

FCC Radio Test Report

FCC ID : UDX-600218010
Equipment : Cisco Wireless 9174I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9174I
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 Jan. 06, 2025, and testing was started from Jan. 15, 2025 and completed on Apr. 12, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	14
1.3 Testing Location Information	14
1.4 Measurement Uncertainty	14
2 TEST CONFIGURATION OF EUT.....	15
2.1 Test Channel Mode	15
2.2 The Worst Case Measurement Configuration.....	18
2.3 Accessories	19
2.4 Support Equipment.....	19
2.5 Test Setup Diagram	20
3 TRANSMITTER TEST RESULT	21
3.1 AC Power-line Conducted Emissions	21
3.2 Emission Bandwidth	23
3.3 Maximum Conducted Output Power	24
3.4 Peak Power Spectral Density.....	26
3.5 Unwanted Emissions.....	28
4 TEST EQUIPMENT AND CALIBRATION DATA	33
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.5	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

1.1.1 RF General Information

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

Non-Beamforming_Radio 2_Full RU_1T1S

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

Non-Beamforming_Radio 2_Full RU_2T1S

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	2TX(Port 2/3)
5.15-5.25GHz	802.11be EHT20	20	2TX(Port 2/3)
5.15-5.25GHz	802.11be EHT40	40	2TX(Port 2/3)
5.15-5.25GHz	802.11be EHT80	80	2TX(Port 2/3)

Non-Beamforming_Radio 2_Full RU_4T1S

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX

Non-Beamforming_Radio 2_Multi-RU_1T1S

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

**Non-Beamforming_Radio 2_Multi-RU_2T1S**

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	2TX(Port 2/3)

Non-Beamforming_Radio 2_Multi-RU_4T1S

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	4TX

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

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

Non-Beamforming_Radio 2_Channel Puncturing_2T1S

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	2TX(Port 2/3)

Non-Beamforming_Radio 2_Channel Puncturing_4T1S

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT80	80	4TX

Non-Beamforming_Scan Radio

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	1TX
5.15-5.25GHz	802.11ax HEW20	20	1TX

Beamforming_Radio 2

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	4TX
5.15-5.25GHz	802.11be EHT40-BF	40	4TX
5.15-5.25GHz	802.11be EHT80-BF	80	4TX

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 Table of Serial Number

Test item	Serial Number
RF	FVH2849A96T

1.1.3 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH42	CH58	CH106	CH122	CH138	CH155	CH171
484+242	1		--	V	--	V	V	V	V
	2		V	V	V	V	V	V	V
	3		V	V	V	V	V	V	V
	4		V	--	V	V	--	V	--

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

1.1.4 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.

**1.1.5 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Fii	363.00006	PIFA	I-Pex	2.4G	Radio1,3
					5G	Radio 2
2	Fii	363.00006	Dipole	I-Pex	2.4G	Radio1,3
					5G	Radio 2
3	Fii	363.00006	PIFA	I-Pex	2.4G	Radio 3
					5G	Radio 2
4	Fii	363.00006	Dipole	I-Pex	2.4G	Radio 3
					5G	Radio 2
5	Fii	363.00006	PIFA	I-Pex	6G	Radio 3
6	Fii	363.00006	Dipole	I-Pex	6G	Radio 3
7	Fii	363.00006	PIFA	I-Pex	6G	Radio 3
8	Fii	363.00006	Dipole	I-Pex	6G	Radio 3
9	Fii	363.00006	PIFA	I-Pex	2.4G/5G/6G	Radio 4 Scan
10	Fii	363.00006	PIFA	I-Pex	2.4G/5G/6G	Radio 4 Scan
11	Fii	363.00006	PIFA	I-Pex	BLE&IEEE 802.15.4	BLE&IEEE 802.15.4



Ant.	Port	Gain (dBi)									
		2.4G	5G				6G				BLE& IEEE 802.15.4
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	1	2.98	4.33	5.26	4.49	4.73	-	-	-	-	-
2	2	4.79	4.19	4.19	3.89	3.93	-	-	-	-	-
3	4	4.97	4.78	4.93	4.72	4.38	-	-	-	-	-
4	3	3.83	4.89	5.1	5.26	5.05	-	-	-	-	-
5	4	-	-	-	-	-	6.36	4.57	4.89	5.17	-
6	2	-	-	-	-	-	5.4	5.83	5.14	6.96	-
7	1	-	-	-	-	-	5.3	3.39	3.55	3.31	-
8	3	-	-	-	-	-	3.14	4.9	3.21	4.91	-
9	1	4.72	4.19	4.77	3.94	4.55	4.52	4.63	4.06	4.29	-
10	2	3.77	3.18	4.16	4.53	4.08	4.48	3.96	4.03	4.42	-
11	1	-	-	-	-	-	-	-	-	-	4.56

Composite Gain (dBi)			
Ant.	Wi-Fi Mode	2.4G	
		Radio 1	Radio 3
1,2	DG [1SS]	4.79	-
	DG [2SS]	4.79	-
3,4	DG [1SS]	-	4.97
	DG [2SS]	-	4.97
1,2,3,4	DG [1SS]	-	6.95
	DG [2SS]	-	4.97
	DG [4SS]	-	4.97

Composite Gain (dBi)									
Ant.	Wi-Fi Mode	5G				6G			
		Radio 2				Radio 3			
		UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1,2,3,4	DG [1SS]	5.31	5.51	5.5	5.08	-	-	-	-
	DG [2SS]	4.89	5.26	5.26	5.05	-	-	-	-
	DG [4SS]	4.89	5.26	5.26	5.05	-	-	-	-
5,6,7,8	DG [1SS]	-	-	-	-	6.36	5.83	5.14	7.36
	DG [2SS]	-	-	-	-	6.36	5.83	5.14	6.96
	DG [4SS]	-	-	-	-	6.36	5.83	5.14	6.96
2,4	DG [1SS]	4.89	5.1	5.26	5.05	-	-	-	-
	DG [2SS]	4.89	5.1	5.26	5.05	-	-	-	-

Note 1: The EUT has eleven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP510630.

For 2.4GHz function:

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

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2 (port 2) and it was recorded in this test report.

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/be mode (1TX/4RX) (Radio 3)

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

Support diversity function and pre-tested on each single chain, the worst case was Ant.4 (port 3) and it was recorded in this test report.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 3)

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

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 3)

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

For IEEE 802.11 b/g/n/VHT/ax mode(1TX/2RX) (Radio 4)

Only Ant. 9 (port 1) could transmit.

Ant. 9 (port 1) and Ant. 10 (port 2) could receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 4 (port 3) and it was recorded in this test report.

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

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

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

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

For IEEE 802.11 a/n/ac mode(1TX/2RX) (Radio 4)



Only Ant. 9 (port 1) could transmit.

Ant. 9 (port 1) and Ant. 10 (port 2) could receive.

For BT function:

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

Ant. 11 (port 1) could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 11 (port 1) could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax/be mode(1TX/4RX) (Radio 3)

Ant. 5 (port 4), Ant. 6 (port 2), Ant. 7 (port 1), Ant. 8 (port 3) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 5 (port 4) and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 5 (port 4), Ant. 6 (port 2), Ant. 7 (port 1), Ant. 8 (port 3) could transmit/receive simultaneously.

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

Ant. 5 (port 4), Ant. 6 (port 2), Ant. 7 (port 1), Ant. 8 (port 3) could transmit/receive simultaneously.

For IEEE 802.11 ax mode(1TX/2RX) (Radio 4_Scan)

Only Ant. 9 (port 1) could transmit.

Ant. 9 (port 1) and Ant. 10 (port 2) could receive.

1.1.6 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:		

1.1.7 Mode Test Duty Cycle

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port3)	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	0.976	0.11	5.141m	200
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	0.978	0.1	5.303m	200
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	0.978	0.1	5.391m	200

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

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	0.942	0.26	5.141m	200
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	0.976	0.11	5.303m	200
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	0.97	0.13	5.391m	200

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

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.981	0.08	5.141m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.981	0.08	5.303m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.98	0.09	5.394m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	0.886	0.53	2.747m	500

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

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	0.885	0.53	2.747m	500

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

**Non-Beamforming_Radio 2_Multi-RU_4T1S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	0.886	0.53	2.747m	500

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

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3_1TX(Port3)	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Channel Puncturing_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Channel Puncturing_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_Scan Radio

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.993	0.03	2.1m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.194m	10Hz (DC>=0.98)

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

Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.981	0.08	5.141m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.981	0.08	5.303m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.98	0.09	5.394m	10Hz (DC>=0.98)

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024
- ♦ 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 v02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	21.6~23.1℃ / 54~58%	09/Apr/2025~12/Apr/2025
RF Conducted	TH07-HY	Xun Hsieh	21.2~22.6℃ / 52~64%	15/Jan/2025~19/Mar/2025
Co-location	03CH02-HY	Vasari Huang	19.1~19.9℃ / 48~52%	11/Feb/2025
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787			
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego Lin	17.2~19.8℃ / 52~60%	04/Feb/2025~09/Apr/2025

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

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

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port3)	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-
5190MHz	17
5230MHz	17
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-
5210MHz	17

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-
5190MHz	17
5230MHz	17
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-
5210MHz	17

**Non-Beamforming_Radio 2_Full RU_4T1S**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT20_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT40_Nss1,(MCS0)_4TX	-
5190MHz	15
5230MHz	17
802.11be EHT80_Nss1,(MCS0)_4TX	-
5210MHz	16

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-
5210MHz	13

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-
5210MHz	17

Non-Beamforming_Radio 2_Multi-RU_4T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5210MHz	11.5

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5210MHz	15

Non-Beamforming_Radio 2_Channel Puncturing_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	-
5210MHz	15.5

**Non-Beamforming_Radio 2_Channel Puncturing_4T1S**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5210MHz	14

Non-Beamforming_Scan Radio

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	15
5200MHz	15
5240MHz	15
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5180MHz	15
5200MHz	15
5240MHz	15

Beamforming_Radio 2

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	17
5240MHz	17
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	15
5230MHz	17
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	16

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 (Radio 2 2TX,4TX)	V (Radio 2 1TX,Scan)	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
2	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
3	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
4	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
Refer to Sporton Test Report No.: FA510630 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Low Profile Mounting Bracket	Brand Name	Cisco	Model Name	AIR-AP-BRACKET-1
Ceiling grid clip	Brand Name	Cisco	Model Name	AIR-AP-T-RAIL-R

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

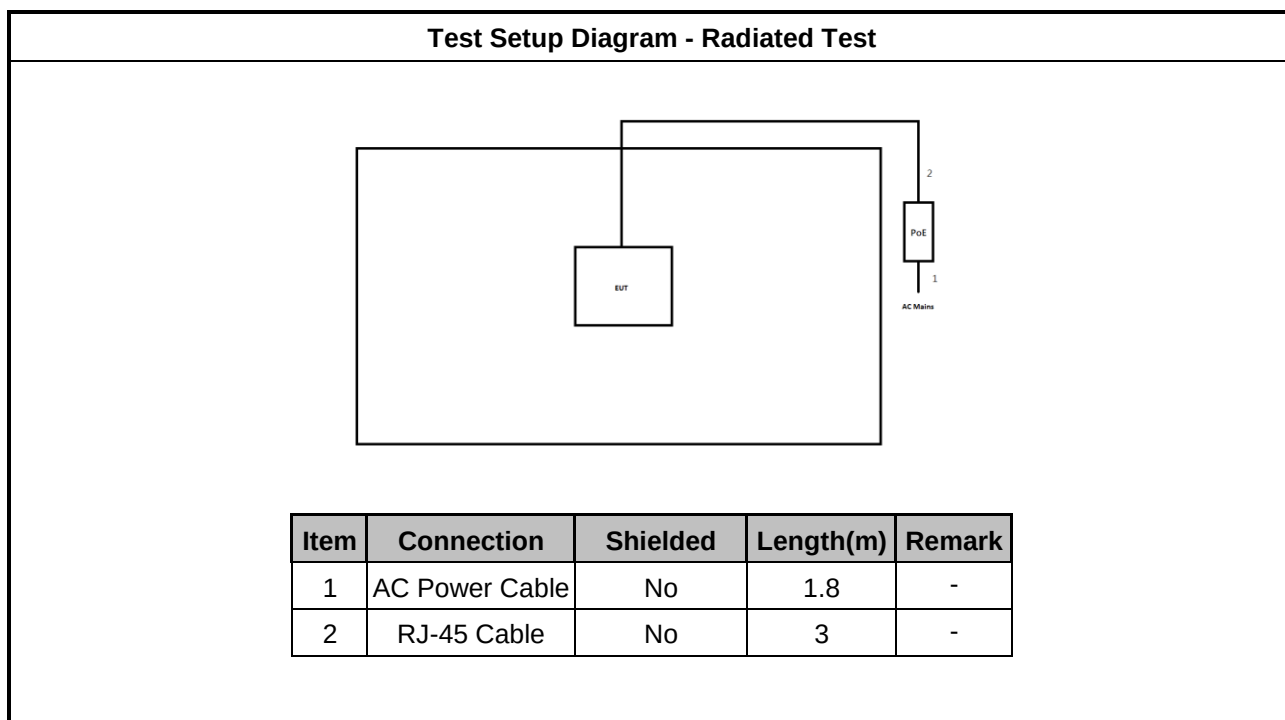
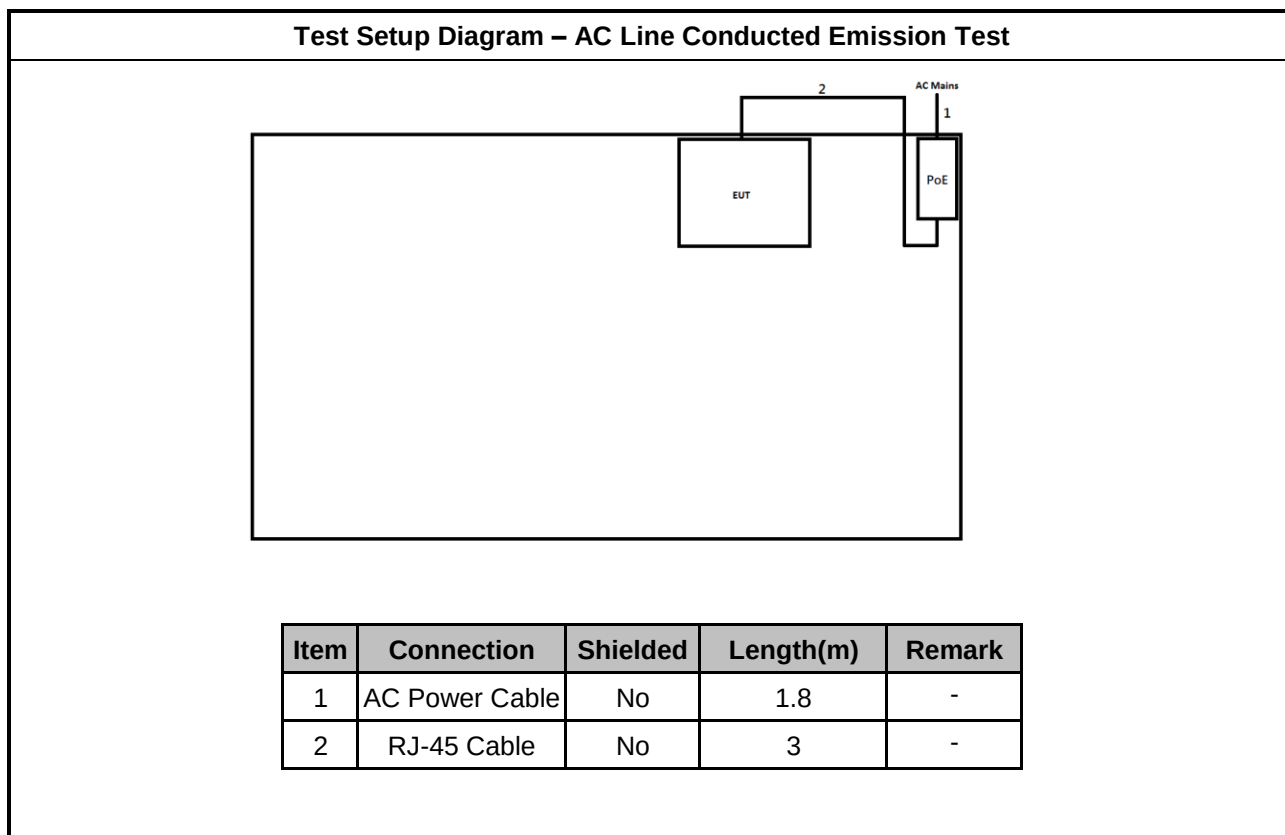
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	DELTA	ADH-65AR P(D)	-	Provided by Customer
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

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	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	PoE	DELTA	ADH-65AR P(D)	-	Provided by Customer

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

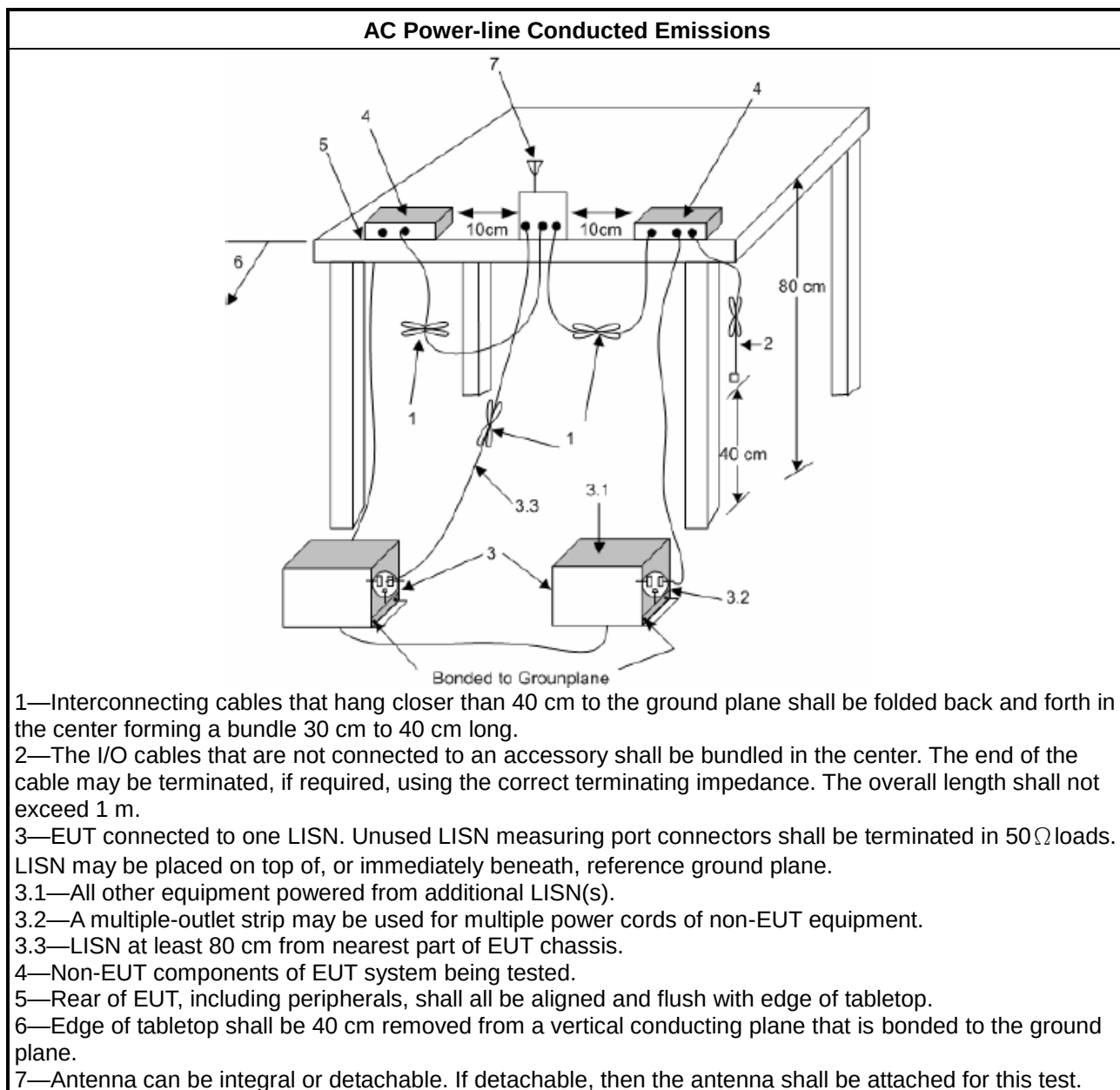
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 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.

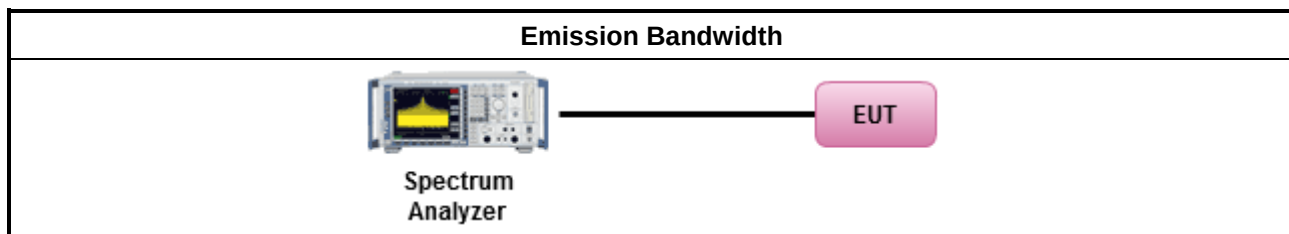
3.2.2 Measuring Instruments

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.	

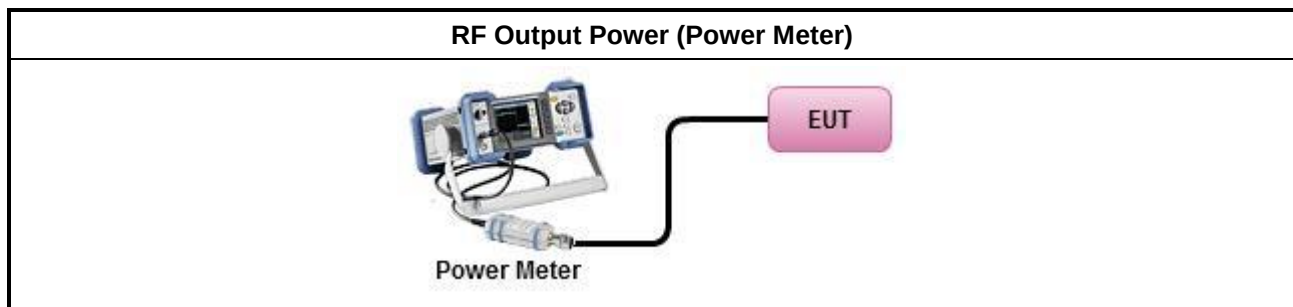
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed 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.	

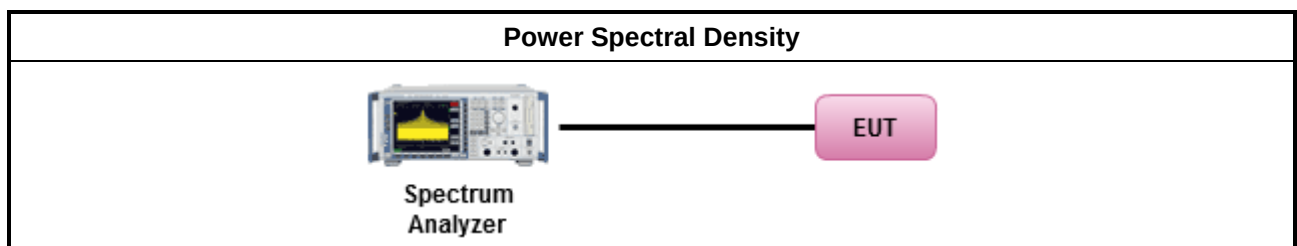
3.4.2 Measuring Instruments

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 4.1.5.2.3), Reduced VBW. ☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), measurement procedure peak limit.	
	For radiated measurement.
	- Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m. - Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m. - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	- The any unwanted emissions level shall not exceed the fundamental emission level. - All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

Test Method	
For conducted and cabinet radiation measurement, refer as KDB 789033, clause G)3).	For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

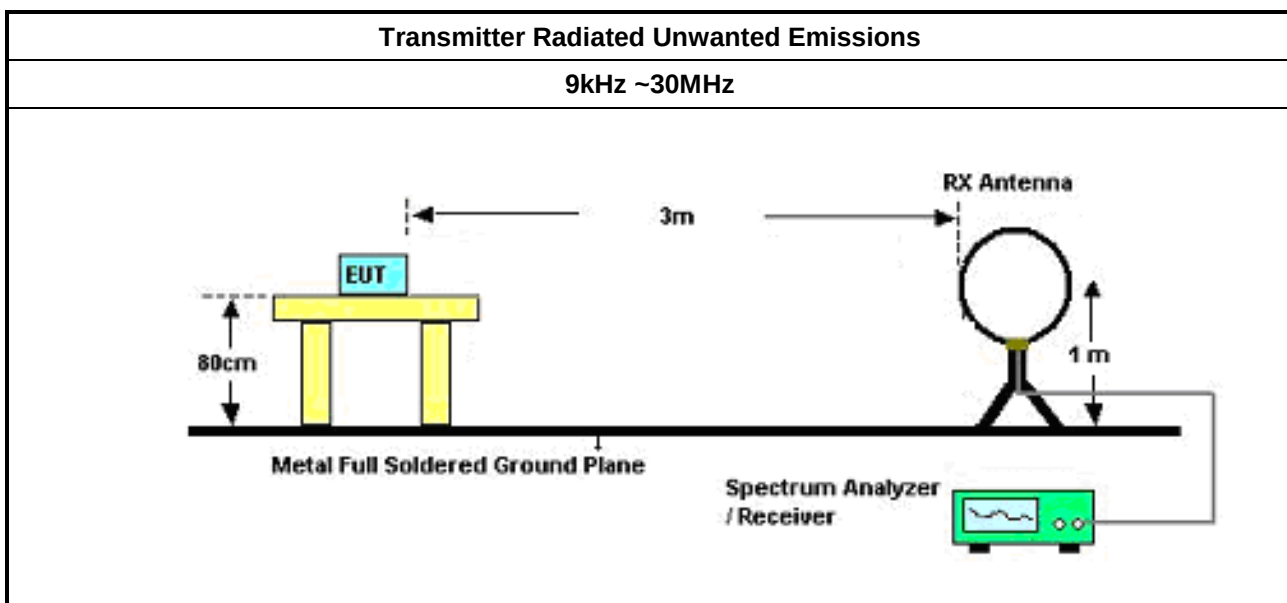
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

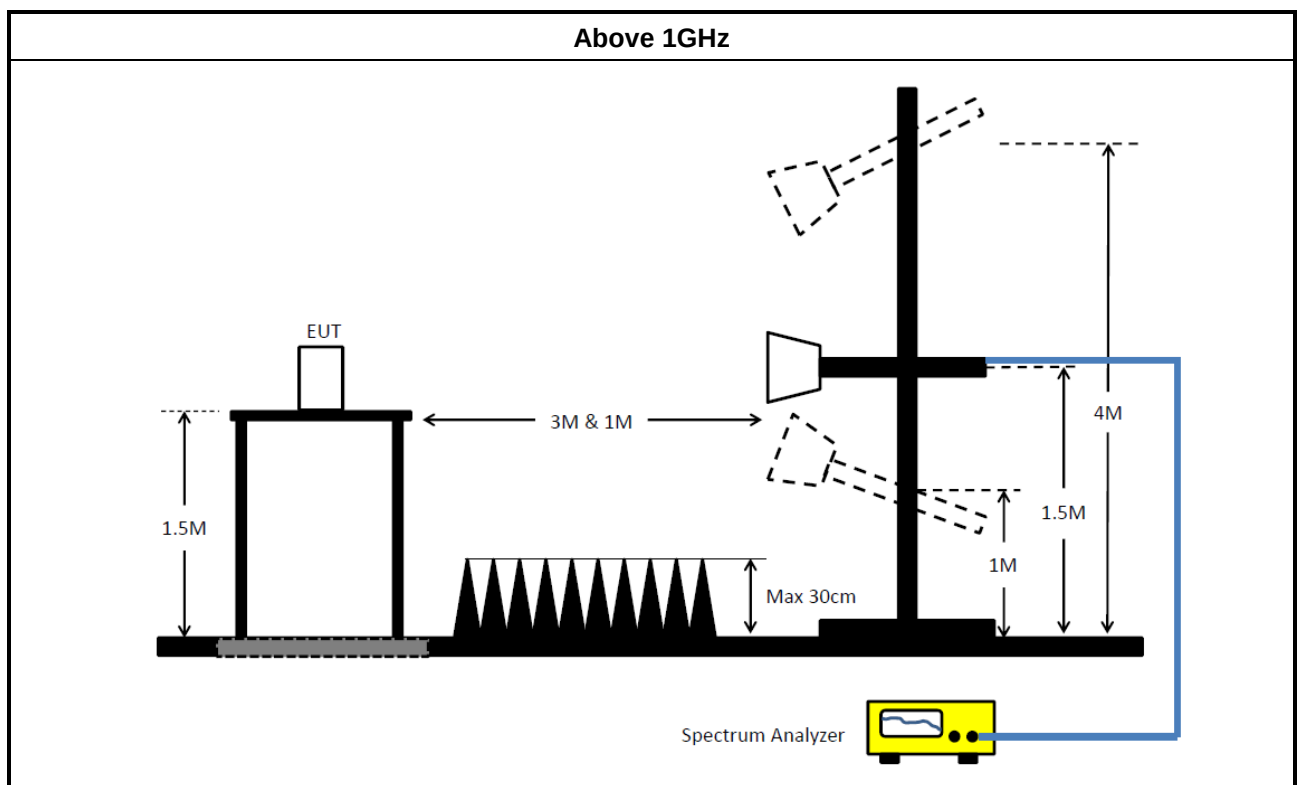
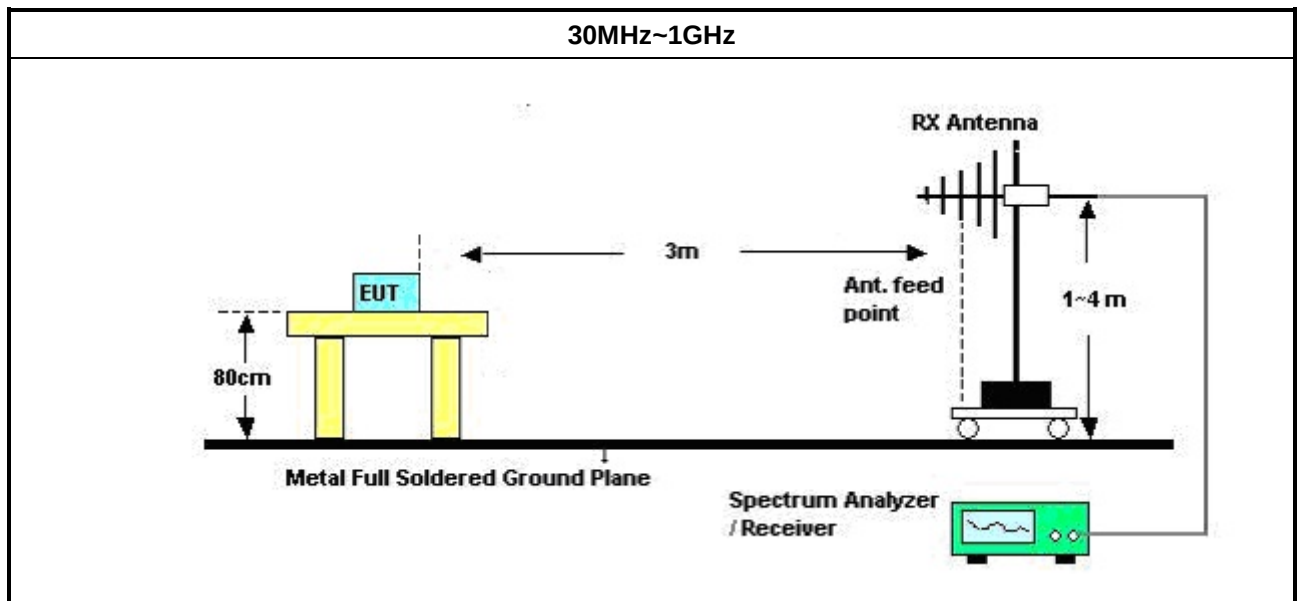
3.5.4 Measurement Results Calculation

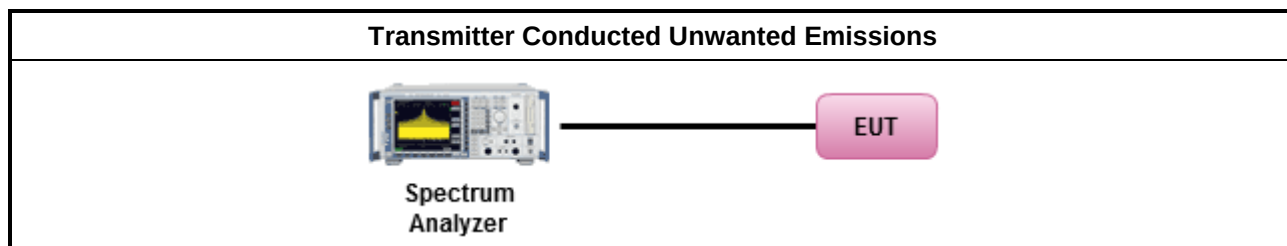
The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp 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	101578	9kHz ~ 30MHz	11/Oct/2024	10/Oct/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
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	FSV3044	101439	10Hz~44GHz	23/Dec/2024	22/Dec/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

**Instrument for Radiated Test_Full RU (03CH09-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	08/Mar/2024	07/Mar/2025
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	07/Mar/2025	06/Mar/2026
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	07/Mar/2024	06/Mar/2025
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	04/Oct/2024	03/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	20/Feb/2024	19/Feb/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	19/Feb/2025	18/Feb/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Preamplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2024	07/Apr/2025
Preamplifier	EMC	EMC9135	980232	9kHz~1GHz	09/Apr/2025	08/Apr/2026
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407_NII	Sporton	V5.11.21	NA	NA	NA	NA

Instrument for Radiated Test_Multi-RU, Channel Puncturing (03CH09-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	07/Mar/2024	06/Mar/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	04/Oct/2024	03/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407_NII	Sporton	V5.11.21	NA	NA	NA	NA

**Instrument for Radiated Test Co-location**

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	N/A	N/A	N/A	N/A



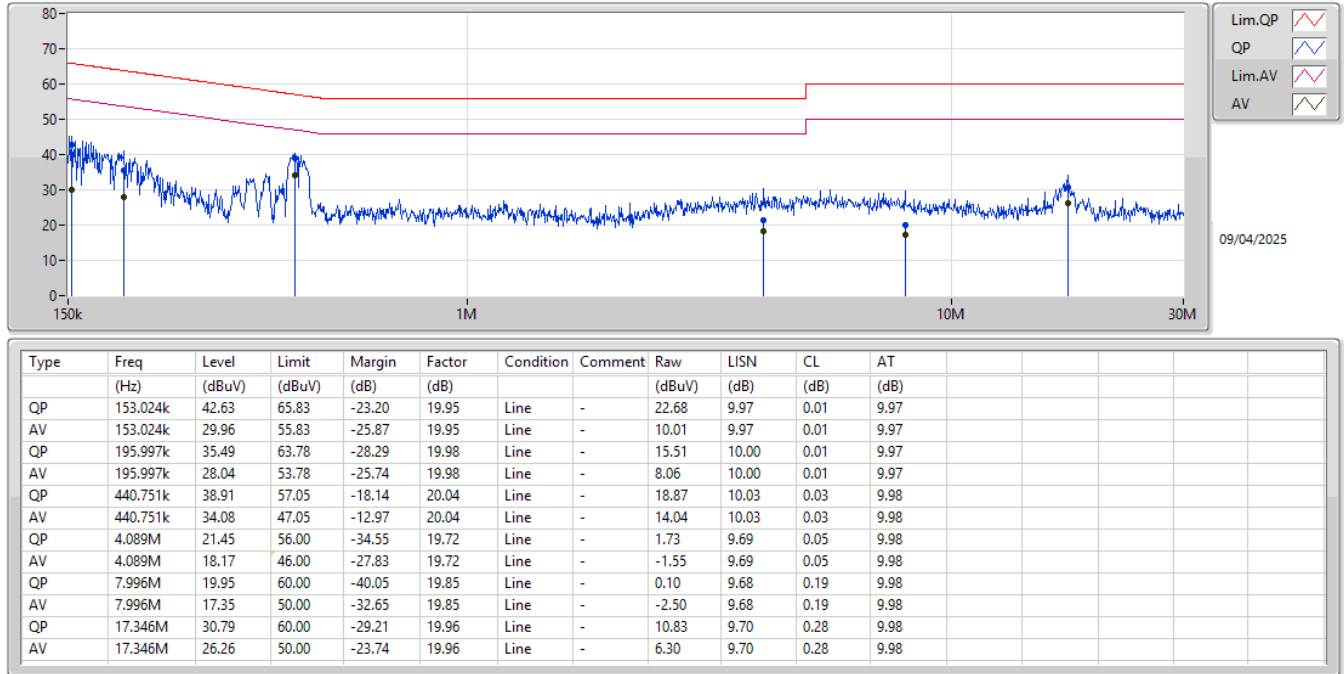
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	440.751k	34.08	47.05	-12.97	Line

