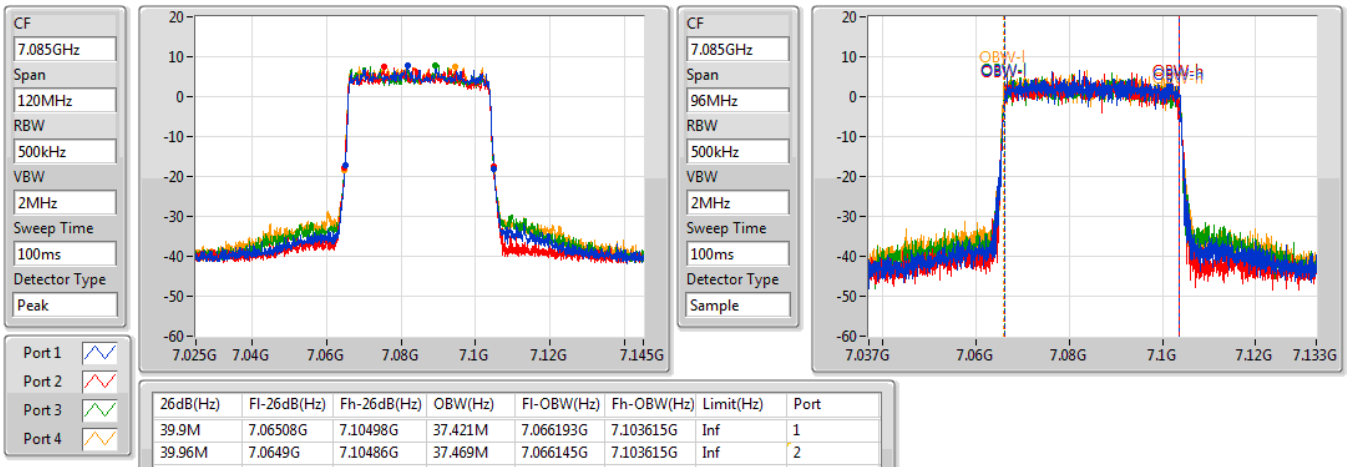


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	6.98514G	7.02486G	37.469M	6.986193G	7.023663G	Inf	1
39.9M	6.98496G	7.02486G	37.565M	6.986049G	7.023615G	Inf	2
39.72M	6.98508G	7.0248G	37.469M	6.986241G	7.023711G	Inf	3
40.08M	6.98496G	7.02504G	37.613M	6.986097G	7.023711G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

7085MHz

29/09/2020

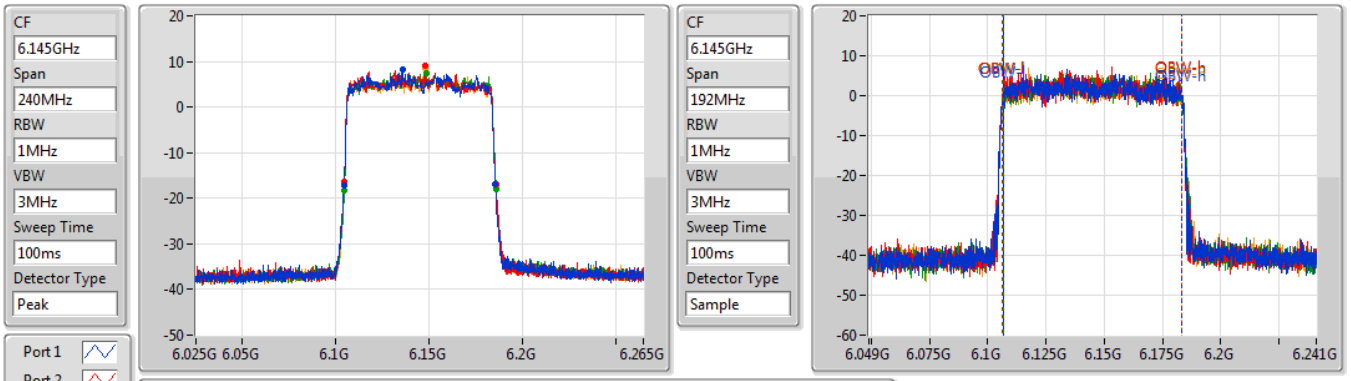


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	7.06508G	7.10498G	37.421M	7.066193G	7.103615G	Inf	1
39.96M	7.0649G	7.10486G	37.469M	7.066145G	7.103615G	Inf	2
39.9M	7.06496G	7.10486G	37.517M	7.066097G	7.103615G	Inf	3
40.2M	7.06484G	7.10504G	37.613M	7.066001G	7.103615G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

6145MHz

29/09/2020

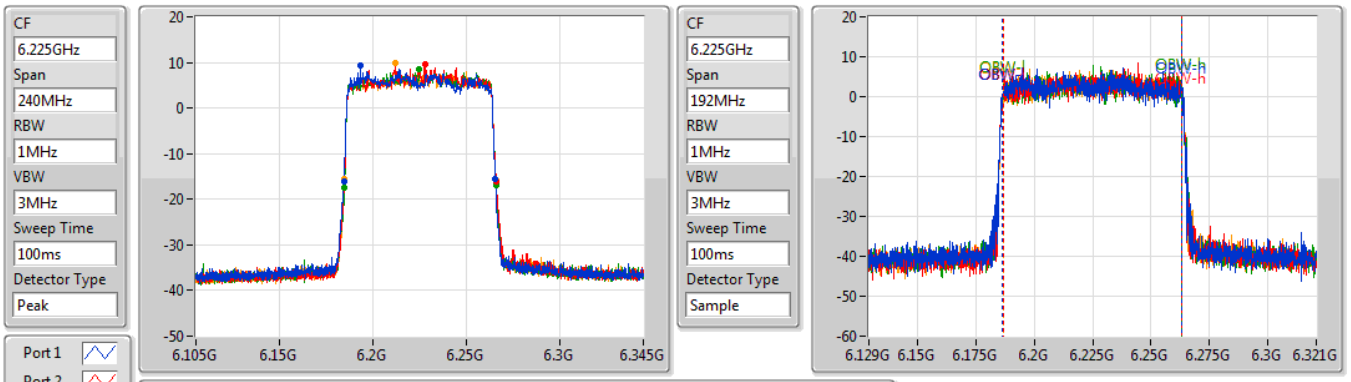


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	6.10444G	6.18556G	76.858M	6.106523G	6.183381G	Inf	1
81.24M	6.10456G	6.1858G	76.858M	6.106427G	6.183285G	Inf	2
81.36M	6.10468G	6.18604G	76.858M	6.106523G	6.183381G	Inf	3
81.24M	6.10456G	6.1858G	76.954M	6.106427G	6.183381G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

6225MHz

29/09/2020

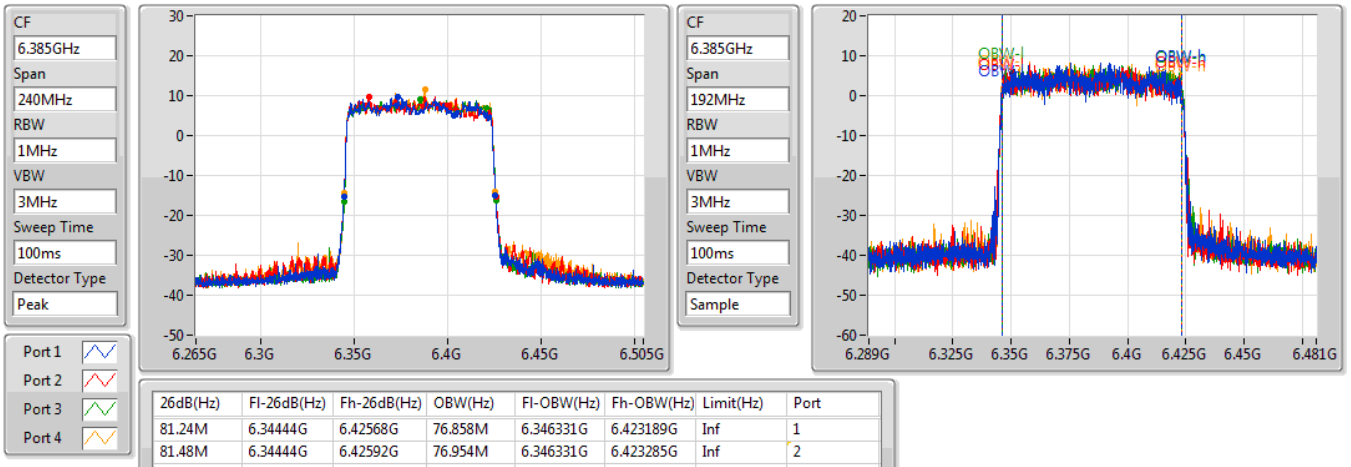


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.18432G	6.26556G	77.049M	6.186427G	6.263477G	Inf	1
81.48M	6.18456G	6.26604G	76.858M	6.186523G	6.263381G	Inf	2
81.36M	6.18456G	6.26592G	76.954M	6.186523G	6.263477G	Inf	3
81.12M	6.18468G	6.2658G	76.762M	6.186523G	6.263285G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

6385MHz

29/09/2020

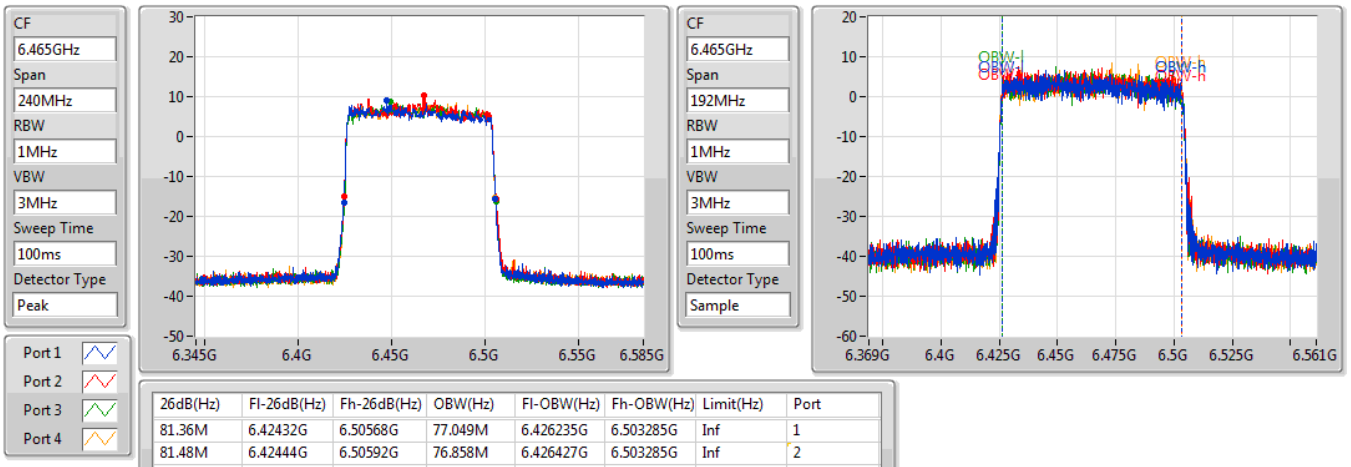


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.34444G	6.42568G	76.858M	6.346331G	6.423189G	Inf	1
81.48M	6.34444G	6.42592G	76.954M	6.346331G	6.423285G	Inf	2
81.72M	6.34444G	6.42616G	76.954M	6.346427G	6.423381G	Inf	3
81.12M	6.34456G	6.42568G	76.858M	6.346427G	6.423285G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

6465MHz

29/09/2020

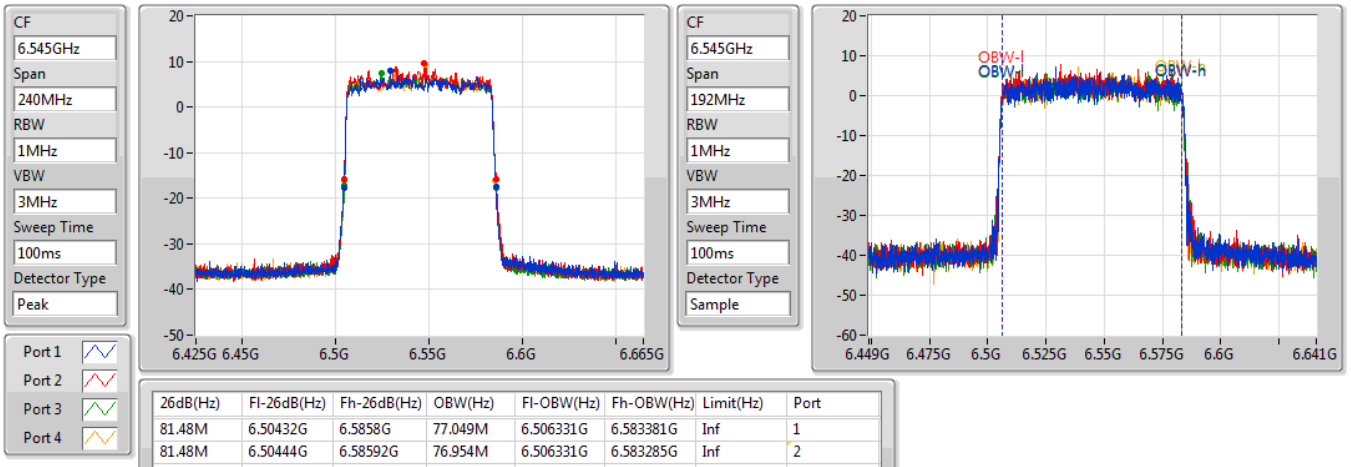


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.42432G	6.50568G	77.049M	6.426235G	6.503285G	Inf	1
81.48M	6.42444G	6.50592G	76.858M	6.426427G	6.503285G	Inf	2
81.12M	6.42468G	6.5058G	76.954M	6.426427G	6.503381G	Inf	3
81M	6.42468G	6.50568G	77.049M	6.426235G	6.503285G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

6545MHz Straddle 6.425-6.525GHz

29/09/2020

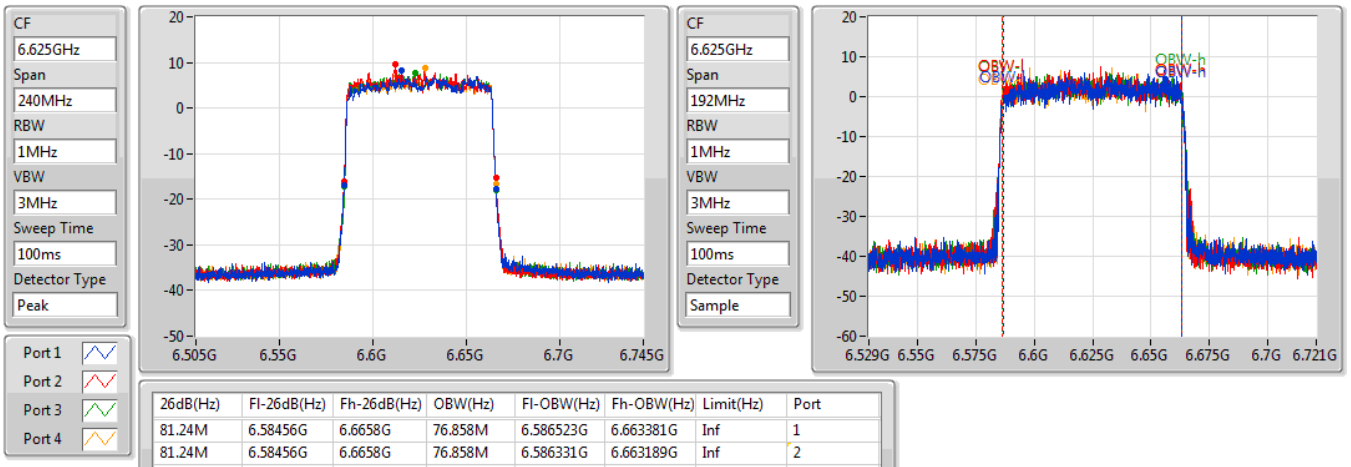


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.50432G	6.5858G	77.049M	6.506331G	6.583381G	Inf	1
81.48M	6.50444G	6.58592G	76.954M	6.506331G	6.583285G	Inf	2
81.24M	6.50468G	6.58592G	77.049M	6.506331G	6.583381G	Inf	3
81.12M	6.50456G	6.58568G	77.049M	6.506331G	6.583381G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

6625MHz

29/09/2020



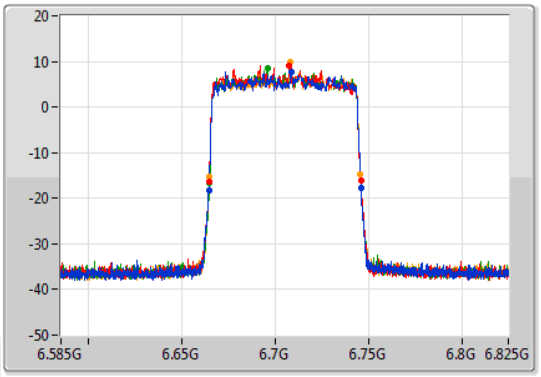
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.58456G	6.6658G	76.858M	6.586523G	6.663381G	Inf	1
81.24M	6.58456G	6.6658G	76.858M	6.586331G	6.663189G	Inf	2
81.48M	6.58456G	6.66604G	77.049M	6.586427G	6.663477G	Inf	3
81.24M	6.58456G	6.6658G	76.954M	6.586331G	6.663285G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

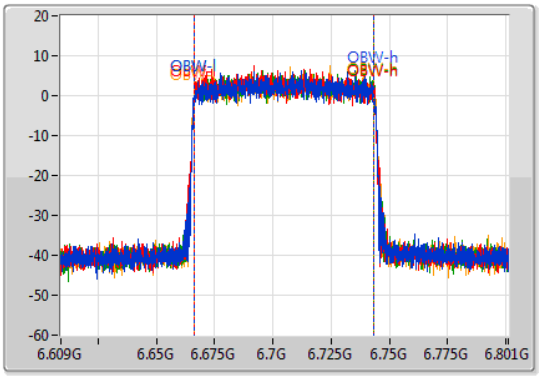
6705MHz

29/09/2020

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



CF 6.705GHz
Span 192MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

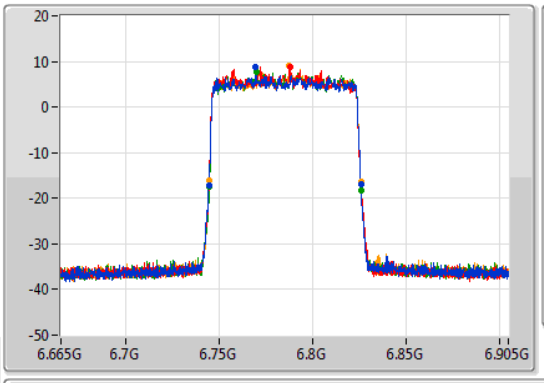
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	6.66432G	6.74592G	76.954M	6.666427G	6.743381G	Inf	1
81.36M	6.66444G	6.7458G	76.954M	6.666427G	6.743381G	Inf	2
81.12M	6.66468G	6.7458G	77.049M	6.666427G	6.743477G	Inf	3
80.88M	6.66468G	6.74556G	77.049M	6.666331G	6.743381G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

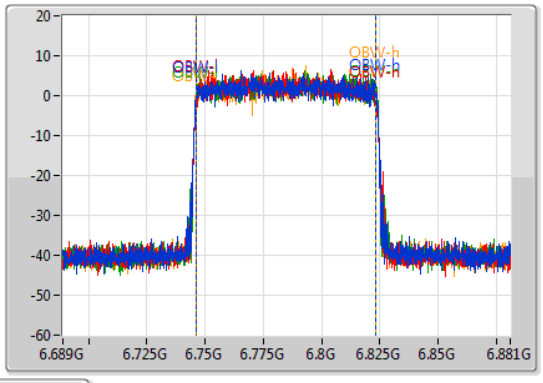
6785MHz

29/09/2020

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



CF 6.785GHz
Span 192MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

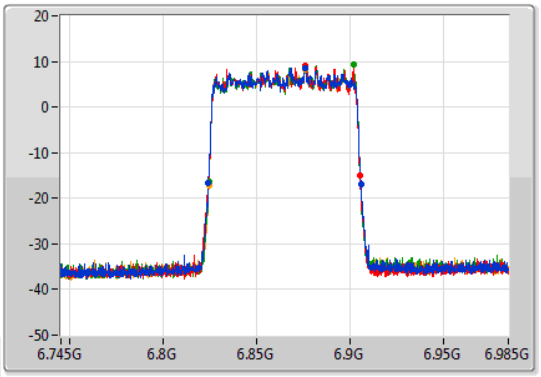
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.74444G	6.82592G	77.049M	6.746427G	6.823477G	Inf	1
81.48M	6.74444G	6.82592G	76.858M	6.746331G	6.823189G	Inf	2
81.36M	6.74468G	6.82604G	77.049M	6.746427G	6.823477G	Inf	3
81.24M	6.74456G	6.8258G	76.954M	6.746427G	6.823381G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

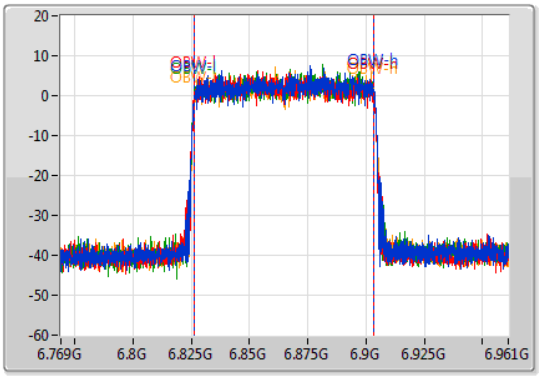
6865MHz Straddle 6.525-6.875GHz

29/09/2020

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



CF	6.865GHz
Span	192MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

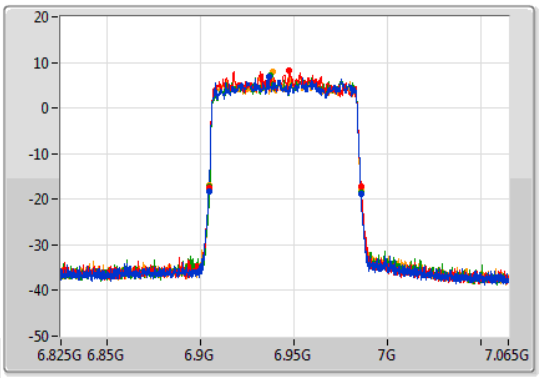
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.82408G	6.90592G	77.145M	6.826331G	6.903477G	Inf	1
81.36M	6.82408G	6.90544G	76.762M	6.826427G	6.903189G	Inf	2
81.12M	6.82432G	6.90544G	77.049M	6.826427G	6.903477G	Inf	3
81.48M	6.82432G	6.9058G	77.049M	6.826427G	6.903477G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

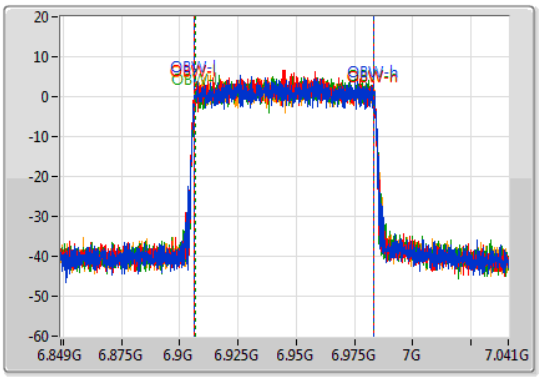
6945MHz

29/09/2020

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



CF	6.945GHz
Span	192MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



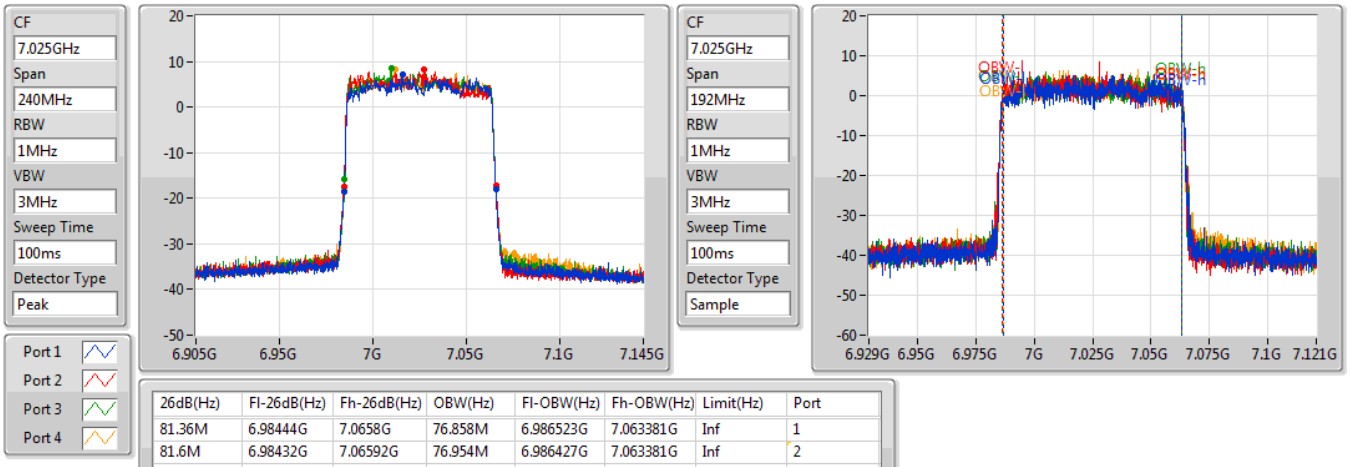
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	6.90432G	6.98592G	77.145M	6.906331G	6.983477G	Inf	1
81.6M	6.90444G	6.98604G	77.049M	6.906331G	6.983381G	Inf	2
81.24M	6.9048G	6.98604G	76.858M	6.906619G	6.983477G	Inf	3
81.24M	6.90456G	6.9858G	77.049M	6.906331G	6.983381G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

7025MHz

29/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.98444G	7.0658G	76.858M	6.986523G	7.063381G	Inf	1
81.6M	6.98432G	7.06592G	76.954M	6.986427G	7.063381G	Inf	2
81M	6.9848G	7.0658G	76.954M	6.986427G	7.063381G	Inf	3
81.36M	6.98444G	7.0658G	76.666M	6.986715G	7.063381G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

6185MHz

29/09/2020

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.10244G	6.26708G	155.058M	6.107087G	6.262145G	Inf	1
163.68M	6.10292G	6.2666G	155.634M	6.106895G	6.262529G	Inf	2
164.64M	6.10244G	6.26708G	155.25M	6.107279G	6.262529G	Inf	3
165.36M	6.10316G	6.26852G	155.826M	6.106895G	6.262721G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

6345MHz

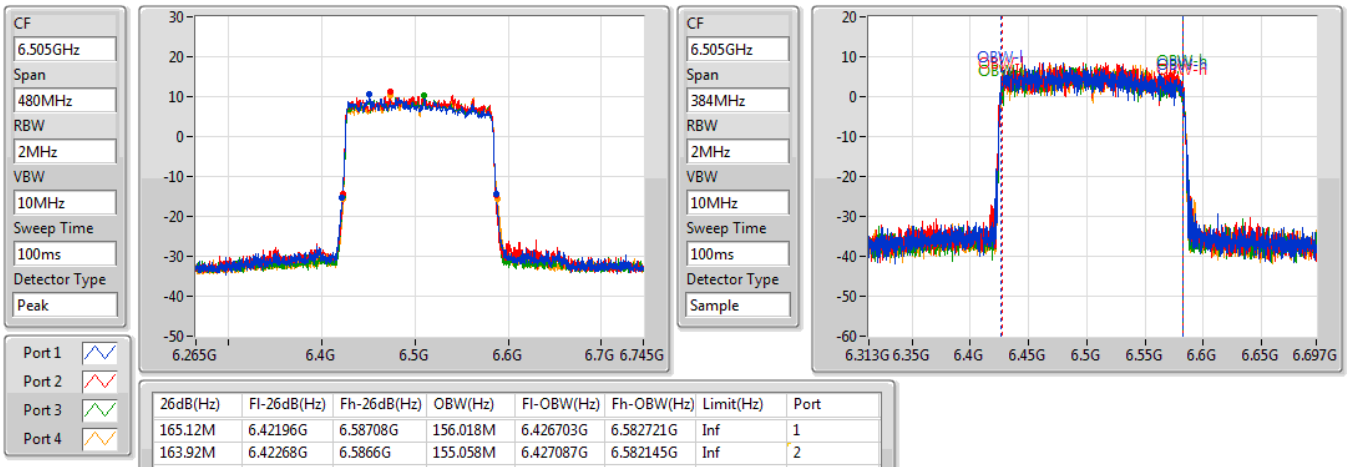
29/09/2020

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.16M	6.26292G	6.42708G	154.483M	6.267471G	6.421954G	Inf	1
163.68M	6.26292G	6.4266G	155.058M	6.267087G	6.422145G	Inf	2
164.16M	6.26268G	6.42684G	154.675M	6.267279G	6.421954G	Inf	3
165.12M	6.26316G	6.42828G	154.867M	6.267663G	6.422529G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

6505MHz Straddle 6.425-6.525GHz

29/09/2020

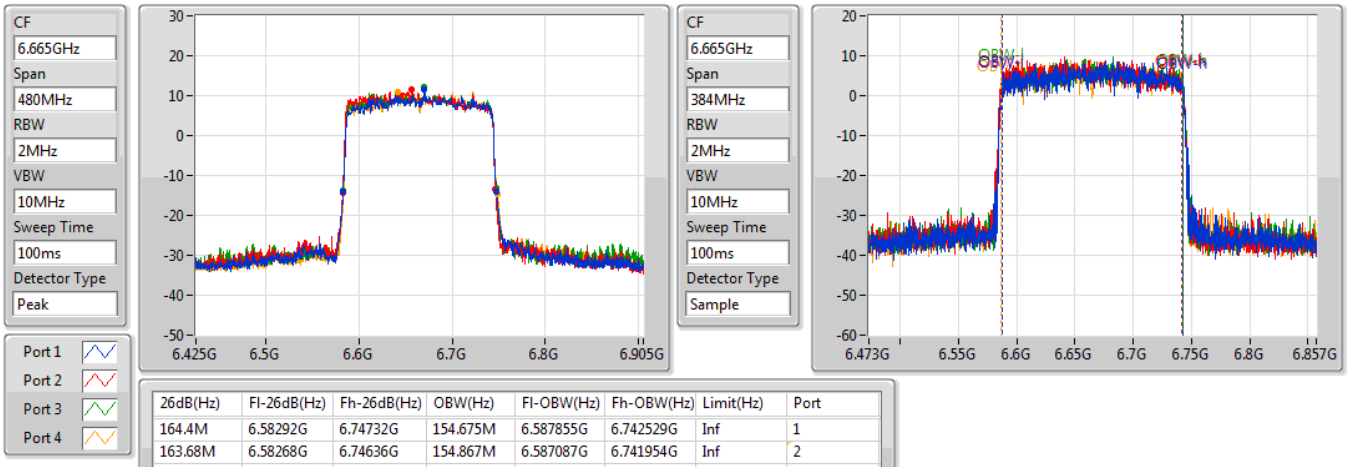


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	6.42196G	6.58708G	156.018M	6.426703G	6.582721G	Inf	1
163.92M	6.42268G	6.5866G	155.058M	6.427087G	6.582145G	Inf	2
164.16M	6.42268G	6.58684G	155.058M	6.427279G	6.582337G	Inf	3
165.6M	6.42292G	6.58852G	155.25M	6.427087G	6.582337G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

6665MHz

29/09/2020

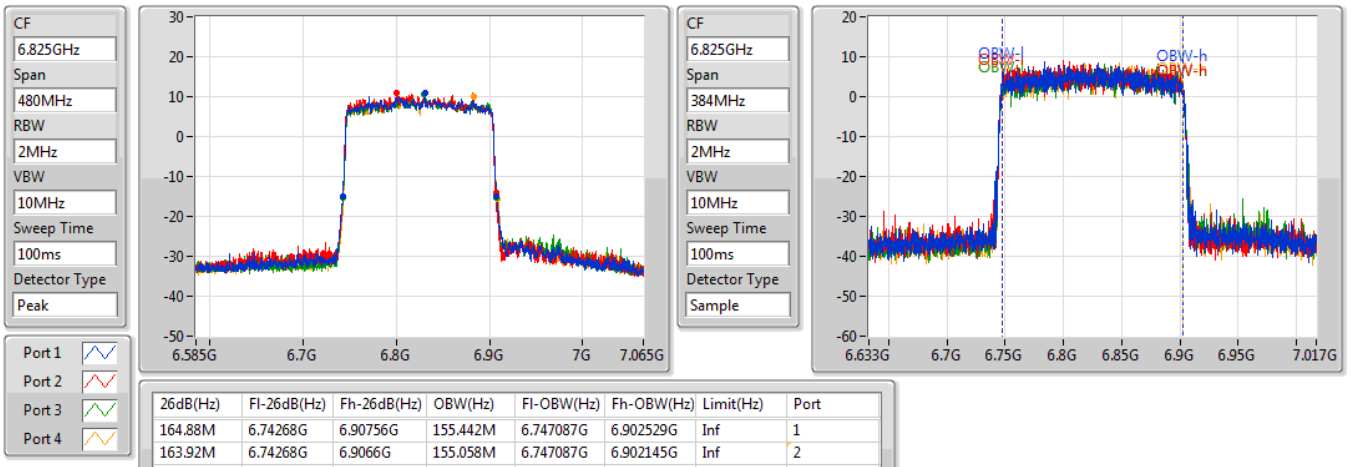


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.58292G	6.74732G	154.675M	6.587855G	6.742529G	Inf	1
163.68M	6.58268G	6.74636G	154.867M	6.587087G	6.741954G	Inf	2
163.68M	6.58292G	6.7466G	154.867M	6.587279G	6.742145G	Inf	3
165.36M	6.58316G	6.74852G	155.442M	6.586895G	6.742337G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX EBW

6825MHz Straddle 6.525-6.875GHz

29/09/2020

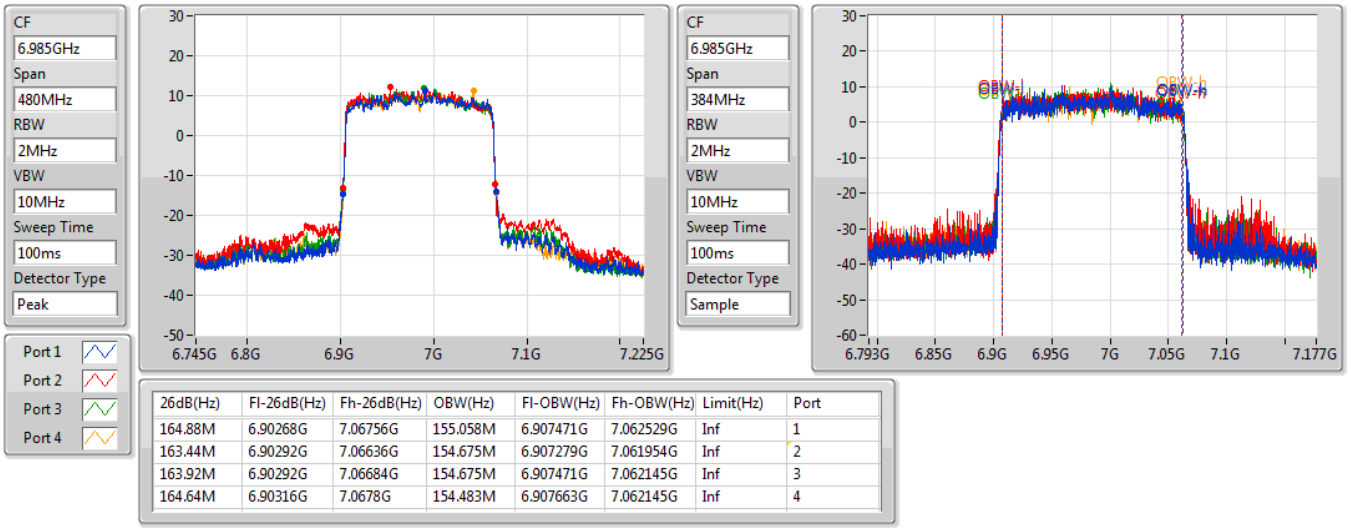


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	6.74268G	6.90756G	155.442M	6.747087G	6.902529G	Inf	1
163.92M	6.74268G	6.9066G	155.058M	6.747087G	6.902145G	Inf	2
164.64M	6.74268G	6.90732G	155.25M	6.747279G	6.902529G	Inf	3
165.36M	6.74316G	6.90852G	155.058M	6.747279G	6.902337G	Inf	4

802.11ax HEW160-BF_Nss2,(MCS0)_4TX **EBW**

6985MHz

29/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	6.90268G	7.06756G	155.058M	6.907471G	7.062529G	Inf	1
163.44M	6.90292G	7.06636G	154.675M	6.907279G	7.061954G	Inf	2
163.92M	6.90292G	7.06684G	154.675M	6.907471G	7.062145G	Inf	3
164.64M	6.90316G	7.0678G	154.483M	6.907663G	7.062145G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.84M	18.999M	19M0D1D	21.24M	18.903M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.26M	37.709M	37M7D1D	39.9M	37.469M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.96M	77.241M	77M2D1D	80.88M	76.858M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.36M	155.442M	155MD1D	164.16M	154.867M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.05M	19.022M	19M0D1D	21.3M	18.927M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.2M	37.613M	37M6D1D	39.96M	37.517M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.84M	77.145M	77M1D1D	81.24M	76.762M
802.11ax HEW160_Nss4,(MCS0)_4TX	164.88M	155.442M	155MD1D	163.44M	155.058M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.96M	18.999M	19M0D1D	21.24M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.2M	37.613M	37M6D1D	39.9M	37.469M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.08M	77.241M	77M2D1D	81M	76.858M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.6M	155.634M	156MD1D	163.2M	154.675M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.99M	19.022M	19M0D1D	21.27M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.26M	37.661M	37M7D1D	39.9M	37.469M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.72M	77.145M	77M1D1D	81.12M	76.762M
802.11ax HEW160_Nss4,(MCS0)_4TX	164.64M	154.867M	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

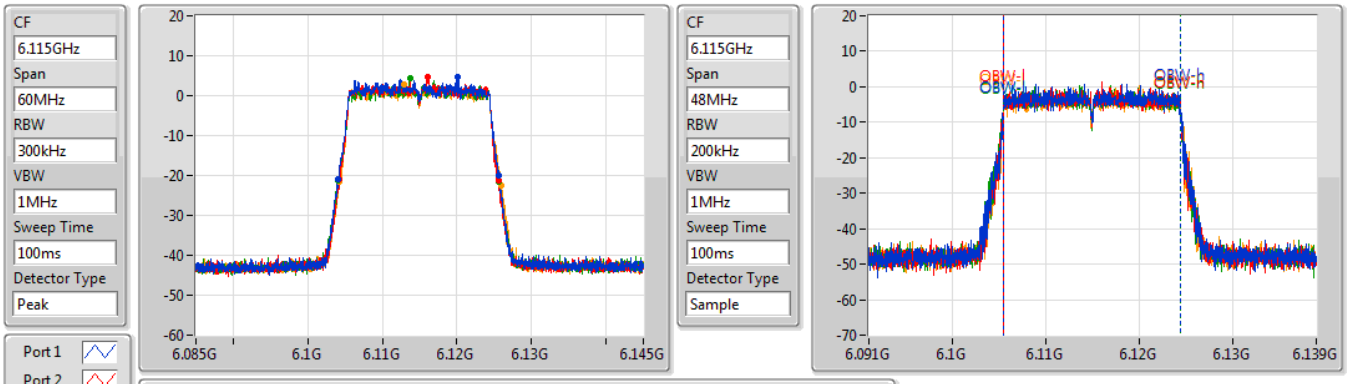
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.6M	18.951M	21.24M	18.951M	21.57M	18.999M	21.84M	18.975M
6255MHz	Pass	Inf	21.6M	18.951M	21.33M	18.975M	21.63M	18.903M	21.75M	18.999M
6415MHz	Pass	Inf	21.6M	18.999M	21.24M	18.975M	21.78M	18.951M	21.84M	18.975M
6435MHz	Pass	Inf	21.75M	18.975M	21.39M	18.927M	21.75M	18.975M	22.05M	18.999M
6475MHz	Pass	Inf	21.72M	19.022M	21.3M	18.951M	21.72M	18.975M	22.02M	18.975M
6515MHz	Pass	Inf	21.69M	18.975M	21.33M	18.975M	21.75M	18.951M	21.81M	18.975M
6535MHz	Pass	Inf	21.69M	18.951M	21.3M	18.975M	21.66M	18.975M	21.87M	18.975M
6695MHz	Pass	Inf	21.6M	18.975M	21.36M	18.951M	21.54M	18.975M	21.72M	18.951M
6855MHz	Pass	Inf	21.84M	18.999M	21.3M	18.951M	21.63M	18.975M	21.96M	18.999M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.78M	18.975M	21.24M	18.975M	21.6M	18.975M	21.93M	18.975M
6895MHz	Pass	Inf	21.75M	19.022M	21.3M	18.975M	21.66M	18.975M	21.9M	18.999M
7015MHz	Pass	Inf	21.66M	18.951M	21.36M	19.022M	21.75M	18.975M	21.99M	18.951M
7095MHz	Pass	Inf	21.72M	19.022M	21.27M	18.951M	21.66M	18.975M	21.93M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	39.9M	37.469M	40.02M	37.661M	40.26M	37.709M	40.2M	37.613M
6245MHz	Pass	Inf	40.08M	37.517M	40.02M	37.613M	40.26M	37.661M	40.08M	37.517M
6405MHz	Pass	Inf	40.02M	37.565M	40.08M	37.565M	40.26M	37.613M	40.14M	37.517M
6445MHz	Pass	Inf	39.96M	37.565M	40.08M	37.517M	40.2M	37.613M	40.08M	37.517M
6485MHz	Pass	Inf	40.08M	37.517M	40.02M	37.565M	40.08M	37.613M	40.02M	37.565M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	39.96M	37.565M	40.14M	37.565M	40.2M	37.613M	40.08M	37.565M
6565MHz	Pass	Inf	40.08M	37.517M	39.9M	37.565M	40.02M	37.565M	40.14M	37.517M
6685MHz	Pass	Inf	39.96M	37.517M	40.08M	37.613M	40.08M	37.613M	40.14M	37.565M
6845MHz	Pass	Inf	40.08M	37.469M	40.14M	37.565M	40.2M	37.613M	40.2M	37.565M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.02M	37.613M	39.9M	37.565M	40.14M	37.613M	40.14M	37.565M
6925MHz	Pass	Inf	39.96M	37.469M	40.08M	37.661M	40.2M	37.661M	40.26M	37.517M
7005MHz	Pass	Inf	40.02M	37.517M	40.08M	37.517M	40.02M	37.517M	40.14M	37.613M
7085MHz	Pass	Inf	40.02M	37.517M	39.9M	37.613M	40.14M	37.613M	40.2M	37.565M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.24M	76.858M	81.96M	77.049M	81.24M	77.049M	81.24M	76.954M
6225MHz	Pass	Inf	81.24M	77.049M	81.84M	77.145M	81.12M	76.954M	80.88M	77.241M
6385MHz	Pass	Inf	81.36M	76.954M	81.6M	76.954M	81.36M	77.049M	81.24M	76.954M
6465MHz	Pass	Inf	81.36M	76.954M	81.84M	77.145M	81.24M	77.145M	81.24M	77.049M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.48M	77.145M	81.6M	77.049M	81.24M	76.954M	81.24M	76.762M
6625MHz	Pass	Inf	81.48M	77.049M	81.48M	76.858M	81.12M	77.049M	81M	76.858M
6705MHz	Pass	Inf	81.36M	76.954M	81.84M	76.954M	81.24M	76.858M	81.12M	77.241M
6785MHz	Pass	Inf	81.48M	77.049M	81.6M	77.049M	81.36M	77.049M	81.24M	76.858M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.36M	77.049M	82.08M	77.049M	81.36M	77.145M	81.36M	77.049M
6945MHz	Pass	Inf	81.48M	77.049M	81.72M	77.049M	81.24M	77.145M	81.36M	77.049M
7025MHz	Pass	Inf	81.24M	76.954M	81.12M	76.762M	81.36M	77.049M	81.12M	76.858M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	164.88M	154.867M	165.12M	155.442M	165.36M	154.867M	164.4M	155.058M
6345MHz	Pass	Inf	164.4M	154.867M	164.16M	155.058M	165.36M	155.25M	164.16M	155.442M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	163.44M	155.058M	164.4M	155.442M	164.88M	155.442M	164.88M	155.058M
6665MHz	Pass	Inf	164.64M	154.675M	164.4M	155.25M	165.36M	154.867M	163.92M	155.442M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	163.2M	155.058M	163.92M	155.634M	165.6M	155.058M	165.12M	154.867M
6985MHz	Pass	Inf	164.4M	154.675M	164.16M	154.867M	164.64M	154.483M	163.92M	154.867M

