



RADIO TEST REPORT

FCC ID : RAXCR1000B
Equipment : Verizon Router
Brand Name : Verizon
Model Name : CR1000B
Applicant : Arcadyan Technology Corporation
No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Manufacturer : Arcadyan Technology Corporation
No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 14, 2021, and testing was started from Dec. 14, 2021 and completed on Jun. 07, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
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History of this test report

[illegible]



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	15.407(g)	Frequency Stability	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Penny Kao



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7095	1-229 [57]
5925-7125	ax (HEW40)	5965-7085	3-227 [27]
5925-7125	ax (HEW80)	5985-7025	7-215 [12]
5925-7125	ax (HEW160)	6025-6985	15-207 [5]

Note: The EUT doesn't support straddle frequencies.

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

Ant.	Port				Brand	P/N	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz					
		UNII1~3	DFS UNII2A~2C						
1	1	4	-	-	Arcadyan	120800098100J	PCB Antenna	I-PEX	Note1
2	2	3	-	-	Arcadyan	120800098200J	PCB Antenna	I-PEX	
3	3	2	-	-	Arcadyan	120800098300J	PCB Antenna	I-PEX	
4	4	1	-	-	Arcadyan	120800098400J	PCB Antenna	I-PEX	
5	-	-	-	1	Arcadyan	120800098700J	PCB Antenna	I-PEX	
6	-	-	-	2	Arcadyan	120800098800J	PCB Antenna	I-PEX	
7	-	-	-	3	Arcadyan	120800098500J	PCB Antenna	I-PEX	
8	-	-	-	4	Arcadyan	120800098600J	PCB Antenna	I-PEX	
9	-	-	1	-	Arcadyan	120800104000J	PCB Antenna	I-PEX	

Note1:

<Antenna Gain>

Ant.	Port				Gain (dBi)						
	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz	WLAN 2.4GHz	WLAN 5GHz		WLAN 6GHz			
		UNII1~3	DFS UNII2A~2C			UNII1~3	DFS UNII2A~2C	UNII 5	UNII 6	UNII 7	UNII 8
1	1	4	-	-	1.8	2.6	-	-	-	-	-
2	2	3	-	-	3.2	2.3	-	-	-	-	-
3	3	2	-	-	2.8	3.5	-	-	-	-	-
4	4	1	-	-	3.8	2.5	-	-	-	-	-
5	-	-	-	1	-	-	-	4.18	3.86	2.19	3.24
6	-	-	-	2	-	-	-	4.96	4.19	3.17	3.19
7	-	-	-	3	-	-	-	3.47	3.24	3.40	3.06
8	-	-	-	4	-	-	-	4.13	3.66	2.47	2.73
9	-	-	1	-	-	-	3.8	-	-	-	-

<For WLAN 6GHz Directional Gain>

Directional Gain (dBi)				
Item	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
4T1S	5.46	5.09	5.36	4.97

Note2: The above information (excepting WLAN 6GHz antenna gain) was declared by manufacturer.

Note3: WLAN 6GHz directional gain is measured which follows the procedure of KDB 662911 D03.

The antenna report is provided in the operational description for this application.

Note4: The antenna 9 which has the receiving function only is used for zero wait or interference detection.

Note5: The EUT has nine antennas.

<WLAN 2.4GHz function>

For IEEE 802.11b/g/n/ax (4TX/4RX):

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

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

<WLAN 5GHz function>

UNII1~3

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

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

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

UNII 2A~2C DFS Band

Only Port 1 can receive

<WLAN 6GHz function>
For IEEE 802.11ax mode (4TX/4RX)

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

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

Note6:

<For WLAN 2.4GHz and WLAN 5GHz Directional Gain>

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

Ex.

Directional Gain (NSS1) formula :

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

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

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

Where ;

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

2.4GHz DG = 8.95 dBi

5 GHz U-NII-1 DG = 8.76 dBi

5 GHz U-NII-2A DG = 8.76 dBi

5 GHz U-NII-2C DG = 8.76 dBi

5 GHz U-NII-3 DG = 8.76 dBi



1.1.3 Mode Test Duty Cycle

Non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20_Nss1,(MCS0)_4TX	1	0	10.001m	10
802.11ax HEW40_Nss1,(MCS0)_4TX	1	0	10.001m	10
802.11ax HEW80_Nss1,(MCS0)_4TX	1	0	10.001m	10
802.11ax HEW160_Nss1,(MCS0)_4TX	1	0	10.001m	10

Beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1	0	20.003m	10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1	0	20.003m	10
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1	0	20.003m	10
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1	0	20.003m	10

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
	The product has beamforming function for ax in 2.4GHz, 11n/ac/ax in 5GHz and ax in 6GHz.			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Test Software Version	DUT GUI V610.59 / DOS V10.0.19043.1320 / Intel GUI(version 610.59)			
Software / Firmware Version for CBP	UGW-8.7.0.95-1642-29Dec21			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Information

External Type of EUT	Color of tick	Position of tick	Remark
1	Gray	In the middle of the case	The internal of the EUT is identical.
2	Red	The lower right of the case	

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 987594 D02 v01r01
- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Owen Hsu	19.6~20.5 / 61~65	Feb. 25, 2022~ May 21, 2022
Radiated (CTX Below 1GHz and Co-location test)	03CH03-CB	Kevin Huang	23.5-24.6 / 55-59	Dec. 14, 2021~ Mar. 14, 2022
Radiated (CTX Above 1GHz test)	03CH03-CB	Kevin Huang	23.5-24.6 / 55-59	Dec. 14, 2021~ Mar. 14, 2022
	03CH06-CB		24.5-25.6 / 56-59	
	03CH02-CB		24.2-26.1 / 55-58	
AC Conduction	CO01-CB	Ryan Huang	20~22 / 56~58	Jun. 07, 2022
RF Conducted <Contention-Based Protocol test>	DF02-CB	Mason Chen	22.5~23.1 / 66~71	Feb. 07, 2022~ May 20, 2022



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-beamforming mode

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5955MHz	6.5
6175MHz	6.5
6415MHz	6
6435MHz	6
6475MHz	6
6515MHz	6
6535MHz	6
6695MHz	6
6855MHz	6
6895MHz	6.5
6995MHz	6
7095MHz	7.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5965MHz	9
6165MHz	8
6405MHz	8.5
6445MHz	8
6485MHz	8
6565MHz	8
6685MHz	8
6845MHz	8
6925MHz	8.5
7005MHz	8.5
7085MHz	9.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5985MHz	12
6145MHz	11.5
6385MHz	11.5
6465MHz	11
6625MHz	11
6705MHz	11.5
6785MHz	11.5
6945MHz	11



Mode	Power Setting
7025MHz	12
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6025MHz	14.5
6185MHz	14.5
6345MHz	14.5
6665MHz	14.5
6985MHz	14.5

Beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5955MHz	24
6175MHz	24
6415MHz	24
6435MHz	24
6475MHz	24
6515MHz	24
6535MHz	24
6695MHz	23
6855MHz	23
6895MHz	23
6995MHz	23
7095MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5965MHz	28
6165MHz	28
6405MHz	28
6445MHz	28
6485MHz	28
6565MHz	28
6685MHz	28
6845MHz	29
6925MHz	29
7005MHz	31
7085MHz	32
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5985MHz	36
6145MHz	34
6385MHz	34



Mode	Power Setting
6465MHz	34
6625MHz	32
6705MHz	35
6785MHz	37
6945MHz	36
7025MHz	36
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6025MHz	39
6185MHz	39
6345MHz	39
6665MHz	39
6985MHz	39

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position for Radiated measurement above 1GHz test, and the worst case was found at X axis for WLAN 2.4GHz & WLAN 5GHz tests and Y axis for WLAN 6GHz test. So the measurement will follow this same test configuration.
	1 EUT in X axis_ WLAN 2.4GHz
	2 EUT in X axis_ WLAN 5GHz
	3 EUT in Y axis_ WLAN 6GHz
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position. The worst case as below:
1	EUT in Y axis



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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA1D1668 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming 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 [ver 10.0.19043.1320].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN module and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model Name	Rating
1	Adapter	LUCENT TRANS	1A98-1250-02	INPUT: 100-120V~1.6A, 50-60Hz OUTPUT: 12.0V, 5.0A, 60.0W
Others				
RJ-45 cable*1: Non-shielded, 2m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A

For Radiated (below 1GHz):

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

Non-beamforming mode

For Radiated (above 1GHz) and RF Conducted:

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

Beamforming mode

For Radiated (above 1GHz)

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	WLAN module	Intel	AX210NGW	PD9AX210NG
C	Notebook	DELL	E4300	N/A

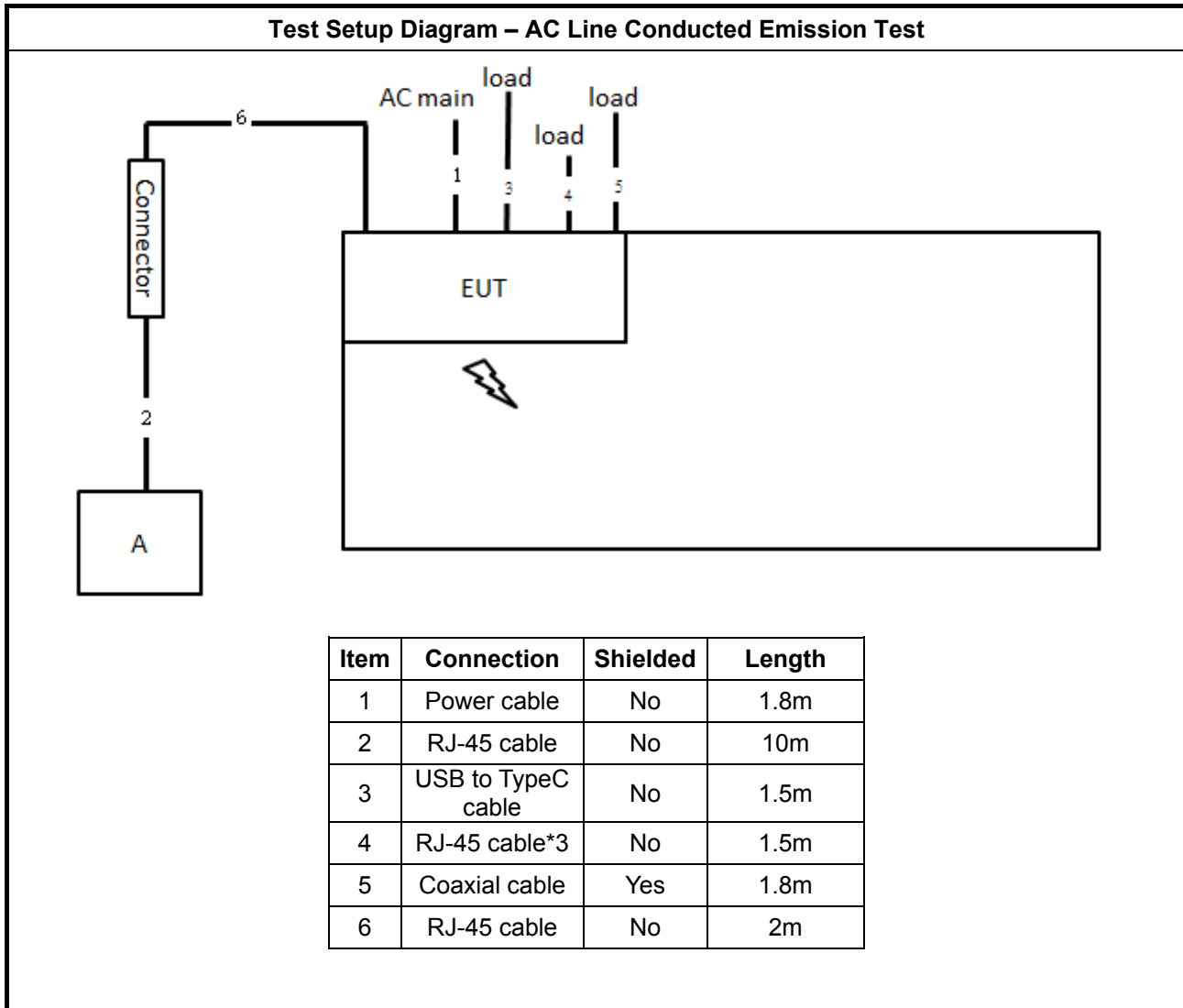
For RF Conducted:

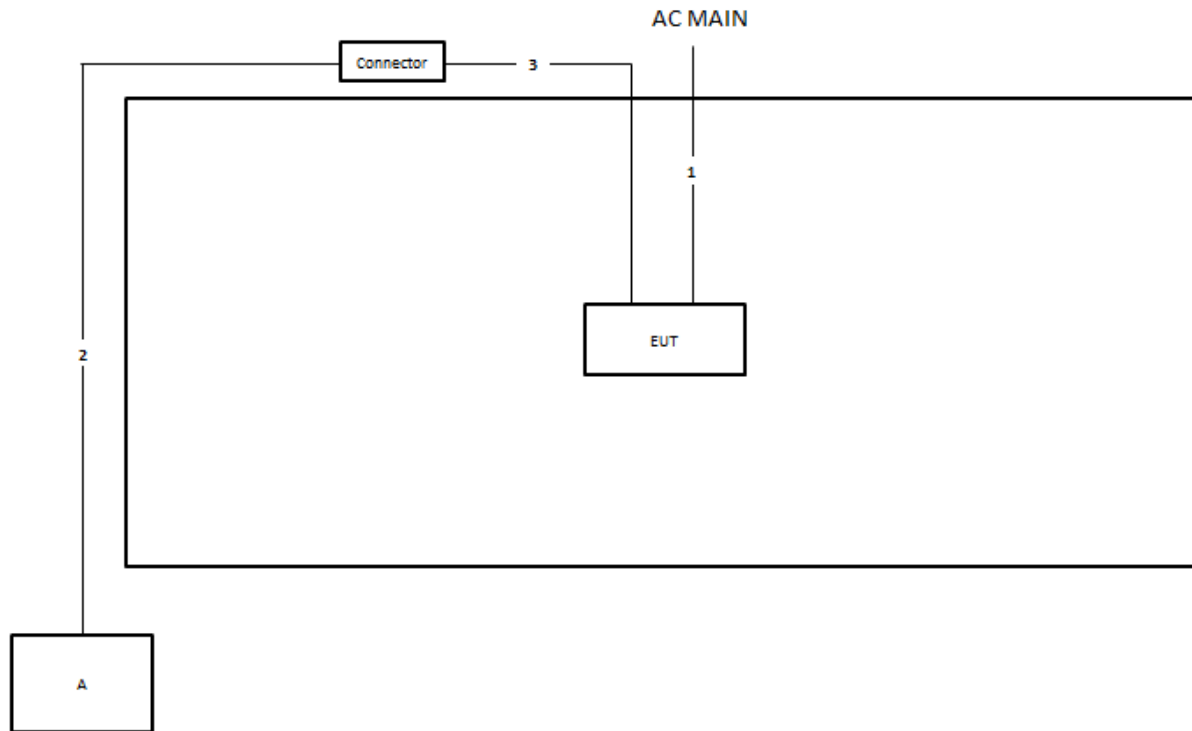
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	Lenovo	L440	N/A
C	WLAN module	Intel	AX210NGW	PD9AX210NG

**For 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 module	Intel	AX210NGW	PD9AX210NG

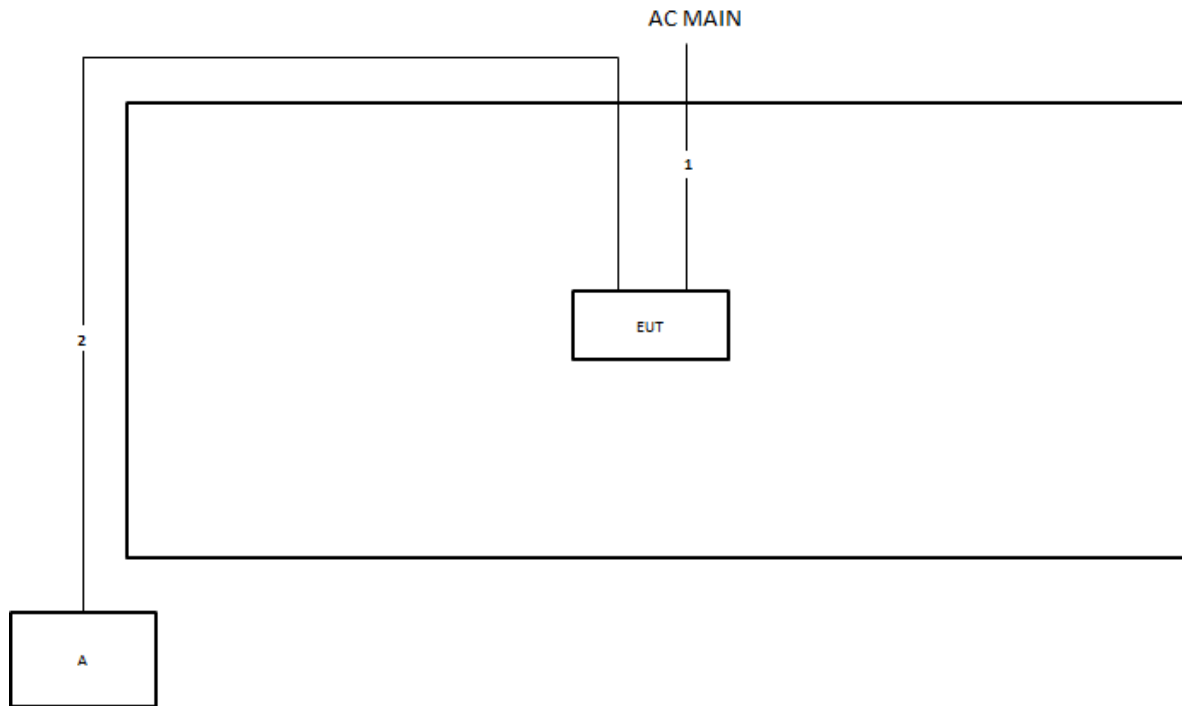
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


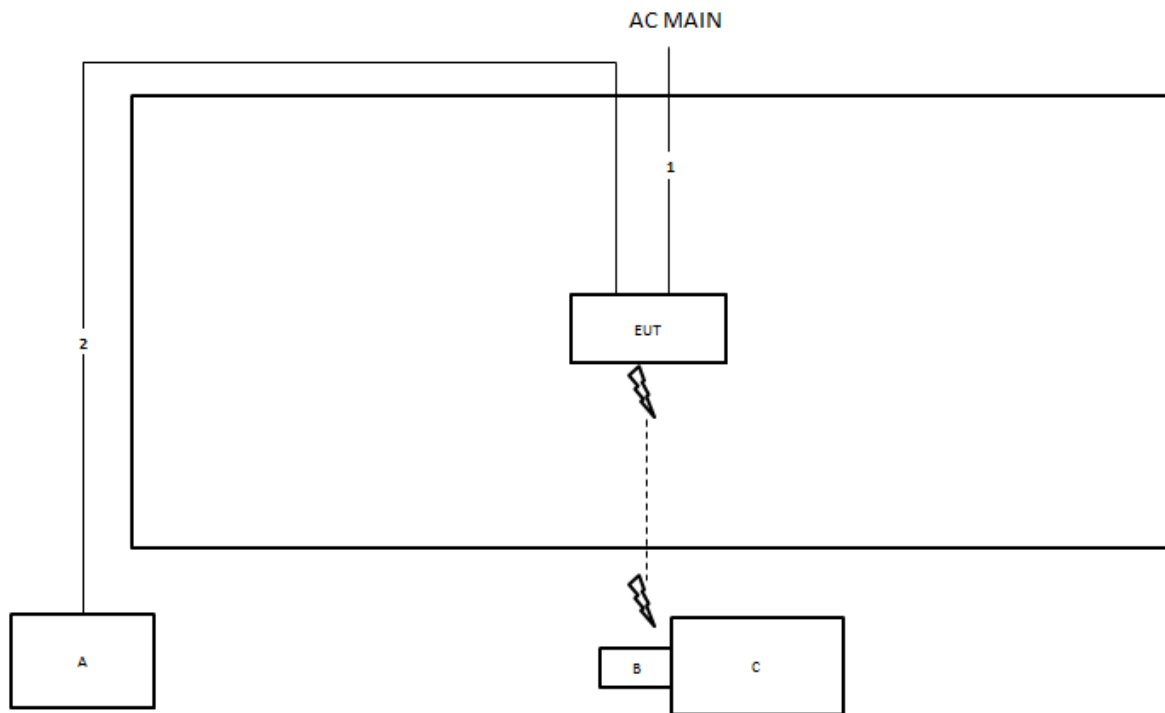
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	2m

**Test Setup Diagram - Radiated Test > 1GHz
Non-beamforming mode**



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

**Test Setup Diagram - Radiated Test > 1GHz
Beamforming mode**



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

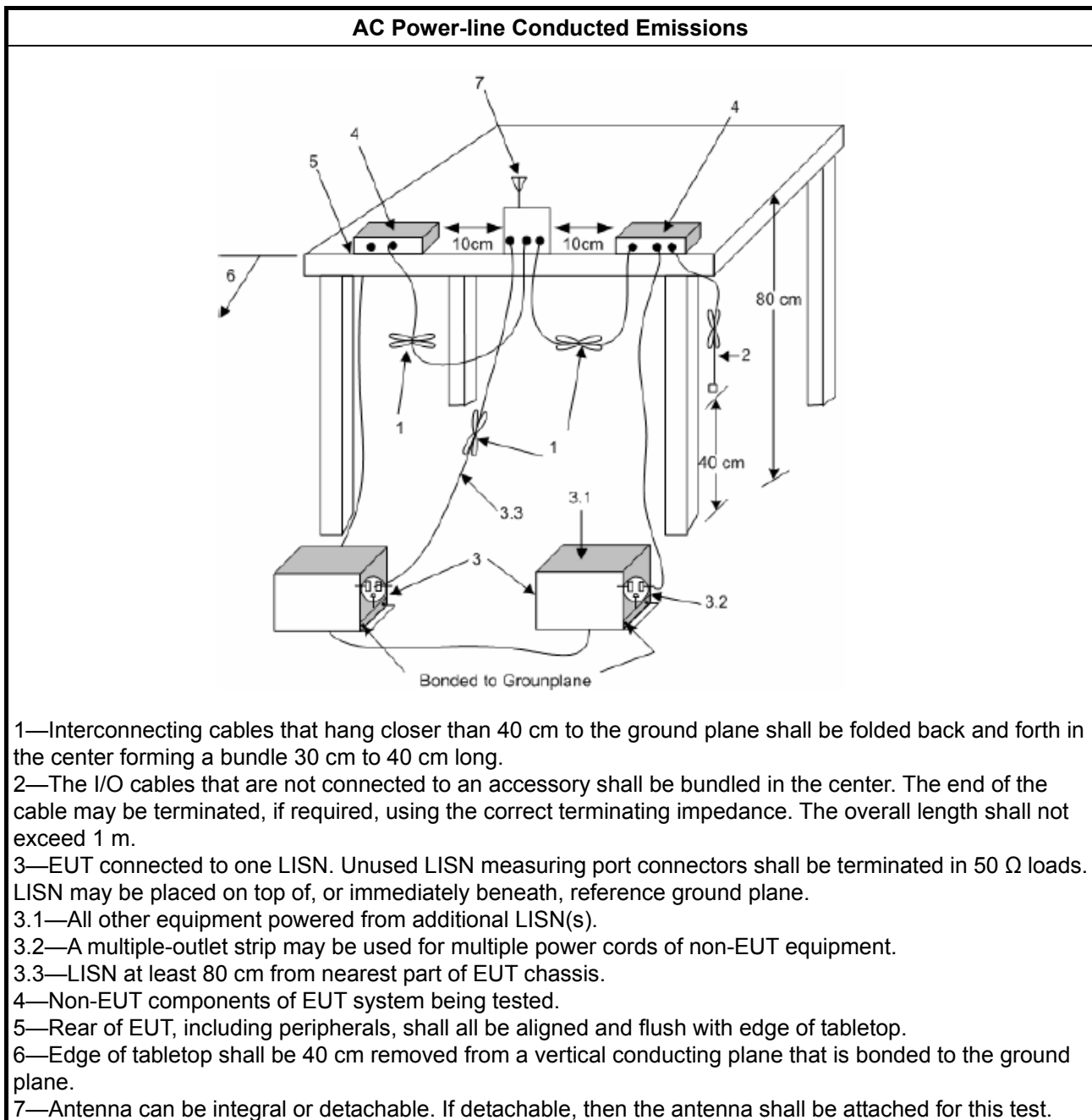
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup





3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. $\text{Corrected Reading (dBuV)} = \text{LISN Factor} + \text{Cable Loss} + \text{Read Level} = \text{Level}$
- b. $\text{Margin} = - \text{Limit} + (\text{Read Level} + \text{LISN Factor} + \text{Cable Loss})$

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

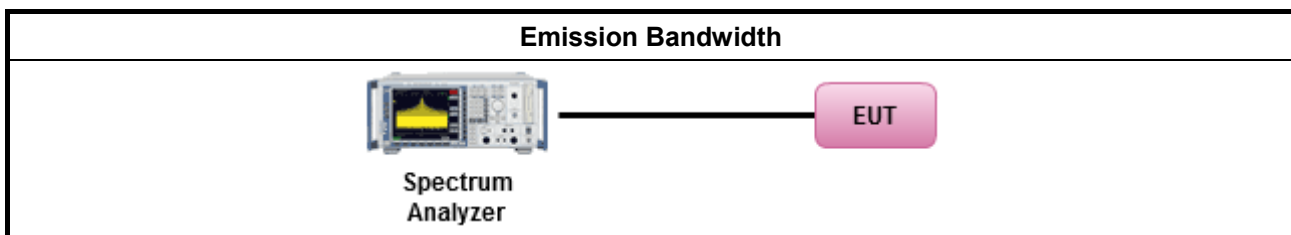
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	According to KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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

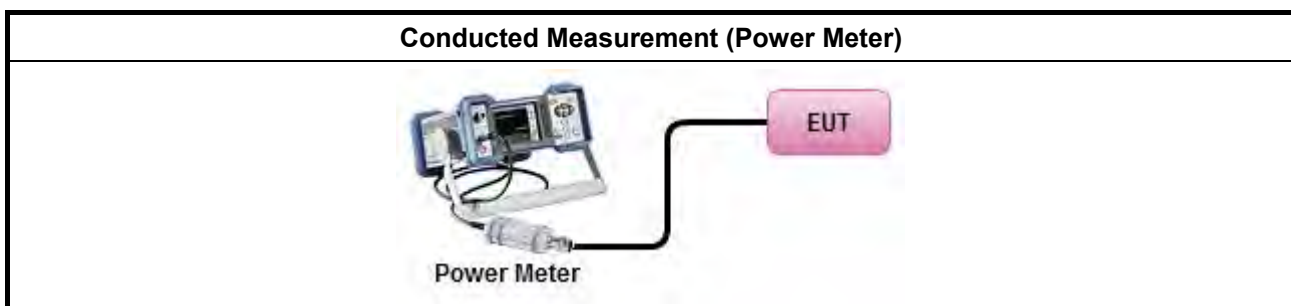
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	
☐ For radiated measurement.	
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

3.4.2 Measuring Instruments

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

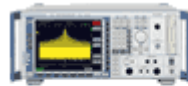
**3.4.3 Test Procedures**

Test Method	
According to KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐	For radiated measurement.
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

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

3.4.4 Test Setup

Conducted Measurement
The diagram shows a Spectrum Analyzer on the left, connected by a horizontal line to a pink box labeled 'EUT' on the right. Below the Spectrum Analyzer is the text 'Spectrum Analyzer'.



Spectrum
Analyzer

EUT

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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

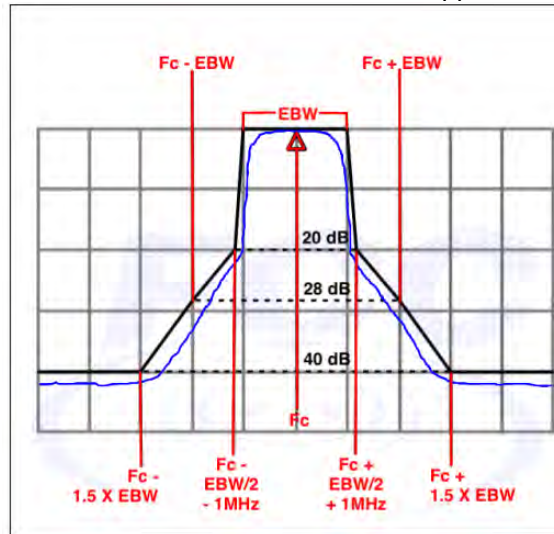
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance,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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$).
EX. Above 18GHz emission limit calculation (3m to 1m) = $54\text{dBuV/m at 3m} + 9.54\text{dB} = 63.54\text{dBuV/m at 1m}$.

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

5.945 – 7.125 GHz

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





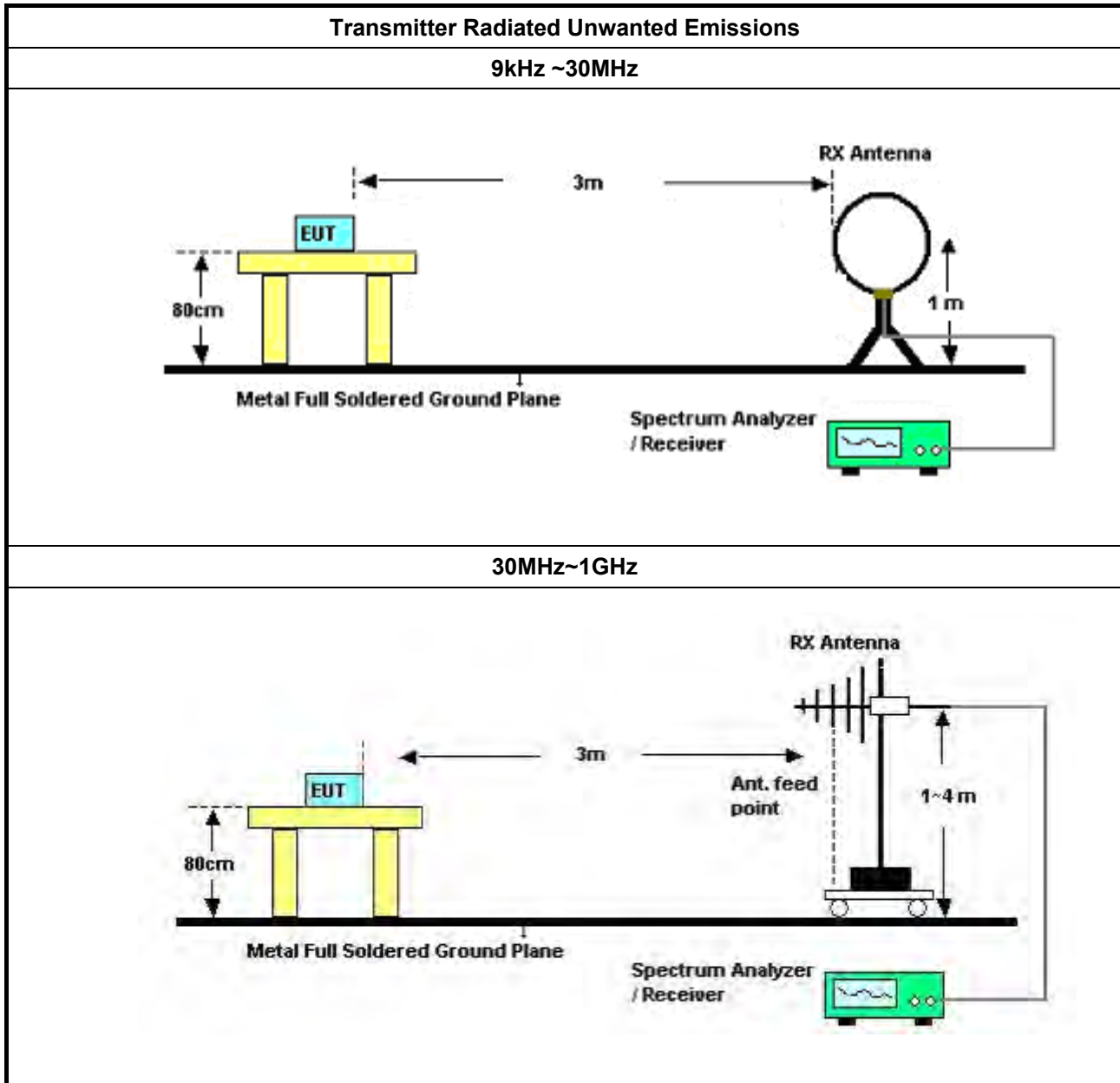
3.5.2 Measuring Instruments

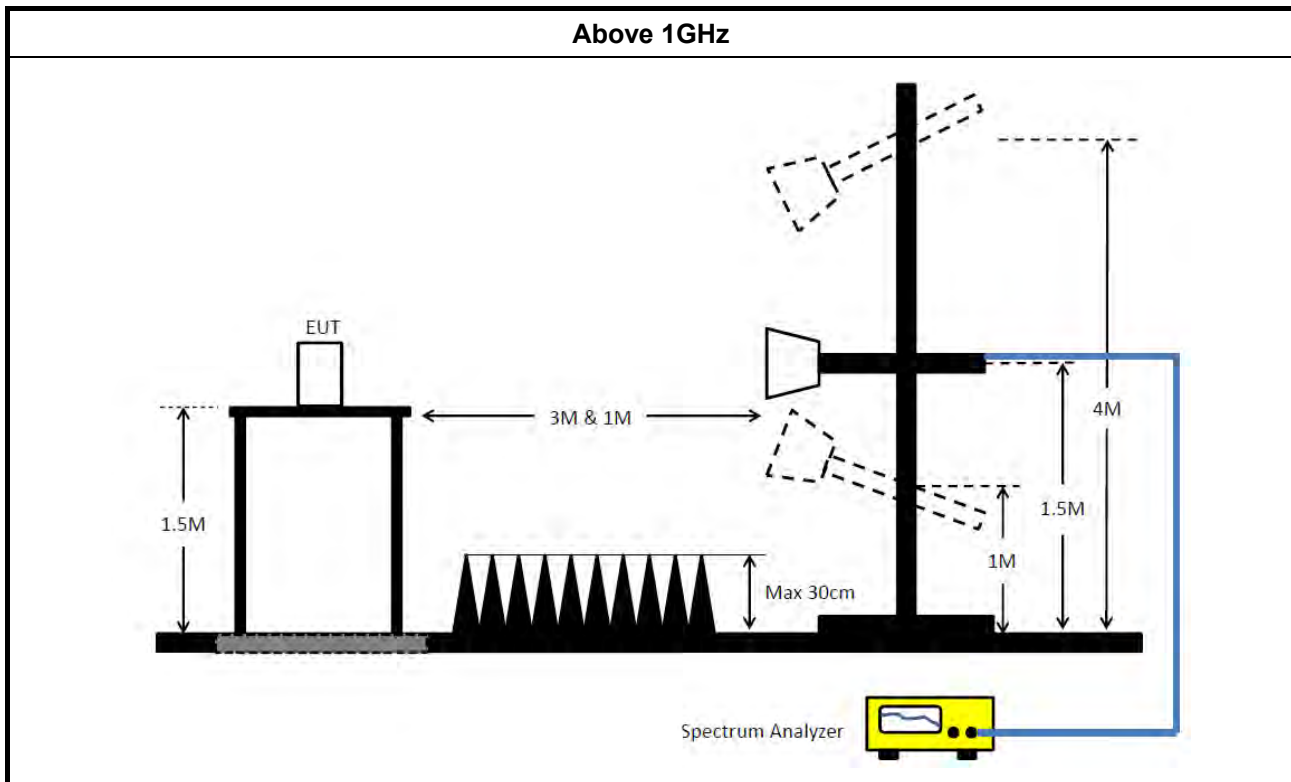
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
According to KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.	
For emission MASK shall be measured using following options below:	
	☒ Refer as FCC draft KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Contention Based Protocol

3.6.1 Contention Based Protocol Limit

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

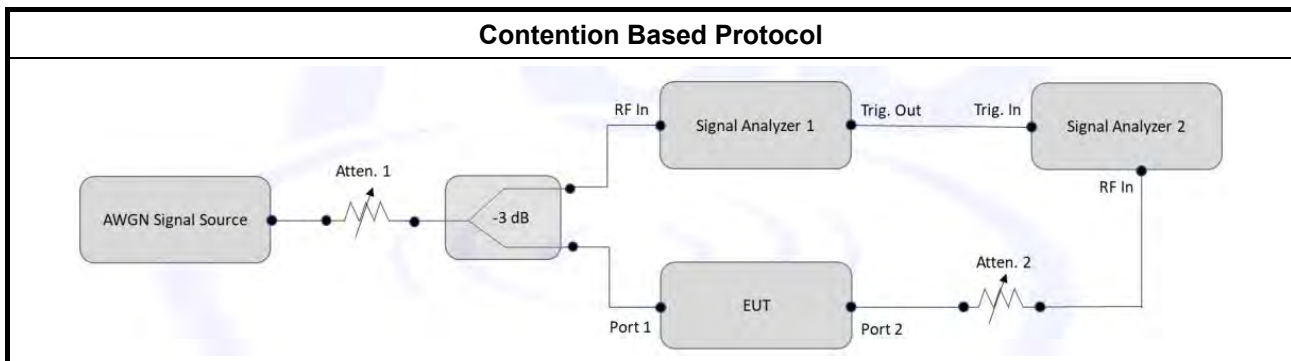
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F

3.7 Frequency Stability

3.7.1 Frequency Stability Limit

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

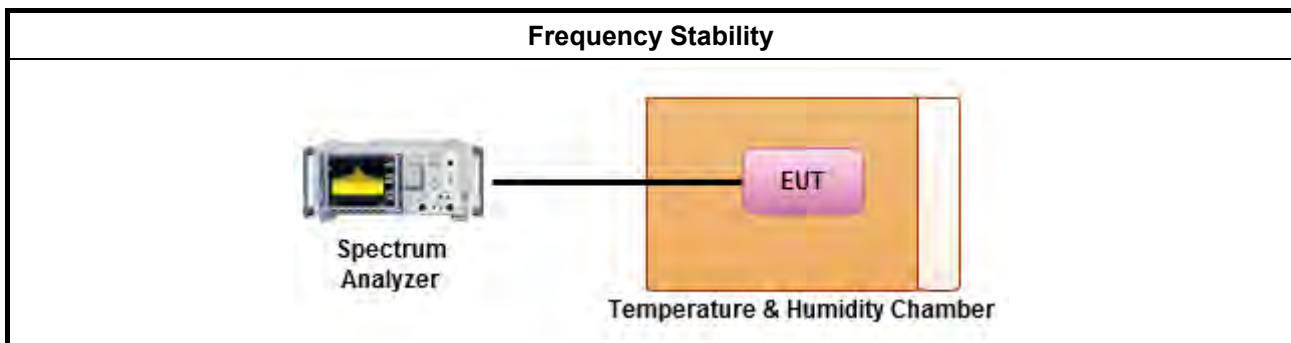
3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

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

3.7.4 Test Setup



3.7.5 Test Result of Frequency Stability

Refer as Appendix G



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	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. 14, 2021	Apr. 13, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 27, 2021	Jan. 26, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 26, 2022	Jan. 25, 2023	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 11, 2021	Jan. 10, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 10, 2022	Jan. 09, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz – 26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 06, 2021	Nov. 05, 2022	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 05, 2022	Jan. 04, 2023	Conducted (DF02-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 28, 2021	Dec. 27, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 25, 2021	Nov. 24, 2022	Conducted (DF02-CB)

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

NCR means Non-Calibration required.



Conducted Emissions at Powerline

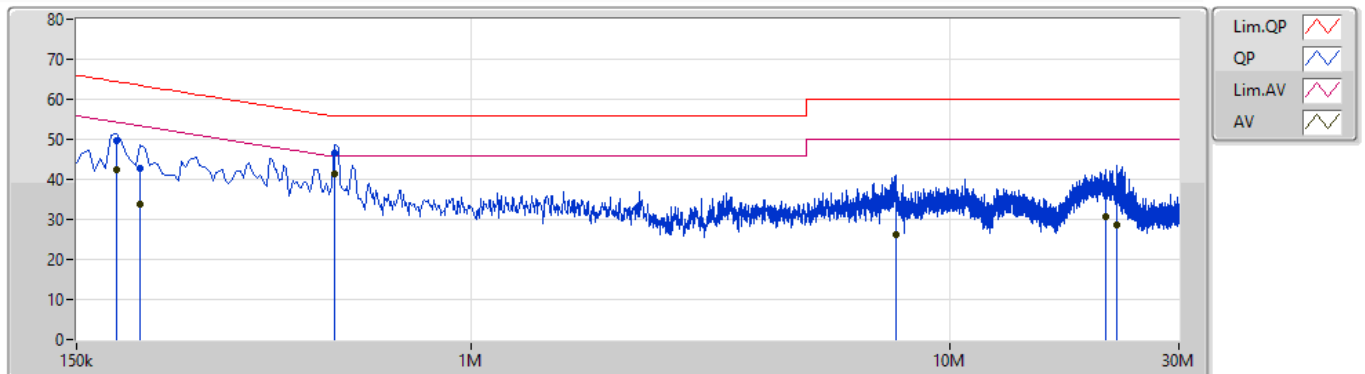
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	568.5k	41.98	46.00	-4.02	Neutral

Mode 1

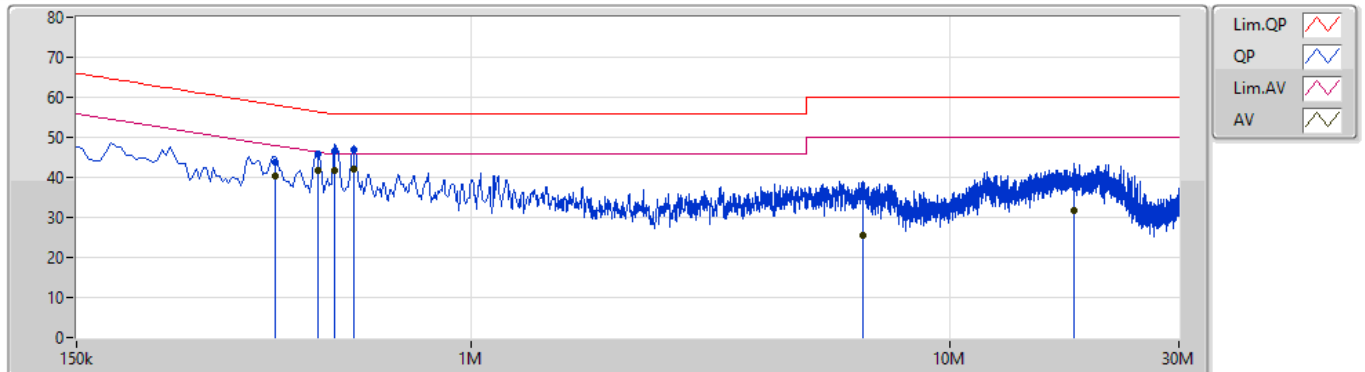
07/06/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	181.5k	49.82	64.41	-14.59	9.99	Line	-	39.83	0.06	0.04	9.89			
AV	181.5k	42.32	54.41	-12.09	9.99	Line	-	32.33	0.06	0.04	9.89			
QP	204k	42.75	63.44	-20.69	9.99	Line	-	32.76	0.06	0.04	9.89			
AV	204k	33.81	53.44	-19.63	9.99	Line	-	23.82	0.06	0.04	9.89			
QP	519k	46.54	56.00	-9.46	10.00	Line	-	36.54	0.06	0.05	9.89			
AV	519k	41.34	46.00	-4.66	10.00	Line	"Worst"	31.34	0.06	0.05	9.89			
QP	7.683M	35.26	60.00	-24.74	10.23	Line	-	25.03	0.19	0.14	9.90			
AV	7.683M	26.20	50.00	-23.80	10.23	Line	-	15.97	0.19	0.14	9.90			
QP	21.062M	37.65	60.00	-22.35	10.50	Line	-	27.15	0.31	0.23	9.96			
AV	21.062M	30.53	50.00	-19.47	10.50	Line	-	20.03	0.31	0.23	9.96			
QP	22.281M	36.19	60.00	-23.81	10.54	Line	-	25.65	0.33	0.25	9.96			
AV	22.281M	28.75	50.00	-21.25	10.54	Line	-	18.21	0.33	0.25	9.96			

Mode 1

07/06/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	388.5k	43.88	58.10	-14.22	10.02	Neutral	-	33.86	0.07	0.06	9.89			
AV	388.5k	40.42	48.10	-7.68	10.02	Neutral	-	30.40	0.07	0.06	9.89			
QP	478.5k	45.84	56.36	-10.52	10.02	Neutral	-	35.82	0.07	0.06	9.89			
AV	478.5k	41.66	46.36	-4.70	10.02	Neutral	-	31.64	0.07	0.06	9.89			
QP	519k	46.66	56.00	-9.34	10.01	Neutral	-	36.65	0.07	0.05	9.89			
AV	519k	41.63	46.00	-4.37	10.01	Neutral	-	31.62	0.07	0.05	9.89			
QP	568.5k	46.76	56.00	-9.24	10.01	Neutral	-	36.75	0.07	0.05	9.89			
AV	568.5k	41.98	46.00	-4.02	10.01	Neutral	"Worst"	31.97	0.07	0.05	9.89			
QP	6.554M	35.30	60.00	-24.70	10.22	Neutral	-	25.08	0.19	0.13	9.90			
AV	6.554M	25.42	50.00	-24.58	10.22	Neutral	-	15.20	0.19	0.13	9.90			
QP	18.078M	38.43	60.00	-21.57	10.44	Neutral	-	27.99	0.29	0.20	9.95			
AV	18.078M	31.85	50.00	-18.15	10.44	Neutral	-	21.41	0.29	0.20	9.95			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	23.91M	19.49M	19M5D1D	19.92M	18.651M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.58M	38.801M	38M8D1D	40.8M	37.361M
802.11ax HEW80_Nss1,(MCS0)_4TX	85.56M	78.321M	78M3D1D	80.4M	76.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	189.6M	157.361M	157MD1D	162.24M	154.003M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	23.49M	19.25M	19M2D1D	20.64M	18.171M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.76M	39.1M	39M1D1D	41.1M	38.321M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.4M	78.681M	78M7D1D	82.56M	77.961M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	24.6M	19.46M	19M5D1D	21.3M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.4M	38.681M	38M7D1D	41.7M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	84.96M	78.081M	78M1D1D	81.36M	77.121M
802.11ax HEW160_Nss1,(MCS0)_4TX	173.04M	157.121M	157MD1D	165.6M	155.202M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	23.94M	19.43M	19M4D1D	21M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.88M	38.741M	38M7D1D	41.04M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	85.68M	78.441M	78M4D1D	82.92M	77.721M
802.11ax HEW160_Nss1,(MCS0)_4TX	169.92M	157.121M	157MD1D	165.6M	156.642M

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

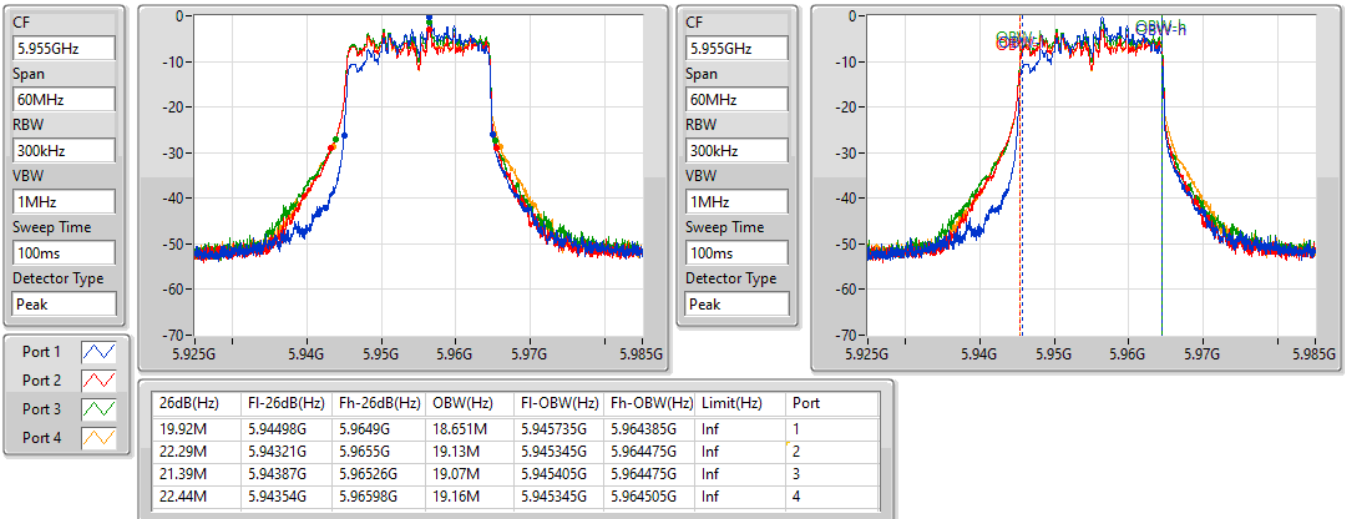
Result

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	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	19.92M	18.651M	22.29M	19.13M	21.39M	19.07M	22.44M	19.16M
6175MHz	Pass	Inf	23.91M	19.49M	22.8M	19.25M	23.19M	19.31M	23.73M	19.34M
6415MHz	Pass	Inf	20.82M	18.651M	21.96M	19.04M	22.08M	19.04M	22.29M	19.1M
6435MHz	Pass	Inf	20.64M	18.171M	23.28M	19.22M	23.43M	19.16M	22.83M	19.19M
6475MHz	Pass	Inf	21.57M	18.921M	23.25M	19.19M	23.1M	19.19M	23.22M	19.22M
6515MHz	Pass	Inf	21.06M	19.04M	23.04M	19.22M	22.35M	19.16M	23.49M	19.25M
6535MHz	Pass	Inf	21.48M	19.01M	22.14M	19.1M	21.36M	19.07M	21.3M	19.07M
6695MHz	Pass	Inf	22.29M	19.07M	22.86M	19.04M	23.16M	19.07M	24.03M	19.1M
6855MHz	Pass	Inf	24.18M	19.46M	24.6M	19.31M	21.51M	19.19M	21.99M	19.16M
6895MHz	Pass	Inf	23.94M	19.43M	22.44M	19.25M	22.02M	19.16M	21.66M	19.16M
6995MHz	Pass	Inf	22.86M	19.16M	22.83M	19.13M	21.24M	19.04M	21M	19.04M
7095MHz	Pass	Inf	21.75M	18.951M	23.31M	19.19M	22.59M	19.1M	22.14M	19.16M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	43.02M	38.621M	42.6M	38.201M	42.48M	38.321M	41.82M	38.201M
6165MHz	Pass	Inf	41.58M	37.361M	44.58M	38.681M	43.32M	38.021M	41.94M	38.021M
6405MHz	Pass	Inf	43.26M	38.801M	42.3M	38.381M	40.8M	38.261M	41.88M	38.261M
6445MHz	Pass	Inf	41.1M	38.681M	41.94M	38.381M	42.54M	38.561M	42.66M	38.321M
6485MHz	Pass	Inf	44.04M	39.1M	43.44M	38.801M	44.76M	38.981M	44.28M	38.801M
6565MHz	Pass	Inf	43.44M	38.681M	43.98M	38.441M	43.32M	38.501M	42.06M	38.261M
6685MHz	Pass	Inf	42.78M	38.141M	43.8M	38.621M	44.4M	38.681M	44.16M	38.441M
6845MHz	Pass	Inf	41.7M	37.601M	42.48M	38.021M	41.7M	37.841M	42.66M	37.961M
6925MHz	Pass	Inf	41.04M	37.721M	41.94M	38.321M	41.64M	38.261M	41.88M	38.501M
7005MHz	Pass	Inf	44.88M	38.741M	43.14M	38.561M	42.42M	38.441M	41.28M	38.261M
7085MHz	Pass	Inf	42.18M	38.441M	42.06M	38.381M	42.42M	38.441M	41.58M	38.261M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.56M	77.841M	84M	77.481M	82.68M	77.721M	83.76M	77.721M
6145MHz	Pass	Inf	83.52M	76.882M	85.56M	78.201M	83.88M	77.481M	84M	77.721M
6385MHz	Pass	Inf	81.36M	78.321M	80.4M	77.961M	80.88M	78.081M	81M	77.961M
6465MHz	Pass	Inf	82.56M	78.681M	83.04M	78.081M	83.04M	78.201M	83.4M	77.961M
6625MHz	Pass	Inf	82.8M	77.841M	83.4M	77.841M	82.32M	77.841M	84.96M	77.841M
6705MHz	Pass	Inf	81.36M	77.121M	82.68M	77.841M	82.44M	77.481M	82.8M	77.721M
6785MHz	Pass	Inf	82.8M	77.361M	84.36M	78.081M	83.4M	77.601M	82.68M	77.841M
6945MHz	Pass	Inf	85.44M	77.841M	85.68M	78.441M	85.2M	78.081M	82.92M	77.721M
7025MHz	Pass	Inf	83.4M	77.721M	84.72M	77.961M	85.44M	78.081M	84.36M	77.841M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	162.24M	154.003M	188.88M	156.882M	189.36M	156.882M	189.6M	157.121M
6185MHz	Pass	Inf	168M	156.882M	167.52M	157.121M	165.36M	156.882M	168.48M	157.361M
6345MHz	Pass	Inf	163.44M	154.483M	164.64M	157.361M	165.6M	157.121M	165.6M	157.361M
6665MHz	Pass	Inf	172.32M	155.202M	166.08M	156.882M	173.04M	157.121M	165.6M	156.882M
6985MHz	Pass	Inf	169.92M	156.642M	165.84M	157.121M	166.08M	156.882M	165.6M	157.121M

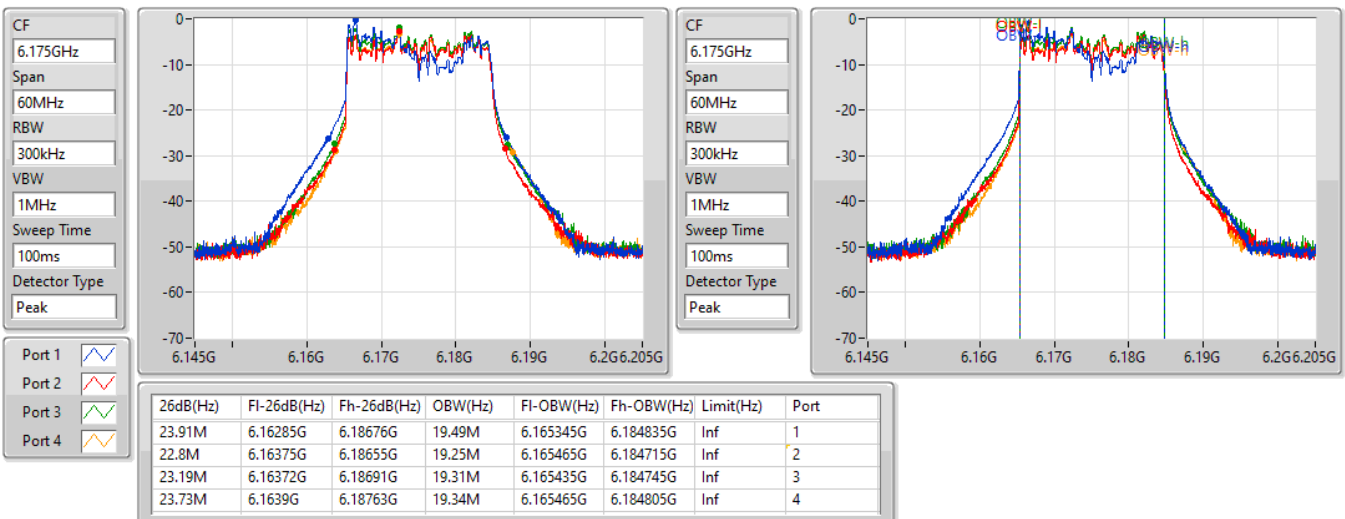
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5955MHz

26/02/2022

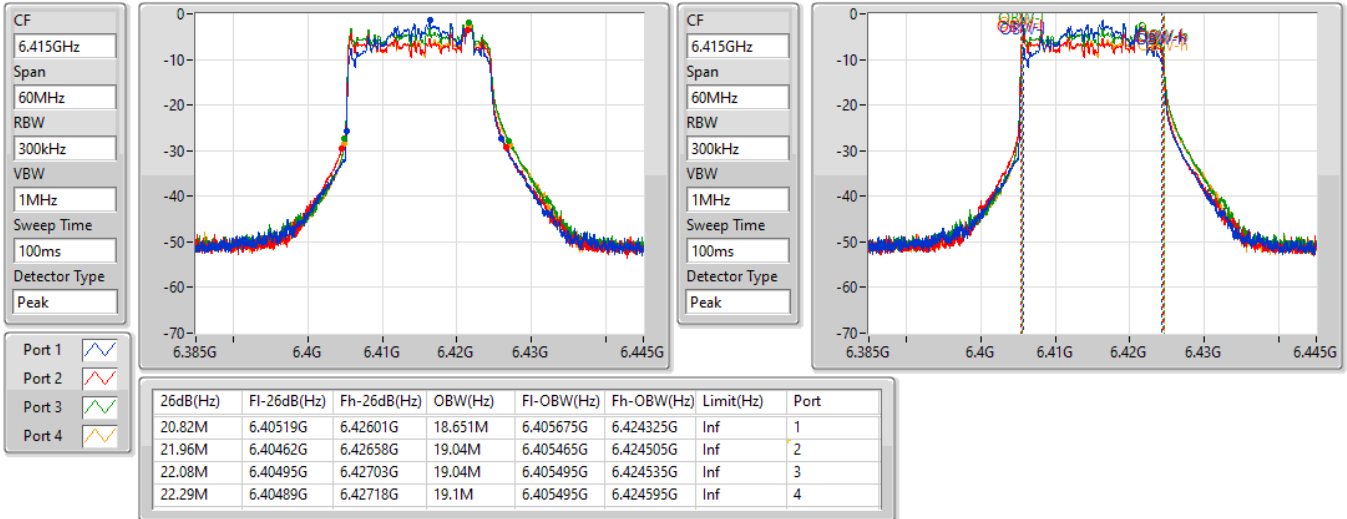

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6175MHz

26/02/2022

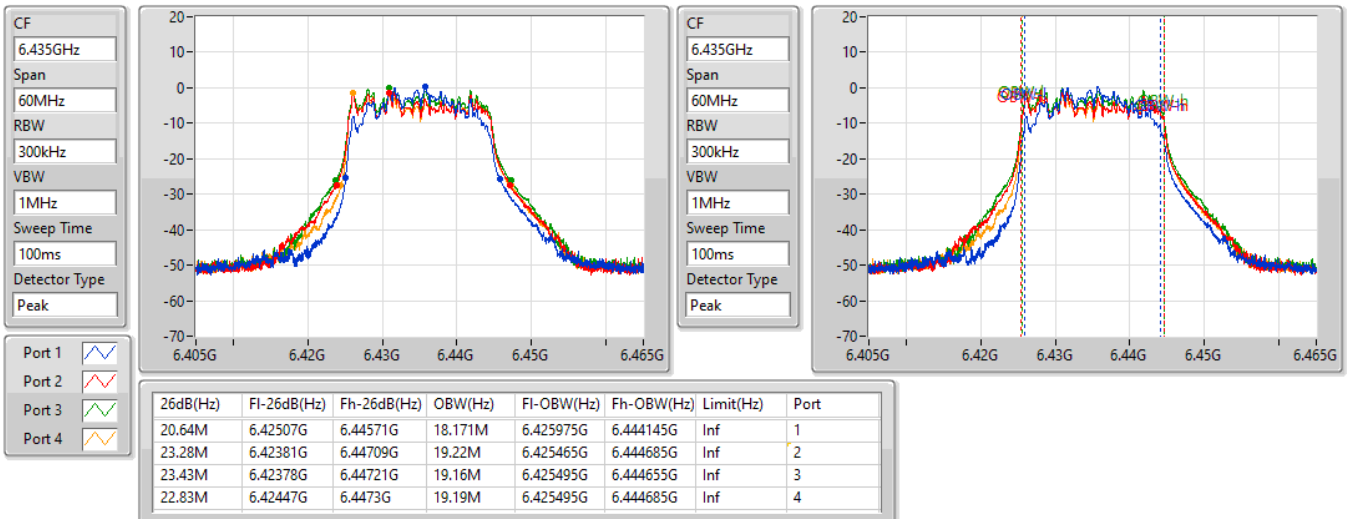


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6415MHz

26/02/2022

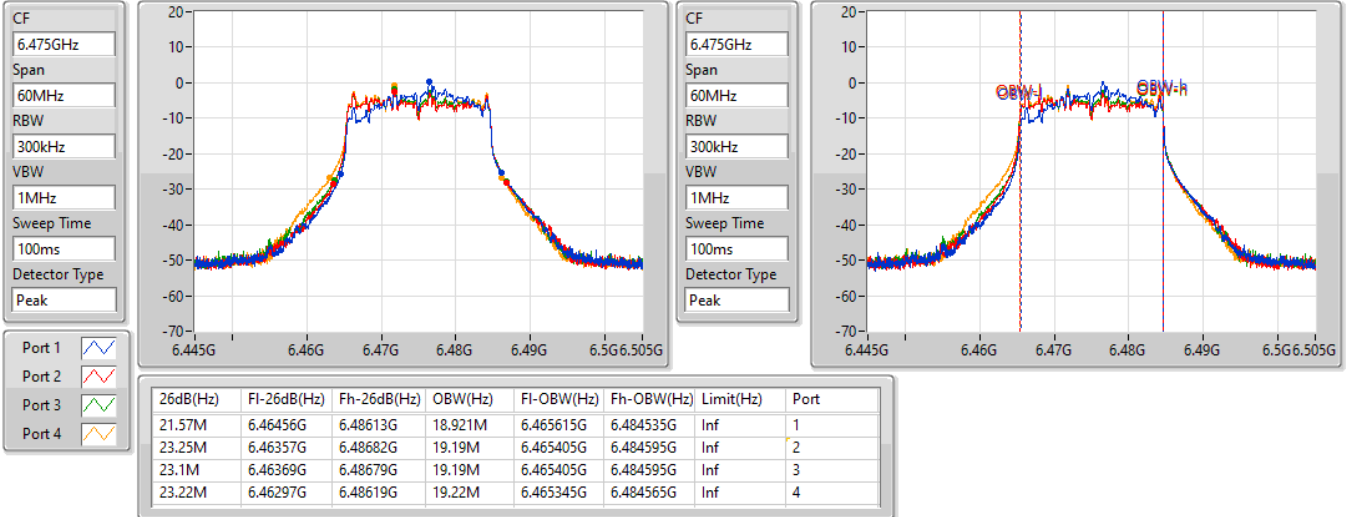

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EBW
6435MHz

26/02/2022

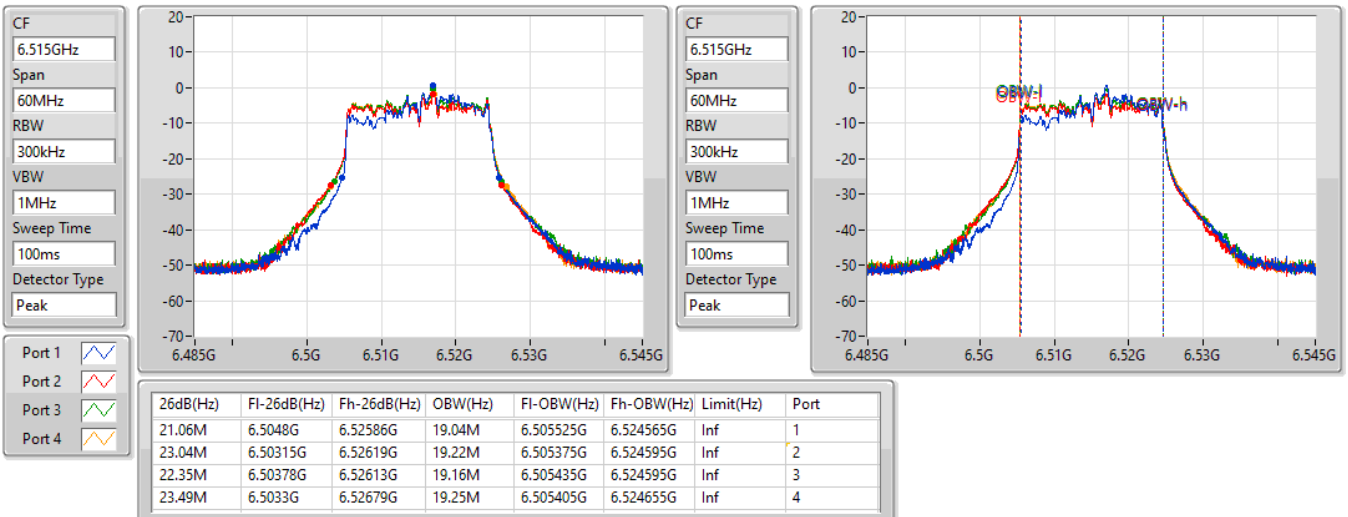


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EBW
6475MHz

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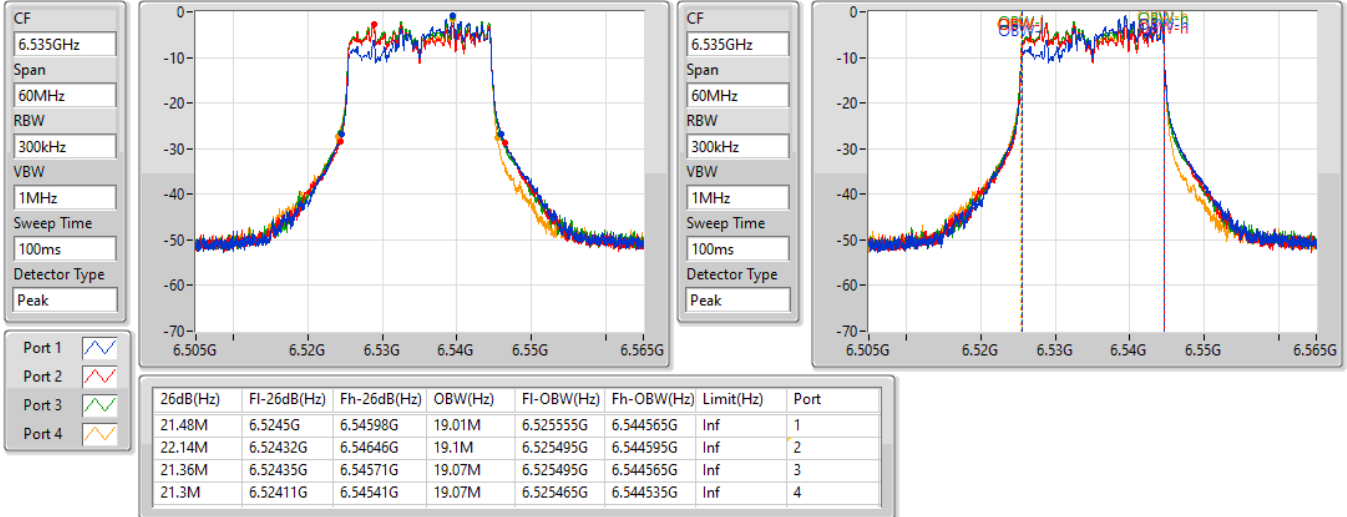

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EBW
6515MHz

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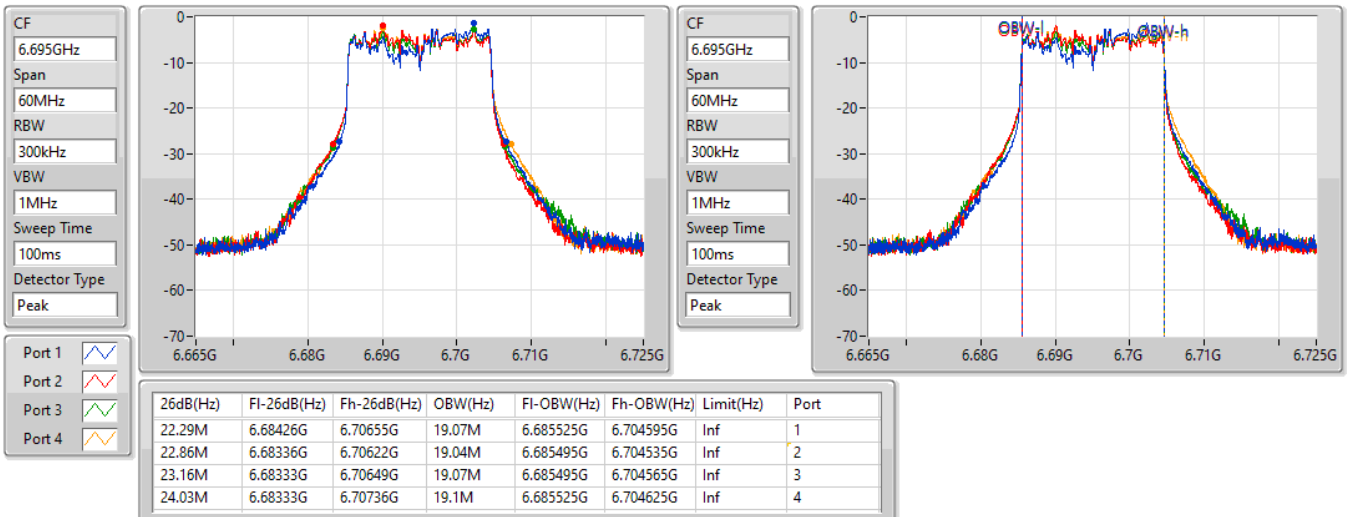


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6535MHz

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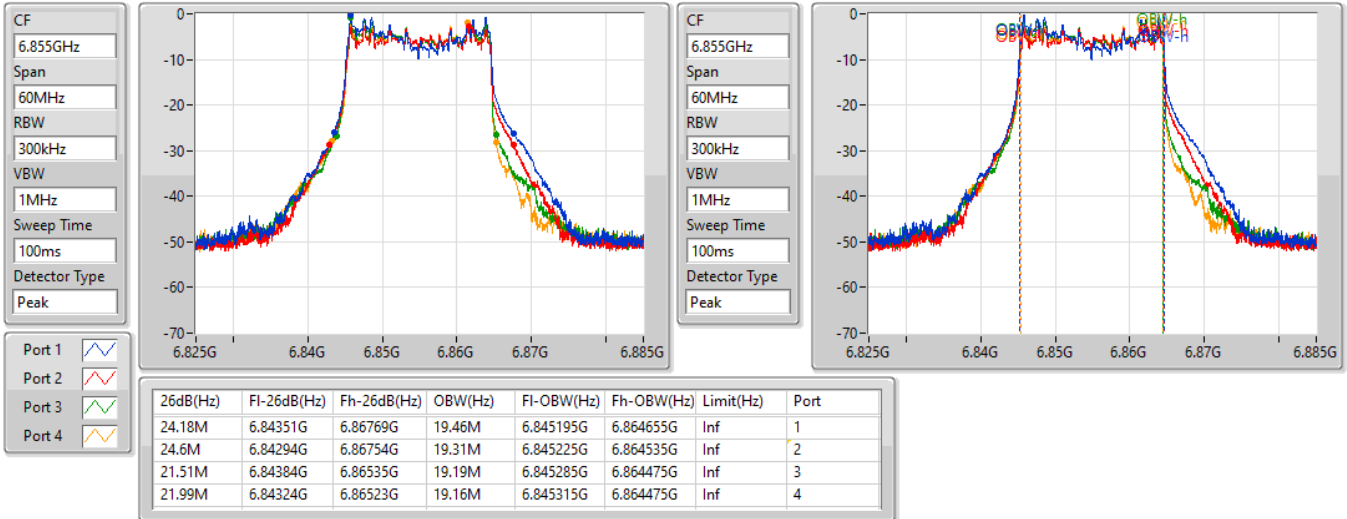