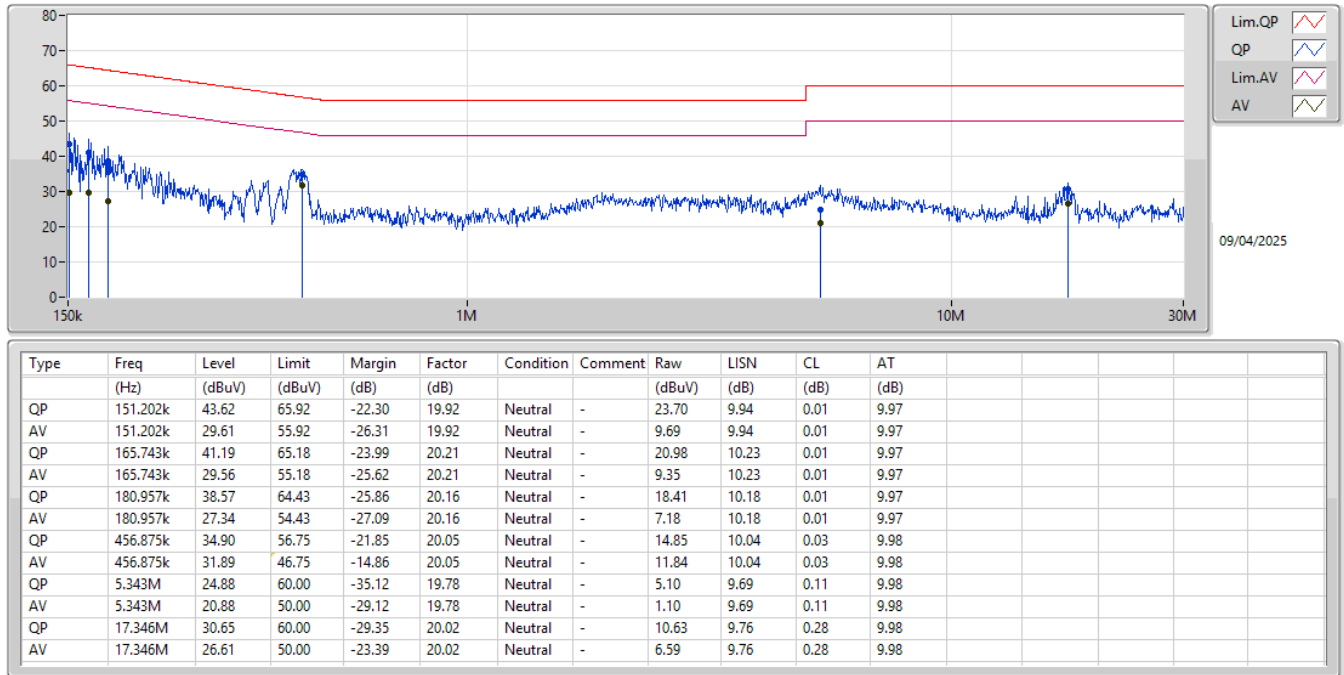
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	42.63	65.83	-23.20	Line	-
Mode 1	Pass	AV	153.024k	29.96	55.83	-25.87	Line	-
Mode 1	Pass	QP	195.997k	35.49	63.78	-28.29	Line	-
Mode 1	Pass	AV	195.997k	28.04	53.78	-25.74	Line	-
Mode 1	Pass	QP	440.751k	38.91	57.05	-18.14	Line	-
Mode 1	Pass	AV	440.751k	34.08	47.05	-12.97	Line	-
Mode 1	Pass	QP	4.089M	21.45	56.00	-34.55	Line	-
Mode 1	Pass	AV	4.089M	18.17	46.00	-27.83	Line	-
Mode 1	Pass	QP	7.996M	19.95	60.00	-40.05	Line	-
Mode 1	Pass	AV	7.996M	17.35	50.00	-32.65	Line	-
Mode 1	Pass	QP	17.346M	30.79	60.00	-29.21	Line	-
Mode 1	Pass	AV	17.346M	26.26	50.00	-23.74	Line	-
Mode 1	Pass	QP	151.202k	43.62	65.92	-22.30	Neutral	-
Mode 1	Pass	AV	151.202k	29.61	55.92	-26.31	Neutral	-
Mode 1	Pass	QP	165.743k	41.19	65.18	-23.99	Neutral	-
Mode 1	Pass	AV	165.743k	29.56	55.18	-25.62	Neutral	-
Mode 1	Pass	QP	180.957k	38.57	64.43	-25.86	Neutral	-
Mode 1	Pass	AV	180.957k	27.34	54.43	-27.09	Neutral	-
Mode 1	Pass	QP	456.875k	34.90	56.75	-21.85	Neutral	-
Mode 1	Pass	AV	456.875k	31.89	46.75	-14.86	Neutral	-
Mode 1	Pass	QP	5.343M	24.88	60.00	-35.12	Neutral	-
Mode 1	Pass	AV	5.343M	20.88	50.00	-29.12	Neutral	-
Mode 1	Pass	QP	17.346M	30.65	60.00	-29.35	Neutral	-
Mode 1	Pass	AV	17.346M	26.61	50.00	-23.39	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





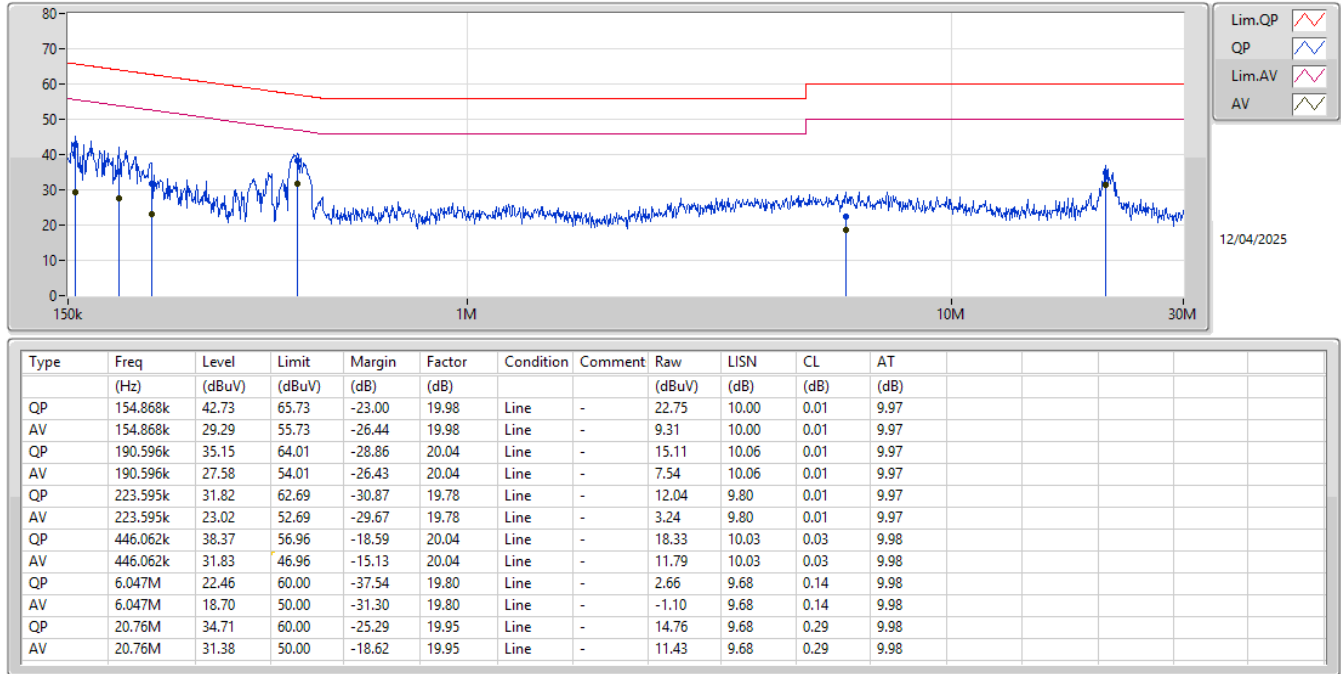
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	446.062k	31.83	46.96	-15.13	Line

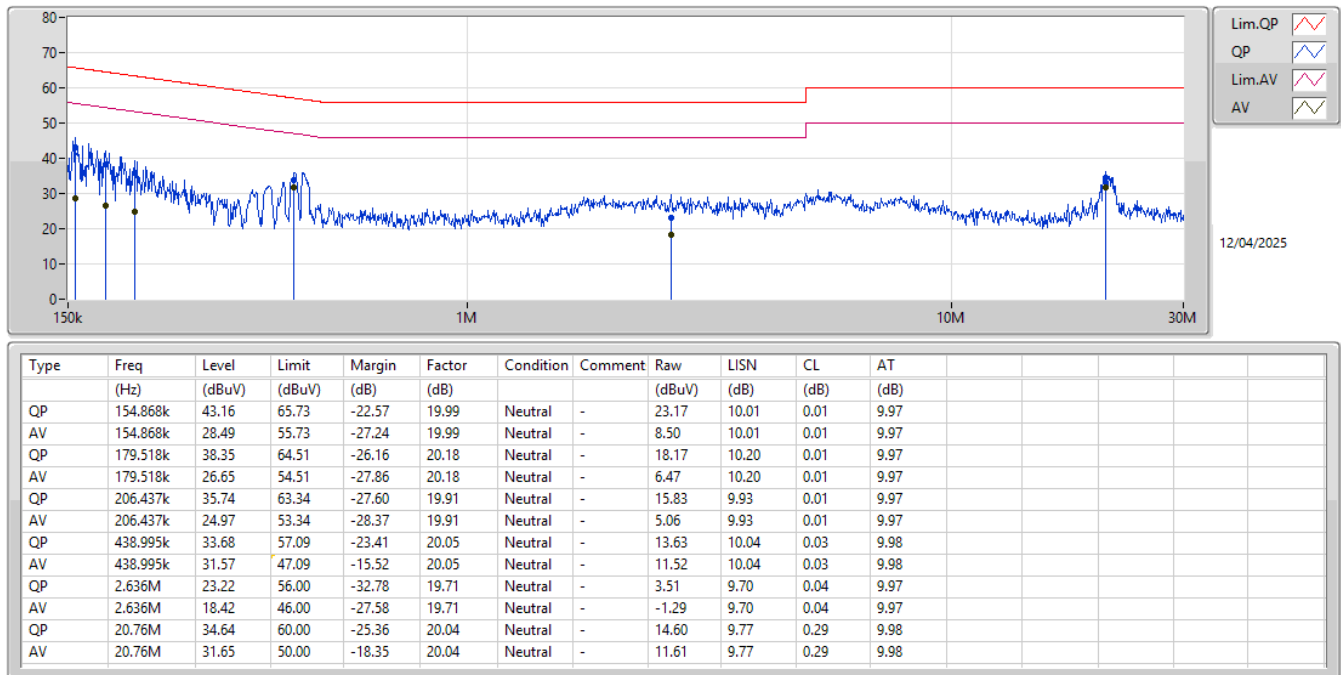
Result

Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.868k	42.73	65.73	-23.00	Line	-
Mode 1	Pass	AV	154.868k	29.29	55.73	-26.44	Line	-
Mode 1	Pass	QP	190.596k	35.15	64.01	-28.86	Line	-
Mode 1	Pass	AV	190.596k	27.58	54.01	-26.43	Line	-
Mode 1	Pass	QP	223.595k	31.82	62.69	-30.87	Line	-
Mode 1	Pass	AV	223.595k	23.02	52.69	-29.67	Line	-
Mode 1	Pass	QP	446.062k	38.37	56.96	-18.59	Line	-
Mode 1	Pass	AV	446.062k	31.83	46.96	-15.13	Line	-
Mode 1	Pass	QP	6.047M	22.46	60.00	-37.54	Line	-
Mode 1	Pass	AV	6.047M	18.70	50.00	-31.30	Line	-
Mode 1	Pass	QP	20.76M	34.71	60.00	-25.29	Line	-
Mode 1	Pass	AV	20.76M	31.38	50.00	-18.62	Line	-
Mode 1	Pass	QP	154.868k	43.16	65.73	-22.57	Neutral	-
Mode 1	Pass	AV	154.868k	28.49	55.73	-27.24	Neutral	-
Mode 1	Pass	QP	179.518k	38.35	64.51	-26.16	Neutral	-
Mode 1	Pass	AV	179.518k	26.65	54.51	-27.86	Neutral	-
Mode 1	Pass	QP	206.437k	35.74	63.34	-27.60	Neutral	-
Mode 1	Pass	AV	206.437k	24.97	53.34	-28.37	Neutral	-
Mode 1	Pass	QP	438.995k	33.68	57.09	-23.41	Neutral	-
Mode 1	Pass	AV	438.995k	31.57	47.09	-15.52	Neutral	-
Mode 1	Pass	QP	2.636M	23.22	56.00	-32.78	Neutral	-
Mode 1	Pass	AV	2.636M	18.42	46.00	-27.58	Neutral	-
Mode 1	Pass	QP	20.76M	34.64	60.00	-25.36	Neutral	-
Mode 1	Pass	AV	20.76M	31.65	50.00	-18.35	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	22.055M	16.702M	16M7D1D	21.615M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	22.33M	19.06M	19M1D1D	21.12M	19.011M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	41.8M	38.08M	38M1D1D	40.26M	37.986M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	86.9M	77.446M	77M4D1D	86.9M	77.446M

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 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-
5180MHz	Pass	Inf	21.67M	16.702M
5200MHz	Pass	Inf	21.615M	16.646M
5240MHz	Pass	Inf	22.055M	16.648M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5180MHz	Pass	Inf	21.395M	19.06M
5200MHz	Pass	Inf	21.12M	19.044M
5240MHz	Pass	Inf	22.33M	19.011M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.986M
5230MHz	Pass	Inf	41.8M	38.08M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5210MHz	Pass	Inf	86.9M	77.446M

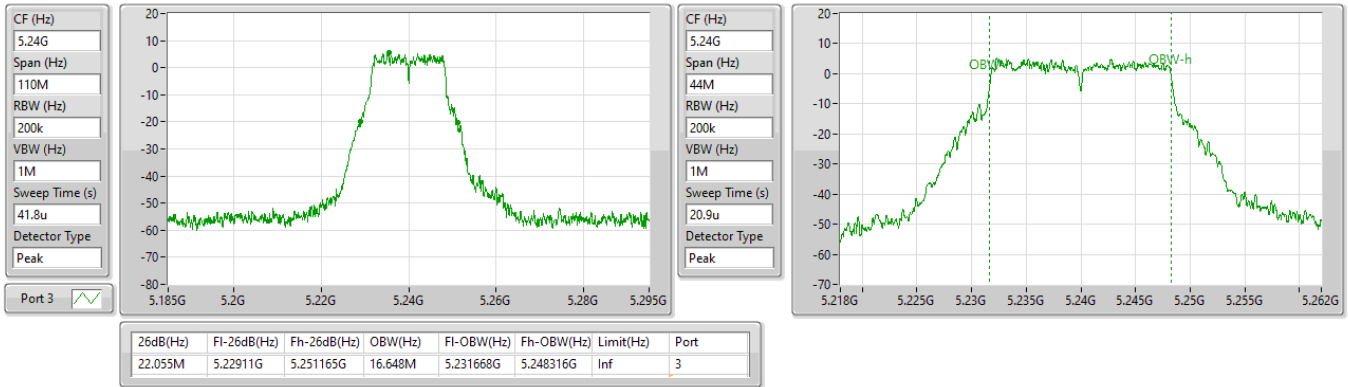
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5240MHz

25/01/2025

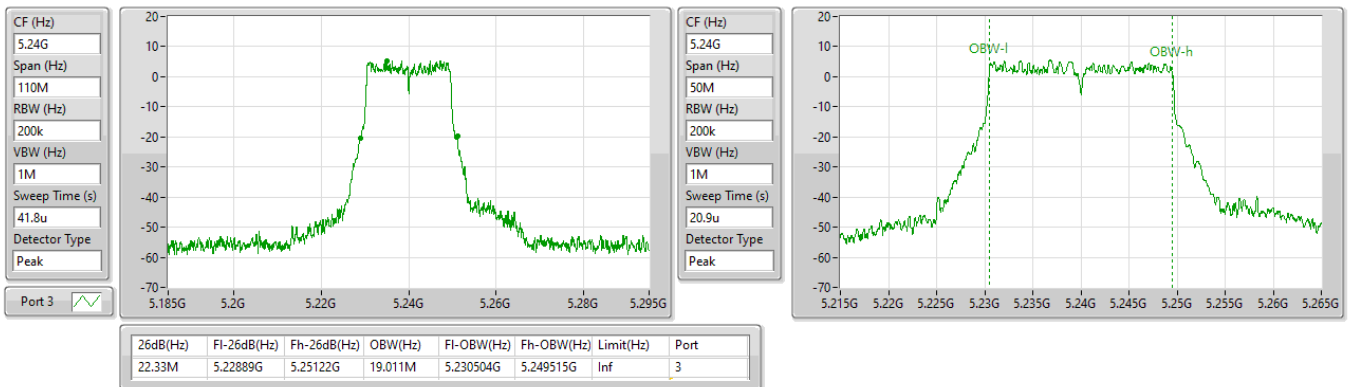


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5240MHz

25/01/2025

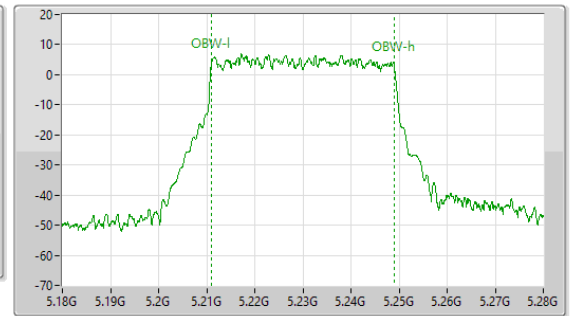
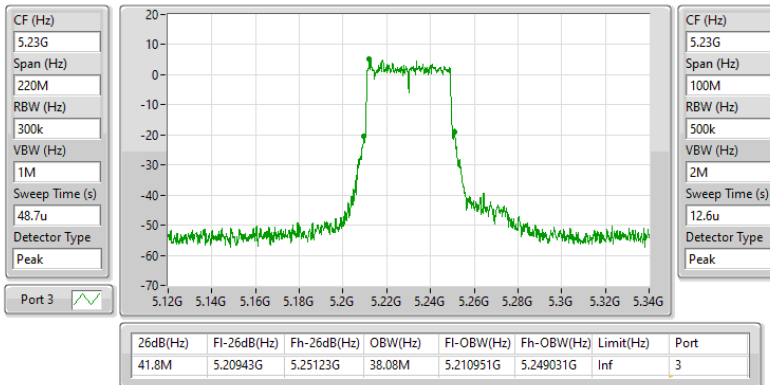


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5230MHz

27/01/2025

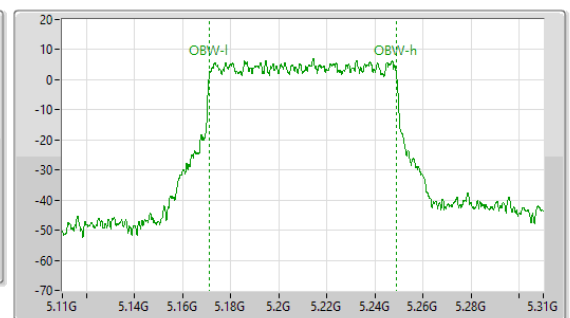
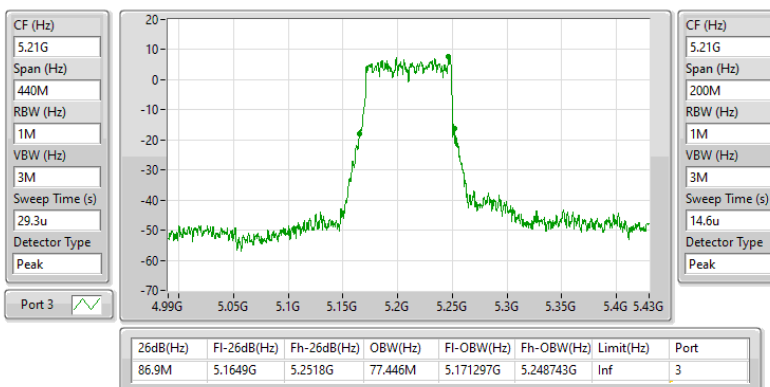


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5210MHz

27/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	22.495M	16.734M	16M7D1D	21.395M	16.637M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	22.11M	19.15M	19M2D1D	20.9M	19.008M
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	42.79M	38.217M	38M2D1D	40.59M	37.828M
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	81.4M	77.674M	77M7D1D	81.18M	77.556M

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 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
5180MHz	Pass	Inf	21.725M	16.698M	22.495M	16.637M
5200MHz	Pass	Inf	21.78M	16.692M	21.395M	16.689M
5240MHz	Pass	Inf	21.67M	16.7M	21.89M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5180MHz	Pass	Inf	22.11M	19.066M	20.9M	19.15M
5200MHz	Pass	Inf	22.055M	19.065M	21.615M	19.126M
5240MHz	Pass	Inf	21.175M	19.046M	21.615M	19.008M
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5190MHz	Pass	Inf	40.7M	37.828M	42.79M	38.138M
5230MHz	Pass	Inf	41.36M	37.831M	40.59M	38.217M
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5210MHz	Pass	Inf	81.18M	77.674M	81.4M	77.556M

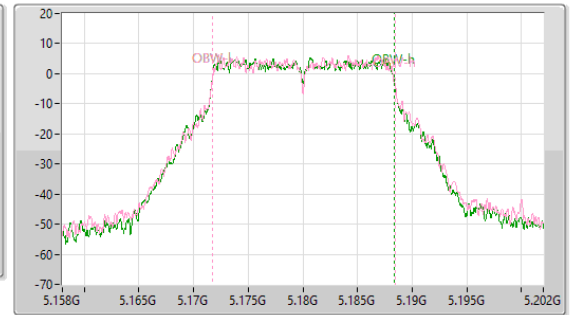
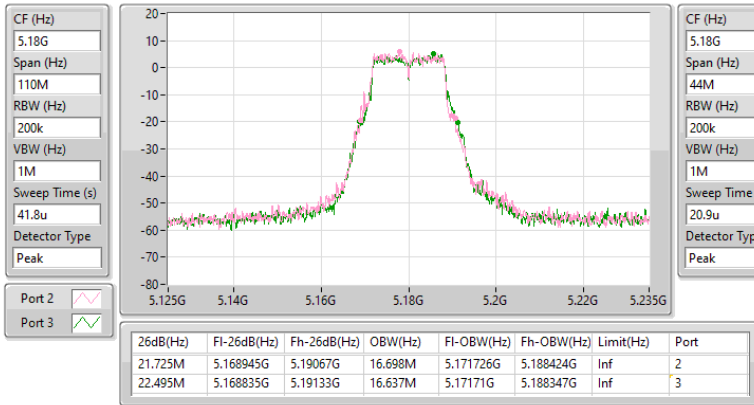
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

EBW

5180MHz

27/01/2025

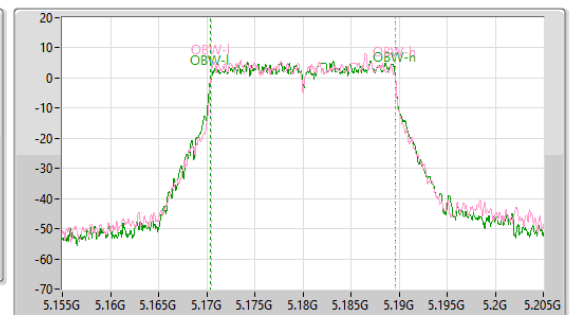
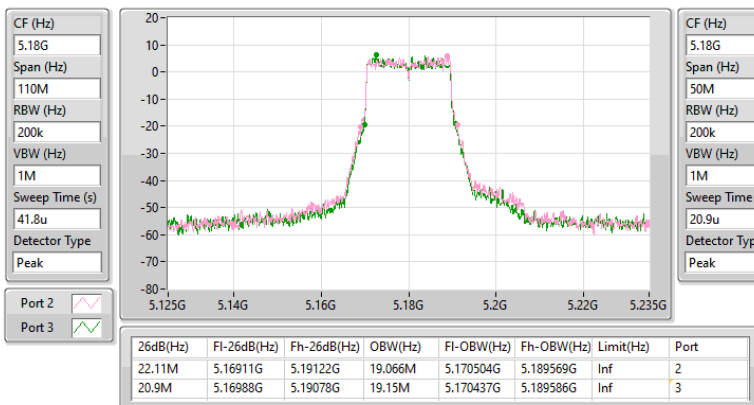


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5180MHz

27/01/2025

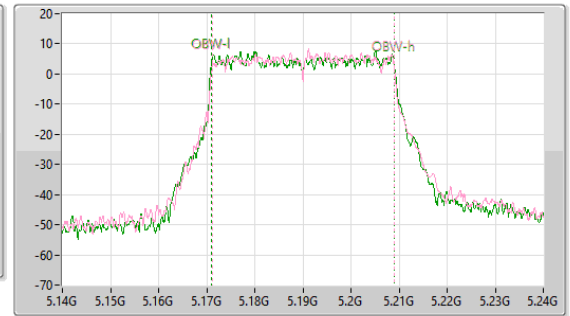
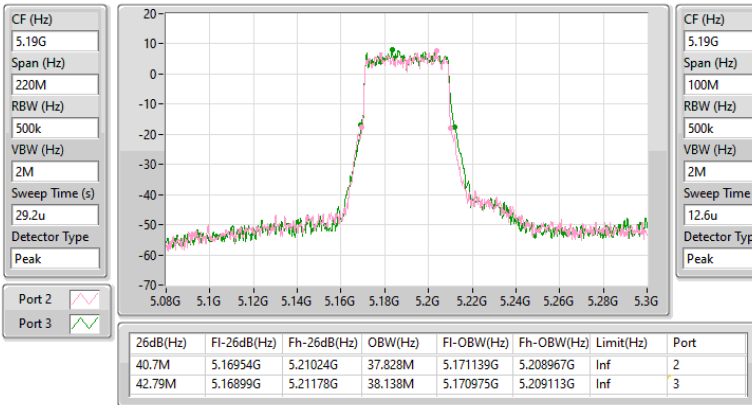


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5190MHz

27/01/2025

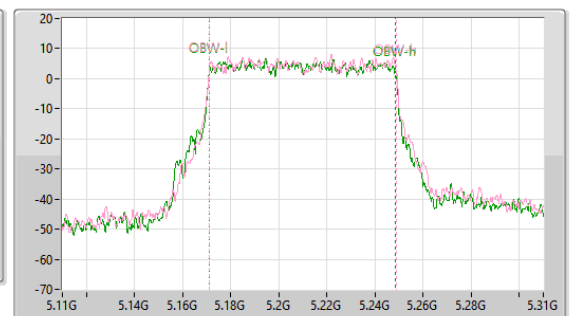
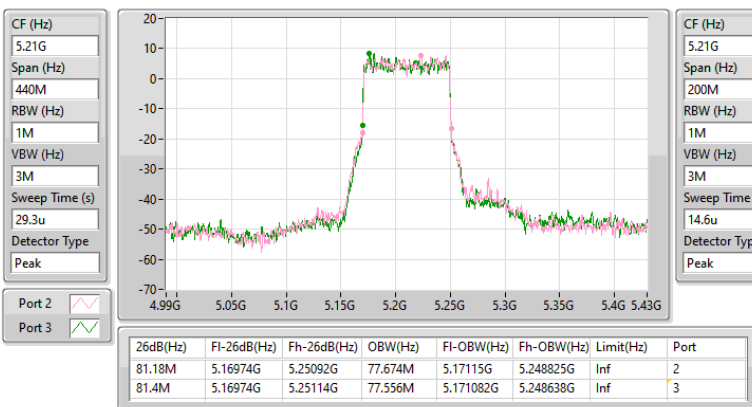


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5210MHz

27/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.495M	16.818M	16M8D1D	20.68M	16.566M
802.11be EHT20_Nss1,(MCS0)_4TX	22.11M	19.193M	19M2D1D	21.01M	18.957M
802.11be EHT40_Nss1,(MCS0)_4TX	42.24M	38.114M	38M1D1D	40.37M	37.804M
802.11be EHT80_Nss1,(MCS0)_4TX	87.56M	77.831M	77M8D1D	82.28M	77.512M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.56M	16.666M	22.495M	16.717M	22.275M	16.628M	22.44M	16.818M
5200MHz	Pass	Inf	22.44M	16.738M	22.44M	16.566M	21.945M	16.688M	21.395M	16.744M
5240MHz	Pass	Inf	21.835M	16.719M	22.22M	16.803M	22.11M	16.609M	20.68M	16.782M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.01M	18.971M	22.055M	19.012M	21.89M	18.993M	21.725M	19.057M
5200MHz	Pass	Inf	22.11M	18.957M	21.505M	19.01M	21.34M	19.004M	21.56M	19.032M
5240MHz	Pass	Inf	21.505M	19.193M	21.56M	18.99M	21.89M	19M	21.065M	19.14M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.8M	38.001M	42.24M	37.876M	41.47M	37.972M	40.92M	37.898M
5230MHz	Pass	Inf	40.7M	37.896M	40.48M	37.911M	41.03M	38.114M	40.37M	37.804M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.28M	77.831M	87.56M	77.58M	82.5M	77.574M	86.46M	77.512M

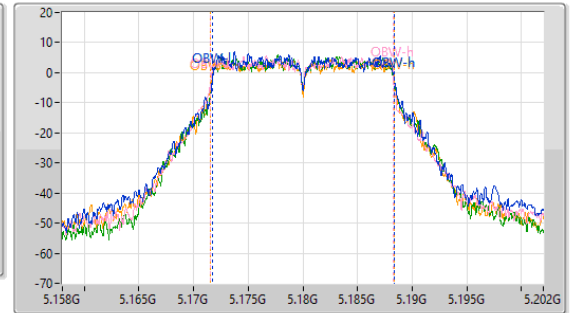
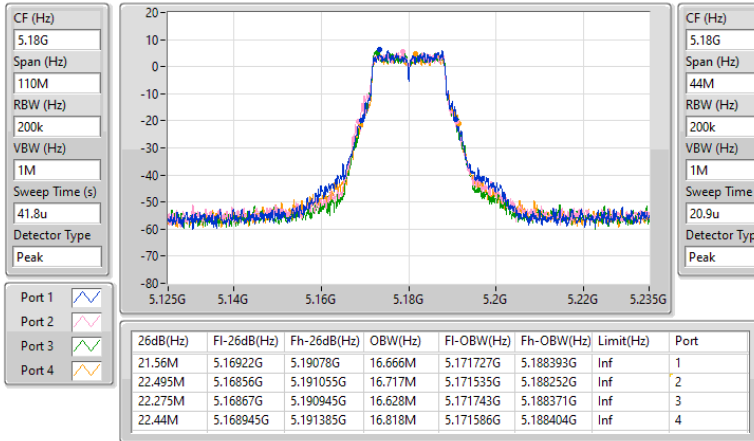
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

25/01/2025

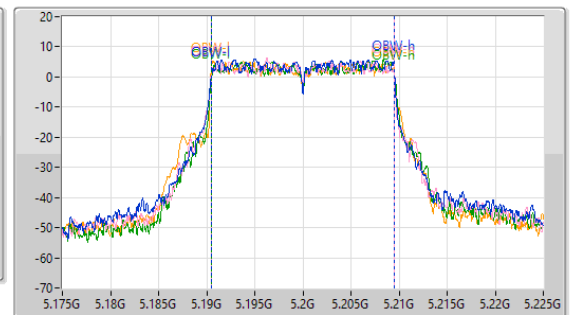
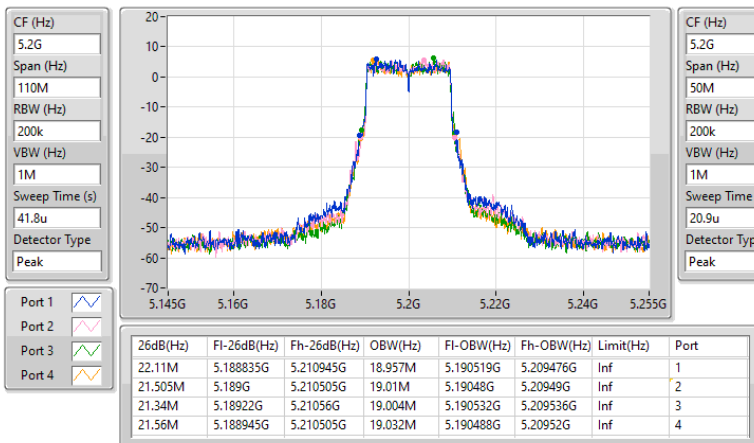


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

25/01/2025

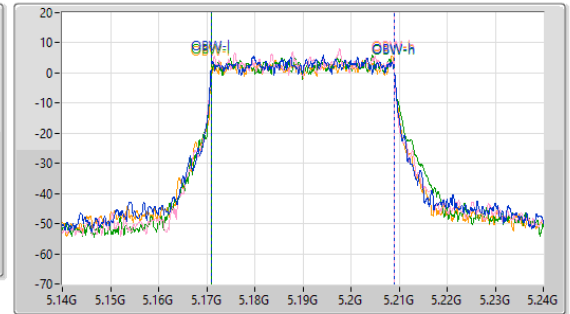
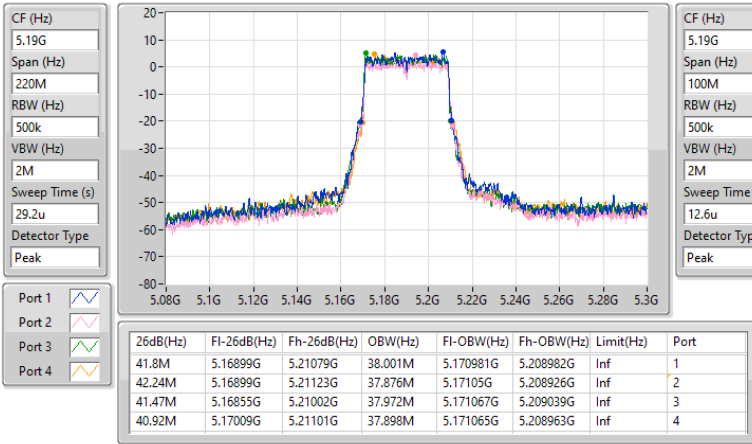


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

25/01/2025

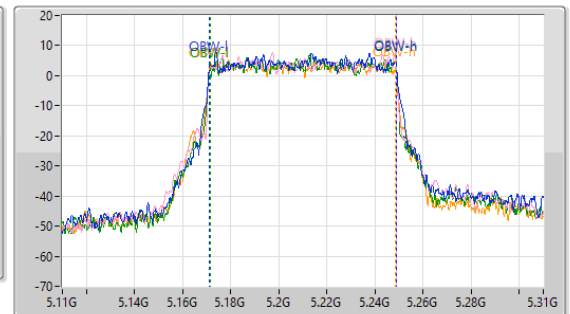
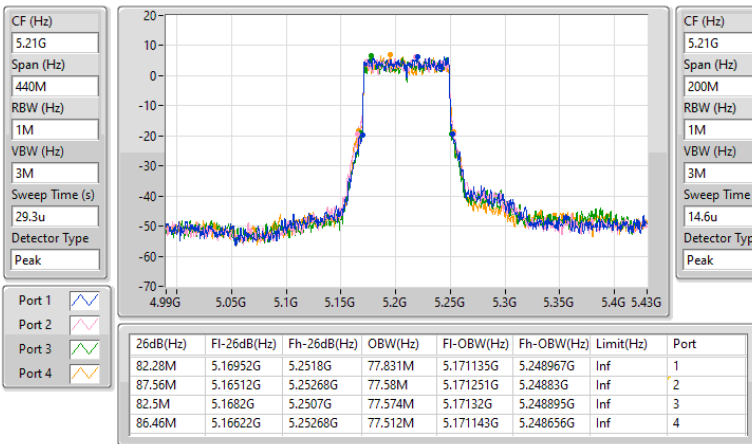


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

25/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.36M	16.318M	16M3D1D	18.26M	16.238M
802.11ax HEW20_Nss1,(MCS0)_1TX	20.24M	18.836M	18M8D1D	20.02M	18.756M

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	19.36M	16.318M
5200MHz	Pass	Inf	18.26M	16.238M
5240MHz	Pass	Inf	18.755M	16.288M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	20.02M	18.804M
5200MHz	Pass	Inf	20.24M	18.836M
5240MHz	Pass	Inf	20.075M	18.756M

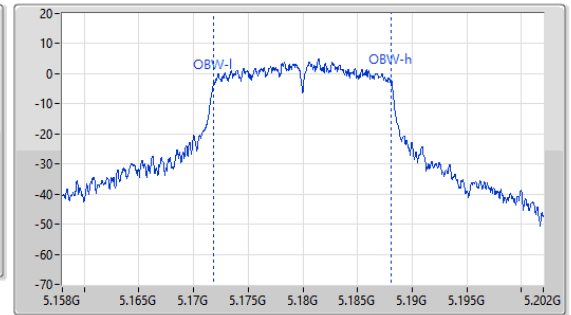
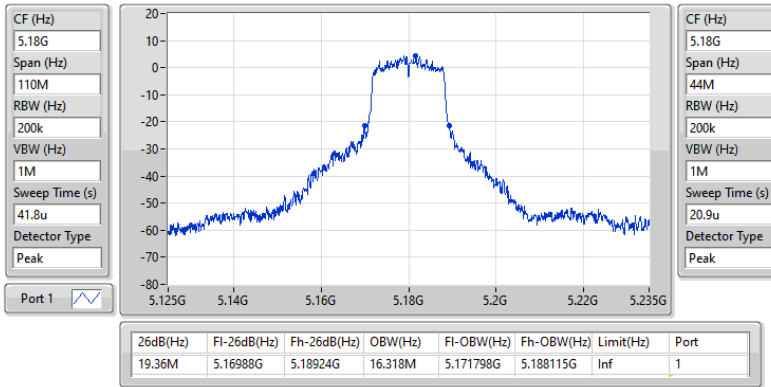
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

28/01/2025

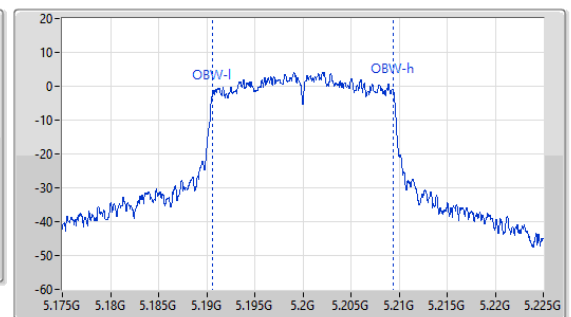
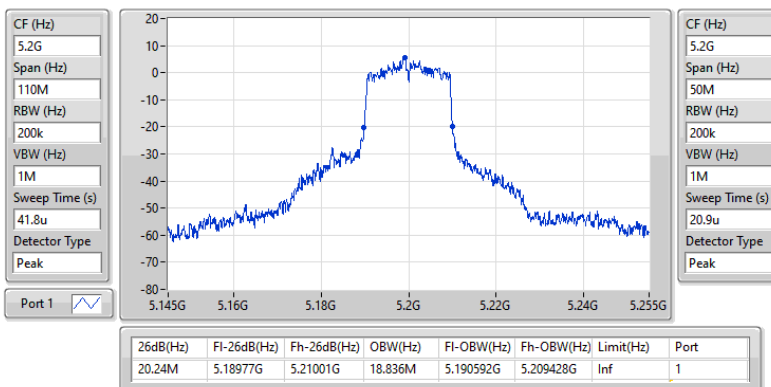


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

28/01/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	17.30	0.05370
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	17.41	0.05508
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	17.27	0.05333
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	16.98	0.04989