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

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6115MHz

29/09/2020

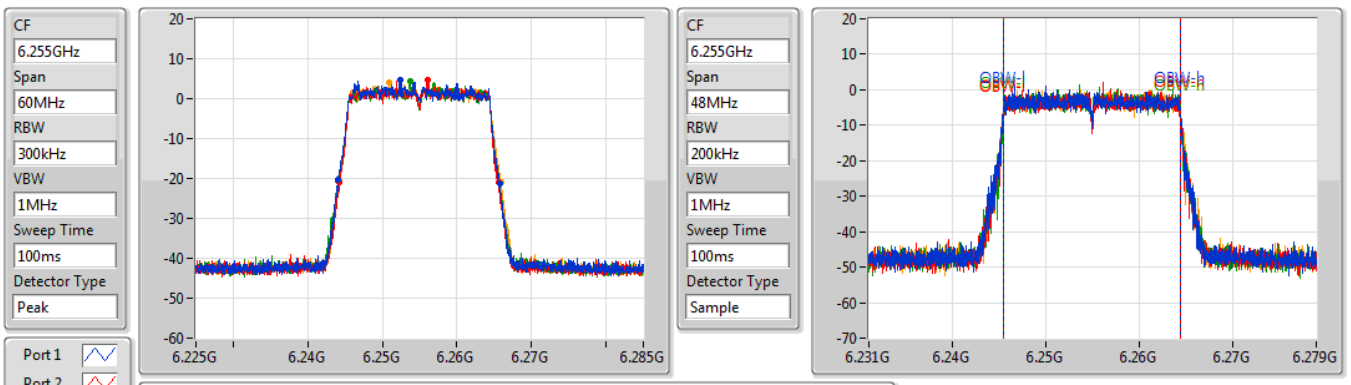


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.10405G	6.12565G	18.951M	6.105453G	6.124403G	Inf	1
21.24M	6.10429G	6.12553G	18.951M	6.105453G	6.124403G	Inf	2
21.57M	6.10402G	6.12559G	18.999M	6.105405G	6.124403G	Inf	3
21.84M	6.10414G	6.12598G	18.975M	6.105453G	6.124427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6255MHz

29/09/2020

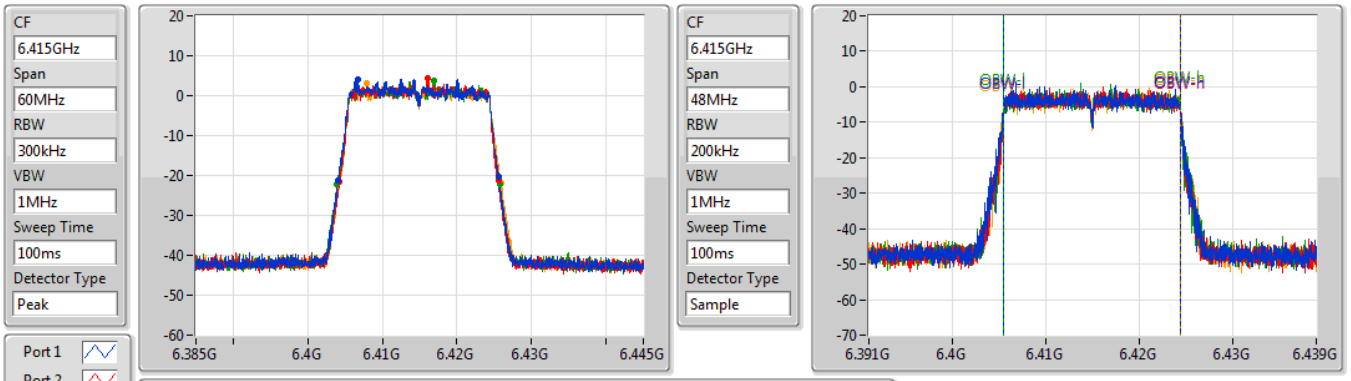


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.24411G	6.26571G	18.951M	6.245453G	6.264403G	Inf	1
21.33M	6.24426G	6.26559G	18.975M	6.245429G	6.264403G	Inf	2
21.63M	6.24399G	6.26562G	18.903M	6.245477G	6.264379G	Inf	3
21.75M	6.24417G	6.26592G	18.999M	6.245429G	6.264427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6415MHz

29/09/2020

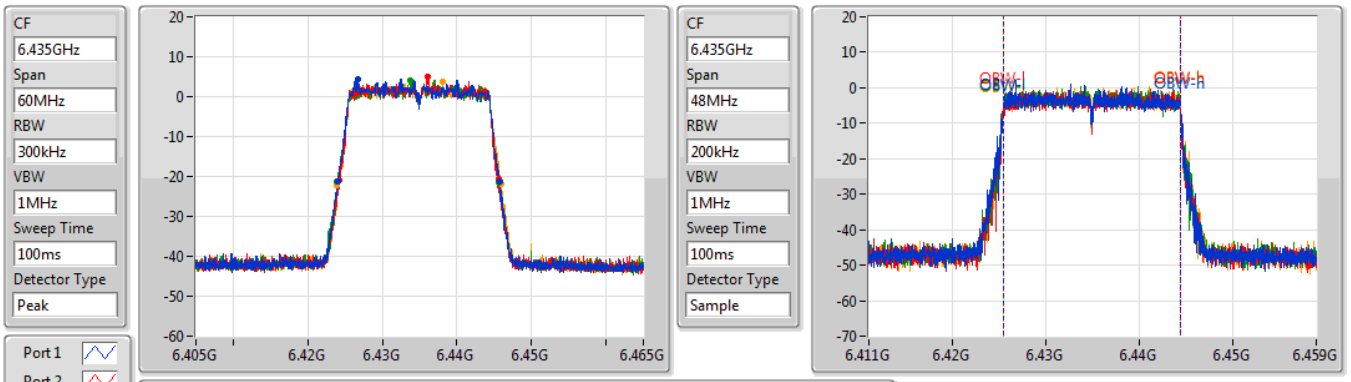


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.40402G	6.42562G	18.999M	6.405429G	6.424427G	Inf	1
21.24M	6.40429G	6.42553G	18.975M	6.405429G	6.424403G	Inf	2
21.78M	6.40393G	6.42571G	18.951M	6.405453G	6.424403G	Inf	3
21.84M	6.40411G	6.42595G	18.975M	6.405453G	6.424427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6435MHz

29/09/2020

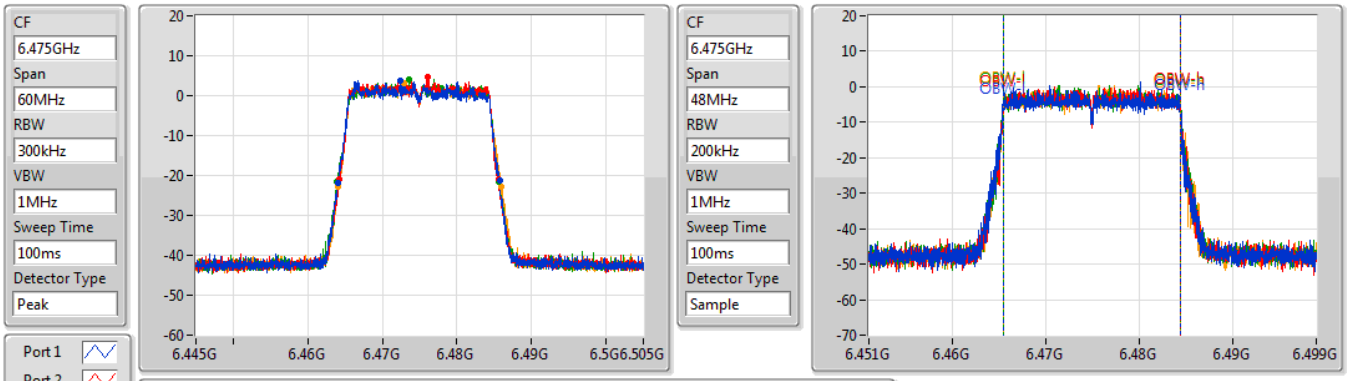


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	6.42399G	6.44574G	18.975M	6.425429G	6.444403G	Inf	1
21.39M	6.42426G	6.44565G	18.927M	6.425453G	6.444379G	Inf	2
21.75M	6.42393G	6.44568G	18.975M	6.425429G	6.444403G	Inf	3
22.05M	6.42396G	6.44601G	18.999M	6.425429G	6.444427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6475MHz

29/09/2020

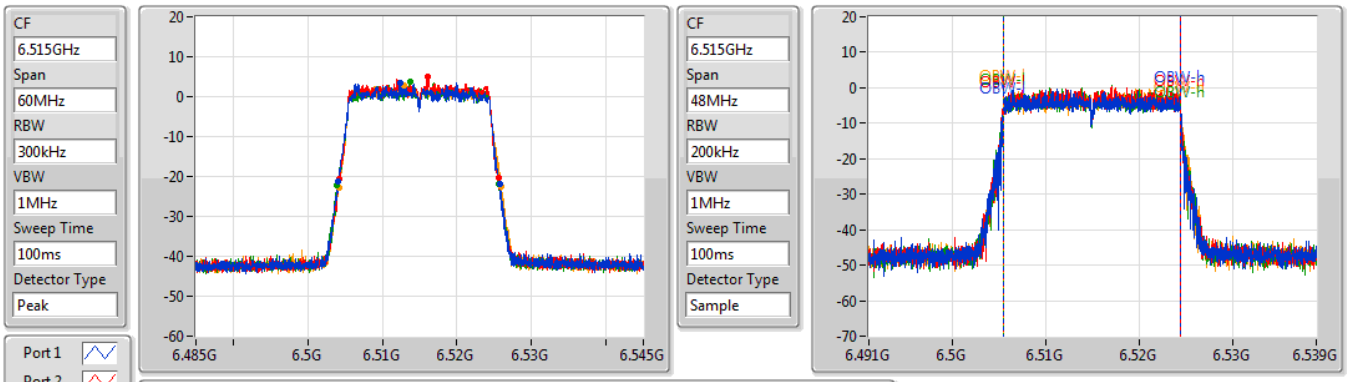


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.46399G	6.48571G	19.022M	6.465405G	6.484427G	Inf	1
21.3M	6.46423G	6.48553G	18.951M	6.465429G	6.484379G	Inf	2
21.72M	6.46393G	6.48565G	18.975M	6.465429G	6.484403G	Inf	3
22.02M	6.46399G	6.48601G	18.975M	6.465453G	6.484427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6515MHz

29/09/2020

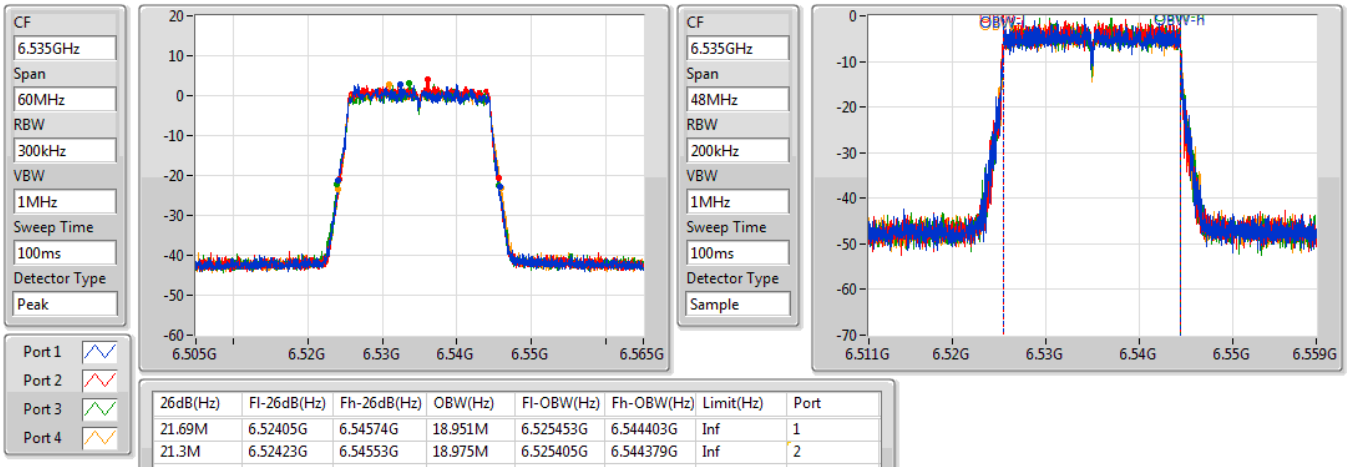


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.50405G	6.52574G	18.975M	6.505429G	6.524403G	Inf	1
21.33M	6.50423G	6.52556G	18.975M	6.505405G	6.524379G	Inf	2
21.75M	6.50393G	6.52568G	18.951M	6.505453G	6.524403G	Inf	3
21.81M	6.50417G	6.52598G	18.975M	6.505453G	6.524427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6535MHz

29/09/2020

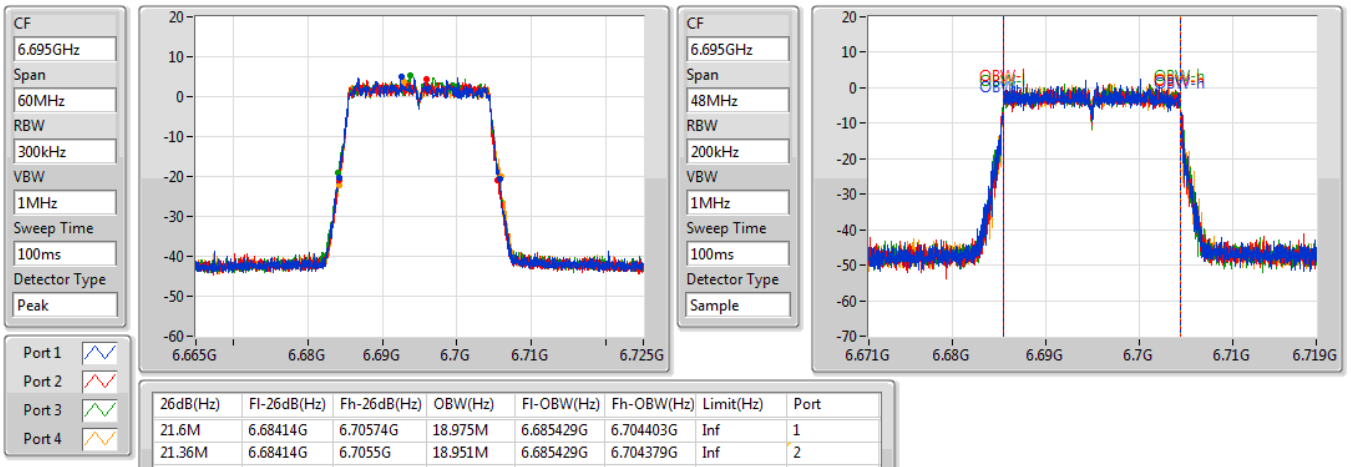


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.52405G	6.54574G	18.951M	6.525453G	6.544403G	Inf	1
21.3M	6.52423G	6.54553G	18.975M	6.525405G	6.544379G	Inf	2
21.66M	6.52396G	6.54562G	18.975M	6.525429G	6.544403G	Inf	3
21.87M	6.52408G	6.54595G	18.975M	6.525429G	6.544403G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6695MHz

29/09/2020

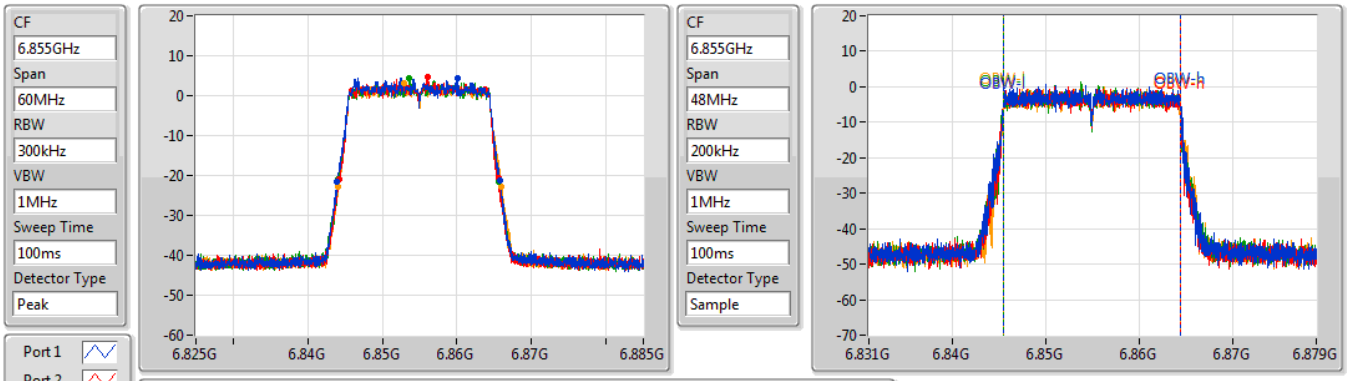


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.68414G	6.70574G	18.975M	6.685429G	6.704403G	Inf	1
21.36M	6.68414G	6.7055G	18.951M	6.685429G	6.704379G	Inf	2
21.54M	6.68411G	6.70565G	18.975M	6.685429G	6.704403G	Inf	3
21.72M	6.68417G	6.70589G	18.951M	6.685453G	6.704403G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6855MHz

29/09/2020

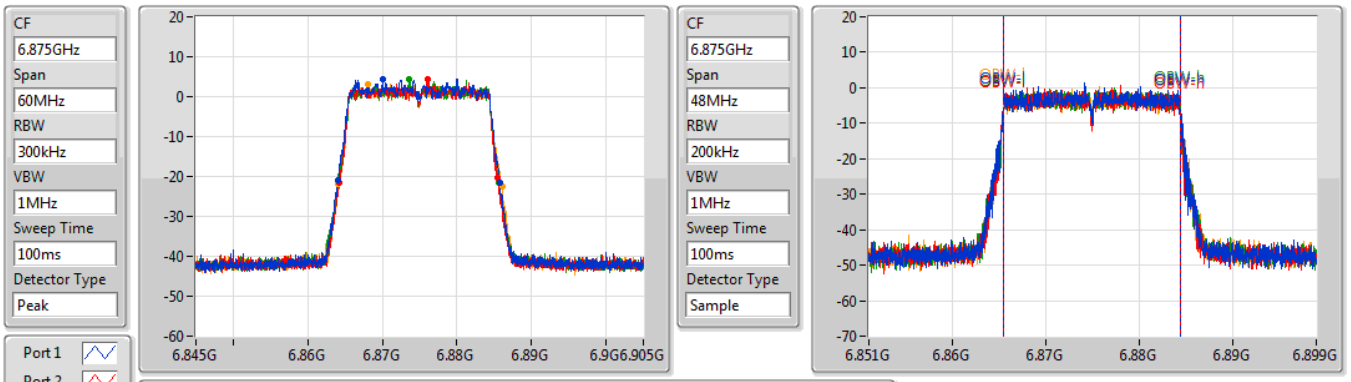


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	6.84393G	6.86577G	18.999M	6.845429G	6.864427G	Inf	1
21.3M	6.84423G	6.86553G	18.951M	6.845429G	6.864379G	Inf	2
21.63M	6.84399G	6.86562G	18.975M	6.845429G	6.864403G	Inf	3
21.96M	6.84405G	6.86601G	18.999M	6.845405G	6.864403G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6875MHz Straddle 6.525-6.875GHz

29/09/2020

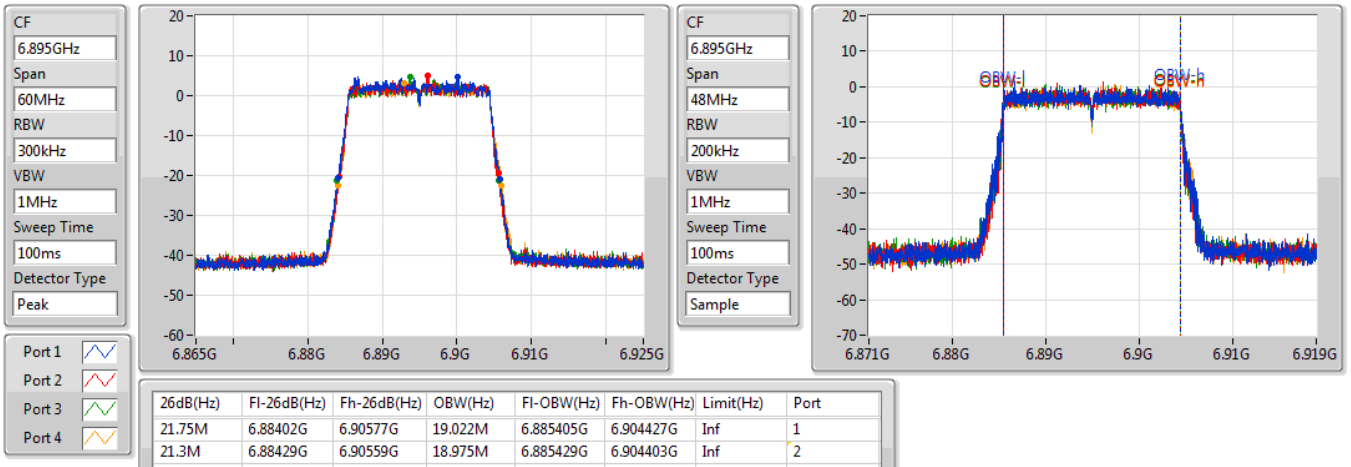


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	6.86399G	6.88577G	18.975M	6.865429G	6.884403G	Inf	1
21.24M	6.86426G	6.8855G	18.975M	6.865405G	6.884379G	Inf	2
21.6M	6.86402G	6.88562G	18.975M	6.865429G	6.884403G	Inf	3
21.93M	6.86411G	6.88604G	18.975M	6.865429G	6.884403G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

6895MHz

29/09/2020

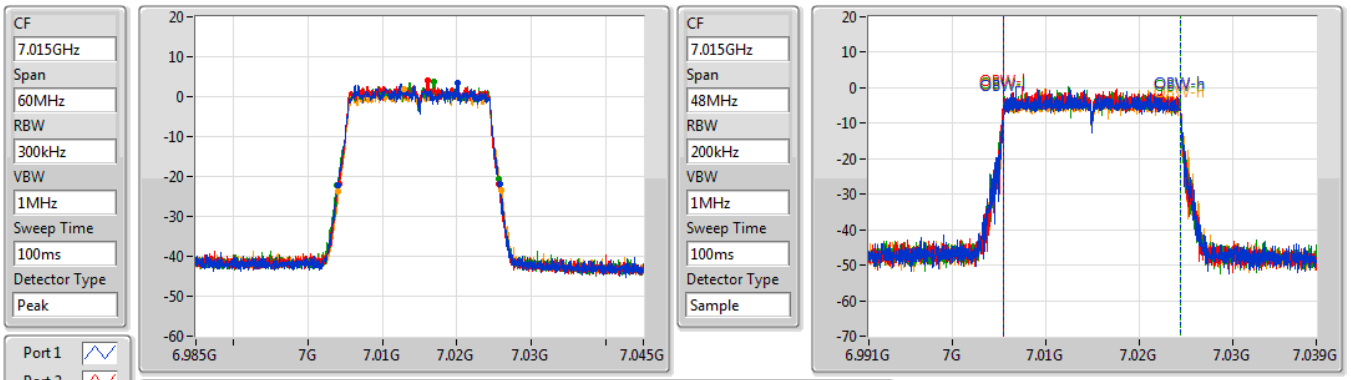


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	6.88402G	6.90577G	19.022M	6.885405G	6.904427G	Inf	1
21.3M	6.88429G	6.90559G	18.975M	6.885429G	6.904403G	Inf	2
21.66M	6.88396G	6.90562G	18.975M	6.885429G	6.904403G	Inf	3
21.9M	6.88411G	6.90601G	18.999M	6.885429G	6.904427G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

7015MHz

29/09/2020

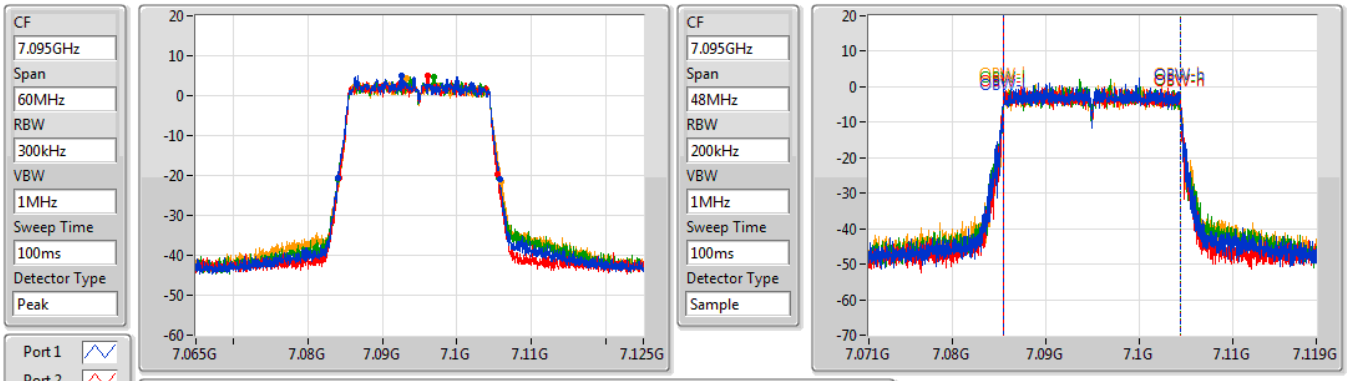


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	7.00405G	7.02571G	18.951M	7.005453G	7.024403G	Inf	1
21.36M	7.00417G	7.02553G	19.022M	7.005405G	7.024427G	Inf	2
21.75M	7.0039G	7.02565G	18.975M	7.005429G	7.024403G	Inf	3
21.99M	7.00402G	7.02601G	18.951M	7.005453G	7.024403G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

7095MHz

29/09/2020

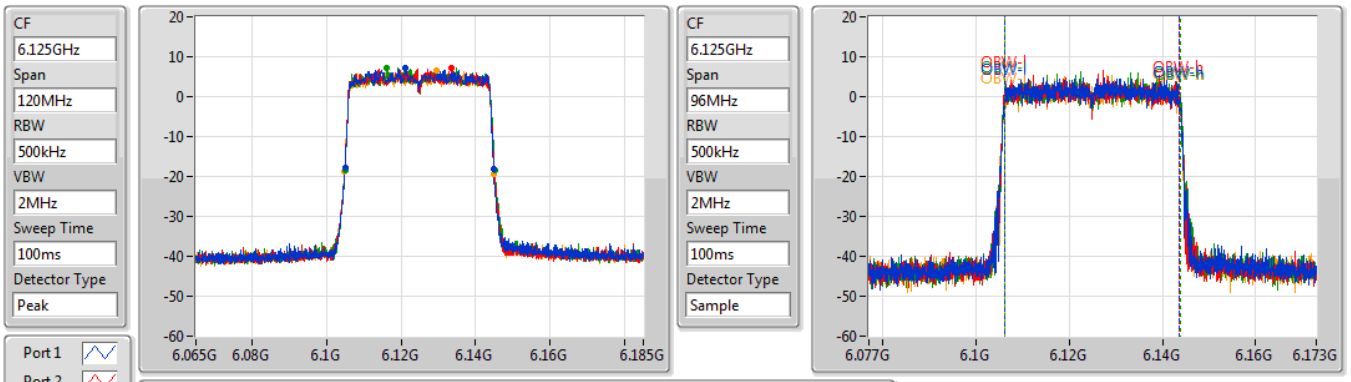


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	7.08405G	7.10577G	19.022M	7.085405G	7.104427G	Inf	1
21.27M	7.08423G	7.1055G	18.951M	7.085453G	7.104403G	Inf	2
21.66M	7.08399G	7.10565G	18.975M	7.085429G	7.104403G	Inf	3
21.93M	7.08405G	7.10598G	18.951M	7.085429G	7.104379G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6125MHz

29/09/2020

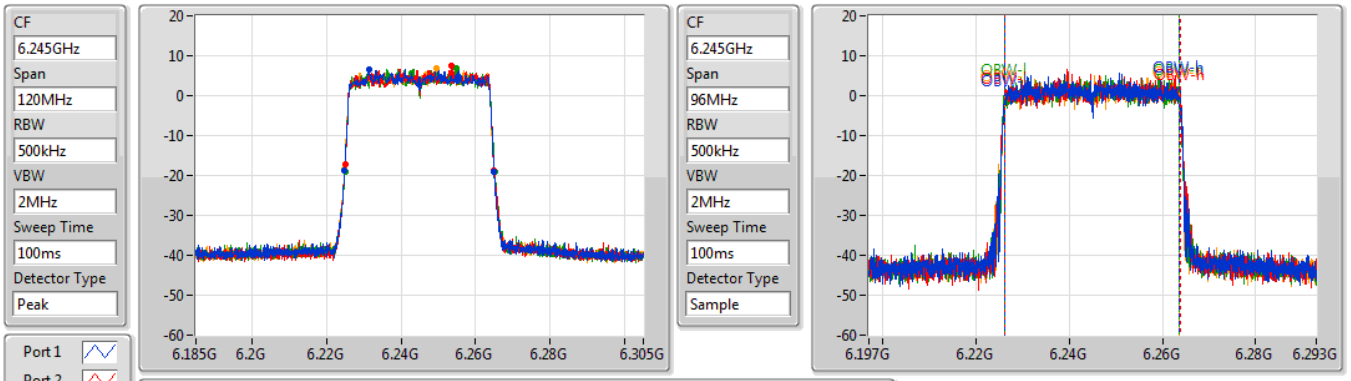


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	6.10496G	6.14486G	37.469M	6.106241G	6.143711G	Inf	1
40.02M	6.10496G	6.14498G	37.661M	6.106049G	6.143711G	Inf	2
40.26M	6.10496G	6.14522G	37.709M	6.106049G	6.143759G	Inf	3
40.2M	6.10484G	6.14504G	37.613M	6.106097G	6.143711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6245MHz

29/09/2020

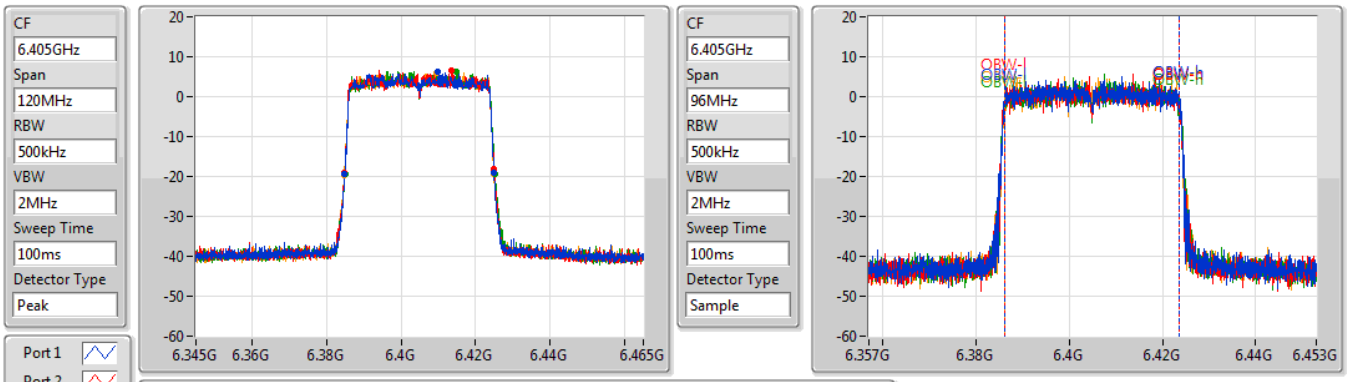


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.2249G	6.26498G	37.517M	6.226193G	6.263711G	Inf	1
40.02M	6.22502G	6.26504G	37.613M	6.226145G	6.263759G	Inf	2
40.26M	6.22496G	6.26522G	37.661M	6.226049G	6.263711G	Inf	3
40.08M	6.22484G	6.26492G	37.517M	6.226145G	6.263663G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6405MHz

29/09/2020

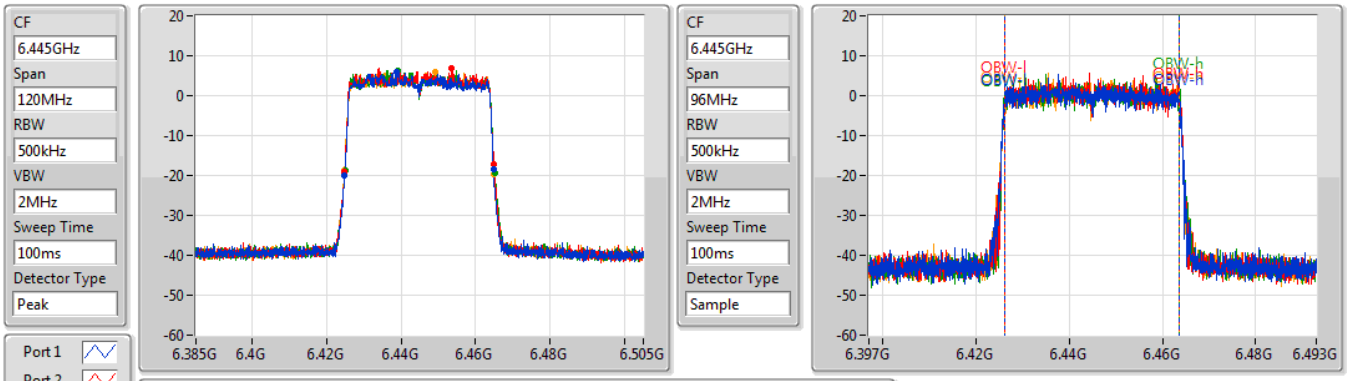


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	6.3849G	6.42492G	37.565M	6.386097G	6.423663G	Inf	1
40.08M	6.3849G	6.42498G	37.565M	6.386145G	6.423711G	Inf	2
40.26M	6.38496G	6.42522G	37.613M	6.386097G	6.423711G	Inf	3
40.14M	6.38478G	6.42492G	37.517M	6.386193G	6.423711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6445MHz

29/09/2020

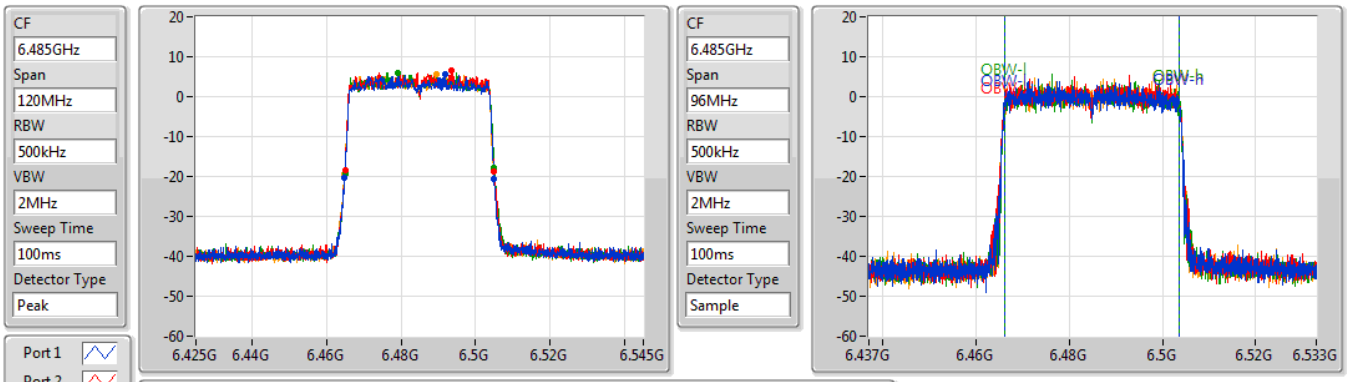


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.4249G	6.46486G	37.565M	6.426097G	6.463663G	Inf	1
40.08M	6.4249G	6.46498G	37.517M	6.426145G	6.463663G	Inf	2
40.2M	6.42496G	6.46516G	37.613M	6.426097G	6.463711G	Inf	3
40.08M	6.42484G	6.46492G	37.517M	6.426145G	6.463663G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6485MHz

29/09/2020

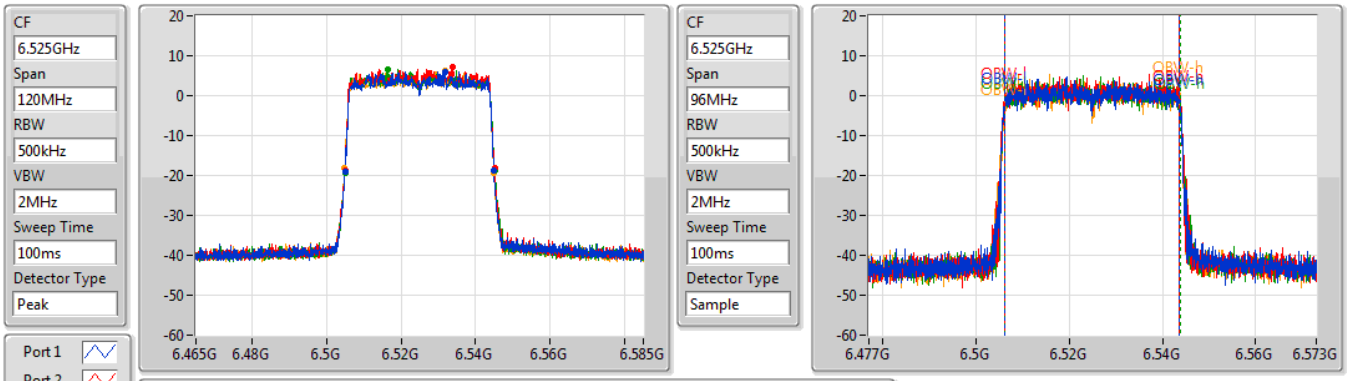


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.4649G	6.50498G	37.517M	6.466145G	6.503663G	Inf	1
40.02M	6.46496G	6.50498G	37.565M	6.466097G	6.503663G	Inf	2
40.08M	6.46496G	6.50504G	37.613M	6.466097G	6.503711G	Inf	3
40.02M	6.46484G	6.50486G	37.565M	6.466145G	6.503711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6525MHz Straddle 6.425-6.525GHz

29/09/2020

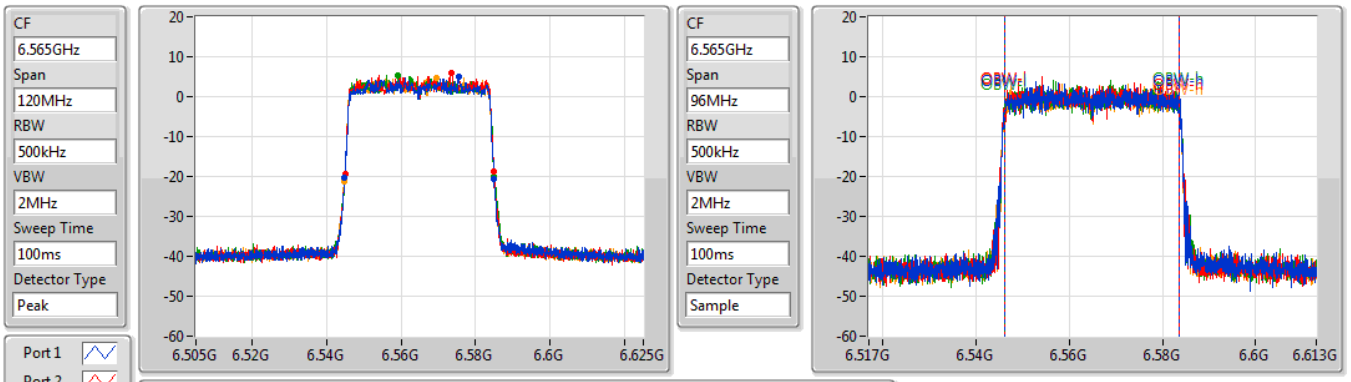


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.50496G	6.54492G	37.565M	6.506145G	6.543711G	Inf	1
40.14M	6.50496G	6.5451G	37.565M	6.506097G	6.543663G	Inf	2
40.2M	6.50496G	6.54516G	37.613M	6.506145G	6.543759G	Inf	3
40.08M	6.5049G	6.54498G	37.565M	6.506145G	6.543711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6565MHz

29/09/2020

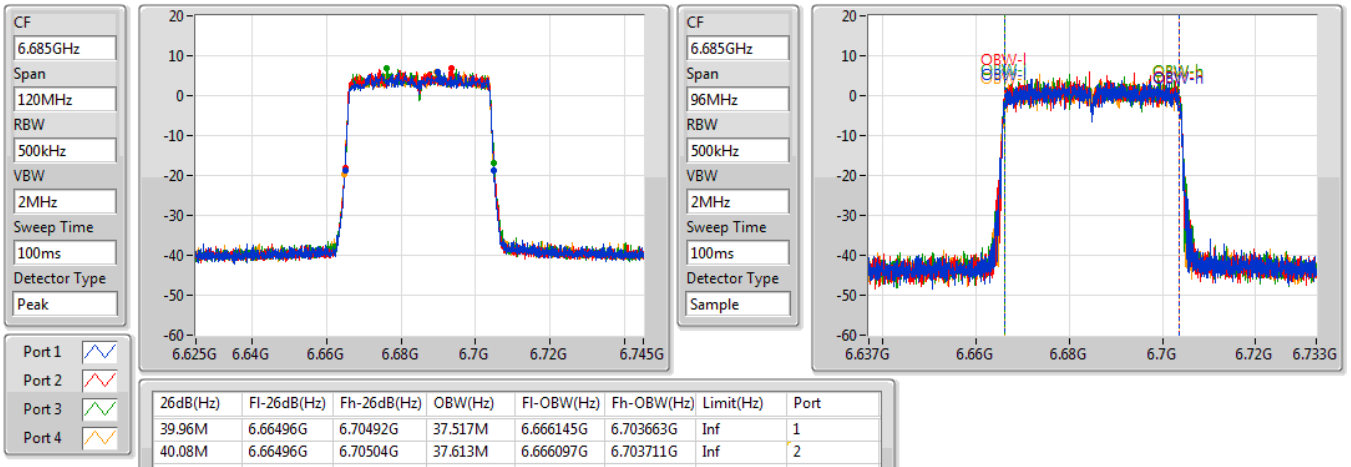


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.5449G	6.58498G	37.517M	6.546193G	6.583711G	Inf	1
39.9M	6.54502G	6.58492G	37.565M	6.546097G	6.583663G	Inf	2
40.02M	6.54502G	6.58504G	37.565M	6.546145G	6.583711G	Inf	3
40.14M	6.54478G	6.58492G	37.517M	6.546145G	6.583663G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6685MHz

