

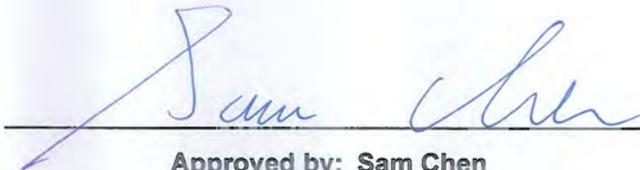


# RADIO TEST REPORT

**FCC ID** : MSQ-RTAXIC00  
**Equipment** : AXE6600 Tri Band WiFi Router  
**Brand Name** : ASUS  
**Model Name** : ET8, ZenWiFi ET8, ASUS ZenWiFi ET8  
**Applicant** : ASUSTeK COMPUTER INC.  
1F., No. 15, Lide Rd., Beitou, Taipei 112, Taiwan  
**Manufacturer (1)** : Compal Networking (KunShan) Co., LTD.  
No. 520, Nanbang Rd., Economic & Technical  
Development Zone Kunshan, Jiangsu Province China  
**Manufacturer (2)** : ARCADYAN TECHNOLOGY (VIETNAM) CO., LTD.  
Ba Thien Industrial Park, Ba Hien commune, Binh Xuyen  
district, Vinh Phuc Province  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Jan. 27, 2021, and testing was started from Jan. 27, 2021 and completed on Mar. 08, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**  
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



## Table of Contents

**History of this test report.....3**

**Summary of Test Result.....4**

**1 General Description .....5**

1.1 Information.....5

1.2 Applicable Standards .....9

1.3 Testing Location Information .....9

1.4 Measurement Uncertainty .....10

**2 Test Configuration of EUT .....11**

2.1 Test Channel Mode .....11

2.2 The Worst Case Measurement Configuration .....16

2.3 EUT Operation during Test .....18

2.4 Accessories .....18

2.5 Support Equipment.....19

2.6 Test Setup Diagram .....20

**3 Transmitter Test Result .....24**

3.1 AC Power-line Conducted Emissions .....24

3.2 Emission Bandwidth .....26

3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) .....27

3.4 Peak Power Spectral Density (E.I.R.P.) .....30

3.5 Unwanted Emissions.....33

3.6 Contention Based Protocol.....38

**4 Test Equipment and Calibration Data .....39**

**Appendix A. Test Results of AC Power-line Conducted Emissions**

**Appendix B. Test Results of Emission Bandwidth**

**Appendix C. Test Results of Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)**

**Appendix D. Test Results of Peak Power Spectral Density (E.I.R.P.)**

**Appendix E. Test Results of Unwanted Emissions**

**Appendix F. Test Results of Contention-Based Protocol**

**Appendix G. Test Photos**

**Photographs of EUT v01**





## Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
0	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-

**Declaration of Conformity:**

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

**Comments and Explanations:**

The 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: Cindy Peng**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

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

**Note:**

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



**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Type	Connector	Gain (dBi)	Remark
1	1	M.gear	C660-510551-A	Dipole	I-PEX	Note1	WLAN 2.4GHz and 5GHz UNII 1, 3
2	2	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 2.4GHz and 5GHz UNII 1, 3
3	1	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
4	2	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
5	3	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
6	4	M.gear	C660-510551-A	Dipole	I-PEX		WLAN 6GHz UNII 5~8
7	1	Yageo	ANT3216A063R2400A	Chip	N/A	1.69	Bluetooth

Note1:

Ant.	Port	Function	Gain (dBi)		
			CDD	Beamforming: Nss1	Beamforming: Nss2
1~2	1~2	WLAN 2.4GHz	1.82	4.81	-
1~2	1~2	WLAN 5GHz UNII 1	2.31	5.30	-
1~2	1~2	WLAN 5GHz UNII 3	2.21	5.20	-
3~6	1~4	WLAN 6GHz UNII 5	1.74	7.75	4.75
3~6	1~4	WLAN 6GHz UNII 6	0.98	6.21	3.82
3~6	1~4	WLAN 6GHz UNII 7	0.50	6.16	3.32
3~6	1~4	WLAN 6GHz UNII 8	0.35	5.97	3.21

Note2: The above information was declared by manufacturer.

**For WLAN 2.4GHz function, 802.11 b/g/n/VHT/ax mode (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.  
Port 1 and Port 2 could transmit/receive simultaneously.

**For WLAN 5GHz UNII 1, 3 function, 802.11a/n/ac/ax mode (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.  
Port 1 and Port 2 could transmit/receive simultaneously.

**For WLAN 6GHz UNII 5~8 function, 802.11ax mode (4TX/4RX):**

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

**For Bluetooth function (1TX/1RX):**

Only Port 1 can be use as transmit and receive antenna.



**1.1.3 Mode Test Duty Cycle**

For non-beamforming mode:

**Nss4**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW160	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)

For beamforming mode:

**Nss1**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.957	0.19	2.926m	1k
802.11ax HEW40-BF	0.967	0.15	4.358m	300
802.11ax HEW80-BF	0.964	0.16	4.142m	300
802.11ax HEW160-BF	0.971	0.13	5.16m	300

**Nss2**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.967	0.15	4.365m	300
802.11ax HEW40-BF	0.972	0.12	5.082m	300
802.11ax HEW80-BF	0.966	0.15	5.196m	300
802.11ax HEW160-BF	0.97	0.13	5.167m	300

Note:

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

**1.1.4 EUT Operational Condition**

<b>EUT Power Type</b>	From power adapter			
<b>Beamforming Function</b>	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	For 802.11n/ax/VHT in 2.4GHz, 802.11n/ac/ax in 5GHz and 802.11ax in 6GHz.			
<b>Device Type</b>	<input checked="" type="checkbox"/>	Indoor Access Point	<input type="checkbox"/>	Subordinate
	<input type="checkbox"/>	Indoor Client	<input type="checkbox"/>	Standard Power Access Point
	<input type="checkbox"/>	Dual Client	<input type="checkbox"/>	Standard Client
	<input type="checkbox"/>	Fixed Client		
<b>Test Software Version</b>	For non-beamforming mode: Mtool V3.2.1.1			
	For beamforming mode: DOS[ver 17.10.157.23]			
<b>Software / Firmware Version for Contention-Based Protocol</b>	3.0.0.4.386_42188-gef86700			

Note: The above information was declared by manufacturer.



### 1.1.5 Table for Multiple Listing

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

Model Name	Description
ET8	All the model names are identical, the different model names served as marketing strategy.
ZenWiFi ET8	
ASUS ZenWiFi ET8	

Note1: From the above models, model: ET8 was selected as representative model for the test and its data was recorded in this report.

Note2: The above information was declared by manufacturer.

### 1.1.6 Table for EUT supports functions

Function	Support Type	WLAN 6G Function
AP Router	Master	V
Bridge	Slave without radar detection	N/A
Repeater	Master	N/A
Mesh	Master	V

Note: For AC power-line conducted emissions test: After evaluating, there is only AP Router was selected to test and record in the report.



### 1.2 Applicable Standards

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

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

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

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

### 1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW0006 with FCC.
	Test site registered number IC 4086D with Industry Canada.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Other test)	TH01-CB	Serway Li	22.6~23.2 / 62~64	Feb. 02, 2021~Mar. 08, 2021
RF Conducted (Contention-Based Protocol test)	DF02-CB	Jeff Wu	20.1~22.2 / 57~60	Feb. 17, 2021
Radiated Below 1GHz	03CH06-CB	Stim Sung	20.5~21.8 / 55~58	Jan. 27, 2021~Mar. 08, 2021
Radiated Intentional 1GHz~10 <sup>th</sup> Harmonic	03CH06-CB	Stim Sung	20.4~21.4 / 55~57	Jan. 27, 2021~Mar. 08, 2021
AC Conduction	CO02-CB	Max Lin	22~23 / 57~58	Feb. 03, 2021



## 1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

For non-beamforming mode:

#### Nss4

802.11ax HEW160_Nss4,(MCS0)_4TX	-
6185MHz	88
6345MHz	87
6505MHz Straddle 6.425-6.525GHz	85
6505MHz Straddle 6.525-6.875GHz	85
6665MHz	87
6825MHz Straddle 6.525-6.875GHz	83
6825MHz Straddle 6.875-7.125GHz	83
6985MHz	82



For beamforming mode:

**Nss1**

Mode	PowerSetting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
6115MHz	32
6255MHz	25
6415MHz	31
6435MHz	30
6475MHz	30
6515MHz	30
6535MHz	29
6695MHz	27
6855MHz	29
6875MHz Straddle 6.525-6.875GHz	29
6875MHz Straddle 6.875-7.125GHz	
6895MHz	28
7015MHz	30
7095MHz	27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
6125MHz	39
6245MHz	38
6405MHz	42
6445MHz	40
6485MHz	41
6525MHz Straddle 6.425-6.525GHz	41
6525MHz Straddle 6.525-6.875GHz	
6565MHz	40
6685MHz	40
6845MHz	40
6885MHz Straddle 6.525-6.875GHz	39
6885MHz Straddle 6.875-7.125GHz	
6925MHz	39
7005MHz	39
7085MHz	37
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
6145MHz	57
6225MHz	53
6385MHz	57
6465MHz	56
6545MHz Straddle 6.425-6.525GHz	56
6545MHz Straddle 6.525-6.875GHz	



<b>Mode</b>	<b>PowerSetting</b>
6625MHz	56
6705MHz	53
6785MHz	53
6865MHz Straddle 6.525-6.875GHz	53
6865MHz Straddle 6.875-7.125GHz	
6945MHz	51
7025MHz	54
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6025MHz	
6185MHz	67
6345MHz	65
6505MHz Straddle 6.425-6.525GHz	64
6505MHz Straddle 6.525-6.875GHz	
6665MHz	63
6825MHz Straddle 6.525-6.875GHz	64
6825MHz Straddle 6.875-7.125GHz	
6985MHz	64



**Nss2**

Mode	PowerSetting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
6115MHz	43
6255MHz	41
6415MHz	40
6435MHz	40
6475MHz	40
6515MHz	43
6535MHz	40
6695MHz	42
6855MHz	40
6875MHz Straddle 6.525-6.875GHz	40
6875MHz Straddle 6.875-7.125GHz	
6895MHz	40
7015MHz	40
7095MHz	37
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
6125MHz	51
6245MHz	48
6405MHz	54
6445MHz	51
6485MHz	53
6525MHz Straddle 6.425-6.525GHz	49
6525MHz Straddle 6.525-6.875GHz	
6565MHz	52
6685MHz	51
6845MHz	48
6885MHz Straddle 6.525-6.875GHz	49
6885MHz Straddle 6.875-7.125GHz	
6925MHz	49
7005MHz	51
7085MHz	46
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
6145MHz	66
6225MHz	63
6385MHz	69
6465MHz	68
6545MHz Straddle 6.425-6.525GHz	65
6545MHz Straddle 6.525-6.875GHz	
6625MHz	66



<b>Mode</b>	<b>PowerSetting</b>
6705MHz	61
6785MHz	65
6865MHz Straddle 6.525-6.875GHz	63
6865MHz Straddle 6.875-7.125GHz	
6945MHz	62
7025MHz	60
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-
6025MHz	
6185MHz	80
6345MHz	78
6505MHz Straddle 6.425-6.525GHz	80
6505MHz Straddle 6.525-6.875GHz	
6665MHz	80
6825MHz Straddle 6.525-6.875GHz	78
6825MHz Straddle 6.875-7.125GHz	
6985MHz	75



## 2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	AC power-line conducted emissions
<b>Condition</b>	AC power-line conducted measurement for line and neutral
<b>Operating Mode</b>	Normal Link
1	AP Router mode – EUT + adapter 1
2	AP Router mode – EUT + adapter 3
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Emission Bandwidth Contention Based Protocol
<b>Test Condition</b>	Conducted measurement at transmit chains
<b>Operating Mode</b>	
1	Non-beamforming mode: Nss4
2	Beamforming mode: Nss1
3	Beamforming mode: Nss2

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	
1	Non-beamforming mode: Nss4
2	Beamforming mode: Nss1
3	Beamforming mode: Nss2



<b>The Worst Case Mode for Following Conformance Tests</b>	
<b>Tests Item</b>	Unwanted Emissions
<b>Test Condition</b>	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.
<b>Operating Mode &lt; 1GHz</b>	CTX
1	WLAN 2.4GHz – EUT + adapter 1
2	WLAN 2.4GHz – EUT + adapter 3
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~5 will follow this same test mode.	
3	WLAN 5GHz UNII 1, 3 – EUT + adapter 3
4	WLAN 6GHz UNII 5~8 – EUT + adapter 3
5	Bluetooth – EUT + adapter 3
For operating mode 2 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX
1	Non-beamforming mode: Nss4
2	Beamforming mode: Nss1
3	Beamforming mode: Nss2

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

<b>The Worst Case Mode for Following Conformance Tests</b>	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
<b>Operating Mode</b>	
1	WLAN 2.4GHz + WLAN 5GHz UNII 1, 3 + WLAN 6GHz UNII 5~8 + Bluetooth
Refer to Sporton Test Report No.: FA0D0913 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used at Y axis position.



### 2.3 EUT Operation during Test

For CTX Mode:

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS[ver 17.10.157.23].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

### 2.4 Accessories

Accessories				
No.	Power	Brand Name	Model Name	Rating
1	Adapter 1	DELTA	ADP-33AW Y	INPUT: 100-240V ~ 1.0A, 50-60Hz OUTPUT: 19.0V, 1.75A, 33.0W
2	Adapter 2	DELTA	ADP-33AW Y	INPUT: 100-240V ~ 1.0A, 50-60Hz OUTPUT: 19.0V, 1.75A, 33.0W
3	Adapter 3	PI	AD2131320	INPUT: 100-240V ~ 50/60Hz, 0.8A OUTPUT: 19.0V, 1.75A, 33.0W
4	Adapter 4	PI	AD2131320	INPUT: 100-240V ~ 50/60Hz, 0.8A OUTPUT: 19.0V, 1.75A, 33.0W
No.	Others			
5	RJ-45 cable*1, Non-shielded, 1.5m			



## 2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN1 NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	2.5G WAN PC	DELL	T3400	N/A
E	LAN3 NB	DELL	E6430	N/A
F	HDD3.0	Transcend	TS1TSJ25A3K	N/A
G	6E Device	ASUS	ZenWiFi ET8 (FCC)	N/A
H	6E Device NB	DELL	E6430	N/A

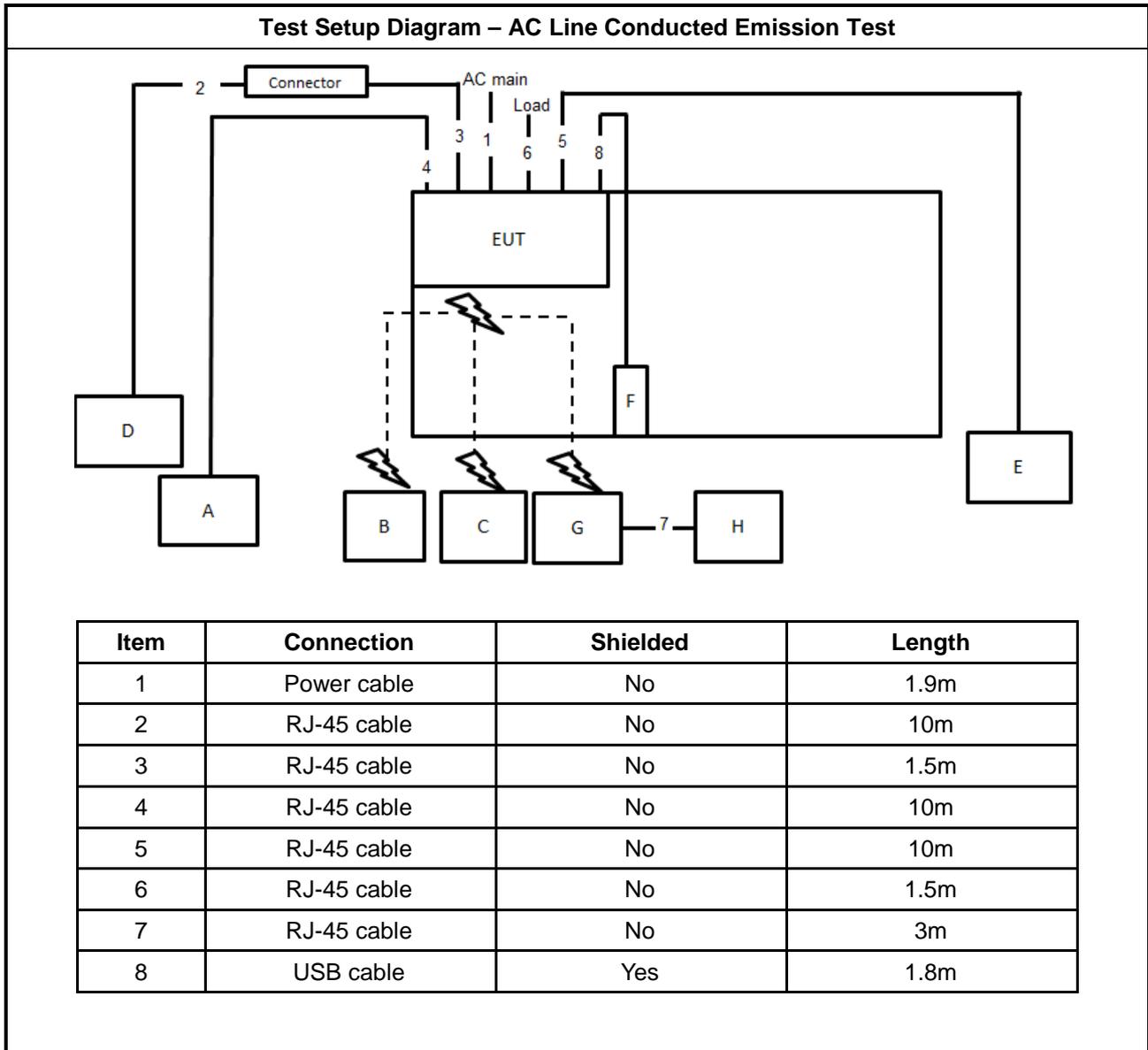
For RF Conducted (Others test), Radiated (below 1GHz) and Radiated (above 1GHz) - Non-beamforming mode:

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

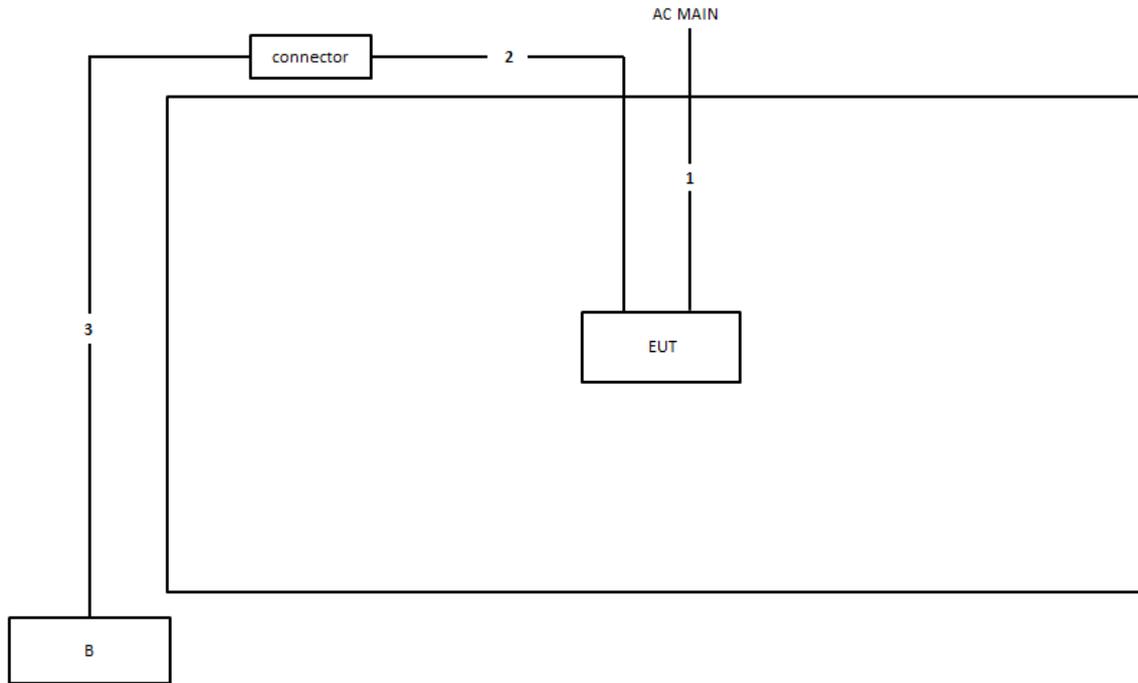
For RF Conducted (Contention-Based Protocol test) and Radiated (above 1GHz) - Beamforming mode:

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

## 2.6 Test Setup Diagram



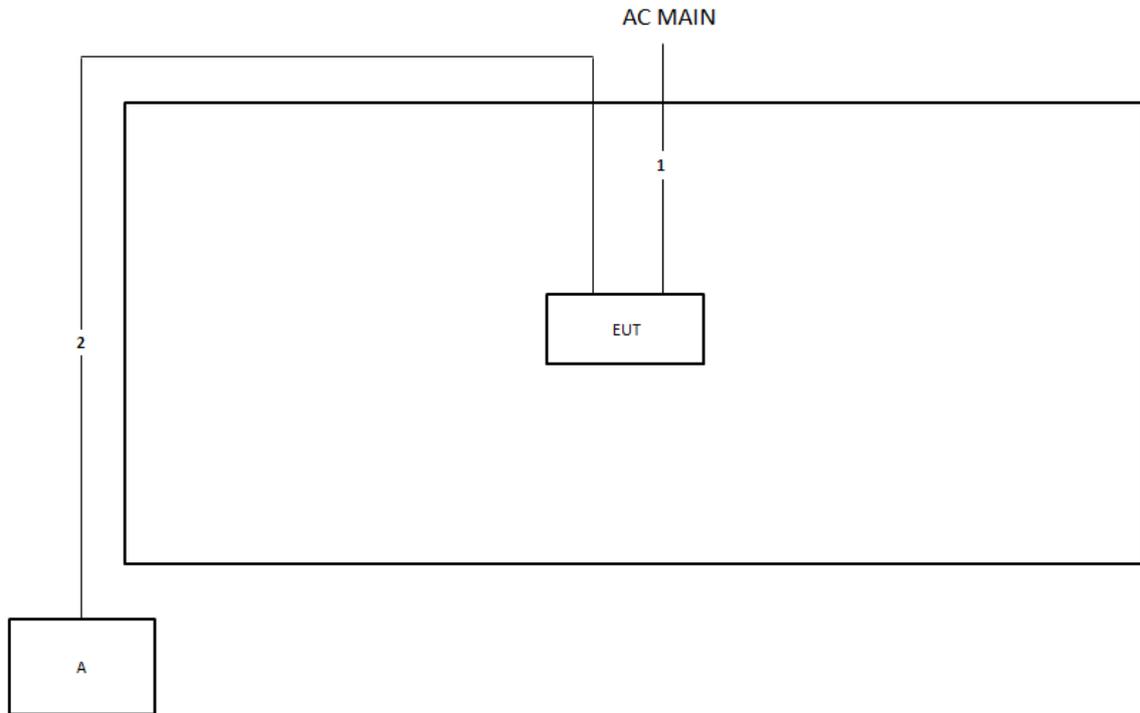
**Test Setup Diagram - Radiated Test < 1GHz**



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

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

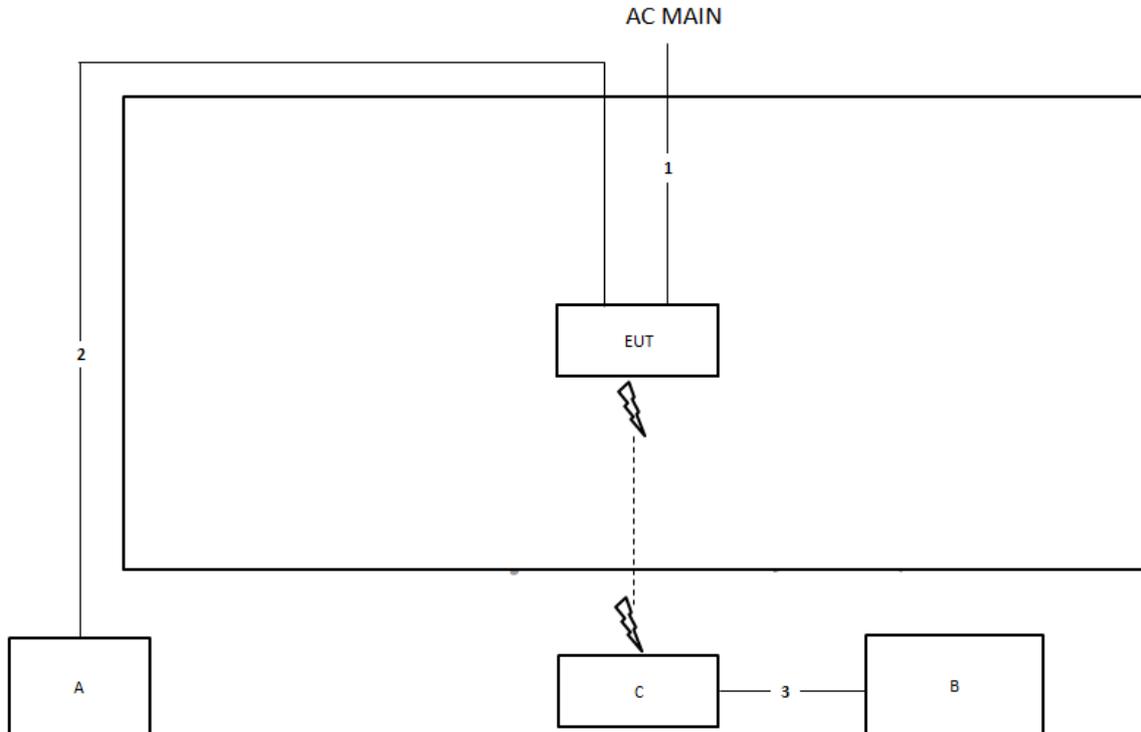
For non-beamforming mode:



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	RJ-45 cable	No	10m

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

For beamforming mode:



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m



### 3 Transmitter Test Result

#### 3.1 AC Power-line Conducted Emissions

##### 3.1.1 AC Power-line Conducted Emissions Limit

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

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

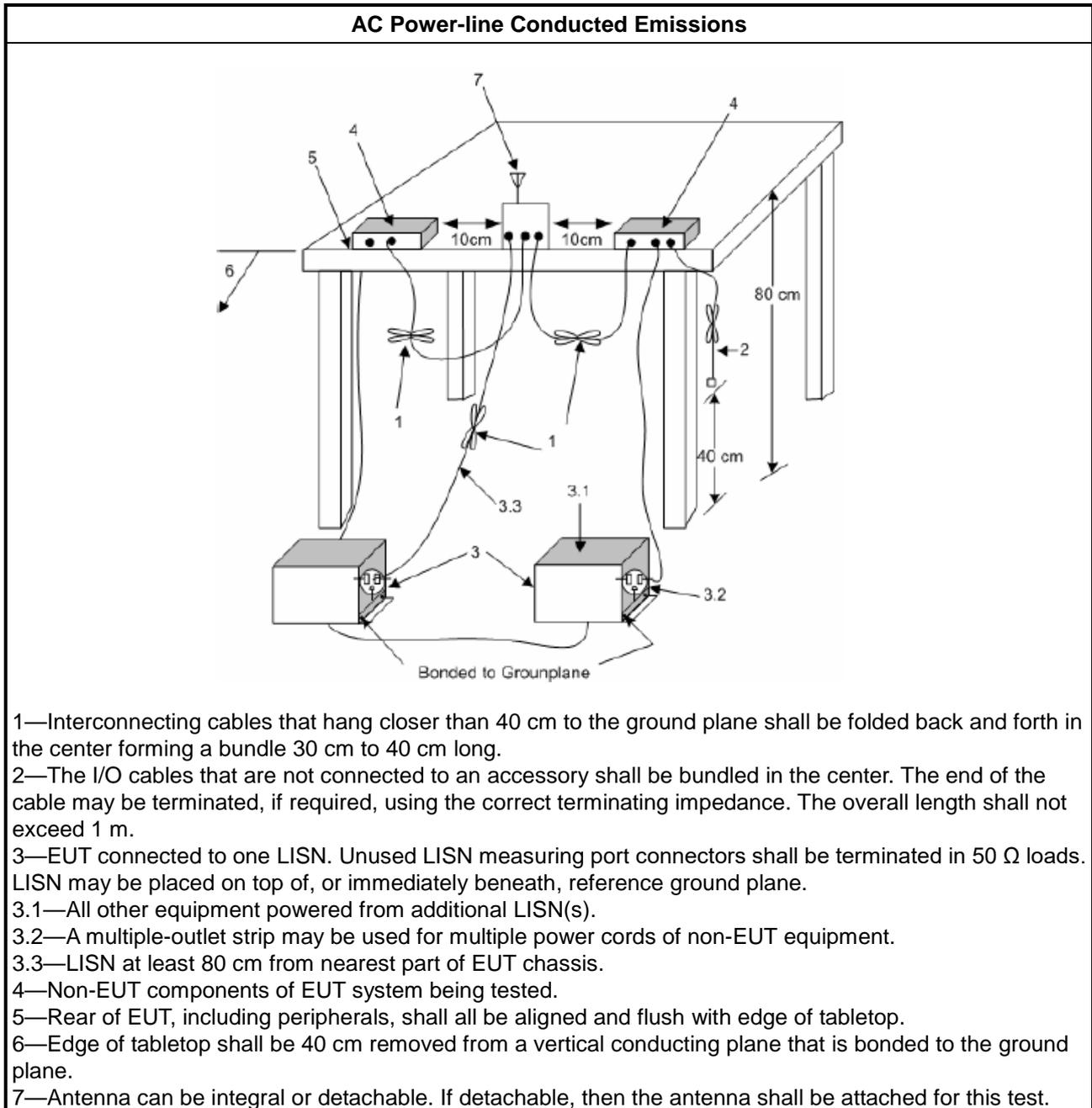
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> 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. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- b. Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

### 3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

### 3.2 Emission Bandwidth

#### 3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6875-7125 GHz band, N/A

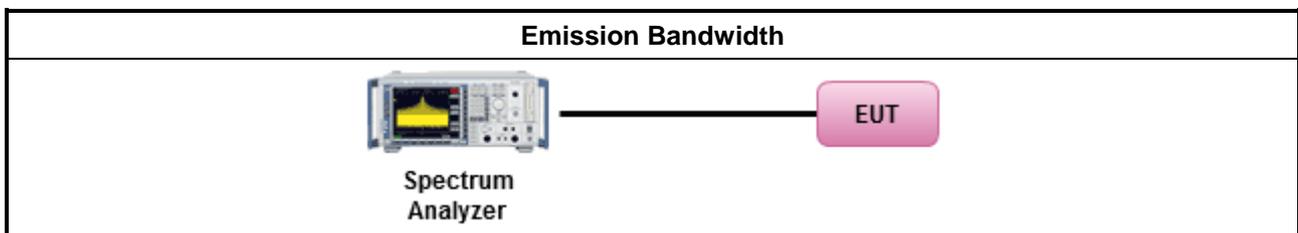
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied 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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5.925 ~ 6.425 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For standard power access point and fixed client device : e.i.r.p &lt; 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).</li> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For subordinate device control of an indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of a standard power access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<input checked="" type="checkbox"/>	For the 6.425 ~ 6.525 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<input checked="" type="checkbox"/>	For the 6.525 ~ 6.875 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For standard power access point and fixed client device : e.i.r.p &lt; 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).</li> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For subordinate device control of an indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of a standard power access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<input checked="" type="checkbox"/>	For the 6.875 ~ 7.125 GHz band:
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>



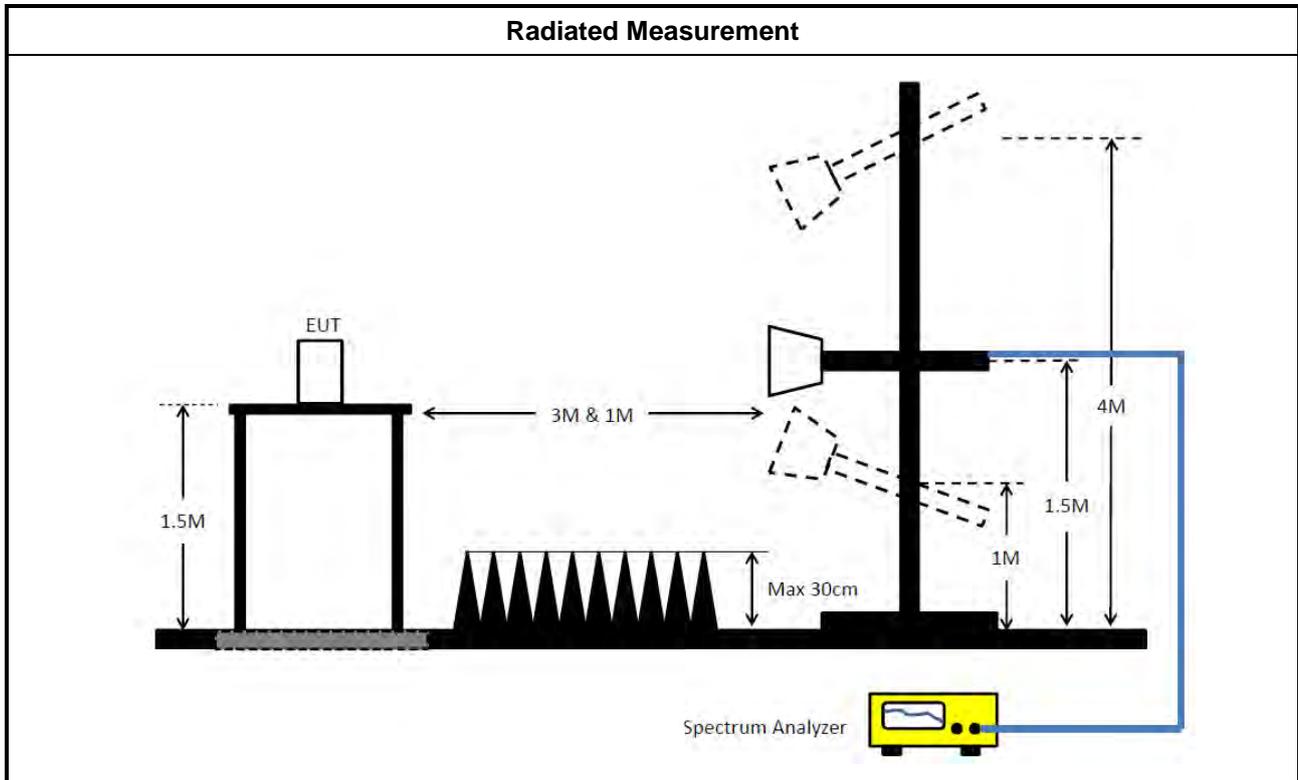
**3.3.2 Measuring Instruments**

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

**3.3.3 Test Procedures**

<b>Test Method</b>	
<ul style="list-style-type: none"> <li>▪ Maximum Conducted Output Power</li> </ul>	
Average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
<input type="checkbox"/>	For conducted measurement.
<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>            (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>	
<input checked="" type="checkbox"/>	For radiated measurement.
<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>	

**3.3.4 Test Setup**



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

Refer as Appendix C



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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> 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.
<input checked="" type="checkbox"/> 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.
<input checked="" type="checkbox"/> 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.
<input checked="" type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
	▪ For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
	▪ For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.

#### 3.4.2 Measuring Instruments

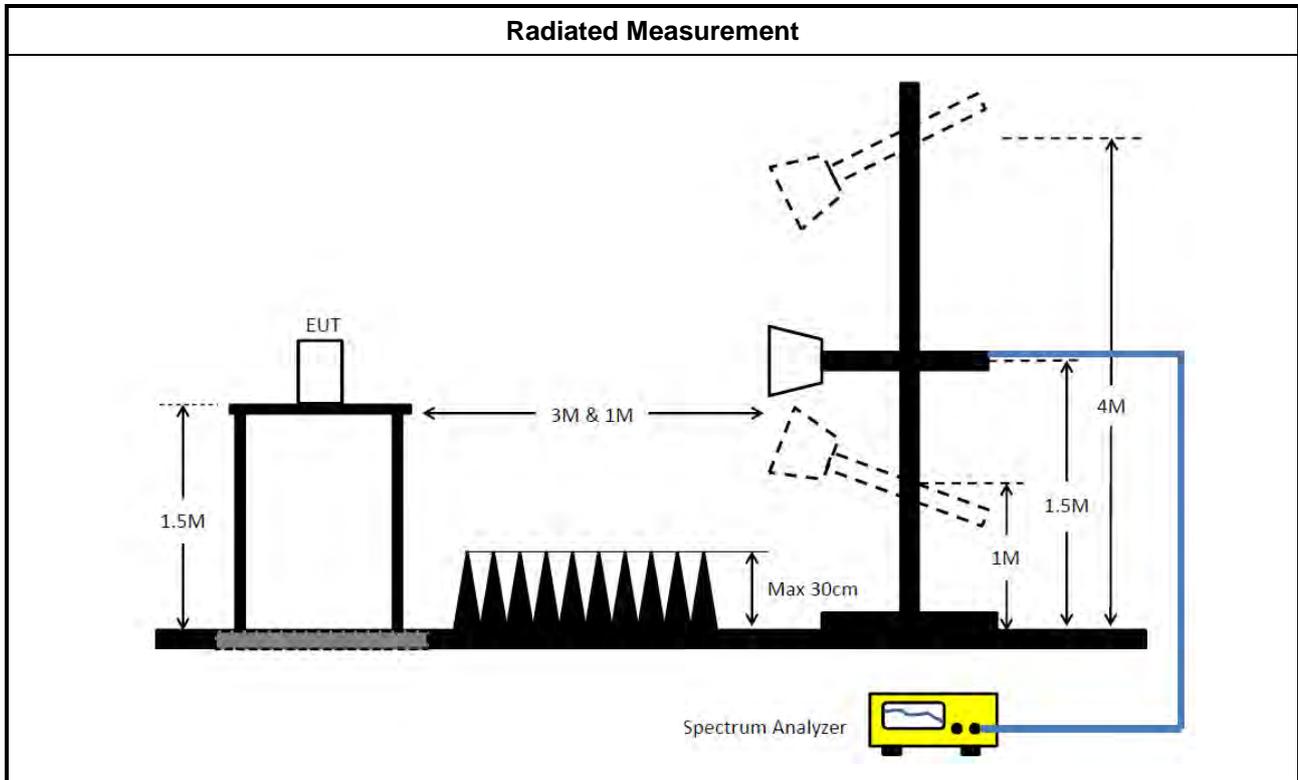
Refer a test equipment and calibration data table in this test report.



**3.4.3 Test Procedures**

<b>Test Method</b>	
<ul style="list-style-type: none"> <li>▪ 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:</li> </ul>	
<input type="checkbox"/>	Refer as FCC KDB 789033, F5) 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]	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input type="checkbox"/>	For conducted measurement.
<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:</li> </ul>	
<input type="checkbox"/>	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
<input type="checkbox"/>	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
<input type="checkbox"/>	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
<ul style="list-style-type: none"> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>	
<input checked="" type="checkbox"/>	For radiated measurement.
<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>	

### 3.4.4 Test Setup



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

Refer as Appendix D



### 3.5 Unwanted Emissions

#### 3.5.1 Transmitter Unwanted Emissions Limit

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

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

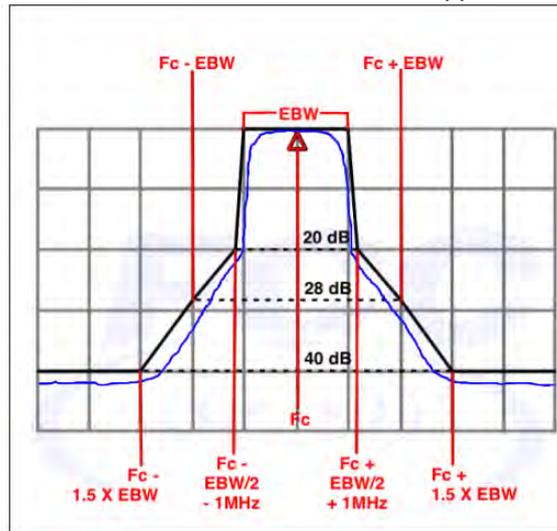
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance,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

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

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) = $68.2\text{dBuV/m at } 3\text{m} + 9.54\text{dB} = 77.74\text{ dBuV/m at } 1\text{m}$ . Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	Emission MASK Limit

5.945 – 7.125 GHz

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





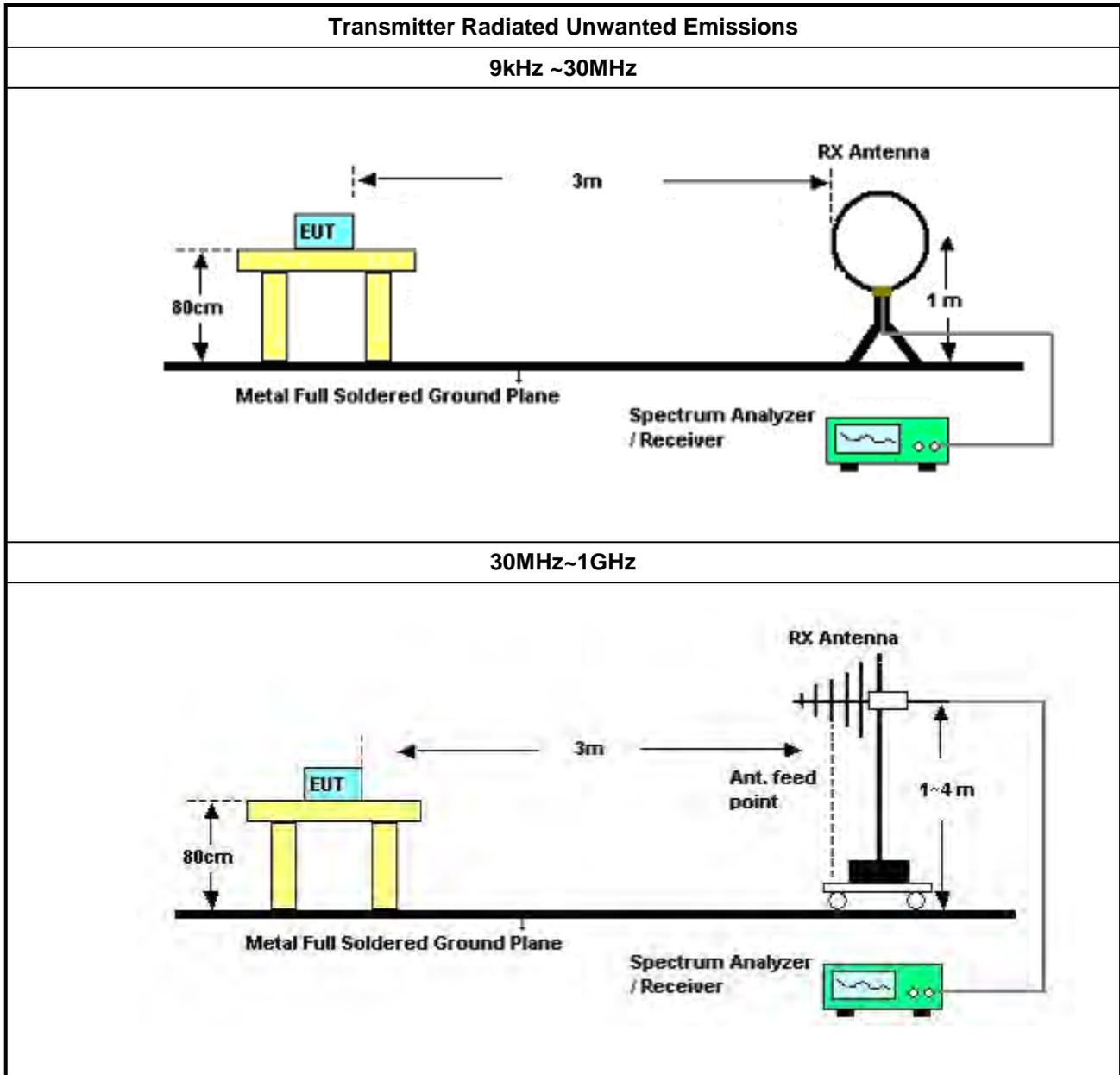
**3.5.2 Measuring Instruments**

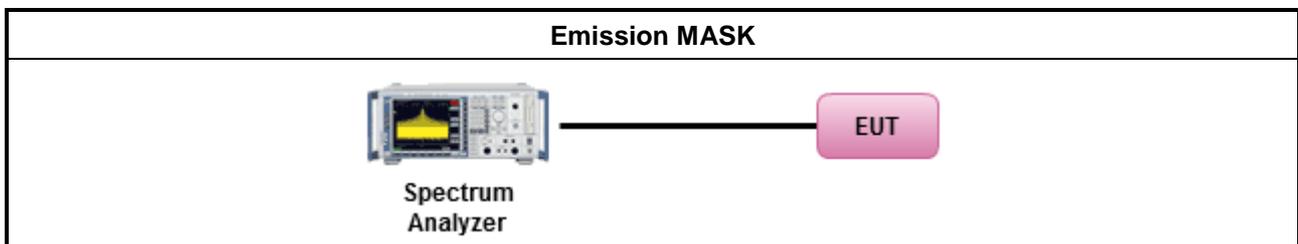
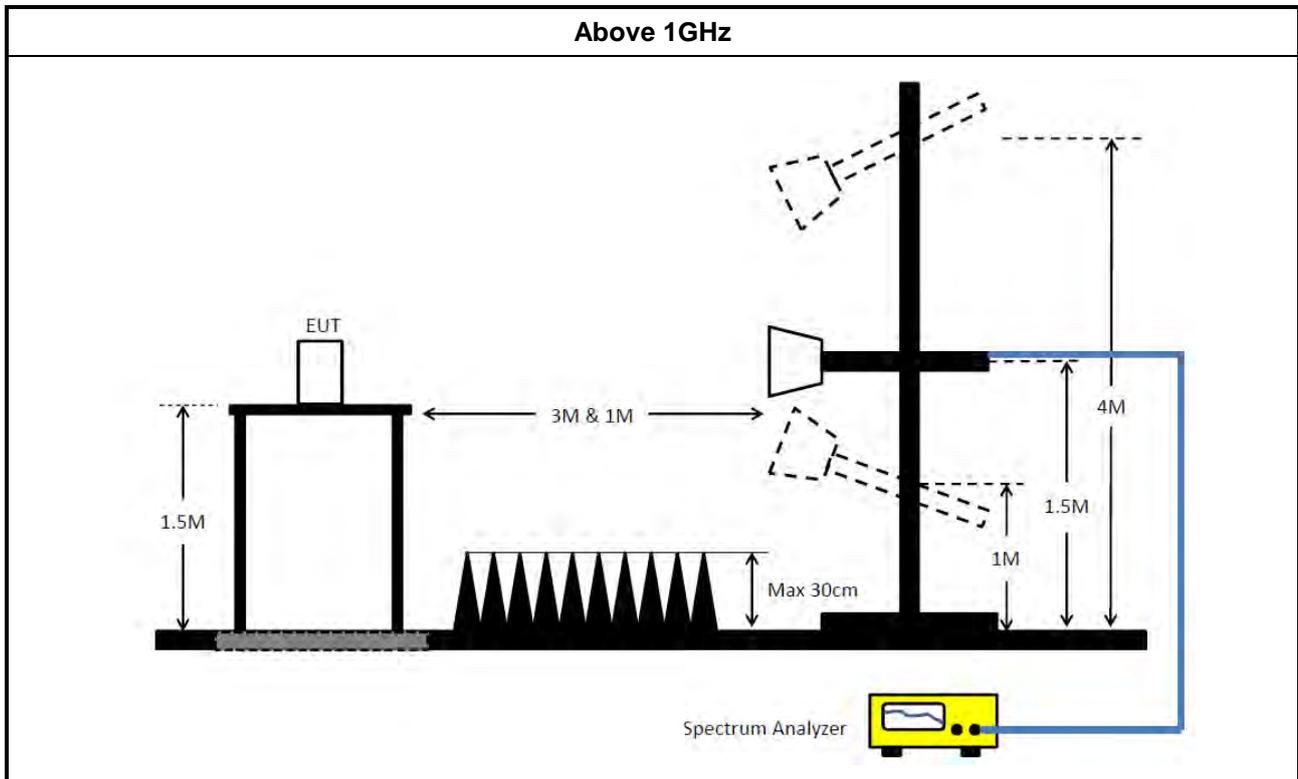
Refer a test equipment and calibration data table in this test report.

**3.5.3 Test Procedures**

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

**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.

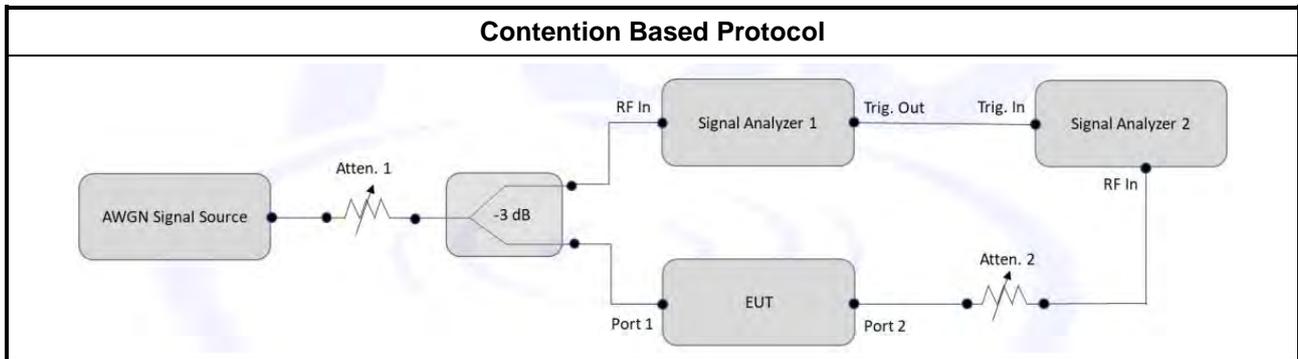
#### 3.6.2 Measuring Instruments

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:
<input checked="" type="checkbox"/>	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



## 4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Dec. 04, 2020	Dec. 03, 2021	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 20, 2020	Nov. 19, 2021	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Mar. 10, 2020	Mar. 09, 2021	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 19, 2020	Mar. 18, 2021	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 20, 2020	Oct. 19, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMC1	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 05, 2020	May 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz –26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 02, 2020	Sep. 01, 2021	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 14, 2020	May 13, 2021	Conducted (DF02-CB)
VEKTOR SIGNAL GENERATOR	R&S	SMW200A	109426	100KHz- 7.5GHz	Dec. 23, 2020	Dec. 22, 2021	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Mar. 01, 2021	Feb. 28, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Mar. 01, 2021	Feb. 28, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 15, 2020	Nov. 14, 2021	Conducted (DF02-CB)

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

N.C.R. means Non-Calibration required.

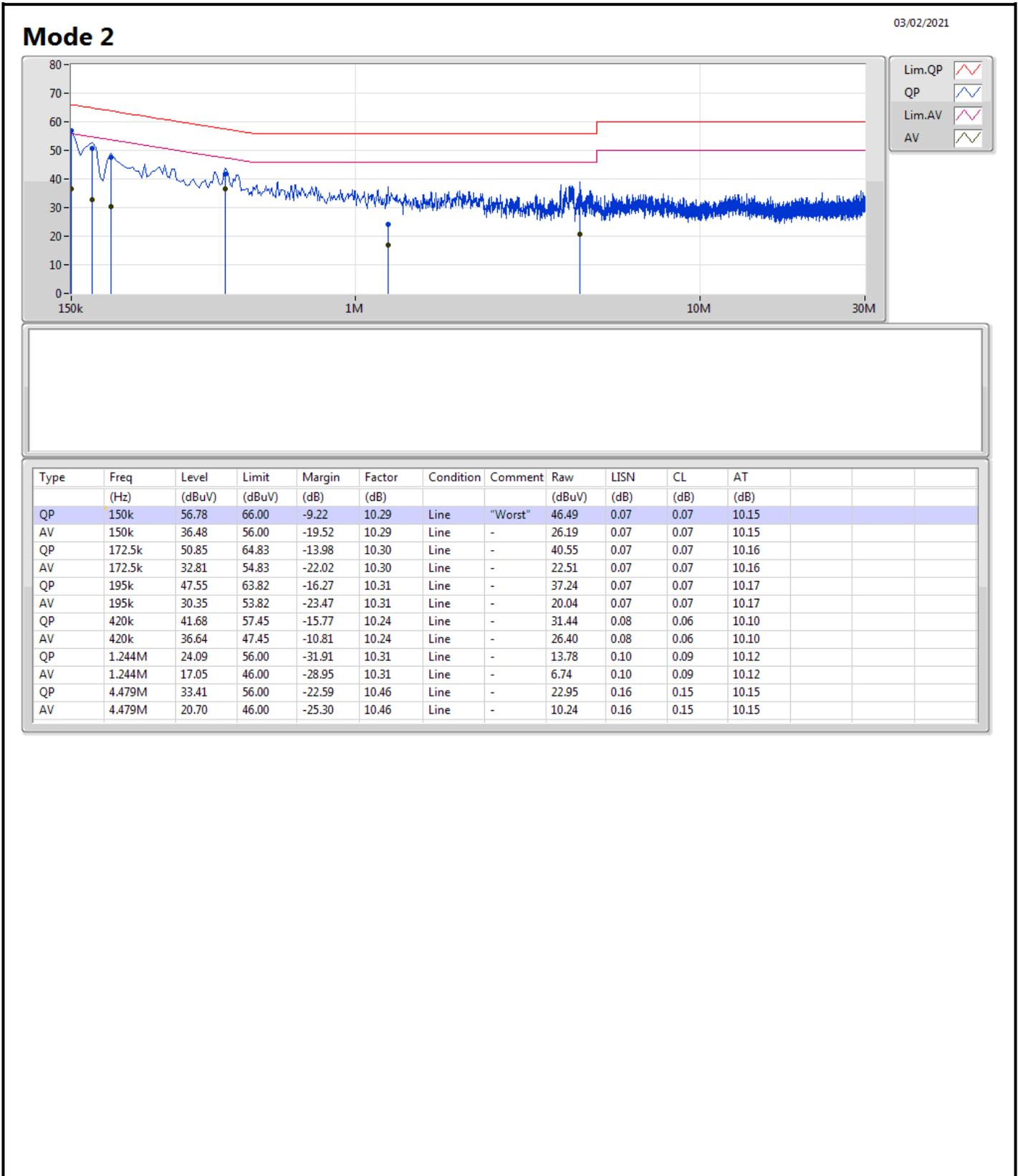


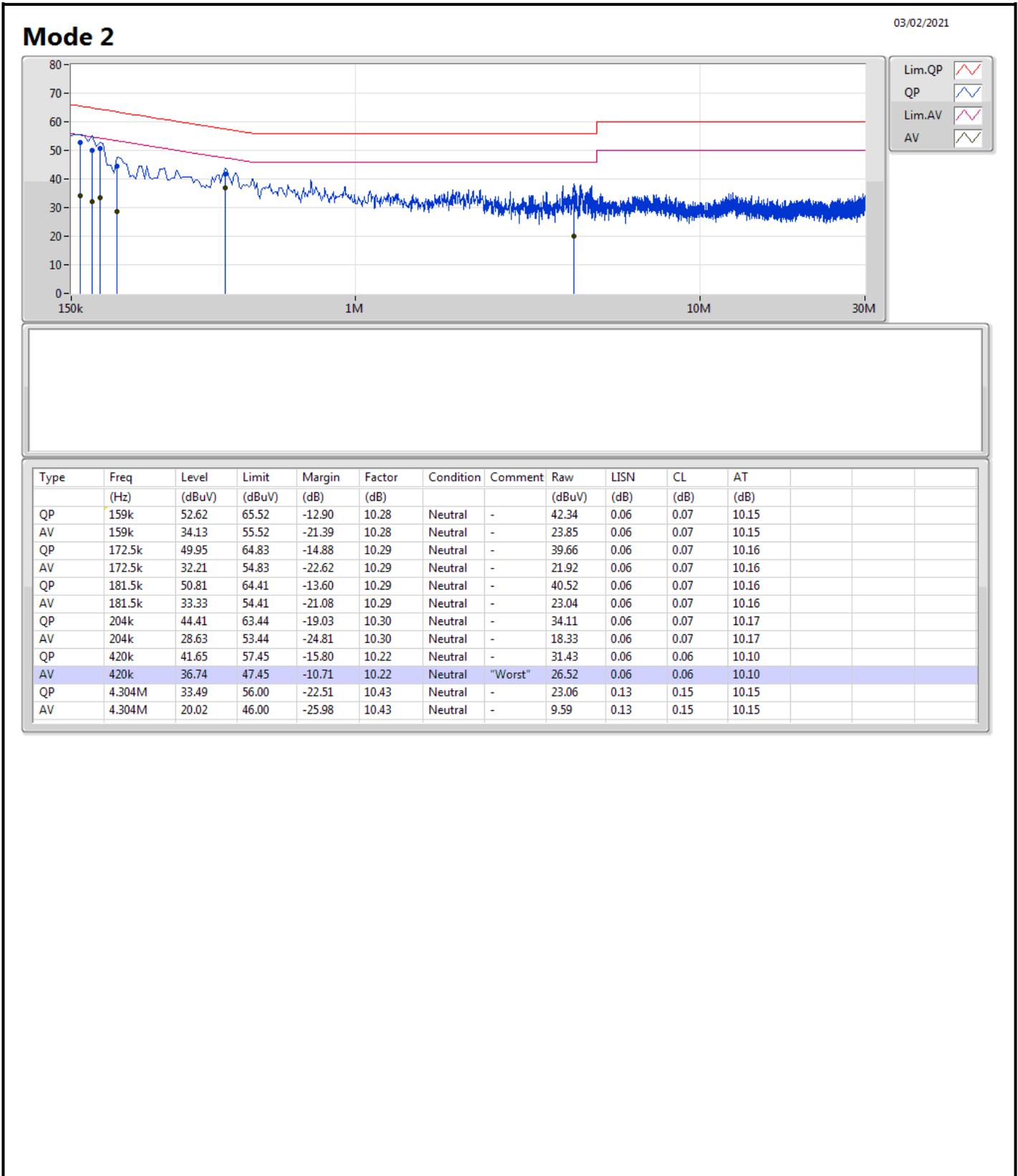
## AC Power-line Conducted Emissions Result

Appendix A

### Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	150k	56.78	66.00	-9.22	Line





**Mode 1, Non-beamforming mode: Nss4**  
**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	165.36M	155.826M	156MD1D	164.64M	154.867M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	165.36M	155.25M	155MD1D	163.92M	154.675M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	165.12M	155.442M	155MD1D	164.16M	154.867M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	164.88M	155.442M	155MD1D	164.4M	155.202M

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 HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	165.36M	155.634M	165.12M	155.442M	164.88M	155.442M	164.88M	155.058M
6345MHz	Pass	Inf	165.12M	154.867M	164.88M	155.058M	164.64M	155.058M	165.36M	155.826M
6505MHz	Pass	Inf	165.36M	155.058M	164.4M	155.25M	163.92M	154.867M	164.64M	154.675M
6665MHz	Pass	Inf	164.16M	155.058M	164.64M	154.867M	164.16M	155.25M	164.88M	155.442M
6825MHz	Pass	Inf	165.12M	155.25M	164.64M	155.25M	164.16M	155.058M	165.12M	155.25M
6985MHz	Pass	Inf	164.88M	155.202M	164.4M	155.442M	164.4M	155.202M	164.88M	155.442M