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6695MHz

26/02/2022

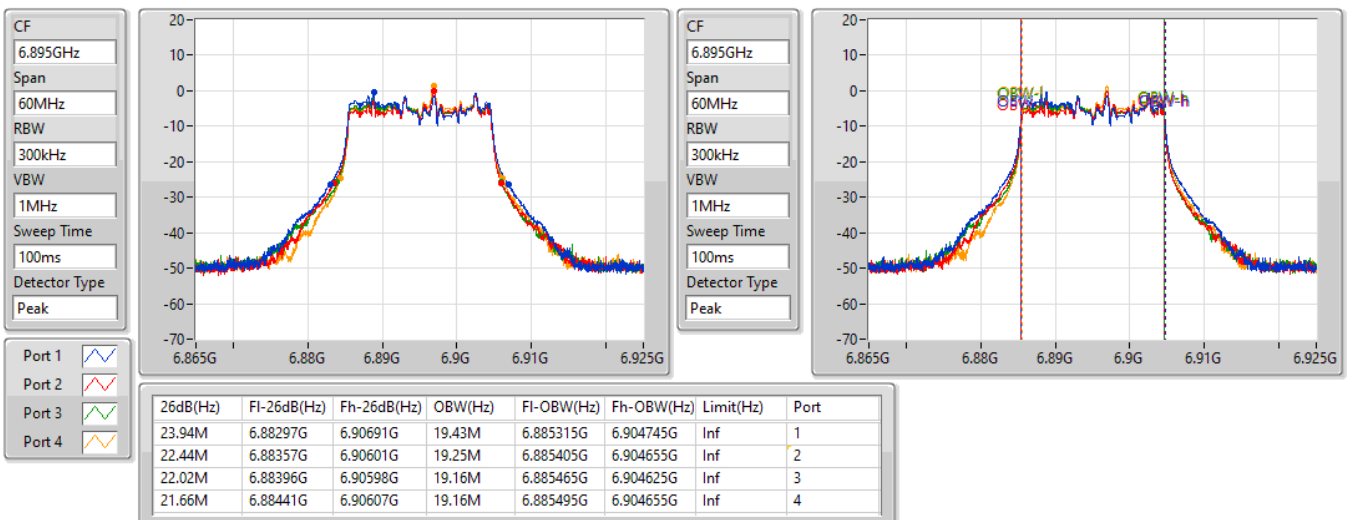


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6855MHz

26/02/2022

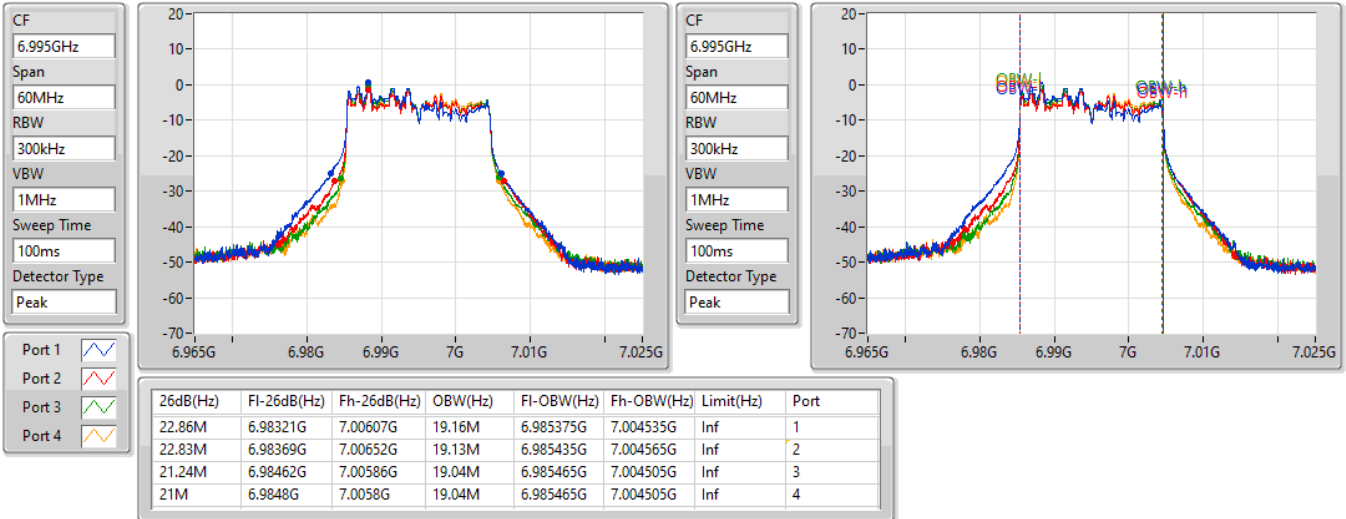

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6895MHz

26/02/2022

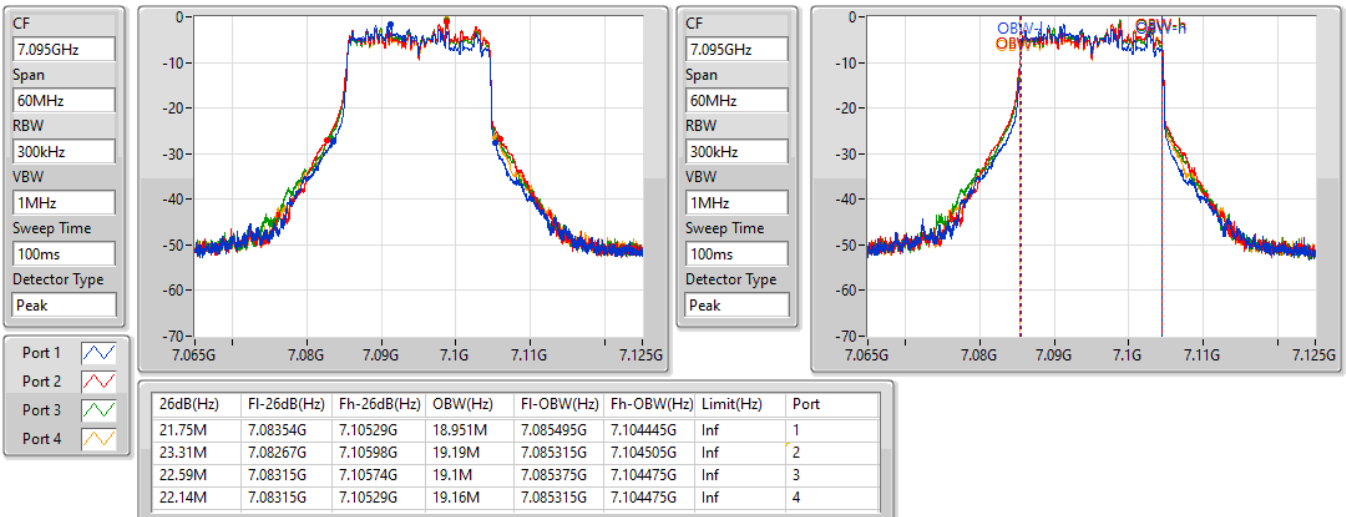


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
6995MHz

26/02/2022

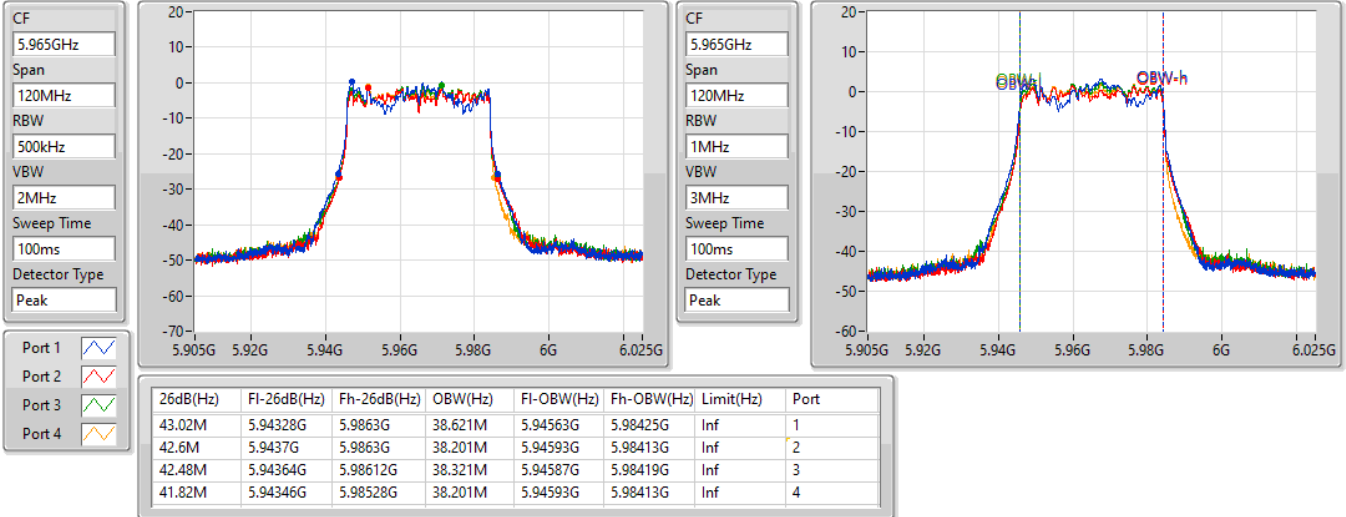

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
7095MHz

26/02/2022

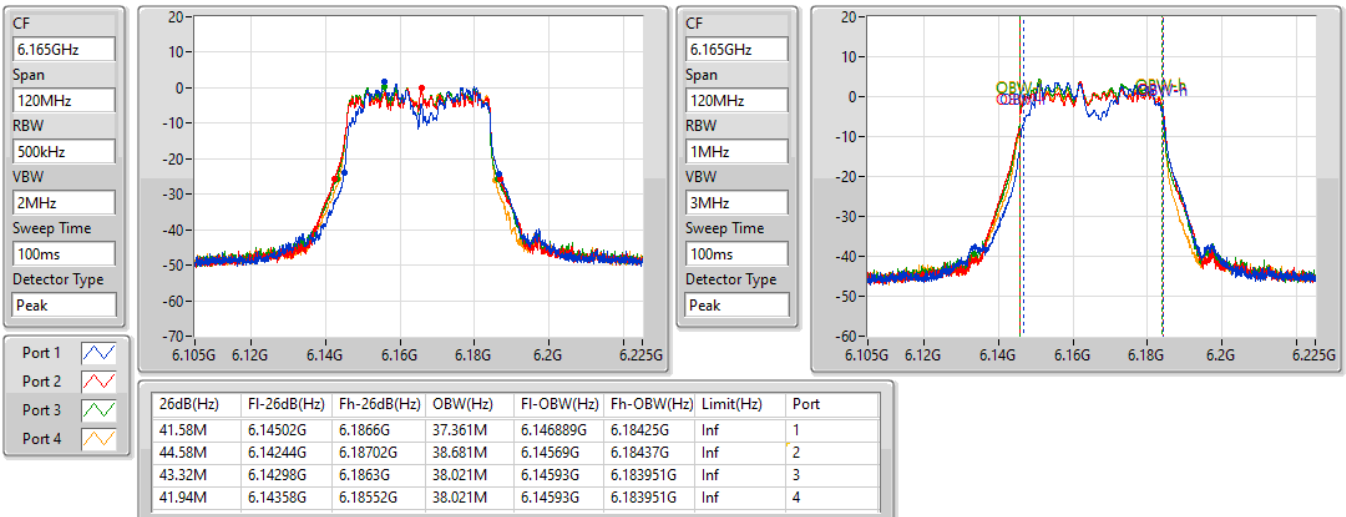


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5965MHz

26/02/2022

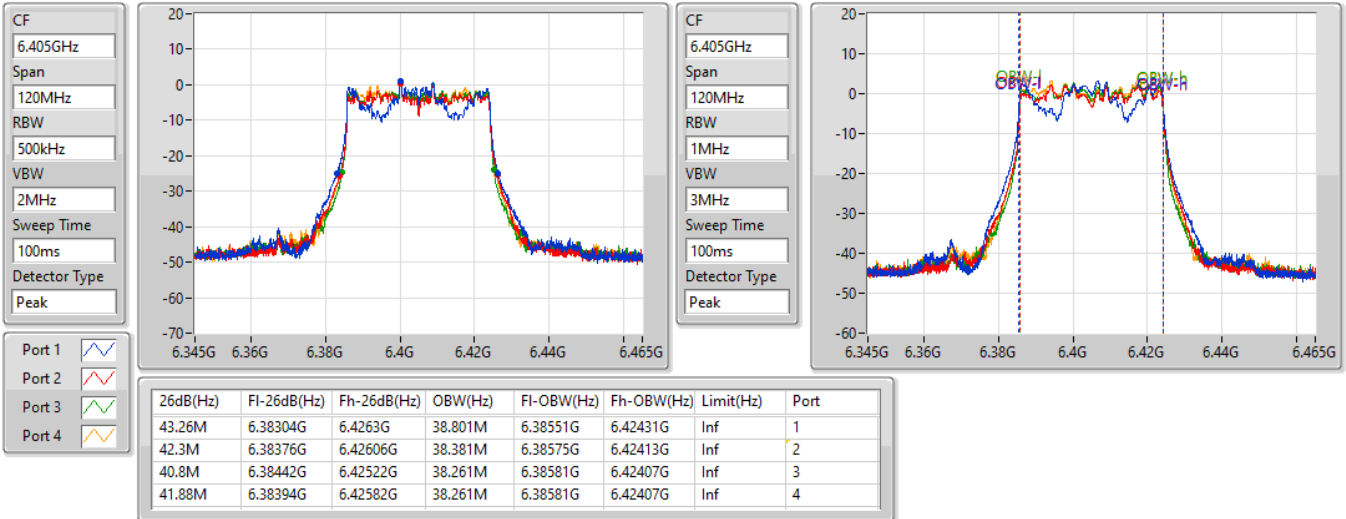

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6165MHz

26/02/2022

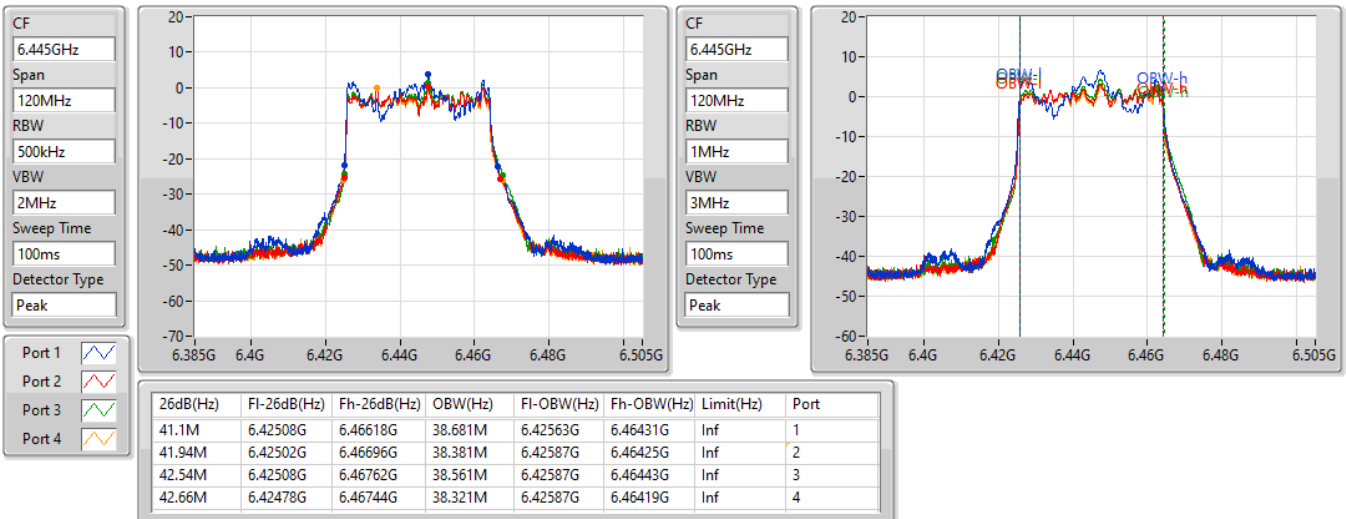


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6405MHz

26/02/2022

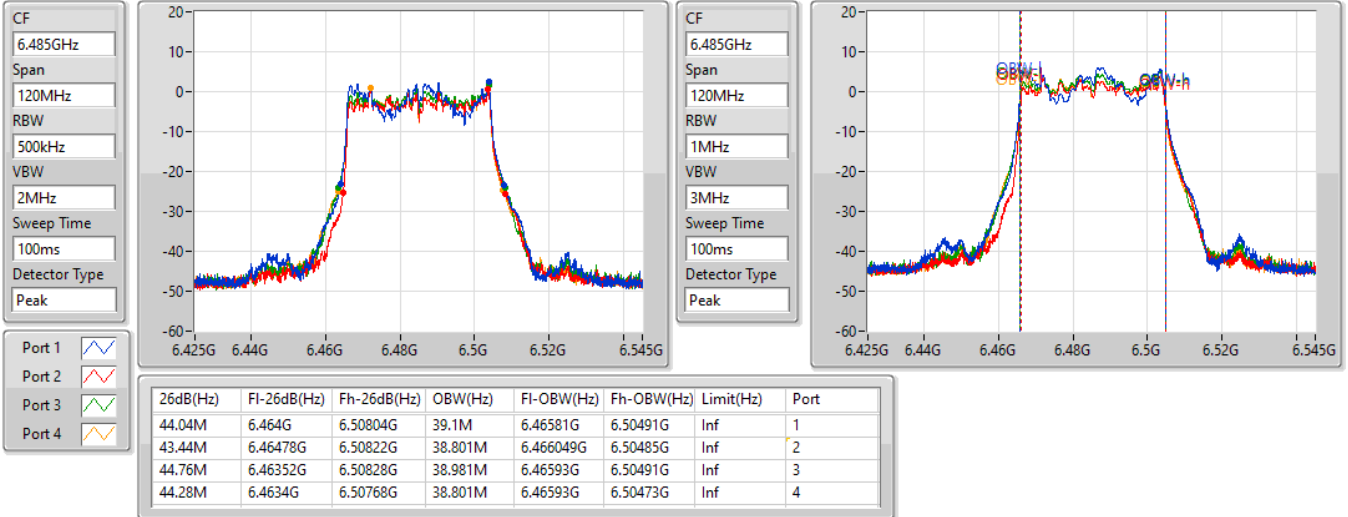

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6445MHz

26/02/2022

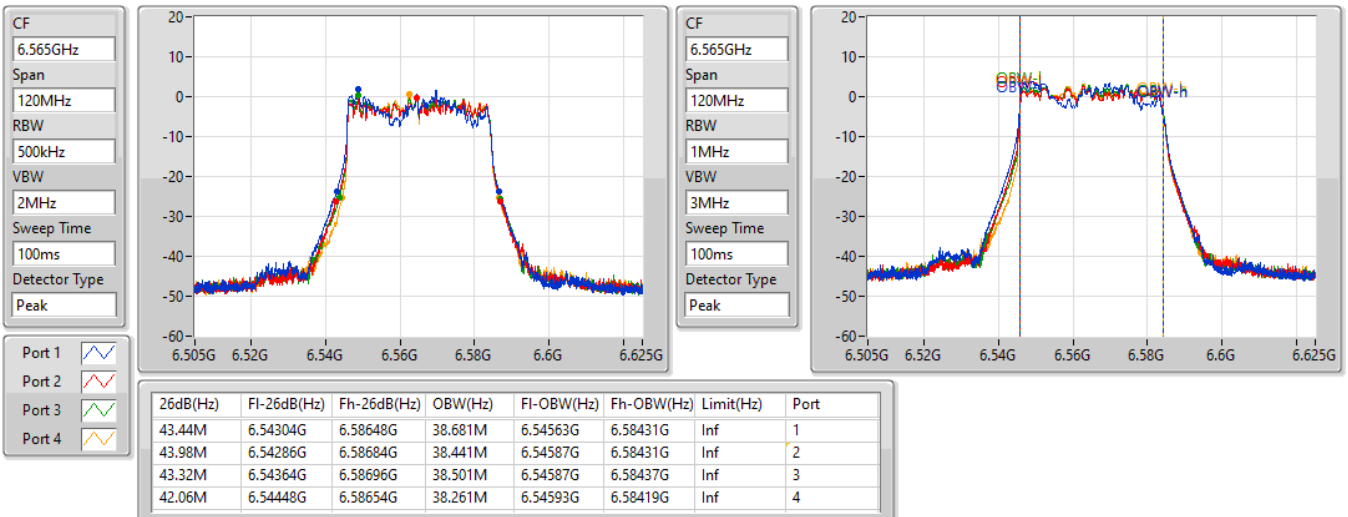


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6485MHz

26/02/2022

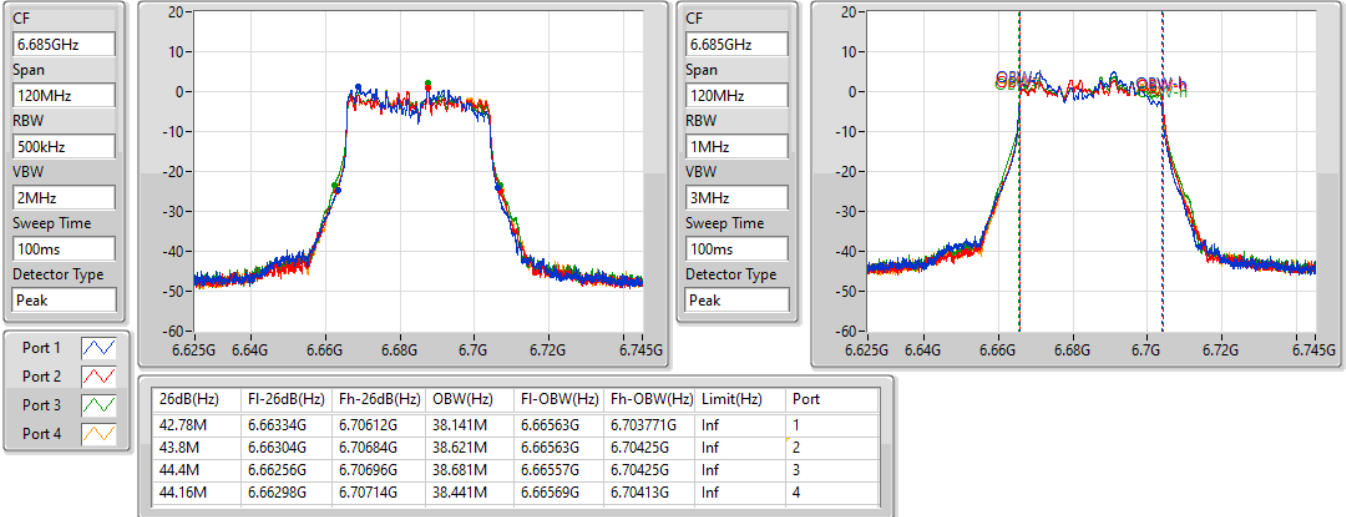

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6565MHz

26/02/2022

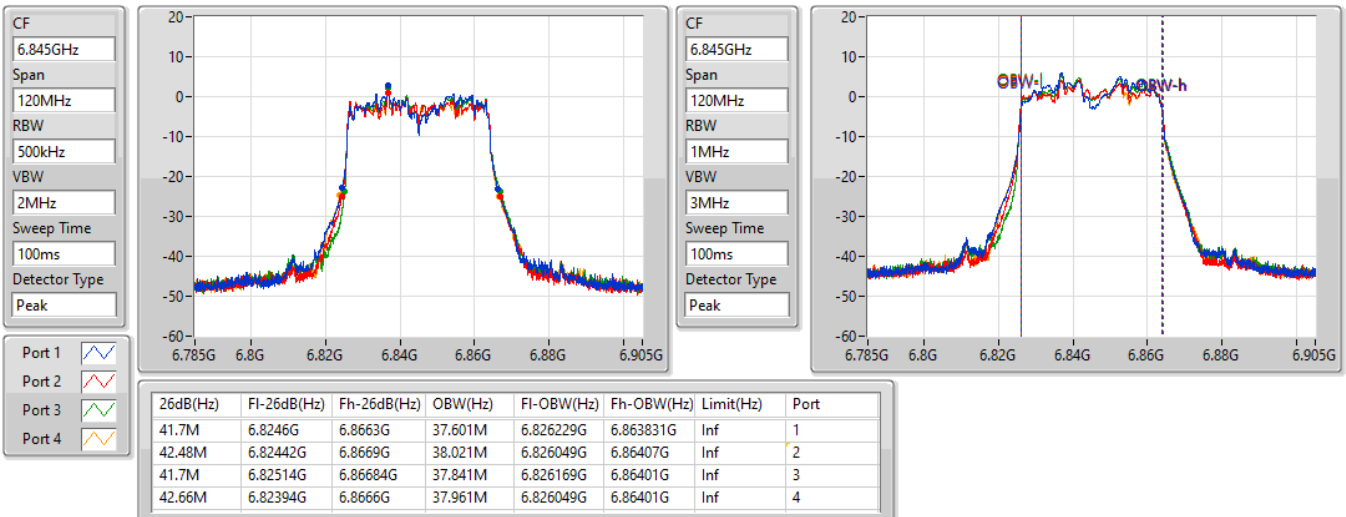


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6685MHz

26/02/2022

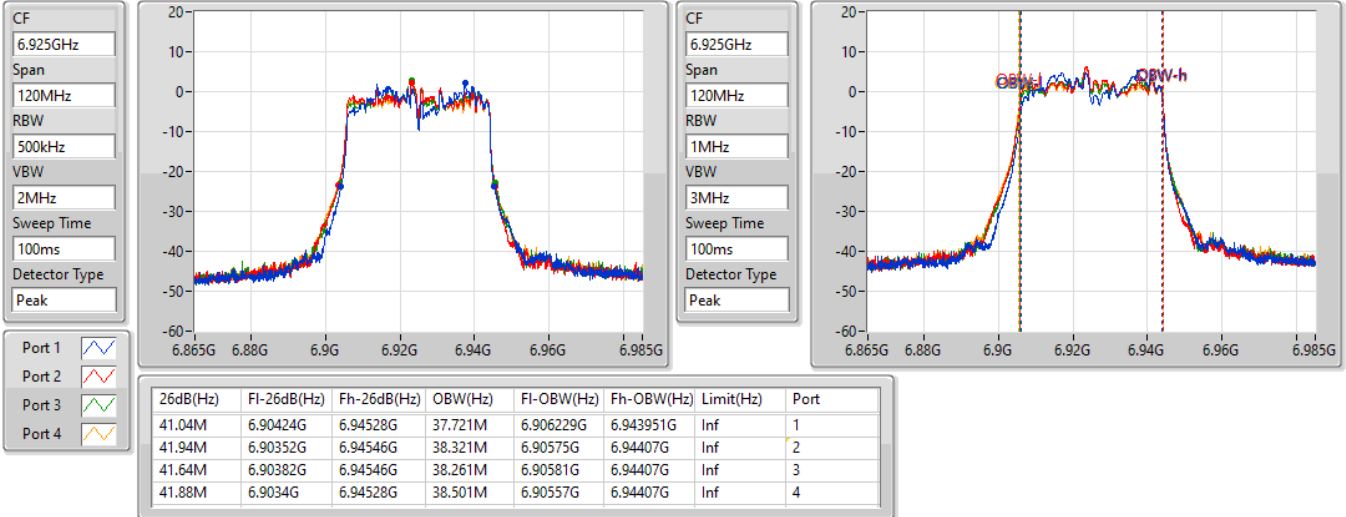

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6845MHz

26/02/2022

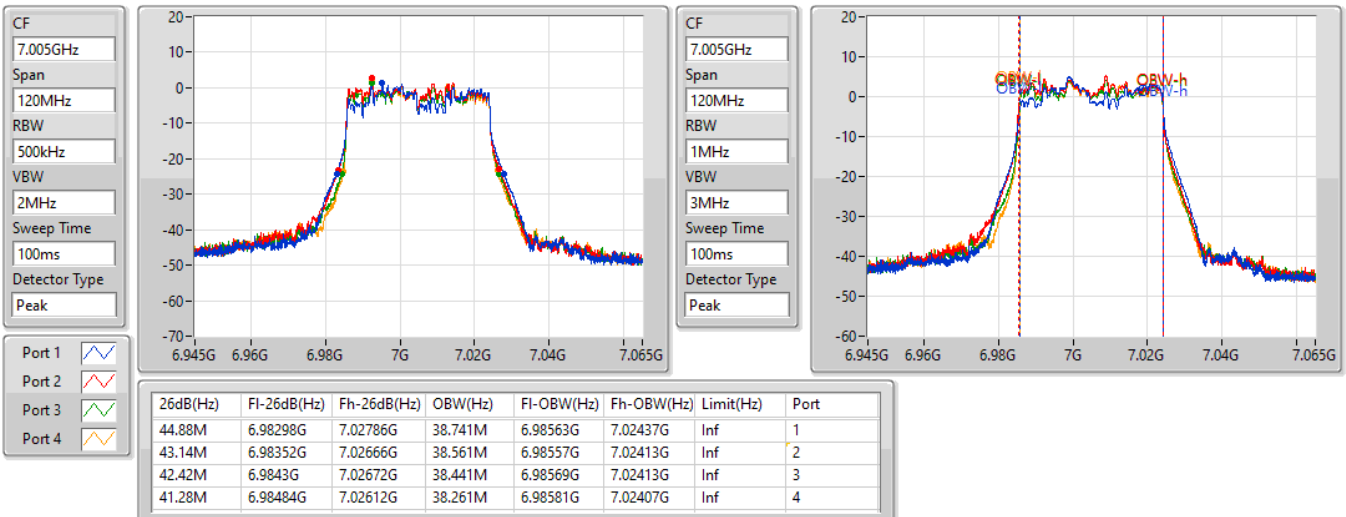


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
6925MHz

26/02/2022

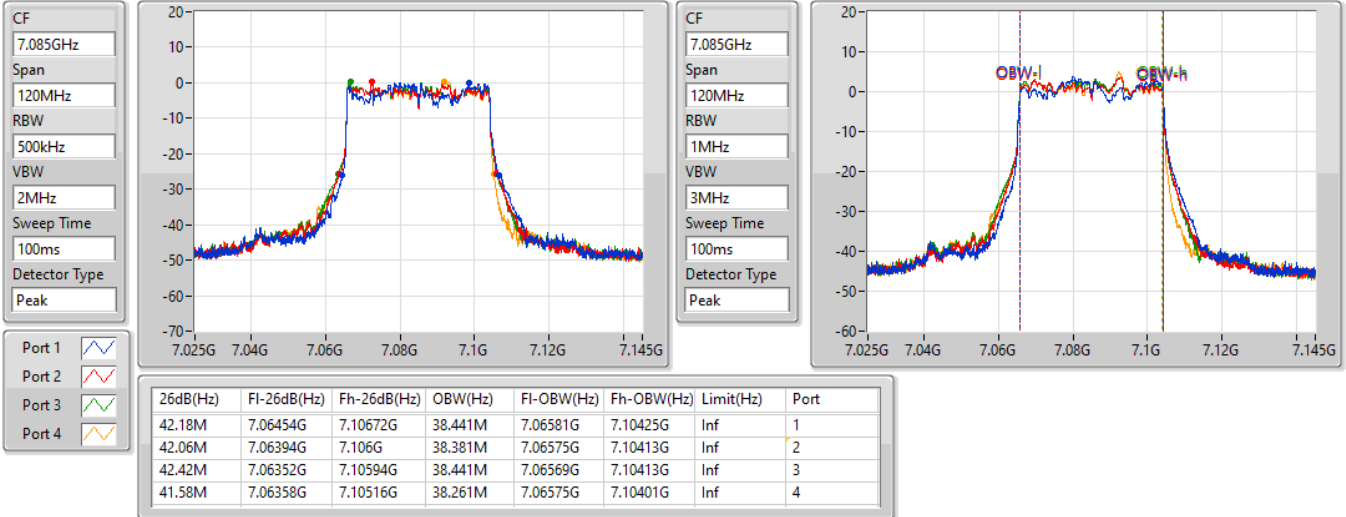

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
7005MHz

26/02/2022

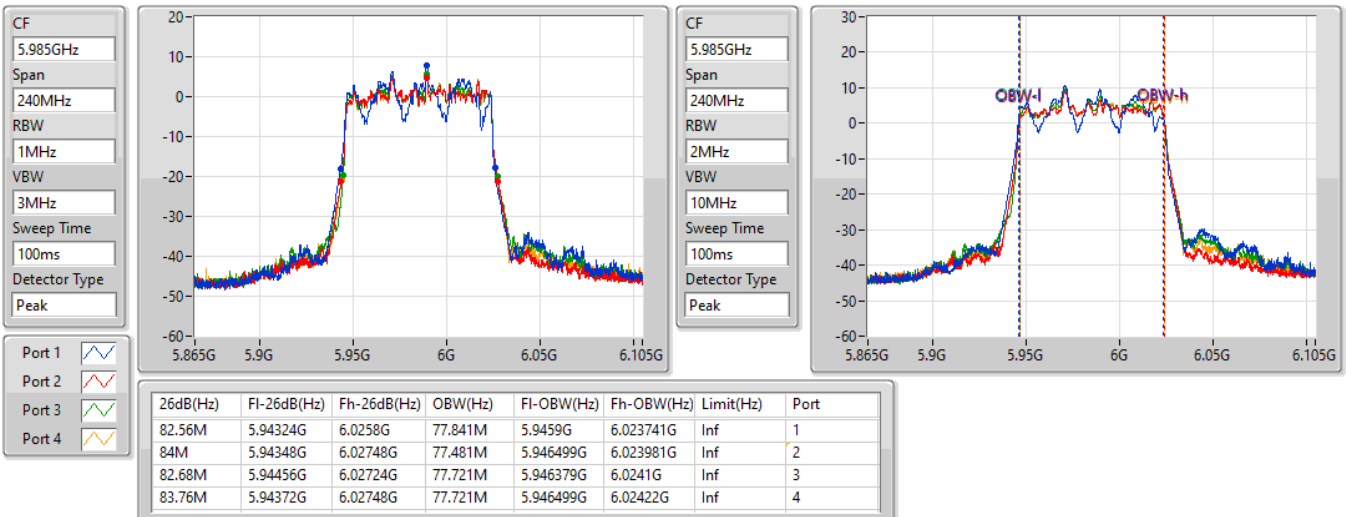


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
7085MHz

26/02/2022

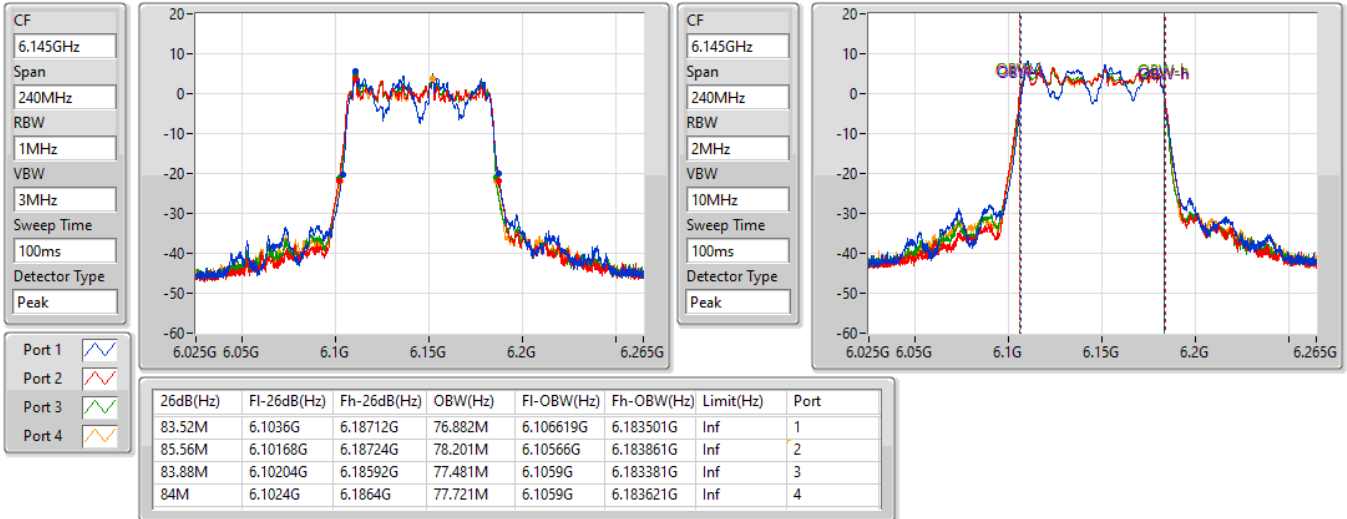

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5985MHz

26/02/2022

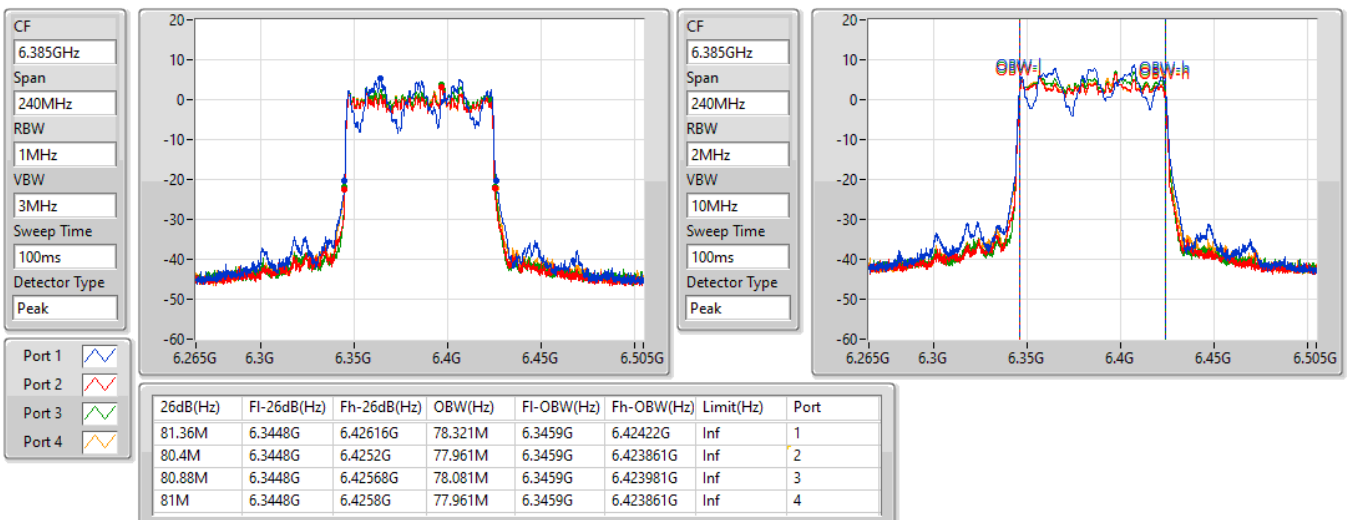


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6145MHz

26/02/2022

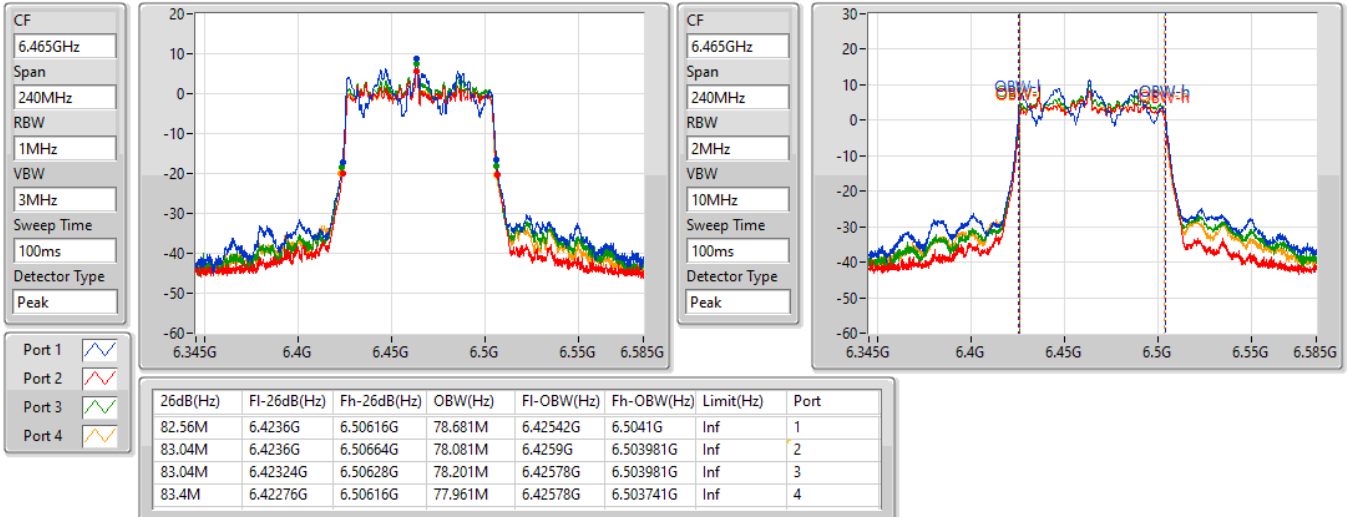

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6385MHz

26/02/2022

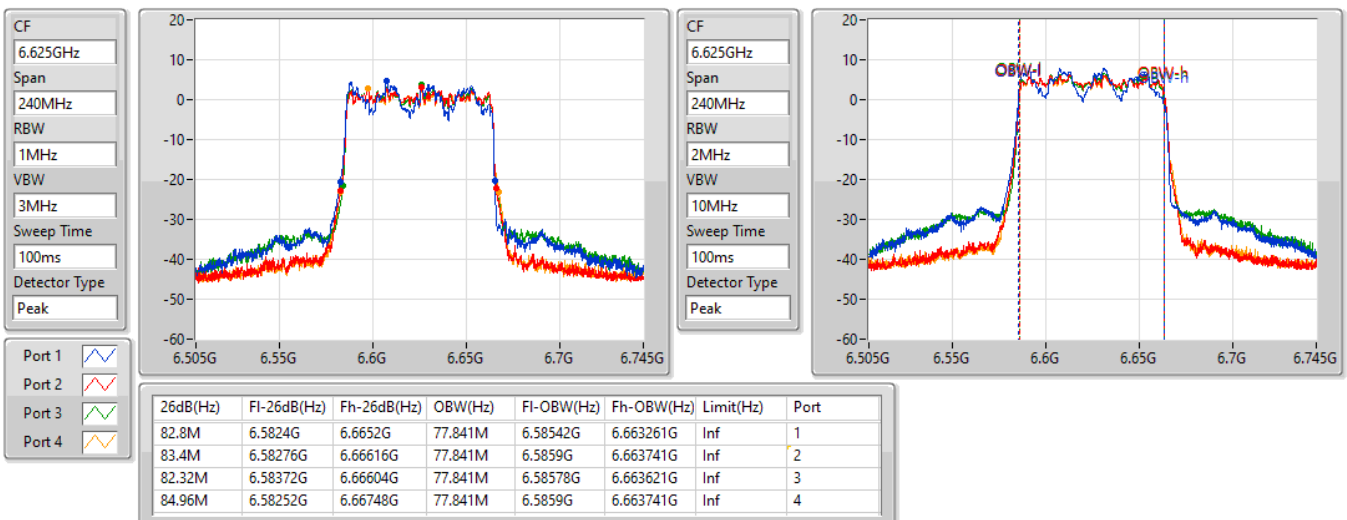


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6465MHz

26/02/2022

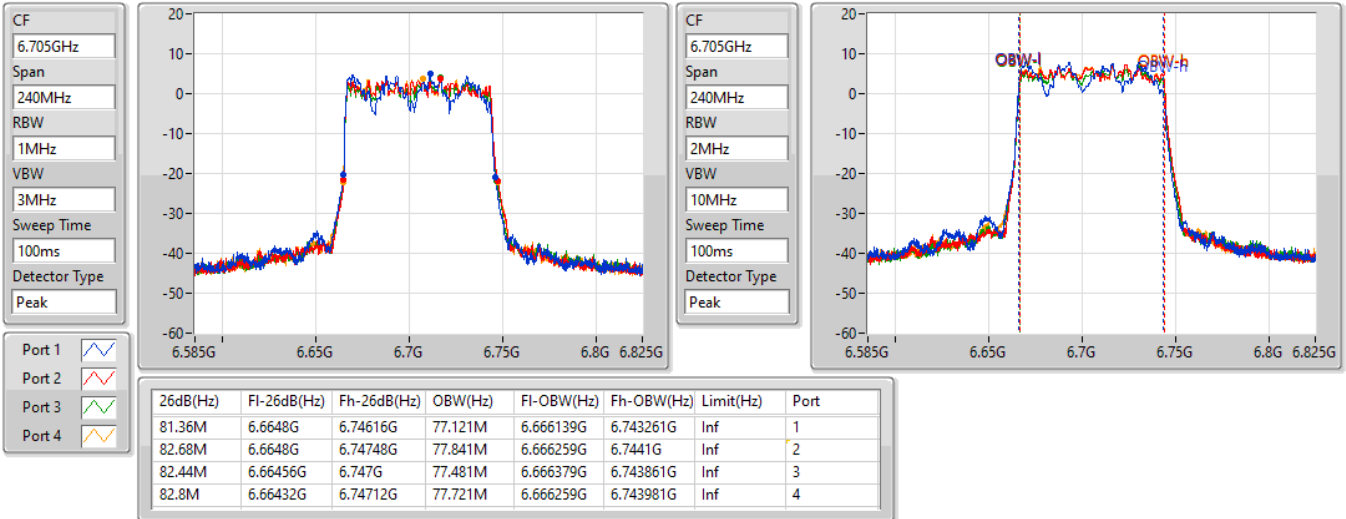

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6625MHz

26/02/2022

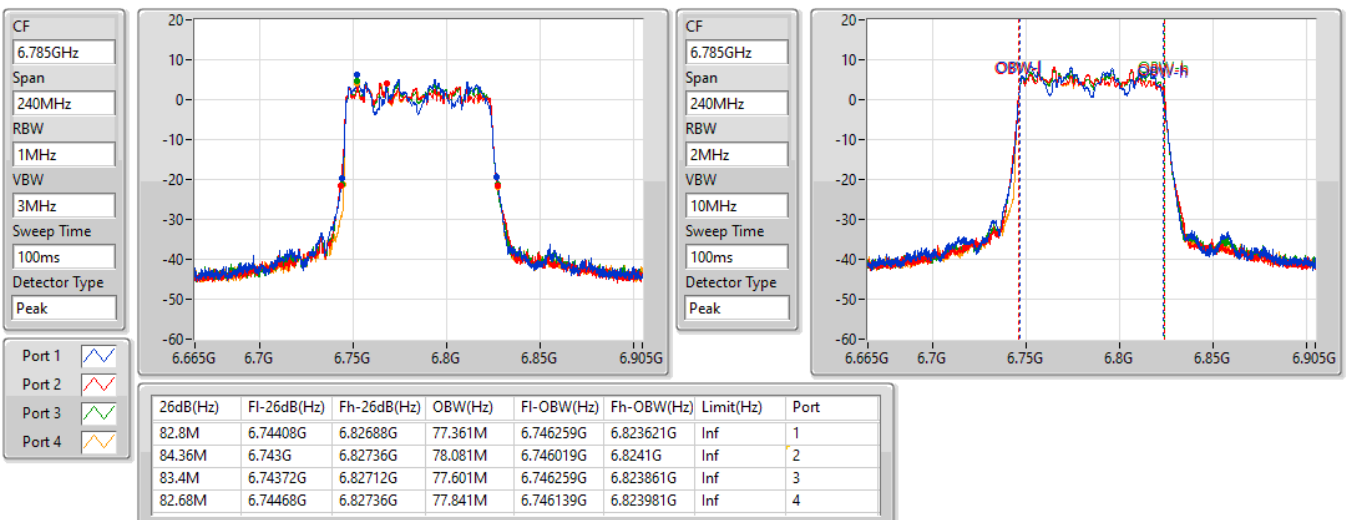


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6705MHz

26/02/2022

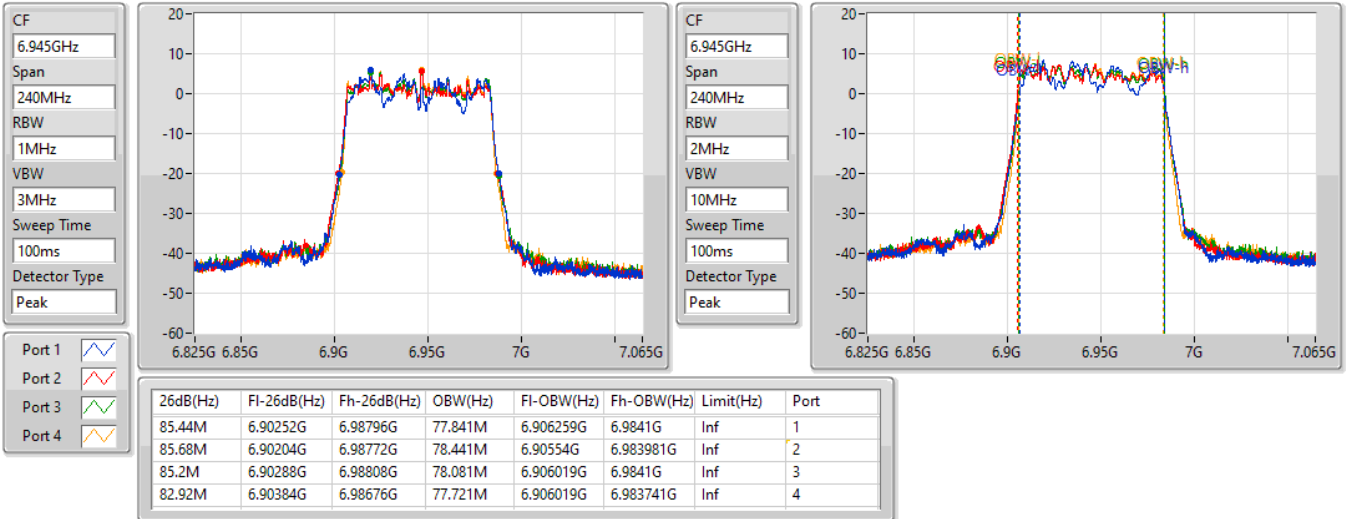

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6785MHz

26/02/2022

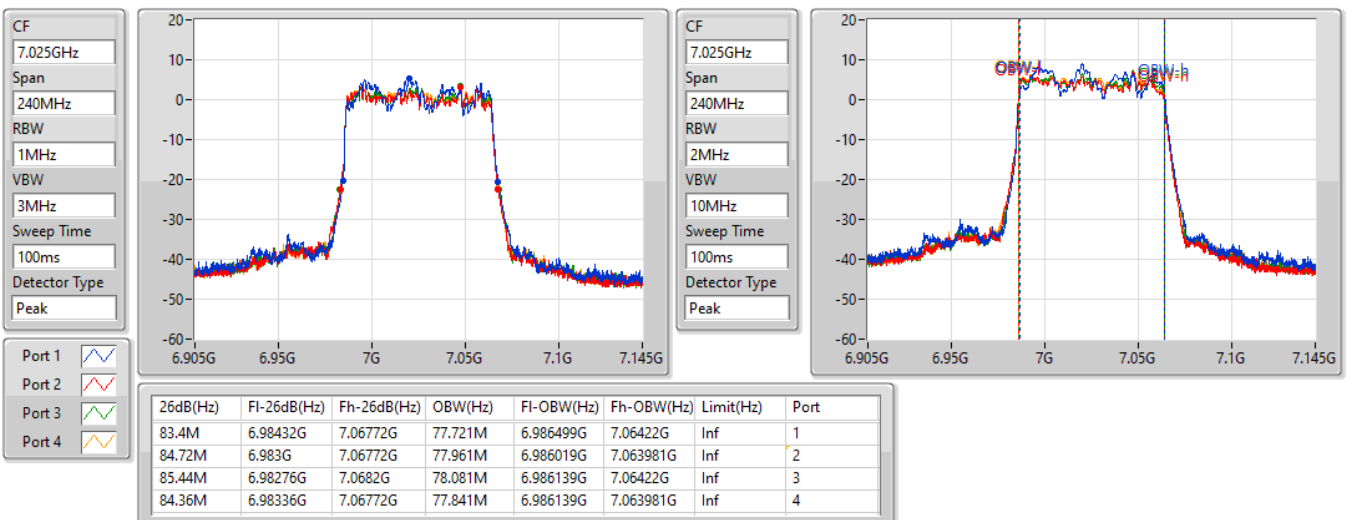


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
6945MHz

26/02/2022

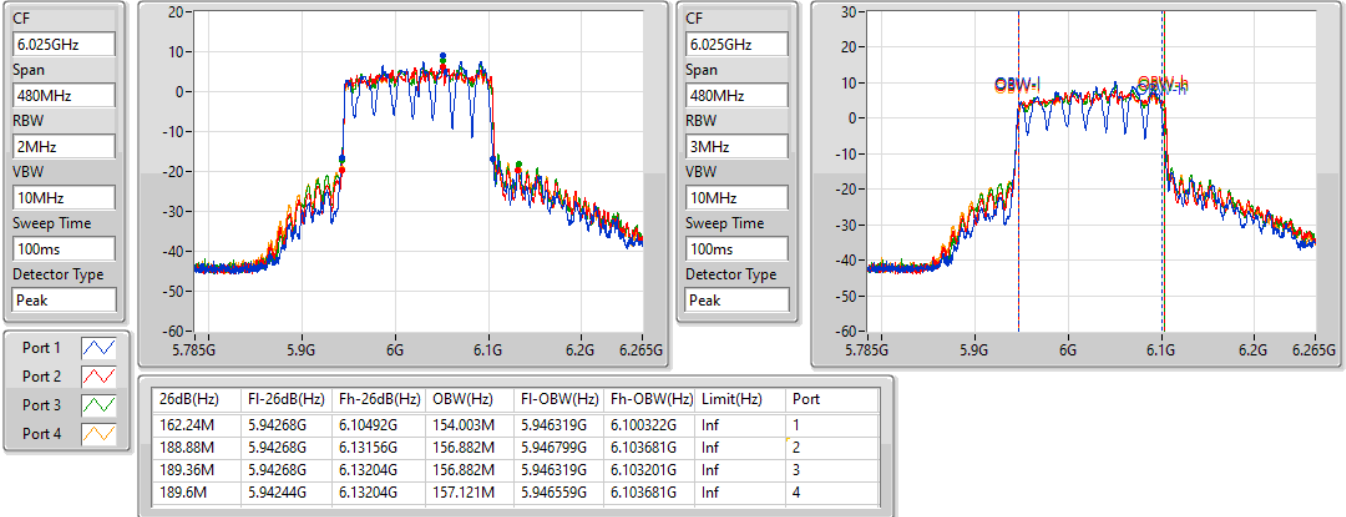

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
7025MHz

26/02/2022

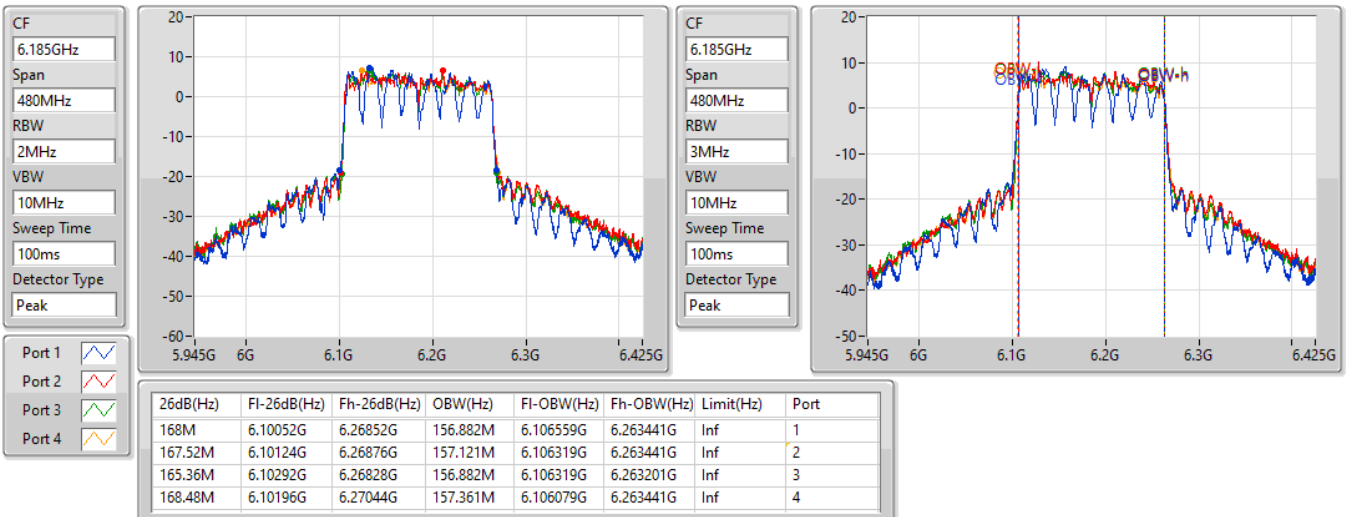


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6025MHz

26/02/2022

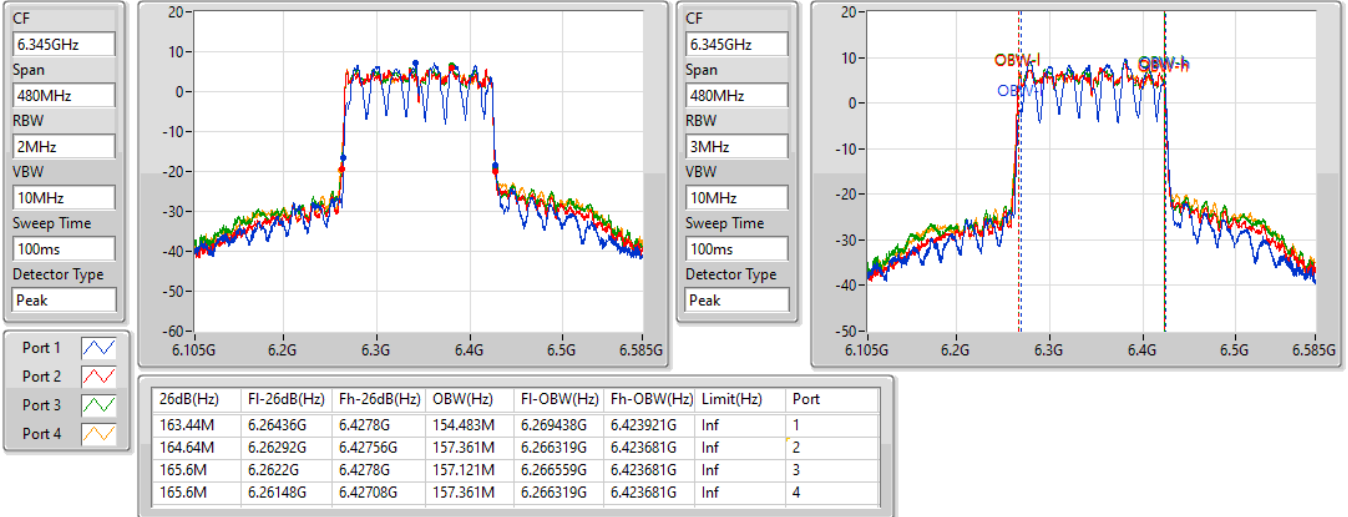

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6185MHz

26/02/2022

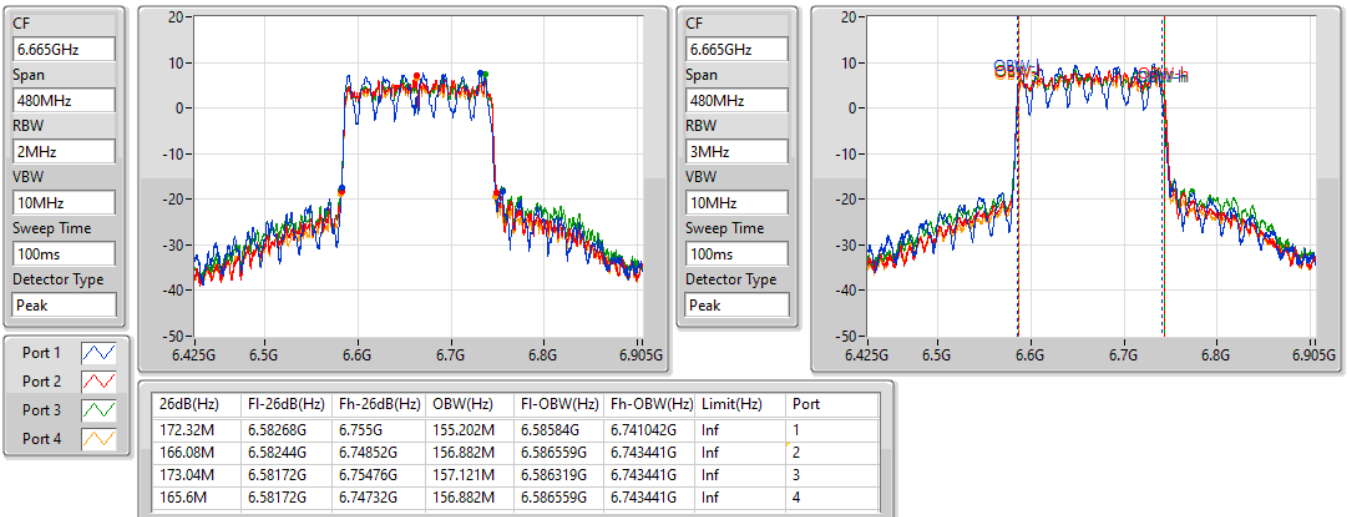


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6345MHz

26/02/2022


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
6665MHz

26/02/2022

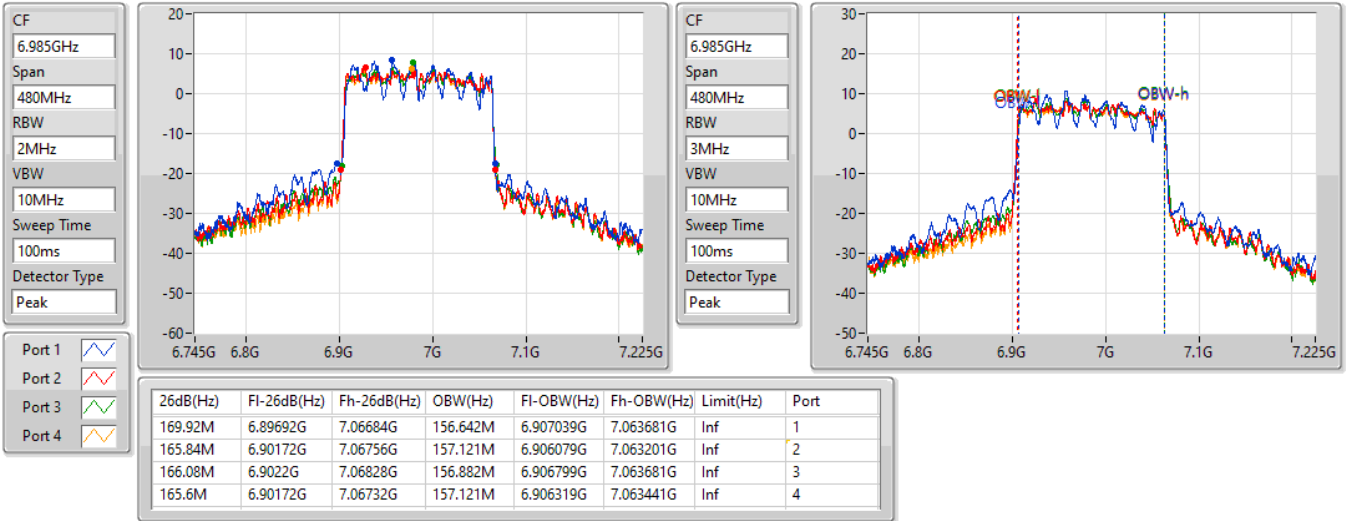


802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6985MHz

26/02/2022



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.33M	19.31M	19M3D1D	21.78M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.76M	38.861M	38M9D1D	41.28M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.12M	79.52M	79M5D1D	80.88M	77.601M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	238.32M	160M	160MD1D	161.04M	155.682M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.39M	19.22M	19M2D1D	21.69M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.4M	38.441M	38M4D1D	42.48M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	88.68M	78.921M	78M9D1D	81.24M	78.201M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24M	19.25M	19M2D1D	21.84M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	49.74M	38.861M	38M9D1D	41.04M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	93.36M	79.04M	79M0D1D	80.52M	77.601M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	173.52M	160.96M	161MD1D	161.28M	156.402M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.7M	19.37M	19M4D1D	21.75M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	48.78M	38.801M	38M8D1D	41.1M	38.261M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90M	80M	80M0D1D	81.12M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	167.04M	157.361M	157MD1D	160.56M	156.402M

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

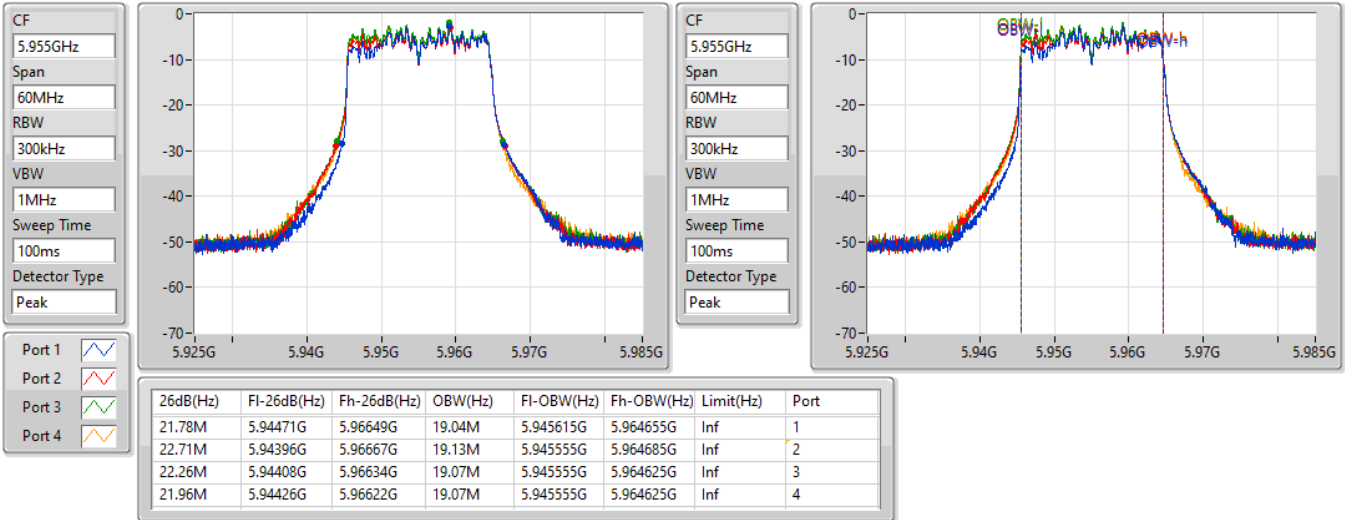
Result

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_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	21.78M	19.04M	22.71M	19.13M	22.26M	19.07M	21.96M	19.07M
6175MHz	Pass	Inf	22.17M	19.16M	22.92M	19.19M	22.83M	19.19M	22.47M	19.19M
6415MHz	Pass	Inf	23.46M	19.07M	23.19M	19.01M	24.33M	19.31M	23.55M	19.04M
6435MHz	Pass	Inf	22.77M	19.1M	22.41M	19.04M	21.69M	19.01M	21.84M	19.01M
6475MHz	Pass	Inf	22.47M	19.19M	23.94M	19.22M	24.39M	19.16M	23.49M	19.22M
6515MHz	Pass	Inf	22.74M	19.16M	22.65M	19.13M	22.92M	19.16M	22.62M	19.13M
6535MHz	Pass	Inf	22.17M	19.16M	21.9M	19.19M	22.05M	19.16M	21.84M	19.16M
6695MHz	Pass	Inf	23.19M	19.25M	23.76M	19.19M	24M	19.19M	24M	19.19M
6855MHz	Pass	Inf	22.98M	19.13M	22.74M	19.1M	22.5M	19.1M	22.71M	19.1M
6895MHz	Pass	Inf	22.17M	19.01M	21.75M	19.01M	21.75M	18.981M	21.9M	19.01M
6995MHz	Pass	Inf	21.84M	18.981M	21.75M	19.01M	21.84M	19.01M	22.2M	19.01M
7095MHz	Pass	Inf	23.55M	19.34M	23.55M	19.37M	23.7M	19.34M	23.16M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	41.28M	38.081M	42.54M	38.321M	42.3M	38.321M	42M	38.261M
6165MHz	Pass	Inf	43.02M	38.261M	43.74M	38.261M	43.68M	38.261M	43.56M	38.261M
6405MHz	Pass	Inf	44.64M	38.861M	44.76M	38.561M	44.52M	38.561M	44.34M	38.561M
6445MHz	Pass	Inf	42.48M	38.261M	43.38M	38.321M	42.6M	38.081M	42.84M	38.081M
6485MHz	Pass	Inf	44.04M	38.441M	44.4M	38.441M	43.98M	38.441M	43.98M	38.381M
6565MHz	Pass	Inf	46.14M	38.681M	43.86M	38.501M	43.98M	38.621M	42.24M	38.501M
6685MHz	Pass	Inf	49.74M	38.381M	45.24M	38.201M	41.28M	38.561M	43.44M	38.501M
6845MHz	Pass	Inf	41.46M	38.861M	41.34M	38.621M	41.04M	38.621M	41.4M	38.681M
6925MHz	Pass	Inf	42.24M	38.681M	42.6M	38.261M	41.88M	38.681M	41.1M	38.561M
7005MHz	Pass	Inf	41.16M	38.501M	43.92M	38.501M	41.46M	38.801M	42.72M	38.741M
7085MHz	Pass	Inf	48.78M	38.801M	41.76M	38.741M	42.24M	38.681M	41.82M	38.561M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	81M	78.201M	84.84M	79.52M	90.12M	78.201M	81.24M	78.201M
6145MHz	Pass	Inf	81.84M	77.841M	88.68M	78.201M	85.92M	78.441M	84.12M	78.081M
6385MHz	Pass	Inf	84.6M	77.601M	80.88M	77.961M	81.24M	78.081M	82.44M	77.961M
6465MHz	Pass	Inf	84.24M	78.321M	81.24M	78.321M	88.68M	78.201M	81.36M	78.921M
6625MHz	Pass	Inf	82.8M	78.201M	81.48M	78.201M	81.96M	77.961M	81.24M	79.04M
6705MHz	Pass	Inf	84.72M	77.721M	80.52M	77.841M	87.72M	77.961M	85.8M	77.961M
6785MHz	Pass	Inf	81.6M	77.601M	85.2M	77.961M	88.44M	78.801M	93.36M	78.921M
6945MHz	Pass	Inf	88.56M	78.201M	83.16M	78.201M	81.96M	80M	90M	78.441M
7025MHz	Pass	Inf	83.04M	78.081M	82.68M	77.841M	81.12M	78.081M	84M	78.321M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	161.52M	156.402M	161.04M	157.601M	183.6M	157.121M	164.16M	157.841M
6185MHz	Pass	Inf	238.32M	157.361M	164.88M	156.642M	166.32M	156.402M	164.64M	160M
6345MHz	Pass	Inf	163.92M	155.682M	170.4M	156.402M	175.68M	157.361M	161.28M	155.682M
6665MHz	Pass	Inf	167.52M	160.96M	173.52M	156.402M	162.48M	160M	161.28M	156.402M
6985MHz	Pass	Inf	160.8M	156.882M	167.04M	156.402M	166.32M	157.361M	160.56M	156.642M