29/09/2020

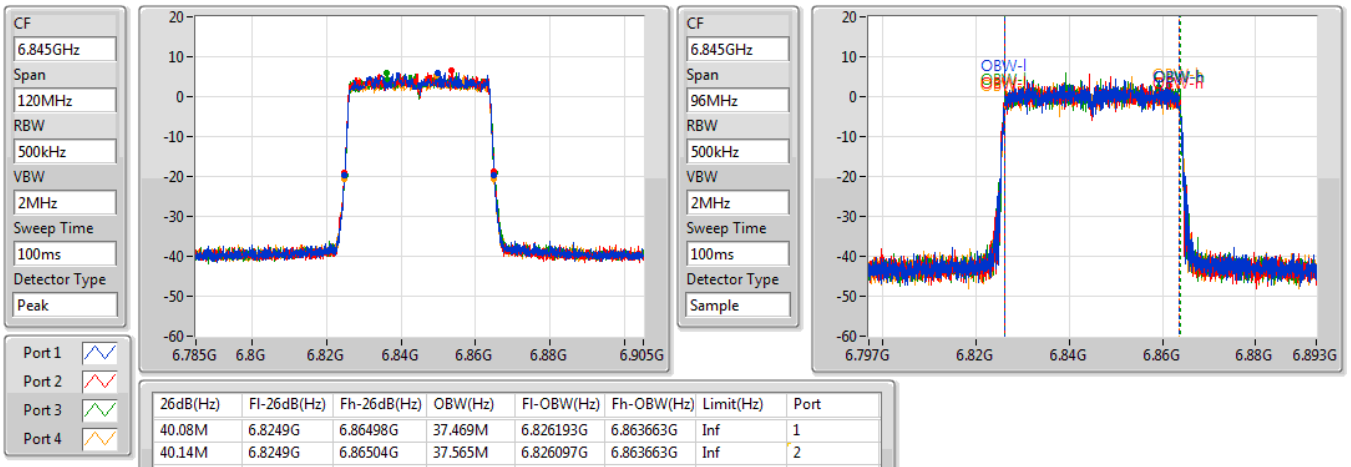


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.66496G	6.70492G	37.517M	6.666145G	6.703663G	Inf	1
40.08M	6.66496G	6.70504G	37.613M	6.666097G	6.703711G	Inf	2
40.08M	6.66496G	6.70504G	37.613M	6.666097G	6.703711G	Inf	3
40.14M	6.66478G	6.70492G	37.565M	6.666145G	6.703711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6845MHz

29/09/2020

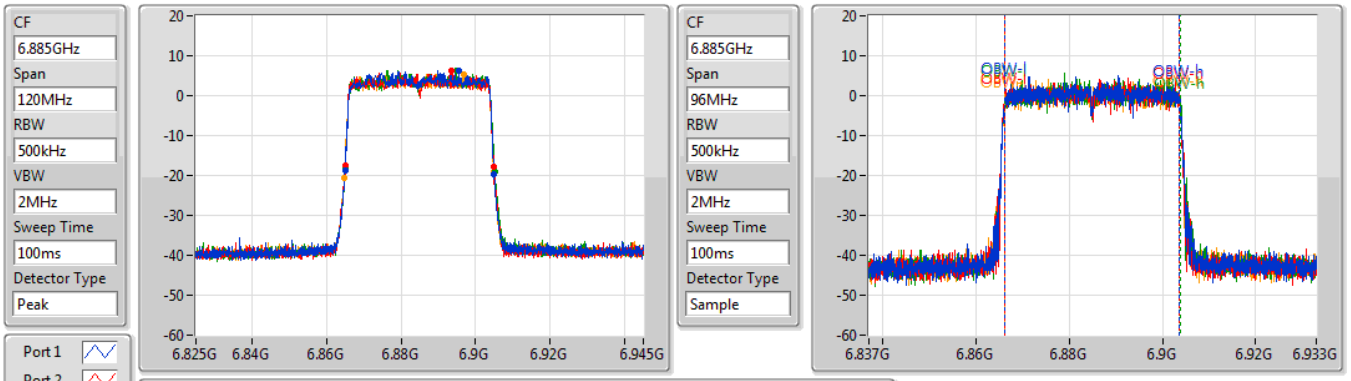


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.8249G	6.86498G	37.469M	6.826193G	6.863663G	Inf	1
40.14M	6.8249G	6.86504G	37.565M	6.826097G	6.863663G	Inf	2
40.2M	6.82496G	6.86516G	37.613M	6.826145G	6.863759G	Inf	3
40.2M	6.82478G	6.86498G	37.565M	6.826097G	6.863663G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6885MHz Straddle 6.525-6.875GHz

29/09/2020

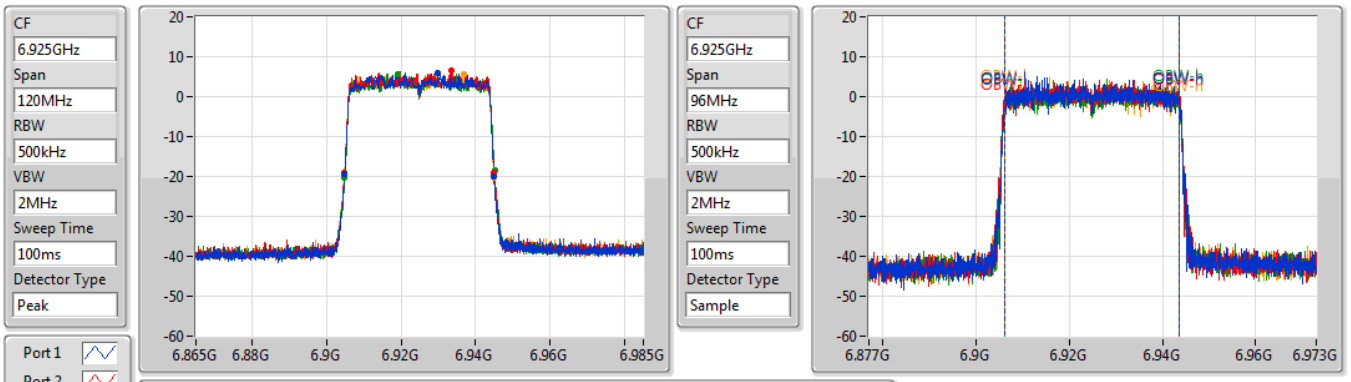


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	6.86496G	6.90498G	37.613M	6.866097G	6.903711G	Inf	1
39.9M	6.86502G	6.90492G	37.565M	6.866097G	6.903663G	Inf	2
40.14M	6.86502G	6.90516G	37.613M	6.866145G	6.903759G	Inf	3
40.14M	6.86484G	6.90498G	37.565M	6.866145G	6.903711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

6925MHz

29/09/2020

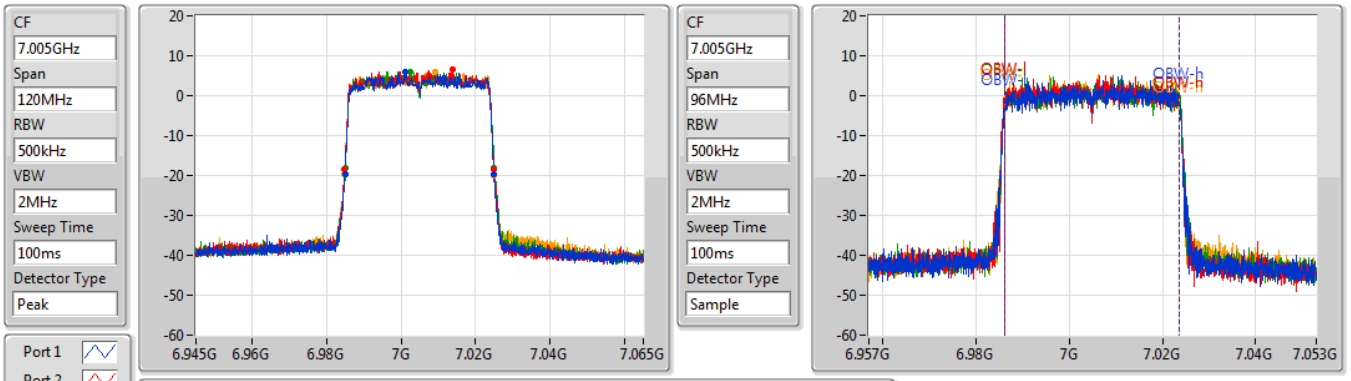


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	6.9049G	6.94486G	37.469M	6.906193G	6.943663G	Inf	1
40.08M	6.9049G	6.94498G	37.661M	6.906049G	6.943711G	Inf	2
40.2M	6.9049G	6.9451G	37.661M	6.906049G	6.943711G	Inf	3
40.26M	6.90478G	6.94504G	37.517M	6.906145G	6.943663G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

7005MHz

29/09/2020

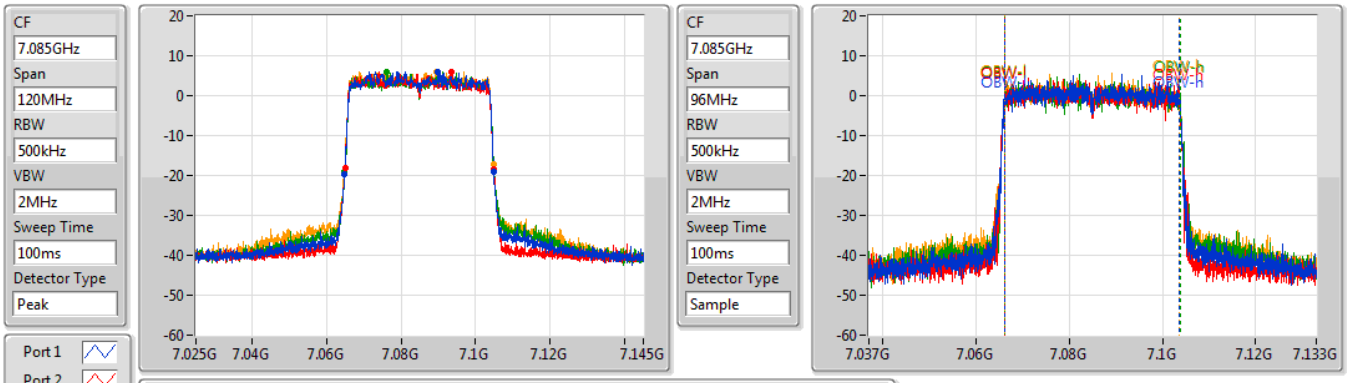


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	6.98496G	7.02498G	37.517M	6.986145G	7.023663G	Inf	1
40.08M	6.9849G	7.02498G	37.517M	6.986097G	7.023615G	Inf	2
40.02M	6.98502G	7.02504G	37.517M	6.986193G	7.023711G	Inf	3
40.14M	6.98484G	7.02498G	37.613M	6.986097G	7.023711G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

7085MHz

29/09/2020

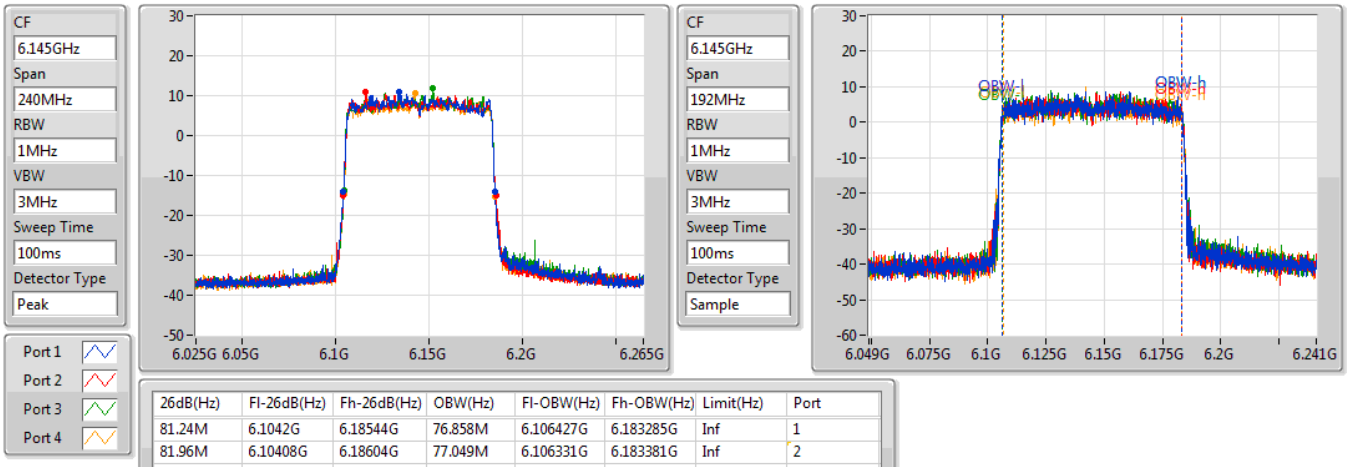


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	7.0649G	7.10492G	37.517M	7.066145G	7.103663G	Inf	1
39.9M	7.06496G	7.10486G	37.613M	7.066049G	7.103663G	Inf	2
40.14M	7.0649G	7.10504G	37.613M	7.066145G	7.103759G	Inf	3
40.2M	7.06466G	7.10486G	37.565M	7.066097G	7.103663G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6145MHz

29/09/2020

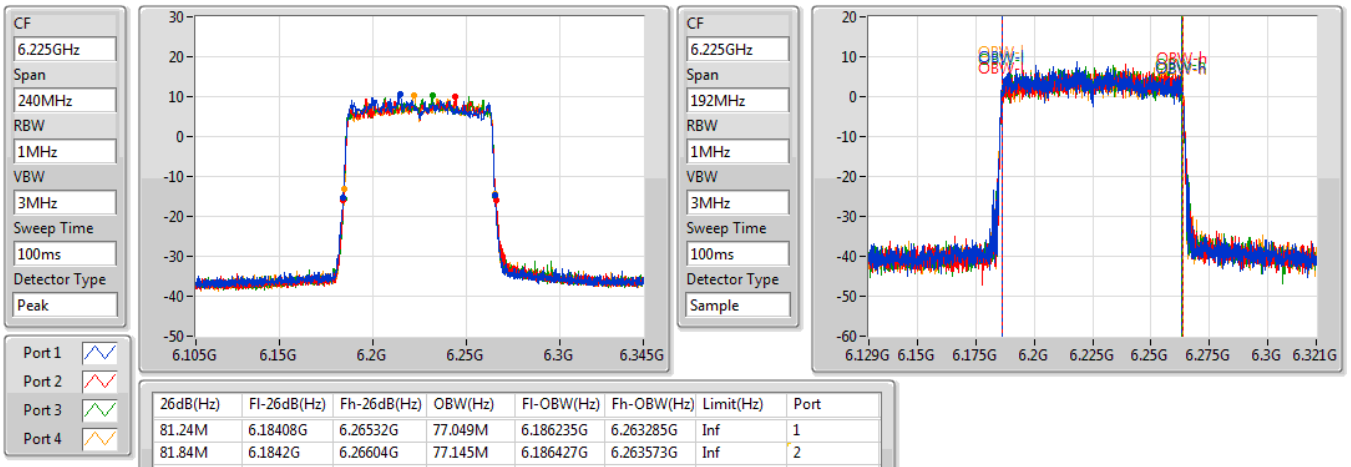


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.1042G	6.18544G	76.858M	6.106427G	6.183285G	Inf	1
81.96M	6.10408G	6.18604G	77.049M	6.106331G	6.183381G	Inf	2
81.24M	6.10432G	6.18556G	77.049M	6.106331G	6.183381G	Inf	3
81.24M	6.10444G	6.18568G	76.954M	6.106523G	6.183477G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6225MHz

29/09/2020

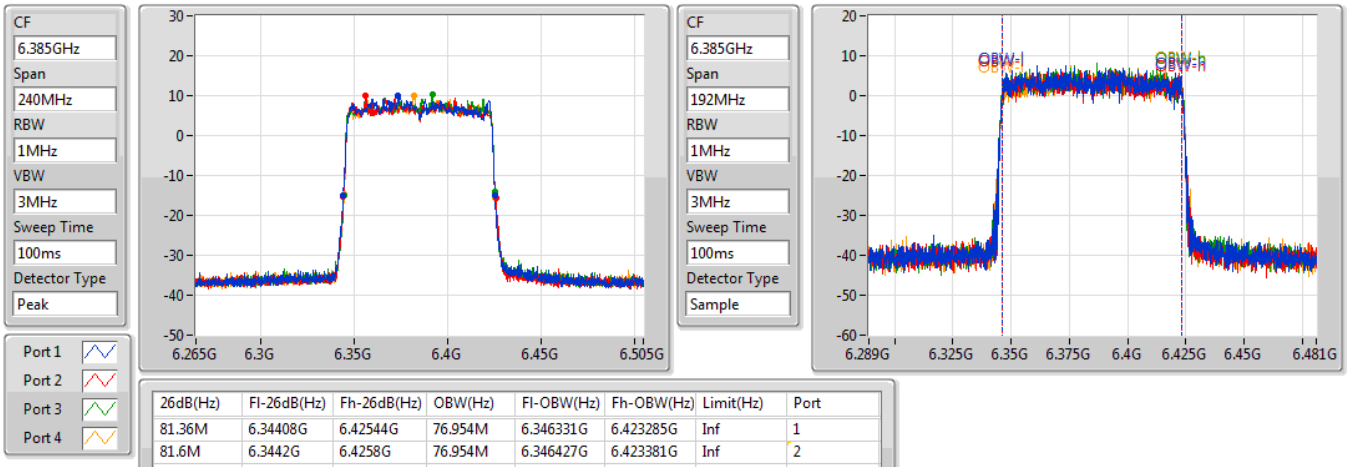


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.18408G	6.26532G	77.049M	6.186235G	6.263285G	Inf	1
81.84M	6.1842G	6.26604G	77.145M	6.186427G	6.263573G	Inf	2
81.12M	6.18444G	6.26556G	76.954M	6.186427G	6.263381G	Inf	3
80.88M	6.18456G	6.26544G	77.241M	6.186331G	6.263573G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6385MHz

29/09/2020

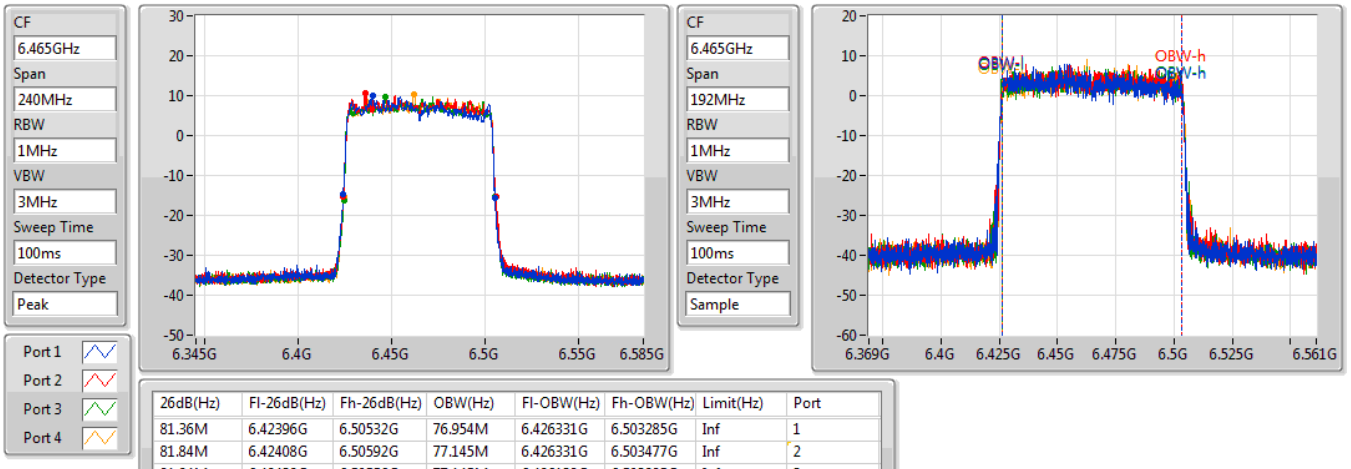


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.34408G	6.42544G	76.954M	6.346331G	6.423285G	Inf	1
81.6M	6.3442G	6.4258G	76.954M	6.346427G	6.423381G	Inf	2
81.36M	6.34432G	6.42568G	77.049M	6.346427G	6.423477G	Inf	3
81.24M	6.34444G	6.42568G	76.954M	6.346427G	6.423381G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6465MHz

29/09/2020

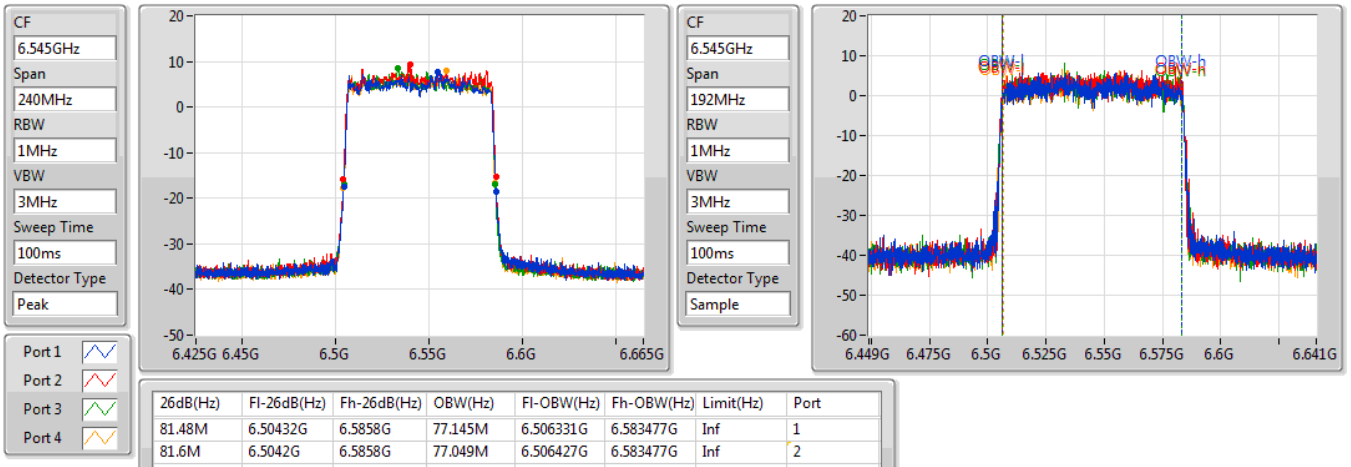


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.42396G	6.50532G	76.954M	6.426331G	6.503285G	Inf	1
81.84M	6.42408G	6.50592G	77.145M	6.426331G	6.503477G	Inf	2
81.24M	6.42432G	6.50556G	77.145M	6.426139G	6.503285G	Inf	3
81.24M	6.42432G	6.50556G	77.049M	6.426427G	6.503477G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6545MHz Straddle 6.425-6.525GHz

29/09/2020

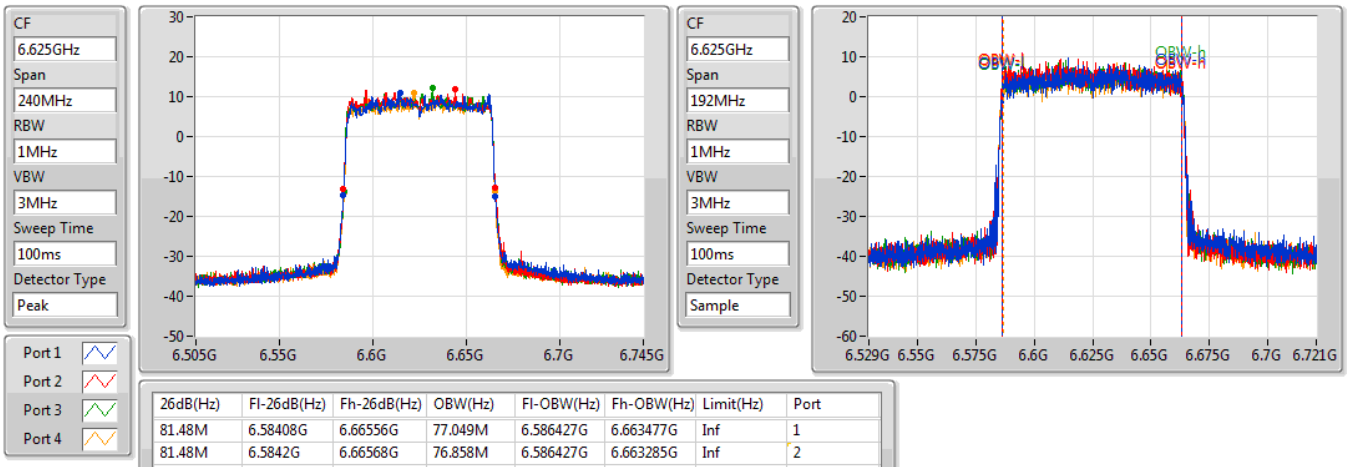


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.50432G	6.5858G	77.145M	6.506331G	6.583477G	Inf	1
81.6M	6.5042G	6.5858G	77.049M	6.506427G	6.583477G	Inf	2
81.24M	6.50432G	6.58556G	76.954M	6.506427G	6.583381G	Inf	3
81.24M	6.5042G	6.58544G	76.762M	6.506619G	6.583381G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6625MHz

29/09/2020

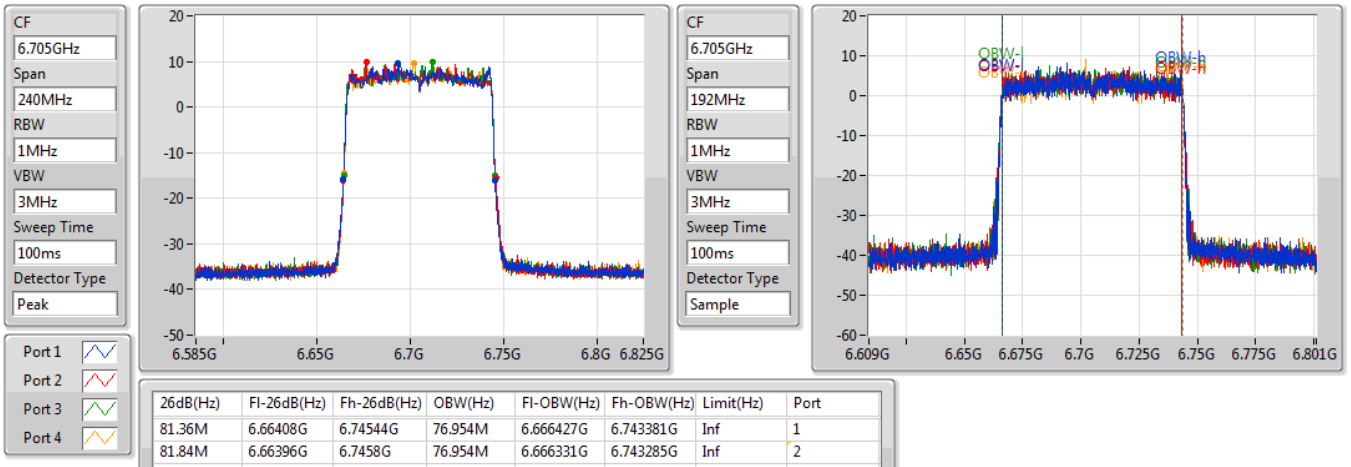


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.58408G	6.66556G	77.049M	6.586427G	6.663477G	Inf	1
81.48M	6.5842G	6.66568G	76.858M	6.586427G	6.663285G	Inf	2
81.12M	6.58432G	6.66544G	77.049M	6.586427G	6.663477G	Inf	3
81M	6.58444G	6.66544G	76.858M	6.586523G	6.663381G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6705MHz

29/09/2020

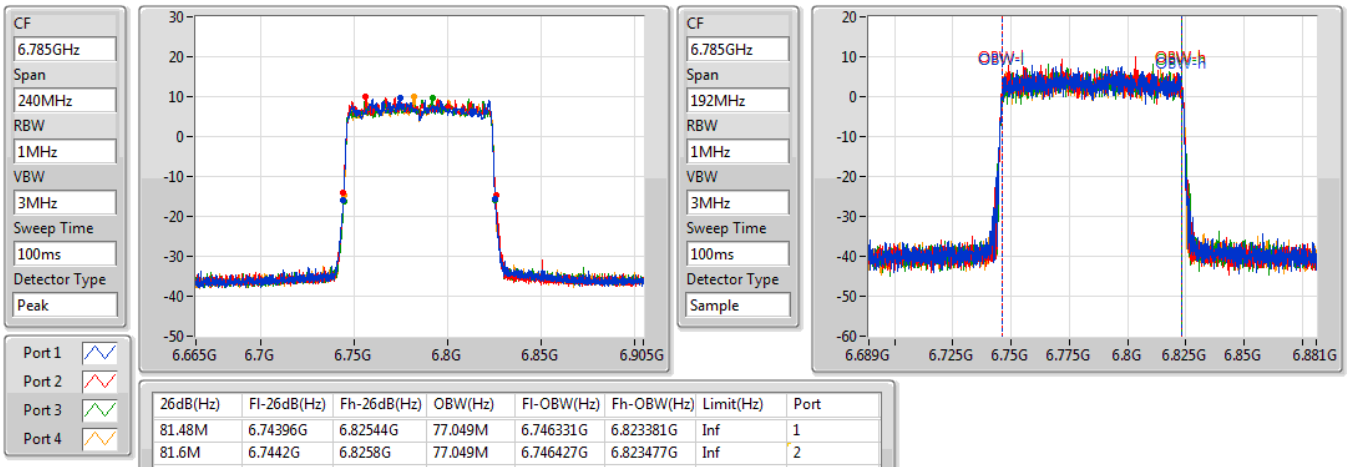


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.66408G	6.74544G	76.954M	6.666427G	6.743381G	Inf	1
81.84M	6.66396G	6.7458G	76.954M	6.666331G	6.743285G	Inf	2
81.24M	6.66432G	6.74556G	76.858M	6.666427G	6.743285G	Inf	3
81.12M	6.66444G	6.74556G	77.241M	6.666331G	6.743573G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6785MHz

29/09/2020

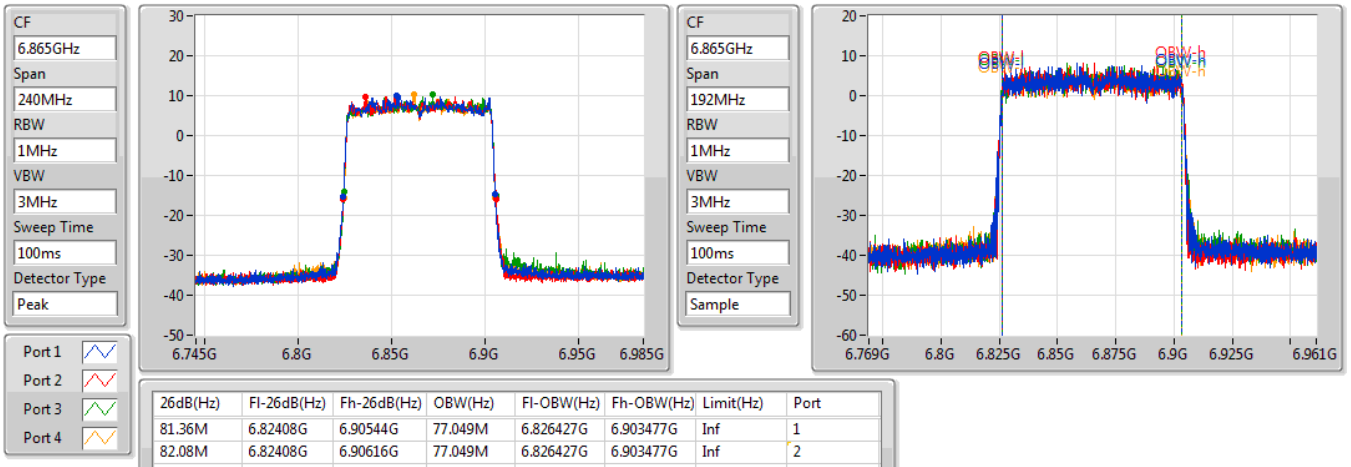


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.74396G	6.82544G	77.049M	6.746331G	6.823381G	Inf	1
81.6M	6.7442G	6.8258G	77.049M	6.746427G	6.823477G	Inf	2
81.36M	6.74432G	6.82568G	77.049M	6.746331G	6.823381G	Inf	3
81.24M	6.74444G	6.82568G	76.858M	6.746427G	6.823285G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6865MHz Straddle 6.525-6.875GHz

29/09/2020

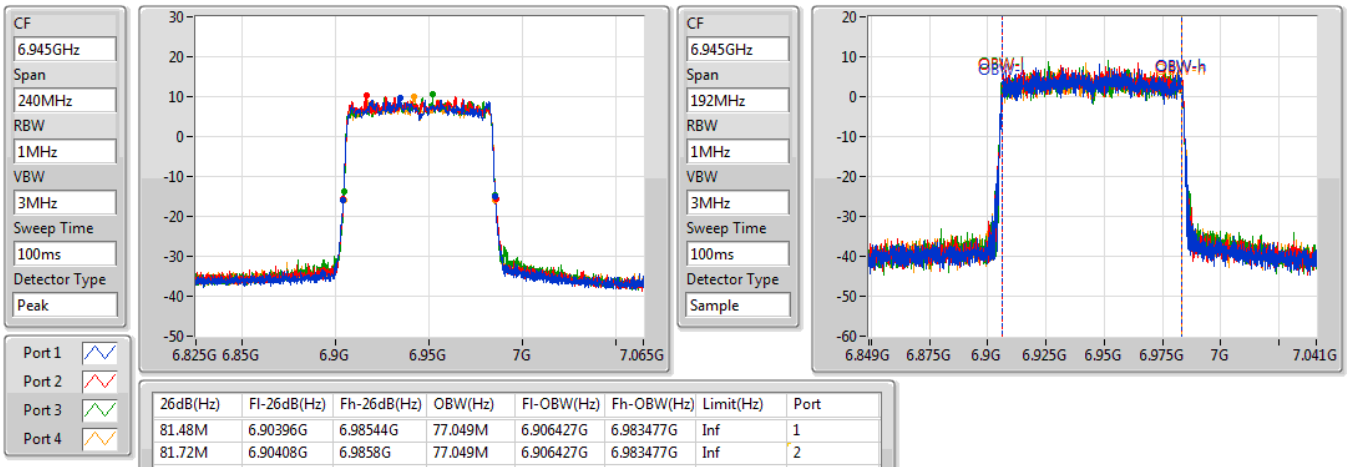


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.82408G	6.90544G	77.049M	6.826427G	6.903477G	Inf	1
82.08M	6.82408G	6.90616G	77.049M	6.826427G	6.903477G	Inf	2
81.36M	6.82444G	6.9058G	77.145M	6.826331G	6.903477G	Inf	3
81.36M	6.82432G	6.90568G	77.049M	6.826427G	6.903477G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

6945MHz

29/09/2020

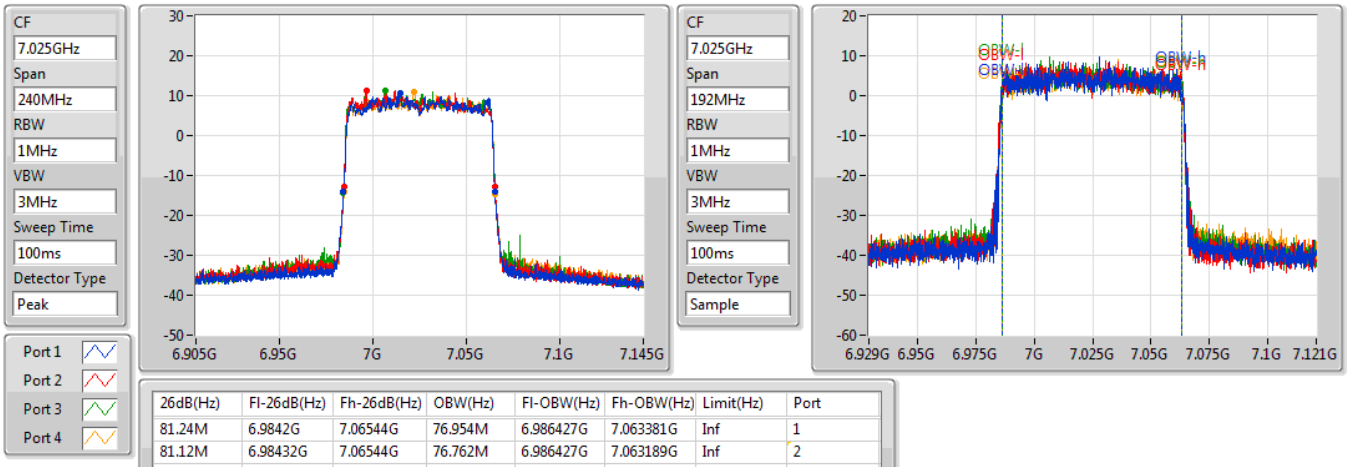


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.90396G	6.98544G	77.049M	6.906427G	6.983477G	Inf	1
81.72M	6.90408G	6.9858G	77.049M	6.906427G	6.983477G	Inf	2
81.24M	6.90444G	6.98568G	77.145M	6.906235G	6.983381G	Inf	3
81.36M	6.90432G	6.98568G	77.049M	6.906427G	6.983477G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

7025MHz

29/09/2020

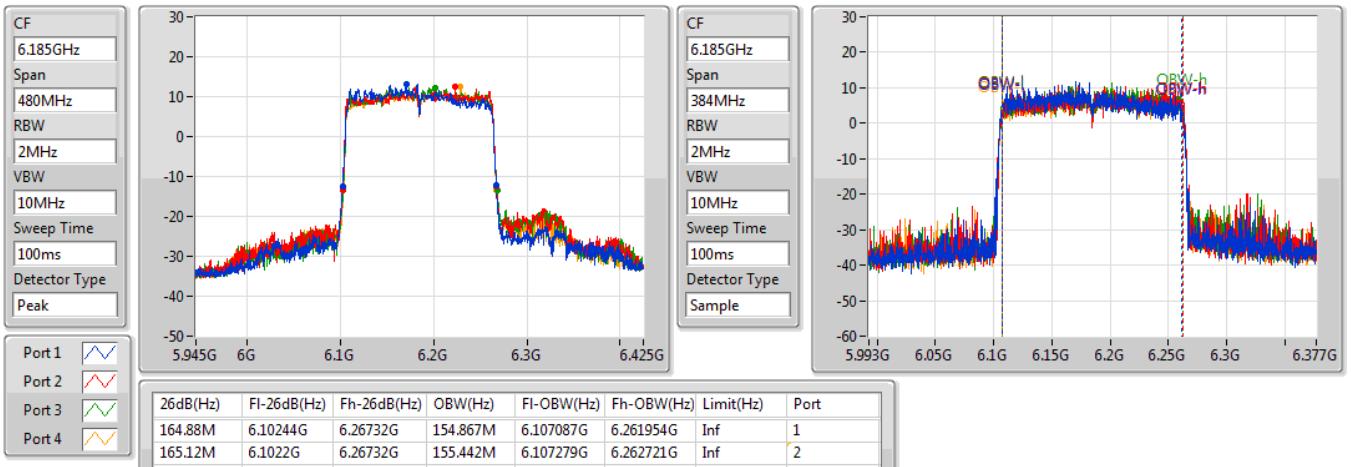


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.9842G	7.06544G	76.954M	6.986427G	7.063381G	Inf	1
81.12M	6.98432G	7.06544G	76.762M	6.986427G	7.063189G	Inf	2
81.36M	6.9842G	7.06556G	77.049M	6.986331G	7.063381G	Inf	3
81.12M	6.98444G	7.06556G	76.858M	6.986427G	7.063285G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6185MHz

29/09/2020

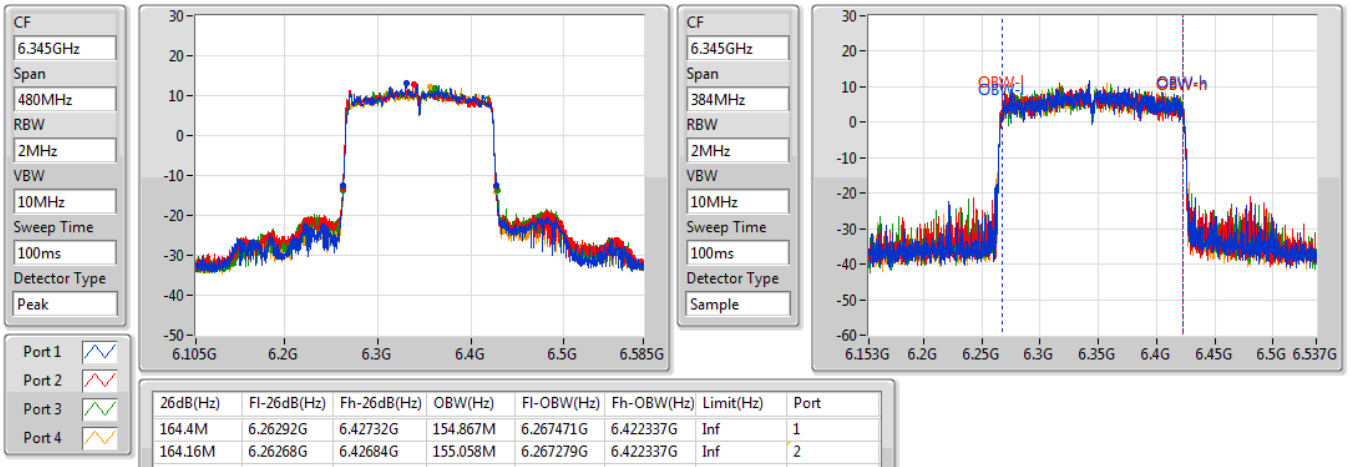


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	6.10244G	6.26732G	154.867M	6.107087G	6.261954G	Inf	1
165.12M	6.1022G	6.26732G	155.442M	6.107279G	6.262721G	Inf	2
165.36M	6.10268G	6.26804G	154.867M	6.107471G	6.262337G	Inf	3
164.4M	6.10292G	6.26732G	155.058M	6.107471G	6.262529G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6345MHz

29/09/2020

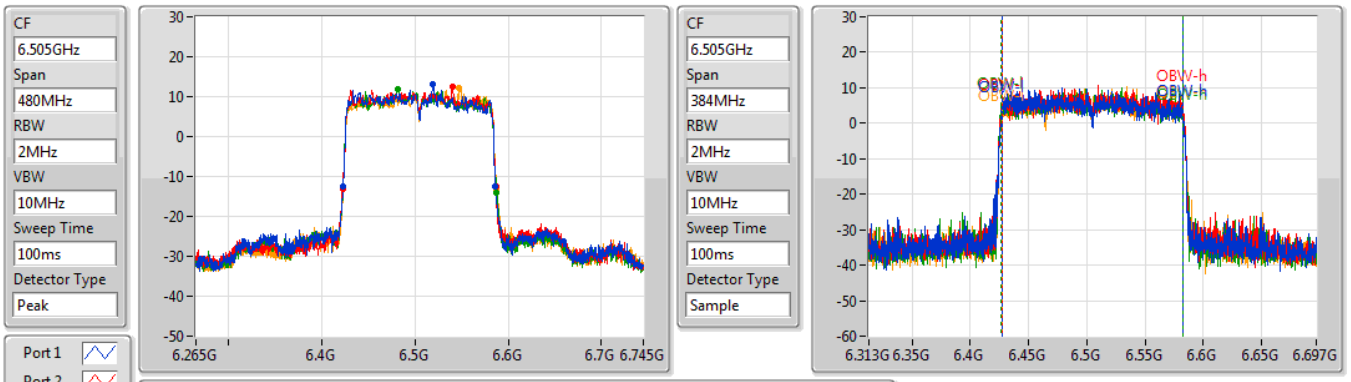


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.26292G	6.42732G	154.867M	6.267471G	6.422337G	Inf	1
164.16M	6.26268G	6.42684G	155.058M	6.267279G	6.422337G	Inf	2
165.36M	6.26268G	6.42804G	155.25M	6.267279G	6.422529G	Inf	3
164.16M	6.26316G	6.42732G	155.442M	6.267279G	6.422721G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6505MHz Straddle 6.425-6.525GHz