**Result**

Mode	Result	DG (dBi)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5180MHz	Pass	4.89	17.30	17.30	30.00
5200MHz	Pass	4.89	17.18	17.18	30.00
5240MHz	Pass	4.89	17.02	17.02	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5180MHz	Pass	4.89	17.41	17.41	30.00
5200MHz	Pass	4.89	17.30	17.30	30.00
5240MHz	Pass	4.89	17.22	17.22	30.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5190MHz	Pass	4.89	17.22	17.22	30.00
5230MHz	Pass	4.89	17.27	17.27	30.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5210MHz	Pass	4.89	16.98	16.98	30.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	20.24	0.10568
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	20.43	0.11041
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	20.46	0.11117
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	20.07	0.10162

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
5180MHz	Pass	4.89	17.37	17.08	20.24	30.00
5200MHz	Pass	4.89	17.27	17.06	20.18	30.00
5240MHz	Pass	4.89	17.07	16.95	20.02	30.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5180MHz	Pass	4.89	17.48	17.35	20.43	30.00
5200MHz	Pass	4.89	17.52	17.15	20.35	30.00
5240MHz	Pass	4.89	17.56	17.18	20.38	30.00
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5190MHz	Pass	4.89	17.45	17.23	20.35	30.00
5230MHz	Pass	4.89	17.56	17.33	20.46	30.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5210MHz	Pass	4.89	17.21	16.91	20.07	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.32	0.21478
802.11be EHT20_Nss1,(MCS0)_4TX	23.50	0.22387
802.11be EHT40_Nss1,(MCS0)_4TX	23.39	0.21827
802.11be EHT80_Nss1,(MCS0)_4TX	22.18	0.16520

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.89	17.37	17.56	17.28	16.96	23.32	30.00
5200MHz	Pass	4.89	17.60	17.51	17.12	16.91	23.31	30.00
5240MHz	Pass	4.89	17.50	17.53	17.05	16.86	23.27	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.89	17.49	17.61	17.43	17.21	23.46	30.00
5200MHz	Pass	4.89	17.78	17.67	17.35	17.10	23.50	30.00
5240MHz	Pass	4.89	17.70	17.60	17.30	17.14	23.46	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.89	15.59	15.72	15.53	15.04	21.50	30.00
5230MHz	Pass	4.89	17.59	17.56	17.35	16.93	23.39	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.89	16.59	16.10	16.21	15.67	22.18	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.47	0.03524
802.11ax HEW20_Nss1,(MCS0)_1TX	15.21	0.03319



Average Power_Non-Beamforming_Scan Radio

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.19	15.18	15.18	30.00
5200MHz	Pass	4.19	15.47	15.47	30.00
5240MHz	Pass	4.19	15.47	15.47	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.19	14.98	14.98	30.00
5200MHz	Pass	4.19	15.10	15.10	30.00
5240MHz	Pass	4.19	15.21	15.21	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.50	0.22387
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.39	0.21827
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.18	0.16520



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.31	17.49	17.61	17.43	17.21	23.46	30.00
5200MHz	Pass	5.31	17.78	17.67	17.35	17.10	23.50	30.00
5240MHz	Pass	5.31	17.70	17.60	17.30	17.14	23.46	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.31	15.59	15.72	15.53	15.04	21.50	30.00
5230MHz	Pass	5.31	17.59	17.56	17.35	16.93	23.39	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.31	16.59	16.10	16.21	15.67	22.18	30.00

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



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	5.74
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	5.26
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	2.24
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-1.12

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



Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5180MHz	Pass	4.89	5.74	5.74	17.00
5200MHz	Pass	4.89	5.51	5.51	17.00
5240MHz	Pass	4.89	5.45	5.45	17.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5180MHz	Pass	4.89	5.26	5.26	17.00
5200MHz	Pass	4.89	5.15	5.15	17.00
5240MHz	Pass	4.89	5.10	5.10	17.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5190MHz	Pass	4.89	2.13	2.13	17.00
5230MHz	Pass	4.89	2.24	2.24	17.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5210MHz	Pass	4.89	-1.12	-1.12	17.00

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

PSD

5180MHz

25/01/2025

CF (Hz)
5.18G

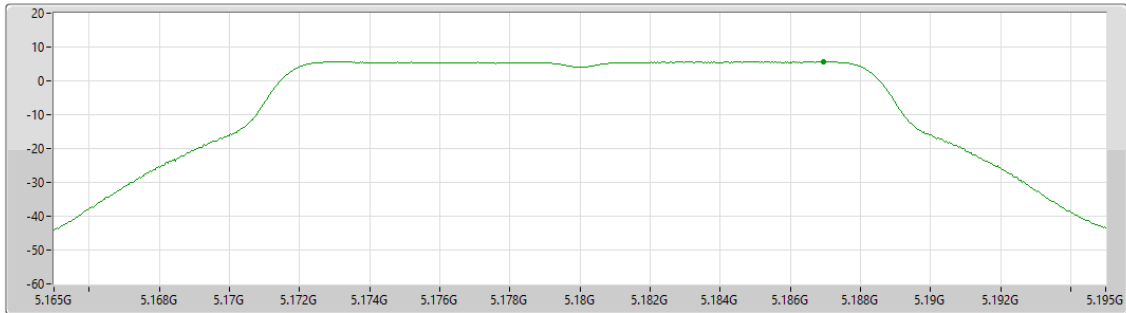
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.74	5.74	-	-	5.74

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

PSD

5180MHz

25/01/2025

CF (Hz)
5.18G

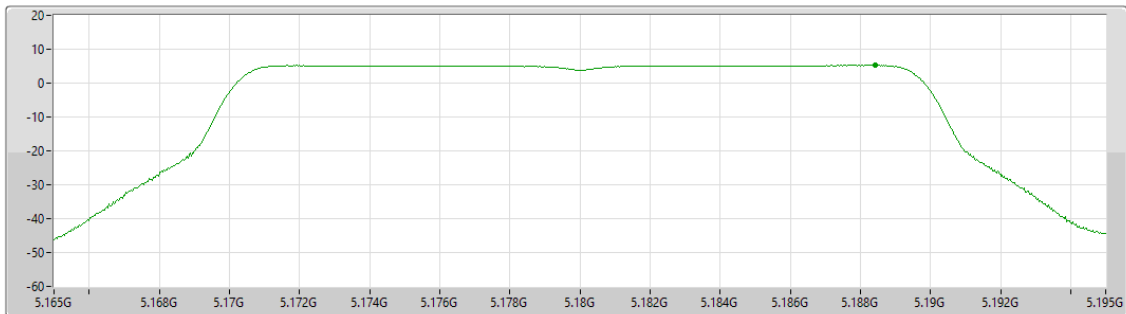
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
51.899

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.26	5.26	-	-	5.26

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

PSD

5230MHz

27/01/2025

CF (Hz)
5.23G

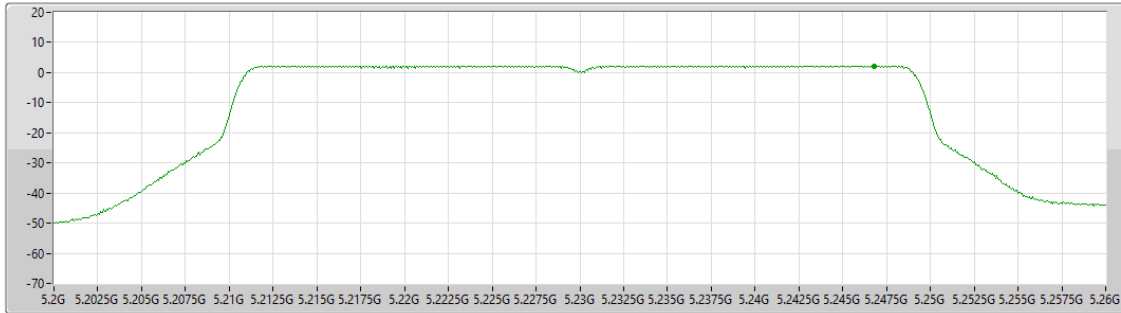
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
53.52

Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-	-	2.24

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5210MHz

27/01/2025

CF (Hz)
5.21G

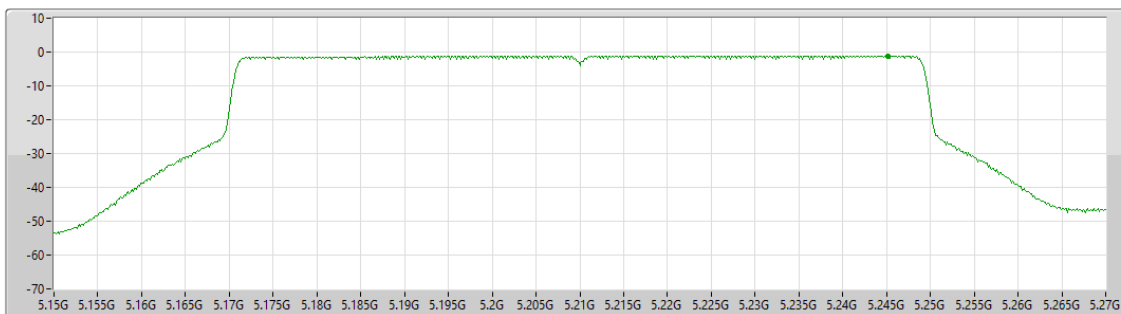
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.62

Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12	-	-	-1.12



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	8.69
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	8.64
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	5.48
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	2.07

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

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
5180MHz	Pass	4.89	5.77	5.63	8.66	17.00
5200MHz	Pass	4.89	5.82	5.62	8.69	17.00
5240MHz	Pass	4.89	5.92	5.52	8.69	17.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5180MHz	Pass	4.89	5.71	5.55	8.63	17.00
5200MHz	Pass	4.89	5.73	5.42	8.57	17.00
5240MHz	Pass	4.89	5.84	5.43	8.64	17.00
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5190MHz	Pass	4.89	2.34	2.21	5.22	17.00
5230MHz	Pass	4.89	2.59	2.36	5.48	17.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5210MHz	Pass	4.89	-0.81	-1.00	2.07	17.00

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

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

PSD

5200MHz

27/01/2025

CF (Hz)
5.2G

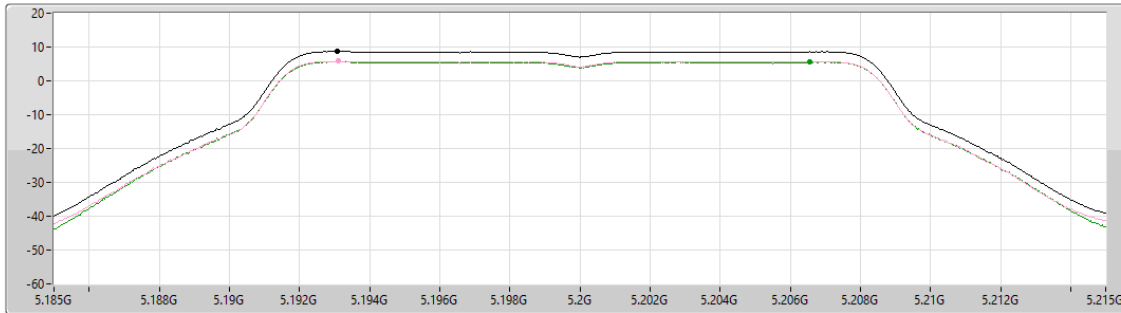
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.69	8.69	-	5.82	5.62

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5240MHz

27/01/2025

CF (Hz)
5.24G

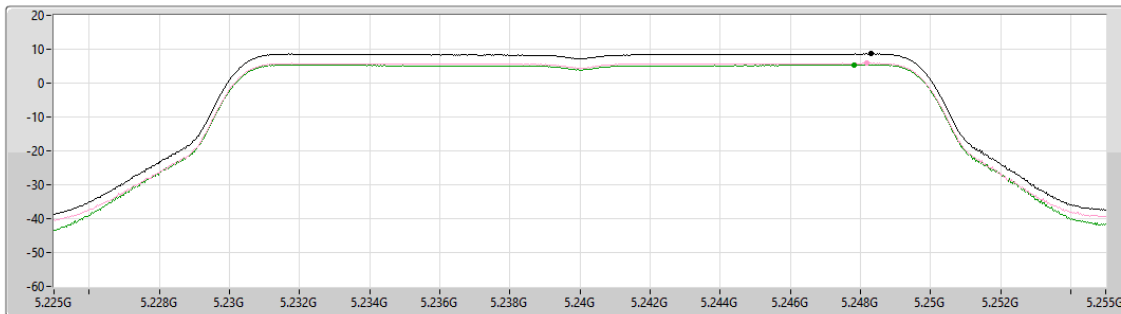
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
51.899

Detector Type
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.64	8.64	-	5.84	5.43

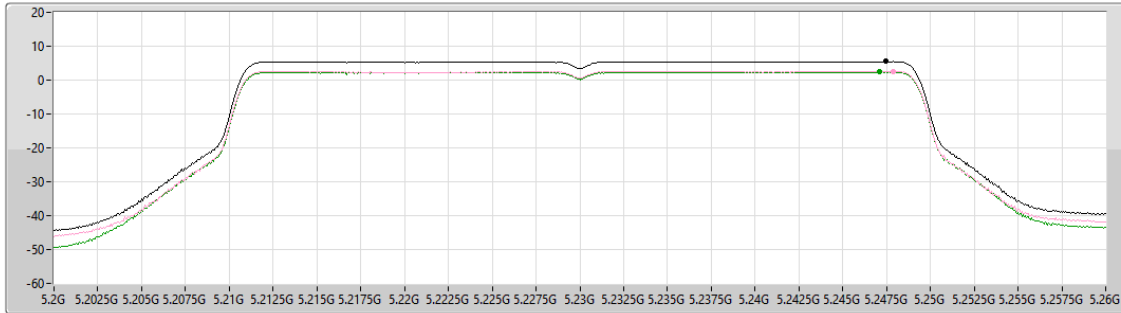
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5230MHz

27/01/2025

CF (Hz)
5.23G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
53.552
Detector Type
RMS



Sum
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	-	2.59	2.36

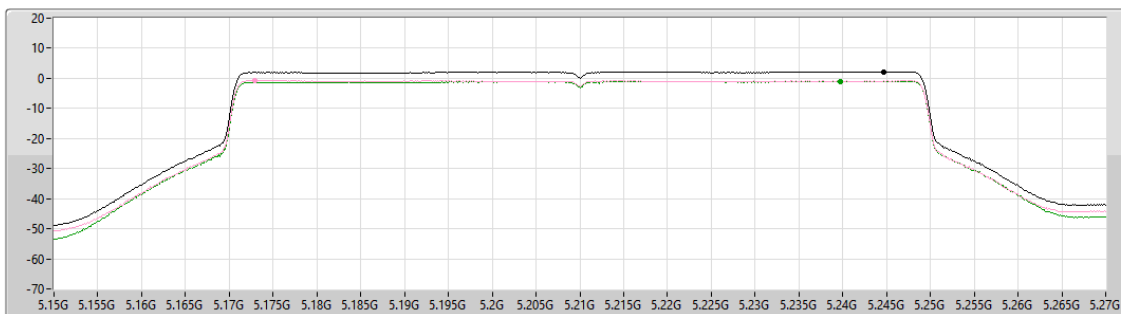
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5210MHz

27/01/2025

CF (Hz)
5.21G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.526
Detector Type
RMS



Sum
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.07	2.07	-	-0.81	-1.00



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.63
802.11be EHT20_Nss1,(MCS0)_4TX	11.29
802.11be EHT40_Nss1,(MCS0)_4TX	8.14
802.11be EHT80_Nss1,(MCS0)_4TX	3.88

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

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.31	5.79	5.86	5.59	5.32	11.61	17.00
5200MHz	Pass	5.31	5.96	5.81	5.44	5.33	11.62	17.00
5240MHz	Pass	5.31	5.92	5.97	5.46	5.34	11.63	17.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.31	5.22	5.38	5.29	4.96	11.19	17.00
5200MHz	Pass	5.31	5.56	5.44	5.20	5.05	11.29	17.00
5240MHz	Pass	5.31	5.49	5.35	5.23	5.09	11.26	17.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.31	0.45	0.63	0.36	-0.21	6.23	17.00
5230MHz	Pass	5.31	2.40	2.41	2.38	1.70	8.14	17.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.31	-1.63	-1.91	-1.89	-2.48	3.88	17.00

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

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

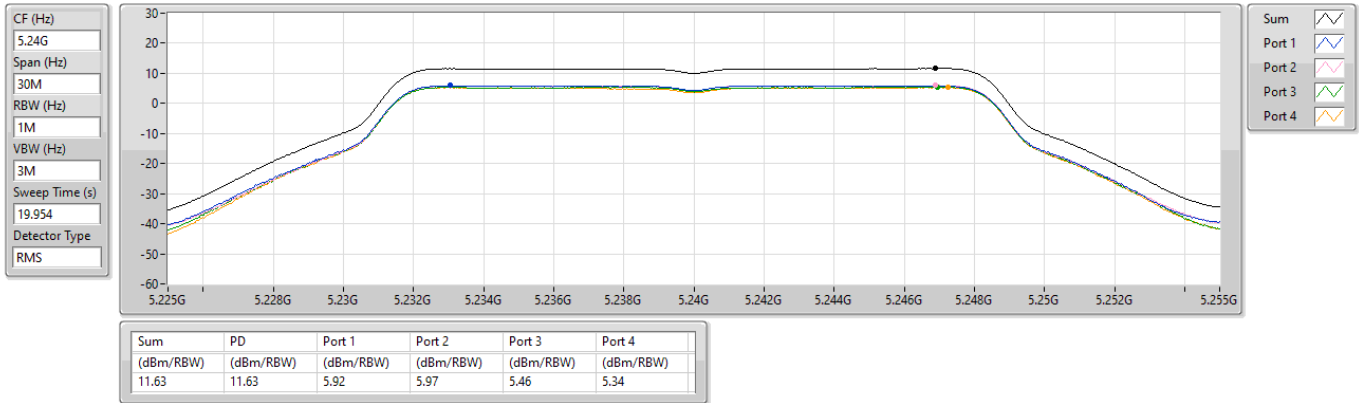
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

25/01/2025

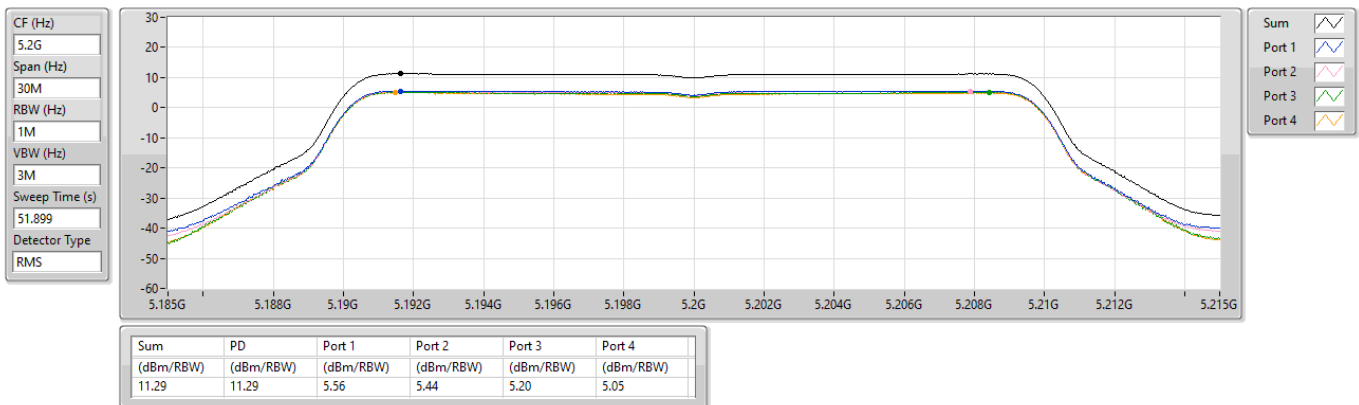


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

25/01/2025

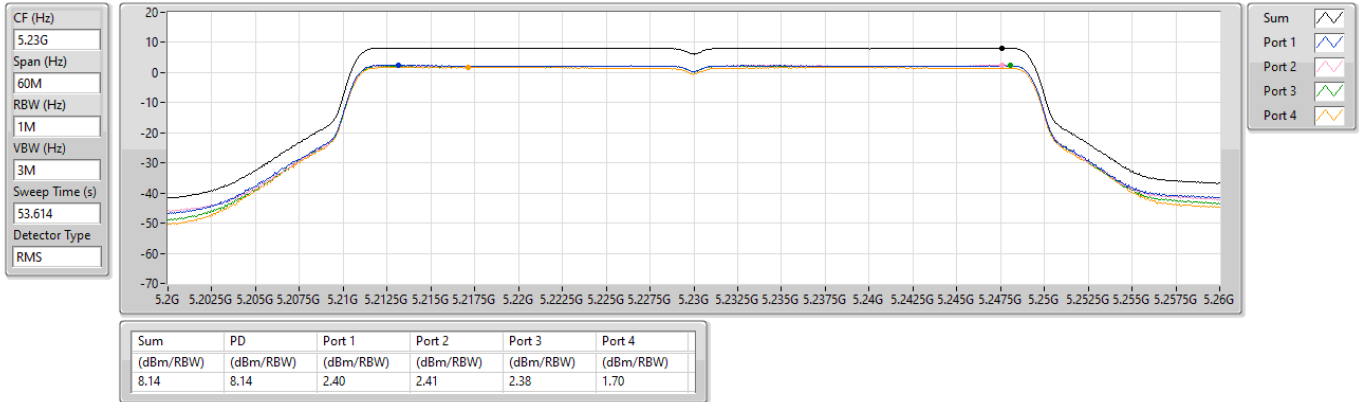


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

25/01/2025

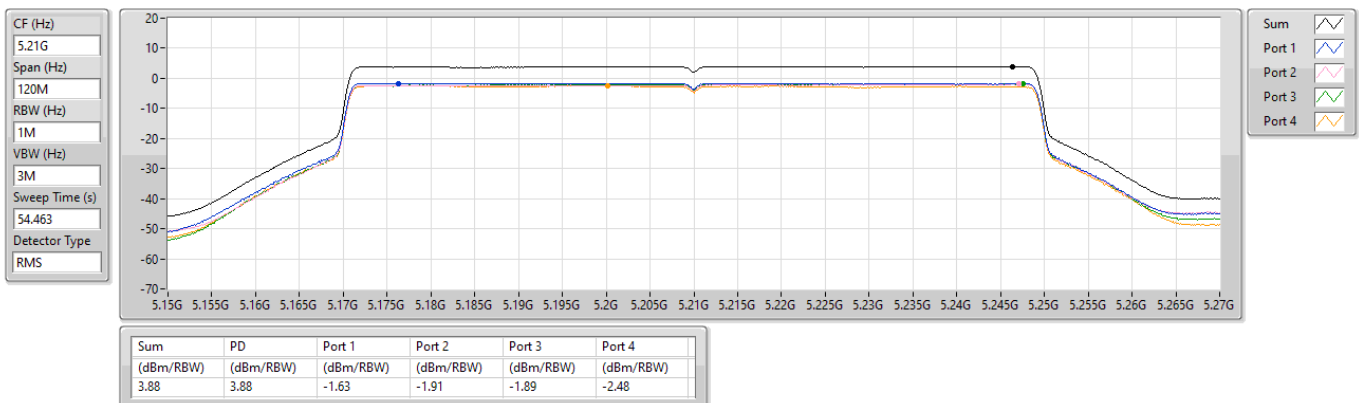


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

25/01/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-1.17

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



Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-	-	-	-	-
5210MHz	Pass	4.89	-1.17	-1.17	17.00

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

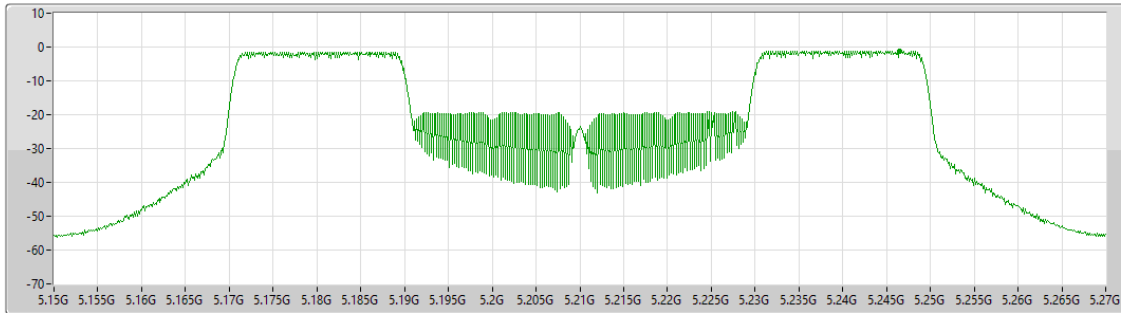
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

PSD

5210MHz

01/02/2025

CF (Hz)
5.21G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
29.812
Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.17	-1.17	-	-	-1.17



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	2.03

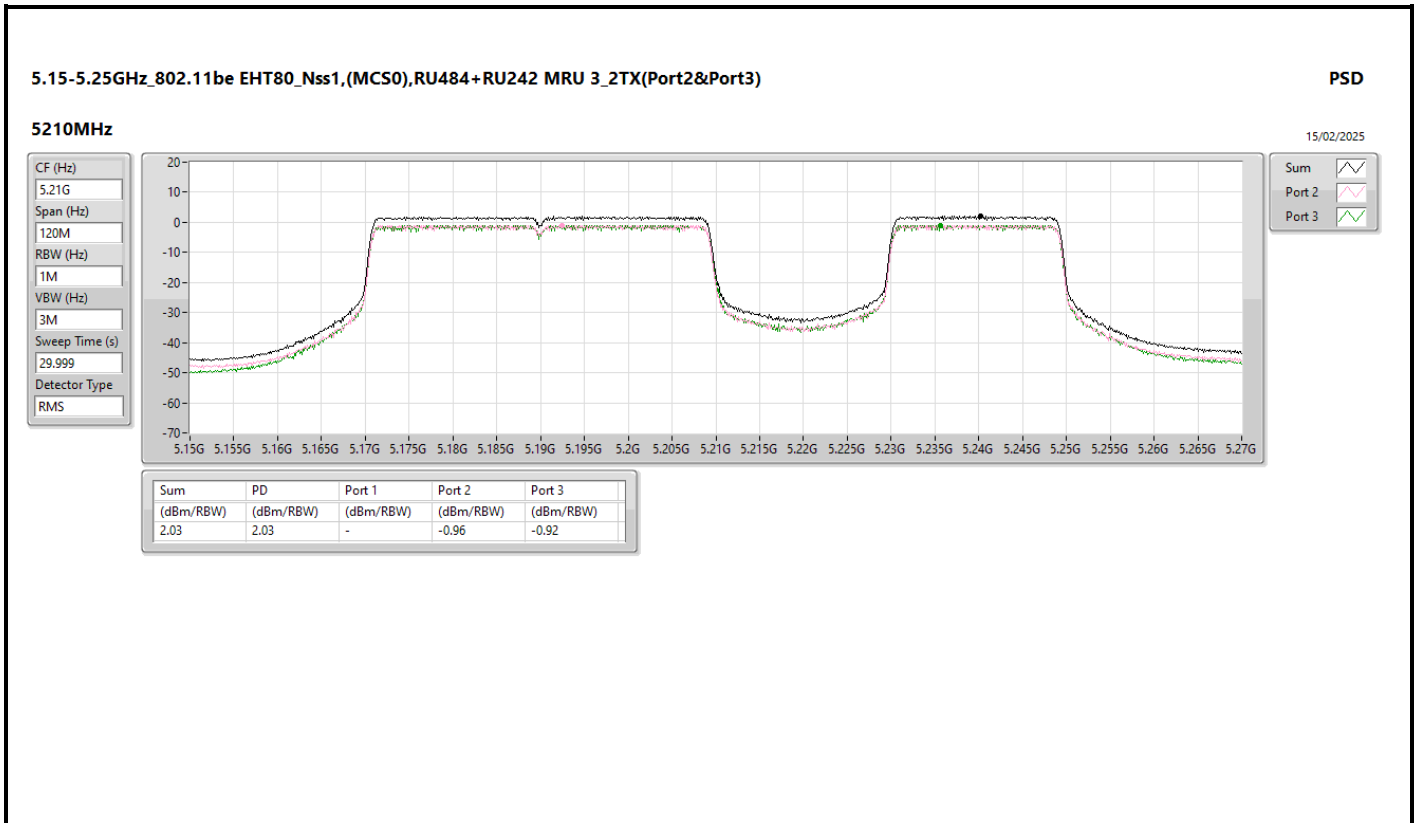
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-	-	-	-	-	-
5210MHz	Pass	4.89	-0.96	-0.92	2.03	17.00

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





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	3.05

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.31	-2.28	-2.75	-2.61	-3.13	3.05	17.00

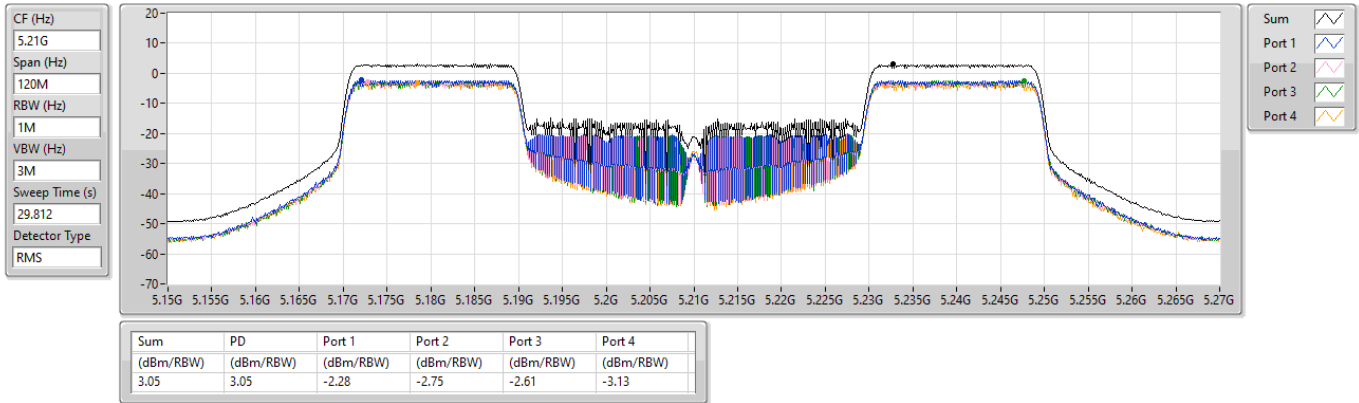
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5210MHz

01/02/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-1,34

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



Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-	-	-	-	-
5210MHz	Pass	4.89	-1.34	-1.34	17.00

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

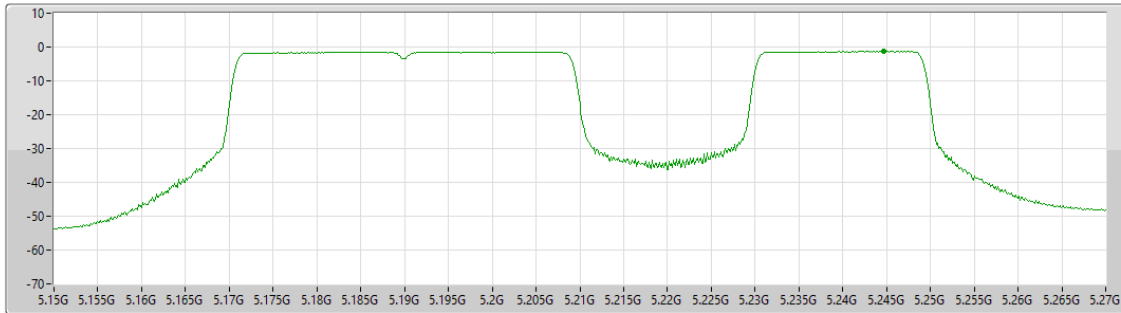
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

PSD

5210MHz

31/01/2025

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



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.34	-1.34	-	-	-1.34



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	1.97

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



Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	-	-	-	-	-	-
5210MHz	Pass	4.89	-0.94	-1.04	1.97	17.00

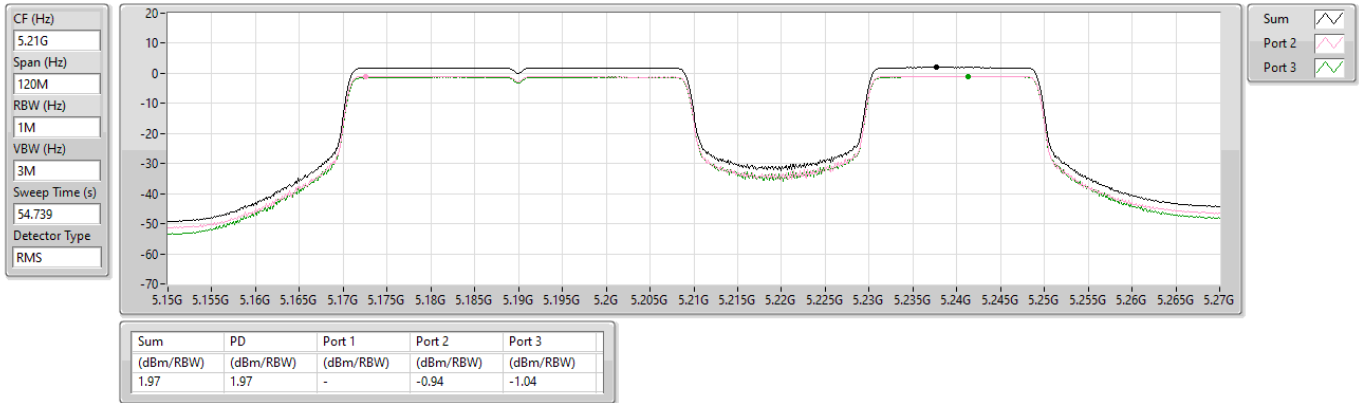
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)

PSD

5210MHz

31/01/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	3.60

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.31	-1.85	-2.25	-2.34	-2.81	3.60	17.00

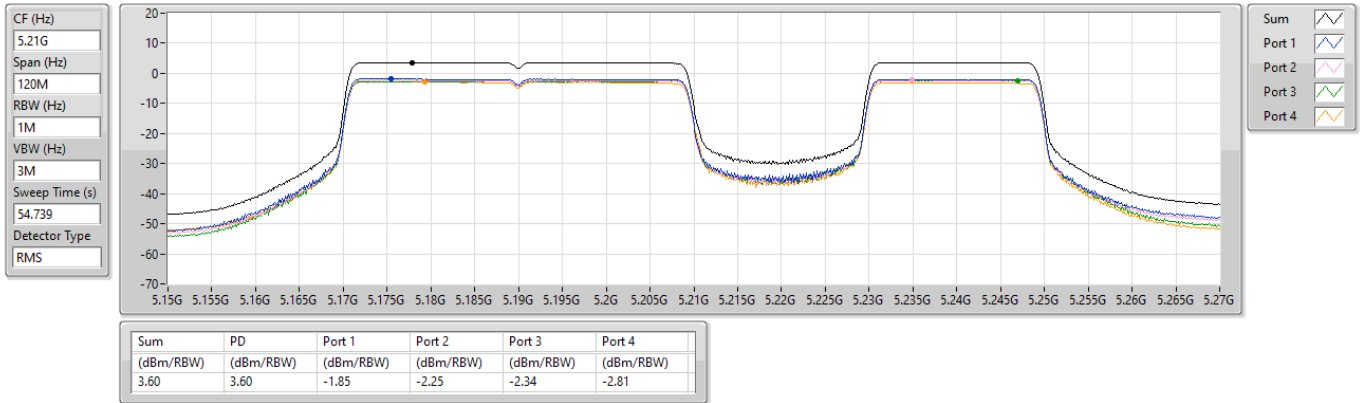
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

PSD

5210MHz

30/01/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.66
802.11ax HEW20_Nss1,(MCS0)_1TX	4.87

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.19	5.22	5.22	17.00
5200MHz	Pass	4.19	5.52	5.52	17.00
5240MHz	Pass	4.19	5.66	5.66	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.19	4.57	4.57	17.00
5200MHz	Pass	4.19	4.74	4.74	17.00
5240MHz	Pass	4.19	4.87	4.87	17.00

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

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

PSD

5240MHz

28/01/2025

CF (Hz)
5.24G

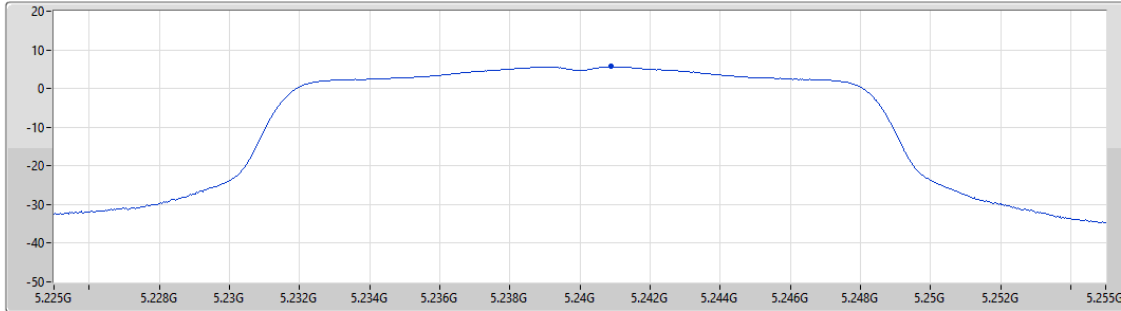
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.146

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	5.66

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

28/01/2025

CF (Hz)
5.24G

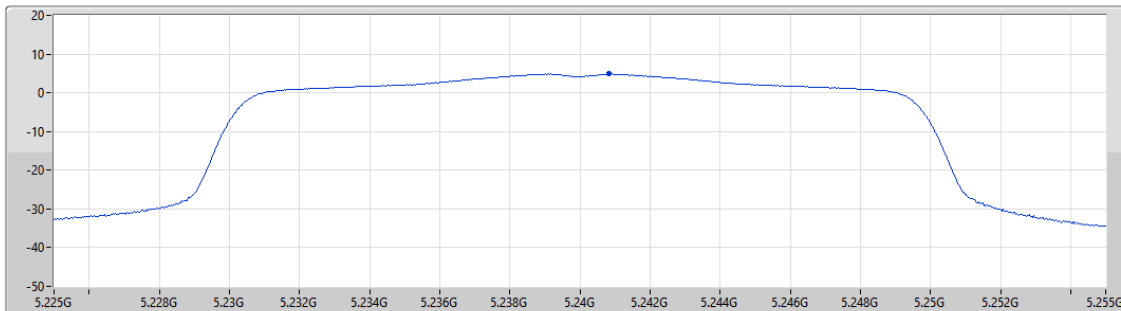
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
52.117

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	4.87



RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.1

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	PK	33.88M	35.23	40.00	-4.77	3	Vertical	360	1.00