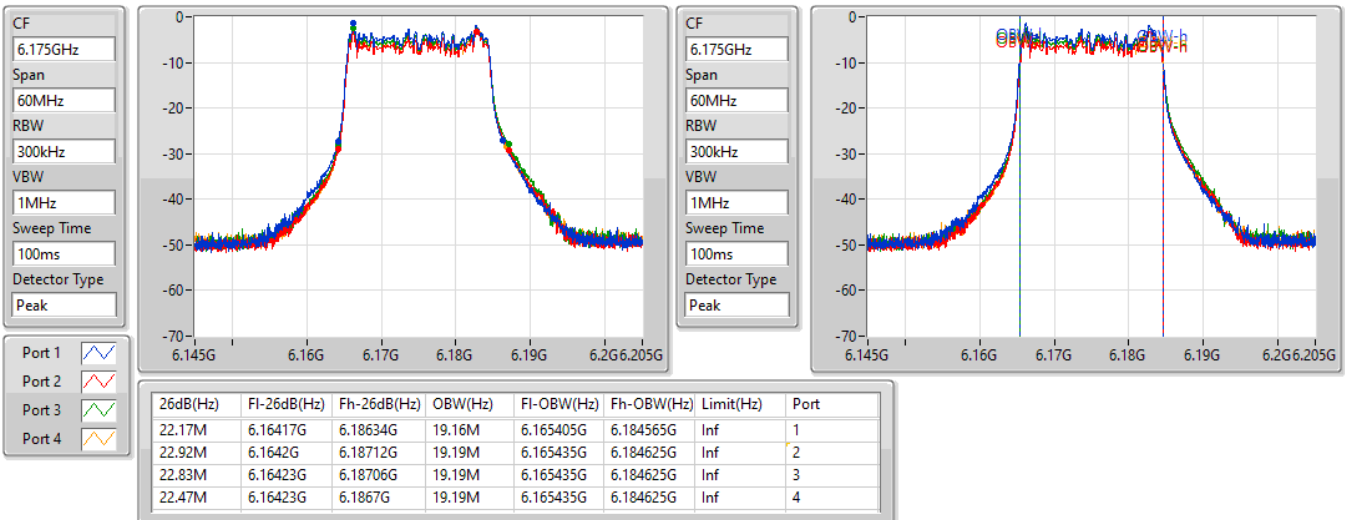
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5955MHz