29/09/2020

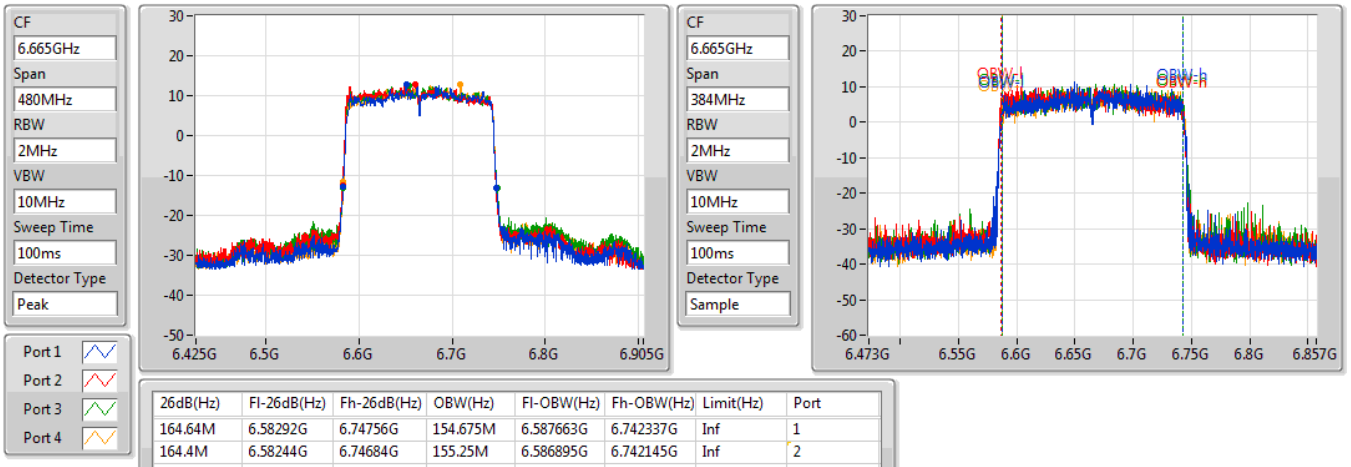


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.44M	6.42292G	6.58636G	155.058M	6.427087G	6.582145G	Inf	1
164.4M	6.4222G	6.5866G	155.442M	6.427087G	6.582529G	Inf	2
164.88M	6.42292G	6.5878G	155.442M	6.426703G	6.582145G	Inf	3
164.88M	6.42292G	6.5878G	155.058M	6.427279G	6.582337G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6665MHz

29/09/2020

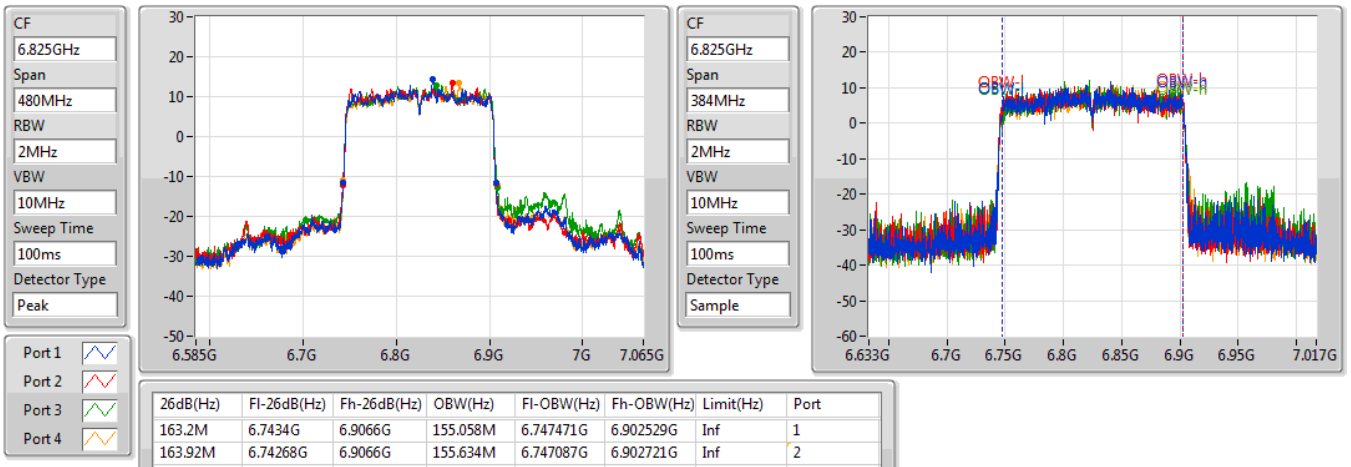


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	6.58292G	6.74756G	154.675M	6.587663G	6.742337G	Inf	1
164.4M	6.58244G	6.74684G	155.25M	6.586895G	6.742145G	Inf	2
165.36M	6.58268G	6.74804G	154.867M	6.587279G	6.742145G	Inf	3
163.92M	6.5834G	6.74732G	155.442M	6.587087G	6.742529G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6825MHz Straddle 6.525-6.875GHz

29/09/2020

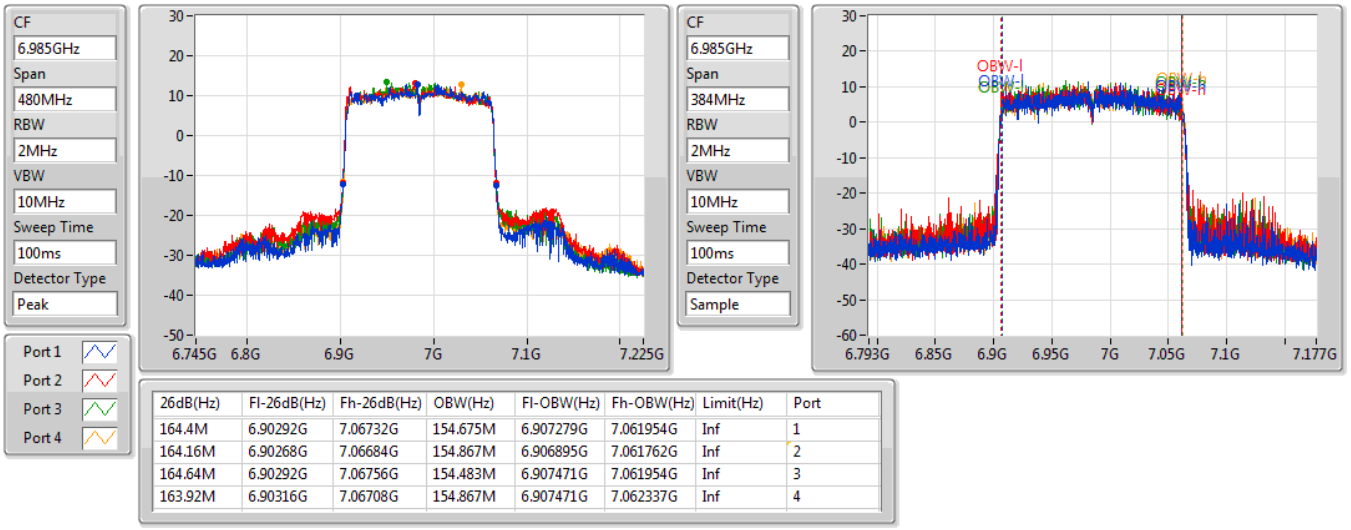


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.2M	6.7434G	6.9066G	155.058M	6.747471G	6.902529G	Inf	1
163.92M	6.74268G	6.9066G	155.634M	6.747087G	6.902721G	Inf	2
165.6M	6.74292G	6.90852G	155.058M	6.747471G	6.902529G	Inf	3
165.12M	6.74316G	6.90828G	154.867M	6.747471G	6.902337G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

6985MHz

29/09/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.90292G	7.06732G	154.675M	6.907279G	7.061954G	Inf	1
164.16M	6.90268G	7.06684G	154.867M	6.906895G	7.061762G	Inf	2
164.64M	6.90292G	7.06756G	154.483M	6.907471G	7.061954G	Inf	3
163.92M	6.90316G	7.06708G	154.867M	6.907471G	7.062337G	Inf	4

Freq(MHz)	Mode	EIRP (dBm)	Low Power Indoor Device Limit (dBm)
6115	11ax/HE20	13.38	30.00
6255	11ax/HE20	14.08	30.00
6415	11ax/HE20	15.67	30.00
6435	11ax/HE20	14.31	30.00
6475	11ax/HE20	14.58	30.00
6515	11ax/HE20	14.51	30.00
6535	11ax/HE20	14.90	30.00
6695	11ax/HE20	14.80	30.00
6855	11ax/HE20	14.60	30.00
6875	11ax/HE20	15.23	30.00
6895	11ax/HE20	13.61	30.00
7015	11ax/HE20	13.88	30.00
7095	11ax/HE20	13.69	30.00
6125	11ax/HE40	17.17	30.00
6245	11ax/HE40	17.83	30.00
6405	11ax/HE40	17.63	30.00
6445	11ax/HE40	17.57	30.00
6485	11ax/HE40	16.93	30.00
6525	11ax/HE40	17.70	30.00
6565	11ax/HE40	16.16	30.00
6685	11ax/HE40	15.82	30.00
6845	11ax/HE40	17.01	30.00
6885	11ax/HE40	17.60	30.00
6925	11ax/HE40	17.49	30.00
7005	11ax/HE40	16.87	30.00
7085	11ax/HE40	16.57	30.00
6145	11ax/HE80	21.17	30.00
6225	11ax/HE80	20.49	30.00
6385	11ax/HE80	22.48	30.00
6465	11ax/HE80	21.34	30.00
6545	11ax/HE80	19.59	30.00
6625	11ax/HE80	20.43	30.00
6705	11ax/HE80	18.97	30.00
6785	11ax/HE80	20.69	30.00
6865	11ax/HE80	20.65	30.00
6945	11ax/HE80	20.78	30.00
7025	11ax/HE80	19.94	30.00
6185	11ax/HE160	23.24	30.00
6345	11ax/HE160	22.15	30.00
6505	11ax/HE160	23.16	30.00
6665	11ax/HE160	21.30	30.00
6825	11ax/HE160	22.81	30.00
6985	11ax/HE160	22.46	30.00

Freq(MHz)	Mode	EIRP (dBm)	Low Power Indoor Device Limit (dBm)
6115	11ax/HE20	14.03	30.00
6255	11ax/HE20	14.34	30.00
6415	11ax/HE20	16.35	30.00
6435	11ax/HE20	14.39	30.00
6475	11ax/HE20	14.62	30.00
6515	11ax/HE20	15.05	30.00
6535	11ax/HE20	16.27	30.00
6695	11ax/HE20	15.02	30.00
6855	11ax/HE20	14.67	30.00
6875	11ax/HE20	15.95	30.00
6895	11ax/HE20	14.41	30.00
7015	11ax/HE20	15.67	30.00
7095	11ax/HE20	16.24	30.00
6125	11ax/HE40	18.51	30.00
6245	11ax/HE40	21.55	30.00
6405	11ax/HE40	21.78	30.00
6445	11ax/HE40	21.10	30.00
6485	11ax/HE40	20.08	30.00
6525	11ax/HE40	18.25	30.00
6565	11ax/HE40	19.81	30.00
6685	11ax/HE40	18.65	30.00
6845	11ax/HE40	20.25	30.00
6885	11ax/HE40	19.22	30.00
6925	11ax/HE40	20.27	30.00
7005	11ax/HE40	19.86	30.00
7085	11ax/HE40	20.10	30.00
6145	11ax/HE80	23.66	30.00
6225	11ax/HE80	23.17	30.00
6385	11ax/HE80	23.24	30.00
6465	11ax/HE80	22.80	30.00
6545	11ax/HE80	21.41	30.00
6625	11ax/HE80	21.77	30.00
6705	11ax/HE80	21.29	30.00
6785	11ax/HE80	21.67	30.00
6865	11ax/HE80	22.64	30.00
6945	11ax/HE80	20.81	30.00
7025	11ax/HE80	22.22	30.00
6185	11ax/HE160	28.05	30.00
6345	11ax/HE160	28.55	30.00
6505	11ax/HE160	26.68	30.00
6665	11ax/HE160	26.97	30.00
6825	11ax/HE160	26.95	30.00
6985	11ax/HE160	26.93	30.00

Freq(MHz)	Mode	EIRP (dBm)	Low Power Indoor Device Limit (dBm)
6115	11ax/HE20	15.85	30.00
6255	11ax/HE20	11.80	30.00
6415	11ax/HE20	14.71	30.00
6435	11ax/HE20	16.13	30.00
6475	11ax/HE20	15.06	30.00
6515	11ax/HE20	15.22	30.00
6535	11ax/HE20	17.59	30.00
6695	11ax/HE20	15.65	30.00
6855	11ax/HE20	15.13	30.00
6875	11ax/HE20	15.16	30.00
6895	11ax/HE20	14.58	30.00
7015	11ax/HE20	16.31	30.00
7095	11ax/HE20	17.61	30.00
6125	11ax/HE40	21.60	30.00
6245	11ax/HE40	21.76	30.00
6405	11ax/HE40	20.22	30.00
6445	11ax/HE40	21.15	30.00
6485	11ax/HE40	20.74	30.00
6525	11ax/HE40	20.52	30.00
6565	11ax/HE40	20.08	30.00
6685	11ax/HE40	20.67	30.00
6845	11ax/HE40	20.90	30.00
6885	11ax/HE40	20.20	30.00
6925	11ax/HE40	20.36	30.00
7005	11ax/HE40	19.26	30.00
7085	11ax/HE40	22.53	30.00
6145	11ax/HE80	22.23	30.00
6225	11ax/HE80	22.01	30.00
6385	11ax/HE80	22.64	30.00
6465	11ax/HE80	21.83	30.00
6545	11ax/HE80	24.23	30.00
6625	11ax/HE80	23.77	30.00
6705	11ax/HE80	23.57	30.00
6785	11ax/HE80	23.11	30.00
6865	11ax/HE80	24.22	30.00
6945	11ax/HE80	23.62	30.00
7025	11ax/HE80	23.20	30.00
6185	11ax/HE160	25.95	30.00
6345	11ax/HE160	23.28	30.00
6505	11ax/HE160	22.65	30.00
6665	11ax/HE160	25.89	30.00
6825	11ax/HE160	22.49	30.00
6985	11ax/HE160	23.19	30.00

Freq(MHz)	Mode	EIRP (dBm)	Low Power Indoor Device Limit (dBm)
6115	11ax/HE20	17.80	30.00
6255	11ax/HE20	18.23	30.00
6415	11ax/HE20	18.26	30.00
6435	11ax/HE20	17.79	30.00
6475	11ax/HE20	18.15	30.00
6515	11ax/HE20	18.51	30.00
6535	11ax/HE20	17.86	30.00
6695	11ax/HE20	18.31	30.00
6855	11ax/HE20	18.26	30.00
6875	11ax/HE20	18.04	30.00
6895	11ax/HE20	17.75	30.00
7015	11ax/HE20	18.05	30.00
7095	11ax/HE20	17.07	30.00
6125	11ax/HE40	21.24	30.00
6245	11ax/HE40	21.03	30.00
6405	11ax/HE40	20.96	30.00
6445	11ax/HE40	20.77	30.00
6485	11ax/HE40	20.82	30.00
6525	11ax/HE40	20.78	30.00
6565	11ax/HE40	20.45	30.00
6685	11ax/HE40	20.28	30.00
6845	11ax/HE40	20.50	30.00
6885	11ax/HE40	19.88	30.00
6925	11ax/HE40	20.60	30.00
7005	11ax/HE40	20.67	30.00
7085	11ax/HE40	20.63	30.00
6145	11ax/HE80	23.34	30.00
6225	11ax/HE80	23.65	30.00
6385	11ax/HE80	23.69	30.00
6465	11ax/HE80	23.50	30.00
6545	11ax/HE80	23.49	30.00
6625	11ax/HE80	23.88	30.00
6705	11ax/HE80	23.32	30.00
6785	11ax/HE80	23.33	30.00
6865	11ax/HE80	24.05	30.00
6945	11ax/HE80	23.14	30.00
7025	11ax/HE80	23.32	30.00
6185	11ax/HE160	26.33	30.00
6345	11ax/HE160	25.78	30.00
6505	11ax/HE160	25.79	30.00
6665	11ax/HE160	25.77	30.00
6825	11ax/HE160	26.28	30.00
6985	11ax/HE160	25.22	30.00

Freq(MHz)	Mode	EIRP PSD (dBm/MHz)	Low Power Indoor Device Limit (dBm/MHz)
6115	11ax/HE20	4.96	5.00
6255	11ax/HE20	4.98	5.00
6415	11ax/HE20	4.93	5.00
6435	11ax/HE20	4.81	5.00
6475	11ax/HE20	4.98	5.00
6515	11ax/HE20	4.88	5.00
6535	11ax/HE20	4.91	5.00
6695	11ax/HE20	4.97	5.00
6855	11ax/HE20	4.98	5.00
6875	11ax/HE20	4.93	5.00
6895	11ax/HE20	4.93	5.00
7015	11ax/HE20	4.91	5.00
7095	11ax/HE20	4.95	5.00
6125	11ax/HE40	4.91	5.00
6245	11ax/HE40	4.95	5.00
6405	11ax/HE40	4.98	5.00
6445	11ax/HE40	4.95	5.00
6485	11ax/HE40	4.92	5.00
6525	11ax/HE40	4.85	5.00
6565	11ax/HE40	4.77	5.00
6685	11ax/HE40	4.98	5.00
6845	11ax/HE40	4.85	5.00
6885	11ax/HE40	4.93	5.00
6925	11ax/HE40	4.96	5.00
7005	11ax/HE40	4.85	5.00
7085	11ax/HE40	4.99	5.00
6145	11ax/HE80	4.88	5.00
6225	11ax/HE80	4.98	5.00
6385	11ax/HE80	4.89	5.00
6465	11ax/HE80	4.89	5.00
6545	11ax/HE80	4.91	5.00
6625	11ax/HE80	4.96	5.00
6705	11ax/HE80	4.82	5.00
6785	11ax/HE80	4.80	5.00
6865	11ax/HE80	4.83	5.00
6945	11ax/HE80	4.95	5.00
7025	11ax/HE80	4.99	5.00
6185	11ax/HE160	4.80	5.00
6345	11ax/HE160	4.66	5.00
6505	11ax/HE160	4.74	5.00
6665	11ax/HE160	4.98	5.00
6825	11ax/HE160	4.74	5.00
6985	11ax/HE160	4.84	5.00

Freq(MHz)	Mode	EIRP PSD (dBm/MHz)	Low Power Indoor Device Limit (dBm/MHz)
6115	11ax/HE20	4.97	5.00
6255	11ax/HE20	4.82	5.00
6415	11ax/HE20	4.85	5.00
6435	11ax/HE20	4.69	5.00
6475	11ax/HE20	4.92	5.00
6515	11ax/HE20	4.61	5.00
6535	11ax/HE20	4.93	5.00
6695	11ax/HE20	4.66	5.00
6855	11ax/HE20	4.97	5.00
6875	11ax/HE20	4.73	5.00
6895	11ax/HE20	4.94	5.00
7015	11ax/HE20	4.99	5.00
7095	11ax/HE20	4.91	5.00
6125	11ax/HE40	4.81	5.00
6245	11ax/HE40	4.98	5.00
6405	11ax/HE40	4.96	5.00
6445	11ax/HE40	4.78	5.00
6485	11ax/HE40	4.96	5.00
6525	11ax/HE40	4.72	5.00
6565	11ax/HE40	4.89	5.00
6685	11ax/HE40	4.85	5.00
6845	11ax/HE40	4.90	5.00
6885	11ax/HE40	4.90	5.00
6925	11ax/HE40	4.96	5.00
7005	11ax/HE40	4.69	5.00
7085	11ax/HE40	4.90	5.00
6145	11ax/HE80	4.85	5.00
6225	11ax/HE80	4.93	5.00
6385	11ax/HE80	4.93	5.00
6465	11ax/HE80	4.98	5.00
6545	11ax/HE80	4.78	5.00
6625	11ax/HE80	4.98	5.00
6705	11ax/HE80	4.98	5.00
6785	11ax/HE80	4.89	5.00
6865	11ax/HE80	4.98	5.00
6945	11ax/HE80	4.76	5.00
7025	11ax/HE80	4.92	5.00
6185	11ax/HE160	4.95	5.00
6345	11ax/HE160	4.98	5.00
6505	11ax/HE160	4.91	5.00
6665	11ax/HE160	4.91	5.00
6825	11ax/HE160	4.88	5.00
6985	11ax/HE160	4.71	5.00

Freq(MHz)	Mode	EIRP PSD (dBm/MHz)	Low Power Indoor Device Limit (dBm/MHz)
6115	11ax/HE20	4.89	5.00
6255	11ax/HE20	4.95	5.00
6415	11ax/HE20	4.79	5.00
6435	11ax/HE20	4.87	5.00
6475	11ax/HE20	4.80	5.00
6515	11ax/HE20	4.82	5.00
6535	11ax/HE20	4.86	5.00
6695	11ax/HE20	4.83	5.00
6855	11ax/HE20	4.82	5.00
6875	11ax/HE20	4.98	5.00
6895	11ax/HE20	4.89	5.00
7015	11ax/HE20	4.86	5.00
7095	11ax/HE20	4.98	5.00
6125	11ax/HE40	4.95	5.00
6245	11ax/HE40	4.98	5.00
6405	11ax/HE40	4.91	5.00
6445	11ax/HE40	4.92	5.00
6485	11ax/HE40	4.89	5.00
6525	11ax/HE40	4.85	5.00
6565	11ax/HE40	4.98	5.00
6685	11ax/HE40	4.85	5.00
6845	11ax/HE40	4.99	5.00
6885	11ax/HE40	4.94	5.00
6925	11ax/HE40	4.91	5.00
7005	11ax/HE40	4.84	5.00
7085	11ax/HE40	4.92	5.00
6145	11ax/HE80	4.90	5.00
6225	11ax/HE80	4.98	5.00
6385	11ax/HE80	4.86	5.00
6465	11ax/HE80	4.88	5.00
6545	11ax/HE80	4.85	5.00
6625	11ax/HE80	4.90	5.00
6705	11ax/HE80	4.92	5.00
6785	11ax/HE80	4.80	5.00
6865	11ax/HE80	4.99	5.00
6945	11ax/HE80	4.83	5.00
7025	11ax/HE80	4.79	5.00
6185	11ax/HE160	4.70	5.00
6345	11ax/HE160	4.95	5.00
6505	11ax/HE160	4.86	5.00
6665	11ax/HE160	4.75	5.00
6825	11ax/HE160	4.72	5.00
6985	11ax/HE160	4.77	5.00

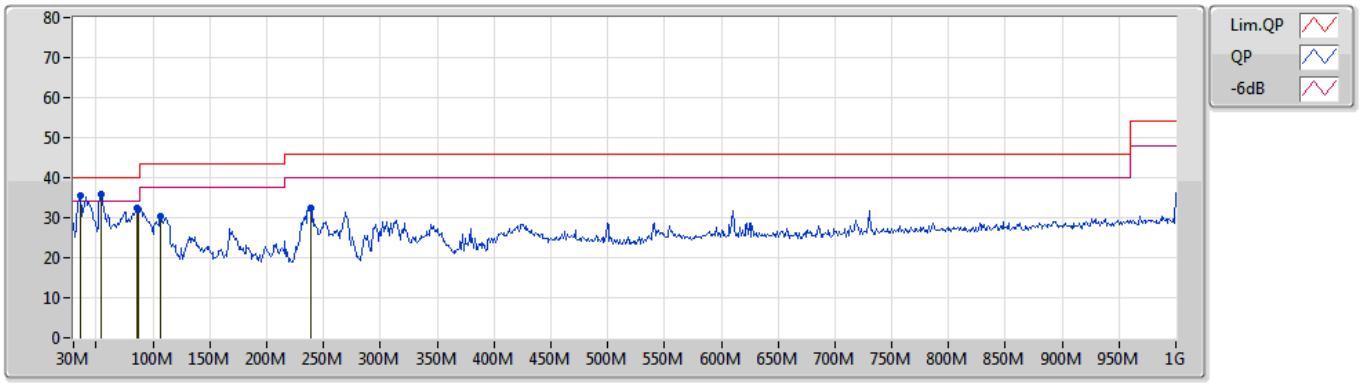
Freq(MHz)	Mode	EIRP PSD (dBm/MHz)	Low Power Indoor Device Limit (dBm/MHz)
6115	11ax/HE20	4.95	5.00
6255	11ax/HE20	4.86	5.00
6415	11ax/HE20	4.98	5.00
6435	11ax/HE20	4.88	5.00
6475	11ax/HE20	4.95	5.00
6515	11ax/HE20	4.96	5.00
6535	11ax/HE20	4.82	5.00
6695	11ax/HE20	4.96	5.00
6855	11ax/HE20	4.88	5.00
6875	11ax/HE20	4.95	5.00
6895	11ax/HE20	4.79	5.00
7015	11ax/HE20	4.68	5.00
7095	11ax/HE20	4.92	5.00
6125	11ax/HE40	4.98	5.00
6245	11ax/HE40	4.95	5.00
6405	11ax/HE40	4.78	5.00
6445	11ax/HE40	4.88	5.00
6485	11ax/HE40	4.72	5.00
6525	11ax/HE40	4.86	5.00
6565	11ax/HE40	4.87	5.00
6685	11ax/HE40	4.94	5.00
6845	11ax/HE40	4.66	5.00
6885	11ax/HE40	4.67	5.00
6925	11ax/HE40	4.87	5.00
7005	11ax/HE40	4.94	5.00
7085	11ax/HE40	4.75	5.00
6145	11ax/HE80	4.88	5.00
6225	11ax/HE80	4.95	5.00
6385	11ax/HE80	4.94	5.00
6465	11ax/HE80	4.76	5.00
6545	11ax/HE80	4.97	5.00
6625	11ax/HE80	4.91	5.00
6705	11ax/HE80	4.85	5.00
6785	11ax/HE80	4.85	5.00
6865	11ax/HE80	4.95	5.00
6945	11ax/HE80	4.90	5.00
7025	11ax/HE80	4.83	5.00
6185	11ax/HE160	4.92	5.00
6345	11ax/HE160	4.84	5.00
6505	11ax/HE160	4.98	5.00
6665	11ax/HE160	4.93	5.00
6825	11ax/HE160	4.88	5.00
6985	11ax/HE160	4.93	5.00

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	54.25M	35.93	40.00	-4.07	Vertical

Mode 2

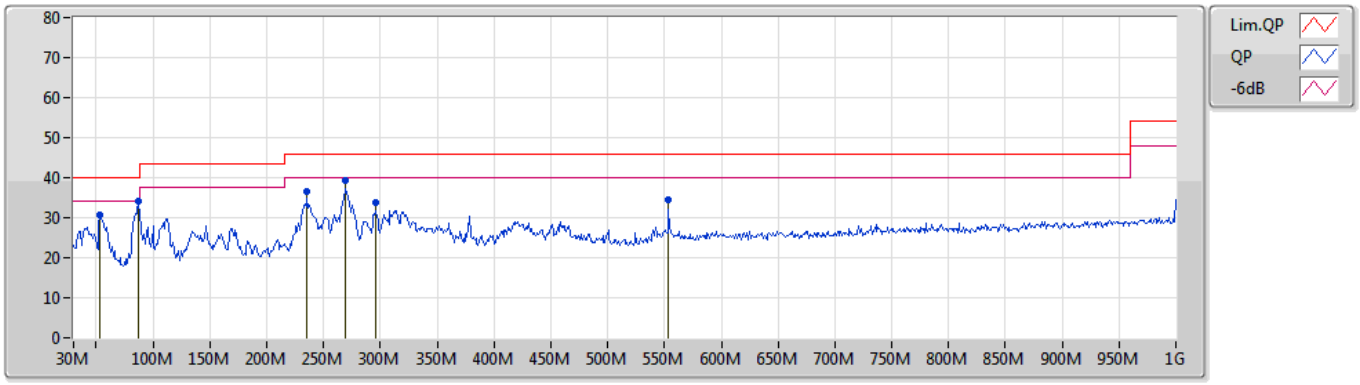
02/10/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	35.57	40.00	-4.43	-9.70	3	Vertical	102	1.00	-	45.27	21.25	0.52	31.47
PK	54.25M	35.93	40.00	-4.07	-17.77	3	Vertical	360	1.25	"Worst"	53.70	13.28	0.68	31.73
PK	86.26M	32.50	40.00	-7.50	-16.89	3	Vertical	69	1.50	-	49.39	13.91	1.00	31.80
PK	87.23M	32.24	40.00	-7.76	-16.69	3	Vertical	102	1.00	-	48.93	14.12	1.00	31.81
PK	106.63M	30.38	43.50	-13.12	-13.06	3	Vertical	207	1.00	-	43.44	17.59	1.17	31.82
PK	238.55M	32.53	46.00	-13.47	-13.54	3	Vertical	158	2.00	-	46.07	16.52	1.85	31.91

Mode 2

02/10/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	53.28M	30.85	40.00	-9.15	-17.26	3	Horizontal	147	1.00	-	48.11	12.86	1.47	31.59
PK	87.23M	34.26	40.00	-5.74	-15.57	3	Horizontal	256	1.00	"Worst"	49.83	14.21	1.94	31.72
PK	235.64M	36.70	46.00	-9.30	-11.98	3	Horizontal	52	1.25	-	48.68	16.71	3.11	31.80
PK	268.62M	39.17	46.00	-6.83	-9.78	3	Horizontal	242	1.00	-	48.95	18.67	3.35	31.80
PK	295.78M	33.96	46.00	-12.04	-9.20	3	Horizontal	167	1.50	-	43.16	19.06	3.57	31.83
PK	553.8M	34.32	46.00	-11.68	-2.76	3	Horizontal	183	1.00	-	37.08	24.62	4.92	32.30

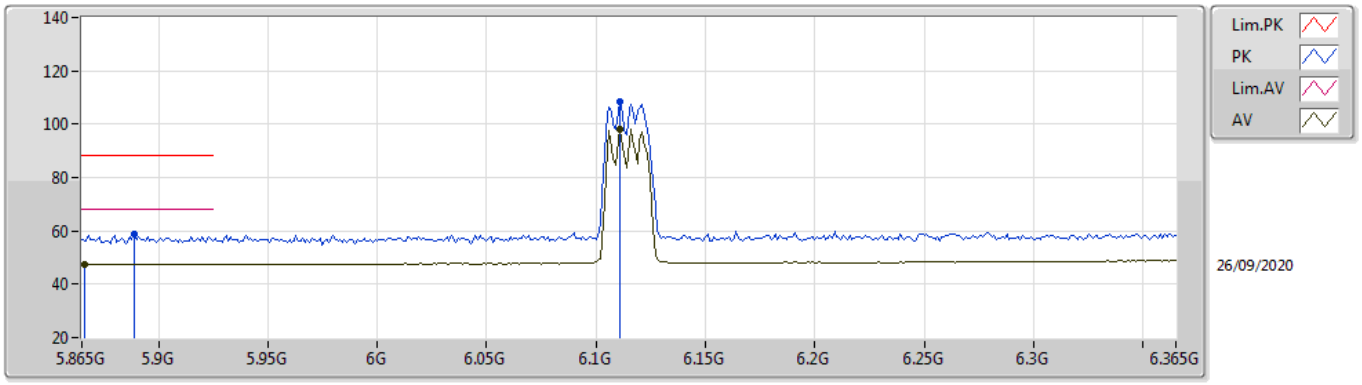
For Radiated:

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	13.38062G	44.76	54.00	-9.24	3	Horizontal	258	1.73	-

802.11ax HEW20_Nss1,(MCS0)_4TX

6115MHz_TX

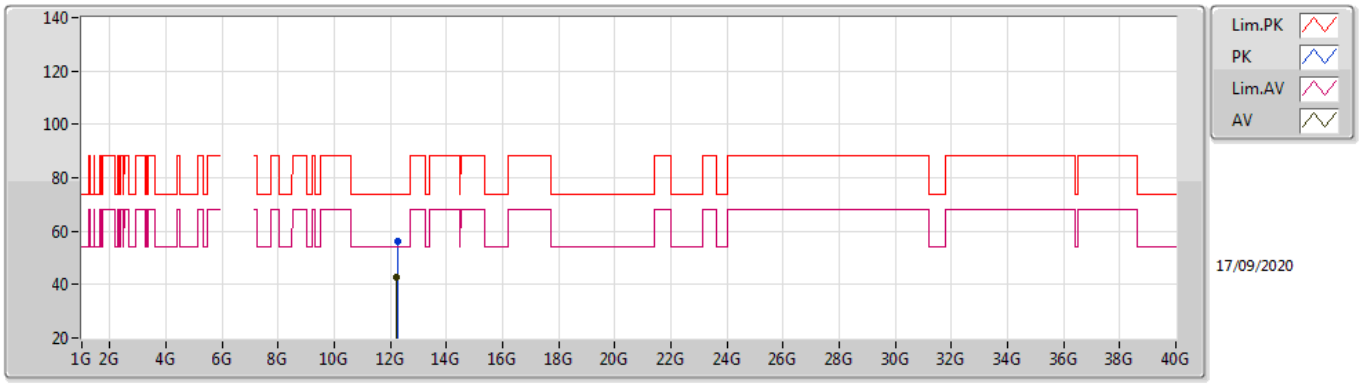


EUT Z_4TX
Setting 35
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.889G	58.89	88.20	-29.31	52.33	3	Vertical	219	1.80	-	32.28	5.96	31.68
RMS	5.866G	47.59	68.20	-20.61	41.08	3	Vertical	219	1.80	-	32.23	5.97	31.69
PK	6.111G	108.26	Inf	-Inf	101.67	3	Vertical	219	1.80	-	32.37	6.01	31.79
RMS	6.111G	97.99	Inf	-Inf	91.40	3	Vertical	219	1.80	-	32.37	6.01	31.79

802.11ax HEW20_Nss1,(MCS0)_4TX

6115MHz_TX

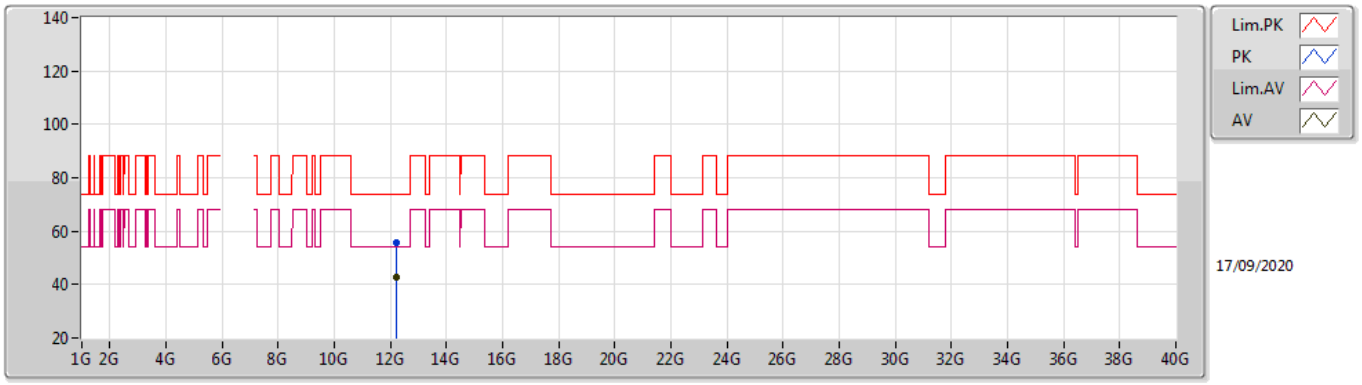


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.2387G	56.37	74.00	-17.63	43.20	3	Vertical	226	1.80	-	38.86	8.37	34.06
AV	12.21716G	42.63	54.00	-11.37	29.45	3	Vertical	226	1.80	-	38.88	8.37	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

6115MHz_TX

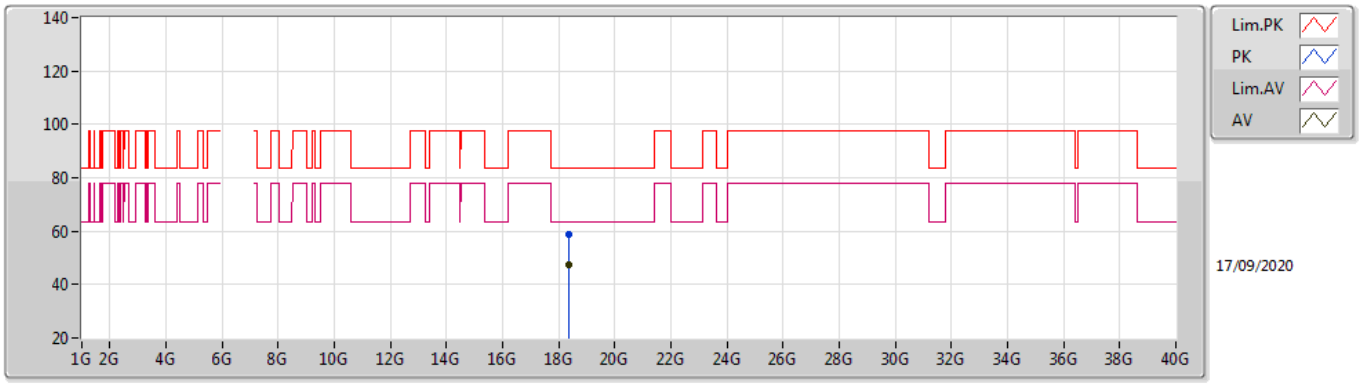


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.22496G	55.93	74.00	-18.07	42.75	3	Horizontal	301	1.40	-	38.88	8.37	34.07
AV	12.22976G	42.62	54.00	-11.38	29.44	3	Horizontal	301	1.40	-	38.87	8.37	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

6115MHz_TX

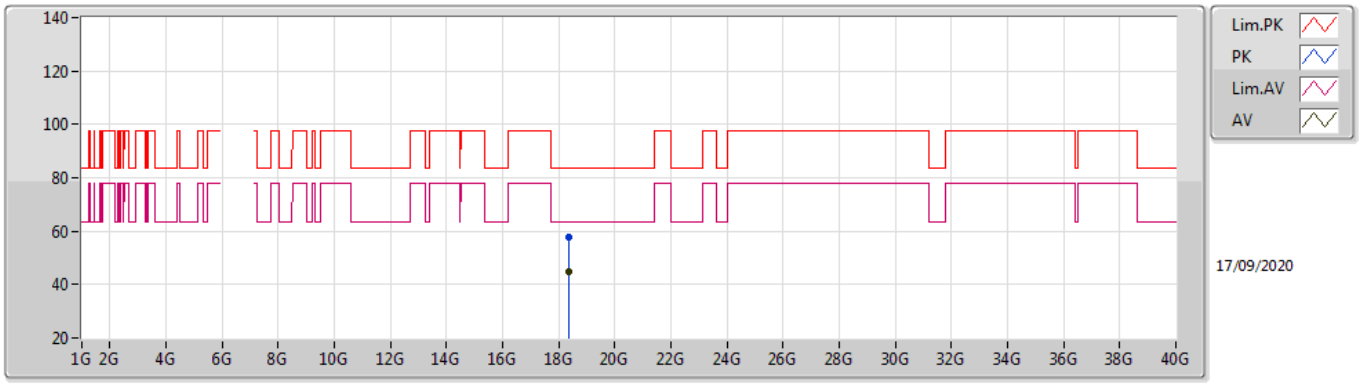


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.345G	58.70	83.54	-24.84	57.09	1	Vertical	359	1.50	-	37.58	14.23	50.20
AV	18.34476G	47.61	63.54	-15.93	46.00	1	Vertical	359	1.50	-	37.58	14.23	50.20

802.11ax HEW20_Nss1,(MCS0)_4TX

6115MHz_TX

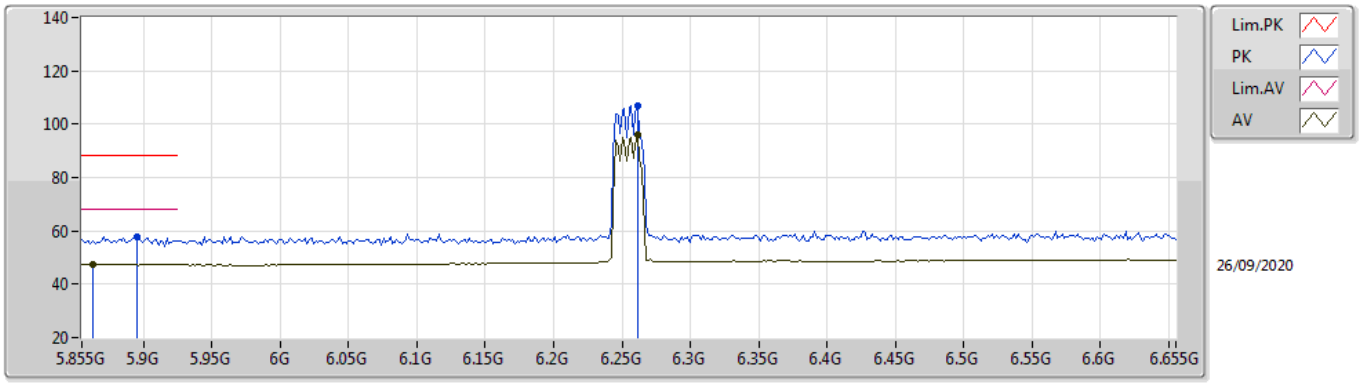


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.34448G	57.78	83.54	-25.76	56.17	1	Horizontal	354	1.50	-	37.58	14.23	50.20
AV	18.34468G	44.75	63.54	-18.79	43.14	1	Horizontal	354	1.50	-	37.58	14.23	50.20

802.11ax HEW20_Nss1,(MCS0)_4TX

6255MHz_TX

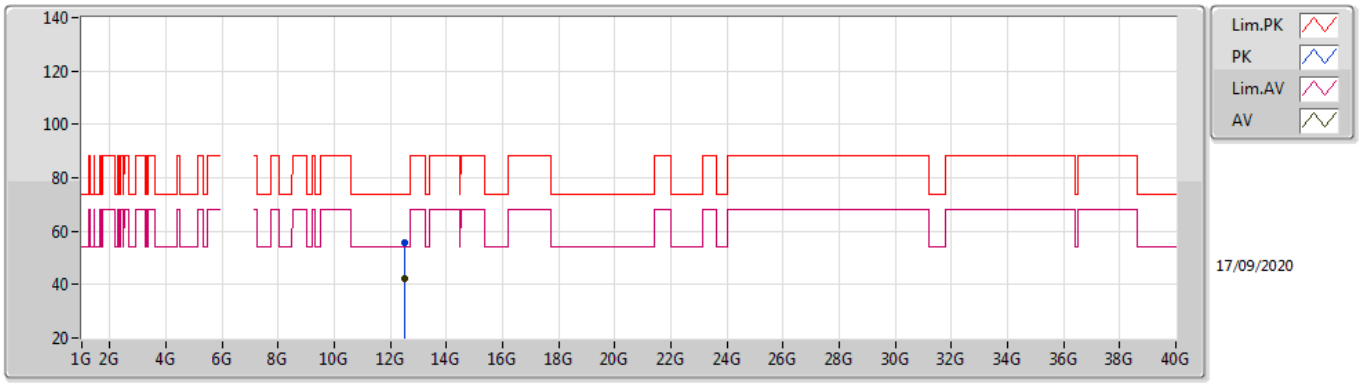


EUT Z_4TX
Setting 33
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.895G	57.90	88.20	-30.30	51.34	3	Vertical	217	2.61	-	32.29	5.95	31.68
RMS	5.863G	47.49	68.20	-20.71	40.99	3	Vertical	217	2.61	-	32.23	5.97	31.70
PK	6.2614G	106.95	Inf	-Inf	99.95	3	Vertical	217	2.61	-	32.92	6.10	32.02
RMS	6.2614G	95.99	Inf	-Inf	88.99	3	Vertical	217	2.61	-	32.92	6.10	32.02

802.11ax HEW20_Nss1,(MCS0)_4TX

6255MHz_TX

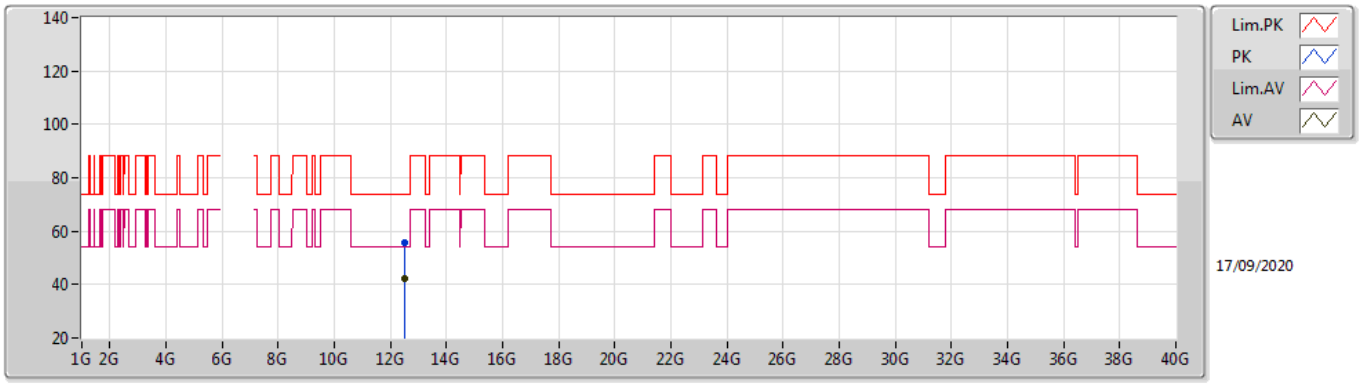


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.50502G	55.51	74.00	-18.49	42.48	3	Vertical	143	1.24	-	38.52	8.45	33.94
AV	12.52392G	42.09	54.00	-11.91	29.01	3	Vertical	143	1.24	-	38.57	8.46	33.95

