

FCC Radio Test Report

FCC ID : TOR-C330
Equipment : Wireless Access Point
Brand Name : Arista
Model Name : C-330, C-330E
Applicant : Arista Networks, Inc.
5453 Great America Parkway,
Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway,
Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 16, 2022, and testing was started from Dec. 24, 2022 and completed on Apr. 24, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	12
1.3 Testing Location Information	12
1.4 Measurement Uncertainty	12
2 TEST CONFIGURATION OF EUT.....	13
2.1 Test Channel Mode	13
2.2 The Worst Case Measurement Configuration.....	18
2.3 Accessories	19
2.4 Support Equipment.....	19
2.5 Test Setup Diagram	20
3 TRANSMITTER TEST RESULT	22
3.1 AC Power-line Conducted Emissions	22
3.2 Emission Bandwidth	24
3.3 Maximum Conducted Output Power	25
3.4 Peak Power Spectral Density.....	27
3.5 Unwanted Emissions.....	29
4 TEST EQUIPMENT AND CALIBRATION DATA.....	33
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR2D1412AN	01	Initial issue of report	Mar. 31, 2023
FR2D1412AN	02	Revise Equipment name (This report is the latest version replacing for the report issued on Mar. 31, 2023)	Apr. 10, 2023
FR2D1412AN	03	Update EUT Function for Radio 3 (This report is the latest version replacing for the report issued on Apr. 10, 2023)	May 02, 2023
FR2D1412AN	04	Revise Antenna Information (This report is the latest version replacing for the report issued on May 02, 2023)	May 08, 2023

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 Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

The EUT supports beamforming and CDD modes, and the 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: Ann Hou



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Non-Beamforming_C-330_Radio 0

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Non-Beamforming_C330_Radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

**Non-Beamforming_C-330E_Radio 0**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Non-Beamforming_C-330E_Radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Beamforming_C-330_Radio 0

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Beamforming_C-330_Radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

**Beamforming_C-330E_Radio 0**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Beamforming_C-330E_Radio 3

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information**C-330**

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 3_2.4G+5G+6G
2	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 1_2.4G+Radio 0_5G
3	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 3_2.4G+5G+6G
4	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 1_2.4G+ Radio 0_5G
5	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 2_6G
6	WHAYU	C393-510223-A	PIFA	I-PEX	Radio 2_6G
7	WHAYU	C393-510223-A	Dipole	I-PEX	Radio 4_BT

Ant.	Gain (dBi)						
	Radio 0	Radio 1	Radio 2	Radio 3			Radio 4
	5G	2.4G	6G	2.4G	5G	6G	BT
1	-	-	-	4.7	6.4	6.3	-
2	2.48	1.31	-	-	-	-	-
3	-	-	-	4.2	6.4	6.1	-
4	4.29	1.14	-	-	-	-	-
5	-	-	5.79	-	-	-	-
6	-	-	5.88	-	-	-	-
7	-	-	-	-	-	-	4.6

Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS]	2.43	4.5	3.9	3.82	4.72	6.06	5.38	6.58	6.18
DG [2SS]	1.31	4.29	3.18	3.16	3.09	5.88	5.1	5.81	5.86

Note 1: The EUT has seven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain for Radio 0, Radio 1, Radio 2. For more detail information, please refer to the Antenna Pattern Report AP2D1412.

Note 3: Directional gain information for Radio 3

	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 $N_{ANT} \leq 4$	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$Directional\ Gain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

For 2.4GHz function:

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

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 3)

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

For 5GHz function:

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

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 3)

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

For BT function:

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

Ant. 7 could transmit/receive.

For 6GHz function:

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

Ant. 5 and Ant. 6 could transmit/receive simultaneously.

For IEEE 802.11 ax mode (2TX/2RX) (Radio 3)

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

C-330E

Ant.	Brand	Model Name	Antenna Type	Connector	Remark
1	WHAYU	C393-510225-A	External Dipole	SMA	Radio 3_2.4G+5G
2	WHAYU	C393-510225-A	External Dipole	SMA	Radio 1_2.4G+Radio 0_5G
3	WHAYU	C393-510225-A	External Dipole	SMA	Radio 3_2.4G+5G
4	WHAYU	C393-510225-A	External Dipole	SMA	Radio 1_2.4G+ Radio 0_5G
5	WHAYU	C393-510224-A	Dipole	I-PEX	Radio 4_BT

Ant.	Gain (dBi)				
	Radio 0	Radio 1	Radio 3		Radio 4
	5G	2.4G	2.4G	5G	BT
1	-	-	5.2	5.6	-
2	5.9	4.9	-	-	-
3	-	-	4.7	6.6	-
4	5.6	4.4	-	-	-
5	-	-	-	-	4.6

Note 1: Directional gain information for Radio 0, Radio 1, Radio 3.

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

For 2.4GHz function:

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

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/ax mode (2TX/2RX) (Radio 3)

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

For 5GHz function:

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

Ant. 2 and Ant. 4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 3)

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

For BT function:

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

Ant. 5 could transmit/receive.



1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☐ Outdoor AP	☒	Indoor AP (Radio 0)
	☐ Fixed P2P AP	☒	Client (Radio 3)
	☐ OEM Device installed in vehicle		
Beamforming Function	☒ With beamforming	☐	Without beamforming
Resource Unit(802.11ax)	☒ Full RU	☐	Partial RU
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:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming_C-330_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.949	0.23	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.801	0.96	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300

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

Non-Beamforming_C-330_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.948	0.23	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300

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

Non-Beamforming_C-330E_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.943	0.25	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.798	0.98	5.446m	300

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

**Non-Beamforming_C-330E_Radio 3**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_2TX	0.948	0.23	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300

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

Beamforming_C-330_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.801	0.96	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300

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

Beamforming_C-330_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF	0.791	1.02	5.446m	300
802.11ax HEW40-BF	0.789	1.03	5.446m	300
802.11ax HEW80-BF	0.789	1.03	5.446m	300

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

Beamforming_C-330E_Radio 0

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.799	0.97	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.798	0.98	5.446m	300

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

Beamforming_C-330E_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.791	1.02	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.789	1.03	5.446m	300

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

1.1.5 Table for Multiple Listing

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

Model Name	Antenna	Description
C-330	Internal	Same PCBA, only different in housing and antenna.
C-330E	External	

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ 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 C-330	CO04-HY	Wayne Chiu	21.3~22.5°C / 53~59%	06/Jan/2023~07/Jan/2023
AC Conduction C-330E	CO04-HY	Wayne Chiu	21.6~22.2°C / 55~60%	11/Jan/2023~12/Jan/2023
RF Conducted	TH07-HY	Yuna Lin	21.7~24.1°C / 45~54%	03/Jan/2023~24/Apr/2023
Radiated C-330E	03CH02-HY	Jack Tang	19.4~21.7°C / 63~68%	04/Jan/2023~13/Feb/2023
Radiated_C-330E (Co-location)	03CH02-HY	Jack Tang	19.6~20.3°C / 62~64%	02/Mar/2023
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated C-330	03CH09-HY	Lego Lin	21.5~23.7°C / 59~65%	24/Dec/2022~10/Feb/2023
Radiated_C-330 (Co-location)	03CH09-HY	Lego Lin	20.9~23.3°C / 59~66%	12/Jan/2023

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00095.1
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Non-Beamforming_C-330_Radio 0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	18
5785MHz	18
5825MHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	18
5785MHz	18
5825MHz	18
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	18
5230MHz	18
5755MHz	18
5795MHz	18
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	17.5
5775MHz	18

Non-Beamforming_C-330_Radio 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16
5200MHz	16.5
5240MHz	16.5
5745MHz	17.5



Mode	Power Setting
5785MHz	17.5
5825MHz	17.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	16
5200MHz	16.5
5240MHz	16.5
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	15
5230MHz	17.5
5755MHz	17.5
5795MHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	15
5775MHz	17.5

Non-Beamforming_C-330E_Radio 0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	18
5785MHz	18
5825MHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	18
5785MHz	18
5825MHz	18
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	18



Mode	Power Setting
5230MHz	18
5755MHz	18
5795MHz	18
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	18
5775MHz	18

Non-Beamforming_C-330E_Radio 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16
5200MHz	16.5
5240MHz	16.5
5720MHz Straddle 5.725-5.85GHz	17
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	16
5200MHz	16.5
5240MHz	16.5
5720MHz Straddle 5.725-5.85GHz	17
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	16
5230MHz	17.5
5710MHz Straddle 5.725-5.85GHz	17.5
5755MHz	17.5
5795MHz	17.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	16
5690MHz Straddle 5.725-5.85GHz	17.5
5775MHz	15

**Beamforming_C-330_Radio 0**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	18
5785MHz	18
5825MHz	18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	18
5230MHz	18
5755MHz	18
5795MHz	18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	17.5
5775MHz	18

Beamforming_C-330_Radio 3

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	15.5
5200MHz	16
5240MHz	16
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	15
5230MHz	17
5755MHz	17.5
5795MHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	15
5775MHz	17.5

**Beamforming_C-330E_Radio 0**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	18
5785MHz	18
5825MHz	18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	18
5230MHz	18
5755MHz	18
5795MHz	18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	18
5775MHz	18

Beamforming_C-330E_Radio 3

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	16
5200MHz	16.5
5240MHz	16.5
5745MHz	17.5
5785MHz	17.5
5825MHz	17.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	16
5230MHz	17.5
5755MHz	17.5
5795MHz	17.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	16
5775MHz	15

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 Conducted Output Power Peak Power Spectral Density
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		

The Worst Case Mode for Following Conformance Tests (C-330)	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 0+Radio 1+Radio 2+Radio 3 (2.4GHz WLAN)+Bluetooth
2	Radio 0+Radio 1+Radio 2+Radio 3 (5GHz WLAN)+Bluetooth
3	Radio 0+Radio 1+Radio 2+Radio 3 (6GHz WLAN)+Bluetooth
Refer to Sporton Test Report No.: FA2D1412 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests (C-330E)	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 0+Radio 1+Radio 2+Radio 3 (2.4GHz WLAN)+Bluetooth
2	Radio 0+Radio 1+Radio 2+Radio 3 (5GHz WLAN)+Bluetooth
Refer to Sporton Test Report No.: FA2D1412 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Ceiling	Brand Name	ARISTA	Model Name	MNT-AP-15MM

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

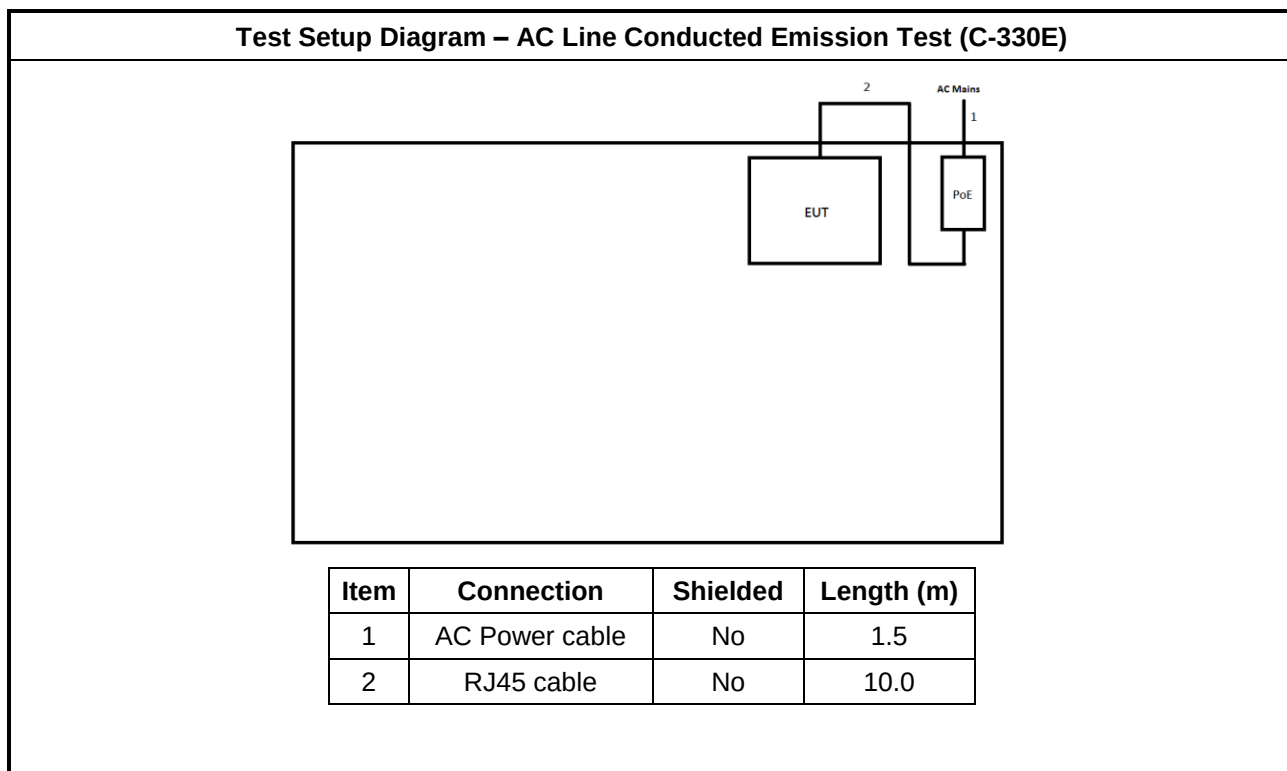
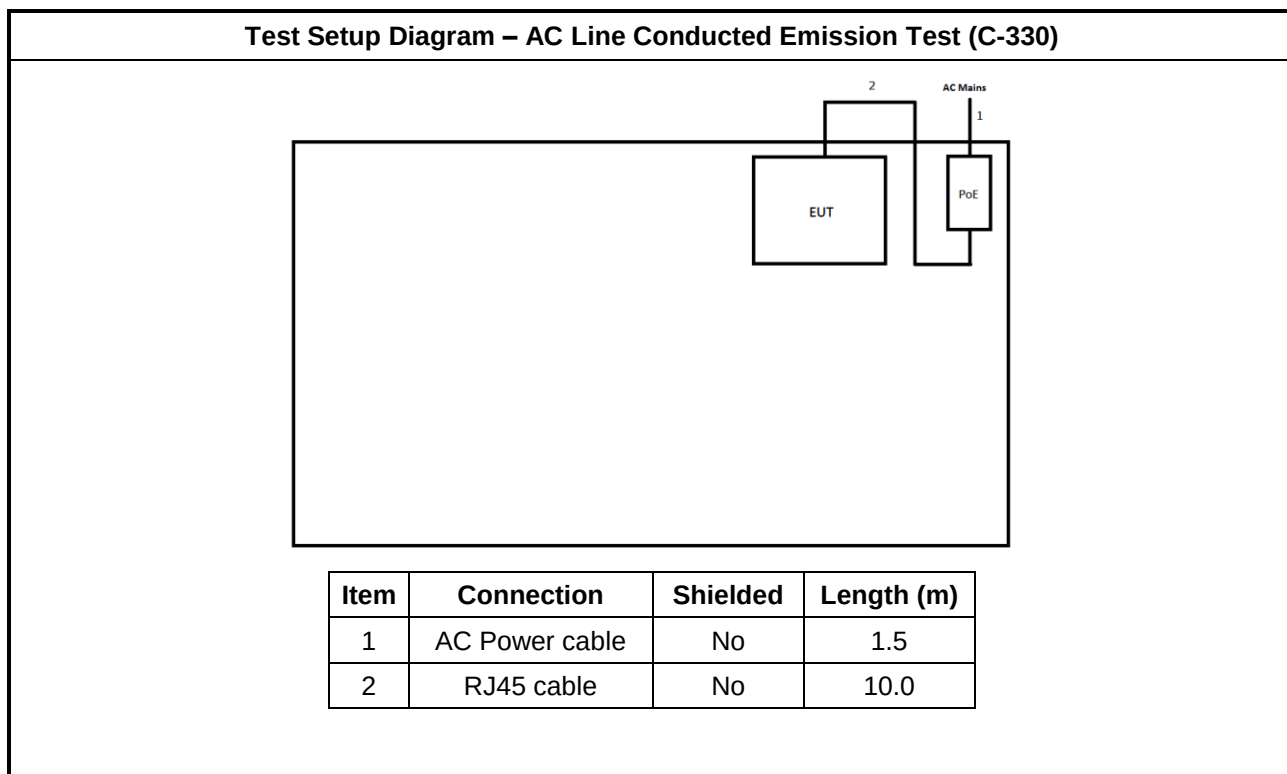
2.4 Support Equipment

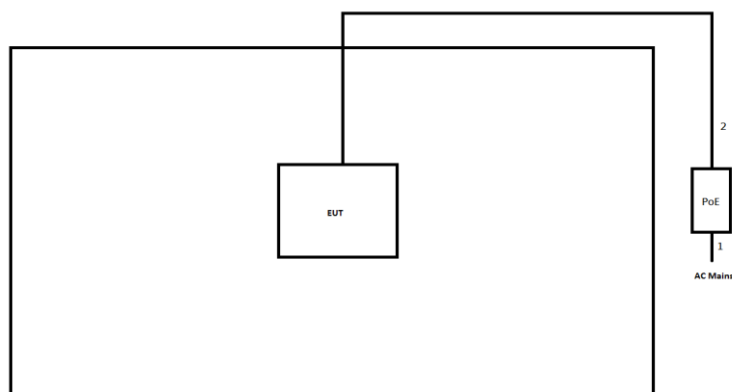
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power Sync	TPCMRN0018	-	-
2	PoE	GRT	GRT-480125A	-	-
3	RJ45 cable	Power sync	CAT-6E-10	-	-

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

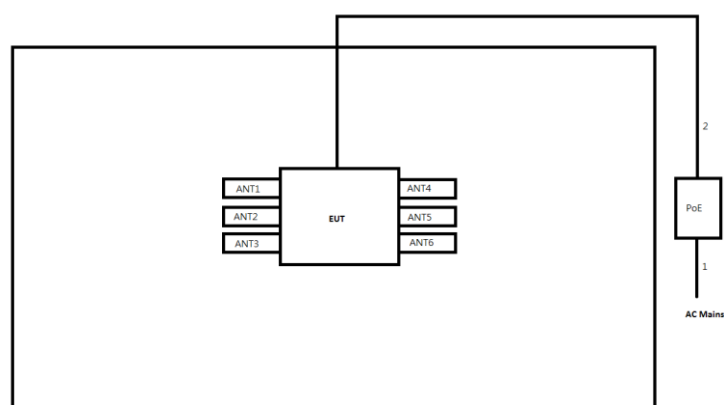
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power Sync	TPCMRN0018	-	-
2	PoE	GRT	GRT-480125A	-	Remote
3	RJ45 cable	Power sync	CAT-6E-10	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test (C-330)


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

Test Setup Diagram - Radiated Test (C-330E)


Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.5
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

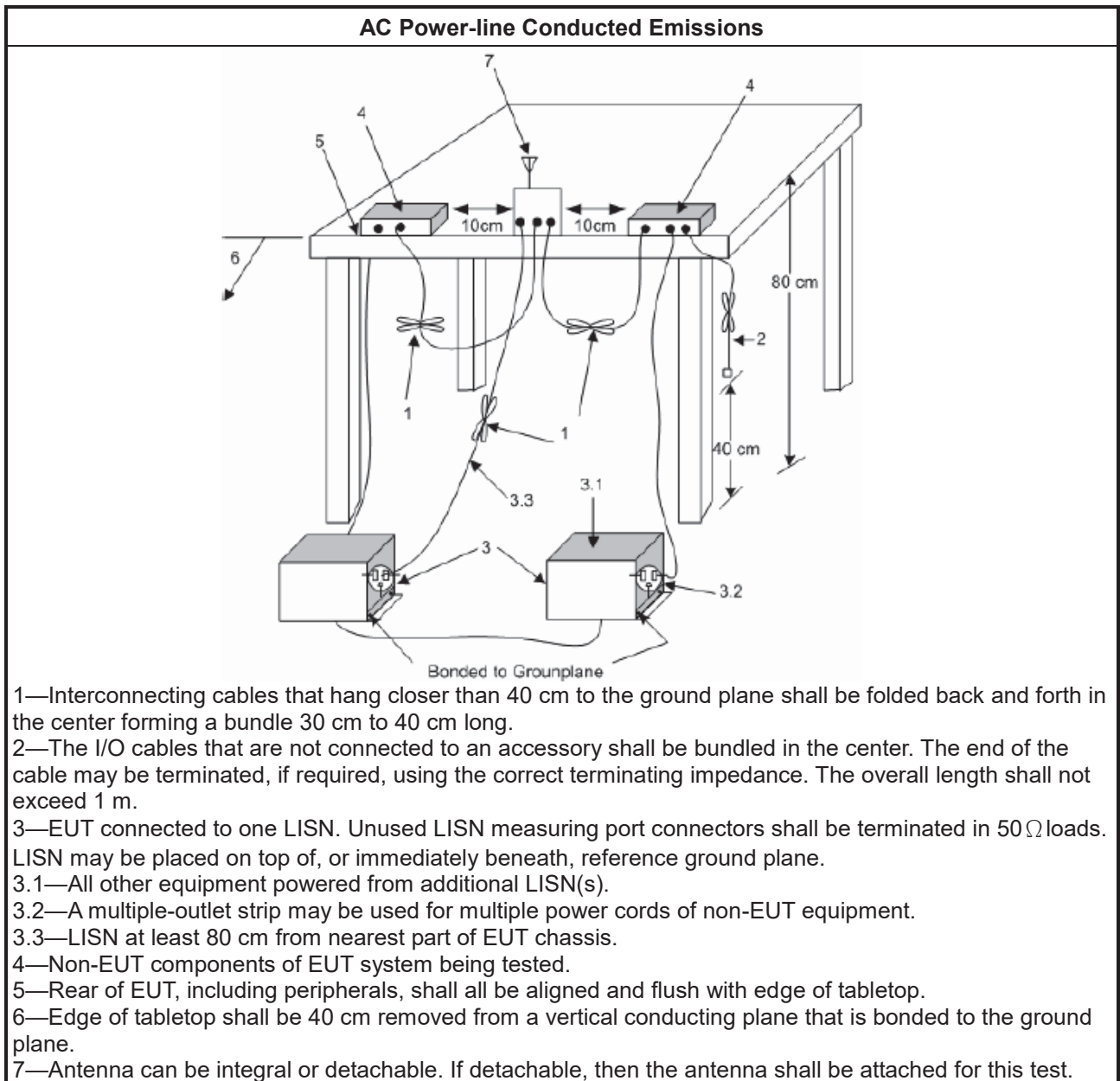
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

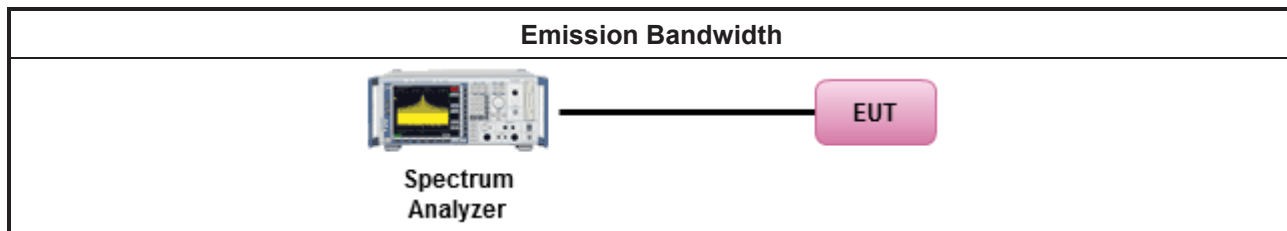
3.2.2 Measuring Instruments

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 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 Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	- Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] - Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ - Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. - Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

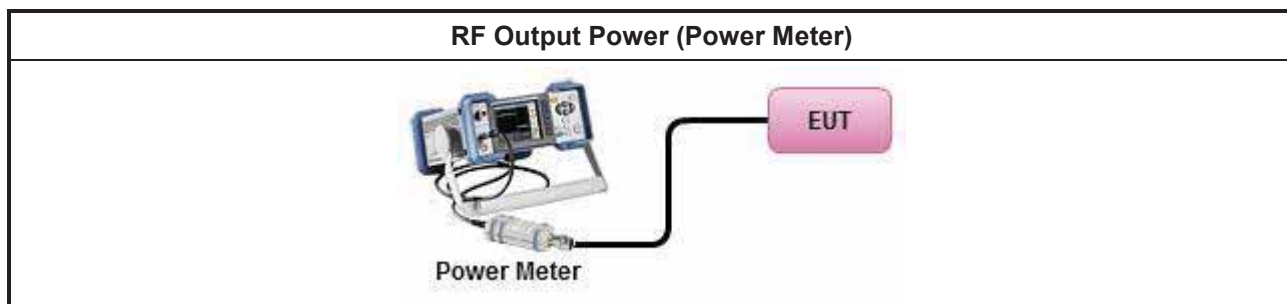
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as 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]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	- Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$. - Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$. - Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

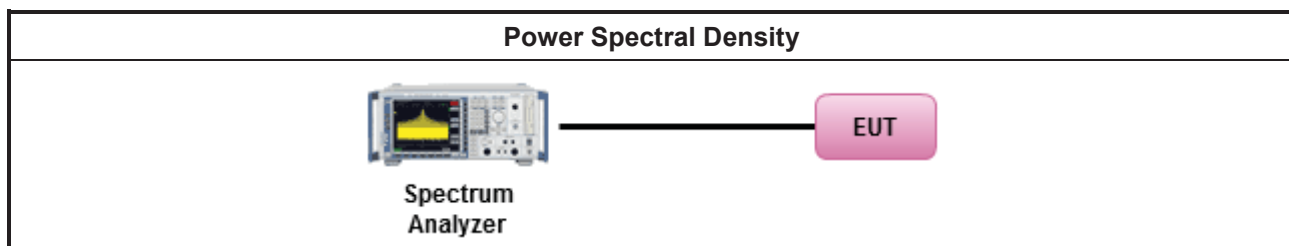
3.4.2 Measuring Instruments

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 KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as 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:	
- Measure and sum the spectra across the outputs. Refer as 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.	
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]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated 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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: 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).

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

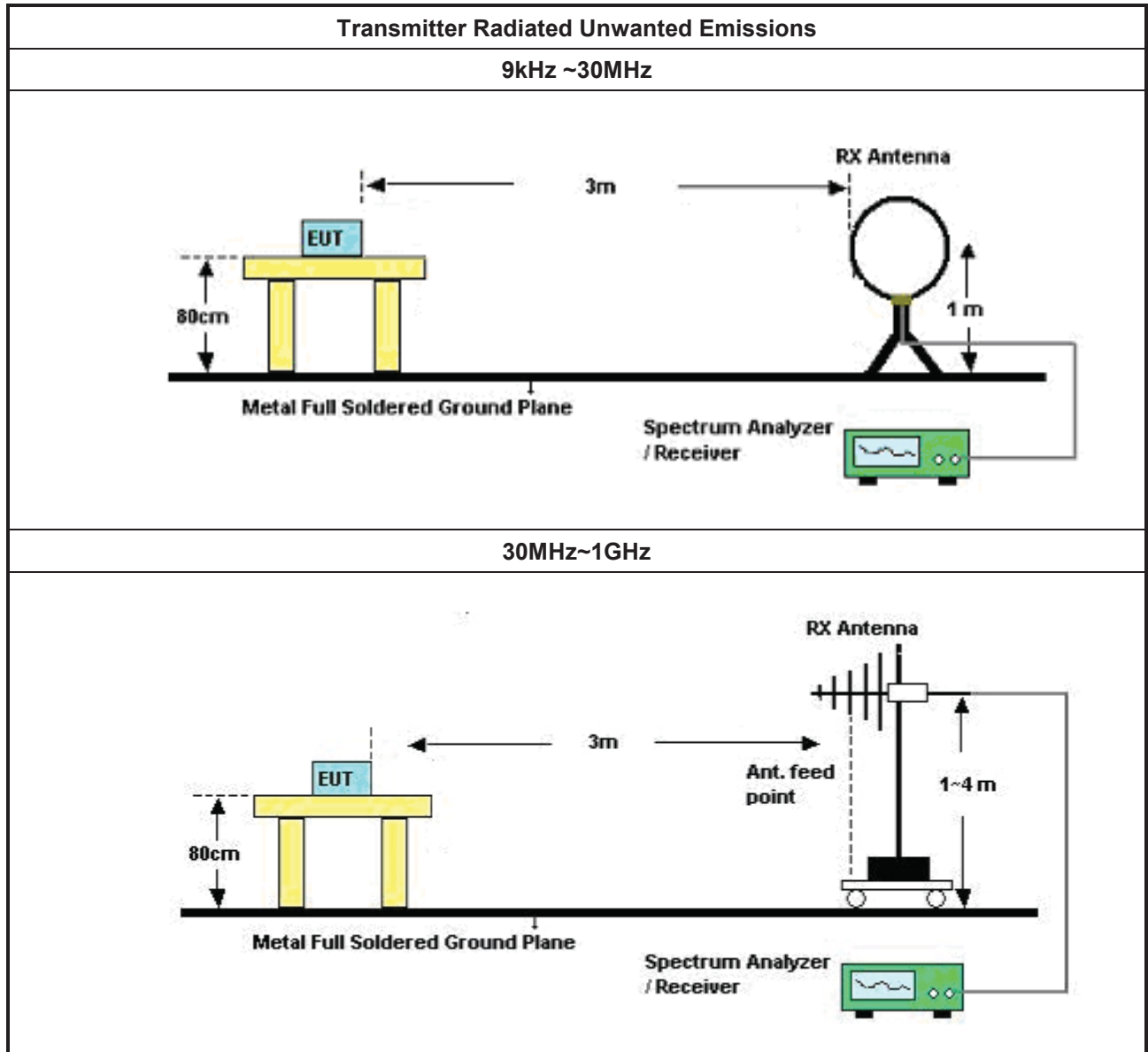
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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 KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
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.	
	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.

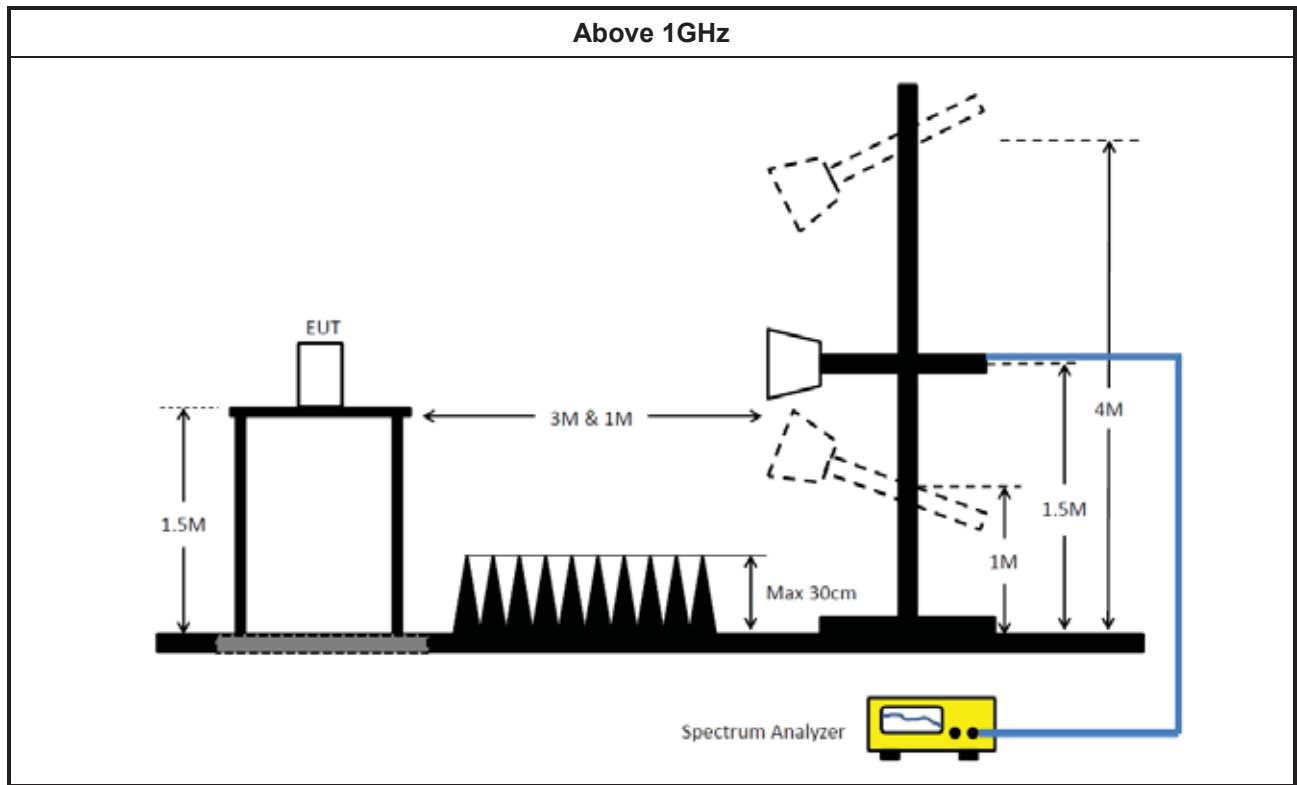
3.5.4 Measurement Results Calculation

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	9kHz ~ 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 Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	10/Nov/2022	09/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15407_NII	Sporton	V5.11.2	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH09-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preampifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	28/Aug/2022	27/Aug/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
RF Cable-low	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	09/Dec/2022	08/Dec/2023
RF CABLE 5m+3m+1m	HUBER+SUHNE R	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	02/Nov/2022	01/Nov/2023
SENSE-15407-NII	Sporton	NA	5.11	NA	NA	NA

**Instrument for Radiated Test (03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	20/Dec/2022	19/Dec/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15407_NII	Sporton	V5.11	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location_03CH09-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2022	10/Aug/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	22/Jul/2022	21/Jul/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1534	1GHz~18GHz	10/Mar/2022	09/Mar/2023
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	17/Aug/2022	16/Aug/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	NA	5.10.7.15	NA	NA	NA

**Instrument for Radiated Test (Co-location_03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	10/Feb/2023	09/Feb/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	NA	5.10.7.15	NA	NA	NA



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	479.294k	33.56	46.34	-12.78	Line



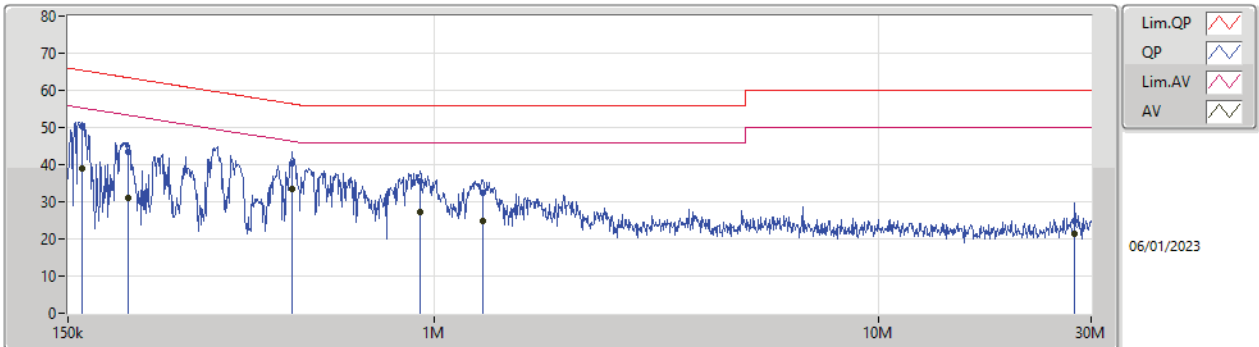
Conducted Emissions at Powerline_C-330_Radio 0

Appendix A.1

Result

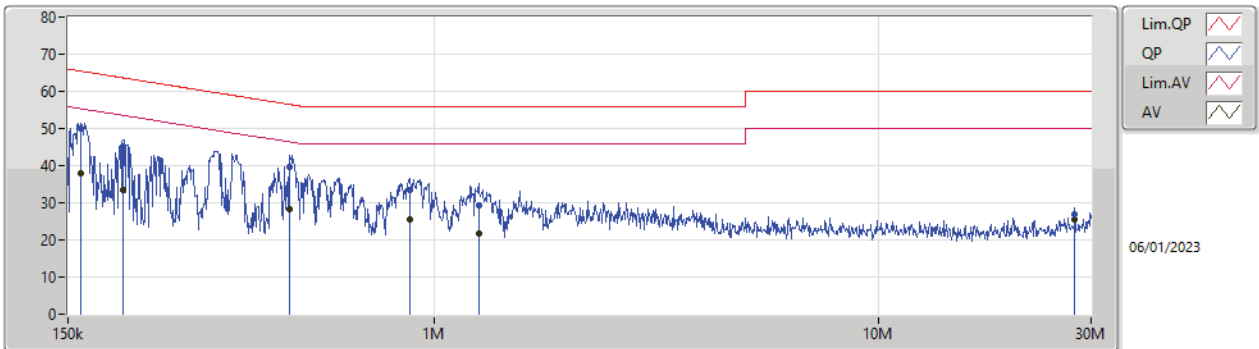
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	161.175k	50.29	65.41	-15.12	Line	-
Mode 1	Pass	AV	161.175k	38.96	55.41	-16.45	Line	-
Mode 1	Pass	QP	204.796k	43.42	63.42	-20.00	Line	-
Mode 1	Pass	AV	204.796k	31.10	53.42	-22.32	Line	-
Mode 1	Pass	QP	479.294k	40.27	56.34	-16.07	Line	-
Mode 1	Pass	AV	479.294k	33.56	46.34	-12.78	Line	-
Mode 1	Pass	QP	929.818k	35.48	56.00	-20.52	Line	-
Mode 1	Pass	AV	929.818k	27.23	46.00	-18.77	Line	-
Mode 1	Pass	QP	1.29M	32.54	56.00	-23.46	Line	-
Mode 1	Pass	AV	1.29M	24.77	46.00	-21.23	Line	-
Mode 1	Pass	QP	27.563M	24.68	60.00	-35.32	Line	-
Mode 1	Pass	AV	27.563M	21.42	50.00	-28.58	Line	-
Mode 1	Pass	QP	159.893k	50.14	65.46	-15.32	Neutral	-
Mode 1	Pass	AV	159.893k	37.92	55.46	-17.54	Neutral	-
Mode 1	Pass	QP	199.949k	45.17	63.61	-18.44	Neutral	-
Mode 1	Pass	AV	199.949k	33.46	53.61	-20.15	Neutral	-
Mode 1	Pass	QP	473.588k	39.49	56.46	-16.97	Neutral	-
Mode 1	Pass	AV	473.588k	28.36	46.46	-18.10	Neutral	-
Mode 1	Pass	QP	879.278k	33.44	56.00	-22.56	Neutral	-
Mode 1	Pass	AV	879.278k	25.41	46.00	-20.59	Neutral	-
Mode 1	Pass	QP	1.259M	29.48	56.00	-26.52	Neutral	-
Mode 1	Pass	AV	1.259M	21.86	46.00	-24.14	Neutral	-
Mode 1	Pass	QP	27.563M	26.93	60.00	-33.07	Neutral	-
Mode 1	Pass	AV	27.563M	25.56	50.00	-24.44	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	161.175k	50.29	65.41	-15.12	19.65	Line	-	30.64	9.69	0.03	9.93			
AV	161.175k	38.96	55.41	-16.45	19.65	Line	-	19.31	9.69	0.03	9.93			
QP	204.796k	43.42	63.42	-20.00	19.65	Line	-	23.77	9.69	0.03	9.93			
AV	204.796k	31.10	53.42	-22.32	19.65	Line	-	11.45	9.69	0.03	9.93			
QP	479.294k	40.27	56.34	-16.07	19.68	Line	-	20.59	9.68	0.04	9.96			
AV	479.294k	33.56	46.34	-12.78	19.68	Line	-	13.88	9.68	0.04	9.96			
QP	929.818k	35.48	56.00	-20.52	19.67	Line	-	15.81	9.68	0.05	9.94			
AV	929.818k	27.23	46.00	-18.77	19.67	Line	-	7.56	9.68	0.05	9.94			
QP	1.29M	32.54	56.00	-23.46	19.69	Line	-	12.85	9.69	0.06	9.94			
AV	1.29M	24.77	46.00	-21.23	19.69	Line	-	5.08	9.69	0.06	9.94			
QP	27.563M	24.68	60.00	-35.32	20.12	Line	-	4.56	9.81	0.33	9.98			
AV	27.563M	21.42	50.00	-28.58	20.12	Line	-	1.30	9.81	0.33	9.98			

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	159.893k	50.14	65.46	-15.32	19.69	Neutral	-	30.45	9.73	0.03	9.93			
AV	159.893k	37.92	55.46	-17.54	19.69	Neutral	-	18.23	9.73	0.03	9.93			
QP	199.949k	45.17	63.61	-18.44	19.68	Neutral	-	25.49	9.72	0.03	9.93			
AV	199.949k	33.46	53.61	-20.15	19.68	Neutral	-	13.78	9.72	0.03	9.93			
QP	473.588k	39.49	56.46	-16.97	19.72	Neutral	-	19.77	9.72	0.04	9.96			
AV	473.588k	28.36	46.46	-18.10	19.72	Neutral	-	8.64	9.72	0.04	9.96			
QP	879.278k	33.44	56.00	-22.56	19.72	Neutral	-	13.72	9.73	0.05	9.94			
AV	879.278k	25.41	46.00	-20.59	19.72	Neutral	-	5.69	9.73	0.05	9.94			
QP	1.259M	29.48	56.00	-26.52	19.73	Neutral	-	9.75	9.73	0.06	9.94			
AV	1.259M	21.86	46.00	-24.14	19.73	Neutral	-	2.13	9.73	0.06	9.94			
QP	27.563M	26.93	60.00	-33.07	20.42	Neutral	-	6.51	10.11	0.33	9.98			
AV	27.563M	25.56	50.00	-24.44	20.42	Neutral	-	5.14	10.11	0.33	9.98			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	325.41k	35.52	49.58	-14.06	Line



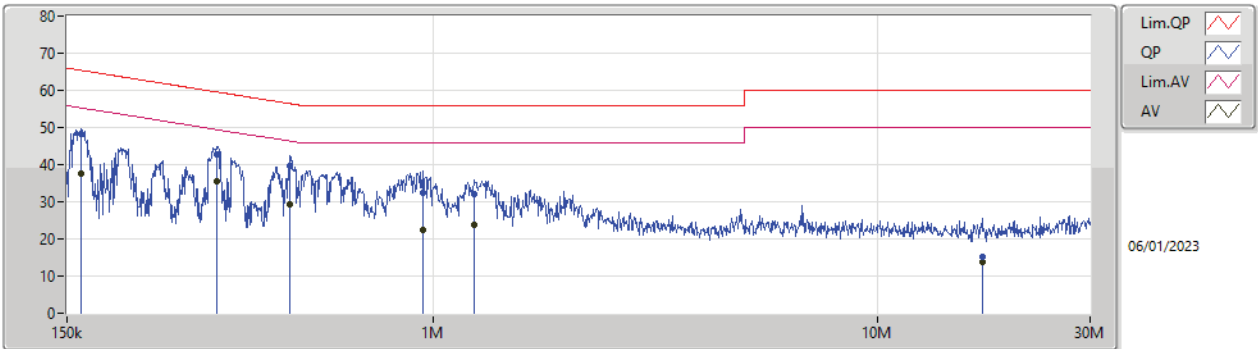
Conducted Emissions at Powerline_C-330_Radio 3

Appendix A.2

Result

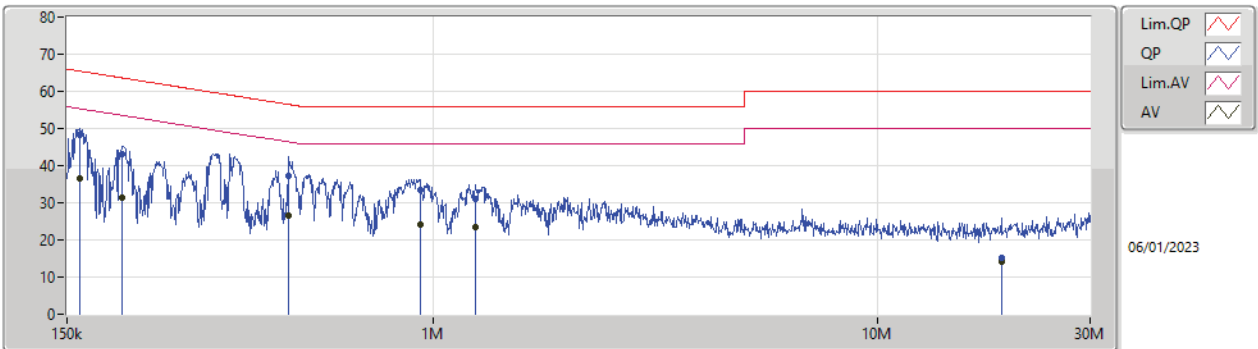
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	161.82k	48.34	65.37	-17.03	Line	-
Mode 1	Pass	AV	161.82k	37.58	55.37	-17.79	Line	-
Mode 1	Pass	QP	325.41k	42.71	59.58	-16.87	Line	-
Mode 1	Pass	AV	325.41k	35.52	49.58	-14.06	Line	-
Mode 1	Pass	QP	475.482k	39.50	56.42	-16.92	Line	-
Mode 1	Pass	AV	475.482k	29.47	46.42	-16.95	Line	-
Mode 1	Pass	QP	944.785k	32.38	56.00	-23.62	Line	-
Mode 1	Pass	AV	944.785k	22.49	46.00	-23.51	Line	-
Mode 1	Pass	QP	1.239M	32.16	56.00	-23.84	Line	-
Mode 1	Pass	AV	1.239M	23.82	46.00	-22.18	Line	-
Mode 1	Pass	QP	17.14M	15.09	60.00	-44.91	Line	-
Mode 1	Pass	AV	17.14M	13.81	50.00	-36.19	Line	-
Mode 1	Pass	QP	159.893k	48.38	65.46	-17.08	Neutral	-
Mode 1	Pass	AV	159.893k	36.44	55.46	-19.02	Neutral	-
Mode 1	Pass	QP	199.152k	43.16	63.65	-20.49	Neutral	-
Mode 1	Pass	AV	199.152k	31.47	53.65	-22.18	Neutral	-
Mode 1	Pass	QP	473.588k	37.29	56.46	-19.17	Neutral	-
Mode 1	Pass	AV	473.588k	26.39	46.46	-20.07	Neutral	-
Mode 1	Pass	QP	933.537k	33.36	56.00	-22.64	Neutral	-
Mode 1	Pass	AV	933.537k	24.06	46.00	-21.94	Neutral	-
Mode 1	Pass	QP	1.244M	31.04	56.00	-24.96	Neutral	-
Mode 1	Pass	AV	1.244M	23.44	46.00	-22.56	Neutral	-
Mode 1	Pass	QP	18.939M	15.16	60.00	-44.84	Neutral	-
Mode 1	Pass	AV	18.939M	14.08	50.00	-35.92	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	161.82k	48.34	65.37	-17.03	19.65	Line	-	28.69	9.69	0.03	9.93			
AV	161.82k	37.58	55.37	-17.79	19.65	Line	-	17.93	9.69	0.03	9.93			
QP	325.41k	42.71	59.58	-16.87	19.67	Line	-	23.04	9.68	0.04	9.95			
AV	325.41k	35.52	49.58	-14.06	19.67	Line	-	15.85	9.68	0.04	9.95			
QP	475.482k	39.50	56.42	-16.92	19.68	Line	-	19.82	9.68	0.04	9.96			
AV	475.482k	29.47	46.42	-16.95	19.68	Line	-	9.79	9.68	0.04	9.96			
QP	944.785k	32.38	56.00	-23.62	19.67	Line	-	12.71	9.68	0.05	9.94			
AV	944.785k	22.49	46.00	-23.51	19.67	Line	-	2.82	9.68	0.05	9.94			
QP	1.239M	32.16	56.00	-23.84	19.69	Line	-	12.47	9.69	0.06	9.94			
AV	1.239M	23.82	46.00	-22.18	19.69	Line	-	4.13	9.69	0.06	9.94			
QP	17.14M	15.09	60.00	-44.91	20.01	Line	-	-4.92	9.79	0.25	9.97			
AV	17.14M	13.81	50.00	-36.19	20.01	Line	-	-6.20	9.79	0.25	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	159.893k	48.38	65.46	-17.08	19.69	Neutral	-	28.69	9.73	0.03	9.93			
AV	159.893k	36.44	55.46	-19.02	19.69	Neutral	-	16.75	9.73	0.03	9.93			
QP	199.152k	43.16	63.65	-20.49	19.68	Neutral	-	23.48	9.72	0.03	9.93			
AV	199.152k	31.47	53.65	-22.18	19.68	Neutral	-	11.79	9.72	0.03	9.93			
QP	473.588k	37.29	56.46	-19.17	19.72	Neutral	-	17.57	9.72	0.04	9.96			
AV	473.588k	26.39	46.46	-20.07	19.72	Neutral	-	6.67	9.72	0.04	9.96			
QP	933.537k	33.36	56.00	-22.64	19.72	Neutral	-	13.64	9.73	0.05	9.94			
AV	933.537k	24.06	46.00	-21.94	19.72	Neutral	-	4.34	9.73	0.05	9.94			
QP	1.244M	31.04	56.00	-24.96	19.73	Neutral	-	11.31	9.73	0.06	9.94			
AV	1.244M	23.44	46.00	-22.56	19.73	Neutral	-	3.71	9.73	0.06	9.94			
QP	18.939M	15.16	60.00	-44.84	20.21	Neutral	-	-5.05	9.98	0.26	9.97			
AV	18.939M	14.08	50.00	-35.92	20.21	Neutral	-	-6.13	9.98	0.26	9.97			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	328.019k	37.25	49.50	-12.25	Line



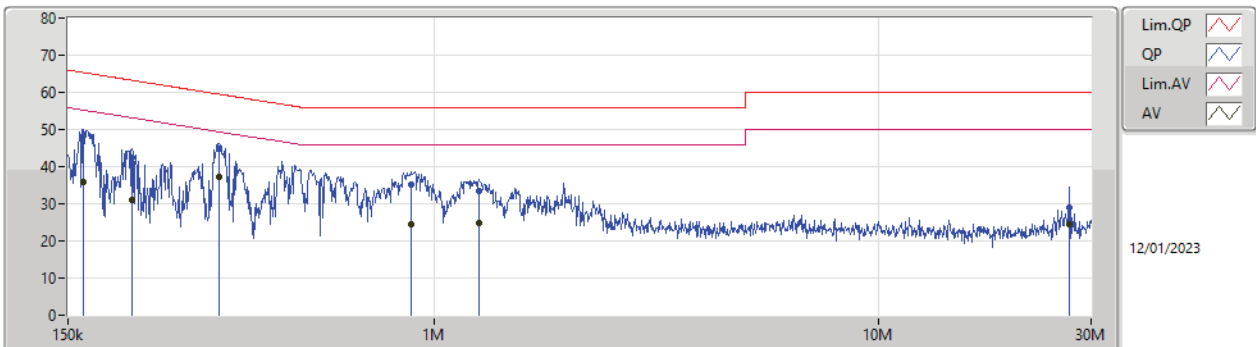
Conducted Emissions at Powerline_C-330E_Radio 0

Appendix A.3

Result

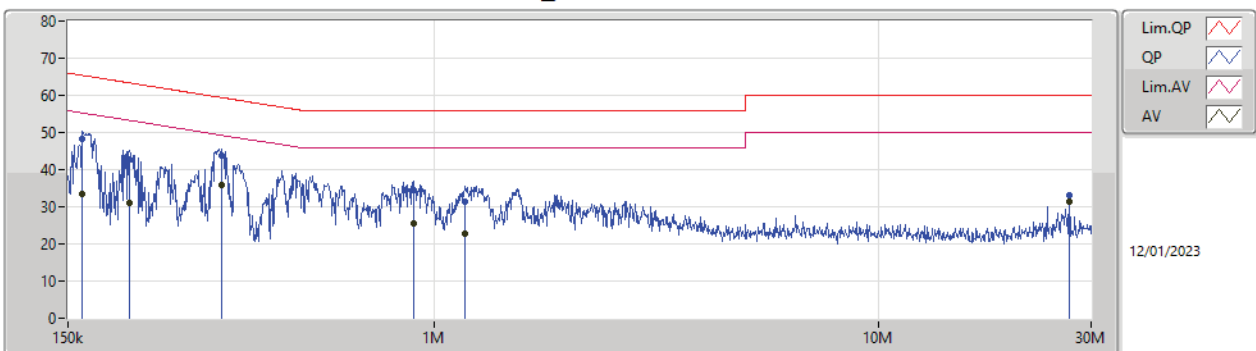
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	162.467k	48.29	65.33	-17.04	Line	-
Mode 1	Pass	AV	162.467k	35.93	55.33	-19.40	Line	-
Mode 1	Pass	QP	208.925k	42.28	63.25	-20.97	Line	-
Mode 1	Pass	AV	208.925k	31.15	53.25	-22.10	Line	-
Mode 1	Pass	QP	328.019k	44.74	59.50	-14.76	Line	-
Mode 1	Pass	AV	328.019k	37.25	49.50	-12.25	Line	-
Mode 1	Pass	QP	886.326k	35.18	56.00	-20.82	Line	-
Mode 1	Pass	AV	886.326k	24.51	46.00	-21.49	Line	-
Mode 1	Pass	QP	1.264M	33.37	56.00	-22.63	Line	-
Mode 1	Pass	AV	1.264M	24.97	46.00	-21.03	Line	-
Mode 1	Pass	QP	26.803M	29.07	60.00	-30.93	Line	-
Mode 1	Pass	AV	26.803M	24.40	50.00	-25.60	Line	-
Mode 1	Pass	QP	161.82k	48.16	65.37	-17.21	Neutral	-
Mode 1	Pass	AV	161.82k	33.39	55.37	-21.98	Neutral	-
Mode 1	Pass	QP	206.437k	42.88	63.34	-20.46	Neutral	-
Mode 1	Pass	AV	206.437k	31.05	53.34	-22.29	Neutral	-
Mode 1	Pass	QP	331.971k	43.88	59.40	-15.52	Neutral	-
Mode 1	Pass	AV	331.971k	35.98	49.40	-13.42	Neutral	-
Mode 1	Pass	QP	897.004k	34.36	56.00	-21.64	Neutral	-
Mode 1	Pass	AV	897.004k	25.50	46.00	-20.50	Neutral	-
Mode 1	Pass	QP	1.172M	31.33	56.00	-24.67	Neutral	-
Mode 1	Pass	AV	1.172M	22.64	46.00	-23.36	Neutral	-
Mode 1	Pass	QP	26.803M	33.11	60.00	-26.89	Neutral	-
Mode 1	Pass	AV	26.803M	31.50	50.00	-18.50	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	162.467k	48.29	65.33	-17.04	19.65	Line	-	28.64	9.69	0.03	9.93			
AV	162.467k	35.93	55.33	-19.40	19.65	Line	-	16.28	9.69	0.03	9.93			
QP	208.925k	42.28	63.25	-20.97	19.65	Line	-	22.63	9.69	0.03	9.93			
AV	208.925k	31.15	53.25	-22.10	19.65	Line	-	11.50	9.69	0.03	9.93			
QP	328.019k	44.74	59.50	-14.76	19.67	Line	-	25.07	9.68	0.04	9.95			
AV	328.019k	37.25	49.50	-12.25	19.67	Line	-	17.58	9.68	0.04	9.95			
QP	886.326k	35.18	56.00	-20.82	19.67	Line	-	15.51	9.68	0.05	9.94			
AV	886.326k	24.51	46.00	-21.49	19.67	Line	-	4.84	9.68	0.05	9.94			
QP	1.264M	33.37	56.00	-22.63	19.69	Line	-	13.68	9.69	0.06	9.94			
AV	1.264M	24.97	46.00	-21.03	19.69	Line	-	5.28	9.69	0.06	9.94			
QP	26.803M	29.07	60.00	-30.93	20.09	Line	-	8.98	9.80	0.32	9.97			
AV	26.803M	24.40	50.00	-25.60	20.09	Line	-	4.31	9.80	0.32	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	161.82k	48.16	65.37	-17.21	19.69	Neutral	-	28.47	9.73	0.03	9.93			
AV	161.82k	33.39	55.37	-21.98	19.69	Neutral	-	13.70	9.73	0.03	9.93			
QP	206.437k	42.88	63.34	-20.46	19.68	Neutral	-	23.20	9.72	0.03	9.93			
AV	206.437k	31.05	53.34	-22.29	19.68	Neutral	-	11.37	9.72	0.03	9.93			
QP	331.971k	43.88	59.40	-15.52	19.71	Neutral	-	24.17	9.72	0.04	9.95			
AV	331.971k	35.98	49.40	-13.42	19.71	Neutral	-	16.27	9.72	0.04	9.95			
QP	897.004k	34.36	56.00	-21.64	19.72	Neutral	-	14.64	9.73	0.05	9.94			
AV	897.004k	25.50	46.00	-20.50	19.72	Neutral	-	5.78	9.73	0.05	9.94			
QP	1.172M	31.33	56.00	-24.67	19.73	Neutral	-	11.60	9.73	0.06	9.94			
AV	1.172M	22.64	46.00	-23.36	19.73	Neutral	-	2.91	9.73	0.06	9.94			
QP	26.803M	33.11	60.00	-26.89	20.39	Neutral	-	12.72	10.10	0.32	9.97			
AV	26.803M	31.50	50.00	-18.50	20.39	Neutral	-	11.11	10.10	0.32	9.97			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	331.971k	36.02	49.40	-13.38	Neutral



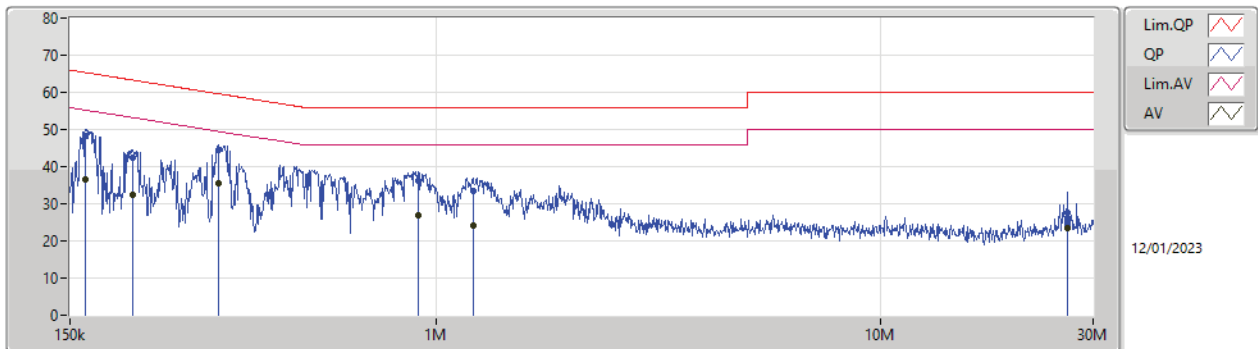
Conducted Emissions at Powerline_C-330E_Radio 3

Appendix A.4

Result

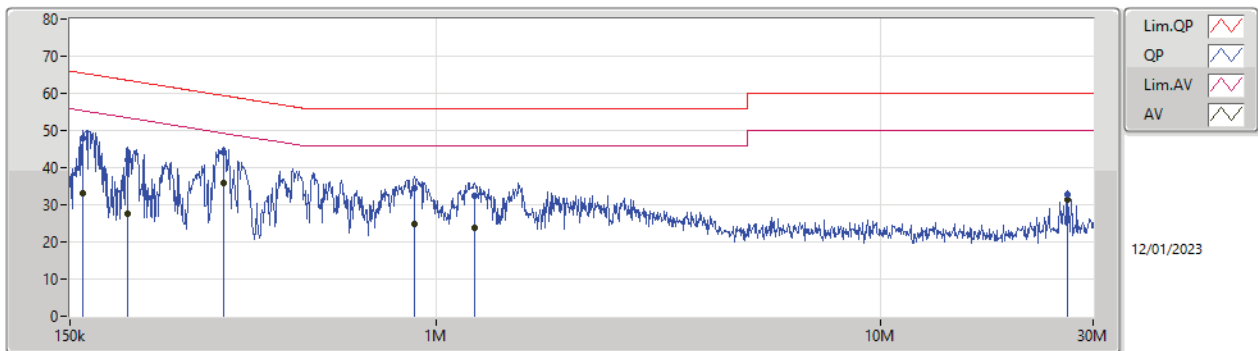
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	162.467k	48.41	65.33	-16.92	Line	-
Mode 1	Pass	AV	162.467k	36.51	55.33	-18.82	Line	-
Mode 1	Pass	QP	207.263k	42.55	63.30	-20.75	Line	-
Mode 1	Pass	AV	207.263k	32.26	53.30	-21.04	Line	-
Mode 1	Pass	QP	324.114k	44.32	59.59	-15.27	Line	-
Mode 1	Pass	AV	324.114k	35.65	49.59	-13.94	Line	-
Mode 1	Pass	QP	907.812k	36.15	56.00	-19.85	Line	-
Mode 1	Pass	AV	907.812k	26.80	46.00	-19.20	Line	-
Mode 1	Pass	QP	1.21M	33.53	56.00	-22.47	Line	-
Mode 1	Pass	AV	1.21M	24.12	46.00	-21.88	Line	-
Mode 1	Pass	QP	26.273M	27.73	60.00	-32.27	Line	-
Mode 1	Pass	AV	26.273M	23.46	50.00	-26.54	Line	-
Mode 1	Pass	QP	160.533k	47.79	65.43	-17.64	Neutral	-
Mode 1	Pass	AV	160.533k	32.95	55.43	-22.48	Neutral	-
Mode 1	Pass	QP	201.551k	42.24	63.55	-21.31	Neutral	-
Mode 1	Pass	AV	201.551k	27.57	53.55	-25.98	Neutral	-
Mode 1	Pass	QP	331.971k	44.08	59.40	-15.32	Neutral	-
Mode 1	Pass	AV	331.971k	36.02	49.40	-13.38	Neutral	-
Mode 1	Pass	QP	893.431k	34.58	56.00	-21.42	Neutral	-
Mode 1	Pass	AV	893.431k	24.86	46.00	-21.14	Neutral	-
Mode 1	Pass	QP	1.22M	32.31	56.00	-23.69	Neutral	-
Mode 1	Pass	AV	1.22M	23.88	46.00	-22.12	Neutral	-
Mode 1	Pass	QP	26.273M	32.61	60.00	-27.39	Neutral	-
Mode 1	Pass	AV	26.273M	31.34	50.00	-18.66	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	162.467k	48.41	65.33	-16.92	19.65	Line	-	28.76	9.69	0.03	9.93				
AV	162.467k	36.51	55.33	-18.82	19.65	Line	-	16.86	9.69	0.03	9.93				
QP	207.263k	42.55	63.30	-20.75	19.65	Line	-	22.90	9.69	0.03	9.93				
AV	207.263k	32.26	53.30	-21.04	19.65	Line	-	12.61	9.69	0.03	9.93				
QP	324.114k	44.32	59.59	-15.27	19.67	Line	-	24.65	9.68	0.04	9.95				
AV	324.114k	35.65	49.59	-13.94	19.67	Line	-	15.98	9.68	0.04	9.95				
QP	907.812k	36.15	56.00	-19.85	19.67	Line	-	16.48	9.68	0.05	9.94				
AV	907.812k	26.80	46.00	-19.20	19.67	Line	-	7.13	9.68	0.05	9.94				
QP	1.21M	33.53	56.00	-22.47	19.69	Line	-	13.84	9.69	0.06	9.94				
AV	1.21M	24.12	46.00	-21.88	19.69	Line	-	4.43	9.69	0.06	9.94				
QP	26.273M	27.73	60.00	-32.27	20.09	Line	-	7.64	9.80	0.32	9.97				
AV	26.273M	23.46	50.00	-26.54	20.09	Line	-	3.37	9.80	0.32	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	160.533k	47.79	65.43	-17.64	19.69	Neutral	-	28.10	9.73	0.03	9.93				
AV	160.533k	32.95	55.43	-22.48	19.69	Neutral	-	13.26	9.73	0.03	9.93				
QP	201.551k	42.24	63.55	-21.31	19.68	Neutral	-	22.56	9.72	0.03	9.93				
AV	201.551k	27.57	53.55	-25.98	19.68	Neutral	-	7.89	9.72	0.03	9.93				
QP	331.971k	44.08	59.40	-15.32	19.71	Neutral	-	24.37	9.72	0.04	9.95				
AV	331.971k	36.02	49.40	-13.38	19.71	Neutral	-	16.31	9.72	0.04	9.95				
QP	893.431k	34.58	56.00	-21.42	19.72	Neutral	-	14.86	9.73	0.05	9.94				
AV	893.431k	24.86	46.00	-21.14	19.72	Neutral	-	5.14	9.73	0.05	9.94				
QP	1.22M	32.31	56.00	-23.69	19.73	Neutral	-	12.58	9.73	0.06	9.94				
AV	1.22M	23.88	46.00	-22.12	19.73	Neutral	-	4.15	9.73	0.06	9.94				
QP	26.273M	32.61	60.00	-27.39	20.38	Neutral	-	12.23	10.09	0.32	9.97				
AV	26.273M	31.34	50.00	-18.66	20.38	Neutral	-	10.96	10.09	0.32	9.97				

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.625M	16.404M	16M4D1D	20.185M	16.382M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.945M	18.941M	18M9D1D	20.9M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.36M	37.781M	37M8D1D	40.81M	37.731M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.72M	77.061M	77M1D1D	82.06M	77.061M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.335M	16.514M	16M5D1D	15.62M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.755M	18.966M	19M0D1D	16.06M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.95M	37.781M	37M8D1D	37.51M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	78.1M	77.161M	77M2D1D	75.68M	77.161M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.57M	16.382M	20.625M	16.404M
5200MHz	Pass	Inf	20.185M	16.382M	20.46M	16.382M
5240MHz	Pass	Inf	20.295M	16.404M	20.57M	16.382M
5745MHz	Pass	500k	15.785M	16.382M	15.62M	16.36M
5785MHz	Pass	500k	15.62M	16.382M	16.335M	16.404M
5825MHz	Pass	500k	16.06M	16.404M	16.06M	16.514M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.9M	18.916M	21.45M	18.941M
5200MHz	Pass	Inf	21.23M	18.916M	21.56M	18.916M
5240MHz	Pass	Inf	21.945M	18.941M	21.065M	18.916M
5745MHz	Pass	500k	18.7M	18.941M	18.15M	18.891M
5785MHz	Pass	500k	18.59M	18.941M	18.755M	18.891M
5825MHz	Pass	500k	17.82M	18.941M	16.06M	18.966M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	37.731M	41.36M	37.731M
5230MHz	Pass	Inf	40.92M	37.731M	40.81M	37.781M
5755MHz	Pass	500k	37.73M	37.781M	37.95M	37.781M
5795MHz	Pass	500k	37.73M	37.781M	37.51M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.72M	77.061M	82.06M	77.061M
5775MHz	Pass	500k	75.68M	77.161M	78.1M	77.161M

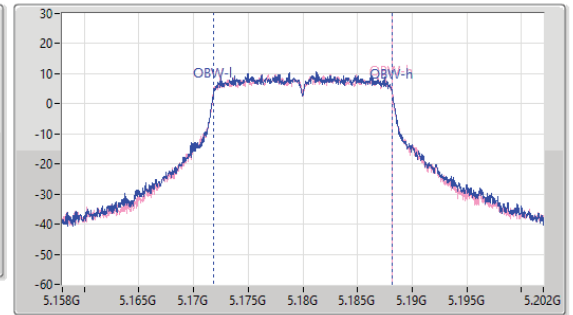
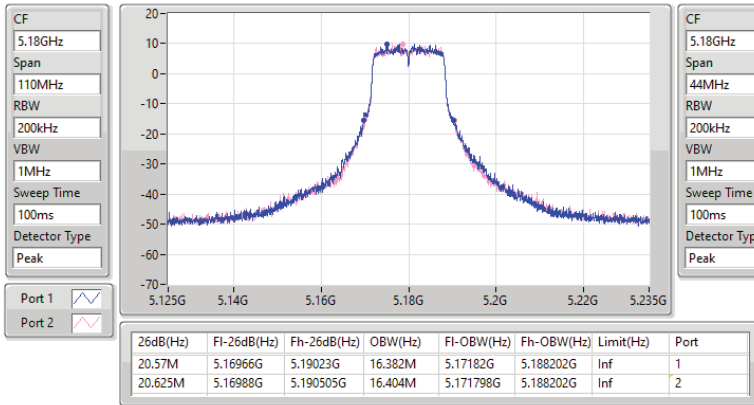
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

05/01/2023

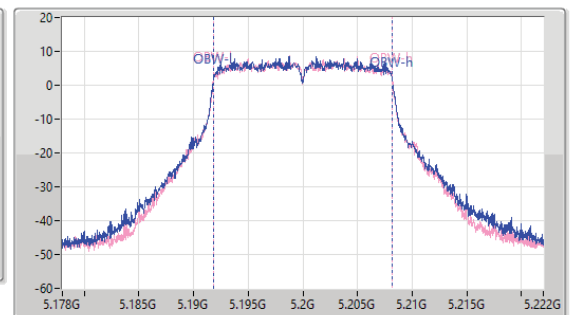
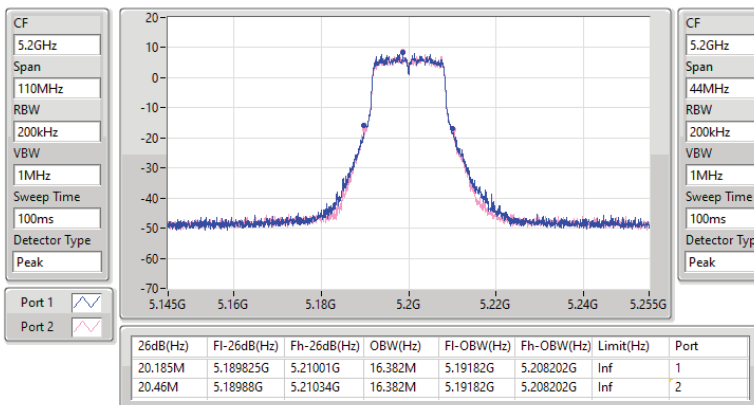


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

05/01/2023

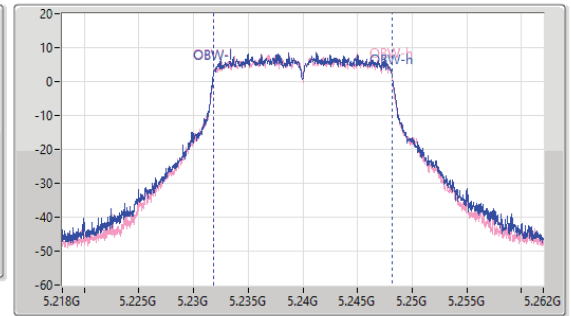
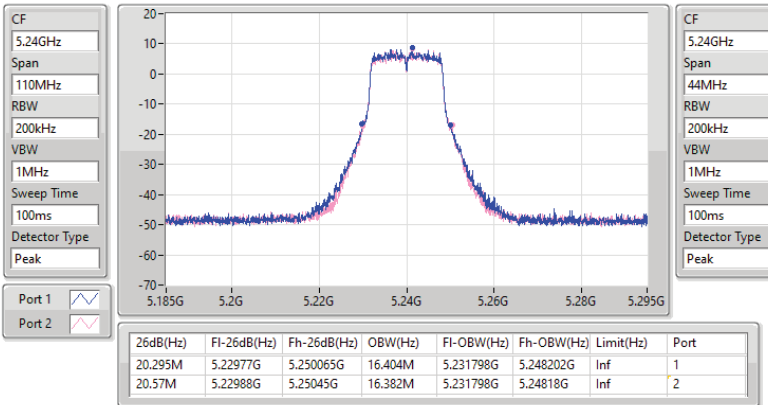


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

05/01/2023

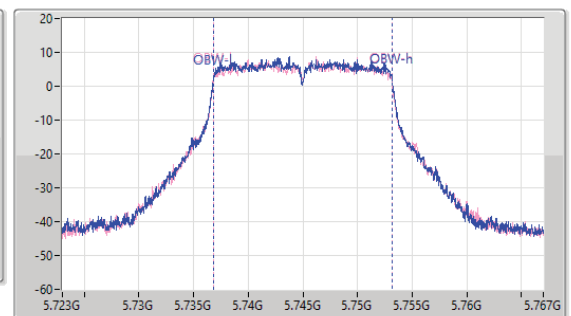
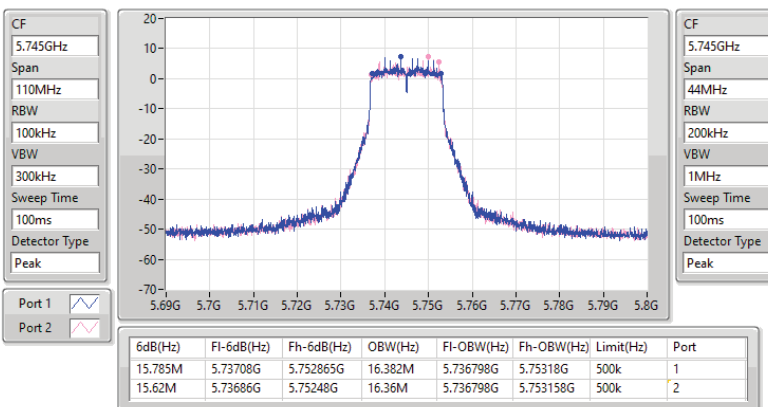


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

05/01/2023

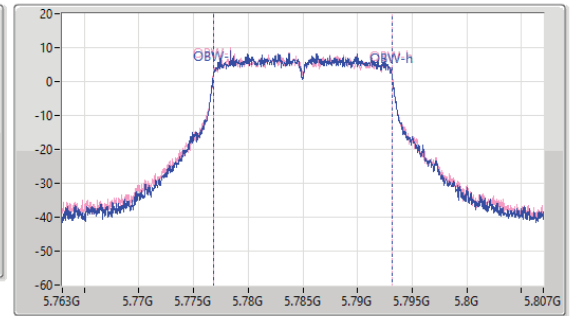
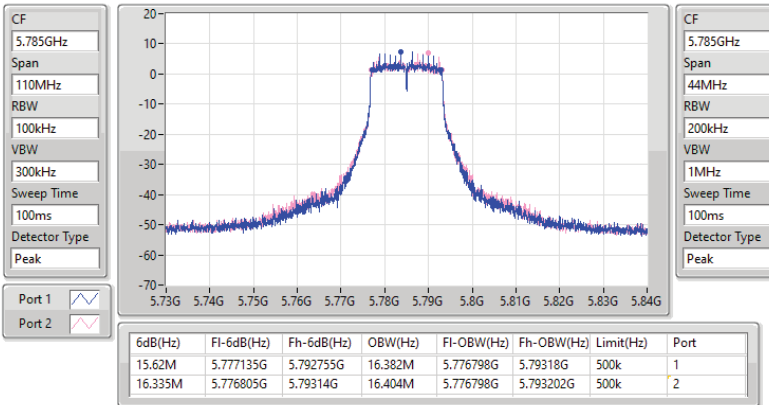