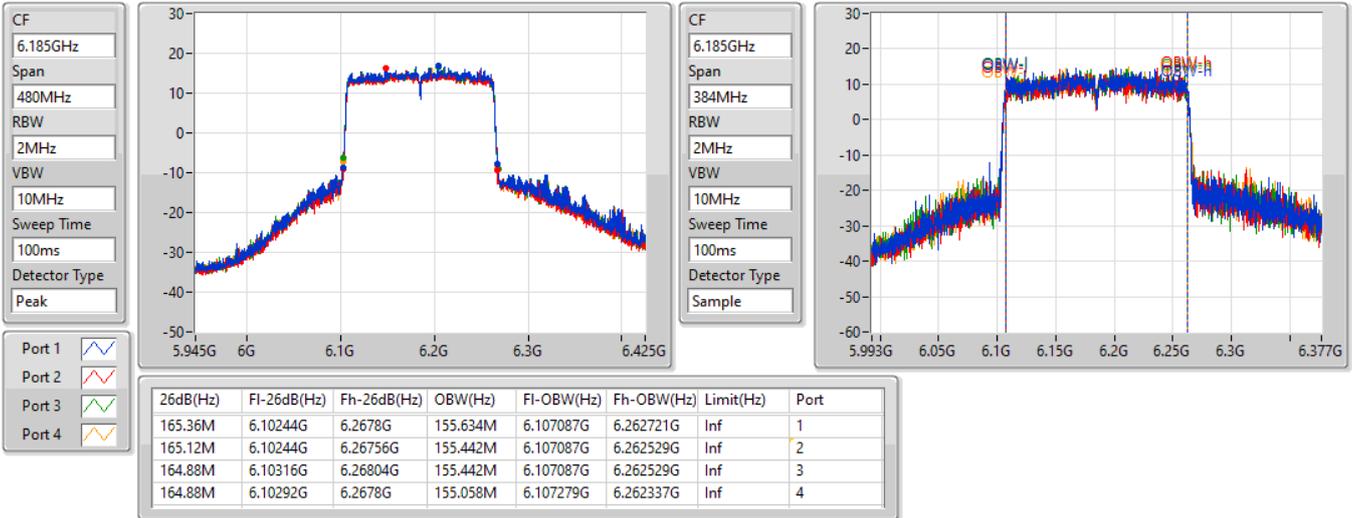
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

6185MHz

26/02/2021

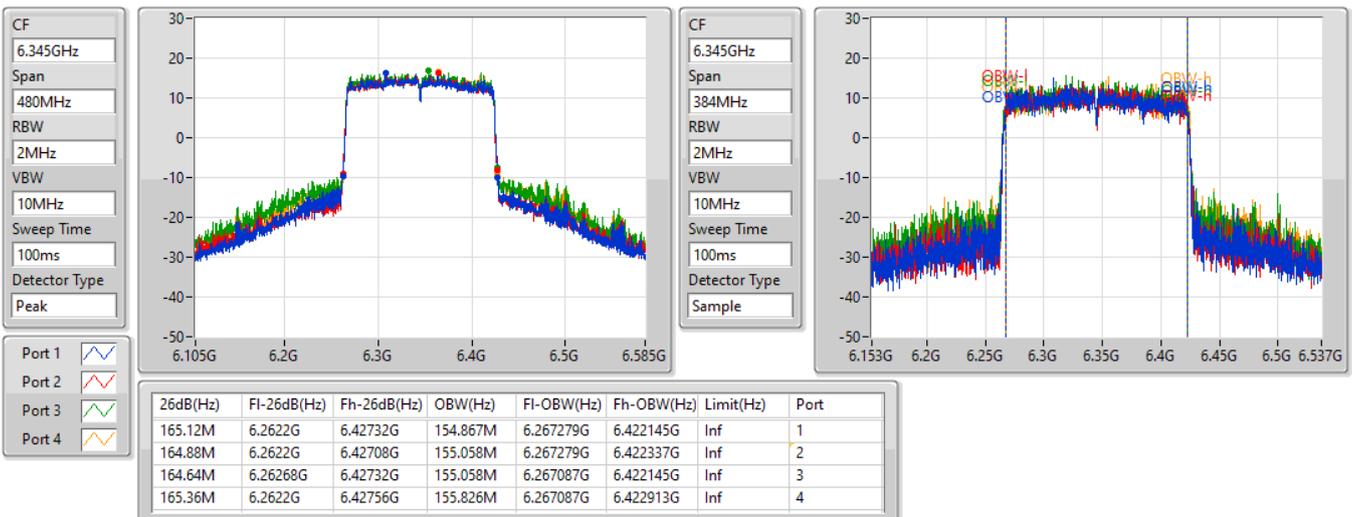


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

6345MHz

26/02/2021

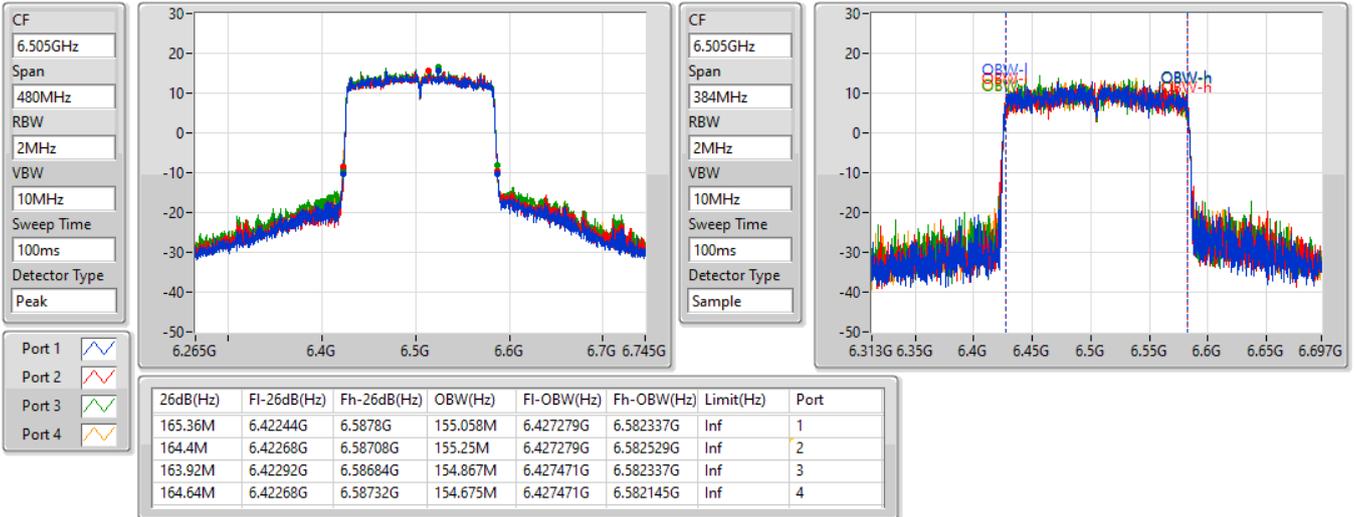


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

6505MHz Straddle 6.425-6.525GHz

26/02/2021

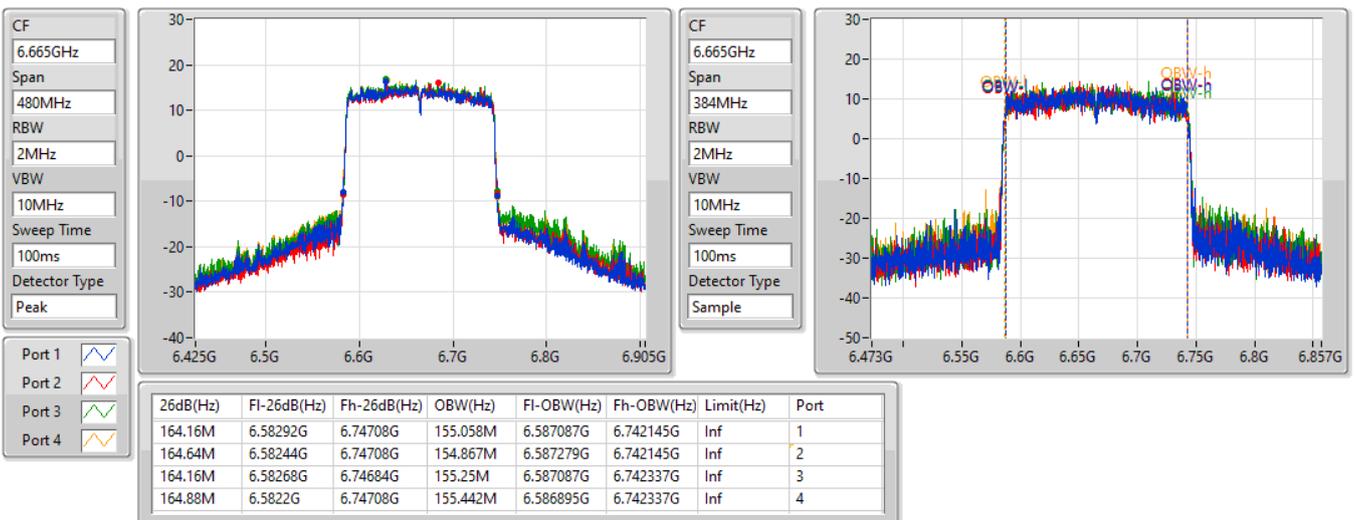


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

6665MHz

26/02/2021

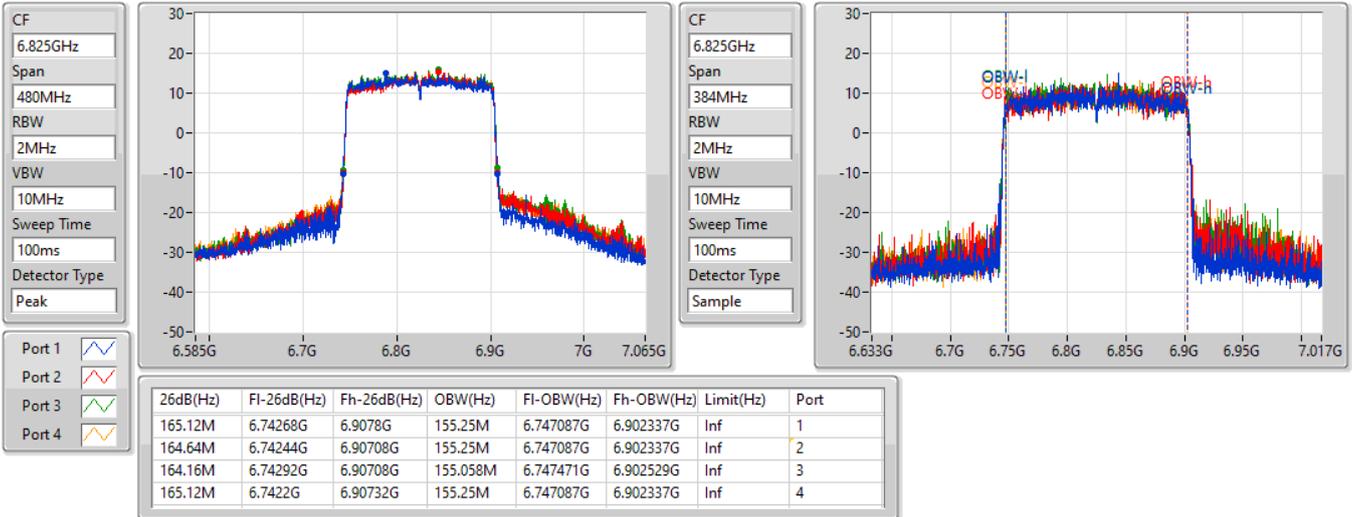


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

6825MHz Straddle 6.525-6.875GHz

26/02/2021

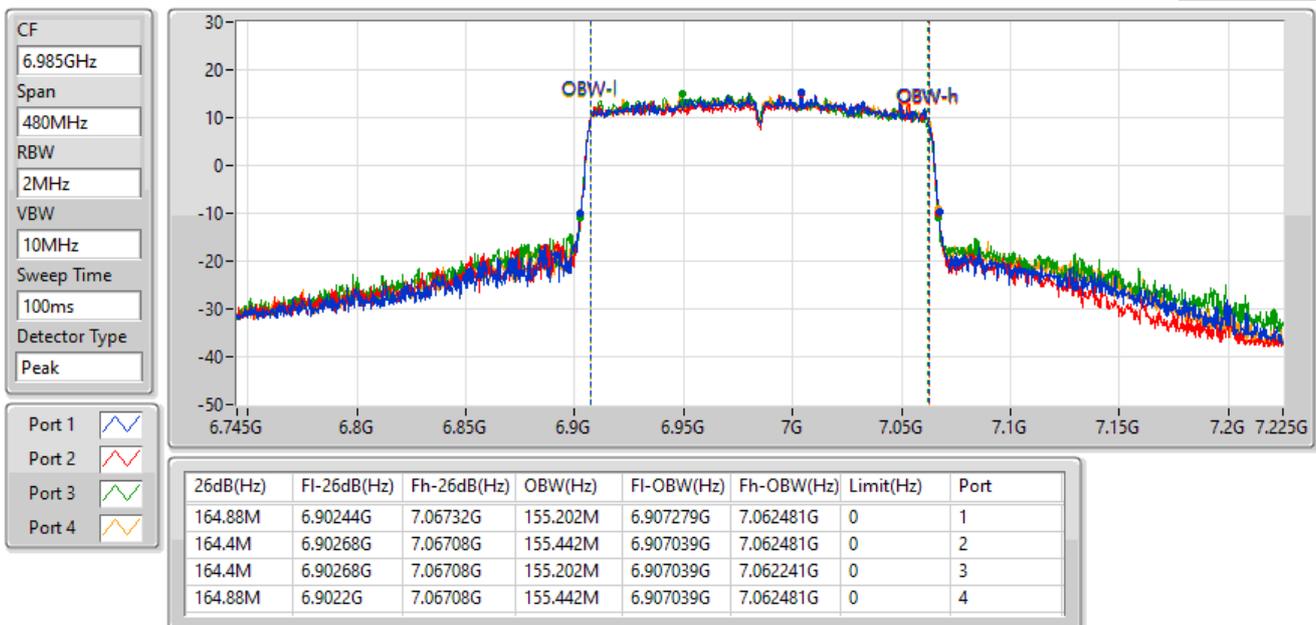


802.11ax HEW160\_Nss4,(MCS0)\_4TX

EBW

6985MHz

26/02/2021



**Mode 2, Beamforming mode: Nss1**  
**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.81M	19.022M	19M0D1D	21.57M	18.975M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.62M	37.661M	37M7D1D	39.84M	37.469M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.241M	77M2D1D	81.12M	76.858M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.36M	155.442M	155MD1D	163.92M	154.867M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.84M	19.022M	19M0D1D	21.51M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.38M	37.613M	37M6D1D	39.96M	37.469M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.049M	77M0D1D	81.12M	76.858M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.88M	154.867M	155MD1D	163.68M	154.483M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.87M	19.022M	19M0D1D	21.57M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.44M	37.661M	37M7D1D	39.9M	37.517M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.145M	77M1D1D	81.24M	76.954M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.36M	155.442M	155MD1D	163.2M	154.675M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.9M	19.19M	19M2D1D	21.63M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.44M	37.721M	37M7D1D	39.96M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.84M	77.241M	77M2D1D	81.24M	76.882M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	155.202M	155MD1D	163.44M	154.483M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.72M	19.022M	21.72M	18.975M	21.72M	18.975M	21.57M	18.975M
6255MHz	Pass	Inf	21.66M	18.999M	21.72M	18.999M	21.72M	18.975M	21.72M	18.975M
6415MHz	Pass	Inf	21.72M	18.975M	21.75M	18.975M	21.81M	18.999M	21.72M	18.999M
6435MHz	Pass	Inf	21.66M	18.999M	21.81M	18.999M	21.81M	18.975M	21.51M	18.975M
6475MHz	Pass	Inf	21.66M	18.999M	21.66M	18.951M	21.78M	19.022M	21.69M	18.951M
6515MHz	Pass	Inf	21.84M	18.951M	21.63M	18.951M	21.84M	18.975M	21.54M	18.999M
6535MHz	Pass	Inf	21.75M	18.999M	21.81M	18.951M	21.75M	18.975M	21.63M	18.999M
6695MHz	Pass	Inf	21.63M	18.999M	21.66M	18.975M	21.87M	18.975M	21.66M	18.975M
6855MHz	Pass	Inf	21.63M	18.999M	21.57M	18.999M	21.78M	19.022M	21.66M	19.022M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.69M	18.999M	21.66M	18.999M	21.72M	18.999M	21.72M	18.999M
6895MHz	Pass	Inf	21.69M	19.19M	21.66M	19.1M	21.78M	19.13M	21.66M	19.1M
7015MHz	Pass	Inf	21.72M	19.16M	21.84M	19.1M	21.63M	19.16M	21.63M	19.1M
7095MHz	Pass	Inf	21.63M	19.13M	21.66M	19.1M	21.9M	19.16M	21.84M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	40.26M	37.661M	40.32M	37.565M	40.02M	37.661M	40.02M	37.469M
6245MHz	Pass	Inf	40.14M	37.565M	40.32M	37.613M	39.96M	37.517M	39.96M	37.565M
6405MHz	Pass	Inf	40.2M	37.517M	40.62M	37.517M	40.08M	37.565M	39.84M	37.565M
6445MHz	Pass	Inf	40.08M	37.565M	40.08M	37.613M	40.08M	37.565M	39.96M	37.565M
6485MHz	Pass	Inf	40.26M	37.517M	40.38M	37.565M	40.08M	37.565M	40.02M	37.565M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.2M	37.565M	40.14M	37.469M	40.2M	37.565M	39.96M	37.565M
6565MHz	Pass	Inf	40.26M	37.613M	40.44M	37.517M	40.08M	37.565M	39.96M	37.565M
6685MHz	Pass	Inf	40.38M	37.613M	40.14M	37.565M	40.08M	37.613M	40.02M	37.565M
6845MHz	Pass	Inf	40.26M	37.565M	40.38M	37.565M	40.02M	37.661M	39.9M	37.517M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.38M	37.661M	40.26M	37.613M	40.14M	37.565M	40.08M	37.613M
6925MHz	Pass	Inf	40.14M	37.661M	40.14M	37.661M	40.08M	37.601M	39.96M	37.601M
7005MHz	Pass	Inf	40.32M	37.721M	40.26M	37.601M	40.02M	37.601M	40.14M	37.601M
7085MHz	Pass	Inf	40.44M	37.661M	40.38M	37.601M	40.2M	37.661M	40.08M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.72M	77.049M	81.36M	77.049M	81.36M	77.049M	81.24M	77.049M
6225MHz	Pass	Inf	81.72M	77.049M	81.24M	76.954M	81.12M	77.049M	81.36M	77.241M
6385MHz	Pass	Inf	81.36M	77.145M	81.36M	76.954M	81.24M	77.049M	81.36M	76.858M
6465MHz	Pass	Inf	81.72M	76.954M	81.12M	77.049M	81.24M	76.858M	81.24M	77.049M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.6M	76.858M	81.36M	77.049M	81.24M	76.954M	81.48M	76.858M
6625MHz	Pass	Inf	81.6M	77.049M	81.72M	76.954M	81.24M	77.049M	81.36M	77.049M
6705MHz	Pass	Inf	81.72M	76.954M	81.6M	77.049M	81.36M	77.049M	81.24M	77.049M
6785MHz	Pass	Inf	81.84M	77.145M	81.6M	77.049M	81.36M	77.145M	81.36M	77.049M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	82.32M	77.145M	81.36M	77.049M	81.24M	77.049M	81.36M	77.145M
6945MHz	Pass	Inf	81.6M	77.241M	81.36M	76.882M	81.36M	77.121M	81.36M	77.001M
7025MHz	Pass	Inf	81.84M	77.121M	81.24M	77.001M	81.6M	77.001M	81.48M	77.241M
6865MHz Straddle 6.875-7.125GHz										
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	Inf	165.36M	155.442M	164.16M	155.442M	164.64M	155.442M	164.88M	155.442M
6345MHz	Pass	Inf	164.4M	154.867M	164.64M	155.058M	164.16M	155.058M	163.92M	155.25M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	164.4M	154.483M	164.88M	154.867M	163.68M	154.675M	163.68M	154.675M
6665MHz	Pass	Inf	165.36M	154.675M	165.12M	155.442M	163.92M	155.442M	163.2M	155.058M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.12M	155.442M	164.4M	155.25M	164.16M	154.867M	164.4M	155.442M
6985MHz	Pass	Inf	164.4M	155.202M	164.16M	155.202M	163.44M	154.483M	165.12M	155.202M

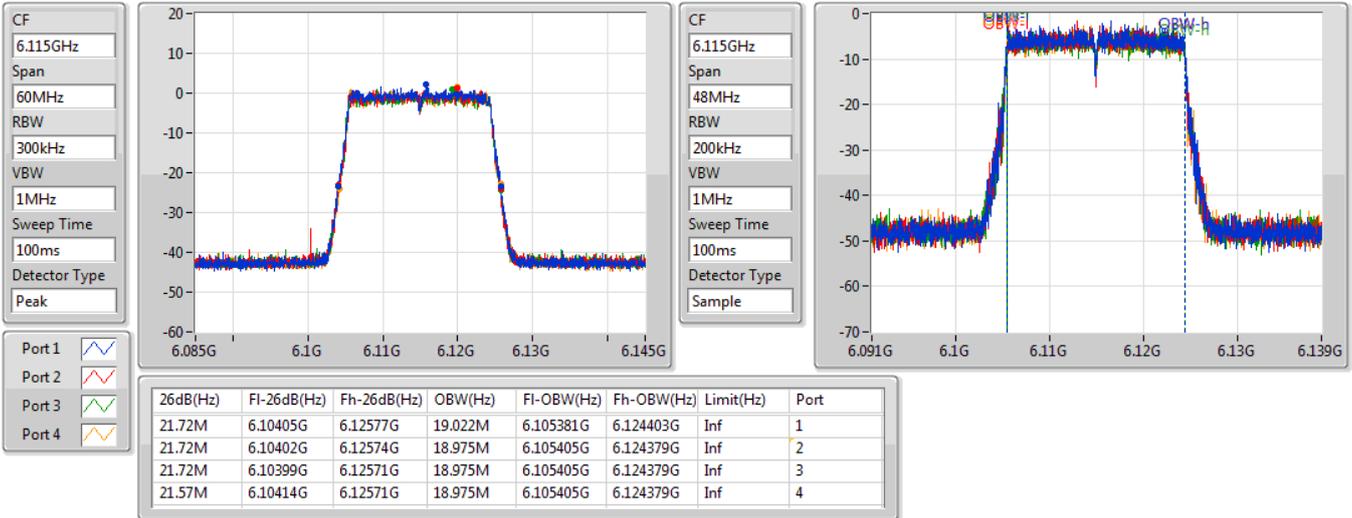
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

6115MHz

25/02/2021

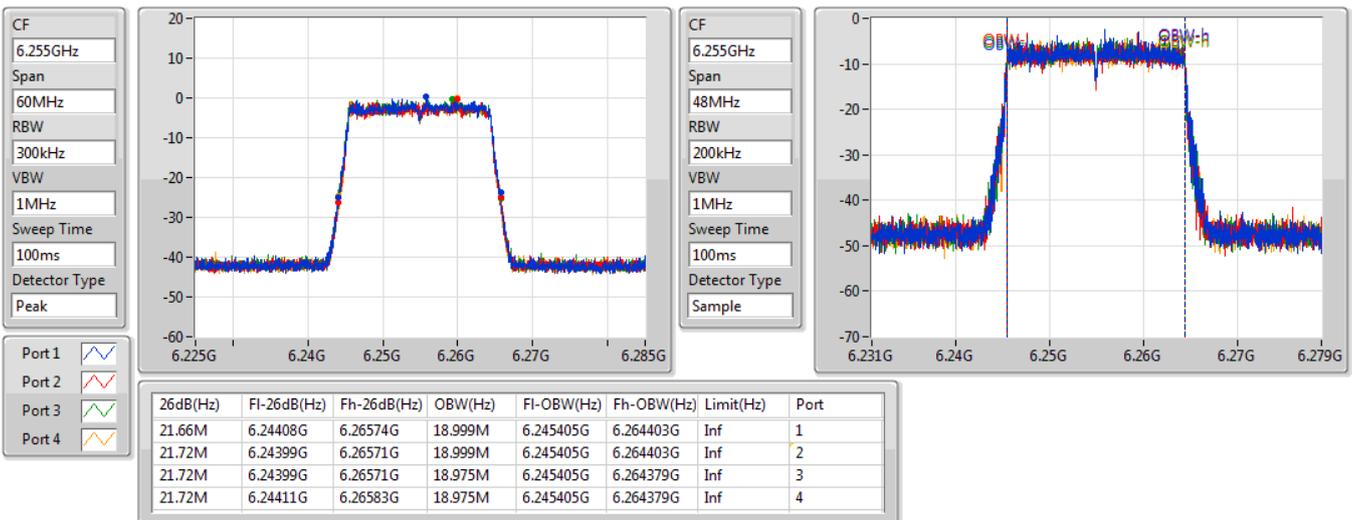


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

6255MHz

25/02/2021

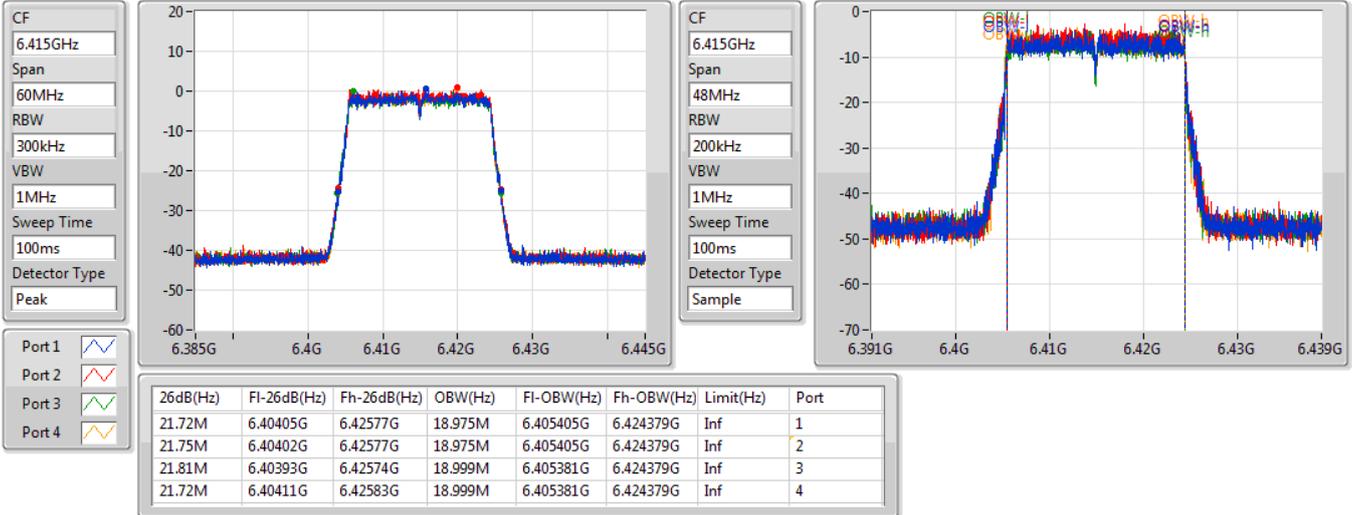


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

6415MHz

25/02/2021

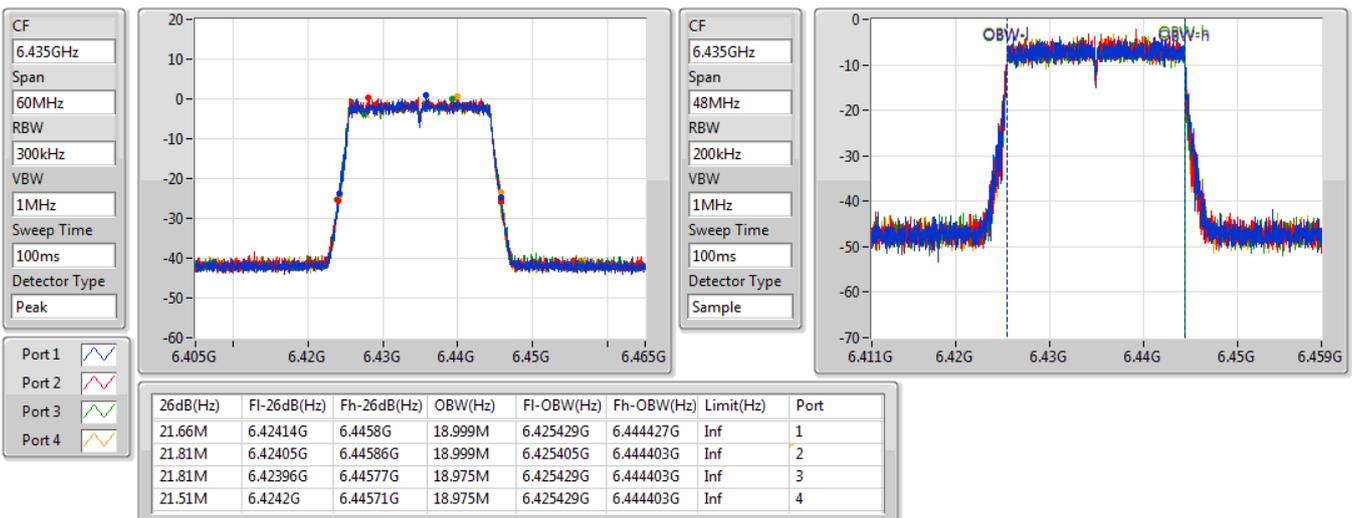


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

6435MHz

25/02/2021



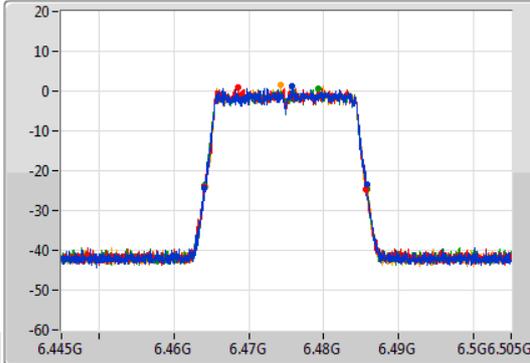
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

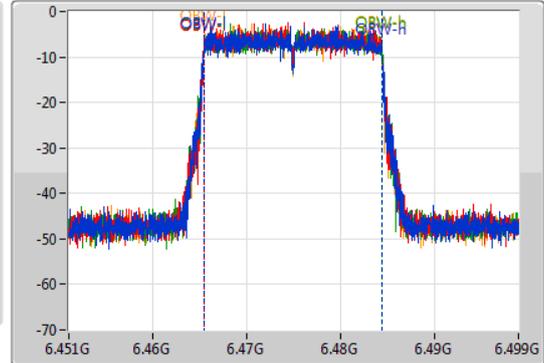
6475MHz

25/02/2021

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



CF  
6.475GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	6.46405G	6.48571G	18.999M	6.465405G	6.484403G	Inf	1
21.66M	6.46402G	6.48568G	18.951M	6.465429G	6.484379G	Inf	2
21.78M	6.46399G	6.48577G	19.022M	6.465381G	6.484403G	Inf	3
21.69M	6.46414G	6.48583G	18.951M	6.465429G	6.484379G	Inf	4

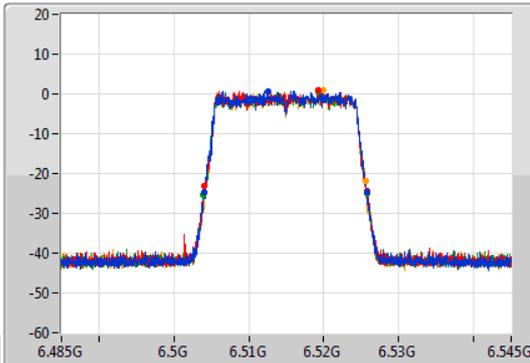
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

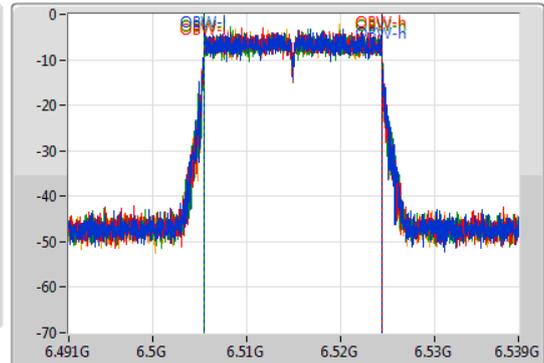
6515MHz

25/02/2021

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



CF  
6.515GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	6.50399G	6.52583G	18.951M	6.505429G	6.524379G	Inf	1
21.63M	6.50411G	6.52574G	18.951M	6.505429G	6.524379G	Inf	2
21.84M	6.50393G	6.52577G	18.975M	6.505405G	6.524379G	Inf	3
21.54M	6.50408G	6.52562G	18.999M	6.505405G	6.524403G	Inf	4

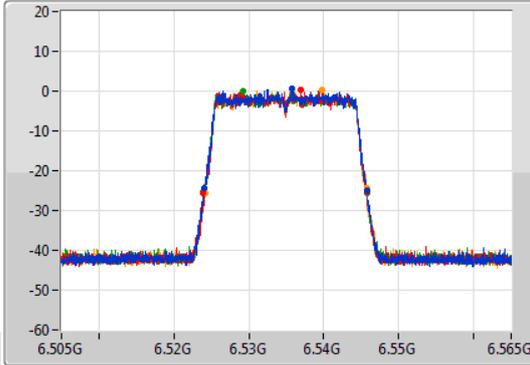
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

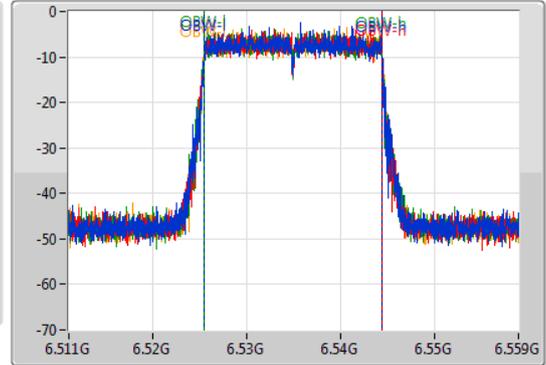
6535MHz

25/02/2021

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



CF  
6.535GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	6.52405G	6.5458G	18.999M	6.525429G	6.544427G	Inf	1
21.81M	6.52396G	6.54577G	18.951M	6.525429G	6.544379G	Inf	2
21.75M	6.52396G	6.54571G	18.975M	6.525429G	6.544403G	Inf	3
21.63M	6.52417G	6.5458G	18.999M	6.525405G	6.544403G	Inf	4

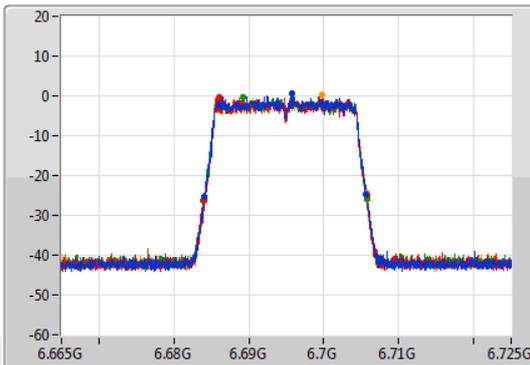
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

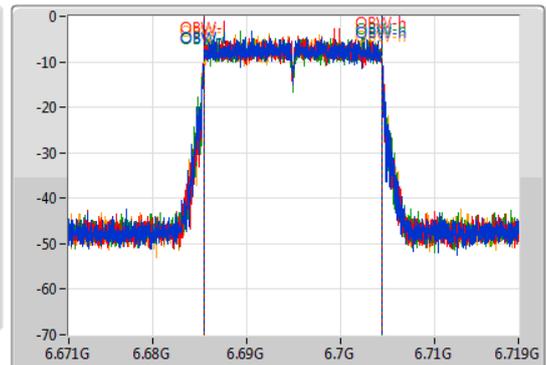
6695MHz

25/02/2021

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



CF  
6.695GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.68405G	6.70568G	18.999M	6.685405G	6.704403G	Inf	1
21.66M	6.68408G	6.70574G	18.975M	6.685405G	6.704379G	Inf	2
21.87M	6.68387G	6.70574G	18.975M	6.685405G	6.704379G	Inf	3
21.66M	6.68411G	6.70577G	18.975M	6.685405G	6.704379G	Inf	4

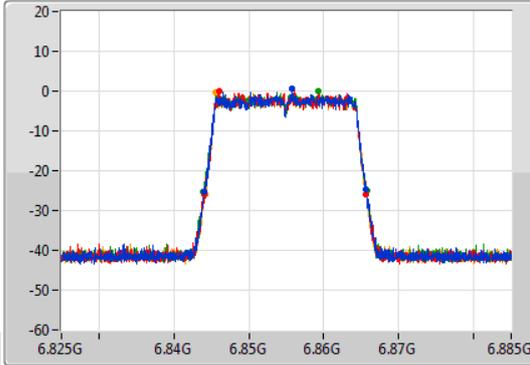
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

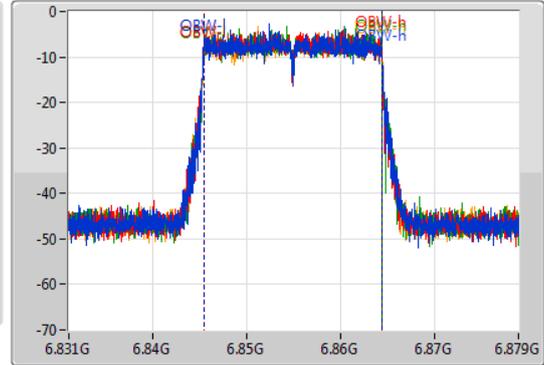
6855MHz

25/02/2021

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



CF  
6.855GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	6.84405G	6.86568G	18.999M	6.845381G	6.864379G	Inf	1
21.57M	6.84408G	6.86565G	18.999M	6.845381G	6.864379G	Inf	2
21.78M	6.84396G	6.86574G	19.022M	6.845381G	6.864403G	Inf	3
21.66M	6.84414G	6.8658G	19.022M	6.845381G	6.864403G	Inf	4

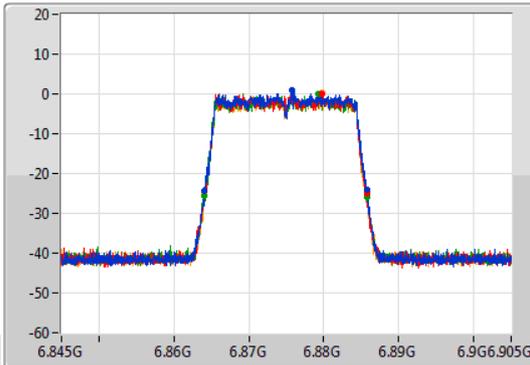
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

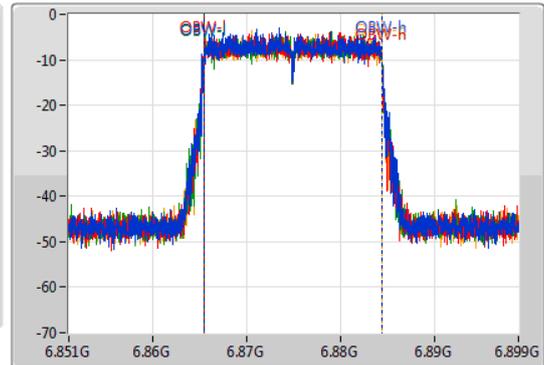
6875MHz Straddle 6.525-6.875GHz

25/02/2021

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



CF  
6.875GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.86405G	6.88574G	18.999M	6.865381G	6.884379G	Inf	1
21.66M	6.86405G	6.88571G	18.999M	6.865381G	6.884379G	Inf	2
21.72M	6.86399G	6.88571G	18.999M	6.865405G	6.884403G	Inf	3
21.72M	6.86408G	6.8858G	18.999M	6.865405G	6.884403G	Inf	4

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

6895MHz

25/02/2021

CF  
6.895GHz

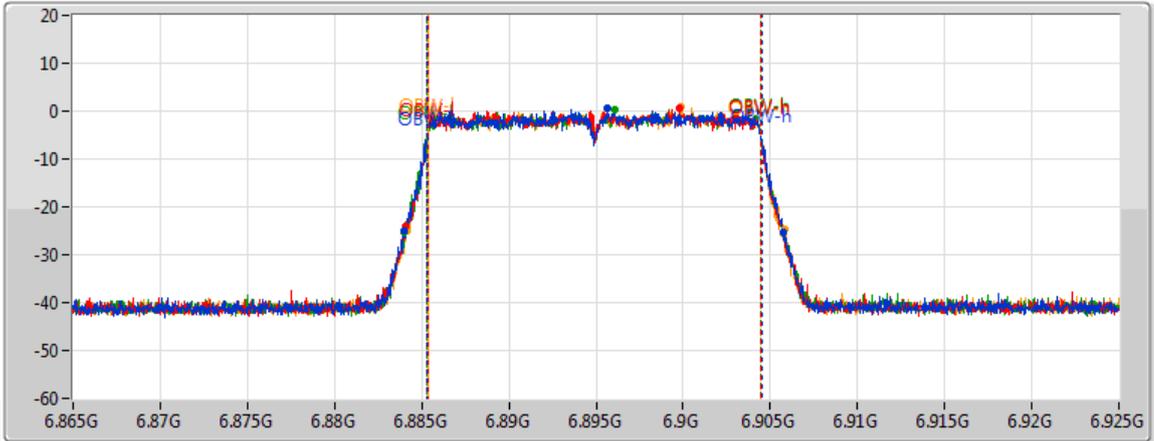
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.88402G	6.90571G	19.19M	6.885315G	6.904505G	0	1
21.66M	6.88405G	6.90571G	19.1M	6.885345G	6.904445G	0	2
21.78M	6.88396G	6.90574G	19.13M	6.885315G	6.904445G	0	3
21.66M	6.88414G	6.9058G	19.1M	6.885345G	6.904445G	0	4

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

7015MHz

25/02/2021

CF  
7.015GHz

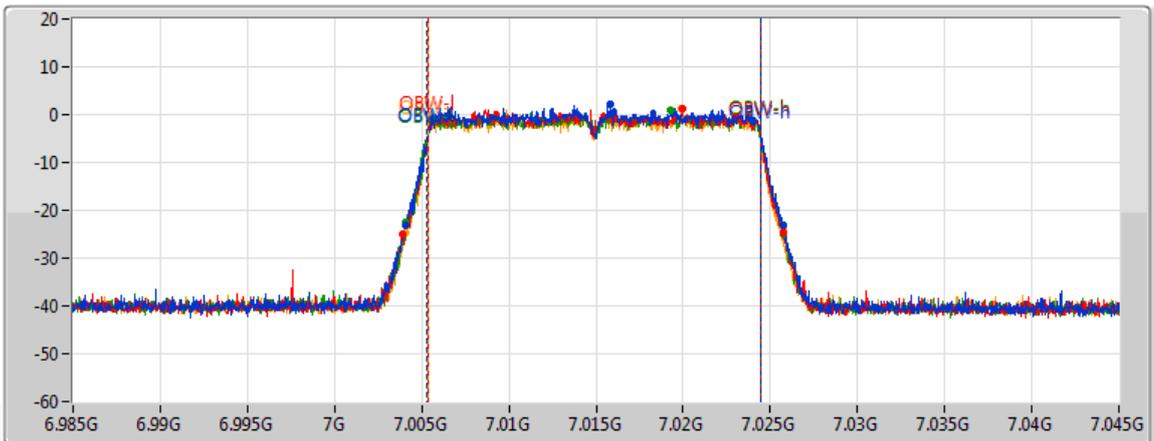
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	7.00405G	7.02577G	19.16M	7.005315G	7.024475G	0	1
21.84M	7.00387G	7.02571G	19.1M	7.005345G	7.024445G	0	2
21.63M	7.00408G	7.02571G	19.16M	7.005285G	7.024445G	0	3
21.63M	7.00411G	7.02574G	19.1M	7.005345G	7.024445G	0	4

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

7095MHz

25/02/2021

CF  
7.095GHz

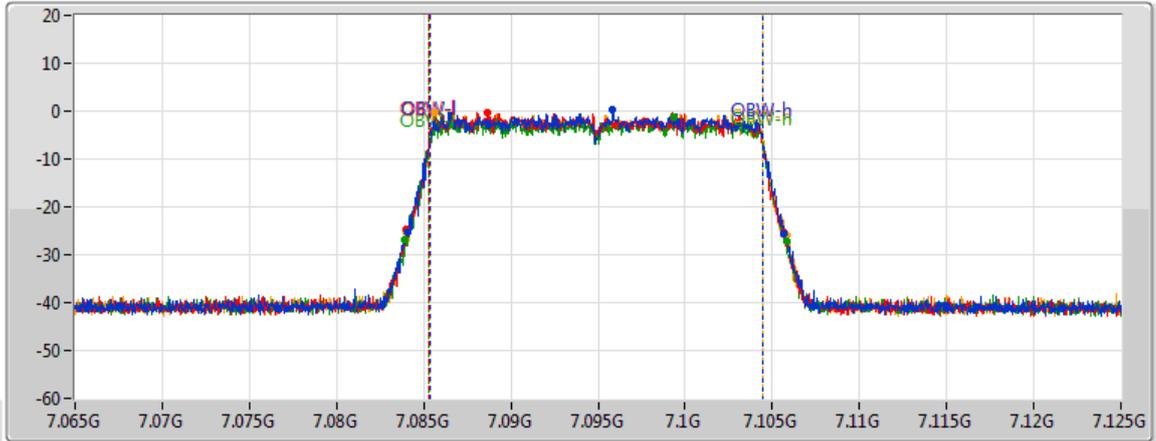
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	7.08405G	7.10568G	19.13M	7.085345G	7.104475G	0	1
21.66M	7.08402G	7.10568G	19.1M	7.085315G	7.104415G	0	2
21.9M	7.08393G	7.10583G	19.16M	7.085315G	7.104475G	0	3
21.84M	7.08402G	7.10586G	19.13M	7.085345G	7.104475G	0	4

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

6125MHz

25/02/2021

CF  
6.125GHz

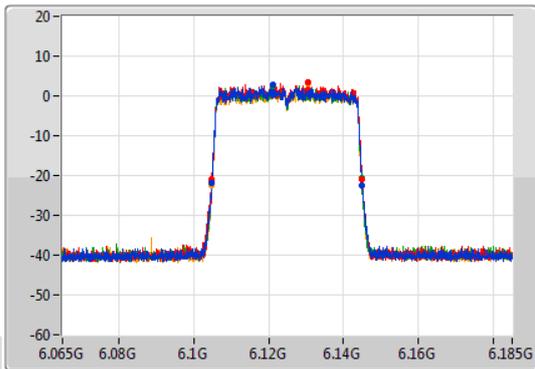
Span  
120MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
6.125GHz

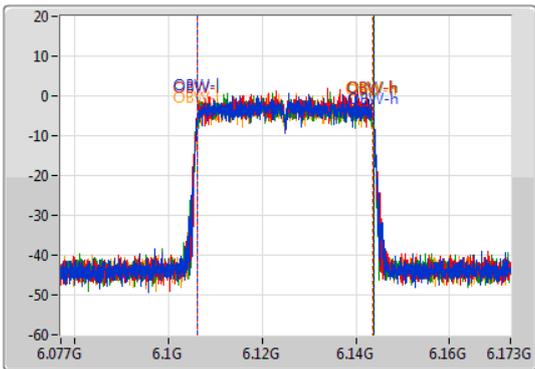
Span  
96MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.10478G	6.14504G	37.661M	6.106097G	6.143759G	Inf	1
40.32M	6.10472G	6.14504G	37.565M	6.106097G	6.143663G	Inf	2
40.02M	6.10484G	6.14486G	37.661M	6.106097G	6.143759G	Inf	3
40.02M	6.1049G	6.14492G	37.469M	6.106145G	6.143615G	Inf	4

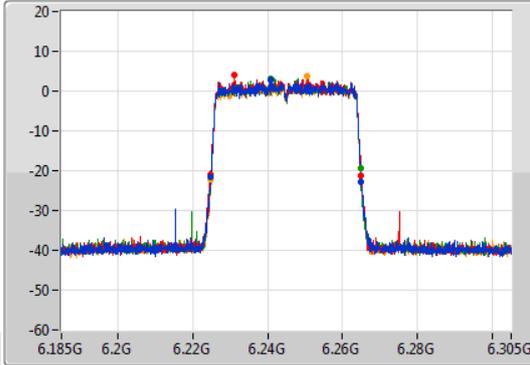
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

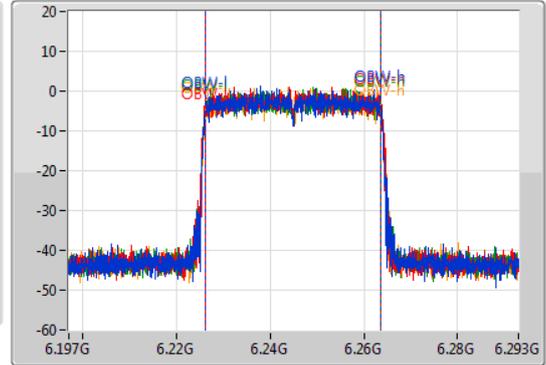
6245MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	6.2249G	6.26504G	37.565M	6.226097G	6.263663G	Inf	1
40.32M	6.22472G	6.26504G	37.613M	6.226097G	6.263711G	Inf	2
39.96M	6.2249G	6.26486G	37.517M	6.226097G	6.263615G	Inf	3
39.96M	6.2249G	6.26486G	37.565M	6.226097G	6.263663G	Inf	4

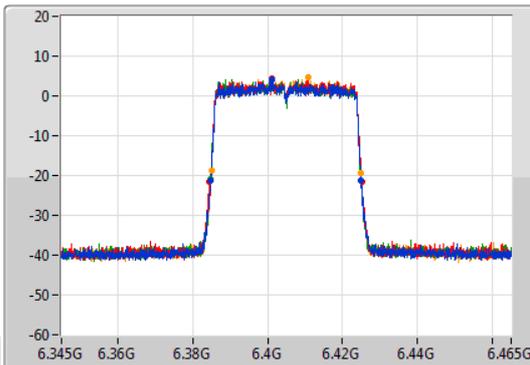
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

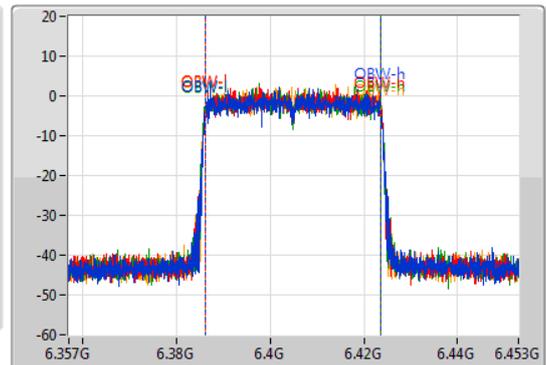
6405MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	6.38484G	6.42504G	37.517M	6.386097G	6.423615G	Inf	1
40.62M	6.38454G	6.42516G	37.517M	6.386145G	6.423663G	Inf	2
40.08M	6.3849G	6.42498G	37.565M	6.386049G	6.423615G	Inf	3
39.84M	6.38502G	6.42486G	37.565M	6.386145G	6.423711G	Inf	4

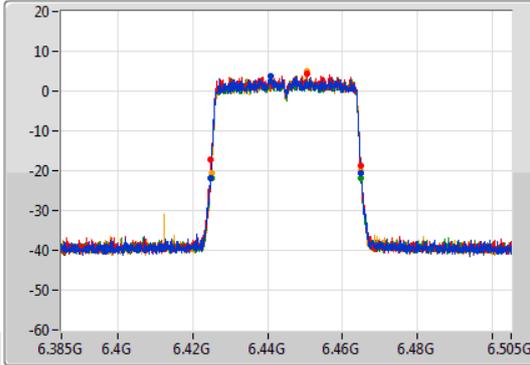
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

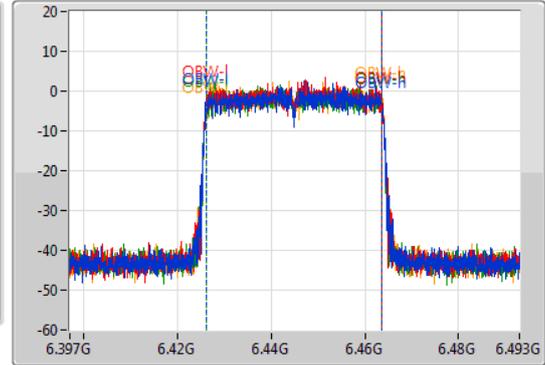
6445MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	6.4249G	6.46498G	37.565M	6.426145G	6.463711G	Inf	1
40.08M	6.4249G	6.46498G	37.613M	6.426097G	6.463711G	Inf	2
40.08M	6.42496G	6.46504G	37.565M	6.426097G	6.463663G	Inf	3
39.96M	6.42496G	6.46492G	37.565M	6.426145G	6.463711G	Inf	4

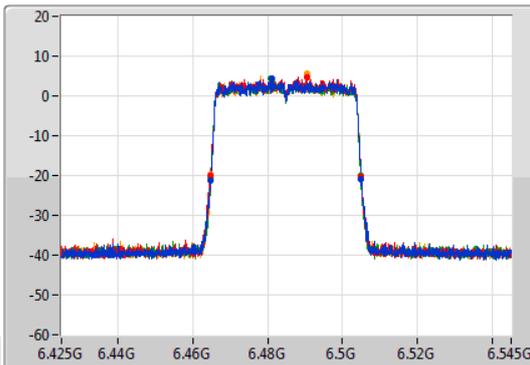
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

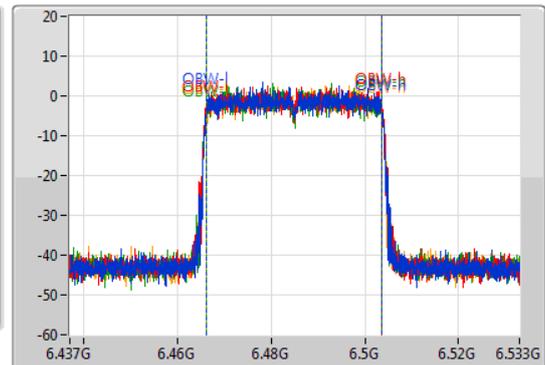
6485MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

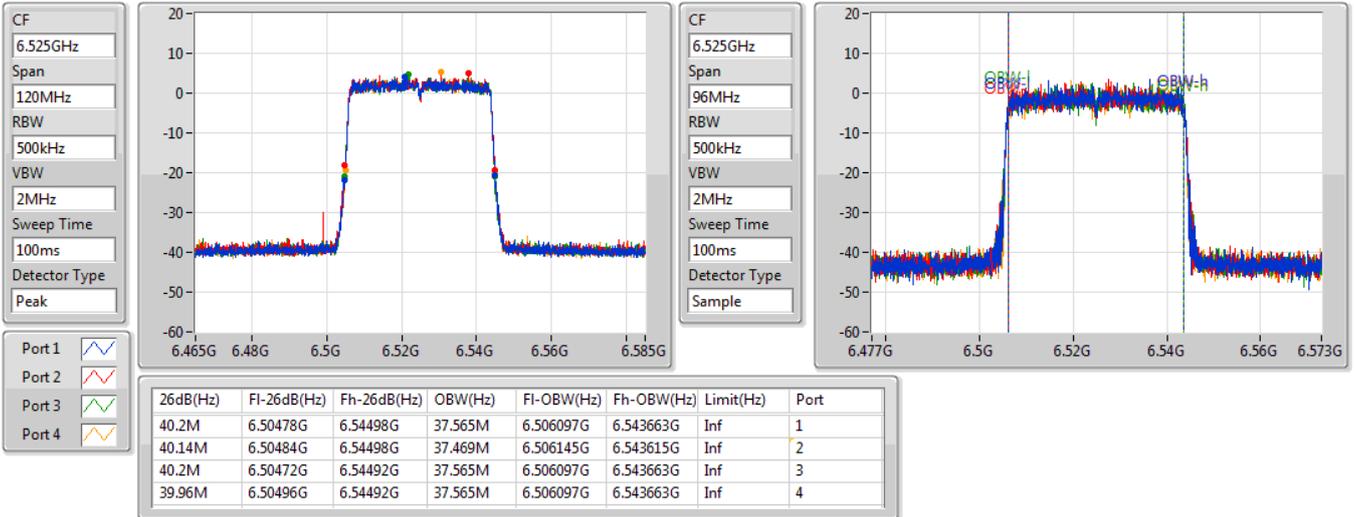
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.46478G	6.50504G	37.517M	6.466145G	6.503663G	Inf	1
40.38M	6.46466G	6.50504G	37.565M	6.466097G	6.503663G	Inf	2
40.08M	6.46484G	6.50492G	37.565M	6.466097G	6.503663G	Inf	3
40.02M	6.4649G	6.50492G	37.565M	6.466097G	6.503663G	Inf	4

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

6525MHz Straddle 6.425-6.525GHz

25/02/2021

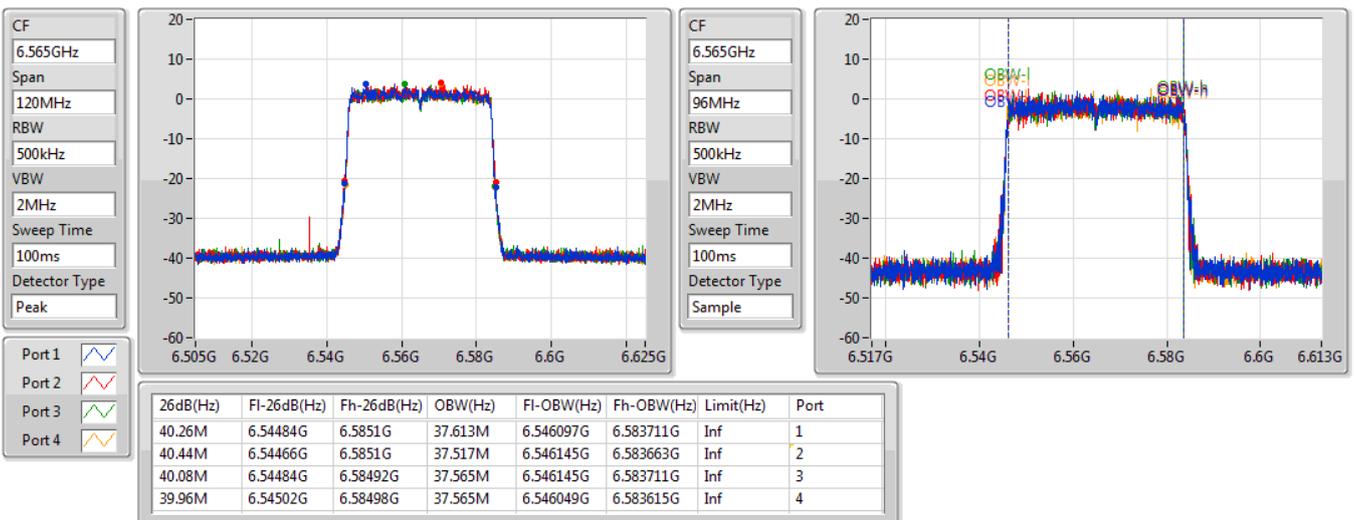


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

6565MHz

25/02/2021



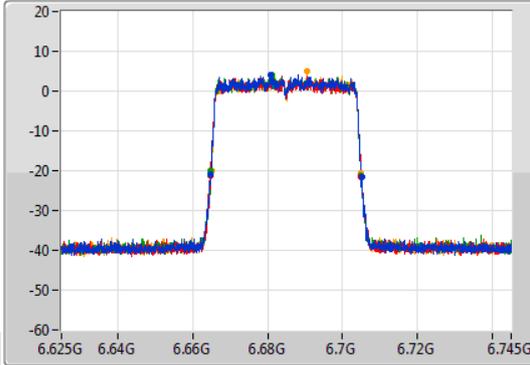
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