28/02/2022


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6175MHz

28/02/2022

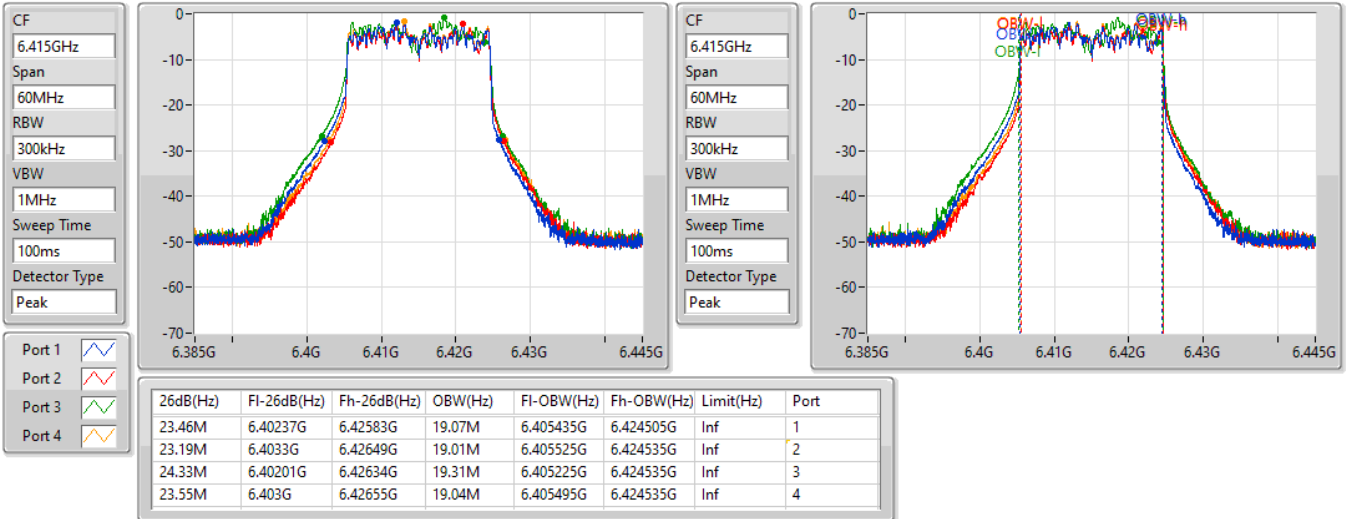


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6415MHz

28/02/2022

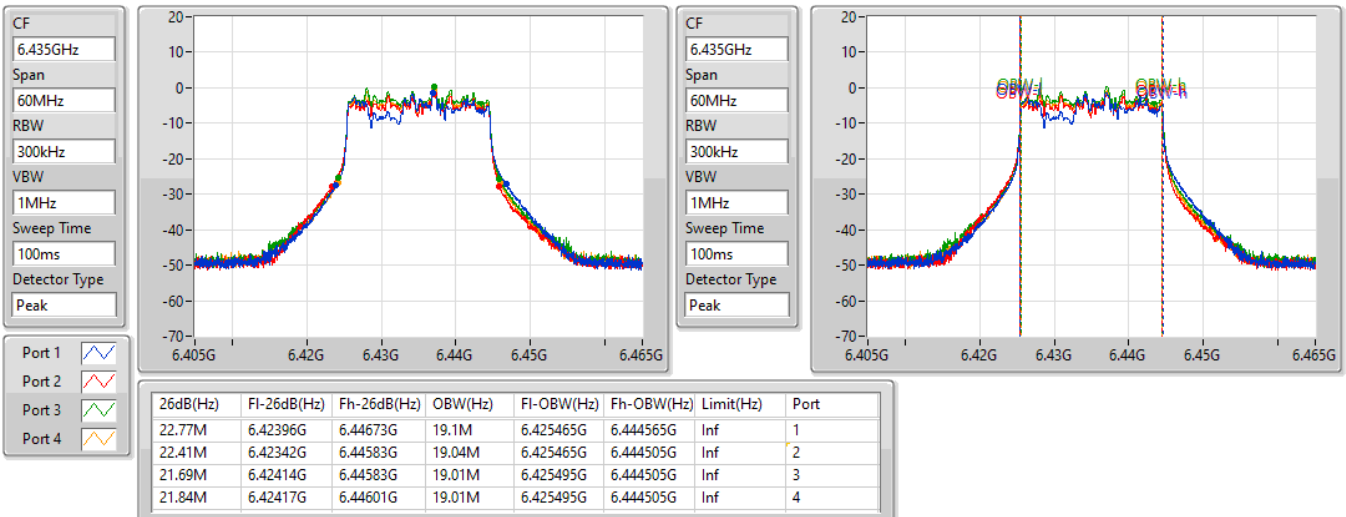


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

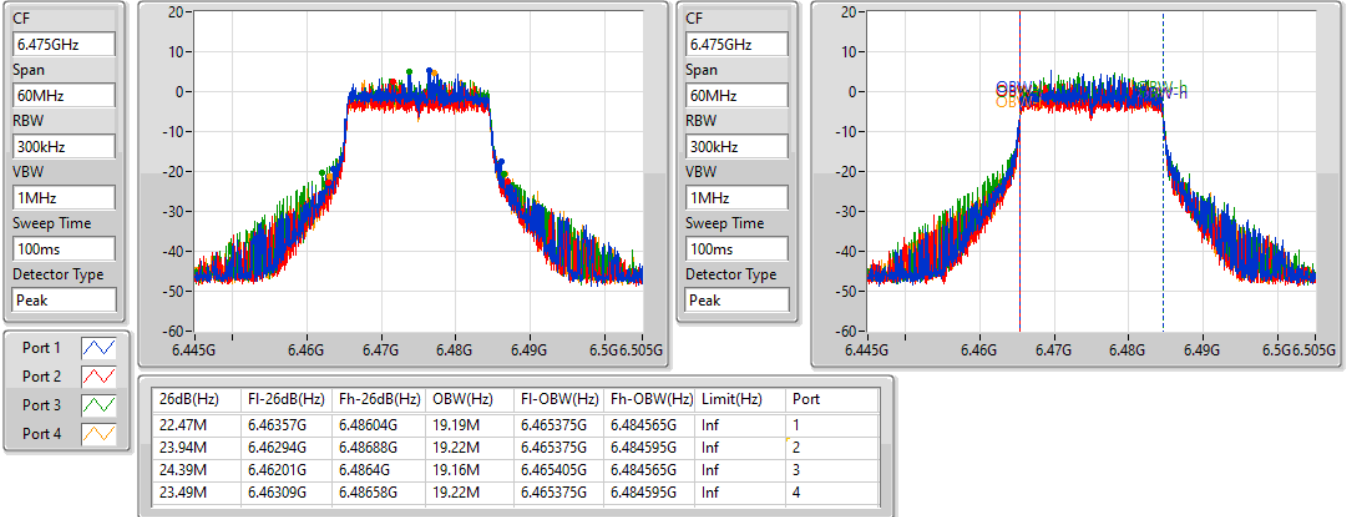
6435MHz

28/02/2022

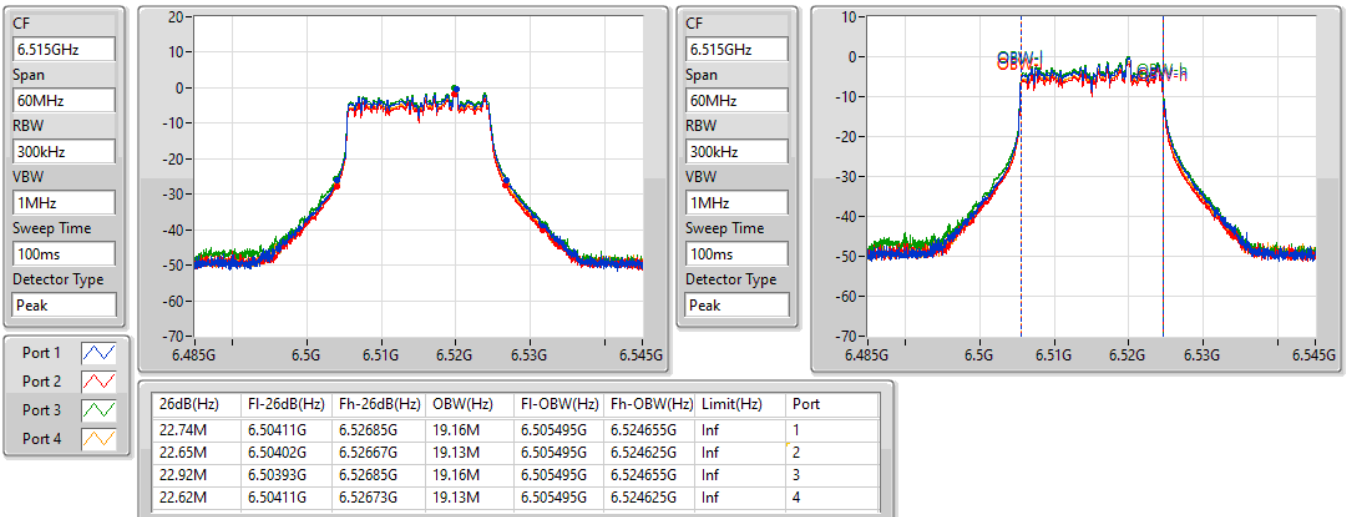


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6475MHz

01/03/2022

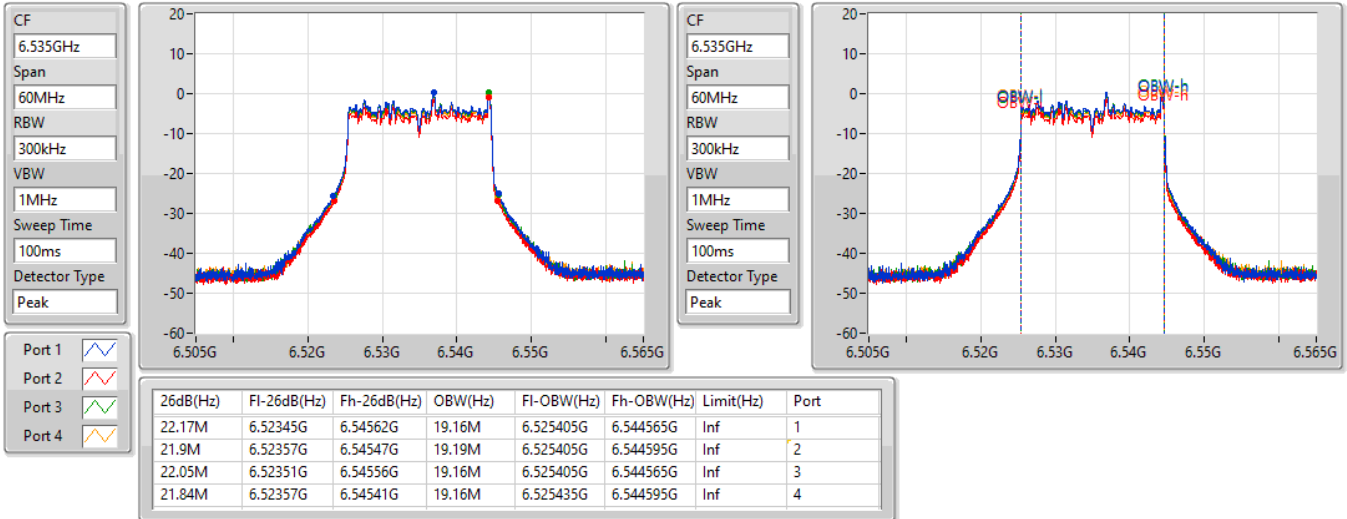

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6515MHz

28/02/2022

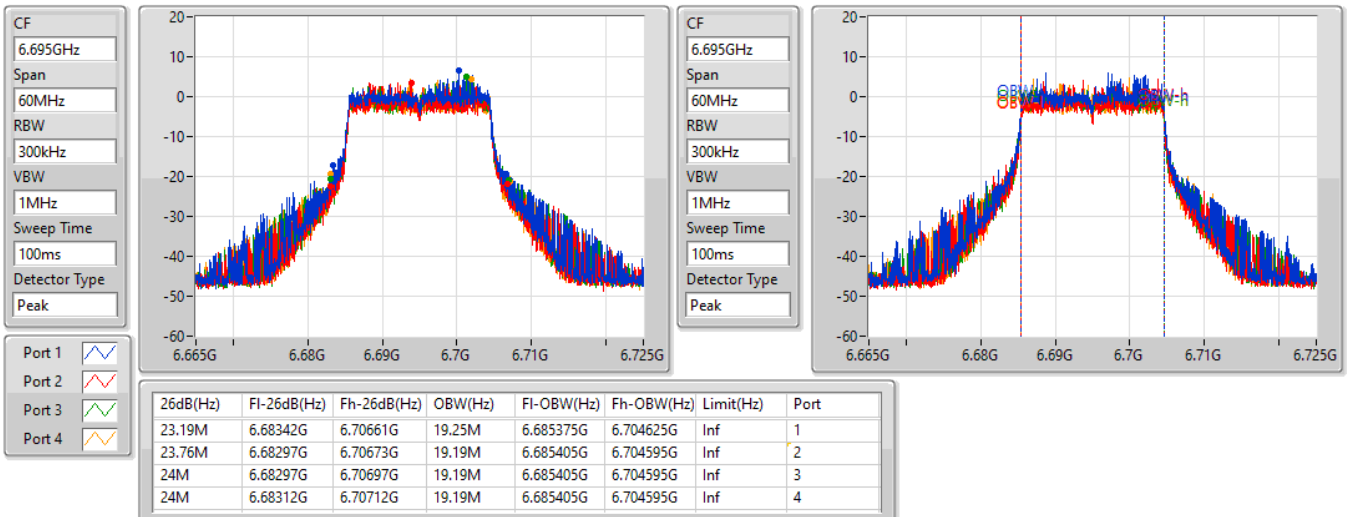


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6535MHz

28/02/2022

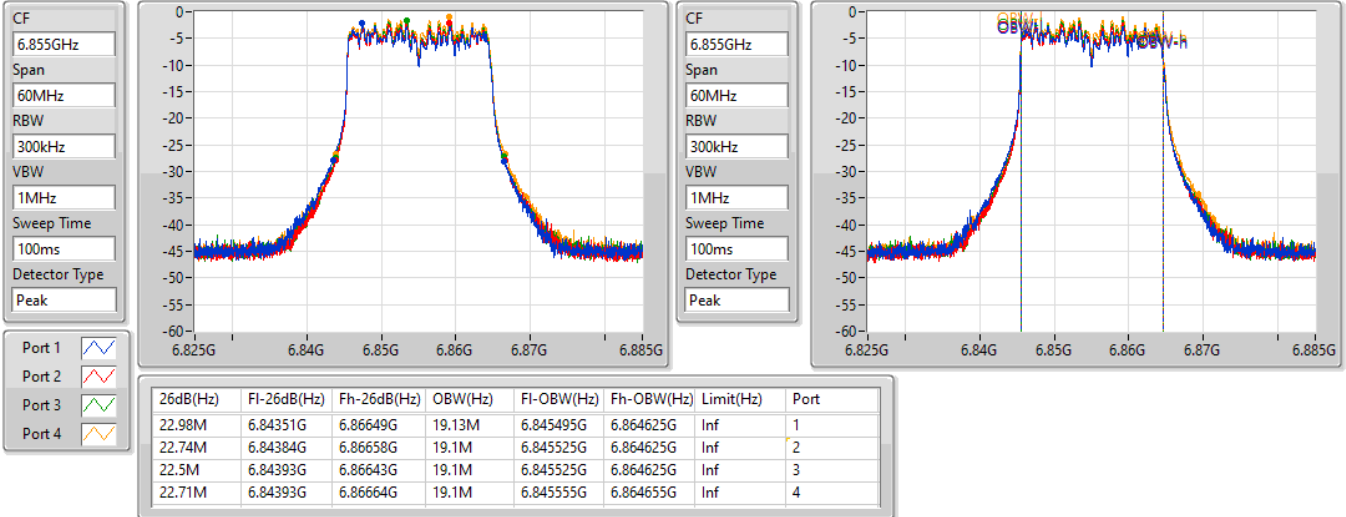

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6695MHz

01/03/2022

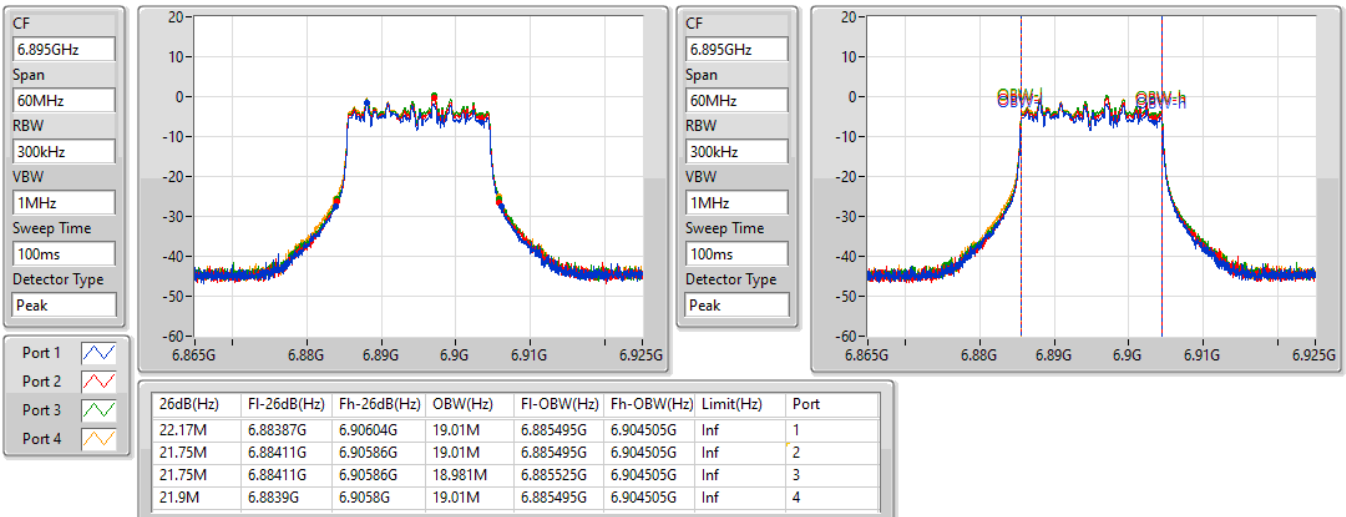


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6855MHz

28/02/2022

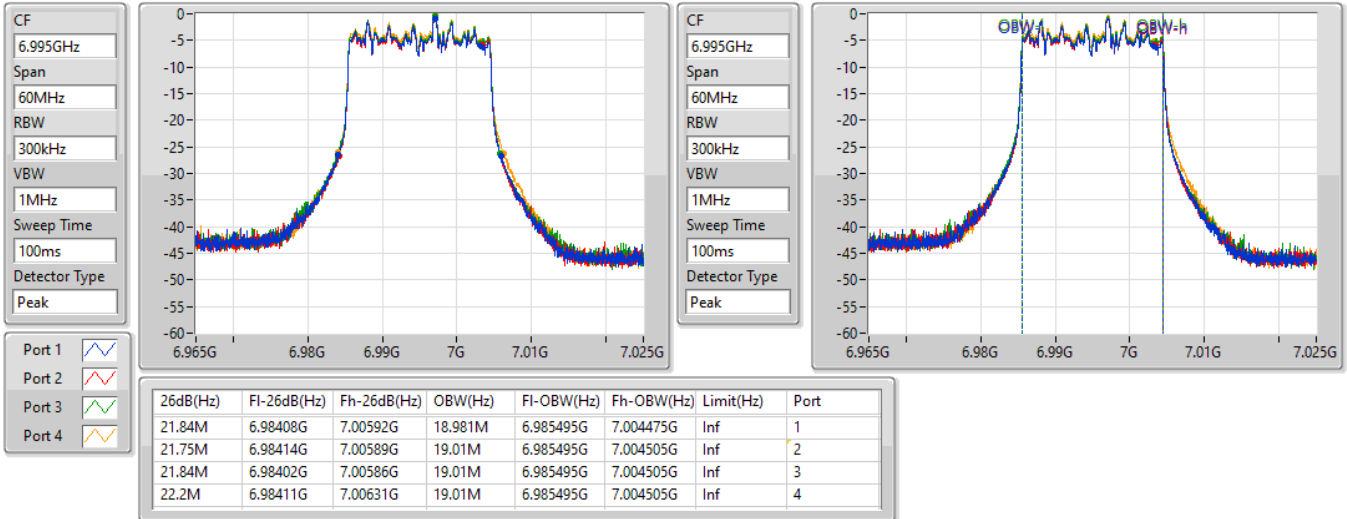

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6895MHz

28/02/2022

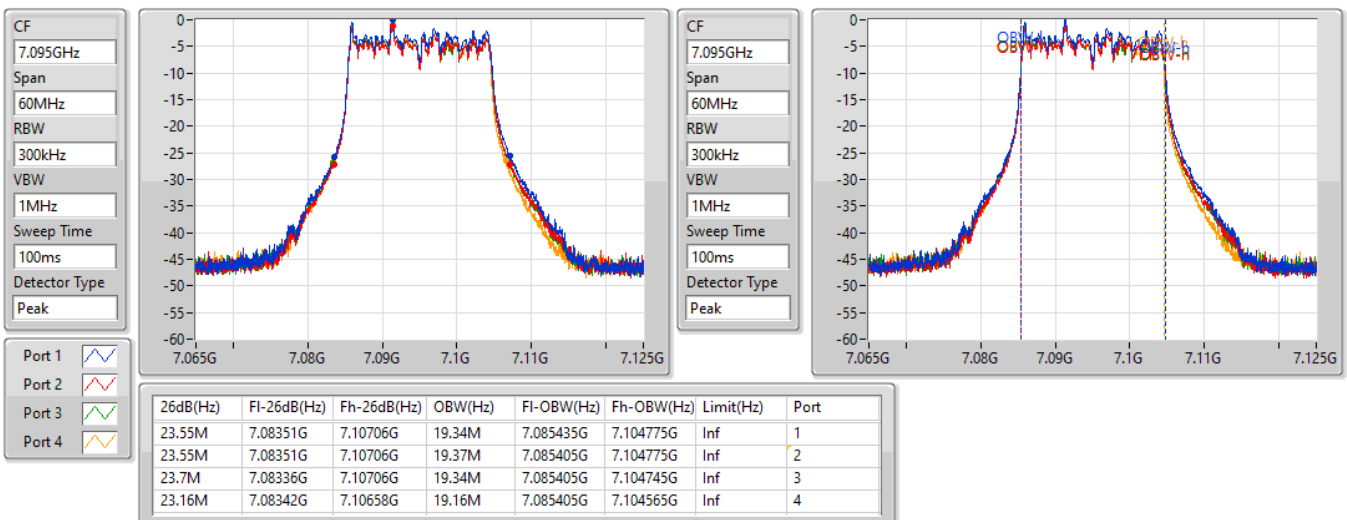


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6995MHz

28/02/2022

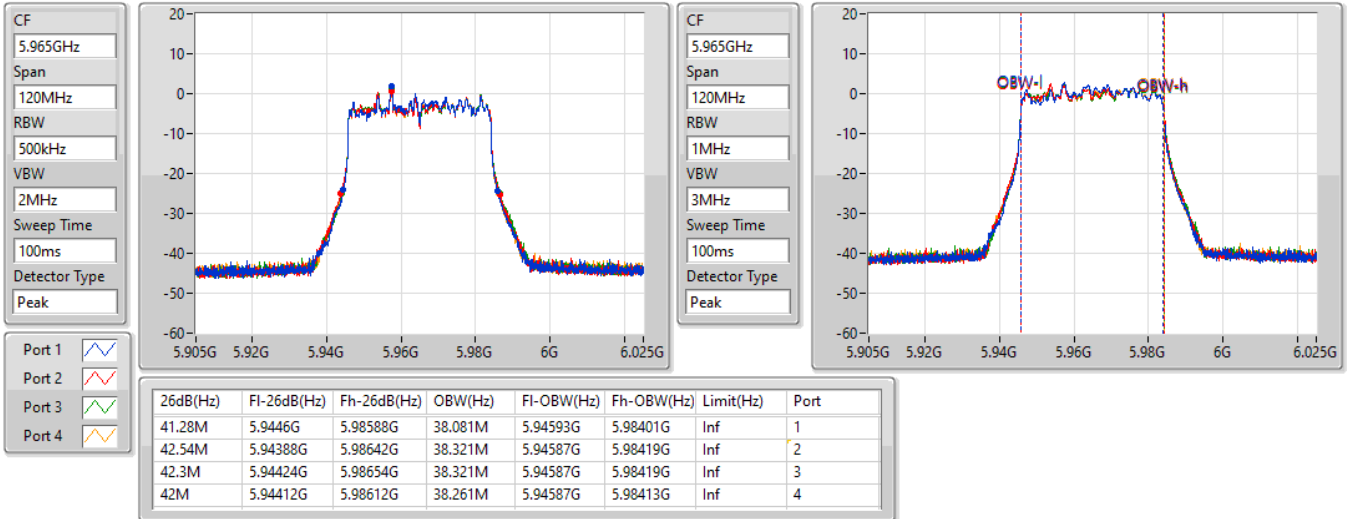

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
7095MHz

28/02/2022

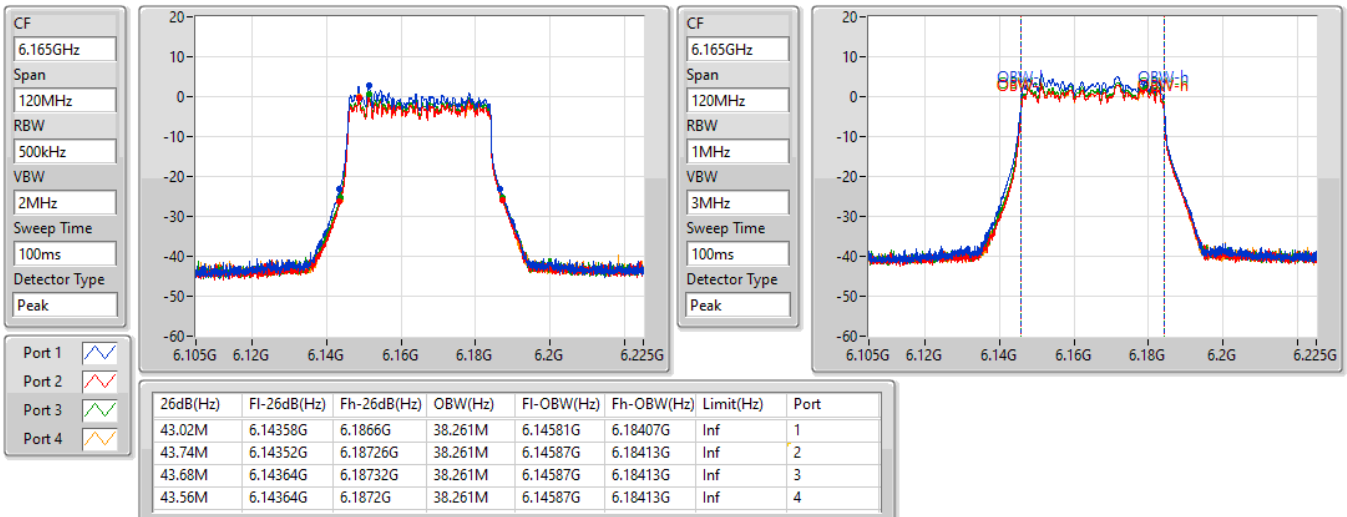


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

28/02/2022

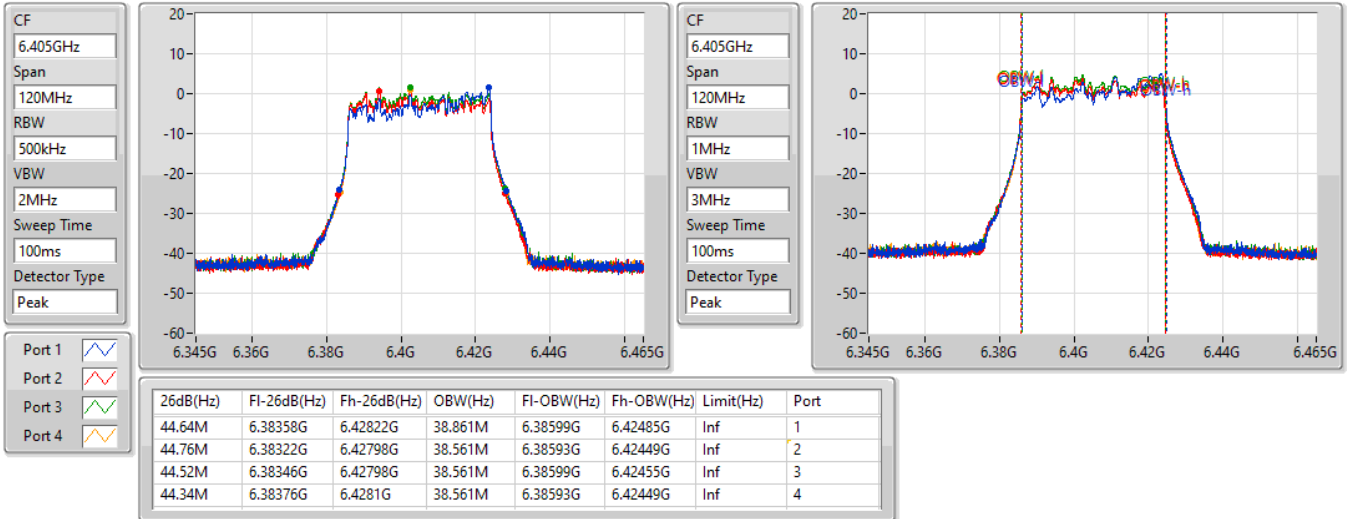

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6165MHz

28/02/2022

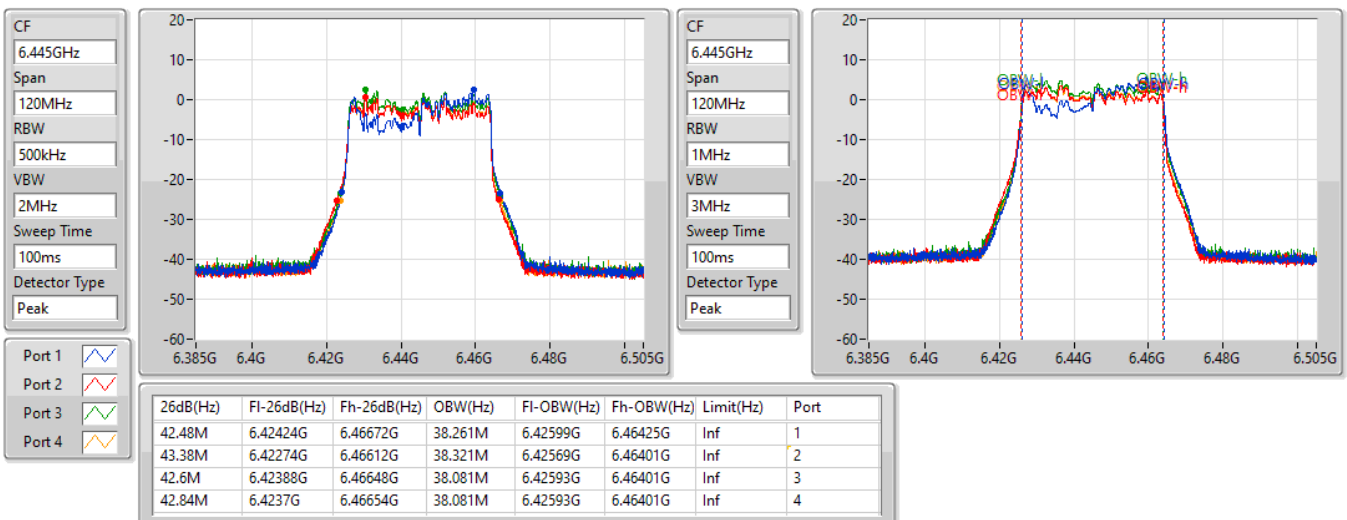


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

28/02/2022

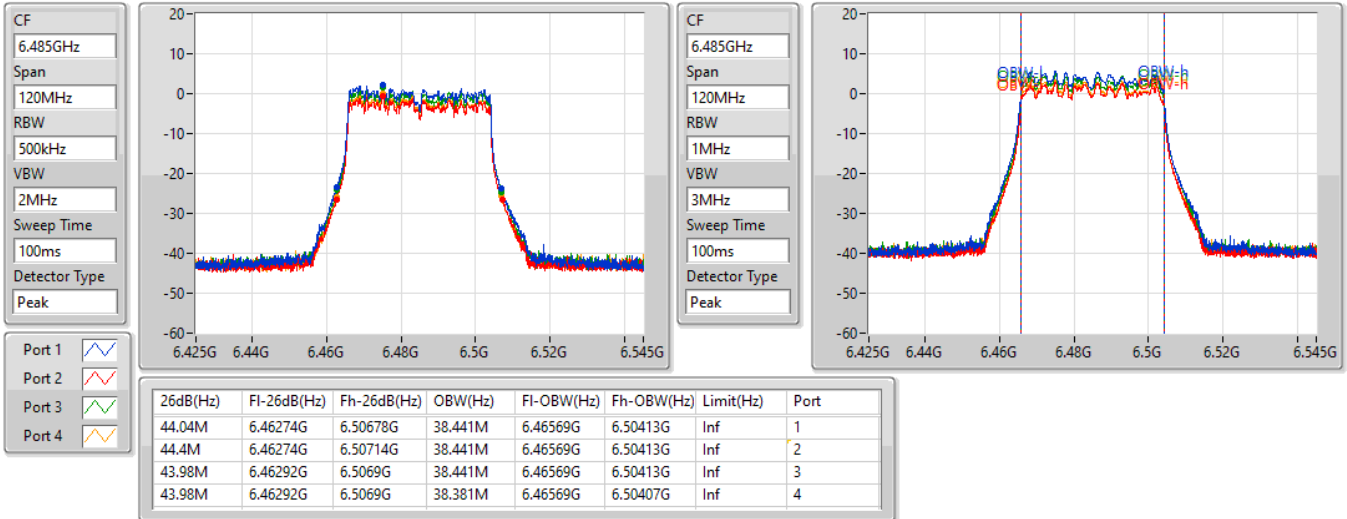

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6445MHz

28/02/2022

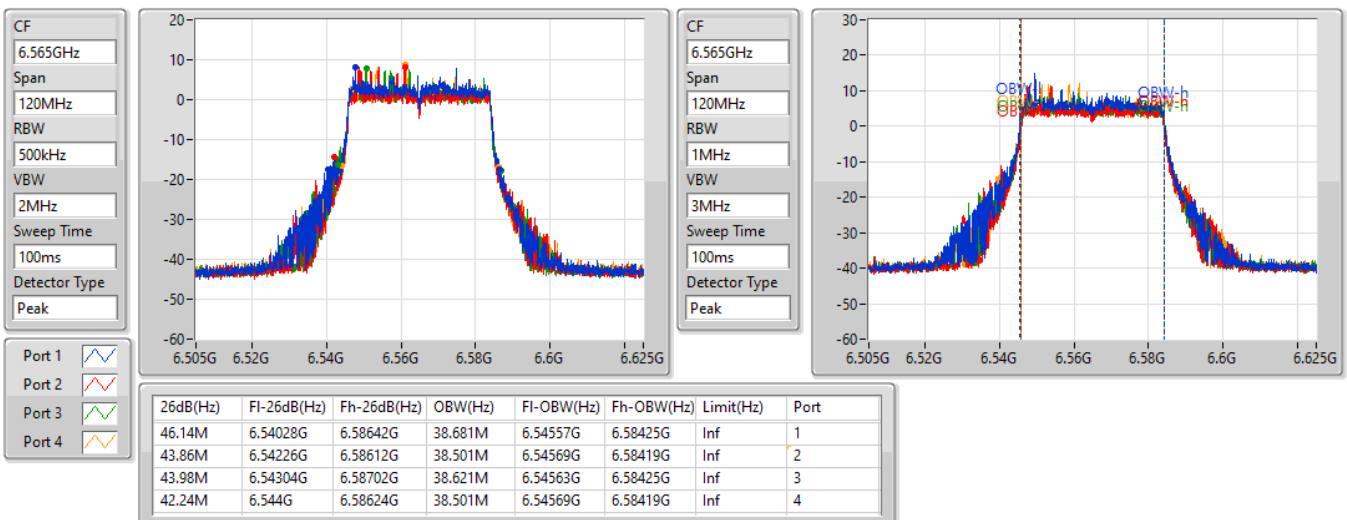


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6485MHz

28/02/2022

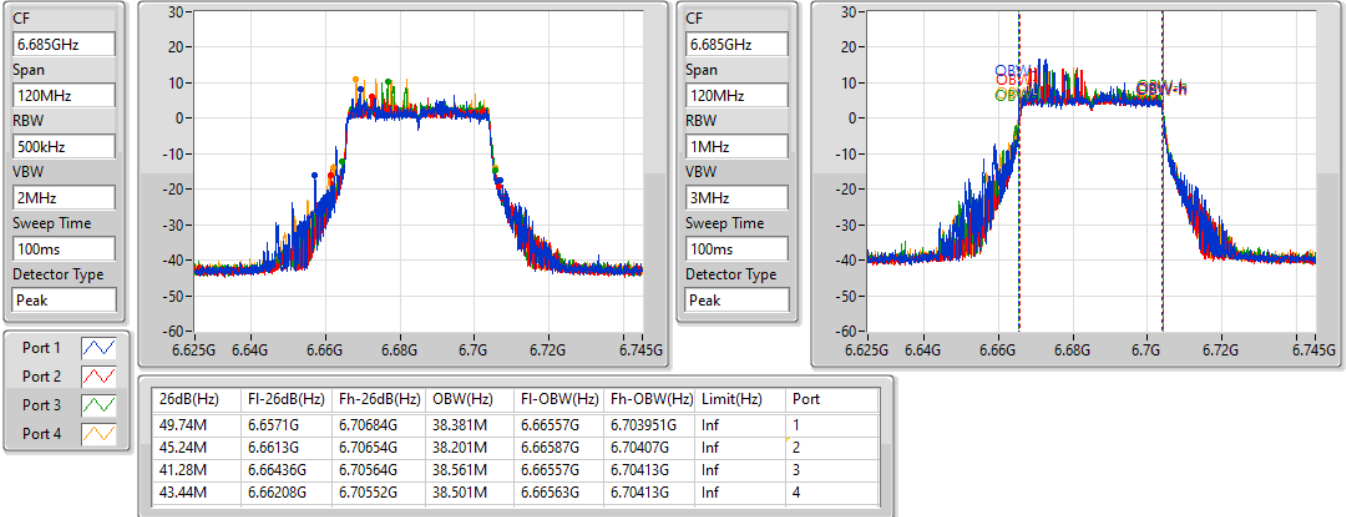

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6565MHz

28/02/2022

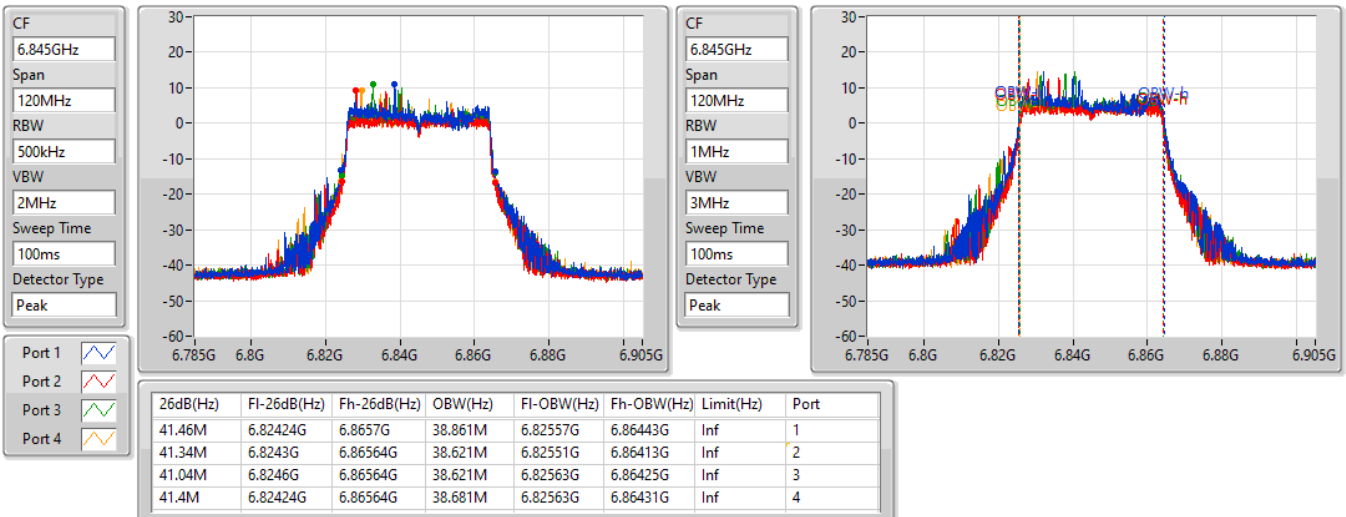


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6685MHz

28/02/2022

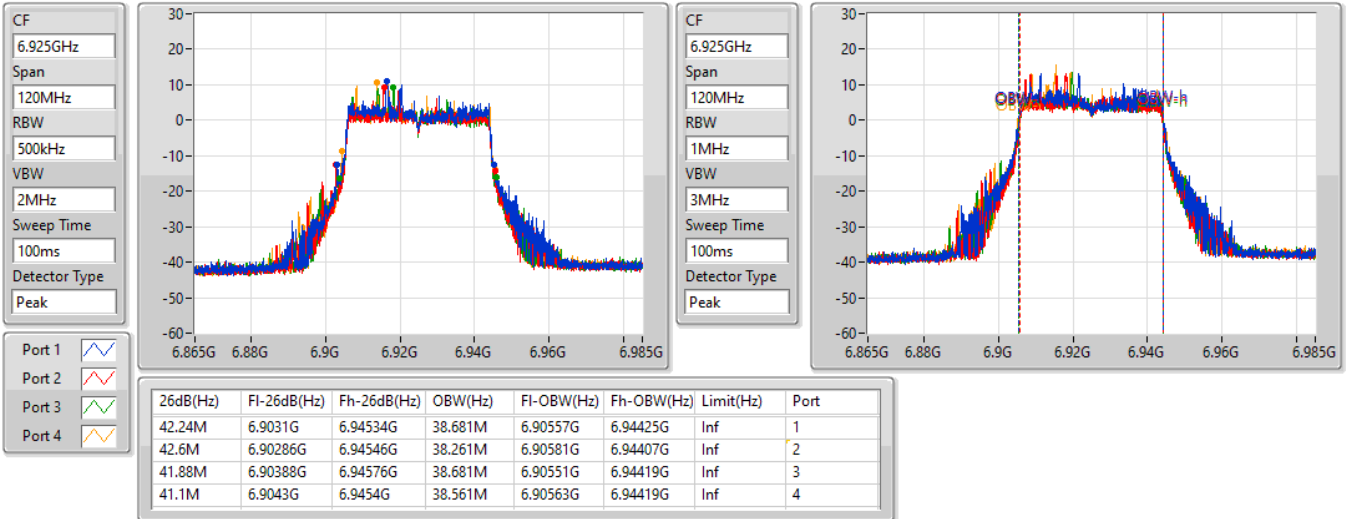

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6845MHz

28/02/2022

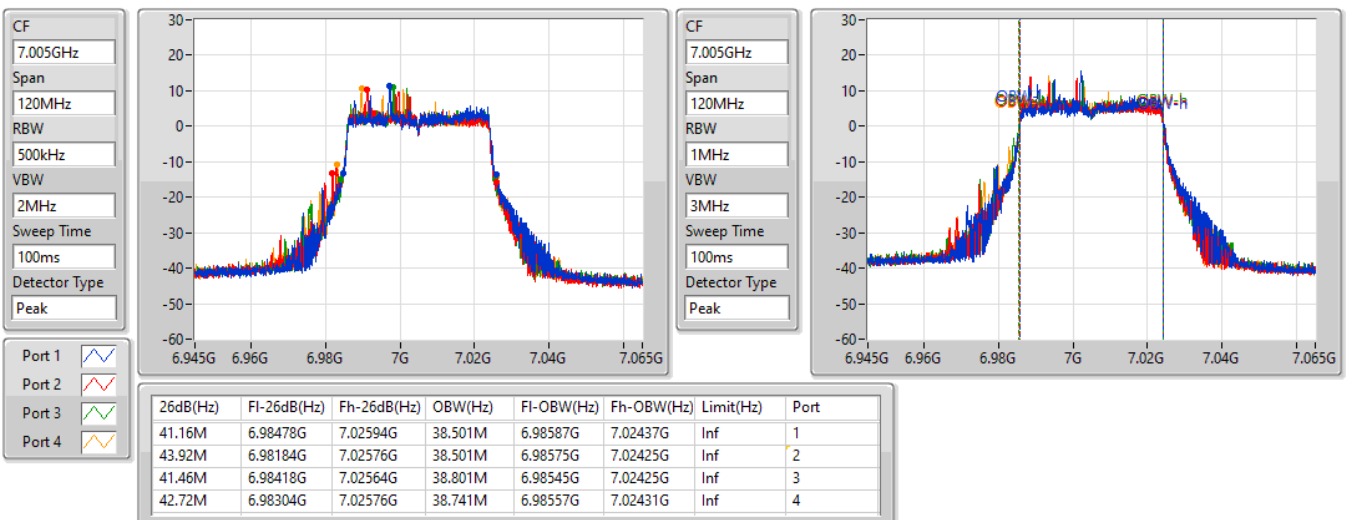


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6925MHz

28/02/2022

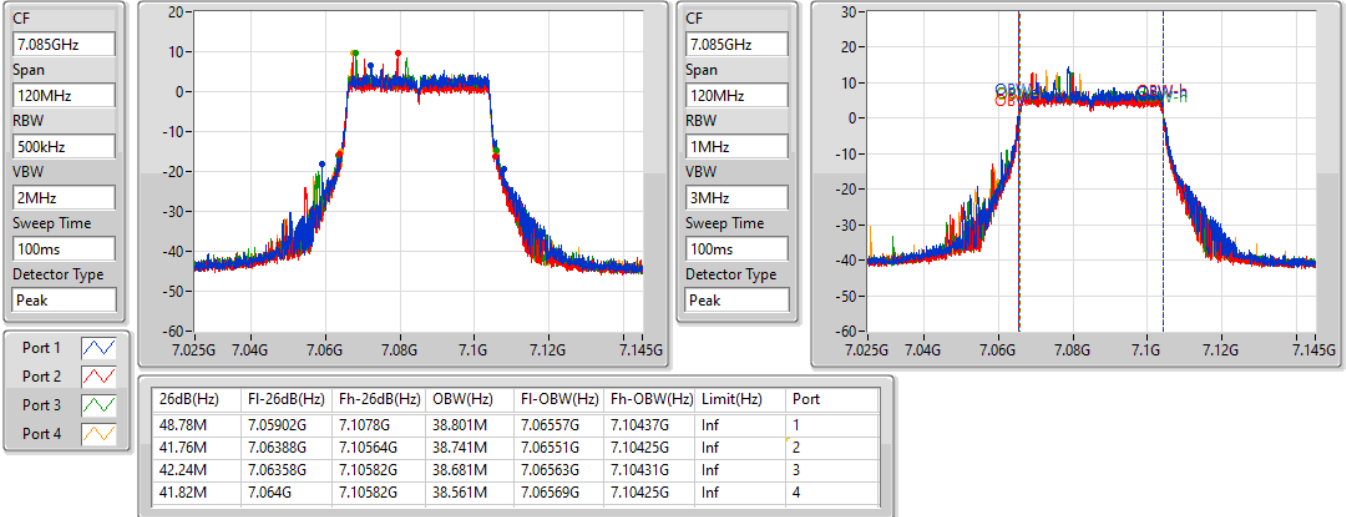

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
7005MHz

28/02/2022

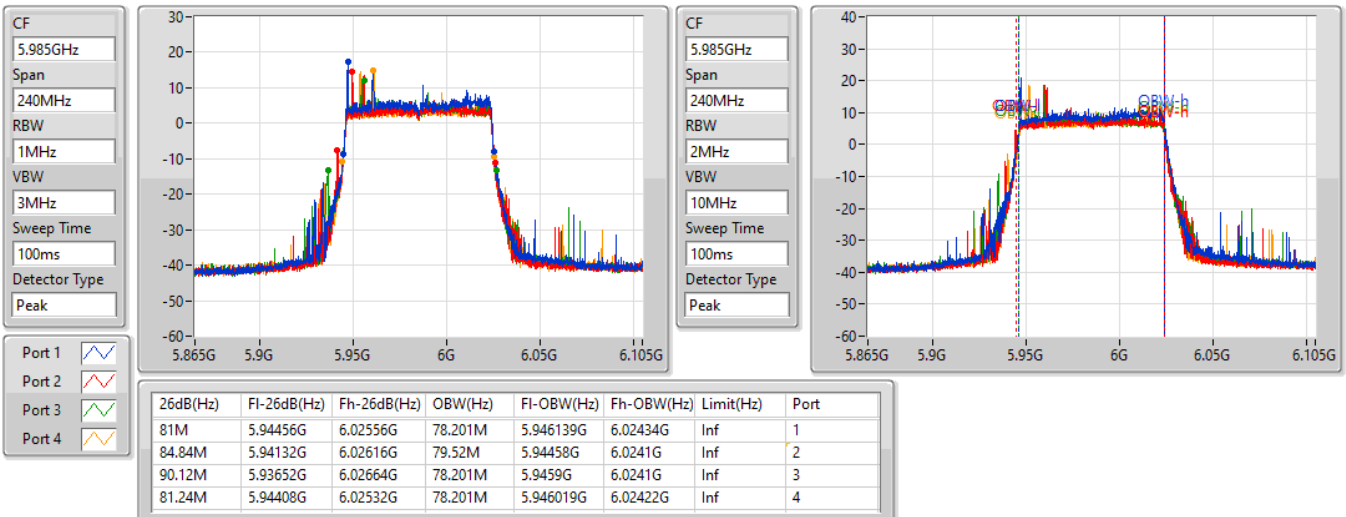


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
7085MHz

28/02/2022

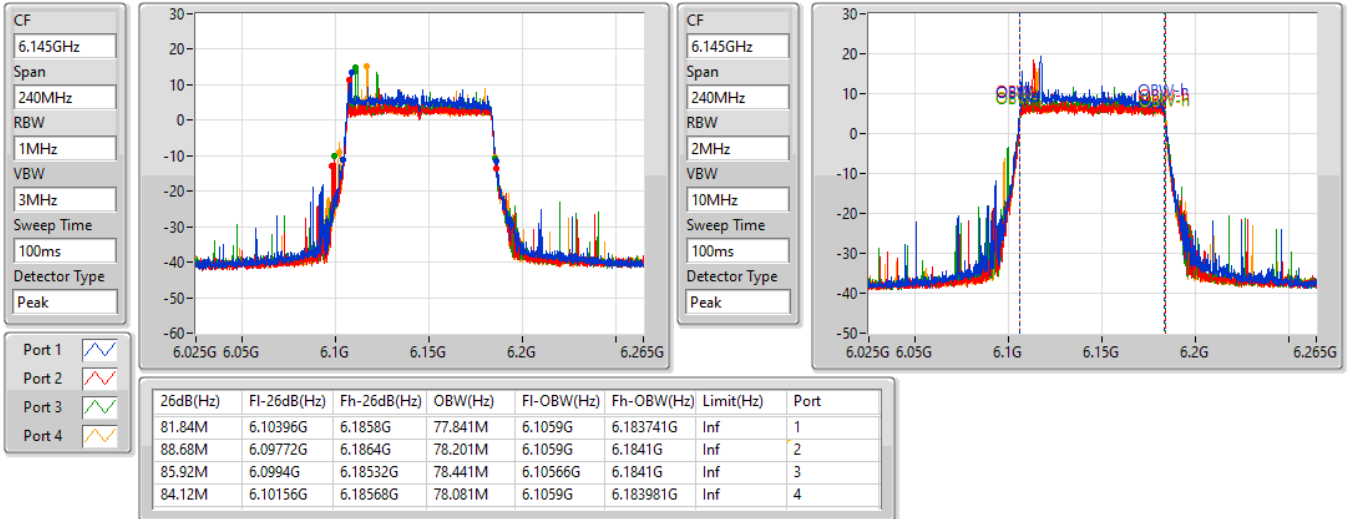

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5985MHz

28/02/2022

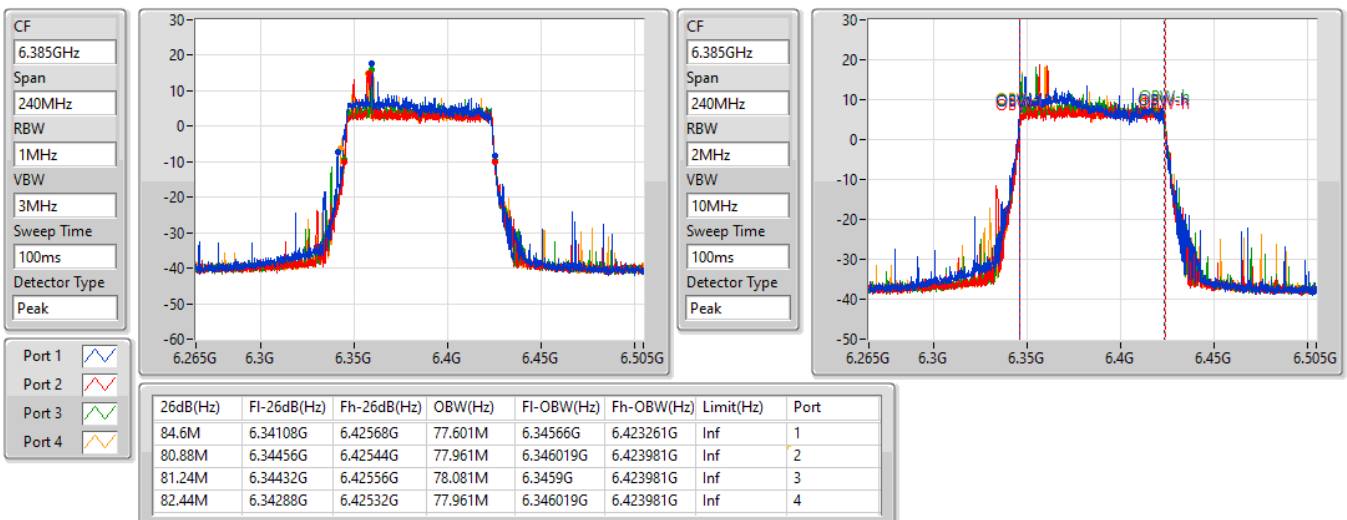


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6145MHz

28/02/2022

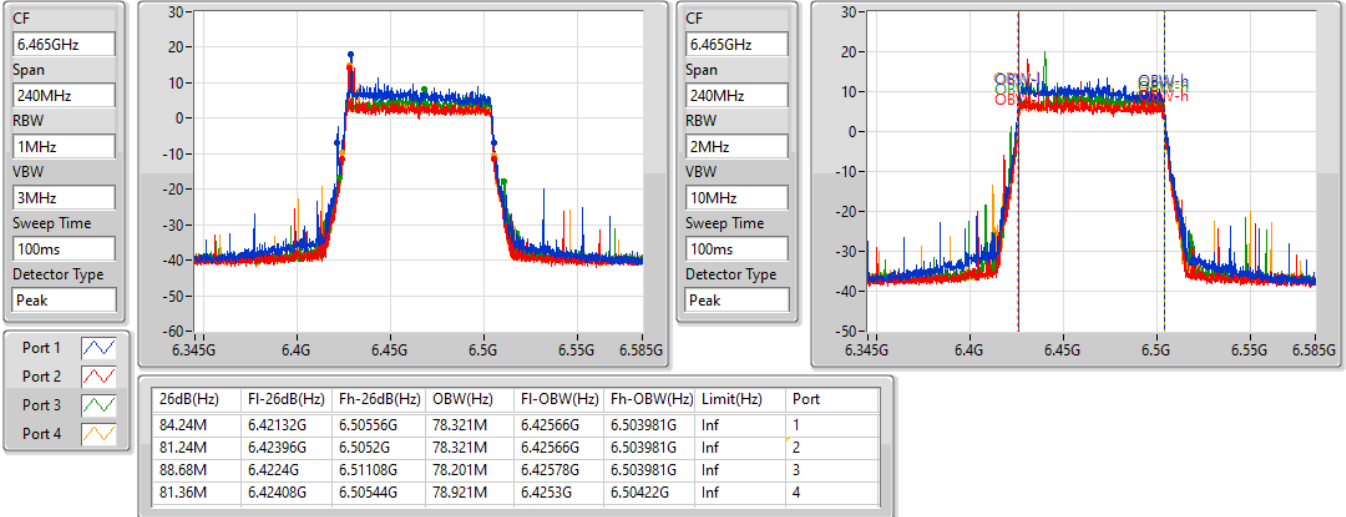

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6385MHz

28/02/2022

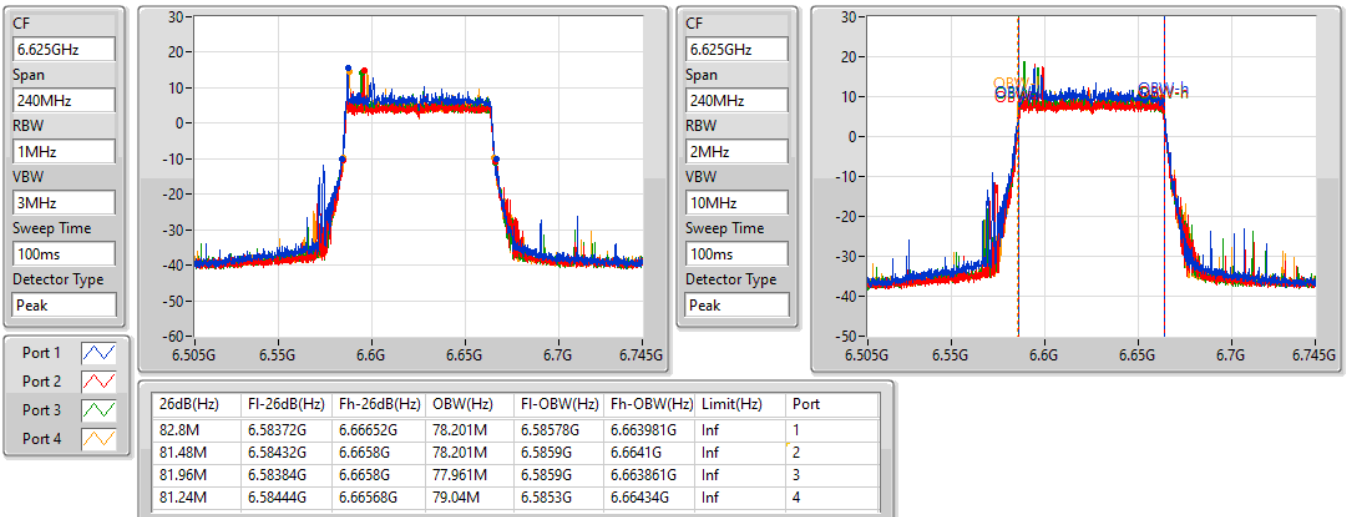


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6465MHz

01/03/2022

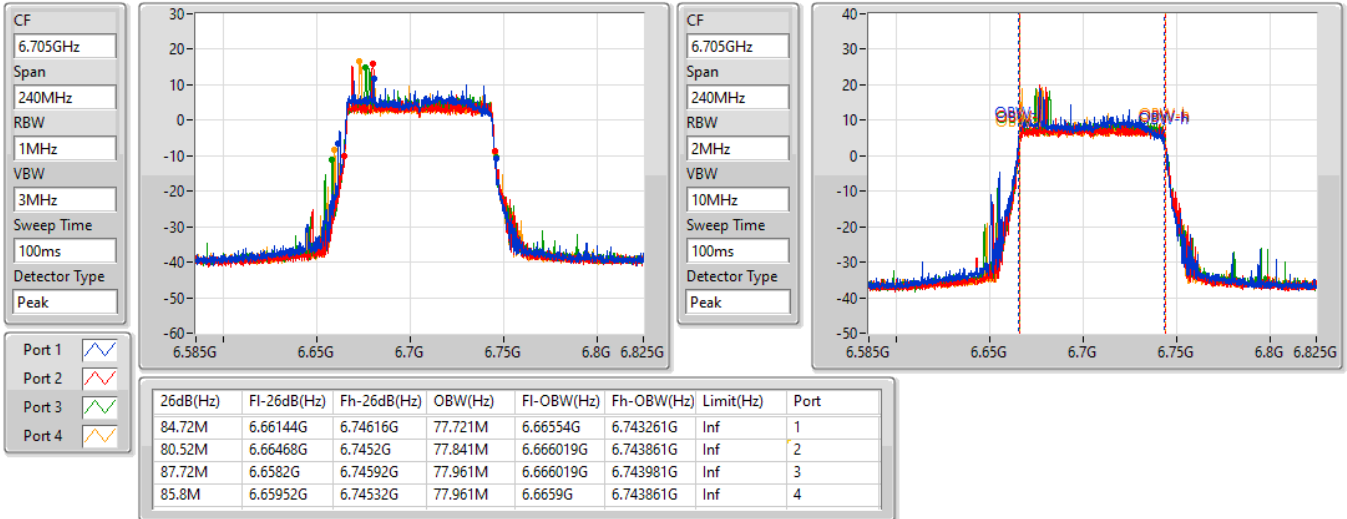

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6625MHz

28/02/2022

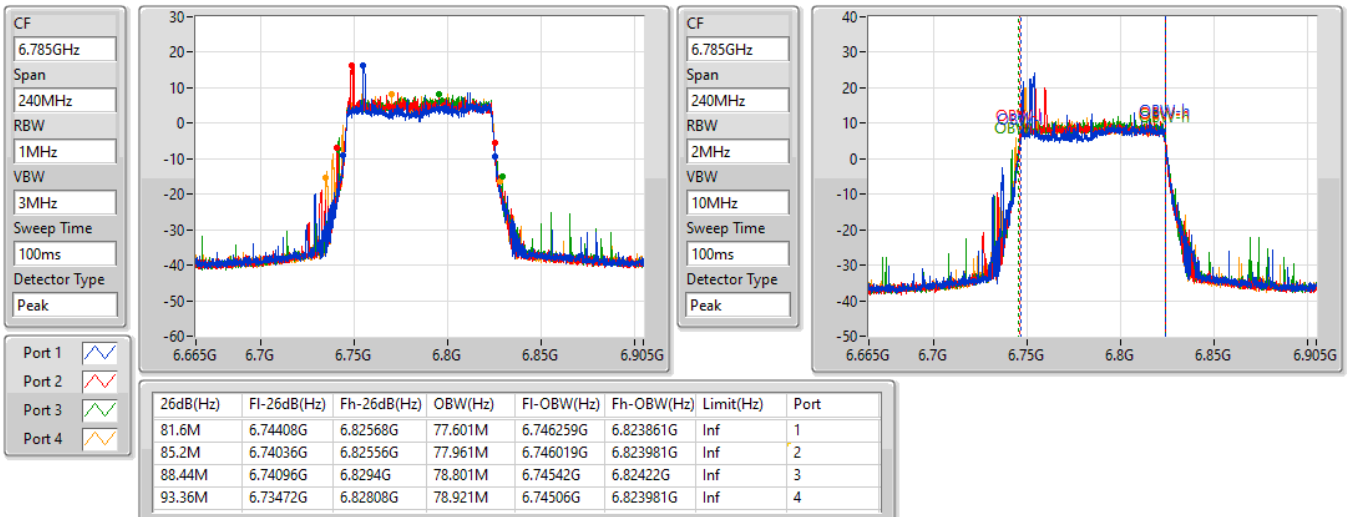


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6705MHz

28/02/2022

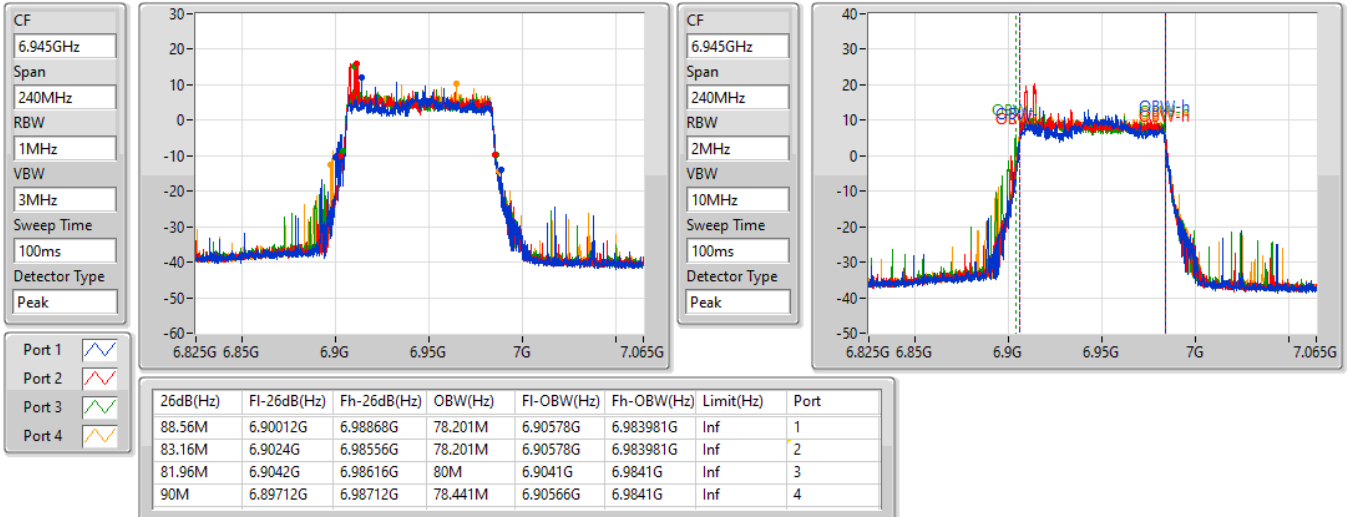

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6785MHz

28/02/2022

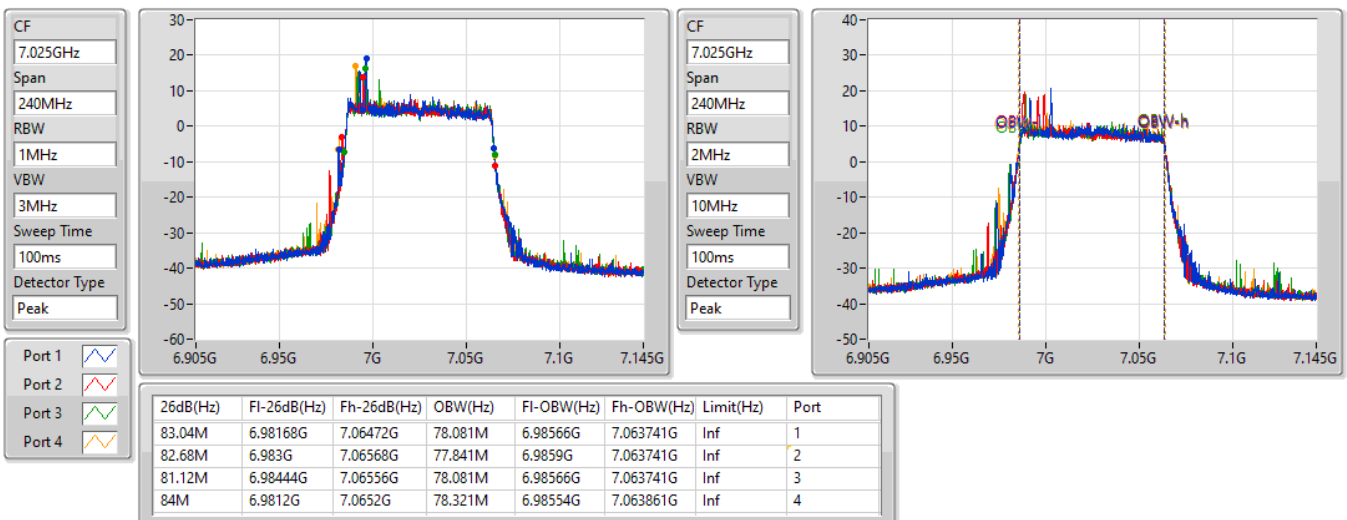


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6945MHz

28/02/2022

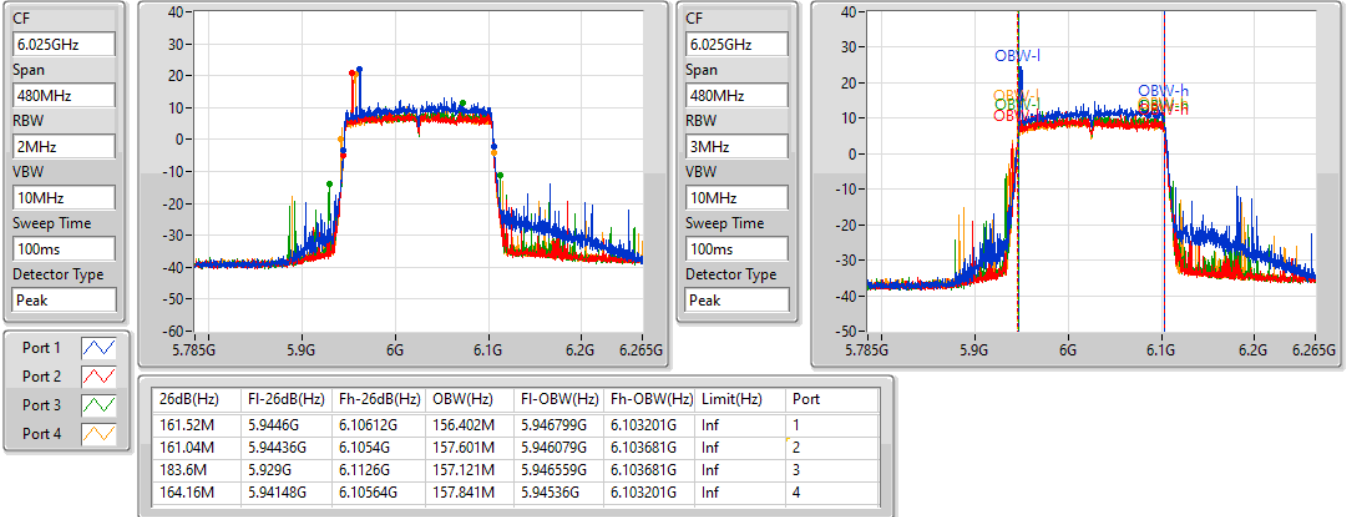

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
7025MHz

28/02/2022

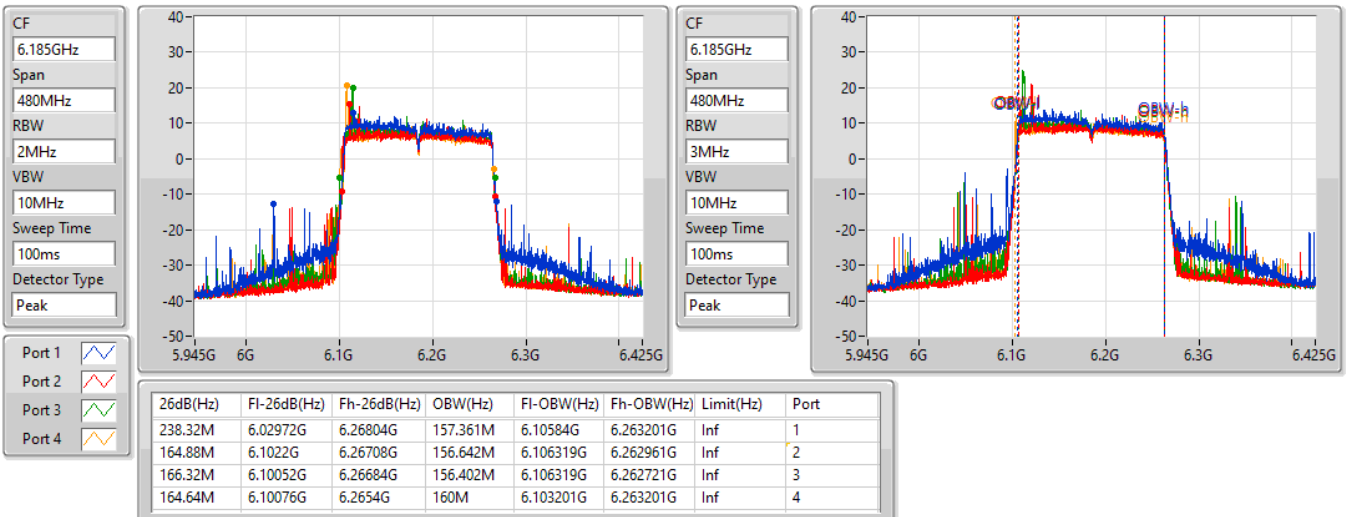


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6025MHz

01/03/2022

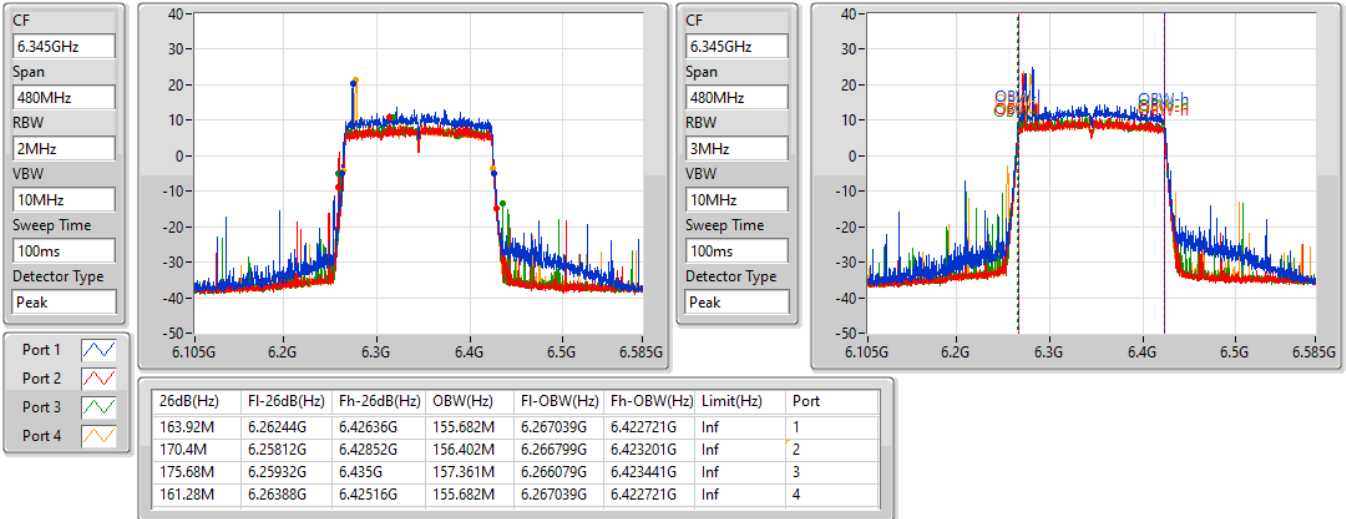

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6185MHz

01/03/2022

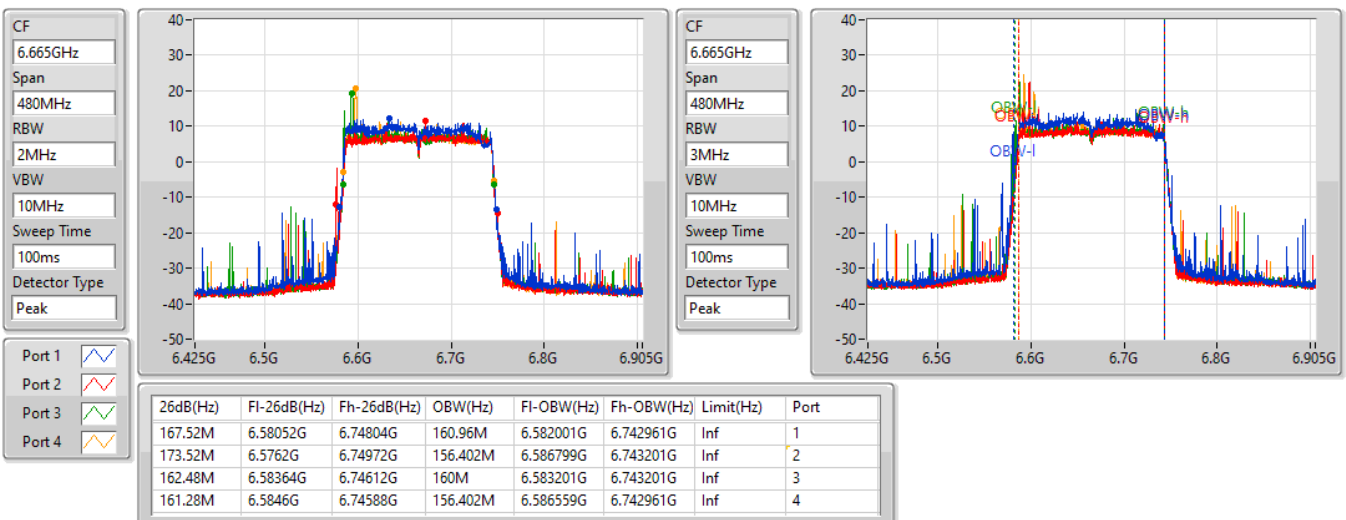


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6345MHz

01/03/2022


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6665MHz

01/03/2022

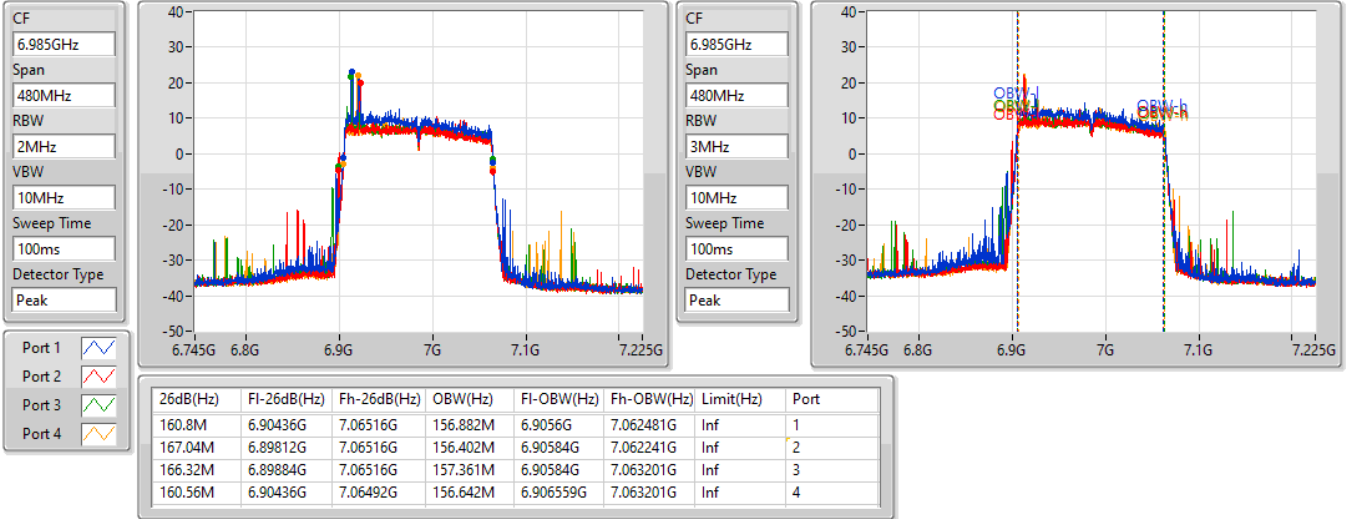


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6985MHz

01/03/2022



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	12.45	0.01758	17.41	0.05508
802.11ax HEW40_Nss1,(MCS0)_4TX	14.80	0.03020	19.76	0.09462
802.11ax HEW80_Nss1,(MCS0)_4TX	17.13	0.05164	22.09	0.16181
802.11ax HEW160_Nss1,(MCS0)_4TX	20.56	0.11376	25.52	0.35645
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	13.10	0.02042	17.29	0.05358
802.11ax HEW40_Nss1,(MCS0)_4TX	15.06	0.03206	19.25	0.08414
802.11ax HEW80_Nss1,(MCS0)_4TX	17.47	0.05585	21.66	0.14655
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	12.42	0.01746	15.82	0.03819
802.11ax HEW40_Nss1,(MCS0)_4TX	14.67	0.02931	18.07	0.06412
802.11ax HEW80_Nss1,(MCS0)_4TX	18.07	0.06412	21.47	0.14028
802.11ax HEW160_Nss1,(MCS0)_4TX	20.42	0.11015	23.82	0.24099
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	12.66	0.01845	15.90	0.03890
802.11ax HEW40_Nss1,(MCS0)_4TX	15.38	0.03451	18.62	0.07278
802.11ax HEW80_Nss1,(MCS0)_4TX	18.06	0.06397	21.30	0.13490
802.11ax HEW160_Nss1,(MCS0)_4TX	21.02	0.12647	24.26	0.26669

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	4.96	5.86	5.79	6.40	5.97	12.03	Inf	16.99	30.00
6175MHz	Pass	4.96	5.25	6.45	7.04	6.78	12.45	Inf	17.41	30.00
6415MHz	Pass	4.96	6.18	5.45	6.68	6.06	12.14	Inf	17.10	30.00
6435MHz	Pass	4.19	6.61	6.20	7.92	7.37	13.10	Inf	17.29	30.00
6475MHz	Pass	4.19	5.74	5.25	8.18	6.10	12.49	Inf	16.68	30.00
6515MHz	Pass	4.19	7.43	5.10	6.22	6.51	12.41	Inf	16.60	30.00
6535MHz	Pass	3.40	6.02	5.66	6.76	6.57	12.29	Inf	15.69	30.00
6695MHz	Pass	3.40	6.03	6.48	6.21	6.84	12.42	Inf	15.82	30.00
6855MHz	Pass	3.40	6.07	6.12	6.35	6.70	12.34	Inf	15.74	30.00
6895MHz	Pass	3.24	6.46	5.84	7.13	7.02	12.66	Inf	15.90	30.00
6995MHz	Pass	3.24	6.06	5.88	6.52	6.40	12.24	Inf	15.48	30.00
7095MHz	Pass	3.24	6.79	6.44	6.67	6.42	12.60	Inf	15.84	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	4.96	8.87	8.25	9.16	8.78	14.80	Inf	19.76	30.00
6165MHz	Pass	4.96	8.27	8.27	8.40	8.69	14.43	Inf	19.39	30.00
6405MHz	Pass	4.96	8.34	8.31	9.06	9.23	14.78	Inf	19.74	30.00
6445MHz	Pass	4.19	9.50	8.13	9.16	9.24	15.06	Inf	19.25	30.00
6485MHz	Pass	4.19	9.10	8.26	9.09	8.08	14.68	Inf	18.87	30.00
6565MHz	Pass	3.40	8.46	8.24	8.75	9.08	14.66	Inf	18.06	30.00
6685MHz	Pass	3.40	8.46	8.21	8.77	9.11	14.67	Inf	18.07	30.00
6845MHz	Pass	3.40	8.40	8.25	8.77	9.12	14.67	Inf	18.07	30.00
6925MHz	Pass	3.24	8.88	9.18	9.48	9.85	15.38	Inf	18.62	30.00
7005MHz	Pass	3.24	8.74	8.86	8.81	9.02	14.88	Inf	18.12	30.00
7085MHz	Pass	3.24	8.25	9.57	9.08	10.20	15.35	Inf	18.59	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	4.96	10.96	10.33	11.59	11.45	17.13	Inf	22.09	30.00
6145MHz	Pass	4.96	10.97	10.66	11.13	11.07	16.98	Inf	21.94	30.00
6385MHz	Pass	4.96	11.21	10.55	11.29	10.98	17.04	Inf	22.00	30.00
6465MHz	Pass	4.19	10.92	11.31	11.44	12.06	17.47	Inf	21.66	30.00
6625MHz	Pass	3.40	11.39	11.11	12.11	11.46	17.55	Inf	20.95	30.00
6705MHz	Pass	3.40	11.19	11.36	11.94	11.96	17.65	Inf	21.05	30.00
6785MHz	Pass	3.40	12.46	11.77	12.48	11.40	18.07	Inf	21.47	30.00
6945MHz	Pass	3.24	11.71	11.41	12.24	12.10	17.90	Inf	21.14	30.00
7025MHz	Pass	3.24	11.24	12.52	11.55	12.66	18.06	Inf	21.30	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	4.96	14.07	14.73	14.85	14.47	20.56	Inf	25.52	30.00
6185MHz	Pass	4.96	13.85	14.62	14.76	14.28	20.41	Inf	25.37	30.00
6345MHz	Pass	4.96	14.11	14.47	14.79	14.43	20.48	Inf	25.44	30.00
6665MHz	Pass	3.40	14.69	13.97	14.59	14.30	20.42	Inf	23.82	30.00
6985MHz	Pass	3.24	14.70	14.43	15.15	15.61	21.02	Inf	24.26	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.46	0.01762	17.92	0.06194
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.36	0.02729	19.82	0.09594
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.73	0.07464	24.19	0.26242
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.52	0.11272	25.98	0.39628
6.425-6.525GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.63	0.01832	17.72	0.05916
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.83	0.03041	19.92	0.09817
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.51	0.04477	21.60	0.14454
6.525-6.875GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.89	0.01945	18.25	0.06683
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.75	0.03758	21.11	0.12912
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.82	0.07621	24.18	0.26182
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.94	0.12417	26.30	0.42658
6.875-7.125GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.99	0.01991	17.96	0.06252
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.93	0.03917	20.90	0.12303
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.70	0.05888	22.67	0.18493
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.44	0.11066	25.41	0.34754

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	5.46	5.85	5.12	6.83	6.11	12.04	Inf	17.50	30.00
6175MHz	Pass	5.46	6.95	5.31	6.34	6.21	12.26	Inf	17.72	30.00
6415MHz	Pass	5.46	6.69	5.55	7.27	6.07	12.46	Inf	17.92	30.00
6435MHz	Pass	5.09	6.34	5.40	6.70	6.95	12.41	Inf	17.50	30.00
6475MHz	Pass	5.09	5.17	6.78	7.00	6.43	12.42	Inf	17.51	30.00
6515MHz	Pass	5.09	5.68	6.16	6.85	7.51	12.63	Inf	17.72	30.00
6535MHz	Pass	5.36	5.09	8.18	6.46	7.17	12.89	Inf	18.25	30.00
6695MHz	Pass	5.36	5.74	6.30	6.98	6.56	12.44	Inf	17.80	30.00
6855MHz	Pass	5.36	6.66	5.84	6.58	7.14	12.60	Inf	17.96	30.00
6895MHz	Pass	4.97	5.35	6.37	7.22	7.04	12.58	Inf	17.55	30.00
6995MHz	Pass	4.97	6.17	7.16	7.15	6.65	12.82	Inf	17.79	30.00
7095MHz	Pass	4.97	6.93	6.34	7.10	7.42	12.99	Inf	17.96	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	5.46	8.52	8.21	8.32	8.31	14.36	Inf	19.82	30.00
6165MHz	Pass	5.46	8.83	8.34	7.66	8.45	14.36	Inf	19.82	30.00
6405MHz	Pass	5.46	7.74	8.11	7.32	9.11	14.14	Inf	19.60	30.00
6445MHz	Pass	5.09	7.04	8.68	9.59	9.48	14.83	Inf	19.92	30.00
6485MHz	Pass	5.09	8.24	8.55	9.70	8.58	14.82	Inf	19.91	30.00
6565MHz	Pass	5.36	9.44	8.48	10.33	10.04	15.65	Inf	21.01	30.00
6685MHz	Pass	5.36	9.47	8.63	10.13	10.46	15.75	Inf	21.11	30.00
6845MHz	Pass	5.36	9.44	9.55	9.74	10.11	15.74	Inf	21.10	30.00
6925MHz	Pass	4.97	10.21	8.69	9.84	10.40	15.85	Inf	20.82	30.00
7005MHz	Pass	4.97	8.84	8.61	9.61	10.00	15.32	Inf	20.29	30.00
7085MHz	Pass	4.97	9.00	9.45	10.18	10.79	15.93	Inf	20.90	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	5.46	13.68	12.27	12.65	12.03	18.73	Inf	24.19	30.00
6145MHz	Pass	5.46	13.76	12.15	12.36	12.01	18.65	Inf	24.11	30.00
6385MHz	Pass	5.46	11.99	11.57	11.89	11.75	17.82	Inf	23.28	30.00
6465MHz	Pass	5.09	10.47	10.49	10.59	10.42	16.51	Inf	21.60	30.00
6625MHz	Pass	5.36	11.85	11.42	11.60	11.46	17.61	Inf	22.97	30.00
6705MHz	Pass	5.36	12.45	11.66	11.49	12.22	17.99	Inf	23.35	30.00
6785MHz	Pass	5.36	12.41	12.77	12.66	13.30	18.82	Inf	24.18	30.00
6945MHz	Pass	4.97	11.31	11.86	11.03	11.88	17.56	Inf	22.53	30.00
7025MHz	Pass	4.97	11.29	11.67	11.61	12.11	17.70	Inf	22.67	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	5.46	13.92	13.61	15.02	15.24	20.52	Inf	25.98	30.00
6185MHz	Pass	5.46	14.18	14.30	14.72	14.20	20.38	Inf	25.84	30.00
6345MHz	Pass	5.46	13.90	13.65	13.14	13.73	19.63	Inf	25.09	30.00
6665MHz	Pass	5.36	16.06	14.57	14.30	14.53	20.94	Inf	26.30	30.00
6985MHz	Pass	4.97	15.46	14.12	13.79	14.09	20.44	Inf	25.41	30.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.57	4.89
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.62	4.84
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.47	4.99
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.47	4.99
6.425-6.525GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.27	4.82
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.50	4.59
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.56	4.53
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.37	4.99
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.51	4.85
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.37	4.99
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.69	4.67
6.875-7.125GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.32	4.65
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.10	4.87
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.28	4.69
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.08	4.89

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	5.46	-5.76	-7.10	-6.40	-6.99	-0.57	4.89	5.00
6175MHz	Pass	5.46	-6.37	-6.58	-6.09	-6.22	-0.59	4.87	5.00
6415MHz	Pass	5.46	-5.67	-7.67	-6.27	-7.09	-0.74	4.72	5.00
6435MHz	Pass	5.09	-6.05	-6.31	-4.52	-5.49	-0.34	4.75	5.00
6475MHz	Pass	5.09	-6.17	-6.96	-3.90	-5.81	-0.27	4.82	5.00
6515MHz	Pass	5.09	-4.64	-7.03	-6.53	-5.90	-0.55	4.54	5.00
6535MHz	Pass	5.36	-7.11	-5.93	-4.99	-5.76	-0.58	4.78	5.00
6695MHz	Pass	5.36	-6.00	-5.69	-5.67	-5.27	-0.37	4.99	5.00
6855MHz	Pass	5.36	-8.31	-6.15	-4.78	-5.21	-0.66	4.70	5.00
6895MHz	Pass	4.97	-5.60	-6.25	-5.02	-5.29	-0.32	4.65	5.00
6995MHz	Pass	4.97	-6.04	-6.08	-5.49	-5.51	-0.40	4.57	5.00
7095MHz	Pass	4.97	-5.34	-5.80	-5.73	-6.03	-0.44	4.53	5.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	5.46	-5.36	-7.80	-6.15	-7.20	-0.62	4.84	5.00
6165MHz	Pass	5.46	-7.59	-5.45	-5.58	-5.19	-0.77	4.69	5.00
6405MHz	Pass	5.46	-5.34	-7.26	-6.26	-6.51	-0.64	4.82	5.00
6445MHz	Pass	5.09	-5.27	-7.05	-5.55	-5.52	-0.50	4.59	5.00
6485MHz	Pass	5.09	-4.68	-6.28	-5.67	-6.51	-0.62	4.47	5.00
6565MHz	Pass	5.36	-5.30	-6.00	-5.47	-6.36	-0.81	4.55	5.00
6685MHz	Pass	5.36	-5.39	-6.15	-5.66	-5.11	-0.51	4.85	5.00
6845MHz	Pass	5.36	-6.55	-6.52	-5.25	-5.98	-0.79	4.57	5.00
6925MHz	Pass	4.97	-5.42	-6.45	-6.05	-5.83	-0.11	4.86	5.00
7005MHz	Pass	4.97	-5.56	-6.76	-6.43	-6.63	-0.43	4.54	5.00
7085MHz	Pass	4.97	-6.41	-6.33	-6.13	-5.49	-0.10	4.87	5.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	5.46	-4.77	-8.26	-6.22	-7.00	-0.47	4.99	5.00
6145MHz	Pass	5.46	-6.30	-7.97	-6.05	-6.93	-0.77	4.69	5.00
6385MHz	Pass	5.46	-4.62	-8.06	-6.88	-7.85	-0.72	4.74	5.00
6465MHz	Pass	5.09	-5.06	-7.18	-6.97	-6.12	-0.56	4.53	5.00
6625MHz	Pass	5.36	-5.61	-7.53	-6.32	-7.19	-0.83	4.53	5.00
6705MHz	Pass	5.36	-6.31	-7.70	-6.52	-6.89	-0.84	4.52	5.00
6785MHz	Pass	5.36	-4.84	-6.78	-5.87	-7.29	-0.37	4.99	5.00
6945MHz	Pass	4.97	-5.44	-7.27	-5.81	-6.70	-0.30	4.67	5.00
7025MHz	Pass	4.97	-5.80	-6.17	-6.72	-6.14	-0.28	4.69	5.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	5.46	-5.01	-6.90	-5.90	-6.80	-0.47	4.99	5.00
6185MHz	Pass	5.46	-5.08	-6.51	-6.27	-7.21	-0.67	4.79	5.00
6345MHz	Pass	5.46	-4.85	-6.91	-6.30	-6.85	-0.51	4.95	5.00
6665MHz	Pass	5.36	-5.17	-7.24	-6.58	-6.93	-0.69	4.67	5.00
6985MHz	Pass	4.97	-4.99	-7.10	-5.66	-5.72	-0.08	4.89	5.00

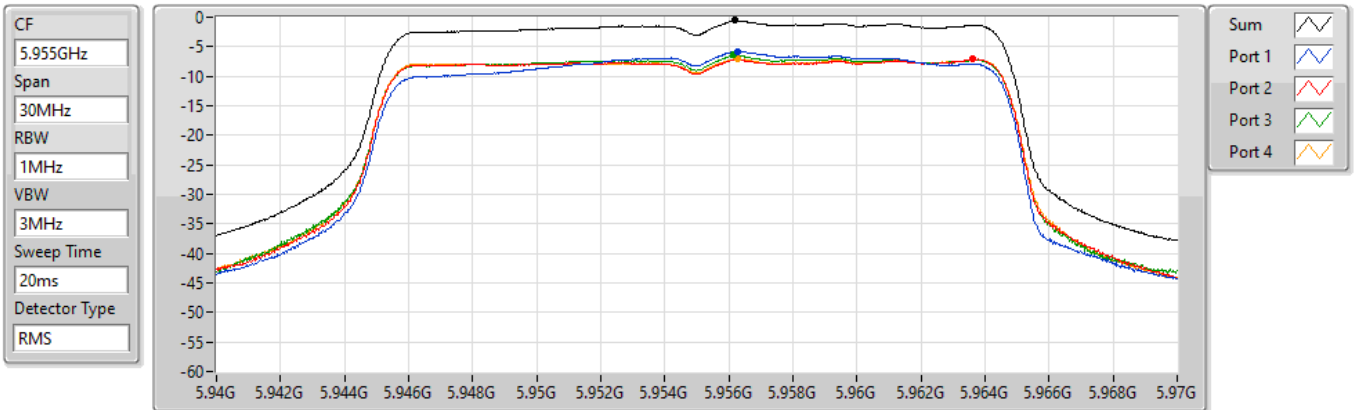
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5955MHz

27/02/2022



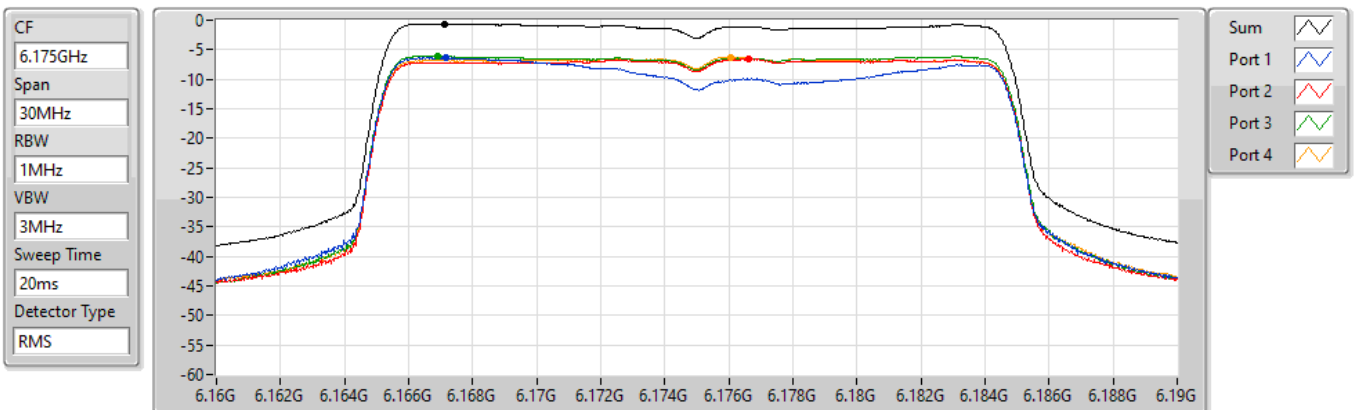
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.57	-0.57	-5.76	-7.10	-6.40	-6.99

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6175MHz

27/02/2022



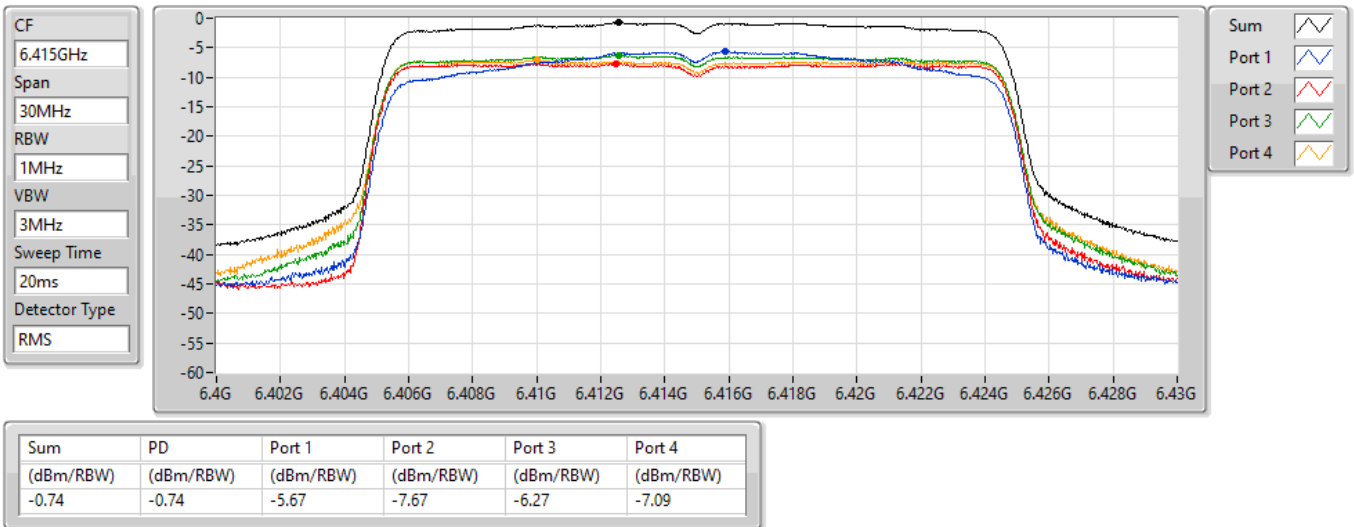
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.59	-0.59	-6.37	-6.58	-6.09	-6.22

