

FCC Radio Test Report

FCC ID : QXO-AP3020W
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP3020W
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville
North Carolina United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville
North Carolina United States 27560
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 16, 2026, and testing was started from Feb. 04, 2026 and completed on Apr. 28, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FR611201-01AC	01	Initial issue of report	Jun. 08, 2026

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Ryan Hsiao

Report Producer: 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
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20),be(EHT20)	2412-2462	1-11 [11]

Non-Beamforming_Radio 1_Full RU_1T1S

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11be EHT20	20	1TX

Non-Beamforming_Radio 1_Full RU_2T1S

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX

Non-Beamforming_Radio 1_Full RU_2T2S

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20	20	2TX

Beamforming_Radio 1

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX

Note:

- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- BWch is the nominal channel bandwidth.
- Evaluated EHT20 mode only due to the similar modulation. The power setting of HT20/VHT20/HEW20 mode are the same or lower than EHT20

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WNC	95XPAM15.GAD	Dipole	I-Pex	2.4G+5G	Radio 1_2.4G Radio 2_5G
2	WNC	95XPAM15.GAC	Dipole	I-Pex	2.4G+5G	Radio 1_2.4G Radio 2_5G
3	WNC	95XPAM15.GAF	Dipole	I-Pex	BT+6E	Radio 1_6G Radio 3_BT
4	WNC	95XPAM15.GAE	Dipole	I-Pex	BT+6E	Radio 1_6G Radio 3_BT
5	WNC	48R7PB91.SGBASK	Printed PIFA	I-Pex	BT	Radio 3_BT

Ant.	Port	Gain (dBi)									
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT
1	1	5.69	5.76	6.36	6.16	6.7	-	-	-	-	-
2	2	4.65	5.1	4.93	4.79	3.37	-	-	-	-	-
3	1	-	-	-	-	-	5.05	5.37	4.67	5.57	4.7
4	2	-	-	-	-	-	4.15	5.2	4.36	4.9	6
5	3	-	-	-	-	-	-	-	-	-	3.5

Ant.		Composite Gain (dBi)								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1~2	DG [1SS]	5.69	5.76	6.36	6.16	6.7	-	-	-	-
	DG [2SS]	5.69	5.76	6.36	6.16	6.7	-	-	-	-
3~4	DG [1SS]	-	-	-	-	-	5.05	5.37	4.67	5.57
	DG [2SS]	-	-	-	-	-	5.05	5.37	4.67	5.57

Note 1: The EUT has five 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 AP611201-01.

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit

Ant. 1 (port 1) and Ant. 2 (port 2) receive simultaneously.

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 5GHz function:

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

Ant. 1 (port 1) could transmit

Ant. 1 (port 1) and Ant. 2 (port 2) receive simultaneously.

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

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

**For 6GHz function:**For IEEE 802.11 ax/be mode(1TX/2RX) < **Radio 1** >

Ant. 3 (port 1) could transmit

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

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

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

For BT function:For IEEE 802.15.1 Bluetooth mode (1TX/1RX) < **Radio 3** >

Ant. 3 (port 1) ,Ant. 4 (port 2) and Ant. 5 (port 3)could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 4(port 2) and it was recorded in this test report.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Adapter/PoE		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit	☒ Full RU	☐ Partial RU	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

**1.1.4 Mode Test Duty Cycle****Non-Beamforming_Radio 1_Full RU_1T1S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_1TX	0.954	0.2	12.422m	100
802.11g_Nss1,(6Mbps)_1TX	0.949	0.23	2.069m	500
802.11be EHT20_Nss1,(MCS0)_1TX	0.979	0.09	1.5m	1k

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

Non-Beamforming_Radio 1_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.954	0.2	12.422m	100
802.11g_Nss1,(6Mbps)_2TX	0.949	0.23	2.069m	500
802.11be EHT20_Nss1,(MCS0)_2TX	0.961	0.17	790.625u	2k

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

Non-Beamforming_Radio 1_Full RU_2T2S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20_Nss2,(MCS0)_2TX	0.961	0.17	790.625u	2k

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

Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.979	0.09	1.5m	1k

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

1.1.5 Table for Multiple Listing

DDR	Brand	Model
Main	Micron	MT40A1G16TB-062E:F
Second	SK HYNIX	H5AG46DXNDX117N

From the above models, model: MT40A1G16TB-062E:F was selected as representative model for the test and its data was recorded in this report.

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 + Errata to C63.10a-2024

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

- ♦ KDB 558074 D01 v05r02
- ♦ 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	Daniel Lin	20.5~22.7℃ / 57~59%	28/Apr/2026
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	21.6~21.9℃ / 51~52%	16/Feb/2026
Radiated (Co-Location)	03CH24-HY	Jack Tang	18.2~19.1℃ / 55~61%	27/Feb/2026
Radiated (Below 1G)	03CH25-HY	Rian Chung	15.8~17.9℃ / 53~56%	10/Feb/2026~11/Feb/2026
Radiated (Above 1G)	03CH24-HY	Jack Tang	15.4~18.2℃ / 53~58%	04/Feb/2026~10/Feb/2026

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	3.24 dB	Confidence levels of 95%
Conducted Output Power	1.12 dB	Confidence levels of 95%
Bandwidth	0.07 MHz	Confidence levels of 95%
Conducted Emission	1.12 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	1.76 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.38 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	4.94 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	4.92 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	accessMtool_3_3_0_9
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Non-Beamforming_Radio 1_Full RU_1T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	80
2437MHz	80
2462MHz	80
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	80
2437MHz	80
2462MHz	80
802.11be EHT20_Nss1,(MCS0)_1TX	-
2412MHz	80
2437MHz	80
2457MHz	80
2462MHz	79

Non-Beamforming_Radio 1_Full RU_2T1S

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	79
2417MHz	80
2437MHz	80
2457MHz	77
2462MHz	78
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	74
2417MHz	76
2437MHz	77
2457MHz	74
2462MHz	73
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	73
2417MHz	74
2437MHz	76
2457MHz	74
2462MHz	70

**Non-Beamforming_Radio 1_Full RU_2T2S**

Mode	Power Setting
802.11be EHT20_Nss2,(MCS0)_2TX	-
2412MHz	72
2417MHz	75
2437MHz	76
2457MHz	74
2462MHz	71

Beamforming_Radio 1

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	73
2417MHz	74
2437MHz	76
2457MHz	74
2462MHz	70

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	Adapter mode
2	PoE mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
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	Adapter mode		
2	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (2T1S) (2T2S)		V (1T1S)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1 (2.4G) + Radio 2 (5G) + Bluetooth
2	Radio 1 (6G) + Radio 2 (5G) + Bluetooth
Refer to Sporton Test Report No.: FA611201-01 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Wall Mount Bracket	Brand Name	HON WIN	Model Name	3S.008TM.111
RJ45 Cable	Brand Name	NIEN-YI	Model Name	50.3RAAQ.001
	Signal Line	0.1 meter, non-shielded cable		
Screw Bag	Brand Name	KIM KUAO LENG	Model Name	33.R7PBE.006

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

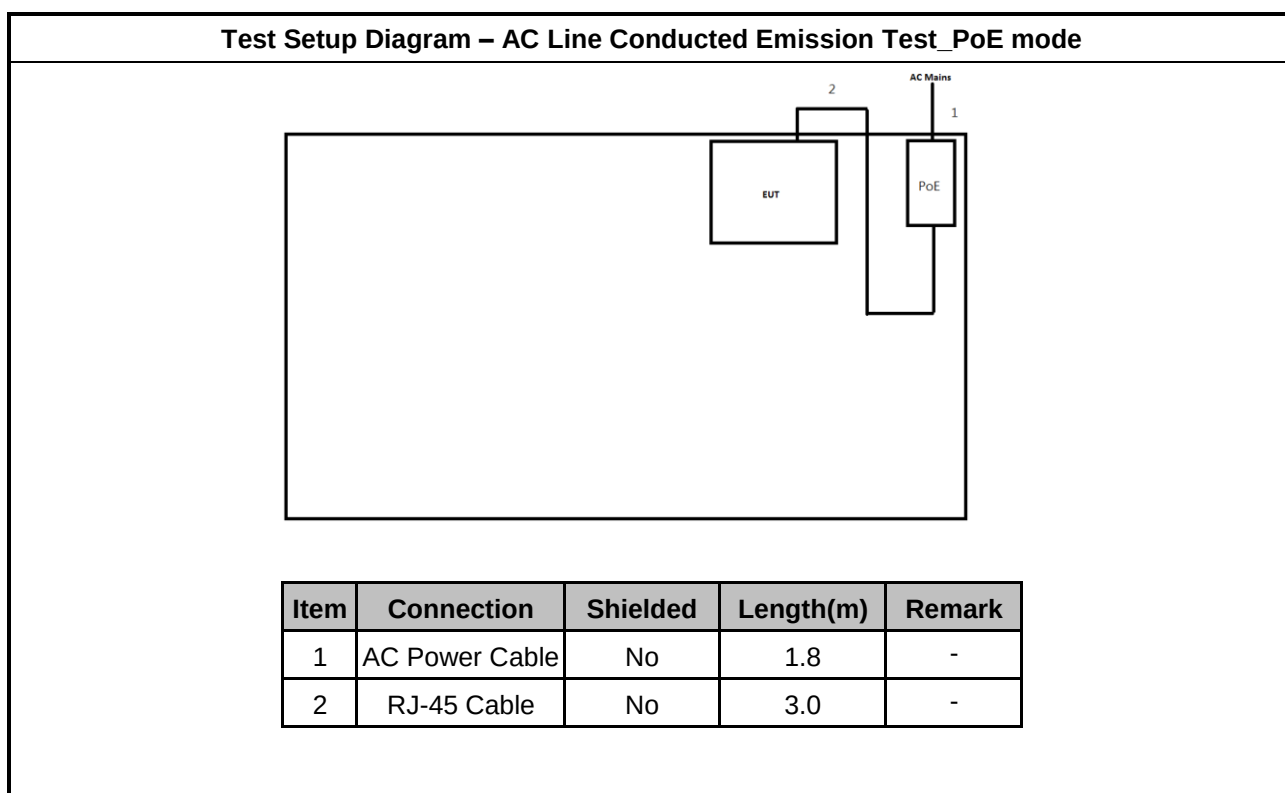
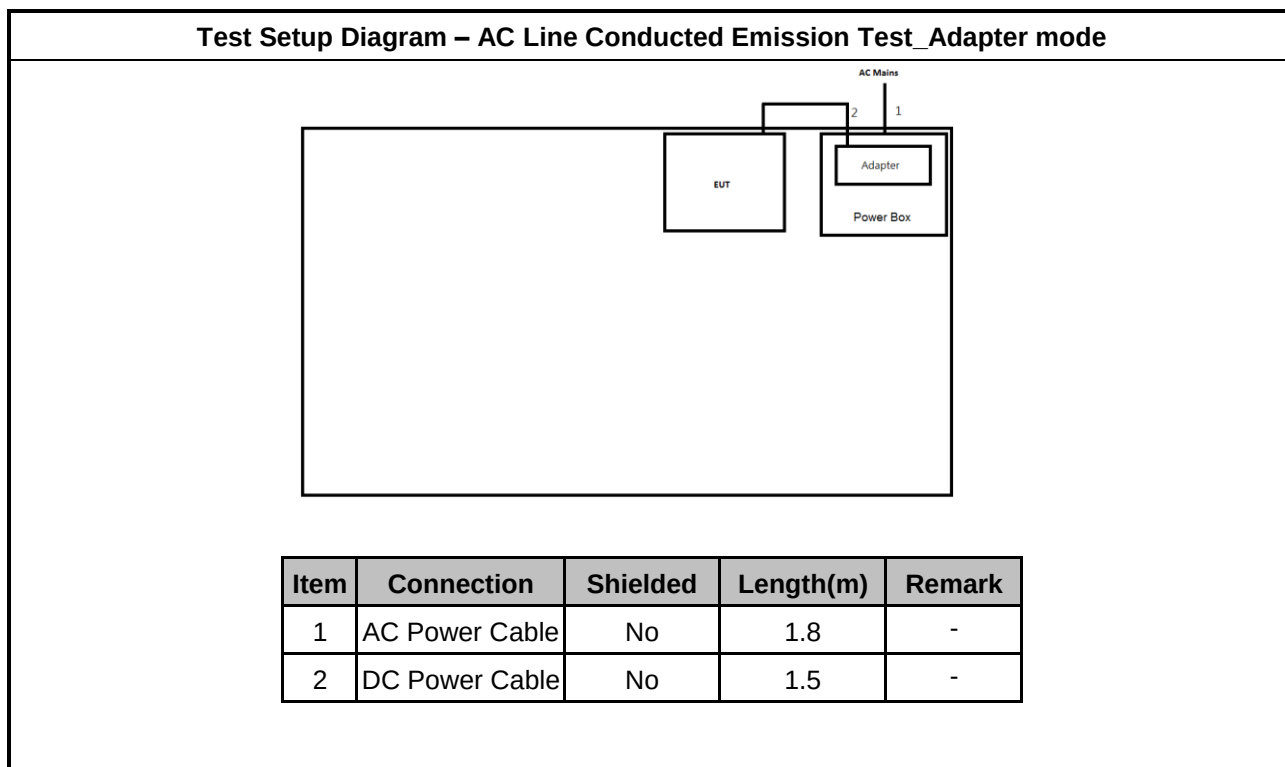
2.4 Support Equipment

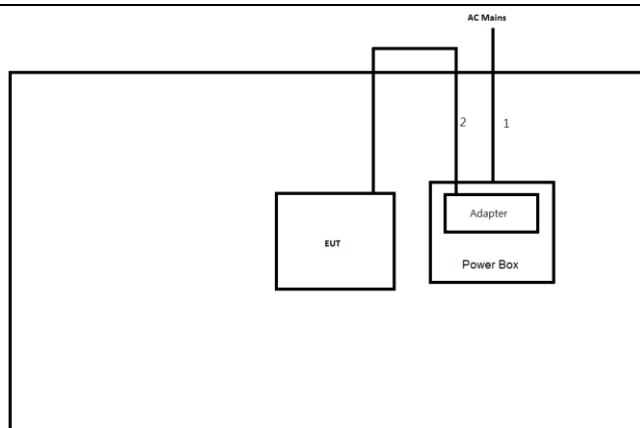
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	Powertron Electronics Corp.	PA1045-120HIB300	-	Provided by Customer
2	RJ-45 Cable	Power sync	CAT-6E-03	-	-
3	PoE	PHIHONG	POE60U-1BT-5	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Adapter	Powertron Electronics Corp.	PA1045-120HIB300	-	-

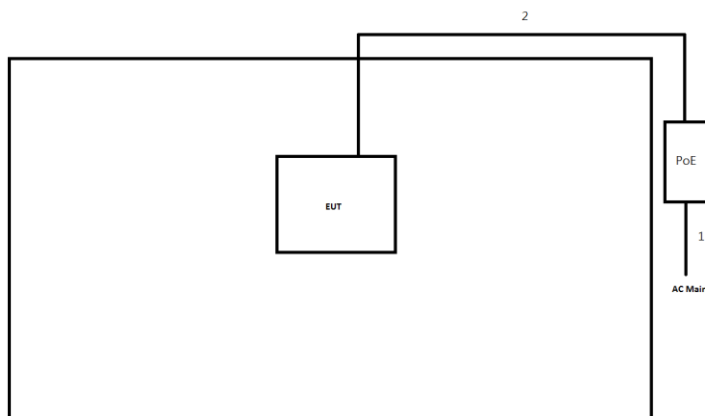
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	Powertron Electronics Corp.	PA1045-120HIB300	-	Provided by Customer
2	RJ-45 Cable	Power sync	CAT-6E-03	-	-
3	PoE	PHIHONG	POE60U-1BT-5	-	Remote

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test_Adapter mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-

Test Setup Diagram - Radiated Test_PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

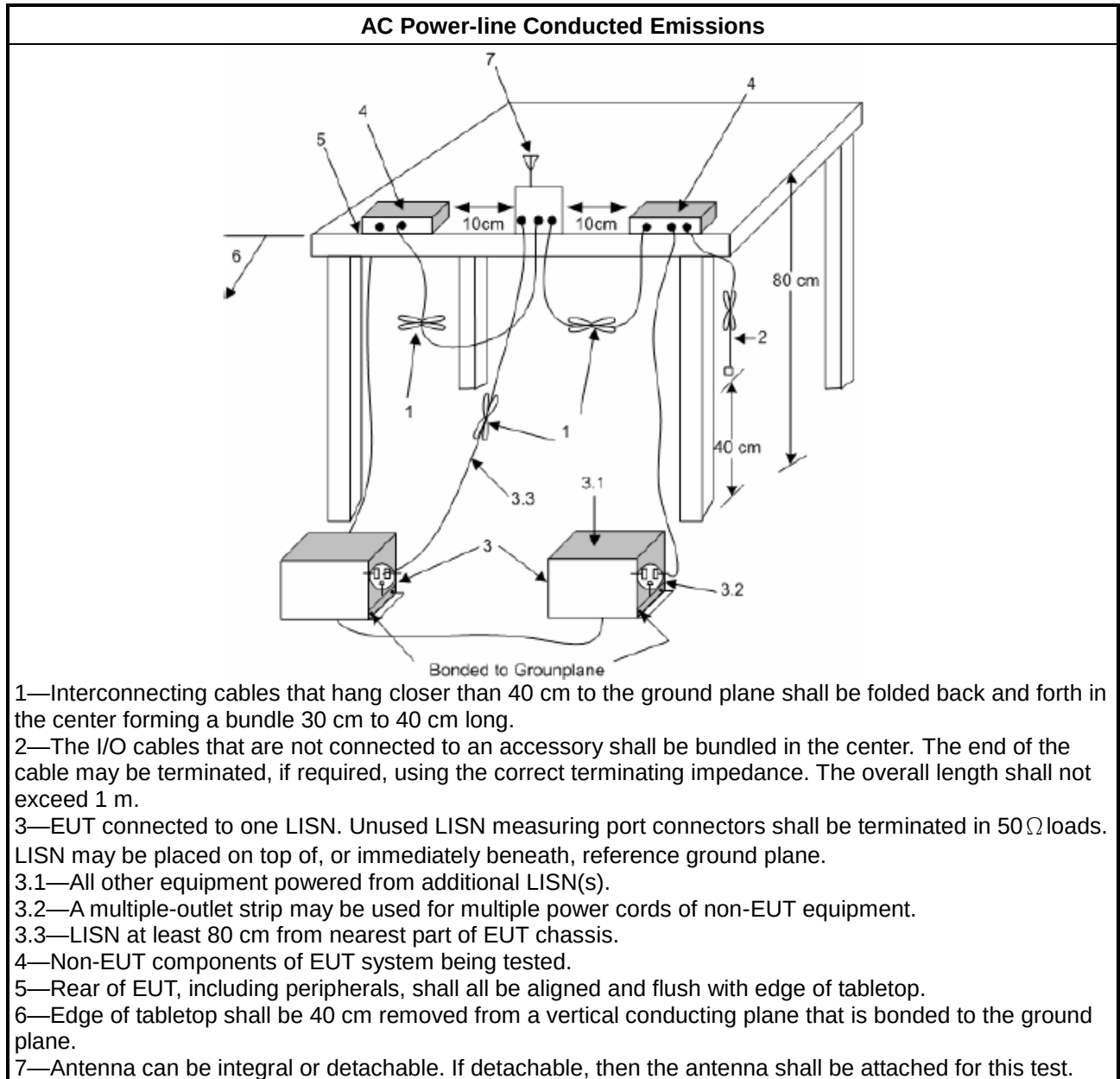
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

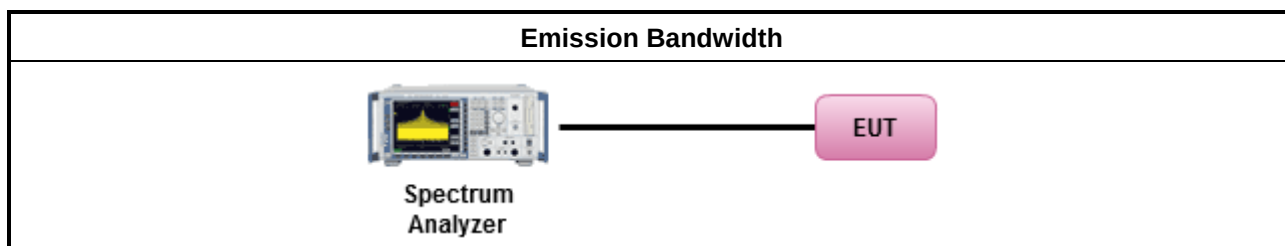
3.2.2 Measuring Instruments

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 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied 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	
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

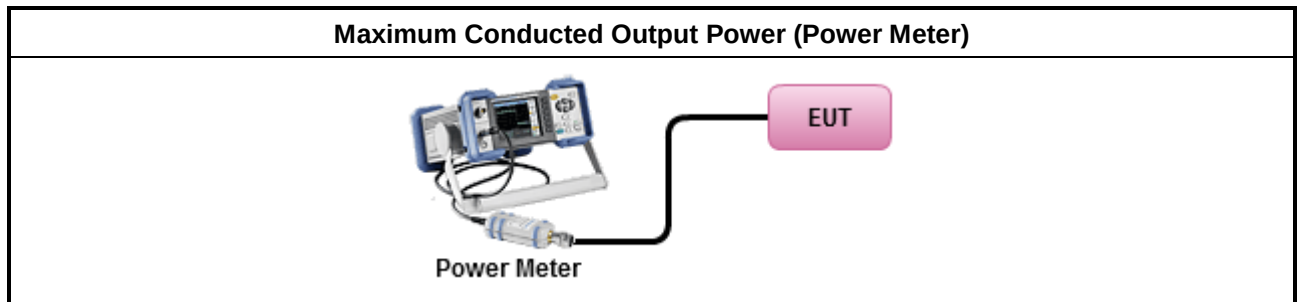
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a 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 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) ≤ 8 dBm/3kHz

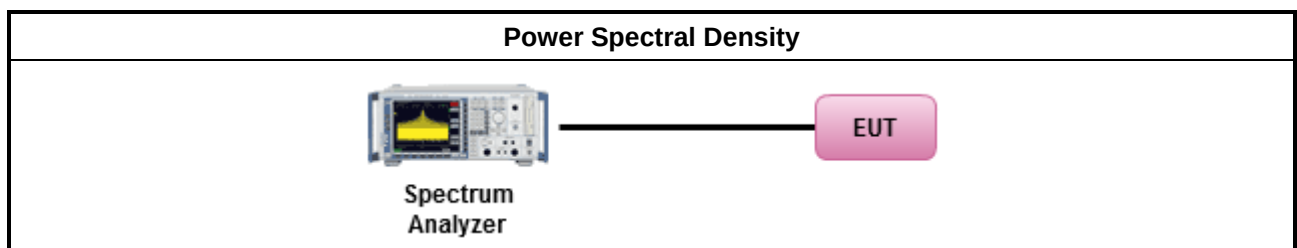
3.4.2 Measuring Instruments

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. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒	Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	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.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

