

FCC RADIO TEST REPORT

FCC ID : 2AHBN-AP24
Equipment : 802.11ax 6E 2+2+2 Wireless Access Point
Brand Name : Juniper
Model Name : AP24
Applicant : Juniper Networks, Inc.
1133 Innovation Way, Sunnyvale, CA 94089, USA
Manufacturer : Juniper Networks, Inc.
1133 Innovation Way, Sunnyvale, CA 94089, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 25, 2022, and testing was started from Jan. 04, 2023 and completed on Feb. 05, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.8
FCC ID: 2AHBN-AP24

Page Number : 3 of 33
Issued Date : May 13, 2026
Report Version : 01



Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 6425	ax (HEW20)	5955 ~ 6415	1 ~ 93 [24]
6525 ~ 6875		6535 ~ 6855	117 ~ 181 [17]
5925 ~ 6425	ax (HEW40)	5965 ~ 6405	3 ~ 91 [12]
6525 ~ 6875		6565 ~ 6845	123 ~ 179 [8]
5925 ~ 6425	ax (HEW80)	5985 ~ 6385	7 ~ 87 [6]
6525 ~ 6875		6625 ~ 6785	135 ~ 167 [3]
5925 ~ 6425	ax (HEW160)	6025 ~ 6345	15 ~ 79 [3]
6525 ~ 6875		6665	143 [1]

Non-Beamforming_Radio 1

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

Non-Beamforming_Radio 2

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11ax HEW20	20	1TX
6.525-6.875GHz	802.11ax HEW20	20	1TX
5.925-6.425GHz	802.11ax HEW40	40	1TX
6.525-6.875GHz	802.11ax HEW40	40	1TX
5.925-6.425GHz	802.11ax HEW80	80	1TX
6.525-6.875GHz	802.11ax HEW80	80	1TX
5.925-6.425GHz	802.11ax HEW160	160	1TX
6.525-6.875GHz	802.11ax HEW160	160	1TX

**Beamforming_Radio 1**

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11ax HEW20-BF	20	2TX
6.525-6.875GHz	802.11ax HEW20-BF	20	2TX
5.925-6.425GHz	802.11ax HEW40-BF	40	2TX
6.525-6.875GHz	802.11ax HEW40-BF	40	2TX
5.925-6.425GHz	802.11ax HEW80-BF	80	2TX
6.525-6.875GHz	802.11ax HEW80-BF	80	2TX
5.925-6.425GHz	802.11ax HEW160-BF	160	2TX
6.525-6.875GHz	802.11ax HEW160-BF	160	2TX

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.	Brand	Model Name	Antenna Type	Connector	Remark
1	Juniper	X51209900486_1	PIFA	I-PEX	Radio 1_2.4G+Radio 1_6G
2	Juniper	X51209900486_2	PIFA	I-PEX	Radio 0_5G+ Radio 4_BT/Thread/Zigbee
3	Juniper	X51209900486_3	PIFA	I-PEX	Radio 1_2.4G+Radio 0_5G
4	Juniper	X51209900486_4	PIFA	I-PEX	Radio 2_2.4G+Radio 1_6G
5	Juniper	X51209900486_5	PIFA	I-PEX	Radio 2_2.4G+ Radio 2_5G+Radio 2_6G

Ant.	Gain (dBi)			
	2.4G	5G	6G	BT/Thread/Zigbee
1	3.04	-	5.11	-
2	-	3.66	-	2.21
3	2.14	3	-	-
4	2.5	-	4.55	-
5	2.1	3.34	3.16	-



Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
DG [1SS] Ant.1 & Ant.3	3.46	-	-	-	-	-	-	-	-
DG [1SS] Ant.4 & Ant.5	3.71	-	-	-	-	-	-	-	-
DG [1SS] Ant.2 & Ant.3	-	4.12	3.86	4.67	5.22	-	-	-	-
DG [1SS] Ant.1 & Ant.4	-	-	-	-	-	4.39	3.31	4.45	5.16

Note 1: The EUT has five antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) (Radio 1)

Ant. 1 and Ant. 3 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) (Radio 2)

Ant. 4 and Ant. 5 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode (1TX/1RX) (Radio 2)

Ant. 5 could transmit/receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)

Ant. 2 and Ant. 3 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX) (Radio 2)

Ant. 5 could transmit/receive.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)

Ant. 2 could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax mode (2TX/2RX) (Radio 1)

Ant. 1 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 ax mode (1TX/1RX) (Radio 2)

Ant. 5 could transmit/receive.

For Thread function:

For Thread mode (1TX/1RX) (Radio 4)

Ant. 2 could transmit/receive.

For Zigbee function:

For Zigbee mode (1TX/1RX) (Radio 4)

Ant. 2 could transmit/receive.



Note 1: Directional gain information

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☐	Indoor Access Point	☐	Dual Client
	☐	Indoor Client	☐	Fixed Client
	☐	Subordinate	☐	Standard Client
	☐	Very Low Power	☒	Standard Power Access Point
			☒	Indoor use
			☐	Outdoor use
Beamforming Function	☒	With beamforming	☐	Without beamforming
Resource Unit	☒	Full RU	☐	Partial RU
	☐	MRU (static preamble puncturing)	☐	MRU (dynamic preamble puncturing)
Channel Puncturing	☐	Support	☒	Not support
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
☐	Other:			

Note: The above information was declared by manufacturer.

**1.1.4 Mode Test Duty Cycle****Non-Beamforming_Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss1,(MCS0)_2TX	0.981	0.08	1.491m	10Hz (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_2TX	0.964	0.16	778.125u	2k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.932	0.31	406.25u	3k
802.11ax HEW160_Nss1,(MCS0)_2TX	0.892	0.5	237.5u	5k

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

Non-Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss1,(MCS0)_1TX	0.981	0.08	1.491m	10Hz (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_1TX	0.964	0.16	778.125u	2k
802.11ax HEW80_Nss1,(MCS0)_1TX	0.931	0.31	406.25u	3k
802.11ax HEW160_Nss1,(MCS0)_1TX	0.893	0.49	237.5u	5k

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

Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.981	0.08	1.491m	10Hz (DC>=0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.964	0.16	778.125u	2k
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.932	0.31	406.25u	3k
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	0.892	0.5	237.5u	5k

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



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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ KDB 987594 D01 v03r01
- ♦ KDB 987594 D02 v03
- ♦ KDB 662911 D01 v02r01
- ♦ KDB 412172 D01 v01r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Wayne	21.2~22.7°C / 52~56%	04/Jan/2023
RF Conducted	TH07-HY	Xun Hsieh	23.5~24.1°C / 55~59%	20/Jan/2026
Radiated	03CH03-HY	Ian Liou	22.2~23.4°C / 50~52%	21/Jan/2026~23/Jan/2026
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Co-location)	03CH25-HY	Henry Ho	23.2~24.2°C / 50~51%	21/Jan/2026~30/Jan/2026

Note : The tested sample of the new test item was received on January 09, 2026.

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 Date: 04/Jan/2023

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

**Test Date:** 20/Jan/2026~30/Jan/2026

Test Items	Uncertainty	Remark
Emission Bandwidth	0.05 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.48 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.48 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMTool_REL_3_2_1_5
-----------------------	-------------------------

Non-Beamforming_Radio 1

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11ax HEW160_Nss1,(MCS0)_2TX	-
6025MHz	80
6185MHz	80
6345MHz	80
6665MHz	80

**Non-Beamforming_Radio 2**

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11ax HEW160_Nss1,(MCS0)_1TX	-
6025MHz	80
6185MHz	80
6345MHz	80
6665MHz	80

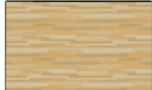
**Beamforming_Radio 1**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	80
6195MHz	80
6415MHz	80
6535MHz	80
6695MHz	80
6855MHz	80
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	80
6205MHz	80
6405MHz	80
6565MHz	80
6685MHz	80
6845MHz	80
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	80
6225MHz	80
6385MHz	80
6625MHz	80
6705MHz	80
6785MHz	80
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	80
6185MHz	80
6345MHz	80
6665MHz	80

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio 2)	V (Radio 1)	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
2	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
3	Radio 1_2.4GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
4	Radio 1_6GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
5	Radio 1_6GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
6	Radio 1_6GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Bluetooth
7	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Zigbee
8	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Zigbee
9	Radio 1_2.4GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Zigbee
10	Radio 1_6GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + Zigbee
11	Radio 1_6GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + Zigbee
12	Radio 1_6GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + Zigbee
13	Radio 1_2.4GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + thread
14	Radio 1_2.4GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + thread
15	Radio 1_2.4GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + thread
16	Radio 1_6GHz WLAN + Radio 2_2.4GHz WLAN + Radio 0_5GHz WLAN + thread
17	Radio 1_6GHz WLAN + Radio 2_5GHz WLAN + Radio 0_5GHz WLAN + thread
18	Radio 1_6GHz WLAN + Radio 2_6GHz WLAN + Radio 0_5GHz WLAN + thread
Refer to Sporton Test Report No.: FA2N2441-09 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
Bracket	Brand Name	JUNIPER	Model Name	APBR-U

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

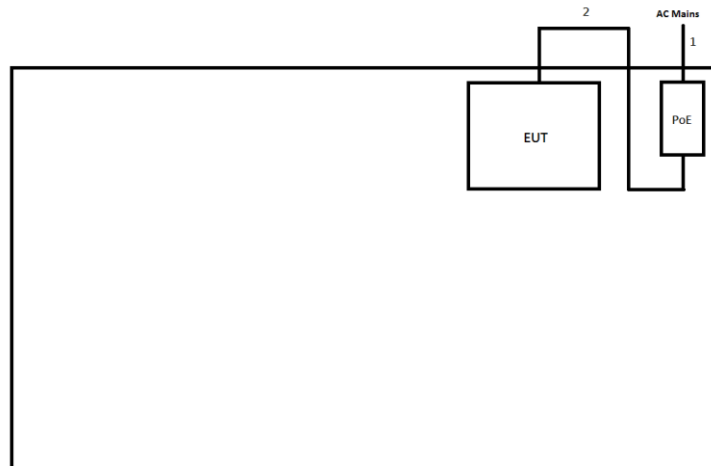
2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	I-SHENG	AC CORD 600mm	-	-
2	PoE	CISCO	POE30U-560(G)	-	Provided by Customer
3	RJ45 cable	Power sync	CAT-6E-03	-	-

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

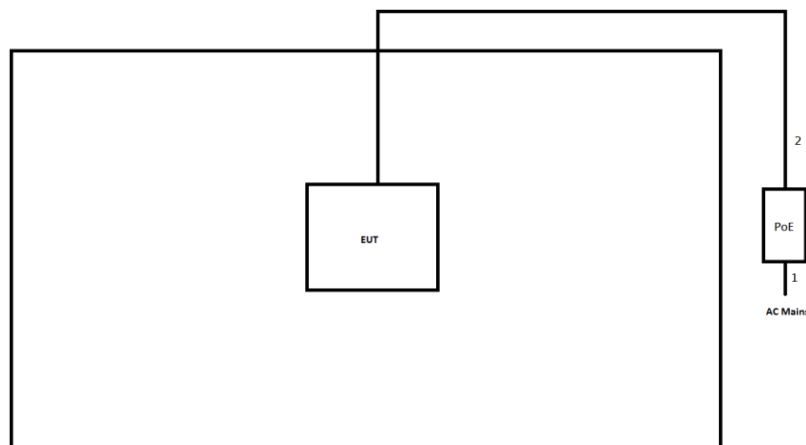
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.5	-
2	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

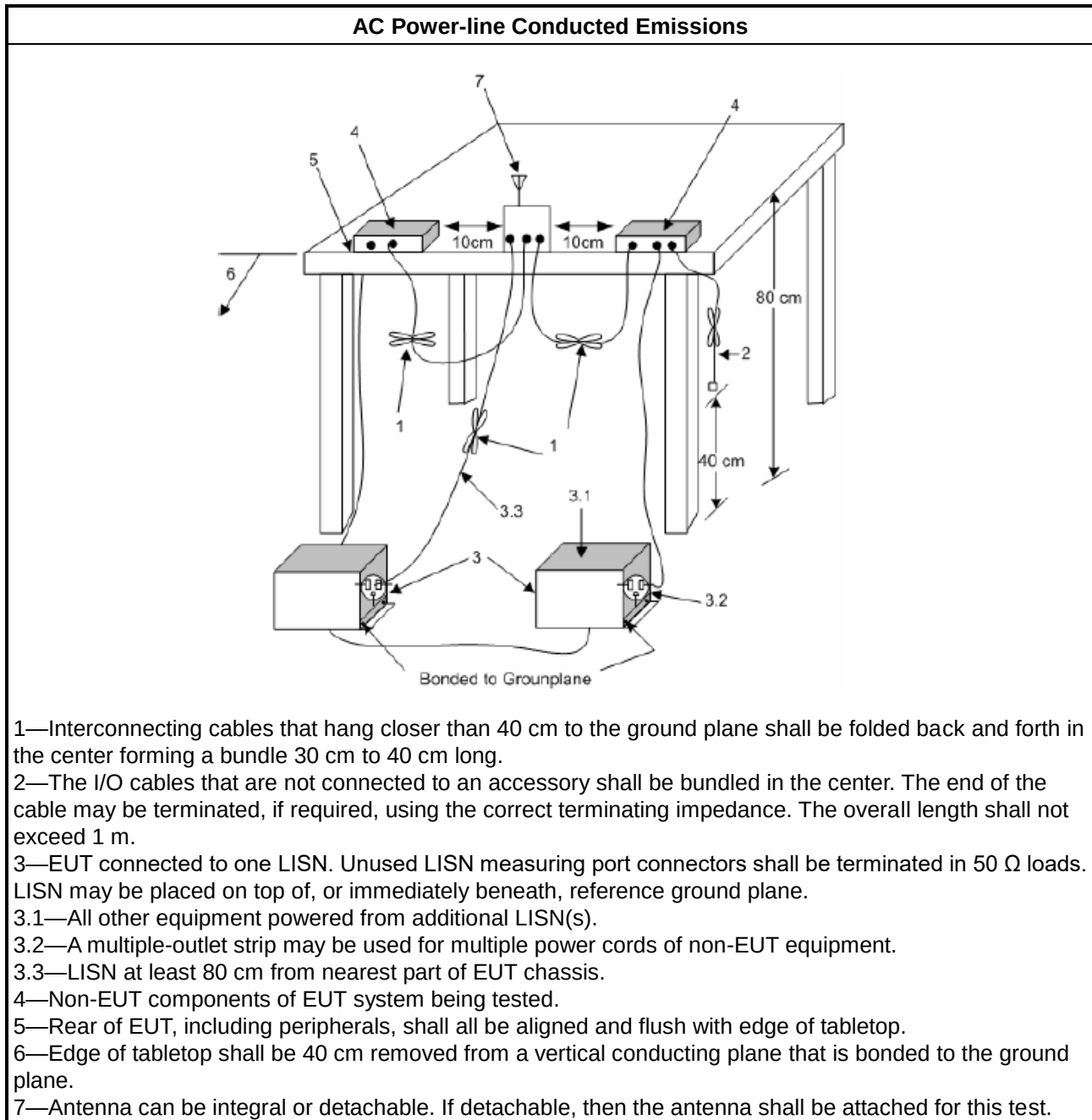
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

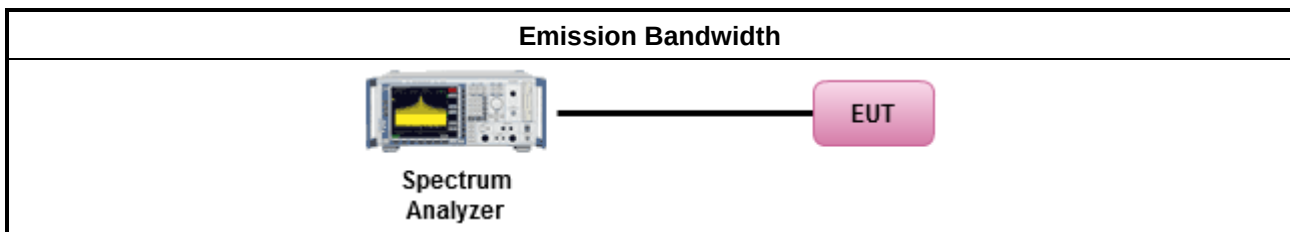
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☐ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.
☐ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
	■ For very low power device : e.i.r.p < 14 dBm.

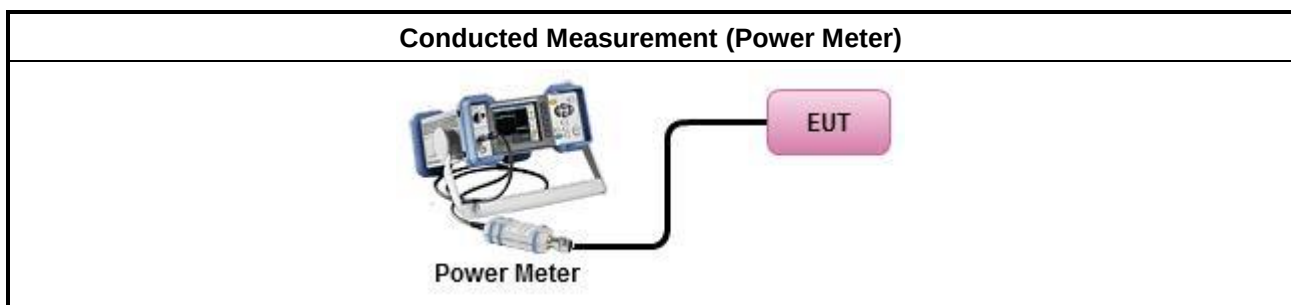
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Output Power Setting	
☐ Duty cycle $\geq 98\%$	☐ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐ Duty cycle $< 98\%$	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
☒ For conducted measurement.	
- If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them. - If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	
☐ For radiated measurement.	
- Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.3.4 Test Setup



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

Refer as Appendix C



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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	
☒	For the 6.425 ~ 6.525 GHz band:
☐	
☒	For the 6.525 ~ 6.875 GHz band:
☐	
☐	For the 6.875 ~ 7.125 GHz band:
☐	

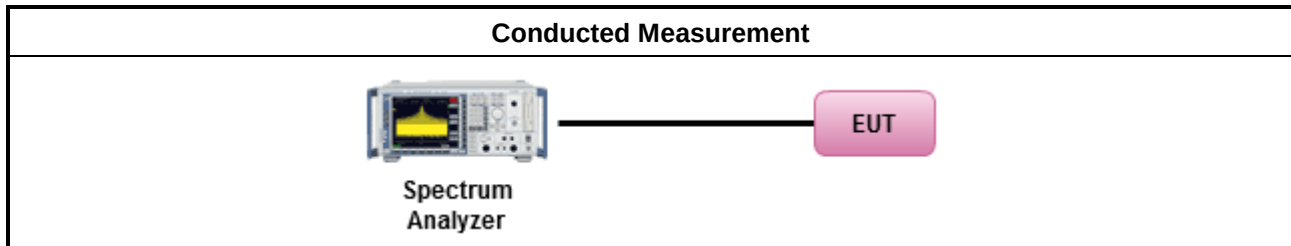
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
☒	Refer as FCC KDB 789033, clause E Method SA-2. (spectral trace averaging)
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☒	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☒	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as KDB 789033, clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as KDB 412172, clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

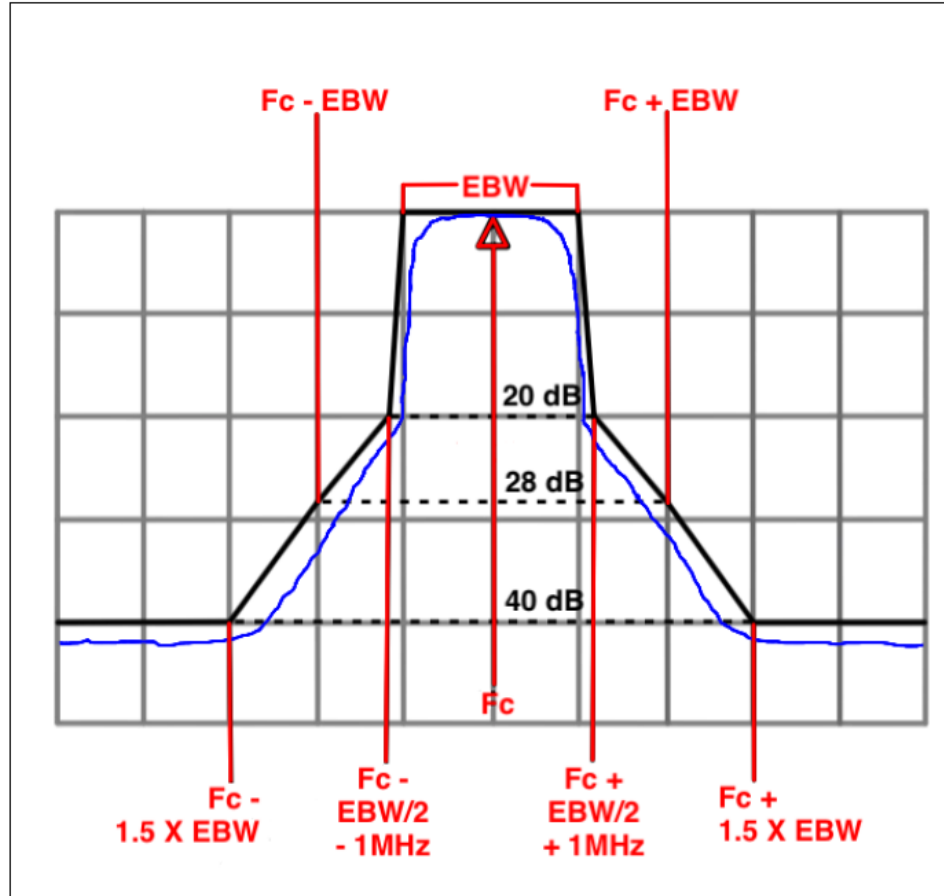
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m] Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m.
Frequency	Emission MASK Limit
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the

limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. The channel bandwidth is defined as 26 dB EBW.





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
	☐ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
	☒ Refer as ANSI C63.10, clause 11.12.2.5.2.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.(For restricted band average measurement)
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.5.2.2 measurement procedure peak limit.
	☒ Refer as FCC KDB 789033, clause G)3)d)ii) for Band edge Integration measurements.
For emission MASK shall be measured using following options below:	
	☒ Refer as KDB 987594 D02, J) In-Band Emissions
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	

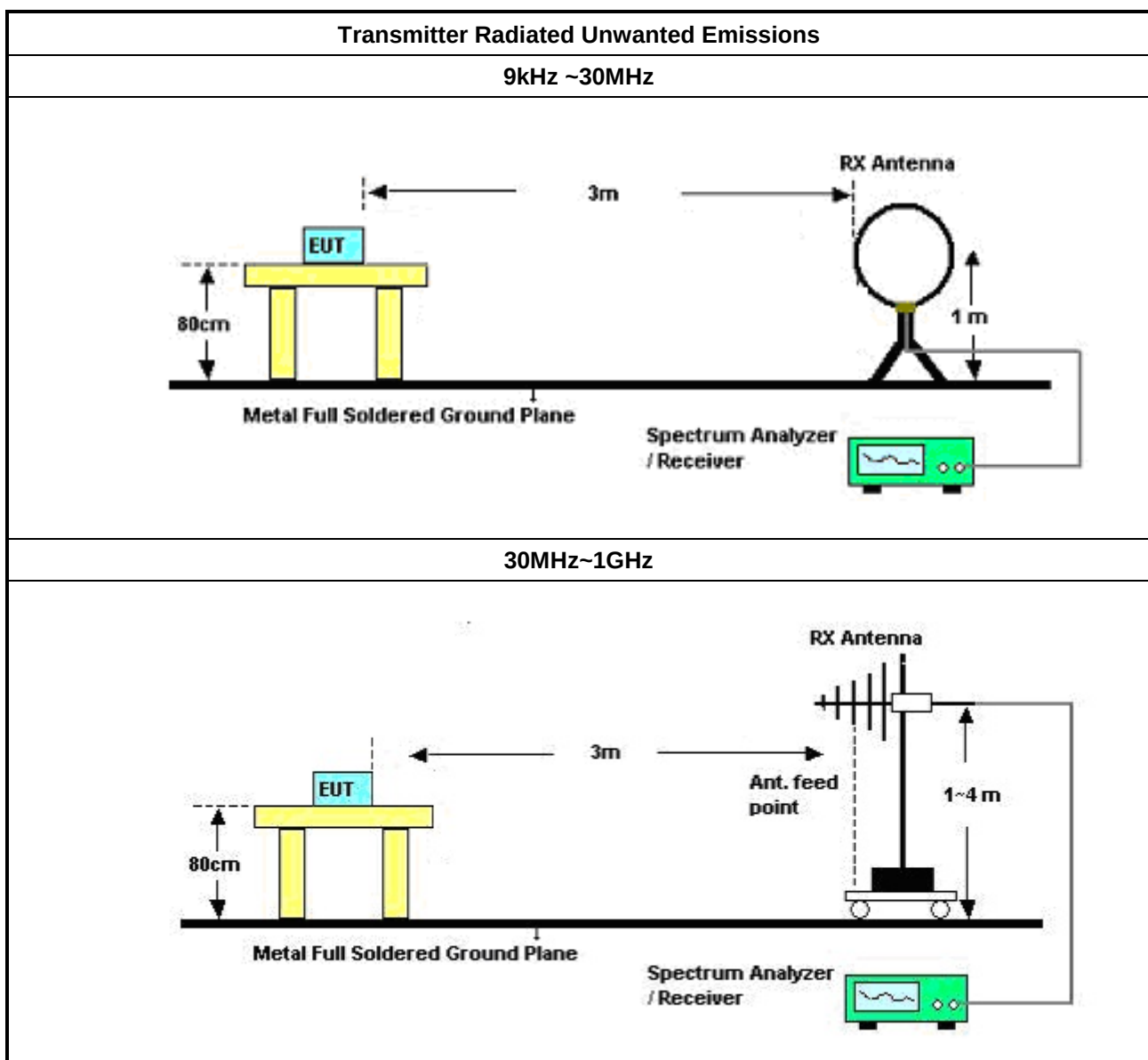
Test Method	
	Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