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6415MHz

21/05/2022

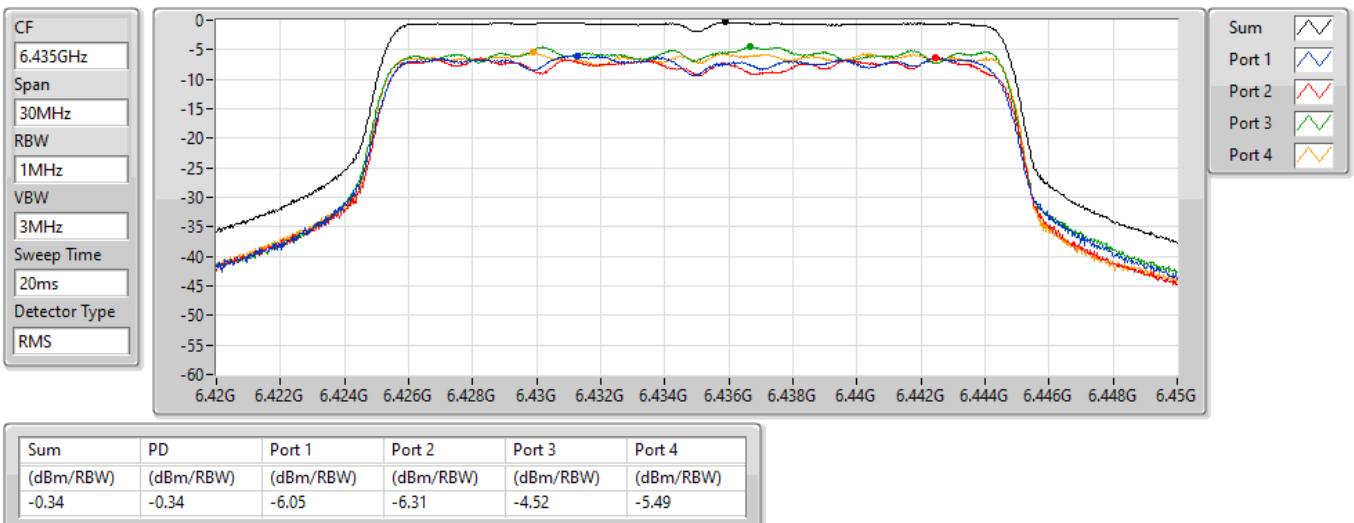


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6435MHz

21/05/2022

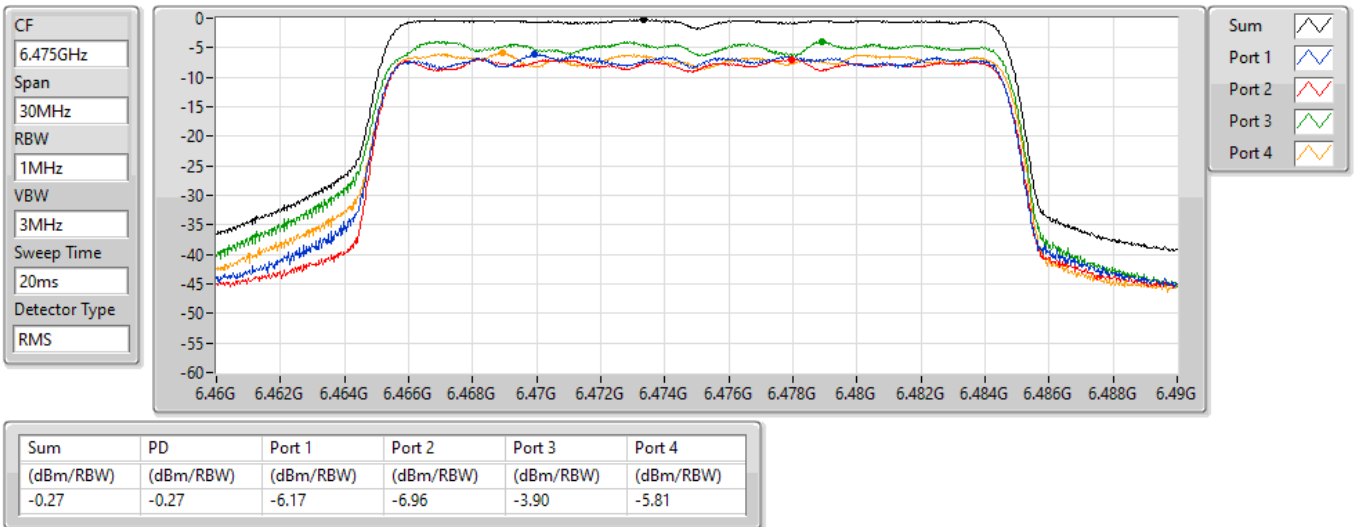


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6475MHz

21/05/2022

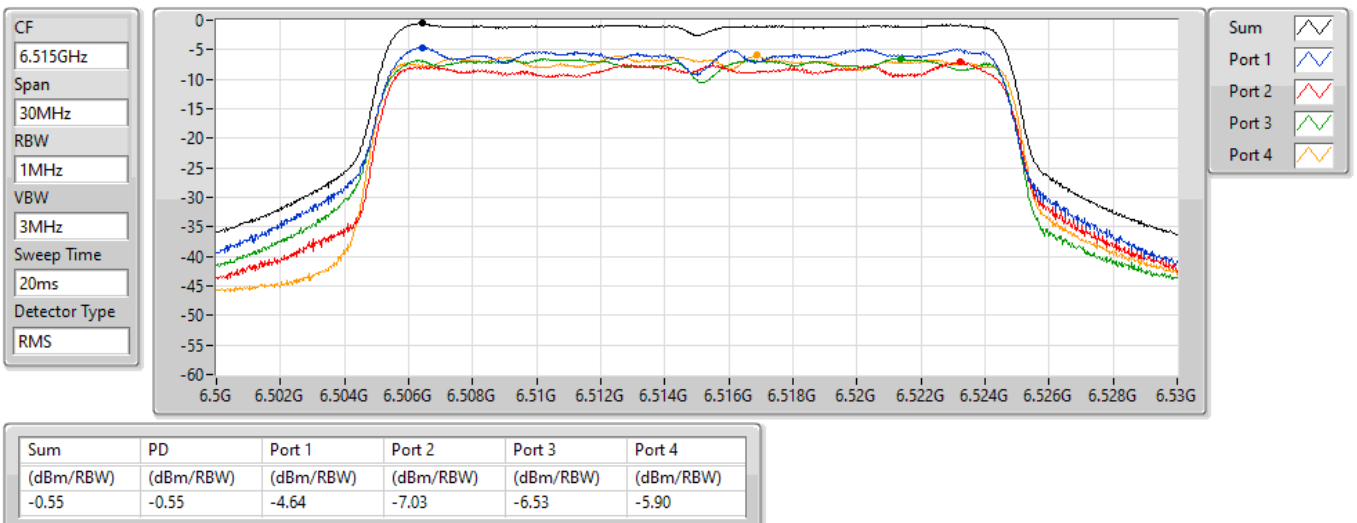


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6515MHz

21/05/2022

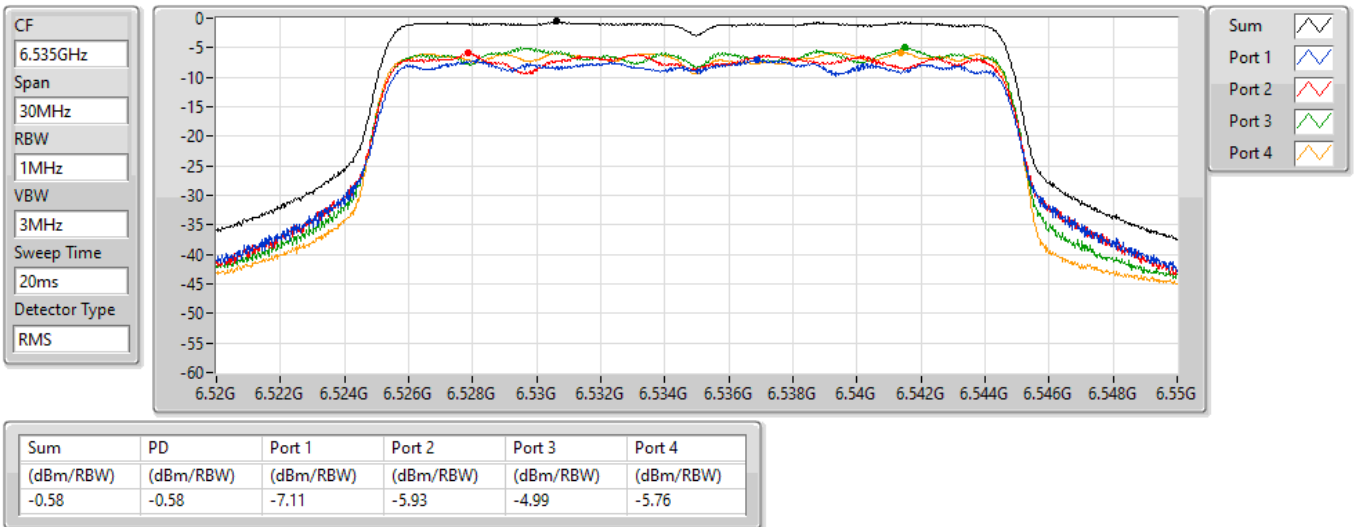


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6535MHz

21/05/2022

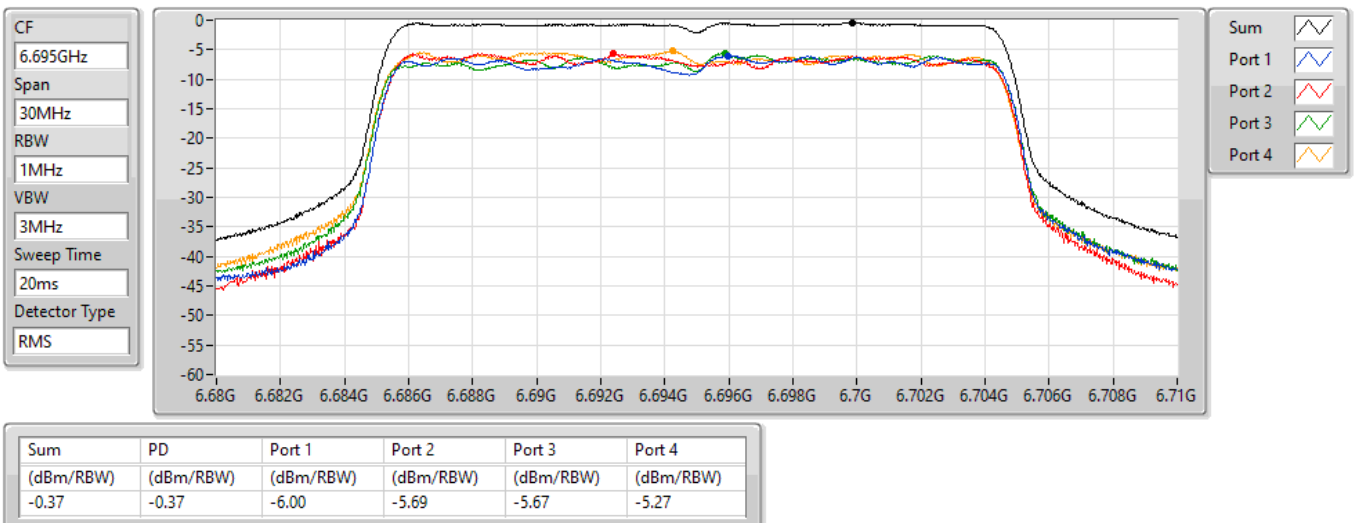


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6695MHz

21/05/2022

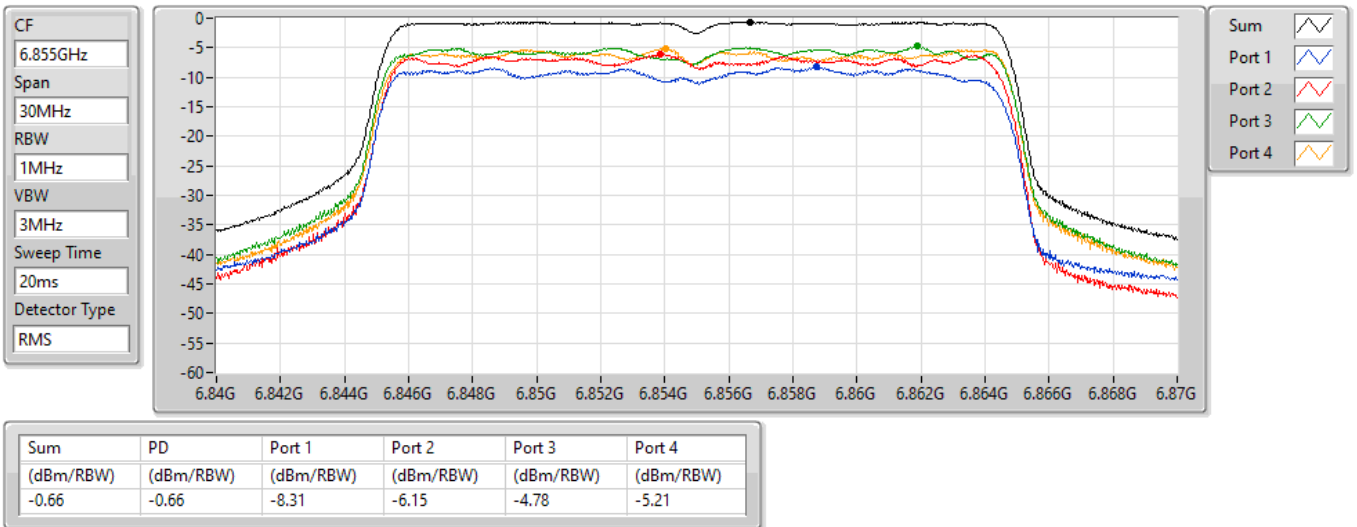


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6855MHz

21/05/2022

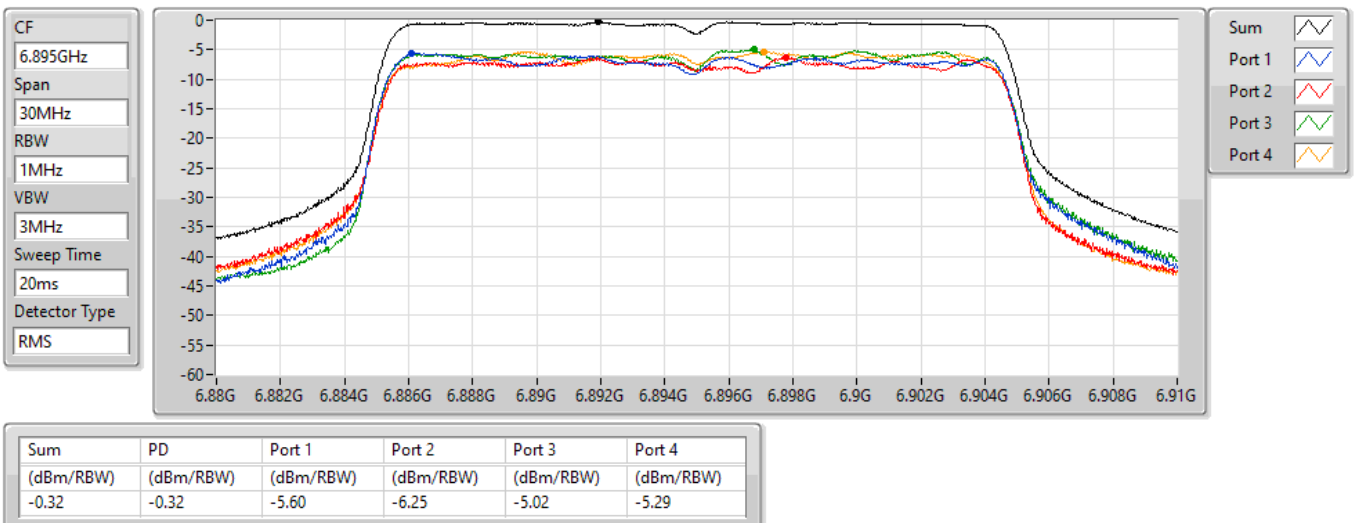


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6895MHz

21/05/2022

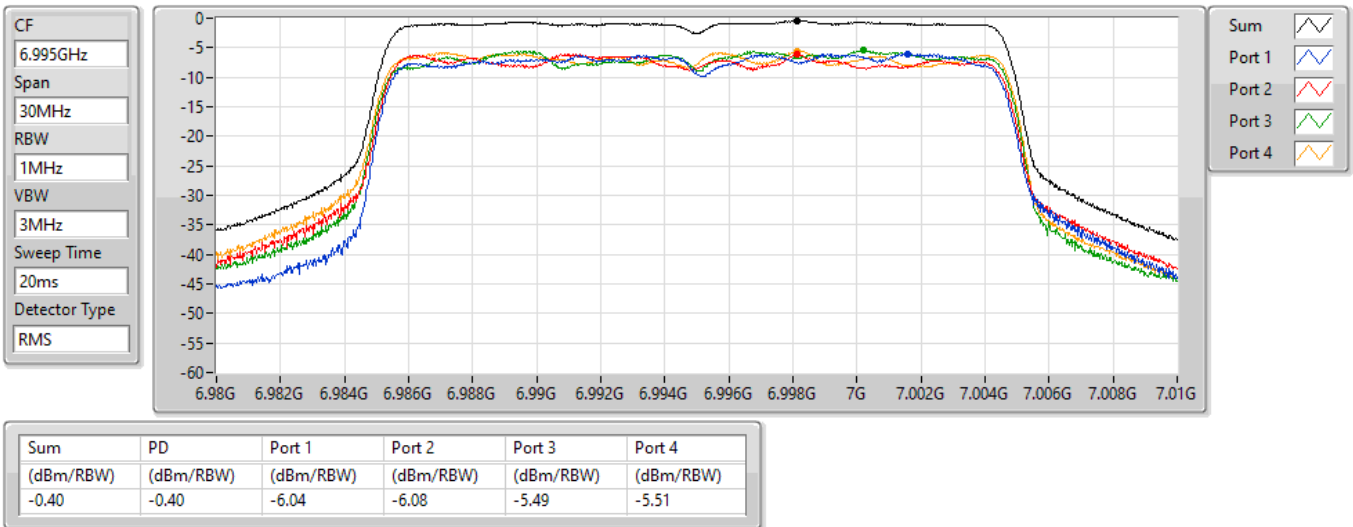


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

6995MHz

21/05/2022

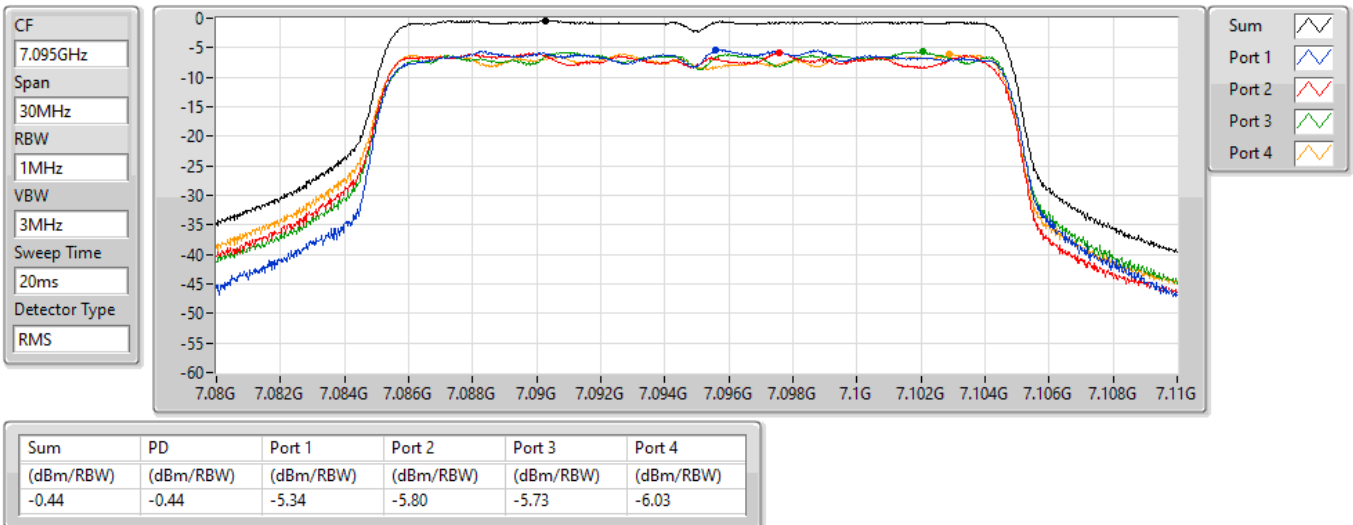


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

7095MHz

21/05/2022

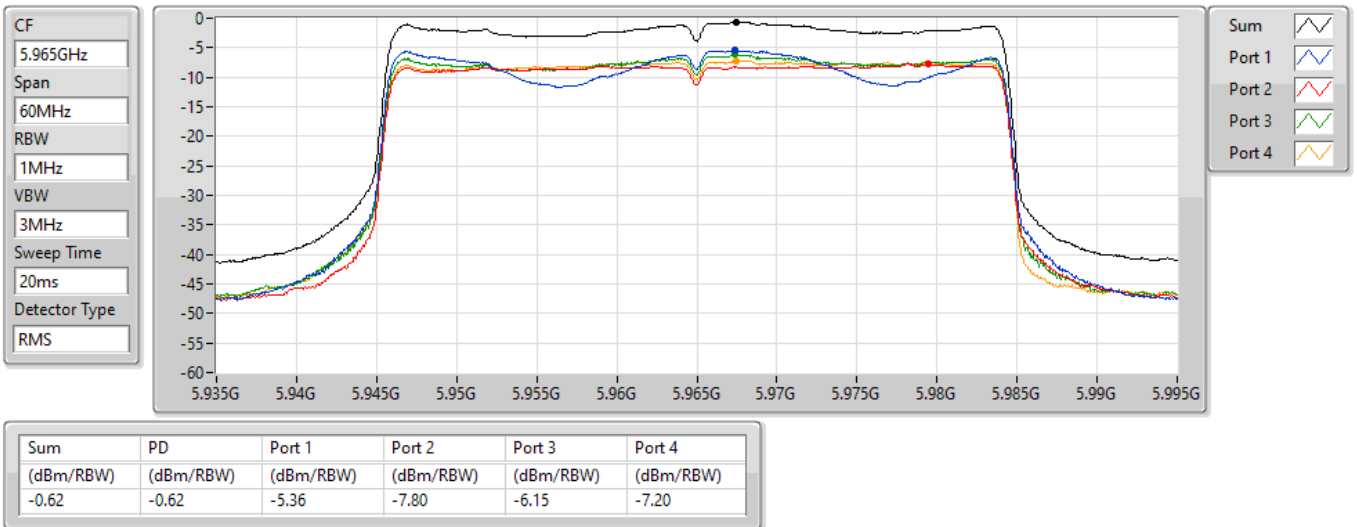


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5965MHz

26/02/2022

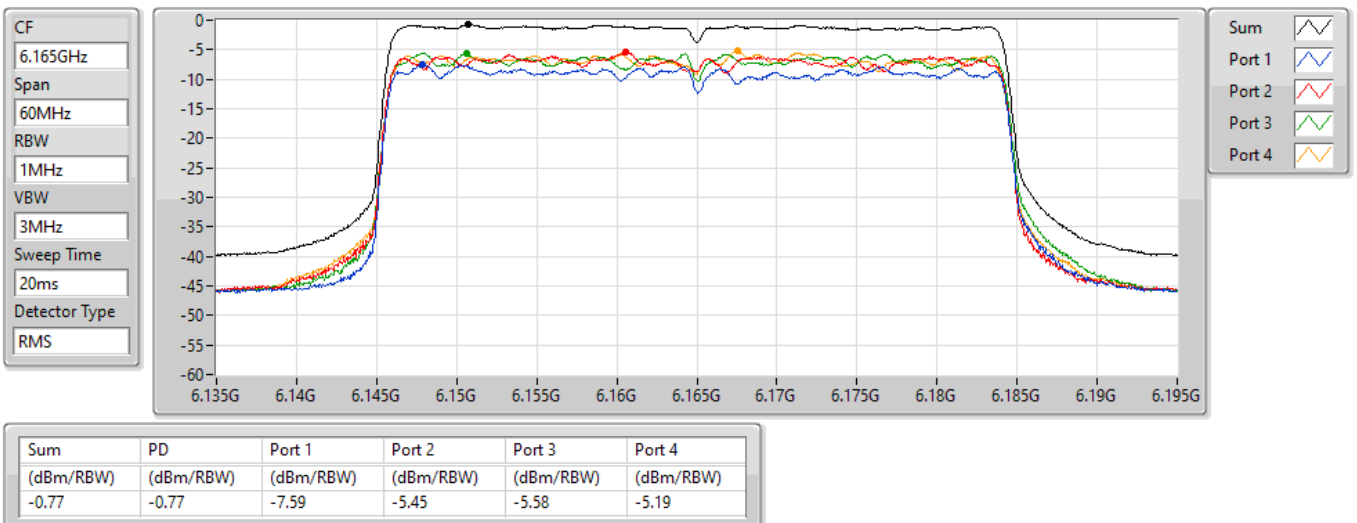


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6165MHz

21/05/2022

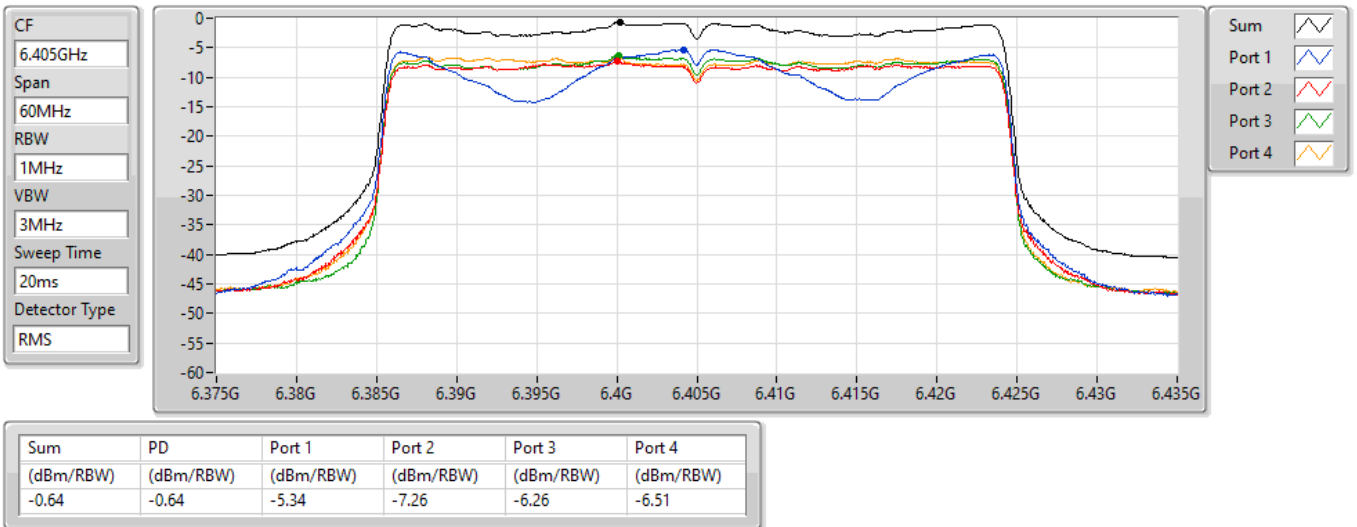


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6405MHz

26/02/2022

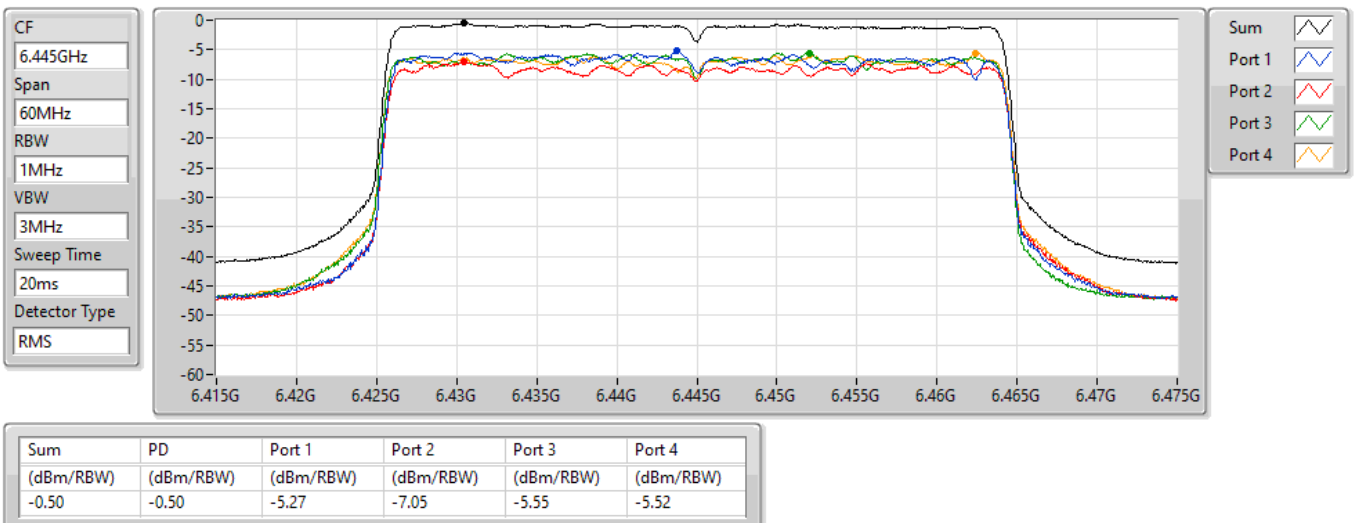


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6445MHz

21/05/2022

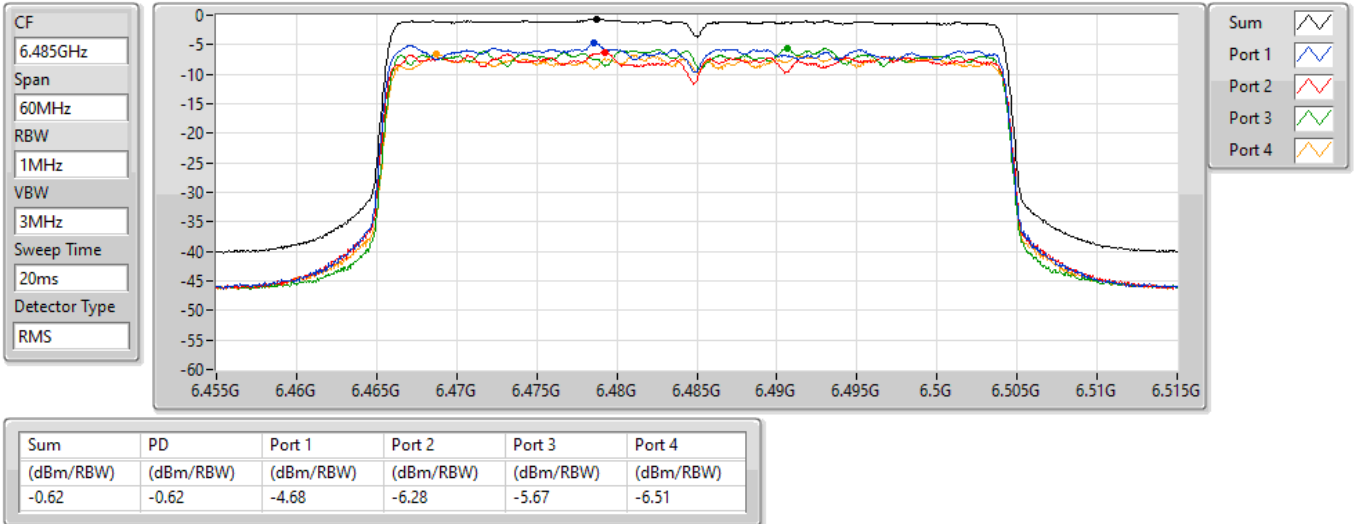


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6485MHz

21/05/2022



802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6565MHz

21/05/2022

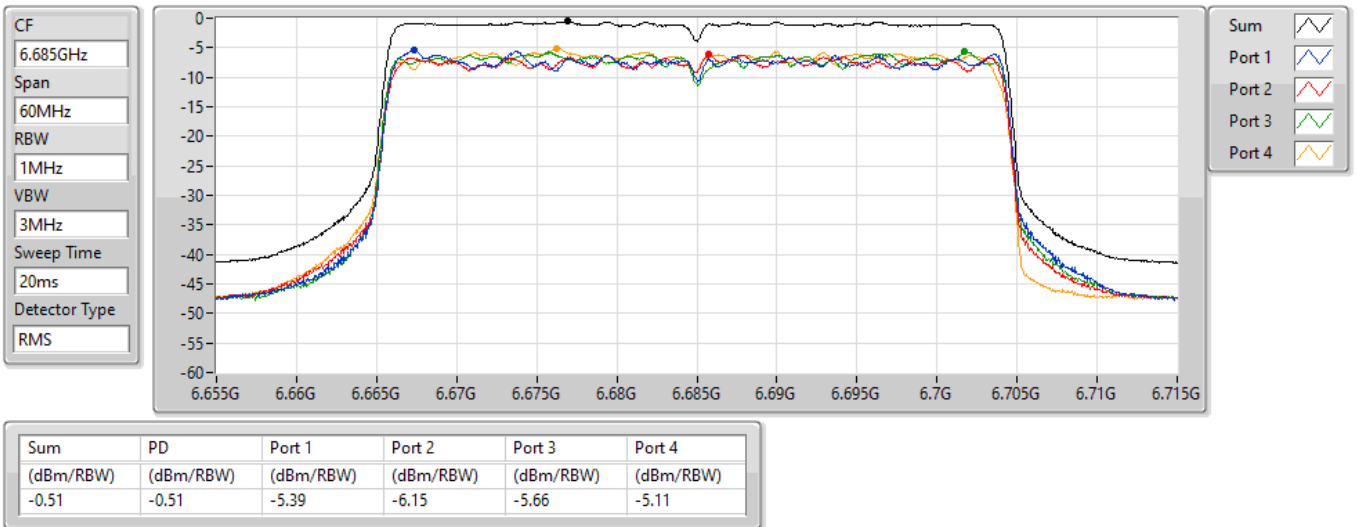


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6685MHz

21/05/2022

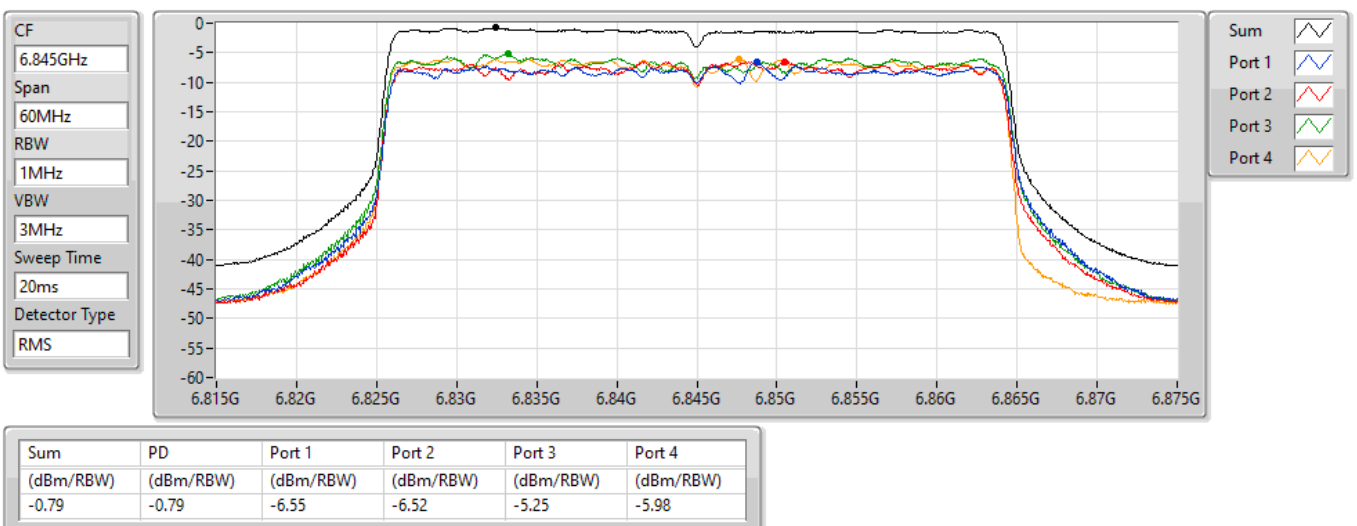


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6845MHz

21/05/2022

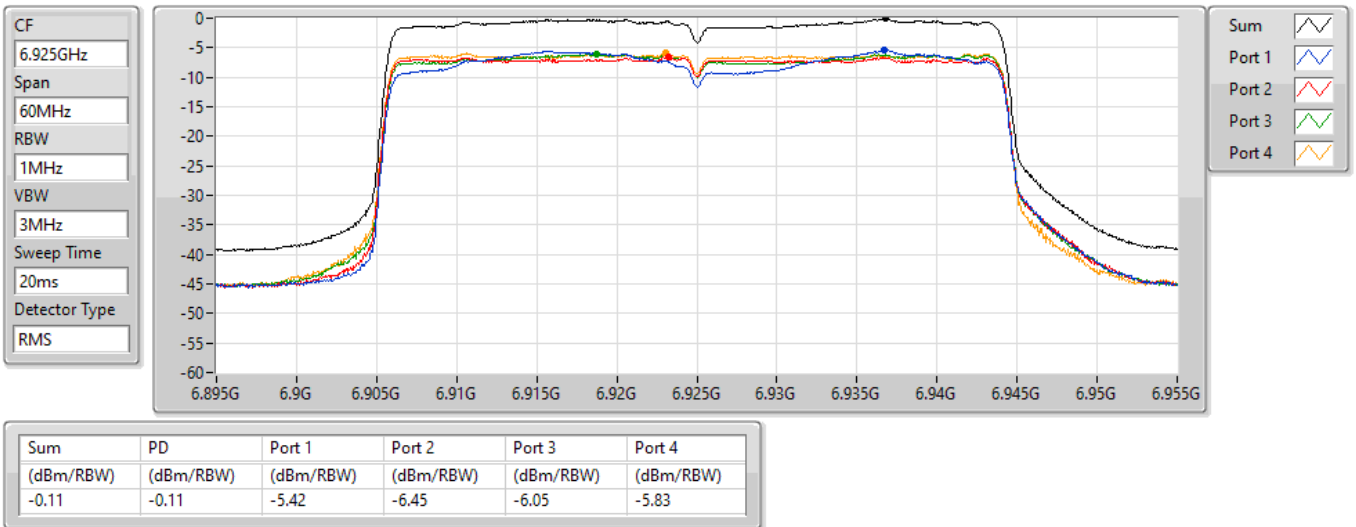


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

6925MHz

21/05/2022

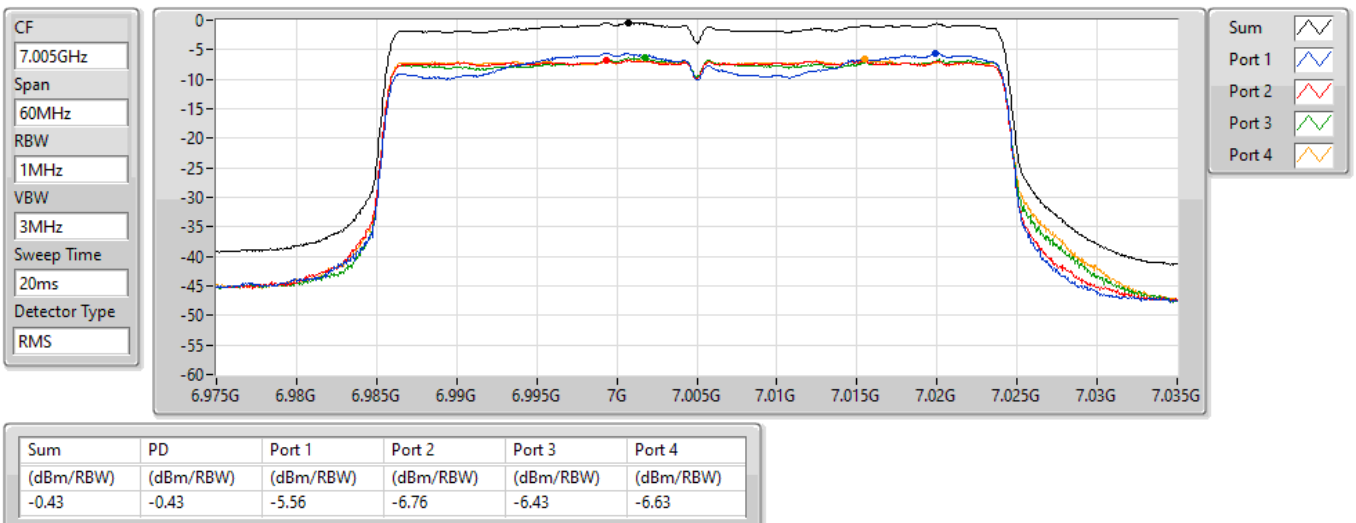


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

7005MHz

21/05/2022

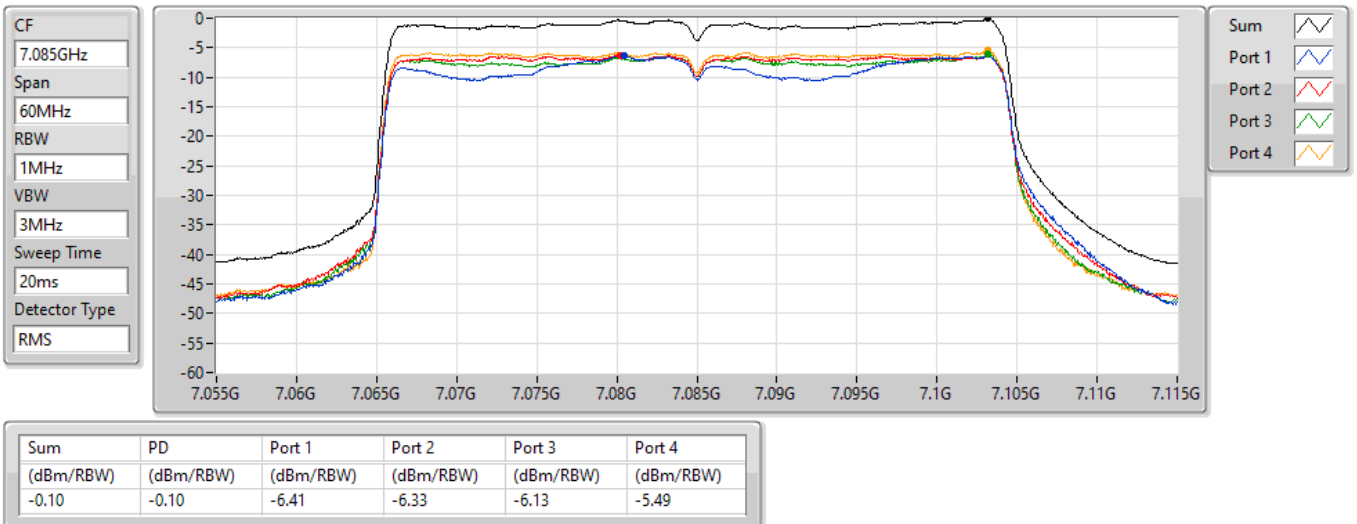


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

7085MHz

21/05/2022

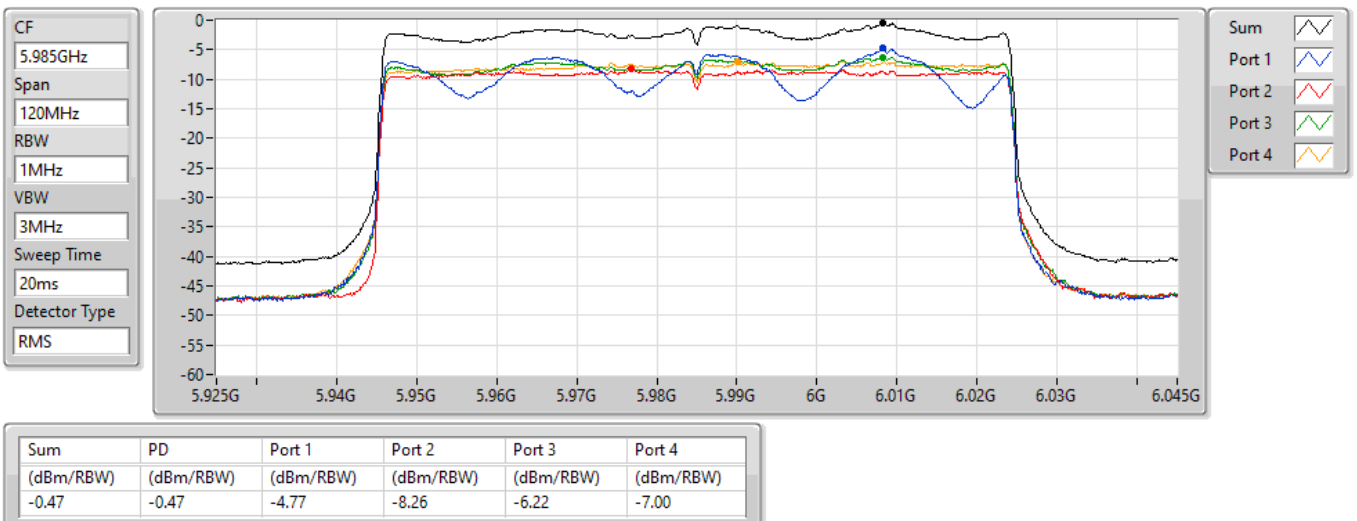


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5985MHz

21/05/2022

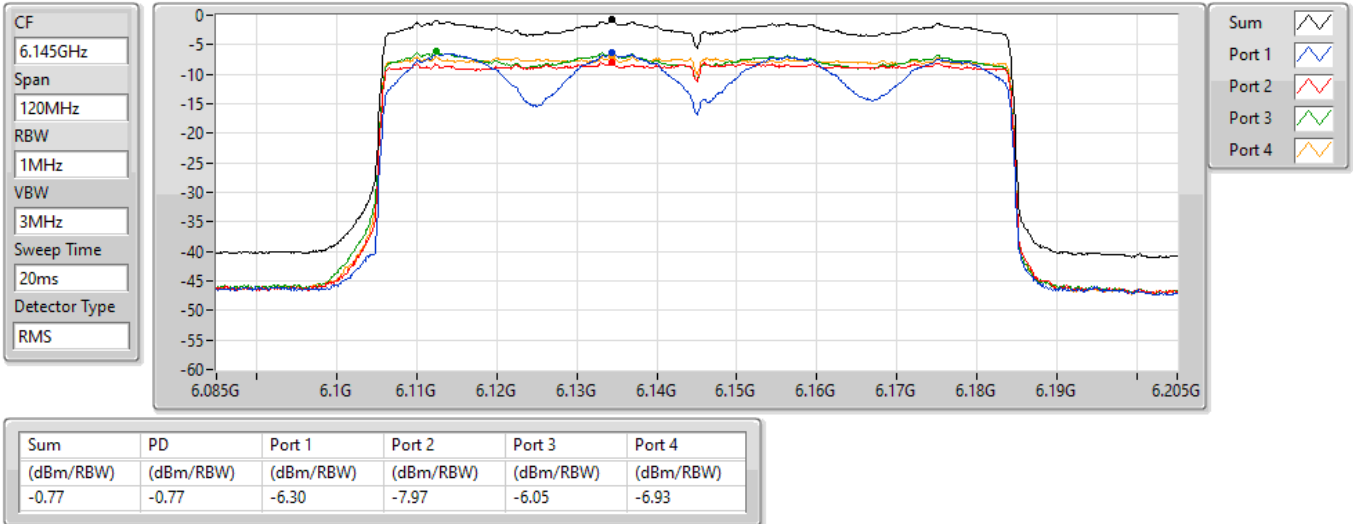


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6145MHz

21/05/2022

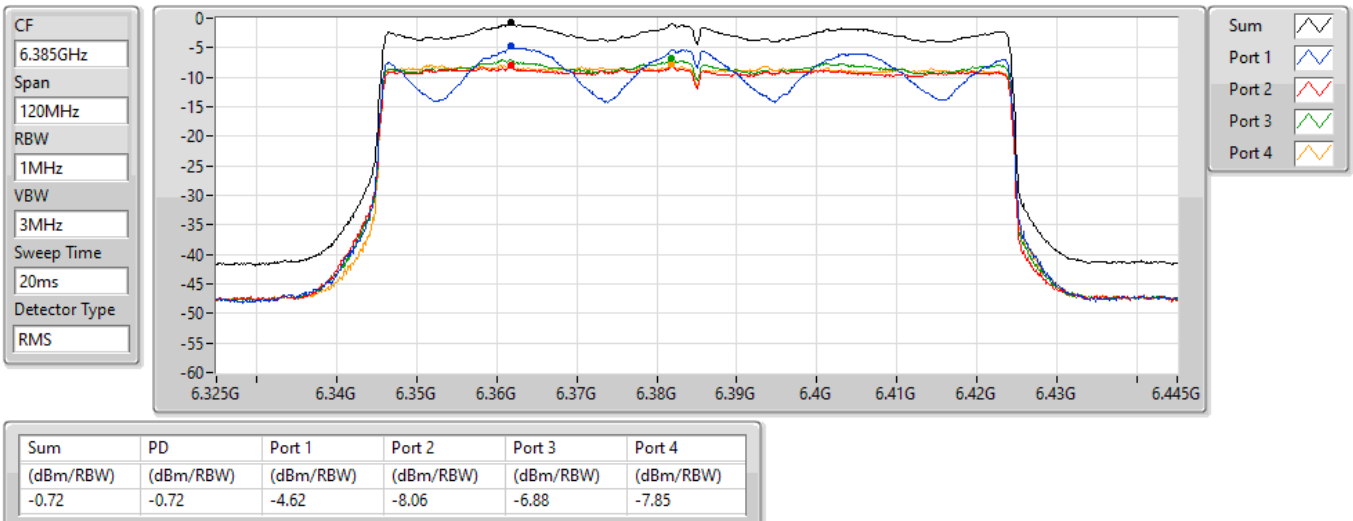


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6385MHz

21/05/2022

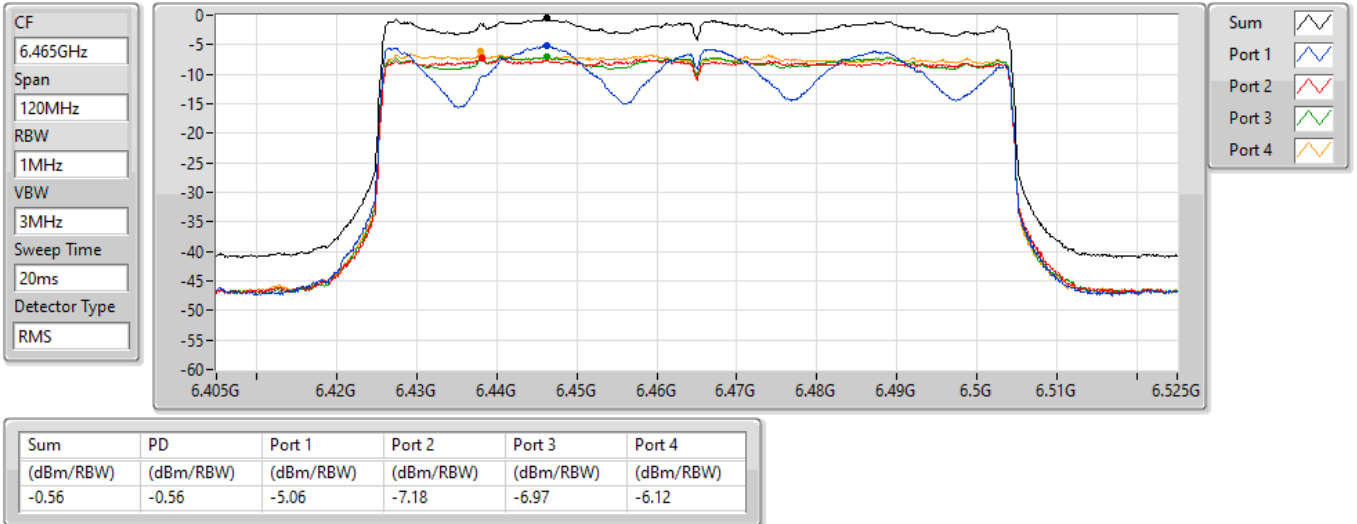


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6465MHz

21/05/2022

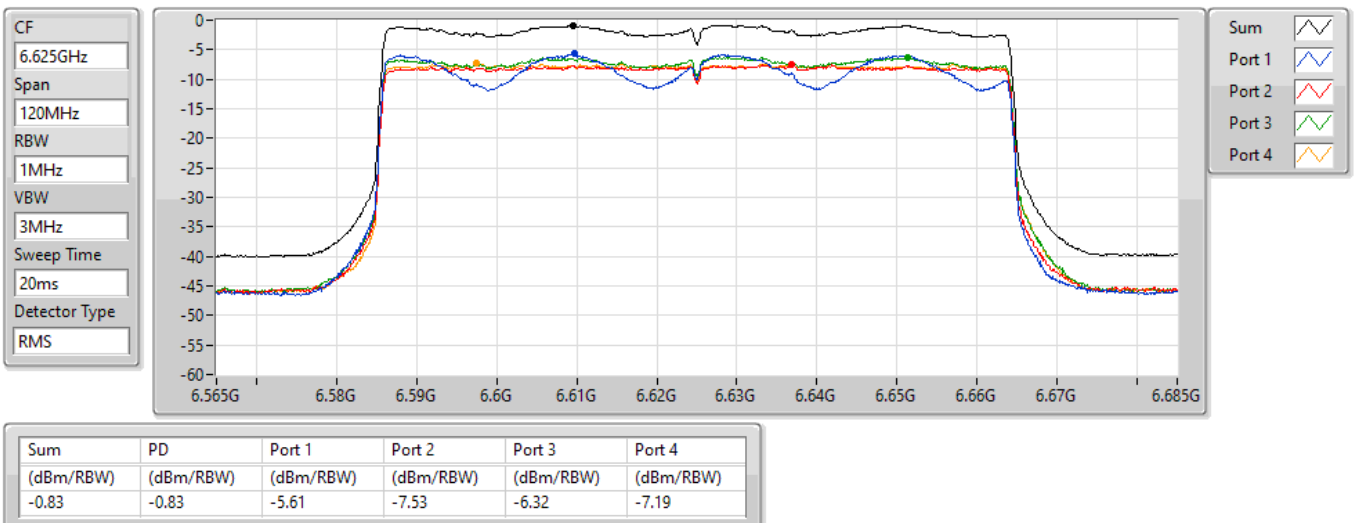


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6625MHz

21/05/2022

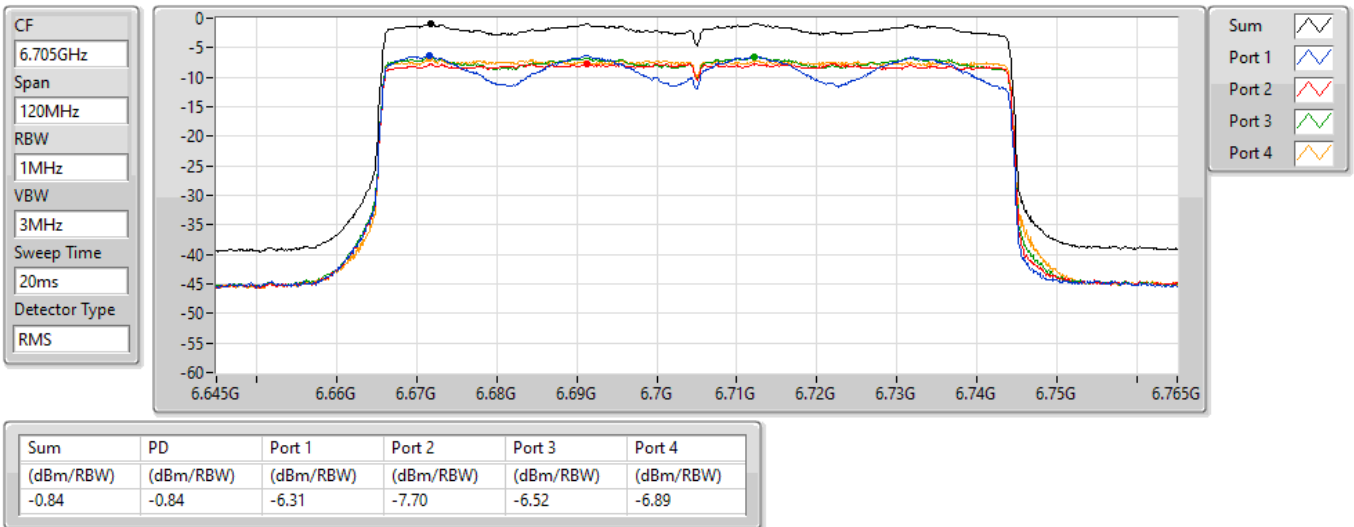


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6705MHz

21/05/2022

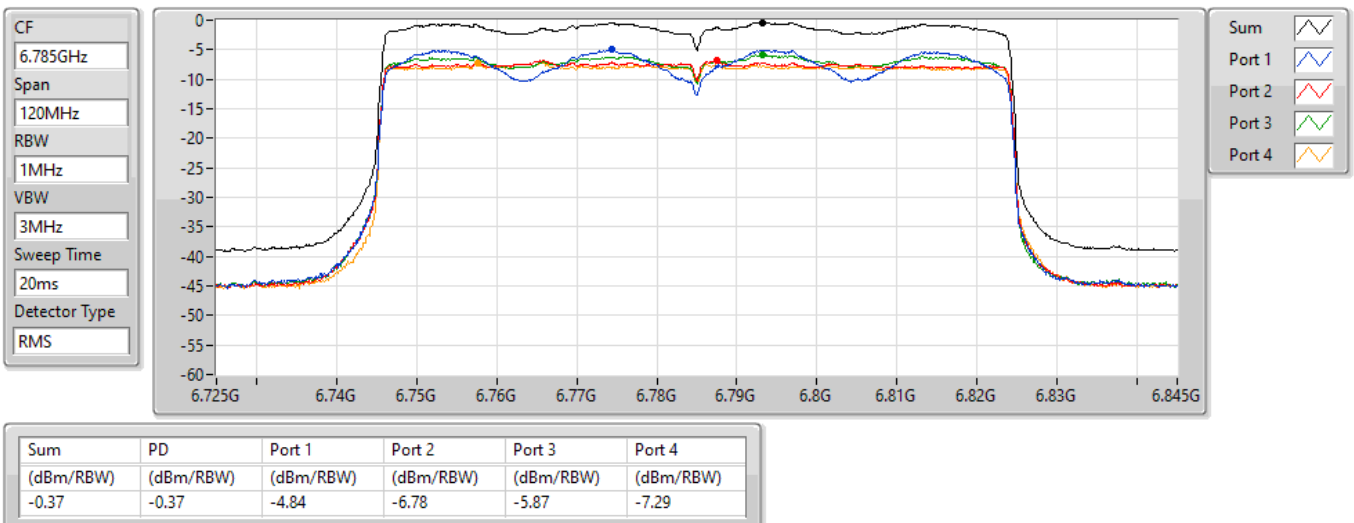


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6785MHz

21/05/2022

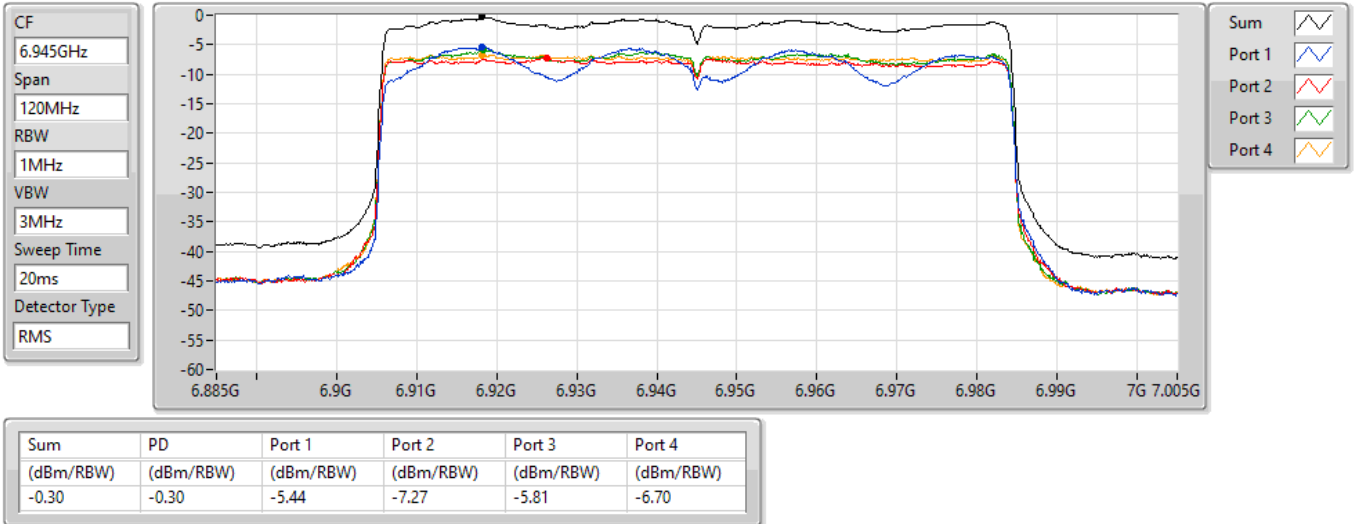


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

6945MHz

21/05/2022

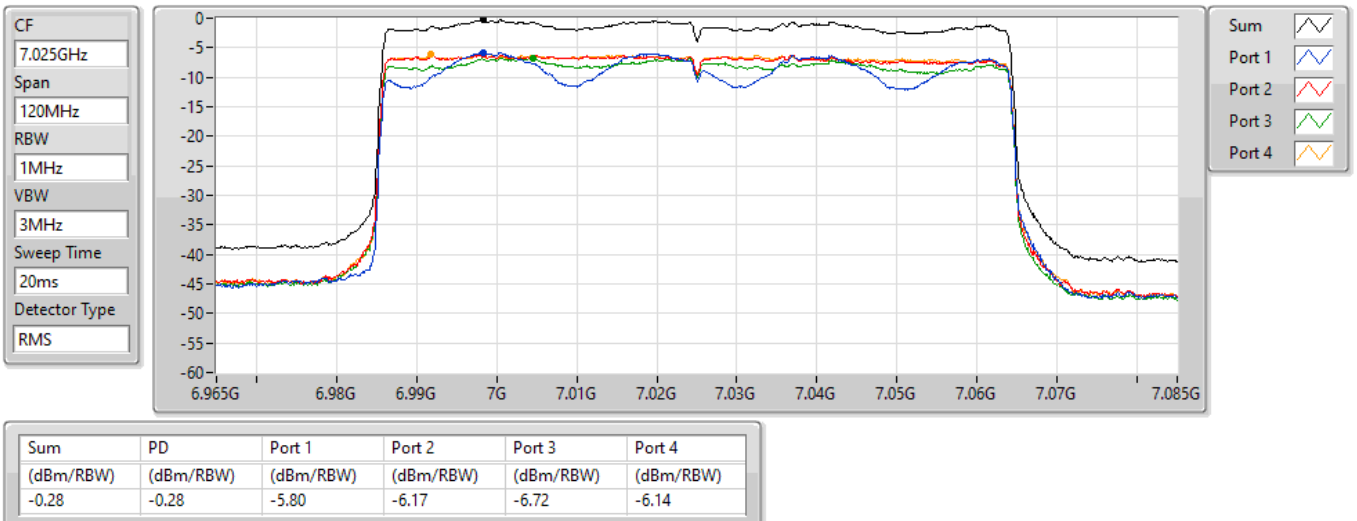


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

7025MHz

21/05/2022

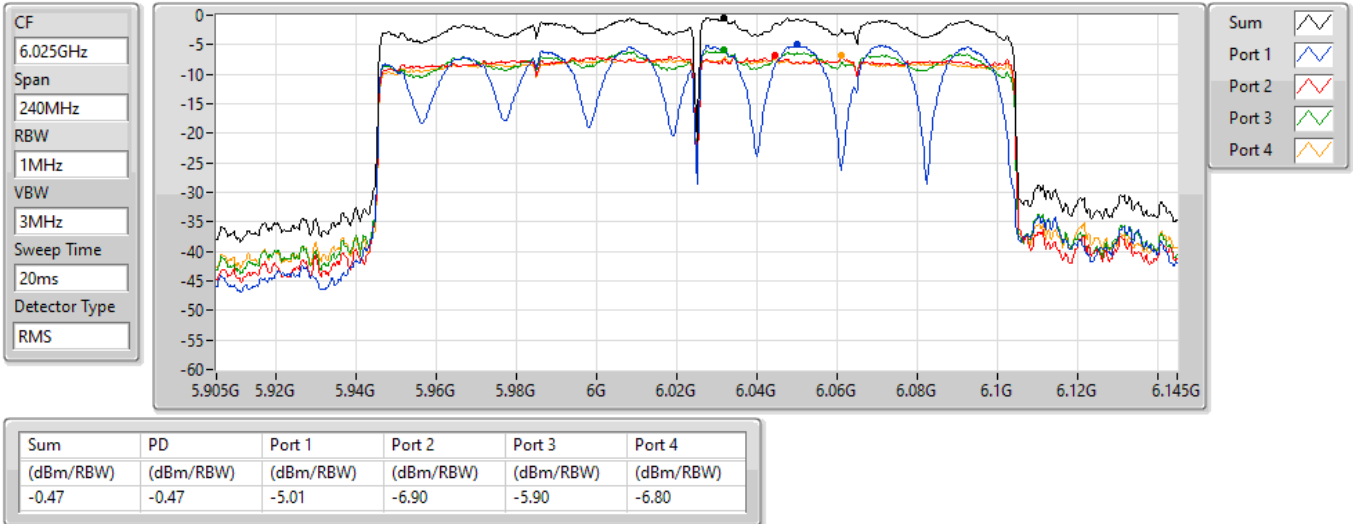


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

6025MHz

26/02/2022

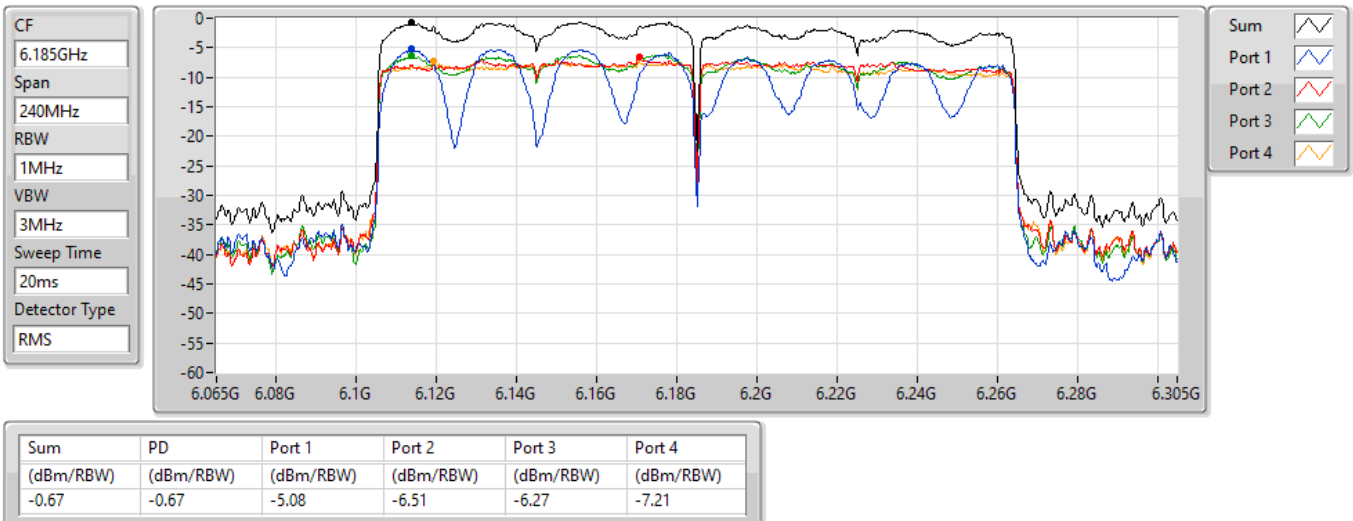


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

6185MHz

26/02/2022

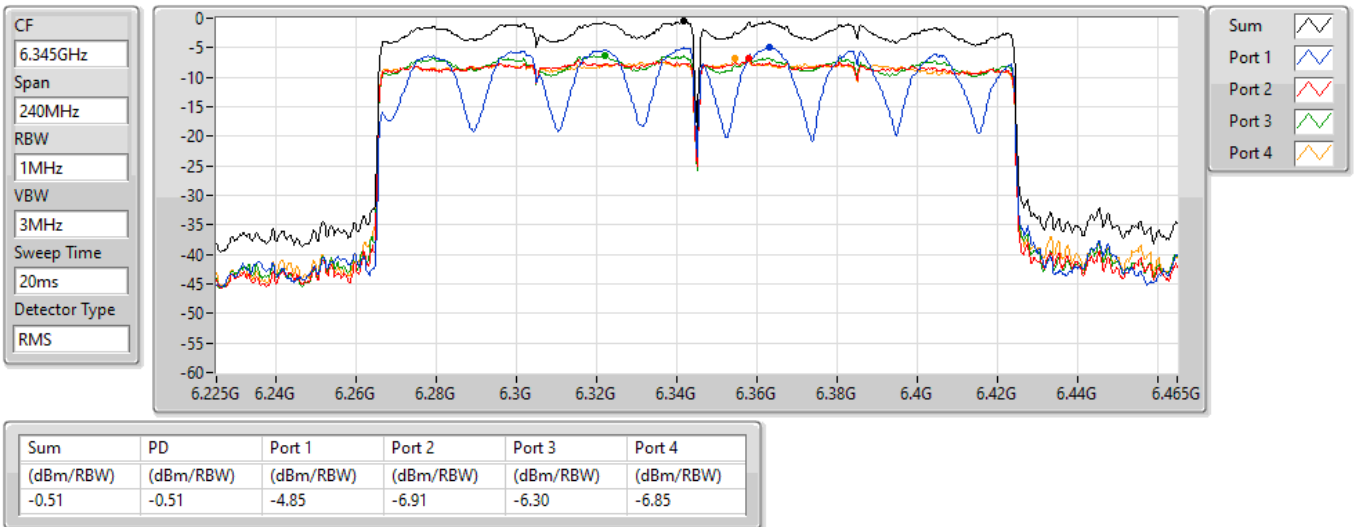


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

6345MHz

26/02/2022

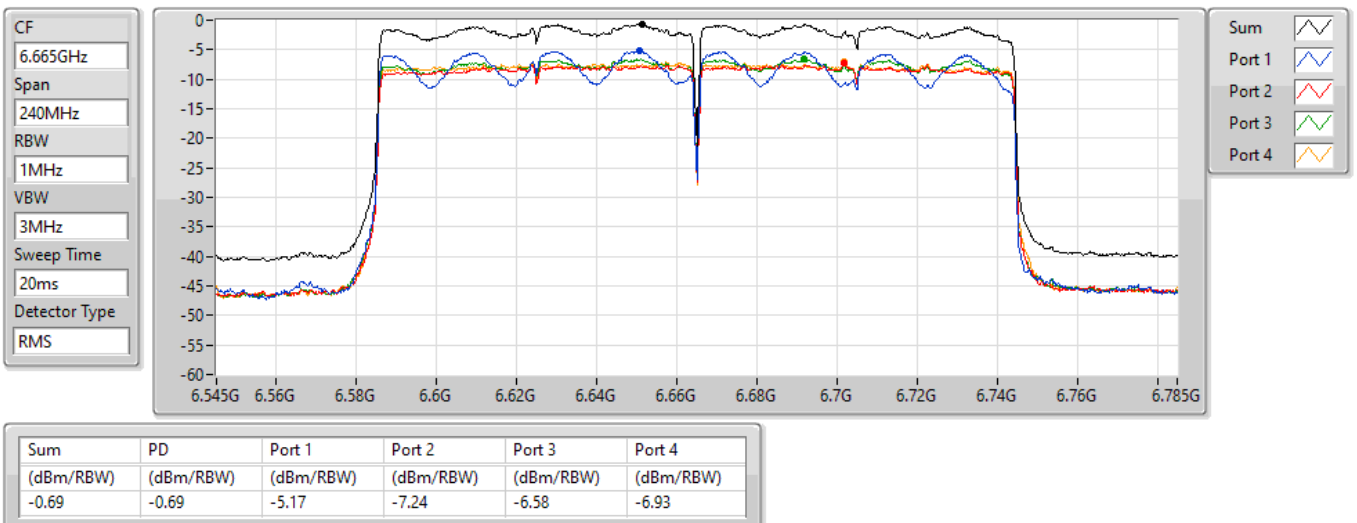


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

6665MHz

21/05/2022

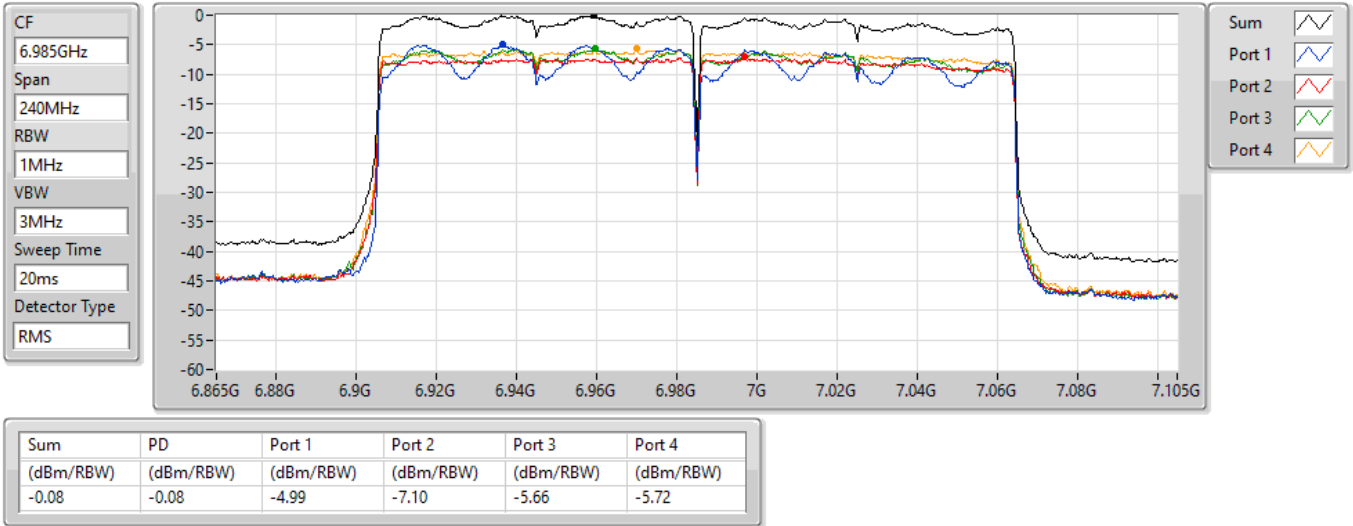


802.11ax HEW160_Nss1,(MCS0)_4TX

6985MHz

PSD

21/05/2022



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.58	4.88
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.64	4.82
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.60	4.86
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.58	4.88
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.24	4.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.19	4.90
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.22	4.87
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.42	4.94
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.41	4.95
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.40	4.96
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.56	4.80
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.15	4.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.12	4.85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.25	4.72
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.16	4.81

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5955MHz	Pass	5.46	-7.85	-6.76	-6.33	-6.16	-0.80	4.66	5.00
6175MHz	Pass	5.46	-6.00	-7.20	-6.51	-6.39	-0.58	4.88	5.00
6415MHz	Pass	5.46	-6.24	-7.30	-5.67	-6.69	-0.63	4.83	5.00
6435MHz	Pass	5.09	-6.59	-7.06	-5.13	-5.26	-0.31	4.78	5.00
6475MHz	Pass	5.09	-7.20	-7.34	-4.86	-5.54	-0.41	4.68	5.00
6515MHz	Pass	5.09	-6.36	-7.16	-5.29	-5.75	-0.24	4.85	5.00
6535MHz	Pass	5.36	-7.38	-7.59	-5.96	-5.81	-0.79	4.57	5.00
6695MHz	Pass	5.36	-5.05	-7.71	-6.62	-6.88	-0.47	4.89	5.00
6855MHz	Pass	5.36	-5.42	-8.23	-5.96	-6.15	-0.42	4.94	5.00
6895MHz	Pass	4.97	-5.41	-8.09	-5.77	-5.70	-0.15	4.82	5.00
6995MHz	Pass	4.97	-6.73	-7.32	-5.85	-5.27	-0.33	4.64	5.00
7095MHz	Pass	4.97	-6.87	-6.87	-5.92	-6.09	-0.46	4.51	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5965MHz	Pass	5.46	-6.05	-7.15	-6.88	-7.27	-0.79	4.67	5.00
6165MHz	Pass	5.46	-4.75	-8.03	-6.94	-7.03	-0.71	4.75	5.00
6405MHz	Pass	5.46	-5.90	-7.16	-6.21	-6.11	-0.64	4.82	5.00
6445MHz	Pass	5.09	-4.81	-6.57	-5.35	-5.79	-0.19	4.90	5.00
6485MHz	Pass	5.09	-5.83	-6.85	-5.45	-6.30	-0.34	4.75	5.00
6565MHz	Pass	5.36	-5.56	-7.71	-5.86	-6.20	-0.41	4.95	5.00
6685MHz	Pass	5.36	-6.16	-7.67	-5.94	-5.82	-0.43	4.93	5.00
6845MHz	Pass	5.36	-5.61	-9.14	-6.54	-6.55	-0.77	4.59	5.00
6925MHz	Pass	4.97	-5.21	-7.60	-5.84	-5.87	-0.12	4.85	5.00
7005MHz	Pass	4.97	-5.89	-6.92	-5.75	-5.55	-0.16	4.81	5.00
7085MHz	Pass	4.97	-6.27	-6.96	-5.45	-5.58	-0.30	4.67	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5985MHz	Pass	5.46	-4.73	-7.11	-6.18	-6.28	-0.60	4.86	5.00
6145MHz	Pass	5.46	-4.31	-6.94	-6.69	-7.93	-0.65	4.81	5.00
6385MHz	Pass	5.46	-4.46	-7.92	-6.76	-7.76	-0.61	4.85	5.00
6465MHz	Pass	5.09	-3.70	-8.09	-7.17	-6.65	-0.22	4.87	5.00
6625MHz	Pass	5.36	-4.67	-7.23	-6.79	-7.16	-0.71	4.65	5.00
6705MHz	Pass	5.36	-4.60	-7.20	-7.16	-6.29	-0.67	4.69	5.00
6785MHz	Pass	5.36	-5.02	-6.89	-6.66	-5.93	-0.40	4.96	5.00
6945MHz	Pass	4.97	-4.96	-7.37	-6.73	-6.58	-0.33	4.64	5.00
7025MHz	Pass	4.97	-4.59	-7.06	-6.92	-6.07	-0.25	4.72	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
6025MHz	Pass	5.46	-5.22	-6.82	-6.18	-6.42	-0.75	4.71	5.00
6185MHz	Pass	5.46	-5.45	-7.88	-7.27	-7.60	-0.96	4.50	5.00
6345MHz	Pass	5.46	-4.49	-7.57	-7.75	-7.41	-0.58	4.88	5.00
6665MHz	Pass	5.36	-4.76	-6.88	-6.83	-6.76	-0.56	4.80	5.00
6985MHz	Pass	4.97	-4.27	-6.87	-6.84	-6.85	-0.16	4.81	5.00

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

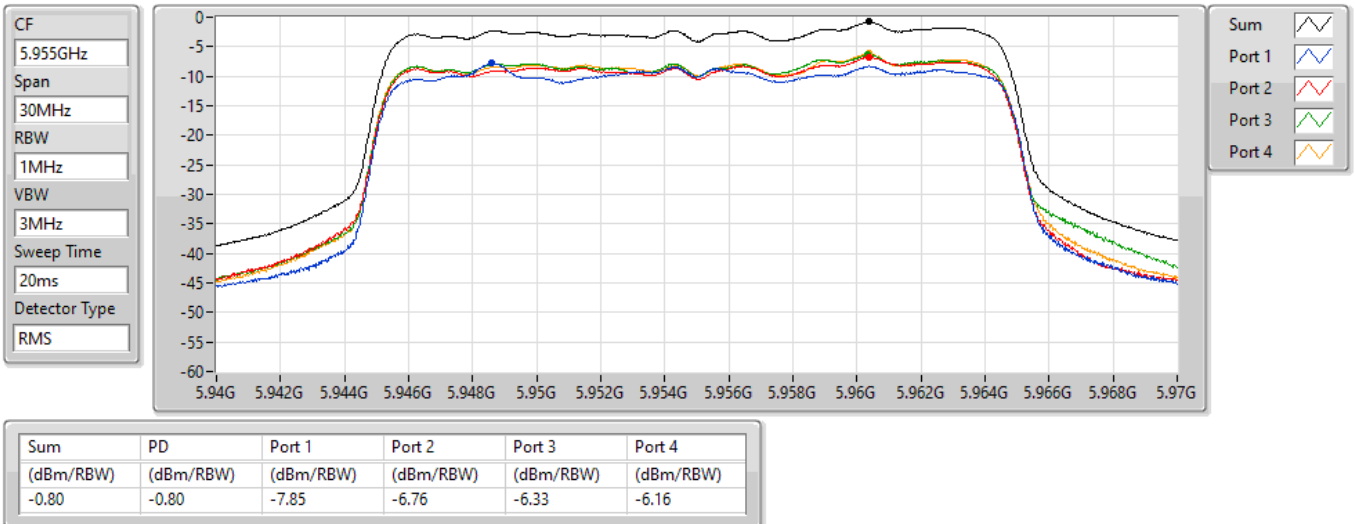
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5955MHz

