



FCC RADIO TEST REPORT

FCC ID : 2AGMR-AP750WRE
Equipment : 4-radio Omni-Directional Outdoor Wi-Fi 7 Access Point
Brand Name : FORTINET
Model Name : FortiAP-HD-444KWxxxxxxxxx, FAP-HD-444KWxxxxxxxxx, FORTIAP-HD-444KWxxxxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 29, 2024, and testing was started from May 03, 2024 and completed on Nov. 18, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	10
2 Test Configuration of EUT	11
2.1 Test Channel Mode	11
2.2 The Worst Case Measurement Configuration	12
2.3 Support Equipment.....	13
2.4 Test Setup Diagram	14
3 Transmitter Test Result	15
3.1 AC Power-line Conducted Emissions	15
3.2 Emission Bandwidth	17
3.3 Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	18
3.4 Peak Power Spectral Density (E.I.R.P.)	20
3.5 Unwanted Emissions.....	23
4 Test Equipment and Calibration Data	29
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	
Appendix D. Test Results of Peak Power Spectral Density (E.I.R.P.)	
Appendix E. Test Results of Unwanted Emissions	
Appendix F. Test Results of Radiated Emission Co-location	
Appendix G. Test Photos	
Photographs of EUT v01	



History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.8
FCC ID: 2AGMR-AP750WRE

Page Number : 3 of 30
Issued Date : Dec. 02, 2025
Report Version : 01



Summary of Test Result

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

Note : From Sporton Project No.:FR432803-01AE.

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:

None

Reviewed by: Ben Tseng

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Radio 3

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
6525 ~ 6875	ax (HEW20), be (EHT20)	6535 ~ 6855	117 ~ 181 [17]
6525 ~ 6875	ax (HEW40), be (EHT40)	6565 ~ 6845	123 ~ 179 [8]
6525 ~ 6875	ax (HEW80), be (EHT80)	6625 ~ 6785	135 ~ 167 [3]
6525 ~ 6875	ax (HEW160), be (EHT160)	6665	143 [1]

Band	Mode	BWch (MHz)	Nant
6.525-6.875GHz	802.11be EHT20	20	4TX
6.525-6.875GHz	802.11be EHT40	40	4TX
6.525-6.875GHz	802.11be EHT80	80	4TX
6.525-6.875GHz	802.11be EHT160	160	4TX

Radio 4

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925 ~ 6425	ax (HEW20), be (EHT20)	5955 ~ 6415	1 ~ 93 [24]
5925 ~ 6425	ax (HEW40), be (EHT40)	5965 ~ 6405	3 ~ 91 [12]
5925 ~ 6425	ax (HEW80), be (EHT80)	5985 ~ 6385	7 ~ 87 [6]
5925 ~ 6425	ax (HEW160), be (EHT160)	6025 ~ 6345	15 ~ 79 [3]

Band	Mode	BWch (MHz)	Nant
5.925-6.425GHz	802.11be EHT20	20	4TX
5.925-6.425GHz	802.11be EHT40	40	4TX
5.925-6.425GHz	802.11be EHT80	80	4TX
5.925-6.425GHz	802.11be EHT160	160	4TX

Note:

- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- BWch is the nominal channel bandwidth.
- The channel defined in the IEEE Standard P802.11ax™/D6.1.
- Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

**1.1.2 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Remark
1	Everest	PCB-000047-000	PCB	I-PEX	5G	Radio 1
2	Everest	PCB-000047-000	PCB	I-PEX		
3	Everest	PCB-000047-000	PCB	I-PEX		
4	Everest	PCB-000047-000	PCB	I-PEX		
5	Everest	PCB-000047-000	PCB	I-PEX		Radio 2
6	Everest	PCB-000047-000	PCB	I-PEX		
7	Everest	PCB-000047-000	PCB	I-PEX		
8	Everest	PCB-000047-000	PCB	I-PEX		
9	Everest	PCB-000047-000	PCB	I-PEX	6G	Radio 3
10	Everest	PCB-000047-000	PCB	I-PEX	5G	
11	Everest	PCB-000047-000	PCB	I-PEX	6G	
12	Everest	PCB-000047-000	PCB	I-PEX	5G	
13	Everest	PCB-000047-000	PCB	I-PEX	6G	
14	Everest	PCB-000047-000	PCB	I-PEX	5G	
15	Everest	PCB-000047-000	PCB	I-PEX	6G	
16	Everest	PCB-000047-000	PCB	I-PEX	5G	
17	Everest	PCB-000047-000	PCB	I-PEX	6G	Radio 4
18	Everest	PCB-000047-000	PCB	I-PEX		
19	Everest	PCB-000047-000	PCB	I-PEX		
20	Everest	PCB-000047-000	PCB	I-PEX		



Ant.	Port	Gain (dBi)				
		5G				6E
		U-NII-1	U-NII-2A	U-NII-2C	U-NII-3	
1	1	-	-	-	3.2	-
2	2	-	-	-	3.2	-
3	3	-	-	-	3.2	-
4	4	-	-	-	3.2	-
5	1	3.2	3.2	-	-	-
6	2	3.2	3.2	-	-	-
7	3	3.2	3.2	-	-	-
8	4	3.2	3.2	-	-	-
9	1	-	-	-	-	2
10	2	-	-	2	-	-
11	3	-	-	-	-	2
12	4	-	-	2	-	-
13	5	-	-	-	-	2
14	6	-	-	2	-	-
15	7	-	-	-	-	2
16	8	-	-	2	-	-
17	1	-	-	-	-	3.2
18	2	-	-	-	-	3.2
19	3	-	-	-	-	3.2
20	4	-	-	-	-	3.2

Note 1: The EUT has twenty antennas.

Note 2: The antenna is cross polarized.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) <Radio 1>

Ant. 1~4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) <Radio 2>

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) <Radio 3>

Ant. 10, 12, 14, 16 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax/be mode (4TX/4RX) <Radio 3>

Ant. 9, 11, 13, 15 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) <Radio 4>

Ant. 17~20 could transmit/receive simultaneously.

**1.1.3 EUT Information**

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

Note: The above information was declared by manufacturer.

**1.1.4 Mode Test Duty Cycle****Radio 3**

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Radio 4

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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	Description
FortiAP-HD-444KWxxxxxxxxx, FAP-HD-444KWxxxxxxxxx, FORTIAP-HD-444KWxxxxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	All the models are identical, the difference model served as marketing strategy.

From the above models, FAP-HD-444KW was selected as representative model for the test and its data was recorded in this report.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024
- ♦ FCC KDB 789033 D02 v02r01

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Ivan Chung	21.4~22.4°C / 52~56%	03/May/2024
RF Conducted	TH06-HY	Johnny Yu	24~25°C / 52~54%	12/Nov/2024~18/Nov/2024
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Radio 3)	03CH26-HY	Ivan Chung	23.1~24.2°C / 51~54%	14/Nov/2024~16/Nov/2024
Radiated (Radio 4)	03CH26-HY	Andy Wang	22.5~23.9°C / 53~56%	15/Nov/2024~16/Nov/2024
Radiated (Above 30 Degrees)	03CH26-HY	Andy Wang	20.8~22.6°C / 50~52%	14/Nov/2024
Radiated (Co-location)	03CH26-HY	Andy Wang	22.2~23.4°C / 51~52%	27/May/2024

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	1.5 MHz	Confidence levels of 95%
Maximum Equivalent Isotropically Radiated Power (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Peak Power Spectral Density (E.I.R.P.)	1.2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Frequency Stability	1.18 ppm	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_00099s
------------------------------	-------------------------------------

Radio 3

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_4TX	-
6535MHz	17
6695MHz	22.5
6855MHz	20.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
6565MHz	22.5
6685MHz	22.5
6845MHz	18
802.11be EHT80_Nss1,(MCS0)_4TX	-
6625MHz	22.5
6705MHz	22.5
6785MHz	22.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
6665MHz	15.5

Radio 4

Mode	Power Setting
802.11be EHT20_Nss1,(MCS0)_4TX	-
5955MHz	16.5
6195MHz	19.5
6415MHz	16
802.11be EHT40_Nss1,(MCS0)_4TX	-
5965MHz	13.5
6205MHz	20.5
6405MHz	15.5
802.11be EHT80_Nss1,(MCS0)_4TX	-
5985MHz	13.5
6225MHz	22
6385MHz	19.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
6025MHz	13
6185MHz	20
6345MHz	19.5

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) above 30 degrees Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V (Radio 4)	V (Radio 3)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1(5GHz WLAN) + Radio 2(5GHz WLAN) + Radio 3(5GHz WLAN) + Radio 4(6GHz WLAN)
2	Radio 1(5GHz WLAN) + Radio 2(5GHz WLAN) + Radio 3(6GHz WLAN) + Radio 4(6GHz WLAN)
Refer to Sporton Test Report No.: FA571021-02 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power sync	CAT-6E-10	-	-
2	PoE	EnGenius	PNA90BGS-54	-	Provided by Customer
3	Power Cord	I-Sheng	SP-305B	-	Provided by Customer

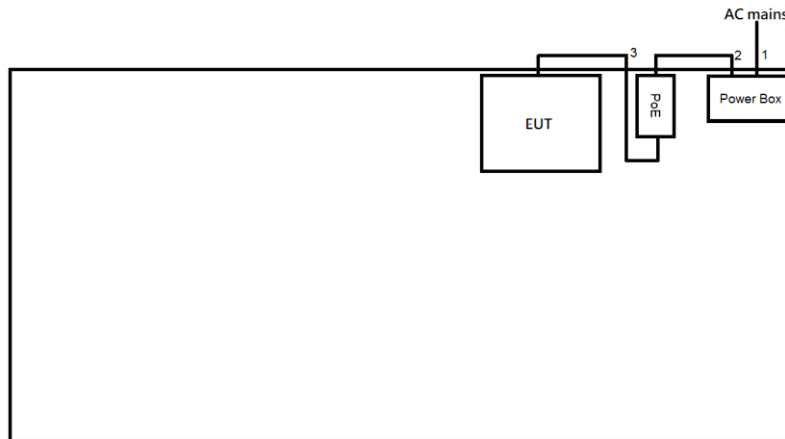
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	EnGenius	PNA90BGS-54	-	Provided by Customer
2	Power Cord	I-Sheng	SP-305B	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power sync	CAT-6E-10	-	-
2	PoE	EnGenius	PNA90BGS-54	-	Provided by Customer
3	Power Cord	I-Sheng	SP-305B	-	Provided by Customer



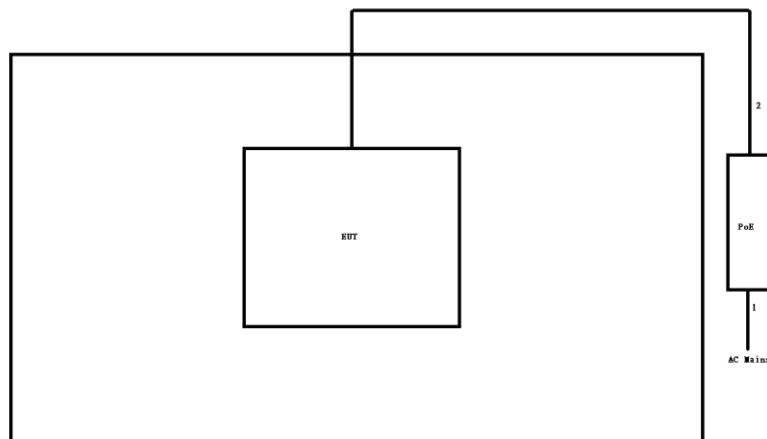
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length (m)
1	AC Power Cable	No	1.0
2	AC Power Cable	No	0.6
3	RJ45 Cable	No	10.0

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	0.6
2	RJ45 Cable	No	10.0



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

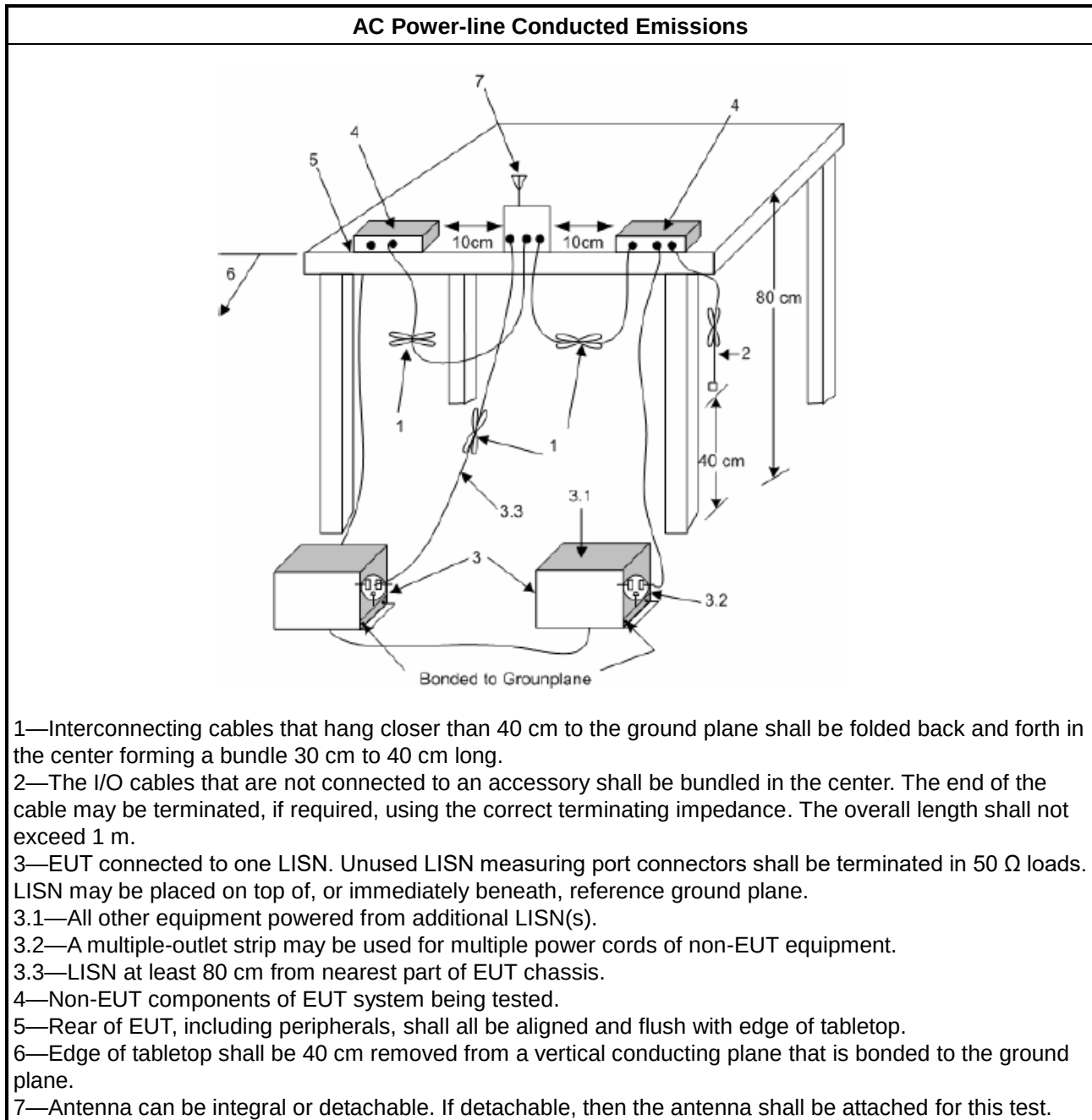
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

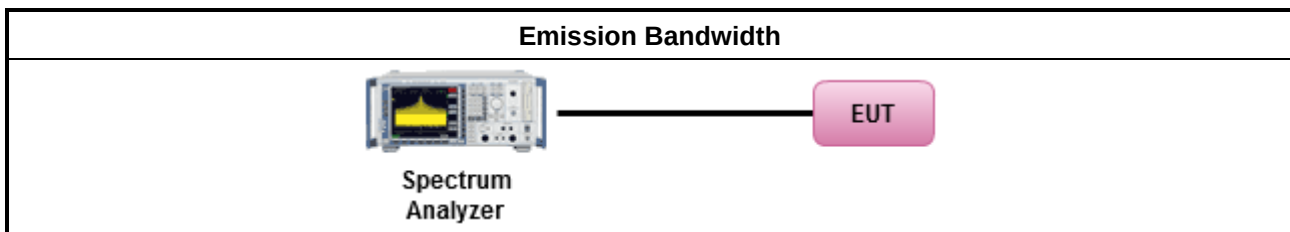
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

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

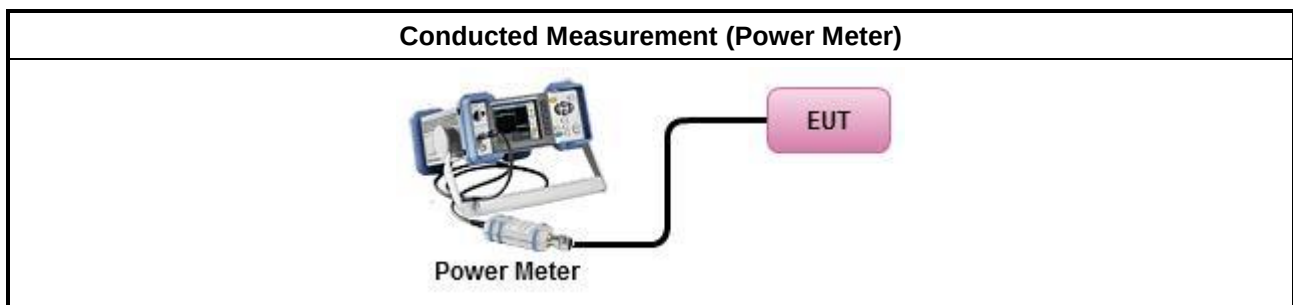
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



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

Refer as Appendix C



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

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

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

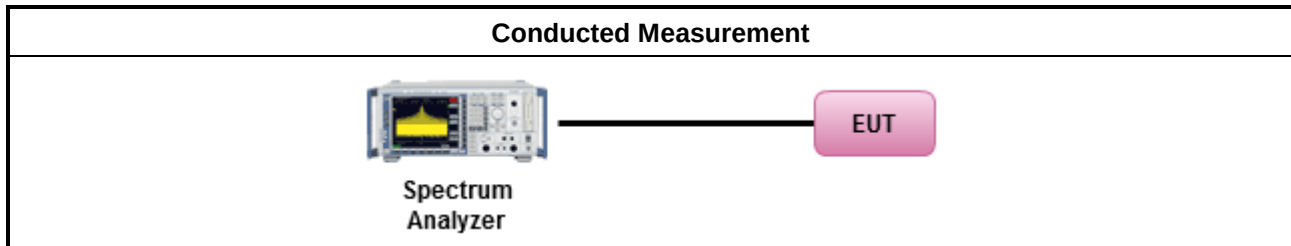
3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

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

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

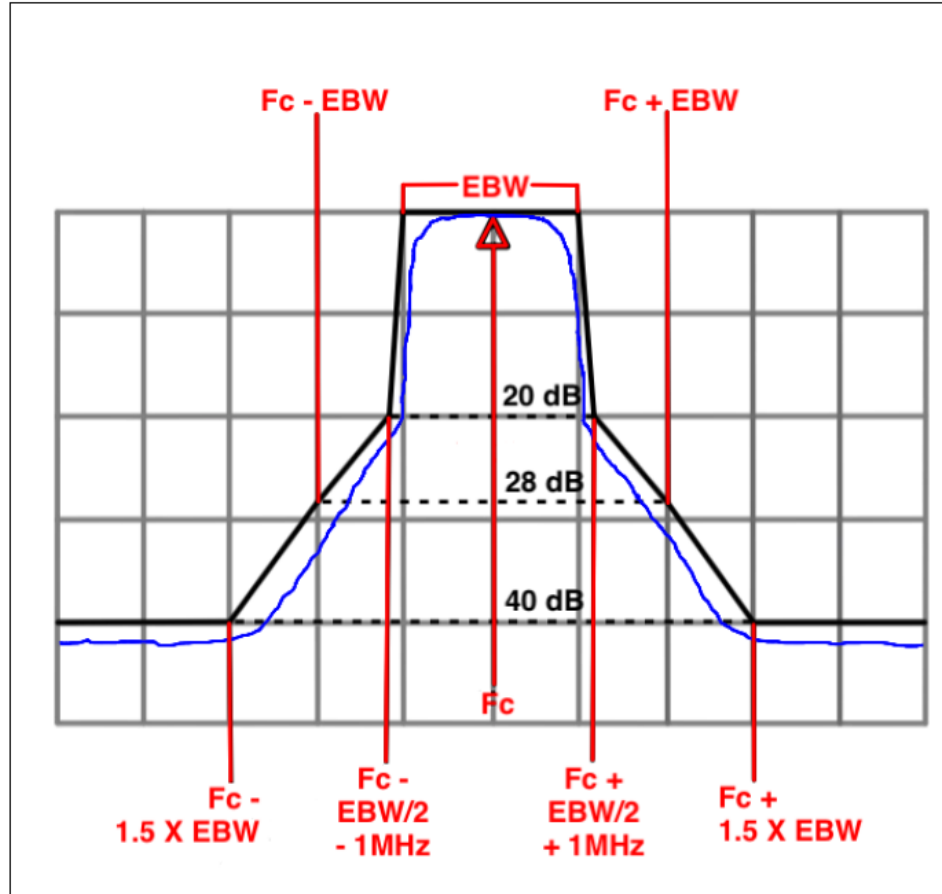
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance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

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

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

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

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





3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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



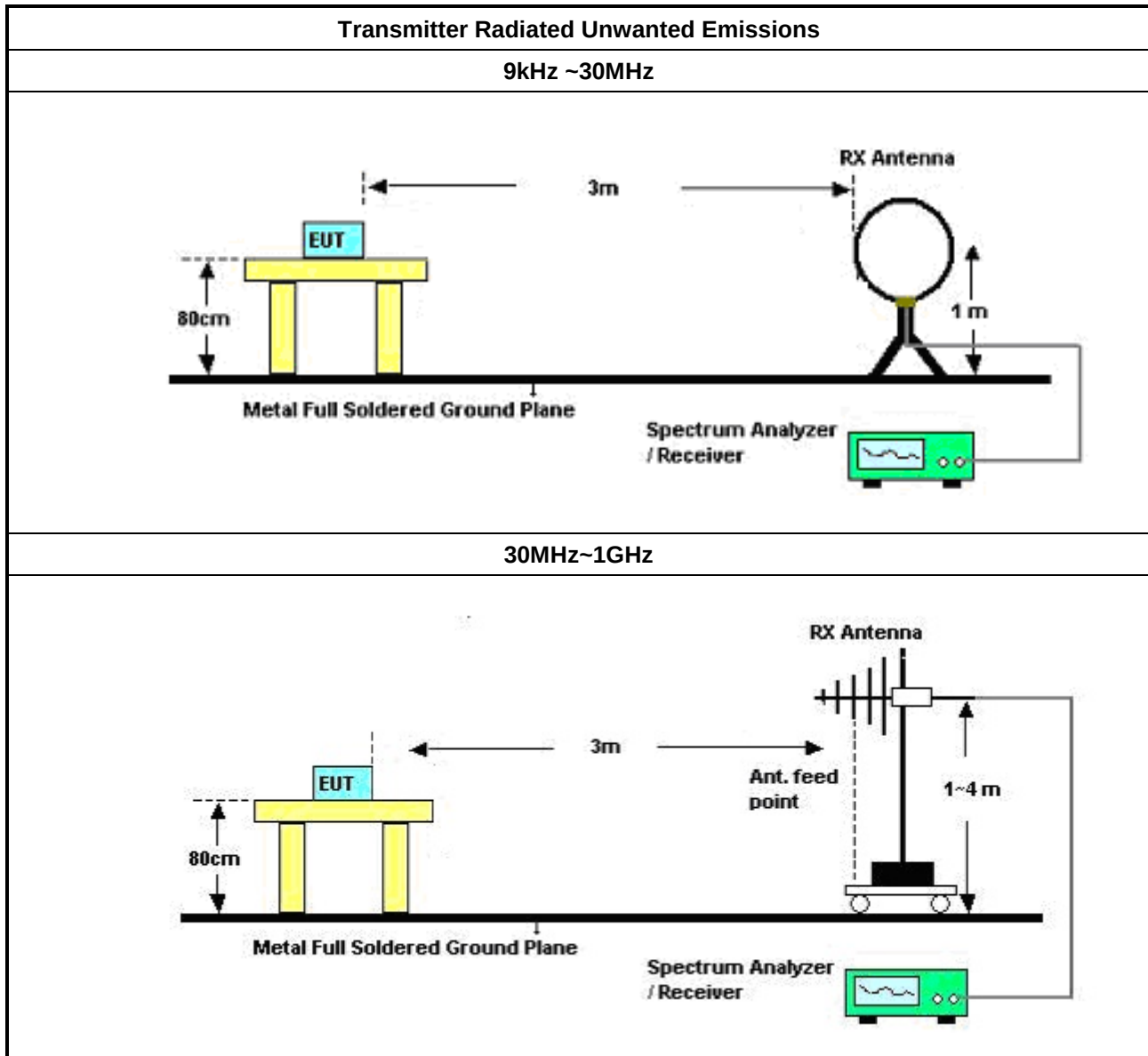
▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	▪ 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.