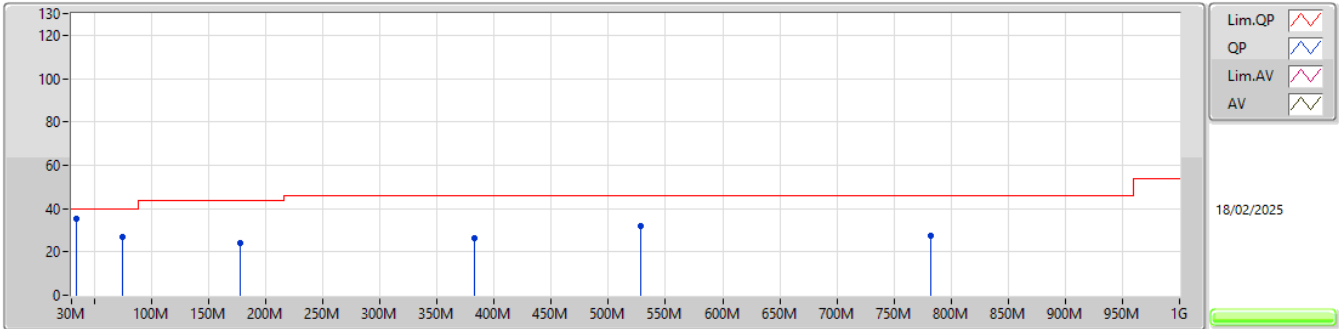
RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.1

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	PK	33.88M	35.23	40.00	-4.77	3	Vertical	360	1.00
5180MHz	Pass	PK	74.62M	27.15	40.00	-12.85	3	Vertical	360	1.00
5180MHz	Pass	PK	177.44M	24.29	43.50	-19.21	3	Vertical	360	1.00
5180MHz	Pass	PK	383.08M	26.29	46.00	-19.71	3	Vertical	360	1.00
5180MHz	Pass	PK	528.58M	31.77	46.00	-14.23	3	Vertical	360	1.00
5180MHz	Pass	PK	782.72M	27.21	46.00	-18.79	3	Vertical	360	1.00
5180MHz	Pass	PK	33.88M	26.27	40.00	-13.73	3	Horizontal	0	1.00
5180MHz	Pass	PK	84.32M	23.12	40.00	-16.88	3	Horizontal	0	1.00
5180MHz	Pass	PK	260.86M	20.60	46.00	-25.40	3	Horizontal	0	1.00
5180MHz	Pass	PK	402.48M	27.27	46.00	-18.73	3	Horizontal	0	1.00
5180MHz	Pass	PK	553.8M	26.35	46.00	-19.65	3	Horizontal	0	1.00
5180MHz	Pass	PK	749.74M	30.05	46.00	-15.95	3	Horizontal	0	1.00

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

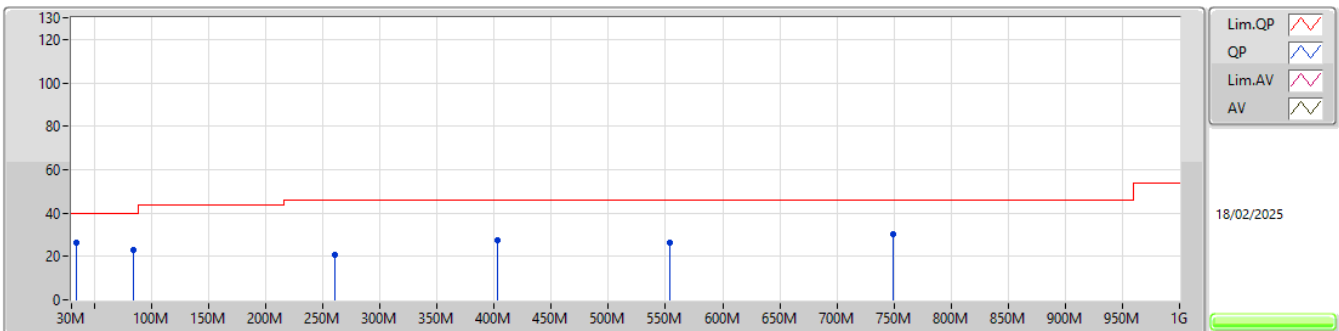
5180MHz_PoE



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	33.88M	35.23	40.00	-4.77	-15.19	3	Vertical	360	1.00	50.42	21.60	0.59	37.38
PK	74.62M	27.15	40.00	-12.85	-24.67	3	Vertical	360	1.00	51.82	11.76	0.88	37.31
PK	177.44M	24.29	43.50	-19.21	-21.15	3	Vertical	360	1.00	45.44	14.20	1.40	36.75
PK	383.08M	26.29	46.00	-19.71	-14.50	3	Vertical	360	1.00	40.79	20.27	2.20	36.97
PK	528.58M	31.77	46.00	-14.23	-11.63	3	Vertical	360	1.00	43.40	23.10	2.63	37.36
PK	782.72M	27.21	46.00	-18.79	-7.23	3	Vertical	360	1.00	34.44	27.23	3.28	37.74

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

5180MHz_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	33.88M	26.27	40.00	-13.73	-15.19	3	Horizontal	0	1.00	41.46	21.60	0.59	37.38
PK	84.32M	23.12	40.00	-16.88	-23.35	3	Horizontal	0	1.00	46.47	12.91	0.94	37.20
PK	260.86M	20.60	46.00	-25.40	-15.87	3	Horizontal	0	1.00	36.47	19.08	1.75	36.70
PK	402.48M	27.27	46.00	-18.73	-13.81	3	Horizontal	0	1.00	41.08	20.92	2.27	37.00
PK	553.8M	26.35	46.00	-19.65	-10.13	3	Horizontal	0	1.00	36.48	24.65	2.70	37.48
PK	749.74M	30.05	46.00	-15.95	-7.56	3	Horizontal	0	1.00	37.61	27.02	3.21	37.79



RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.2

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	PK	10.35056G	56.27	68.20	-11.93	3	Horizontal	289	1.50



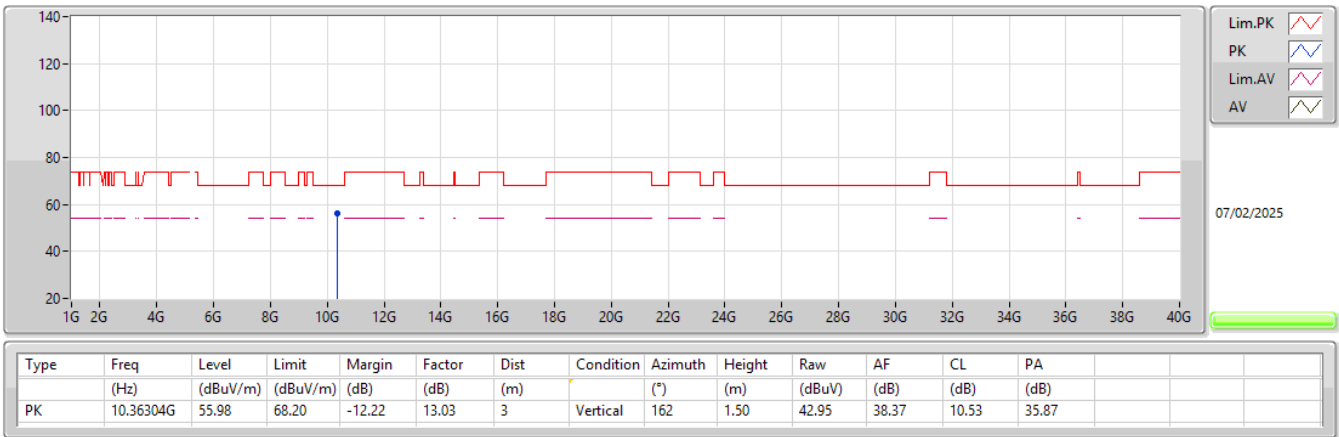
RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.2

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	PK	10.36304G	55.98	68.20	-12.22	3	Vertical	162	1.50
5180MHz	Pass	PK	10.35056G	56.27	68.20	-11.93	3	Horizontal	289	1.50

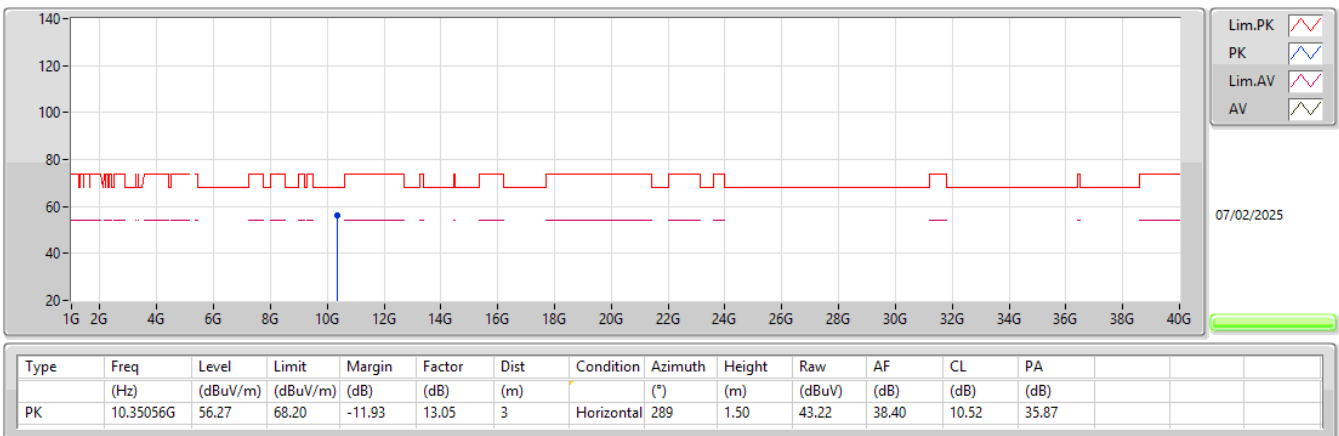
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

5180MHz_TX



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

5180MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.3

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	PK	800.18M	39.18	46.00	-6.82	3	Horizontal	0	1.00



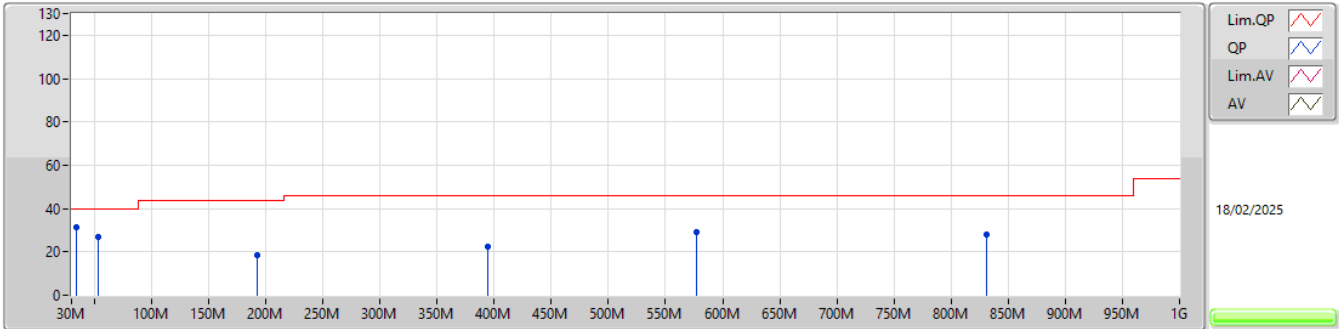
RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.3

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT40_Nss1_(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-
5230MHz	Pass	PK	33.88M	31.21	40.00	-8.79	3	Vertical	360	1.00
5230MHz	Pass	PK	53.28M	26.66	40.00	-13.34	3	Vertical	360	1.00
5230MHz	Pass	PK	192.96M	18.48	43.50	-25.02	3	Vertical	360	1.00
5230MHz	Pass	PK	394.72M	22.22	46.00	-23.78	3	Vertical	360	1.00
5230MHz	Pass	PK	577.08M	29.27	46.00	-16.73	3	Vertical	360	1.00
5230MHz	Pass	PK	831.22M	27.86	46.00	-18.14	3	Vertical	360	1.00
5230MHz	Pass	PK	33.88M	28.86	40.00	-11.14	3	Horizontal	0	1.00
5230MHz	Pass	PK	84.32M	21.34	40.00	-18.66	3	Horizontal	0	1.00
5230MHz	Pass	PK	227.88M	20.05	46.00	-25.95	3	Horizontal	0	1.00
5230MHz	Pass	PK	419.94M	22.57	46.00	-23.43	3	Horizontal	0	1.00
5230MHz	Pass	PK	536.34M	30.74	46.00	-15.26	3	Horizontal	0	1.00
5230MHz	Pass	PK	800.18M	39.18	46.00	-6.82	3	Horizontal	0	1.00

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

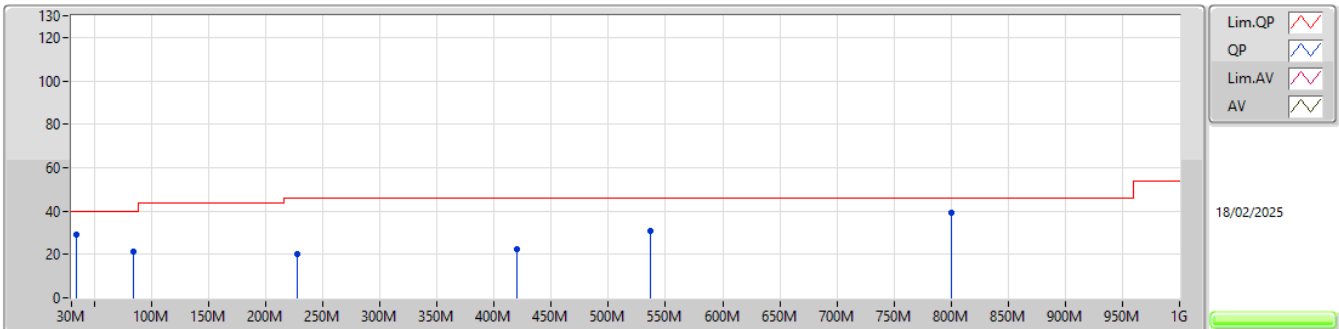
5230MHz_PoE



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	33.88M	31.21	40.00	-8.79	-15.19	3	Vertical	360	1.00	46.40	21.60	0.59	37.38
PK	53.28M	26.66	40.00	-13.34	-24.94	3	Vertical	360	1.00	51.60	11.74	0.71	37.39
PK	192.96M	18.48	43.50	-25.02	-21.39	3	Vertical	360	1.00	39.87	13.81	1.47	36.67
PK	394.72M	22.22	46.00	-23.78	-14.08	3	Vertical	360	1.00	36.30	20.67	2.24	36.99
PK	577.08M	29.27	46.00	-16.73	-10.03	3	Vertical	360	1.00	39.30	24.70	2.77	37.50
PK	831.22M	27.86	46.00	-18.14	-6.66	3	Vertical	360	1.00	34.52	27.76	3.41	37.83

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

5230MHz_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	33.88M	28.86	40.00	-11.14	-15.19	3	Horizontal	0	1.00	44.05	21.60	0.59	37.38
PK	84.32M	21.34	40.00	-18.66	-23.35	3	Horizontal	0	1.00	44.69	12.91	0.94	37.20
PK	227.88M	20.05	46.00	-25.95	-20.00	3	Horizontal	0	1.00	40.05	15.05	1.61	36.66
PK	419.94M	22.57	46.00	-23.43	-13.30	3	Horizontal	0	1.00	35.87	21.43	2.31	37.04
PK	536.34M	30.74	46.00	-15.26	-11.75	3	Horizontal	0	1.00	42.49	23.01	2.65	37.41
PK	800.18M	39.18	46.00	-6.82	-7.29	3	Horizontal	0	1.00	46.47	27.10	3.32	37.71



RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.4

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	PK	10.47576G	56.63	68.20	-11.57	3	Horizontal	280	1.74



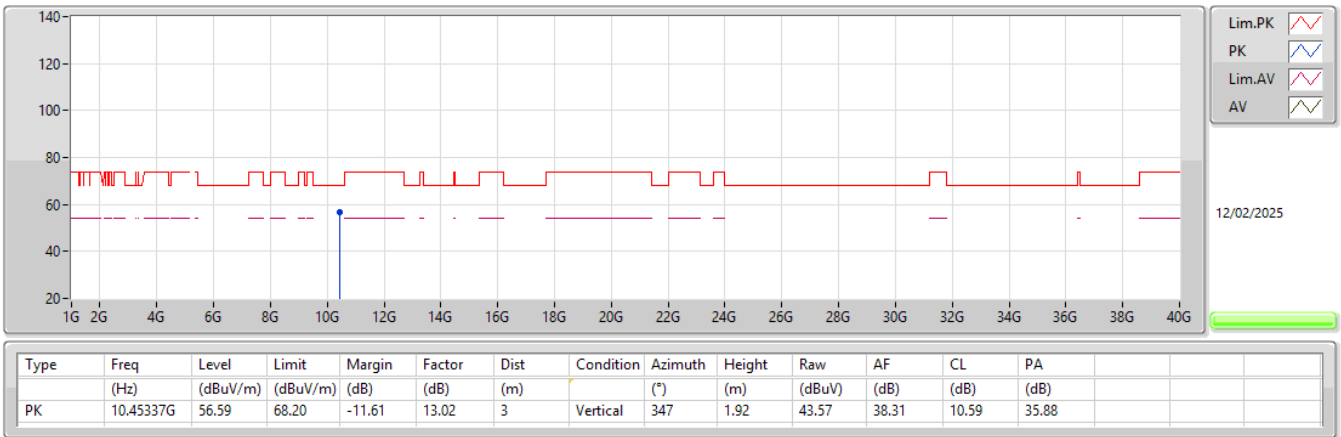
RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.4

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-
5230MHz	Pass	PK	10.45337G	56.59	68.20	-11.61	3	Vertical	347	1.92
5230MHz	Pass	PK	10.47576G	56.63	68.20	-11.57	3	Horizontal	280	1.74

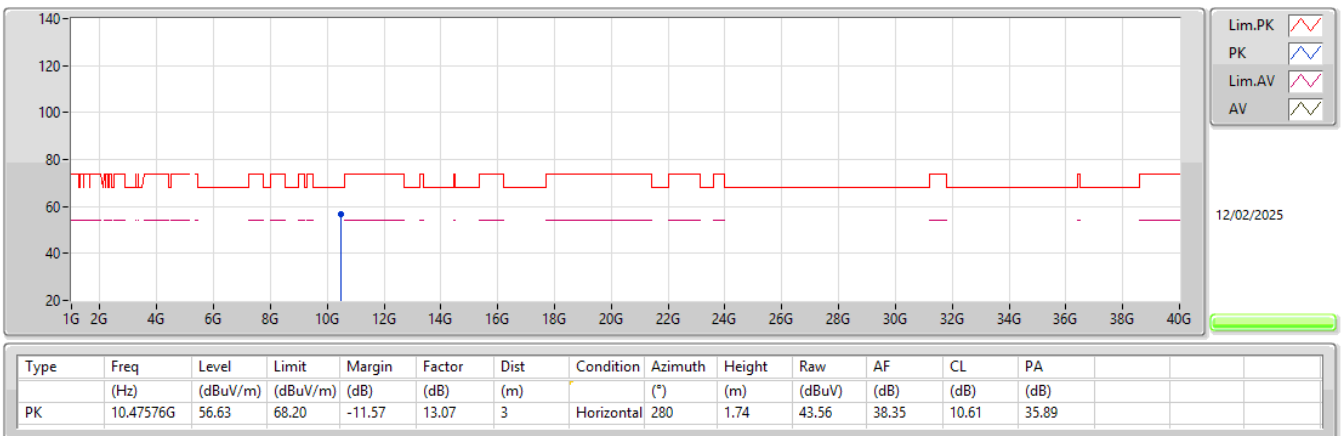
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

5230MHz_TX



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

5230MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.5

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	PK	35.82M	35.94	40.00	-4.06	3	Horizontal	360	1.00



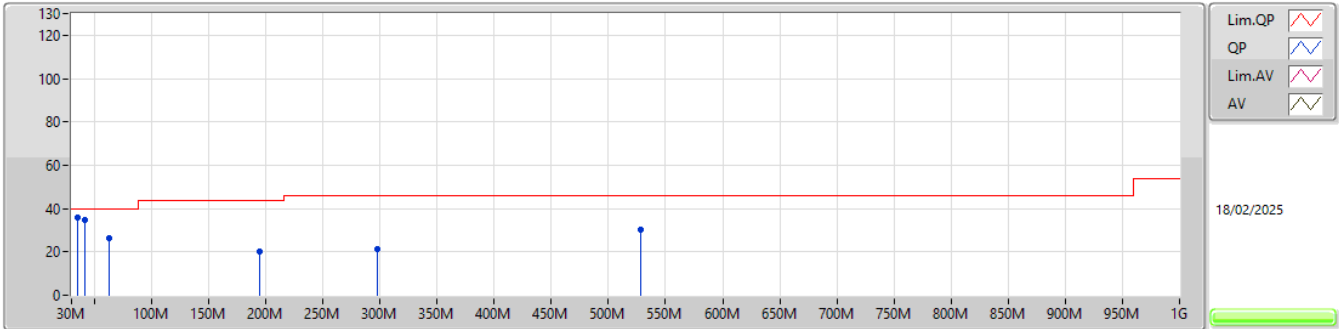
RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.5

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5200MHz	Pass	PK	41.64M	34.62	40.00	-5.38	3	Vertical	0	1.00
5200MHz	Pass	PK	62.98M	26.29	40.00	-13.71	3	Vertical	0	1.00
5200MHz	Pass	PK	194.9M	19.95	43.50	-23.55	3	Vertical	0	1.00
5200MHz	Pass	PK	297.72M	21.10	46.00	-24.90	3	Vertical	0	1.00
5200MHz	Pass	PK	528.58M	30.12	46.00	-15.88	3	Vertical	0	1.00
5200MHz	Pass	QP	35.82M	35.59	40.00	-4.41	3	Vertical	4	2.62
5200MHz	Pass	PK	35.82M	35.94	40.00	-4.06	3	Horizontal	360	1.00
5200MHz	Pass	PK	105.66M	19.89	43.50	-23.61	3	Horizontal	360	1.00
5200MHz	Pass	PK	227.88M	19.62	46.00	-26.38	3	Horizontal	360	1.00
5200MHz	Pass	PK	386.96M	22.91	46.00	-23.09	3	Horizontal	360	1.00
5200MHz	Pass	PK	528.58M	30.12	46.00	-15.88	3	Horizontal	360	1.00
5200MHz	Pass	PK	644.98M	27.06	46.00	-18.94	3	Horizontal	360	1.00

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

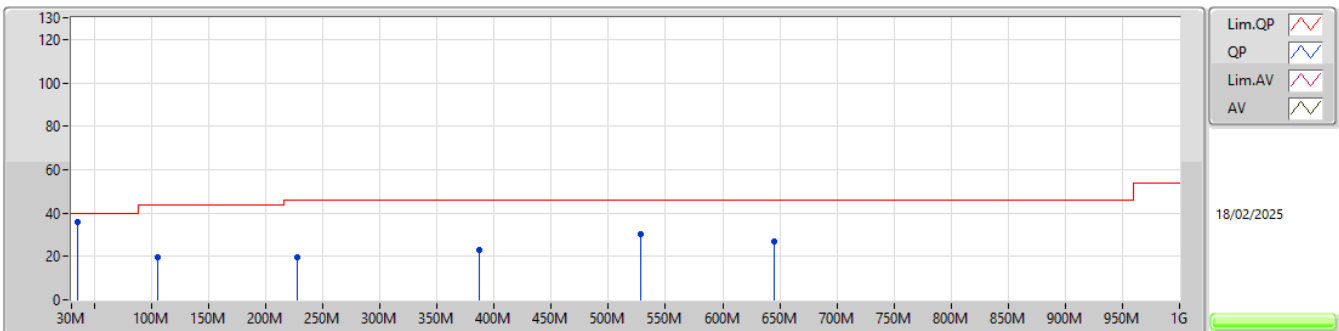
5200MHz_PoE



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	41.64M	34.62	40.00	-5.38	-19.12	3	Vertical	0	1.00	53.74	17.63	0.64	37.39
PK	62.98M	26.29	40.00	-13.71	-25.74	3	Vertical	0	1.00	52.03	10.79	0.78	37.31
PK	194.9M	19.95	43.50	-23.55	-21.27	3	Vertical	0	1.00	41.22	13.91	1.48	36.66
PK	297.72M	21.10	46.00	-24.90	-16.73	3	Vertical	0	1.00	37.83	18.10	1.90	36.73
PK	528.58M	30.12	46.00	-15.88	-11.63	3	Vertical	0	1.00	41.75	23.10	2.63	37.36
QP	35.82M	35.59	40.00	-4.41	-16.21	3	Vertical	4	2.62	51.80	20.56	0.60	37.37

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	35.94	40.00	-4.06	-16.21	3	Horizontal	360	1.00	52.15	20.56	0.60	37.37
PK	105.66M	19.89	43.50	-23.61	-20.50	3	Horizontal	360	1.00	40.39	15.48	1.06	37.04
PK	227.88M	19.62	46.00	-26.38	-20.00	3	Horizontal	360	1.00	39.62	15.05	1.61	36.66
PK	386.96M	22.91	46.00	-23.09	-14.38	3	Horizontal	360	1.00	37.29	20.37	2.22	36.97
PK	528.58M	30.12	46.00	-15.88	-11.63	3	Horizontal	360	1.00	41.75	23.10	2.63	37.36
PK	644.98M	27.06	46.00	-18.94	-9.21	3	Horizontal	360	1.00	36.27	25.39	2.96	37.56



RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.6

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	PK	10.39396G	57.96	68.20	-10.24	3	Vertical	318	1.50



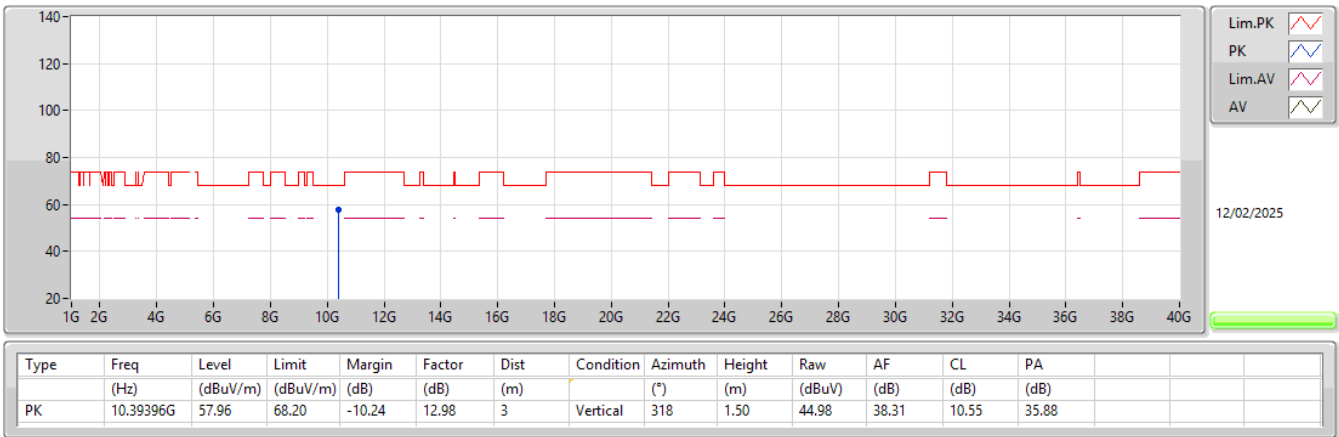
RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.6

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5200MHz	Pass	PK	10.39396G	57.96	68.20	-10.24	3	Vertical	318	1.50
5200MHz	Pass	PK	10.40028G	56.52	68.20	-11.68	3	Horizontal	63	1.50

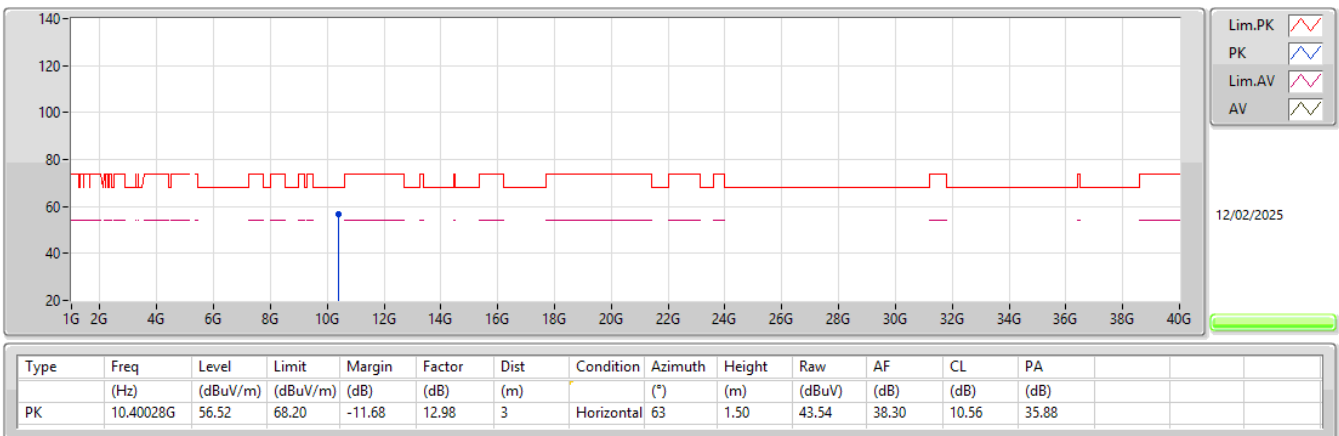
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX



5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_1T1S Appendix E.7

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	Pass	PK	10.41199G	55.81	68.20	-12.39	3	Horizontal	323	2.10



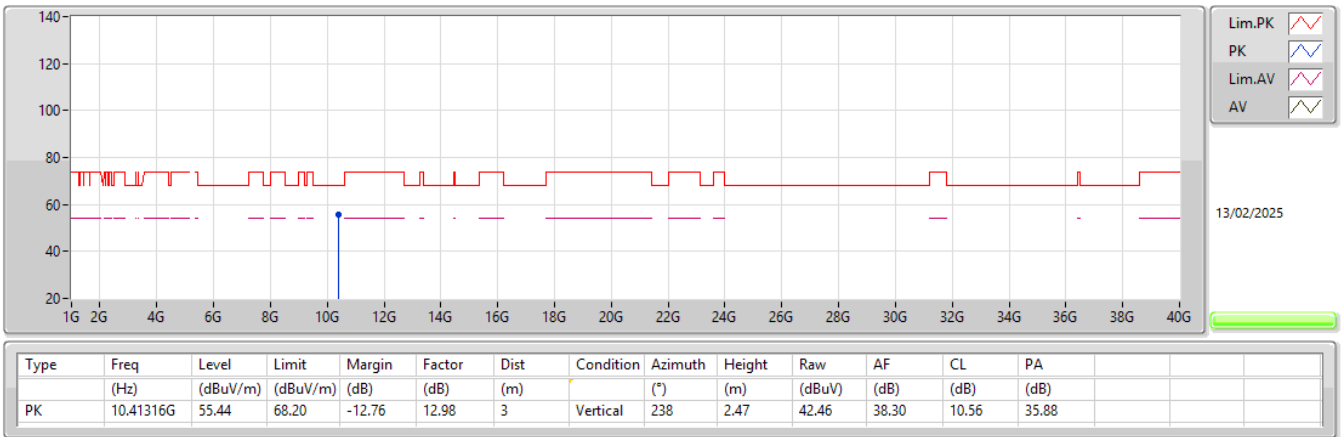
RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_1T1S Appendix E.7

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	10.41316G	55.44	68.20	-12.76	3	Vertical	238	2.47
5210MHz	Pass	PK	10.41199G	55.81	68.20	-12.39	3	Horizontal	323	2.10

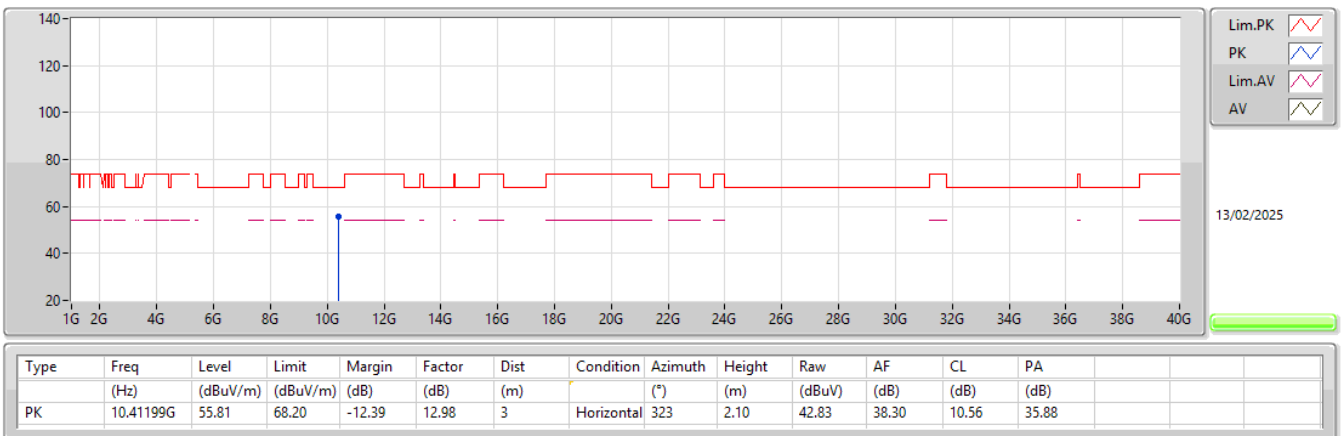
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

5210MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_2T1S Appendix E.8

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	Pass	PK	10.38352G	57.24	68.20	-10.96	3	Vertical	243	1.50



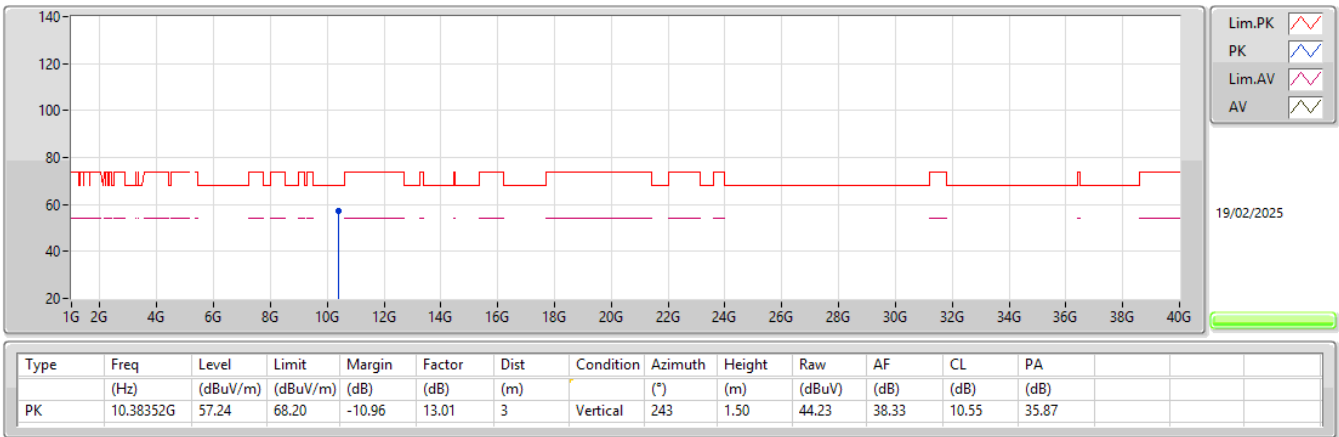
RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_2T1S Appendix E.8

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	10.38352G	57.24	68.20	-10.96	3	Vertical	243	1.50
5210MHz	Pass	PK	10.41584G	56.40	68.20	-11.80	3	Horizontal	149	1.50

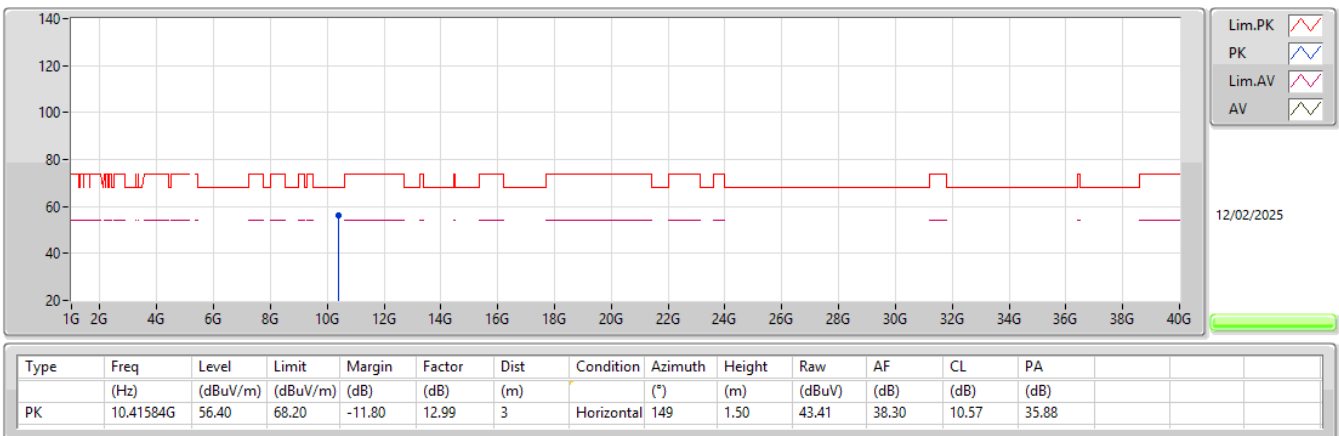
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

5210MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_4T1S Appendix E.9

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	Pass	PK	10.43278G	55.46	68.20	-12.74	3	Horizontal	37	1.91