21/05/2022

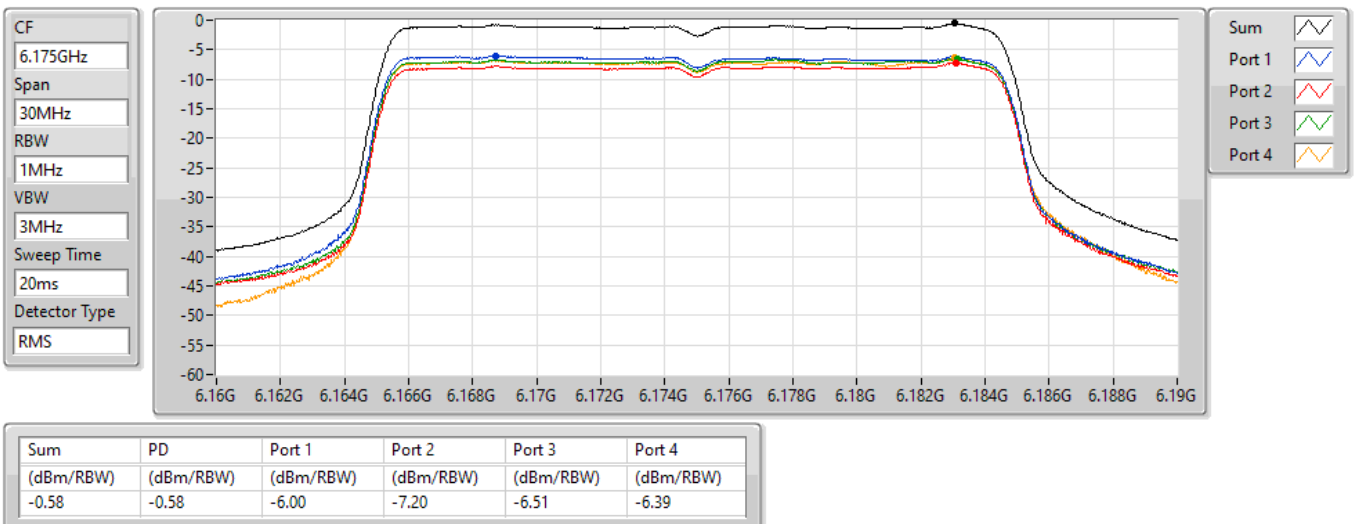


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6175MHz

28/02/2022

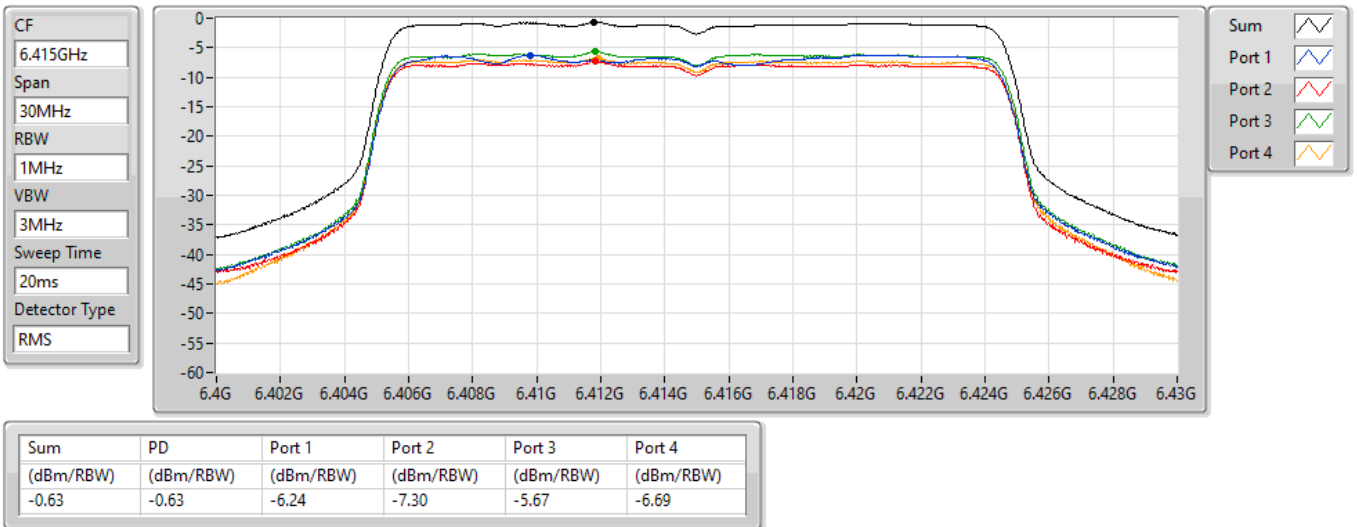


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6415MHz

28/02/2022

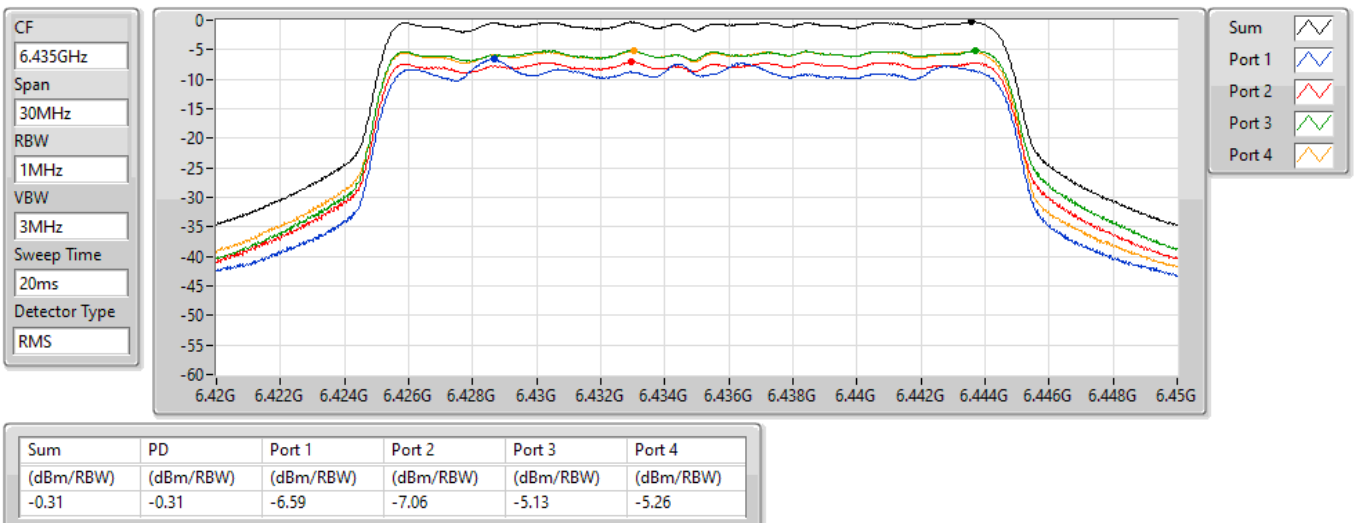


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6435MHz

21/05/2022

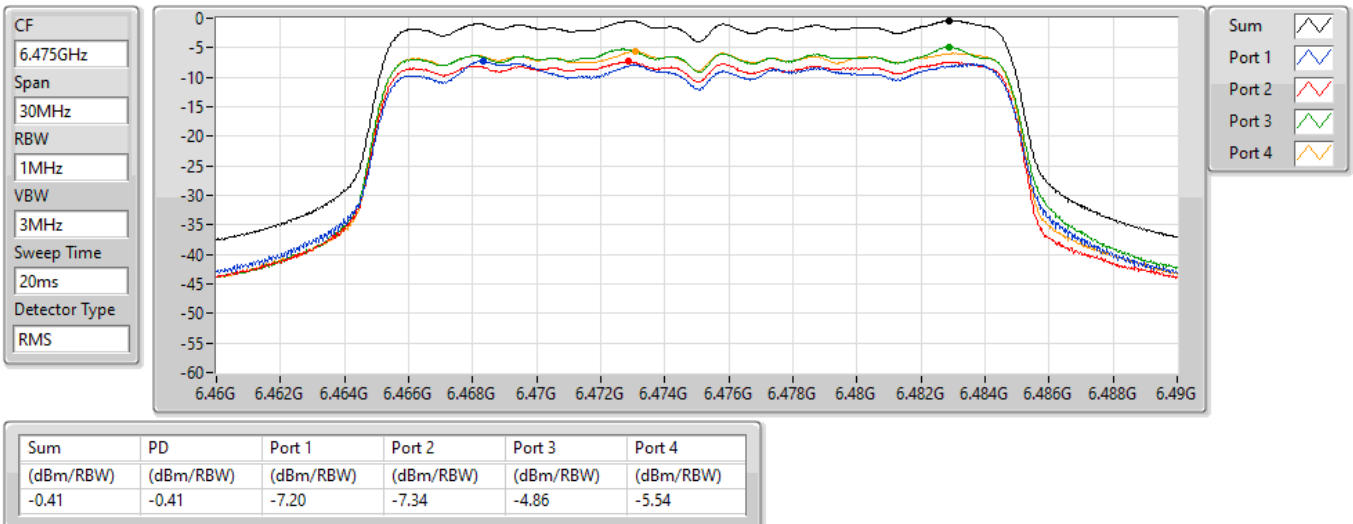


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6475MHz

21/05/2022

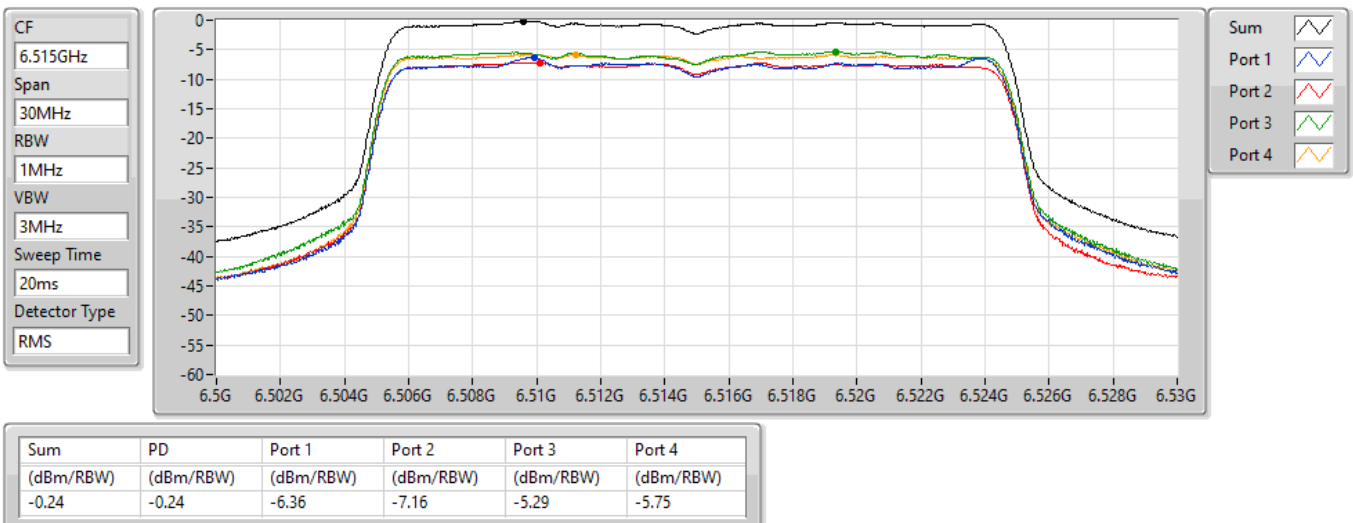


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6515MHz

21/05/2022

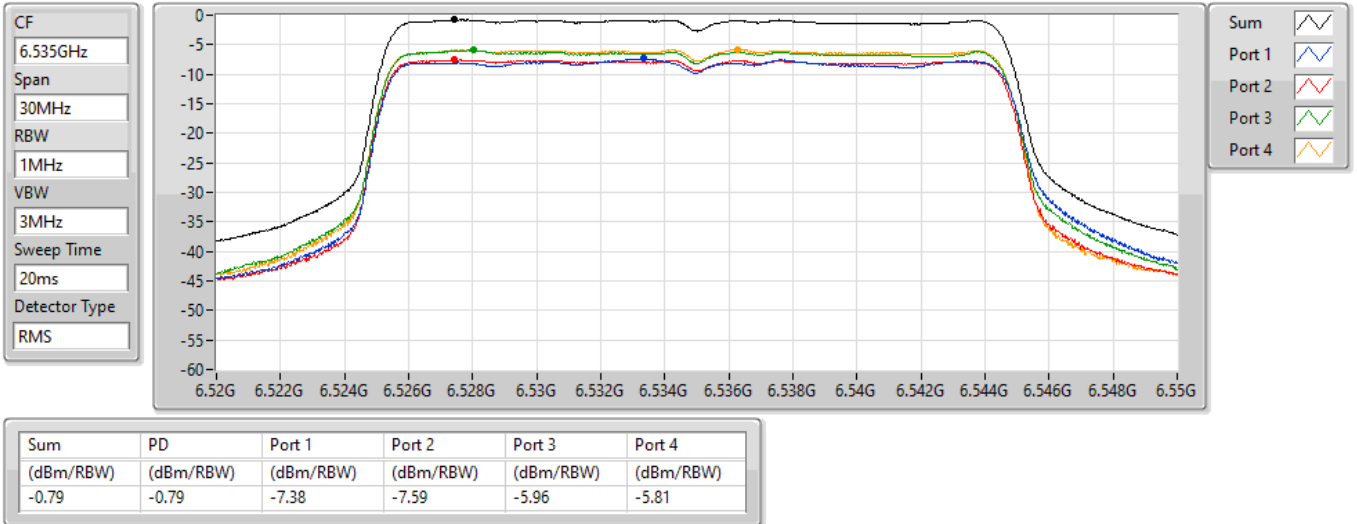


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6535MHz

21/05/2022

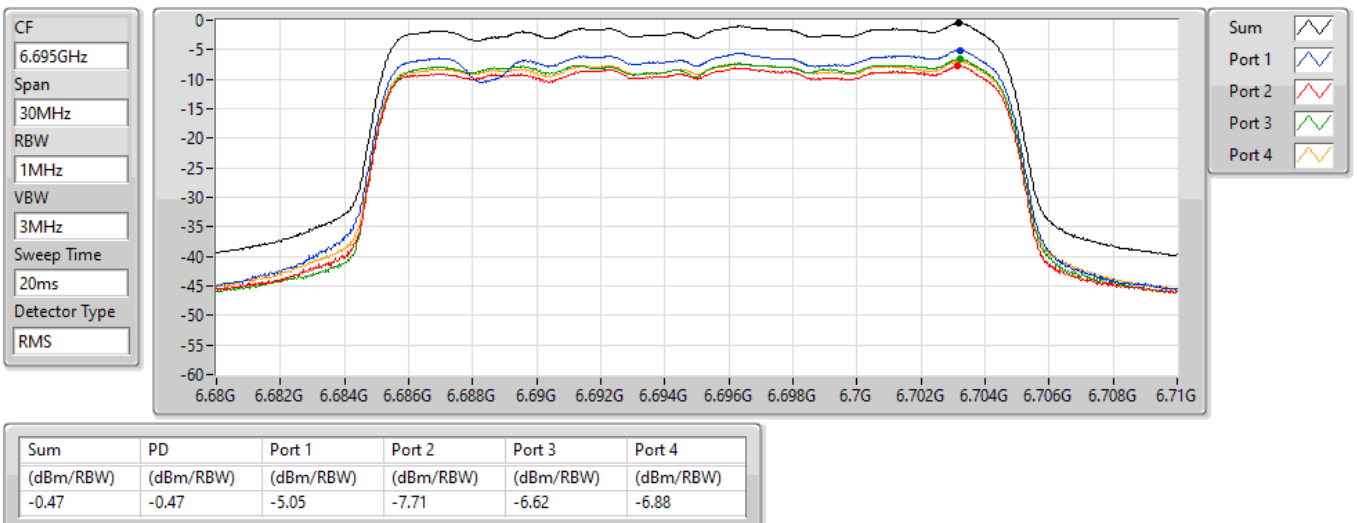


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6695MHz

21/05/2022

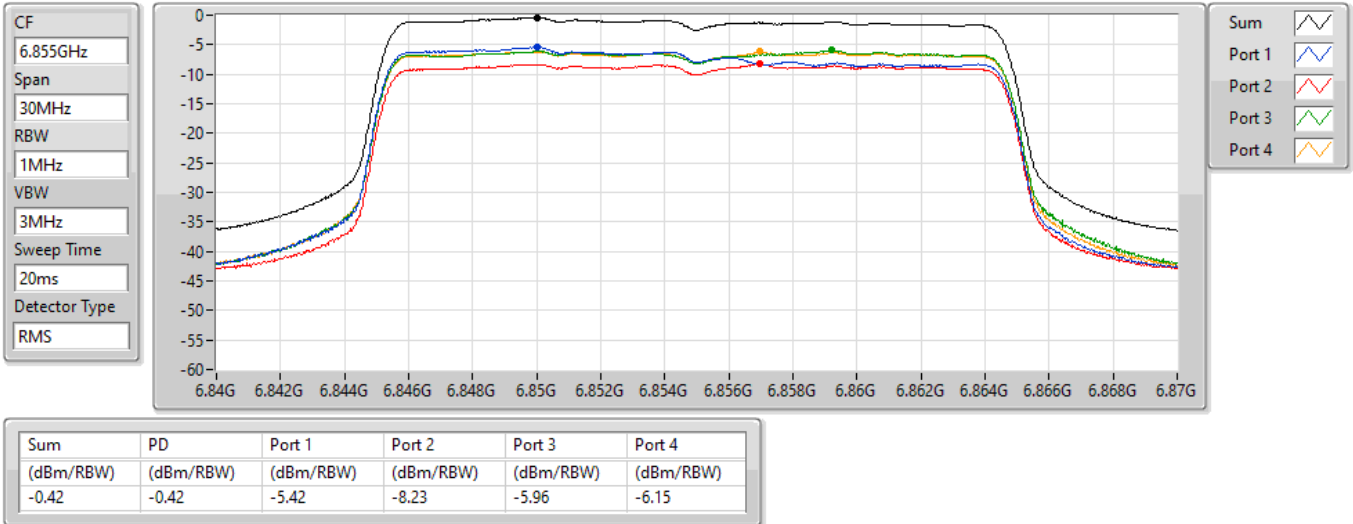


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6855MHz

21/05/2022

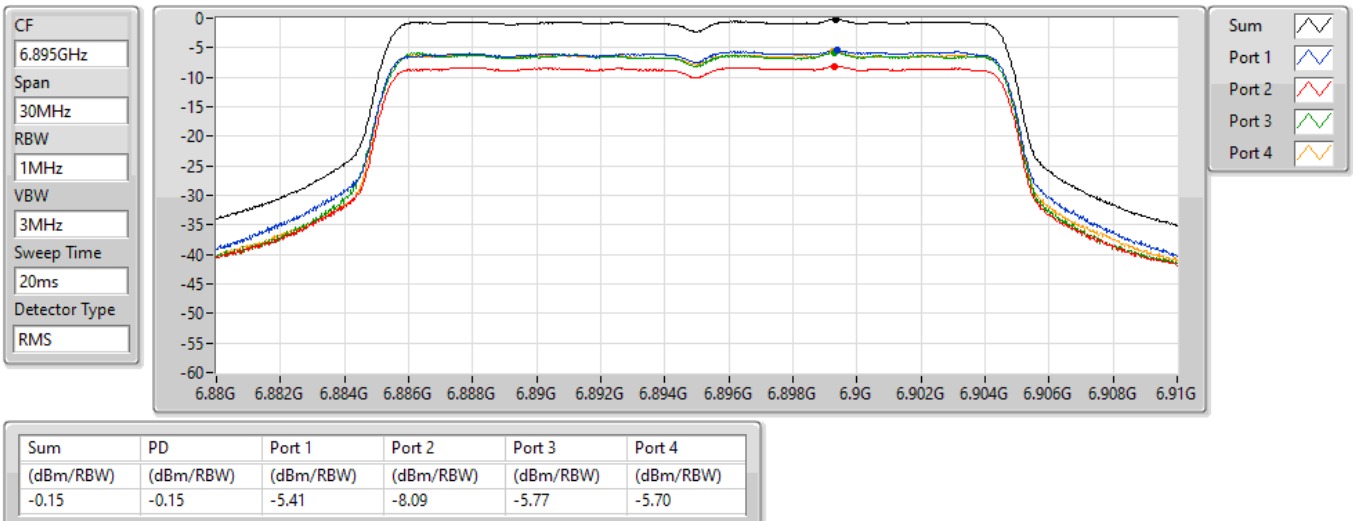


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6895MHz

21/05/2022

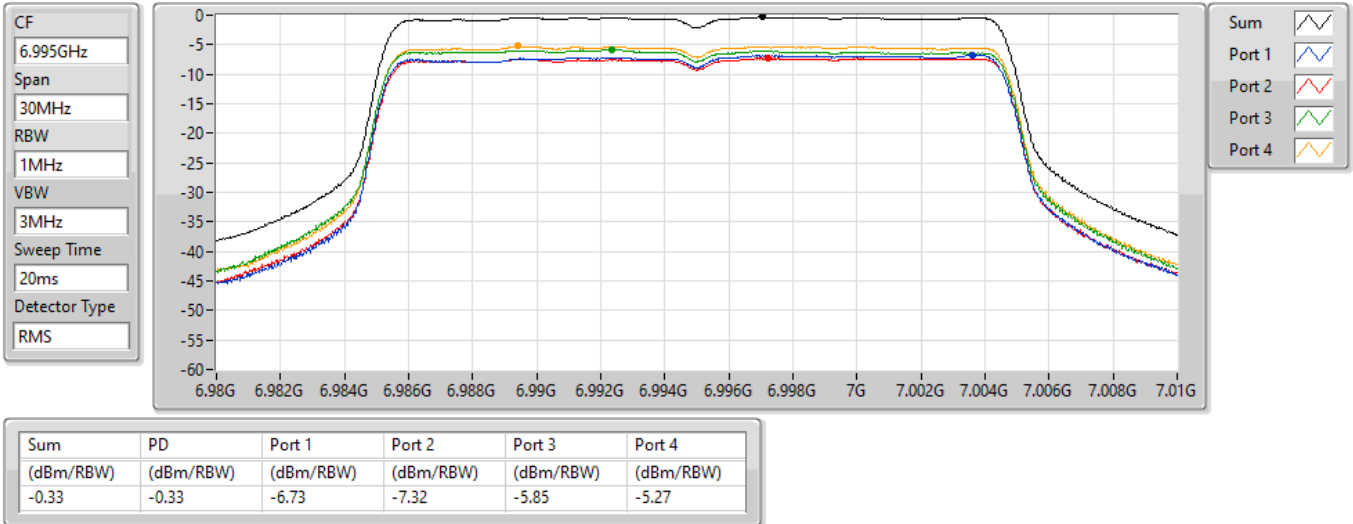


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

6995MHz

21/05/2022

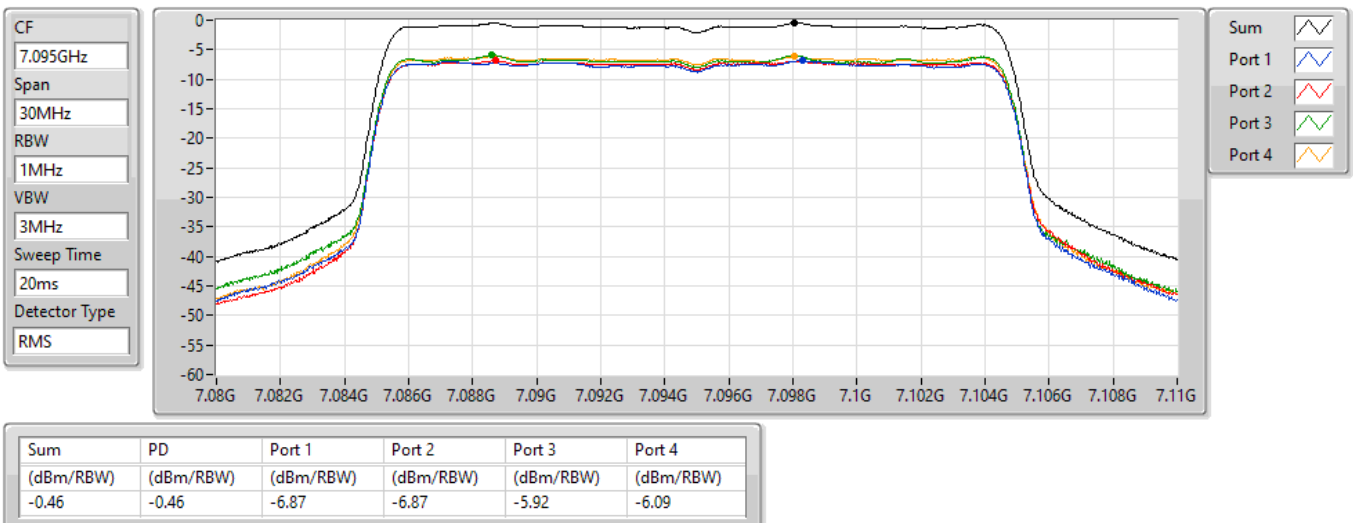


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

7095MHz

21/05/2022

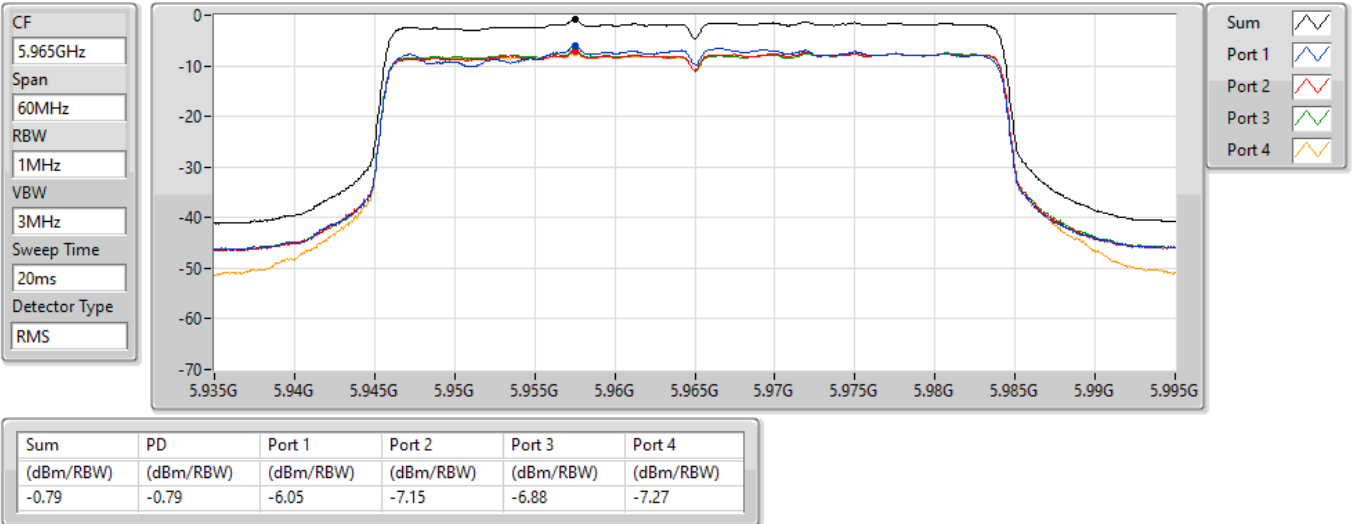


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5965MHz

28/02/2022

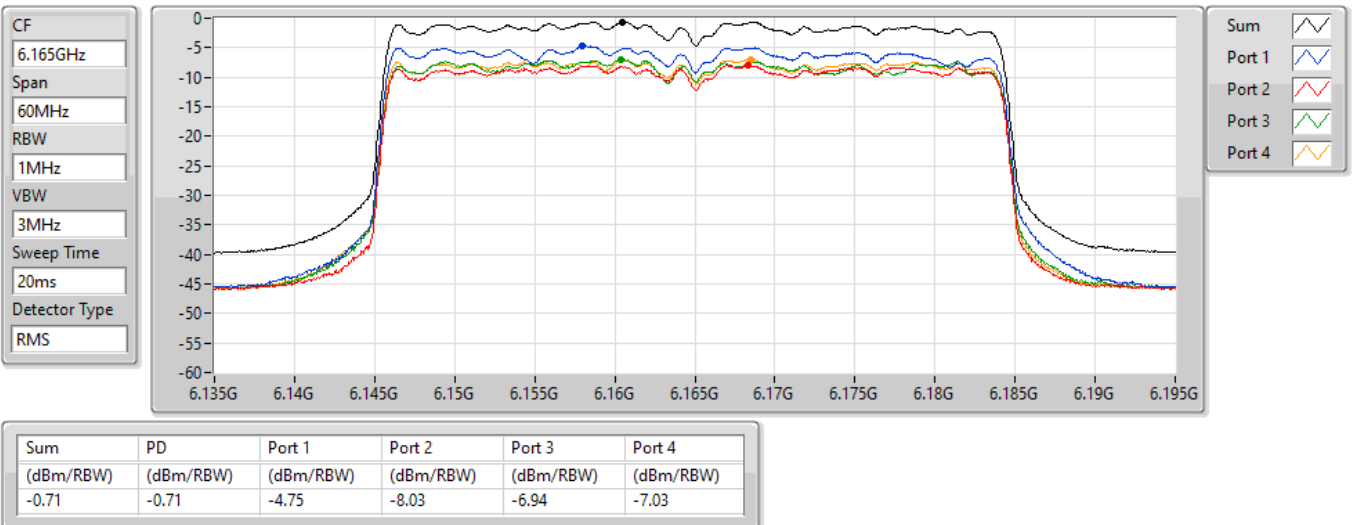


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6165MHz

21/05/2022

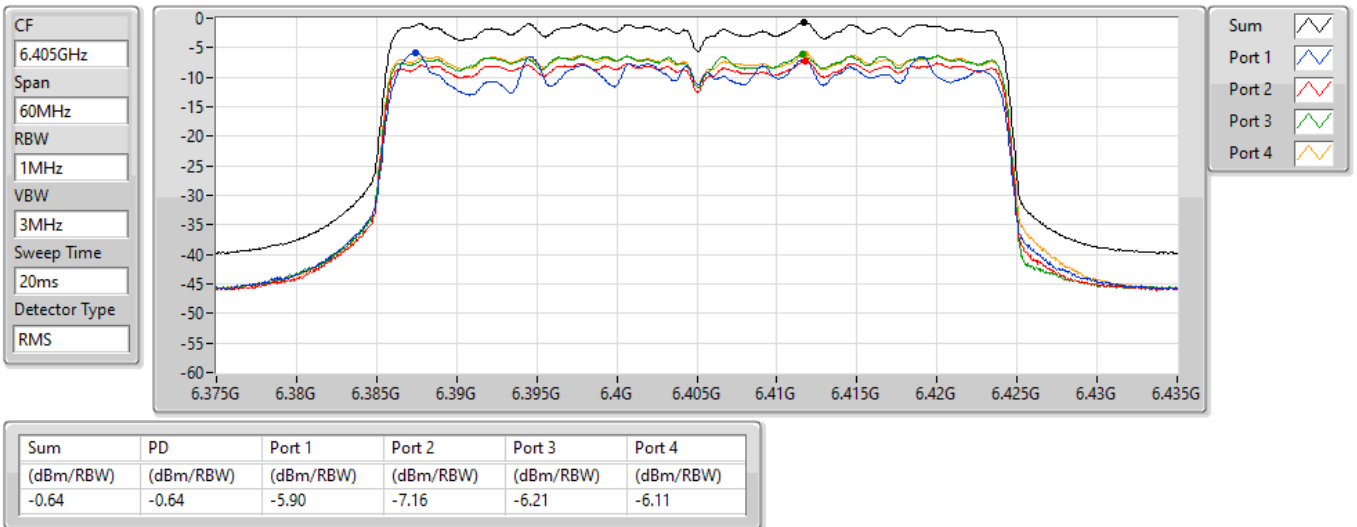


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6405MHz

21/05/2022

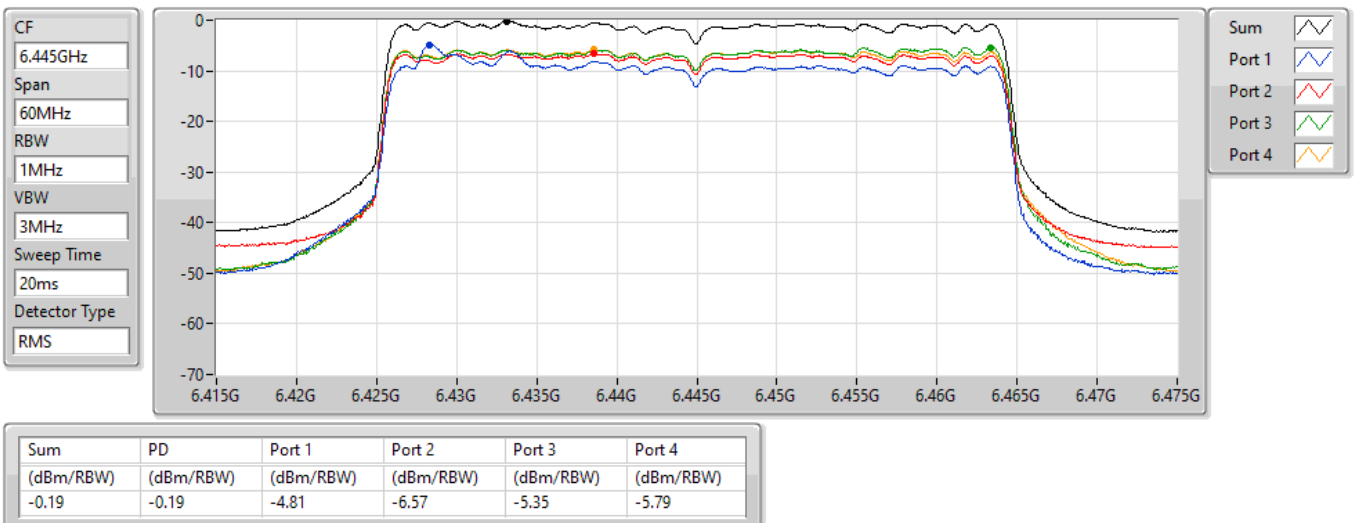


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6445MHz

21/05/2022

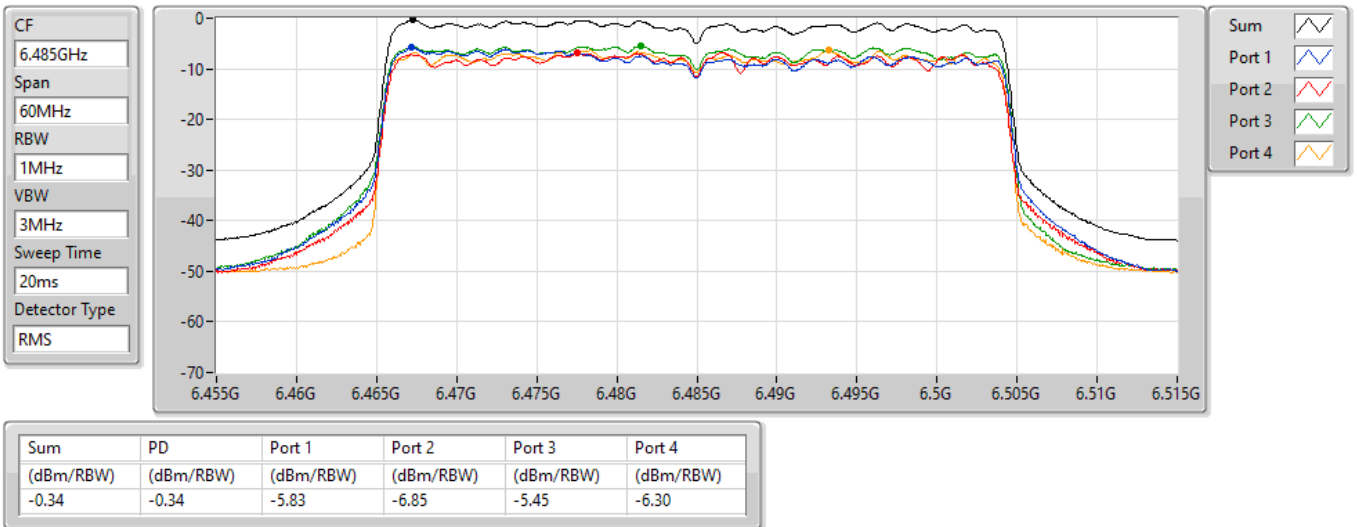


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6485MHz

21/05/2022

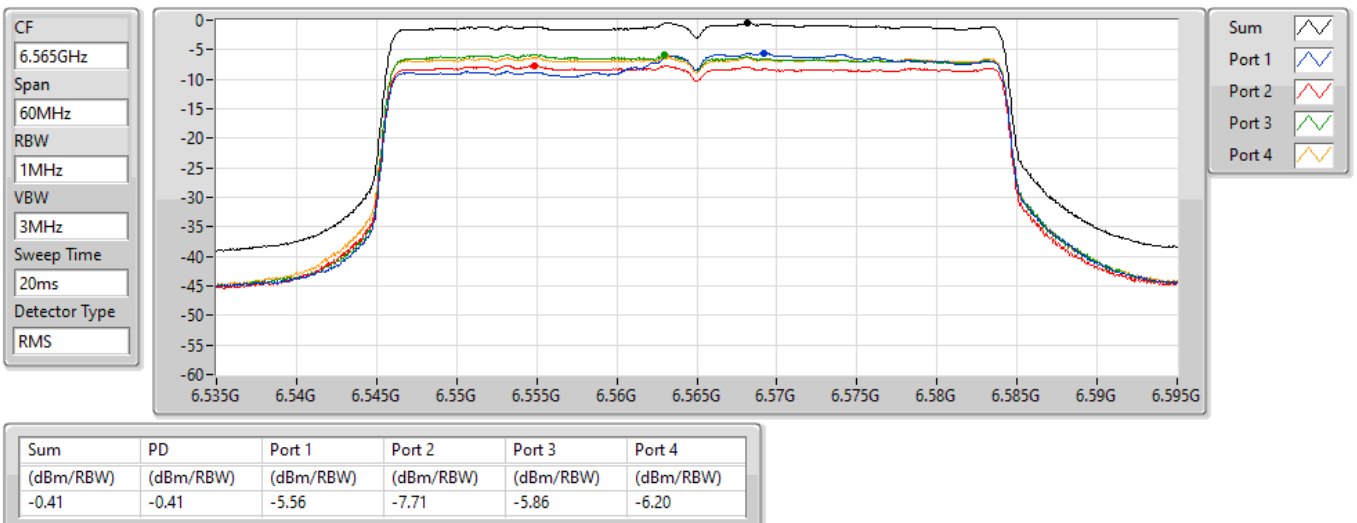


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6565MHz

21/05/2022

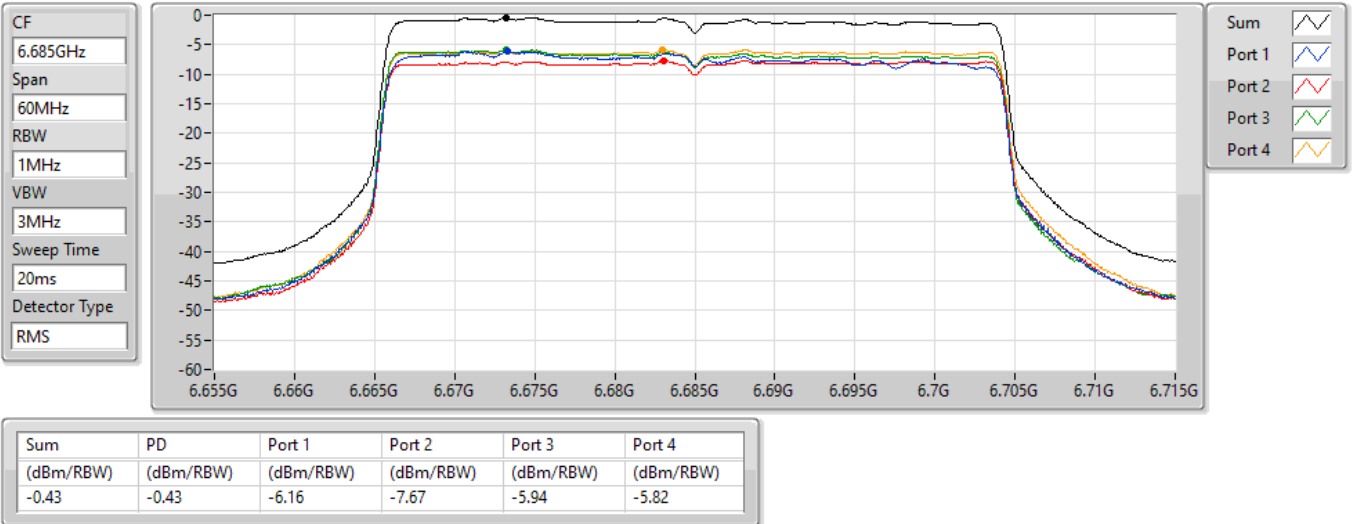


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6685MHz

21/05/2022

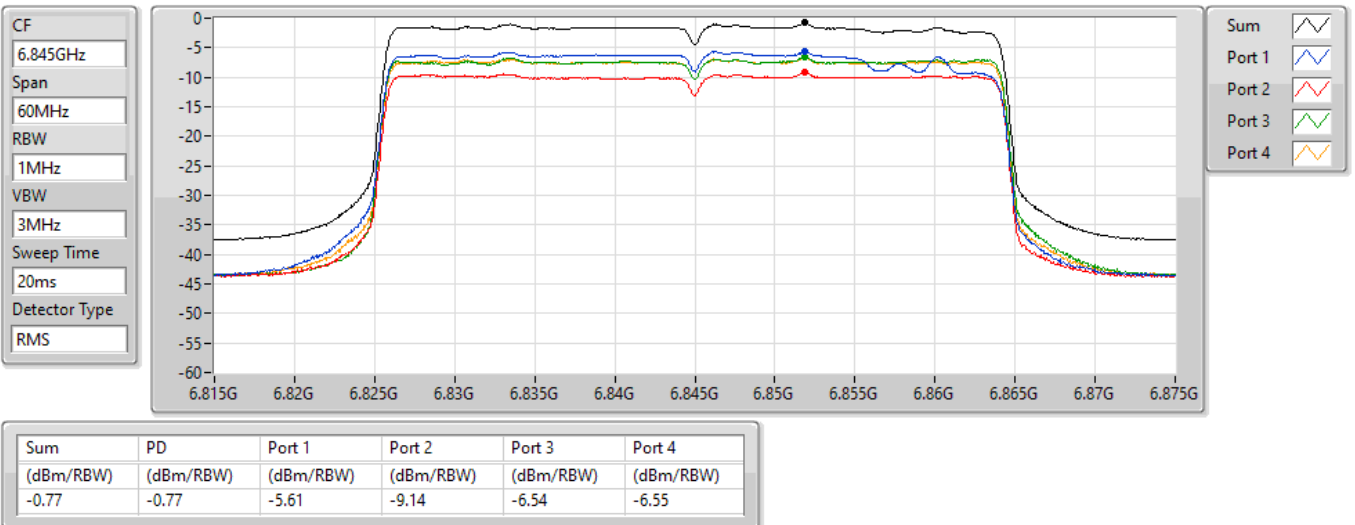


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6845MHz

21/05/2022

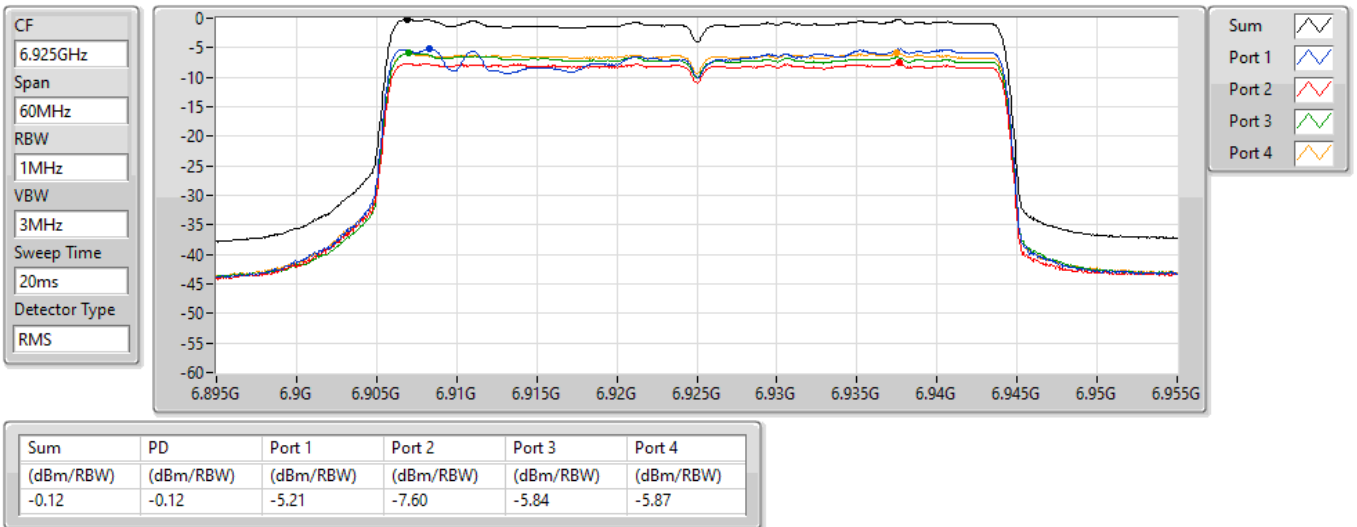


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

6925MHz

21/05/2022

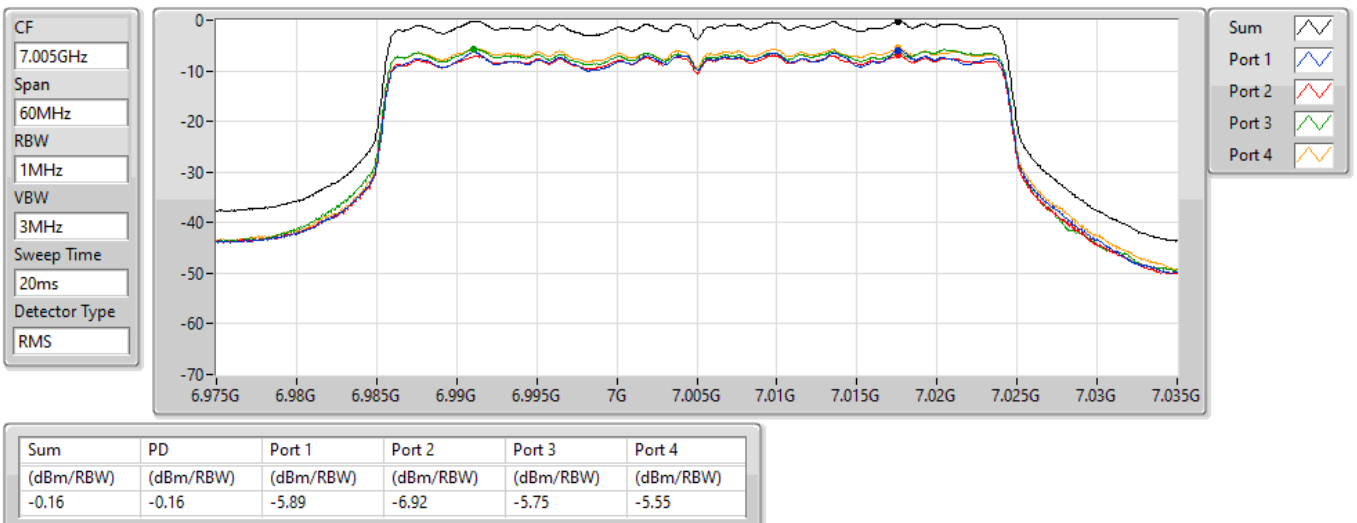


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

7005MHz

21/05/2022

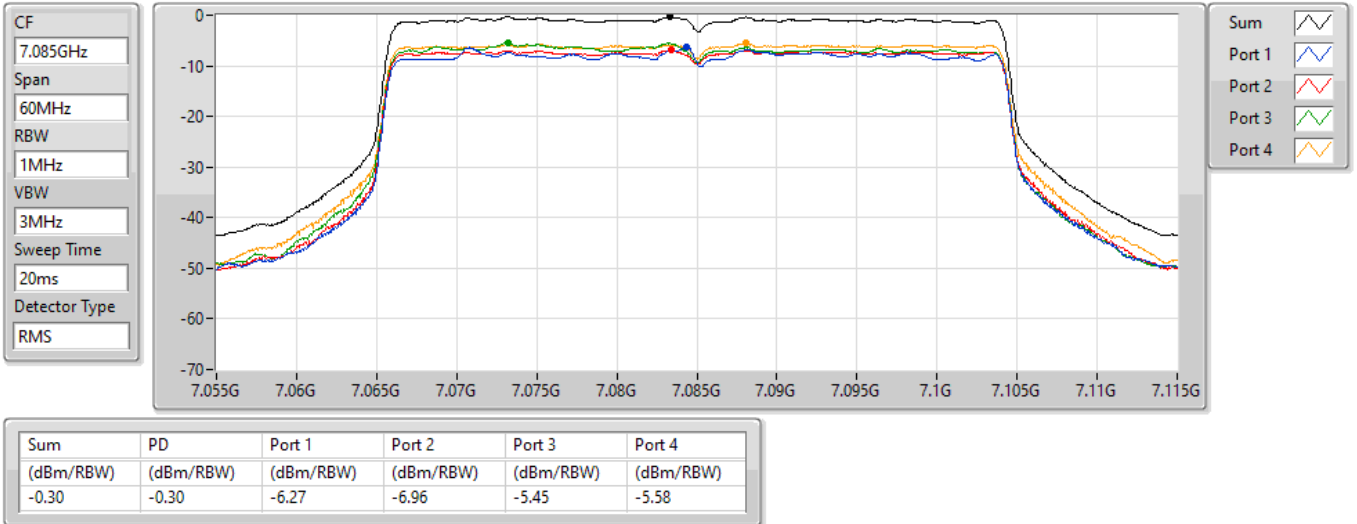


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

7085MHz

21/05/2022

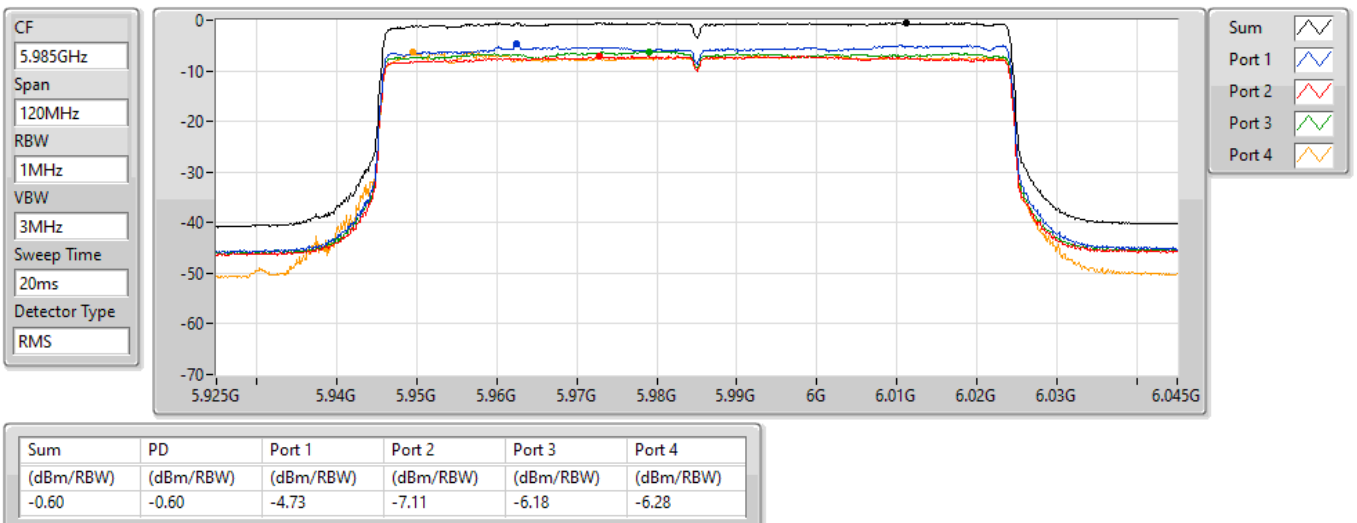


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5985MHz

28/02/2022

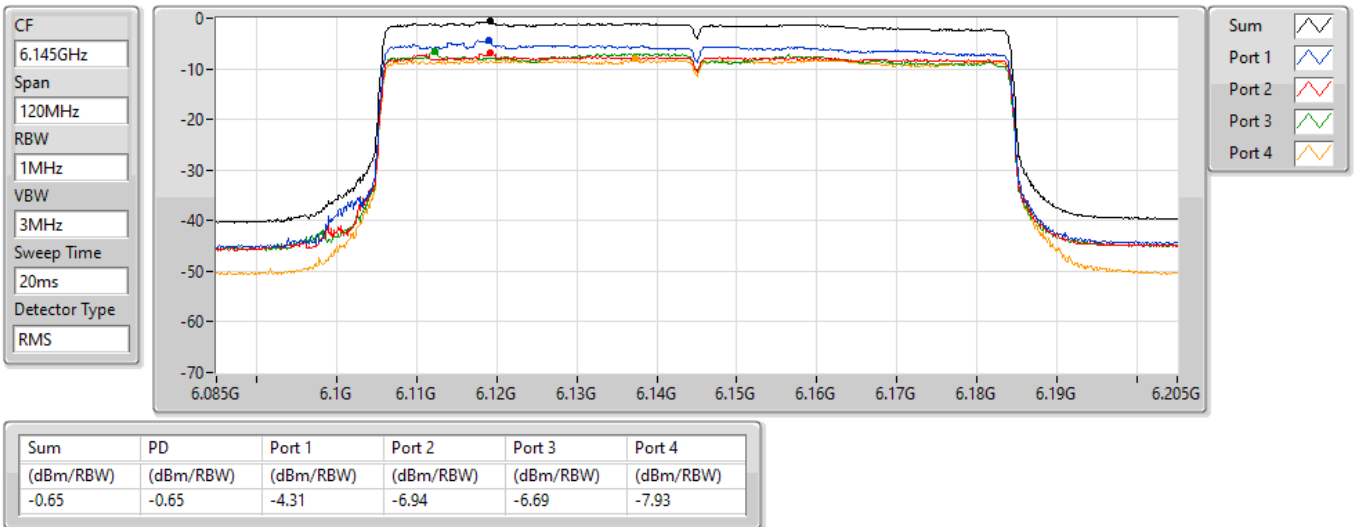


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6145MHz

28/02/2022

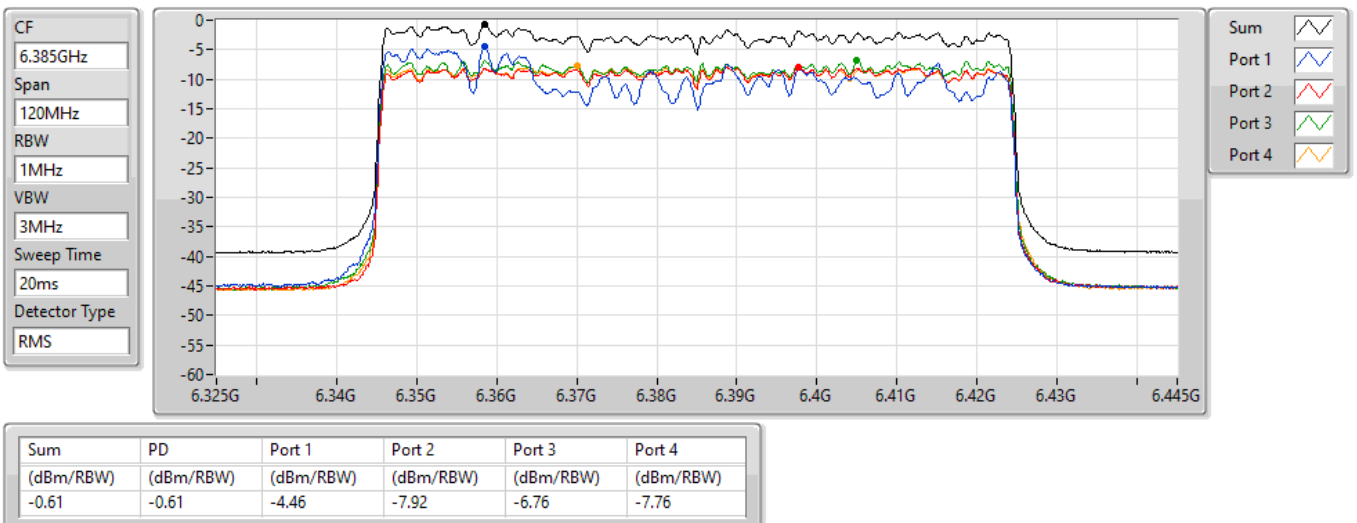


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6385MHz

21/05/2022

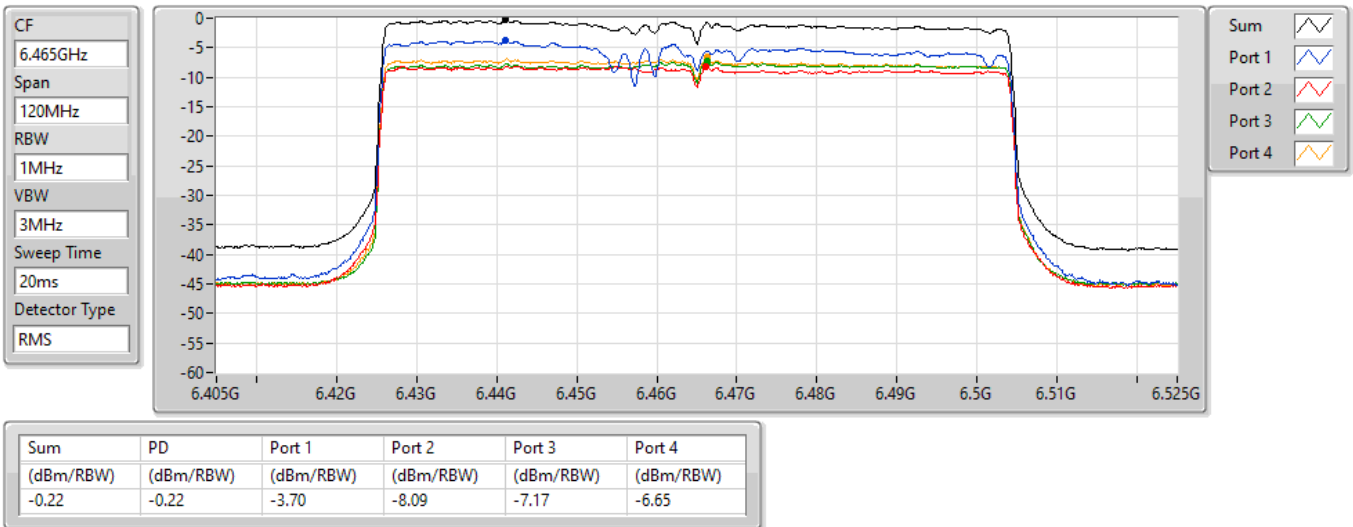


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6465MHz

21/05/2022

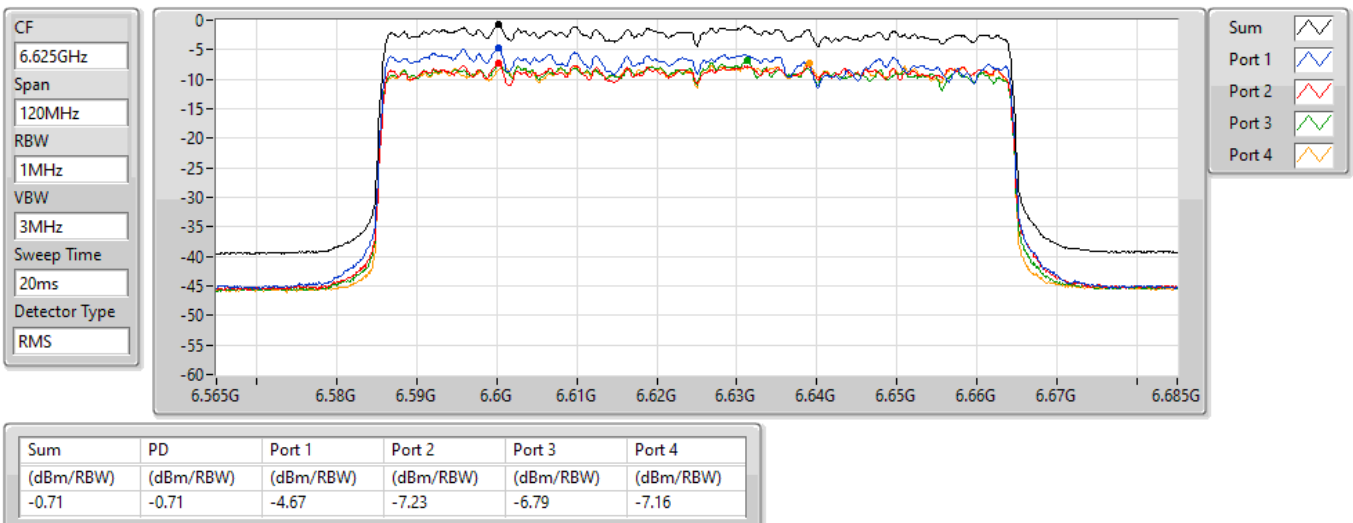


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6625MHz

21/05/2022

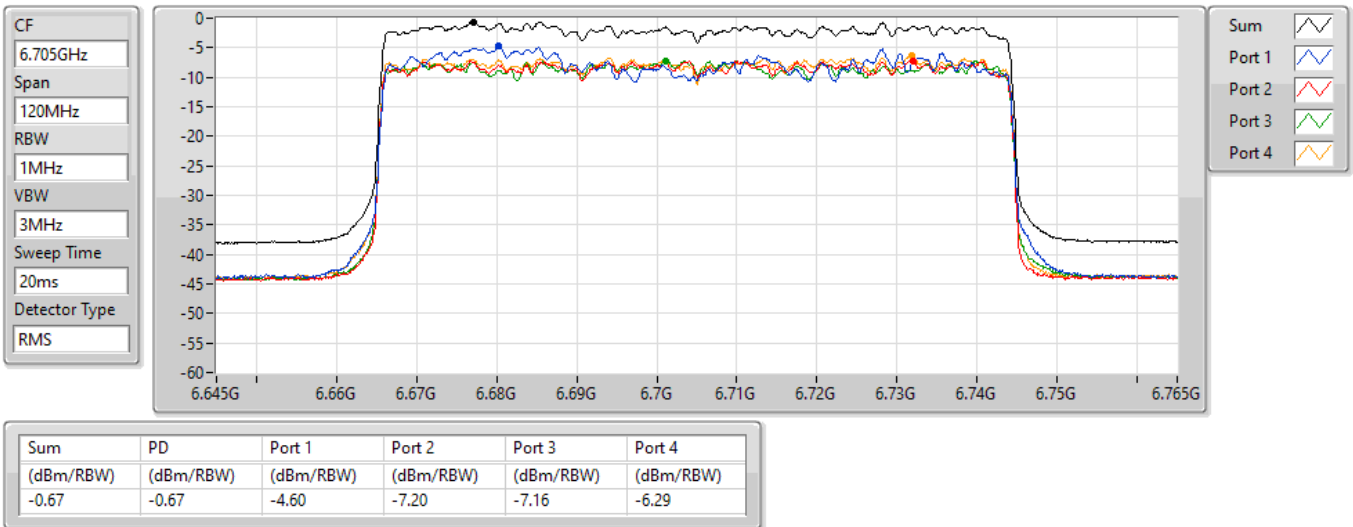


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6705MHz

21/05/2022

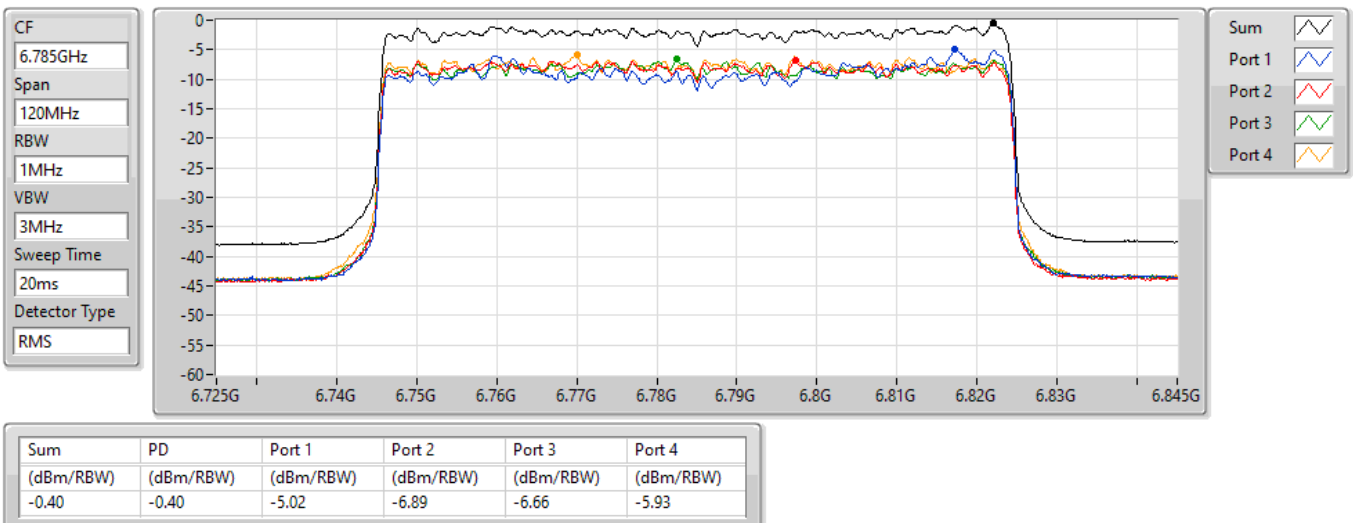


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6785MHz

21/05/2022

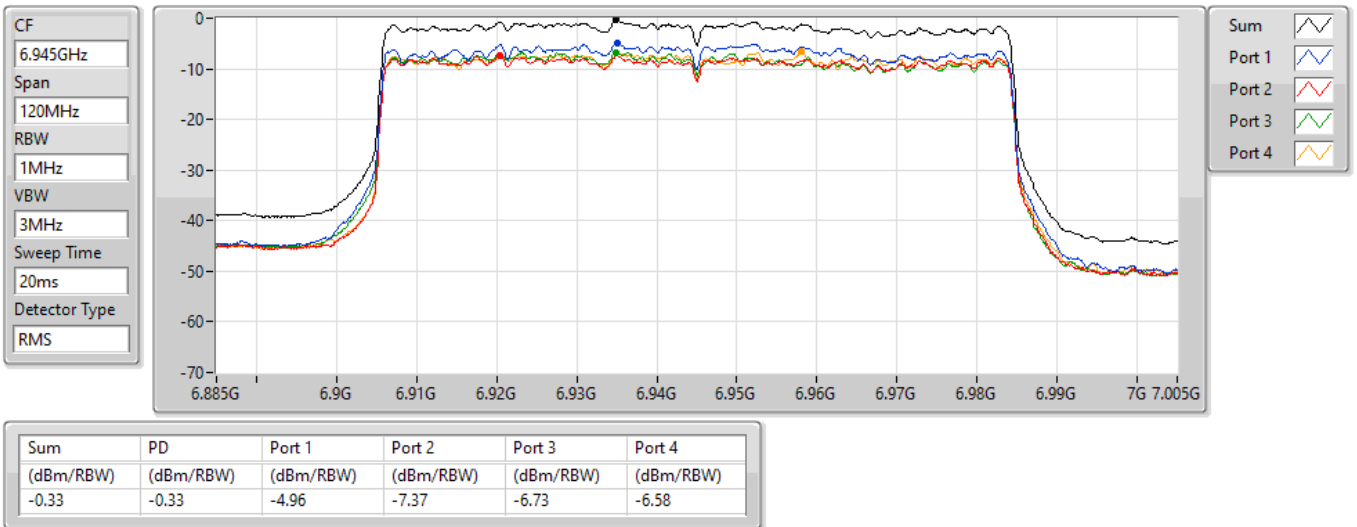


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

6945MHz

21/05/2022

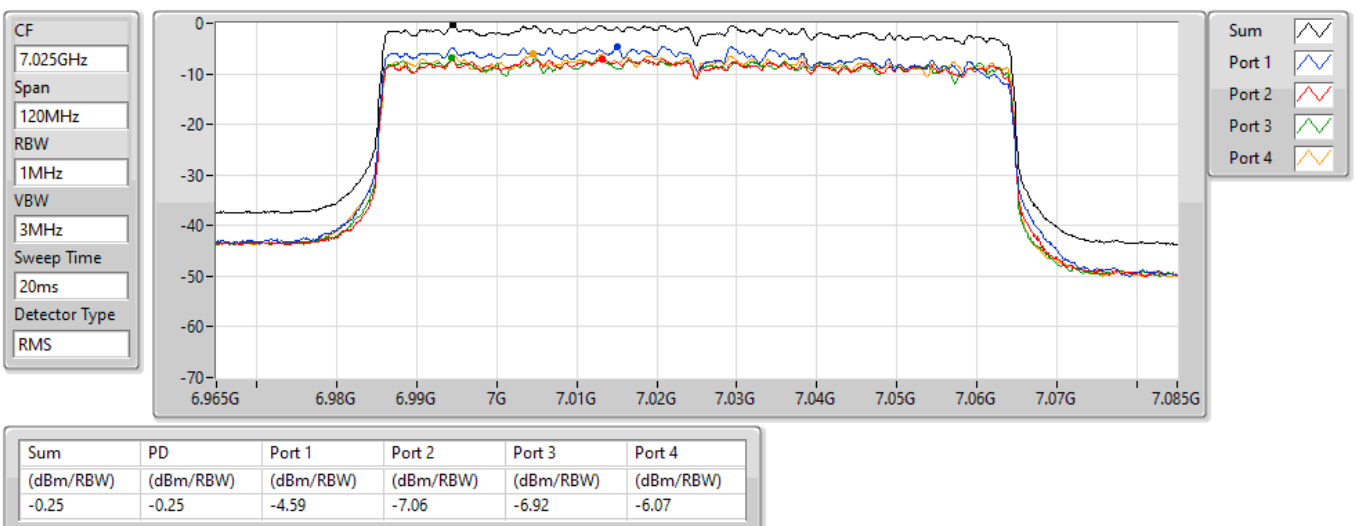


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

7025MHz

21/05/2022

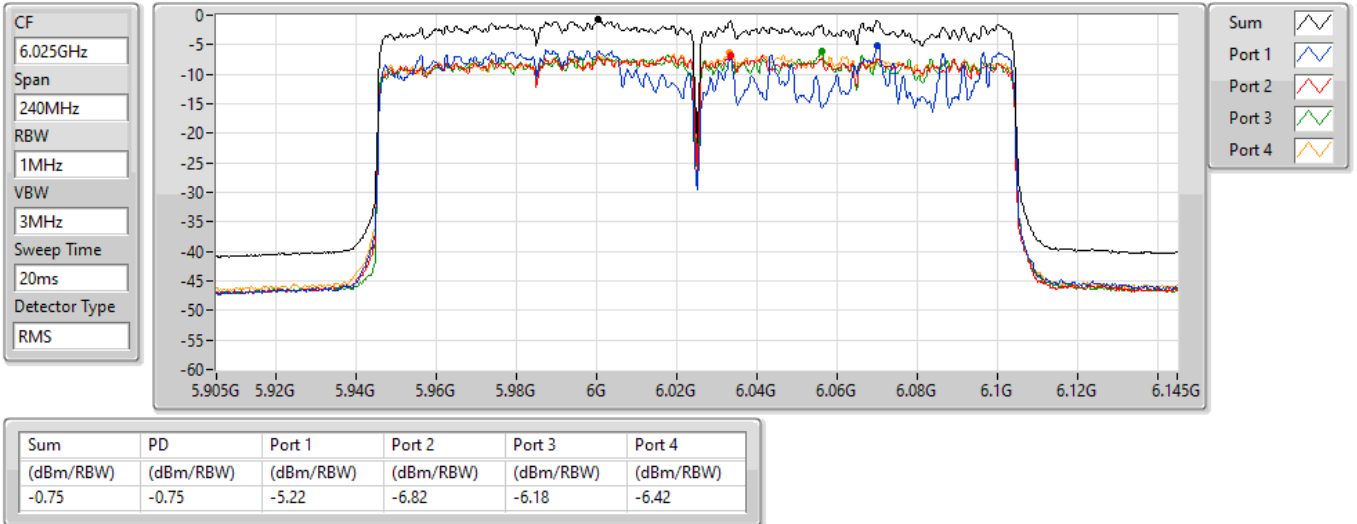


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

6025MHz

21/05/2022

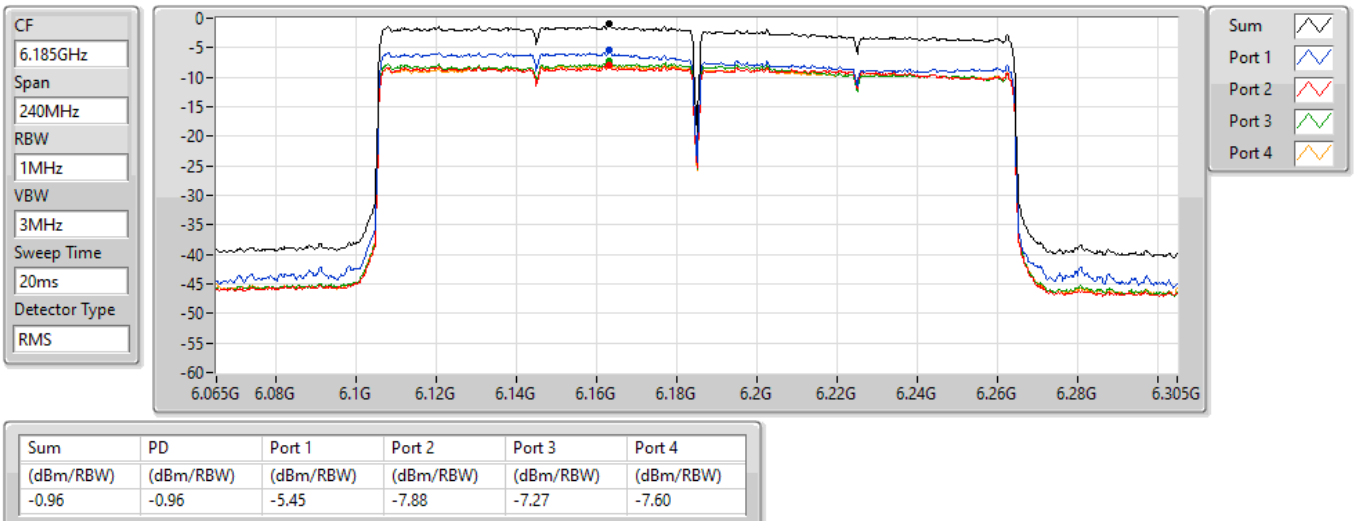


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

6185MHz

21/05/2022

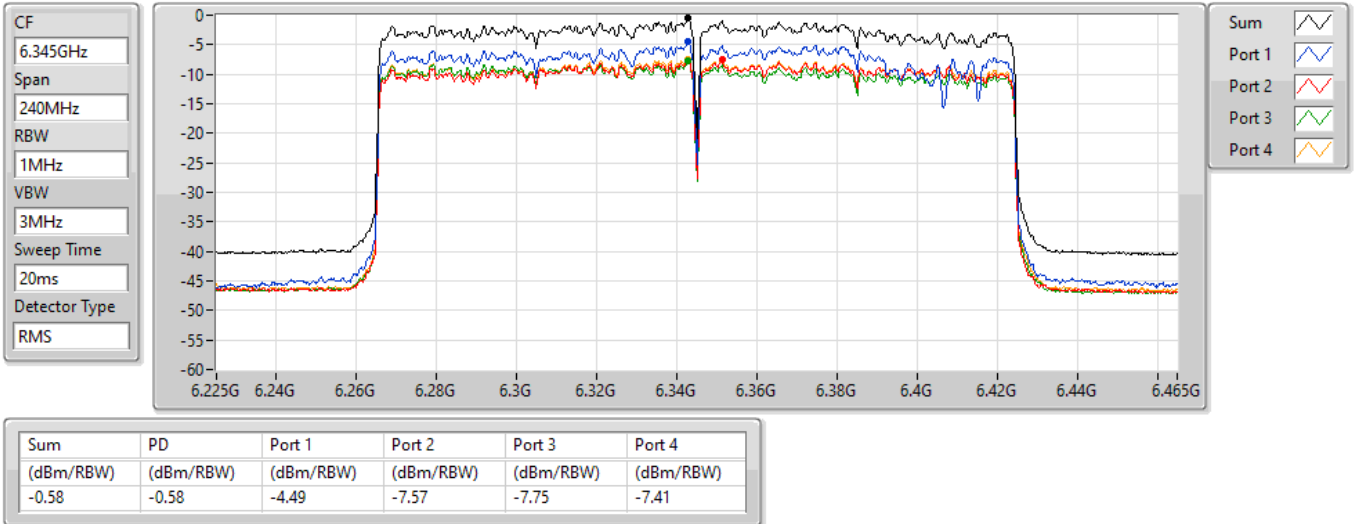


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

6345MHz

21/05/2022

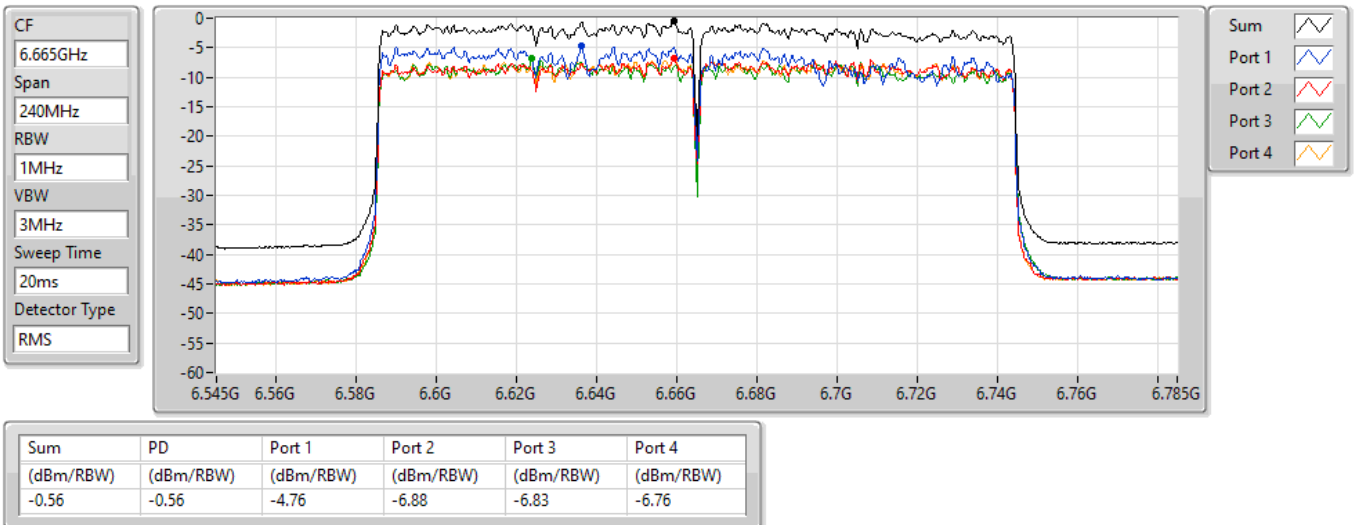


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

6665MHz

21/05/2022

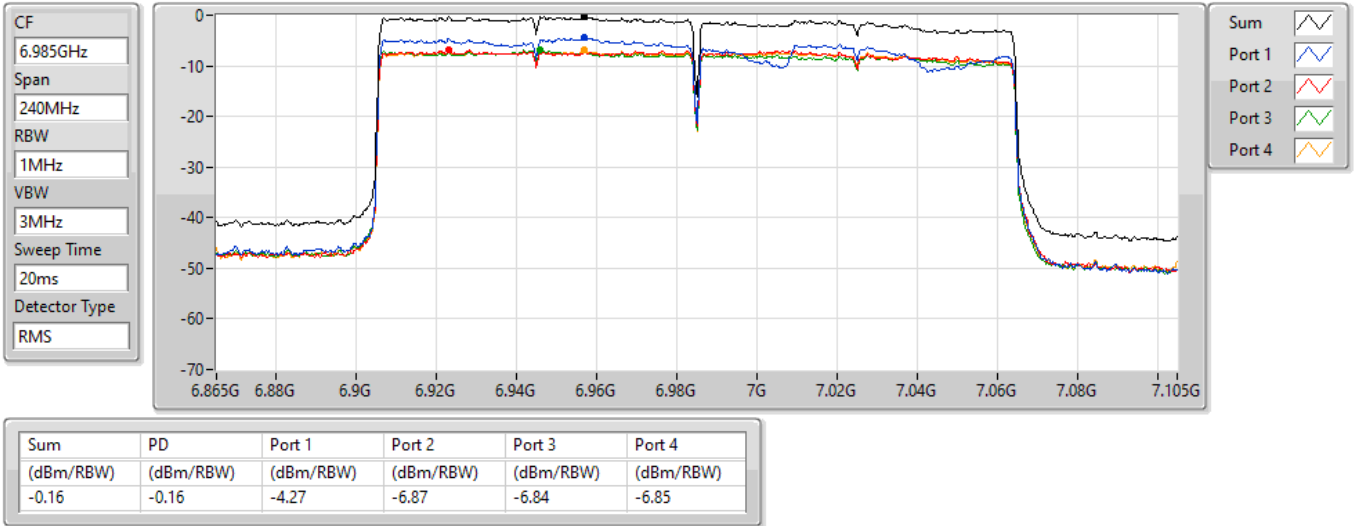


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

6985MHz

21/05/2022





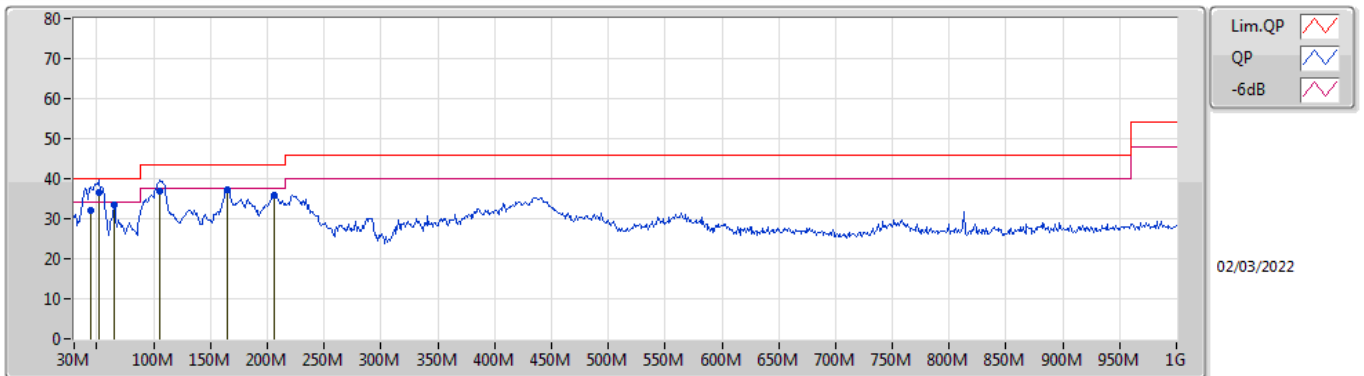
Radiated Emissions below 1GHz

Appendix E.1

Summary

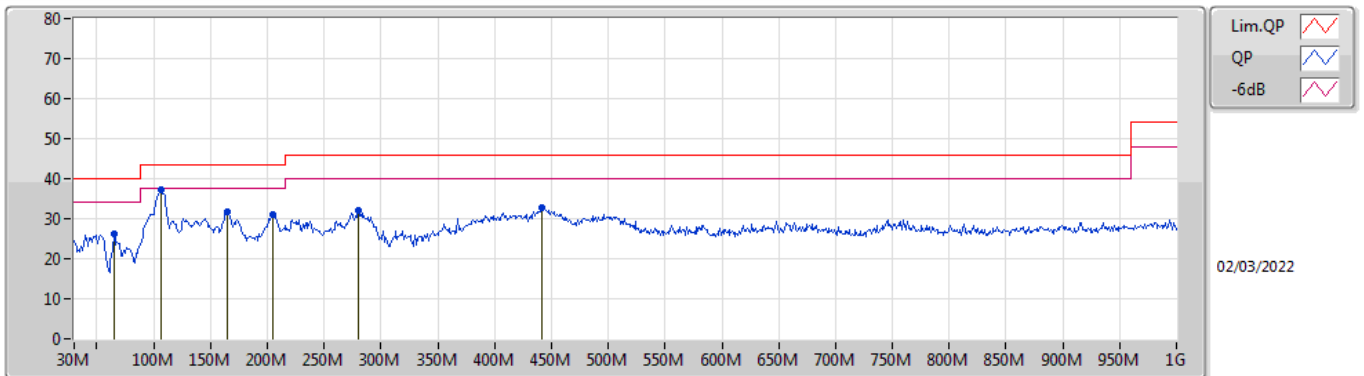
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	51.34M	36.41	40.00	-3.59	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	44.55M	32.24	40.00	-7.76	-15.49	3	Vertical	0	1.25	-	47.73	15.70	0.60	31.79
QP	51.34M	36.41	40.00	-3.59	-18.34	3	Vertical	359	1.00	"Worst"	54.75	12.87	0.63	31.84
PK	64.92M	33.44	40.00	-6.56	-19.78	3	Vertical	359	2.00	-	53.22	11.41	0.70	31.89
QP	105.66M	36.83	43.50	-6.67	-14.62	3	Vertical	36	1.00	-	51.45	16.45	0.83	31.90
PK	164.83M	37.34	43.50	-6.16	-16.06	3	Vertical	147	1.00	-	53.40	14.82	1.02	31.90
PK	206.54M	35.99	43.50	-7.51	-16.21	3	Vertical	360	1.25	-	52.20	14.48	1.21	31.90

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	64.92M	26.37	40.00	-13.63	-19.78	3	Horizontal	79	2.00	-	46.15	11.41	0.70	31.89
PK	106.63M	37.13	43.50	-6.37	-14.54	3	Horizontal	93	2.00	"Worst"	51.67	16.53	0.83	31.90
PK	164.83M	31.64	43.50	-11.86	-16.06	3	Horizontal	260	1.50	-	47.70	14.82	1.02	31.90
PK	204.6M	30.92	43.50	-12.58	-16.17	3	Horizontal	242	1.25	-	47.09	14.51	1.21	31.89
PK	280.26M	32.20	46.00	-13.80	-12.60	3	Horizontal	147	1.00	-	44.80	18.00	1.36	31.96
PK	441.28M	32.93	46.00	-13.07	-8.72	3	Horizontal	306	1.00	-	41.65	21.71	1.68	32.11

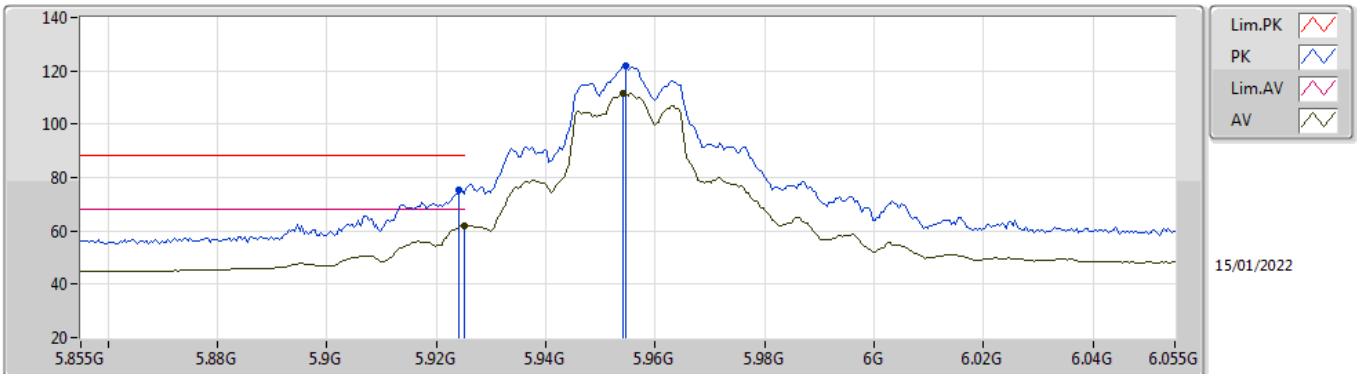


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.875-7.125GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	7.25G	53.24	54.00	-0.76	3	Horizontal	36	1.84	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

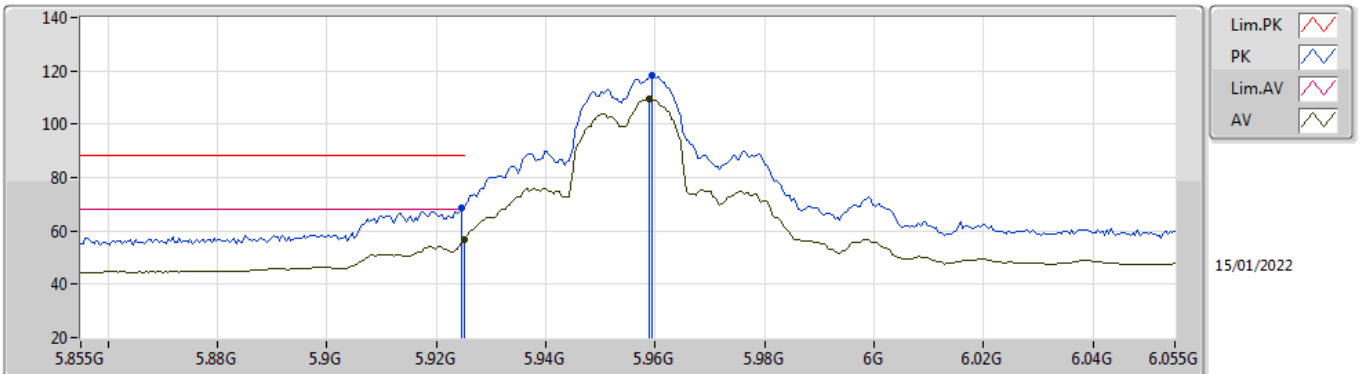


EUT Y_4TX
Setting 25
06-D-S-8-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9242G	75.41	88.20	-12.79	69.58	3	Vertical	20	2.74	-	32.15	6.06	32.38	
RMS	5.925G	61.99	68.20	-6.21	56.16	3	Vertical	20	2.74	-	32.15	6.06	32.38	
PK	5.9546G	122.01	Inf	-Inf	116.13	3	Vertical	20	2.74	-	32.20	6.08	32.40	
RMS	5.9542G	111.78	Inf	-Inf	105.90	3	Vertical	20	2.74	-	32.20	6.08	32.40	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

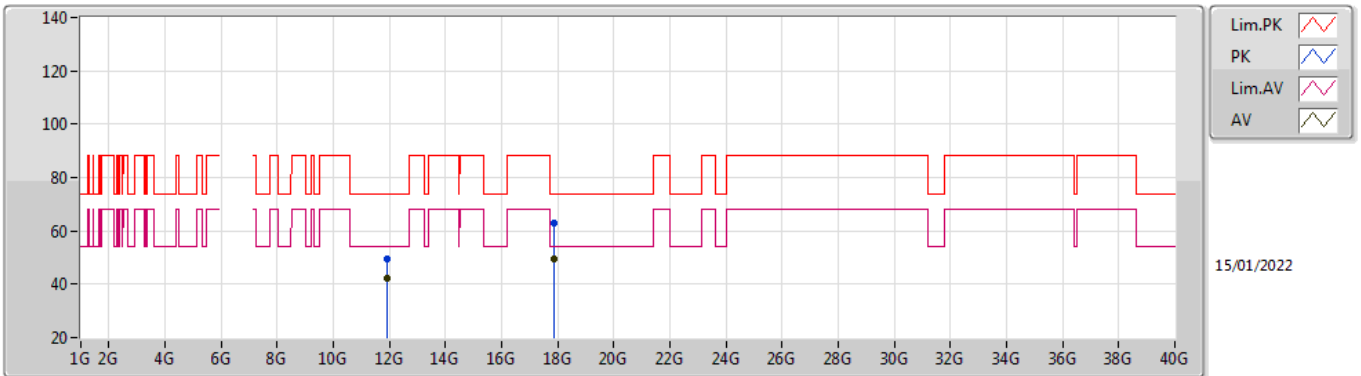


EUT Y_4TX
Setting 25
06-D-S-8-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9246G	68.74	88.20	-19.46	62.91	3	Horizontal	165	1.13	-	32.15	6.06	32.38	
RMS	5.925G	56.81	68.20	-11.39	50.98	3	Horizontal	165	1.13	-	32.15	6.06	32.38	
PK	5.9594G	118.10	Inf	-Inf	112.23	3	Horizontal	165	1.13	-	32.20	6.08	32.41	
RMS	5.959G	109.24	Inf	-Inf	103.37	3	Horizontal	165	1.13	-	32.20	6.08	32.41	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

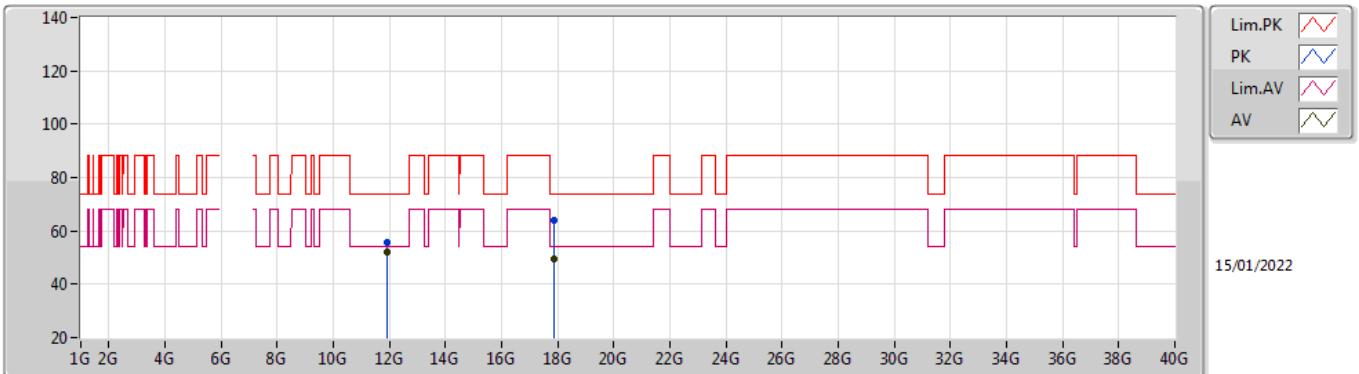


EUT Y_4TX
Setting 25
06-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.90982G	49.74	74.00	-24.26	35.61	3	Vertical	115	1.88	-	38.62	9.75	34.24	
AV	11.91G	42.34	54.00	-11.66	28.21	3	Vertical	115	1.88	-	38.62	9.75	34.24	
PK	17.86698G	63.03	74.00	-10.97	35.79	3	Vertical	288	1.80	-	47.27	14.75	34.78	
AV	17.87826G	49.28	54.00	-4.72	21.82	3	Vertical	288	1.80	-	47.49	14.76	34.79	

802.11ax HEW20_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

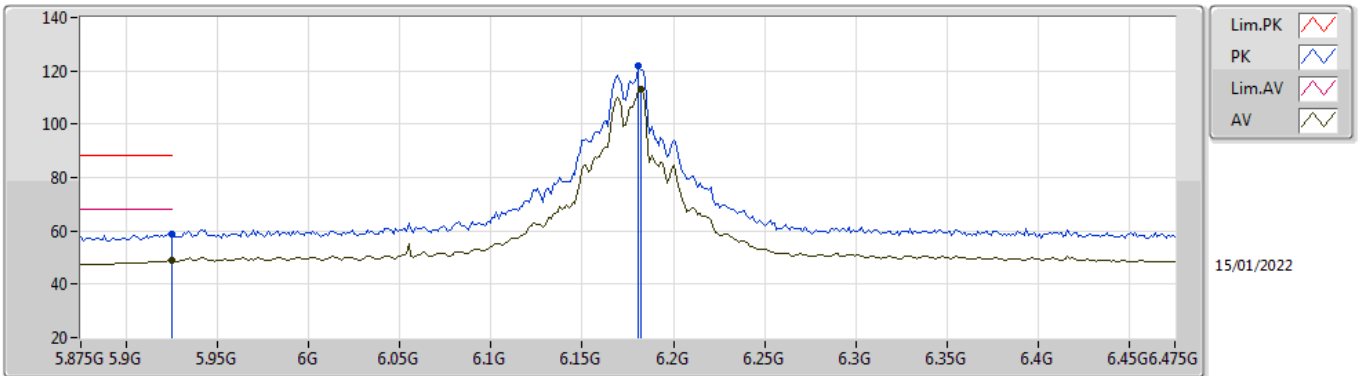


EUT Y_4TX
Setting 25
06-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.91006G	55.52	74.00	-18.48	41.39	3	Horizontal	63	1.96	-	38.62	9.75	34.24	
AV	11.91G	52.04	54.00	-1.96	37.91	3	Horizontal	63	1.96	-	38.62	9.75	34.24	
PK	17.85426G	63.85	74.00	-10.15	36.87	3	Horizontal	0	1.80	-	47.03	14.73	34.78	
AV	17.87928G	49.27	54.00	-4.73	21.79	3	Horizontal	0	1.80	-	47.51	14.76	34.79	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

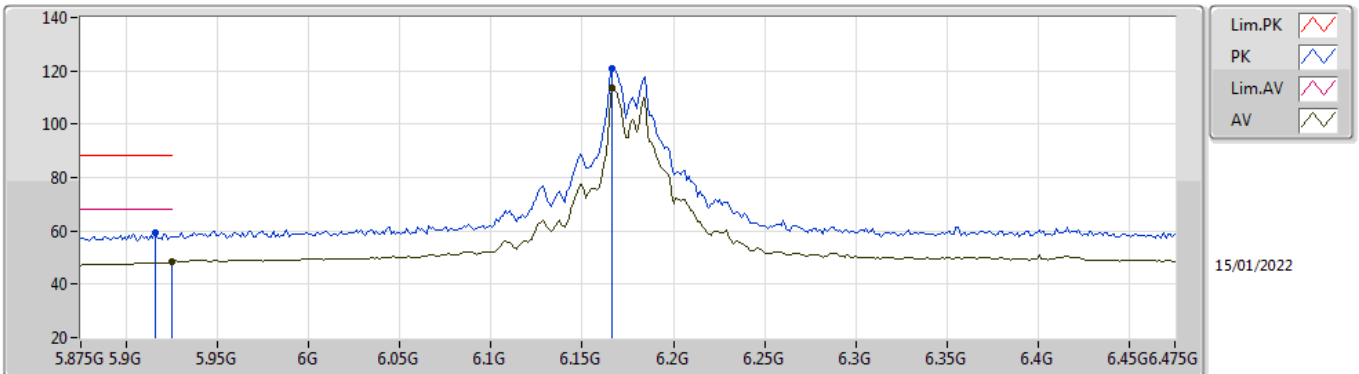


EUT_Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.925G	58.64	88.20	-29.56	52.03	3	Vertical	78	1.80	-	34.65	7.52	35.56	
RMS	5.925G	48.81	68.20	-19.39	42.20	3	Vertical	78	1.80	-	34.65	7.52	35.56	
PK	6.181G	121.67	Inf	-Inf	114.17	3	Vertical	78	1.80	-	35.16	7.87	35.53	
RMS	6.1822G	112.88	Inf	-Inf	105.38	3	Vertical	78	1.80	-	35.16	7.87	35.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

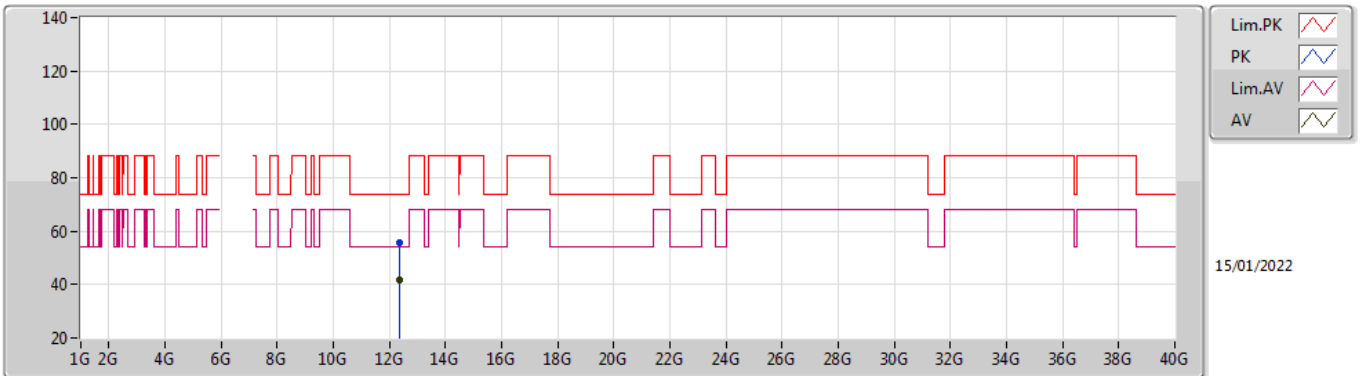


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9158G	59.17	88.20	-29.03	52.54	3	Horizontal	142	1.76	-	34.67	7.52	35.56	
RMS	5.925G	48.65	68.20	-19.55	42.04	3	Horizontal	142	1.76	-	34.65	7.52	35.56	
PK	6.1666G	120.79	Inf	-Inf	113.34	3	Horizontal	142	1.76	-	35.13	7.85	35.53	
RMS	6.1666G	113.43	Inf	-Inf	105.98	3	Horizontal	142	1.76	-	35.13	7.85	35.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