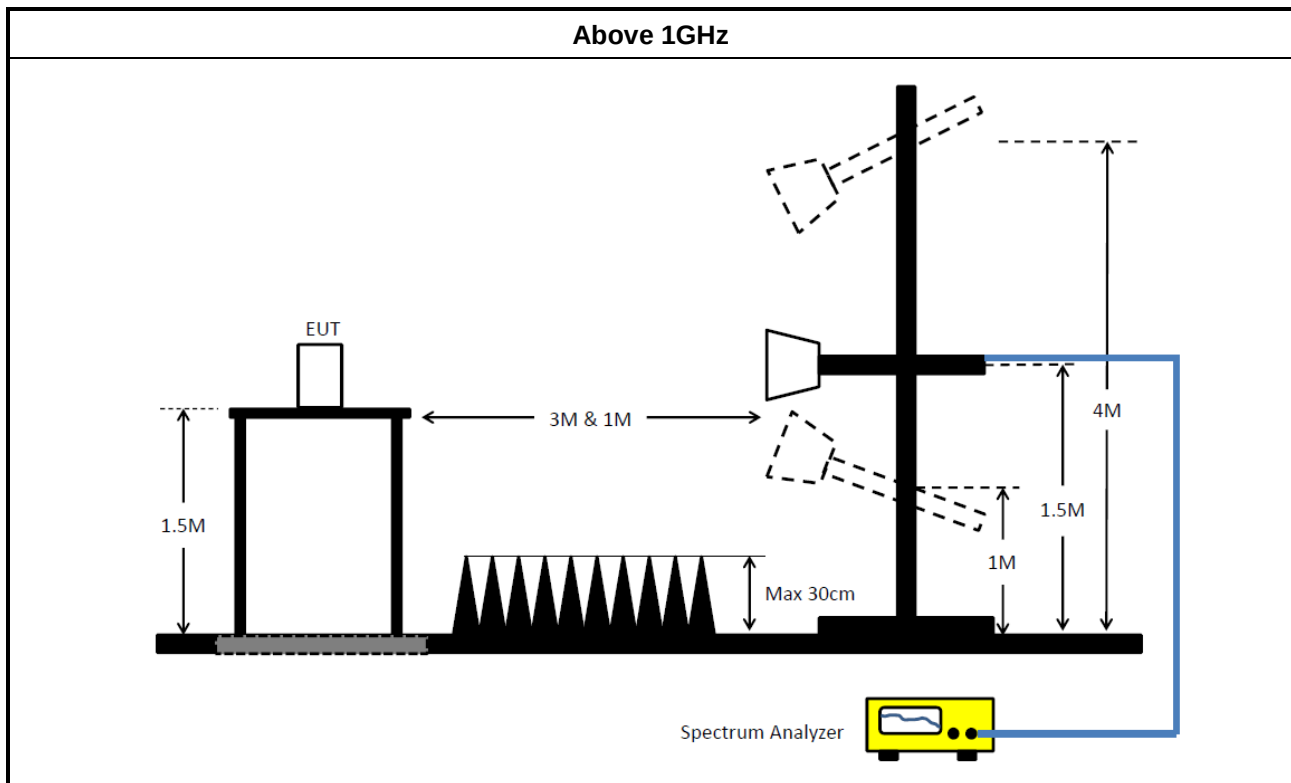
3.5.4 Measurement Results Calculation

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	16/May/2023	15/May/2024
LISN(Artificial Mains Network)	SCHWARZBECK	NSLK 8127	8127477	9kHz ~ 30MHz	12/Apr/2024	11/Apr/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9kHz ~ 200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	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	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	07/Aug/2024	06/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	07/Aug/2024	06/Aug/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	09/Oct/2024	08/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	05/Jun/2024	04/Jun/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	9kHz~1GHz	21/Oct/2024	20/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	21/Oct/2024	20/Oct/2025
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	24/May/2024	23/May/2025
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~18GHz	15/Mar/2024	14/Mar/2025
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (Co-location)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	08/Aug/2023	07/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	06/Oct/2023	05/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	18/Oct/2023	17/Oct/2024
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	23/May/2024	22/May/2025
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-EMI	Sporton	V5.11.3	NA	NA	NA	NA



Conducted Emissions at Powerline_Radio 3

Appendix A.1

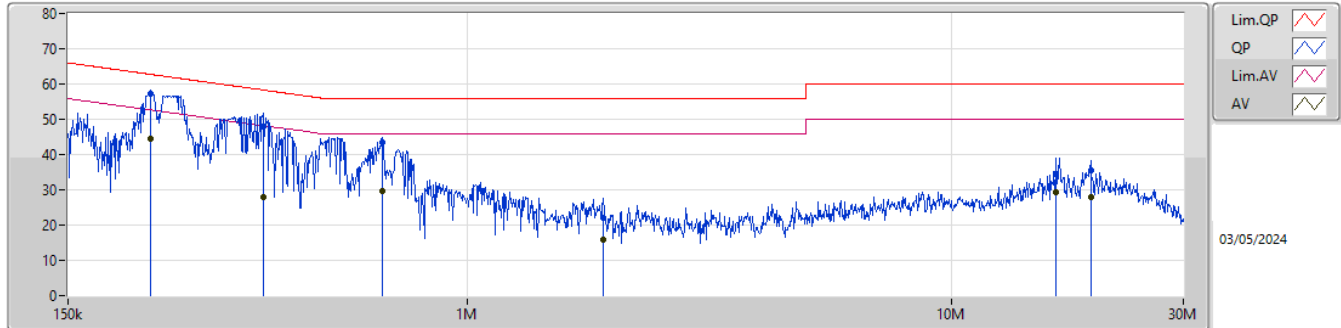
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	221.817k	57.15	62.75	-5.60	Line

Result

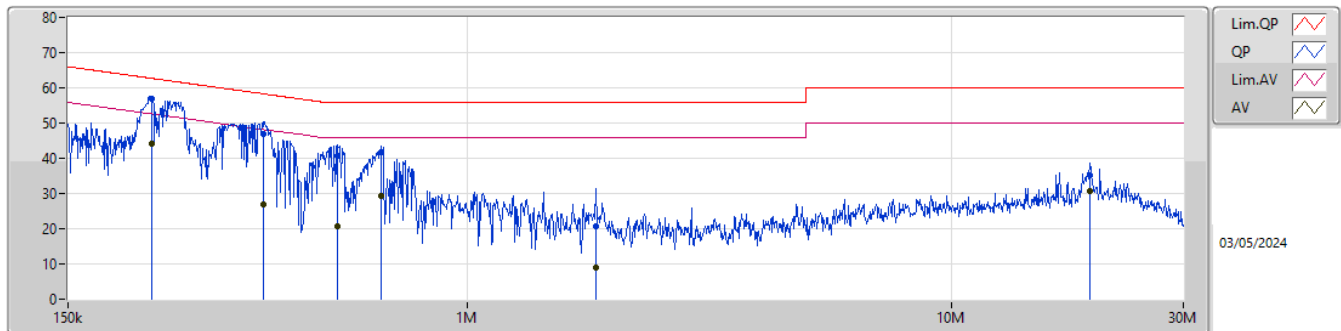
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	221.817k	57.15	62.75	-5.60	Line
Mode 1	Pass	AV	221.817k	44.56	52.75	-8.19	Line
Mode 1	Pass	QP	378.715k	47.84	58.31	-10.47	Line
Mode 1	Pass	AV	378.715k	27.79	48.31	-20.52	Line
Mode 1	Pass	QP	667.575k	43.54	56.00	-12.46	Line
Mode 1	Pass	AV	667.575k	29.60	46.00	-16.40	Line
Mode 1	Pass	QP	1.908M	22.24	56.00	-33.76	Line
Mode 1	Pass	AV	1.908M	15.76	46.00	-30.24	Line
Mode 1	Pass	QP	16.404M	34.64	60.00	-25.36	Line
Mode 1	Pass	AV	16.404M	29.14	50.00	-20.86	Line
Mode 1	Pass	QP	19.321M	35.68	60.00	-24.32	Line
Mode 1	Pass	AV	19.321M	28.07	50.00	-21.93	Line
Mode 1	Pass	QP	222.704k	56.75	62.71	-5.96	Neutral
Mode 1	Pass	AV	222.704k	44.01	52.71	-8.70	Neutral
Mode 1	Pass	QP	378.715k	47.03	58.31	-11.28	Neutral
Mode 1	Pass	AV	378.715k	27.02	48.31	-21.29	Neutral
Mode 1	Pass	QP	540.273k	40.81	56.00	-15.19	Neutral
Mode 1	Pass	AV	540.273k	20.82	46.00	-25.18	Neutral
Mode 1	Pass	QP	664.915k	41.82	56.00	-14.18	Neutral
Mode 1	Pass	AV	664.915k	29.39	46.00	-16.61	Neutral
Mode 1	Pass	QP	1.84M	20.63	56.00	-35.37	Neutral
Mode 1	Pass	AV	1.84M	9.07	46.00	-36.93	Neutral
Mode 1	Pass	QP	19.244M	35.07	60.00	-24.93	Neutral
Mode 1	Pass	AV	19.244M	30.58	50.00	-19.42	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	221.817k	57.15	62.75	-5.60	9.82	Line	-	47.33	0.04	0.09	9.69						
AV	221.817k	44.56	52.75	-8.19	9.82	Line	-	34.74	0.04	0.09	9.69						
QP	378.715k	47.84	58.31	-10.47	9.92	Line	-	37.92	0.05	0.12	9.75						
AV	378.715k	27.79	48.31	-20.52	9.92	Line	-	17.87	0.05	0.12	9.75						
QP	667.575k	43.54	56.00	-12.46	9.94	Line	-	33.60	0.06	0.10	9.78						
AV	667.575k	29.60	46.00	-16.40	9.94	Line	-	19.66	0.06	0.10	9.78						
QP	1.908M	22.24	56.00	-33.76	9.98	Line	-	12.26	0.07	0.11	9.80						
AV	1.908M	15.76	46.00	-30.24	9.98	Line	-	5.78	0.07	0.11	9.80						
QP	16.404M	34.64	60.00	-25.36	10.21	Line	-	24.43	0.28	0.10	9.83						
AV	16.404M	29.14	50.00	-20.86	10.21	Line	-	18.93	0.28	0.10	9.83						
QP	19.321M	35.68	60.00	-24.32	10.26	Line	-	25.42	0.31	0.12	9.83						
AV	19.321M	28.07	50.00	-21.93	10.26	Line	-	17.81	0.31	0.12	9.83						

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	222.704k	56.75	62.71	-5.96	9.84	Neutral	-	46.91	0.06	0.09	9.69						
AV	222.704k	44.01	52.71	-8.70	9.84	Neutral	-	34.17	0.06	0.09	9.69						
QP	378.715k	47.03	58.31	-11.28	9.94	Neutral	-	37.09	0.07	0.12	9.75						
AV	378.715k	27.02	48.31	-21.29	9.94	Neutral	-	17.08	0.07	0.12	9.75						
QP	540.273k	40.81	56.00	-15.19	9.95	Neutral	-	30.86	0.07	0.11	9.77						
AV	540.273k	20.82	46.00	-25.18	9.95	Neutral	-	10.87	0.07	0.11	9.77						
QP	664.915k	41.82	56.00	-14.18	9.96	Neutral	-	31.86	0.08	0.10	9.78						
AV	664.915k	29.39	46.00	-16.61	9.96	Neutral	-	19.43	0.08	0.10	9.78						
QP	1.84M	20.63	56.00	-35.37	10.00	Neutral	-	10.63	0.09	0.11	9.80						
AV	1.84M	9.07	46.00	-36.93	10.00	Neutral	-	-0.93	0.09	0.11	9.80						
QP	19.244M	35.07	60.00	-24.93	10.33	Neutral	-	24.74	0.38	0.12	9.83						
AV	19.244M	30.58	50.00	-19.42	10.33	Neutral	-	20.25	0.38	0.12	9.83						



Conducted Emissions at Powerline_Radio 4

Appendix A.2

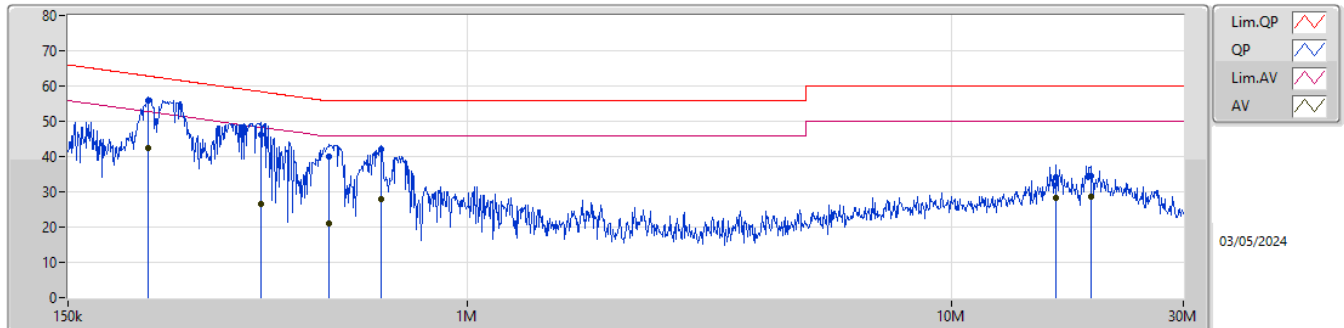
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	221.817k	56.78	62.75	-5.97	Neutral

Result

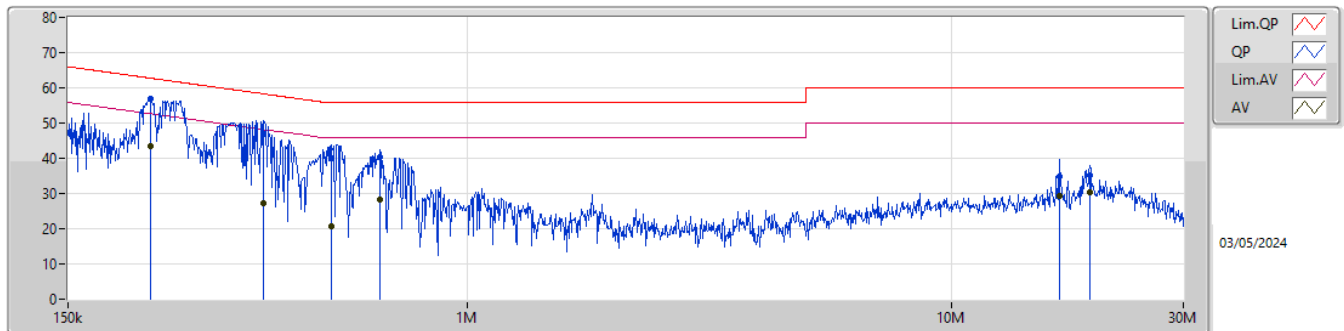
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	220.053k	55.80	62.81	-7.01	Line
Mode 1	Pass	AV	220.053k	42.43	52.81	-10.38	Line
Mode 1	Pass	QP	374.207k	46.23	58.41	-12.18	Line
Mode 1	Pass	AV	374.207k	26.72	48.41	-21.69	Line
Mode 1	Pass	QP	519.13k	39.94	56.00	-16.06	Line
Mode 1	Pass	AV	519.13k	21.12	46.00	-24.88	Line
Mode 1	Pass	QP	662.266k	41.97	56.00	-14.03	Line
Mode 1	Pass	AV	662.266k	27.79	46.00	-18.21	Line
Mode 1	Pass	QP	16.404M	33.99	60.00	-26.01	Line
Mode 1	Pass	AV	16.404M	28.42	50.00	-21.58	Line
Mode 1	Pass	QP	19.321M	34.45	60.00	-25.55	Line
Mode 1	Pass	AV	19.321M	28.56	50.00	-21.44	Line
Mode 1	Pass	QP	221.817k	56.78	62.75	-5.97	Neutral
Mode 1	Pass	AV	221.817k	43.55	52.75	-9.20	Neutral
Mode 1	Pass	QP	380.23k	46.97	58.28	-11.31	Neutral
Mode 1	Pass	AV	380.23k	27.16	48.28	-21.12	Neutral
Mode 1	Pass	QP	525.384k	39.84	56.00	-16.16	Neutral
Mode 1	Pass	AV	525.384k	20.71	46.00	-25.29	Neutral
Mode 1	Pass	QP	659.627k	40.38	56.00	-15.62	Neutral
Mode 1	Pass	AV	659.627k	28.27	46.00	-17.73	Neutral
Mode 1	Pass	QP	16.668M	34.80	60.00	-25.20	Neutral
Mode 1	Pass	AV	16.668M	29.45	50.00	-20.55	Neutral
Mode 1	Pass	QP	19.244M	35.20	60.00	-24.80	Neutral
Mode 1	Pass	AV	19.244M	30.36	50.00	-19.64	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	220.053k	55.80	62.81	-7.01	9.82	Line	-	45.98	0.04	0.09	9.69						
AV	220.053k	42.43	52.81	-10.38	9.82	Line	-	32.61	0.04	0.09	9.69						
QP	374.207k	46.23	58.41	-12.18	9.92	Line	-	36.31	0.05	0.12	9.75						
AV	374.207k	26.72	48.41	-21.69	9.92	Line	-	16.80	0.05	0.12	9.75						
QP	519.13k	39.94	56.00	-16.06	9.93	Line	-	30.01	0.05	0.11	9.77						
AV	519.13k	21.12	46.00	-24.88	9.93	Line	-	11.19	0.05	0.11	9.77						
QP	662.266k	41.97	56.00	-14.03	9.94	Line	-	32.03	0.06	0.10	9.78						
AV	662.266k	27.79	46.00	-18.21	9.94	Line	-	17.85	0.06	0.10	9.78						
QP	16.404M	33.99	60.00	-26.01	10.21	Line	-	23.78	0.28	0.10	9.83						
AV	16.404M	28.42	50.00	-21.58	10.21	Line	-	18.21	0.28	0.10	9.83						
QP	19.321M	34.45	60.00	-25.55	10.26	Line	-	24.19	0.31	0.12	9.83						
AV	19.321M	28.56	50.00	-21.44	10.26	Line	-	18.30	0.31	0.12	9.83						

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	221.817k	56.78	62.75	-5.97	9.84	Neutral	-	46.94	0.06	0.09	9.69						
AV	221.817k	43.55	52.75	-9.20	9.84	Neutral	-	33.71	0.06	0.09	9.69						
QP	380.23k	46.97	58.28	-11.31	9.94	Neutral	-	37.03	0.07	0.12	9.75						
AV	380.23k	27.16	48.28	-21.12	9.94	Neutral	-	17.22	0.07	0.12	9.75						
QP	525.384k	39.84	56.00	-16.16	9.95	Neutral	-	29.89	0.07	0.11	9.77						
AV	525.384k	20.71	46.00	-25.29	9.95	Neutral	-	10.76	0.07	0.11	9.77						
QP	659.627k	40.38	56.00	-15.62	9.96	Neutral	-	30.42	0.08	0.10	9.78						
AV	659.627k	28.27	46.00	-17.73	9.96	Neutral	-	18.31	0.08	0.10	9.78						
QP	16.668M	34.80	60.00	-25.20	10.29	Neutral	-	24.51	0.36	0.10	9.83						
AV	16.668M	29.45	50.00	-20.55	10.29	Neutral	-	19.16	0.36	0.10	9.83						
QP	19.244M	35.20	60.00	-24.80	10.33	Neutral	-	24.87	0.38	0.12	9.83						
AV	19.244M	30.36	50.00	-19.64	10.33	Neutral	-	20.03	0.38	0.12	9.83						

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
6.525-6.875GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	68.09M	40.305M	40M3D1D	25.08M	19.14M
802.11be EHT40_Nss1,(MCS0)_4TX	142.34M	80.81M	80M8D1D	78.98M	39.98M
802.11be EHT80_Nss1,(MCS0)_4TX	317.68M	167.416M	167MD1D	225.94M	150.125M
802.11be EHT160_Nss1,(MCS0)_4TX	268.4M	158.121M	158MD1D	166.76M	156.922M

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

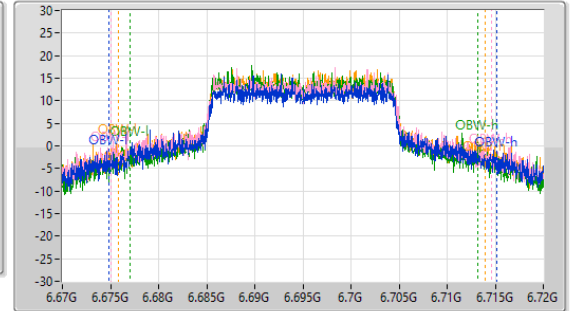
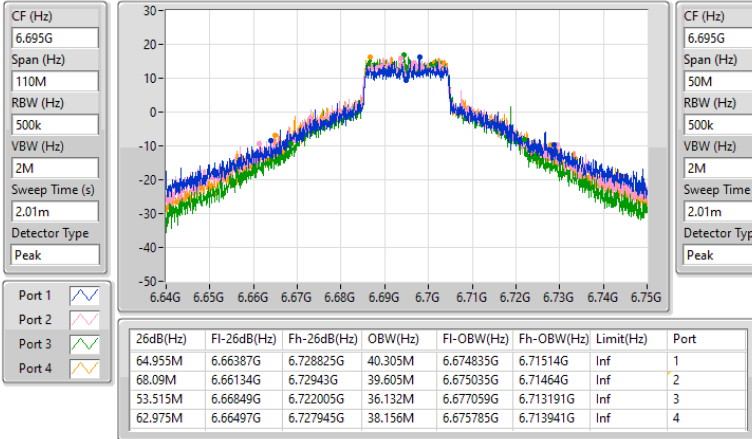
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6535MHz	Pass	Inf	39.82M	20.04M	30.03M	19.24M	27.5M	19.14M	25.08M	19.215M
6695MHz	Pass	Inf	64.955M	40.305M	68.09M	39.605M	53.515M	36.132M	62.975M	38.156M
6855MHz	Pass	Inf	50.71M	32.409M	56.045M	35.982M	50.545M	31.259M	52.415M	36.532M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6565MHz	Pass	Inf	123.2M	78.061M	130.24M	78.611M	133.43M	78.261M	132.77M	79.66M
6685MHz	Pass	Inf	142.34M	80.81M	141.46M	77.611M	126.17M	76.662M	120.45M	77.261M
6845MHz	Pass	Inf	92.73M	50.075M	96.47M	51.074M	78.98M	39.98M	83.49M	43.428M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	Inf	265.76M	155.822M	225.94M	150.125M	260.26M	157.721M	281.6M	158.621M
6705MHz	Pass	Inf	317.68M	166.017M	281.82M	159.72M	272.14M	156.522M	266.64M	155.322M
6785MHz	Pass	Inf	302.06M	167.416M	309.98M	165.017M	311.08M	161.419M	295.46M	161.419M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	Inf	268.4M	158.121M	166.76M	156.922M	168.96M	157.121M	173.36M	156.922M

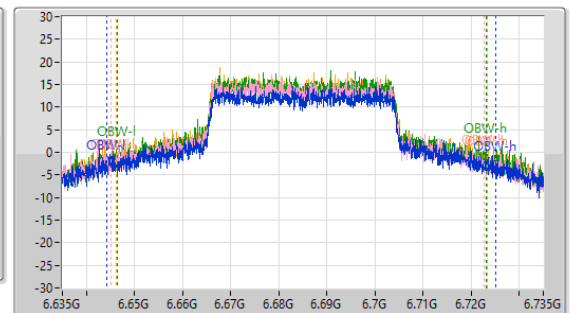
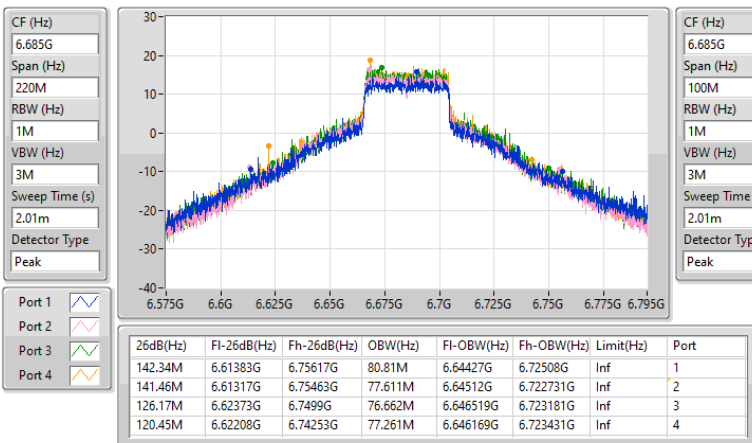
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
6695MHz

12/11/2024

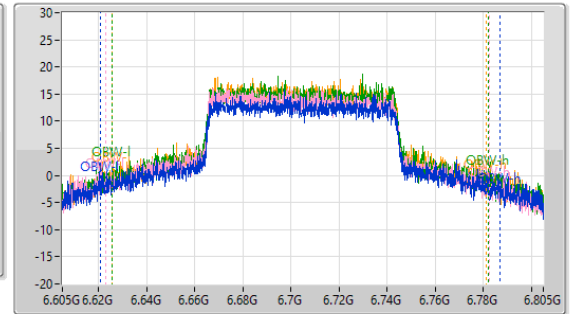
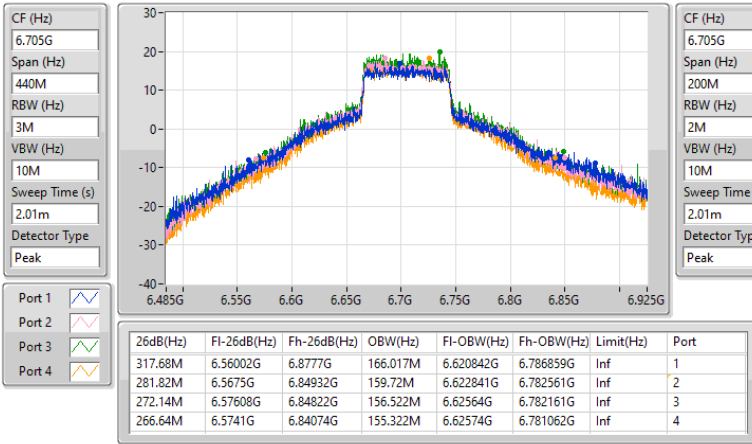

6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6685MHz

12/11/2024

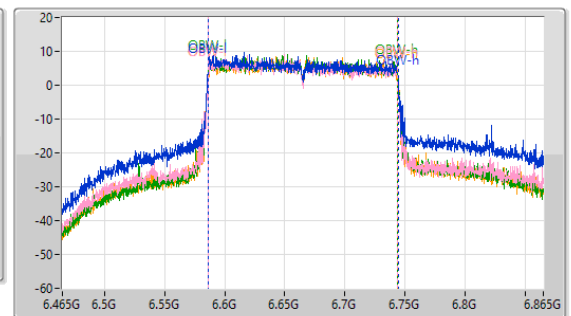
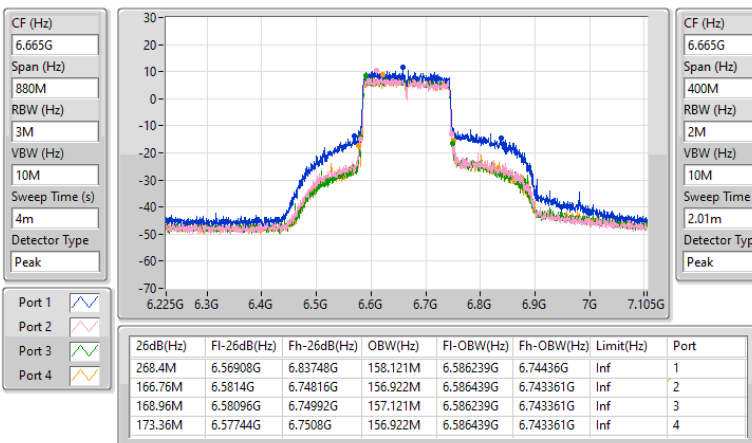


6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6705MHz

12/11/2024


6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6665MHz

12/11/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	23.155M	19.09M	19M1D1D	21.45M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	63.25M	38.281M	38M3D1D	42.57M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	147.4M	78.961M	79M0D1D	86.02M	77.561M
802.11be EHT160_Nss1,(MCS0)_4TX	292.6M	160.92M	161MD1D	167.2M	156.522M

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

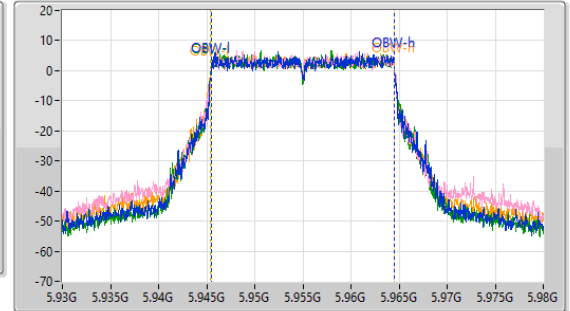
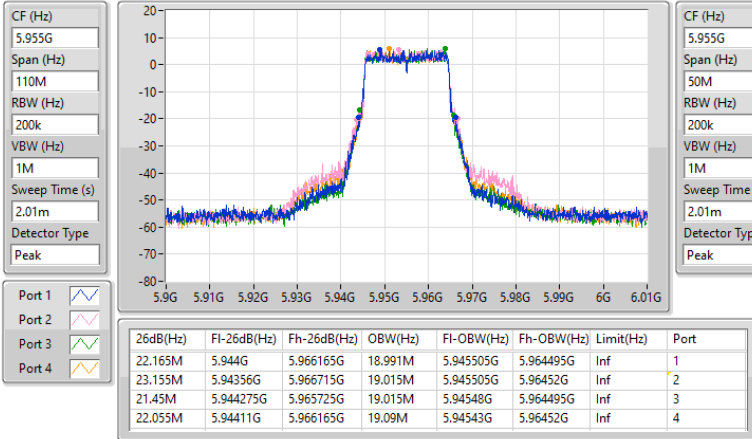
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	22.165M	18.991M	23.155M	19.015M	21.45M	19.015M	22.055M	19.09M
6195MHz	Pass	Inf	22M	19.015M	22.99M	19.065M	22.55M	19.09M	22.88M	19.09M
6415MHz	Pass	Inf	22.385M	19.04M	21.505M	19.09M	22.385M	19.09M	22.385M	19.065M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	42.57M	38.031M	43.23M	37.981M	42.57M	37.931M	44.33M	38.031M
6205MHz	Pass	Inf	43.12M	38.081M	45.54M	38.031M	45.65M	38.181M	63.25M	38.281M
6405MHz	Pass	Inf	43.34M	37.981M	43.45M	37.981M	43.67M	38.031M	43.12M	37.931M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	86.02M	77.561M	86.9M	77.661M	89.32M	77.561M	87.78M	77.561M
6225MHz	Pass	Inf	143M	78.161M	139.48M	78.461M	107.58M	78.261M	142.56M	78.961M
6385MHz	Pass	Inf	95.48M	77.961M	121.44M	78.161M	147.4M	78.461M	134.86M	78.861M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	173.8M	156.522M	167.2M	157.121M	171.16M	156.522M	168.52M	157.121M
6185MHz	Pass	Inf	168.52M	157.121M	172.48M	157.121M	223.52M	157.721M	248.16M	157.921M
6345MHz	Pass	Inf	209.44M	157.321M	234.08M	157.921M	292.6M	158.921M	281.6M	160.92M