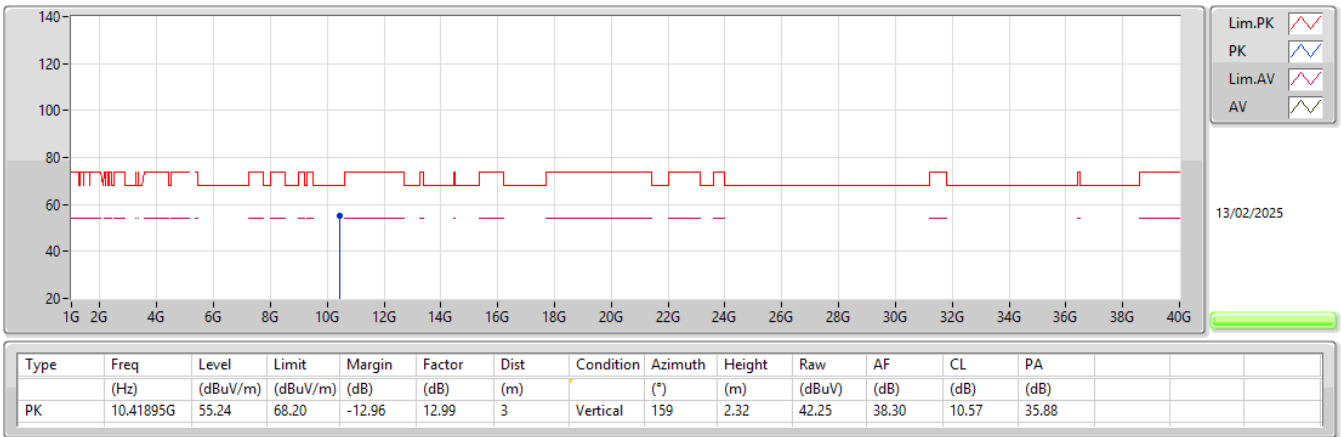
RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_4T1S Appendix E.9

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	10.41895G	55.24	68.20	-12.96	3	Vertical	159	2.32
5210MHz	Pass	PK	10.43278G	55.46	68.20	-12.74	3	Horizontal	37	1.91

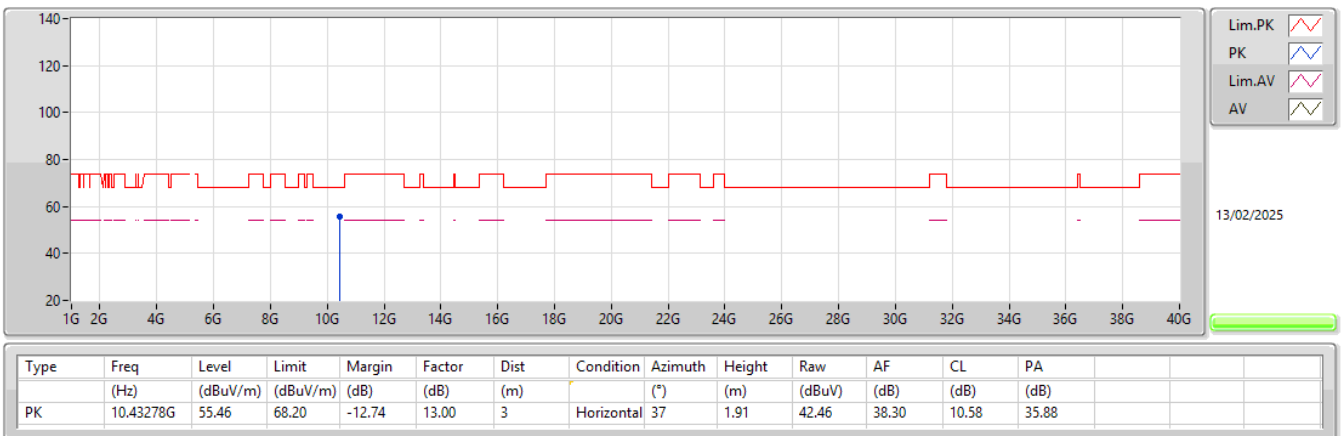
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

5210MHz_TX





**RSE TX above 1GHz_Non-Beamforming
_Radio 2_Channel Puncturing_1T1S**

Appendix E.10

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	Pass	PK	10.41622G	56.01	68.20	-12.19	3	Vertical	141	2.81



**RSE TX above 1GHz_Non-Beamforming
_Radio 2_Channel Puncturing_1T1S**

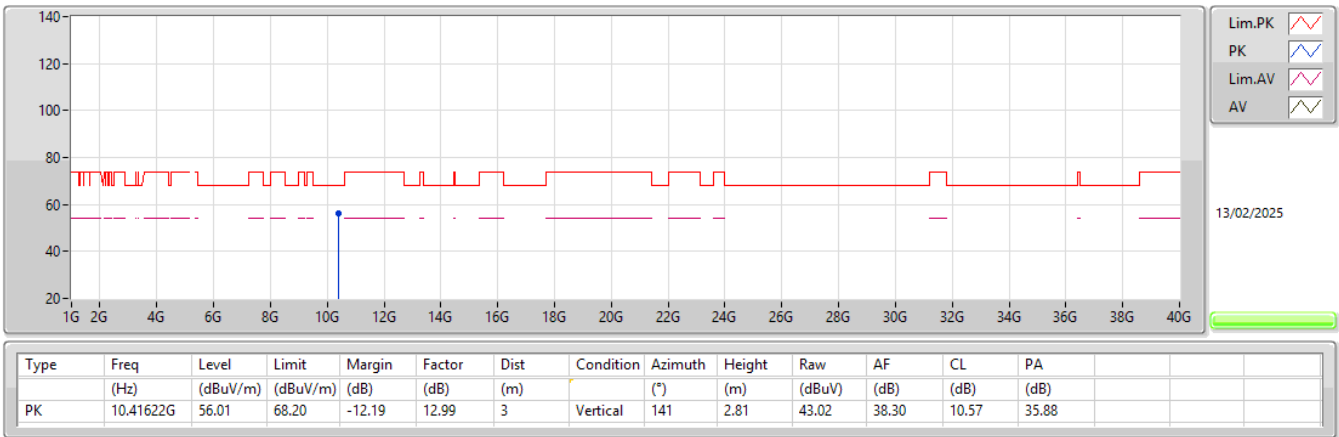
Appendix E.10

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	10.41622G	56.01	68.20	-12.19	3	Vertical	141	2.81
5210MHz	Pass	PK	10.42255G	55.73	68.20	-12.47	3	Horizontal	310	2.64

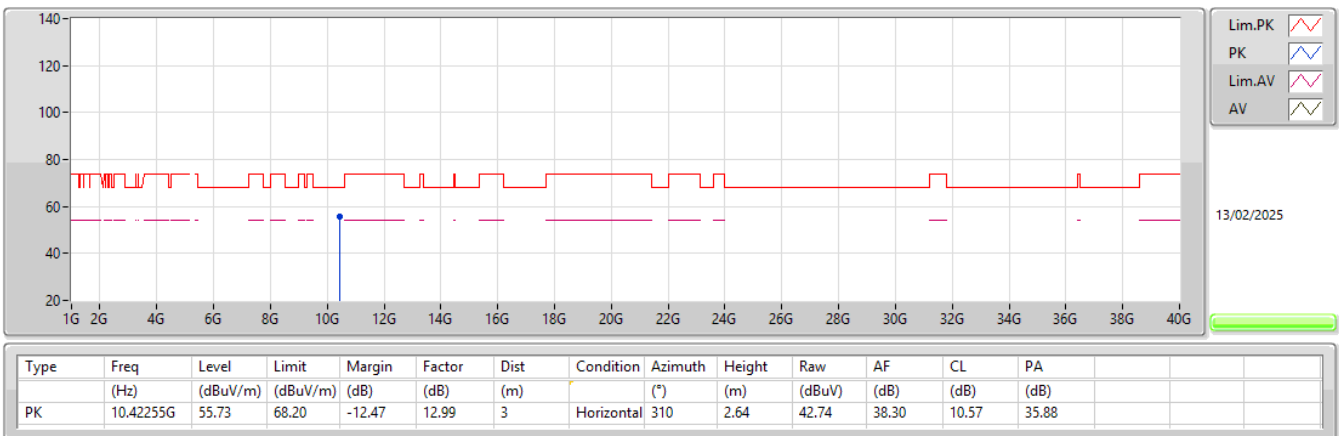
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

5210MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_2T1S

Appendix E.11

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)	Pass	PK	10.43152G	56.43	68.20	-11.77	3	Horizontal	360	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 2
_Channel Puncturing_2T1S

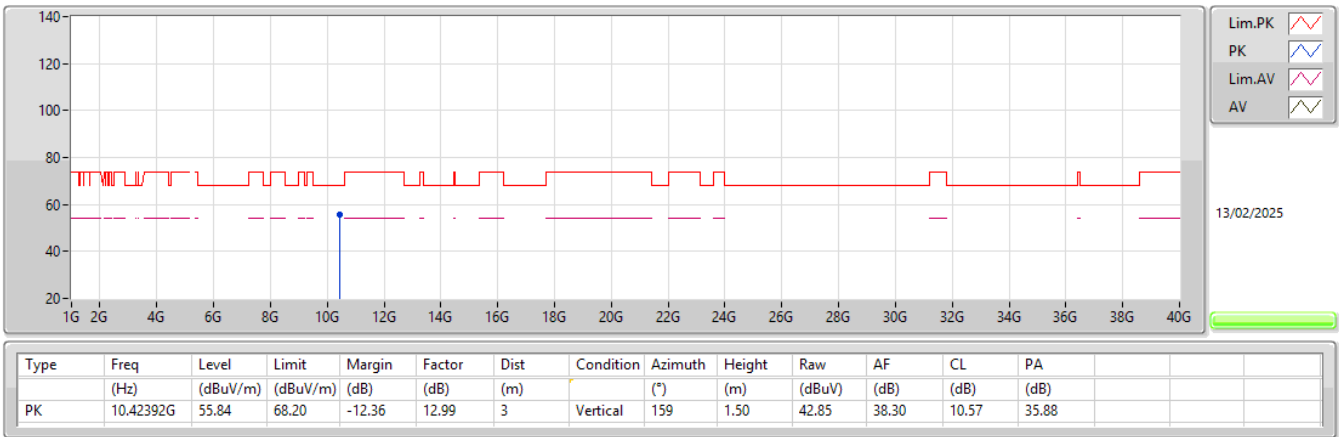
Appendix E.11

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	10.42392G	55.84	68.20	-12.36	3	Vertical	159	1.50
5210MHz	Pass	PK	10.43152G	56.43	68.20	-11.77	3	Horizontal	360	1.50

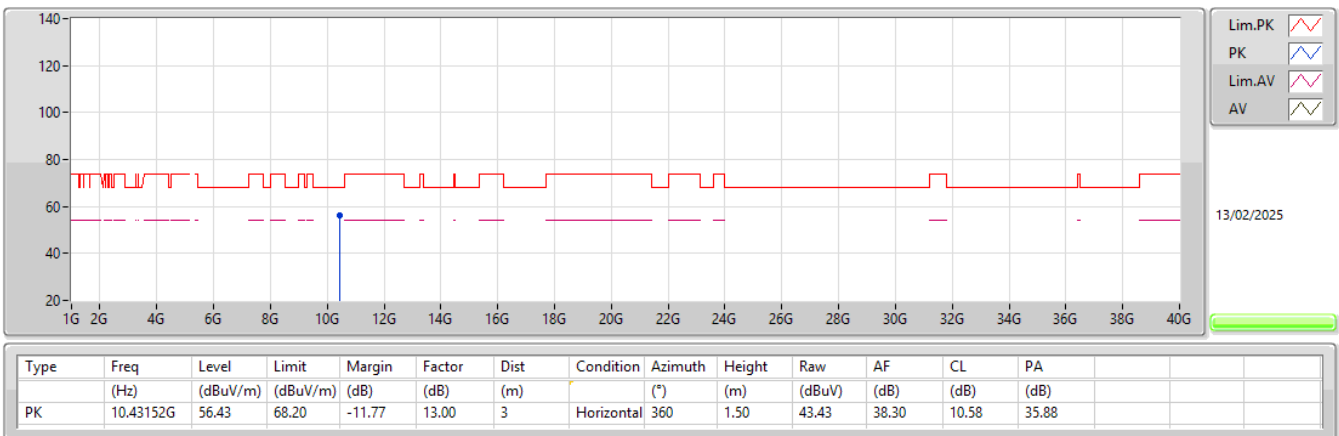
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)

5210MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_4T1S

Appendix E.12

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	Pass	PK	10.41439G	55.84	68.20	-12.36	3	Horizontal	247	2.29



RSE TX above 1GHz_Non-Beamforming_Radio 2
_Channel Puncturing_4T1S

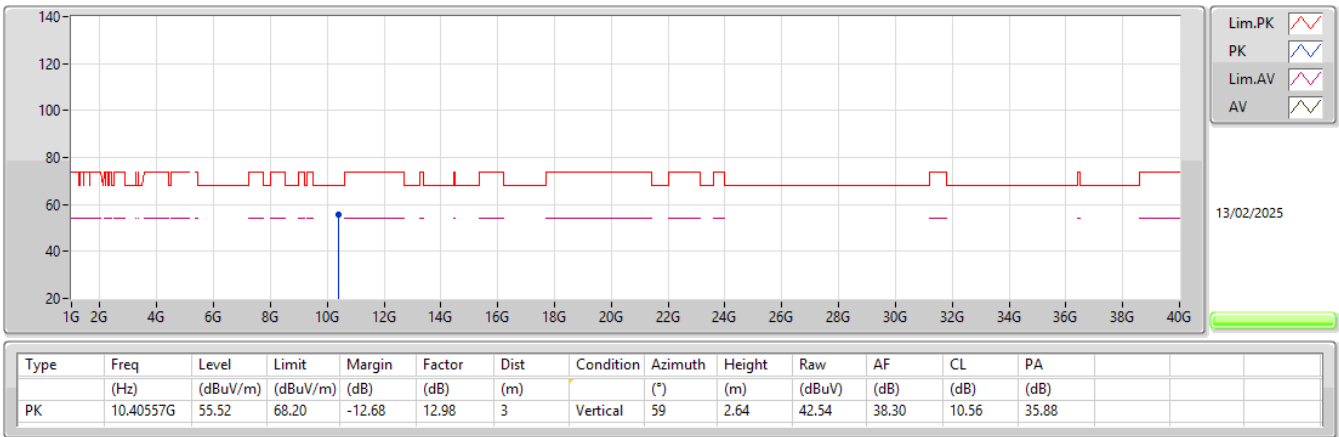
Appendix E.12

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	PK	10.40557G	55.52	68.20	-12.68	3	Vertical	59	2.64
5210MHz	Pass	PK	10.41439G	55.84	68.20	-12.36	3	Horizontal	247	2.29

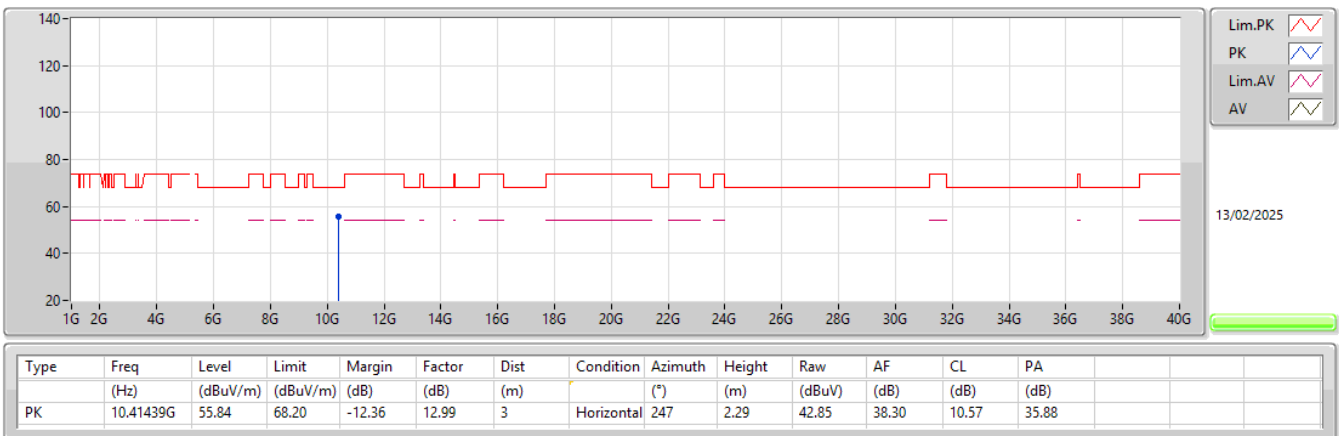
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

5210MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

5210MHz_TX





Summary

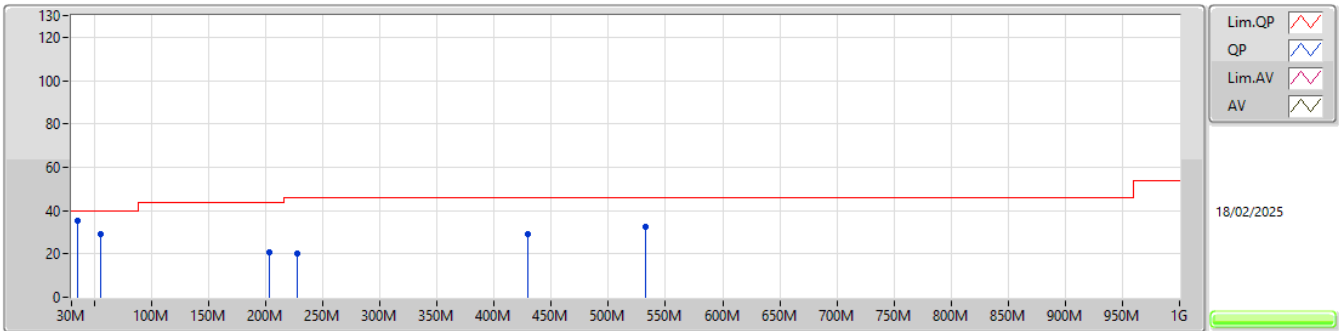
Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	35.82M	35.42	40.00	-4.58	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5200MHz	Pass	PK	35.82M	35.42	40.00	-4.58	3	Vertical	0	1.00
5200MHz	Pass	PK	55.22M	28.94	40.00	-11.06	3	Vertical	0	1.00
5200MHz	Pass	PK	202.66M	20.91	43.50	-22.59	3	Vertical	0	1.00
5200MHz	Pass	PK	227.88M	20.00	46.00	-26.00	3	Vertical	0	1.00
5200MHz	Pass	PK	429.64M	29.07	46.00	-16.93	3	Vertical	0	1.00
5200MHz	Pass	PK	532.46M	32.72	46.00	-13.28	3	Vertical	0	1.00
5200MHz	Pass	PK	36.18M	33.21	40.00	-6.79	3	Horizontal	360	1.00
5200MHz	Pass	PK	71.12M	23.98	40.00	-16.02	3	Horizontal	360	1.00
5200MHz	Pass	PK	205.66M	23.46	43.50	-20.04	3	Horizontal	360	1.00
5200MHz	Pass	PK	396.6M	32.39	46.00	-13.61	3	Horizontal	360	1.00
5200MHz	Pass	PK	524.4M	28.23	46.00	-17.77	3	Horizontal	360	1.00
5200MHz	Pass	PK	680.71M	30.36	46.00	-15.64	3	Horizontal	360	1.00

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

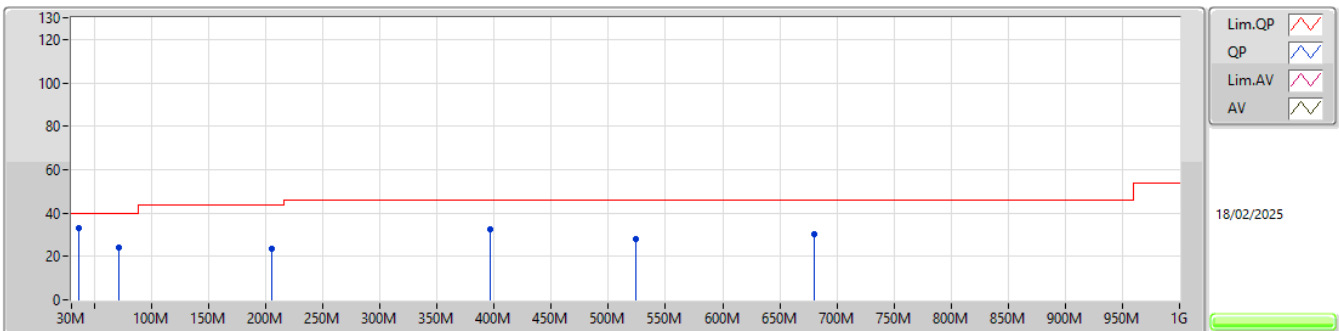
5200MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	35.42	40.00	-4.58	-16.21	3	Vertical	0	1.00	51.63	20.56	0.60	37.37
PK	55.22M	28.94	40.00	-11.06	-25.34	3	Vertical	0	1.00	54.28	11.30	0.72	37.36
PK	202.66M	20.91	43.50	-22.59	-21.10	3	Vertical	0	1.00	42.01	14.02	1.51	36.63
PK	227.88M	20.00	46.00	-26.00	-20.00	3	Vertical	0	1.00	40.00	15.05	1.61	36.66
PK	429.64M	29.07	46.00	-16.93	-13.07	3	Vertical	0	1.00	42.14	21.64	2.34	37.05
PK	532.46M	32.72	46.00	-13.28	-11.65	3	Vertical	0	1.00	44.37	23.10	2.64	37.39

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

5200MHz_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	36.18M	33.21	40.00	-6.79	-16.35	3	Horizontal	360	1.00	49.56	20.40	0.61	37.36
PK	71.12M	23.98	40.00	-16.02	-25.17	3	Horizontal	360	1.00	49.15	11.30	0.85	37.32
PK	205.66M	23.46	43.50	-20.04	-21.11	3	Horizontal	360	1.00	44.57	14.01	1.52	36.64
PK	396.6M	32.39	46.00	-13.61	-14.00	3	Horizontal	360	1.00	46.39	20.74	2.25	36.99
PK	524.4M	28.23	46.00	-17.77	-11.59	3	Horizontal	360	1.00	39.82	23.13	2.62	37.34
PK	680.71M	30.36	46.00	-15.64	-9.49	3	Horizontal	360	1.00	39.85	25.10	3.06	37.65



Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	10.4045G	55.81	68.20	-12.39	3	Vertical	340	1.93

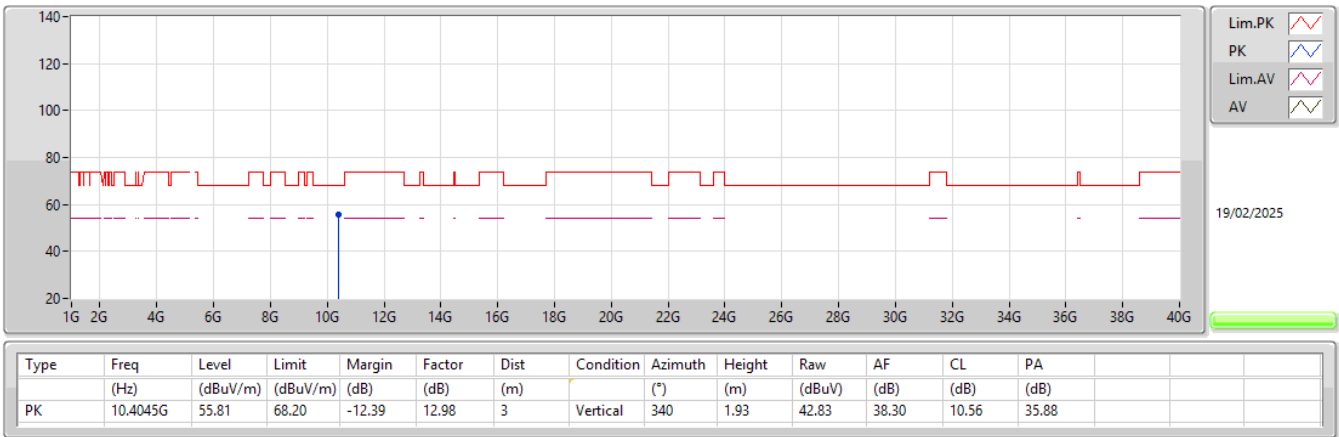


Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5200MHz	Pass	PK	10.4045G	55.81	68.20	-12.39	3	Vertical	340	1.93
5200MHz	Pass	PK	10.4102G	55.76	68.20	-12.44	3	Horizontal	186	1.97

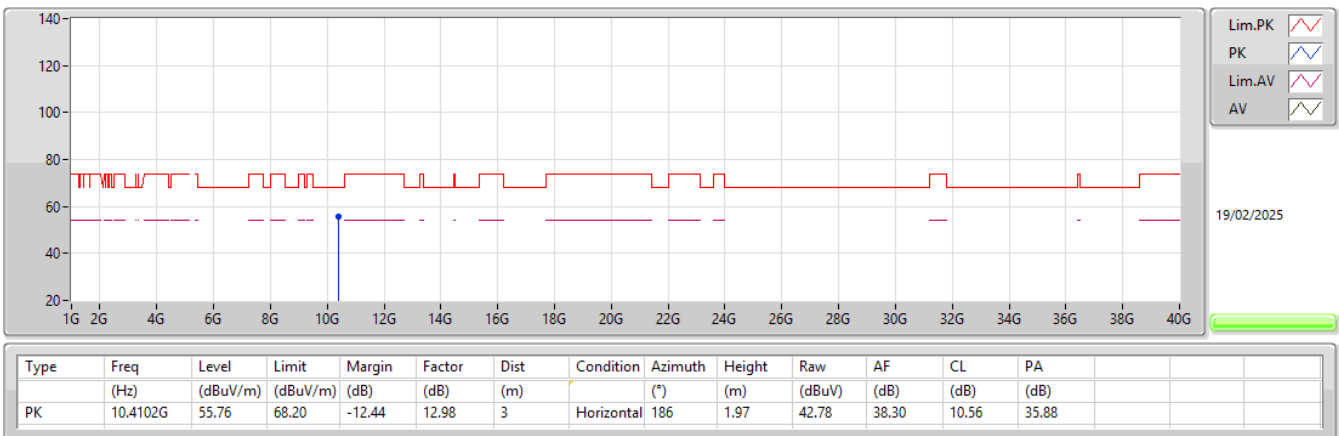
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX



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

5200MHz_TX



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	Pass	5.11G	5.39G	AV	5.38706G	4.89	-50.36	-50.36	-45.47	-41.20	-4.27
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	5.11G	5.39G	AV	5.38552G	4.89	-50.81	-50.81	-45.92	-41.20	-4.72
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	Pass	5.07G	5.43G	AV	5.36934G	4.89	-52.05	-52.05	-47.16	-41.20	-5.96
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	Pass	4.99G	5.51G	AV	5.3722G	4.89	-53.13	-53.13	-48.24	-41.20	-7.04

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

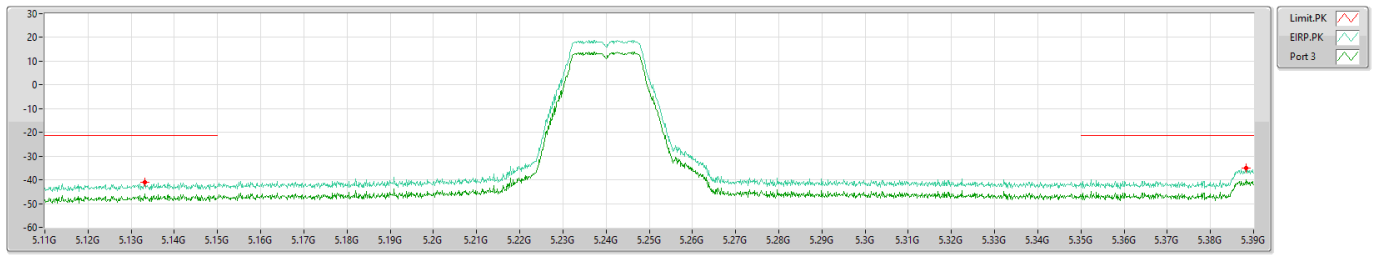
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.14976G	4.89	-54.63	-54.63	-49.74	-41.20	-8.54
5180MHz	Pass	5.11G	5.39G	AV	5.35906G	4.89	-56.63	-56.63	-51.74	-41.20	-10.54
5180MHz	Pass	5.11G	5.39G	PK	5.14976G	4.89	-42.40	-42.40	-37.51	-21.20	-16.31
5180MHz	Pass	5.11G	5.39G	PK	5.38384G	4.89	-45.04	-45.04	-40.15	-21.20	-18.95
5200MHz	Pass	5.11G	5.39G	AV	5.14458G	4.89	-56.49	-56.49	-51.60	-41.20	-10.40
5200MHz	Pass	5.11G	5.39G	AV	5.35612G	4.89	-50.44	-50.44	-45.55	-41.20	-4.35
5200MHz	Pass	5.11G	5.39G	PK	5.14528G	4.89	-44.99	-44.99	-40.10	-21.20	-18.90
5200MHz	Pass	5.11G	5.39G	PK	5.3606G	4.89	-39.11	-39.11	-34.22	-21.20	-13.02
5240MHz	Pass	5.11G	5.39G	AV	5.14094G	4.89	-57.42	-57.42	-52.53	-41.20	-11.33
5240MHz	Pass	5.11G	5.39G	AV	5.38706G	4.89	-50.36	-50.36	-45.47	-41.20	-4.27
5240MHz	Pass	5.11G	5.39G	PK	5.13324G	4.89	-45.91	-45.91	-41.02	-21.20	-19.82
5240MHz	Pass	5.11G	5.39G	PK	5.38832G	4.89	-39.82	-39.82	-34.93	-21.20	-13.73
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.1499G	4.89	-54.03	-54.03	-49.14	-41.20	-7.94
5180MHz	Pass	5.11G	5.39G	AV	5.37446G	4.89	-56.64	-56.64	-51.75	-41.20	-10.55
5180MHz	Pass	5.11G	5.39G	PK	5.13702G	4.89	-42.53	-42.53	-37.64	-21.20	-16.44
5180MHz	Pass	5.11G	5.39G	PK	5.36998G	4.89	-43.99	-43.99	-39.10	-21.20	-17.90
5200MHz	Pass	5.11G	5.39G	AV	5.14808G	4.89	-56.36	-56.36	-51.47	-41.20	-10.27
5200MHz	Pass	5.11G	5.39G	AV	5.36046G	4.89	-50.98	-50.98	-46.09	-41.20	-4.89
5200MHz	Pass	5.11G	5.39G	PK	5.12484G	4.89	-44.72	-44.72	-39.83	-21.20	-18.63
5200MHz	Pass	5.11G	5.39G	PK	5.362G	4.89	-39.00	-39.00	-34.11	-21.20	-12.91
5240MHz	Pass	5.11G	5.39G	AV	5.13814G	4.89	-57.30	-57.30	-52.41	-41.20	-11.21
5240MHz	Pass	5.11G	5.39G	AV	5.38552G	4.89	-50.81	-50.81	-45.92	-41.20	-4.72
5240MHz	Pass	5.11G	5.39G	AV	5.38566G	4.89	-50.81	-50.81	-45.92	-41.20	-4.72
5240MHz	Pass	5.11G	5.39G	PK	5.13114G	4.89	-45.94	-45.94	-41.05	-21.20	-19.85
5240MHz	Pass	5.11G	5.39G	PK	5.38972G	4.89	-38.81	-38.81	-33.92	-21.20	-12.72
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.07G	5.43G	AV	5.14992G	4.89	-53.65	-53.65	-48.76	-41.20	-7.56
5190MHz	Pass	5.07G	5.43G	AV	5.36088G	4.89	-52.56	-52.56	-47.67	-41.20	-6.47
5190MHz	Pass	5.07G	5.43G	AV	5.36178G	4.89	-52.56	-52.56	-47.67	-41.20	-6.47
5190MHz	Pass	5.07G	5.43G	PK	5.14884G	4.89	-42.71	-42.71	-37.82	-21.20	-16.62
5190MHz	Pass	5.07G	5.43G	PK	5.35206G	4.89	-41.69	-41.69	-36.80	-21.20	-15.60
5230MHz	Pass	5.07G	5.43G	AV	5.1492G	4.89	-55.14	-55.14	-50.25	-41.20	-9.05
5230MHz	Pass	5.07G	5.43G	AV	5.36934G	4.89	-52.05	-52.05	-47.16	-41.20	-5.96
5230MHz	Pass	5.07G	5.43G	PK	5.11968G	4.89	-44.44	-44.44	-39.55	-21.20	-18.35
5230MHz	Pass	5.07G	5.43G	PK	5.38662G	4.89	-40.75	-40.75	-35.86	-21.20	-14.66
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.1499G	4.89	-53.86	-53.86	-48.97	-41.20	-7.77
5210MHz	Pass	4.99G	5.51G	AV	5.3722G	4.89	-53.13	-53.13	-48.24	-41.20	-7.04
5210MHz	Pass	4.99G	5.51G	PK	5.14964G	4.89	-40.35	-40.35	-35.46	-21.20	-14.26
5210MHz	Pass	4.99G	5.51G	PK	5.36544G	4.89	-42.21	-42.21	-37.32	-21.20	-16.12
5210MHz	Pass	4.99G	5.51G	PK	5.50454G	4.89	-43.75	-43.75	-38.86	-27.00	-11.86

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE Bandedge [PK]

5240MHz

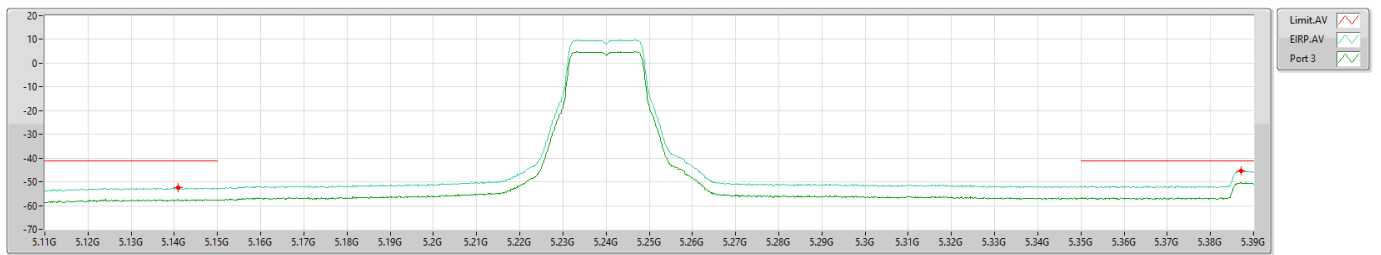


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.11G	5.39G	1M	PK	5.13324G	-41.02	-21.20	-19.82	4.89	-45.91	-	-	-45.91
5.11G	5.39G	1M	PK	5.38832G	-34.93	-21.20	-13.73	4.89	-39.82	-	-	-39.82

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE Bandedge [AV]

5240MHz



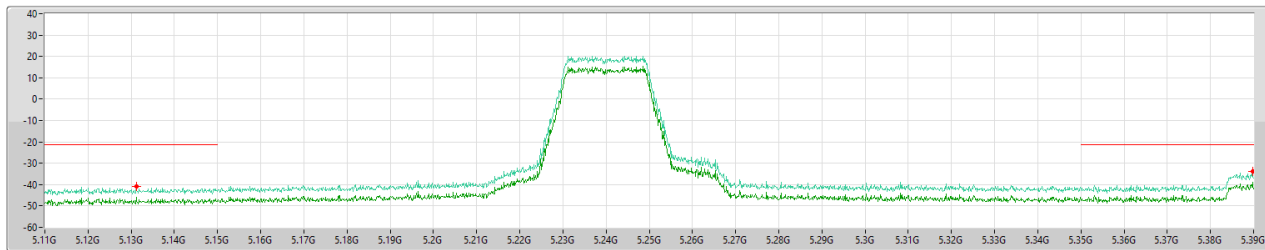
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.11G	5.39G	1M	AV	5.14094G	-52.53	-41.20	-11.33	4.89	-57.42	-	-	-57.42
5.11G	5.39G	1M	AV	5.38706G	-45.47	-41.20	-4.27	4.89	-50.36	-	-	-50.36

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5240MHz

30/01/2025



Limit:PK
EIRP:PK
Port 3

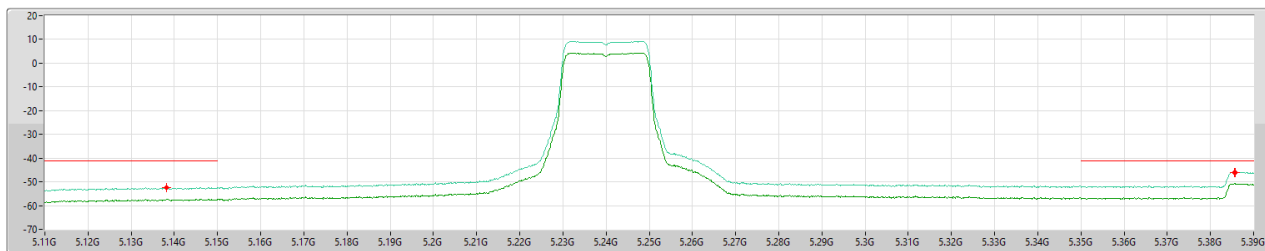
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.11G	5.39G	1M	PK	5.13114G	-41.05	-21.20	-19.85	4.89	-45.94	-	-	-45.94
5.11G	5.39G	1M	PK	5.38972G	-33.92	-21.20	-12.72	4.89	-38.81	-	-	-38.81

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5240MHz

30/01/2025



Limit:AV
EIRP:AV
Port 3

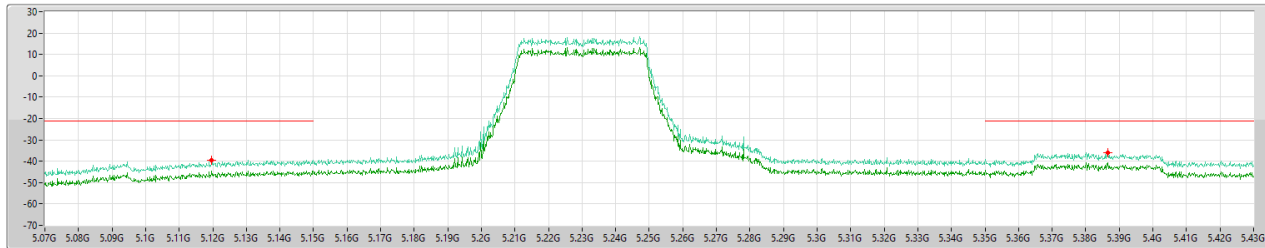
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.11G	5.39G	1M	AV	5.13814G	-52.41	-41.20	-11.21	4.89	-57.30	-	-	-57.30
5.11G	5.39G	1M	AV	5.30552G	-45.92	-41.20	-4.72	4.89	-50.81	-	-	-50.81
5.11G	5.39G	1M	AV	5.38566G	-45.92	-41.20	-4.72	4.89	-50.81	-	-	-50.81