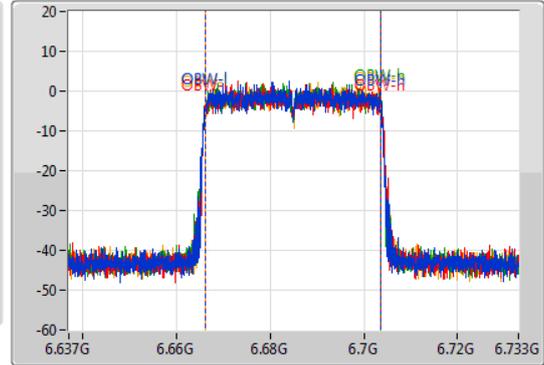
6685MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	6.66478G	6.70516G	37.613M	6.666097G	6.703711G	Inf	1
40.14M	6.66484G	6.70498G	37.565M	6.666097G	6.703663G	Inf	2
40.08M	6.66484G	6.70492G	37.613M	6.666097G	6.703711G	Inf	3
40.02M	6.66496G	6.70498G	37.565M	6.666097G	6.703663G	Inf	4

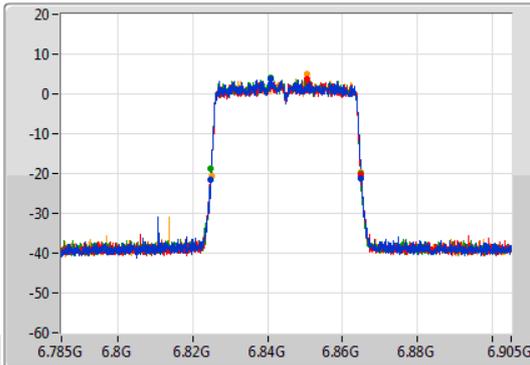
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

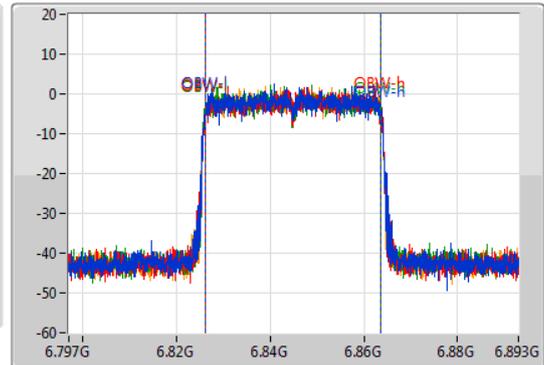
6845MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

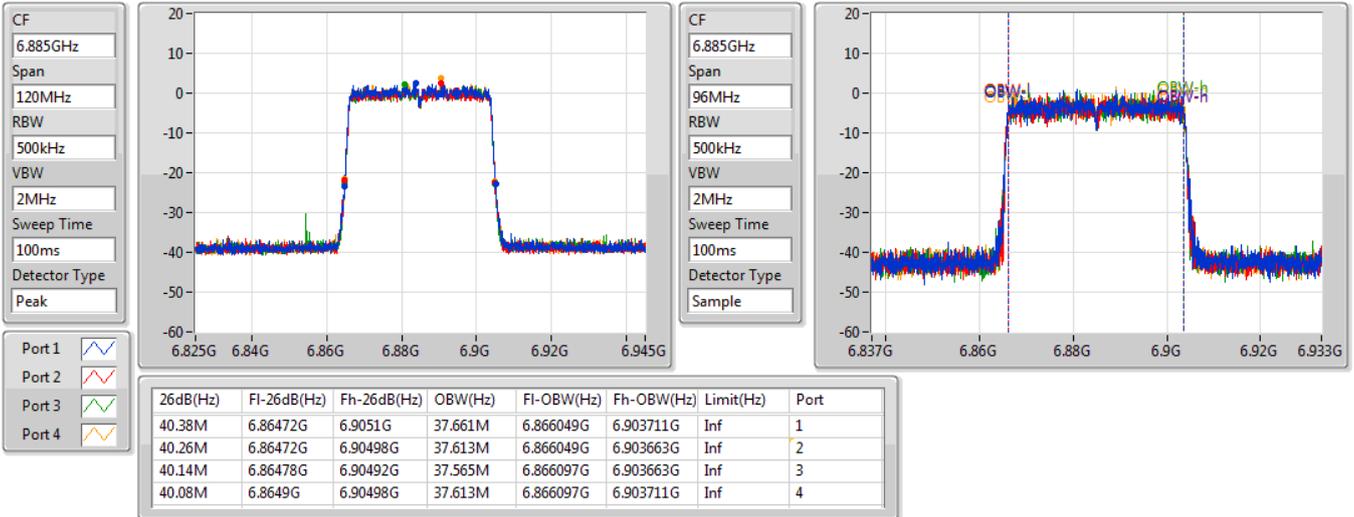
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.82478G	6.86504G	37.565M	6.826097G	6.863663G	Inf	1
40.38M	6.82466G	6.86504G	37.565M	6.826097G	6.863663G	Inf	2
40.02M	6.8249G	6.86492G	37.661M	6.826049G	6.863711G	Inf	3
39.9M	6.82496G	6.86486G	37.517M	6.826145G	6.863663G	Inf	4

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

6885MHz Straddle 6.525-6.875GHz

25/02/2021

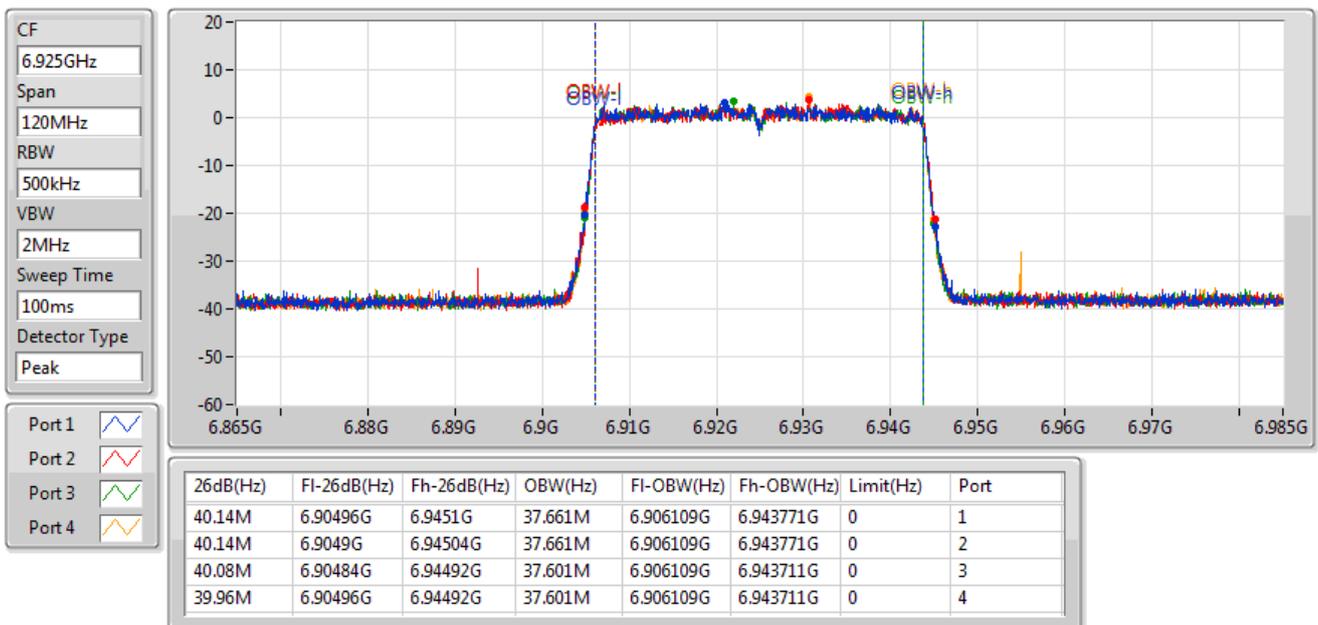


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

6925MHz

25/02/2021

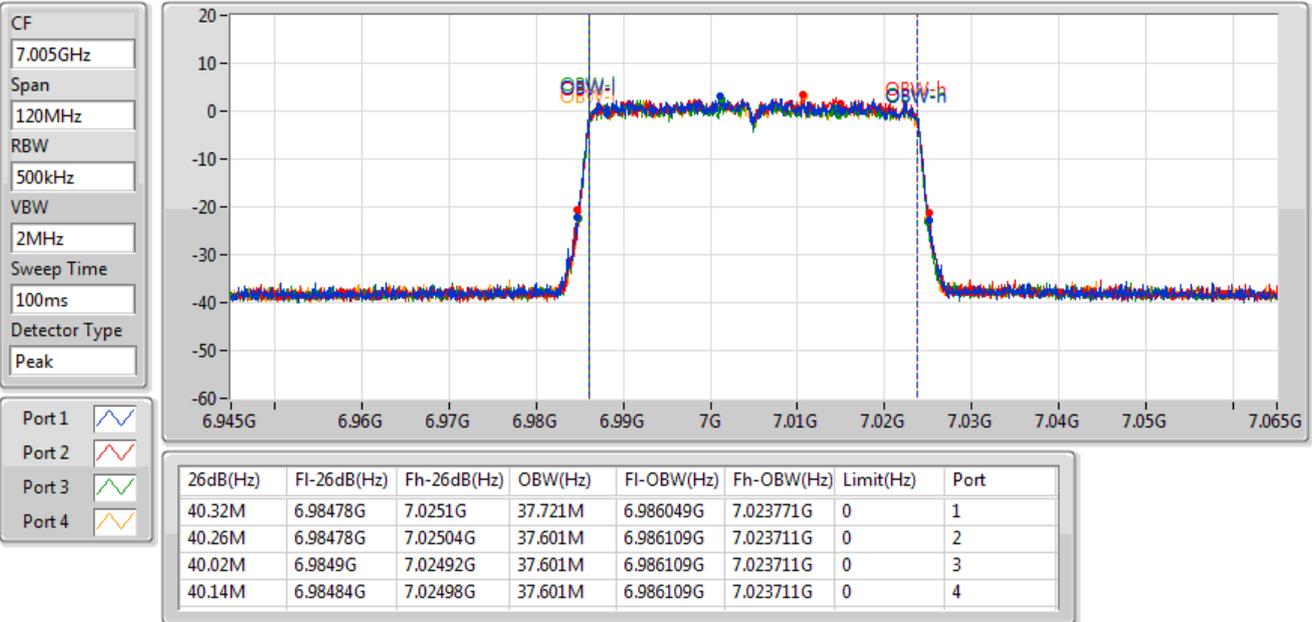


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

7005MHz

25/02/2021

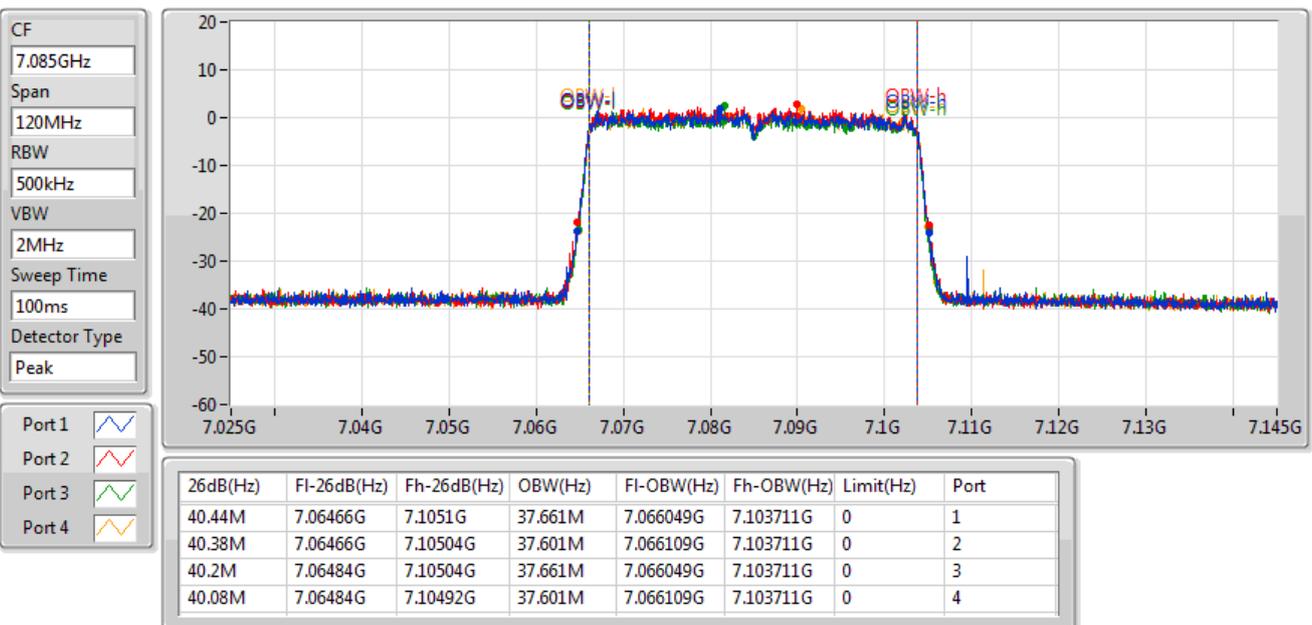


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

7085MHz

25/02/2021



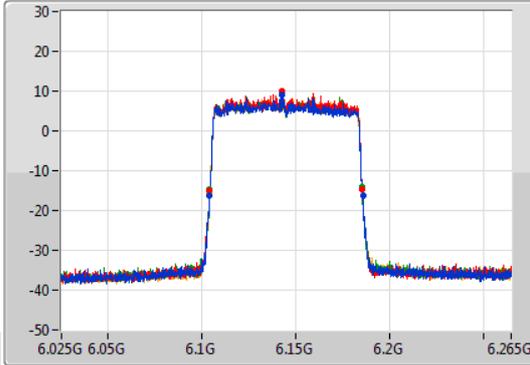
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

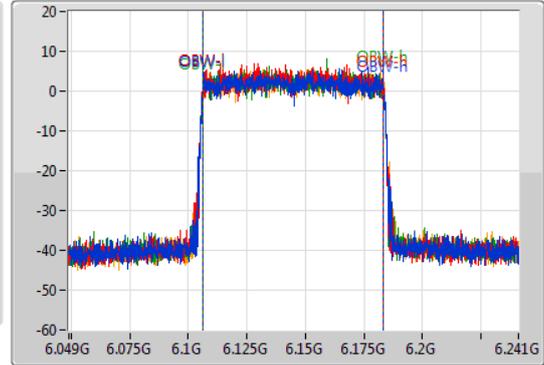
6145MHz

25/02/2021

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



CF  
6.145GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	6.1042G	6.18592G	77.049M	6.106331G	6.183381G	Inf	1
81.36M	6.1042G	6.18556G	77.049M	6.106331G	6.183381G	Inf	2
81.36M	6.1042G	6.18556G	77.049M	6.106331G	6.183381G	Inf	3
81.24M	6.1042G	6.18544G	77.049M	6.106427G	6.183477G	Inf	4

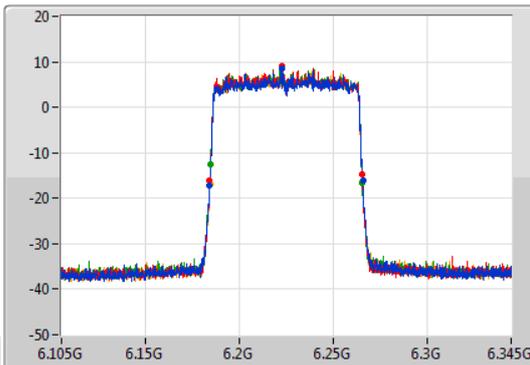
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

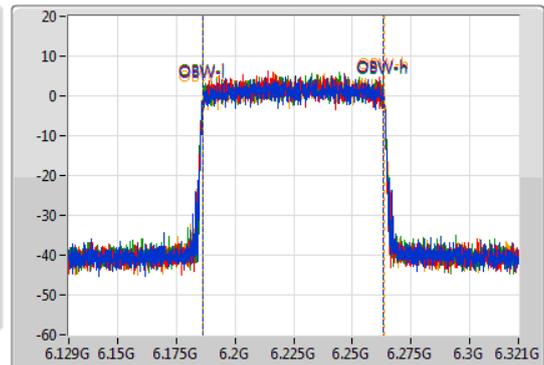
6225MHz

25/02/2021

CF  
6.225GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.225GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	6.1842G	6.26592G	77.049M	6.186427G	6.263477G	Inf	1
81.24M	6.1842G	6.26544G	76.954M	6.186427G	6.263381G	Inf	2
81.12M	6.18444G	6.26556G	77.049M	6.186331G	6.263381G	Inf	3
81.36M	6.18432G	6.26568G	77.241M	6.186331G	6.263573G	Inf	4

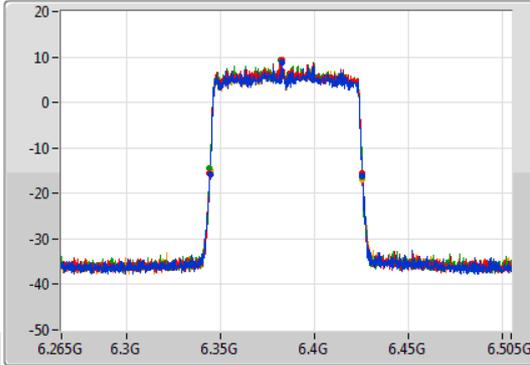
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

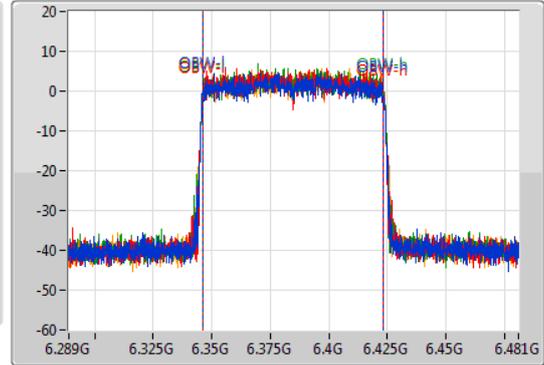
6385MHz

25/02/2021

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



CF  
6.385GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	6.34432G	6.42568G	77.145M	6.346235G	6.423381G	Inf	1
81.36M	6.3442G	6.42556G	76.954M	6.346331G	6.423285G	Inf	2
81.24M	6.3442G	6.42544G	77.049M	6.346331G	6.423381G	Inf	3
81.36M	6.34432G	6.42568G	76.858M	6.346427G	6.423285G	Inf	4

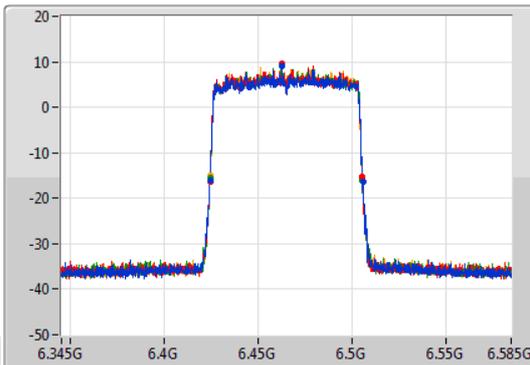
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

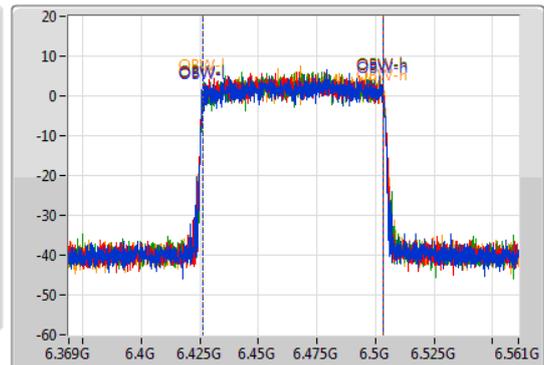
6465MHz

25/02/2021

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



CF  
6.465GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

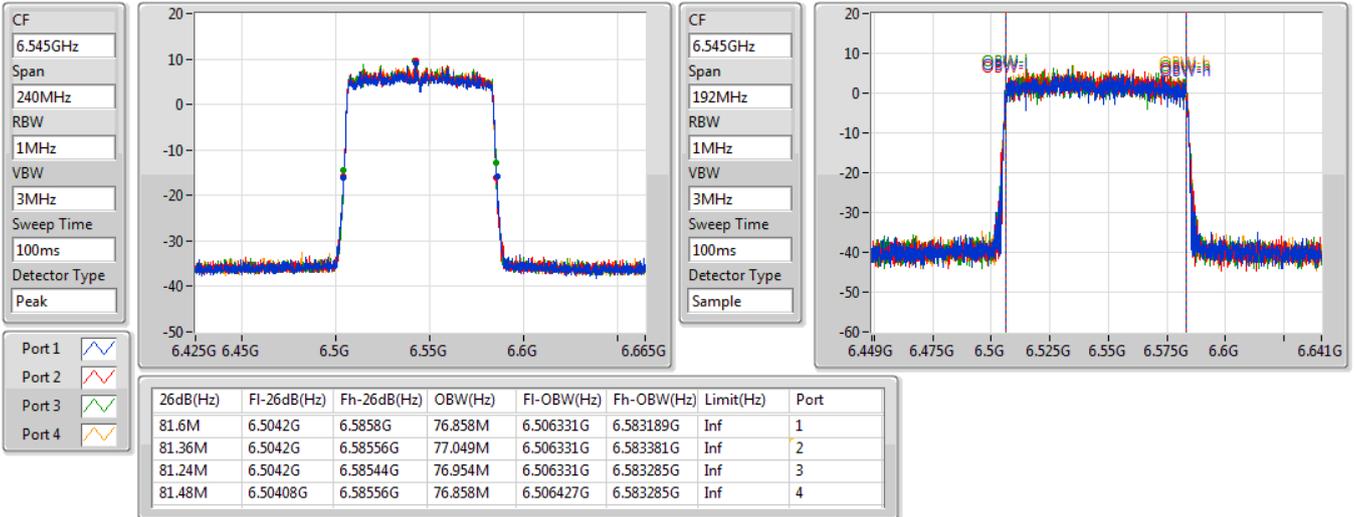
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	6.42432G	6.50604G	76.954M	6.426331G	6.503285G	Inf	1
81.12M	6.42432G	6.50544G	77.049M	6.426331G	6.503381G	Inf	2
81.24M	6.42432G	6.50556G	76.858M	6.426427G	6.503285G	Inf	3
81.24M	6.42444G	6.50568G	77.049M	6.426427G	6.503477G	Inf	4

802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

6545MHz Straddle 6.425-6.525GHz

25/02/2021

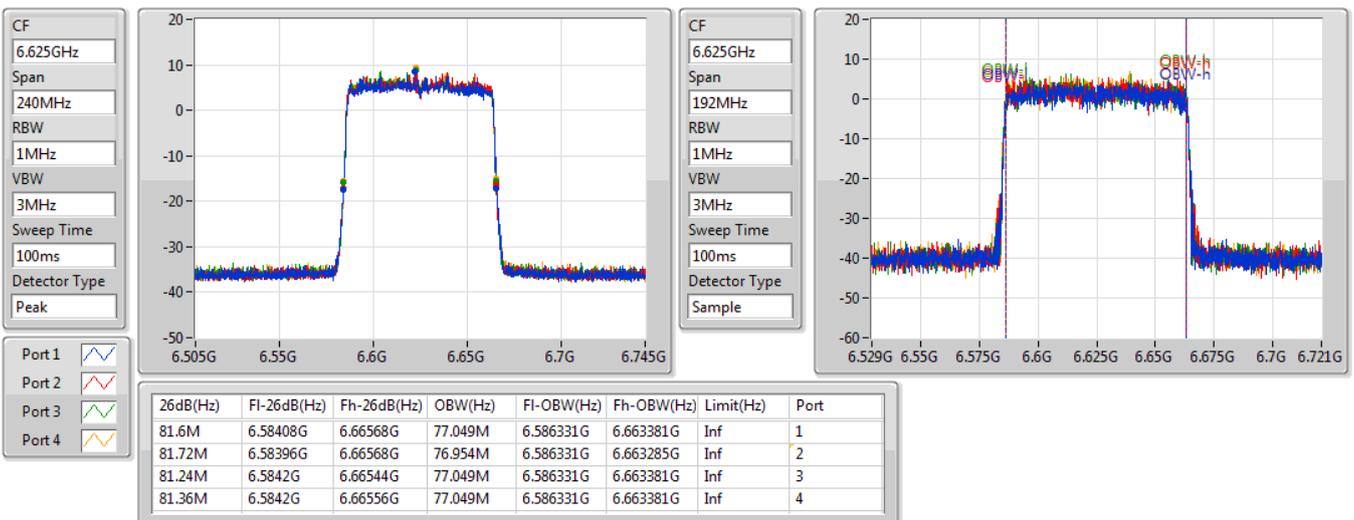


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

6625MHz

25/02/2021



802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

6705MHz

25/02/2021

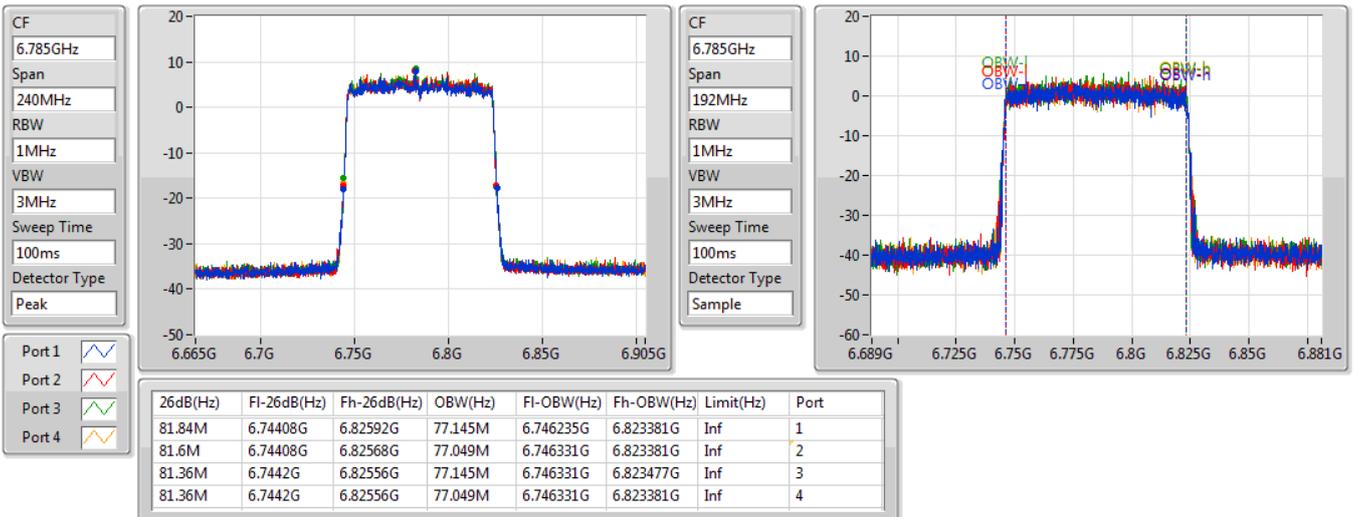


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

6785MHz

25/02/2021

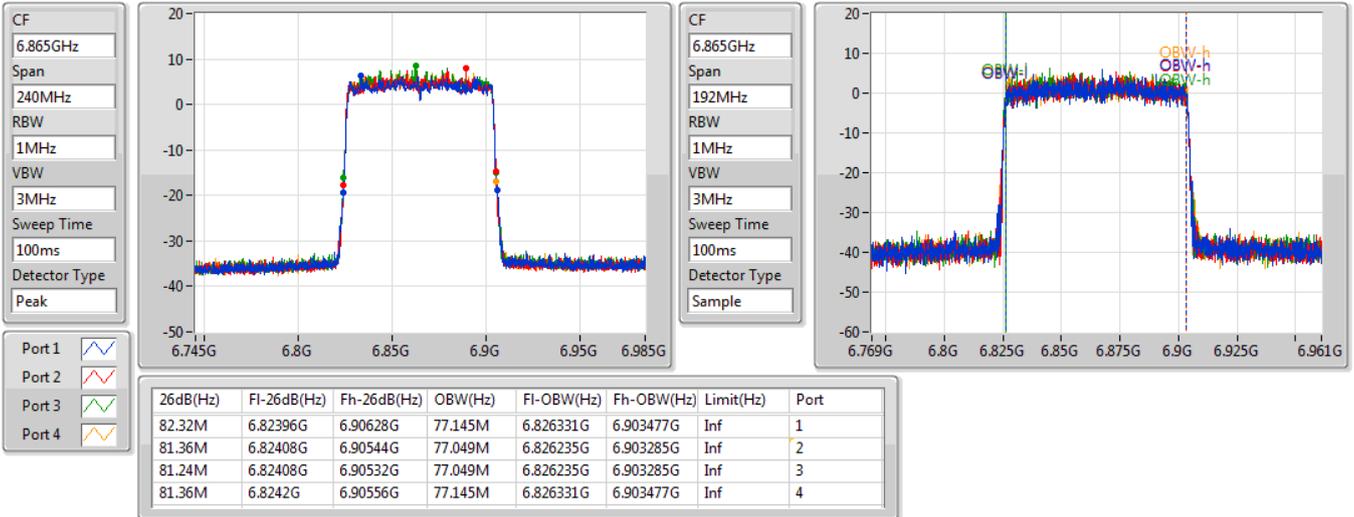


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

6865MHz Straddle 6.525-6.875GHz

25/02/2021

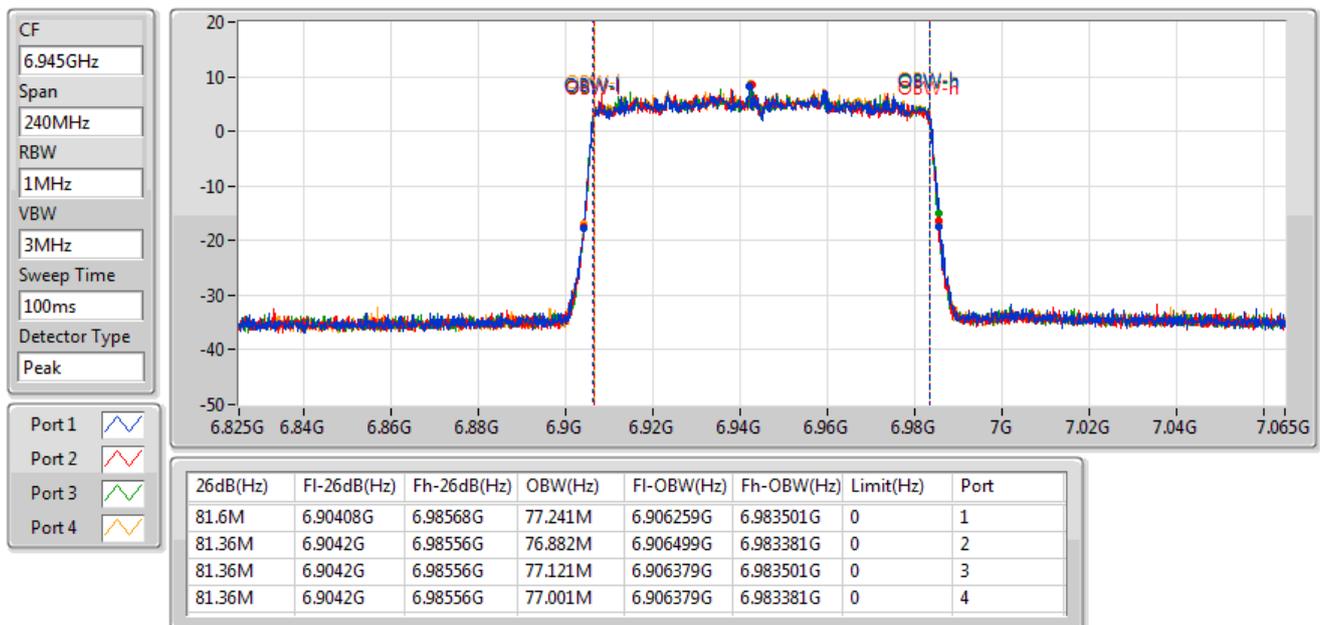


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

6945MHz

25/02/2021



### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

7025MHz

25/02/2021

CF  
7.025GHz

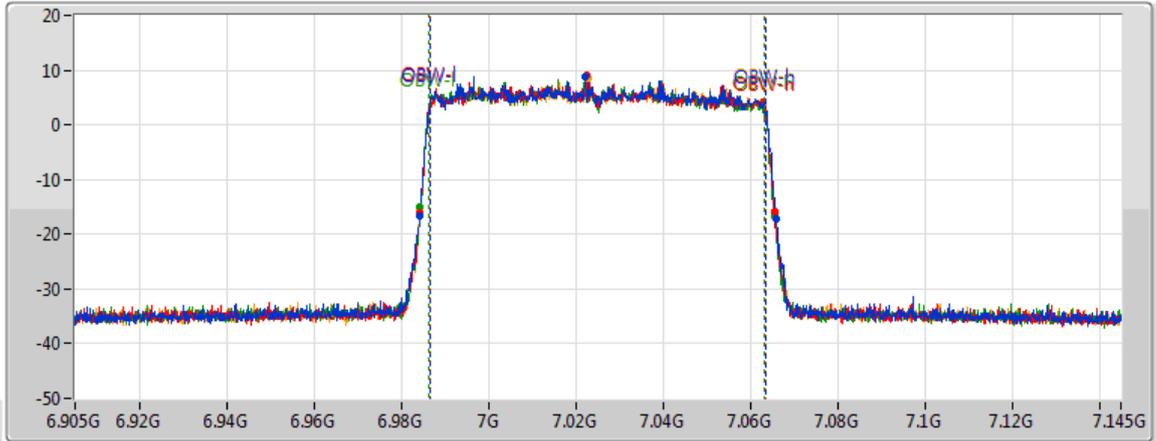
Span  
240MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	6.98408G	7.06592G	77.121M	6.986379G	7.063501G	0	1
81.24M	6.9842G	7.06544G	77.001M	6.986379G	7.063381G	0	2
81.6M	6.98408G	7.06568G	77.001M	6.986259G	7.063261G	0	3
81.48M	6.9842G	7.06568G	77.241M	6.986259G	7.063501G	0	4

### 802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

6185MHz

25/02/2021

CF  
6.185GHz

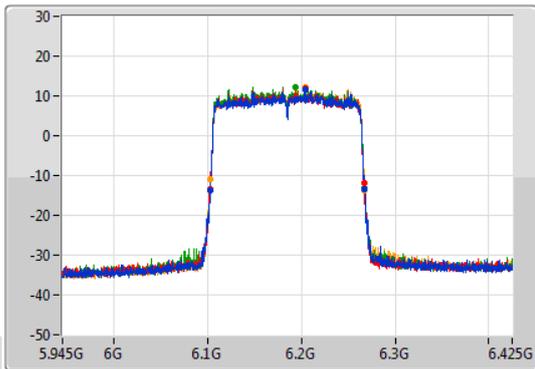
Span  
480MHz

RBW  
2MHz

VBW  
10MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
6.185GHz

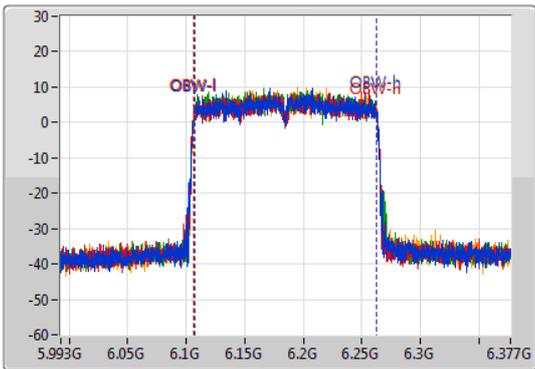
Span  
384MHz

RBW  
2MHz

VBW  
10MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.36M	6.10244G	6.2678G	155.442M	6.107087G	6.262529G	Inf	1
164.16M	6.10268G	6.26684G	155.442M	6.106895G	6.262337G	Inf	2
164.64M	6.10268G	6.26732G	155.442M	6.106895G	6.262337G	Inf	3
164.88M	6.10292G	6.2678G	155.442M	6.107279G	6.262721G	Inf	4

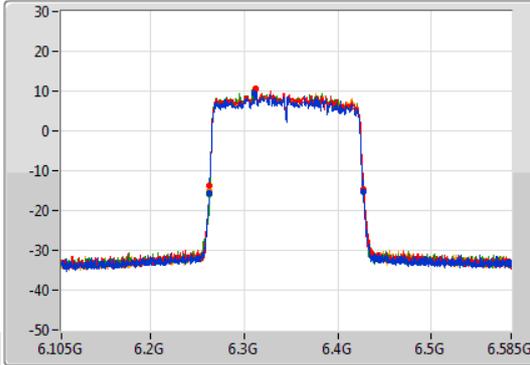
802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

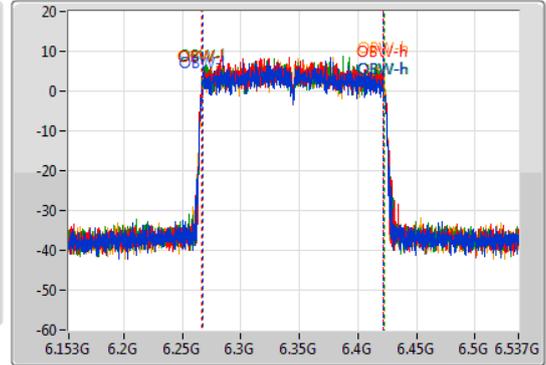
6345MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.26268G	6.42708G	154.867M	6.267087G	6.421954G	Inf	1
164.64M	6.26316G	6.4278G	155.058M	6.266895G	6.421954G	Inf	2
164.16M	6.2634G	6.42756G	155.058M	6.267087G	6.422145G	Inf	3
163.92M	6.26316G	6.42708G	155.25M	6.267087G	6.422337G	Inf	4

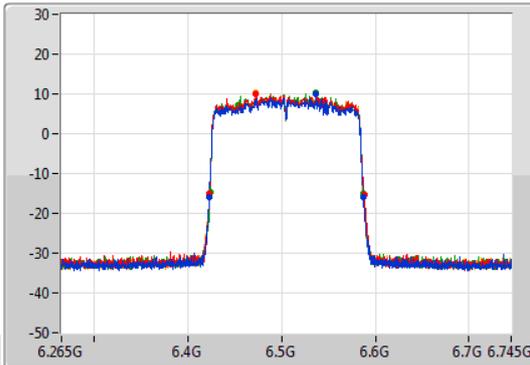
802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

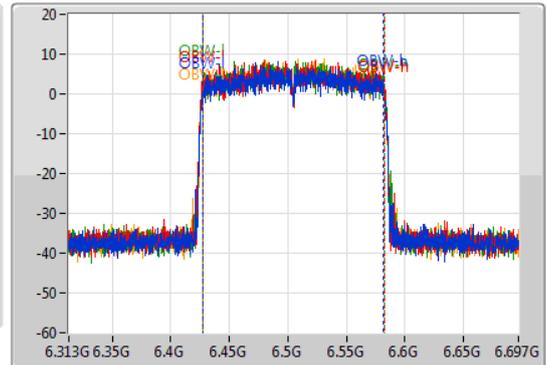
6505MHz Straddle 6.425-6.525GHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

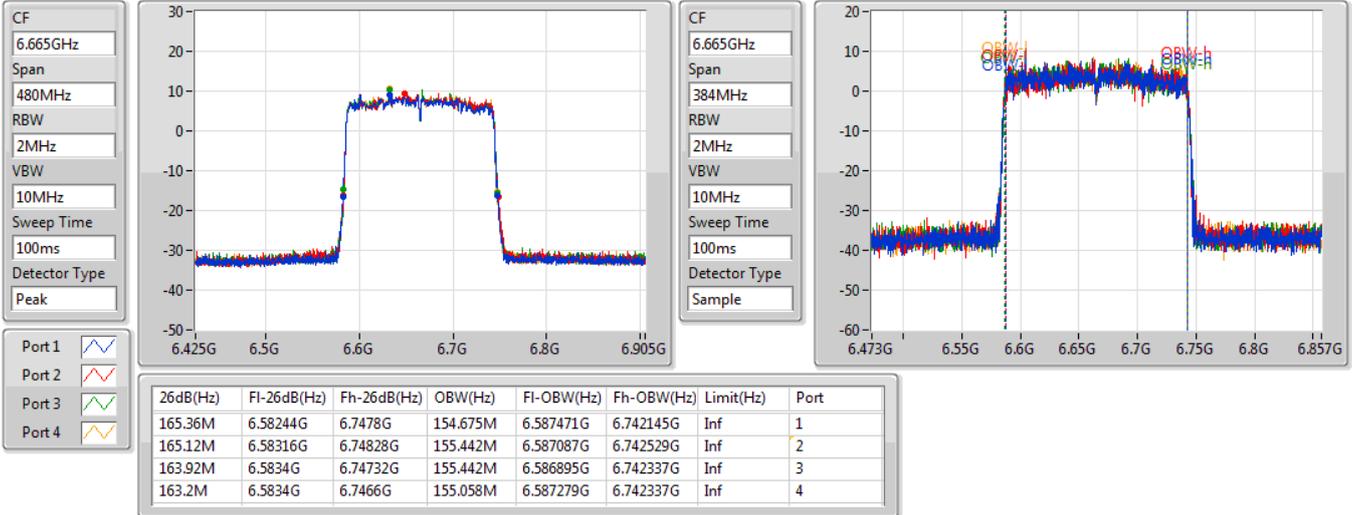
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.42292G	6.58732G	154.483M	6.427471G	6.581954G	Inf	1
164.88M	6.42316G	6.58804G	154.867M	6.427279G	6.582145G	Inf	2
163.68M	6.42364G	6.58732G	154.675M	6.427471G	6.582145G	Inf	3
163.68M	6.4234G	6.58708G	154.675M	6.427471G	6.582145G	Inf	4

802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

6665MHz

25/02/2021

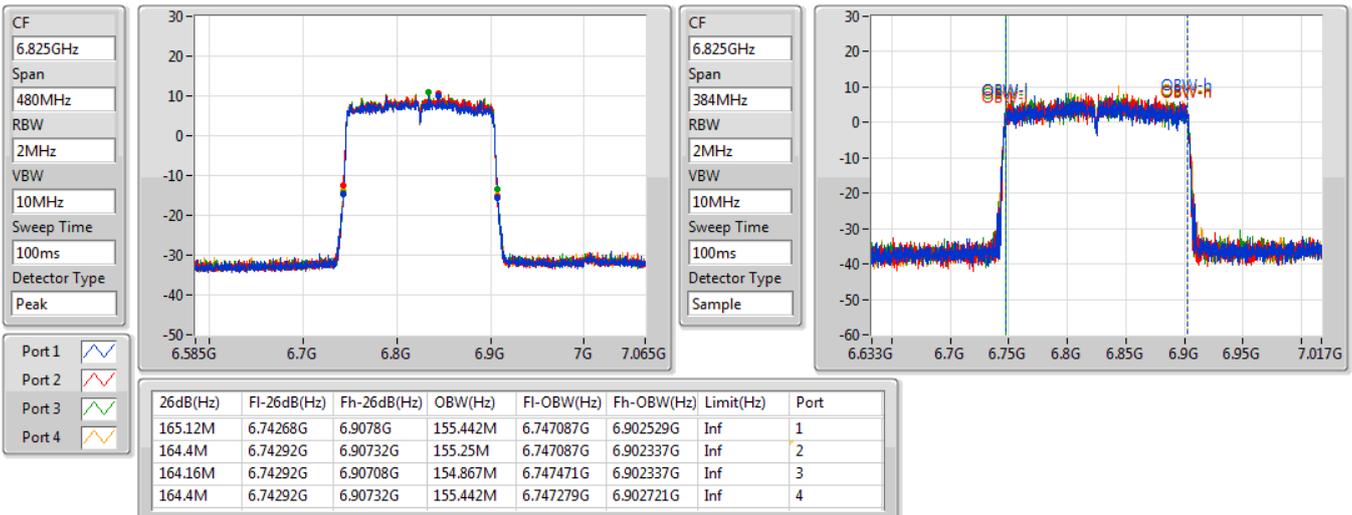


802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

6825MHz Straddle 6.525-6.875GHz

25/02/2021



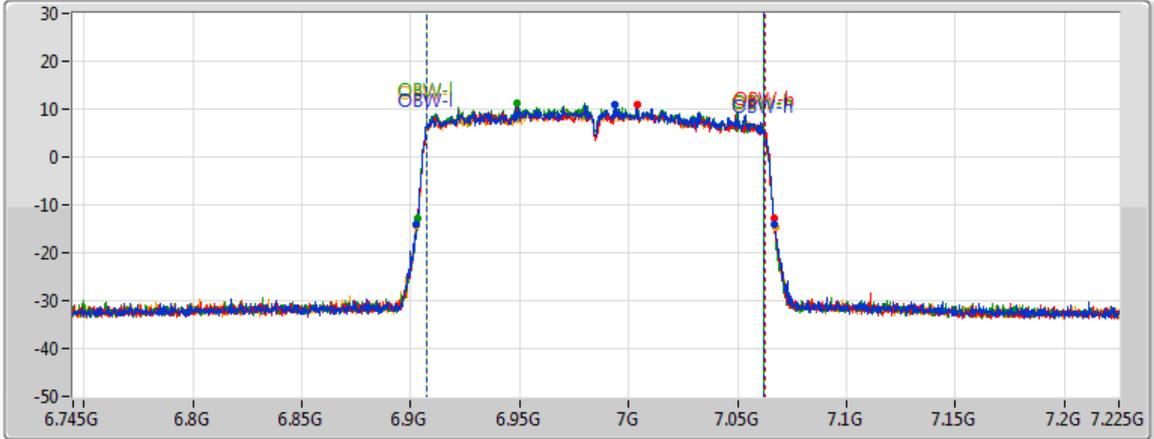
802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

EBW

6985MHz

25/02/2021

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



Port 1   
Port 2   
Port 3   
Port 4 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.90268G	7.06708G	155.202M	6.907039G	7.062241G	0	1
164.16M	6.90244G	7.0666G	155.202M	6.907279G	7.062481G	0	2
163.44M	6.90316G	7.0666G	154.483M	6.907279G	7.061762G	0	3
165.12M	6.9022G	7.06732G	155.202M	6.907039G	7.062241G	0	4

**Mode 3, Beamforming mode: Nss2**  
**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.78M	18.999M	19MOD1D	21.54M	18.975M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.32M	37.613M	37M6D1D	39.84M	37.517M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.145M	77M1D1D	81.12M	76.858M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165.36M	155.25M	155MD1D	164.16M	154.867M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.84M	18.999M	19MOD1D	21.57M	18.951M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.38M	37.661M	37M7D1D	39.84M	37.469M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.049M	77MOD1D	81.24M	76.858M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.64M	155.25M	155MD1D	164.16M	154.867M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.84M	19.022M	19MOD1D	21.54M	18.975M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.44M	37.613M	37M6D1D	39.78M	37.517M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.84M	77.241M	77M2D1D	81.24M	76.858M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	165.6M	155.442M	155MD1D	164.16M	154.675M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	21.81M	19.19M	19M2D1D	21.57M	19.07M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	40.26M	37.661M	37M7D1D	40.02M	37.541M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	81.72M	77.121M	77M1D1D	81.24M	77.001M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	164.64M	155.202M	155MD1D	163.92M	154.483M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6115MHz	Pass	Inf	21.6M	18.975M	21.54M	18.975M	21.75M	18.975M	21.57M	18.999M
6255MHz	Pass	Inf	21.72M	18.975M	21.66M	18.999M	21.78M	18.975M	21.75M	18.975M
6415MHz	Pass	Inf	21.6M	18.999M	21.75M	18.975M	21.72M	18.999M	21.6M	18.975M
6435MHz	Pass	Inf	21.78M	18.999M	21.78M	18.999M	21.84M	18.975M	21.69M	18.999M
6475MHz	Pass	Inf	21.78M	18.999M	21.72M	18.975M	21.78M	18.975M	21.66M	18.951M
6515MHz	Pass	Inf	21.69M	18.975M	21.72M	18.999M	21.81M	18.999M	21.57M	18.975M
6535MHz	Pass	Inf	21.75M	19.022M	21.54M	18.975M	21.84M	18.975M	21.75M	18.975M
6695MHz	Pass	Inf	21.72M	18.975M	21.63M	18.999M	21.78M	18.975M	21.69M	18.975M
6855MHz	Pass	Inf	21.72M	18.999M	21.72M	18.999M	21.78M	18.975M	21.66M	19.022M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	21.69M	18.999M	21.78M	18.975M	21.72M	18.975M	21.66M	18.999M
6895MHz	Pass	0	21.78M	19.13M	21.81M	19.1M	21.78M	19.16M	21.57M	19.07M
7015MHz	Pass	0	21.69M	19.19M	21.69M	19.1M	21.75M	19.13M	21.66M	19.1M
7095MHz	Pass	0	21.81M	19.16M	21.72M	19.07M	21.69M	19.13M	21.69M	19.13M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6125MHz	Pass	Inf	40.26M	37.565M	40.14M	37.565M	40.14M	37.517M	39.84M	37.517M
6245MHz	Pass	Inf	40.26M	37.565M	40.32M	37.517M	39.96M	37.517M	39.9M	37.613M
6405MHz	Pass	Inf	40.26M	37.613M	40.2M	37.565M	39.96M	37.613M	39.96M	37.517M
6445MHz	Pass	Inf	40.38M	37.517M	40.26M	37.565M	39.84M	37.613M	39.96M	37.565M
6485MHz	Pass	Inf	40.2M	37.469M	40.38M	37.517M	40.08M	37.613M	39.9M	37.517M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	40.14M	37.469M	40.26M	37.613M	40.2M	37.565M	39.9M	37.661M
6565MHz	Pass	Inf	40.2M	37.517M	40.2M	37.517M	39.78M	37.565M	40.14M	37.565M
6685MHz	Pass	Inf	40.32M	37.565M	40.38M	37.565M	39.96M	37.565M	39.96M	37.517M
6845MHz	Pass	Inf	40.32M	37.613M	40.2M	37.565M	40.2M	37.565M	39.9M	37.613M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	40.32M	37.565M	40.44M	37.565M	39.9M	37.565M	40.14M	37.565M
6925MHz	Pass	0	40.26M	37.601M	40.2M	37.601M	40.08M	37.661M	40.02M	37.541M
7005MHz	Pass	0	40.2M	37.661M	40.14M	37.601M	40.02M	37.661M	40.02M	37.601M
7085MHz	Pass	0	40.26M	37.661M	40.2M	37.601M	40.14M	37.601M	40.08M	37.601M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6145MHz	Pass	Inf	81.6M	77.049M	81.36M	76.954M	81.36M	77.049M	81.6M	76.858M
6225MHz	Pass	Inf	81.48M	76.954M	81.24M	77.049M	81.24M	77.145M	81.24M	77.049M
6385MHz	Pass	Inf	81.24M	77.049M	81.12M	77.145M	81.72M	76.858M	81.48M	76.954M
6465MHz	Pass	Inf	81.72M	76.954M	81.24M	76.954M	81.36M	76.954M	81.36M	77.049M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	81.72M	77.049M	81.24M	76.858M	81.48M	76.954M	81.48M	76.954M
6625MHz	Pass	Inf	81.84M	77.145M	81.24M	76.954M	81.48M	77.049M	81.48M	76.954M
6705MHz	Pass	Inf	81.48M	77.049M	81.48M	77.049M	81.24M	77.049M	81.24M	77.049M
6785MHz	Pass	Inf	81.48M	77.145M	81.36M	77.145M	81.6M	77.049M	81.36M	77.049M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	81.48M	77.241M	81.6M	76.858M	81.24M	77.049M	81.24M	77.049M
6945MHz	Pass	0	81.72M	77.121M	81.24M	77.001M	81.48M	77.121M	81.24M	77.001M
7025MHz	Pass	0	81.72M	77.121M	81.24M	77.121M	81.6M	77.121M	81.6M	77.121M
802.11ax HEW160-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz										
6185MHz	Pass	Inf	165.36M	155.058M	164.88M	154.867M	164.16M	155.25M	165.12M	155.058M
6345MHz	Pass	Inf	165.12M	155.25M	165.12M	155.058M	164.4M	155.25M	164.88M	155.25M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	164.4M	155.058M	164.16M	155.25M	164.16M	155.25M	164.64M	154.867M
6665MHz	Pass	Inf	165.12M	155.058M	164.4M	155.442M	164.64M	155.442M	165.6M	155.058M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.12M	155.25M	164.64M	154.675M	164.16M	155.442M	164.4M	155.058M
6985MHz	Pass	0	164.4M	155.202M	164.16M	155.202M	163.92M	154.483M	164.64M	155.202M

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

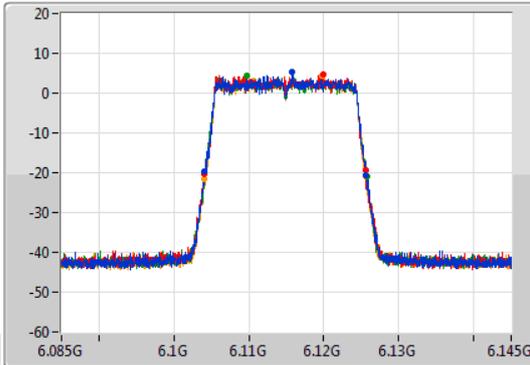
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

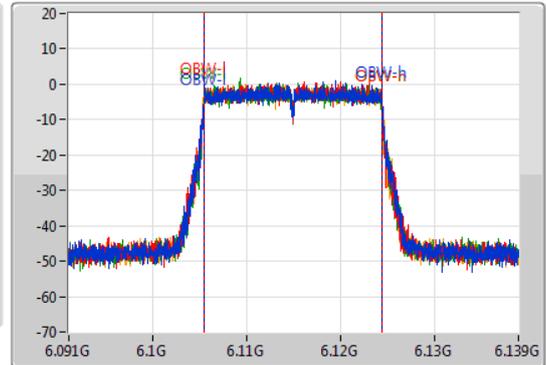
6115MHz

26/02/2021

CF  
6.115GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.115GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	6.10408G	6.12568G	18.975M	6.105429G	6.124403G	Inf	1
21.54M	6.10408G	6.12562G	18.975M	6.105429G	6.124403G	Inf	2
21.75M	6.10399G	6.12574G	18.975M	6.105429G	6.124403G	Inf	3
21.57M	6.10408G	6.12565G	18.999M	6.105405G	6.124403G	Inf	4

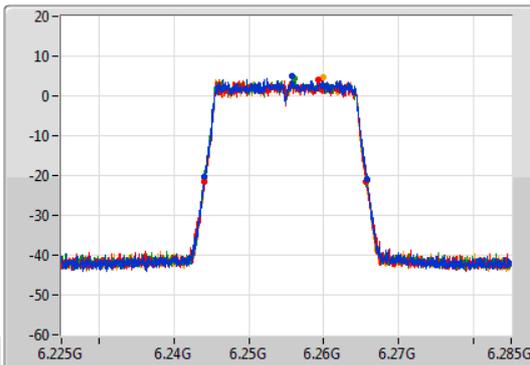
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

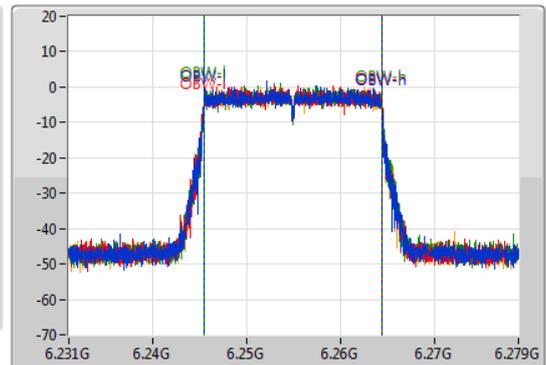
6255MHz

26/02/2021

CF  
6.255GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.255GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

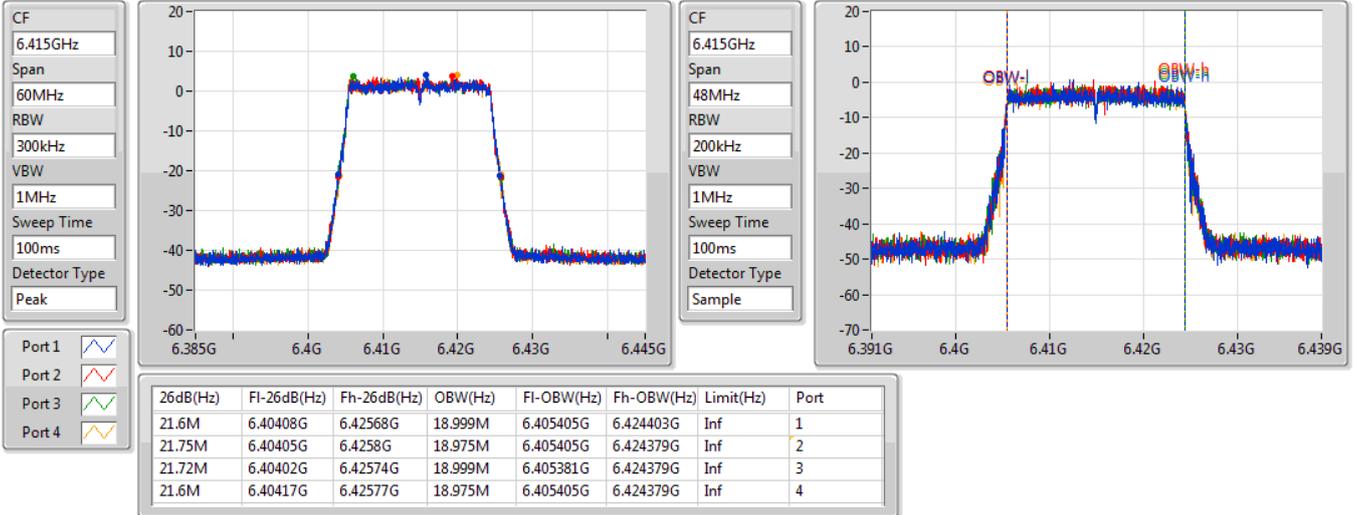
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.24408G	6.2658G	18.975M	6.245405G	6.264379G	Inf	1
21.66M	6.24402G	6.26568G	18.999M	6.245405G	6.264403G	Inf	2
21.78M	6.24399G	6.26577G	18.975M	6.245429G	6.264403G	Inf	3
21.75M	6.24411G	6.26586G	18.975M	6.245405G	6.264379G	Inf	4

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

6415MHz

26/02/2021

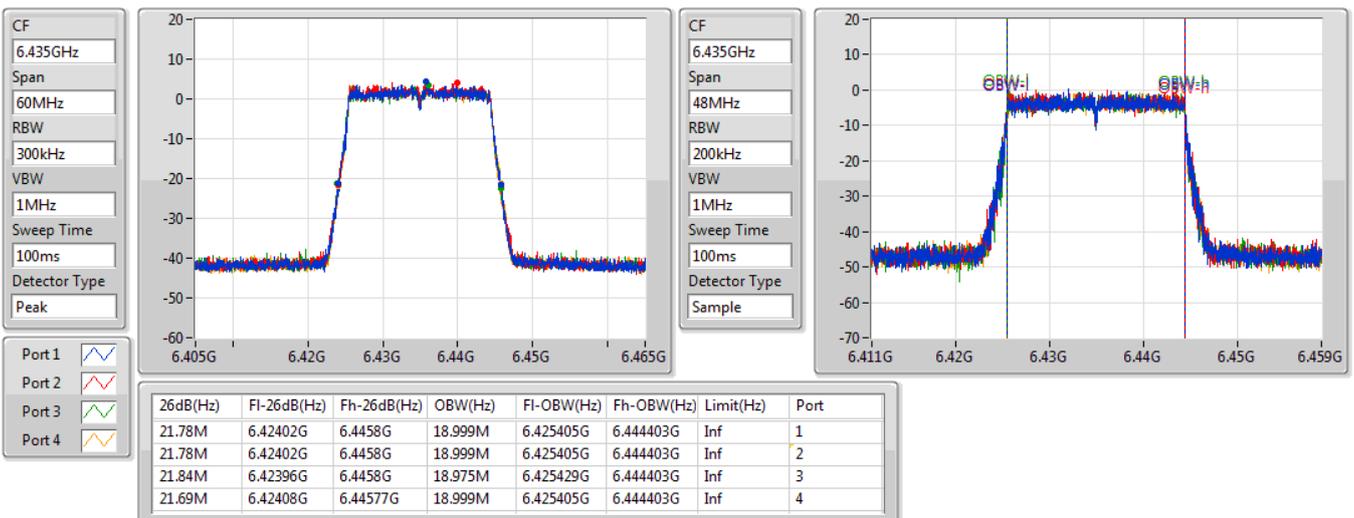


802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

6435MHz

26/02/2021



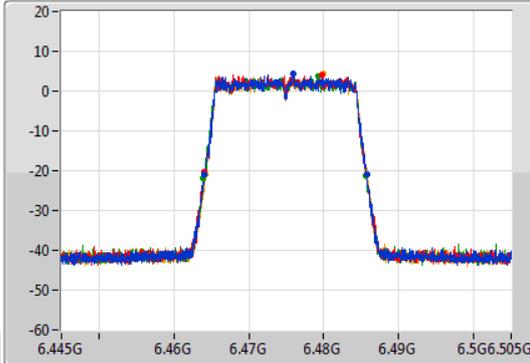
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