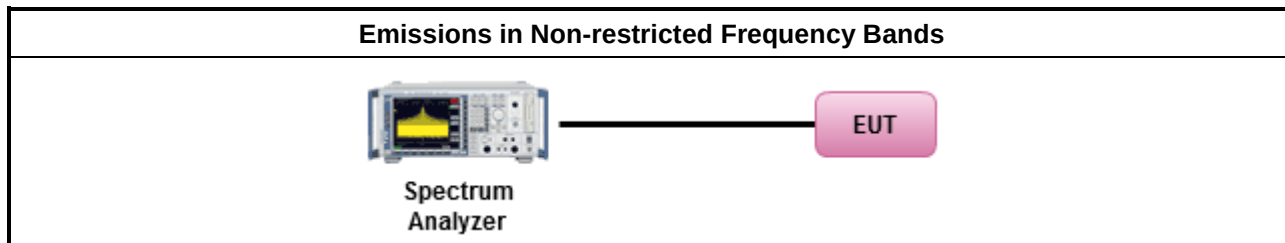
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions 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.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

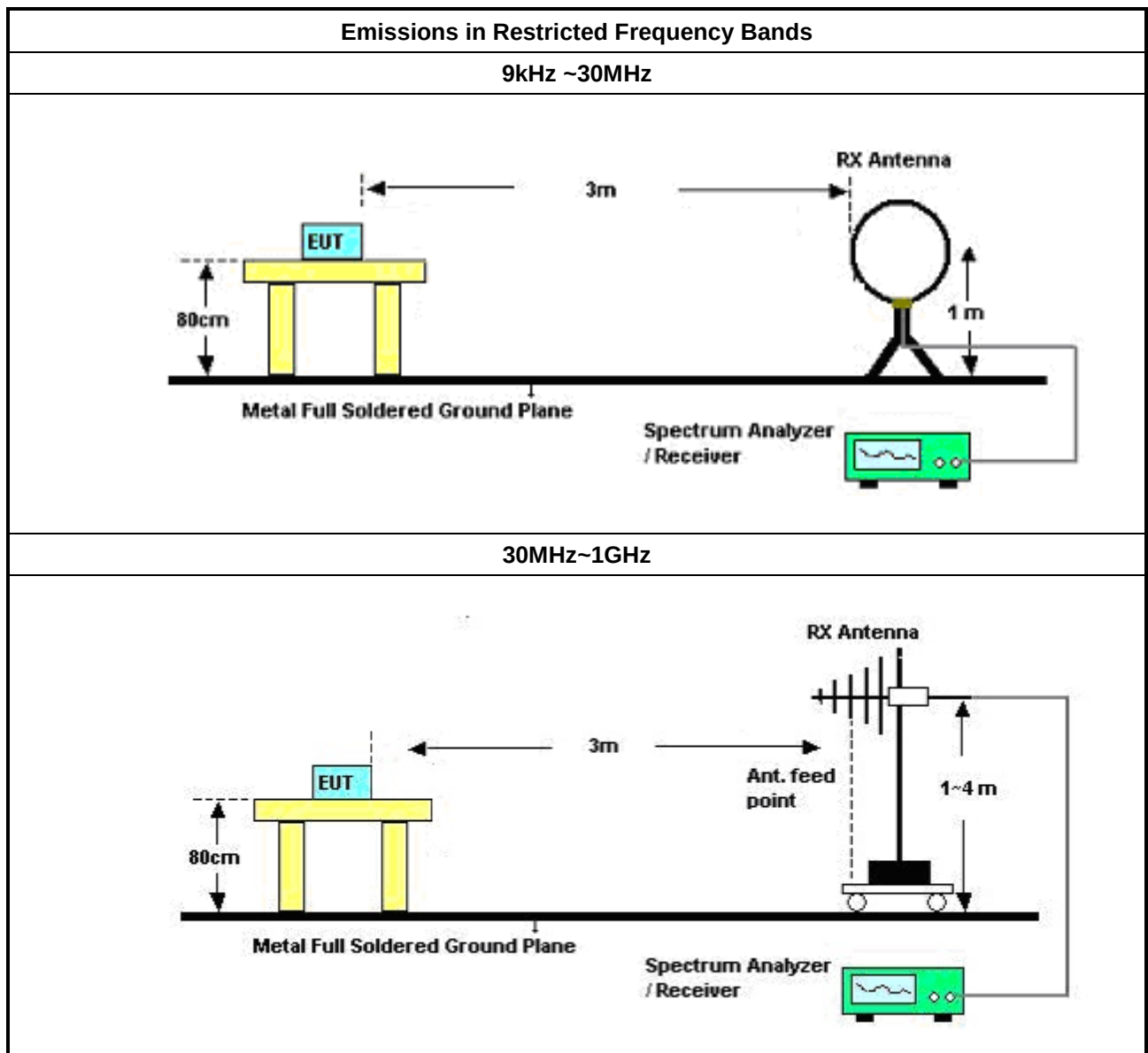
Test Method	
▪	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted emissions shall be measured using following options below:
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
▪	For the transmitter band-edge emissions shall be measured using following options below:
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
▪	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.

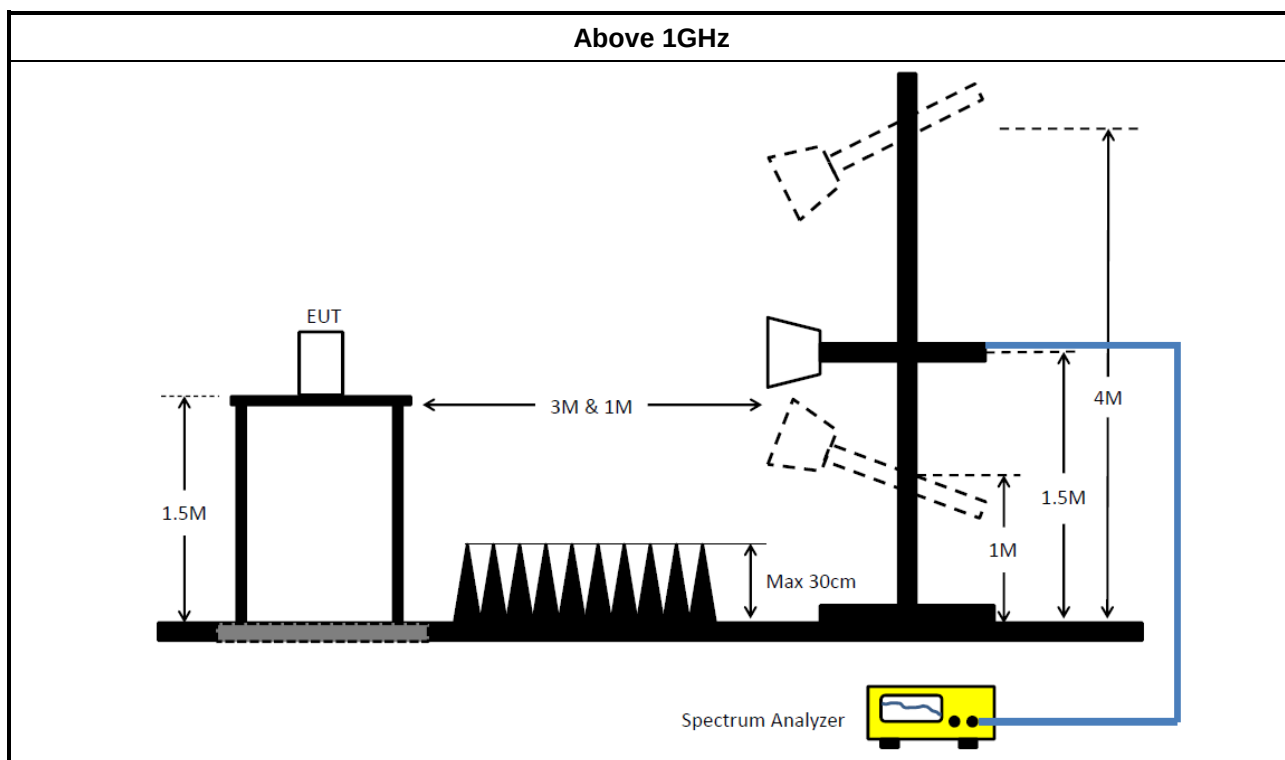
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

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	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15247_DTS	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test_Below 1GHz (03CH25-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	18/Jul/2025	17/Jul/2026
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	26/Aug/2025	25/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	19/Nov/2025	18/Nov/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	9kHz~1GHz	23/Apr/2025	22/Apr/2026
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
SENSE-15247-NII	Sporton	V5.11.28	NA	NA	NA	NA

**Instrument for Radiated Test_Above 1GHz (03CH24-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV40	101013	10Hz~44GHz	22/Apr/2025	21/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.27	NA	NA	NA	NA

Instrument for Radiated Test_Co-location

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV40	101013	10Hz~44GHz	22/Apr/2025	21/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-EMI	Sporton	V5.11.10	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

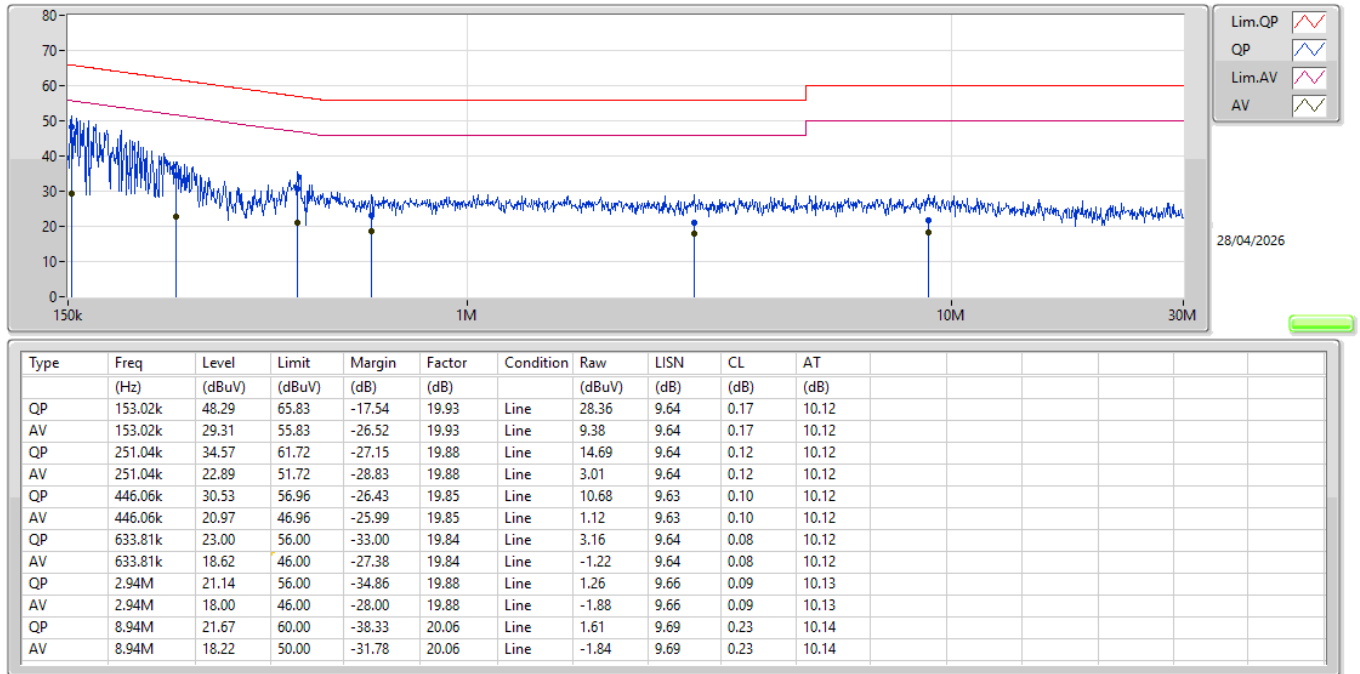
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	48.29	65.83	-17.54	Line
Mode 2	Pass	AV	23.31M	35.02	50.00	-14.98	Line

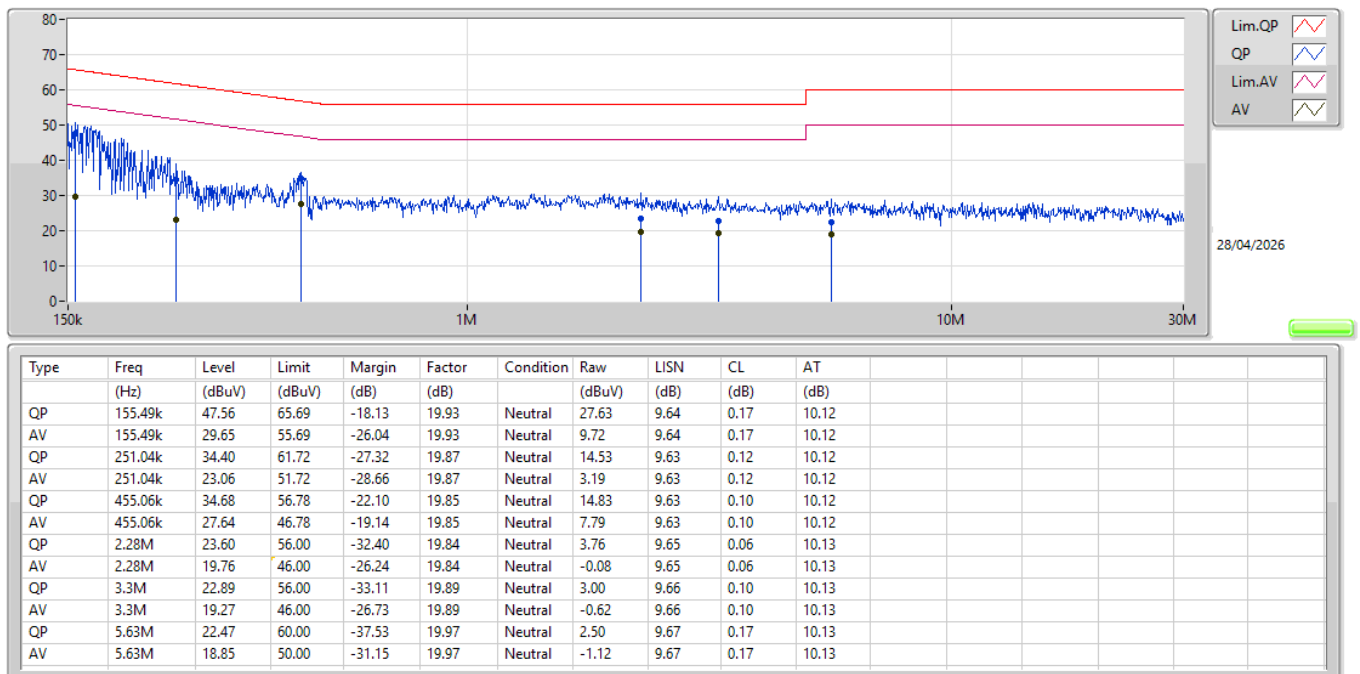
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	48.29	65.83	-17.54	Line
Mode 1	Pass	AV	153.02k	29.31	55.83	-26.52	Line
Mode 1	Pass	QP	251.04k	34.57	61.72	-27.15	Line
Mode 1	Pass	AV	251.04k	22.89	51.72	-28.83	Line
Mode 1	Pass	QP	446.06k	30.53	56.96	-26.43	Line
Mode 1	Pass	AV	446.06k	20.97	46.96	-25.99	Line
Mode 1	Pass	QP	633.81k	23.00	56.00	-33.00	Line
Mode 1	Pass	AV	633.81k	18.62	46.00	-27.38	Line
Mode 1	Pass	QP	2.94M	21.14	56.00	-34.86	Line
Mode 1	Pass	AV	2.94M	18.00	46.00	-28.00	Line
Mode 1	Pass	QP	8.94M	21.67	60.00	-38.33	Line
Mode 1	Pass	AV	8.94M	18.22	50.00	-31.78	Line
Mode 1	Pass	QP	155.49k	47.56	65.69	-18.13	Neutral
Mode 1	Pass	AV	155.49k	29.65	55.69	-26.04	Neutral
Mode 1	Pass	QP	251.04k	34.40	61.72	-27.32	Neutral
Mode 1	Pass	AV	251.04k	23.06	51.72	-28.66	Neutral
Mode 1	Pass	QP	455.06k	34.68	56.78	-22.10	Neutral
Mode 1	Pass	AV	455.06k	27.64	46.78	-19.14	Neutral
Mode 1	Pass	QP	2.28M	23.60	56.00	-32.40	Neutral
Mode 1	Pass	AV	2.28M	19.76	46.00	-26.24	Neutral
Mode 1	Pass	QP	3.3M	22.89	56.00	-33.11	Neutral
Mode 1	Pass	AV	3.3M	19.27	46.00	-26.73	Neutral
Mode 1	Pass	QP	5.63M	22.47	60.00	-37.53	Neutral
Mode 1	Pass	AV	5.63M	18.85	50.00	-31.15	Neutral
Mode 2	Pass	QP	150.6k	43.97	65.96	-21.99	Line
Mode 2	Pass	AV	150.6k	26.64	55.96	-29.32	Line
Mode 2	Pass	QP	261.26k	33.05	61.39	-28.34	Line
Mode 2	Pass	AV	261.26k	20.61	51.39	-30.78	Line
Mode 2	Pass	QP	358.13k	23.23	58.77	-35.54	Line
Mode 2	Pass	AV	358.13k	15.41	48.77	-33.36	Line
Mode 2	Pass	QP	621.29k	20.41	56.00	-35.59	Line
Mode 2	Pass	AV	621.29k	16.39	46.00	-29.61	Line
Mode 2	Pass	QP	3.47M	23.27	56.00	-32.73	Line
Mode 2	Pass	AV	3.47M	21.80	46.00	-24.20	Line
Mode 2	Pass	QP	23.31M	38.56	60.00	-21.44	Line
Mode 2	Pass	AV	23.31M	35.02	50.00	-14.98	Line
Mode 2	Pass	QP	151.2k	44.52	65.92	-21.40	Neutral
Mode 2	Pass	AV	151.2k	26.72	55.92	-29.20	Neutral
Mode 2	Pass	QP	258.15k	33.40	61.49	-28.09	Neutral
Mode 2	Pass	AV	258.15k	20.61	51.49	-30.88	Neutral
Mode 2	Pass	QP	589.87k	21.23	56.00	-34.77	Neutral
Mode 2	Pass	AV	589.87k	16.98	46.00	-29.02	Neutral
Mode 2	Pass	QP	2.48M	22.45	56.00	-33.55	Neutral
Mode 2	Pass	AV	2.48M	20.40	46.00	-25.60	Neutral
Mode 2	Pass	QP	4.46M	24.08	56.00	-31.92	Neutral
Mode 2	Pass	AV	4.46M	22.42	46.00	-23.58	Neutral
Mode 2	Pass	QP	22.58M	34.71	60.00	-25.29	Neutral
Mode 2	Pass	AV	22.58M	30.40	50.00	-19.60	Neutral

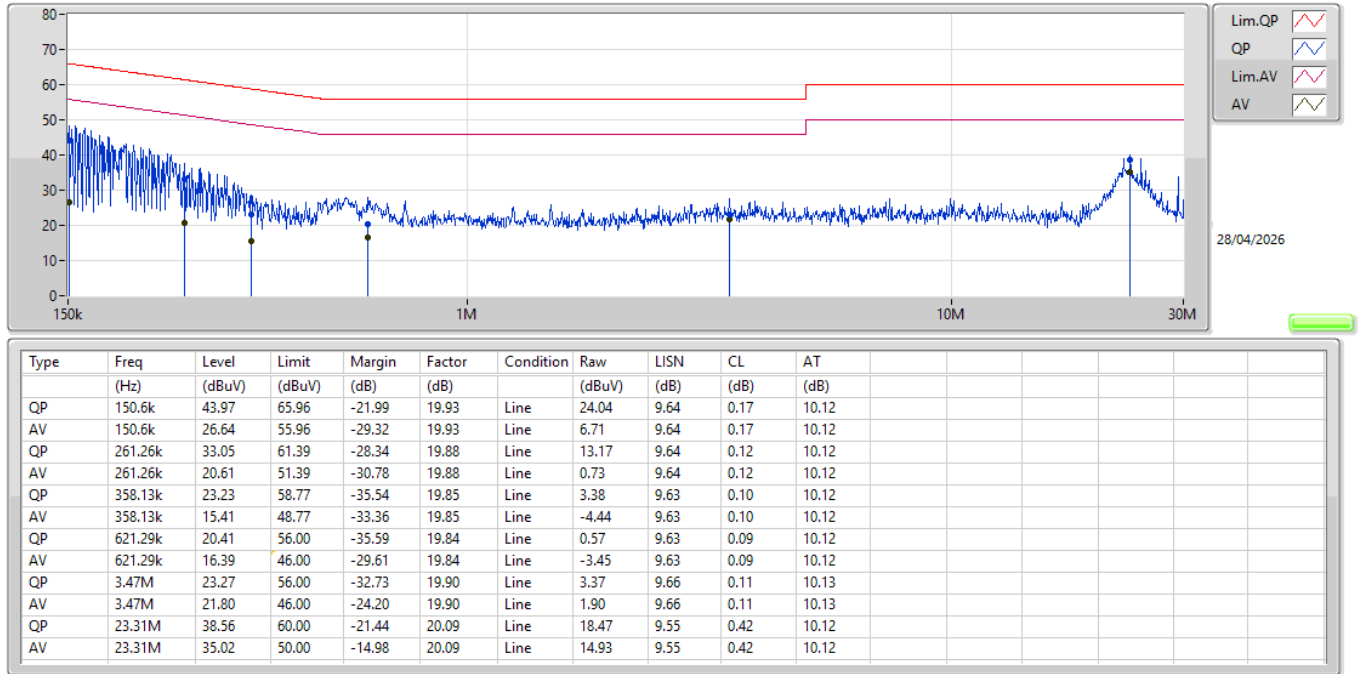
Conducted Emissions at Powerline_Mode 1



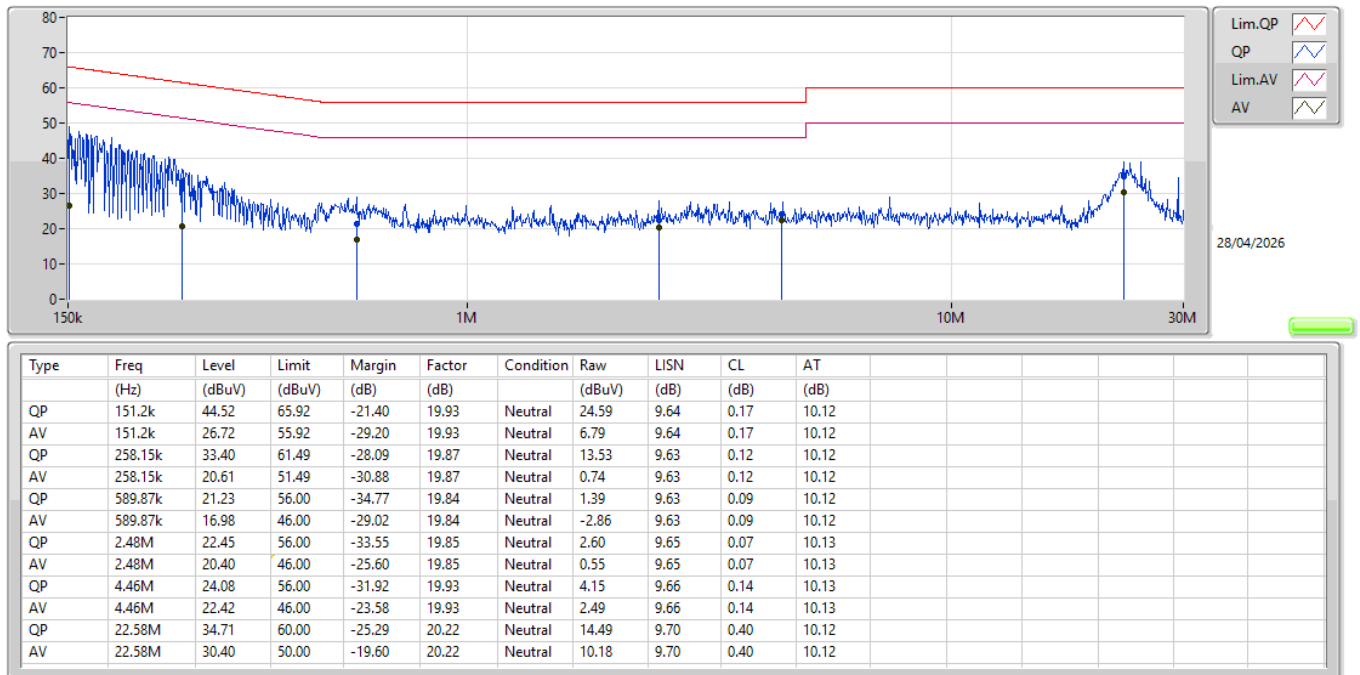
Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 2