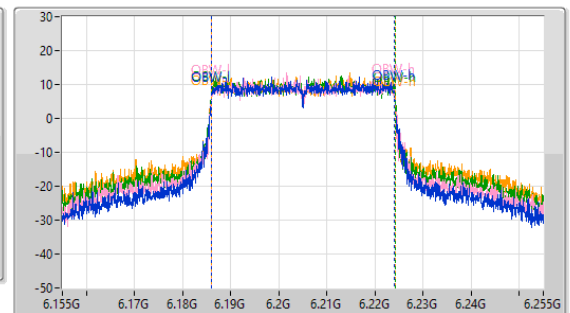
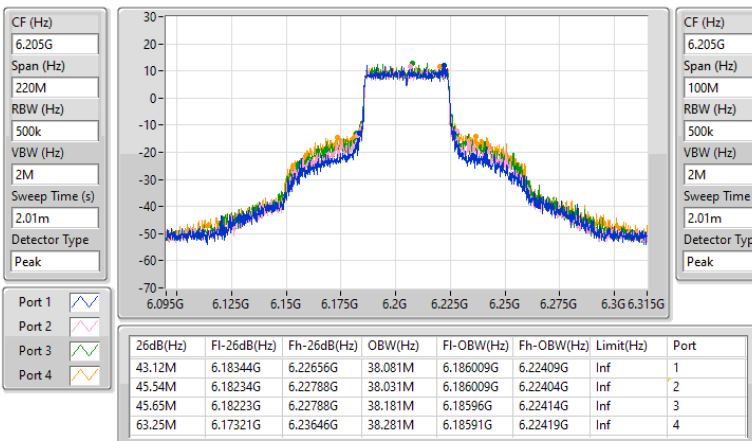
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5955MHz

18/11/2024

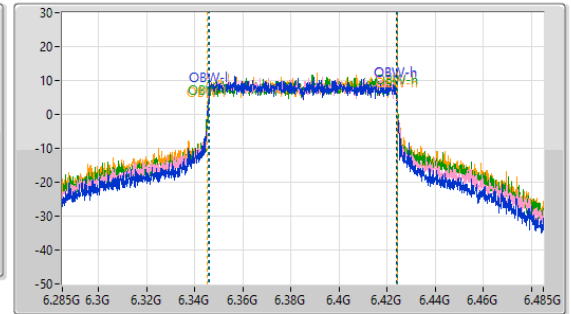
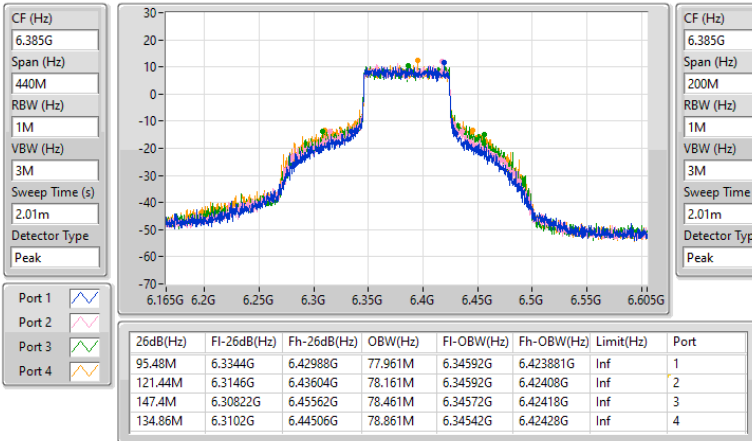

5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
6205MHz

18/11/2024

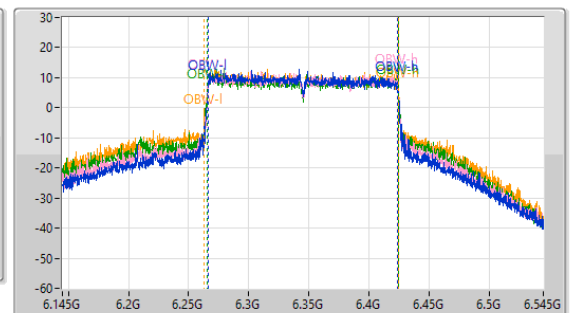
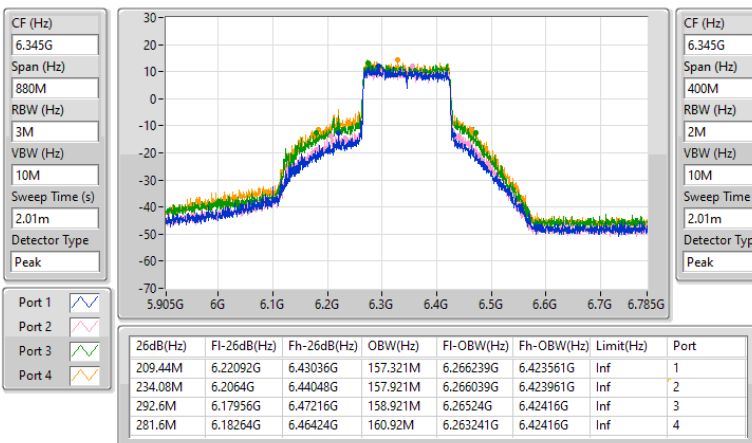


5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
6385MHz

12/11/2024


5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
6345MHz

12/11/2024





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
6.525-6.875GHz	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	28.24	0.66681	30.24	1.05682
802.11be EHT40_Nss1,(MCS0)_4TX	28.46	0.70146	30.46	1.11173
802.11be EHT80_Nss1,(MCS0)_4TX	28.61	0.72611	30.61	1.15080
802.11be EHT160_Nss1,(MCS0)_4TX	22.30	0.16982	24.30	0.26915

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6535MHz	Pass	2.00	17.40	17.44	17.67	17.80	23.60	Inf	25.60	36.00
6695MHz	Pass	2.00	21.00	22.12	22.57	22.94	28.24	Inf	30.24	36.00
6855MHz	Pass	2.00	20.51	20.64	20.70	21.21	26.79	Inf	28.79	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6565MHz	Pass	2.00	22.07	22.46	22.65	22.41	28.42	Inf	30.42	36.00
6685MHz	Pass	2.00	21.13	22.26	23.04	23.07	28.46	Inf	30.46	36.00
6845MHz	Pass	2.00	18.89	18.65	18.94	18.89	24.86	Inf	26.86	36.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	2.00	21.84	22.74	22.90	22.81	28.61	Inf	30.61	36.00
6705MHz	Pass	2.00	21.11	22.06	23.01	23.02	28.39	Inf	30.39	36.00
6785MHz	Pass	2.00	20.85	21.19	22.42	22.19	27.73	Inf	29.73	36.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	2.00	16.62	16.07	16.33	16.09	22.30	Inf	24.30	36.00

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



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result_
Radio 3**

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
6.525-6.875GHz	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	14.34	0.02716	14.34	0.02716
802.11be EHT40_Nss1,(MCS0)_4TX	13.34	0.02157	13.34	0.02157
802.11be EHT80_Nss1,(MCS0)_4TX	13.24	0.02108	13.24	0.02108
802.11be EHT160_Nss1,(MCS0)_4TX	12.60	0.01819	12.60	0.01819



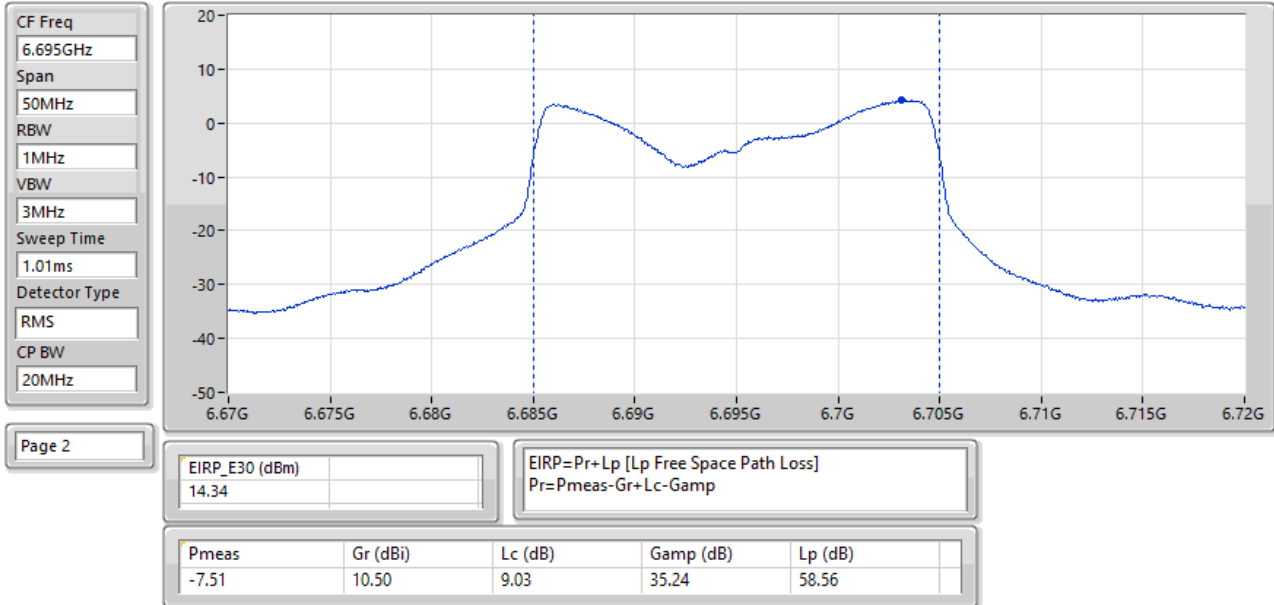
**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result_
Radio 3**

Appendix C.2

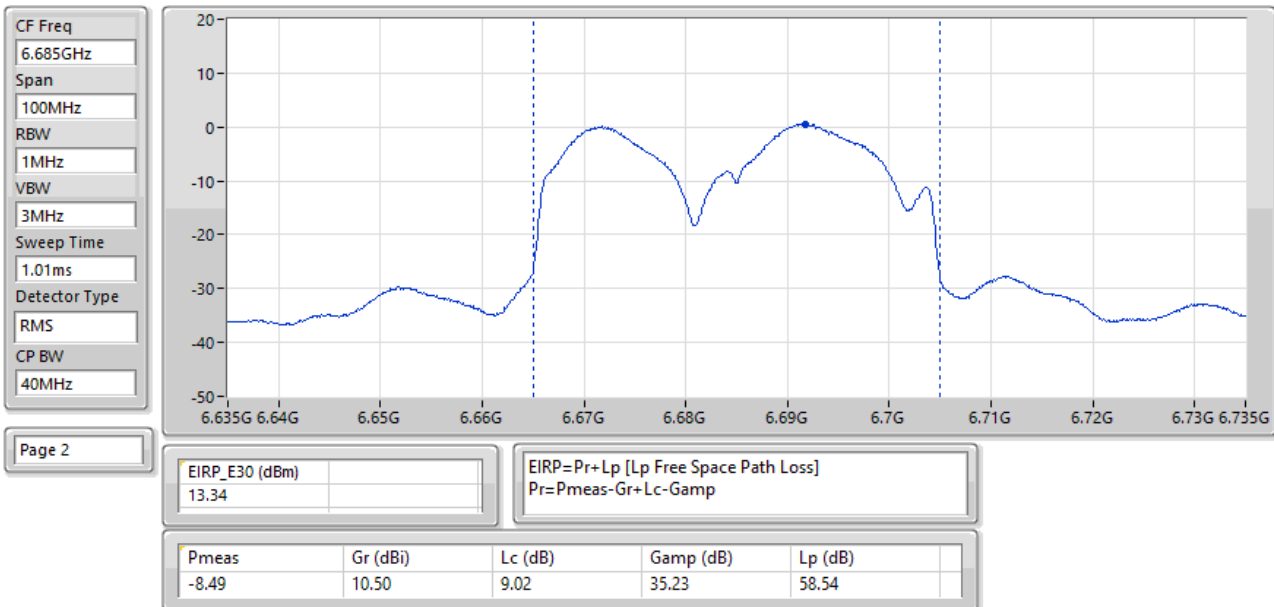
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
6695MHz	Pass	14.34	21.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
6685MHz	Pass	13.34	21.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
6625MHz	Pass	13.24	21.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6665MHz	Pass	12.60	21.00

EIRP Elevation above 30°;Band:6.7G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



EIRP Elevation above 30°;Band:6.7G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX

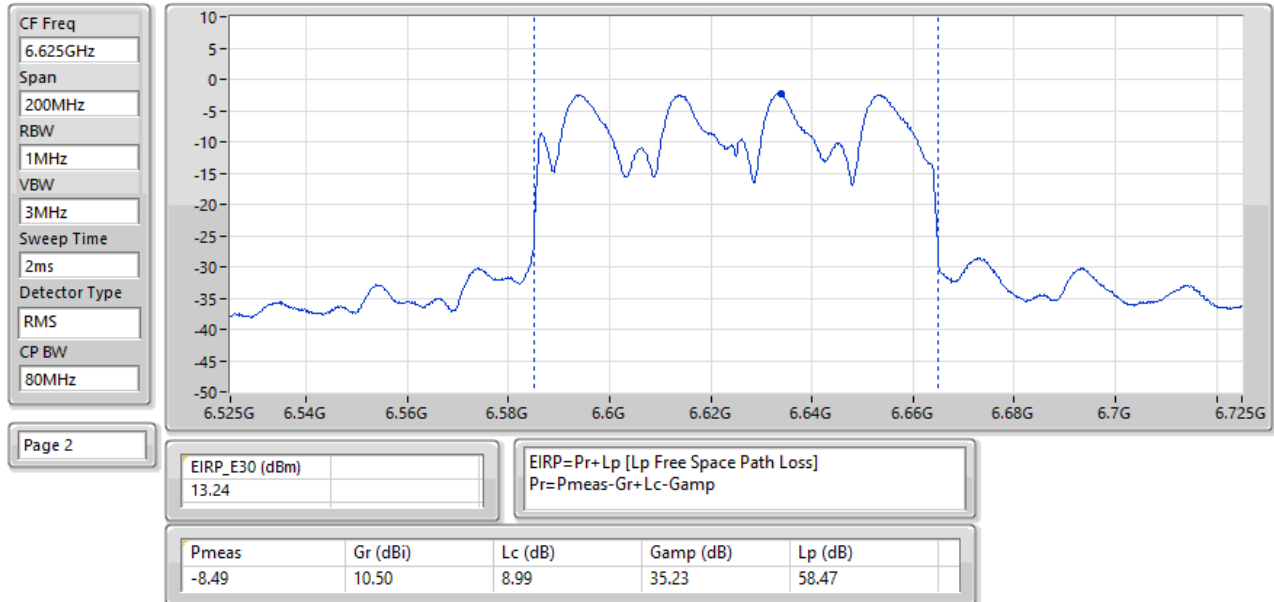




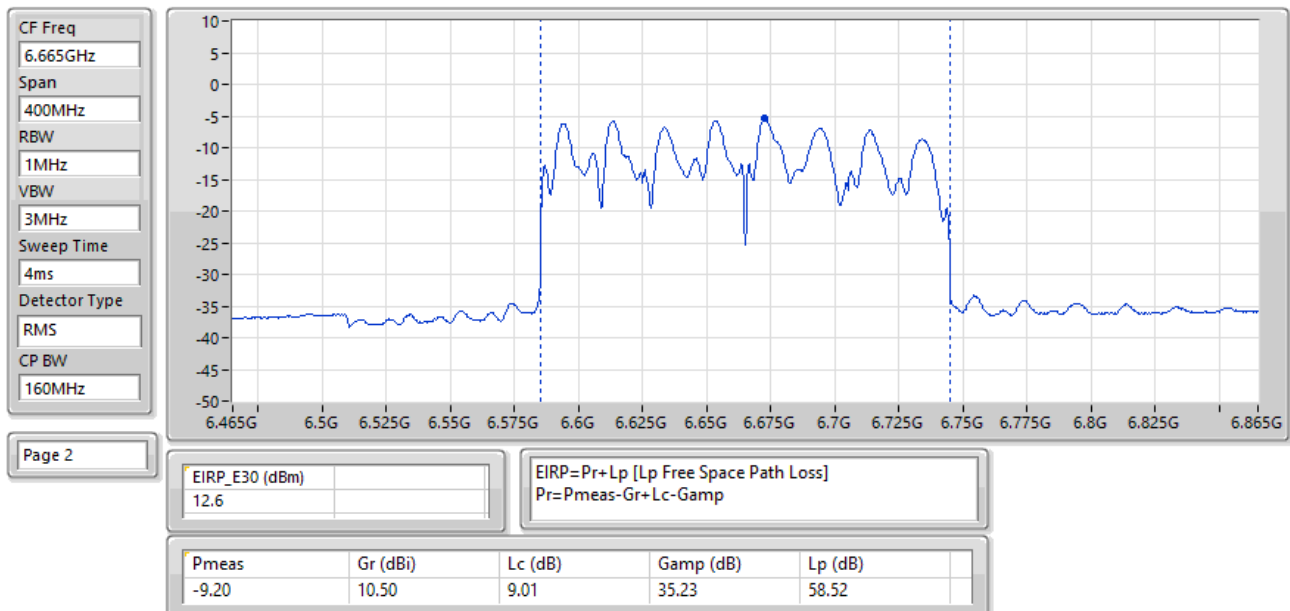
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result_ Radio 3

Appendix C.2

EIRP Elevation above 30°;Band:6.7G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6625MHz;TX



EIRP Elevation above 30°;Band:6.7G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	25.39	0.34594	28.59	0.72277
802.11be EHT40_Nss1,(MCS0)_4TX	26.63	0.46026	29.83	0.96161
802.11be EHT80_Nss1,(MCS0)_4TX	27.80	0.60256	31.00	1.25893
802.11be EHT160_Nss1,(MCS0)_4TX	26.23	0.41976	29.43	0.87700

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	3.20	16.67	16.76	16.63	16.78	22.73	Inf	25.93	36.00
6195MHz	Pass	3.20	19.16	19.28	19.44	19.57	25.39	Inf	28.59	36.00
6415MHz	Pass	3.20	16.02	16.37	15.86	16.49	22.21	Inf	25.41	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	3.20	14.13	14.03	13.93	13.87	20.01	Inf	23.21	36.00
6205MHz	Pass	3.20	20.38	20.35	20.87	20.82	26.63	Inf	29.83	36.00
6405MHz	Pass	3.20	15.53	15.63	15.76	16.03	21.76	Inf	24.96	36.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	3.20	14.28	14.15	14.06	14.09	20.17	Inf	23.37	36.00
6225MHz	Pass	3.20	21.88	21.77	21.60	21.86	27.80	Inf	31.00	36.00
6385MHz	Pass	3.20	19.37	19.48	19.39	19.51	25.46	Inf	28.66	36.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	3.20	13.89	13.88	13.77	13.67	19.82	Inf	23.02	36.00
6185MHz	Pass	3.20	20.04	19.97	20.27	20.52	26.23	Inf	29.43	36.00
6345MHz	Pass	3.20	19.94	19.87	19.29	20.04	25.82	Inf	29.02	36.00

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



MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result_
Radio 4

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	20.06	0.10139	20.06	0.10139
802.11be EHT40_Nss1,(MCS0)_4TX	19.92	0.09817	19.92	0.09817
802.11be EHT80_Nss1,(MCS0)_4TX	19.04	0.08016	19.04	0.08016
802.11be EHT160_Nss1,(MCS0)_4TX	18.65	0.07328	18.65	0.07328



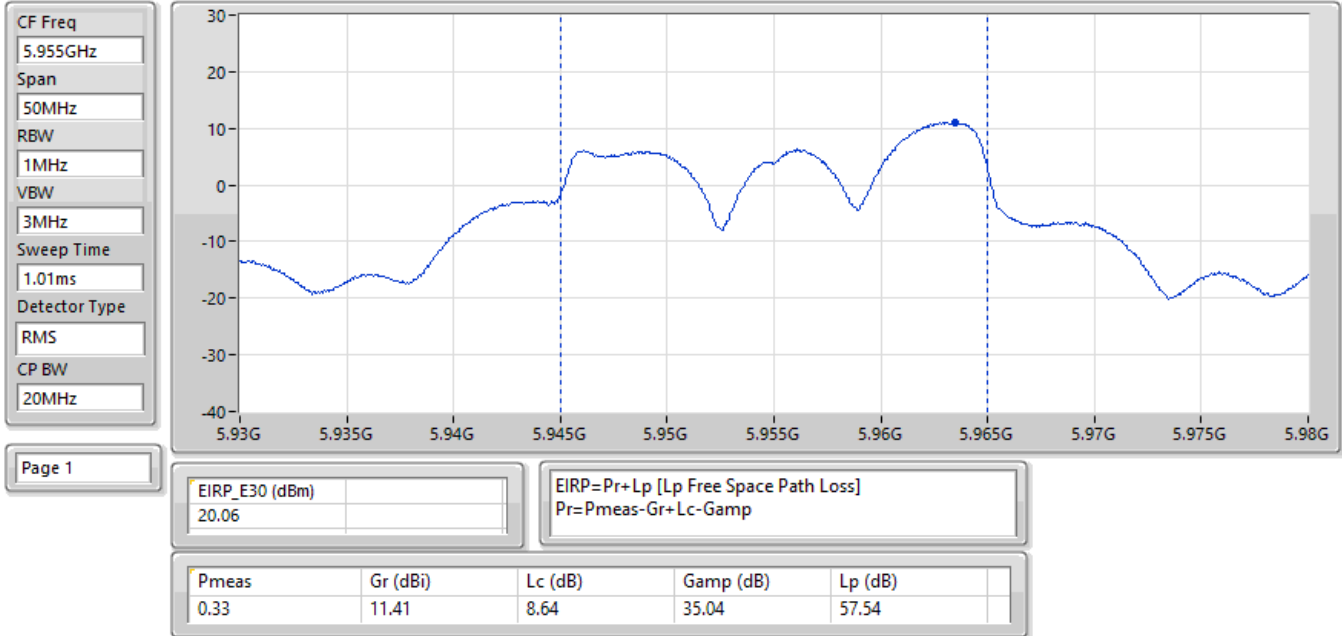
**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result_
Radio 4**

Appendix C.4

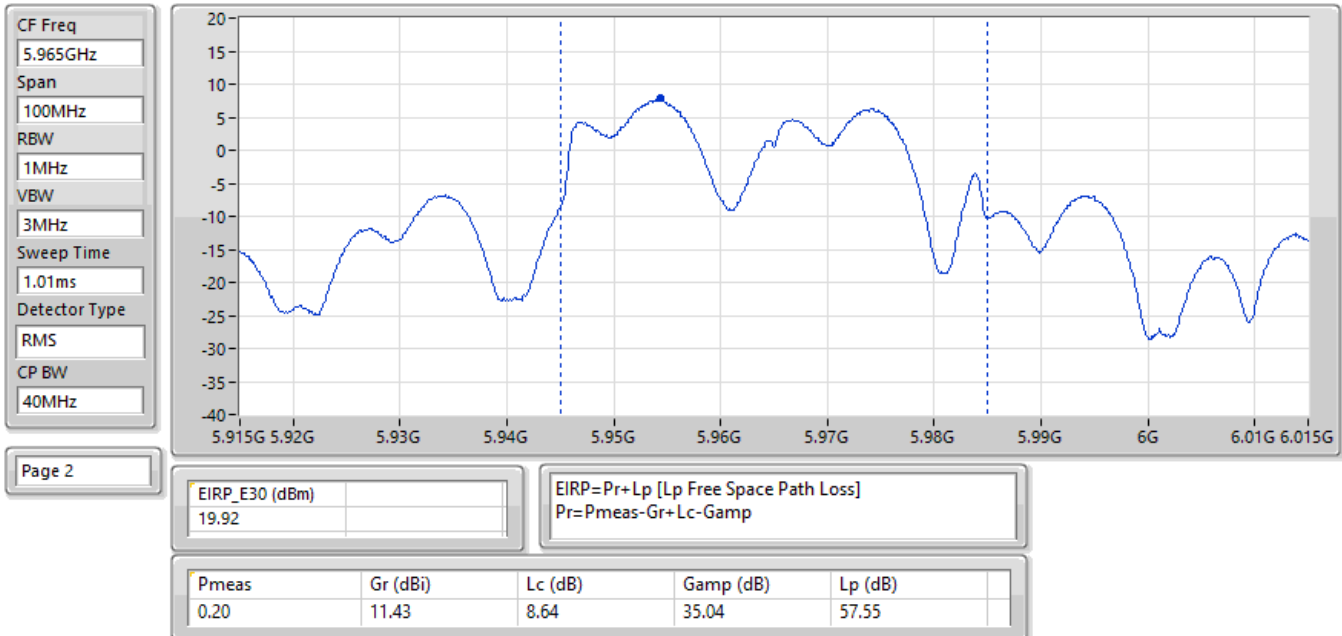
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	20.06	21.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	19.92	21.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	19.04	21.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	18.65	21.00

EIRP Elevation above 30°;Band:6.2G;be20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



EIRP Elevation above 30°;Band:6.2G;be40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX

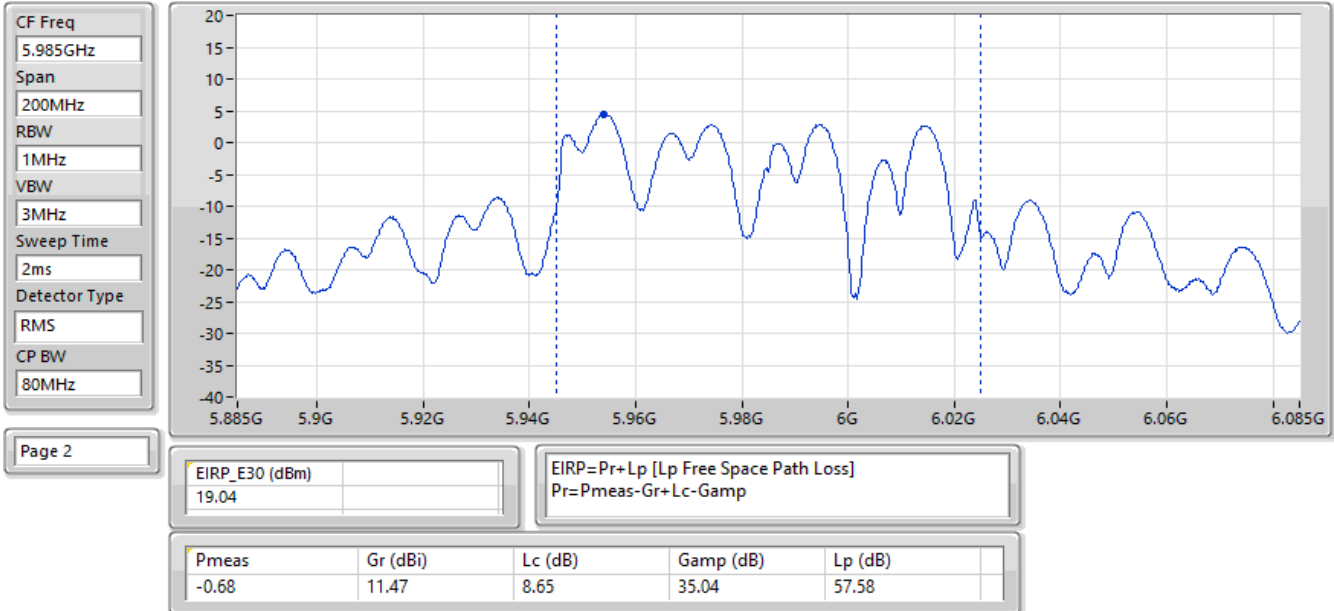




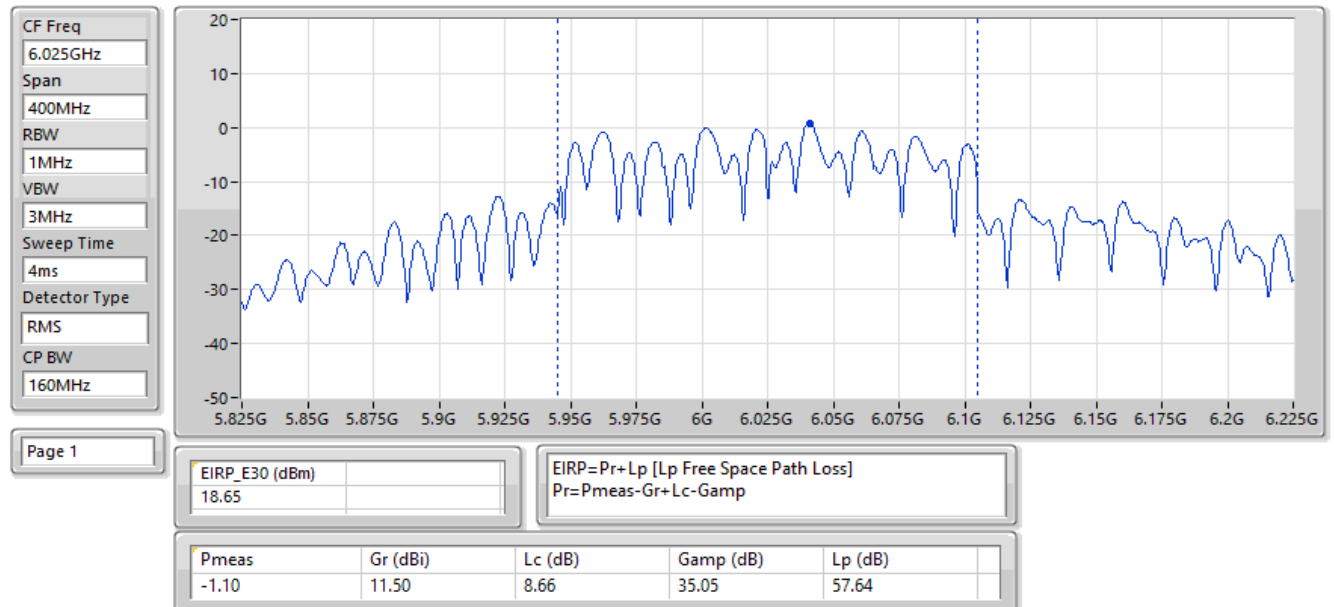
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result_ Radio 4

Appendix C.4

EIRP Elevation above 30°;Band:6.2G;be80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:5985MHz;TX



EIRP Elevation above 30°;Band:6.2G;be160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6025MHz;TX



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
6.525-6.875GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	14.19	16.19
802.11be EHT40_Nss1,(MCS0)_4TX	11.42	13.42
802.11be EHT80_Nss1,(MCS0)_4TX	8.50	10.50
802.11be EHT160_Nss1,(MCS0)_4TX	-0.27	1.73

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6535MHz	Pass	2.00	3.60	3.56	3.92	3.90	9.69	Inf	11.69	23.00
6695MHz	Pass	2.00	6.80	8.30	8.65	8.91	14.19	Inf	16.19	23.00
6855MHz	Pass	2.00	6.43	6.60	6.73	7.10	12.64	Inf	14.64	23.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6565MHz	Pass	2.00	5.04	5.44	5.55	5.22	11.18	Inf	13.18	23.00
6685MHz	Pass	2.00	3.90	5.42	6.17	6.17	11.42	Inf	13.42	23.00
6845MHz	Pass	2.00	1.86	1.72	1.98	1.88	7.77	Inf	9.77	23.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	2.00	2.21	2.78	2.85	2.67	8.50	Inf	10.50	23.00
6705MHz	Pass	2.00	0.89	2.40	3.13	3.09	8.41	Inf	10.41	23.00
6785MHz	Pass	2.00	0.53	1.16	2.47	2.44	7.68	Inf	9.68	23.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	2.00	-5.66	-6.09	-6.28	-6.38	-0.27	Inf	1.73	23.00

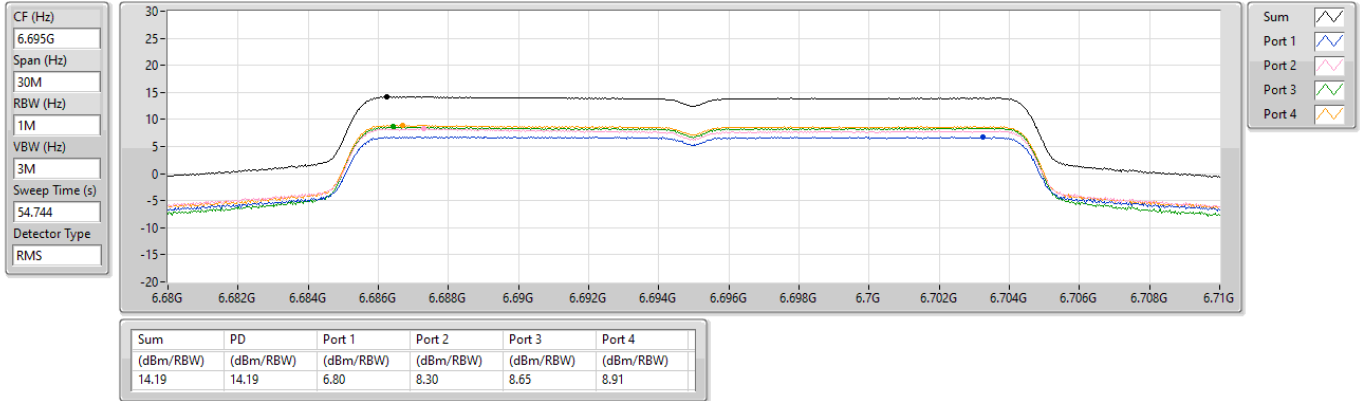
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

6695MHz

12/11/2024

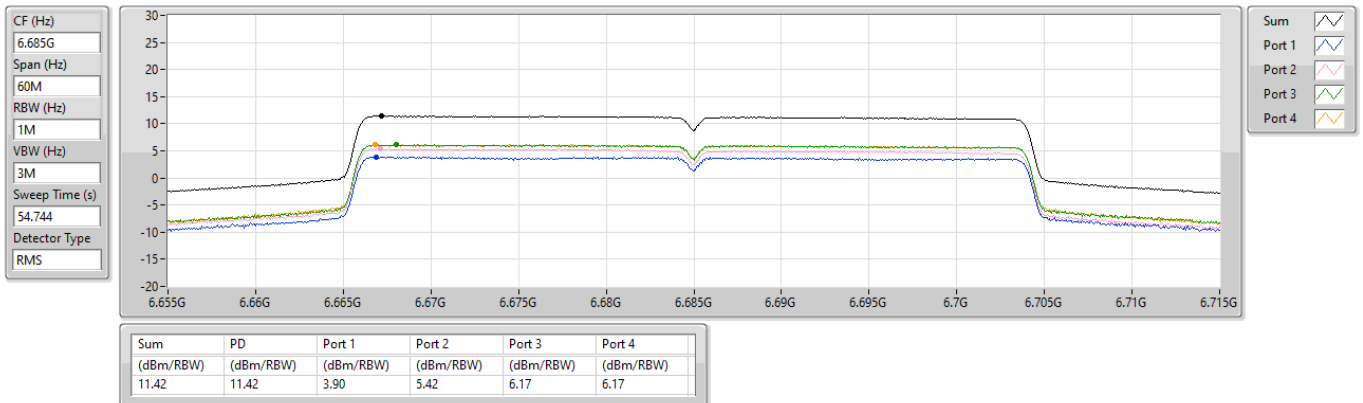


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

6685MHz

12/11/2024



6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

6625MHz

12/11/2024

CF (Hz)
6.625G

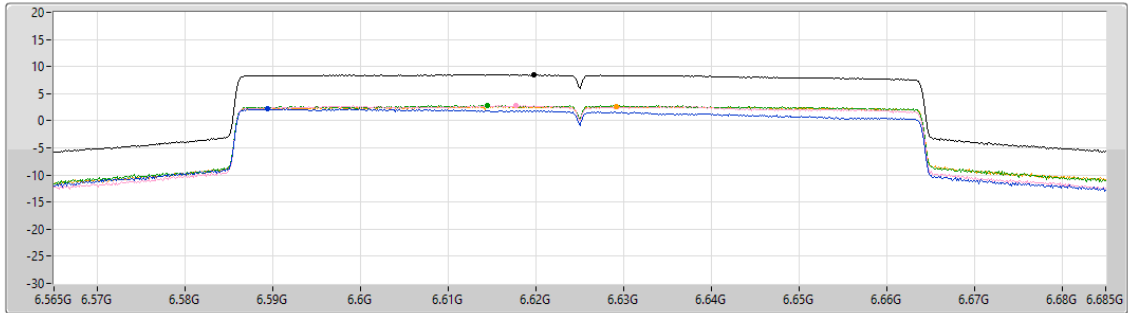
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.50	8.50	2.21	2.78	2.85	2.67

6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

6665MHz

12/11/2024

CF (Hz)
6.665G

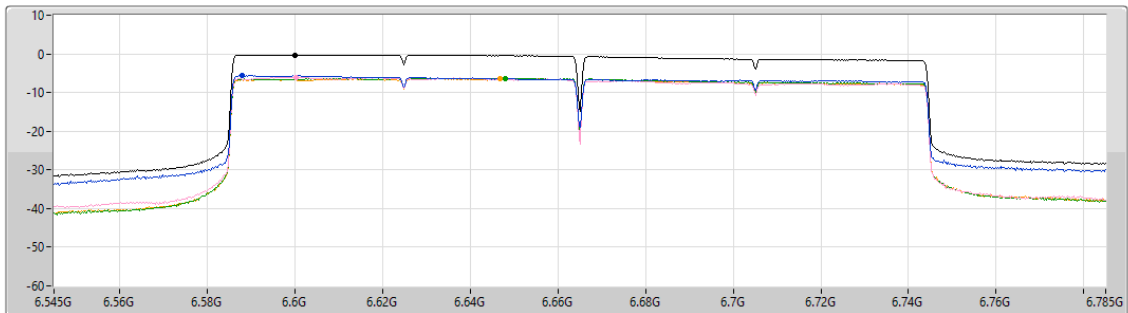
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.27	-0.27	-5.66	-6.09	-6.28	-6.38



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	11.76	14.96
802.11be EHT40_Nss1,(MCS0)_4TX	10.09	13.29
802.11be EHT80_Nss1,(MCS0)_4TX	7.98	11.18
802.11be EHT160_Nss1,(MCS0)_4TX	3.59	6.79

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	3.20	2.88	3.05	2.97	3.11	8.95	Inf	12.15	23.00
6195MHz	Pass	3.20	5.32	5.82	5.91	6.30	11.76	Inf	14.96	23.00
6415MHz	Pass	3.20	2.45	3.03	2.48	2.92	8.62	Inf	11.82	23.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	3.20	-2.81	-2.75	-2.76	-2.90	3.11	Inf	6.31	23.00
6205MHz	Pass	3.20	3.95	4.06	4.44	4.48	10.09	Inf	13.29	23.00
6405MHz	Pass	3.20	-0.93	-0.83	-0.75	-0.60	5.01	Inf	8.21	23.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	3.20	-5.79	-5.66	-5.81	-5.84	0.06	Inf	3.26	23.00
6225MHz	Pass	3.20	2.15	2.10	2.01	2.17	7.98	Inf	11.18	23.00
6385MHz	Pass	3.20	-0.08	-0.29	-0.23	-0.29	5.47	Inf	8.67	23.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	3.20	-8.95	-8.79	-8.83	-9.16	-3.16	Inf	0.04	23.00
6185MHz	Pass	3.20	-2.71	-2.83	-2.21	-2.13	3.38	Inf	6.58	23.00
6345MHz	Pass	3.20	-2.10	-2.61	-2.69	-1.84	3.59	Inf	6.79	23.00

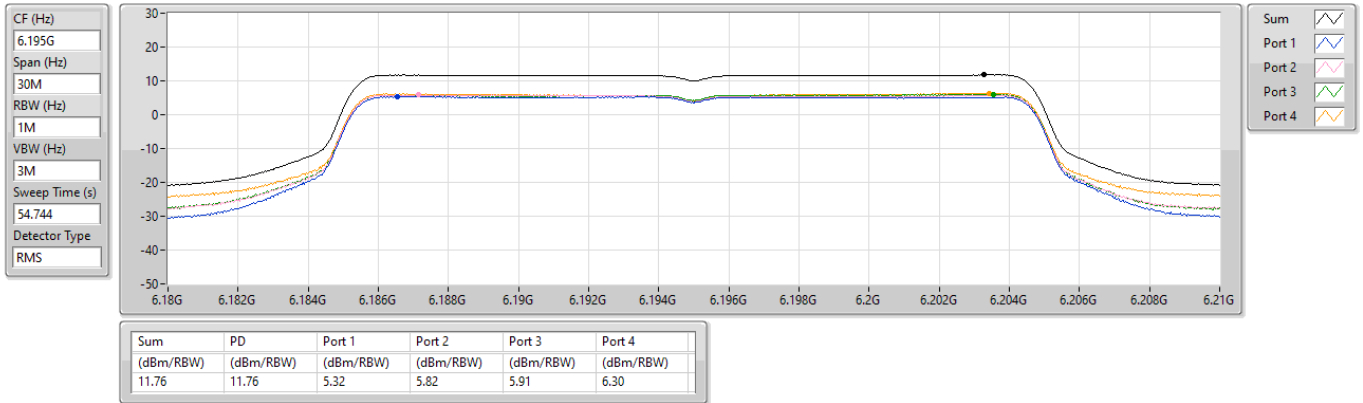
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

6195MHz

18/11/2024

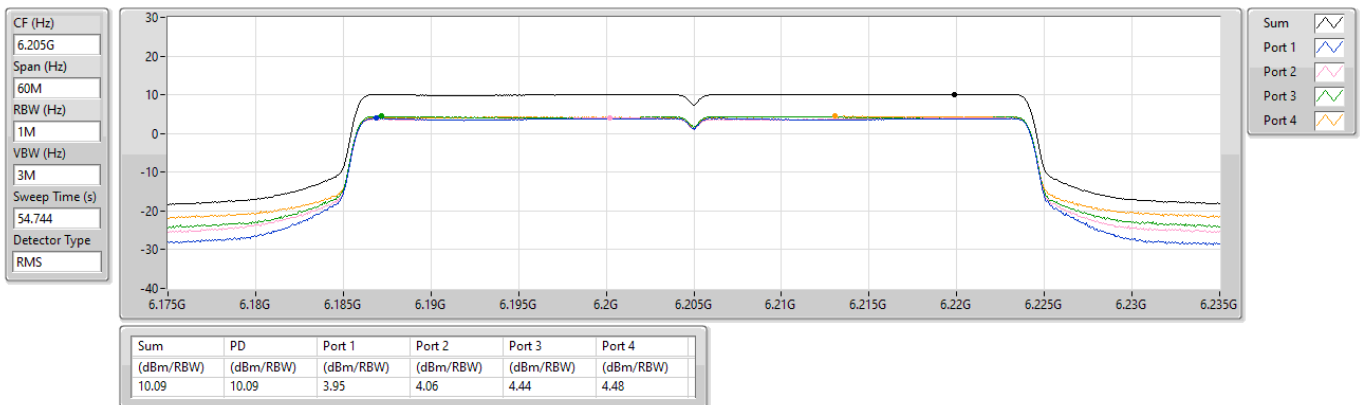


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

6205MHz

18/11/2024



5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

6225MHz

12/11/2024

CF (Hz)
6.225G

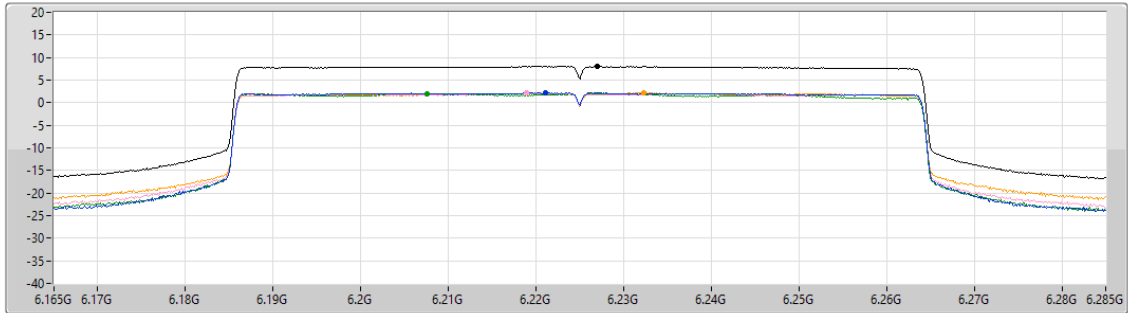
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	2.15	2.10	2.01	2.17

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

6345MHz

12/11/2024

CF (Hz)
6.345G

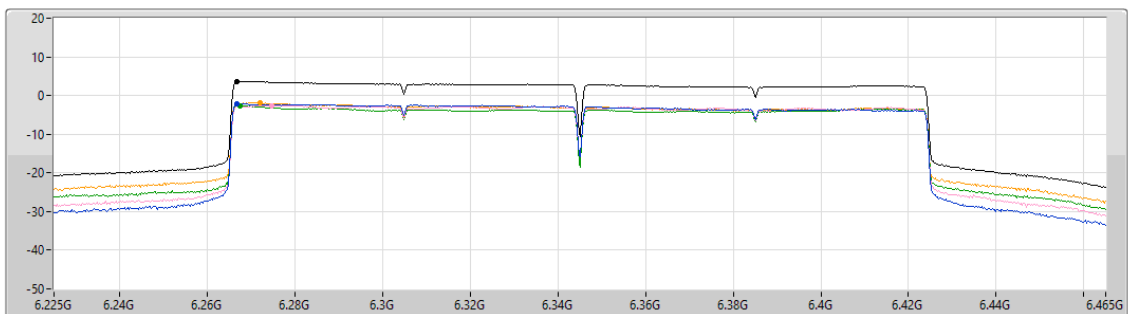
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.734

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.59	3.59	-2.10	-2.61	-2.69	-1.84



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	6.543873G	0.80	6.556075G	-29.06	-24.42	-4.64	4
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	6.567899G	7.15	6.6285G	-17.31	-12.97	-4.34	1
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	6.6212G	9.29	6.7396G	-15.96	-10.76	-5.20	2
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	6.59582G	-1.26	6.8738G	-39.07	-35.31	-3.76	2

Result

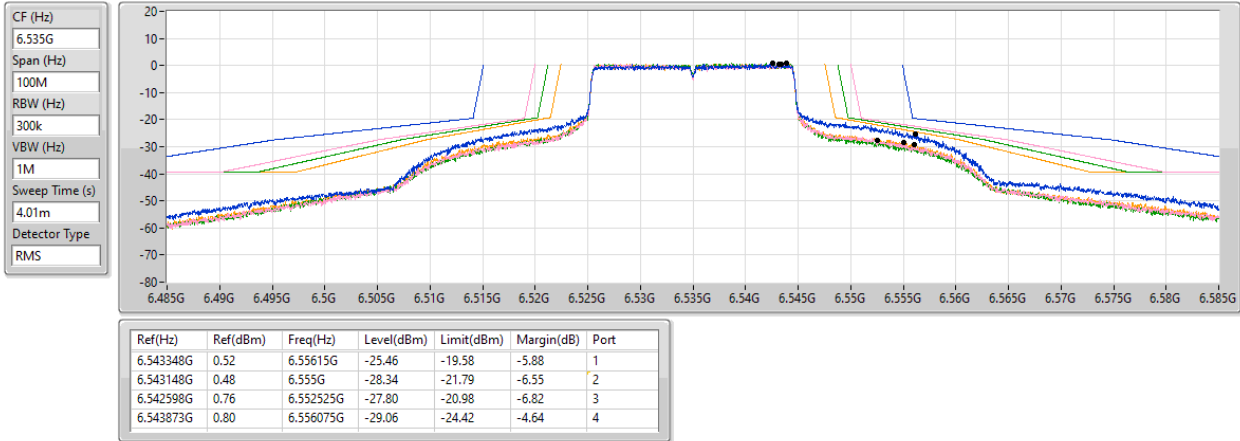
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6535MHz	Pass	6.543348G	0.52	6.55615G	-25.46	-19.58	-5.88	1
6535MHz	Pass	6.543148G	0.48	6.555G	-28.34	-21.79	-6.55	2
6535MHz	Pass	6.542598G	0.76	6.552525G	-27.80	-20.98	-6.82	3
6535MHz	Pass	6.543873G	0.80	6.556075G	-29.06	-24.42	-4.64	4
6695MHz	Pass	6.689676G	6.09	6.66145G	-19.16	-13.93	-5.23	1
6695MHz	Pass	6.688002G	7.28	6.659625G	-20.29	-12.80	-7.49	2
6695MHz	Pass	6.686427G	7.91	6.666725G	-19.42	-12.25	-7.17	3
6695MHz	Pass	6.687227G	8.18	6.6622G	-19.94	-11.90	-8.04	4
6855MHz	Pass	6.859549G	6.11	6.881575G	-21.10	-13.96	-7.14	1
6855MHz	Pass	6.848652G	6.03	6.8846G	-21.50	-14.14	-7.36	2
6855MHz	Pass	6.856275G	6.05	6.8814G	-22.44	-13.99	-8.45	3
6855MHz	Pass	6.846577G	6.80	6.882425G	-19.60	-13.27	-6.33	4
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6565MHz	Pass	6.567899G	7.15	6.6285G	-17.31	-12.97	-4.34	1
6565MHz	Pass	6.558002G	7.60	6.63315G	-17.78	-12.65	-5.13	2
6565MHz	Pass	6.550154G	7.71	6.633G	-17.74	-12.32	-5.42	3
6565MHz	Pass	6.579346G	7.49	6.6326G	-17.88	-12.54	-5.34	4
6685MHz	Pass	6.681701G	5.92	6.7572G	-20.38	-14.08	-6.30	1
6685MHz	Pass	6.676602G	7.68	6.75675G	-21.08	-12.32	-8.76	2
6685MHz	Pass	6.671253G	8.27	6.7492G	-18.05	-11.74	-6.31	3
6685MHz	Pass	6.668554G	8.30	6.62285G	-17.57	-11.82	-5.75	4
6845MHz	Pass	6.863345G	4.13	6.89245G	-22.97	-15.88	-7.09	1
6845MHz	Pass	6.853248G	4.09	6.89435G	-24.02	-15.93	-8.09	2
6845MHz	Pass	6.856497G	4.21	6.8855G	-20.94	-15.79	-5.15	3
6845MHz	Pass	6.831353G	4.16	6.888G	-20.90	-15.89	-5.01	4
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6625MHz	Pass	6.58871G	8.69	6.7611G	-17.31	-11.44	-5.87	1
6625MHz	Pass	6.6212G	9.29	6.7396G	-15.96	-10.76	-5.20	2
6625MHz	Pass	6.6076G	9.31	6.7572G	-16.29	-10.76	-5.53	3
6625MHz	Pass	6.6314G	9.21	6.7687G	-17.73	-10.90	-6.83	4
6705MHz	Pass	6.6864G	7.58	6.8652G	-18.64	-12.44	-6.20	1
6705MHz	Pass	6.67091G	8.93	6.8491G	-18.33	-11.20	-7.13	2
6705MHz	Pass	6.67371G	9.62	6.849G	-17.63	-10.79	-6.84	3
6705MHz	Pass	6.66841G	9.63	6.8395G	-16.95	-10.38	-6.57	4
6785MHz	Pass	6.75021G	7.05	6.9387G	-20.46	-13.04	-7.42	1
6785MHz	Pass	6.74861G	7.75	6.9424G	-19.57	-12.32	-7.25	2
6785MHz	Pass	6.75311G	9.00	6.9416G	-19.52	-11.00	-8.52	3
6785MHz	Pass	6.74841G	8.81	6.9361G	-18.60	-11.32	-7.28	4
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6665MHz	Pass	6.60402G	-0.75	6.8132G	-26.15	-21.53	-4.62	1
6665MHz	Pass	6.59582G	-1.26	6.8738G	-39.07	-35.31	-3.76	2
6665MHz	Pass	6.6504G	-1.17	6.8636G	-39.31	-33.38	-5.93	3
6665MHz	Pass	6.6526G	-1.50	6.8658G	-39.45	-33.30	-6.15	4

6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

MASK

6535MHz_TX

12/11/2024

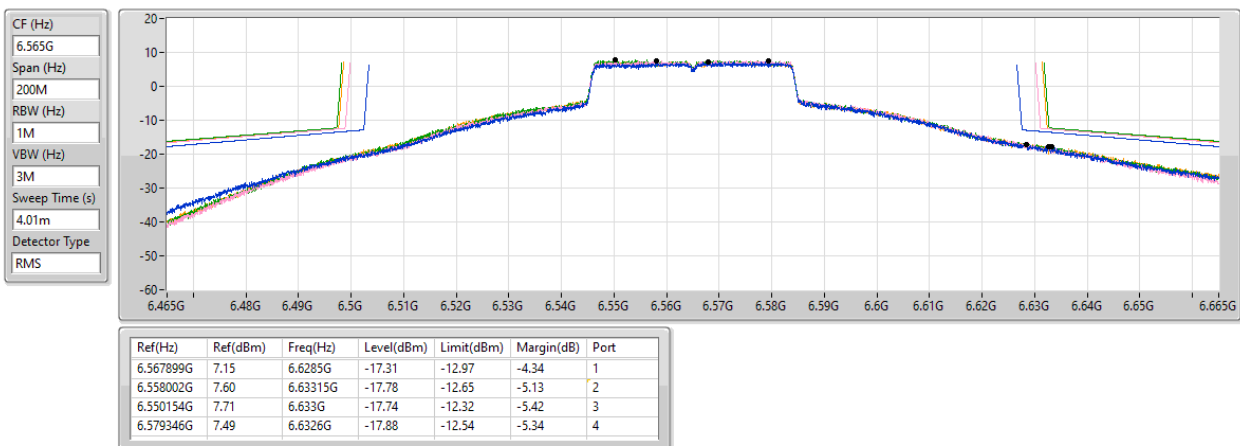


6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

MASK

6565MHz_TX

12/11/2024



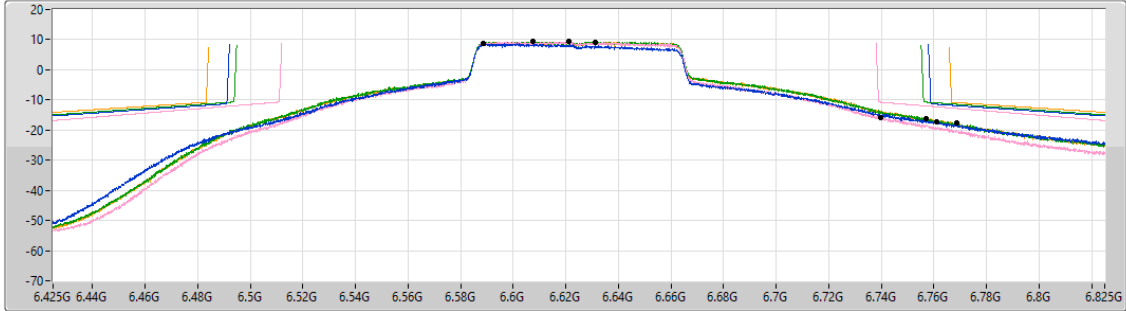
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