802.11ax HEW20_Nss1,(MCS0)_4TX

6255MHz_TX

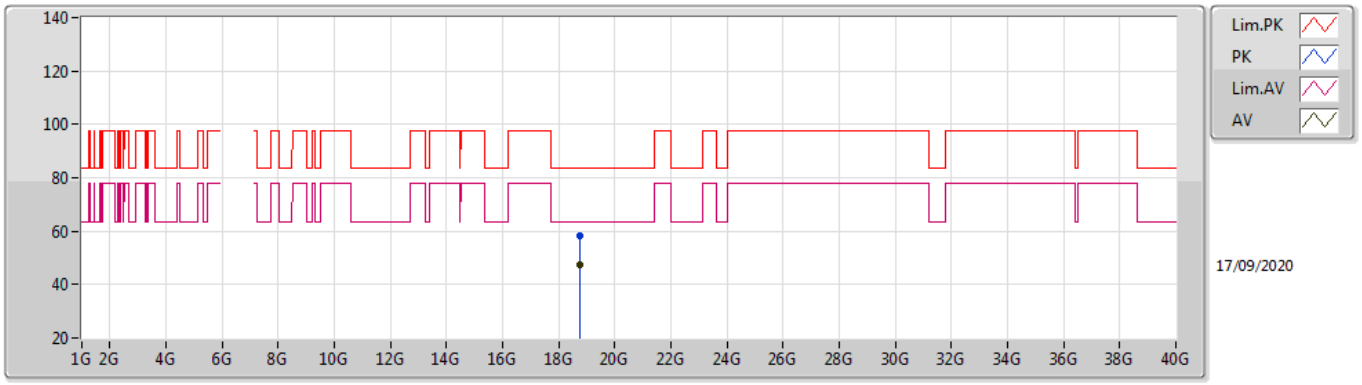


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.5244G	55.66	74.00	-18.34	42.58	3	Horizontal	292	1.24	-	38.57	8.46	33.95
AV	12.52392G	42.10	54.00	-11.90	29.02	3	Horizontal	292	1.24	-	38.57	8.46	33.95

802.11ax HEW20_Nss1,(MCS0)_4TX

6255MHz_TX

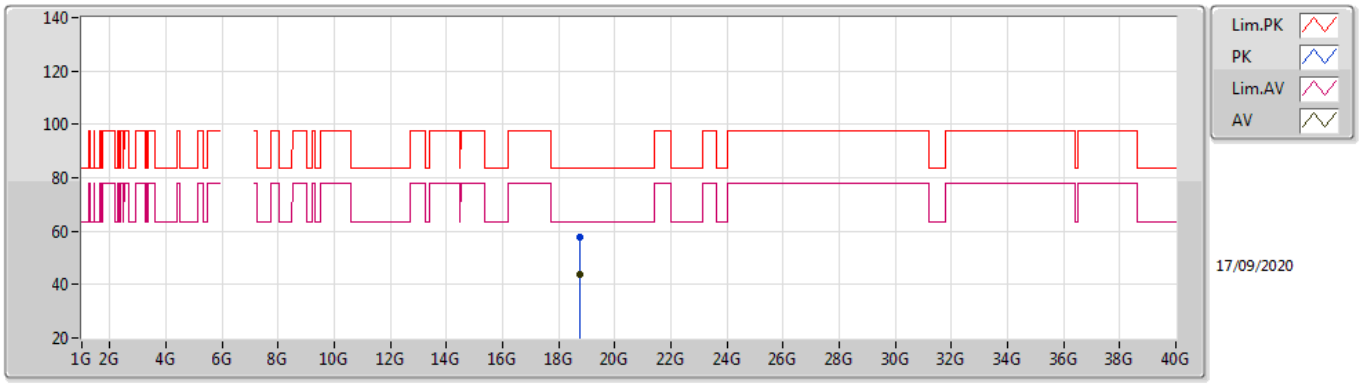


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.76104G	58.22	83.54	-25.32	56.07	1	Vertical	355	1.50	-	38.07	14.28	50.20
AV	18.76476G	47.58	63.54	-15.96	45.43	1	Vertical	355	1.50	-	38.07	14.28	50.20

802.11ax HEW20_Nss1,(MCS0)_4TX

6255MHz_TX

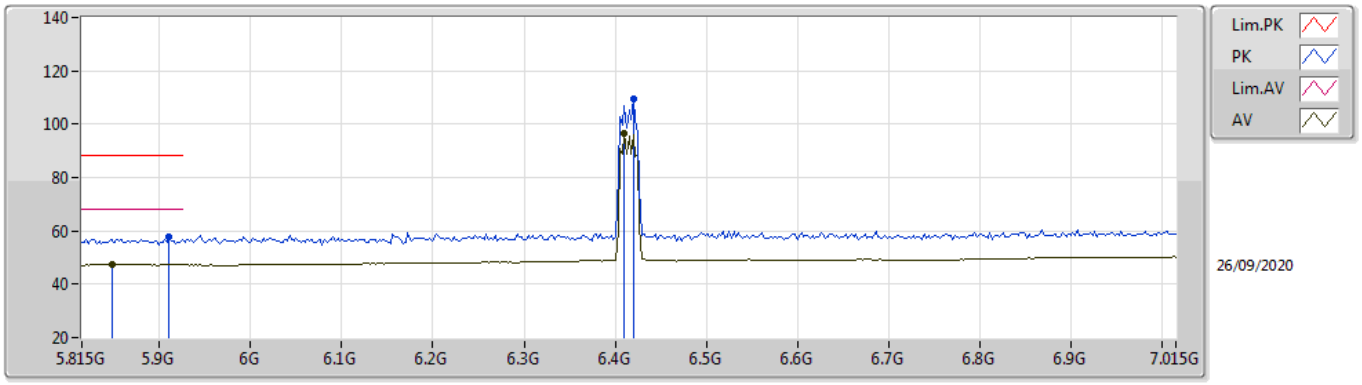


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.77248G	57.69	83.54	-25.85	55.53	1	Horizontal	311	1.50	-	38.08	14.28	50.20
AV	18.76476G	43.97	63.54	-19.57	41.82	1	Horizontal	311	1.50	-	38.07	14.28	50.20

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

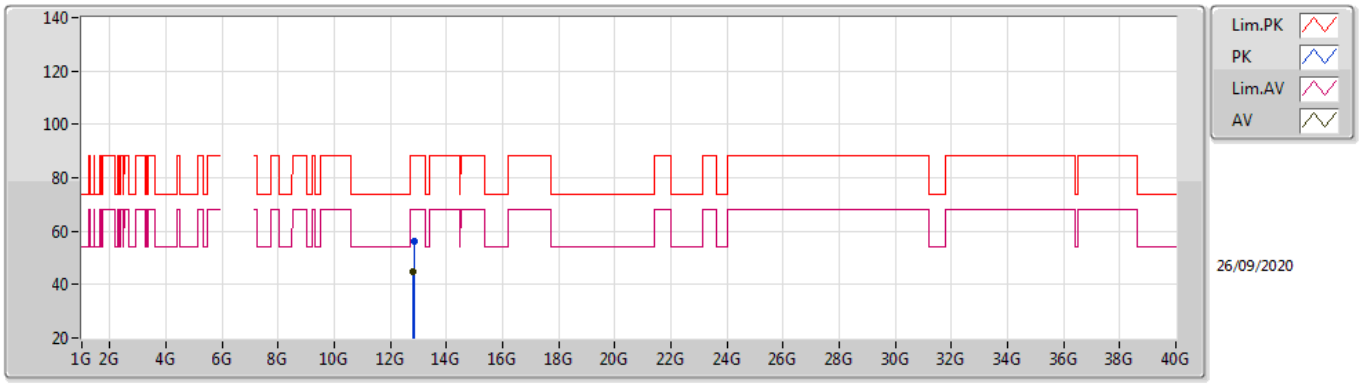


EUT Z_4TX
Setting 35
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.911G	57.87	88.20	-30.33	51.30	3	Vertical	309	1.80	-	32.30	5.94	31.67
RMS	5.8486G	47.41	68.20	-20.79	40.94	3	Vertical	309	1.80	-	32.19	5.98	31.70
PK	6.4198G	109.41	Inf	-Inf	101.95	3	Vertical	309	1.80	-	33.58	6.13	32.25
RMS	6.4102G	96.32	Inf	-Inf	88.90	3	Vertical	309	1.80	-	33.54	6.12	32.24

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

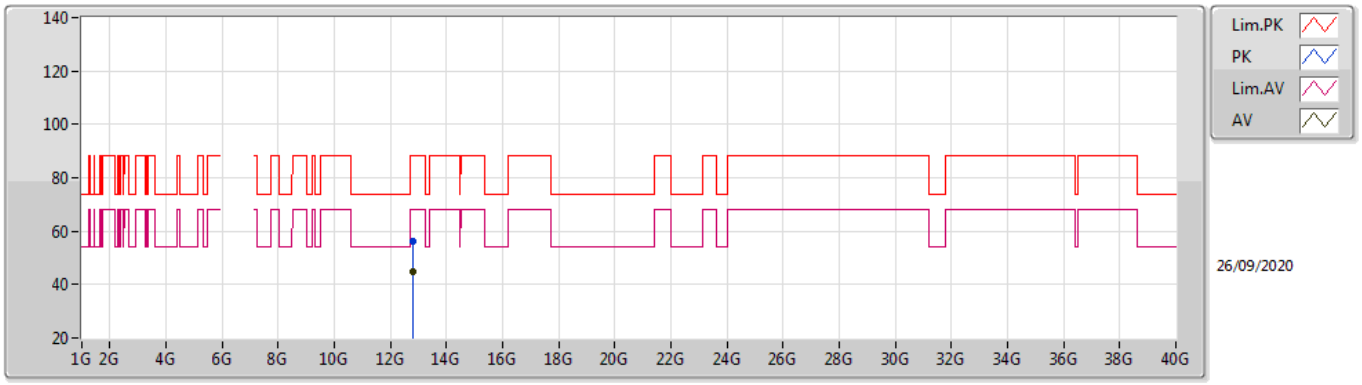


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.83948G	56.33	88.20	-31.87	42.44	3	Vertical	181	1.55	-	39.40	8.55	34.06
RMS	12.81536G	44.66	68.20	-23.54	30.77	3	Vertical	181	1.55	-	39.40	8.54	34.05

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

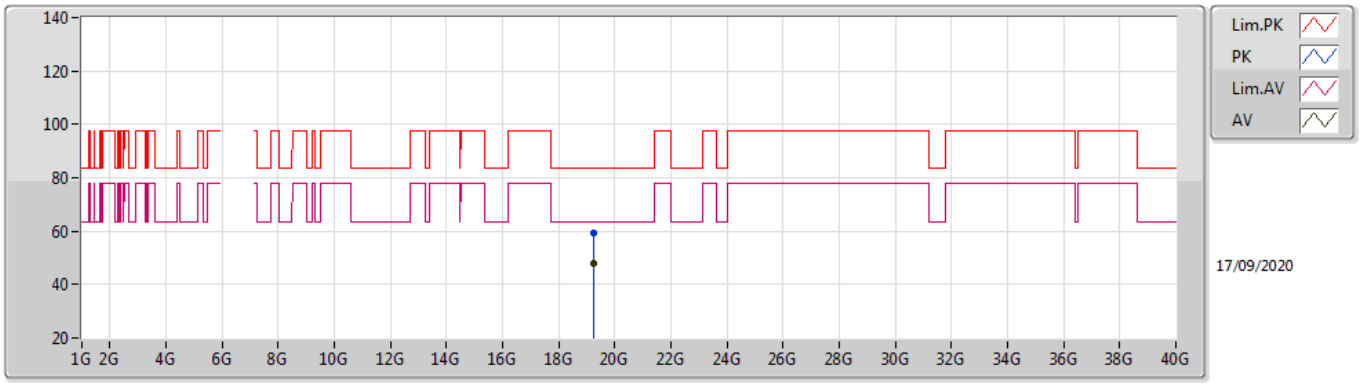


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.82454G	56.11	88.20	-32.09	42.21	3	Horizontal	151	1.91	-	39.40	8.55	34.05
RMS	12.81584G	44.65	68.20	-23.55	30.76	3	Horizontal	151	1.91	-	39.40	8.54	34.05

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

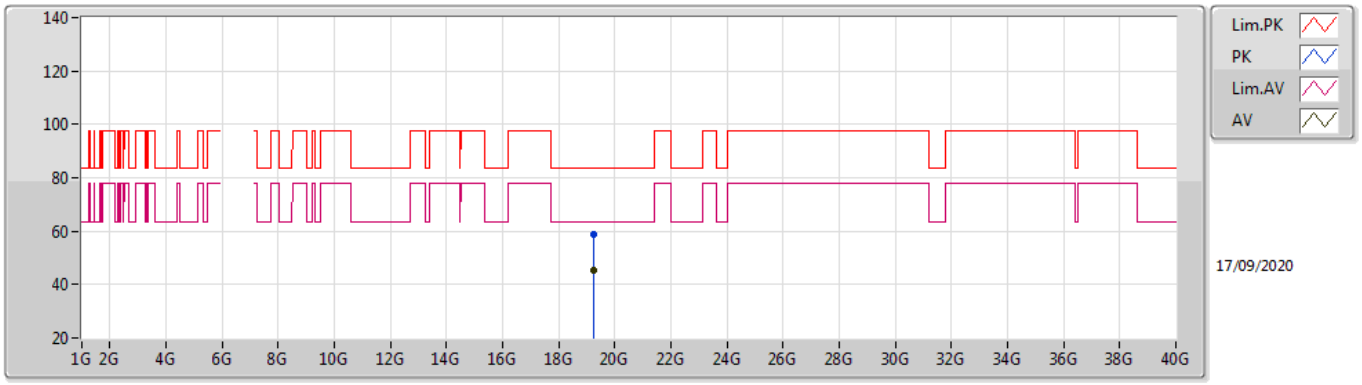


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.24488G	59.16	83.54	-24.38	56.86	1	Vertical	356	1.50	-	38.11	14.32	50.13
AV	19.24476G	48.05	63.54	-15.49	45.75	1	Vertical	356	1.50	-	38.11	14.32	50.13

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TX

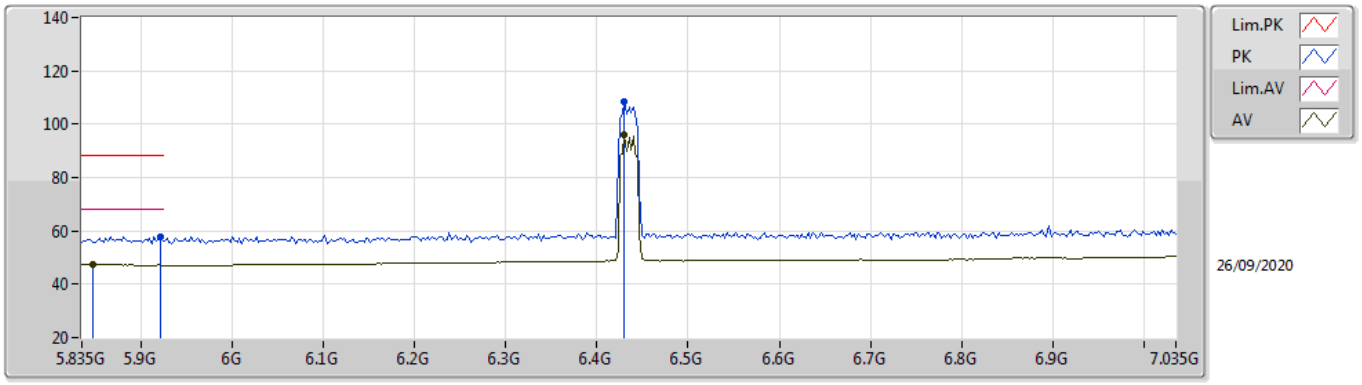


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.2446G	58.67	83.54	-24.87	56.37	1	Horizontal	10	1.50	-	38.11	14.32	50.13
AV	19.24476G	45.54	63.54	-18.00	43.24	1	Horizontal	10	1.50	-	38.11	14.32	50.13

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TX

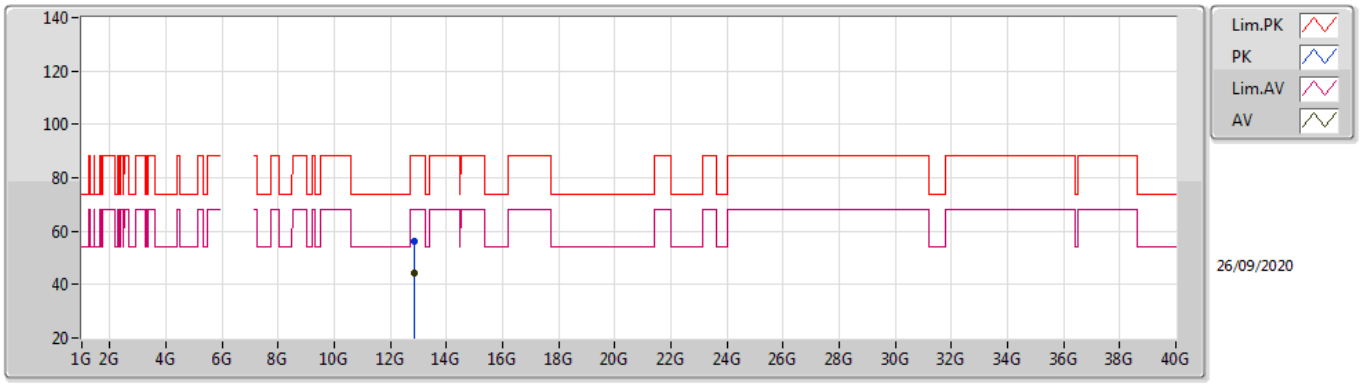


EUT Z_4TX
Setting 37
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9214G	57.70	88.20	-30.50	51.13	3	Vertical	309	1.80	-	32.30	5.94	31.67
RMS	5.847G	47.44	68.20	-20.76	40.97	3	Vertical	309	1.80	-	32.19	5.98	31.70
PK	6.4302G	108.21	Inf	-Inf	100.71	3	Vertical	309	1.80	-	33.62	6.15	32.27
RMS	6.4302G	96.11	Inf	-Inf	88.61	3	Vertical	309	1.80	-	33.62	6.15	32.27

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TX

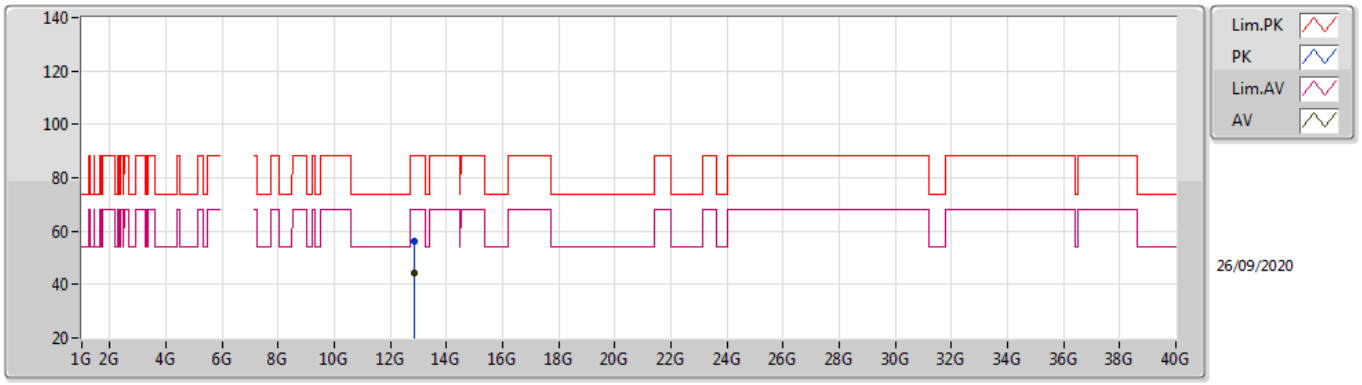


EUT Z_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.8754G	56.42	88.20	-31.78	42.53	3	Vertical	222	1.61	-	39.40	8.56	34.07
RMS	12.85524G	44.48	68.20	-23.72	30.58	3	Vertical	222	1.61	-	39.40	8.56	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TX

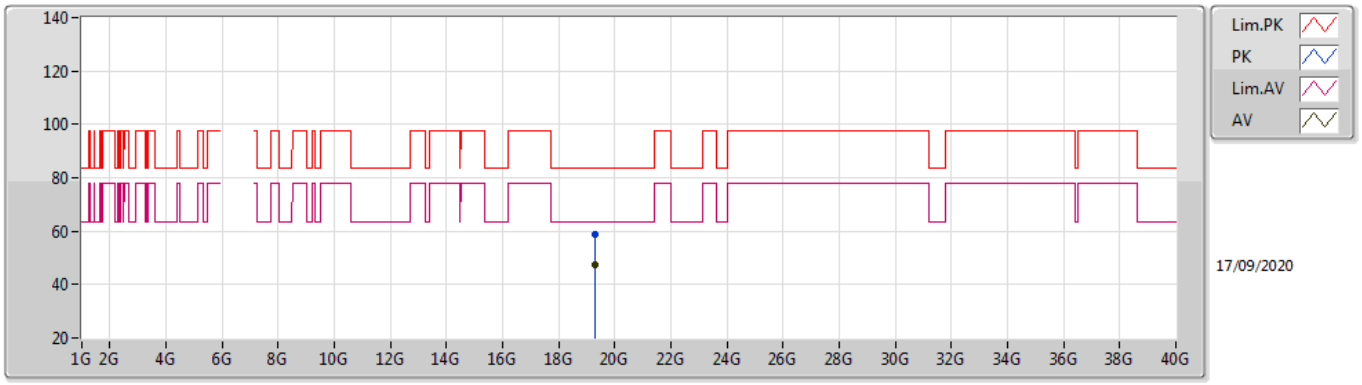


EUT Z_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.85638G	55.98	88.20	-32.22	42.08	3	Horizontal	351	1.70	-	39.40	8.56	34.06
RMS	12.85506G	44.36	68.20	-23.84	30.46	3	Horizontal	351	1.70	-	39.40	8.56	34.06

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TX

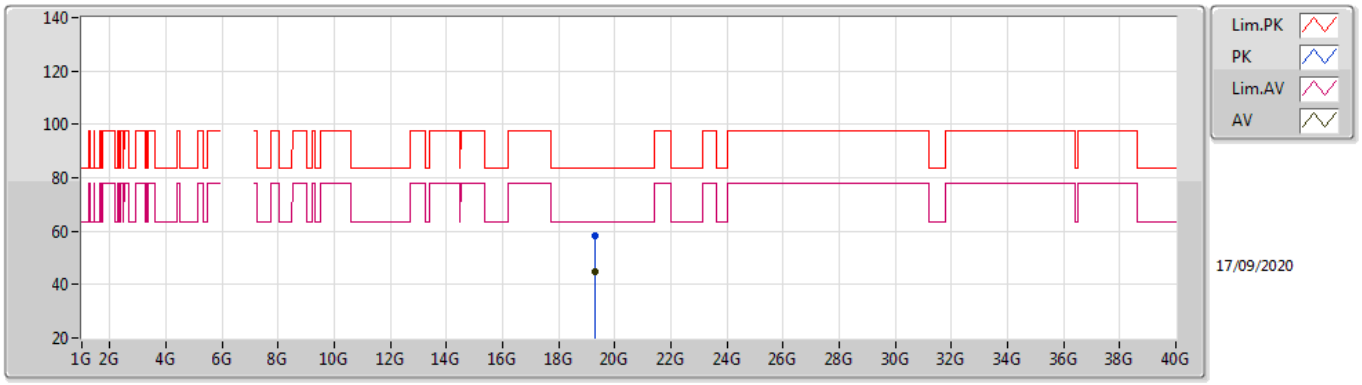


EUT Z_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.30468G	58.80	83.54	-24.74	56.55	1	Vertical	263	1.50	-	38.03	14.33	50.11
AV	19.3048G	47.50	63.54	-16.04	45.25	1	Vertical	263	1.50	-	38.03	14.33	50.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TX

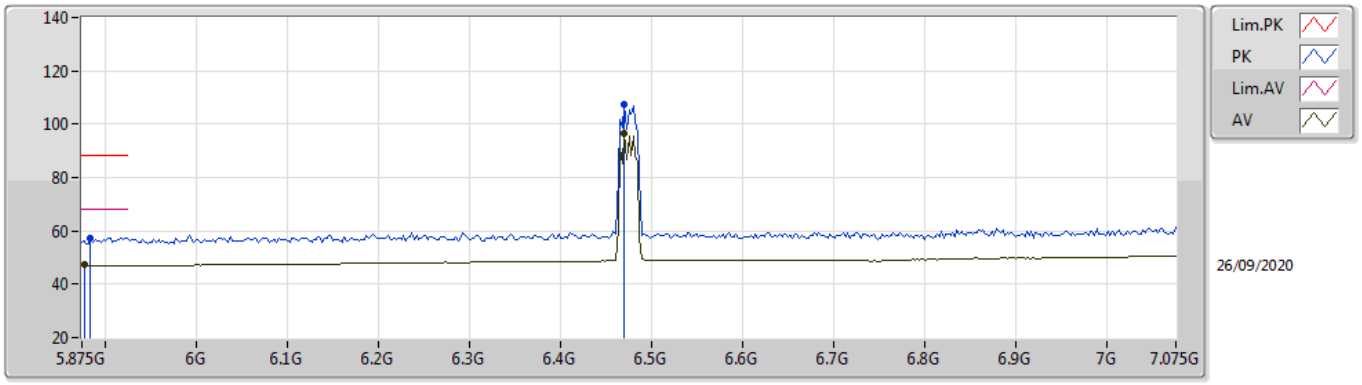


EUT Z_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.30768G	58.05	83.54	-25.49	55.80	1	Horizontal	266	1.50	-	38.03	14.33	50.11
AV	19.30484G	45.08	63.54	-18.46	42.83	1	Horizontal	266	1.50	-	38.03	14.33	50.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TX

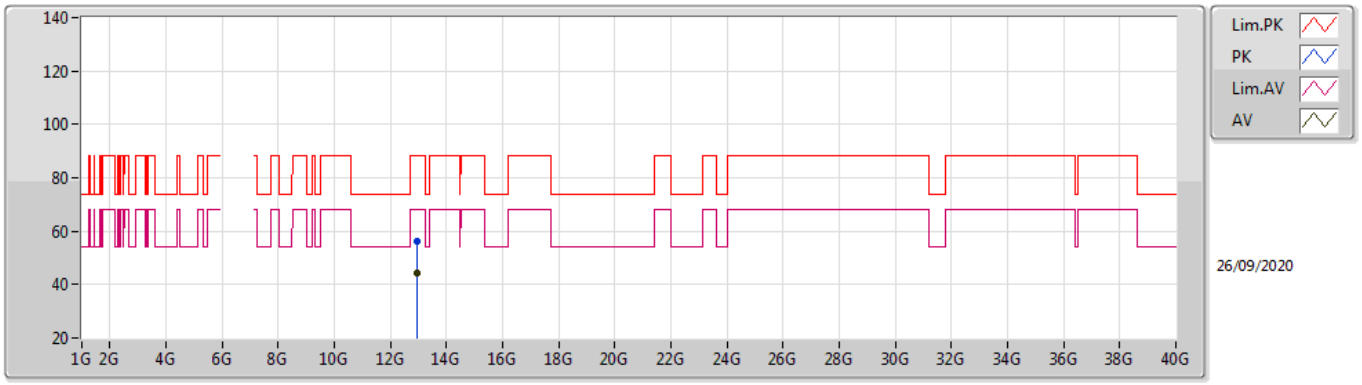


EUT Z_4TX
Setting 35
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8846G	57.25	88.20	-30.95	50.71	3	Vertical	307	1.72	-	32.27	5.96	31.69
RMS	5.8774G	47.26	68.20	-20.94	40.74	3	Vertical	307	1.72	-	32.25	5.96	31.69
PK	6.4702G	107.61	Inf	-Inf	99.95	3	Vertical	307	1.72	-	33.78	6.21	32.33
RMS	6.4702G	96.40	Inf	-Inf	88.74	3	Vertical	307	1.72	-	33.78	6.21	32.33

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TX

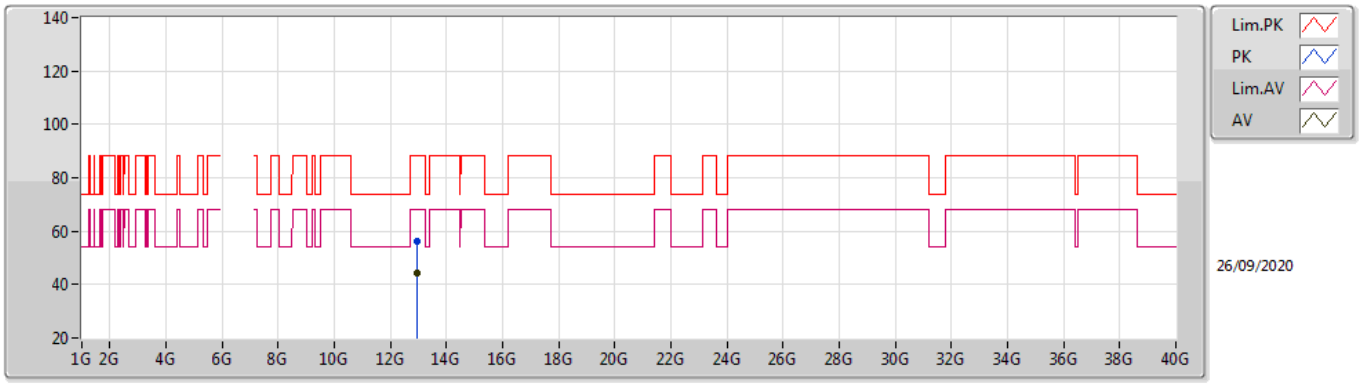


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.9641G	56.26	88.20	-31.94	42.31	3	Vertical	144	1.90	-	39.46	8.59	34.10
RMS	12.94964G	44.37	68.20	-23.83	30.43	3	Vertical	144	1.90	-	39.45	8.58	34.09

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TX

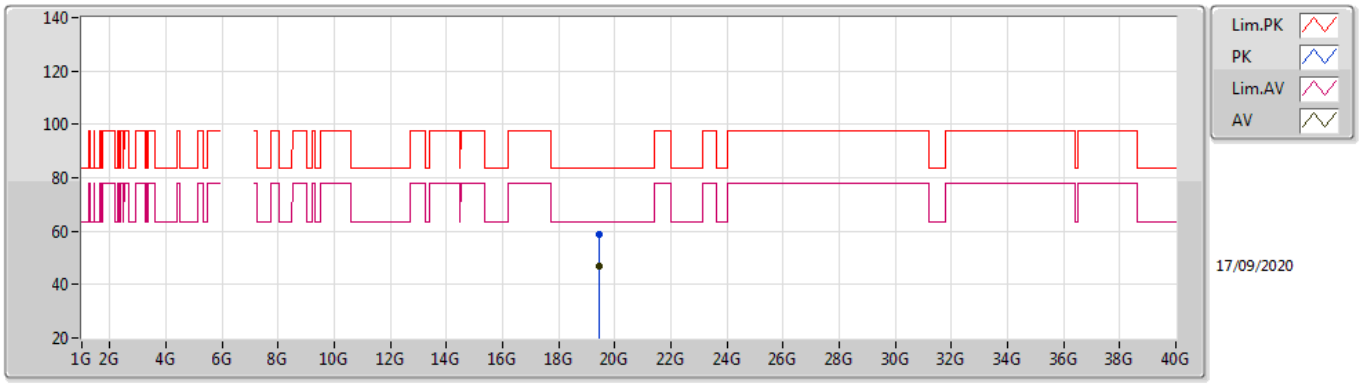


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.9692G	56.07	88.20	-32.13	42.11	3	Horizontal	190	1.77	-	39.47	8.59	34.10
RMS	12.96692G	44.42	68.20	-23.78	30.46	3	Horizontal	190	1.77	-	39.47	8.59	34.10

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TX

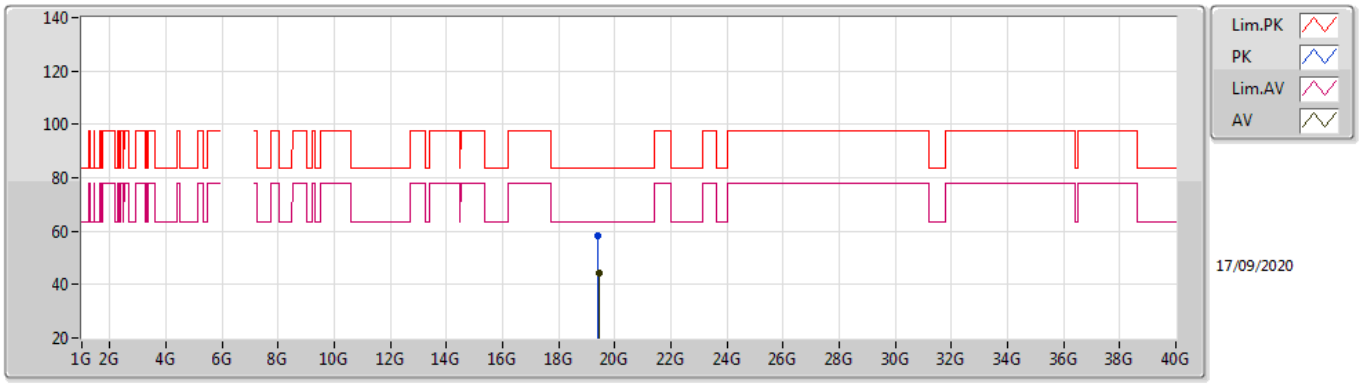


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.42728G	59.03	83.54	-24.51	56.87	1	Vertical	246	1.50	-	37.89	14.34	50.07
AV	19.4248G	46.86	63.54	-16.68	44.70	1	Vertical	246	1.50	-	37.89	14.34	50.07

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TX

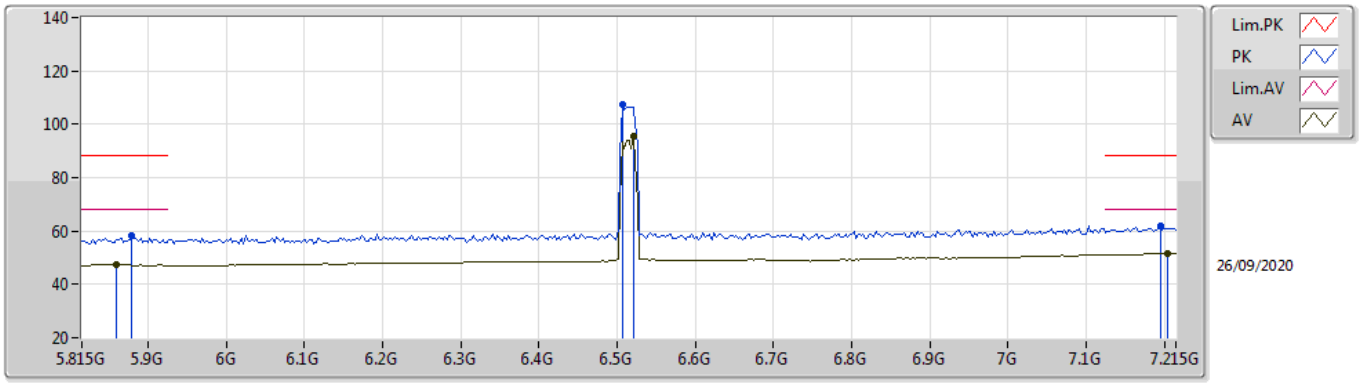


EUT Z_4TX
Setting 35
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.41592G	58.37	83.54	-25.17	56.21	1	Horizontal	314	1.50	-	37.90	14.34	50.08
AV	19.42456G	44.17	63.54	-19.37	42.01	1	Horizontal	314	1.50	-	37.89	14.34	50.07

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TX

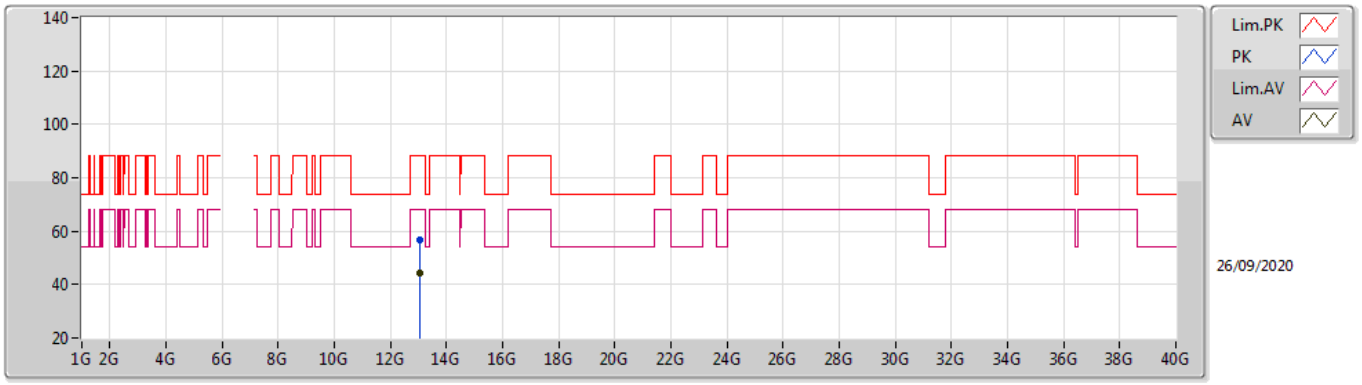


EUT Z_4TX
Setting 33
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8794G	58.16	88.20	-30.04	51.63	3	Vertical	283	1.80	-	32.26	5.96	31.69
RMS	5.8598G	47.41	68.20	-20.79	40.92	3	Vertical	283	1.80	-	32.22	5.97	31.70
PK	6.5066G	107.50	Inf	-Inf	99.69	3	Vertical	283	1.80	-	33.93	6.26	32.38
RMS	6.5206G	95.46	Inf	-Inf	87.60	3	Vertical	283	1.80	-	33.98	6.28	32.40
PK	7.1954G	61.78	88.20	-26.42	51.82	3	Vertical	283	1.80	-	36.17	6.89	33.10
RMS	7.2038G	51.74	68.20	-16.46	41.74	3	Vertical	283	1.80	-	36.21	6.90	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TX

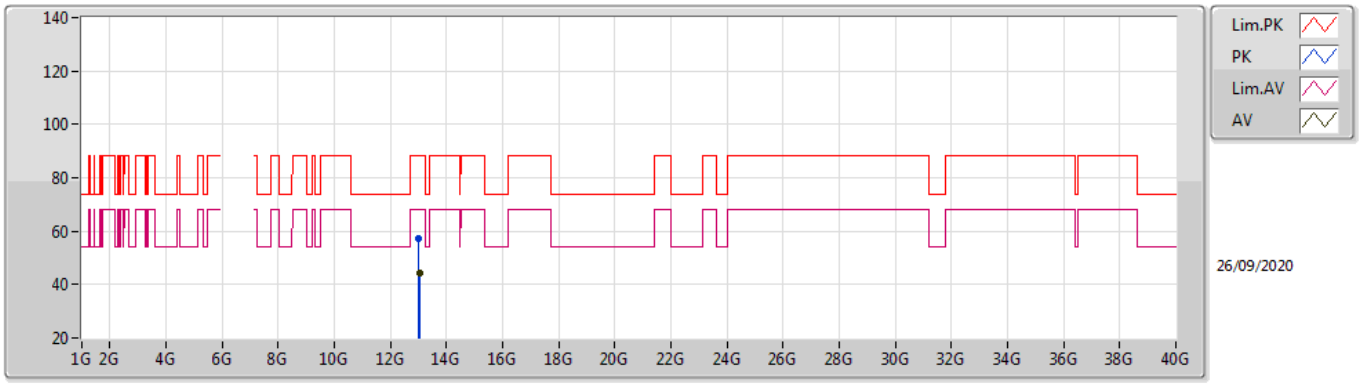


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.0408G	56.49	88.20	-31.71	42.49	3	Vertical	146	2.46	-	39.46	8.61	34.07
RMS	13.04098G	44.45	68.20	-23.75	30.45	3	Vertical	146	2.46	-	39.46	8.61	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TX

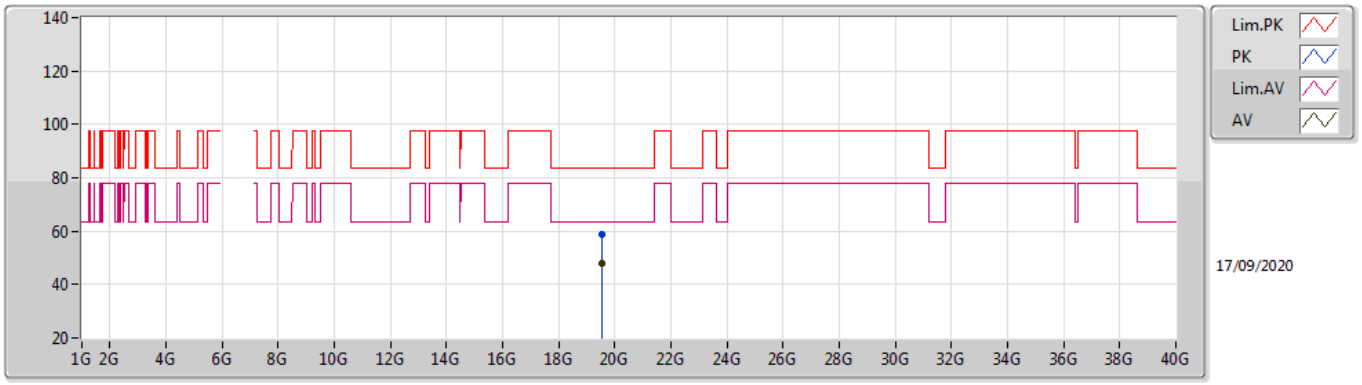


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.02268G	56.99	88.20	-31.21	42.99	3	Horizontal	108	1.39	-	39.48	8.61	34.09
RMS	13.04104G	44.45	68.20	-23.75	30.45	3	Horizontal	108	1.39	-	39.46	8.61	34.07

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TX

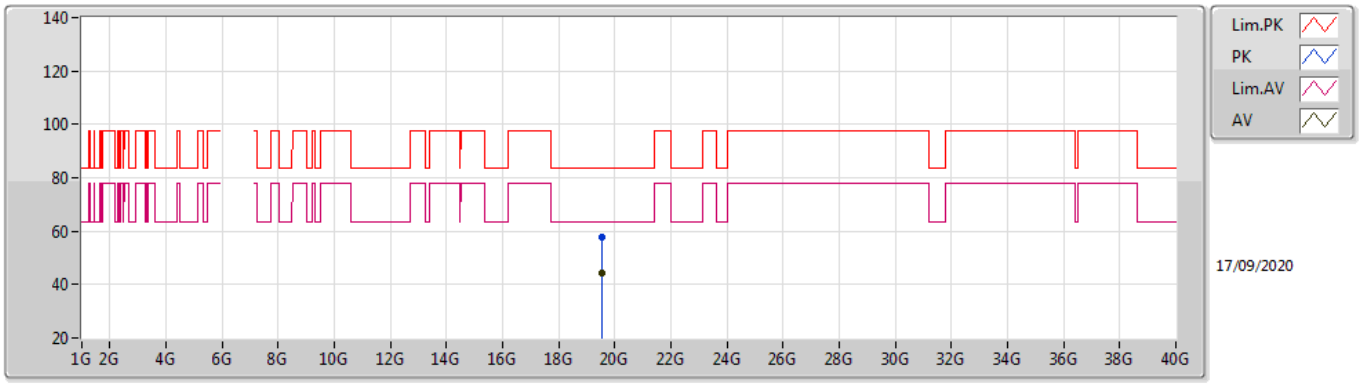


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.54442G	58.93	83.54	-24.61	56.86	1	Vertical	258	1.50	-	37.76	14.35	50.04
AV	19.54476G	47.68	63.54	-15.86	45.61	1	Vertical	258	1.50	-	37.76	14.35	50.04