Conducted Emissions at Powerline_Mode 2



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.37M	10.775M	10M8G1D	7.26M	10.72M
802.11g_Nss1,(6Mbps)_1TX	16.555M	17.756M	17M8D1D	16.39M	17.481M
802.11be EHT20_Nss1,(MCS0)_1TX	19.085M	19.35M	19M4D1D	18.81M	19.185M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.315M	10.775M
2437MHz	Pass	500k	7.26M	10.72M
2462MHz	Pass	500k	7.37M	10.72M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.39M	17.756M
2437MHz	Pass	500k	16.555M	17.481M
2462MHz	Pass	500k	16.445M	17.591M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.81M	19.24M
2437MHz	Pass	500k	18.975M	19.185M
2462MHz	Pass	500k	19.085M	19.35M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

16/02/2026

CF (Hz)
2.462G

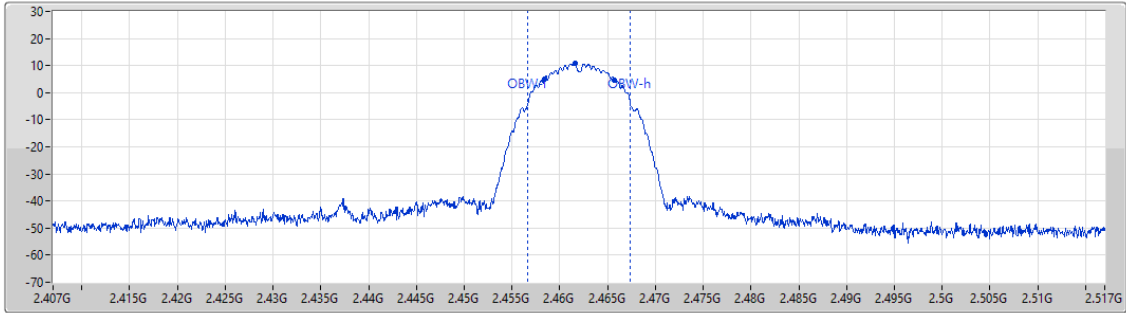
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.37M	2.45837G	2.46574G	10.72M	2.456668G	2.467387G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2437MHz

16/02/2026

CF (Hz)
2.437G

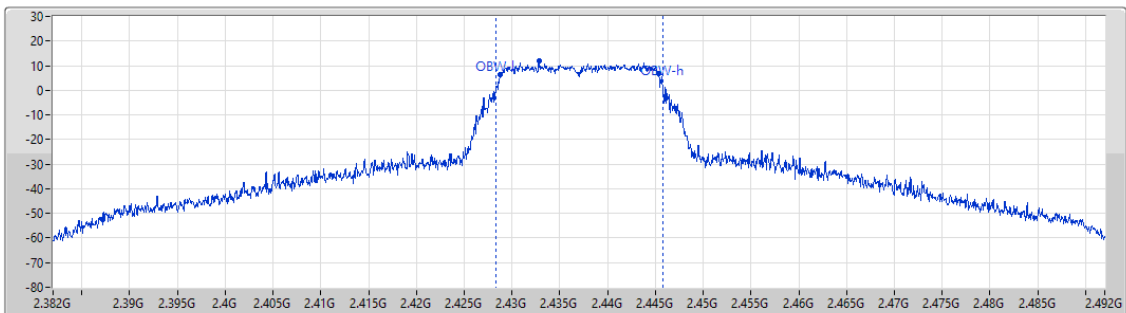
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.555M	2.42875G	2.445305G	17.481M	2.428314G	2.445796G	500k	1

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

2462MHz

16/02/2026

CF (Hz)
2.462G

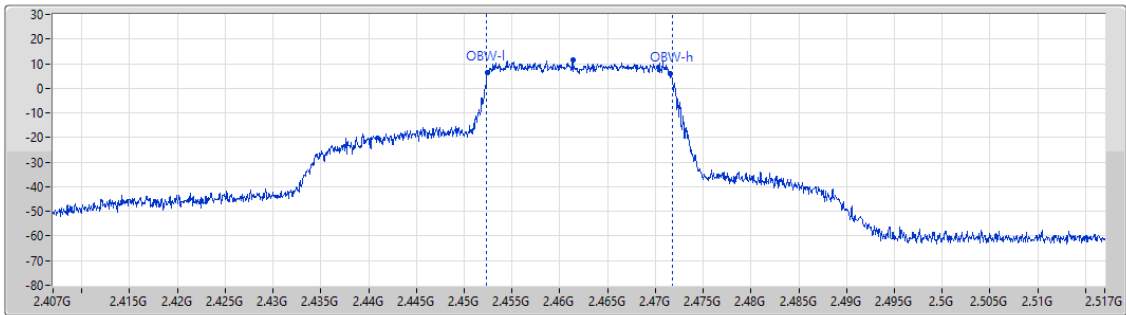
Span (Hz)
110M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
2.01m

Detector Type
Peak



Port 1

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.37M	12.039M	12M0G1D	7.26M	10.61M
802.11g_Nss1,(6Mbps)_2TX	16.83M	18.086M	18M1D1D	16.39M	17.591M
802.11be EHT20_Nss1,(MCS0)_2TX	19.085M	19.35M	19M4D1D	18.755M	19.185M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.315M	10.665M	7.315M	12.039M
2437MHz	Pass	500k	7.37M	10.61M	7.26M	11.929M
2462MHz	Pass	500k	7.315M	10.72M	7.315M	11.544M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.72M	17.701M	16.445M	17.646M
2437MHz	Pass	500k	16.555M	17.591M	16.39M	18.086M
2462MHz	Pass	500k	16.83M	17.646M	16.39M	17.701M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.92M	19.35M	18.865M	19.24M
2437MHz	Pass	500k	18.755M	19.185M	19.085M	19.35M
2462MHz	Pass	500k	18.975M	19.24M	18.865M	19.24M

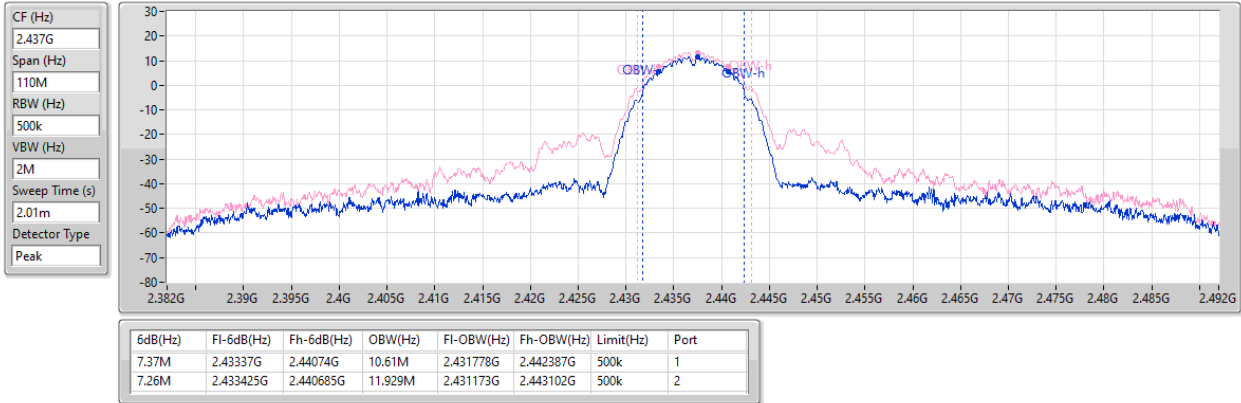
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

16/02/2026

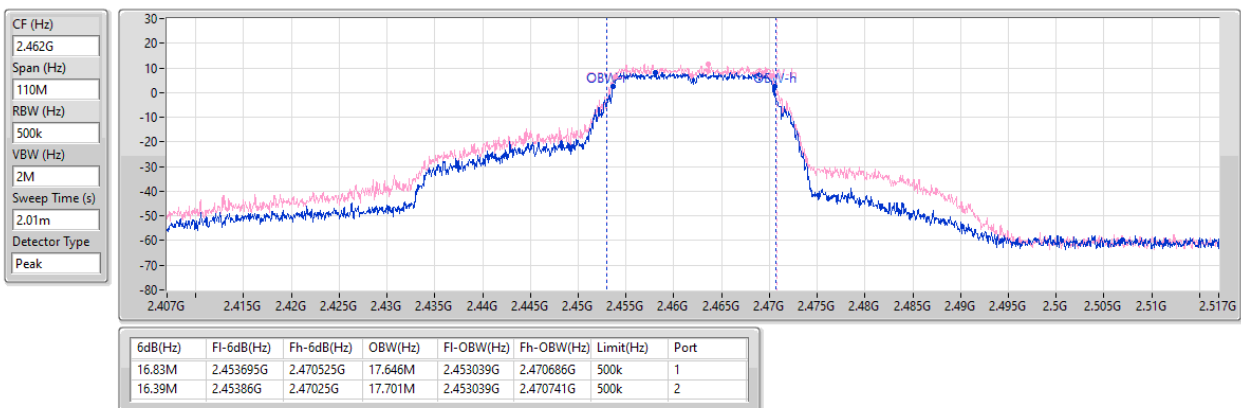


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

16/02/2026



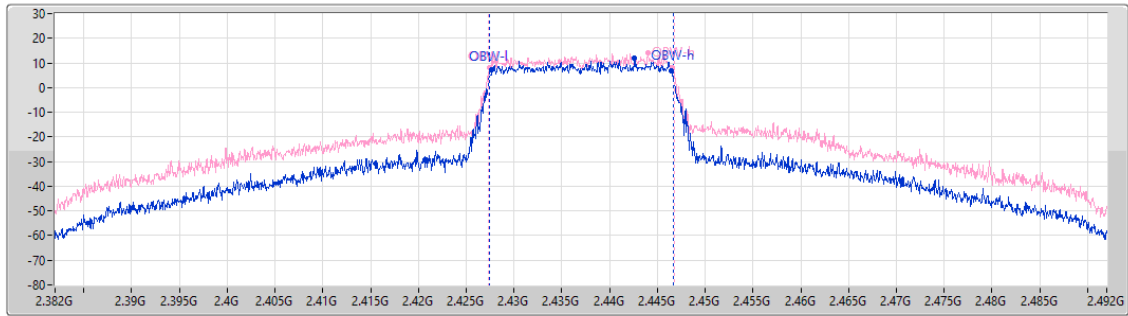
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

16/02/2026

CF (Hz)
2.437G
Span (Hz)
110M
RBW (Hz)
500k
VBW (Hz)
2M
Sweep Time (s)
2.01m
Detector Type
Peak



Port 1
Port 2

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.755M	2.427705G	2.44646G	19.185M	2.427435G	2.44662G	500k	1
19.085M	2.42743G	2.446515G	19.35M	2.42738G	2.44673G	500k	2

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	19.085M	19.46M	19M5D1D	18.92M	19.295M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.085M	19.295M	18.975M	19.405M
2437MHz	Pass	500k	18.92M	19.295M	19.085M	19.405M
2462MHz	Pass	500k	18.975M	19.405M	18.92M	19.46M

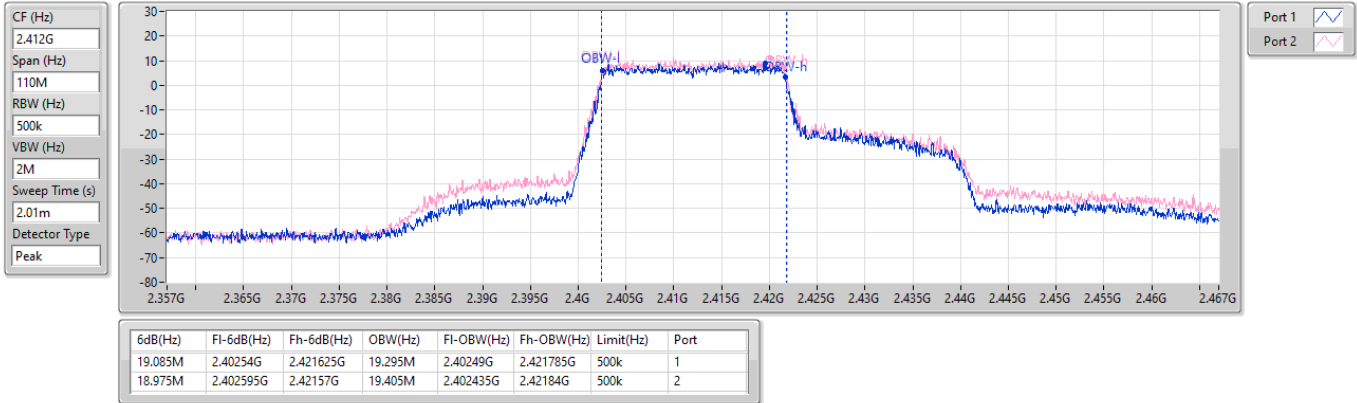
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

EBW

2412MHz

16/02/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.70	0.05888
802.11g_Nss1,(6Mbps)_1TX	17.80	0.06026
802.11be EHT20_Nss1,(MCS0)_1TX	17.77	0.05984

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.69	17.40	17.40	30.00
2437MHz	Pass	5.69	17.70	17.70	30.00
2462MHz	Pass	5.69	17.56	17.56	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.69	16.99	16.99	30.00
2437MHz	Pass	5.69	17.80	17.80	30.00
2462MHz	Pass	5.69	17.60	17.60	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.69	17.03	17.03	30.00
2437MHz	Pass	5.69	17.60	17.60	30.00
2457MHz	Pass	5.69	17.77	17.77	30.00
2462MHz	Pass	5.69	17.22	17.22	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)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.25	0.16788
802.11g_Nss1,(6Mbps)_2TX	21.43	0.13900
802.11be EHT20_Nss1,(MCS0)_2TX	21.13	0.12972

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	17.24	20.05	21.88	30.00
2417MHz	Pass	5.69	17.36	19.79	21.75	30.00
2437MHz	Pass	5.69	18.28	20.03	22.25	30.00
2457MHz	Pass	5.69	16.55	20.07	21.67	30.00
2462MHz	Pass	5.69	16.93	19.91	21.68	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	15.68	17.79	19.87	30.00
2417MHz	Pass	5.69	16.28	18.18	20.34	30.00
2437MHz	Pass	5.69	17.11	19.42	21.43	30.00
2457MHz	Pass	5.69	16.03	18.39	20.38	30.00
2462MHz	Pass	5.69	15.72	17.58	19.76	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	15.30	17.08	19.29	30.00
2417MHz	Pass	5.69	15.67	17.51	19.70	30.00
2437MHz	Pass	5.69	16.79	19.14	21.13	30.00
2457MHz	Pass	5.69	15.97	18.54	20.45	30.00
2462MHz	Pass	5.69	14.91	16.39	18.72	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)
2.4-2.4835GHz	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	20.94	0.12417

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	15.13	16.65	18.97	30.00
2417MHz	Pass	5.69	15.86	17.80	19.95	30.00
2437MHz	Pass	5.69	16.48	19.01	20.94	30.00
2457MHz	Pass	5.69	15.96	18.49	20.42	30.00
2462MHz	Pass	5.69	15.19	16.69	19.01	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)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.13	0.12972



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	15.3	17.08	19.29	30.00
2417MHz	Pass	5.69	15.67	17.51	19.70	30.00
2437MHz	Pass	5.69	16.79	19.14	21.13	30.00
2457MHz	Pass	5.69	15.97	18.54	20.45	30.00
2462MHz	Pass	5.69	14.91	16.39	18.72	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.93
802.11g_Nss1,(6Mbps)_1TX	-7.35
802.11be EHT20_Nss1,(MCS0)_1TX	-9.04

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.69	-1.93	-1.93	8.00
2437MHz	Pass	5.69	-3.61	-3.61	8.00
2462MHz	Pass	5.69	-4.73	-4.73	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	5.69	-7.35	-7.35	8.00
2437MHz	Pass	5.69	-7.93	-7.93	8.00
2462MHz	Pass	5.69	-8.39	-8.39	8.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	5.69	-9.04	-9.04	8.00
2437MHz	Pass	5.69	-9.32	-9.32	8.00
2462MHz	Pass	5.69	-9.06	-9.06	8.00

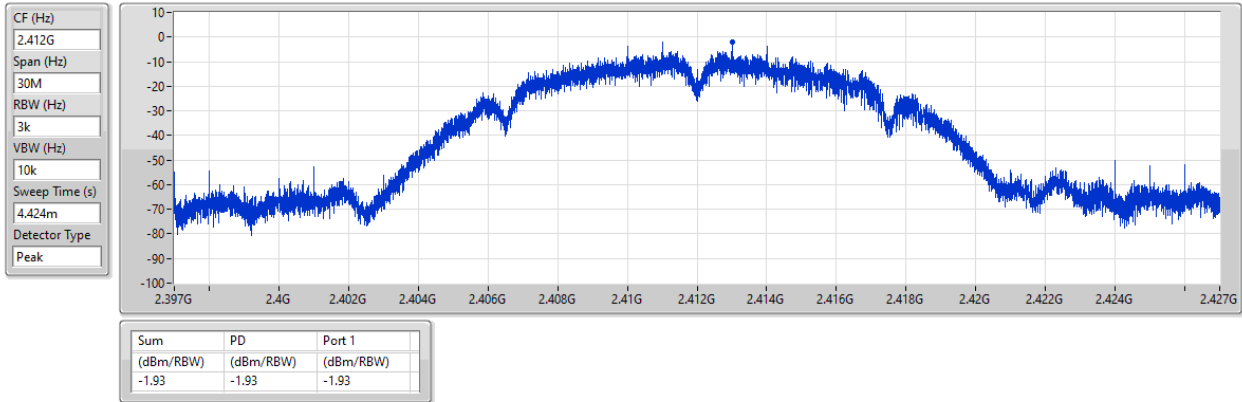
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

16/02/2026

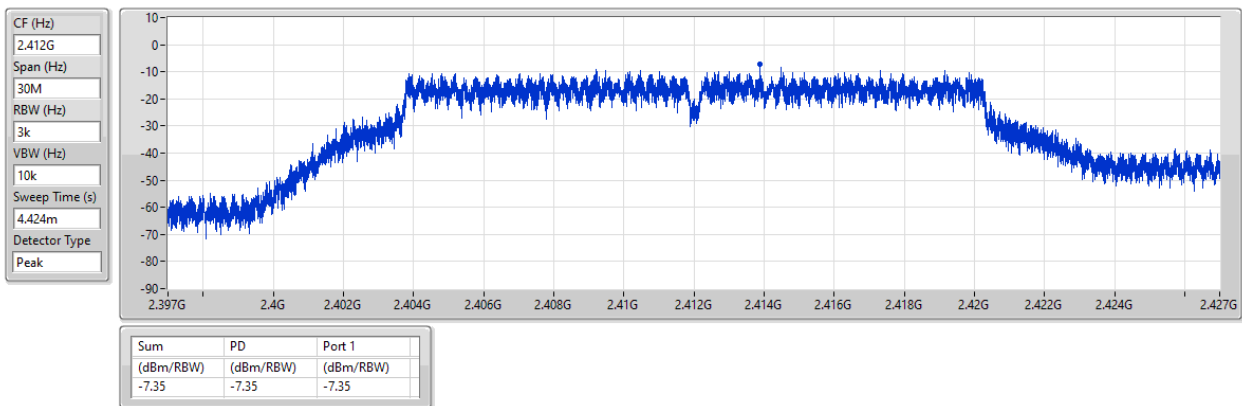


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

16/02/2026



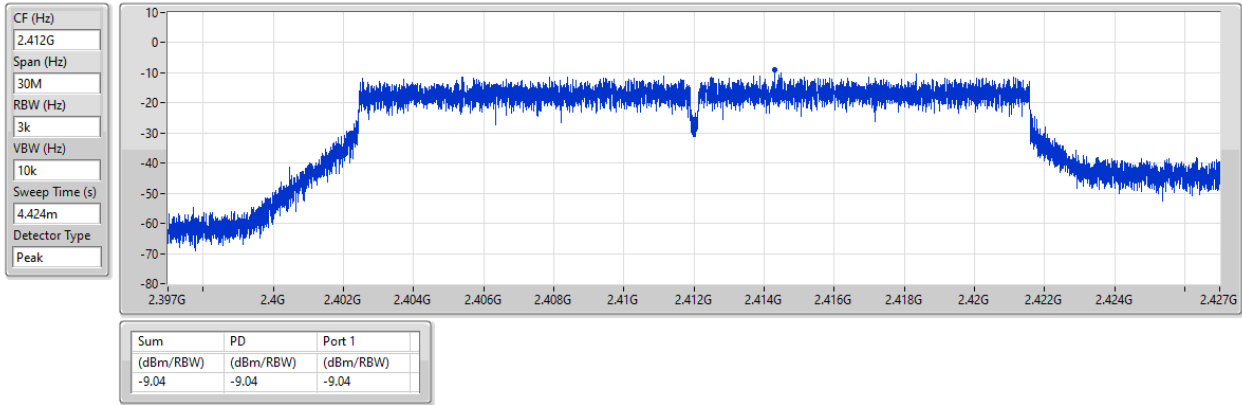


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

2412MHz

16/02/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.76
802.11g_Nss1,(6Mbps)_2TX	-5.32
802.11be EHT20_Nss1,(MCS0)_2TX	-6.96

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	-5.62	0.61	0.76	8.00
2437MHz	Pass	5.69	-4.59	-2.40	-1.49	8.00
2462MHz	Pass	5.69	-6.31	-0.76	-0.51	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	-10.39	-7.83	-6.80	8.00
2437MHz	Pass	5.69	-9.36	-6.37	-5.32	8.00
2462MHz	Pass	5.69	-10.84	-7.71	-7.03	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	-9.99	-9.64	-8.87	8.00
2437MHz	Pass	5.69	-10.42	-7.04	-6.96	8.00
2462MHz	Pass	5.69	-11.60	-10.69	-9.80	8.00

DG = Directional Gain; RBW = 3kHz;
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.

