



FCC Radio Test Report

FCC ID : TOR-C430
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-430
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara,
CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara,
CA 95054 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 04, 2024, and testing was started from Jan. 09, 2025 and completed on Apr. 07, 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 C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FR4N1424AC	01	Initial issue of report	Jun. 25, 2025

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: Michelle Tsai

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]
2400-2483.5	n (HT40), VHT40, ax(HEW40), be(EHT40)	2422-2452	3-9 [7]

Non-Beamforming_Radio 0

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
2.4-2.4835GHz	802.11be EHT40	40	2TX

Non-Beamforming_Radio 1

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
2.4-2.4835GHz	802.11be EHT40	40	2TX

Beamforming_Radio 0

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Beamforming_Radio 1

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	WHAYU	C393-510334-A	PIFA	I-Pex	2.4G+5G+6G	Radio 0
2	WHAYU	C393-510334-A	PIFA	I-Pex	2.4G+5G	Radio 1+Radio 2
3	WHAYU	C393-510334-A	PIFA	I-Pex	2.4G+5G+6G	Radio 0
4	WHAYU	C393-510334-A	PIFA	I-Pex	2.4G+5G	Radio 1+Radio 2
5	WHAYU	C393-510334-A	PIFA	I-Pex	6G	Radio 2
6	WHAYU	C393-510334-A	PIFA	I-Pex	6G	Radio 2
7	WHAYU	C393-510334-A	Dipole	I-Pex	BT	-
8	WHAYU	C393-510334-A	PIFA	I-Pex	GPS	-

Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	2.17	3.62	4.17	3.45	3.23	3.66	2.36	2.59	3.98	-	-
2	1	3.09	2.82	3.72	5.11	4.06	-	-	-	-	-	-
3	2	4.51	3.8	4.19	4.45	3.96	4.44	4.62	2.8	2.9	-	-
4	2	2.66	3.25	3.16	4.34	3.02	-	-	-	-	-	-
5	1	-	-	-	-	-	5.22	5.01	4.4	5.77	-	-
6	2	-	-	-	-	-	5.01	5.22	4.67	5.86	-	-
7	1	-	-	-	-	-	-	-	-	-	5.92	-
8	1	-	-	-	-	-	-	-	-	-	-	2.4

Composite Gain (dBi)											
Ant.		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1+3	DG [1SS]	5.9	4.49	5.91	5.27	4.75	5.12	5.03	4.49	4.57	
	DG [2SS]	4.51	3.8	4.19	4.45	3.96	4.44	4.62	2.8	3.98	
2+4	DG [1SS]	5.24	4.78	4.64	6.09	4.28	-	-	-	-	
	DG [2SS]	3.09	3.25	3.72	5.11	4.06	-	-	-	-	
5~6	DG [1SS]	-	-	-	-	-	6.9	7.16	6.4	7.89	
	DG [2SS]	-	-	-	-	-	5.22	5.22	4.67	5.86	



Note 1: The EUT has eight 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 AP4N1424.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) < **Radio 0** >

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

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

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

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode(2TX/2RX) < **Radio 0** >

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

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

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

For 6GHz function:

For IEEE 802.11 ax/be mode(2TX/2RX) < **Radio 0** >

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

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

Ant. 5 (port 1) and Ant. 6 (port 2) could transmit/receive simultaneously.

For BT function:

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

Ant. 7 (port 1) could transmit/receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
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 0

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.977	0.1	5.455m	200
802.11be EHT40_Nss1,(MCS0)_2TX	0.978	0.1	5.455m	200

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

Non-Beamforming_Radio 1

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.979	0.09	5.455m	200
802.11be EHT40_Nss1,(MCS0)_2TX	0.978	0.1	5.455m	200

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

Beamforming_Radio 0

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.977	0.1	5.455m	200
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.978	0.1	5.455m	200

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	5.455m	200
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.978	0.1	5.455m	200

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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	CON04-HY	Lego Lin	22.1~23.6°C / 53~58%	21/Jan/2025
RF Conducted	TH07-HY	Alan Chien	22.1~22.5°C / 55~59%	15/Jan/2025
Radiated	03CH03-HY	Simon Cheng	21.1~22.3°C / 50~55%	09/Jan/2025~07/Apr/2025
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Co-location)	03CH26-HY	Andy Wang	19.5~22.2°C / 51~55%	21/Jan/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%
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%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	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
------------------------------	------------------------------------

Non-Beamforming_Radio 0

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2452MHz	16

Non-Beamforming_Radio 1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	18
2452MHz	18

**Beamforming_Radio 0**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	16
2437MHz	16
2462MHz	16
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2437MHz	16
2452MHz	16

Beamforming_Radio 1

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	18
2437MHz	18
2452MHz	18

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	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	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio 1)	V (Radio 0)	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1 + Radio 2 (5G) + Radio 0 (2.4G) + Bluetooth
2	Radio 1 + Radio 2 (5G) + Radio 0 (5G) + Bluetooth
Refer to Sporton Test Report No.: FA4N1424 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Ceiling	Brand Name	ARISTA	Model Name	MNP-AP-15MM

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

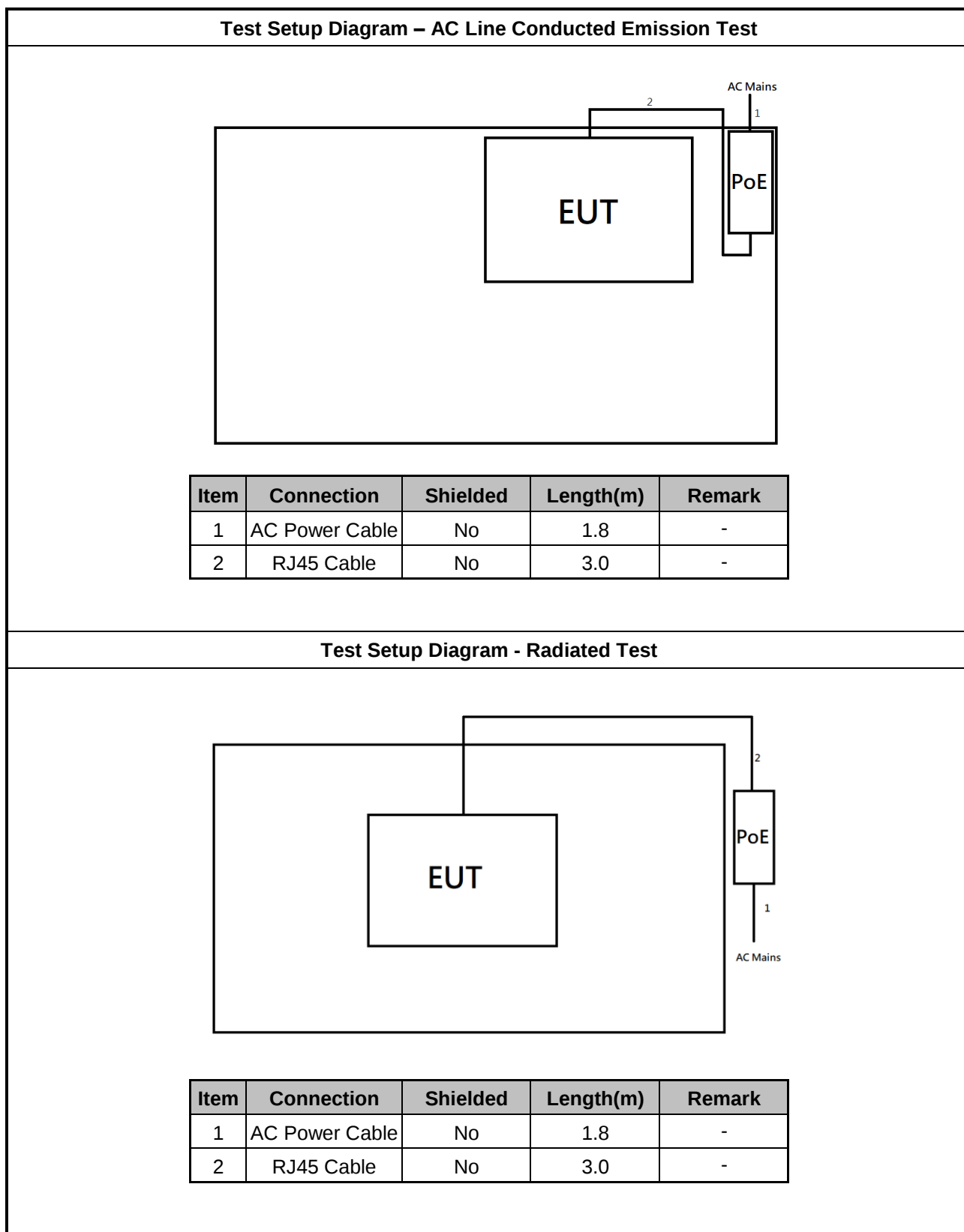
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	PHIHONG	POE60U-1BT-X	-	-
2	AC Power Cable	Power sync	PW-GPC180-3	-	-
3	RJ-45 Cable	Power sync	CAT-6E-03	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ASIAN POWER DEVICES.	WA-48B12R	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	PHIHONG	POE60U-1BT-X	-	Remote
3	AC Power Cable	Power sync	PW-GPC180-3	-	Remote