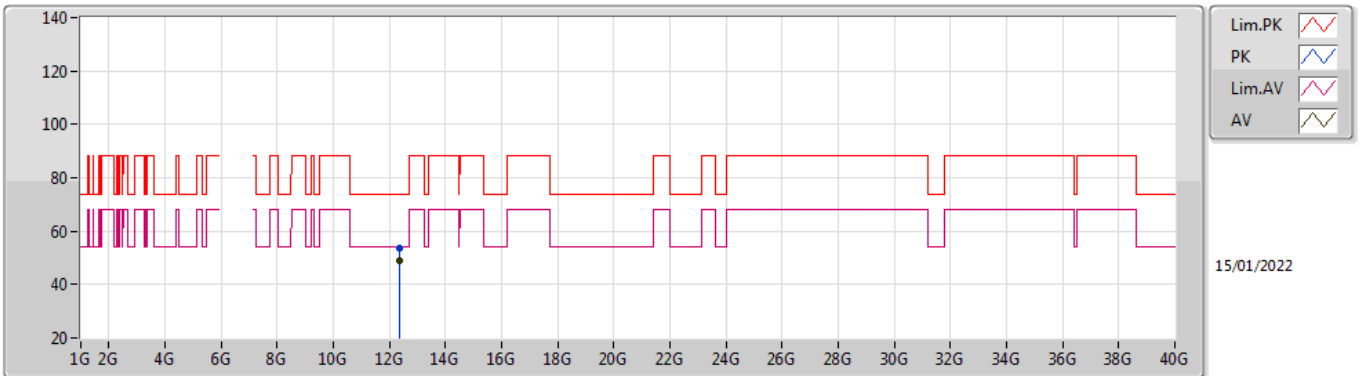


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	12.34996G	41.66	54.00	-12.34	26.95	3	Vertical	106	1.80	-	39.05	11.08	35.42
PK	12.3574G	55.51	74.00	-18.49	40.80	3	Vertical	106	1.80	-	39.04	11.09	35.42

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

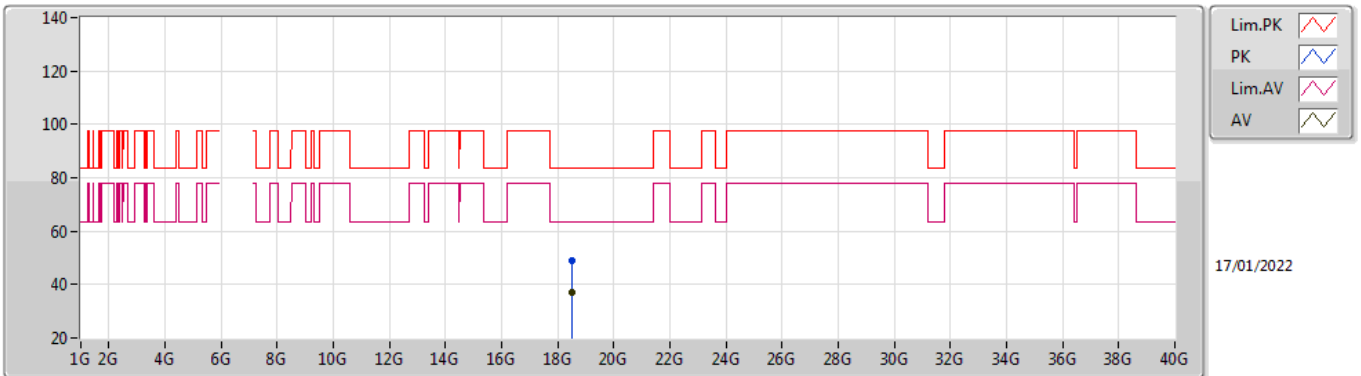


EUT Y_4TX
Setting 25
06-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.34994G	53.81	74.00	-20.19	39.30	3	Horizontal	139	2.11	-	38.55	10.06	34.10	
AV	12.35G	49.17	54.00	-4.83	34.66	3	Horizontal	139	2.11	-	38.55	10.06	34.10	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

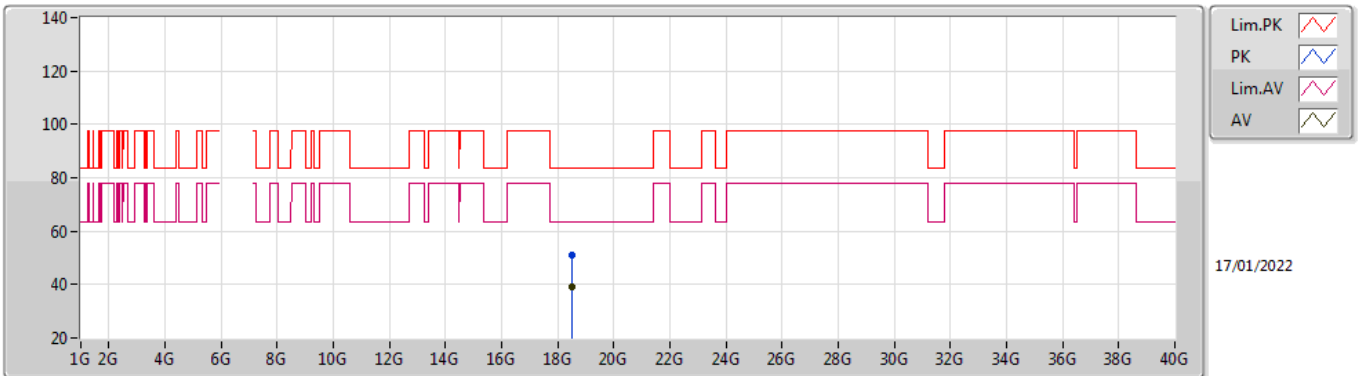


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	18.5196G	49.22	83.54	-34.32	46.60	1	Vertical	53	1.79	-	37.79	14.91	50.08	
AV	18.5196G	36.94	63.54	-26.60	34.32	1	Vertical	53	1.79	-	37.79	14.91	50.08	

802.11ax HEW20_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

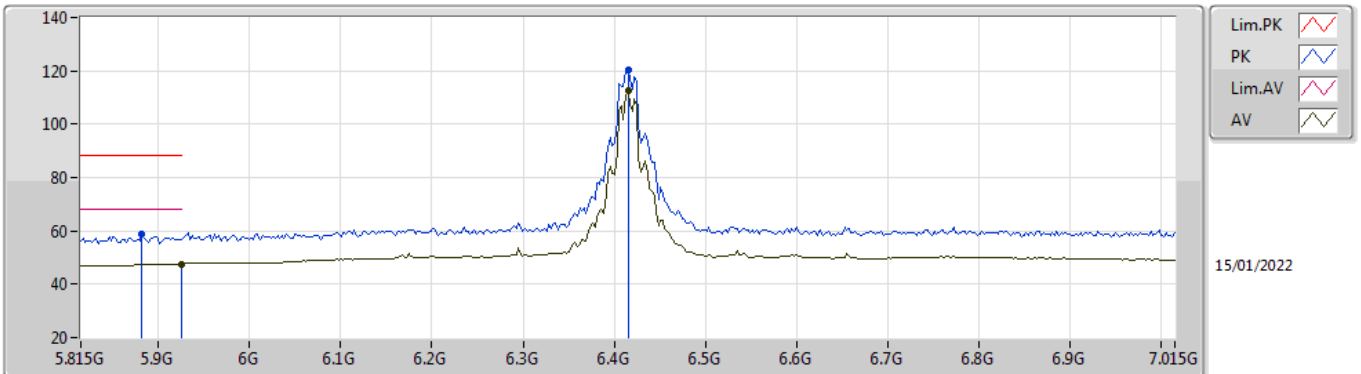


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	18.52308G	51.16	83.54	-32.38	48.54	1	Horizontal	51	1.61	-	37.79	14.91	50.08
AV	18.52296G	39.38	63.54	-24.16	36.76	1	Horizontal	51	1.61	-	37.79	14.91	50.08

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

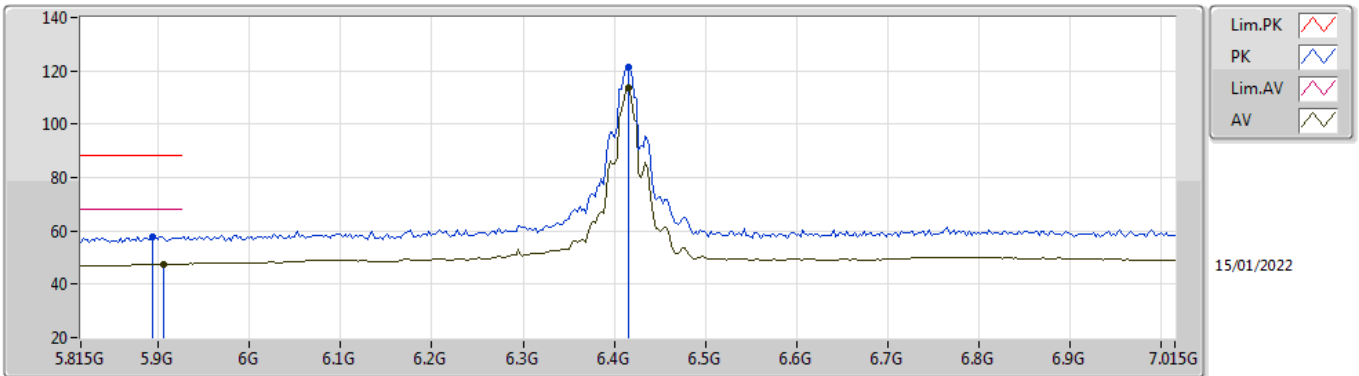


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.8822G	58.74	88.20	-29.46	52.21	3	Vertical	85	1.39	-	34.59	7.48	35.54	
RMS	5.925G	47.67	68.20	-20.53	41.06	3	Vertical	85	1.39	-	34.65	7.52	35.56	
PK	6.415G	120.26	Inf	-Inf	113.09	3	Vertical	85	1.39	-	34.87	7.73	35.43	
RMS	6.415G	112.39	Inf	-Inf	105.22	3	Vertical	85	1.39	-	34.87	7.73	35.43	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

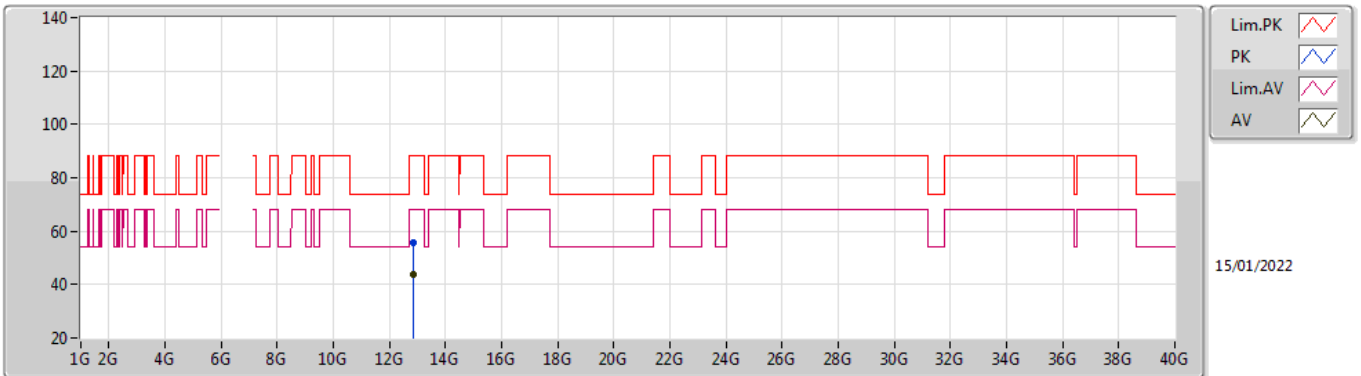


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.8942G	57.91	88.20	-30.29	51.30	3	Horizontal	63	2.13	-	34.67	7.49	35.55	
RMS	5.9062G	47.57	68.20	-20.63	40.92	3	Horizontal	63	2.13	-	34.69	7.51	35.55	
PK	6.415G	121.30	Inf	-Inf	114.13	3	Horizontal	63	2.13	-	34.87	7.73	35.43	
RMS	6.415G	113.83	Inf	-Inf	106.66	3	Horizontal	63	2.13	-	34.87	7.73	35.43	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

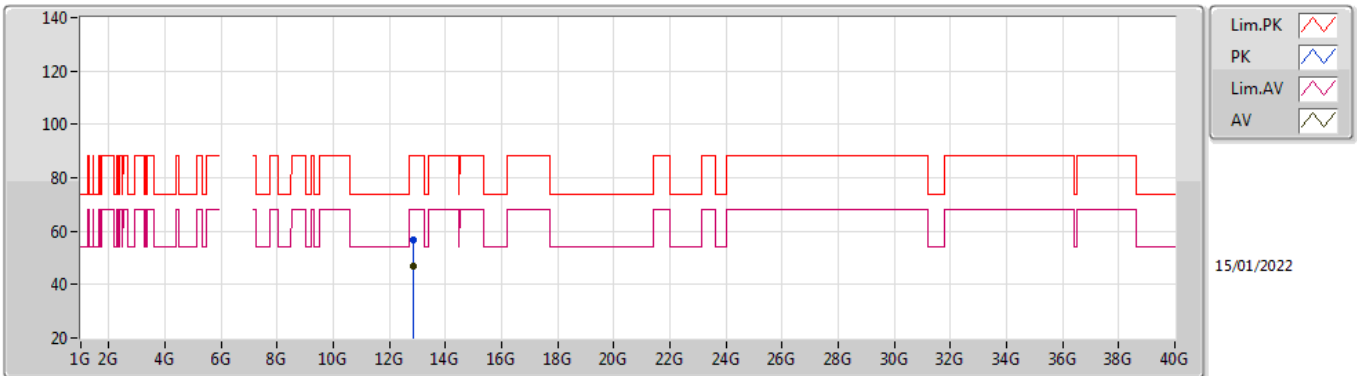


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.83018G	55.94	88.20	-32.26	39.75	3	Vertical	106	1.80	-	39.36	11.46	34.63	
RMS	12.83012G	43.54	68.20	-24.66	27.35	3	Vertical	106	1.80	-	39.36	11.46	34.63	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

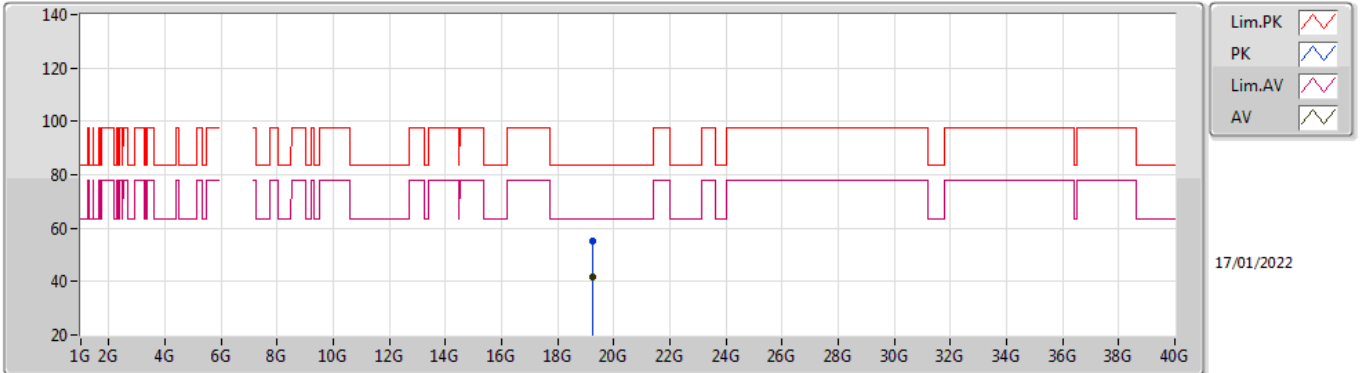


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.8296G	56.73	88.20	-31.47	40.54	3	Horizontal	139	1.99	-	39.36	11.46	34.63	
RMS	12.8301G	46.90	68.20	-21.30	30.71	3	Horizontal	139	1.99	-	39.36	11.46	34.63	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

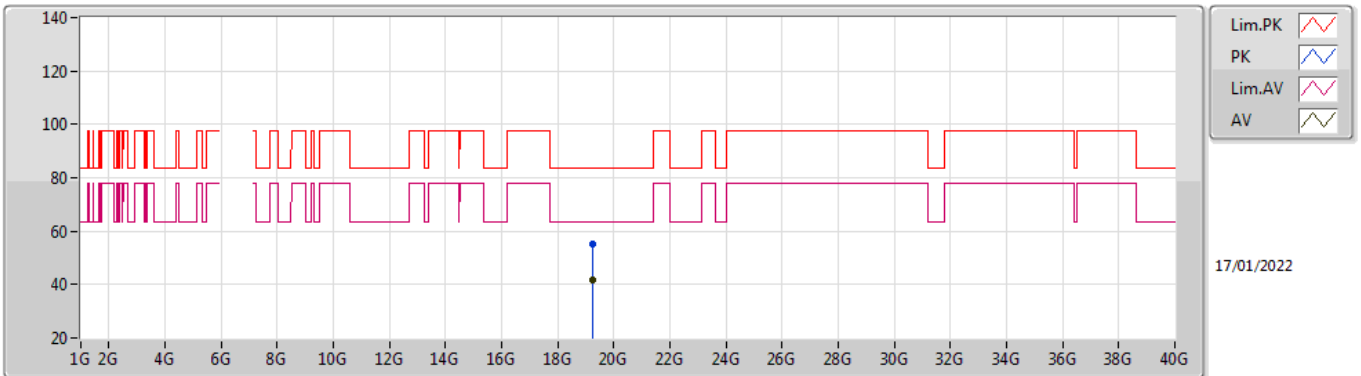


EUT Y_4TX
Setting 25
03-C-K-4

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	19.24438G	55.15	83.54	-28.39	51.89	1	Vertical	296	1.55	-	37.71	15.20	49.65	
AV	19.247G	41.63	63.54	-21.91	38.38	1	Vertical	296	1.55	-	37.70	15.20	49.65	

802.11ax HEW20_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

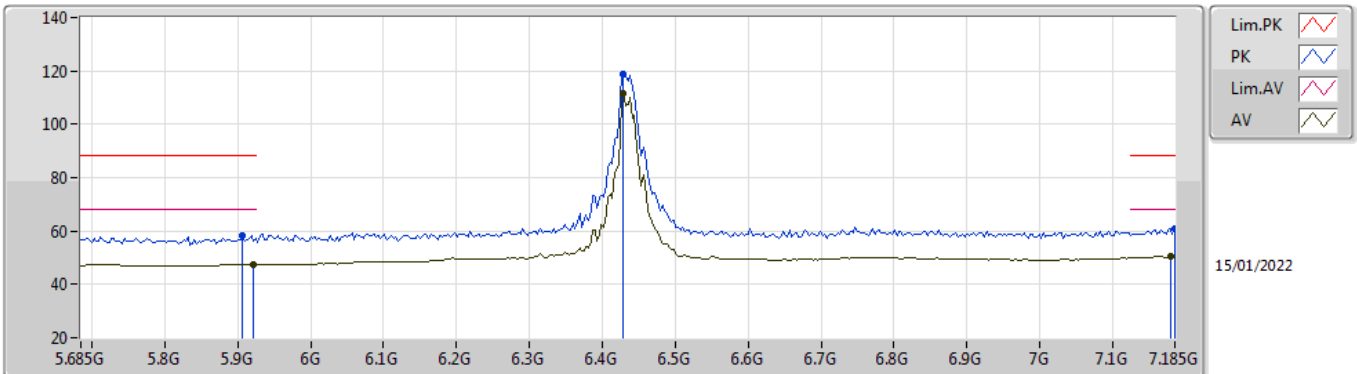


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	19.24118G	54.93	83.54	-28.61	51.67	1	Horizontal	191	1.53	-	37.71	15.20	49.65	
AV	19.24056G	41.55	63.54	-21.99	38.29	1	Horizontal	191	1.53	-	37.71	15.20	49.65	

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

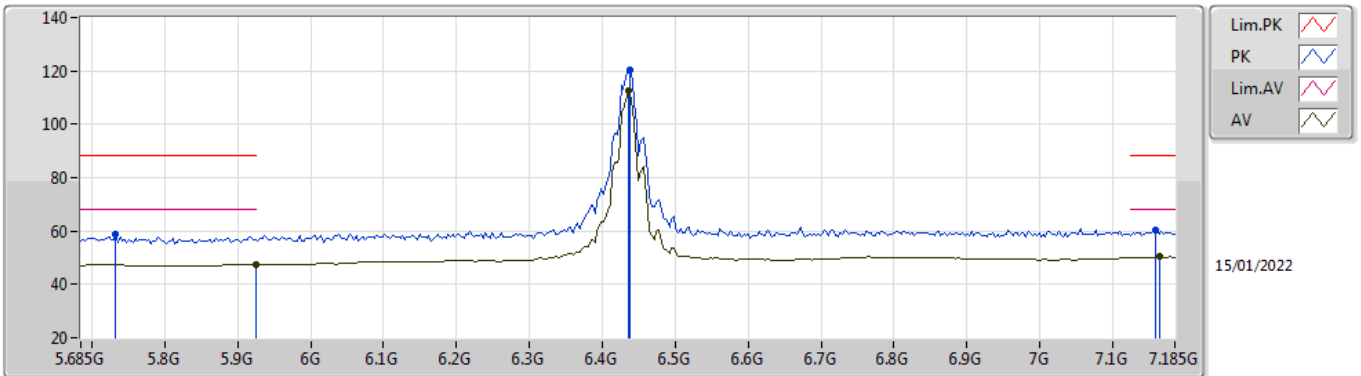


EUT V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.907G	58.43	88.20	-29.77	51.78	3	Vertical	149	1.42	-	34.69	7.51	35.55
RMS	5.922G	47.56	68.20	-20.64	40.94	3	Vertical	149	1.42	-	34.66	7.52	35.56
PK	6.429G	118.97	Inf	-Inf	111.80	3	Vertical	149	1.42	-	34.84	7.76	35.43
RMS	6.429G	111.50	Inf	-Inf	104.33	3	Vertical	149	1.42	-	34.84	7.76	35.43
PK	7.185G	60.78	88.20	-27.42	51.68	3	Vertical	149	1.42	-	36.44	8.20	35.54
RMS	7.179G	50.38	68.20	-17.82	41.30	3	Vertical	149	1.42	-	36.42	8.20	35.54

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

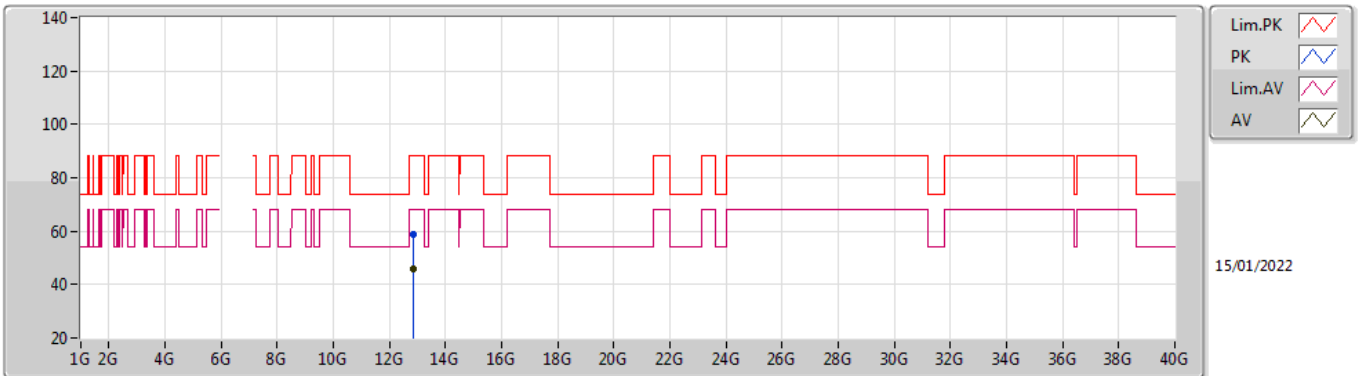


EUT V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.733G	58.70	88.20	-29.50	52.30	3	Horizontal	62	1.72	-	34.40	7.47	35.47
RMS	5.925G	47.46	68.20	-20.74	40.84	3	Horizontal	62	1.72	-	34.65	7.53	35.56
PK	6.438G	120.36	Inf	-Inf	113.18	3	Horizontal	62	1.72	-	34.82	7.78	35.42
RMS	6.435G	112.58	Inf	-Inf	105.41	3	Horizontal	62	1.72	-	34.83	7.77	35.43
PK	7.158G	60.19	88.20	-28.01	51.19	3	Horizontal	62	1.72	-	36.33	8.20	35.53
RMS	7.164G	50.39	68.20	-17.81	41.36	3	Horizontal	62	1.72	-	36.36	8.20	35.53

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

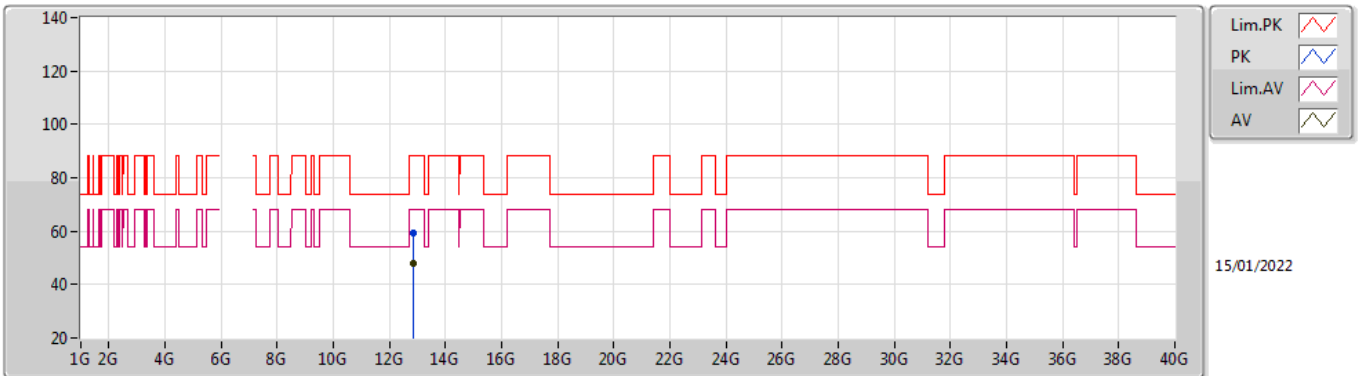


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.87038G	58.60	88.20	-29.60	42.20	3	Vertical	98	2.12	-	39.44	11.50	34.54
RMS	12.87002G	45.98	68.20	-22.22	29.58	3	Vertical	98	2.12	-	39.44	11.50	34.54

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

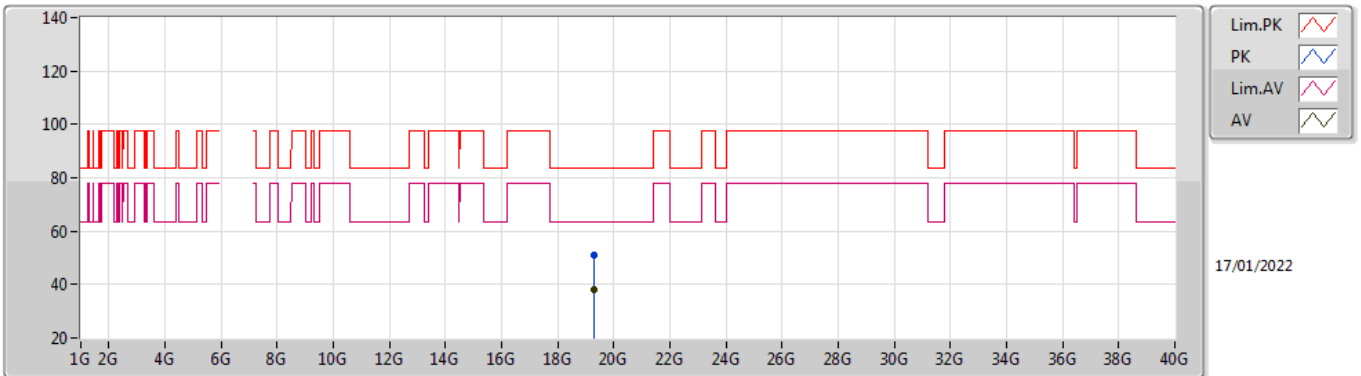


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	12.87022G	59.52	88.20	-28.68	43.12	3	Horizontal	141	1.98	-	39.44	11.50	34.54	
RMS	12.87004G	48.14	68.20	-20.06	31.74	3	Horizontal	141	1.98	-	39.44	11.50	34.54	

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

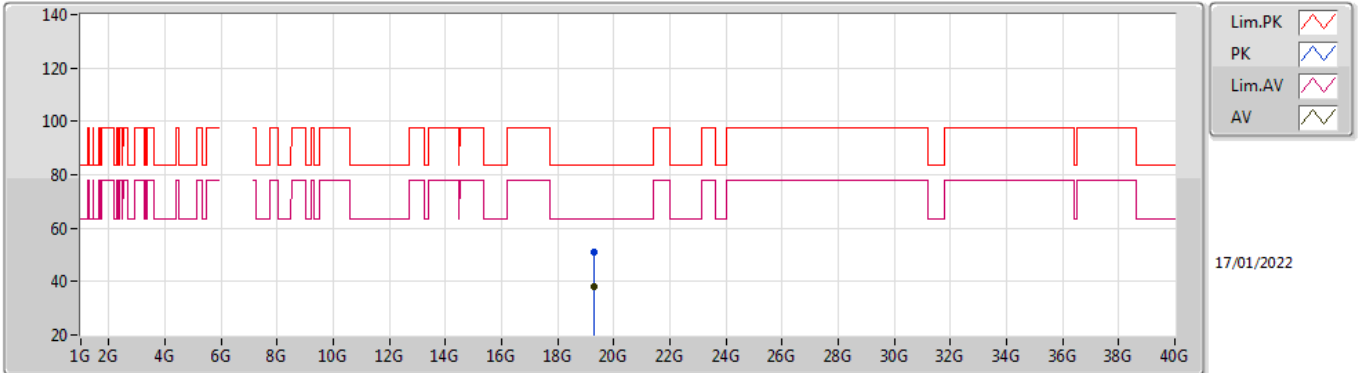


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.3045G	51.24	83.54	-32.30	47.94	1	Vertical	178	1.58	-	37.74	15.22	49.66
AV	19.30098G	37.92	63.54	-25.62	34.62	1	Vertical	178	1.58	-	37.74	15.22	49.66

802.11ax HEW20_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

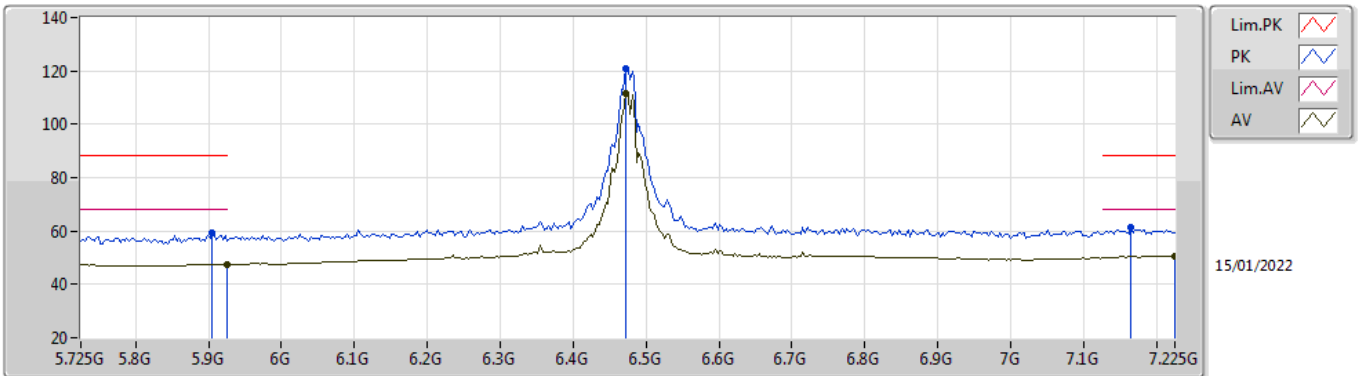


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.3023G	51.09	83.54	-32.45	47.79	1	Horizontal	74	1.53	-	37.74	15.22	49.66
AV	19.30088G	37.94	63.54	-25.60	34.64	1	Horizontal	74	1.53	-	37.74	15.22	49.66

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

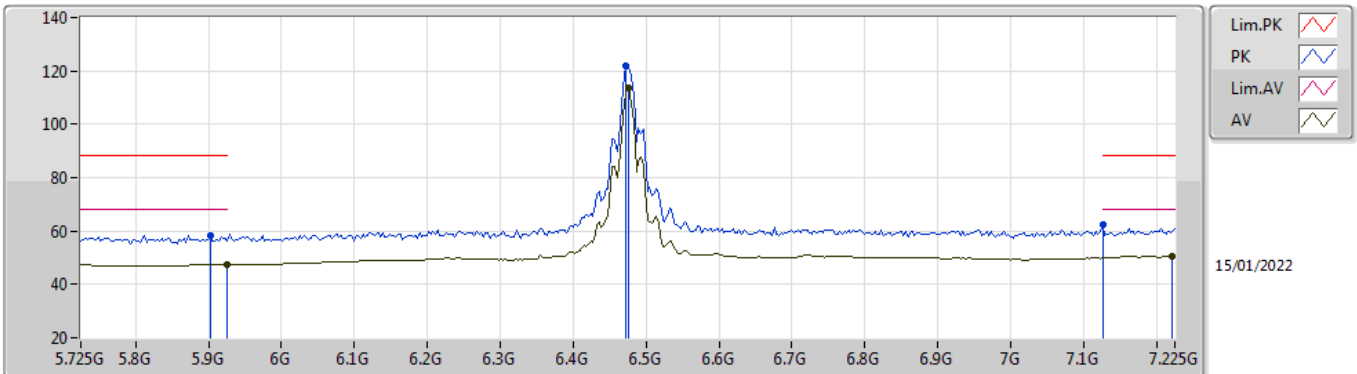


EUT V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.905G	59.09	88.20	-29.11	52.45	3	Vertical	89	1.36	-	34.69	7.50	35.55
RMS	5.925G	47.63	68.20	-20.57	41.02	3	Vertical	89	1.36	-	34.65	7.52	35.56
PK	6.472G	121.08	Inf	-Inf	113.85	3	Vertical	89	1.36	-	34.80	7.84	35.41
RMS	6.472G	111.56	Inf	-Inf	104.33	3	Vertical	89	1.36	-	34.80	7.84	35.41
PK	7.165G	61.31	88.20	-26.89	52.28	3	Vertical	89	1.36	-	36.36	8.20	35.53
RMS	7.225G	50.74	68.20	-17.46	41.37	3	Vertical	89	1.36	-	36.65	8.27	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

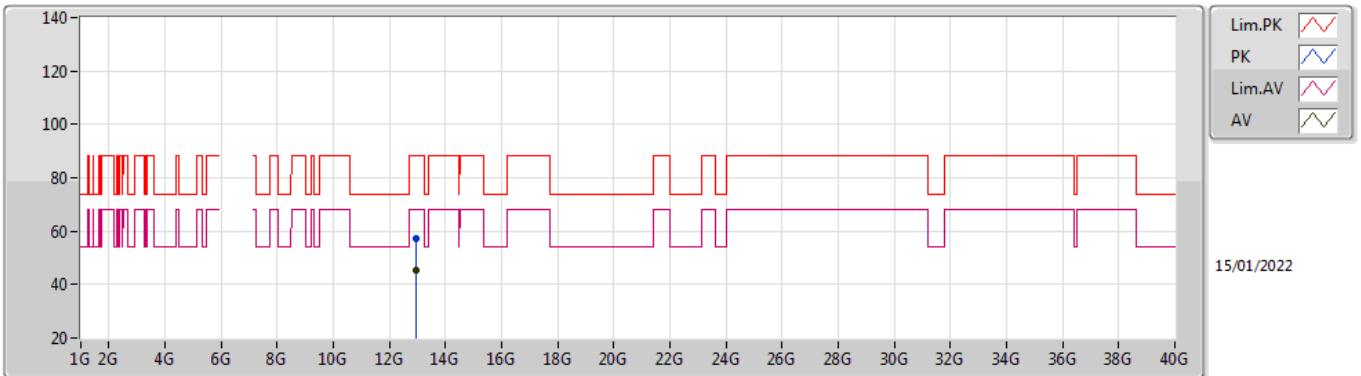


EUT_V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.902G	58.42	88.20	-29.78	51.77	3	Horizontal	131	1.36	-	34.70	7.50	35.55
RMS	5.925G	47.58	68.20	-20.62	40.97	3	Horizontal	131	1.36	-	34.65	7.52	35.56
PK	6.472G	121.71	Inf	-Inf	114.48	3	Horizontal	131	1.36	-	34.80	7.84	35.41
RMS	6.475G	113.51	Inf	-Inf	106.27	3	Horizontal	131	1.36	-	34.80	7.85	35.41
PK	7.126G	62.34	88.20	-25.86	53.50	3	Horizontal	131	1.36	-	36.16	8.20	35.52
RMS	7.222G	50.72	68.20	-17.48	41.37	3	Horizontal	131	1.36	-	36.63	8.27	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

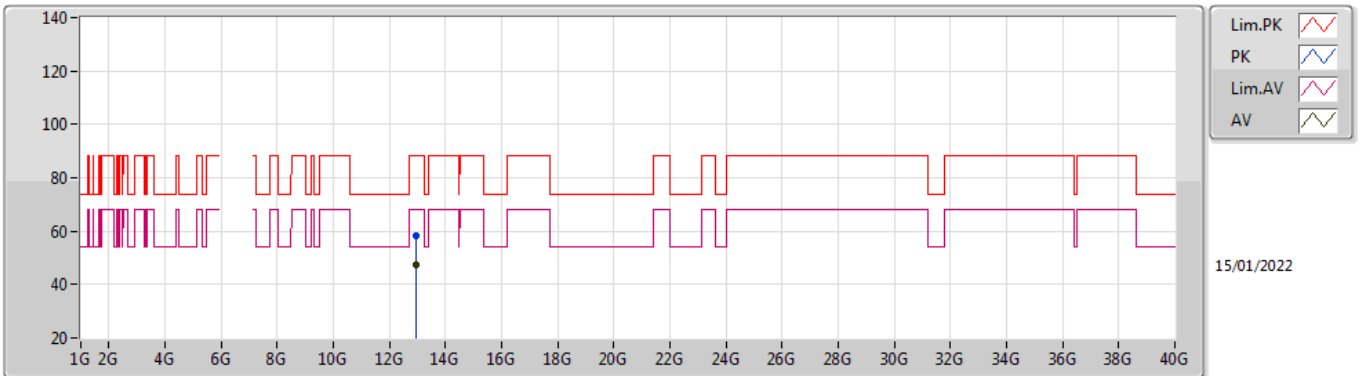


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.94826G	57.22	88.20	-30.98	40.47	3	Vertical	99	2.09	-	39.55	11.56	34.36
RMS	12.95006G	45.49	68.20	-22.71	28.73	3	Vertical	99	2.09	-	39.55	11.56	34.35

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

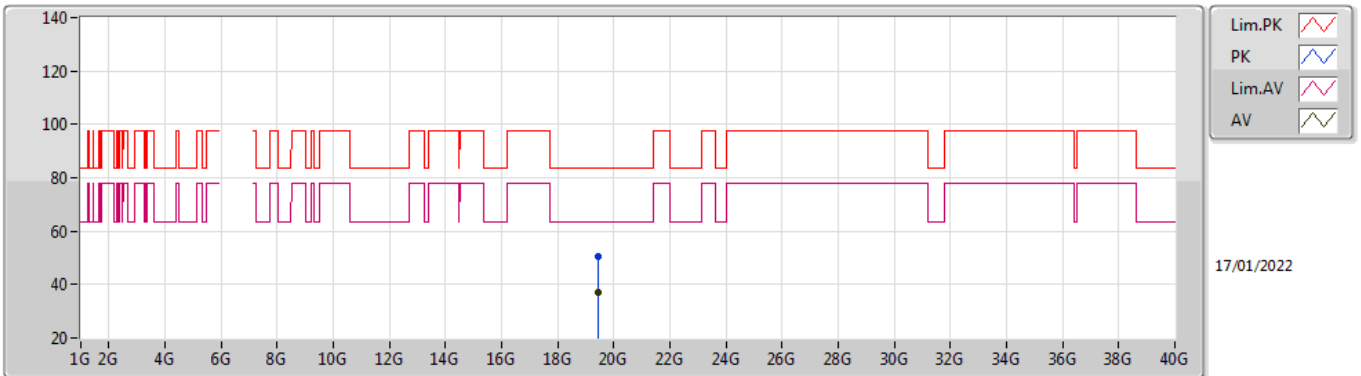


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.95018G	58.39	88.20	-29.81	41.63	3	Horizontal	63	2.80	-	39.55	11.56	34.35
RMS	12.95006G	47.63	68.20	-20.57	30.87	3	Horizontal	63	2.80	-	39.55	11.56	34.35

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

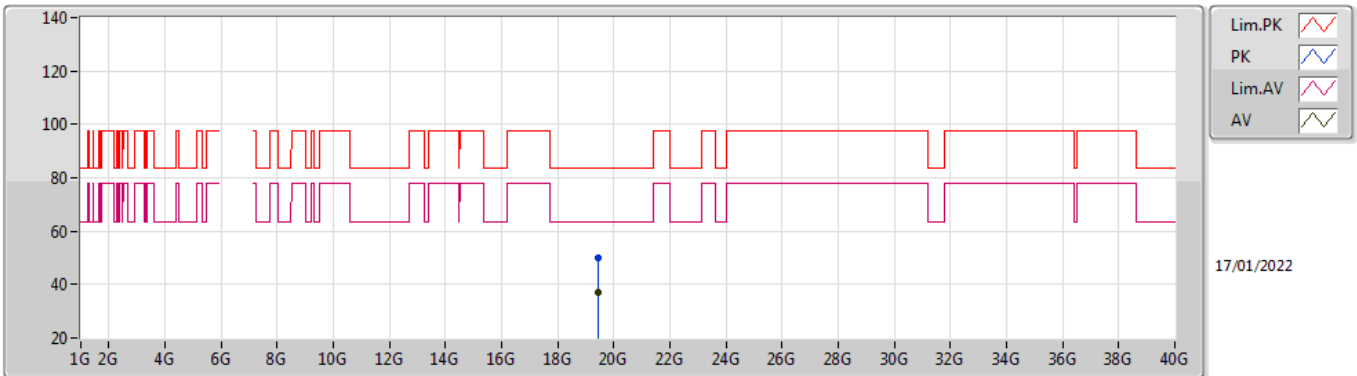


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	19.42008G	50.27	83.54	-33.27	46.84	1	Vertical	290	1.51	-	37.84	15.27	49.68	
AV	19.4217G	36.97	63.54	-26.57	33.54	1	Vertical	290	1.51	-	37.84	15.27	49.68	

802.11ax HEW20_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

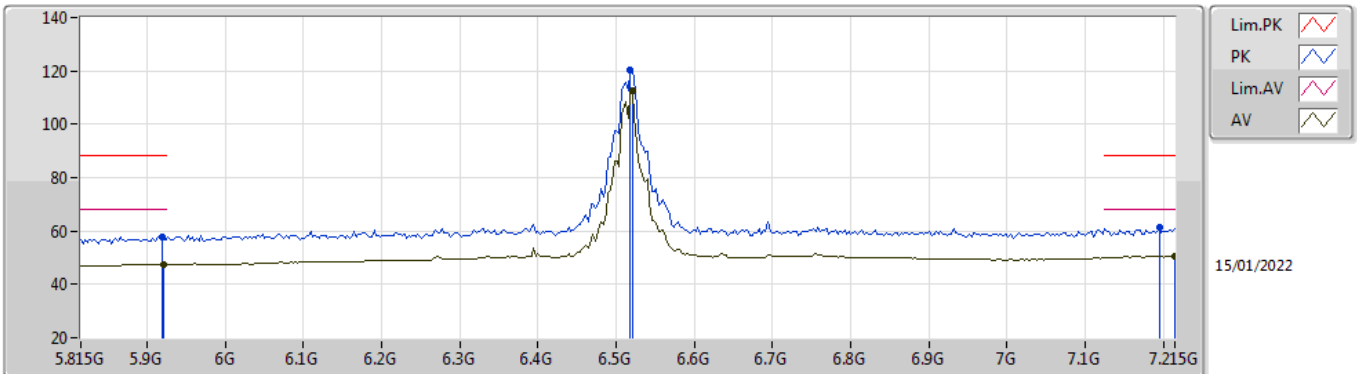


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.42848G	50.22	83.54	-33.32	46.80	1	Horizontal	51	1.50	-	37.84	15.27	49.69
AV	19.42166G	36.94	63.54	-26.60	33.51	1	Horizontal	51	1.50	-	37.84	15.27	49.68

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

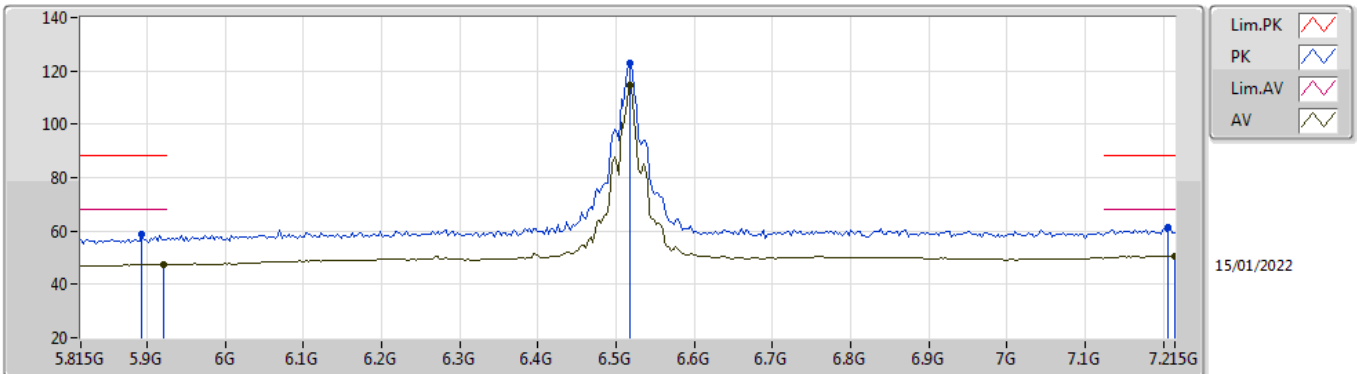


EUT_V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9186G	57.66	88.20	-30.54	51.04	3	Vertical	174	1.93	-	34.66	7.52	35.56
RMS	5.9214G	47.57	68.20	-20.63	40.95	3	Vertical	174	1.93	-	34.66	7.52	35.56
PK	6.5178G	120.45	Inf	-Inf	113.04	3	Vertical	174	1.93	-	34.87	7.94	35.40
RMS	6.5206G	112.33	Inf	-Inf	104.91	3	Vertical	174	1.93	-	34.88	7.94	35.40
PK	7.1954G	61.24	88.20	-26.96	52.10	3	Vertical	174	1.93	-	36.48	8.20	35.54
RMS	7.215G	50.72	68.20	-17.48	41.43	3	Vertical	174	1.93	-	36.59	8.25	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

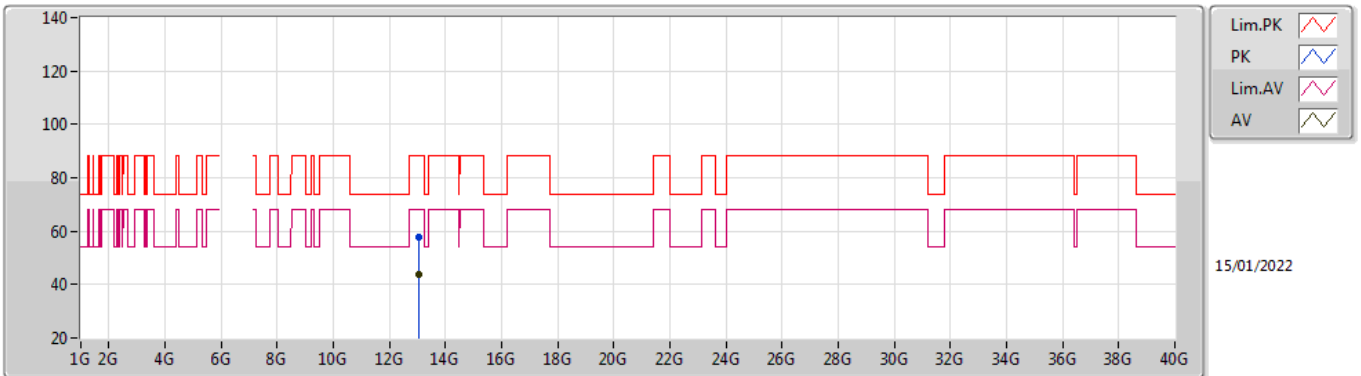


EUT_V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.8934G	58.54	88.20	-29.66	51.94	3	Horizontal	125	1.86	-	34.66	7.49	35.55	
RMS	5.9214G	47.61	68.20	-20.59	40.99	3	Horizontal	125	1.86	-	34.66	7.52	35.56	
PK	6.5178G	122.70	Inf	-Inf	115.29	3	Horizontal	125	1.86	-	34.87	7.94	35.40	
RMS	6.5178G	114.61	Inf	-Inf	107.20	3	Horizontal	125	1.86	-	34.87	7.94	35.40	
PK	7.2066G	61.36	88.20	-26.84	52.14	3	Horizontal	125	1.86	-	36.54	8.22	35.54	
RMS	7.215G	50.65	68.20	-17.55	41.36	3	Horizontal	125	1.86	-	36.59	8.25	35.55	

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

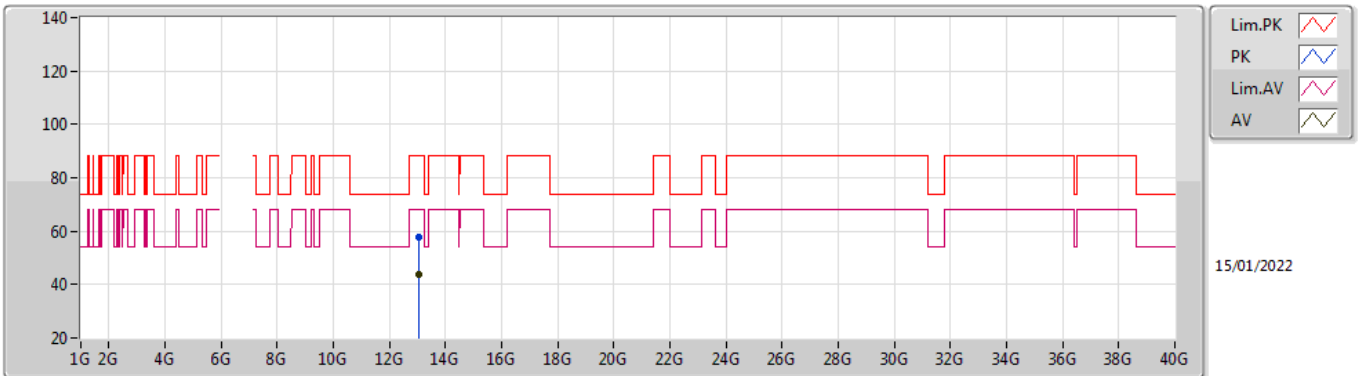


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.03394G	57.57	88.20	-30.63	40.42	3	Vertical	33	1.96	-	39.70	11.63	34.18	
RMS	13.03026G	43.92	68.20	-24.28	26.80	3	Vertical	33	1.96	-	39.69	11.62	34.19	

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

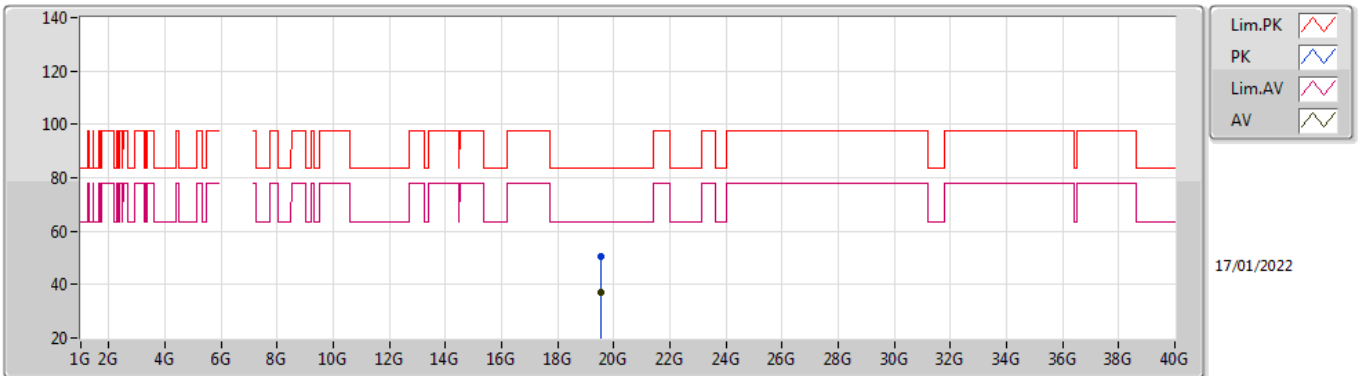


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.02712G	57.81	88.20	-30.39	40.70	3	Horizontal	349	1.90	-	39.68	11.62	34.19
RMS	13.03028G	43.89	68.20	-24.31	26.77	3	Horizontal	349	1.90	-	39.69	11.62	34.19

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

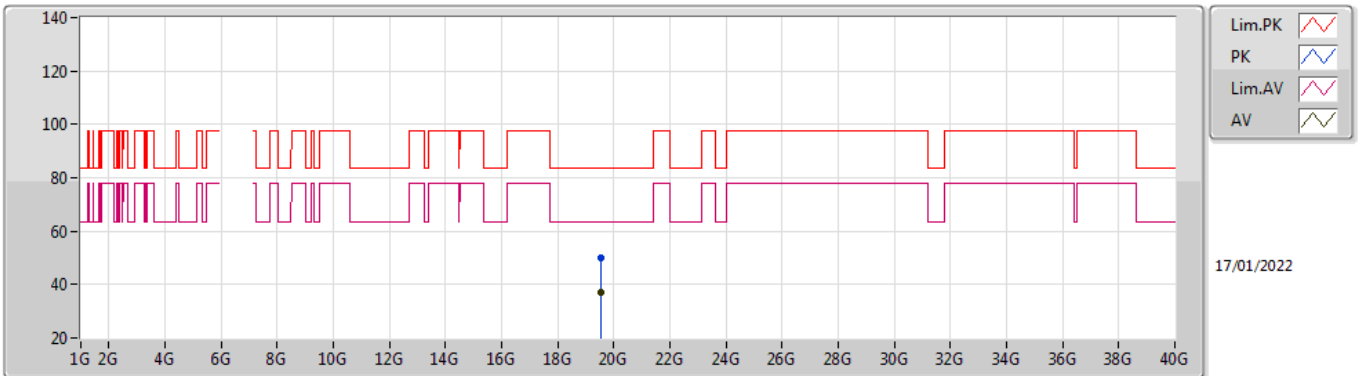


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.5449G	50.64	83.54	-32.90	47.14	1	Vertical	331	1.50	-	37.88	15.32	49.70
AV	19.5404G	36.83	63.54	-26.71	33.33	1	Vertical	331	1.50	-	37.88	15.32	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

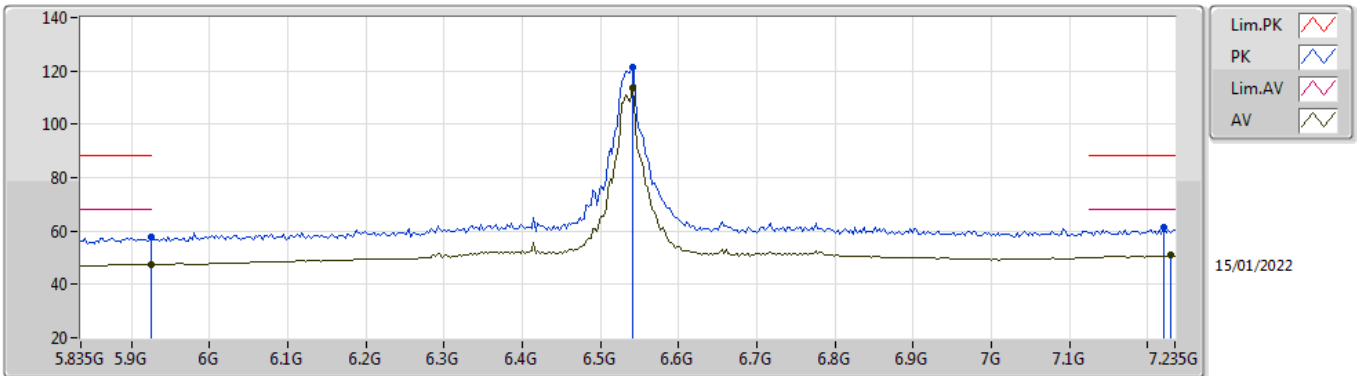


EUT Y_4TX
Setting 25
03-C-K-4

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	19.548G	50.16	83.54	-33.38	46.66	1	Horizontal	299	1.58	-	37.88	15.32	49.70
AV	19.54044G	36.85	63.54	-26.69	33.35	1	Horizontal	299	1.58	-	37.88	15.32	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

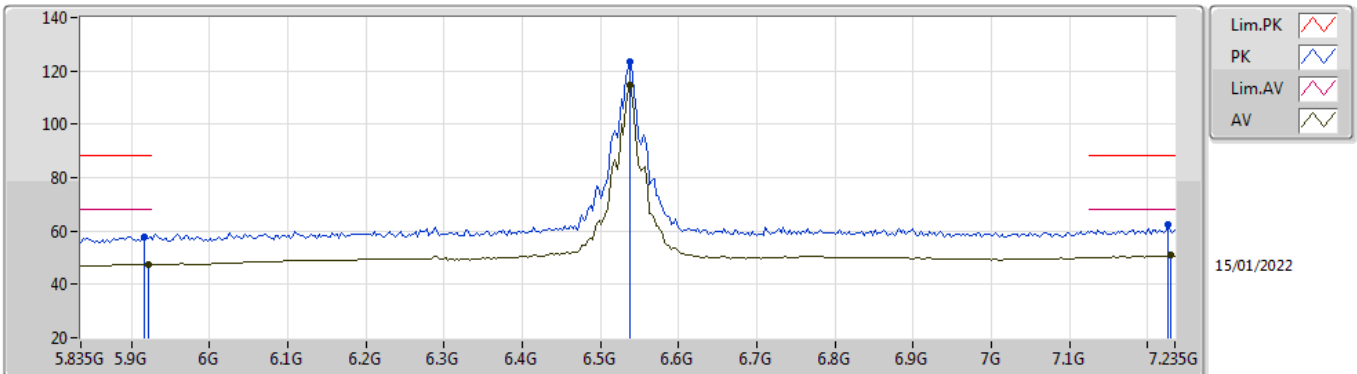


EUT V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9246G	57.67	88.20	-30.53	51.06	3	Vertical	90	1.30	-	34.65	7.52	35.56
RMS	5.9246G	47.58	68.20	-20.62	40.97	3	Vertical	90	1.30	-	34.65	7.52	35.56
PK	6.5406G	121.46	Inf	-Inf	113.93	3	Vertical	90	1.30	-	34.96	7.98	35.41
RMS	6.5406G	113.64	Inf	-Inf	106.11	3	Vertical	90	1.30	-	34.96	7.98	35.41
PK	7.221G	61.53	88.20	-26.67	52.19	3	Vertical	90	1.30	-	36.63	8.26	35.55
RMS	7.2294G	50.88	68.20	-17.32	41.46	3	Vertical	90	1.30	-	36.68	8.29	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

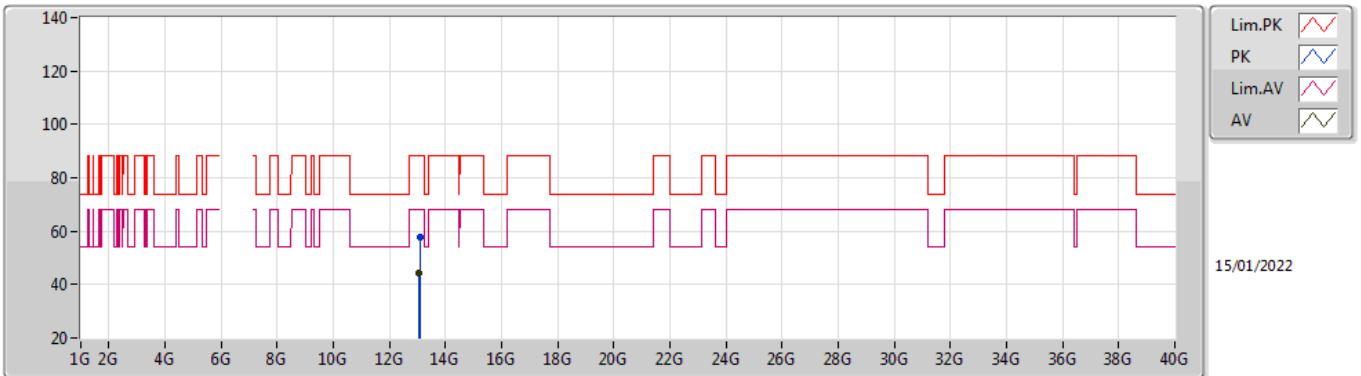


EUT V_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9162G	58.00	88.20	-30.20	51.37	3	Horizontal	126	1.88	-	34.67	7.52	35.56
RMS	5.9218G	47.65	68.20	-20.55	41.03	3	Horizontal	126	1.88	-	34.66	7.52	35.56
PK	6.5378G	123.23	Inf	-Inf	115.71	3	Horizontal	126	1.88	-	34.95	7.98	35.41
RMS	6.5378G	114.40	Inf	-Inf	106.88	3	Horizontal	126	1.88	-	34.95	7.98	35.41
PK	7.2266G	62.23	88.20	-25.97	52.84	3	Horizontal	126	1.88	-	36.66	8.28	35.55
RMS	7.2294G	50.80	68.20	-17.40	41.38	3	Horizontal	126	1.88	-	36.68	8.29	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

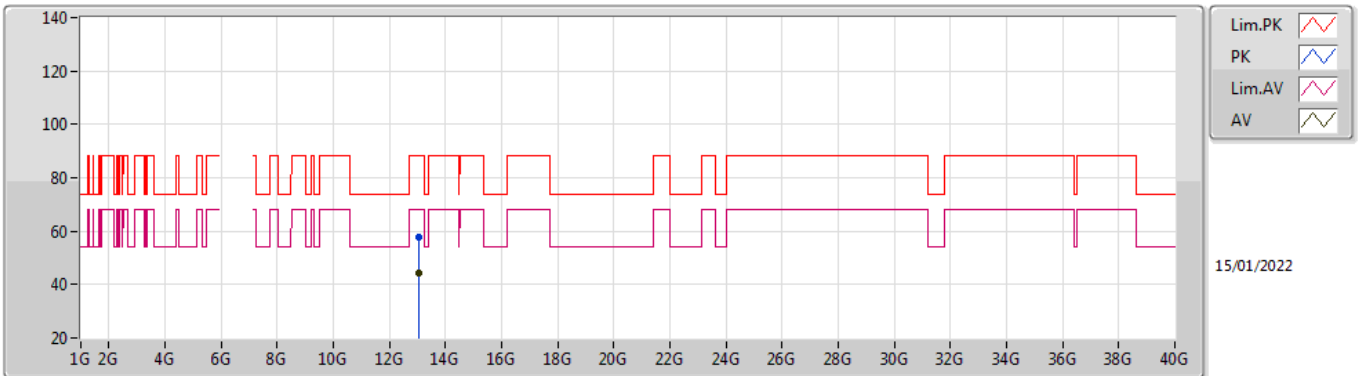


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.08212G	57.62	88.20	-30.58	40.20	3	Vertical	260	2.33	-	39.85	11.67	34.10
RMS	13.05578G	44.15	68.20	-24.05	26.89	3	Vertical	260	2.33	-	39.77	11.64	34.15

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

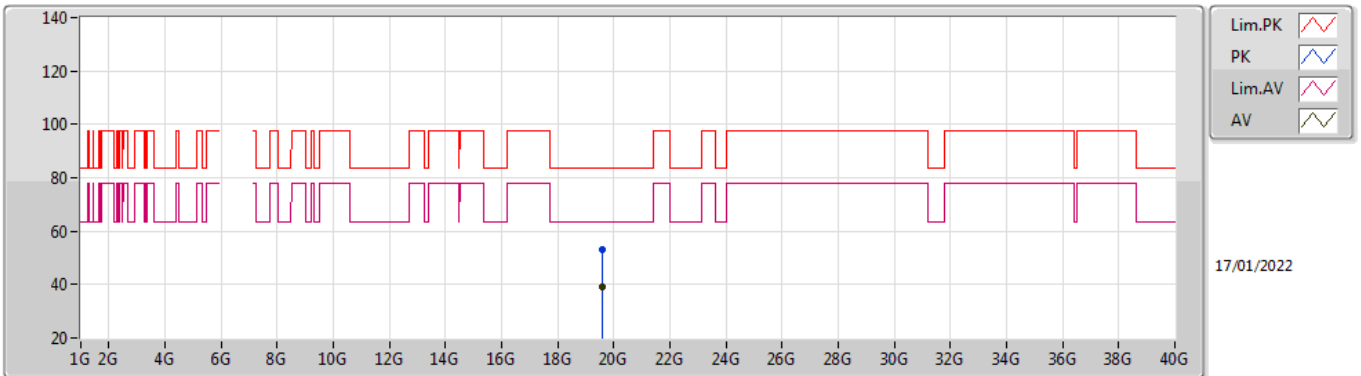


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.05602G	57.52	88.20	-30.68	40.26	3	Horizontal	150	1.36	-	39.77	11.64	34.15
RMS	13.05584G	44.16	68.20	-24.04	26.90	3	Horizontal	150	1.36	-	39.77	11.64	34.15

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

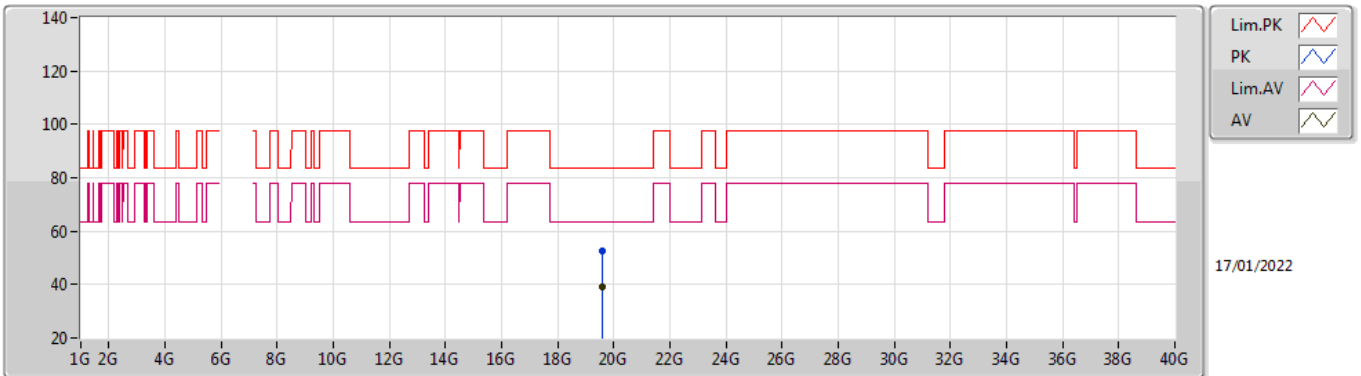


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.60562G	53.05	83.54	-30.49	49.55	1	Vertical	12	1.53	-	37.86	15.34	49.70
AV	19.6051G	39.29	63.54	-24.25	35.79	1	Vertical	12	1.53	-	37.86	15.34	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

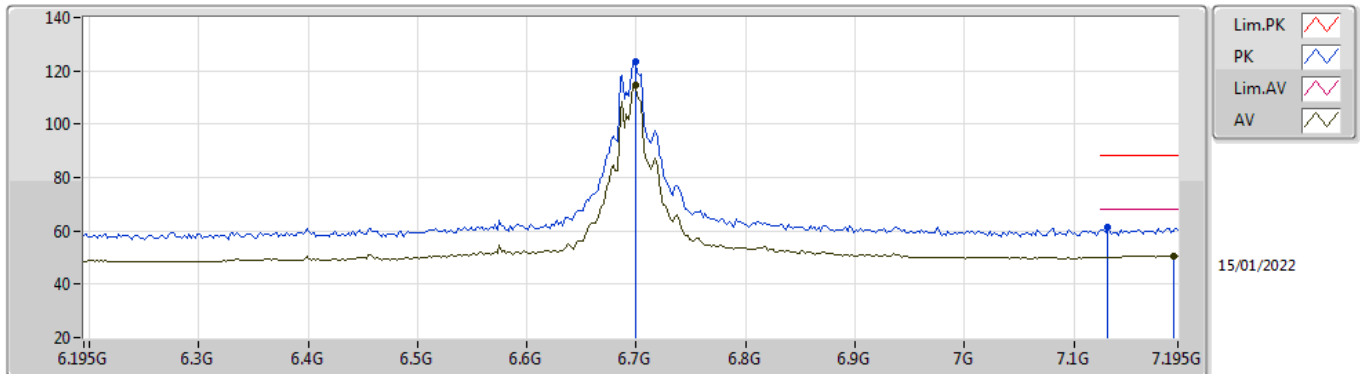


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.60856G	52.62	83.54	-30.92	49.12	1	Horizontal	340	1.50	-	37.86	15.34	49.70
AV	19.60172G	39.24	63.54	-24.30	35.74	1	Horizontal	340	1.50	-	37.86	15.34	49.70

