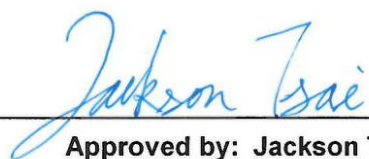


FCC Radio Test Report

FCC ID : UDX-600215010
Equipment : Cisco Wireless 9172H Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9172H
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 30, 2024, and testing was started from Nov. 26, 2024 and completed on Dec. 22, 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 C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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 Testing Applied Standards	11
1.3 Testing Location Information	11
1.4 Measurement Uncertainty	11
2 TEST CONFIGURATION OF EUT.....	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration.....	14
2.3 Accessories	15
2.4 Support Equipment.....	15
2.5 Test Setup Diagram	16
3 TRANSMITTER TEST RESULT	17
3.1 AC Power-line Conducted Emissions	17
3.2 Emission Bandwidth	19
3.3 Maximum Conducted Output Power	20
3.4 Peak Power Spectral Density.....	22
3.5 Unwanted Emissions.....	24
4 TEST EQUIPMENT AND CALIBRATION DATA	28
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver4.5
FCC ID: UDX-600215010

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Debby Hung

1 General Description

1.1 Information

Radio 3 (Scan radio) is only RX function.

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5150-5250	ac (VHT80), ax (HEW80) , be (EHT80)	5210	42 [1]

Non-Beamforming_Radio 2_1T1S_Full RU

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11be EHT20	20	1TX
5.15-5.25GHz	802.11be EHT40	40	1TX
5.15-5.25GHz	802.11be EHT80	80	1TX

Non-Beamforming_Radio 2_1T1S_Multi-RU

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	1TX

Non-Beamforming_Radio 2_2T1S_Full RU

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX

Non-Beamforming_Radio 2_2T1S_Multi-RU

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	2TX

Beamforming

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	2TX
5.15-5.25GHz	802.11be EHT40-BF	40	2TX
5.15-5.25GHz	802.11be EHT80-BF	80	2TX

MRU (static preamble puncturing)

RU-tone	MRU (static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH 42	CH 58	CH 106	CH 122	CH 138	CH 155	CH 171
484+242	1		-	X	-	X	X	X	X
	2		X	X	X	X	X	X	X
	3		X	X	X	X	X	X	X
	4		X	-	X	X	-	X	-

RU-tone	MRU (static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH		
		160	CH50	CH114	CH163
996+484	1		-	X	-
	2		X	X	X
	3		X	X	X
	4		X	-	X
996+484 +242	1		-	X	X
	2		X	X	X
	3		X	X	X
	4		X	X	X
	5		X	X	X
	6		X	X	X
	7		X	X	X
	8		X	-	X

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/HEW20/HEW40/HEW80 mode are the same or lower than EHT20/EHT40/EHT80.

1.1.2 Worst case of MRU(static preamble puncturing) evaluation procedure

1.	Complete test Full RU BE & PSD
2.	Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3.	Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration.
4.	Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing.
5.	Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested.

1.1.3 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	61720064WA	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
2	Sercomm	61720065WA	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
3	Sercomm	61720062WA	PIFA	I-Pex	6G	Radio 2
4	Sercomm	61720063WA	PIFA	I-Pex	6G	Radio 2
5	Sercomm	61720067WA	PIFA	I-Pex	2.4G/5G/6G	Radio 3
6	Sercomm	61720066WA	PIFA	I-Pex	BT	BT

Ant.	Port	Gain (dBi)									
		2.4G	5G				6G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	1	2.68	4.35	5.91	5.86	5	-	-	-	-	-
2	2	2.04	3.5	3.74	5.92	4.6	-	-	-	-	-
3	1	-	-	-	-	-	5.04	4.33	4.45	4.49	-
4	2	-	-	-	-	-	2.88	2.88	3.11	2.92	-
5	1	1.05	4.02	4.78	3.61	2.68	3.33	2.51	1.64	1.01	-
6	1	-	-	-	-	-	-	-	-	-	4.57



Composite Gain (dBi)										
Ant.	Wi-Fi Mode	2.4G	5G				6G			
		Radio 1	Radio 2				Radio 2			
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1-2	DG [1SS]	2.86	6.34	6.89	7.56	6.98	-	-	-	-
	DG [2SS]	2.68	4.35	5.91	5.92	5	-	-	-	-
3-4	DG [1SS]	-	-	-	-	-	5.27	5.41	6.31	6.38
	DG [2SS]	-	-	-	-	-	5.04	4.33	4.45	4.49

Note 1: The EUT has six antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP481514-01.

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit/receive.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

For 5GHz function:

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

Ant. 1 (port 1) could transmit/receive.

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

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

For BT function:

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

Ant. 6 (port 1) could transmit/receive.

For 6GHz function:

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

Ant. 3 (port 1) could transmit/receive.

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

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 ax mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

1.1.4 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit	☒ Full RU	☐ Partial RU	
	☒ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.5 Mode Test Duty Cycle

Non-Beamforming_Radio 2_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	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.

Non-Beamforming_Radio 2_1T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	0.998	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.

**Non-Beamforming_Radio 2_2T1S_Full RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.998	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.

Non-Beamforming_Radio 2_2T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	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.

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.998	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.

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	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	Lego Lin	22.1~23.6°C / 53~58%	06/Dec/2024
RF Conducted	TH07-HY	Alan Chien	22.2~23.5°C / 46~57%	09/Dec/2024~22/Dec/2024
Radiated	03CH03-HY	Ian Liou	19.1~20.5°C / 50~55%	26/Nov/2024~03/Dec/2024
Radiated (Multi-RU)	03CH03-HY	Vasari Huang	20.3~21.8°C / 50~55%	19/Dec/2024~21/Dec/2024
Radiated (Co-location)	03CH02-HY	Daniel Lin	19.8~21.2°C / 51~54%	05/Dec/2024
☐ Wenhua 3rd.	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
(TAF: 3785)	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099.1
------------------------------	--------------------------------------

Non-Beamforming_Radio 2_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	22
5200MHz	22
5240MHz	22
802.11be EHT20_Nss1,(MCS0)_1TX	-
5180MHz	20.5
5200MHz	22
5240MHz	22
802.11be EHT40_Nss1,(MCS0)_1TX	-
5190MHz	21.5
5230MHz	22
802.11be EHT80_Nss1,(MCS0)_1TX	-
5210MHz	22

Non-Beamforming_Radio 2_1T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5210MHz	19.5

Non-Beamforming_Radio 2_2T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	19.5
5200MHz	21.5
5240MHz	22
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	21
5240MHz	22
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	22
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	20

**Non-Beamforming_Radio 2_2T1S_Multi-RU**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5210MHz	17.5

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	21
5240MHz	22
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19
5230MHz	22
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	20

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1:WLAN 2.4G+Radio 2: WLAN 5G+ Radio 2: WLAN 6G+ Bluetooth
Refer to Sporton Test Report No.: FA481514-01 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Bracket wall mount	Brand Name	Cisco	Model Name	CW-MNT-H1
RJ45 Cable (main source)	Brand Name	TUNG-LI	Model Name	5U422WC880L0B/D065MM-1
	Category	Cat5e	In/Out door	Indoor
	Signal Line	0.05meter,non-shielded cable		
RJ45 Cable (2nd source)	Brand Name	NIEN-YI	Model Name	NYS6142
	Category	Cat5e	In/Out door	Indoor
	Signal Line	0.05meter,non-shielded cable		

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

2.4 Support Equipment

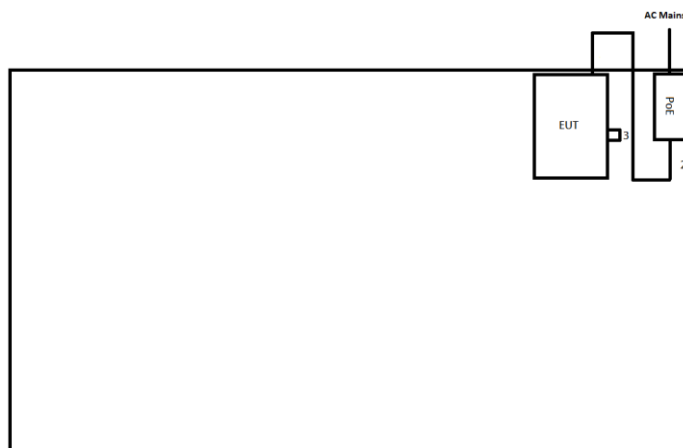
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Provided by Customer

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	Provided by Customer
2	AC power cable	Power sync	PW-GPC180-3	-	Remote
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Remote

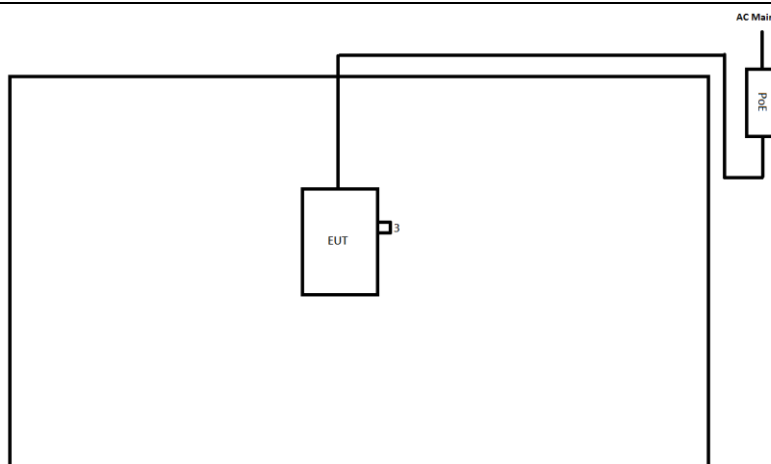
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RJ-45 Cable	No	0.05	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RJ-45 Cable	No	0.05	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

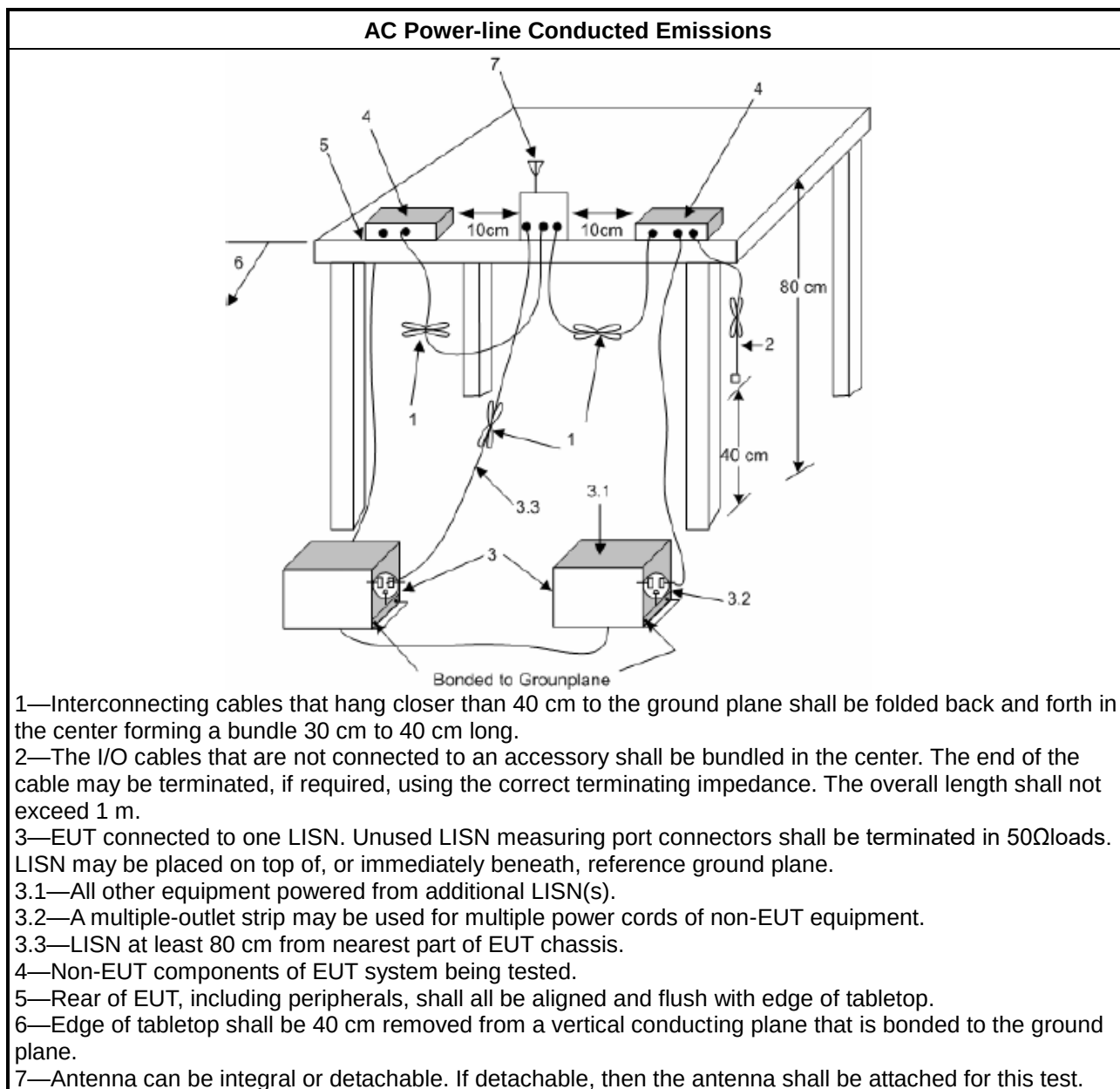
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

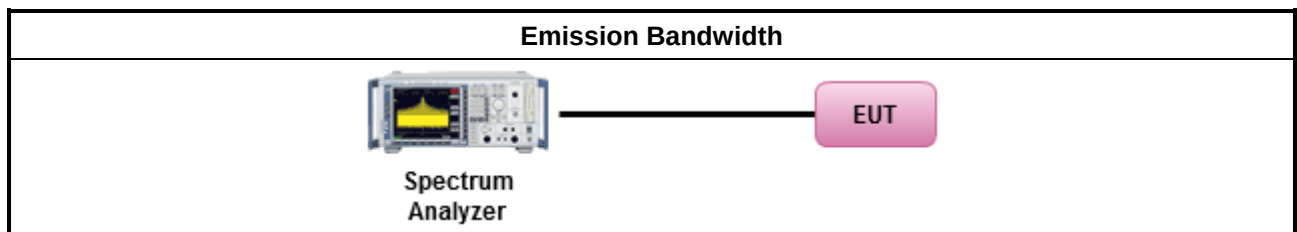
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

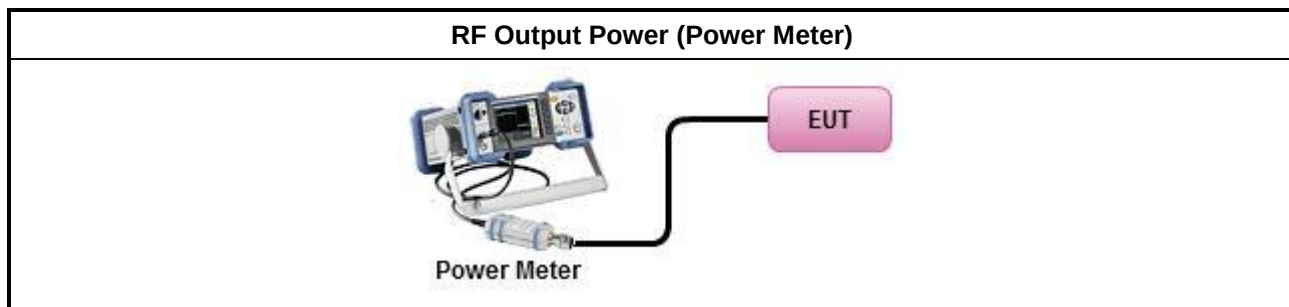
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

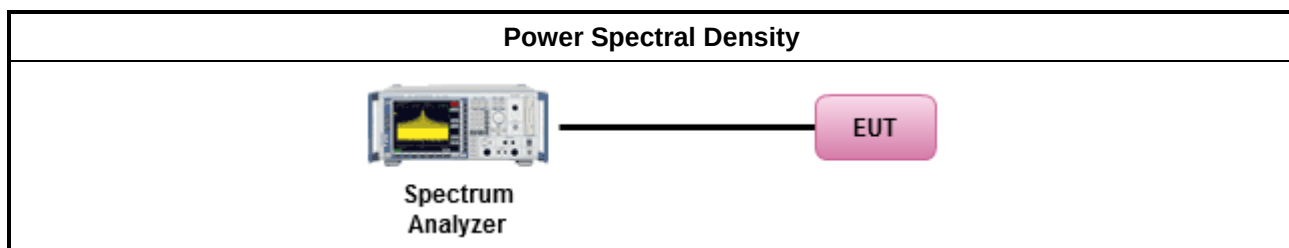
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
- Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.

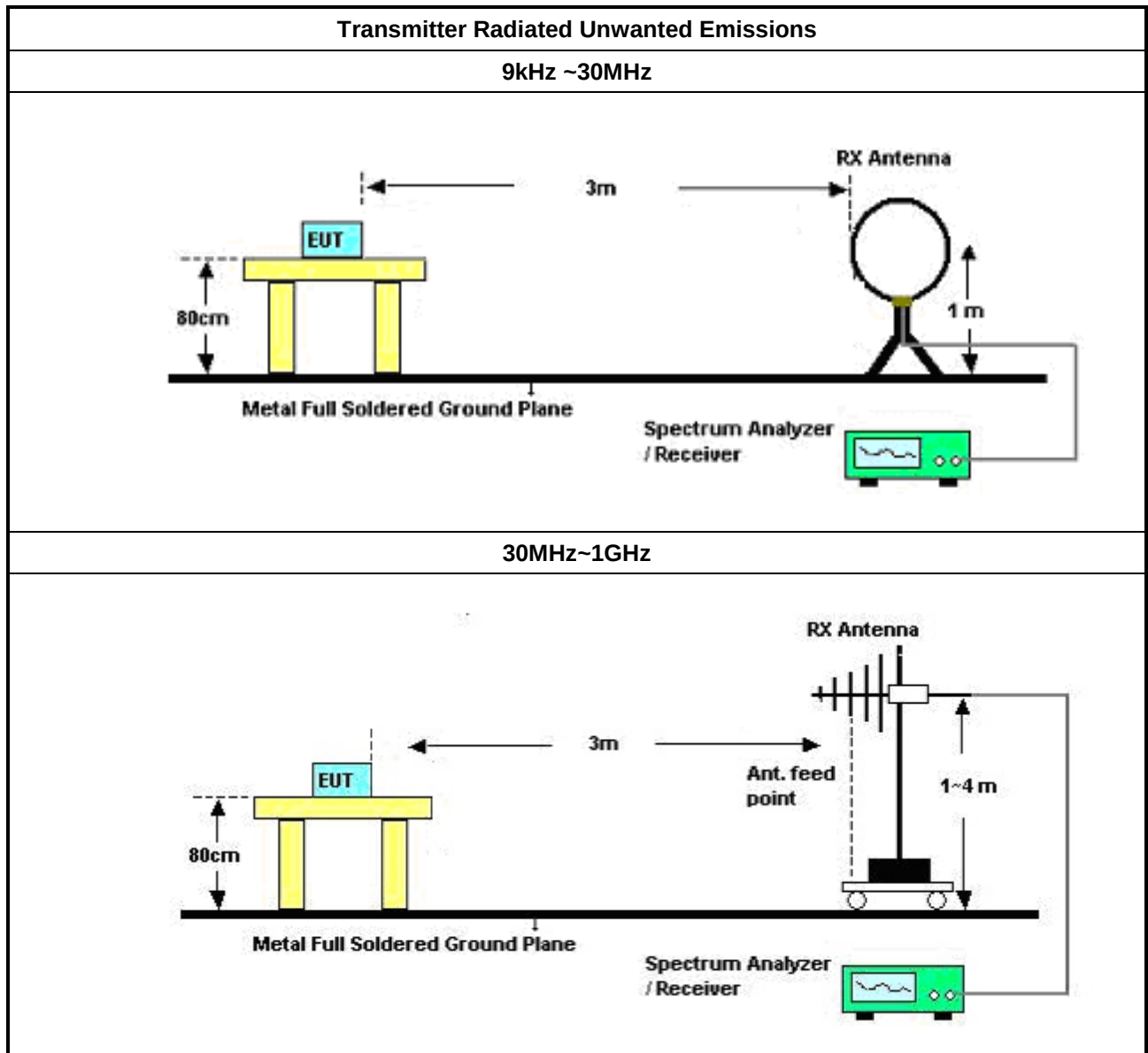
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

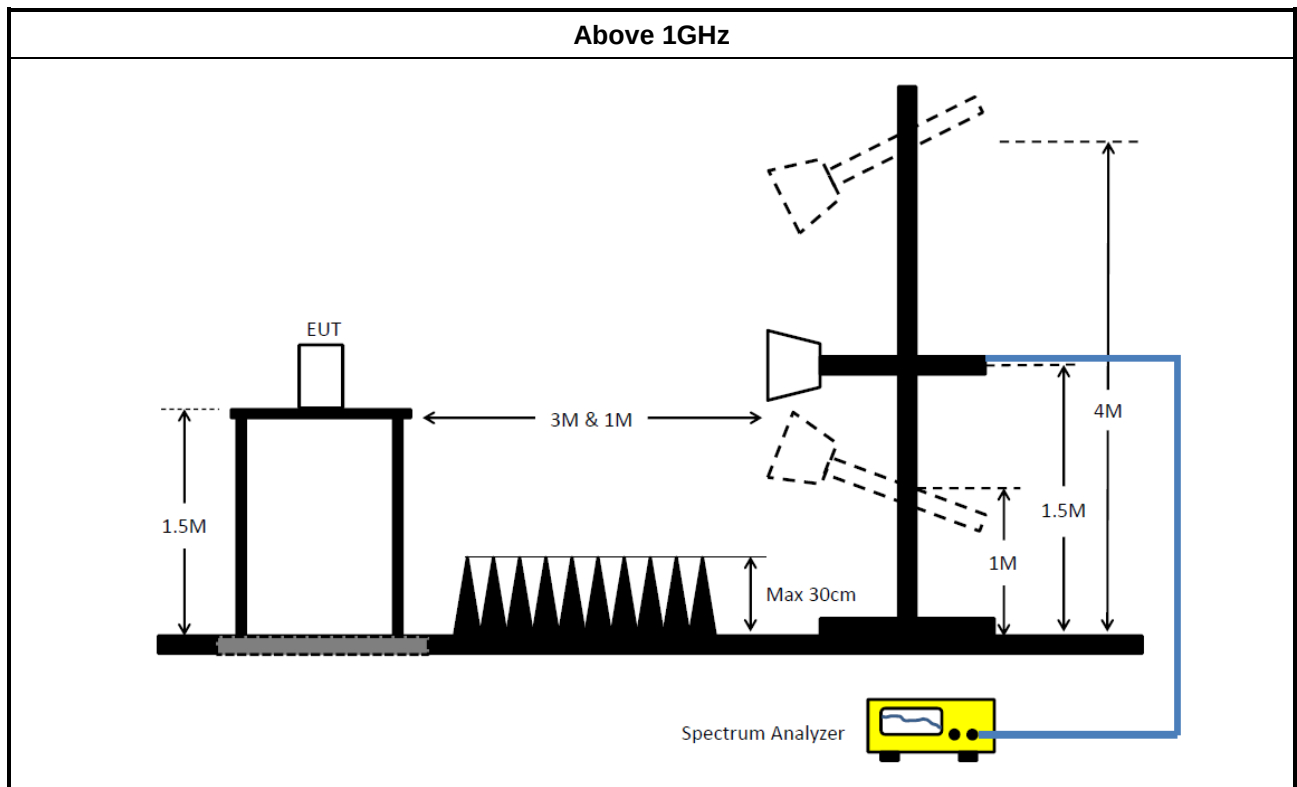
3.5.4 Measurement Results Calculation

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	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
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	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Power Meter	Anritsu	ML2495A	2105003	300MHz~40GHz	13/Sep/2024	12/Sep/2025
Pulse Sensor	Anritsu	MA2411B	1911254	300MHz~40GHz	13/Sep/2024	12/Sep/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Radiated Test_03CH02-HY