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TX

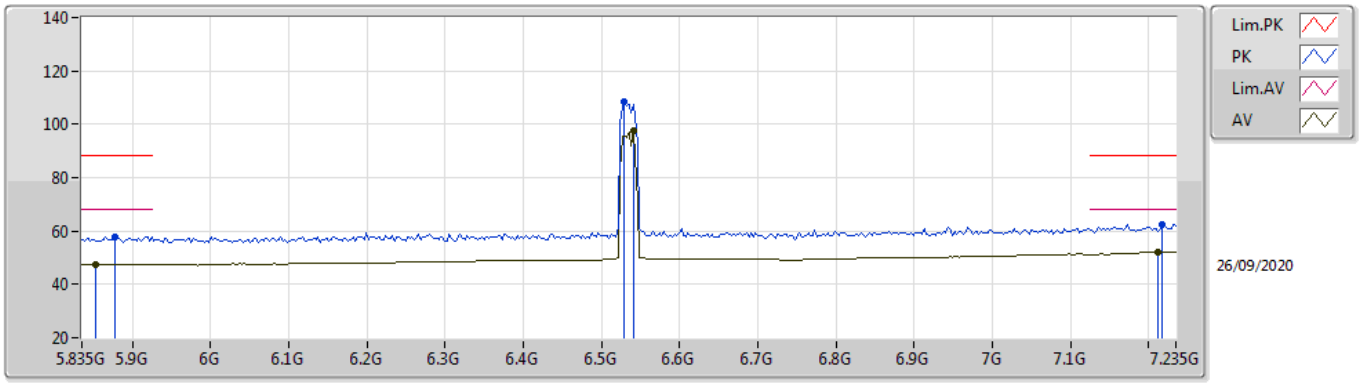


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.54482G	57.88	83.54	-25.66	55.81	1	Horizontal	267	1.50	-	37.76	14.35	50.04
AV	19.54476G	44.22	63.54	-19.32	42.15	1	Horizontal	267	1.50	-	37.76	14.35	50.04

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

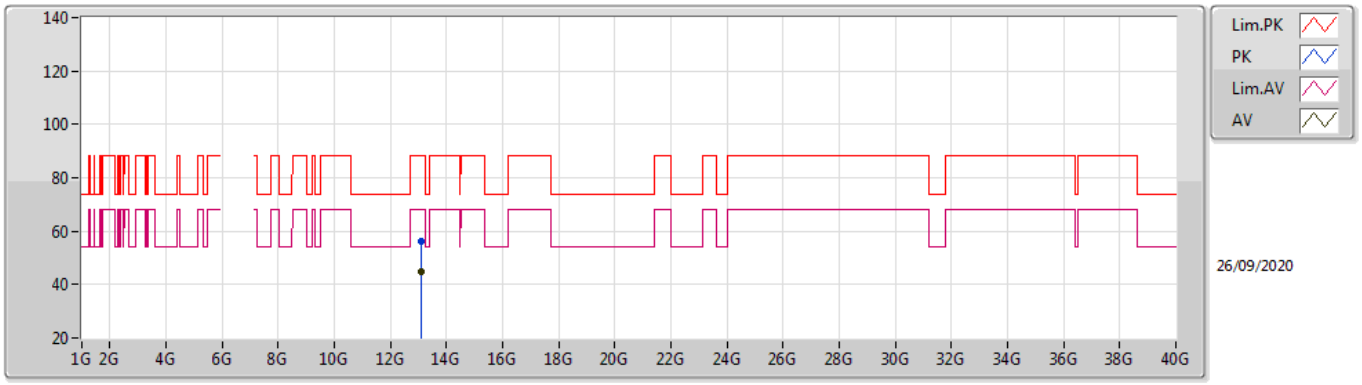


EUT Z_4TX
Setting 33
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.877G	57.98	88.20	-30.22	51.46	3	Vertical	283	1.38	-	32.25	5.96	31.69
RMS	5.8518G	47.56	68.20	-20.64	41.09	3	Vertical	283	1.38	-	32.20	5.97	31.70
PK	6.5294G	108.52	Inf	-Inf	100.62	3	Vertical	283	1.38	-	34.02	6.29	32.41
RMS	6.5406G	97.45	Inf	-Inf	89.50	3	Vertical	283	1.38	-	34.06	6.31	32.42
PK	7.2182G	62.54	88.20	-25.66	52.50	3	Vertical	283	1.38	-	36.24	6.91	33.11
RMS	7.2126G	52.13	68.20	-16.07	42.10	3	Vertical	283	1.38	-	36.23	6.91	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

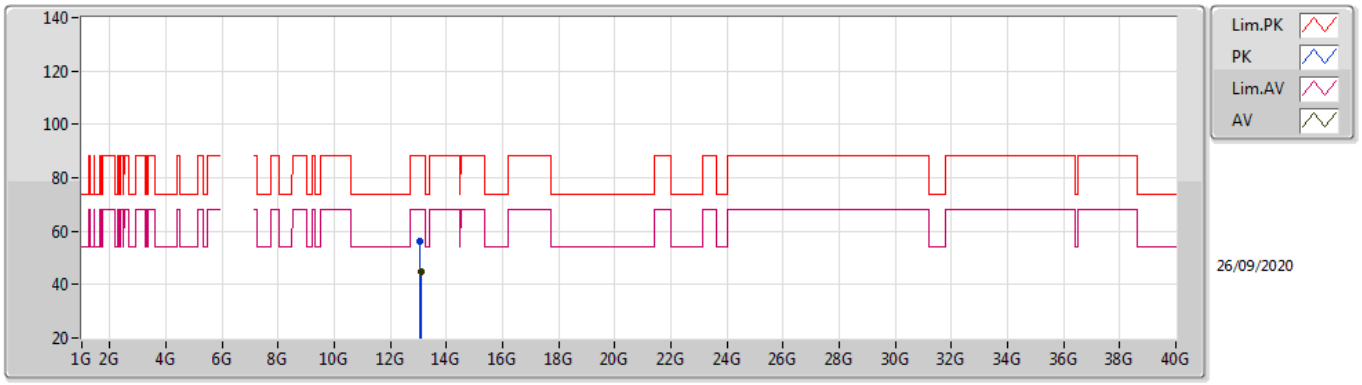


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.08434G	56.46	88.20	-31.74	42.45	3	Vertical	195	2.48	-	39.42	8.63	34.04
RMS	13.08026G	44.65	68.20	-23.55	30.65	3	Vertical	195	2.48	-	39.42	8.62	34.04

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

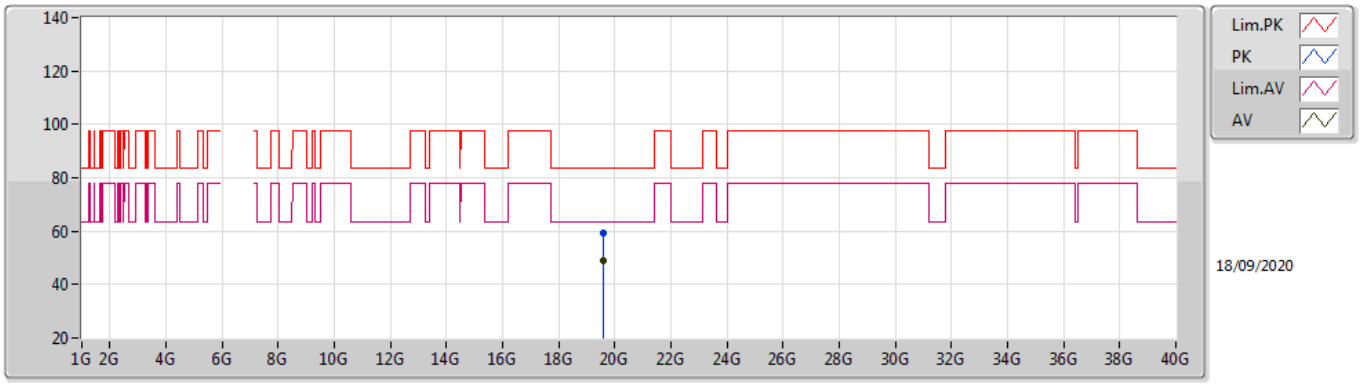


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.05752G	56.19	88.20	-32.01	42.19	3	Horizontal	165	1.42	-	39.44	8.62	34.06
RMS	13.08314G	44.63	68.20	-23.57	30.63	3	Horizontal	165	1.42	-	39.42	8.62	34.04

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

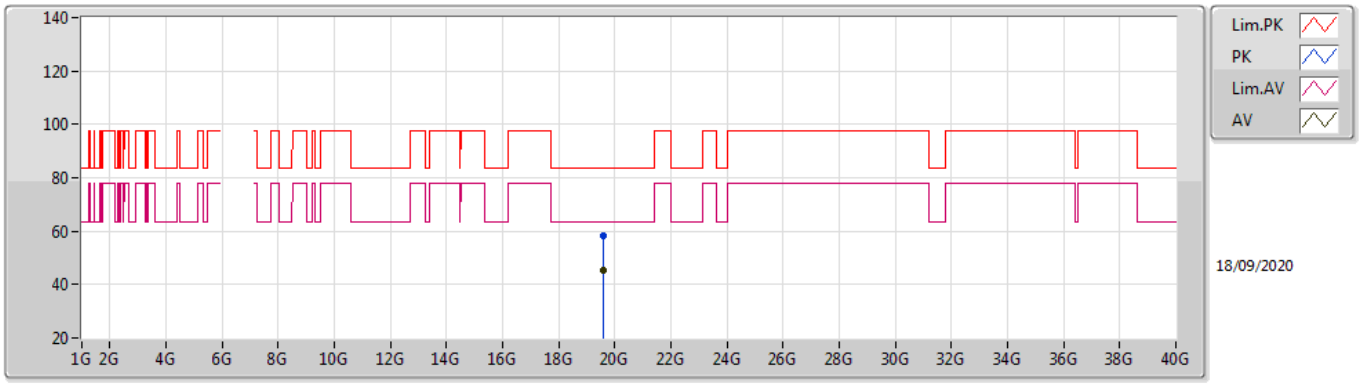


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.6049G	59.23	83.54	-24.31	57.17	1	Vertical	257	1.50	-	37.72	14.36	50.02
AV	19.60472G	48.73	63.54	-14.81	46.67	1	Vertical	257	1.50	-	37.72	14.36	50.02

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TX

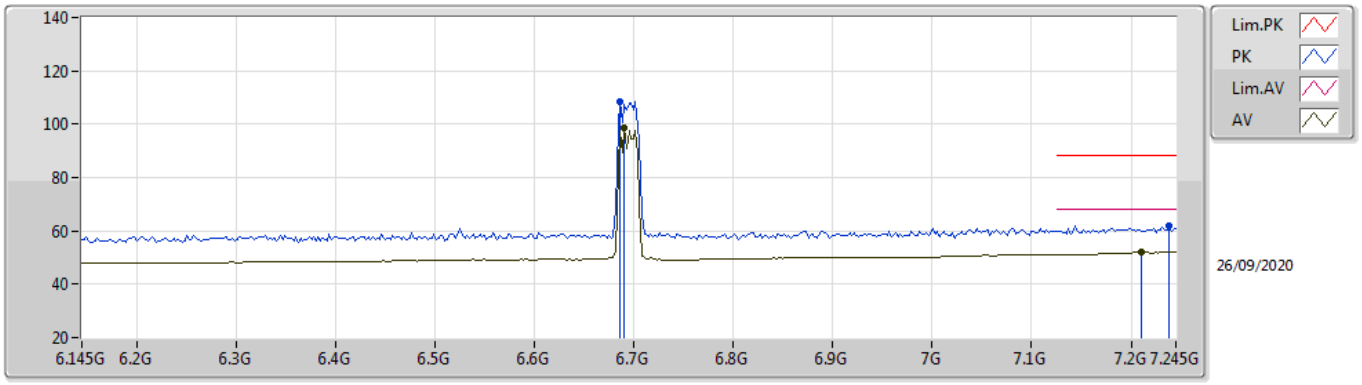


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.60086G	58.37	83.54	-25.17	56.31	1	Horizontal	294	1.50	-	37.72	14.36	50.02
AV	19.6048G	45.41	63.54	-18.13	43.35	1	Horizontal	294	1.50	-	37.72	14.36	50.02

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

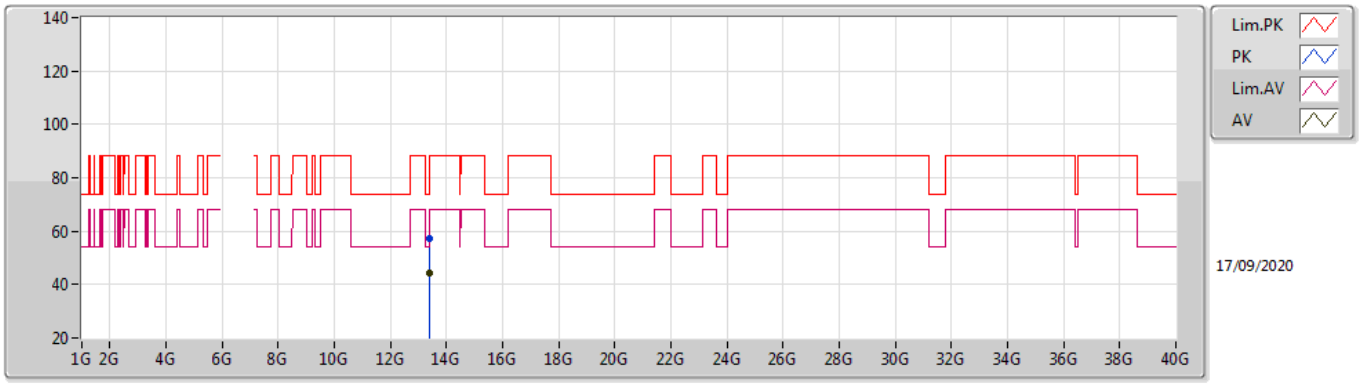


EUT Z_4TX
Setting 34
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.6862G	108.61	Inf	-Inf	100.76	3	Vertical	282	1.47	-	34.10	6.36	32.61
RMS	6.6906G	98.77	Inf	-Inf	90.93	3	Vertical	282	1.47	-	34.10	6.35	32.61
PK	7.2384G	61.92	88.20	-26.28	51.84	3	Vertical	282	1.47	-	36.28	6.92	33.12
RMS	7.2098G	51.93	68.20	-16.27	41.92	3	Vertical	282	1.47	-	36.22	6.90	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

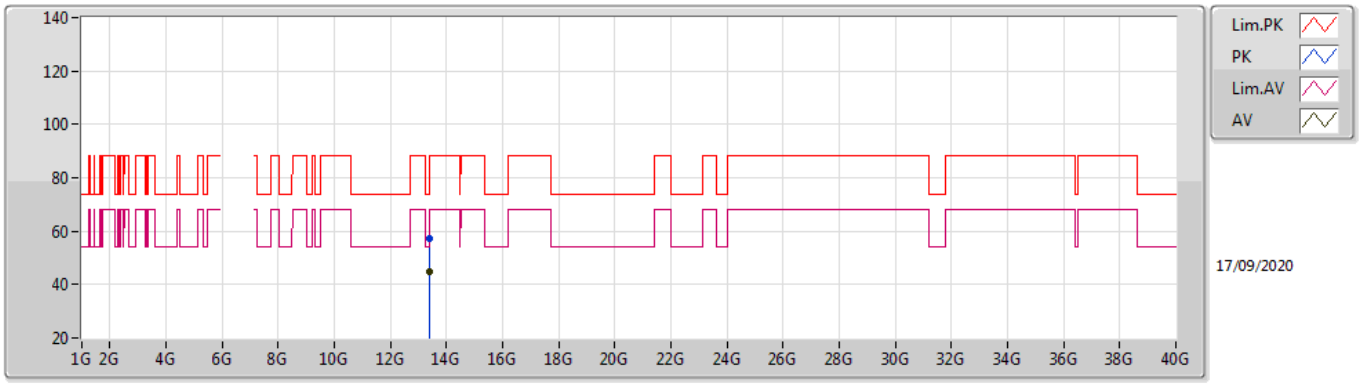


EUT Z_4TX
Setting 34
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.3966G	57.21	74.00	-16.79	41.97	3	Vertical	298	1.36	-	40.28	8.72	33.76
AV	13.37614G	44.56	54.00	-9.44	29.47	3	Vertical	298	1.36	-	40.16	8.71	33.78

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

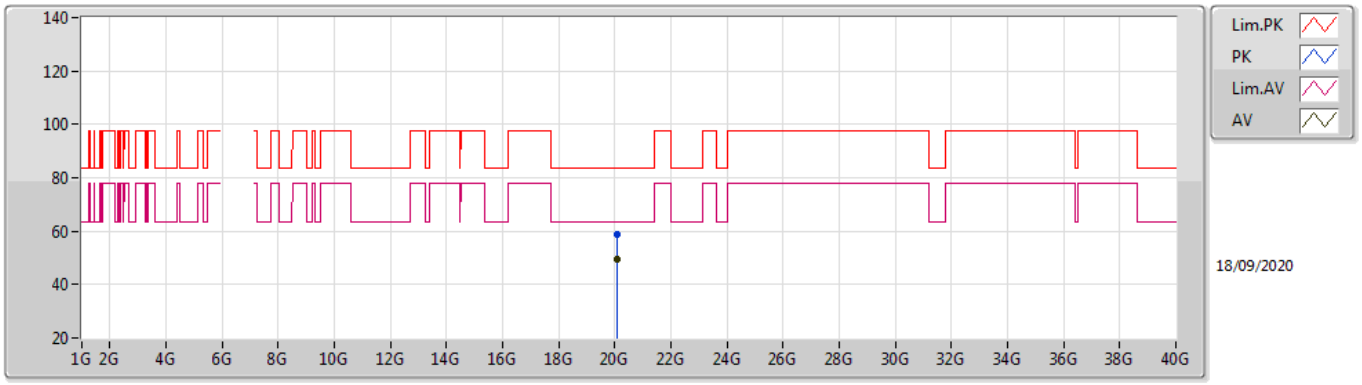


EUT Z_4TX
Setting 34
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.37578G	57.32	74.00	-16.68	42.24	3	Horizontal	258	1.73	-	40.15	8.71	33.78
AV	13.38062G	44.76	54.00	-9.24	29.65	3	Horizontal	258	1.73	-	40.18	8.71	33.78

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

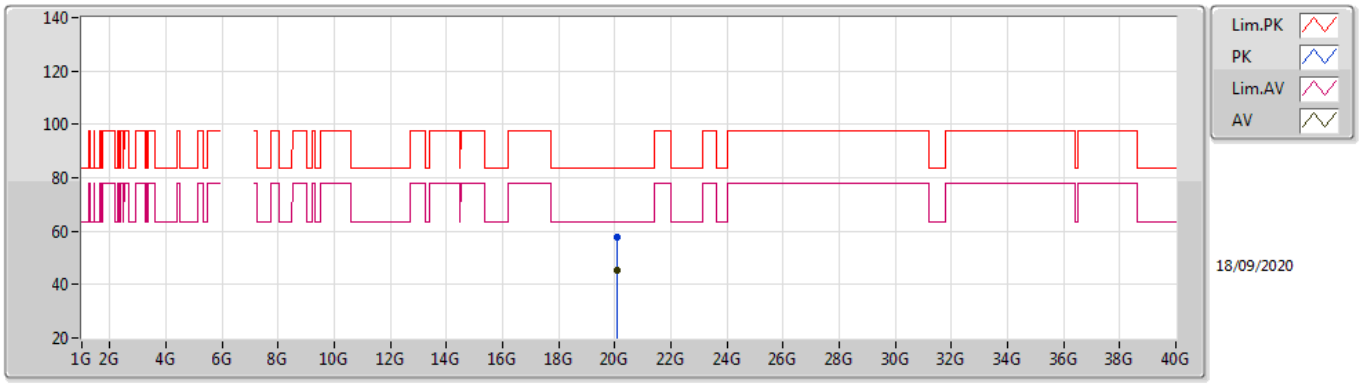


EUT Z_4TX
Setting 34
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.08484G	58.94	83.54	-24.60	56.95	1	Vertical	255	1.50	-	37.45	14.44	49.90
AV	20.08474G	49.55	63.54	-13.99	47.56	1	Vertical	255	1.50	-	37.45	14.44	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX

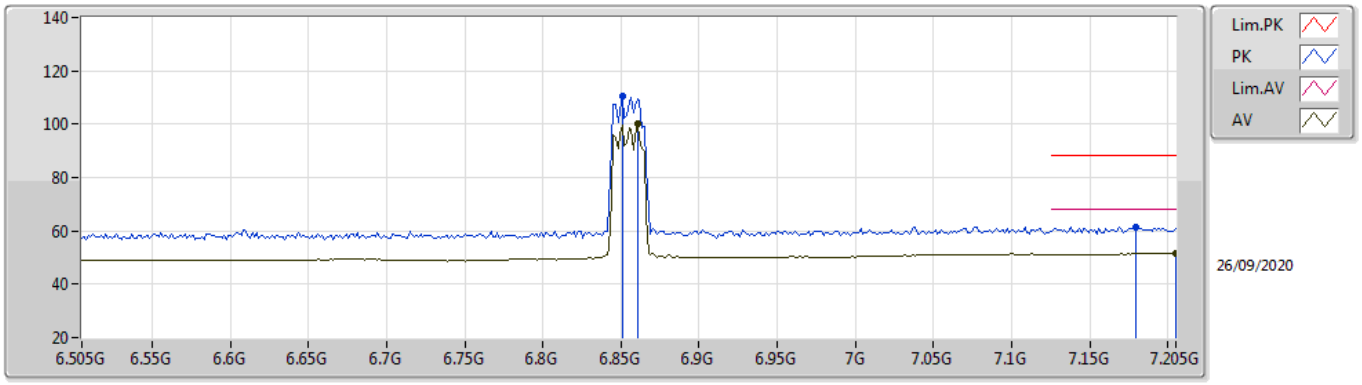


EUT Z_4TX
Setting 34
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.081G	57.65	83.54	-25.89	55.66	1	Horizontal	272	1.50	-	37.45	14.44	49.90
AV	20.08468G	45.18	63.54	-18.36	43.19	1	Horizontal	272	1.50	-	37.45	14.44	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TX

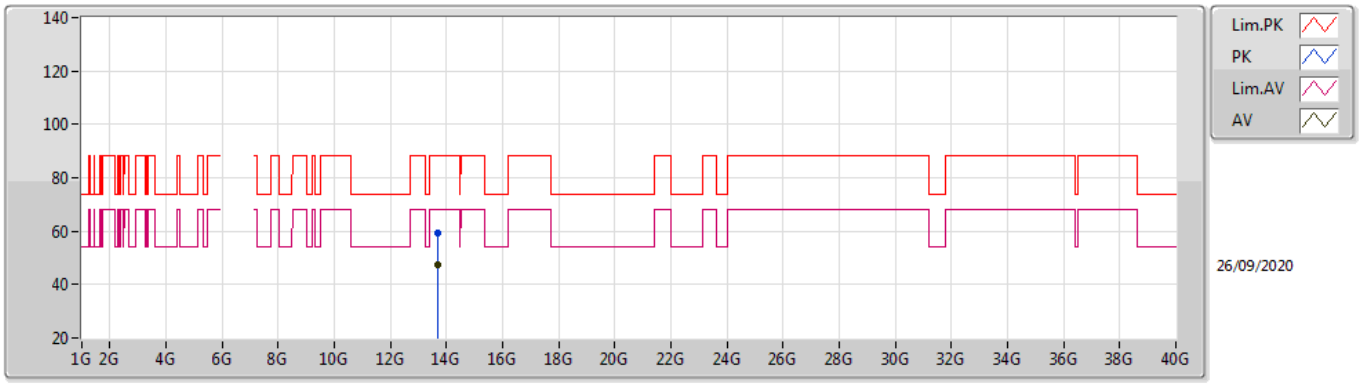


EUT Z_4TX
Setting 40
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8508G	110.46	Inf	-Inf	102.30	3	Vertical	350	1.36	-	34.60	6.38	32.82
RMS	6.8606G	100.26	Inf	-Inf	92.06	3	Vertical	350	1.36	-	34.64	6.39	32.83
PK	7.1798G	61.36	88.20	-26.84	51.51	3	Vertical	350	1.36	-	36.08	6.87	33.10
RMS	7.205G	51.71	68.20	-16.49	41.71	3	Vertical	350	1.36	-	36.21	6.90	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TX

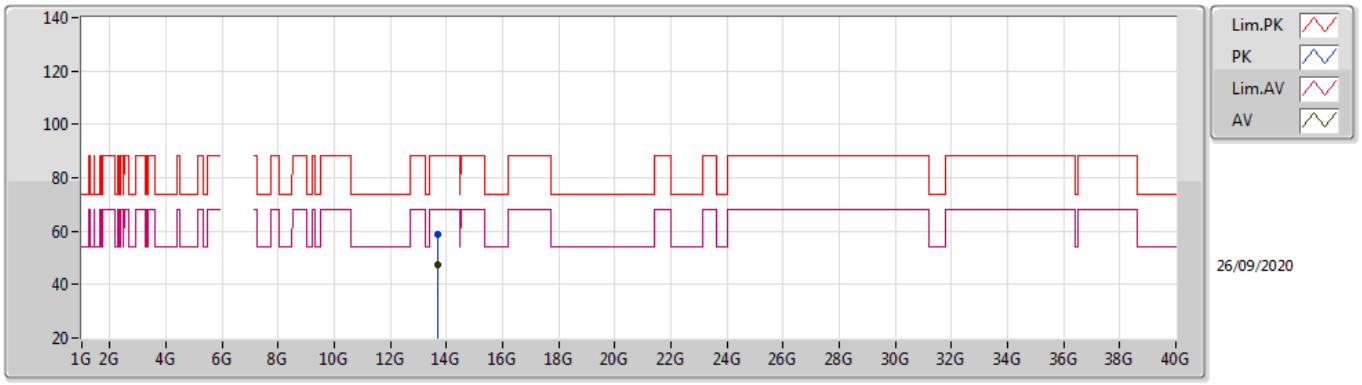


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.7016G	59.28	88.20	-28.92	44.02	3	Vertical	17	1.53	-	40.30	8.81	33.85
RMS	13.70988G	47.66	68.20	-20.54	32.41	3	Vertical	17	1.53	-	40.30	8.81	33.86

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TX

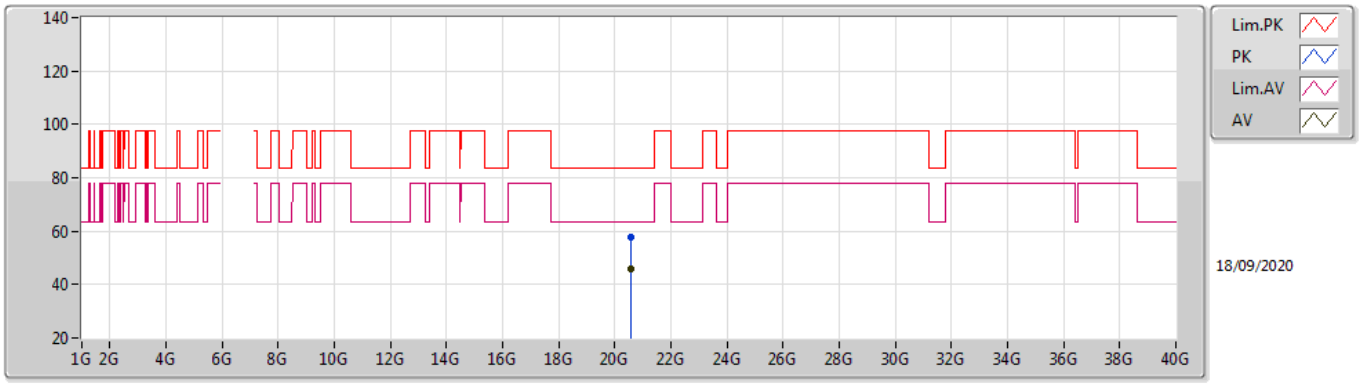


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.69932G	58.90	88.20	-29.30	43.64	3	Horizontal	128	1.25	-	40.30	8.81	33.85
RMS	13.7097G	47.66	68.20	-20.54	32.41	3	Horizontal	128	1.25	-	40.30	8.81	33.86

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TX

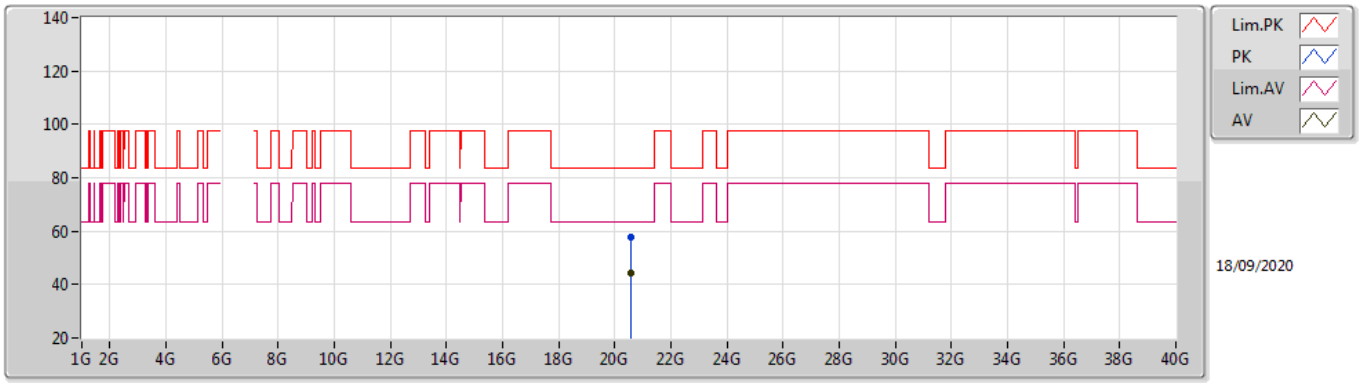


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.56676G	58.01	83.54	-25.53	55.48	1	Vertical	280	1.50	-	37.77	14.66	49.90
AV	20.56476G	45.89	63.54	-17.65	43.38	1	Vertical	280	1.50	-	37.76	14.65	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TX

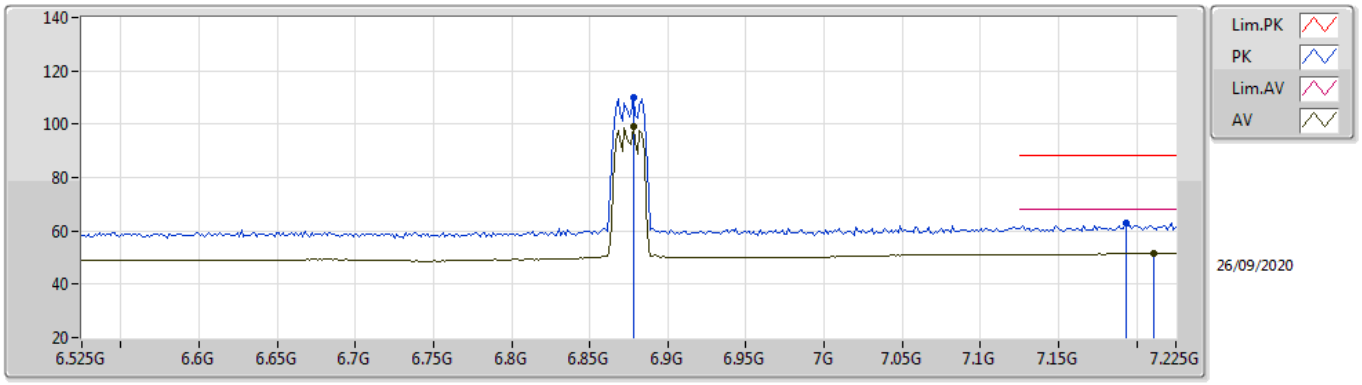


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.56364G	57.92	83.54	-25.62	55.41	1	Horizontal	4	1.50	-	37.76	14.65	49.90
AV	20.56516G	44.33	63.54	-19.21	41.81	1	Horizontal	4	1.50	-	37.77	14.65	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TX

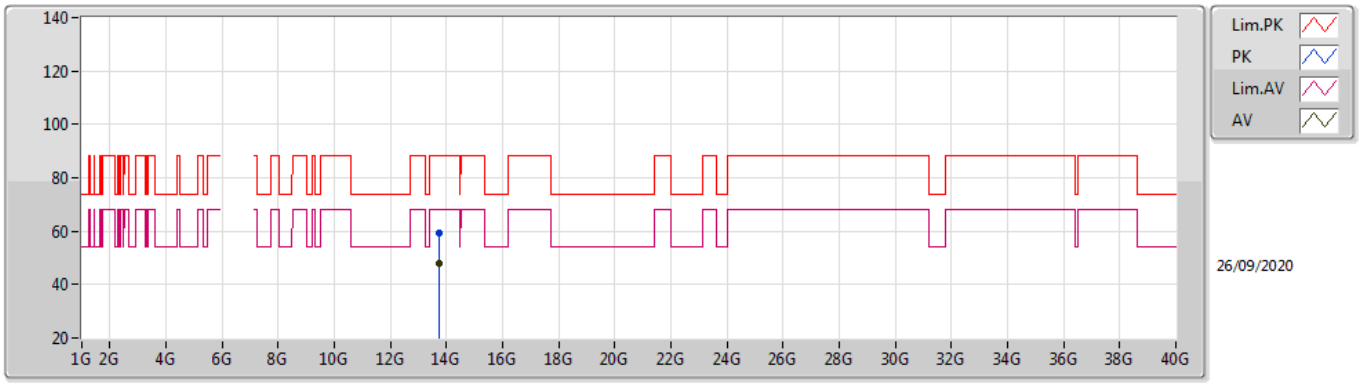


EUT Z_4TX
Setting 39
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8778G	109.88	Inf	-Inf	101.60	3	Vertical	46	1.64	-	34.71	6.42	32.85
RMS	6.8778G	99.29	Inf	-Inf	91.01	3	Vertical	46	1.64	-	34.71	6.42	32.85
PK	7.1928G	63.08	88.20	-25.12	53.13	3	Vertical	46	1.64	-	36.16	6.89	33.10
RMS	7.211G	51.75	68.20	-16.45	41.73	3	Vertical	46	1.64	-	36.22	6.91	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TX

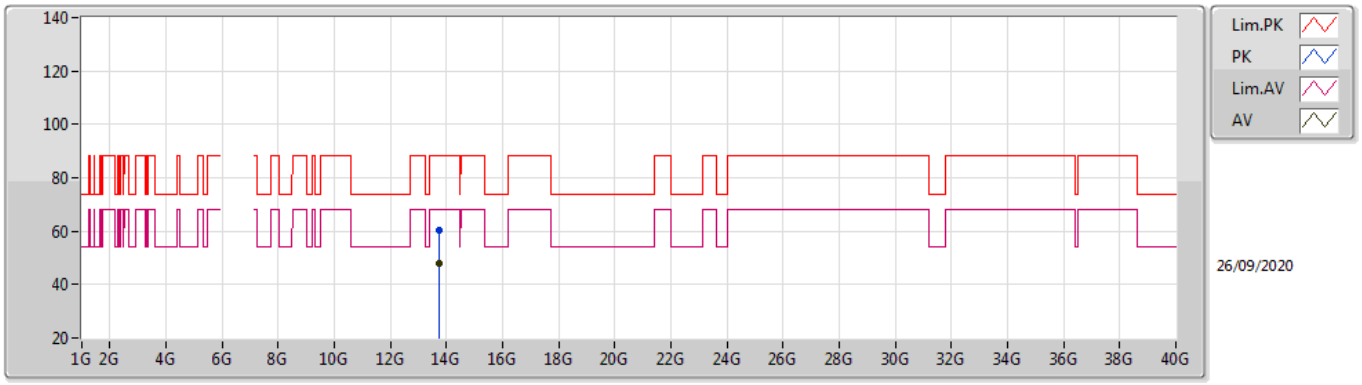


EUT Z_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.73632G	59.27	88.20	-28.93	44.03	3	Vertical	175	1.05	-	40.30	8.82	33.88
RMS	13.74988G	48.02	68.20	-20.18	32.79	3	Vertical	175	1.05	-	40.30	8.82	33.89

802.11ax HEW20_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TX

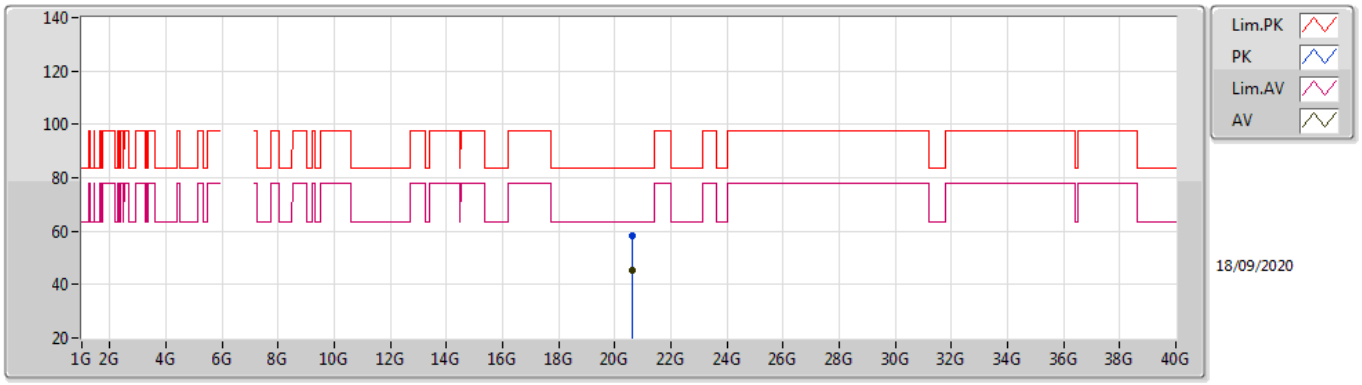


EUT Z_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.7416G	60.18	88.20	-28.02	44.95	3	Horizontal	152	1.10	-	40.30	8.82	33.89
RMS	13.74976G	48.03	68.20	-20.17	32.80	3	Horizontal	152	1.10	-	40.30	8.82	33.89

802.11ax HEW20_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TX

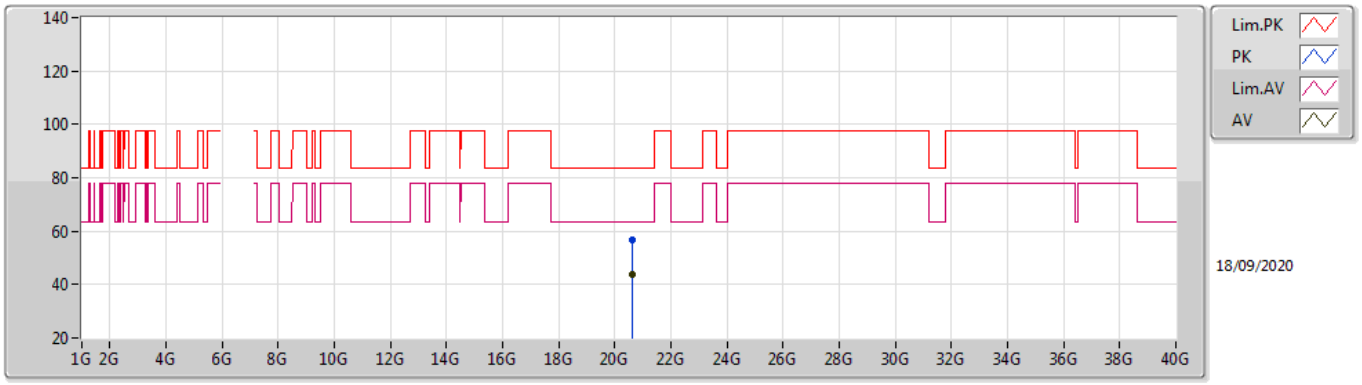


EUT Z_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.62724G	58.02	83.54	-25.52	55.41	1	Vertical	281	1.50	-	37.83	14.68	49.90
AV	20.6247G	45.44	63.54	-18.10	42.84	1	Vertical	281	1.50	-	37.82	14.68	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TX

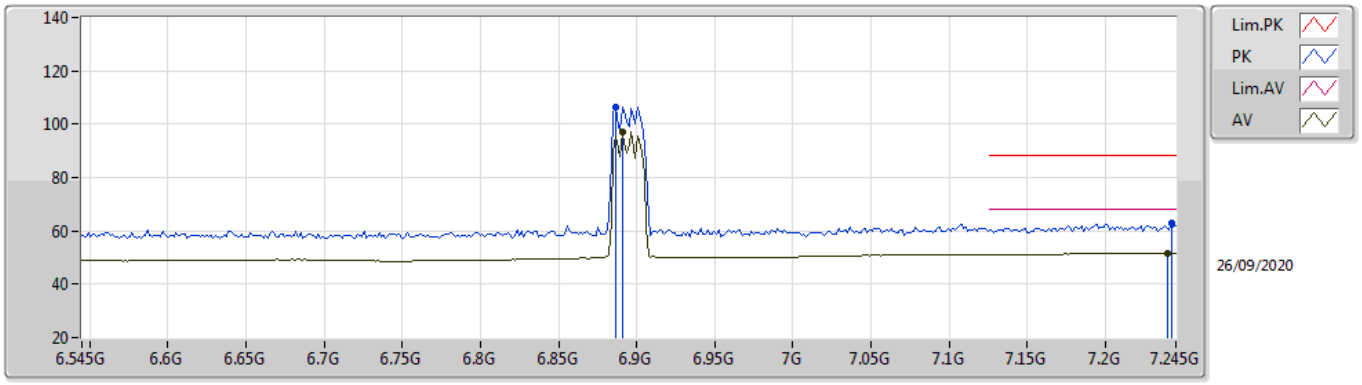


EUT Z_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.62628G	56.90	83.54	-26.64	54.29	1	Horizontal	5	1.50	-	37.83	14.68	49.90
AV	20.62556G	43.95	63.54	-19.59	41.34	1	Horizontal	5	1.50	-	37.83	14.68	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TX

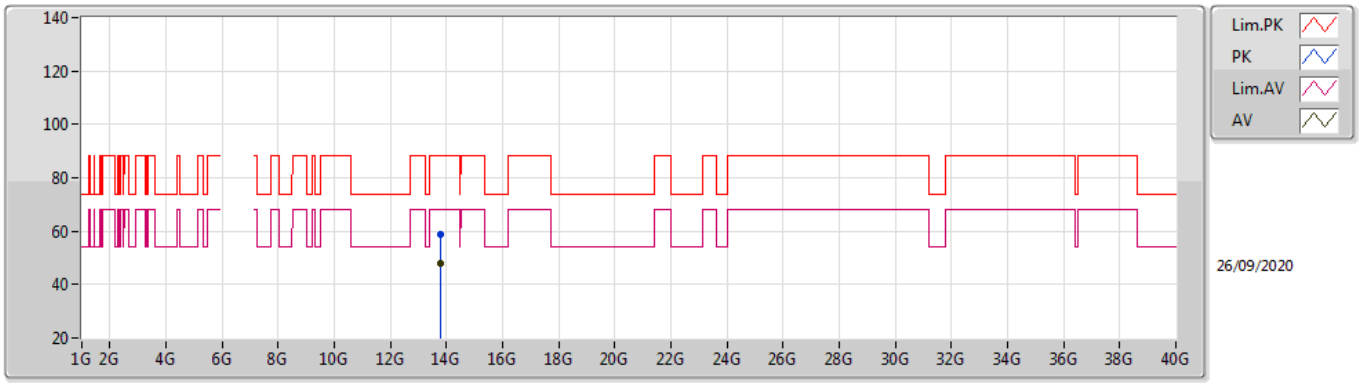


EUT Z_4TX
Setting 33
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8866G	106.59	Inf	-Inf	98.27	3	Vertical	13	1.03	-	34.75	6.43	32.86
RMS	6.8908G	97.17	Inf	-Inf	88.84	3	Vertical	13	1.03	-	34.76	6.44	32.87
PK	7.2422G	62.94	88.20	-25.26	52.87	3	Vertical	13	1.03	-	36.28	6.92	33.13
RMS	7.2394G	51.79	68.20	-16.41	41.71	3	Vertical	13	1.03	-	36.28	6.92	33.12