MASK

6625MHz_TX

12/11/2024

CF (Hz)
6.625G
Span (Hz)
400M
RBW (Hz)
3M
VBW (Hz)
10M
Sweep Time (s)
4.01m
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.58871G	8.69	6.7611G	-17.31	-11.44	-5.87	1
6.6212G	9.29	6.7396G	-15.96	-10.76	-5.20	2
6.6076G	9.31	6.7572G	-16.29	-10.76	-5.53	3
6.6314G	9.21	6.7687G	-17.73	-10.90	-6.83	4

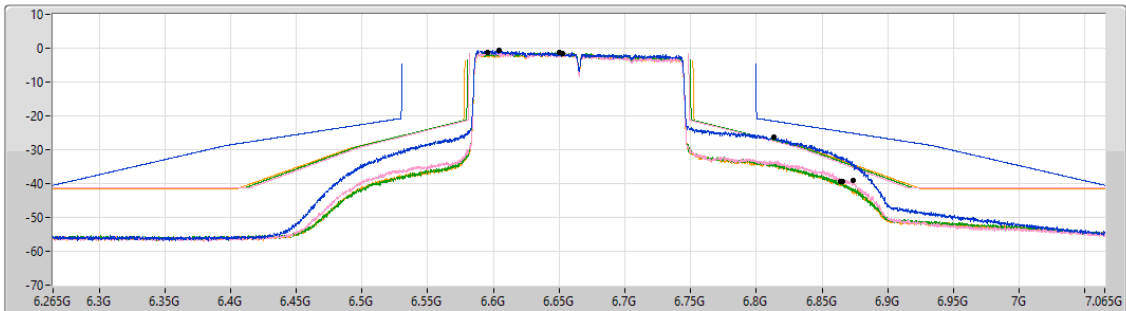
6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

MASK

6665MHz_TX

12/11/2024

CF (Hz)
6.665G
Span (Hz)
800M
RBW (Hz)
2M
VBW (Hz)
10M
Sweep Time (s)
4.01m
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.60402G	-0.75	6.8132G	-26.15	-21.53	-4.62	1
6.59582G	-1.26	6.8738G	-39.07	-35.31	-3.76	2
6.6504G	-1.17	6.8636G	-39.31	-33.38	-5.93	3
6.6526G	-1.50	6.8658G	-39.45	-33.30	-6.15	4



Summary

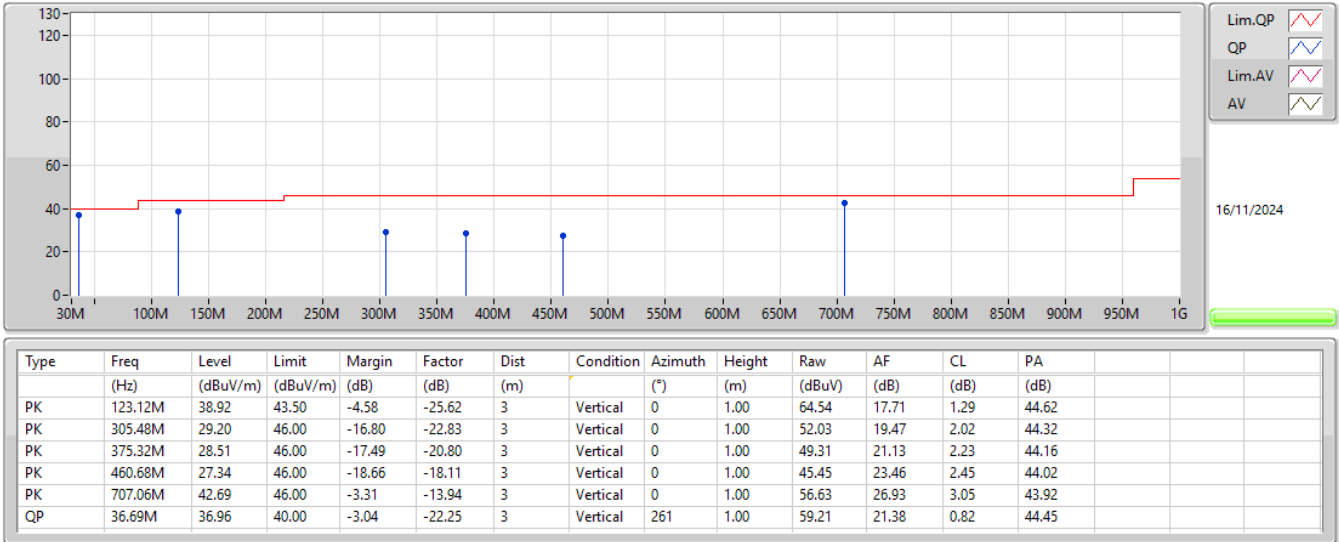
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	QP	36.69M	36.96	40.00	-3.04	3	Vertical	261	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz_PoE	Pass	PK	123.12M	38.92	43.50	-4.58	3	Vertical	0	1.00
6665MHz_PoE	Pass	PK	305.48M	29.20	46.00	-16.80	3	Vertical	0	1.00
6665MHz_PoE	Pass	PK	375.32M	28.51	46.00	-17.49	3	Vertical	0	1.00
6665MHz_PoE	Pass	PK	460.68M	27.34	46.00	-18.66	3	Vertical	0	1.00
6665MHz_PoE	Pass	PK	707.06M	42.69	46.00	-3.31	3	Vertical	0	1.00
6665MHz_PoE	Pass	QP	36.69M	36.96	40.00	-3.04	3	Vertical	261	1.00
6665MHz_PoE	Pass	PK	123.12M	38.46	43.50	-5.04	3	Horizontal	360	1.00
6665MHz_PoE	Pass	PK	305.48M	30.24	46.00	-15.76	3	Horizontal	360	1.00
6665MHz_PoE	Pass	PK	394.72M	26.92	46.00	-19.08	3	Horizontal	360	1.00
6665MHz_PoE	Pass	PK	499.48M	25.58	46.00	-20.42	3	Horizontal	360	1.00
6665MHz_PoE	Pass	PK	718.7M	41.29	46.00	-4.71	3	Horizontal	360	1.00
6665MHz_PoE	Pass	QP	37.76M	28.73	40.00	-11.27	3	Horizontal	269	1.00

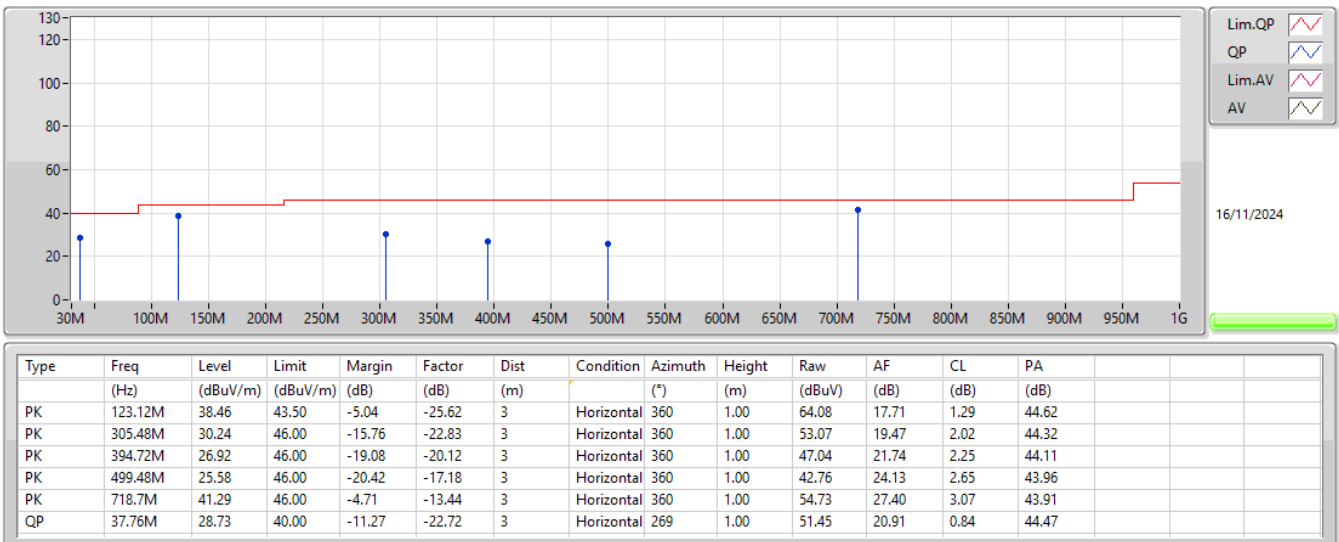
6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6665MHz_PoE



6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6665MHz_PoE



Summary

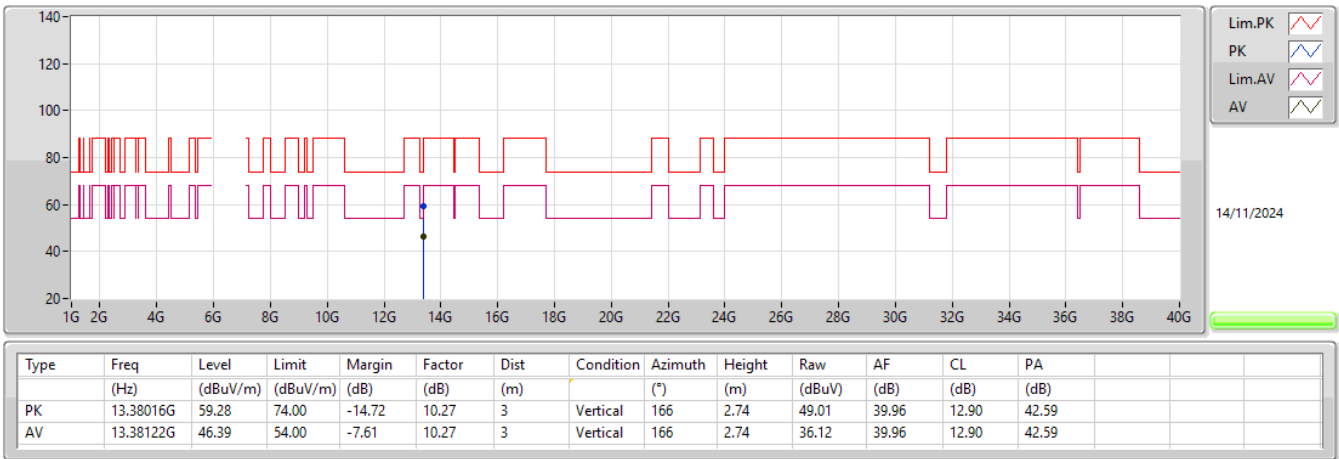
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	13.38122G	46.39	54.00	-7.61	3	Vertical	166	2.74
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	13.37498G	46.70	54.00	-7.30	3	Vertical	274	2.96
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	AV	13.57372G	48.59	68.20	-19.61	3	Vertical	100	1.77
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	PK	13.39744G	56.44	74.00	-17.56	3	Vertical	274	3.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6535MHz	Pass	AV	13.07147G	49.55	68.20	-18.65	3	Vertical	281	1.76
6535MHz	Pass	PK	13.07108G	61.15	88.20	-27.05	3	Vertical	281	1.76
6535MHz	Pass	AV	13.06982G	44.09	68.20	-24.11	3	Horizontal	135	1.86
6535MHz	Pass	PK	13.07195G	56.77	88.20	-31.43	3	Horizontal	135	1.86
6695MHz	Pass	PK	13.38016G	59.28	74.00	-14.72	3	Vertical	166	2.74
6695MHz	Pass	AV	13.38122G	46.39	54.00	-7.61	3	Vertical	166	2.74
6695MHz	Pass	PK	13.39455G	55.86	74.00	-18.14	3	Horizontal	348	2.33
6695MHz	Pass	AV	13.38564G	43.47	54.00	-10.53	3	Horizontal	348	2.33
6855MHz	Pass	AV	13.71462G	52.57	68.20	-15.63	3	Vertical	109	2.22
6855MHz	Pass	PK	13.71441G	64.43	88.20	-23.77	3	Vertical	109	2.22
6855MHz	Pass	AV	13.70895G	44.77	68.20	-23.43	3	Horizontal	145	1.78
6855MHz	Pass	PK	13.70916G	56.98	88.20	-31.22	3	Horizontal	145	1.78
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6565MHz	Pass	AV	13.13024G	47.93	68.20	-20.27	3	Vertical	115	1.82
6565MHz	Pass	PK	13.13168G	59.36	88.20	-28.84	3	Vertical	115	1.82
6565MHz	Pass	AV	13.13108G	43.11	68.20	-25.09	3	Horizontal	116	1.50
6565MHz	Pass	PK	13.11194G	55.27	88.20	-32.93	3	Horizontal	116	1.50
6685MHz	Pass	AV	13.37498G	46.70	54.00	-7.30	3	Vertical	274	2.96
6685MHz	Pass	PK	13.35698G	58.34	74.00	-15.66	3	Vertical	274	2.96
6685MHz	Pass	AV	13.39982G	43.72	54.00	-10.28	3	Horizontal	166	1.50
6685MHz	Pass	PK	13.37582G	56.10	74.00	-17.90	3	Horizontal	166	1.50
6845MHz	Pass	AV	13.68226G	49.07	68.20	-19.13	3	Vertical	283	1.82
6845MHz	Pass	PK	13.70062G	61.70	88.20	-26.50	3	Vertical	283	1.82
6845MHz	Pass	AV	13.70506G	44.16	68.20	-24.04	3	Horizontal	274	2.71
6845MHz	Pass	PK	13.70086G	56.38	88.20	-31.82	3	Horizontal	274	2.71
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6625MHz	Pass	PK	13.2497G	56.40	88.20	-31.80	3	Vertical	147	3.00
6625MHz	Pass	AV	13.24997G	46.39	68.20	-21.81	3	Vertical	147	3.00
6625MHz	Pass	PK	13.24847G	55.53	88.20	-32.67	3	Horizontal	76	1.50
6625MHz	Pass	AV	13.24998G	42.80	68.20	-25.40	3	Horizontal	76	1.50
6705MHz	Pass	AV	13.40988G	46.29	68.20	-21.91	3	Vertical	174	2.44
6705MHz	Pass	PK	13.45104G	56.48	88.20	-31.72	3	Vertical	174	2.44
6705MHz	Pass	AV	13.46676G	43.85	68.20	-24.35	3	Horizontal	3	1.50
6705MHz	Pass	PK	13.44156G	55.58	88.20	-32.62	3	Horizontal	3	1.50
6785MHz	Pass	AV	13.57372G	48.59	68.20	-19.61	3	Vertical	100	1.77
6785MHz	Pass	PK	13.55284G	59.88	88.20	-28.32	3	Vertical	100	1.77
6785MHz	Pass	AV	13.57516G	44.73	68.20	-23.47	3	Horizontal	154	2.96
6785MHz	Pass	PK	13.54984G	56.28	88.20	-31.92	3	Horizontal	154	2.96
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	AV	13.41424G	44.62	68.20	-23.58	3	Vertical	274	3.00
6665MHz	Pass	PK	13.39744G	56.44	74.00	-17.56	3	Vertical	274	3.00
6665MHz	Pass	AV	13.44016G	44.10	68.20	-24.10	3	Horizontal	122	2.82
6665MHz	Pass	PK	13.37056G	55.17	74.00	-18.83	3	Horizontal	122	2.82

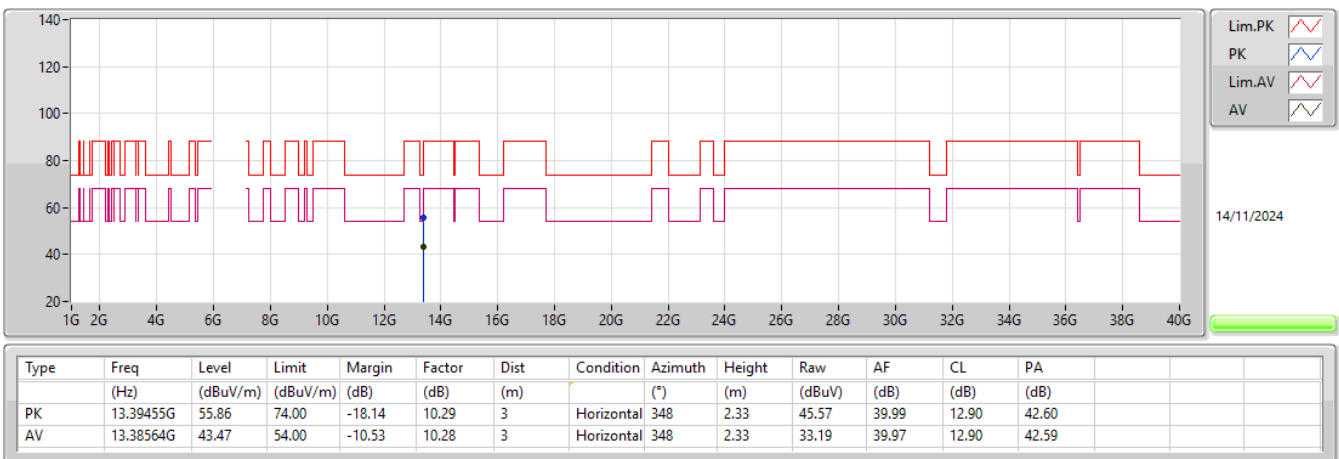
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

6695MHz_TX



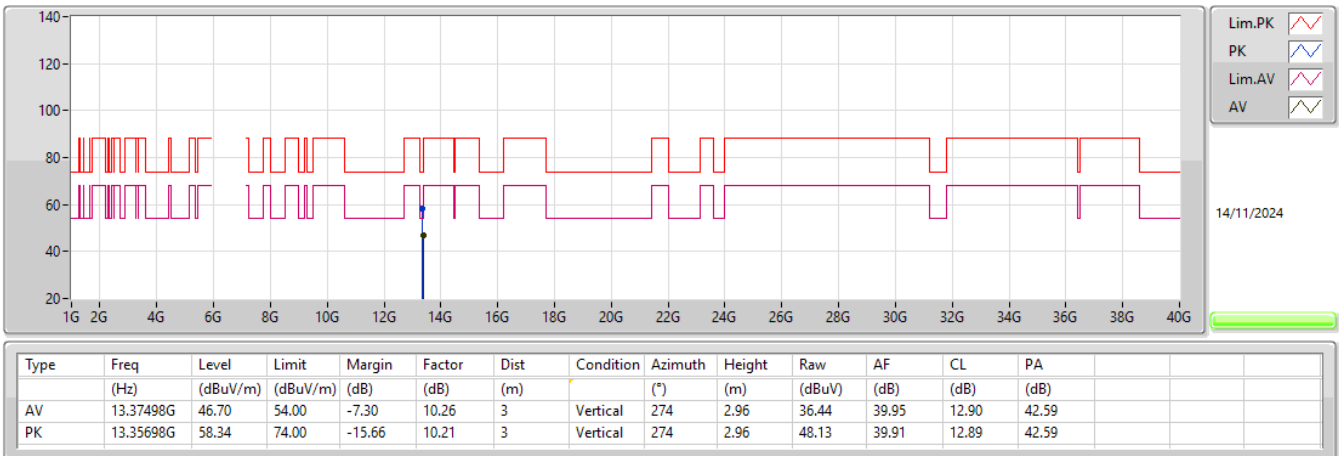
6.525-6.875GHz_802.11be EHT20_Nss1,(MCS0)_4TX

6695MHz_TX



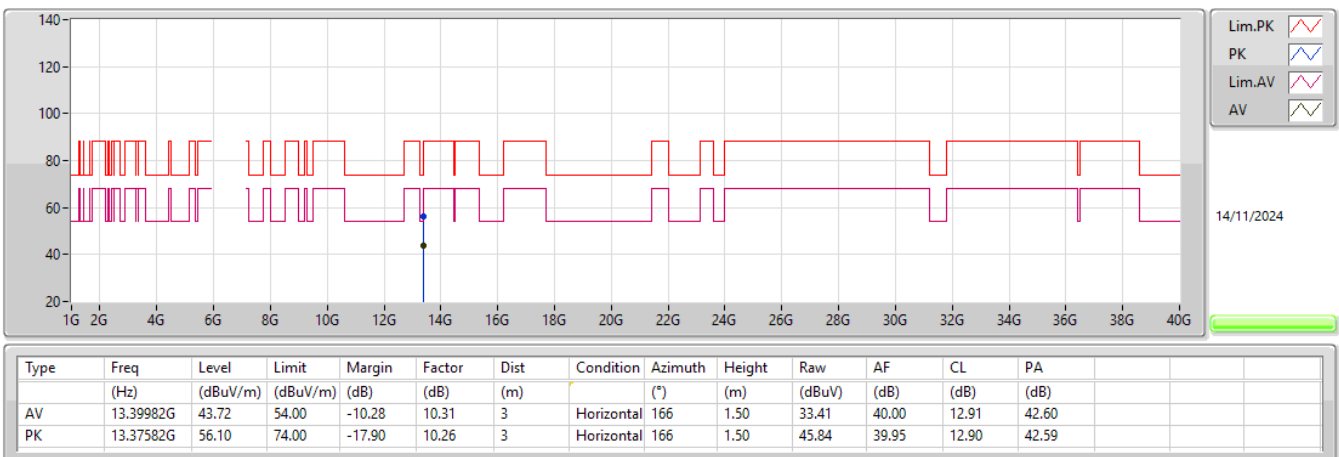
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

6685MHz_TX



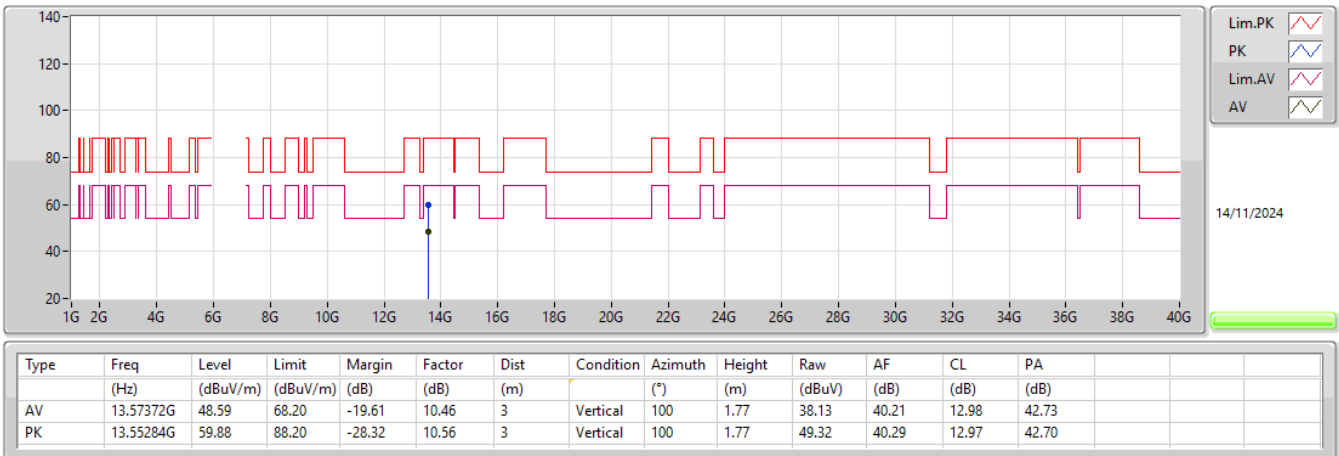
6.525-6.875GHz_802.11be EHT40_Nss1,(MCS0)_4TX

6685MHz_TX



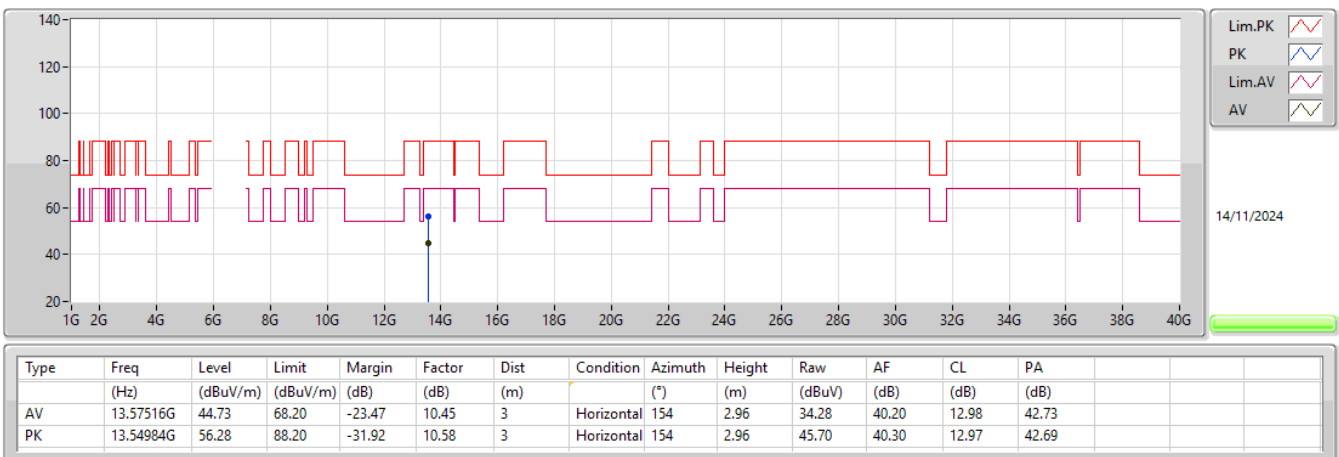
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

6785MHz_TX



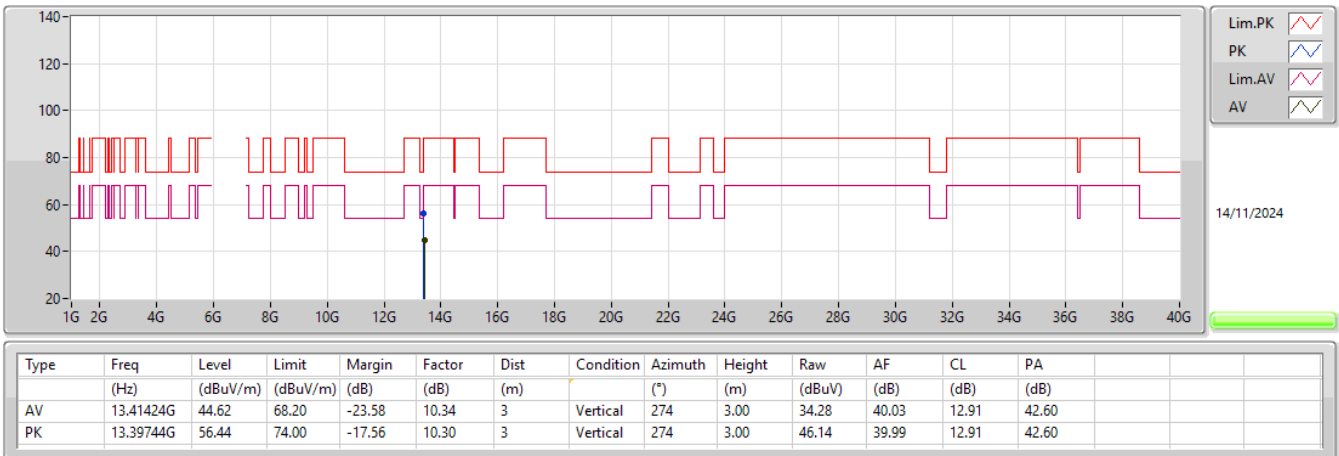
6.525-6.875GHz_802.11be EHT80_Nss1,(MCS0)_4TX