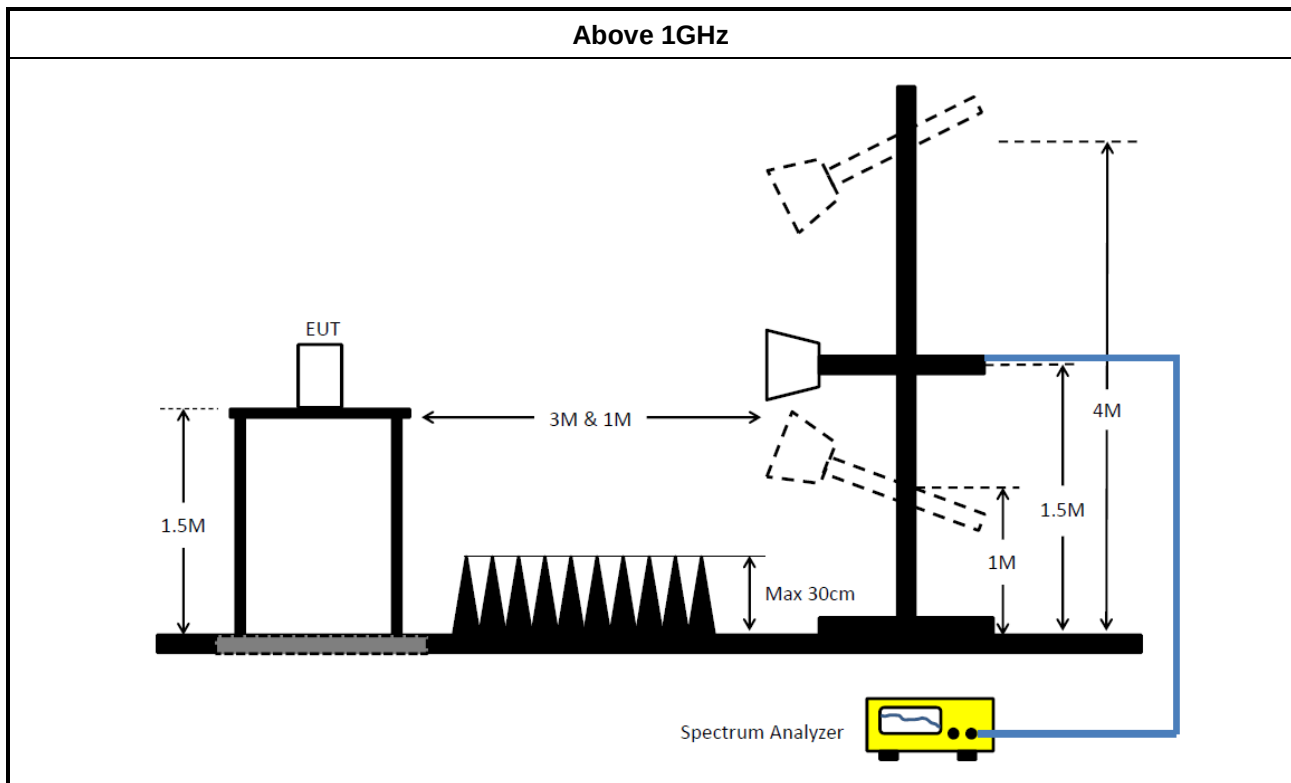
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR: No Calibration Required

Instrument for Radiated Test (03CH03-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	13/Jul/2025	12/Jul/2026
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	13/Jul/2025	12/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101748	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	11/Oct/2025	10/Oct/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	28/Oct/2025	27/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	10/Jun/2025	09/Jun/2026
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	10/Jun/2025	09/Jun/2026
RF CABLE 5+8m	HUBER+SUHNER	SUOFLEX_104	03CH03-cable-03	1GHz~40GHz	19/May/2025	18/May/2026
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	12/Sep/2025	11/Sep/2026
Microwave Prempplier	Agilent	8449B	3008A02326	1GHz~26.5GHz	23/Jul/2025	22/Jul/2026
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	26/Apr/2025	25/Apr/2026
SENSE-15407_NII	Sporton	V5.11.27	NA	NA	NA	NA

**Instrument for Radiated Test (03CH25-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101410	10Hz~44GHz	19/Nov/2025	18/Nov/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.27	NA	NA	NA	NA

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	05/Jan/2026	04/Jan/2027
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	17/Dec/2025	16/Dec/2026
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2025	16/Dec/2026
SENSE-15407_NII	Sporton	V5.11.27	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Radio 1

Appendix A.1

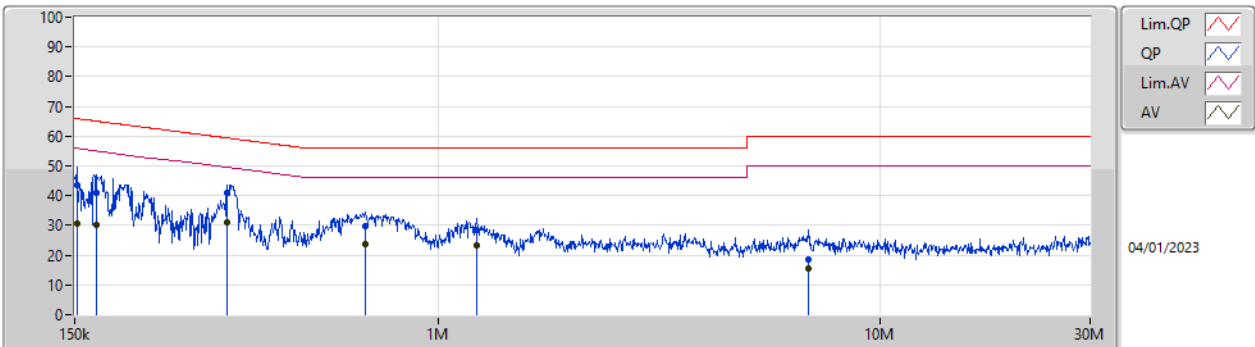
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	337.314k	43.07	59.27	-16.20	Neutral

Result

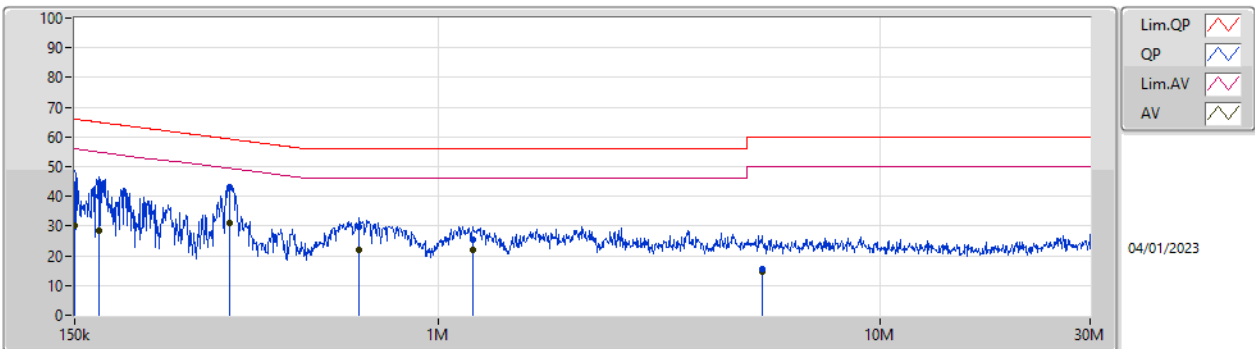
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.807k	43.46	65.90	-22.44	Line	-
Mode 1	Pass	AV	151.807k	30.74	55.90	-25.16	Line	-
Mode 1	Pass	QP	168.41k	40.89	65.04	-24.15	Line	-
Mode 1	Pass	AV	168.41k	30.26	55.04	-24.78	Line	-
Mode 1	Pass	QP	333.299k	40.80	59.37	-18.57	Line	-
Mode 1	Pass	AV	333.299k	31.15	49.37	-18.22	Line	-
Mode 1	Pass	QP	683.758k	29.56	56.00	-26.44	Line	-
Mode 1	Pass	AV	683.758k	23.89	46.00	-22.11	Line	-
Mode 1	Pass	QP	1.22M	28.47	56.00	-27.53	Line	-
Mode 1	Pass	AV	1.22M	23.23	46.00	-22.77	Line	-
Mode 1	Pass	QP	6.898M	18.63	60.00	-41.37	Line	-
Mode 1	Pass	AV	6.898M	15.39	50.00	-34.61	Line	-
Mode 1	Pass	QP	150k	44.00	66.00	-22.00	Neutral	-
Mode 1	Pass	AV	150k	30.38	56.00	-25.62	Neutral	-
Mode 1	Pass	QP	170.439k	40.18	64.93	-24.75	Neutral	-
Mode 1	Pass	AV	170.439k	28.57	54.93	-26.36	Neutral	-
Mode 1	Pass	QP	337.314k	43.07	59.27	-16.20	Neutral	-
Mode 1	Pass	AV	337.314k	31.03	49.27	-18.24	Neutral	-
Mode 1	Pass	QP	662.266k	29.90	56.00	-26.10	Neutral	-
Mode 1	Pass	AV	662.266k	21.97	46.00	-24.03	Neutral	-
Mode 1	Pass	QP	1.2M	25.27	56.00	-30.73	Neutral	-
Mode 1	Pass	AV	1.2M	21.84	46.00	-24.16	Neutral	-
Mode 1	Pass	QP	5.407M	15.69	60.00	-44.31	Neutral	-
Mode 1	Pass	AV	5.407M	14.68	50.00	-35.32	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.807k	43.46	65.90	-22.44	19.65	Line	-	23.81	9.69	0.03	9.93			
AV	151.807k	30.74	55.90	-25.16	19.65	Line	-	11.09	9.69	0.03	9.93			
QP	168.41k	40.89	65.04	-24.15	19.65	Line	-	21.24	9.69	0.03	9.93			
AV	168.41k	30.26	55.04	-24.78	19.65	Line	-	10.61	9.69	0.03	9.93			
QP	333.299k	40.80	59.37	-18.57	19.67	Line	-	21.13	9.68	0.04	9.95			
AV	333.299k	31.15	49.37	-18.22	19.67	Line	-	11.48	9.68	0.04	9.95			
QP	683.758k	29.56	56.00	-26.44	19.68	Line	-	9.88	9.68	0.05	9.95			
AV	683.758k	23.89	46.00	-22.11	19.68	Line	-	4.21	9.68	0.05	9.95			
QP	1.22M	28.47	56.00	-27.53	19.69	Line	-	8.78	9.69	0.06	9.94			
AV	1.22M	23.23	46.00	-22.77	19.69	Line	-	3.54	9.69	0.06	9.94			
QP	6.898M	18.63	60.00	-41.37	19.88	Line	-	-1.25	9.77	0.16	9.95			
AV	6.898M	15.39	50.00	-34.61	19.88	Line	-	-4.49	9.77	0.16	9.95			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	44.00	66.00	-22.00	19.69	Neutral	-	24.31	9.73	0.03	9.93			
AV	150k	30.38	56.00	-25.62	19.69	Neutral	-	10.69	9.73	0.03	9.93			
QP	170.439k	40.18	64.93	-24.75	19.69	Neutral	-	20.49	9.73	0.03	9.93			
AV	170.439k	28.57	54.93	-26.36	19.69	Neutral	-	8.88	9.73	0.03	9.93			
QP	337.314k	43.07	59.27	-16.20	19.71	Neutral	-	23.36	9.72	0.04	9.95			
AV	337.314k	31.03	49.27	-18.24	19.71	Neutral	-	11.32	9.72	0.04	9.95			
QP	662.266k	29.90	56.00	-26.10	19.73	Neutral	-	10.17	9.73	0.05	9.95			
AV	662.266k	21.97	46.00	-24.03	19.73	Neutral	-	2.24	9.73	0.05	9.95			
QP	1.2M	25.27	56.00	-30.73	19.73	Neutral	-	5.54	9.73	0.06	9.94			
AV	1.2M	21.84	46.00	-24.16	19.73	Neutral	-	2.11	9.73	0.06	9.94			
QP	5.407M	15.69	60.00	-44.31	19.89	Neutral	-	-4.20	9.80	0.15	9.94			
AV	5.407M	14.68	50.00	-35.32	19.89	Neutral	-	-5.21	9.80	0.15	9.94			



Conducted Emissions at Powerline_Radio 2

Appendix A.2

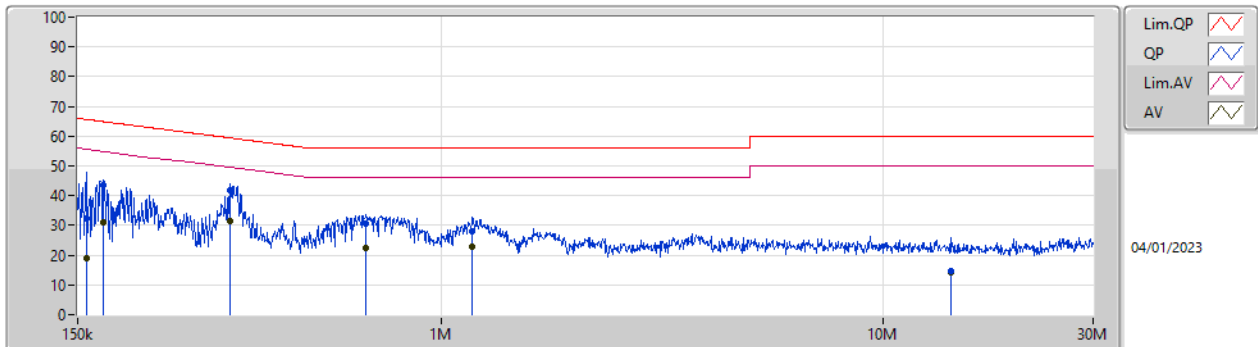
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	337.314k	35.00	49.27	-14.27	Neutral

Result

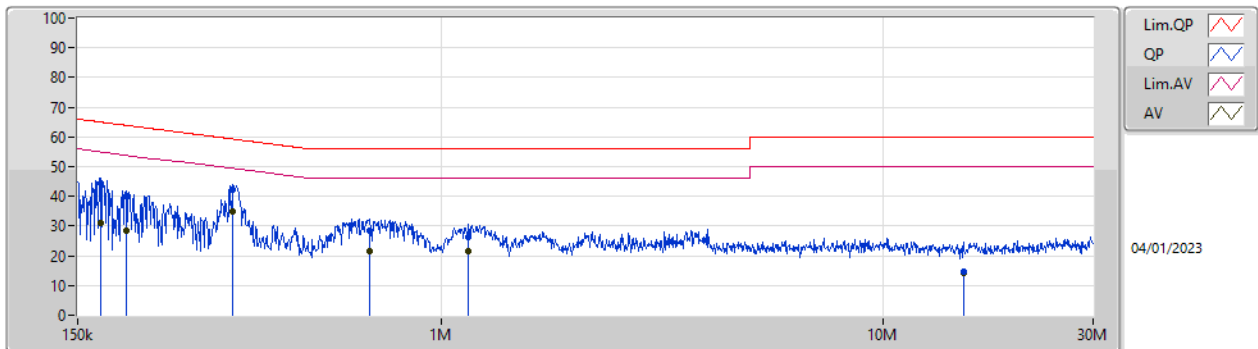
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.734k	32.36	65.64	-33.28	Line	-
Mode 1	Pass	AV	156.734k	19.17	55.64	-36.47	Line	-
Mode 1	Pass	QP	171.806k	43.43	64.87	-21.44	Line	-
Mode 1	Pass	AV	171.806k	31.08	54.87	-23.79	Line	-
Mode 1	Pass	QP	333.299k	41.83	59.37	-17.54	Line	-
Mode 1	Pass	AV	333.299k	31.59	49.37	-17.78	Line	-
Mode 1	Pass	QP	675.618k	30.59	56.00	-25.41	Line	-
Mode 1	Pass	AV	675.618k	22.50	46.00	-23.50	Line	-
Mode 1	Pass	QP	1.177M	28.05	56.00	-27.95	Line	-
Mode 1	Pass	AV	1.177M	22.86	46.00	-23.14	Line	-
Mode 1	Pass	QP	14.265M	14.78	60.00	-45.22	Line	-
Mode 1	Pass	AV	14.265M	14.13	50.00	-35.87	Line	-
Mode 1	Pass	QP	169.084k	44.26	65.01	-20.75	Neutral	-
Mode 1	Pass	AV	169.084k	30.91	55.01	-24.10	Neutral	-
Mode 1	Pass	QP	193.664k	39.91	63.88	-23.97	Neutral	-
Mode 1	Pass	AV	193.664k	28.45	53.88	-25.43	Neutral	-
Mode 1	Pass	QP	337.314k	42.39	59.27	-16.88	Neutral	-
Mode 1	Pass	AV	337.314k	35.00	49.27	-14.27	Neutral	-
Mode 1	Pass	QP	689.239k	28.64	56.00	-27.36	Neutral	-
Mode 1	Pass	AV	689.239k	21.59	46.00	-24.41	Neutral	-
Mode 1	Pass	QP	1.154M	26.16	56.00	-29.84	Neutral	-
Mode 1	Pass	AV	1.154M	21.57	46.00	-24.43	Neutral	-
Mode 1	Pass	QP	15.266M	14.76	60.00	-45.24	Neutral	-
Mode 1	Pass	AV	15.266M	14.11	50.00	-35.89	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.734k	32.36	65.64	-33.28	19.65	Line	-	12.71	9.69	0.03	9.93			
AV	156.734k	19.17	55.64	-36.47	19.65	Line	-	-0.48	9.69	0.03	9.93			
QP	171.806k	43.43	64.87	-21.44	19.65	Line	-	23.78	9.69	0.03	9.93			
AV	171.806k	31.08	54.87	-23.79	19.65	Line	-	11.43	9.69	0.03	9.93			
QP	333.299k	41.83	59.37	-17.54	19.67	Line	-	22.16	9.68	0.04	9.95			
AV	333.299k	31.59	49.37	-17.78	19.67	Line	-	11.92	9.68	0.04	9.95			
QP	675.618k	30.59	56.00	-25.41	19.68	Line	-	10.91	9.68	0.05	9.95			
AV	675.618k	22.50	46.00	-23.50	19.68	Line	-	2.82	9.68	0.05	9.95			
QP	1.177M	28.05	56.00	-27.95	19.68	Line	-	8.37	9.68	0.06	9.94			
AV	1.177M	22.86	46.00	-23.14	19.68	Line	-	3.18	9.68	0.06	9.94			
QP	14.265M	14.78	60.00	-45.22	20.00	Line	-	-5.22	9.80	0.23	9.97			
AV	14.265M	14.13	50.00	-35.87	20.00	Line	-	-5.87	9.80	0.23	9.97			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	169.084k	44.26	65.01	-20.75	19.69	Neutral	-	24.57	9.73	0.03	9.93			
AV	169.084k	30.91	55.01	-24.10	19.69	Neutral	-	11.22	9.73	0.03	9.93			
QP	193.664k	39.91	63.88	-23.97	19.68	Neutral	-	20.23	9.72	0.03	9.93			
AV	193.664k	28.45	53.88	-25.43	19.68	Neutral	-	8.77	9.72	0.03	9.93			
QP	337.314k	42.39	59.27	-16.88	19.71	Neutral	-	22.68	9.72	0.04	9.95			
AV	337.314k	35.00	49.27	-14.27	19.71	Neutral	-	15.29	9.72	0.04	9.95			
QP	689.239k	28.64	56.00	-27.36	19.73	Neutral	-	8.91	9.73	0.05	9.95			
AV	689.239k	21.59	46.00	-24.41	19.73	Neutral	-	1.86	9.73	0.05	9.95			
QP	1.154M	26.16	56.00	-29.84	19.73	Neutral	-	6.43	9.73	0.06	9.94			
AV	1.154M	21.57	46.00	-24.43	19.73	Neutral	-	1.84	9.73	0.06	9.94			
QP	15.266M	14.76	60.00	-45.24	20.16	Neutral	-	-5.40	9.95	0.24	9.97			
AV	15.266M	14.11	50.00	-35.89	20.16	Neutral	-	-6.05	9.95	0.24	9.97			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	24.75M	19.24M	19M2D1D	21.285M	19.02M
802.11ax HEW40_Nss1,(MCS0)_2TX	62.15M	37.931M	37M9D1D	40.7M	37.711M
802.11ax HEW80_Nss1,(MCS0)_2TX	141.9M	77.401M	77M4D1D	80.74M	76.962M
802.11ax HEW160_Nss1,(MCS0)_2TX	294.8M	156.562M	157MD1D	259.6M	155.682M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	26.07M	19.13M	19M1D1D	21.23M	19.02M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.59M	37.931M	37M9D1D	40.26M	37.711M
802.11ax HEW80_Nss1,(MCS0)_2TX	94.16M	77.181M	77M2D1D	80.08M	76.962M
802.11ax HEW160_Nss1,(MCS0)_2TX	277.2M	156.562M	157MD1D	263.12M	156.122M

Max-N dB = Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz	Pass	Inf	22M	19.075M	24.42M	19.24M
6195MHz	Pass	Inf	22M	19.13M	24.75M	19.185M
6415MHz	Pass	Inf	21.285M	19.02M	21.45M	19.02M
6535MHz	Pass	Inf	21.23M	19.075M	23.705M	19.13M
6695MHz	Pass	Inf	21.505M	19.02M	24.915M	19.075M
6855MHz	Pass	Inf	24.475M	19.13M	26.07M	19.13M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz	Pass	Inf	43.23M	37.711M	62.15M	37.931M
6205MHz	Pass	Inf	40.7M	37.711M	42.02M	37.821M
6405MHz	Pass	Inf	40.81M	37.821M	40.7M	37.821M
6565MHz	Pass	Inf	40.59M	37.821M	40.59M	37.711M
6685MHz	Pass	Inf	40.37M	37.821M	40.37M	37.711M
6845MHz	Pass	Inf	40.26M	37.821M	40.48M	37.931M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz	Pass	Inf	82.28M	76.962M	141.9M	77.401M
6225MHz	Pass	Inf	81.18M	77.181M	80.74M	77.181M
6385MHz	Pass	Inf	80.96M	77.181M	81.18M	77.181M
6625MHz	Pass	Inf	80.96M	77.181M	80.74M	77.181M
6705MHz	Pass	Inf	81.62M	77.181M	80.08M	77.181M
6785MHz	Pass	Inf	94.16M	77.181M	80.74M	76.962M
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz	Pass	Inf	259.6M	155.682M	282.92M	156.122M
6185MHz	Pass	Inf	294.8M	156.122M	286M	156.562M
6345MHz	Pass	Inf	265.76M	156.562M	279.4M	156.122M
6665MHz	Pass	Inf	263.12M	156.122M	277.2M	156.562M

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

5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

6195MHz

20/01/2026

CF (Hz)
6.195G

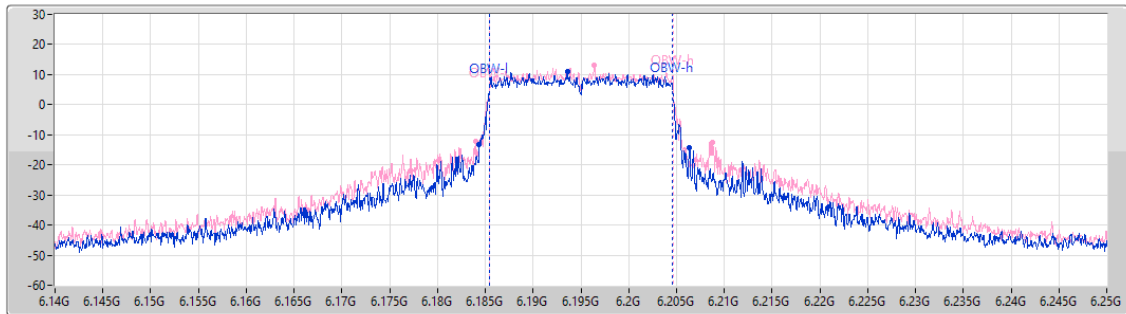
Span (Hz)
110M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	6.184385G	6.206385G	19.13M	6.185435G	6.204565G	Inf	1
24.75M	6.184G	6.20875G	19.185M	6.185435G	6.20462G	Inf	2

5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5965MHz

20/01/2026

CF (Hz)
5.965G

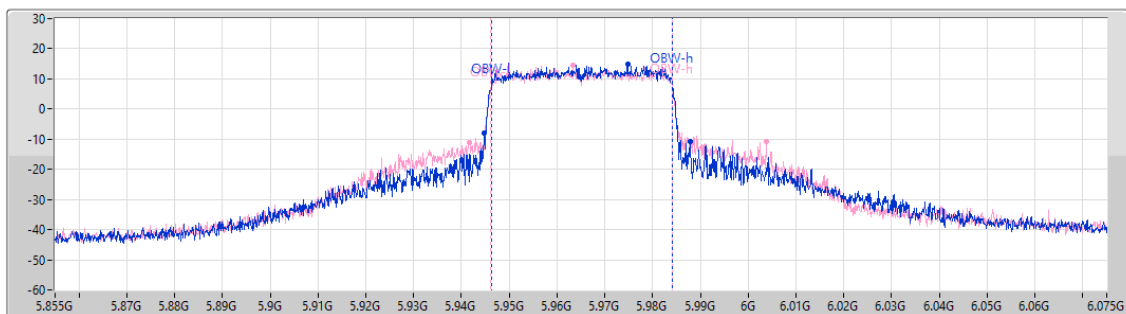
Span (Hz)
220M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.23M	5.94476G	5.98799G	37.711M	5.946309G	5.98402G	Inf	1
62.15M	5.94157G	6.00372G	37.931M	5.946199G	5.98413G	Inf	2

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

EBW

5985MHz

20/01/2026

CF (Hz)
5.985G

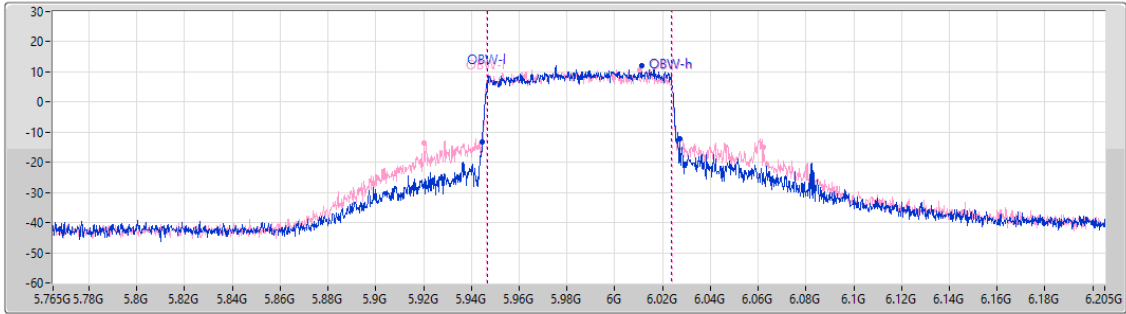
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.28M	5.94474G	6.02702G	76.962M	5.946739G	6.023701G	Inf	1
141.9M	5.92032G	6.06222G	77.401M	5.946519G	6.023921G	Inf	2