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

16/02/2026

CF (Hz)
2.412G

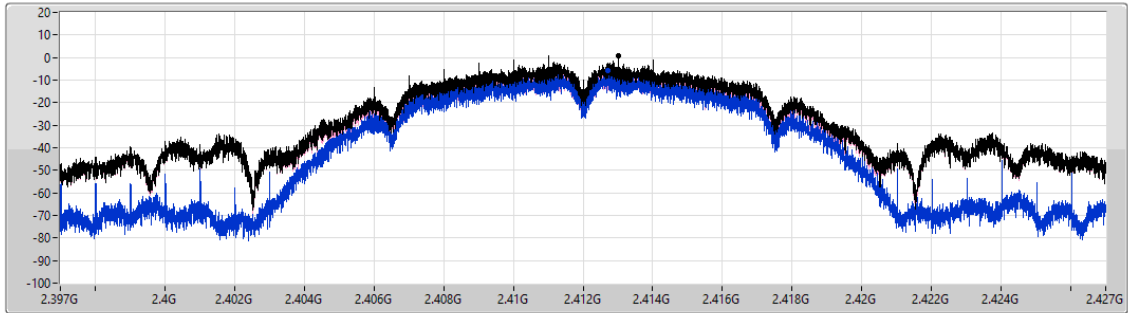
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-5.62	0.61

Sum ☒

Port 1 ☐

Port 2 ☐

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

16/02/2026

CF (Hz)
2.437G

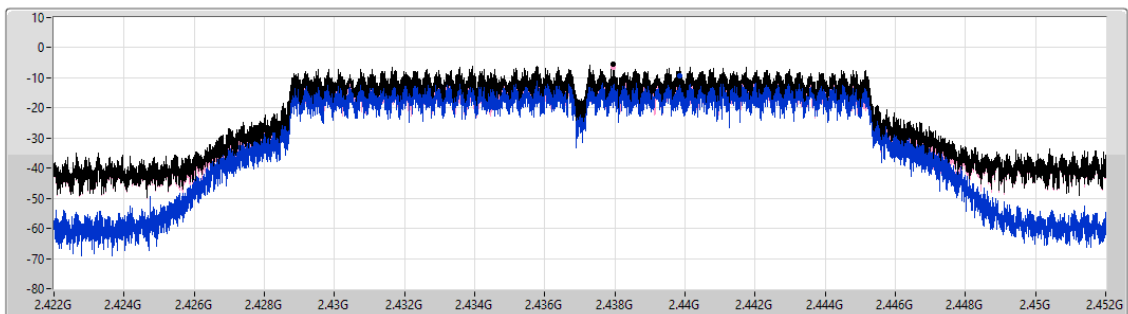
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.32	-5.32	-9.36	-6.37

Sum ☒

Port 1 ☐

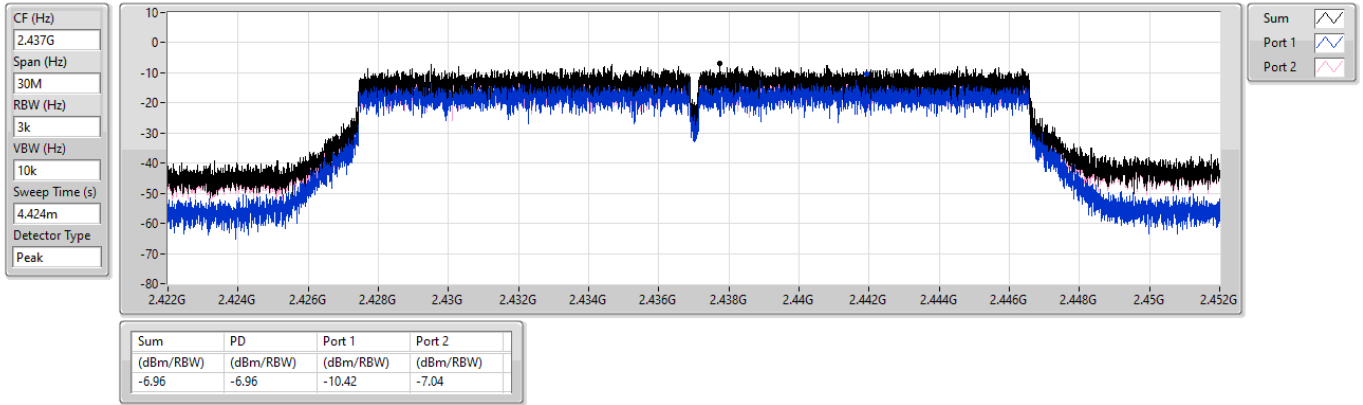
Port 2 ☐

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

16/02/2026





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20_Nss2,(MCS0)_2TX	-7.19

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.69	-11.25	-10.80	-9.03	8.00
2437MHz	Pass	5.69	-11.18	-7.76	-7.19	8.00
2462MHz	Pass	5.69	-11.16	-10.45	-8.64	8.00

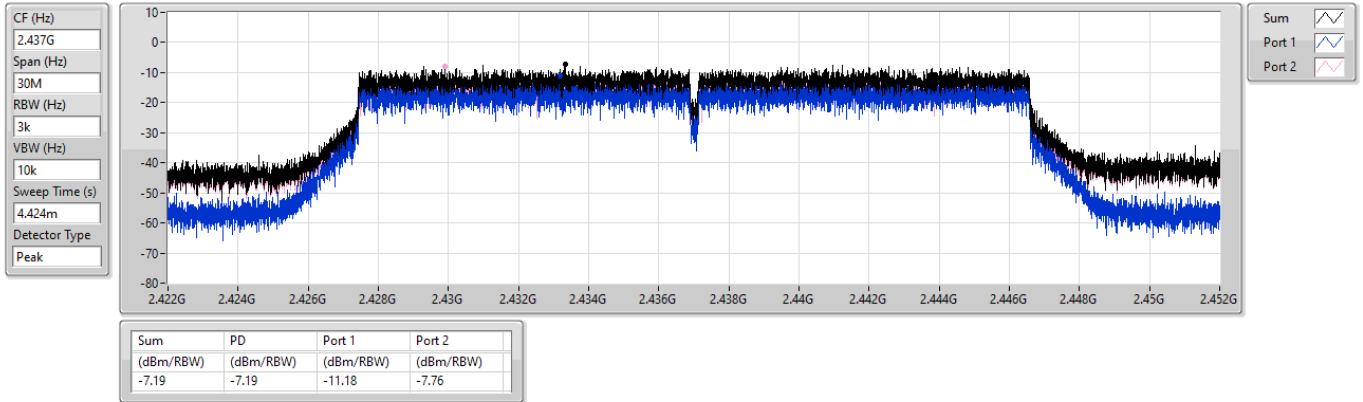
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

PSD

2437MHz

16/02/2026





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43758G	10.89	-19.11	2.12001G	-46.44	2.4G	-41.44	2.4G	-41.43	2.51142G	-43.50	17.16694G	-32.47	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44459G	7.33	-22.67	2.14564G	-46.26	2.39992G	-33.19	2.4G	-30.33	2.51694G	-43.69	23.32831G	-31.83	1
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	2.44208G	7.15	-22.85	2.14098G	-45.20	2.4G	-34.27	2.4G	-31.44	2.5143G	-43.51	16.41679G	-32.58	1

**Result**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43758G	10.89	-19.11	2.12001G	-46.44	2.4G	-41.44	2.4G	-41.43	2.51142G	-43.50	17.16694G	-32.47	1
2437MHz	Pass	2.43758G	10.89	-19.11	2.10254G	-45.34	2.39072G	-44.51	2.4G	-44.95	2.50342G	-44.33	15.20025G	-32.86	1
2462MHz	Pass	2.43758G	10.89	-19.11	2.09671G	-46.02	2.39808G	-44.35	2.4G	-47.52	2.51974G	-44.55	23.33674G	-32.55	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44459G	7.33	-22.67	2.14564G	-46.26	2.39992G	-33.19	2.4G	-30.33	2.51694G	-43.69	23.32831G	-31.83	1
2437MHz	Pass	2.44459G	7.33	-22.67	2.30758G	-46.15	2.39984G	-42.53	2.4G	-43.90	2.52054G	-44.11	17.61085G	-32.09	1
2462MHz	Pass	2.44459G	7.33	-22.67	2.16195G	-46.46	2.39688G	-44.51	2.4G	-46.34	2.50118G	-42.13	16.22855G	-32.77	1
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	7.15	-22.85	2.14098G	-45.20	2.4G	-34.27	2.4G	-31.44	2.5143G	-43.51	16.41679G	-32.58	1
2437MHz	Pass	2.44208G	7.15	-22.85	2.19457G	-45.41	2.3992G	-41.87	2.4G	-40.79	2.50326G	-43.40	17.20908G	-32.40	1
2462MHz	Pass	2.44208G	7.15	-22.85	938.7M	-46.53	2.39536G	-43.63	2.4G	-47.25	2.52318G	-43.64	16.87755G	-31.62	1

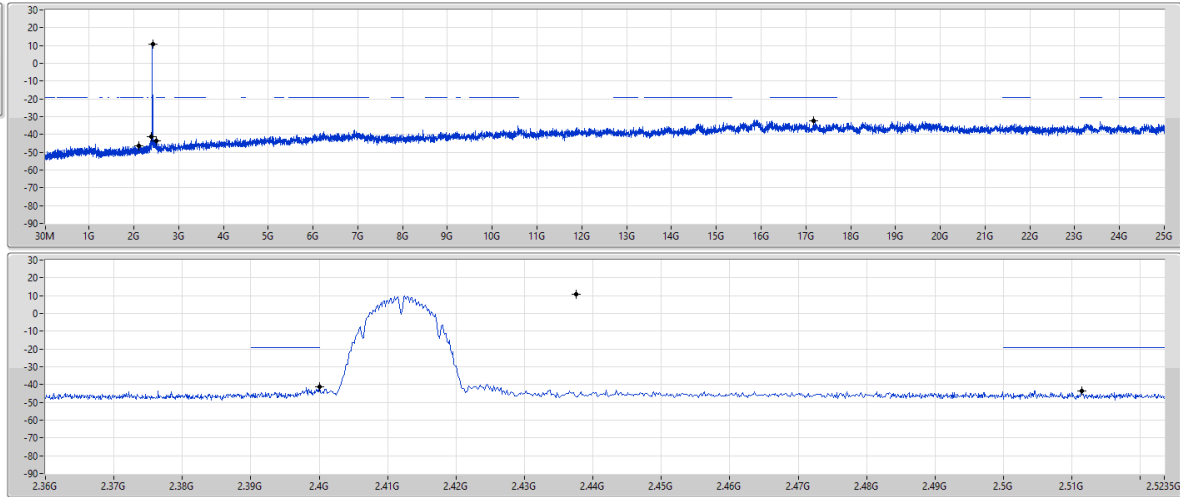
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

16/02/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43758G	10.89	-19.11	2.12001G	-46.44	2.4G	-41.44	2.4G	-41.43	2.51142G	-43.50	17.16694G	-32.47	1

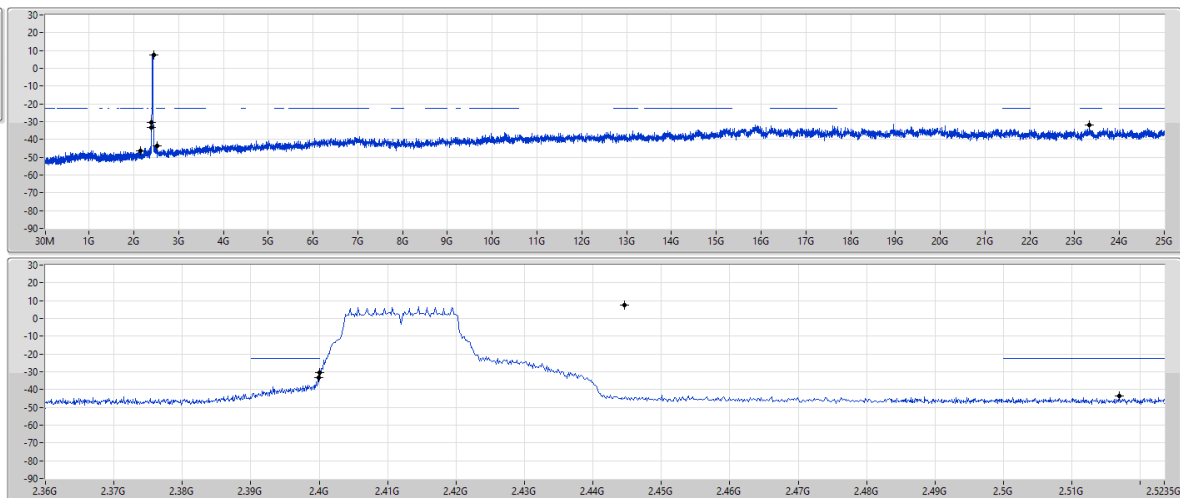
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

16/02/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44459G	7.33	-22.67	2.14564G	-46.26	2.39992G	-33.19	2.4G	-30.33	2.51694G	-43.69	23.32831G	-31.83	1



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

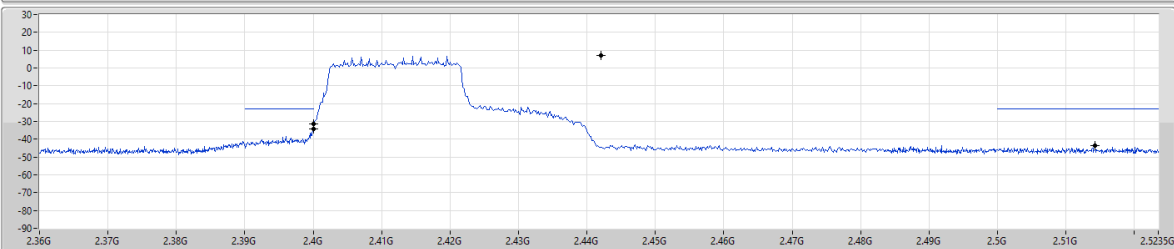
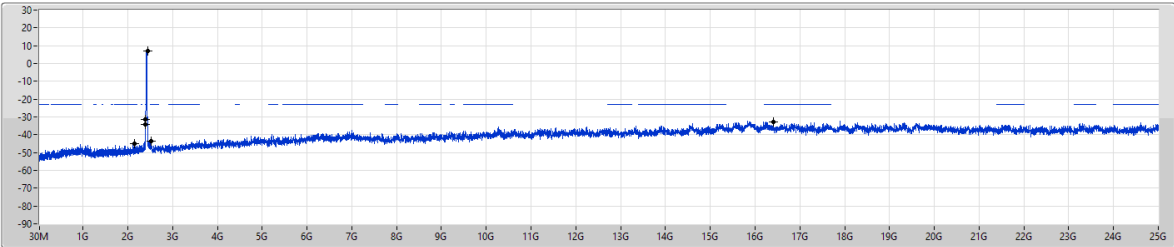
CSEndB

2412MHz

16/02/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	7.15	-22.85	2.14098G	-45.20	2.4G	-34.27	2.4G	-31.44	2.5143G	-43.51	16.41679G	-32.58	1



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43758G	12.71	-17.29	2.12817G	-45.86	2.4G	-23.63	2.4G	-22.48	2.51078G	-44.03	17.61085G	-32.02	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44208G	9.76	-20.24	927.05M	-45.77	2.39984G	-29.57	2.4G	-27.21	2.51758G	-43.78	16.53479G	-32.05	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.44208G	9.40	-20.60	2.1072G	-46.04	2.4G	-33.14	2.4G	-32.00	2.51246G	-44.44	17.6839G	-32.59	2

Result

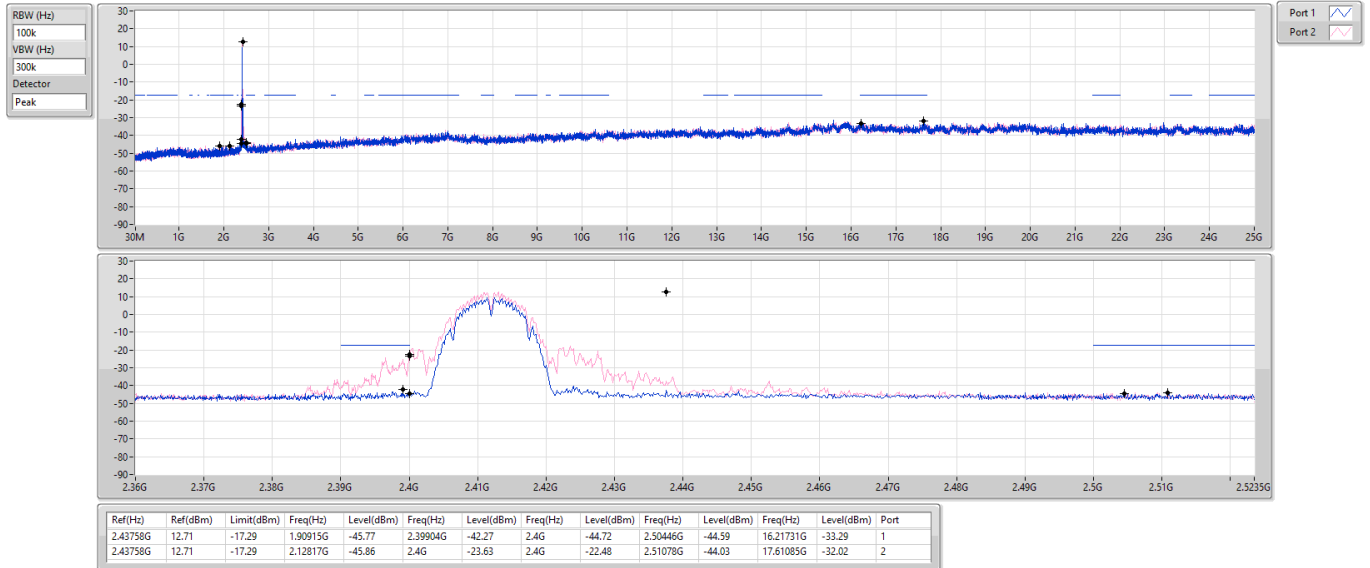
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43758G	12.71	-17.29	1.90915G	-45.77	2.39904G	-42.27	2.4G	-44.72	2.50446G	-44.59	16.21731G	-33.29	1
2412MHz	Pass	2.43758G	12.71	-17.29	2.12817G	-45.86	2.4G	-23.63	2.4G	-22.48	2.51078G	-44.03	17.61085G	-32.02	2
2437MHz	Pass	2.43758G	12.71	-17.29	669.59M	-46.20	2.39816G	-43.63	2.4G	-45.80	2.51262G	-44.15	17.67266G	-32.37	1
2437MHz	Pass	2.43758G	12.71	-17.29	949.19M	-45.76	2.3992G	-43.39	2.4G	-43.22	2.5151G	-43.72	16.20045G	-32.87	2
2462MHz	Pass	2.43758G	12.71	-17.29	675.41M	-46.25	2.39048G	-43.37	2.4G	-46.16	2.5127G	-44.52	23.28898G	-31.57	1
2462MHz	Pass	2.43758G	12.71	-17.29	2.30874G	-45.50	2.39584G	-44.58	2.4G	-45.92	2.51318G	-43.35	15.24239G	-32.62	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	9.76	-20.24	2.30175G	-44.93	2.4G	-38.56	2.4G	-35.93	2.50518G	-44.02	23.30302G	-32.22	1
2412MHz	Pass	2.44208G	9.76	-20.24	927.05M	-45.77	2.39984G	-29.57	2.4G	-27.21	2.51758G	-43.78	16.53479G	-32.05	2
2437MHz	Pass	2.44208G	9.76	-20.24	2.15613G	-45.64	2.39648G	-44.17	2.4G	-45.52	2.50286G	-44.04	16.25383G	-30.86	1
2437MHz	Pass	2.44208G	9.76	-20.24	2.15147G	-45.97	2.39968G	-35.22	2.4G	-35.23	2.51646G	-44.77	16.2735G	-32.99	2
2462MHz	Pass	2.44208G	9.76	-20.24	899.09M	-46.12	2.39872G	-44.25	2.4G	-46.73	2.51302G	-44.25	16.20607G	-32.75	1
2462MHz	Pass	2.44208G	9.76	-20.24	2.11419G	-45.48	2.39232G	-44.46	2.4G	-47.04	2.50798G	-43.46	16.59941G	-32.21	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	9.40	-20.60	2.01749G	-46.53	2.4G	-38.26	2.4G	-35.65	2.5091G	-44.08	23.24964G	-31.63	1
2412MHz	Pass	2.44208G	9.40	-20.60	2.1072G	-46.04	2.4G	-33.14	2.4G	-32.00	2.51246G	-44.44	17.6839G	-32.59	2
2437MHz	Pass	2.44208G	9.40	-20.60	2.18525G	-46.00	2.39896G	-43.19	2.4G	-45.25	2.50894G	-43.62	23.22998G	-31.91	1
2437MHz	Pass	2.44208G	9.40	-20.60	2.30758G	-46.09	2.39944G	-34.02	2.4G	-34.95	2.51454G	-43.84	16.21731G	-32.19	2
2462MHz	Pass	2.44208G	9.40	-20.60	2.19224G	-44.59	2.39968G	-44.50	2.4G	-46.03	2.51686G	-43.25	16.27912G	-32.70	1
2462MHz	Pass	2.44208G	9.40	-20.60	917.73M	-45.31	2.39872G	-44.49	2.4G	-47.14	2.51702G	-43.92	17.65861G	-32.39	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2412MHz