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA

**Instrument for Radiated Test_03CH03-HY**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	17/May/2024	16/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Amplifier	Agilent	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Amplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

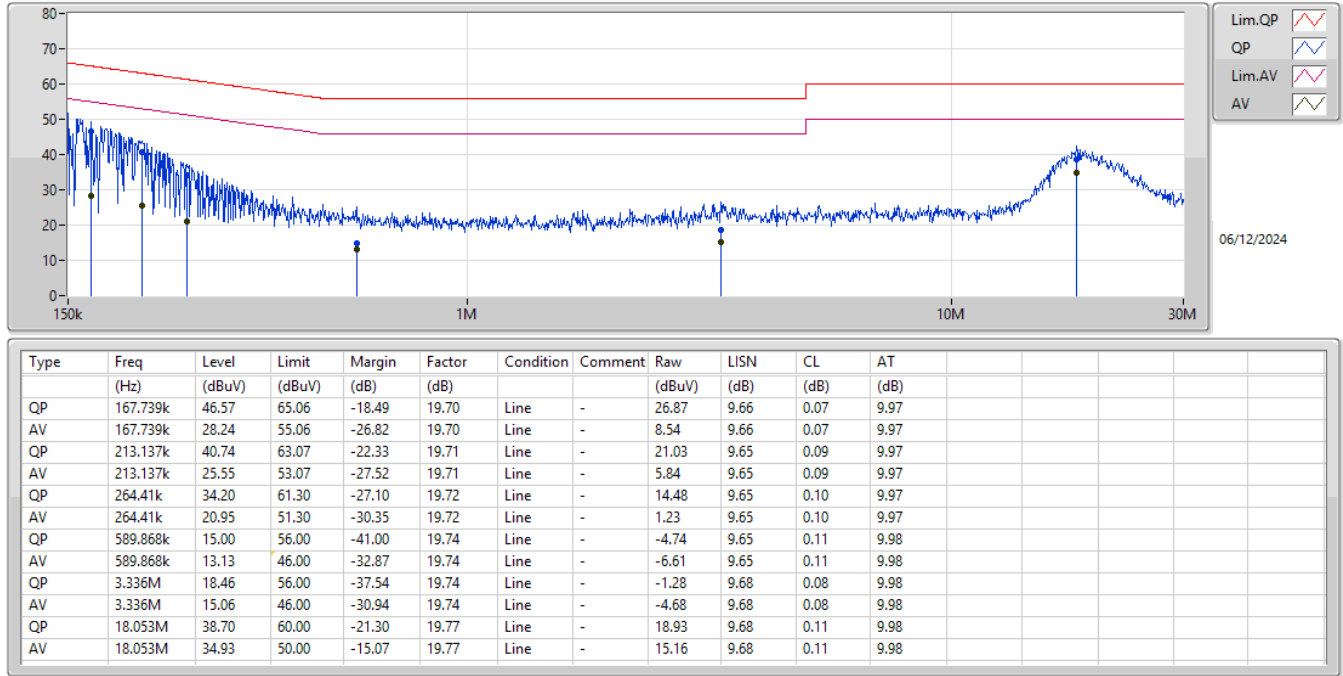
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	18.053M	34.93	50.00	-15.07	Line

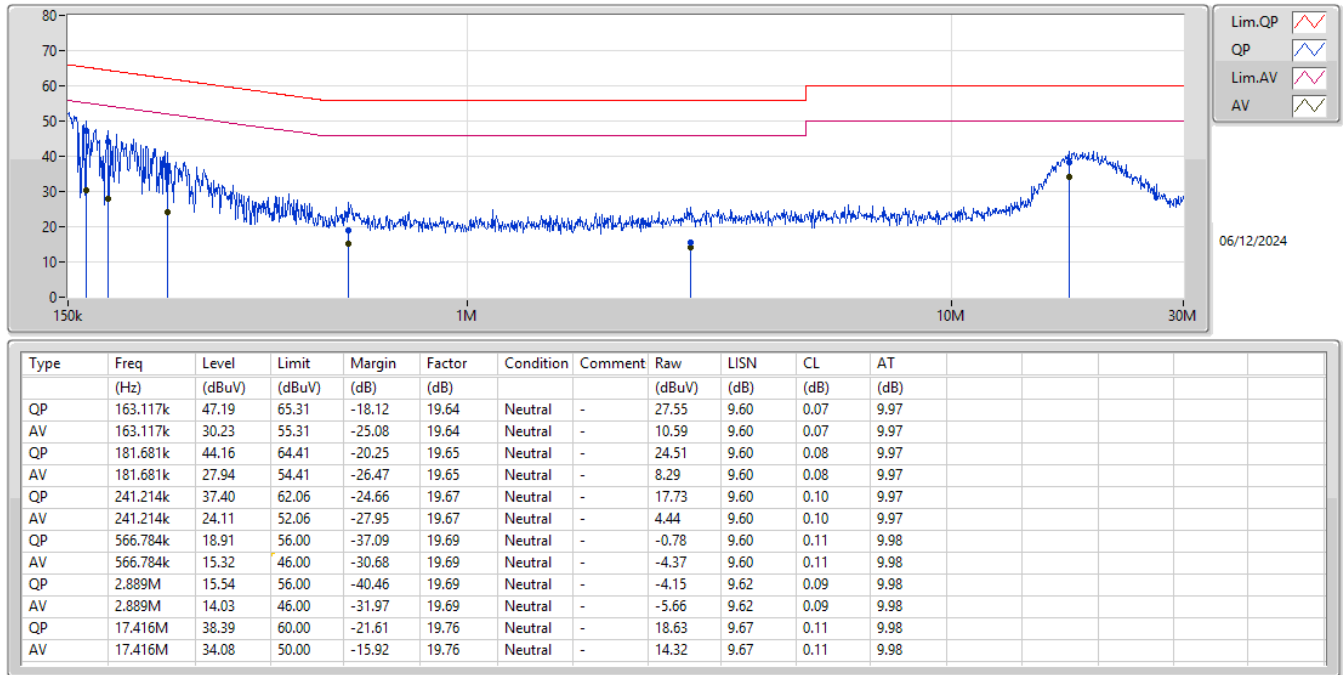
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	167.739k	46.57	65.06	-18.49	Line
Mode 1	Pass	AV	167.739k	28.24	55.06	-26.82	Line
Mode 1	Pass	QP	213.137k	40.74	63.07	-22.33	Line
Mode 1	Pass	AV	213.137k	25.55	53.07	-27.52	Line
Mode 1	Pass	QP	264.41k	34.20	61.30	-27.10	Line
Mode 1	Pass	AV	264.41k	20.95	51.30	-30.35	Line
Mode 1	Pass	QP	589.868k	15.00	56.00	-41.00	Line
Mode 1	Pass	AV	589.868k	13.13	46.00	-32.87	Line
Mode 1	Pass	QP	3.336M	18.46	56.00	-37.54	Line
Mode 1	Pass	AV	3.336M	15.06	46.00	-30.94	Line
Mode 1	Pass	QP	18.053M	38.70	60.00	-21.30	Line
Mode 1	Pass	AV	18.053M	34.93	50.00	-15.07	Line
Mode 1	Pass	QP	163.117k	47.19	65.31	-18.12	Neutral
Mode 1	Pass	AV	163.117k	30.23	55.31	-25.08	Neutral
Mode 1	Pass	QP	181.681k	44.16	64.41	-20.25	Neutral
Mode 1	Pass	AV	181.681k	27.94	54.41	-26.47	Neutral
Mode 1	Pass	QP	241.214k	37.40	62.06	-24.66	Neutral
Mode 1	Pass	AV	241.214k	24.11	52.06	-27.95	Neutral
Mode 1	Pass	QP	566.784k	18.91	56.00	-37.09	Neutral
Mode 1	Pass	AV	566.784k	15.32	46.00	-30.68	Neutral
Mode 1	Pass	QP	2.889M	15.54	56.00	-40.46	Neutral
Mode 1	Pass	AV	2.889M	14.03	46.00	-31.97	Neutral
Mode 1	Pass	QP	17.416M	38.39	60.00	-21.61	Neutral
Mode 1	Pass	AV	17.416M	34.08	50.00	-15.92	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	24.475M	17.046M	17M0D1D	22.11M	16.8M
802.11be EHT20_Nss1,(MCS0)_1TX	23.87M	19.113M	19M1D1D	22.055M	19.031M
802.11be EHT40_Nss1,(MCS0)_1TX	43.78M	38.065M	38M1D1D	42.9M	37.984M
802.11be EHT80_Nss1,(MCS0)_1TX	89.32M	77.843M	77M8D1D	89.32M	77.843M

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	Port 1-N dB	Port 1-OBW
		(Hz)	(Hz)	(Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	24.475M	17.046M
5200MHz	Pass	Inf	22.275M	16.838M
5240MHz	Pass	Inf	22.11M	16.8M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	22.055M	19.031M
5200MHz	Pass	Inf	23.87M	19.113M
5240MHz	Pass	Inf	22.165M	19.08M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	43.78M	37.984M
5230MHz	Pass	Inf	42.9M	38.065M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	89.32M	77.843M

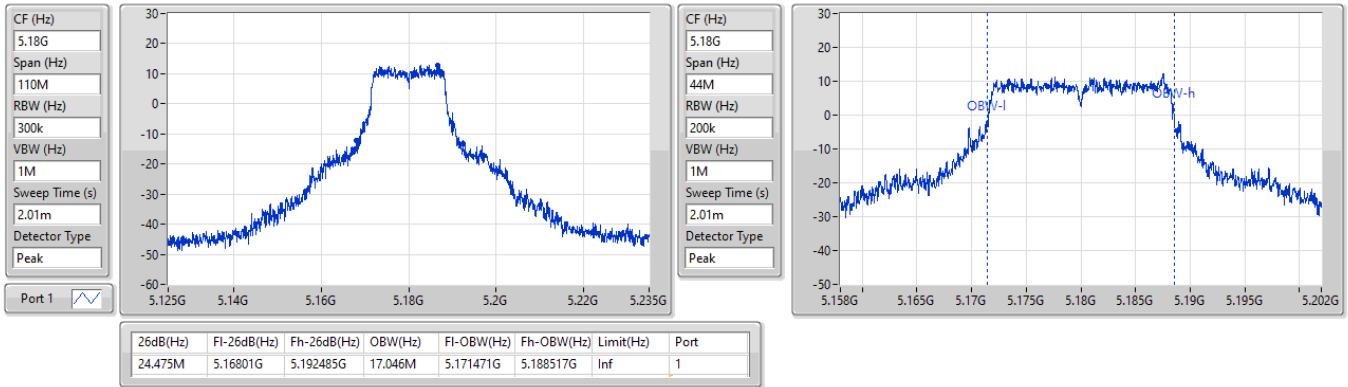
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

10/12/2024

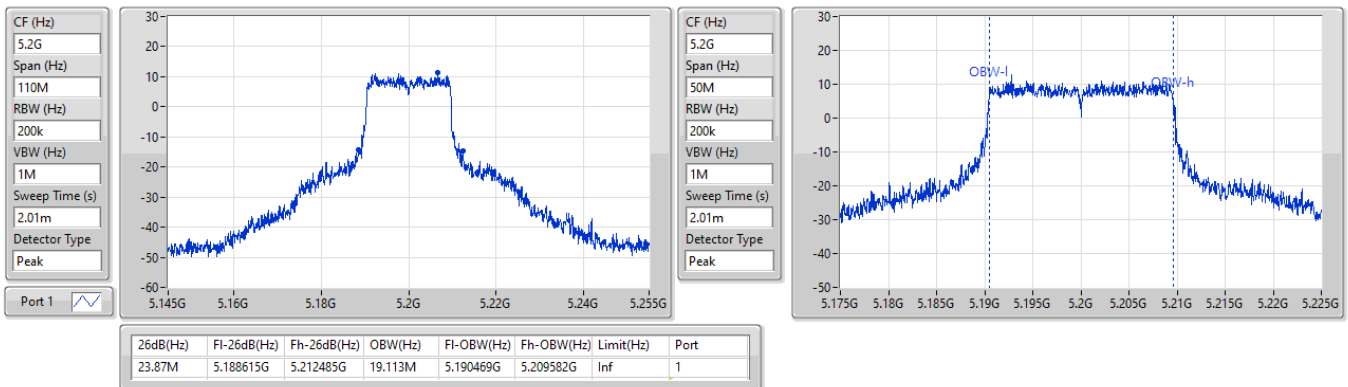


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5200MHz

10/12/2024

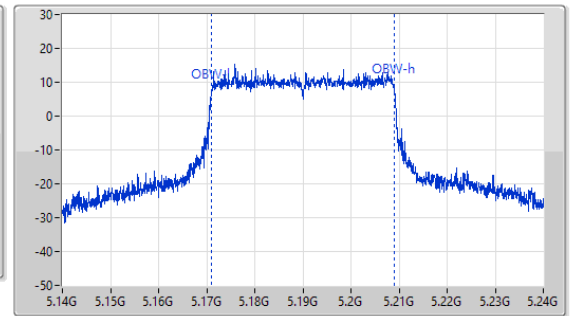
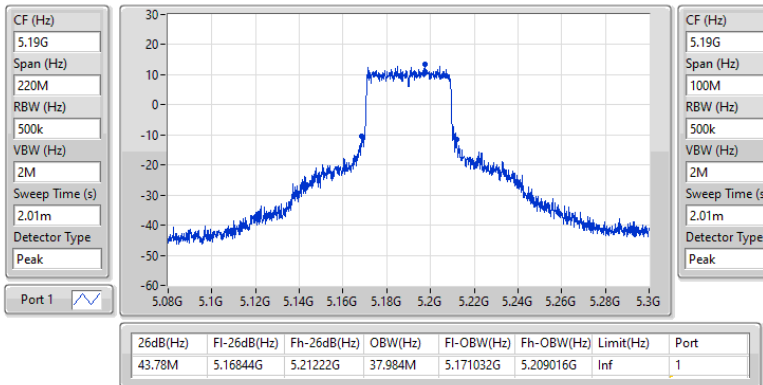


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5190MHz

10/12/2024

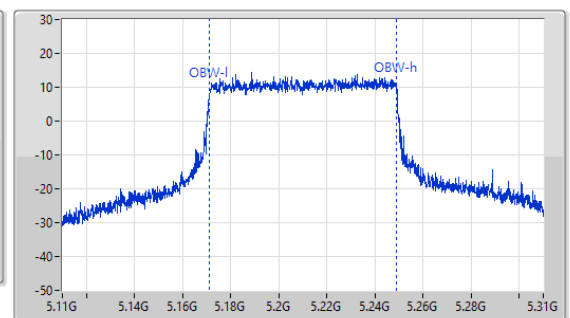
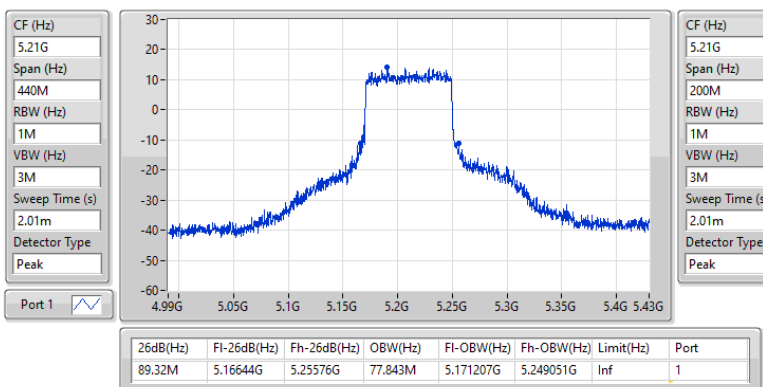


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5210MHz

10/12/2024



**Summary**

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.605M	16.916M	16M9D1D	21.835M	16.561M
802.11be EHT20_Nss1,(MCS0)_2TX	23.32M	19.133M	19M1D1D	21.945M	19.015M
802.11be EHT40_Nss1,(MCS0)_2TX	47.96M	38.244M	38M2D1D	40.37M	38.07M
802.11be EHT80_Nss1,(MCS0)_2TX	87.78M	77.61M	77M6D1D	87.34M	77.594M

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	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.55M	16.587M	21.835M	16.561M
5200MHz	Pass	Inf	22.605M	16.758M	22.165M	16.916M
5240MHz	Pass	Inf	21.835M	16.854M	21.835M	16.875M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.66M	19.133M	23.32M	19.063M
5200MHz	Pass	Inf	23.1M	19.015M	23.155M	19.053M
5240MHz	Pass	Inf	21.945M	19.072M	23.21M	19.083M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.69M	38.244M	40.37M	38.07M
5230MHz	Pass	Inf	42.79M	38.088M	47.96M	38.107M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	87.78M	77.61M	87.34M	77.594M

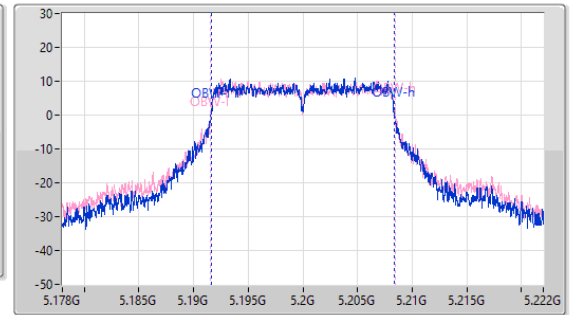
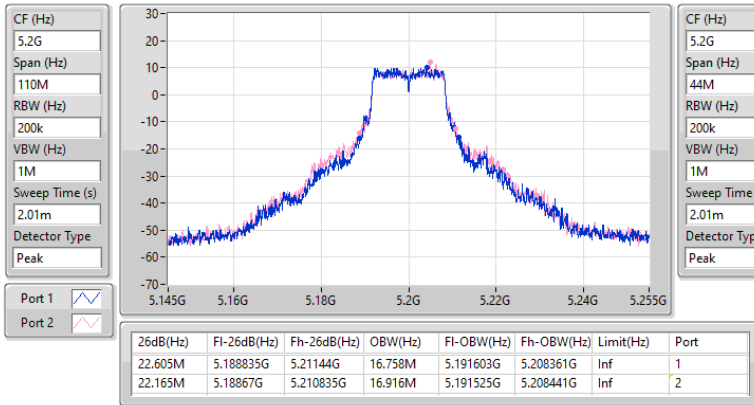
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

09/12/2024

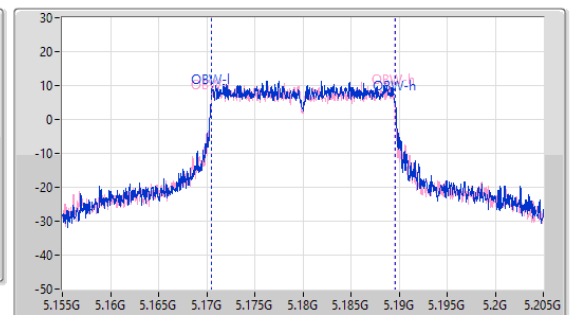
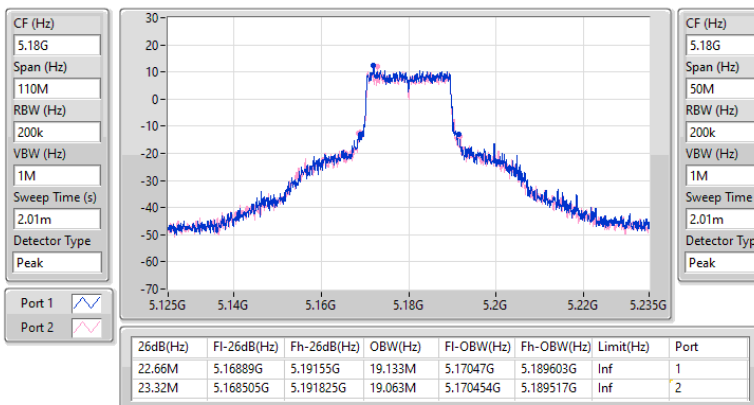


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

09/12/2024

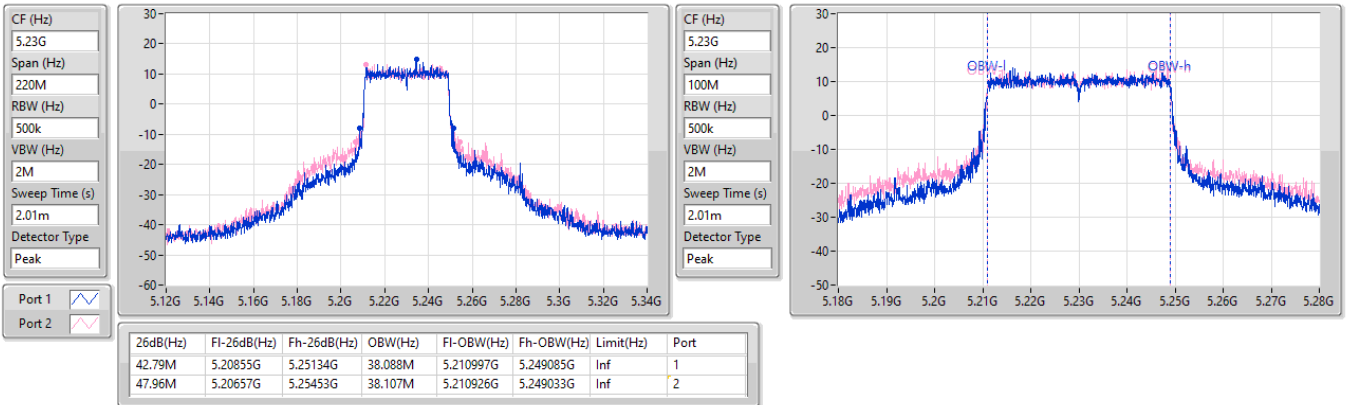


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

09/12/2024

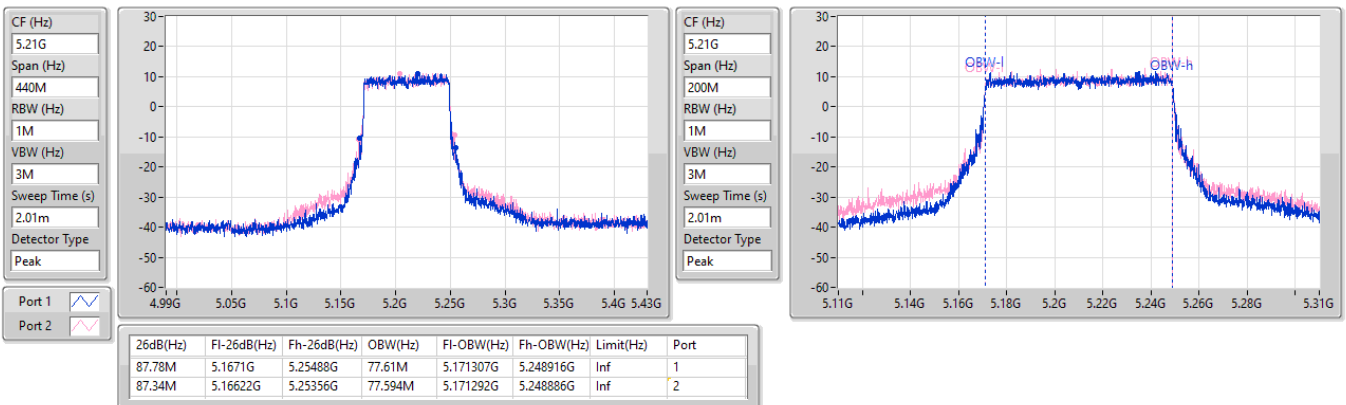


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

09/12/2024





Summary

Mode	Total Power	Total Power
	(dBm)	(W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.31	0.17022
802.11be EHT20_Nss1,(MCS0)_1TX	22.30	0.16982
802.11be EHT40_Nss1,(MCS0)_1TX	22.23	0.16711
802.11be EHT80_Nss1,(MCS0)_1TX	22.14	0.16368

**Result**

Mode	Result	DG	Port 1	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.35	22.31	22.31	30.00
5200MHz	Pass	4.35	22.22	22.22	30.00
5240MHz	Pass	4.35	21.95	21.95	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.35	21.11	21.11	30.00
5200MHz	Pass	4.35	22.30	22.30	30.00
5240MHz	Pass	4.35	21.93	21.93	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.35	22.12	22.12	30.00
5230MHz	Pass	4.35	22.23	22.23	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.35	22.14	22.14	30.00

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



Summary

Mode	Total Power	Total Power
	(dBm)	(W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	24.89	0.30832
802.11be EHT20_Nss1,(MCS0)_2TX	24.98	0.31477
802.11be EHT40_Nss1,(MCS0)_2TX	25.33	0.34119
802.11be EHT80_Nss1,(MCS0)_2TX	23.18	0.20797

**Result**

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.35	19.90	19.46	22.70	30.00
5200MHz	Pass	4.35	21.63	21.52	24.59	30.00
5240MHz	Pass	4.35	21.88	21.87	24.89	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	4.35	21.97	21.48	24.74	30.00
5200MHz	Pass	4.35	21.38	21.20	24.30	30.00
5240MHz	Pass	4.35	21.96	21.98	24.98	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	4.35	19.41	19.18	22.31	30.00
5230MHz	Pass	4.35	22.32	22.31	25.33	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	4.35	20.16	20.18	23.18	30.00

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



Summary

Mode	Total Power	Total Power
	(dBm)	(W)
5.15-5.25GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.98	0.31477
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.33	0.34119
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.18	0.20797

**Result**

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.34	21.97	21.48	24.74	29.66
5200MHz	Pass	6.34	21.38	21.20	24.30	29.66
5240MHz	Pass	6.34	21.96	21.98	24.98	29.66
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.34	19.41	19.18	22.31	29.66
5230MHz	Pass	6.34	22.32	22.31	25.33	29.66
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.34	20.16	20.18	23.18	29.66

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



Summary

Mode	PD
	(dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.13
802.11be EHT20_Nss1,(MCS0)_1TX	8.44
802.11be EHT40_Nss1,(MCS0)_1TX	5.53
802.11be EHT80_Nss1,(MCS0)_1TX	2.54

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



Result

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.35	9.13	9.13	17.00
5200MHz	Pass	4.35	9.04	9.04	17.00
5240MHz	Pass	4.35	8.73	8.73	17.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.35	7.35	7.35	17.00
5200MHz	Pass	4.35	8.44	8.44	17.00
5240MHz	Pass	4.35	8.14	8.14	17.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.35	5.37	5.37	17.00
5230MHz	Pass	4.35	5.53	5.53	17.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.35	2.54	2.54	17.00

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.



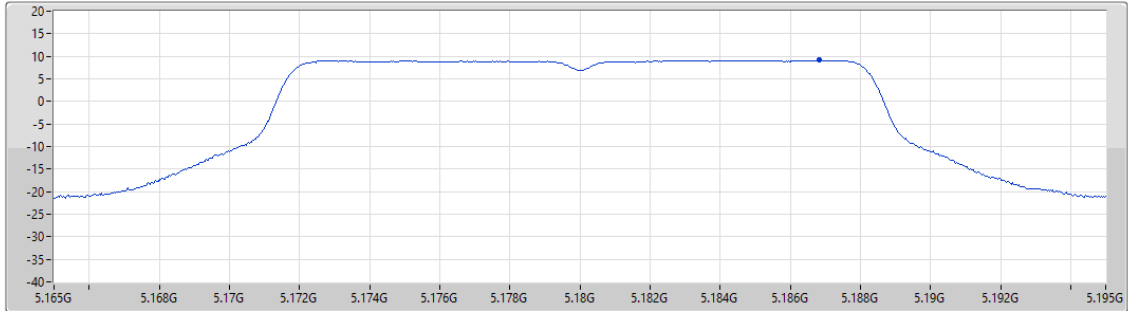
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

10/12/2024

CF (Hz)
5.18G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.954
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	9.13

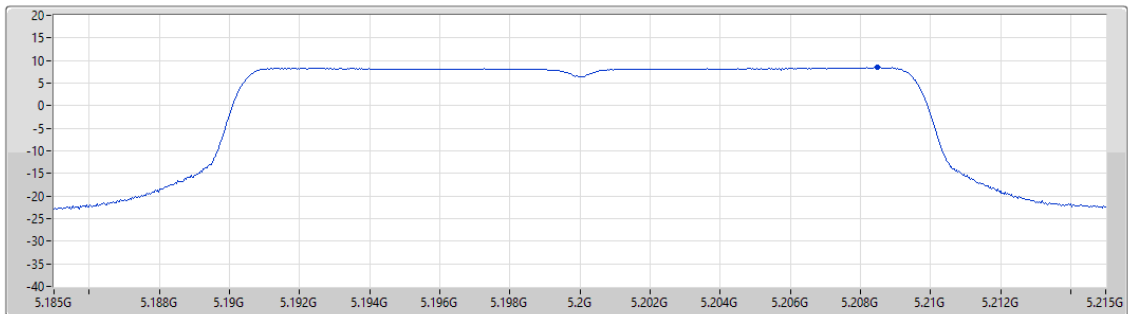
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

10/12/2024

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.44	8.44	8.44



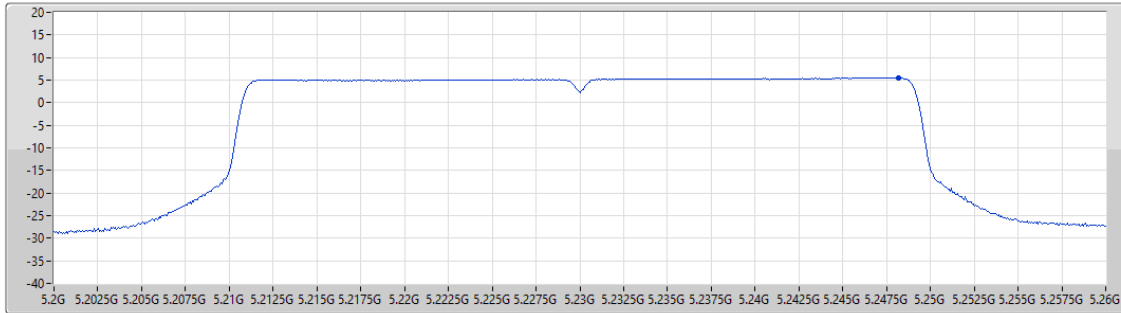
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

10/12/2024

CF (Hz)
5.23G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.53	5.53	5.53

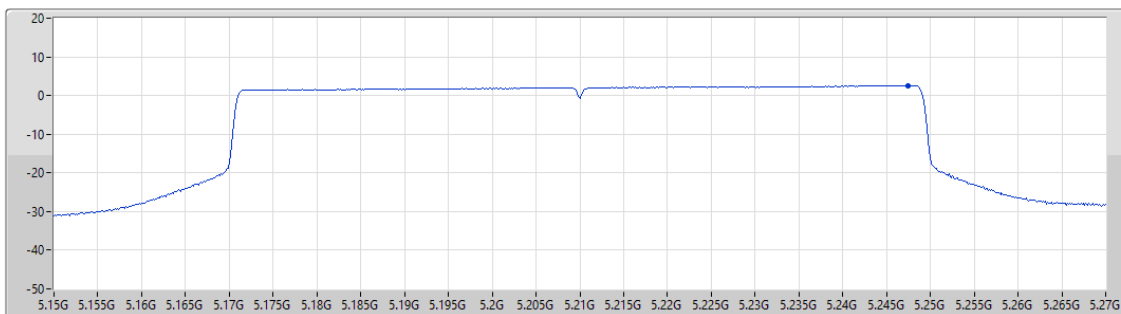
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

10/12/2024

CF (Hz)
5.21G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.54	2.54	2.54



Summary

Mode	PD
	(dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	1.55

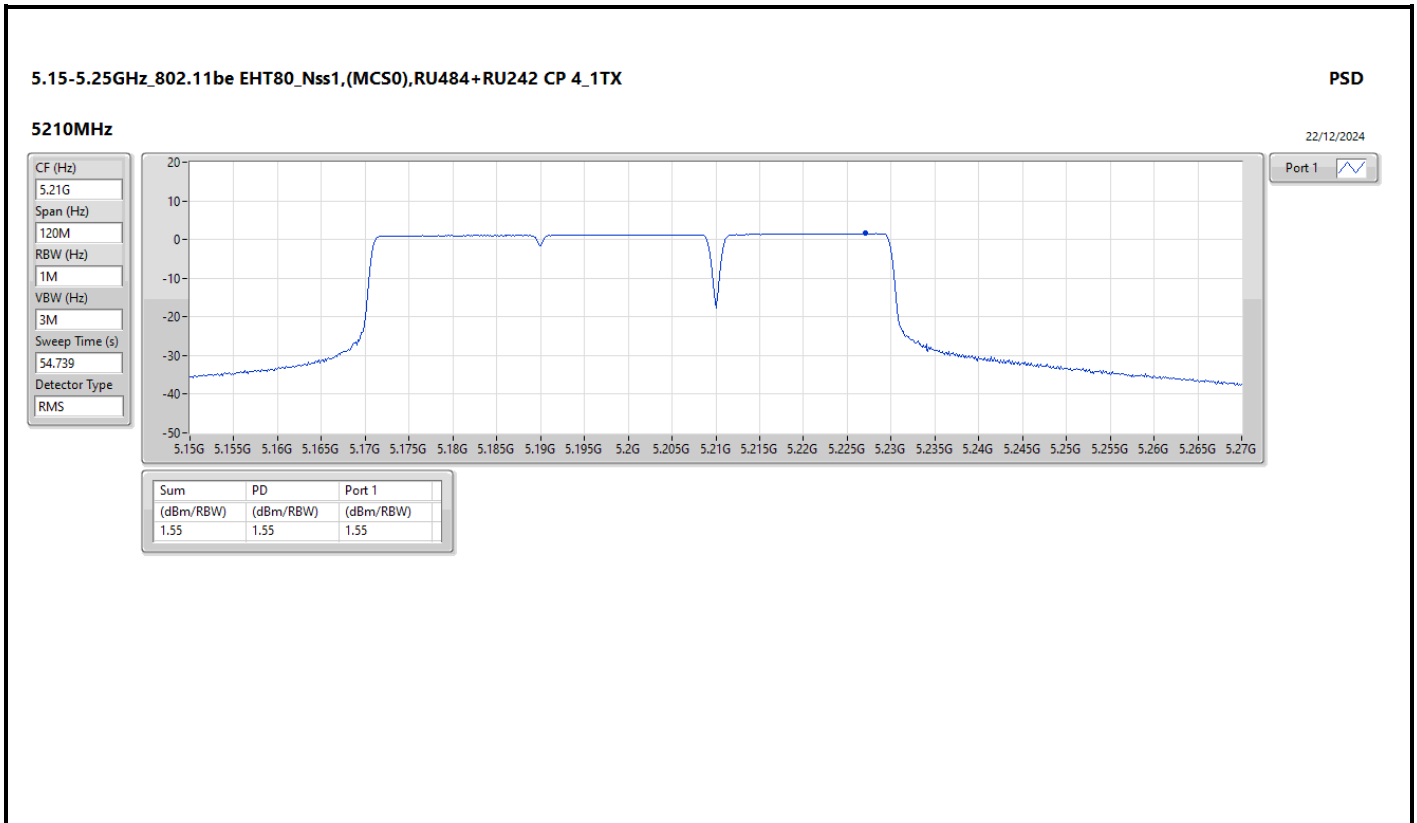
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-
5210MHz	Pass	4.35	1.55	1.55	17.00

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.





Summary

Mode	PD
	(dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.61
802.11be EHT20_Nss1,(MCS0)_2TX	11.10
802.11be EHT40_Nss1,(MCS0)_2TX	8.48
802.11be EHT80_Nss1,(MCS0)_2TX	3.47

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



Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.34	6.85	6.32	9.54	16.66
5200MHz	Pass	6.34	8.45	8.30	11.38	16.66
5240MHz	Pass	6.34	8.57	8.71	11.61	16.66
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.34	8.23	7.55	10.90	16.66
5200MHz	Pass	6.34	7.64	7.25	10.42	16.66
5240MHz	Pass	6.34	8.19	8.14	11.10	16.66
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.34	2.70	2.53	5.60	16.66
5230MHz	Pass	6.34	5.57	5.44	8.48	16.66
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.34	0.61	0.35	3.47	16.66

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.

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

PSD

5240MHz

09/12/2024

CF (Hz)
5.24G

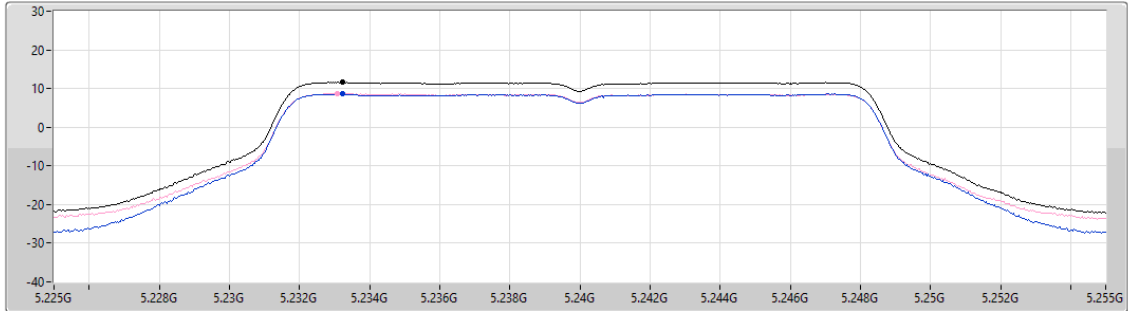
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	8.57	8.71

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

09/12/2024

CF (Hz)
5.24G

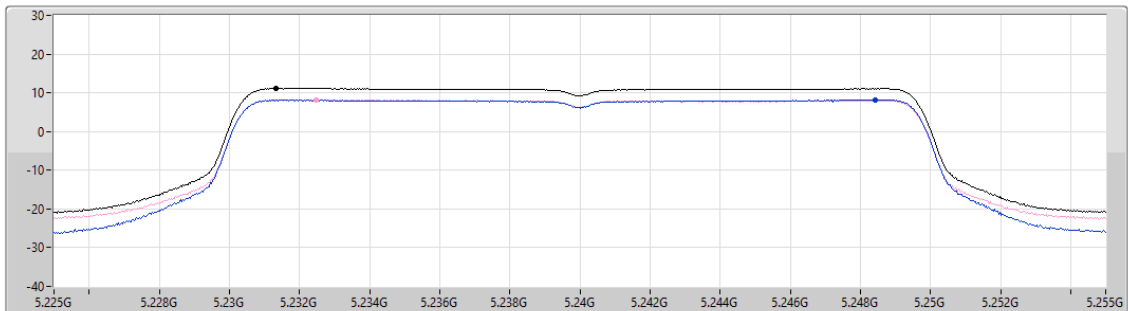
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

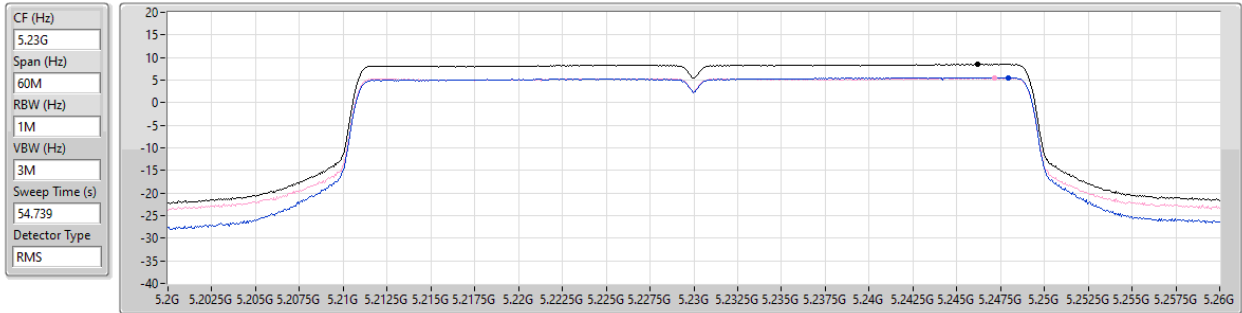
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	8.19	8.14

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

09/12/2024



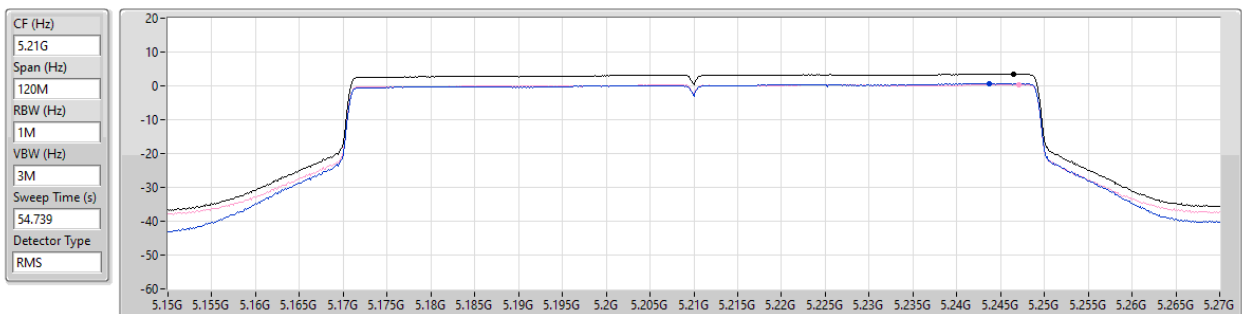
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.48	8.48	5.57	5.44

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

09/12/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.47	3.47	0.61	0.35



Summary

Mode	PD
	(dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	2.62

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



Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-
5210MHz	Pass	6.34	-0.41	-0.35	2.62	16.66

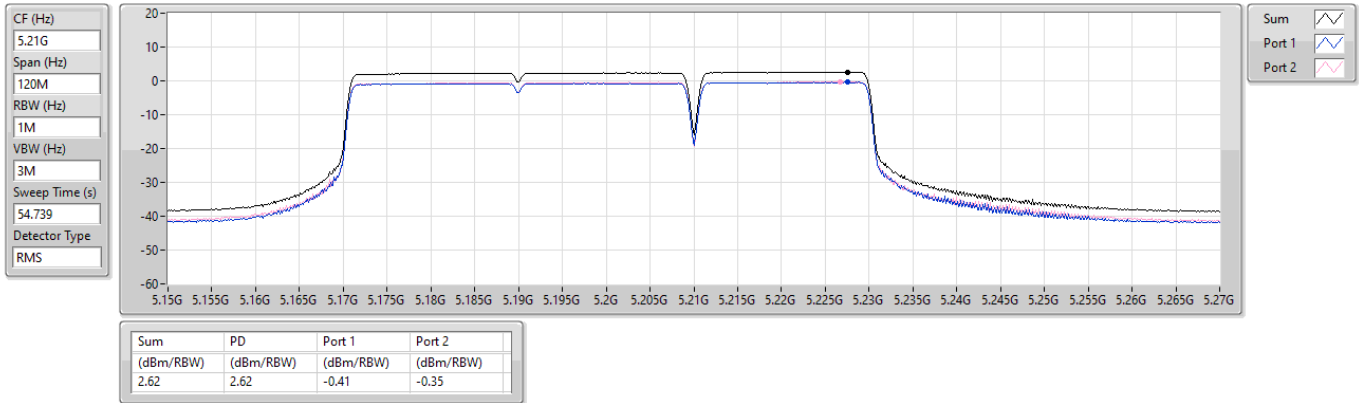
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX

PSD

5210MHz

21/12/2024





RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	30M	33.31	40.00	-6.69	3	Vertical	360	1.00



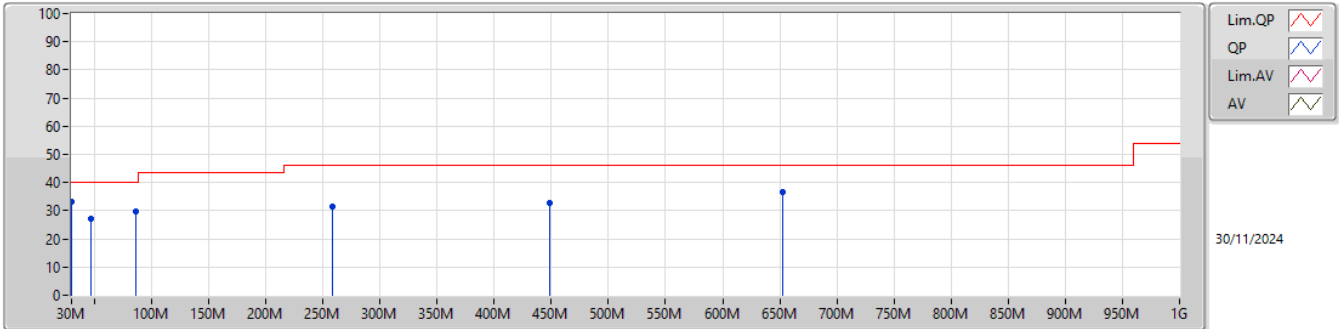
RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.1

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	30M	33.31	40.00	-6.69	3	Vertical	360	1.00
5210MHz	Pass	PK	47.46M	27.37	40.00	-12.63	3	Vertical	360	1.00
5210MHz	Pass	PK	86.26M	29.82	40.00	-10.18	3	Vertical	360	1.00
5210MHz	Pass	PK	258.92M	31.60	46.00	-14.40	3	Vertical	360	1.00
5210MHz	Pass	PK	449.04M	32.95	46.00	-13.05	3	Vertical	360	1.00
5210MHz	Pass	PK	652.74M	36.45	46.00	-9.55	3	Vertical	360	1.00
5210MHz	Pass	PK	30M	25.85	40.00	-14.15	3	Horizontal	0	1.00
5210MHz	Pass	PK	161.92M	29.77	43.50	-13.73	3	Horizontal	0	1.00
5210MHz	Pass	PK	216M	29.24	46.00	-16.76	3	Horizontal	0	1.00
5210MHz	Pass	PK	276.38M	34.82	46.00	-11.18	3	Horizontal	0	1.00
5210MHz	Pass	PK	315.18M	33.42	46.00	-12.58	3	Horizontal	0	1.00
5210MHz	Pass	PK	633.34M	34.00	46.00	-12.00	3	Horizontal	0	1.00

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

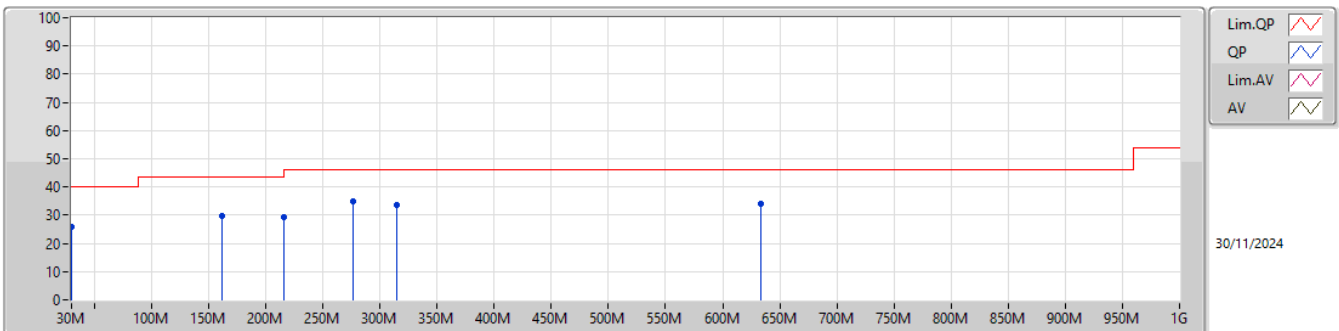
5210MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	33.31	40.00	-6.69	-3.00	3	Vertical	360	1.00	36.31	24.27	0.24	27.51				
PK	47.46M	27.37	40.00	-12.63	-11.77	3	Vertical	360	1.00	39.14	15.19	0.40	27.36				
PK	86.26M	29.82	40.00	-10.18	-12.13	3	Vertical	360	1.00	41.95	14.35	0.85	27.33				
PK	258.92M	31.60	46.00	-14.40	-4.93	3	Vertical	360	1.00	36.53	19.63	2.17	26.73				
PK	449.04M	32.95	46.00	-13.05	-2.01	3	Vertical	360	1.00	34.96	22.93	2.90	27.84				
PK	652.74M	36.45	46.00	-9.55	0.68	3	Vertical	360	1.00	35.77	25.10	3.79	28.21				

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5210MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	25.85	40.00	-14.15	-3.00	3	Horizontal	0	1.00	28.85	24.27	0.24	27.51				
PK	161.92M	29.77	43.50	-13.73	-9.49	3	Horizontal	0	1.00	39.26	15.87	1.74	27.10				
PK	216M	29.24	46.00	-16.76	-9.85	3	Horizontal	0	1.00	39.09	14.96	2.07	26.88				
PK	276.38M	34.82	46.00	-11.18	-5.57	3	Horizontal	0	1.00	40.39	18.95	2.20	26.72				
PK	315.18M	33.42	46.00	-12.58	-4.79	3	Horizontal	0	1.00	38.21	19.70	2.32	26.81				
PK	633.34M	34.00	46.00	-12.00	0.53	3	Horizontal	0	1.00	33.47	25.04	3.71	28.22				



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	53.49	54.00	-0.51	3	Vertical	340	1.79
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	AV	5.1488G	51.44	54.00	-2.56	3	Vertical	339	1.80
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	AV	5.15G	52.37	54.00	-1.63	3	Vertical	335	2.06
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	AV	5.149G	51.73	54.00	-2.27	3	Vertical	334	2.05

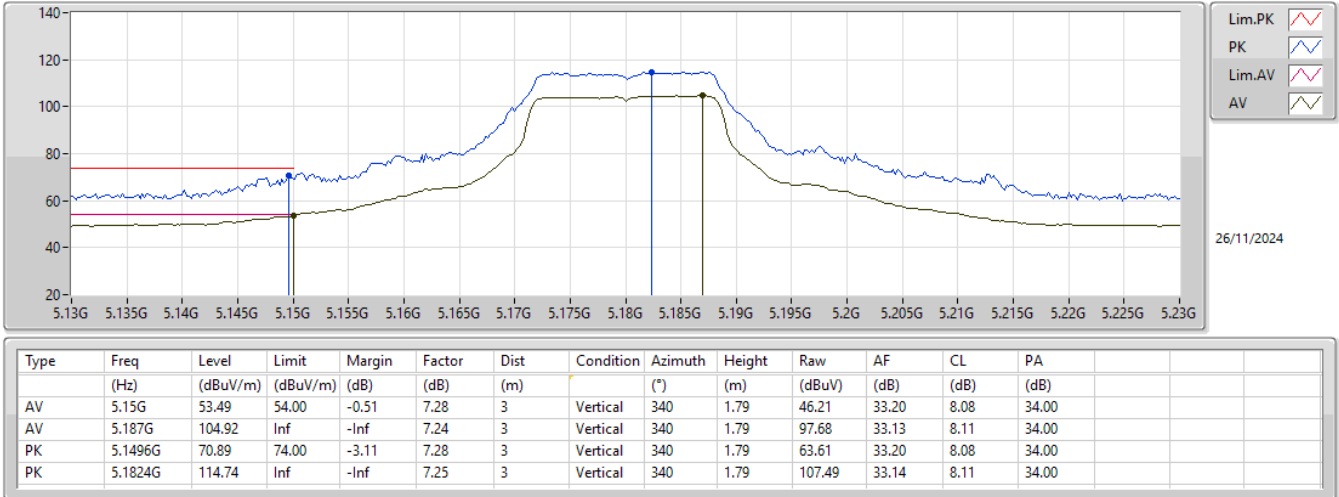
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.49	54.00	-0.51	3	Vertical	340	1.79
5180MHz	Pass	AV	5.187G	104.92	Inf	-Inf	3	Vertical	340	1.79
5180MHz	Pass	PK	5.1496G	70.89	74.00	-3.11	3	Vertical	340	1.79
5180MHz	Pass	PK	5.1824G	114.74	Inf	-Inf	3	Vertical	340	1.79
5180MHz	Pass	AV	5.15G	50.77	54.00	-3.23	3	Horizontal	40	1.06
5180MHz	Pass	AV	5.1866G	101.32	Inf	-Inf	3	Horizontal	40	1.06
5180MHz	Pass	PK	5.1498G	66.76	74.00	-7.24	3	Horizontal	40	1.06
5180MHz	Pass	PK	5.1868G	111.38	Inf	-Inf	3	Horizontal	40	1.06
5180MHz	Pass	PK	10.36292G	53.74	68.20	-14.46	3	Vertical	8	1.50
5180MHz	Pass	PK	10.35412G	54.00	68.20	-14.20	3	Horizontal	93	2.88
5200MHz	Pass	AV	5.1484G	48.74	54.00	-5.26	3	Vertical	336	2.10
5200MHz	Pass	AV	5.1968G	104.30	Inf	-Inf	3	Vertical	336	2.10
5200MHz	Pass	PK	5.1456G	62.21	74.00	-11.79	3	Vertical	336	2.10
5200MHz	Pass	PK	5.1936G	114.95	Inf	-Inf	3	Vertical	336	2.10
5200MHz	Pass	AV	5.1488G	47.69	54.00	-6.31	3	Horizontal	41	1.01
5200MHz	Pass	AV	5.2024G	101.53	Inf	-Inf	3	Horizontal	41	1.01
5200MHz	Pass	PK	5.1488G	60.74	74.00	-13.26	3	Horizontal	41	1.01
5200MHz	Pass	PK	5.1936G	111.48	Inf	-Inf	3	Horizontal	41	1.01
5200MHz	Pass	PK	10.39904G	54.11	68.20	-14.09	3	Vertical	183	1.50
5200MHz	Pass	PK	10.41344G	55.30	68.20	-12.90	3	Horizontal	247	1.50
5240MHz	Pass	AV	5.1488G	46.45	54.00	-7.55	3	Vertical	335	1.95
5240MHz	Pass	AV	5.243G	103.44	Inf	-Inf	3	Vertical	335	1.95
5240MHz	Pass	AV	5.351G	46.21	54.00	-7.79	3	Vertical	335	1.95
5240MHz	Pass	PK	5.15G	59.76	74.00	-14.24	3	Vertical	335	1.95
5240MHz	Pass	PK	5.2424G	113.68	Inf	-Inf	3	Vertical	335	1.95
5240MHz	Pass	PK	5.3744G	58.93	74.00	-15.07	3	Vertical	335	1.95
5240MHz	Pass	AV	5.1488G	46.41	54.00	-7.59	3	Horizontal	39	1.00
5240MHz	Pass	AV	5.2352G	101.19	Inf	-Inf	3	Horizontal	39	1.00
5240MHz	Pass	AV	5.3516G	46.35	54.00	-7.65	3	Horizontal	39	1.00
5240MHz	Pass	PK	5.1404G	59.02	74.00	-14.98	3	Horizontal	39	1.00
5240MHz	Pass	PK	5.2424G	111.28	Inf	-Inf	3	Horizontal	39	1.00
5240MHz	Pass	PK	5.3594G	59.30	74.00	-14.70	3	Horizontal	39	1.00
5240MHz	Pass	PK	10.48774G	53.66	68.20	-14.54	3	Vertical	243	1.50
5240MHz	Pass	PK	10.4878G	54.23	68.20	-13.97	3	Horizontal	292	2.65
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149G	51.34	54.00	-2.66	3	Vertical	327	1.43
5180MHz	Pass	AV	5.1886G	102.83	Inf	-Inf	3	Vertical	327	1.43
5180MHz	Pass	PK	5.149G	67.69	74.00	-6.31	3	Vertical	327	1.43
5180MHz	Pass	PK	5.1886G	116.08	Inf	-Inf	3	Vertical	327	1.43
5180MHz	Pass	AV	5.149G	49.42	54.00	-4.58	3	Horizontal	40	1.07
5180MHz	Pass	AV	5.1882G	99.79	Inf	-Inf	3	Horizontal	40	1.07
5180MHz	Pass	PK	5.1478G	64.78	74.00	-9.22	3	Horizontal	40	1.07
5180MHz	Pass	PK	5.187G	113.65	Inf	-Inf	3	Horizontal	40	1.07
5180MHz	Pass	PK	10.34668G	54.63	68.20	-13.57	3	Vertical	306	1.85
5180MHz	Pass	PK	10.3687G	55.19	68.20	-13.01	3	Horizontal	281	1.81
5200MHz	Pass	AV	5.1488G	51.44	54.00	-2.56	3	Vertical	339	1.80
5200MHz	Pass	AV	5.1916G	104.14	Inf	-Inf	3	Vertical	339	1.80
5200MHz	Pass	PK	5.1492G	69.50	74.00	-4.50	3	Vertical	339	1.80
5200MHz	Pass	PK	5.198G	117.07	Inf	-Inf	3	Vertical	339	1.80
5200MHz	Pass	AV	5.15G	48.87	54.00	-5.13	3	Horizontal	30	1.19
5200MHz	Pass	AV	5.1916G	100.59	Inf	-Inf	3	Horizontal	30	1.19
5200MHz	Pass	PK	5.1492G	64.14	74.00	-9.86	3	Horizontal	30	1.19
5200MHz	Pass	PK	5.196G	113.53	Inf	-Inf	3	Horizontal	30	1.19
5200MHz	Pass	PK	10.41104G	54.36	68.20	-13.84	3	Vertical	71	1.50
5200MHz	Pass	PK	10.39286G	54.28	68.20	-13.92	3	Horizontal	105	1.58
5240MHz	Pass	AV	5.1464G	46.60	54.00	-7.40	3	Vertical	47	2.26
5240MHz	Pass	AV	5.2472G	104.28	Inf	-Inf	3	Vertical	47	2.26
5240MHz	Pass	AV	5.3516G	46.72	54.00	-7.28	3	Vertical	47	2.26
5240MHz	Pass	PK	5.1428G	59.59	74.00	-14.41	3	Vertical	47	2.26
5240MHz	Pass	PK	5.2484G	117.58	Inf	-Inf	3	Vertical	47	2.26

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5240MHz	Pass	PK	5.3756G	59.94	74.00	-14.06	3	Vertical	47	2.26
5240MHz	Pass	AV	5.1482G	46.43	54.00	-7.57	3	Horizontal	40	1.14
5240MHz	Pass	AV	5.2316G	100.11	Inf	-Inf	3	Horizontal	40	1.14
5240MHz	Pass	AV	5.3504G	46.31	54.00	-7.69	3	Horizontal	40	1.14
5240MHz	Pass	PK	5.1338G	59.10	74.00	-14.90	3	Horizontal	40	1.14
5240MHz	Pass	PK	5.2376G	112.44	Inf	-Inf	3	Horizontal	40	1.14
5240MHz	Pass	PK	5.3624G	58.82	74.00	-15.18	3	Horizontal	40	1.14
5240MHz	Pass	PK	10.4803G	53.86	68.20	-14.34	3	Vertical	181	2.85
5240MHz	Pass	PK	10.47064G	54.48	68.20	-13.72	3	Horizontal	43	1.50
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.37	54.00	-1.63	3	Vertical	335	2.06
5190MHz	Pass	AV	5.1724G	99.53	Inf	-Inf	3	Vertical	335	2.06
5190MHz	Pass	PK	5.1456G	71.38	74.00	-2.62	3	Vertical	335	2.06
5190MHz	Pass	PK	5.1968G	112.36	Inf	-Inf	3	Vertical	335	2.06
5190MHz	Pass	AV	5.1496G	50.52	54.00	-3.48	3	Horizontal	44	1.06
5190MHz	Pass	AV	5.1924G	97.07	Inf	-Inf	3	Horizontal	44	1.06
5190MHz	Pass	PK	5.1456G	67.99	74.00	-6.01	3	Horizontal	44	1.06
5190MHz	Pass	PK	5.1728G	110.05	Inf	-Inf	3	Horizontal	44	1.06
5190MHz	Pass	PK	10.38G	54.69	68.20	-13.51	3	Vertical	240	2.54
5190MHz	Pass	PK	10.40184G	54.61	68.20	-13.59	3	Horizontal	170	2.53
5230MHz	Pass	AV	5.1488G	47.86	54.00	-6.14	3	Vertical	334	2.02
5230MHz	Pass	AV	5.2248G	100.43	Inf	-Inf	3	Vertical	334	2.02
5230MHz	Pass	PK	5.1472G	60.52	74.00	-13.48	3	Vertical	334	2.02
5230MHz	Pass	PK	5.2216G	113.77	Inf	-Inf	3	Vertical	334	2.02
5230MHz	Pass	AV	5.1488G	46.84	54.00	-7.16	3	Horizontal	42	1.16
5230MHz	Pass	AV	5.2476G	97.13	Inf	-Inf	3	Horizontal	42	1.16
5230MHz	Pass	PK	5.1476G	60.21	74.00	-13.79	3	Horizontal	42	1.16
5230MHz	Pass	PK	5.2448G	110.39	Inf	-Inf	3	Horizontal	42	1.16
5230MHz	Pass	PK	10.43732G	54.50	68.20	-13.70	3	Vertical	29	1.00
5230MHz	Pass	PK	10.44176G	54.06	68.20	-14.14	3	Horizontal	61	1.53
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	51.73	54.00	-2.27	3	Vertical	334	2.05
5210MHz	Pass	AV	5.179G	96.07	Inf	-Inf	3	Vertical	334	2.05
5210MHz	Pass	AV	5.35G	47.68	54.00	-6.32	3	Vertical	334	2.05
5210MHz	Pass	PK	5.142G	66.66	74.00	-7.34	3	Vertical	334	2.05
5210MHz	Pass	PK	5.234G	108.96	Inf	-Inf	3	Vertical	334	2.05
5210MHz	Pass	PK	5.357G	60.12	74.00	-13.88	3	Vertical	334	2.05
5210MHz	Pass	AV	5.146G	49.07	54.00	-4.93	3	Horizontal	38	1.22
5210MHz	Pass	AV	5.24G	92.77	Inf	-Inf	3	Horizontal	38	1.22
5210MHz	Pass	AV	5.35G	46.93	54.00	-7.07	3	Horizontal	38	1.22
5210MHz	Pass	PK	5.141G	62.84	74.00	-11.16	3	Horizontal	38	1.22
5210MHz	Pass	PK	5.188G	106.76	Inf	-Inf	3	Horizontal	38	1.22
5210MHz	Pass	PK	5.35G	59.43	74.00	-14.57	3	Horizontal	38	1.22
5210MHz	Pass	PK	10.37152G	54.45	68.20	-13.75	3	Vertical	19	1.50
5210MHz	Pass	PK	10.38112G	54.16	68.20	-14.04	3	Horizontal	296	1.50

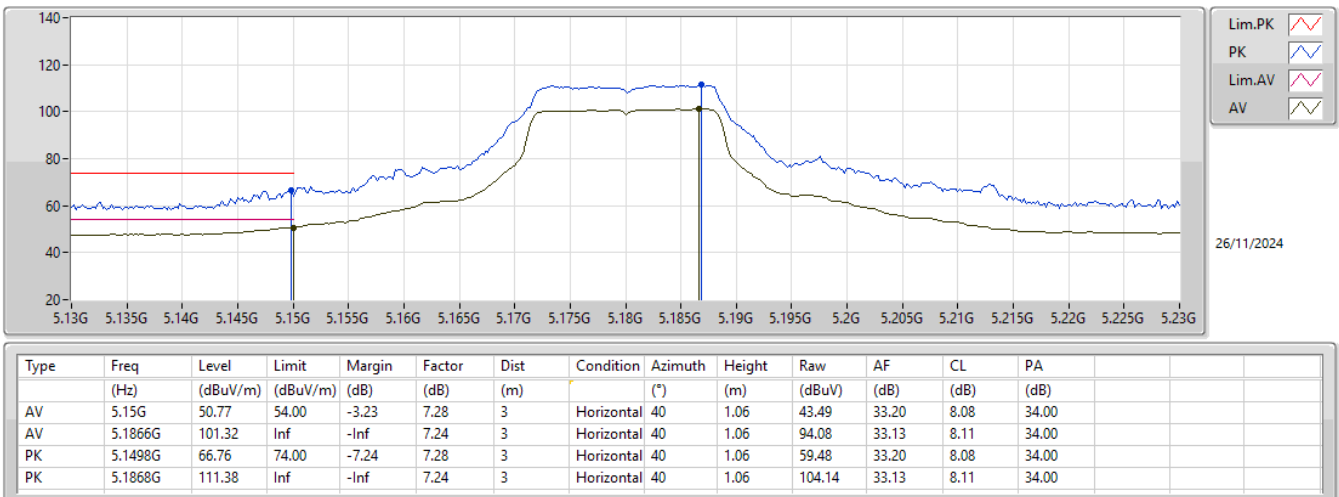
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



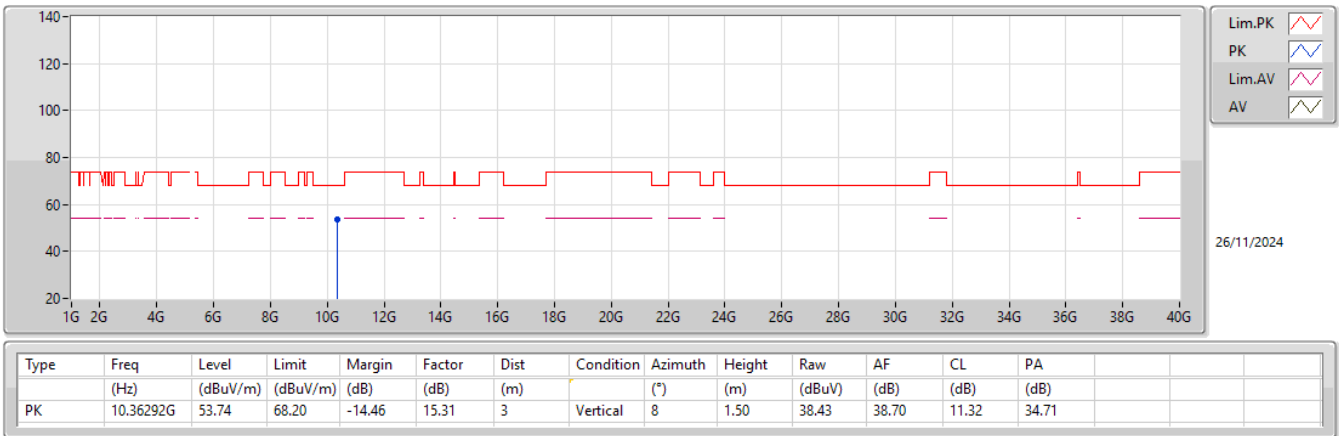
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



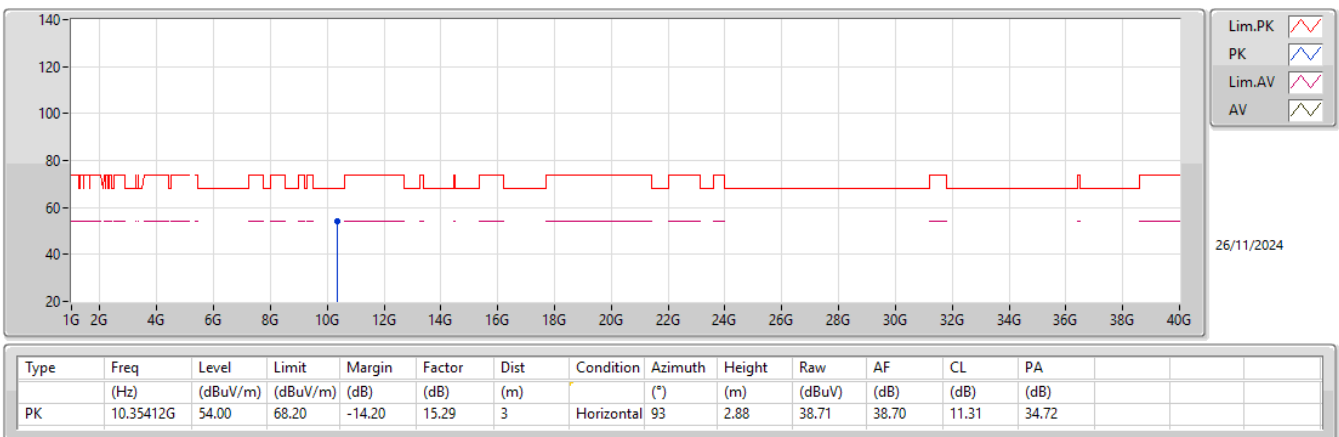
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



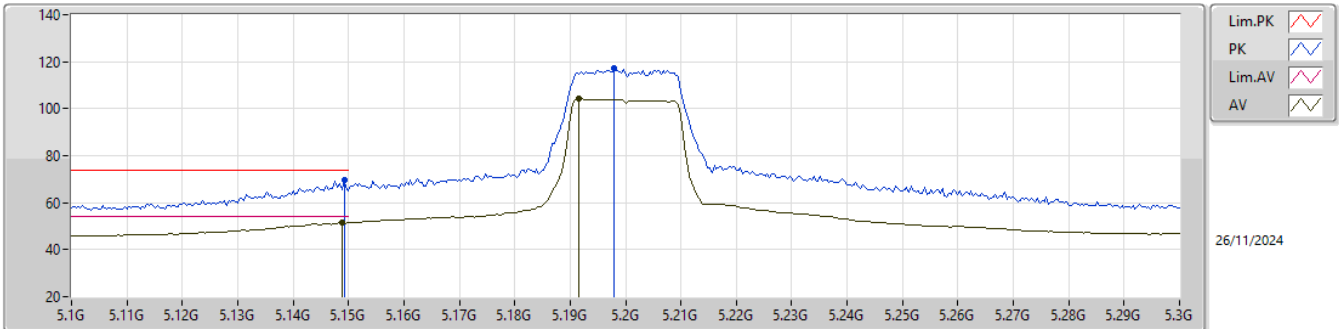
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

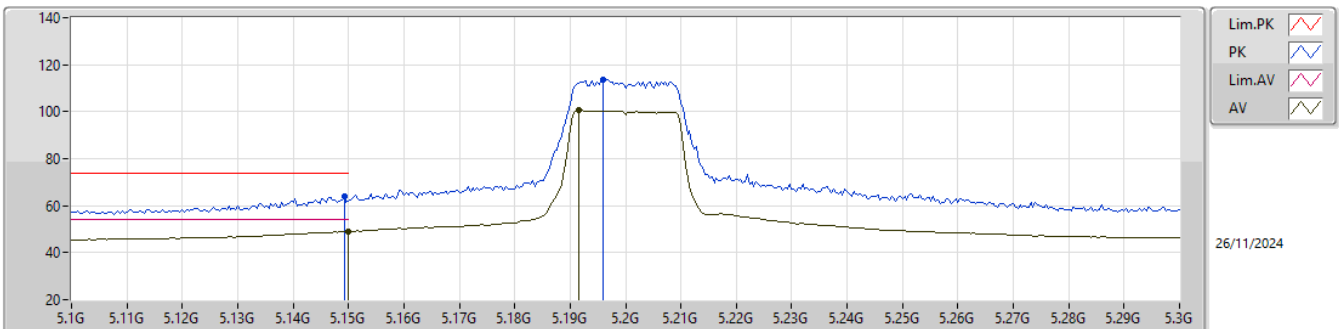
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1488G	51.44	54.00	-2.56	7.28	3	Vertical	339	1.80	44.16	33.20	8.08	34.00
AV	5.1916G	104.14	Inf	-Inf	7.23	3	Vertical	339	1.80	96.91	33.12	8.11	34.00
PK	5.1492G	69.50	74.00	-4.50	7.28	3	Vertical	339	1.80	62.22	33.20	8.08	34.00
PK	5.198G	117.07	Inf	-Inf	7.22	3	Vertical	339	1.80	109.85	33.10	8.12	34.00

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

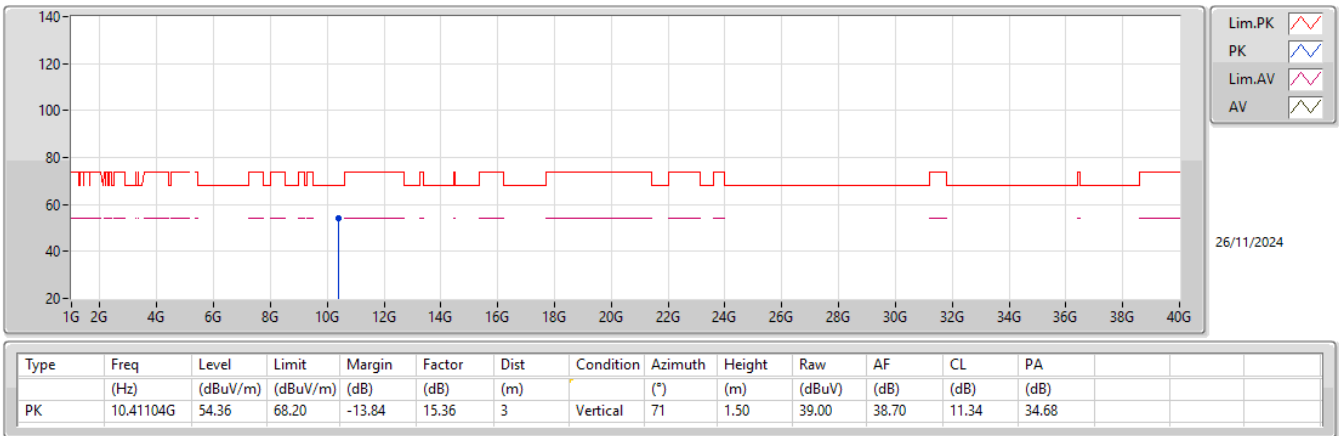
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	48.87	54.00	-5.13	7.28	3	Horizontal	30	1.19	41.59	33.20	8.08	34.00
AV	5.1916G	100.59	Inf	-Inf	7.23	3	Horizontal	30	1.19	93.36	33.12	8.11	34.00
PK	5.1492G	64.14	74.00	-9.86	7.28	3	Horizontal	30	1.19	56.86	33.20	8.08	34.00
PK	5.196G	113.53	Inf	-Inf	7.23	3	Horizontal	30	1.19	106.30	33.11	8.12	34.00

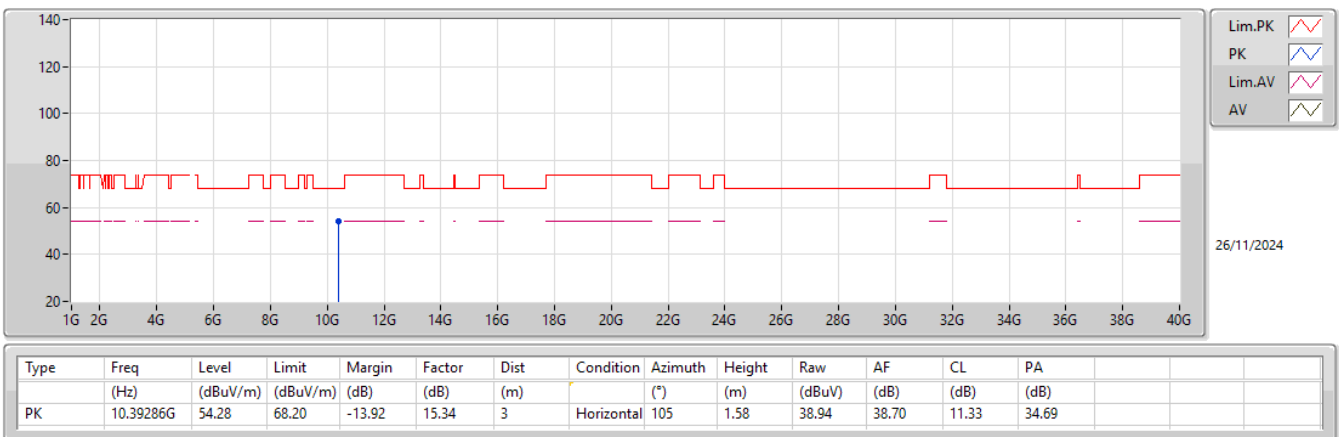
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5200MHz_TX



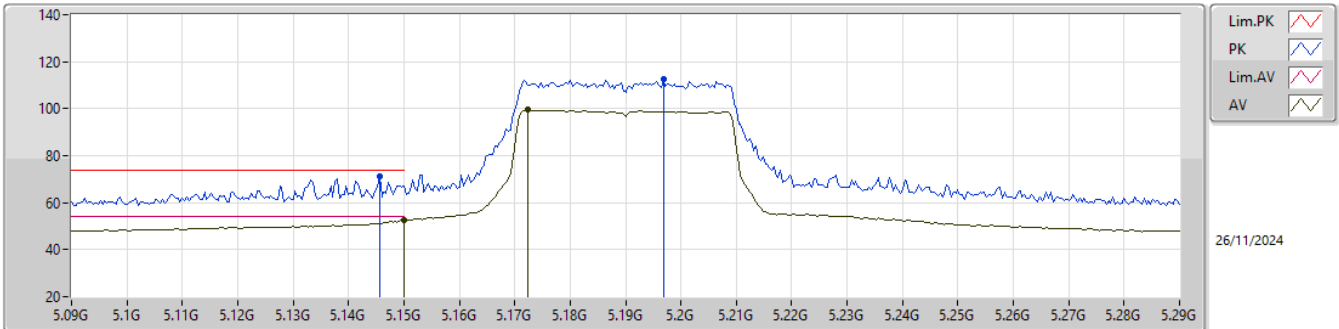
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5200MHz_TX



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

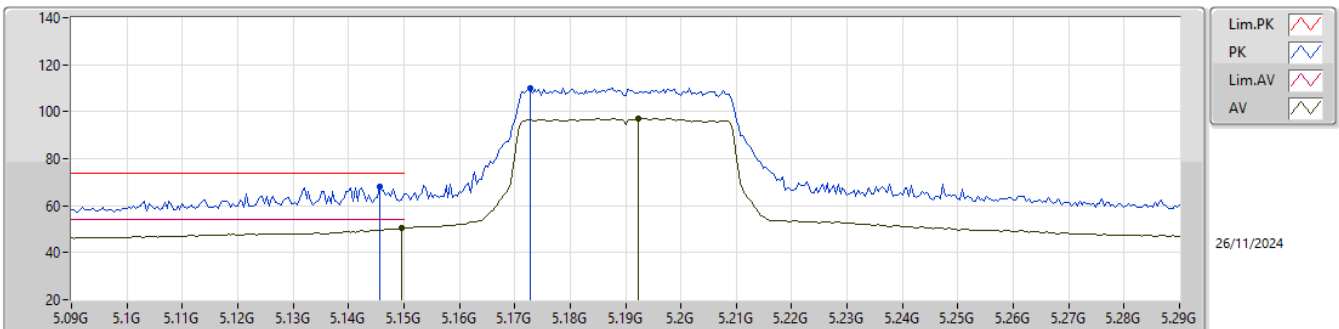
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)			(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.37	54.00	-1.63	7.28	3	Vertical	335	2.06	45.09	33.20	8.08	34.00
AV	5.1724G	99.53	Inf	-Inf	7.26	3	Vertical	335	2.06	92.27	33.16	8.10	34.00
PK	5.1456G	71.38	74.00	-2.62	7.26	3	Vertical	335	2.06	64.12	33.18	8.08	34.00
PK	5.1968G	112.36	Inf	-Inf	7.23	3	Vertical	335	2.06	105.13	33.11	8.12	34.00

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

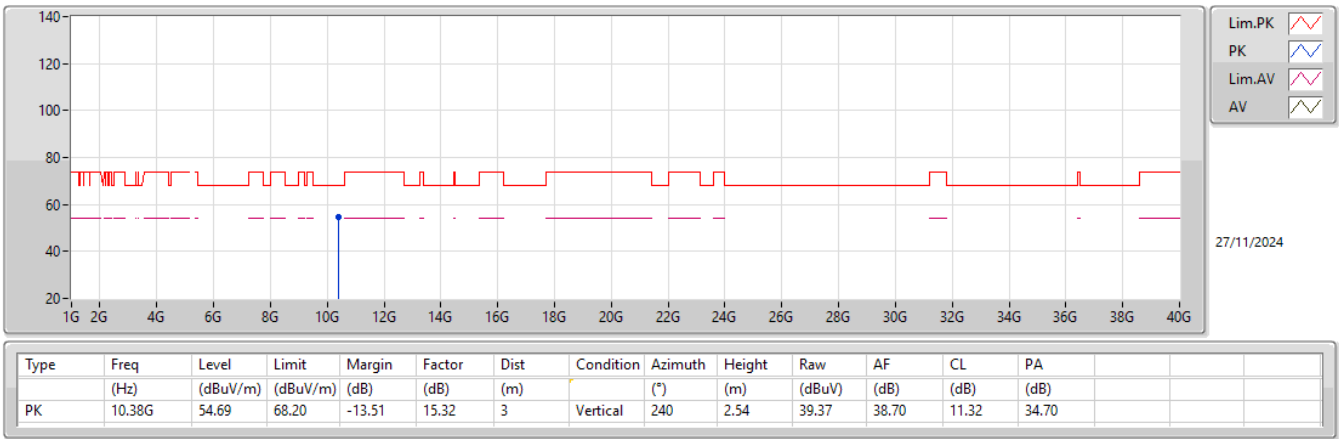
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)			(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	50.52	54.00	-3.48	7.28	3	Horizontal	44	1.06	43.24	33.20	8.08	34.00
AV	5.1924G	97.07	Inf	-Inf	7.23	3	Horizontal	44	1.06	89.84	33.12	8.11	34.00
PK	5.1456G	67.99	74.00	-6.01	7.26	3	Horizontal	44	1.06	60.73	33.18	8.08	34.00
PK	5.1728G	110.05	Inf	-Inf	7.25	3	Horizontal	44	1.06	102.80	33.15	8.10	34.00

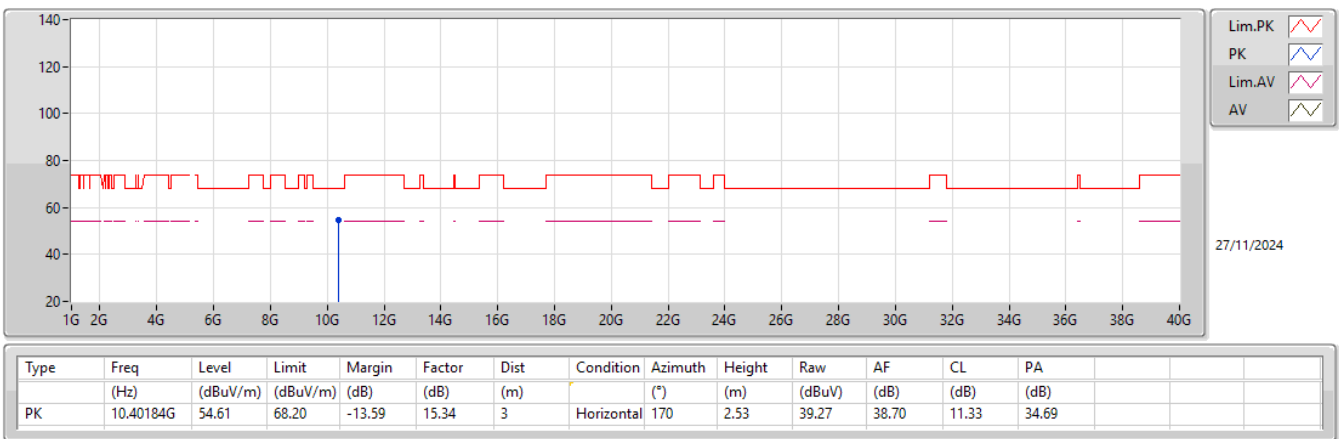
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5190MHz_TX



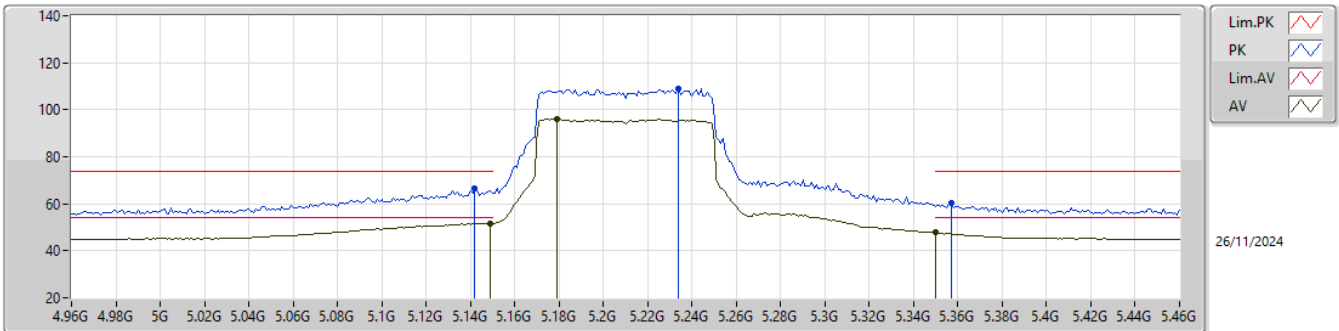
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5190MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

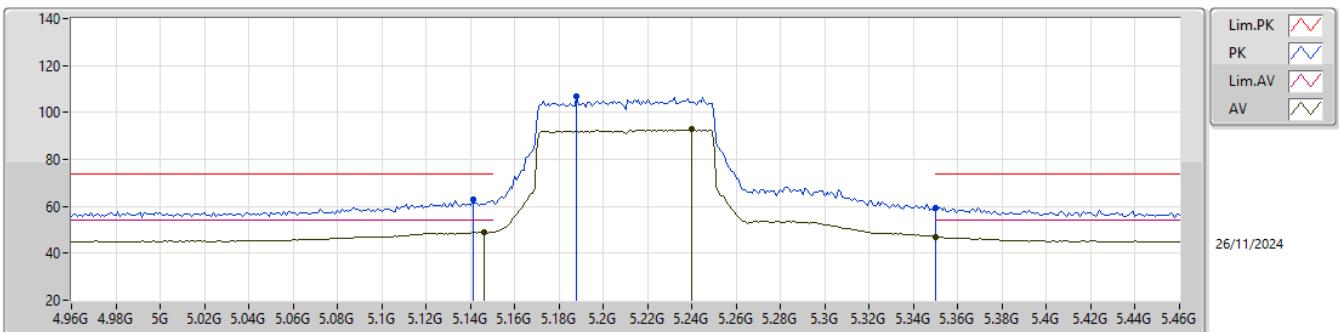
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.149G	51.73	54.00	-2.27	7.28	3	Vertical	334	2.05	44.45	33.20	8.08	34.00
AV	5.179G	96.07	Inf	-Inf	7.25	3	Vertical	334	2.05	88.82	33.14	8.11	34.00
AV	5.35G	47.68	54.00	-6.32	7.12	3	Vertical	334	2.05	40.56	32.90	8.21	33.99
PK	5.142G	66.66	74.00	-7.34	7.25	3	Vertical	334	2.05	59.41	33.17	8.08	34.00
PK	5.234G	108.96	Inf	-Inf	7.17	3	Vertical	334	2.05	101.79	33.03	8.14	34.00
PK	5.357G	60.12	74.00	-13.88	7.11	3	Vertical	334	2.05	53.01	32.89	8.21	33.99

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

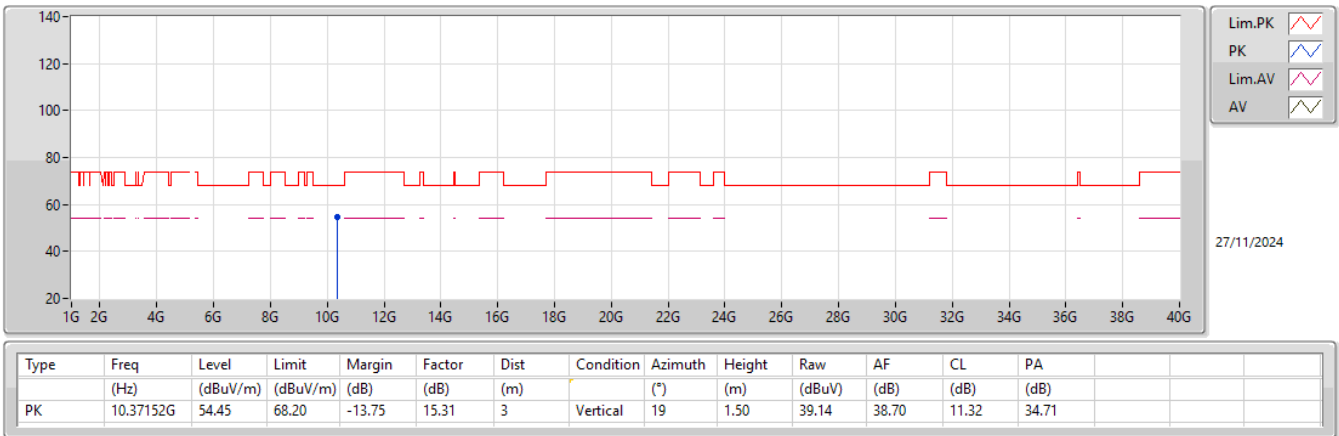
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	49.07	54.00	-4.93	7.26	3	Horizontal	38	1.22	41.81	33.18	8.08	34.00
AV	5.24G	92.77	Inf	-Inf	7.16	3	Horizontal	38	1.22	85.61	33.02	8.14	34.00
AV	5.35G	46.93	54.00	-7.07	7.12	3	Horizontal	38	1.22	39.81	32.90	8.21	33.99
PK	5.141G	62.84	74.00	-11.16	7.24	3	Horizontal	38	1.22	55.60	33.16	8.08	34.00
PK	5.188G	106.76	Inf	-Inf	7.23	3	Horizontal	38	1.22	99.53	33.12	8.11	34.00
PK	5.35G	59.43	74.00	-14.57	7.12	3	Horizontal	38	1.22	52.31	32.90	8.21	33.99

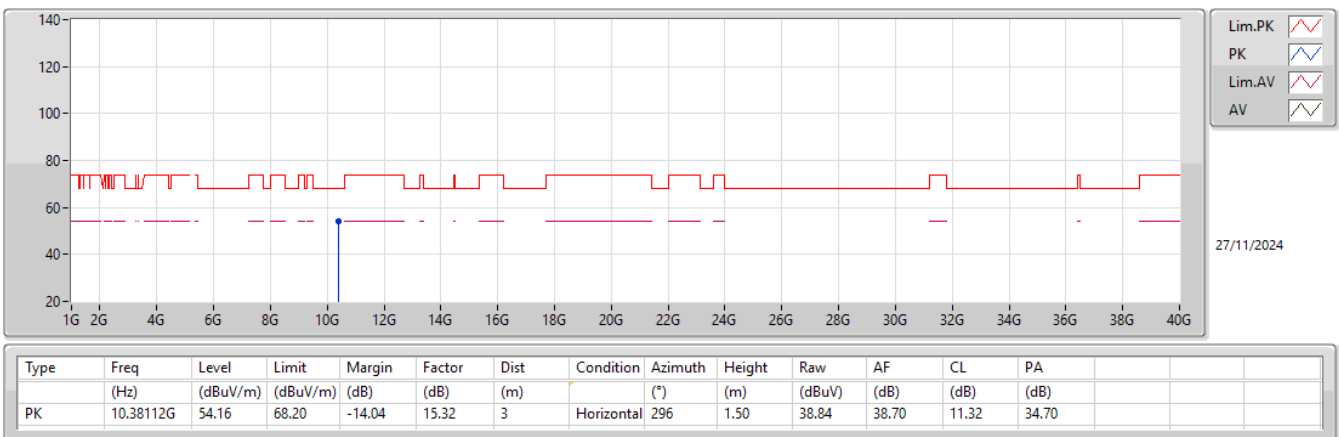
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5210MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	30M	33.31	40.00	-6.69	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.3

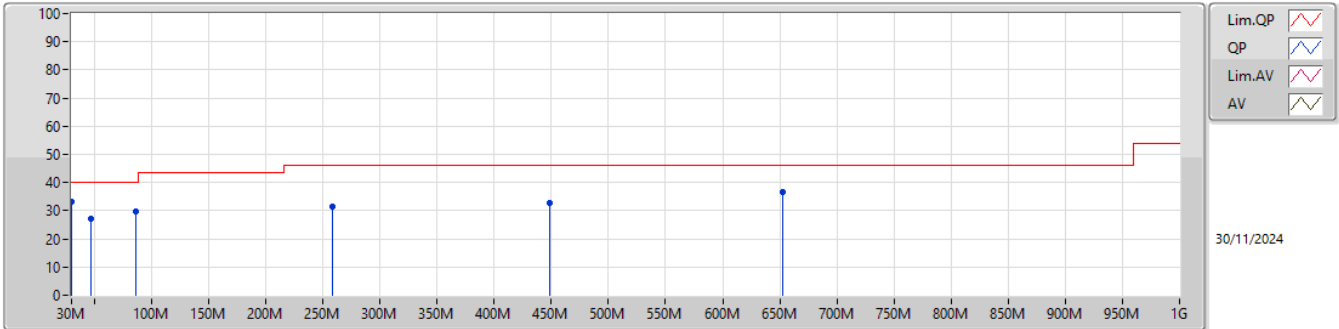
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	30M	33.31	40.00	-6.69	3	Vertical	360	1.00
5210MHz	Pass	PK	47.46M	27.37	40.00	-12.63	3	Vertical	360	1.00
5210MHz	Pass	PK	86.26M	29.82	40.00	-10.18	3	Vertical	360	1.00
5210MHz	Pass	PK	258.92M	31.60	46.00	-14.40	3	Vertical	360	1.00
5210MHz	Pass	PK	449.04M	32.95	46.00	-13.05	3	Vertical	360	1.00
5210MHz	Pass	PK	652.74M	36.45	46.00	-9.55	3	Vertical	360	1.00
5210MHz	Pass	PK	30M	25.85	40.00	-14.15	3	Horizontal	0	1.00
5210MHz	Pass	PK	161.92M	29.77	43.50	-13.73	3	Horizontal	0	1.00
5210MHz	Pass	PK	216M	29.24	46.00	-16.76	3	Horizontal	0	1.00
5210MHz	Pass	PK	276.38M	34.82	46.00	-11.18	3	Horizontal	0	1.00
5210MHz	Pass	PK	315.18M	33.42	46.00	-12.58	3	Horizontal	0	1.00
5210MHz	Pass	PK	633.34M	34.00	46.00	-12.00	3	Horizontal	0	1.00



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

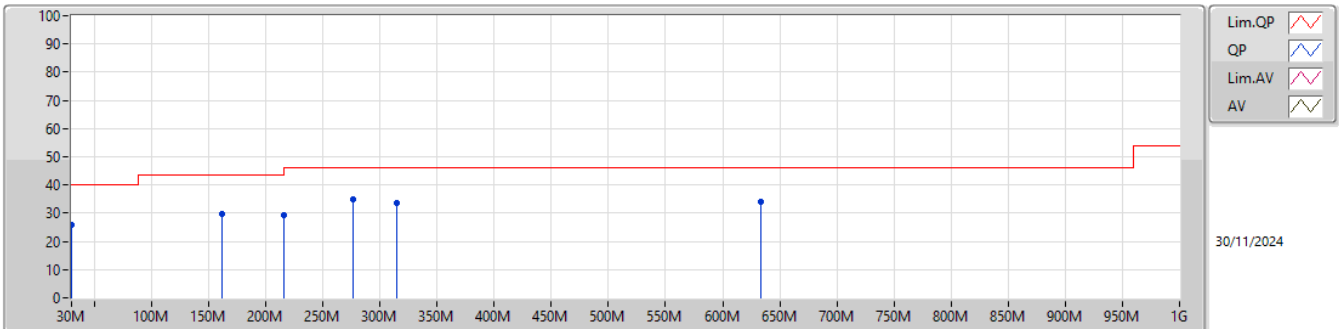
5210MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	33.31	40.00	-6.69	-3.00	3	Vertical	360	1.00	36.31	24.27	0.24	27.51				
PK	47.46M	27.37	40.00	-12.63	-11.77	3	Vertical	360	1.00	39.14	15.19	0.40	27.36				
PK	86.26M	29.82	40.00	-10.18	-12.13	3	Vertical	360	1.00	41.95	14.35	0.85	27.33				
PK	258.92M	31.60	46.00	-14.40	-4.93	3	Vertical	360	1.00	36.53	19.63	2.17	26.73				
PK	449.04M	32.95	46.00	-13.05	-2.01	3	Vertical	360	1.00	34.96	22.93	2.90	27.84				
PK	652.74M	36.45	46.00	-9.55	0.68	3	Vertical	360	1.00	35.77	25.10	3.79	28.21				

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5210MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	25.85	40.00	-14.15	-3.00	3	Horizontal	0	1.00	28.85	24.27	0.24	27.51				
PK	161.92M	29.77	43.50	-13.73	-9.49	3	Horizontal	0	1.00	39.26	15.87	1.74	27.10				
PK	216M	29.24	46.00	-16.76	-9.85	3	Horizontal	0	1.00	39.09	14.96	2.07	26.88				
PK	276.38M	34.82	46.00	-11.18	-5.57	3	Horizontal	0	1.00	40.39	18.95	2.20	26.72				
PK	315.18M	33.42	46.00	-12.58	-4.79	3	Horizontal	0	1.00	38.21	19.70	2.32	26.81				
PK	633.34M	34.00	46.00	-12.00	0.53	3	Horizontal	0	1.00	33.47	25.04	3.71	28.22				



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	Pass	AV	5.15G	52.90	54.00	-1.10	3	Vertical	329	2.08



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

Result

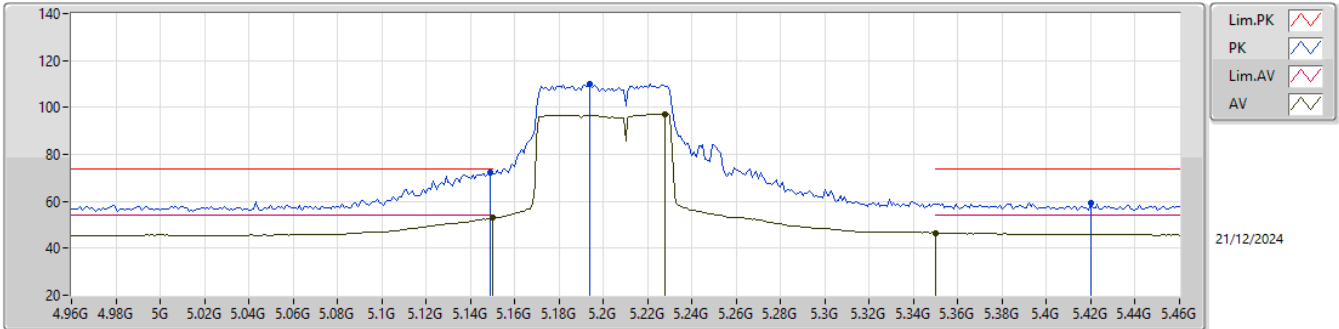
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	52.90	54.00	-1.10	3	Vertical	329	2.08
5210MHz	Pass	AV	5.228G	97.32	Inf	-Inf	3	Vertical	329	2.08
5210MHz	Pass	AV	5.35G	46.52	54.00	-7.48	3	Vertical	329	2.08
5210MHz	Pass	PK	5.149G	72.36	74.00	-1.64	3	Vertical	329	2.08
5210MHz	Pass	PK	5.194G	110.12	Inf	-Inf	3	Vertical	329	2.08
5210MHz	Pass	PK	5.42G	59.40	74.00	-14.60	3	Vertical	329	2.08
5210MHz	Pass	AV	5.15G	50.61	54.00	-3.39	3	Horizontal	39	1.05
5210MHz	Pass	AV	5.222G	94.25	Inf	-Inf	3	Horizontal	39	1.05
5210MHz	Pass	AV	5.351G	46.28	54.00	-7.72	3	Horizontal	39	1.05
5210MHz	Pass	PK	5.148G	69.33	74.00	-4.67	3	Horizontal	39	1.05
5210MHz	Pass	PK	5.227G	106.83	Inf	-Inf	3	Horizontal	39	1.05
5210MHz	Pass	PK	5.398G	59.52	74.00	-14.48	3	Horizontal	39	1.05
5210MHz	Pass	PK	10.37944G	54.90	68.20	-13.30	3	Vertical	56	1.50
5210MHz	Pass	PK	10.36984G	54.69	68.20	-13.51	3	Horizontal	327	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX

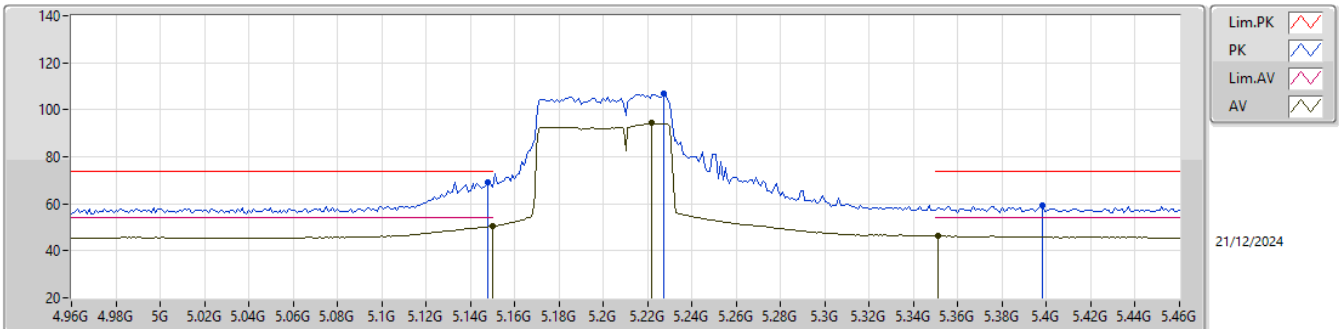
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	52.90	54.00	-1.10	7.28	3	Vertical	329	2.08	45.62	33.20	8.08	34.00
AV	5.228G	97.32	Inf	-Inf	7.18	3	Vertical	329	2.08	90.14	33.04	8.14	34.00
AV	5.35G	46.52	54.00	-7.48	7.12	3	Vertical	329	2.08	39.40	32.90	8.21	33.99
PK	5.149G	72.36	74.00	-1.64	7.28	3	Vertical	329	2.08	65.08	33.20	8.08	34.00
PK	5.194G	110.12	Inf	-Inf	7.23	3	Vertical	329	2.08	102.89	33.11	8.12	34.00
PK	5.42G	59.40	74.00	-14.60	7.07	3	Vertical	329	2.08	52.33	32.80	8.25	33.98

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX

5210MHz_TX



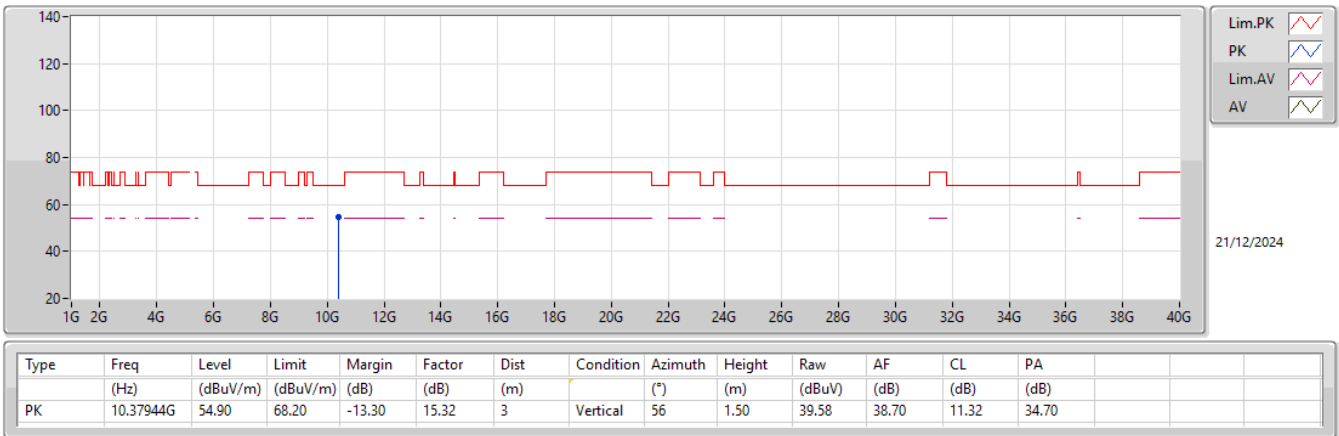
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	50.61	54.00	-3.39	7.28	3	Horizontal	39	1.05	43.33	33.20	8.08	34.00
AV	5.222G	94.25	Inf	-Inf	7.19	3	Horizontal	39	1.05	87.06	33.06	8.13	34.00
AV	5.351G	46.28	54.00	-7.72	7.12	3	Horizontal	39	1.05	39.16	32.90	8.21	33.99
PK	5.148G	69.33	74.00	-4.67	7.27	3	Horizontal	39	1.05	62.06	33.19	8.08	34.00
PK	5.227G	106.83	Inf	-Inf	7.19	3	Horizontal	39	1.05	99.64	33.05	8.14	34.00
PK	5.398G	59.52	74.00	-14.48	7.05	3	Horizontal	39	1.05	52.47	32.80	8.24	33.99



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

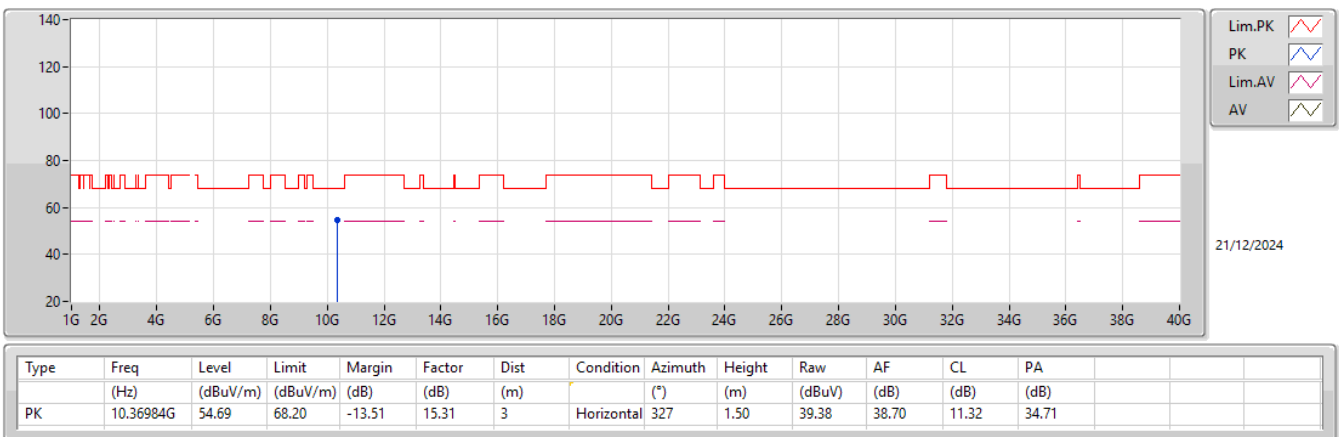
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX

5210MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.5

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	33.15	40.00	-6.85	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.5

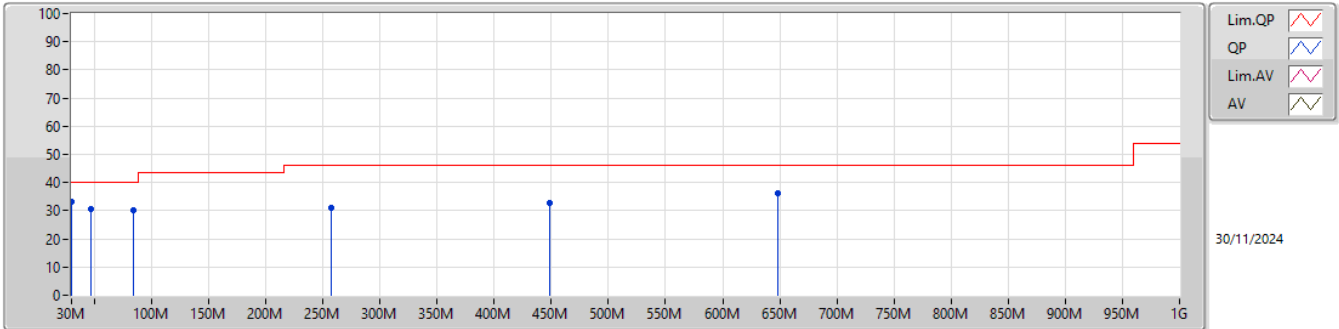
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	30M	33.15	40.00	-6.85	3	Vertical	360	1.00
5210MHz	Pass	PK	47.46M	30.80	40.00	-9.20	3	Vertical	360	1.00
5210MHz	Pass	PK	84.32M	30.04	40.00	-9.96	3	Vertical	360	1.00
5210MHz	Pass	PK	256.98M	31.21	46.00	-14.79	3	Vertical	360	1.00
5210MHz	Pass	PK	449.04M	32.58	46.00	-13.42	3	Vertical	360	1.00
5210MHz	Pass	PK	648.86M	36.17	46.00	-9.83	3	Vertical	360	1.00
5210MHz	Pass	PK	30M	25.56	40.00	-14.44	3	Horizontal	0	1.00
5210MHz	Pass	PK	167.74M	29.24	43.50	-14.26	3	Horizontal	0	1.00
5210MHz	Pass	PK	216M	28.60	46.00	-17.40	3	Horizontal	0	1.00
5210MHz	Pass	PK	258.92M	35.00	46.00	-11.00	3	Horizontal	0	1.00
5210MHz	Pass	PK	313.24M	34.01	46.00	-11.99	3	Horizontal	0	1.00
5210MHz	Pass	PK	633.34M	34.00	46.00	-12.00	3	Horizontal	0	1.00



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

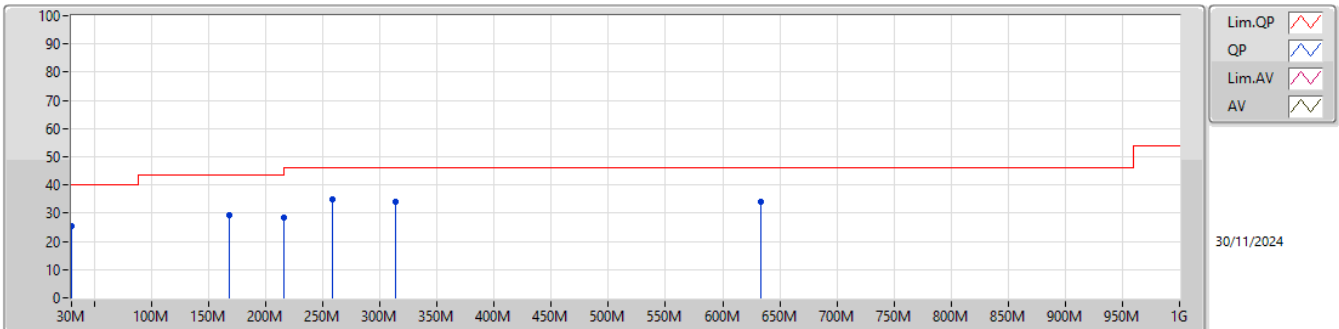
5210MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	33.15	40.00	-6.85	-3.00	3	Vertical	360	1.00	36.15	24.27	0.24	27.51				
PK	47.46M	30.80	40.00	-9.20	-11.77	3	Vertical	360	1.00	42.57	15.19	0.40	27.36				
PK	84.32M	30.04	40.00	-9.96	-12.66	3	Vertical	360	1.00	42.70	13.85	0.82	27.33				
PK	256.98M	31.21	46.00	-14.79	-5.12	3	Vertical	360	1.00	36.33	19.44	2.17	26.73				
PK	449.04M	32.58	46.00	-13.42	-2.01	3	Vertical	360	1.00	34.59	22.93	2.90	27.84				
PK	648.86M	36.17	46.00	-9.83	0.67	3	Vertical	360	1.00	35.50	25.10	3.78	28.21				

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	25.56	40.00	-14.44	-3.00	3	Horizontal	0	1.00	28.56	24.27	0.24	27.51				
PK	167.74M	29.24	43.50	-14.26	-9.40	3	Horizontal	0	1.00	38.64	15.88	1.80	27.08				
PK	216M	28.60	46.00	-17.40	-9.85	3	Horizontal	0	1.00	38.45	14.96	2.07	26.88				
PK	258.92M	35.00	46.00	-11.00	-4.93	3	Horizontal	0	1.00	39.93	19.63	2.17	26.73				
PK	313.24M	34.01	46.00	-11.99	-4.79	3	Horizontal	0	1.00	38.80	19.70	2.31	26.80				
PK	633.34M	34.00	46.00	-12.00	0.53	3	Horizontal	0	1.00	33.47	25.04	3.71	28.22				



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1488G	53.03	54.00	-0.97	3	Vertical	43	2.14
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.78	54.00	-0.22	3	Vertical	40	2.15
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	5.1468G	52.44	54.00	-1.56	3	Vertical	41	2.15
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.38	54.00	-0.62	3	Vertical	40	2.24



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.6

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1484G	50.80	54.00	-3.20	3	Vertical	43	2.17
5180MHz	Pass	AV	5.1842G	108.82	Inf	-Inf	3	Vertical	43	2.17
5180MHz	Pass	PK	5.1444G	65.83	74.00	-8.17	3	Vertical	43	2.17
5180MHz	Pass	PK	5.1738G	118.95	Inf	-Inf	3	Vertical	43	2.17
5180MHz	Pass	PK	10.37182G	54.93	68.20	-13.27	3	Vertical	50	1.93
5180MHz	Pass	PK	10.35586G	54.90	68.20	-13.30	3	Horizontal	176	1.50
5200MHz	Pass	AV	5.1488G	53.03	54.00	-0.97	3	Vertical	43	2.14
5200MHz	Pass	AV	5.1944G	110.87	Inf	-Inf	3	Vertical	43	2.14
5200MHz	Pass	PK	5.1496G	67.53	74.00	-6.47	3	Vertical	43	2.14
5200MHz	Pass	PK	5.1944G	120.95	Inf	-Inf	3	Vertical	43	2.14
5200MHz	Pass	PK	10.39046G	54.61	68.20	-13.59	3	Vertical	61	1.50
5200MHz	Pass	PK	10.40114G	55.06	68.20	-13.14	3	Horizontal	115	1.50
5240MHz	Pass	AV	5.1476G	47.52	54.00	-6.48	3	Vertical	43	2.12
5240MHz	Pass	AV	5.2346G	110.48	Inf	-Inf	3	Vertical	43	2.12
5240MHz	Pass	AV	5.3612G	47.23	54.00	-6.77	3	Vertical	43	2.12
5240MHz	Pass	PK	5.1446G	60.40	74.00	-13.60	3	Vertical	43	2.12
5240MHz	Pass	PK	5.2448G	120.56	Inf	-Inf	3	Vertical	43	2.12
5240MHz	Pass	PK	5.3612G	59.98	74.00	-14.02	3	Vertical	43	2.12
5240MHz	Pass	PK	10.4863G	54.64	68.20	-13.56	3	Vertical	85	2.78
5240MHz	Pass	PK	10.47484G	55.24	68.20	-12.96	3	Horizontal	279	1.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	51.19	54.00	-2.81	3	Vertical	46	2.27
5180MHz	Pass	AV	5.1772G	108.11	Inf	-Inf	3	Vertical	46	2.27
5180MHz	Pass	PK	5.1476G	66.80	74.00	-7.20	3	Vertical	46	2.27
5180MHz	Pass	PK	5.1774G	121.82	Inf	-Inf	3	Vertical	46	2.27
5180MHz	Pass	PK	10.3576G	55.04	68.20	-13.16	3	Vertical	36	1.92
5180MHz	Pass	PK	10.36906G	54.46	68.20	-13.74	3	Horizontal	121	3.00
5200MHz	Pass	AV	5.15G	53.78	54.00	-0.22	3	Vertical	40	2.15
5200MHz	Pass	AV	5.1968G	110.34	Inf	-Inf	3	Vertical	40	2.15
5200MHz	Pass	PK	5.15G	69.66	74.00	-4.34	3	Vertical	40	2.15
5200MHz	Pass	PK	5.196G	123.31	Inf	-Inf	3	Vertical	40	2.15
5200MHz	Pass	PK	10.39916G	53.85	68.20	-14.35	3	Vertical	305	1.97
5200MHz	Pass	PK	10.38836G	54.12	68.20	-14.08	3	Horizontal	47	1.50
5240MHz	Pass	AV	5.15G	47.57	54.00	-6.43	3	Vertical	49	2.13
5240MHz	Pass	AV	5.2376G	110.21	Inf	-Inf	3	Vertical	49	2.13
5240MHz	Pass	AV	5.357G	47.22	54.00	-6.78	3	Vertical	49	2.13
5240MHz	Pass	PK	5.144G	61.60	74.00	-12.40	3	Vertical	49	2.13
5240MHz	Pass	PK	5.237G	123.92	Inf	-Inf	3	Vertical	49	2.13
5240MHz	Pass	PK	5.35G	59.71	74.00	-14.29	3	Vertical	49	2.13
5240MHz	Pass	PK	10.48786G	53.75	68.20	-14.45	3	Vertical	37	1.50
5240MHz	Pass	PK	10.49332G	54.49	68.20	-13.71	3	Horizontal	311	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1468G	51.92	54.00	-2.08	3	Vertical	46	2.15
5190MHz	Pass	AV	5.1876G	104.50	Inf	-Inf	3	Vertical	46	2.15
5190MHz	Pass	PK	5.148G	68.72	74.00	-5.28	3	Vertical	46	2.15
5190MHz	Pass	PK	5.1876G	118.31	Inf	-Inf	3	Vertical	46	2.15
5190MHz	Pass	PK	10.40976G	54.36	68.20	-13.84	3	Vertical	133	1.50
5190MHz	Pass	PK	10.36452G	54.91	68.20	-13.29	3	Horizontal	258	1.50
5230MHz	Pass	AV	5.1468G	52.44	54.00	-1.56	3	Vertical	41	2.15
5230MHz	Pass	AV	5.228G	106.78	Inf	-Inf	3	Vertical	41	2.15
5230MHz	Pass	PK	5.144G	69.46	74.00	-4.54	3	Vertical	41	2.15
5230MHz	Pass	PK	5.2256G	120.35	Inf	-Inf	3	Vertical	41	2.15
5230MHz	Pass	PK	10.45004G	54.08	68.20	-14.12	3	Vertical	306	2.22
5230MHz	Pass	PK	10.48508G	53.97	68.20	-14.23	3	Horizontal	57	2.89
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.38	54.00	-0.62	3	Vertical	40	2.24
5210MHz	Pass	AV	5.187G	101.74	Inf	-Inf	3	Vertical	40	2.24
5210MHz	Pass	AV	5.35G	47.14	54.00	-6.86	3	Vertical	40	2.24
5210MHz	Pass	PK	5.145G	67.11	74.00	-6.89	3	Vertical	40	2.24
5210MHz	Pass	PK	5.228G	114.46	Inf	-Inf	3	Vertical	40	2.24