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

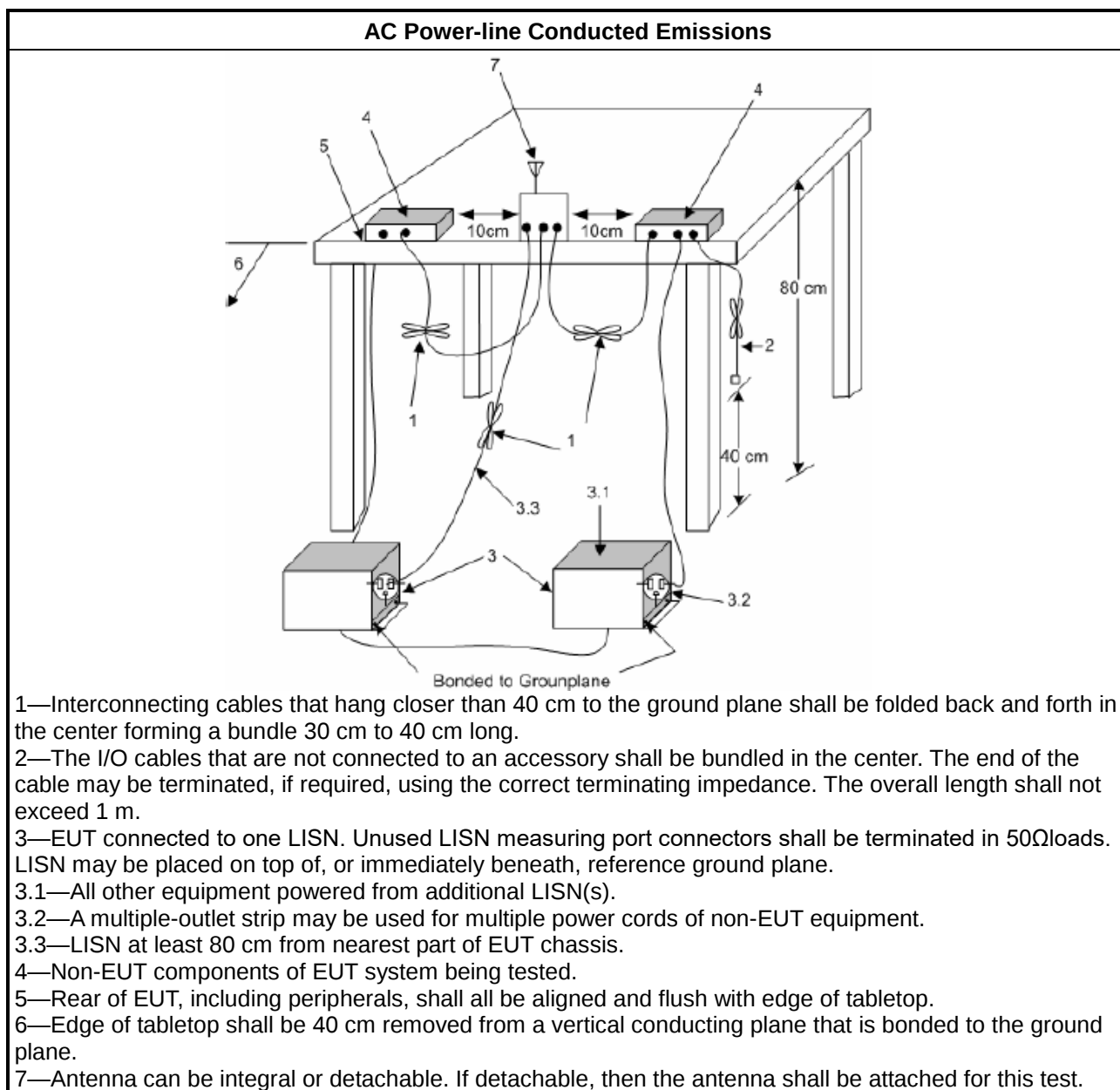
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

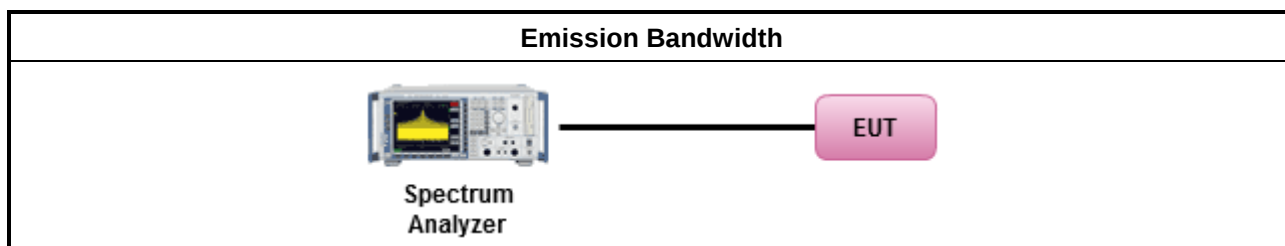
3.2.2 Measuring Instruments

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.	

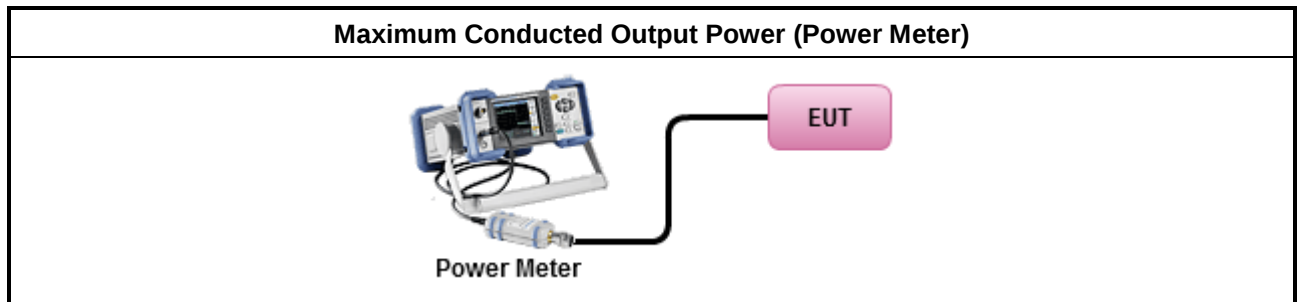
3.3.2 Measuring Instruments

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 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 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

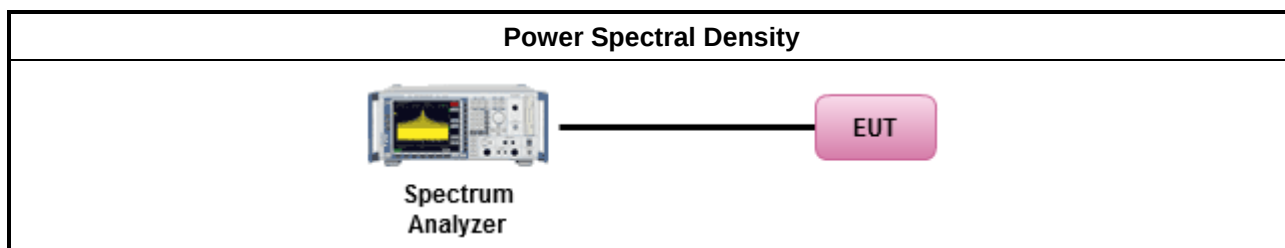
3.4.2 Measuring Instruments

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.	

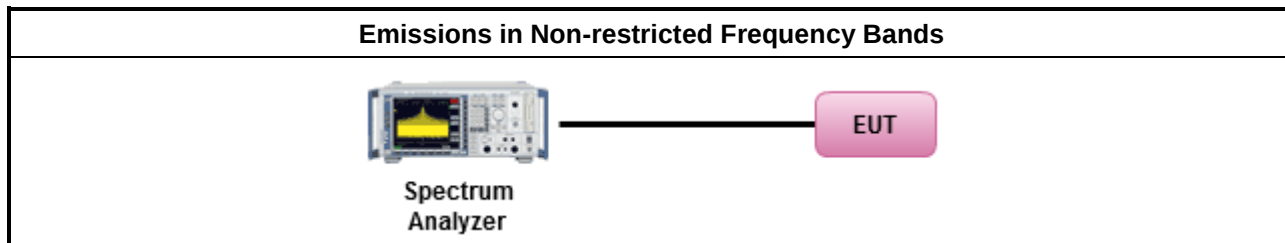
3.5.2 Measuring Instruments

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

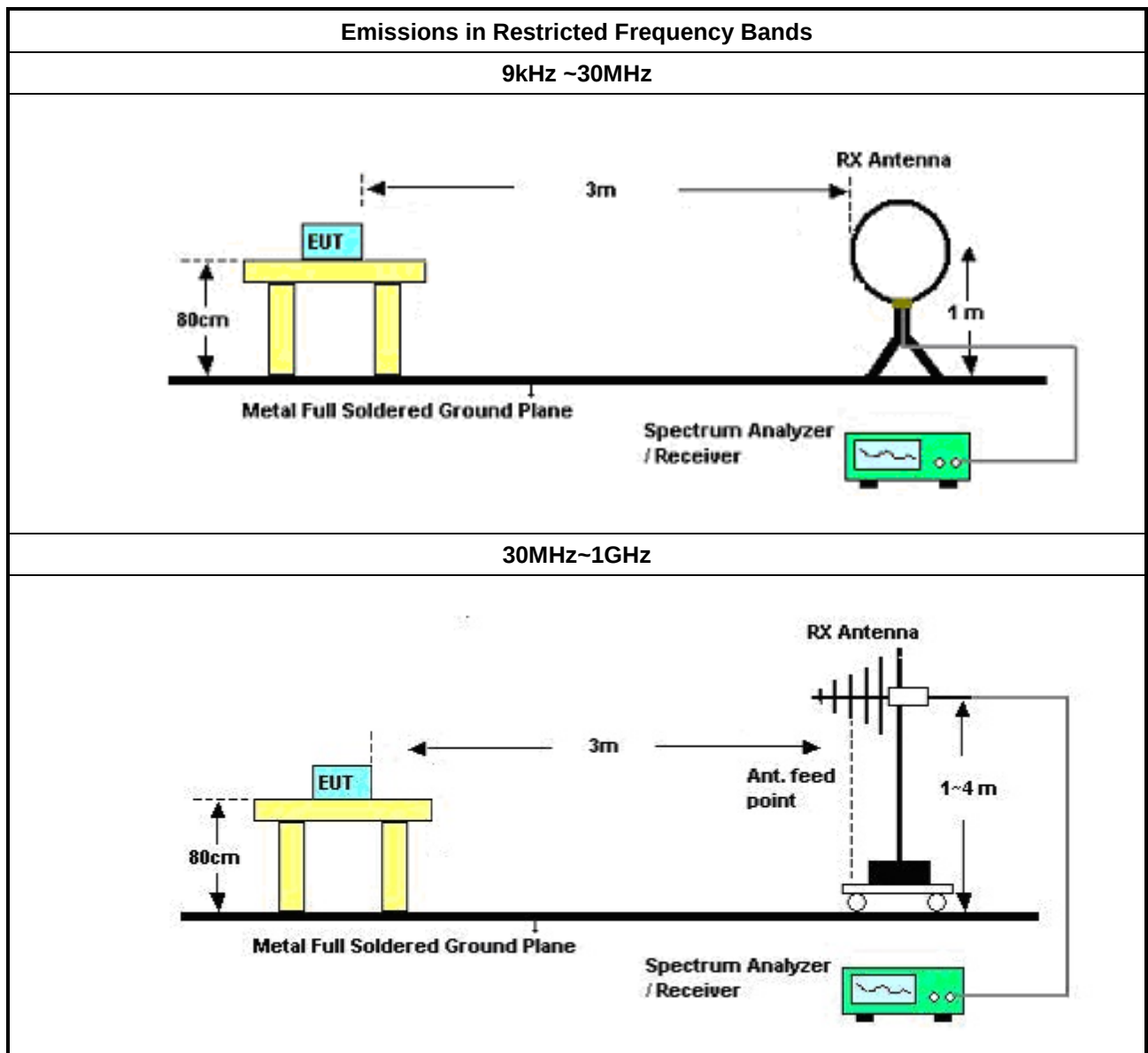
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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.