6785MHz_TX



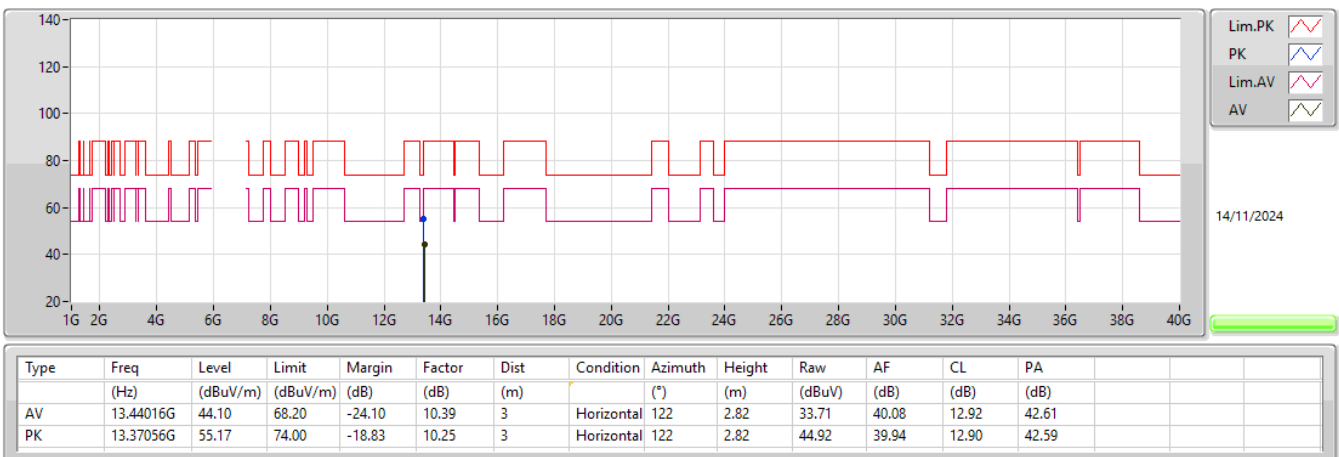
6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6665MHz_TX



6.525-6.875GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6665MHz_TX



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	6.202423G	1.66	6.21595G	-31.20	-24.86	-6.34	4
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	6.202351G	3.80	6.1686G	-25.69	-20.81	-4.88	3
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	6.35051G	1.82	6.3107G	-22.34	-18.89	-3.45	4
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	6.27162G	4.56	6.1942G	-19.75	-15.96	-3.79	4

Result

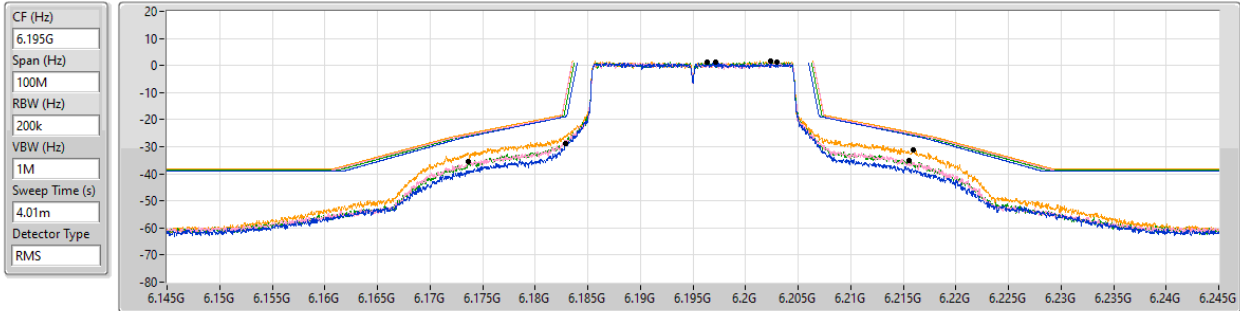
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.956975G	-1.88	5.967175G	-34.94	-21.96	-12.98	1
5955MHz	Pass	5.9565G	-1.55	5.942425G	-37.04	-21.45	-15.59	2
5955MHz	Pass	5.946052G	-1.63	5.9433G	-32.02	-21.13	-10.89	3
5955MHz	Pass	5.947952G	-1.46	5.942875G	-34.80	-21.54	-13.26	4
6195MHz	Pass	6.1964G	1.21	6.182875G	-28.89	-18.89	-10.00	1
6195MHz	Pass	6.202998G	1.09	6.1736G	-35.44	-25.70	-9.74	2
6195MHz	Pass	6.197174G	1.22	6.21555G	-34.97	-25.22	-9.75	3
6195MHz	Pass	6.202423G	1.66	6.21595G	-31.20	-24.86	-6.34	4
6415MHz	Pass	6.407202G	-2.36	6.402775G	-35.59	-22.38	-13.21	1
6415MHz	Pass	6.407152G	-1.56	6.40325G	-31.85	-21.56	-10.29	2
6415MHz	Pass	6.423573G	-2.19	6.4027G	-35.30	-22.27	-13.03	3
6415MHz	Pass	6.423673G	-1.62	6.402725G	-33.38	-21.68	-11.70	4
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.960201G	-3.53	5.98745G	-33.81	-23.60	-10.21	1
5965MHz	Pass	5.983345G	-3.58	5.9876G	-35.18	-23.28	-11.90	2
5965MHz	Pass	5.952453G	-3.44	5.9427G	-34.36	-23.45	-10.91	3
5965MHz	Pass	5.956302G	-3.61	5.9883G	-38.29	-23.66	-14.63	4
6205MHz	Pass	6.208549G	3.44	6.182G	-24.31	-16.73	-7.58	1
6205MHz	Pass	6.220946G	3.33	6.16575G	-27.92	-22.36	-5.56	2
6205MHz	Pass	6.202351G	3.80	6.1686G	-25.69	-20.81	-4.88	3
6205MHz	Pass	6.20685G	3.71	6.24155G	-23.86	-17.32	-6.54	4
6405MHz	Pass	6.401551G	-1.47	6.3823G	-32.18	-21.48	-10.70	1
6405MHz	Pass	6.395802G	-1.40	6.38225G	-33.39	-21.41	-11.98	2
6405MHz	Pass	6.421946G	-1.60	6.3821G	-32.60	-21.62	-10.98	3
6405MHz	Pass	6.407649G	-1.18	6.4277G	-31.12	-21.23	-9.89	4
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	6.02319G	-3.59	6.0291G	-31.89	-23.61	-8.28	1
5985MHz	Pass	6.0033G	-3.59	6.0295G	-32.53	-23.60	-8.93	2
5985MHz	Pass	5.9717G	-3.70	5.9385G	-34.83	-23.85	-10.98	3
5985MHz	Pass	5.9766G	-3.51	6.0299G	-33.22	-23.51	-9.71	4
6225MHz	Pass	6.2194G	4.50	6.2985G	-23.18	-15.61	-7.57	1
6225MHz	Pass	6.2226G	4.17	6.1494G	-22.18	-16.40	-5.78	2
6225MHz	Pass	6.2299G	4.07	6.1512G	-22.75	-18.81	-3.94	3
6225MHz	Pass	6.19541G	4.22	6.1511G	-20.43	-15.96	-4.47	4
6385MHz	Pass	6.35541G	1.93	6.3072G	-26.60	-23.04	-3.56	1
6385MHz	Pass	6.3949G	1.97	6.3054G	-25.59	-20.43	-5.16	2
6385MHz	Pass	6.41319G	1.73	6.308G	-24.12	-18.52	-5.60	3
6385MHz	Pass	6.35051G	1.82	6.3107G	-22.34	-18.89	-3.45	4
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0144G	-4.08	6.2966G	-53.25	-44.08	-9.17	1
6025MHz	Pass	6.0106G	-4.07	6.278G	-53.48	-44.07	-9.41	2
6025MHz	Pass	5.96302G	-3.96	6.2826G	-53.82	-43.96	-9.86	3
6025MHz	Pass	6.06059G	-4.23	6.2814G	-53.48	-44.23	-9.25	4
6185MHz	Pass	6.1802G	2.46	6.0012G	-33.03	-27.72	-5.31	1
6185MHz	Pass	6.1958G	2.22	6.0286G	-29.83	-24.27	-5.56	2
6185MHz	Pass	6.2042G	2.71	6.0252G	-26.19	-20.69	-5.50	3
6185MHz	Pass	6.25018G	2.69	6.0288G	-24.29	-19.33	-4.96	4
6345MHz	Pass	6.26822G	4.33	6.2204G	-23.36	-17.13	-6.23	1
6345MHz	Pass	6.28182G	4.10	6.2024G	-22.91	-17.59	-5.32	2
6345MHz	Pass	6.26922G	3.83	6.1936G	-21.98	-16.40	-5.58	3
6345MHz	Pass	6.27162G	4.56	6.1942G	-19.75	-15.96	-3.79	4

5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

MASK

6195MHz_TX

18/11/2024

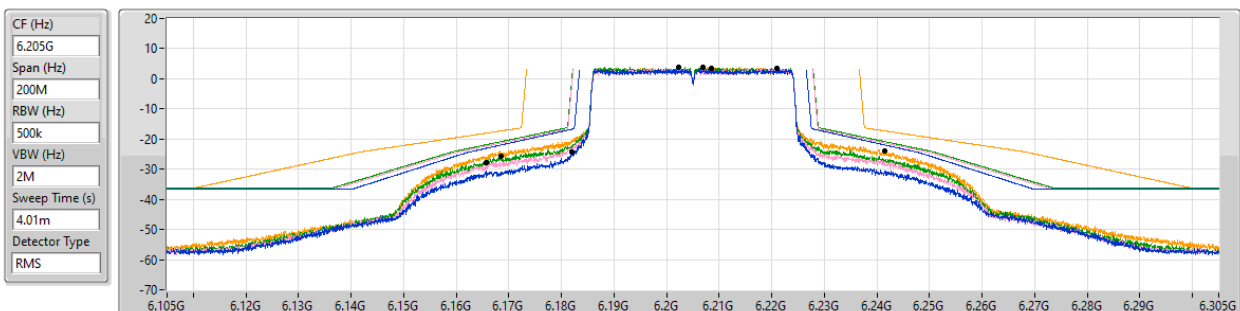


5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

MASK

6205MHz_TX

18/11/2024



5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

MASK

6385MHz_TX

12/11/2024

CF (Hz)
6.385G

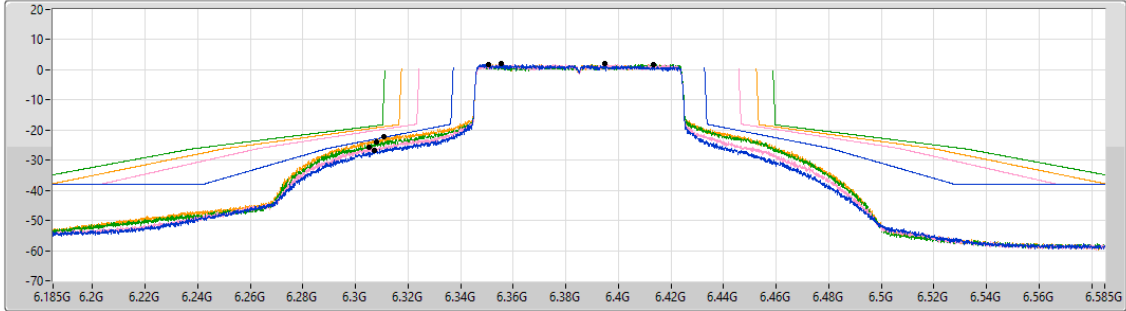
Span (Hz)
400M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

Port 3 

Port 4 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.35541G	1.93	6.3072G	-26.60	-23.04	-3.56	1
6.3949G	1.97	6.3054G	-25.59	-20.43	-5.16	2
6.41319G	1.73	6.308G	-24.12	-18.52	-5.60	3
6.35051G	1.82	6.3107G	-22.34	-18.89	-3.45	4

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

MASK

6345MHz_TX

12/11/2024

CF (Hz)
6.345G

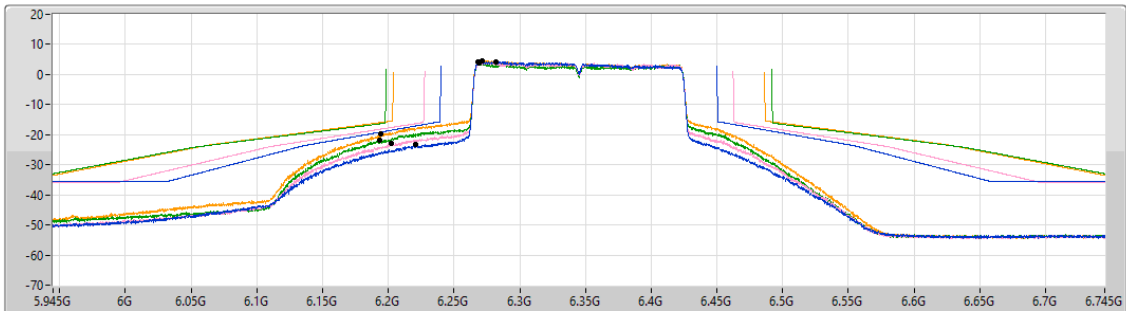
Span (Hz)
800M

RBW (Hz)
3M

VBW (Hz)
10M

Sweep Time (s)
4.01m

Detector Type
RMS



Port 1 

Port 2 

Port 3 

Port 4 

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.26822G	4.33	6.2204G	-23.36	-17.13	-6.23	1
6.28182G	4.10	6.2024G	-22.91	-17.59	-5.32	2
6.26922G	3.83	6.1936G	-21.98	-16.40	-5.58	3
6.27162G	4.56	6.1942G	-19.75	-15.96	-3.79	4



Summary

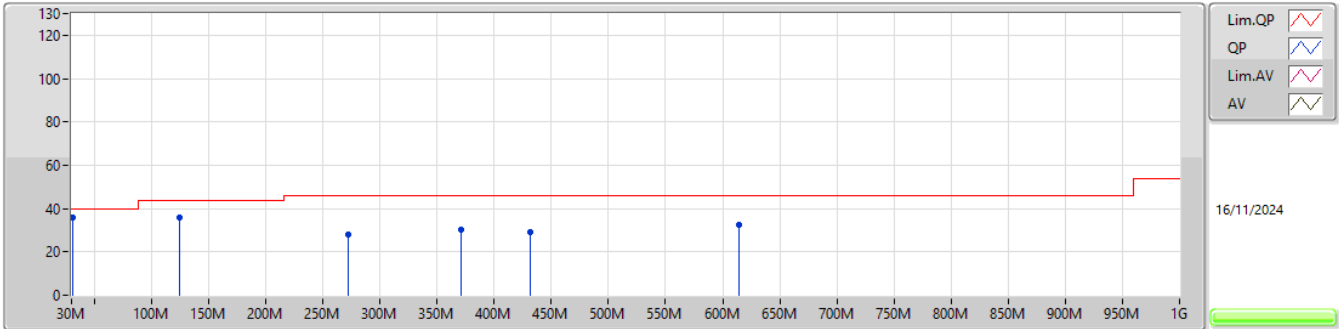
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	PK	720.64M	42.08	46.00	-3.92	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6185MHz_PoE	Pass	PK	125.06M	35.90	43.50	-7.60	3	Vertical	0	1.00
6185MHz_PoE	Pass	PK	272.5M	27.97	46.00	-18.03	3	Vertical	0	1.00
6185MHz_PoE	Pass	PK	371.44M	30.28	46.00	-15.72	3	Vertical	0	1.00
6185MHz_PoE	Pass	PK	431.58M	29.15	46.00	-16.85	3	Vertical	0	1.00
6185MHz_PoE	Pass	PK	613.94M	32.52	46.00	-13.48	3	Vertical	0	1.00
6185MHz_PoE	Pass	QP	31.23M	35.73	40.00	-4.27	3	Vertical	186	2.06
6185MHz_PoE	Pass	PK	35.82M	28.42	40.00	-11.58	3	Horizontal	360	1.00
6185MHz_PoE	Pass	PK	123.12M	38.79	43.50	-4.71	3	Horizontal	360	1.00
6185MHz_PoE	Pass	PK	301.6M	38.81	46.00	-7.19	3	Horizontal	360	1.00
6185MHz_PoE	Pass	PK	433.52M	28.81	46.00	-17.19	3	Horizontal	360	1.00
6185MHz_PoE	Pass	PK	613.94M	28.02	46.00	-17.98	3	Horizontal	360	1.00
6185MHz_PoE	Pass	PK	720.64M	42.08	46.00	-3.92	3	Horizontal	360	1.00

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

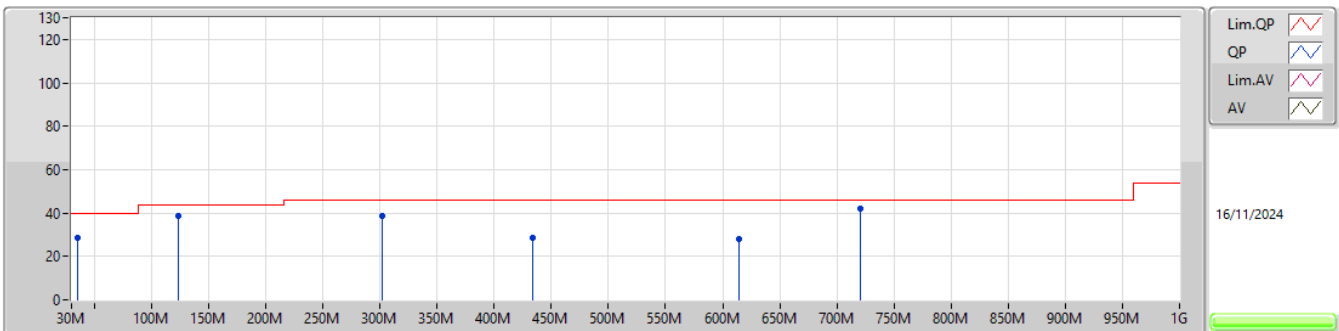
6185MHz_PoE



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	125.06M	35.90	43.50	-7.60	-25.56	3	Vertical	0	1.00	61.46	17.77	1.30	44.63
PK	272.5M	27.97	46.00	-18.03	-23.43	3	Vertical	0	1.00	51.40	19.06	1.90	44.39
PK	371.44M	30.28	46.00	-15.72	-20.90	3	Vertical	0	1.00	51.18	21.04	2.23	44.17
PK	431.58M	29.15	46.00	-16.85	-18.79	3	Vertical	0	1.00	47.94	22.92	2.35	44.06
PK	613.94M	32.52	46.00	-13.48	-15.12	3	Vertical	0	1.00	47.64	26.01	2.81	43.94
QP	31.23M	35.73	40.00	-4.27	-19.53	3	Vertical	186	2.06	55.26	24.03	0.78	44.34

5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6185MHz_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	35.82M	28.42	40.00	-11.58	-21.80	3	Horizontal	360	1.00	50.22	21.83	0.80	44.43
PK	123.12M	38.79	43.50	-4.71	-25.62	3	Horizontal	360	1.00	64.41	17.71	1.29	44.62
PK	301.6M	38.81	46.00	-7.19	-22.87	3	Horizontal	360	1.00	61.68	19.45	2.01	44.33
PK	433.52M	28.81	46.00	-17.19	-18.79	3	Horizontal	360	1.00	47.60	22.91	2.35	44.05
PK	613.94M	28.02	46.00	-17.98	-15.12	3	Horizontal	360	1.00	43.14	26.01	2.81	43.94
PK	720.64M	42.08	46.00	-3.92	-13.34	3	Horizontal	360	1.00	55.42	27.49	3.08	43.91

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	19.23724G	53.86	54.00	-0.14	3	Horizontal	313	1.70
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	5.9236G	68.10	68.20	-0.10	3	Horizontal	9	1.50
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	AV	5.924G	67.54	68.20	-0.66	3	Horizontal	7	1.68
802.11be EHT160_Nss1,(MCS0)_4TX	Pass	AV	5.918G	67.91	68.20	-0.29	3	Horizontal	11	1.49

Result

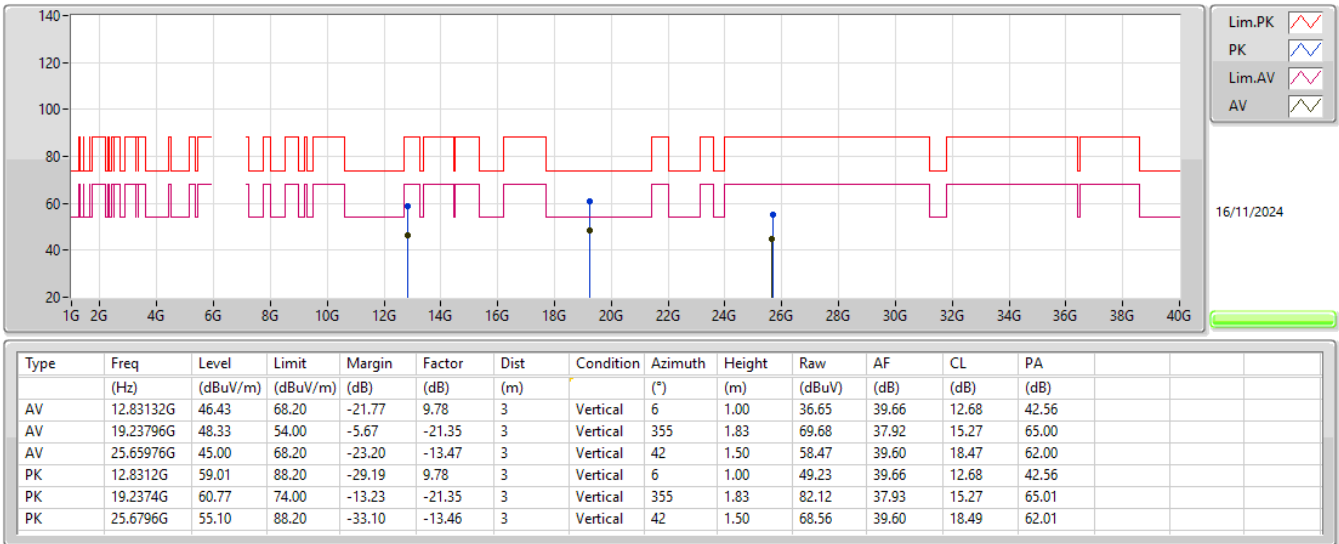
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9214G	61.78	68.20	-6.42	3	Vertical	357	1.76
5955MHz	Pass	AV	5.9592G	108.99	Inf	-Inf	3	Vertical	357	1.76
5955MHz	Pass	PK	5.9178G	77.10	88.20	-11.10	3	Vertical	357	1.76
5955MHz	Pass	PK	5.9586G	120.39	Inf	-Inf	3	Vertical	357	1.76
5955MHz	Pass	AV	5.925G	66.06	68.20	-2.14	3	Horizontal	7	1.66
5955MHz	Pass	AV	5.9472G	110.97	Inf	-Inf	3	Horizontal	7	1.66
5955MHz	Pass	PK	5.925G	77.15	88.20	-11.05	3	Horizontal	7	1.66
5955MHz	Pass	PK	5.9472G	121.78	Inf	-Inf	3	Horizontal	7	1.66
5955MHz	Pass	AV	12.8192G	45.49	68.20	-22.71	3	Vertical	5	1.28
5955MHz	Pass	AV	17.94372G	46.59	54.00	-7.41	3	Vertical	356	1.54
5955MHz	Pass	AV	23.81912G	40.99	54.00	-13.01	3	Vertical	356	1.50
5955MHz	Pass	PK	12.76688G	57.07	88.20	-31.13	3	Vertical	5	1.28
5955MHz	Pass	PK	17.92836G	57.54	74.00	-16.46	3	Vertical	356	1.54
5955MHz	Pass	PK	23.81208G	51.73	74.00	-22.27	3	Vertical	356	1.50
5955MHz	Pass	AV	12.77768G	45.83	68.20	-22.37	3	Horizontal	37	1.50
5955MHz	Pass	AV	17.94468G	46.52	54.00	-7.48	3	Horizontal	324	1.86
5955MHz	Pass	AV	23.82504G	42.64	54.00	-11.36	3	Horizontal	58	1.68
5955MHz	Pass	PK	12.77792G	57.36	88.20	-30.84	3	Horizontal	37	1.50
5955MHz	Pass	PK	17.89156G	57.12	74.00	-16.88	3	Horizontal	324	1.86
5955MHz	Pass	PK	23.8144G	54.03	74.00	-19.97	3	Horizontal	58	1.68
6195MHz	Pass	AV	12.38748G	44.51	54.00	-9.49	3	Vertical	22	1.47
6195MHz	Pass	AV	18.58036G	50.01	54.00	-3.99	3	Vertical	315	1.69
6195MHz	Pass	AV	24.78312G	46.25	68.20	-21.95	3	Vertical	21	1.50
6195MHz	Pass	PK	12.39108G	57.29	74.00	-16.71	3	Vertical	22	1.47
6195MHz	Pass	PK	18.5798G	60.12	74.00	-13.88	3	Vertical	315	1.69
6195MHz	Pass	PK	24.78864G	59.16	88.20	-29.04	3	Vertical	21	1.50
6195MHz	Pass	AV	12.38994G	44.87	54.00	-9.13	3	Horizontal	326	150
6195MHz	Pass	AV	18.5778G	53.42	54.00	-0.58	3	Horizontal	317	1.63
6195MHz	Pass	AV	24.77424G	47.03	68.20	-21.17	3	Horizontal	46	1.84
6195MHz	Pass	PK	12.38562G	56.43	74.00	-17.57	3	Horizontal	326	150
6195MHz	Pass	PK	18.57836G	65.11	74.00	-8.89	3	Horizontal	317	1.63
6195MHz	Pass	PK	24.7944G	58.66	88.20	-29.54	3	Horizontal	46	1.84
6415MHz	Pass	AV	12.83132G	46.43	68.20	-21.77	3	Vertical	6	1.00
6415MHz	Pass	AV	19.23796G	48.33	54.00	-5.67	3	Vertical	355	1.83
6415MHz	Pass	AV	25.65976G	45.00	68.20	-23.20	3	Vertical	42	1.50
6415MHz	Pass	PK	12.8312G	59.01	88.20	-29.19	3	Vertical	6	1.00
6415MHz	Pass	PK	19.2374G	60.77	74.00	-13.23	3	Vertical	355	1.83
6415MHz	Pass	PK	25.6796G	55.10	88.20	-33.10	3	Vertical	42	1.50
6415MHz	Pass	AV	12.8342G	46.94	68.20	-21.26	3	Horizontal	25	1.50
6415MHz	Pass	AV	19.23724G	53.86	54.00	-0.14	3	Horizontal	313	1.70
6415MHz	Pass	AV	25.6672G	47.93	68.20	-20.27	3	Horizontal	315	1.83
6415MHz	Pass	PK	12.83282G	58.99	88.20	-29.21	3	Horizontal	25	150
6415MHz	Pass	PK	19.23604G	67.20	74.00	-6.80	3	Horizontal	313	1.70
6415MHz	Pass	PK	25.64648G	59.95	88.20	-28.25	3	Horizontal	315	1.83
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9248G	66.22	68.20	-1.98	3	Vertical	334	1.35
5965MHz	Pass	AV	5.947G	102.93	Inf	-Inf	3	Vertical	334	1.35
5965MHz	Pass	PK	5.914G	79.40	88.20	-8.80	3	Vertical	334	1.35
5965MHz	Pass	PK	5.9464G	114.01	Inf	-Inf	3	Vertical	334	1.35
5965MHz	Pass	AV	5.9236G	68.10	68.20	-0.10	3	Horizontal	9	1.50
5965MHz	Pass	AV	5.9776G	105.66	Inf	-Inf	3	Horizontal	9	1.50
5965MHz	Pass	PK	5.9224G	82.59	88.20	-5.61	3	Horizontal	9	1.50
5965MHz	Pass	PK	5.9566G	116.63	Inf	-Inf	3	Horizontal	9	1.50
5965MHz	Pass	AV	11.9222G	44.35	54.00	-9.65	3	Vertical	347	1.53
5965MHz	Pass	AV	17.89676G	37.53	54.00	-16.47	3	Vertical	355	1.94
5965MHz	Pass	AV	23.8604G	39.34	54.00	-14.66	3	Vertical	8	1.50
5965MHz	Pass	PK	11.93084G	55.03	74.00	-18.97	3	Vertical	347	1.53
5965MHz	Pass	PK	17.89668G	49.62	74.00	-24.38	3	Vertical	355	1.94
5965MHz	Pass	PK	23.85888G	50.63	74.00	-23.37	3	Vertical	8	1.50
5965MHz	Pass	AV	11.93888G	45.13	54.00	-8.87	3	Horizontal	316	1.36