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

05/01/2023

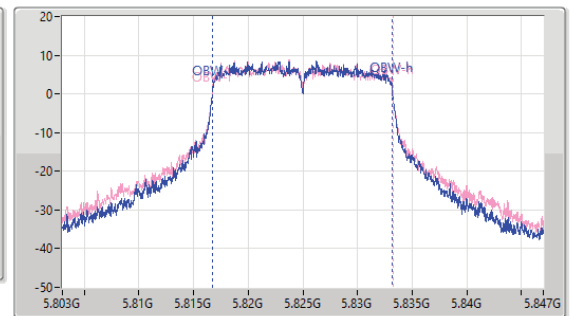
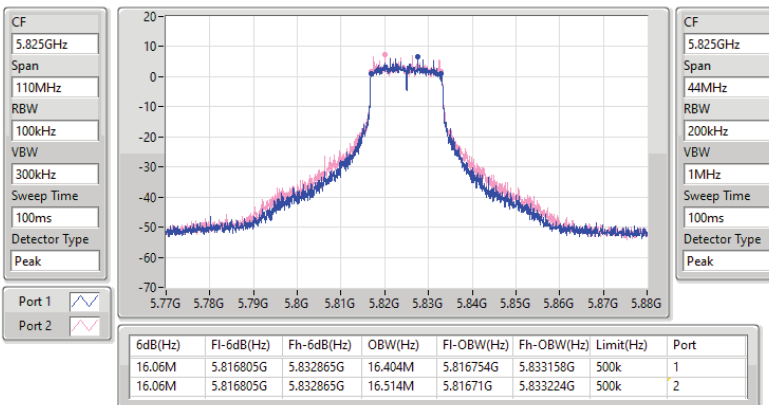


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

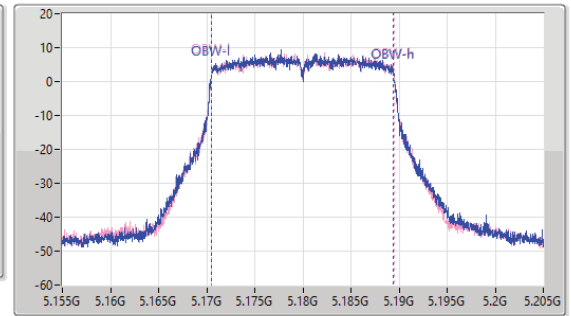
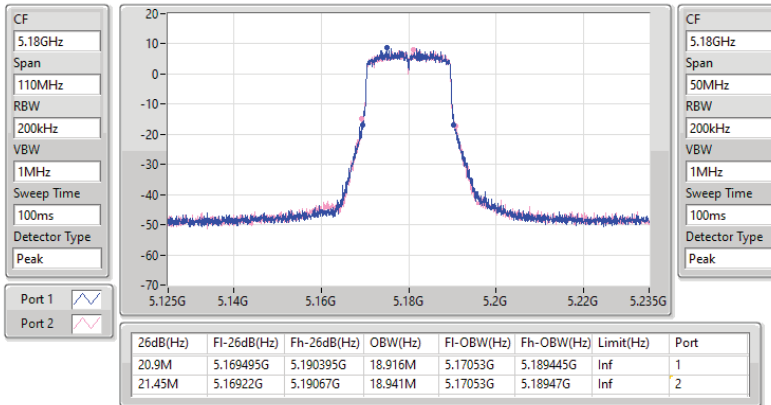
5825MHz

05/01/2023

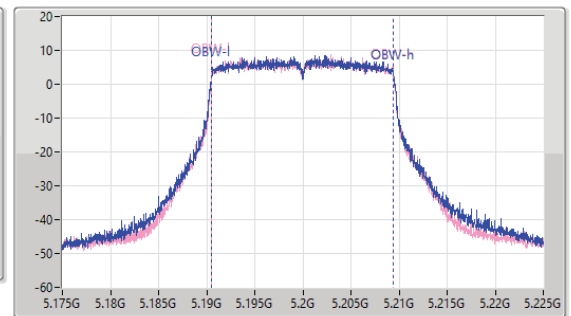
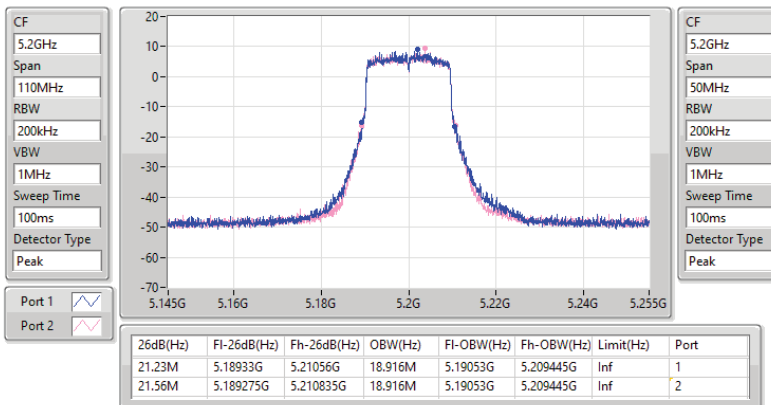


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

05/01/2023

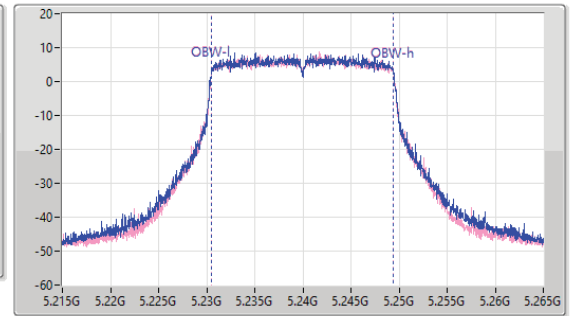
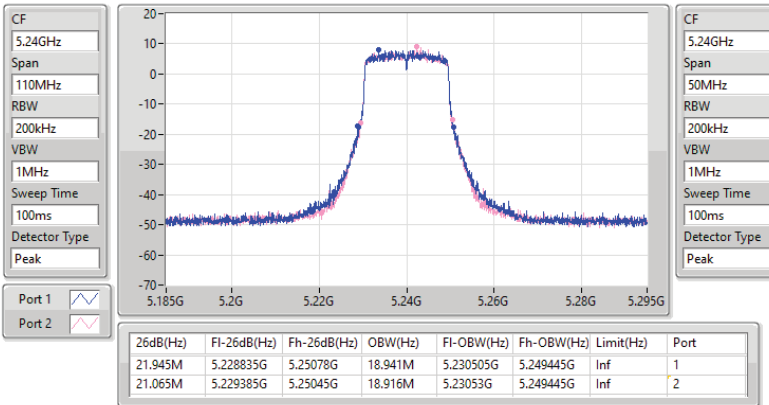

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5200MHz

05/01/2023

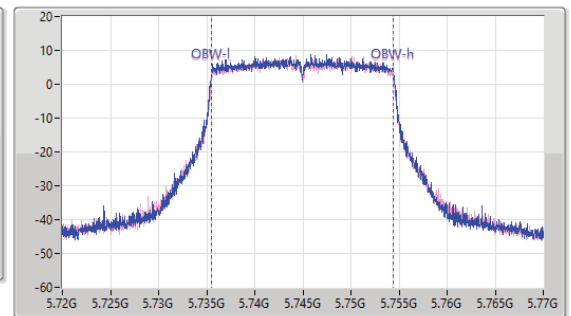
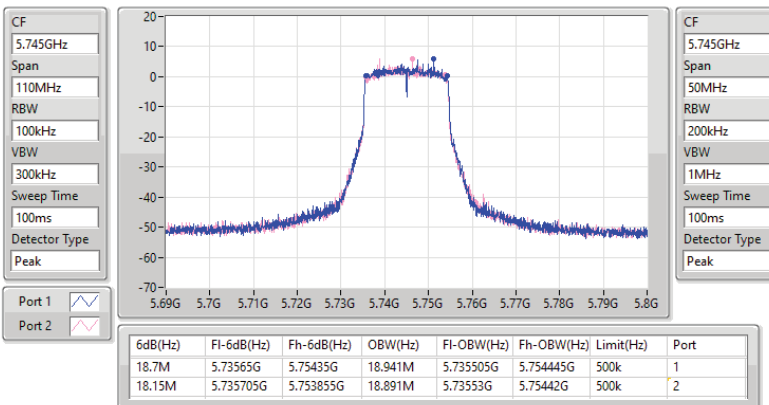


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

05/01/2023


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

05/01/2023

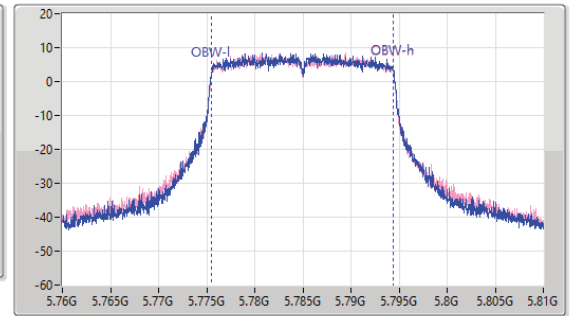
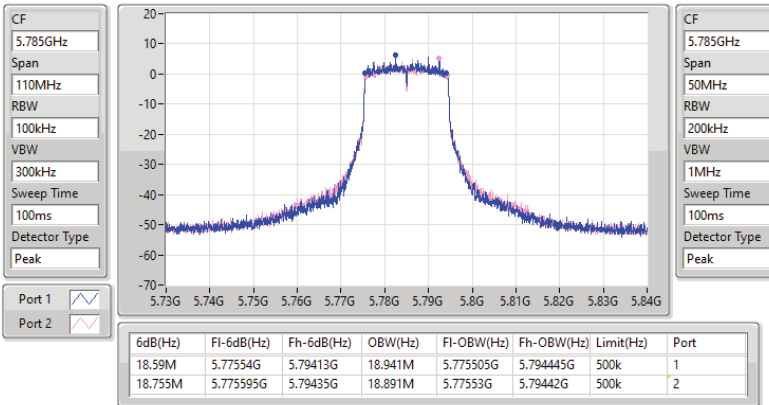


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

05/01/2023

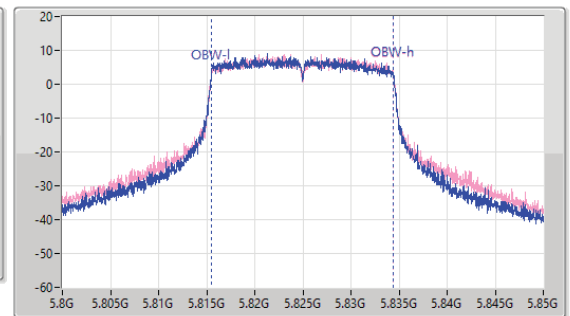
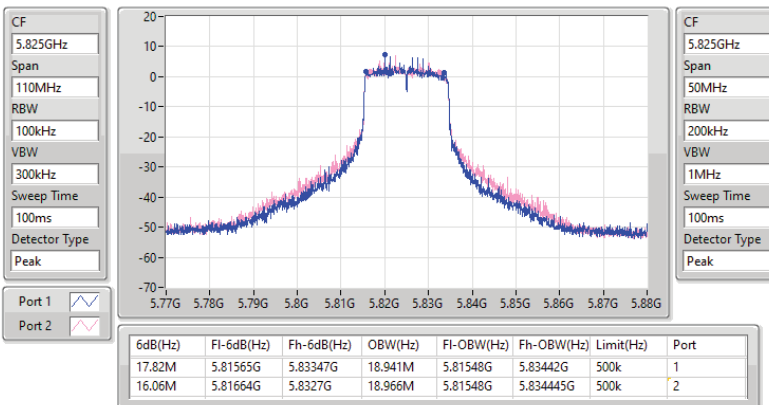


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

05/01/2023

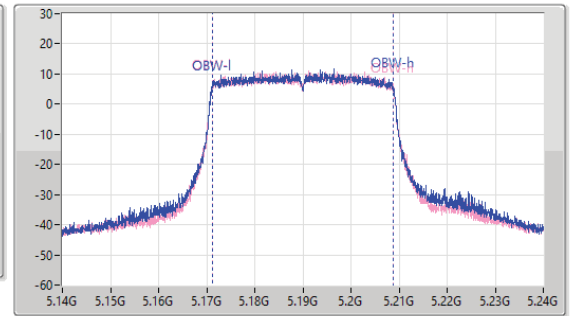
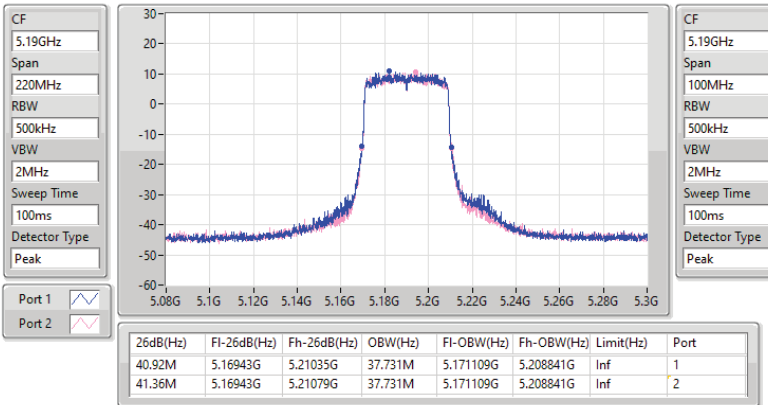


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

05/01/2023

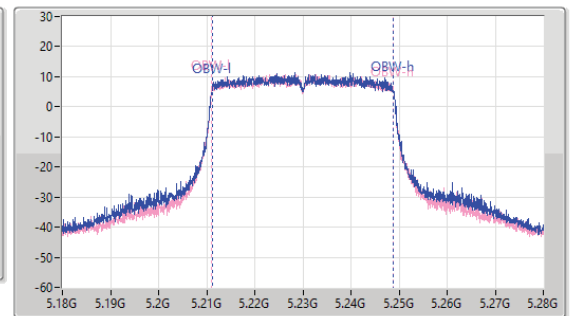
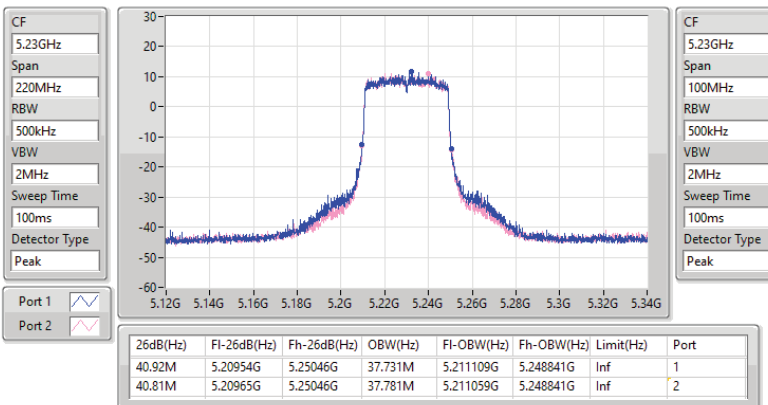


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

05/01/2023

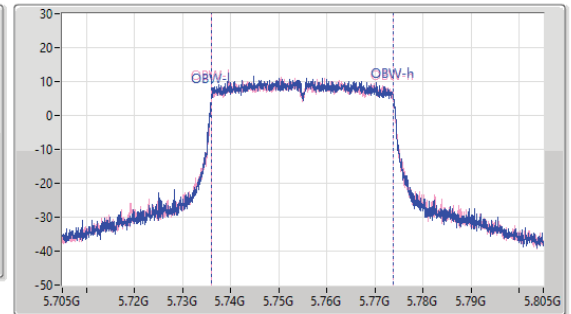
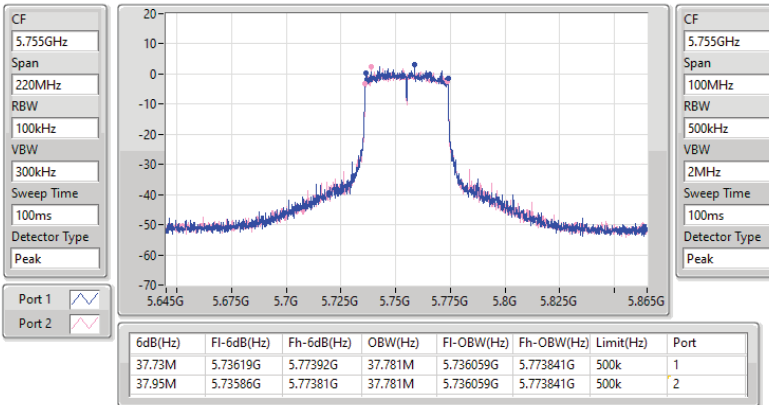


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

05/01/2023

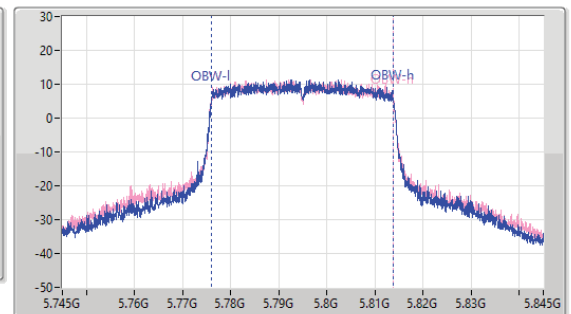
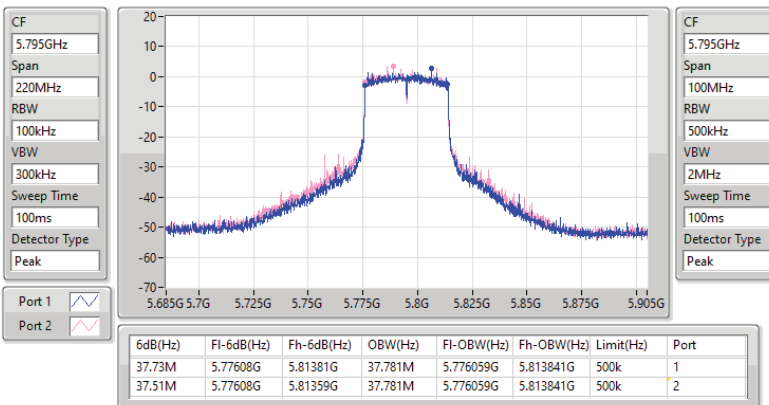


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

05/01/2023

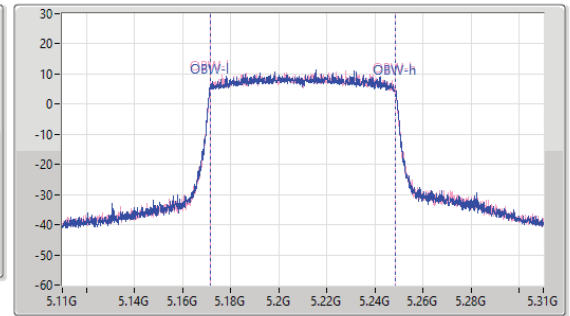
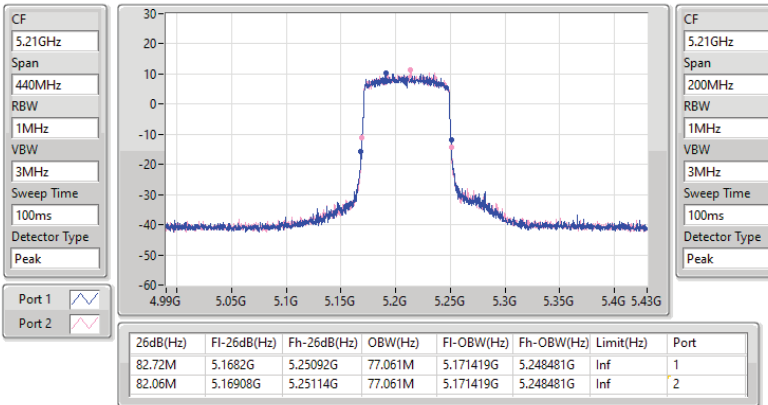


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

05/01/2023

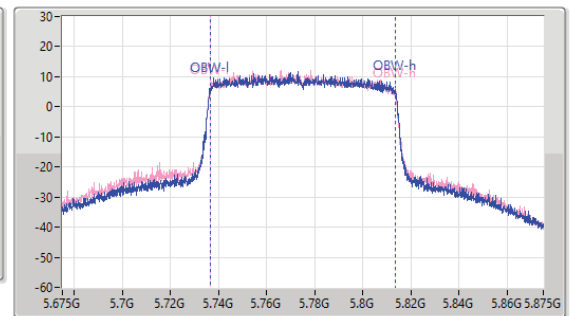
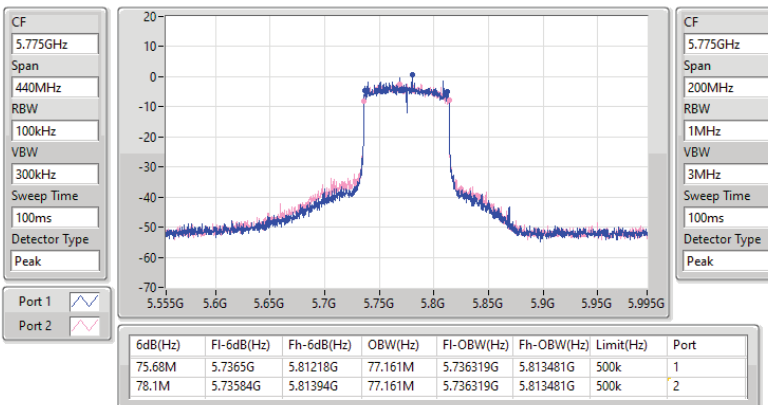


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

05/01/2023



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.35M	16.369M	16M4D1D	19.03M	16.318M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.78M	18.951M	19M0D1D	20.845M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.7M	37.731M	37M7D1D	40.37M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.06M	77.261M	77M3D1D	82.06M	77.161M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.28M	16.514M	16M5D1D	15.785M	16.404M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.865M	19.015M	19M0D1D	18.095M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.84M	37.831M	37M8D1D	37.07M	37.731M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.22M	77.461M	77M5D1D	77M	77.361M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.03M	16.318M	20.295M	16.365M
5200MHz	Pass	Inf	19.8M	16.321M	20.35M	16.369M
5240MHz	Pass	Inf	19.745M	16.332M	19.635M	16.361M
5745MHz	Pass	500k	15.785M	16.404M	16.28M	16.492M
5785MHz	Pass	500k	16.28M	16.426M	16.28M	16.448M
5825MHz	Pass	500k	16.28M	16.404M	16.28M	16.514M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.845M	18.891M	21.12M	18.916M
5200MHz	Pass	Inf	21.78M	18.921M	21.505M	18.951M
5240MHz	Pass	Inf	21.23M	18.915M	21.56M	18.949M
5745MHz	Pass	500k	18.865M	18.941M	18.095M	18.991M
5785MHz	Pass	500k	18.7M	18.991M	18.205M	19.015M
5825MHz	Pass	500k	18.15M	18.966M	18.205M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.37M	37.681M	40.48M	37.681M
5230MHz	Pass	Inf	40.37M	37.731M	40.7M	37.731M
5755MHz	Pass	500k	37.51M	37.731M	37.07M	37.831M
5795MHz	Pass	500k	37.29M	37.781M	37.84M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.06M	77.161M	82.06M	77.261M
5775MHz	Pass	500k	77.22M	77.361M	77M	77.461M

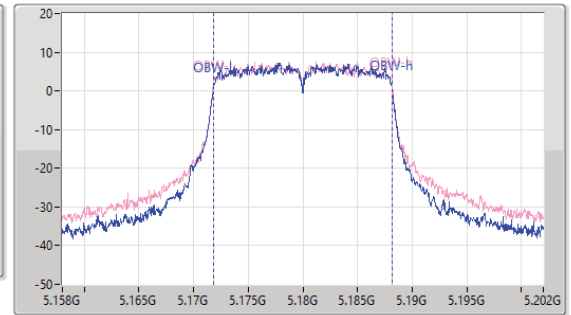
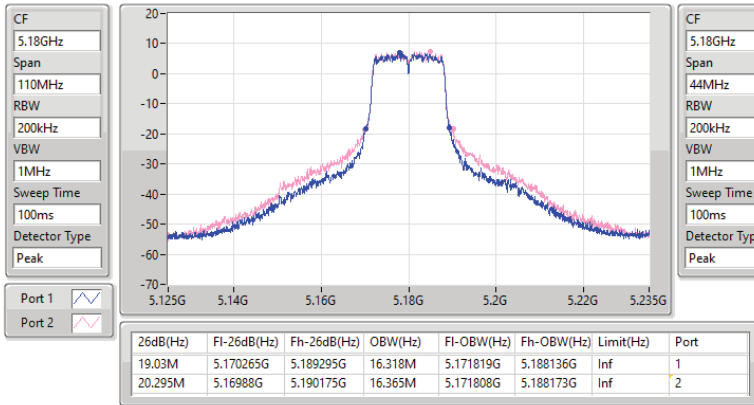
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

24/04/2023

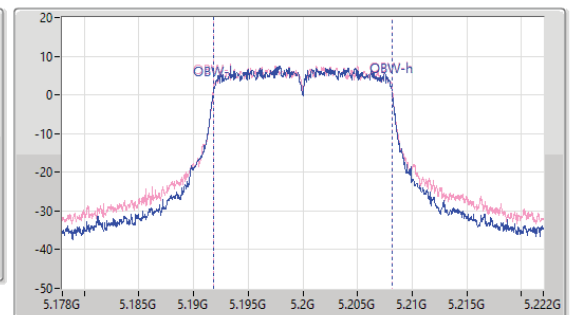
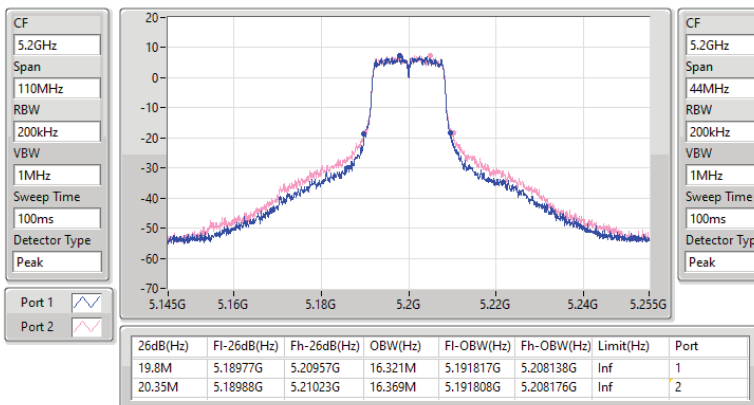


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

24/04/2023

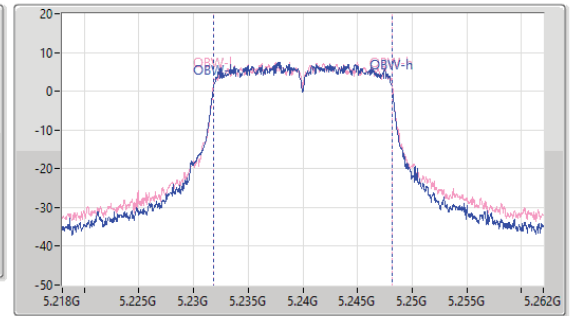
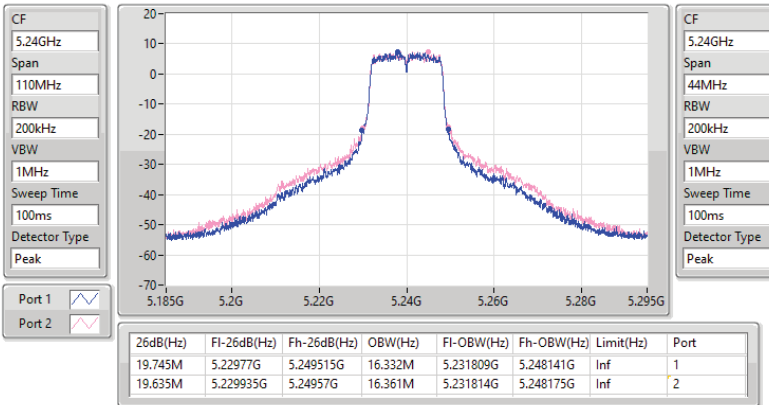


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

24/04/2023

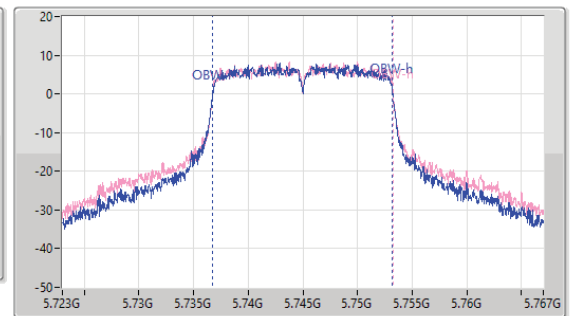
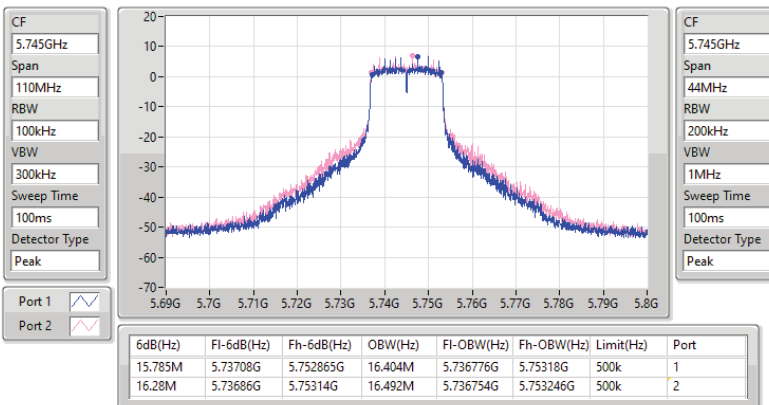


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

05/01/2023

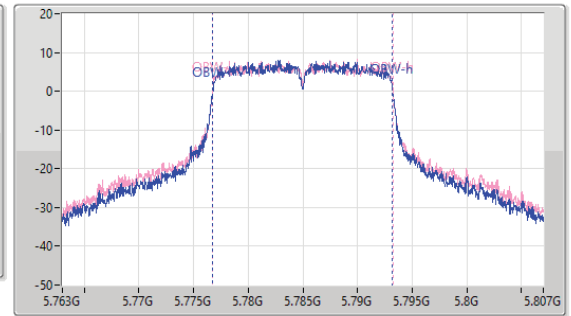
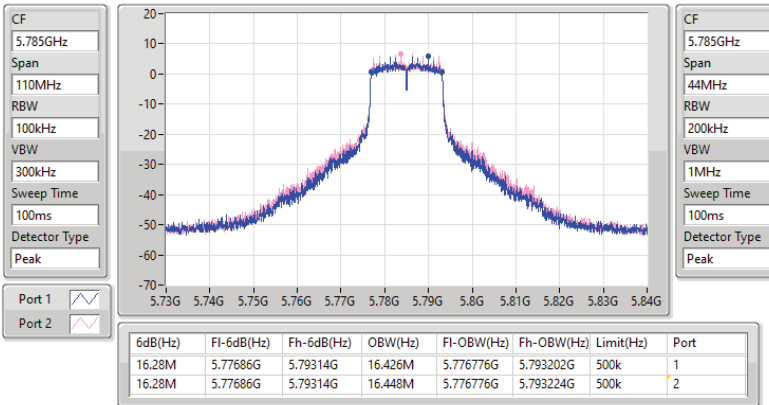


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

05/01/2023

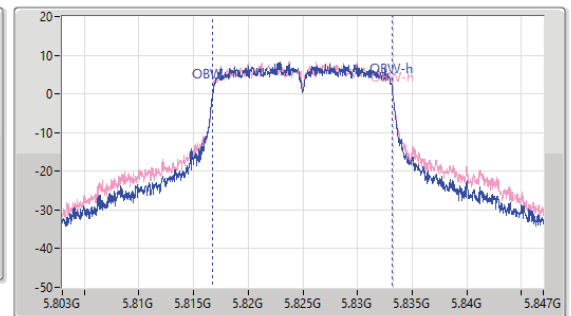
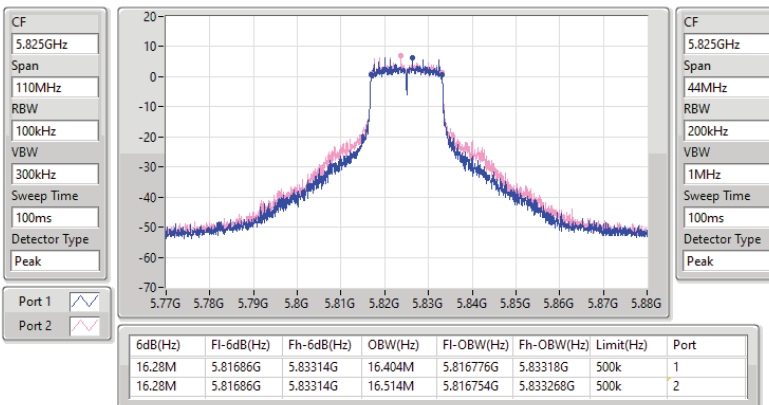


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

05/01/2023

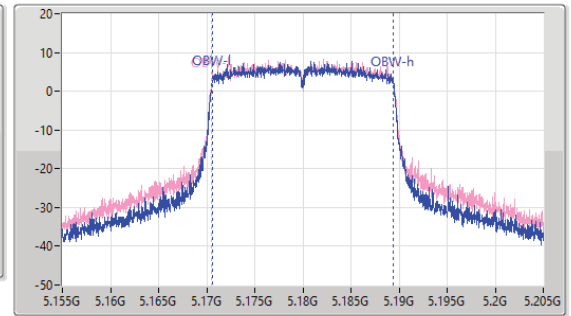
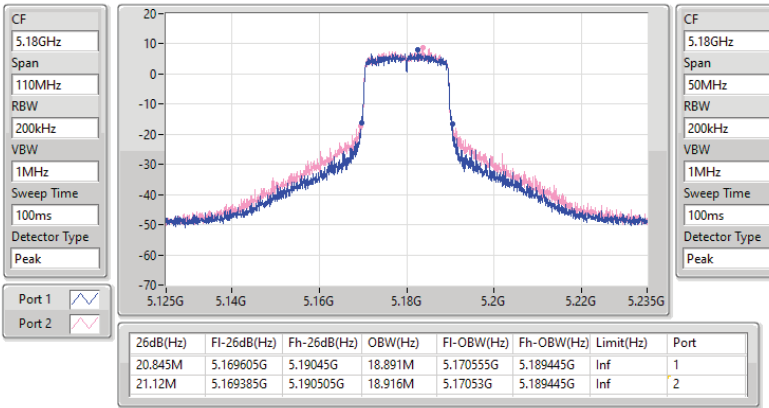


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

05/01/2023

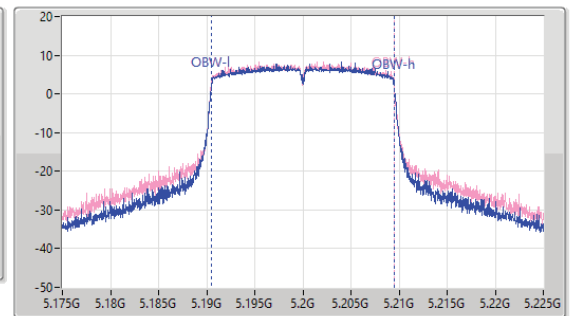
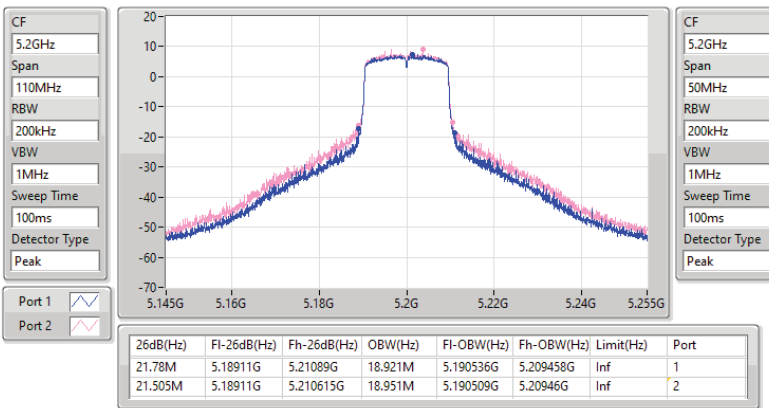


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

24/04/2023

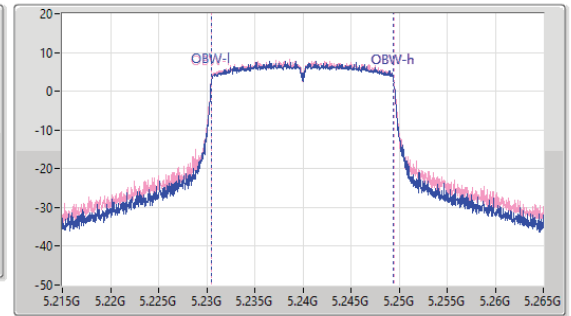
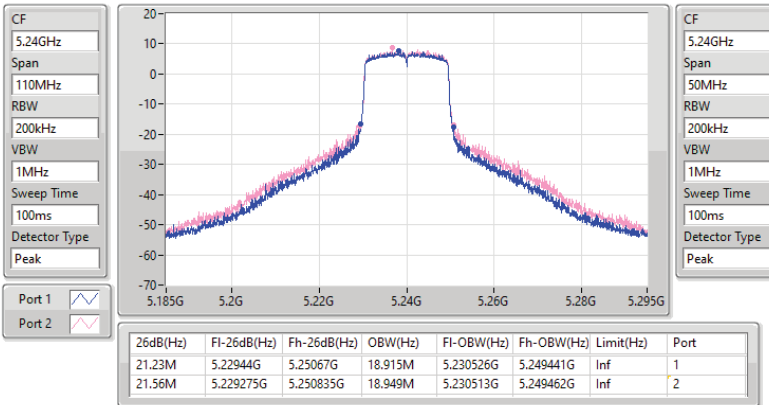


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

24/04/2023

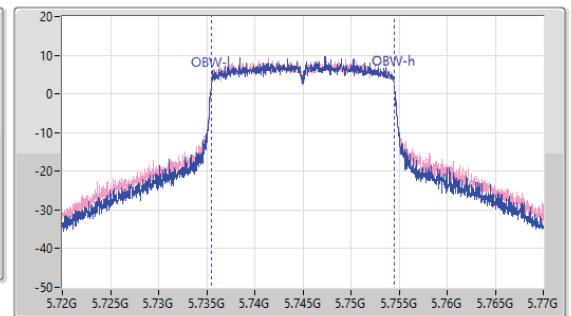
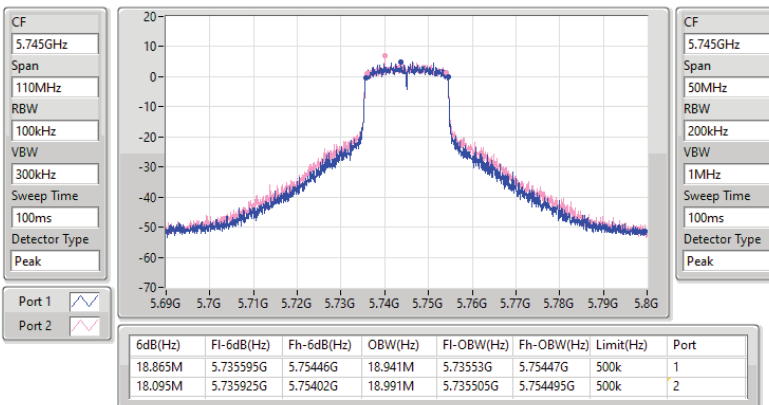


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

05/01/2023

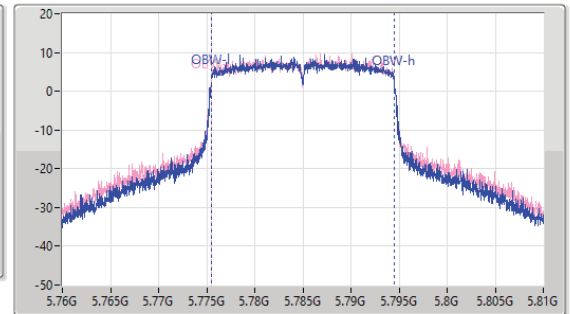
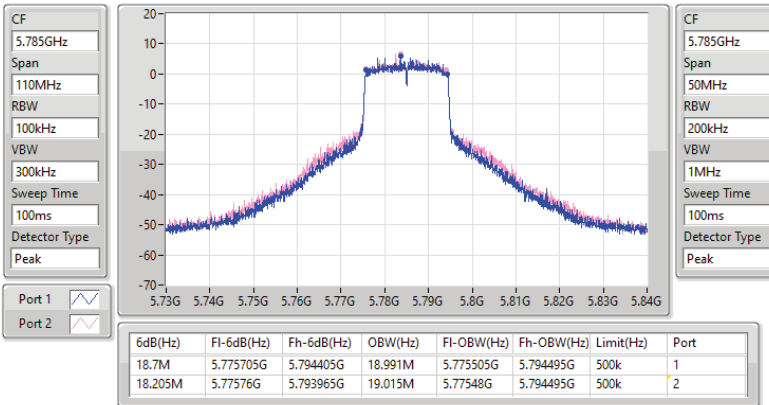


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

05/01/2023

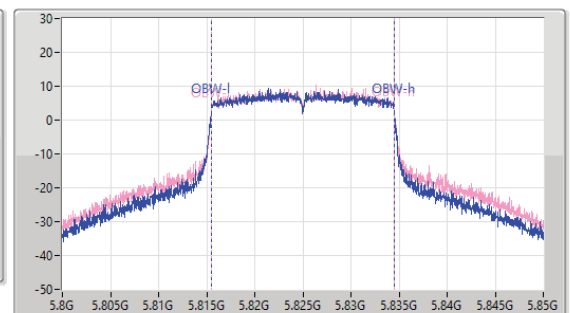
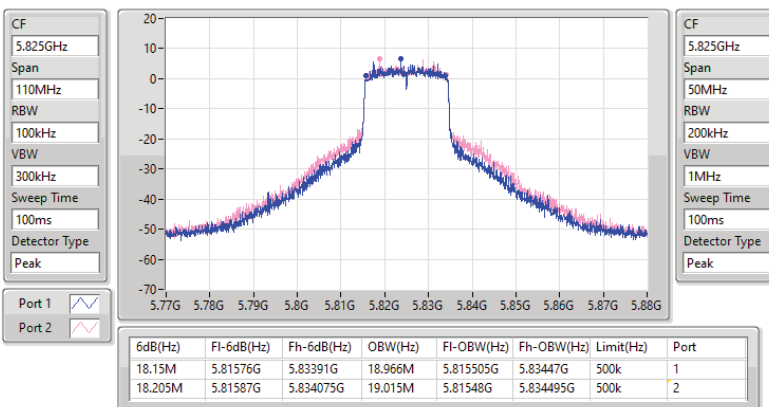


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

05/01/2023

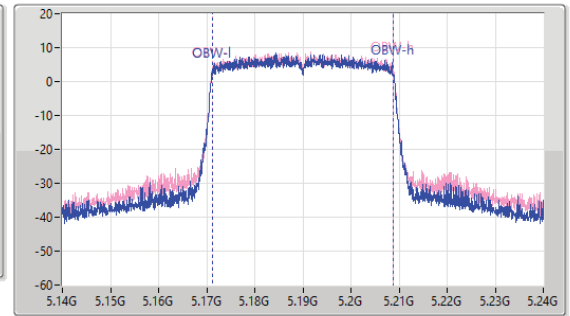
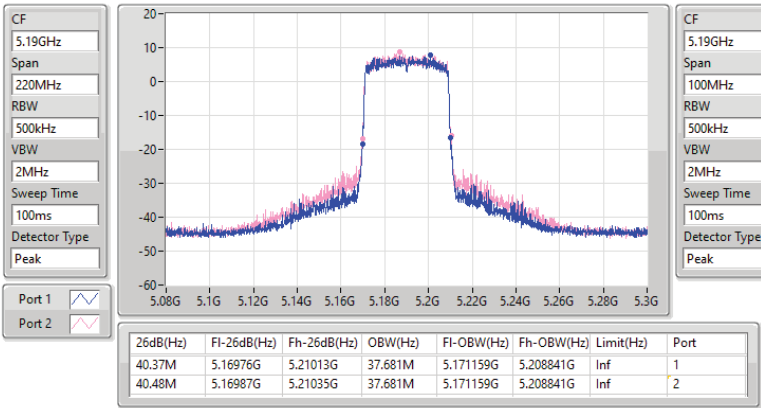


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

05/01/2023

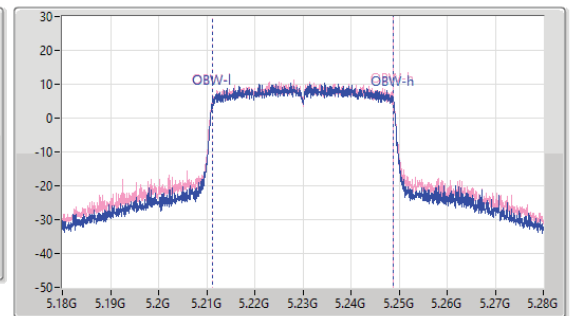
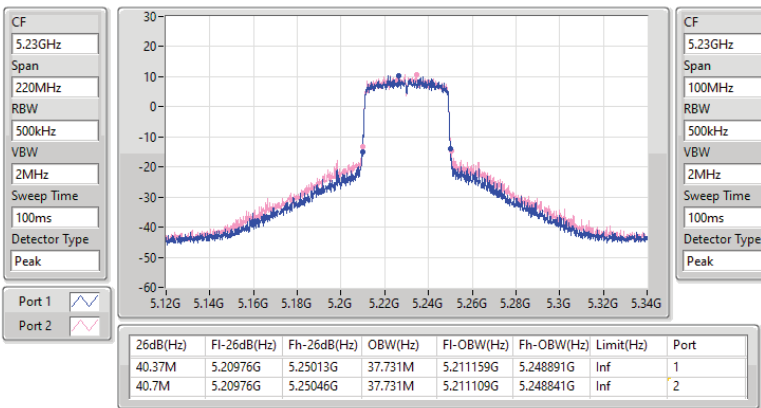


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

05/01/2023

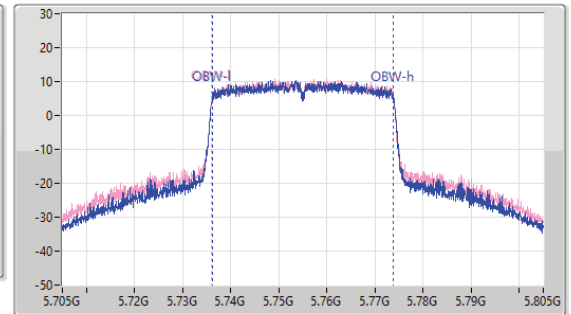
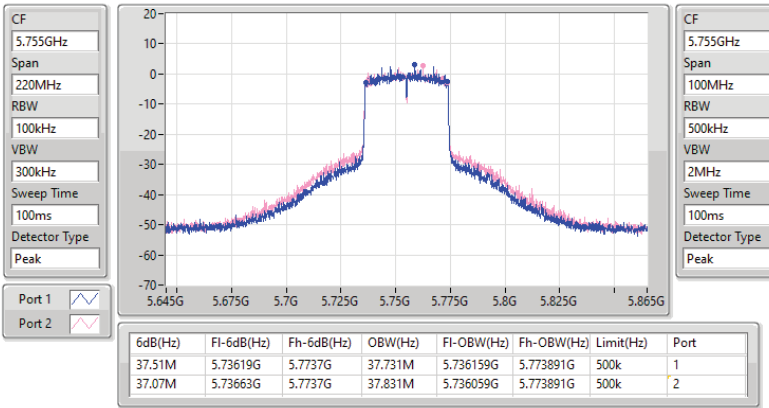


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

05/01/2023

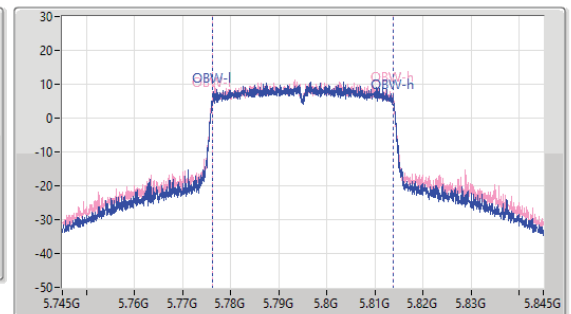
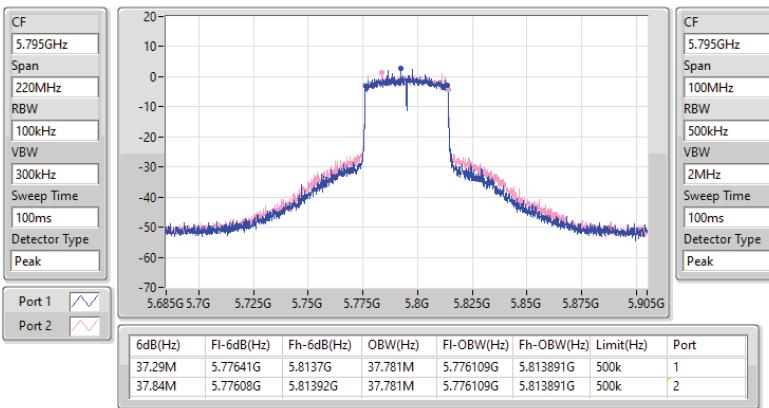


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

05/01/2023



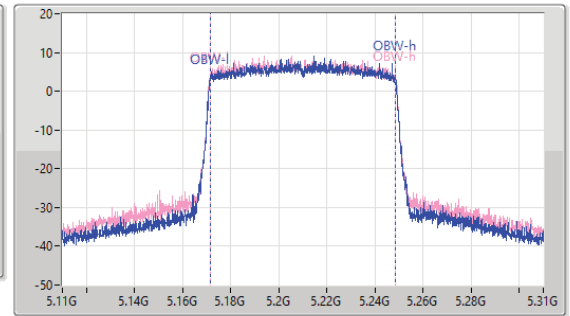
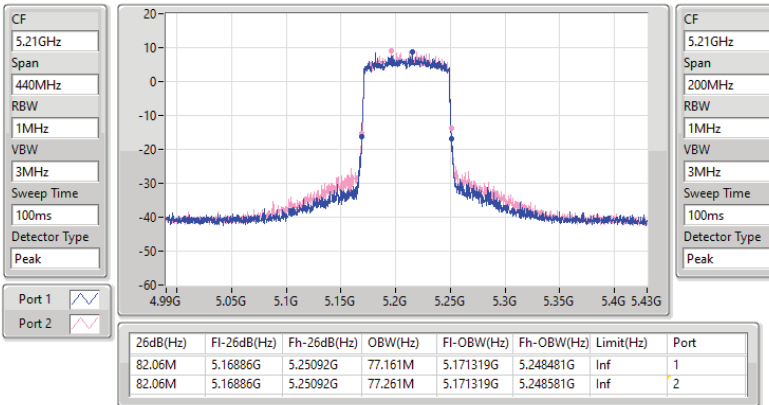


5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

05/01/2023

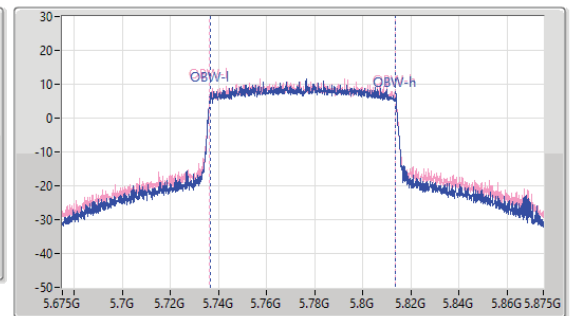
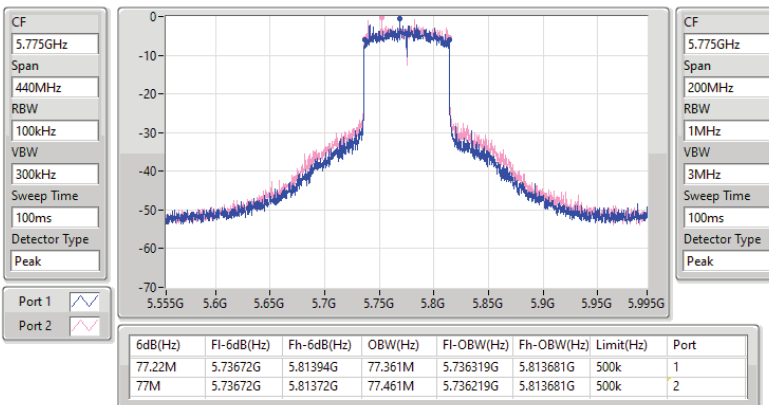


5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

05/01/2023



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.845M	16.404M	16M4D1D	20.13M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.67M	18.941M	18M9D1D	20.955M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.47M	37.781M	37M8D1D	40.81M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.5M	77.061M	77M1D1D	81.84M	77.061M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.28M	16.536M	16M5D1D	15.51M	16.382M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.535M	18.941M	18M9D1D	16.61M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.95M	37.831M	37M8D1D	33.66M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.88M	77.261M	77M3D1D	76.78M	77.061M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.35M	16.382M	20.845M	16.404M
5200MHz	Pass	Inf	20.57M	16.36M	20.625M	16.404M
5240MHz	Pass	Inf	20.13M	16.36M	20.68M	16.382M
5745MHz	Pass	500k	16.28M	16.382M	15.62M	16.382M
5785MHz	Pass	500k	15.51M	16.382M	16.28M	16.404M
5825MHz	Pass	500k	15.895M	16.47M	16.005M	16.536M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.955M	18.916M	21.285M	18.916M
5200MHz	Pass	Inf	21.34M	18.941M	21.67M	18.916M
5240MHz	Pass	Inf	21.395M	18.916M	21.395M	18.941M
5745MHz	Pass	500k	16.61M	18.891M	17.655M	18.941M
5785MHz	Pass	500k	18.535M	18.916M	17.655M	18.891M
5825MHz	Pass	500k	17.545M	18.941M	17.05M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.81M	37.681M	41.47M	37.781M
5230MHz	Pass	Inf	41.03M	37.781M	41.25M	37.781M
5755MHz	Pass	500k	37.95M	37.781M	33.66M	37.781M
5795MHz	Pass	500k	36.08M	37.781M	36.85M	37.831M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	77.061M	82.5M	77.061M
5775MHz	Pass	500k	76.78M	77.261M	77.88M	77.061M

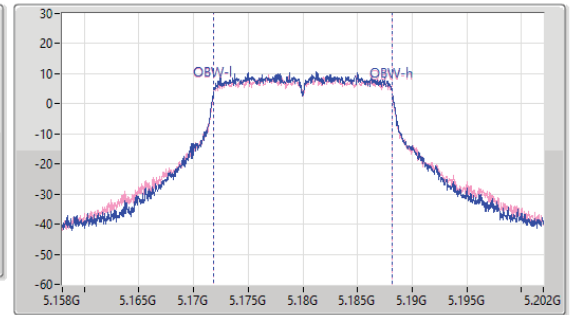
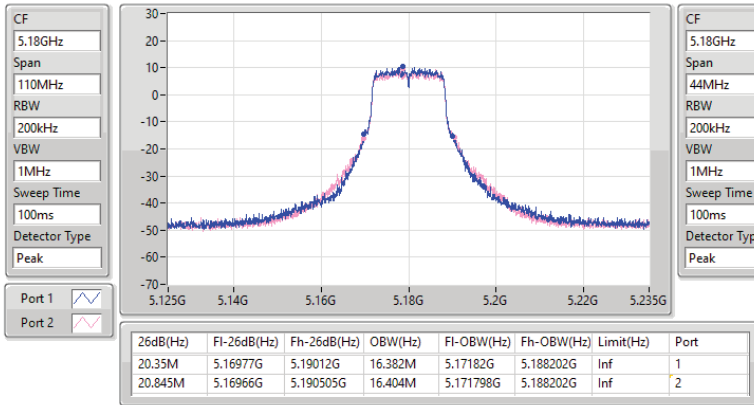
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

12/01/2023

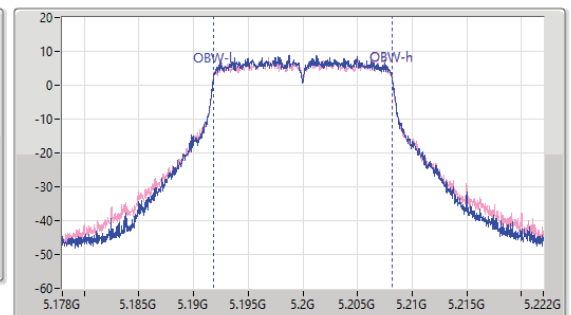
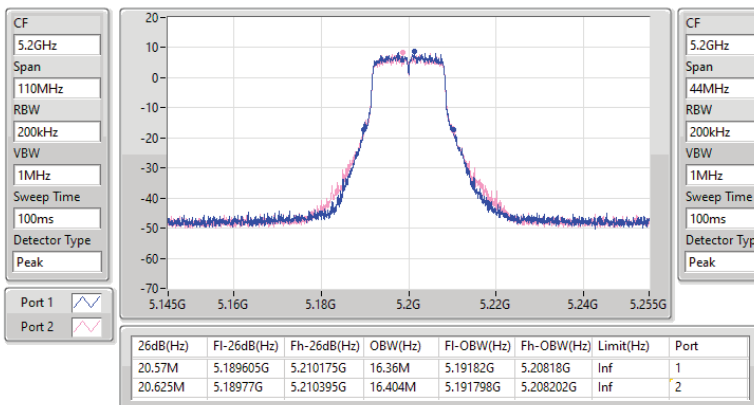


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

12/01/2023

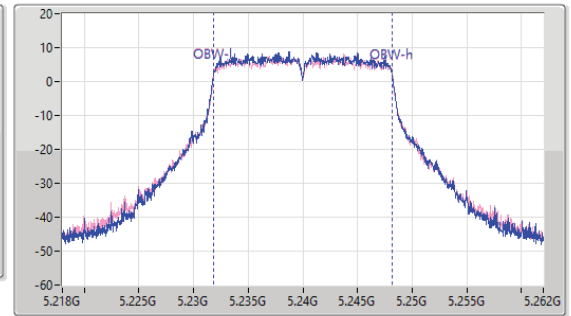
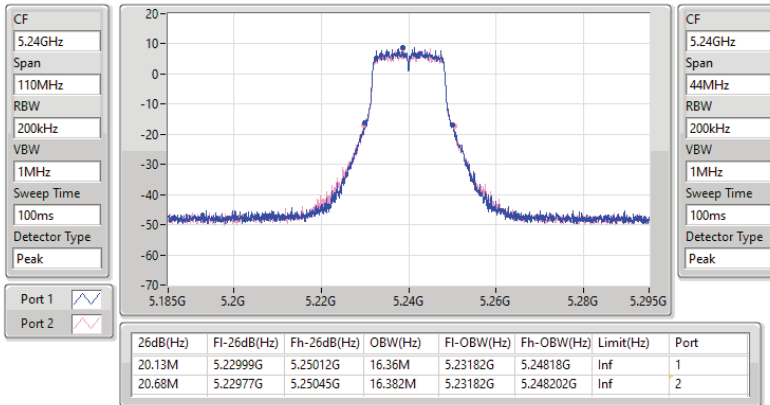


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

12/01/2023

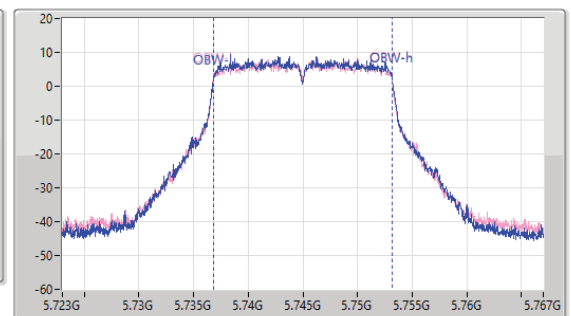
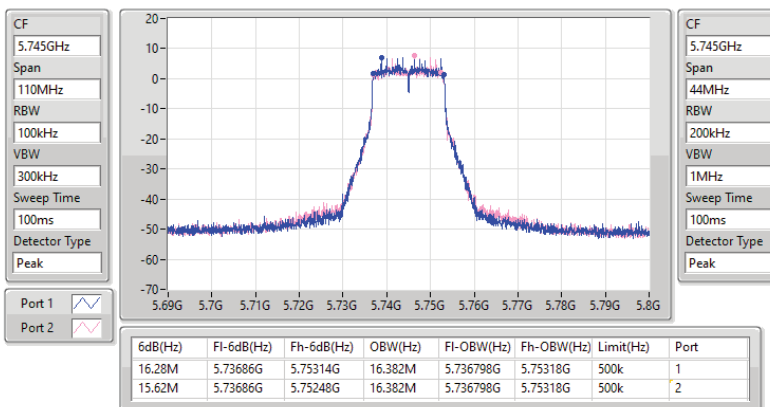


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

12/01/2023

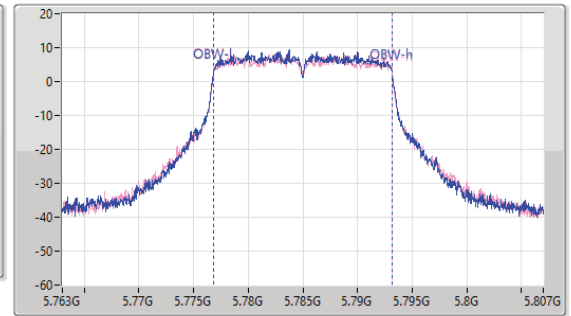
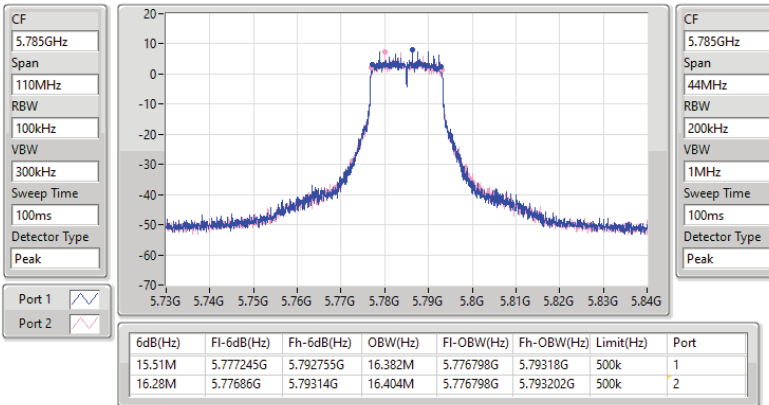


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

12/01/2023

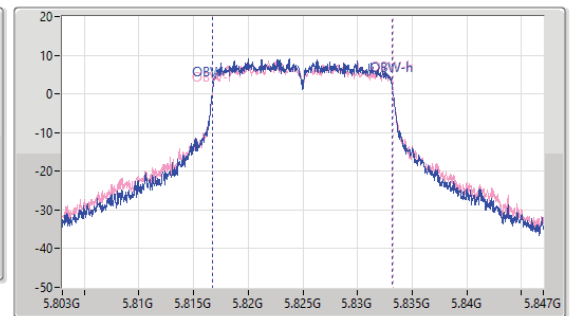
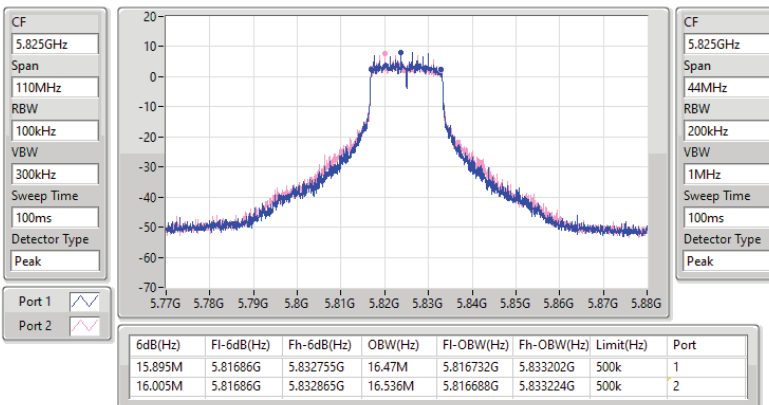


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

12/01/2023

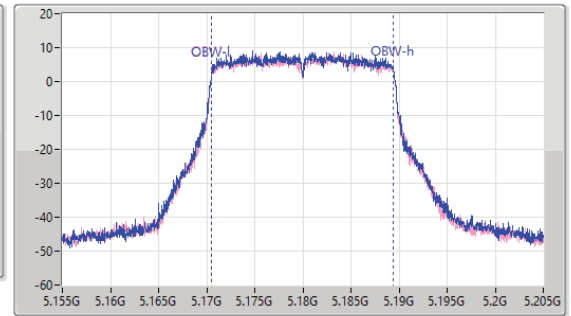
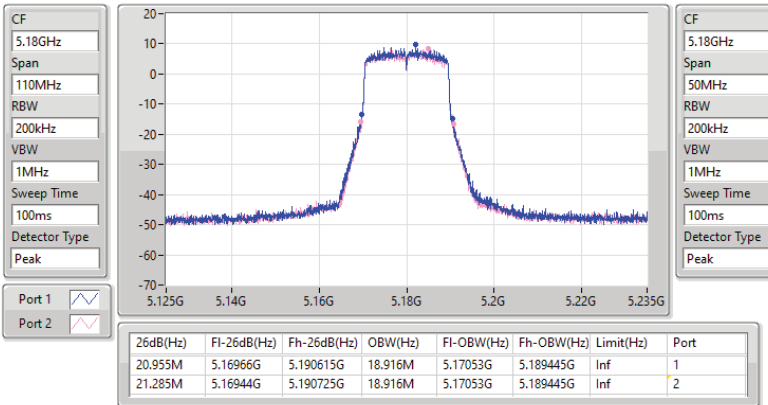


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

13/01/2023

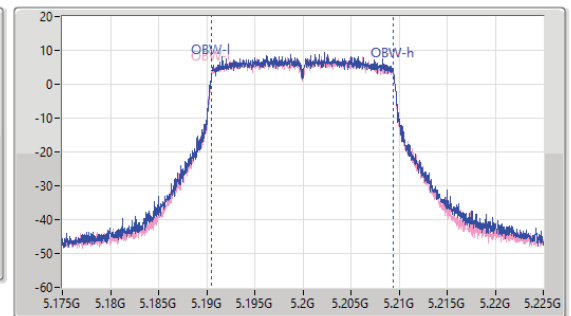
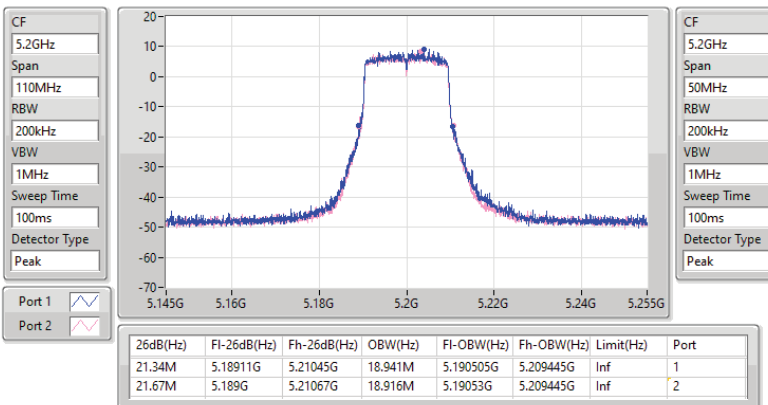


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

13/01/2023

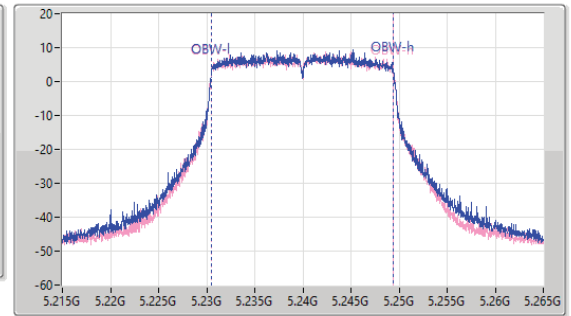
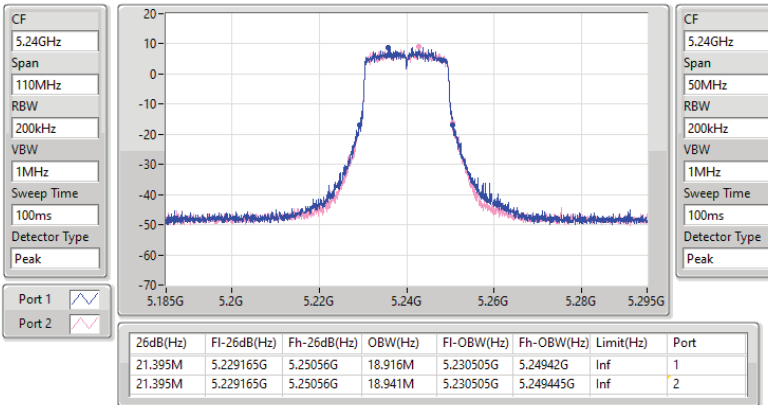


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

13/01/2023

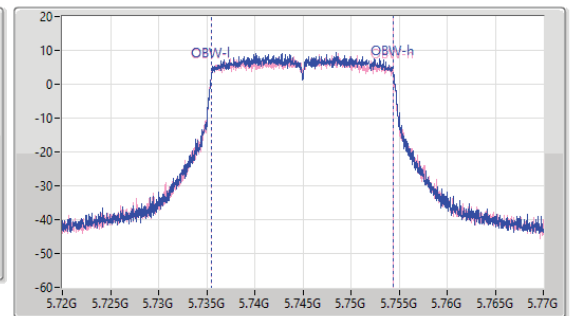
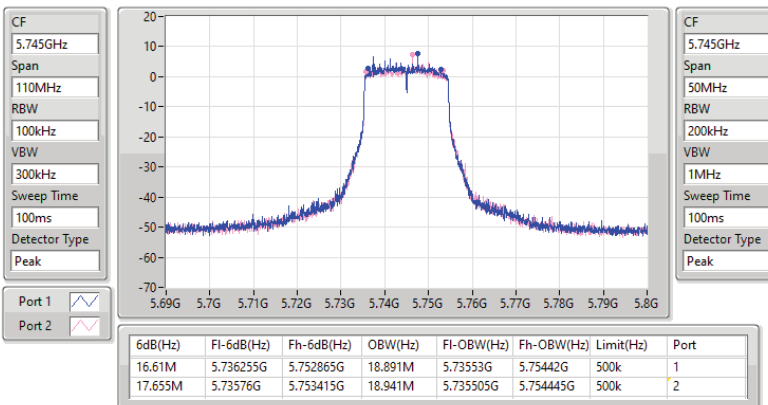


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

13/01/2023

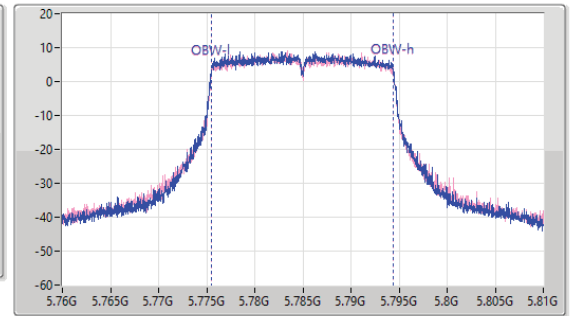
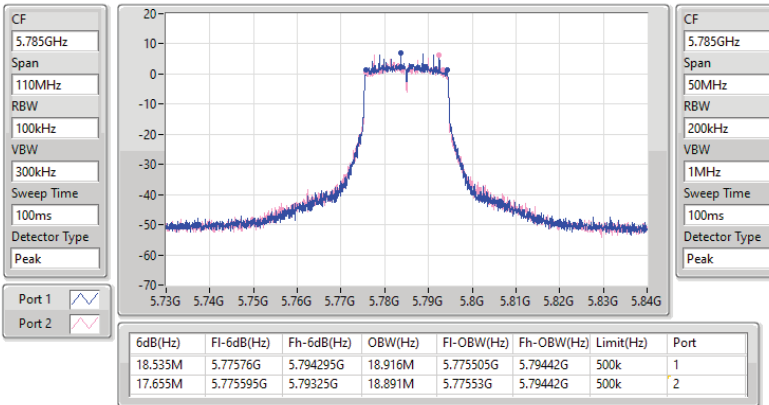


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

13/01/2023

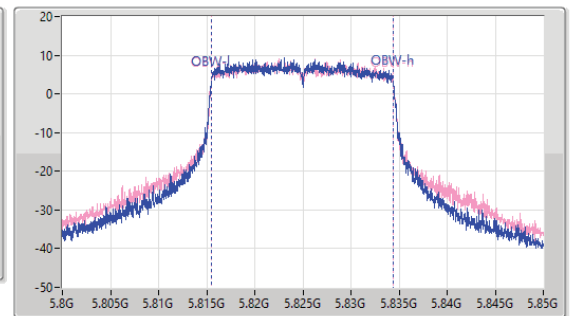
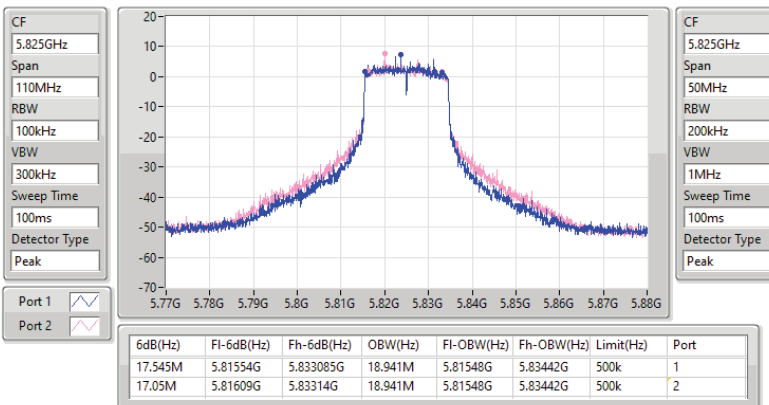


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

13/01/2023

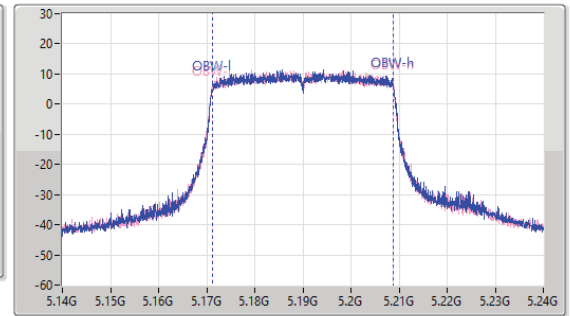
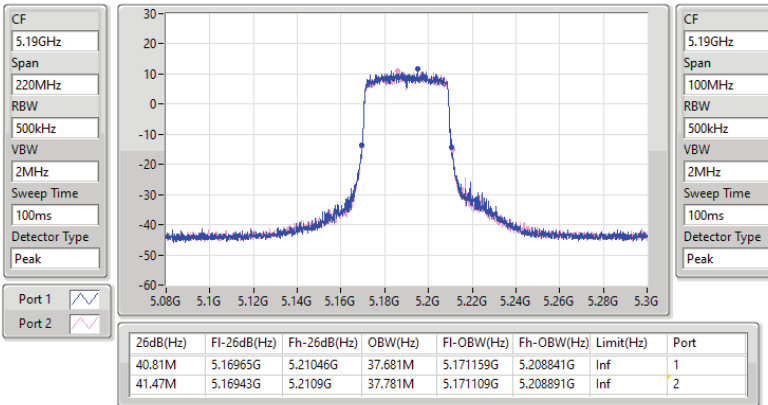