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

EBW

6185MHz

20/01/2026

CF (Hz)
6.185G

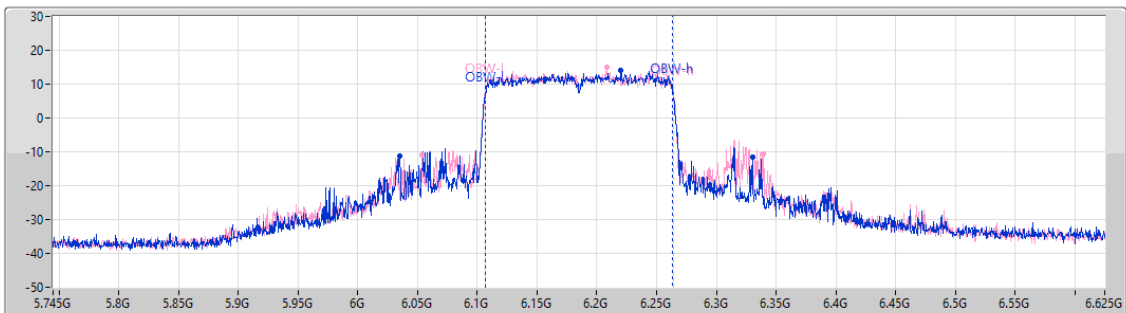
Span (Hz)
880M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
2.01m

Detector Type
Peak



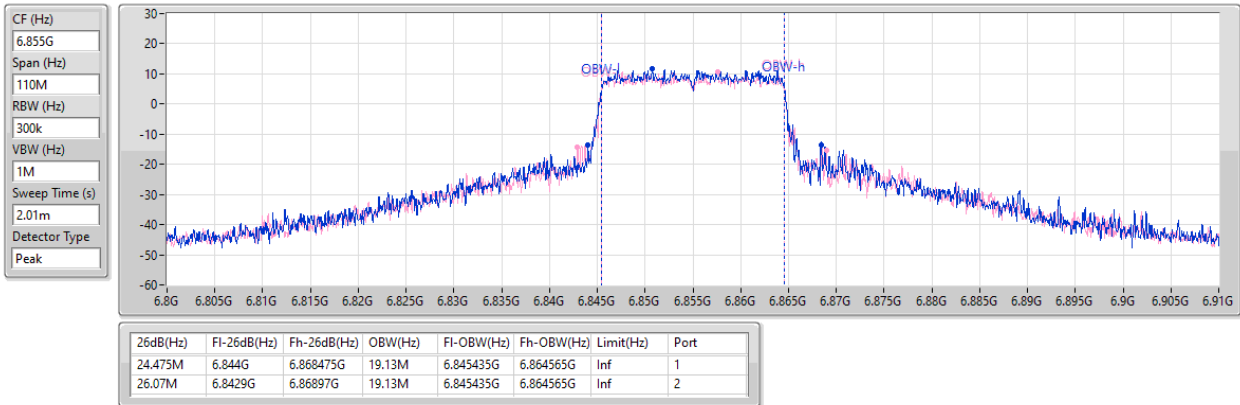
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
294.8M	6.0354G	6.3302G	156.122M	6.107159G	6.263281G	Inf	1
286M	6.05344G	6.33944G	156.562M	6.107159G	6.263721G	Inf	2

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

EBW

6855MHz

20/01/2026

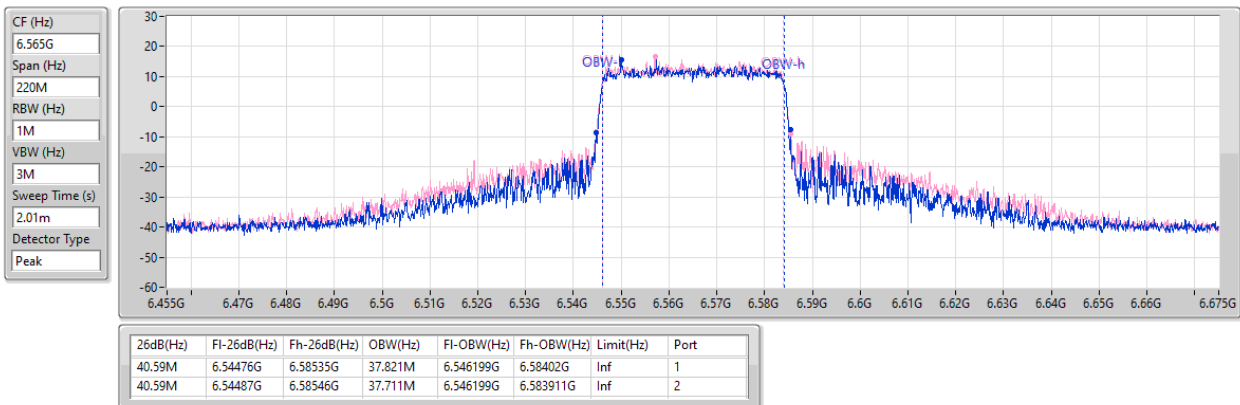


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

6565MHz

20/01/2026



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

EBW

6785MHz

20/01/2026

CF (Hz)
6.785G

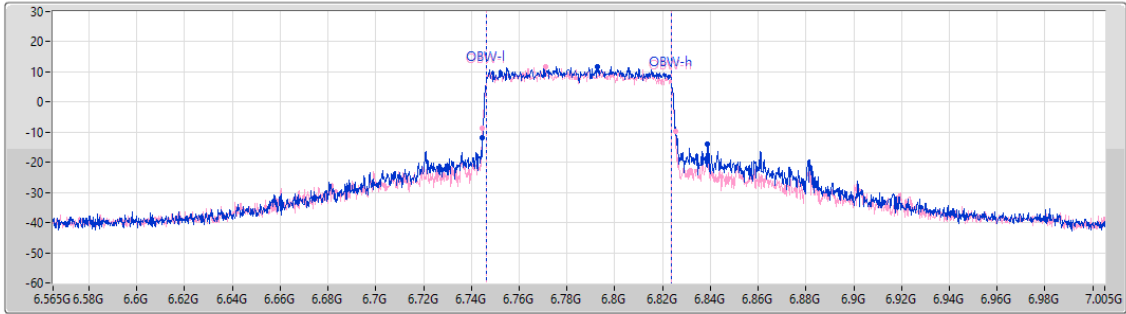
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
94.16M	6.74474G	6.8389G	77.181M	6.746519G	6.823701G	Inf	1
80.74M	6.74452G	6.82526G	76.962M	6.746519G	6.823481G	Inf	2

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

EBW

6665MHz

20/01/2026

CF (Hz)
6.665G

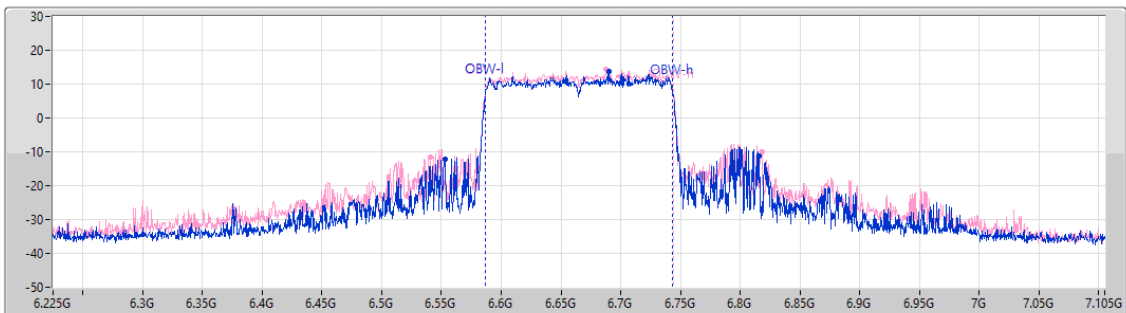
Span (Hz)
880M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
263.12M	6.5528G	6.81592G	156.122M	6.587159G	6.743281G	Inf	1
277.2M	6.54092G	6.81812G	156.562M	6.587159G	6.743721G	Inf	2

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	28.71M	19.35M	19M4D1D	22.055M	19.185M
802.11ax HEW40_Nss1,(MCS0)_1TX	69.08M	38.261M	38M3D1D	51.37M	38.041M
802.11ax HEW80_Nss1,(MCS0)_1TX	160.6M	78.061M	78M1D1D	81.18M	77.181M
802.11ax HEW160_Nss1,(MCS0)_1TX	312.4M	159.2M	159MD1D	305.8M	157.001M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	34.155M	19.185M	19M2D1D	21.505M	19.075M
802.11ax HEW40_Nss1,(MCS0)_1TX	52.69M	38.041M	38M0D1D	40.48M	38.041M
802.11ax HEW80_Nss1,(MCS0)_1TX	114.4M	77.621M	77M6D1D	82.06M	77.181M
802.11ax HEW160_Nss1,(MCS0)_1TX	308.44M	157.441M	157MD1D	308.44M	157.441M

Max-N dB = Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = 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)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	22.055M	19.185M
6195MHz	Pass	Inf	28.71M	19.35M
6415MHz	Pass	Inf	26.4M	19.185M
6535MHz	Pass	Inf	34.155M	19.185M
6695MHz	Pass	Inf	21.505M	19.075M
6855MHz	Pass	Inf	22.33M	19.075M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	51.92M	38.041M
6205MHz	Pass	Inf	69.08M	38.261M
6405MHz	Pass	Inf	51.37M	38.261M
6565MHz	Pass	Inf	52.69M	38.041M
6685MHz	Pass	Inf	40.48M	38.041M
6845MHz	Pass	Inf	51.04M	38.041M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	81.18M	77.181M
6225MHz	Pass	Inf	138.6M	77.621M
6385MHz	Pass	Inf	160.6M	78.061M
6625MHz	Pass	Inf	114.4M	77.181M
6705MHz	Pass	Inf	82.06M	77.401M
6785MHz	Pass	Inf	106.92M	77.621M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	312.4M	157.001M
6185MHz	Pass	Inf	305.8M	159.2M
6345MHz	Pass	Inf	311.96M	158.761M
6665MHz	Pass	Inf	308.44M	157.441M

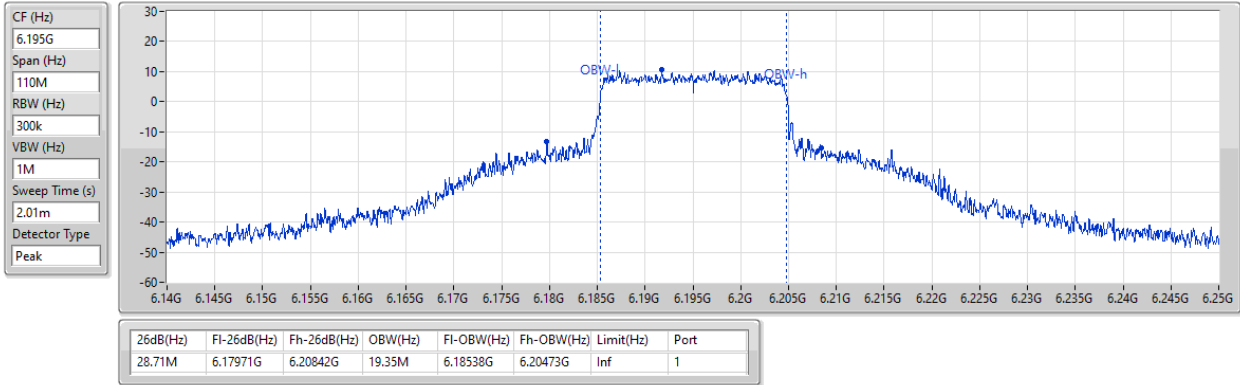
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

6195MHz

20/01/2026

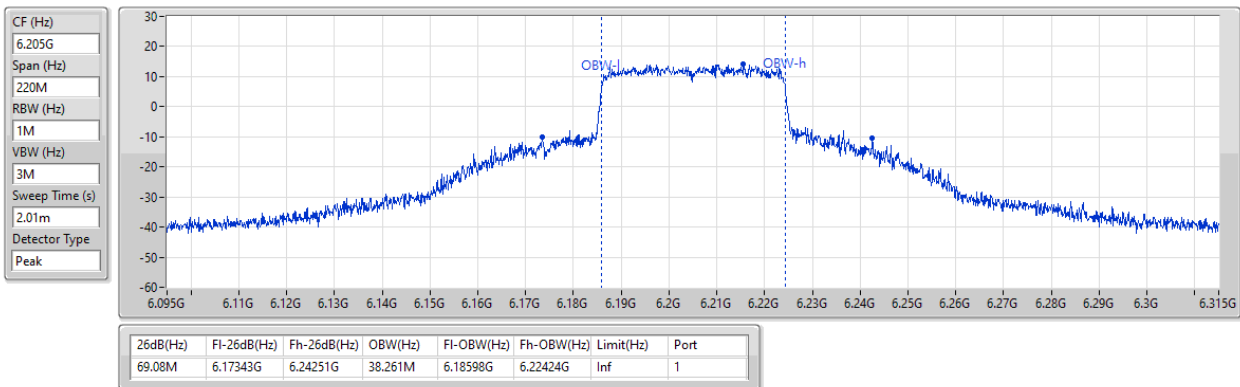


5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

EBW

6205MHz

20/01/2026



5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_1TX

EBW

6385MHz

20/01/2026

CF (Hz)
6.385G

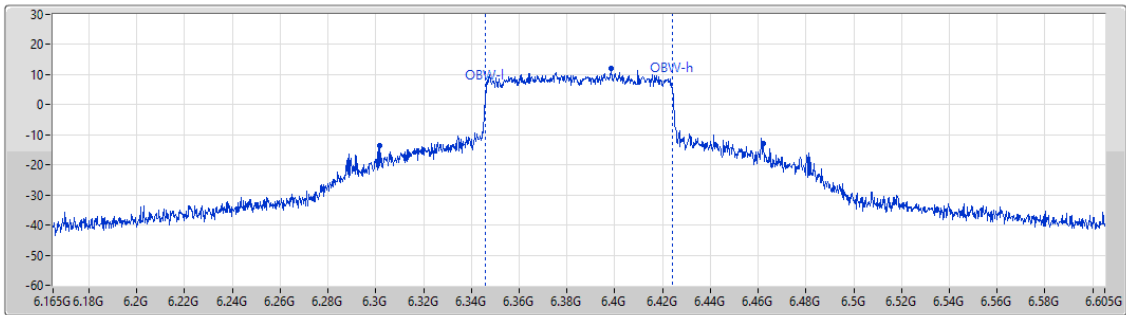
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
160.6M	6.30162G	6.46222G	78.061M	6.346079G	6.42414G	Inf	1

5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_1TX

EBW

6025MHz

20/01/2026

CF (Hz)
6.025G

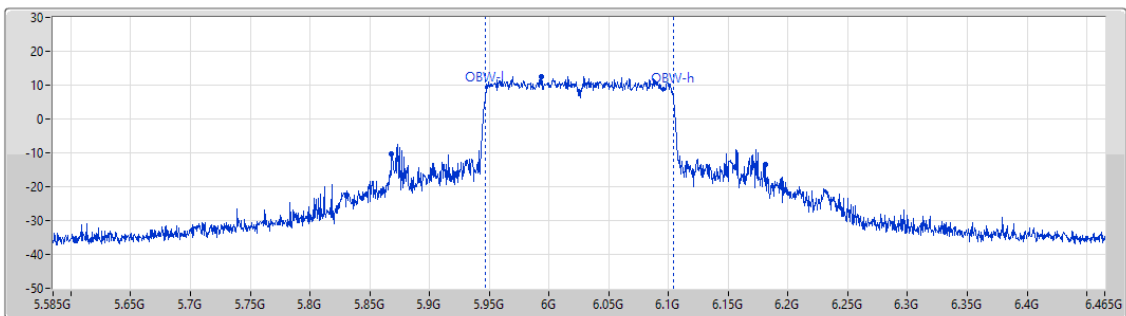
Span (Hz)
880M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
2.01m

Detector Type
Peak



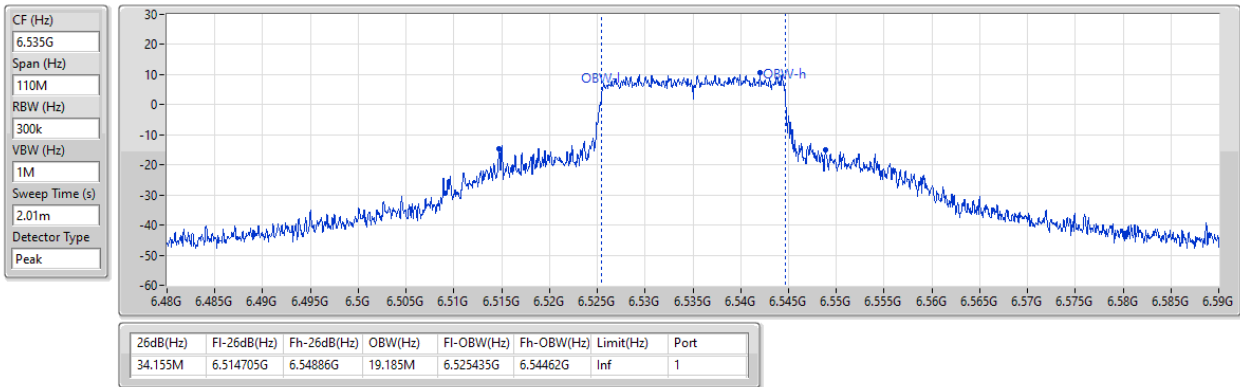
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
312.4M	5.86836G	6.18076G	157.001M	5.946719G	6.103721G	Inf	1

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

EBW

6535MHz

20/01/2026

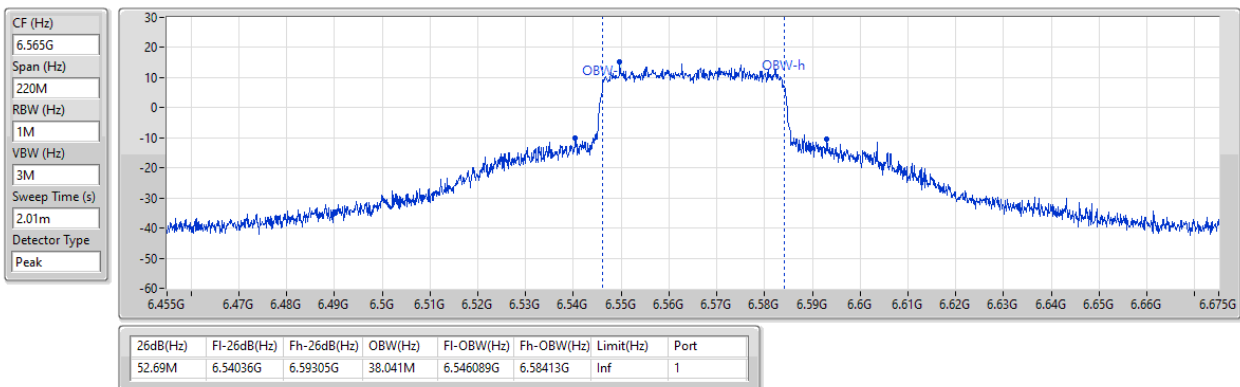


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

EBW

6565MHz

20/01/2026



6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_1TX

EBW

6625MHz

20/01/2026

CF (Hz)
6.625G

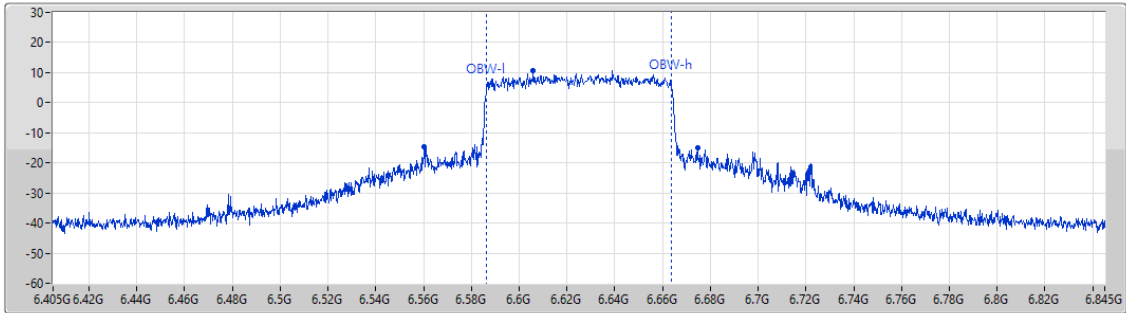
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.01m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
114.4M	6.56032G	6.67472G	77.181M	6.586519G	6.663701G	Inf	1

6.525-6.875GHz_802.11ax_HEW160_Nss1,(MCS0)_1TX

EBW

6665MHz

20/01/2026

CF (Hz)
6.665G

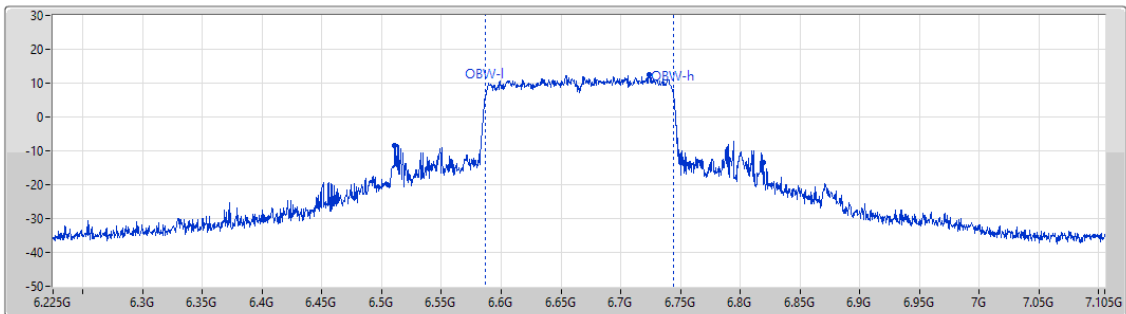
Span (Hz)
880M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4m

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
308.44M	6.511G	6.81944G	157.441M	6.586719G	6.74416G	Inf	1

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	22.84	0.19231	27.95	0.62373
802.11ax HEW40_Nss1,(MCS0)_2TX	22.49	0.17742	27.60	0.57544
802.11ax HEW80_Nss1,(MCS0)_2TX	22.81	0.19099	27.92	0.61944
802.11ax HEW160_Nss1,(MCS0)_2TX	22.56	0.18030	27.67	0.58479
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	22.99	0.19907	28.10	0.64565
802.11ax HEW40_Nss1,(MCS0)_2TX	22.42	0.17458	27.53	0.56624
802.11ax HEW80_Nss1,(MCS0)_2TX	22.34	0.17140	27.45	0.55590
802.11ax HEW160_Nss1,(MCS0)_2TX	22.00	0.15849	27.11	0.51404



Average Power_Non-Beamforming_Radio 1

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.11	19.60	19.77	22.70	Inf	27.81	36.00
6195MHz	Pass	5.11	19.17	20.40	22.84	Inf	27.95	36.00
6415MHz	Pass	5.11	18.82	18.36	21.61	Inf	26.72	36.00
6535MHz	Pass	5.11	19.43	20.46	22.99	Inf	28.10	36.00
6695MHz	Pass	5.11	18.77	19.79	22.32	Inf	27.43	36.00
6855MHz	Pass	5.11	20.21	19.32	22.80	Inf	27.91	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.11	19.50	19.11	22.32	Inf	27.43	36.00
6205MHz	Pass	5.11	19.38	19.57	22.49	Inf	27.60	36.00
6405MHz	Pass	5.11	19.30	18.46	21.91	Inf	27.02	36.00
6565MHz	Pass	5.11	18.81	19.94	22.42	Inf	27.53	36.00
6685MHz	Pass	5.11	18.60	19.27	21.96	Inf	27.07	36.00
6845MHz	Pass	5.11	19.67	18.95	22.34	Inf	27.45	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.11	19.41	19.15	22.29	Inf	27.40	36.00
6225MHz	Pass	5.11	19.76	19.71	22.75	Inf	27.86	36.00
6385MHz	Pass	5.11	20.37	19.14	22.81	Inf	27.92	36.00
6625MHz	Pass	5.11	18.77	19.62	22.23	Inf	27.34	36.00
6705MHz	Pass	5.11	18.52	19.26	21.92	Inf	27.03	36.00
6785MHz	Pass	5.11	19.75	18.86	22.34	Inf	27.45	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	5.11	19.38	18.85	22.13	Inf	27.24	36.00
6185MHz	Pass	5.11	19.43	19.66	22.56	Inf	27.67	36.00
6345MHz	Pass	5.11	18.89	18.54	21.73	Inf	26.84	36.00
6665MHz	Pass	5.11	18.29	19.59	22.00	Inf	27.11	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Average Power_Non-Beamforming_Radio 2

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	18.99	0.07925	22.15	0.16406
802.11ax HEW40_Nss1,(MCS0)_1TX	19.36	0.08630	22.52	0.17865
802.11ax HEW80_Nss1,(MCS0)_1TX	19.33	0.08570	22.49	0.17742
802.11ax HEW160_Nss1,(MCS0)_1TX	19.41	0.08730	22.57	0.18072
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	18.75	0.07499	21.91	0.15524
802.11ax HEW40_Nss1,(MCS0)_1TX	19.02	0.07980	22.18	0.16520
802.11ax HEW80_Nss1,(MCS0)_1TX	18.78	0.07551	21.94	0.15631
802.11ax HEW160_Nss1,(MCS0)_1TX	18.11	0.06471	21.27	0.13397



Average Power_Non-Beamforming_Radio 2

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	3.16	18.99	18.99	Inf	22.15	36.00
6195MHz	Pass	3.16	18.97	18.97	Inf	22.13	36.00
6415MHz	Pass	3.16	18.11	18.11	Inf	21.27	36.00
6535MHz	Pass	3.16	18.75	18.75	Inf	21.91	36.00
6695MHz	Pass	3.16	17.59	17.59	Inf	20.75	36.00
6855MHz	Pass	3.16	18.67	18.67	Inf	21.83	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	3.16	19.03	19.03	Inf	22.19	36.00
6205MHz	Pass	3.16	19.36	19.36	Inf	22.52	36.00
6405MHz	Pass	3.16	18.82	18.82	Inf	21.98	36.00
6565MHz	Pass	3.16	18.83	18.83	Inf	21.99	36.00
6685MHz	Pass	3.16	18.13	18.13	Inf	21.29	36.00
6845MHz	Pass	3.16	19.02	19.02	Inf	22.18	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	3.16	18.40	18.40	Inf	21.56	36.00
6225MHz	Pass	3.16	19.15	19.15	Inf	22.31	36.00
6385MHz	Pass	3.16	19.33	19.33	Inf	22.49	36.00
6625MHz	Pass	3.16	18.08	18.08	Inf	21.24	36.00
6705MHz	Pass	3.16	17.93	17.93	Inf	21.09	36.00
6785MHz	Pass	3.16	18.78	18.78	Inf	21.94	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	3.16	18.44	18.44	Inf	21.60	36.00
6185MHz	Pass	3.16	19.41	19.41	Inf	22.57	36.00
6345MHz	Pass	3.16	18.62	18.62	Inf	21.78	36.00
6665MHz	Pass	3.16	18.11	18.11	Inf	21.27	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.84	0.19231	30.68	1.16950
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.49	0.17742	30.33	1.07895
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.81	0.19099	30.65	1.16145
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	22.56	0.18030	30.40	1.09648
6.525-6.875GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.99	0.19907	30.83	1.21060
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.42	0.17458	30.26	1.06170
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.34	0.17140	30.18	1.04232
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	22.00	0.15849	29.84	0.96383

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	7.84	19.60	19.77	22.70	Inf	30.54	36.00
6195MHz	Pass	7.84	19.17	20.40	22.84	Inf	30.68	36.00
6415MHz	Pass	7.84	18.82	18.36	21.61	Inf	29.45	36.00
6535MHz	Pass	7.84	19.43	20.46	22.99	Inf	30.83	36.00
6695MHz	Pass	7.84	18.77	19.79	22.32	Inf	30.16	36.00
6855MHz	Pass	7.84	20.21	19.32	22.80	Inf	30.64	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	7.84	19.50	19.11	22.32	Inf	30.16	36.00
6205MHz	Pass	7.84	19.38	19.57	22.49	Inf	30.33	36.00
6405MHz	Pass	7.84	19.30	18.46	21.91	Inf	29.75	36.00
6565MHz	Pass	7.84	18.81	19.94	22.42	Inf	30.26	36.00
6685MHz	Pass	7.84	18.60	19.27	21.96	Inf	29.80	36.00
6845MHz	Pass	7.84	19.67	18.95	22.34	Inf	30.18	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	7.84	19.41	19.15	22.29	Inf	30.13	36.00
6225MHz	Pass	7.84	19.76	19.71	22.75	Inf	30.59	36.00
6385MHz	Pass	7.84	20.37	19.14	22.81	Inf	30.65	36.00
6625MHz	Pass	7.84	18.77	19.62	22.23	Inf	30.07	36.00
6705MHz	Pass	7.84	18.52	19.26	21.92	Inf	29.76	36.00
6785MHz	Pass	7.84	19.75	18.86	22.34	Inf	30.18	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	7.84	19.38	18.85	22.13	Inf	29.97	36.00
6185MHz	Pass	7.84	19.43	19.66	22.56	Inf	30.40	36.00
6345MHz	Pass	7.84	18.89	18.54	21.73	Inf	29.57	36.00
6665MHz	Pass	7.84	18.29	19.59	22.00	Inf	29.84	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	9.67	17.51
802.11ax HEW40_Nss1,(MCS0)_2TX	6.76	14.60
802.11ax HEW80_Nss1,(MCS0)_2TX	4.20	12.04
802.11ax HEW160_Nss1,(MCS0)_2TX	1.09	8.93
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	9.63	17.47
802.11ax HEW40_Nss1,(MCS0)_2TX	6.62	14.46
802.11ax HEW80_Nss1,(MCS0)_2TX	3.76	11.60
802.11ax HEW160_Nss1,(MCS0)_2TX	0.52	8.36

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	7.84	6.44	6.56	9.47	Inf	17.31	23.00
6195MHz	Pass	7.84	6.04	7.23	9.67	Inf	17.51	23.00
6415MHz	Pass	7.84	5.61	5.37	8.49	Inf	16.33	23.00
6535MHz	Pass	7.84	6.01	7.13	9.59	Inf	17.43	23.00
6695MHz	Pass	7.84	5.99	6.89	9.39	Inf	17.23	23.00
6855MHz	Pass	7.84	7.03	6.34	9.63	Inf	17.47	23.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	7.84	3.44	3.14	6.30	Inf	14.14	23.00
6205MHz	Pass	7.84	3.74	3.76	6.76	Inf	14.60	23.00
6405MHz	Pass	7.84	3.48	2.53	6.01	Inf	13.85	23.00
6565MHz	Pass	7.84	3.33	3.97	6.62	Inf	14.46	23.00
6685MHz	Pass	7.84	2.85	3.58	6.19	Inf	14.03	23.00
6845MHz	Pass	7.84	3.86	3.10	6.48	Inf	14.32	23.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	7.84	1.11	0.47	3.79	Inf	11.63	23.00
6225MHz	Pass	7.84	1.17	1.25	4.20	Inf	12.04	23.00
6385MHz	Pass	7.84	1.78	0.51	4.07	Inf	11.91	23.00
6625MHz	Pass	7.84	0.23	1.15	3.68	Inf	11.52	23.00
6705MHz	Pass	7.84	0.03	0.79	3.41	Inf	11.25	23.00
6785MHz	Pass	7.84	1.17	0.29	3.76	Inf	11.60	23.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	7.84	-1.74	-2.10	1.01	Inf	8.85	23.00
6185MHz	Pass	7.84	-2.02	-1.76	1.09	Inf	8.93	23.00
6345MHz	Pass	7.84	-2.53	-2.76	0.20	Inf	8.04	23.00
6665MHz	Pass	7.84	-3.06	-1.80	0.52	Inf	8.36	23.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6195MHz

20/01/2026

CF (Hz)
6.195G

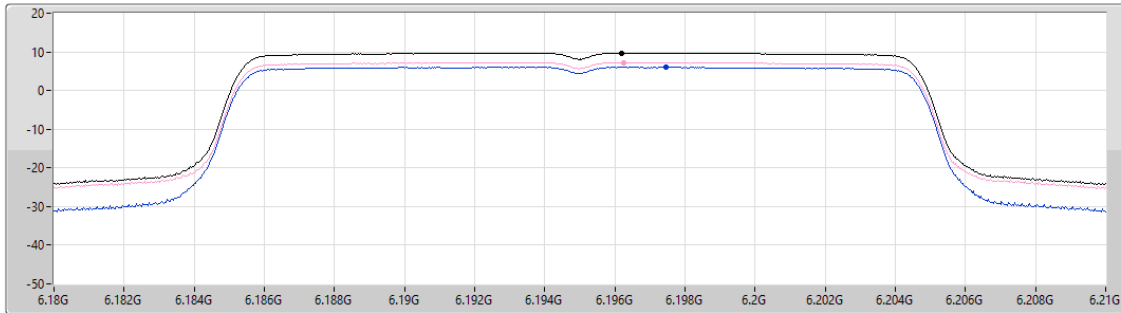
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.206

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.67	9.67	6.04	7.23

5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

6205MHz

20/01/2026

CF (Hz)
6.205G

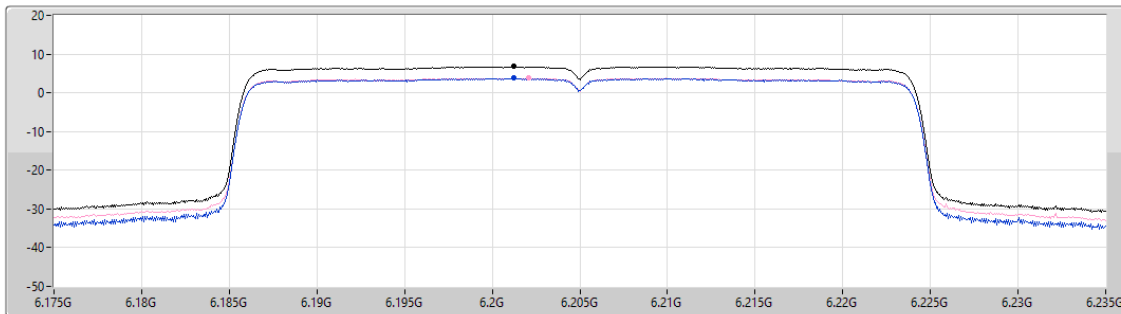
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.07

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	3.74	3.76

5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

6225MHz

20/01/2026

CF (Hz)
6.225G

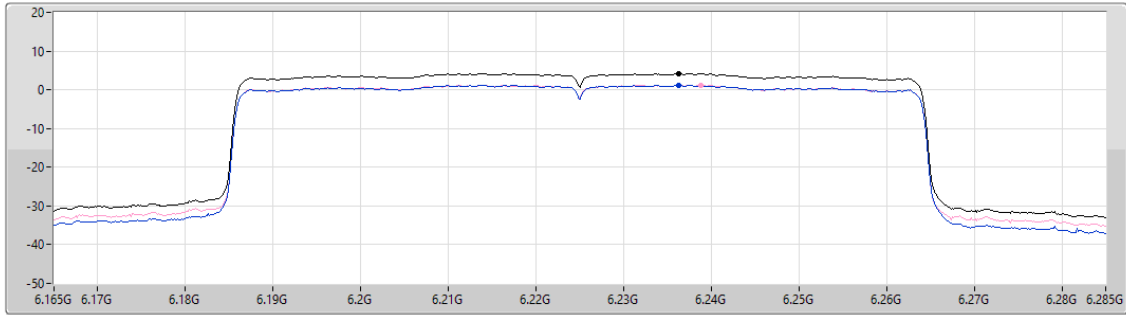
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.348

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	1.17	1.25

5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX

PSD

6185MHz

20/01/2026

CF (Hz)
6.185G

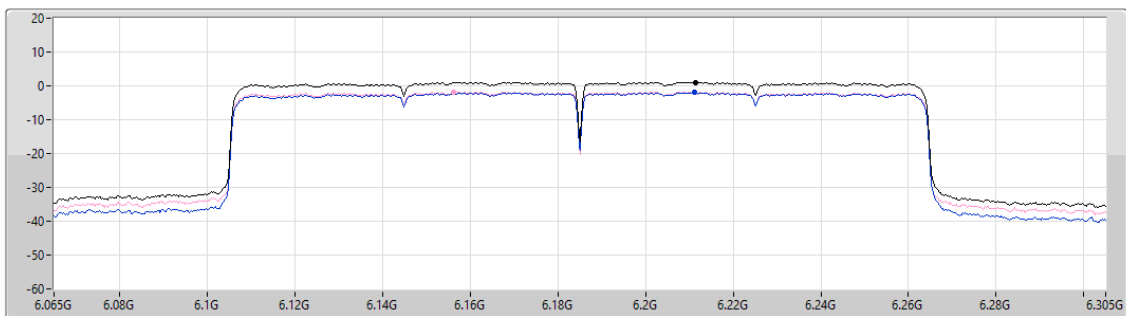
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.658

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.09	1.09	-2.02	-1.76

6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

6855MHz

20/01/2026

CF (Hz)
6.855G

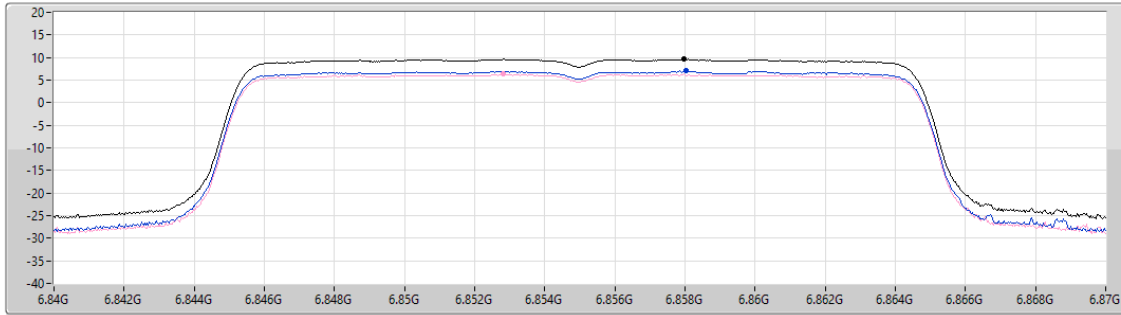
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.206

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	7.03	6.34

6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

6565MHz

20/01/2026

CF (Hz)
6.565G

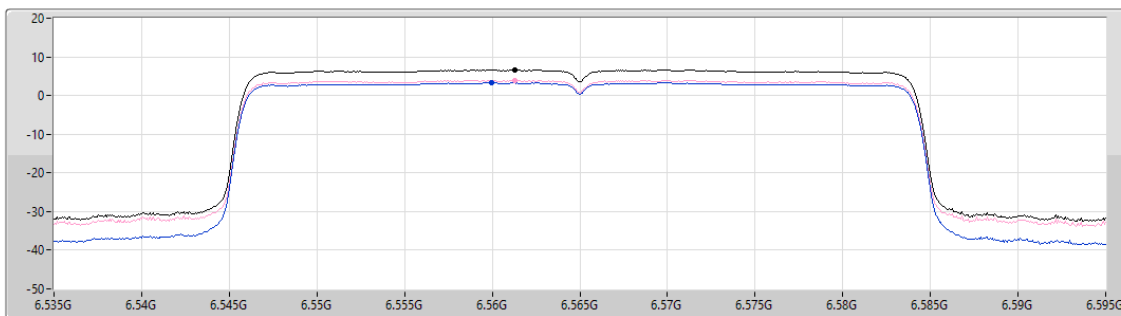
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.07

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	3.33	3.97

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

PSD

6785MHz

20/01/2026

CF (Hz)
6.785G

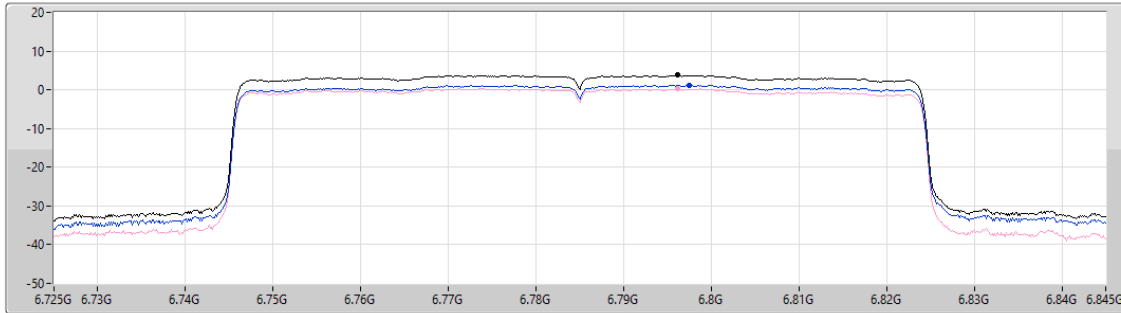
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.348

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.76	3.76	1.17	0.29

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

PSD

6665MHz

20/01/2026

CF (Hz)
6.665G

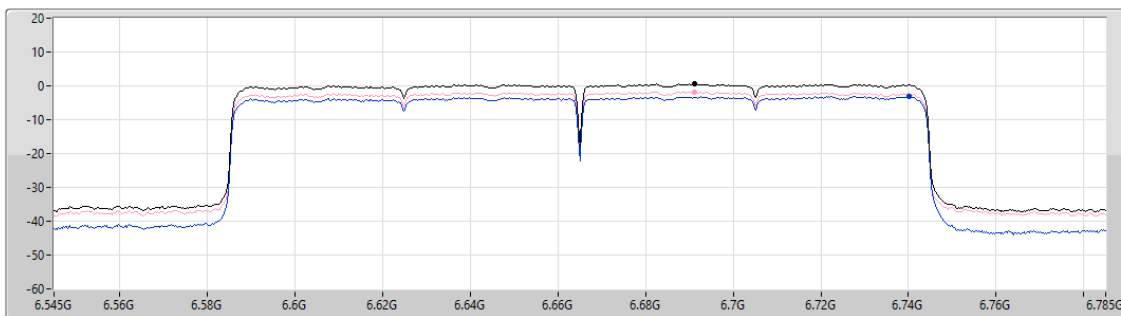
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.658

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.52	0.52	-3.06	-1.80



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.11	9.27
802.11ax HEW40_Nss1,(MCS0)_1TX	3.71	6.87
802.11ax HEW80_Nss1,(MCS0)_1TX	0.69	3.85
802.11ax HEW160_Nss1,(MCS0)_1TX	-2.01	1.15
6.525-6.875GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	5.71	8.87
802.11ax HEW40_Nss1,(MCS0)_1TX	3.16	6.32
802.11ax HEW80_Nss1,(MCS0)_1TX	0.23	3.39
802.11ax HEW160_Nss1,(MCS0)_1TX	-3.28	-0.12

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5955MHz	Pass	3.16	5.75	5.75	Inf	8.91	23.00
6195MHz	Pass	3.16	6.11	6.11	Inf	9.27	23.00
6415MHz	Pass	3.16	4.87	4.87	Inf	8.03	23.00
6535MHz	Pass	3.16	5.71	5.71	Inf	8.87	23.00
6695MHz	Pass	3.16	4.86	4.86	Inf	8.02	23.00
6855MHz	Pass	3.16	5.61	5.61	Inf	8.77	23.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5965MHz	Pass	3.16	3.27	3.27	Inf	6.43	23.00
6205MHz	Pass	3.16	3.71	3.71	Inf	6.87	23.00
6405MHz	Pass	3.16	3.01	3.01	Inf	6.17	23.00
6565MHz	Pass	3.16	2.83	2.83	Inf	5.99	23.00
6685MHz	Pass	3.16	2.34	2.34	Inf	5.50	23.00
6845MHz	Pass	3.16	3.16	3.16	Inf	6.32	23.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5985MHz	Pass	3.16	-0.29	-0.29	Inf	2.87	23.00
6225MHz	Pass	3.16	0.64	0.64	Inf	3.80	23.00
6385MHz	Pass	3.16	0.69	0.69	Inf	3.85	23.00
6625MHz	Pass	3.16	-0.45	-0.45	Inf	2.71	23.00
6705MHz	Pass	3.16	-0.60	-0.60	Inf	2.56	23.00
6785MHz	Pass	3.16	0.23	0.23	Inf	3.39	23.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
6025MHz	Pass	3.16	-3.26	-3.26	Inf	-0.10	23.00
6185MHz	Pass	3.16	-2.01	-2.01	Inf	1.15	23.00
6345MHz	Pass	3.16	-3.01	-3.01	Inf	0.15	23.00
6665MHz	Pass	3.16	-3.28	-3.28	Inf	-0.12	23.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6195MHz

20/01/2026

CF (Hz)
6.195G

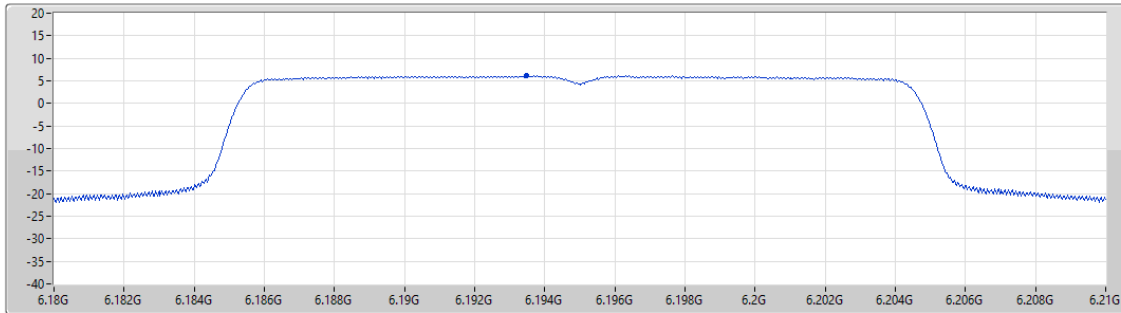
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
15.206

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.11	6.11	6.11

5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

PSD

6205MHz

20/01/2026

CF (Hz)
6.205G

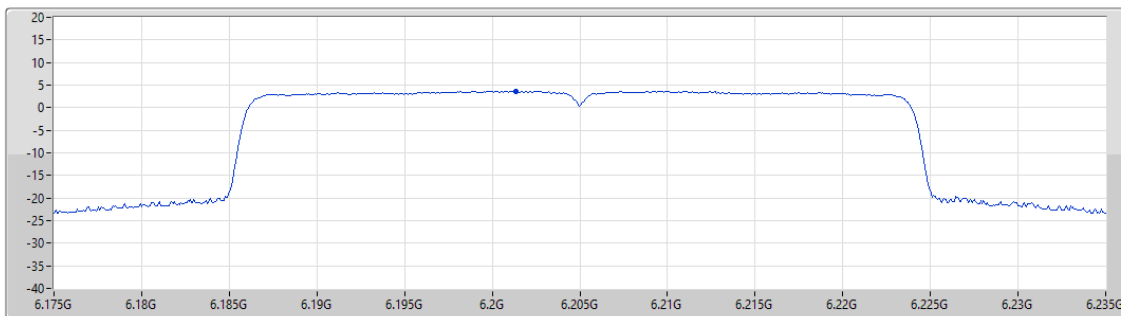
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
8.07

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.71	3.71	3.71

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

PSD

6385MHz

20/01/2026

CF (Hz)
6.385G

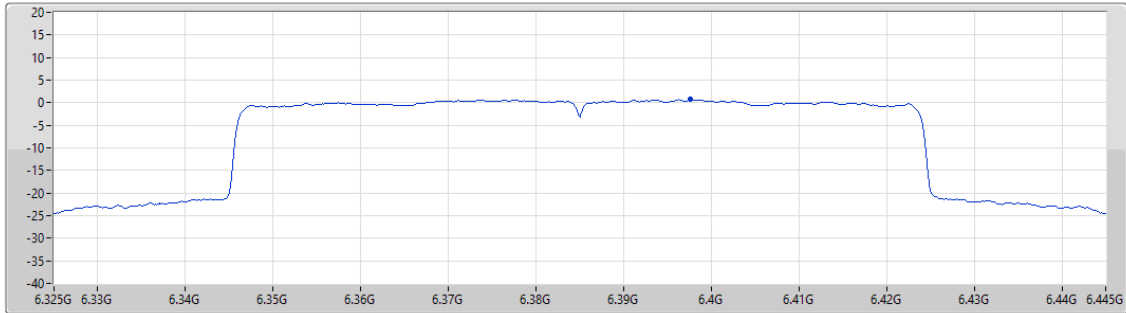
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.348

Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.69	0.69	0.69

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

PSD

6185MHz

20/01/2026

CF (Hz)
6.185G

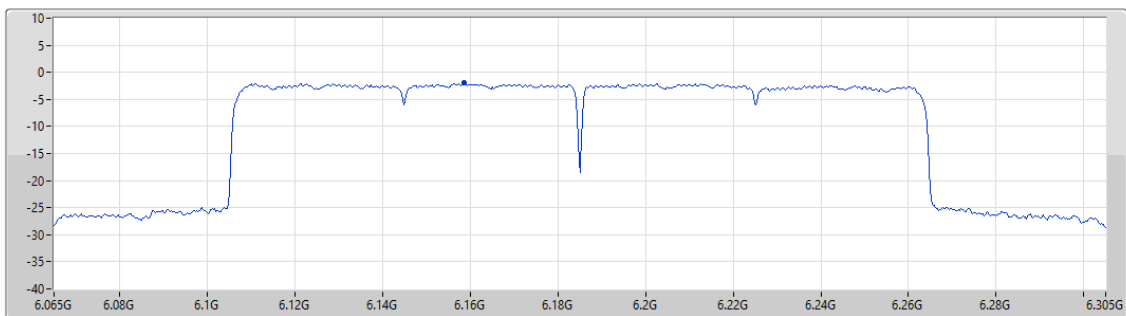
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.658

Detector Type
RMS



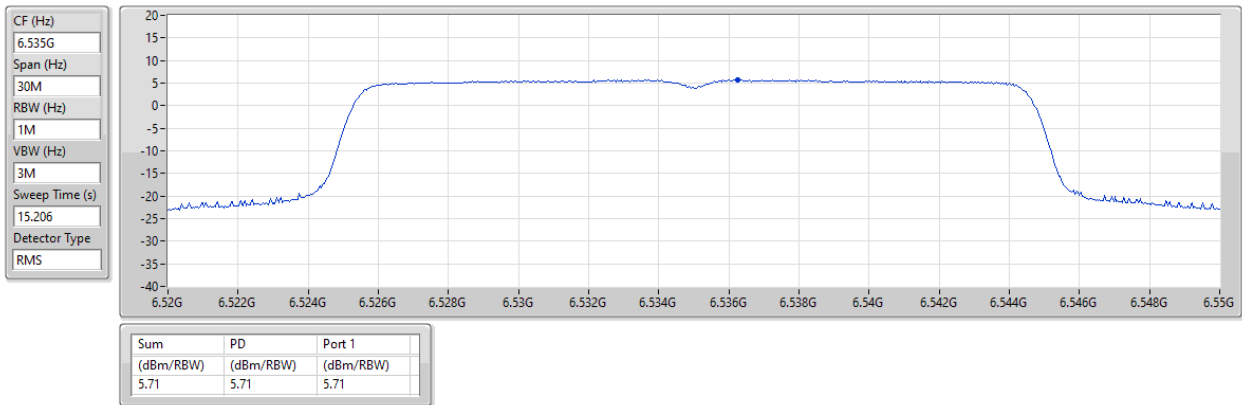
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.01	-2.01	-2.01

6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

6535MHz

20/01/2026

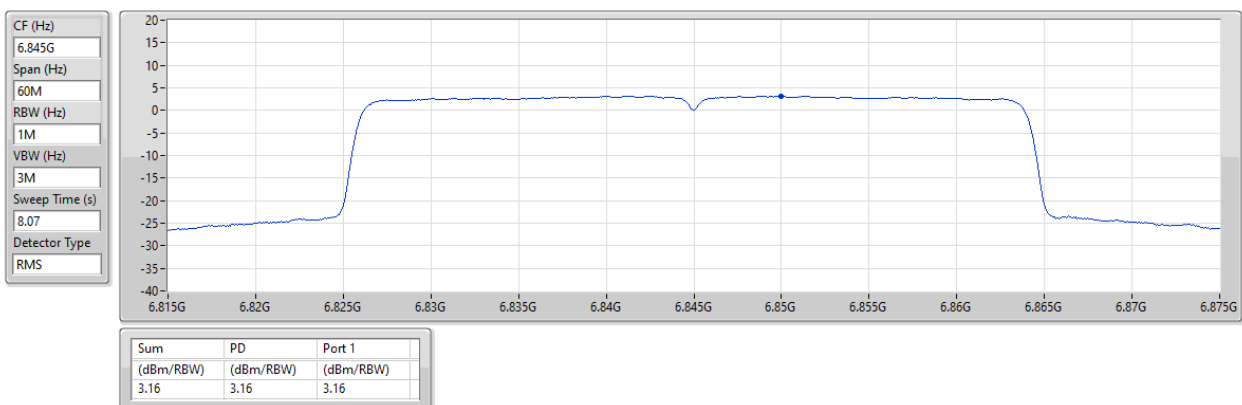


6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX

PSD

6845MHz

20/01/2026

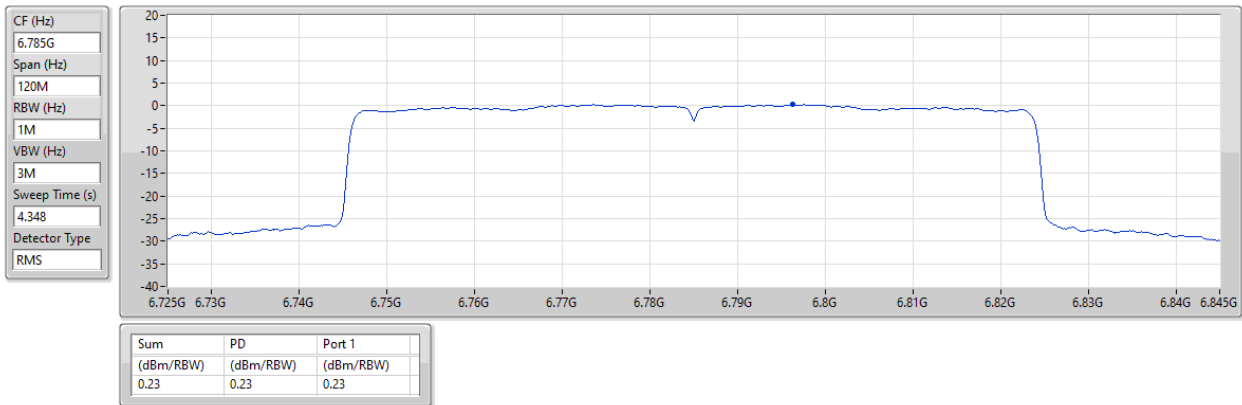


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

6785MHz

20/01/2026

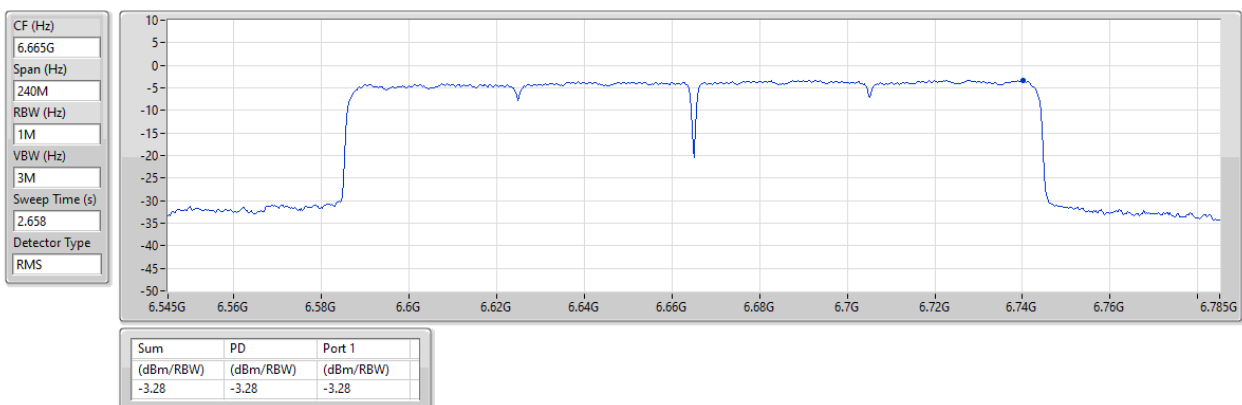


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

6665MHz

20/01/2026



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	5.953775G	3.57	5.97355G	-25.03	-20.24	-4.79	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	5.969549G	5.77	6.03005G	-39.97	-34.23	-5.74	1
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	5.9993G	2.91	6.1098G	-41.62	-37.09	-4.53	1
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.05059G	4.69	6.414G	-41.14	-35.27	-5.87	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	6.858649G	4.08	6.890625G	-42.88	-34.85	-8.03	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	6.840501G	5.10	6.9057G	-39.33	-34.89	-4.44	2
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	6.6332G	3.11	6.7416G	-40.30	-35.55	-4.75	2
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	6.73898G	3.17	6.2672G	-42.72	-36.83	-5.89	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.960924G	3.51	5.9866G	-39.92	-34.96	-4.96	1
5955MHz	Pass	5.953775G	3.57	5.97355G	-25.03	-20.24	-4.79	2
6195MHz	Pass	6.193525G	3.31	6.227775G	-45.68	-36.44	-9.24	1
6195MHz	Pass	6.190826G	4.28	6.158075G	-44.88	-35.53	-9.35	2
6415MHz	Pass	6.411776G	2.74	6.44665G	-47.03	-36.94	-10.09	1
6415MHz	Pass	6.411551G	2.16	6.38315G	-46.69	-37.48	-9.21	2
6535MHz	Pass	6.538549G	3.22	6.50265G	-46.62	-36.78	-9.84	1
6535MHz	Pass	6.527527G	4.33	6.501175G	-42.27	-33.92	-8.35	2
6695MHz	Pass	6.697224G	2.83	6.72775G	-47.06	-37.17	-9.89	1
6695MHz	Pass	6.691751G	3.81	6.732375G	-45.77	-36.19	-9.58	2
6855MHz	Pass	6.858649G	4.08	6.890625G	-42.88	-34.85	-8.03	1
6855MHz	Pass	6.851126G	3.27	6.894075G	-45.90	-36.70	-9.20	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.969549G	5.77	6.03005G	-39.97	-34.23	-5.74	1
5965MHz	Pass	5.961351G	5.35	5.99725G	-23.89	-14.70	-9.19	2
6205MHz	Pass	6.2033G	5.74	6.1437G	-42.32	-34.26	-8.06	1
6205MHz	Pass	6.20355G	5.95	6.1409G	-41.71	-34.05	-7.66	2
6405MHz	Pass	6.409749G	5.57	6.467G	-43.44	-34.43	-9.01	1
6405MHz	Pass	6.397002G	4.73	6.3442G	-42.86	-35.12	-7.74	2
6565MHz	Pass	6.561751G	5.68	6.5043G	-42.75	-34.21	-8.54	1
6565MHz	Pass	6.562601G	5.98	6.6261G	-39.63	-34.02	-5.61	2
6685MHz	Pass	6.682601G	4.93	6.7461G	-44.14	-35.07	-9.07	1
6685MHz	Pass	6.692648G	5.85	6.7458G	-41.33	-34.15	-7.18	2
6845MHz	Pass	6.850649G	5.86	6.90425G	-38.98	-33.46	-5.52	1
6845MHz	Pass	6.840501G	5.10	6.9057G	-39.33	-34.89	-4.44	2
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9993G	2.91	6.1098G	-41.62	-37.09	-4.53	1
5985MHz	Pass	5.9918G	2.48	6.0607G	-27.16	-17.95	-9.21	2
6225MHz	Pass	6.2111G	3.42	6.101G	-42.01	-36.58	-5.43	1
6225MHz	Pass	6.239G	3.32	6.104G	-41.97	-36.65	-5.32	2
6385MHz	Pass	6.3951G	3.86	6.507G	-41.35	-36.14	-5.21	1
6385MHz	Pass	6.3734G	2.39	6.2602G	-42.81	-37.61	-5.20	2
6625MHz	Pass	6.6389G	2.37	6.7477G	-44.42	-37.63	-6.79	1
6625MHz	Pass	6.6332G	3.11	6.7416G	-40.30	-35.55	-4.75	2
6705MHz	Pass	6.713G	2.03	6.8302G	-44.50	-37.97	-6.53	1
6705MHz	Pass	6.714G	2.84	6.8224G	-41.51	-36.34	-5.17	2
6785MHz	Pass	6.7955G	3.11	6.9263G	-43.02	-36.89	-6.13	1
6785MHz	Pass	6.7702G	2.54	6.9081G	-42.40	-37.46	-4.94	2
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.05059G	4.69	6.414G	-41.14	-35.27	-5.87	1
6025MHz	Pass	6.09998G	4.33	6.4238G	-41.41	-33.50	-7.91	2
6185MHz	Pass	6.15941G	4.64	6.5842G	-41.74	-31.86	-9.88	1
6185MHz	Pass	6.15701G	4.63	6.5846G	-42.04	-32.90	-9.14	2
6345MHz	Pass	6.40838G	3.71	6.7432G	-42.18	-36.25	-5.93	1
6345MHz	Pass	6.329G	3.55	6.7448G	-42.35	-34.79	-7.56	2
6665MHz	Pass	6.73898G	3.17	6.2672G	-42.72	-36.83	-5.89	1
6665MHz	Pass	6.68919G	4.43	6.2658G	-41.90	-34.13	-7.77	2

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

MASK

5955MHz_TX

20/01/2026

CF (Hz)
5.955G

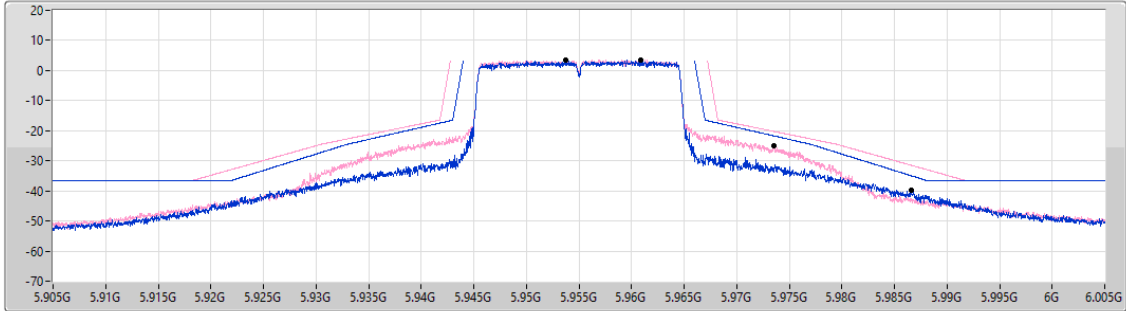
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.960924G	3.51	5.9866G	-39.92	-34.96	-4.96	1
5.953775G	3.57	5.97355G	-25.03	-20.24	-4.79	2

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

MASK

5965MHz_TX

20/01/2026

CF (Hz)
5.965G

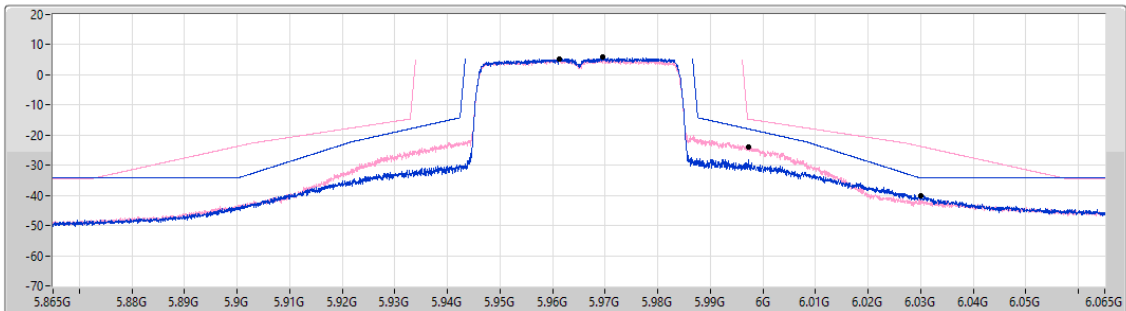
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.969549G	5.77	6.03005G	-39.97	-34.23	-5.74	1
5.961351G	5.35	5.99725G	-23.89	-14.70	-9.19	2

5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

MASK

5985MHz_TX

20/01/2026

CF (Hz)
5.985G

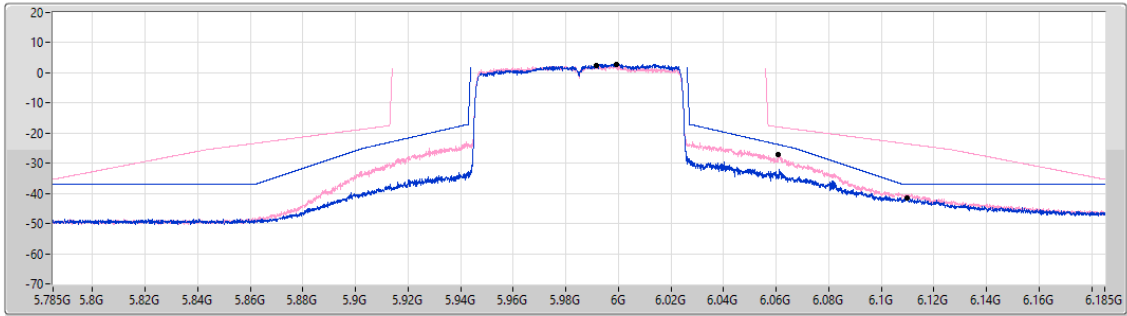
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9993G	2.91	6.1098G	-41.62	-37.09	-4.53	1
5.9918G	2.48	6.0607G	-27.16	-17.95	-9.21	2

5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_2TX

MASK

6025MHz_TX

20/01/2026

CF (Hz)
6.025G

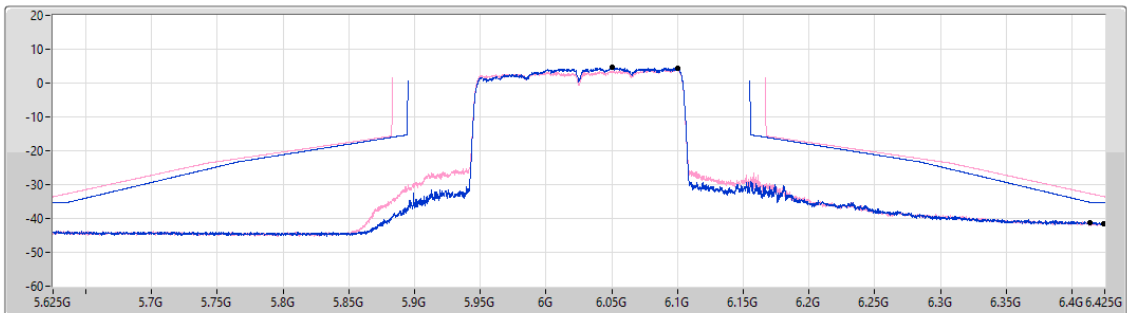
Span (Hz)
800M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.05059G	4.69	6.414G	-41.14	-35.27	-5.87	1
6.09998G	4.33	6.4238G	-41.41	-33.50	-7.91	2

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

MASK

6855MHz_TX

20/01/2026

CF (Hz)
6.855G

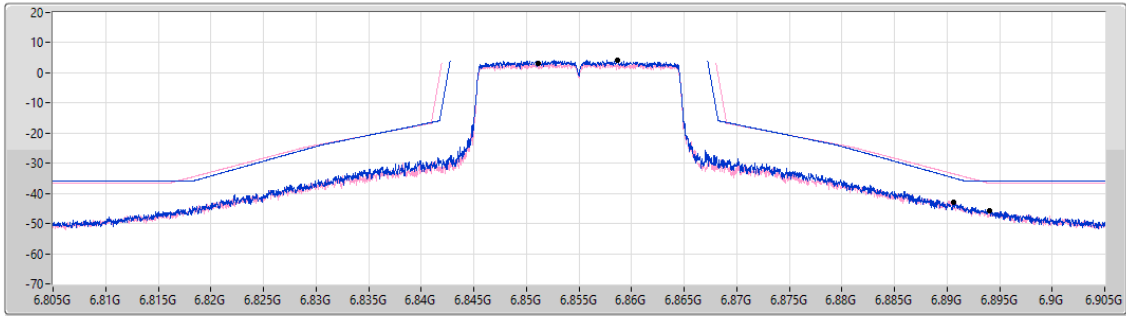
Span (Hz)
100M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.850649G	4.08	6.890625G	-42.88	-34.85	-8.03	1
6.851126G	3.27	6.894075G	-45.90	-36.70	-9.20	2

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

MASK

6845MHz_TX

20/01/2026

CF (Hz)
6.845G

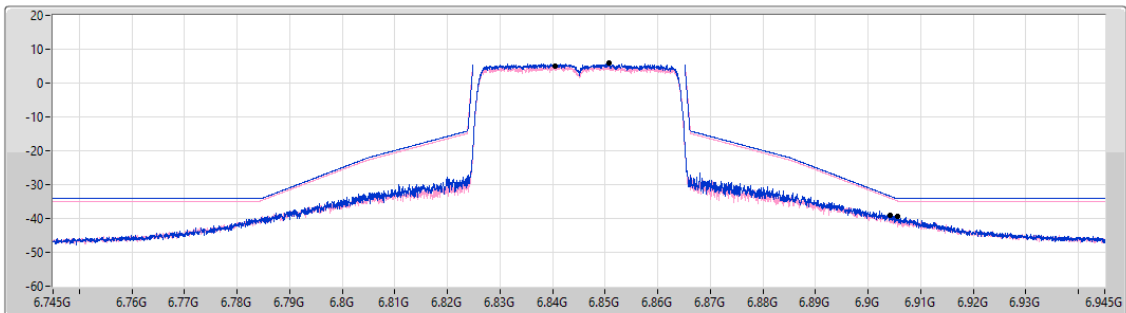
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.850649G	5.86	6.90425G	-38.98	-33.46	-5.52	1
6.840501G	5.10	6.9057G	-39.33	-34.89	-4.44	2

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

MASK

6625MHz_TX

20/01/2026

CF (Hz)
6.625G

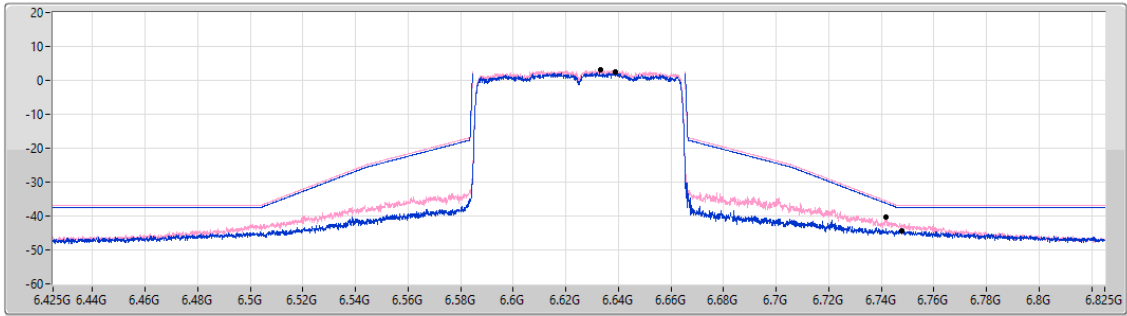
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6389G	2.37	6.7477G	-44.42	-37.63	-6.79	1
6.6332G	3.11	6.7416G	-40.30	-35.55	-4.75	2

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

MASK

6665MHz_TX

20/01/2026

CF (Hz)
6.665G

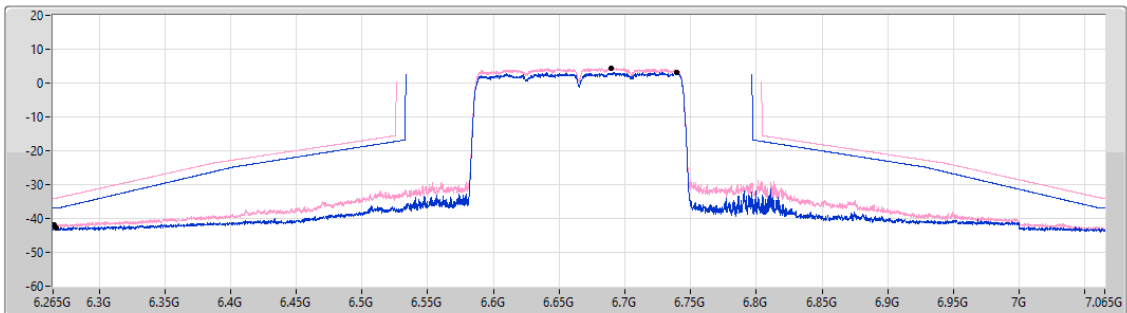
Span (Hz)
800M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4.01m

Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.73898G	3.17	6.2672G	-42.72	-36.83	-5.89	1
6.68919G	4.43	6.2658G	-41.90	-34.13	-7.77	2

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.956075G	2.96	5.988225G	-43.62	-37.04	-6.58	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	6.402551G	5.24	6.4389G	-22.57	-17.10	-5.47	1
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	5.978G	1.85	5.8586G	-42.53	-38.15	-4.38	1
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	6.15861G	4.34	6.34G	-22.64	-15.72	-6.92	1
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	6.6933G	1.85	6.727825G	-44.21	-38.15	-6.06	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	6.679651G	4.64	6.62305G	-39.70	-35.36	-4.34	1
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	6.7155G	1.47	6.8286G	-42.24	-38.53	-3.71	1
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	6.69339G	3.24	6.269G	-42.42	-31.57	-10.85	1

Result

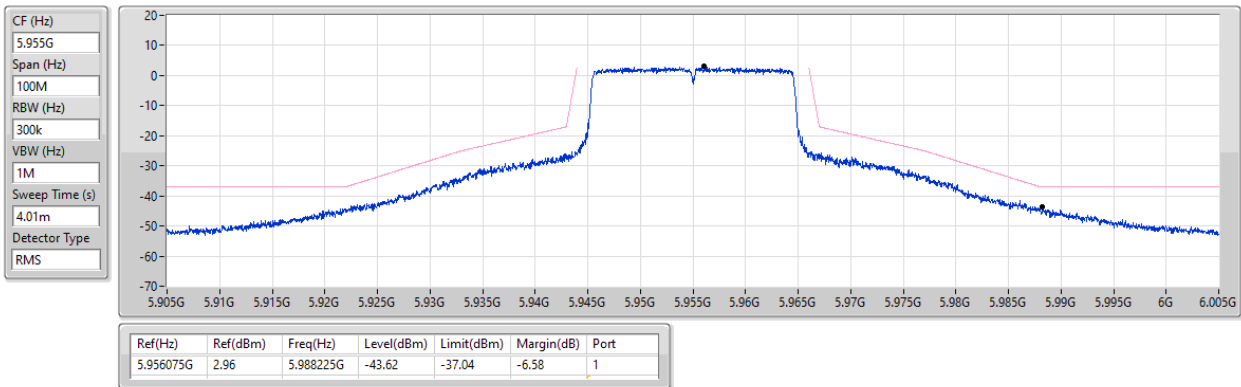
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.956075G	2.96	5.988225G	-43.62	-37.04	-6.58	1
6195MHz	Pass	6.192526G	3.16	6.17865G	-24.28	-17.44	-6.84	1
6415MHz	Pass	6.417374G	1.98	6.432G	-27.93	-19.86	-8.07	1
6535MHz	Pass	6.536325G	2.75	6.553725G	-27.35	-17.57	-9.78	1
6695MHz	Pass	6.6933G	1.85	6.727825G	-44.21	-38.15	-6.06	1
6855MHz	Pass	6.857574G	2.58	6.821675G	-43.66	-37.24	-6.42	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.968099G	5.13	5.99235G	-23.96	-15.00	-8.96	1
6205MHz	Pass	6.201101G	5.76	6.16895G	-22.41	-14.36	-8.05	1
6405MHz	Pass	6.402551G	5.24	6.4389G	-22.57	-17.10	-5.47	1
6565MHz	Pass	6.568349G	5.07	6.5925G	-21.86	-14.98	-6.88	1
6685MHz	Pass	6.679651G	4.64	6.62305G	-39.70	-35.36	-4.34	1
6845MHz	Pass	6.841501G	5.09	6.88045G	-25.39	-17.82	-7.57	1
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.978G	1.85	5.8586G	-42.53	-38.15	-4.38	1
6225MHz	Pass	6.2163G	2.70	6.3008G	-25.83	-17.94	-7.89	1
6385MHz	Pass	6.3935G	2.66	6.3009G	-25.64	-17.62	-8.02	1
6625MHz	Pass	6.6335G	1.71	6.7986G	-45.50	-38.29	-7.21	1
6705MHz	Pass	6.7155G	1.47	6.8286G	-42.24	-38.53	-3.71	1
6785MHz	Pass	6.7761G	2.20	6.9467G	-43.99	-37.80	-6.19	1
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
6025MHz	Pass	5.96841G	3.19	6.4238G	-42.14	-31.45	-10.69	1
6185MHz	Pass	6.15861G	4.34	6.34G	-22.64	-15.72	-6.92	1
6345MHz	Pass	6.32101G	3.55	6.5032G	-24.93	-16.51	-8.42	1
6665MHz	Pass	6.69339G	3.24	6.269G	-42.42	-31.57	-10.85	1