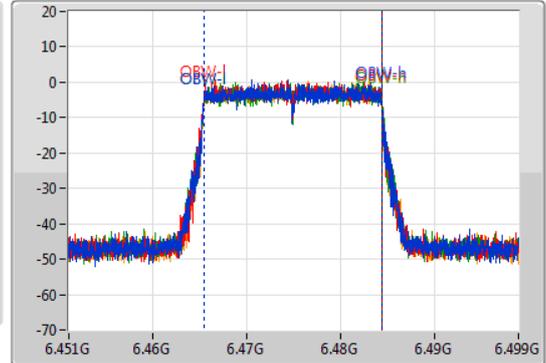
6475MHz

26/02/2021

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



CF  
6.475GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	6.46402G	6.4858G	18.999M	6.465405G	6.484403G	Inf	1
21.72M	6.46405G	6.48577G	18.975M	6.465405G	6.484379G	Inf	2
21.78M	6.4639G	6.48568G	18.975M	6.465429G	6.484403G	Inf	3
21.66M	6.46414G	6.4858G	18.951M	6.465429G	6.484379G	Inf	4

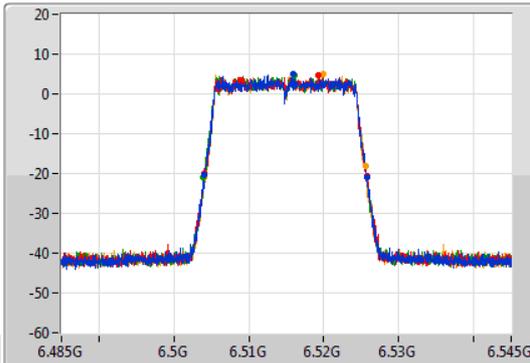
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

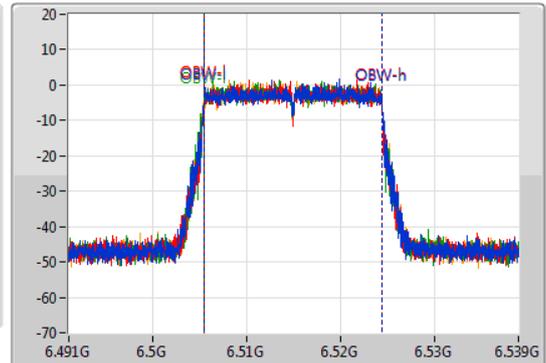
6515MHz

26/02/2021

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



CF  
6.515GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	6.50405G	6.52574G	18.975M	6.505405G	6.524379G	Inf	1
21.72M	6.50402G	6.52574G	18.999M	6.505405G	6.524403G	Inf	2
21.81M	6.50393G	6.52574G	18.999M	6.505381G	6.524379G	Inf	3
21.57M	6.50411G	6.52568G	18.975M	6.505405G	6.524379G	Inf	4

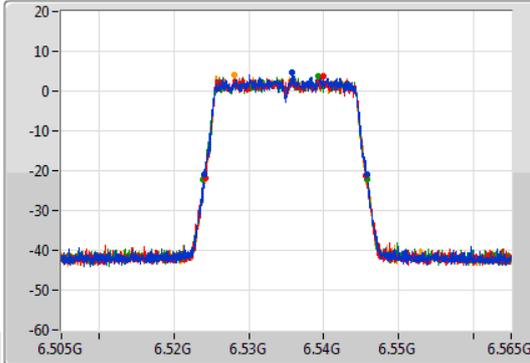
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

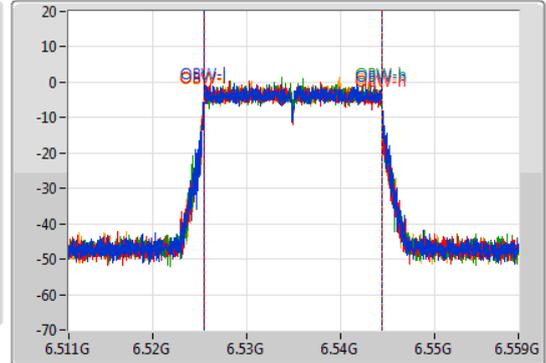
6535MHz

26/02/2021

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



CF  
6.535GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	6.52402G	6.54577G	19.022M	6.525381G	6.544403G	Inf	1
21.54M	6.52414G	6.54568G	18.975M	6.525405G	6.544379G	Inf	2
21.84M	6.52393G	6.54577G	18.975M	6.525405G	6.544379G	Inf	3
21.75M	6.52408G	6.54583G	18.975M	6.525405G	6.544379G	Inf	4

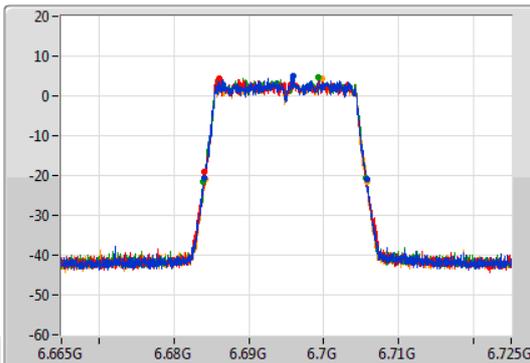
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

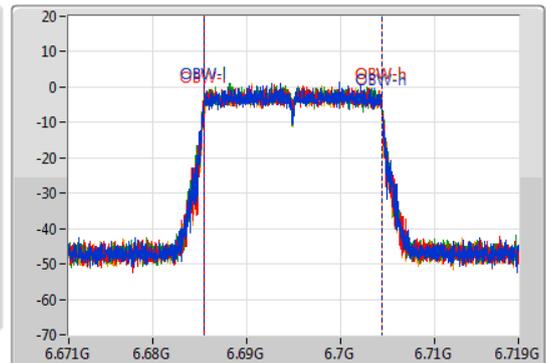
6695MHz

26/02/2021

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



CF  
6.695GHz  
Span  
48MHz  
RBW  
200kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

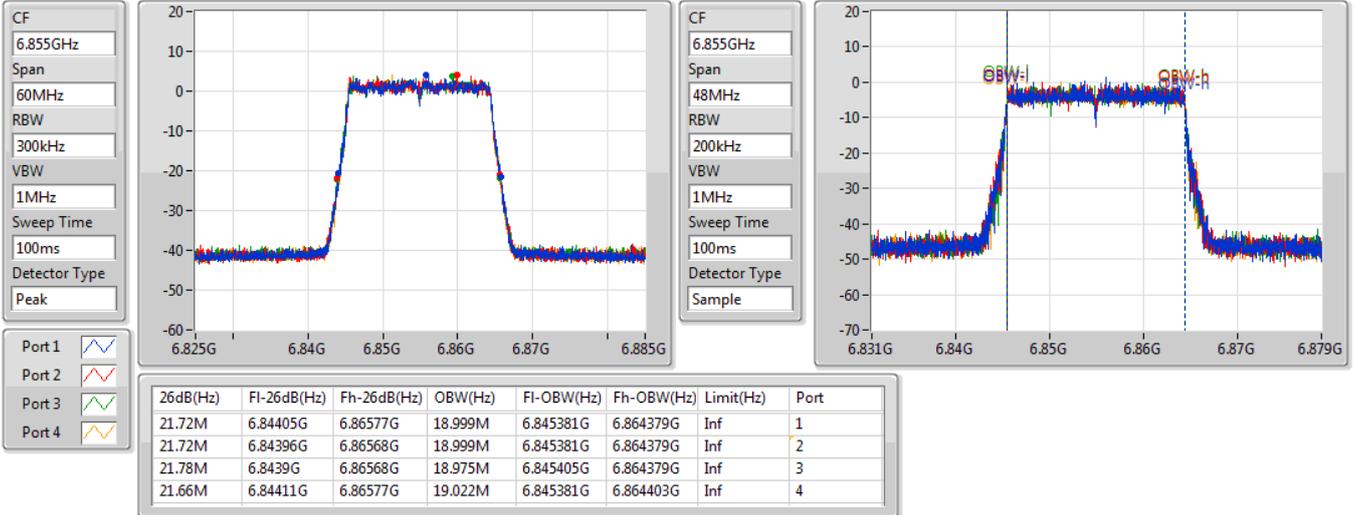
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	6.68402G	6.70574G	18.975M	6.685405G	6.704379G	Inf	1
21.63M	6.68411G	6.70574G	18.999M	6.685381G	6.704379G	Inf	2
21.78M	6.6839G	6.70568G	18.975M	6.685405G	6.704379G	Inf	3
21.69M	6.68417G	6.70586G	18.975M	6.685405G	6.704379G	Inf	4

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

6855MHz

26/02/2021

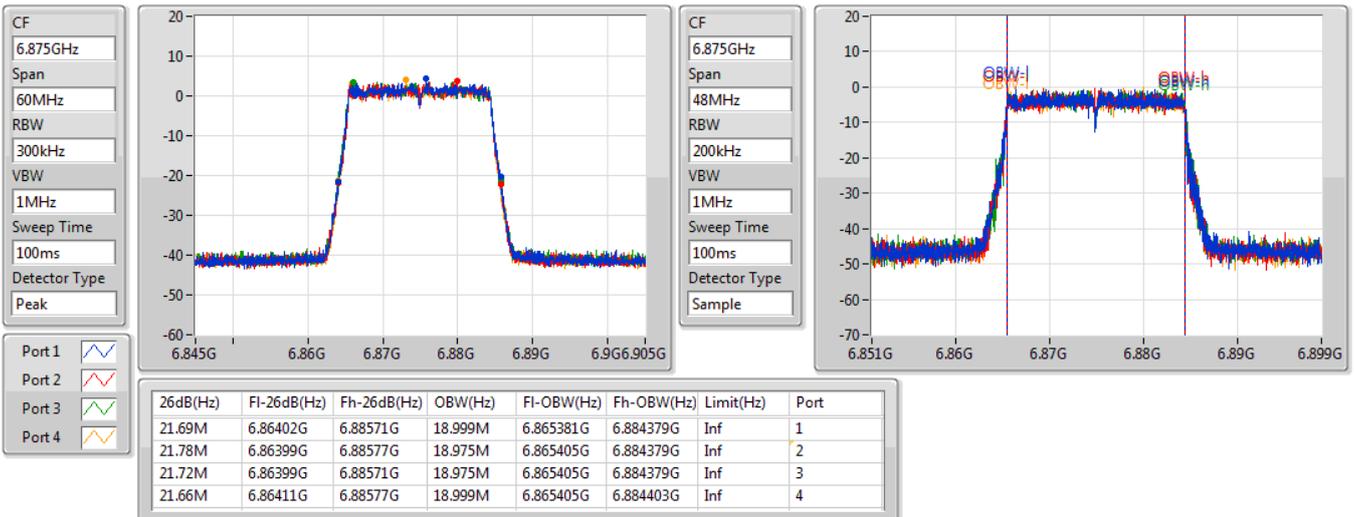


802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

6875MHz Straddle 6.525-6.875GHz

26/02/2021

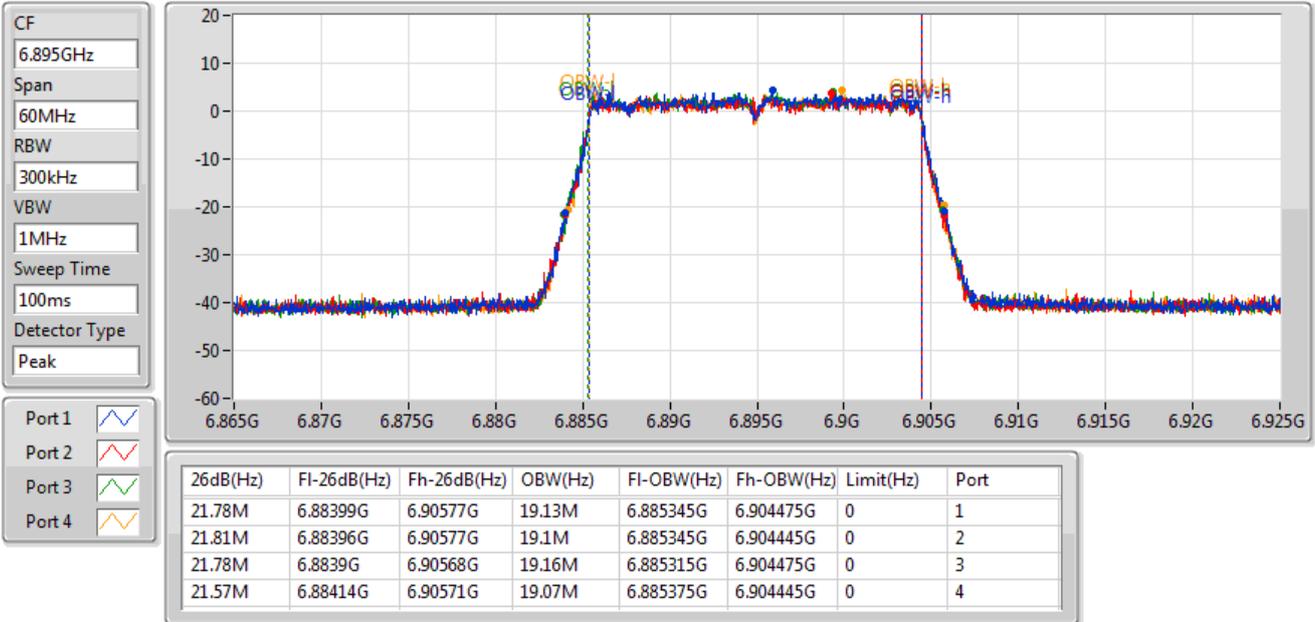


### 802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

6895MHz

26/02/2021

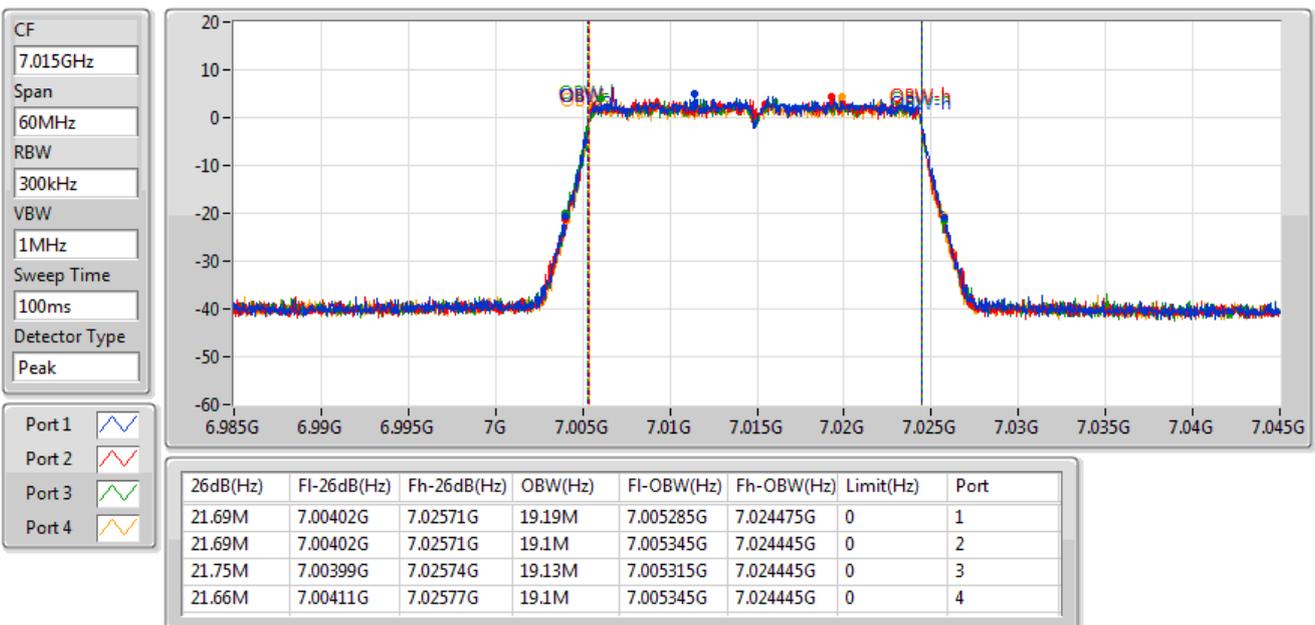


### 802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

7015MHz

26/02/2021



### 802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

7095MHz

26/02/2021

CF  
7.095GHz

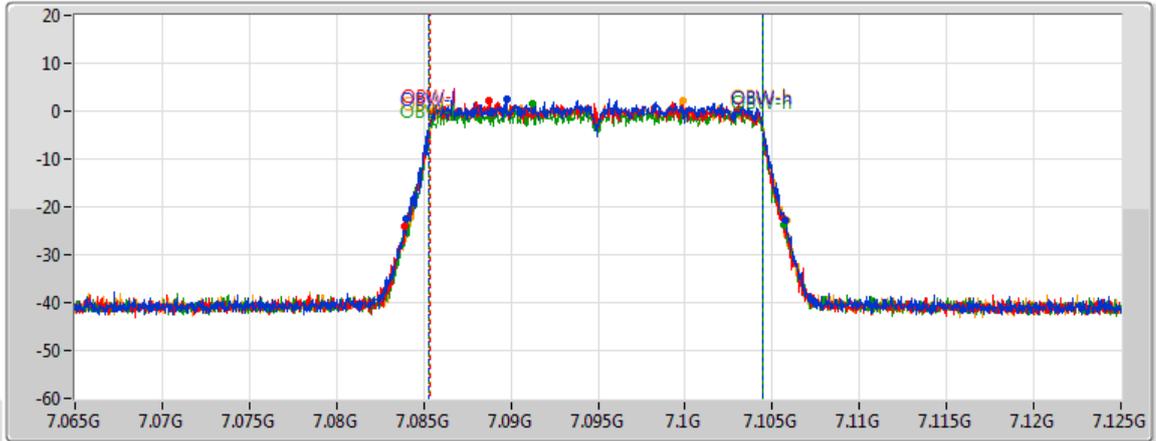
Span  
60MHz

RBW  
300kHz

VBW  
1MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	7.08396G	7.10577G	19.16M	7.085315G	7.104475G	0	1
21.72M	7.0839G	7.10562G	19.07M	7.085345G	7.104415G	0	2
21.69M	7.08399G	7.10568G	19.13M	7.085315G	7.104445G	0	3
21.69M	7.08411G	7.1058G	19.13M	7.085345G	7.104475G	0	4

### 802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

6125MHz

26/02/2021

CF  
6.125GHz

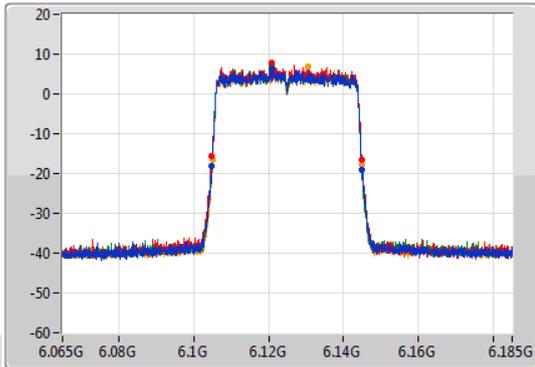
Span  
120MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Peak



CF  
6.125GHz

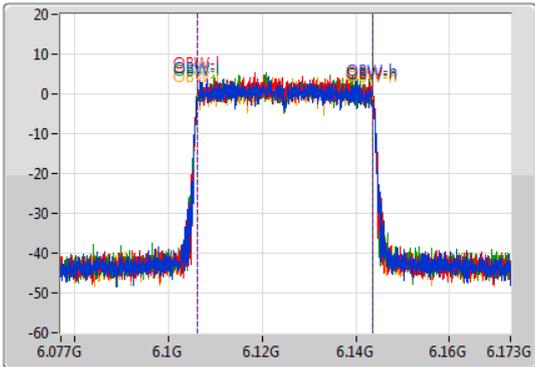
Span  
96MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Sample



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.10478G	6.14504G	37.565M	6.106049G	6.143615G	Inf	1
40.14M	6.10484G	6.14498G	37.565M	6.106145G	6.143711G	Inf	2
40.14M	6.10484G	6.14498G	37.517M	6.106097G	6.143615G	Inf	3
39.84M	6.10502G	6.14486G	37.517M	6.106145G	6.143663G	Inf	4

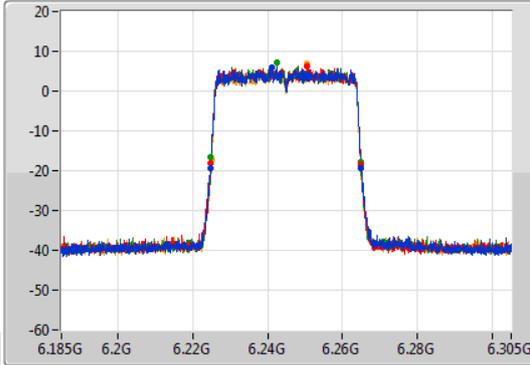
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

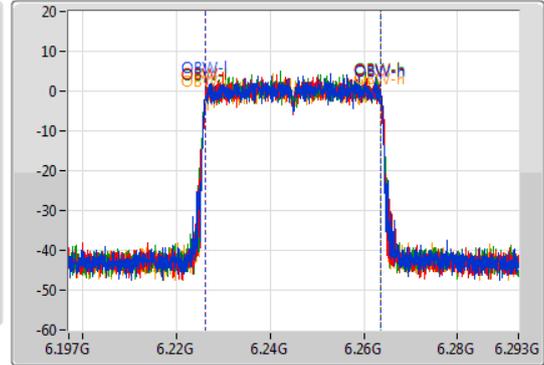
6245MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.22478G	6.26504G	37.565M	6.226145G	6.263711G	Inf	1
40.32M	6.22472G	6.26504G	37.517M	6.226193G	6.263711G	Inf	2
39.96M	6.2249G	6.26486G	37.517M	6.226097G	6.263615G	Inf	3
39.9M	6.22502G	6.26492G	37.613M	6.226097G	6.263711G	Inf	4

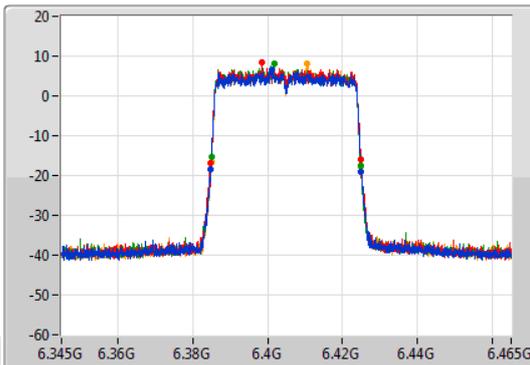
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

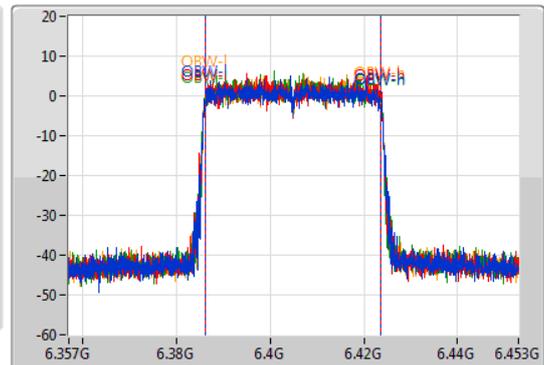
6405MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	6.38478G	6.42504G	37.613M	6.386049G	6.423663G	Inf	1
40.2M	6.38472G	6.42492G	37.565M	6.386097G	6.423663G	Inf	2
39.96M	6.38496G	6.42492G	37.613M	6.386049G	6.423663G	Inf	3
39.96M	6.38496G	6.42492G	37.517M	6.386097G	6.423615G	Inf	4

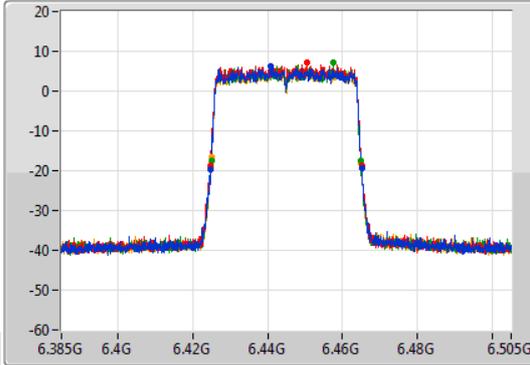
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

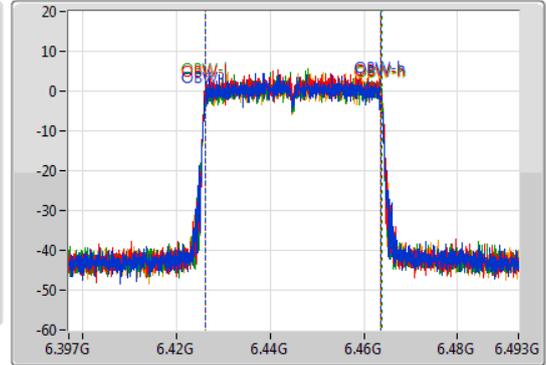
6445MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	6.42472G	6.4651G	37.517M	6.426145G	6.463663G	Inf	1
40.26M	6.42484G	6.4651G	37.565M	6.426097G	6.463663G	Inf	2
39.84M	6.42496G	6.4648G	37.613M	6.426145G	6.463759G	Inf	3
39.96M	6.42502G	6.46498G	37.565M	6.426097G	6.463663G	Inf	4

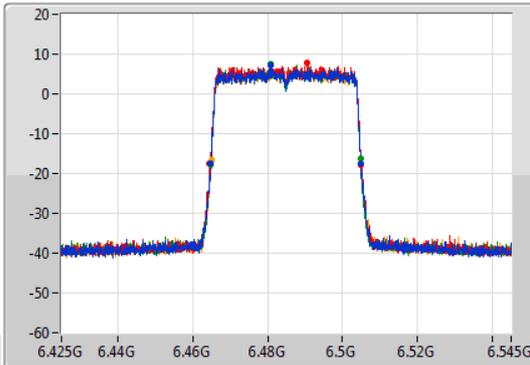
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

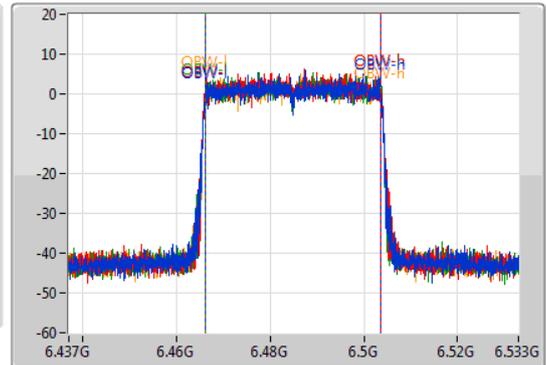
6485MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

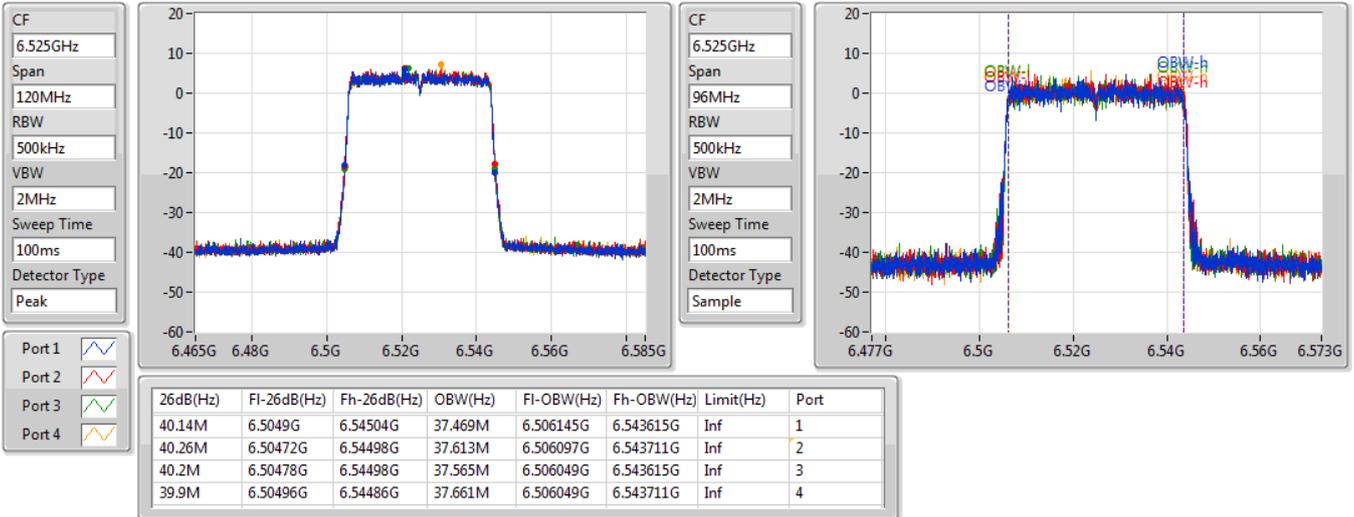
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	6.46478G	6.50498G	37.469M	6.466145G	6.503615G	Inf	1
40.38M	6.4646G	6.50498G	37.517M	6.466097G	6.503615G	Inf	2
40.08M	6.46484G	6.50492G	37.613M	6.466097G	6.503711G	Inf	3
39.9M	6.46502G	6.50492G	37.517M	6.466097G	6.503615G	Inf	4

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

6525MHz Straddle 6.425-6.525GHz

26/02/2021

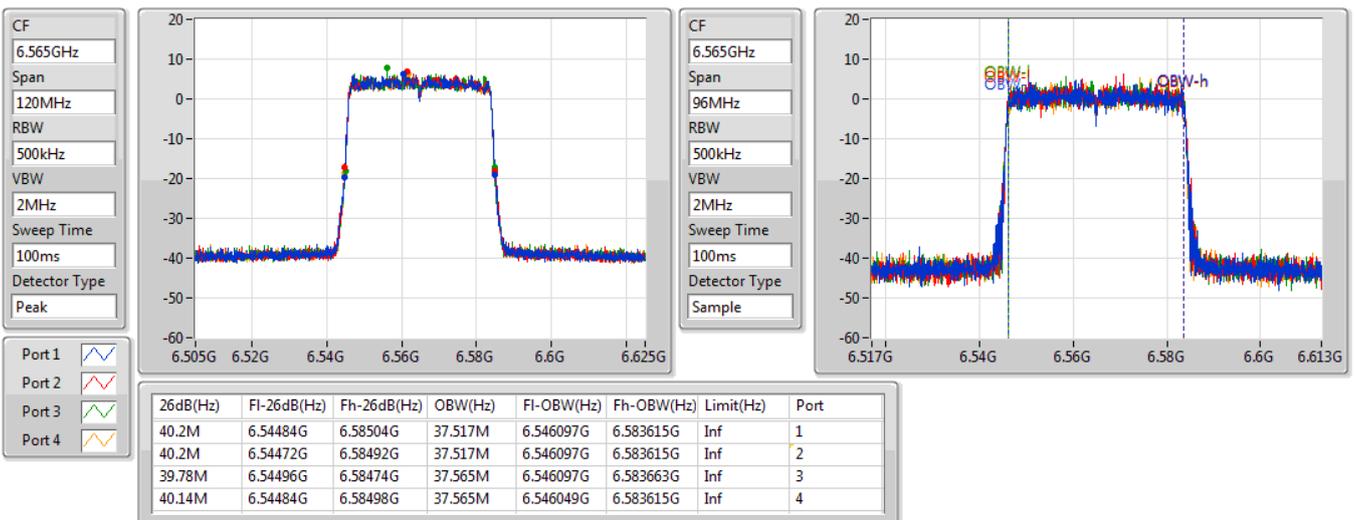


802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

6565MHz

26/02/2021



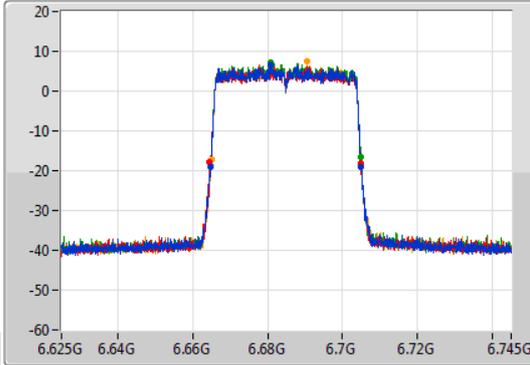
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

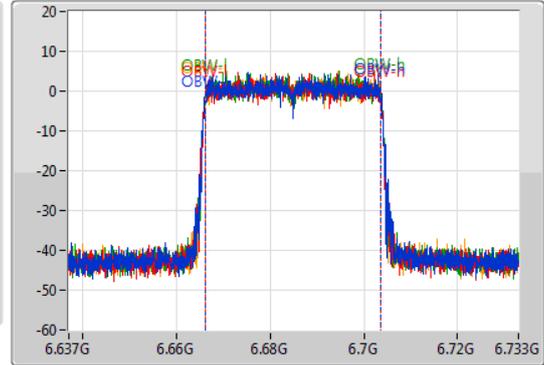
6685MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	6.66472G	6.70504G	37.565M	6.666097G	6.703663G	Inf	1
40.38M	6.6646G	6.70498G	37.565M	6.666049G	6.703615G	Inf	2
39.96M	6.6649G	6.70486G	37.565M	6.666097G	6.703663G	Inf	3
39.96M	6.66496G	6.70492G	37.517M	6.666097G	6.703615G	Inf	4

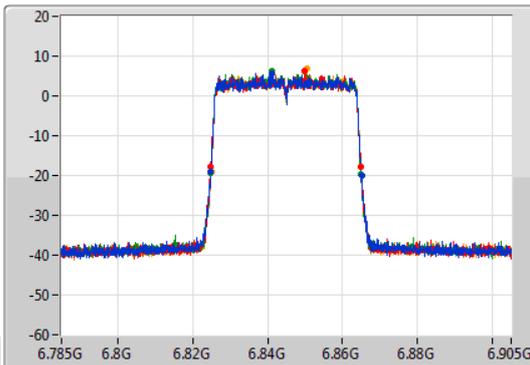
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

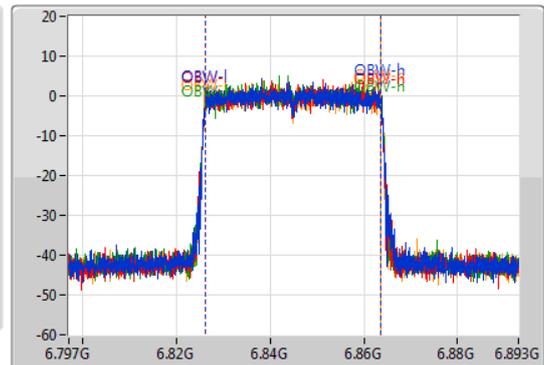
6845MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

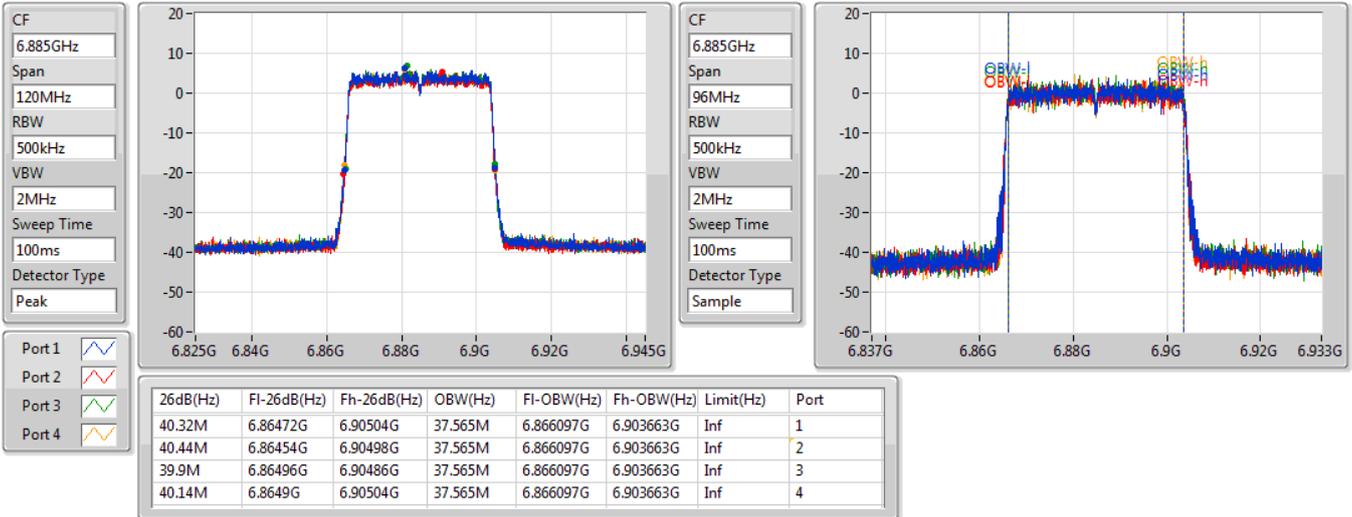
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	6.82478G	6.8651G	37.613M	6.826097G	6.863711G	Inf	1
40.2M	6.82478G	6.86498G	37.565M	6.826097G	6.863663G	Inf	2
40.2M	6.82484G	6.86504G	37.565M	6.826097G	6.863663G	Inf	3
39.9M	6.82496G	6.86486G	37.613M	6.826049G	6.863663G	Inf	4

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

6885MHz Straddle 6.525-6.875GHz

26/02/2021

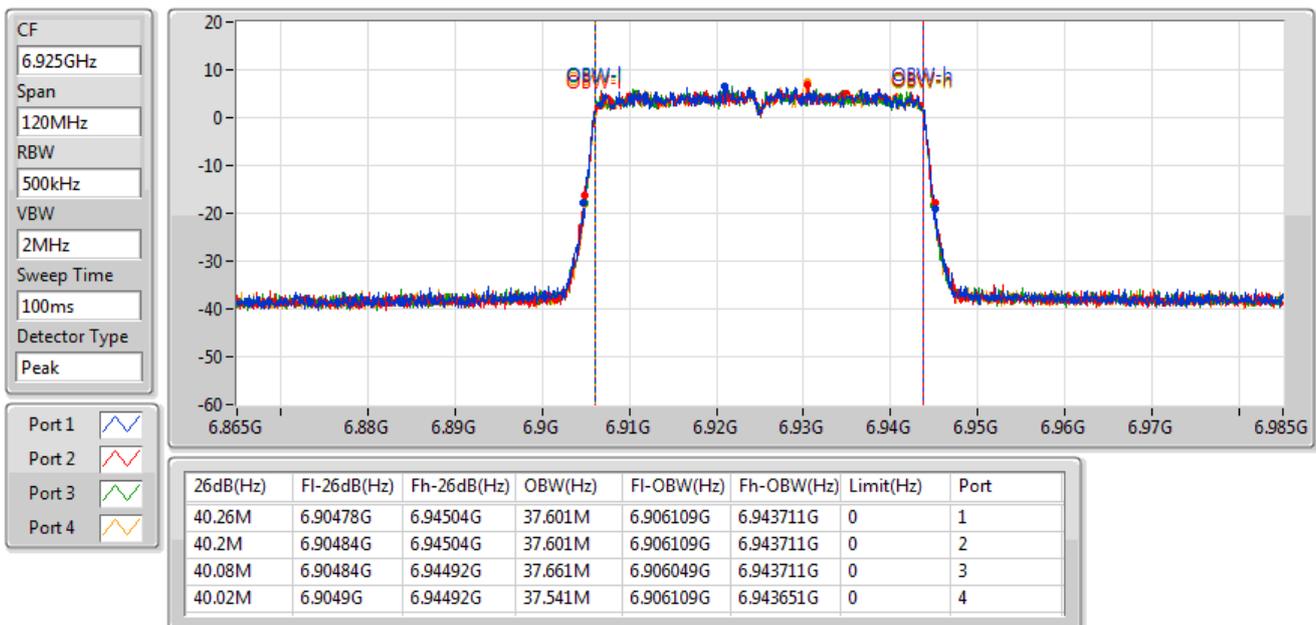


802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

6925MHz

26/02/2021



### 802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

7005MHz

26/02/2021

CF  
7.005GHz

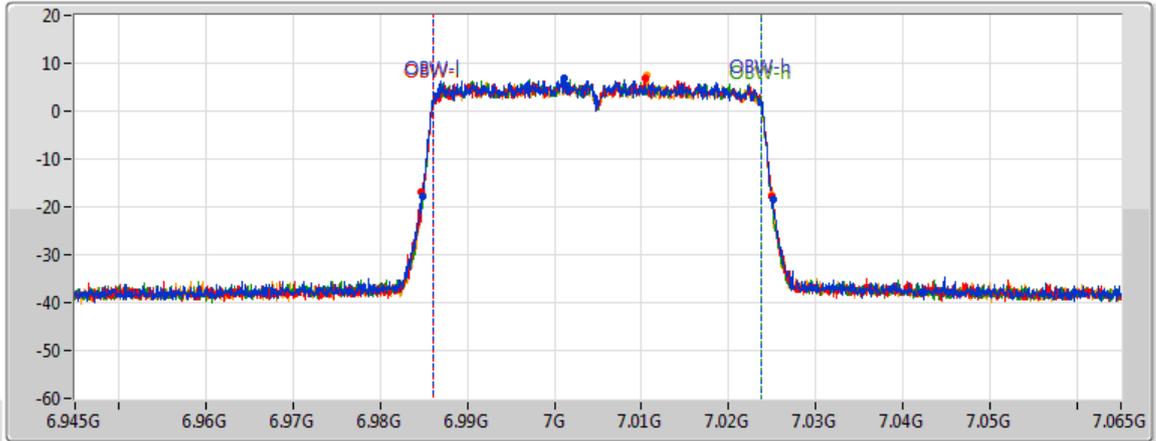
Span  
120MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	6.98484G	7.02504G	37.661M	6.986049G	7.023711G	0	1
40.14M	6.98478G	7.02492G	37.601M	6.986109G	7.023711G	0	2
40.02M	6.9849G	7.02492G	37.661M	6.986049G	7.023711G	0	3
40.02M	6.9849G	7.02492G	37.601M	6.986049G	7.023651G	0	4

### 802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

7085MHz

26/02/2021

CF  
7.085GHz

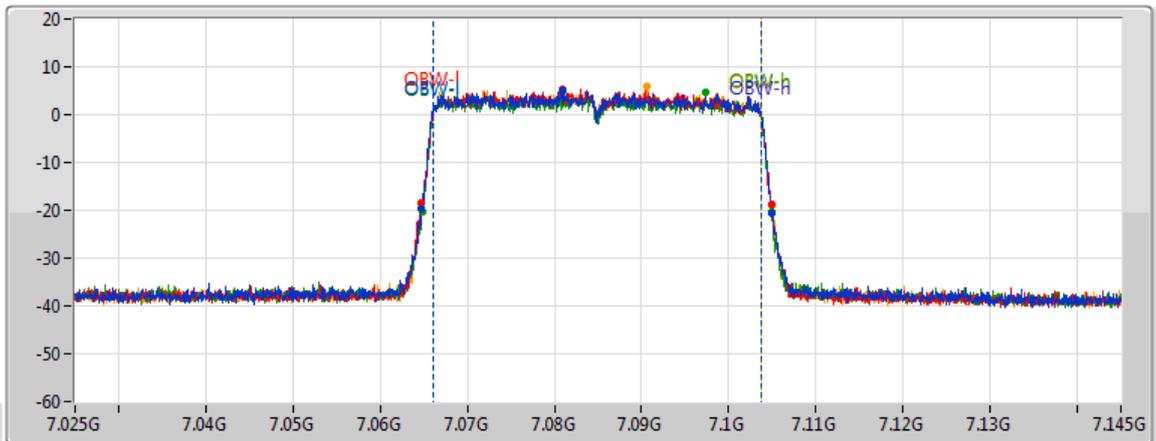
Span  
120MHz

RBW  
500kHz

VBW  
2MHz

Sweep Time  
100ms

Detector Type  
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	7.06472G	7.10498G	37.661M	7.066049G	7.103711G	0	1
40.2M	7.06466G	7.10486G	37.601M	7.066049G	7.103651G	0	2
40.14M	7.06484G	7.10498G	37.601M	7.066049G	7.103651G	0	3
40.08M	7.06478G	7.10486G	37.601M	7.066049G	7.103651G	0	4

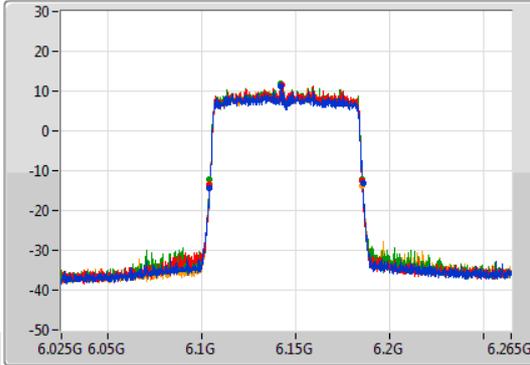
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

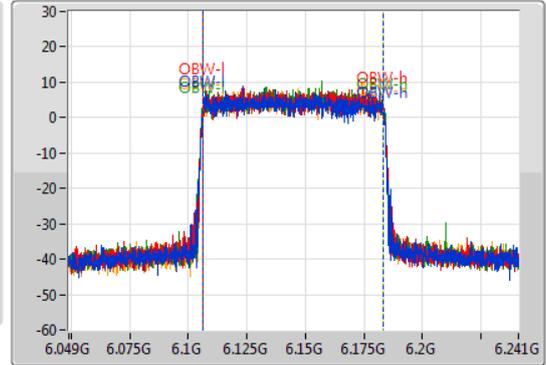
6145MHz

26/02/2021

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



CF  
6.145GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	6.1042G	6.1858G	77.049M	6.106331G	6.183381G	Inf	1
81.36M	6.1042G	6.18556G	76.954M	6.106427G	6.183381G	Inf	2
81.36M	6.1042G	6.18556G	77.049M	6.106331G	6.183381G	Inf	3
81.6M	6.10408G	6.18568G	76.858M	6.106427G	6.183285G	Inf	4

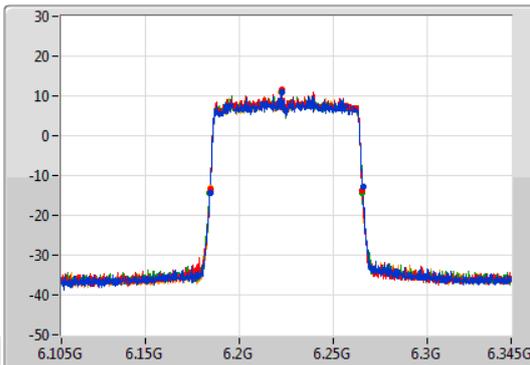
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

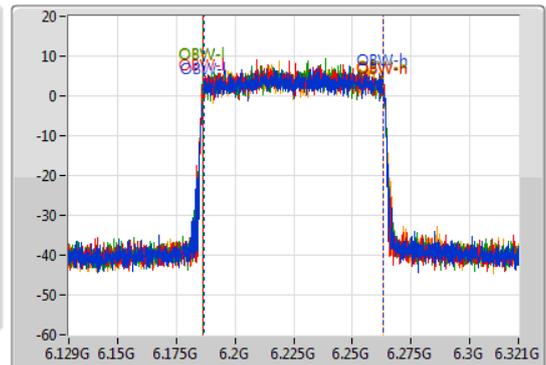
6225MHz

26/02/2021

CF  
6.225GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.225GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.18432G	6.2658G	76.954M	6.186523G	6.263477G	Inf	1
81.24M	6.18432G	6.26556G	77.049M	6.186331G	6.263381G	Inf	2
81.24M	6.1842G	6.26544G	77.145M	6.186235G	6.263381G	Inf	3
81.24M	6.18432G	6.26556G	77.049M	6.186331G	6.263381G	Inf	4

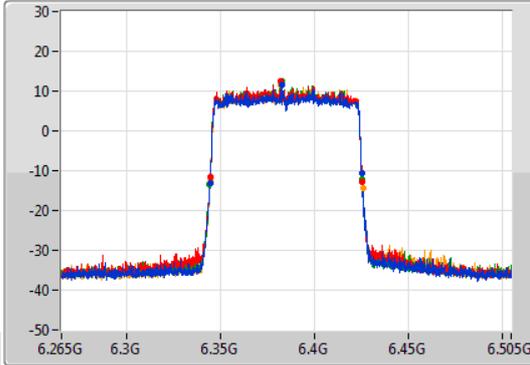
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

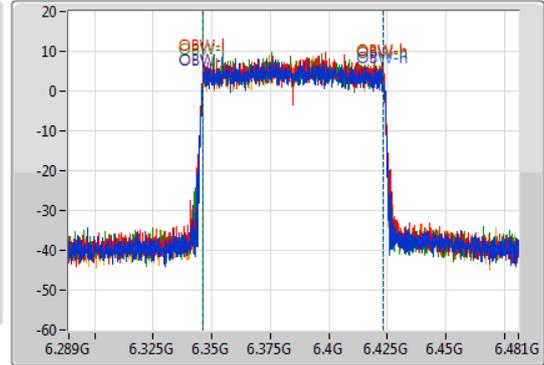
6385MHz

26/02/2021

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



CF  
6.385GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	6.34432G	6.42556G	77.049M	6.346331G	6.423381G	Inf	1
81.12M	6.34432G	6.42544G	77.145M	6.346331G	6.423477G	Inf	2
81.72M	6.34396G	6.42568G	76.858M	6.346427G	6.423285G	Inf	3
81.48M	6.34432G	6.4258G	76.954M	6.346427G	6.423381G	Inf	4

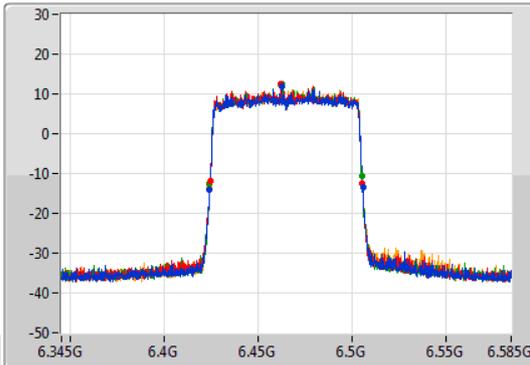
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

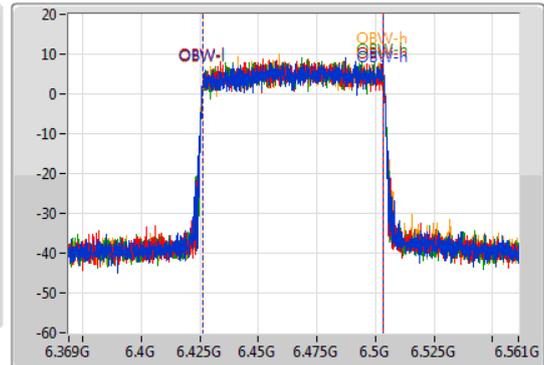
6465MHz

26/02/2021

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



CF  
6.465GHz  
Span  
192MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Sample



Port 1  
Port 2  
Port 3  
Port 4

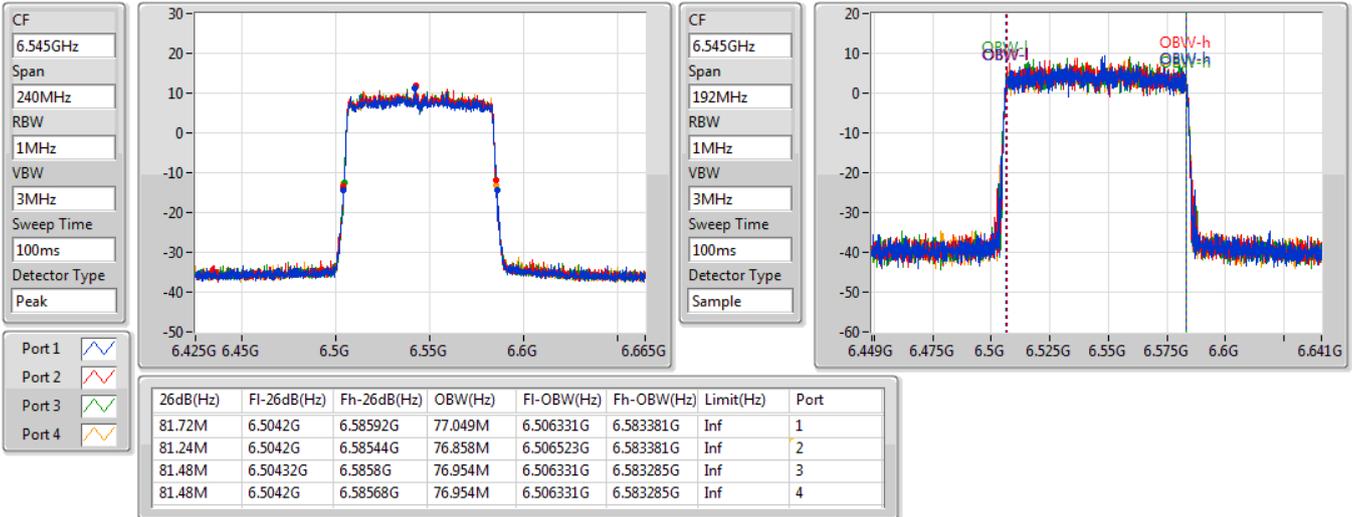
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	6.4242G	6.50592G	76.954M	6.426427G	6.503381G	Inf	1
81.24M	6.42432G	6.50556G	76.954M	6.426427G	6.503381G	Inf	2
81.36M	6.4242G	6.50556G	76.954M	6.426427G	6.503381G	Inf	3
81.36M	6.4242G	6.50556G	77.049M	6.426427G	6.503477G	Inf	4

802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

6545MHz Straddle 6.425-6.525GHz

26/02/2021

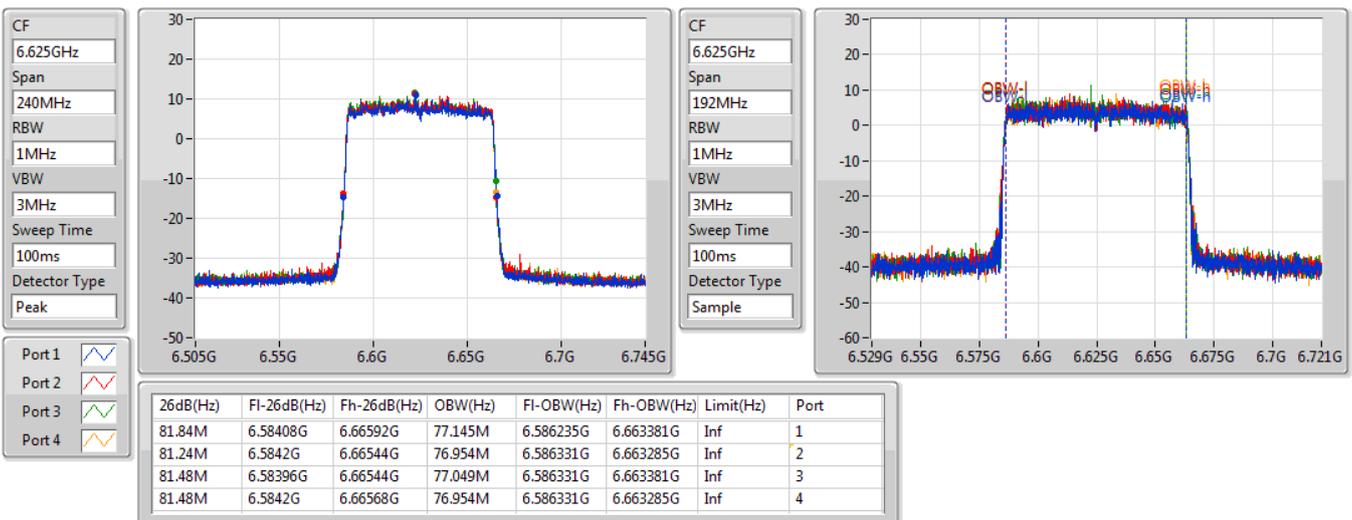


802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

6625MHz

26/02/2021



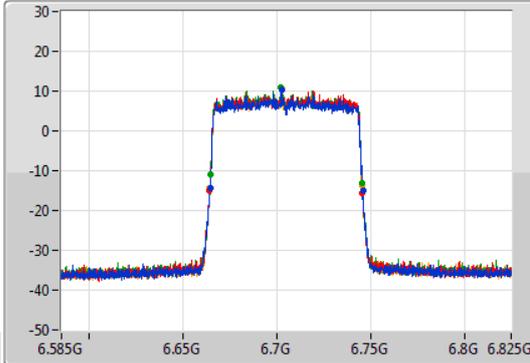
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

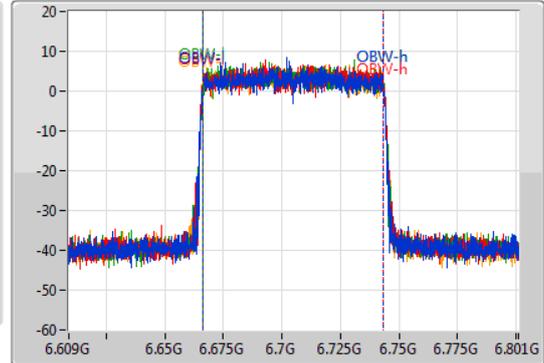
6705MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.66432G	6.7458G	77.049M	6.666235G	6.743285G	Inf	1
81.48M	6.6642G	6.74568G	77.049M	6.666331G	6.743381G	Inf	2
81.24M	6.66444G	6.74568G	77.049M	6.666331G	6.743381G	Inf	3
81.24M	6.6642G	6.74544G	77.049M	6.666331G	6.743381G	Inf	4

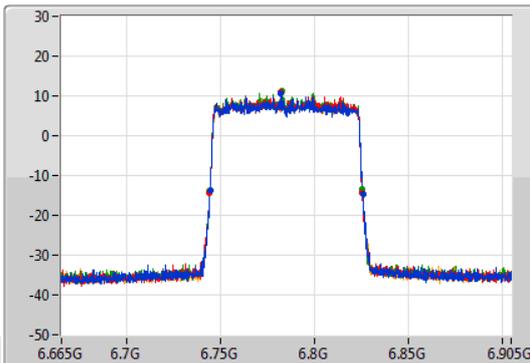
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

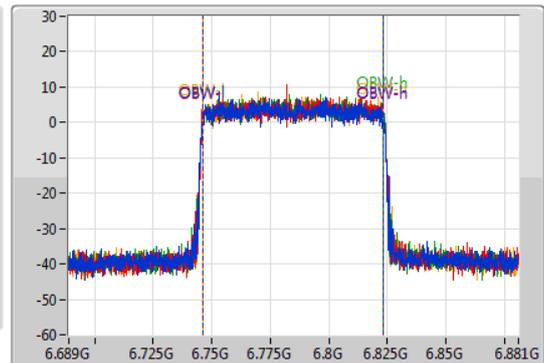
6785MHz

26/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	6.74432G	6.8258G	77.145M	6.746235G	6.823381G	Inf	1
81.36M	6.7442G	6.82556G	77.145M	6.746235G	6.823381G	Inf	2
81.6M	6.74408G	6.82568G	77.049M	6.746427G	6.823477G	Inf	3
81.36M	6.7442G	6.82556G	77.049M	6.746331G	6.823381G	Inf	4