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

13/01/2023

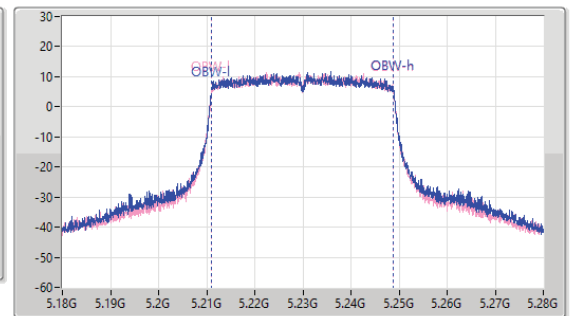
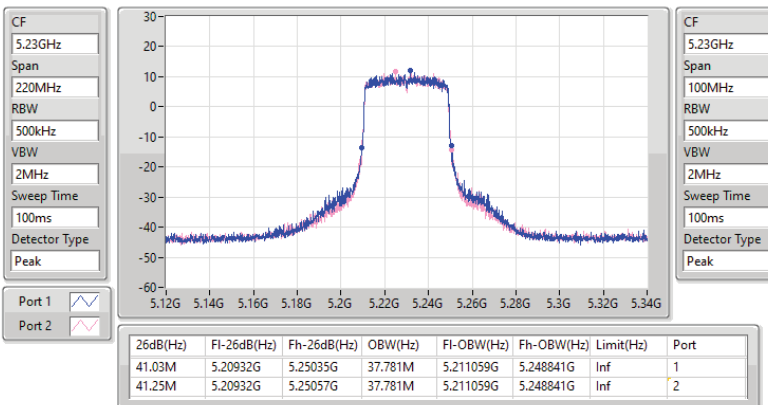


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

13/01/2023

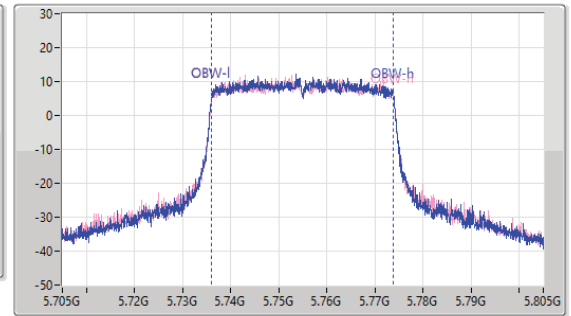
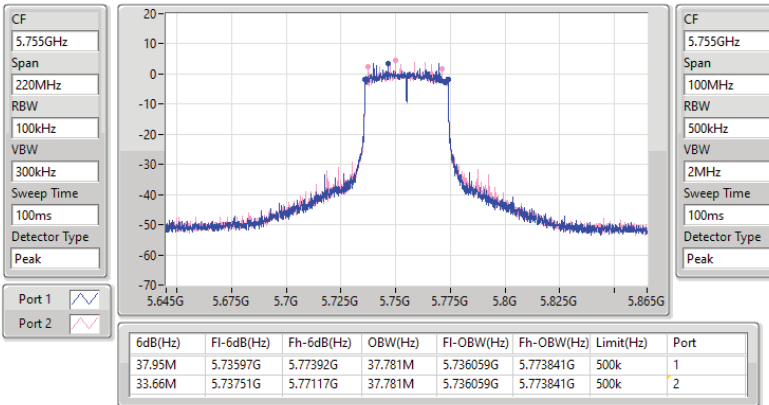


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

13/01/2023

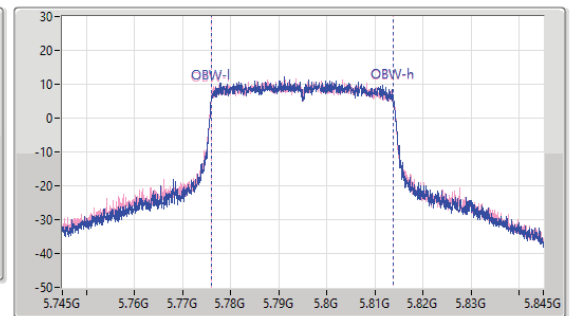
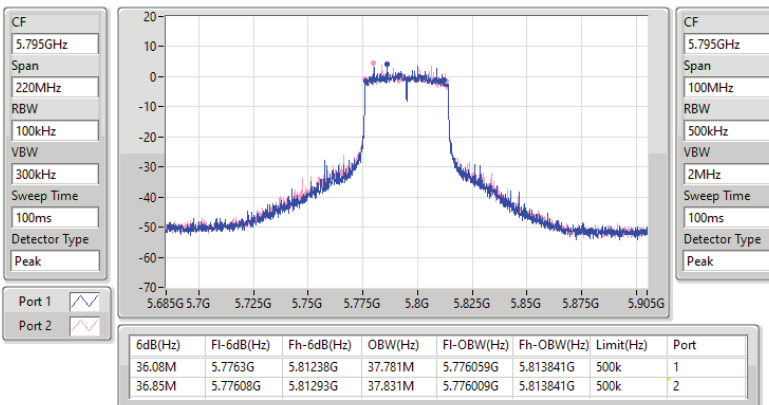


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

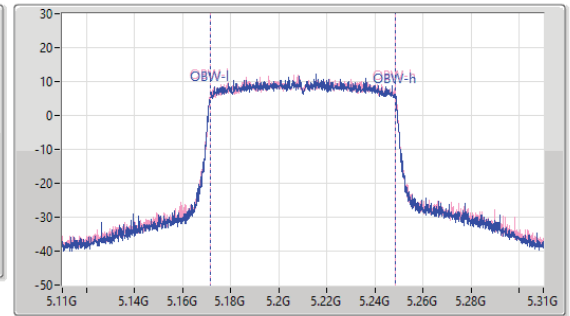
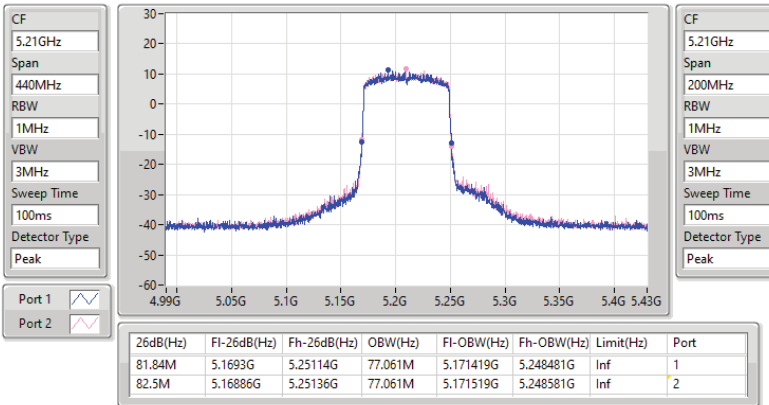
5795MHz

13/01/2023

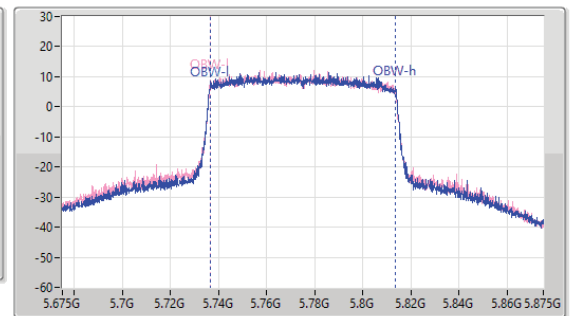
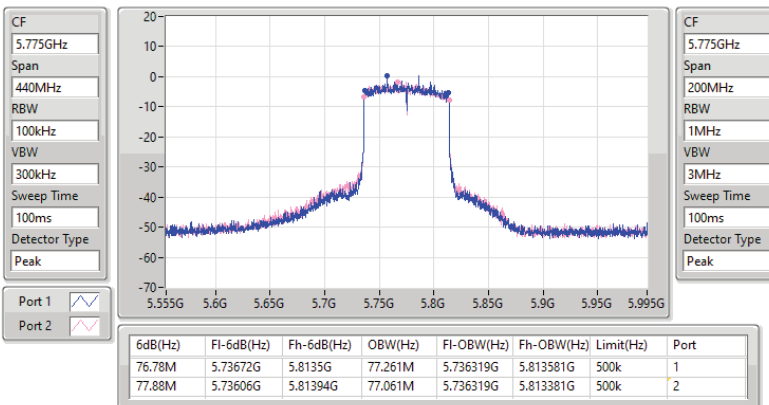


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

13/01/2023


5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

13/01/2023



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.35M	16.365M	16M4D1D	19.195M	16.317M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.67M	18.932M	18M9D1D	20.79M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.81M	37.731M	37M7D1D	40.37M	37.631M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.28M	77.361M	77M4D1D	82.28M	77.261M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.28M	16.426M	16M4D1D	16.005M	16.36M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.81M	18.966M	19M0D1D	17.82M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.62M	37.781M	37M8D1D	37.4M	37.681M
802.11ax HEW80_Nss1,(MCS0)_2TX	77M	77.161M	77M2D1D	74.58M	77.161M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.195M	16.317M	19.47M	16.353M
5200MHz	Pass	Inf	19.525M	16.326M	20.35M	16.365M
5240MHz	Pass	Inf	19.635M	16.324M	19.415M	16.353M
5745MHz	Pass	500k	16.28M	16.36M	16.005M	16.404M
5785MHz	Pass	500k	16.28M	16.36M	16.28M	16.404M
5825MHz	Pass	500k	16.005M	16.36M	16.28M	16.426M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.79M	18.891M	21.505M	18.916M
5200MHz	Pass	Inf	21.395M	18.902M	21.505M	18.932M
5240MHz	Pass	Inf	21.23M	18.903M	21.67M	18.909M
5745MHz	Pass	500k	18.535M	18.941M	18.81M	18.966M
5785MHz	Pass	500k	18.59M	18.916M	18.755M	18.966M
5825MHz	Pass	500k	18.755M	18.916M	17.82M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.37M	37.631M	40.48M	37.631M
5230MHz	Pass	Inf	40.7M	37.731M	40.81M	37.731M
5755MHz	Pass	500k	37.4M	37.681M	37.62M	37.781M
5795MHz	Pass	500k	37.4M	37.731M	37.4M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.28M	77.261M	82.28M	77.361M
5775MHz	Pass	500k	74.58M	77.161M	77M	77.161M

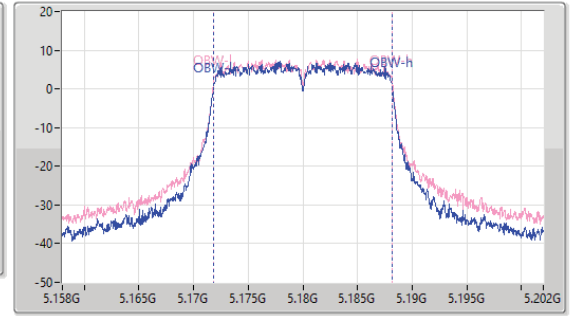
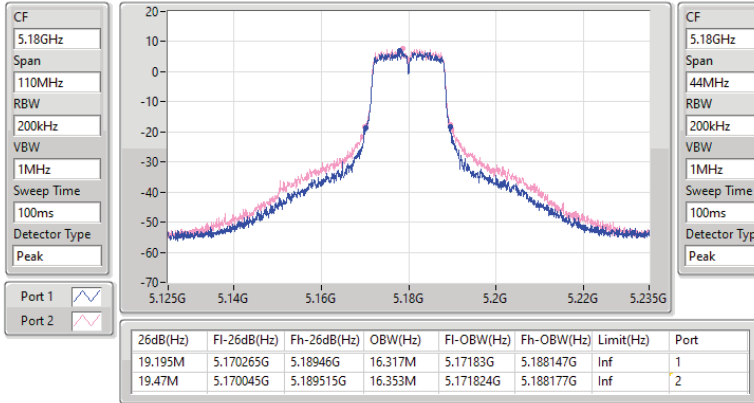
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

24/04/2023

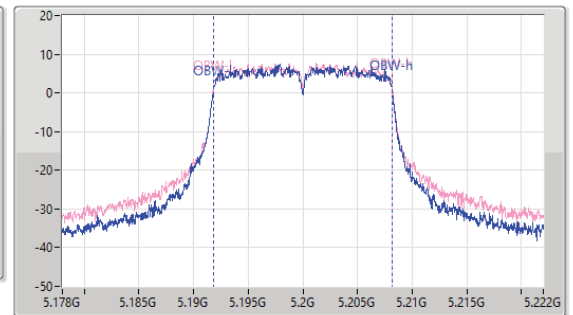
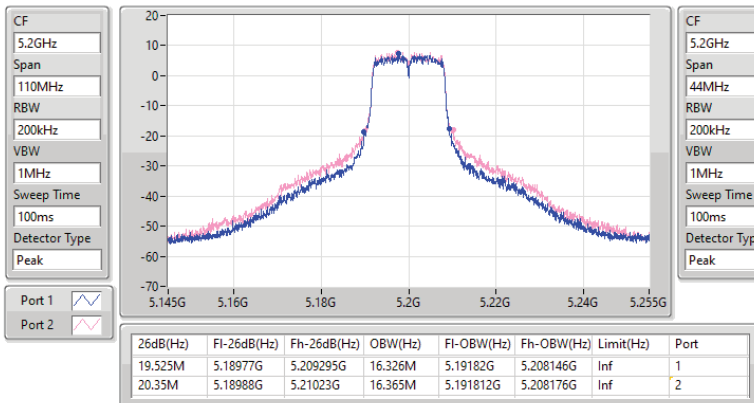


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

24/04/2023

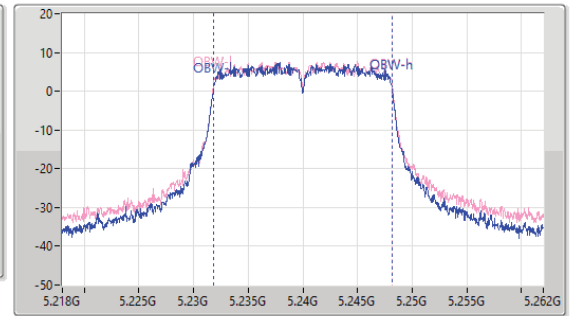
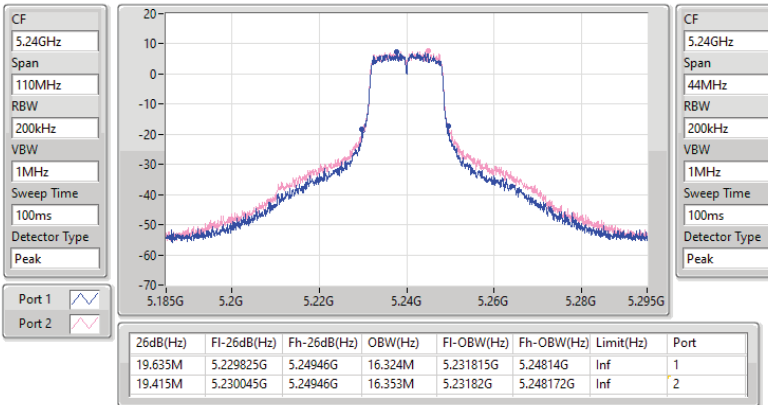


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

24/04/2023

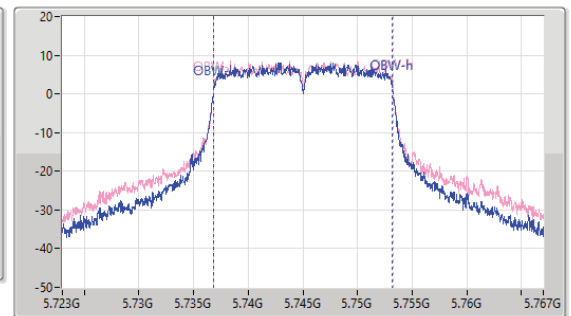
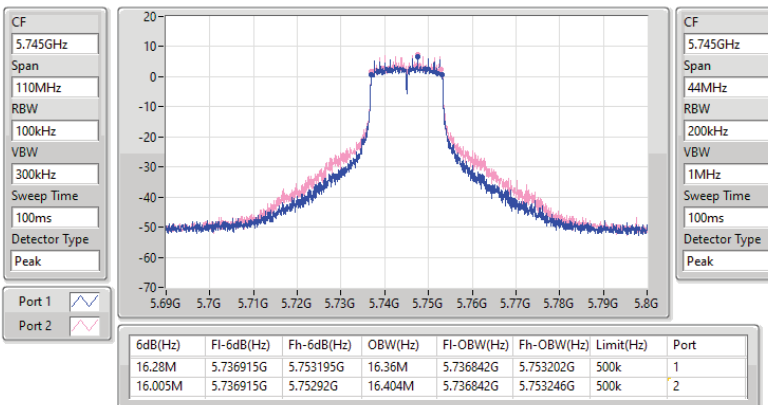


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

13/01/2023



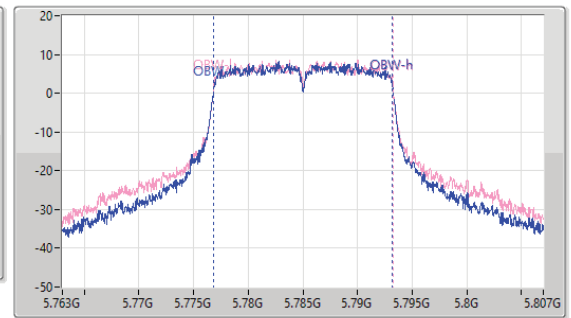
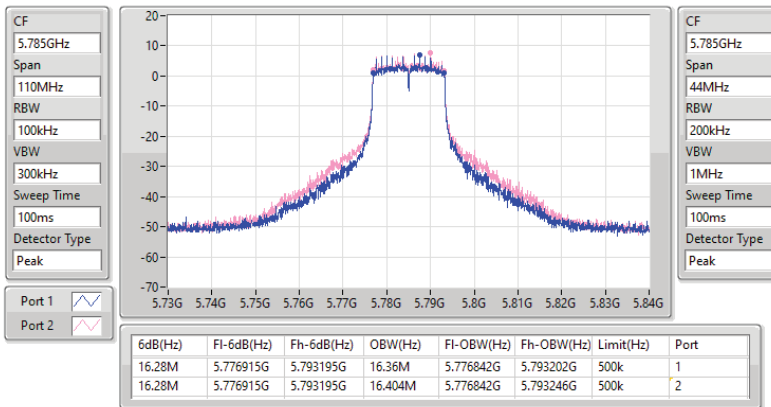


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

13/01/2023

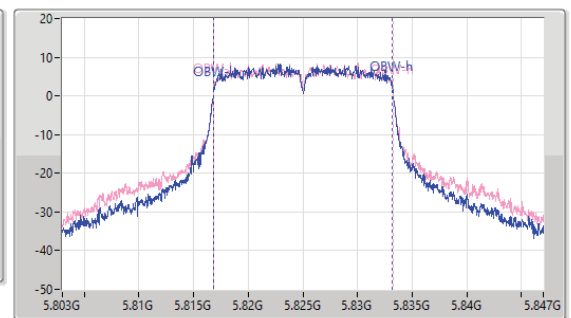
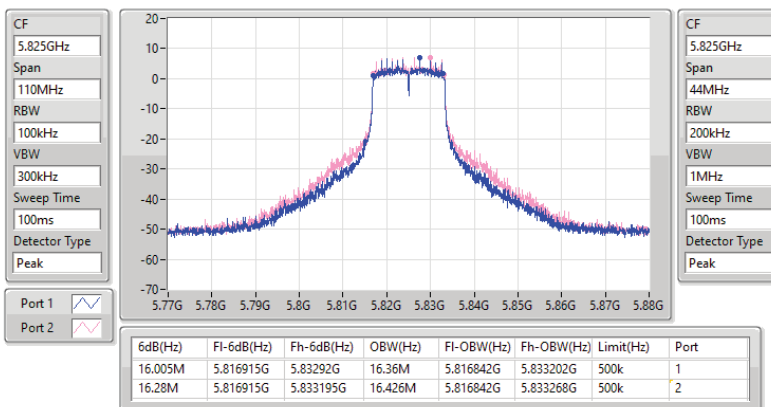


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

13/01/2023

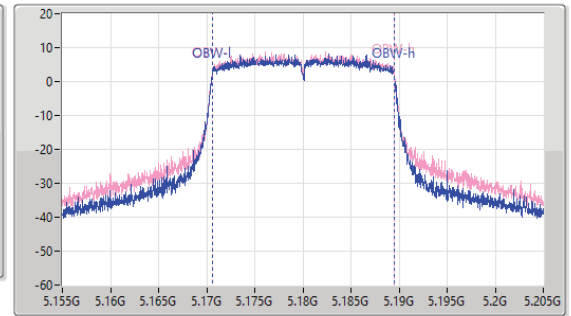
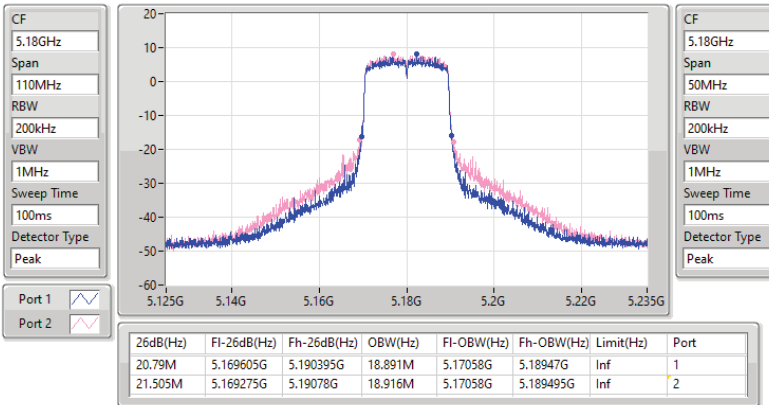


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

13/01/2023

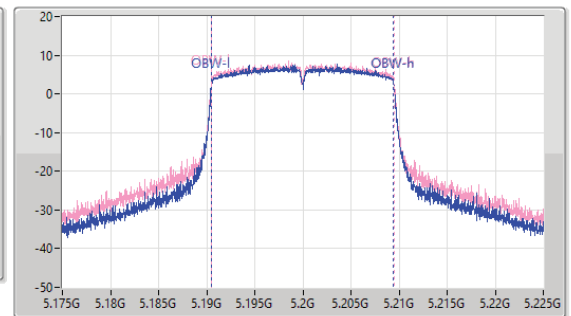
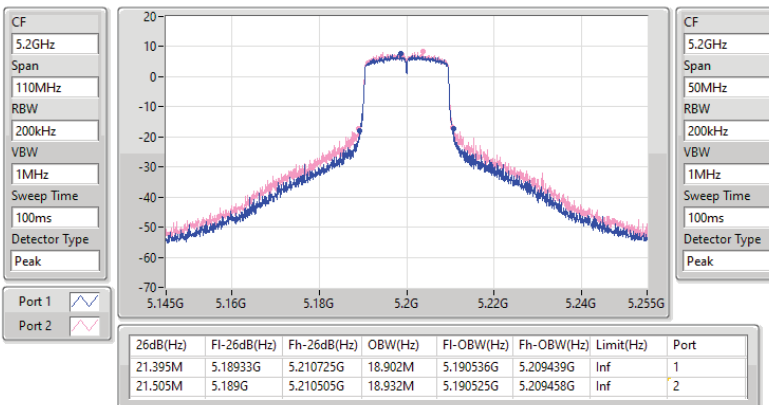


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

24/04/2023

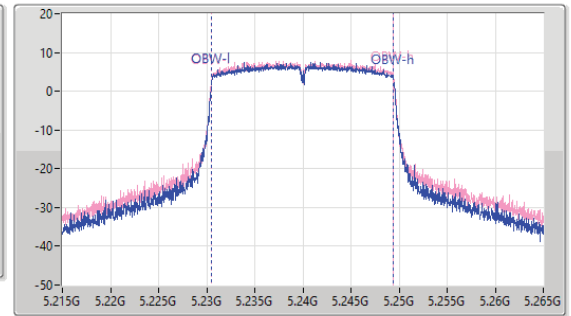
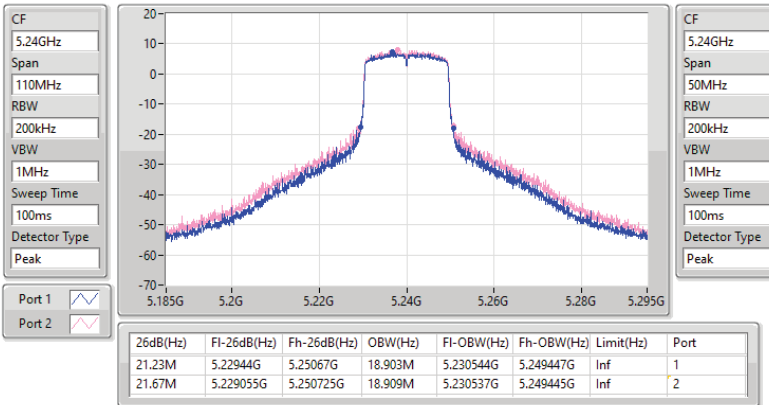


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

24/04/2023

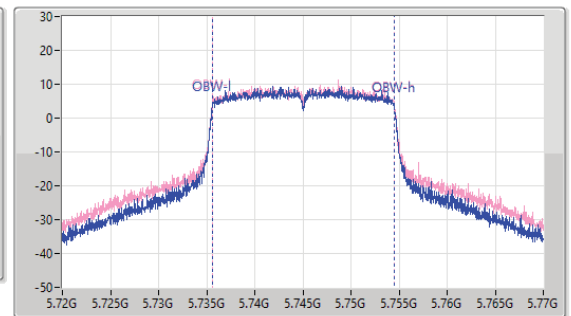
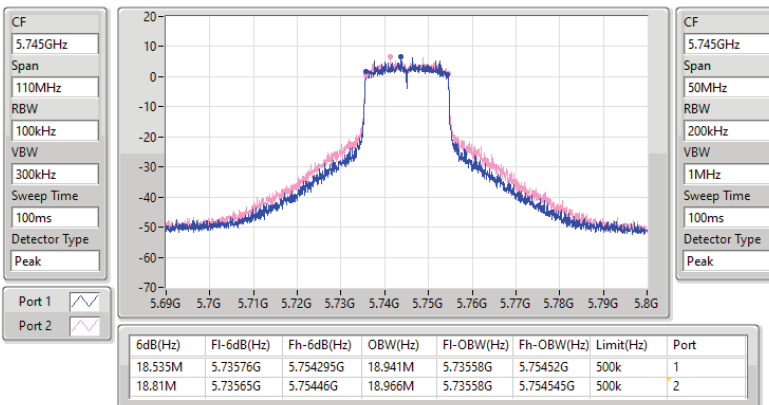


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

13/01/2023



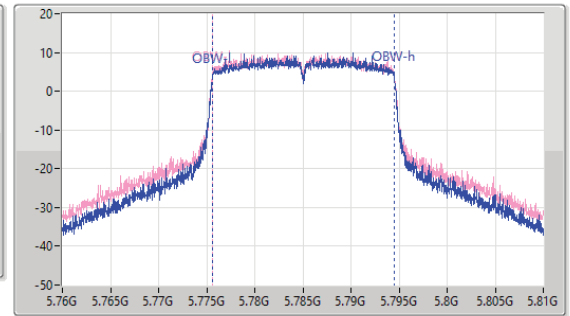
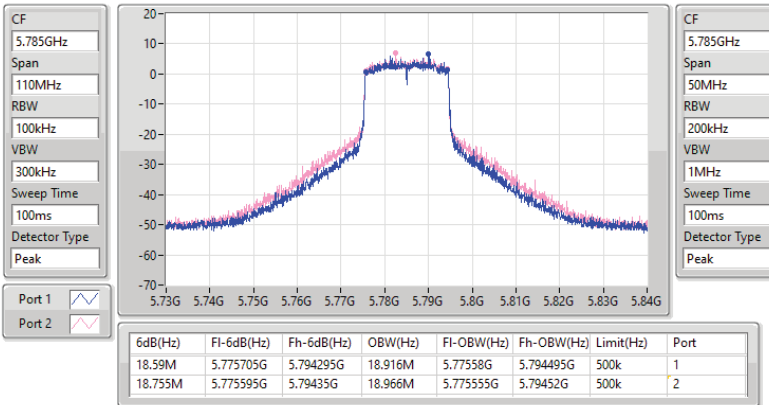


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

13/01/2023

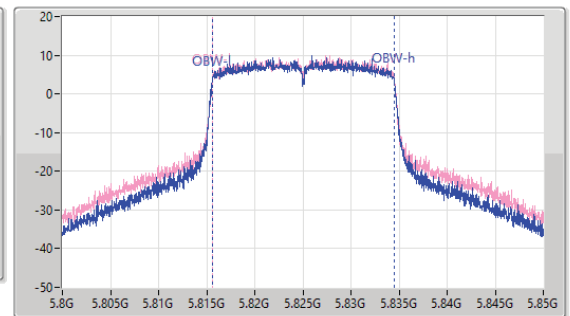
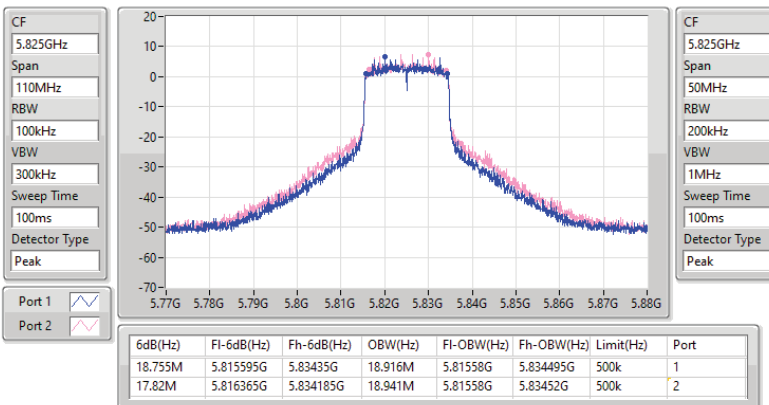


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

13/01/2023



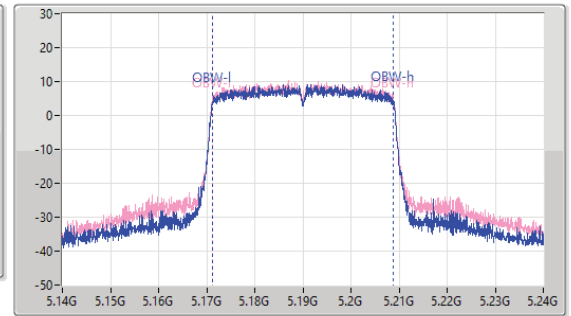
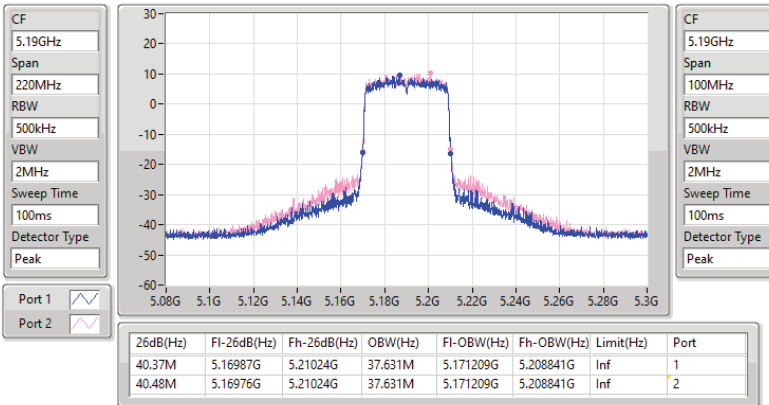


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

13/01/2023

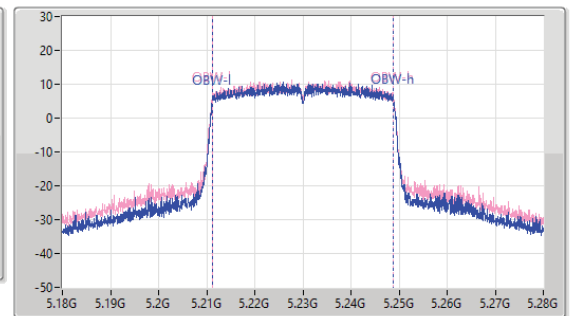
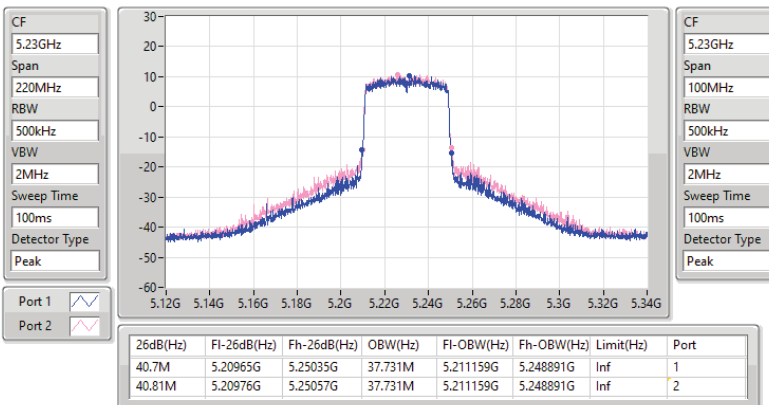


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

13/01/2023



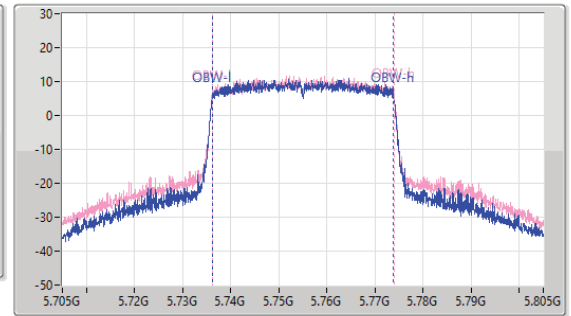
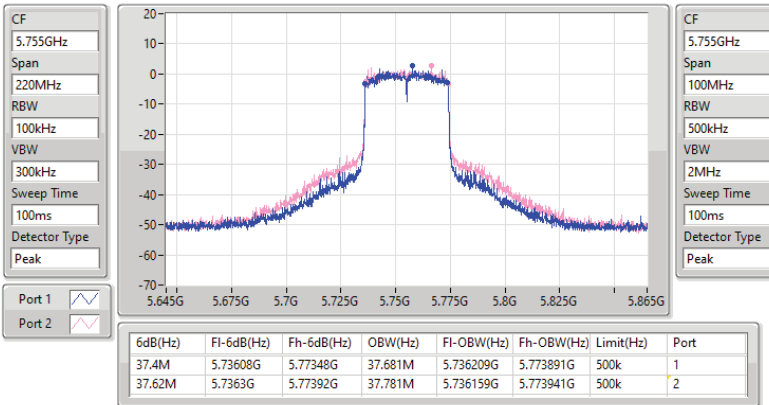


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

13/01/2023

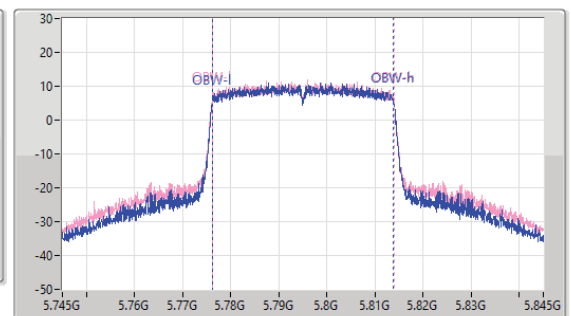
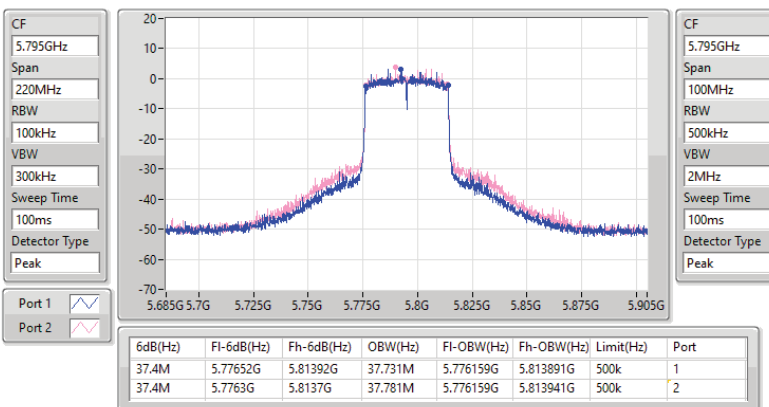


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

13/01/2023



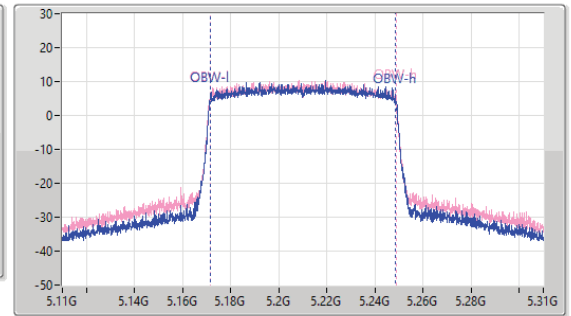
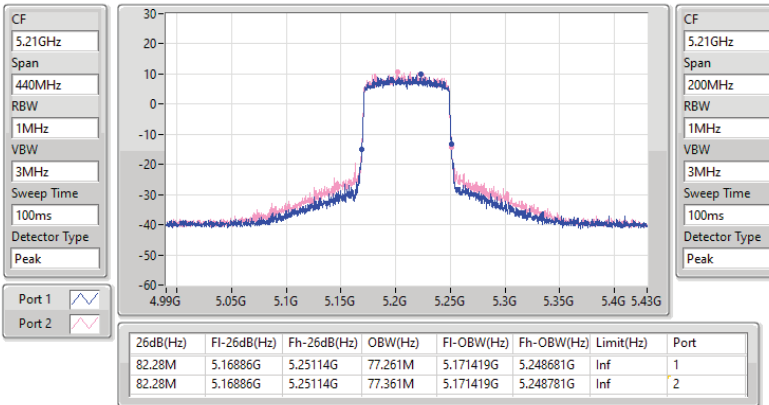


5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

13/01/2023

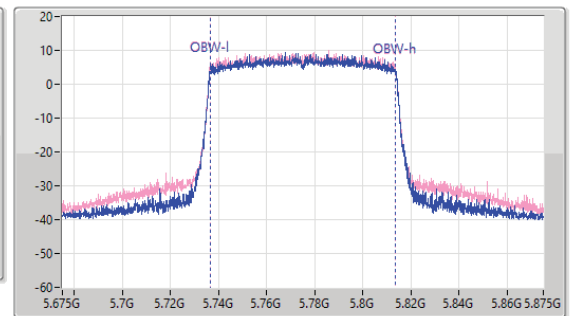
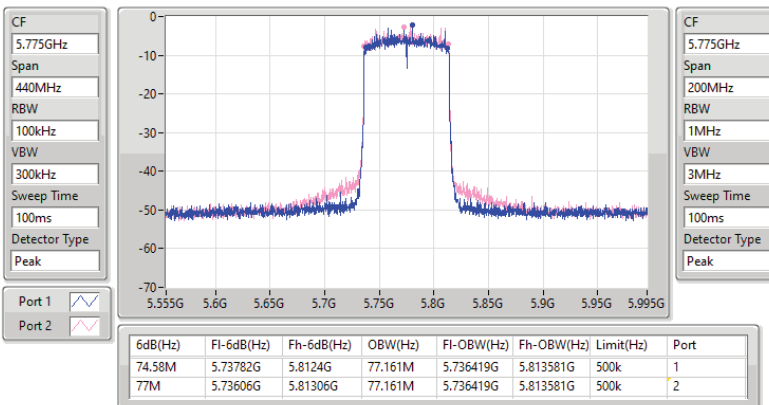


5.725-5.85GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

13/01/2023



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.08	0.12823	25.37	0.34435
802.11ax HEW20_Nss1,(MCS0)_2TX	20.71	0.11776	25.00	0.31623
802.11ax HEW40_Nss1,(MCS0)_2TX	21.29	0.13459	25.58	0.36141
802.11ax HEW80_Nss1,(MCS0)_2TX	20.46	0.11117	24.75	0.29854
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.27	0.13397	25.56	0.35975
802.11ax HEW20_Nss1,(MCS0)_2TX	20.91	0.12331	25.20	0.33113
802.11ax HEW40_Nss1,(MCS0)_2TX	21.53	0.14223	25.82	0.38194
802.11ax HEW80_Nss1,(MCS0)_2TX	20.84	0.12134	25.13	0.32584



Average Power_Non-Beamforming_C-330_Radio 0

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.29	18.09	17.97	21.04	30.00	25.33	36.00
5200MHz	Pass	4.29	18.14	17.97	21.07	30.00	25.36	36.00
5240MHz	Pass	4.29	18.18	17.96	21.08	30.00	25.37	36.00
5745MHz	Pass	4.29	18.39	18.05	21.23	30.00	25.52	36.00
5785MHz	Pass	4.29	18.14	18.19	21.18	30.00	25.47	36.00
5825MHz	Pass	4.29	18.16	18.35	21.27	30.00	25.56	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.29	17.68	17.64	20.67	30.00	24.96	36.00
5200MHz	Pass	4.29	17.77	17.54	20.67	30.00	24.96	36.00
5240MHz	Pass	4.29	17.67	17.73	20.71	30.00	25.00	36.00
5745MHz	Pass	4.29	17.96	17.57	20.78	30.00	25.07	36.00
5785MHz	Pass	4.29	17.73	17.76	20.76	30.00	25.05	36.00
5825MHz	Pass	4.29	17.75	18.04	20.91	30.00	25.20	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.29	18.25	18.05	21.16	30.00	25.45	36.00
5230MHz	Pass	4.29	18.40	18.15	21.29	30.00	25.58	36.00
5755MHz	Pass	4.29	18.44	18.21	21.34	30.00	25.63	36.00
5795MHz	Pass	4.29	18.43	18.61	21.53	30.00	25.82	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.29	17.33	17.57	20.46	30.00	24.75	36.00
5775MHz	Pass	4.29	17.70	17.96	20.84	30.00	25.13	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.32	0.10765	26.72	0.46989
802.11ax HEW20_Nss1,(MCS0)_2TX	20.59	0.11455	26.99	0.50003
802.11ax HEW40_Nss1,(MCS0)_2TX	20.60	0.11482	27.00	0.50119
802.11ax HEW80_Nss1,(MCS0)_2TX	18.30	0.06761	24.70	0.29512
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.39	0.13772	27.79	0.60117
802.11ax HEW20_Nss1,(MCS0)_2TX	21.73	0.14894	28.13	0.65013
802.11ax HEW40_Nss1,(MCS0)_2TX	20.95	0.12445	27.35	0.54325
802.11ax HEW80_Nss1,(MCS0)_2TX	20.84	0.12134	27.24	0.52966

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.40	16.78	17.28	20.05	23.58	26.45	30.00
5200MHz	Pass	6.40	17.13	17.49	20.32	23.58	26.72	30.00
5240MHz	Pass	6.40	17.10	17.39	20.26	23.58	26.66	30.00
5745MHz	Pass	6.40	18.21	18.55	21.39	29.60	27.79	36.00
5785MHz	Pass	6.40	18.11	18.40	21.27	29.60	27.67	36.00
5825MHz	Pass	6.40	17.94	18.38	21.18	29.60	27.58	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.40	17.15	17.45	20.31	23.58	26.71	30.00
5200MHz	Pass	6.40	17.40	17.76	20.59	23.58	26.99	30.00
5240MHz	Pass	6.40	17.37	17.70	20.55	23.58	26.95	30.00
5745MHz	Pass	6.40	18.55	18.88	21.73	29.60	28.13	36.00
5785MHz	Pass	6.40	18.45	18.73	21.60	29.60	28.00	36.00
5825MHz	Pass	6.40	18.35	18.65	21.51	29.60	27.91	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.40	15.42	15.92	18.69	23.58	25.09	30.00
5230MHz	Pass	6.40	17.25	17.91	20.60	23.58	27.00	30.00
5755MHz	Pass	6.40	17.76	18.11	20.95	29.60	27.35	36.00
5795MHz	Pass	6.40	17.65	18.07	20.88	29.60	27.28	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.40	15.07	15.49	18.30	23.58	24.70	30.00
5775MHz	Pass	6.40	17.63	18.03	20.84	29.60	27.24	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.35	0.13646	27.25	0.53088
802.11ax HEW20_Nss1,(MCS0)_2TX	20.80	0.12023	26.70	0.46774
802.11ax HEW40_Nss1,(MCS0)_2TX	21.38	0.13740	27.28	0.53456
802.11ax HEW80_Nss1,(MCS0)_2TX	21.06	0.12764	26.96	0.49659
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.25	0.13335	27.15	0.51880
802.11ax HEW20_Nss1,(MCS0)_2TX	20.85	0.12162	26.75	0.47315
802.11ax HEW40_Nss1,(MCS0)_2TX	21.49	0.14093	27.39	0.54828
802.11ax HEW80_Nss1,(MCS0)_2TX	20.92	0.12359	26.82	0.48084

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.90	18.36	18.18	21.28	30.00	27.18	36.00
5200MHz	Pass	5.90	18.55	18.12	21.35	30.00	27.25	36.00
5240MHz	Pass	5.90	18.51	18.04	21.29	30.00	27.19	36.00
5745MHz	Pass	5.90	18.39	18.08	21.25	30.00	27.15	36.00
5785MHz	Pass	5.90	18.11	18.01	21.07	30.00	26.97	36.00
5825MHz	Pass	5.90	18.14	18.29	21.23	30.00	27.13	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.90	17.95	17.63	20.80	30.00	26.70	36.00
5200MHz	Pass	5.90	17.89	17.54	20.73	30.00	26.63	36.00
5240MHz	Pass	5.90	17.75	17.65	20.71	30.00	26.61	36.00
5745MHz	Pass	5.90	17.92	17.50	20.73	30.00	26.63	36.00
5785MHz	Pass	5.90	17.46	17.62	20.55	30.00	26.45	36.00
5825MHz	Pass	5.90	17.73	17.94	20.85	30.00	26.75	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.90	18.38	18.31	21.36	30.00	27.26	36.00
5230MHz	Pass	5.90	18.48	18.25	21.38	30.00	27.28	36.00
5755MHz	Pass	5.90	18.47	18.26	21.38	30.00	27.28	36.00
5795MHz	Pass	5.90	18.44	18.52	21.49	30.00	27.39	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.90	18.00	18.09	21.06	30.00	26.96	36.00
5775MHz	Pass	5.90	17.86	17.95	20.92	30.00	26.82	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.42	0.11015	27.02	0.50350
802.11ax HEW20_Nss1,(MCS0)_2TX	20.65	0.11614	27.25	0.53088
802.11ax HEW40_Nss1,(MCS0)_2TX	20.43	0.11041	27.03	0.50466
802.11ax HEW80_Nss1,(MCS0)_2TX	19.17	0.08260	25.77	0.37757
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.16	0.13062	27.76	0.59704
802.11ax HEW20_Nss1,(MCS0)_2TX	21.45	0.13964	28.05	0.63826
802.11ax HEW40_Nss1,(MCS0)_2TX	20.69	0.11722	27.29	0.53580
802.11ax HEW80_Nss1,(MCS0)_2TX	18.27	0.06714	24.87	0.30690

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.60	16.81	17.44	20.15	23.38	26.75	30.00
5200MHz	Pass	6.60	17.07	17.73	20.42	23.38	27.02	30.00
5240MHz	Pass	6.60	17.08	17.67	20.40	23.38	27.00	30.00
5745MHz	Pass	6.60	17.79	18.42	21.13	29.40	27.73	36.00
5785MHz	Pass	6.60	17.88	18.41	21.16	29.40	27.76	36.00
5825MHz	Pass	6.60	17.87	18.23	21.06	29.40	27.66	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.60	16.90	17.48	20.21	23.38	26.81	30.00
5200MHz	Pass	6.60	17.33	17.93	20.65	23.38	27.25	30.00
5240MHz	Pass	6.60	17.31	17.93	20.64	23.38	27.24	30.00
5745MHz	Pass	6.60	18.08	18.69	21.41	29.40	28.01	36.00
5785MHz	Pass	6.60	18.16	18.70	21.45	29.40	28.05	36.00
5825MHz	Pass	6.60	18.15	18.51	21.34	29.40	27.94	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.60	16.17	16.78	19.50	23.38	26.10	30.00
5230MHz	Pass	6.60	17.12	17.70	20.43	23.38	27.03	30.00
5755MHz	Pass	6.60	17.39	17.96	20.69	29.40	27.29	36.00
5795MHz	Pass	6.60	17.36	17.78	20.59	29.40	27.19	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.60	15.87	16.44	19.17	23.38	25.77	30.00
5775MHz	Pass	6.60	15.00	15.51	18.27	29.40	24.87	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.57	0.11402	25.07	0.32137
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.17	0.13092	25.67	0.36898
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.34	0.10814	24.84	0.30479
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.81	0.12050	25.53	0.35727
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.40	0.13804	26.12	0.40926
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.72	0.11803	25.44	0.34995



Average Power_Beamforming_C-330_Radio 0

Appendix C.5

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	-	-	-	-	-	-	-	-
5180MHz	Pass	4.50	17.53	17.5	20.53	30.00	25.03	36.00
5200MHz	Pass	4.50	17.64	17.43	20.55	30.00	25.05	36.00
5240MHz	Pass	4.50	17.54	17.58	20.57	30.00	25.07	36.00
5745MHz	Pass	4.72	17.86	17.45	20.67	30.00	25.39	36.00
5785MHz	Pass	4.72	17.59	17.64	20.63	30.00	25.35	36.00
5825MHz	Pass	4.72	17.65	17.94	20.81	30.00	25.53	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.50	18.15	17.92	21.05	30.00	25.55	36.00
5230MHz	Pass	4.50	18.3	18.01	21.17	30.00	25.67	36.00
5755MHz	Pass	4.72	18.34	18.06	21.21	30.00	25.93	36.00
5795MHz	Pass	4.72	18.32	18.46	21.40	30.00	26.12	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.50	17.22	17.43	20.34	30.00	24.84	36.00
5775MHz	Pass	4.72	17.6	17.81	20.72	30.00	25.44	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.97	0.09931	29.38	0.86696
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.08	0.10186	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.20	0.06607	27.61	0.57677
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.69	0.14757	31.10	1.28825
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.94	0.12417	30.35	1.08393
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.74	0.11858	30.15	1.03514

**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	-	-	-	-	-	-	-	-
5180MHz	Pass	9.41	16.60	16.90	19.76	20.57	29.17	30.00
5200MHz	Pass	9.41	16.75	17.16	19.97	20.57	29.38	30.00
5240MHz	Pass	9.41	16.74	17.07	19.92	20.57	29.33	30.00
5745MHz	Pass	9.41	18.51	18.84	21.69	26.59	31.10	36.00
5785MHz	Pass	9.41	18.36	18.64	21.51	26.59	30.92	36.00
5825MHz	Pass	9.41	18.25	18.55	21.41	26.59	30.82	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.41	15.35	15.85	18.62	20.57	28.03	30.00
5230MHz	Pass	9.41	16.73	17.38	20.08	20.57	29.49	30.00
5755MHz	Pass	9.41	17.75	18.10	20.94	26.59	30.35	36.00
5795MHz	Pass	9.41	17.62	18.04	20.85	26.59	30.26	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.41	14.97	15.39	18.20	20.57	27.61	30.00
5775MHz	Pass	9.41	17.53	17.93	20.74	26.59	30.15	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.68	0.11695	29.44	0.87902
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.24	0.13305	30.00	1.00000
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.94	0.12417	29.70	0.93325
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.70	0.11749	29.46	0.88308
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.37	0.13709	30.13	1.03039
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.79	0.11995	29.55	0.90157

**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	-	-	-	-	-	-	-	-
5180MHz	Pass	8.76	17.81	17.53	20.68	27.24	29.44	36.00
5200MHz	Pass	8.76	17.76	17.42	20.60	27.24	29.36	36.00
5240MHz	Pass	8.76	17.65	17.53	20.60	27.24	29.36	36.00
5745MHz	Pass	8.76	17.78	17.38	20.59	27.24	29.35	36.00
5785MHz	Pass	8.76	17.34	17.47	20.42	27.24	29.18	36.00
5825MHz	Pass	8.76	17.58	17.80	20.70	27.24	29.46	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.76	18.24	18.20	21.23	27.24	29.99	36.00
5230MHz	Pass	8.76	18.36	18.10	21.24	27.24	30.00	36.00
5755MHz	Pass	8.76	18.34	18.14	21.25	27.24	30.01	36.00
5795MHz	Pass	8.76	18.32	18.40	21.37	27.24	30.13	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.76	17.90	17.95	20.94	27.24	29.70	36.00
5775MHz	Pass	8.76	17.71	17.84	20.79	27.24	29.55	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.32	0.10765	29.44	0.87902
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.31	0.10740	29.43	0.87700
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.03	0.07998	28.15	0.65313
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.31	0.13521	30.43	1.10408
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.59	0.11455	29.71	0.93541
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.16	0.06546	27.28	0.53456

**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	-	-	-	-	-	-	-	-
5180MHz	Pass	9.12	16.76	17.36	20.08	20.86	29.20	30.00
5200MHz	Pass	9.12	17.03	17.58	20.32	20.86	29.44	30.00
5240MHz	Pass	9.12	16.97	17.59	20.30	20.86	29.42	30.00
5745MHz	Pass	9.12	17.94	18.58	21.28	26.88	30.40	36.00
5785MHz	Pass	9.12	18.01	18.58	21.31	26.88	30.43	36.00
5825MHz	Pass	9.12	18.05	18.36	21.22	26.88	30.34	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.12	16.06	16.64	19.37	20.86	28.49	30.00
5230MHz	Pass	9.12	17.01	17.57	20.31	20.86	29.43	30.00
5755MHz	Pass	9.12	17.27	17.86	20.59	26.88	29.71	36.00
5795MHz	Pass	9.12	17.26	17.66	20.47	26.88	29.59	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.12	15.74	16.29	19.03	20.86	28.15	30.00
5775MHz	Pass	9.12	14.9	15.38	18.16	26.88	27.28	36.00

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



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.11	12.61
802.11ax HEW20_Nss1,(MCS0)_2TX	7.14	11.64
802.11ax HEW40_Nss1,(MCS0)_2TX	4.90	9.40
802.11ax HEW80_Nss1,(MCS0)_2TX	1.11	5.61
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.77	11.49
802.11ax HEW20_Nss1,(MCS0)_2TX	5.89	10.61
802.11ax HEW40_Nss1,(MCS0)_2TX	3.50	8.22
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.12	4.60

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.50	5.04	5.02	8.01	17.00	12.51	23.00
5200MHz	Pass	4.50	5.09	5.24	8.11	17.00	12.61	23.00
5240MHz	Pass	4.50	5.04	5.10	7.99	17.00	12.49	23.00
5745MHz	Pass	4.72	3.73	3.51	6.48	30.00	11.20	36.00
5785MHz	Pass	4.72	3.51	3.78	6.53	30.00	11.25	36.00
5825MHz	Pass	4.72	3.78	3.95	6.77	30.00	11.49	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.50	3.96	4.19	7.01	17.00	11.51	23.00
5200MHz	Pass	4.50	4.11	4.08	7.09	17.00	11.59	23.00
5240MHz	Pass	4.50	4.14	4.20	7.14	17.00	11.64	23.00
5745MHz	Pass	4.72	2.85	2.57	5.63	30.00	10.35	36.00
5785MHz	Pass	4.72	2.62	2.88	5.60	30.00	10.32	36.00
5825MHz	Pass	4.72	2.71	3.28	5.89	30.00	10.61	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.50	1.89	1.92	4.90	17.00	9.40	23.00
5230MHz	Pass	4.50	1.81	1.81	4.78	17.00	9.28	23.00
5755MHz	Pass	4.72	0.32	0.41	3.25	30.00	7.97	36.00
5795MHz	Pass	4.72	0.51	0.75	3.50	30.00	8.22	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.50	-2.09	-1.69	1.11	17.00	5.61	23.00
5775MHz	Pass	4.72	-3.18	-2.74	-0.12	30.00	4.60	36.00

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;

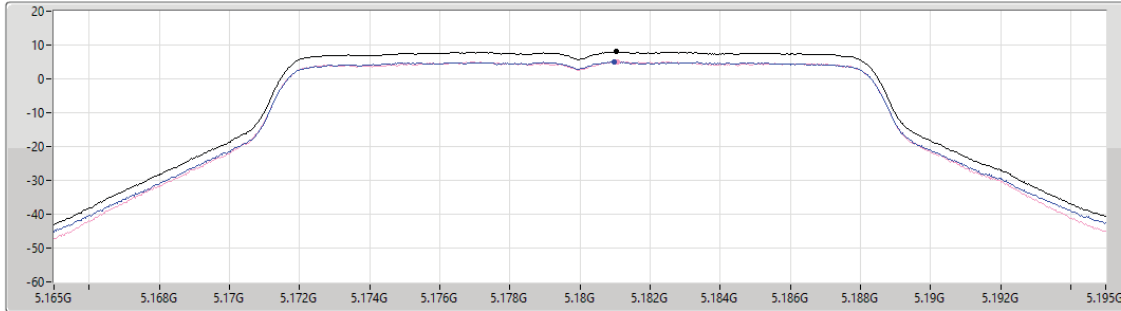
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

05/01/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	5.04	5.02

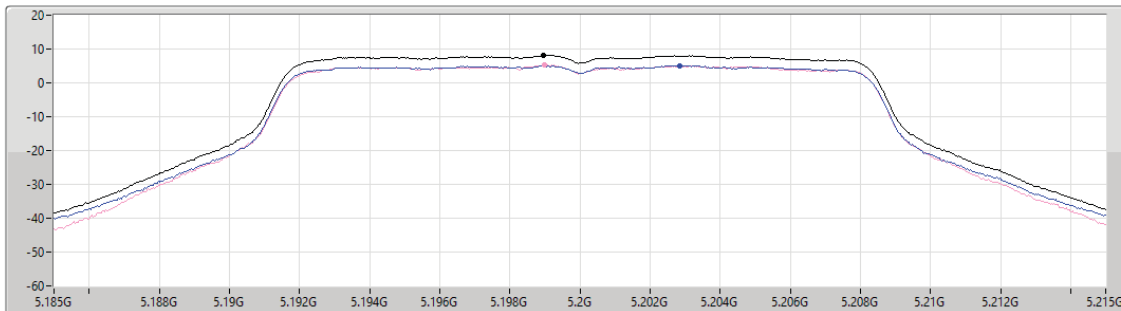
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

05/01/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.09	5.24

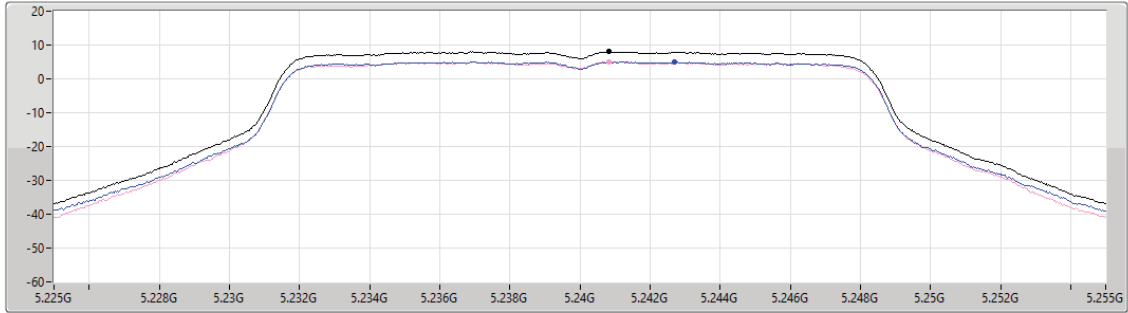
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

05/01/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	5.04	5.10

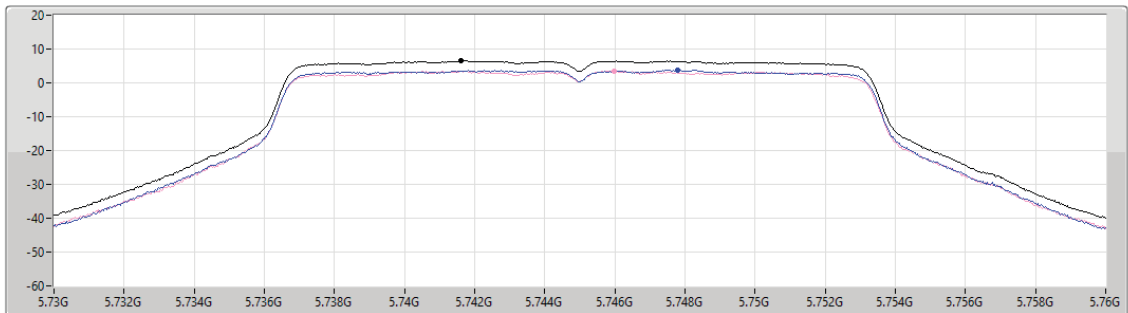
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

05/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	3.73	3.51

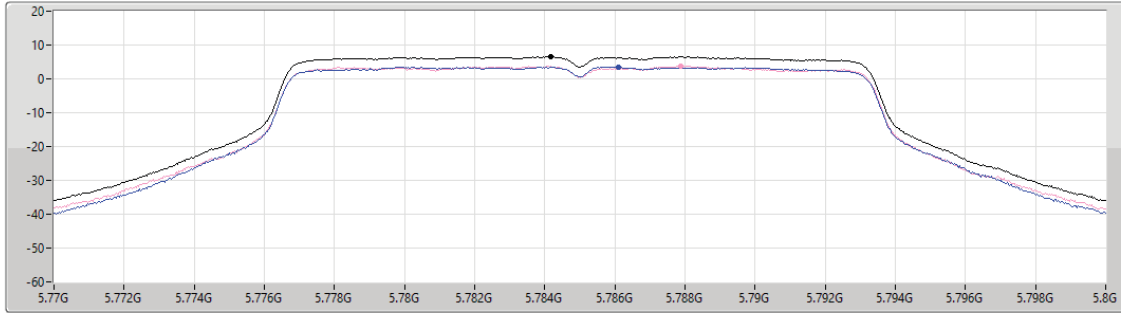
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

05/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.53	6.53	3.51	3.78

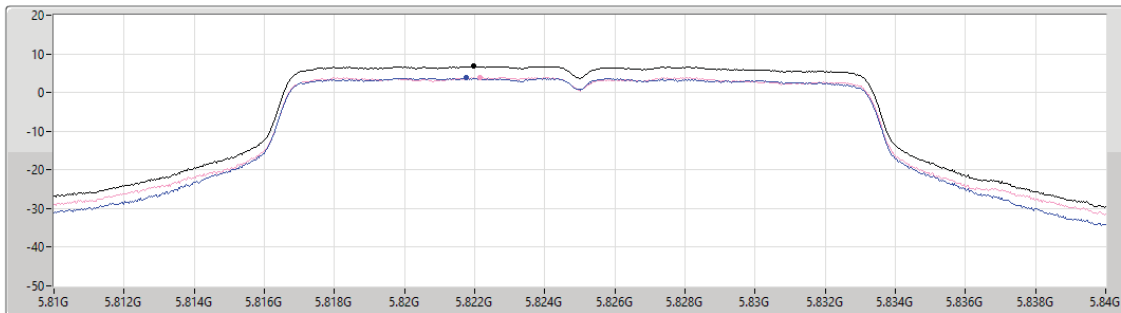
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

05/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.77	6.77	3.78	3.95

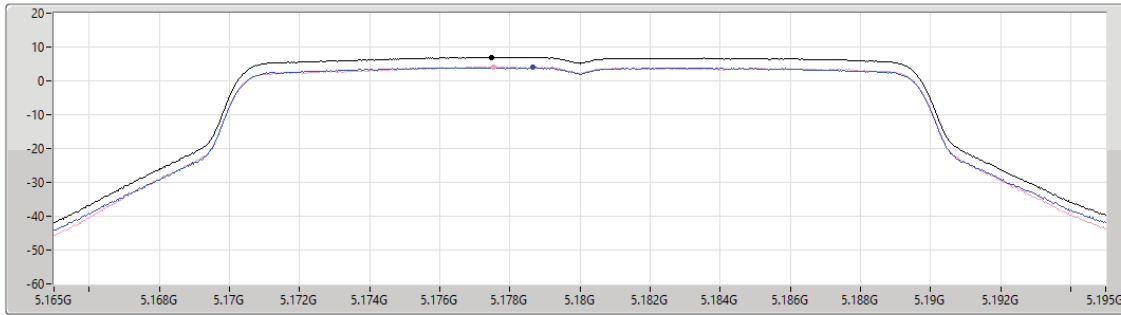
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

05/01/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
7.01	7.01	3.96	4.19

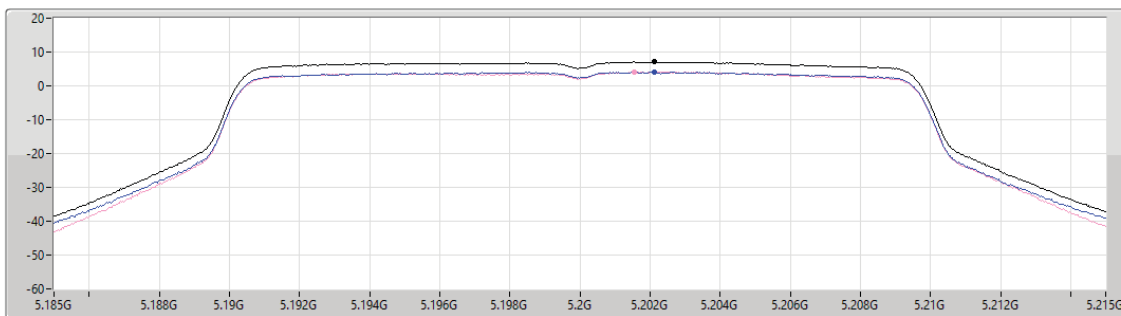
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

05/01/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
7.09	7.09	4.11	4.08

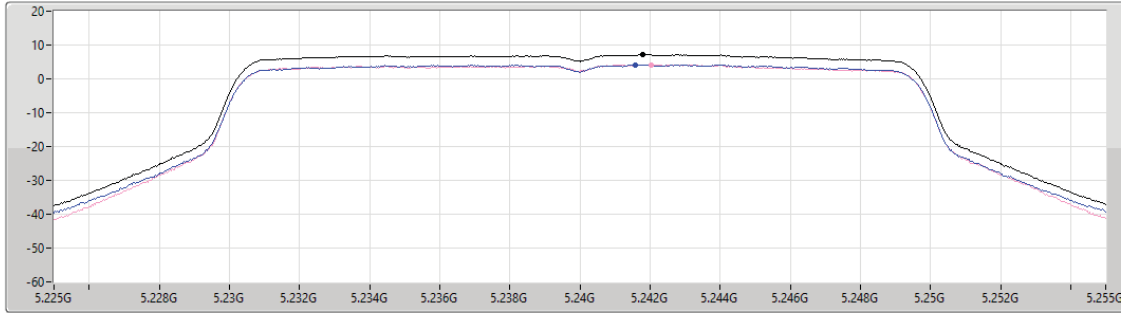
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

05/01/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.14	7.14	4.14	4.20

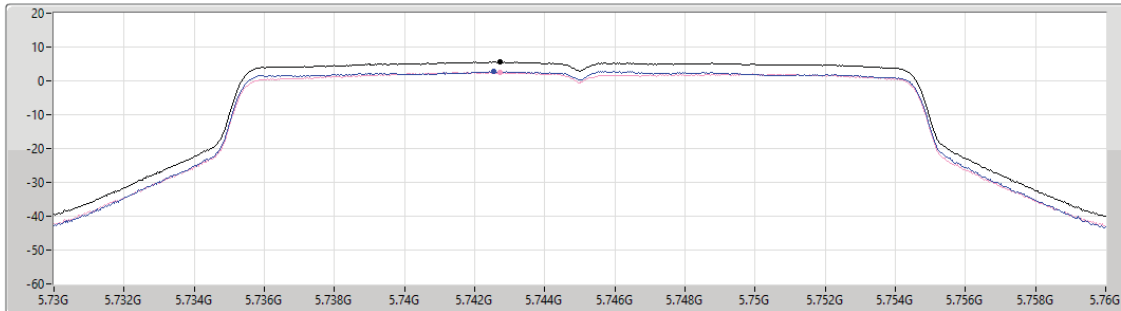
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

05/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.63	5.63	2.85	2.57

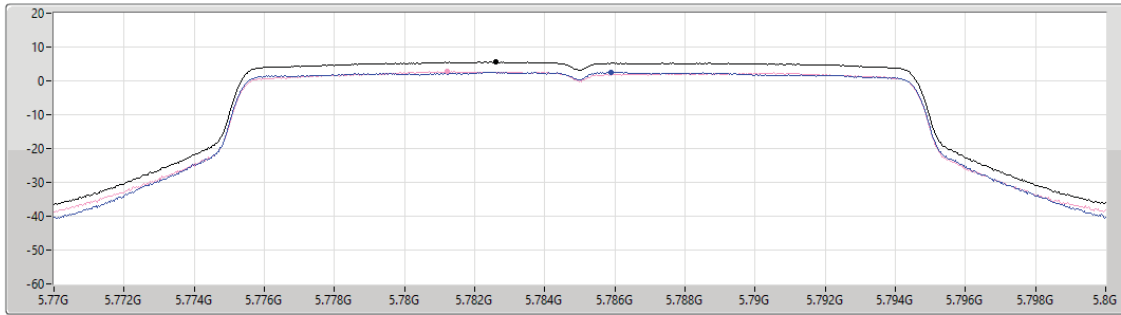
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

05/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
5.60	5.60	2.62	2.88

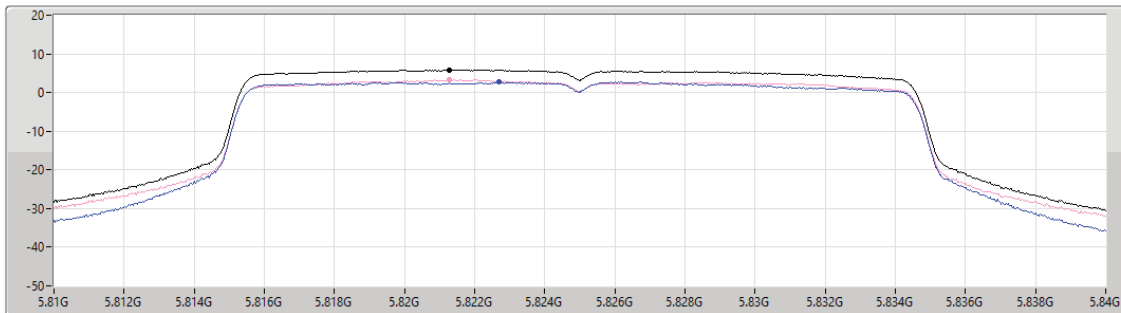
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

05/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
5.89	5.89	2.71	3.28

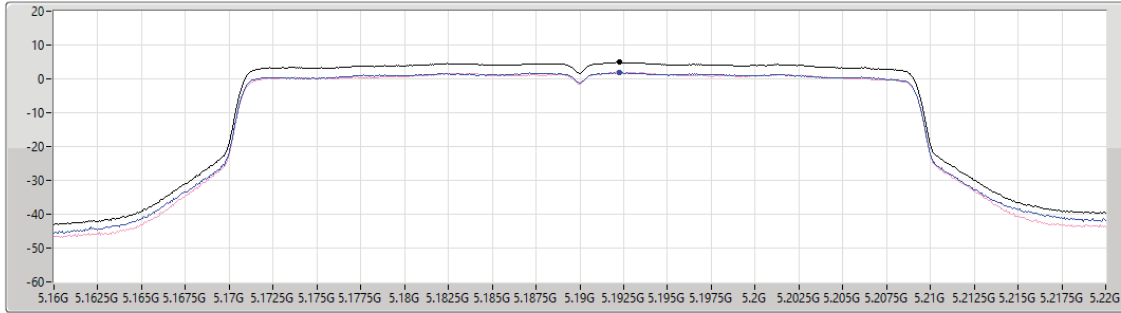
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

05/01/2023

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	1.89	1.92

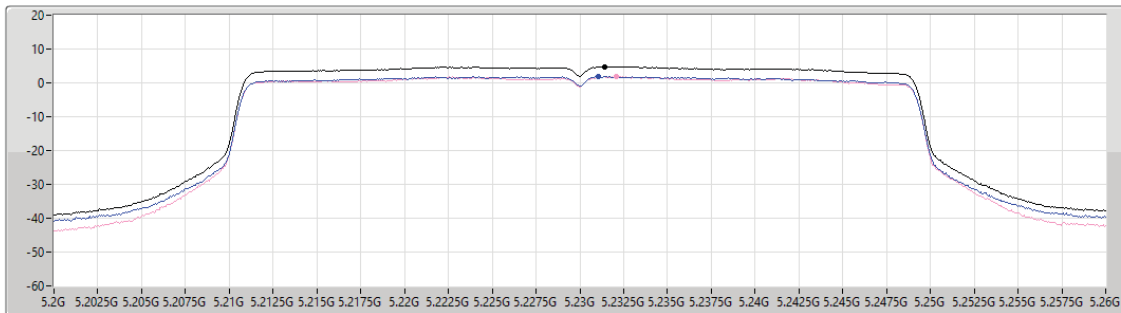
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

05/01/2023

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	1.81	1.81

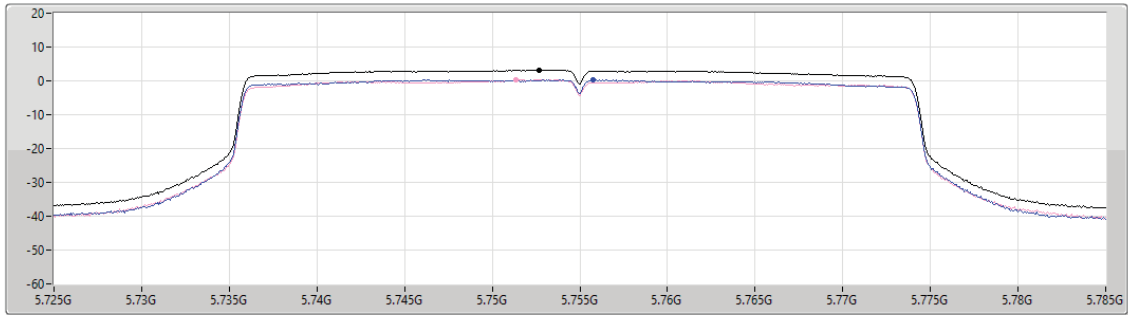
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

05/01/2023

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	0.32	0.41

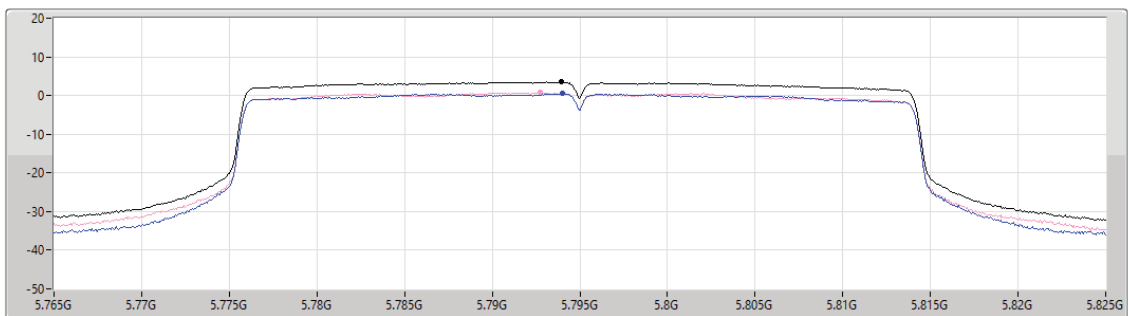
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

05/01/2023

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	0.51	0.75

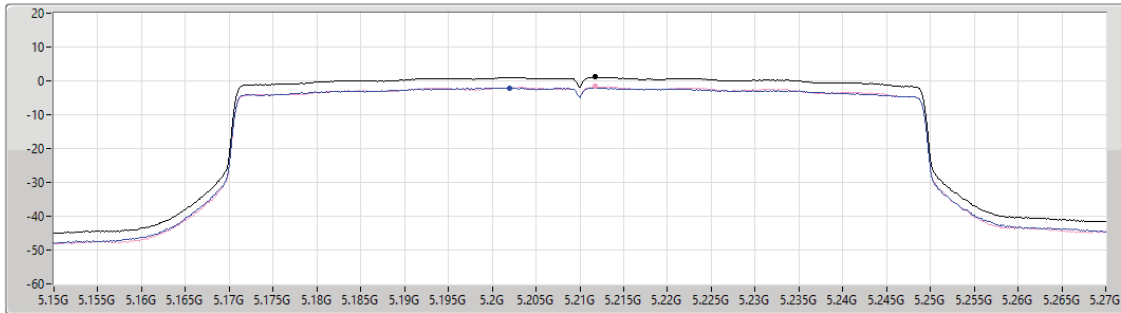
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

05/01/2023

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
1.11	1.11	-2.09	-1.69

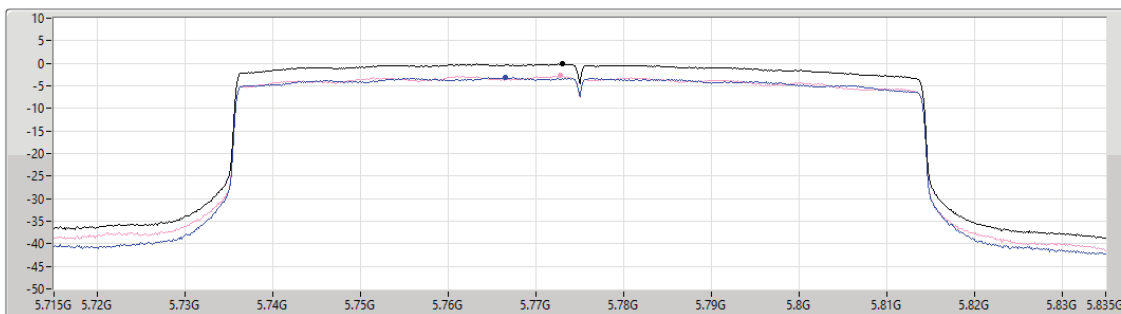
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

05/01/2023

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
-0.12	-0.12	-3.18	-2.74



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.55	16.96
802.11ax HEW20_Nss1,(MCS0)_2TX	7.52	16.93
802.11ax HEW40_Nss1,(MCS0)_2TX	4.25	13.66
802.11ax HEW80_Nss1,(MCS0)_2TX	-1.23	8.18
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.79	16.20
802.11ax HEW20_Nss1,(MCS0)_2TX	6.50	15.91
802.11ax HEW40_Nss1,(MCS0)_2TX	2.93	12.34
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.16	9.25

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.41	4.13	4.66	7.35	7.59	16.76	17.00
5200MHz	Pass	9.41	4.39	4.83	7.55	7.59	16.96	17.00
5240MHz	Pass	9.41	4.39	4.69	7.52	7.59	16.93	17.00
5745MHz	Pass	9.41	3.60	4.03	6.72	26.59	16.13	36.00
5785MHz	Pass	9.41	3.59	3.88	6.73	26.59	16.14	36.00
5825MHz	Pass	9.41	3.66	4.02	6.79	26.59	16.20	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.41	3.55	4.01	6.77	7.59	16.18	17.00
5200MHz	Pass	9.41	4.34	4.84	7.52	7.59	16.93	17.00
5240MHz	Pass	9.41	4.35	4.57	7.37	7.59	16.78	17.00
5745MHz	Pass	9.41	3.43	3.61	6.45	26.59	15.86	36.00
5785MHz	Pass	9.41	3.38	3.62	6.44	26.59	15.85	36.00
5825MHz	Pass	9.41	3.39	3.74	6.50	26.59	15.91	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.41	-0.96	-0.47	2.20	7.59	11.61	17.00
5230MHz	Pass	9.41	1.11	1.48	4.25	7.59	13.66	17.00
5755MHz	Pass	9.41	-0.19	0.11	2.91	26.59	12.32	36.00
5795MHz	Pass	9.41	-0.17	0.07	2.93	26.59	12.34	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.41	-4.53	-3.91	-1.23	7.59	8.18	17.00
5775MHz	Pass	9.41	-3.23	-2.97	-0.16	26.59	9.25	36.00

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;

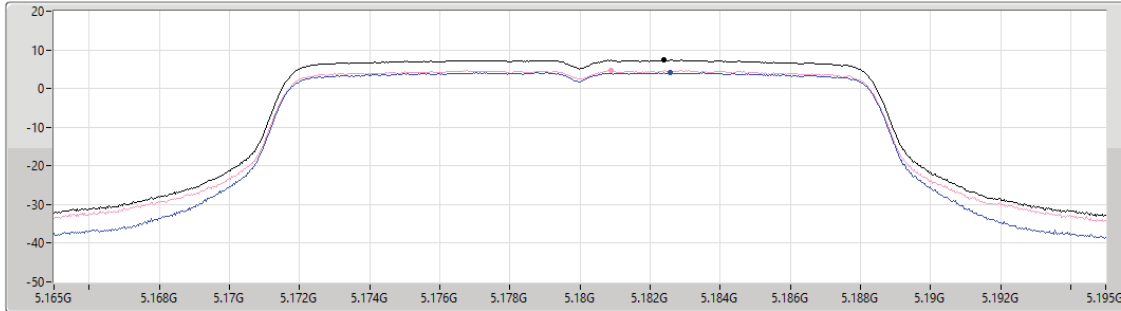
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

24/04/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	4.13	4.66

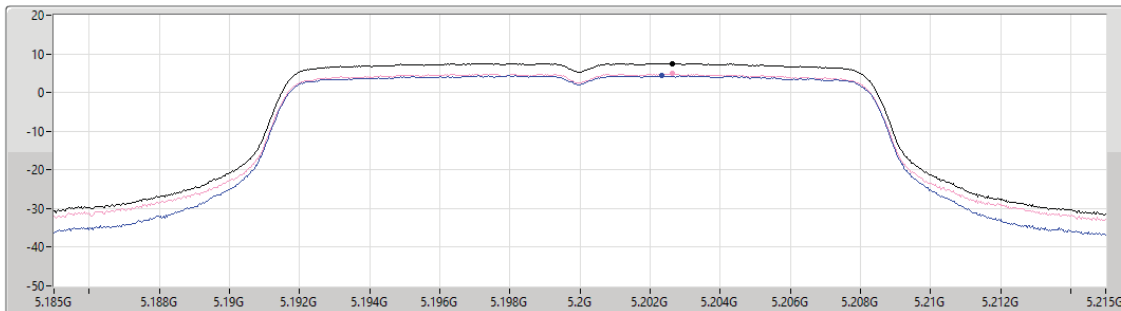
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

24/04/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	4.39	4.83

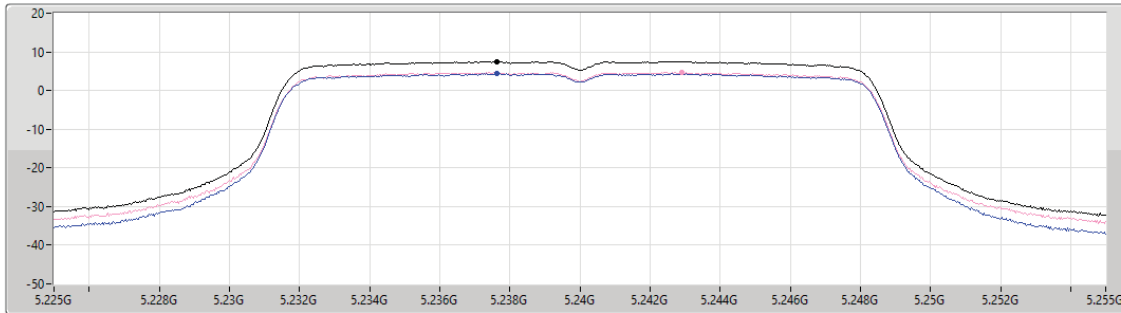
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

24/04/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
7.52	7.52	4.39	4.69

Sum
Port 1
Port 2

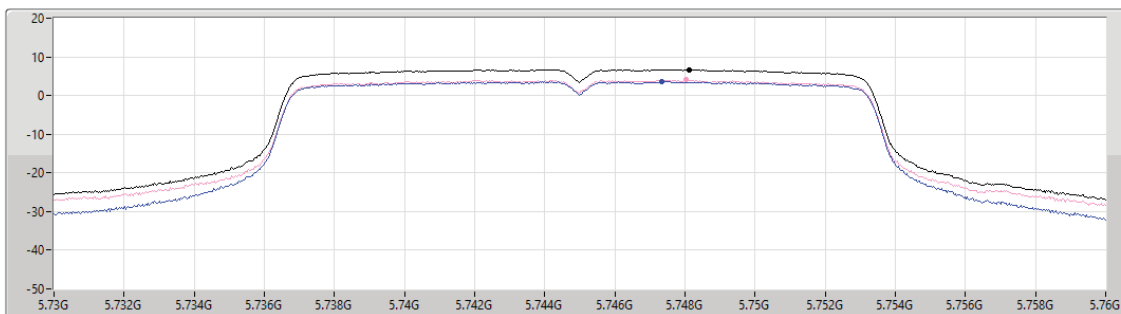
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

05/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.72	6.72	3.60	4.03

Sum
Port 1
Port 2

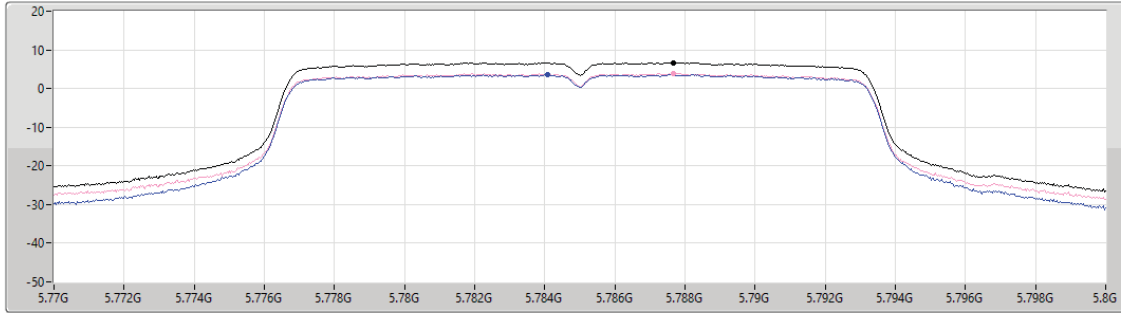
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

05/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.73	6.73	3.59	3.88

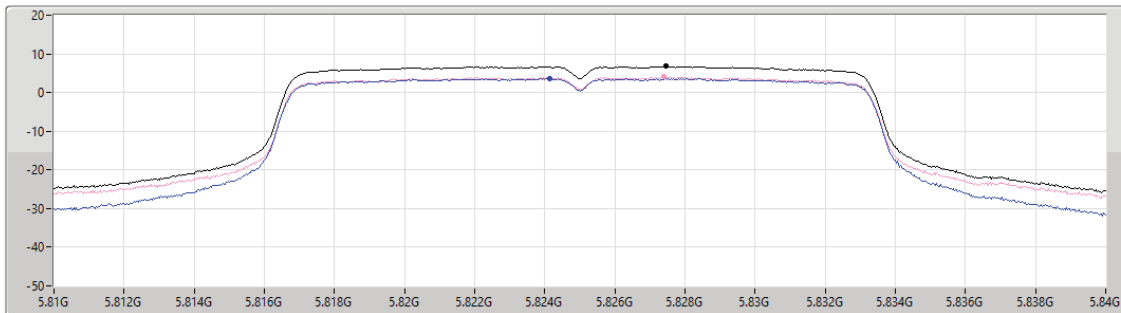
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

05/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.79	6.79	3.66	4.02



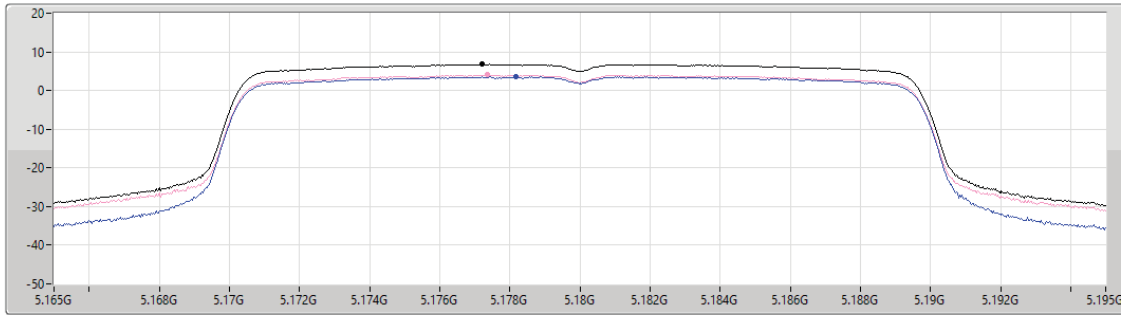
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

05/01/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	3.55	4.01

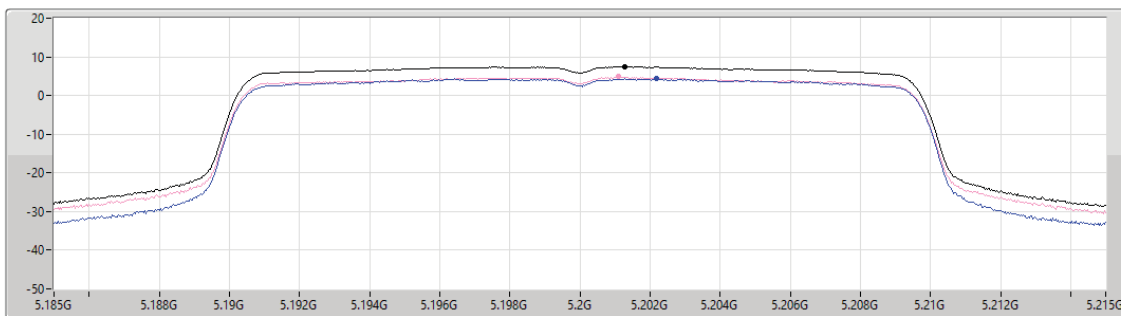
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

24/04/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	4.34	4.84

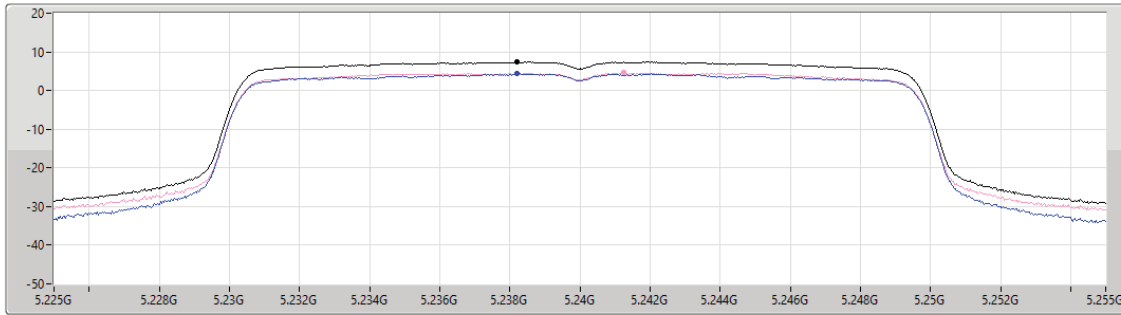
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

24/04/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.37	7.37	4.35	4.57

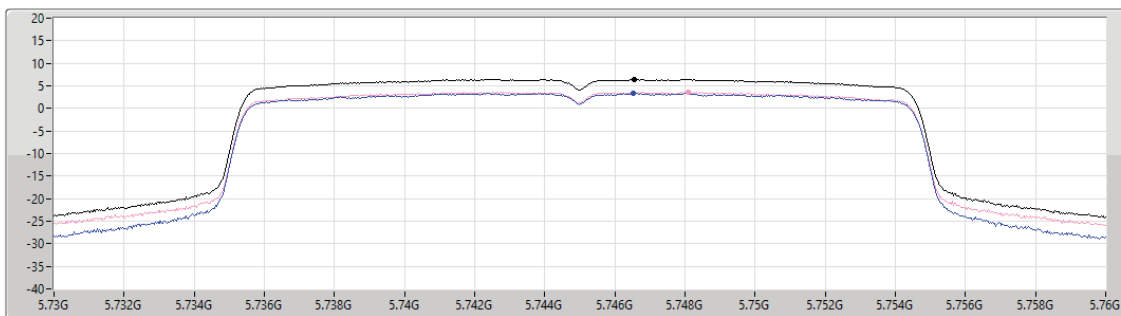
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

05/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.45	6.45	3.43	3.61

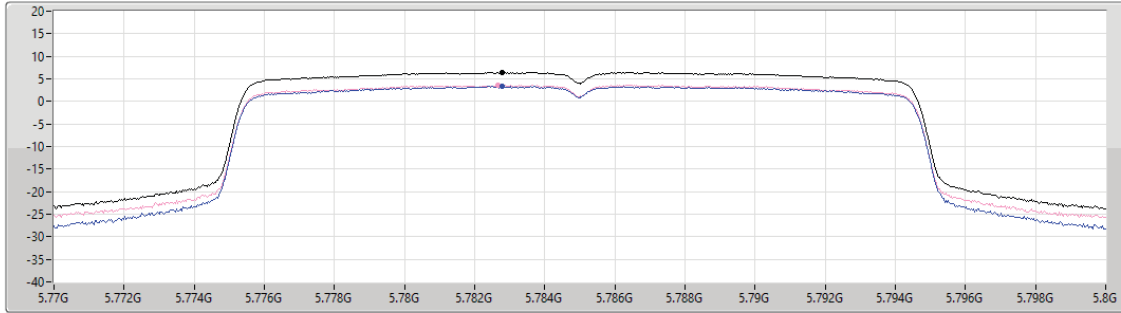
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

05/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.44	6.44	3.38	3.62

Sum
Port 1
Port 2

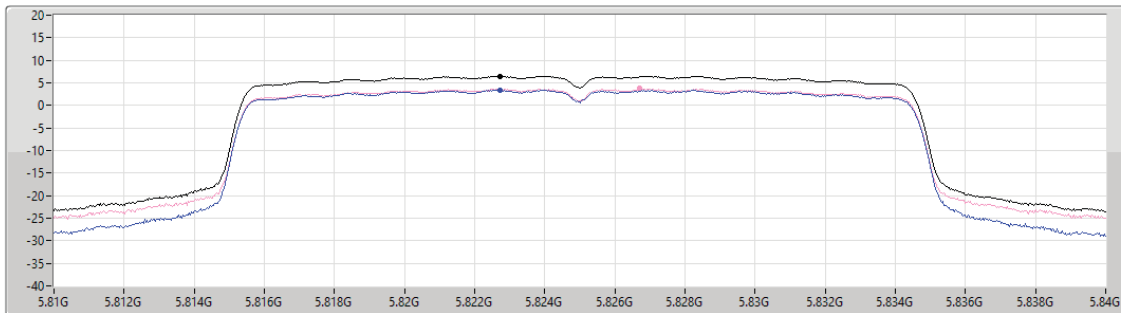
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

05/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.50	6.50	3.39	3.74

Sum
Port 1
Port 2



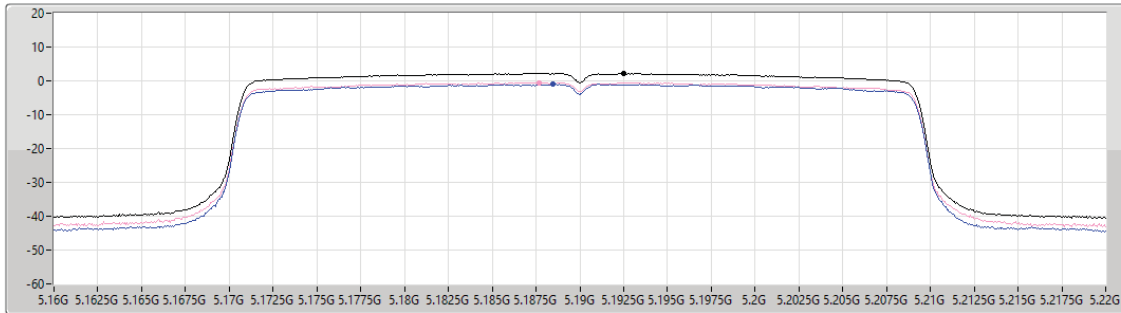
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

05/01/2023

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-0.96	-0.47

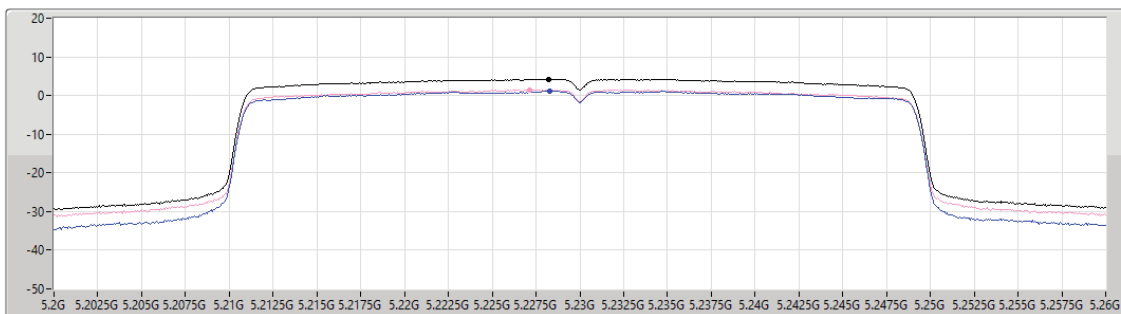
5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

05/01/2023

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25	1.11	1.48

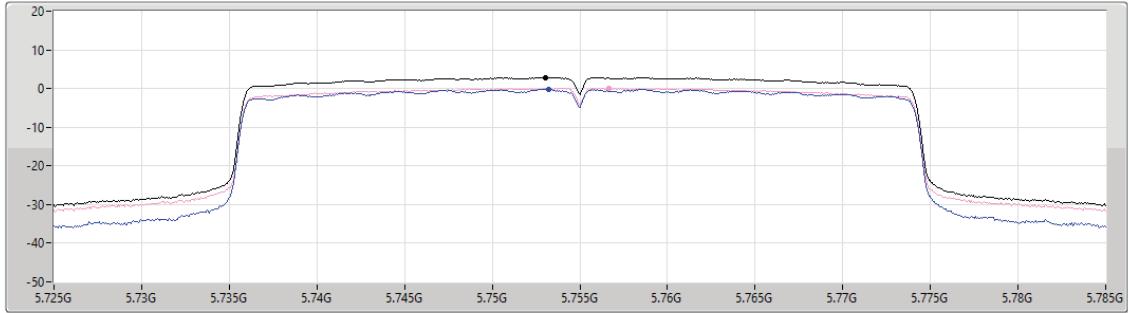
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

05/01/2023

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-0.19	0.11

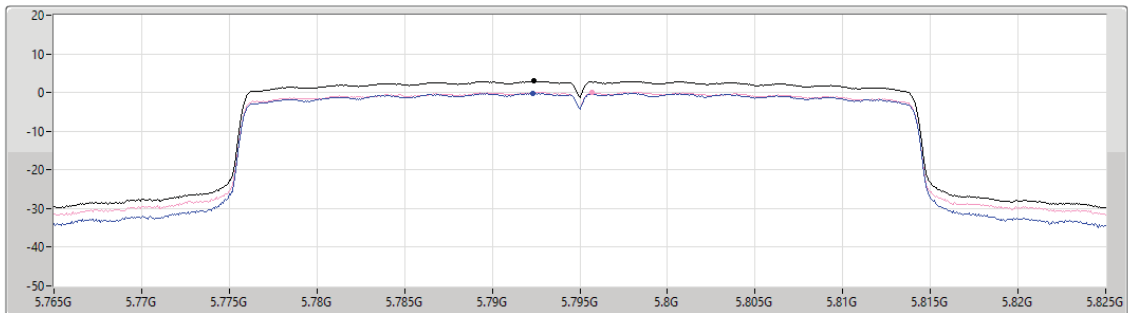
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

05/01/2023

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.93	2.93	-0.17	0.07

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

05/01/2023

CF
5.21GHz

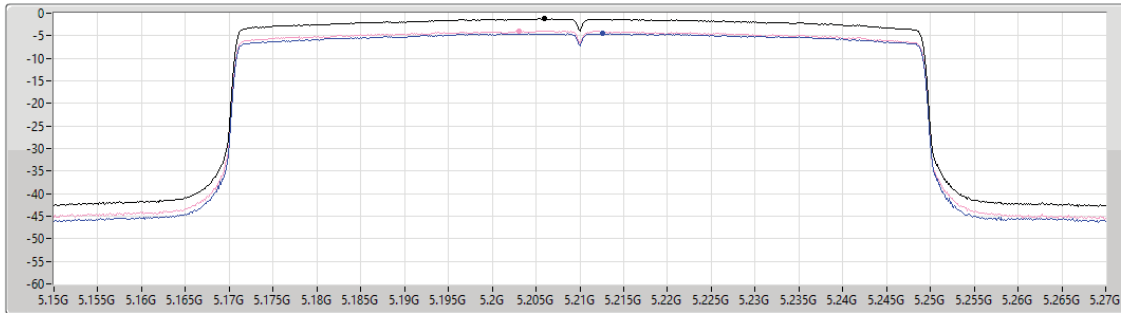
Span
120MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.23	-1.23	-4.53	-3.91

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

06/01/2023

CF
5.775GHz

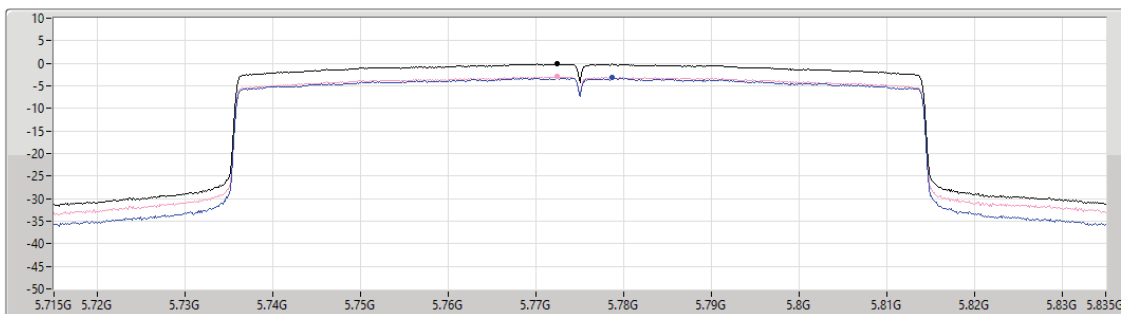
Span
120MHz

RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-3.23	-2.97



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.38	17.14
802.11ax HEW20_Nss1,(MCS0)_2TX	7.22	15.98
802.11ax HEW40_Nss1,(MCS0)_2TX	4.91	13.67
802.11ax HEW80_Nss1,(MCS0)_2TX	1.84	10.60
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.89	15.65
802.11ax HEW20_Nss1,(MCS0)_2TX	5.87	14.63
802.11ax HEW40_Nss1,(MCS0)_2TX	3.46	12.22
802.11ax HEW80_Nss1,(MCS0)_2TX	0.10	8.86

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.76	5.51	5.32	8.34	14.24	17.10	23.00
5200MHz	Pass	8.76	5.57	5.31	8.30	14.24	17.06	23.00
5240MHz	Pass	8.76	5.54	5.25	8.38	14.24	17.14	23.00
5745MHz	Pass	8.76	4.06	3.74	6.76	27.24	15.52	36.00
5785MHz	Pass	8.76	3.71	3.70	6.61	27.24	15.37	36.00
5825MHz	Pass	8.76	3.76	4.08	6.89	27.24	15.65	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.76	4.39	3.97	7.16	14.24	15.92	23.00
5200MHz	Pass	8.76	4.22	4.10	7.15	14.24	15.91	23.00
5240MHz	Pass	8.76	4.26	4.38	7.22	14.24	15.98	23.00
5745MHz	Pass	8.76	2.91	2.70	5.81	27.24	14.57	36.00
5785MHz	Pass	8.76	2.71	2.83	5.57	27.24	14.33	36.00
5825MHz	Pass	8.76	2.71	3.24	5.87	27.24	14.63	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.76	1.86	1.95	4.88	14.24	13.64	23.00
5230MHz	Pass	8.76	1.86	2.02	4.91	14.24	13.67	23.00
5755MHz	Pass	8.76	0.71	0.55	3.38	27.24	12.14	36.00
5795MHz	Pass	8.76	0.76	0.63	3.46	27.24	12.22	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.76	-1.22	-1.09	1.84	14.24	10.60	23.00
5775MHz	Pass	8.76	-2.82	-2.58	0.10	27.24	8.86	36.00

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;

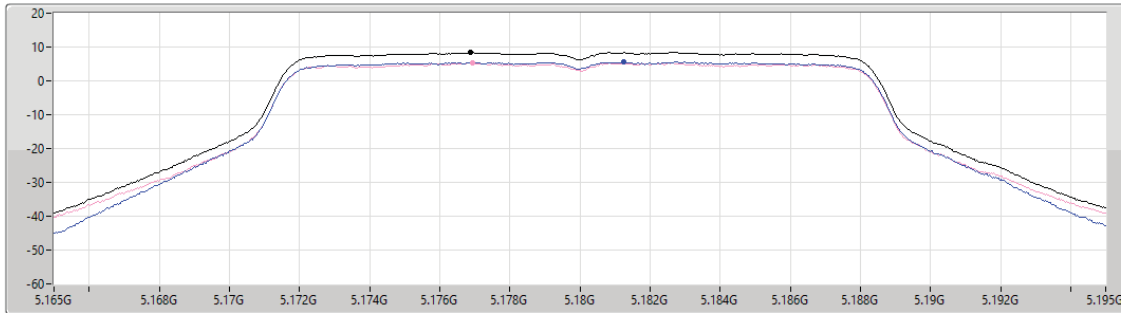
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

12/01/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.34	8.34	5.51	5.32

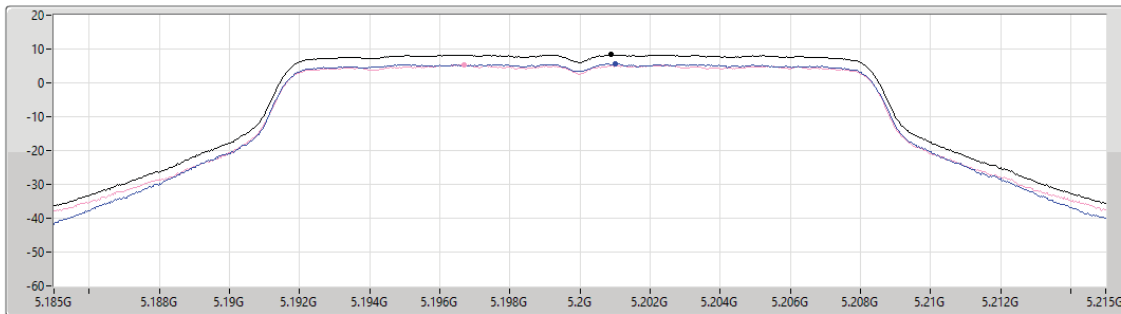
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

12/01/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.30	8.30	5.57	5.31

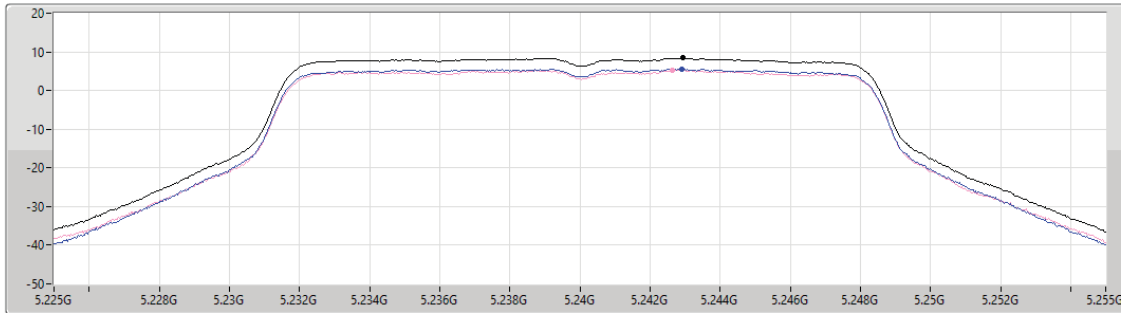
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

12/01/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	5.54	5.25

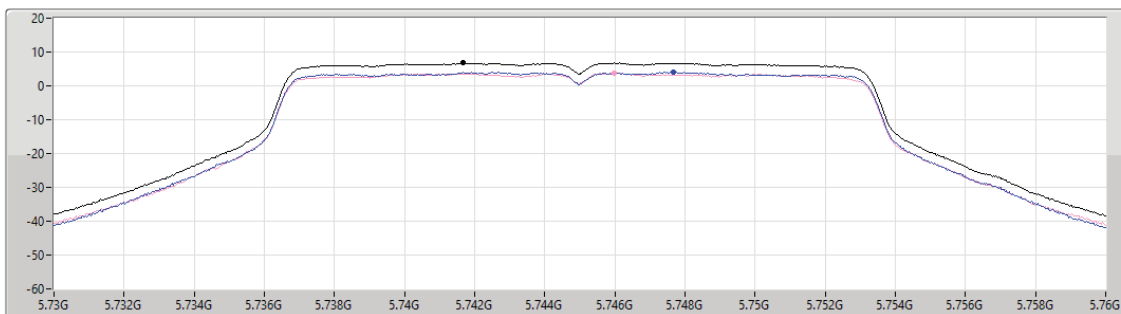
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

13/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
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	4.06	3.74

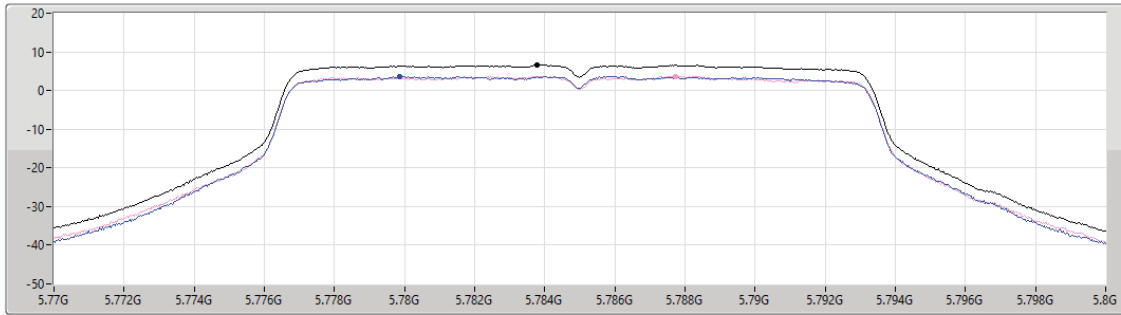
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

13/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.61	6.61	3.71	3.70

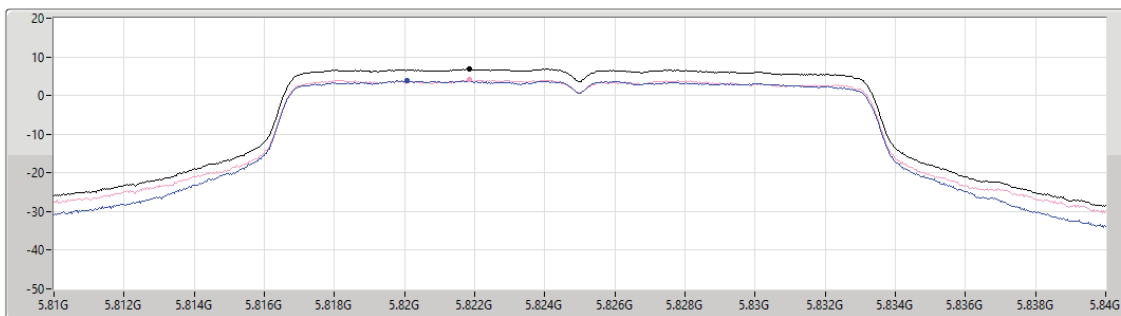
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

13/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.89	6.89	3.76	4.08

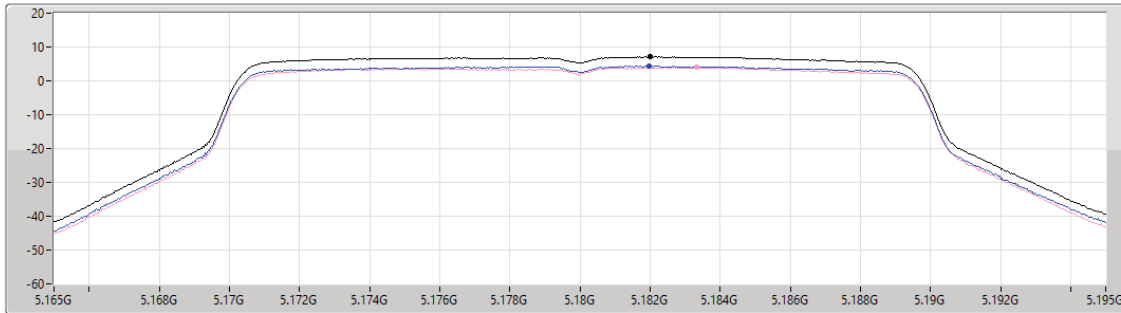
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

13/01/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	4.39	3.97

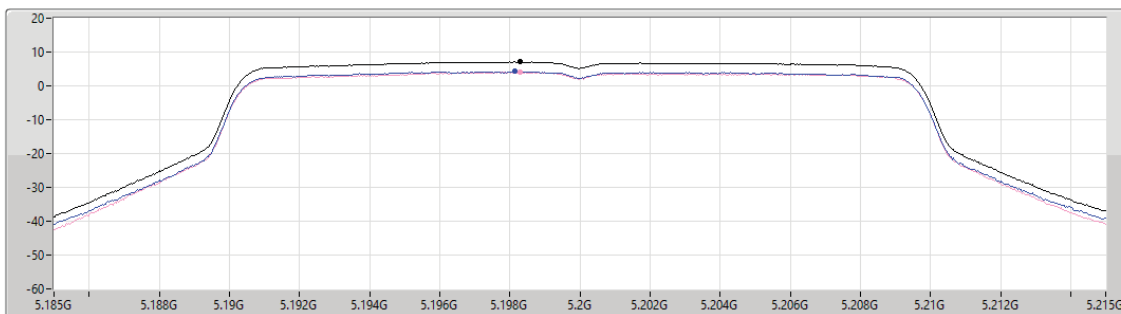
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

13/01/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	4.22	4.10

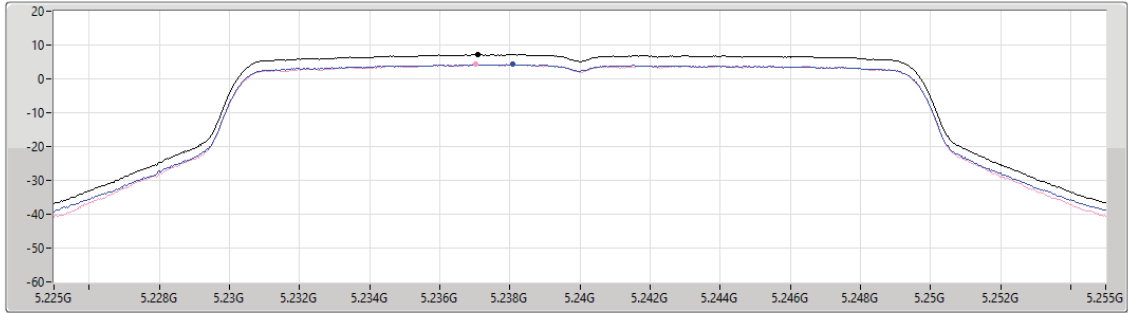
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

13/01/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
7.22	7.22	4.26	4.38

Sum
Port 1
Port 2

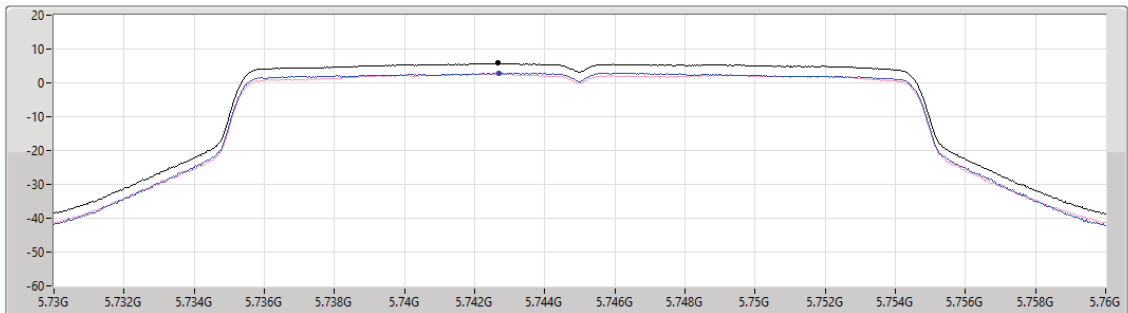
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

13/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
5.81	5.81	2.91	2.70

Sum
Port 1
Port 2

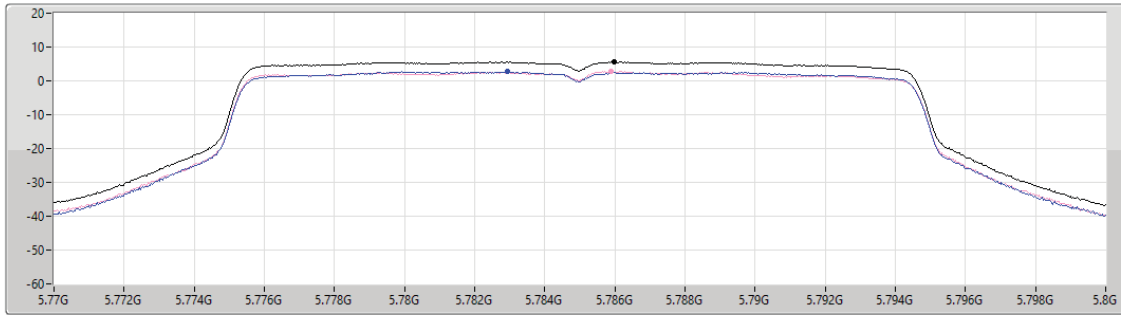
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

13/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
5.57	5.57	2.71	2.83

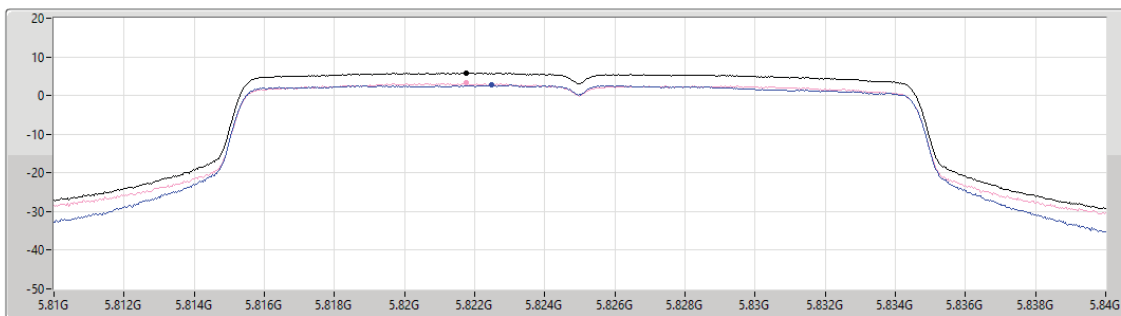
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

13/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
5.87	5.87	2.71	3.24

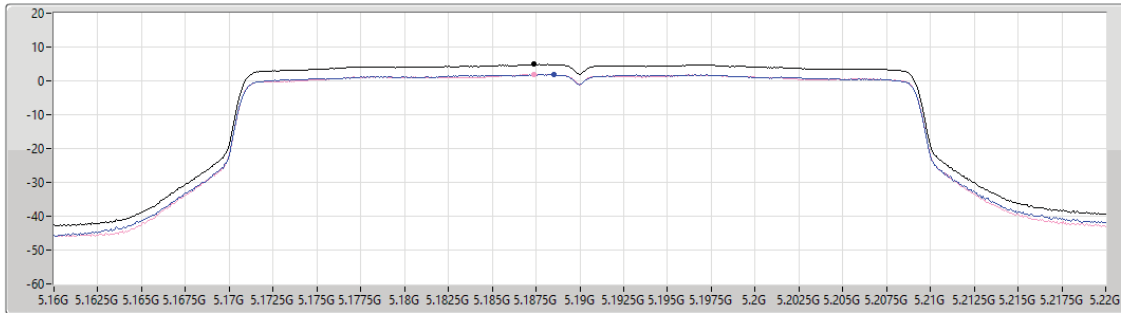
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

13/01/2023

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	1.86	1.95

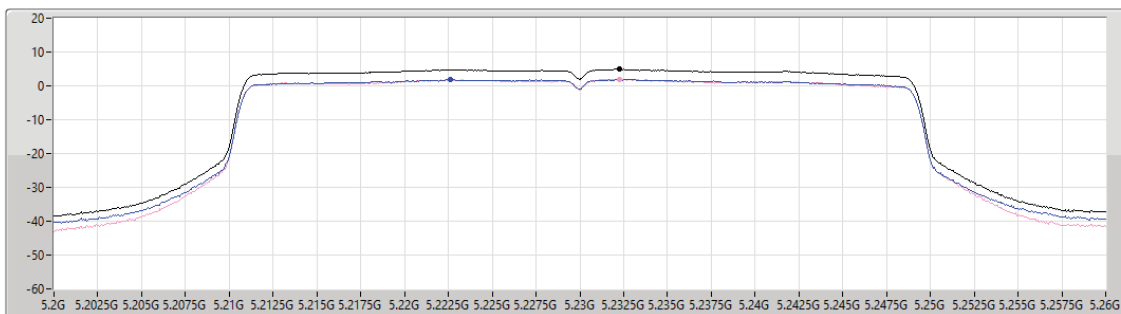
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

13/01/2023

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

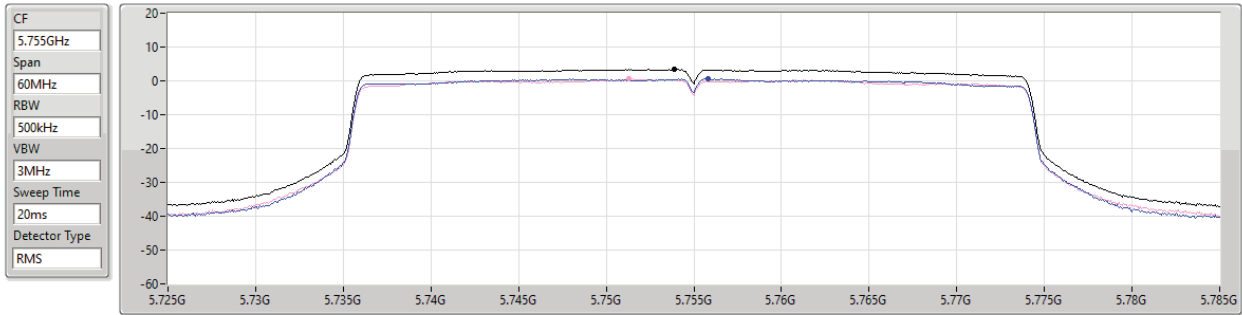
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	1.86	2.02

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

13/01/2023



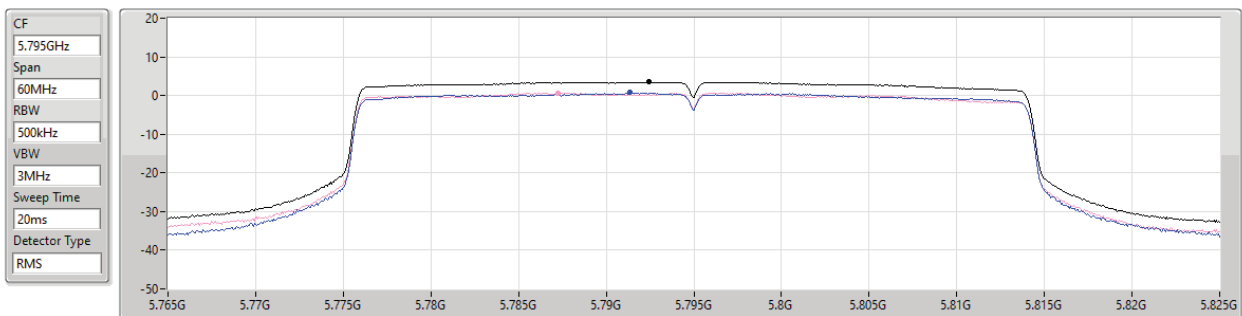
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	0.71	0.55

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

13/01/2023



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.46	3.46	0.76	0.63

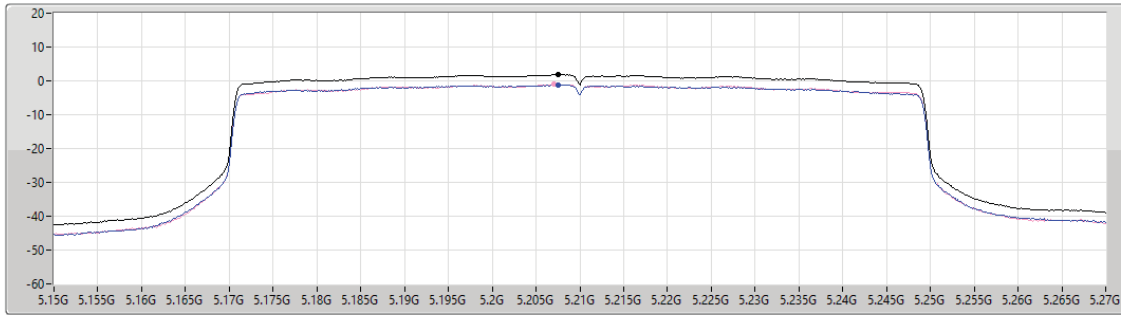
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

13/01/2023

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.84	1.84	-1.22	-1.09

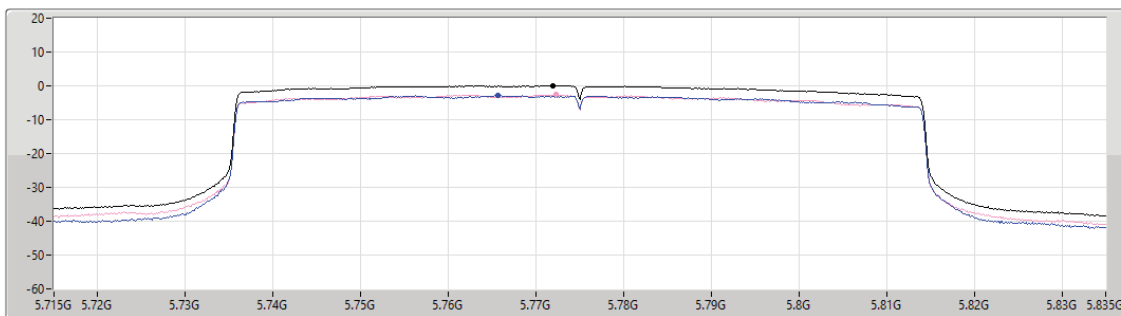
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

13/01/2023

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.10	0.10	-2.82	-2.58



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.65	16.77
802.11ax HEW20_Nss1,(MCS0)_2TX	7.56	16.68
802.11ax HEW40_Nss1,(MCS0)_2TX	4.36	13.48
802.11ax HEW80_Nss1,(MCS0)_2TX	0.30	9.42
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.07	16.19
802.11ax HEW20_Nss1,(MCS0)_2TX	6.74	15.86
802.11ax HEW40_Nss1,(MCS0)_2TX	3.43	12.55
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.01	7.11

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.12	4.07	4.90	7.46	7.88	16.58	17.00
5200MHz	Pass	9.12	4.41	5.01	7.65	7.88	16.77	17.00
5240MHz	Pass	9.12	4.36	5.03	7.61	7.88	16.73	17.00
5745MHz	Pass	9.12	3.74	4.37	6.95	26.88	16.07	36.00
5785MHz	Pass	9.12	3.78	4.33	7.07	26.88	16.19	36.00
5825MHz	Pass	9.12	3.89	4.09	6.93	26.88	16.05	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.12	3.65	4.25	6.91	7.88	16.03	17.00
5200MHz	Pass	9.12	4.25	4.95	7.56	7.88	16.68	17.00
5240MHz	Pass	9.12	4.32	4.88	7.51	7.88	16.63	17.00
5745MHz	Pass	9.12	3.44	4.07	6.74	26.88	15.86	36.00
5785MHz	Pass	9.12	3.57	4.03	6.74	26.88	15.86	36.00
5825MHz	Pass	9.12	3.51	3.93	6.63	26.88	15.75	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.12	-0.01	0.80	3.34	7.88	12.46	17.00
5230MHz	Pass	9.12	1.17	1.66	4.36	7.88	13.48	17.00
5755MHz	Pass	9.12	0.17	0.76	3.43	26.88	12.55	36.00
5795MHz	Pass	9.12	0.16	0.54	3.28	26.88	12.40	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.12	-2.97	-2.41	0.30	7.88	9.42	17.00
5775MHz	Pass	9.12	-5.20	-4.78	-2.01	26.88	7.11	36.00

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;



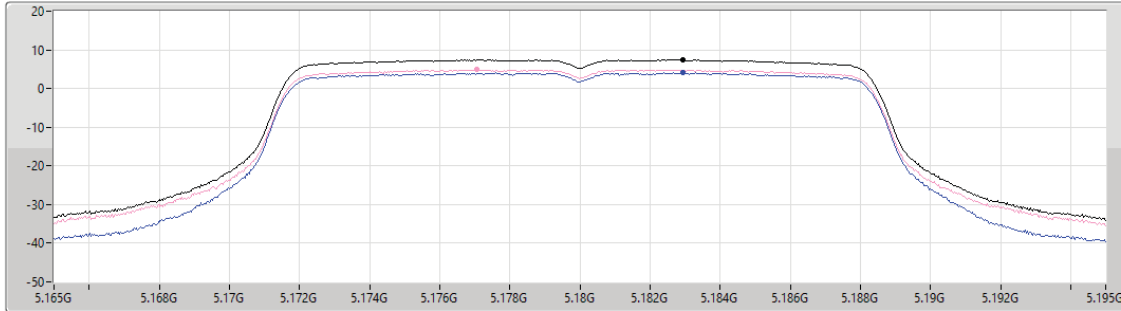
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

24/04/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	4.07	4.90

Sum
Port 1
Port 2

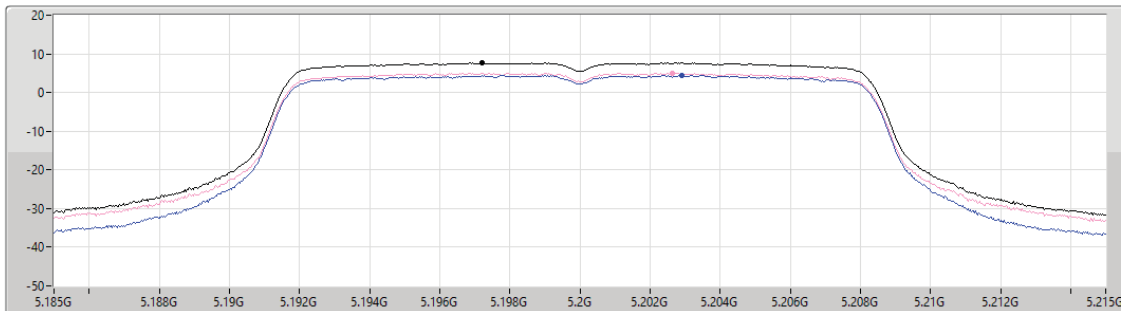
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

24/04/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	4.41	5.01

Sum
Port 1
Port 2

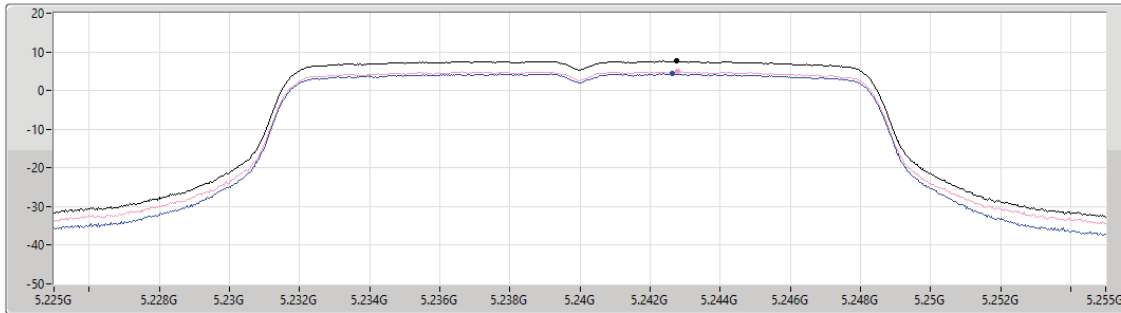
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

24/04/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
7.61	7.61	4.36	5.03

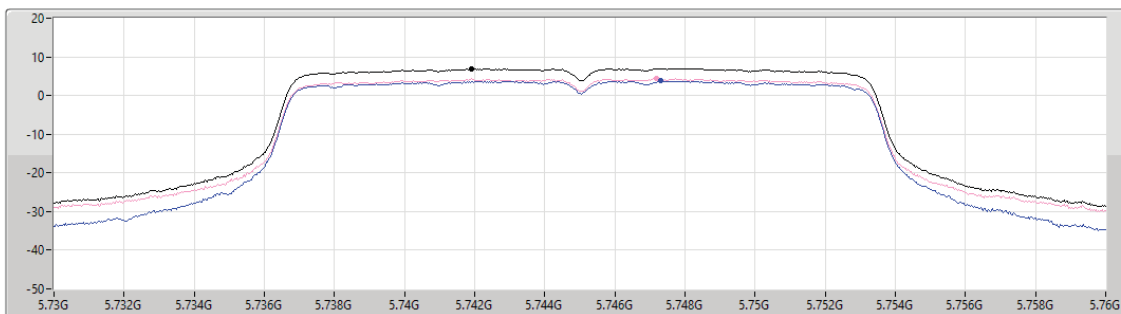
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

13/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.95	6.95	3.74	4.37

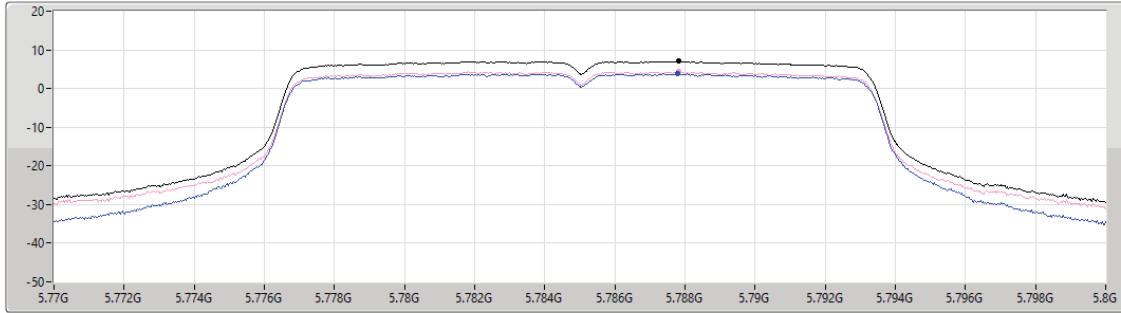
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

13/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	3.78	4.33

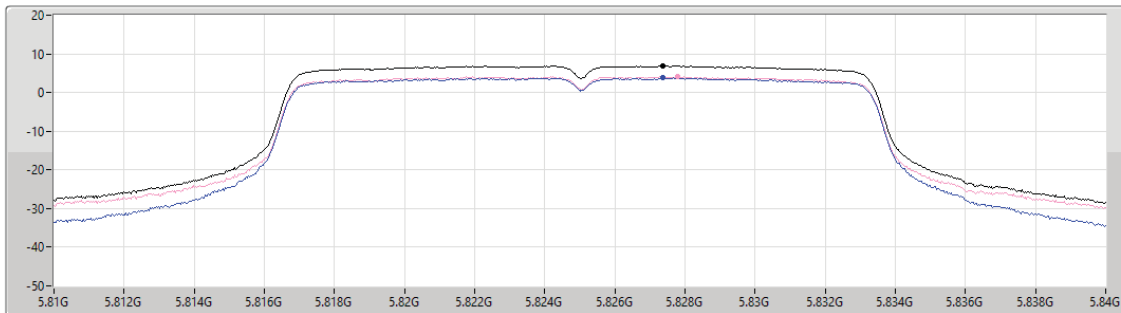
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

13/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	3.89	4.09



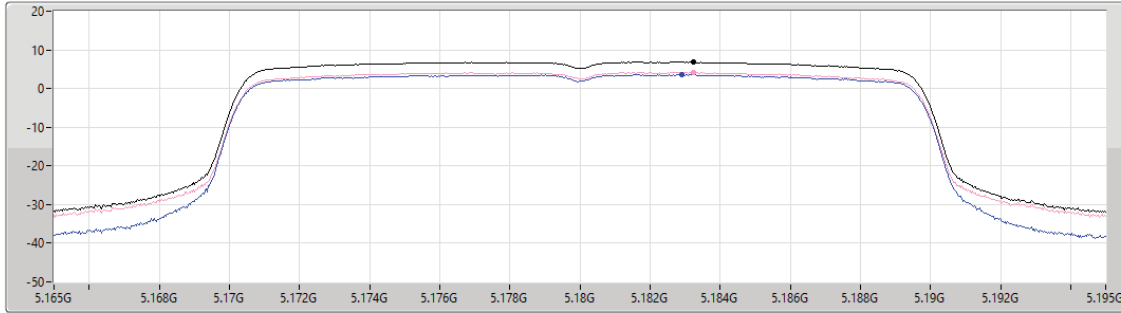
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

13/01/2023

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	3.65	4.25

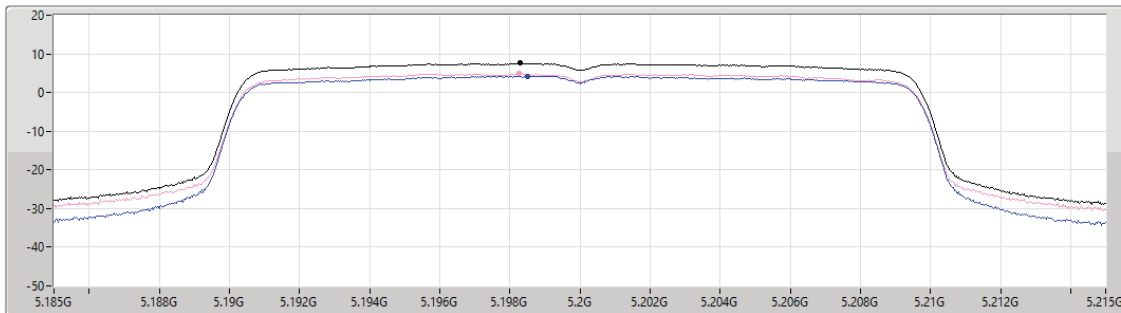
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

24/04/2023

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	4.25	4.95

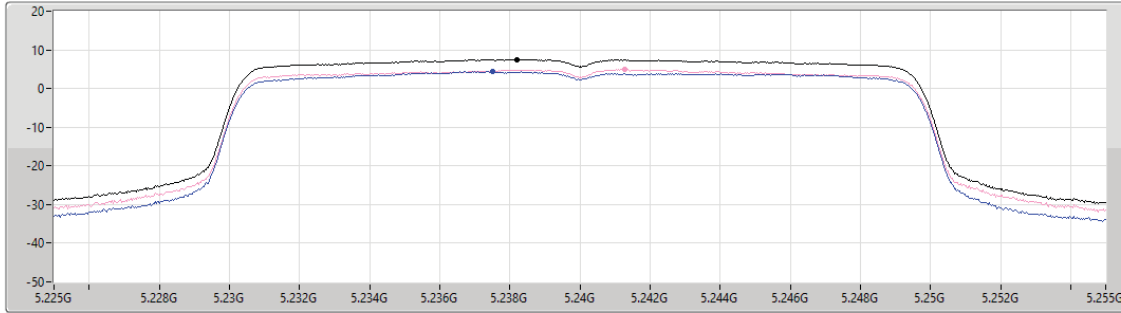
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

24/04/2023

CF
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
7.51	7.51	4.32	4.88

Sum
Port 1
Port 2

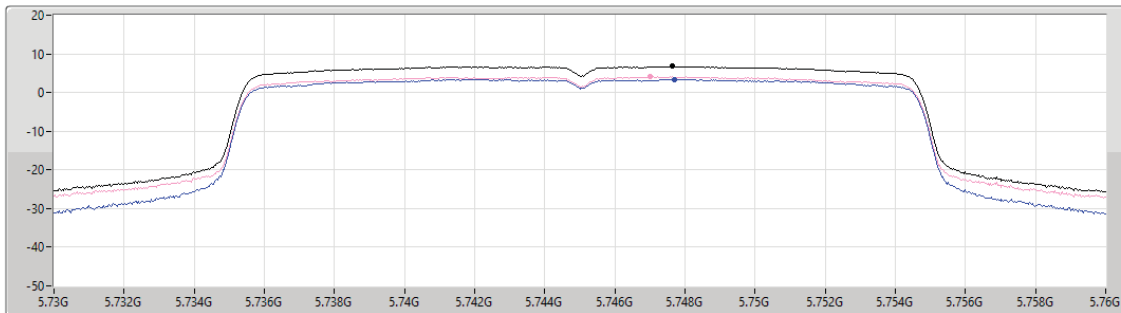
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

13/01/2023

CF
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
6.74	6.74	3.44	4.07

Sum
Port 1
Port 2

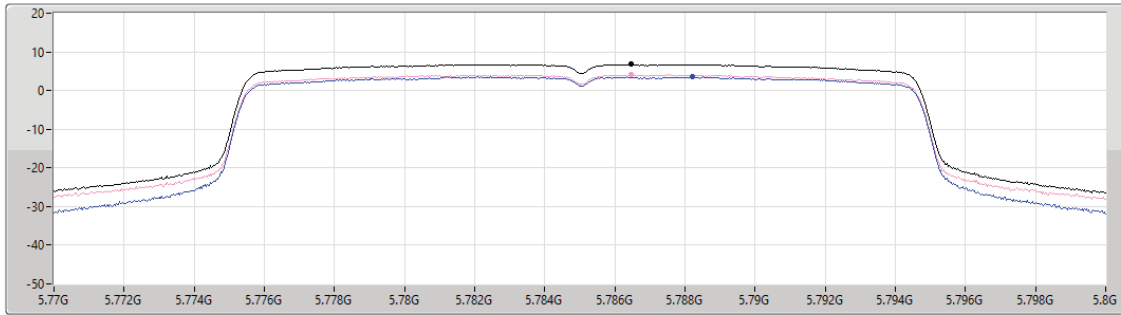
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

13/01/2023

CF
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.74	6.74	3.57	4.03

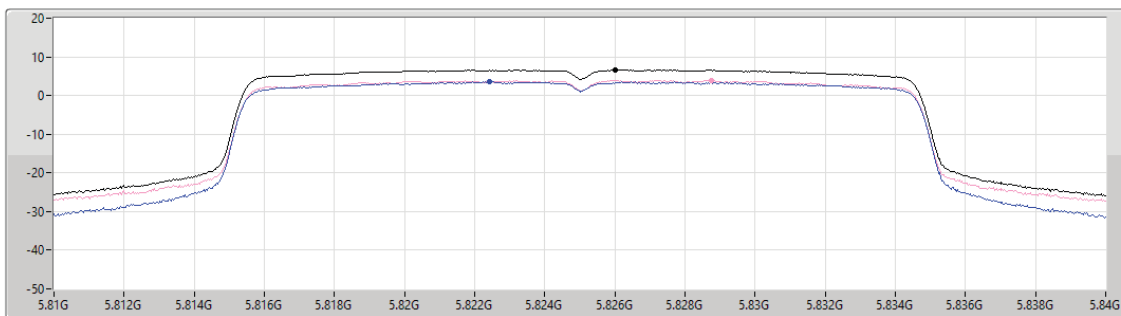
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

13/01/2023

CF
5.825GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.63	6.63	3.51	3.93

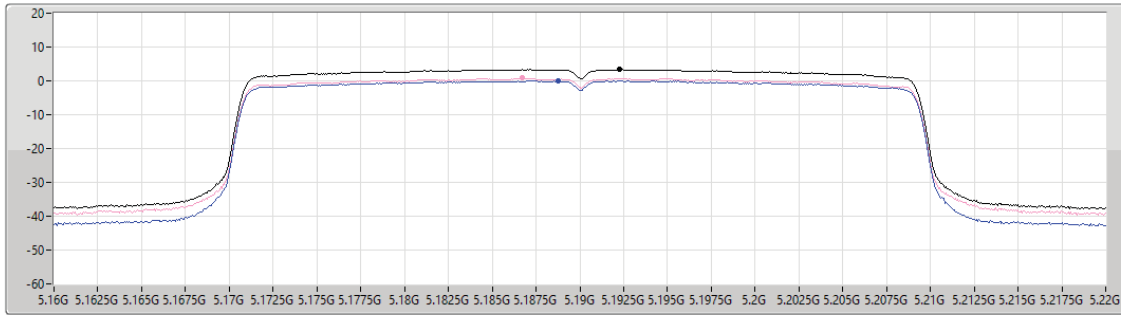
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

13/01/2023

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	-0.01	0.80

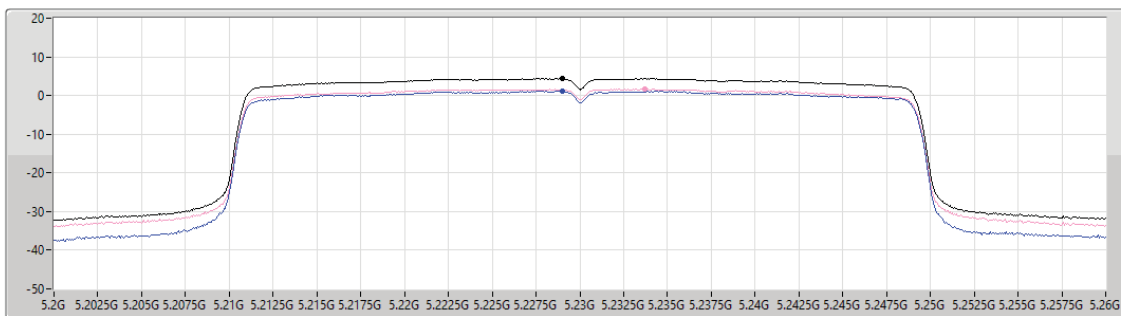
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

13/01/2023

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	1.17	1.66

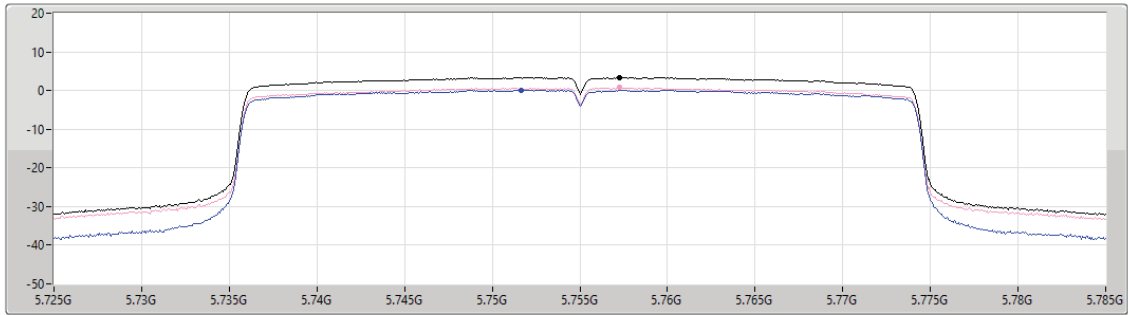
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

13/01/2023

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.43	3.43	0.17	0.76

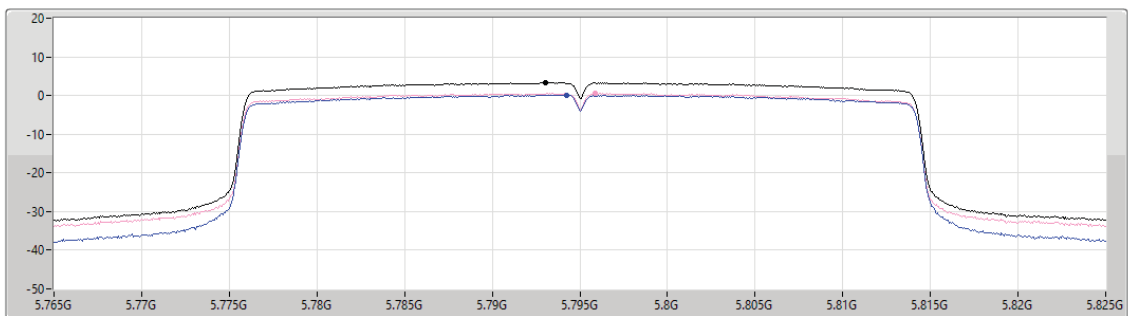
5.725-5.85GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

13/01/2023

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.28	3.28	0.16	0.54

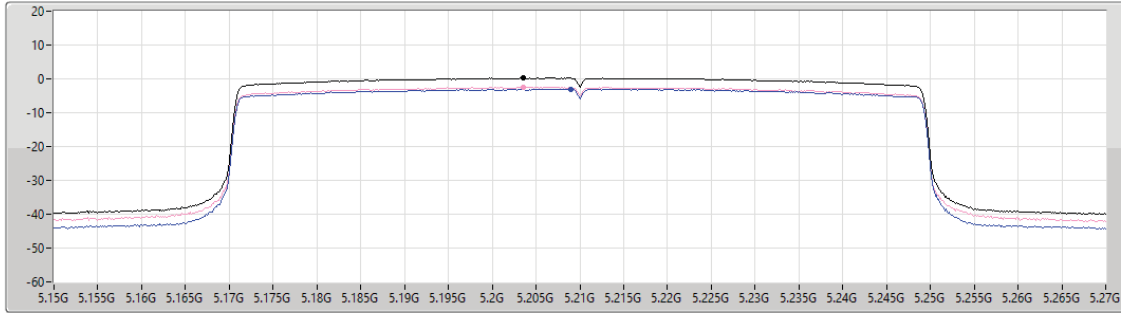
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

13/01/2023

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
0.30	0.30	-2.97	-2.41

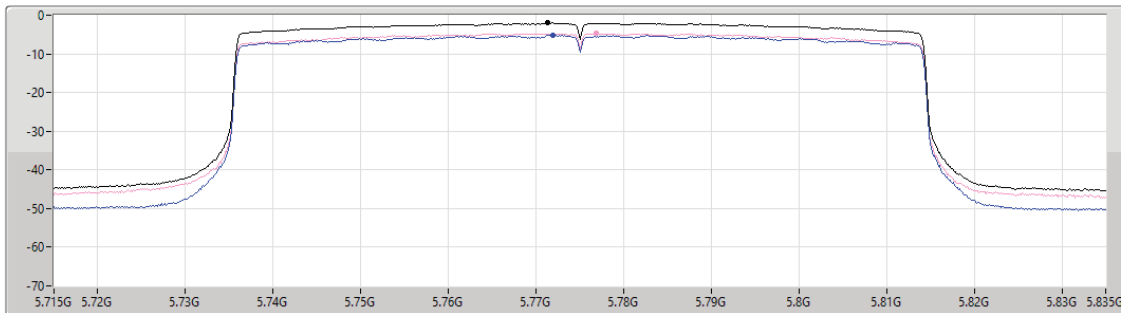
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

13/01/2023

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
-2.01	-2.01	-5.20	-4.78



Summary

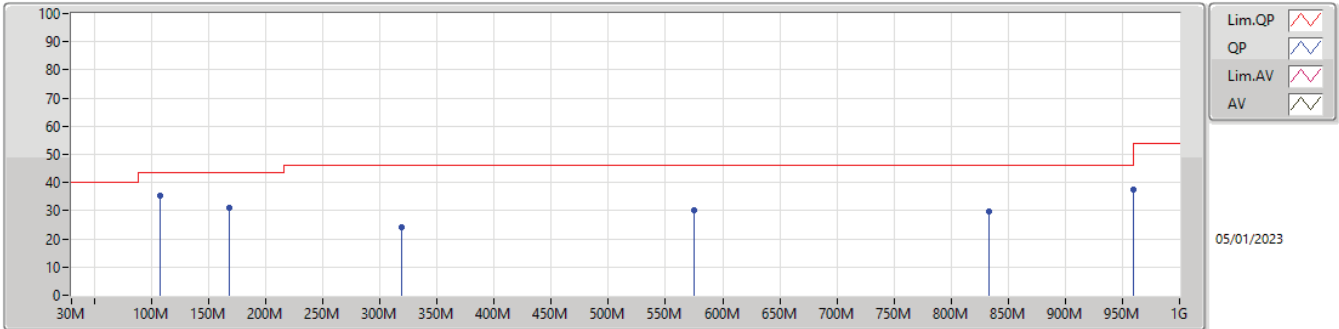
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	95.96M	39.43	43.50	-4.07	3	Horizontal	0	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	107.6M	35.23	43.50	-8.27	3	Vertical	360	1.00
5775MHz	Pass	PK	167.74M	31.17	43.50	-12.33	3	Vertical	360	1.00
5775MHz	Pass	PK	319.06M	24.24	46.00	-21.76	3	Vertical	360	1.00
5775MHz	Pass	PK	575.14M	30.03	46.00	-15.97	3	Vertical	360	1.00
5775MHz	Pass	PK	833.16M	29.94	46.00	-16.06	3	Vertical	360	1.00
5775MHz	Pass	PK	959.26M	37.43	46.00	-8.57	3	Vertical	360	1.00
5775MHz	Pass	PK	95.96M	39.43	43.50	-4.07	3	Horizontal	0	1.00
5775MHz	Pass	PK	192.96M	38.62	43.50	-4.88	3	Horizontal	0	1.00
5775MHz	Pass	PK	220.12M	30.13	46.00	-15.87	3	Horizontal	0	1.00
5775MHz	Pass	PK	575.14M	40.40	46.00	-5.60	3	Horizontal	0	1.00
5775MHz	Pass	PK	767.2M	29.24	46.00	-16.76	3	Horizontal	0	1.00
5775MHz	Pass	PK	959.26M	34.66	46.00	-11.34	3	Horizontal	0	1.00

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

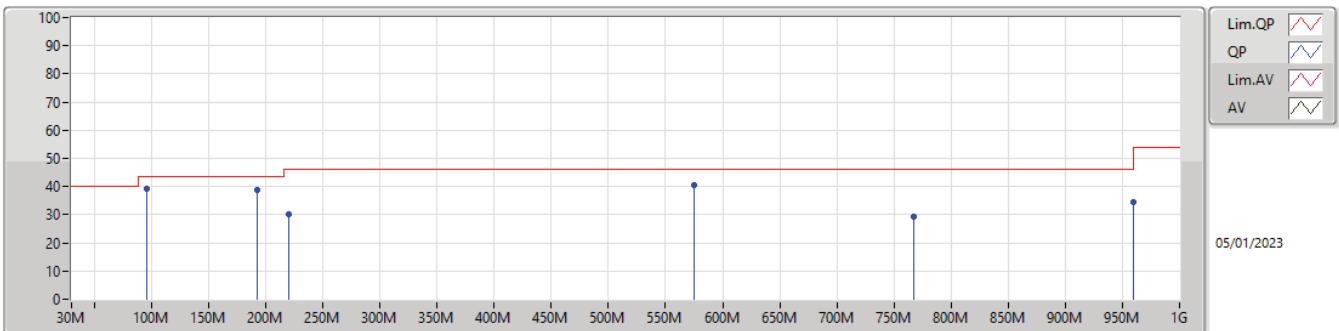
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	107.6M	35.23	43.50	-8.27	-19.54	3	Vertical	360	1.00	54.77	15.97	1.12	36.63
PK	167.74M	31.17	43.50	-12.33	-19.91	3	Vertical	360	1.00	51.08	15.09	1.44	36.44
PK	319.06M	24.24	46.00	-21.76	-15.72	3	Vertical	360	1.00	39.96	18.59	2.15	36.46
PK	575.14M	30.03	46.00	-15.97	-9.40	3	Vertical	360	1.00	39.43	24.96	2.75	37.11
PK	833.16M	29.94	46.00	-16.06	-6.16	3	Vertical	360	1.00	36.10	27.94	3.47	37.57
PK	959.26M	37.43	46.00	-8.57	-3.47	3	Vertical	360	1.00	40.90	30.07	3.77	37.31

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	95.96M	39.43	43.50	-4.07	-20.86	3	Horizontal	0	1.00	60.29	14.71	1.09	36.66
PK	192.96M	38.62	43.50	-4.88	-20.74	3	Horizontal	0	1.00	59.36	14.02	1.58	36.34
PK	220.12M	30.13	46.00	-15.87	-20.30	3	Horizontal	0	1.00	50.43	14.31	1.74	36.35
PK	575.14M	40.40	46.00	-5.60	-9.40	3	Horizontal	0	1.00	49.80	24.96	2.75	37.11
PK	767.2M	29.24	46.00	-16.76	-6.78	3	Horizontal	0	1.00	36.02	27.36	3.31	37.45
PK	959.26M	34.66	46.00	-11.34	-3.47	3	Horizontal	0	1.00	38.13	30.07	3.77	37.31

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.15G	49.26	54.00	-4.74	3	Horizontal	51	1.00
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.1498G	47.28	54.00	-6.72	3	Horizontal	48	1.00
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1476G	49.07	54.00	-4.93	3	Horizontal	8	1.43
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.146G	51.16	54.00	-2.84	3	Horizontal	50	1.01
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.9358G	59.64	68.20	-8.56	3	Vertical	31	1.38
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.9286G	58.42	68.20	-9.78	3	Horizontal	339	2.50
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.6458G	59.27	68.20	-8.93	3	Horizontal	345	2.06
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6514G	62.19	69.24	-7.05	3	Horizontal	348	2.11



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1432G	46.87	54.00	-7.13	3	Vertical	13	1.22
5180MHz	Pass	AV	5.1754G	101.67	Inf	-Inf	3	Vertical	13	1.22
5180MHz	Pass	PK	5.1356G	57.75	74.00	-16.25	3	Vertical	13	1.22
5180MHz	Pass	PK	5.1752G	109.35	Inf	-Inf	3	Vertical	13	1.22
5180MHz	Pass	AV	5.15G	49.26	54.00	-4.74	3	Horizontal	51	1.00
5180MHz	Pass	AV	5.1752G	108.71	Inf	-Inf	3	Horizontal	51	1.00
5180MHz	Pass	PK	5.1496G	59.72	74.00	-14.28	3	Horizontal	51	1.00
5180MHz	Pass	PK	5.1754G	116.45	Inf	-Inf	3	Horizontal	51	1.00
5180MHz	Pass	PK	10.36006G	53.51	68.20	-14.69	3	Vertical	270	1.50
5180MHz	Pass	PK	10.36126G	53.13	68.20	-15.07	3	Horizontal	3	1.50
5200MHz	Pass	AV	5.1108G	46.79	54.00	-7.21	3	Vertical	18	1.82
5200MHz	Pass	AV	5.1968G	102.01	Inf	-Inf	3	Vertical	18	1.82
5200MHz	Pass	PK	5.1284G	58.03	74.00	-15.97	3	Vertical	18	1.82
5200MHz	Pass	PK	5.1968G	109.93	Inf	-Inf	3	Vertical	18	1.82
5200MHz	Pass	AV	5.1036G	47.67	54.00	-6.33	3	Horizontal	49	1.01
5200MHz	Pass	AV	5.1952G	108.56	Inf	-Inf	3	Horizontal	49	1.01
5200MHz	Pass	PK	5.1468G	58.99	74.00	-15.01	3	Horizontal	49	1.01
5200MHz	Pass	PK	5.2008G	116.20	Inf	-Inf	3	Horizontal	49	1.01
5200MHz	Pass	PK	10.3898G	53.59	68.20	-14.61	3	Vertical	66	1.50
5200MHz	Pass	PK	10.39346G	53.65	68.20	-14.55	3	Horizontal	110	1.50
5240MHz	Pass	AV	5.1086G	46.65	54.00	-7.35	3	Vertical	354	1.47
5240MHz	Pass	AV	5.2442G	101.63	Inf	-Inf	3	Vertical	354	1.47
5240MHz	Pass	AV	5.3762G	45.94	54.00	-8.06	3	Vertical	354	1.47
5240MHz	Pass	PK	5.138G	57.55	74.00	-16.45	3	Vertical	354	1.47
5240MHz	Pass	PK	5.2436G	109.83	Inf	-Inf	3	Vertical	354	1.47
5240MHz	Pass	PK	5.3762G	56.14	74.00	-17.86	3	Vertical	354	1.47
5240MHz	Pass	AV	5.1476G	47.37	54.00	-6.63	3	Horizontal	13	2.68
5240MHz	Pass	AV	5.2394G	107.27	Inf	-Inf	3	Horizontal	13	2.68
5240MHz	Pass	AV	5.3762G	46.79	54.00	-7.21	3	Horizontal	13	2.68
5240MHz	Pass	PK	5.1074G	58.07	74.00	-15.93	3	Horizontal	13	2.68
5240MHz	Pass	PK	5.2442G	115.04	Inf	-Inf	3	Horizontal	13	2.68
5240MHz	Pass	PK	5.3594G	56.08	74.00	-17.92	3	Horizontal	13	2.68
5240MHz	Pass	PK	10.48882G	54.21	68.20	-13.99	3	Vertical	166	2.07
5240MHz	Pass	PK	10.47772G	53.10	68.20	-15.10	3	Horizontal	271	2.44
5745MHz	Pass	AV	5.7414G	102.08	Inf	-Inf	3	Vertical	31	1.38
5745MHz	Pass	PK	5.5566G	57.50	68.20	-10.70	3	Vertical	31	1.38
5745MHz	Pass	PK	5.7414G	110.65	Inf	-Inf	3	Vertical	31	1.38
5745MHz	Pass	PK	5.9358G	59.64	68.20	-8.56	3	Vertical	31	1.38
5745MHz	Pass	AV	5.7426G	107.44	Inf	-Inf	3	Horizontal	341	2.92
5745MHz	Pass	PK	5.5254G	57.92	68.20	-10.28	3	Horizontal	341	2.92
5745MHz	Pass	PK	5.7414G	115.14	Inf	-Inf	3	Horizontal	341	2.92
5745MHz	Pass	PK	6.027G	58.97	68.20	-9.23	3	Horizontal	341	2.92
5745MHz	Pass	AV	11.49204G	42.74	54.00	-11.26	3	Vertical	260	2.14
5745MHz	Pass	PK	11.49111G	53.61	74.00	-20.39	3	Vertical	260	2.14
5745MHz	Pass	AV	11.49187G	42.75	54.00	-11.25	3	Horizontal	158	1.99
5745MHz	Pass	PK	11.49052G	54.03	74.00	-19.97	3	Horizontal	158	1.99
5785MHz	Pass	AV	5.78371G	101.54	Inf	-Inf	3	Vertical	33	1.39
5785MHz	Pass	PK	5.60705G	58.27	68.20	-9.93	3	Vertical	33	1.39
5785MHz	Pass	PK	5.78855G	109.39	Inf	-Inf	3	Vertical	33	1.39
5785MHz	Pass	PK	5.9398G	58.89	68.20	-9.31	3	Vertical	33	1.39
5785MHz	Pass	AV	5.78371G	107.82	Inf	-Inf	3	Horizontal	348	2.10
5785MHz	Pass	PK	5.58769G	58.62	68.20	-9.58	3	Horizontal	348	2.10
5785MHz	Pass	PK	5.78371G	115.03	Inf	-Inf	3	Horizontal	348	2.10
5785MHz	Pass	PK	5.93133G	58.77	68.20	-9.43	3	Horizontal	348	2.10
5785MHz	Pass	AV	11.56833G	42.77	54.00	-11.23	3	Vertical	339	2.21
5785MHz	Pass	PK	11.56806G	52.67	74.00	-21.33	3	Vertical	339	2.21
5785MHz	Pass	AV	11.56773G	42.56	54.00	-11.44	3	Horizontal	178	2.97
5785MHz	Pass	PK	11.5683G	53.52	74.00	-20.48	3	Horizontal	178	2.97
5825MHz	Pass	AV	5.8238G	102.29	Inf	-Inf	3	Vertical	28	2.31
5825MHz	Pass	PK	5.6078G	57.69	68.20	-10.51	3	Vertical	28	2.31



RSE TX above 1GHz_C-330_Radio 0

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	PK	5.8238G	110.19	Inf	-Inf	3	Vertical	28	2.31
5825MHz	Pass	PK	5.9486G	58.59	68.20	-9.61	3	Vertical	28	2.31
5825MHz	Pass	AV	5.8286G	108.69	Inf	-Inf	3	Horizontal	345	2.76
5825MHz	Pass	PK	5.5562G	58.12	68.20	-10.08	3	Horizontal	345	2.76
5825MHz	Pass	PK	5.8286G	116.66	Inf	-Inf	3	Horizontal	345	2.76
5825MHz	Pass	PK	5.9882G	58.37	68.20	-9.83	3	Horizontal	345	2.76
5825MHz	Pass	AV	11.65029G	42.72	54.00	-11.28	3	Vertical	342	1.93
5825MHz	Pass	PK	11.64897G	53.63	74.00	-20.37	3	Vertical	342	1.93
5825MHz	Pass	AV	11.6524G	42.73	54.00	-11.27	3	Horizontal	75	2.15
5825MHz	Pass	PK	11.65156G	53.49	74.00	-20.51	3	Horizontal	75	2.15
802.11ax HEW20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	46.15	54.00	-7.85	3	Vertical	331	2.46
5180MHz	Pass	AV	5.179G	102.09	Inf	-Inf	3	Vertical	331	2.46
5180MHz	Pass	PK	5.1376G	57.81	74.00	-16.19	3	Vertical	331	2.46
5180MHz	Pass	PK	5.1788G	112.05	Inf	-Inf	3	Vertical	331	2.46
5180MHz	Pass	AV	5.1498G	47.28	54.00	-6.72	3	Horizontal	48	1.00
5180MHz	Pass	AV	5.181G	106.59	Inf	-Inf	3	Horizontal	48	1.00
5180MHz	Pass	PK	5.1412G	57.73	74.00	-16.27	3	Horizontal	48	1.00
5180MHz	Pass	PK	5.1798G	117.47	Inf	-Inf	3	Horizontal	48	1.00
5180MHz	Pass	PK	10.36104G	52.96	68.20	-15.24	3	Vertical	116	1.71
5180MHz	Pass	PK	10.37272G	53.02	68.20	-15.18	3	Horizontal	0	2.36
5200MHz	Pass	AV	5.1072G	45.82	54.00	-8.18	3	Vertical	332	2.59
5200MHz	Pass	AV	5.2044G	102.03	Inf	-Inf	3	Vertical	332	2.59
5200MHz	Pass	PK	5.1032G	56.71	74.00	-17.29	3	Vertical	332	2.59
5200MHz	Pass	PK	5.2032G	111.77	Inf	-Inf	3	Vertical	332	2.59
5200MHz	Pass	AV	5.1432G	46.35	54.00	-7.65	3	Horizontal	45	1.00
5200MHz	Pass	AV	5.1968G	106.93	Inf	-Inf	3	Horizontal	45	1.00
5200MHz	Pass	PK	5.1252G	57.55	74.00	-16.45	3	Horizontal	45	1.00
5200MHz	Pass	PK	5.1964G	117.76	Inf	-Inf	3	Horizontal	45	1.00
5200MHz	Pass	PK	10.39048G	52.34	68.20	-15.86	3	Vertical	105	2.16
5200MHz	Pass	PK	10.41344G	53.81	68.20	-14.39	3	Horizontal	256	2.57
5240MHz	Pass	AV	5.1416G	45.86	54.00	-8.14	3	Vertical	346	2.37
5240MHz	Pass	AV	5.2394G	101.29	Inf	-Inf	3	Vertical	346	2.37
5240MHz	Pass	AV	5.39G	44.55	54.00	-9.45	3	Vertical	346	2.37
5240MHz	Pass	PK	5.0924G	56.96	74.00	-17.04	3	Vertical	346	2.37
5240MHz	Pass	PK	5.2394G	111.49	Inf	-Inf	3	Vertical	346	2.37
5240MHz	Pass	PK	5.39G	55.45	74.00	-18.55	3	Vertical	346	2.37
5240MHz	Pass	AV	5.1476G	46.52	54.00	-7.48	3	Horizontal	46	1.00
5240MHz	Pass	AV	5.2358G	106.97	Inf	-Inf	3	Horizontal	46	1.00
5240MHz	Pass	AV	5.3762G	46.97	54.00	-7.03	3	Horizontal	46	1.00
5240MHz	Pass	PK	5.1494G	57.45	74.00	-16.55	3	Horizontal	46	1.00
5240MHz	Pass	PK	5.237G	116.58	Inf	-Inf	3	Horizontal	46	1.00
5240MHz	Pass	PK	5.3876G	55.74	74.00	-18.26	3	Horizontal	46	1.00
5240MHz	Pass	PK	10.47232G	52.74	68.20	-15.46	3	Vertical	325	1.31
5240MHz	Pass	PK	10.46472G	53.07	68.20	-15.13	3	Horizontal	146	2.59
5745MHz	Pass	AV	5.7438G	100.70	Inf	-Inf	3	Vertical	27	2.25
5745MHz	Pass	PK	5.6058G	56.46	68.20	-11.74	3	Vertical	27	2.25
5745MHz	Pass	PK	5.7426G	109.54	Inf	-Inf	3	Vertical	27	2.25
5745MHz	Pass	PK	5.9886G	57.26	68.20	-10.94	3	Vertical	27	2.25
5745MHz	Pass	AV	5.7402G	105.88	Inf	-Inf	3	Horizontal	339	2.50
5745MHz	Pass	PK	5.5674G	57.19	68.20	-11.01	3	Horizontal	339	2.50
5745MHz	Pass	PK	5.7414G	115.23	Inf	-Inf	3	Horizontal	339	2.50
5745MHz	Pass	PK	5.9286G	58.42	68.20	-9.78	3	Horizontal	339	2.50
5745MHz	Pass	AV	11.49592G	41.59	54.00	-12.41	3	Vertical	360	1.21
5745MHz	Pass	PK	11.50008G	52.96	74.00	-21.04	3	Vertical	360	1.21
5745MHz	Pass	AV	11.5068G	41.60	54.00	-12.40	3	Horizontal	291	2.55
5745MHz	Pass	PK	11.50808G	53.02	74.00	-20.98	3	Horizontal	291	2.55
5785MHz	Pass	AV	5.7826G	100.77	Inf	-Inf	3	Vertical	26	1.19
5785MHz	Pass	PK	5.5774G	56.49	68.20	-11.71	3	Vertical	26	1.19
5785MHz	Pass	PK	5.7838G	110.97	Inf	-Inf	3	Vertical	26	1.19
5785MHz	Pass	PK	5.9722G	57.52	68.20	-10.68	3	Vertical	26	1.19
5785MHz	Pass	AV	5.7838G	106.81	Inf	-Inf	3	Horizontal	345	2.01



RSE TX above 1GHz_C-330_Radio 0

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	5.5702G	57.92	68.20	-10.28	3	Horizontal	345	2.01
5785MHz	Pass	PK	5.7838G	115.63	Inf	-Inf	3	Horizontal	345	2.01
5785MHz	Pass	PK	5.9266G	57.87	68.20	-10.33	3	Horizontal	345	2.01
5785MHz	Pass	AV	11.57384G	41.44	54.00	-12.56	3	Vertical	125	1.47
5785MHz	Pass	PK	11.55216G	52.84	74.00	-21.16	3	Vertical	125	1.47
5785MHz	Pass	AV	11.5624G	41.50	54.00	-12.50	3	Horizontal	199	1.22
5785MHz	Pass	PK	11.55488G	52.97	74.00	-21.03	3	Horizontal	199	1.22
5825MHz	Pass	AV	5.8214G	100.63	Inf	-Inf	3	Vertical	321	2.83
5825MHz	Pass	PK	5.6162G	56.74	68.20	-11.46	3	Vertical	321	2.83
5825MHz	Pass	PK	5.831G	110.70	Inf	-Inf	3	Vertical	321	2.83
5825MHz	Pass	PK	6.1202G	57.25	68.20	-10.95	3	Vertical	321	2.83
5825MHz	Pass	AV	5.8226G	107.27	Inf	-Inf	3	Horizontal	345	1.90
5825MHz	Pass	PK	5.6294G	57.62	68.20	-10.58	3	Horizontal	345	1.90
5825MHz	Pass	PK	5.8238G	116.13	Inf	-Inf	3	Horizontal	345	1.90
5825MHz	Pass	PK	5.9342G	57.83	68.20	-10.37	3	Horizontal	345	1.90
5825MHz	Pass	AV	11.64128G	41.72	54.00	-12.28	3	Vertical	17	2.43
5825MHz	Pass	PK	11.65928G	52.85	74.00	-21.15	3	Vertical	17	2.43
5825MHz	Pass	AV	11.66656G	41.69	54.00	-12.31	3	Horizontal	232	2.58
5825MHz	Pass	PK	11.6412G	53.33	74.00	-20.67	3	Horizontal	232	2.58
802.11ax HEW40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.144G	46.85	54.00	-7.15	3	Vertical	331	2.45
5190MHz	Pass	AV	5.1936G	99.59	Inf	-Inf	3	Vertical	331	2.45
5190MHz	Pass	PK	5.1436G	57.17	74.00	-16.83	3	Vertical	331	2.45
5190MHz	Pass	PK	5.184G	109.55	Inf	-Inf	3	Vertical	331	2.45
5190MHz	Pass	AV	5.1476G	49.07	54.00	-4.93	3	Horizontal	8	1.43
5190MHz	Pass	AV	5.188G	103.17	Inf	-Inf	3	Horizontal	8	1.43
5190MHz	Pass	PK	5.148G	60.10	74.00	-13.90	3	Horizontal	8	1.43
5190MHz	Pass	PK	5.1884G	114.31	Inf	-Inf	3	Horizontal	8	1.43
5190MHz	Pass	PK	10.36008G	52.47	68.20	-15.73	3	Vertical	253	2.02
5190MHz	Pass	PK	10.37432G	53.35	68.20	-14.85	3	Horizontal	196	2.13
5230MHz	Pass	AV	5.1476G	46.03	54.00	-7.97	3	Vertical	348	2.38
5230MHz	Pass	AV	5.2244G	98.98	Inf	-Inf	3	Vertical	348	2.38
5230MHz	Pass	PK	5.1352G	57.00	74.00	-17.00	3	Vertical	348	2.38
5230MHz	Pass	PK	5.2328G	109.32	Inf	-Inf	3	Vertical	348	2.38
5230MHz	Pass	AV	5.15G	46.38	54.00	-7.62	3	Horizontal	6	2.31
5230MHz	Pass	AV	5.2324G	103.39	Inf	-Inf	3	Horizontal	6	2.31
5230MHz	Pass	PK	5.1332G	56.87	74.00	-17.13	3	Horizontal	6	2.31
5230MHz	Pass	PK	5.2312G	114.10	Inf	-Inf	3	Horizontal	6	2.31
5230MHz	Pass	PK	10.47624G	52.23	68.20	-15.97	3	Vertical	131	1.46
5230MHz	Pass	PK	10.45816G	53.04	68.20	-15.16	3	Horizontal	283	2.04
5755MHz	Pass	AV	5.7526G	97.95	Inf	-Inf	3	Vertical	29	2.24
5755MHz	Pass	PK	5.5486G	56.66	68.20	-11.54	3	Vertical	29	2.24
5755MHz	Pass	PK	5.743G	107.42	Inf	-Inf	3	Vertical	29	2.24
5755MHz	Pass	PK	5.9338G	57.34	68.20	-10.86	3	Vertical	29	2.24
5755MHz	Pass	AV	5.7634G	103.92	Inf	-Inf	3	Horizontal	345	2.06
5755MHz	Pass	PK	5.6458G	59.27	68.20	-8.93	3	Horizontal	345	2.06
5755MHz	Pass	PK	5.7646G	112.77	Inf	-Inf	3	Horizontal	345	2.06
5755MHz	Pass	PK	5.9326G	56.65	68.20	-11.55	3	Horizontal	345	2.06
5755MHz	Pass	AV	11.50896G	41.49	54.00	-12.51	3	Vertical	268	2.86
5755MHz	Pass	PK	11.49608G	52.85	74.00	-21.15	3	Vertical	268	2.86
5755MHz	Pass	AV	11.5164G	41.56	54.00	-12.44	3	Horizontal	299	2.36
5755MHz	Pass	PK	11.49128G	52.45	74.00	-21.55	3	Horizontal	299	2.36
5795MHz	Pass	AV	5.7926G	97.92	Inf	-Inf	3	Vertical	28	2.36
5795MHz	Pass	PK	5.6066G	56.31	68.20	-11.89	3	Vertical	28	2.36
5795MHz	Pass	PK	5.7926G	106.88	Inf	-Inf	3	Vertical	28	2.36
5795MHz	Pass	PK	5.9534G	57.43	68.20	-10.77	3	Vertical	28	2.36
5795MHz	Pass	AV	5.7902G	104.33	Inf	-Inf	3	Horizontal	342	2.46
5795MHz	Pass	PK	5.609G	57.68	68.20	-10.52	3	Horizontal	342	2.46
5795MHz	Pass	PK	5.7998G	113.01	Inf	-Inf	3	Horizontal	342	2.46
5795MHz	Pass	PK	6.0062G	57.30	68.20	-10.90	3	Horizontal	342	2.46
5795MHz	Pass	AV	11.58856G	41.46	54.00	-12.54	3	Vertical	47	1.97
5795MHz	Pass	PK	11.57944G	53.65	74.00	-20.35	3	Vertical	47	1.97



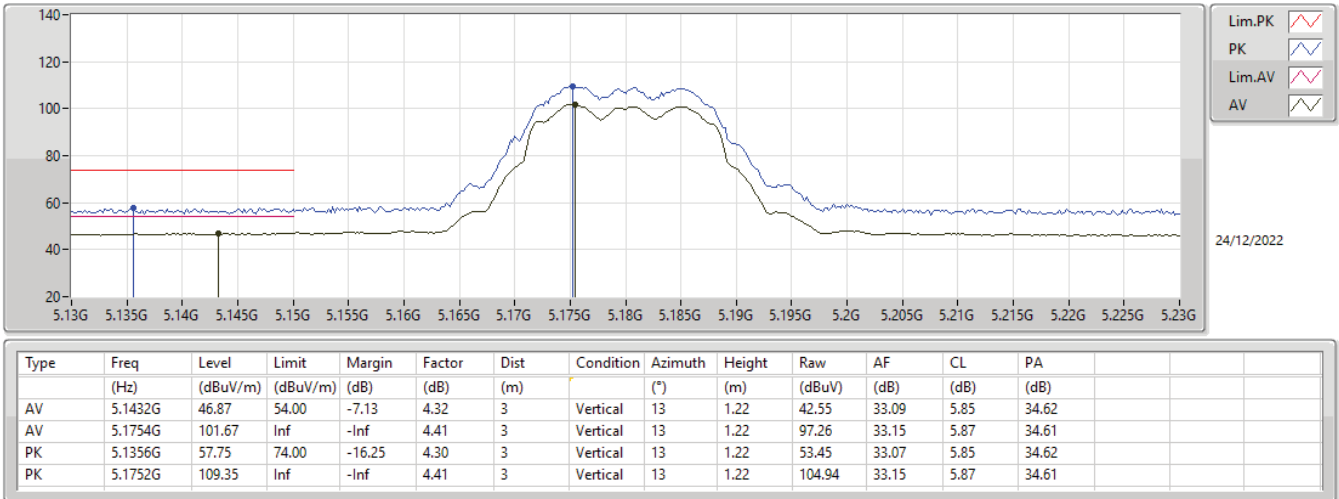
RSE TX above 1GHz_C-330_Radio 0

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	AV	11.60728G	41.44	54.00	-12.56	3	Horizontal	83	2.58
5795MHz	Pass	PK	11.5732G	54.40	74.00	-19.60	3	Horizontal	83	2.58
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.146G	47.09	54.00	-6.91	3	Vertical	16	1.50
5210MHz	Pass	AV	5.207G	94.19	Inf	-Inf	3	Vertical	16	1.50
5210MHz	Pass	AV	5.376G	44.93	54.00	-9.07	3	Vertical	16	1.50
5210MHz	Pass	PK	5.146G	60.29	74.00	-13.71	3	Vertical	16	1.50
5210MHz	Pass	PK	5.227G	104.60	Inf	-Inf	3	Vertical	16	1.50
5210MHz	Pass	PK	5.408G	56.47	74.00	-17.53	3	Vertical	16	1.50
5210MHz	Pass	AV	5.146G	51.16	54.00	-2.84	3	Horizontal	50	1.01
5210MHz	Pass	AV	5.215G	100.90	Inf	-Inf	3	Horizontal	50	1.01
5210MHz	Pass	AV	5.376G	48.25	54.00	-5.75	3	Horizontal	50	1.01
5210MHz	Pass	PK	5.145G	63.81	74.00	-10.19	3	Horizontal	50	1.01
5210MHz	Pass	PK	5.216G	111.52	Inf	-Inf	3	Horizontal	50	1.01
5210MHz	Pass	PK	5.393G	56.75	74.00	-17.25	3	Horizontal	50	1.01
5210MHz	Pass	PK	10.37368G	53.99	68.20	-14.21	3	Vertical	194	1.50
5210MHz	Pass	PK	10.4752G	53.89	68.20	-14.31	3	Horizontal	354	1.50
5775MHz	Pass	AV	5.7702G	94.90	Inf	-Inf	3	Vertical	326	1.69
5775MHz	Pass	PK	5.6406G	57.60	68.20	-10.60	3	Vertical	326	1.69
5775MHz	Pass	PK	5.7906G	103.88	Inf	-Inf	3	Vertical	326	1.69
5775MHz	Pass	PK	5.9442G	57.99	68.20	-10.21	3	Vertical	326	1.69
5775MHz	Pass	AV	5.7642G	100.73	Inf	-Inf	3	Horizontal	348	2.11
5775MHz	Pass	PK	5.6514G	62.19	69.24	-7.05	3	Horizontal	348	2.11
5775MHz	Pass	PK	5.763G	110.73	Inf	-Inf	3	Horizontal	348	2.11
5775MHz	Pass	PK	5.9946G	57.17	68.20	-11.03	3	Horizontal	348	2.11
5775MHz	Pass	AV	11.50608G	42.04	54.00	-11.96	3	Vertical	255	1.74
5775MHz	Pass	PK	11.56632G	54.31	74.00	-19.69	3	Vertical	255	1.74
5775MHz	Pass	AV	11.49504G	42.01	54.00	-11.99	3	Horizontal	162	1.52
5775MHz	Pass	PK	11.49936G	53.89	74.00	-20.11	3	Horizontal	162	1.52

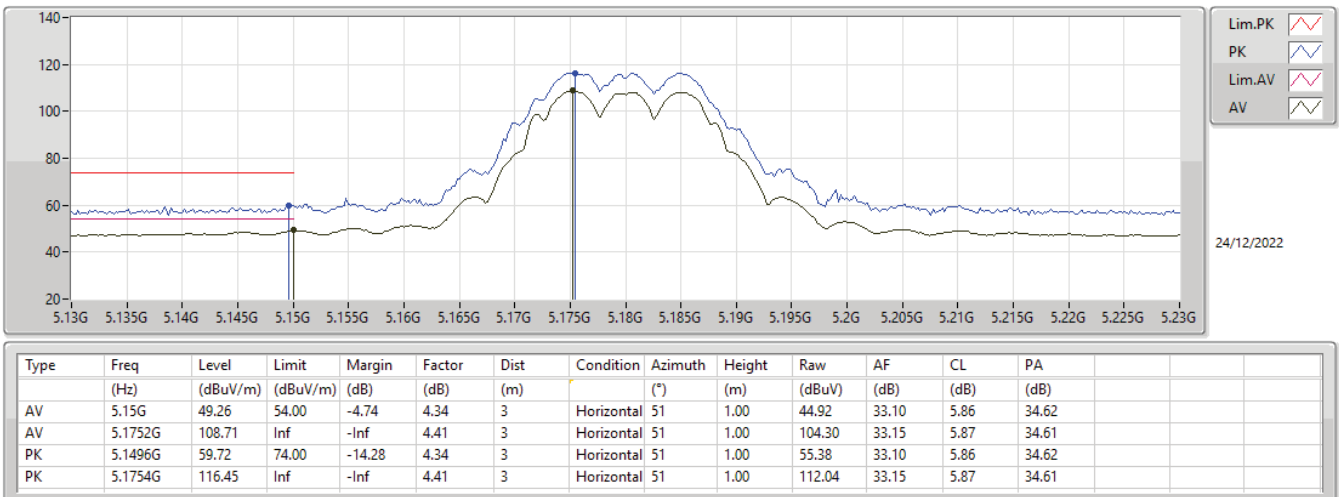
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX



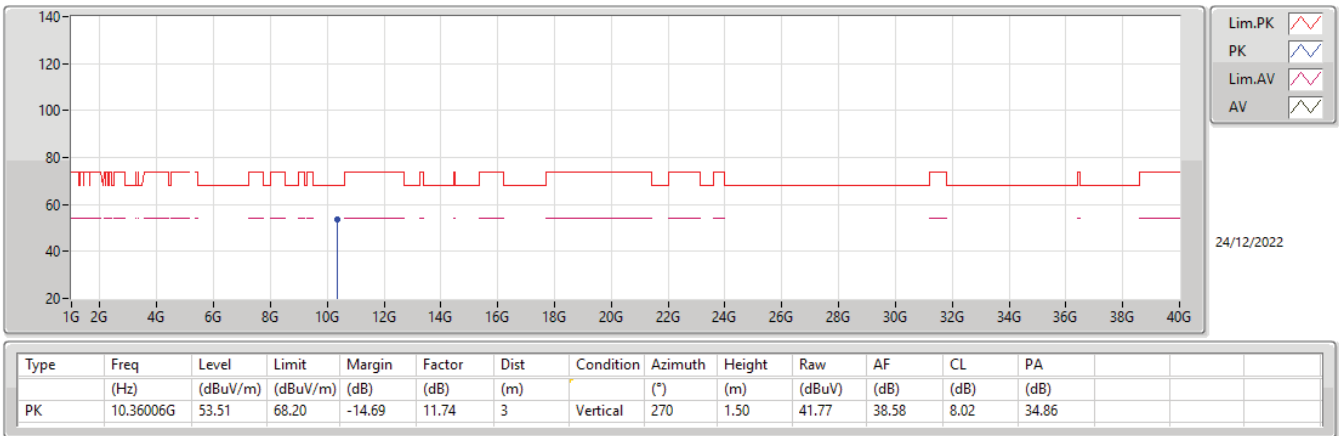
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5180MHz_TX



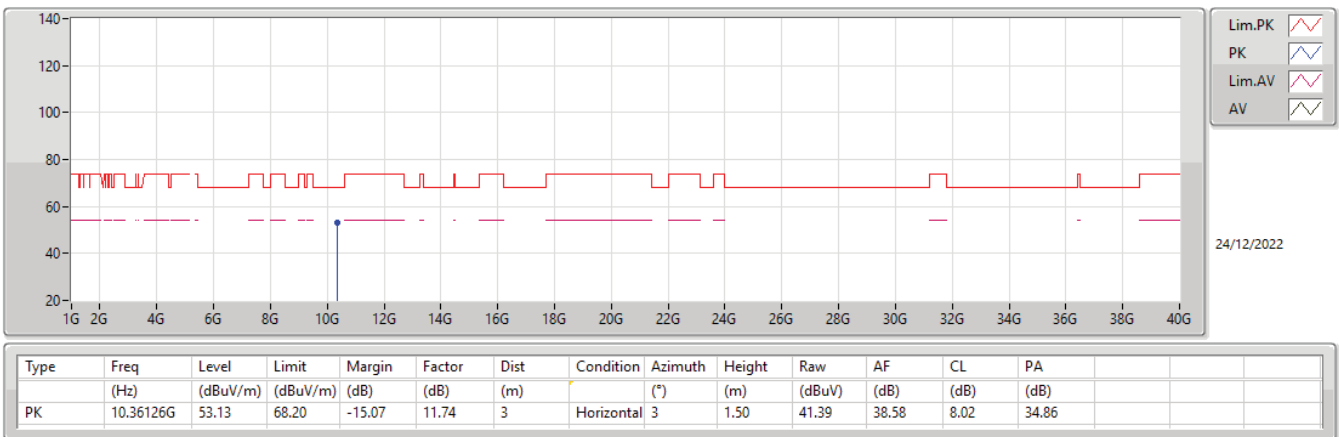
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5180MHz_TX



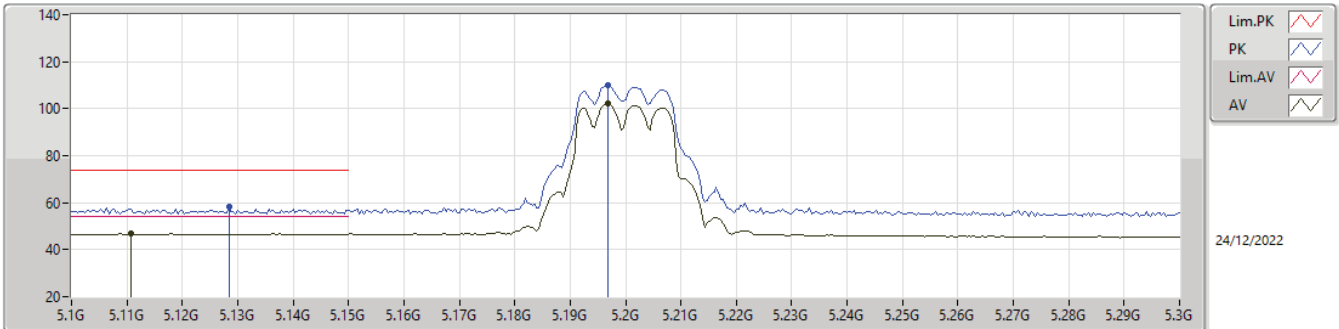
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

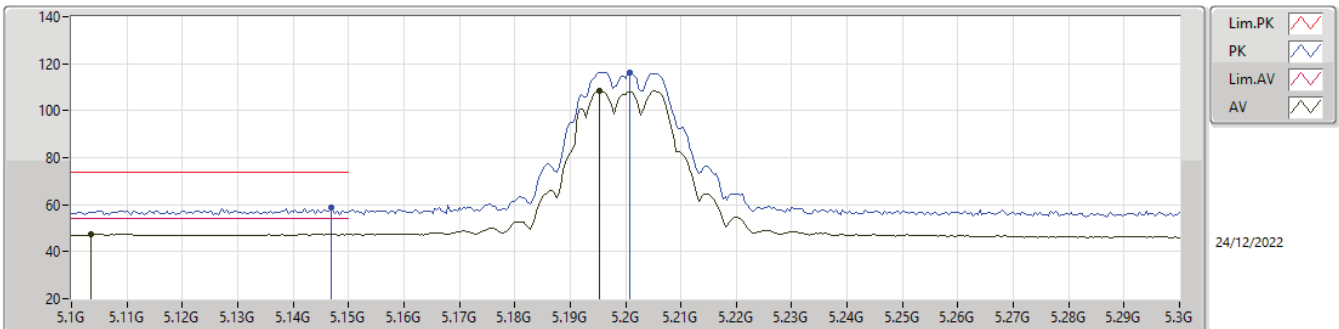
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1108G	46.79	54.00	-7.21	4.24	3	Vertical	18	1.82	42.55	33.02	5.84	34.62
AV	5.1968G	102.01	Inf	-Inf	4.46	3	Vertical	18	1.82	97.55	33.19	5.88	34.61
PK	5.1284G	58.03	74.00	-15.97	4.29	3	Vertical	18	1.82	53.74	33.06	5.85	34.62
PK	5.1968G	109.93	Inf	-Inf	4.46	3	Vertical	18	1.82	105.47	33.19	5.88	34.61

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

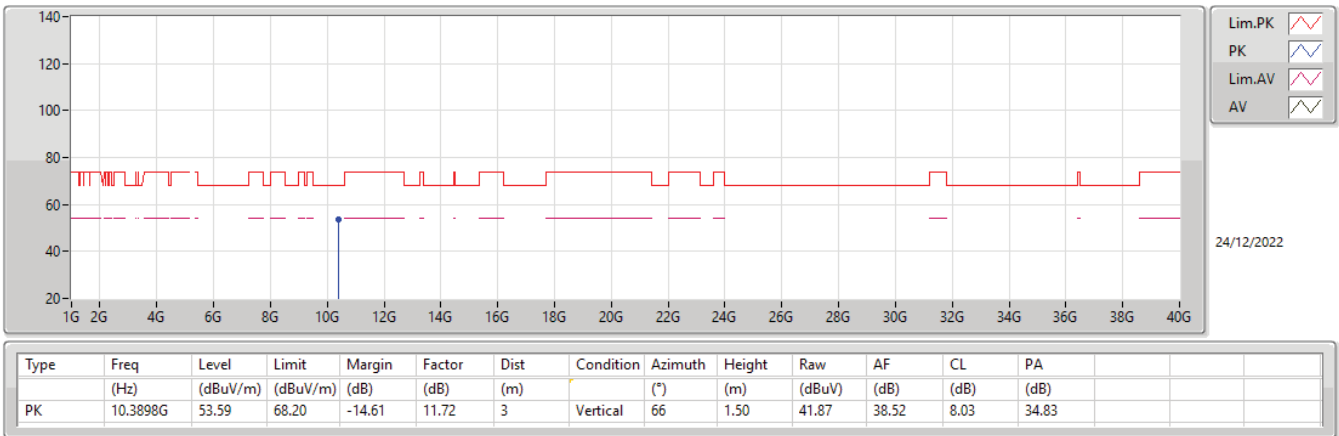
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1036G	47.67	54.00	-6.33	4.23	3	Horizontal	49	1.01	43.44	33.01	5.84	34.62
AV	5.1952G	108.56	Inf	-Inf	4.46	3	Horizontal	49	1.01	104.10	33.19	5.88	34.61
PK	5.1468G	58.99	74.00	-15.01	4.33	3	Horizontal	49	1.01	54.66	33.09	5.86	34.62
PK	5.2008G	116.20	Inf	-Inf	4.47	3	Horizontal	49	1.01	111.73	33.20	5.88	34.61

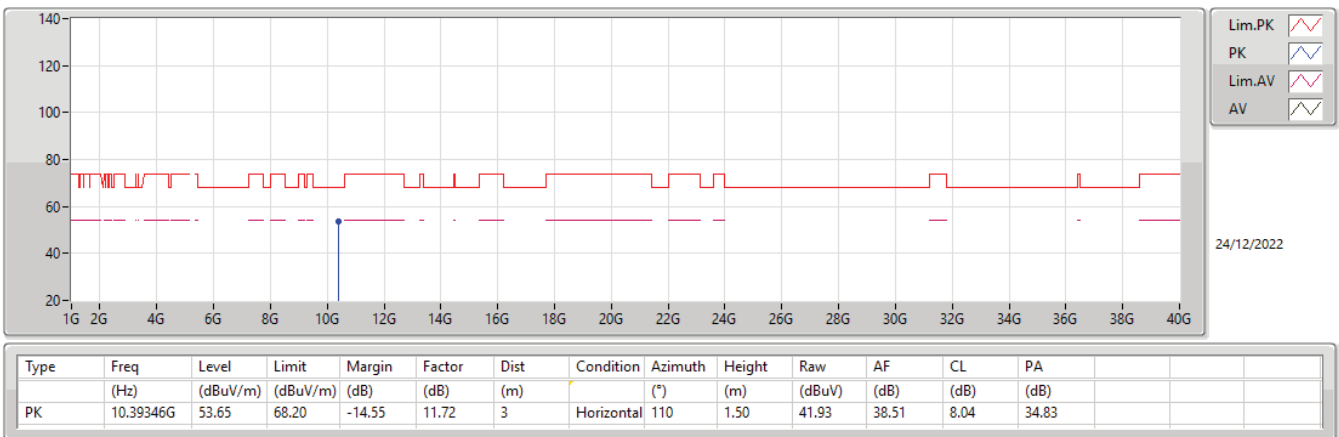
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX



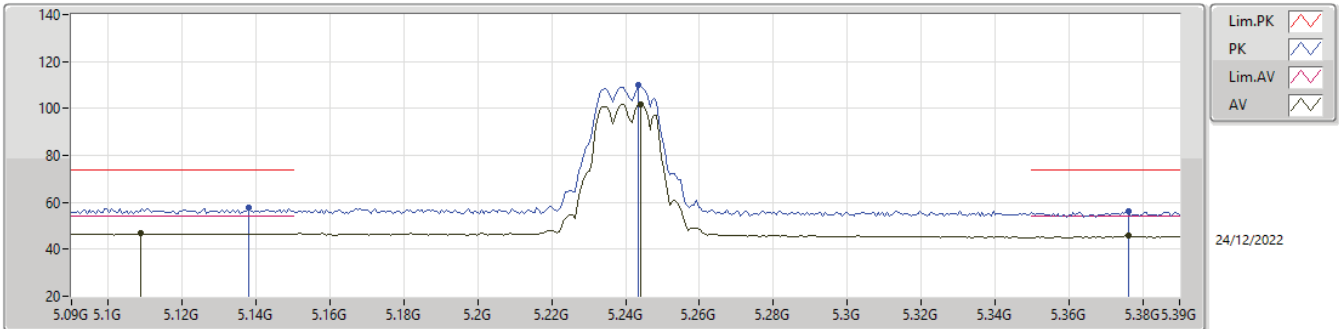
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

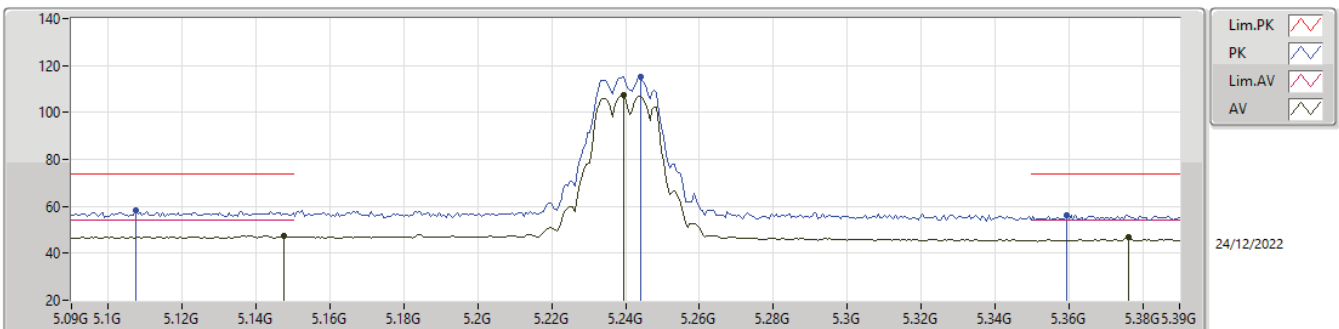
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1086G	46.65	54.00	-7.35	4.24	3	Vertical	354	1.47	42.41	33.02	5.84	34.62
AV	5.2442G	101.63	Inf	-Inf	4.41	3	Vertical	354	1.47	97.22	33.11	5.90	34.60
AV	5.3762G	45.94	54.00	-8.06	4.26	3	Vertical	354	1.47	41.68	32.86	5.98	34.58
PK	5.138G	57.55	74.00	-16.45	4.31	3	Vertical	354	1.47	53.24	33.08	5.85	34.62
PK	5.2436G	109.83	Inf	-Inf	4.41	3	Vertical	354	1.47	105.42	33.11	5.90	34.60
PK	5.3762G	56.14	74.00	-17.86	4.26	3	Vertical	354	1.47	51.88	32.86	5.98	34.58

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

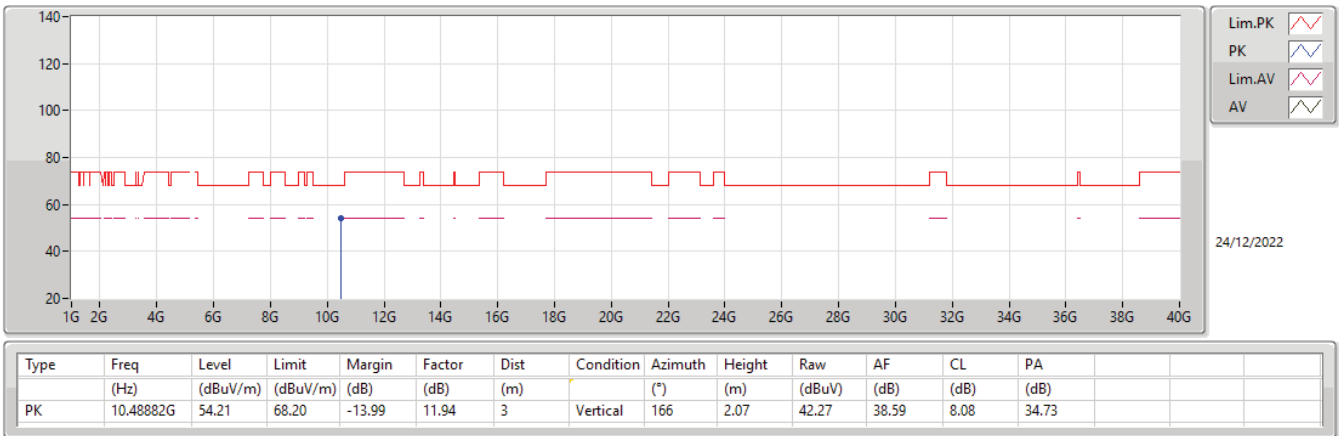
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	47.37	54.00	-6.63	4.34	3	Horizontal	13	2.68	43.03	33.10	5.86	34.62
AV	5.2394G	107.27	Inf	-Inf	4.42	3	Horizontal	13	2.68	102.85	33.12	5.90	34.60
AV	5.3762G	46.79	54.00	-7.21	4.26	3	Horizontal	13	2.68	42.53	32.86	5.98	34.58
PK	5.1074G	58.07	74.00	-15.93	4.23	3	Horizontal	13	2.68	53.84	33.01	5.84	34.62
PK	5.2442G	115.04	Inf	-Inf	4.41	3	Horizontal	13	2.68	110.63	33.11	5.90	34.60
PK	5.3594G	56.08	74.00	-17.92	4.15	3	Horizontal	13	2.68	51.93	32.76	5.97	34.58

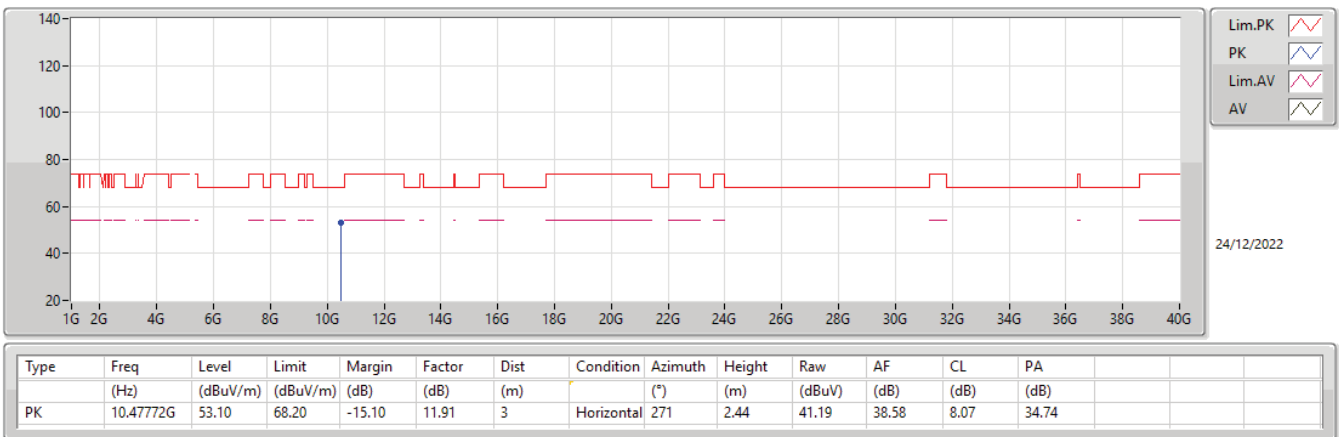
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX



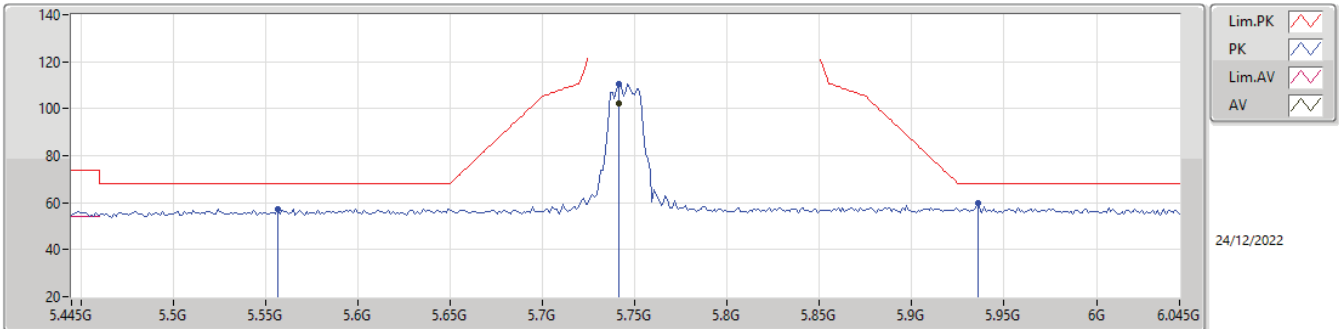
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

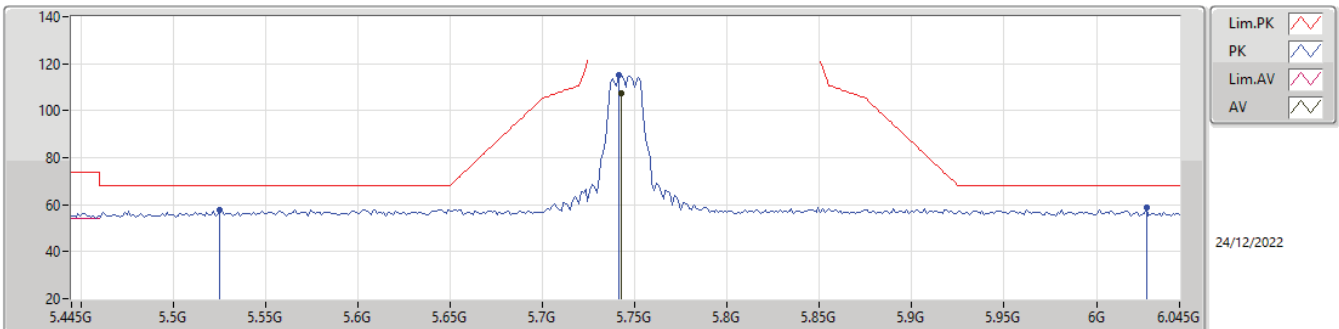
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)	(*)	(m)	(dBuV)	(dB)	(dB)	(dB)	(dB)
AV	5.7414G	102.08	Inf	-Inf	5.19	3	Vertical	31	1.38	96.89	33.57	6.16	34.54
PK	5.5566G	57.50	68.20	-10.70	4.48	3	Vertical	31	1.38	53.02	33.00	6.04	34.56
PK	5.7414G	110.65	Inf	-Inf	5.19	3	Vertical	31	1.38	105.46	33.57	6.16	34.54
PK	5.9358G	59.64	68.20	-8.56	6.04	3	Vertical	31	1.38	53.60	34.30	6.27	34.53

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

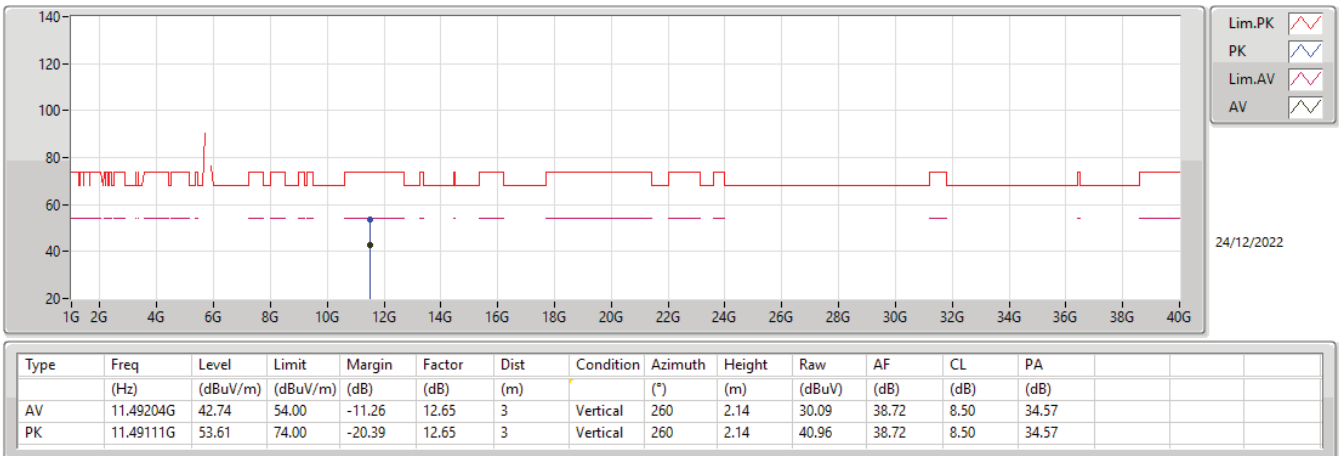
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)	(*)	(m)	(dBuV)	(dB)	(dB)	(dB)	(dB)
AV	5.7426G	107.44	Inf	-Inf	5.19	3	Horizontal	341	2.92	102.25	33.57	6.16	34.54
PK	5.5254G	57.92	68.20	-10.28	4.42	3	Horizontal	341	2.92	53.50	32.95	6.03	34.56
PK	5.7414G	115.14	Inf	-Inf	5.19	3	Horizontal	341	2.92	109.95	33.57	6.16	34.54
PK	6.027G	58.97	68.20	-9.23	5.88	3	Horizontal	341	2.92	53.09	34.09	6.31	34.52

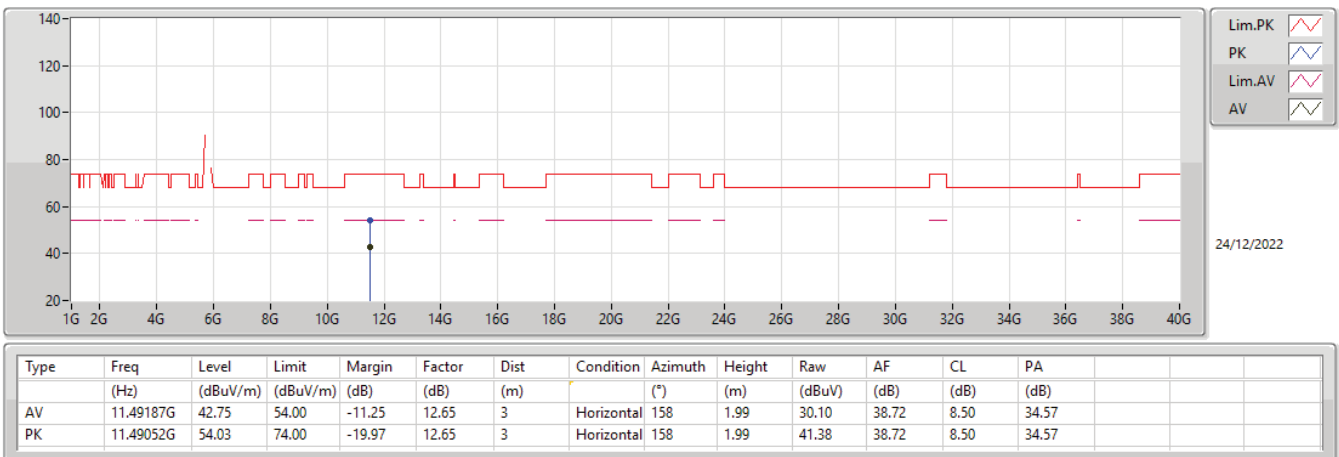
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



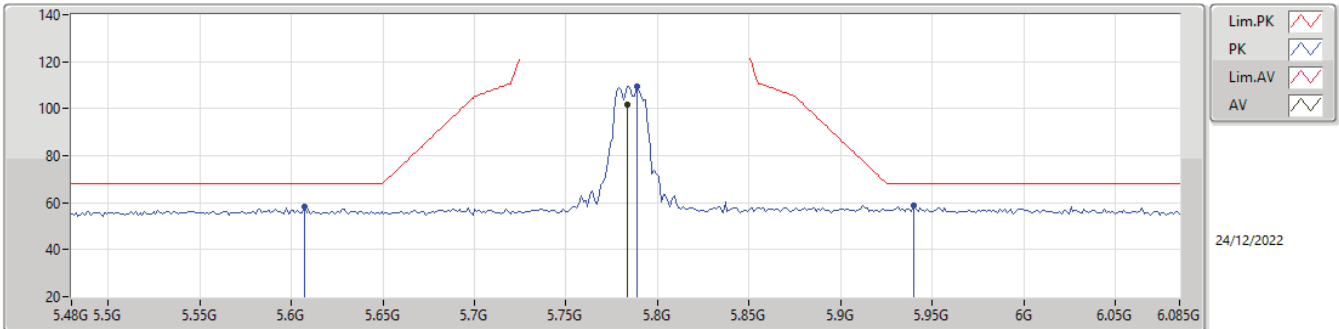
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

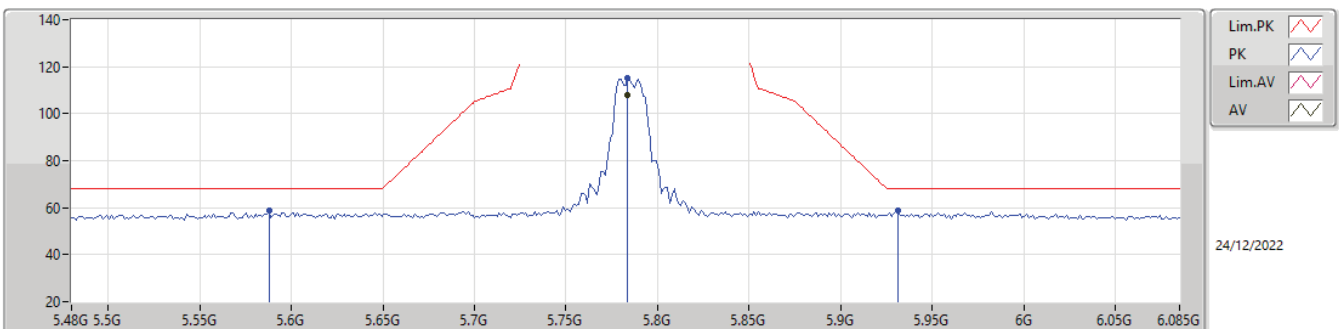
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.78371G	101.54	Inf	-Inf	5.45	3	Vertical	33	1.39	96.09	33.80	6.19	34.54
PK	5.60705G	58.27	68.20	-9.93	4.51	3	Vertical	33	1.39	53.76	33.00	6.06	34.55
PK	5.78855G	109.39	Inf	-Inf	5.48	3	Vertical	33	1.39	103.91	33.83	6.19	34.54
PK	5.9398G	58.89	68.20	-9.31	6.05	3	Vertical	33	1.39	52.84	34.30	6.27	34.52

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

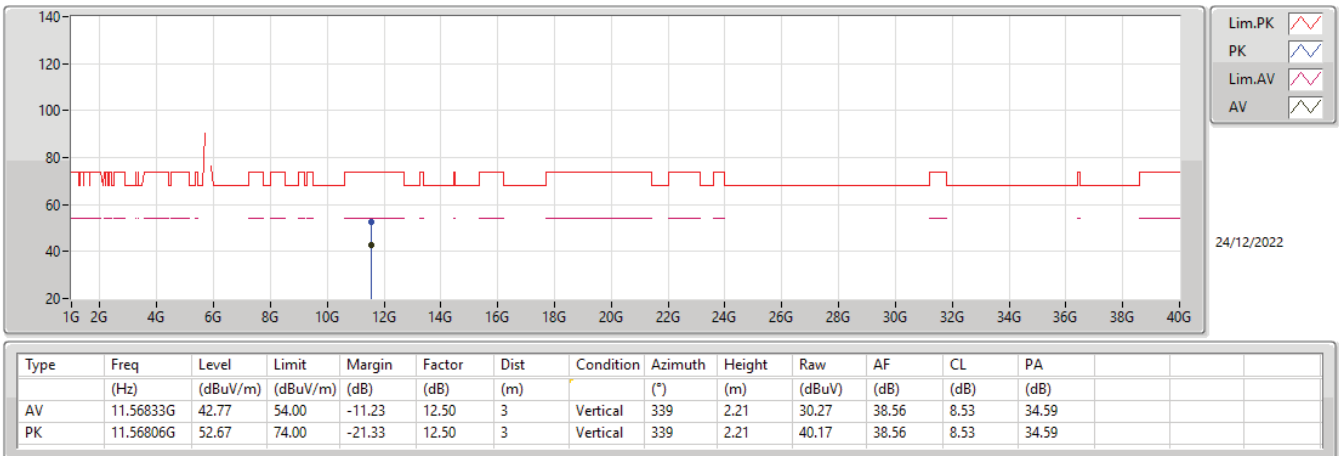
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.78371G	107.82	Inf	-Inf	5.45	3	Horizontal	348	2.10	102.37	33.80	6.19	34.54
PK	5.58769G	58.62	68.20	-9.58	4.51	3	Horizontal	348	2.10	54.11	33.00	6.06	34.55
PK	5.78371G	115.03	Inf	-Inf	5.45	3	Horizontal	348	2.10	109.58	33.80	6.19	34.54
PK	5.93133G	58.77	68.20	-9.43	6.04	3	Horizontal	348	2.10	52.73	34.30	6.27	34.53

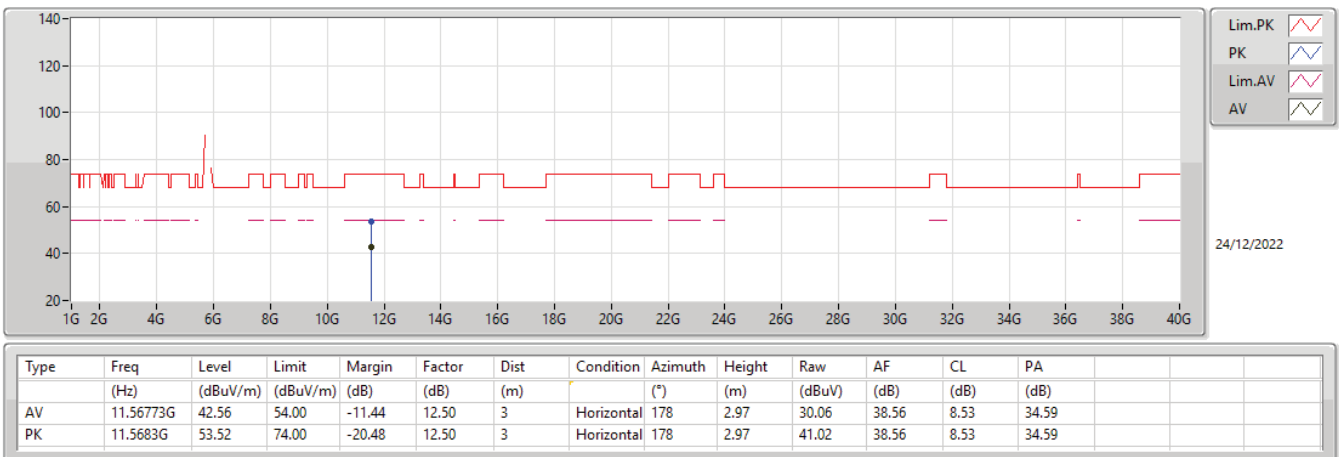
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



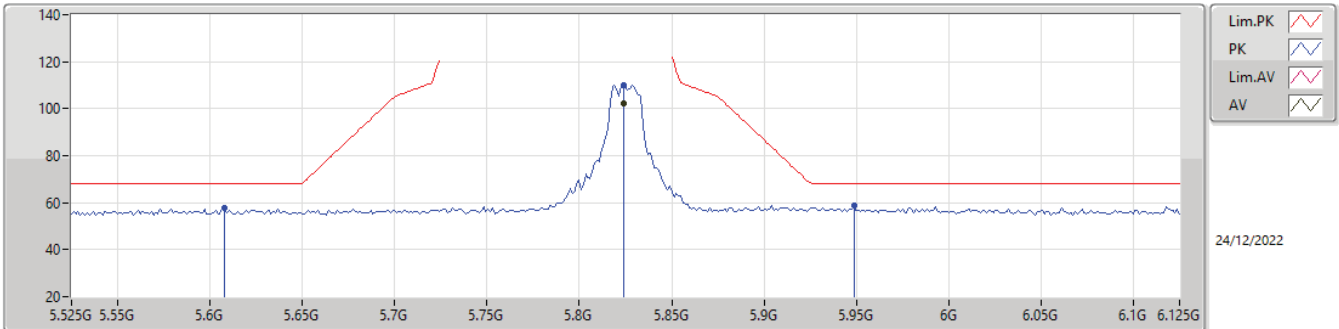
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

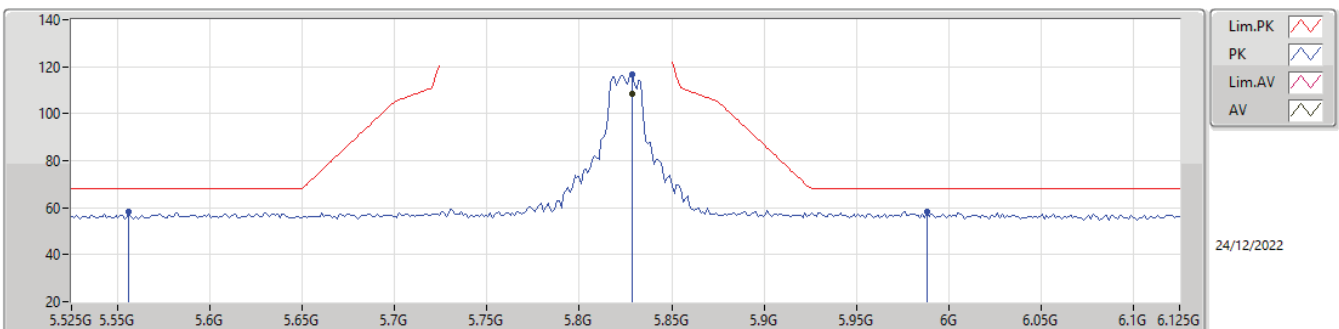
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8238G	102.29	Inf	-Inf	5.68	3	Vertical	28	2.31	96.61	34.00	6.21	34.53
PK	5.6078G	57.69	68.20	-10.51	4.52	3	Vertical	28	2.31	53.17	33.00	6.07	34.55
PK	5.8238G	110.19	Inf	-Inf	5.68	3	Vertical	28	2.31	104.51	34.00	6.21	34.53
PK	5.9486G	58.59	68.20	-9.61	6.05	3	Vertical	28	2.31	52.54	34.30	6.27	34.52

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

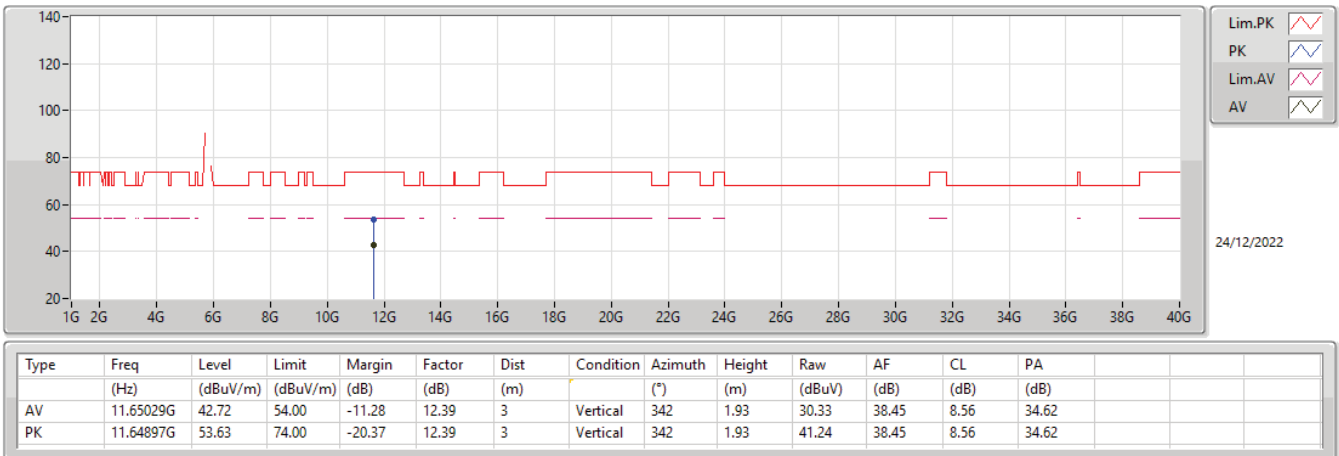
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8286G	108.69	Inf	-Inf	5.69	3	Horizontal	345	2.76	103.00	34.01	6.21	34.53
PK	5.5562G	58.12	68.20	-10.08	4.48	3	Horizontal	345	2.76	53.64	33.00	6.04	34.56
PK	5.8286G	116.66	Inf	-Inf	5.69	3	Horizontal	345	2.76	110.97	34.01	6.21	34.53
PK	5.9882G	58.37	68.20	-9.83	5.99	3	Horizontal	345	2.76	52.38	34.22	6.29	34.52

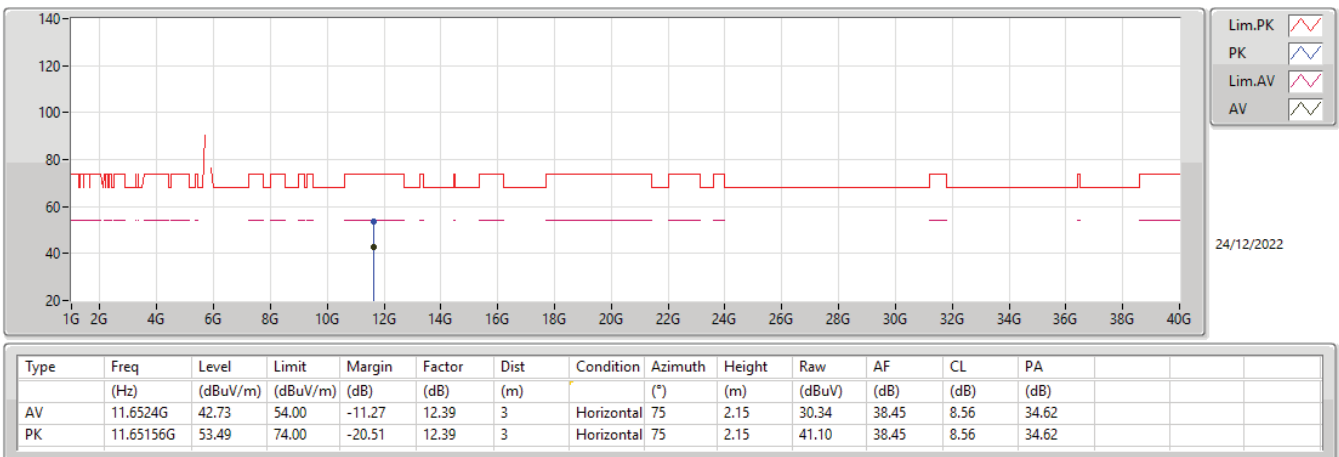
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



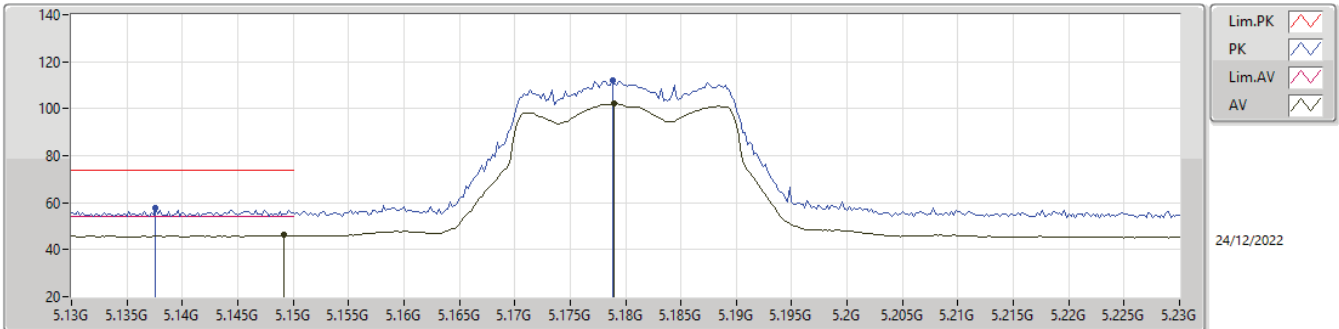
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

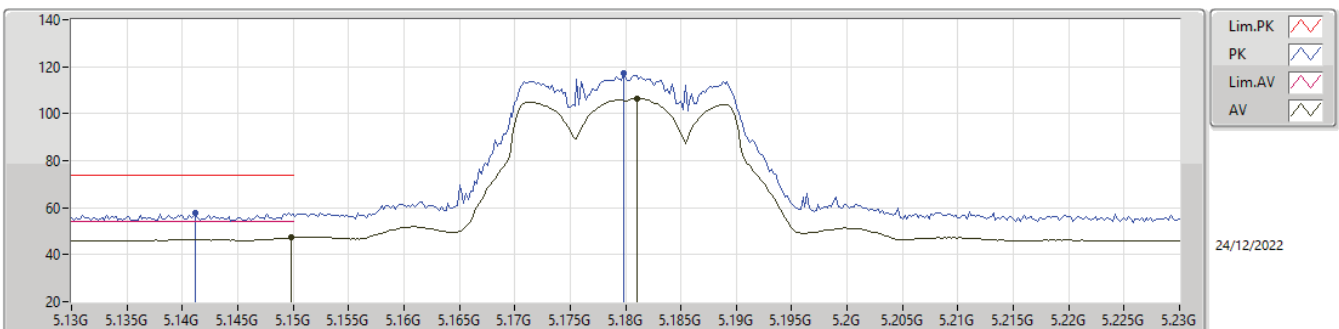
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	46.15	54.00	-7.85	4.34	3	Vertical	331	2.46	41.81	33.10	5.86	34.62
AV	5.179G	102.09	Inf	-Inf	4.42	3	Vertical	331	2.46	97.67	33.16	5.87	34.61
PK	5.1376G	57.81	74.00	-16.19	4.31	3	Vertical	331	2.46	53.50	33.08	5.85	34.62
PK	5.1788G	112.05	Inf	-Inf	4.42	3	Vertical	331	2.46	107.63	33.16	5.87	34.61

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

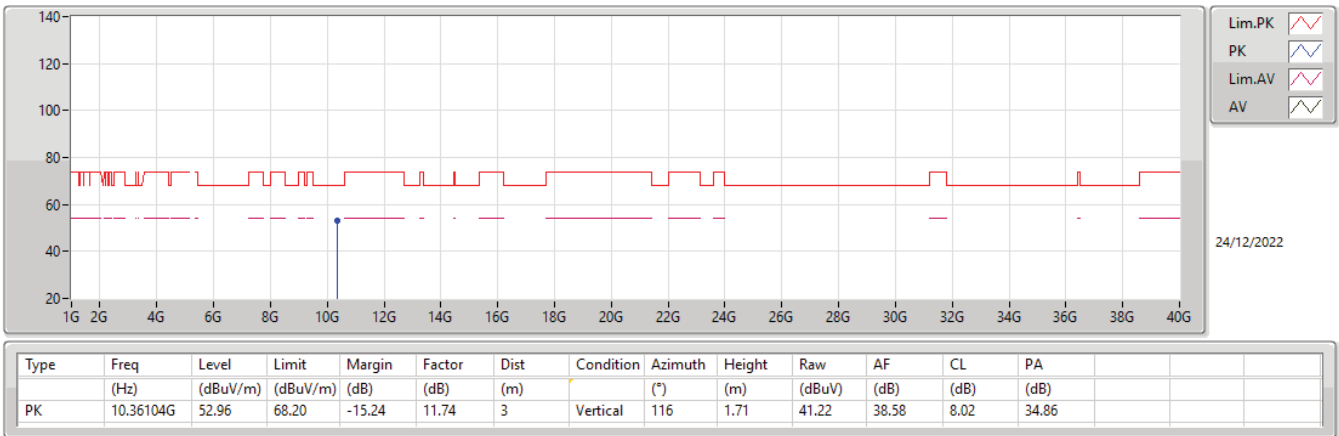
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	47.28	54.00	-6.72	4.34	3	Horizontal	48	1.00	42.94	33.10	5.86	34.62
AV	5.181G	106.59	Inf	-Inf	4.42	3	Horizontal	48	1.00	102.17	33.16	5.87	34.61
PK	5.1412G	57.73	74.00	-16.27	4.31	3	Horizontal	48	1.00	53.42	33.08	5.85	34.62
PK	5.1798G	117.47	Inf	-Inf	4.42	3	Horizontal	48	1.00	113.05	33.16	5.87	34.61

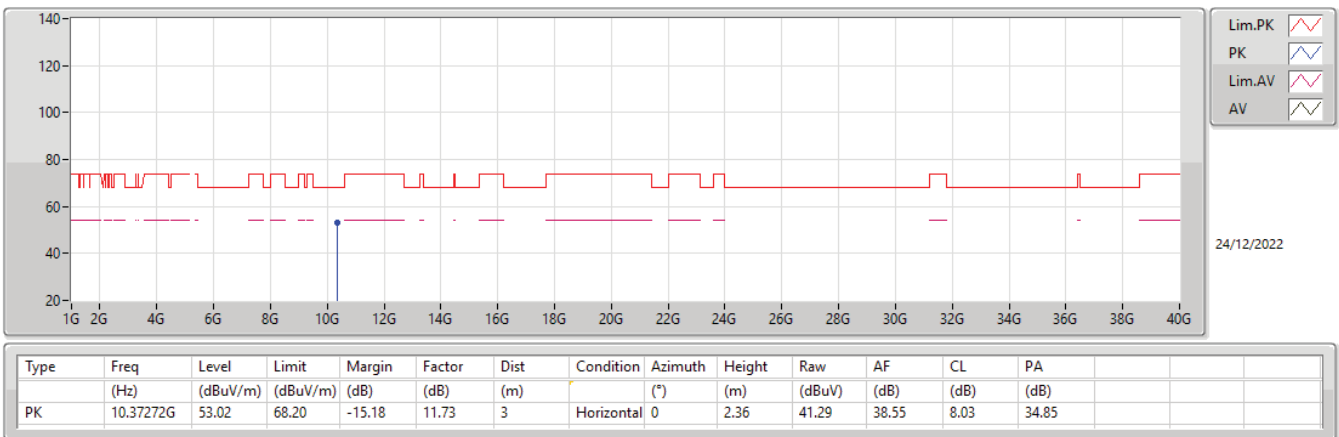
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



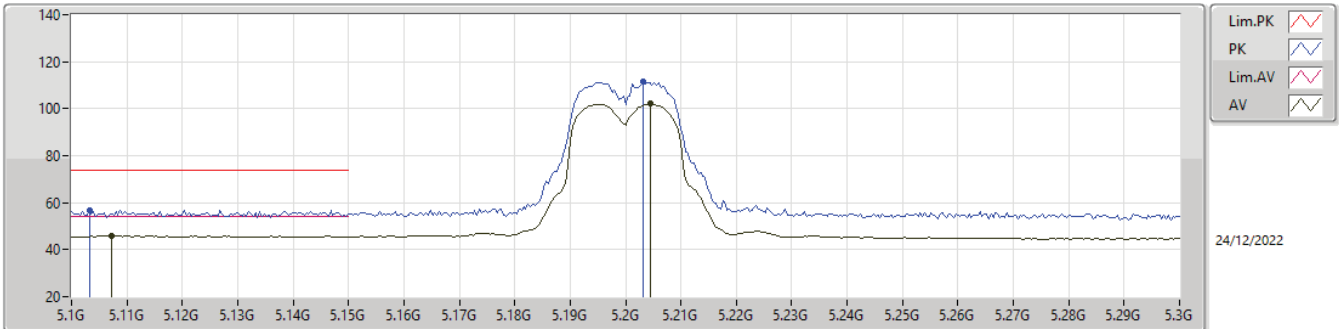
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

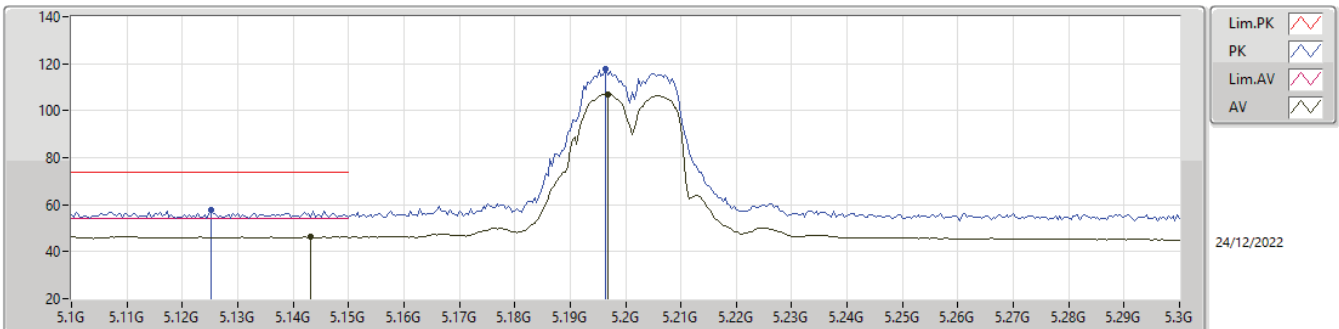
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1072G	45.82	54.00	-8.18	4.23	3	Vertical	332	2.59	41.59	33.01	5.84	34.62
AV	5.2044G	102.03	Inf	-Inf	4.46	3	Vertical	332	2.59	97.57	33.19	5.88	34.61
PK	5.1032G	56.71	74.00	-17.29	4.23	3	Vertical	332	2.59	52.48	33.01	5.84	34.62
PK	5.2032G	111.77	Inf	-Inf	4.46	3	Vertical	332	2.59	107.31	33.19	5.88	34.61

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

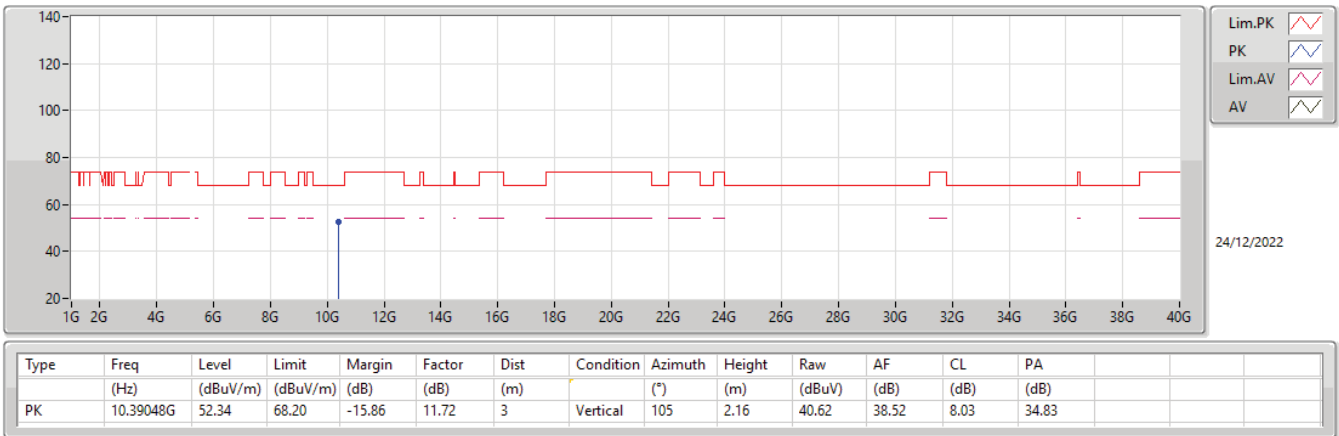
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1432G	46.35	54.00	-7.65	4.32	3	Horizontal	45	1.00	42.03	33.09	5.85	34.62
AV	5.1968G	106.93	Inf	-Inf	4.46	3	Horizontal	45	1.00	102.47	33.19	5.88	34.61
PK	5.1252G	57.55	74.00	-16.45	4.28	3	Horizontal	45	1.00	53.27	33.05	5.85	34.62
PK	5.1964G	117.76	Inf	-Inf	4.46	3	Horizontal	45	1.00	113.30	33.19	5.88	34.61

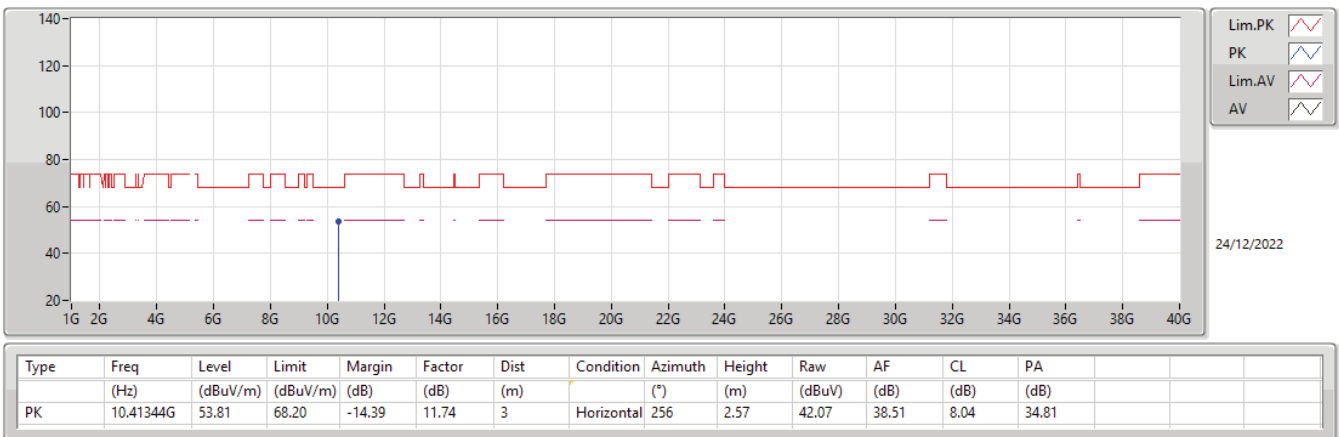
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



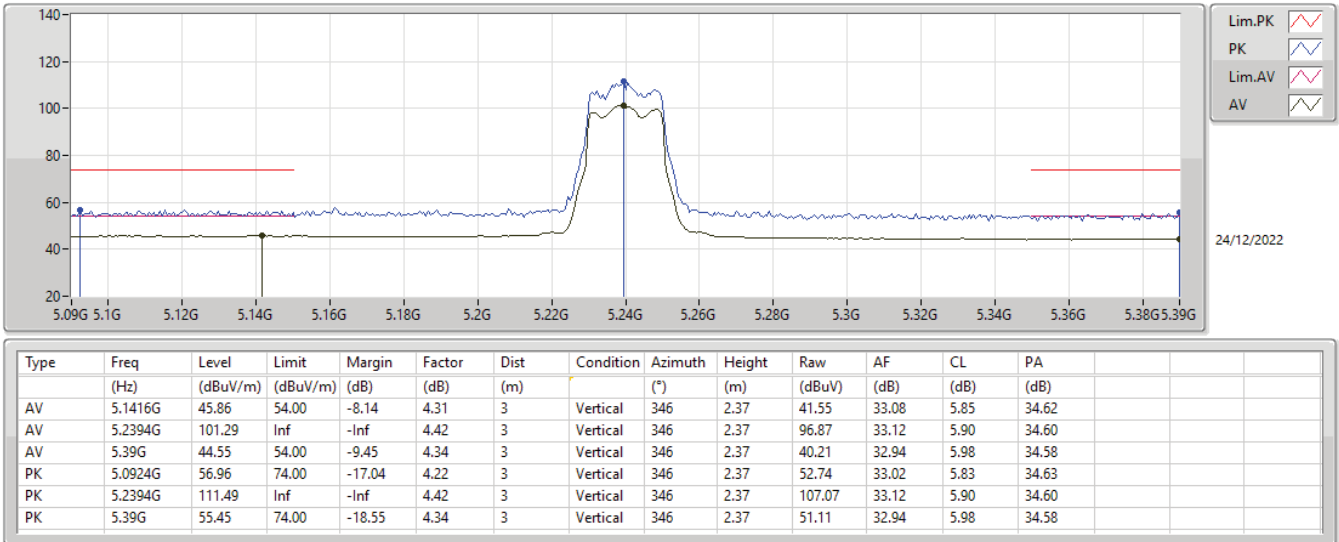
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



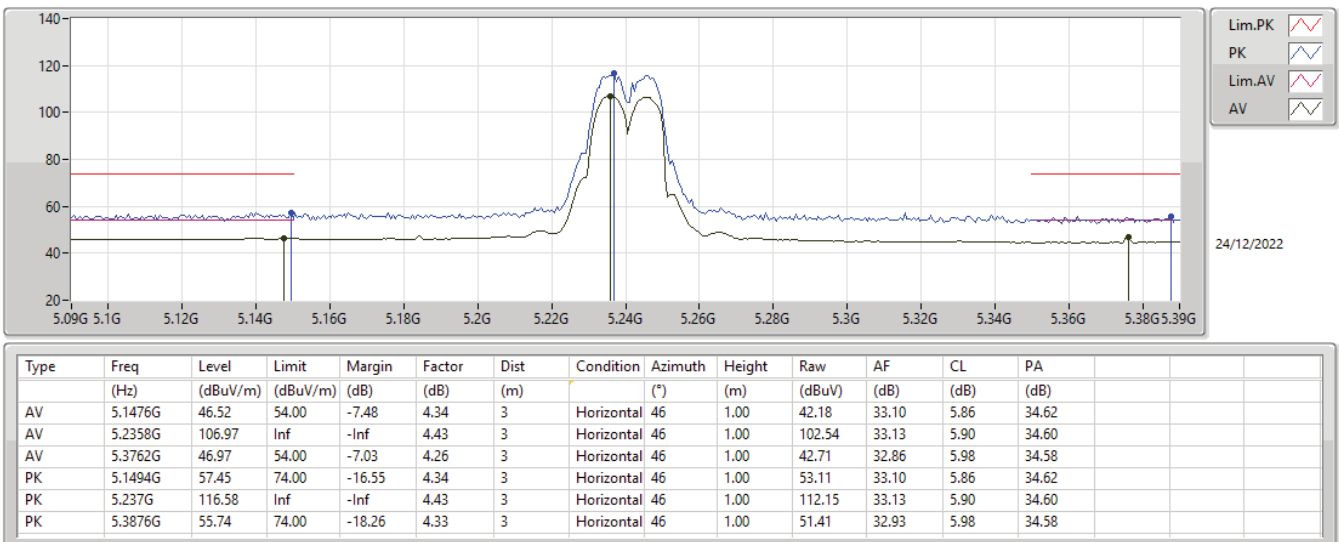
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



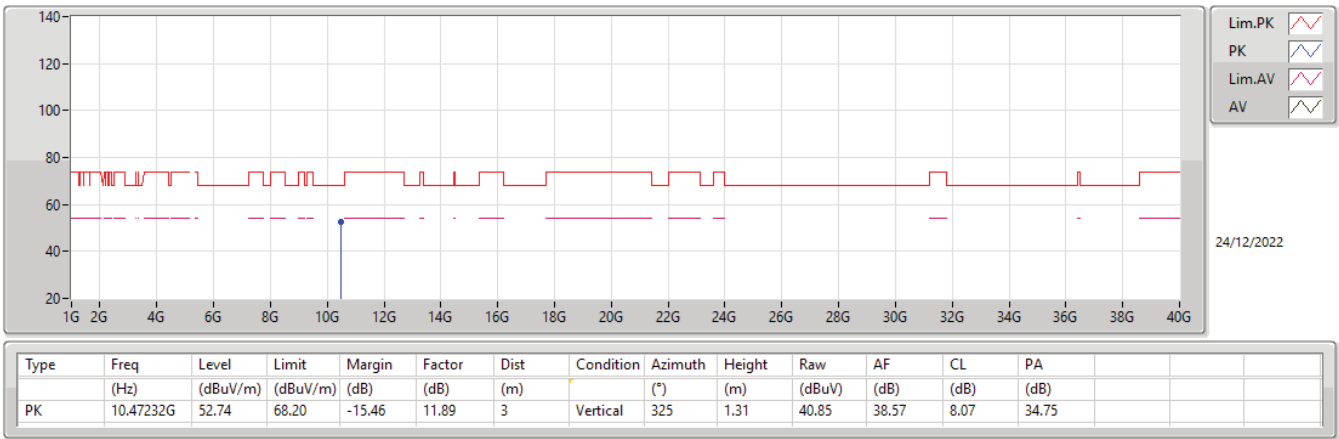
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



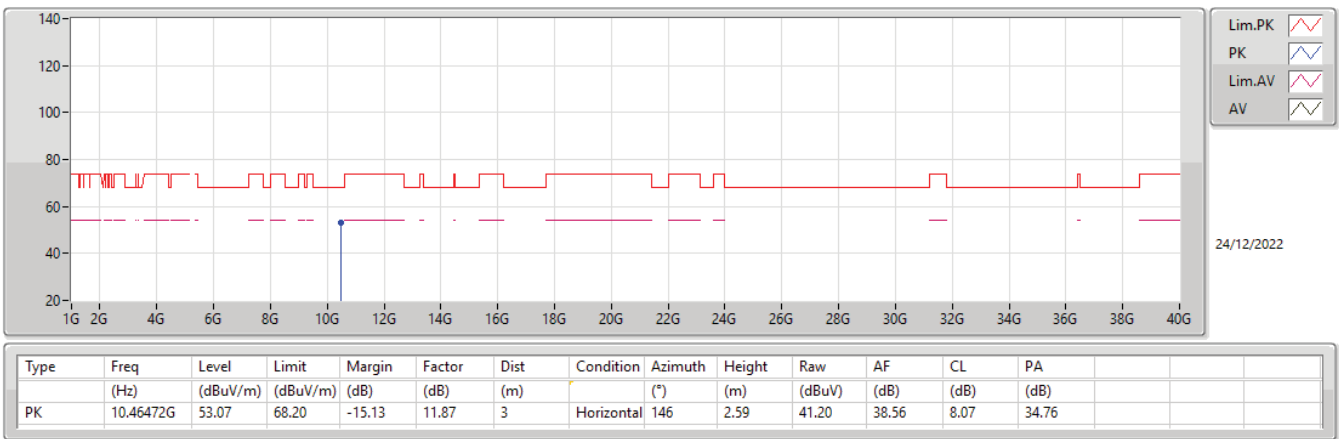
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



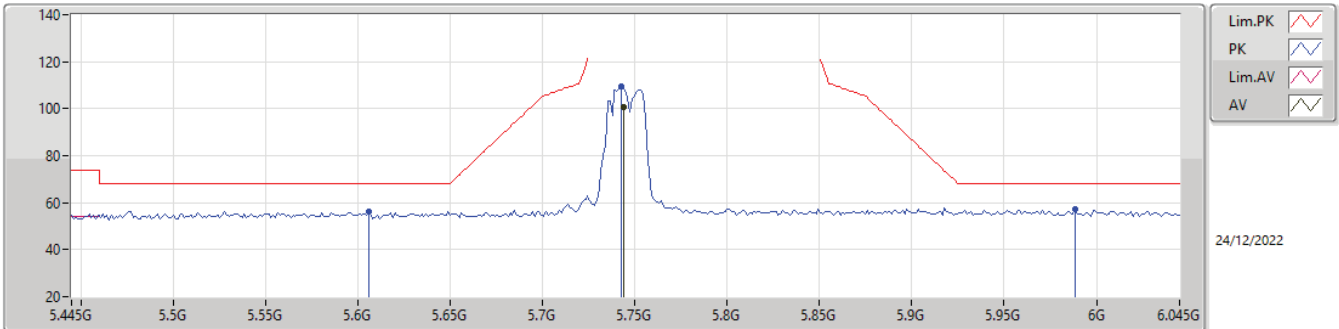
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

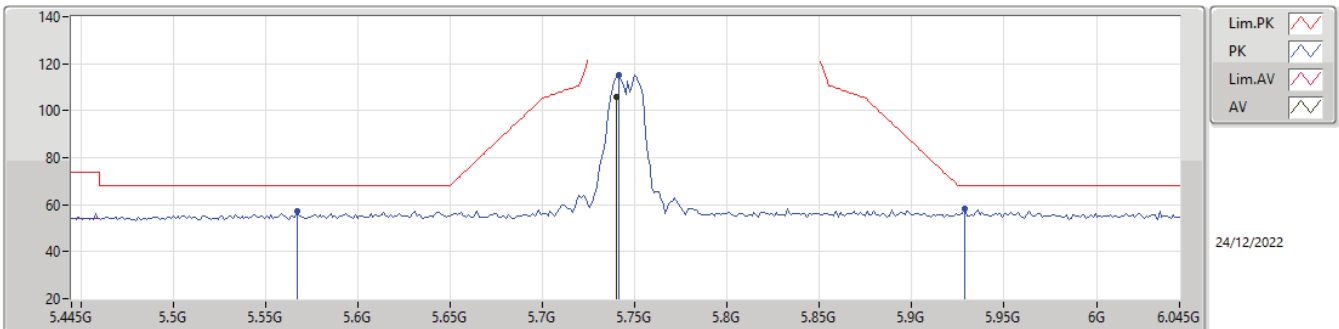
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7438G	100.70	Inf	-Inf	5.20	3	Vertical	27	2.25	95.50	33.58	6.16	34.54
PK	5.6058G	56.46	68.20	-11.74	4.51	3	Vertical	27	2.25	51.95	33.00	6.06	34.55
PK	5.7426G	109.54	Inf	-Inf	5.19	3	Vertical	27	2.25	104.35	33.57	6.16	34.54
PK	5.9886G	57.26	68.20	-10.94	5.99	3	Vertical	27	2.25	51.27	34.22	6.29	34.52

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

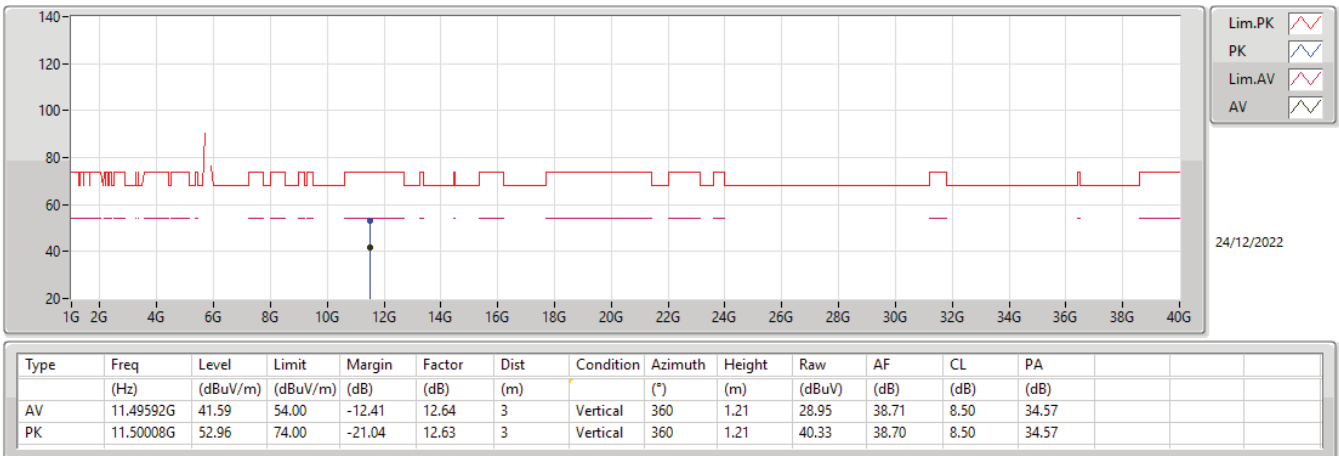
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7402G	105.88	Inf	-Inf	5.18	3	Horizontal	339	2.50	100.70	33.56	6.16	34.54
PK	5.5674G	57.19	68.20	-11.01	4.50	3	Horizontal	339	2.50	52.69	33.00	6.05	34.55
PK	5.7414G	115.23	Inf	-Inf	5.19	3	Horizontal	339	2.50	110.04	33.57	6.16	34.54
PK	5.9286G	58.42	68.20	-9.78	6.03	3	Horizontal	339	2.50	52.39	34.30	6.26	34.53

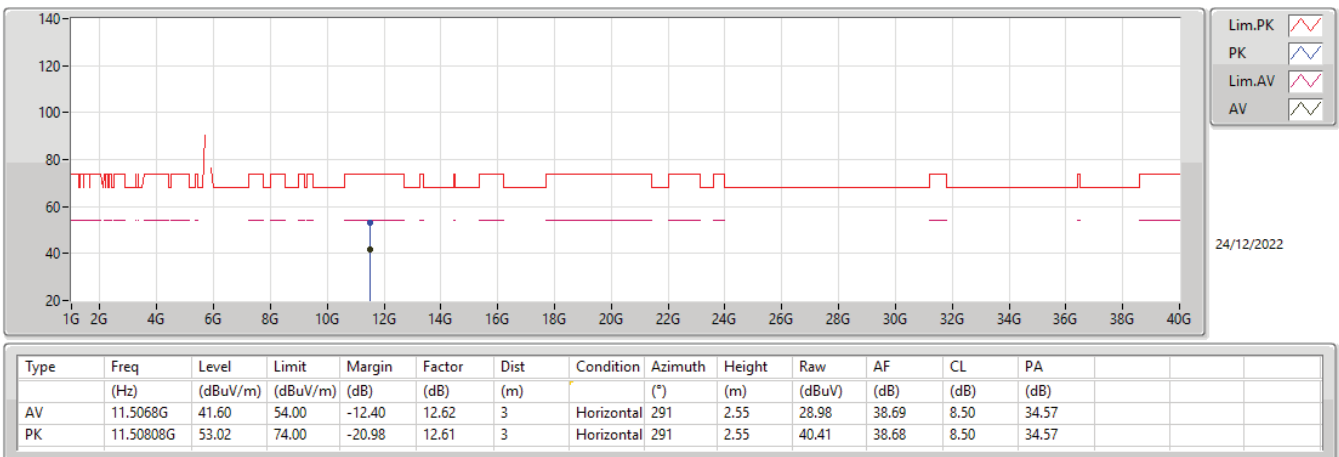
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



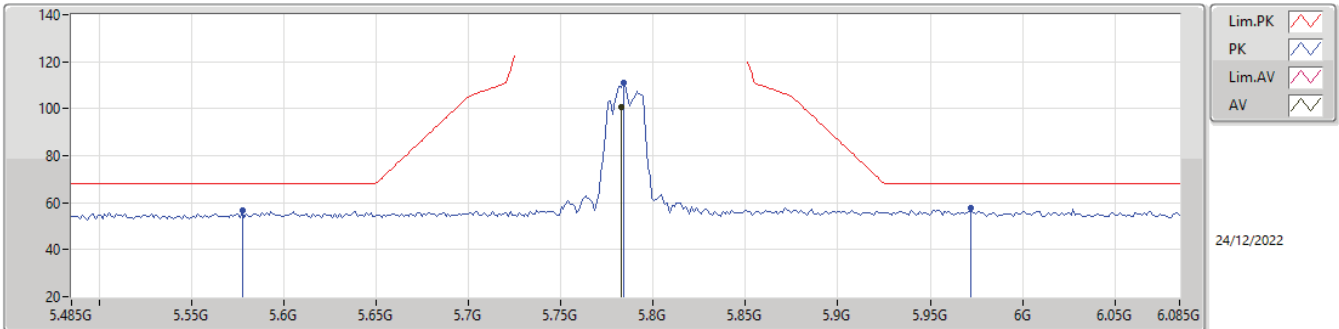
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

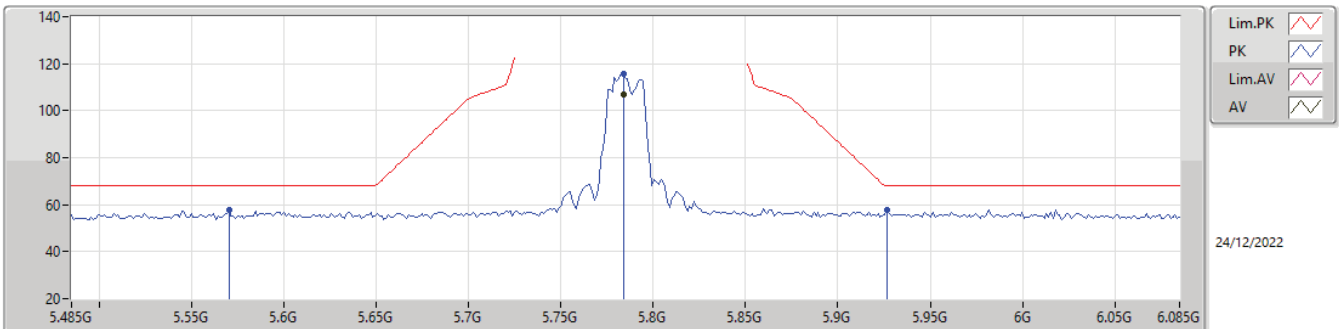
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	100.77	Inf	-Inf	5.45	3	Vertical	26	1.19	95.32	33.80	6.19	34.54
PK	5.7774G	56.49	68.20	-11.71	4.50	3	Vertical	26	1.19	51.99	33.00	6.05	34.55
PK	5.7838G	110.97	Inf	-Inf	5.45	3	Vertical	26	1.19	105.52	33.80	6.19	34.54
PK	5.9722G	57.52	68.20	-10.68	6.03	3	Vertical	26	1.19	51.49	34.26	6.29	34.52

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

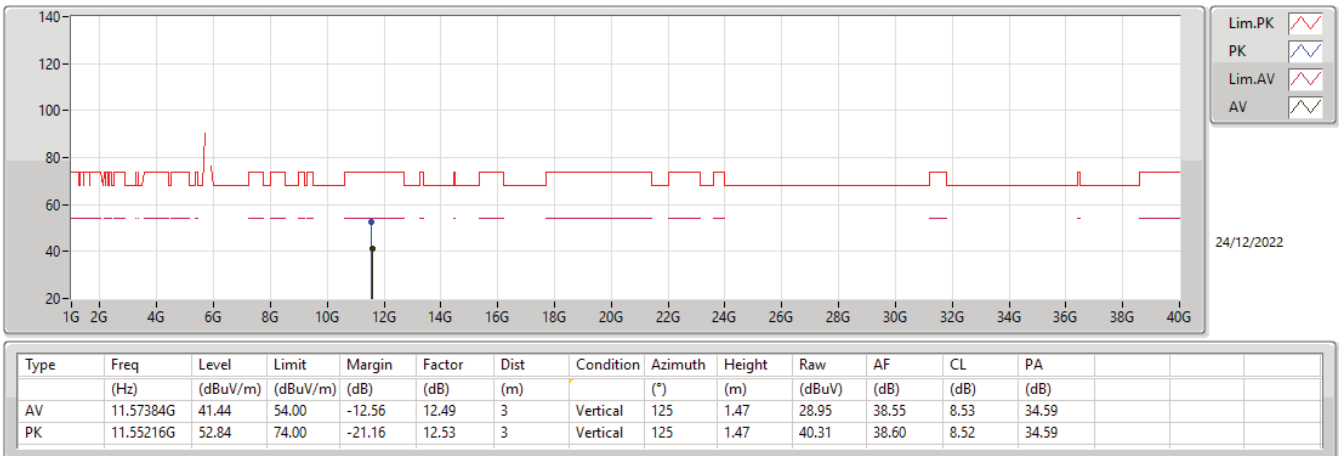
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	106.81	Inf	-Inf	5.45	3	Horizontal	345	2.01	101.36	33.80	6.19	34.54
PK	5.5702G	57.92	68.20	-10.28	4.50	3	Horizontal	345	2.01	53.42	33.00	6.05	34.55
PK	5.7838G	115.63	Inf	-Inf	5.45	3	Horizontal	345	2.01	110.18	33.80	6.19	34.54
PK	5.9266G	57.87	68.20	-10.33	6.03	3	Horizontal	345	2.01	51.84	34.30	6.26	34.53

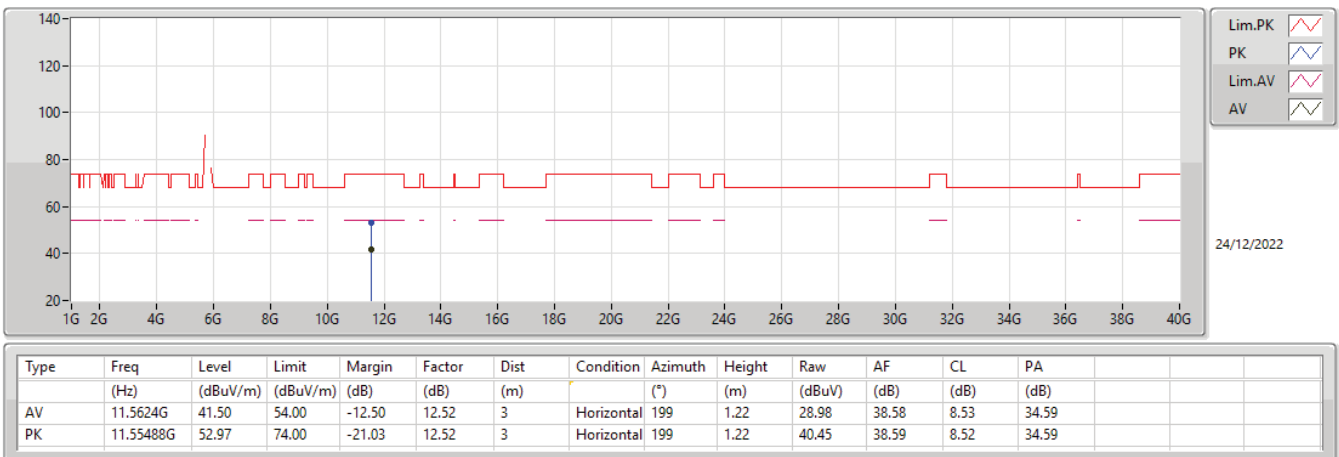
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



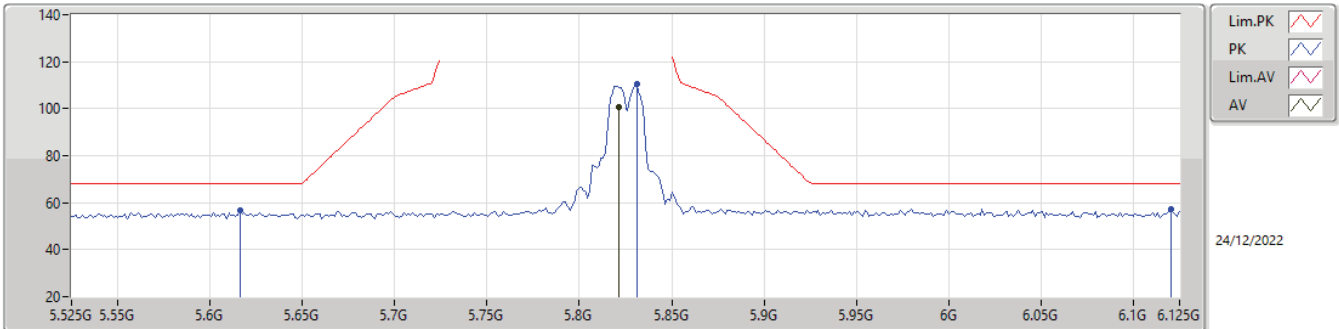
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

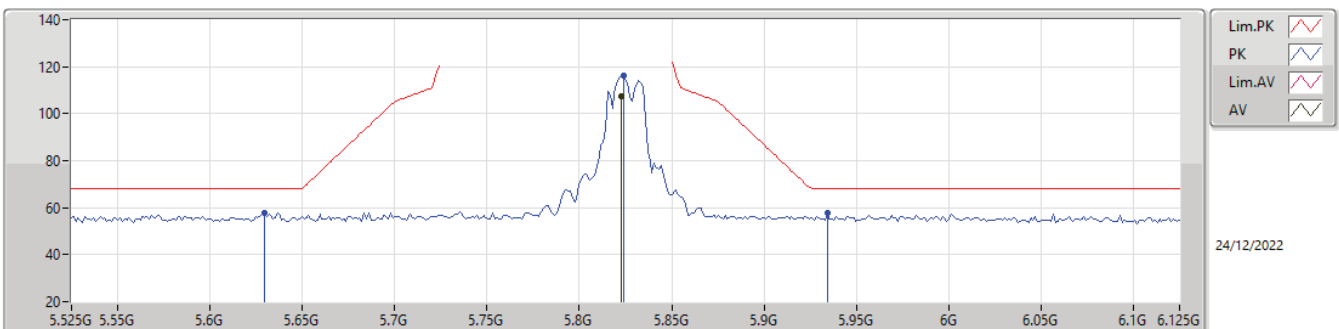
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.8214G	100.63	Inf	-Inf	5.67	3	Vertical	321	2.83	94.96	33.99	6.21	34.53
PK	5.8162G	56.74	68.20	-11.46	4.52	3	Vertical	321	2.83	52.22	33.00	6.07	34.55
PK	5.831G	110.70	Inf	-Inf	5.71	3	Vertical	321	2.83	104.99	34.02	6.22	34.53
PK	6.1202G	57.25	68.20	-10.95	5.79	3	Vertical	321	2.83	51.46	33.98	6.32	34.51

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

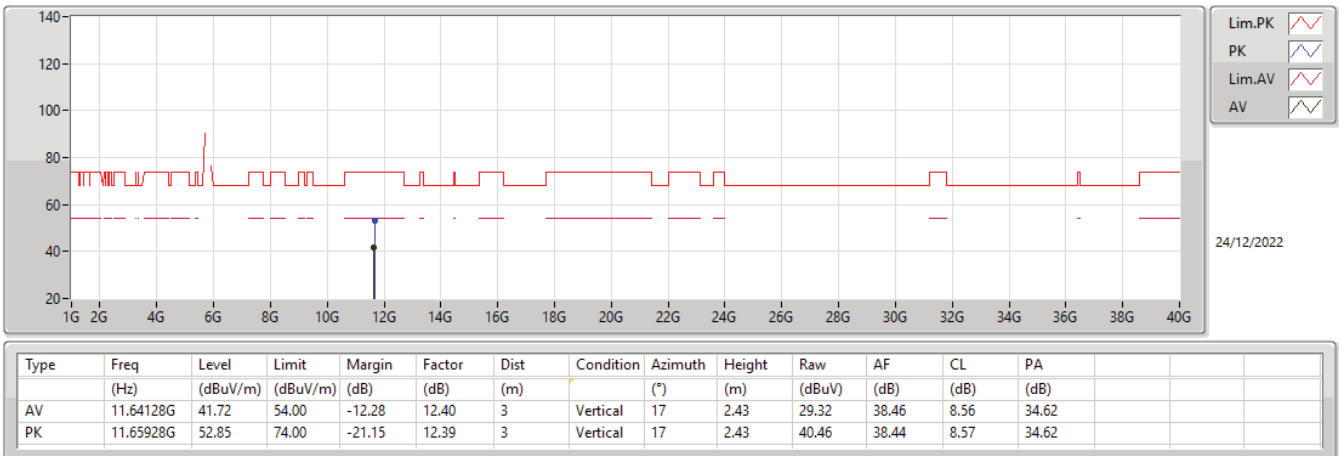
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.8226G	107.27	Inf	-Inf	5.67	3	Horizontal	345	1.90	101.60	33.99	6.21	34.53
PK	5.8294G	57.62	68.20	-10.58	4.53	3	Horizontal	345	1.90	53.09	33.00	6.08	34.55
PK	5.8238G	116.13	Inf	-Inf	5.68	3	Horizontal	345	1.90	110.45	34.00	6.21	34.53
PK	5.9342G	57.83	68.20	-10.37	6.04	3	Horizontal	345	1.90	51.79	34.30	6.27	34.53

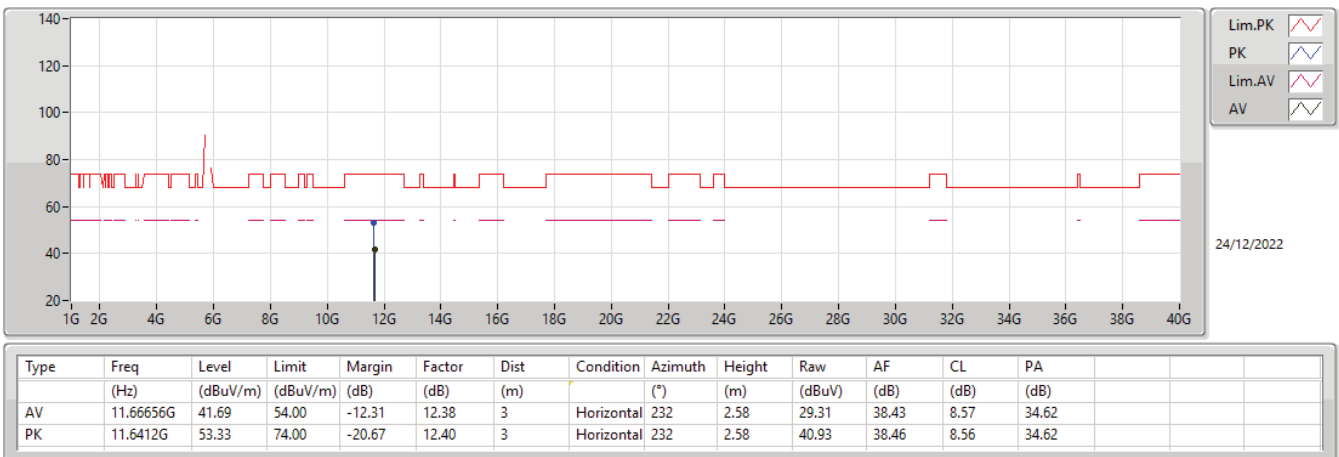
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



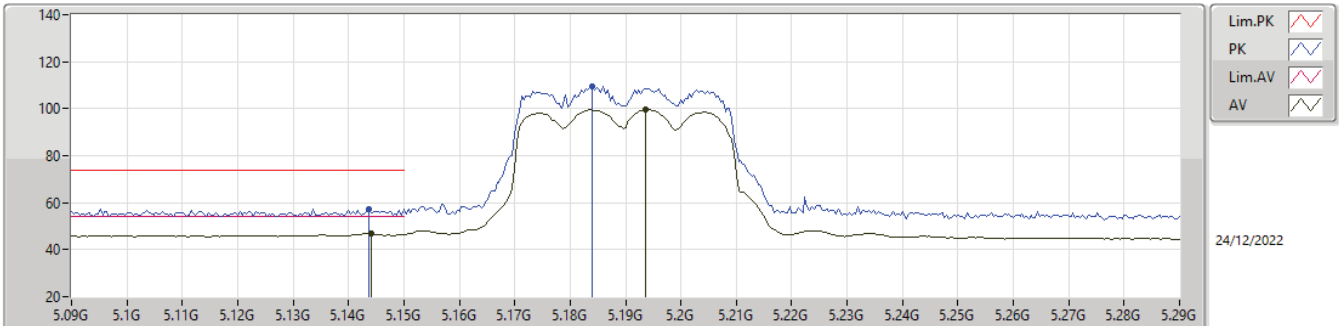
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

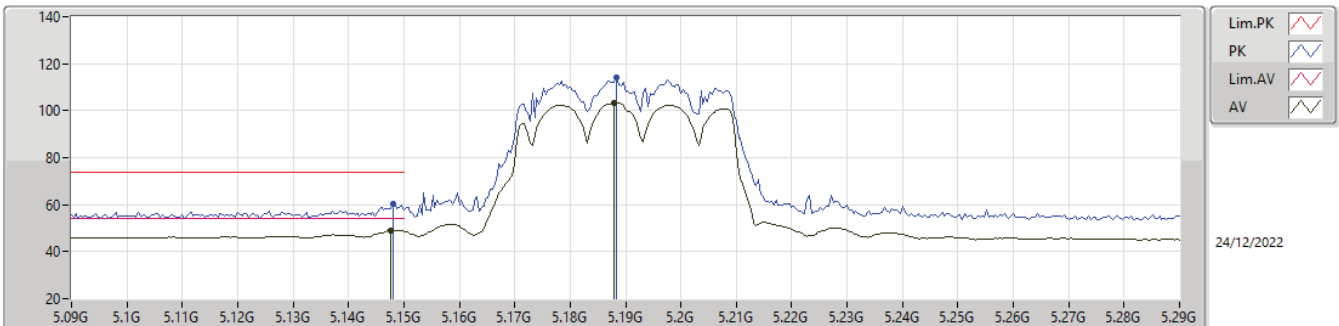
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.144G	46.85	54.00	-7.15	4.32	3	Vertical	331	2.45	42.53	33.09	5.85	34.62
AV	5.1936G	99.59	Inf	-Inf	4.46	3	Vertical	331	2.45	95.13	33.19	5.88	34.61
PK	5.1436G	57.17	74.00	-16.83	4.32	3	Vertical	331	2.45	52.85	33.09	5.85	34.62
PK	5.184G	109.55	Inf	-Inf	4.43	3	Vertical	331	2.45	105.12	33.17	5.87	34.61

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

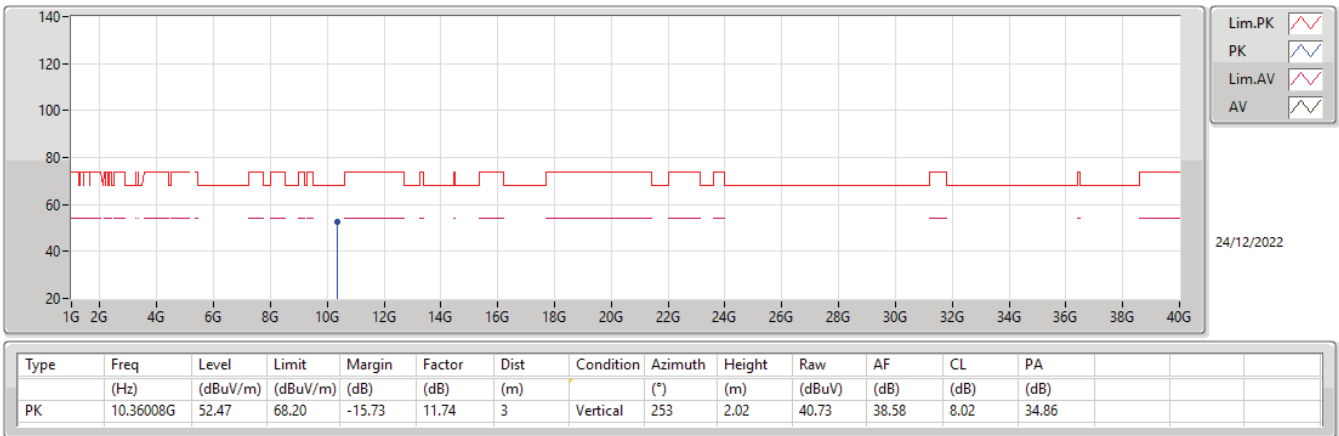
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1476G	49.07	54.00	-4.93	4.34	3	Horizontal	8	1.43	44.73	33.10	5.86	34.62
AV	5.188G	103.17	Inf	-Inf	4.44	3	Horizontal	8	1.43	98.73	33.18	5.87	34.61
PK	5.148G	60.10	74.00	-13.90	4.34	3	Horizontal	8	1.43	55.76	33.10	5.86	34.62
PK	5.1884G	114.31	Inf	-Inf	4.44	3	Horizontal	8	1.43	109.87	33.18	5.87	34.61

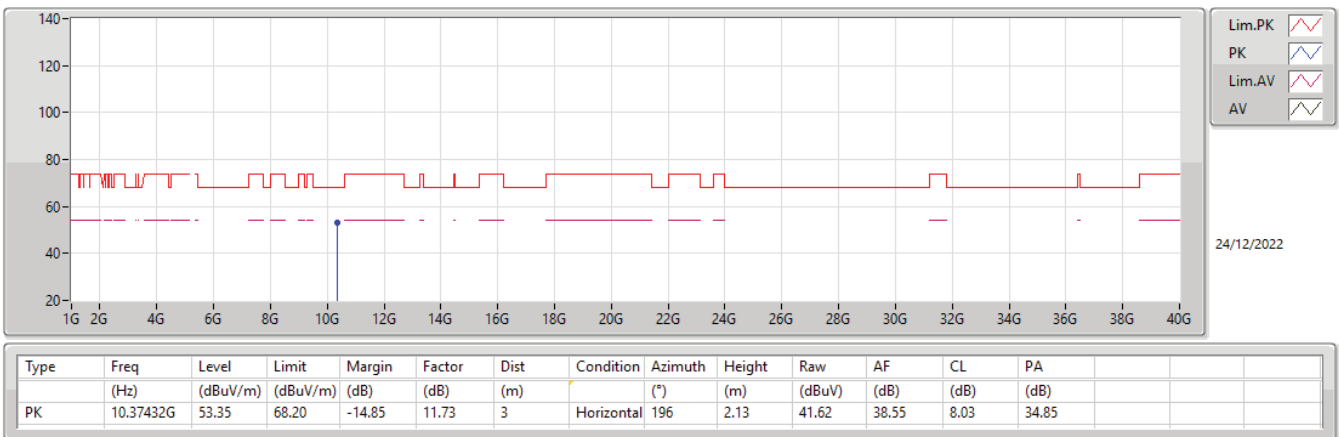
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX



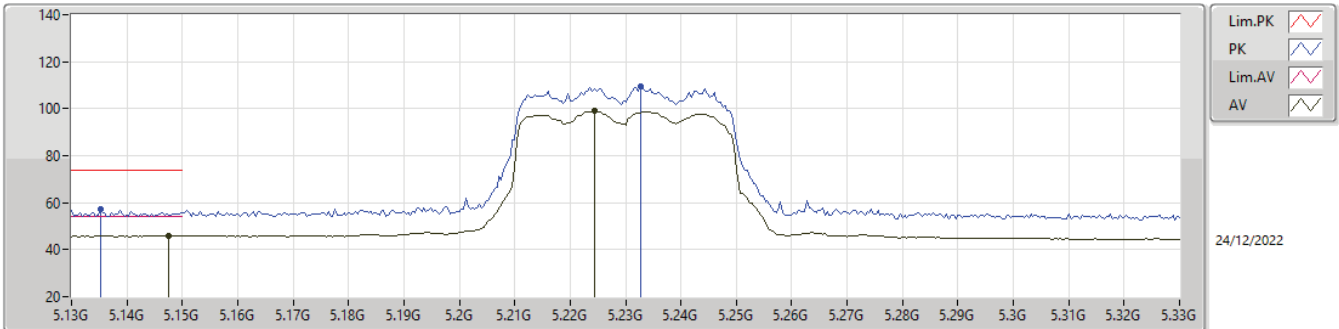
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

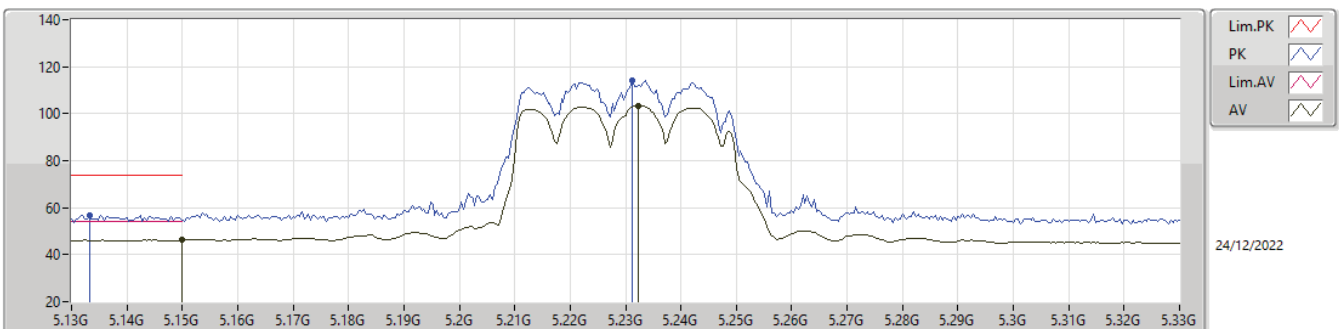
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1476G	46.03	54.00	-7.97	4.34	3	Vertical	348	2.38	41.69	33.10	5.86	34.62
AV	5.2244G	98.98	Inf	-Inf	4.44	3	Vertical	348	2.38	94.54	33.15	5.89	34.60
PK	5.1352G	57.00	74.00	-17.00	4.30	3	Vertical	348	2.38	52.70	33.07	5.85	34.62
PK	5.2328G	109.32	Inf	-Inf	4.43	3	Vertical	348	2.38	104.89	33.13	5.90	34.60

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

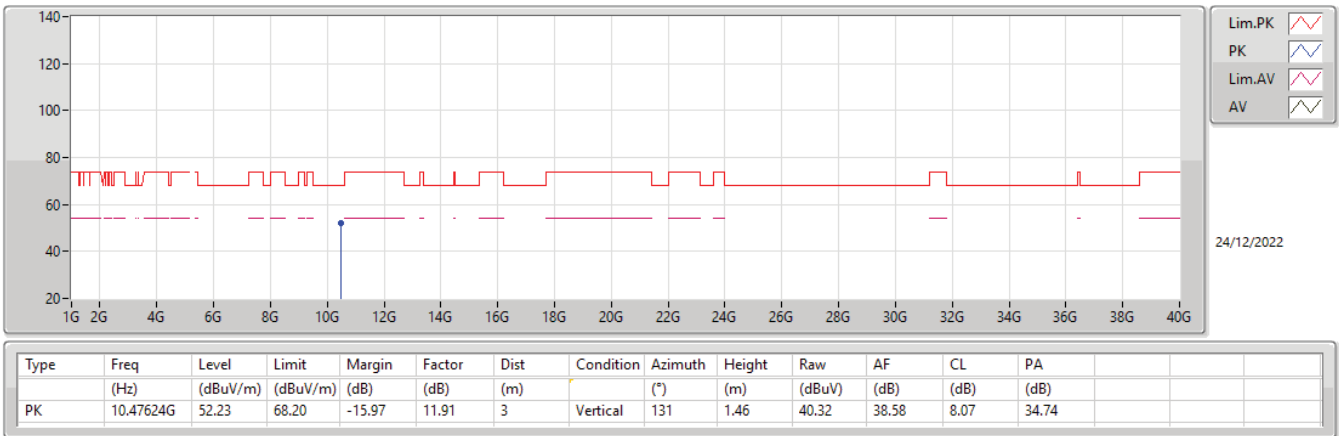
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	46.38	54.00	-7.62	4.34	3	Horizontal	6	2.31	42.04	33.10	5.86	34.62
AV	5.2324G	103.39	Inf	-Inf	4.44	3	Horizontal	6	2.31	98.95	33.14	5.90	34.60
PK	5.1332G	56.87	74.00	-17.13	4.30	3	Horizontal	6	2.31	52.57	33.07	5.85	34.62
PK	5.2312G	114.10	Inf	-Inf	4.44	3	Horizontal	6	2.31	109.66	33.14	5.90	34.60

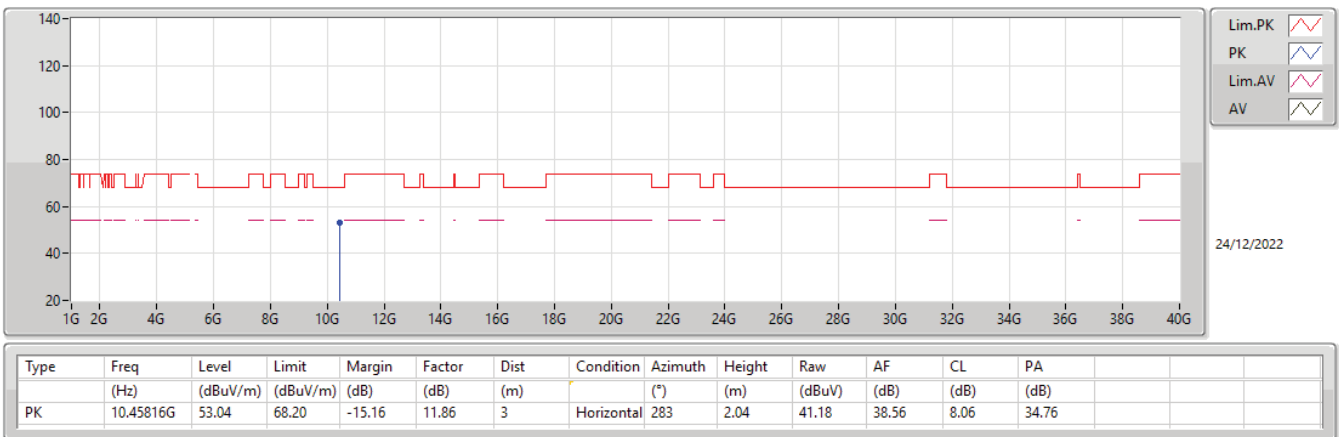
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX



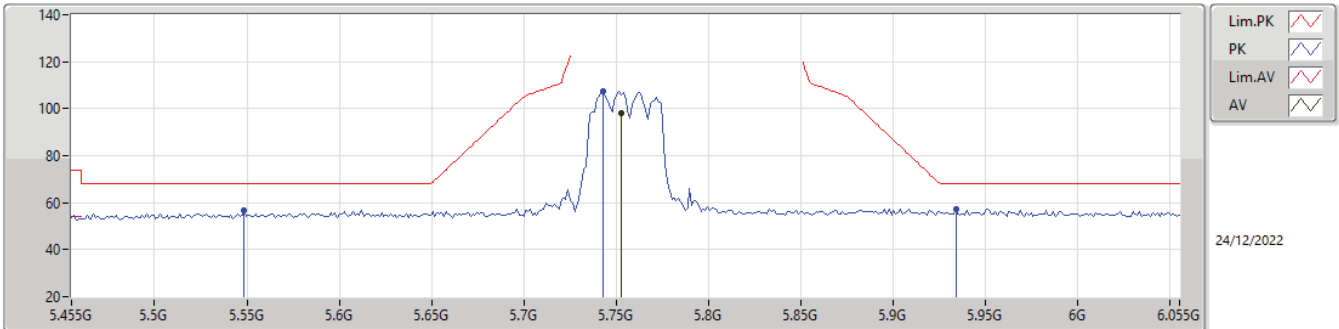
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

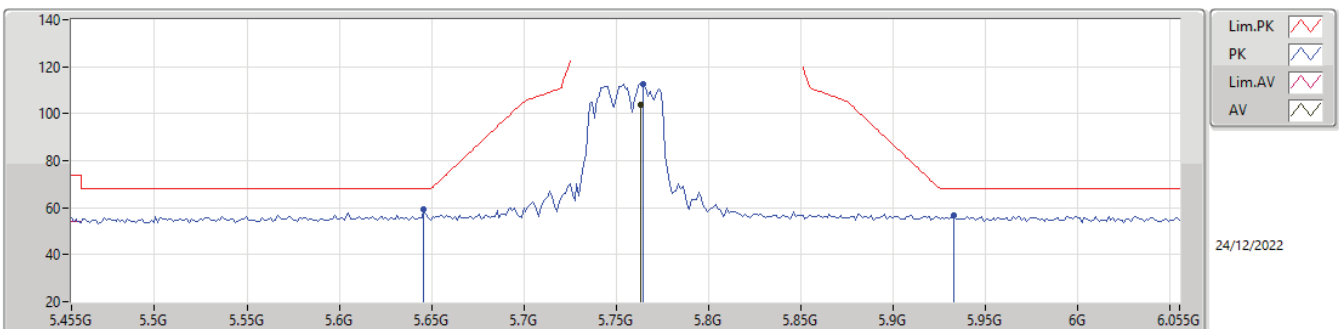
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7526G	97.95	Inf	-Inf	5.25	3	Vertical	29	2.24	92.70	33.62	6.17	34.54
PK	5.5486G	56.66	68.20	-11.54	4.48	3	Vertical	29	2.24	52.18	33.00	6.04	34.56
PK	5.743G	107.42	Inf	-Inf	5.19	3	Vertical	29	2.24	102.23	33.57	6.16	34.54
PK	5.9338G	57.34	68.20	-10.86	6.04	3	Vertical	29	2.24	51.30	34.30	6.27	34.53

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

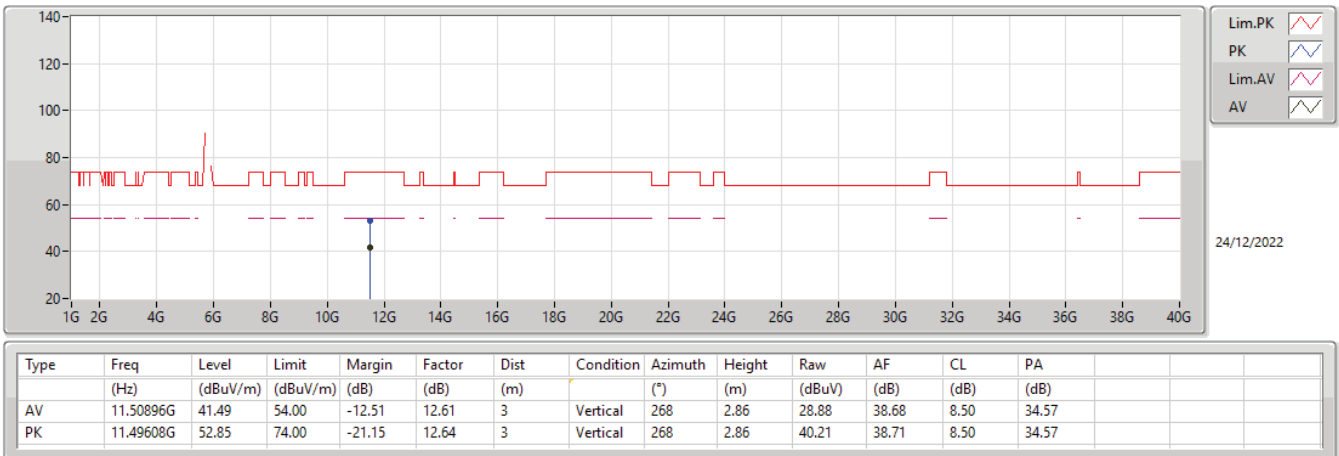
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7634G	103.92	Inf	-Inf	5.31	3	Horizontal	345	2.06	98.61	33.68	6.17	34.54
PK	5.6458G	59.27	68.20	-8.93	4.54	3	Horizontal	345	2.06	54.73	33.00	6.09	34.55
PK	5.7646G	112.77	Inf	-Inf	5.33	3	Horizontal	345	2.06	107.44	33.69	6.18	34.54
PK	5.9326G	56.65	68.20	-11.55	6.04	3	Horizontal	345	2.06	50.61	34.30	6.27	34.53

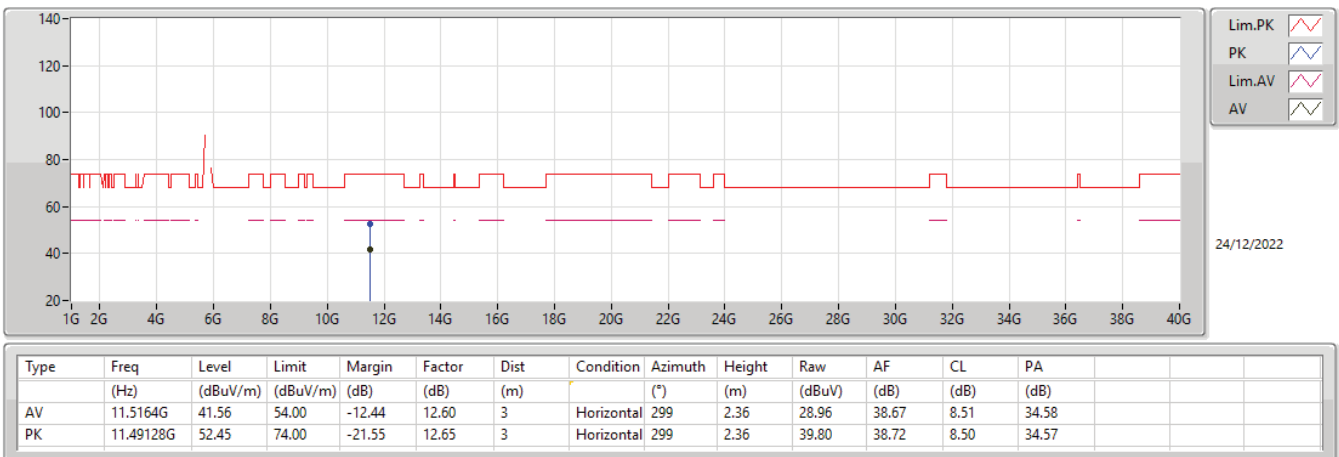
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX



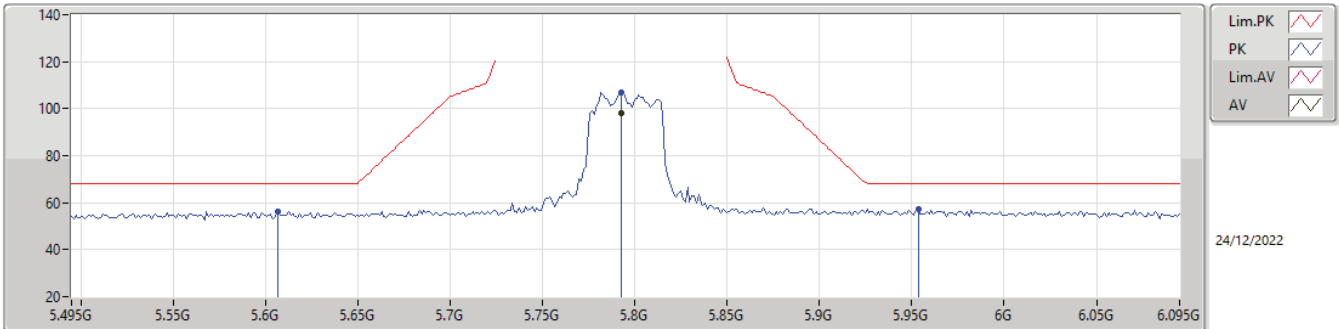
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

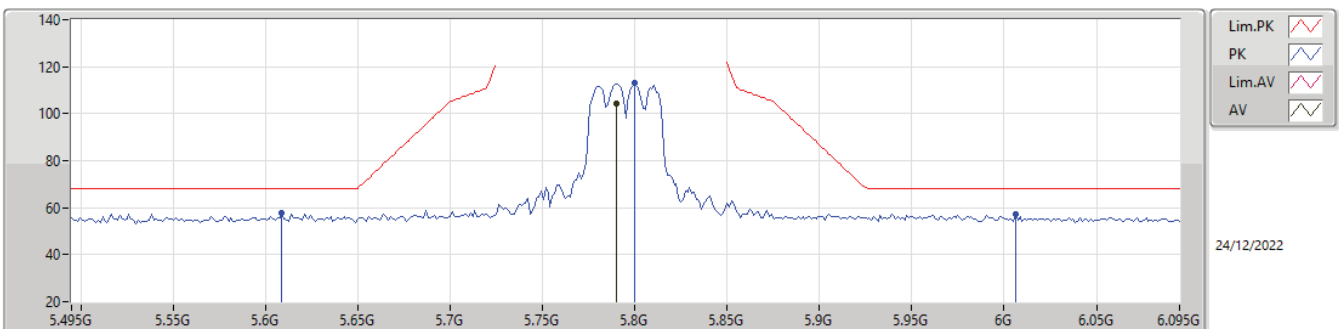
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.7926G	97.92	Inf	-Inf	5.51	3	Vertical	28	2.36	92.41	33.86	6.19	34.54
PK	5.6066G	56.31	68.20	-11.89	4.51	3	Vertical	28	2.36	51.80	33.00	6.06	34.55
PK	5.7926G	106.88	Inf	-Inf	5.51	3	Vertical	28	2.36	101.37	33.86	6.19	34.54
PK	5.9534G	57.43	68.20	-10.77	6.05	3	Vertical	28	2.36	51.38	34.29	6.28	34.52

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

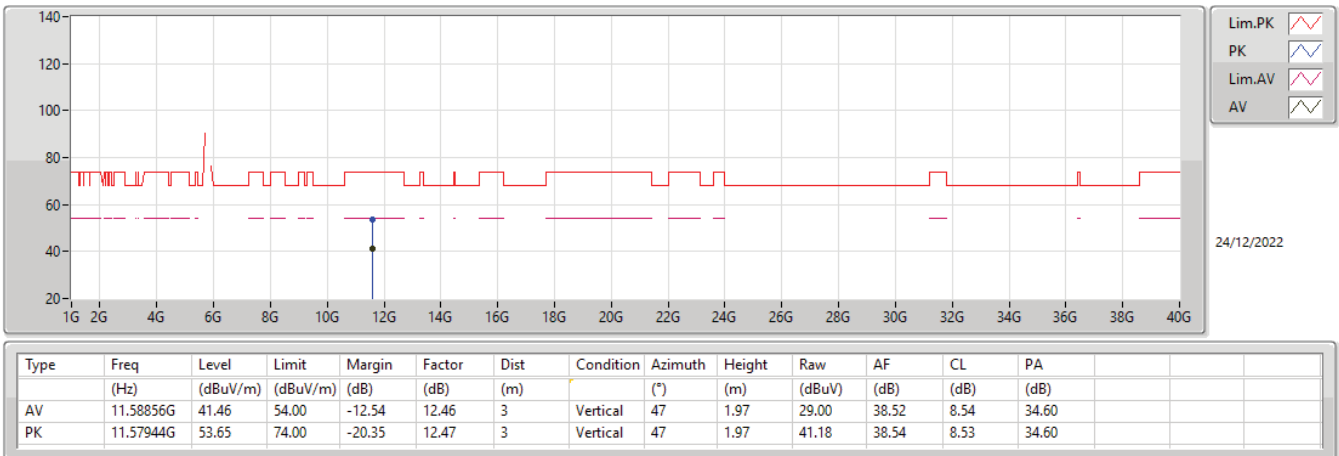
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.7902G	104.33	Inf	-Inf	5.49	3	Horizontal	342	2.46	98.84	33.84	6.19	34.54
PK	5.609G	57.68	68.20	-10.52	4.52	3	Horizontal	342	2.46	53.16	33.00	6.07	34.55
PK	5.7998G	113.01	Inf	-Inf	5.56	3	Horizontal	342	2.46	107.45	33.90	6.20	34.54
PK	6.0062G	57.30	68.20	-10.90	5.96	3	Horizontal	342	2.46	51.34	34.18	6.30	34.52

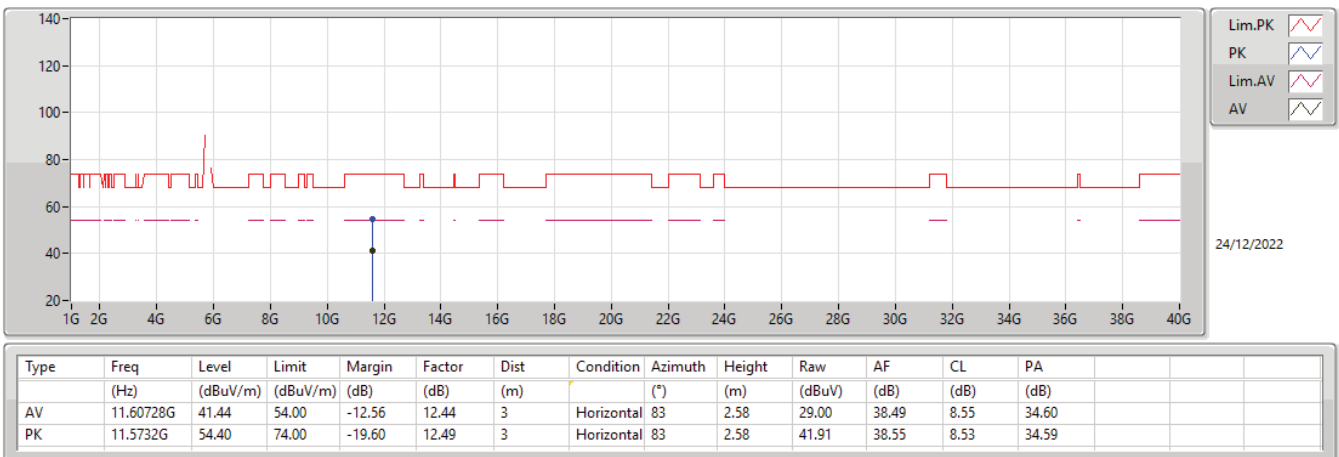
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



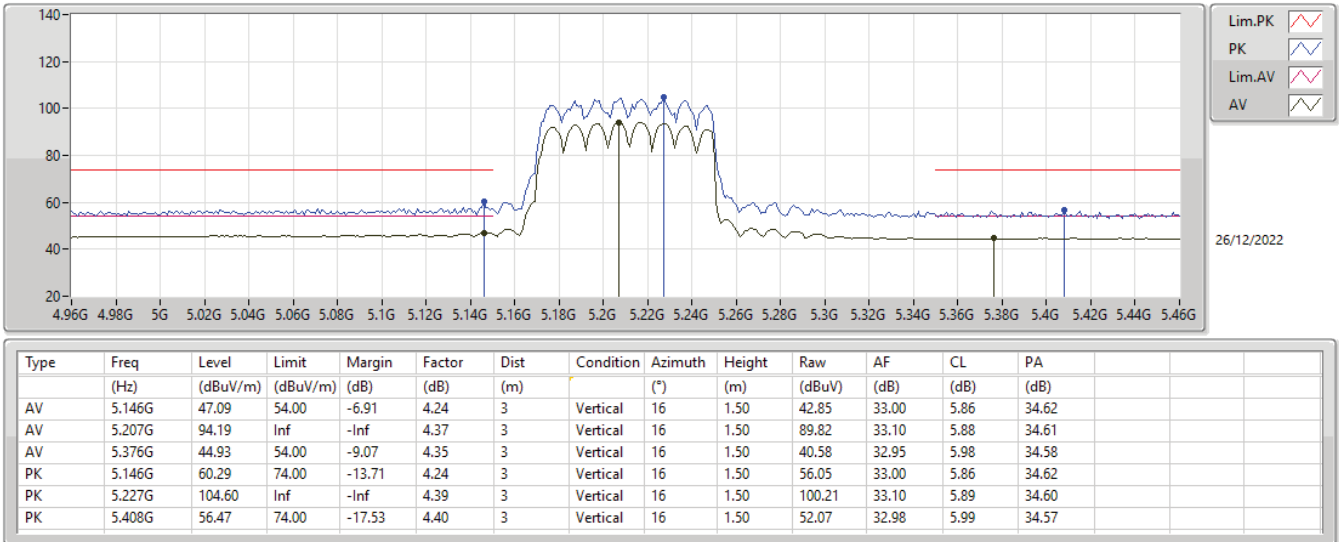
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



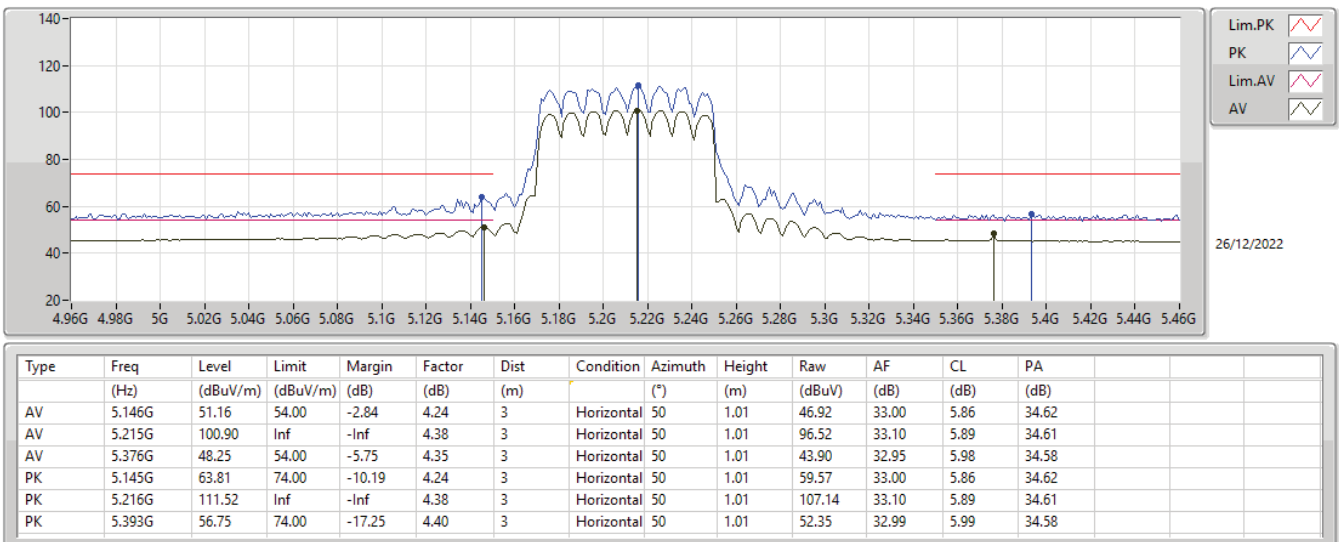
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



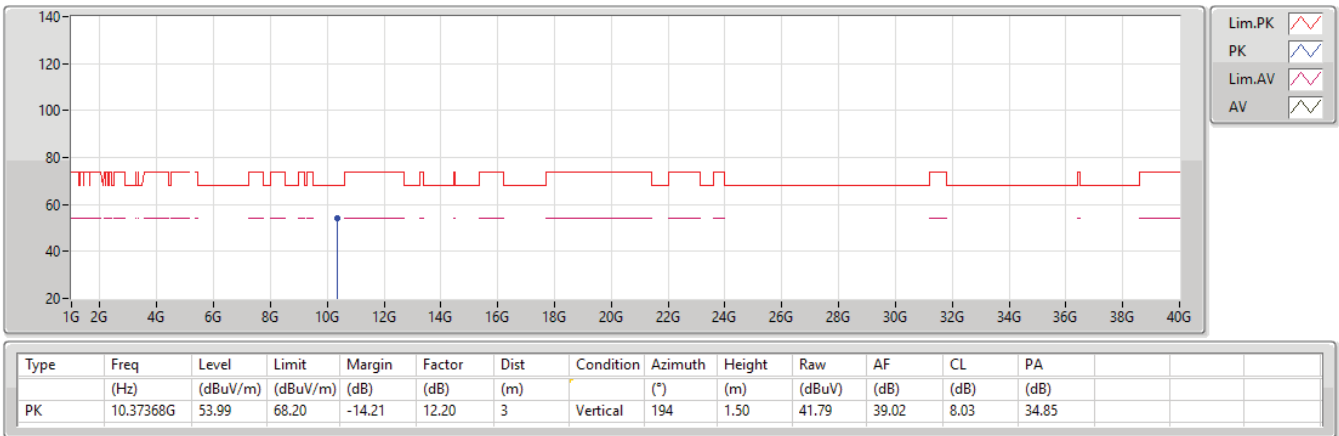
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



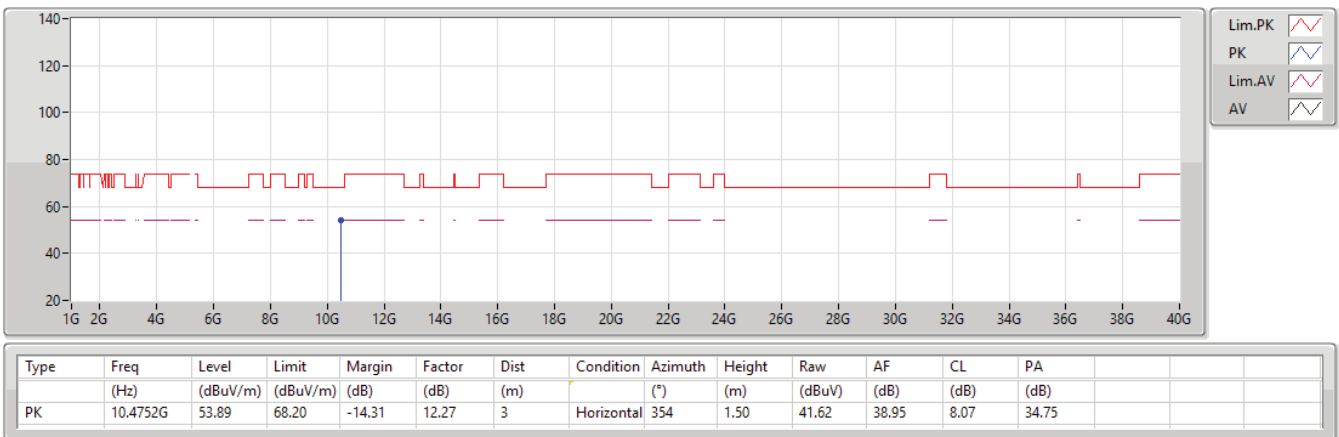
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



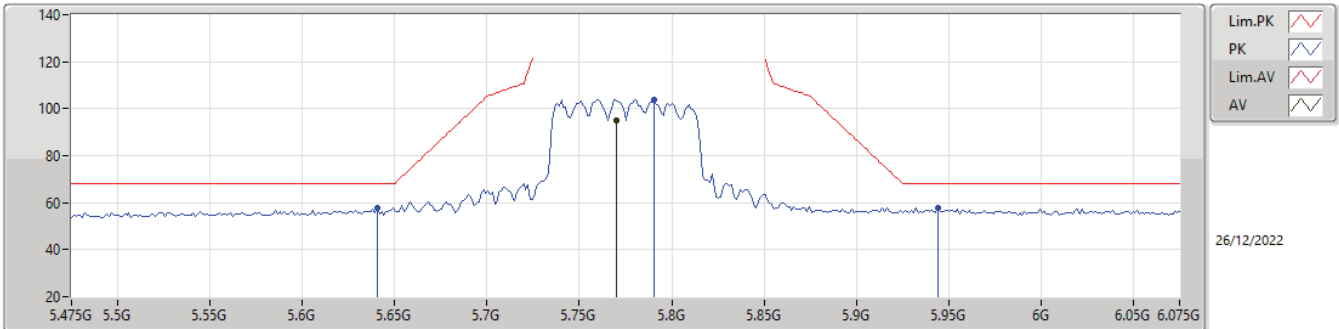
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

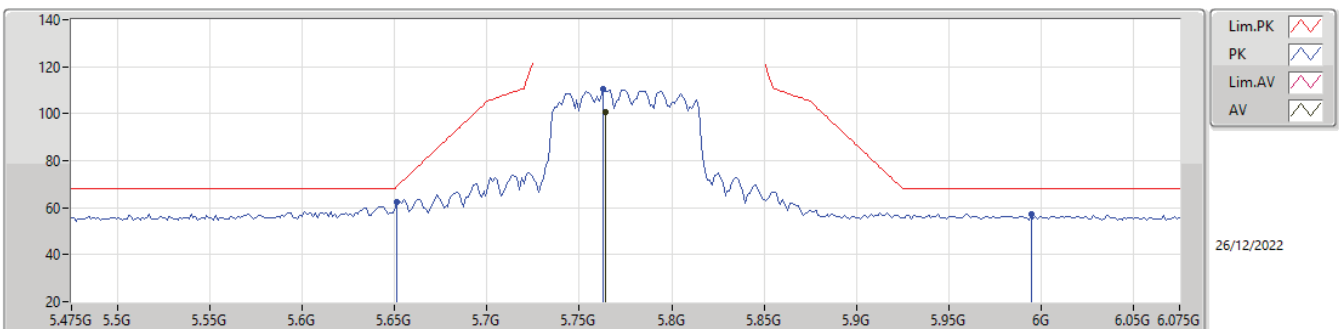
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7702G	94.90	Inf	-Inf	5.42	3	Vertical	326	1.69	89.48	33.78	6.18	34.54
PK	5.6406G	57.60	68.20	-10.60	4.52	3	Vertical	326	1.69	53.08	32.98	6.09	34.55
PK	5.7906G	103.88	Inf	-Inf	5.51	3	Vertical	326	1.69	98.37	33.86	6.19	34.54
PK	5.9442G	57.99	68.20	-10.21	5.95	3	Vertical	326	1.69	52.04	34.20	6.27	34.52

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

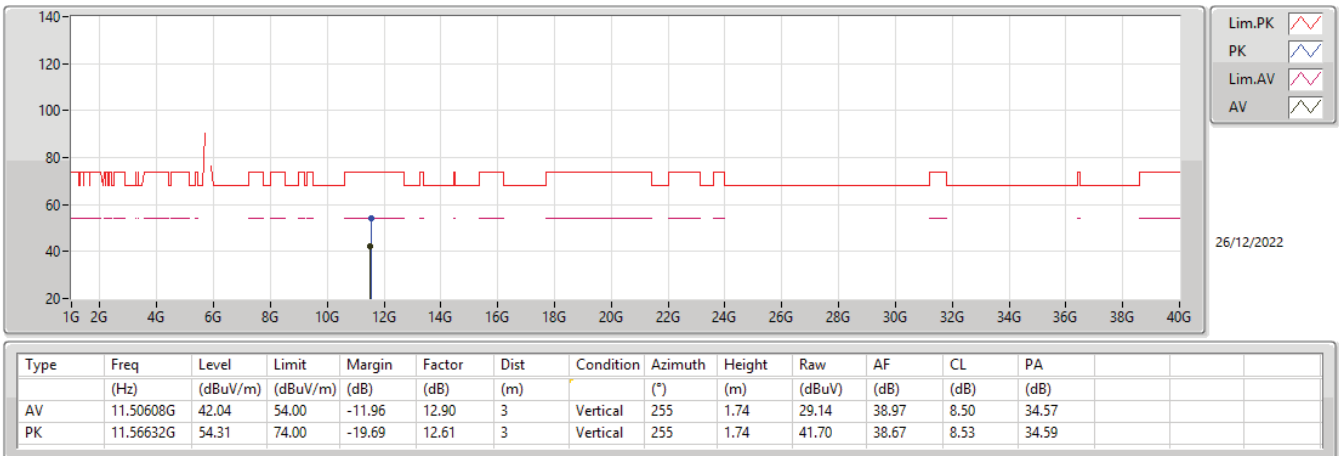
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7642G	100.73	Inf	-Inf	5.39	3	Horizontal	348	2.11	95.34	33.76	6.17	34.54
PK	5.6514G	62.19	69.24	-7.05	4.56	3	Horizontal	348	2.11	57.63	33.01	6.10	34.55
PK	5.763G	110.73	Inf	-Inf	5.38	3	Horizontal	348	2.11	105.35	33.75	6.17	34.54
PK	5.9946G	57.17	68.20	-11.03	5.89	3	Horizontal	348	2.11	51.28	34.11	6.30	34.52

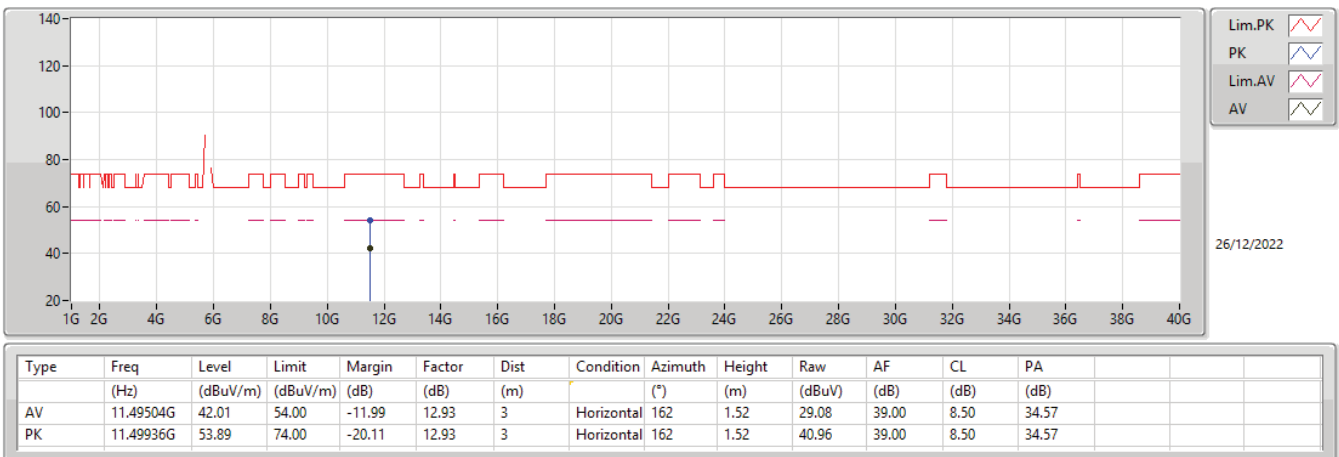
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX





Summary

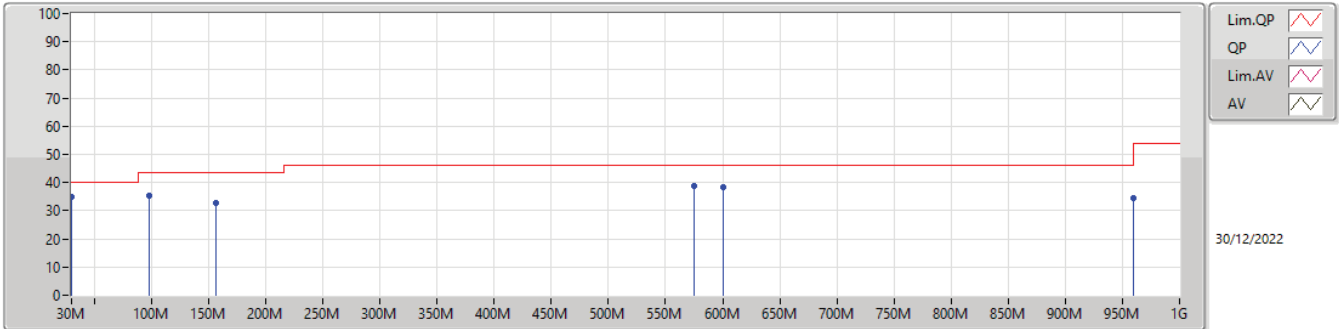
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	82.38M	35.72	40.00	-4.28	3	Horizontal	0	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	97.9M	35.16	43.50	-8.34	3	Vertical	360	1.00	-
5775MHz	Pass	PK	156.1M	32.74	43.50	-10.76	3	Vertical	360	1.00	-
5775MHz	Pass	PK	575.14M	38.95	46.00	-7.05	3	Vertical	360	1.00	-
5775MHz	Pass	PK	600.36M	38.51	46.00	-7.49	3	Vertical	360	1.00	-
5775MHz	Pass	PK	959.26M	34.63	46.00	-11.37	3	Vertical	360	1.00	-
5775MHz	Pass	QP	30.11M	34.80	40.00	-5.20	3	Vertical	226	1.00	-
5775MHz	Pass	PK	82.38M	35.72	40.00	-4.28	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	94.02M	37.41	43.50	-6.09	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	192.96M	34.75	43.50	-8.75	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	575.14M	33.77	46.00	-12.23	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	840.92M	34.07	46.00	-11.93	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	893.3M	35.23	46.00	-10.77	3	Horizontal	0	1.00	-

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

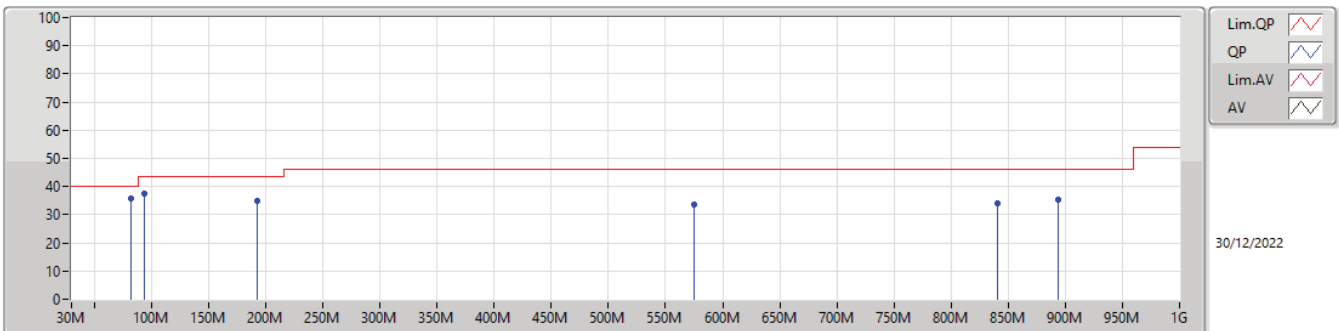
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	97.9M	35.16	43.50	-8.34	-20.54	3	Vertical	360	1.00	55.70	15.01	1.10	36.65
PK	156.1M	32.74	43.50	-10.76	-18.97	3	Vertical	360	1.00	51.71	16.04	1.41	36.42
PK	575.14M	38.95	46.00	-7.05	-9.40	3	Vertical	360	1.00	48.35	24.96	2.75	37.11
PK	600.36M	38.51	46.00	-7.49	-9.48	3	Vertical	360	1.00	47.99	24.73	2.88	37.09
PK	959.26M	34.63	46.00	-11.37	-3.47	3	Vertical	360	1.00	38.10	30.07	3.77	37.31
QP	30.11M	34.80	40.00	-5.20	-12.86	3	Vertical	226	1.00	47.66	23.63	0.71	37.20

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	82.38M	35.72	40.00	-4.28	-23.05	3	Horizontal	0	1.00	58.77	12.77	0.98	36.80
PK	94.02M	37.41	43.50	-6.09	-21.24	3	Horizontal	0	1.00	58.65	14.37	1.06	36.67
PK	192.96M	34.75	43.50	-8.75	-20.74	3	Horizontal	0	1.00	55.49	14.02	1.58	36.34
PK	575.14M	33.77	46.00	-12.23	-9.40	3	Horizontal	0	1.00	43.17	24.96	2.75	37.11
PK	840.92M	34.07	46.00	-11.93	-5.83	3	Horizontal	0	1.00	39.90	28.25	3.51	37.59
PK	893.3M	35.23	46.00	-10.77	-5.97	3	Horizontal	0	1.00	41.20	28.17	3.46	37.60

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	AV	5.15G	52.23	54.00	-1.77	3	Horizontal	50	2.14
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	AV	5.15G	52.82	54.00	-1.18	3	Vertical	336	1.00
802.11ax HEW40_Nss1.(MCS0)_2TX	Pass	AV	5.146G	52.69	54.00	-1.31	3	Horizontal	66	2.36
802.11ax HEW80_Nss1.(MCS0)_2TX	Pass	AV	5.144G	53.58	54.00	-0.42	3	Horizontal	71	2.24
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	PK	5.93133G	59.10	68.20	-9.10	3	Vertical	1	2.63
802.11ax HEW20_Nss1.(MCS0)_2TX	Pass	PK	5.95432G	59.21	68.20	-8.99	3	Horizontal	75	2.07
802.11ax HEW40_Nss1.(MCS0)_2TX	Pass	PK	5.9306G	58.71	68.20	-9.49	3	Horizontal	83	2.94
802.11ax HEW80_Nss1.(MCS0)_2TX	Pass	PK	5.6502G	65.63	68.35	-2.72	3	Horizontal	78	2.07



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.148G	51.02	54.00	-2.98	3	Vertical	337	1.44
5180MHz	Pass	AV	5.1824G	102.94	Inf	-Inf	3	Vertical	337	1.44
5180MHz	Pass	PK	5.1482G	59.60	74.00	-14.40	3	Vertical	337	1.44
5180MHz	Pass	PK	5.182G	109.26	Inf	-Inf	3	Vertical	337	1.44
5180MHz	Pass	AV	5.15G	52.23	54.00	-1.77	3	Horizontal	50	2.14
5180MHz	Pass	AV	5.181G	106.26	Inf	-Inf	3	Horizontal	50	2.14
5180MHz	Pass	PK	5.146G	60.60	74.00	-13.40	3	Horizontal	50	2.14
5180MHz	Pass	PK	5.1864G	113.45	Inf	-Inf	3	Horizontal	50	2.14
5180MHz	Pass	PK	10.35504G	51.23	68.20	-16.97	3	Vertical	267	1.59
5180MHz	Pass	PK	10.3552G	51.68	68.20	-16.52	3	Horizontal	108	1.94
5200MHz	Pass	AV	5.1232G	46.66	54.00	-7.34	3	Vertical	336	1.04
5200MHz	Pass	AV	5.2012G	104.41	Inf	-Inf	3	Vertical	336	1.04
5200MHz	Pass	PK	5.1184G	58.34	74.00	-15.66	3	Vertical	336	1.04
5200MHz	Pass	PK	5.1968G	112.63	Inf	-Inf	3	Vertical	336	1.04
5200MHz	Pass	AV	5.1492G	46.93	54.00	-7.07	3	Horizontal	53	2.35
5200MHz	Pass	AV	5.1976G	107.55	Inf	-Inf	3	Horizontal	53	2.35
5200MHz	Pass	PK	5.1436G	57.48	74.00	-16.52	3	Horizontal	53	2.35
5200MHz	Pass	PK	5.1976G	115.78	Inf	-Inf	3	Horizontal	53	2.35
5200MHz	Pass	PK	10.39696G	51.63	68.20	-16.57	3	Vertical	11	1.16
5200MHz	Pass	PK	10.4152G	52.86	68.20	-15.34	3	Horizontal	26	1.44
5240MHz	Pass	AV	5.1176G	46.67	54.00	-7.33	3	Vertical	357	1.31
5240MHz	Pass	AV	5.2424G	104.23	Inf	-Inf	3	Vertical	357	1.31
5240MHz	Pass	AV	5.3882G	45.64	54.00	-8.36	3	Vertical	357	1.31
5240MHz	Pass	PK	5.1164G	57.72	74.00	-16.28	3	Vertical	357	1.31
5240MHz	Pass	PK	5.2424G	112.36	Inf	-Inf	3	Vertical	357	1.31
5240MHz	Pass	PK	5.363G	56.61	74.00	-17.39	3	Vertical	357	1.31
5240MHz	Pass	AV	5.099G	46.64	54.00	-7.36	3	Horizontal	51	2.11
5240MHz	Pass	AV	5.2418G	106.66	Inf	-Inf	3	Horizontal	51	2.11
5240MHz	Pass	AV	5.375G	45.74	54.00	-8.26	3	Horizontal	51	2.11
5240MHz	Pass	PK	5.141G	57.97	74.00	-16.03	3	Horizontal	51	2.11
5240MHz	Pass	PK	5.2418G	114.96	Inf	-Inf	3	Horizontal	51	2.11
5240MHz	Pass	PK	5.3714G	56.72	74.00	-17.28	3	Horizontal	51	2.11
5240MHz	Pass	PK	10.48868G	51.75	68.20	-16.45	3	Vertical	273	2.70
5240MHz	Pass	PK	10.4818G	52.09	68.20	-16.11	3	Horizontal	265	1.18
5745MHz	Pass	AV	5.7438G	106.54	Inf	-Inf	3	Vertical	3	2.54
5745MHz	Pass	PK	5.5926G	57.96	68.20	-10.24	3	Vertical	3	2.54
5745MHz	Pass	PK	5.7438G	113.84	Inf	-Inf	3	Vertical	3	2.54
5745MHz	Pass	PK	5.9862G	57.97	68.20	-10.23	3	Vertical	3	2.54
5745MHz	Pass	AV	5.7486G	106.77	Inf	-Inf	3	Horizontal	50	2.64
5745MHz	Pass	PK	5.6118G	57.50	68.20	-10.70	3	Horizontal	50	2.64
5745MHz	Pass	PK	5.7438G	114.39	Inf	-Inf	3	Horizontal	50	2.64
5745MHz	Pass	PK	5.9586G	58.52	68.20	-9.68	3	Horizontal	50	2.64
5745MHz	Pass	AV	11.49824G	42.88	54.00	-11.12	3	Vertical	98	2.31
5745MHz	Pass	PK	11.4822G	51.54	74.00	-22.46	3	Vertical	98	2.31
5745MHz	Pass	AV	11.4984G	42.99	54.00	-11.01	3	Horizontal	29	1.15
5745MHz	Pass	PK	11.4944G	52.45	74.00	-21.55	3	Horizontal	29	1.15
5785MHz	Pass	AV	5.78371G	106.75	Inf	-Inf	3	Vertical	1	2.63
5785MHz	Pass	PK	5.601G	57.06	68.20	-11.14	3	Vertical	1	2.63
5785MHz	Pass	PK	5.78855G	113.84	Inf	-Inf	3	Vertical	1	2.63
5785MHz	Pass	PK	5.93133G	59.10	68.20	-9.10	3	Vertical	1	2.63
5785MHz	Pass	AV	5.7825G	107.67	Inf	-Inf	3	Horizontal	57	2.05
5785MHz	Pass	PK	5.56954G	56.89	68.20	-11.31	3	Horizontal	57	2.05
5785MHz	Pass	PK	5.7825G	115.15	Inf	-Inf	3	Horizontal	57	2.05
5785MHz	Pass	PK	5.93012G	57.89	68.20	-10.31	3	Horizontal	57	2.05
5785MHz	Pass	AV	11.56684G	42.50	54.00	-11.50	3	Vertical	139	1.86
5785MHz	Pass	PK	11.57544G	51.68	74.00	-22.32	3	Vertical	139	1.86
5785MHz	Pass	AV	11.57772G	42.59	54.00	-11.41	3	Horizontal	159	1.80
5785MHz	Pass	PK	11.57524G	52.25	74.00	-21.75	3	Horizontal	159	1.80
5825MHz	Pass	AV	5.8298G	106.48	Inf	-Inf	3	Vertical	2	2.73
5825MHz	Pass	PK	5.5922G	57.61	68.20	-10.59	3	Vertical	2	2.73



RSE TX above 1GHz_C-330_Radio 3

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	PK	5.8298G	113.94	Inf	-Inf	3	Vertical	2	2.73
5825MHz	Pass	PK	6.0062G	58.16	68.20	-10.04	3	Vertical	2	2.73
5825MHz	Pass	AV	5.8226G	108.23	Inf	-Inf	3	Horizontal	54	2.13
5825MHz	Pass	PK	5.6054G	58.50	68.20	-9.70	3	Horizontal	54	2.13
5825MHz	Pass	PK	5.8178G	115.71	Inf	-Inf	3	Horizontal	54	2.13
5825MHz	Pass	PK	6.1022G	58.35	68.20	-9.85	3	Horizontal	54	2.13
5825MHz	Pass	AV	11.64676G	42.53	54.00	-11.47	3	Vertical	128	2.95
5825MHz	Pass	PK	11.64104G	51.71	74.00	-22.29	3	Vertical	128	2.95
5825MHz	Pass	AV	11.6574G	42.66	54.00	-11.34	3	Horizontal	303	2.61
5825MHz	Pass	PK	11.64036G	52.32	74.00	-21.68	3	Horizontal	303	2.61
802.11ax HEW20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.82	54.00	-1.18	3	Vertical	336	1.00
5180MHz	Pass	AV	5.1822G	103.50	Inf	-Inf	3	Vertical	336	1.00
5180MHz	Pass	PK	5.1496G	61.16	74.00	-12.84	3	Vertical	336	1.00
5180MHz	Pass	PK	5.182G	110.38	Inf	-Inf	3	Vertical	336	1.00
5180MHz	Pass	AV	5.1458G	51.05	54.00	-2.95	3	Horizontal	49	2.14
5180MHz	Pass	AV	5.1836G	105.37	Inf	-Inf	3	Horizontal	49	2.14
5180MHz	Pass	PK	5.1462G	60.69	74.00	-13.31	3	Horizontal	49	2.14
5180MHz	Pass	PK	5.1836G	114.37	Inf	-Inf	3	Horizontal	49	2.14
5180MHz	Pass	PK	10.36276G	51.77	68.20	-16.43	3	Vertical	110	1.31
5180MHz	Pass	PK	10.35428G	52.07	68.20	-16.13	3	Horizontal	186	2.72
5200MHz	Pass	AV	5.15G	47.33	54.00	-6.67	3	Vertical	343	2.54
5200MHz	Pass	AV	5.1984G	104.10	Inf	-Inf	3	Vertical	343	2.54
5200MHz	Pass	PK	5.1476G	58.91	74.00	-15.09	3	Vertical	343	2.54
5200MHz	Pass	PK	5.1992G	115.37	Inf	-Inf	3	Vertical	343	2.54
5200MHz	Pass	AV	5.1472G	47.37	54.00	-6.63	3	Horizontal	53	2.36
5200MHz	Pass	AV	5.196G	107.27	Inf	-Inf	3	Horizontal	53	2.36
5200MHz	Pass	PK	5.1456G	61.95	74.00	-12.05	3	Horizontal	53	2.36
5200MHz	Pass	PK	5.1968G	117.68	Inf	-Inf	3	Horizontal	53	2.36
5200MHz	Pass	PK	10.40524G	51.97	68.20	-16.23	3	Vertical	108	1.72
5200MHz	Pass	PK	10.39312G	52.36	68.20	-15.84	3	Horizontal	96	2.25
5240MHz	Pass	AV	5.1182G	46.01	54.00	-7.99	3	Vertical	37	1.32
5240MHz	Pass	AV	5.237G	104.09	Inf	-Inf	3	Vertical	37	1.32
5240MHz	Pass	AV	5.381G	44.98	54.00	-9.02	3	Vertical	37	1.32
5240MHz	Pass	PK	5.1278G	57.57	74.00	-16.43	3	Vertical	37	1.32
5240MHz	Pass	PK	5.2376G	115.28	Inf	-Inf	3	Vertical	37	1.32
5240MHz	Pass	PK	5.3774G	56.62	74.00	-17.38	3	Vertical	37	1.32
5240MHz	Pass	AV	5.123G	46.25	54.00	-7.75	3	Horizontal	49	2.12
5240MHz	Pass	AV	5.2436G	106.86	Inf	-Inf	3	Horizontal	49	2.12
5240MHz	Pass	AV	5.3738G	45.30	54.00	-8.70	3	Horizontal	49	2.12
5240MHz	Pass	PK	5.1344G	57.58	74.00	-16.42	3	Horizontal	49	2.12
5240MHz	Pass	PK	5.2424G	117.06	Inf	-Inf	3	Horizontal	49	2.12
5240MHz	Pass	PK	5.3684G	56.89	74.00	-17.11	3	Horizontal	49	2.12
5240MHz	Pass	PK	10.47016G	51.82	68.20	-16.38	3	Vertical	149	2.42
5240MHz	Pass	PK	10.48292G	51.99	68.20	-16.21	3	Horizontal	212	1.03
5745MHz	Pass	AV	5.7426G	105.70	Inf	-Inf	3	Vertical	16	1.49
5745MHz	Pass	PK	5.6502G	57.32	68.35	-11.03	3	Vertical	16	1.49
5745MHz	Pass	PK	5.7426G	115.83	Inf	-Inf	3	Vertical	16	1.49
5745MHz	Pass	PK	5.955G	57.85	68.20	-10.35	3	Vertical	16	1.49
5745MHz	Pass	AV	5.7426G	104.02	Inf	-Inf	3	Horizontal	55	1.66
5745MHz	Pass	PK	5.6022G	57.11	68.20	-11.09	3	Horizontal	55	1.66
5745MHz	Pass	PK	5.7426G	113.97	Inf	-Inf	3	Horizontal	55	1.66
5745MHz	Pass	PK	6.0318G	57.57	68.20	-10.63	3	Horizontal	55	1.66
5745MHz	Pass	AV	11.50458G	42.60	54.00	-11.40	3	Vertical	268	1.50
5745MHz	Pass	PK	11.48322G	54.45	74.00	-19.55	3	Vertical	268	1.50
5745MHz	Pass	AV	11.47716G	42.60	54.00	-11.40	3	Horizontal	3	1.52
5745MHz	Pass	PK	11.49132G	54.73	74.00	-19.27	3	Horizontal	3	1.52
5785MHz	Pass	AV	5.7825G	105.93	Inf	-Inf	3	Vertical	19	1.47
5785MHz	Pass	PK	5.59616G	56.83	68.20	-11.37	3	Vertical	19	1.47
5785MHz	Pass	PK	5.7825G	115.93	Inf	-Inf	3	Vertical	19	1.47
5785MHz	Pass	PK	6.00393G	58.52	68.20	-9.68	3	Vertical	19	1.47
5785MHz	Pass	AV	5.78129G	107.21	Inf	-Inf	3	Horizontal	75	2.07



RSE TX above 1GHz_C-330_Radio 3

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	5.5889G	57.33	68.20	-10.87	3	Horizontal	75	2.07
5785MHz	Pass	PK	5.78008G	118.05	Inf	-Inf	3	Horizontal	75	2.07
5785MHz	Pass	PK	5.95432G	59.21	68.20	-8.99	3	Horizontal	75	2.07
5785MHz	Pass	AV	11.55938G	42.40	54.00	-11.60	3	Vertical	51	1.50
5785MHz	Pass	PK	11.56478G	54.28	74.00	-19.72	3	Vertical	51	1.50
5785MHz	Pass	AV	11.5586G	42.26	54.00	-11.74	3	Horizontal	35	1.50
5785MHz	Pass	PK	11.57228G	53.91	74.00	-20.09	3	Horizontal	35	1.50
5825MHz	Pass	AV	5.8238G	106.21	Inf	-Inf	3	Vertical	22	2.36
5825MHz	Pass	PK	5.5994G	57.37	68.20	-10.83	3	Vertical	22	2.36
5825MHz	Pass	PK	5.8238G	116.88	Inf	-Inf	3	Vertical	22	2.36
5825MHz	Pass	PK	5.9402G	57.86	68.20	-10.34	3	Vertical	22	2.36
5825MHz	Pass	AV	5.8214G	107.86	Inf	-Inf	3	Horizontal	73	2.12
5825MHz	Pass	PK	5.6186G	56.80	68.20	-11.40	3	Horizontal	73	2.12
5825MHz	Pass	PK	5.8214G	117.39	Inf	-Inf	3	Horizontal	73	2.12
5825MHz	Pass	PK	5.999G	57.78	68.20	-10.42	3	Horizontal	73	2.12
5825MHz	Pass	AV	11.65648G	42.38	54.00	-11.62	3	Vertical	196	2.38
5825MHz	Pass	PK	11.66044G	54.35	74.00	-19.65	3	Vertical	196	2.38
5825MHz	Pass	AV	11.66152G	42.35	54.00	-11.65	3	Horizontal	352	1.50
5825MHz	Pass	PK	11.64682G	54.06	74.00	-19.94	3	Horizontal	352	1.50
802.11ax HEW40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1448G	51.03	54.00	-2.97	3	Vertical	354	1.05
5190MHz	Pass	AV	5.1948G	98.89	Inf	-Inf	3	Vertical	354	1.05
5190MHz	Pass	PK	5.1428G	65.94	74.00	-8.06	3	Vertical	354	1.05
5190MHz	Pass	PK	5.1948G	109.32	Inf	-Inf	3	Vertical	354	1.05
5190MHz	Pass	AV	5.146G	52.69	54.00	-1.31	3	Horizontal	66	2.36
5190MHz	Pass	AV	5.196G	101.67	Inf	-Inf	3	Horizontal	66	2.36
5190MHz	Pass	PK	5.1424G	67.71	74.00	-6.29	3	Horizontal	66	2.36
5190MHz	Pass	PK	5.1956G	113.17	Inf	-Inf	3	Horizontal	66	2.36
5190MHz	Pass	PK	10.3896G	54.88	68.20	-13.32	3	Vertical	315	1.50
5190MHz	Pass	PK	10.38996G	54.10	68.20	-14.10	3	Horizontal	148	1.57
5230MHz	Pass	AV	5.1488G	47.23	54.00	-6.77	3	Vertical	52	1.35
5230MHz	Pass	AV	5.228G	100.64	Inf	-Inf	3	Vertical	52	1.35
5230MHz	Pass	PK	5.1492G	58.91	74.00	-15.09	3	Vertical	52	1.35
5230MHz	Pass	PK	5.2276G	111.75	Inf	-Inf	3	Vertical	52	1.35
5230MHz	Pass	AV	5.144G	47.53	54.00	-6.47	3	Horizontal	61	2.14
5230MHz	Pass	AV	5.2336G	103.72	Inf	-Inf	3	Horizontal	61	2.14
5230MHz	Pass	PK	5.1456G	59.76	74.00	-14.24	3	Horizontal	61	2.14
5230MHz	Pass	PK	5.2352G	114.81	Inf	-Inf	3	Horizontal	61	2.14
5230MHz	Pass	PK	10.45604G	53.81	68.20	-14.39	3	Vertical	198	1.50
5230MHz	Pass	PK	10.46408G	54.19	68.20	-14.01	3	Horizontal	256	1.38
5755MHz	Pass	AV	5.7514G	102.52	Inf	-Inf	3	Vertical	16	1.50
5755MHz	Pass	PK	5.5678G	56.77	68.20	-11.43	3	Vertical	16	1.50
5755MHz	Pass	PK	5.7514G	112.69	Inf	-Inf	3	Vertical	16	1.50
5755MHz	Pass	PK	6.0142G	58.02	68.20	-10.18	3	Vertical	16	1.50
5755MHz	Pass	AV	5.7538G	102.37	Inf	-Inf	3	Horizontal	66	3.00
5755MHz	Pass	PK	5.5342G	57.19	68.20	-11.01	3	Horizontal	66	3.00
5755MHz	Pass	PK	5.7562G	112.59	Inf	-Inf	3	Horizontal	66	3.00
5755MHz	Pass	PK	5.9362G	58.17	68.20	-10.03	3	Horizontal	66	3.00
5755MHz	Pass	AV	11.48828G	42.62	54.00	-11.38	3	Vertical	308	1.53
5755MHz	Pass	PK	11.48864G	54.48	74.00	-19.52	3	Vertical	308	1.53
5755MHz	Pass	AV	11.50184G	42.60	54.00	-11.40	3	Horizontal	308	1.21
5755MHz	Pass	PK	11.49164G	54.45	74.00	-19.55	3	Horizontal	308	1.21
5795MHz	Pass	AV	5.7938G	102.75	Inf	-Inf	3	Vertical	21	1.44
5795MHz	Pass	PK	5.495G	57.51	68.20	-10.69	3	Vertical	21	1.44
5795MHz	Pass	PK	5.7926G	112.93	Inf	-Inf	3	Vertical	21	1.44
5795MHz	Pass	PK	5.9378G	58.41	68.20	-9.79	3	Vertical	21	1.44
5795MHz	Pass	AV	5.7986G	103.22	Inf	-Inf	3	Horizontal	83	2.94
5795MHz	Pass	PK	5.621G	57.45	68.20	-10.75	3	Horizontal	83	2.94
5795MHz	Pass	PK	5.789G	113.33	Inf	-Inf	3	Horizontal	83	2.94
5795MHz	Pass	PK	5.9306G	58.71	68.20	-9.49	3	Horizontal	83	2.94
5795MHz	Pass	AV	11.56852G	42.33	54.00	-11.67	3	Vertical	246	1.50
5795MHz	Pass	PK	11.56144G	54.49	74.00	-19.51	3	Vertical	246	1.50



RSE TX above 1GHz_C-330_Radio 3

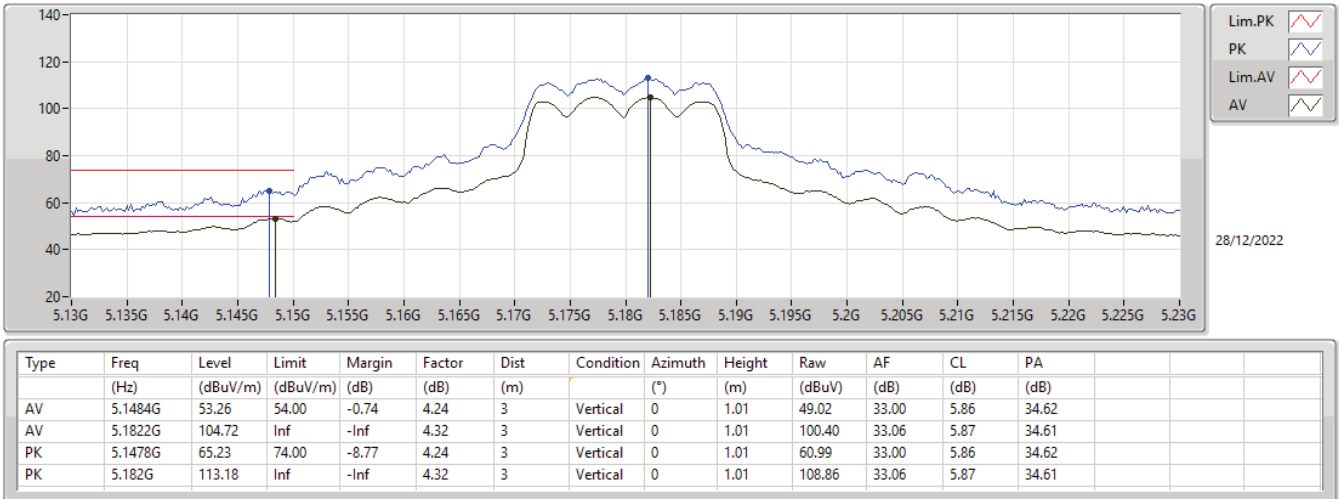
Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	AV	11.5606G	42.29	54.00	-11.71	3	Horizontal	116	1.50
5795MHz	Pass	PK	11.60212G	54.70	74.00	-19.30	3	Horizontal	116	1.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.147G	53.09	54.00	-0.91	3	Vertical	0	2.41
5210MHz	Pass	AV	5.208G	95.55	Inf	-Inf	3	Vertical	0	2.41
5210MHz	Pass	AV	5.433G	45.10	54.00	-8.90	3	Vertical	0	2.41
5210MHz	Pass	PK	5.148G	64.48	74.00	-9.52	3	Vertical	0	2.41
5210MHz	Pass	PK	5.188G	105.39	Inf	-Inf	3	Vertical	0	2.41
5210MHz	Pass	PK	5.456G	56.66	74.00	-17.34	3	Vertical	0	2.41
5210MHz	Pass	AV	5.144G	53.58	54.00	-0.42	3	Horizontal	71	2.24
5210MHz	Pass	AV	5.215G	98.29	Inf	-Inf	3	Horizontal	71	2.24
5210MHz	Pass	AV	5.354G	45.62	54.00	-8.38	3	Horizontal	71	2.24
5210MHz	Pass	PK	5.146G	65.22	74.00	-8.78	3	Horizontal	71	2.24
5210MHz	Pass	PK	5.214G	109.33	Inf	-Inf	3	Horizontal	71	2.24
5210MHz	Pass	PK	5.353G	56.83	74.00	-17.17	3	Horizontal	71	2.24
5210MHz	Pass	PK	10.45864G	54.03	68.20	-14.17	3	Vertical	261	2.59
5210MHz	Pass	PK	10.41784G	54.51	68.20	-13.69	3	Horizontal	184	1.50
5775MHz	Pass	AV	5.7654G	99.57	Inf	-Inf	3	Vertical	25	2.62
5775MHz	Pass	PK	5.6454G	63.64	68.20	-4.56	3	Vertical	25	2.62
5775MHz	Pass	PK	5.7834G	110.14	Inf	-Inf	3	Vertical	25	2.62
5775MHz	Pass	PK	5.943G	61.18	68.20	-7.02	3	Vertical	25	2.62
5775MHz	Pass	AV	5.7798G	100.53	Inf	-Inf	3	Horizontal	78	2.07
5775MHz	Pass	PK	5.6502G	65.63	68.35	-2.72	3	Horizontal	78	2.07
5775MHz	Pass	PK	5.781G	111.63	Inf	-Inf	3	Horizontal	78	2.07
5775MHz	Pass	PK	5.9574G	59.07	68.20	-9.13	3	Horizontal	78	2.07
5775MHz	Pass	AV	11.49096G	42.70	54.00	-11.30	3	Vertical	40	1.50
5775MHz	Pass	PK	11.52936G	54.27	74.00	-19.73	3	Vertical	40	1.50
5775MHz	Pass	AV	11.49792G	42.59	54.00	-11.41	3	Horizontal	156	1.50
5775MHz	Pass	PK	11.50848G	54.21	74.00	-19.79	3	Horizontal	156	1.50



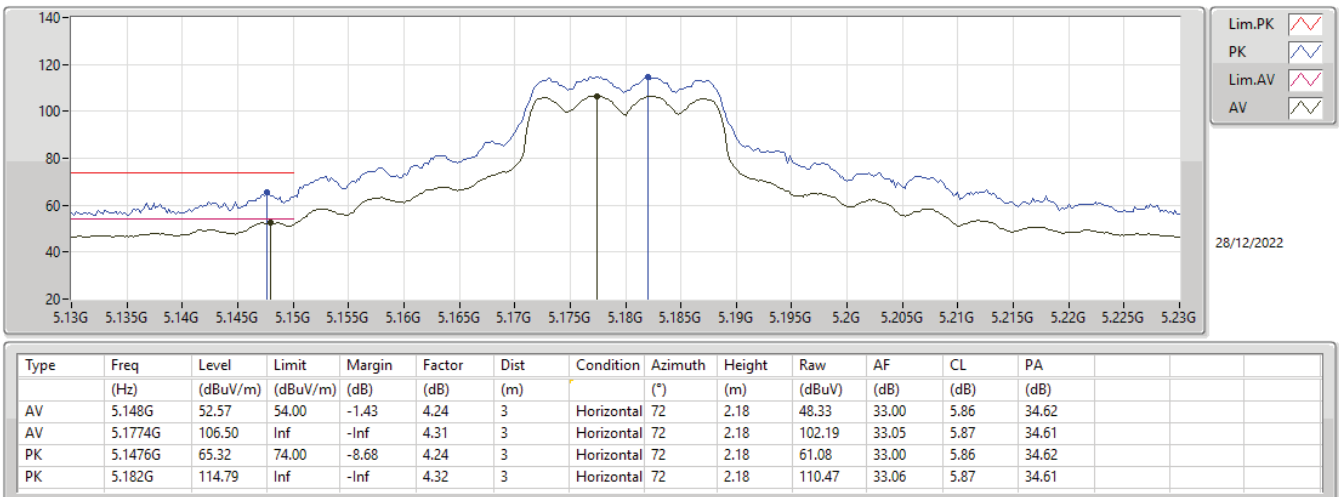
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5180MHz_TX



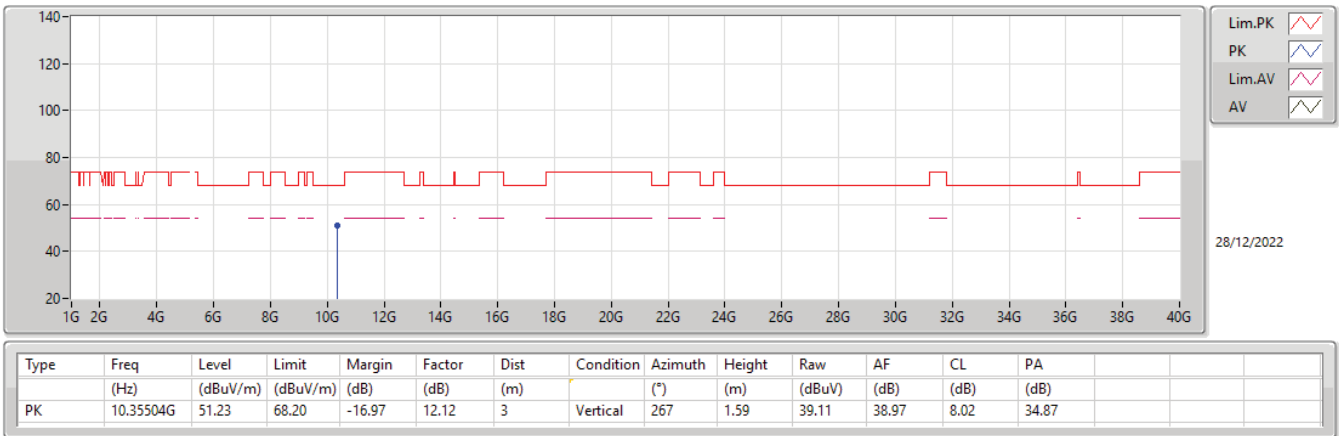
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5180MHz_TX



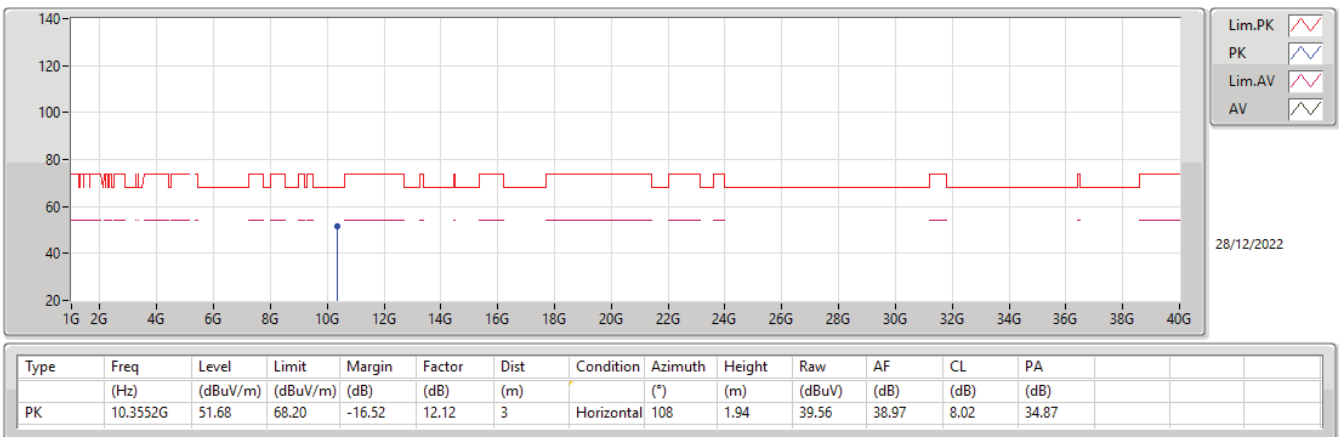
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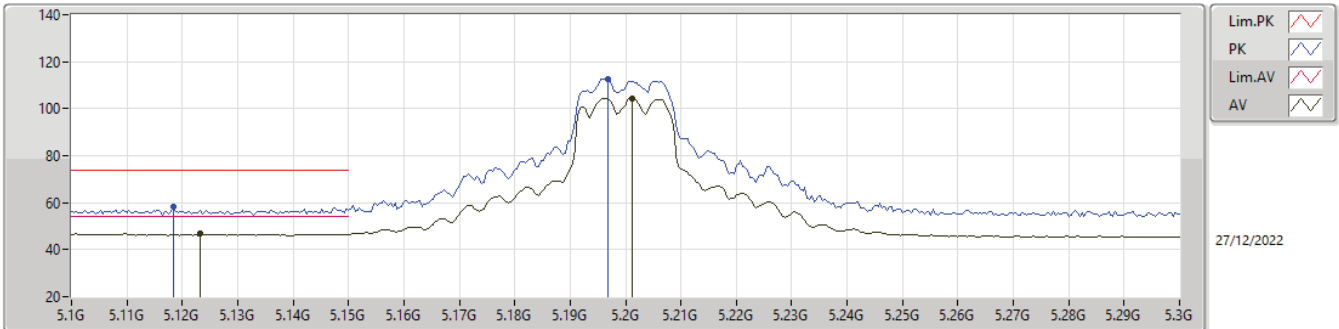
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5180MHz_TX



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

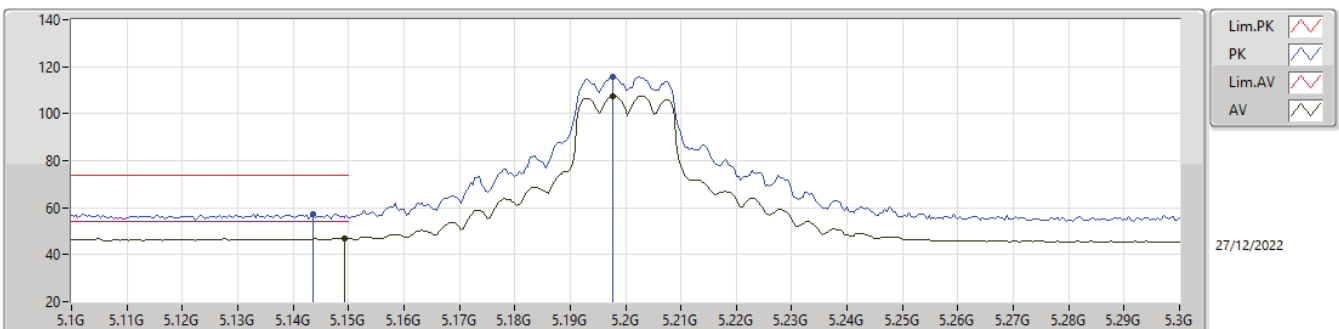
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1232G	46.66	54.00	-7.34	4.23	3	Vertical	336	1.04	42.43	33.00	5.85	34.62
AV	5.2012G	104.41	Inf	-Inf	4.37	3	Vertical	336	1.04	100.04	33.10	5.88	34.61
PK	5.1184G	58.34	74.00	-15.66	4.22	3	Vertical	336	1.04	54.12	33.00	5.84	34.62
PK	5.1968G	112.63	Inf	-Inf	4.36	3	Vertical	336	1.04	108.27	33.09	5.88	34.61

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

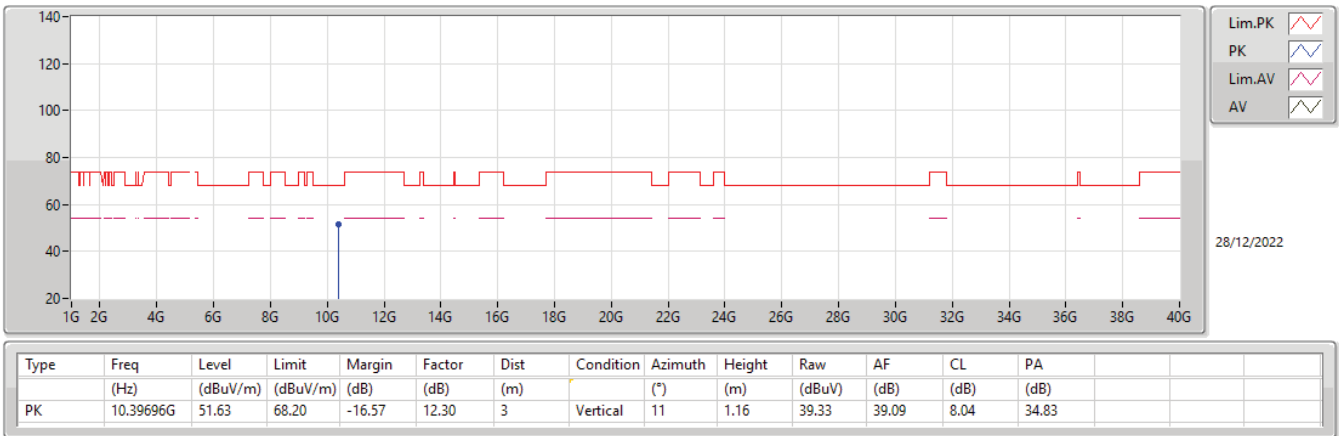


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	46.93	54.00	-7.07	4.24	3	Horizontal	53	2.35	42.69	33.00	5.86	34.62
AV	5.1976G	107.55	Inf	-Inf	4.37	3	Horizontal	53	2.35	103.18	33.10	5.88	34.61
PK	5.1436G	57.48	74.00	-16.52	4.23	3	Horizontal	53	2.35	53.25	33.00	5.85	34.62
PK	5.1976G	115.78	Inf	-Inf	4.37	3	Horizontal	53	2.35	111.41	33.10	5.88	34.61



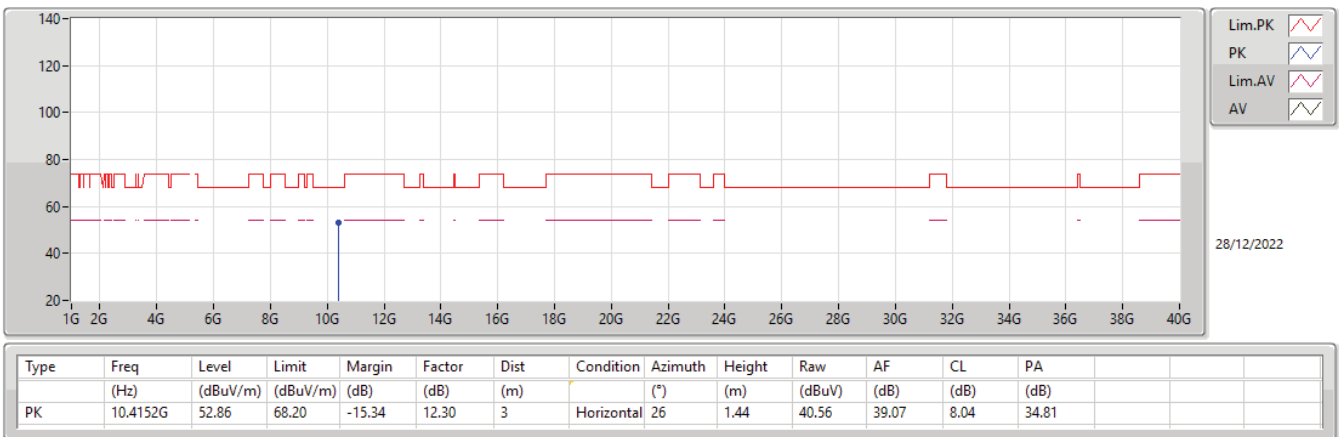
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5200MHz_TX



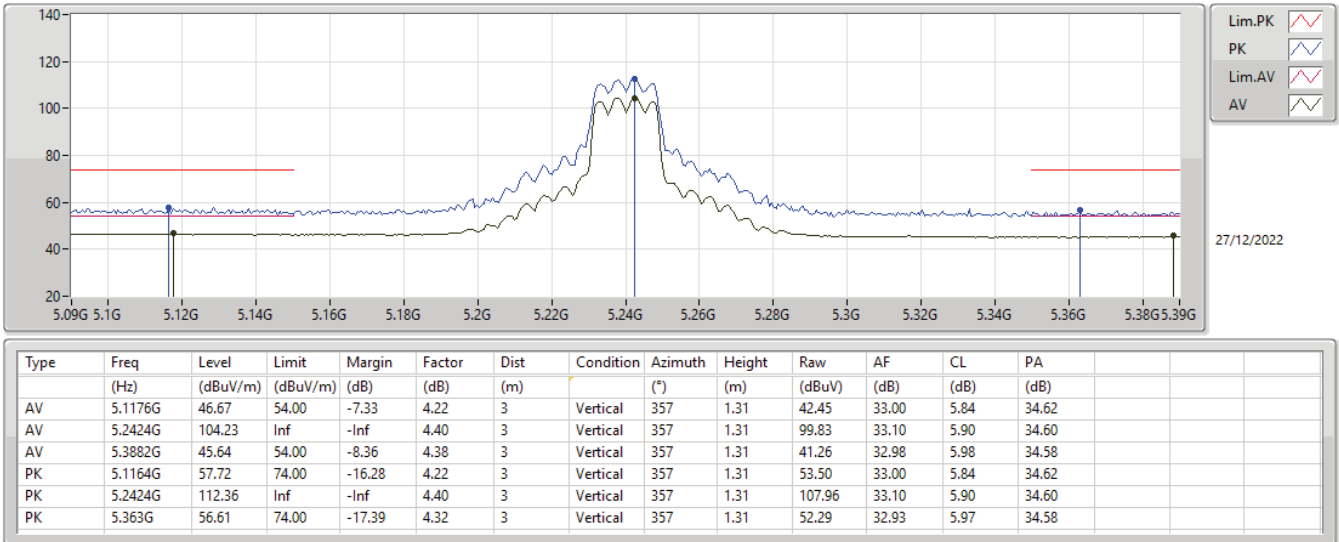
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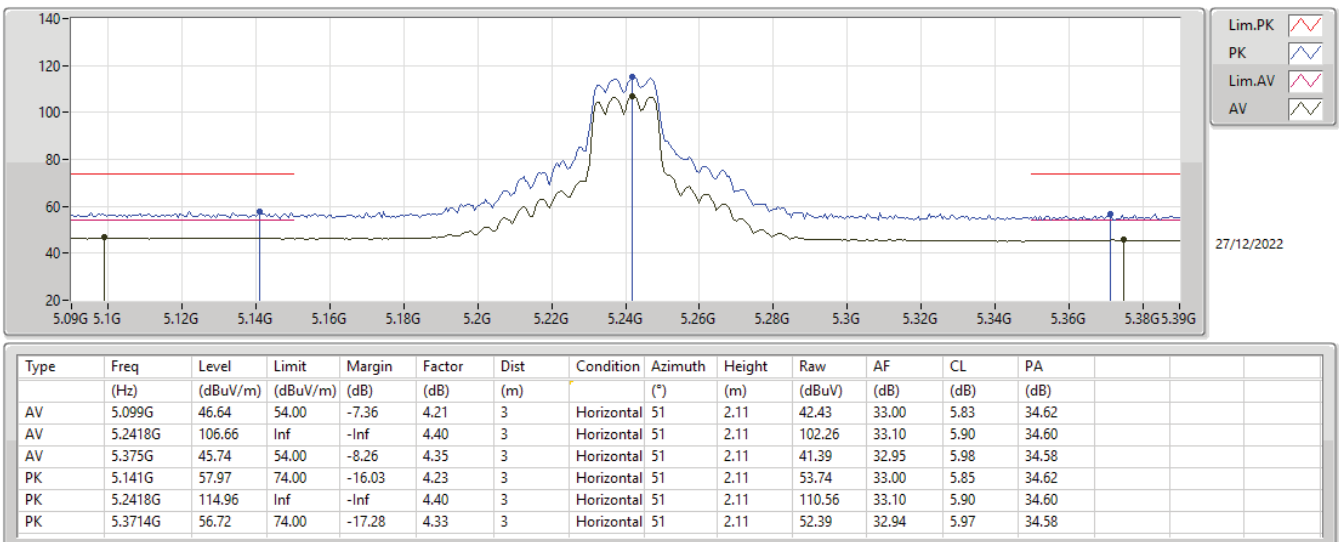
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5240MHz_TX



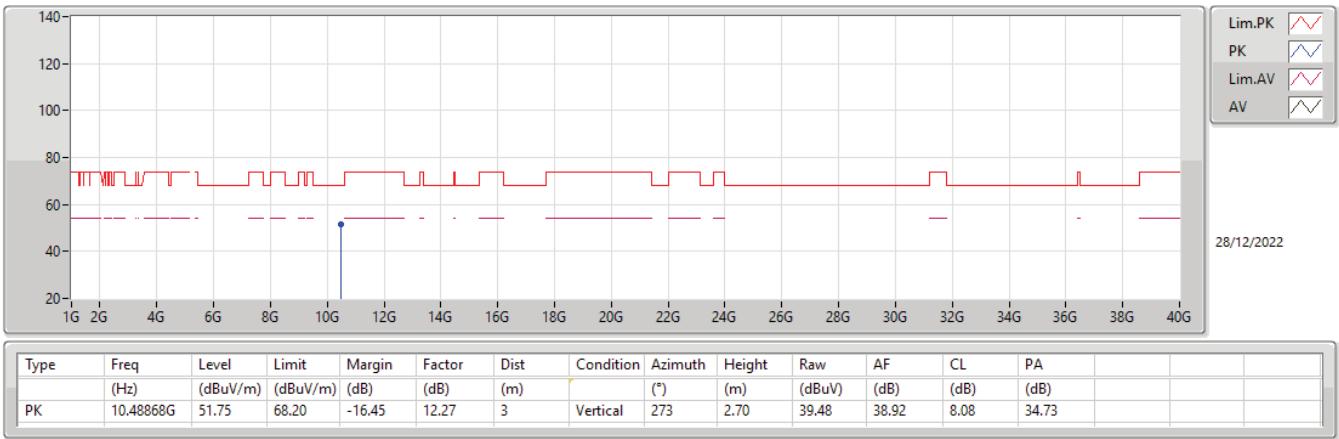
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5240MHz_TX



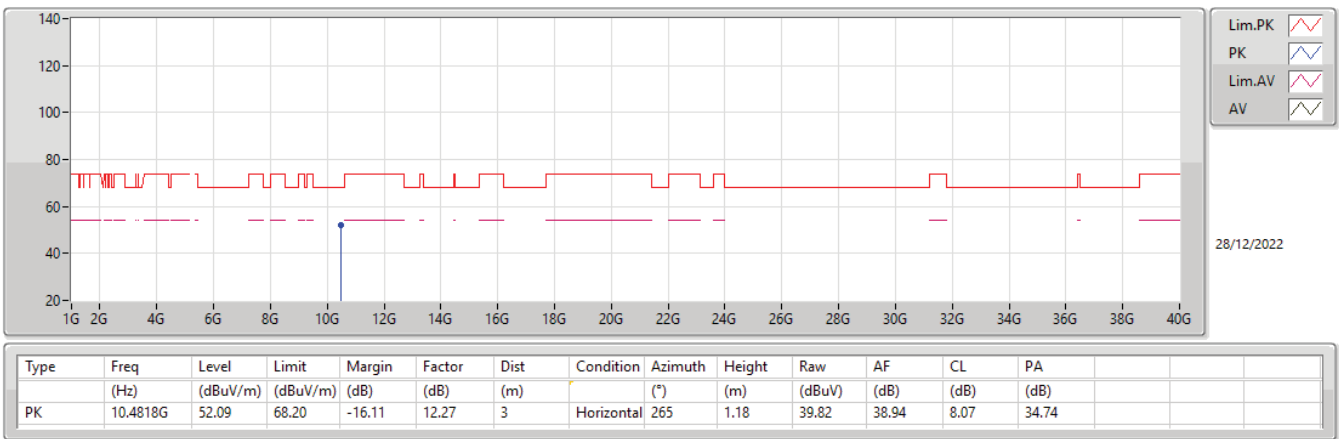
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5240MHz_TX



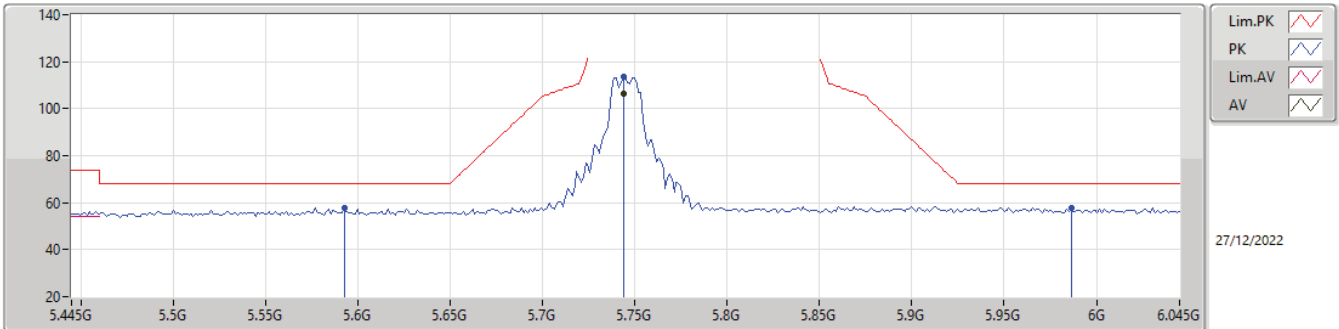
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5240MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

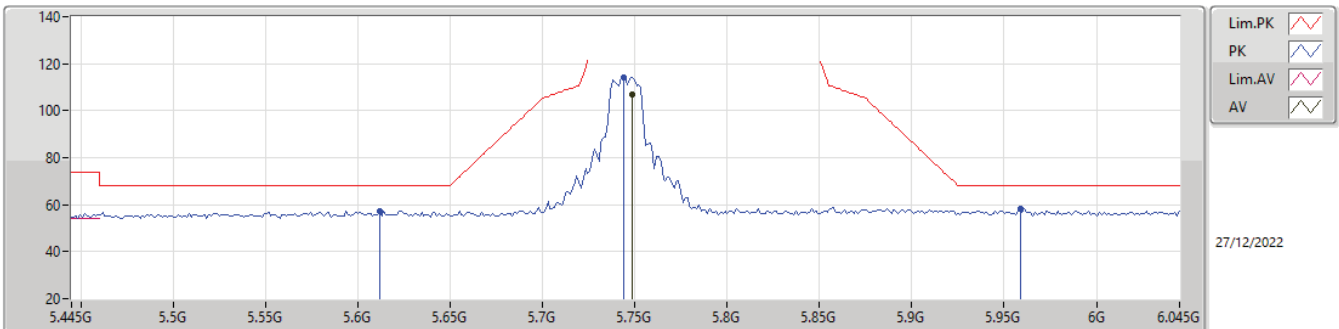
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)	(*)	(m)	(dBuV)	(dB)	(dB)	(dB)	(dB)
AV	5.7438G	106.54	Inf	-Inf	5.28	3	Vertical	3	2.54	101.26	33.66	6.16	34.54
PK	5.5926G	57.96	68.20	-10.24	4.40	3	Vertical	3	2.54	53.56	32.89	6.06	34.55
PK	5.7438G	113.84	Inf	-Inf	5.28	3	Vertical	3	2.54	108.56	33.66	6.16	34.54
PK	5.9862G	57.97	68.20	-10.23	5.90	3	Vertical	3	2.54	52.07	34.13	6.29	34.52

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

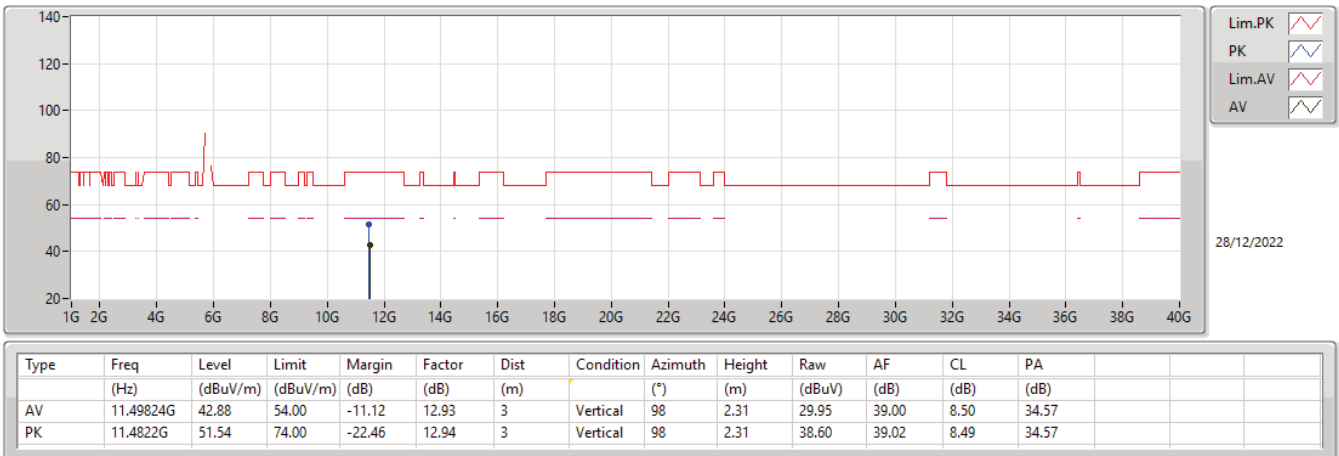
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)	(*)	(m)	(dBuV)	(dB)	(dB)	(dB)	(dB)
AV	5.7486G	106.77	Inf	-Inf	5.31	3	Horizontal	50	2.64	101.46	33.69	6.16	34.54
PK	5.6118G	57.50	68.20	-10.70	4.44	3	Horizontal	50	2.64	53.06	32.92	6.07	34.55
PK	5.7438G	114.39	Inf	-Inf	5.28	3	Horizontal	50	2.64	109.11	33.66	6.16	34.54
PK	5.9586G	58.52	68.20	-9.68	5.94	3	Horizontal	50	2.64	52.58	34.18	6.28	34.52

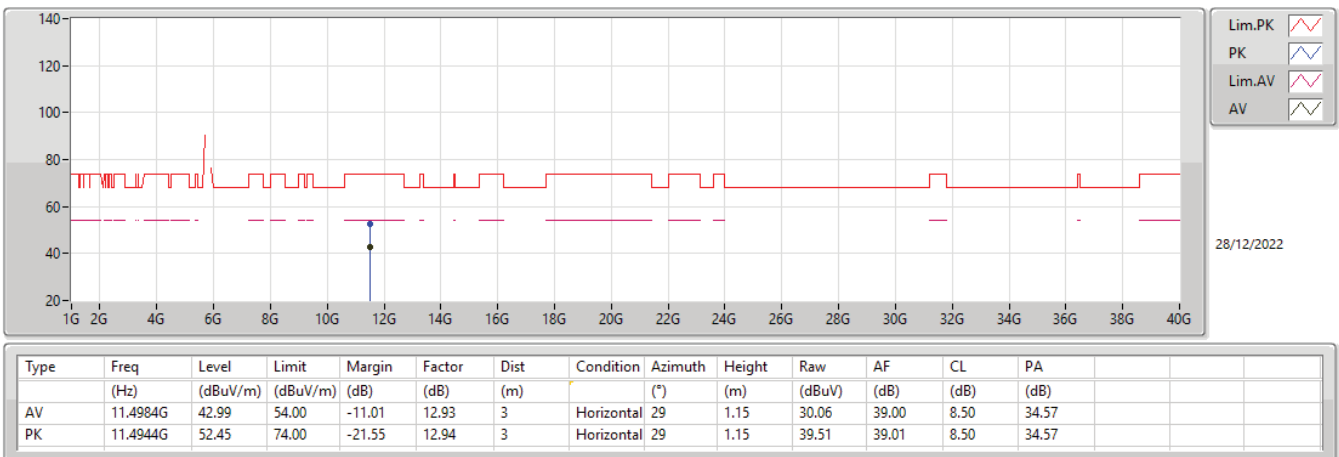
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



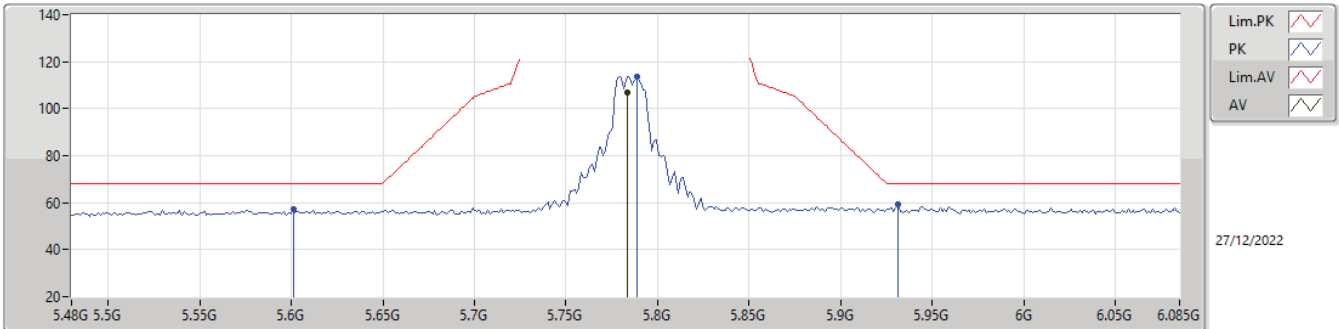
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5745MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

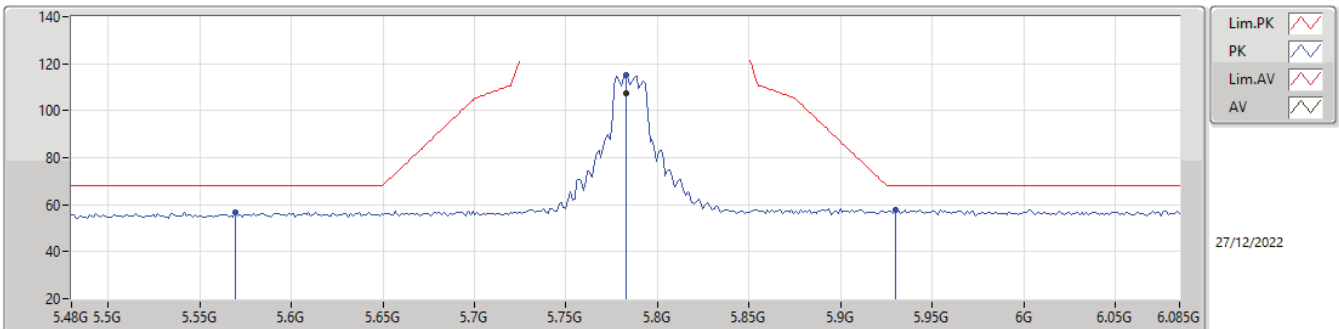
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.78371G	106.75	Inf	-Inf	5.48	3	Vertical	1	2.63	101.27	33.83	6.19	34.54
PK	5.601G	57.06	68.20	-11.14	4.41	3	Vertical	1	2.63	52.65	32.90	6.06	34.55
PK	5.78855G	113.84	Inf	-Inf	5.50	3	Vertical	1	2.63	108.34	33.85	6.19	34.54
PK	5.93133G	59.10	68.20	-9.10	5.94	3	Vertical	1	2.63	53.16	34.20	6.27	34.53

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

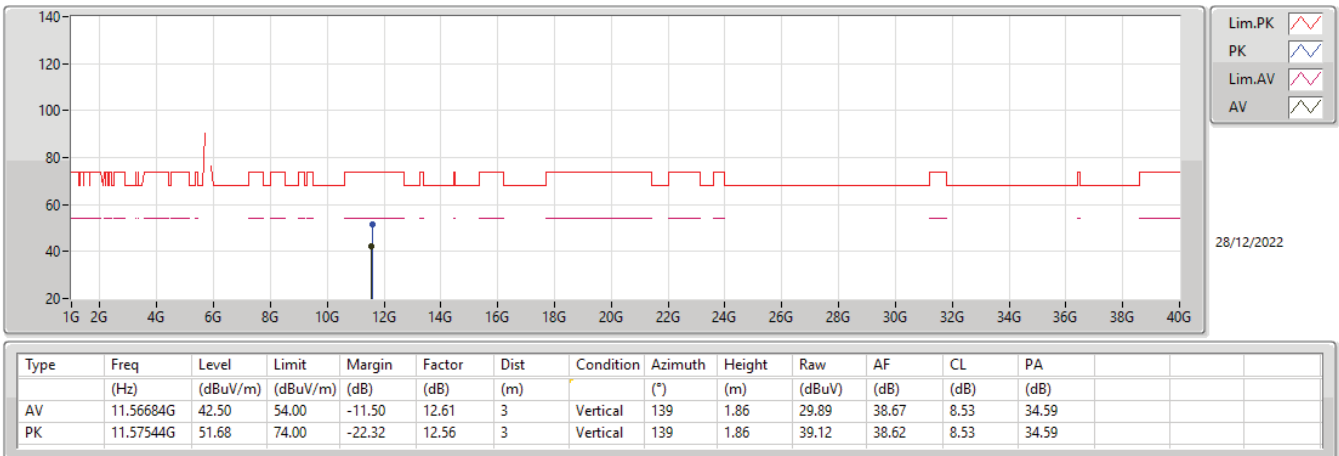
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7825G	107.67	Inf	-Inf	5.48	3	Horizontal	57	2.05	102.19	33.83	6.19	34.54
PK	5.56954G	56.89	68.20	-11.31	4.34	3	Horizontal	57	2.05	52.55	32.84	6.05	34.55
PK	5.7825G	115.15	Inf	-Inf	5.48	3	Horizontal	57	2.05	109.67	33.83	6.19	34.54
PK	5.93012G	57.89	68.20	-10.31	5.94	3	Horizontal	57	2.05	51.95	34.20	6.27	34.53

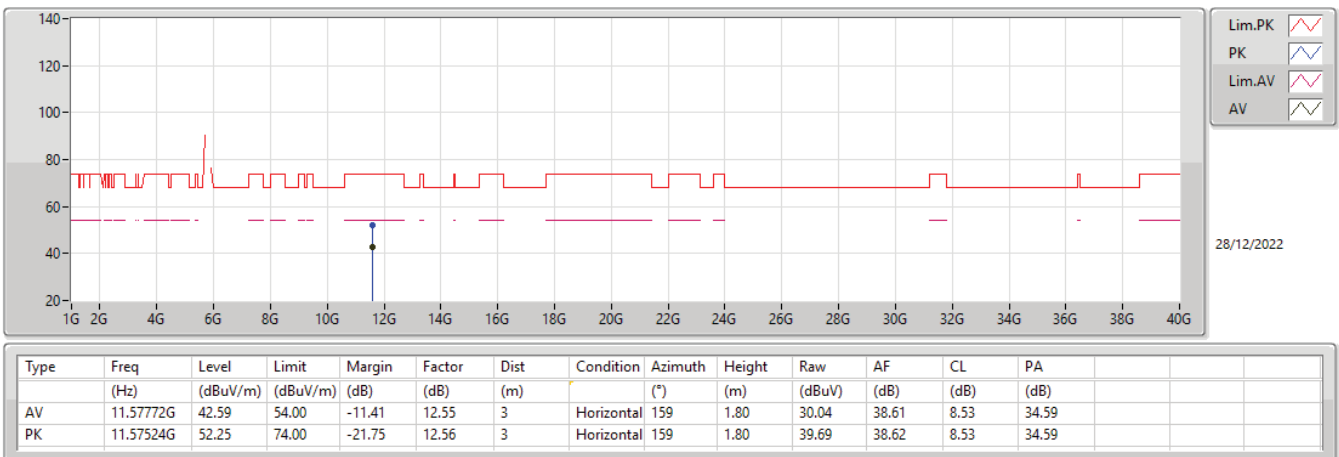
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



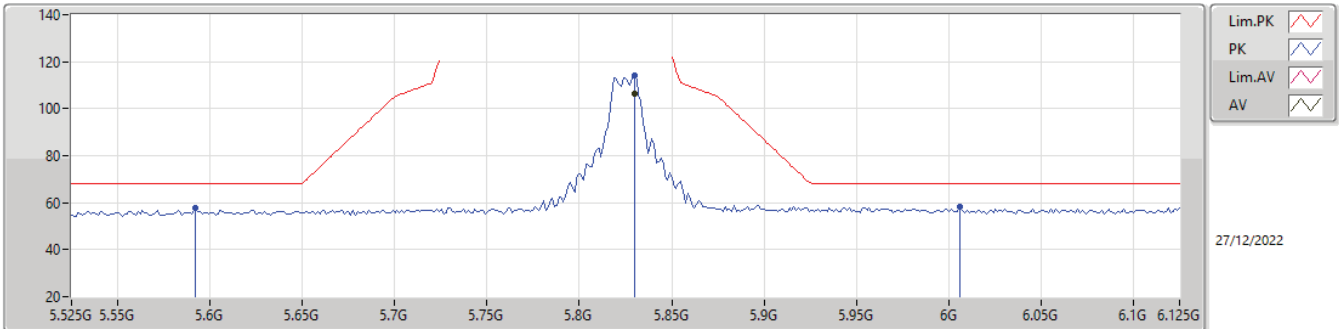
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

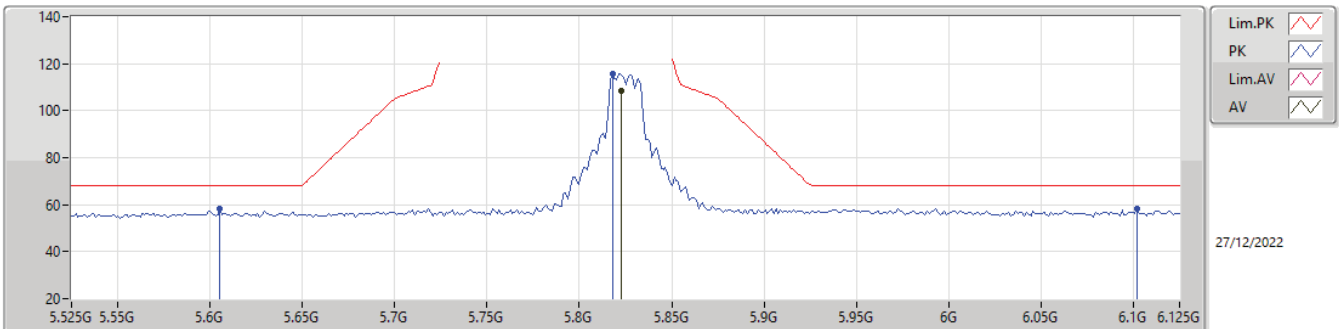
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8298G	106.48	Inf	-Inf	5.64	3	Vertical	2	2.73	100.84	33.96	6.21	34.53
PK	5.5922G	57.61	68.20	-10.59	4.39	3	Vertical	2	2.73	53.22	32.88	6.06	34.55
PK	5.8298G	113.94	Inf	-Inf	5.64	3	Vertical	2	2.73	108.30	33.96	6.21	34.53
PK	6.0062G	58.16	68.20	-10.04	5.88	3	Vertical	2	2.73	52.28	34.10	6.30	34.52

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

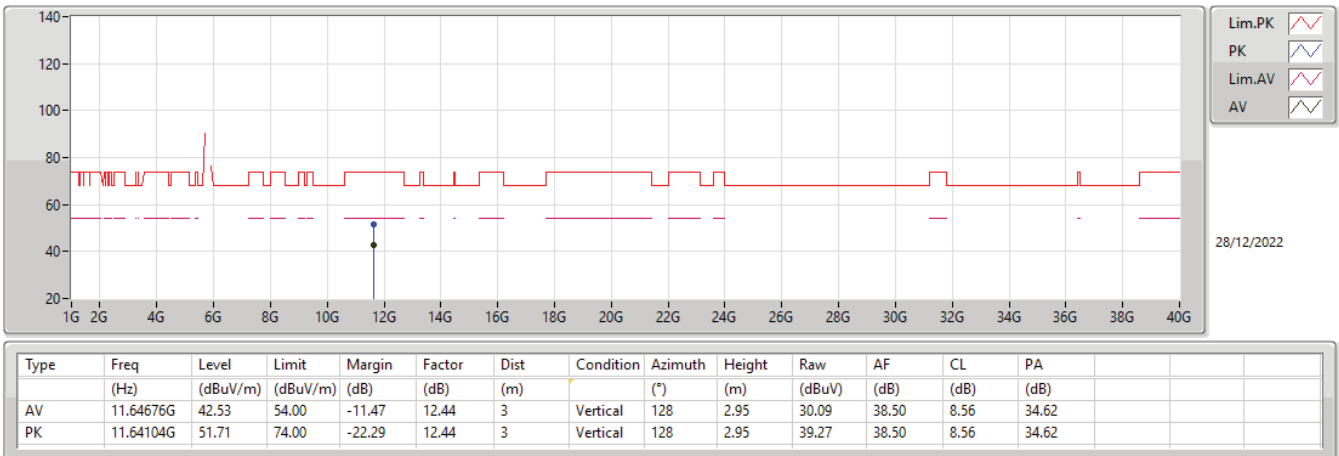
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	108.23	Inf	-Inf	5.63	3	Horizontal	54	2.13	102.60	33.95	6.21	34.53
PK	5.6054G	58.50	68.20	-9.70	4.42	3	Horizontal	54	2.13	54.08	32.91	6.06	34.55
PK	5.8178G	115.71	Inf	-Inf	5.62	3	Horizontal	54	2.13	110.09	33.94	6.21	34.53
PK	6.1022G	58.35	68.20	-9.85	5.91	3	Horizontal	54	2.13	52.44	34.10	6.32	34.51

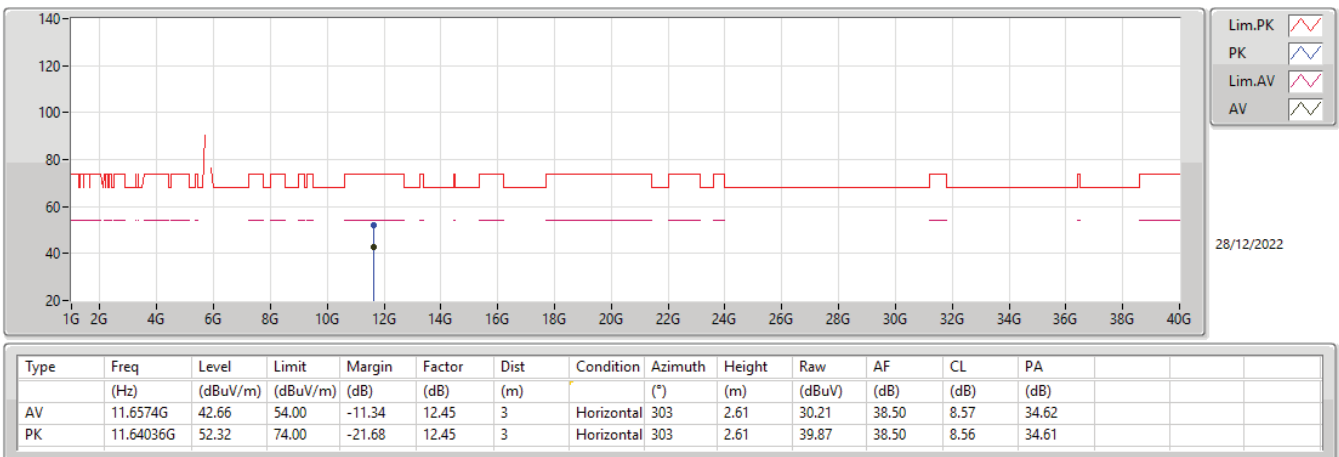
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



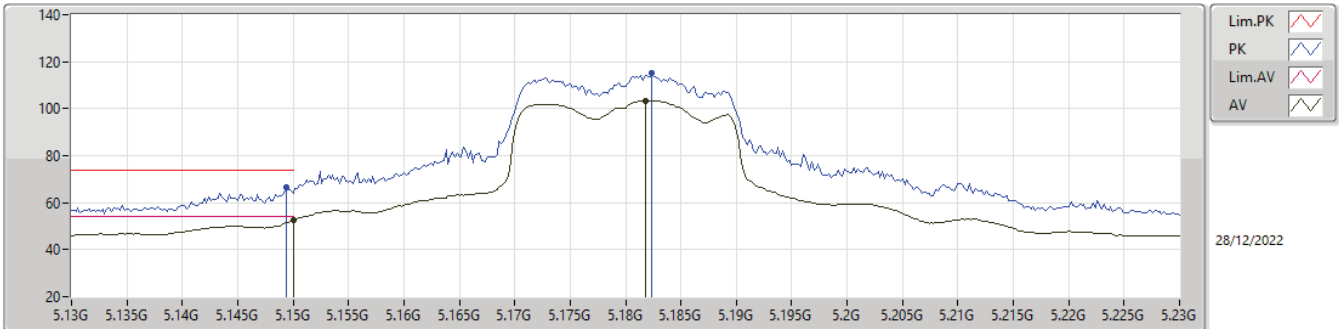
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

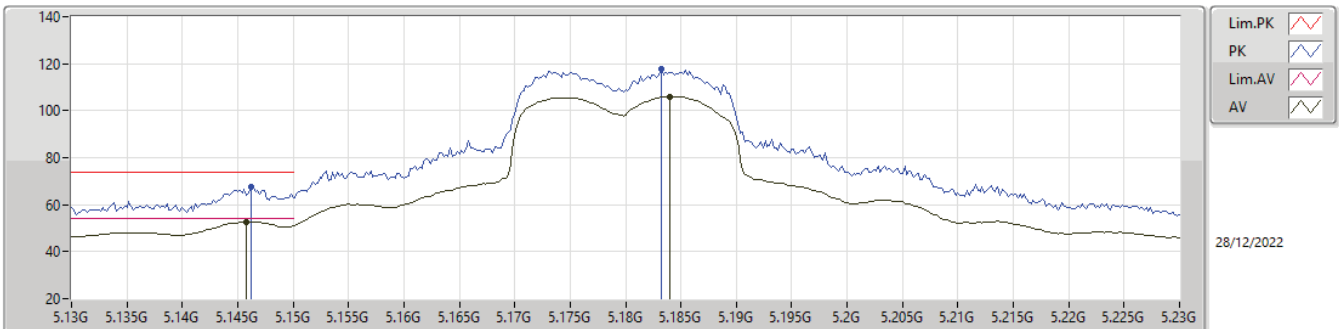
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.42	54.00	-1.58	4.24	3	Vertical	356	1.00	48.18	33.00	5.86	34.62
AV	5.1818G	103.48	Inf	-Inf	4.32	3	Vertical	356	1.00	99.16	33.06	5.87	34.61
PK	5.1494G	66.65	74.00	-7.35	4.24	3	Vertical	356	1.00	62.41	33.00	5.86	34.62
PK	5.1824G	114.98	Inf	-Inf	4.32	3	Vertical	356	1.00	110.66	33.06	5.87	34.61

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

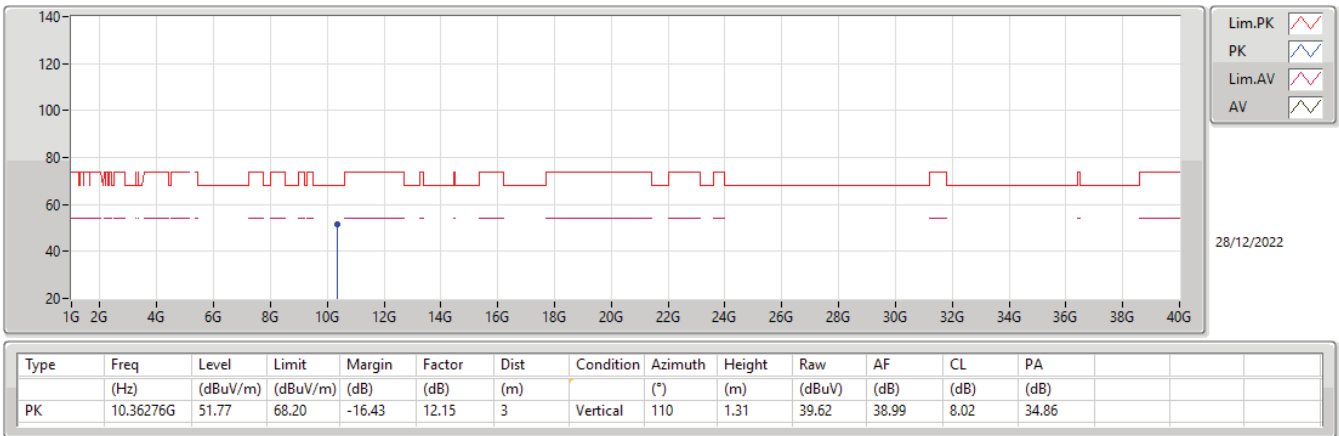
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1458G	52.82	54.00	-1.18	4.24	3	Horizontal	72	2.14	48.58	33.00	5.86	34.62
AV	5.184G	106.04	Inf	-Inf	4.33	3	Horizontal	72	2.14	101.71	33.07	5.87	34.61
PK	5.1462G	67.50	74.00	-6.50	4.24	3	Horizontal	72	2.14	63.26	33.00	5.86	34.62
PK	5.1832G	117.54	Inf	-Inf	4.33	3	Horizontal	72	2.14	113.21	33.07	5.87	34.61

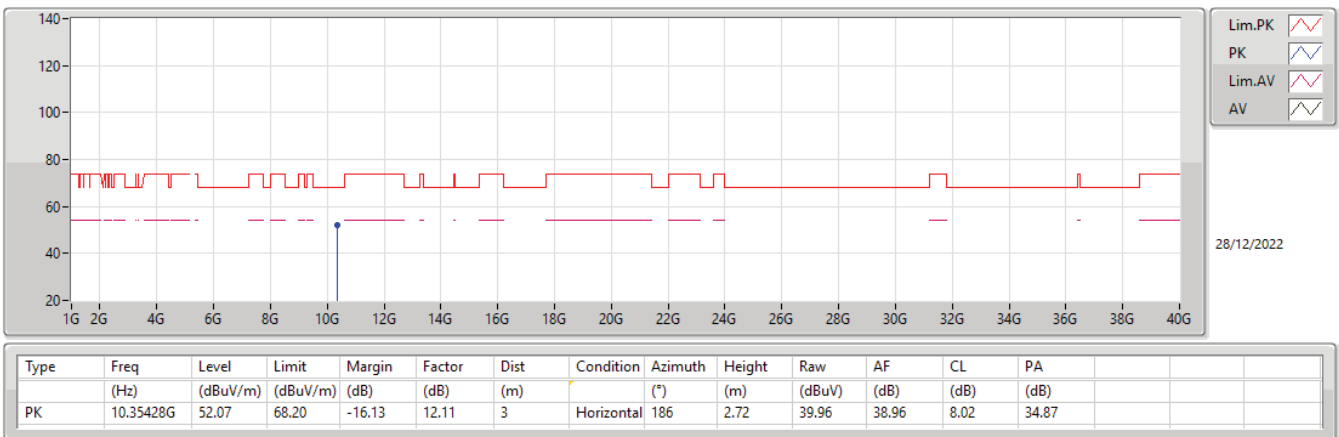
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



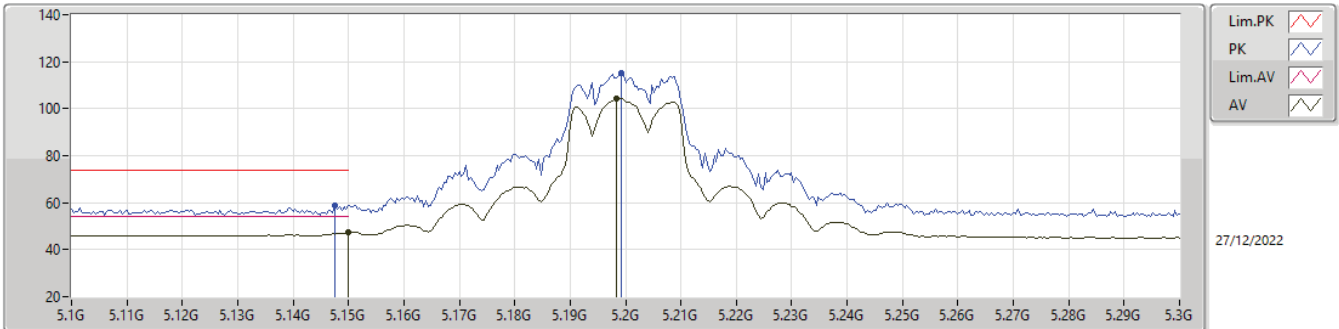
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX



5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

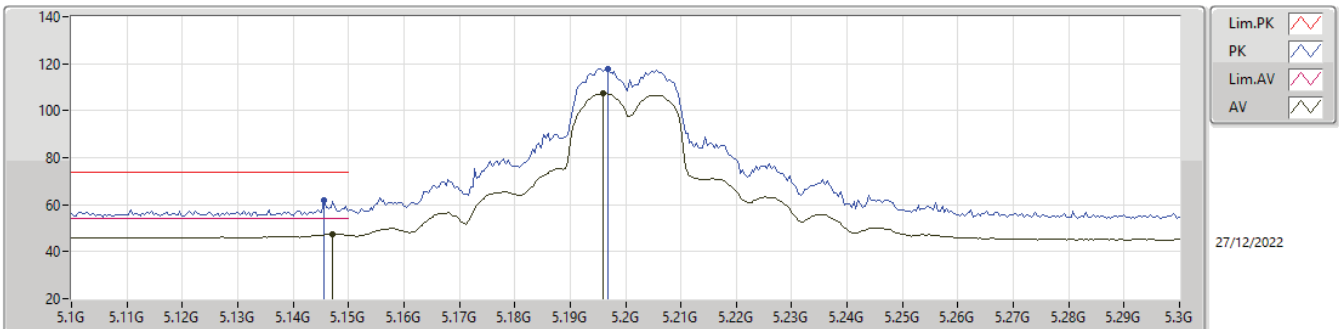
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	47.33	54.00	-6.67	4.24	3	Vertical	343	2.54	43.09	33.00	5.86	34.62
AV	5.1984G	104.10	Inf	-Inf	4.37	3	Vertical	343	2.54	99.73	33.10	5.88	34.61
PK	5.1476G	58.91	74.00	-15.09	4.24	3	Vertical	343	2.54	54.67	33.00	5.86	34.62
PK	5.1992G	115.37	Inf	-Inf	4.37	3	Vertical	343	2.54	111.00	33.10	5.88	34.61

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

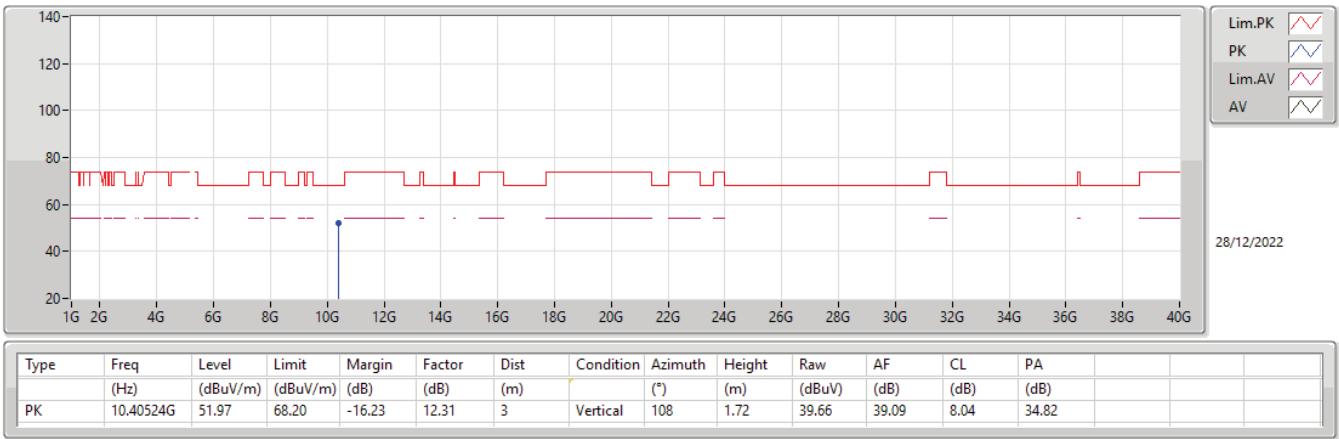
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	47.37	54.00	-6.63	4.24	3	Horizontal	53	2.36	43.13	33.00	5.86	34.62
AV	5.196G	107.27	Inf	-Inf	4.36	3	Horizontal	53	2.36	102.91	33.09	5.88	34.61
PK	5.1456G	61.95	74.00	-12.05	4.24	3	Horizontal	53	2.36	57.71	33.00	5.86	34.62
PK	5.1968G	117.68	Inf	-Inf	4.36	3	Horizontal	53	2.36	113.32	33.09	5.88	34.61

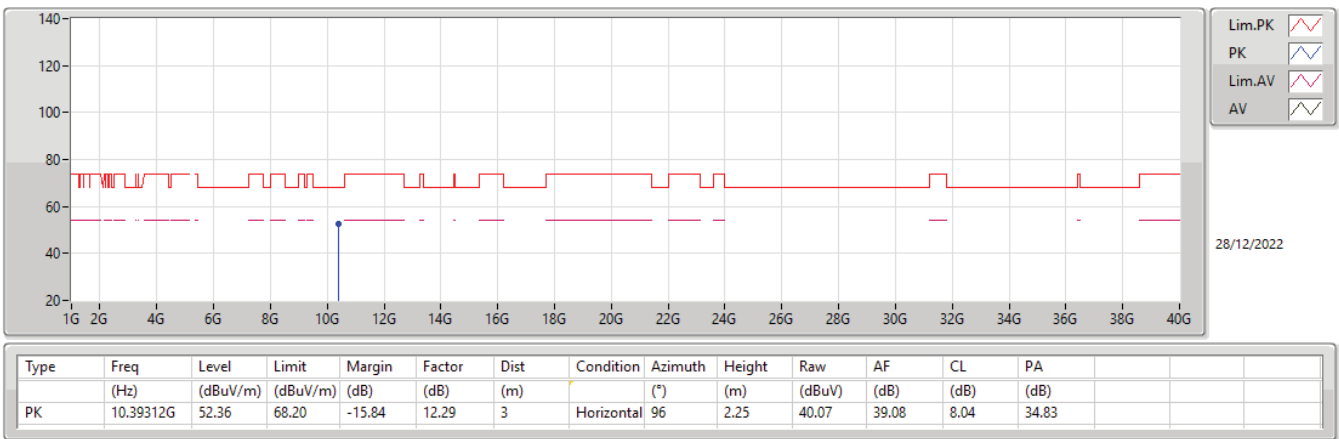
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



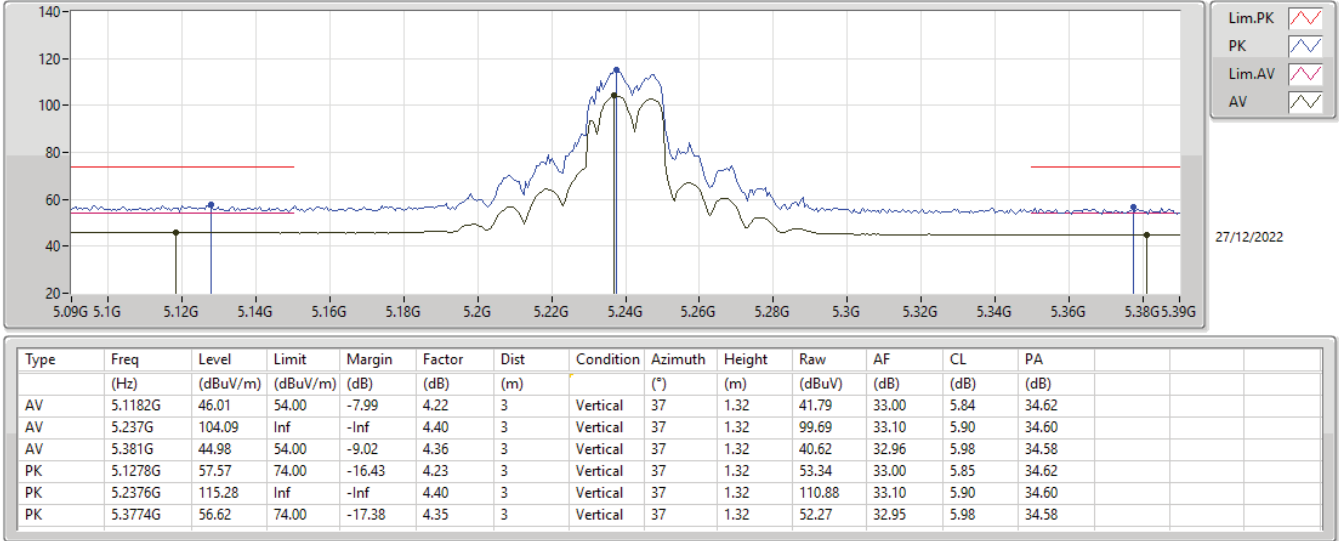
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX



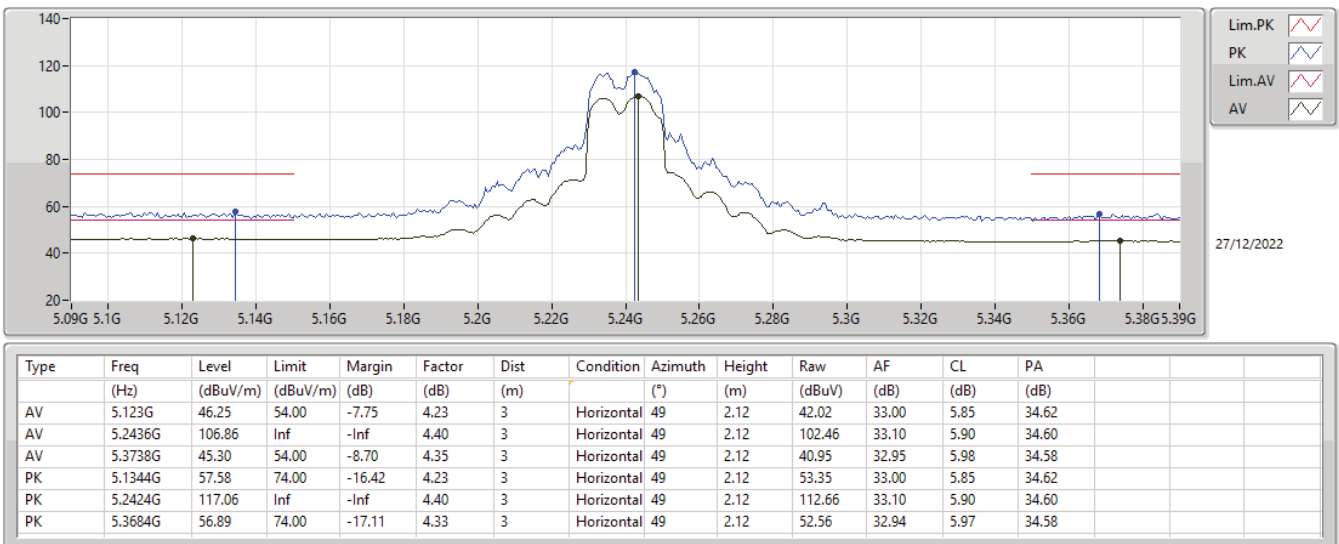
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



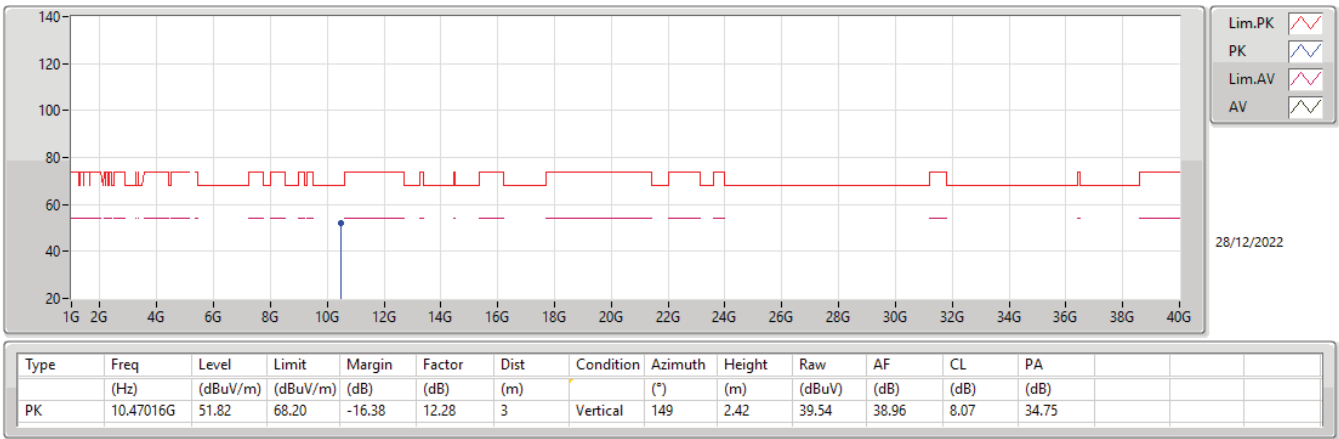
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



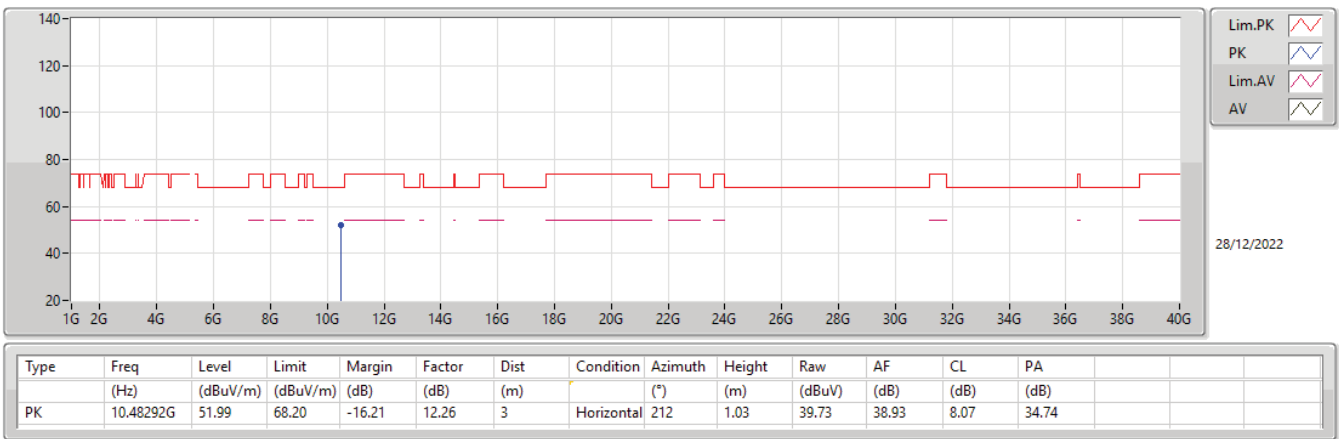
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



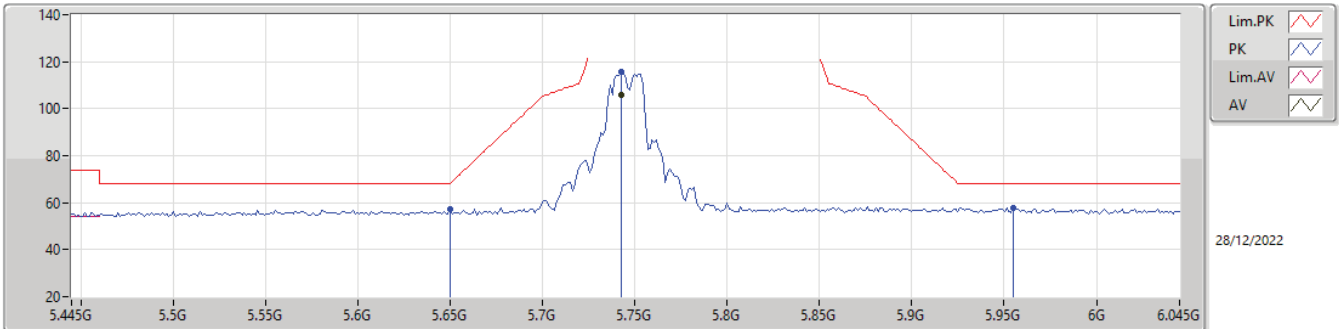
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

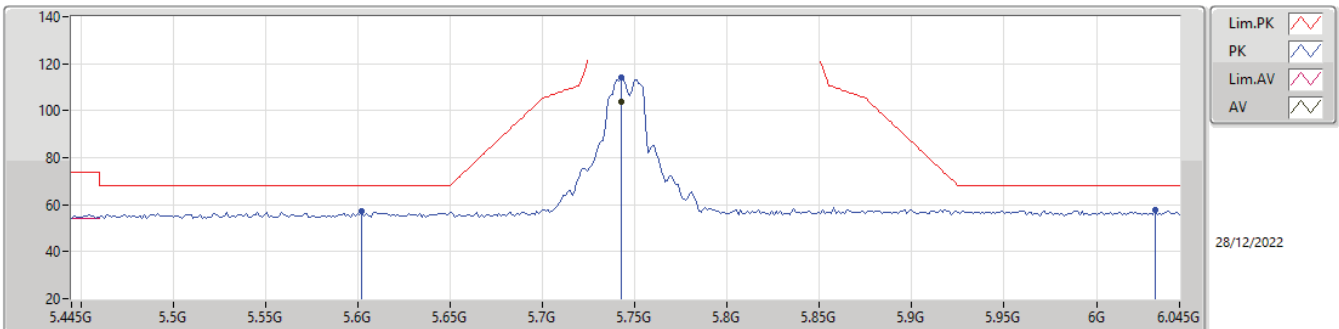
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	105.70	Inf	-Inf	5.28	3	Vertical	16	1.49	100.42	33.66	6.16	34.54
PK	5.6502G	57.32	68.35	-11.03	4.55	3	Vertical	16	1.49	52.77	33.00	6.10	34.55
PK	5.7426G	115.83	Inf	-Inf	5.28	3	Vertical	16	1.49	110.55	33.66	6.16	34.54
PK	5.9555G	57.85	68.20	-10.35	5.95	3	Vertical	16	1.49	51.90	34.19	6.28	34.52

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

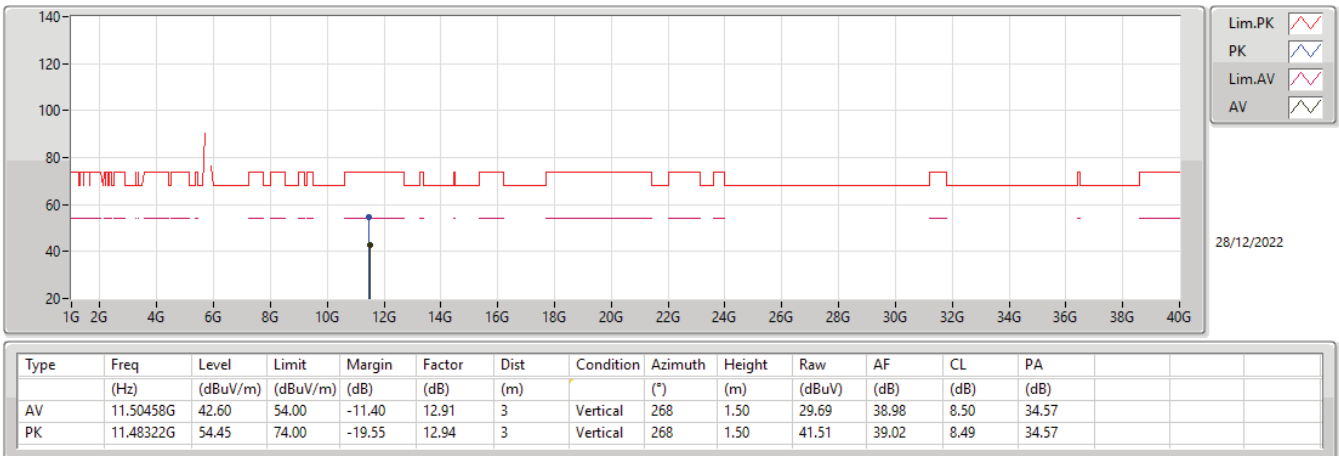
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	104.02	Inf	-Inf	5.28	3	Horizontal	55	1.66	98.74	33.66	6.16	34.54
PK	5.6022G	57.11	68.20	-11.09	4.41	3	Horizontal	55	1.66	52.70	32.90	6.06	34.55
PK	5.7426G	113.97	Inf	-Inf	5.28	3	Horizontal	55	1.66	108.69	33.66	6.16	34.54
PK	6.0318G	57.57	68.20	-10.63	5.89	3	Horizontal	55	1.66	51.68	34.10	6.31	34.52

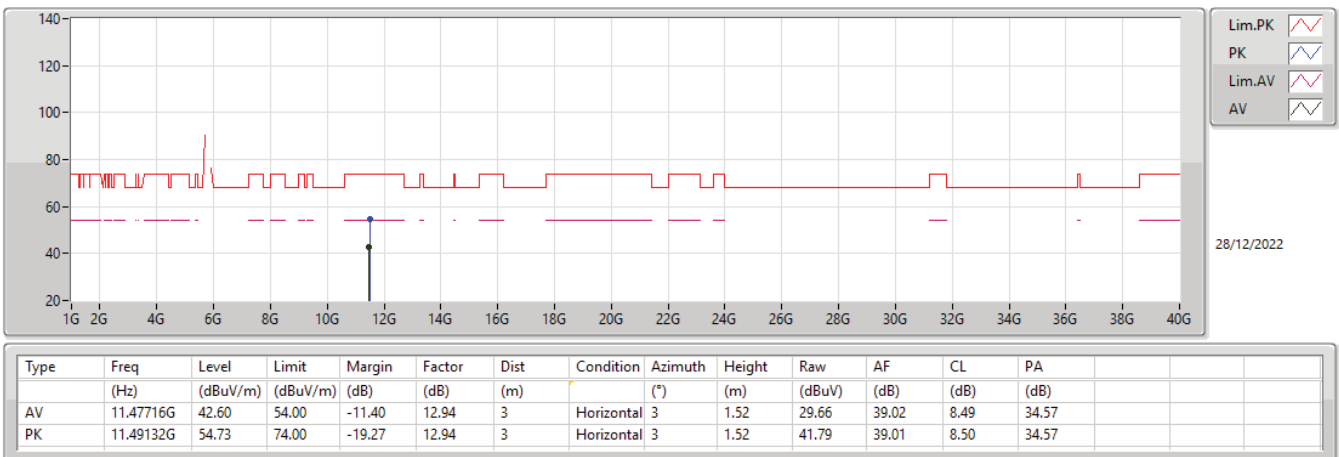
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



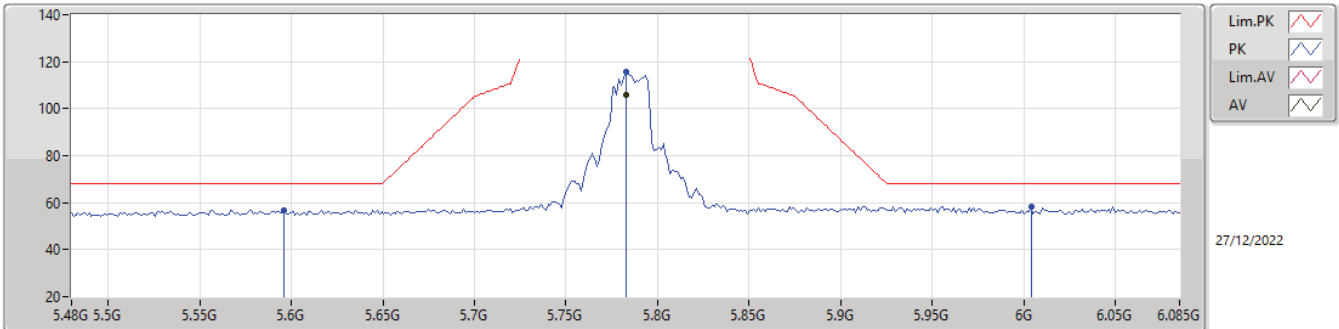
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

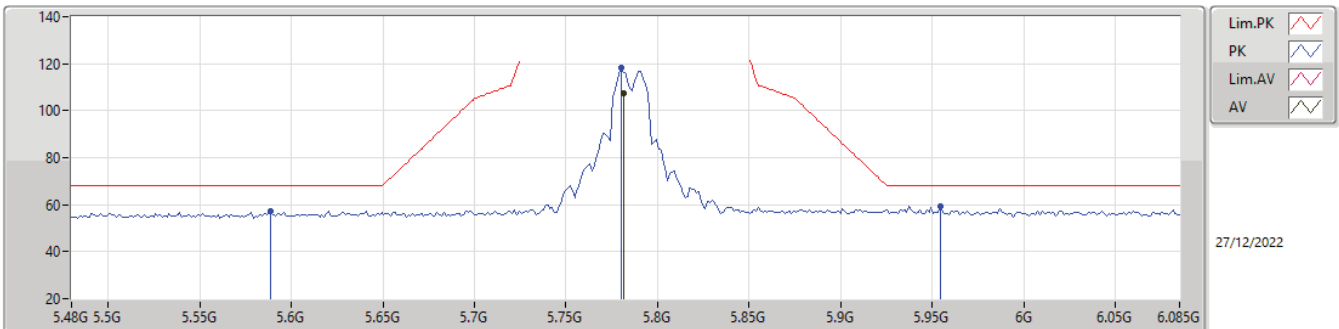
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7825G	105.93	Inf	-Inf	5.48	3	Vertical	19	1.47	100.45	33.83	6.19	34.54
PK	5.59616G	56.83	68.20	-11.37	4.40	3	Vertical	19	1.47	52.43	32.89	6.06	34.55
PK	5.7825G	115.93	Inf	-Inf	5.48	3	Vertical	19	1.47	110.45	33.83	6.19	34.54
PK	6.00393G	58.52	68.20	-9.68	5.88	3	Vertical	19	1.47	52.64	34.10	6.30	34.52

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

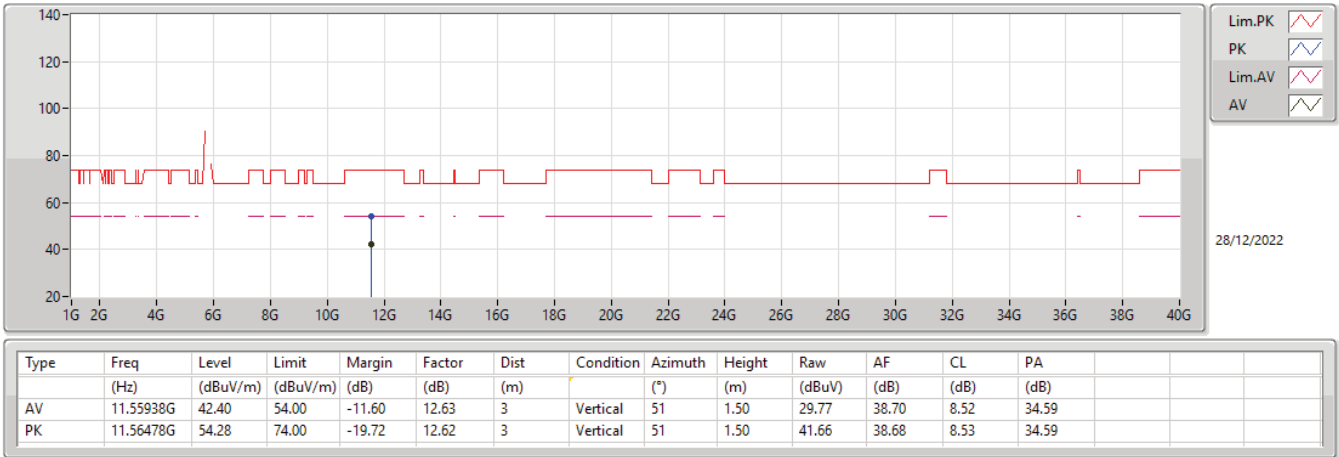
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.78129G	107.21	Inf	-Inf	5.48	3	Horizontal	75	2.07	101.73	33.83	6.19	34.54
PK	5.5889G	57.33	68.20	-10.87	4.39	3	Horizontal	75	2.07	52.94	32.88	6.06	34.55
PK	5.78008G	118.05	Inf	-Inf	5.47	3	Horizontal	75	2.07	112.58	33.82	6.19	34.54
PK	5.95432G	59.21	68.20	-8.99	5.95	3	Horizontal	75	2.07	53.26	34.19	6.28	34.52

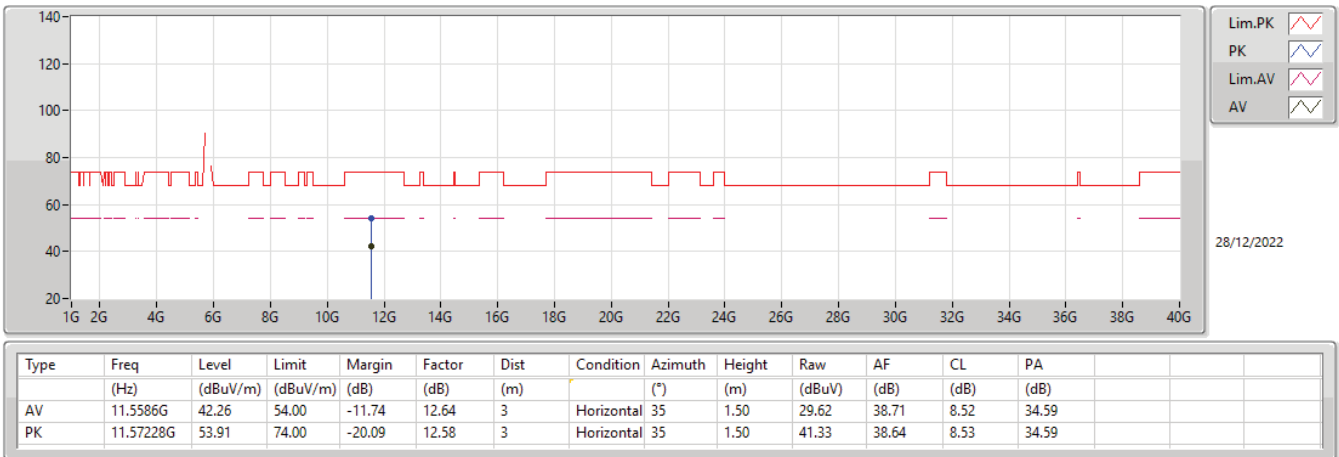
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



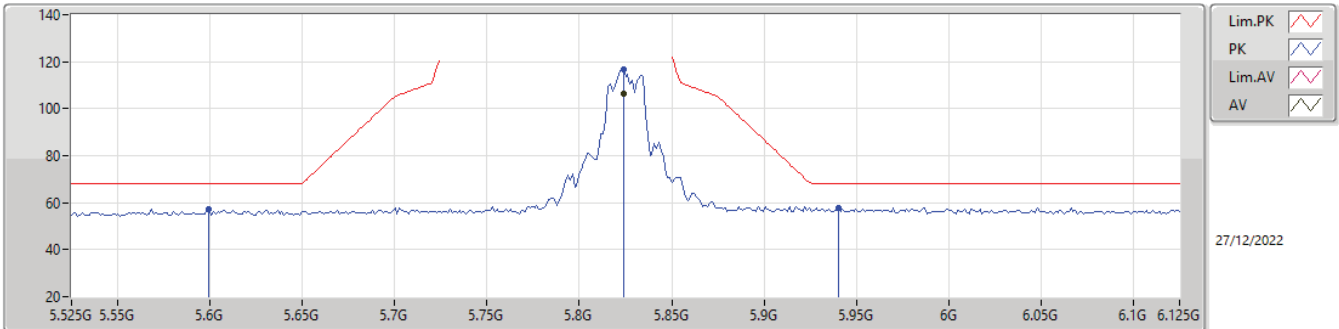
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

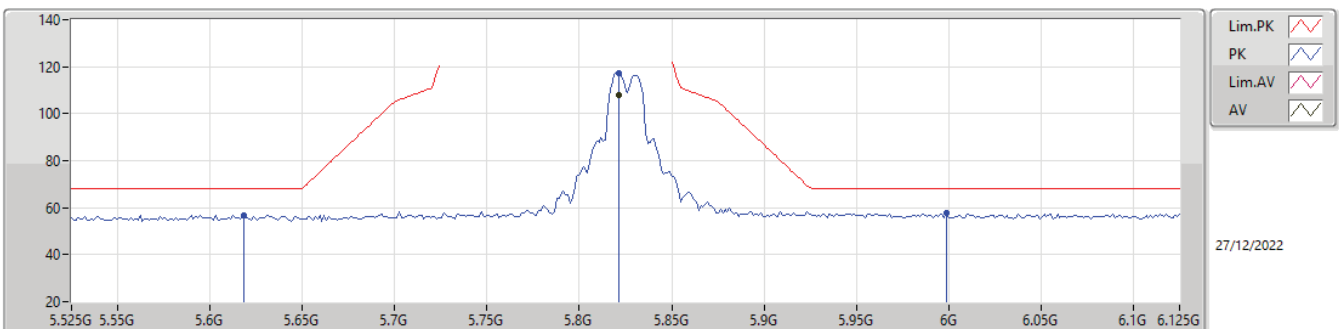
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8238G	106.21	Inf	-Inf	5.63	3	Vertical	22	2.36	100.58	33.95	6.21	34.53
PK	5.5994G	57.37	68.20	-10.83	4.41	3	Vertical	22	2.36	52.96	32.90	6.06	34.55
PK	5.8238G	116.88	Inf	-Inf	5.63	3	Vertical	22	2.36	111.25	33.95	6.21	34.53
PK	5.9402G	57.86	68.20	-10.34	5.95	3	Vertical	22	2.36	51.91	34.20	6.27	34.52

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

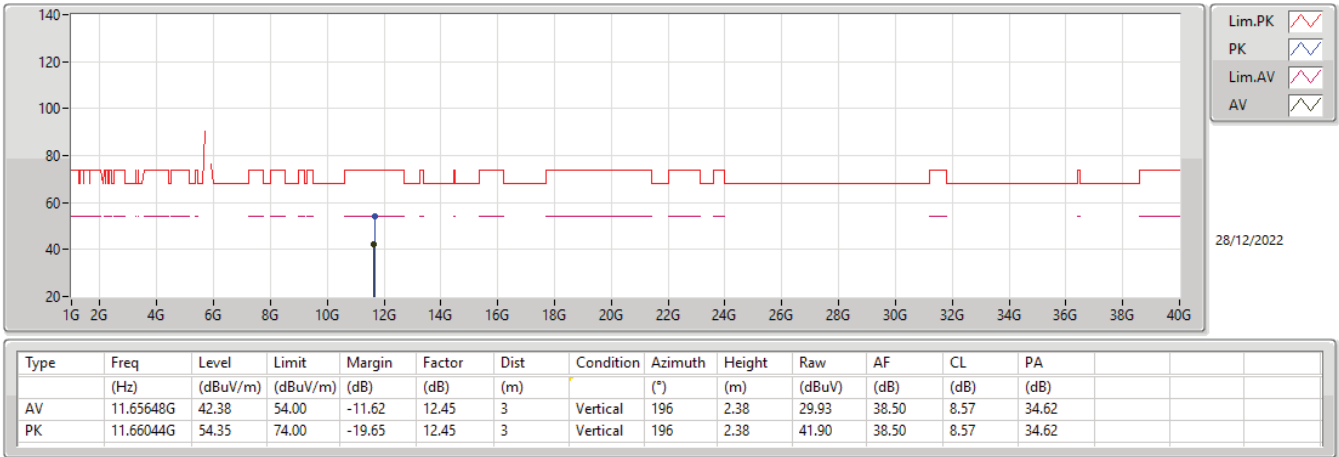
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	107.86	Inf	-Inf	5.62	3	Horizontal	73	2.12	102.24	33.94	6.21	34.53
PK	5.6186G	56.80	68.20	-11.40	4.46	3	Horizontal	73	2.12	52.34	32.94	6.07	34.55
PK	5.8214G	117.39	Inf	-Inf	5.62	3	Horizontal	73	2.12	111.77	33.94	6.21	34.53
PK	5.999G	57.78	68.20	-10.42	5.88	3	Horizontal	73	2.12	51.90	34.10	6.30	34.52

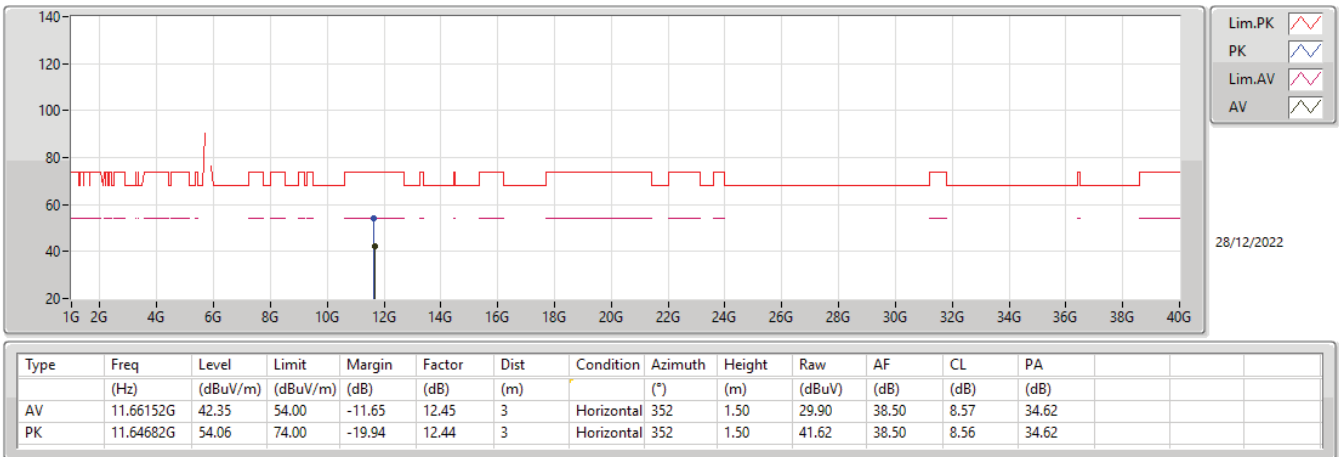
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



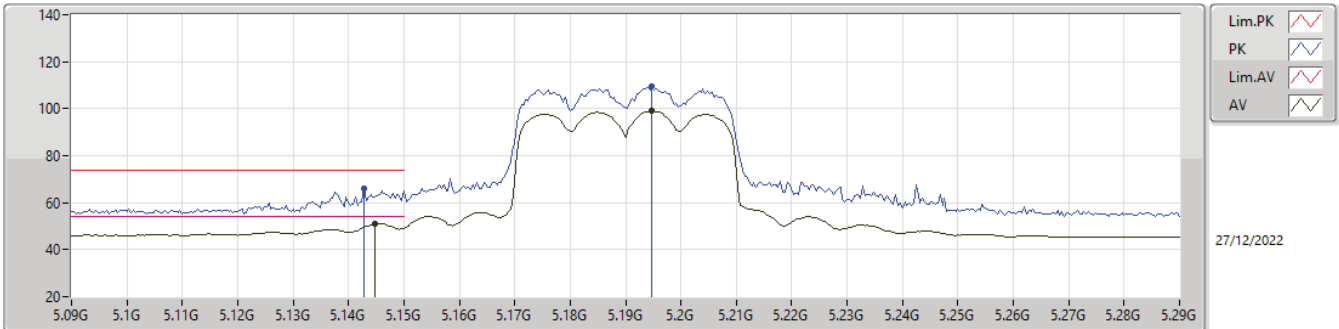
5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

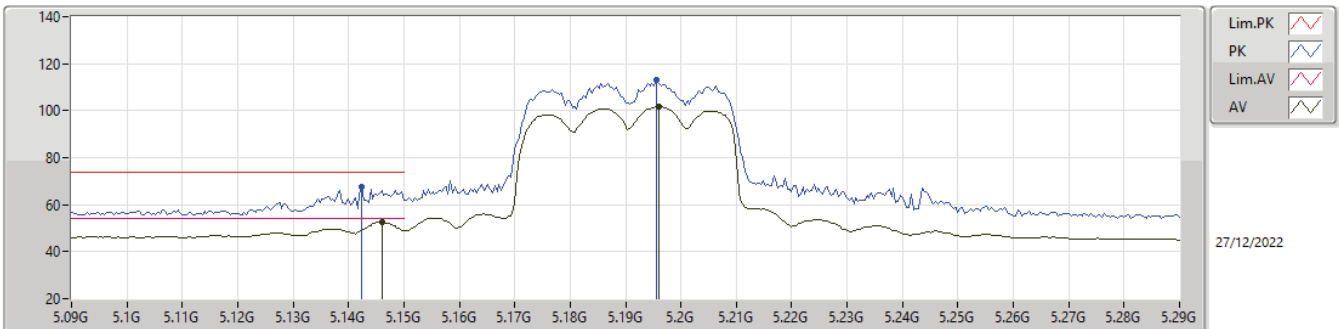
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1448G	51.03	54.00	-2.97	4.24	3	Vertical	354	1.05	46.79	33.00	5.86	34.62
AV	5.1948G	98.89	Inf	-Inf	4.36	3	Vertical	354	1.05	94.53	33.09	5.88	34.61
PK	5.1428G	65.94	74.00	-8.06	4.23	3	Vertical	354	1.05	61.71	33.00	5.85	34.62
PK	5.1948G	109.32	Inf	-Inf	4.36	3	Vertical	354	1.05	104.96	33.09	5.88	34.61

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

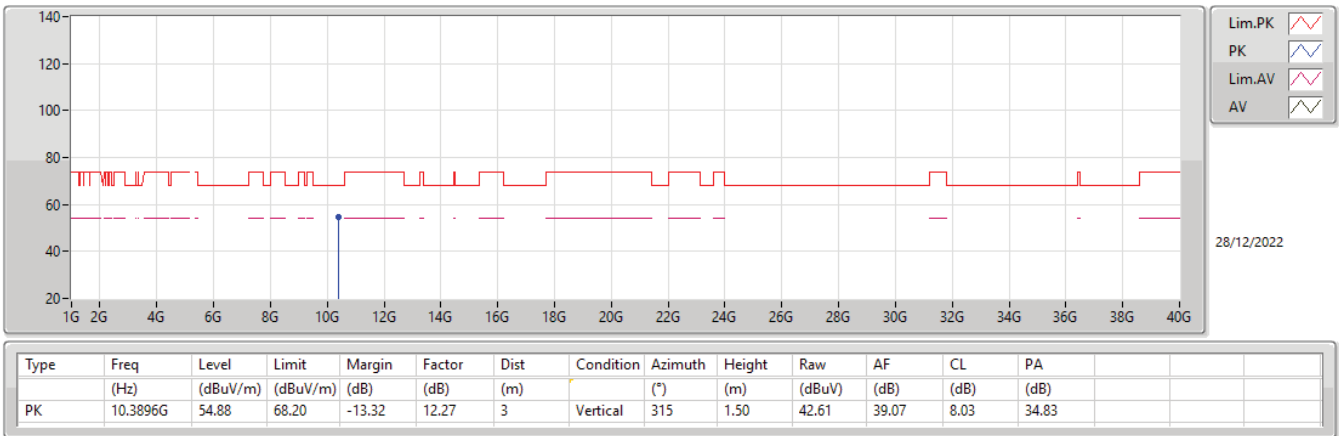
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	52.69	54.00	-1.31	4.24	3	Horizontal	66	2.36	48.45	33.00	5.86	34.62
AV	5.196G	101.67	Inf	-Inf	4.36	3	Horizontal	66	2.36	97.31	33.09	5.88	34.61
PK	5.1424G	67.71	74.00	-6.29	4.23	3	Horizontal	66	2.36	63.48	33.00	5.85	34.62
PK	5.1956G	113.17	Inf	-Inf	4.36	3	Horizontal	66	2.36	108.81	33.09	5.88	34.61

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