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

MASK

5955MHz_TX

20/01/2026

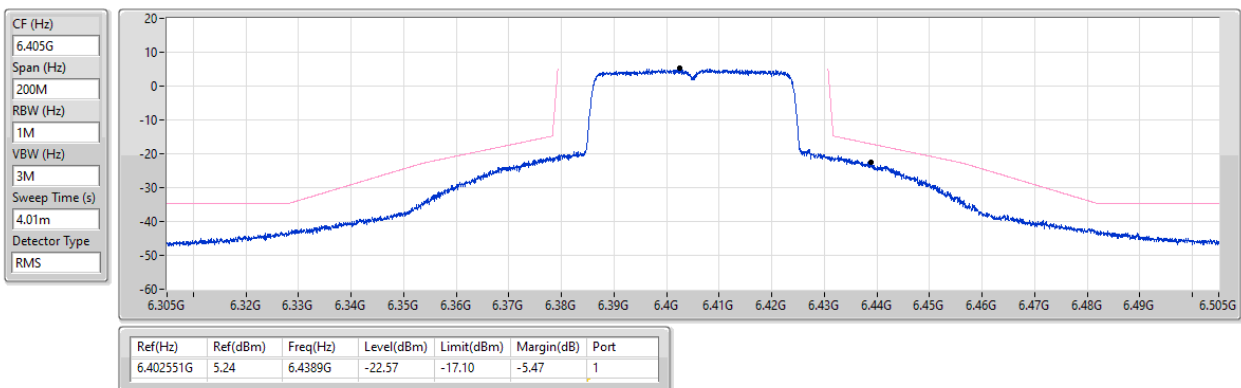


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6405MHz_TX

20/01/2026

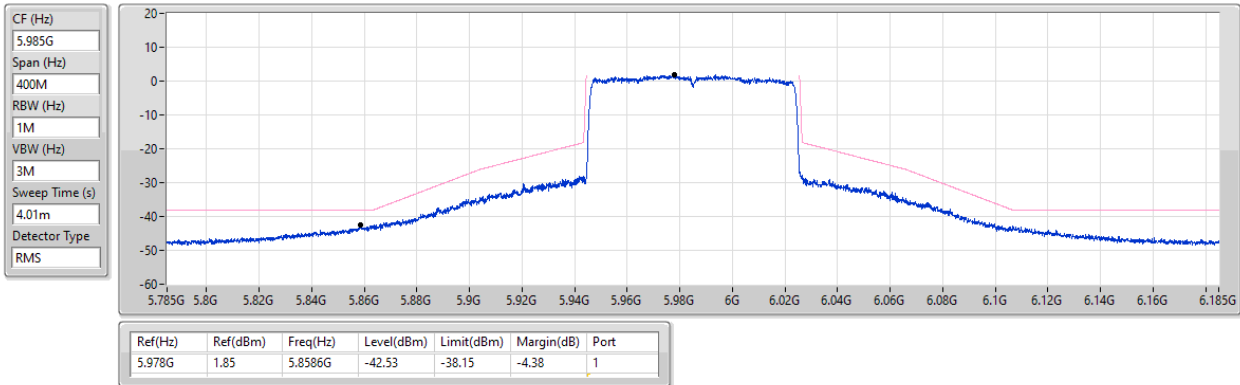


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

5985MHz_TX

20/01/2026

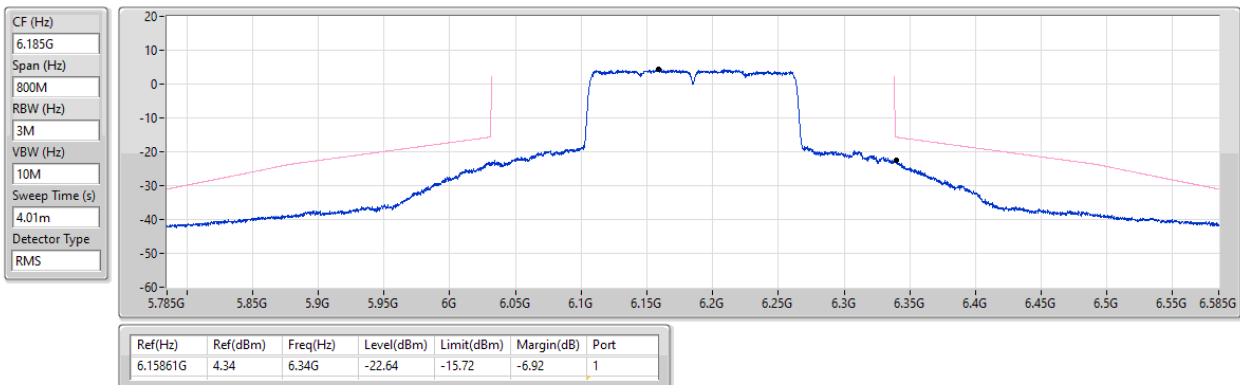


5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

MASK

6185MHz_TX

20/01/2026

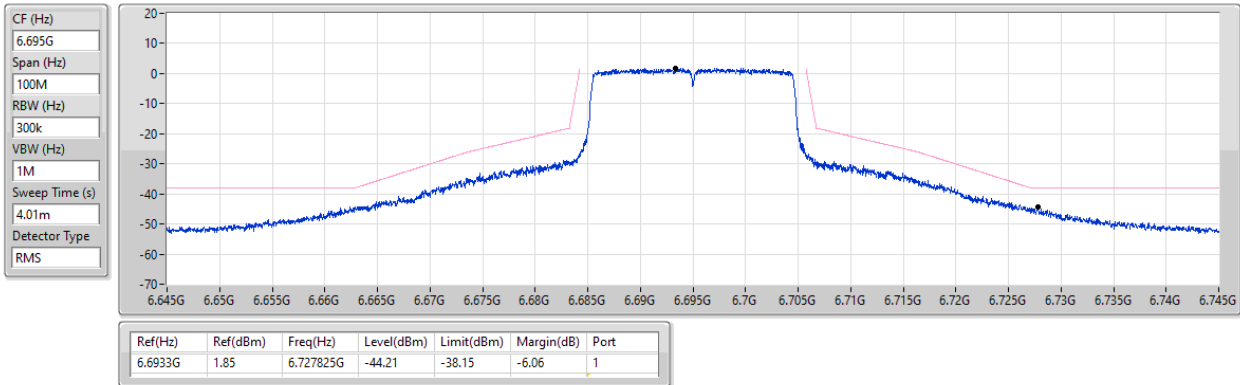


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

MASK

6695MHz_TX

20/01/2026

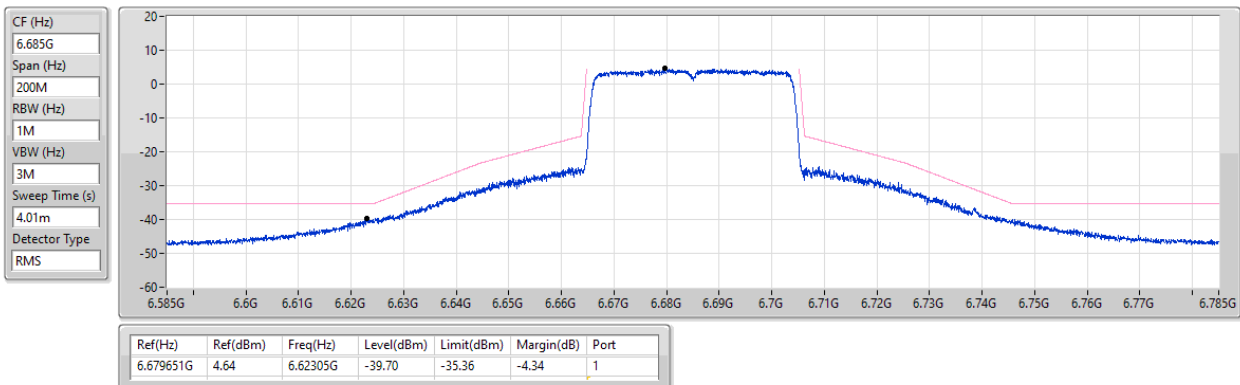


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

MASK

6685MHz_TX

20/01/2026

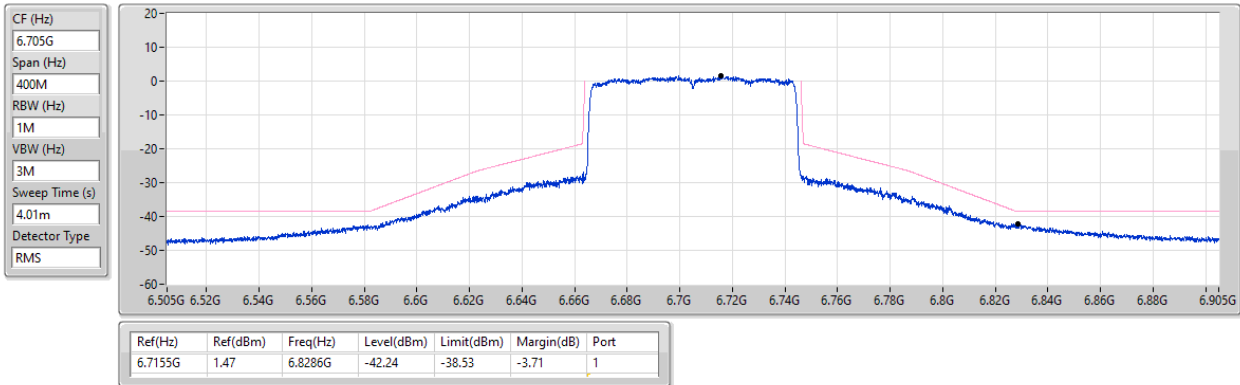


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

MASK

6705MHz_TX

20/01/2026

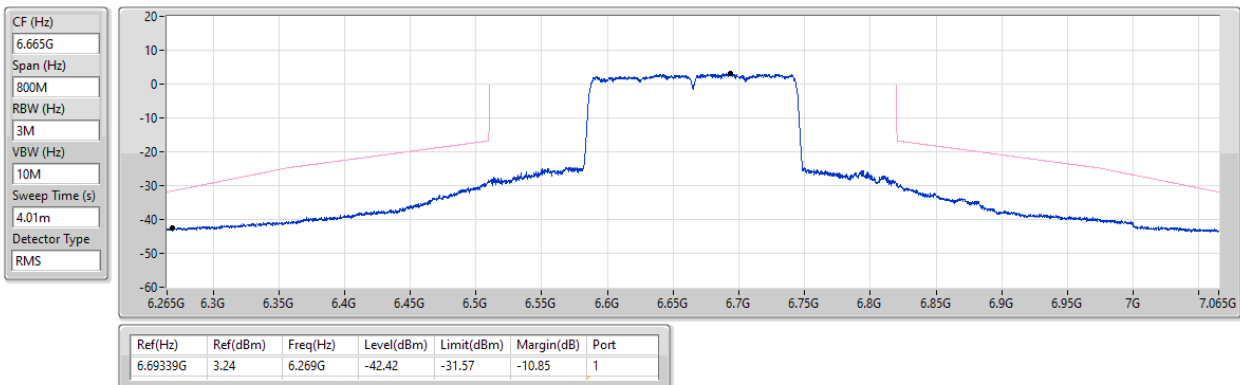


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

MASK

6665MHz_TX

20/01/2026



**Summary**

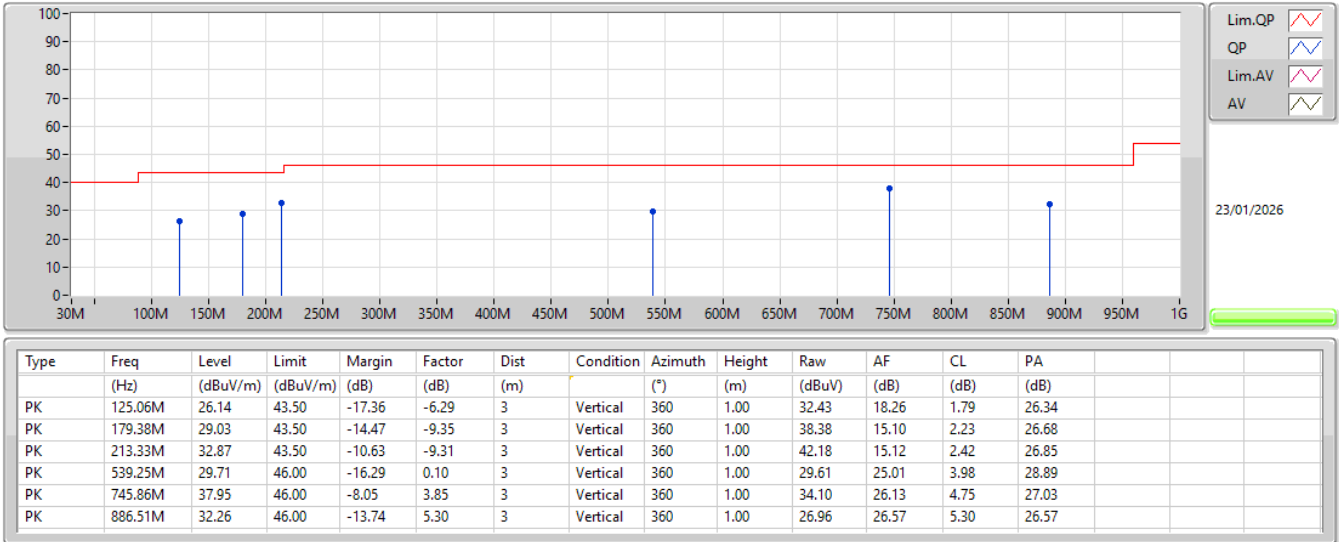
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	PK	214.3M	36.40	43.50	-7.10	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	PK	125.06M	26.14	43.50	-17.36	3	Vertical	360	1.00
6185MHz	Pass	PK	179.38M	29.03	43.50	-14.47	3	Vertical	360	1.00
6185MHz	Pass	PK	213.33M	32.87	43.50	-10.63	3	Vertical	360	1.00
6185MHz	Pass	PK	539.25M	29.71	46.00	-16.29	3	Vertical	360	1.00
6185MHz	Pass	PK	745.86M	37.95	46.00	-8.05	3	Vertical	360	1.00
6185MHz	Pass	PK	886.51M	32.26	46.00	-13.74	3	Vertical	360	1.00
6185MHz	Pass	PK	122.15M	28.85	43.50	-14.65	3	Horizontal	0	1.00
6185MHz	Pass	PK	214.3M	36.40	43.50	-7.10	3	Horizontal	0	1.00
6185MHz	Pass	PK	433.52M	32.54	46.00	-13.46	3	Horizontal	0	1.00
6185MHz	Pass	PK	571.26M	29.33	46.00	-16.67	3	Horizontal	0	1.00
6185MHz	Pass	PK	745.86M	35.95	46.00	-10.05	3	Horizontal	0	1.00
6185MHz	Pass	PK	951.5M	33.37	46.00	-12.63	3	Horizontal	0	1.00

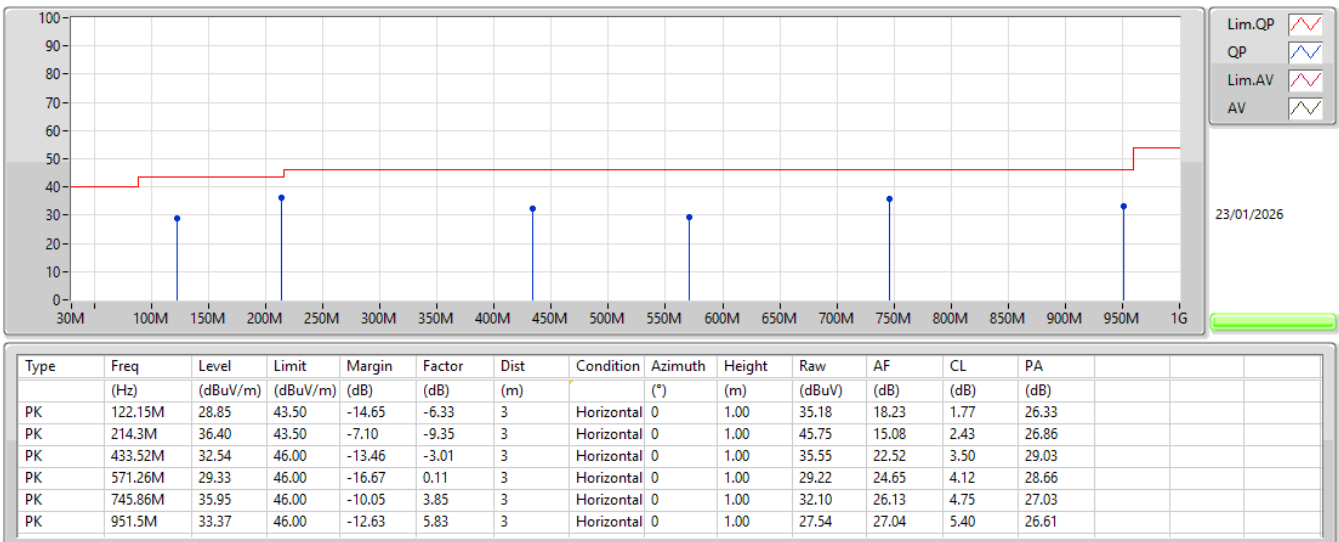
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6185MHz_TX



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

6185MHz_TX



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.925G	59.23	68.20	-8.97	3	Horizontal	34	1.02
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.9245G	65.14	68.20	-3.06	3	Horizontal	34	1.21
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.925G	66.32	68.20	-1.88	3	Horizontal	35	2.26
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	AV	5.924G	64.51	68.20	-3.69	3	Horizontal	40	1.52
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	13.3993G	45.26	54.00	-8.74	3	Vertical	233	1.09
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	13.39784G	45.36	54.00	-8.64	3	Vertical	309	1.50
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	13.4328G	45.86	68.20	-22.34	3	Vertical	66	1.99
802.11ax HEW160_Nss1,(MCS0)_2TX	Pass	PK	13.37944G	58.89	74.00	-15.11	3	Vertical	93	1.28

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9241G	56.59	68.20	-11.61	3	Vertical	21	1.80
5955MHz	Pass	AV	5.9535G	102.41	Inf	-Inf	3	Vertical	21	1.80
5955MHz	Pass	PK	5.922G	69.69	88.20	-18.51	3	Vertical	21	1.80
5955MHz	Pass	PK	5.9559G	112.68	Inf	-Inf	3	Vertical	21	1.80
5955MHz	Pass	AV	5.925G	59.23	68.20	-8.97	3	Horizontal	34	1.02
5955MHz	Pass	AV	5.9523G	105.17	Inf	-Inf	3	Horizontal	34	1.02
5955MHz	Pass	PK	5.925G	73.37	88.20	-14.83	3	Horizontal	34	1.02
5955MHz	Pass	PK	5.9523G	116.67	Inf	-Inf	3	Horizontal	34	1.02
5955MHz	Pass	AV	11.89842G	43.35	54.00	-10.65	3	Vertical	135	1.50
5955MHz	Pass	PK	11.90298G	56.43	74.00	-17.57	3	Vertical	135	1.50
5955MHz	Pass	AV	11.8977G	43.37	54.00	-10.63	3	Horizontal	41	1.50
5955MHz	Pass	PK	11.90778G	56.88	74.00	-17.12	3	Horizontal	41	1.50
6195MHz	Pass	AV	12.38172G	44.41	54.00	-9.59	3	Vertical	19	1.50
6195MHz	Pass	PK	12.3867G	57.73	74.00	-16.27	3	Vertical	19	1.50
6195MHz	Pass	AV	12.38082G	44.40	54.00	-9.60	3	Horizontal	233	1.50
6195MHz	Pass	PK	12.38112G	57.52	74.00	-16.48	3	Horizontal	233	1.50
6415MHz	Pass	AV	12.82604G	44.83	68.20	-23.37	3	Vertical	123	1.50
6415MHz	Pass	PK	12.82244G	58.24	88.20	-29.96	3	Vertical	123	1.50
6415MHz	Pass	AV	12.82574G	44.82	68.20	-23.38	3	Horizontal	58	2.59
6415MHz	Pass	PK	12.8189G	58.04	88.20	-30.16	3	Horizontal	58	2.59
6535MHz	Pass	AV	13.0562G	45.12	68.20	-23.08	3	Vertical	58	1.50
6535MHz	Pass	PK	13.07948G	58.30	88.20	-29.90	3	Vertical	58	1.50
6535MHz	Pass	AV	13.05716G	45.14	68.20	-23.06	3	Horizontal	14	1.50
6535MHz	Pass	PK	13.05812G	58.76	88.20	-29.44	3	Horizontal	14	1.50
6695MHz	Pass	AV	13.3993G	45.26	54.00	-8.74	3	Vertical	233	1.09
6695MHz	Pass	PK	13.39738G	58.27	74.00	-15.73	3	Vertical	233	1.09
6695MHz	Pass	AV	13.4002G	45.28	68.20	-22.92	3	Horizontal	32	1.50
6695MHz	Pass	PK	13.40194G	58.75	88.20	-29.45	3	Horizontal	32	1.50
6855MHz	Pass	AV	13.71606G	45.50	68.20	-22.70	3	Vertical	219	1.50
6855MHz	Pass	PK	13.7106G	59.80	88.20	-28.40	3	Vertical	219	1.50
6855MHz	Pass	AV	13.71702G	45.53	68.20	-22.67	3	Horizontal	45	1.50
6855MHz	Pass	PK	13.71216G	58.75	88.20	-29.45	3	Horizontal	45	1.50
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9236G	61.54	68.20	-6.66	3	Vertical	20	1.76
5965MHz	Pass	AV	5.9686G	99.73	Inf	-Inf	3	Vertical	20	1.76
5965MHz	Pass	PK	5.9233G	74.51	88.20	-13.69	3	Vertical	20	1.76
5965MHz	Pass	PK	5.9638G	109.77	Inf	-Inf	3	Vertical	20	1.76
5965MHz	Pass	AV	5.9245G	65.14	68.20	-3.06	3	Horizontal	34	1.21
5965MHz	Pass	AV	5.9719G	102.18	Inf	-Inf	3	Horizontal	34	1.21
5965MHz	Pass	PK	5.9245G	79.20	88.20	-9.00	3	Horizontal	34	1.21
5965MHz	Pass	PK	5.9599G	112.54	Inf	-Inf	3	Horizontal	34	1.21
5965MHz	Pass	AV	11.9324G	44.78	54.00	-9.22	3	Vertical	150	2.53
5965MHz	Pass	PK	11.91572G	56.48	74.00	-17.52	3	Vertical	150	2.53
5965MHz	Pass	AV	11.92004G	44.86	54.00	-9.14	3	Horizontal	153	1.50
5965MHz	Pass	PK	11.90948G	56.95	74.00	-17.05	3	Horizontal	153	1.50
6205MHz	Pass	AV	12.38216G	44.35	54.00	-9.65	3	Vertical	102	2.74
6205MHz	Pass	PK	12.42872G	57.78	74.00	-16.22	3	Vertical	102	2.74
6205MHz	Pass	AV	12.38096G	44.35	54.00	-9.65	3	Horizontal	357	1.50
6205MHz	Pass	PK	12.41G	57.19	74.00	-16.81	3	Horizontal	357	1.50
6405MHz	Pass	AV	12.82752G	44.82	68.20	-23.38	3	Vertical	301	1.50
6405MHz	Pass	PK	12.79392G	57.77	88.20	-30.43	3	Vertical	301	1.50
6405MHz	Pass	AV	12.82392G	44.81	68.20	-23.39	3	Horizontal	134	1.66
6405MHz	Pass	PK	12.82836G	57.73	88.20	-30.47	3	Horizontal	134	1.66
6565MHz	Pass	AV	13.14848G	45.13	68.20	-23.07	3	Vertical	0	1.50
6565MHz	Pass	PK	13.13972G	58.50	88.20	-29.70	3	Vertical	0	1.50
6565MHz	Pass	AV	13.15244G	45.12	68.20	-23.08	3	Horizontal	3	2.88
6565MHz	Pass	PK	13.12364G	58.48	88.20	-29.72	3	Horizontal	3	2.88
6685MHz	Pass	AV	13.39784G	45.36	54.00	-8.64	3	Vertical	309	1.50
6685MHz	Pass	PK	13.39304G	58.38	74.00	-15.62	3	Vertical	309	1.50
6685MHz	Pass	AV	13.39808G	45.35	54.00	-8.65	3	Horizontal	329	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6685MHz	Pass	PK	13.39412G	58.18	74.00	-15.82	3	Horizontal	329	1.50
6845MHz	Pass	AV	13.71184G	45.67	68.20	-22.53	3	Vertical	25	1.50
6845MHz	Pass	PK	13.66216G	59.45	88.20	-28.75	3	Vertical	25	1.50
6845MHz	Pass	AV	13.71292G	45.59	68.20	-22.61	3	Horizontal	260	1.50
6845MHz	Pass	PK	13.71616G	58.71	88.20	-29.49	3	Horizontal	260	1.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.924G	63.25	68.20	-4.95	3	Vertical	20	1.68
5985MHz	Pass	AV	5.9985G	97.02	Inf	-Inf	3	Vertical	20	1.68
5985MHz	Pass	PK	5.924G	77.35	88.20	-10.85	3	Vertical	20	1.68
5985MHz	Pass	PK	5.9985G	107.12	Inf	-Inf	3	Vertical	20	1.68
5985MHz	Pass	AV	5.925G	66.32	68.20	-1.88	3	Horizontal	35	2.26
5985MHz	Pass	AV	5.9975G	99.64	Inf	-Inf	3	Horizontal	35	2.26
5985MHz	Pass	PK	5.92G	82.01	88.20	-6.19	3	Horizontal	35	2.26
5985MHz	Pass	PK	5.9755G	109.59	Inf	-Inf	3	Horizontal	35	2.26
5985MHz	Pass	AV	12.02856G	45.35	54.00	-8.65	3	Vertical	254	2.29
5985MHz	Pass	PK	11.98296G	56.97	74.00	-17.03	3	Vertical	254	2.29
5985MHz	Pass	AV	12.0288G	45.52	54.00	-8.48	3	Horizontal	118	2.32
5985MHz	Pass	PK	11.96184G	56.74	74.00	-17.26	3	Horizontal	118	2.32
6225MHz	Pass	AV	12.50376G	44.44	54.00	-9.56	3	Vertical	331	2.64
6225MHz	Pass	PK	12.49968G	57.08	74.00	-16.92	3	Vertical	331	2.64
6225MHz	Pass	AV	12.5064G	44.42	54.00	-9.58	3	Horizontal	95	1.04
6225MHz	Pass	PK	12.4632G	57.17	74.00	-16.83	3	Horizontal	95	1.04
6385MHz	Pass	AV	12.82256G	44.87	68.20	-23.33	3	Vertical	308	1.50
6385MHz	Pass	PK	12.75656G	57.85	88.20	-30.35	3	Vertical	308	1.50
6385MHz	Pass	AV	12.82376G	44.89	68.20	-23.31	3	Horizontal	304	1.50
6385MHz	Pass	PK	12.78848G	58.14	88.20	-30.06	3	Horizontal	304	1.50
6625MHz	Pass	AV	13.1924G	45.05	68.20	-23.15	3	Vertical	4	1.50
6625MHz	Pass	PK	13.19888G	57.74	88.20	-30.46	3	Vertical	4	1.50
6625MHz	Pass	AV	13.20608G	45.03	68.20	-23.17	3	Horizontal	275	1.50
6625MHz	Pass	PK	13.20896G	58.13	88.20	-30.07	3	Horizontal	275	1.50
6705MHz	Pass	AV	13.4328G	45.86	68.20	-22.34	3	Vertical	66	1.99
6705MHz	Pass	PK	13.4076G	58.52	88.20	-29.68	3	Vertical	66	1.99
6705MHz	Pass	AV	13.43304G	45.83	68.20	-22.37	3	Horizontal	357	2.79
6705MHz	Pass	PK	13.42776G	58.74	88.20	-29.46	3	Horizontal	357	2.79
6785MHz	Pass	AV	13.55224G	45.81	68.20	-22.39	3	Vertical	352	1.50
6785MHz	Pass	PK	13.5424G	58.94	88.20	-29.26	3	Vertical	352	1.50
6785MHz	Pass	AV	13.55272G	45.80	68.20	-22.40	3	Horizontal	284	1.47
6785MHz	Pass	PK	13.56184G	59.04	88.20	-29.16	3	Horizontal	284	1.47
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.922G	62.61	68.20	-5.59	3	Vertical	29	2.45
6025MHz	Pass	AV	6.0985G	94.74	Inf	-Inf	3	Vertical	29	2.45
6025MHz	Pass	PK	5.914G	78.07	88.20	-10.13	3	Vertical	29	2.45
6025MHz	Pass	PK	6.064G	104.46	Inf	-Inf	3	Vertical	29	2.45
6025MHz	Pass	AV	5.924G	64.51	68.20	-3.69	3	Horizontal	40	1.52
6025MHz	Pass	AV	6.0805G	96.89	Inf	-Inf	3	Horizontal	40	1.52
6025MHz	Pass	PK	5.917G	79.25	88.20	-8.95	3	Horizontal	40	1.52
6025MHz	Pass	PK	6.0705G	107.17	Inf	-Inf	3	Horizontal	40	1.52
6025MHz	Pass	AV	12.12728G	46.22	54.00	-7.78	3	Vertical	262	1.50
6025MHz	Pass	PK	11.98808G	56.88	74.00	-17.12	3	Vertical	262	1.50
6025MHz	Pass	AV	12.12824G	46.29	54.00	-7.71	3	Horizontal	211	1.50
6025MHz	Pass	PK	12.01688G	57.10	74.00	-16.90	3	Horizontal	211	1.50
6185MHz	Pass	AV	12.47224G	44.66	54.00	-9.34	3	Vertical	56	1.50
6185MHz	Pass	PK	12.47368G	57.49	74.00	-16.51	3	Vertical	56	1.50
6185MHz	Pass	AV	12.46936G	44.65	54.00	-9.35	3	Horizontal	147	1.50
6185MHz	Pass	PK	12.4708G	57.76	74.00	-16.24	3	Horizontal	147	1.50
6345MHz	Pass	AV	12.62184G	44.80	54.00	-9.20	3	Vertical	70	2.08
6345MHz	Pass	PK	12.68664G	57.70	74.00	-16.30	3	Vertical	70	2.08
6345MHz	Pass	AV	12.62424G	44.79	54.00	-9.21	3	Horizontal	73	1.50
6345MHz	Pass	PK	12.62328G	57.87	74.00	-16.13	3	Horizontal	73	1.50
6665MHz	Pass	AV	13.4332G	45.85	68.20	-22.35	3	Vertical	93	1.28
6665MHz	Pass	PK	13.37944G	58.89	74.00	-15.11	3	Vertical	93	1.28
6665MHz	Pass	AV	13.43128G	45.85	68.20	-22.35	3	Horizontal	220	1.18