802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

6865MHz Straddle 6.525-6.875GHz

26/02/2021

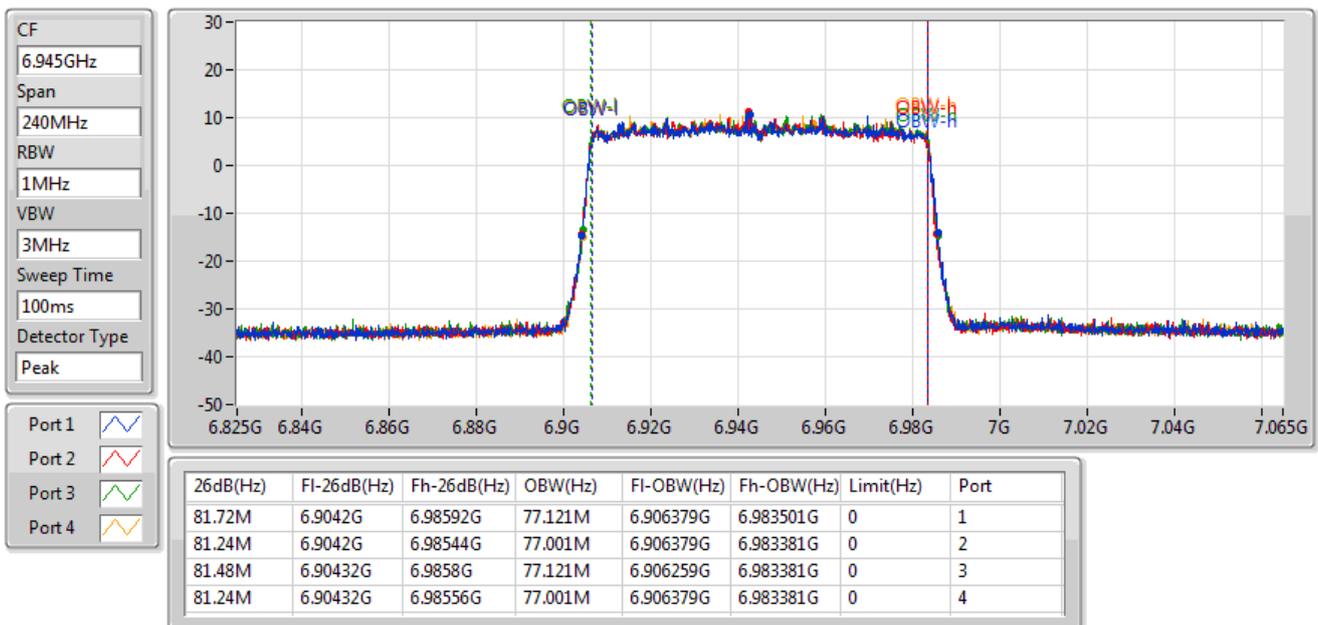


802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

6945MHz

26/02/2021



### 802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

7025MHz

26/02/2021

CF  
7.025GHz

Span  
240MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
100ms

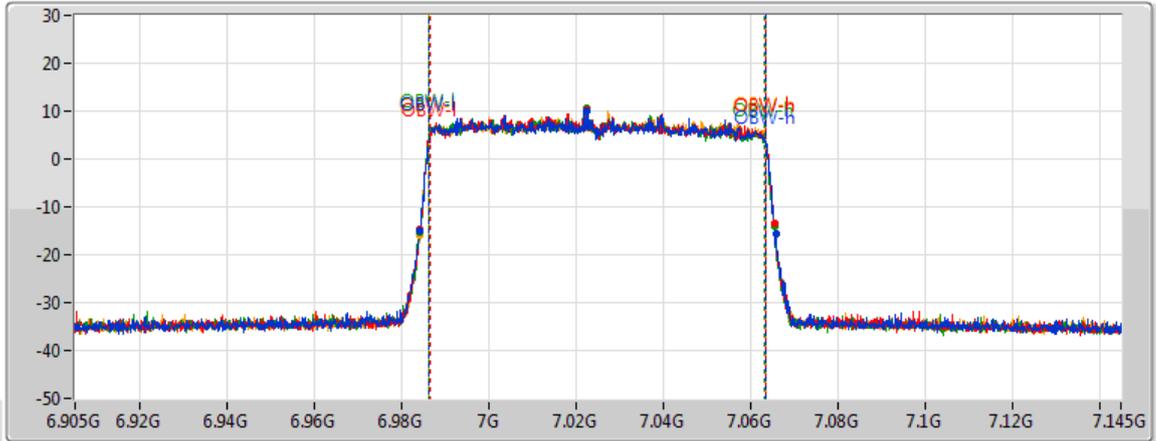
Detector Type  
Peak

Port 1

Port 2

Port 3

Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	6.9842G	7.06592G	77.121M	6.986259G	7.063381G	0	1
81.24M	6.9842G	7.06544G	77.121M	6.986379G	7.063501G	0	2
81.6M	6.98396G	7.06556G	77.121M	6.986139G	7.063261G	0	3
81.6M	6.9842G	7.0658G	77.121M	6.986259G	7.063381G	0	4

### 802.11ax HEW160-BF\_Nss2,(MCS0)\_4TX

EBW

6185MHz

25/02/2021

CF  
6.185GHz

Span  
480MHz

RBW  
2MHz

VBW  
10MHz

Sweep Time  
100ms

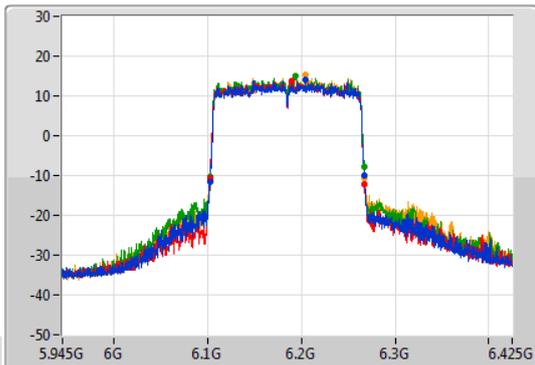
Detector Type  
Peak

Port 1

Port 2

Port 3

Port 4



CF  
6.185GHz

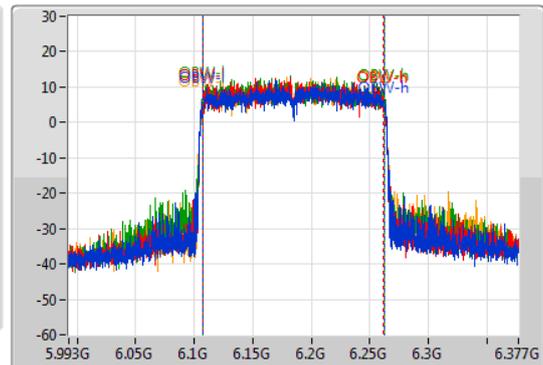
Span  
384MHz

RBW  
2MHz

VBW  
10MHz

Sweep Time  
100ms

Detector Type  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.36M	6.1022G	6.26756G	155.058M	6.107471G	6.262529G	Inf	1
164.88M	6.10244G	6.26732G	154.867M	6.107087G	6.261954G	Inf	2
164.16M	6.10268G	6.26684G	155.25M	6.107279G	6.262529G	Inf	3
165.12M	6.1022G	6.26732G	155.058M	6.107279G	6.262337G	Inf	4

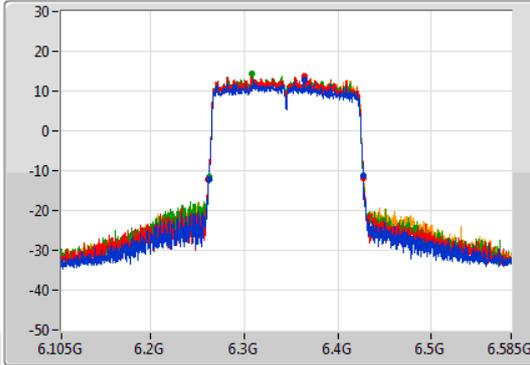
802.11ax HEW160-BF\_Nss2,(MCS0)\_4TX

EBW

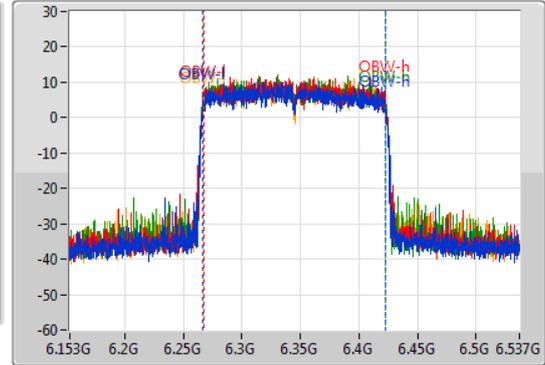
6345MHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
165.12M	6.2622G	6.42732G	155.25M	6.266895G	6.422145G	Inf	1
165.12M	6.26196G	6.42708G	155.058M	6.267087G	6.422145G	Inf	2
164.4M	6.26268G	6.42708G	155.25M	6.266895G	6.422145G	Inf	3
164.88M	6.26244G	6.42732G	155.25M	6.267087G	6.422337G	Inf	4

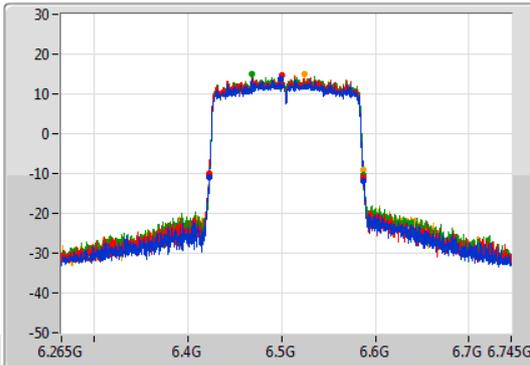
802.11ax HEW160-BF\_Nss2,(MCS0)\_4TX

EBW

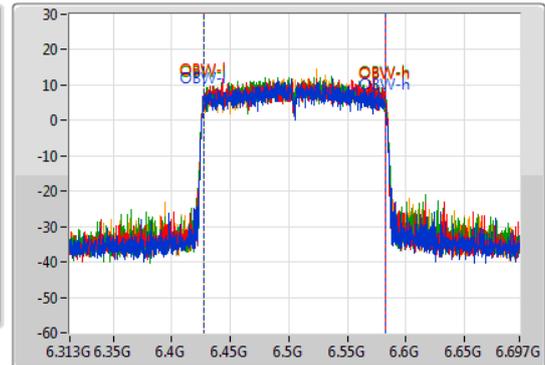
6505MHz Straddle 6.425-6.525GHz

25/02/2021

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



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



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.42316G	6.58756G	155.058M	6.427087G	6.582145G	Inf	1
164.16M	6.42292G	6.58708G	155.25M	6.427087G	6.582337G	Inf	2
164.16M	6.42292G	6.58708G	155.25M	6.427471G	6.582721G	Inf	3
164.64M	6.42244G	6.58708G	154.867M	6.427471G	6.582337G	Inf	4

802.11ax HEW160-BF\_Nss2,(MCS0)\_4TX

EBW

6665MHz

25/02/2021

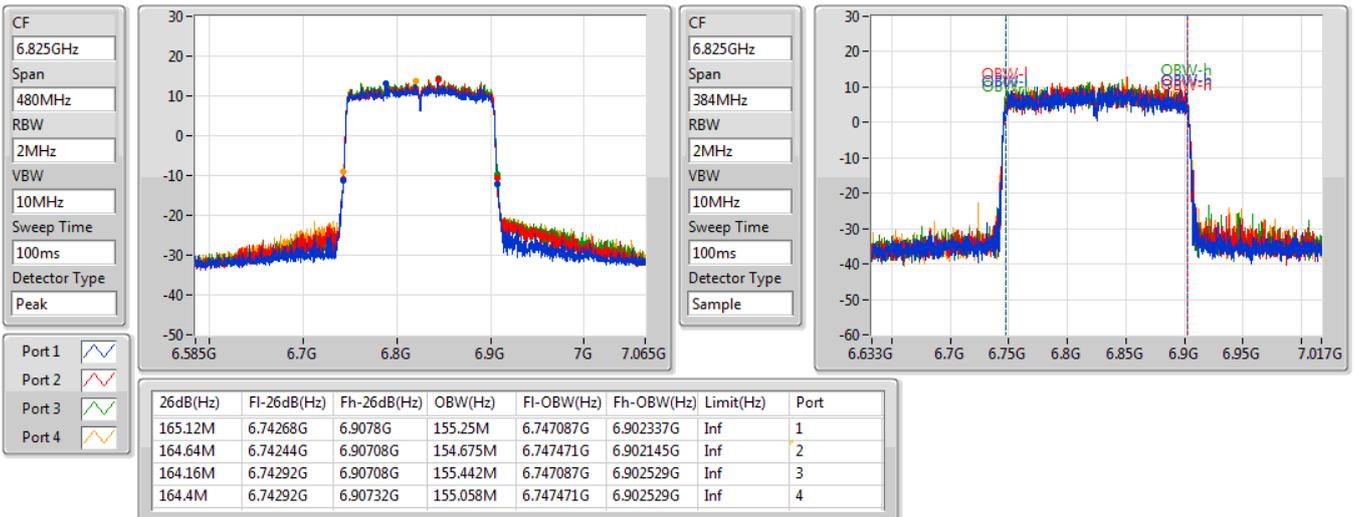


802.11ax HEW160-BF\_Nss2,(MCS0)\_4TX

EBW

6825MHz Straddle 6.525-6.875GHz

25/02/2021



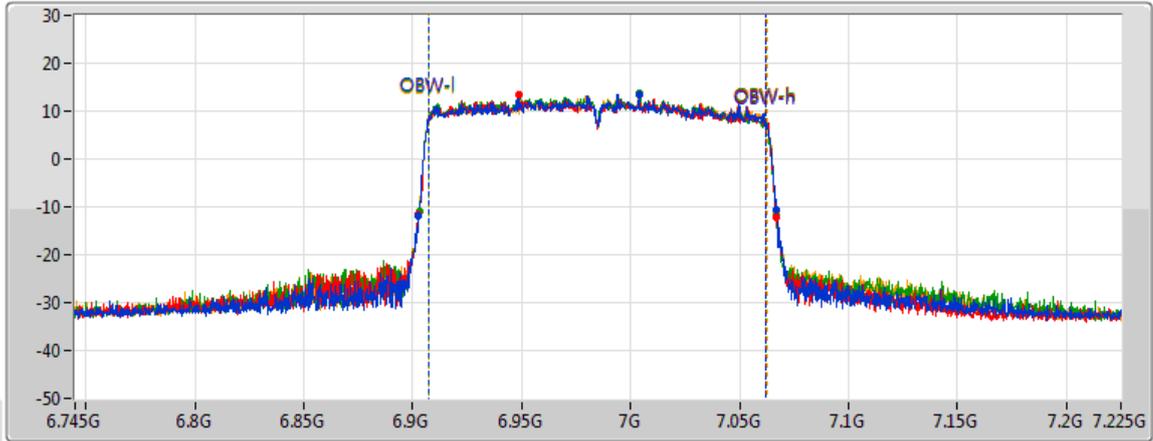
# 802.11ax HEW160-BF\_Nss2,(MCS0)\_4TX

EBW

6985MHz

25/02/2021

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



Port 1   
Port 2   
Port 3   
Port 4 

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.90268G	7.06708G	155.202M	6.907039G	7.062241G	0	1
164.16M	6.90268G	7.06684G	155.202M	6.907039G	7.062241G	0	2
163.92M	6.90292G	7.06684G	154.483M	6.907279G	7.061762G	0	3
164.64M	6.90244G	7.06708G	155.202M	6.907279G	7.062481G	0	4



**Mode 1, Non-beamforming mode: Nss4**

<b>Freq(MHz)</b>	<b>Mode</b>	<b>EIRP (dBm)</b>	<b>Low Power Indoor Device Limit (dBm)</b>
6185	802.11ax HEW160_Nss4,(MCS0)_4TX	27.97	30.00
6345	802.11ax HEW160_Nss4,(MCS0)_4TX	26.62	30.00
6505	802.11ax HEW160_Nss4,(MCS0)_4TX	26.64	30.00
6665	802.11ax HEW160_Nss4,(MCS0)_4TX	26.61	30.00
6825	802.11ax HEW160_Nss4,(MCS0)_4TX	26.10	30.00
6985	802.11ax HEW160_Nss4,(MCS0)_4TX	26.39	30.00



Mode 2, Beamforming mode: Nss1

Freq(MHz)	Mode	EIRP (dBm)	Low Power Indoor Device Limit (dBm)
6115	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.19	30.00
6255	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.85	30.00
6415	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.22	30.00
6435	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.77	30.00
6475	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.92	30.00
6515	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.61	30.00
6535	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.70	30.00
6695	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.74	30.00
6855	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.72	30.00
6875	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.28	30.00
6895	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.62	30.00
7015	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.82	30.00
7095	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.79	30.00
6125	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.73	30.00
6245	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.83	30.00
6405	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.68	30.00
6445	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.83	30.00
6485	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.82	30.00
6525	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.40	30.00
6565	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.59	30.00
6685	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.09	30.00
6845	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.81	30.00
6885	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.48	30.00
6925	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.23	30.00
7005	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.53	30.00
7085	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.71	30.00
6145	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.52	30.00
6225	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.07	30.00
6385	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.96	30.00
6465	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.25	30.00
6545	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.95	30.00
6625	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.14	30.00
6705	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.63	30.00
6785	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.34	30.00
6865	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.17	30.00
6945	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.98	30.00
7025	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.94	30.00
6185	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	27.85	30.00
6345	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	27.40	30.00
6505	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	26.61	30.00
6665	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	26.52	30.00
6825	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	26.98	30.00
6985	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	26.85	30.00



Mode 3, Beamforming mode: Nss2

Freq(MHz)	Mode	EIRP (dBm)	Low Power Indoor Device Limit (dBm)
6115	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	19.83	30.00
6255	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.69	30.00
6415	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	19.00	30.00
6435	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.45	30.00
6475	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	17.53	30.00
6515	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.15	30.00
6535	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	17.45	30.00
6695	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	17.78	30.00
6855	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	17.66	30.00
6875	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.32	30.00
6895	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	19.11	30.00
7015	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.21	30.00
7095	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.03	30.00
6125	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.10	30.00
6245	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	22.05	30.00
6405	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.53	30.00
6445	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	20.83	30.00
6485	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.29	30.00
6525	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.62	30.00
6565	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.25	30.00
6685	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.23	30.00
6845	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.96	30.00
6885	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.81	30.00
6925	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.37	30.00
7005	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.77	30.00
7085	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	21.05	30.00
6145	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.99	30.00
6225	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.55	30.00
6385	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.79	30.00
6465	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.78	30.00
6545	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.17	30.00
6625	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.94	30.00
6705	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.23	30.00
6785	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.36	30.00
6865	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.26	30.00
6945	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	24.56	30.00
7025	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	22.84	30.00
6185	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	28.31	30.00
6345	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	27.38	30.00
6505	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	27.23	30.00
6665	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	26.39	30.00
6825	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	26.28	30.00
6985	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	25.91	30.00



**Mode 1, Non-beamforming mode: Nss4**

<b>Freq(MHz)</b>	<b>Mode</b>	<b>EIRP PSD (dBm/MHz)</b>	<b>Low Power Indoor Device Limit (dBm/MHz)</b>
6185	802.11ax HEW160_Nss4,(MCS0)_4TX	4.79	5.00
6345	802.11ax HEW160_Nss4,(MCS0)_4TX	4.99	5.00
6505	802.11ax HEW160_Nss4,(MCS0)_4TX	4.99	5.00
6665	802.11ax HEW160_Nss4,(MCS0)_4TX	4.70	5.00
6825	802.11ax HEW160_Nss4,(MCS0)_4TX	4.93	5.00
6985	802.11ax HEW160_Nss4,(MCS0)_4TX	4.88	5.00



Mode 2, Beamforming mode: Nss1

Freq(MHz)	Mode	EIRP PSD (dBm/MHz)	Low Power Indoor Device Limit (dBm/MHz)
6115	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.98	5.00
6255	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.80	5.00
6415	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.75	5.00
6435	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.44	5.00
6475	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.85	5.00
6515	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.93	5.00
6535	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.88	5.00
6695	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.67	5.00
6855	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.70	5.00
6875	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.60	5.00
6895	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.93	5.00
7015	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.50	5.00
7095	802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.42	5.00
6125	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.87	5.00
6245	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.80	5.00
6405	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.82	5.00
6445	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.96	5.00
6485	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.96	5.00
6525	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.63	5.00
6565	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.44	5.00
6685	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.98	5.00
6845	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.96	5.00
6885	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.73	5.00
6925	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.92	5.00
7005	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.79	5.00
7085	802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.98	5.00
6145	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94	5.00
6225	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.75	5.00
6385	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.65	5.00
6465	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94	5.00
6545	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94	5.00
6625	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.87	5.00
6705	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94	5.00
6785	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94	5.00
6865	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.87	5.00
6945	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.81	5.00
7025	802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.91	5.00
6185	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.95	5.00
6345	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.72	5.00
6505	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.80	5.00
6665	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.91	5.00
6825	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.90	5.00
6985	802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.90	5.00



Mode 3, Beamforming mode: Nss2

Freq(MHz)	Mode	EIRP PSD (dBm/MHz)	Low Power Indoor Device Limit (dBm/MHz)
6115	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.97	5.00
6255	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.19	5.00
6415	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.95	5.00
6435	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.66	5.00
6475	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.93	5.00
6515	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.98	5.00
6535	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.94	5.00
6695	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.98	5.00
6855	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.99	5.00
6875	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.80	5.00
6895	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.33	5.00
7015	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.37	5.00
7095	802.11ax HEW20-BF_Nss2,(MCS0)_4TX	4.60	5.00
6125	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.85	5.00
6245	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.96	5.00
6405	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.85	5.00
6445	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.78	5.00
6485	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.63	5.00
6525	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.99	5.00
6565	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.91	5.00
6685	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.84	5.00
6845	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.80	5.00
6885	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.94	5.00
6925	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.90	5.00
7005	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.88	5.00
7085	802.11ax HEW40-BF_Nss2,(MCS0)_4TX	4.94	5.00
6145	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.79	5.00
6225	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.85	5.00
6385	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.98	5.00
6465	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.86	5.00
6545	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.95	5.00
6625	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.93	5.00
6705	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.80	5.00
6785	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.84	5.00
6865	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.77	5.00
6945	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.96	5.00
7025	802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.81	5.00
6185	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.86	5.00
6345	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.91	5.00
6505	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.91	5.00
6665	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.86	5.00
6825	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.90	5.00
6985	802.11ax HEW160-BF_Nss2,(MCS0)_4TX	4.87	5.00



## **Radiated Emissions below 1GHz Result**

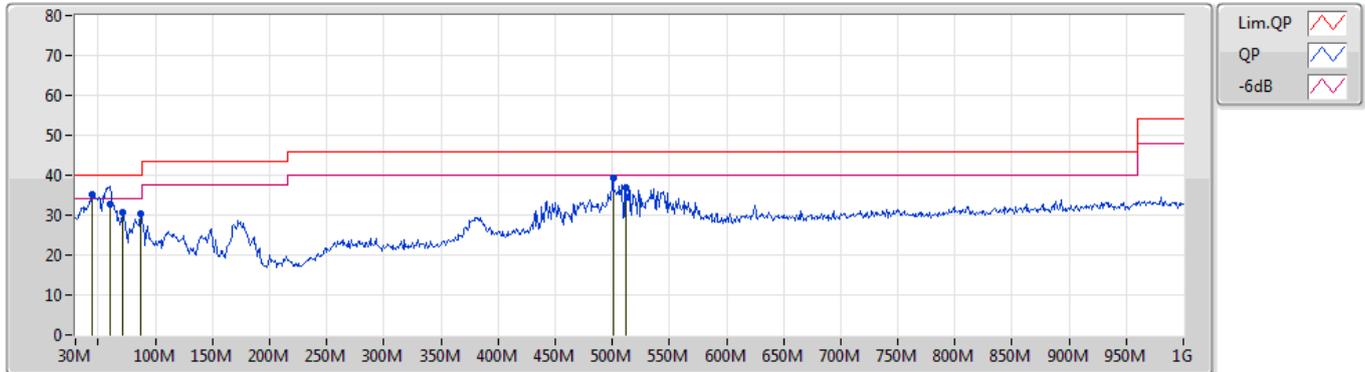
Appendix E.1

### **Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	497.54M	41.31	46.00	-4.69	Horizontal

Mode 2

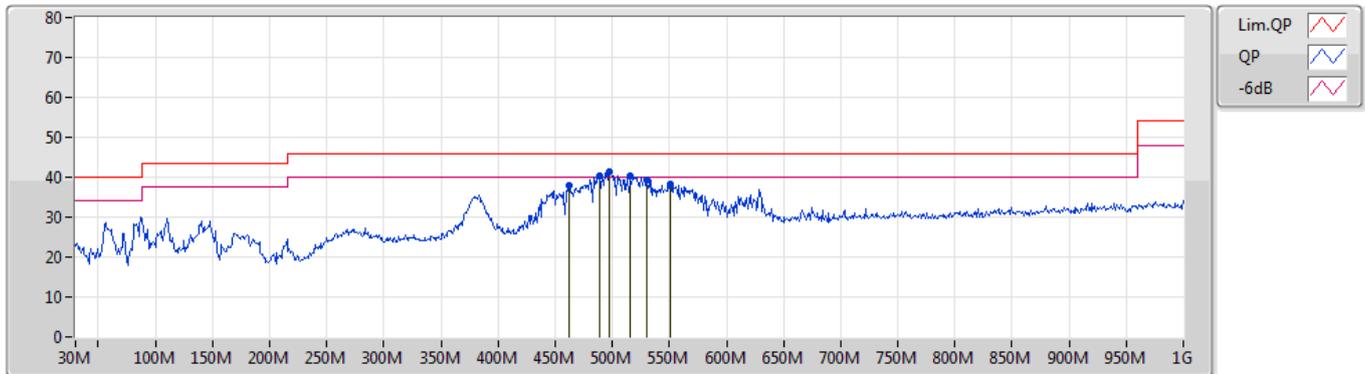
09/02/2021



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	44.55M	35.30	40.00	-4.70	-15.24	3	Vertical	336	1.25	"Worst"	50.54	16.04	1.10	32.38
QP	60.07M	32.91	40.00	-7.09	-18.55	3	Vertical	6	1.02	-	51.46	12.42	1.40	32.37
PK	71.71M	30.52	40.00	-9.48	-18.70	3	Vertical	356	2.00	-	49.22	12.16	1.50	32.36
PK	87.23M	30.47	40.00	-9.53	-16.48	3	Vertical	256	1.25	-	46.95	14.21	1.64	32.33
PK	500.45M	39.48	46.00	-6.52	-4.29	3	Vertical	231	1.00	-	43.77	23.53	4.30	32.12
PK	512.09M	36.89	46.00	-9.11	-4.15	3	Vertical	80	1.00	-	41.04	23.62	4.35	32.12

## Mode 2

09/02/2021



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	462.62M	37.90	46.00	-8.10	-4.88	3	Horizontal	8	2.00	-	42.78	23.11	4.08	32.07
PK	488.81M	40.25	46.00	-5.75	-4.46	3	Horizontal	14	2.00	-	44.71	23.41	4.23	32.10
PK	497.54M	41.31	46.00	-4.69	-4.34	3	Horizontal	0	2.00	"Worst"	45.65	23.49	4.29	32.12
PK	515.97M	40.20	46.00	-5.80	-4.14	3	Horizontal	0	2.00	-	44.34	23.62	4.36	32.12
PK	530.52M	39.30	46.00	-6.70	-3.68	3	Horizontal	354	2.00	-	42.98	24.03	4.42	32.13
PK	550.89M	38.11	46.00	-7.89	-2.95	3	Horizontal	339	1.50	-	41.06	24.68	4.50	32.13

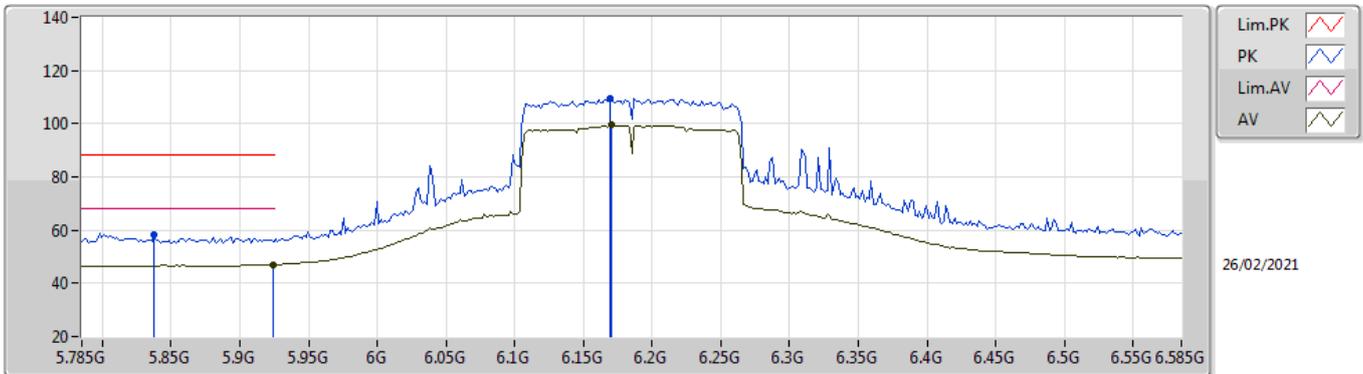


Mode 1, Non-beamforming mode: Nss4  
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_1TX	Pass	AV	13.3298G	44.10	54.00	-9.90	3	Vertical	311	1.83	-

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6185MHz\_TX

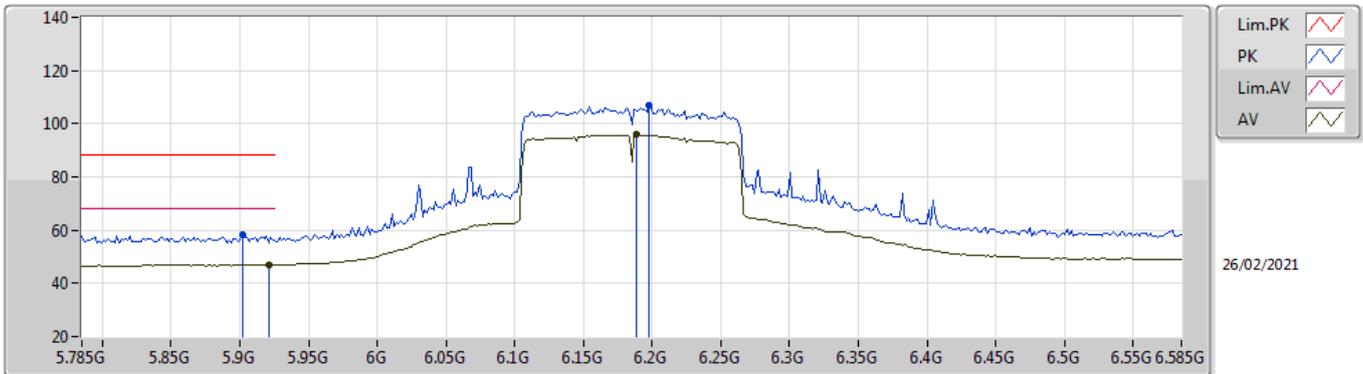


EUT Y\_4TX  
Setting 88  
06-E-S-5-10

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	5.8378G	58.06	88.20	-30.14	52.28	3	Vertical	180	2.47	-	32.15	5.34	31.71
RMS	5.9242G	46.94	68.20	-21.26	40.89	3	Vertical	180	2.47	-	32.30	5.42	31.67
PK	6.169G	109.41	Inf	-Inf	103.11	3	Vertical	180	2.47	-	32.68	5.50	31.88
RMS	6.1706G	99.53	Inf	-Inf	93.23	3	Vertical	180	2.47	-	32.68	5.50	31.88

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6185MHz\_TX

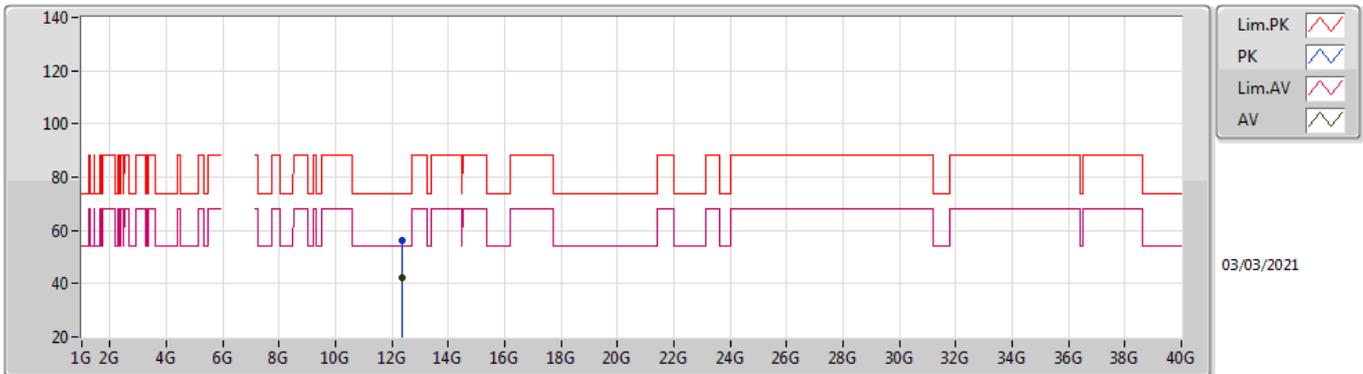


EUT Y\_4TX  
Setting 88  
06-E-S-5-10

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	5.9018G	58.50	88.20	-29.70	52.48	3	Horizontal	189	1.80	-	32.30	5.40	31.68
RMS	5.921G	46.94	68.20	-21.26	40.89	3	Horizontal	189	1.80	-	32.30	5.42	31.67
PK	6.1978G	106.85	Inf	-Inf	100.48	3	Horizontal	189	1.80	-	32.79	5.50	31.92
RMS	6.1882G	95.78	Inf	-Inf	89.44	3	Horizontal	189	1.80	-	32.75	5.50	31.91

### 802.11ax HEW160\_Nss4,(MCS0)\_1TX

### 6185MHz\_TX

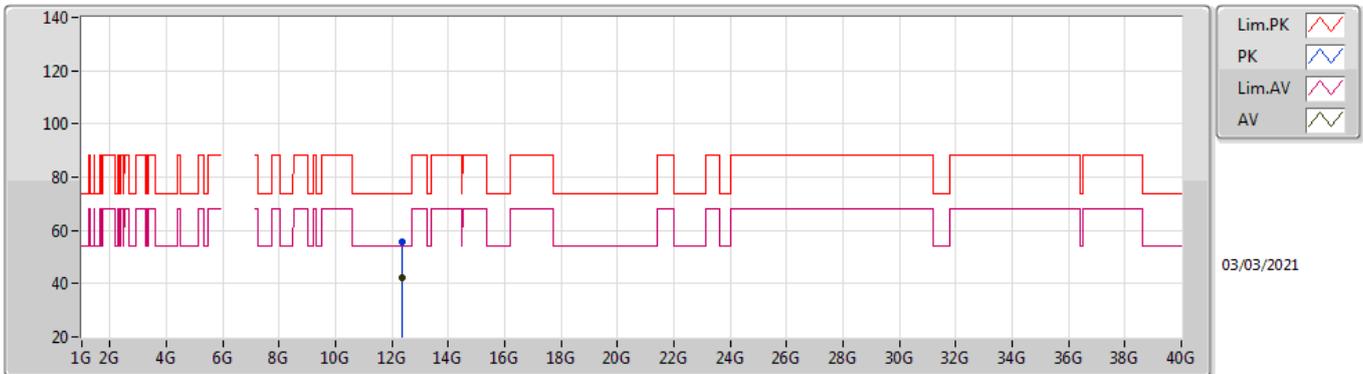


EUT Y\_4TX  
Setting 88  
06-E-S-5

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	12.37404G	56.30	74.00	-17.70	43.01	3	Vertical	360	1.80	-	38.58	8.71	34.00
AV	12.37248G	42.42	54.00	-11.58	29.14	3	Vertical	360	1.80	-	38.58	8.70	34.00

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6185MHz\_TX

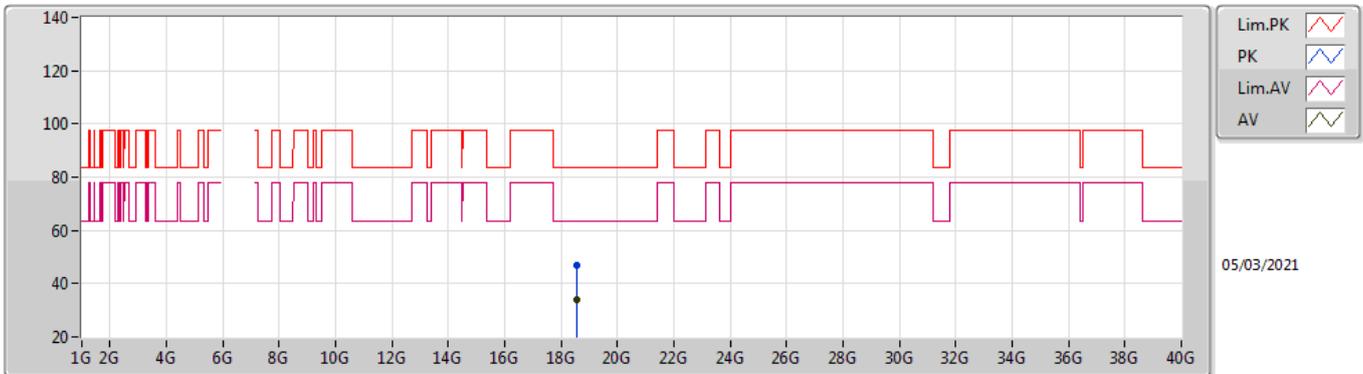


EUT Y\_4TX  
Setting 88  
06-E-S-5

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	12.3726G	55.52	74.00	-18.48	42.24	3	Horizontal	190	2.38	-	38.58	8.70	34.00
AV	12.36508G	42.28	54.00	-11.72	28.98	3	Horizontal	190	2.38	-	38.60	8.70	34.00

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6185MHz\_TX

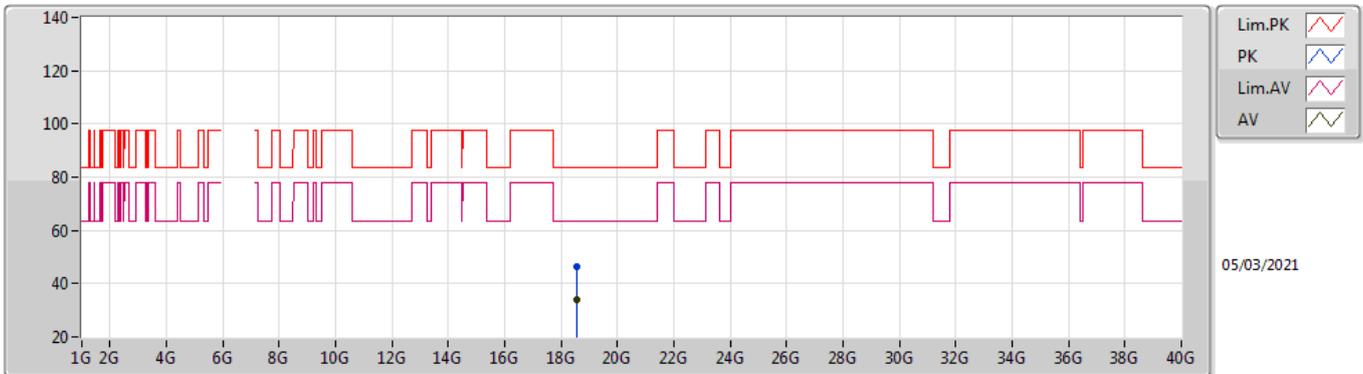


EUT Y\_4TX  
Setting 88  
06-E-S-5

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	18.55608G	47.13	83.54	-36.41	45.38	1	Vertical	1	2.91	-	37.78	14.26	50.29
AV	18.545G	34.18	63.54	-29.36	32.46	1	Vertical	1	2.91	-	37.76	14.25	50.29

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6185MHz\_TX

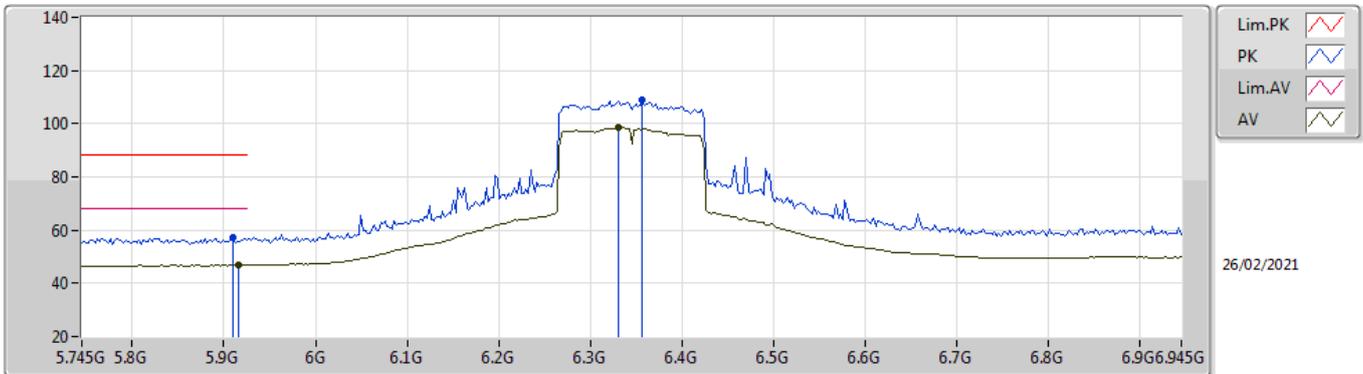


EUT Y\_4TX  
Setting 88  
06-E-S-5

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	18.54856G	46.45	83.54	-37.09	44.72	1	Horizontal	94	1.86	-	37.77	14.25	50.29
AV	18.545G	34.10	63.54	-29.44	32.38	1	Horizontal	94	1.86	-	37.76	14.25	50.29

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6345MHz\_TX

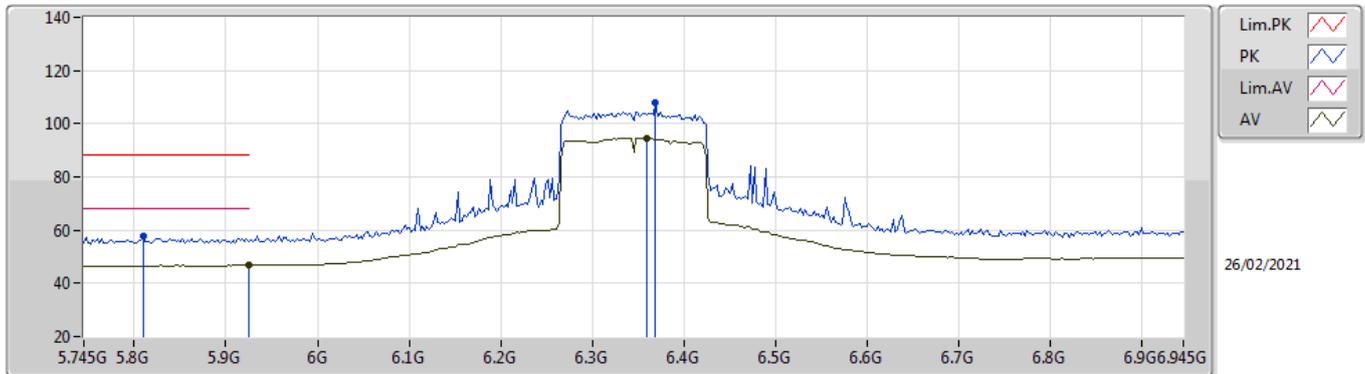


EUT Y\_4TX  
Setting 87  
06-E-S-5-10

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	5.9106G	57.20	88.20	-31.00	51.16	3	Vertical	306	1.63	-	32.30	5.41	31.67
RMS	5.9154G	46.80	68.20	-21.40	40.75	3	Vertical	306	1.63	-	32.30	5.42	31.67
PK	6.357G	108.87	Inf	-Inf	102.21	3	Vertical	306	1.63	-	33.24	5.58	32.16
RMS	6.3306G	98.60	Inf	-Inf	92.03	3	Vertical	306	1.63	-	33.12	5.57	32.12

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6345MHz\_TX

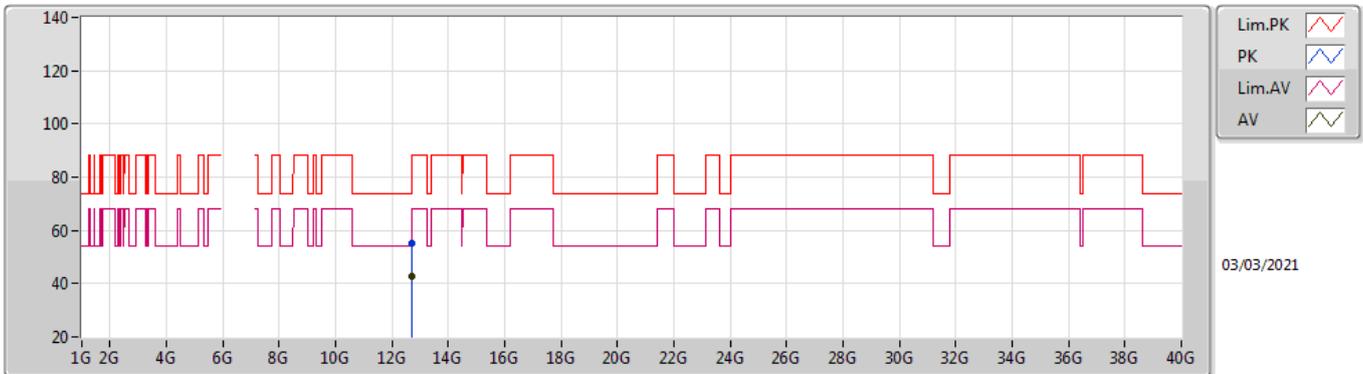


EUT Y\_4TX  
Setting 87  
06-E-S-5-10

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	5.8098G	57.57	88.20	-30.63	51.94	3	Horizontal	155	1.80	-	32.04	5.31	31.72
RMS	5.925G	46.83	68.20	-21.37	40.78	3	Horizontal	155	1.80	-	32.30	5.42	31.67
PK	6.369G	107.87	Inf	-Inf	101.16	3	Horizontal	155	1.80	-	33.31	5.58	32.18
RMS	6.3594G	94.70	Inf	-Inf	88.02	3	Horizontal	155	1.80	-	33.26	5.58	32.16

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6345MHz\_TX

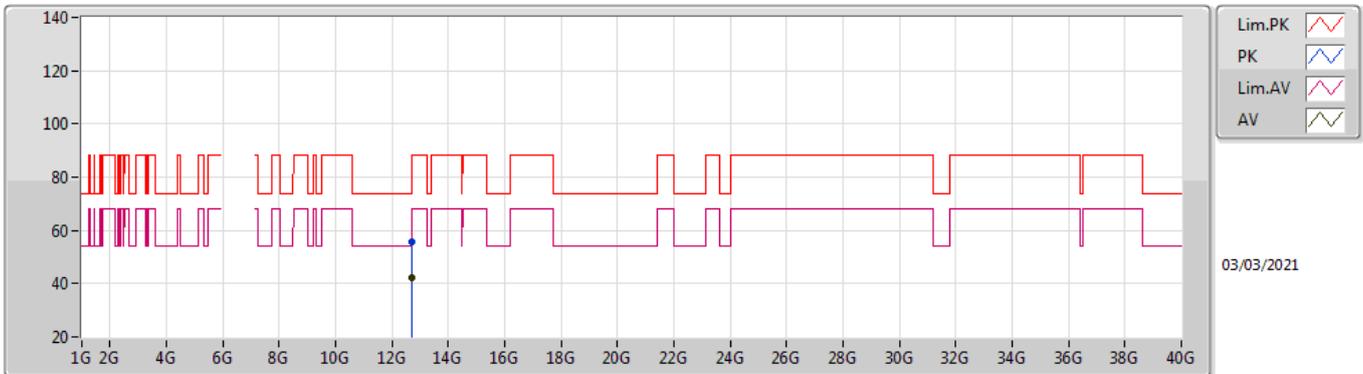


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	12.68864G	55.39	74.00	-18.61	41.71	3	Vertical	217	1.80	-	38.80	8.88	34.00
AV	12.6912G	42.65	54.00	-11.35	28.98	3	Vertical	217	1.80	-	38.80	8.88	34.01

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6345MHz\_TX

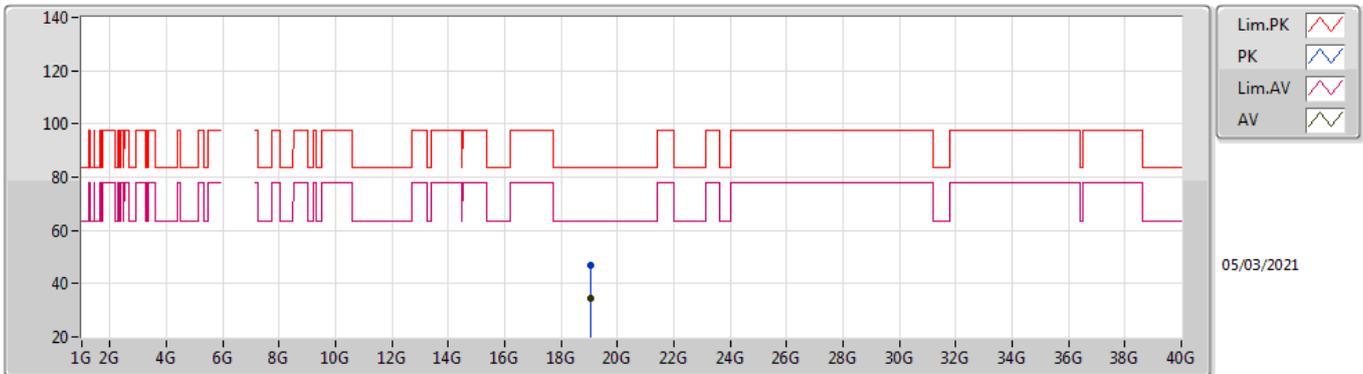


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	12.68964G	55.46	74.00	-18.54	41.78	3	Horizontal	321	1.98	-	38.80	8.88	34.00
AV	12.68532G	42.42	54.00	-11.58	28.74	3	Horizontal	321	1.98	-	38.80	8.88	34.00

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6345MHz\_TX

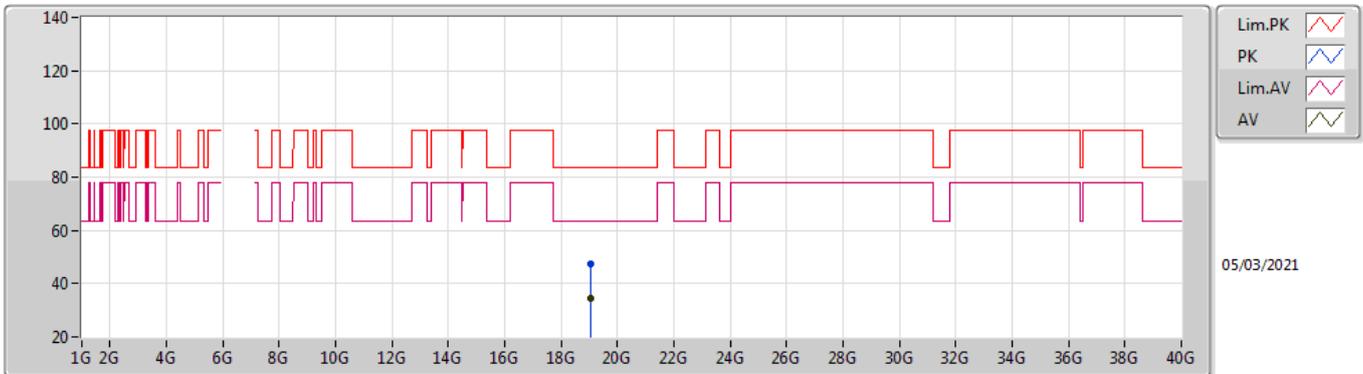


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	19.02756G	46.99	83.54	-36.55	44.51	1	Vertical	86	2.17	-	38.37	14.30	50.19
AV	19.02516G	34.50	63.54	-29.04	32.02	1	Vertical	86	2.17	-	38.37	14.30	50.19

802.11ax HEW160\_Nss4,(MCS0)\_1TX

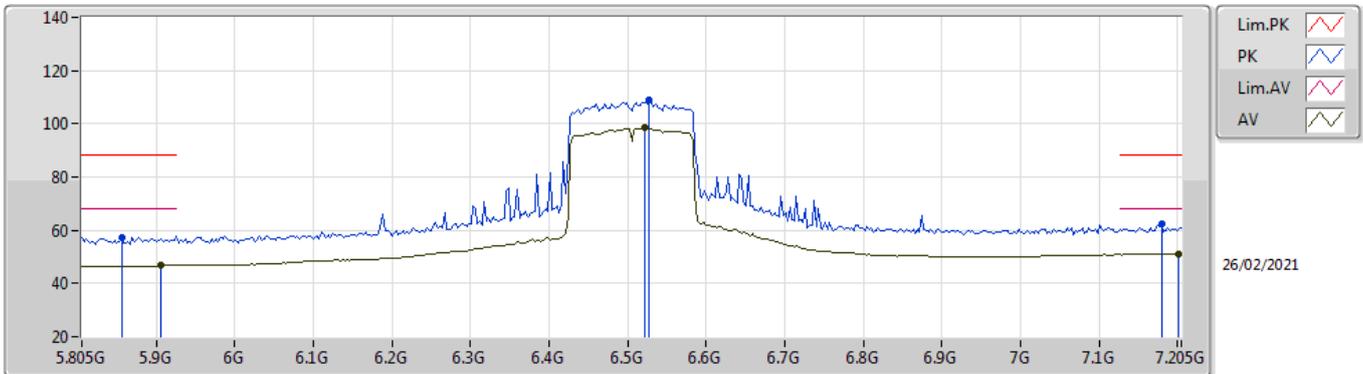
6345MHz\_TX



EUT Y\_4TX  
Setting 87  
06-E-S-5

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	19.04336G	47.25	83.54	-36.29	44.79	1	Horizontal	2	2.10	-	38.35	14.30	50.19
AV	19.02544G	34.25	63.54	-29.29	31.77	1	Horizontal	2	2.10	-	38.37	14.30	50.19

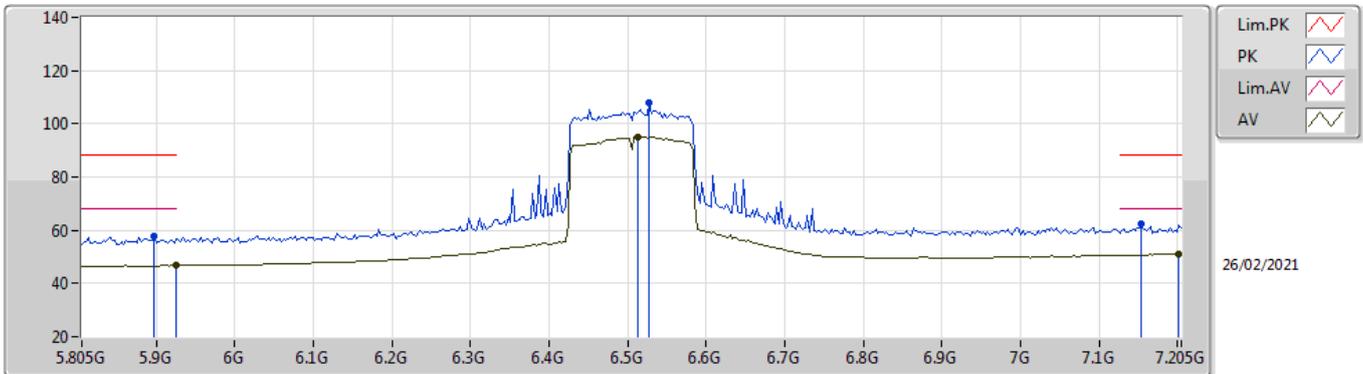
**802.11ax HEW160\_Nss4,(MCS0)\_1TX**  
**6505MHz Straddle 6.425-6.525GHz\_TX**



EUT Y\_4TX  
 Setting 85  
 06-E-S-5-10

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	5.8554G	57.36	88.20	-30.84	51.49	3	Vertical	70	1.73	-	32.21	5.36	31.70
RMS	5.9058G	46.72	68.20	-21.48	40.69	3	Vertical	70	1.73	-	32.30	5.41	31.68
PK	6.5274G	109.05	Inf	-Inf	101.85	3	Vertical	70	1.73	-	34.01	5.60	32.41
RMS	6.5218G	98.45	Inf	-Inf	91.26	3	Vertical	70	1.73	-	33.99	5.60	32.40
PK	7.1798G	62.34	88.20	-25.86	53.28	3	Vertical	70	1.73	-	36.08	6.08	33.10
RMS	7.2022G	51.06	68.20	-17.14	41.87	3	Vertical	70	1.73	-	36.20	6.10	33.11

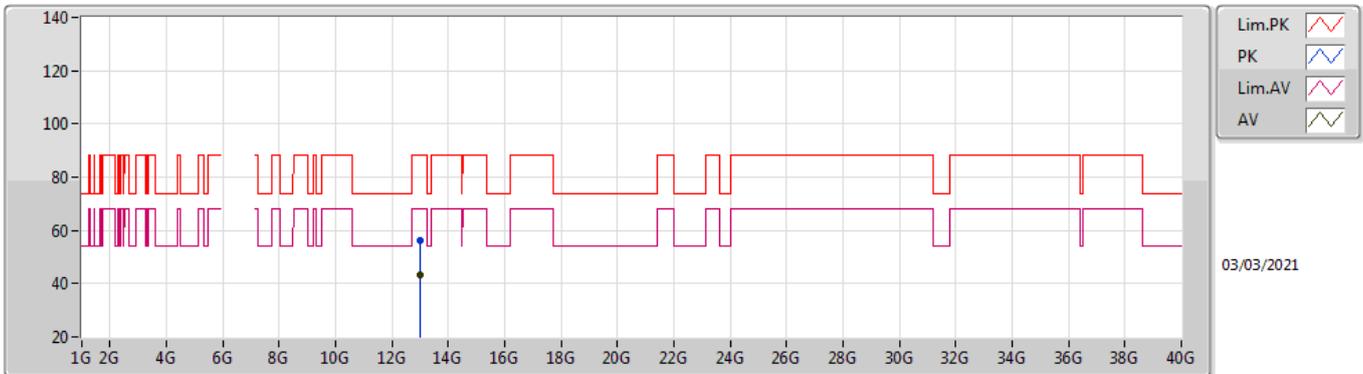
**802.11ax HEW160\_Nss4,(MCS0)\_1TX**  
**6505MHz Straddle 6.425-6.525GHz\_TX**



EUT\_V\_4TX  
 Setting 85  
 06-E-S-5-10

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	5.8974G	57.96	88.20	-30.24	51.95	3	Horizontal	152	1.77	-	32.29	5.40	31.68
RMS	5.925G	46.79	68.20	-21.41	40.74	3	Horizontal	152	1.77	-	32.30	5.42	31.67
PK	6.5274G	108.11	Inf	-Inf	100.91	3	Horizontal	152	1.77	-	34.01	5.60	32.41
RMS	6.5134G	94.97	Inf	-Inf	87.81	3	Horizontal	152	1.77	-	33.95	5.60	32.39
PK	7.1546G	62.24	88.20	-25.96	53.34	3	Horizontal	152	1.77	-	35.93	6.05	33.08
RMS	7.2022G	50.96	68.20	-17.24	41.77	3	Horizontal	152	1.77	-	36.20	6.10	33.11