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5965MHz	Pass	AV	17.90492G	35.86	54.00	-18.14	3	Horizontal	322	1.86
5965MHz	Pass	AV	23.86032G	39.24	54.00	-14.76	3	Horizontal	41	1.65
5965MHz	Pass	PK	11.91812G	55.89	74.00	-18.11	3	Horizontal	316	1.36
5965MHz	Pass	PK	17.90148G	47.36	74.00	-26.64	3	Horizontal	322	1.86
5965MHz	Pass	PK	23.86776G	50.49	74.00	-23.51	3	Horizontal	41	1.65
6205MHz	Pass	AV	12.42608G	43.53	54.00	-10.47	3	Vertical	104	2.72
6205MHz	Pass	AV	18.61628G	51.27	54.00	-2.73	3	Vertical	351	1.69
6205MHz	Pass	AV	24.82944G	46.44	68.20	-21.76	3	Vertical	21	1.48
6205MHz	Pass	PK	12.38012G	55.60	74.00	-18.40	3	Vertical	104	2.72
6205MHz	Pass	PK	18.61676G	62.92	74.00	-11.08	3	Vertical	351	1.69
6205MHz	Pass	PK	24.84848G	57.35	88.20	-30.85	3	Vertical	21	1.48
6205MHz	Pass	AV	12.38144G	43.54	54.00	-10.46	3	Horizontal	268	1.50
6205MHz	Pass	AV	18.61756G	53.30	54.00	-0.70	3	Horizontal	43	1.63
6205MHz	Pass	AV	24.83088G	47.53	68.20	-20.67	3	Horizontal	303	1.56
6205MHz	Pass	PK	12.3902G	55.45	74.00	-18.55	3	Horizontal	268	1.50
6205MHz	Pass	PK	18.61708G	65.25	74.00	-8.75	3	Horizontal	43	1.63
6205MHz	Pass	PK	24.83072G	58.25	88.20	-29.95	3	Horizontal	303	1.56
6405MHz	Pass	AV	12.81168G	45.92	68.20	-22.28	3	Vertical	5	1.00
6405MHz	Pass	AV	19.19644G	47.43	54.00	-6.57	3	Vertical	351	1.63
6405MHz	Pass	AV	25.61872G	48.66	68.20	-19.54	3	Vertical	336	1.69
6405MHz	Pass	PK	12.81288G	56.91	88.20	-31.29	3	Vertical	5	1.00
6405MHz	Pass	PK	19.1966G	61.22	74.00	-12.78	3	Vertical	351	1.63
6405MHz	Pass	PK	25.62592G	58.73	88.20	-29.47	3	Vertical	336	1.69
6405MHz	Pass	AV	12.82728G	45.90	68.20	-22.30	3	Horizontal	35	1.00
6405MHz	Pass	AV	19.207G	53.42	54.00	-0.58	3	Horizontal	306	1.73
6405MHz	Pass	AV	25.61056G	45.75	68.20	-22.45	3	Horizontal	304	1.88
6405MHz	Pass	PK	12.80976G	56.99	88.20	-31.21	3	Horizontal	35	1.00
6405MHz	Pass	PK	19.20796G	64.90	74.00	-9.10	3	Horizontal	306	1.73
6405MHz	Pass	PK	25.62768G	59.02	88.20	-29.18	3	Horizontal	304	1.88
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.917G	66.19	68.20	-2.01	3	Vertical	333	1.43
5985MHz	Pass	AV	5.987G	100.04	Inf	-Inf	3	Vertical	333	1.43
5985MHz	Pass	PK	5.914G	79.10	88.20	-9.10	3	Vertical	333	1.43
5985MHz	Pass	PK	6.008G	111.02	Inf	-Inf	3	Vertical	333	1.43
5985MHz	Pass	AV	5.924G	67.54	68.20	-0.66	3	Horizontal	7	1.68
5985MHz	Pass	AV	5.977G	103.13	Inf	-Inf	3	Horizontal	7	1.68
5985MHz	Pass	PK	5.923G	80.56	88.20	-7.64	3	Horizontal	7	1.68
5985MHz	Pass	PK	6.018G	114.29	Inf	-Inf	3	Horizontal	7	1.68
5985MHz	Pass	AV	12.02424G	44.49	54.00	-9.51	3	Vertical	127	2.60
5985MHz	Pass	AV	17.90508G	33.54	54.00	-20.46	3	Vertical	356	1.50
5985MHz	Pass	AV	24G	39.47	54.00	-14.53	3	Vertical	8	1.59
5985MHz	Pass	PK	12.02496G	55.56	74.00	-18.44	3	Vertical	127	2.60
5985MHz	Pass	PK	17.9262G	45.49	74.00	-28.51	3	Vertical	356	1.50
5985MHz	Pass	PK	23.98616G	50.25	74.00	-23.75	3	Vertical	8	1.59
5985MHz	Pass	AV	11.9796G	44.84	54.00	-9.16	3	Horizontal	315	1.30
5985MHz	Pass	AV	17.95044G	34.17	54.00	-19.83	3	Horizontal	326	1.51
5985MHz	Pass	AV	23.98368G	39.98	54.00	-14.02	3	Horizontal	50	1.64
5985MHz	Pass	PK	11.96064G	55.61	74.00	-18.39	3	Horizontal	315	1.30
5985MHz	Pass	PK	17.92788G	44.70	74.00	-29.30	3	Horizontal	326	1.51
5985MHz	Pass	PK	23.9484G	51.72	74.00	-22.28	3	Horizontal	50	1.64
6225MHz	Pass	AV	12.50928G	44.18	54.00	-9.82	3	Vertical	52	2.68
6225MHz	Pass	AV	18.6786G	49.32	54.00	-4.68	3	Vertical	5	1.62
6225MHz	Pass	AV	24.88032G	46.76	68.20	-21.44	3	Vertical	328	1.72
6225MHz	Pass	PK	12.40224G	55.49	74.00	-18.51	3	Vertical	52	2.68
6225MHz	Pass	PK	18.69828G	61.03	74.00	-12.97	3	Vertical	5	1.62
6225MHz	Pass	PK	24.90096G	56.90	88.20	-31.30	3	Vertical	328	1.72
6225MHz	Pass	AV	12.48144G	44.77	54.00	-9.23	3	Horizontal	347	1.50
6225MHz	Pass	AV	18.67764G	53.18	54.00	-0.82	3	Horizontal	318	1.55
6225MHz	Pass	AV	24.91296G	49.80	68.20	-18.40	3	Horizontal	306	1.72
6225MHz	Pass	PK	12.4044G	56.14	74.00	-17.86	3	Horizontal	347	1.50
6225MHz	Pass	PK	18.69708G	65.78	74.00	-8.22	3	Horizontal	318	1.55
6225MHz	Pass	PK	24.95184G	60.28	88.20	-27.92	3	Horizontal	306	1.72

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6385MHz	Pass	AV	12.8192G	45.49	68.20	-22.71	3	Vertical	5	1.28
6385MHz	Pass	AV	19.13724G	47.47	54.00	-6.53	3	Vertical	357	1.50
6385MHz	Pass	AV	25.54624G	49.54	68.20	-18.66	3	Vertical	343	1.70
6385MHz	Pass	PK	12.76688G	57.07	88.20	-31.13	3	Vertical	5	1.28
6385MHz	Pass	PK	19.17684G	59.11	74.00	-14.89	3	Vertical	357	1.50
6385MHz	Pass	PK	25.52512G	59.40	88.20	-28.80	3	Vertical	343	1.70
6385MHz	Pass	AV	12.77768G	45.83	68.20	-22.37	3	Horizontal	37	1.50
6385MHz	Pass	AV	19.12788G	51.61	54.00	-2.39	3	Horizontal	30	1.54
6385MHz	Pass	AV	25.54792G	49.22	68.20	-18.98	3	Horizontal	46	1.66
6385MHz	Pass	PK	12.77792G	57.36	88.20	-30.84	3	Horizontal	37	1.50
6385MHz	Pass	PK	19.14708G	63.88	74.00	-10.12	3	Horizontal	30	1.54
6385MHz	Pass	PK	25.52896G	59.26	88.20	-28.94	3	Horizontal	46	1.66
802.11be EHT160_Nss1(MCS0)_4TX										
6025MHz	Pass	AV	5.915G	67.70	68.20	-0.50	3	Vertical	357	1.74
6025MHz	Pass	AV	6.029G	99.91	Inf	-Inf	3	Vertical	357	1.74
6025MHz	Pass	PK	5.916G	80.94	88.20	-7.26	3	Vertical	357	1.74
6025MHz	Pass	PK	6.031G	110.45	Inf	-Inf	3	Vertical	357	1.74
6025MHz	Pass	AV	5.918G	67.91	68.20	-0.29	3	Horizontal	11	1.49
6025MHz	Pass	AV	6.037G	100.88	Inf	-Inf	3	Horizontal	11	1.49
6025MHz	Pass	PK	5.899G	80.75	88.20	-7.45	3	Horizontal	11	1.49
6025MHz	Pass	PK	6.057G	111.74	Inf	-Inf	3	Horizontal	11	1.49
6025MHz	Pass	AV	12.03G	44.51	54.00	-9.49	3	Vertical	351	1.50
6025MHz	Pass	AV	18.04932G	33.73	54.00	-20.27	3	Vertical	334	1.53
6025MHz	Pass	AV	24.07072G	38.99	68.20	-29.21	3	Vertical	319	1.92
6025MHz	Pass	PK	12.036G	54.98	74.00	-19.02	3	Vertical	351	1.50
6025MHz	Pass	PK	18.0294G	45.41	74.00	-28.59	3	Vertical	334	1.53
6025MHz	Pass	PK	24.07792G	50.00	88.20	-38.20	3	Vertical	319	1.92
6025MHz	Pass	AV	12.0236G	44.45	54.00	-9.55	3	Horizontal	42	2.68
6025MHz	Pass	AV	18.0974G	34.11	54.00	-19.89	3	Horizontal	318	1.67
6025MHz	Pass	AV	24.03344G	39.21	68.20	-28.99	3	Horizontal	360	1.82
6025MHz	Pass	PK	12.07352G	55.39	74.00	-18.61	3	Horizontal	42	2.68
6025MHz	Pass	PK	18.08284G	45.14	74.00	-28.86	3	Horizontal	318	1.67
6025MHz	Pass	PK	24.04016G	50.24	88.20	-37.96	3	Horizontal	360	1.82
6185MHz	Pass	AV	12.48184G	44.16	54.00	-9.84	3	Vertical	95	1.50
6185MHz	Pass	AV	18.4714G	44.17	54.00	-9.83	3	Vertical	315	1.70
6185MHz	Pass	AV	24.728G	42.58	68.20	-25.62	3	Vertical	22	1.50
6185MHz	Pass	PK	12.38536G	55.28	74.00	-18.72	3	Vertical	95	1.50
6185MHz	Pass	PK	18.471G	56.17	74.00	-17.83	3	Vertical	315	1.70
6185MHz	Pass	PK	24.7296G	53.73	88.20	-34.47	3	Vertical	22	1.50
6185MHz	Pass	AV	12.478G	44.19	54.00	-9.81	3	Horizontal	167	1.50
6185MHz	Pass	AV	18.5062G	50.38	54.00	-3.62	3	Horizontal	40	1.64
6185MHz	Pass	AV	24.724G	45.64	68.20	-22.56	3	Horizontal	34	1.73
6185MHz	Pass	PK	12.4852G	56.07	74.00	-17.93	3	Horizontal	167	1.50
6185MHz	Pass	PK	18.5062G	61.89	74.00	-12.11	3	Horizontal	40	1.64
6185MHz	Pass	PK	24.6648G	56.63	88.20	-31.57	3	Horizontal	34	1.73
6345MHz	Pass	AV	12.7836G	45.53	68.20	-22.67	3	Vertical	265	1.50
6345MHz	Pass	AV	18.9782G	45.35	54.00	-8.65	3	Vertical	4	1.65
6345MHz	Pass	AV	25.448G	44.71	68.20	-23.49	3	Vertical	46	1.59
6345MHz	Pass	PK	12.6852G	56.29	74.00	-17.71	3	Vertical	265	1.50
6345MHz	Pass	PK	18.9854G	58.47	74.00	-15.53	3	Vertical	4	1.65
6345MHz	Pass	PK	25.4288G	54.96	88.20	-33.24	3	Vertical	46	1.59
6345MHz	Pass	AV	12.69048G	45.97	54.00	-8.03	3	Horizontal	20	1.65
6345MHz	Pass	AV	19.0474G	51.25	54.00	-2.75	3	Horizontal	313	1.71
6345MHz	Pass	AV	25.3904G	44.97	68.20	-23.23	3	Horizontal	45	1.50
6345MHz	Pass	PK	12.63912G	56.69	74.00	-17.31	3	Horizontal	20	1.65
6345MHz	Pass	PK	19.0478G	64.83	74.00	-9.17	3	Horizontal	313	1.71
6345MHz	Pass	PK	25.3912G	57.74	88.20	-30.46	3	Horizontal	45	1.50

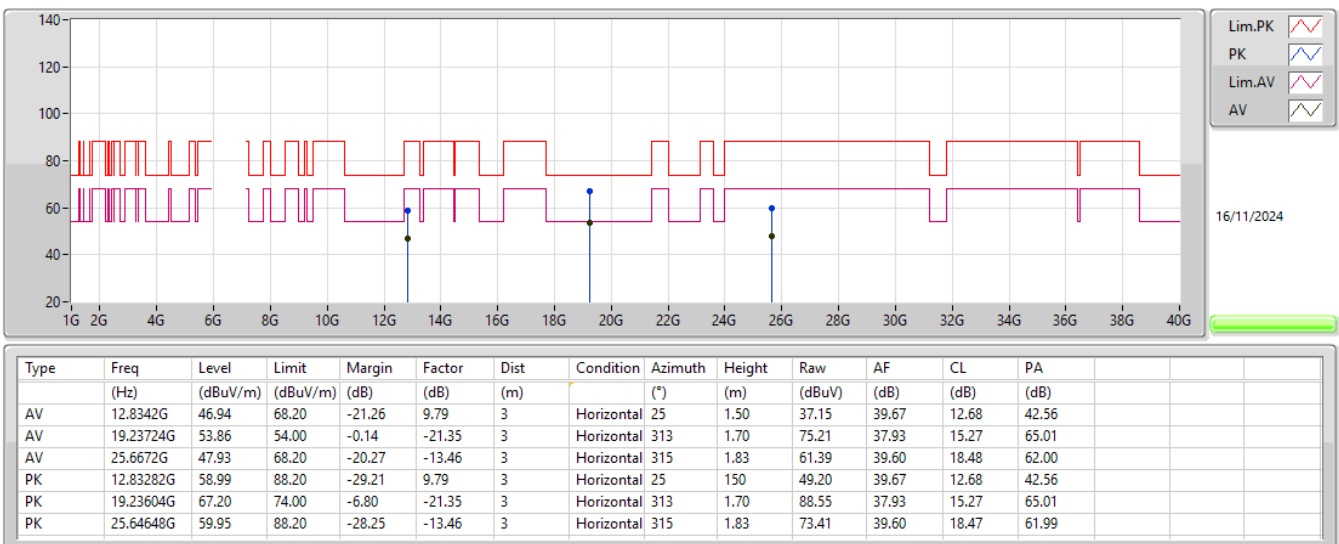
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

6415MHz_TX



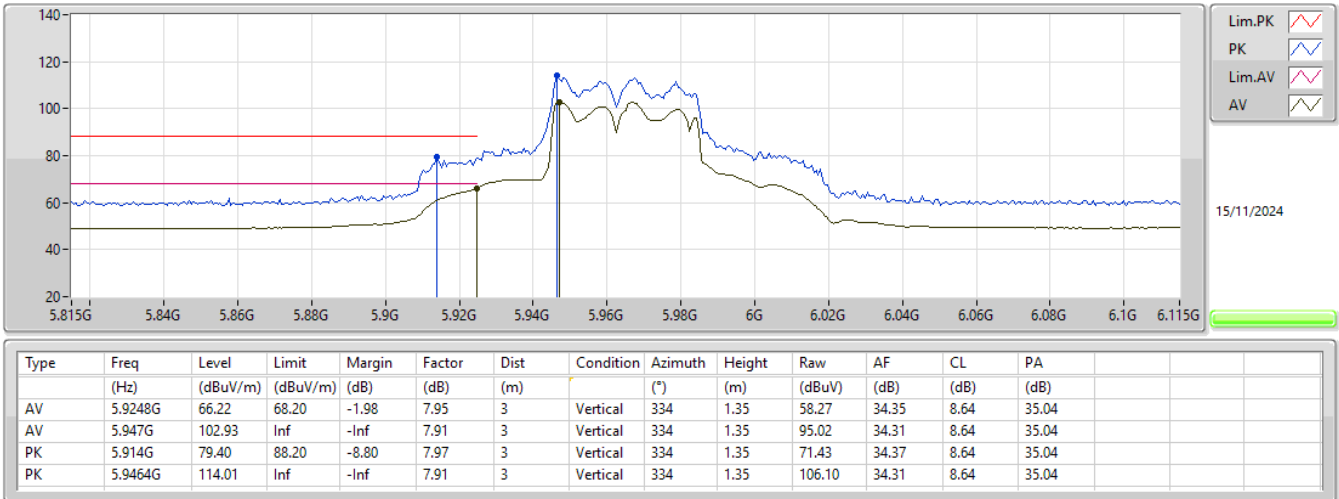
5.925-6.425GHz_802.11be EHT20_Nss1,(MCS0)_4TX

6415MHz_TX



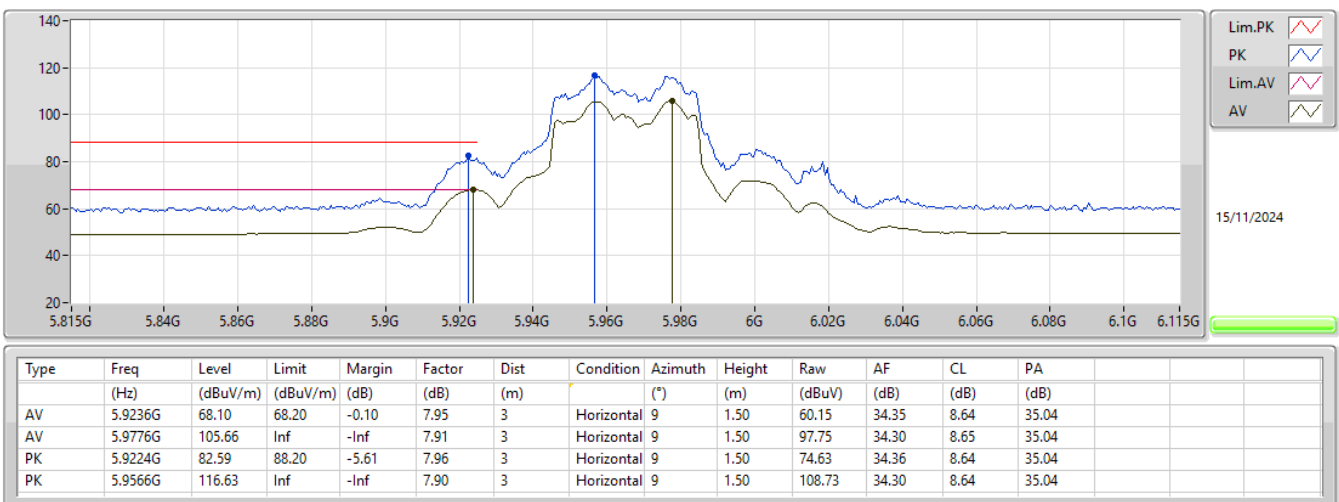
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5965MHz_TX



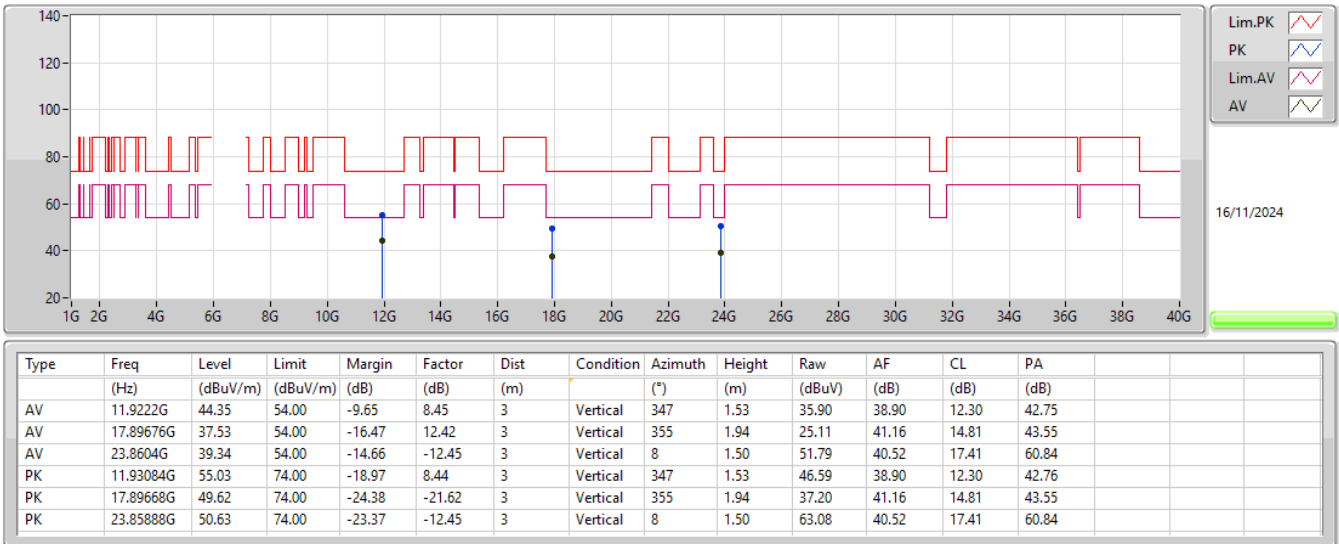
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5965MHz_TX



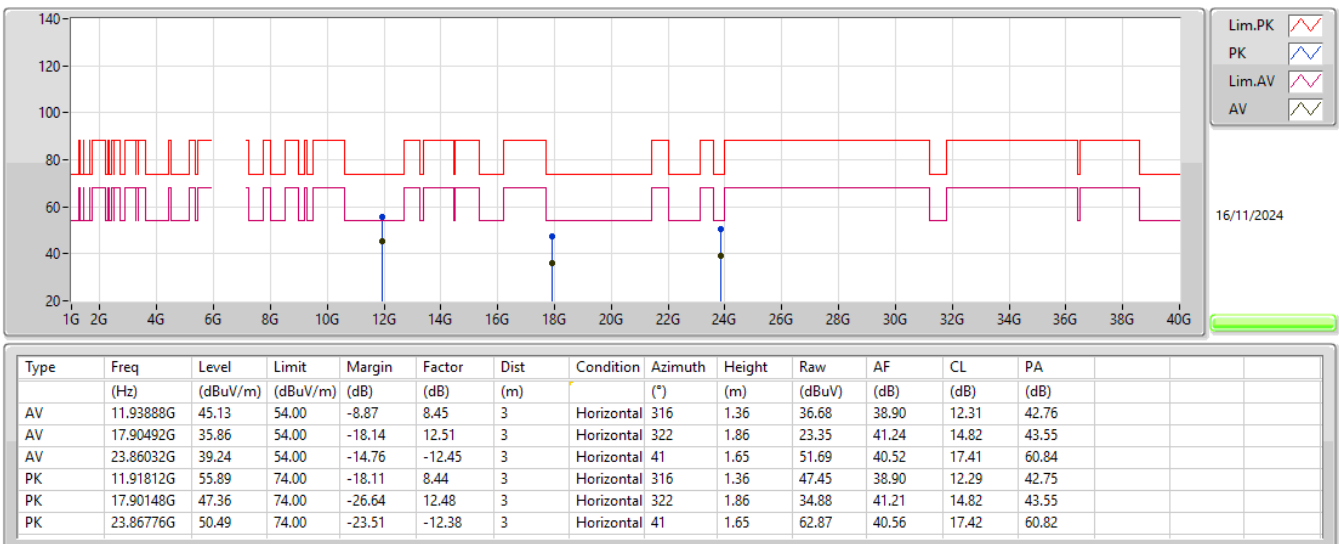
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5965MHz_TX



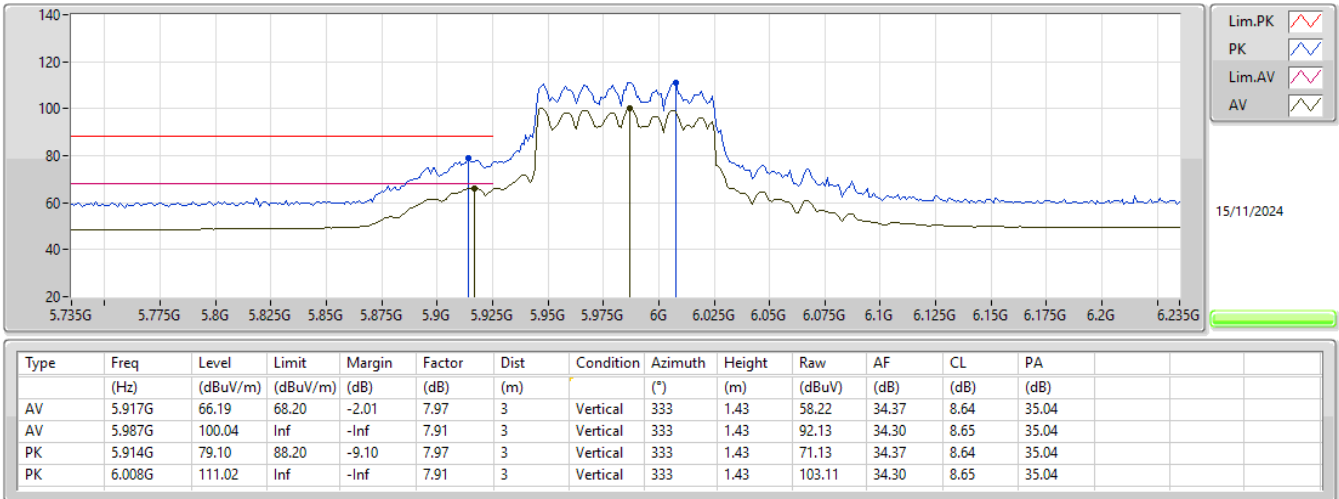
5.925-6.425GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5965MHz_TX



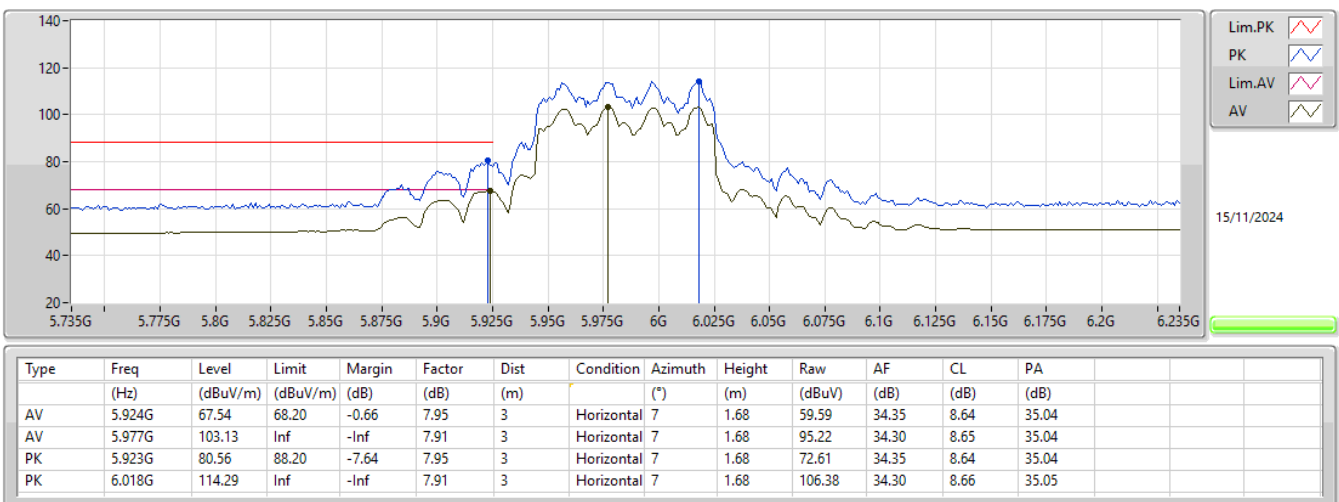
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5985MHz_TX



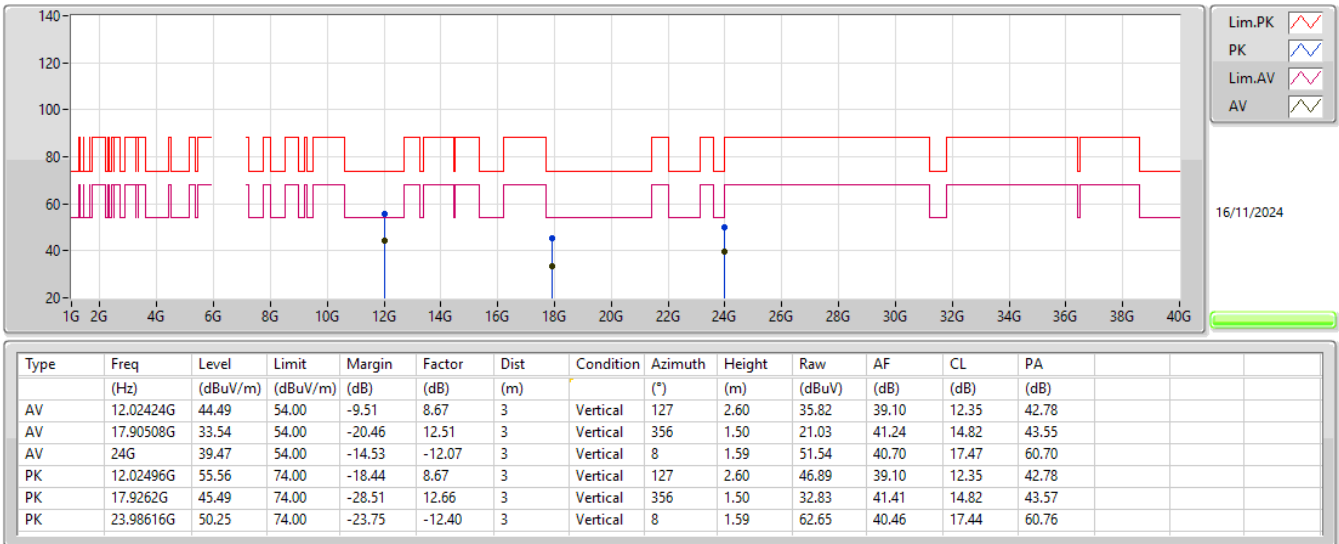
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5985MHz_TX



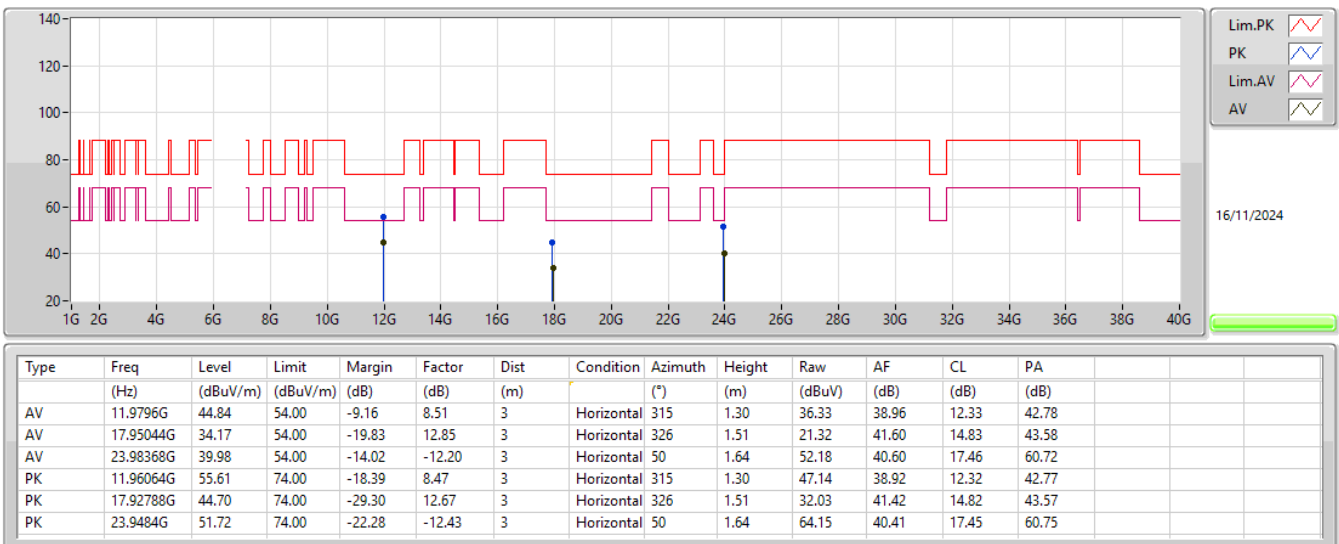
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5985MHz_TX



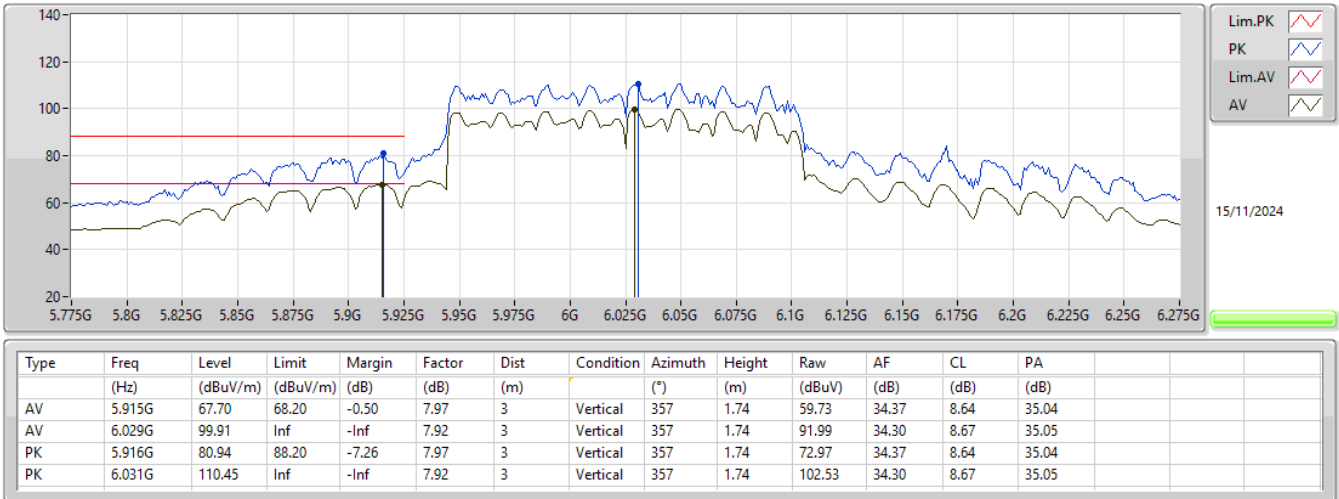
5.925-6.425GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5985MHz_TX



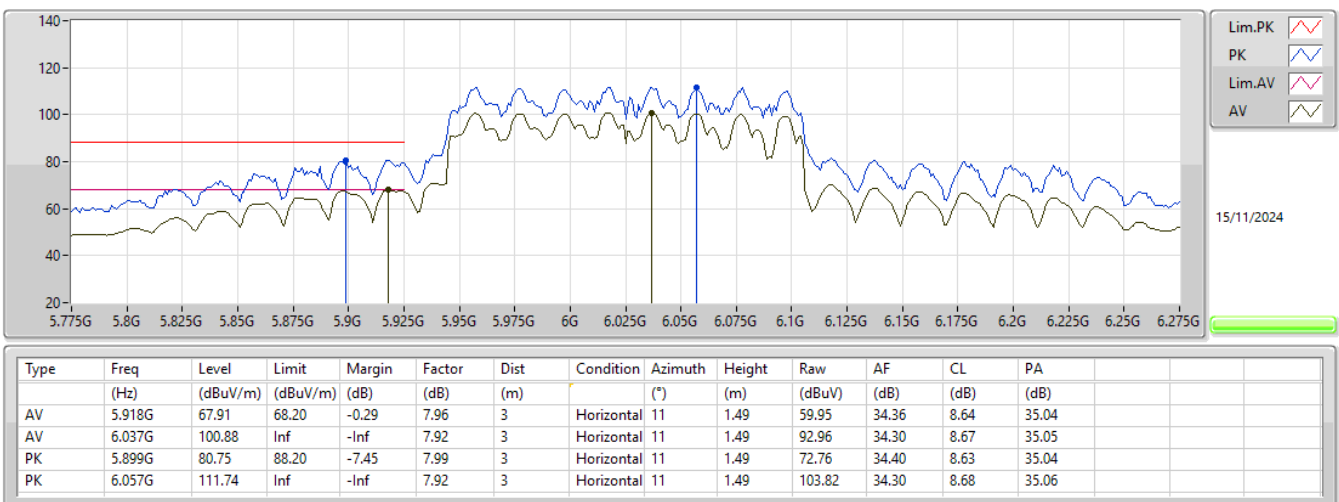
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6025MHz_TX



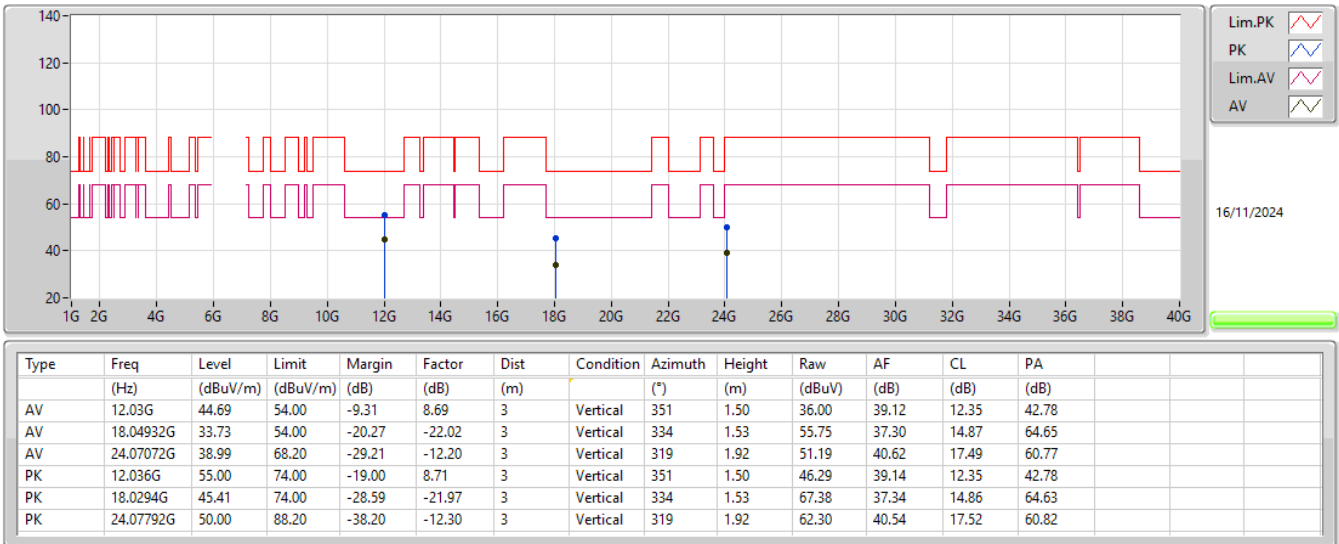
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6025MHz_TX



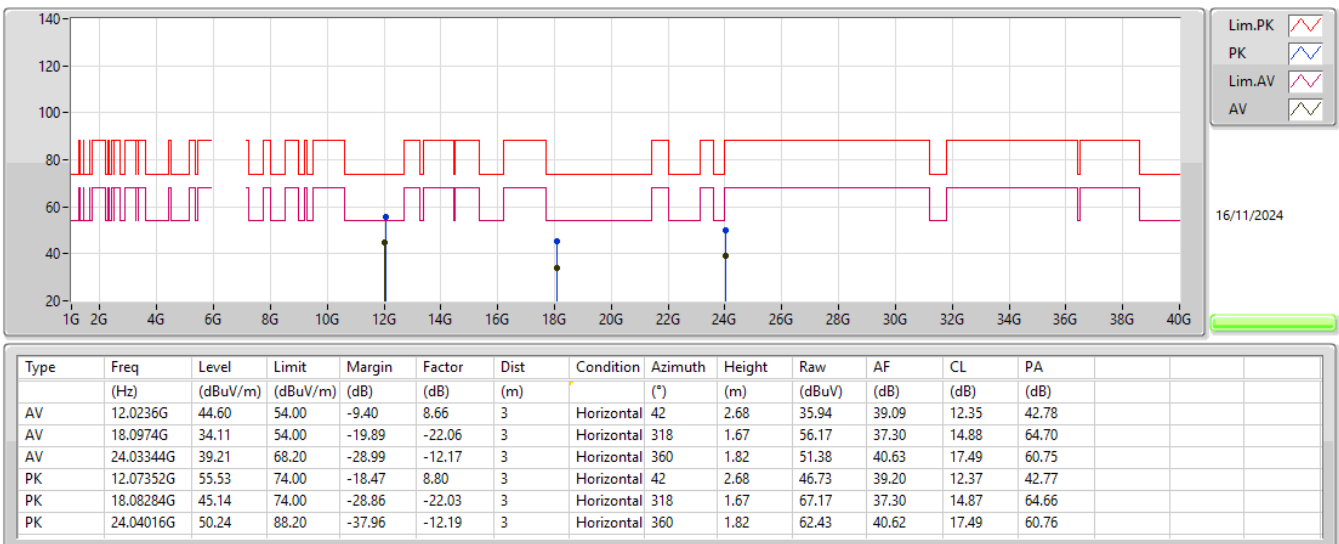
5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6025MHz_TX



5.925-6.425GHz_802.11be EHT160_Nss1,(MCS0)_4TX

6025MHz_TX





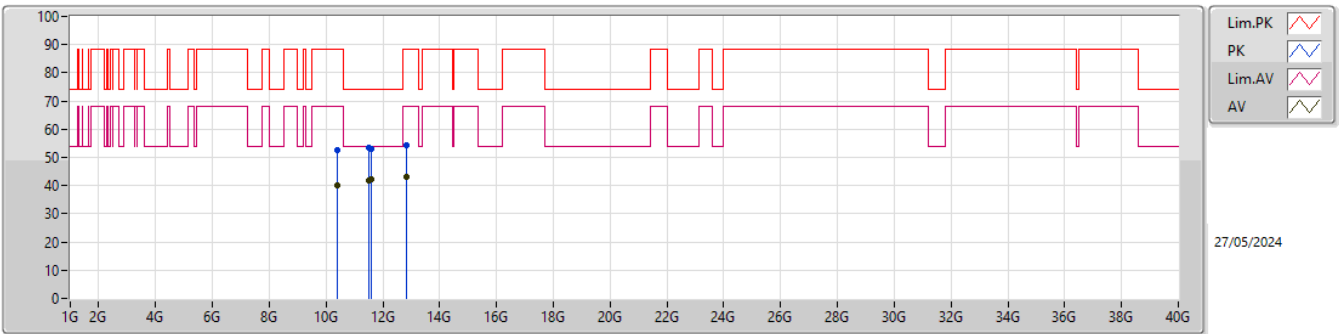
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.59942G	42.28	54.00	-11.72	Vertical
Mode 2	Pass	AV	11.49654G	41.51	54.00	-12.49	Vertical

Result

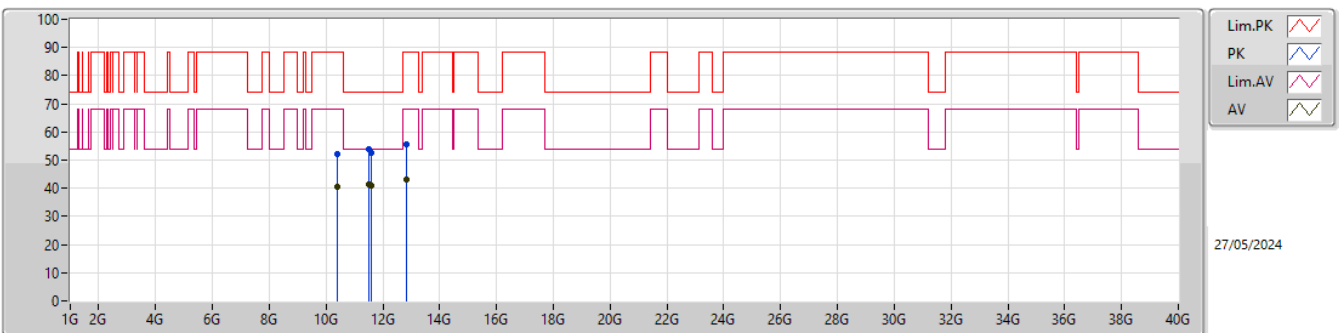
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	10.39052G	40.28	68.20	-27.92	3	Vertical	324	1.50
Mode 1	Pass	AV	11.59942G	42.28	54.00	-11.72	3	Vertical	335	1.54
Mode 1	Pass	AV	11.48986G	41.78	54.00	-12.22	3	Vertical	147	1.50
Mode 1	Pass	AV	12.83726G	43.23	68.20	-24.97	3	Vertical	344	1.50
Mode 1	Pass	PK	10.39264G	52.71	88.20	-35.49	3	Vertical	324	1.50
Mode 1	Pass	PK	11.60142G	53.23	74.00	-20.77	3	Vertical	335	1.54
Mode 1	Pass	PK	11.48812G	53.35	74.00	-20.65	3	Vertical	147	1.50
Mode 1	Pass	PK	12.82484G	54.42	88.20	-33.78	3	Vertical	344	1.50
Mode 1	Pass	AV	10.39224G	40.55	68.20	-27.65	3	Horizontal	339	1.36
Mode 1	Pass	AV	11.48822G	41.54	54.00	-12.46	3	Horizontal	281	1.50
Mode 1	Pass	AV	11.60954G	40.84	54.00	-13.16	3	Horizontal	60	1.50
Mode 1	Pass	AV	12.82796G	43.27	68.20	-24.93	3	Horizontal	28	1.41
Mode 1	Pass	PK	10.3948G	52.21	88.20	-35.99	3	Horizontal	339	1.36
Mode 1	Pass	PK	11.4932G	54.02	74.00	-19.98	3	Horizontal	281	1.50
Mode 1	Pass	PK	11.60662G	52.65	74.00	-21.35	3	Horizontal	60	1.50
Mode 1	Pass	PK	12.82994G	55.79	88.20	-32.41	3	Horizontal	28	1.41
Mode 2	Pass	AV	10.39084G	40.37	68.20	-27.83	3	Vertical	55	1.50
Mode 2	Pass	AV	11.49654G	41.51	54.00	-12.49	3	Vertical	101	1.50
Mode 2	Pass	AV	12.83974G	42.61	68.20	-25.59	3	Vertical	152	2.37
Mode 2	Pass	AV	13.7131G	46.69	68.20	-21.51	3	Vertical	266	1.76
Mode 2	Pass	PK	10.40904G	51.98	88.20	-36.22	3	Vertical	55	1.50
Mode 2	Pass	PK	11.48158G	53.36	74.00	-20.64	3	Vertical	101	1.50
Mode 2	Pass	PK	12.8379G	54.58	88.20	-33.62	3	Vertical	152	2.37
Mode 2	Pass	PK	13.71424G	59.67	88.20	-28.53	3	Vertical	266	1.76
Mode 2	Pass	AV	10.39338G	40.23	68.20	-27.97	3	Horizontal	292	2.50
Mode 2	Pass	AV	11.48292G	41.50	54.00	-12.50	3	Horizontal	210	2.03
Mode 2	Pass	AV	12.82026G	42.56	68.20	-25.64	3	Horizontal	315	2.50
Mode 2	Pass	AV	13.71902G	43.19	68.20	-25.01	3	Horizontal	132	2.82
Mode 2	Pass	PK	10.39736G	52.23	88.20	-35.97	3	Horizontal	292	2.50
Mode 2	Pass	PK	11.48968G	53.56	74.00	-20.44	3	Horizontal	210	2.03
Mode 2	Pass	PK	12.83416G	54.64	88.20	-33.56	3	Horizontal	315	2.50
Mode 2	Pass	PK	13.71954G	54.88	88.20	-33.32	3	Horizontal	132	2.82

Radiated Emissions above 1GHz_Mode 1



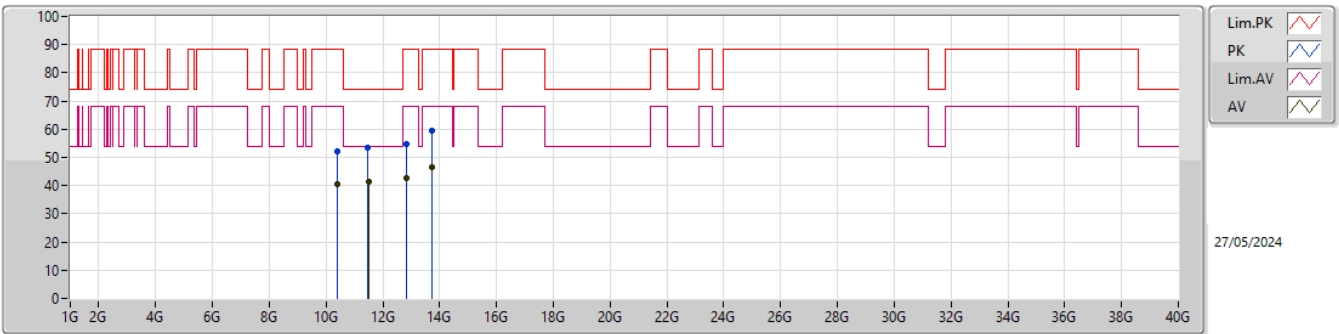
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	10.39052G	40.28	68.20	-27.92	5.35	3	Vertical	324	1.50	-	34.93	38.62	9.79	43.06
AV	11.59942G	42.28	54.00	-11.72	6.34	3	Vertical	335	1.54	-	35.94	38.50	10.44	42.60
AV	11.48986G	41.78	54.00	-12.22	6.72	3	Vertical	147	1.50	-	35.06	38.90	10.38	42.56
AV	12.83726G	43.23	68.20	-24.97	8.29	3	Vertical	344	1.50	-	34.94	39.85	11.00	42.56
PK	10.39264G	52.71	88.20	-35.49	5.35	3	Vertical	324	1.50	-	47.36	38.61	9.79	43.05
PK	11.60142G	53.23	74.00	-20.77	6.34	3	Vertical	335	1.54	-	46.89	38.50	10.44	42.60
PK	11.48812G	53.35	74.00	-20.65	6.71	3	Vertical	147	1.50	-	46.64	38.90	10.38	42.57
PK	12.82484G	54.42	88.20	-33.78	8.23	3	Vertical	344	1.50	-	46.19	39.80	10.99	42.56

Radiated Emissions above 1GHz_Mode 1



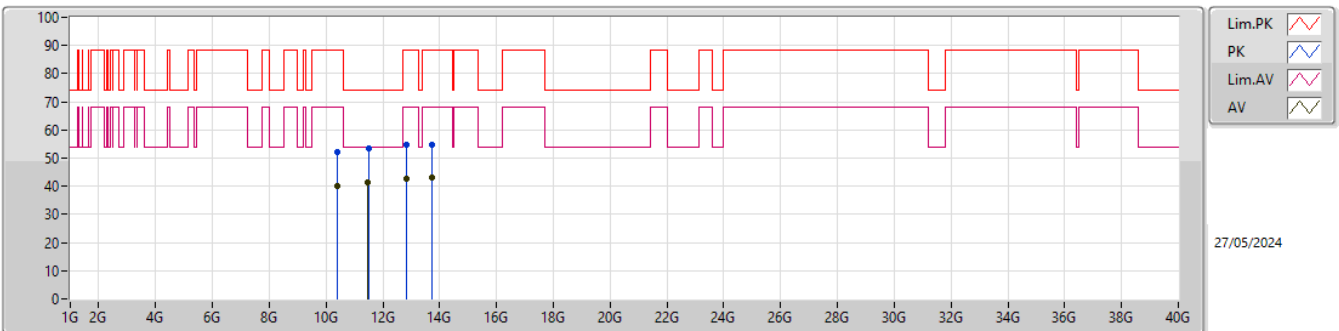
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	10.39224G	40.55	68.20	-27.65	5.36	3	Horizontal	339	1.36	-	35.19	38.62	9.79	43.05
AV	11.48822G	41.54	54.00	-12.46	6.71	3	Horizontal	281	1.50	-	34.83	38.90	10.38	42.57
AV	11.60954G	40.84	54.00	-13.16	6.35	3	Horizontal	60	1.50	-	34.49	38.50	10.45	42.60
AV	12.82796G	43.27	68.20	-24.93	8.25	3	Horizontal	28	1.41	-	35.02	39.81	11.00	42.56
PK	10.3948G	52.21	88.20	-35.99	5.35	3	Horizontal	339	1.36	-	46.86	38.61	9.79	43.05
PK	11.4932G	54.02	74.00	-19.98	6.73	3	Horizontal	281	1.50	-	47.29	38.90	10.39	42.56
PK	11.60662G	52.65	74.00	-21.35	6.35	3	Horizontal	60	1.50	-	46.30	38.50	10.45	42.60
PK	12.82994G	55.79	88.20	-32.41	8.26	3	Horizontal	28	1.41	-	47.53	39.82	11.00	42.56

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	10.39084G	40.37	68.20	-27.83	5.35	3	Vertical	55	1.50	-	35.02	38.62	9.79	43.06
AV	11.49654G	41.51	54.00	-12.49	6.74	3	Vertical	101	1.50	-	34.77	38.90	10.39	42.55
AV	12.83974G	42.61	68.20	-25.59	8.30	3	Vertical	152	2.37	-	34.31	39.86	11.00	42.56
AV	13.7131G	46.69	68.20	-21.51	8.35	3	Vertical	266	1.76	-	38.34	39.93	11.35	42.93
PK	10.40904G	51.98	88.20	-36.22	5.34	3	Vertical	55	1.50	-	46.64	38.58	9.80	43.04
PK	11.48158G	53.36	74.00	-20.64	6.70	3	Vertical	101	1.50	-	46.66	38.90	10.38	42.58
PK	12.8379G	54.58	88.20	-33.62	8.29	3	Vertical	152	2.37	-	46.29	39.85	11.00	42.56
PK	13.71424G	59.67	88.20	-28.53	8.35	3	Vertical	266	1.76	-	51.32	39.93	11.35	42.93

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	10.39338G	40.23	68.20	-27.97	5.35	3	Horizontal	292	2.50	-	34.88	38.61	9.79	43.05
AV	11.48292G	41.50	54.00	-12.50	6.71	3	Horizontal	210	2.03	-	34.79	38.90	10.38	42.57
AV	12.82026G	42.56	68.20	-25.64	8.21	3	Horizontal	315	2.50	-	34.35	39.78	10.99	42.56
AV	13.71902G	43.19	68.20	-25.01	8.36	3	Horizontal	132	2.82	-	34.83	39.94	11.36	42.94
PK	10.39736G	52.23	88.20	-35.97	5.35	3	Horizontal	292	2.50	-	46.88	38.61	9.79	43.05
PK	11.48968G	53.56	74.00	-20.44	6.72	3	Horizontal	210	2.03	-	46.84	38.90	10.38	42.56
PK	12.83416G	54.64	88.20	-33.56	8.28	3	Horizontal	315	2.50	-	46.36	39.84	11.00	42.56
PK	13.71954G	54.88	88.20	-33.32	8.36	3	Horizontal	132	2.82	-	46.52	39.94	11.36	42.94