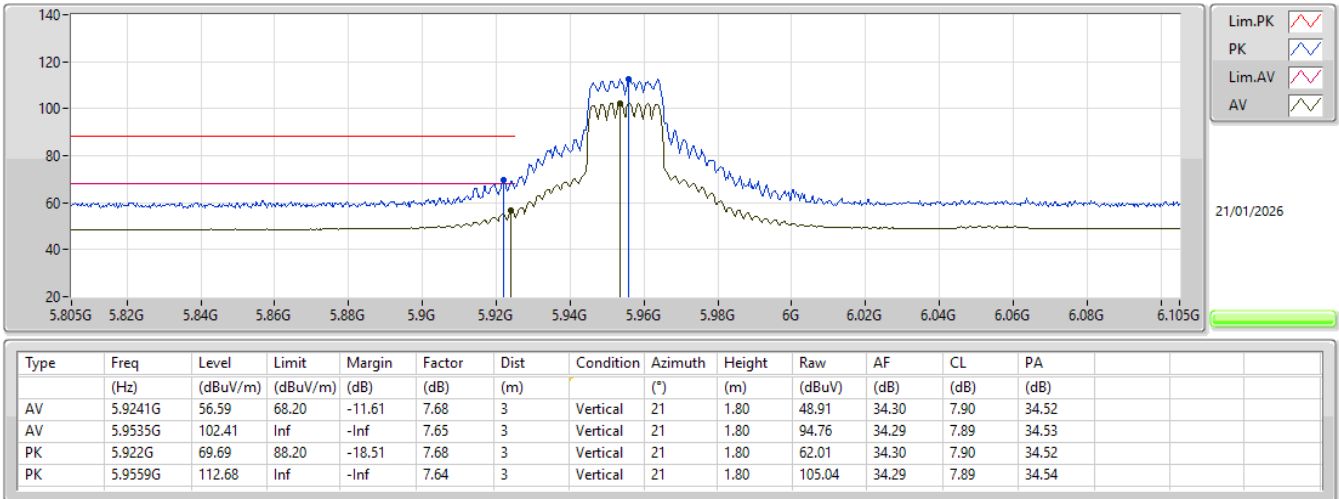
RSE TX above 1GHz_Non-Beamforming_Radio 1

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6665MHz	Pass	PK	13.41064G	58.89	88.20	-29.31	3	Horizontal	220	1.18

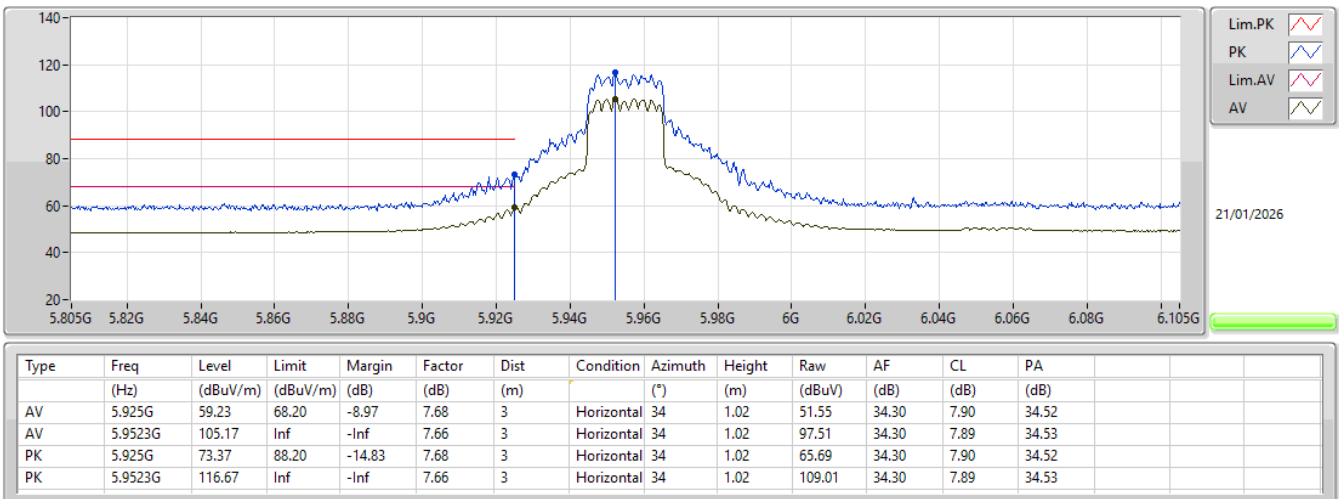
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX



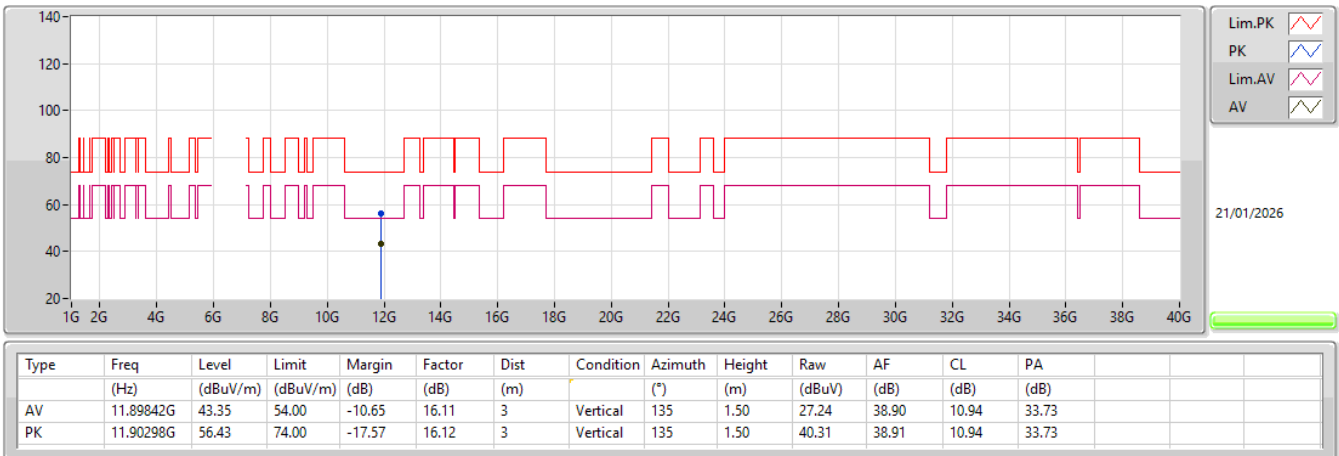
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX



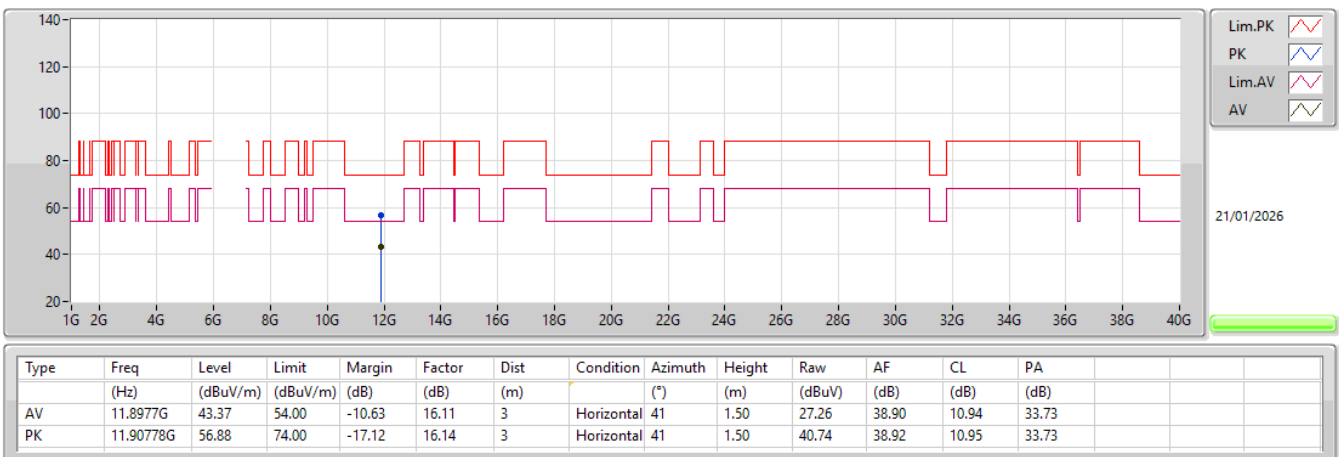
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5955MHz_TX



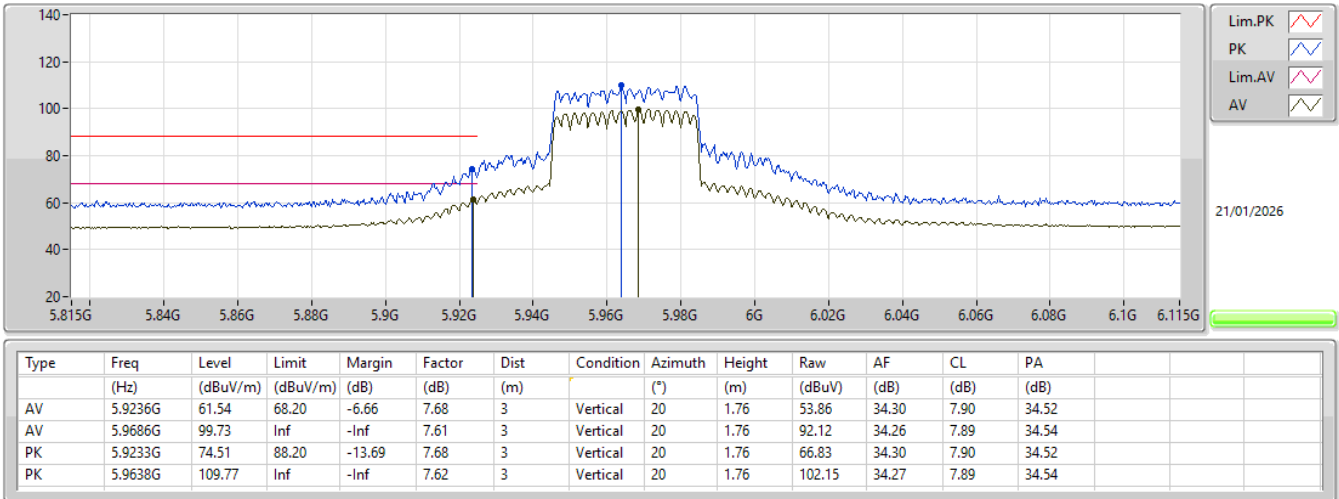
5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5955MHz_TX



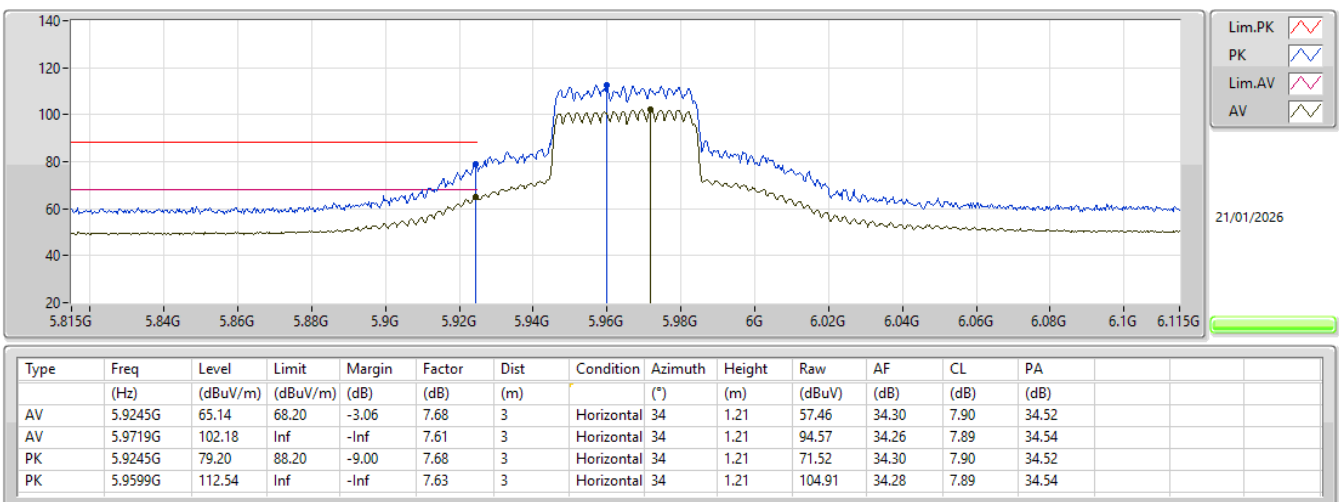
5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5965MHz_TX



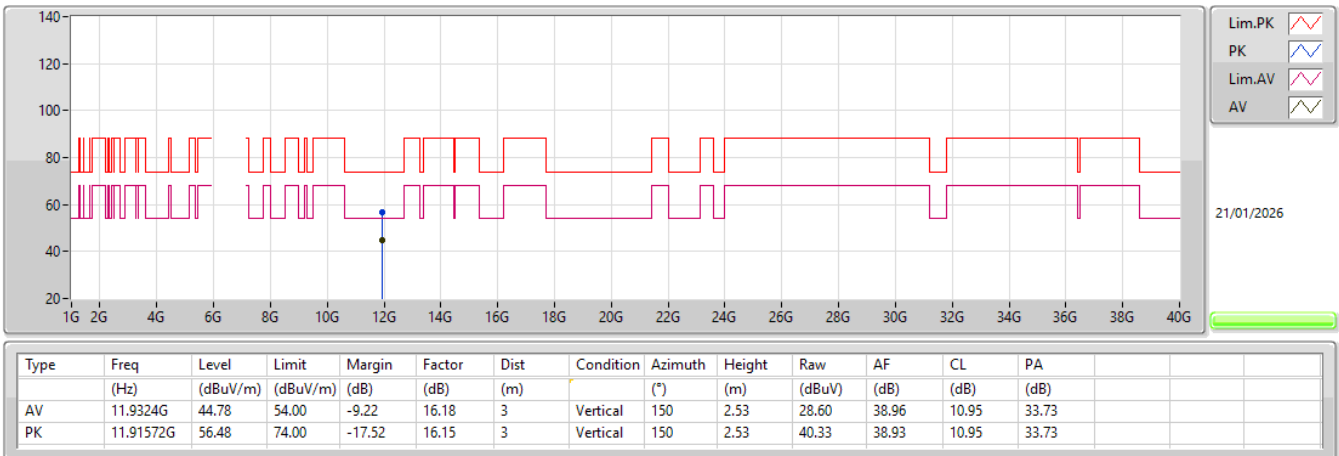
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5965MHz_TX



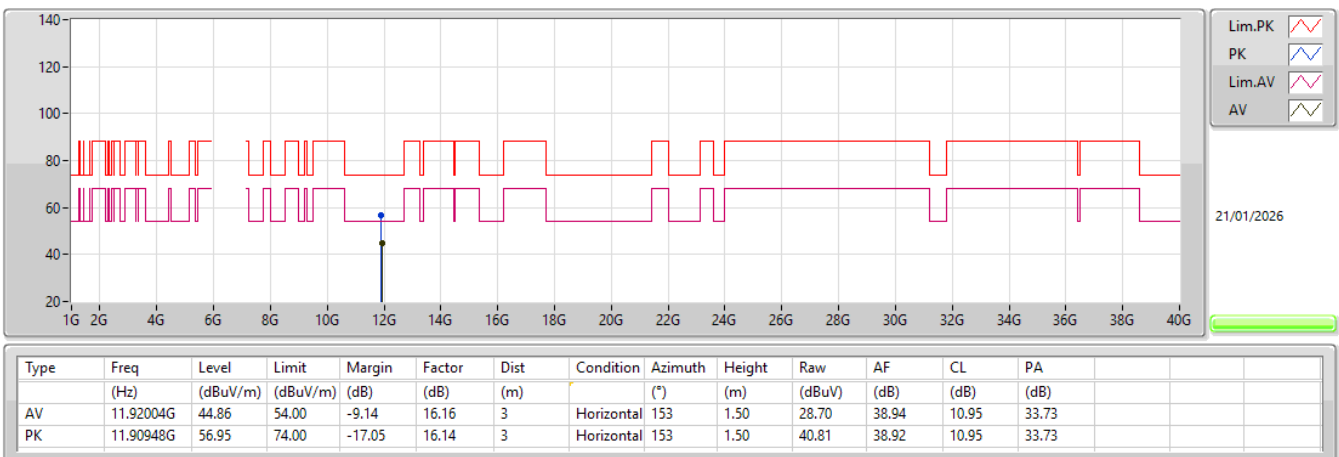
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5965MHz_TX



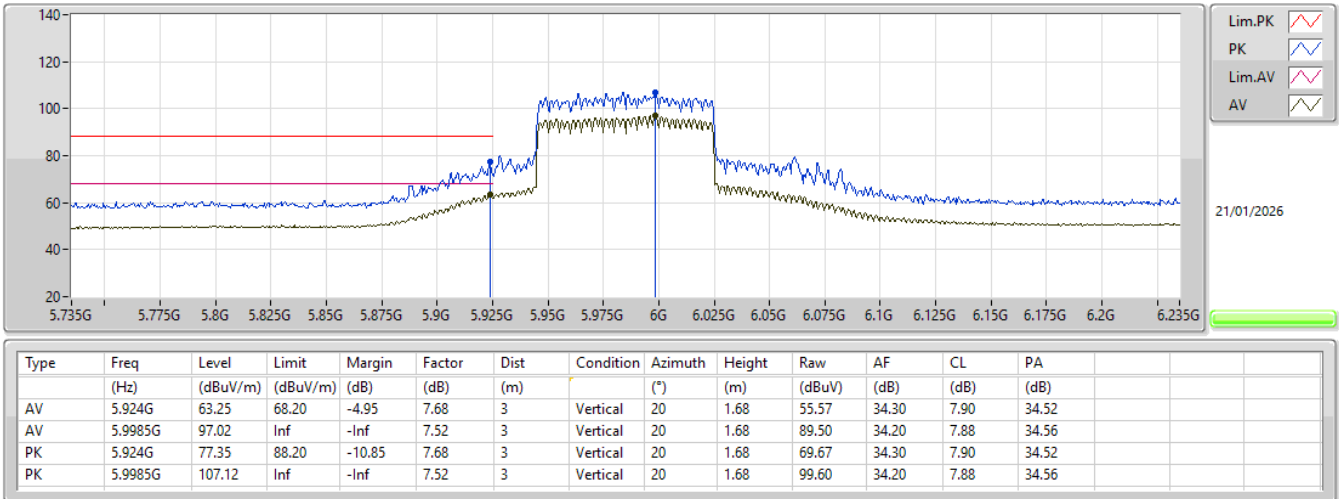
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5965MHz_TX



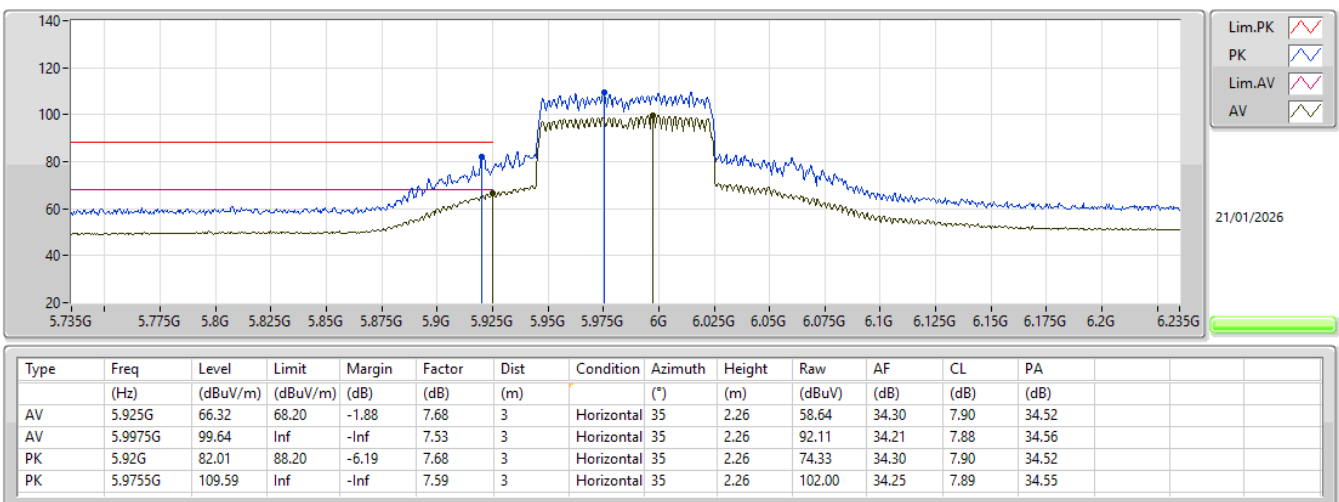
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5985MHz_TX



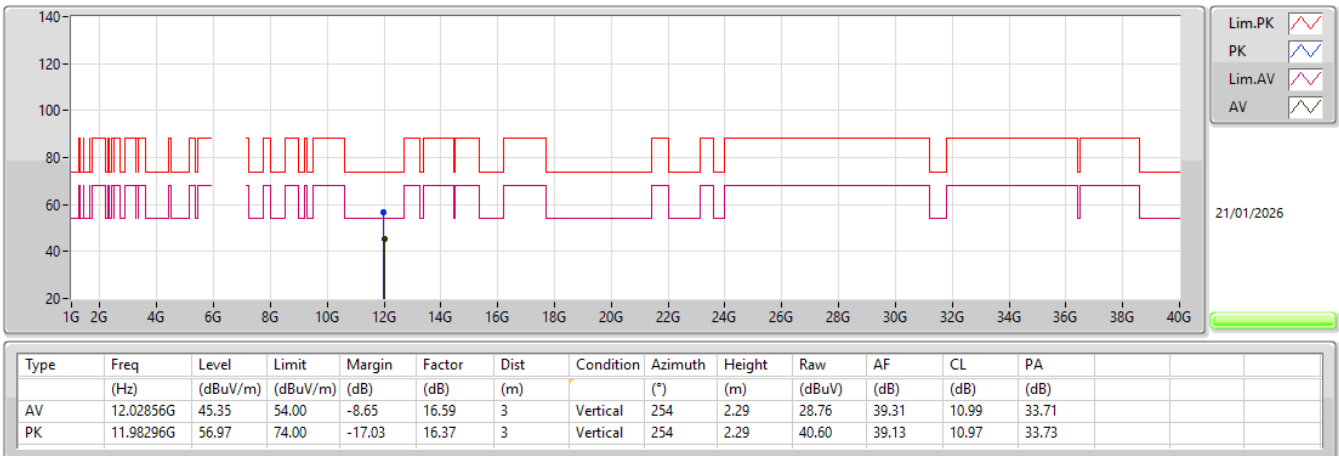
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5985MHz_TX



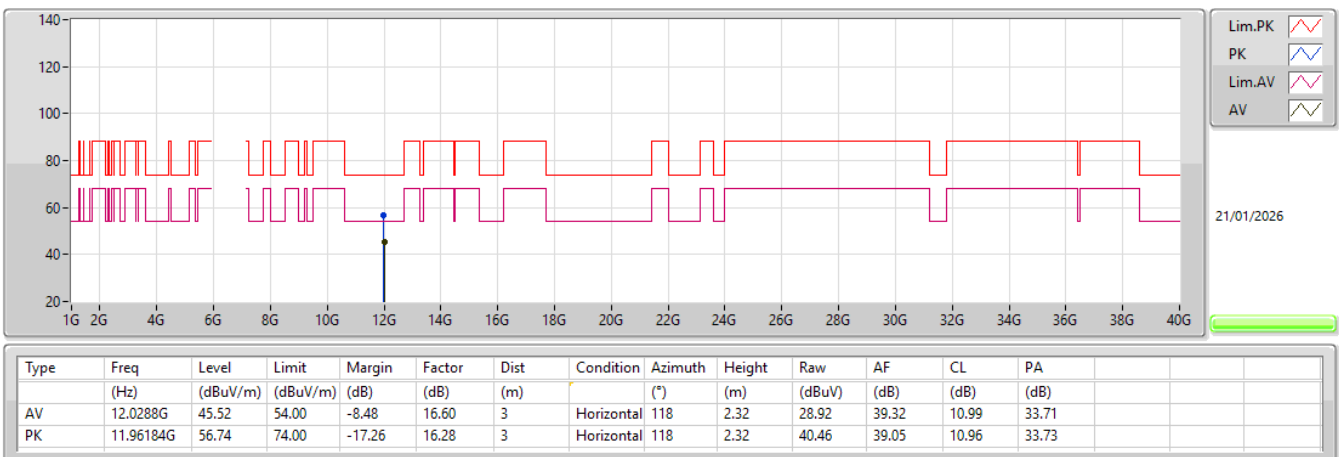
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5985MHz_TX



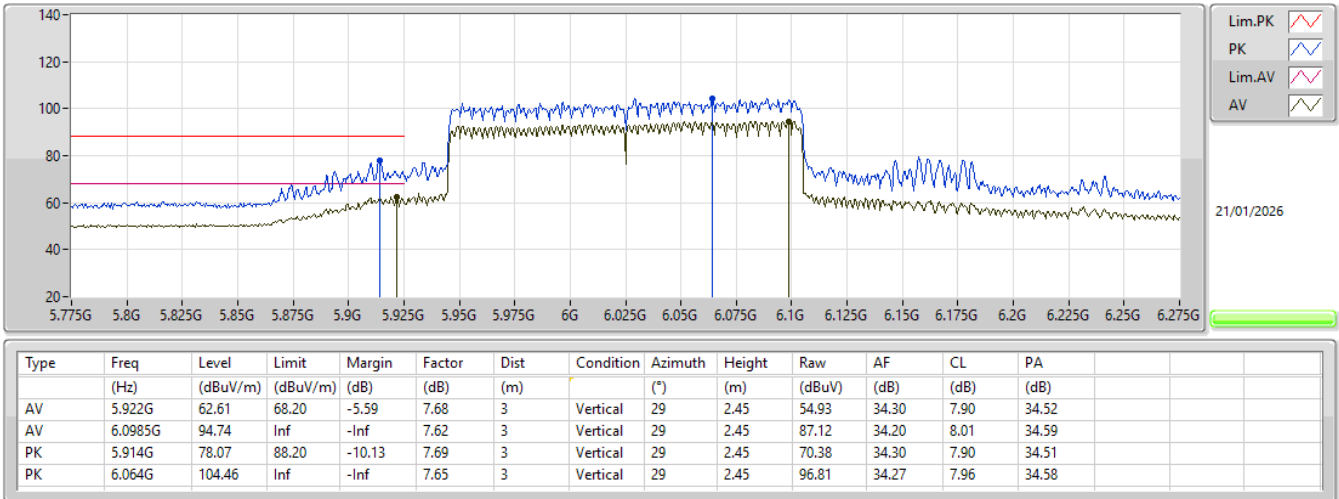
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5985MHz_TX



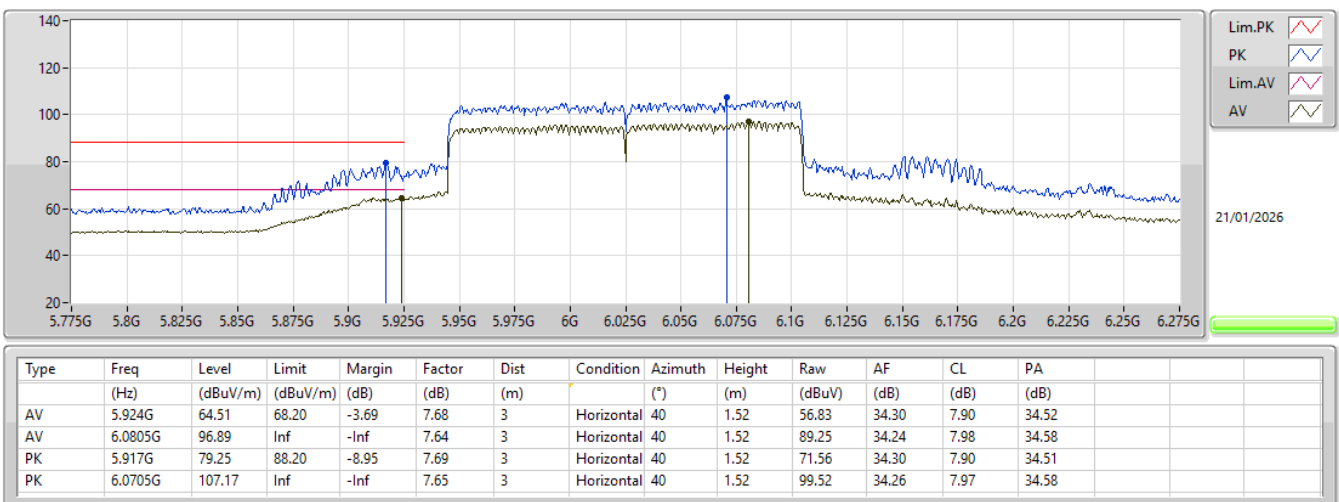
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6025MHz_TX



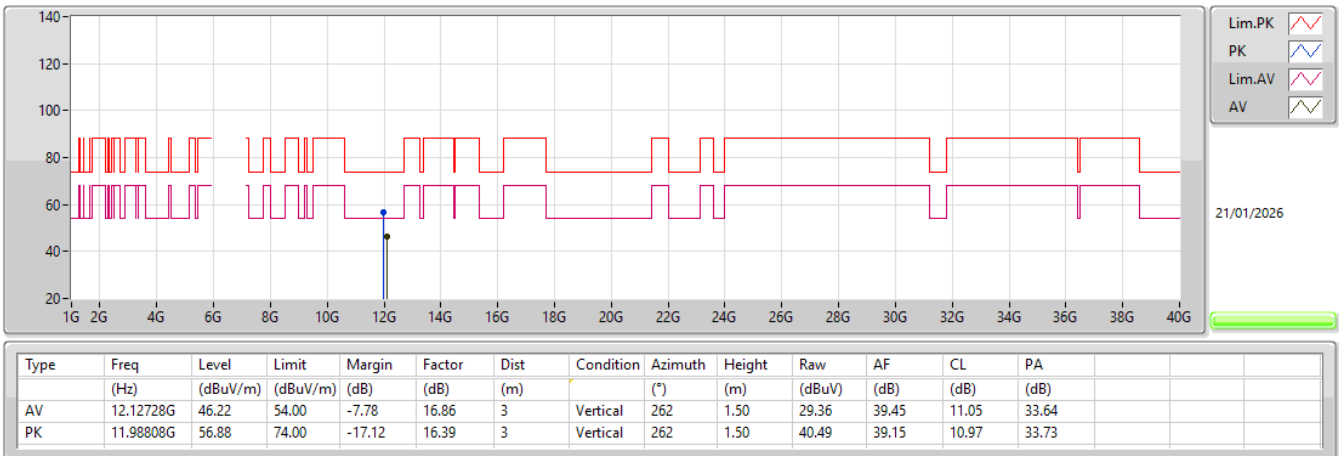
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6025MHz_TX



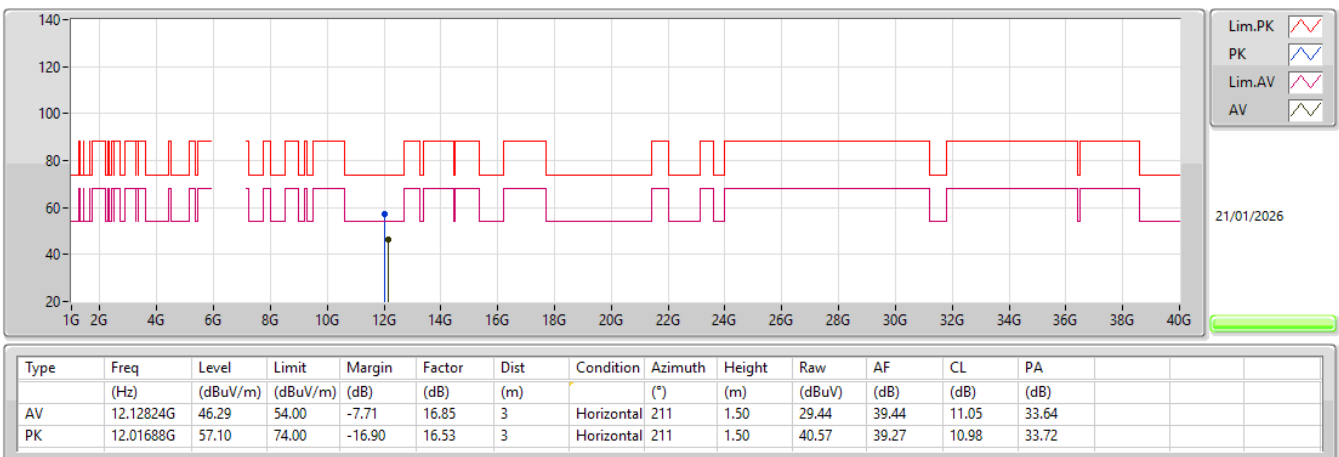
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6025MHz_TX



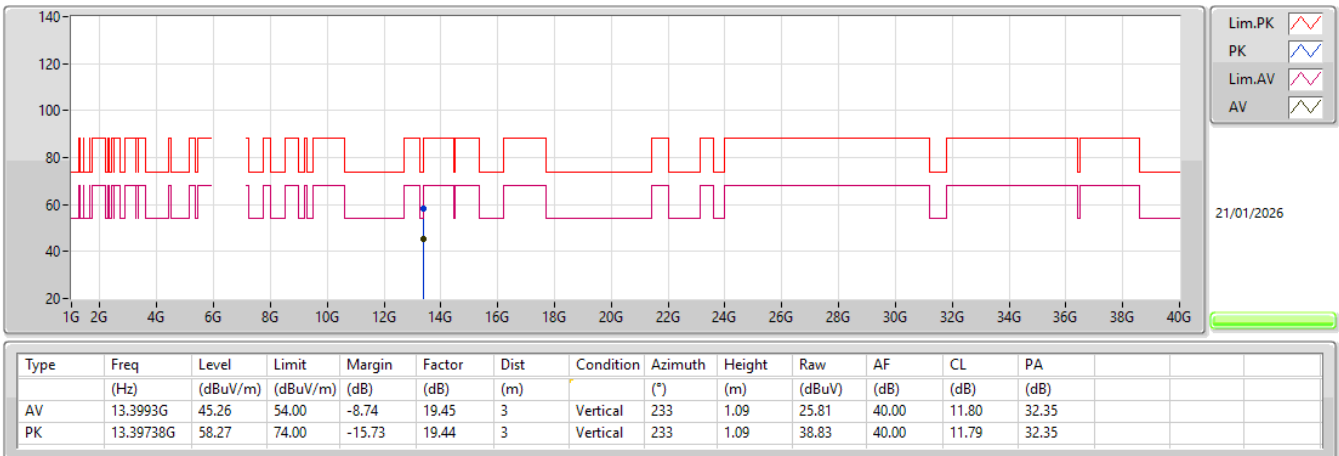
5.925-6.425GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6025MHz_TX



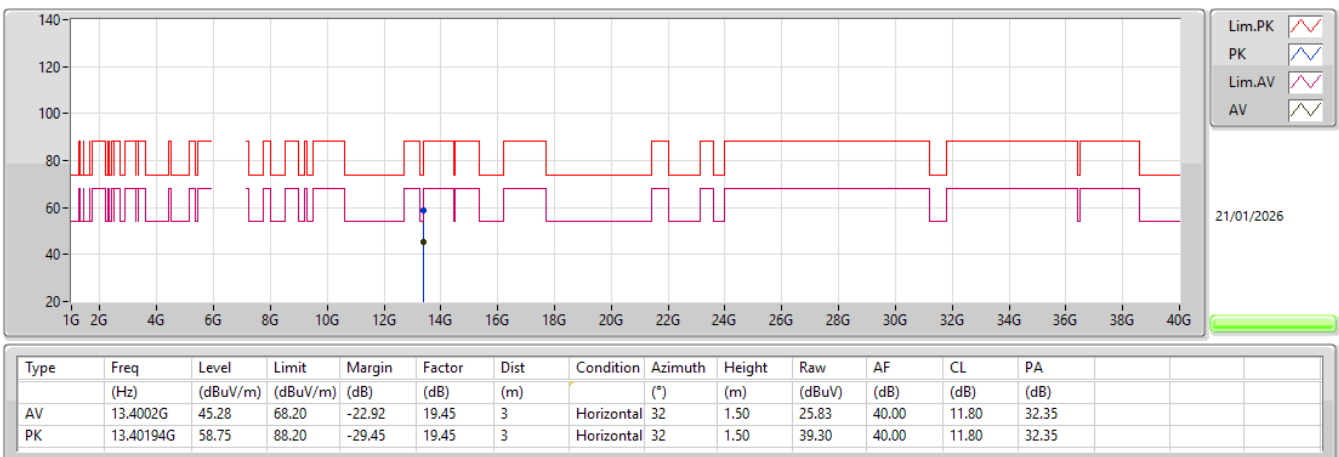
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6695MHz_TX



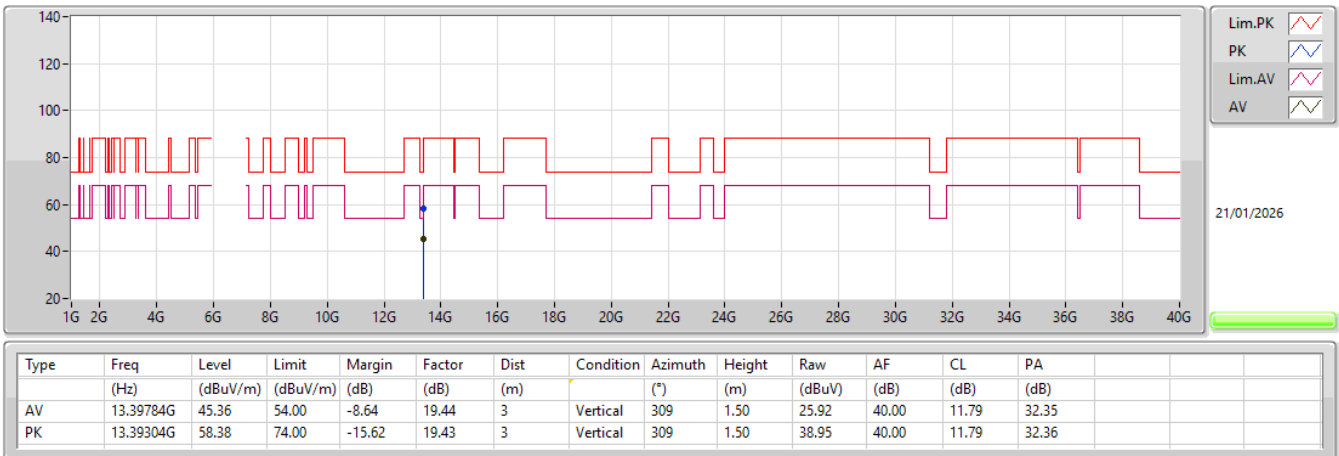
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

6695MHz_TX



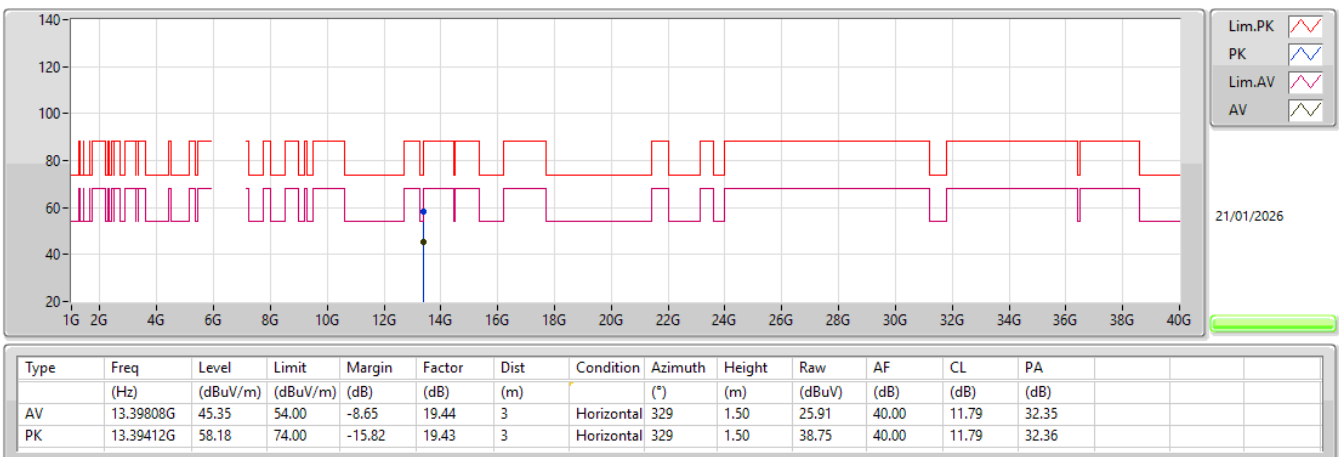
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX



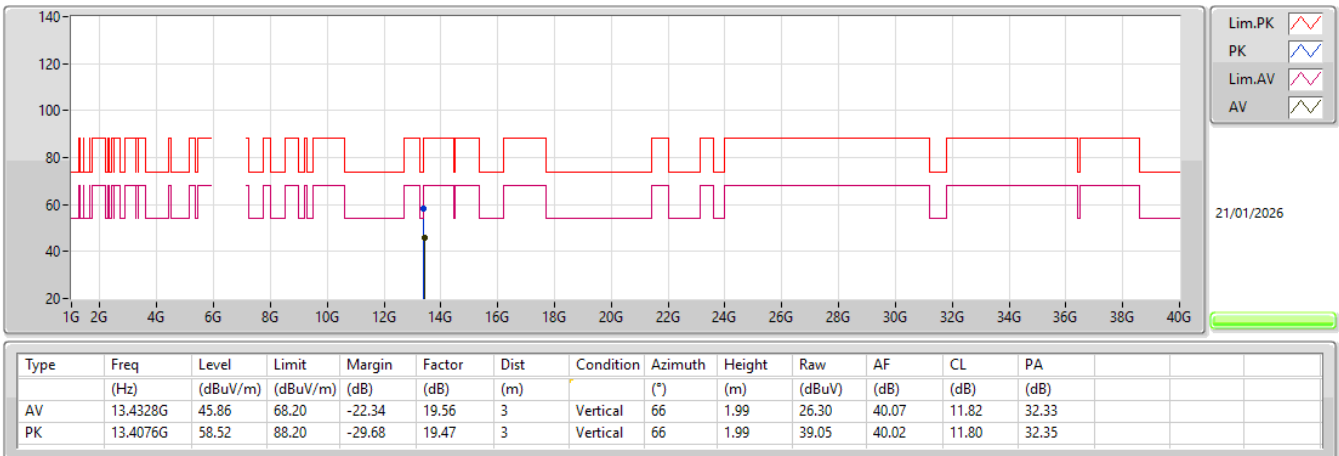
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

6685MHz_TX



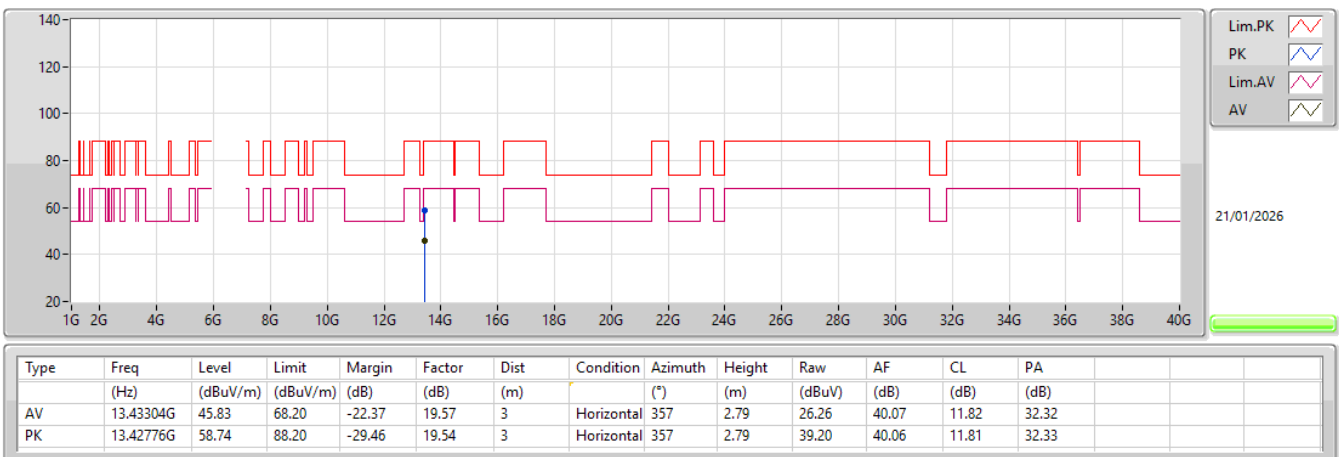
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6705MHz_TX



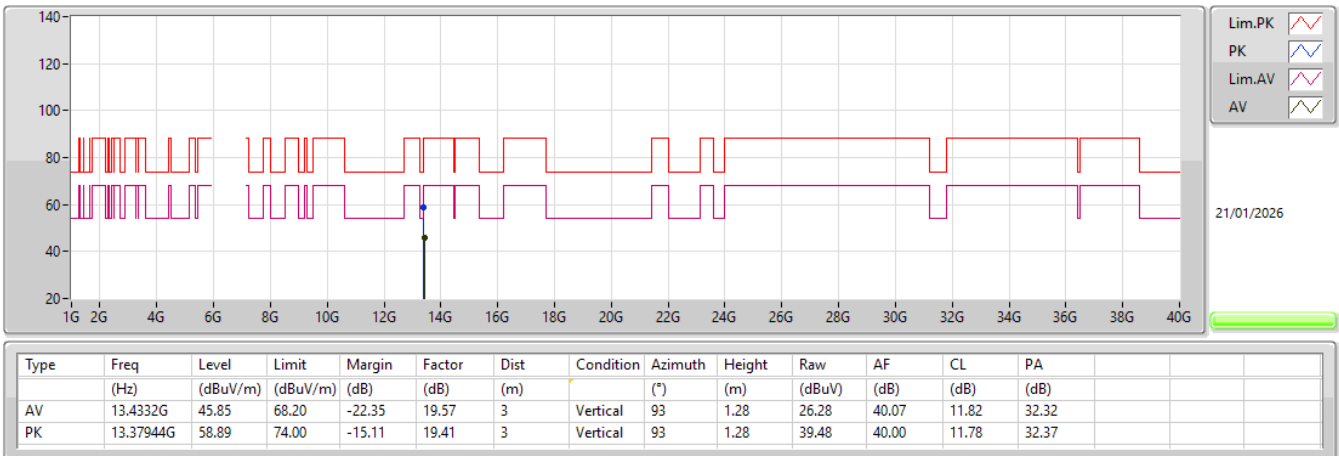
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

6705MHz_TX



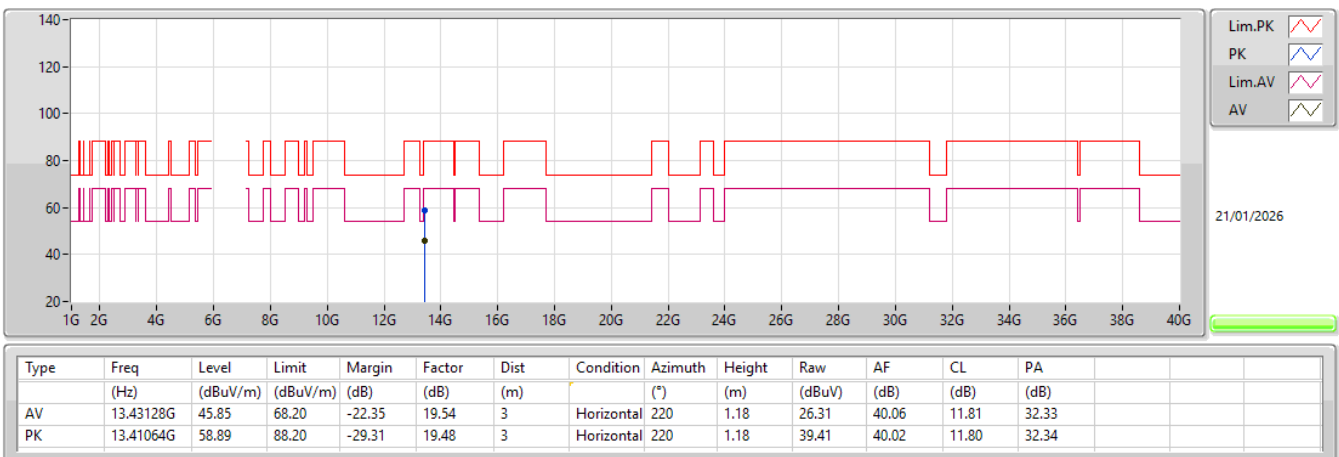
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_2TX

6665MHz_TX



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

6665MHz_TX



**Summary**

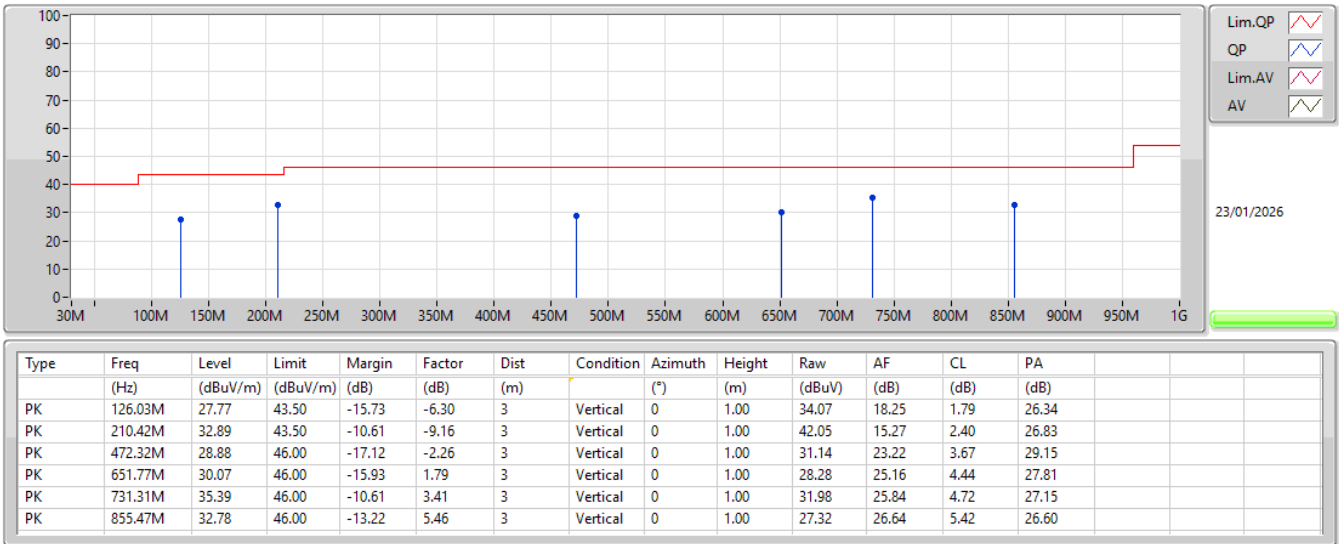
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	PK	214.3M	36.75	43.50	-6.75	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
6185MHz	Pass	PK	126.03M	27.77	43.50	-15.73	3	Vertical	0	1.00
6185MHz	Pass	PK	210.42M	32.89	43.50	-10.61	3	Vertical	0	1.00
6185MHz	Pass	PK	472.32M	28.88	46.00	-17.12	3	Vertical	0	1.00
6185MHz	Pass	PK	651.77M	30.07	46.00	-15.93	3	Vertical	0	1.00
6185MHz	Pass	PK	731.31M	35.39	46.00	-10.61	3	Vertical	0	1.00
6185MHz	Pass	PK	855.47M	32.78	46.00	-13.22	3	Vertical	0	1.00
6185MHz	Pass	PK	127M	29.21	43.50	-14.29	3	Horizontal	360	1.00
6185MHz	Pass	PK	214.3M	36.75	43.50	-6.75	3	Horizontal	360	1.00
6185MHz	Pass	PK	433.52M	31.32	46.00	-14.68	3	Horizontal	360	1.00
6185MHz	Pass	PK	731.31M	36.16	46.00	-9.84	3	Horizontal	360	1.00
6185MHz	Pass	PK	862.26M	32.51	46.00	-13.49	3	Horizontal	360	1.00
6185MHz	Pass	PK	938.89M	33.00	46.00	-13.00	3	Horizontal	360	1.00

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

6185MHz_TX



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

6185MHz_TX