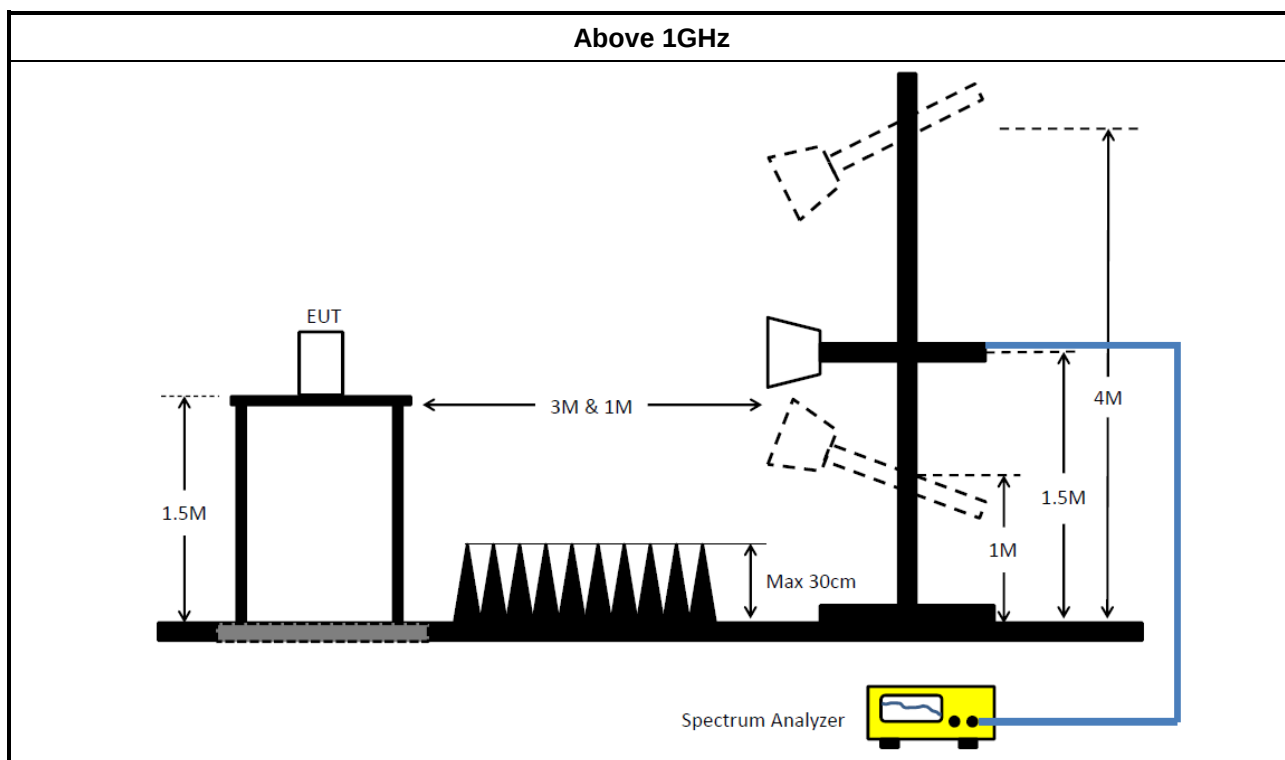
3.6.4 Measurement Results Calculation

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	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15247_DTS	Sporton	V5.11.18	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	07/Aug/2024	06/Aug/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101411	10Hz~44GHz	09/Oct/2024	08/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	21/Oct/2024	20/Oct/2025
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-EMI	Sporton	V5.11.8	NA	NA	NA	NA

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	17/May/2024	16/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
RF CABLE 5+8 m	HUBER+ SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Amplifier	Aglient	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Amplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15247_DTS	Sporton	V5.11.19	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Radio 0

Appendix A.1

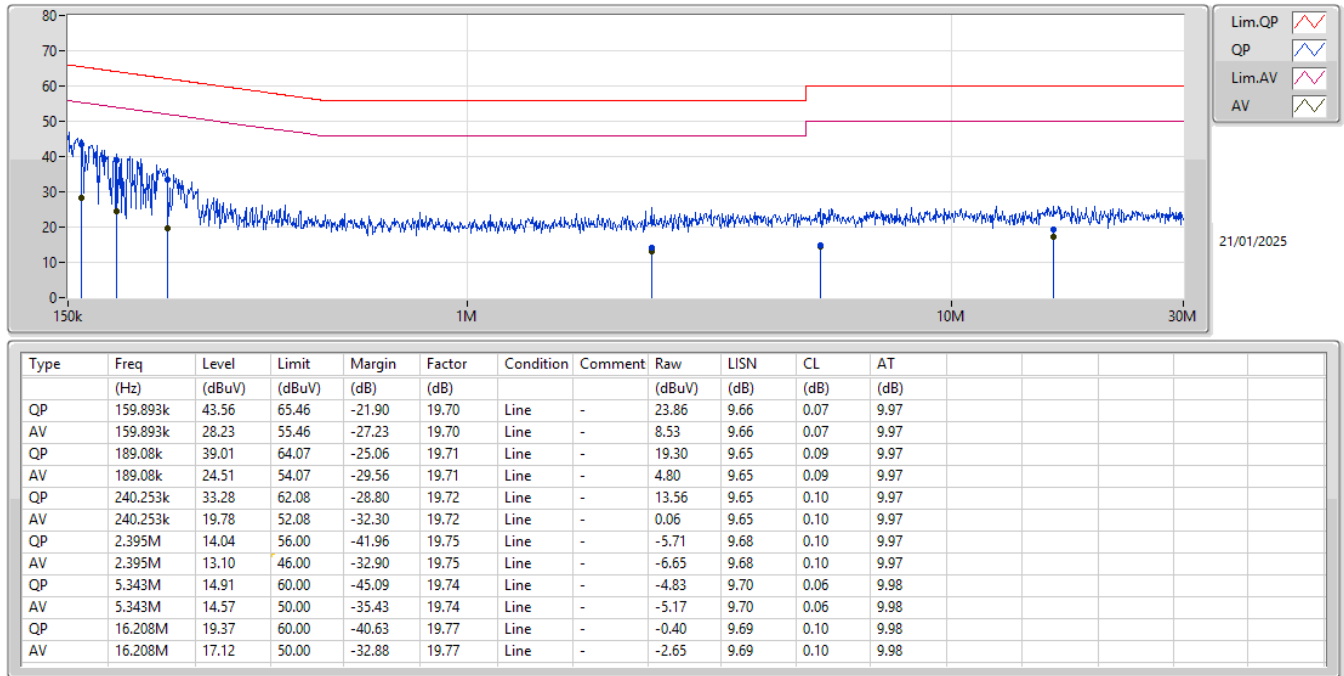
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	161.175k	45.09	65.41	-20.32	Neutral

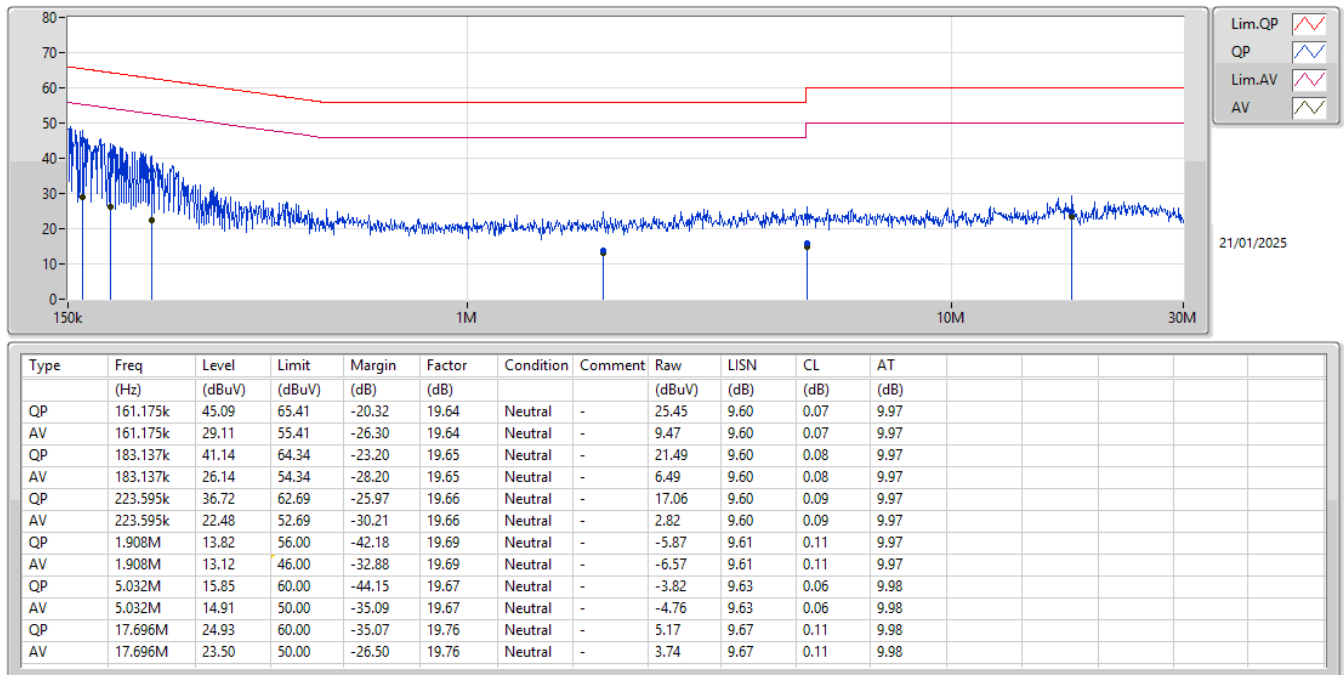
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159.893k	43.56	65.46	-21.90	Line
Mode 1	Pass	AV	159.893k	28.23	55.46	-27.23	Line
Mode 1	Pass	QP	189.08k	39.01	64.07	-25.06	Line
Mode 1	Pass	AV	189.08k	24.51	54.07	-29.56	Line
Mode 1	Pass	QP	240.253k	33.28	62.08	-28.80	Line
Mode 1	Pass	AV	240.253k	19.78	52.08	-32.30	Line
Mode 1	Pass	QP	2.395M	14.04	56.00	-41.96	Line
Mode 1	Pass	AV	2.395M	13.10	46.00	-32.90	Line
Mode 1	Pass	QP	5.343M	14.91	60.00	-45.09	Line
Mode 1	Pass	AV	5.343M	14.57	50.00	-35.43	Line
Mode 1	Pass	QP	16.208M	19.37	60.00	-40.63	Line
Mode 1	Pass	AV	16.208M	17.12	50.00	-32.88	Line
Mode 1	Pass	QP	161.175k	45.09	65.41	-20.32	Neutral
Mode 1	Pass	AV	161.175k	29.11	55.41	-26.30	Neutral
Mode 1	Pass	QP	183.137k	41.14	64.34	-23.20	Neutral
Mode 1	Pass	AV	183.137k	26.14	54.34	-28.20	Neutral
Mode 1	Pass	QP	223.595k	36.72	62.69	-25.97	Neutral
Mode 1	Pass	AV	223.595k	22.48	52.69	-30.21	Neutral
Mode 1	Pass	QP	1.908M	13.82	56.00	-42.18	Neutral
Mode 1	Pass	AV	1.908M	13.12	46.00	-32.88	Neutral
Mode 1	Pass	QP	5.032M	15.85	60.00	-44.15	Neutral
Mode 1	Pass	AV	5.032M	14.91	50.00	-35.09	Neutral
Mode 1	Pass	QP	17.696M	24.93	60.00	-35.07	Neutral
Mode 1	Pass	AV	17.696M	23.50	50.00	-26.50	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Radio 1

Appendix A.2

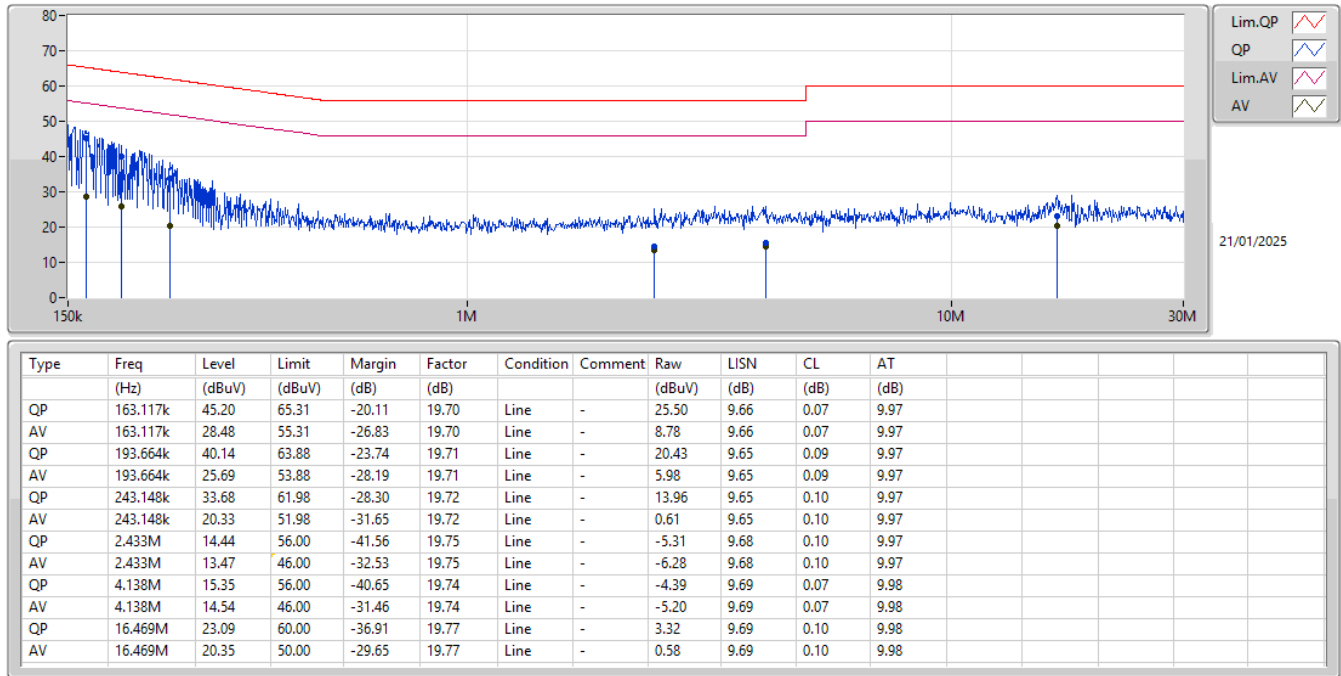
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	46.65	65.83	-19.18	Neutral

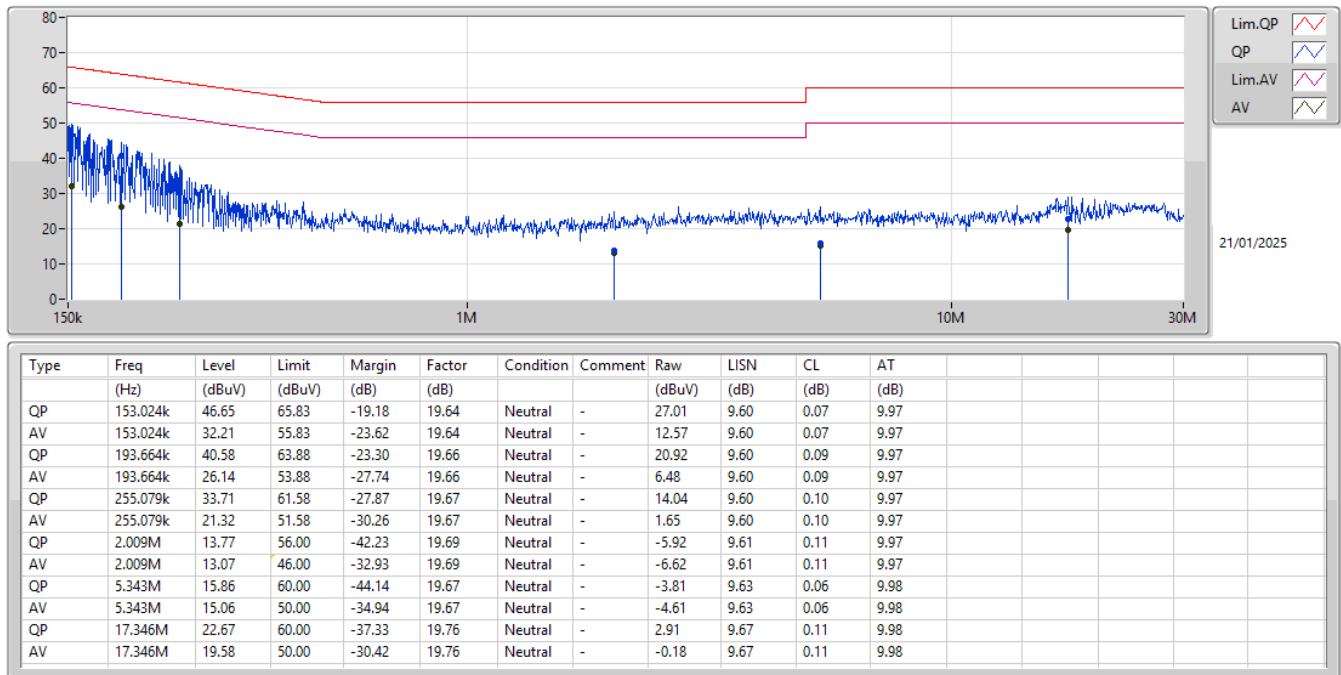
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	163.117k	45.20	65.31	-20.11	Line
Mode 1	Pass	AV	163.117k	28.48	55.31	-26.83	Line
Mode 1	Pass	QP	193.664k	40.14	63.88	-23.74	Line
Mode 1	Pass	AV	193.664k	25.69	53.88	-28.19	Line
Mode 1	Pass	QP	243.148k	33.68	61.98	-28.30	Line
Mode 1	Pass	AV	243.148k	20.33	51.98	-31.65	Line
Mode 1	Pass	QP	2.433M	14.44	56.00	-41.56	Line
Mode 1	Pass	AV	2.433M	13.47	46.00	-32.53	Line
Mode 1	Pass	QP	4.138M	15.35	56.00	-40.65	Line
Mode 1	Pass	AV	4.138M	14.54	46.00	-31.46	Line
Mode 1	Pass	QP	16.469M	23.09	60.00	-36.91	Line
Mode 1	Pass	AV	16.469M	20.35	50.00	-29.65	Line
Mode 1	Pass	QP	153.024k	46.65	65.83	-19.18	Neutral
Mode 1	Pass	AV	153.024k	32.21	55.83	-23.62	Neutral
Mode 1	Pass	QP	193.664k	40.58	63.88	-23.30	Neutral
Mode 1	Pass	AV	193.664k	26.14	53.88	-27.74	Neutral
Mode 1	Pass	QP	255.079k	33.71	61.58	-27.87	Neutral
Mode 1	Pass	AV	255.079k	21.32	51.58	-30.26	Neutral
Mode 1	Pass	QP	2.009M	13.77	56.00	-42.23	Neutral
Mode 1	Pass	AV	2.009M	13.07	46.00	-32.93	Neutral
Mode 1	Pass	QP	5.343M	15.86	60.00	-44.14	Neutral
Mode 1	Pass	AV	5.343M	15.06	50.00	-34.94	Neutral
Mode 1	Pass	QP	17.346M	22.67	60.00	-37.33	Neutral
Mode 1	Pass	AV	17.346M	19.58	50.00	-30.42	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)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.025M	13.146M	13M1G1D	7.05M	13.004M
802.11g_Nss1,(6Mbps)_2TX	16.525M	16.804M	16M8D1D	16.325M	16.539M
802.11be EHT20_Nss1,(MCS0)_2TX	19.175M	19.113M	19M1D1D	19.05M	18.914M
802.11be EHT40_Nss1,(MCS0)_2TX	38.25M	38.215M	38M2D1D	38.05M	37.821M

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	7.05M	13.063M	7.575M	13.004M
2437MHz	Pass	500k	8.025M	13.12M	7.6M	13.146M
2462MHz	Pass	500k	7.55M	13.023M	7.8M	13.005M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.726M	16.5M	16.717M
2437MHz	Pass	500k	16.325M	16.678M	16.35M	16.604M
2462MHz	Pass	500k	16.5M	16.804M	16.525M	16.539M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.175M	18.97M	19.1M	18.914M
2437MHz	Pass	500k	19.1M	19.113M	19.125M	19.101M
2462MHz	Pass	500k	19.1M	18.988M	19.05M	18.972M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	38.15M	38.215M	38.15M	37.971M
2437MHz	Pass	500k	38.1M	38.05M	38.25M	38.021M
2452MHz	Pass	500k	38.05M	37.827M	38.2M	37.821M

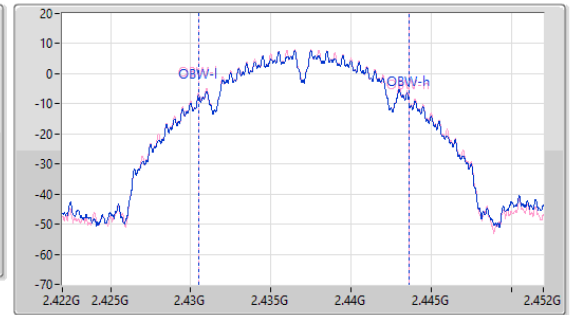
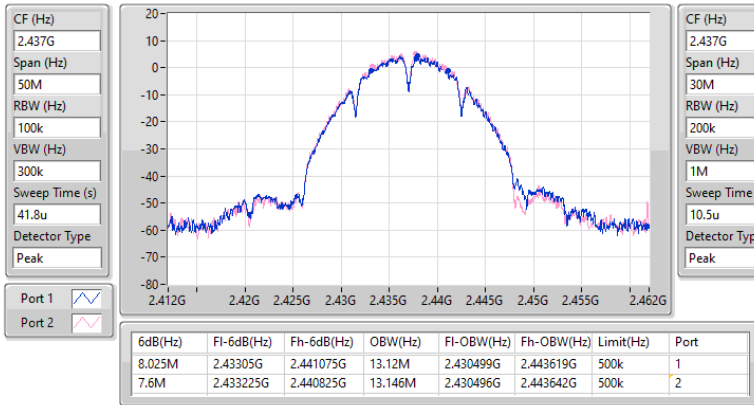
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2437MHz