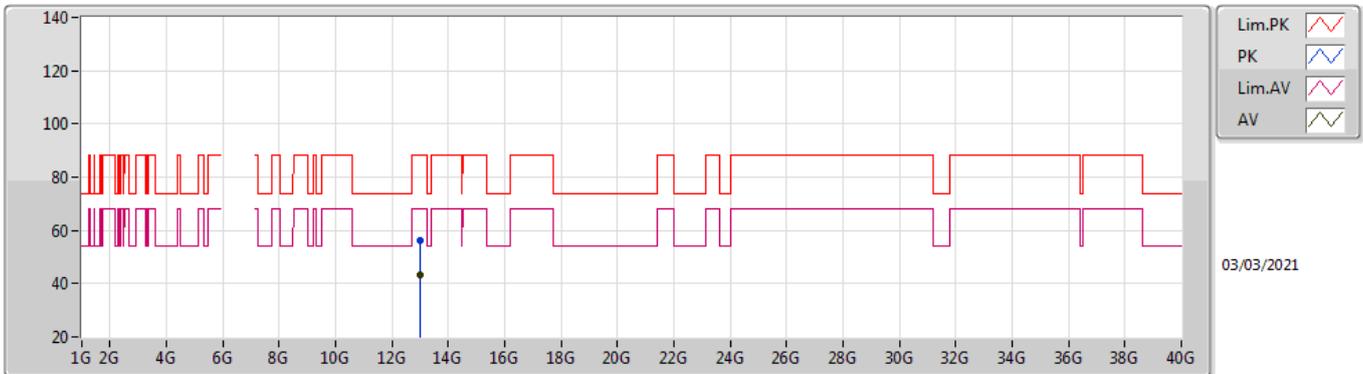
**802.11ax HEW160\_Nss4,(MCS0)\_1TX**  
**6505MHz Straddle 6.425-6.525GHz\_TX**



EUT Y\_4TX  
 Setting 85  
 06-E-S-5

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	13.00188G	56.38	88.20	-31.82	41.94	3	Vertical	87	1.33	-	39.50	9.05	34.11
RMS	13.00476G	43.24	68.20	-24.96	28.80	3	Vertical	87	1.33	-	39.50	9.05	34.11

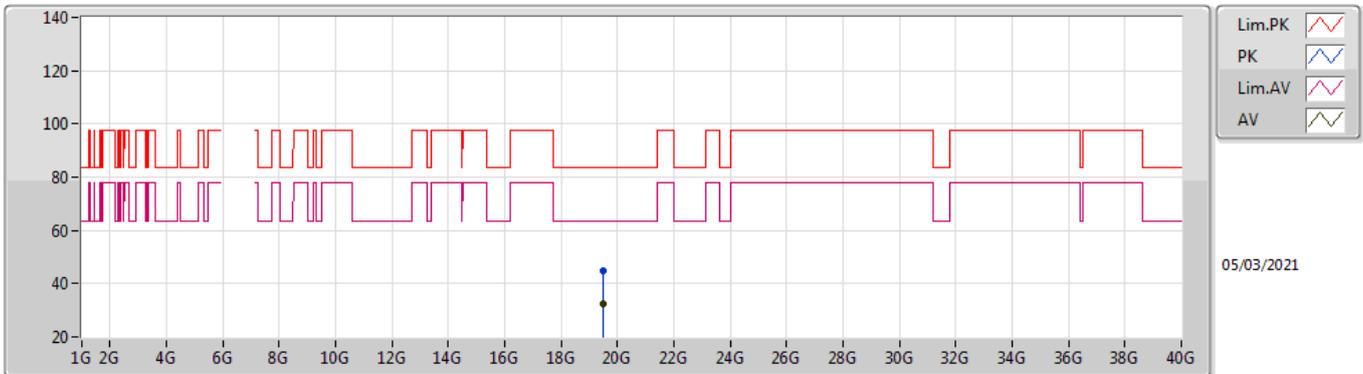
**802.11ax HEW160\_Nss4,(MCS0)\_1TX**  
**6505MHz Straddle 6.425-6.525GHz\_TX**



EUT Y\_4TX  
 Setting 85  
 06-E-S-5

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	13.0184G	56.17	88.20	-32.03	41.72	3	Horizontal	193	2.61	-	39.48	9.06	34.09
RMS	13.00904G	43.27	68.20	-24.93	28.83	3	Horizontal	193	2.61	-	39.49	9.05	34.10

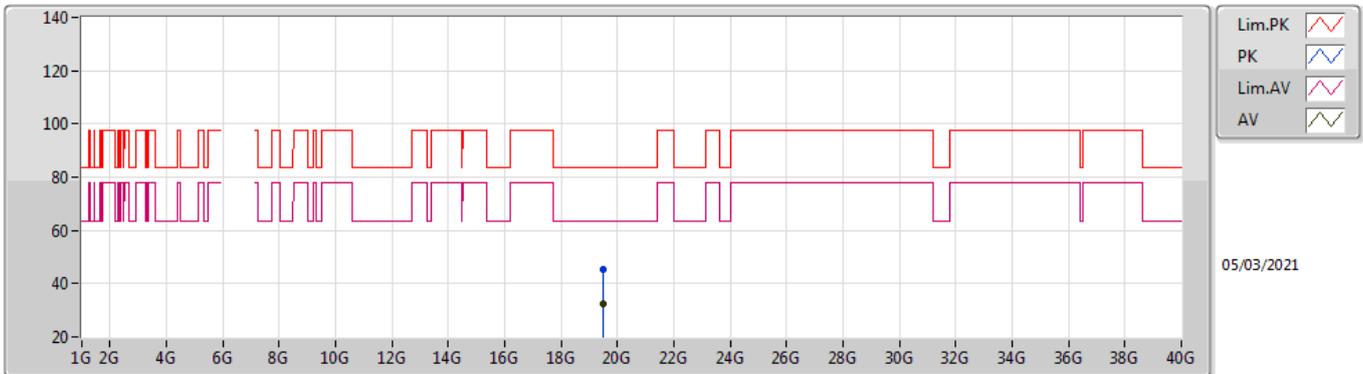
**802.11ax HEW160\_Nss4,(MCS0)\_1TX**  
**6505MHz Straddle 6.425-6.525GHz\_TX**



EUT Y\_4TX  
 Setting 85  
 06-E-S-5

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	19.51216G	45.06	83.54	-38.48	43.02	1	Vertical	185	2.91	-	37.79	14.35	50.10
AV	19.50552G	32.48	63.54	-31.06	30.43	1	Vertical	185	2.91	-	37.80	14.35	50.10

**802.11ax HEW160\_Nss4,(MCS0)\_1TX**  
**6505MHz Straddle 6.425-6.525GHz\_TX**

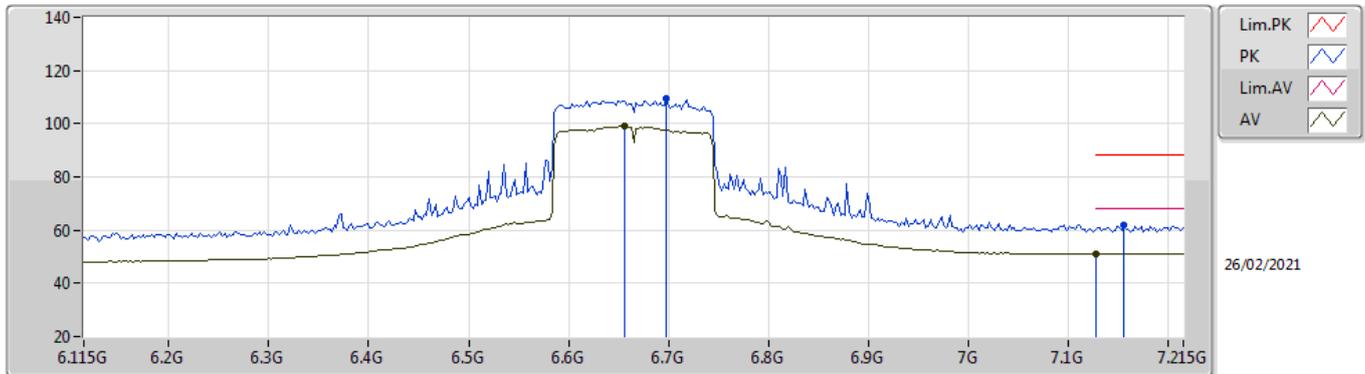


EUT Y\_4TX  
 Setting 85  
 06-E-S-5

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	19.506G	45.17	83.54	-38.37	43.12	1	Horizontal	348	2.38	-	37.80	14.35	50.10
AV	19.5052G	32.46	63.54	-31.08	30.41	1	Horizontal	348	2.38	-	37.80	14.35	50.10

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6665MHz\_TX

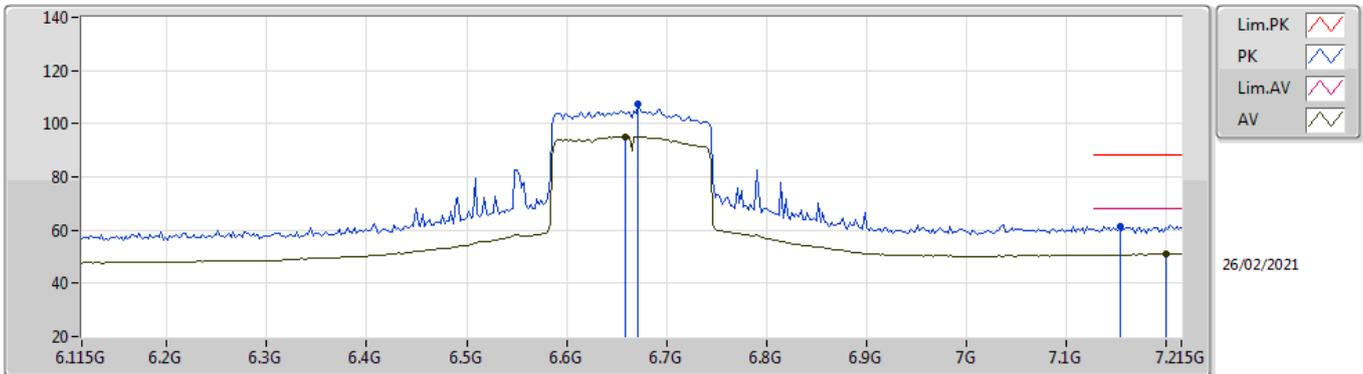


EUT Y\_4TX  
Setting 87  
06-E-S-5-10

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	6.698G	109.36	Inf	-Inf	102.18	3	Vertical	300	1.70	-	34.10	5.70	32.62
RMS	6.6562G	99.03	Inf	-Inf	91.84	3	Vertical	300	1.70	-	34.10	5.66	32.57
PK	7.1556G	61.81	88.20	-26.39	52.90	3	Vertical	300	1.70	-	35.93	6.06	33.08
RMS	7.127G	51.08	68.20	-17.12	42.27	3	Vertical	300	1.70	-	35.85	6.03	33.07

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6665MHz\_TX

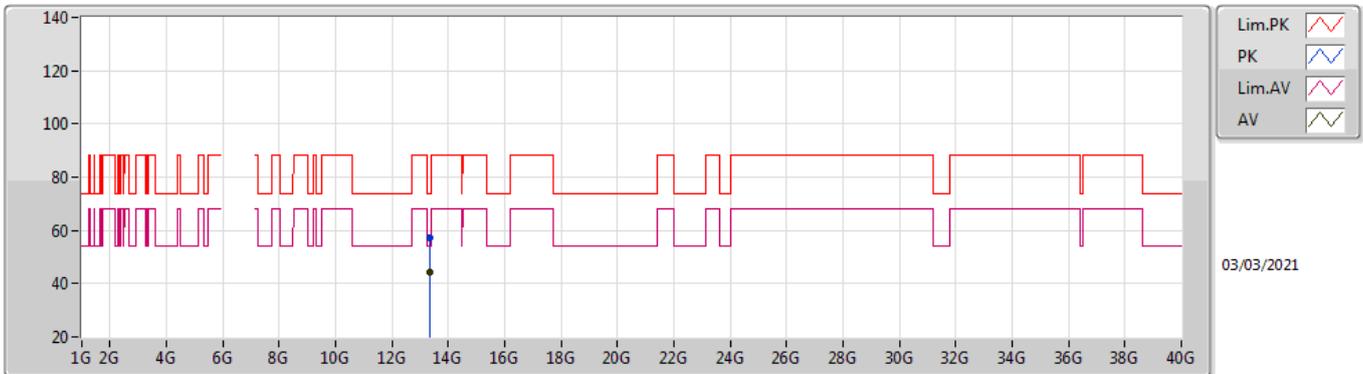


EUT Y\_4TX  
Setting 87  
06-E-S-5-10

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	6.6716G	107.62	Inf	-Inf	100.44	3	Horizontal	160	1.81	-	34.10	5.67	32.59
RMS	6.6584G	95.12	Inf	-Inf	87.93	3	Horizontal	160	1.81	-	34.10	5.66	32.57
PK	7.1534G	61.27	88.20	-26.93	52.38	3	Horizontal	160	1.81	-	35.92	6.05	33.08
RMS	7.1996G	50.94	68.20	-17.26	41.75	3	Horizontal	160	1.81	-	36.20	6.10	33.11

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6665MHz\_TX

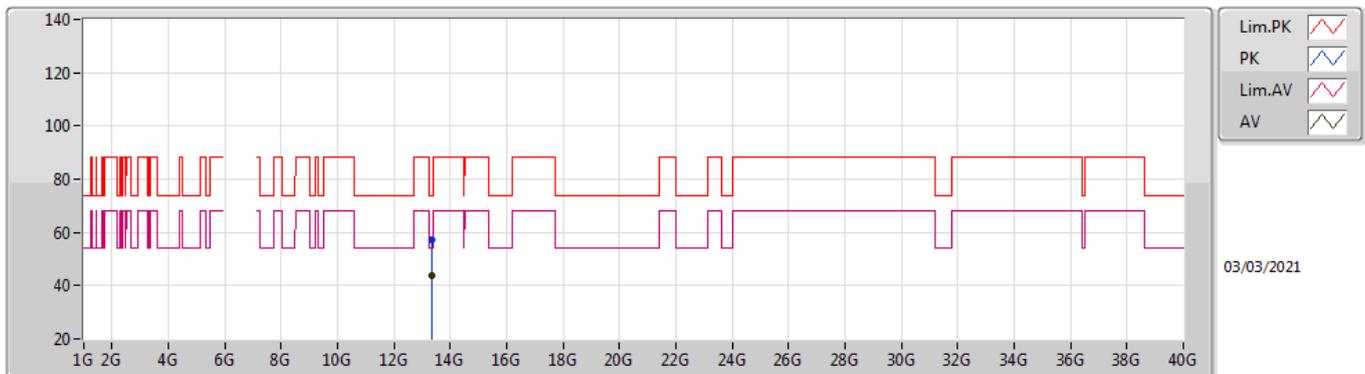


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	13.32852G	57.06	74.00	-16.94	41.78	3	Vertical	311	1.83	-	39.87	9.23	33.82
AV	13.3298G	44.10	54.00	-9.90	28.81	3	Vertical	311	1.83	-	39.88	9.23	33.82

### 802.11ax HEW160\_Nss4,(MCS0)\_1TX

### 6665MHz\_TX

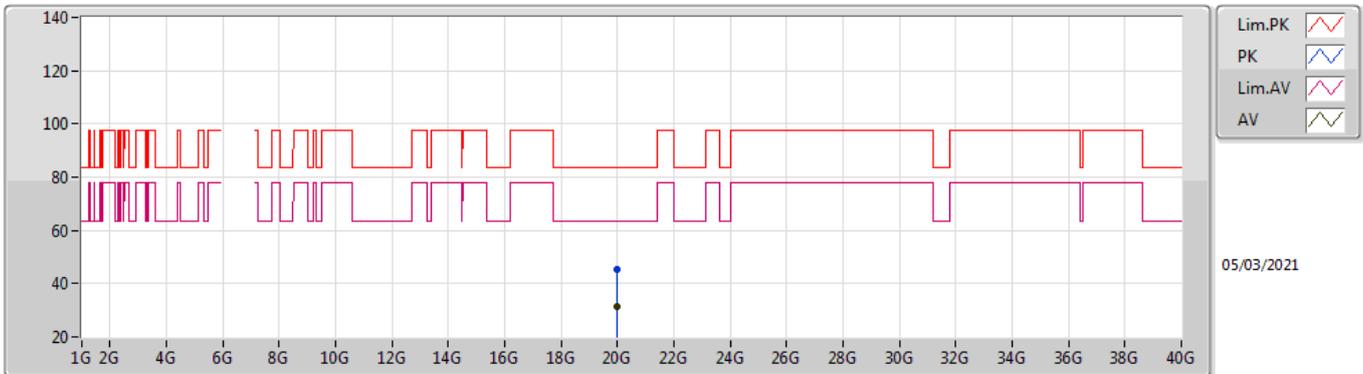


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	13.32424G	57.07	74.00	-16.93	41.81	3	Horizontal	212	1.80	-	39.85	9.23	33.82
AV	13.32976G	43.77	54.00	-10.23	28.48	3	Horizontal	212	1.80	-	39.88	9.23	33.82

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6665MHz\_TX

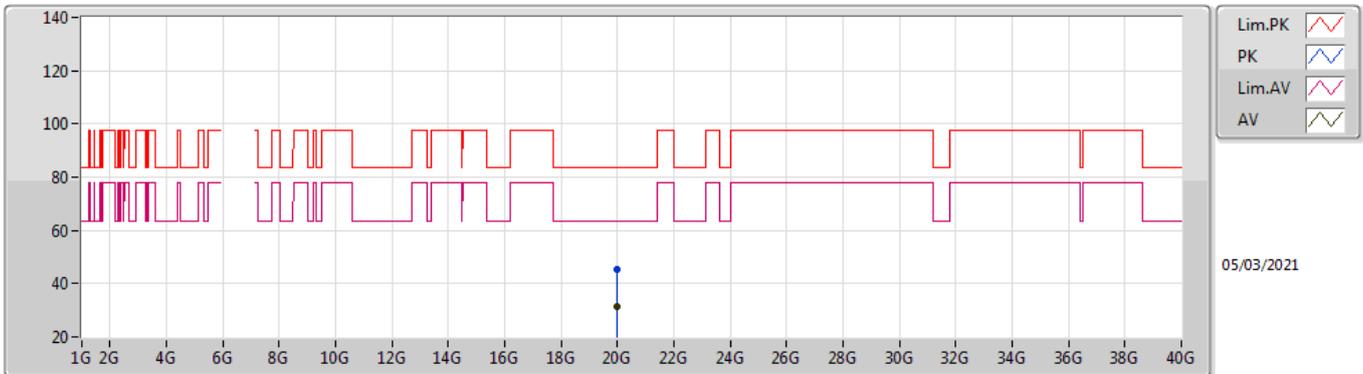


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	19.98956G	45.18	83.54	-38.36	43.27	1	Vertical	239	2.15	-	37.41	14.40	49.90
AV	20.00144G	31.61	63.54	-31.93	29.71	1	Vertical	239	2.15	-	37.40	14.40	49.90

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6665MHz\_TX

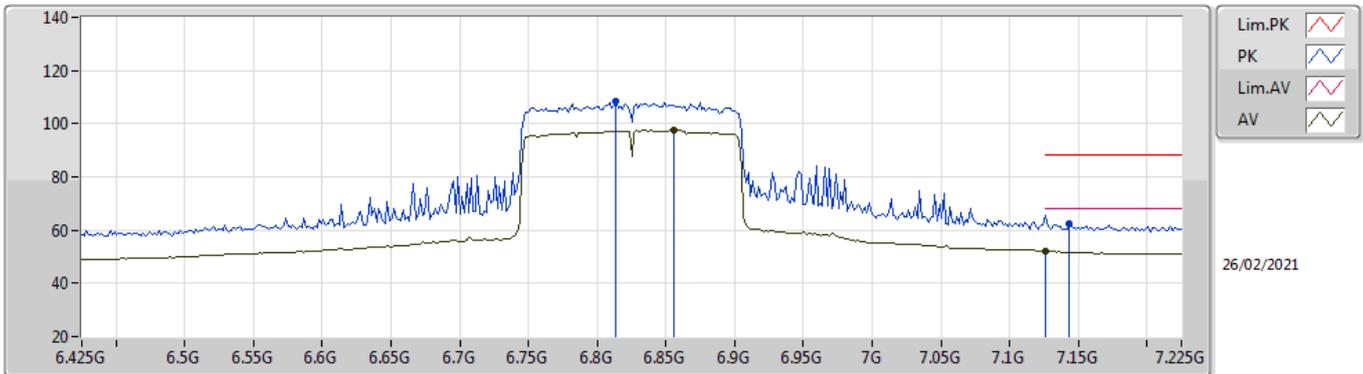


EUT Y\_4TX  
Setting 87  
06-E-S-5

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	19.993G	45.25	83.54	-38.29	43.34	1	Horizontal	184	2.63	-	37.41	14.40	49.90
AV	19.99024G	31.56	63.54	-31.98	29.65	1	Horizontal	184	2.63	-	37.41	14.40	49.90

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6825MHz\_TX

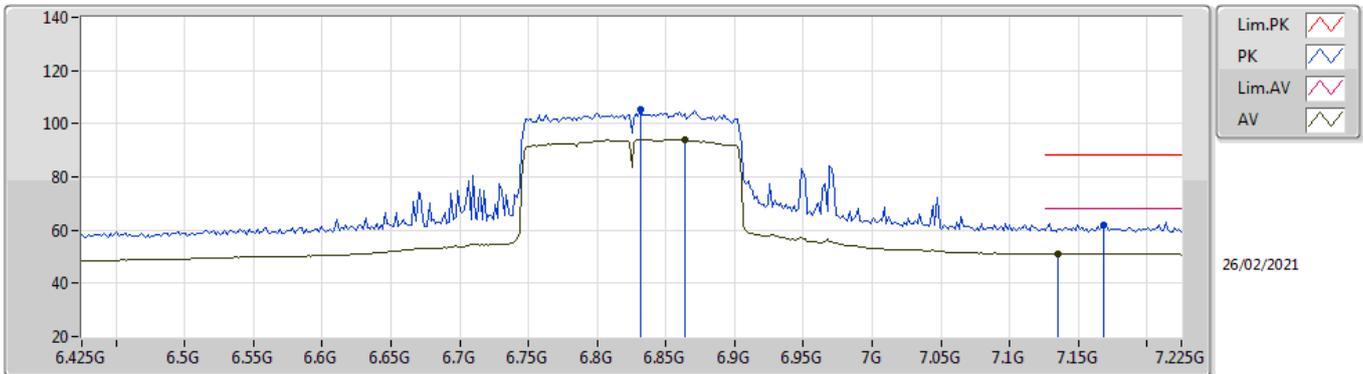


EUT Y\_4TX  
Setting 83  
06-E-S-5-10

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	6.8138G	108.48	Inf	-Inf	101.06	3	Vertical	320	1.76	-	34.38	5.81	32.77
RMS	6.8554G	97.53	Inf	-Inf	89.90	3	Vertical	320	1.76	-	34.62	5.83	32.82
PK	7.1434G	62.17	88.20	-26.03	53.32	3	Vertical	320	1.76	-	35.89	6.04	33.08
RMS	7.1258G	52.04	68.20	-16.16	43.23	3	Vertical	320	1.76	-	35.85	6.03	33.07

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6825MHz\_TX

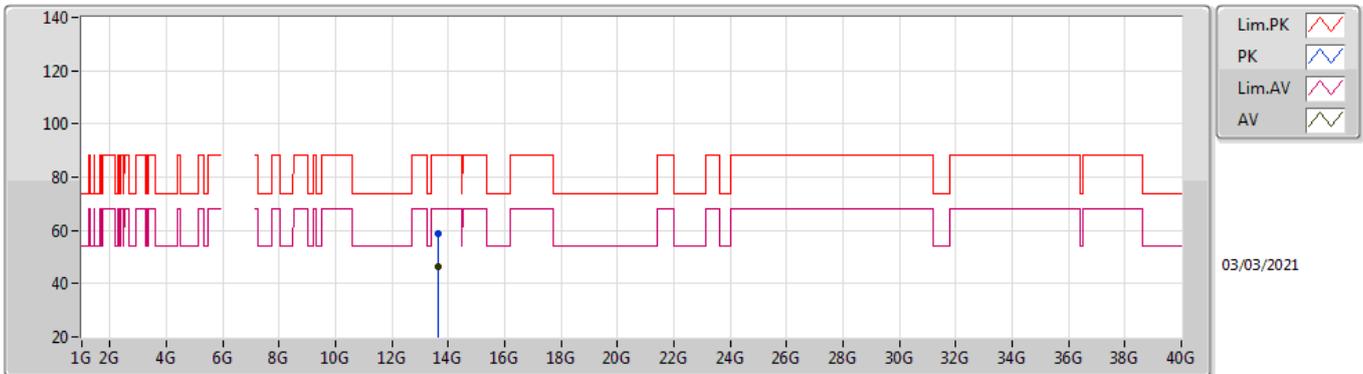


EUT Y\_4TX  
Setting 83  
06-E-S-5-10

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	6.8314G	105.14	Inf	-Inf	97.62	3	Horizontal	353	1.76	-	34.49	5.82	32.79
RMS	6.8634G	94.02	Inf	-Inf	86.38	3	Horizontal	353	1.76	-	34.65	5.83	32.84
PK	7.169G	61.77	88.20	-26.43	52.78	3	Horizontal	353	1.76	-	36.01	6.07	33.09
RMS	7.1354G	51.01	68.20	-17.19	42.17	3	Horizontal	353	1.76	-	35.87	6.04	33.07

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6825MHz\_TX

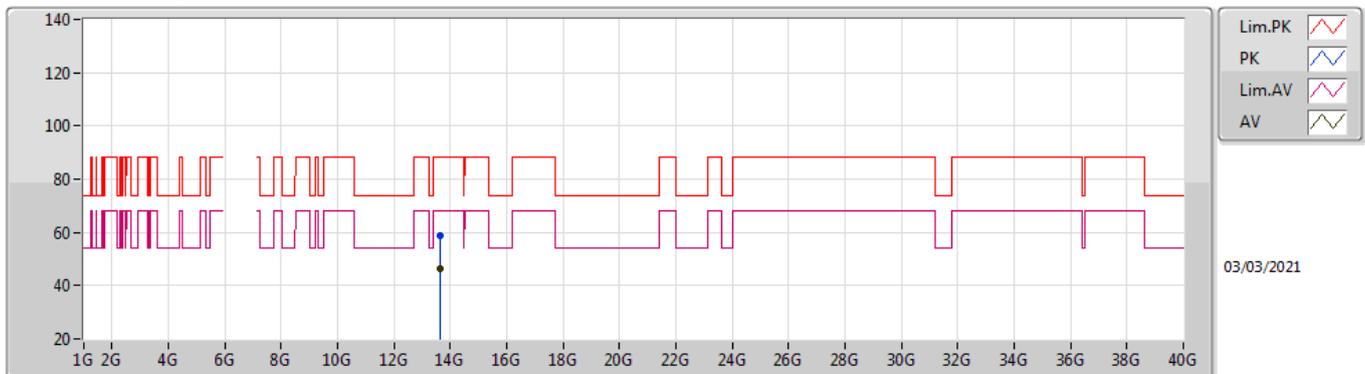


EUT Y\_4TX  
Setting 83  
06-E-S-5

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	13.65008G	59.03	88.20	-29.17	43.08	3	Vertical	311	2.09	-	40.35	9.41	33.81
RMS	13.64988G	46.38	68.20	-21.82	30.42	3	Vertical	311	2.09	-	40.35	9.41	33.80

### 802.11ax HEW160\_Nss4,(MCS0)\_1TX

#### 6825MHz\_TX

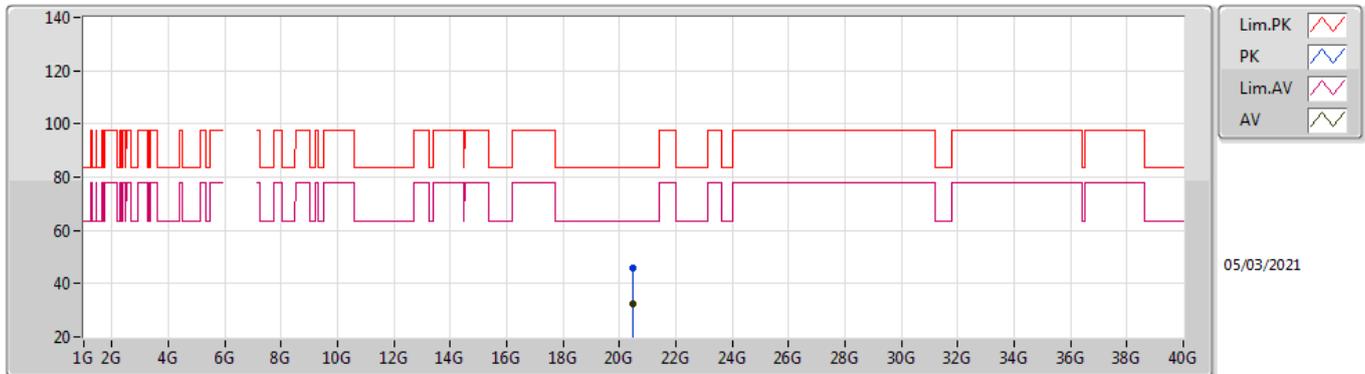


EUT Y\_4TX  
Setting 83  
06-E-S-5

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	13.65416G	59.04	88.20	-29.16	43.09	3	Horizontal	108	2.44	-	40.35	9.41	33.81
RMS	13.64984G	46.25	68.20	-21.95	30.29	3	Horizontal	108	2.44	-	40.35	9.41	33.80

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6825MHz\_TX

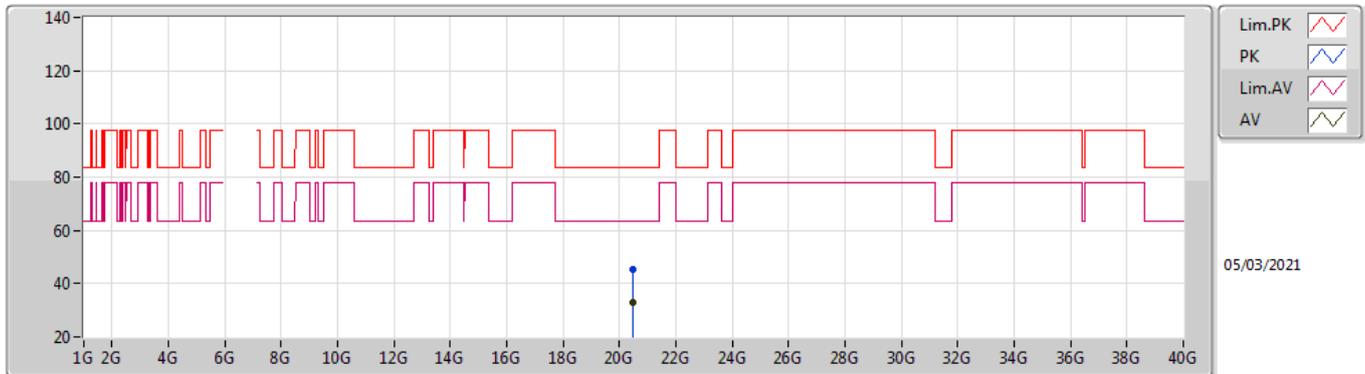


EUT Y\_4TX  
Setting 83  
06-E-S-5

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	20.47208G	45.64	83.54	-37.90	43.34	1	Vertical	327	1.70	-	37.68	14.61	49.99
AV	20.46556G	32.61	63.54	-30.93	30.31	1	Vertical	327	1.70	-	37.68	14.61	49.99

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6825MHz\_TX

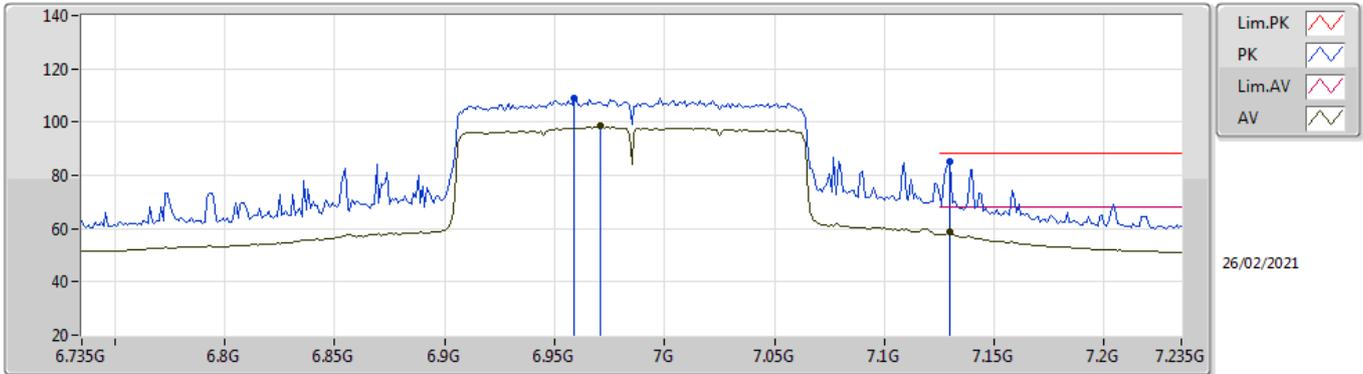


EUT Y\_4TX  
Setting 83  
06-E-S-5

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	20.47848G	45.59	83.54	-37.95	43.28	1	Horizontal	303	1.47	-	37.69	14.62	50.00
AV	20.46536G	32.77	63.54	-30.77	30.47	1	Horizontal	303	1.47	-	37.68	14.61	49.99

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6985MHz\_TX

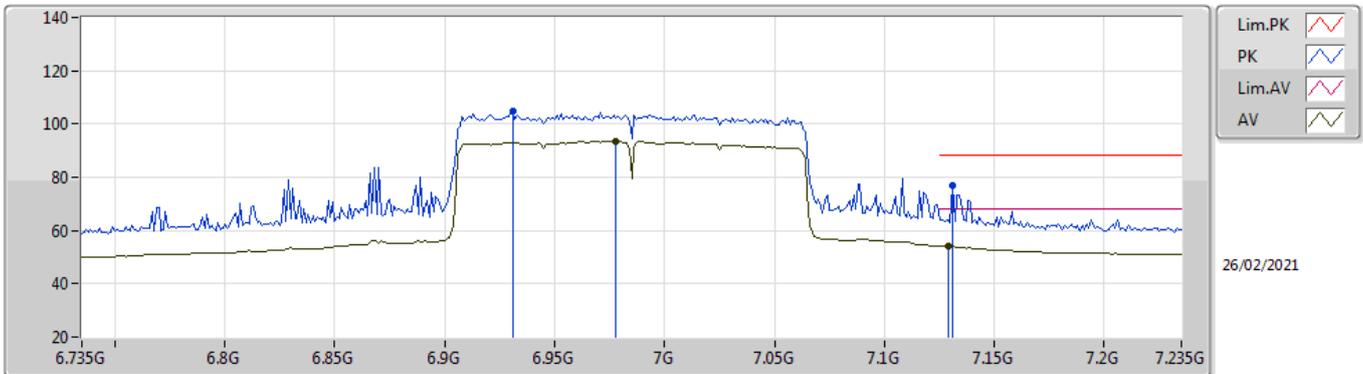


EUT Y\_4TX  
Setting 82  
06-E-S-5-10

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	6.959G	109.16	Inf	-Inf	101.30	3	Vertical	303	1.64	-	34.94	5.88	32.96
RMS	6.971G	98.41	Inf	-Inf	90.51	3	Vertical	303	1.64	-	34.98	5.89	32.97
PK	7.13G	84.98	88.20	-3.22	76.16	3	Vertical	303	1.64	-	35.86	6.03	33.07
RMS	7.13G	58.61	68.20	-9.59	49.79	3	Vertical	303	1.64	-	35.86	6.03	33.07

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6985MHz\_TX

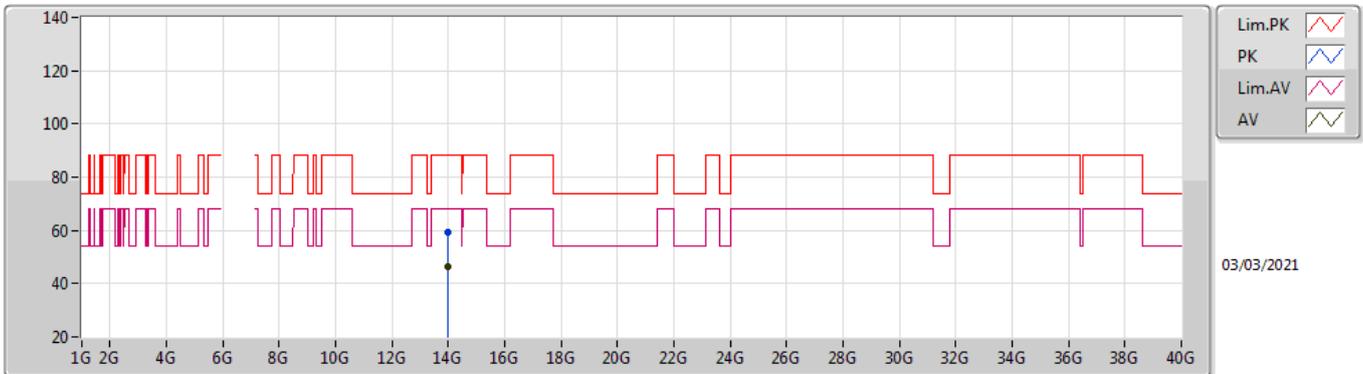


EUT Y\_4TX  
Setting 82  
06-E-S-5-10

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	6.931G	104.62	Inf	-Inf	96.81	3	Horizontal	349	1.74	-	34.86	5.87	32.92
RMS	6.978G	93.55	Inf	-Inf	85.63	3	Horizontal	349	1.74	-	35.01	5.89	32.98
PK	7.131G	77.10	88.20	-11.10	68.28	3	Horizontal	349	1.74	-	35.86	6.03	33.07
RMS	7.129G	54.27	68.20	-13.93	45.45	3	Horizontal	349	1.74	-	35.86	6.03	33.07

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6985MHz\_TX

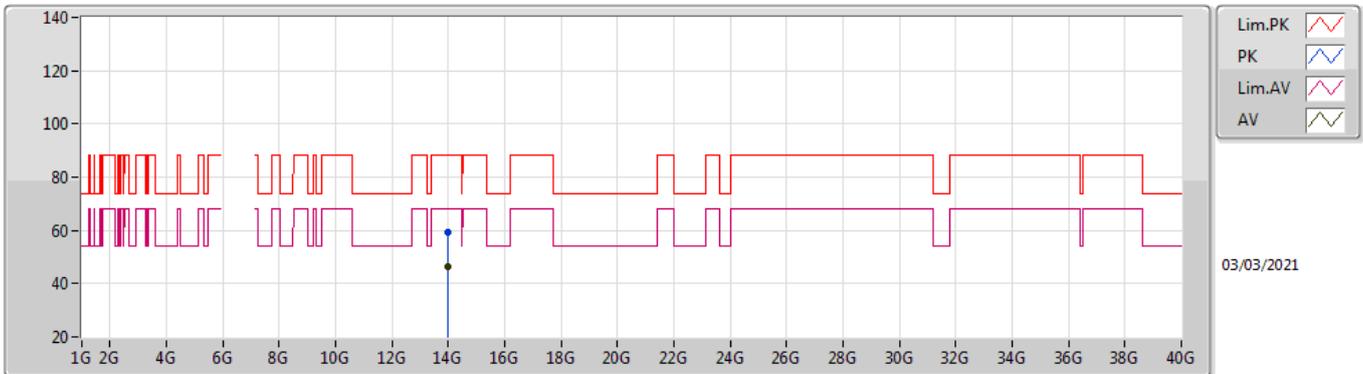


EUT Y\_4TX  
Setting 82  
06-E-S-5

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	13.9702G	59.45	88.20	-28.75	43.39	3	Vertical	261	1.29	-	40.57	9.58	34.09
RMS	13.96744G	46.41	68.20	-21.79	30.35	3	Vertical	261	1.29	-	40.57	9.58	34.09

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6985MHz\_TX

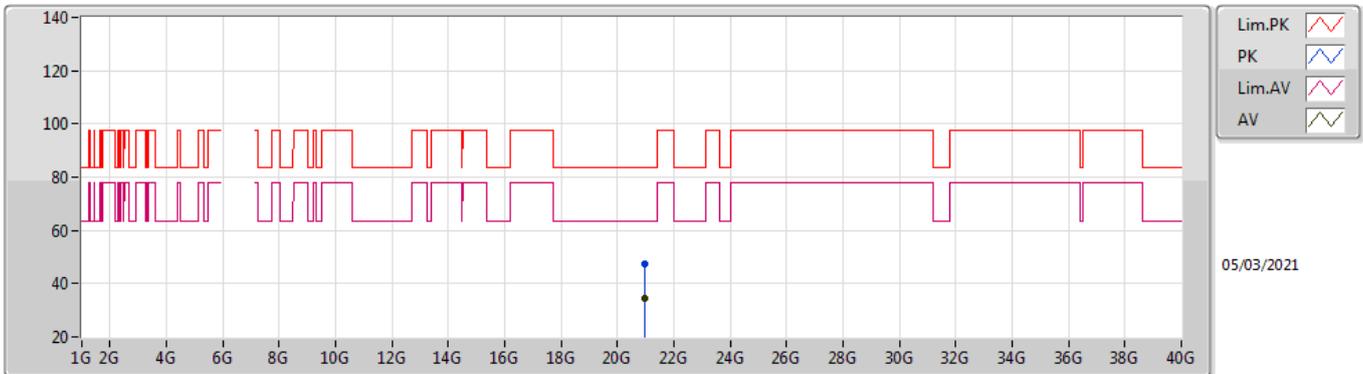


EUT Y\_4TX  
Setting 82  
06-E-S-5

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	13.9632G	59.52	88.20	-28.68	43.47	3	Horizontal	274	2.23	-	40.56	9.58	34.09
RMS	13.97488G	46.45	68.20	-21.75	30.39	3	Horizontal	274	2.23	-	40.57	9.59	34.10

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6985MHz\_TX

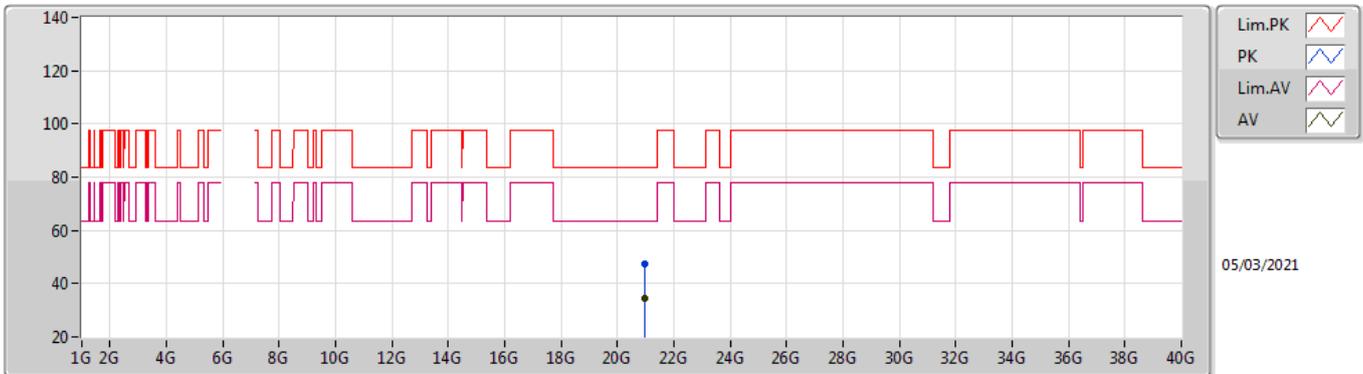


EUT Y\_4TX  
Setting 82  
06-E-S-5

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	20.94772G	47.39	83.54	-36.15	44.32	1	Vertical	353	1.09	-	38.15	14.83	49.91
AV	20.9452G	34.70	63.54	-28.84	31.63	1	Vertical	353	1.09	-	38.15	14.83	49.91

802.11ax HEW160\_Nss4,(MCS0)\_1TX

6985MHz\_TX



EUT Y\_4TX  
Setting 82  
06-E-S-5

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	20.95836G	47.34	83.54	-36.20	44.26	1	Horizontal	214	1.12	-	38.16	14.83	49.91
AV	20.95816G	34.42	63.54	-29.12	31.34	1	Horizontal	214	1.12	-	38.16	14.83	49.91

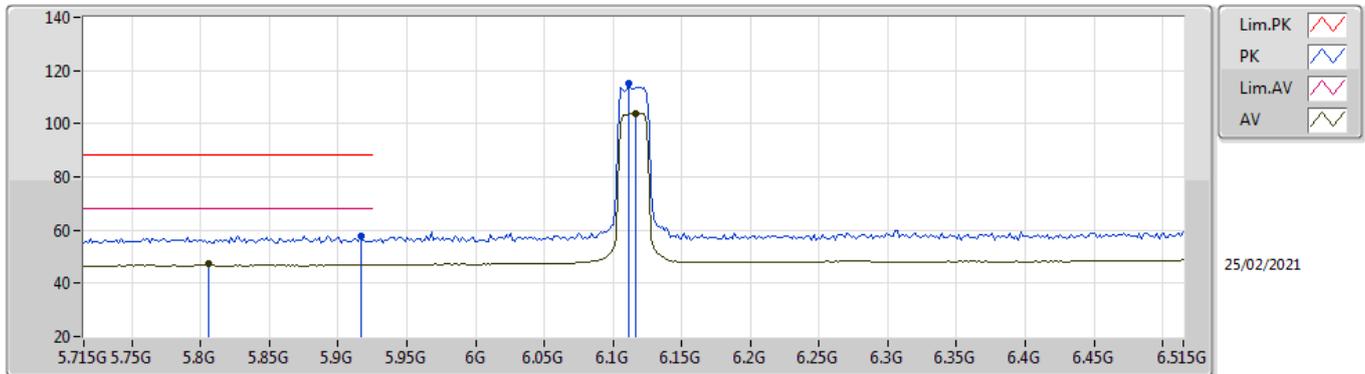


Mode 2, Beamforming mode: Nss1  
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	13.39256G	46.07	54.00	-7.93	3	Vertical	191	2.41	-

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6115MHz\_TX

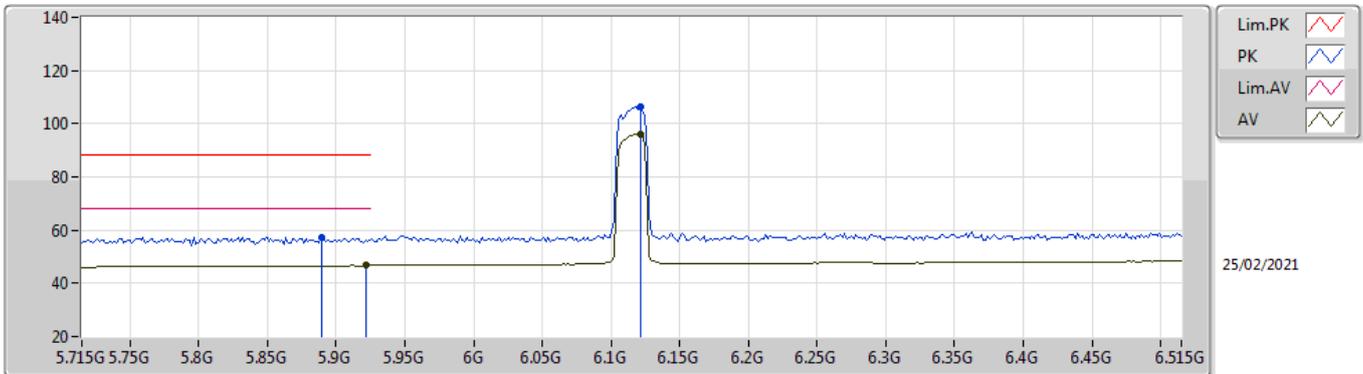


EUT Y\_4TX  
Setting 32  
06-F-S-5-10

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	5.9166G	57.98	88.20	-30.22	51.93	3	Vertical	311	1.80	-	32.30	5.42	31.67
RMS	5.8062G	47.19	68.20	-21.01	41.58	3	Vertical	311	1.80	-	32.02	5.31	31.72
PK	6.1118G	115.18	Inf	-Inf	109.11	3	Vertical	311	1.80	-	32.37	5.50	31.80
RMS	6.1166G	104.03	Inf	-Inf	97.93	3	Vertical	311	1.80	-	32.40	5.50	31.80

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6115MHz\_TX

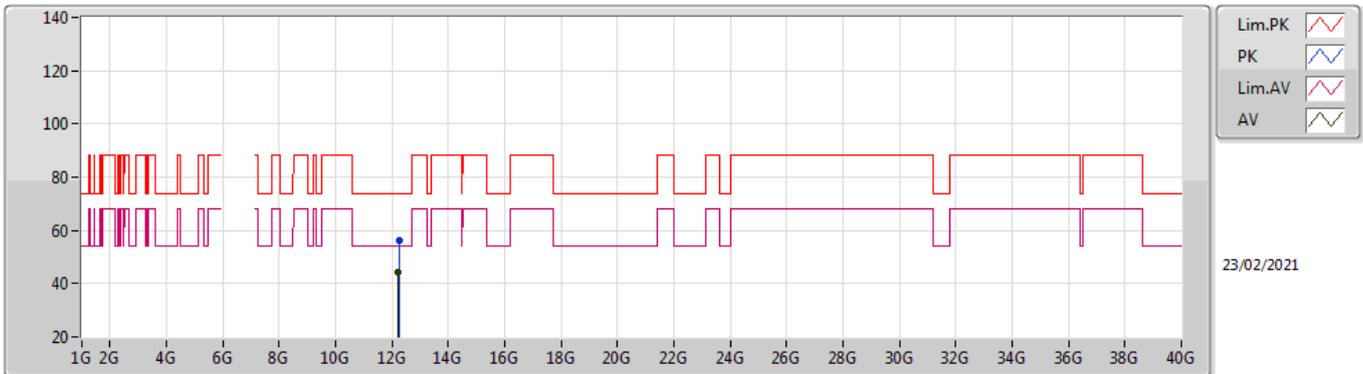


EUT Y\_4TX  
Setting 32  
06-F-S-5-10

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	5.8894G	57.10	88.20	-31.10	51.11	3	Horizontal	32	2.66	-	32.28	5.39	31.68
RMS	5.9214G	46.73	68.20	-21.47	40.68	3	Horizontal	32	2.66	-	32.30	5.42	31.67
PK	6.1214G	106.17	Inf	-Inf	100.05	3	Horizontal	32	2.66	-	32.43	5.50	31.81
RMS	6.1214G	95.98	Inf	-Inf	89.86	3	Horizontal	32	2.66	-	32.43	5.50	31.81

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6115MHz\_TX

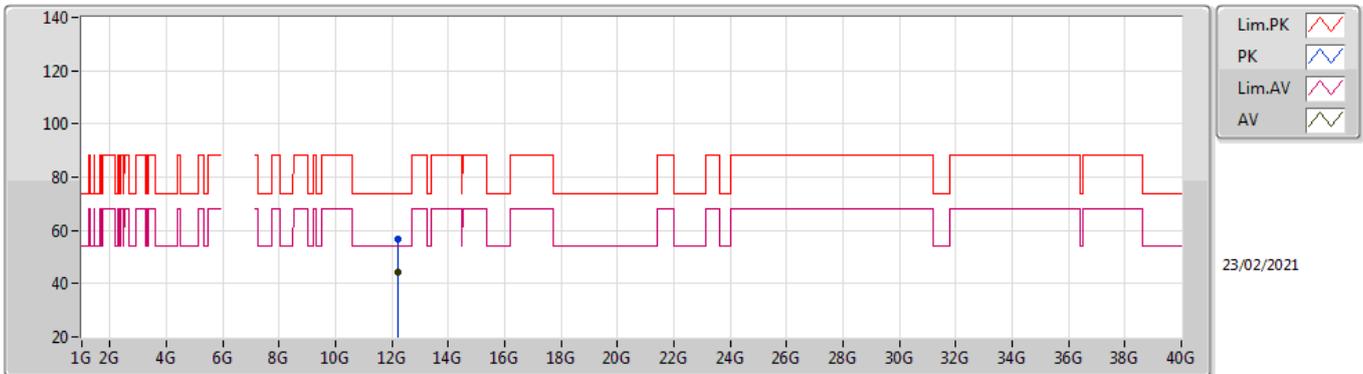


EUT Y\_4TX  
Setting 32  
06-F-S-5

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	12.23792G	56.16	74.00	-17.84	42.73	3	Vertical	3	1.80	-	38.86	8.63	34.06
AV	12.23032G	44.16	54.00	-9.84	30.72	3	Vertical	3	1.80	-	38.87	8.63	34.06

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6115MHz\_TX

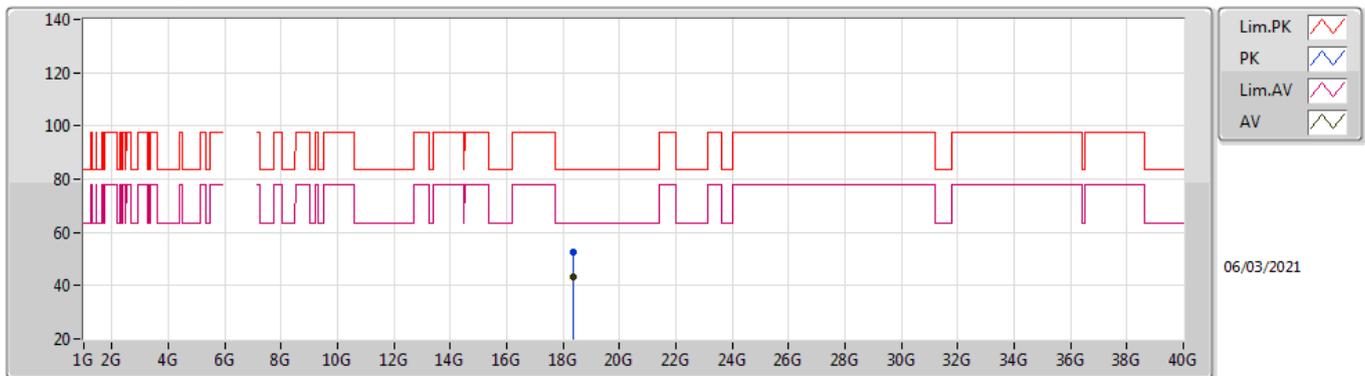


EUT Y\_4TX  
Setting 32  
06-F-S-5

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	12.225G	56.52	74.00	-17.48	43.10	3	Horizontal	288	1.80	-	38.87	8.62	34.07
AV	12.2272G	44.21	54.00	-9.79	30.79	3	Horizontal	288	1.80	-	38.87	8.62	34.07

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 6115MHz\_TX

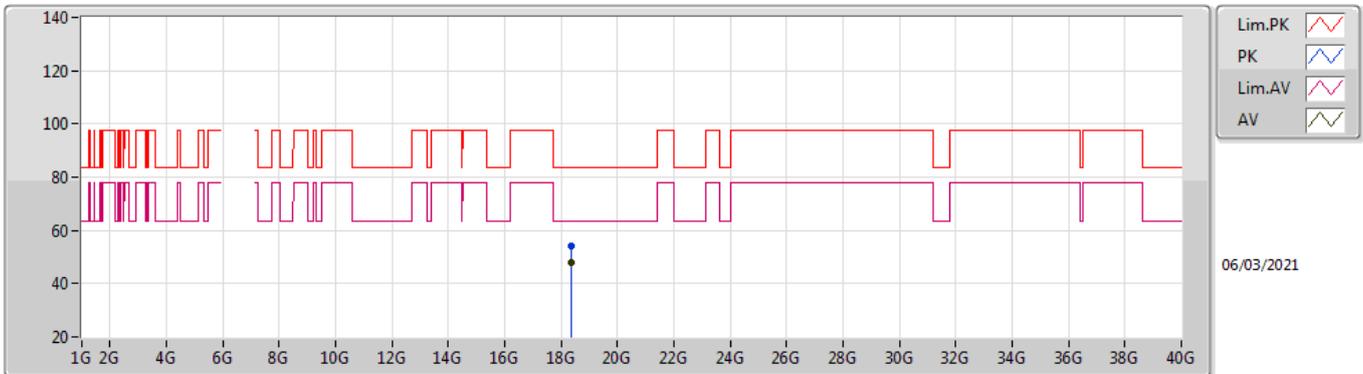


EUT Y\_4TX  
Setting 32  
06-F-S-5

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	18.34492G	52.46	83.54	-31.08	50.92	1	Vertical	37	1.80	-	37.58	14.23	50.27
AV	18.34484G	43.25	63.54	-20.29	41.71	1	Vertical	37	1.80	-	37.58	14.23	50.27

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 6115MHz\_TX

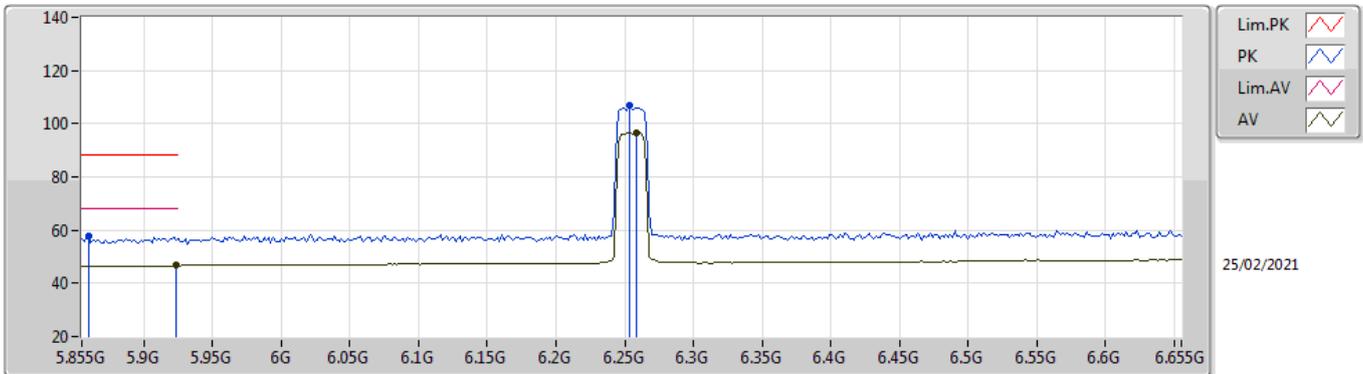


EUT Y\_4TX  
Setting 32  
06-F-S-5

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	18.34492G	54.05	83.54	-29.49	52.51	1	Horizontal	86	1.80	-	37.58	14.23	50.27
AV	18.3448G	48.17	63.54	-15.37	46.63	1	Horizontal	86	1.80	-	37.58	14.23	50.27

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6255MHz\_TX

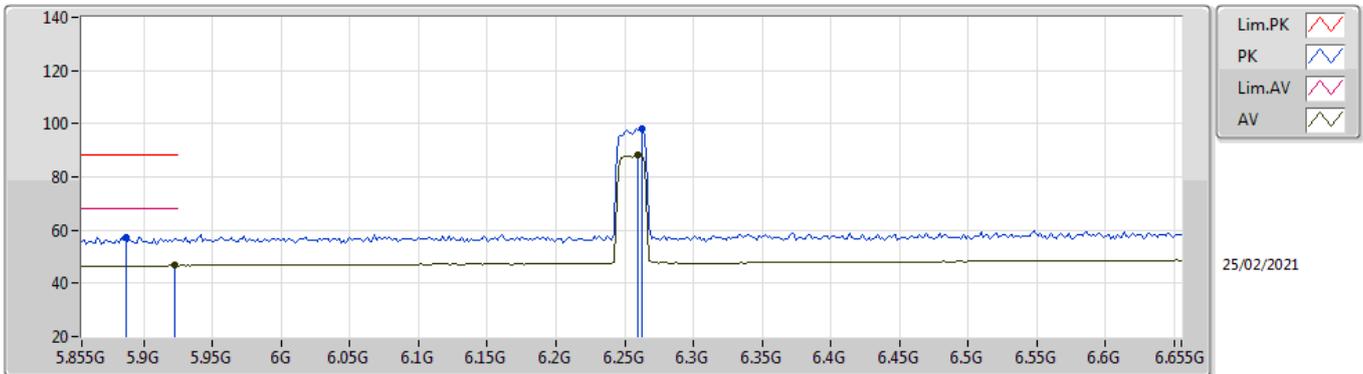


EUT Y\_4TX  
Setting 25  
06-F-S-5-10

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	5.8598G	57.99	88.20	-30.21	52.11	3	Vertical	309	1.72	-	32.22	5.36	31.70
RMS	5.9238G	46.67	68.20	-21.53	40.62	3	Vertical	309	1.72	-	32.30	5.42	31.67
PK	6.2534G	107.09	Inf	-Inf	100.66	3	Vertical	309	1.72	-	32.91	5.53	32.01
RMS	6.2582G	96.67	Inf	-Inf	90.23	3	Vertical	309	1.72	-	32.92	5.53	32.01