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5230MHz

30/01/2025



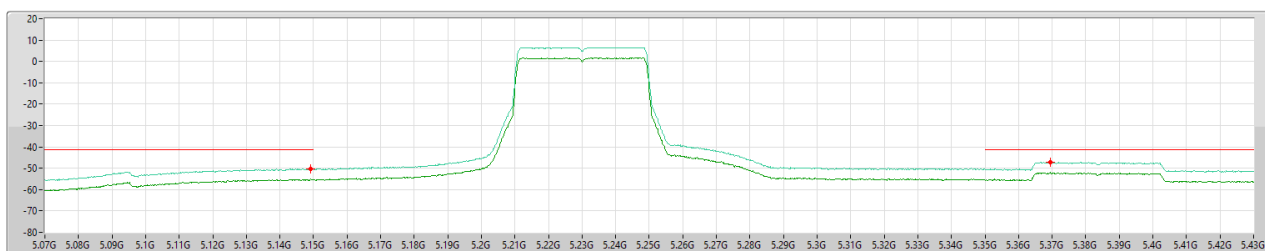
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.07G	5.43G	1M	PK	5.11968G	-39.55	-21.20	-18.35	4.89	-44.44	-	-	-44.44
5.07G	5.43G	1M	PK	5.38662G	-35.86	-21.20	-14.66	4.89	-40.75	-	-	-40.75

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5230MHz

30/01/2025



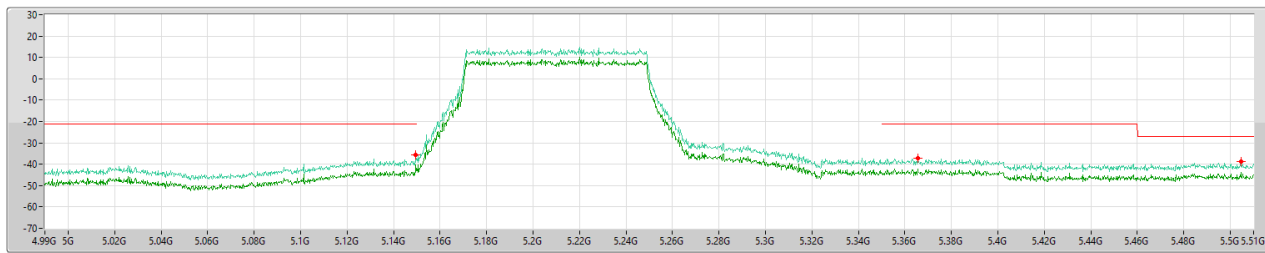
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.07G	5.43G	1M	AV	5.1492G	-50.25	-41.20	-9.05	4.89	-55.14	-	-	-55.14
5.07G	5.43G	1M	AV	5.36934G	-47.16	-41.20	-5.96	4.89	-52.05	-	-	-52.05

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5210MHz

30/01/2025



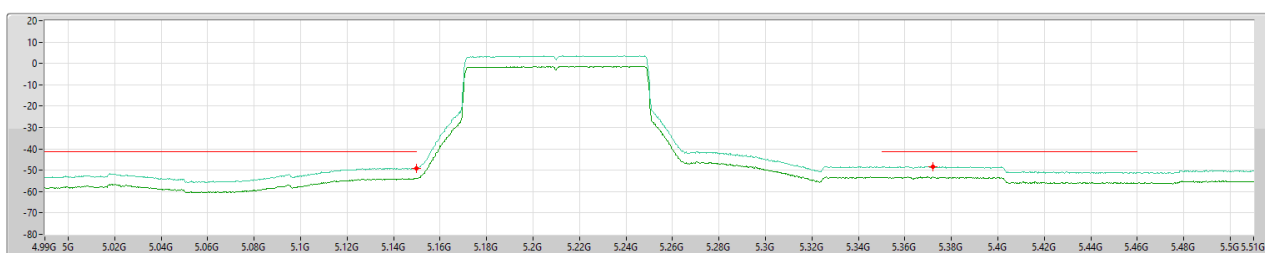
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	PK	5.14964G	-35.46	-21.20	-14.26	4.89	-40.35	-	-	-40.35
4.99G	5.51G	1M	PK	5.36544G	-37.32	-21.20	-16.12	4.89	-42.21	-	-	-42.21
4.99G	5.51G	1M	PK	5.50454G	-38.86	-27.00	-11.86	4.89	-43.75	-	-	-43.75

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5210MHz

30/01/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	AV	5.1499G	-46.97	-41.20	-7.77	4.89	-53.86	-	-	-53.86
4.99G	5.51G	1M	AV	5.3722G	-48.24	-41.20	-7.04	4.89	-53.13	-	-	-53.13

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	Pass	5.11G	5.39G	AV	5.3515G	4.89	-56.90	-50.14	-49.31	-44.42	-41.20	-3.22
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	5.11G	5.39G	AV	5.38538G	4.89	-56.60	-50.57	-49.60	-44.71	-41.20	-3.51
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	5.07G	5.43G	AV	5.14992G	4.89	-52.62	-53.54	-50.05	-45.16	-41.20	-3.96
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	4.99G	5.51G	AV	5.1499G	4.89	-51.04	-53.88	-49.22	-44.33	-41.20	-3.13

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

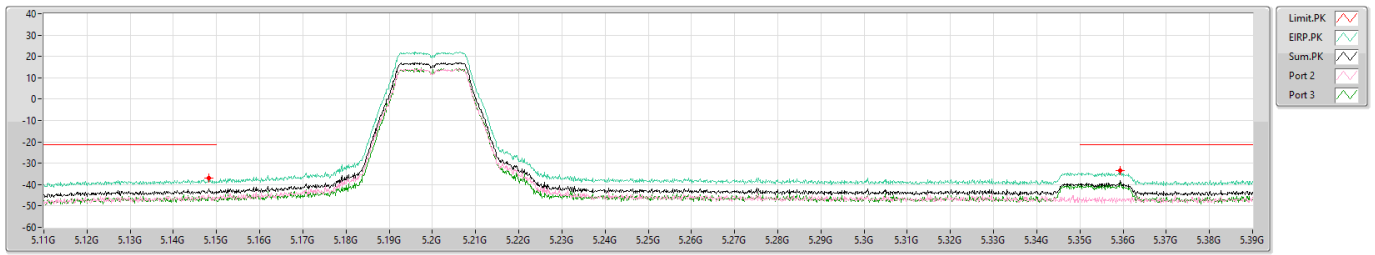
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.14948G	4.89	-54.39	-54.69	-51.53	-46.64	-41.20	-5.44
5180MHz	Pass	5.11G	5.39G	AV	5.35654G	4.89	-57.04	-56.62	-53.81	-48.92	-41.20	-7.72
5180MHz	Pass	5.11G	5.39G	PK	5.14794G	4.89	-42.52	-45.23	-40.66	-35.77	-21.20	-14.57
5180MHz	Pass	5.11G	5.39G	PK	5.36984G	4.89	-46.39	-45.10	-42.69	-37.80	-21.20	-16.60
5200MHz	Pass	5.11G	5.39G	AV	5.14794G	4.89	-56.11	-56.34	-53.21	-48.32	-41.20	-7.12
5200MHz	Pass	5.11G	5.39G	AV	5.3515G	4.89	-56.90	-50.14	-49.31	-44.42	-41.20	-3.22
5200MHz	Pass	5.11G	5.39G	PK	5.14822G	4.89	-44.96	-44.88	-41.91	-37.02	-21.20	-15.82
5200MHz	Pass	5.11G	5.39G	PK	5.35934G	4.89	-46.60	-38.94	-38.25	-33.36	-21.20	-12.16
5240MHz	Pass	5.11G	5.39G	AV	5.14654G	4.89	-56.91	-57.39	-54.13	-49.24	-41.20	-8.04
5240MHz	Pass	5.11G	5.39G	AV	5.38664G	4.89	-56.91	-50.43	-49.55	-44.66	-41.20	-3.46
5240MHz	Pass	5.11G	5.39G	PK	5.14766G	4.89	-44.75	-46.94	-42.70	-37.81	-21.20	-16.61
5240MHz	Pass	5.11G	5.39G	PK	5.38762G	4.89	-47.07	-39.79	-39.05	-34.16	-21.20	-12.96
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.14962G	4.89	-53.60	-53.90	-50.74	-45.85	-41.20	-4.65
5180MHz	Pass	5.11G	5.39G	AV	5.37362G	4.89	-56.87	-56.79	-53.82	-48.93	-41.20	-7.73
5180MHz	Pass	5.11G	5.39G	PK	5.14892G	4.89	-41.04	-44.48	-39.42	-34.53	-21.20	-13.33
5180MHz	Pass	5.11G	5.39G	PK	5.35038G	4.89	-45.59	-45.99	-42.78	-37.89	-21.20	-16.69
5200MHz	Pass	5.11G	5.39G	AV	5.14948G	4.89	-54.69	-55.03	-51.85	-46.96	-41.20	-5.76
5200MHz	Pass	5.11G	5.39G	AV	5.3508G	4.89	-56.65	-50.61	-49.64	-44.75	-41.20	-3.55
5200MHz	Pass	5.11G	5.39G	PK	5.14626G	4.89	-43.05	-45.42	-41.06	-36.17	-21.20	-14.97
5200MHz	Pass	5.11G	5.39G	PK	5.36214G	4.89	-47.26	-39.23	-38.60	-33.71	-21.20	-12.51
5240MHz	Pass	5.11G	5.39G	AV	5.14892G	4.89	-56.35	-57.21	-53.75	-48.86	-41.20	-7.66
5240MHz	Pass	5.11G	5.39G	AV	5.38538G	4.89	-56.60	-50.57	-49.60	-44.71	-41.20	-3.51
5240MHz	Pass	5.11G	5.39G	PK	5.14402G	4.89	-45.08	-46.02	-42.51	-37.62	-21.20	-16.42
5240MHz	Pass	5.11G	5.39G	PK	5.38664G	4.89	-47.59	-39.27	-38.67	-33.78	-21.20	-12.58
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.07G	5.43G	AV	5.14992G	4.89	-52.62	-53.54	-50.05	-45.16	-41.20	-3.96
5190MHz	Pass	5.07G	5.43G	AV	5.35638G	4.89	-56.42	-52.42	-50.96	-46.07	-41.20	-4.87
5190MHz	Pass	5.07G	5.43G	PK	5.14848G	4.89	-42.36	-43.08	-39.69	-34.80	-21.20	-13.60
5190MHz	Pass	5.07G	5.43G	PK	5.35512G	4.89	-46.30	-40.69	-39.64	-34.75	-21.20	-13.55
5230MHz	Pass	5.07G	5.43G	AV	5.14686G	4.89	-54.74	-55.10	-51.91	-47.02	-41.20	-5.82
5230MHz	Pass	5.07G	5.43G	AV	5.36538G	4.89	-55.23	-52.03	-50.33	-45.44	-41.20	-4.24
5230MHz	Pass	5.07G	5.43G	PK	5.14722G	4.89	-44.48	-44.09	-41.27	-36.38	-21.20	-15.18
5230MHz	Pass	5.07G	5.43G	PK	5.37564G	4.89	-46.63	-40.59	-39.62	-34.73	-21.20	-13.53
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.1499G	4.89	-51.04	-53.88	-49.22	-44.33	-41.20	-3.13
5210MHz	Pass	4.99G	5.51G	AV	5.35686G	4.89	-55.54	-53.07	-51.12	-46.23	-41.20	-5.03
5210MHz	Pass	4.99G	5.51G	PK	5.1486G	4.89	-38.58	-43.21	-37.29	-32.40	-21.20	-11.20
5210MHz	Pass	4.99G	5.51G	PK	5.35738G	4.89	-45.58	-42.40	-40.69	-35.80	-21.20	-14.60
5210MHz	Pass	4.99G	5.51G	PK	5.51G	4.89	-46.28	-43.25	-41.50	-36.61	-27.00	-9.61

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

CSE Bandedge [PK]

5200MHz

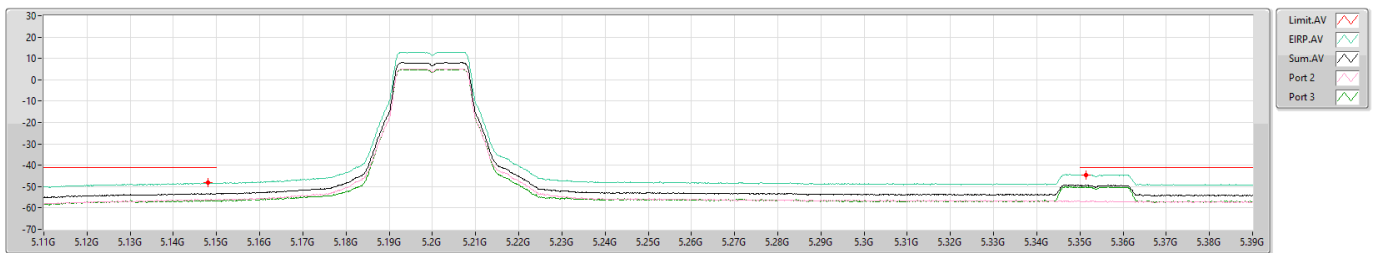


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.11G	5.39G	1M	PK	5.14822G	-37.02	-21.20	-15.82	4.89	-41.91	-	-44.96	-44.88
5.11G	5.39G	1M	PK	5.35934G	-33.36	-21.20	-12.16	4.89	-38.25	-	-46.60	-38.94

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

CSE Bandedge [AV]

5200MHz



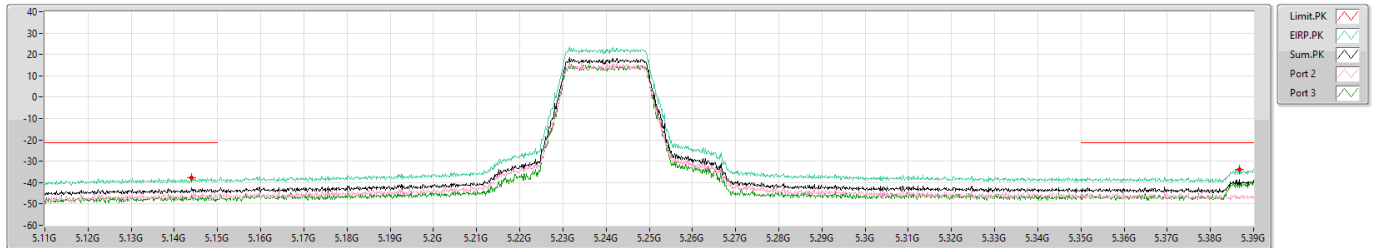
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.11G	5.39G	1M	AV	5.14794G	-48.32	-41.20	-7.12	4.89	-53.21	-	-56.11	-56.34
5.11G	5.39G	1M	AV	5.3515G	-44.42	-41.20	-3.22	4.89	-49.31	-	-56.90	-50.14

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

CSE Bandedge [PK]

5240MHz

13/03/2025

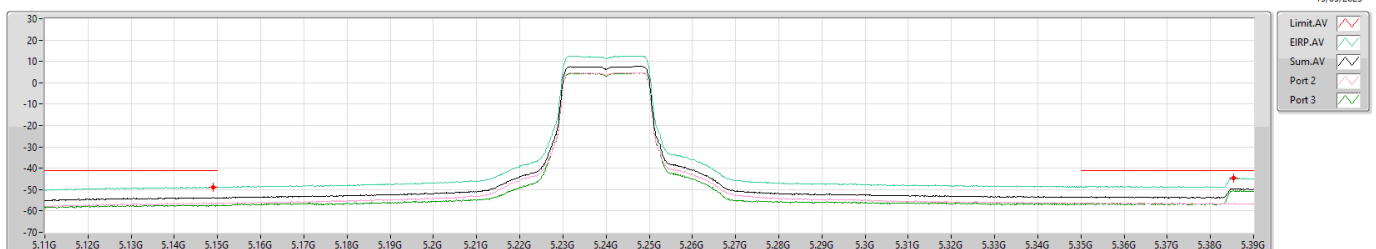


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

CSE Bandedge [AV]

5240MHz

13/03/2025

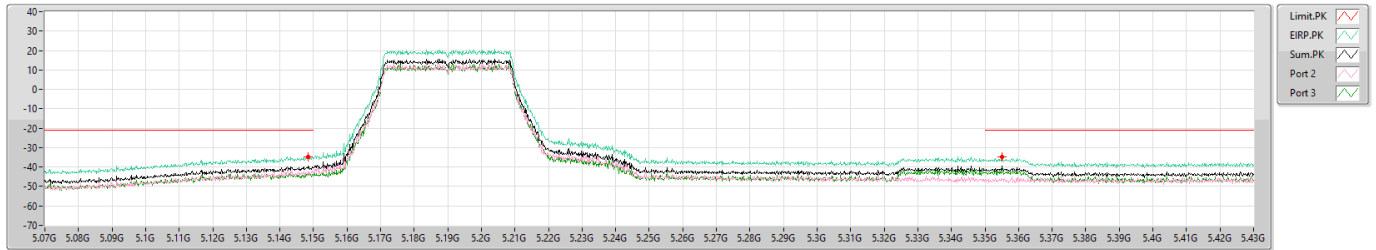


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

CSE Bandedge [PK]

5190MHz

13/03/2025



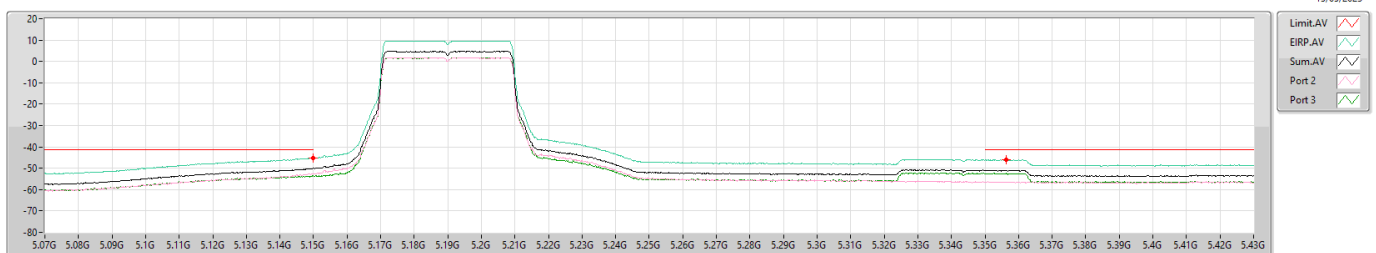
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.07G	5.43G	1M	PK	5.14848G	-34.80	-21.20	-13.60	4.89	-39.69	-	-42.36	-43.08
5.07G	5.43G	1M	PK	5.35512G	-34.75	-21.20	-13.55	4.89	-39.64	-	-46.30	-40.69

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

CSE Bandedge [AV]

5190MHz

13/03/2025



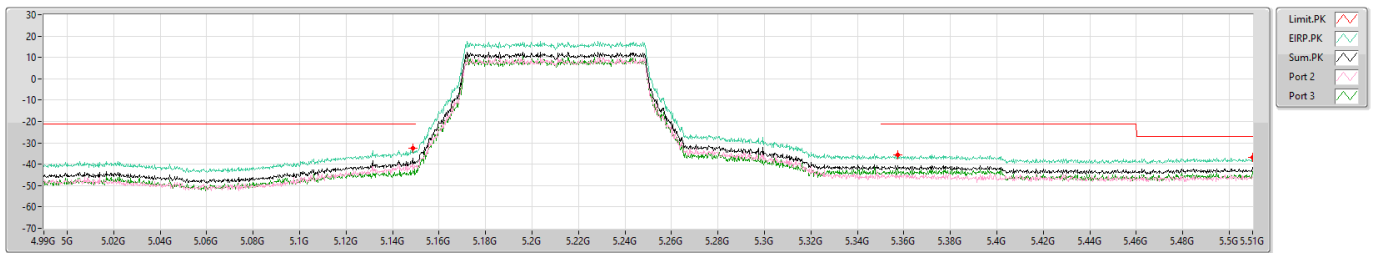
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.07G	5.43G	1M	AV	5.14992G	-45.16	-41.20	-3.96	4.89	-50.05	-	-52.62	-53.54
5.07G	5.43G	1M	AV	5.35638G	-46.07	-41.20	-4.87	4.89	-50.96	-	-56.42	-52.42

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

CSE Bandedge [PK]

5210MHz

13/03/2025

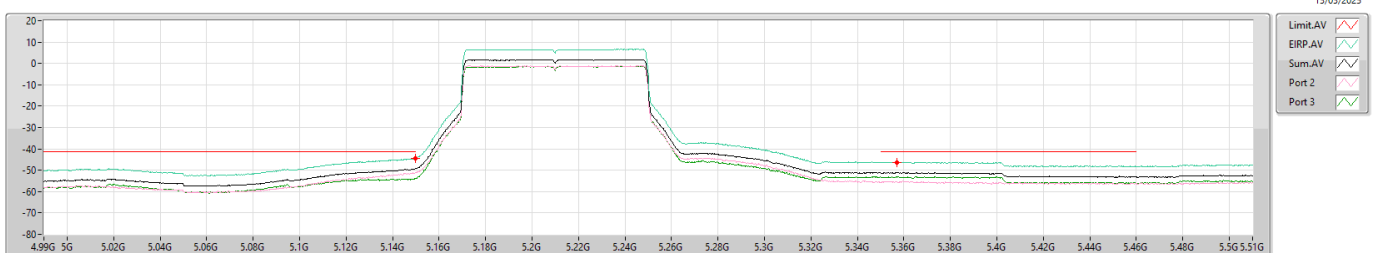


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

CSE Bandedge [AV]

5210MHz

13/03/2025



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	5.11G	5.39G	AV	5.35024G	5.31	-57.97	-58.29	-50.65	-50.70	-46.95	-41.64	-41.20	-0.44
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	5.11G	5.39G	AV	5.38608G	5.31	-58.18	-58.39	-51.17	-50.85	-47.25	-41.94	-41.20	-0.74
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	5.07G	5.43G	AV	5.14974G	5.31	-51.67	-55.15	-55.54	-51.56	-47.07	-41.76	-41.20	-0.56
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	4.99G	5.51G	AV	5.14938G	5.31	-50.77	-53.30	-54.98	-53.09	-46.75	-41.44	-41.20	-0.24

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

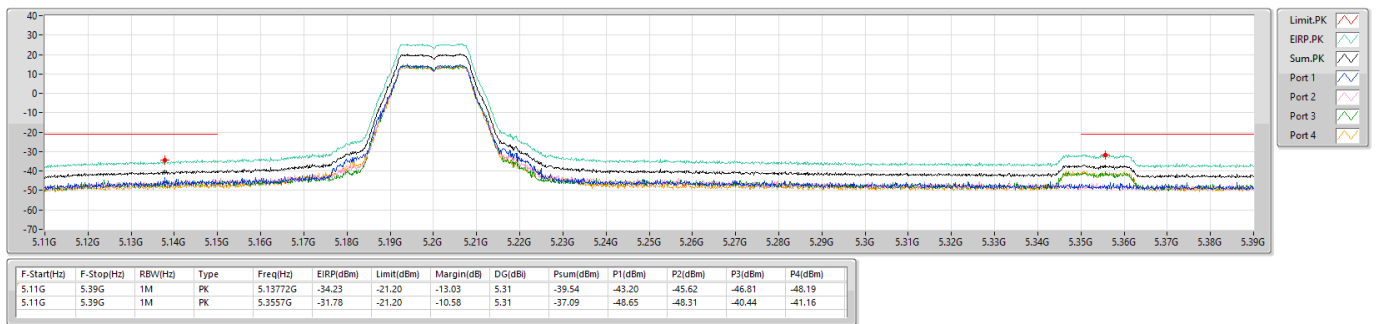
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.14962G	5.31	-55.41	-53.85	-55.40	-54.67	-48.76	-43.45	-41.20	-2.25
5180MHz	Pass	5.11G	5.39G	AV	5.38342G	5.31	-57.98	-58.52	-58.52	-58.90	-52.45	-47.14	-41.20	-5.94
5180MHz	Pass	5.11G	5.39G	PK	5.1499G	5.31	-43.56	-43.67	-45.04	-43.28	-37.82	-32.51	-21.20	-11.31
5180MHz	Pass	5.11G	5.39G	PK	5.3837G	5.31	-46.73	-48.13	-47.77	-47.66	-41.52	-36.21	-21.20	-15.01
5200MHz	Pass	5.11G	5.39G	AV	5.14654G	5.31	-55.80	-55.90	-56.35	-57.59	-50.33	-45.02	-41.20	-3.82
5200MHz	Pass	5.11G	5.39G	AV	5.35024G	5.31	-57.97	-58.29	-50.65	-50.70	-46.95	-41.64	-41.20	-0.44
5200MHz	Pass	5.11G	5.39G	PK	5.13772G	5.31	-43.20	-45.62	-46.81	-48.19	-39.54	-34.23	-21.20	-13.03
5200MHz	Pass	5.11G	5.39G	PK	5.3557G	5.31	-48.65	-48.31	-40.44	-41.16	-37.09	-31.78	-21.20	-10.58
5240MHz	Pass	5.11G	5.39G	AV	5.14808G	5.31	-57.06	-57.48	-58.15	-58.69	-51.78	-46.47	-41.20	-5.27
5240MHz	Pass	5.11G	5.39G	AV	5.38748G	5.31	-58.09	-58.24	-50.86	-50.61	-47.00	-41.69	-41.20	-0.49
5240MHz	Pass	5.11G	5.39G	PK	5.14836G	5.31	-46.20	-46.00	-48.47	-48.66	-41.14	-35.83	-21.20	-14.63
5240MHz	Pass	5.11G	5.39G	PK	5.38636G	5.31	-49.20	-47.97	-39.73	-40.99	-36.70	-31.39	-21.20	-10.19
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.14948G	5.31	-54.24	-53.39	-54.83	-52.24	-47.54	-42.23	-41.20	-1.03
5180MHz	Pass	5.11G	5.39G	AV	5.36988G	5.31	-58.39	-58.39	-58.36	-59.01	-52.51	-47.20	-41.20	-6.00
5180MHz	Pass	5.11G	5.39G	PK	5.14878G	5.31	-43.27	-41.37	-45.41	-41.23	-36.49	-31.18	-21.20	-9.98
5180MHz	Pass	5.11G	5.39G	PK	5.35598G	5.31	-48.21	-45.38	-48.82	-49.41	-41.63	-36.32	-21.20	-15.12
5200MHz	Pass	5.11G	5.39G	AV	5.1492G	5.31	-55.55	-55.53	-56.24	-55.97	-49.79	-44.48	-41.20	-3.28
5200MHz	Pass	5.11G	5.39G	AV	5.35024G	5.31	-57.80	-58.32	-51.39	-51.04	-47.38	-42.07	-41.20	-0.87
5200MHz	Pass	5.11G	5.39G	PK	5.1485G	5.31	-45.56	-44.72	-46.14	-44.27	-39.09	-33.78	-21.20	-12.58
5200MHz	Pass	5.11G	5.39G	PK	5.362G	5.31	-46.54	-47.43	-41.40	-38.81	-36.12	-30.81	-21.20	-9.61
5240MHz	Pass	5.11G	5.39G	AV	5.14766G	5.31	-57.29	-57.48	-58.34	-58.11	-51.76	-46.45	-41.20	-5.25
5240MHz	Pass	5.11G	5.39G	AV	5.38608G	5.31	-58.18	-58.39	-51.17	-50.85	-47.25	-41.94	-41.20	-0.74
5240MHz	Pass	5.11G	5.39G	PK	5.14794G	5.31	-45.19	-46.09	-48.52	-47.53	-40.63	-35.32	-21.20	-14.12
5240MHz	Pass	5.11G	5.39G	PK	5.38524G	5.31	-47.94	-48.36	-41.73	-38.04	-35.94	-30.63	-21.20	-9.43
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.07G	5.43G	AV	5.14974G	5.31	-51.67	-55.15	-55.54	-51.56	-47.07	-41.76	-41.20	-0.56
5190MHz	Pass	5.07G	5.43G	AV	5.35386G	5.31	-57.37	-57.88	-54.28	-54.50	-49.69	-44.38	-41.20	-3.18
5190MHz	Pass	5.07G	5.43G	PK	5.1492G	5.31	-40.91	-46.32	-42.83	-41.97	-36.57	-31.26	-21.20	-10.06
5190MHz	Pass	5.07G	5.43G	PK	5.35368G	5.31	-48.10	-46.54	-43.82	-43.89	-39.21	-33.90	-21.20	-12.70
5230MHz	Pass	5.07G	5.43G	AV	5.14956G	5.31	-55.54	-55.48	-56.10	-56.86	-49.94	-44.63	-41.20	-3.43
5230MHz	Pass	5.07G	5.43G	AV	5.36664G	5.31	-56.53	-56.56	-52.42	-52.78	-48.12	-42.81	-41.20	-1.61
5230MHz	Pass	5.07G	5.43G	PK	5.14938G	5.31	-44.05	-45.72	-46.52	-46.33	-39.52	-34.21	-21.20	-13.01
5230MHz	Pass	5.07G	5.43G	PK	5.37186G	5.31	-45.12	-47.33	-43.31	-41.09	-37.60	-32.29	-21.20	-11.09
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.14938G	5.31	-50.77	-53.30	-54.98	-53.09	-46.75	-41.44	-41.20	-0.24
5210MHz	Pass	4.99G	5.51G	AV	5.35322G	5.31	-56.70	-56.94	-54.75	-54.91	-49.69	-44.38	-41.20	-3.18
5210MHz	Pass	4.99G	5.51G	PK	5.1499G	5.31	-41.04	-43.83	-41.80	-42.46	-36.15	-30.84	-21.20	-9.64
5210MHz	Pass	4.99G	5.51G	PK	5.39586G	5.31	-45.80	-45.72	-43.80	-45.52	-39.11	-33.80	-21.20	-12.60
5210MHz	Pass	4.99G	5.51G	PK	5.5009G	5.31	-45.13	-47.26	-46.31	-45.09	-39.84	-34.53	-27.00	-7.53

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

CSE Bandedge [PK]

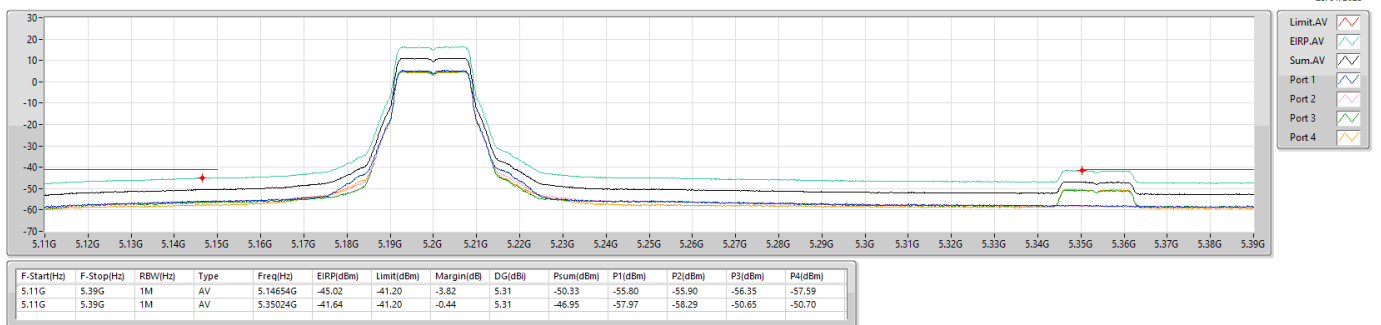
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

CSE Bandedge [AV]

5200MHz

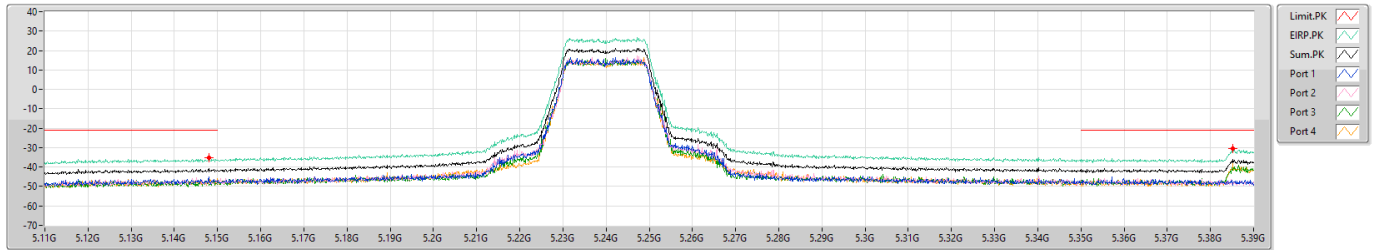


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSE Bandedge [PK]

5240MHz

25/01/2025

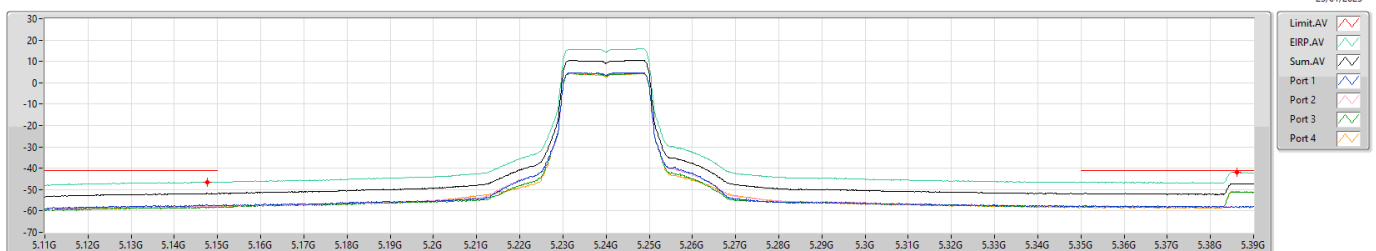


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSE Bandedge [AV]

5240MHz

25/01/2025

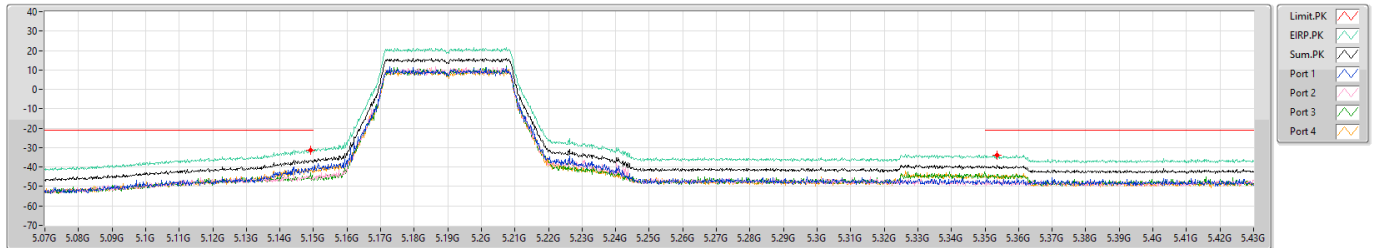


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSE Bandedge [PK]

5190MHz

25/01/2025



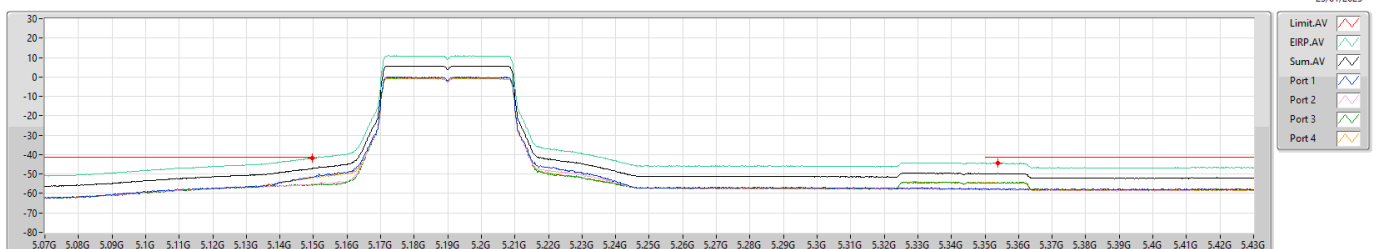
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
5.07G	5.43G	1M	PK	5.1492G	-31.25	-21.20	-10.06	5.31	-36.57	-40.91	-46.32	-42.83	-41.97
5.07G	5.43G	1M	PK	5.3536G	-33.90	-21.20	-12.70	5.31	-39.21	-48.10	-46.54	-43.82	-43.89

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSE Bandedge [AV]

5190MHz

25/01/2025



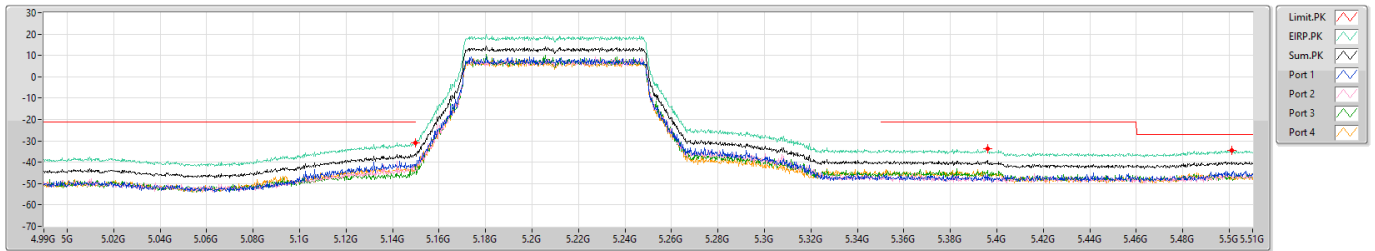
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
5.07G	5.43G	1M	AV	5.14974G	-41.76	-41.20	-0.56	5.31	-47.07	-51.67	-55.15	-55.54	-51.56
5.07G	5.43G	1M	AV	5.35386G	-44.38	-41.20	-3.18	5.31	-49.69	-57.37	-57.88	-54.28	-54.50

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

CSE Bandedge [PK]

5210MHz

25/01/2025



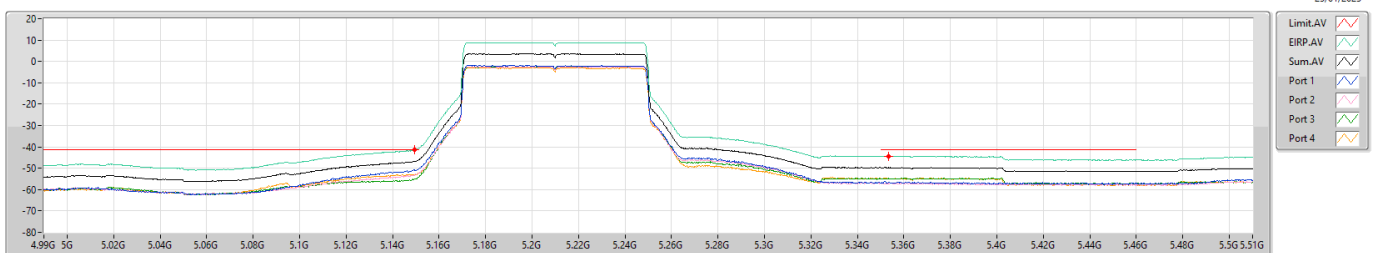
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.99G	5.51G	1M	PK	5.1499G	-30.84	-21.20	-9.64	5.31	-36.15	-41.04	-43.83	-41.80	-42.46
4.99G	5.51G	1M	PK	5.39586G	-33.80	-21.20	-12.60	5.31	-39.11	-45.80	-45.72	-43.80	-45.52
4.99G	5.51G	1M	PK	5.5009G	-34.53	-27.00	-7.53	5.31	-39.84	-45.13	-47.26	-46.31	-45.09