16/02/2026

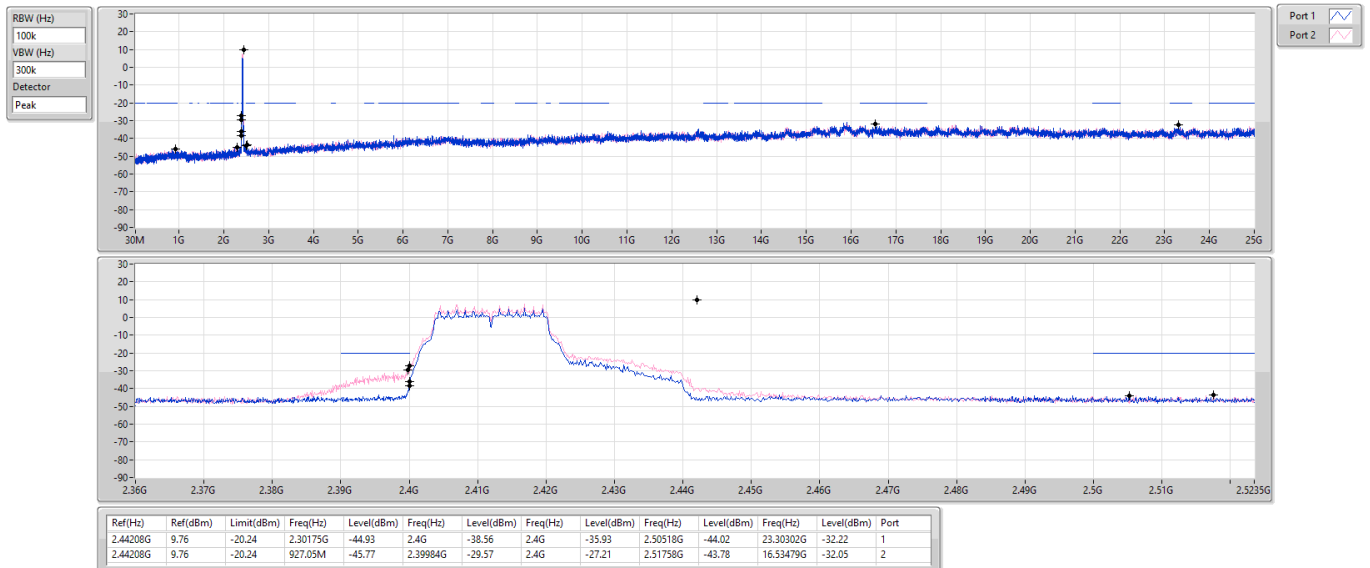


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

16/02/2026



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

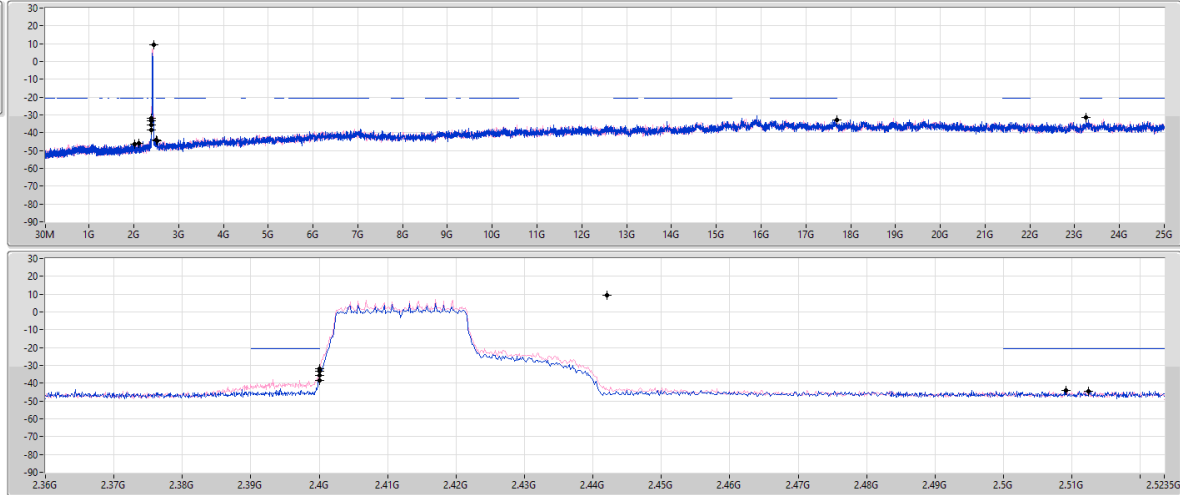
CSEndB

2412MHz

16/02/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	9.40	-20.60	2.01749G	-46.53	2.4G	-38.26	2.4G	-35.65	2.5091G	-44.08	23.24964G	-31.63	1
2.44208G	9.40	-20.60	2.1072G	-46.04	2.4G	-33.14	2.4G	-32.00	2.51246G	-44.44	17.6839G	-32.59	2



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	2.44192G	9.18	-20.82	1.83226G	-46.48	2.4G	-35.72	2.4G	-32.96	2.52278G	-43.47	16.27631G	-31.92	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11be EHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.18	-20.82	2.18176G	-45.33	2.4G	-37.31	2.4G	-35.63	2.5179G	-44.20	17.63614G	-32.85	1
2412MHz	Pass	2.44192G	9.18	-20.82	1.83226G	-46.48	2.4G	-35.72	2.4G	-32.96	2.52278G	-43.47	16.27631G	-31.92	2
2437MHz	Pass	2.44192G	9.18	-20.82	924.72M	-46.05	2.3996G	-42.54	2.4G	-45.47	2.50078G	-44.30	16.22293G	-31.25	1
2437MHz	Pass	2.44192G	9.18	-20.82	2.11419G	-46.04	2.39864G	-34.09	2.4G	-35.01	2.52006G	-43.97	16.26226G	-31.92	2
2462MHz	Pass	2.44192G	9.18	-20.82	1.83109G	-45.58	2.39096G	-44.28	2.4G	-46.11	2.50166G	-43.86	16.25664G	-32.63	1
2462MHz	Pass	2.44192G	9.18	-20.82	2.30525G	-45.17	2.39672G	-44.33	2.4G	-46.97	2.50214G	-44.22	16.22293G	-32.09	2

2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

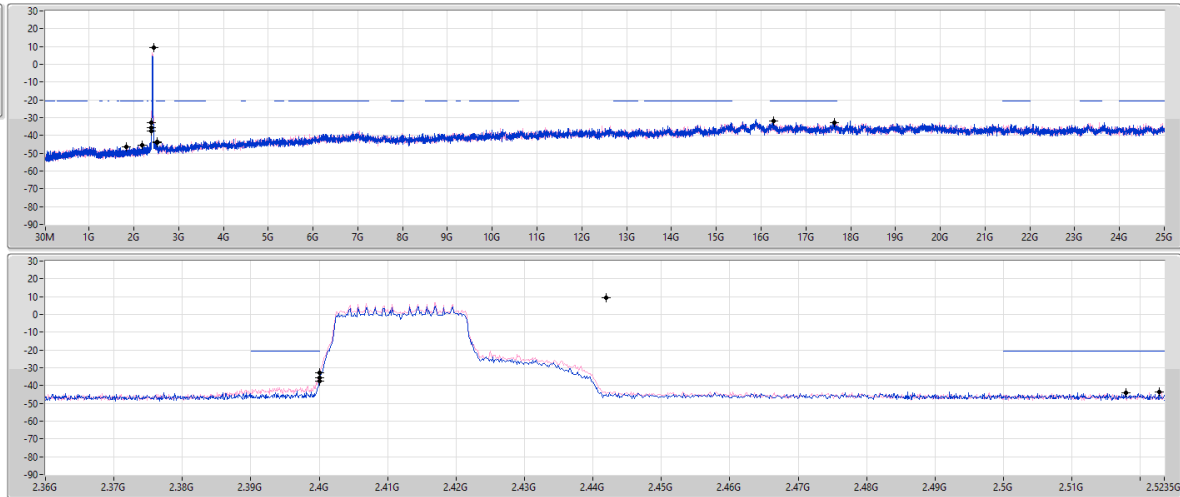
CSEndB

2412MHz

16/02/2026

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.18	-20.82	2.18176G	-45.33	2.4G	-37.31	2.4G	-35.63	2.5179G	-44.20	17.63614G	-32.85	1
2.44192G	9.18	-20.82	1.83226G	-46.48	2.4G	-35.72	2.4G	-32.96	2.52278G	-43.47	16.27631G	-31.92	2

**Summary**

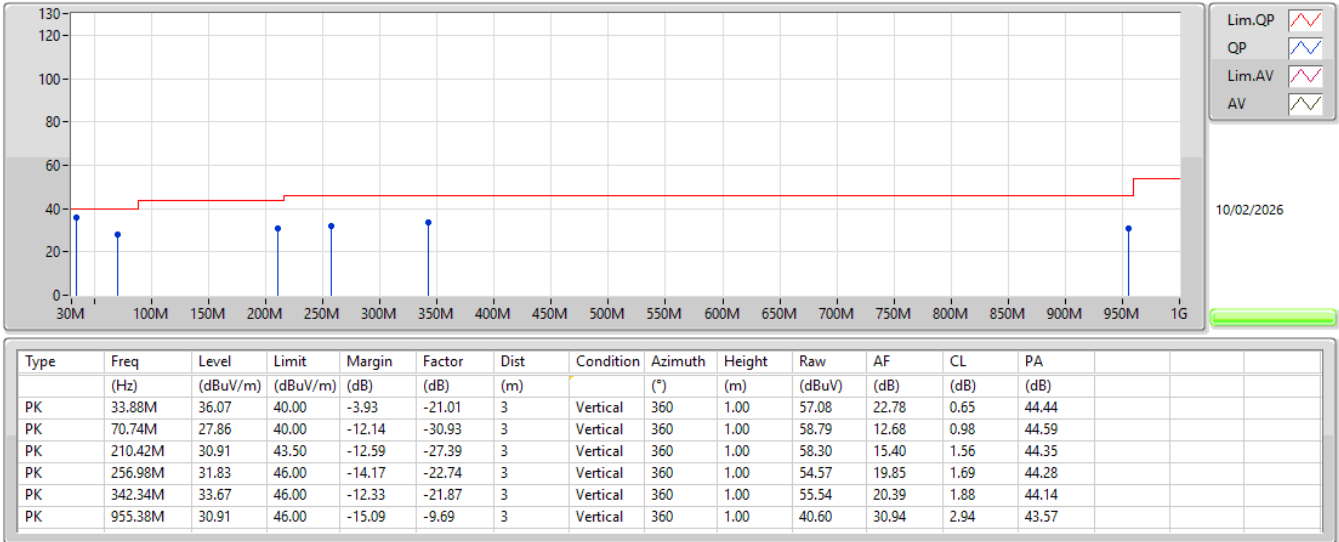
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	33.88M	36.07	40.00	-3.93	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_Adapter	Pass	PK	31.94M	27.93	40.00	-12.07	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	41.64M	30.87	40.00	-9.13	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	92.08M	28.76	43.50	-14.74	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	260.86M	31.81	46.00	-14.19	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	289.96M	32.83	46.00	-13.17	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	344.28M	31.83	46.00	-14.17	3	Vertical	360	1.00
2437MHz_Adapter	Pass	PK	30M	24.56	40.00	-15.44	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	99.84M	27.07	43.50	-16.43	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	288.02M	40.14	46.00	-5.86	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	344.28M	38.64	46.00	-7.36	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	740.04M	34.58	46.00	-11.42	3	Horizontal	0	1.00
2437MHz_Adapter	Pass	PK	796.3M	32.74	46.00	-13.26	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	33.88M	36.07	40.00	-3.93	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	70.74M	27.86	40.00	-12.14	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	210.42M	30.91	43.50	-12.59	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	256.98M	31.83	46.00	-14.17	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	342.34M	33.67	46.00	-12.33	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	955.38M	30.91	46.00	-15.09	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	33.88M	28.25	40.00	-11.75	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	210.42M	33.27	43.50	-10.23	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	301.6M	37.07	46.00	-8.93	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	336.52M	38.38	46.00	-7.62	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	745.86M	36.95	46.00	-9.05	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	914.64M	29.20	46.00	-16.80	3	Horizontal	0	1.00

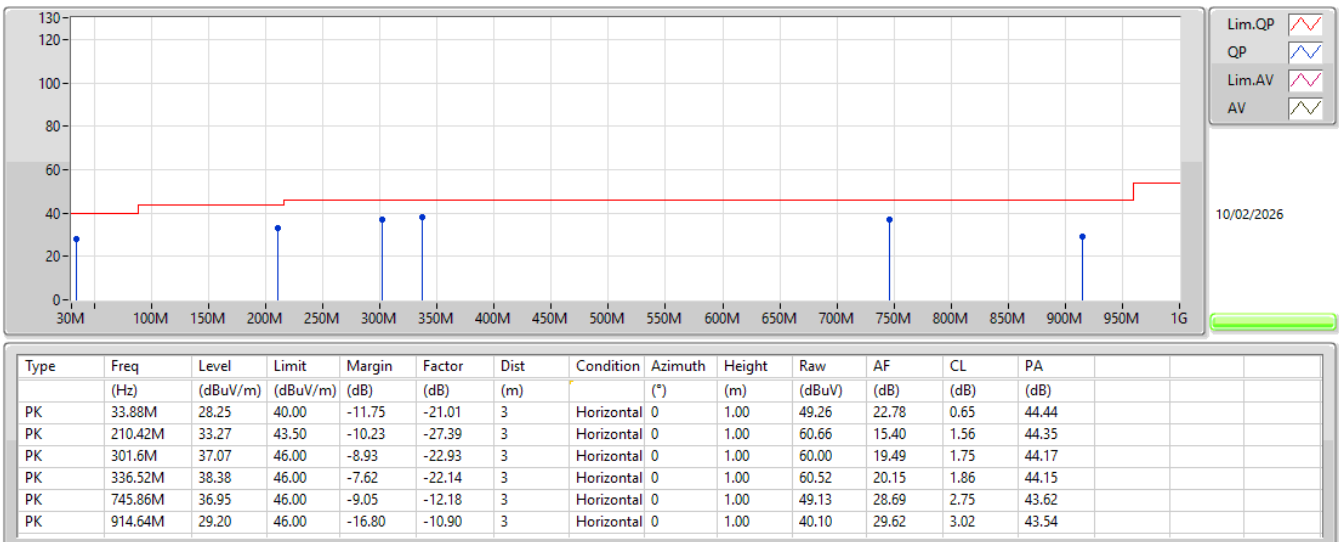
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_PoE



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2437MHz_PoE





RSE TX above 1GHz _Non-Beamforming_Radio 1_Full RU _1T1S

Appendix F.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.4868G	47.82	54.00	-6.18	3	Horizontal	103	2.59
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.4835G	52.73	54.00	-1.27	3	Horizontal	96	2.56
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	AV	2.4836G	52.95	54.00	-1.05	3	Horizontal	105	2.58

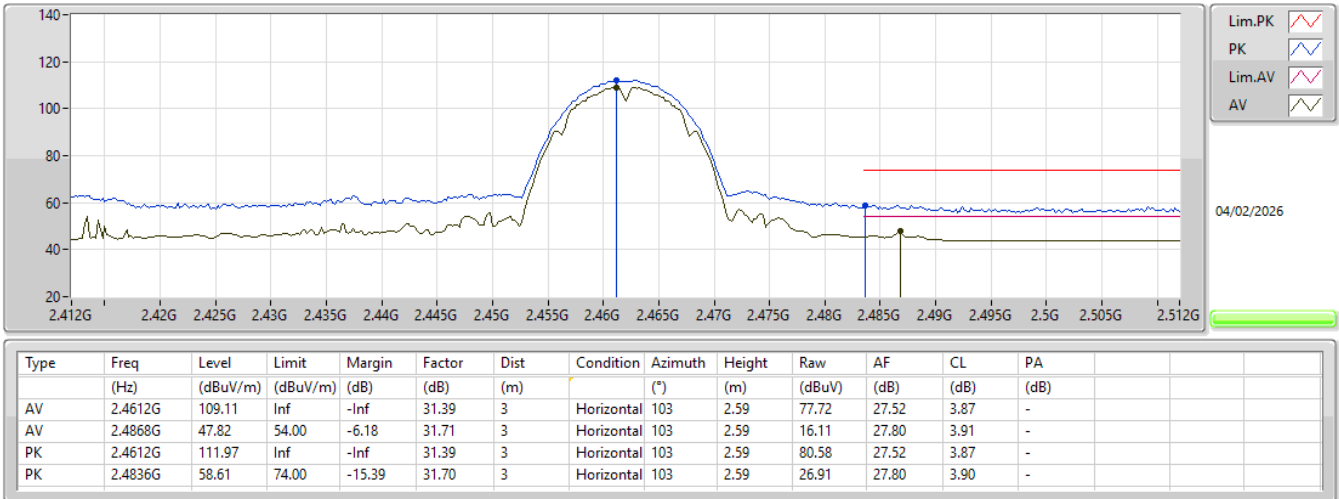
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3876G	43.32	54.00	-10.68	3	Vertical	285	2.46
2412MHz	Pass	AV	2.4128G	96.39	Inf	-Inf	3	Vertical	285	2.46
2412MHz	Pass	PK	2.3892G	57.32	74.00	-16.68	3	Vertical	285	2.46
2412MHz	Pass	PK	2.4128G	99.32	Inf	-Inf	3	Vertical	285	2.46
2412MHz	Pass	AV	2.3894G	45.48	54.00	-8.52	3	Horizontal	98	2.59
2412MHz	Pass	AV	2.4128G	108.11	Inf	-Inf	3	Horizontal	98	2.59
2412MHz	Pass	PK	2.389G	58.35	74.00	-15.65	3	Horizontal	98	2.59
2412MHz	Pass	PK	2.4128G	111.00	Inf	-Inf	3	Horizontal	98	2.59
2412MHz	Pass	AV	4.824G	40.73	54.00	-13.27	3	Vertical	153	1.23
2412MHz	Pass	PK	4.82406G	45.59	74.00	-28.41	3	Vertical	153	1.23
2412MHz	Pass	AV	4.82394G	34.23	54.00	-19.77	3	Horizontal	255	2.25
2412MHz	Pass	PK	4.82406G	43.49	74.00	-30.51	3	Horizontal	255	2.25
2437MHz	Pass	AV	2.3898G	43.69	54.00	-10.31	3	Horizontal	102	2.24
2437MHz	Pass	AV	2.4378G	109.59	Inf	-Inf	3	Horizontal	102	2.24
2437MHz	Pass	AV	2.4838G	44.83	54.00	-9.17	3	Horizontal	102	2.24
2437MHz	Pass	PK	2.3418G	57.26	74.00	-16.74	3	Horizontal	102	2.24
2437MHz	Pass	PK	2.4378G	112.48	Inf	-Inf	3	Horizontal	102	2.24
2437MHz	Pass	PK	2.4882G	57.69	74.00	-16.31	3	Horizontal	102	2.24
2437MHz	Pass	AV	4.87406G	40.96	54.00	-13.04	3	Vertical	153	1.36
2437MHz	Pass	PK	4.87394G	45.87	74.00	-28.13	3	Vertical	153	1.36
2437MHz	Pass	AV	4.87394G	36.58	54.00	-17.42	3	Horizontal	281	2.93
2437MHz	Pass	PK	4.87358G	43.78	74.00	-30.22	3	Horizontal	281	2.93
2462MHz	Pass	AV	2.4612G	109.11	Inf	-Inf	3	Horizontal	103	2.59
2462MHz	Pass	AV	2.4868G	47.82	54.00	-6.18	3	Horizontal	103	2.59
2462MHz	Pass	PK	2.4612G	111.97	Inf	-Inf	3	Horizontal	103	2.59
2462MHz	Pass	PK	2.4836G	58.61	74.00	-15.39	3	Horizontal	103	2.59
2462MHz	Pass	AV	4.924G	41.91	54.00	-12.09	3	Vertical	197	1.70
2462MHz	Pass	PK	4.92406G	46.70	74.00	-27.30	3	Vertical	197	1.70
2462MHz	Pass	AV	4.92406G	36.92	54.00	-17.08	3	Horizontal	279	2.40
2462MHz	Pass	PK	4.924G	44.27	74.00	-29.73	3	Horizontal	279	2.40
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.93	54.00	-4.07	3	Horizontal	99	2.61
2412MHz	Pass	AV	2.4166G	102.70	Inf	-Inf	3	Horizontal	99	2.61
2412MHz	Pass	PK	2.3898G	64.85	74.00	-9.15	3	Horizontal	99	2.61
2412MHz	Pass	PK	2.4164G	114.18	Inf	-Inf	3	Horizontal	99	2.61
2412MHz	Pass	AV	4.82292G	29.98	54.00	-24.02	3	Vertical	153	1.24
2412MHz	Pass	PK	4.82484G	42.78	74.00	-31.22	3	Vertical	153	1.24
2412MHz	Pass	AV	4.824G	28.43	54.00	-25.57	3	Horizontal	279	2.99
2412MHz	Pass	PK	4.82598G	41.96	74.00	-32.04	3	Horizontal	279	2.99
2437MHz	Pass	AV	2.3898G	45.14	54.00	-8.86	3	Horizontal	97	2.89
2437MHz	Pass	AV	2.4386G	102.72	Inf	-Inf	3	Horizontal	97	2.89
2437MHz	Pass	AV	2.4835G	45.60	54.00	-8.40	3	Horizontal	97	2.89
2437MHz	Pass	PK	2.3898G	58.82	74.00	-15.18	3	Horizontal	97	2.89
2437MHz	Pass	PK	2.437G	114.23	Inf	-Inf	3	Horizontal	97	2.89
2437MHz	Pass	PK	2.4854G	59.64	74.00	-14.36	3	Horizontal	97	2.89
2437MHz	Pass	AV	4.87502G	29.55	54.00	-24.45	3	Vertical	153	1.41
2437MHz	Pass	PK	4.86854G	43.58	74.00	-30.42	3	Vertical	153	1.41
2437MHz	Pass	AV	4.8725G	27.81	54.00	-26.19	3	Horizontal	255	2.88
2437MHz	Pass	PK	4.8725G	42.73	74.00	-31.27	3	Horizontal	255	2.88
2462MHz	Pass	AV	2.4634G	102.56	Inf	-Inf	3	Horizontal	96	2.56
2462MHz	Pass	AV	2.4835G	52.73	54.00	-1.27	3	Horizontal	96	2.56
2462MHz	Pass	PK	2.4596G	113.71	Inf	-Inf	3	Horizontal	96	2.56
2462MHz	Pass	PK	2.4835G	69.02	74.00	-4.98	3	Horizontal	96	2.56
2462MHz	Pass	AV	4.92364G	30.42	54.00	-23.58	3	Vertical	197	1.71
2462MHz	Pass	PK	4.92874G	43.93	74.00	-30.07	3	Vertical	197	1.71
2462MHz	Pass	AV	4.92298G	28.68	54.00	-25.32	3	Horizontal	274	2.92
2462MHz	Pass	PK	4.924G	41.65	74.00	-32.35	3	Horizontal	274	2.92
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.52	54.00	-3.48	3	Horizontal	99	2.62
2412MHz	Pass	AV	2.4194G	102.24	Inf	-Inf	3	Horizontal	99	2.62

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz	Pass	PK	2.389G	64.40	74.00	-9.60	3	Horizontal	99	2.62
2412MHz	Pass	PK	2.416G	115.56	Inf	-Inf	3	Horizontal	99	2.62
2412MHz	Pass	AV	4.82244G	29.95	54.00	-24.05	3	Vertical	155	1.39
2412MHz	Pass	PK	4.81458G	43.09	74.00	-30.91	3	Vertical	155	1.39
2412MHz	Pass	AV	4.82574G	28.16	54.00	-25.84	3	Horizontal	256	2.67
2412MHz	Pass	PK	4.83324G	41.59	74.00	-32.41	3	Horizontal	256	2.67
2437MHz	Pass	AV	2.3898G	45.64	54.00	-8.36	3	Horizontal	99	2.26
2437MHz	Pass	AV	2.4386G	102.84	Inf	-Inf	3	Horizontal	99	2.26
2437MHz	Pass	AV	2.4838G	46.48	54.00	-7.52	3	Horizontal	99	2.26
2437MHz	Pass	PK	2.3862G	58.82	74.00	-15.18	3	Horizontal	99	2.26
2437MHz	Pass	PK	2.4406G	115.70	Inf	-Inf	3	Horizontal	99	2.26
2437MHz	Pass	PK	2.487G	59.67	74.00	-14.33	3	Horizontal	99	2.26
2437MHz	Pass	AV	4.874G	29.77	54.00	-24.23	3	Vertical	152	1.36
2437MHz	Pass	PK	4.87118G	44.00	74.00	-30.00	3	Vertical	152	1.36
2437MHz	Pass	AV	4.87202G	28.16	54.00	-25.84	3	Horizontal	224	1.50
2437MHz	Pass	PK	4.8809G	41.69	74.00	-32.31	3	Horizontal	224	1.50
2457MHz	Pass	AV	2.4498G	102.56	Inf	-Inf	3	Horizontal	100	2.32
2457MHz	Pass	AV	2.4835G	49.66	54.00	-4.34	3	Horizontal	100	2.32
2457MHz	Pass	PK	2.45G	115.45	Inf	-Inf	3	Horizontal	100	2.32
2457MHz	Pass	PK	2.484G	67.28	74.00	-6.72	3	Horizontal	100	2.32
2462MHz	Pass	AV	2.461G	101.91	Inf	-Inf	3	Horizontal	105	2.58
2462MHz	Pass	AV	2.4836G	52.95	54.00	-1.05	3	Horizontal	105	2.58
2462MHz	Pass	PK	2.4578G	115.38	Inf	-Inf	3	Horizontal	105	2.58
2462MHz	Pass	PK	2.4838G	68.26	74.00	-5.74	3	Horizontal	105	2.58
2462MHz	Pass	AV	4.92262G	30.42	54.00	-23.58	3	Vertical	197	1.70
2462MHz	Pass	PK	4.92712G	43.13	74.00	-30.87	3	Vertical	197	1.70
2462MHz	Pass	AV	4.91986G	28.25	54.00	-25.75	3	Horizontal	85	1.50
2462MHz	Pass	PK	4.93198G	41.31	74.00	-32.69	3	Horizontal	85	1.50

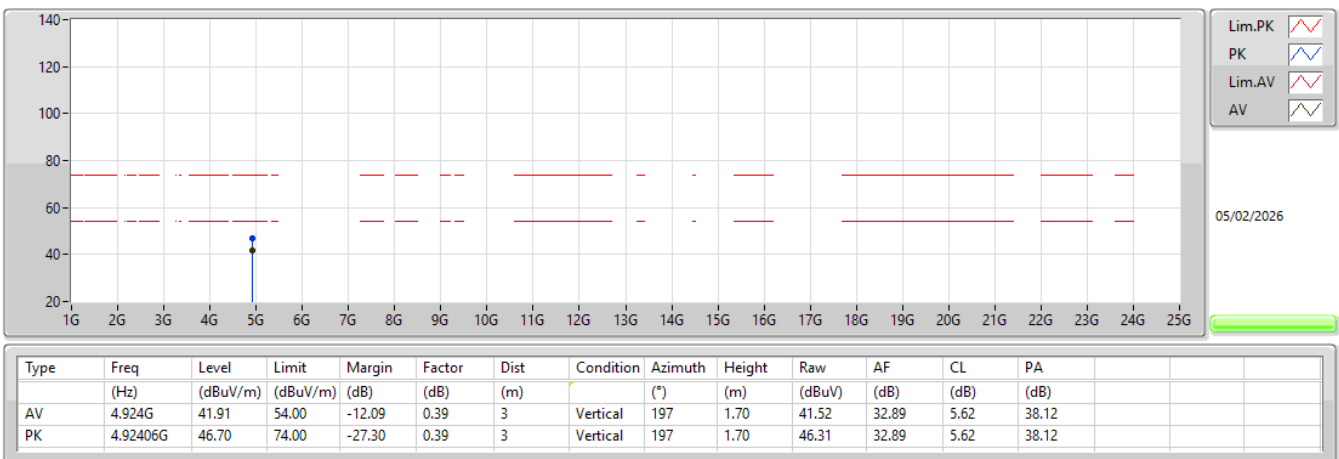
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



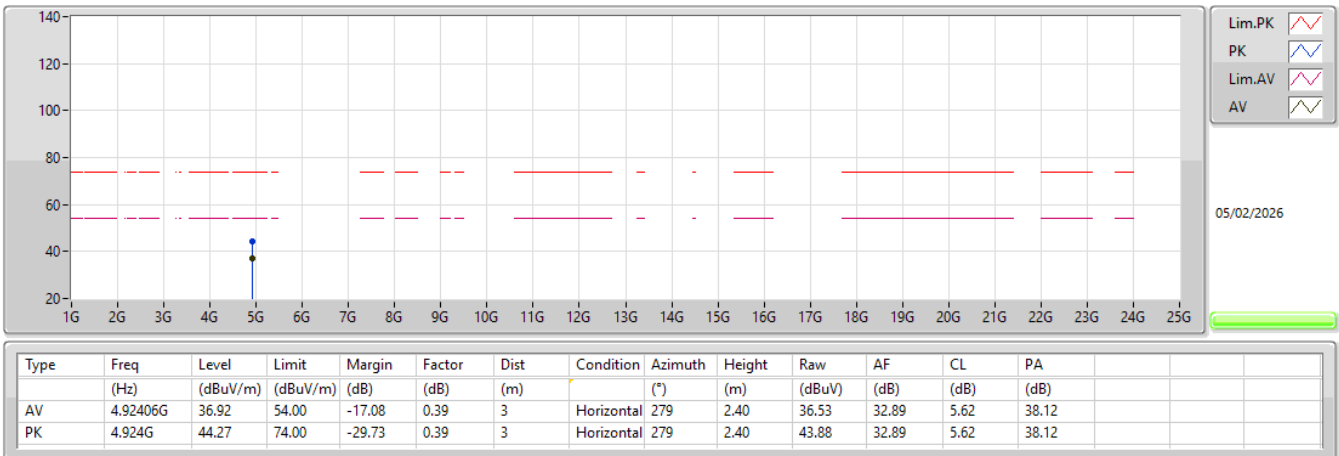
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



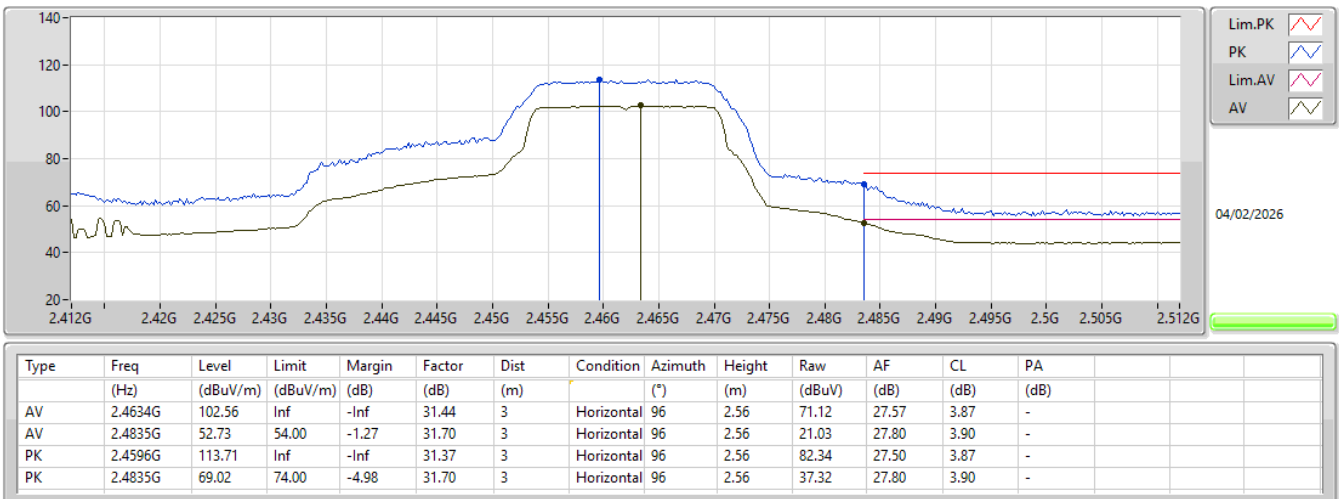
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX



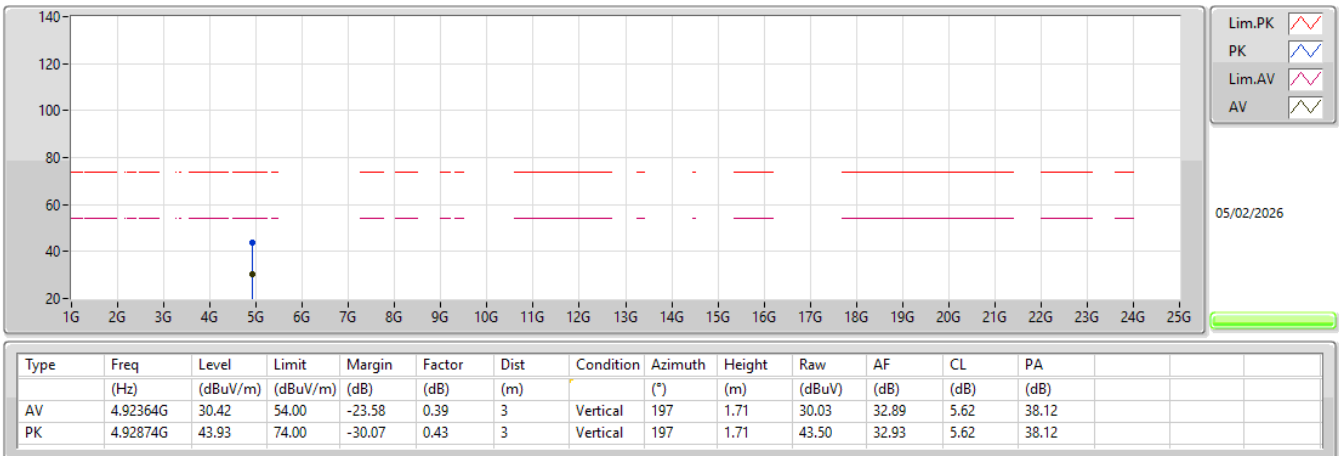
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



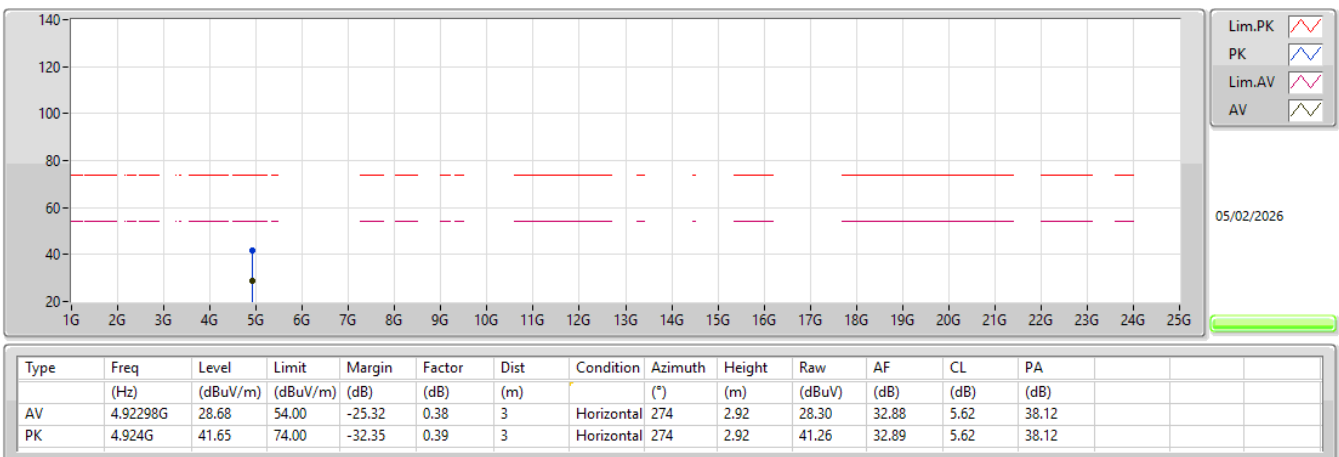
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



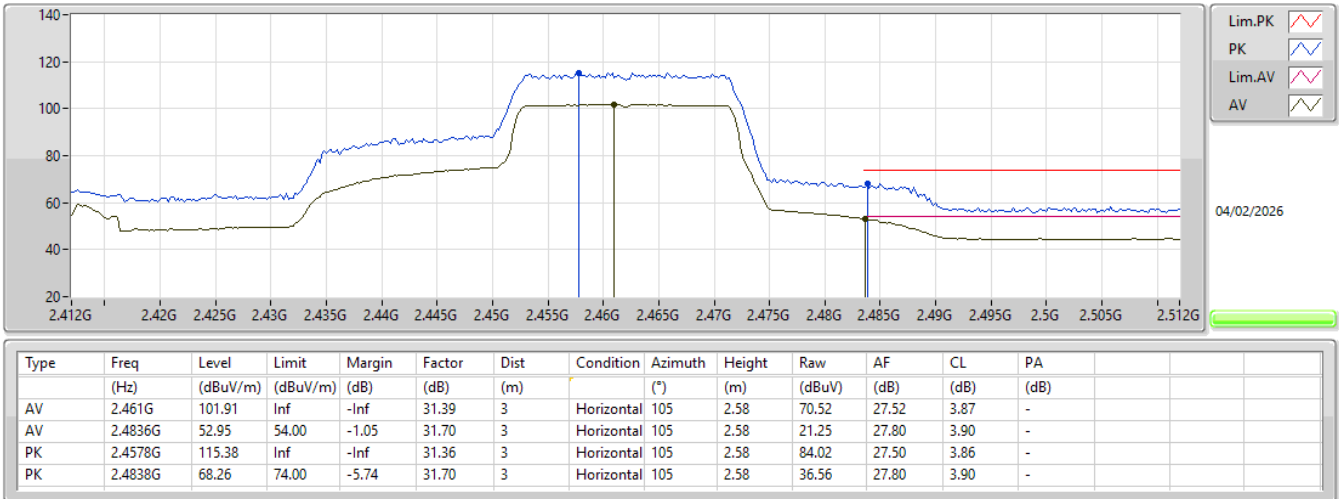
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX



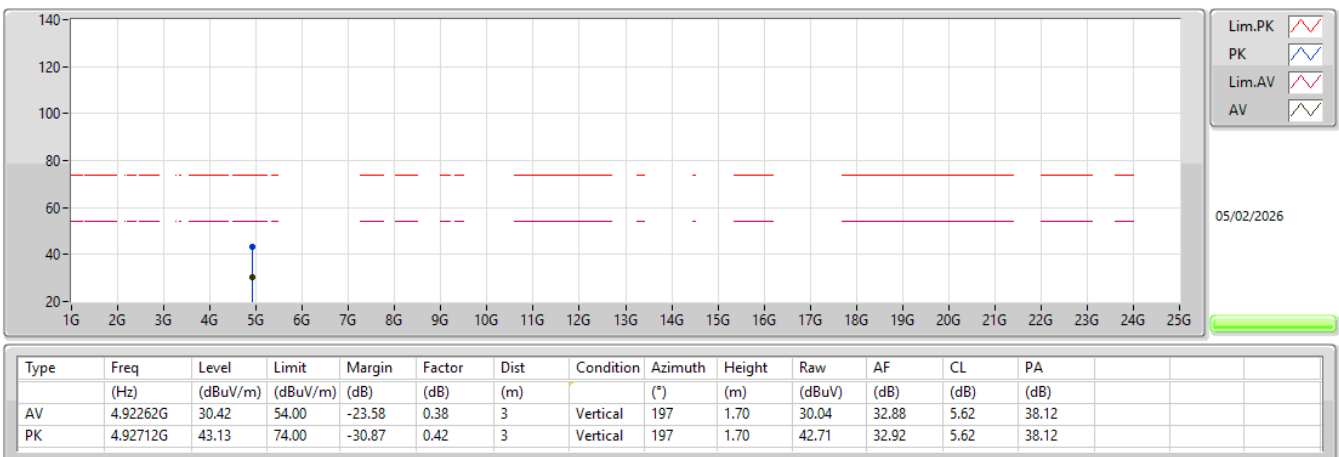
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX



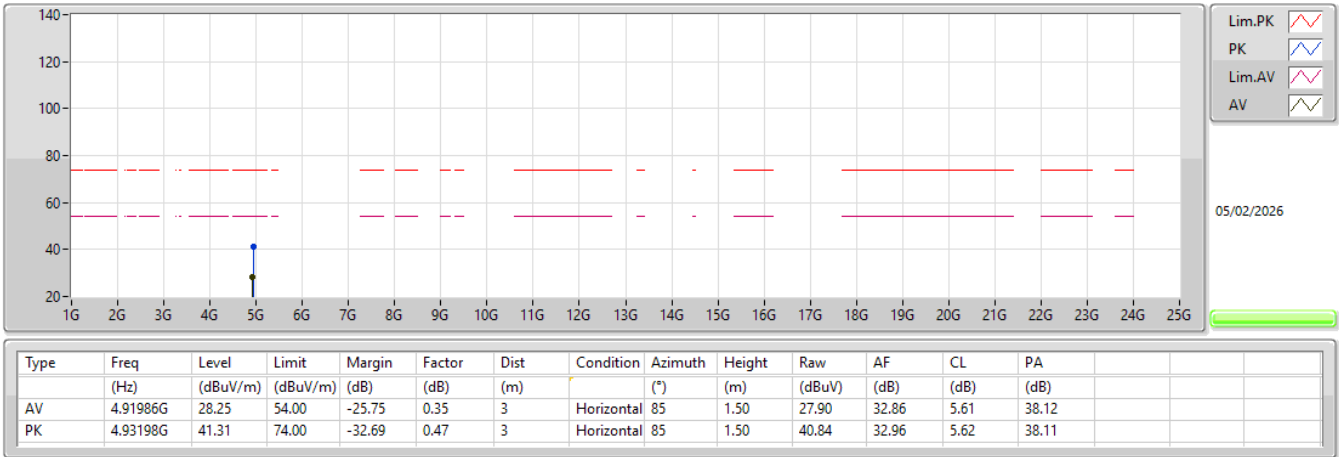
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_1TX

2462MHz_TX





RSE TX above 1GHz _Non-Beamforming_Radio 1_Full RU _2T1S

Appendix F.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3864G	53.75	54.00	-0.25	3	Horizontal	356	1.19
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.57	54.00	-0.43	3	Horizontal	17	1.19
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.66	54.00	-0.34	3	Horizontal	21	2.04

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.387G	47.77	54.00	-6.23	3	Vertical	54	1.03
2412MHz	Pass	AV	2.4128G	100.88	Inf	-Inf	3	Vertical	54	1.03
2412MHz	Pass	PK	2.3868G	59.03	74.00	-14.97	3	Vertical	54	1.03
2412MHz	Pass	PK	2.413G	103.65	Inf	-Inf	3	Vertical	54	1.03
2412MHz	Pass	AV	2.3864G	53.75	54.00	-0.25	3	Horizontal	356	1.19
2412MHz	Pass	AV	2.4128G	111.98	Inf	-Inf	3	Horizontal	356	1.19
2412MHz	Pass	PK	2.3868G	64.52	74.00	-9.48	3	Horizontal	356	1.19
2412MHz	Pass	PK	2.4128G	114.66	Inf	-Inf	3	Horizontal	356	1.19
2412MHz	Pass	AV	4.82394G	47.61	54.00	-6.39	3	Vertical	332	2.48
2412MHz	Pass	PK	4.82406G	50.62	74.00	-23.38	3	Vertical	332	2.48
2412MHz	Pass	AV	4.82406G	43.89	54.00	-10.11	3	Horizontal	317	1.14
2412MHz	Pass	PK	4.82388G	47.28	74.00	-26.72	3	Horizontal	317	1.14
2417MHz	Pass	AV	2.39G	52.17	54.00	-1.83	3	Horizontal	357	1.16
2417MHz	Pass	AV	2.4178G	112.28	Inf	-Inf	3	Horizontal	357	1.16
2417MHz	Pass	PK	2.3898G	62.47	74.00	-11.53	3	Horizontal	357	1.16
2417MHz	Pass	PK	2.4178G	114.96	Inf	-Inf	3	Horizontal	357	1.16
2437MHz	Pass	AV	2.3858G	45.80	54.00	-8.20	3	Horizontal	345	1.48
2437MHz	Pass	AV	2.4362G	111.73	Inf	-Inf	3	Horizontal	345	1.48
2437MHz	Pass	AV	2.4835G	47.04	54.00	-6.96	3	Horizontal	345	1.48
2437MHz	Pass	PK	2.3878G	59.20	74.00	-14.80	3	Horizontal	345	1.48
2437MHz	Pass	PK	2.4378G	114.58	Inf	-Inf	3	Horizontal	345	1.48
2437MHz	Pass	PK	2.4838G	59.75	74.00	-14.25	3	Horizontal	345	1.48
2437MHz	Pass	AV	4.87406G	45.24	54.00	-8.76	3	Vertical	26	1.11
2437MHz	Pass	PK	4.87394G	49.13	74.00	-24.87	3	Vertical	26	1.11
2437MHz	Pass	AV	4.874G	46.68	54.00	-7.32	3	Horizontal	340	1.85
2437MHz	Pass	PK	4.87388G	49.66	74.00	-24.34	3	Horizontal	340	1.85
2457MHz	Pass	AV	2.4562G	110.53	Inf	-Inf	3	Horizontal	349	1.41
2457MHz	Pass	AV	2.4852G	50.88	54.00	-3.12	3	Horizontal	349	1.41
2457MHz	Pass	PK	2.4562G	113.32	Inf	-Inf	3	Horizontal	349	1.41
2457MHz	Pass	PK	2.4836G	63.35	74.00	-10.65	3	Horizontal	349	1.41
2462MHz	Pass	AV	2.4628G	110.91	Inf	-Inf	3	Horizontal	338	1.62
2462MHz	Pass	AV	2.4835G	52.76	54.00	-1.24	3	Horizontal	338	1.62
2462MHz	Pass	PK	2.4628G	113.54	Inf	-Inf	3	Horizontal	338	1.62
2462MHz	Pass	PK	2.4835G	62.78	74.00	-11.22	3	Horizontal	338	1.62
2462MHz	Pass	AV	4.924G	47.50	54.00	-6.50	3	Vertical	27	2.55
2462MHz	Pass	PK	4.92394G	50.61	74.00	-23.39	3	Vertical	27	2.55
2462MHz	Pass	AV	4.92394G	49.47	54.00	-4.53	3	Horizontal	341	1.61
2462MHz	Pass	PK	4.92394G	52.48	74.00	-21.52	3	Horizontal	341	1.61
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.57	54.00	-0.43	3	Horizontal	17	1.19
2412MHz	Pass	AV	2.4158G	104.14	Inf	-Inf	3	Horizontal	17	1.19
2412MHz	Pass	PK	2.3898G	71.38	74.00	-2.62	3	Horizontal	17	1.19
2412MHz	Pass	PK	2.416G	114.51	Inf	-Inf	3	Horizontal	17	1.19
2412MHz	Pass	AV	4.82172G	35.04	54.00	-18.96	3	Vertical	347	1.08
2412MHz	Pass	PK	4.8222G	48.87	74.00	-25.13	3	Vertical	347	1.08
2412MHz	Pass	AV	4.82238G	36.12	54.00	-17.88	3	Horizontal	318	1.13
2412MHz	Pass	PK	4.82706G	48.75	74.00	-25.25	3	Horizontal	318	1.13
2417MHz	Pass	AV	2.388G	52.23	54.00	-1.77	3	Horizontal	12	1.19
2417MHz	Pass	AV	2.4212G	104.61	Inf	-Inf	3	Horizontal	12	1.19
2417MHz	Pass	PK	2.3882G	66.53	74.00	-7.47	3	Horizontal	12	1.19
2417MHz	Pass	PK	2.4208G	115.34	Inf	-Inf	3	Horizontal	12	1.19
2437MHz	Pass	AV	2.3898G	51.44	54.00	-2.56	3	Horizontal	16	1.99
2437MHz	Pass	AV	2.4394G	106.50	Inf	-Inf	3	Horizontal	16	1.99
2437MHz	Pass	AV	2.4838G	51.95	54.00	-2.05	3	Horizontal	16	1.99
2437MHz	Pass	PK	2.3878G	70.64	74.00	-3.36	3	Horizontal	16	1.99
2437MHz	Pass	PK	2.4346G	116.84	Inf	-Inf	3	Horizontal	16	1.99
2437MHz	Pass	PK	2.487G	71.48	74.00	-2.52	3	Horizontal	16	1.99
2437MHz	Pass	AV	4.87286G	34.27	54.00	-19.73	3	Vertical	21	2.99
2437MHz	Pass	PK	4.86818G	47.02	74.00	-26.98	3	Vertical	21	2.99
2437MHz	Pass	AV	4.87244G	35.80	54.00	-18.20	3	Horizontal	317	1.10



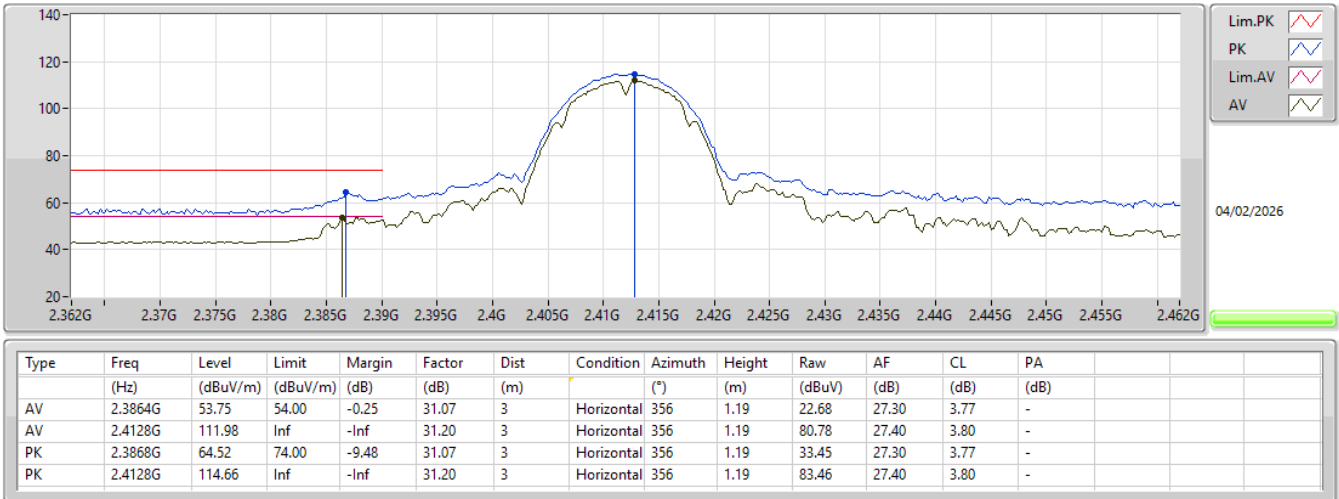
RSE TX above 1GHz_Non-Beamforming_Radio 1_Full RU 2T1S

Appendix F.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	4.87214G	48.80	74.00	-25.20	3	Horizontal	317	1.10
2457MHz	Pass	AV	2.4506G	105.00	Inf	-Inf	3	Horizontal	16	1.18
2457MHz	Pass	AV	2.4835G	53.07	54.00	-0.93	3	Horizontal	16	1.18
2457MHz	Pass	PK	2.4508G	115.06	Inf	-Inf	3	Horizontal	16	1.18
2457MHz	Pass	PK	2.4844G	67.42	74.00	-6.58	3	Horizontal	16	1.18
2462MHz	Pass	AV	2.4598G	103.88	Inf	-Inf	3	Horizontal	23	1.48
2462MHz	Pass	AV	2.4842G	52.80	54.00	-1.20	3	Horizontal	23	1.48
2462MHz	Pass	PK	2.4596G	114.35	Inf	-Inf	3	Horizontal	23	1.48
2462MHz	Pass	PK	2.4842G	69.92	74.00	-4.08	3	Horizontal	23	1.48
2462MHz	Pass	AV	4.92256G	35.31	54.00	-18.69	3	Vertical	23	2.96
2462MHz	Pass	PK	4.92784G	48.86	74.00	-25.14	3	Vertical	23	2.96
2462MHz	Pass	AV	4.9225G	37.74	54.00	-16.26	3	Horizontal	339	1.30
2462MHz	Pass	PK	4.9219G	51.51	74.00	-22.49	3	Horizontal	339	1.30
802.11be EHT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	49.24	54.00	-4.76	3	Vertical	56	1.03
2412MHz	Pass	AV	2.4136G	96.31	Inf	-Inf	3	Vertical	56	1.03
2412MHz	Pass	PK	2.388G	64.71	74.00	-9.29	3	Vertical	56	1.03
2412MHz	Pass	PK	2.4162G	108.64	Inf	-Inf	3	Vertical	56	1.03
2412MHz	Pass	AV	2.39G	53.66	54.00	-0.34	3	Horizontal	21	2.04
2412MHz	Pass	AV	2.4208G	103.27	Inf	-Inf	3	Horizontal	21	2.04
2412MHz	Pass	PK	2.3876G	68.48	74.00	-5.52	3	Horizontal	21	2.04
2412MHz	Pass	PK	2.4186G	116.16	Inf	-Inf	3	Horizontal	21	2.04
2412MHz	Pass	AV	4.82328G	35.85	54.00	-18.15	3	Vertical	343	1.01
2412MHz	Pass	PK	4.82052G	49.49	74.00	-24.51	3	Vertical	343	1.01
2412MHz	Pass	AV	4.82556G	35.90	54.00	-18.10	3	Horizontal	318	1.16
2412MHz	Pass	PK	4.8204G	49.25	74.00	-24.75	3	Horizontal	318	1.16
2417MHz	Pass	AV	2.3892G	51.51	54.00	-2.49	3	Horizontal	19	2.03
2417MHz	Pass	AV	2.4258G	104.16	Inf	-Inf	3	Horizontal	19	2.03
2417MHz	Pass	PK	2.3896G	72.46	74.00	-1.54	3	Horizontal	19	2.03
2417MHz	Pass	PK	2.4182G	116.11	Inf	-Inf	3	Horizontal	19	2.03
2437MHz	Pass	AV	2.3894G	49.81	54.00	-4.19	3	Horizontal	18	1.41
2437MHz	Pass	AV	2.4386G	105.00	Inf	-Inf	3	Horizontal	18	1.41
2437MHz	Pass	AV	2.4835G	52.01	54.00	-1.99	3	Horizontal	18	1.41
2437MHz	Pass	PK	2.3894G	65.16	74.00	-8.84	3	Horizontal	18	1.41
2437MHz	Pass	PK	2.4386G	117.40	Inf	-Inf	3	Horizontal	18	1.41
2437MHz	Pass	PK	2.4838G	66.79	74.00	-7.21	3	Horizontal	18	1.41
2437MHz	Pass	AV	4.8734G	33.50	54.00	-20.50	3	Vertical	19	2.99
2437MHz	Pass	PK	4.87106G	45.78	74.00	-28.22	3	Vertical	19	2.99
2437MHz	Pass	AV	4.87304G	35.62	54.00	-18.38	3	Horizontal	313	1.10
2437MHz	Pass	PK	4.87562G	47.89	74.00	-26.11	3	Horizontal	313	1.10
2457MHz	Pass	AV	2.4514G	104.35	Inf	-Inf	3	Horizontal	17	1.16
2457MHz	Pass	AV	2.4835G	52.82	54.00	-1.18	3	Horizontal	17	1.16
2457MHz	Pass	PK	2.4514G	116.84	Inf	-Inf	3	Horizontal	17	1.16
2457MHz	Pass	PK	2.4835G	71.28	74.00	-2.72	3	Horizontal	17	1.16
2462MHz	Pass	AV	2.471G	102.79	Inf	-Inf	3	Horizontal	18	1.61
2462MHz	Pass	AV	2.4835G	53.35	54.00	-0.65	3	Horizontal	18	1.61
2462MHz	Pass	PK	2.471G	115.49	Inf	-Inf	3	Horizontal	18	1.61
2462MHz	Pass	PK	2.4835G	68.17	74.00	-5.83	3	Horizontal	18	1.61
2462MHz	Pass	AV	4.92316G	35.10	54.00	-18.90	3	Vertical	24	2.90
2462MHz	Pass	PK	4.92544G	47.57	74.00	-26.43	3	Vertical	24	2.90
2462MHz	Pass	AV	4.92568G	36.89	54.00	-17.11	3	Horizontal	340	1.50
2462MHz	Pass	PK	4.9231G	50.40	74.00	-23.60	3	Horizontal	340	1.50

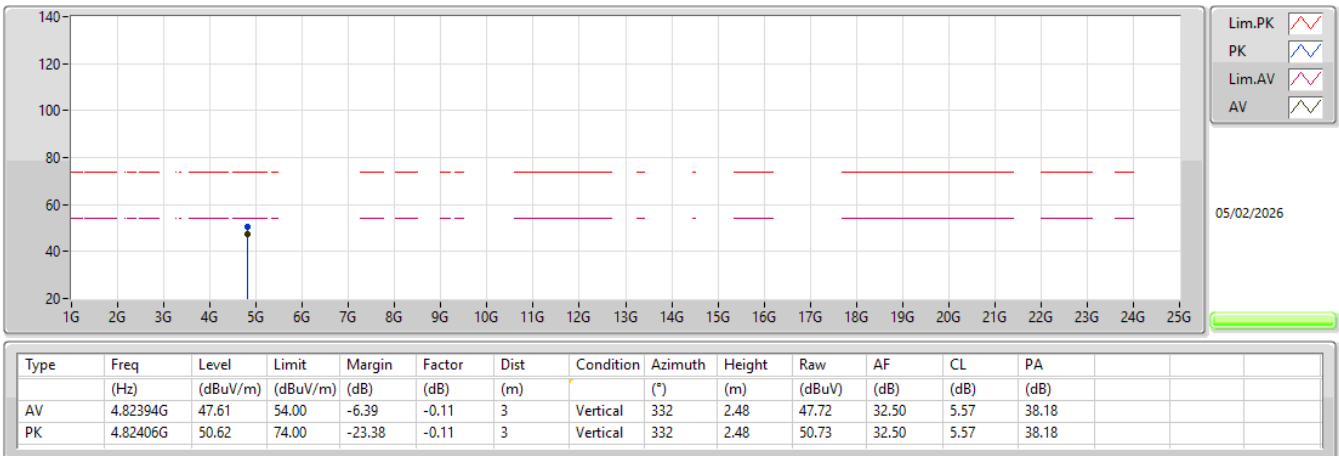
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX



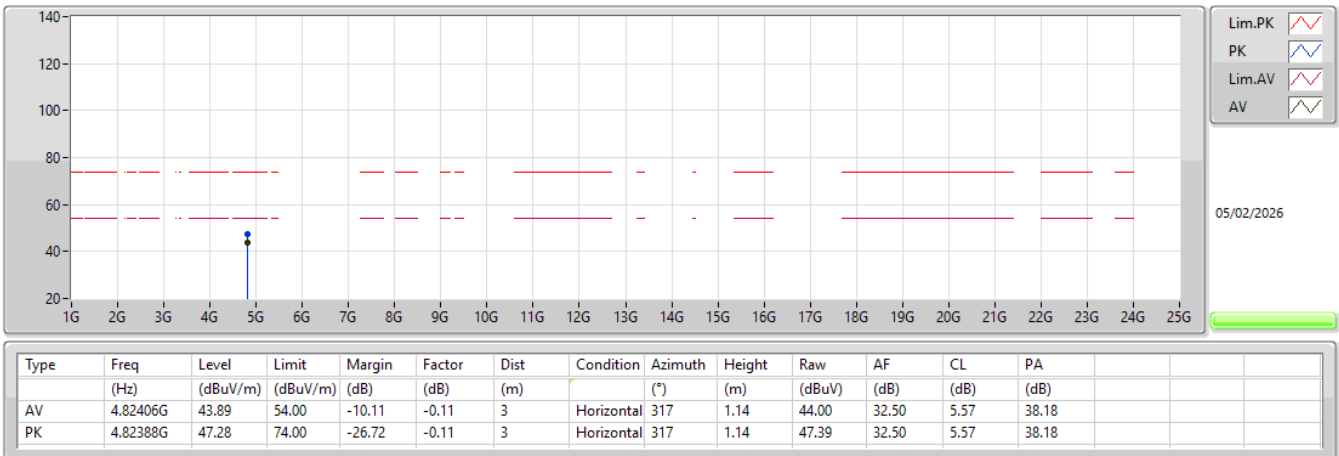
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX



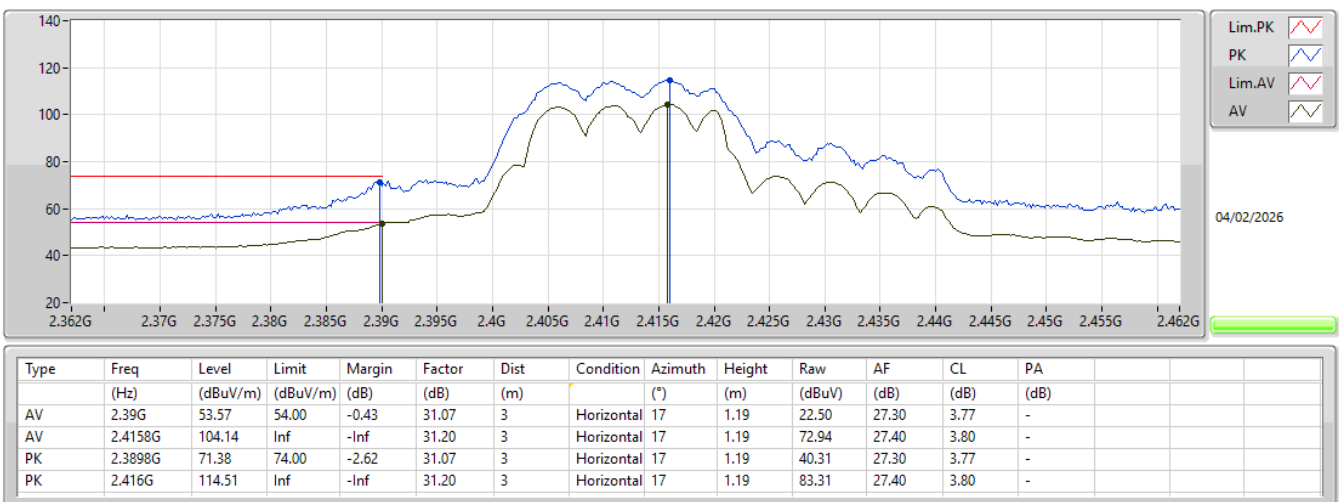
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX



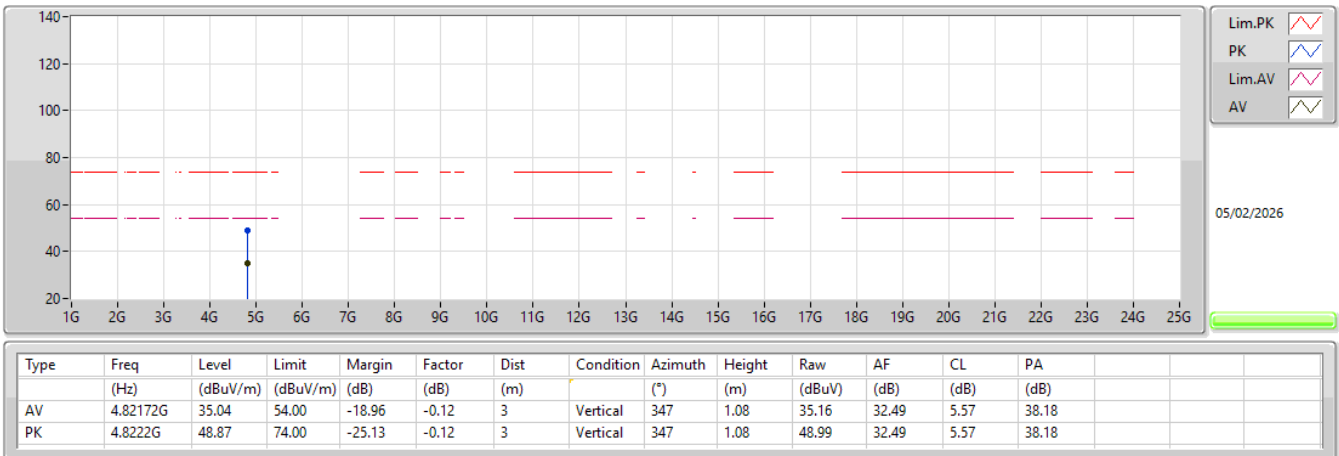
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



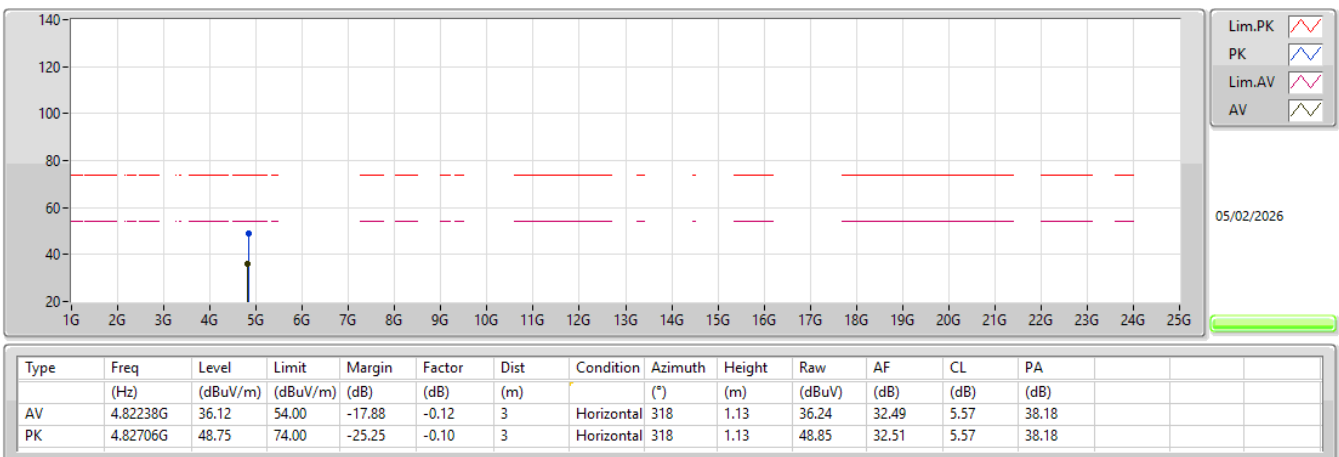
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



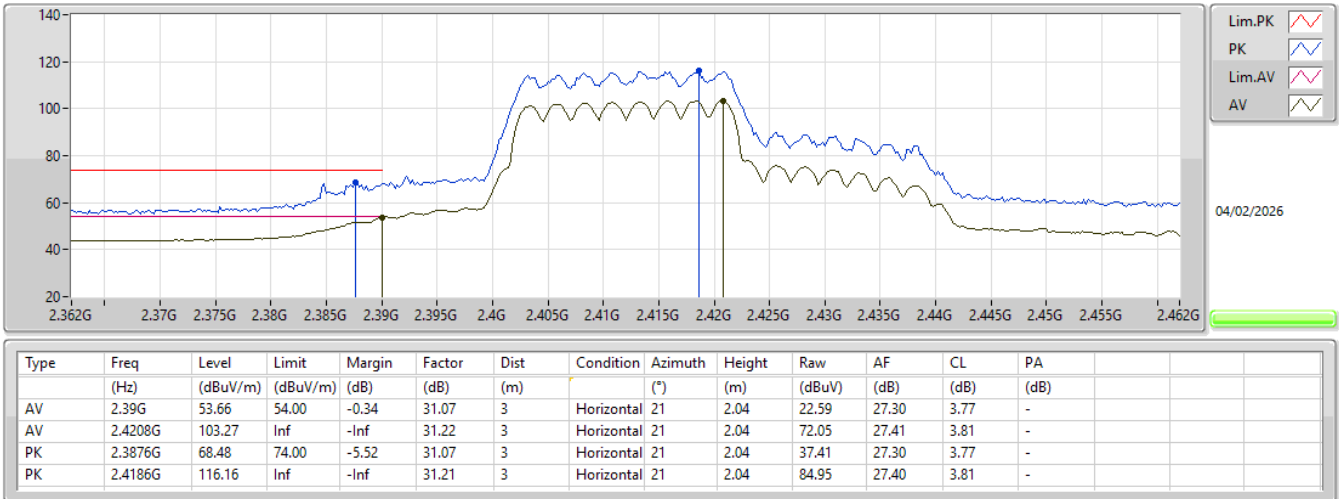
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



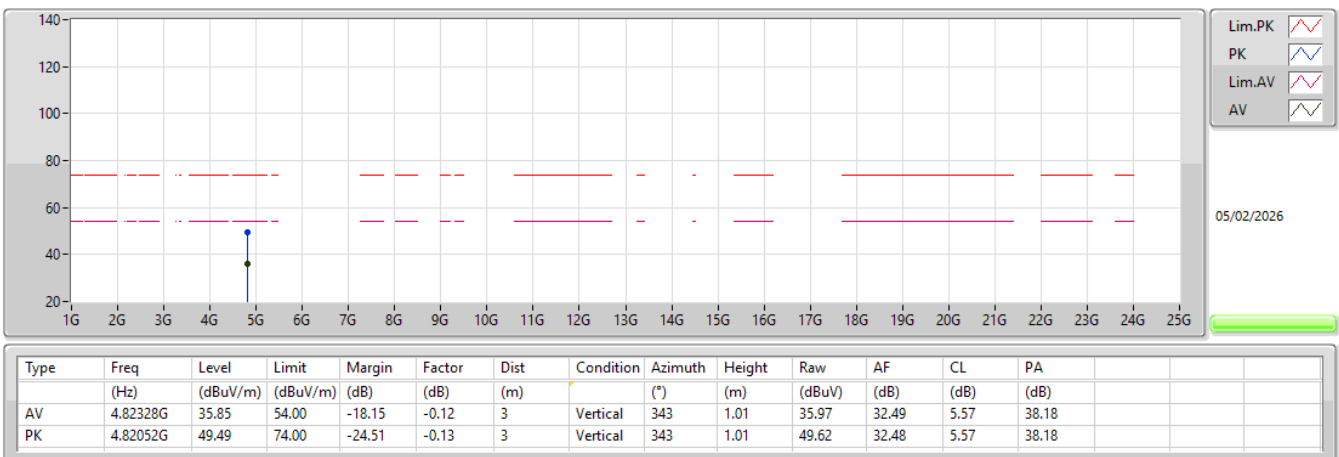
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



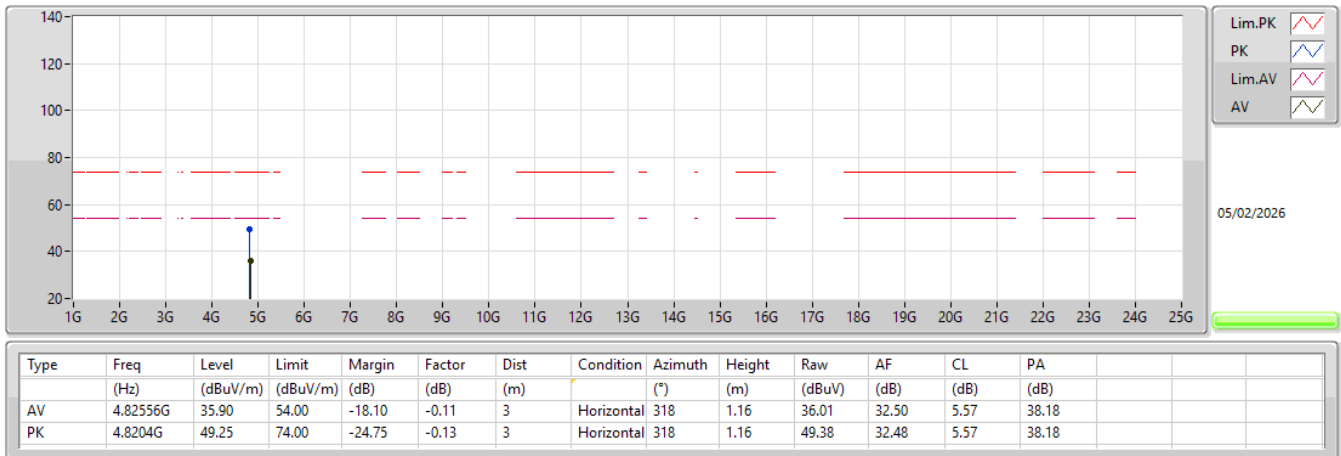
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX





RSE TX above 1GHz _Non-Beamforming_Radio 1_Full RU_2T2S Appendix F.4

Summary

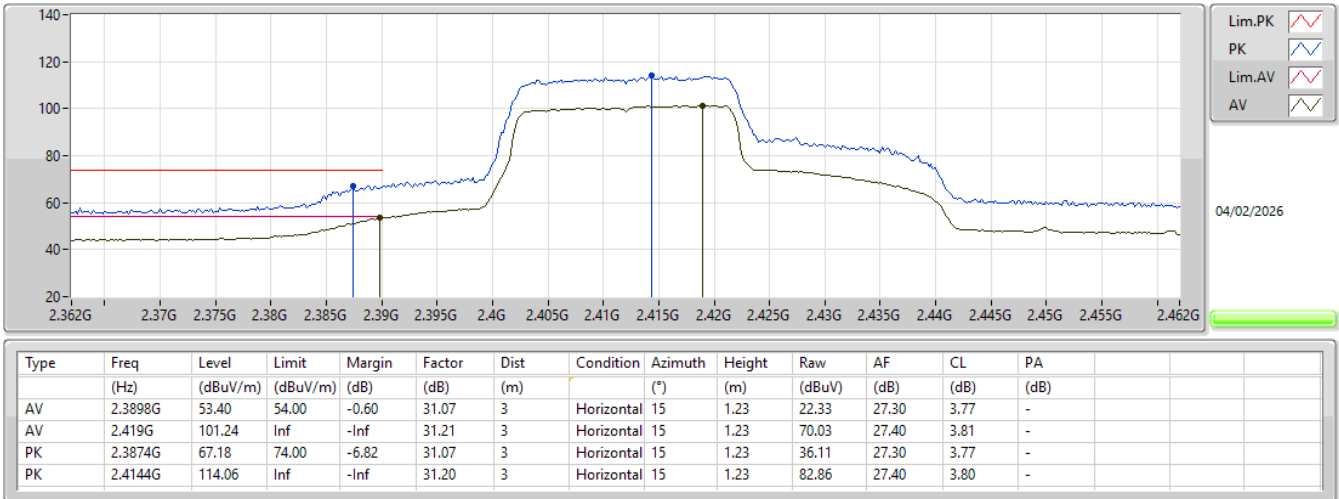
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss2,(MCS0)_2TX	Pass	AV	2.3898G	53.40	54.00	-0.60	3	Horizontal	15	1.23

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	53.40	54.00	-0.60	3	Horizontal	15	1.23
2412MHz	Pass	AV	2.419G	101.24	Inf	-Inf	3	Horizontal	15	1.23
2412MHz	Pass	PK	2.3874G	67.18	74.00	-6.82	3	Horizontal	15	1.23
2412MHz	Pass	PK	2.4144G	114.06	Inf	-Inf	3	Horizontal	15	1.23
2412MHz	Pass	AV	4.82376G	35.25	54.00	-18.75	3	Vertical	343	1.01
2412MHz	Pass	PK	4.83408G	47.62	74.00	-26.38	3	Vertical	343	1.01
2412MHz	Pass	AV	4.82376G	34.64	54.00	-19.36	3	Horizontal	320	1.15
2412MHz	Pass	PK	4.83144G	47.76	74.00	-26.24	3	Horizontal	320	1.15
2417MHz	Pass	AV	2.39G	52.77	54.00	-1.23	3	Horizontal	15	1.22
2417MHz	Pass	AV	2.419G	102.34	Inf	-Inf	3	Horizontal	15	1.22
2417MHz	Pass	PK	2.39G	68.93	74.00	-5.07	3	Horizontal	15	1.22
2417MHz	Pass	PK	2.4214G	115.17	Inf	-Inf	3	Horizontal	15	1.22
2437MHz	Pass	AV	2.3898G	51.68	54.00	-2.32	3	Horizontal	20	2.25
2437MHz	Pass	AV	2.4406G	103.78	Inf	-Inf	3	Horizontal	20	2.25
2437MHz	Pass	AV	2.4835G	52.24	54.00	-1.76	3	Horizontal	20	2.25
2437MHz	Pass	PK	2.3878G	67.92	74.00	-6.08	3	Horizontal	20	2.25
2437MHz	Pass	PK	2.441G	116.19	Inf	-Inf	3	Horizontal	20	2.25
2437MHz	Pass	PK	2.4838G	66.13	74.00	-7.87	3	Horizontal	20	2.25
2437MHz	Pass	AV	4.8707G	32.64	54.00	-21.36	3	Vertical	17	2.97
2437MHz	Pass	PK	4.87022G	45.36	74.00	-28.64	3	Vertical	17	2.97
2437MHz	Pass	AV	4.87424G	34.17	54.00	-19.83	3	Horizontal	311	1.31
2437MHz	Pass	PK	4.8629G	46.73	74.00	-27.27	3	Horizontal	311	1.31
2457MHz	Pass	AV	2.4514G	102.48	Inf	-Inf	3	Horizontal	19	1.16
2457MHz	Pass	AV	2.4835G	53.34	54.00	-0.66	3	Horizontal	19	1.16
2457MHz	Pass	PK	2.449G	115.14	Inf	-Inf	3	Horizontal	19	1.16
2457MHz	Pass	PK	2.4836G	67.58	74.00	-6.42	3	Horizontal	19	1.16
2462MHz	Pass	AV	2.469G	101.69	Inf	-Inf	3	Horizontal	19	1.12
2462MHz	Pass	AV	2.4835G	53.23	54.00	-0.77	3	Horizontal	19	1.12
2462MHz	Pass	PK	2.471G	114.12	Inf	-Inf	3	Horizontal	19	1.12
2462MHz	Pass	PK	2.4836G	67.00	74.00	-7.00	3	Horizontal	19	1.12
2462MHz	Pass	AV	4.9246G	34.96	54.00	-19.04	3	Vertical	35	2.91
2462MHz	Pass	PK	4.93594G	47.33	74.00	-26.67	3	Vertical	35	2.91
2462MHz	Pass	AV	4.92568G	36.13	54.00	-17.87	3	Horizontal	339	1.50
2462MHz	Pass	PK	4.93276G	49.66	74.00	-24.34	3	Horizontal	339	1.50

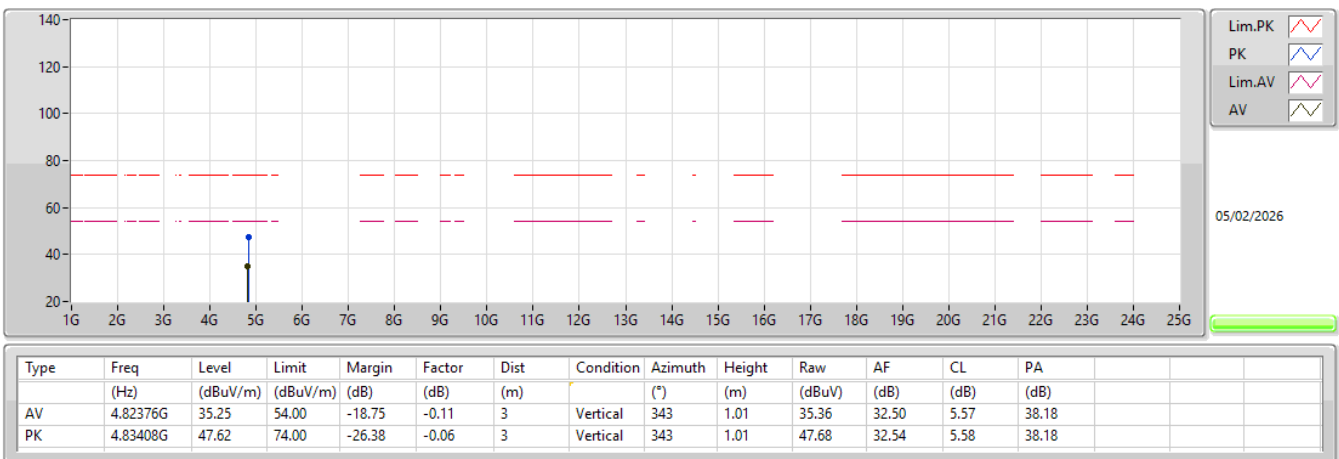
2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

2412MHz_TX



2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

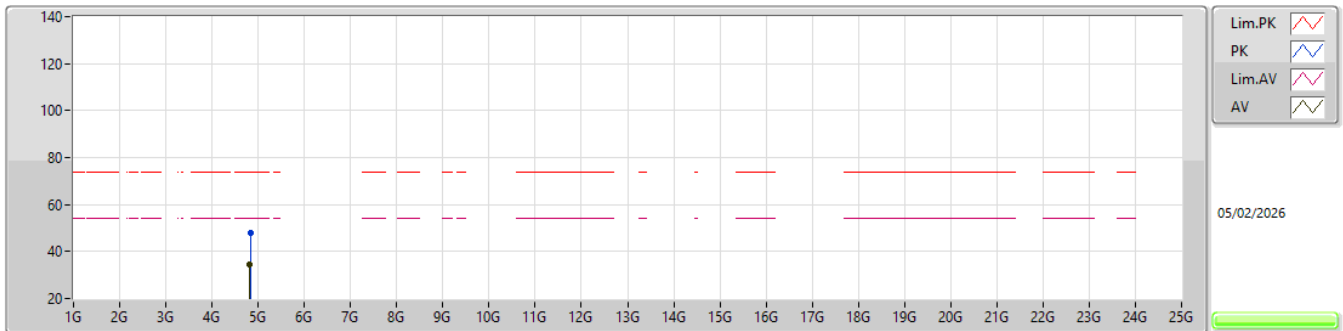
2412MHz_TX





2.4-2.4835GHz_802.11be EHT20_Nss2,(MCS0)_2TX

2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	4.82376G	34.64	54.00	-19.36	-0.11	3	Horizontal	320	1.15	34.75	32.50	5.57	38.18				
PK	4.83144G	47.76	74.00	-26.24	-0.08	3	Horizontal	320	1.15	47.84	32.53	5.57	38.18				



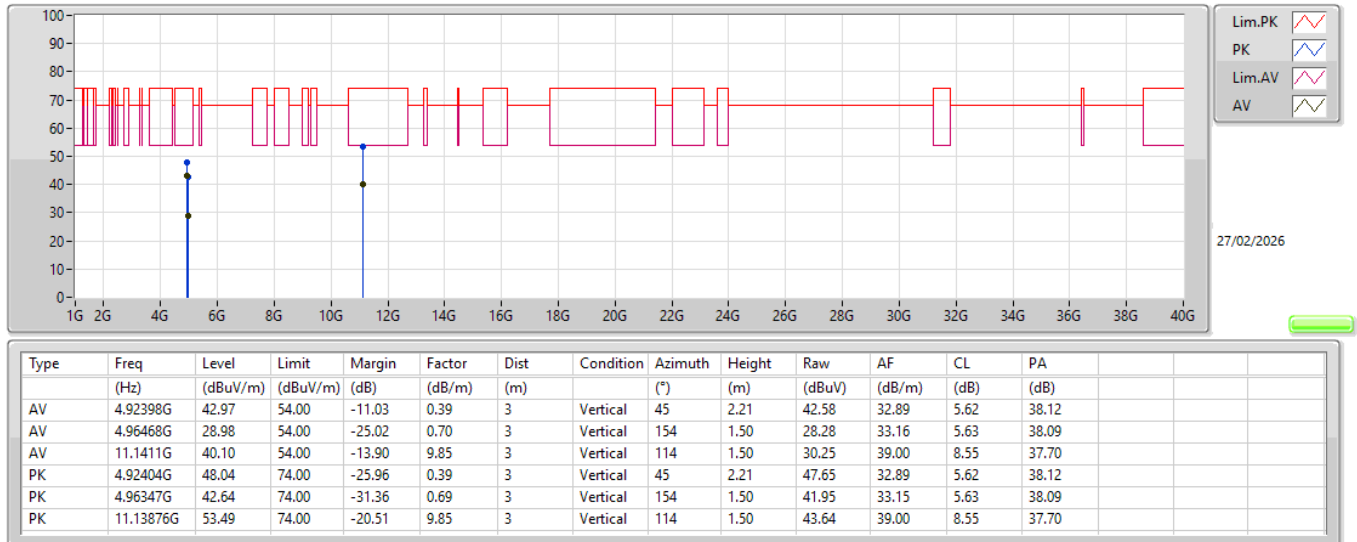
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.92402G	47.79	54.00	-6.21	Horizontal
Mode 2	Pass	AV	11.14428G	39.87	54.00	-14.13	Vertical

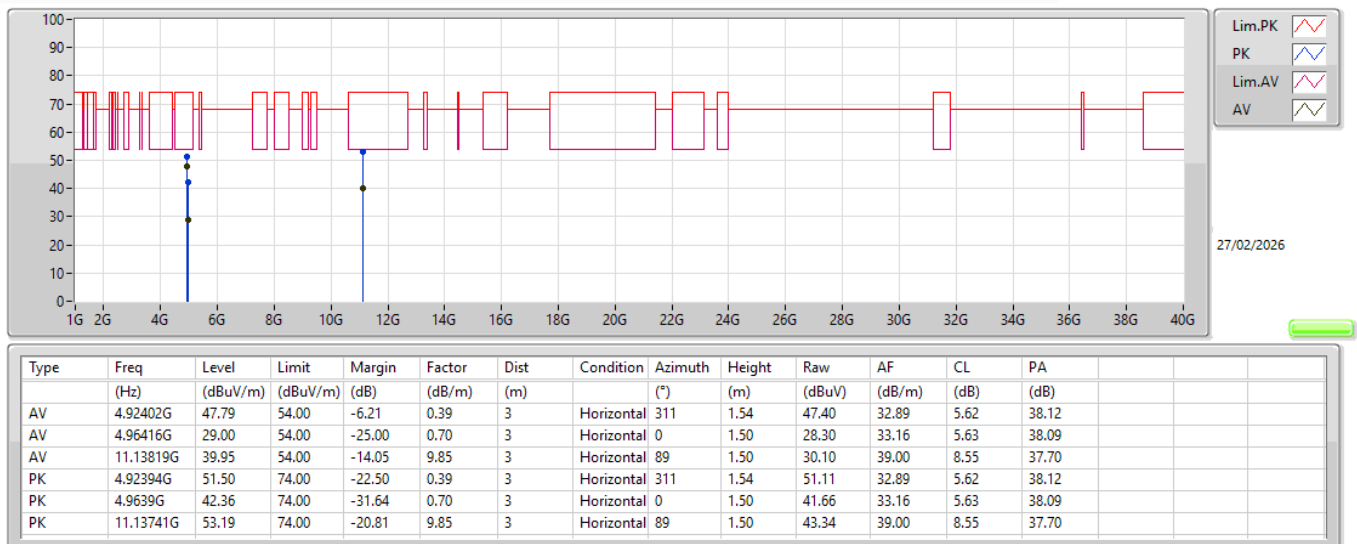
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.92398G	42.97	54.00	-11.03	3	Vertical	45	2.21
Mode 1	Pass	AV	4.96468G	28.98	54.00	-25.02	3	Vertical	154	1.50
Mode 1	Pass	AV	11.1411G	40.10	54.00	-13.90	3	Vertical	114	1.50
Mode 1	Pass	PK	4.92404G	48.04	74.00	-25.96	3	Vertical	45	2.21
Mode 1	Pass	PK	4.96347G	42.64	74.00	-31.36	3	Vertical	154	1.50
Mode 1	Pass	PK	11.13876G	53.49	74.00	-20.51	3	Vertical	114	1.50
Mode 1	Pass	AV	4.92402G	47.79	54.00	-6.21	3	Horizontal	311	1.54
Mode 1	Pass	AV	4.96416G	29.00	54.00	-25.00	3	Horizontal	0	1.50
Mode 1	Pass	AV	11.13819G	39.95	54.00	-14.05	3	Horizontal	89	1.50
Mode 1	Pass	PK	4.92394G	51.50	74.00	-22.50	3	Horizontal	311	1.54
Mode 1	Pass	PK	4.9639G	42.36	74.00	-31.64	3	Horizontal	0	1.50
Mode 1	Pass	PK	11.13741G	53.19	74.00	-20.81	3	Horizontal	89	1.50
Mode 2	Pass	AV	4.9648G	28.91	54.00	-25.09	3	Vertical	89	1.50
Mode 2	Pass	AV	11.14428G	39.87	54.00	-14.13	3	Vertical	71	2.56
Mode 2	Pass	AV	12.2125G	39.62	54.00	-14.38	3	Vertical	122	2.41
Mode 2	Pass	PK	4.95778G	42.10	74.00	-31.90	3	Vertical	89	1.50
Mode 2	Pass	PK	11.14024G	54.08	74.00	-19.92	3	Vertical	71	2.56
Mode 2	Pass	PK	12.2121G	52.79	74.00	-21.21	3	Vertical	122	2.41
Mode 2	Pass	AV	4.96385G	28.88	54.00	-25.12	3	Horizontal	1	1.50
Mode 2	Pass	AV	11.14252G	39.79	54.00	-14.21	3	Horizontal	165	1.50
Mode 2	Pass	AV	12.2146G	39.70	54.00	-14.30	3	Horizontal	229	2.43
Mode 2	Pass	PK	4.9631G	42.22	74.00	-31.78	3	Horizontal	1	1.50
Mode 2	Pass	PK	11.13959G	53.56	74.00	-20.44	3	Horizontal	165	1.50
Mode 2	Pass	PK	12.2053G	52.93	74.00	-21.07	3	Horizontal	229	2.43

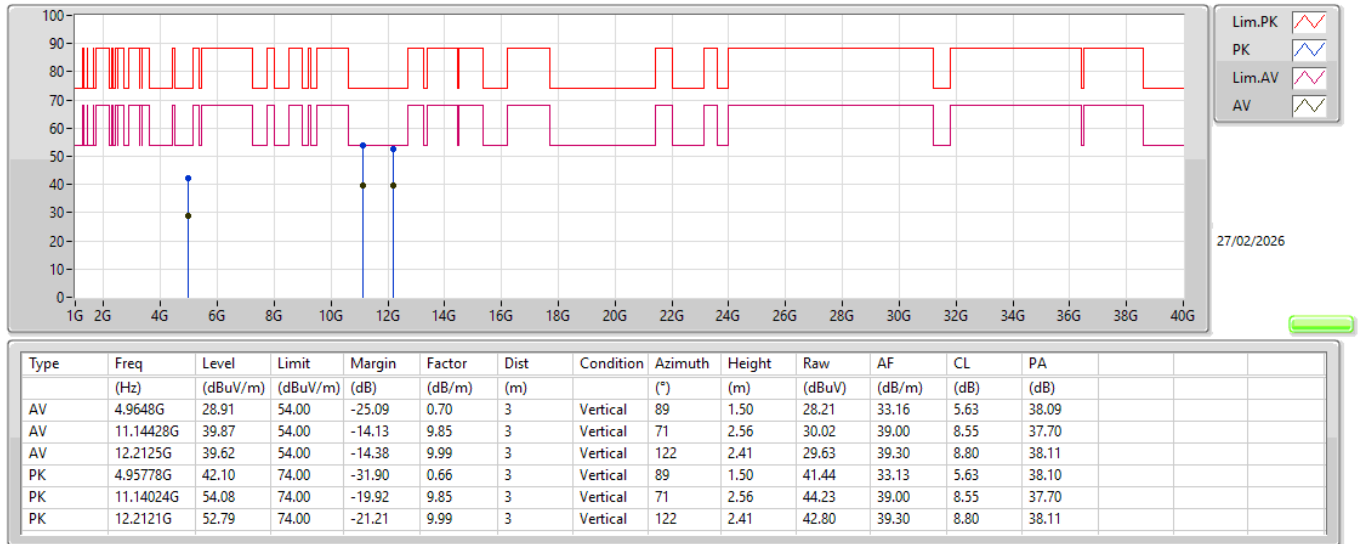
Mode 1



Mode 1



Mode 2



Mode 2