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TX

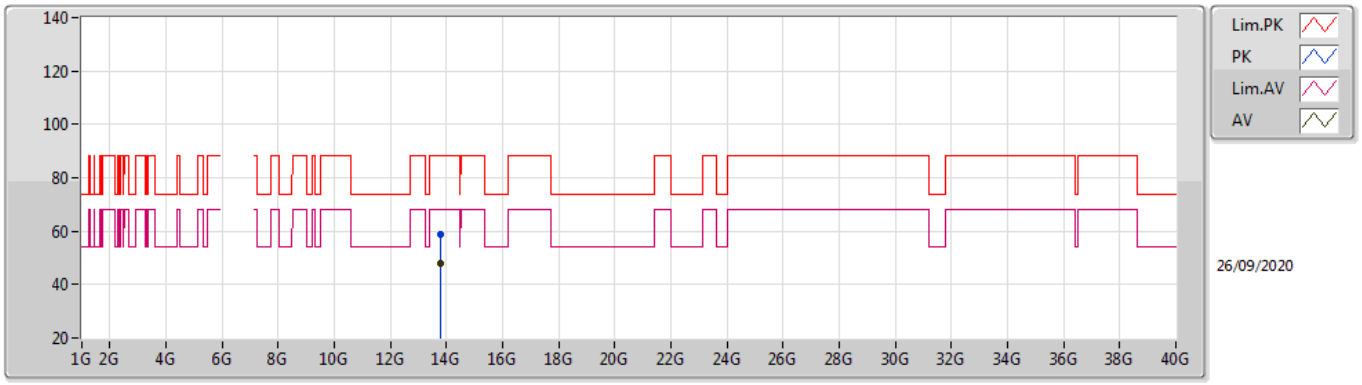


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.8032G	58.88	88.20	-29.32	43.67	3	Vertical	5	2.00	-	40.31	8.84	33.94
RMS	13.78994G	47.72	68.20	-20.48	32.51	3	Vertical	5	2.00	-	40.30	8.84	33.93

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TX

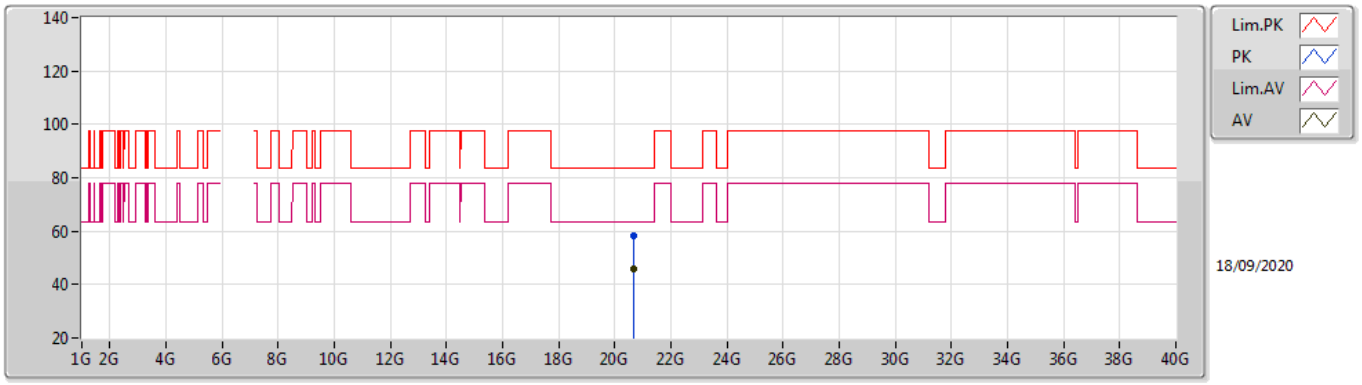


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.7948G	59.05	88.20	-29.15	43.85	3	Horizontal	214	1.57	-	40.30	8.84	33.94
RMS	13.78982G	47.75	68.20	-20.45	32.54	3	Horizontal	214	1.57	-	40.30	8.84	33.93

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TX

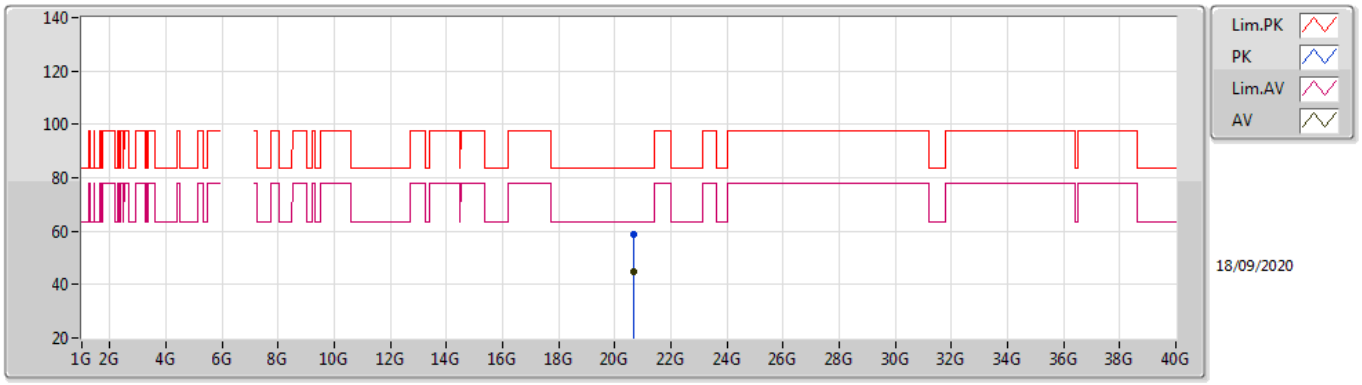


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.68592G	58.06	83.54	-25.48	55.36	1	Vertical	280	1.50	-	37.89	14.71	49.90
AV	20.68468G	45.68	63.54	-17.86	42.99	1	Vertical	280	1.50	-	37.88	14.71	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TX

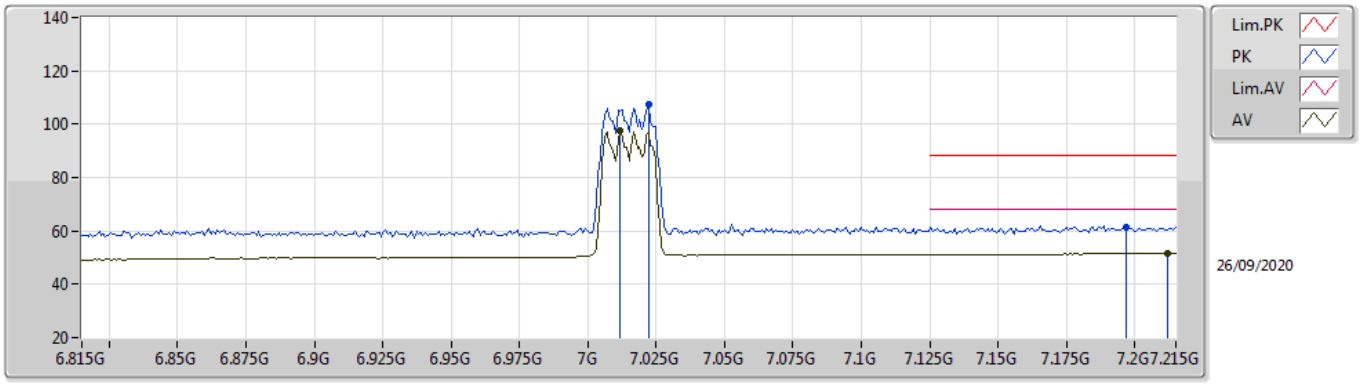


EUT Z_4TX
Setting 33
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	20.6872G	58.91	83.54	-24.63	56.21	1	Horizontal	183	1.50	-	37.89	14.71	49.90
AV	20.68478G	44.69	63.54	-18.85	42.00	1	Horizontal	183	1.50	-	37.88	14.71	49.90

802.11ax HEW20_Nss1,(MCS0)_4TX

7015MHz_TX

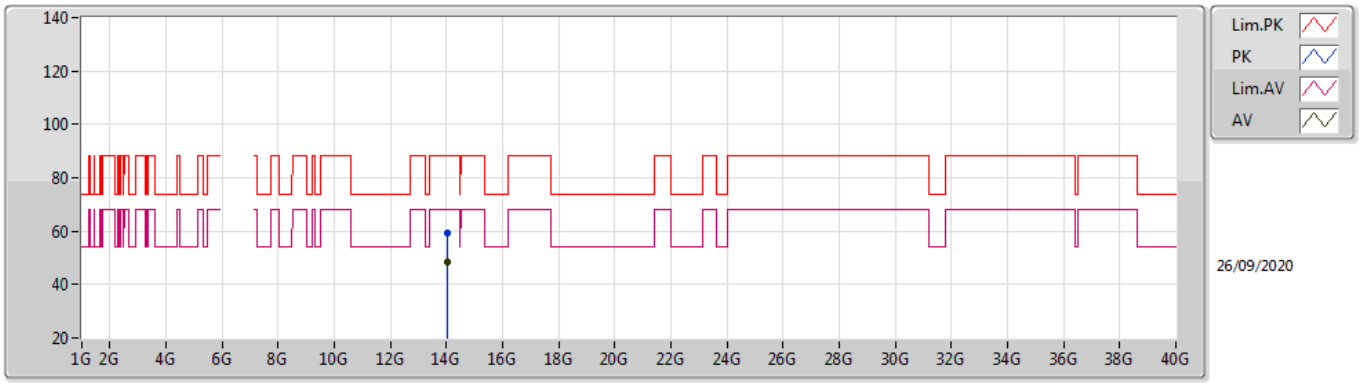


EUT Z_4TX
Setting 32
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.0222G	107.30	Inf	-Inf	98.41	3	Vertical	360	1.80	-	35.28	6.63	33.02
RMS	7.0118G	97.61	Inf	-Inf	88.82	3	Vertical	360	1.80	-	35.19	6.62	33.02
PK	7.1966G	61.27	88.20	-26.93	51.30	3	Vertical	360	1.80	-	36.18	6.89	33.10
RMS	7.2118G	51.63	68.20	-16.57	41.61	3	Vertical	360	1.80	-	36.22	6.91	33.11

802.11ax HEW20_Nss1,(MCS0)_4TX

7015MHz_TX

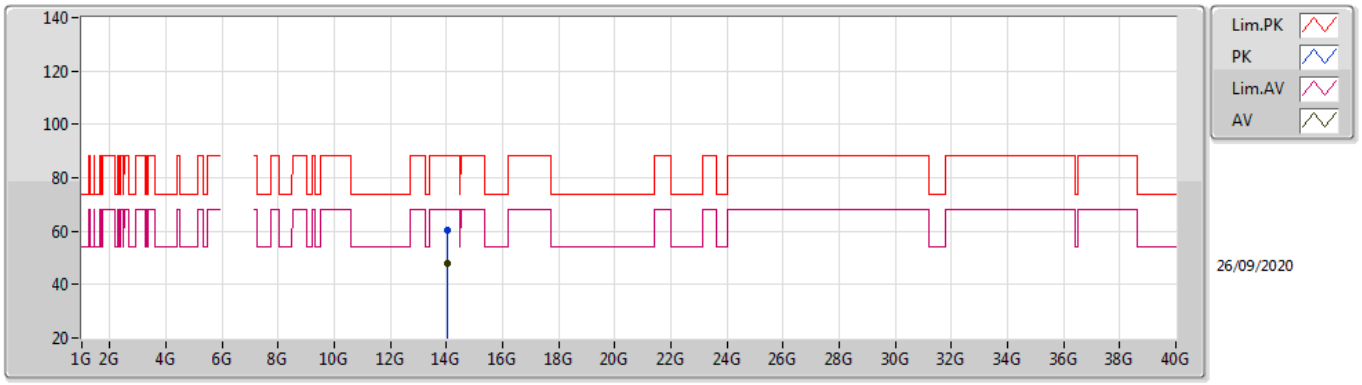


EUT Z_4TX
Setting 32
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.04302G	59.37	88.20	-28.83	43.88	3	Vertical	74	1.71	-	40.69	8.90	34.10
RMS	14.02982G	48.29	68.20	-19.91	32.84	3	Vertical	74	1.71	-	40.66	8.90	34.11

802.11ax HEW20_Nss1,(MCS0)_4TX

7015MHz_TX

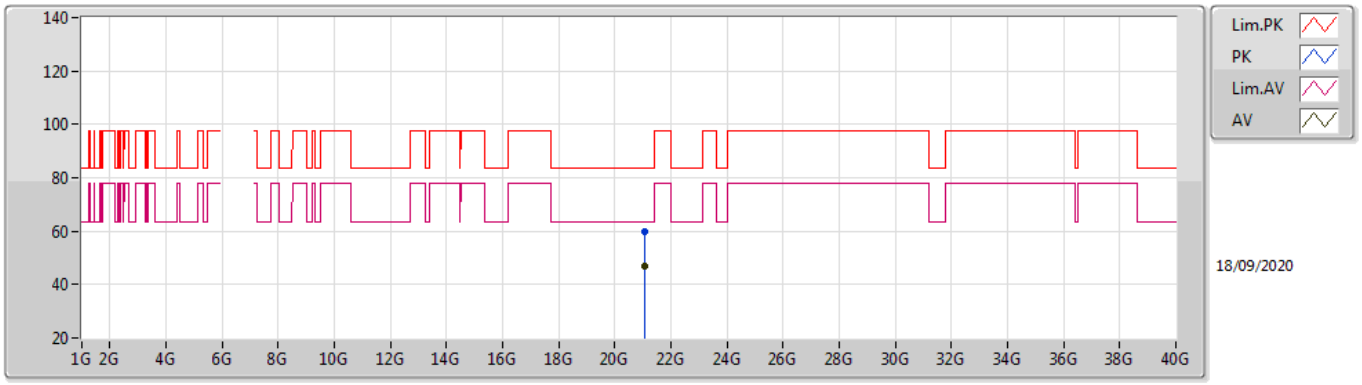


EUT Z_4TX
Setting 32
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.03666G	60.43	88.20	-27.77	44.96	3	Horizontal	91	1.78	-	40.67	8.90	34.10
RMS	14.02982G	48.16	68.20	-20.04	32.71	3	Horizontal	91	1.78	-	40.66	8.90	34.11

802.11ax HEW20_Nss1,(MCS0)_4TX

7015MHz_TX

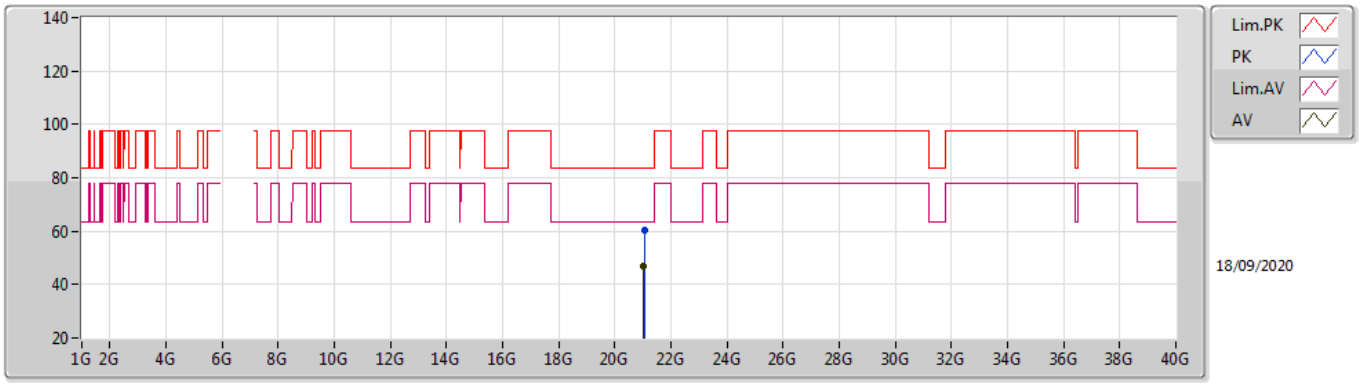


EUT Z_4TX
Setting 32
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.04324G	59.75	83.54	-23.79	56.58	1	Vertical	316	1.50	-	38.18	14.87	49.88
AV	21.04448G	47.08	63.54	-16.46	43.91	1	Vertical	316	1.50	-	38.18	14.87	49.88

802.11ax HEW20_Nss1,(MCS0)_4TX

7015MHz_TX

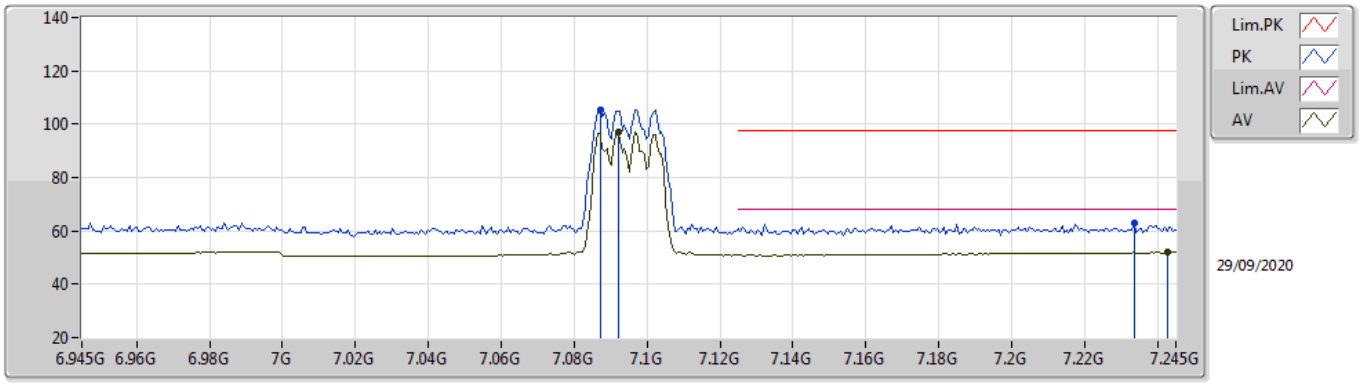


EUT Z_4TX
Setting 32
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.04386G	60.40	83.54	-23.14	57.23	1	Horizontal	166	1.50	-	38.18	14.87	49.88
AV	21.04034G	46.85	63.54	-16.69	43.68	1	Horizontal	166	1.50	-	38.18	14.87	49.88

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TX

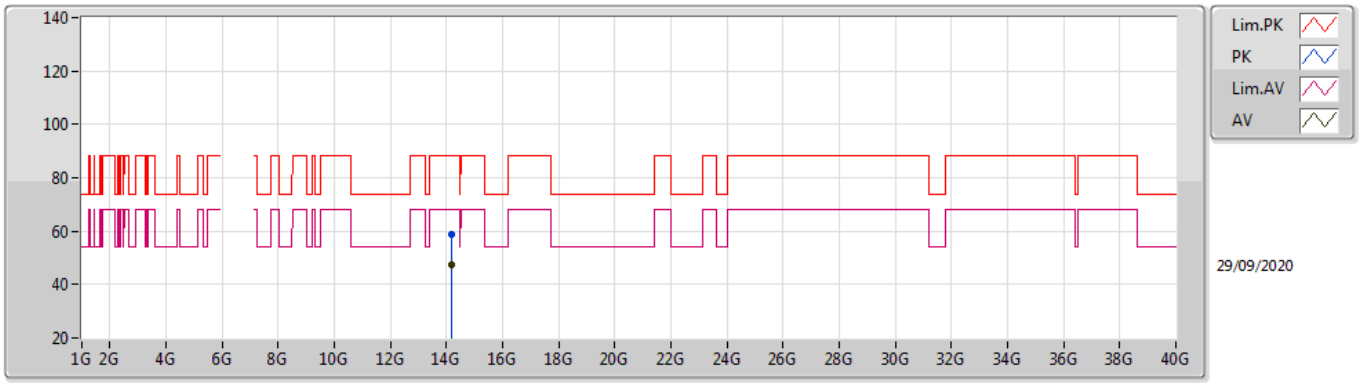


EUT Z_4TX
Setting 32
06-F-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.0872G	105.50	Inf	-Inf	96.10	3	Vertical	0	1.80	-	35.72	6.73	33.05
RMS	7.092G	97.17	Inf	-Inf	87.73	3	Vertical	0	1.80	-	35.75	6.74	33.05
PK	7.2336G	62.86	88.20	-25.34	52.79	3	Vertical	0	1.80	-	36.27	6.92	33.12
RMS	7.2426G	51.89	68.20	-16.31	41.81	3	Vertical	0	1.80	-	36.29	6.92	33.13

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TX

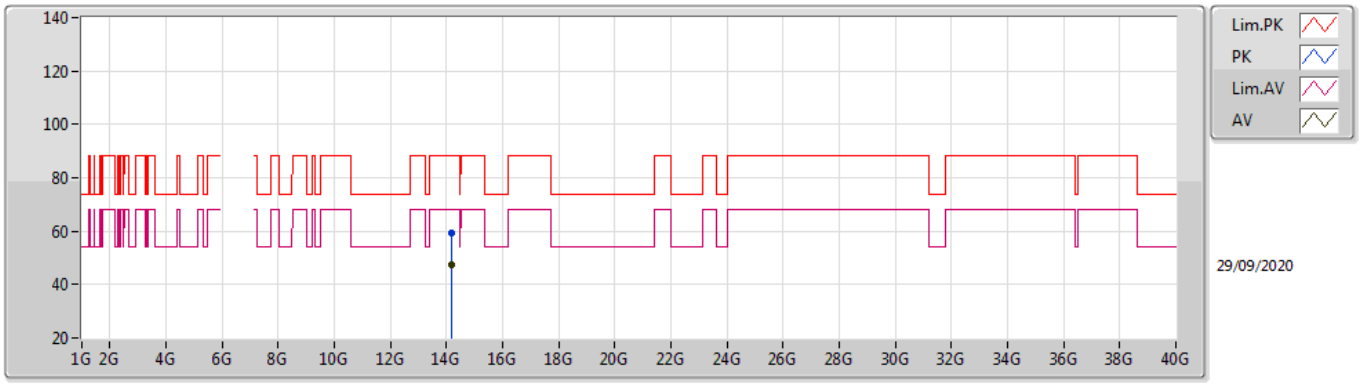


EUT Z_4TX
Setting 32
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.18472G	58.90	88.20	-29.30	43.25	3	Vertical	46	1.65	-	40.80	8.88	34.03
RMS	14.18364G	47.37	68.20	-20.83	31.72	3	Vertical	46	1.65	-	40.80	8.88	34.03

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TX

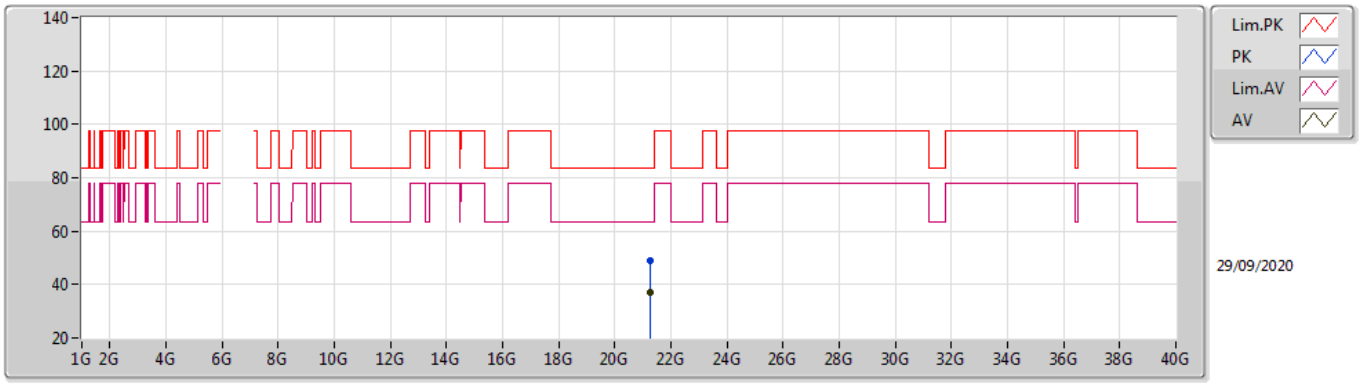


EUT Z_4TX
Setting 32
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	14.18388G	59.20	88.20	-29.00	43.55	3	Horizontal	50	1.70	-	40.80	8.88	34.03
RMS	14.18612G	47.35	68.20	-20.85	31.70	3	Horizontal	50	1.70	-	40.80	8.88	34.03

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TX

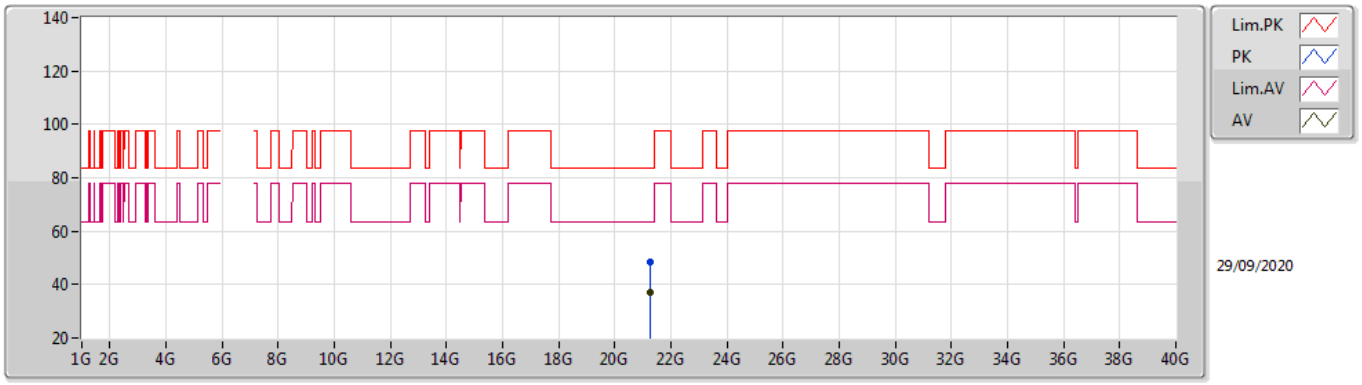


EUT Z_4TX
Setting 32
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.28048G	48.74	83.54	-34.80	45.46	1	Vertical	360	1.67	-	38.09	14.98	49.79
AV	21.28392G	36.86	63.54	-26.68	33.58	1	Vertical	360	1.67	-	38.09	14.98	49.79

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TX

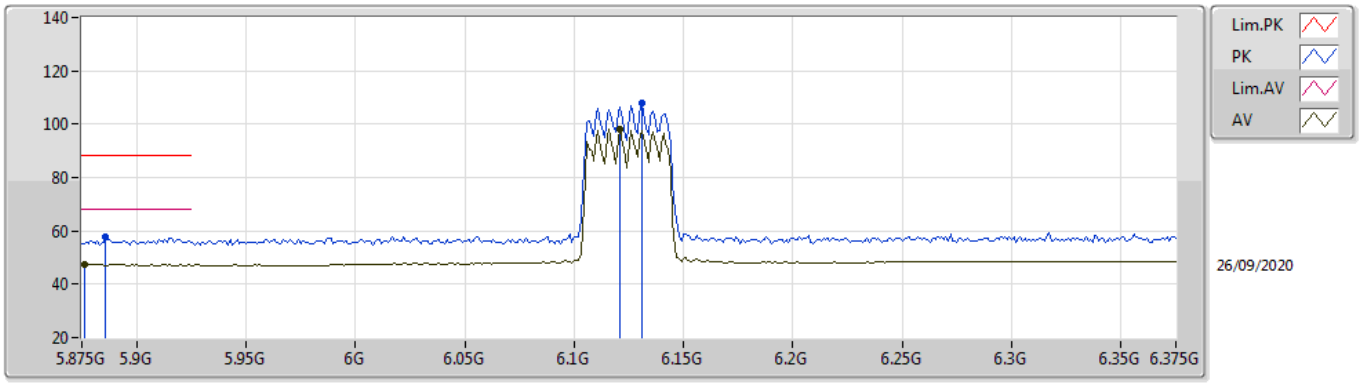


EUT Z_4TX
Setting 32
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	21.28372G	48.59	83.54	-34.95	45.31	1	Horizontal	185	1.84	-	38.09	14.98	49.79
AV	21.28288G	37.00	63.54	-26.54	33.72	1	Horizontal	185	1.84	-	38.09	14.98	49.79

802.11ax HEW40_Nss1,(MCS0)_4TX

6125MHz_TX

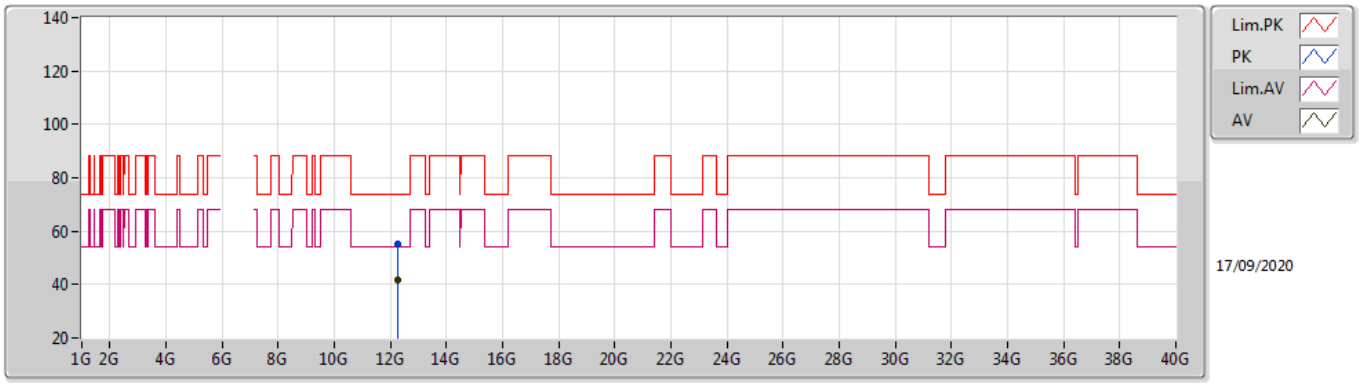


EUT Z_4TX
Setting 44
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.886G	58.01	88.20	-30.19	51.46	3	Vertical	219	1.78	-	32.27	5.96	31.68
RMS	5.876G	47.32	68.20	-20.88	40.80	3	Vertical	219	1.78	-	32.25	5.96	31.69
PK	6.131G	107.76	Inf	-Inf	101.06	3	Vertical	219	1.78	-	32.49	6.03	31.82
RMS	6.121G	98.24	Inf	-Inf	91.60	3	Vertical	219	1.78	-	32.43	6.02	31.81

802.11ax HEW40_Nss1,(MCS0)_4TX

6125MHz_TX

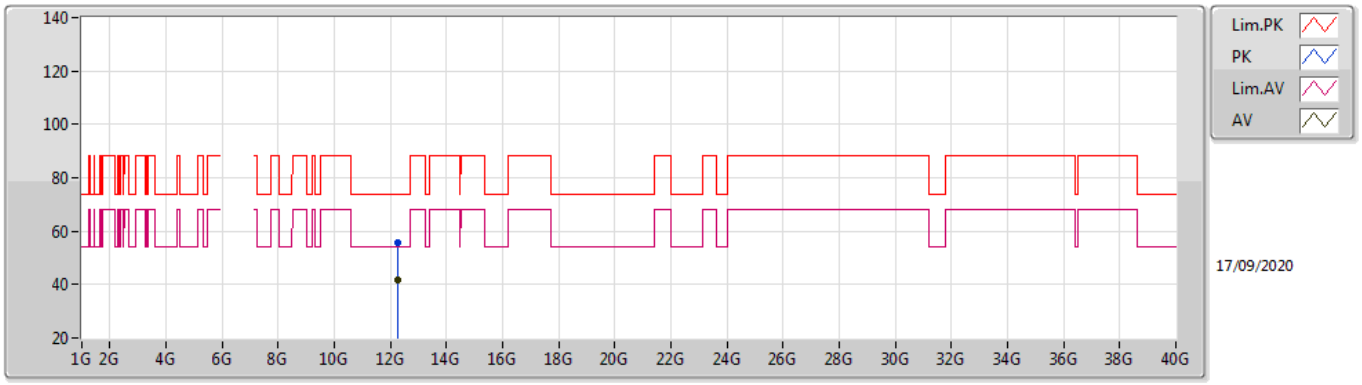


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.25408G	55.30	74.00	-18.70	42.12	3	Vertical	172	1.55	-	38.85	8.38	34.05
AV	12.24982G	41.69	54.00	-12.31	28.53	3	Vertical	172	1.55	-	38.85	8.37	34.06

802.11ax HEW40_Nss1,(MCS0)_4TX

6125MHz_TX

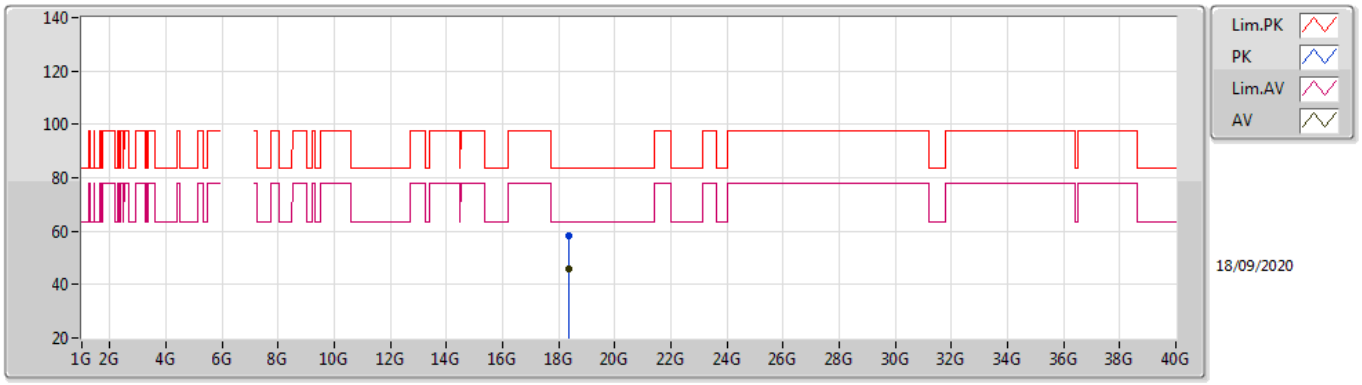


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.23902G	55.62	74.00	-18.38	42.45	3	Horizontal	232	2.99	-	38.86	8.37	34.06
AV	12.24976G	41.69	54.00	-12.31	28.53	3	Horizontal	232	2.99	-	38.85	8.37	34.06

802.11ax HEW40_Nss1,(MCS0)_4TX

6125MHz_TX

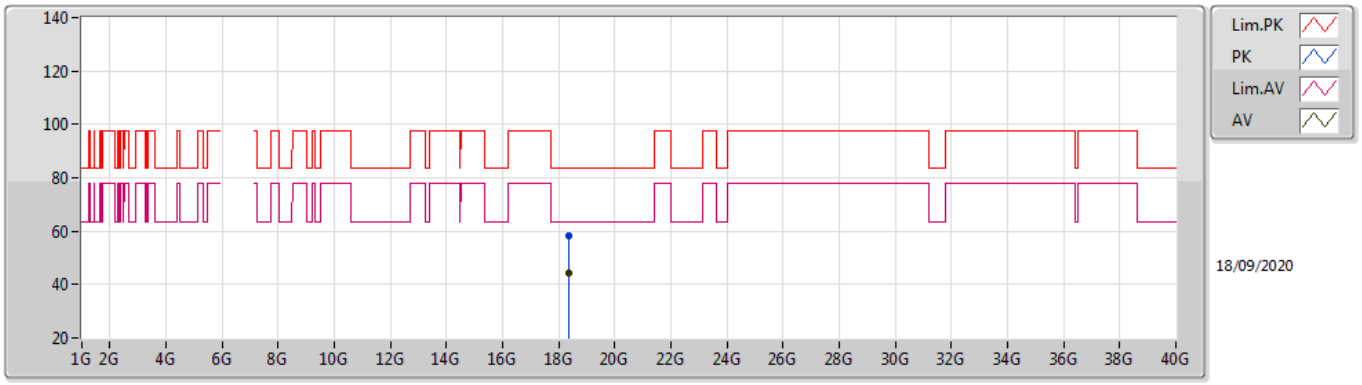


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.37458G	58.31	83.54	-25.23	56.67	1	Vertical	357	1.50	-	37.60	14.24	50.20
AV	18.37472G	45.64	63.54	-17.90	44.00	1	Vertical	357	1.50	-	37.60	14.24	50.20

802.11ax HEW40_Nss1,(MCS0)_4TX

6125MHz_TX

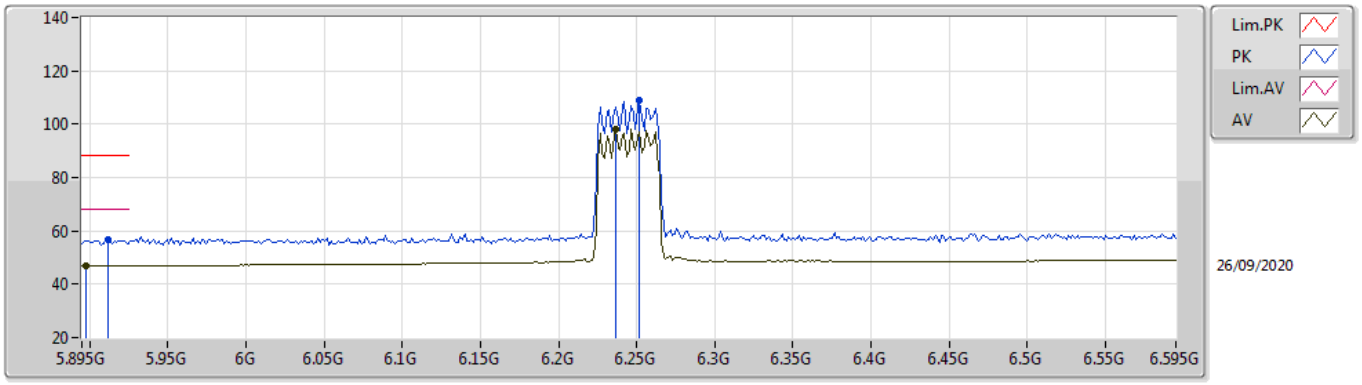


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.3747G	58.24	83.54	-25.30	56.60	1	Horizontal	355	1.50	-	37.60	14.24	50.20
AV	18.37474G	44.18	63.54	-19.36	42.54	1	Horizontal	355	1.50	-	37.60	14.24	50.20

802.11ax HEW40_Nss1,(MCS0)_4TX

6245MHz_TX

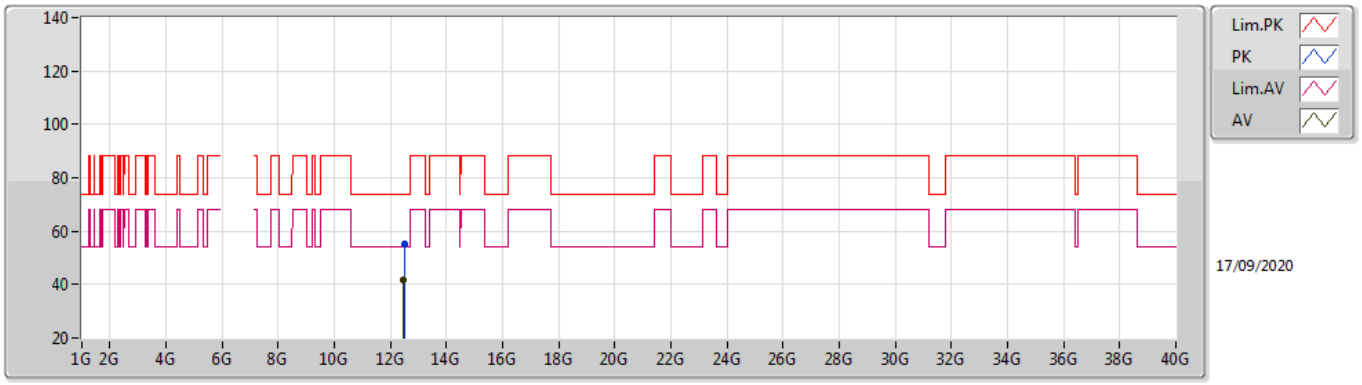


EUT Z_4TX
Setting 44
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9118G	56.52	88.20	-31.68	49.95	3	Vertical	230	1.58	-	32.30	5.94	31.67
RMS	5.8978G	47.14	68.20	-21.06	40.57	3	Vertical	230	1.58	-	32.30	5.95	31.68
PK	6.252G	108.71	Inf	-Inf	101.71	3	Vertical	230	1.58	-	32.90	6.10	32.00
RMS	6.2366G	98.09	Inf	-Inf	91.10	3	Vertical	230	1.58	-	32.87	6.10	31.98

802.11ax HEW40_Nss1,(MCS0)_4TX

6245MHz_TX

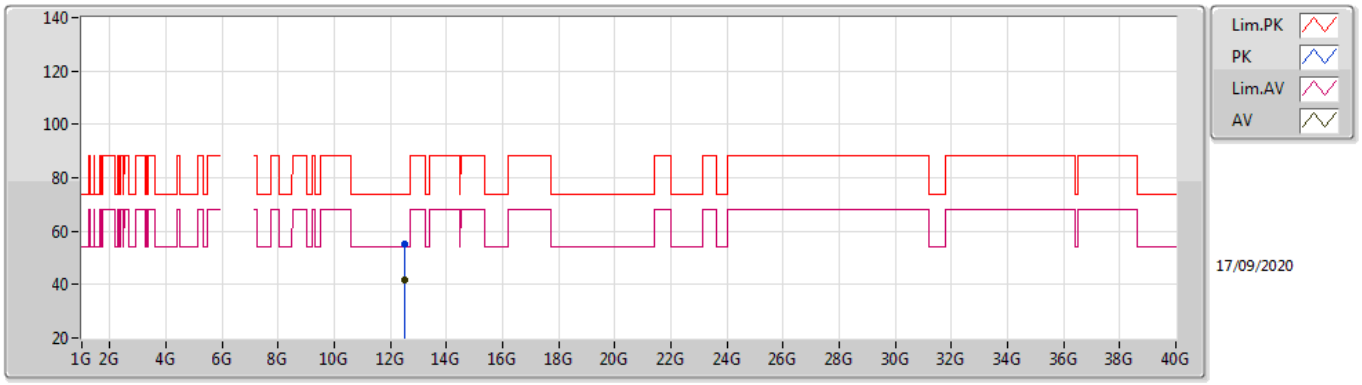


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.5035G	55.30	74.00	-18.70	42.28	3	Vertical	292	1.93	-	38.51	8.45	33.94
AV	12.47704G	41.61	54.00	-12.39	28.62	3	Vertical	292	1.93	-	38.50	8.44	33.95

802.11ax HEW40_Nss1,(MCS0)_4TX

6245MHz_TX

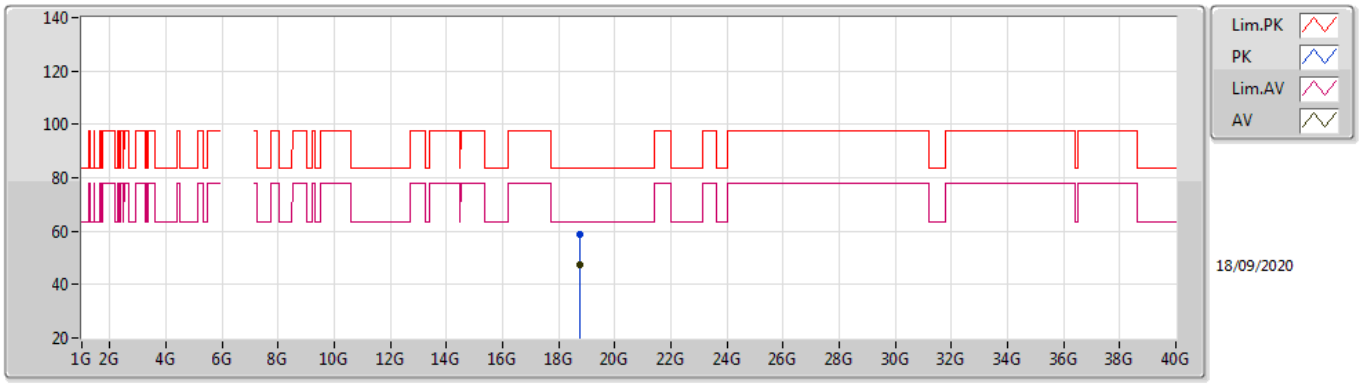


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.48652G	55.25	74.00	-18.75	42.25	3	Horizontal	354	2.72	-	38.50	8.45	33.95
AV	12.5041G	41.67	54.00	-12.33	28.65	3	Horizontal	354	2.72	-	38.51	8.45	33.94

802.11ax HEW40_Nss1,(MCS0)_4TX

6245MHz_TX

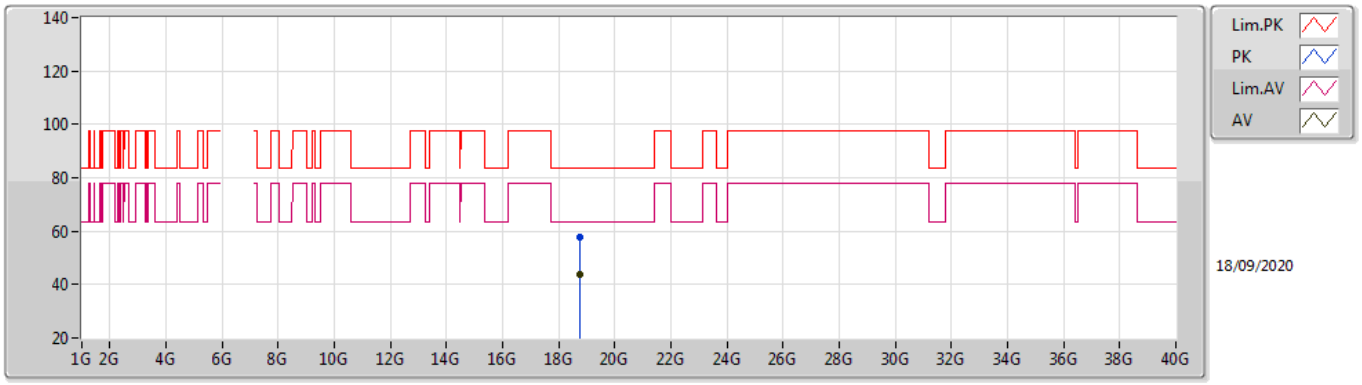


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.73796G	58.70	83.54	-24.84	56.60	1	Vertical	355	1.50	-	38.03	14.27	50.20
AV	18.73472G	47.40	63.54	-16.14	45.30	1	Vertical	355	1.50	-	38.03	14.27	50.20

802.11ax HEW40_Nss1,(MCS0)_4TX

6245MHz_TX

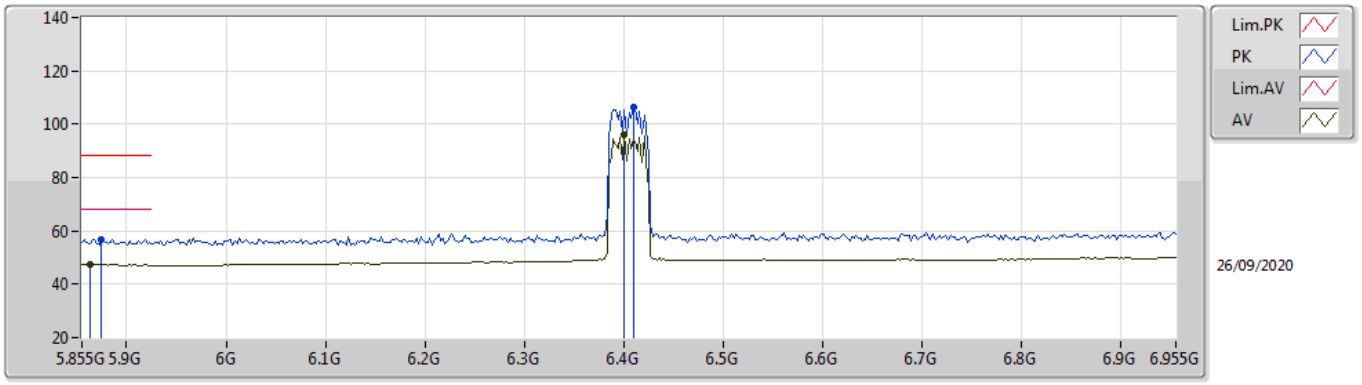


EUT Z_4TX
Setting 44
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	18.73434G	57.64	83.54	-25.90	55.54	1	Horizontal	312	1.50	-	38.03	14.27	50.20
AV	18.73466G	43.80	63.54	-19.74	41.70	1	Horizontal	312	1.50	-	38.03	14.27	50.20

802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

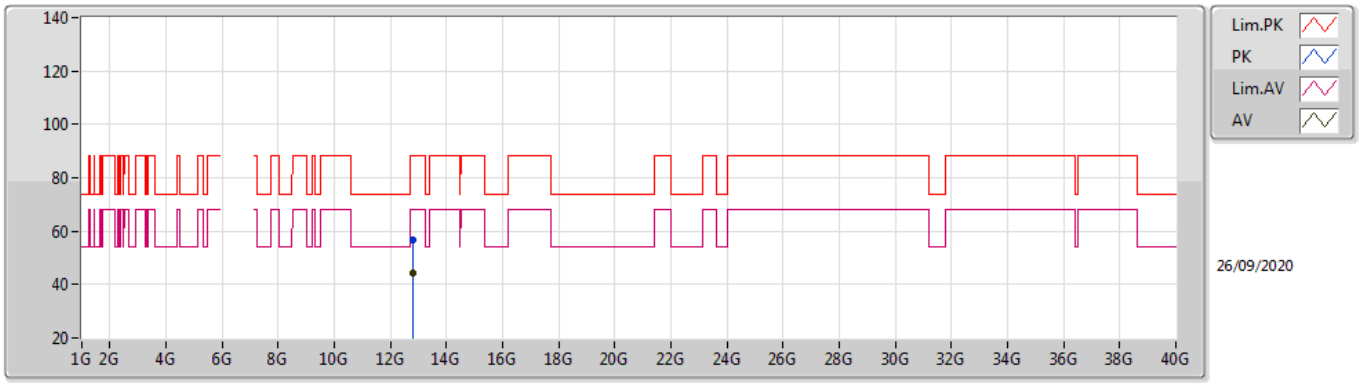


EUT Z_4TX
Setting 40
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8748G	56.94	88.20	-31.26	50.42	3	Vertical	306	1.46	-	32.25	5.96	31.69
RMS	5.8638G	47.32	68.20	-20.88	40.82	3	Vertical	306	1.46	-	32.23	5.97	31.70
PK	6.4094G	106.40	Inf	-Inf	98.99	3	Vertical	306	1.46	-	33.54	6.11	32.24
RMS	6.4006G	96.24	Inf	-Inf	88.86	3	Vertical	306	1.46	-	33.50	6.10	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

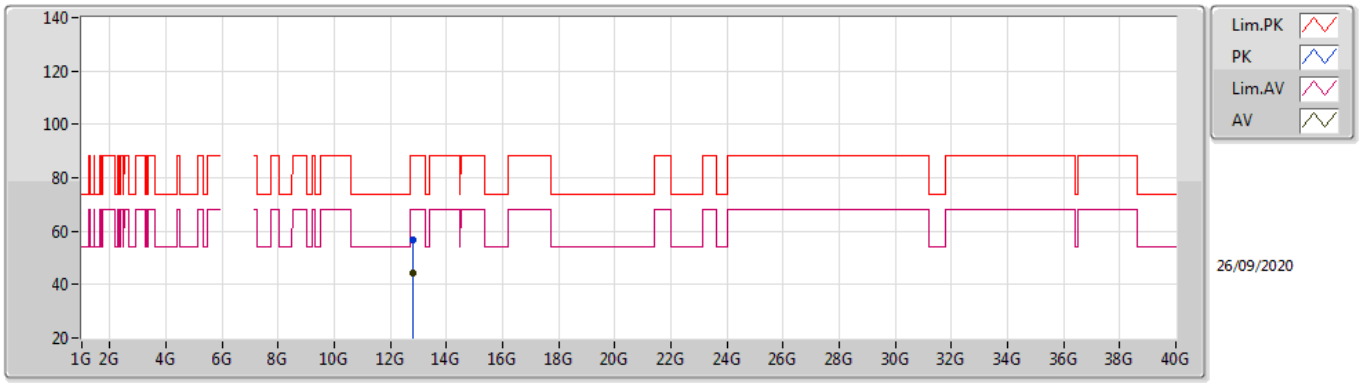


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.81606G	56.61	88.20	-31.59	42.72	3	Vertical	352	2.08	-	39.40	8.54	34.05
RMS	12.81354G	44.49	68.20	-23.71	30.60	3	Vertical	352	2.08	-	39.40	8.54	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

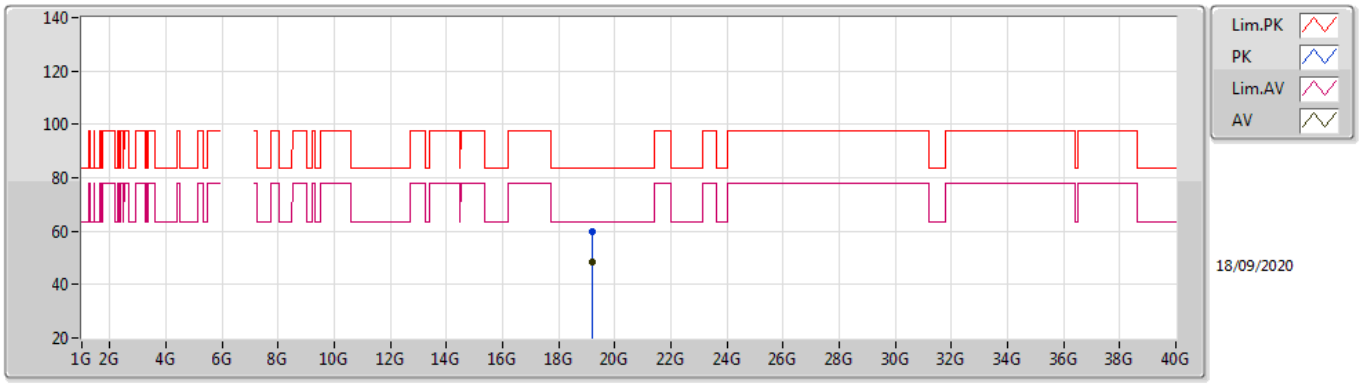


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.81936G	56.88	88.20	-31.32	42.98	3	Horizontal	157	1.82	-	39.40	8.55	34.05
RMS	12.81144G	44.48	68.20	-23.72	30.59	3	Horizontal	157	1.82	-	39.40	8.54	34.05

802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

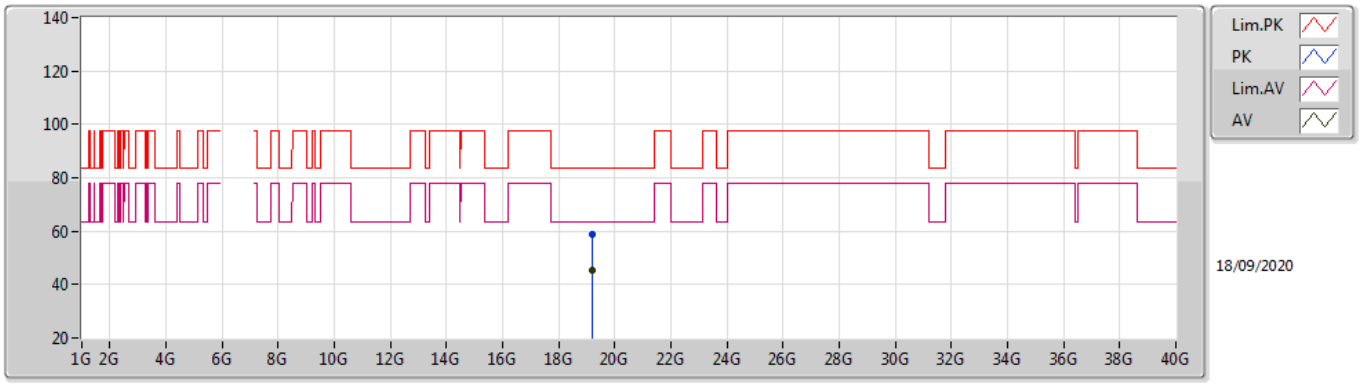


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.21462G	59.93	83.54	-23.61	57.61	1	Vertical	357	1.50	-	38.14	14.32	50.14
AV	19.21476G	48.33	63.54	-15.21	46.01	1	Vertical	357	1.50	-	38.14	14.32	50.14

802.11ax HEW40_Nss1,(MCS0)_4TX

6405MHz_TX

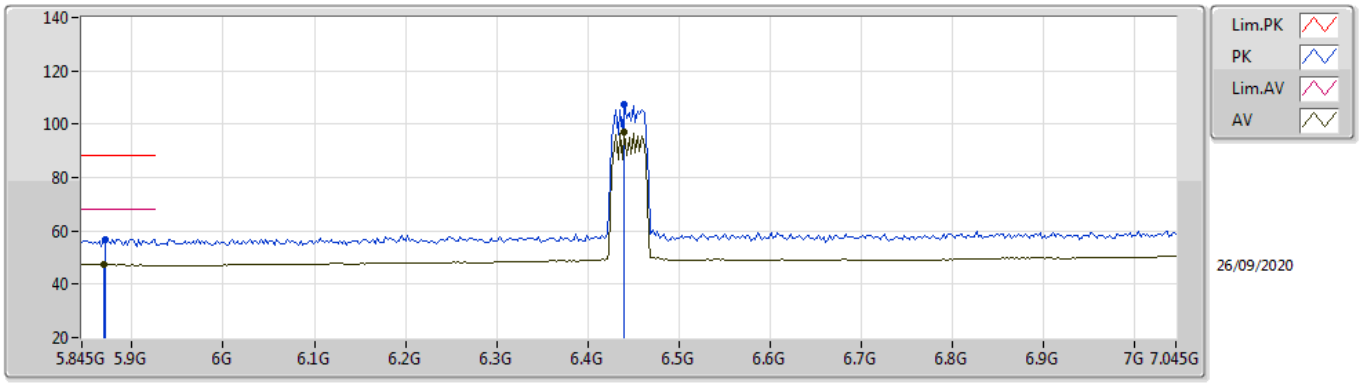


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.21002G	59.01	83.54	-24.53	56.68	1	Horizontal	267	1.50	-	38.15	14.32	50.14
AV	19.2147G	45.59	63.54	-17.95	43.27	1	Horizontal	267	1.50	-	38.14	14.32	50.14

802.11ax HEW40_Nss1,(MCS0)_4TX

6445MHz_TX

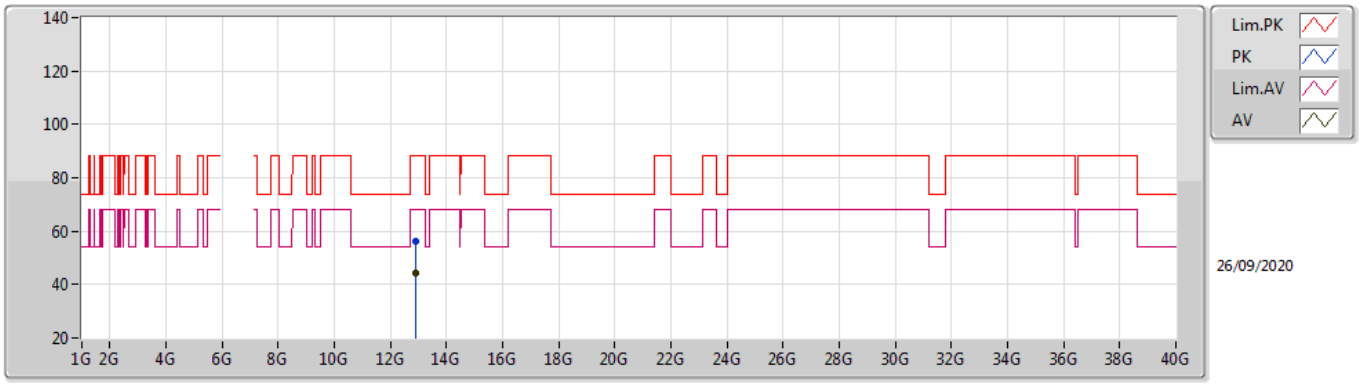


EUT Z_4TX
Setting 45
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8714G	56.88	88.20	-31.32	50.37	3	Vertical	308	1.37	-	32.24	5.96	31.69
RMS	5.869G	47.35	68.20	-20.85	40.83	3	Vertical	308	1.37	-	32.24	5.97	31.69
PK	6.4402G	107.38	Inf	-Inf	99.84	3	Vertical	308	1.37	-	33.66	6.16	32.28
RMS	6.4402G	96.88	Inf	-Inf	89.34	3	Vertical	308	1.37	-	33.66	6.16	32.28

802.11ax HEW40_Nss1,(MCS0)_4TX

6445MHz_TX

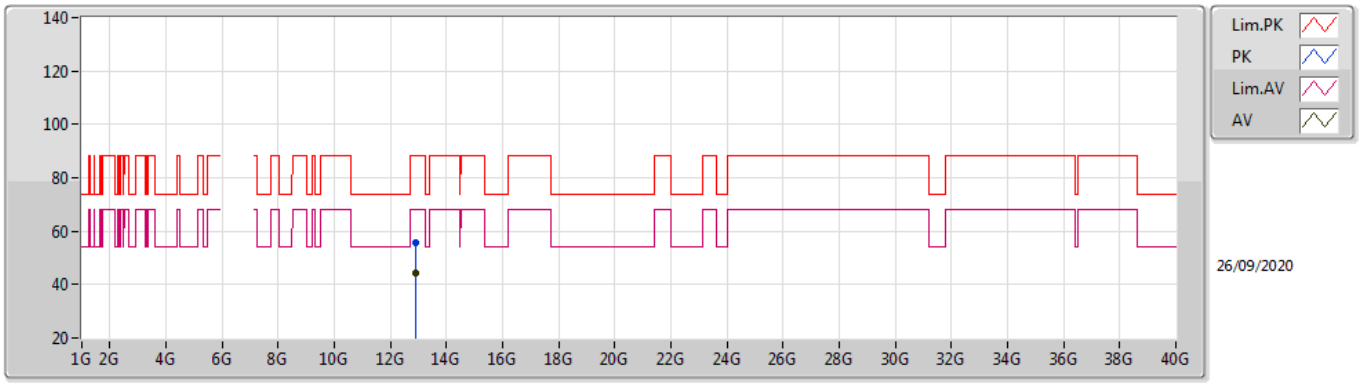


EUT Z_4TX
Setting 45
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.89228G	56.08	88.20	-32.12	42.18	3	Vertical	177	1.15	-	39.40	8.57	34.07
RMS	12.90488G	44.14	68.20	-24.06	30.25	3	Vertical	177	1.15	-	39.40	8.57	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

6445MHz_TX

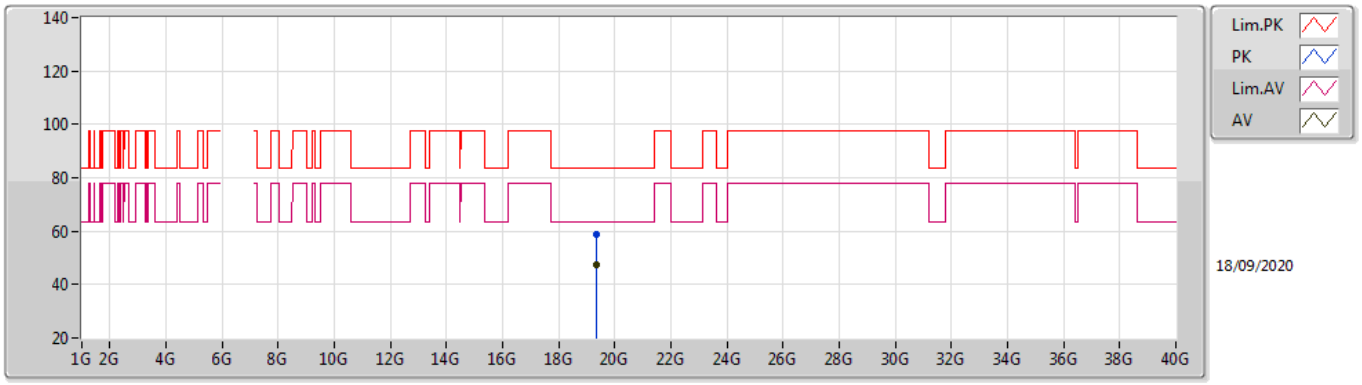


EUT Z_4TX
Setting 45
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.9023G	55.48	88.20	-32.72	41.59	3	Horizontal	93	1.76	-	39.40	8.57	34.08
RMS	12.90074G	44.16	68.20	-24.04	30.27	3	Horizontal	93	1.76	-	39.40	8.57	34.08

802.11ax HEW40_Nss1,(MCS0)_4TX

6445MHz_TX

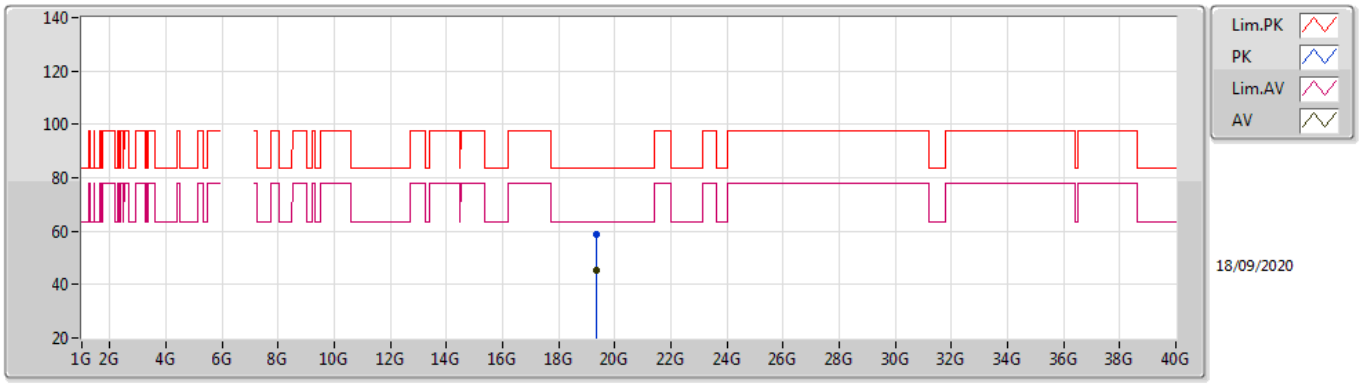


EUT Z_4TX
Setting 45
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.33496G	58.63	83.54	-24.91	56.40	1	Vertical	260	1.50	-	38.00	14.33	50.10
AV	19.33474G	47.26	63.54	-16.28	45.03	1	Vertical	260	1.50	-	38.00	14.33	50.10

802.11ax HEW40_Nss1,(MCS0)_4TX

6445MHz_TX

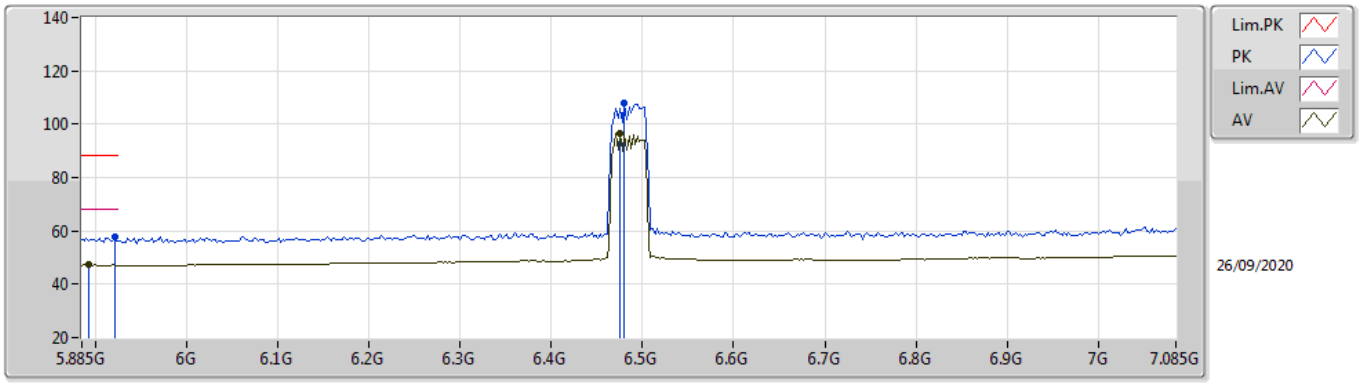


EUT Z_4TX
Setting 45
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.33676G	58.55	83.54	-24.99	56.32	1	Horizontal	9	1.50	-	38.00	14.33	50.10
AV	19.33474G	45.42	63.54	-18.12	43.19	1	Horizontal	9	1.50	-	38.00	14.33	50.10

802.11ax HEW40_Nss1,(MCS0)_4TX

6485MHz_TX

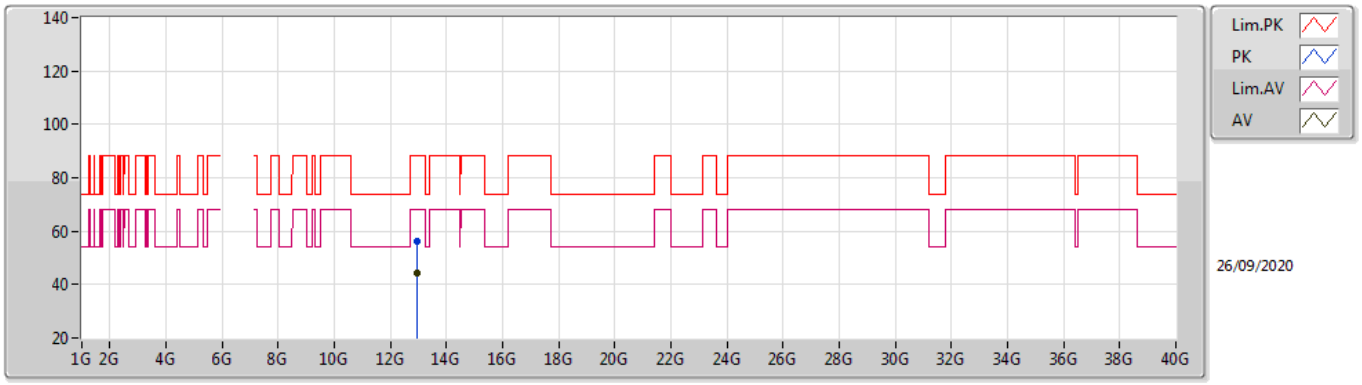


EUT Z_4TX
Setting 41
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.921G	57.62	88.20	-30.58	51.05	3	Vertical	258	1.37	-	32.30	5.94	31.67
RMS	5.8922G	47.21	68.20	-20.99	40.66	3	Vertical	258	1.37	-	32.28	5.95	31.68
PK	6.4802G	108.04	Inf	-Inf	100.34	3	Vertical	258	1.37	-	33.82	6.22	32.34
RMS	6.4754G	96.77	Inf	-Inf	89.09	3	Vertical	258	1.37	-	33.80	6.21	32.33

802.11ax HEW40_Nss1,(MCS0)_4TX

6485MHz_TX

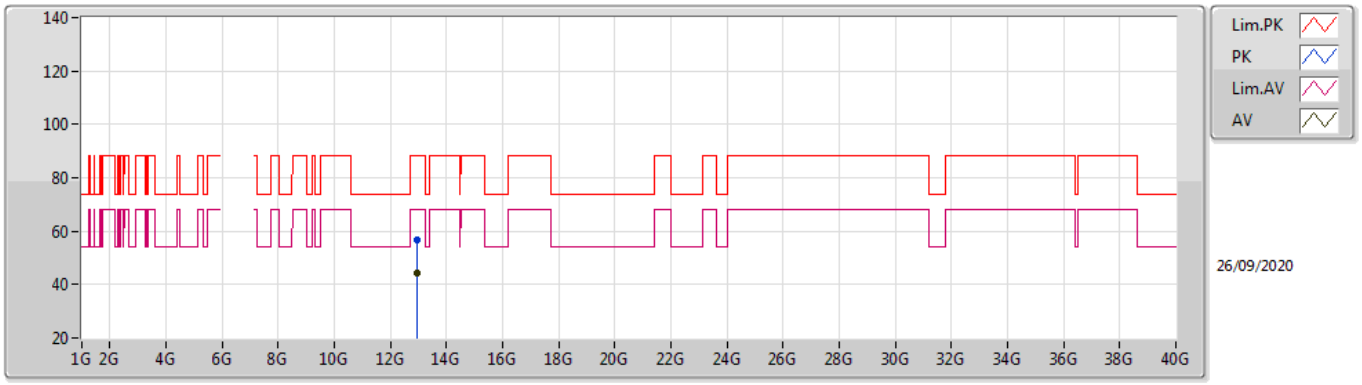


EUT Z_4TX
Setting 41
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.95794G	56.08	88.20	-32.12	42.13	3	Vertical	23	1.32	-	39.46	8.59	34.10
RMS	12.9697G	44.47	68.20	-23.73	30.51	3	Vertical	23	1.32	-	39.47	8.59	34.10

802.11ax HEW40_Nss1,(MCS0)_4TX

6485MHz_TX

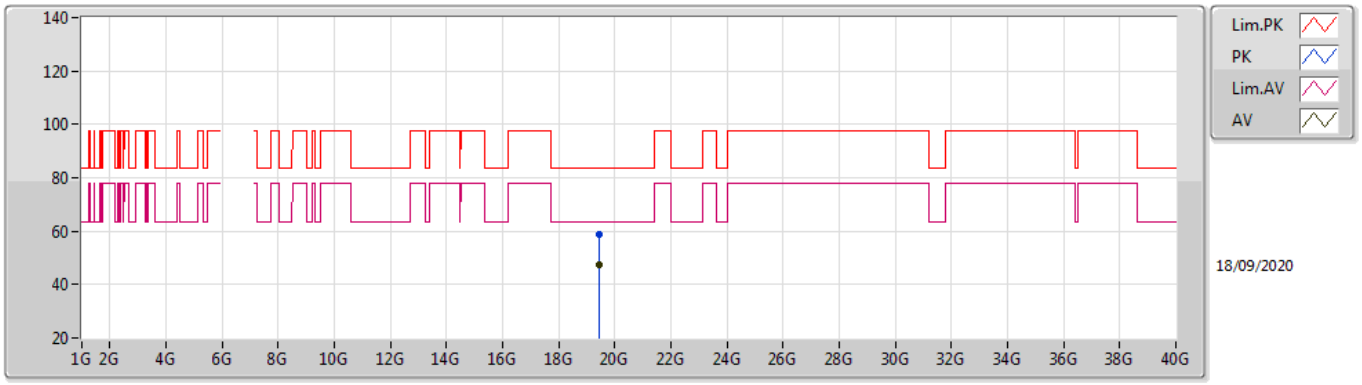


EUT Z_4TX
Setting 41
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.96814G	56.61	88.20	-31.59	42.65	3	Horizontal	242	1.68	-	39.47	8.59	34.10
RMS	12.9697G	44.46	68.20	-23.74	30.50	3	Horizontal	242	1.68	-	39.47	8.59	34.10

802.11ax HEW40_Nss1,(MCS0)_4TX

6485MHz_TX

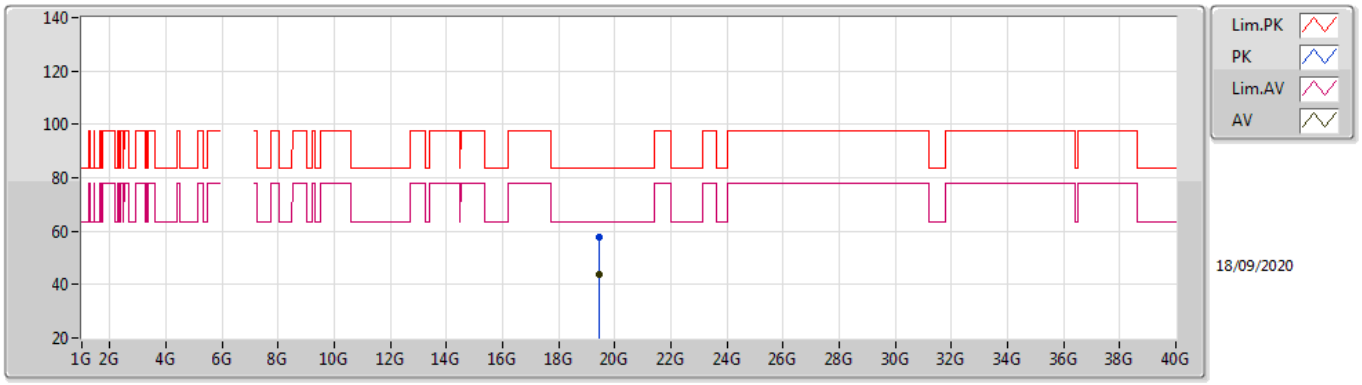


EUT Z_4TX
Setting 41
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.45472G	58.77	83.54	-24.77	56.63	1	Vertical	262	1.50	-	37.85	14.35	50.06
AV	19.45476G	47.25	63.54	-16.29	45.11	1	Vertical	262	1.50	-	37.85	14.35	50.06

802.11ax HEW40_Nss1,(MCS0)_4TX

6485MHz_TX

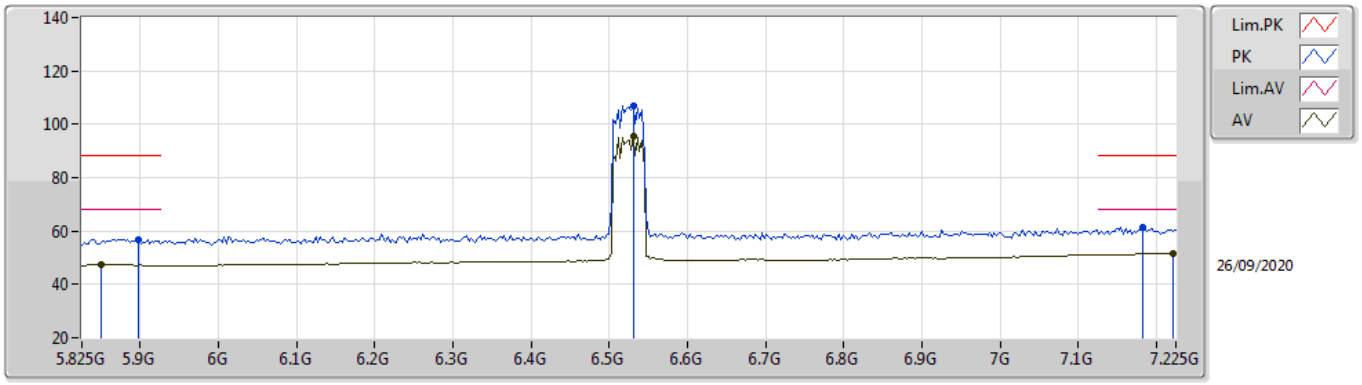


EUT Z_4TX
Setting 41
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.45862G	57.54	83.54	-26.00	55.40	1	Horizontal	252	1.50	-	37.85	14.35	50.06
AV	19.45472G	43.96	63.54	-19.58	41.82	1	Horizontal	252	1.50	-	37.85	14.35	50.06

802.11ax HEW40_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TX

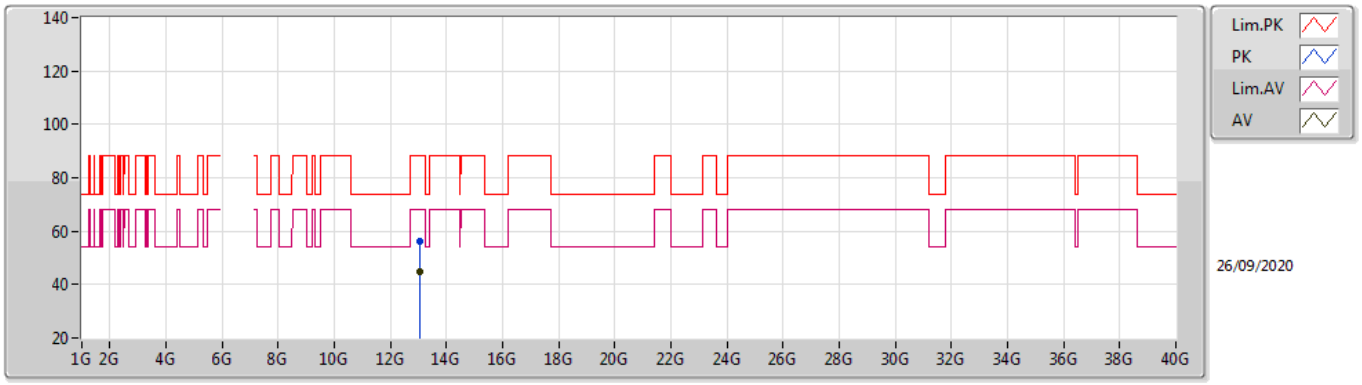


EUT Z_4TX
Setting 40
06-F-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8978G	56.92	88.20	-31.28	50.35	3	Vertical	283	1.80	-	32.30	5.95	31.68
RMS	5.85G	47.32	68.20	-20.88	40.85	3	Vertical	283	1.80	-	32.20	5.97	31.70
PK	6.5306G	106.78	Inf	-Inf	98.87	3	Vertical	283	1.80	-	34.02	6.30	32.41
RMS	6.5306G	95.40	Inf	-Inf	87.49	3	Vertical	283	1.80	-	34.02	6.30	32.41
PK	7.183G	61.38	88.20	-26.82	51.51	3	Vertical	283	1.80	-	36.10	6.87	33.10
RMS	7.2222G	51.75	68.20	-16.45	41.72	3	Vertical	283	1.80	-	36.24	6.91	33.12

802.11ax HEW40_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TX

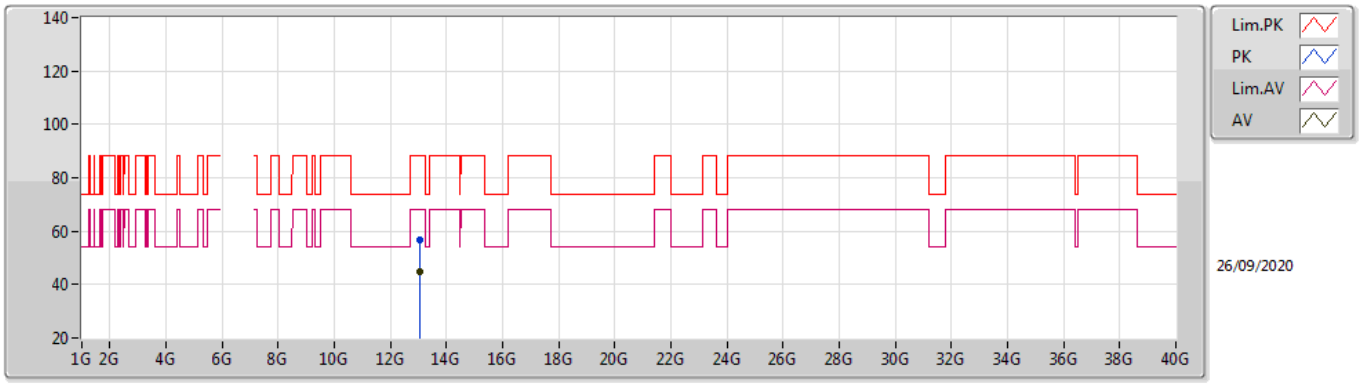


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.03854G	56.02	88.20	-32.18	42.03	3	Vertical	168	1.45	-	39.46	8.61	34.08
RMS	13.04964G	44.64	68.20	-23.56	30.65	3	Vertical	168	1.45	-	39.45	8.61	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TX

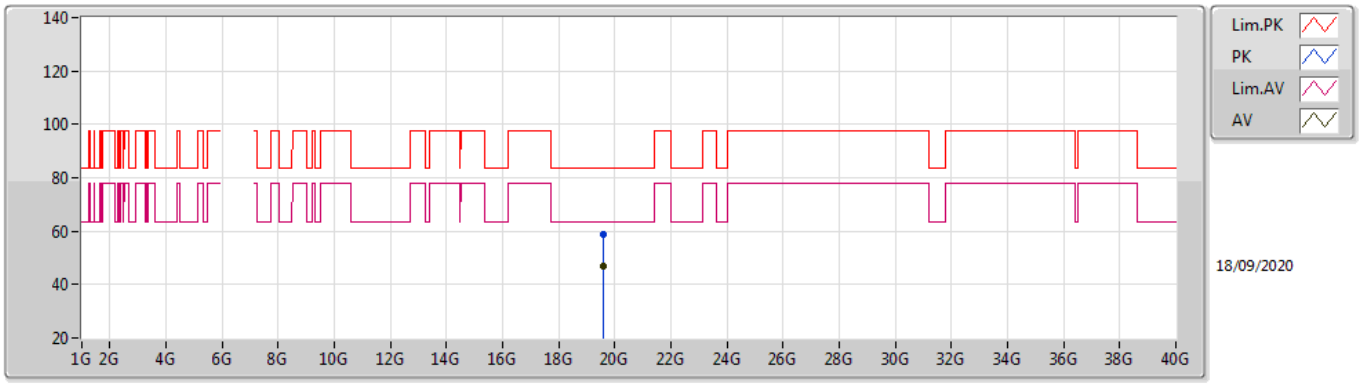


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.04514G	56.59	88.20	-31.61	42.60	3	Horizontal	16	1.35	-	39.45	8.61	34.07
RMS	13.04976G	44.62	68.20	-23.58	30.63	3	Horizontal	16	1.35	-	39.45	8.61	34.07

802.11ax HEW40_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TX

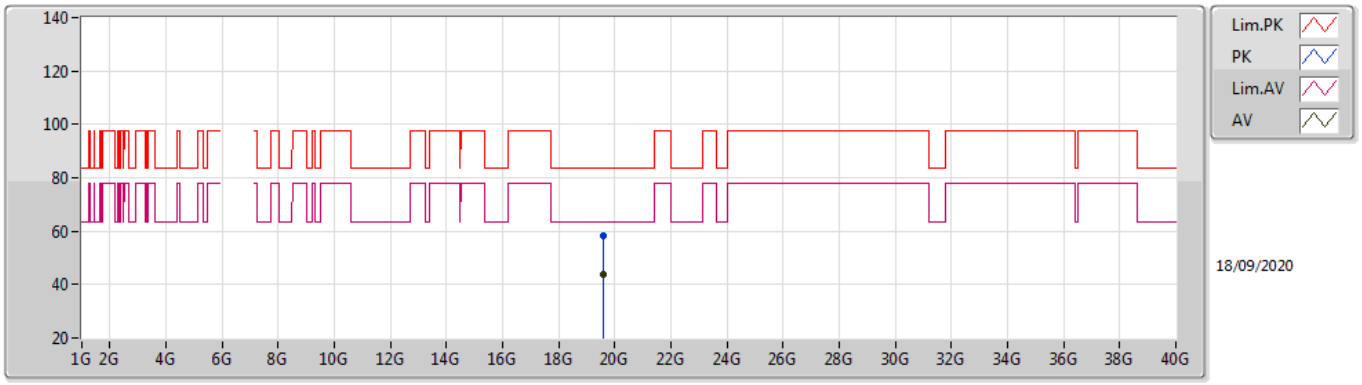


EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.57458G	58.89	83.54	-24.65	56.82	1	Vertical	257	1.50	-	37.74	14.36	50.03
AV	19.57472G	47.01	63.54	-16.53	44.94	1	Vertical	257	1.50	-	37.74	14.36	50.03

802.11ax HEW40_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TX



EUT Z_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.57034G	58.10	83.54	-25.44	56.03	1	Horizontal	200	1.50	-	37.74	14.36	50.03
AV	19.5747G	43.69	63.54	-19.85	41.62	1	Horizontal	200	1.50	-	37.74	14.36	50.03