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

CSE Bandedge [AV]

5210MHz

25/01/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.99G	5.51G	1M	AV	5.14938G	-41.44	-41.20	-0.24	5.31	-46.75	-50.77	-53.30	-54.98	-53.09
4.99G	5.51G	1M	AV	5.35322G	-44.38	-41.20	-3.18	5.31	-49.69	-56.70	-56.94	-54.75	-54.91



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	Pass	4.99G	5.51G	AV	5.38624G	4.89	-53.84	-53.84	-48.95	-41.20	-7.75

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.11974G	4.89	-54.00	-54.00	-49.11	-41.20	-7.91
5210MHz	Pass	4.99G	5.51G	AV	5.38624G	4.89	-53.84	-53.84	-48.95	-41.20	-7.75
5210MHz	Pass	4.99G	5.51G	PK	5.12208G	4.89	-42.68	-42.68	-37.79	-21.20	-16.59
5210MHz	Pass	4.99G	5.51G	PK	5.38884G	4.89	-43.00	-43.00	-38.11	-21.20	-16.91
5210MHz	Pass	4.99G	5.51G	PK	5.49934G	4.89	-45.06	-45.06	-40.17	-27.00	-13.17

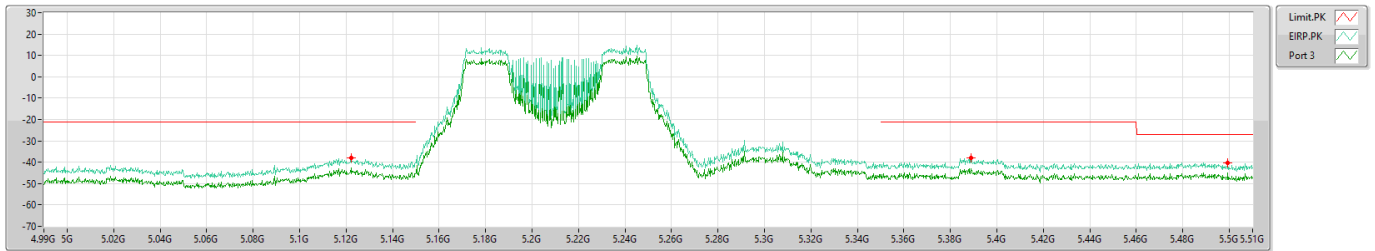
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

CSE Bandedge [PK]

5210MHz

01/02/2025



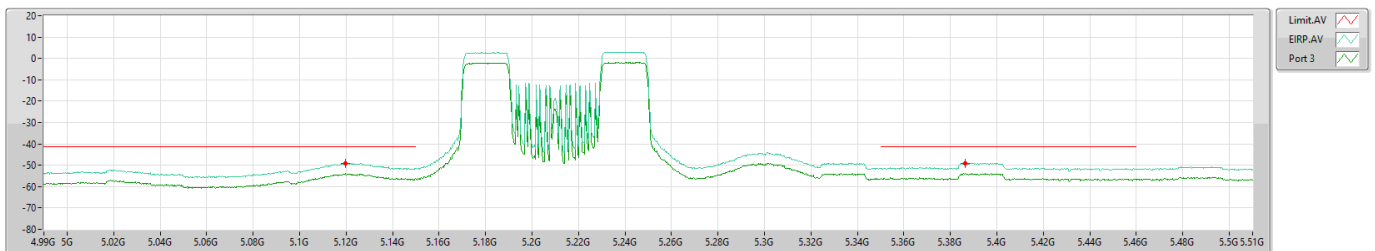
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	PK	5.12208G	-37.79	-21.20	-16.59	4.89	-42.68	-	-	-42.68
4.99G	5.51G	1M	PK	5.38884G	-38.11	-21.20	-16.91	4.89	-43.00	-	-	-43.00
4.99G	5.51G	1M	PK	5.49934G	-40.17	-27.00	-13.17	4.89	-45.06	-	-	-45.06

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

CSE Bandedge [AV]

5210MHz

01/02/2025



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	AV	5.11974G	-49.11	-41.20	-7.91	4.89	-54.00	-	-	-54.00
4.99G	5.51G	1M	AV	5.38624G	-48.95	-41.20	-7.75	4.89	-53.84	-	-	-53.84



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	Pass	4.99G	5.51G	AV	5.13846G	4.89	-50.39	-54.36	-48.93	-44.04	-41.20	-2.84

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.13846G	4.89	-50.39	-54.36	-48.93	-44.04	-41.20	-2.84
5210MHz	Pass	4.99G	5.51G	AV	5.35946G	4.89	-56.23	-54.00	-51.96	-47.07	-41.20	-5.87
5210MHz	Pass	4.99G	5.51G	PK	5.14574G	4.89	-34.23	-38.78	-32.92	-28.03	-21.20	-6.83
5210MHz	Pass	4.99G	5.51G	PK	5.35452G	4.89	-42.67	-40.53	-38.46	-33.57	-21.20	-12.37
5210MHz	Pass	4.99G	5.51G	PK	5.50012G	4.89	-45.30	-46.68	-42.93	-38.04	-27.00	-11.04

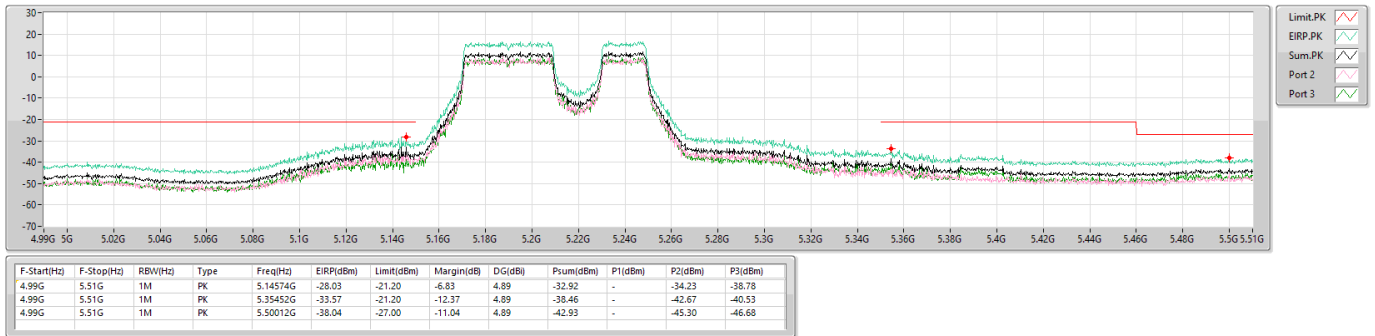
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

CSE Bandedge [PK]

5210MHz

14/03/2025

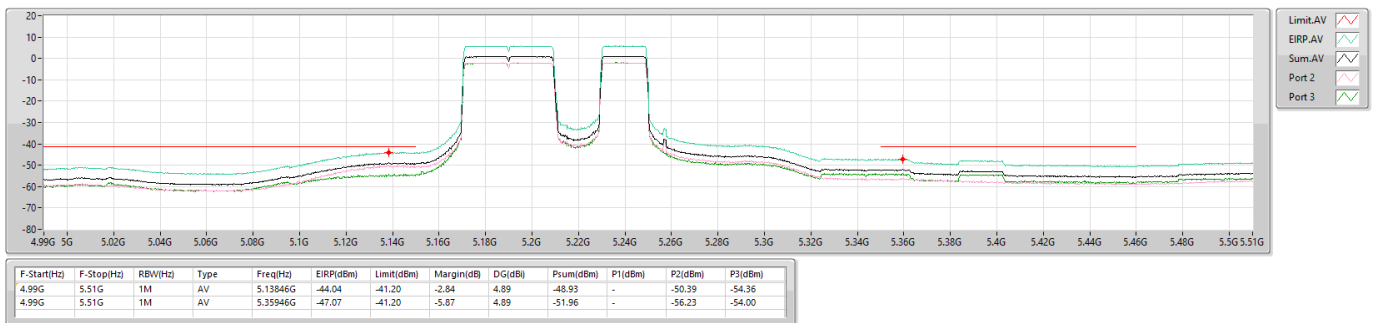


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

CSE Bandedge [AV]

5210MHz

14/03/2025





Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	Pass	4.99G	5.51G	AV	5.12572G	5.31	-54.34	-54.76	-53.65	-51.61	-47.39	-42.08	-41.20	-0.88

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.12572G	5.31	-54.34	-54.76	-53.65	-51.61	-47.39	-42.08	-41.20	-0.88
5210MHz	Pass	4.99G	5.51G	AV	5.38728G	5.31	-58.15	-58.35	-54.92	-53.41	-49.68	-44.37	-41.20	-3.17
5210MHz	Pass	4.99G	5.51G	PK	5.12026G	5.31	-33.81	-45.18	-34.01	-34.81	-29.30	-23.99	-21.20	-2.79
5210MHz	Pass	4.99G	5.51G	PK	5.35452G	5.31	-45.47	-47.87	-35.86	-42.31	-34.40	-29.09	-21.20	-7.89
5210MHz	Pass	4.99G	5.51G	PK	5.4866G	5.31	-48.29	-48.30	-48.12	-43.79	-40.61	-35.30	-27.00	-8.30

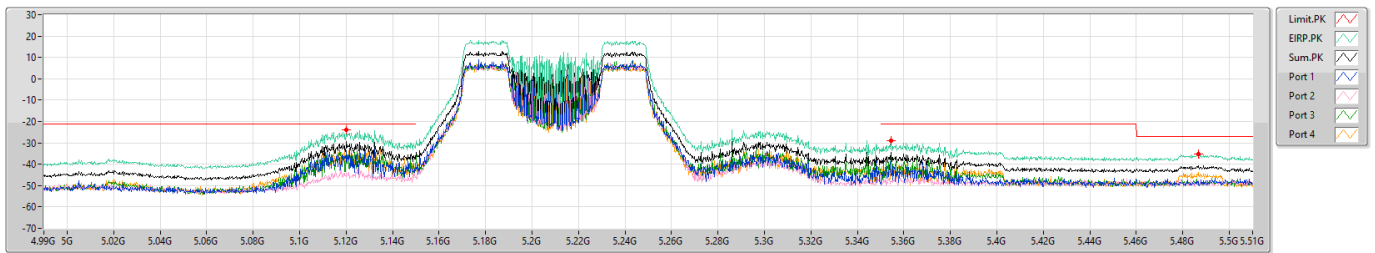
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

CSE Bandedge [PK]

5210MHz

01/02/2025



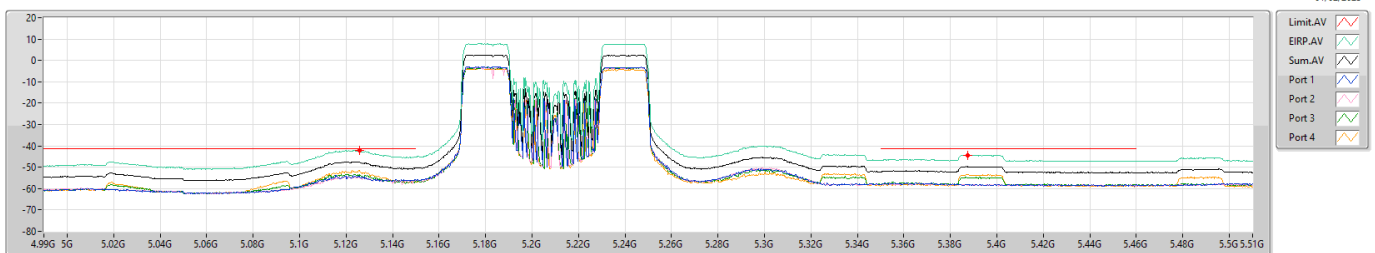
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.99G	5.51G	1M	PK	5.12026G	-23.99	-21.20	-2.79	5.31	-29.30	-33.61	-45.18	-34.01	-34.81
4.99G	5.51G	1M	PK	5.35452G	-29.09	-21.20	-7.89	5.31	-34.40	-45.47	-47.87	-35.86	-42.31
4.99G	5.51G	1M	PK	5.4866G	-35.30	-27.00	-8.30	5.31	-40.61	-48.29	-48.30	-48.12	-43.79

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

CSE Bandedge [AV]

5210MHz

01/02/2025



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.99G	5.51G	1M	AV	5.12572G	-42.08	-41.20	-0.88	5.31	-47.39	-54.34	-54.76	-53.65	-51.61
4.99G	5.51G	1M	AV	5.38728G	-44.37	-41.20	-3.17	5.31	-49.68	-58.15	-58.35	-54.92	-53.41



CSE Bandedge_Non-Beamforming_Radio 2 _Channel Puncturing_1T1S

Appendix E.21

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	Pass	4.99G	5.51G	AV	5.38754G	4.89	-53.34	-53.34	-48.45	-41.20	-7.25

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE Bandedge_Non-Beamforming_Radio 2 _Channel Puncturing_1T1S

Appendix E.21

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.14314G	4.89	-53.48	-53.48	-48.59	-41.20	-7.39
5210MHz	Pass	4.99G	5.51G	AV	5.38754G	4.89	-53.34	-53.34	-48.45	-41.20	-7.25
5210MHz	Pass	4.99G	5.51G	PK	5.146G	4.89	-37.61	-37.61	-32.72	-21.20	-11.52
5210MHz	Pass	4.99G	5.51G	PK	5.35218G	4.89	-39.95	-39.95	-35.06	-21.20	-13.86
5210MHz	Pass	4.99G	5.51G	PK	5.50402G	4.89	-44.53	-44.53	-39.64	-27.00	-12.64

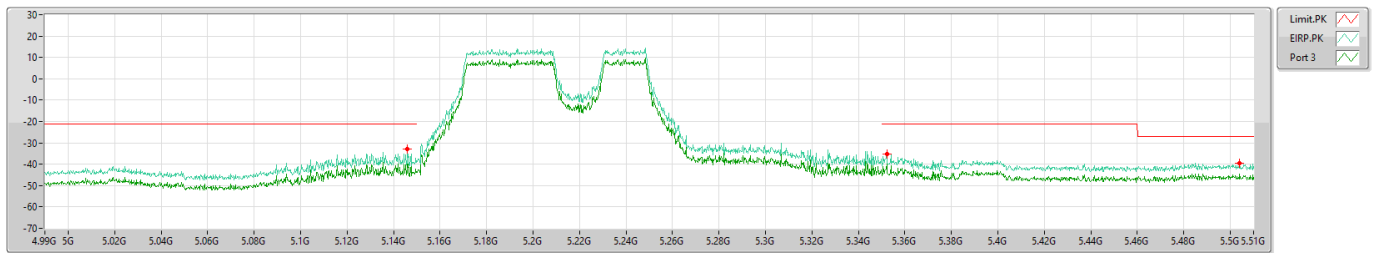
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

CSE Bandedge [PK]

5210MHz

31/01/2025

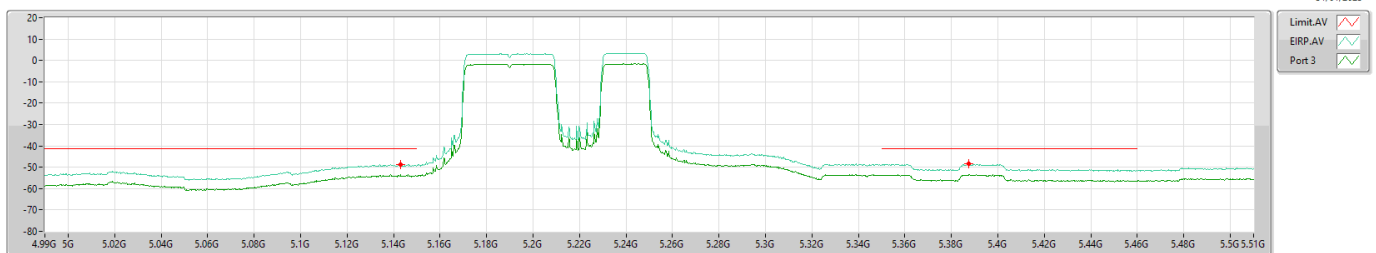


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

CSE Bandedge [AV]

5210MHz

31/01/2025





CSE Bandedge_Non-Beamforming_Radio 2 _Channel Puncturing_2T1S

Appendix E.22

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	Pass	4.99G	5.51G	AV	5.14496G	4.89	-50.61	-54.17	-49.02	-44.13	-41.20	-2.93

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE Bandedge_Non-Beamforming_Radio 2 _Channel Puncturing_2T1S

Appendix E.22

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.14496G	4.89	-50.61	-54.17	-49.02	-44.13	-41.20	-2.93
5210MHz	Pass	4.99G	5.51G	AV	5.35036G	4.89	-55.37	-53.30	-51.20	-46.31	-41.20	-5.11
5210MHz	Pass	4.99G	5.51G	PK	5.1434G	4.89	-36.46	-39.68	-34.77	-29.88	-21.20	-8.68
5210MHz	Pass	4.99G	5.51G	PK	5.36648G	4.89	-47.10	-39.54	-38.84	-33.95	-21.20	-12.75
5210MHz	Pass	4.99G	5.51G	PK	5.51G	4.89	-45.84	-44.31	-42.00	-37.11	-27.00	-10.11

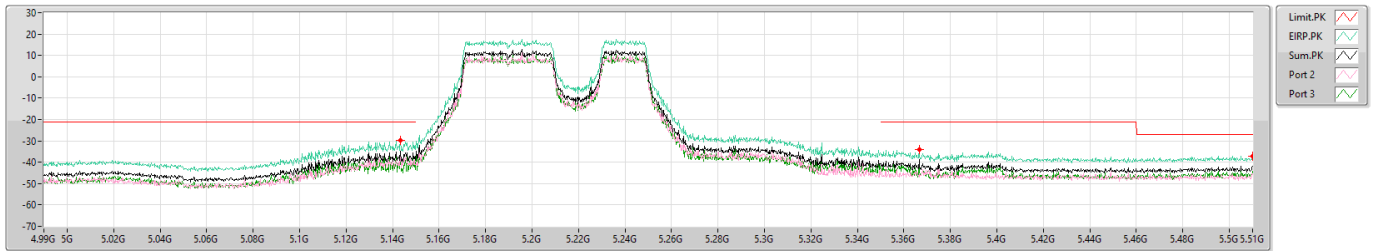
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)

CSE Bandedge [PK]

5210MHz

14/03/2025



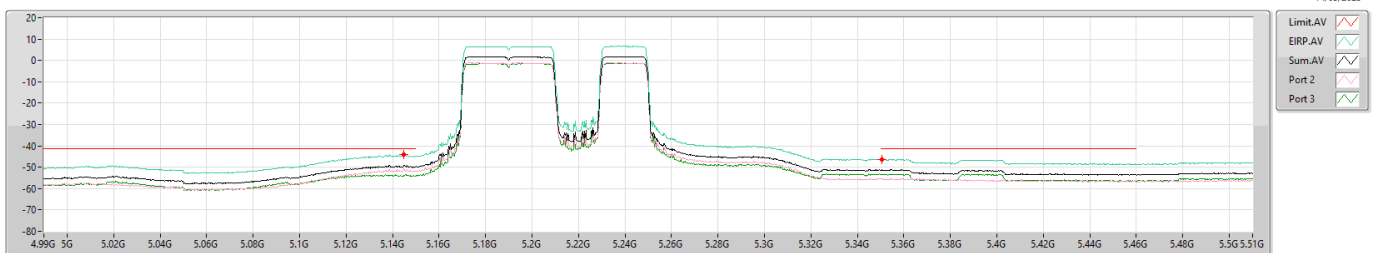
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	PK	5.1434G	-29.88	-21.20	-8.68	4.89	-34.77	-	-36.46	-39.68
4.99G	5.51G	1M	PK	5.36648G	-33.95	-21.20	-12.75	4.89	-38.84	-	-47.10	-39.54
4.99G	5.51G	1M	PK	5.51G	-37.11	-27.00	-10.11	4.89	-42.00	-	-45.84	-44.31

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)

CSE Bandedge [AV]

5210MHz

14/03/2025



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	AV	5.14496G	-44.13	-41.20	-2.93	4.89	-49.02	-	-50.61	-54.17
4.99G	5.51G	1M	AV	5.35036G	-46.31	-41.20	-5.11	4.89	-51.20	-	-55.37	-53.30



CSE Bandedge_Non-Beamforming_Radio 2 _Channel Puncturing_4T1S

Appendix E.23

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	Pass	4.99G	5.51G	AV	5.14132G	5.31	-52.75	-53.94	-55.06	-51.97	-47.25	-41.94	-41.20	-0.74

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE Bandedge_Non-Beamforming_Radio 2 _Channel Puncturing_4T1S

Appendix E.23

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99G	5.51G	AV	5.14132G	5.31	-52.75	-53.94	-55.06	-51.97	-47.25	-41.94	-41.20	-0.74
5210MHz	Pass	4.99G	5.51G	AV	5.36076G	5.31	-56.86	-56.92	-54.94	-54.66	-49.70	-44.39	-41.20	-3.19
5210MHz	Pass	4.99G	5.51G	PK	5.14782G	5.31	-41.33	-42.71	-41.10	-41.66	-35.64	-30.33	-21.20	-9.13
5210MHz	Pass	4.99G	5.51G	PK	5.35348G	5.31	-48.01	-47.67	-43.40	-44.80	-39.52	-34.21	-21.20	-13.01
5210MHz	Pass	4.99G	5.51G	PK	5.50376G	5.31	-44.29	-45.84	-47.92	-46.07	-39.82	-34.51	-27.00	-7.51

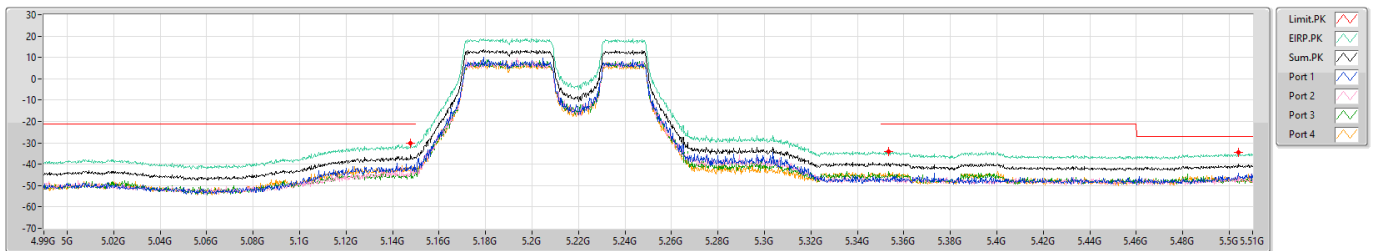
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

CSE Bandedge [PK]

5210MHz

30/01/2025



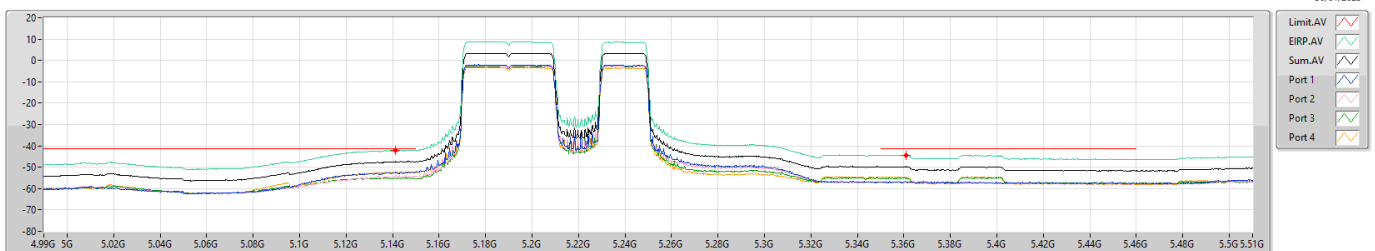
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.99G	5.51G	1M	PK	5.14762G	-30.33	-21.20	-9.13	5.31	-35.64	-41.33	-42.71	-41.10	-41.66
4.99G	5.51G	1M	PK	5.35348G	-34.21	-21.20	-13.01	5.31	-39.52	-48.01	-47.67	-43.40	-44.80
4.99G	5.51G	1M	PK	5.50376G	-34.51	-27.00	-7.51	5.31	-39.82	-44.29	-45.84	-47.92	-46.07

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

CSE Bandedge [AV]

5210MHz

30/01/2025



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.99G	5.51G	1M	AV	5.14132G	-41.94	-41.20	-0.74	5.31	-47.25	-52.75	-53.94	-55.06	-51.97
4.99G	5.51G	1M	AV	5.36076G	-44.39	-41.20	-3.19	5.31	-49.70	-56.86	-56.92	-54.94	-54.66

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.11G	5.39G	AV	5.1499G	4.19	-53.07	-53.07	-48.88	-41.20	-7.68
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.11G	5.39G	AV	5.14976G	4.19	-51.03	-51.03	-46.84	-41.20	-5.64

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.1499G	4.19	-53.07	-53.07	-48.88	-41.20	-7.68
5180MHz	Pass	5.11G	5.39G	AV	5.383G	4.19	-58.44	-58.44	-54.25	-41.20	-13.05
5180MHz	Pass	5.11G	5.39G	PK	5.14892G	4.19	-41.16	-41.16	-36.97	-21.20	-15.77
5180MHz	Pass	5.11G	5.39G	PK	5.36956G	4.19	-45.89	-45.89	-41.70	-21.20	-20.50
5200MHz	Pass	5.11G	5.39G	AV	5.14864G	4.19	-58.90	-58.90	-54.71	-41.20	-13.51
5200MHz	Pass	5.11G	5.39G	AV	5.35374G	4.19	-58.14	-58.14	-53.95	-41.20	-12.75
5200MHz	Pass	5.11G	5.39G	PK	5.11952G	4.19	-46.87	-46.87	-42.68	-21.20	-21.48
5200MHz	Pass	5.11G	5.39G	PK	5.36144G	4.19	-47.02	-47.02	-42.83	-21.20	-21.63
5240MHz	Pass	5.11G	5.39G	AV	5.14584G	4.19	-59.33	-59.33	-55.14	-41.20	-13.94
5240MHz	Pass	5.11G	5.39G	AV	5.35066G	4.19	-58.36	-58.36	-54.17	-41.20	-12.97
5240MHz	Pass	5.11G	5.39G	PK	5.14262G	4.19	-48.00	-48.00	-43.81	-21.20	-22.61
5240MHz	Pass	5.11G	5.39G	PK	5.37642G	4.19	-47.06	-47.06	-42.87	-21.20	-21.67
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.11G	5.39G	AV	5.14976G	4.19	-51.03	-51.03	-46.84	-41.20	-5.64
5180MHz	Pass	5.11G	5.39G	AV	5.1499G	4.19	-51.03	-51.03	-46.84	-41.20	-5.64
5180MHz	Pass	5.11G	5.39G	AV	5.38006G	4.19	-58.38	-58.38	-54.19	-41.20	-12.99
5180MHz	Pass	5.11G	5.39G	PK	5.14962G	4.19	-38.66	-38.66	-34.47	-21.20	-13.27
5180MHz	Pass	5.11G	5.39G	PK	5.36466G	4.19	-46.22	-46.22	-42.03	-21.20	-20.83
5200MHz	Pass	5.11G	5.39G	AV	5.14976G	4.19	-58.74	-58.74	-54.55	-41.20	-13.35
5200MHz	Pass	5.11G	5.39G	AV	5.35528G	4.19	-58.32	-58.32	-54.13	-41.20	-12.93
5200MHz	Pass	5.11G	5.39G	PK	5.1443G	4.19	-47.50	-47.50	-43.31	-21.20	-22.11
5200MHz	Pass	5.11G	5.39G	PK	5.38552G	4.19	-47.17	-47.17	-42.98	-21.20	-21.78
5240MHz	Pass	5.11G	5.39G	AV	5.14752G	4.19	-59.54	-59.54	-55.35	-41.20	-14.15
5240MHz	Pass	5.11G	5.39G	AV	5.38916G	4.19	-58.40	-58.40	-54.21	-41.20	-13.01
5240MHz	Pass	5.11G	5.39G	AV	5.39G	4.19	-58.40	-58.40	-54.21	-41.20	-13.01
5240MHz	Pass	5.11G	5.39G	PK	5.14528G	4.19	-47.20	-47.20	-43.01	-21.20	-21.81
5240MHz	Pass	5.11G	5.39G	PK	5.35682G	4.19	-47.02	-47.02	-42.83	-21.20	-21.63

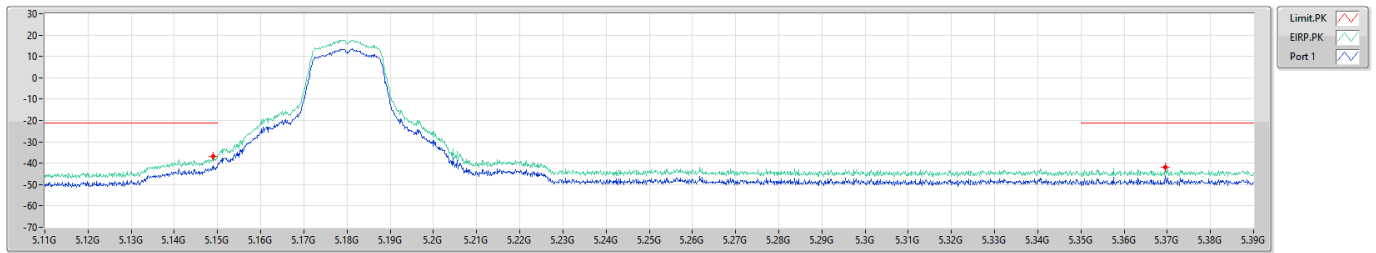
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

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

CSE Bandedge [PK]

5180MHz

28/01/2025



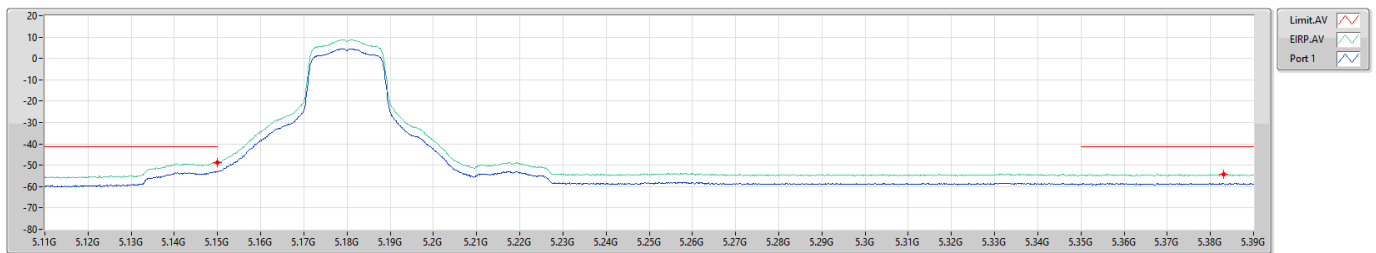
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.11G	5.39G	1M	PK	5.14892G	-36.97	-21.20	-15.77	4.19	-41.16	-41.16
5.11G	5.39G	1M	PK	5.36956G	-41.70	-21.20	-20.50	4.19	-45.89	-45.89

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

CSE Bandedge [AV]

5180MHz

28/01/2025



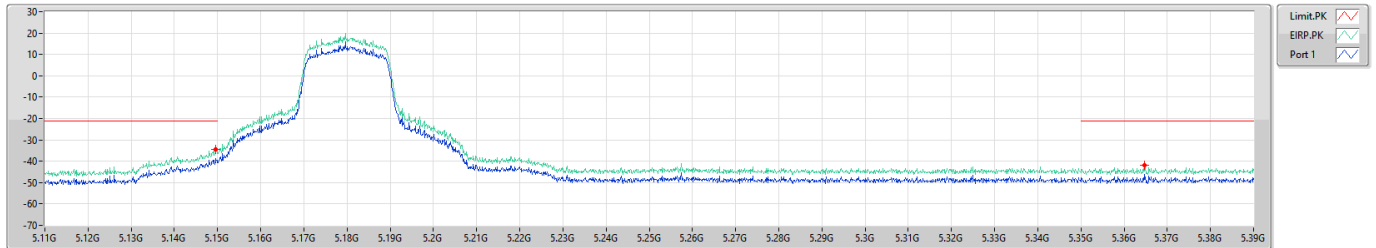
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.11G	5.39G	1M	AV	5.1499G	-48.88	-41.20	-7.68	4.19	-53.07	-53.07
5.11G	5.39G	1M	AV	5.383G	-54.25	-41.20	-13.05	4.19	-58.44	-58.44

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

5180MHz

28/01/2025

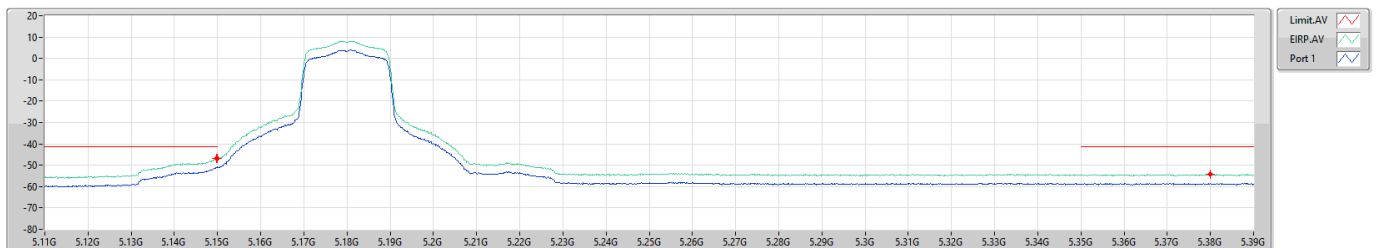


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5180MHz

28/01/2025





**CSE-Harmonics (Restricted Band)
Non-Beamforming_Radio 2_Full RU_1T1S**

Appendix E.25

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	Pass	1G	40G	PK	4.89	-58.20	-58.20	-53.31	-27.00	-26.31
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	1G	40G	PK	4.89	-60.11	-60.11	-55.22	-27.00	-28.22
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	Pass	1G	40G	PK	4.89	-61.74	-61.74	-56.85	-27.00	-29.85
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	Pass	1G	40G	AV	4.89	-76.81	-76.81	-71.92	-41.20	-30.72

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.79	-84.79	-79.90	-41.20	-38.70
5180MHz	Pass	1G	40G	AV	39.883G	4.89	-76.80	-76.80	-71.91	-41.20	-30.71
5180MHz	Pass	1G	40G	PK	10.36G	4.89	-60.47	-60.47	-55.58	-27.00	-28.58
5200MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.57	-84.57	-79.68	-41.20	-38.48
5200MHz	Pass	1G	40G	AV	39.883G	4.89	-76.24	-76.24	-71.35	-41.20	-30.15
5200MHz	Pass	1G	40G	PK	10.39778G	4.89	-58.20	-58.20	-53.31	-27.00	-26.31
5240MHz	Pass	1G	40G	AV	10.60009G	4.89	-85.09	-85.09	-80.20	-41.20	-39.00
5240MHz	Pass	1G	40G	AV	39.87934G	4.89	-76.14	-76.14	-71.25	-41.20	-30.05
5240MHz	Pass	1G	40G	PK	10.47334G	4.89	-62.25	-62.25	-57.36	-27.00	-30.36
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	40G	AV	10.60009G	4.89	-85.06	-85.06	-80.17	-41.20	-38.97
5180MHz	Pass	1G	40G	AV	39.844G	4.89	-76.46	-76.46	-71.57	-41.20	-30.37
5180MHz	Pass	1G	40G	PK	10.35269G	4.89	-60.11	-60.11	-55.22	-27.00	-28.22
5200MHz	Pass	1G	40G	AV	10.60009G	4.89	-85.18	-85.18	-80.29	-41.20	-39.09
5200MHz	Pass	1G	40G	AV	39.86838G	4.89	-76.88	-76.88	-71.99	-41.20	-30.79
5200MHz	Pass	1G	40G	PK	10.39413G	4.89	-62.25	-62.25	-57.36	-27.00	-30.36
5240MHz	Pass	1G	40G	AV	10.60009G	4.89	-85.27	-85.27	-80.38	-41.20	-39.18
5240MHz	Pass	1G	40G	AV	39.85375G	4.89	-76.52	-76.52	-71.63	-41.20	-30.43
5240MHz	Pass	1G	40G	PK	10.47944G	4.89	-63.21	-63.21	-58.32	-27.00	-31.32
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.82	-84.82	-79.93	-41.20	-38.73
5190MHz	Pass	1G	40G	AV	39.89763G	4.89	-76.82	-76.82	-71.93	-41.20	-30.73
5190MHz	Pass	1G	40G	PK	10.36853G	4.89	-61.74	-61.74	-56.85	-27.00	-29.85
5230MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.94	-84.94	-80.05	-41.20	-38.85
5230MHz	Pass	1G	40G	AV	39.85375G	4.89	-76.52	-76.52	-71.63	-41.20	-30.43
5230MHz	Pass	1G	40G	PK	10.46969G	4.89	-65.03	-65.03	-60.14	-27.00	-33.14
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.88	-84.88	-79.99	-41.20	-38.79
5210MHz	Pass	1G	40G	AV	22.03684G	4.89	-76.81	-76.81	-71.92	-41.20	-30.72
5210MHz	Pass	1G	40G	PK	10.40144G	4.89	-65.76	-65.76	-60.87	-27.00	-33.87

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

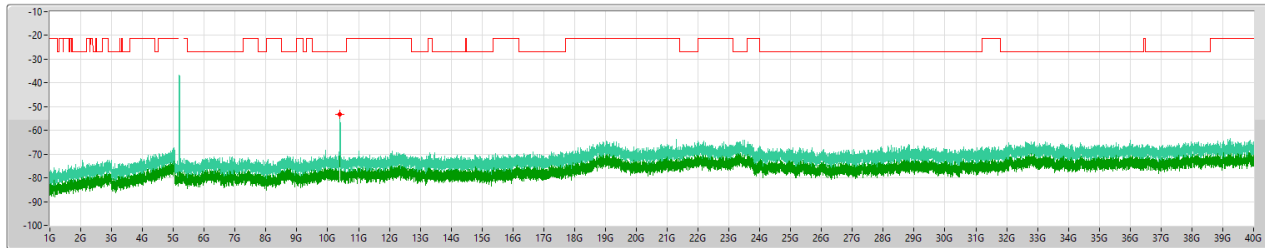


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE [PK]