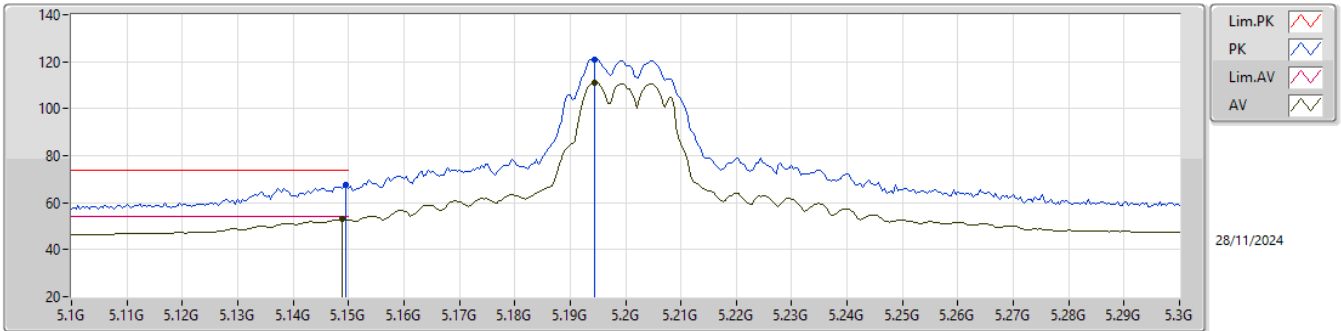
RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5210MHz	Pass	PK	5.352G	59.45	74.00	-14.55	3	Vertical	40	2.24
5210MHz	Pass	PK	10.41862G	54.25	68.20	-13.95	3	Vertical	356	1.00
5210MHz	Pass	PK	10.41846G	54.30	68.20	-13.90	3	Horizontal	125	1.50



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

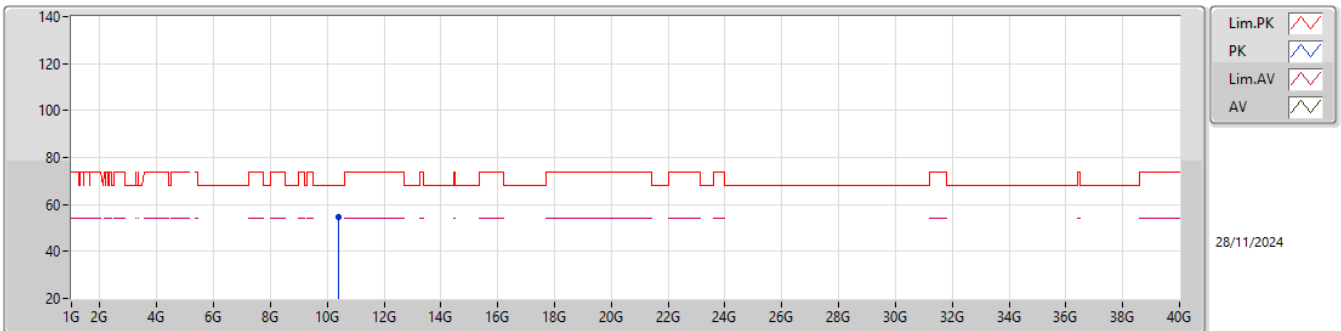
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.1488G	53.03	54.00	-0.97	7.28	3	Vertical	43	2.14	45.75	33.20	8.08	34.00				
AV	5.1944G	110.87	Inf	-Inf	7.23	3	Vertical	43	2.14	103.64	33.11	8.12	34.00				
PK	5.1496G	67.53	74.00	-6.47	7.28	3	Vertical	43	2.14	60.25	33.20	8.08	34.00				
PK	5.1944G	120.95	Inf	-Inf	7.23	3	Vertical	43	2.14	113.72	33.11	8.12	34.00				

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

5200MHz_TX

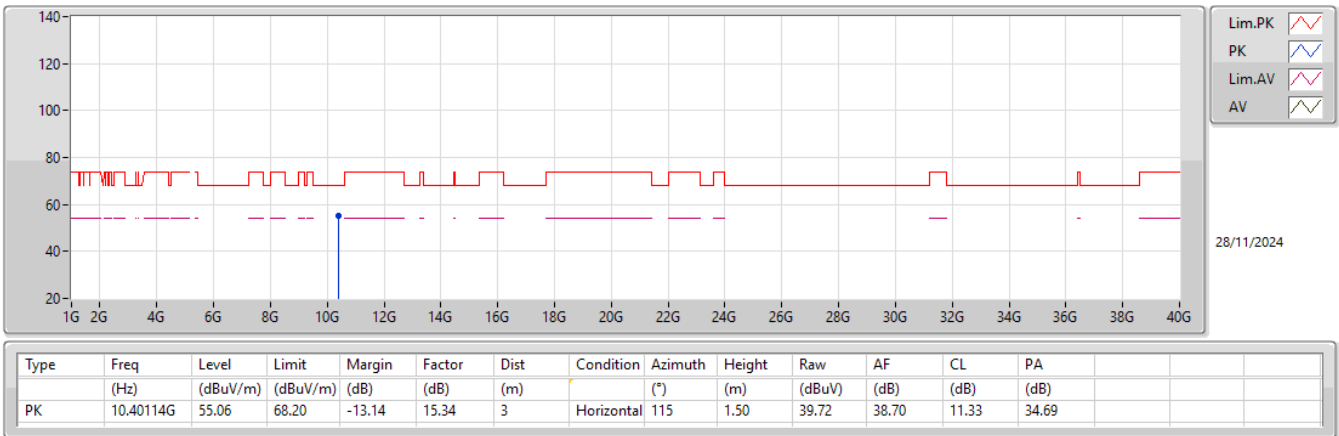


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	10.39046G	54.61	68.20	-13.59	15.33	3	Vertical	61	1.50	39.28	38.70	11.33	34.70				



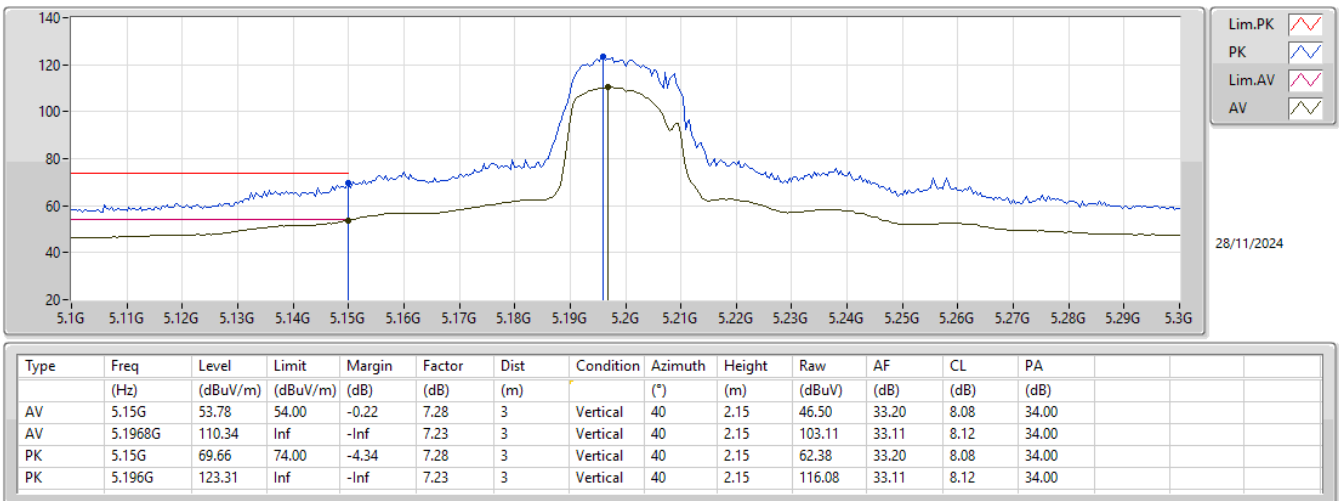
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

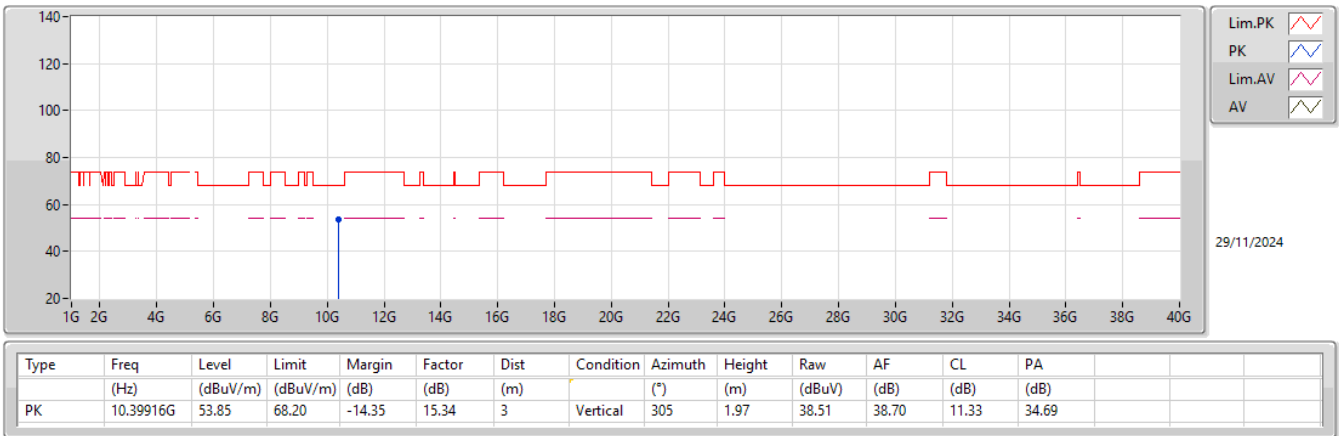
5200MHz_TX





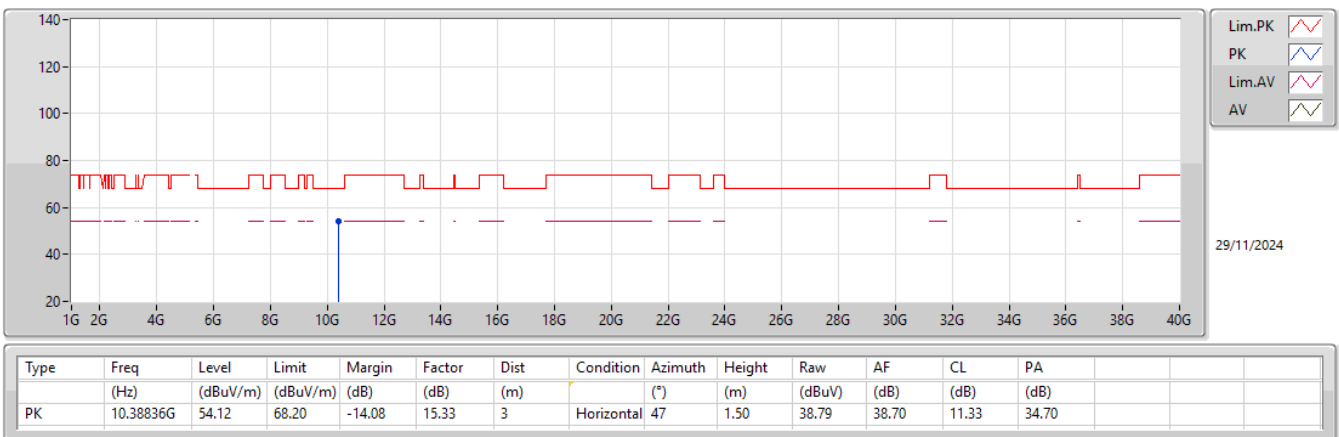
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5200MHz_TX



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

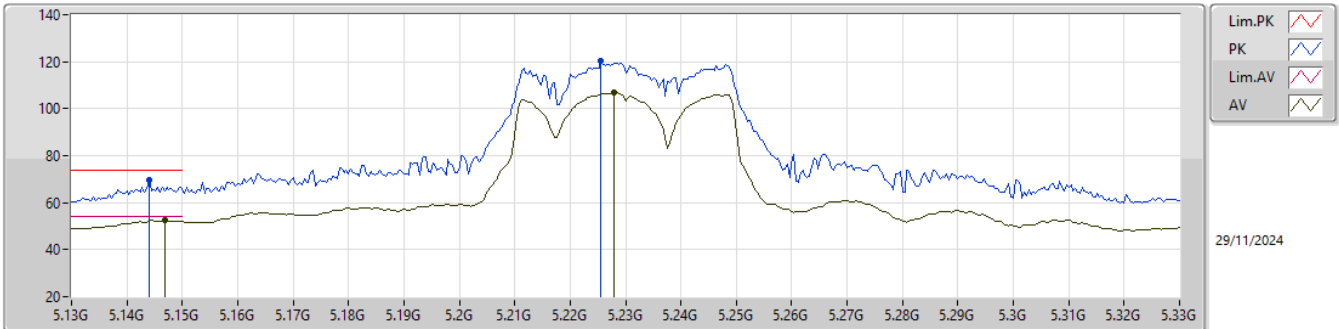
5200MHz_TX





5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

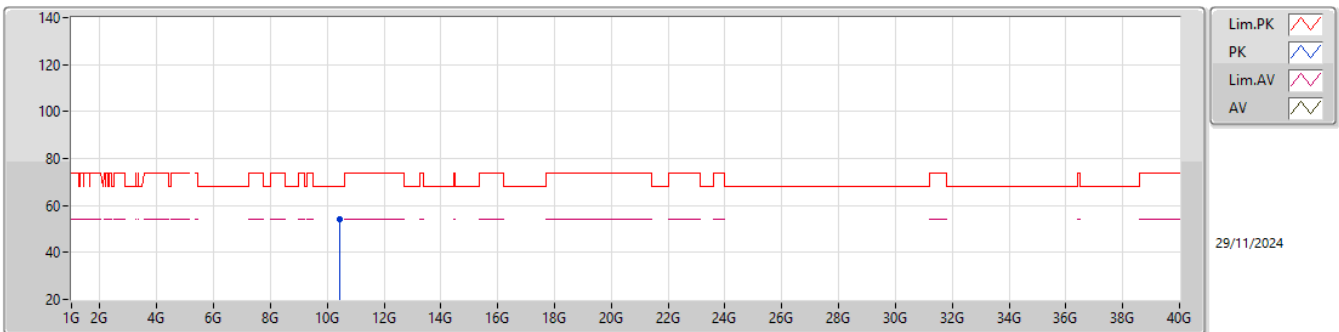
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1468G	52.44	54.00	-1.56	7.27	3	Vertical	41	2.15	45.17	33.19	8.08	34.00
AV	5.228G	106.78	Inf	-Inf	7.18	3	Vertical	41	2.15	99.60	33.04	8.14	34.00
PK	5.144G	69.46	74.00	-4.54	7.26	3	Vertical	41	2.15	62.20	33.18	8.08	34.00
PK	5.2256G	120.35	Inf	-Inf	7.19	3	Vertical	41	2.15	113.16	33.05	8.14	34.00

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5230MHz_TX

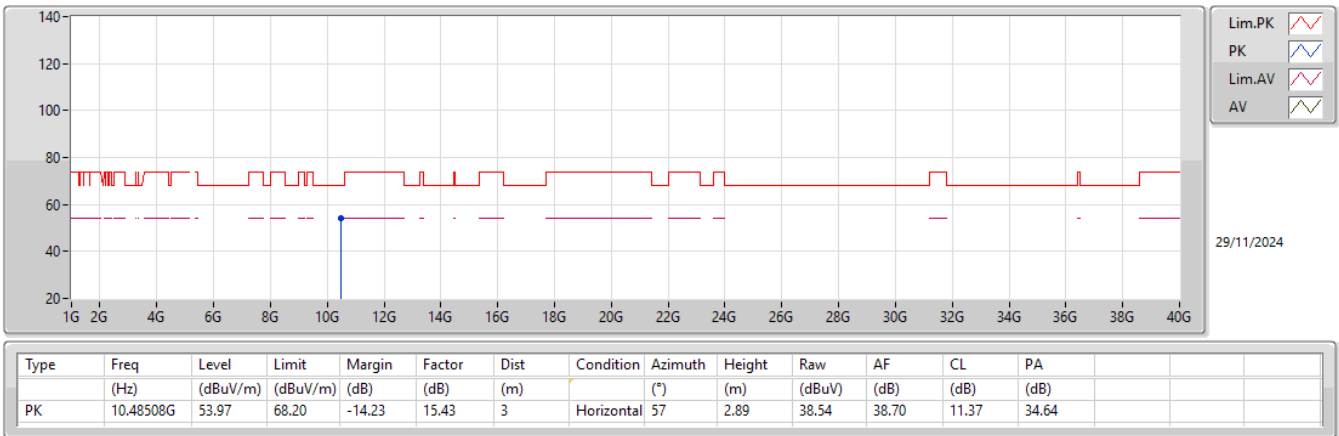


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.45004G	54.08	68.20	-14.12	15.39	3	Vertical	306	2.22	38.69	38.70	11.35	34.66



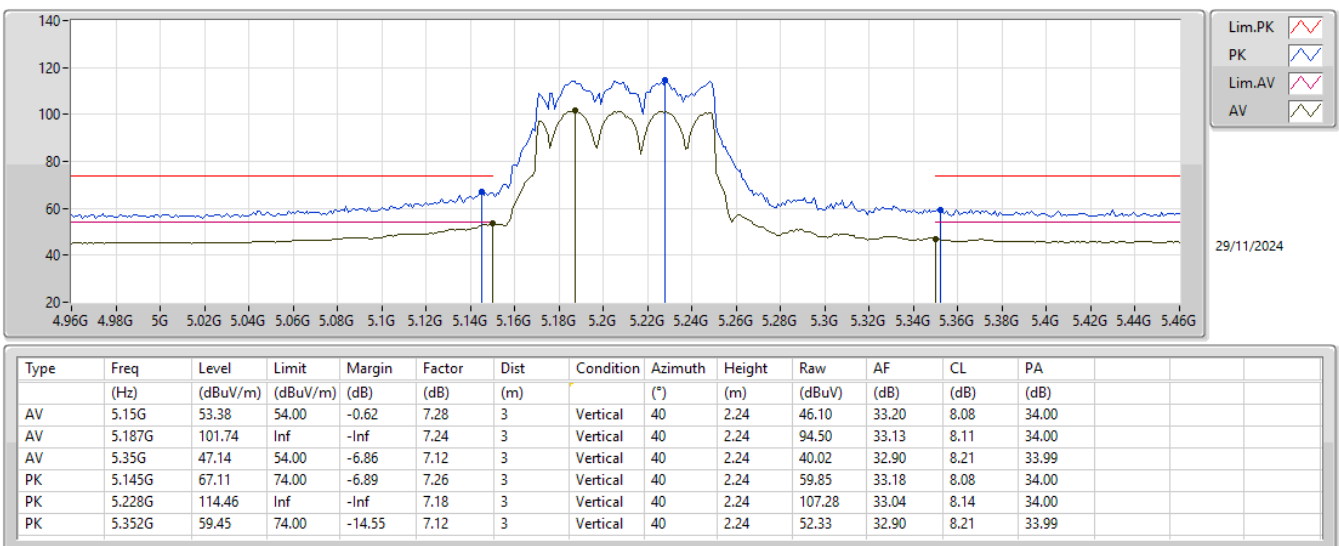
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5230MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

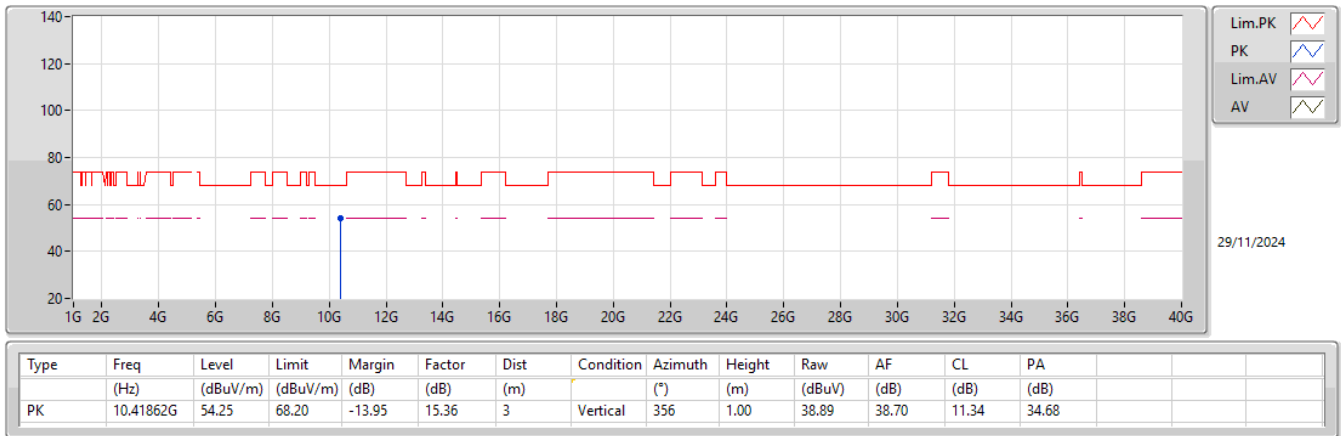
5210MHz_TX





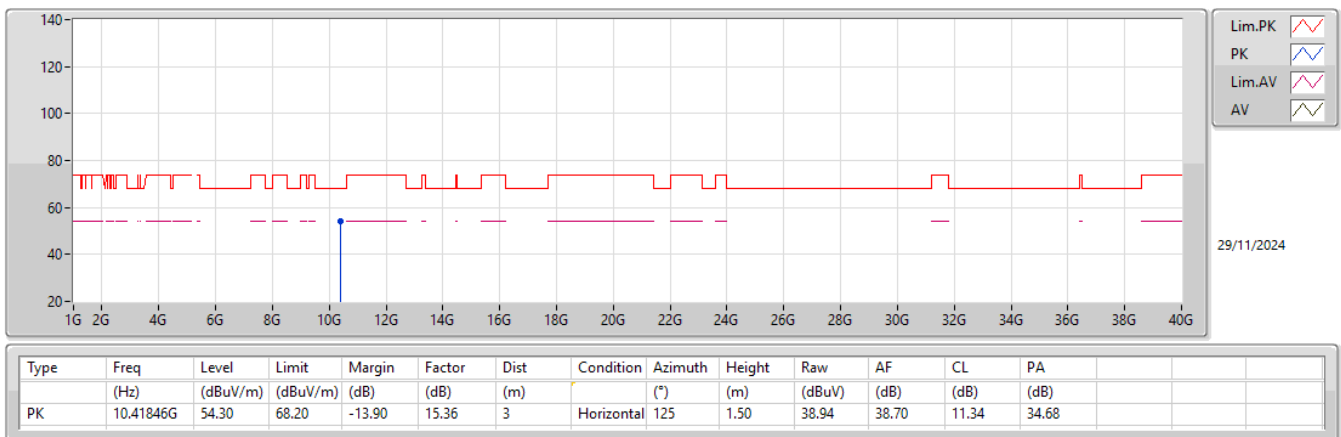
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.7

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	33.15	40.00	-6.85	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.7

Result

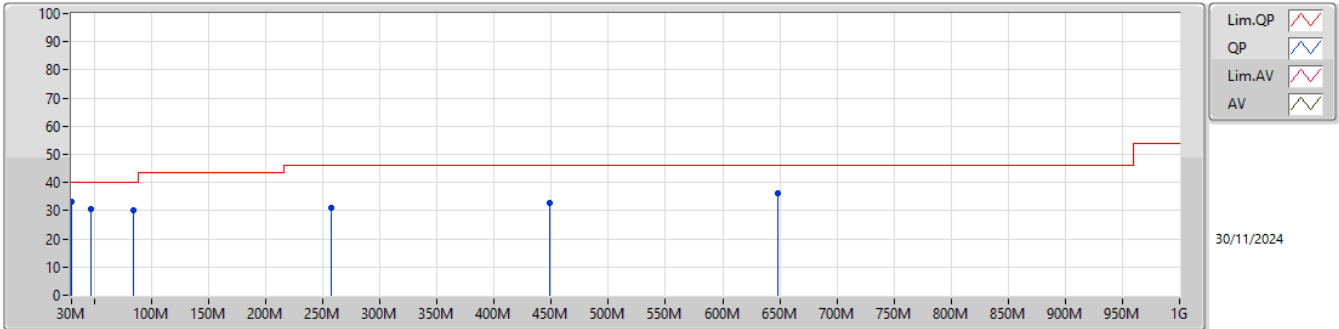
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	30M	33.15	40.00	-6.85	3	Vertical	360	1.00
5210MHz	Pass	PK	47.46M	30.80	40.00	-9.20	3	Vertical	360	1.00
5210MHz	Pass	PK	84.32M	30.04	40.00	-9.96	3	Vertical	360	1.00
5210MHz	Pass	PK	256.98M	31.21	46.00	-14.79	3	Vertical	360	1.00
5210MHz	Pass	PK	449.04M	32.58	46.00	-13.42	3	Vertical	360	1.00
5210MHz	Pass	PK	648.86M	36.17	46.00	-9.83	3	Vertical	360	1.00
5210MHz	Pass	PK	30M	25.56	40.00	-14.44	3	Horizontal	0	1.00
5210MHz	Pass	PK	167.74M	29.24	43.50	-14.26	3	Horizontal	0	1.00
5210MHz	Pass	PK	216M	28.60	46.00	-17.40	3	Horizontal	0	1.00
5210MHz	Pass	PK	258.92M	35.00	46.00	-11.00	3	Horizontal	0	1.00
5210MHz	Pass	PK	313.24M	34.01	46.00	-11.99	3	Horizontal	0	1.00
5210MHz	Pass	PK	633.34M	34.00	46.00	-12.00	3	Horizontal	0	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.7

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

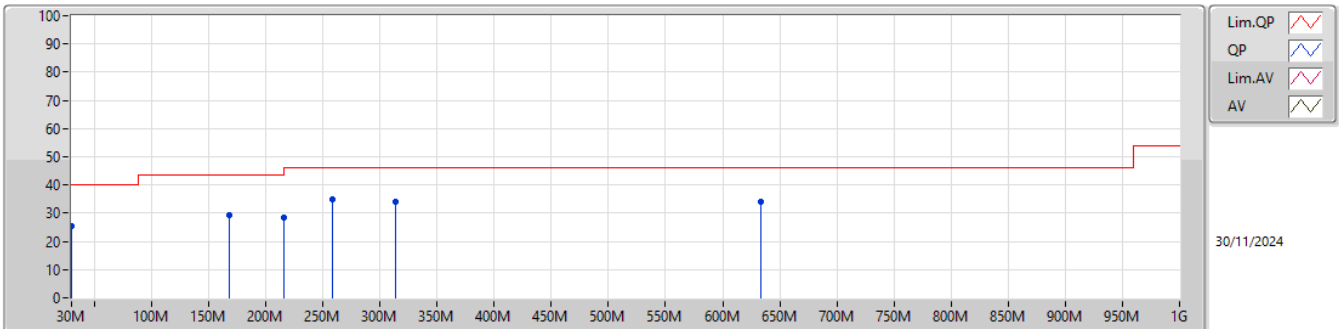
5210MHz_PoE



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	30M	33.15	40.00	-6.85	-3.00	3	Vertical	360	1.00	36.15	24.27	0.24	27.51
PK	47.46M	30.80	40.00	-9.20	-11.77	3	Vertical	360	1.00	42.57	15.19	0.40	27.36
PK	84.32M	30.04	40.00	-9.96	-12.66	3	Vertical	360	1.00	42.70	13.85	0.82	27.33
PK	256.98M	31.21	46.00	-14.79	-5.12	3	Vertical	360	1.00	36.33	19.44	2.17	26.73
PK	449.04M	32.58	46.00	-13.42	-2.01	3	Vertical	360	1.00	34.59	22.93	2.90	27.84
PK	648.86M	36.17	46.00	-9.83	0.67	3	Vertical	360	1.00	35.50	25.10	3.78	28.21

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_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	30M	25.56	40.00	-14.44	-3.00	3	Horizontal	0	1.00	28.56	24.27	0.24	27.51
PK	167.74M	29.24	43.50	-14.26	-9.40	3	Horizontal	0	1.00	38.64	15.88	1.80	27.08
PK	216M	28.60	46.00	-17.40	-9.85	3	Horizontal	0	1.00	38.45	14.96	2.07	26.88
PK	258.92M	35.00	46.00	-11.00	-4.93	3	Horizontal	0	1.00	39.93	19.63	2.17	26.73
PK	313.24M	34.01	46.00	-11.99	-4.79	3	Horizontal	0	1.00	38.80	19.70	2.31	26.80
PK	633.34M	34.00	46.00	-12.00	0.53	3	Horizontal	0	1.00	33.47	25.04	3.71	28.22



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	Pass	PK	5.149G	73.42	74.00	-0.58	3	Vertical	53	2.20



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

Result

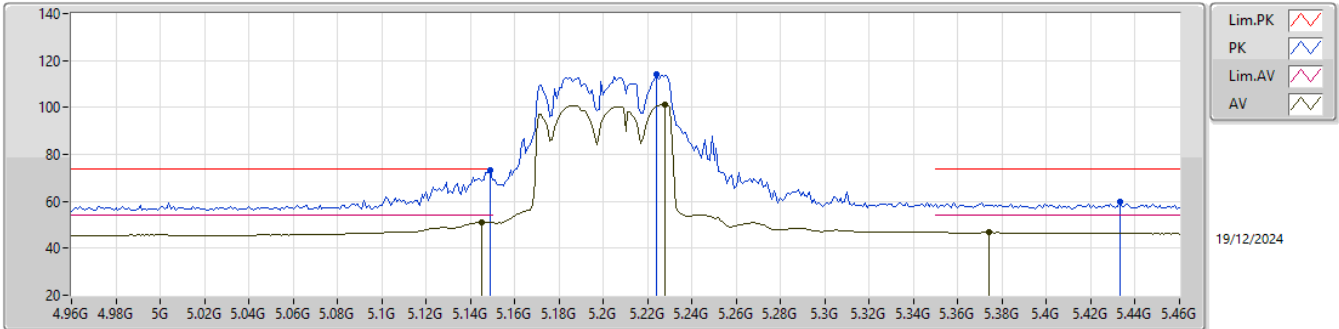
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.145G	51.24	54.00	-2.76	3	Vertical	53	2.20
5210MHz	Pass	AV	5.228G	101.43	Inf	-Inf	3	Vertical	53	2.20
5210MHz	Pass	AV	5.374G	46.76	54.00	-7.24	3	Vertical	53	2.20
5210MHz	Pass	PK	5.149G	73.42	74.00	-0.58	3	Vertical	53	2.20
5210MHz	Pass	PK	5.224G	114.19	Inf	-Inf	3	Vertical	53	2.20
5210MHz	Pass	PK	5.433G	60.00	74.00	-14.00	3	Vertical	53	2.20
5210MHz	Pass	AV	5.143G	47.43	54.00	-6.57	3	Horizontal	49	1.00
5210MHz	Pass	AV	5.223G	95.33	Inf	-Inf	3	Horizontal	49	1.00
5210MHz	Pass	AV	5.35G	46.28	54.00	-7.72	3	Horizontal	49	1.00
5210MHz	Pass	PK	5.144G	63.71	74.00	-10.29	3	Horizontal	49	1.00
5210MHz	Pass	PK	5.223G	107.83	Inf	-Inf	3	Horizontal	49	1.00
5210MHz	Pass	PK	5.353G	58.87	74.00	-15.13	3	Horizontal	49	1.00
5210MHz	Pass	PK	10.43248G	55.26	68.20	-12.94	3	Vertical	349	1.50
5210MHz	Pass	PK	10.3696G	54.78	68.20	-13.42	3	Horizontal	265	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX

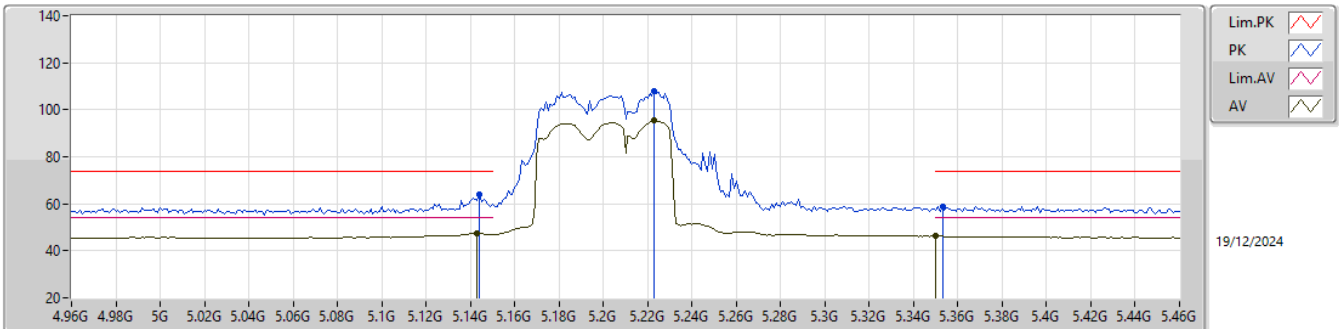
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.145G	51.24	54.00	-2.76	7.26	3	Vertical	53	2.20	43.98	33.18	8.08	34.00
AV	5.228G	101.43	Inf	-Inf	7.18	3	Vertical	53	2.20	94.25	33.04	8.14	34.00
AV	5.374G	46.76	54.00	-7.24	7.08	3	Vertical	53	2.20	39.68	32.85	8.22	33.99
PK	5.149G	73.42	74.00	-0.58	7.28	3	Vertical	53	2.20	66.14	33.20	8.08	34.00
PK	5.224G	114.19	Inf	-Inf	7.18	3	Vertical	53	2.20	107.01	33.05	8.13	34.00
PK	5.433G	60.00	74.00	-14.00	7.08	3	Vertical	53	2.20	52.92	32.80	8.26	33.98

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX

5210MHz_TX

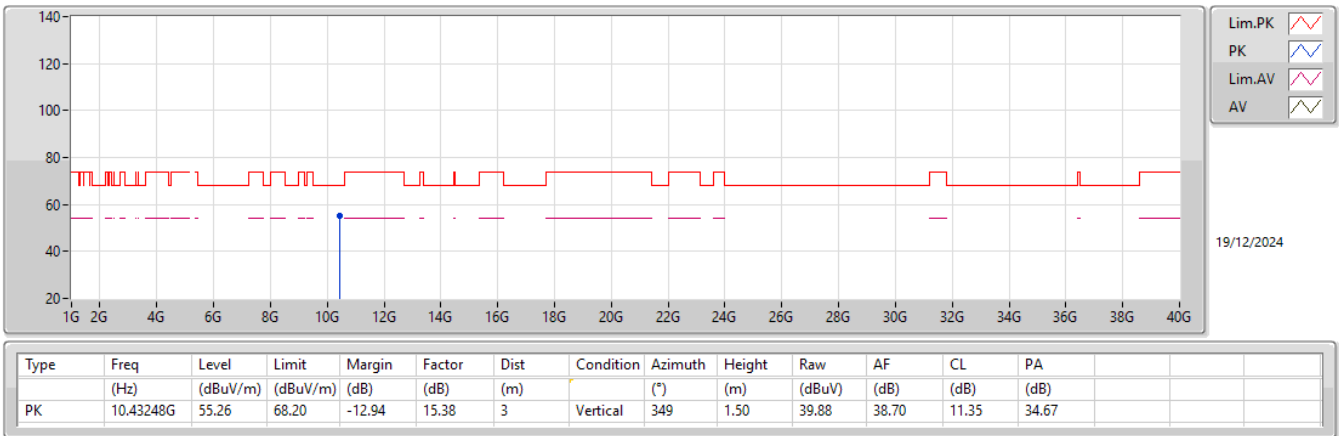


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.143G	47.43	54.00	-6.57	7.25	3	Horizontal	49	1.00	40.18	33.17	8.08	34.00
AV	5.223G	95.33	Inf	-Inf	7.18	3	Horizontal	49	1.00	88.15	33.05	8.13	34.00
AV	5.35G	46.28	54.00	-7.72	7.12	3	Horizontal	49	1.00	39.16	32.90	8.21	33.99
PK	5.144G	63.71	74.00	-10.29	7.26	3	Horizontal	49	1.00	56.45	33.18	8.08	34.00
PK	5.223G	107.83	Inf	-Inf	7.18	3	Horizontal	49	1.00	100.65	33.05	8.13	34.00
PK	5.353G	58.87	74.00	-15.13	7.11	3	Horizontal	49	1.00	51.76	32.89	8.21	33.99



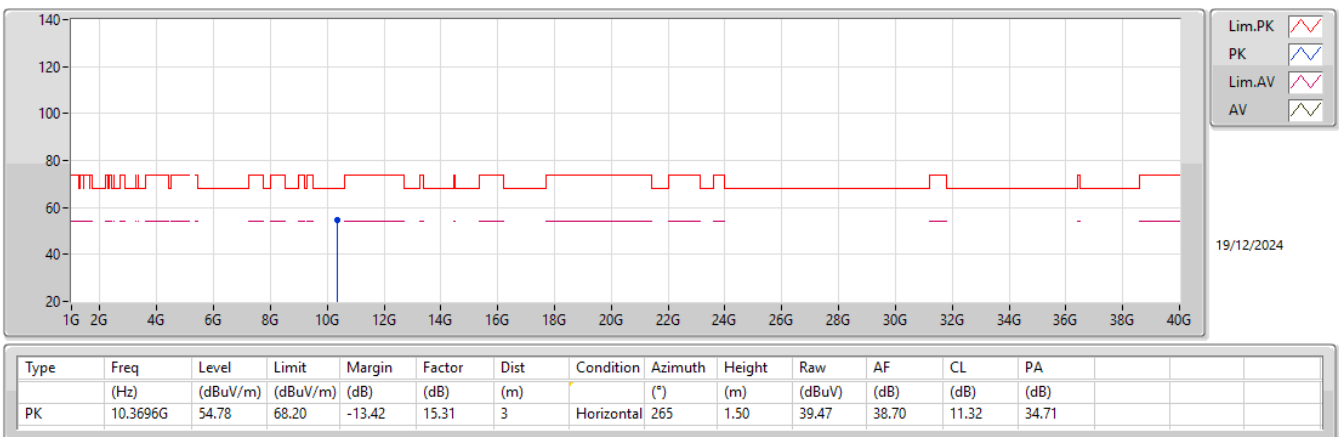
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX

5210MHz_TX





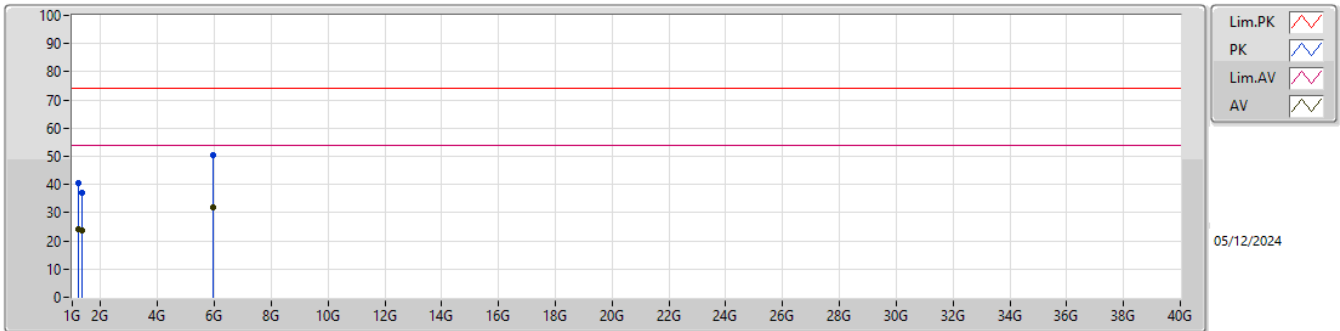
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	5.68084G	52.35	74.00	-21.65	Horizontal

Result

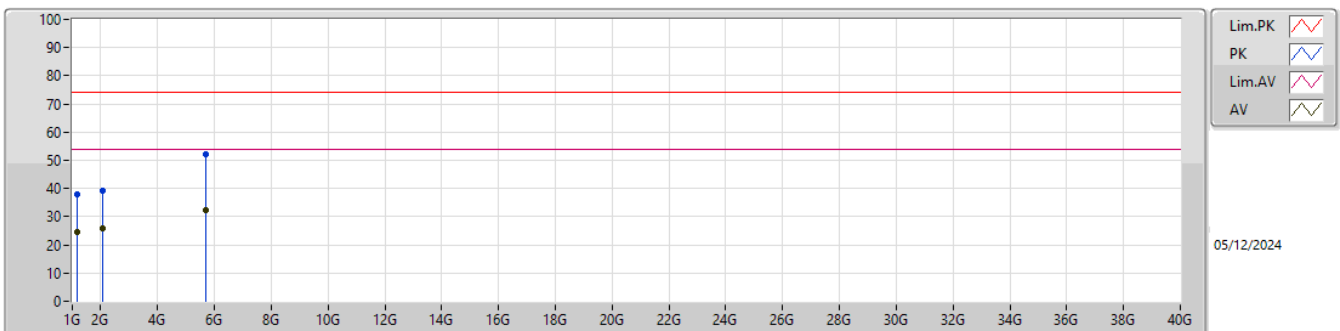
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.19615G	24.03	54.00	-29.97	3	Vertical	244	2.00
Mode 1	Pass	AV	1.35411G	23.68	54.00	-30.32	3	Vertical	162	1.00
Mode 1	Pass	AV	5.96115G	31.86	54.00	-22.14	3	Vertical	28	1.52
Mode 1	Pass	PK	1.19615G	40.59	74.00	-33.41	3	Vertical	244	2.00
Mode 1	Pass	PK	1.35411G	37.09	74.00	-36.91	3	Vertical	162	1.00
Mode 1	Pass	PK	5.96115G	50.24	74.00	-23.76	3	Vertical	28	1.52
Mode 1	Pass	AV	1.15423G	24.56	54.00	-29.44	3	Horizontal	341	1.04
Mode 1	Pass	AV	2.07577G	25.94	54.00	-28.06	3	Horizontal	30	1.00
Mode 1	Pass	AV	5.68084G	32.13	54.00	-21.87	3	Horizontal	27	2.00
Mode 1	Pass	PK	1.15423G	37.73	74.00	-36.27	3	Horizontal	341	1.04
Mode 1	Pass	PK	2.07577G	39.42	74.00	-34.58	3	Horizontal	30	1.00
Mode 1	Pass	PK	5.68084G	52.35	74.00	-21.65	3	Horizontal	27	2.00

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)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.19615G	24.03	54.00	-29.97	-6.32	3	Vertical	244	2.00	30.35	26.10	3.14	35.56
AV	1.35411G	23.68	54.00	-30.32	-6.12	3	Vertical	162	1.00	29.80	25.86	3.35	35.33
AV	5.96115G	31.86	54.00	-22.14	6.08	3	Vertical	28	1.52	25.78	34.02	7.32	35.26
PK	1.19615G	40.59	74.00	-33.41	-6.32	3	Vertical	244	2.00	46.91	26.10	3.14	35.56
PK	1.35411G	37.09	74.00	-36.91	-6.12	3	Vertical	162	1.00	43.21	25.86	3.35	35.33
PK	5.96115G	50.24	74.00	-23.76	6.08	3	Vertical	28	1.52	44.16	34.02	7.32	35.26

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)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.15423G	24.56	54.00	-29.44	-6.47	3	Horizontal	341	1.04	31.03	26.06	3.09	35.62
AV	2.07577G	25.94	54.00	-28.06	-3.29	3	Horizontal	30	1.00	29.23	27.50	4.21	35.00
AV	5.68084G	32.13	54.00	-21.87	5.45	3	Horizontal	27	2.00	26.68	33.41	7.19	35.15
PK	1.15423G	37.73	74.00	-36.27	-6.47	3	Horizontal	341	1.04	44.20	26.06	3.09	35.62
PK	2.07577G	39.42	74.00	-34.58	-3.29	3	Horizontal	30	1.00	42.71	27.50	4.21	35.00
PK	5.68084G	52.35	74.00	-21.65	5.45	3	Horizontal	27	2.00	46.90	33.41	7.19	35.15