15/01/2025

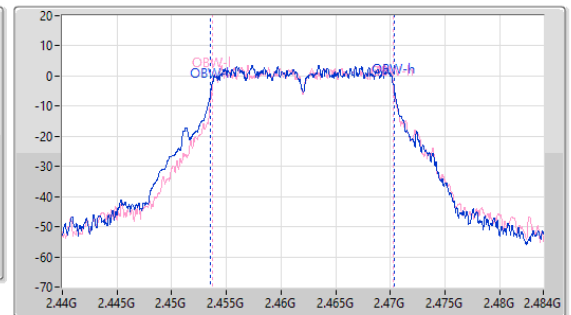
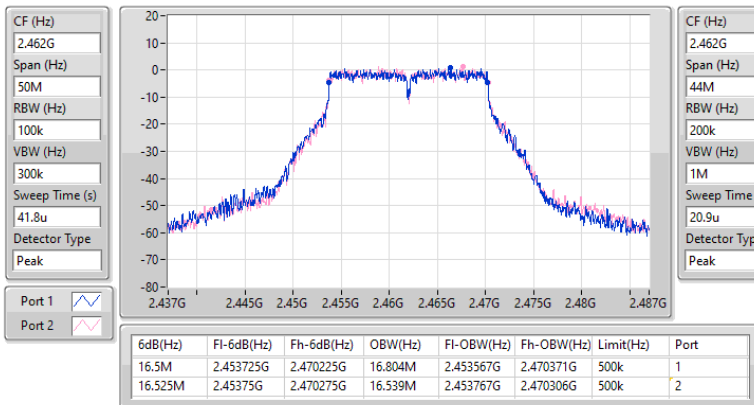


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

15/01/2025

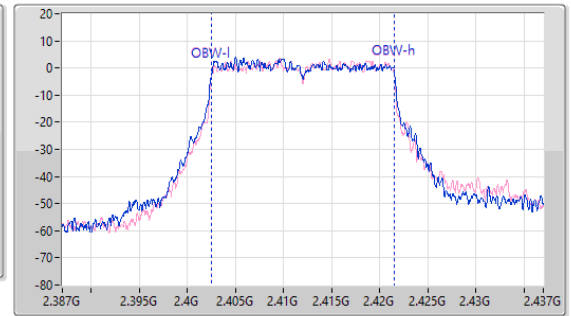
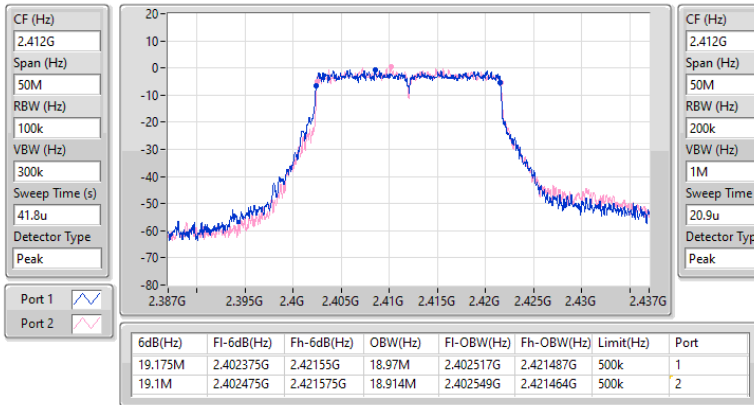


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

15/01/2025

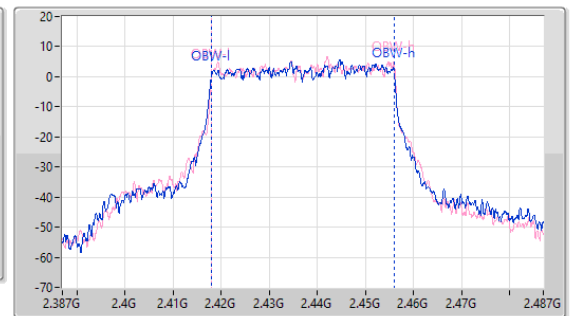
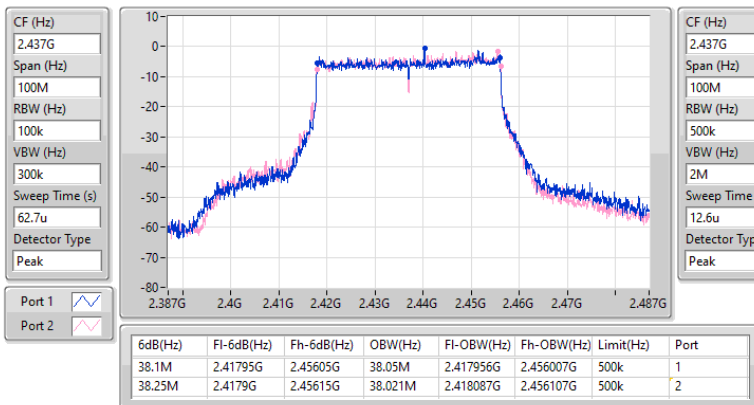


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

15/01/2025



**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	8.15M	13.213M	13M2G1D	6.55M	12.909M
802.11g_Nss1,(6Mbps)_2TX	16.025M	16.621M	16M6D1D	13.8M	16.411M
802.11be EHT20_Nss1,(MCS0)_2TX	19.025M	19.075M	19M1D1D	11.7M	18.731M
802.11be EHT40_Nss1,(MCS0)_2TX	38M	38.004M	38M0D1D	27.25M	37.358M

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	7.725M	12.961M	6.55M	12.981M
2437MHz	Pass	500k	8.025M	13.193M	7.1M	13.213M
2462MHz	Pass	500k	8.15M	13.028M	8.1M	12.909M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.8M	16.441M	15.3M	16.498M
2437MHz	Pass	500k	15.775M	16.536M	14.8M	16.411M
2462MHz	Pass	500k	16.025M	16.621M	15.625M	16.557M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.7M	18.731M	11.7M	18.912M
2437MHz	Pass	500k	17.2M	18.811M	16.45M	18.808M
2462MHz	Pass	500k	18.575M	18.889M	19.025M	19.075M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	29.6M	37.358M	35.85M	37.57M
2437MHz	Pass	500k	29.15M	37.729M	30.1M	37.695M
2452MHz	Pass	500k	27.25M	37.772M	38M	38.004M

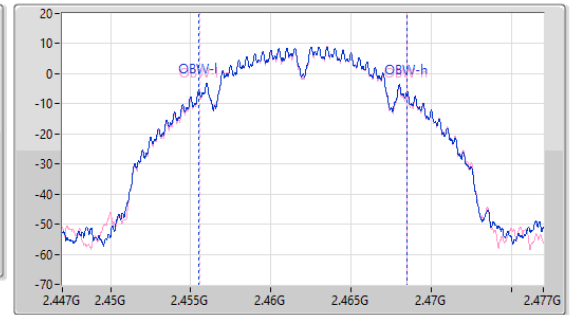
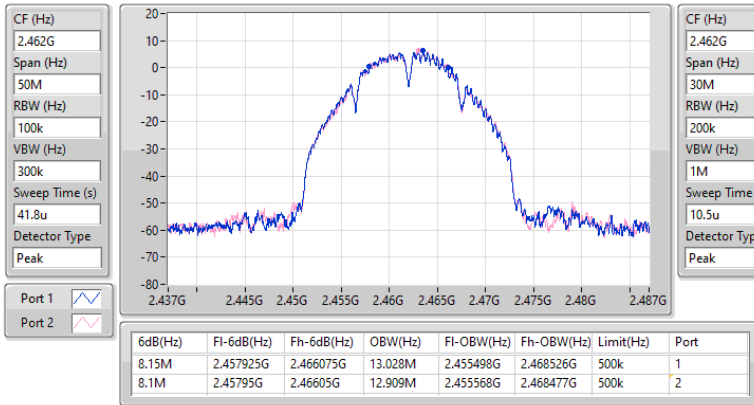
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

15/01/2025

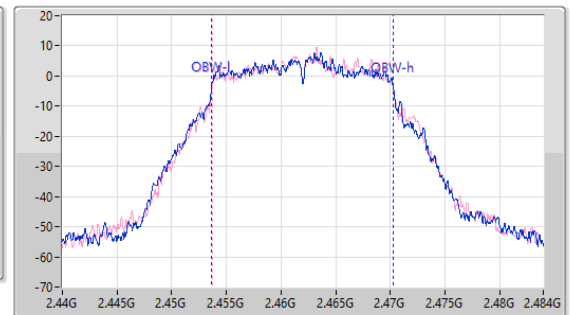
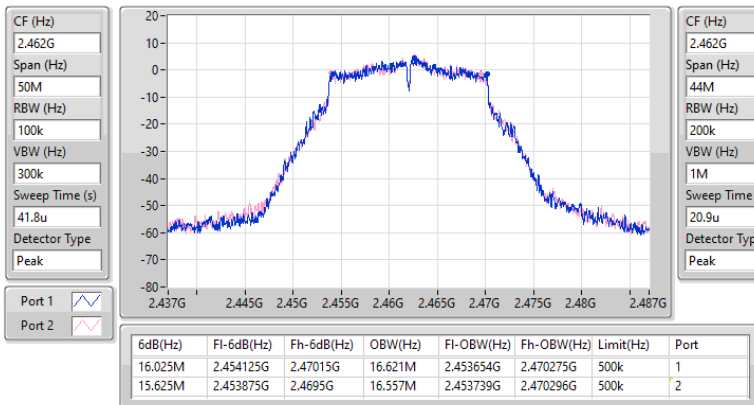


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

15/01/2025

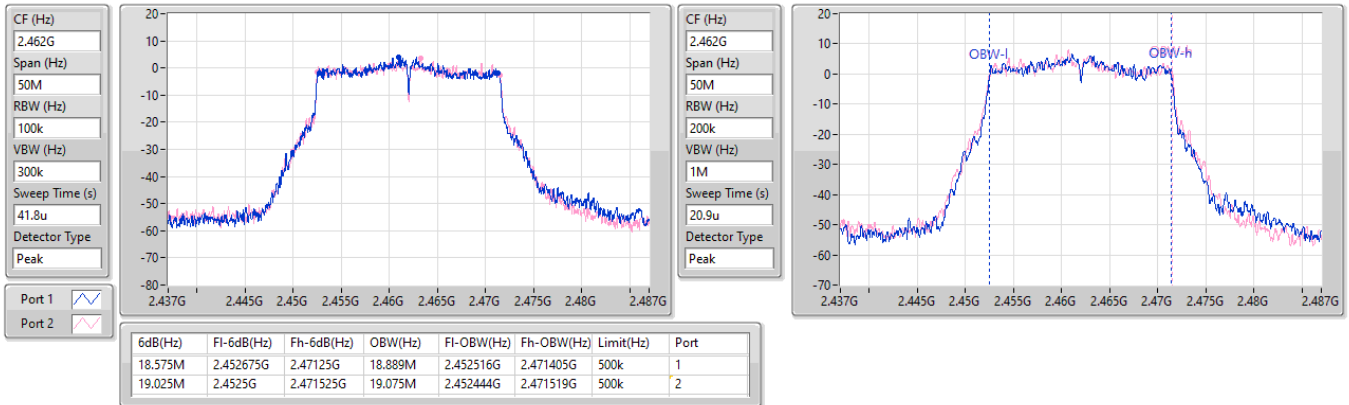


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

15/01/2025

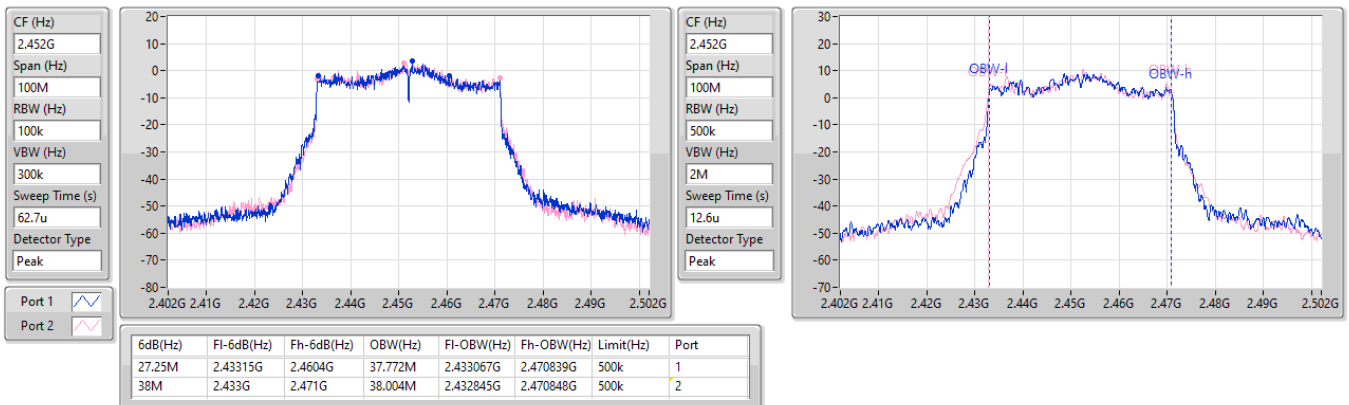


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

15/01/2025





Average Power_Non-Beamforming_Radio 0

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	19.06	0.08054
802.11g_Nss1,(6Mbps)_2TX	18.24	0.06668
802.11be EHT20_Nss1,(MCS0)_2TX	18.21	0.06622
802.11be EHT40_Nss1,(MCS0)_2TX	18.41	0.06934

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.51	15.82	15.55	18.70	30.00
2437MHz	Pass	4.51	15.79	15.96	18.89	30.00
2462MHz	Pass	4.51	15.95	16.15	19.06	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.51	15.04	15.38	18.22	30.00
2437MHz	Pass	4.51	15.08	15.32	18.21	30.00
2462MHz	Pass	4.51	15.15	15.31	18.24	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.51	14.88	15.21	18.06	30.00
2437MHz	Pass	4.51	15.01	15.21	18.12	30.00
2462MHz	Pass	4.51	15.13	15.26	18.21	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.51	15.05	15.18	18.13	30.00
2437MHz	Pass	4.51	15.30	15.50	18.41	30.00
2452MHz	Pass	4.51	14.97	15.29	18.14	30.00

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



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	20.49	0.11194
802.11g_Nss1,(6Mbps)_2TX	20.23	0.10544
802.11be EHT20_Nss1,(MCS0)_2TX	20.43	0.11041
802.11be EHT40_Nss1,(MCS0)_2TX	20.76	0.11912



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.09	17.47	17.47	20.48	30.00
2437MHz	Pass	3.09	17.43	17.53	20.49	30.00
2462MHz	Pass	3.09	17.40	17.15	20.29	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.09	17.17	17.08	20.14	30.00
2437MHz	Pass	3.09	17.22	17.21	20.23	30.00
2462MHz	Pass	3.09	17.06	17.00	20.04	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.09	17.29	17.22	20.27	30.00
2437MHz	Pass	3.09	17.41	17.43	20.43	30.00
2462MHz	Pass	3.09	16.85	16.69	19.78	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.09	17.20	17.15	20.19	30.00
2437MHz	Pass	3.09	17.71	17.78	20.76	30.00
2452MHz	Pass	3.09	17.52	17.68	20.61	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	18.21	0.06622
802.11be EHT40-BF_Nss1,(MCS0)_2TX	18.41	0.06934

**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	5.90	14.88	15.21	18.06	30.00
2437MHz	Pass	5.90	15.01	15.21	18.12	30.00
2462MHz	Pass	5.90	15.13	15.26	18.21	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.90	15.05	15.18	18.13	30.00
2437MHz	Pass	5.90	15.3	15.5	18.41	30.00
2452MHz	Pass	5.90	14.97	15.29	18.14	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	20.43	0.11041
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.76	0.11912

**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	5.24	17.29	17.22	20.27	30.00
2437MHz	Pass	5.24	17.41	17.43	20.43	30.00
2462MHz	Pass	5.24	16.85	16.69	19.78	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.24	17.2	17.15	20.19	30.00
2437MHz	Pass	5.24	17.71	17.78	20.76	30.00
2452MHz	Pass	5.24	17.52	17.68	20.61	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)_2TX	-5.45
802.11g_Nss1,(6Mbps)_2TX	-9.24
802.11be EHT20_Nss1,(MCS0)_2TX	-10.67
802.11be EHT40_Nss1,(MCS0)_2TX	-11.67

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	5.90	-8.76	-8.39	-5.59	8.00
2437MHz	Pass	5.90	-8.44	-6.60	-5.45	8.00
2462MHz	Pass	5.90	-12.03	-11.73	-8.87	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.90	-11.57	-13.33	-10.85	8.00
2437MHz	Pass	5.90	-12.13	-12.85	-10.47	8.00
2462MHz	Pass	5.90	-11.86	-11.74	-9.24	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.90	-12.02	-13.34	-11.64	8.00
2437MHz	Pass	5.90	-11.85	-13.25	-10.67	8.00
2462MHz	Pass	5.90	-12.53	-12.57	-11.23	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.90	-12.15	-14.86	-11.92	8.00
2437MHz	Pass	5.90	-11.87	-13.74	-11.67	8.00
2452MHz	Pass	5.90	-12.01	-14.51	-11.69	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

2437MHz

15/01/2025

CF (Hz)
2.437G

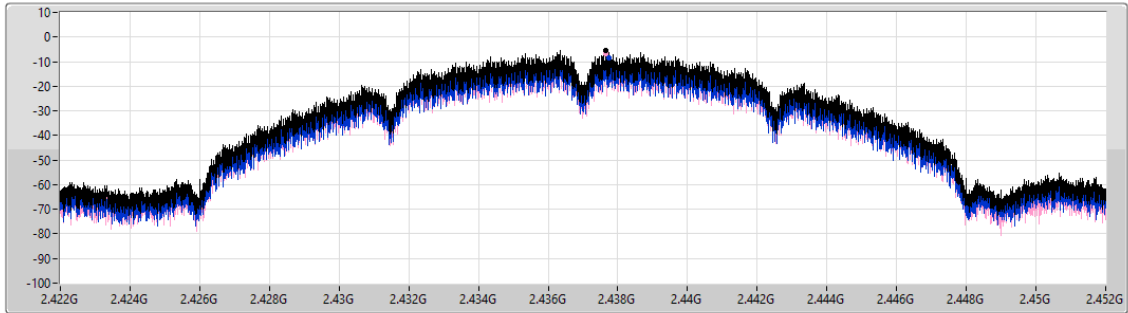
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.45	-5.45	-8.44	-6.60

Sum ☒

Port 1 ☐

Port 2 ☐

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

PSD

2462MHz

15/01/2025

CF (Hz)
2.462G

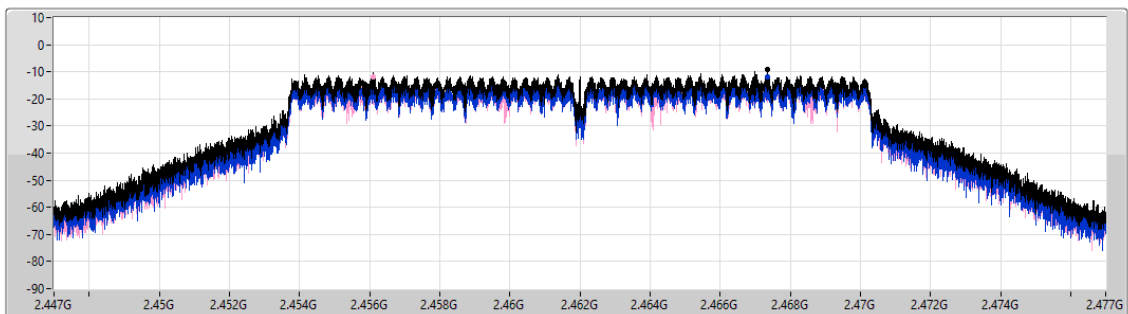
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-9.24	-9.24	-11.86	-11.74

Sum ☒

Port 1 ☐

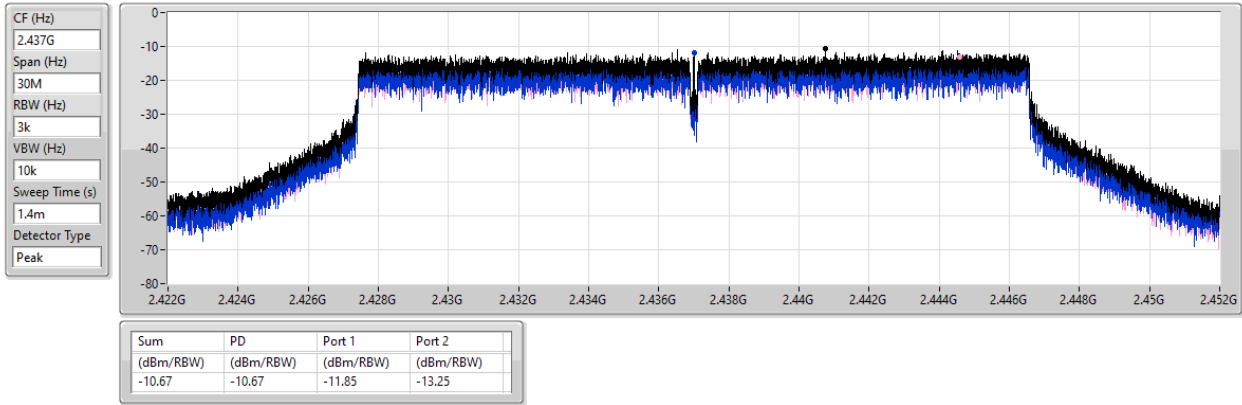
Port 2 ☐

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

PSD

2437MHz

15/01/2025

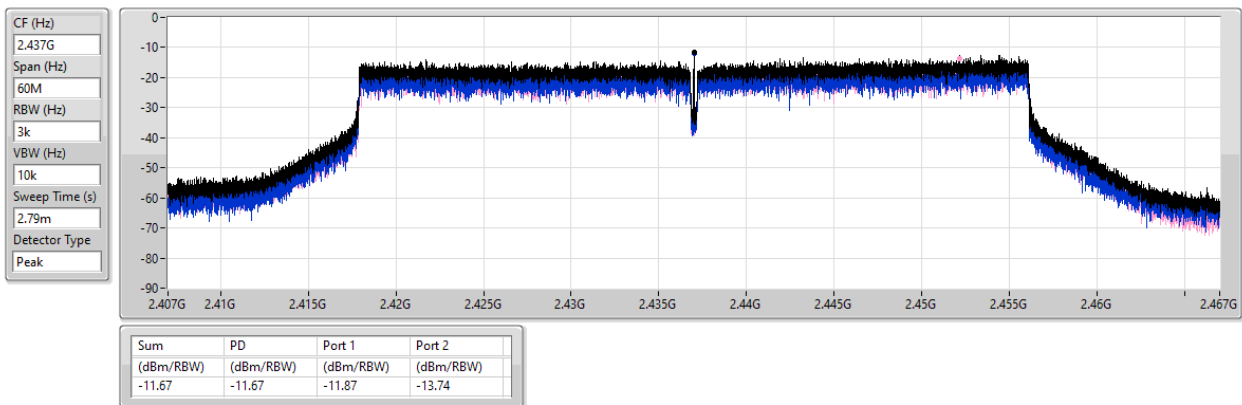


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

15/01/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-5.32
802.11g_Nss1,(6Mbps)_2TX	-6.15
802.11be EHT20_Nss1,(MCS0)_2TX	-5.64
802.11be EHT40_Nss1,(MCS0)_2TX	-7.93

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	5.24	-10.22	-10.12	-7.17	8.00
2437MHz	Pass	5.24	-10.16	-6.13	-5.32	8.00
2462MHz	Pass	5.24	-10.64	-10.95	-7.79	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.24	-8.77	-8.92	-6.56	8.00
2437MHz	Pass	5.24	-7.82	-8.78	-6.15	8.00
2462MHz	Pass	5.24	-9.67	-8.15	-6.46	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.24	-7.97	-7.37	-5.91	8.00
2437MHz	Pass	5.24	-8.31	-7.26	-5.64	8.00
2462MHz	Pass	5.24	-7.75	-9.79	-6.03	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.24	-9.84	-10.71	-8.37	8.00
2437MHz	Pass	5.24	-10.04	-9.81	-7.93	8.00
2452MHz	Pass	5.24	-10.69	-10.41	-8.78	8.00

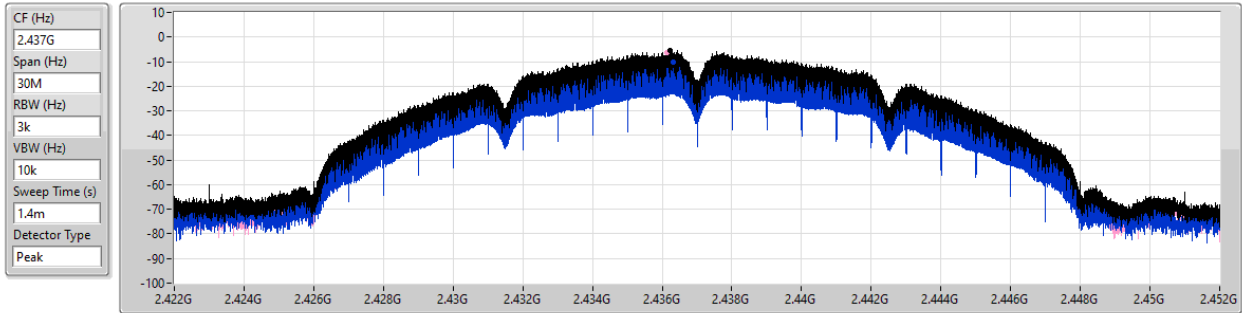
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

15/01/2025



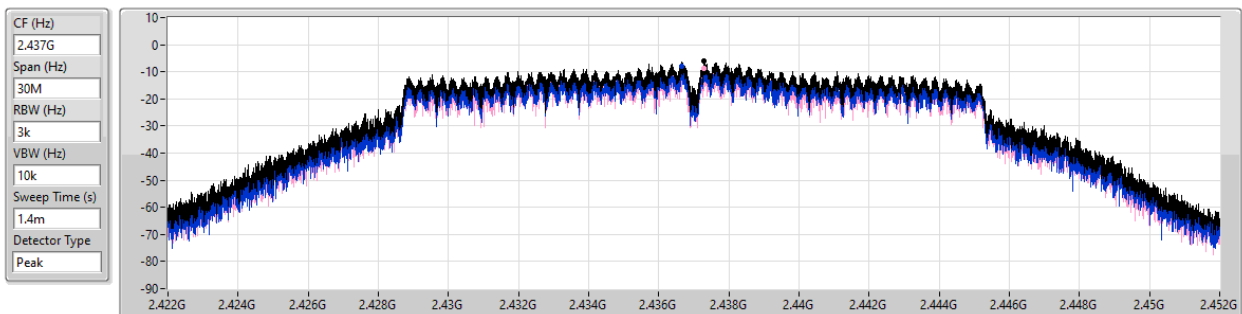
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.32	-5.32	-10.16	-6.13

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

PSD

2437MHz

15/01/2025



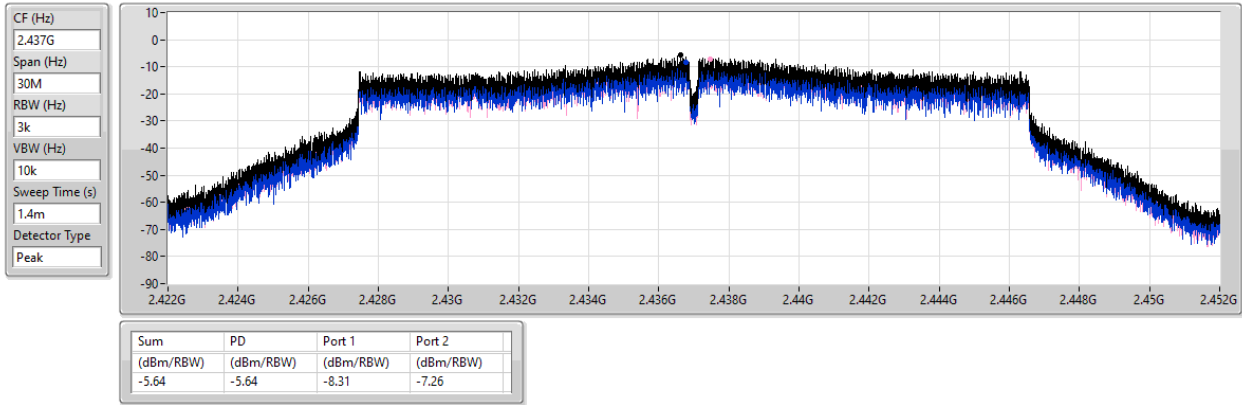
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.15	-6.15	-7.82	-8.78

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

PSD

2437MHz

15/01/2025

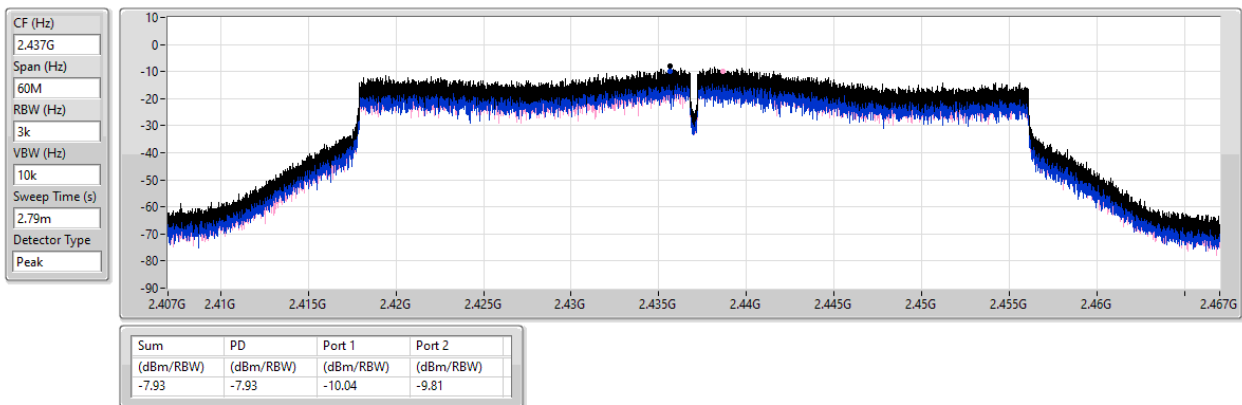


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

15/01/2025





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	2.46263G	7.29	-22.71	2.1771G	-55.50	2.39992G	-45.42	2.4G	-45.41	2.50206G	-51.21	21.94601G	-41.31	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.45695G	3.46	-26.54	2.1969G	-55.52	2.4G	-29.20	2.4G	-29.10	2.50054G	-52.45	21.95724G	-41.68	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.46947G	4.12	-25.88	2.07108G	-55.45	2.3996G	-29.17	2.4G	-29.61	2.50766G	-52.26	21.84205G	-41.97	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.45444G	2.27	-27.73	1.77727G	-55.76	2.39968G	-31.78	2.4G	-29.78	2.50254G	-54.57	21.89535G	-41.39	1