5200MHz

30/01/2025



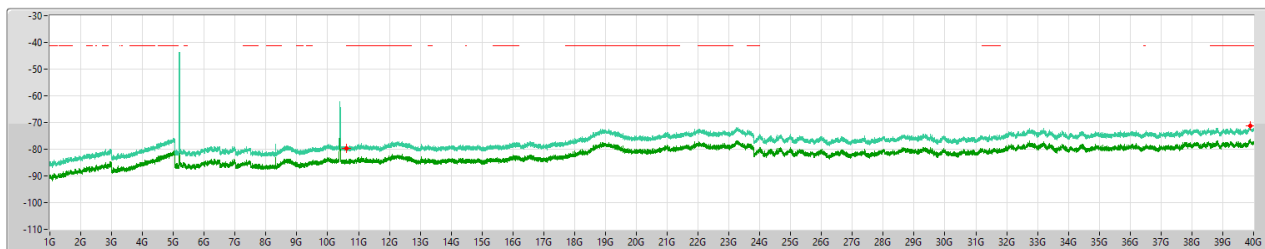
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.39778G	-53.31	-27.00	-26.31	4.89	-58.20	-	-	-58.20

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE [AV]

5200MHz

30/01/2025

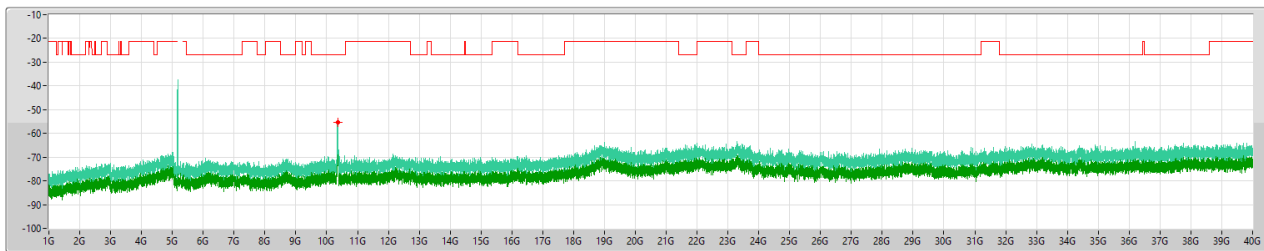


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-79.68	-41.20	-38.48	4.89	-84.57	-	-	-84.57
1G	40G	1M	AV	39.889G	-71.35	-41.20	-30.15	4.89	-76.24	-	-	-76.24

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE [PK]

5180MHz



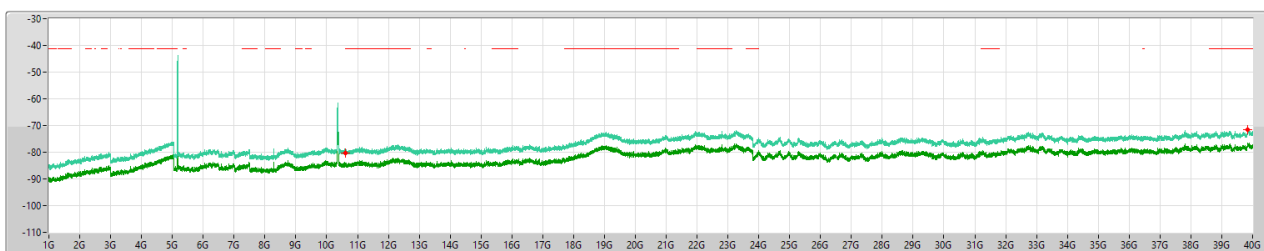
30/01/2025
Limit.PK
EIRP.PK
Port 3

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.35269G	-55.22	-27.00	-28.22	4.89	-60.11	-	-	-60.11

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE [AV]

5180MHz



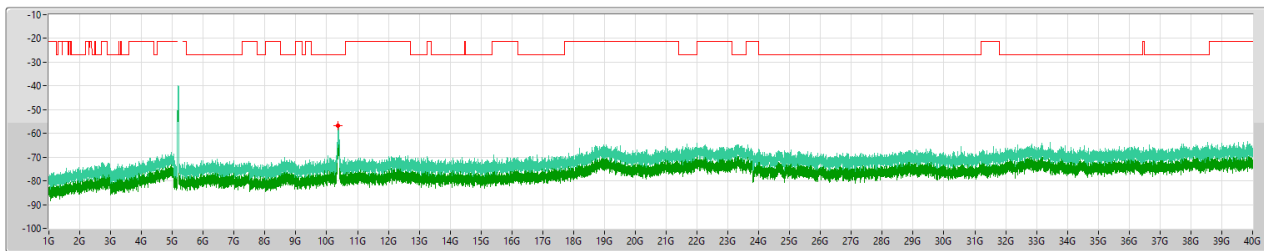
30/01/2025
Limit.AV
EIRP.AV
Port 3

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-80.17	-41.20	-38.97	4.89	-85.06	-	-	-85.06
1G	40G	1M	AV	39.844G	-71.57	-41.20	-30.37	4.89	-76.46	-	-	-76.46

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

CSE [PK]

5190MHz

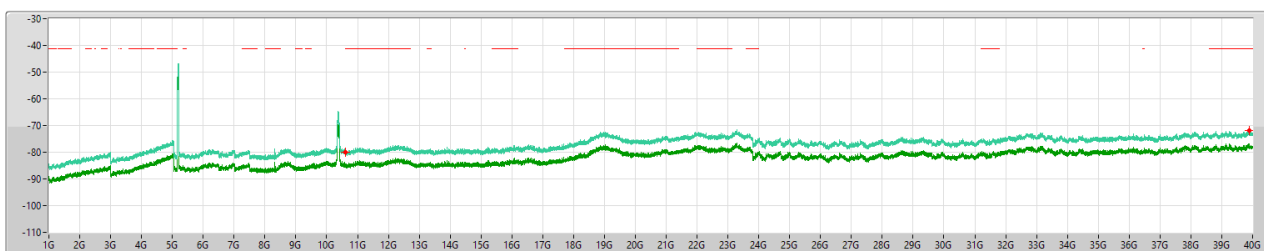


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.36853G	-56.85	-27.00	-29.85	4.89	-61.74	-	-	-61.74

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

CSE [AV]

5190MHz



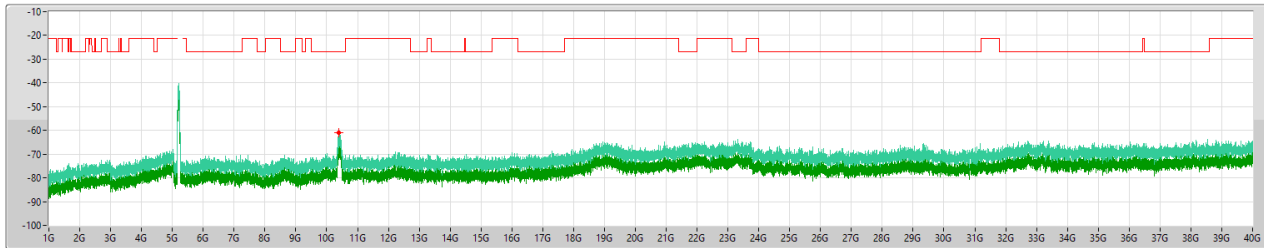
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-79.93	-41.20	-38.73	4.89	-84.82	-	-	-84.82
1G	40G	1M	AV	39.89763G	-71.93	-41.20	-30.73	4.89	-76.82	-	-	-76.82

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

CSE [PK]

5210MHz

30/01/2025



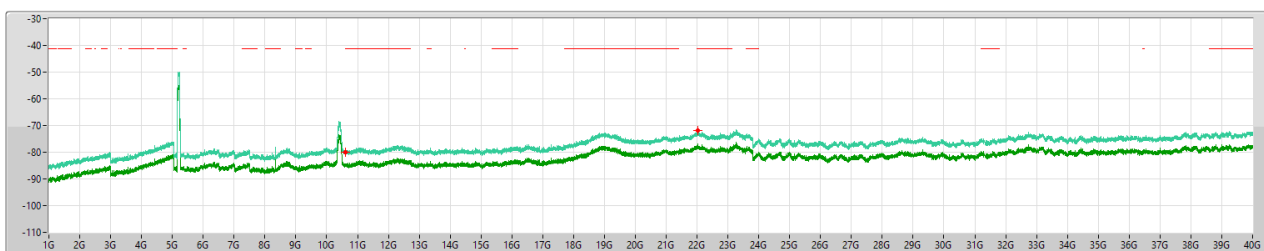
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.40144G	-60.87	-27.00	-33.87	4.89	-65.76	-	-	-65.76

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

CSE [AV]

5210MHz

30/01/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-79.99	-41.20	-38.79	4.89	-84.88	-	-	-84.88
1G	40G	1M	AV	22.03684G	-71.92	-41.20	-30.72	4.89	-76.81	-	-	-76.81



CSE-Harmonics (Restricted Band)
_Non-Beamforming_Radio 2_Full RU_2T1S

Appendix E.26

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	EIRP (dBm)	Psum (dBm)	P2 (dBm)	P3 (dBm)	Limit (dBm)	Margin (dB)	DG (dBi)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	Pass	1G	40G	PK	-45.44	-50.33	-50.58	-62.77	-27.00	-18.44	4.89
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	1G	40G	PK	-45.89	-50.78	-51.05	-63.06	-27.00	-18.89	4.89
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	1G	40G	PK	-47.61	-52.50	-52.67	-66.76	-27.00	-20.61	4.89
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	1G	40G	PK	-51.44	-56.33	-56.58	-68.80	-27.00	-24.44	4.89

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P2 (dBm)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.60	-84.88	-81.73	-76.84	-41.20	-35.64
5180MHz	Pass	1G	40G	AV	39.93906G	4.89	-76.86	-76.10	-73.45	-68.56	-41.20	-27.36
5180MHz	Pass	1G	40G	PK	10.36G	4.89	-50.95	-60.63	-50.51	-45.62	-27.00	-18.62
5200MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.88	-84.29	-81.56	-76.67	-41.20	-35.47
5200MHz	Pass	1G	40G	AV	39.92444G	4.89	-76.22	-76.51	-73.35	-68.46	-41.20	-27.26
5200MHz	Pass	1G	40G	PK	10.399G	4.89	-50.58	-62.77	-50.33	-45.44	-27.00	-18.44
5240MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.60	-84.08	-81.32	-76.43	-41.20	-35.23
5240MHz	Pass	1G	40G	AV	39.89763G	4.89	-76.41	-76.76	-73.57	-68.68	-41.20	-27.48
5240MHz	Pass	1G	40G	PK	10.47944G	4.89	-50.95	-62.65	-50.67	-45.78	-27.00	-18.78
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.65	-84.16	-81.39	-76.50	-41.20	-35.30
5180MHz	Pass	1G	40G	AV	39.89763G	4.89	-76.58	-76.60	-73.58	-68.69	-41.20	-27.49
5180MHz	Pass	1G	40G	PK	10.36366G	4.89	-51.05	-63.06	-50.78	-45.89	-27.00	-18.89
5200MHz	Pass	1G	40G	AV	10.60009G	4.89	-85.27	-84.68	-81.95	-77.06	-41.20	-35.86
5200MHz	Pass	1G	40G	AV	39.90981G	4.89	-76.69	-76.41	-73.54	-68.65	-41.20	-27.45
5200MHz	Pass	1G	40G	PK	10.39778G	4.89	-51.21	-61.33	-50.81	-45.92	-27.00	-18.92
5240MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.40	-84.62	-81.50	-76.61	-41.20	-35.41
5240MHz	Pass	1G	40G	AV	39.91347G	4.89	-76.26	-76.32	-73.28	-68.39	-41.20	-27.19
5240MHz	Pass	1G	40G	PK	10.47944G	4.89	-52.07	-64.24	-51.81	-46.92	-27.00	-19.92
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	40G	AV	10.60009G	4.89	-85.03	-84.29	-81.63	-76.74	-41.20	-35.54
5190MHz	Pass	1G	40G	AV	39.90859G	4.89	-76.87	-76.42	-73.63	-68.74	-41.20	-27.54
5190MHz	Pass	1G	40G	PK	10.37584G	4.89	-52.67	-66.76	-52.50	-47.61	-27.00	-20.61
5230MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.91	-84.82	-81.85	-76.96	-41.20	-35.76
5230MHz	Pass	1G	40G	AV	39.94638G	4.89	-76.92	-76.35	-73.62	-68.73	-41.20	-27.53
5230MHz	Pass	1G	40G	PK	10.45628G	4.89	-52.71	-67.09	-52.55	-47.66	-27.00	-20.66
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.79	-84.68	-81.72	-76.83	-41.20	-35.63
5210MHz	Pass	1G	40G	AV	39.9025G	4.89	-76.81	-76.71	-73.75	-68.86	-41.20	-27.66
5210MHz	Pass	1G	40G	PK	10.41363G	4.89	-56.58	-68.80	-56.33	-51.44	-27.00	-24.44

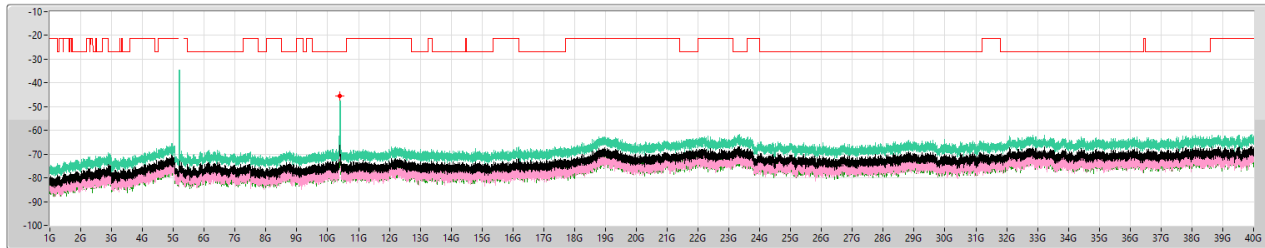
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

CSE [PK]

5200MHz

14/03/2025



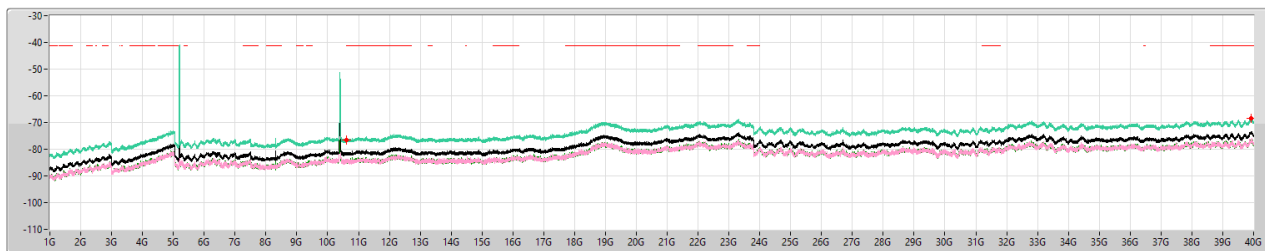
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.399G	-45.44	-27.00	-18.44	4.89	-50.33	-	-50.58	-62.77

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

CSE [AV]

5200MHz

14/03/2025



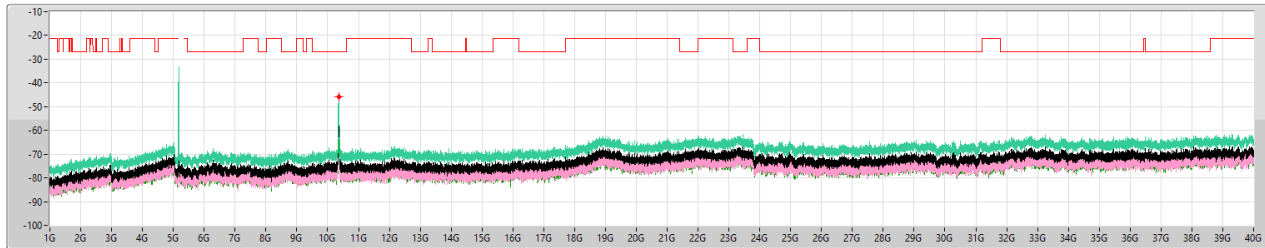
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-76.67	-41.20	-35.47	4.89	-81.56	-	-84.88	-84.29
1G	40G	1M	AV	39.92444G	-68.46	-41.20	-27.26	4.89	-73.35	-	-76.22	-76.51

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

CSE [PK]

5180MHz

14/03/2025



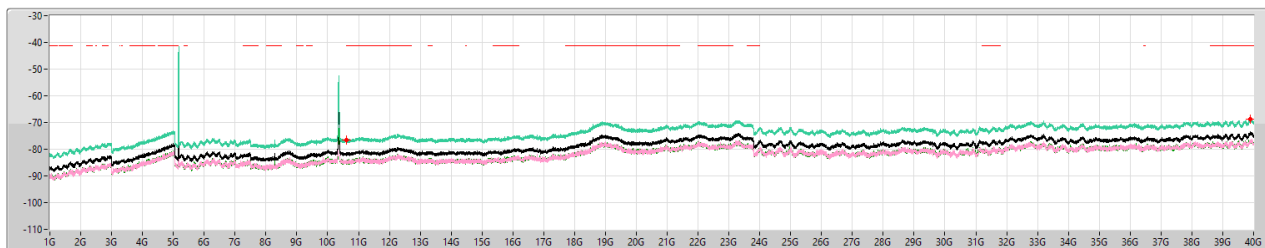
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.36366G	-45.89	-27.00	-18.89	4.89	-50.78	-	-51.05	-63.06

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

CSE [AV]

5180MHz

14/03/2025



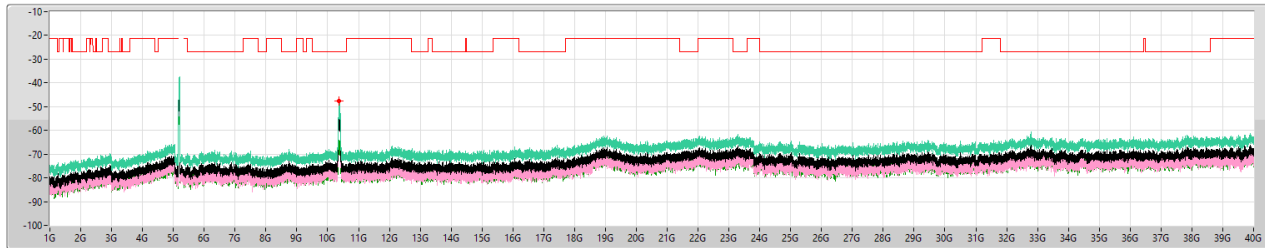
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-76.50	-41.20	-35.30	4.89	-81.39	-	-84.65	-84.16
1G	40G	1M	AV	39.89763G	-68.69	-41.20	-27.49	4.89	-73.58	-	-76.58	-76.60

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

CSE [PK]

5190MHz

14/03/2025



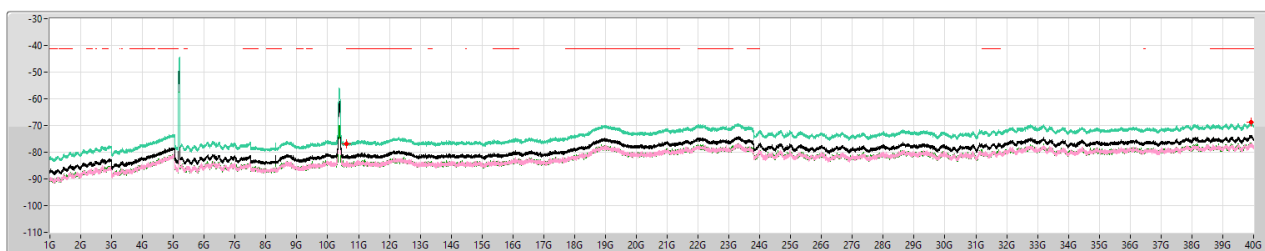
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.37584G	-47.61	-27.00	-20.61	4.89	-52.50	-	-52.67	-66.76

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

CSE [AV]

5190MHz

14/03/2025



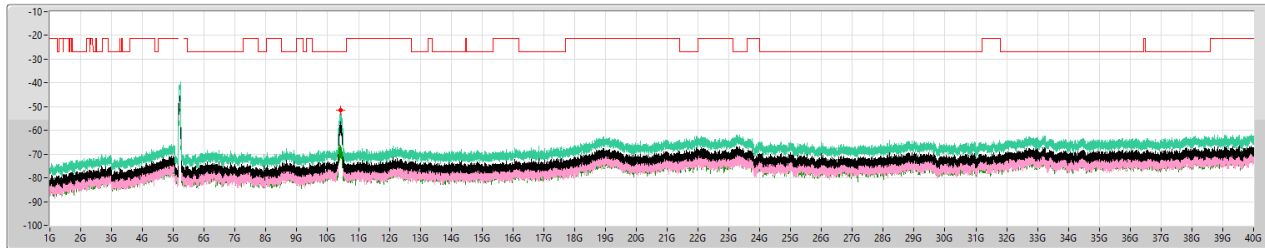
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-76.74	-41.20	-35.54	4.89	-81.63	-	-85.03	-84.29
1G	40G	1M	AV	39.90859G	-68.74	-41.20	-27.54	4.89	-73.63	-	-76.87	-76.42

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

CSE [PK]

5210MHz

14/03/2025



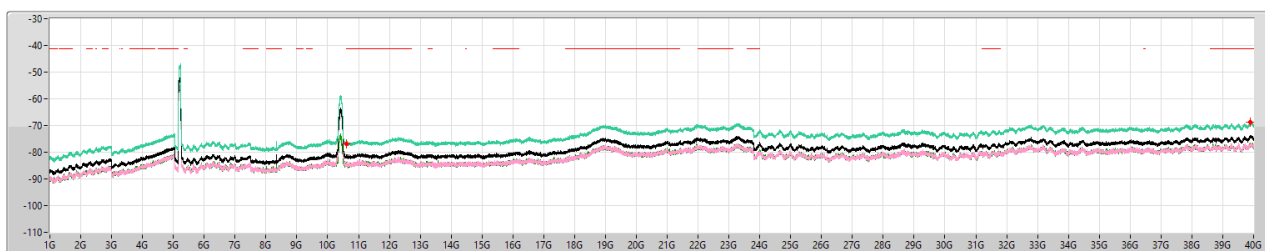
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	PK	10.41363G	-51.44	-27.00	-24.44	4.89	-56.33	-	-56.58	-68.80

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

CSE [AV]

5210MHz

14/03/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
1G	40G	1M	AV	10.60009G	-76.83	-41.20	-35.63	4.89	-81.72	-	-84.79	-84.68
1G	40G	1M	AV	39.9025G	-68.86	-41.20	-27.66	4.89	-73.75	-	-76.81	-76.71



CSE-Harmonics (Restricted Band)
Non-Beamforming_Radio 2_Full RU_4T1S

Appendix E.27

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	1G	40G	PK	5.31	-52.47	-51.62	-59.86	-60.20	-48.38	-43.07	-27.00	-16.07
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	1G	40G	PK	5.31	-55.19	-51.85	-61.22	-56.94	-49.09	-43.78	-27.00	-16.78
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	1G	40G	PK	5.31	-57.73	-53.94	-65.88	-62.74	-51.86	-46.55	-27.00	-19.55
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	1G	40G	PK	5.31	-59.53	-58.80	-67.89	-65.38	-55.40	-50.09	-27.00	-23.09

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE-Harmonics (Restricted Band)
Non-Beamforming_Radio 2_Full RU_4T1S

Appendix E.27

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	P3 (dBm)	P4 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.07	-85.37	-85.40	-84.98	-79.18	-73.87	-41.20	-32.67
5180MHz	Pass	1G	40G	AV	39.93053G	5.31	-77.54	-77.74	-77.13	-76.63	-71.22	-65.91	-41.20	-24.71
5180MHz	Pass	1G	40G	PK	10.35756G	5.31	-52.47	-51.62	-59.86	-60.20	-48.38	-43.07	-27.00	-16.07
5200MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.28	-84.78	-85.28	-84.51	-78.93	-73.62	-41.20	-32.42
5200MHz	Pass	1G	40G	AV	39.93297G	5.31	-77.31	-77.36	-76.76	-77.74	-71.26	-65.95	-41.20	-24.75
5200MHz	Pass	1G	40G	PK	10.39778G	5.31	-54.98	-51.71	-61.34	-58.24	-49.15	-43.84	-27.00	-16.84
5240MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.07	-84.98	-85.49	-85.13	-79.14	-73.83	-41.20	-32.63
5240MHz	Pass	1G	40G	AV	39.11031G	5.31	-77.20	-76.84	-76.86	-77.75	-71.13	-65.82	-41.20	-24.62
5240MHz	Pass	1G	40G	PK	10.47578G	5.31	-56.40	-50.53	-65.15	-59.90	-49.04	-43.73	-27.00	-16.73
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.31	-85.10	-85.07	-85.25	-79.16	-73.85	-41.20	-32.65
5180MHz	Pass	1G	40G	AV	39.09081G	5.31	-76.68	-77.63	-77.65	-77.29	-71.27	-65.96	-41.20	-24.76
5180MHz	Pass	1G	40G	PK	10.36122G	5.31	-55.19	-51.85	-61.22	-56.94	-49.09	-43.78	-27.00	-16.78
5200MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.07	-84.32	-84.90	-85.46	-78.90	-73.59	-41.20	-32.39
5200MHz	Pass	1G	40G	AV	39.10788G	5.31	-77.36	-77.54	-77.40	-77.36	-71.39	-66.08	-41.20	-24.88
5200MHz	Pass	1G	40G	PK	10.39778G	5.31	-54.20	-53.18	-61.69	-55.61	-49.20	-43.89	-27.00	-16.89
5240MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.19	-85.19	-85.04	-84.62	-78.98	-73.67	-41.20	-32.47
5240MHz	Pass	1G	40G	AV	39.11153G	5.31	-77.46	-77.15	-77.38	-77.23	-71.28	-65.97	-41.20	-24.77
5240MHz	Pass	1G	40G	PK	10.47213G	5.31	-54.34	-54.16	-63.58	-56.90	-50.00	-44.69	-27.00	-17.69
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	1G	40G	AV	10.60009G	5.31	-84.42	-84.96	-85.19	-84.78	-78.81	-73.50	-41.20	-32.30
5190MHz	Pass	1G	40G	AV	39.10909G	5.31	-76.69	-77.33	-77.74	-77.91	-71.37	-66.06	-41.20	-24.86
5190MHz	Pass	1G	40G	PK	10.39047G	5.31	-57.73	-53.94	-65.88	-62.74	-51.86	-46.55	-27.00	-19.55
5230MHz	Pass	1G	40G	AV	10.60009G	5.31	-84.42	-85.34	-85.37	-84.90	-78.97	-73.66	-41.20	-32.46
5230MHz	Pass	1G	40G	AV	39.10422G	5.31	-77.50	-77.08	-78.00	-77.04	-71.37	-66.06	-41.20	-24.86
5230MHz	Pass	1G	40G	PK	10.45872G	5.31	-56.30	-57.18	-61.20	-59.45	-52.11	-46.80	-27.00	-19.80
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	40G	AV	10.60009G	5.31	-85.04	-84.32	-85.74	-85.28	-79.04	-73.73	-41.20	-32.53
5210MHz	Pass	1G	40G	AV	39.91956G	5.31	-76.92	-77.61	-77.38	-77.07	-71.22	-65.91	-41.20	-24.71
5210MHz	Pass	1G	40G	PK	10.42338G	5.31	-59.53	-58.80	-67.89	-65.38	-55.40	-50.09	-27.00	-23.09

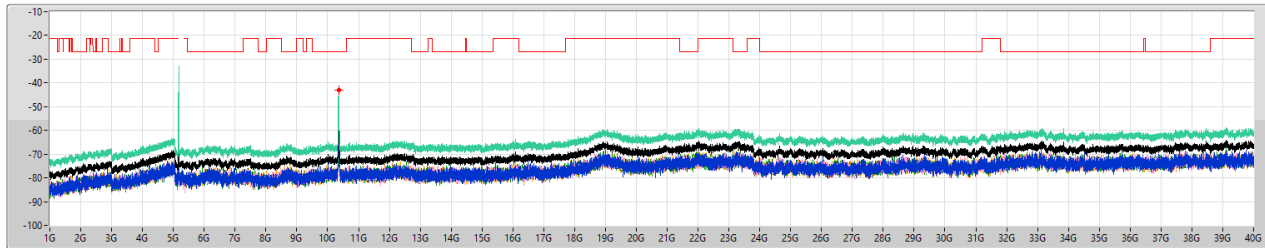
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

CSE [PK]

5180MHz

25/01/2025



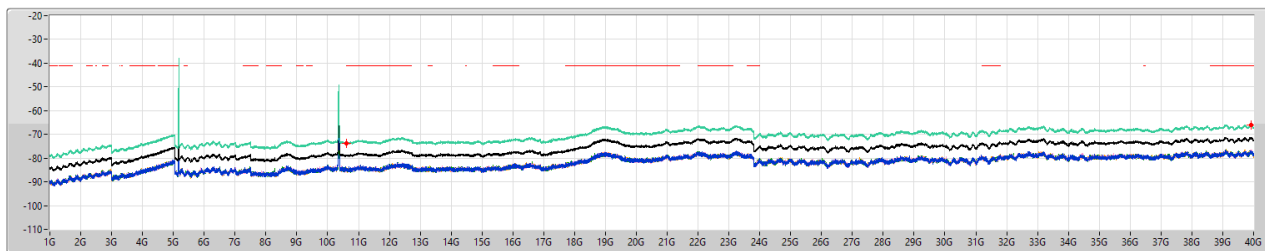
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	PK	10.35756G	-43.07	-27.00	-16.07	5.31	-48.38	-52.47	-51.62	-59.86	-60.20

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

CSE [AV]

5180MHz

25/01/2025



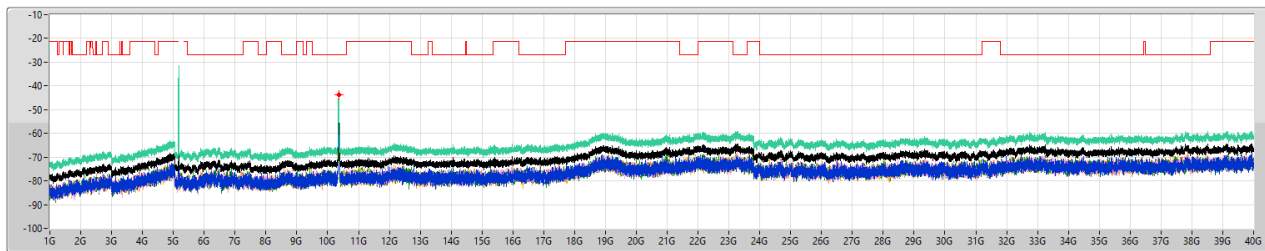
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	AV	10.60009G	-73.87	-41.20	-32.67	5.31	-79.18	-85.07	-85.37	-85.40	-84.98
1G	40G	1M	AV	39.93053G	-65.91	-41.20	-24.71	5.31	-71.22	-77.54	-77.74	-77.13	-76.63

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSE [PK]

5180MHz

25/01/2025



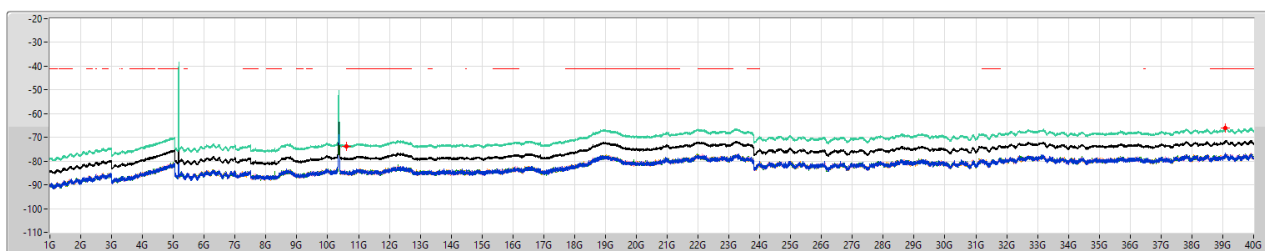
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	PK	10.36122G	-43.78	-27.00	-16.78	5.31	-49.09	-55.19	-51.85	-61.22	-56.94

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSE [AV]

5180MHz

25/01/2025



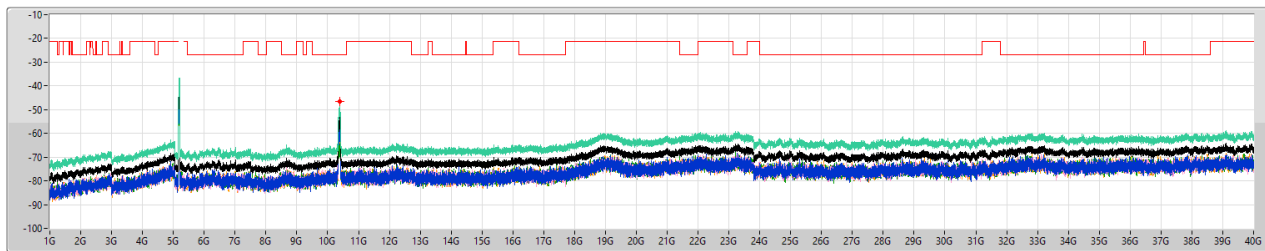
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	AV	10.60009G	-73.85	-41.20	-32.65	5.31	-79.16	-85.31	-85.10	-85.07	-85.25
1G	40G	1M	AV	39.09081G	-65.96	-41.20	-24.76	5.31	-71.27	-76.68	-77.63	-77.65	-77.29

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSE [PK]

5190MHz

26/01/2025



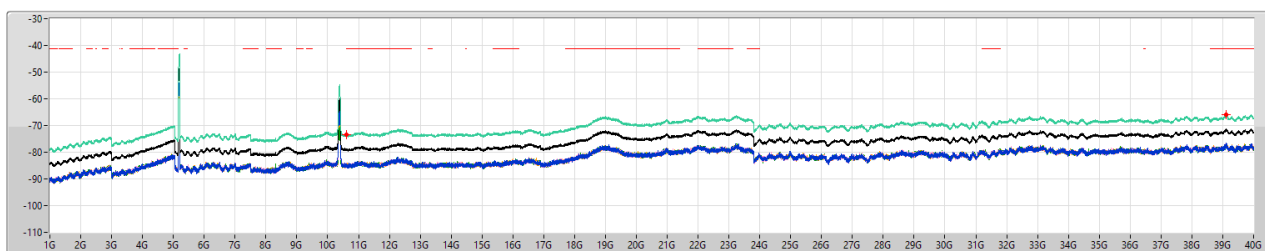
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	PK	10.39047G	-46.55	-27.00	-19.55	5.31	-51.86	-57.73	-53.94	-65.88	-62.74

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSE [AV]

5190MHz

26/01/2025



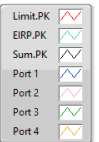
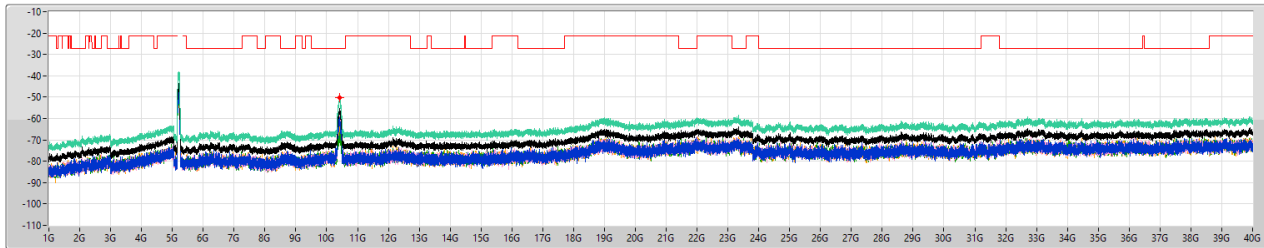
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	AV	10.60009G	-73.50	-41.20	-32.30	5.31	-78.81	-84.42	-84.96	-85.19	-84.78
1G	40G	1M	AV	39.10909G	-66.06	-41.20	-24.86	5.31	-71.37	-76.69	-77.33	-77.74	-77.91

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

CSE [PK]

5210MHz

26/01/2025



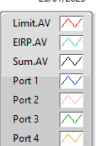
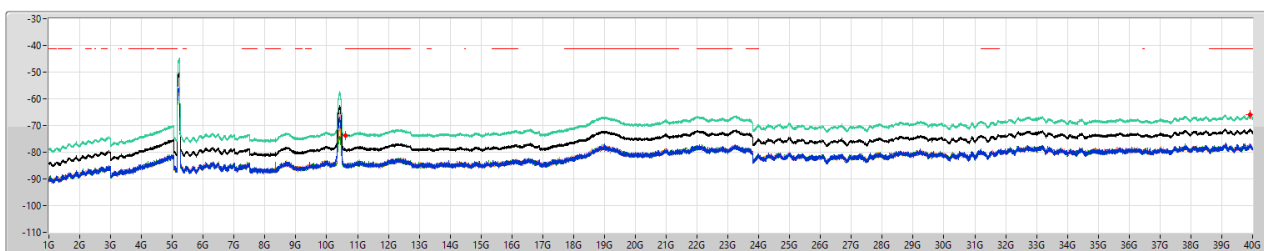
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	PK	10.42338G	-50.09	-27.00	-23.09	5.31	-55.40	-59.53	-58.80	-67.89	-65.38

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

CSE [AV]

5210MHz

26/01/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1G	40G	1M	AV	10.60009G	-73.73	-41.20	-32.53	5.31	-79.04	-85.04	-84.32	-85.74	-85.28
1G	40G	1M	AV	39.91956G	-65.91	-41.20	-24.71	5.31	-71.22	-76.92	-77.61	-77.38	-77.07



CSE-Harmonics (Restricted Band)
_Non-Beamforming_Radio 2_Multi-RU_1T1S

Appendix E.28

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	Pass	1G	40G	AV	4.89	-54.47	-54.47	-49.58	-41.20	-8.38

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE-Harmonics (Restricted Band)
_Non-Beamforming_Radio 2_Multi-RU_1T1S

Appendix E.28

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	1G	40G	AV	10.60009G	4.89	-84.46	-84.46	-79.57	-41.20	-38.37
5210MHz	Pass	1G	40G	AV	15.65913G	4.89	-54.47	-54.47	-49.58	-41.20	-8.38
5210MHz	Pass	1G	40G	PK	10.41972G	4.89	-65.12	-65.12	-60.23	-27.00	-33.23
5210MHz	Pass	1G	40G	PK	15.66034G	4.89	-46.91	-46.91	-42.02	-21.20	-20.82

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX