

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

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Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	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	

History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: 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
5725-5850	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5745-5825	149-165 [5]
5725-5850	n (HT40), ac (VHT40), ax(HEW40), be (EHT40)	5755-5795	151-159 [2]
5725-5850	ac (VHT80), ax (HEW80) , be (EHT80)	5775	155 [1]

Non-Beamforming_Radio 2_1T1S_Full RU

Band	Mode	BWch	Nant
5.725-5.85GHz	802.11a	20	1TX
5.725-5.85GHz	802.11be EHT20	20	1TX
5.725-5.85GHz	802.11be EHT40	40	1TX
5.725-5.85GHz	802.11be EHT80	80	1TX

Non-Beamforming_Radio 2_1T1S_Multi-RU

Band	Mode	BWch	Nant
5.725-5.85GHz	802.11be EHT80	80	1TX

Non-Beamforming_Radio 2_2T1S_Full RU

Band	Mode	BWch	Nant
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX

Non-Beamforming_Radio 2_2T1S_Multi-RU

Band	Mode	BWch	Nant
5.725-5.85GHz	802.11be EHT80	80	2TX

Beamforming

Band	Mode	BWch	Nant
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	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)									BT
		2.4G	5G				6G				
			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	DG [1SS]	2.86	6.34	6.89	7.56	6.98	-	-	-	-
2	DG [2SS]	2.68	4.35	5.91	5.92	5	-	-	-	-
3	DG [1SS]	-	-	-	-	-	5.27	5.41	6.31	6.38
4	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)

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 3_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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)

**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 2_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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)

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
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Non-Beamforming_Radio 2_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT20_Nss1,(MCS0)_1TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT40_Nss1,(MCS0)_1TX	-
5755MHz	22
5795MHz	22
802.11be EHT80_Nss1,(MCS0)_1TX	-
5775MHz	22

Non-Beamforming_Radio 2_1T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5775MHz	19.5

Non-Beamforming_Radio 2_2T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT20_Nss1,(MCS0)_2TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT40_Nss1,(MCS0)_2TX	-
5755MHz	22
5795MHz	22
802.11be EHT80_Nss1,(MCS0)_2TX	-
5775MHz	22

**Non-Beamforming_Radio 2_2T1S_Multi-RU**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5775MHz	20

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5755MHz	22
5795MHz	22
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5775MHz	22

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

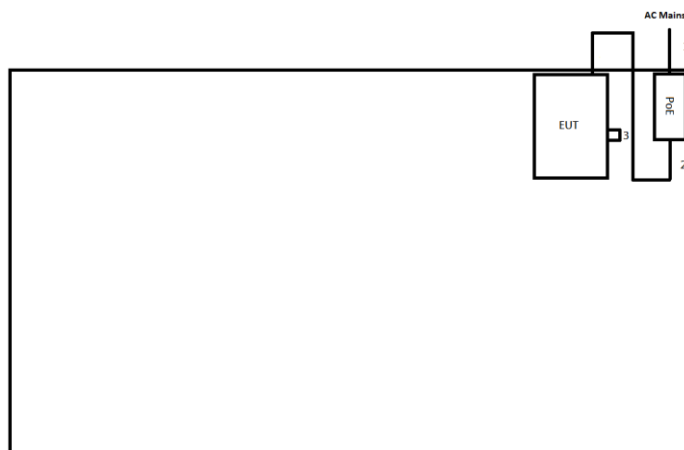
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Provided by Customer

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

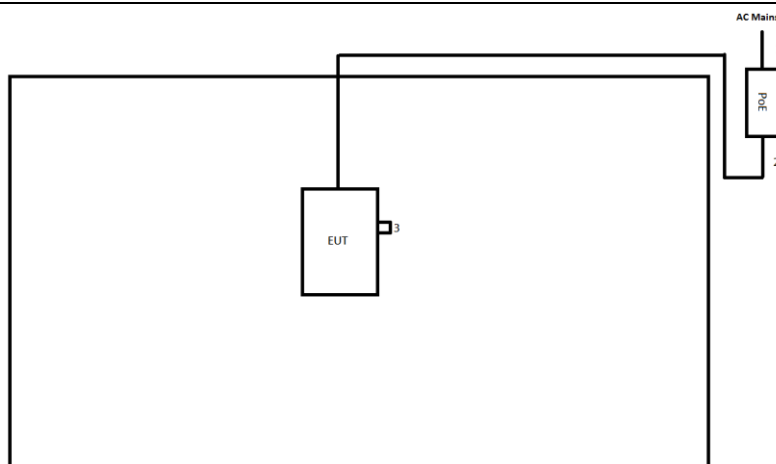
2.5 Test Setup Diagram

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

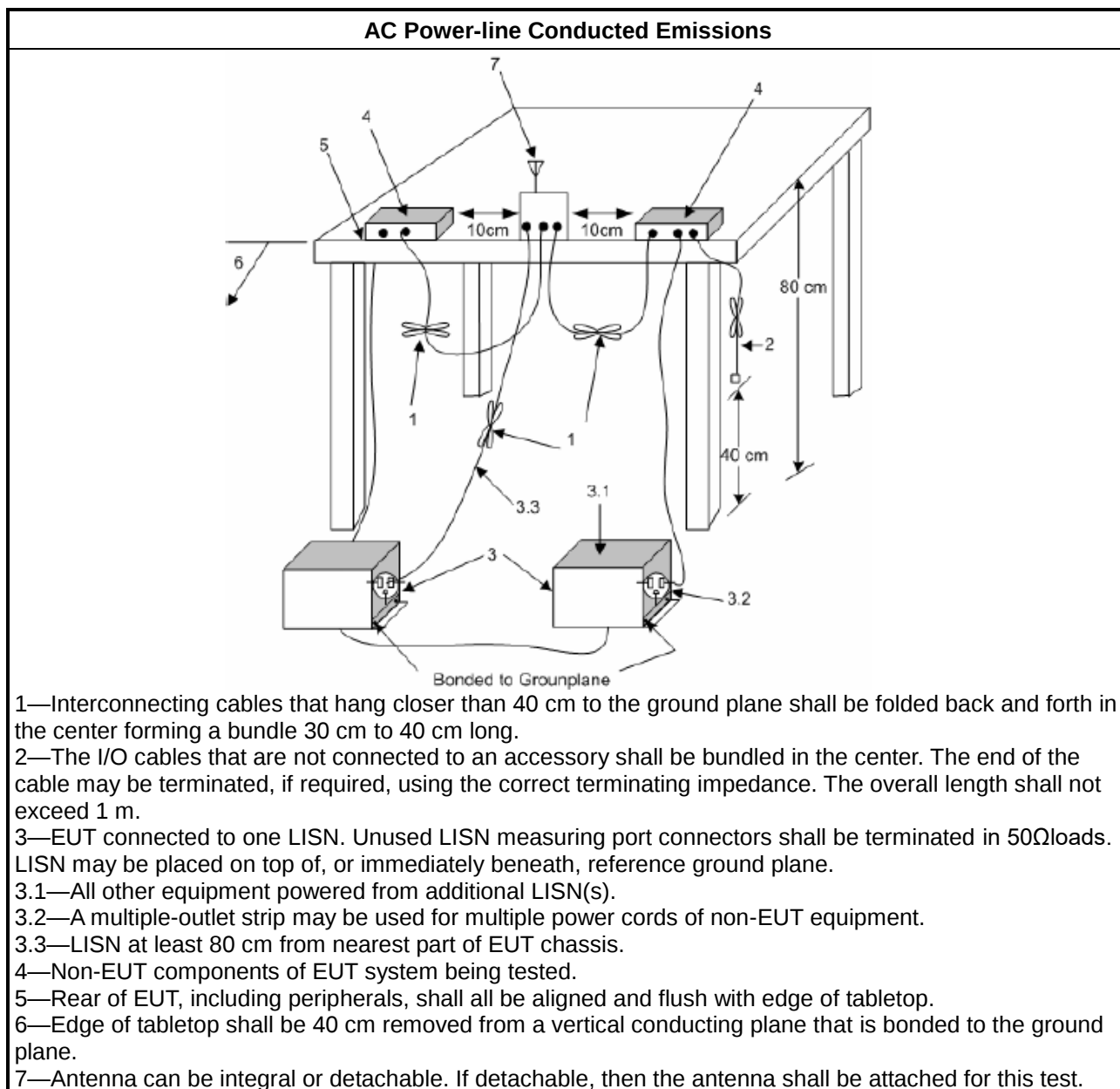
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

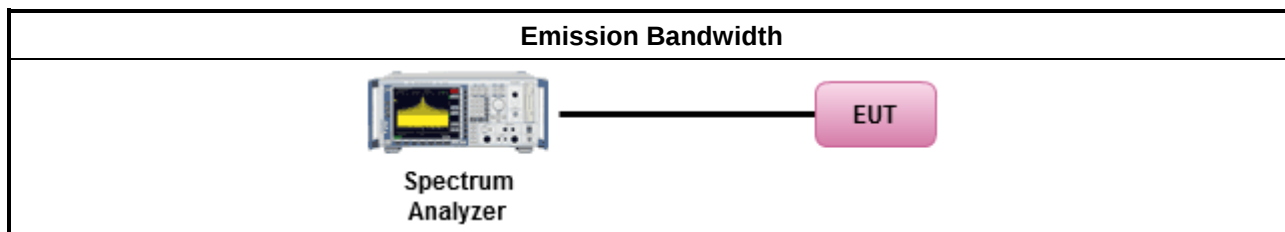
3.2.2 Measuring Instruments

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.	

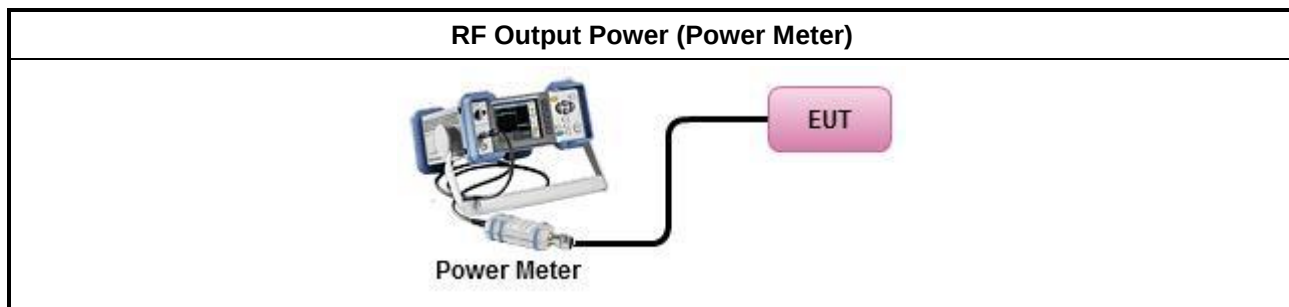
3.3.2 Measuring Instruments

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.	

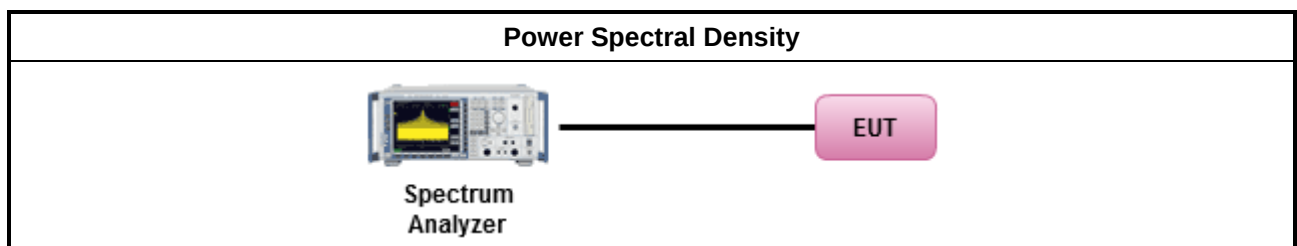
3.4.2 Measuring Instruments

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.

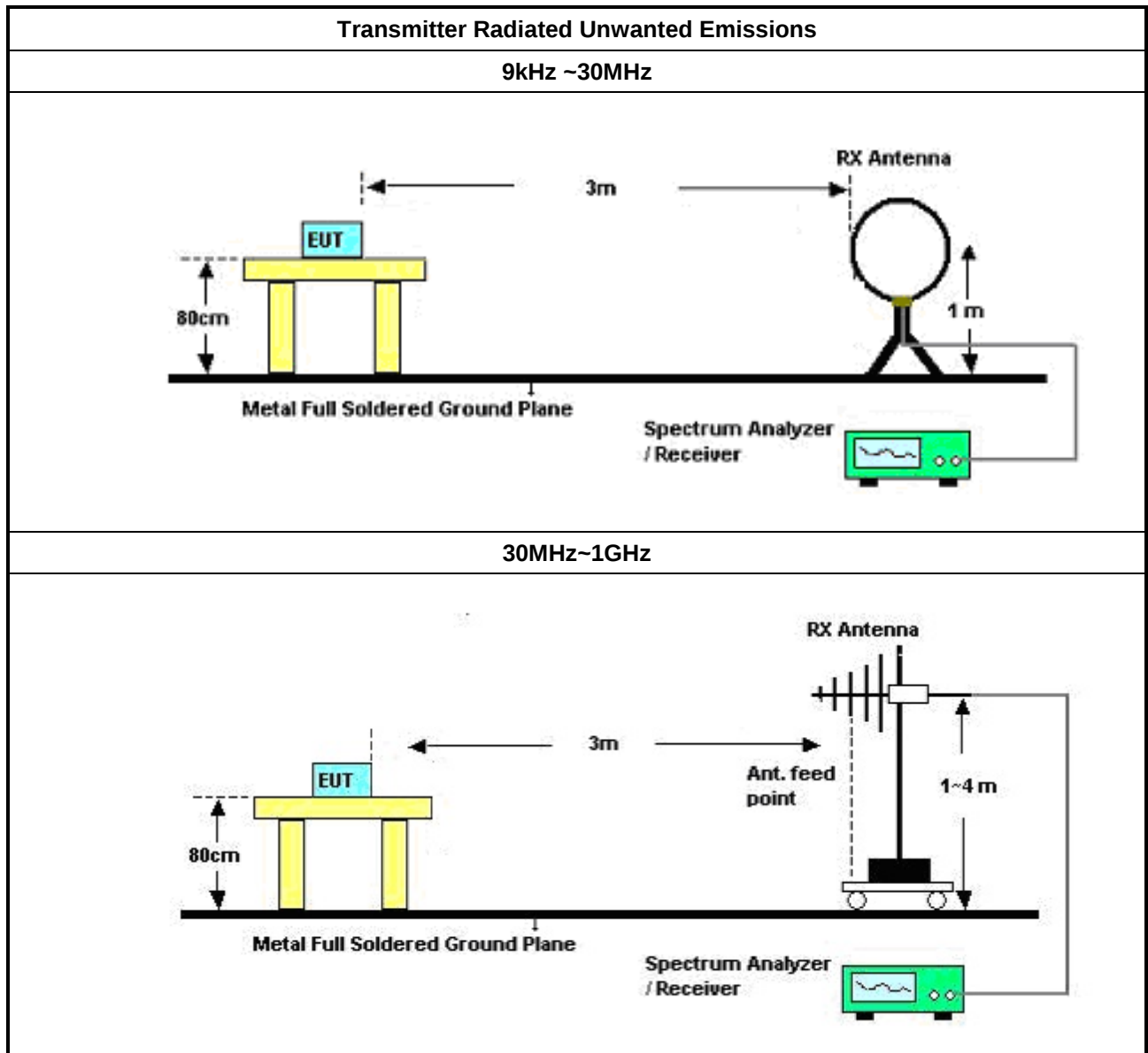
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

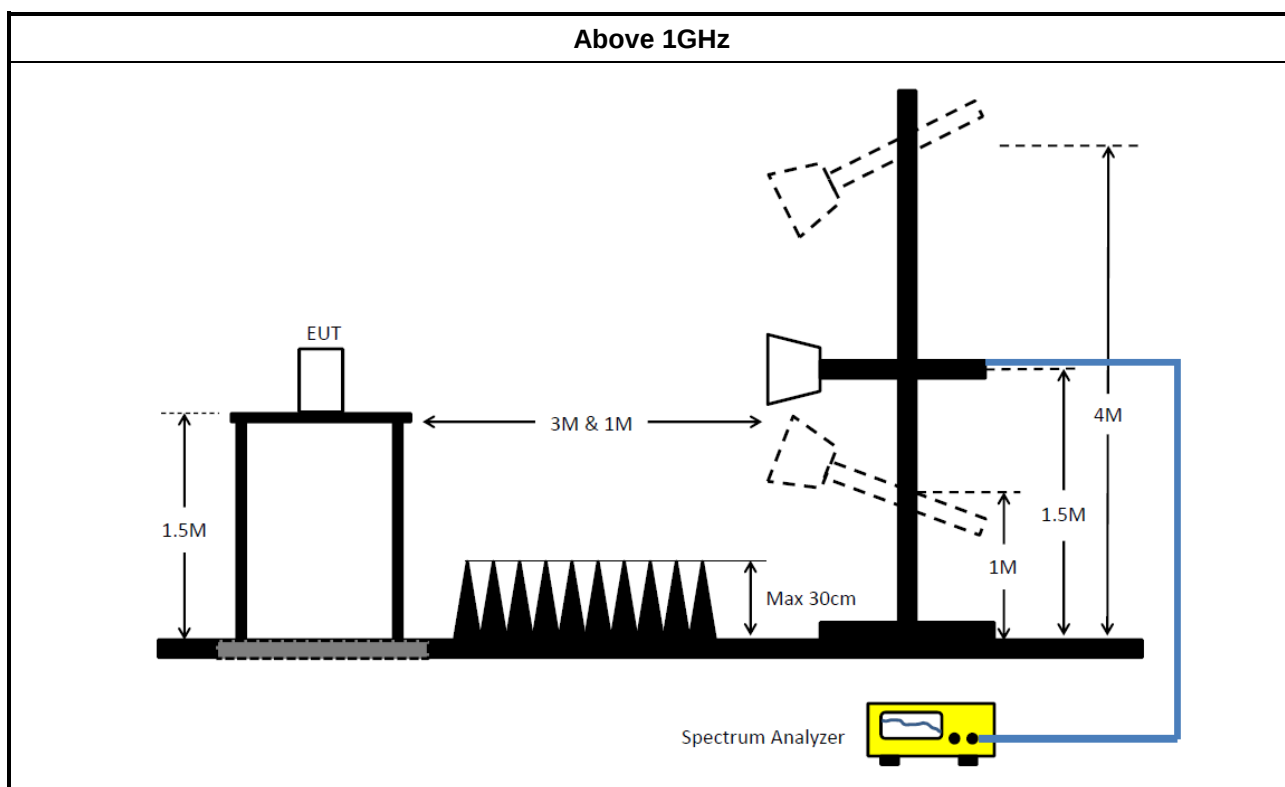
3.5.4 Measurement Results Calculation

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

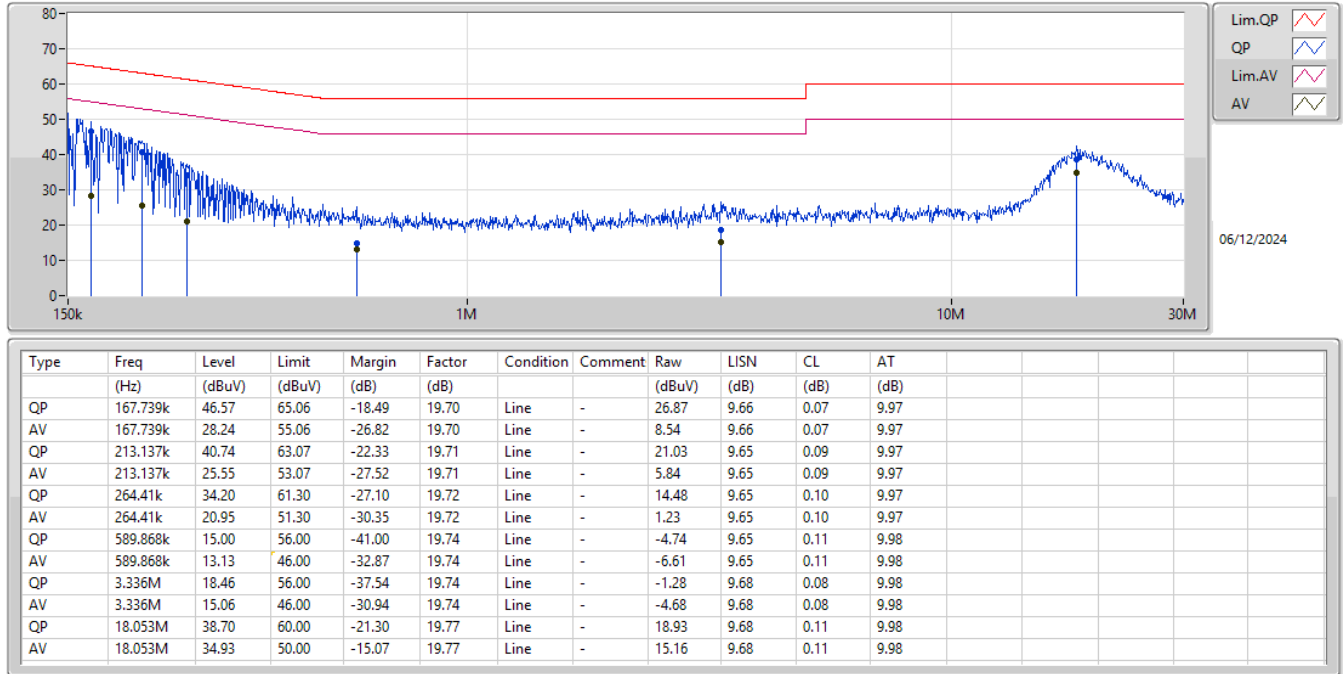
Summary

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

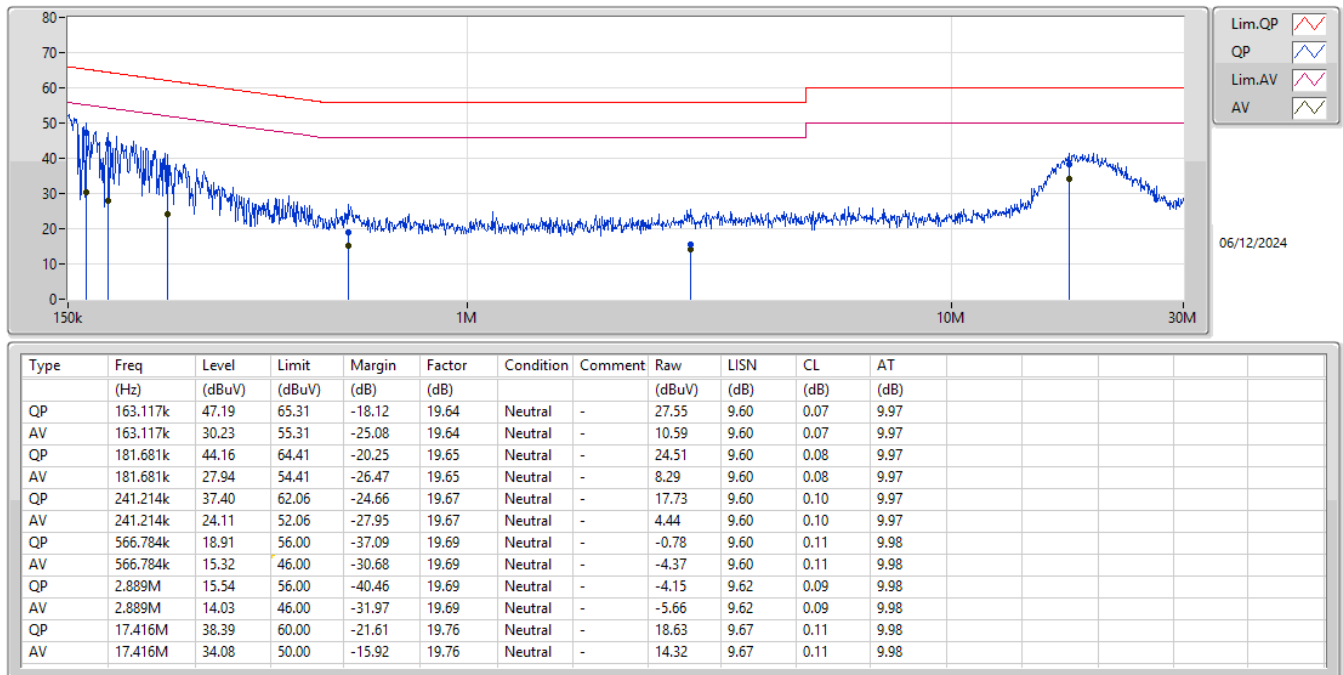
Result

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)
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.5M	16.735M	16M7D1D	16.335M	16.713M
802.11be EHT20_Nss1,(MCS0)_1TX	19.085M	19.095M	19M1D1D	18.975M	19.038M
802.11be EHT40_Nss1,(MCS0)_1TX	38.06M	38.097M	38M1D1D	37.29M	37.913M
802.11be EHT80_Nss1,(MCS0)_1TX	76.56M	77.726M	77M7D1D	76.56M	77.726M

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	-	-	-	-
5745MHz	Pass	500k	16.335M	16.715M
5785MHz	Pass	500k	16.5M	16.735M
5825MHz	Pass	500k	16.39M	16.713M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5745MHz	Pass	500k	19.085M	19.038M
5785MHz	Pass	500k	19.085M	19.095M
5825MHz	Pass	500k	18.975M	19.043M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5755MHz	Pass	500k	38.06M	38.097M
5795MHz	Pass	500k	37.29M	37.913M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5775MHz	Pass	500k	76.56M	77.726M

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

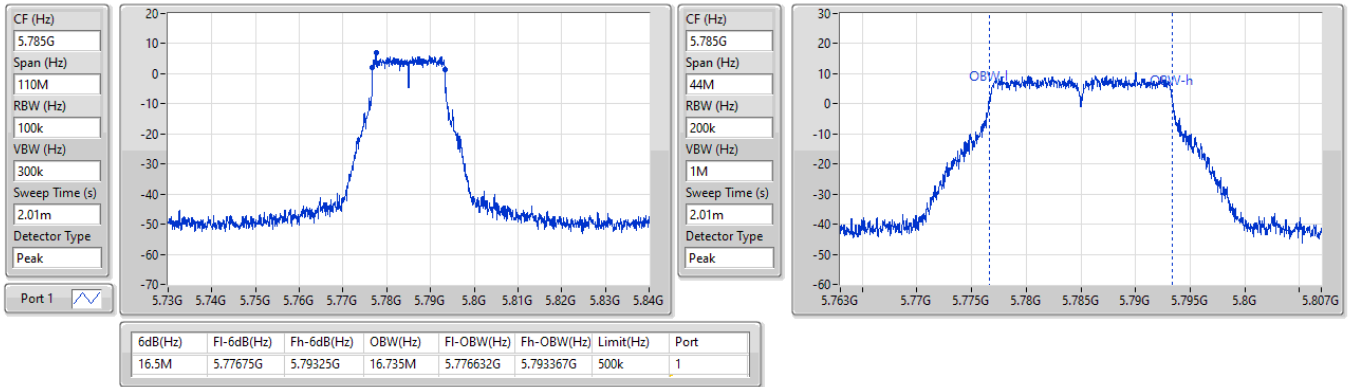


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

10/12/2024

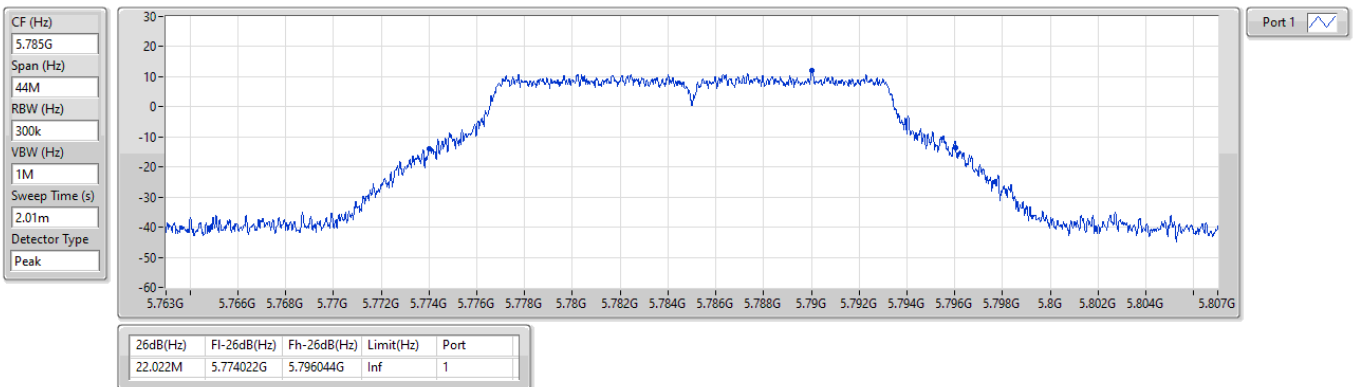


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

10/12/2024



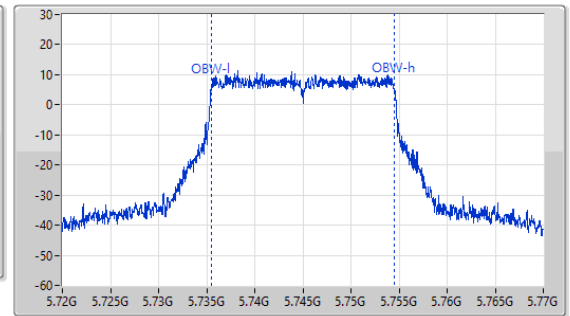
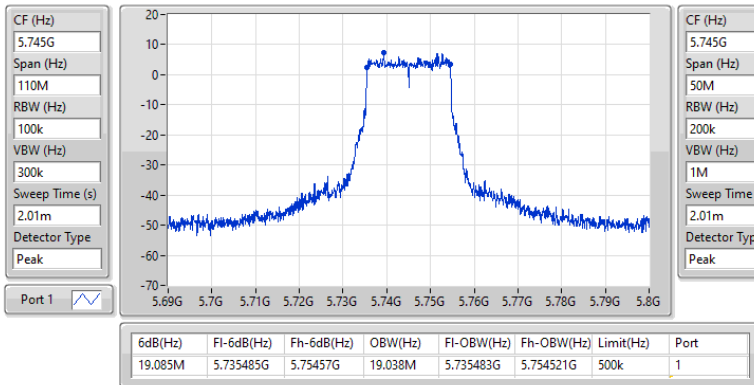


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

10/12/2024

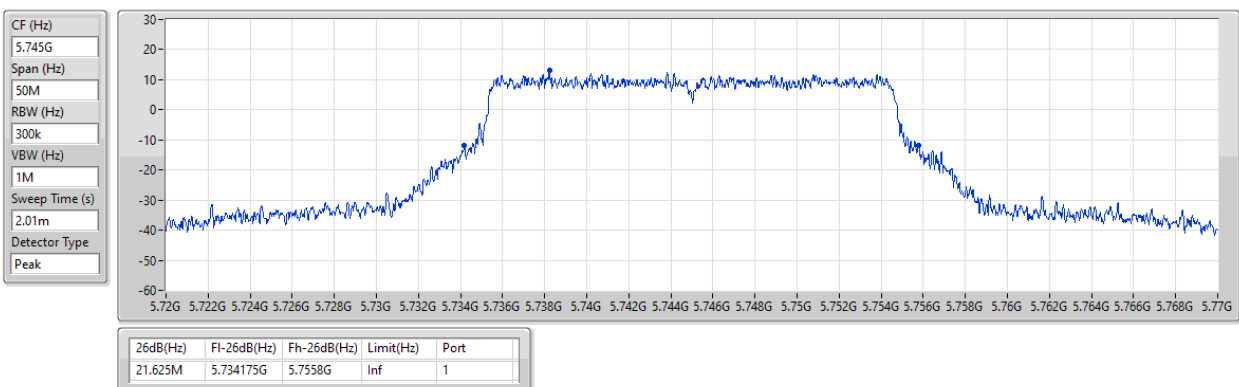


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5745MHz

10/12/2024



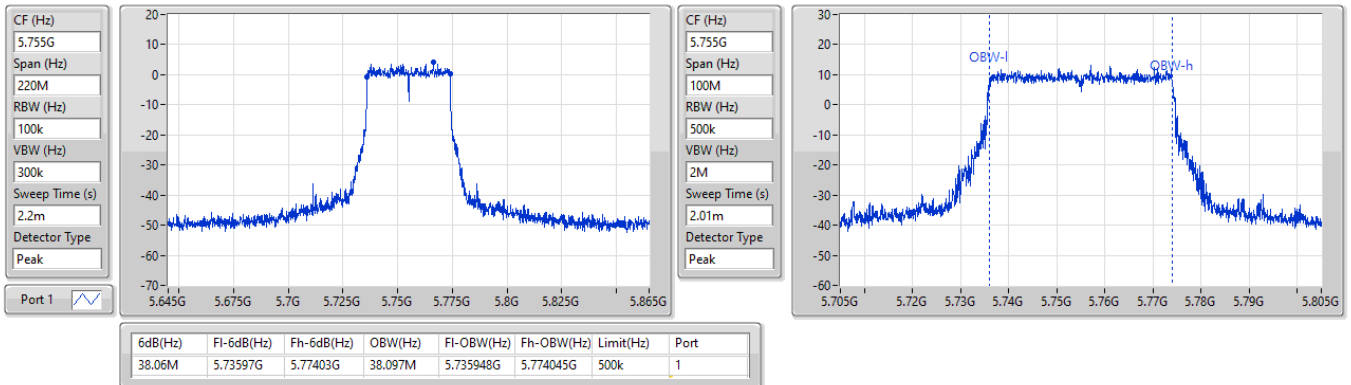


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

10/12/2024

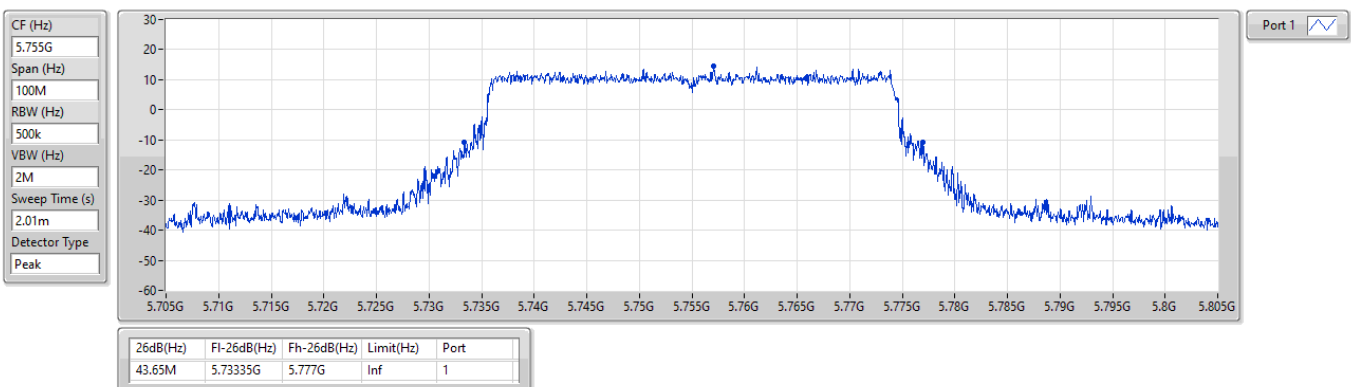


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5755MHz

10/12/2024



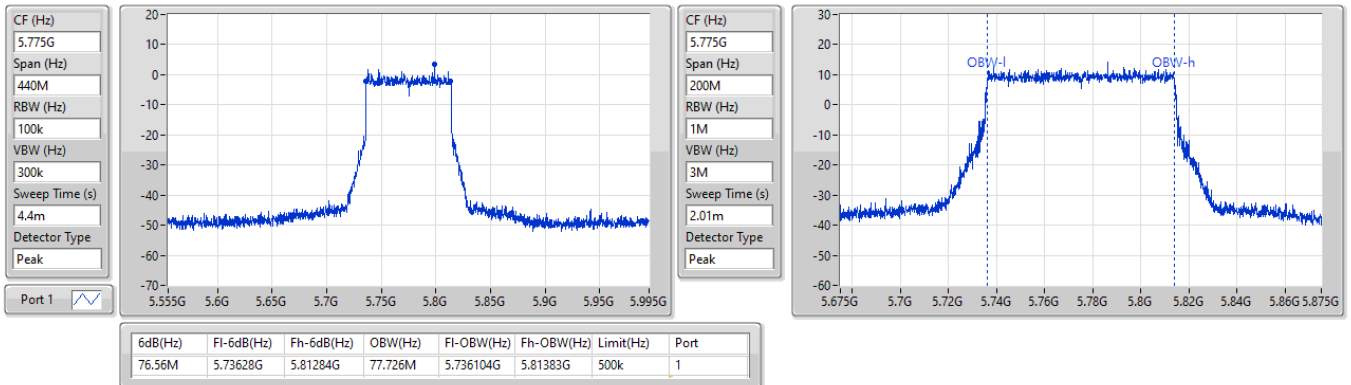


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

10/12/2024

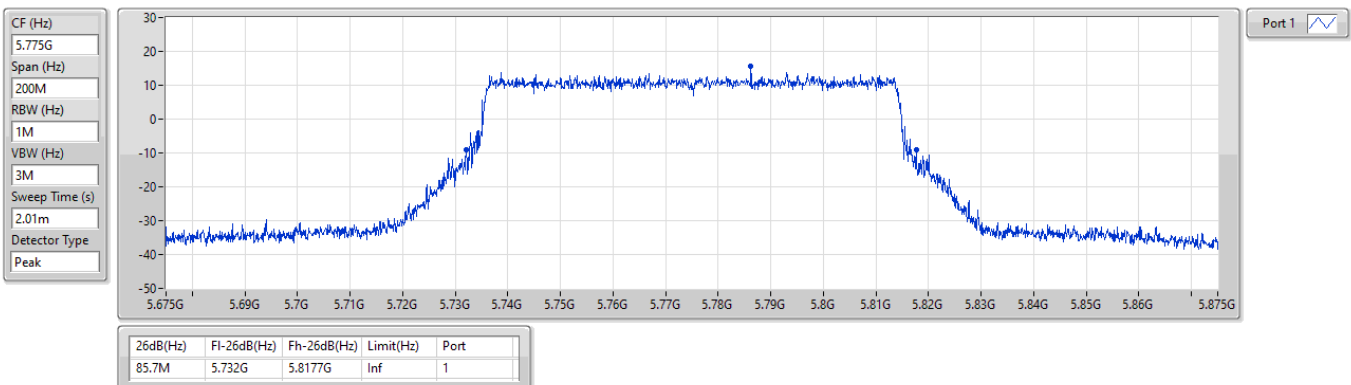


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5775MHz

10/12/2024



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.61M	16.803M	16M8D1D	16.28M	16.698M
802.11be EHT20_Nss1,(MCS0)_2TX	19.25M	19.048M	19M0D1D	18.81M	18.993M
802.11be EHT40_Nss1,(MCS0)_2TX	37.95M	38.021M	38M0D1D	37.73M	37.932M
802.11be EHT80_Nss1,(MCS0)_2TX	78.32M	77.749M	77M7D1D	78.1M	77.734M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	16.28M	16.803M	16.39M	16.698M
5785MHz	Pass	500k	16.335M	16.726M	16.5M	16.739M
5825MHz	Pass	500k	16.39M	16.749M	16.61M	16.747M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	500k	19.14M	19.048M	19.085M	19.048M
5785MHz	Pass	500k	19.14M	18.993M	19.03M	19.044M
5825MHz	Pass	500k	19.25M	19.031M	18.81M	19.031M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	500k	37.73M	37.932M	37.95M	38.021M
5795MHz	Pass	500k	37.95M	37.985M	37.84M	38.004M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	500k	78.1M	77.734M	78.32M	77.749M

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

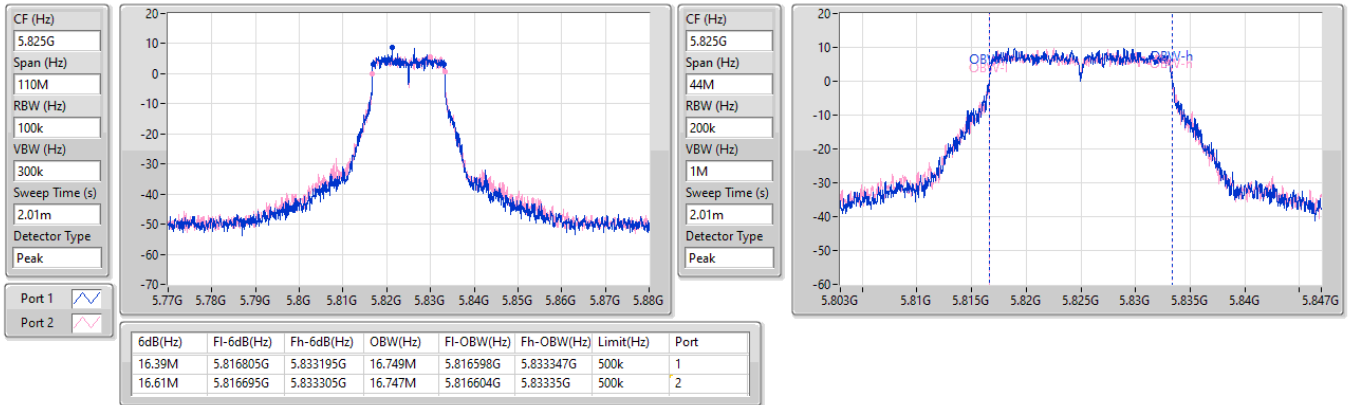


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

09/12/2024

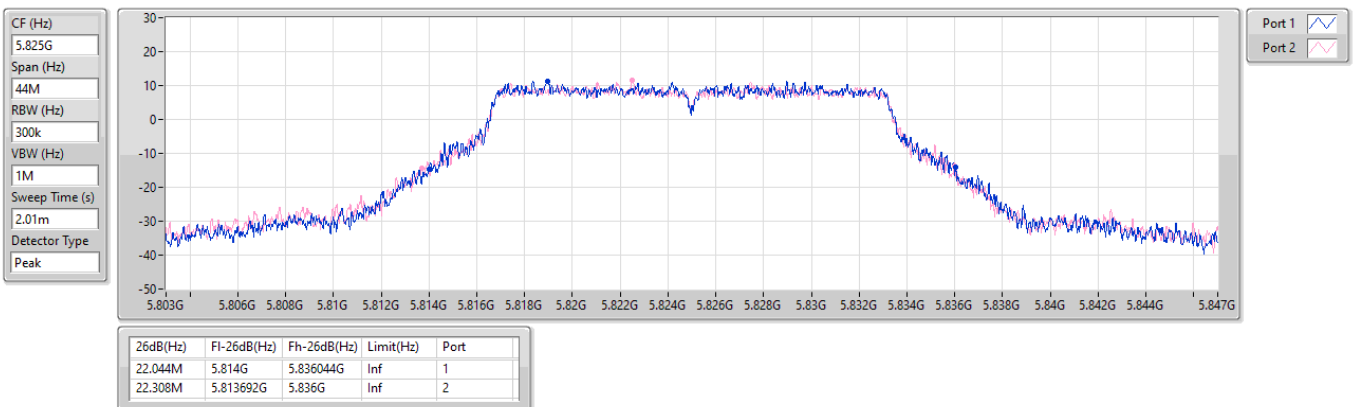


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

09/12/2024



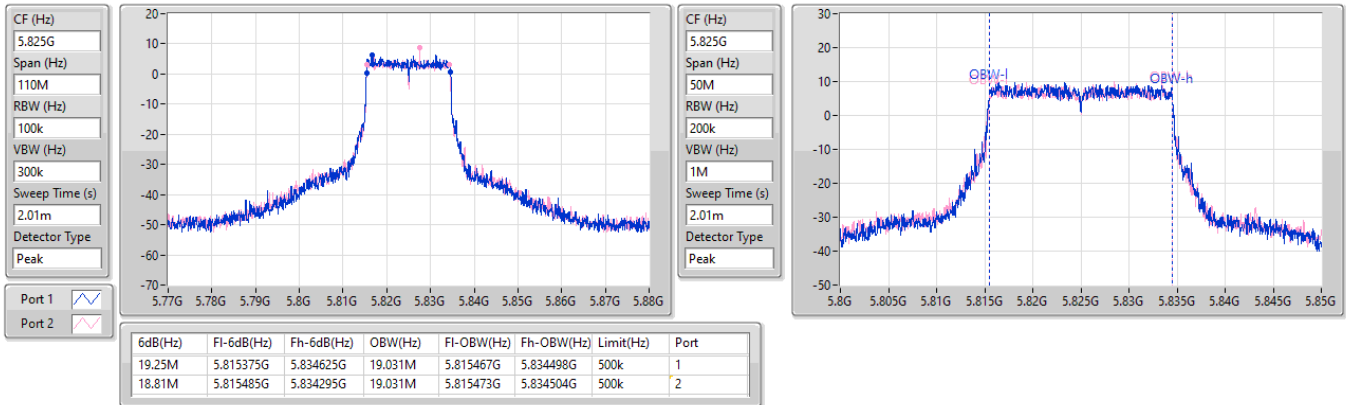


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

09/12/2024

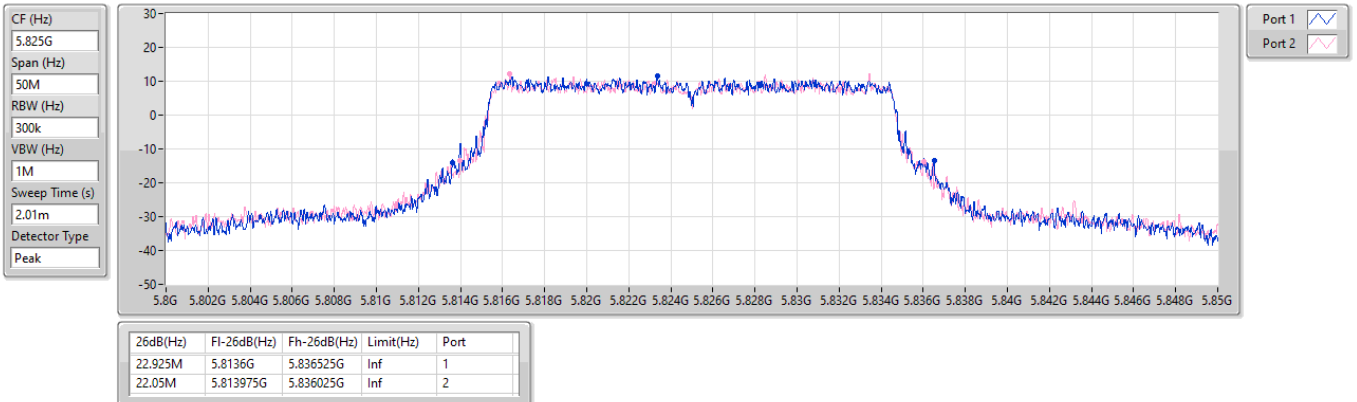


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5825MHz

09/12/2024



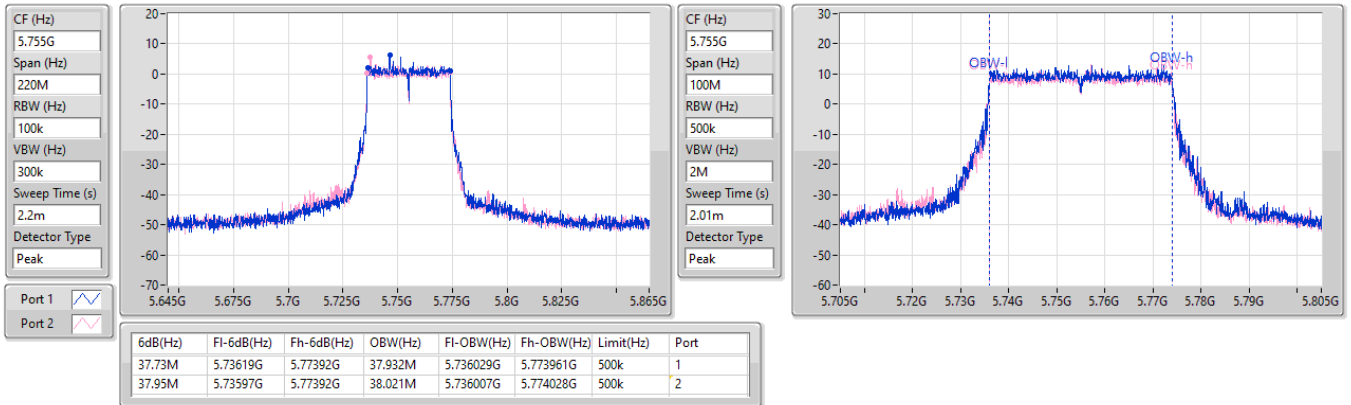


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

09/12/2024

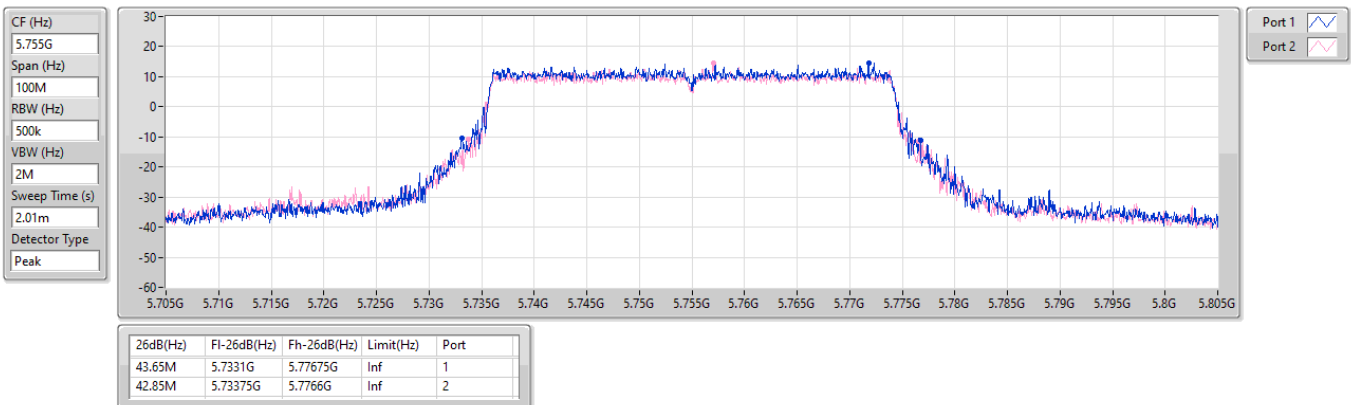


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

09/12/2024



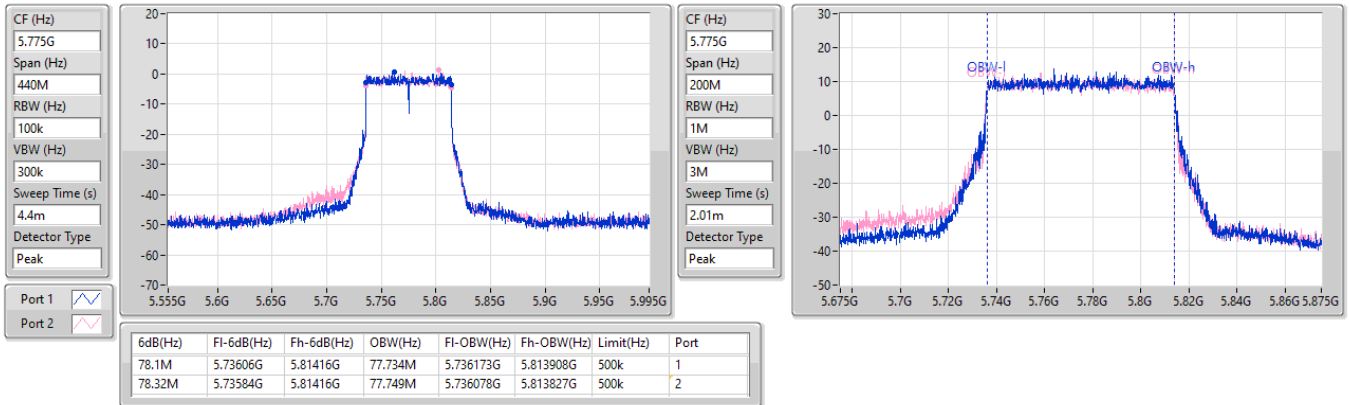


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/12/2024

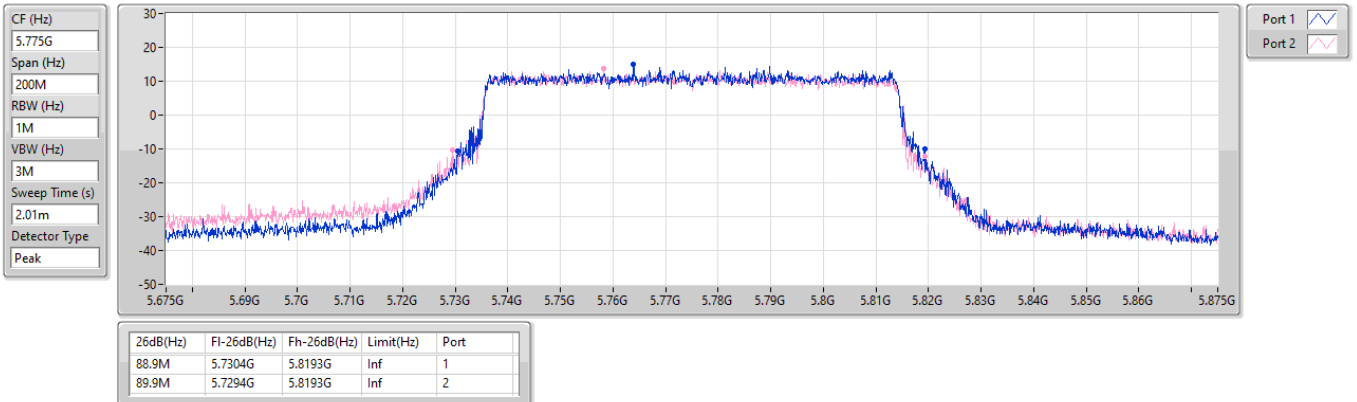


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/12/2024





Summary

Mode	Total Power	Total Power
	(dBm)	(W)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.32	0.13552
802.11be EHT20_Nss1,(MCS0)_1TX	21.42	0.13868
802.11be EHT40_Nss1,(MCS0)_1TX	21.32	0.13552
802.11be EHT80_Nss1,(MCS0)_1TX	20.96	0.12474

**Result**

Mode	Result	DG	Port 1	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5745MHz	Pass	5.00	21.32	21.32	30.00
5785MHz	Pass	5.00	20.90	20.90	30.00
5825MHz	Pass	5.00	20.99	20.99	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz	Pass	5.00	21.42	21.42	30.00
5785MHz	Pass	5.00	21.02	21.02	30.00
5825MHz	Pass	5.00	21.06	21.06	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5755MHz	Pass	5.00	21.32	21.32	30.00
5795MHz	Pass	5.00	21.02	21.02	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5775MHz	Pass	5.00	20.96	20.96	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)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.85	0.24266
802.11be EHT20_Nss1,(MCS0)_2TX	24.09	0.25645
802.11be EHT40_Nss1,(MCS0)_2TX	24.02	0.25235
802.11be EHT80_Nss1,(MCS0)_2TX	23.81	0.24044

**Result**

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	5.00	21.23	20.34	23.82	30.00
5785MHz	Pass	5.00	20.82	20.82	23.83	30.00
5825MHz	Pass	5.00	20.91	20.76	23.85	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	5.00	21.39	20.67	24.06	30.00
5785MHz	Pass	5.00	21.09	21.06	24.09	30.00
5825MHz	Pass	5.00	21.03	20.94	24.00	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	5.00	21.28	20.56	23.95	30.00
5795MHz	Pass	5.00	21.12	20.90	24.02	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	5.00	20.92	20.67	23.81	30.00

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



Average Power_Beamforming_Radio 2_2T1S

Appendix C.3

Summary

Mode	Total Power	Total Power
	(dBm)	(W)
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.09	0.25645
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.02	0.25235
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.81	0.24044



Average Power_Beamforming_Radio 2_2T1S

Appendix C.3

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	21.39	20.67	24.06	29.02
5785MHz	Pass	6.98	21.09	21.06	24.09	29.02
5825MHz	Pass	6.98	21.03	20.94	24.00	29.02
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	6.98	21.28	20.56	23.95	29.02
5795MHz	Pass	6.98	21.12	20.90	24.02	29.02
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	6.98	20.92	20.67	23.81	29.02

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



Summary

Mode	PD
	(dBm/RBW)
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.64
802.11be EHT20_Nss1,(MCS0)_1TX	6.12
802.11be EHT40_Nss1,(MCS0)_1TX	2.89
802.11be EHT80_Nss1,(MCS0)_1TX	-0.58

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	-	-	-	-	-
5745MHz	Pass	5.00	6.64	6.64	30.00
5785MHz	Pass	5.00	6.19	6.19	30.00
5825MHz	Pass	5.00	6.36	6.36	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5745MHz	Pass	5.00	6.12	6.12	30.00
5785MHz	Pass	5.00	5.58	5.58	30.00
5825MHz	Pass	5.00	5.84	5.84	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5755MHz	Pass	5.00	2.89	2.89	30.00
5795MHz	Pass	5.00	2.55	2.55	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5775MHz	Pass	5.00	-0.58	-0.58	30.00

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.



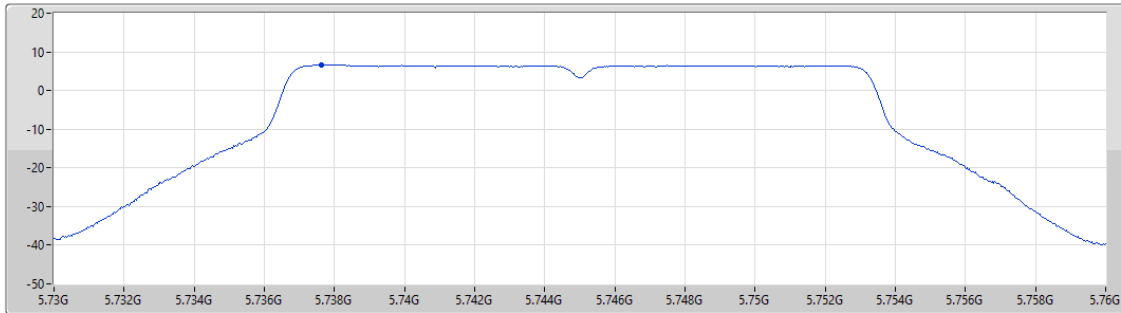
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

10/12/2024

CF (Hz)
5.745G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
19.954
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.64	6.64	6.64

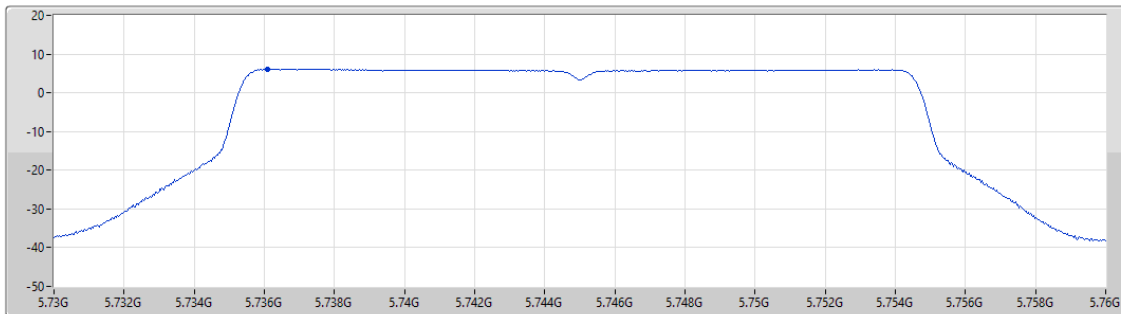
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

10/12/2024

CF (Hz)
5.745G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.12	6.12	6.12



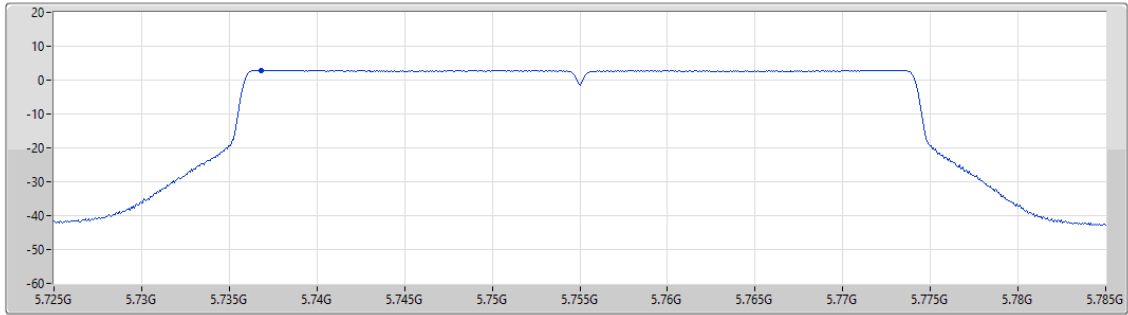
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

10/12/2024

CF (Hz)
5.755G
Span (Hz)
60M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.89	2.89	2.89

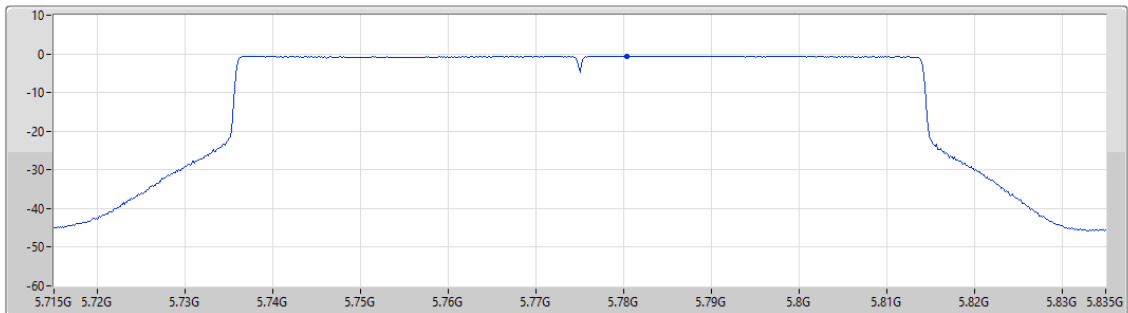
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

10/12/2024

CF (Hz)
5.775G
Span (Hz)
120M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.58	-0.58	-0.58



Summary

Mode	PD
	(dBm/RBW)
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-0.92

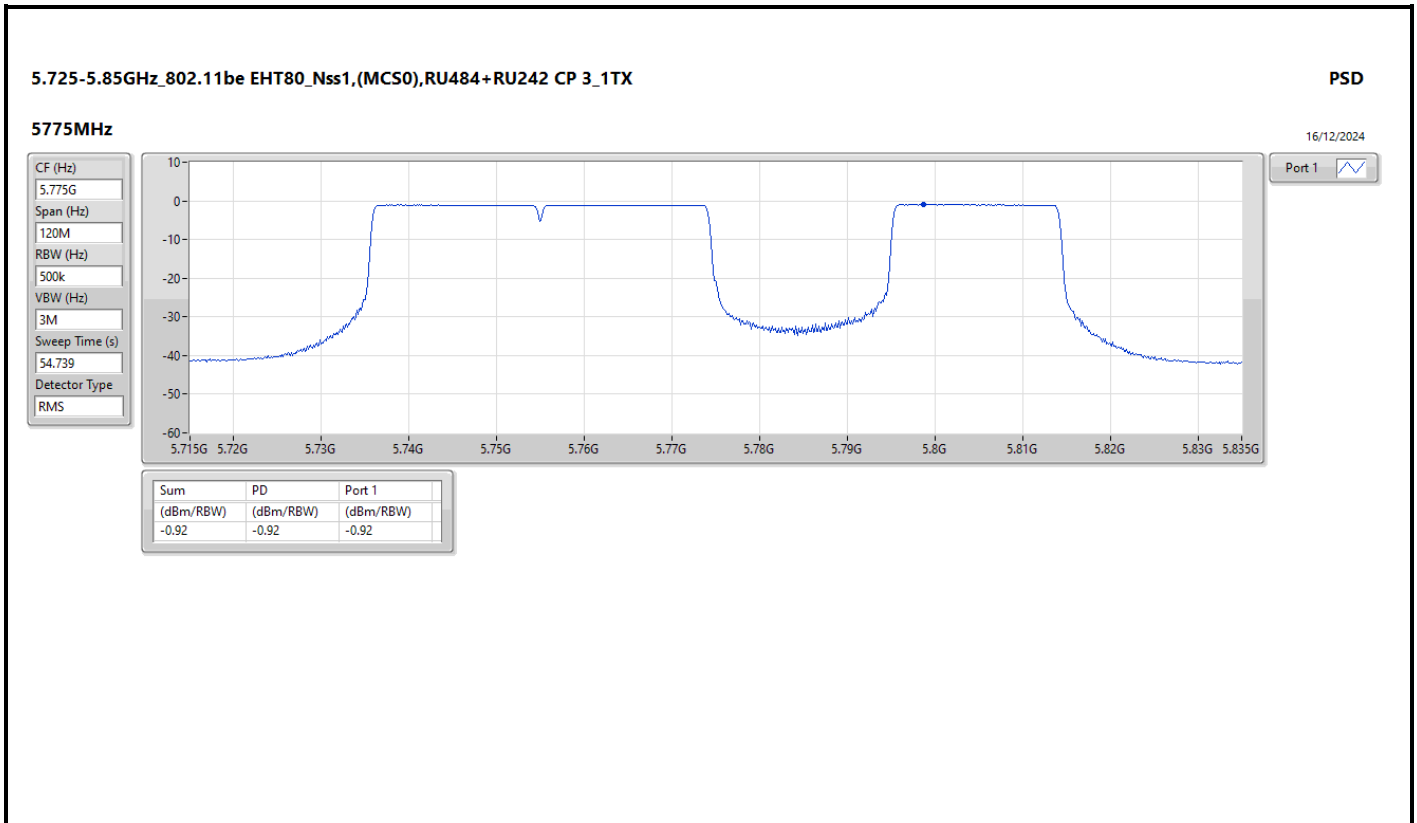
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-
5775MHz	Pass	5.00	-0.92	-0.92	30.00

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)
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.19
802.11be EHT20_Nss1,(MCS0)_2TX	8.70
802.11be EHT40_Nss1,(MCS0)_2TX	5.63
802.11be EHT80_Nss1,(MCS0)_2TX	2.33

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	6.63	5.71	9.16	29.02
5785MHz	Pass	6.98	6.09	6.31	9.17	29.02
5825MHz	Pass	6.98	6.28	6.14	9.19	29.02
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5745MHz	Pass	6.98	6.08	5.07	8.60	29.02
5785MHz	Pass	6.98	5.50	5.65	8.55	29.02
5825MHz	Pass	6.98	5.75	5.71	8.70	29.02
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5755MHz	Pass	6.98	2.94	2.18	5.57	29.02
5795MHz	Pass	6.98	2.60	2.77	5.63	29.02
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5775MHz	Pass	6.98	-0.59	-0.70	2.33	29.02

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.



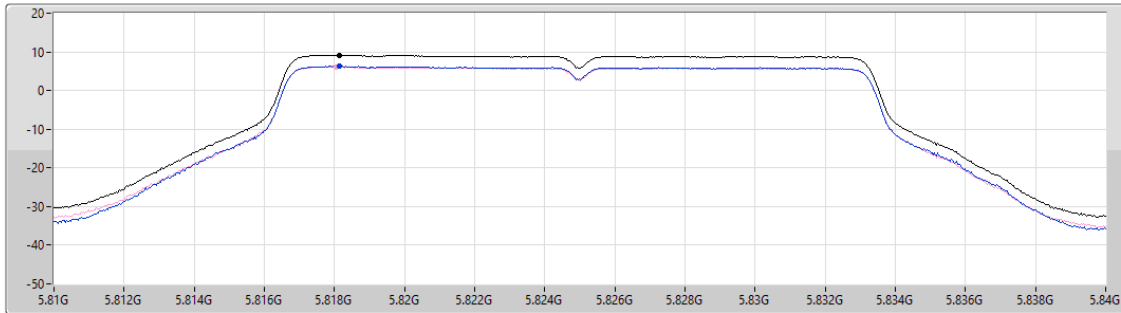
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/12/2024

CF (Hz)
5.825G
Span (Hz)
30M
RBW (Hz)
500k
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)
9.19	9.19	6.28	6.14

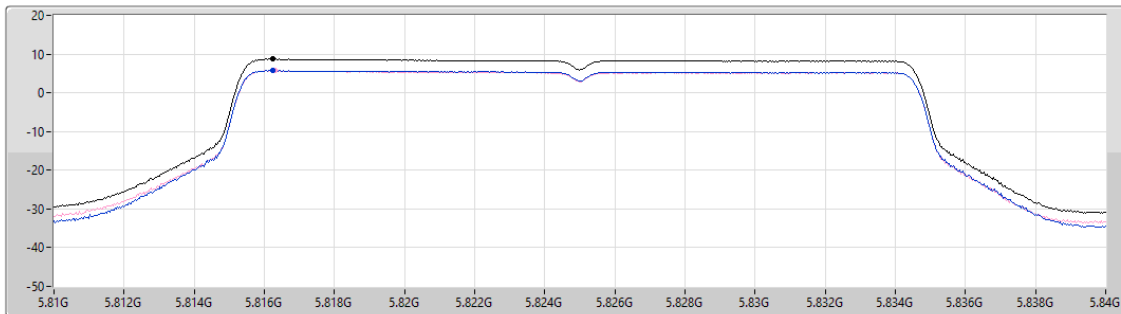
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/12/2024

CF (Hz)
5.825G
Span (Hz)
30M
RBW (Hz)
500k
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)
8.70	8.70	5.75	5.71



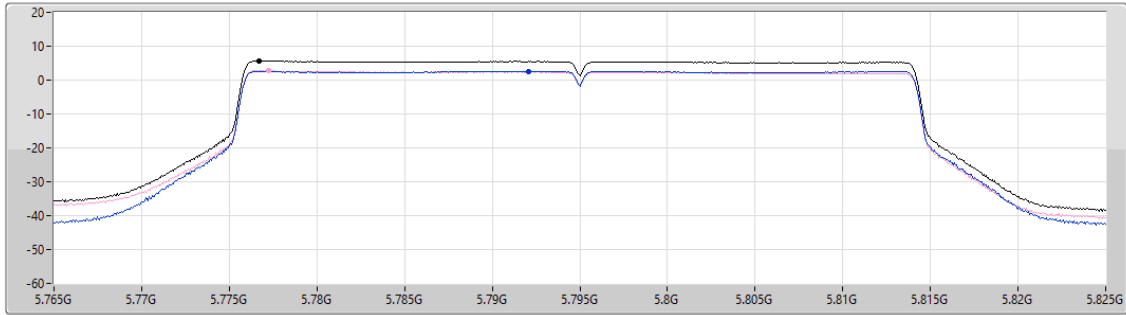
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

09/12/2024

CF (Hz)
5.795G
Span (Hz)
60M
RBW (Hz)
500k
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)
5.63	5.63	2.60	2.77

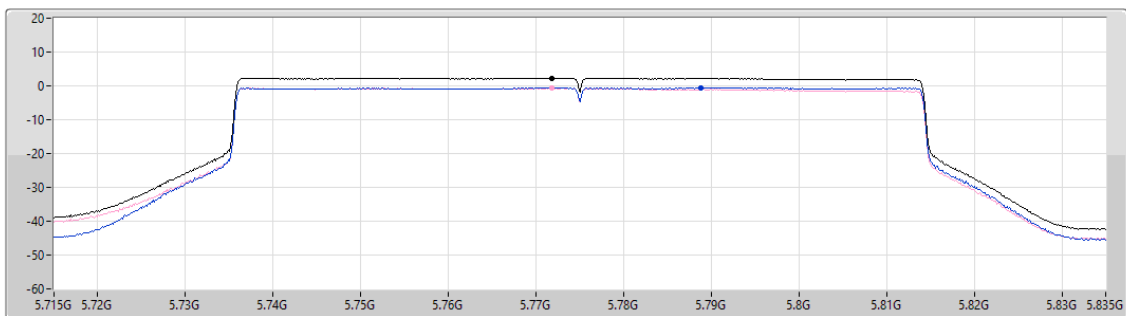
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

09/12/2024

CF (Hz)
5.775G
Span (Hz)
120M
RBW (Hz)
500k
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)
2.33	2.33	-0.59	-0.70



Summary

Mode	PD
	(dBm/RBW)
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	2.31

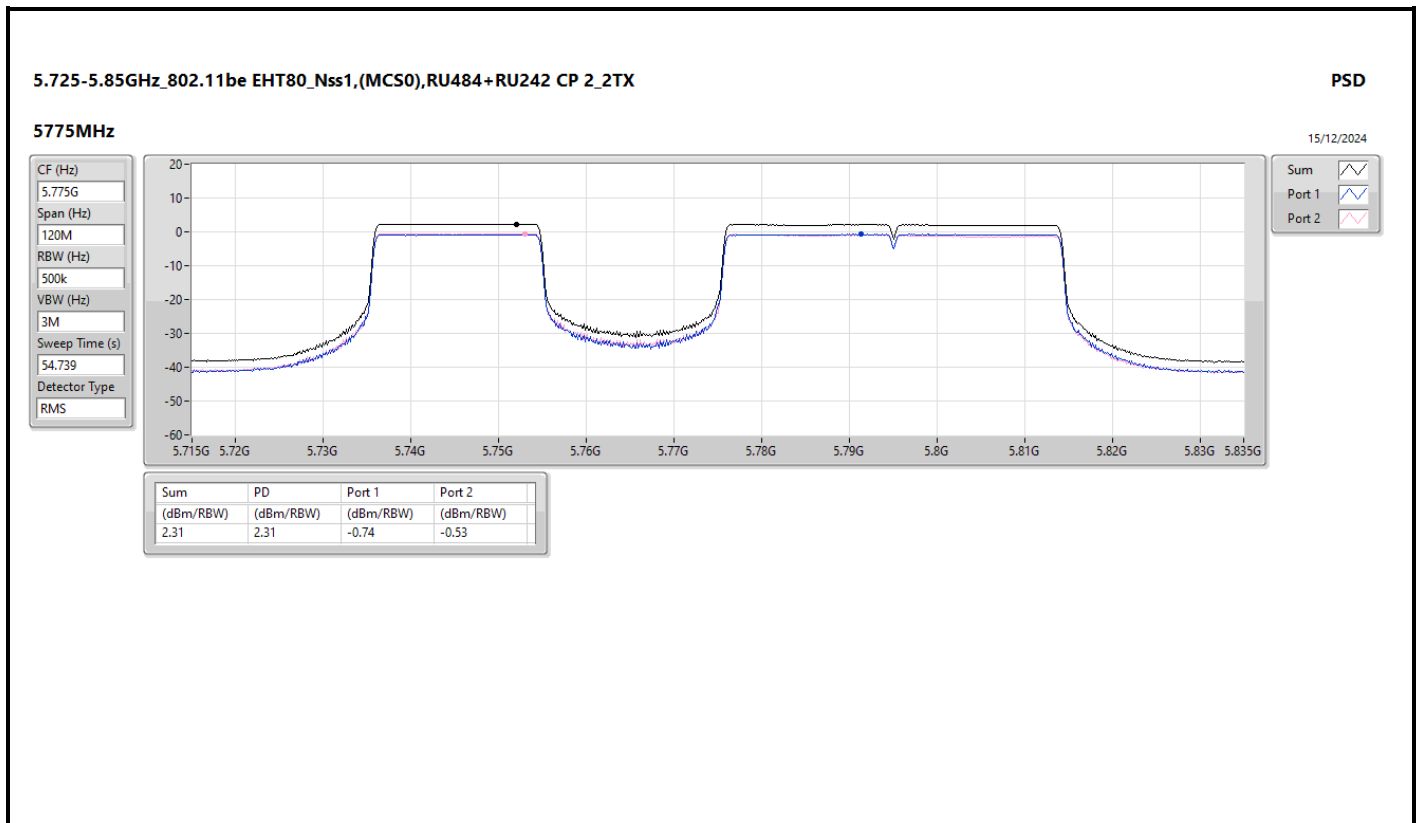
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



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 2_2TX	-	-	-	-	-	-
5775MHz	Pass	6.98	-0.74	-0.53	2.31	29.02

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.





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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	30M	34.44	40.00	-5.56	3	Vertical	360	1.00



RSE TX below 1GHz Non-Beamforming Radio 2_1T1S_Full RU Appendix E.1

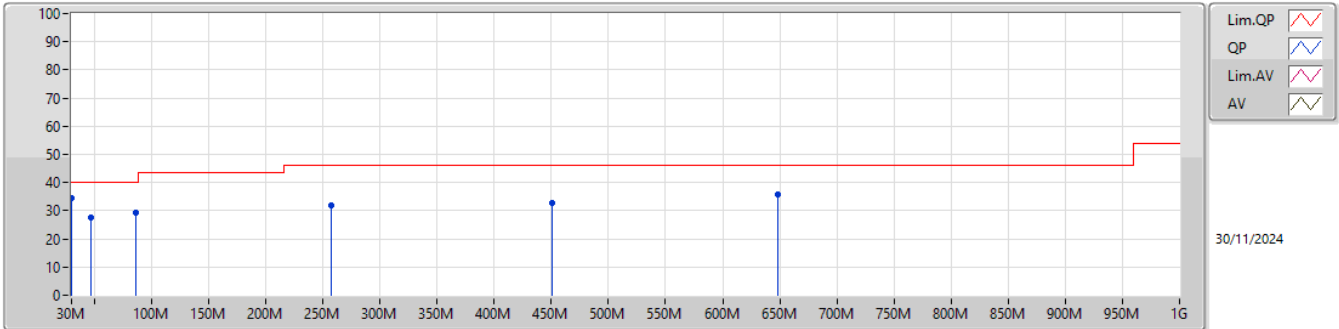
Result

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	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	34.44	40.00	-5.56	3	Vertical	360	1.00
5775MHz	Pass	PK	47.46M	27.71	40.00	-12.29	3	Vertical	360	1.00
5775MHz	Pass	PK	86.26M	29.30	40.00	-10.70	3	Vertical	360	1.00
5775MHz	Pass	PK	256.98M	32.11	46.00	-13.89	3	Vertical	360	1.00
5775MHz	Pass	PK	450.98M	32.83	46.00	-13.17	3	Vertical	360	1.00
5775MHz	Pass	PK	648.86M	35.86	46.00	-10.14	3	Vertical	360	1.00
5775MHz	Pass	PK	30M	25.00	40.00	-15.00	3	Horizontal	0	1.00
5775MHz	Pass	PK	167.74M	29.12	43.50	-14.38	3	Horizontal	0	1.00
5775MHz	Pass	PK	216M	28.73	46.00	-17.27	3	Horizontal	0	1.00
5775MHz	Pass	PK	276.38M	34.96	46.00	-11.04	3	Horizontal	0	1.00
5775MHz	Pass	PK	317.12M	33.55	46.00	-12.45	3	Horizontal	0	1.00
5775MHz	Pass	PK	635.28M	33.58	46.00	-12.42	3	Horizontal	0	1.00



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

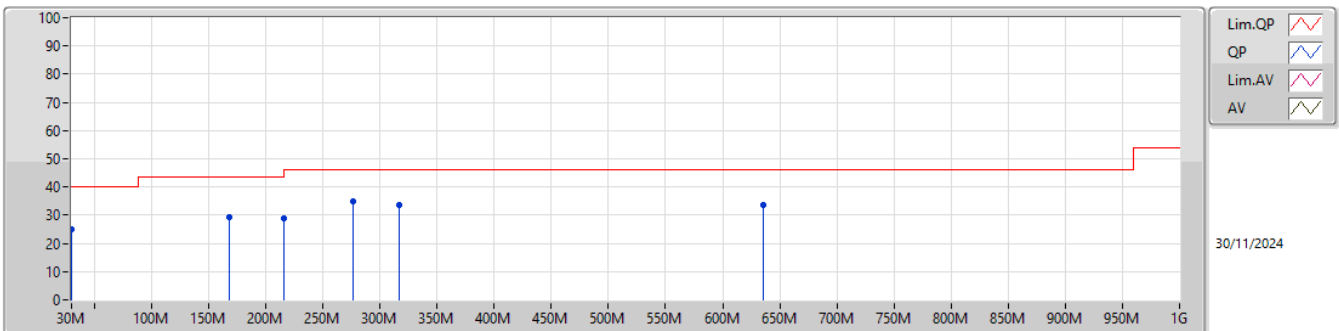
5775MHz_PoE



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	34.44	40.00	-5.56	-3.00	3	Vertical	360	1.00	37.44	24.27	0.24	27.51				
PK	47.46M	27.71	40.00	-12.29	-11.77	3	Vertical	360	1.00	39.48	15.19	0.40	27.36				
PK	86.26M	29.30	40.00	-10.70	-12.13	3	Vertical	360	1.00	41.43	14.35	0.85	27.33				
PK	256.98M	32.11	46.00	-13.89	-5.12	3	Vertical	360	1.00	37.23	19.44	2.17	26.73				
PK	450.98M	32.83	46.00	-13.17	-1.98	3	Vertical	360	1.00	34.81	22.97	2.91	27.86				
PK	648.86M	35.86	46.00	-10.14	0.67	3	Vertical	360	1.00	35.19	25.10	3.78	28.21				

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5775MHz_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	25.00	40.00	-15.00	-3.00	3	Horizontal	0	1.00	28.00	24.27	0.24	27.51				
PK	167.74M	29.12	43.50	-14.38	-9.40	3	Horizontal	0	1.00	38.52	15.88	1.80	27.08				
PK	216M	28.73	46.00	-17.27	-9.85	3	Horizontal	0	1.00	38.58	14.96	2.07	26.88				
PK	276.38M	34.96	46.00	-11.04	-5.57	3	Horizontal	0	1.00	40.53	18.95	2.20	26.72				
PK	317.12M	33.55	46.00	-12.45	-4.76	3	Horizontal	0	1.00	38.31	19.73	2.33	26.82				
PK	635.28M	33.58	46.00	-12.42	0.53	3	Horizontal	0	1.00	33.05	25.03	3.72	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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	6.08379G	60.44	68.20	-7.76	3	Vertical	27	2.44
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	AV	5.4582G	45.86	54.00	-8.14	3	Vertical	25	2.37
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	PK	6.0086G	59.90	68.20	-8.30	3	Vertical	25	2.24
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	5.6478G	59.75	68.20	-8.45	3	Vertical	27	2.42



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

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	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.4594G	45.80	54.00	-8.20	3	Vertical	23	2.39
5745MHz	Pass	AV	5.7378G	105.55	Inf	-Inf	3	Vertical	23	2.39
5745MHz	Pass	PK	5.625G	59.58	68.20	-8.62	3	Vertical	23	2.39
5745MHz	Pass	PK	5.739G	115.38	Inf	-Inf	3	Vertical	23	2.39
5745MHz	Pass	PK	6.0114G	59.68	68.20	-8.52	3	Vertical	23	2.39
5745MHz	Pass	AV	5.4594G	45.61	54.00	-8.39	3	Horizontal	24	2.25
5745MHz	Pass	AV	5.7378G	102.64	Inf	-Inf	3	Horizontal	24	2.25
5745MHz	Pass	PK	5.5386G	59.15	68.20	-9.05	3	Horizontal	24	2.25
5745MHz	Pass	PK	5.7378G	112.11	Inf	-Inf	3	Horizontal	24	2.25
5745MHz	Pass	PK	6.0102G	59.62	68.20	-8.58	3	Horizontal	24	2.25
5745MHz	Pass	AV	11.49024G	41.14	54.00	-12.86	3	Vertical	154	1.50
5745MHz	Pass	PK	11.48682G	55.13	74.00	-18.87	3	Vertical	154	1.50
5745MHz	Pass	AV	11.49024G	41.18	54.00	-12.82	3	Horizontal	70	1.50
5745MHz	Pass	PK	11.49804G	55.08	74.00	-18.92	3	Horizontal	70	1.50
5785MHz	Pass	AV	5.77887G	104.46	Inf	-Inf	3	Vertical	27	2.44
5785MHz	Pass	PK	5.61189G	59.56	68.20	-8.64	3	Vertical	27	2.44
5785MHz	Pass	PK	5.77766G	114.58	Inf	-Inf	3	Vertical	27	2.44
5785MHz	Pass	PK	6.08379G	60.44	68.20	-7.76	3	Vertical	27	2.44
5785MHz	Pass	AV	5.77766G	99.90	Inf	-Inf	3	Horizontal	30	2.28
5785MHz	Pass	PK	5.63246G	59.47	68.20	-8.73	3	Horizontal	30	2.28
5785MHz	Pass	PK	5.79097G	110.38	Inf	-Inf	3	Horizontal	30	2.28
5785MHz	Pass	PK	6.02571G	59.66	68.20	-8.54	3	Horizontal	30	2.28
5785MHz	Pass	AV	11.56922G	40.52	54.00	-13.48	3	Vertical	114	1.50
5785MHz	Pass	PK	11.5646G	55.59	74.00	-18.41	3	Vertical	114	1.50
5785MHz	Pass	AV	11.56634G	40.45	54.00	-13.55	3	Horizontal	262	1.50
5785MHz	Pass	PK	11.5643G	54.33	74.00	-19.67	3	Horizontal	262	1.50
5825MHz	Pass	AV	5.8262G	104.54	Inf	-Inf	3	Vertical	26	2.18
5825MHz	Pass	PK	5.5502G	59.02	68.20	-9.18	3	Vertical	26	2.18
5825MHz	Pass	PK	5.8178G	114.64	Inf	-Inf	3	Vertical	26	2.18
5825MHz	Pass	PK	5.9366G	59.77	68.20	-8.43	3	Vertical	26	2.18
5825MHz	Pass	AV	5.8298G	100.53	Inf	-Inf	3	Horizontal	25	2.23
5825MHz	Pass	PK	5.5298G	59.27	68.20	-8.93	3	Horizontal	25	2.23
5825MHz	Pass	PK	5.831G	110.63	Inf	-Inf	3	Horizontal	25	2.23
5825MHz	Pass	PK	6.077G	59.83	68.20	-8.37	3	Horizontal	25	2.23
5825MHz	Pass	AV	11.66422G	40.90	54.00	-13.10	3	Vertical	70	1.92
5825MHz	Pass	PK	11.64244G	54.44	74.00	-19.56	3	Vertical	70	1.92
5825MHz	Pass	AV	11.66452G	40.90	54.00	-13.10	3	Horizontal	278	1.50
5825MHz	Pass	PK	11.65012G	55.03	74.00	-18.97	3	Horizontal	278	1.50
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.4582G	45.86	54.00	-8.14	3	Vertical	25	2.37
5745MHz	Pass	AV	5.7366G	105.67	Inf	-Inf	3	Vertical	25	2.37
5745MHz	Pass	PK	5.6502G	59.93	68.35	-8.42	3	Vertical	25	2.37
5745MHz	Pass	PK	5.7498G	117.94	Inf	-Inf	3	Vertical	25	2.37
5745MHz	Pass	PK	5.9298G	59.25	68.20	-8.95	3	Vertical	25	2.37
5745MHz	Pass	AV	5.4558G	45.65	54.00	-8.35	3	Horizontal	24	2.24
5745MHz	Pass	AV	5.7366G	102.35	Inf	-Inf	3	Horizontal	24	2.24
5745MHz	Pass	PK	5.5326G	58.81	68.20	-9.39	3	Horizontal	24	2.24
5745MHz	Pass	PK	5.7378G	115.00	Inf	-Inf	3	Horizontal	24	2.24
5745MHz	Pass	PK	6.033G	59.35	68.20	-8.85	3	Horizontal	24	2.24
5745MHz	Pass	AV	11.49522G	41.26	54.00	-12.74	3	Vertical	0	1.28
5745MHz	Pass	PK	11.4912G	54.85	74.00	-19.15	3	Vertical	0	1.28
5745MHz	Pass	AV	11.49306G	41.29	54.00	-12.71	3	Horizontal	330	1.50
5745MHz	Pass	PK	11.48724G	54.89	74.00	-19.11	3	Horizontal	330	1.50
5785MHz	Pass	AV	5.77645G	104.12	Inf	-Inf	3	Vertical	26	2.32
5785MHz	Pass	PK	5.62883G	58.92	68.20	-9.28	3	Vertical	26	2.32
5785MHz	Pass	PK	5.77645G	117.02	Inf	-Inf	3	Vertical	26	2.32
5785MHz	Pass	PK	5.99788G	59.88	68.20	-8.32	3	Vertical	26	2.32
5785MHz	Pass	AV	5.79097G	99.42	Inf	-Inf	3	Horizontal	42	2.28
5785MHz	Pass	PK	5.49815G	58.68	68.20	-9.52	3	Horizontal	42	2.28
5785MHz	Pass	PK	5.78734G	112.54	Inf	-Inf	3	Horizontal	42	2.28



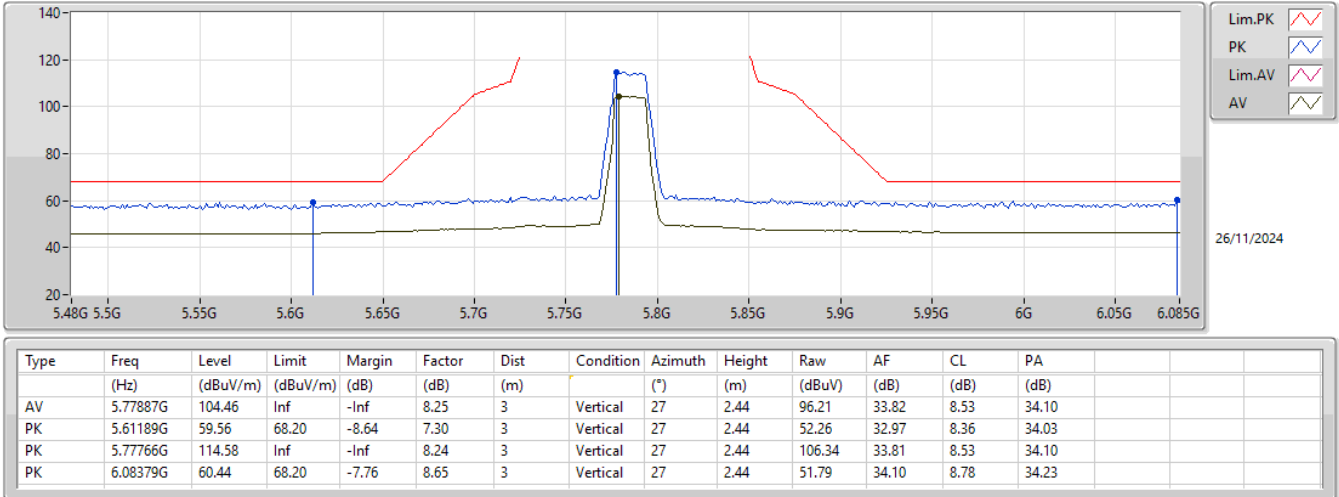
RSE TX above 1GHz Non-Beamforming Radio 2 1T1S Full RU Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	6.0608G	59.41	68.20	-8.79	3	Horizontal	42	2.28
5785MHz	Pass	AV	11.5664G	40.62	54.00	-13.38	3	Vertical	133	1.50
5785MHz	Pass	PK	11.56976G	53.92	74.00	-20.08	3	Vertical	133	1.50
5785MHz	Pass	AV	11.57156G	40.71	54.00	-13.29	3	Horizontal	87	1.69
5785MHz	Pass	PK	11.57612G	54.36	74.00	-19.64	3	Horizontal	87	1.69
5825MHz	Pass	AV	5.8214G	103.98	Inf	-Inf	3	Vertical	27	2.18
5825MHz	Pass	PK	5.6366G	59.16	68.20	-9.04	3	Vertical	27	2.18
5825MHz	Pass	PK	5.8178G	115.91	Inf	-Inf	3	Vertical	27	2.18
5825MHz	Pass	PK	5.9546G	60.00	68.20	-8.20	3	Vertical	27	2.18
5825MHz	Pass	AV	5.8322G	100.21	Inf	-Inf	3	Horizontal	25	2.24
5825MHz	Pass	PK	5.6162G	58.80	68.20	-9.40	3	Horizontal	25	2.24
5825MHz	Pass	PK	5.8322G	113.68	Inf	-Inf	3	Horizontal	25	2.24
5825MHz	Pass	PK	5.9858G	59.88	68.20	-8.32	3	Horizontal	25	2.24
5825MHz	Pass	AV	11.66464G	41.11	54.00	-12.89	3	Vertical	298	1.01
5825MHz	Pass	PK	11.6578G	54.68	74.00	-19.32	3	Vertical	298	1.01
5825MHz	Pass	AV	11.66434G	41.05	54.00	-12.95	3	Horizontal	37	1.50
5825MHz	Pass	PK	11.65552G	54.79	74.00	-19.21	3	Horizontal	37	1.50
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.4586G	44.93	54.00	-9.07	3	Vertical	27	2.37
5755MHz	Pass	AV	5.7382G	99.89	Inf	-Inf	3	Vertical	27	2.37
5755MHz	Pass	PK	5.6482G	58.97	68.20	-9.23	3	Vertical	27	2.37
5755MHz	Pass	PK	5.7382G	113.36	Inf	-Inf	3	Vertical	27	2.37
5755MHz	Pass	PK	5.9962G	59.32	68.20	-8.88	3	Vertical	27	2.37
5755MHz	Pass	AV	5.4598G	44.74	54.00	-9.26	3	Horizontal	25	2.44
5755MHz	Pass	AV	5.7382G	96.96	Inf	-Inf	3	Horizontal	25	2.44
5755MHz	Pass	PK	5.6494G	59.06	68.20	-9.14	3	Horizontal	25	2.44
5755MHz	Pass	PK	5.737G	110.94	Inf	-Inf	3	Horizontal	25	2.44
5755MHz	Pass	PK	5.9818G	58.83	68.20	-9.37	3	Horizontal	25	2.44
5755MHz	Pass	AV	11.49044G	41.23	54.00	-12.77	3	Vertical	258	1.50
5755MHz	Pass	PK	11.53052G	54.69	74.00	-19.31	3	Vertical	258	1.50
5755MHz	Pass	AV	11.49272G	41.33	54.00	-12.67	3	Horizontal	34	1.50
5755MHz	Pass	PK	11.52524G	54.71	74.00	-19.29	3	Horizontal	34	1.50
5795MHz	Pass	AV	5.777G	98.45	Inf	-Inf	3	Vertical	25	2.24
5795MHz	Pass	PK	5.6498G	58.48	68.20	-9.72	3	Vertical	25	2.24
5795MHz	Pass	PK	5.777G	110.79	Inf	-Inf	3	Vertical	25	2.24
5795MHz	Pass	PK	6.0086G	59.90	68.20	-8.30	3	Vertical	25	2.24
5795MHz	Pass	AV	5.777G	95.56	Inf	-Inf	3	Horizontal	24	2.54
5795MHz	Pass	PK	5.6354G	58.71	68.20	-9.49	3	Horizontal	24	2.54
5795MHz	Pass	PK	5.7782G	108.28	Inf	-Inf	3	Horizontal	24	2.54
5795MHz	Pass	PK	6.0878G	59.25	68.20	-8.95	3	Horizontal	24	2.54
5795MHz	Pass	AV	11.5666G	40.67	54.00	-13.33	3	Vertical	360	1.50
5795MHz	Pass	PK	11.6062G	54.40	74.00	-19.60	3	Vertical	360	1.50
5795MHz	Pass	AV	11.56408G	40.67	54.00	-13.33	3	Horizontal	74	1.48
5795MHz	Pass	PK	11.60068G	54.11	74.00	-19.89	3	Horizontal	74	1.48
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7606G	96.30	Inf	-Inf	3	Vertical	27	2.42
5775MHz	Pass	PK	5.6478G	59.75	68.20	-8.45	3	Vertical	27	2.42
5775MHz	Pass	PK	5.7378G	109.66	Inf	-Inf	3	Vertical	27	2.42
5775MHz	Pass	PK	5.9742G	59.44	68.20	-8.76	3	Vertical	27	2.42
5775MHz	Pass	AV	5.7378G	93.32	Inf	-Inf	3	Horizontal	24	2.44
5775MHz	Pass	PK	5.6178G	58.56	68.20	-9.64	3	Horizontal	24	2.44
5775MHz	Pass	PK	5.7666G	105.80	Inf	-Inf	3	Horizontal	24	2.44
5775MHz	Pass	PK	6.0426G	59.01	68.20	-9.19	3	Horizontal	24	2.44
5775MHz	Pass	AV	11.49288G	41.64	54.00	-12.36	3	Vertical	15	1.50
5775MHz	Pass	PK	11.52216G	54.54	74.00	-19.46	3	Vertical	15	1.50
5775MHz	Pass	AV	11.49504G	41.64	54.00	-12.36	3	Horizontal	14	1.25
5775MHz	Pass	PK	11.49888G	55.85	74.00	-18.15	3	Horizontal	14	1.25



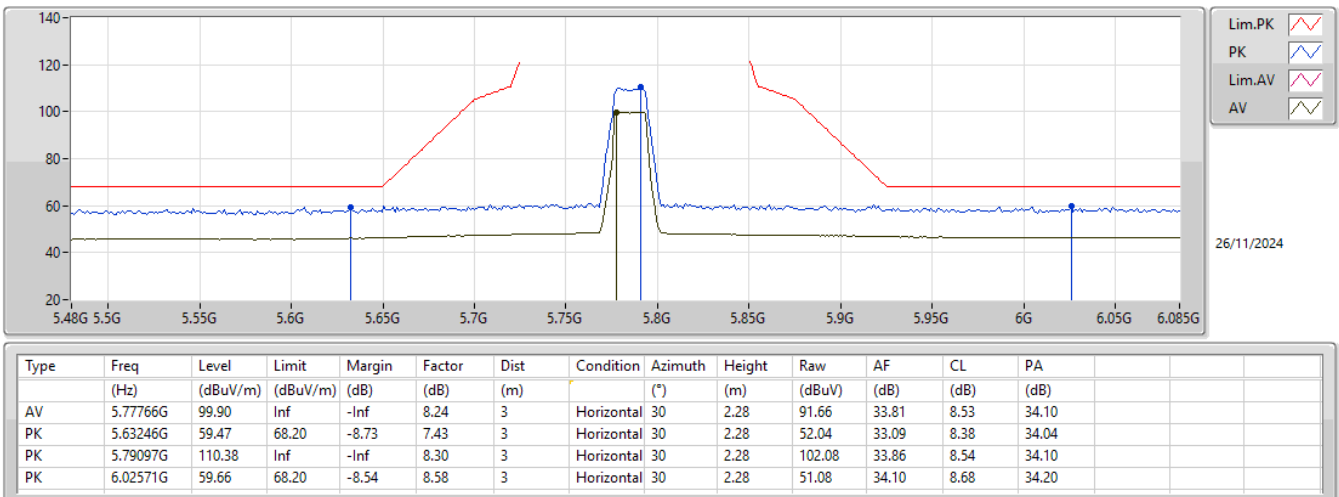
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

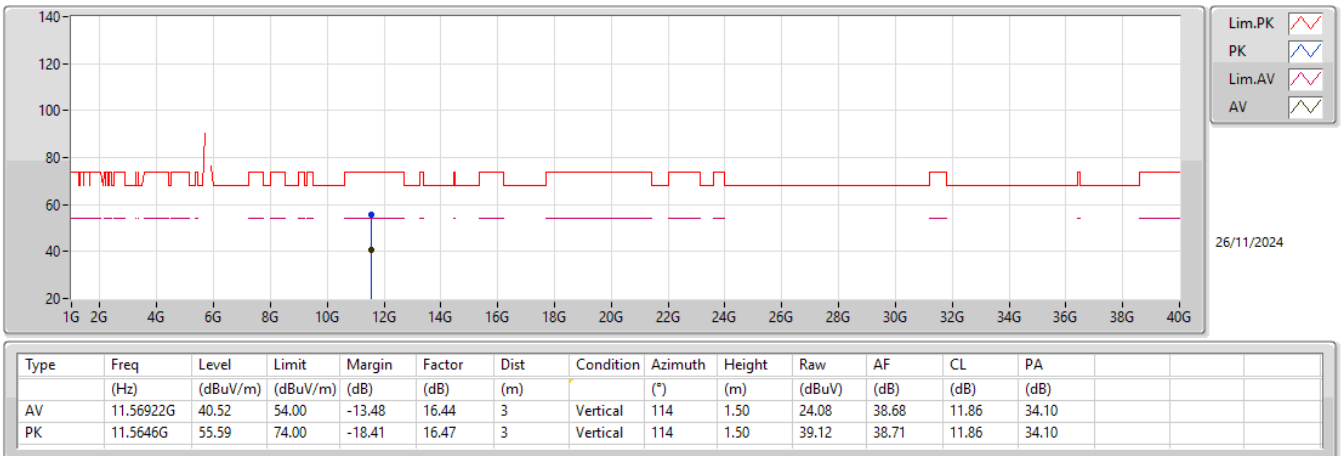
5785MHz_TX





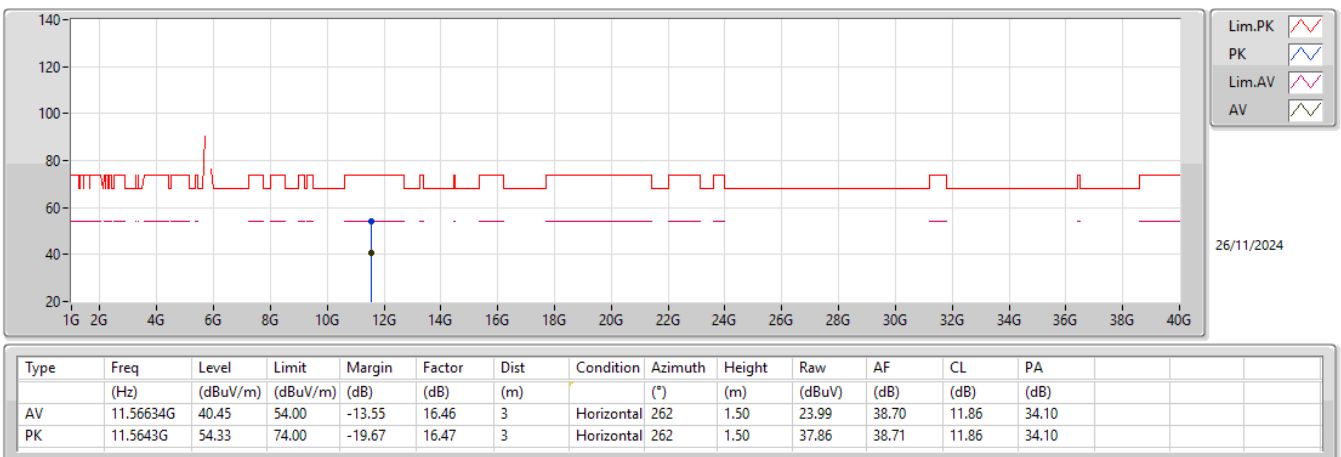
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

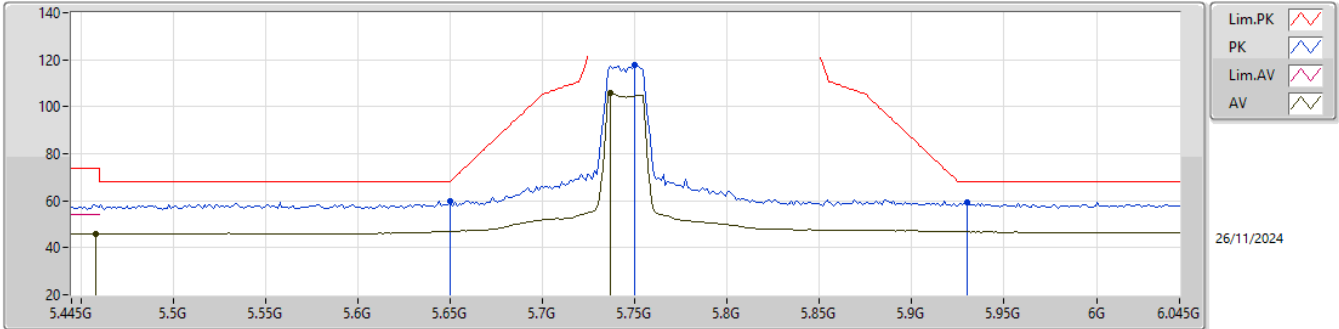




RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

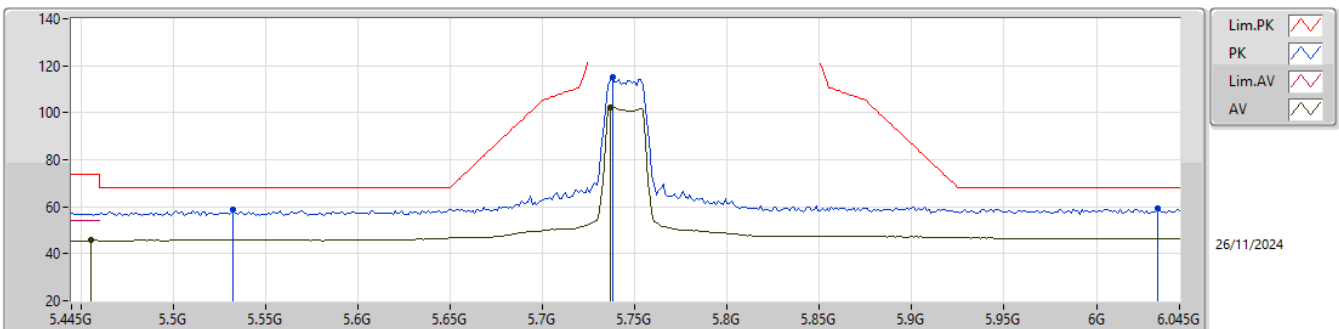
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4582G	45.86	54.00	-8.14	7.12	3	Vertical	25	2.37	38.74	32.83	8.27	33.98				
AV	5.7366G	105.67	Inf	-Inf	8.08	3	Vertical	25	2.37	97.59	33.67	8.49	34.08				
PK	5.6502G	59.93	68.35	-8.42	7.56	3	Vertical	25	2.37	52.37	33.20	8.40	34.04				
PK	5.7498G	117.94	Inf	-Inf	8.12	3	Vertical	25	2.37	109.82	33.70	8.50	34.08				
PK	5.9298G	59.25	68.20	-8.95	8.59	3	Vertical	25	2.37	50.66	34.14	8.61	34.16				

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5745MHz_TX

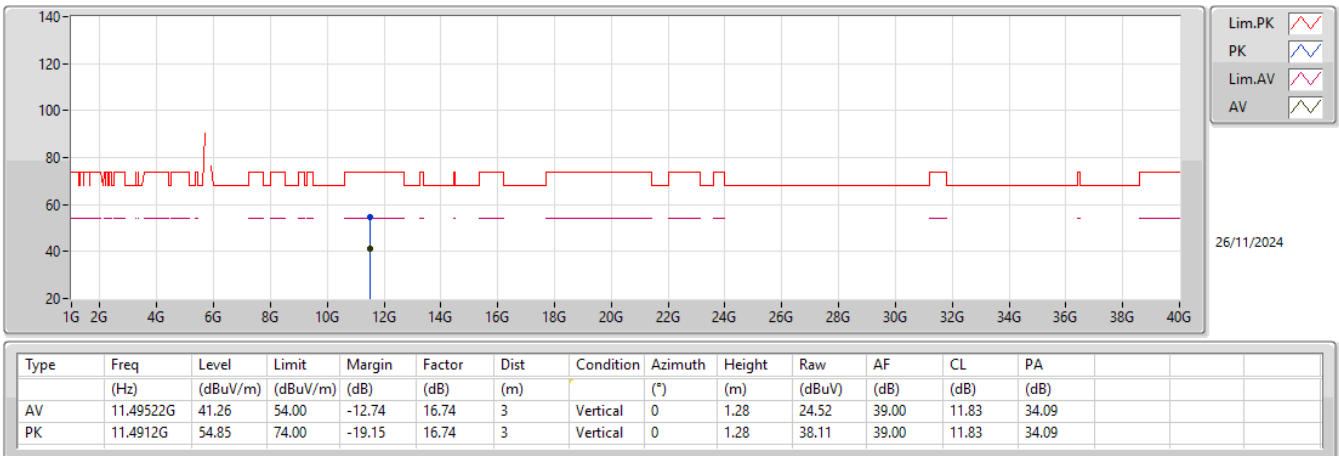


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4558G	45.65	54.00	-8.35	7.11	3	Horizontal	24	2.24	38.54	32.82	8.27	33.98				
AV	5.7366G	102.35	Inf	-Inf	8.08	3	Horizontal	24	2.24	94.27	33.67	8.49	34.08				
PK	5.5326G	58.81	68.20	-9.39	7.25	3	Horizontal	24	2.24	51.56	32.93	8.31	33.99				
PK	5.7378G	115.00	Inf	-Inf	8.09	3	Horizontal	24	2.24	106.91	33.68	8.49	34.08				
PK	6.033G	59.35	68.20	-8.85	8.58	3	Horizontal	24	2.24	50.77	34.10	8.69	34.21				



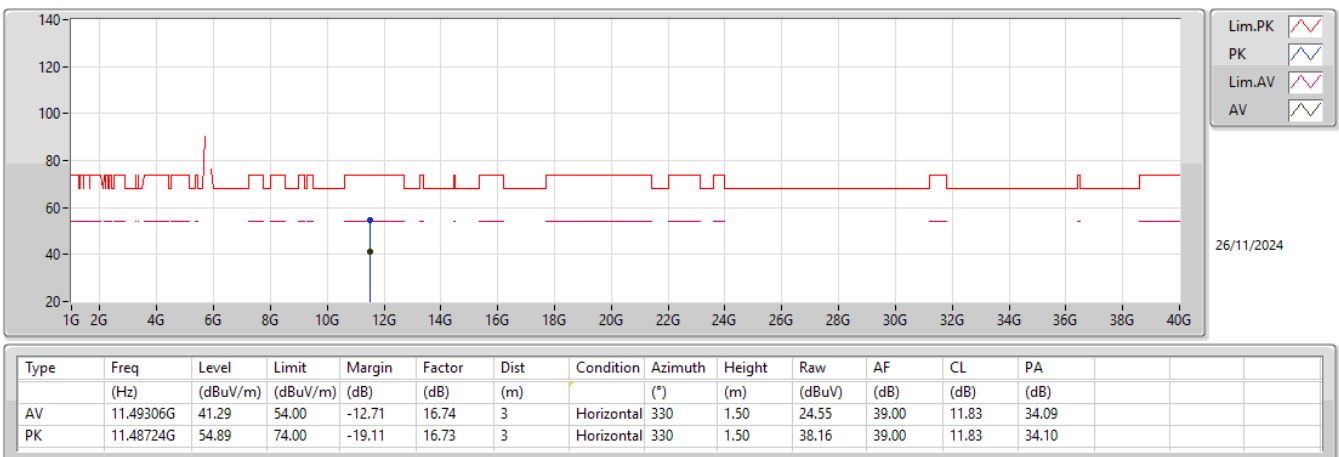
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5745MHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5745MHz_TX

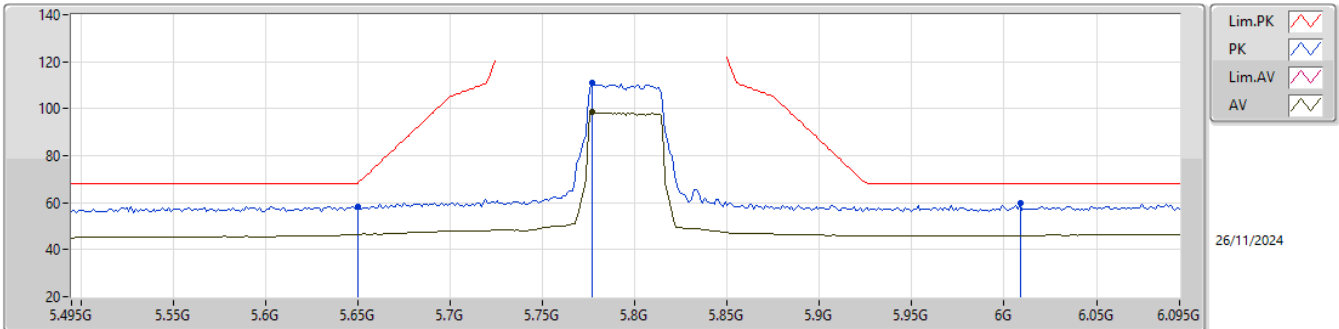




RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

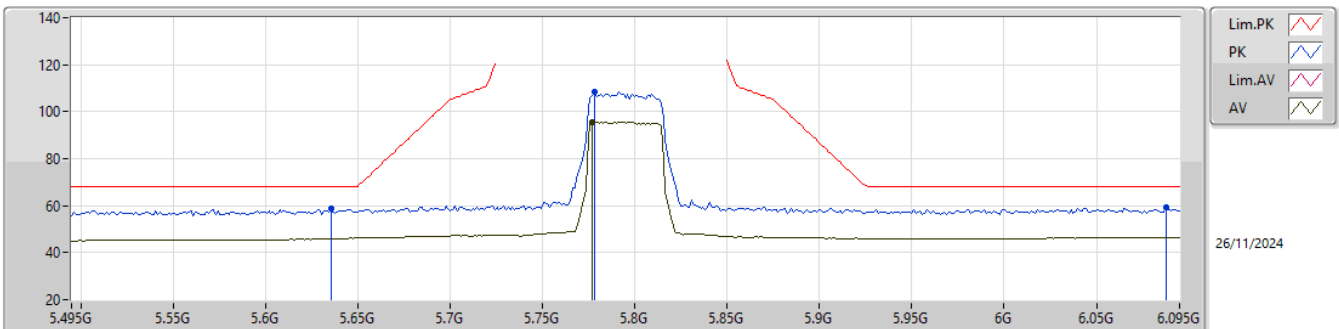
5795MHz_TX



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	5.777G	98.45	Inf	-Inf	8.24	3	Vertical	25	2.24	90.21	33.81	8.53	34.10
PK	5.6498G	58.48	68.20	-9.72	7.56	3	Vertical	25	2.24	50.92	33.20	8.40	34.04
PK	5.777G	110.79	Inf	-Inf	8.24	3	Vertical	25	2.24	102.55	33.81	8.53	34.10
PK	6.0086G	59.90	68.20	-8.30	8.56	3	Vertical	25	2.24	51.34	34.10	8.65	34.19

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5795MHz_TX

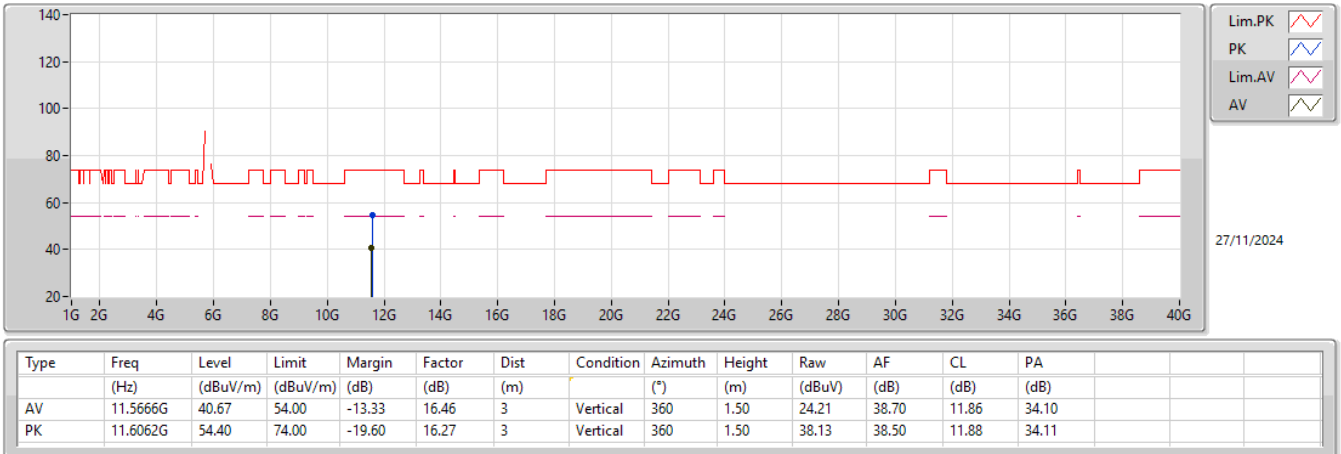


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.777G	95.56	Inf	-Inf	8.24	3	Horizontal	24	2.54	87.32	33.81	8.53	34.10
PK	5.6354G	58.71	68.20	-9.49	7.46	3	Horizontal	24	2.54	51.25	33.11	8.39	34.04
PK	5.7782G	108.28	Inf	-Inf	8.24	3	Horizontal	24	2.54	100.04	33.81	8.53	34.10
PK	6.0878G	59.25	68.20	-8.95	8.65	3	Horizontal	24	2.54	50.60	34.10	8.78	34.23



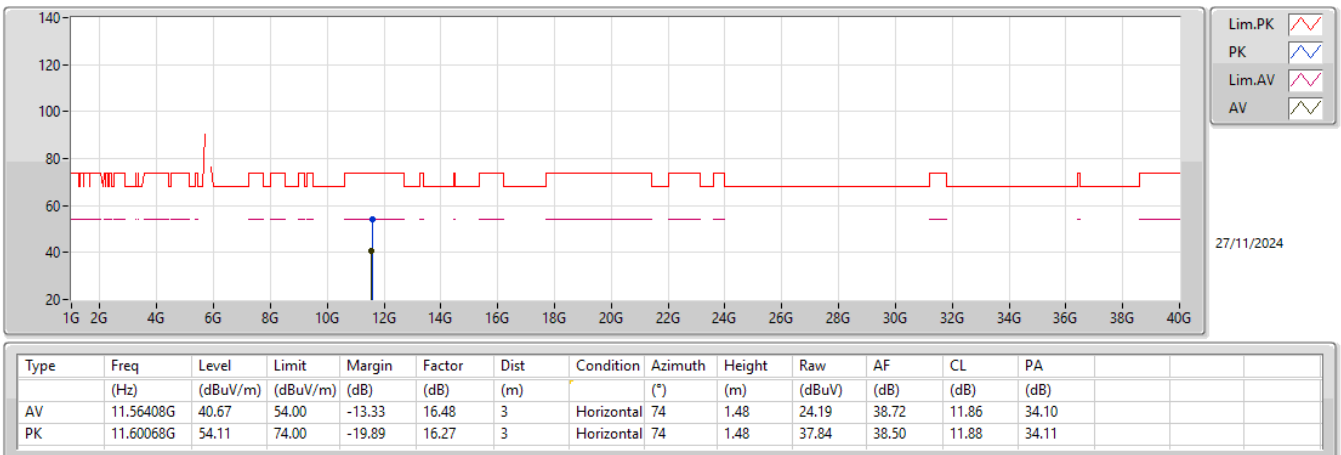
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5795MHz_TX



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5795MHz_TX

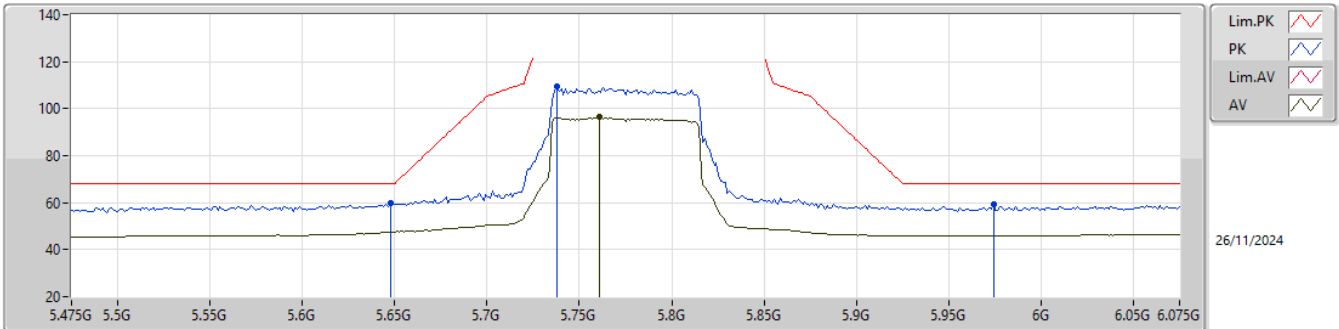




RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

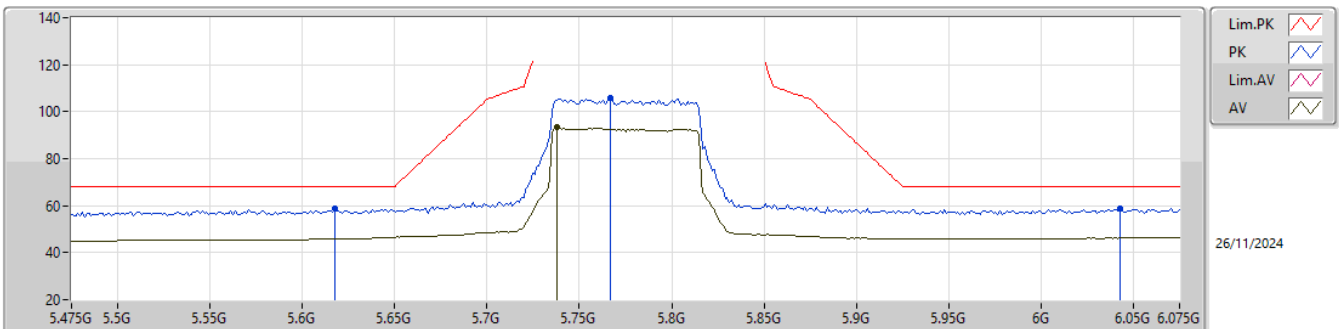
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7606G	96.30	Inf	-Inf	8.16	3	Vertical	27	2.42	88.14	33.74	8.51	34.09
PK	5.6478G	59.75	68.20	-8.45	7.55	3	Vertical	27	2.42	52.20	33.19	8.40	34.04
PK	5.7378G	109.66	Inf	-Inf	8.09	3	Vertical	27	2.42	101.57	33.68	8.49	34.08
PK	5.9742G	59.44	68.20	-8.76	8.55	3	Vertical	27	2.42	50.89	34.10	8.63	34.18

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5775MHz_TX

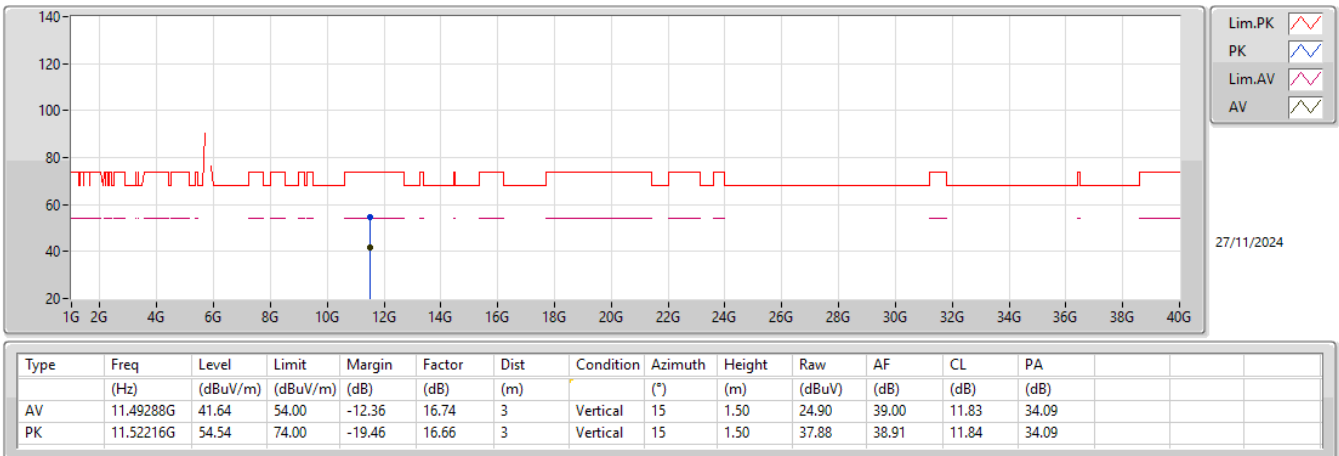


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7378G	93.32	Inf	-Inf	8.09	3	Horizontal	24	2.44	85.23	33.68	8.49	34.08
PK	5.6178G	58.56	68.20	-9.64	7.35	3	Horizontal	24	2.44	51.21	33.01	8.37	34.03
PK	5.7666G	105.80	Inf	-Inf	8.20	3	Horizontal	24	2.44	97.60	33.77	8.52	34.09
PK	6.0426G	59.01	68.20	-9.19	8.60	3	Horizontal	24	2.44	50.41	34.10	8.71	34.21



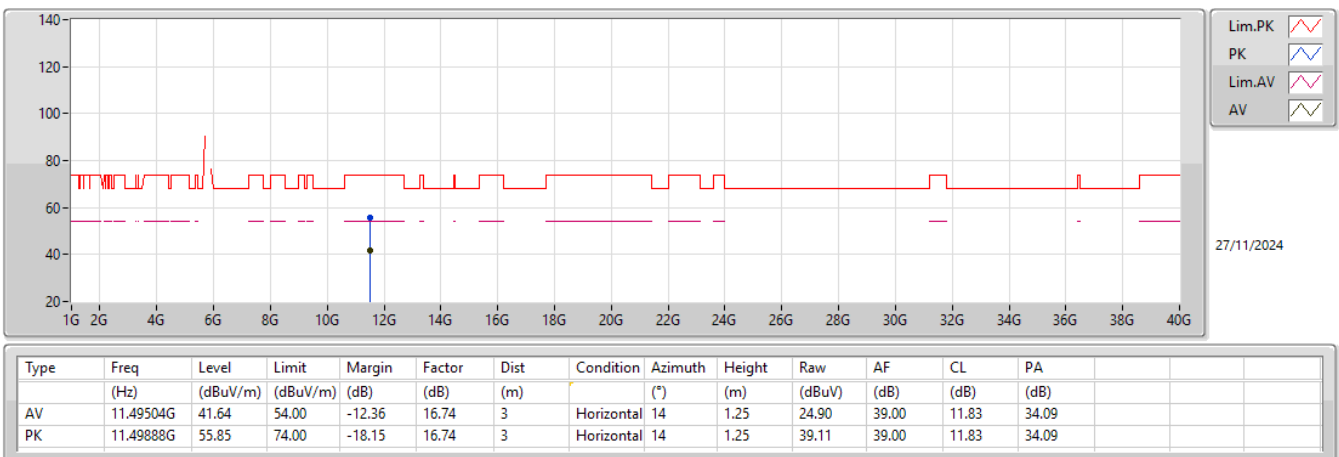
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5775MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5775MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	30M	34.44	40.00	-5.56	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.3

Result

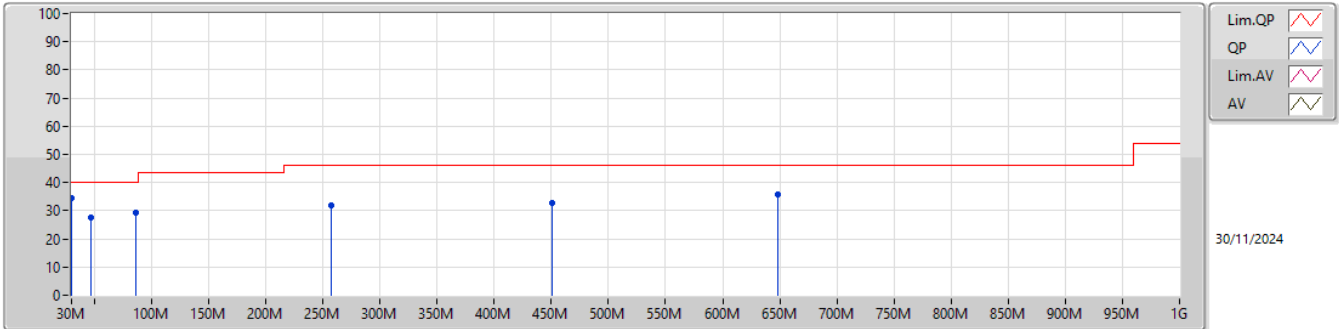
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	34.44	40.00	-5.56	3	Vertical	360	1.00
5775MHz	Pass	PK	47.46M	27.71	40.00	-12.29	3	Vertical	360	1.00
5775MHz	Pass	PK	86.26M	29.30	40.00	-10.70	3	Vertical	360	1.00
5775MHz	Pass	PK	256.98M	32.11	46.00	-13.89	3	Vertical	360	1.00
5775MHz	Pass	PK	450.98M	32.83	46.00	-13.17	3	Vertical	360	1.00
5775MHz	Pass	PK	648.86M	35.86	46.00	-10.14	3	Vertical	360	1.00
5775MHz	Pass	PK	30M	25.00	40.00	-15.00	3	Horizontal	0	1.00
5775MHz	Pass	PK	167.74M	29.12	43.50	-14.38	3	Horizontal	0	1.00
5775MHz	Pass	PK	216M	28.73	46.00	-17.27	3	Horizontal	0	1.00
5775MHz	Pass	PK	276.38M	34.96	46.00	-11.04	3	Horizontal	0	1.00
5775MHz	Pass	PK	317.12M	33.55	46.00	-12.45	3	Horizontal	0	1.00
5775MHz	Pass	PK	635.28M	33.58	46.00	-12.42	3	Horizontal	0	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.3

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

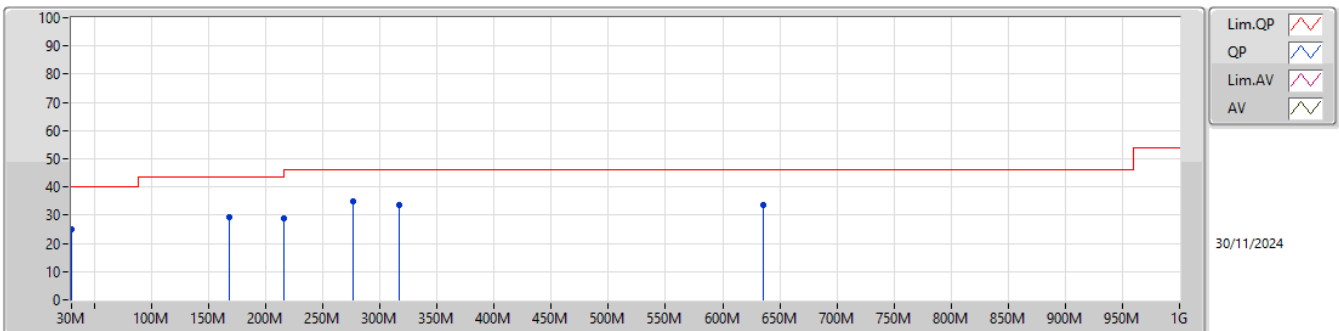
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	34.44	40.00	-5.56	-3.00	3	Vertical	360	1.00	37.44	24.27	0.24	27.51
PK	47.46M	27.71	40.00	-12.29	-11.77	3	Vertical	360	1.00	39.48	15.19	0.40	27.36
PK	86.26M	29.30	40.00	-10.70	-12.13	3	Vertical	360	1.00	41.43	14.35	0.85	27.33
PK	256.98M	32.11	46.00	-13.89	-5.12	3	Vertical	360	1.00	37.23	19.44	2.17	26.73
PK	450.98M	32.83	46.00	-13.17	-1.98	3	Vertical	360	1.00	34.81	22.97	2.91	27.86
PK	648.86M	35.86	46.00	-10.14	0.67	3	Vertical	360	1.00	35.19	25.10	3.78	28.21

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	25.00	40.00	-15.00	-3.00	3	Horizontal	0	1.00	28.00	24.27	0.24	27.51
PK	167.74M	29.12	43.50	-14.38	-9.40	3	Horizontal	0	1.00	38.52	15.88	1.80	27.08
PK	216M	28.73	46.00	-17.27	-9.85	3	Horizontal	0	1.00	38.58	14.96	2.07	26.88
PK	276.38M	34.96	46.00	-11.04	-5.57	3	Horizontal	0	1.00	40.53	18.95	2.20	26.72
PK	317.12M	33.55	46.00	-12.45	-4.76	3	Horizontal	0	1.00	38.31	19.73	2.33	26.82
PK	635.28M	33.58	46.00	-12.42	0.53	3	Horizontal	0	1.00	33.05	25.03	3.72	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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	Pass	PK	5.6454G	60.84	68.20	-7.36	3	Vertical	27	2.44



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

Result

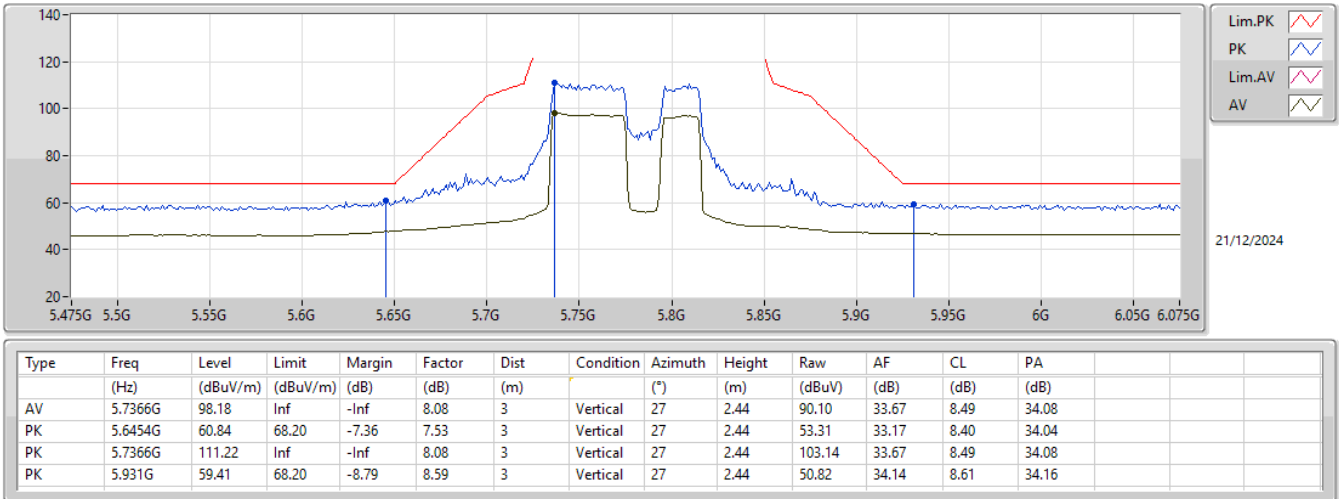
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7366G	98.18	Inf	-Inf	3	Vertical	27	2.44
5775MHz	Pass	PK	5.6454G	60.84	68.20	-7.36	3	Vertical	27	2.44
5775MHz	Pass	PK	5.7366G	111.22	Inf	-Inf	3	Vertical	27	2.44
5775MHz	Pass	PK	5.931G	59.41	68.20	-8.79	3	Vertical	27	2.44
5775MHz	Pass	AV	5.7594G	93.35	Inf	-Inf	3	Horizontal	23	2.37
5775MHz	Pass	PK	5.637G	59.22	68.20	-8.98	3	Horizontal	23	2.37
5775MHz	Pass	PK	5.7978G	106.07	Inf	-Inf	3	Horizontal	23	2.37
5775MHz	Pass	PK	5.9958G	60.32	68.20	-7.88	3	Horizontal	23	2.37
5775MHz	Pass	AV	11.49768G	42.27	54.00	-11.73	3	Vertical	122	1.50
5775MHz	Pass	PK	11.49048G	55.44	74.00	-18.56	3	Vertical	122	1.50
5775MHz	Pass	AV	11.49792G	42.22	54.00	-11.78	3	Horizontal	283	1.50
5775MHz	Pass	PK	11.52792G	56.24	74.00	-17.76	3	Horizontal	283	1.50



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

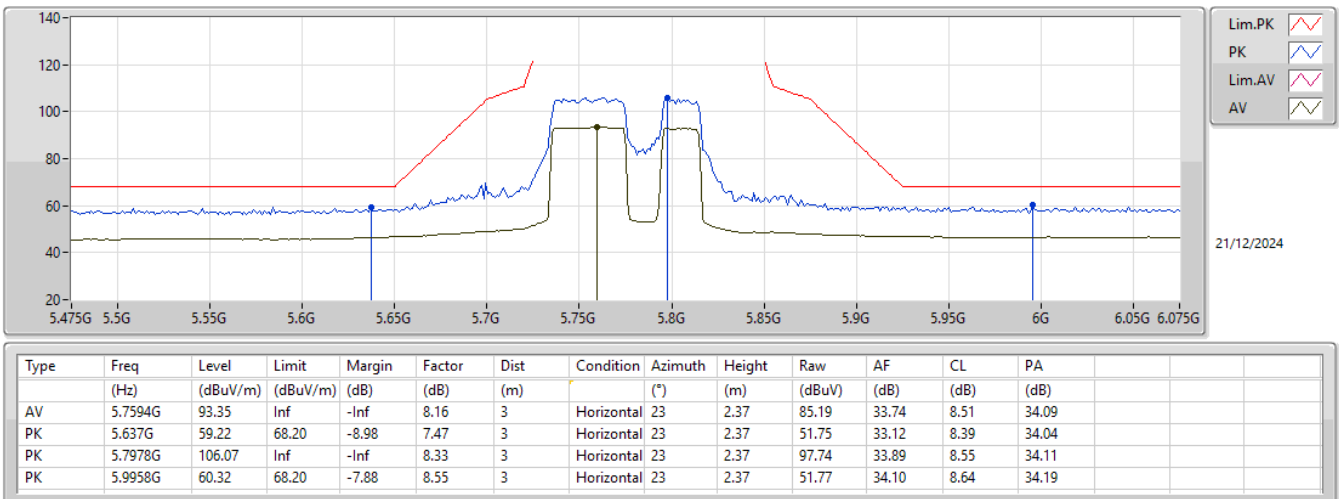
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5775MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5775MHz_TX

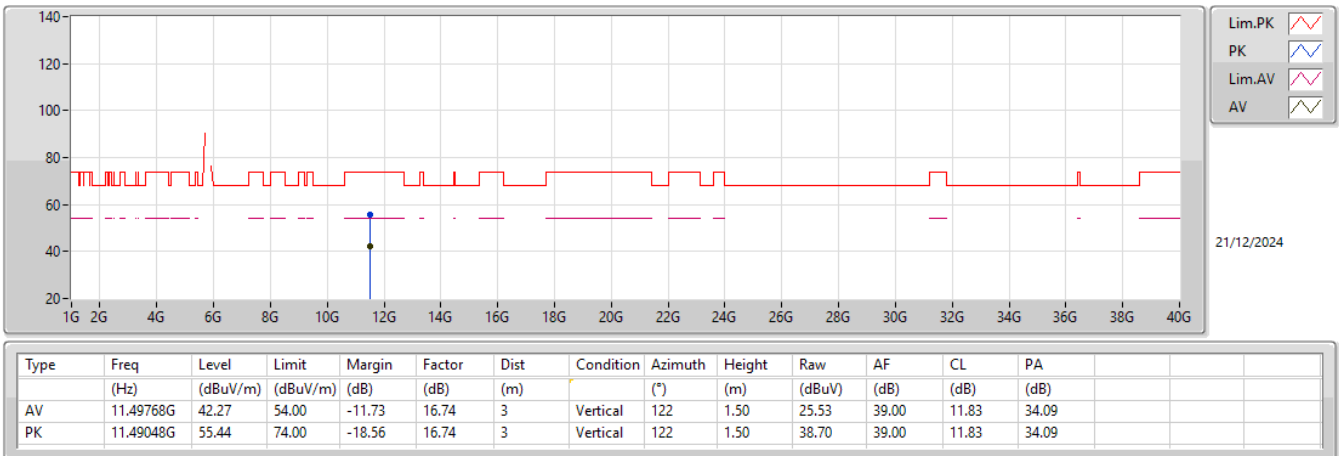




RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

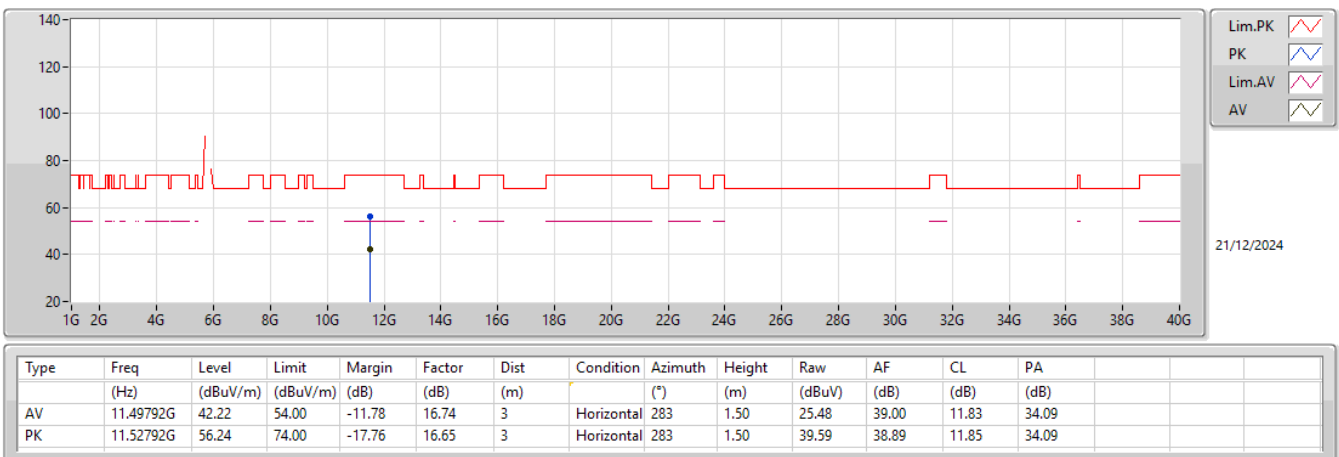
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5775MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5775MHz_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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	34.24	40.00	-5.76	3	Vertical	360	1.00



RSE TX below 1GHz Non-Beamforming Radio 2 2T1S Full RU Appendix E.5

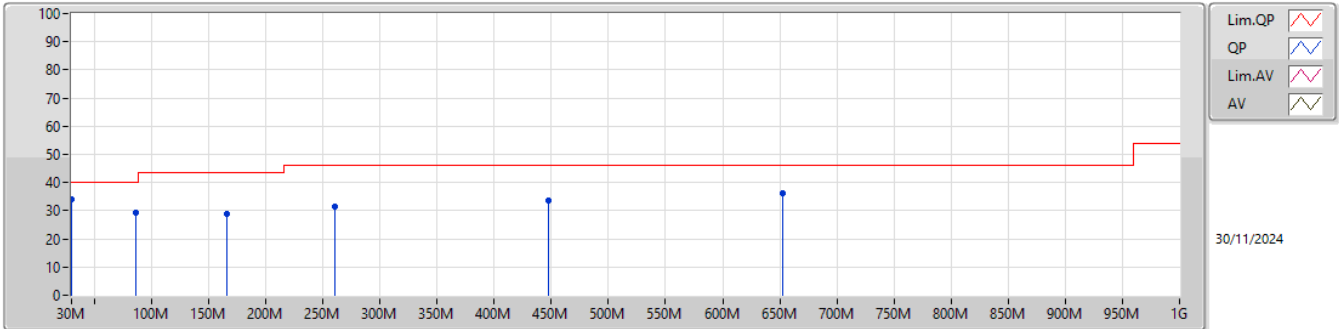
Result

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	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	34.24	40.00	-5.76	3	Vertical	360	1.00
5775MHz	Pass	PK	86.26M	29.32	40.00	-10.68	3	Vertical	360	1.00
5775MHz	Pass	PK	165.8M	28.89	43.50	-14.61	3	Vertical	360	1.00
5775MHz	Pass	PK	260.86M	31.46	46.00	-14.54	3	Vertical	360	1.00
5775MHz	Pass	PK	447.1M	33.58	46.00	-12.42	3	Vertical	360	1.00
5775MHz	Pass	PK	652.74M	36.12	46.00	-9.88	3	Vertical	360	1.00
5775MHz	Pass	PK	30M	25.61	40.00	-14.39	3	Horizontal	0	1.00
5775MHz	Pass	PK	165.8M	28.68	43.50	-14.82	3	Horizontal	0	1.00
5775MHz	Pass	PK	216M	28.37	46.00	-17.63	3	Horizontal	0	1.00
5775MHz	Pass	PK	260.86M	34.64	46.00	-11.36	3	Horizontal	0	1.00
5775MHz	Pass	PK	313.24M	33.67	46.00	-12.33	3	Horizontal	0	1.00
5775MHz	Pass	PK	660.5M	33.65	46.00	-12.35	3	Horizontal	0	1.00



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

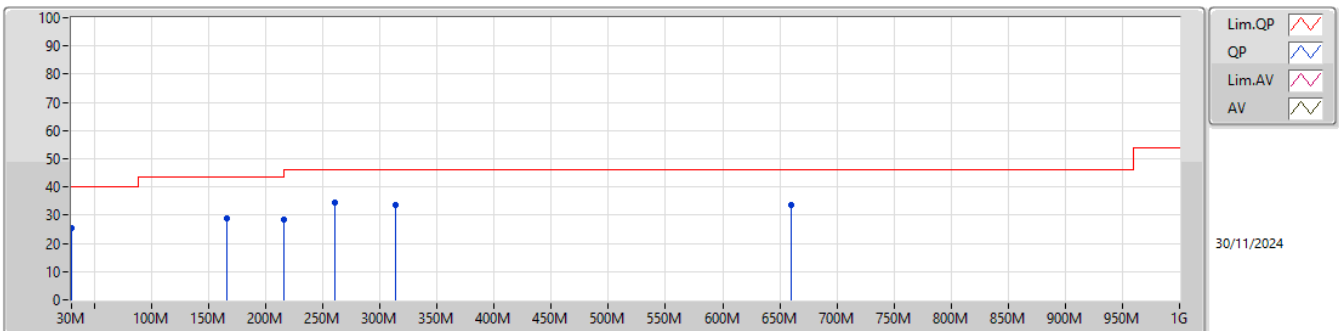
5775MHz_PoE



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	34.24	40.00	-5.76	-3.00	3	Vertical	360	1.00	37.24	24.27	0.24	27.51				
PK	86.26M	29.32	40.00	-10.68	-12.13	3	Vertical	360	1.00	41.45	14.35	0.85	27.33				
PK	165.8M	28.89	43.50	-14.61	-9.43	3	Vertical	360	1.00	38.32	15.88	1.78	27.09				
PK	260.86M	31.46	46.00	-14.54	-4.91	3	Vertical	360	1.00	36.37	19.64	2.18	26.73				
PK	447.1M	33.58	46.00	-12.42	-2.05	3	Vertical	360	1.00	35.63	22.89	2.89	27.83				
PK	652.74M	36.12	46.00	-9.88	0.68	3	Vertical	360	1.00	35.44	25.10	3.79	28.21				

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_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	25.61	40.00	-14.39	-3.00	3	Horizontal	0	1.00	28.61	24.27	0.24	27.51				
PK	165.8M	28.68	43.50	-14.82	-9.43	3	Horizontal	0	1.00	38.11	15.88	1.78	27.09				
PK	216M	28.37	46.00	-17.63	-9.85	3	Horizontal	0	1.00	38.22	14.96	2.07	26.88				
PK	260.86M	34.64	46.00	-11.36	-4.91	3	Horizontal	0	1.00	39.55	19.64	2.18	26.73				
PK	313.24M	33.67	46.00	-12.33	-4.79	3	Horizontal	0	1.00	38.46	19.70	2.31	26.80				
PK	660.5M	33.65	46.00	-12.35	0.72	3	Horizontal	0	1.00	32.93	25.12	3.81	28.21				



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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	6.0003G	60.27	68.20	-7.93	3	Vertical	34	2.15
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	5.6454G	60.18	68.20	-8.02	3	Vertical	25	2.92
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	6.0358G	60.71	68.20	-7.49	3	Vertical	23	2.25
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	61.21	68.35	-7.14	3	Vertical	26	1.87



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	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.4594G	46.05	54.00	-7.95	3	Vertical	34	2.31
5745MHz	Pass	AV	5.7402G	109.59	Inf	-Inf	3	Vertical	34	2.31
5745MHz	Pass	PK	5.631G	59.80	68.20	-8.40	3	Vertical	34	2.31
5745MHz	Pass	PK	5.7402G	119.68	Inf	-Inf	3	Vertical	34	2.31
5745MHz	Pass	PK	5.931G	59.37	68.20	-8.83	3	Vertical	34	2.31
5745MHz	Pass	AV	11.49078G	40.82	54.00	-13.38	3	Vertical	43	1.06
5745MHz	Pass	PK	11.5041G	54.44	74.00	-19.56	3	Vertical	43	1.06
5745MHz	Pass	AV	11.49036G	40.60	54.00	-13.40	3	Horizontal	167	1.50
5745MHz	Pass	PK	11.4768G	54.87	74.00	-19.13	3	Horizontal	167	1.50
5785MHz	Pass	AV	5.78008G	108.95	Inf	-Inf	3	Vertical	34	2.15
5785MHz	Pass	PK	5.64819G	59.92	68.20	-8.28	3	Vertical	34	2.15
5785MHz	Pass	PK	5.78129G	119.41	Inf	-Inf	3	Vertical	34	2.15
5785MHz	Pass	PK	6.0003G	60.27	68.20	-7.93	3	Vertical	34	2.15
5785MHz	Pass	AV	11.57144G	40.34	54.00	-13.66	3	Vertical	355	1.50
5785MHz	Pass	PK	11.56304G	54.37	74.00	-19.63	3	Vertical	355	1.50
5785MHz	Pass	AV	11.57156G	40.30	54.00	-13.70	3	Horizontal	89	1.50
5785MHz	Pass	PK	11.55776G	54.47	74.00	-19.53	3	Horizontal	89	1.50
5825MHz	Pass	AV	5.831G	108.30	Inf	-Inf	3	Vertical	57	1.95
5825MHz	Pass	PK	5.6426G	59.53	68.20	-8.67	3	Vertical	57	1.95
5825MHz	Pass	PK	5.831G	119.51	Inf	-Inf	3	Vertical	57	1.95
5825MHz	Pass	PK	6.0482G	59.56	68.20	-8.64	3	Vertical	57	1.95
5825MHz	Pass	AV	11.66332G	40.85	54.00	-13.15	3	Vertical	358	1.50
5825MHz	Pass	PK	11.65264G	55.29	74.00	-18.71	3	Vertical	358	1.50
5825MHz	Pass	AV	11.66092G	40.82	54.00	-13.18	3	Horizontal	64	1.10
5825MHz	Pass	PK	11.66458G	55.02	74.00	-18.98	3	Horizontal	64	1.10
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	AV	5.4534G	45.06	54.00	-8.94	3	Vertical	25	2.92
5745MHz	Pass	AV	5.7414G	107.65	Inf	-Inf	3	Vertical	25	2.92
5745MHz	Pass	PK	5.6454G	60.18	68.20	-8.02	3	Vertical	25	2.92
5745MHz	Pass	PK	5.7426G	120.92	Inf	-Inf	3	Vertical	25	2.92
5745MHz	Pass	PK	6.045G	59.09	68.20	-9.11	3	Vertical	25	2.92
5745MHz	Pass	AV	11.4882G	40.62	54.00	-13.38	3	Vertical	289	2.56
5745MHz	Pass	PK	11.49408G	54.41	74.00	-19.59	3	Vertical	289	2.56
5745MHz	Pass	AV	11.49348G	40.57	54.00	-13.43	3	Horizontal	134	2.70
5745MHz	Pass	PK	11.5044G	55.37	74.00	-18.63	3	Horizontal	134	2.70
5785MHz	Pass	AV	5.78734G	106.99	Inf	-Inf	3	Vertical	27	2.21
5785MHz	Pass	PK	5.6494G	59.62	68.20	-8.58	3	Vertical	27	2.21
5785MHz	Pass	PK	5.78855G	119.73	Inf	-Inf	3	Vertical	27	2.21
5785MHz	Pass	PK	6.04265G	59.59	68.20	-8.61	3	Vertical	27	2.21
5785MHz	Pass	AV	11.5649G	40.33	54.00	-13.67	3	Vertical	360	1.50
5785MHz	Pass	PK	11.57786G	54.44	74.00	-19.56	3	Vertical	360	1.50
5785MHz	Pass	AV	11.56928G	40.33	54.00	-13.67	3	Horizontal	335	2.30
5785MHz	Pass	PK	11.58368G	54.09	74.00	-19.91	3	Horizontal	335	2.30
5825MHz	Pass	AV	5.8274G	106.43	Inf	-Inf	3	Vertical	32	2.18
5825MHz	Pass	PK	5.6294G	59.58	68.20	-8.62	3	Vertical	32	2.18
5825MHz	Pass	PK	5.8262G	118.67	Inf	-Inf	3	Vertical	32	2.18
5825MHz	Pass	PK	6.0674G	59.84	68.20	-8.36	3	Vertical	32	2.18
5825MHz	Pass	AV	11.6632G	40.88	54.00	-13.12	3	Vertical	0	1.50
5825MHz	Pass	PK	11.63638G	55.20	74.00	-18.80	3	Vertical	0	1.50
5825MHz	Pass	AV	11.66332G	40.86	54.00	-13.14	3	Horizontal	207	1.50
5825MHz	Pass	PK	11.65348G	55.12	74.00	-18.88	3	Horizontal	207	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	AV	5.4586G	45.42	54.00	-8.58	3	Vertical	23	2.25
5755MHz	Pass	AV	5.737G	105.55	Inf	-Inf	3	Vertical	23	2.25
5755MHz	Pass	PK	5.6494G	60.15	68.20	-8.05	3	Vertical	23	2.25
5755MHz	Pass	PK	5.737G	117.60	Inf	-Inf	3	Vertical	23	2.25
5755MHz	Pass	PK	6.0358G	60.71	68.20	-7.49	3	Vertical	23	2.25
5755MHz	Pass	AV	11.51108G	40.67	54.00	-13.33	3	Vertical	138	2.70
5755MHz	Pass	PK	11.52884G	54.32	74.00	-19.68	3	Vertical	138	2.70
5755MHz	Pass	AV	11.5262G	40.68	54.00	-13.32	3	Horizontal	159	1.50



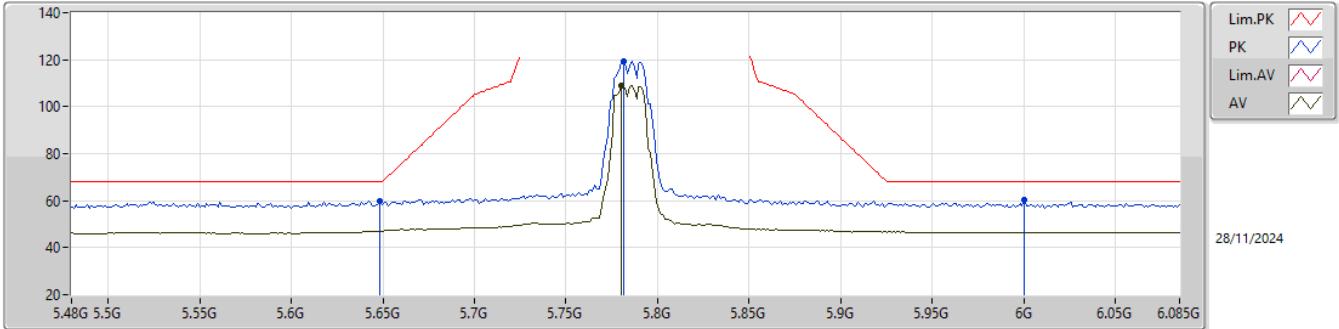
RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5755MHz	Pass	PK	11.52428G	54.44	74.00	-19.56	3	Horizontal	159	1.50
5795MHz	Pass	AV	5.777G	104.71	Inf	-Inf	3	Vertical	32	2.11
5795MHz	Pass	PK	5.5994G	60.06	68.20	-8.14	3	Vertical	32	2.11
5795MHz	Pass	PK	5.7782G	117.41	Inf	-Inf	3	Vertical	32	2.11
5795MHz	Pass	PK	6.0302G	59.54	68.20	-8.66	3	Vertical	32	2.11
5795MHz	Pass	AV	11.61004G	40.40	54.00	-13.60	3	Vertical	104	2.67
5795MHz	Pass	PK	11.60704G	54.41	74.00	-19.59	3	Vertical	104	2.67
5795MHz	Pass	AV	11.57152G	40.38	54.00	-13.62	3	Horizontal	48	1.00
5795MHz	Pass	PK	11.61088G	54.32	74.00	-19.68	3	Horizontal	48	1.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7366G	102.22	Inf	-Inf	3	Vertical	26	1.87
5775MHz	Pass	PK	5.6502G	61.21	68.35	-7.14	3	Vertical	26	1.87
5775MHz	Pass	PK	5.7378G	115.47	Inf	-Inf	3	Vertical	26	1.87
5775MHz	Pass	PK	6.0606G	58.87	68.20	-9.33	3	Vertical	26	1.87
5775MHz	Pass	AV	11.54765G	40.22	54.00	-13.78	3	Vertical	255	1.06
5775MHz	Pass	PK	11.54984G	54.84	74.00	-19.16	3	Vertical	255	1.06
5775MHz	Pass	AV	11.54833G	40.25	54.00	-13.75	3	Horizontal	219	1.50
5775MHz	Pass	PK	11.54768G	54.22	74.00	-19.78	3	Horizontal	219	1.50



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

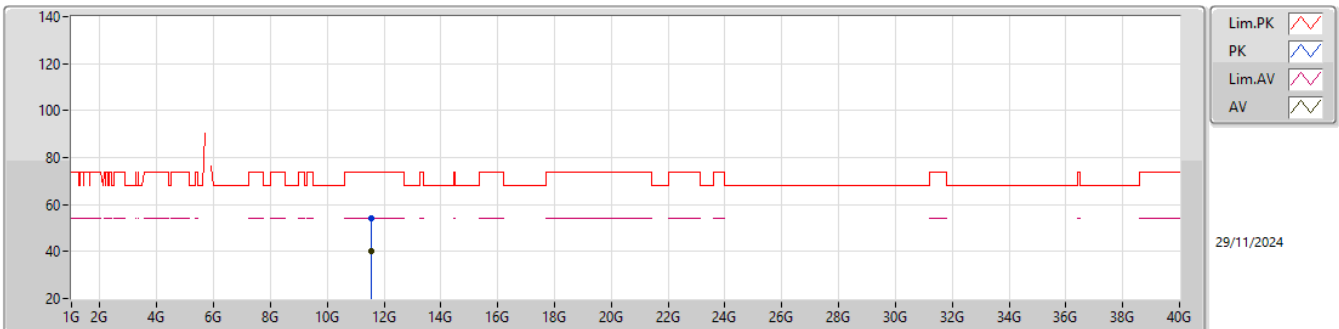
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.78008G	108.95	Inf	-Inf	8.25	3	Vertical	34	2.15	100.70	33.82	8.53	34.10
PK	5.64819G	59.92	68.20	-8.28	7.55	3	Vertical	34	2.15	52.37	33.19	8.40	34.04
PK	5.78129G	119.41	Inf	-Inf	8.26	3	Vertical	34	2.15	111.15	33.83	8.53	34.10
PK	6.0003G	60.27	68.20	-7.93	8.55	3	Vertical	34	2.15	51.72	34.10	8.64	34.19

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

5785MHz_TX

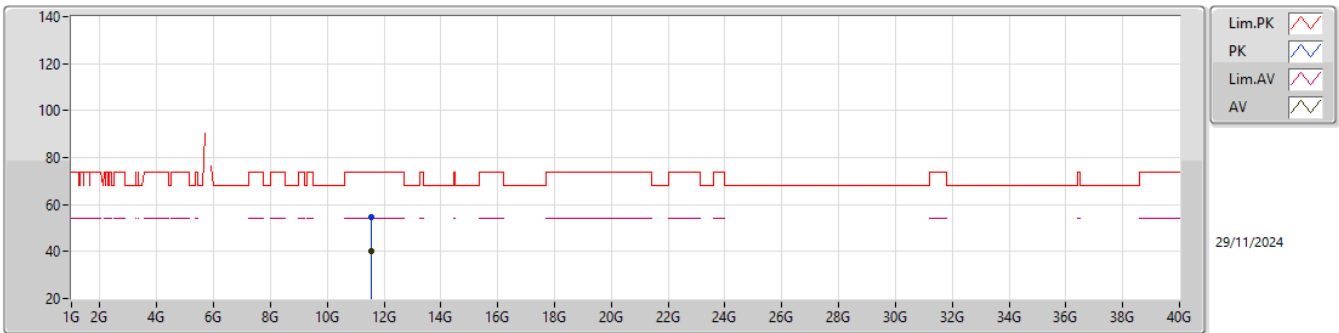


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	11.57144G	40.34	54.00	-13.66	16.44	3	Vertical	355	1.50	23.90	38.67	11.87	34.10
PK	11.56304G	54.37	74.00	-19.63	16.48	3	Vertical	355	1.50	37.89	38.72	11.86	34.10



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

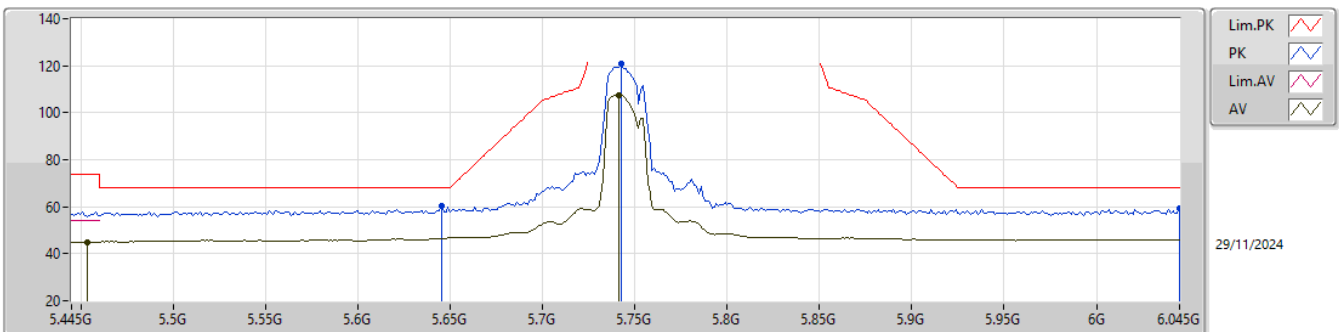
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57156G	40.30	54.00	-13.70	16.44	3	Horizontal	89	1.50	23.86	38.67	11.87	34.10
PK	11.55776G	54.47	74.00	-19.53	16.51	3	Horizontal	89	1.50	37.96	38.75	11.86	34.10

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5745MHz_TX

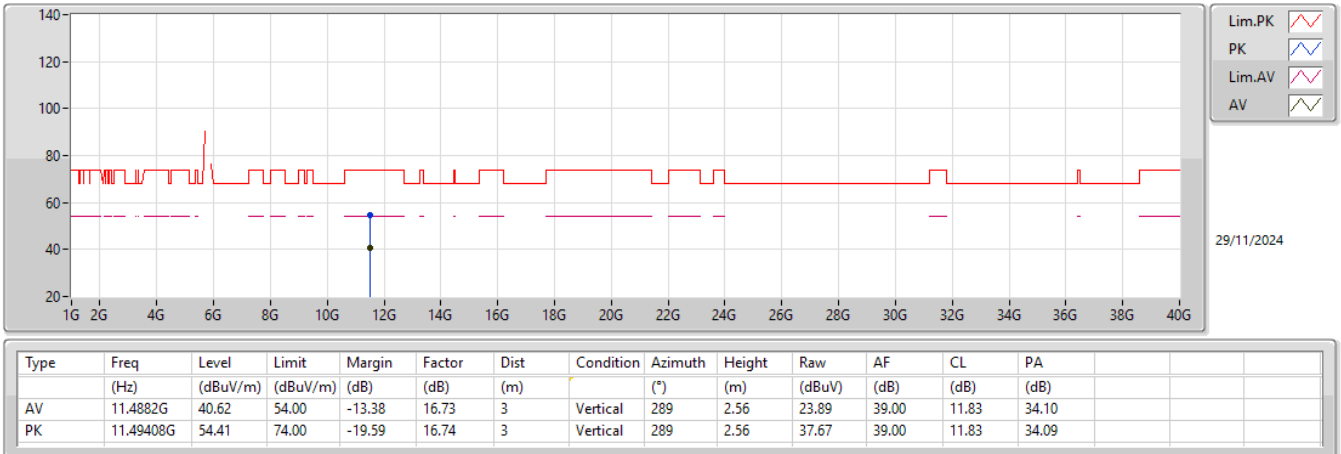


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4534G	45.06	54.00	-8.94	7.10	3	Vertical	25	2.92	37.96	32.81	8.27	33.98
AV	5.7414G	107.65	Inf	-Inf	8.09	3	Vertical	25	2.92	99.56	33.68	8.49	34.08
PK	5.6454G	60.18	68.20	-8.02	7.53	3	Vertical	25	2.92	52.65	33.17	8.40	34.04
PK	5.7426G	120.92	Inf	-Inf	8.10	3	Vertical	25	2.92	112.82	33.69	8.49	34.08
PK	6.045G	59.09	68.20	-9.11	8.60	3	Vertical	25	2.92	50.49	34.10	8.71	34.21



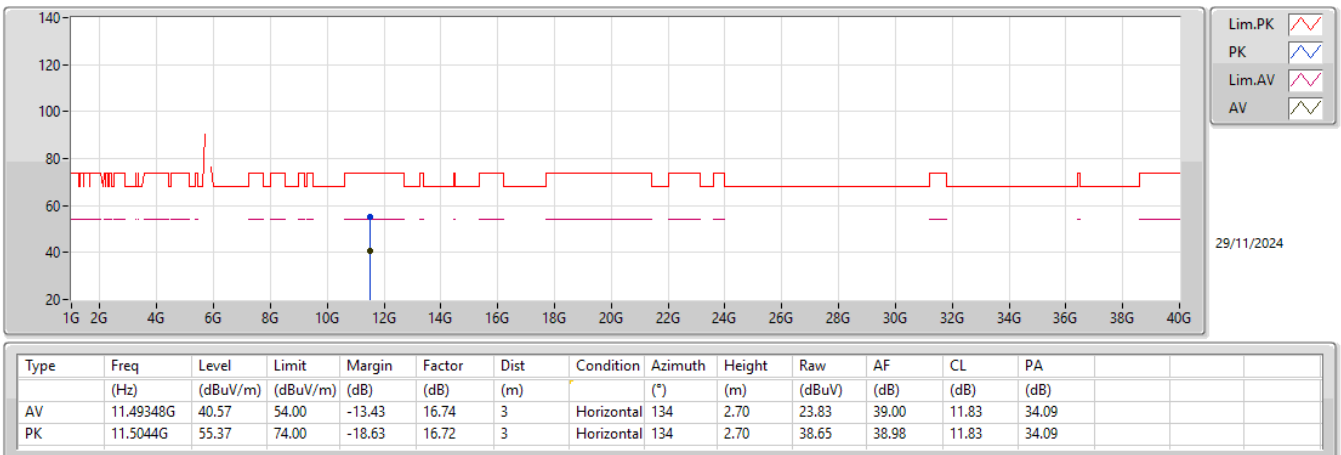
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5745MHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

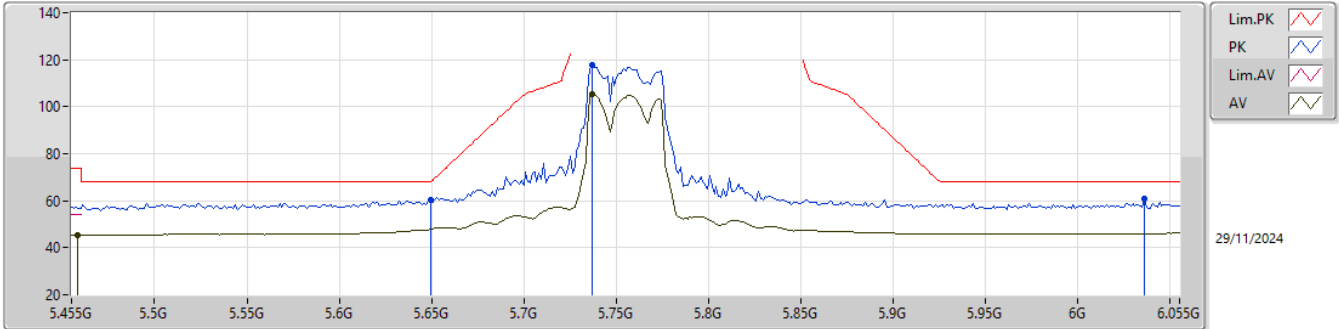
5745MHz_TX





5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

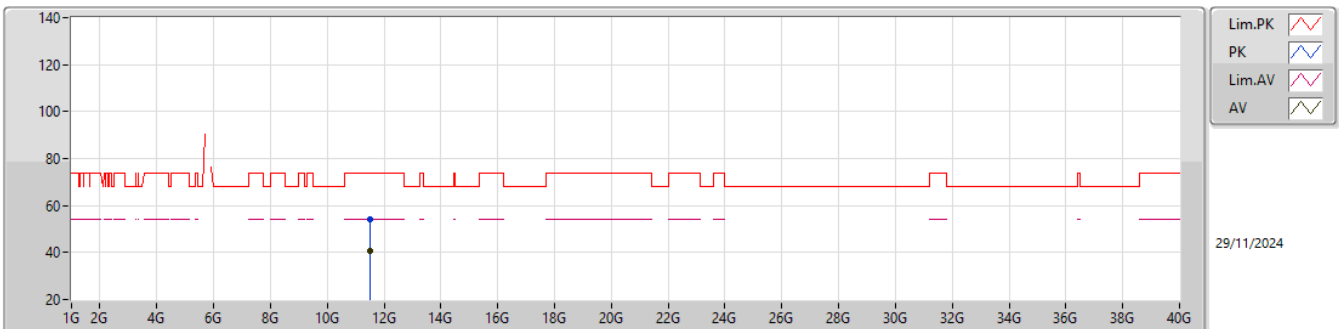
5755MHz_TX



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	5.4586G	45.42	54.00	-8.58	7.12	3	Vertical	23	2.25	38.30	32.83	8.27	33.98				
AV	5.737G	105.55	Inf	-Inf	8.08	3	Vertical	23	2.25	97.47	33.67	8.49	34.08				
PK	5.6494G	60.15	68.20	-8.05	7.56	3	Vertical	23	2.25	52.59	33.20	8.40	34.04				
PK	5.737G	117.60	Inf	-Inf	8.08	3	Vertical	23	2.25	109.52	33.67	8.49	34.08				
PK	6.0358G	60.71	68.20	-7.49	8.59	3	Vertical	23	2.25	52.12	34.10	8.70	34.21				

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5755MHz_TX

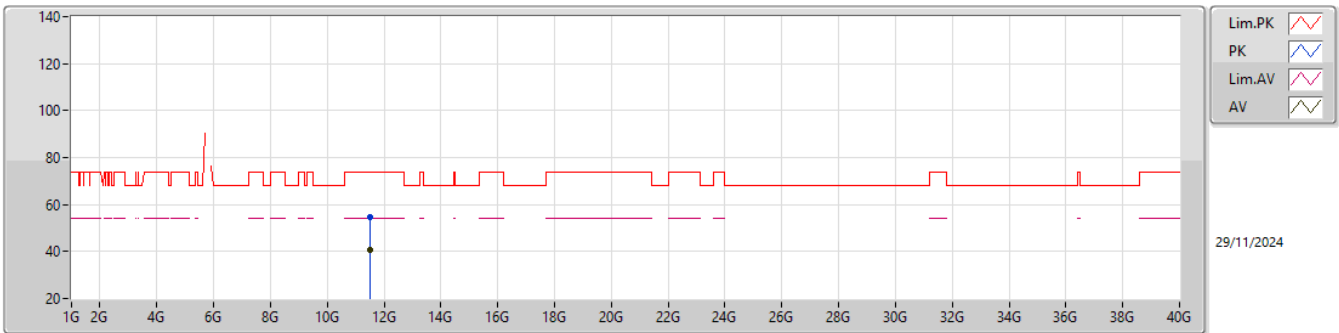


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	11.51108G	40.67	54.00	-13.33	16.71	3	Vertical	138	2.70	23.96	38.96	11.84	34.09				
PK	11.52884G	54.32	74.00	-19.68	16.64	3	Vertical	138	2.70	37.68	38.88	11.85	34.09				



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

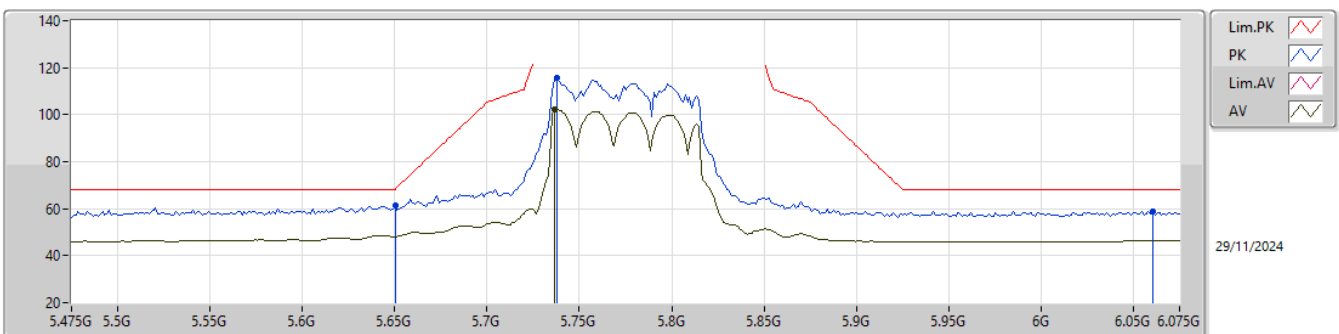
5755MHz_TX



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	11.5262G	40.68	54.00	-13.32	16.65	3	Horizontal	159	1.50	24.03	38.90	11.84	34.09				
PK	11.52428G	54.44	74.00	-19.56	16.65	3	Horizontal	159	1.50	37.79	38.90	11.84	34.09				

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_TX

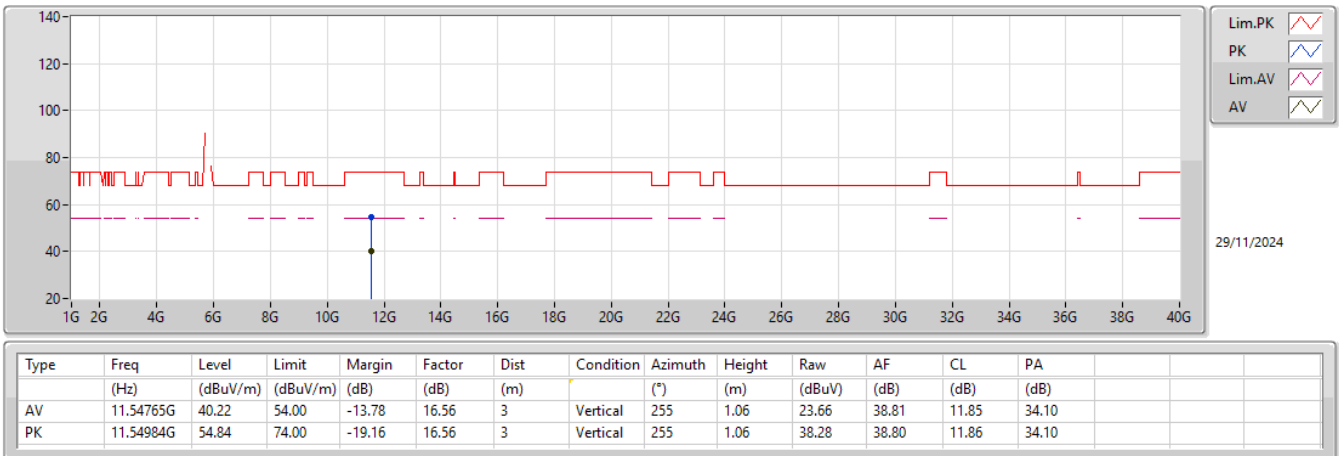


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.7366G	102.22	Inf	-Inf	8.08	3	Vertical	26	1.87	94.14	33.67	8.49	34.08				
PK	5.6502G	61.21	68.35	-7.14	7.56	3	Vertical	26	1.87	53.65	33.20	8.40	34.04				
PK	5.7378G	115.47	Inf	-Inf	8.09	3	Vertical	26	1.87	107.38	33.68	8.49	34.08				
PK	6.0606G	58.87	68.20	-9.33	8.62	3	Vertical	26	1.87	50.25	34.10	8.74	34.22				



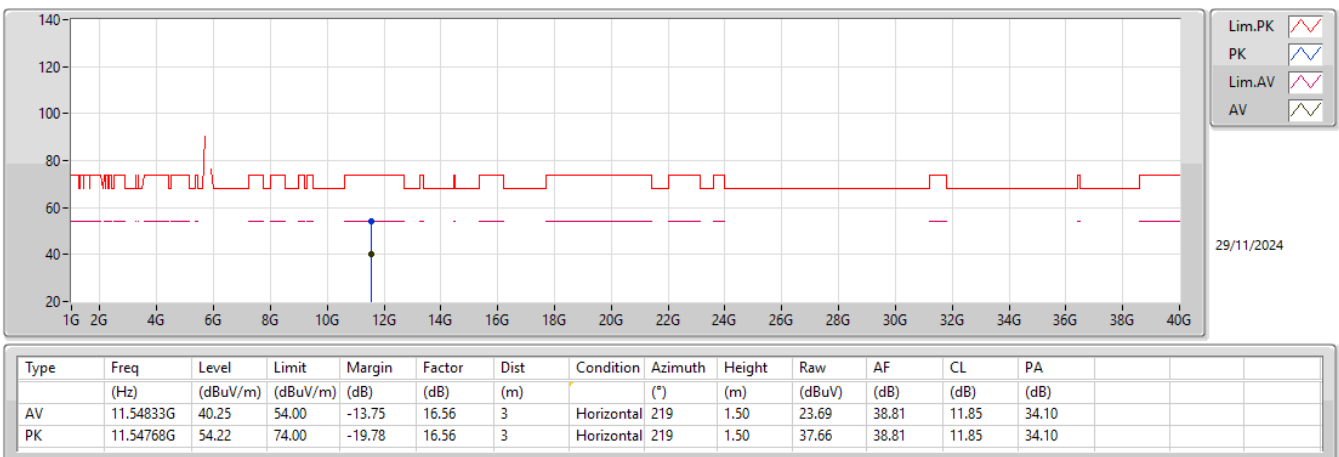
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	34.24	40.00	-5.76	3	Vertical	360	1.00



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

Result

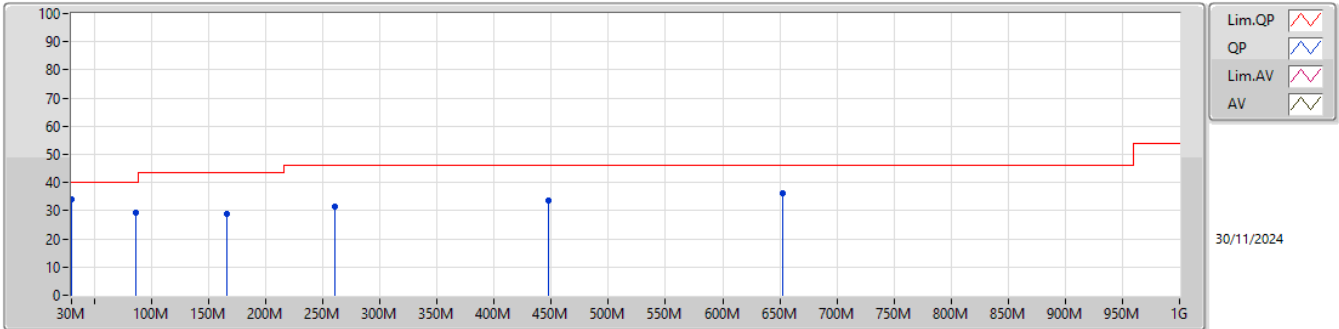
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	34.24	40.00	-5.76	3	Vertical	360	1.00
5775MHz	Pass	PK	86.26M	29.32	40.00	-10.68	3	Vertical	360	1.00
5775MHz	Pass	PK	165.8M	28.89	43.50	-14.61	3	Vertical	360	1.00
5775MHz	Pass	PK	260.86M	31.46	46.00	-14.54	3	Vertical	360	1.00
5775MHz	Pass	PK	447.1M	33.58	46.00	-12.42	3	Vertical	360	1.00
5775MHz	Pass	PK	652.74M	36.12	46.00	-9.88	3	Vertical	360	1.00
5775MHz	Pass	PK	30M	25.61	40.00	-14.39	3	Horizontal	0	1.00
5775MHz	Pass	PK	165.8M	28.68	43.50	-14.82	3	Horizontal	0	1.00
5775MHz	Pass	PK	216M	28.37	46.00	-17.63	3	Horizontal	0	1.00
5775MHz	Pass	PK	260.86M	34.64	46.00	-11.36	3	Horizontal	0	1.00
5775MHz	Pass	PK	313.24M	33.67	46.00	-12.33	3	Horizontal	0	1.00
5775MHz	Pass	PK	660.5M	33.65	46.00	-12.35	3	Horizontal	0	1.00



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

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

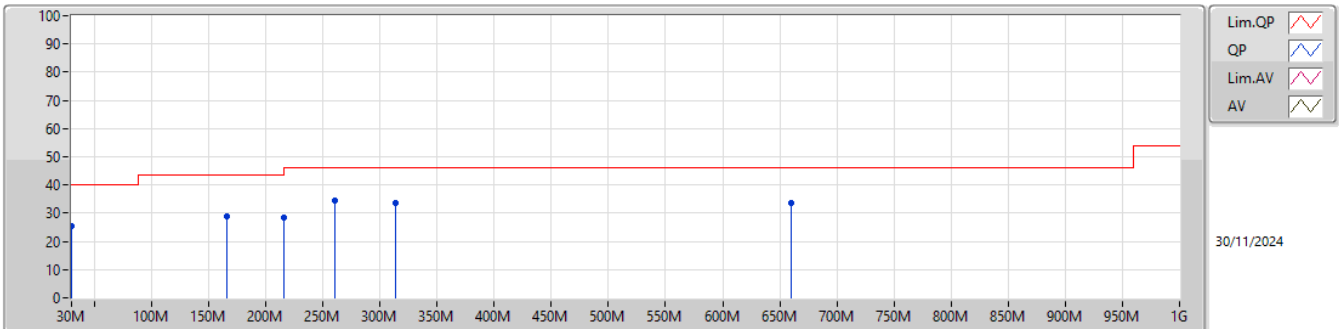
5775MHz_PoE



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	34.24	40.00	-5.76	-3.00	3	Vertical	360	1.00	37.24	24.27	0.24	27.51				
PK	86.26M	29.32	40.00	-10.68	-12.13	3	Vertical	360	1.00	41.45	14.35	0.85	27.33				
PK	165.8M	28.89	43.50	-14.61	-9.43	3	Vertical	360	1.00	38.32	15.88	1.78	27.09				
PK	260.86M	31.46	46.00	-14.54	-4.91	3	Vertical	360	1.00	36.37	19.64	2.18	26.73				
PK	447.1M	33.58	46.00	-12.42	-2.05	3	Vertical	360	1.00	35.63	22.89	2.89	27.83				
PK	652.74M	36.12	46.00	-9.88	0.68	3	Vertical	360	1.00	35.44	25.10	3.79	28.21				

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_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	25.61	40.00	-14.39	-3.00	3	Horizontal	0	1.00	28.61	24.27	0.24	27.51				
PK	165.8M	28.68	43.50	-14.82	-9.43	3	Horizontal	0	1.00	38.11	15.88	1.78	27.09				
PK	216M	28.37	46.00	-17.63	-9.85	3	Horizontal	0	1.00	38.22	14.96	2.07	26.88				
PK	260.86M	34.64	46.00	-11.36	-4.91	3	Horizontal	0	1.00	39.55	19.64	2.18	26.73				
PK	313.24M	33.67	46.00	-12.33	-4.79	3	Horizontal	0	1.00	38.46	19.70	2.31	26.80				
PK	660.5M	33.65	46.00	-12.35	0.72	3	Horizontal	0	1.00	32.93	25.12	3.81	28.21				



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)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	Pass	PK	5.613G	64.34	68.20	-3.86	3	Vertical	48	1.99



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

Result

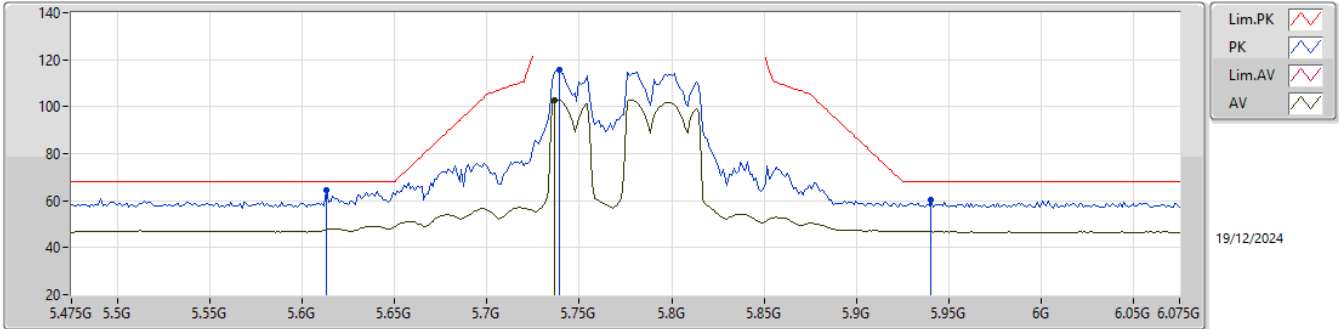
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	AV	5.7366G	103.01	Inf	-Inf	3	Vertical	48	1.99
5775MHz	Pass	PK	5.613G	64.34	68.20	-3.86	3	Vertical	48	1.99
5775MHz	Pass	PK	5.739G	115.52	Inf	-Inf	3	Vertical	48	1.99
5775MHz	Pass	PK	5.9406G	60.25	68.20	-7.95	3	Vertical	48	1.99
5775MHz	Pass	AV	5.781G	97.45	Inf	-Inf	3	Horizontal	12	2.03
5775MHz	Pass	PK	5.6382G	59.65	68.20	-8.55	3	Horizontal	12	2.03
5775MHz	Pass	PK	5.8002G	109.75	Inf	-Inf	3	Horizontal	12	2.03
5775MHz	Pass	PK	5.931G	59.82	68.20	-8.38	3	Horizontal	12	2.03
5775MHz	Pass	AV	11.4948G	42.35	54.00	-11.65	3	Vertical	268	1.50
5775MHz	Pass	PK	11.51208G	55.89	74.00	-18.11	3	Vertical	268	1.50
5775MHz	Pass	AV	11.49216G	42.29	54.00	-11.71	3	Horizontal	153	1.50
5775MHz	Pass	PK	11.50056G	55.88	74.00	-18.12	3	Horizontal	153	1.50



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

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

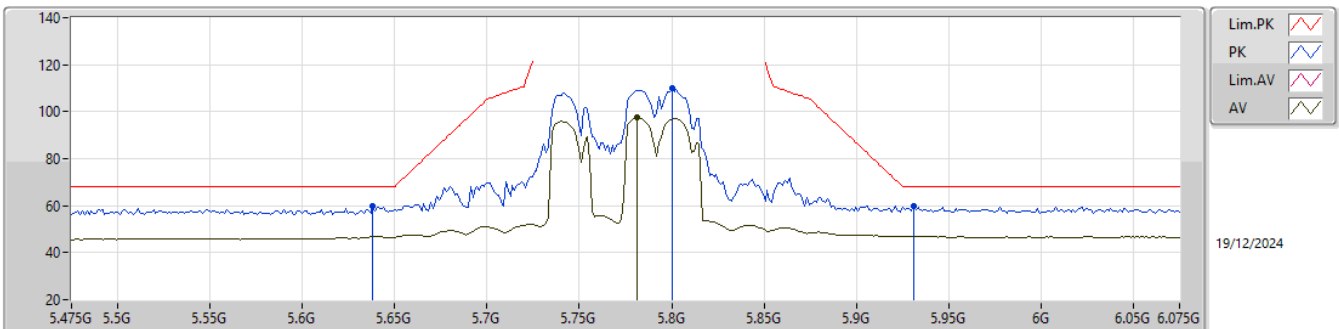
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7366G	103.01	Inf	-Inf	8.08	3	Vertical	48	1.99	94.93	33.67	8.49	34.08
PK	5.613G	64.34	68.20	-3.86	7.31	3	Vertical	48	1.99	57.03	32.98	8.36	34.03
PK	5.739G	115.52	Inf	-Inf	8.09	3	Vertical	48	1.99	107.43	33.68	8.49	34.08
PK	5.9406G	60.25	68.20	-7.95	8.56	3	Vertical	48	1.99	51.69	34.12	8.61	34.17

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

5775MHz_TX



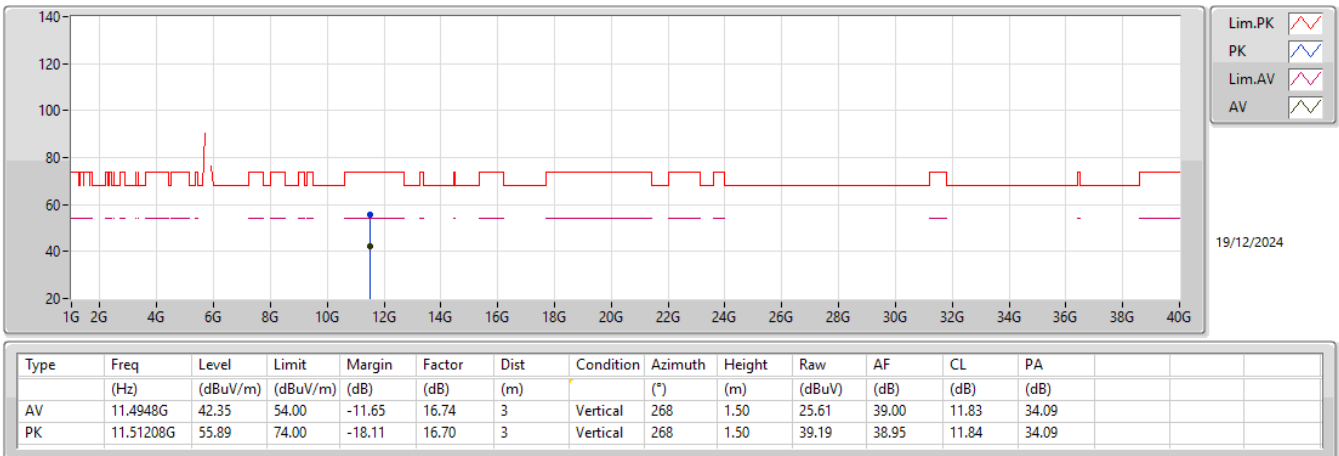
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.781G	97.45	Inf	-Inf	8.25	3	Horizontal	12	2.03	89.20	33.82	8.53	34.10
PK	5.6382G	59.65	68.20	-8.55	7.48	3	Horizontal	12	2.03	52.17	33.13	8.39	34.04
PK	5.8002G	109.75	Inf	-Inf	8.34	3	Horizontal	12	2.03	101.41	33.90	8.55	34.11
PK	5.931G	59.82	68.20	-8.38	8.59	3	Horizontal	12	2.03	51.23	34.14	8.61	34.16



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

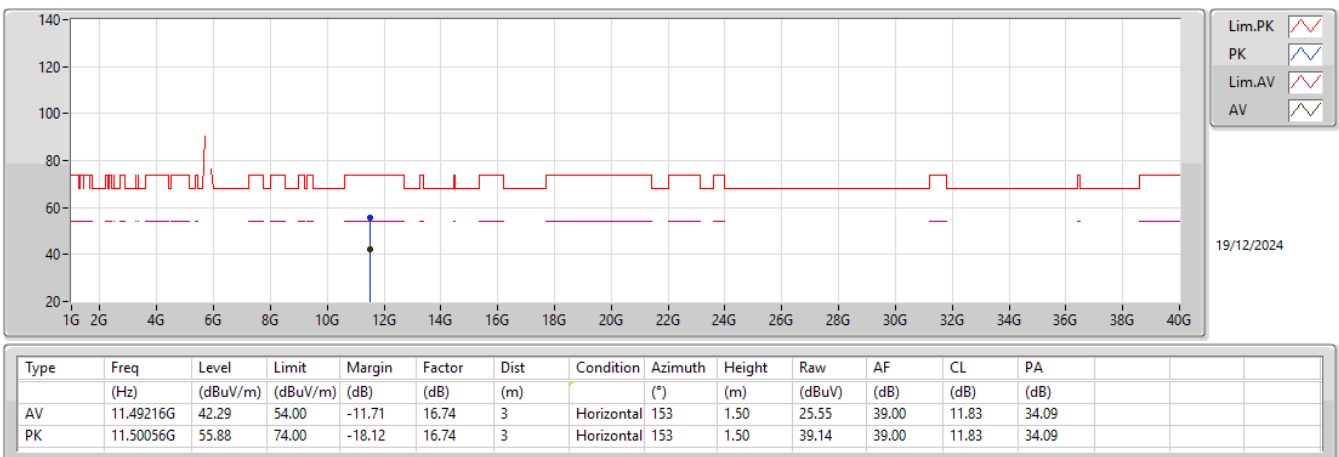
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

5775MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

5775MHz_TX





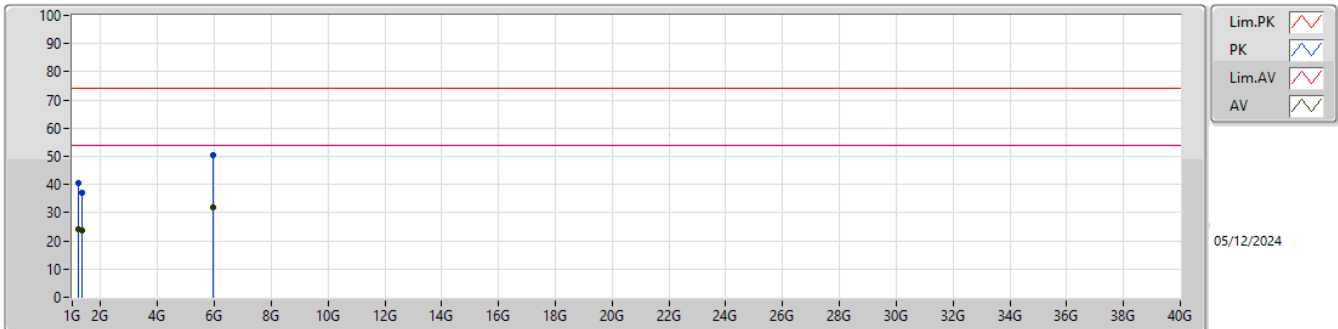
Summary

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

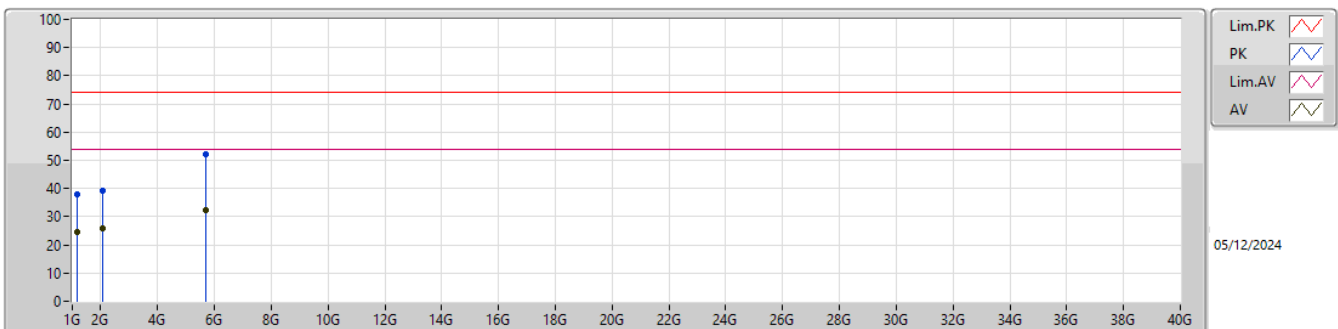
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.19615G	24.03	54.00	-29.97	3	Vertical	244	2.00
Mode 1	Pass	AV	1.35411G	23.68	54.00	-30.32	3	Vertical	162	1.00
Mode 1	Pass	AV	5.96115G	31.86	54.00	-22.14	3	Vertical	28	1.52
Mode 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