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

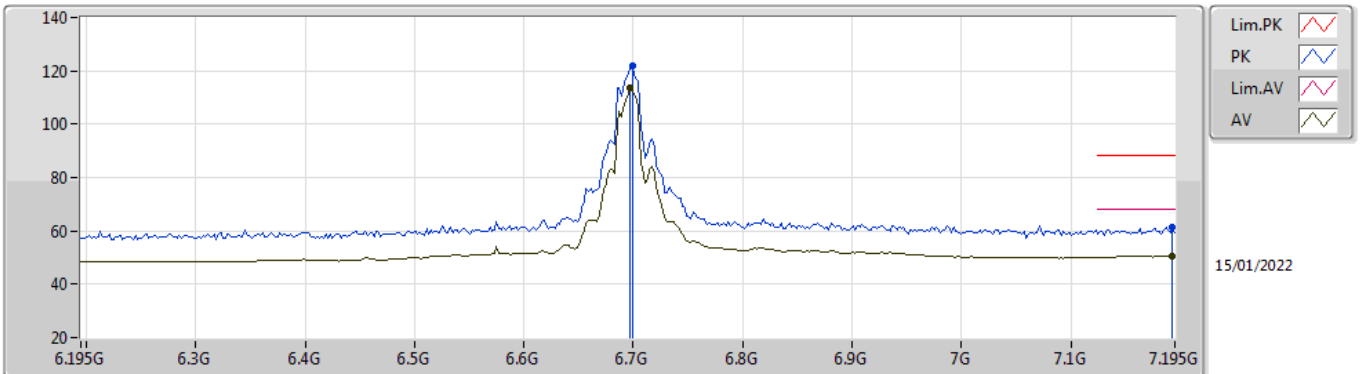


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.699G	123.60	Inf	-Inf	115.44	3	Vertical	138	1.96	-	35.50	8.10	35.44	
RMS	6.699G	114.86	Inf	-Inf	106.70	3	Vertical	138	1.96	-	35.50	8.10	35.44	
PK	7.131G	61.32	88.20	-26.88	52.45	3	Vertical	138	1.96	-	36.19	8.20	35.52	
RMS	7.191G	50.71	68.20	-17.49	41.59	3	Vertical	138	1.96	-	36.46	8.20	35.54	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

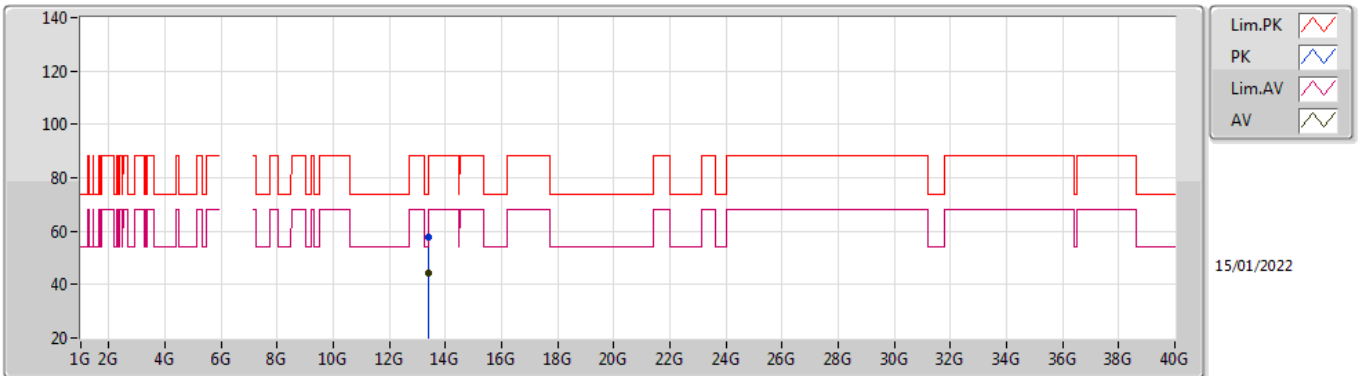


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.699G	121.78	Inf	-Inf	113.62	3	Horizontal	177	2.10	-	35.50	8.10	35.44	
RMS	6.697G	113.56	Inf	-Inf	105.41	3	Horizontal	177	2.10	-	35.49	8.10	35.44	
PK	7.193G	61.58	88.20	-26.62	52.45	3	Horizontal	177	2.10	-	36.47	8.20	35.54	
RMS	7.193G	50.66	68.20	-17.54	41.53	3	Horizontal	177	2.10	-	36.47	8.20	35.54	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

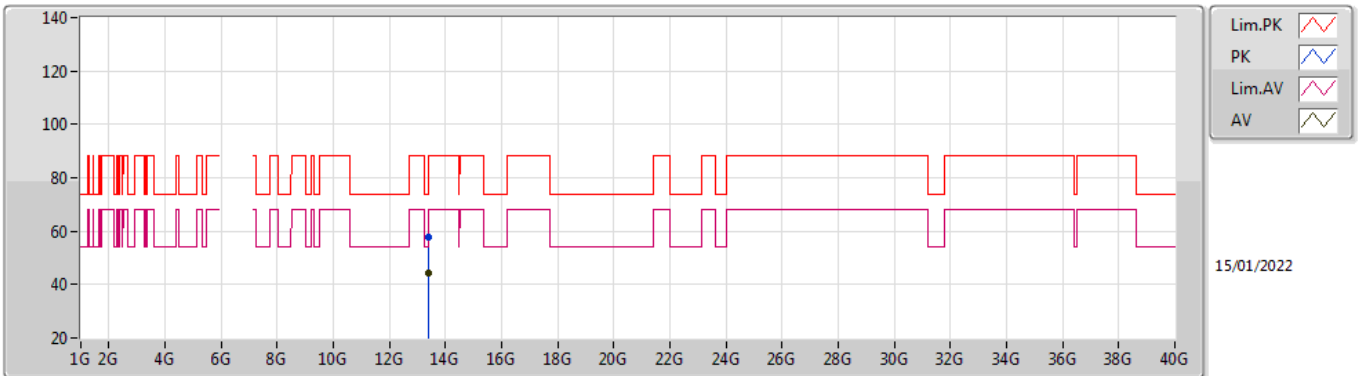


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.38994G	57.75	74.00	-16.25	38.95	3	Vertical	219	2.04	-	40.48	11.91	33.59
AV	13.39534G	44.40	54.00	-9.60	25.57	3	Vertical	219	2.04	-	40.49	11.92	33.58

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

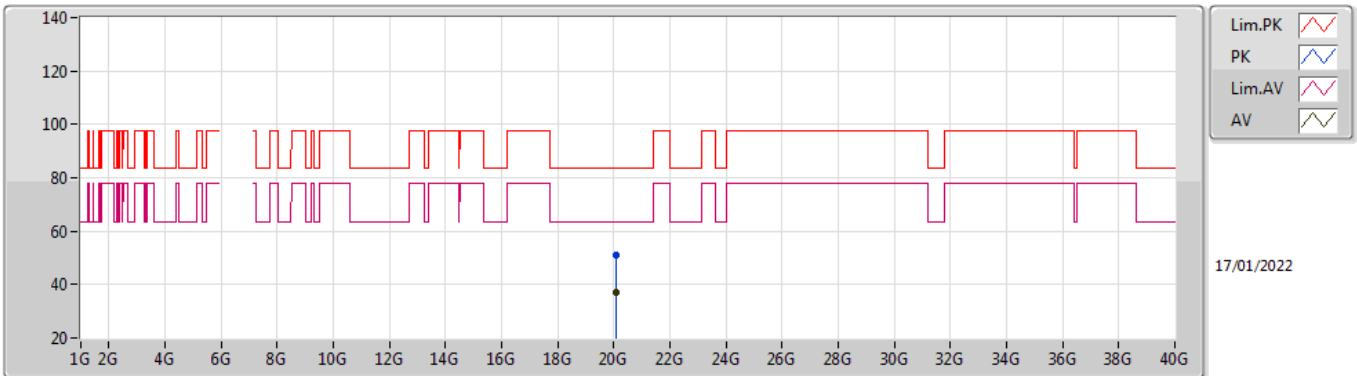


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.39372G	57.53	74.00	-16.47	38.72	3	Horizontal	76	2.70	-	40.49	11.91	33.59
AV	13.39858G	44.45	54.00	-9.55	25.61	3	Horizontal	76	2.70	-	40.50	11.92	33.58

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

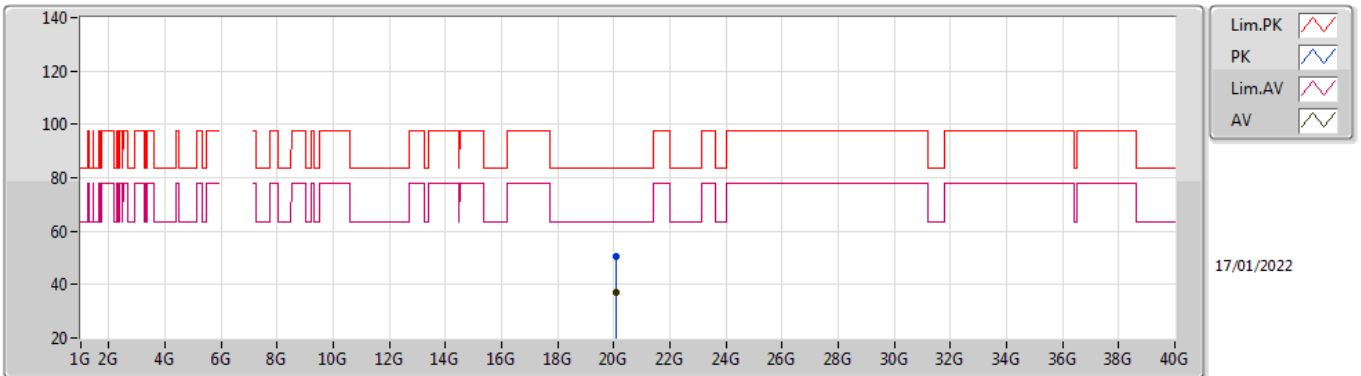


EUT Y_4TX
Setting 25
03-C-K-4

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	20.08524G	50.92	83.54	-32.62	47.64	1	Vertical	57	1.57	-	37.47	15.54	49.73	
AV	20.0844G	37.10	63.54	-26.44	33.82	1	Vertical	57	1.57	-	37.47	15.54	49.73	

802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

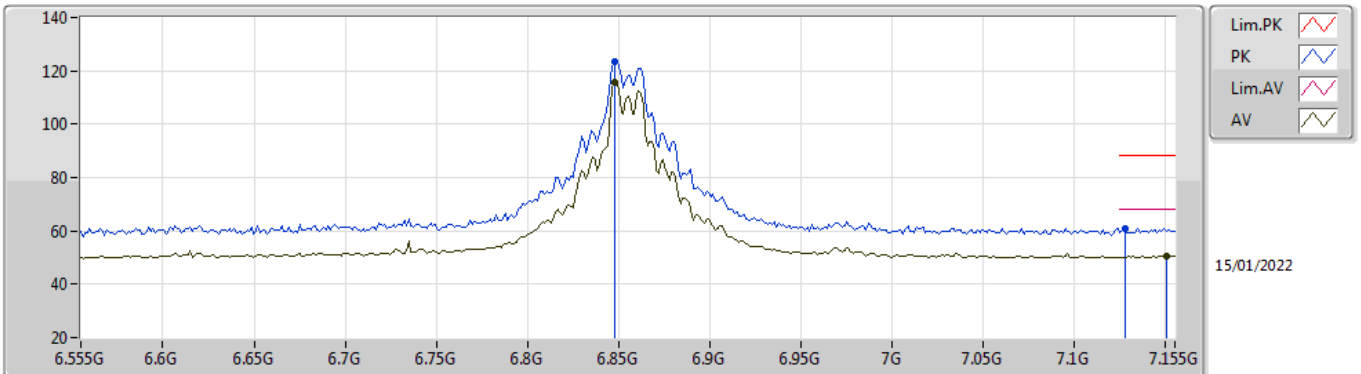


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.08514G	50.30	83.54	-33.24	47.02	1	Horizontal	87	1.58	-	37.47	15.54	49.73
AV	20.0844G	37.02	63.54	-26.52	33.74	1	Horizontal	87	1.58	-	37.47	15.54	49.73

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

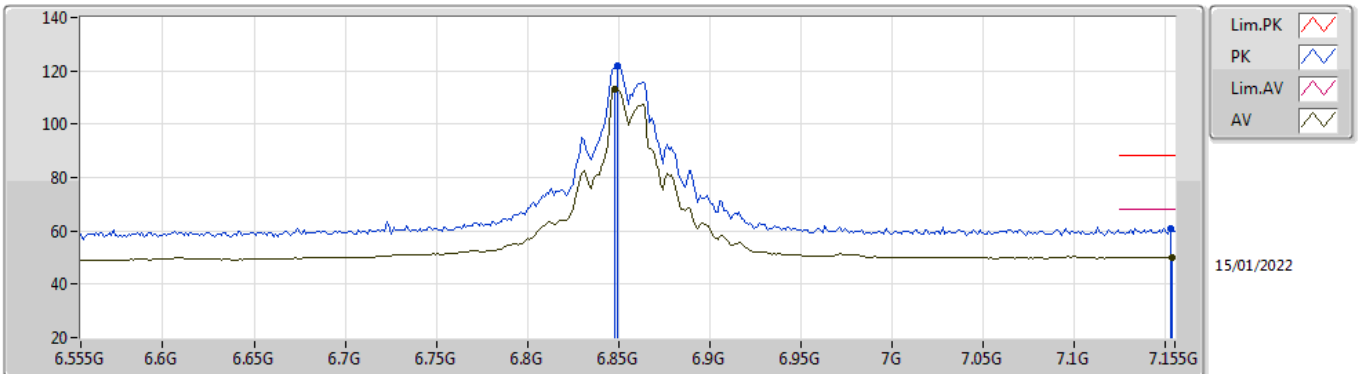


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8478G	123.52	Inf	-Inf	114.97	3	Vertical	91	1.78	-	35.89	8.12	35.46
RMS	6.8478G	115.83	Inf	-Inf	107.28	3	Vertical	91	1.78	-	35.89	8.12	35.46
PK	7.1274G	60.86	88.20	-27.34	52.02	3	Vertical	91	1.78	-	36.16	8.20	35.52
RMS	7.1502G	50.55	68.20	-17.65	41.58	3	Vertical	91	1.78	-	36.30	8.20	35.53

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

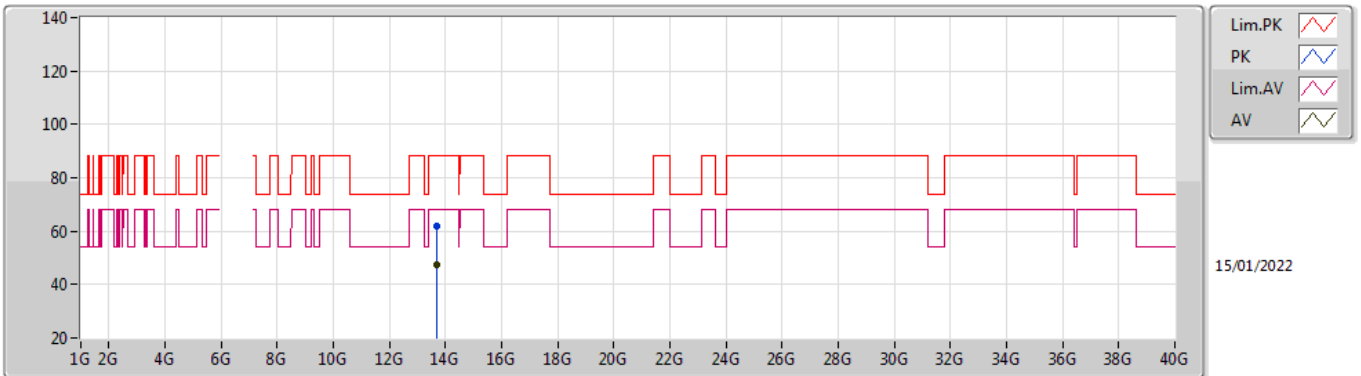


EUT_Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.849G	121.84	Inf	-Inf	113.28	3	Horizontal	34	1.11	-	35.90	8.12	35.46	
RMS	6.8478G	113.27	Inf	-Inf	104.72	3	Horizontal	34	1.11	-	35.89	8.12	35.46	
PK	7.1526G	60.95	88.20	-27.25	51.97	3	Horizontal	34	1.11	-	36.31	8.20	35.53	
RMS	7.1538G	50.23	68.20	-17.97	41.24	3	Horizontal	34	1.11	-	36.32	8.20	35.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

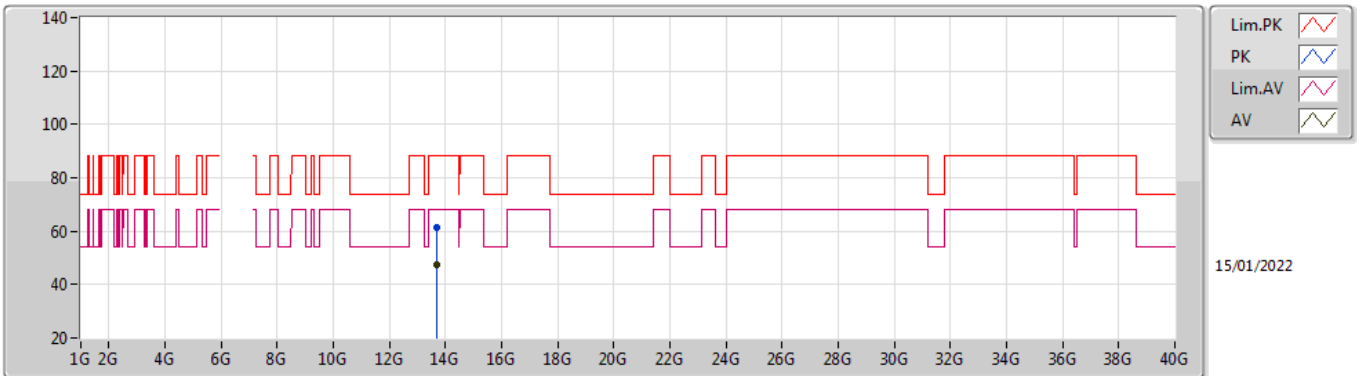


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.7013G	62.08	88.20	-26.12	42.60	3	Vertical	124	2.94	-	40.80	12.16	33.48
RMS	13.7004G	47.47	68.20	-20.73	27.99	3	Vertical	124	2.94	-	40.80	12.16	33.48

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

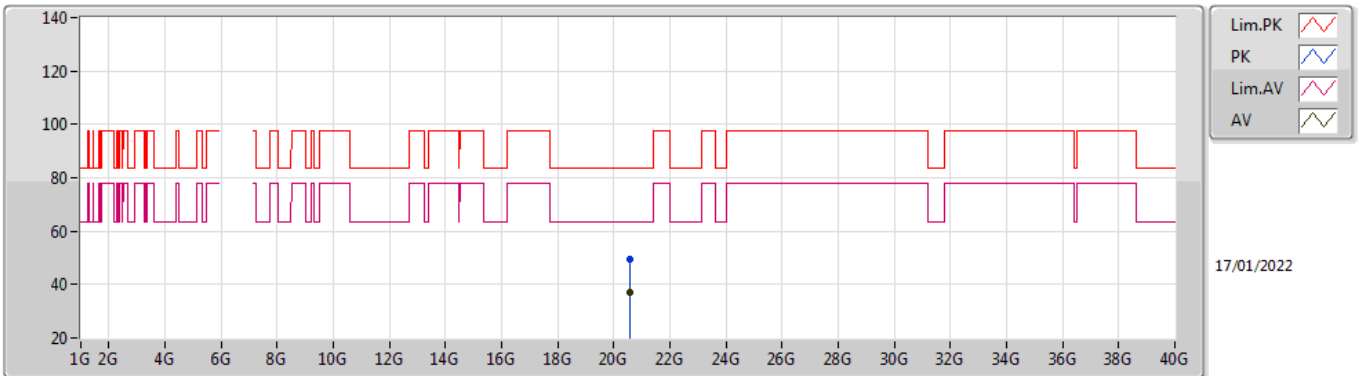


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.70532G	61.15	88.20	-27.05	41.66	3	Horizontal	247	2.33	-	40.81	12.16	33.48
RMS	13.69752G	47.46	68.20	-20.74	27.98	3	Horizontal	247	2.33	-	40.80	12.16	33.48

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

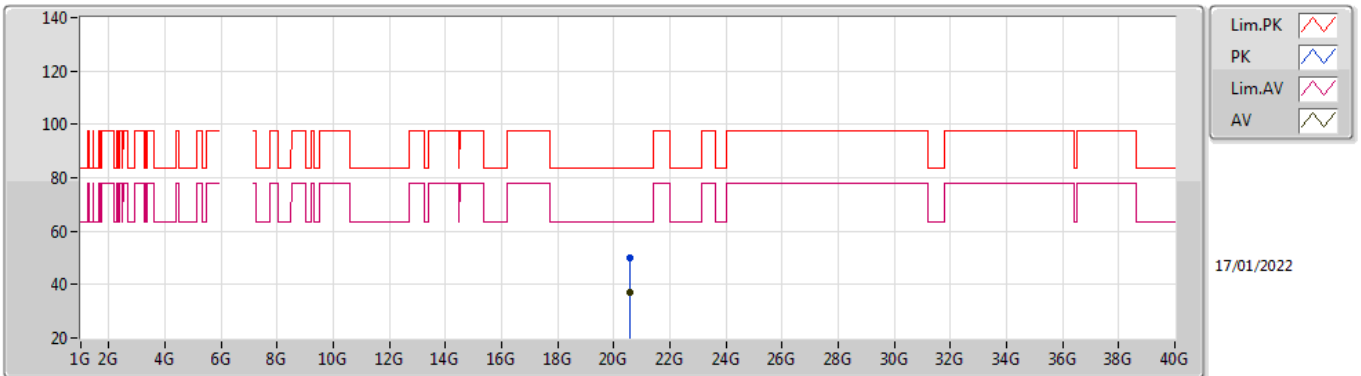


EUT Y_4TX
Setting 25
03-C-K-4

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	20.56198G	49.73	83.54	-33.81	46.09	1	Vertical	303	1.50	-	37.77	15.75	49.88	
AV	20.5646G	36.92	63.54	-26.62	33.26	1	Vertical	303	1.50	-	37.78	15.75	49.87	

802.11ax HEW20_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

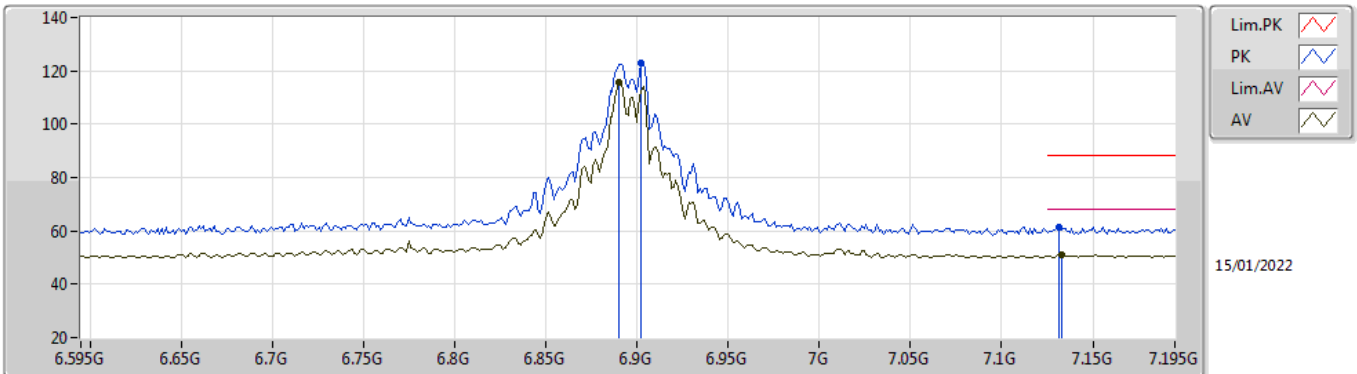


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.56524G	49.96	83.54	-33.58	46.30	1	Horizontal	202	1.57	-	37.78	15.75	49.87
AV	20.56462G	36.90	63.54	-26.64	33.24	1	Horizontal	202	1.57	-	37.78	15.75	49.87

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

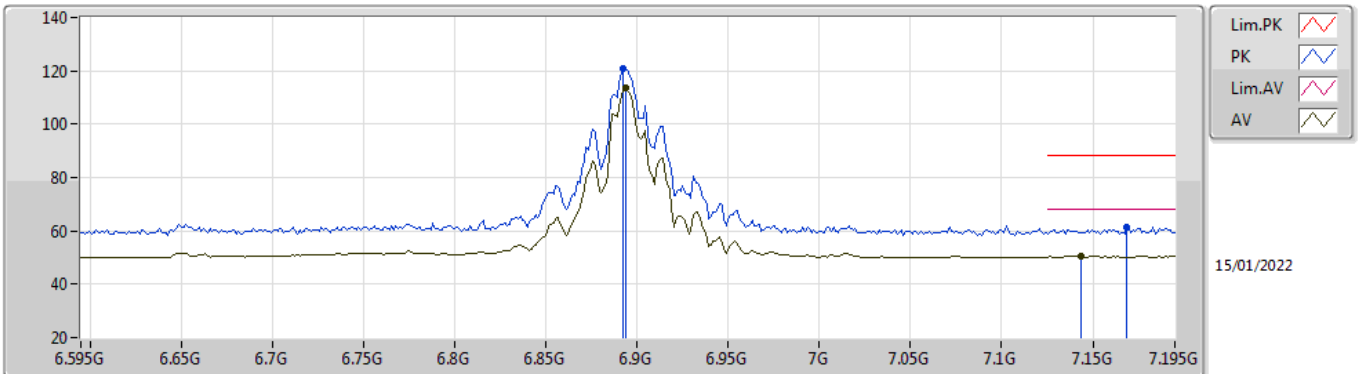


EUT_Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.9022G	122.81	Inf	-Inf	114.33	3	Vertical	84	1.66	-	35.80	8.15	35.47	
RMS	6.8902G	115.76	Inf	-Inf	107.26	3	Vertical	84	1.66	-	35.82	8.15	35.47	
PK	7.1314G	61.63	88.20	-26.57	52.76	3	Vertical	84	1.66	-	36.19	8.20	35.52	
RMS	7.1326G	50.93	68.20	-17.27	42.05	3	Vertical	84	1.66	-	36.20	8.20	35.52	

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

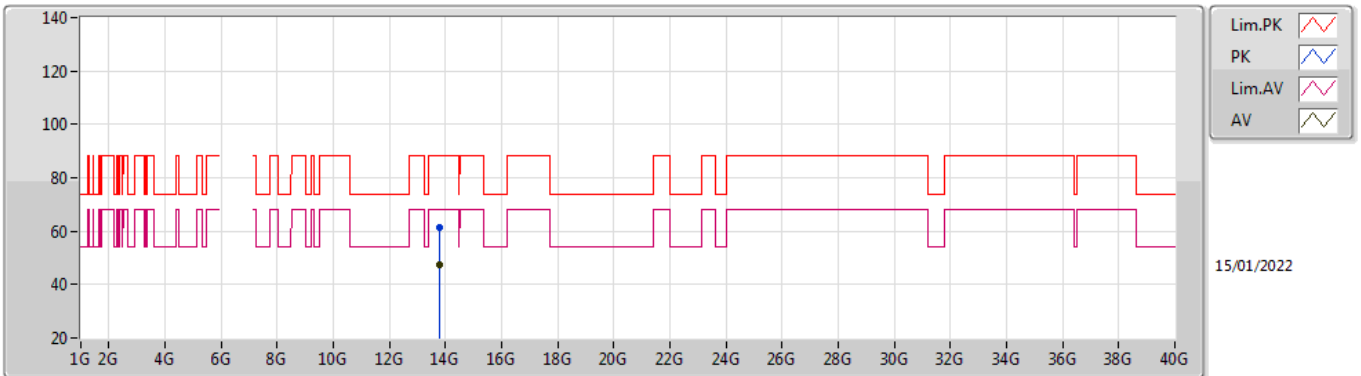


EUT_Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.8926G	120.84	Inf	-Inf	112.35	3	Horizontal	135	1.21	-	35.81	8.15	35.47	
RMS	6.8938G	113.55	Inf	-Inf	105.06	3	Horizontal	135	1.21	-	35.81	8.15	35.47	
PK	7.1686G	61.63	88.20	-26.57	52.59	3	Horizontal	135	1.21	-	36.37	8.20	35.53	
RMS	7.1434G	50.49	68.20	-17.71	41.56	3	Horizontal	135	1.21	-	36.26	8.20	35.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

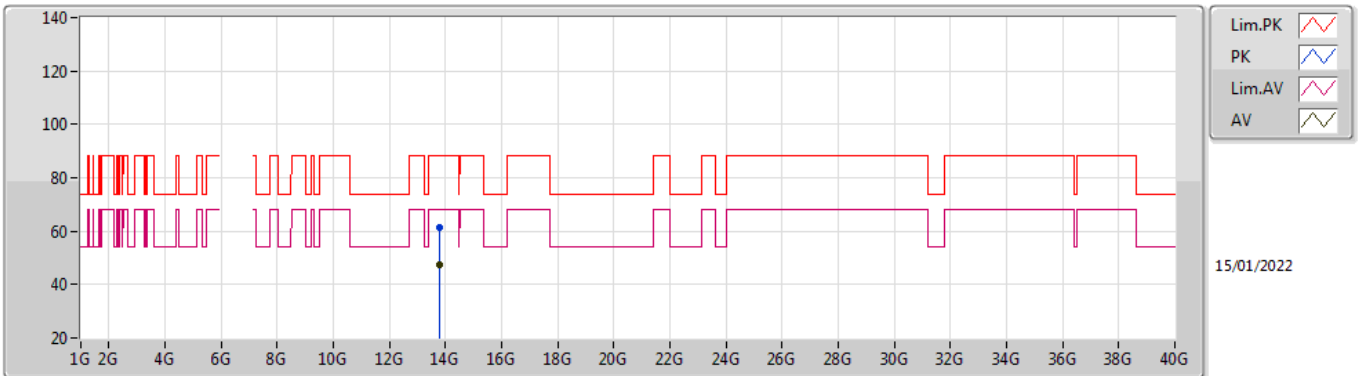


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.79324G	61.50	88.20	-26.70	41.89	3	Vertical	130	1.81	-	40.89	12.23	33.51
RMS	13.77752G	47.39	68.20	-20.81	27.79	3	Vertical	130	1.81	-	40.88	12.22	33.50

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

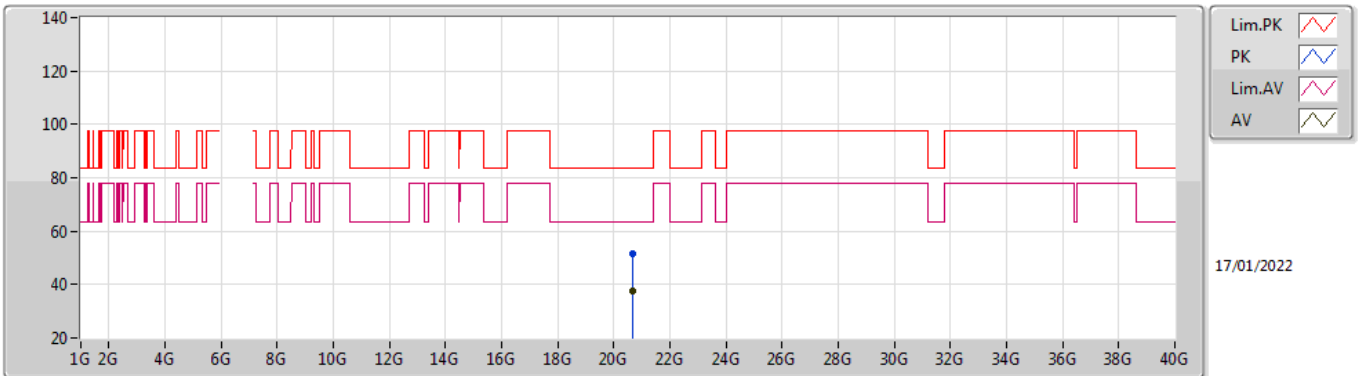


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	13.78592G	61.32	88.20	-26.88	41.71	3	Horizontal	291	2.64	-	40.89	12.23	33.51	
RMS	13.77782G	47.39	68.20	-20.81	27.79	3	Horizontal	291	2.64	-	40.88	12.22	33.50	

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

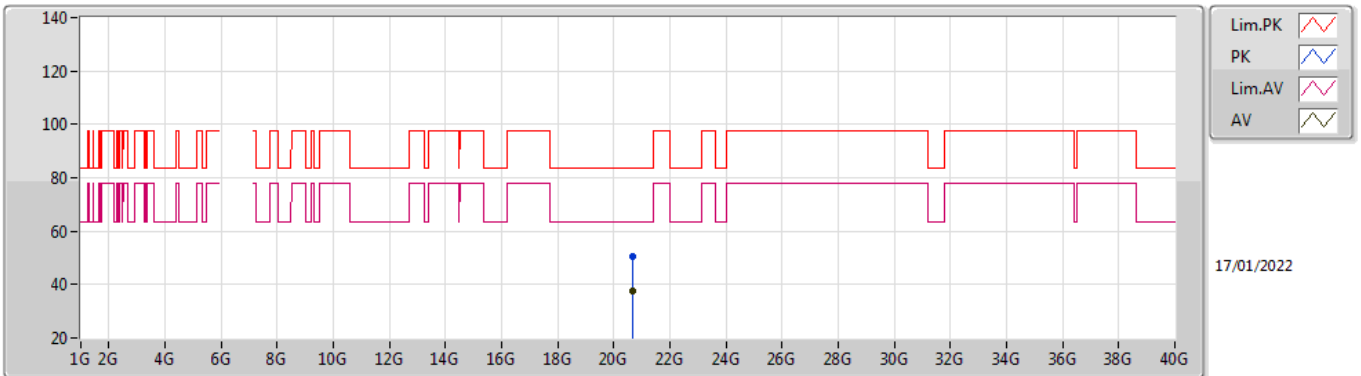


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.6825G	51.55	83.54	-31.99	47.65	1	Vertical	100	1.52	-	37.92	15.81	49.83
AV	20.68206G	37.63	63.54	-25.91	33.73	1	Vertical	100	1.52	-	37.92	15.81	49.83

802.11ax HEW20_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

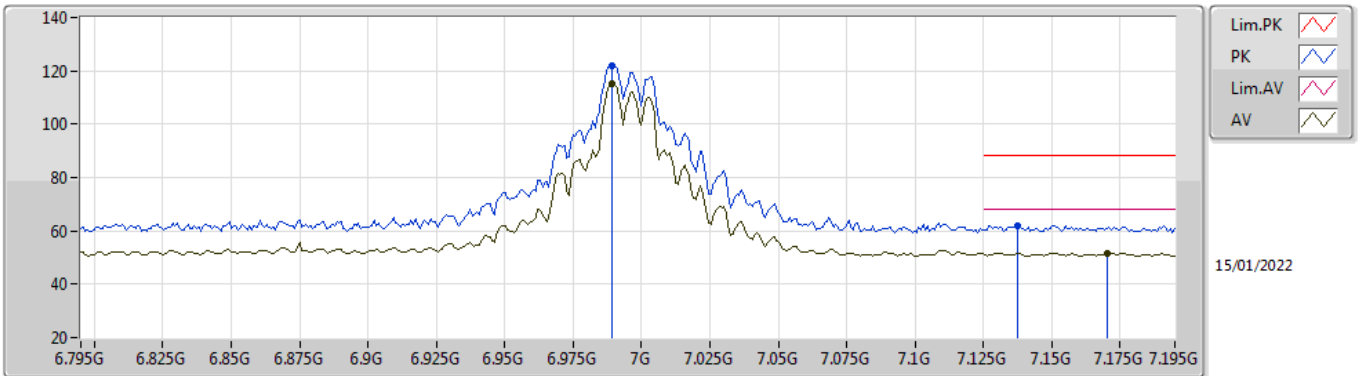


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.68284G	50.47	83.54	-33.07	46.57	1	Horizontal	129	1.56	-	37.92	15.81	49.83
AV	20.68536G	37.62	63.54	-25.92	33.72	1	Horizontal	129	1.56	-	37.92	15.81	49.83

802.11ax HEW20_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

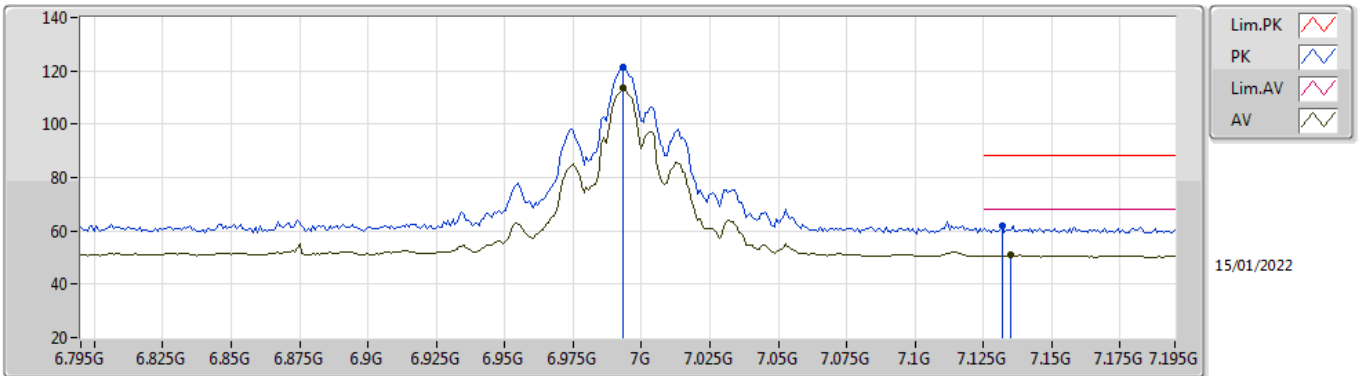


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	6.9894G	121.64	Inf	-Inf	113.20	3	Vertical	88	2.21	-	35.74	8.19	35.49	
RMS	6.9894G	115.25	Inf	-Inf	106.81	3	Vertical	88	2.21	-	35.74	8.19	35.49	
PK	7.1374G	62.12	88.20	-26.08	53.23	3	Vertical	88	2.21	-	36.22	8.20	35.53	
RMS	7.1702G	51.77	68.20	-16.43	42.72	3	Vertical	88	2.21	-	36.38	8.20	35.53	

802.11ax HEW20_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

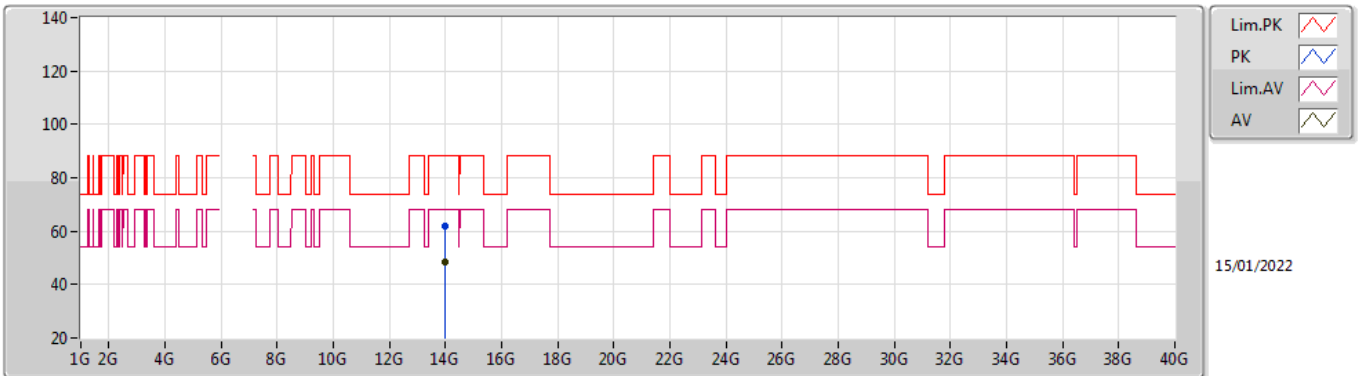


EUT_Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.9934G	121.44	Inf	-Inf	113.00	3	Horizontal	140	1.10	-	35.73	8.20	35.49
RMS	6.9934G	113.37	Inf	-Inf	104.93	3	Horizontal	140	1.10	-	35.73	8.20	35.49
PK	7.1318G	61.79	88.20	-26.41	52.92	3	Horizontal	140	1.10	-	36.19	8.20	35.52
RMS	7.135G	50.88	68.20	-17.32	42.00	3	Horizontal	140	1.10	-	36.21	8.20	35.53

802.11ax HEW20_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

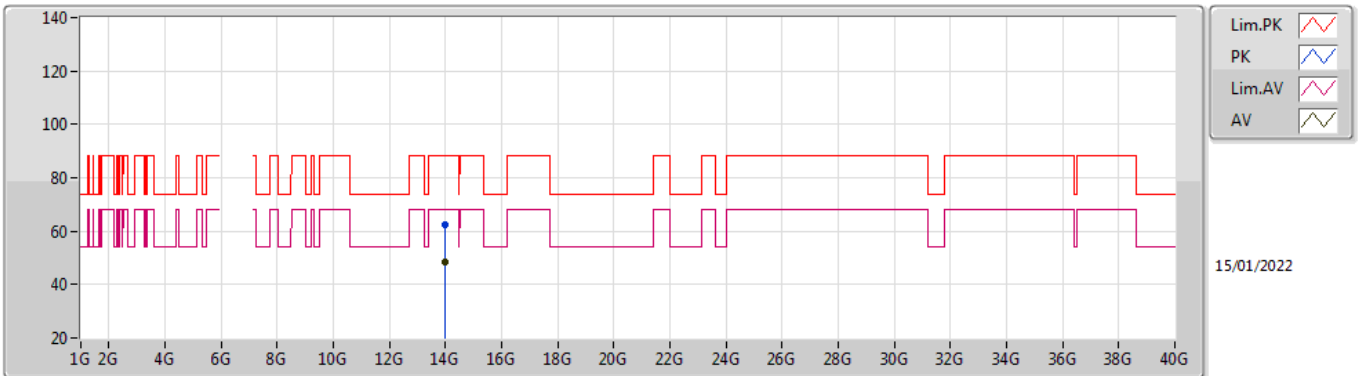


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.99978G	62.11	88.20	-26.09	41.99	3	Vertical	331	1.99	-	41.30	12.40	33.58
RMS	13.98358G	48.52	68.20	-19.68	28.43	3	Vertical	331	1.99	-	41.27	12.39	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

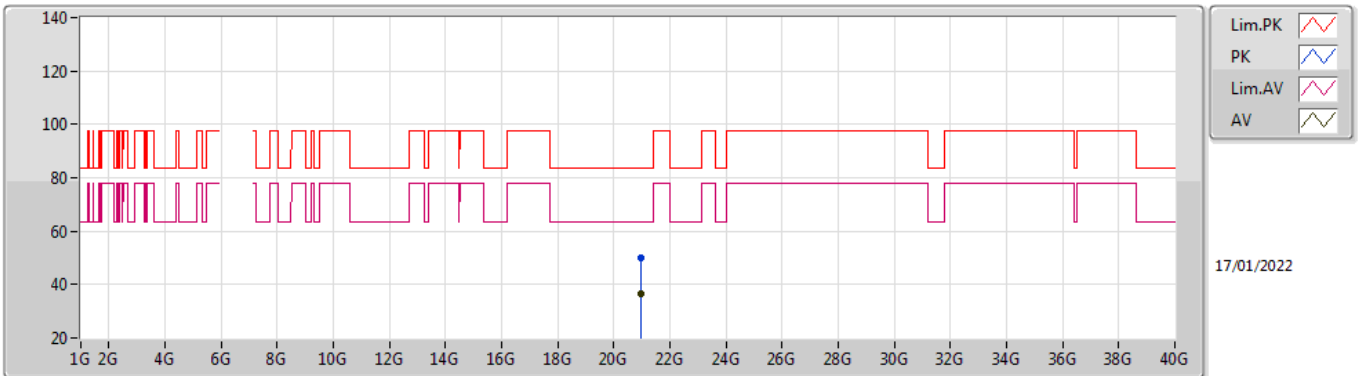


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.97734G	62.53	88.20	-25.67	42.47	3	Horizontal	121	2.45	-	41.25	12.38	33.57
RMS	13.9801G	48.51	68.20	-19.69	28.44	3	Horizontal	121	2.45	-	41.26	12.38	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

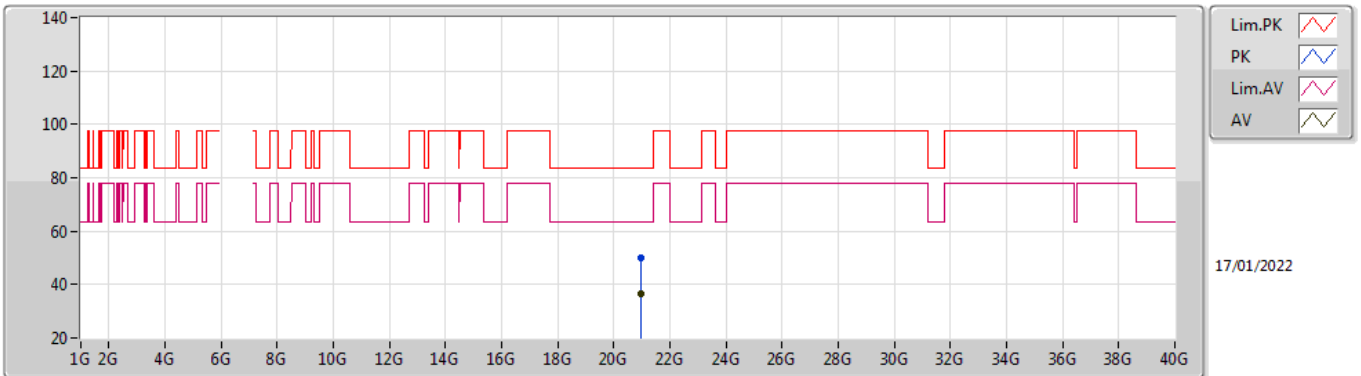


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.98922G	50.10	83.54	-33.44	46.23	1	Vertical	310	1.57	-	37.62	15.95	49.70
AV	20.98288G	36.62	63.54	-26.92	32.76	1	Vertical	310	1.57	-	37.63	15.94	49.71

802.11ax HEW20_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

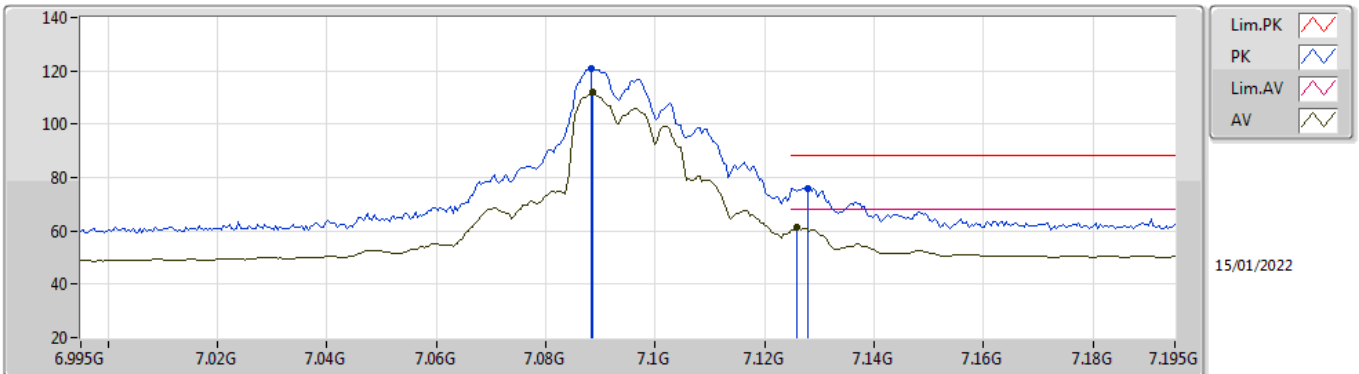


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.98952G	50.20	83.54	-33.34	46.33	1	Horizontal	360	1.54	-	37.62	15.95	49.70
AV	20.98276G	36.59	63.54	-26.95	32.73	1	Horizontal	360	1.54	-	37.63	15.94	49.71

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

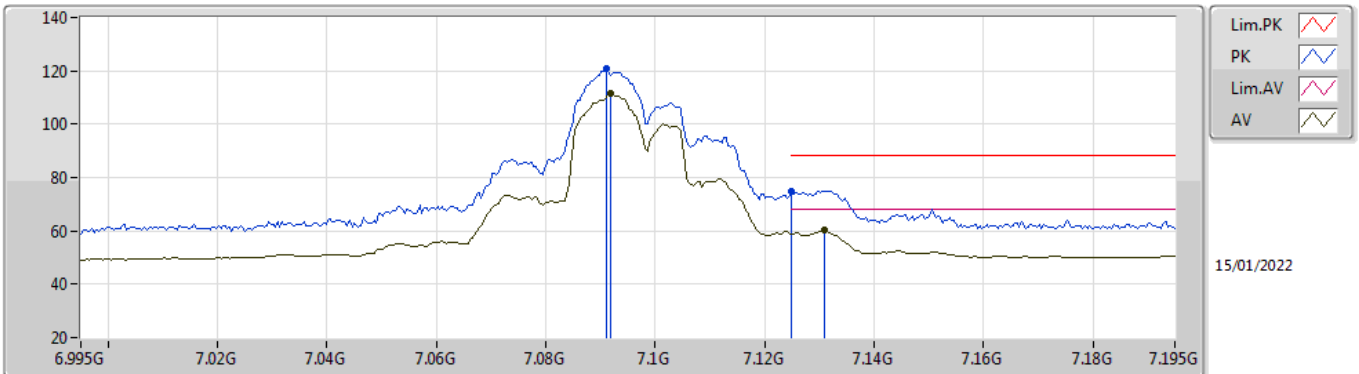


EUT Y_4TX
Setting 25
06-D-S-8-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	7.0882G	120.88	Inf	-Inf	111.93	3	Vertical	158	1.78	-	35.51	6.79	33.35	
RMS	7.0886G	111.93	Inf	-Inf	102.98	3	Vertical	158	1.78	-	35.51	6.79	33.35	
PK	7.1278G	75.89	88.20	-12.31	66.66	3	Vertical	158	1.78	-	35.77	6.83	33.37	
RMS	7.1258G	61.29	68.20	-6.91	52.08	3	Vertical	158	1.78	-	35.75	6.83	33.37	

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

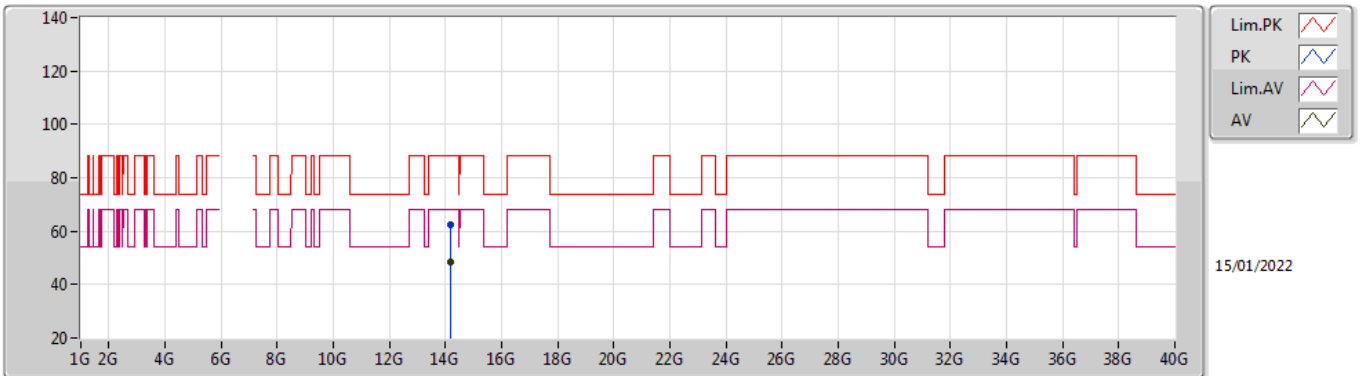


EUT Y_4TX
Setting 25
06-D-S-8-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	7.091G	120.74	Inf	-Inf	111.78	3	Horizontal	50	2.29	-	35.53	6.79	33.36
RMS	7.0918G	111.72	Inf	-Inf	102.76	3	Horizontal	50	2.29	-	35.53	6.79	33.36
PK	7.125G	74.79	88.20	-13.41	65.58	3	Horizontal	50	2.29	-	35.75	6.83	33.37
RMS	7.131G	60.35	68.20	-7.85	51.11	3	Horizontal	50	2.29	-	35.79	6.83	33.38

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

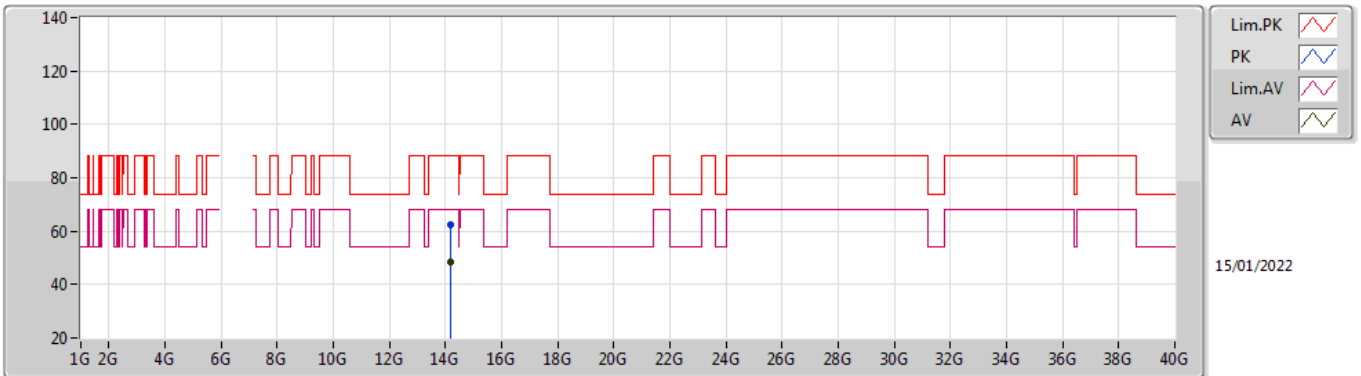


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	14.19492G	62.55	88.20	-25.65	42.25	3	Vertical	243	1.81	-	41.69	12.50	33.89
RMS	14.20038G	48.67	68.20	-19.53	28.37	3	Vertical	243	1.81	-	41.70	12.50	33.90

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

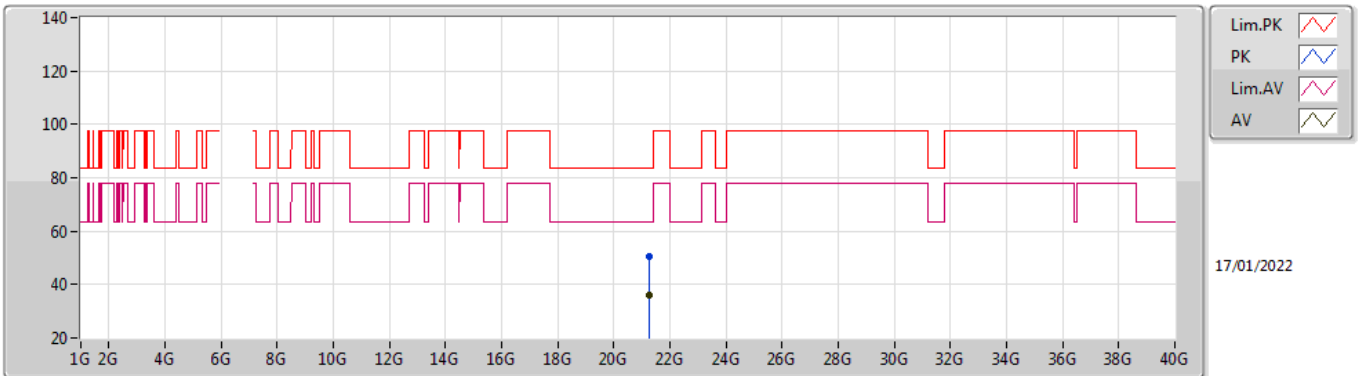


EUT Y_4TX
Setting 25
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	14.19006G	62.57	88.20	-25.63	42.27	3	Horizontal	177	1.90	-	41.68	12.50	33.88
RMS	14.1975G	48.63	68.20	-19.57	28.32	3	Horizontal	177	1.90	-	41.70	12.50	33.89

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

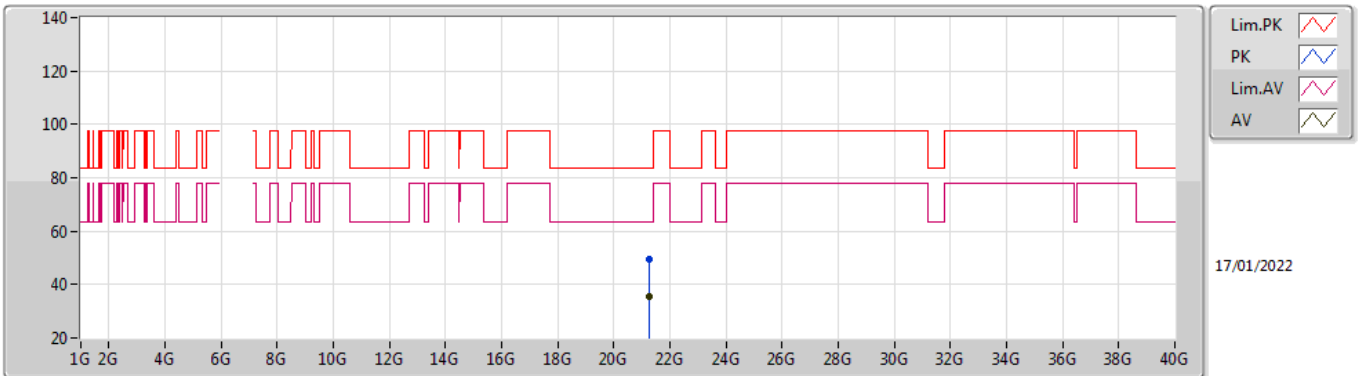


EUT Y_4TX
Setting 25
03-C-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	21.2832G	50.26	83.54	-33.28	47.30	1	Vertical	241	1.50	-	37.64	14.96	49.64
AV	21.2822G	35.78	63.54	-27.76	32.82	1	Vertical	241	1.50	-	37.64	14.96	49.64

802.11ax HEW20_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

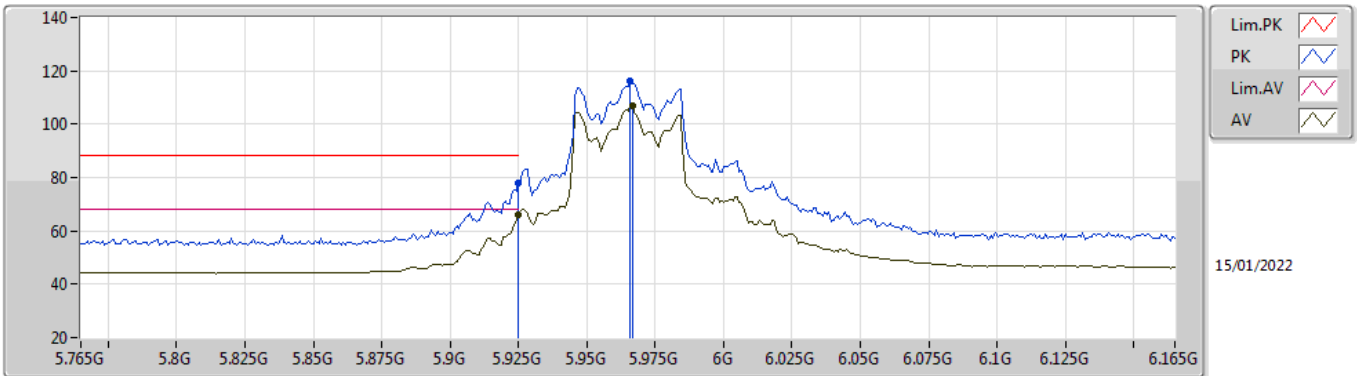


EUT Y_4TX
Setting 25
03-C-K-4

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	21.28272G	49.66	83.54	-33.88	46.70	1	Horizontal	37	1.54	-	37.64	14.96	49.64
AV	21.28226G	35.71	63.54	-27.83	32.75	1	Horizontal	37	1.54	-	37.64	14.96	49.64

802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

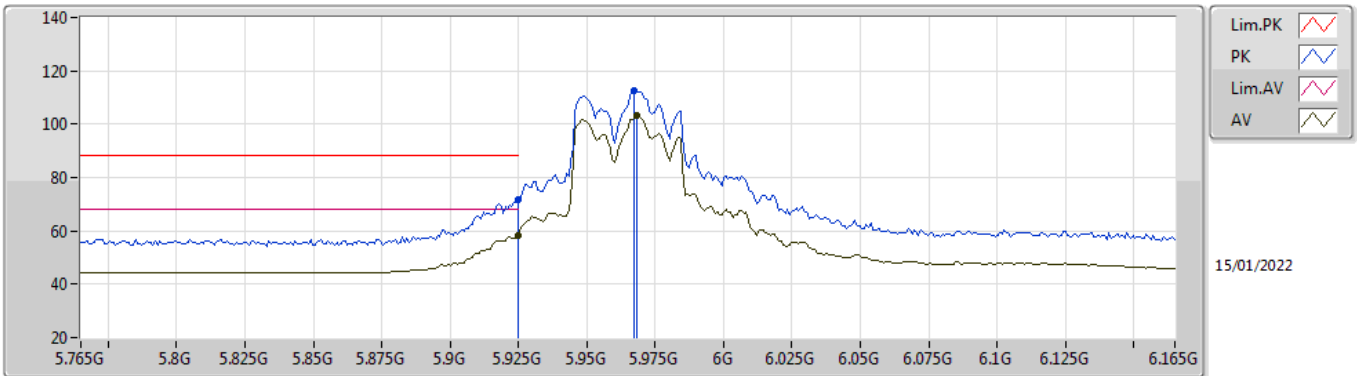


EUT Y_4TX
Setting 23
06-D-S-8-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.925G	77.80	88.20	-10.40	71.97	3	Vertical	20	2.43	-	32.15	6.06	32.38
RMS	5.925G	66.27	68.20	-1.93	60.44	3	Vertical	20	2.43	-	32.15	6.06	32.38
PK	5.9658G	116.44	Inf	-Inf	110.57	3	Vertical	20	2.43	-	32.20	6.08	32.41
RMS	5.9666G	106.89	Inf	-Inf	101.02	3	Vertical	20	2.43	-	32.20	6.08	32.41

802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

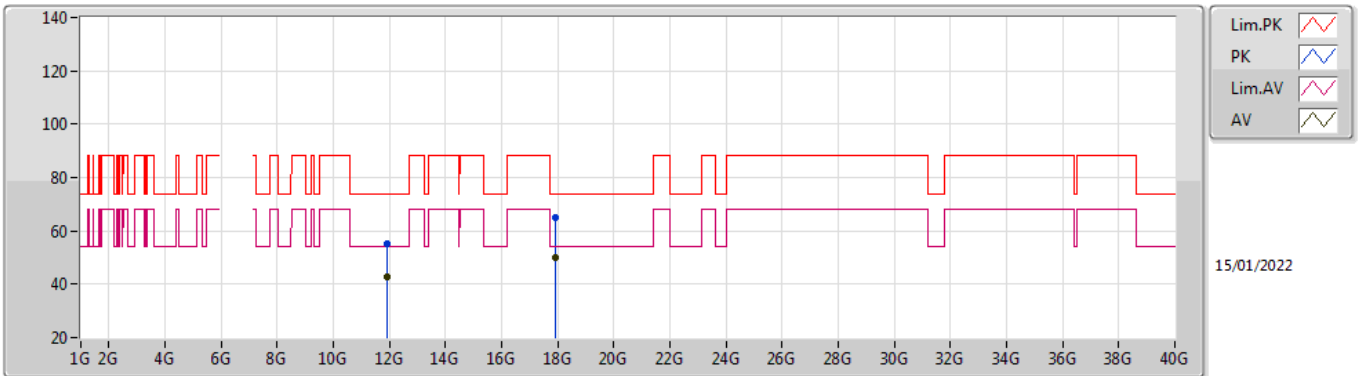


EUT Y_4TX
Setting 23
06-D-S-8-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.925G	71.80	88.20	-16.40	65.97	3	Horizontal	54	1.80	-	32.15	6.06	32.38	
RMS	5.925G	58.33	68.20	-9.87	52.50	3	Horizontal	54	1.80	-	32.15	6.06	32.38	
PK	5.9674G	112.69	Inf	-Inf	106.82	3	Horizontal	54	1.80	-	32.20	6.08	32.41	
RMS	5.9682G	103.13	Inf	-Inf	97.26	3	Horizontal	54	1.80	-	32.20	6.08	32.41	

802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

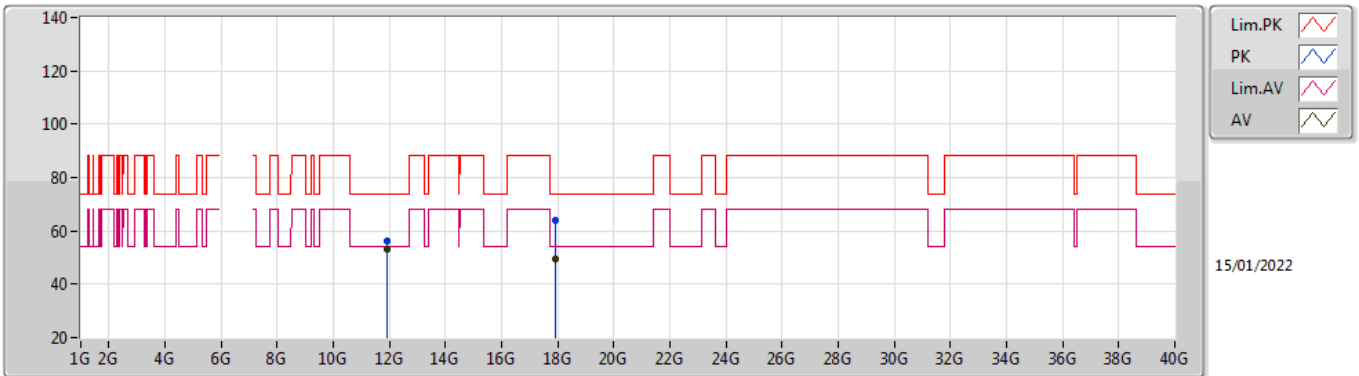


EUT Y_4TX
Setting 23
03-C-L-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.9274G	55.24	74.00	-18.76	40.47	3	Vertical	265	2.30	-	39.50	10.78	35.51	
AV	11.93004G	42.94	54.00	-11.06	28.17	3	Vertical	265	2.30	-	39.50	10.78	35.51	
PK	17.89538G	64.82	74.00	-9.18	39.99	3	Vertical	-0	1.80	-	44.80	14.73	34.70	
AV	17.8947G	49.77	54.00	-4.23	24.95	3	Vertical	-0	1.80	-	44.79	14.73	34.70	

802.11ax HEW40_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

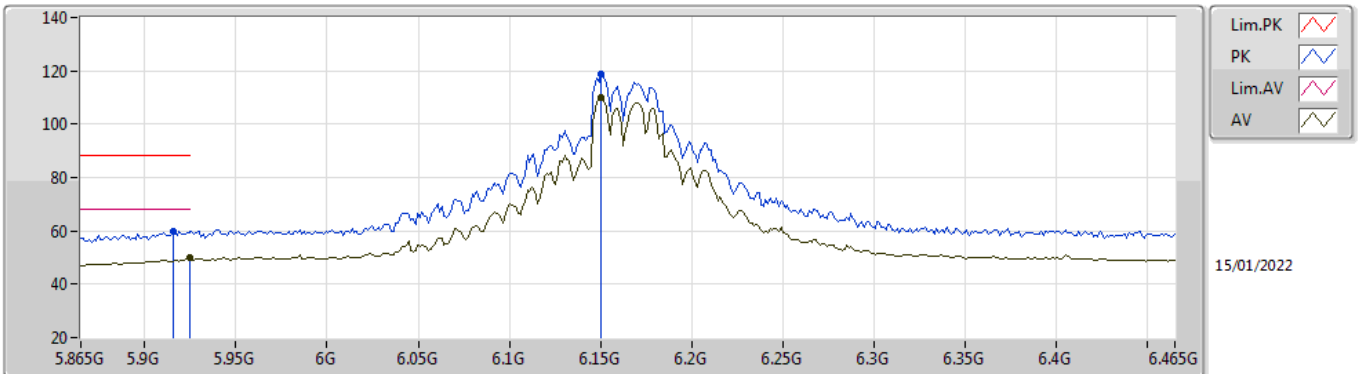


EUT Y_4TX
Setting 23
06-D-S-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.93012G	56.35	74.00	-17.65	42.16	3	Horizontal	60	1.55	-	38.66	9.76	34.23
AV	11.93G	53.36	54.00	-0.64	39.17	3	Horizontal	60	1.55	-	38.66	9.76	34.23
PK	17.90574G	63.89	74.00	-10.11	35.81	3	Horizontal	323	1.80	-	48.08	14.79	34.79
AV	17.90976G	49.74	54.00	-4.26	21.53	3	Horizontal	323	1.80	-	48.20	14.80	34.79

802.11ax HEW40_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

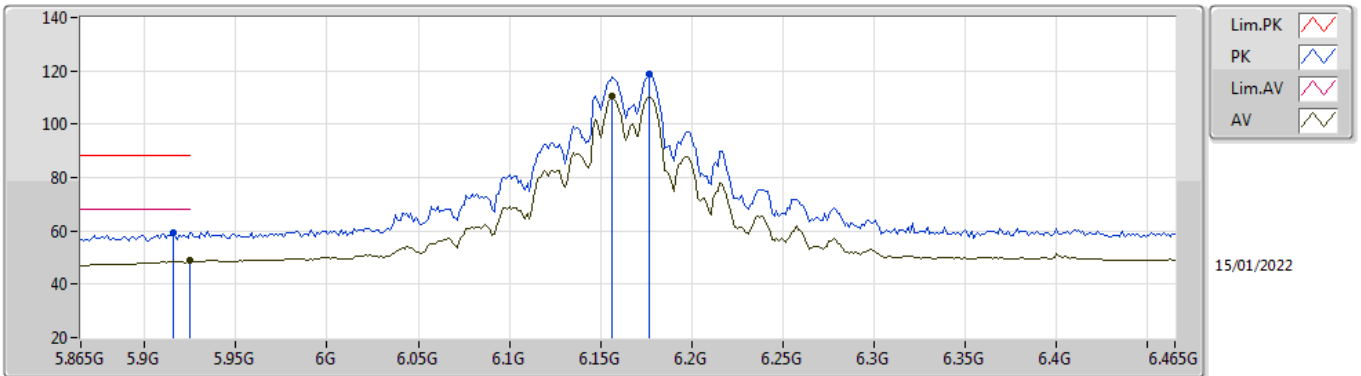


EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9154G	60.01	88.20	-28.19	53.38	3	Vertical	82	1.95	-	34.67	7.52	35.56	
RMS	5.925G	50.16	68.20	-18.04	43.54	3	Vertical	82	1.95	-	34.65	7.53	35.56	
PK	6.1506G	118.84	Inf	-Inf	111.45	3	Vertical	82	1.95	-	35.10	7.83	35.54	
RMS	6.1506G	110.17	Inf	-Inf	102.78	3	Vertical	82	1.95	-	35.10	7.83	35.54	

802.11ax HEW40_Nss1,(MCS0)_4TX

6165MHz_TnomVnom



EUT Y_4TX
Setting 25
03-C-L-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.9154G	59.31	88.20	-28.89	52.68	3	Horizontal	141	1.78	-	34.67	7.52	35.56	
RMS	5.925G	48.71	68.20	-19.49	42.09	3	Horizontal	141	1.78	-	34.65	7.53	35.56	
PK	6.177G	118.55	Inf	-Inf	111.06	3	Horizontal	141	1.78	-	35.15	7.87	35.53	
RMS	6.1566G	110.28	Inf	-Inf	102.88	3	Horizontal	141	1.78	-	35.11	7.83	35.54	