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6255MHz\_TX

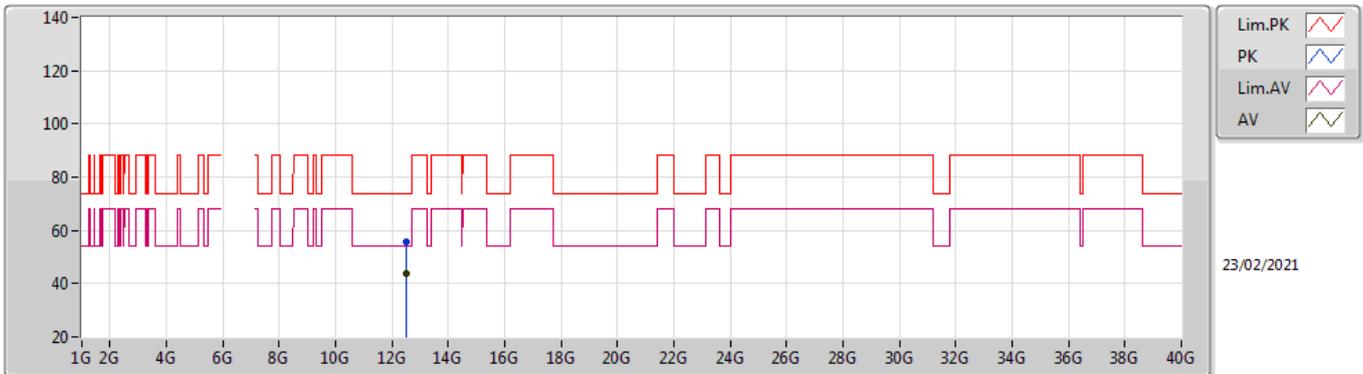


EUT Y\_4TX  
Setting 25  
06-F-S-5-10

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	5.887G	57.33	88.20	-30.87	51.35	3	Horizontal	199	1.95	-	32.27	5.39	31.68
RMS	5.9222G	46.65	68.20	-21.55	40.60	3	Horizontal	199	1.95	-	32.30	5.42	31.67
PK	6.263G	98.12	Inf	-Inf	91.68	3	Horizontal	199	1.95	-	32.93	5.53	32.02
RMS	6.2598G	88.35	Inf	-Inf	81.91	3	Horizontal	199	1.95	-	32.92	5.53	32.01

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6255MHz\_TX

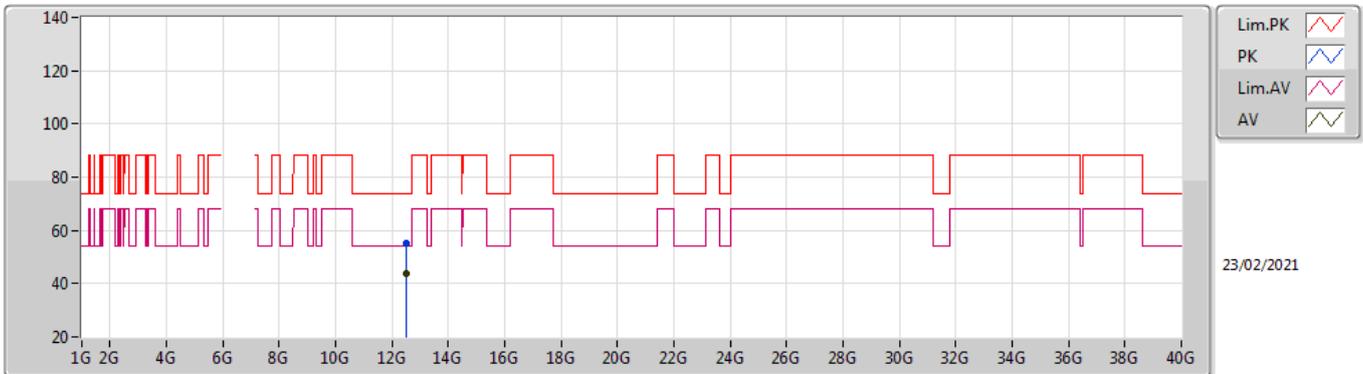


EUT Y\_4TX  
Setting 25  
06-F-S-5

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	12.51024G	55.48	74.00	-18.52	42.11	3	Vertical	289	2.52	-	38.53	8.78	33.94
AV	12.50664G	43.81	54.00	-10.19	30.45	3	Vertical	289	2.52	-	38.52	8.78	33.94

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6255MHz\_TX

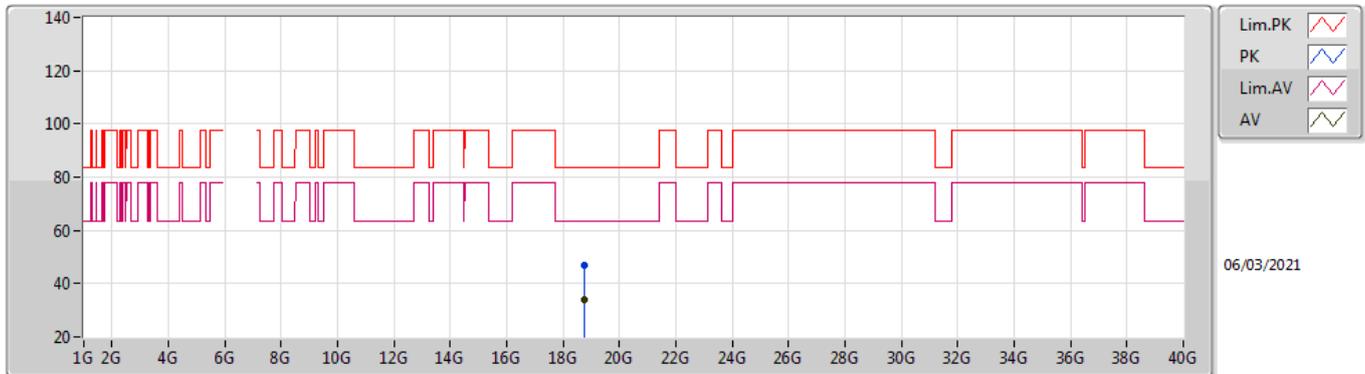


EUT Y\_4TX  
Setting 25  
06-F-S-5

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	12.50978G	55.04	74.00	-18.96	41.67	3	Horizontal	218	1.66	-	38.53	8.78	33.94
AV	12.51004G	43.57	54.00	-10.43	30.20	3	Horizontal	218	1.66	-	38.53	8.78	33.94

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6255MHz\_TX

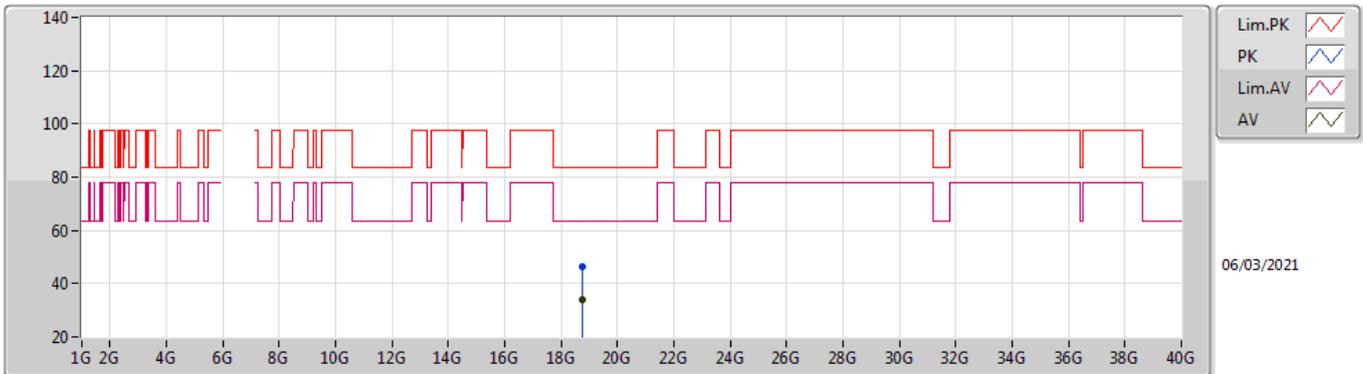


EUT Y\_4TX  
Setting 25  
06-F-S-5

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	18.76276G	46.74	83.54	-36.80	44.64	1	Vertical	85	2.24	-	38.07	14.28	50.25
AV	18.76354G	33.72	63.54	-29.82	31.62	1	Vertical	85	2.24	-	38.07	14.28	50.25

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6255MHz\_TX

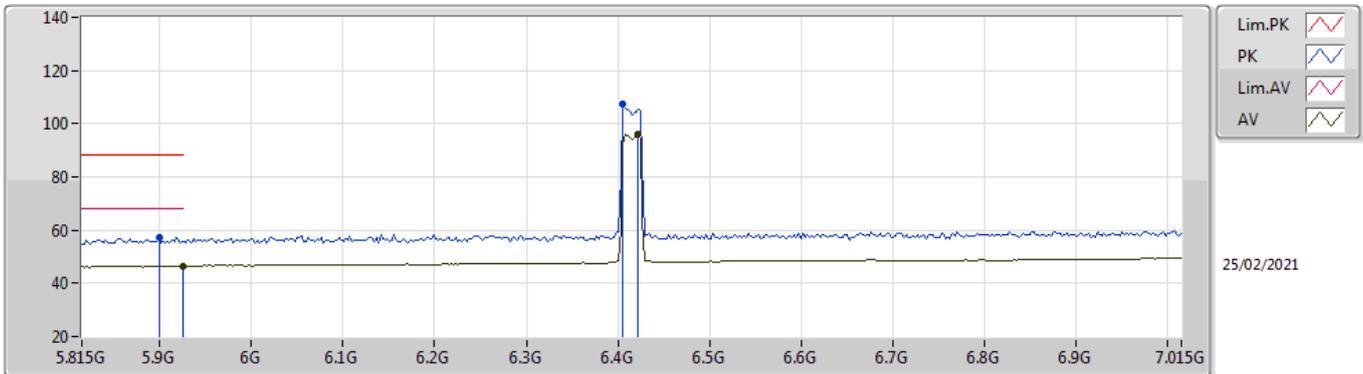


EUT Y\_4TX  
Setting 25  
06-F-S-5

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	18.76076G	46.62	83.54	-36.92	44.52	1	Horizontal	358	2.22	-	38.07	14.28	50.25
AV	18.76856G	33.90	63.54	-29.64	31.79	1	Horizontal	358	2.22	-	38.08	14.28	50.25

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6415MHz\_TX

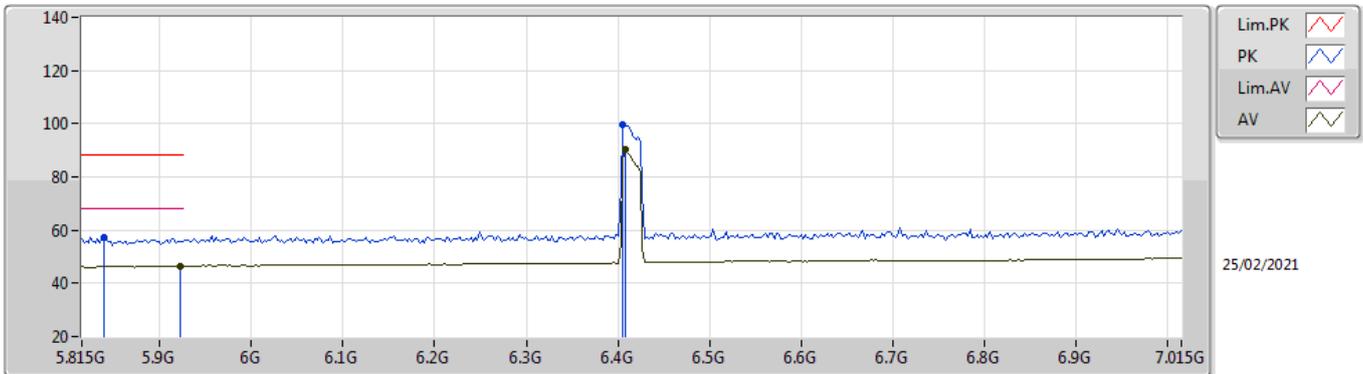


EUT Y\_4TX  
Setting 31  
06-F-S-5-10

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	5.899G	57.27	88.20	-30.93	51.25	3	Vertical	298	1.80	-	32.30	5.40	31.68
RMS	5.925G	46.48	68.20	-21.72	40.43	3	Vertical	298	1.80	-	32.30	5.42	31.67
PK	6.4054G	107.23	Inf	-Inf	100.34	3	Vertical	298	1.80	-	33.52	5.60	32.23
RMS	6.4222G	96.28	Inf	-Inf	89.34	3	Vertical	298	1.80	-	33.59	5.60	32.25

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6415MHz\_TX

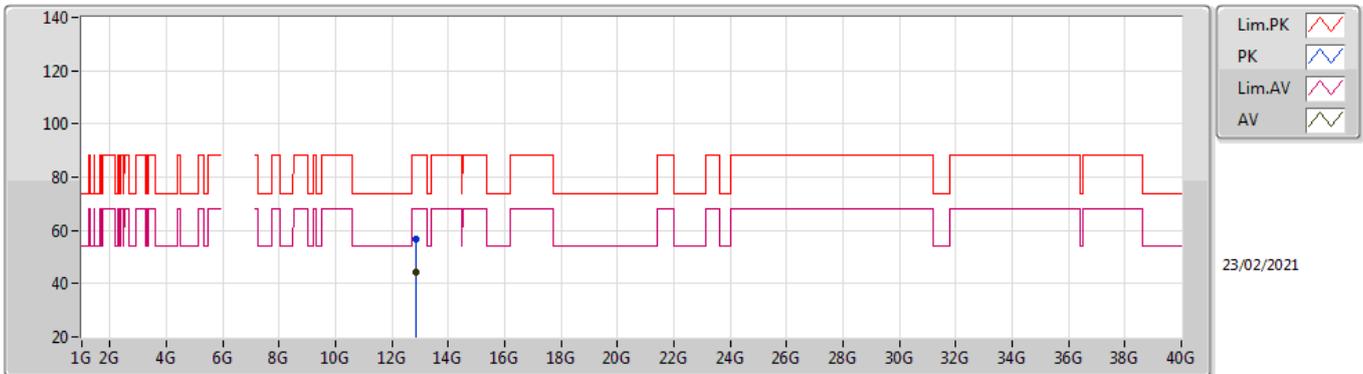


EUT Y\_4TX  
Setting 31  
06-F-S-5-10

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	5.839G	57.28	88.20	-30.92	51.49	3	Horizontal	219	1.80	-	32.16	5.34	31.71
RMS	5.923G	46.45	68.20	-21.75	40.40	3	Horizontal	219	1.80	-	32.30	5.42	31.67
PK	6.4054G	99.65	Inf	-Inf	92.76	3	Horizontal	219	1.80	-	33.52	5.60	32.23
RMS	6.4078G	90.33	Inf	-Inf	83.43	3	Horizontal	219	1.80	-	33.53	5.60	32.23

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6415MHz\_TX

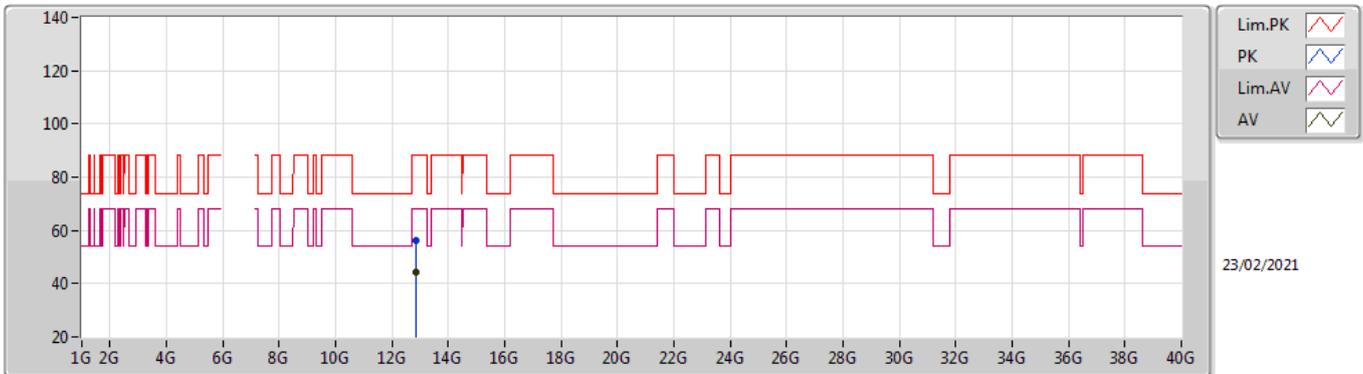


EUT Y\_4TX  
Setting 31  
06-F-S-5

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	12.8335G	56.64	88.20	-31.56	42.33	3	Vertical	303	1.95	-	39.40	8.96	34.05
RMS	12.82846G	44.07	68.20	-24.13	29.76	3	Vertical	303	1.95	-	39.40	8.96	34.05

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6415MHz\_TX

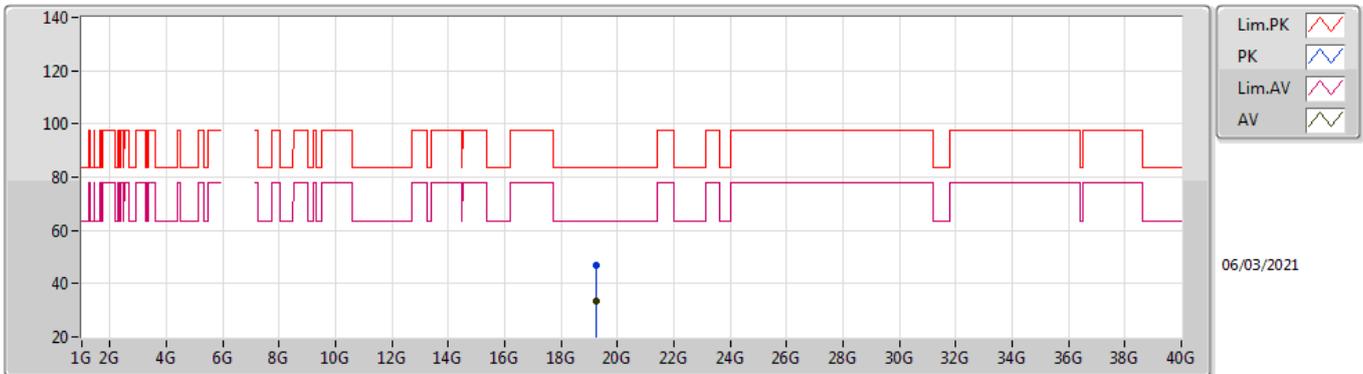


EUT Y\_4TX  
Setting 31  
06-F-S-5

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	12.82922G	56.38	88.20	-31.82	42.07	3	Horizontal	256	1.29	-	39.40	8.96	34.05
RMS	12.8307G	44.07	68.20	-24.13	29.76	3	Horizontal	256	1.29	-	39.40	8.96	34.05

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6415MHz\_TX

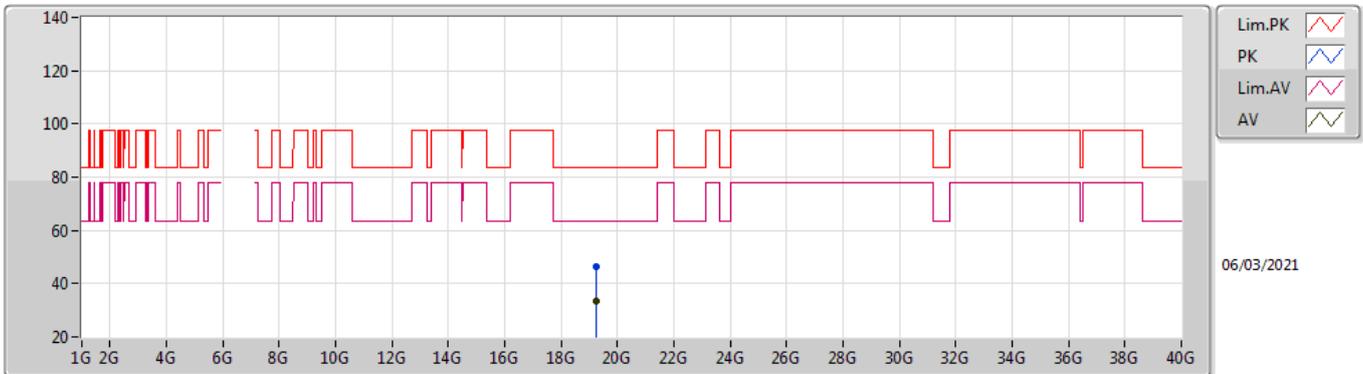


EUT Y\_4TX  
Setting 31  
06-F-S-5

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	19.24204G	46.76	83.54	-36.78	44.48	1	Vertical	160	2.59	-	38.11	14.32	50.15
AV	19.2474G	33.49	63.54	-30.05	31.22	1	Vertical	160	2.59	-	38.10	14.32	50.15

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6415MHz\_TX

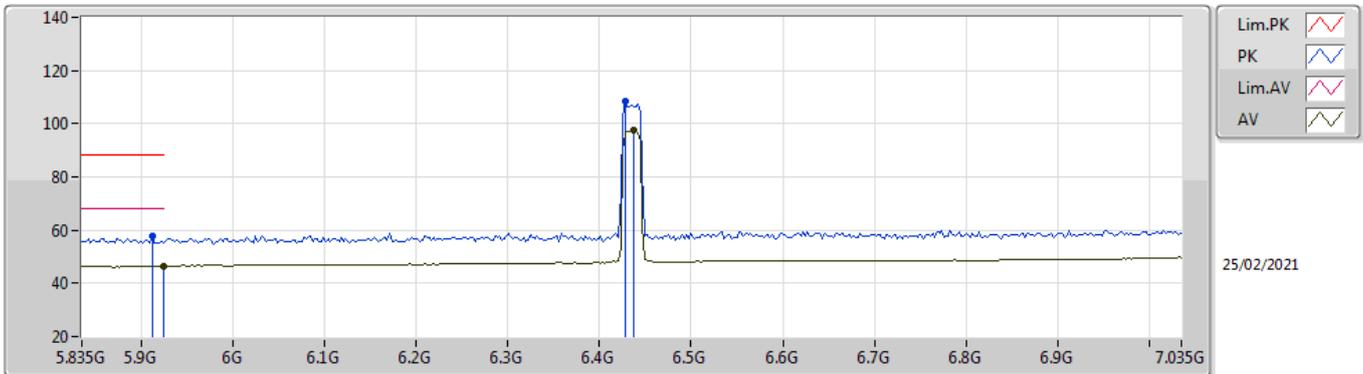


EUT Y\_4TX  
Setting 31  
06-F-S-5

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	19.24228G	46.53	83.54	-37.01	44.25	1	Horizontal	54	2.40	-	38.11	14.32	50.15
AV	19.2455G	33.57	63.54	-29.97	31.29	1	Horizontal	54	2.40	-	38.11	14.32	50.15

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6435MHz\_TX

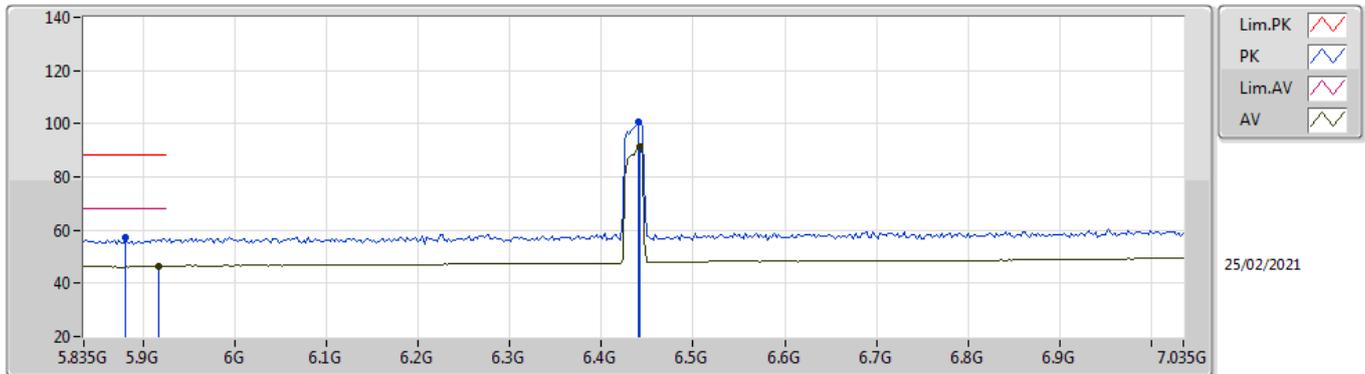


EUT Y\_4TX  
Setting 30  
06-F-S-5-10

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	5.9118G	57.92	88.20	-30.28	51.88	3	Vertical	276	1.80	-	32.30	5.41	31.67
RMS	5.9238G	46.45	68.20	-21.75	40.40	3	Vertical	276	1.80	-	32.30	5.42	31.67
PK	6.4278G	108.42	Inf	-Inf	101.47	3	Vertical	276	1.80	-	33.61	5.60	32.26
RMS	6.4374G	97.33	Inf	-Inf	90.36	3	Vertical	276	1.80	-	33.65	5.60	32.28

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6435MHz\_TX

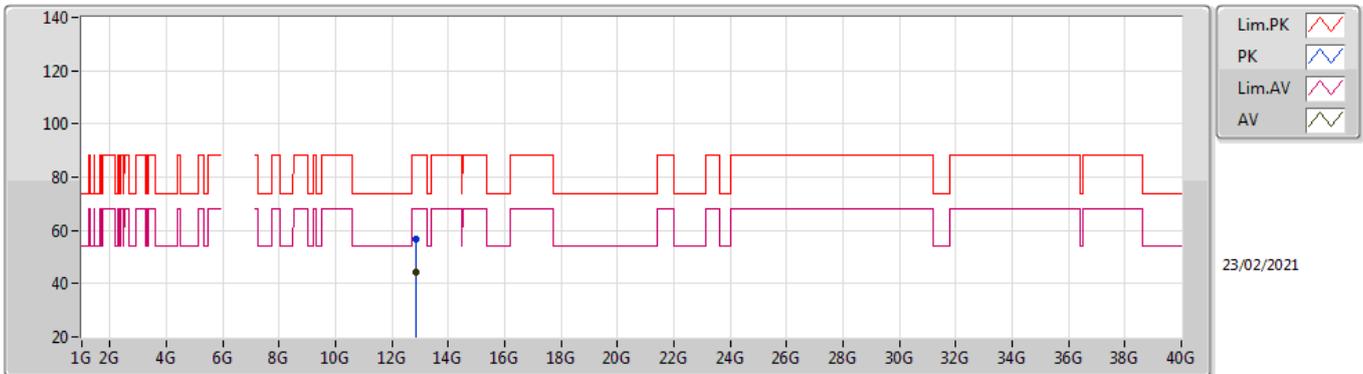


EUT Y\_4TX  
Setting 30  
06-F-S-5-10

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	5.8806G	57.03	88.20	-31.17	51.08	3	Horizontal	220	1.94	-	32.26	5.38	31.69
RMS	5.9166G	46.37	68.20	-21.83	40.32	3	Horizontal	220	1.94	-	32.30	5.42	31.67
PK	6.4398G	100.90	Inf	-Inf	93.92	3	Horizontal	220	1.94	-	33.66	5.60	32.28
RMS	6.4422G	91.28	Inf	-Inf	84.29	3	Horizontal	220	1.94	-	33.67	5.60	32.28

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6435MHz\_TX

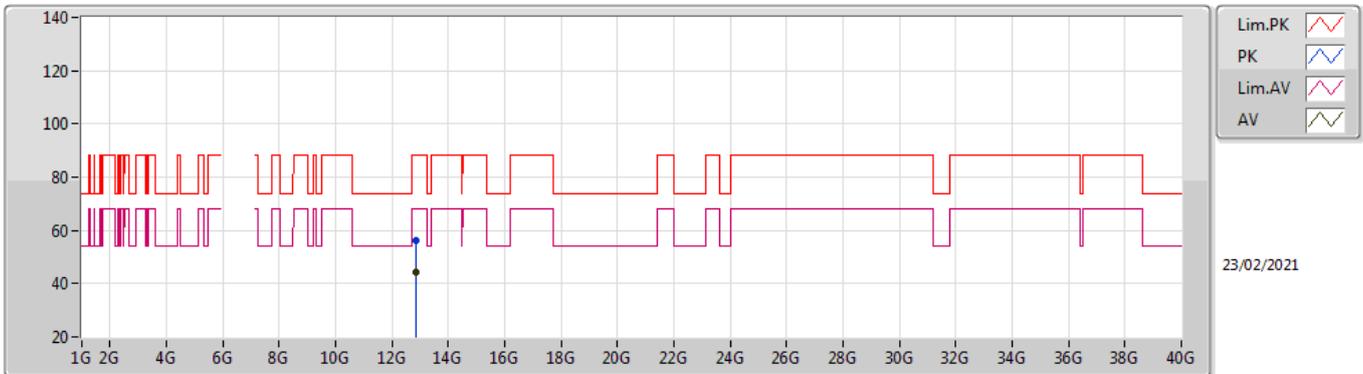


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	12.8726G	56.56	88.20	-31.64	42.25	3	Vertical	223	1.72	-	39.40	8.98	34.07
RMS	12.86818G	44.10	68.20	-24.10	29.79	3	Vertical	223	1.72	-	39.40	8.98	34.07

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 6435MHz\_TX

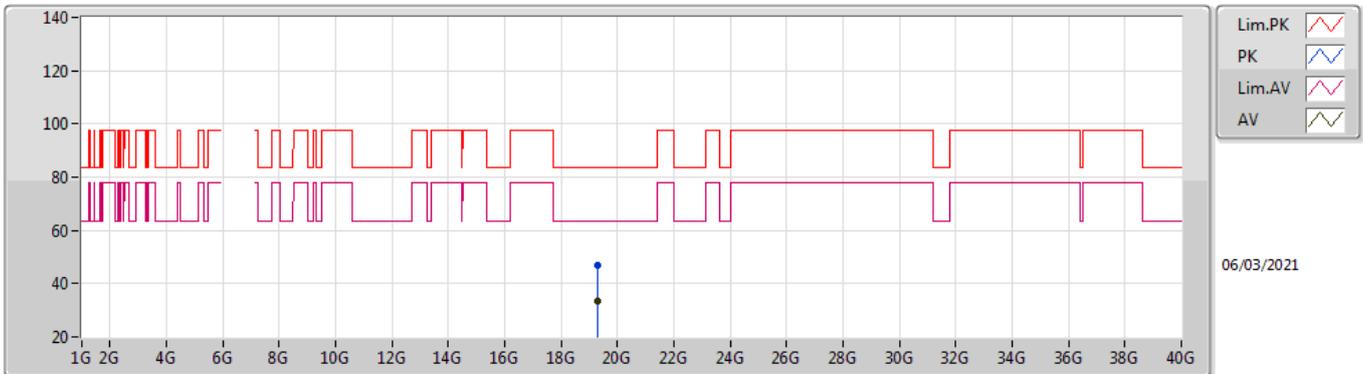


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	12.87288G	56.22	88.20	-31.98	41.91	3	Horizontal	73	2.92	-	39.40	8.98	34.07
RMS	12.87494G	44.35	68.20	-23.85	30.04	3	Horizontal	73	2.92	-	39.40	8.98	34.07

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6435MHz\_TX

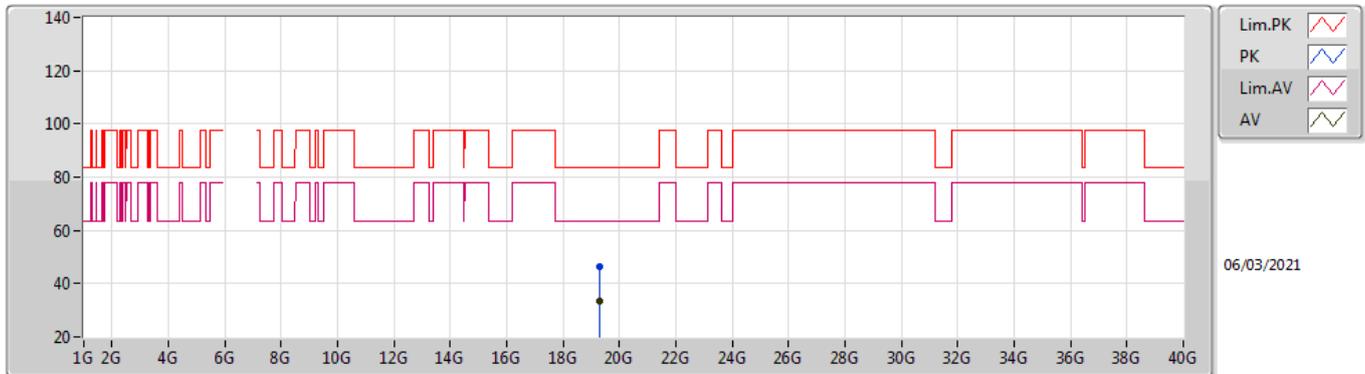


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	19.3012G	46.98	83.54	-36.56	44.75	1	Vertical	341	1.49	-	38.04	14.33	50.14
AV	19.30428G	33.44	63.54	-30.10	31.22	1	Vertical	341	1.49	-	38.03	14.33	50.14

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6435MHz\_TX

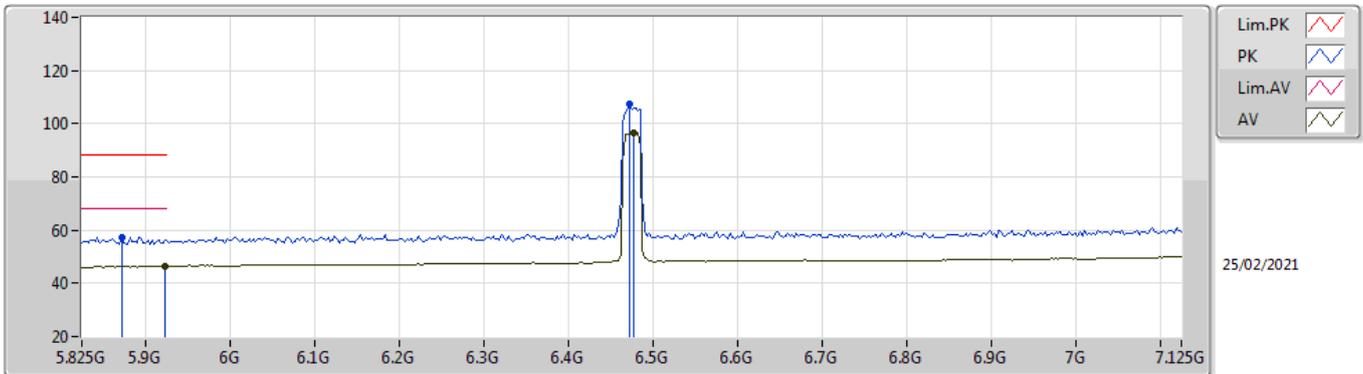


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	19.30414G	46.13	83.54	-37.41	43.90	1	Horizontal	214	1.64	-	38.04	14.33	50.14
AV	19.3021G	33.28	63.54	-30.26	31.05	1	Horizontal	214	1.64	-	38.04	14.33	50.14

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6475MHz\_TX

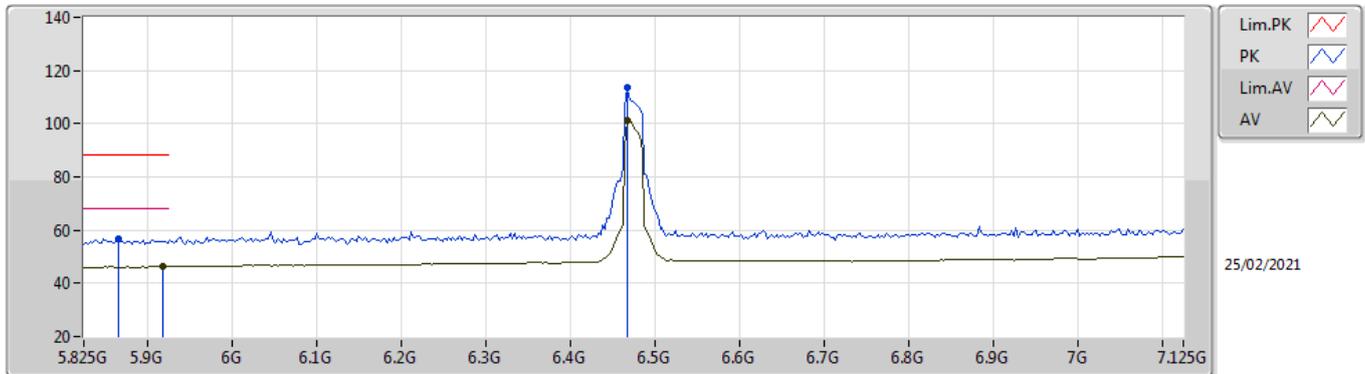


EUT Y\_4TX  
Setting 30  
06-F-S-5-10

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	5.8718G	57.31	88.20	-30.89	51.39	3	Vertical	72	1.80	-	32.24	5.37	31.69
RMS	5.9238G	46.42	68.20	-21.78	40.37	3	Vertical	72	1.80	-	32.30	5.42	31.67
PK	6.4724G	107.33	Inf	-Inf	100.27	3	Vertical	72	1.80	-	33.79	5.60	32.33
RMS	6.4776G	96.79	Inf	-Inf	89.72	3	Vertical	72	1.80	-	33.81	5.60	32.34

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6475MHz\_TX

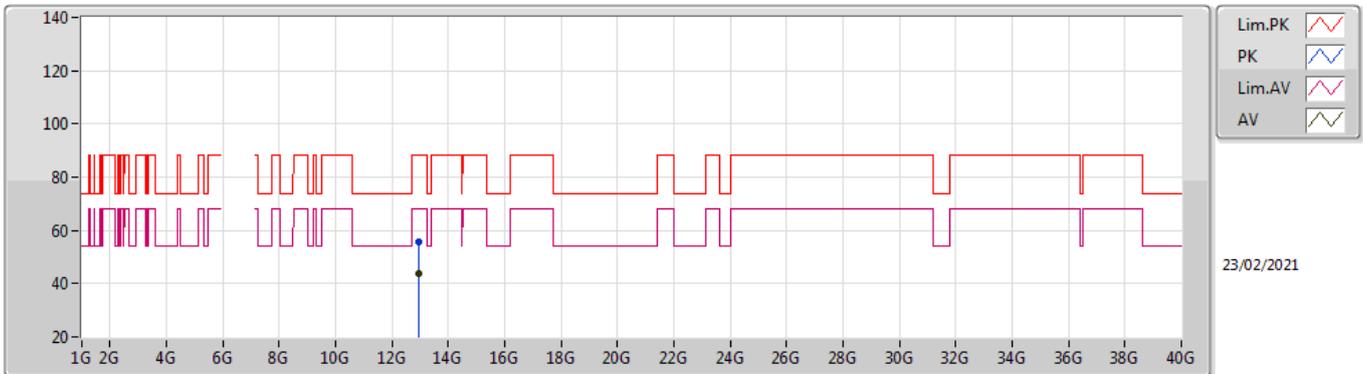


EUT Y\_4TX  
Setting 30  
06-F-S-5-10

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	5.8666G	56.89	88.20	-31.31	50.98	3	Horizontal	325	1.84	-	32.23	5.37	31.69
RMS	5.9186G	46.34	68.20	-21.86	40.29	3	Horizontal	325	1.84	-	32.30	5.42	31.67
PK	6.4672G	113.55	Inf	-Inf	106.50	3	Horizontal	325	1.84	-	33.77	5.60	32.32
RMS	6.4672G	101.37	Inf	-Inf	94.32	3	Horizontal	325	1.84	-	33.77	5.60	32.32

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6475MHz\_TX

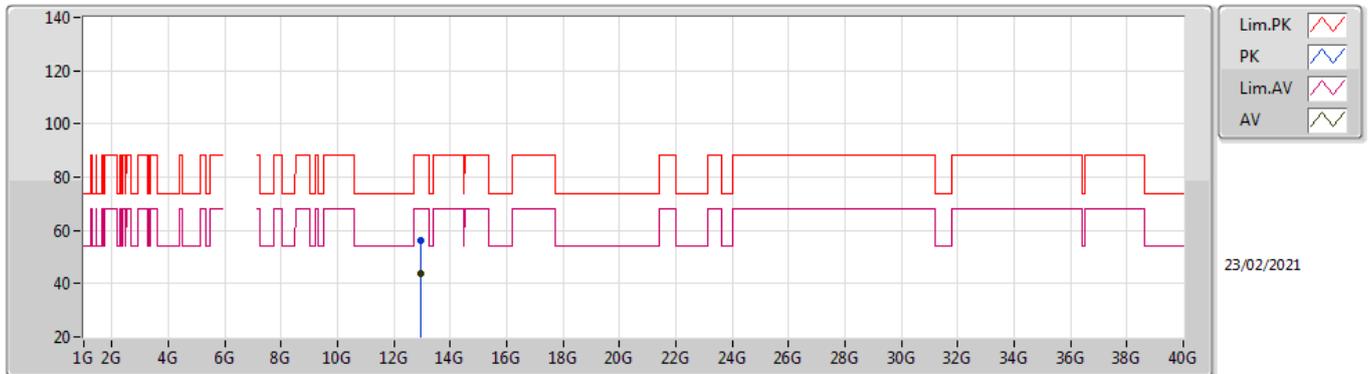


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	12.95052G	55.91	88.20	-32.29	41.53	3	Vertical	67	1.09	-	39.45	9.02	34.09
RMS	12.9468G	43.99	68.20	-24.21	29.61	3	Vertical	67	1.09	-	39.45	9.02	34.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 6475MHz\_TX

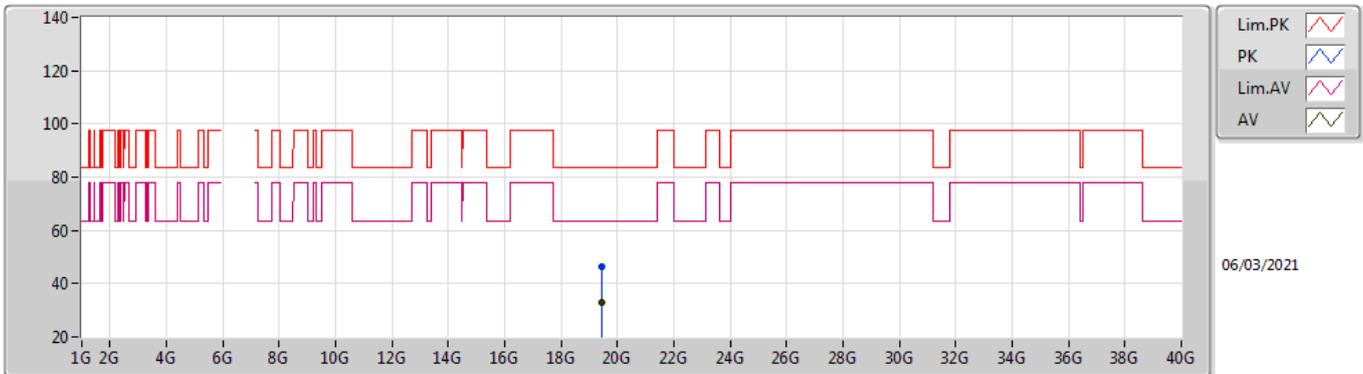


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	12.95036G	55.95	88.20	-32.25	41.57	3	Horizontal	39	1.85	-	39.45	9.02	34.09
RMS	12.95338G	43.92	68.20	-24.28	29.54	3	Horizontal	39	1.85	-	39.45	9.02	34.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6475MHz\_TX

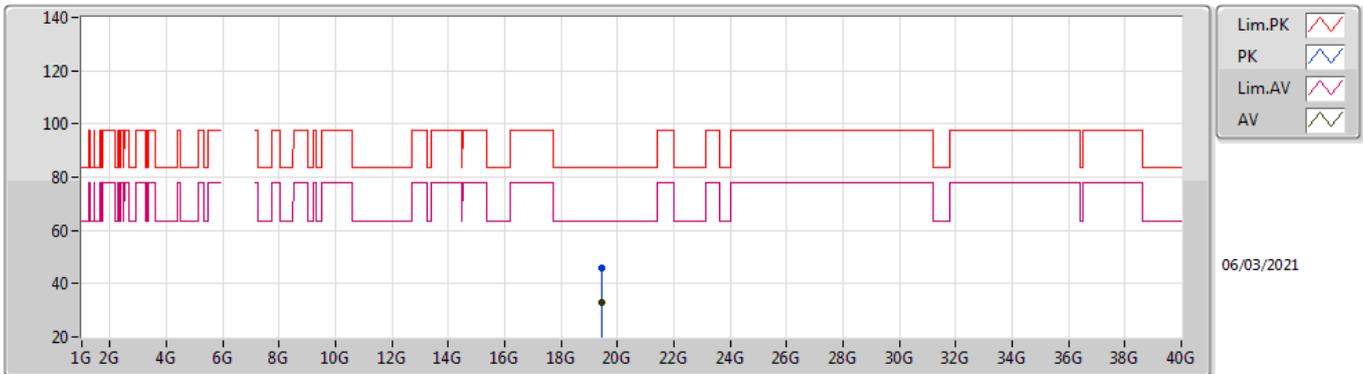


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	19.42734G	46.40	83.54	-37.14	44.28	1	Vertical	296	1.39	-	37.89	14.34	50.11
AV	19.42532G	32.79	63.54	-30.75	30.67	1	Vertical	296	1.39	-	37.89	14.34	50.11

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6475MHz\_TX

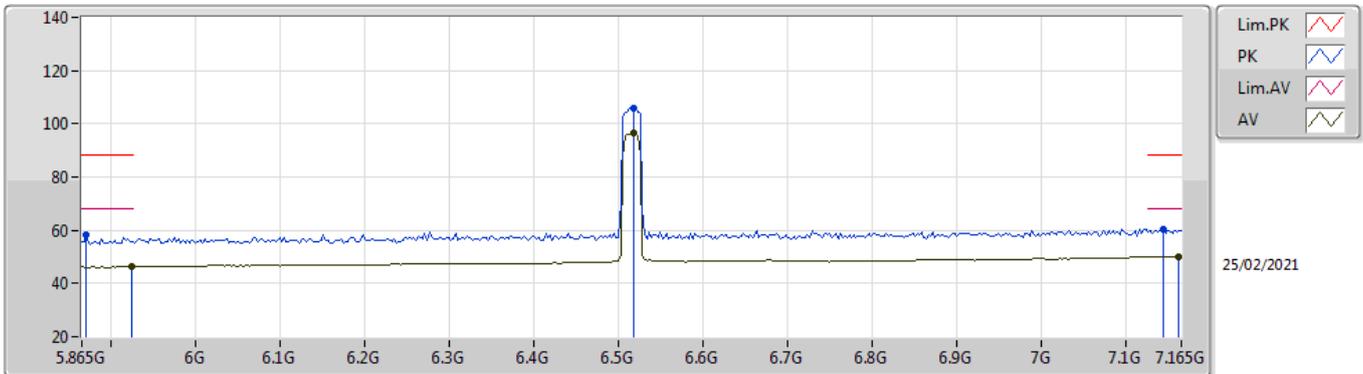


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	19.42524G	45.83	83.54	-37.71	43.71	1	Horizontal	259	2.38	-	37.89	14.34	50.11
AV	19.423G	32.70	63.54	-30.84	30.59	1	Horizontal	259	2.38	-	37.89	14.34	50.12

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6515MHz\_TX

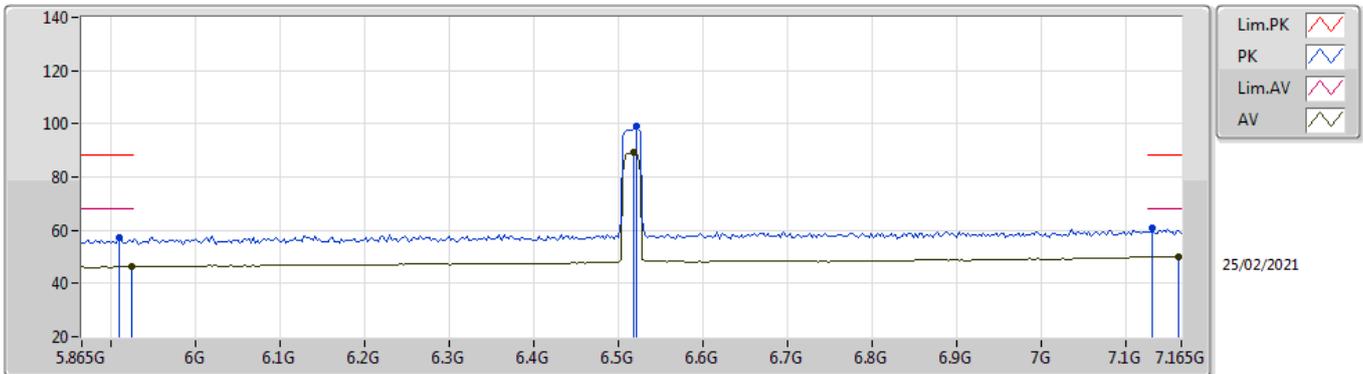


EUT Y\_4TX  
Setting 30  
06-F-S-5-10

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	5.8702G	58.26	88.20	-29.94	52.34	3	Vertical	74	1.55	-	32.24	5.37	31.69
RMS	5.9248G	46.33	68.20	-21.87	40.28	3	Vertical	74	1.55	-	32.30	5.42	31.67
PK	6.5176G	105.93	Inf	-Inf	98.75	3	Vertical	74	1.55	-	33.97	5.60	32.39
RMS	6.5176G	96.34	Inf	-Inf	89.16	3	Vertical	74	1.55	-	33.97	5.60	32.39
PK	7.1442G	60.27	88.20	-27.93	51.42	3	Vertical	74	1.55	-	35.89	6.04	33.08
RMS	7.1624G	50.25	68.20	-17.95	41.31	3	Vertical	74	1.55	-	35.97	6.06	33.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6515MHz\_TX

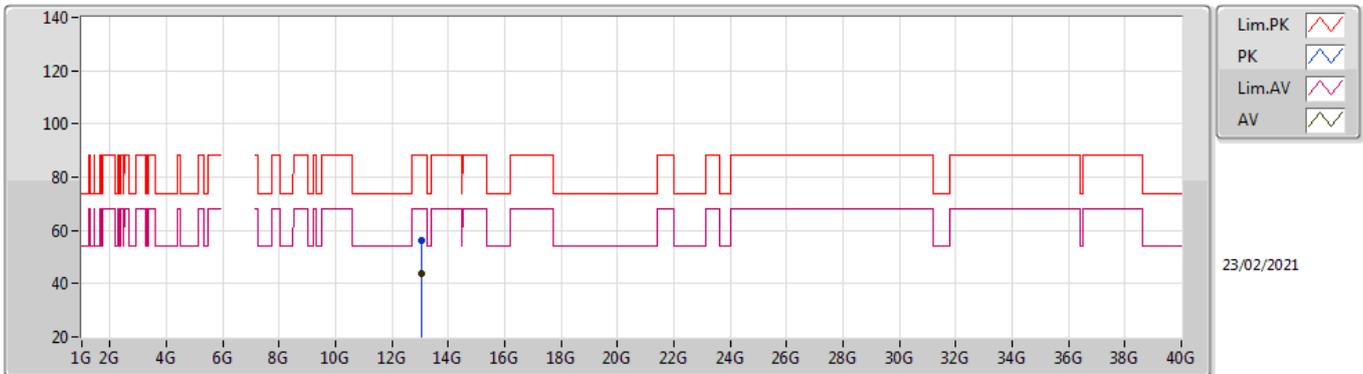


EUT\_Y\_4TX  
Setting 30  
06-F-S-5-10

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	5.9092G	57.34	88.20	-30.86	51.30	3	Horizontal	218	1.72	-	32.30	5.41	31.67
RMS	5.9248G	46.31	68.20	-21.89	40.26	3	Horizontal	218	1.72	-	32.30	5.42	31.67
PK	6.5202G	99.28	Inf	-Inf	92.10	3	Horizontal	218	1.72	-	33.98	5.60	32.40
RMS	6.5176G	89.50	Inf	-Inf	82.32	3	Horizontal	218	1.72	-	33.97	5.60	32.39
PK	7.1312G	60.71	88.20	-27.49	51.89	3	Horizontal	218	1.72	-	35.86	6.03	33.07
RMS	7.1624G	50.16	68.20	-18.04	41.22	3	Horizontal	218	1.72	-	35.97	6.06	33.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6515MHz\_TX

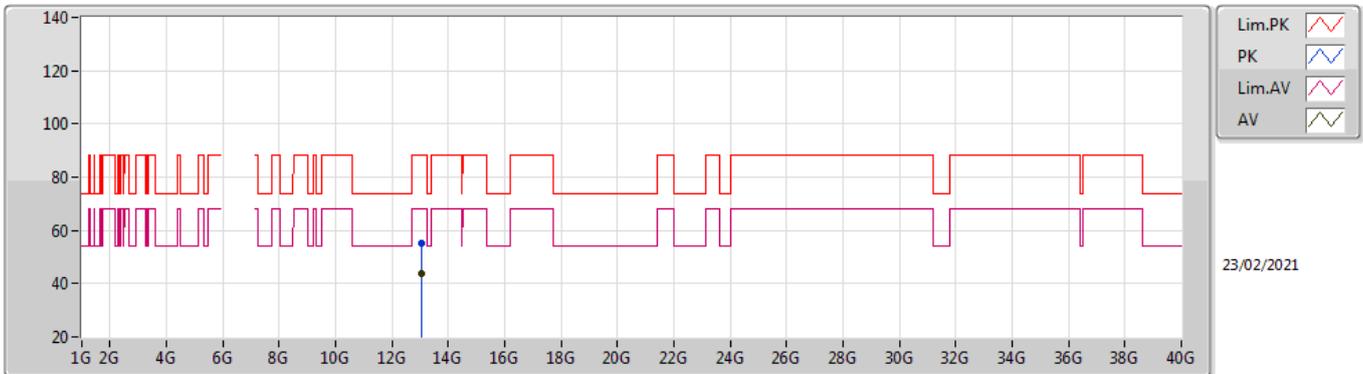


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	13.0293G	56.40	88.20	-31.80	41.94	3	Vertical	186	1.64	-	39.47	9.07	34.08
RMS	13.03036G	43.76	68.20	-24.44	29.30	3	Vertical	186	1.64	-	39.47	9.07	34.08

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6515MHz\_TX

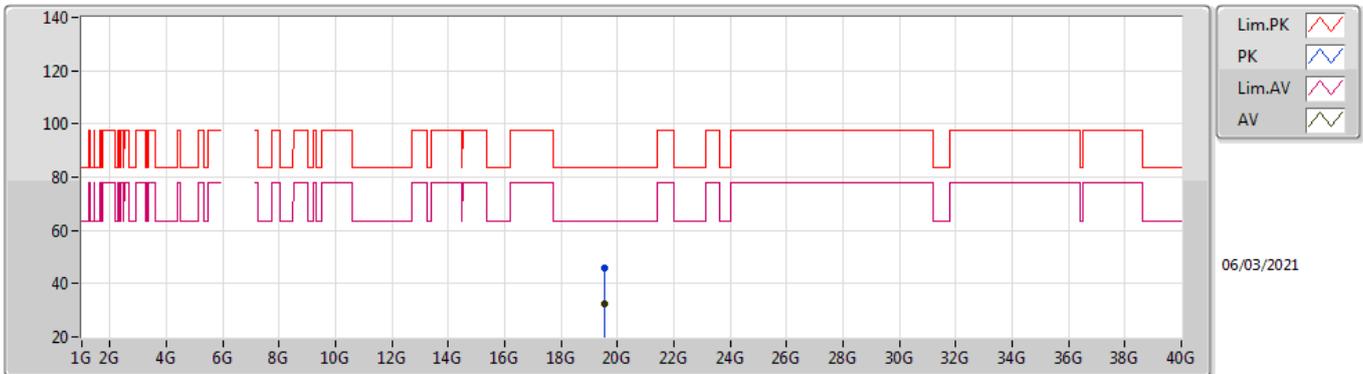


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	13.02962G	55.18	88.20	-33.02	40.72	3	Horizontal	45	1.51	-	39.47	9.07	34.08
RMS	13.03178G	43.77	68.20	-24.43	29.31	3	Horizontal	45	1.51	-	39.47	9.07	34.08

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6515MHz\_TX

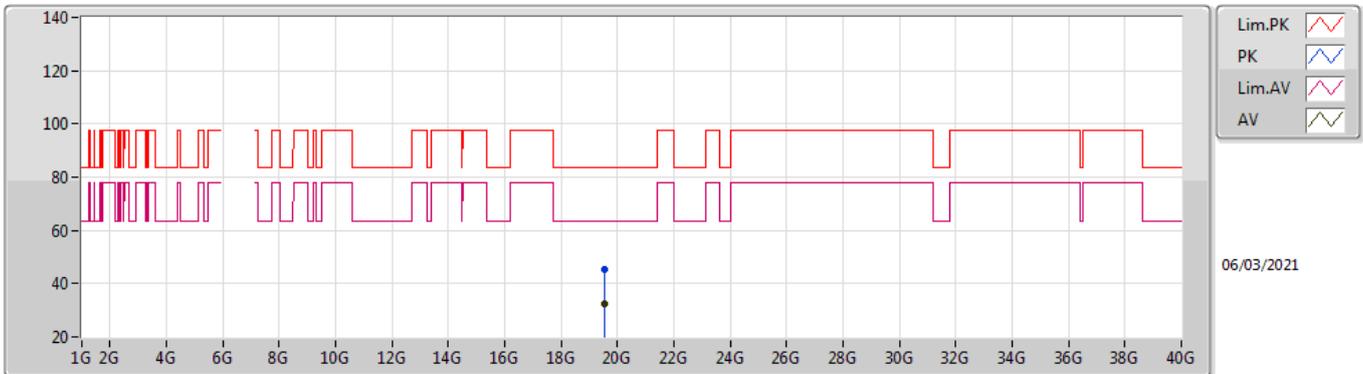


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	19.5471G	45.89	83.54	-37.65	43.86	1	Vertical	29	2.01	-	37.76	14.35	50.08
AV	19.543G	32.32	63.54	-31.22	30.28	1	Vertical	29	2.01	-	37.77	14.35	50.08

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6515MHz\_TX

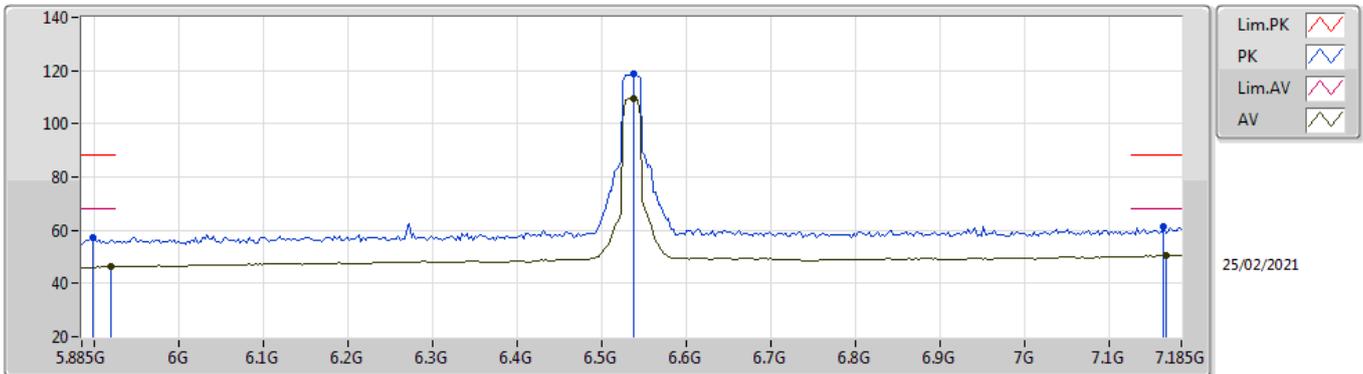


EUT Y\_4TX  
Setting 30  
06-F-S-5

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	19.5476G	45.26	83.54	-38.28	43.23	1	Horizontal	301	1.15	-	37.76	14.35	50.08
AV	19.54816G	32.49	63.54	-31.05	30.46	1	Horizontal	301	1.15	-	37.76	14.35	50.08

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6535MHz\_TX

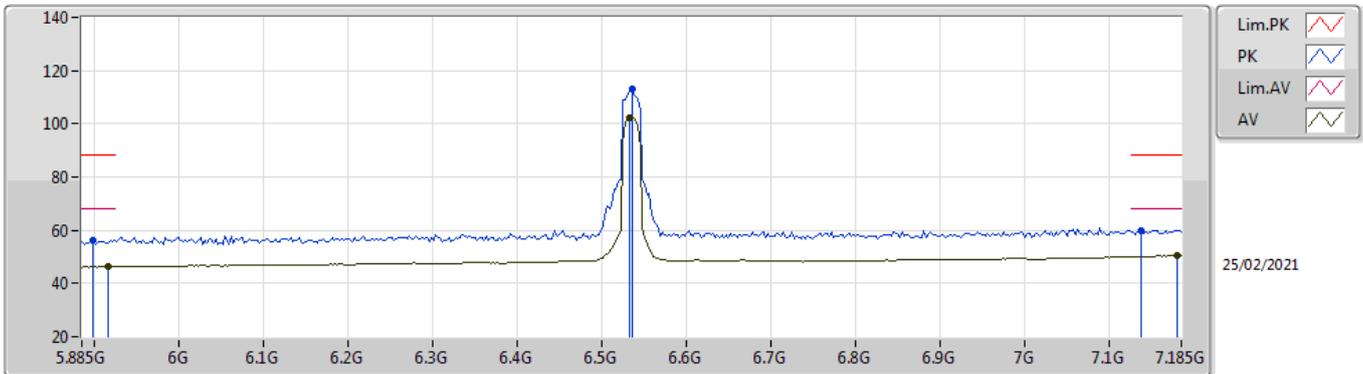


EUT Y\_4TX  
Setting 29  
06-F-S-5-10

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	5.898G	57.05	88.20	-31.15	51.03	3	Vertical	301	1.80	-	32.30	5.40	31.68
RMS	5.9188G	46.29	68.20	-21.91	40.24	3	Vertical	301	1.80	-	32.30	5.42	31.67
PK	6.5376G	118.67	Inf	-Inf	111.44	3	Vertical	301	1.80	-	34.05	5.60	32.42
RMS	6.5376G	109.43	Inf	-Inf	102.20	3	Vertical	301	1.80	-	34.05	5.60	32.42
PK	7.1642G	61.17	88.20	-27.03	52.21	3	Vertical	301	1.80	-	35.99	6.06	33.09
RMS	7.1668G	50.39	68.20	-17.81	41.41	3	Vertical	301	1.80	-	36.00	6.07	33.09

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6535MHz\_TX

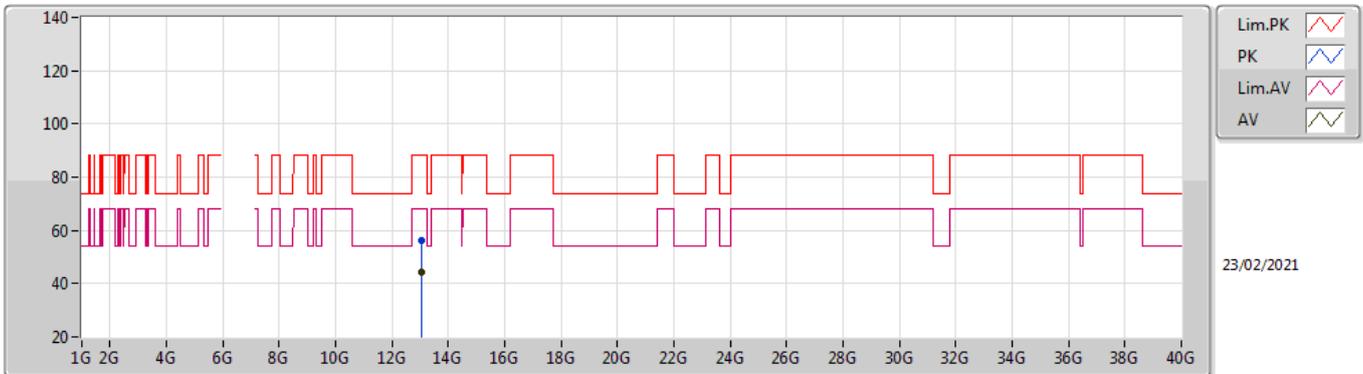


EUT Y\_4TX  
Setting 29  
06-F-S-5-10

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	5.898G	56.04	88.20	-32.16	50.02	3	Horizontal	150	1.80	-	32.30	5.40	31.68
RMS	5.9162G	46.33	68.20	-21.87	40.28	3	Horizontal	150	1.80	-	32.30	5.42	31.67
PK	6.535G	113.12	Inf	-Inf	105.89	3	Horizontal	150	1.80	-	34.04	5.60	32.41
RMS	6.5324G	102.35	Inf	-Inf	95.13	3	Horizontal	150	1.80	-	34.03	5.60	32.41
PK	7.1382G	59.89	88.20	-28.31	51.05	3	Horizontal	150	1.80	-	35.88	6.04	33.08
RMS	7.1798G	50.34	68.20	-17.86	41.28	3	Horizontal	150	1.80	-	36.08	6.08	33.10

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6535MHz\_TX

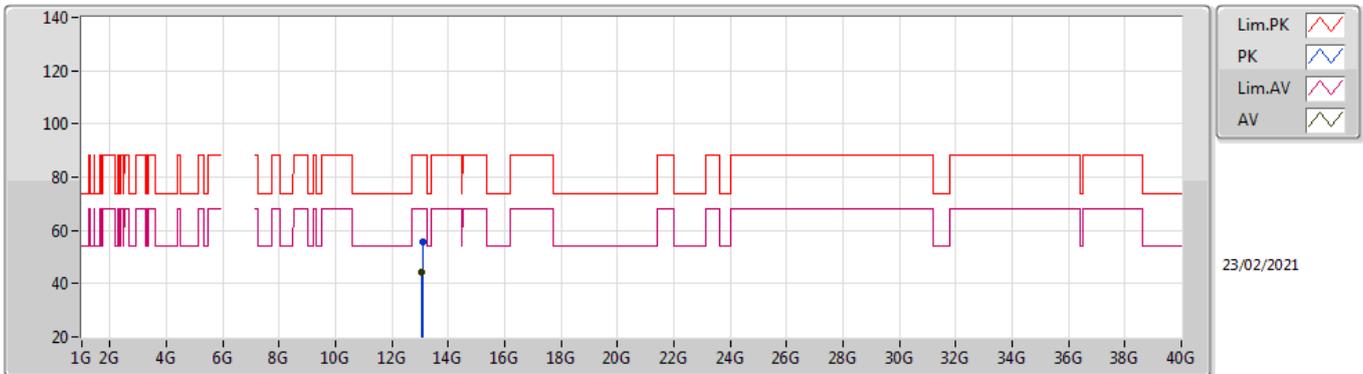


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	13.07374G	56.16	88.20	-32.04	41.69	3	Vertical	164	1.59	-	39.43	9.09	34.05
RMS	13.06888G	44.12	68.20	-24.08	29.65	3	Vertical	164	1.59	-	39.43	9.09	34.05

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6535MHz\_TX

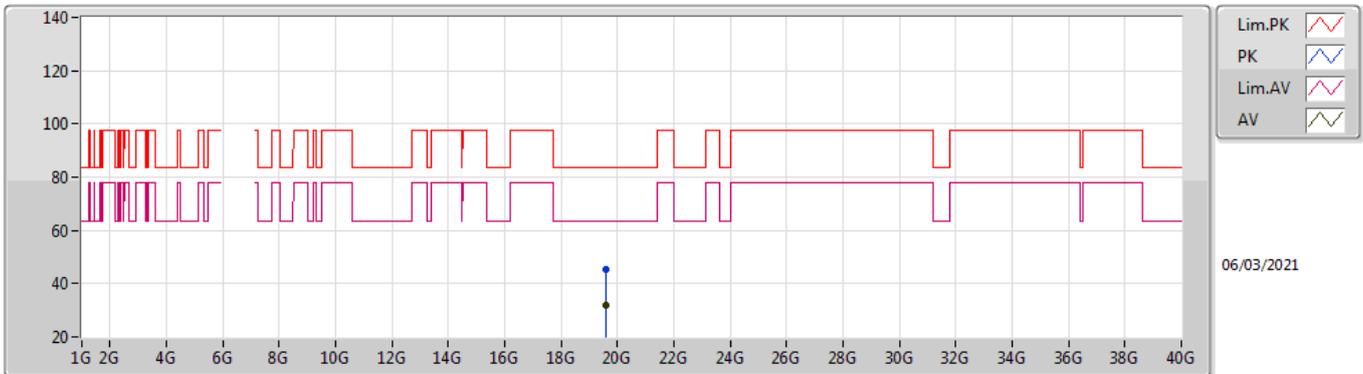


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	13.07422G	55.45	88.20	-32.75	40.97	3	Horizontal	23	2.57	-	39.43	9.09	34.04
RMS	13.06946G	44.13	68.20	-24.07	29.66	3	Horizontal	23	2.57	-	39.43	9.09	34.05

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6535MHz\_TX

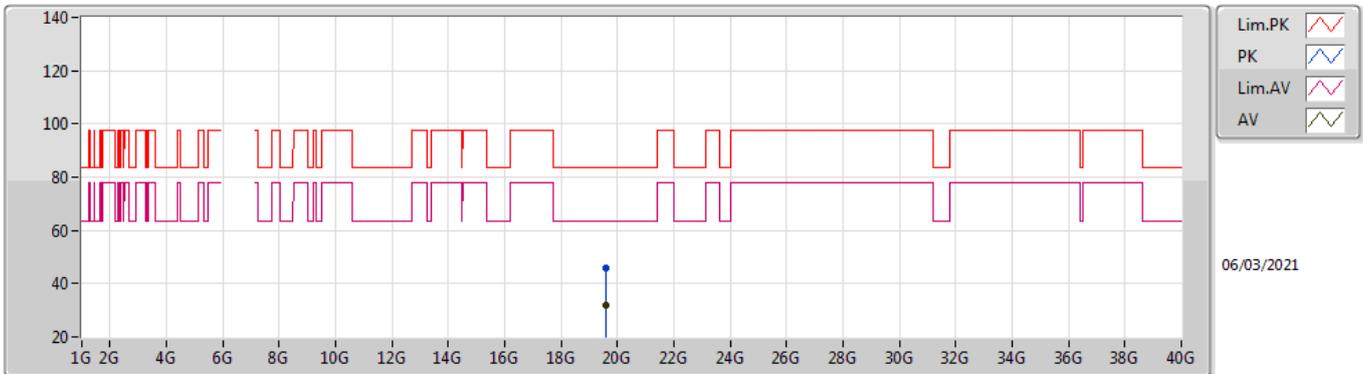


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	19.60224G	45.17	83.54	-38.37	43.15	1	Vertical	32	1.33	-	37.72	14.36	50.06
AV	19.60274G	31.86	63.54	-31.68	29.84	1	Vertical	32	1.33	-	37.72	14.36	50.06

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6535MHz\_TX

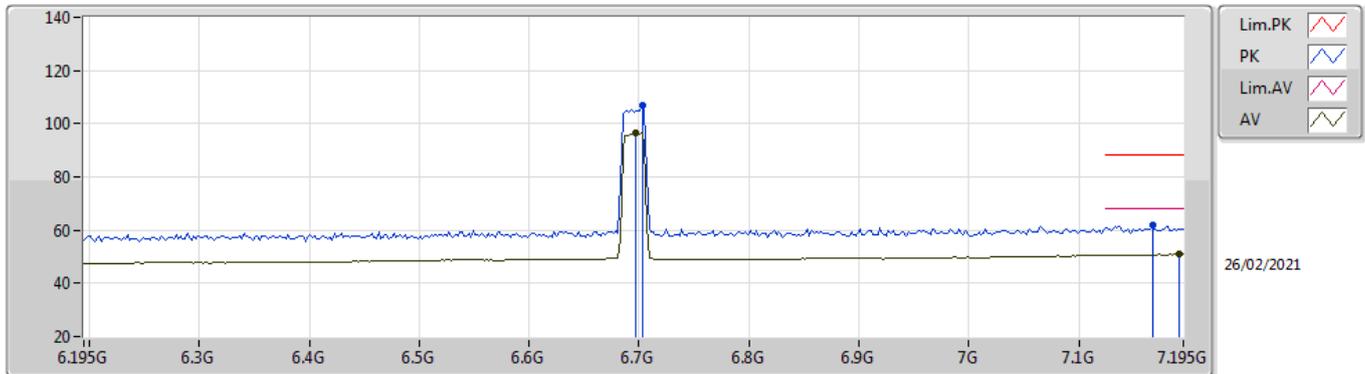


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	19.6052G	45.70	83.54	-37.84	43.68	1	Horizontal	117	1.99	-	37.72	14.36	50.06
AV	19.60588G	31.96	63.54	-31.58	29.94	1	Horizontal	117	1.99	-	37.72	14.36	50.06

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6695MHz\_TX

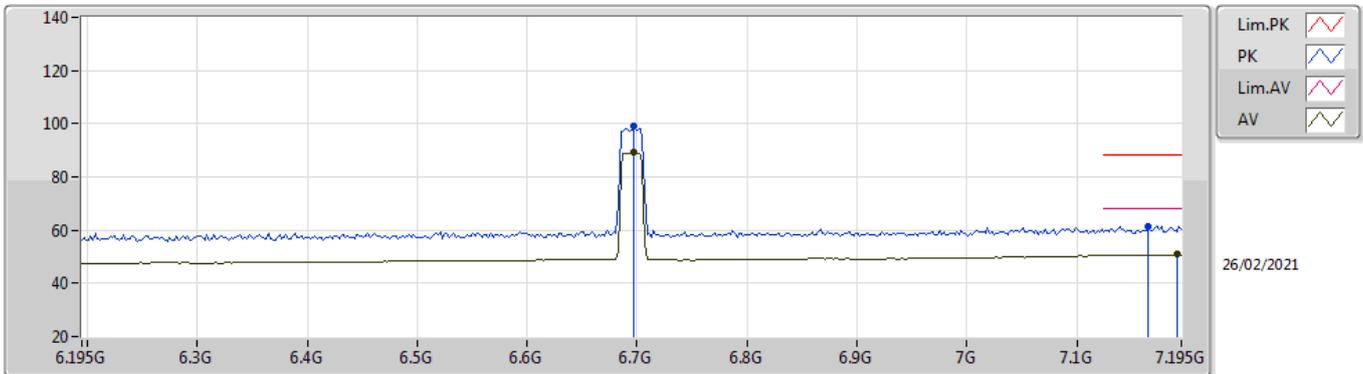


EUT Y\_4TX  
Setting 27  
06-F-S-5-10

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	6.703G	106.79	Inf	-Inf	99.62	3	Vertical	298	1.80	-	34.10	5.70	32.63
RMS	6.697G	96.39	Inf	-Inf	89.21	3	Vertical	298	1.80	-	34.10	5.70	32.62
PK	7.167G	62.15	88.20	-26.05	53.17	3	Vertical	298	1.80	-	36.00	6.07	33.09
RMS	7.191G	50.87	68.20	-17.33	41.73	3	Vertical	298	1.80	-	36.15	6.09	33.10

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6695MHz\_TX

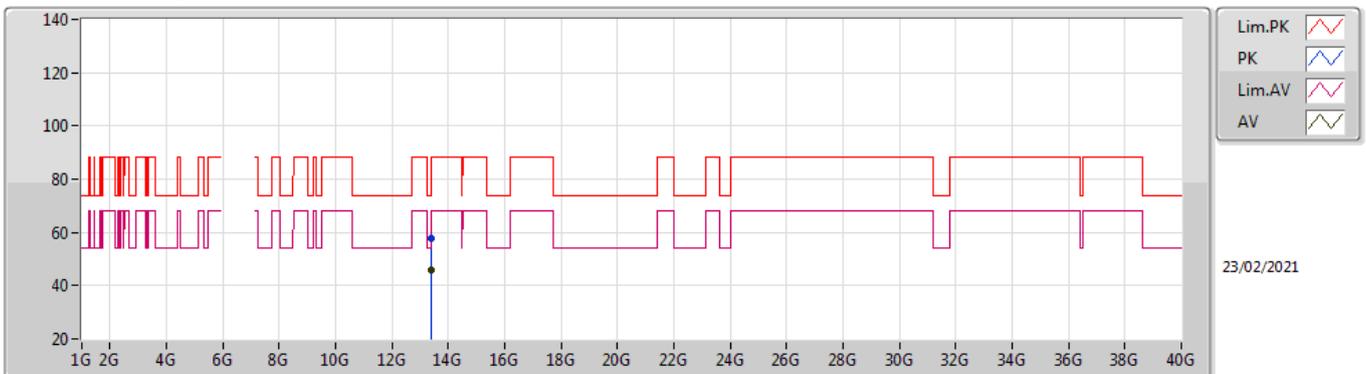


EUT Y\_4TX  
Setting 27  
06-F-S-5-10

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	6.697G	99.05	Inf	-Inf	91.87	3	Horizontal	16	2.60	-	34.10	5.70	32.62
RMS	6.697G	89.11	Inf	-Inf	81.93	3	Horizontal	16	2.60	-	34.10	5.70	32.62
PK	7.165G	61.46	88.20	-26.74	52.49	3	Horizontal	16	2.60	-	35.99	6.07	33.09
RMS	7.191G	50.82	68.20	-17.38	41.68	3	Horizontal	16	2.60	-	36.15	6.09	33.10

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6695MHz\_TX

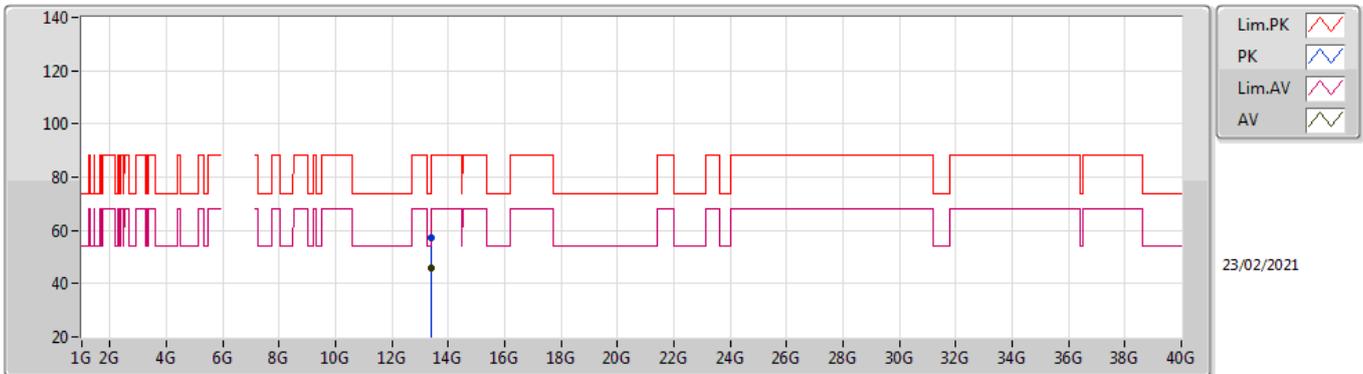


EUT Y\_4TX  
Setting 27  
06-F-S-5

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	13.39376G	57.98	74.00	-16.02	42.21	3	Vertical	191	2.41	-	40.26	9.27	33.76
AV	13.39256G	46.07	54.00	-7.93	30.30	3	Vertical	191	2.41	-	40.26	9.27	33.76

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6695MHz\_TX

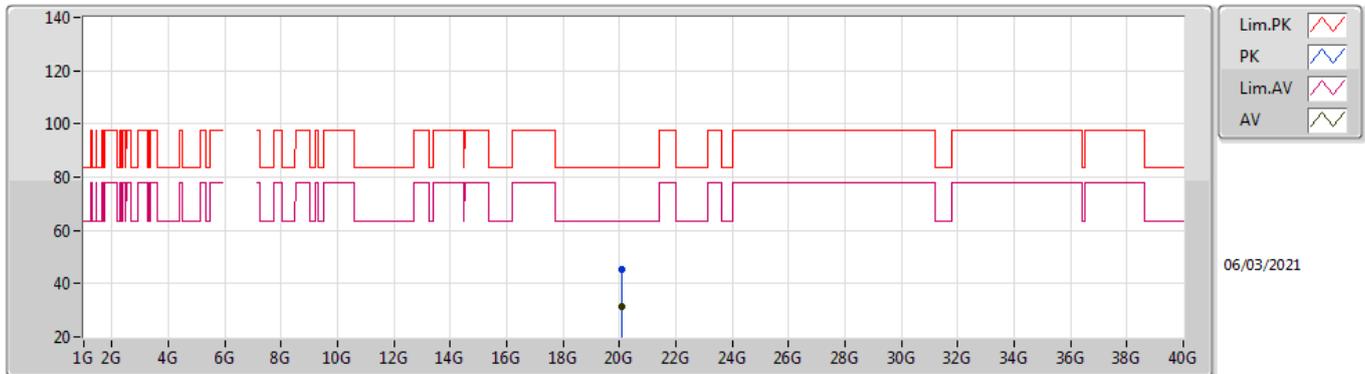


EUT Y\_4TX  
Setting 27  
06-F-S-5

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	13.38872G	57.50	74.00	-16.50	41.78	3	Horizontal	320	2.63	-	40.23	9.26	33.77
AV	13.39254G	45.85	54.00	-8.15	30.08	3	Horizontal	320	2.63	-	40.26	9.27	33.76

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6695MHz\_TX

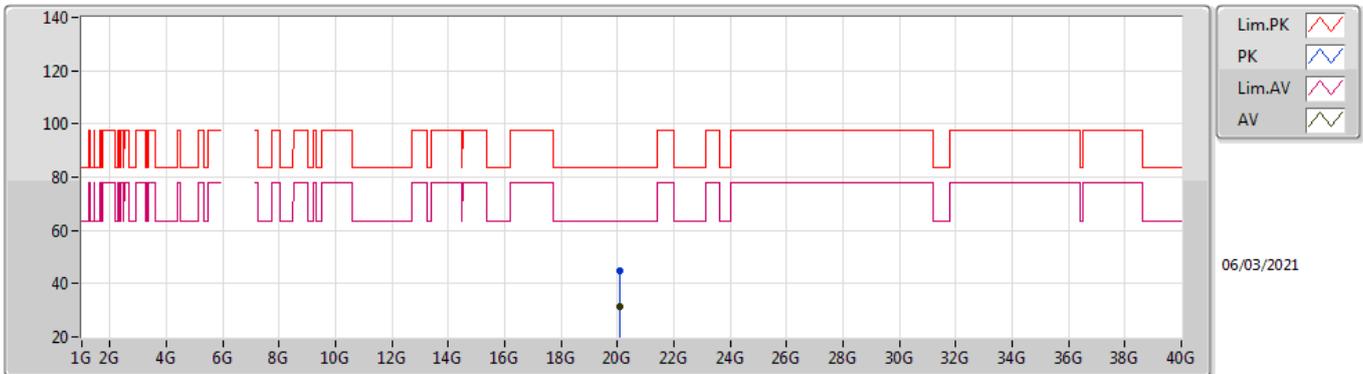


EUT Y\_4TX  
Setting 27  
06-F-S-5

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	20.08116G	45.10	83.54	-38.44	43.13	1	Vertical	276	2.22	-	37.45	14.44	49.92
AV	20.083G	31.45	63.54	-32.09	29.48	1	Vertical	276	2.22	-	37.45	14.44	49.92

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6695MHz\_TX

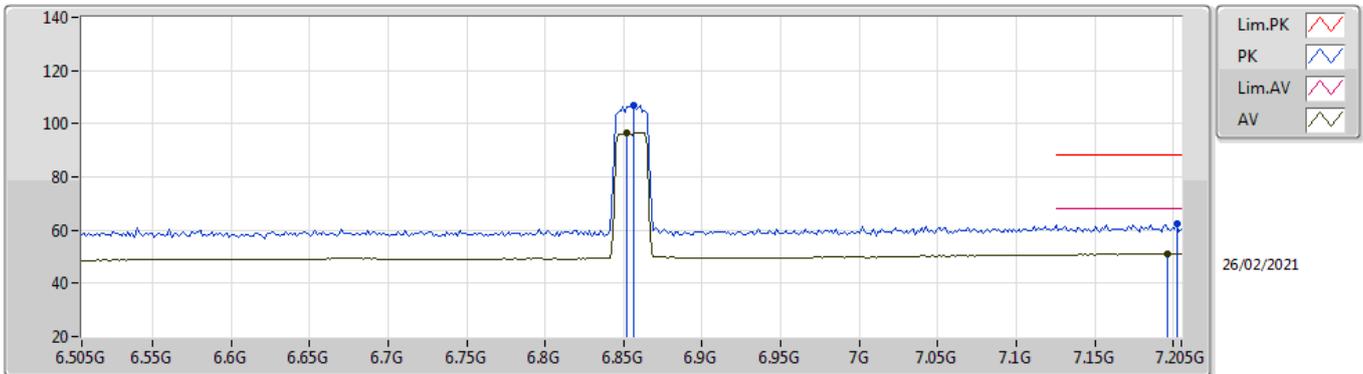


EUT Y\_4TX  
Setting 27  
06-F-S-5

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	20.08338G	44.59	83.54	-38.95	42.62	1	Horizontal	71	2.69	-	37.45	14.44	49.92
AV	20.08312G	31.42	63.54	-32.12	29.45	1	Horizontal	71	2.69	-	37.45	14.44	49.92

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6855MHz\_TX

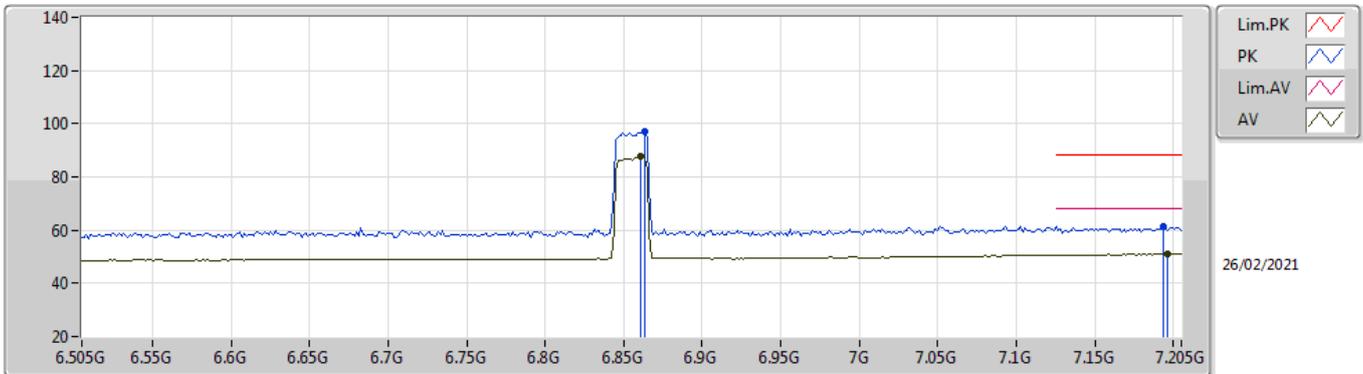


EUT Y\_4TX  
Setting 29  
06-F-S-5-10

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	6.8564G	107.04	Inf	-Inf	99.41	3	Vertical	299	1.80	-	34.63	5.83	32.83
RMS	6.8522G	96.59	Inf	-Inf	88.97	3	Vertical	299	1.80	-	34.61	5.83	32.82
PK	7.2022G	62.56	88.20	-25.64	53.37	3	Vertical	299	1.80	-	36.20	6.10	33.11
RMS	7.1966G	51.04	68.20	-17.16	41.86	3	Vertical	299	1.80	-	36.18	6.10	33.10

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6855MHz\_TX

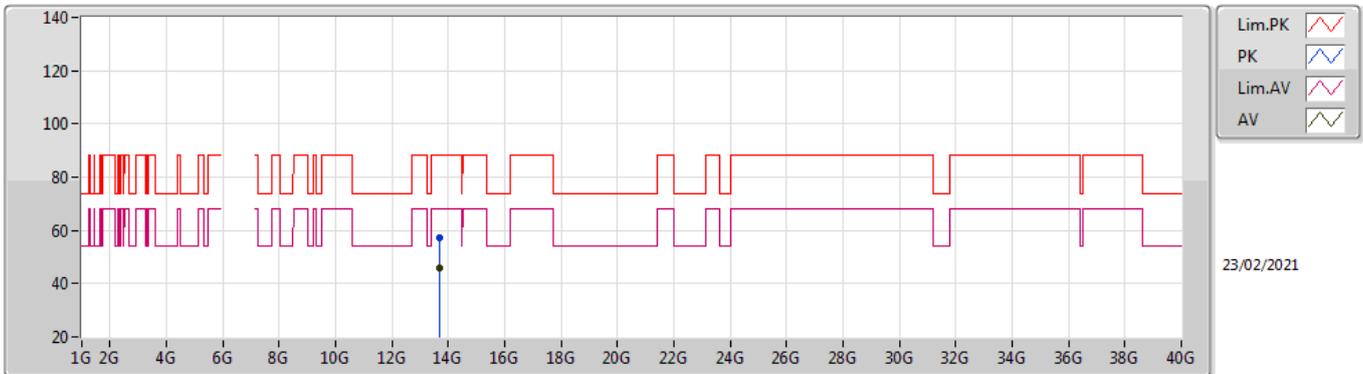


EUT Y\_4TX  
Setting 29  
06-F-S-5-10

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	6.8634G	96.99	Inf	-Inf	89.35	3	Horizontal	217	1.62	-	34.65	5.83	32.84
RMS	6.8606G	87.52	Inf	-Inf	79.88	3	Horizontal	217	1.62	-	34.64	5.83	32.83
PK	7.1938G	61.41	88.20	-26.79	52.26	3	Horizontal	217	1.62	-	36.16	6.09	33.10
RMS	7.1966G	50.95	68.20	-17.25	41.77	3	Horizontal	217	1.62	-	36.18	6.10	33.10

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 6855MHz\_TX

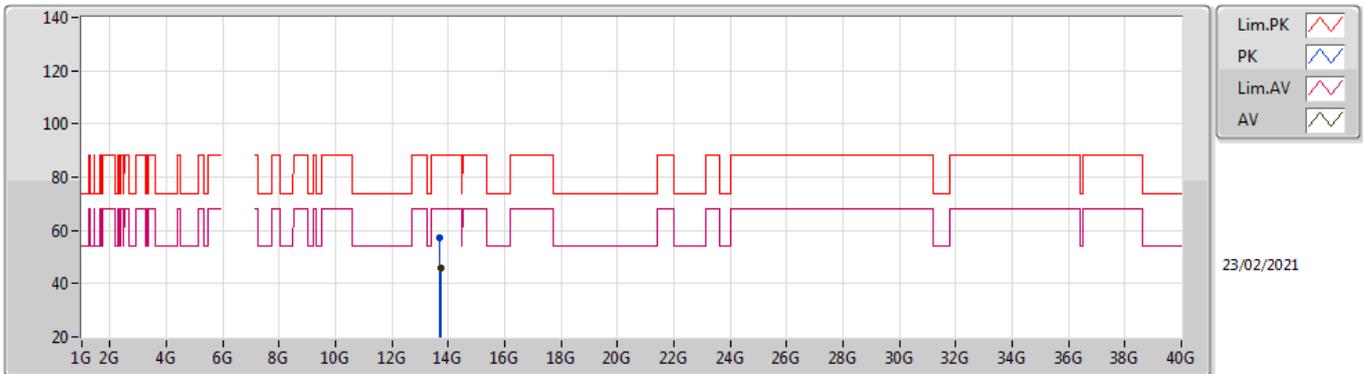


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	13.70882G	57.31	88.20	-30.89	41.43	3	Vertical	54	2.80	-	40.30	9.44	33.86
RMS	13.71026G	45.63	68.20	-22.57	29.75	3	Vertical	54	2.80	-	40.30	9.44	33.86

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

#### 6855MHz\_TX

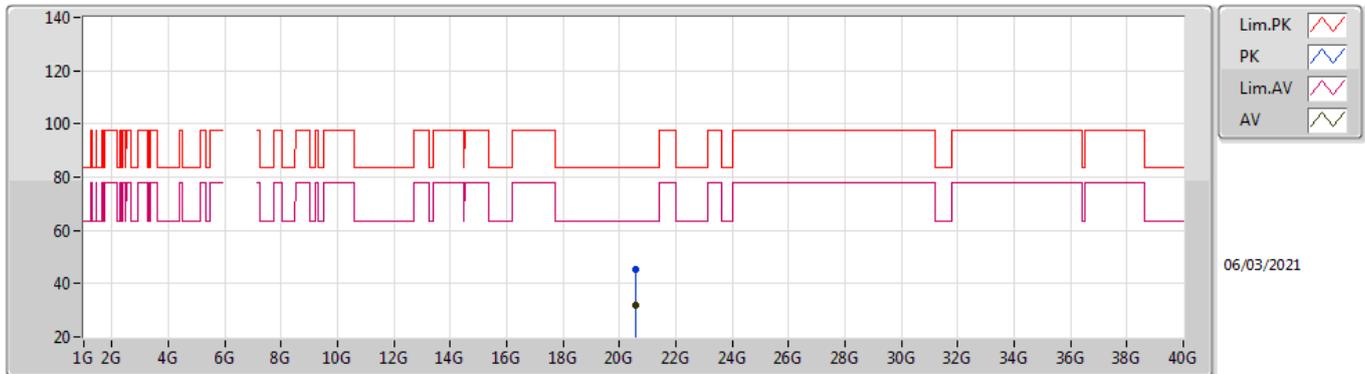


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	13.70714G	57.21	88.20	-30.99	41.33	3	Horizontal	323	1.84	-	40.30	9.44	33.86
RMS	13.71418G	45.66	68.20	-22.54	29.78	3	Horizontal	323	1.84	-	40.30	9.44	33.86

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6855MHz\_TX

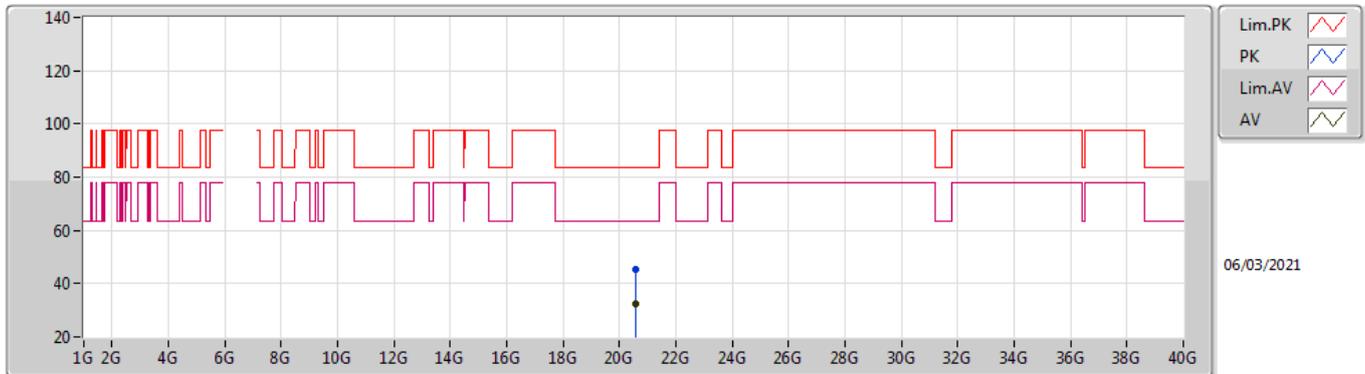


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	20.56434G	45.42	83.54	-38.12	43.00	1	Vertical	59	2.11	-	37.76	14.65	49.99
AV	20.56934G	31.96	63.54	-31.58	29.52	1	Vertical	59	2.11	-	37.77	14.66	49.99

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6855MHz\_TX

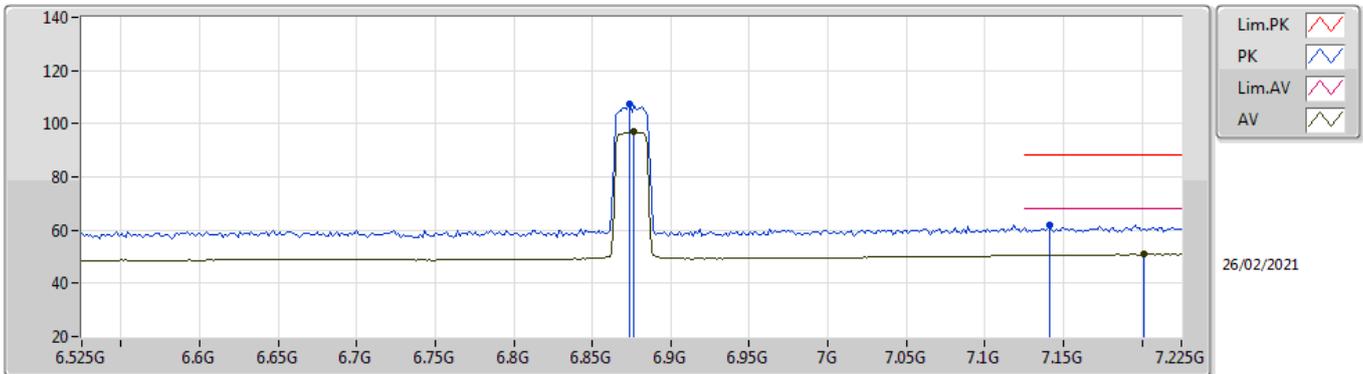


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	20.56454G	45.10	83.54	-38.44	42.68	1	Horizontal	216	2.43	-	37.76	14.65	49.99
AV	20.56942G	32.17	63.54	-31.37	29.73	1	Horizontal	216	2.43	-	37.77	14.66	49.99

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6875MHz Straddle 6.525-6.875GHz\_TX

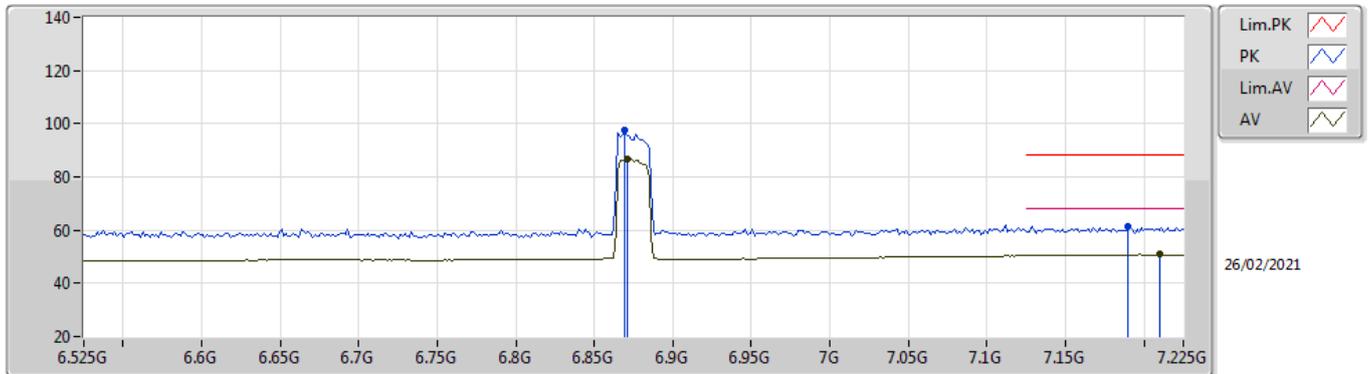


EUT Y\_4TX  
Setting 29  
06-F-S-5-10

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	6.8736G	107.56	Inf	-Inf	99.88	3	Vertical	75	1.68	-	34.69	5.84	32.85
RMS	6.8764G	96.97	Inf	-Inf	89.27	3	Vertical	75	1.68	-	34.71	5.84	32.85
PK	7.141G	62.10	88.20	-26.10	53.26	3	Vertical	75	1.68	-	35.88	6.04	33.08
RMS	7.2012G	50.85	68.20	-17.35	41.66	3	Vertical	75	1.68	-	36.20	6.10	33.11

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6875MHz Straddle 6.525-6.875GHz\_TX

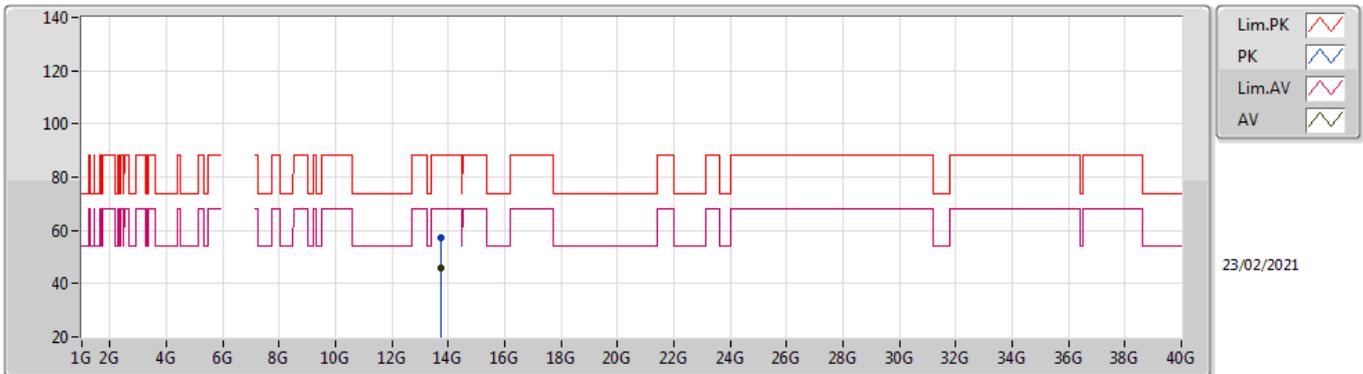


EUT Y\_4TX  
Setting 29  
06-F-S-5-10

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	6.8694G	97.36	Inf	-Inf	89.69	3	Horizontal	21	1.91	-	34.68	5.83	32.84
RMS	6.8708G	86.87	Inf	-Inf	79.19	3	Horizontal	21	1.91	-	34.68	5.84	32.84
PK	7.19G	61.45	88.20	-26.75	52.32	3	Horizontal	21	1.91	-	36.14	6.09	33.10
RMS	7.2096G	50.82	68.20	-17.38	41.61	3	Horizontal	21	1.91	-	36.22	6.10	33.11

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX**

**6875MHz Straddle 6.525-6.875GHz\_TX**

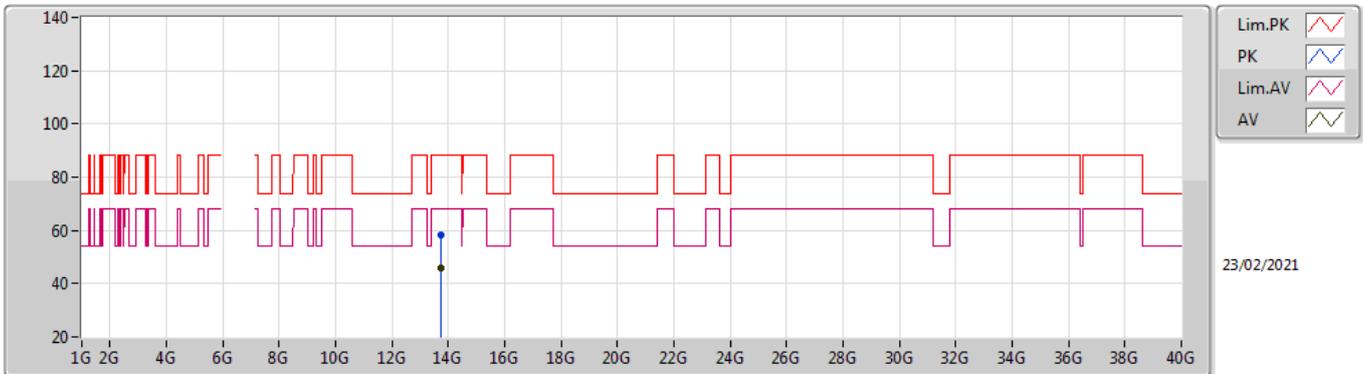


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	13.75392G	57.32	88.20	-30.88	41.46	3	Vertical	160	1.27	-	40.30	9.46	33.90
RMS	13.7503G	45.91	68.20	-22.29	30.05	3	Vertical	160	1.27	-	40.30	9.46	33.90

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6875MHz Straddle 6.525-6.875GHz\_TX

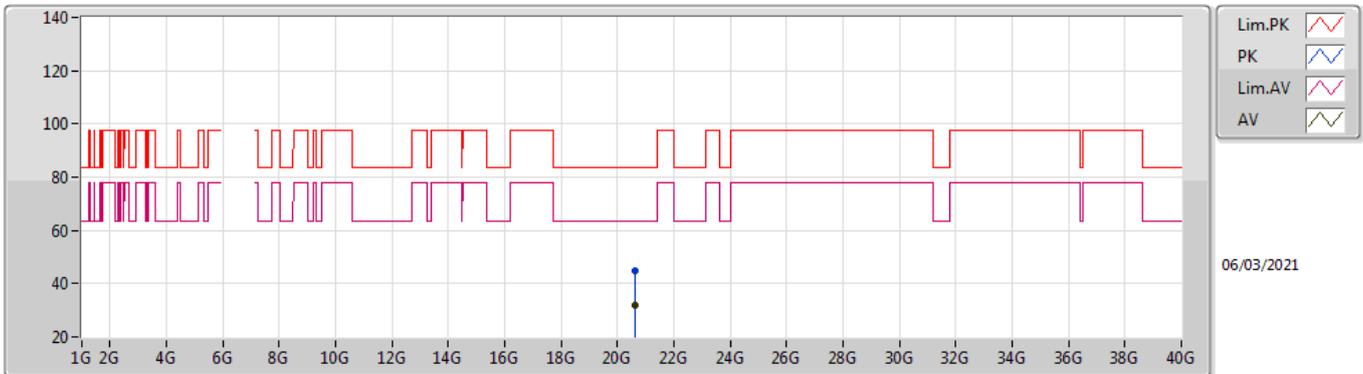


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	13.75018G	58.27	88.20	-29.93	42.41	3	Horizontal	241	1.20	-	40.30	9.46	33.90
RMS	13.74948G	45.97	68.20	-22.23	30.10	3	Horizontal	241	1.20	-	40.30	9.46	33.89

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX**

**6875MHz Straddle 6.525-6.875GHz\_TX**

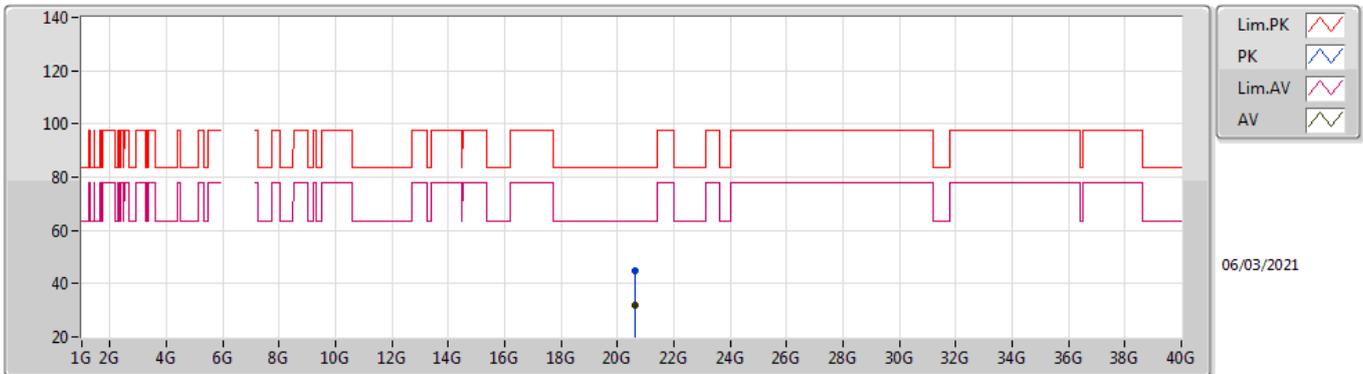


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	20.62296G	45.02	83.54	-38.52	42.50	1	Vertical	299	2.68	-	37.82	14.68	49.98
AV	20.62866G	31.90	63.54	-31.64	29.36	1	Vertical	299	2.68	-	37.83	14.68	49.97

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX**

**6875MHz Straddle 6.525-6.875GHz\_TX**

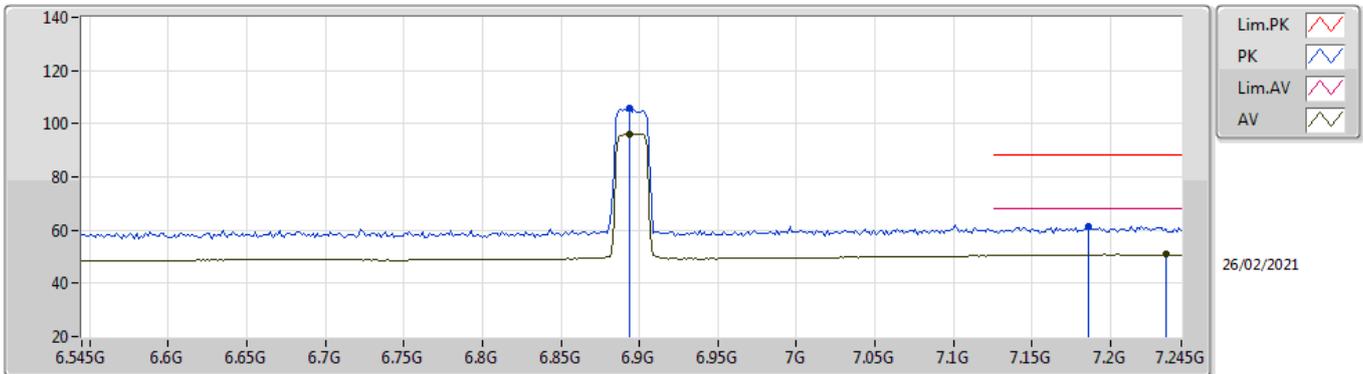


EUT Y\_4TX  
Setting 29  
06-F-S-5

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	20.6272G	44.90	83.54	-38.64	42.36	1	Horizontal	86	2.61	-	37.83	14.68	49.97
AV	20.62322G	31.67	63.54	-31.87	29.15	1	Horizontal	86	2.61	-	37.82	14.68	49.98

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6895MHz\_TX

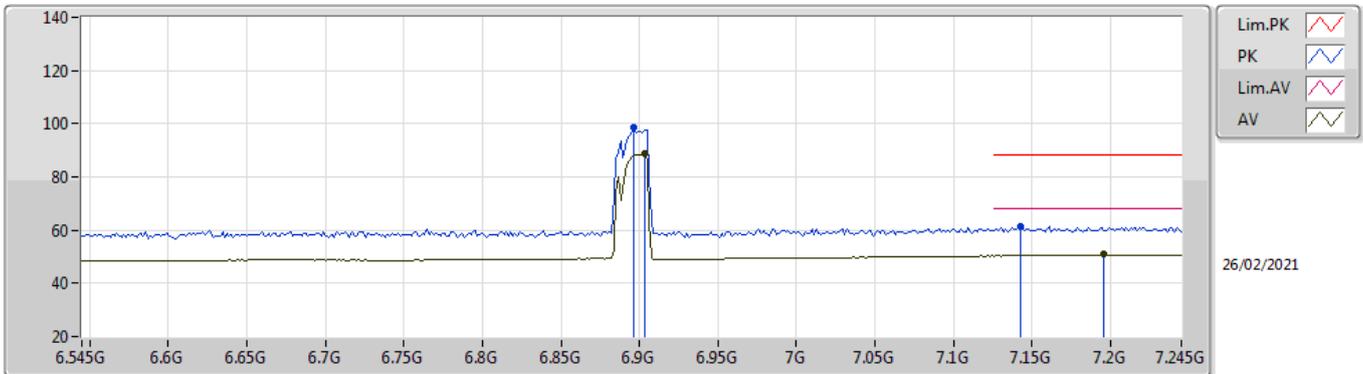


EUT Y\_4TX  
Setting 28  
06-F-S-5-10

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	6.8936G	105.79	Inf	-Inf	98.04	3	Vertical	145	1.61	-	34.77	5.85	32.87
RMS	6.8936G	95.98	Inf	-Inf	88.23	3	Vertical	145	1.61	-	34.77	5.85	32.87
PK	7.1862G	61.23	88.20	-26.97	52.12	3	Vertical	145	1.61	-	36.12	6.09	33.10
RMS	7.2352G	50.80	68.20	-17.40	41.55	3	Vertical	145	1.61	-	36.27	6.10	33.12

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6895MHz\_TX

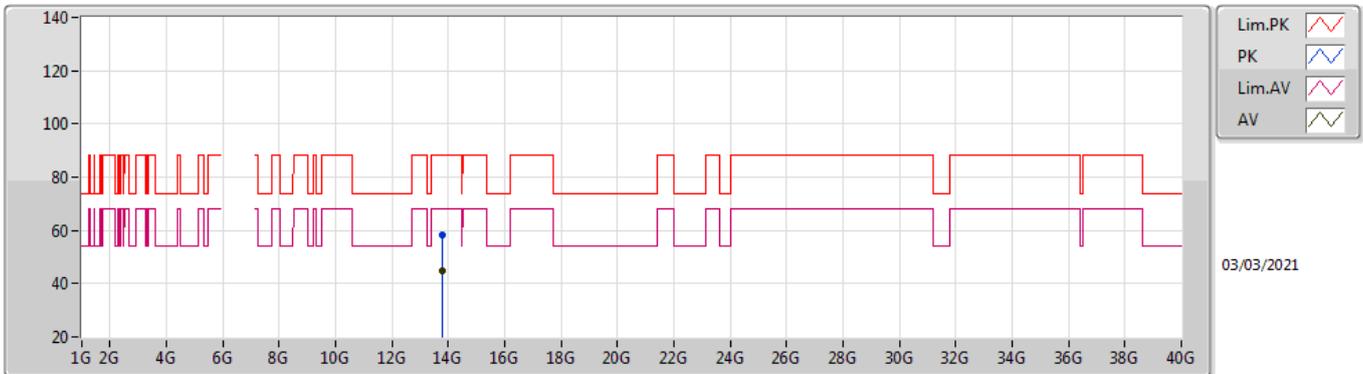


EUT Y\_4TX  
Setting 28  
06-F-S-5-10

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	6.8964G	98.45	Inf	-Inf	90.69	3	Horizontal	1	2.46	-	34.79	5.85	32.88
RMS	6.9034G	88.96	Inf	-Inf	81.19	3	Horizontal	1	2.46	-	34.81	5.85	32.89
PK	7.1428G	61.40	88.20	-26.80	52.55	3	Horizontal	1	2.46	-	35.89	6.04	33.08
RMS	7.196G	50.80	68.20	-17.40	41.62	3	Horizontal	1	2.46	-	36.18	6.10	33.10

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

### 6895MHz\_TX

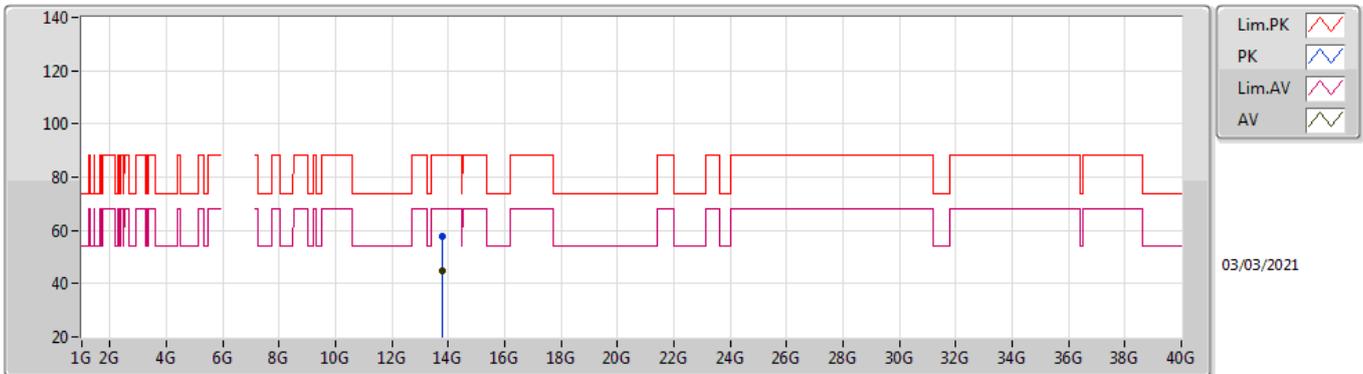


EUT Y\_4TX  
Setting 28  
06-E-C-5

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	13.78064G	58.17	88.20	-30.03	42.31	3	Vertical	0	1.52	-	40.30	9.48	33.92
RMS	13.78538G	44.71	68.20	-23.49	28.86	3	Vertical	0	1.52	-	40.30	9.48	33.93

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6895MHz\_TX

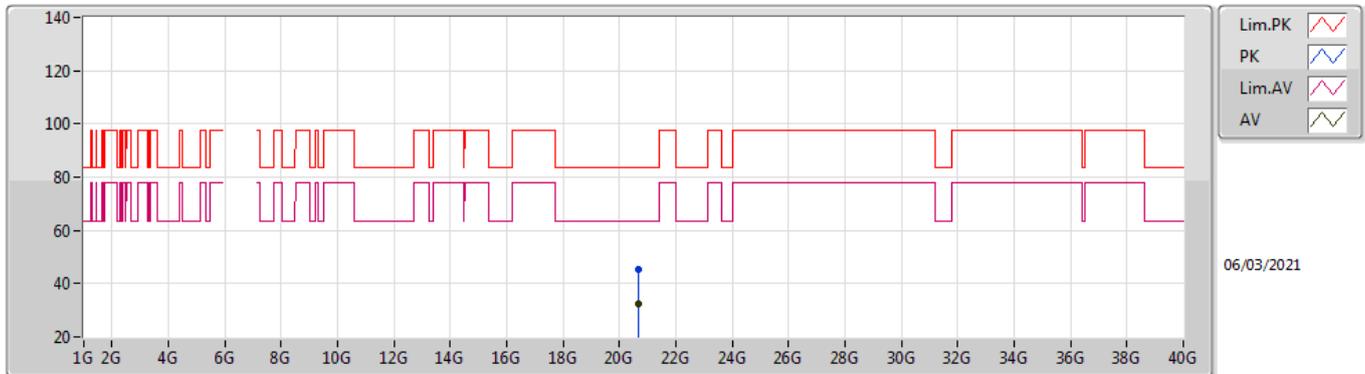


EUT Y\_4TX  
Setting 28  
06-E-C-5

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	13.79378G	57.94	88.20	-30.26	42.08	3	Horizontal	74	1.73	-	40.30	9.49	33.93
RMS	13.78994G	44.71	68.20	-23.49	28.86	3	Horizontal	74	1.73	-	40.30	9.48	33.93

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

6895MHz\_TX



EUT Y\_4TX  
Setting 28  
06-E-S-5

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	20.6898G	45.16	83.54	-38.38	42.52	1	Vertical	133	1.57	-	37.89	14.71	49.96
AV	20.68636G	32.19	63.54	-31.35	29.55	1	Vertical	133	1.57	-	37.89	14.71	49.96