Result

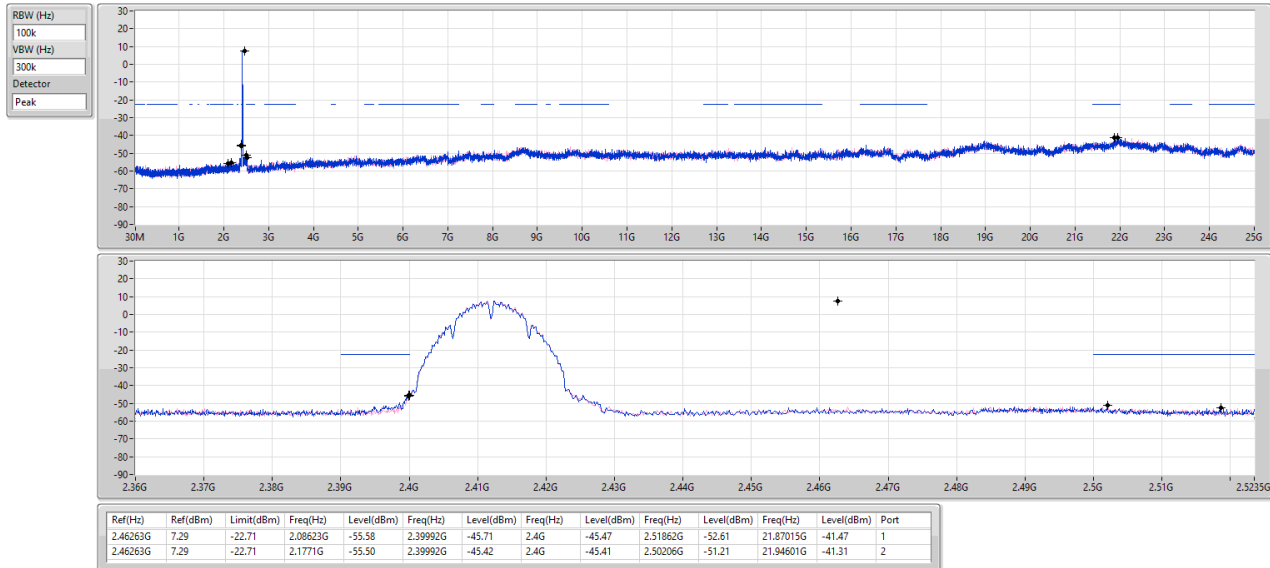
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46263G	7.29	-22.71	2.08623G	-55.58	2.39992G	-45.71	2.4G	-45.47	2.51862G	-52.61	21.87015G	-41.47	1
2412MHz	Pass	2.46263G	7.29	-22.71	2.1771G	-55.50	2.39992G	-45.42	2.4G	-45.41	2.50206G	-51.21	21.94601G	-41.31	2
2437MHz	Pass	2.46263G	7.29	-22.71	2.13516G	-54.88	2.39984G	-51.93	2.4G	-55.33	2.50086G	-52.16	21.89824G	-41.67	1
2437MHz	Pass	2.46263G	7.29	-22.71	2.14797G	-55.46	2.39736G	-51.94	2.4G	-55.73	2.50246G	-52.62	21.98815G	-41.14	2
2462MHz	Pass	2.46263G	7.29	-22.71	2.09671G	-56.06	2.39496G	-52.76	2.4G	-57.18	2.50174G	-51.76	21.96567G	-41.82	1
2462MHz	Pass	2.46263G	7.29	-22.71	2.09671G	-55.66	2.39944G	-53.40	2.4G	-56.97	2.50558G	-52.25	21.99939G	-40.55	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.45695G	3.46	-26.54	2.1969G	-55.52	2.4G	-29.20	2.4G	-29.10	2.50054G	-52.45	21.95724G	-41.68	1
2412MHz	Pass	2.45695G	3.46	-26.54	2.07458G	-54.68	2.39992G	-31.25	2.4G	-29.31	2.5047G	-52.01	21.89824G	-41.85	2
2437MHz	Pass	2.45695G	3.46	-26.54	2.14331G	-55.23	2.3968G	-52.03	2.4G	-54.79	2.5011G	-51.72	21.99096G	-40.67	1
2437MHz	Pass	2.45695G	3.46	-26.54	2.06526G	-54.89	2.39808G	-52.80	2.4G	-56.26	2.50078G	-51.28	21.97129G	-41.85	2
2462MHz	Pass	2.45695G	3.46	-26.54	2.17011G	-55.68	2.39672G	-53.66	2.4G	-55.05	2.50326G	-52.40	22.00501G	-41.69	1
2462MHz	Pass	2.45695G	3.46	-26.54	2.05943G	-55.58	2.39824G	-53.08	2.4G	-56.98	2.5023G	-52.25	21.91791G	-40.79	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46947G	4.12	-25.88	2.0606G	-55.76	2.4G	-30.21	2.4G	-30.10	2.50086G	-52.06	21.93196G	-41.57	1
2412MHz	Pass	2.46947G	4.12	-25.88	2.07108G	-55.45	2.3996G	-29.17	2.4G	-29.61	2.50766G	-52.26	21.84205G	-41.97	2
2437MHz	Pass	2.46947G	4.12	-25.88	2.12001G	-55.57	2.3968G	-50.63	2.4G	-54.63	2.50078G	-51.51	21.95724G	-41.18	1
2437MHz	Pass	2.46947G	4.12	-25.88	2.16778G	-56.30	2.39776G	-53.22	2.4G	-53.58	2.50214G	-51.44	21.91791G	-41.32	2
2462MHz	Pass	2.46947G	4.12	-25.88	1.9208G	-54.48	2.39976G	-52.76	2.4G	-57.16	2.50222G	-52.00	21.93758G	-41.93	1
2462MHz	Pass	2.46947G	4.12	-25.88	77.77M	-56.58	2.39456G	-52.37	2.4G	-55.89	2.51454G	-52.05	21.85048G	-41.60	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45444G	2.27	-27.73	1.77727G	-55.76	2.39968G	-31.78	2.4G	-29.78	2.50254G	-54.57	21.89535G	-41.39	1
2422MHz	Pass	2.45444G	2.27	-27.73	2.1494G	-55.31	2.4G	-30.13	2.4G	-30.49	2.50142G	-53.80	21.9907G	-40.28	2
2437MHz	Pass	2.45444G	2.27	-27.73	1.8517G	-54.90	2.39952G	-44.00	2.4G	-42.35	2.50142G	-53.32	21.91218G	-40.54	1
2437MHz	Pass	2.45444G	2.27	-27.73	2.1036G	-55.81	2.39952G	-43.36	2.4G	-41.81	2.50318G	-52.67	21.9851G	-41.59	2
2452MHz	Pass	2.45444G	2.27	-27.73	2.1368G	-55.93	2.39984G	-50.56	2.4G	-51.07	2.5003G	-51.82	21.90657G	-42.03	1
2452MHz	Pass	2.45444G	2.27	-27.73	2.18833G	-53.60	2.4G	-51.60	2.4G	-53.18	2.50046G	-49.08	21.95425G	-40.04	2

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

CSEndB

2412MHz

15/01/2025

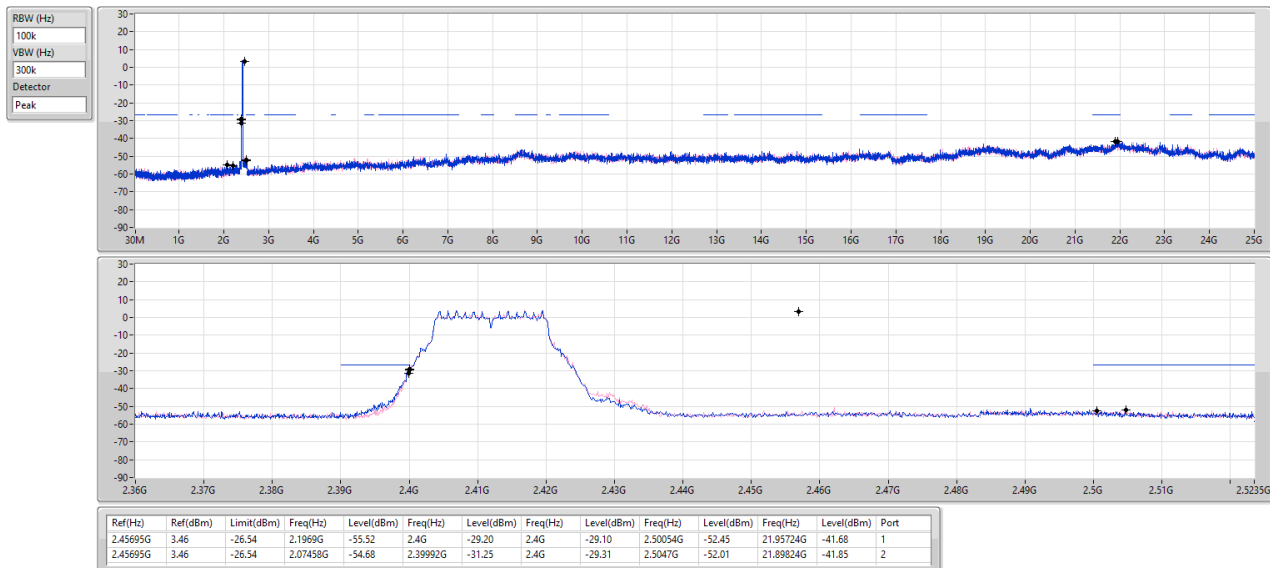


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

15/01/2025

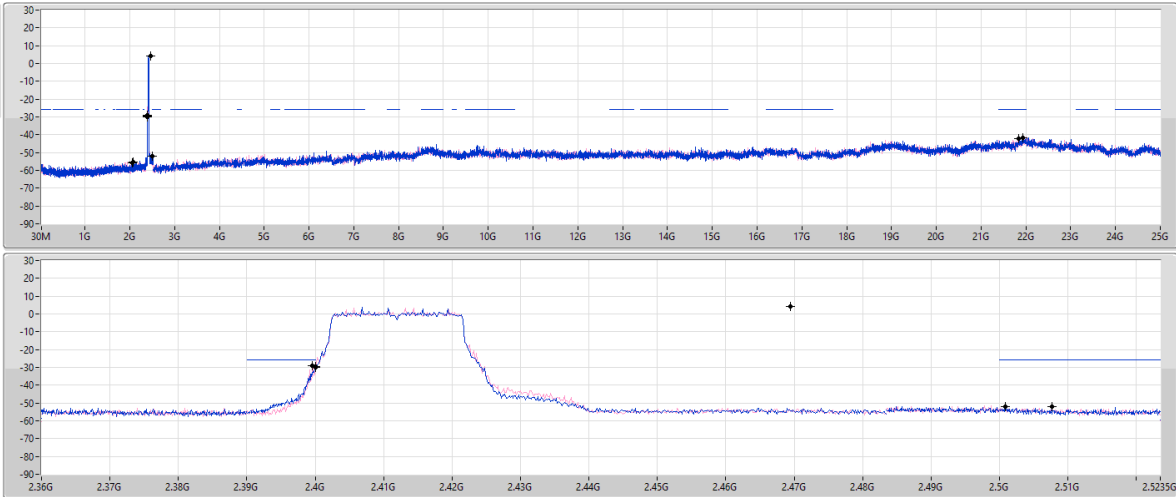


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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



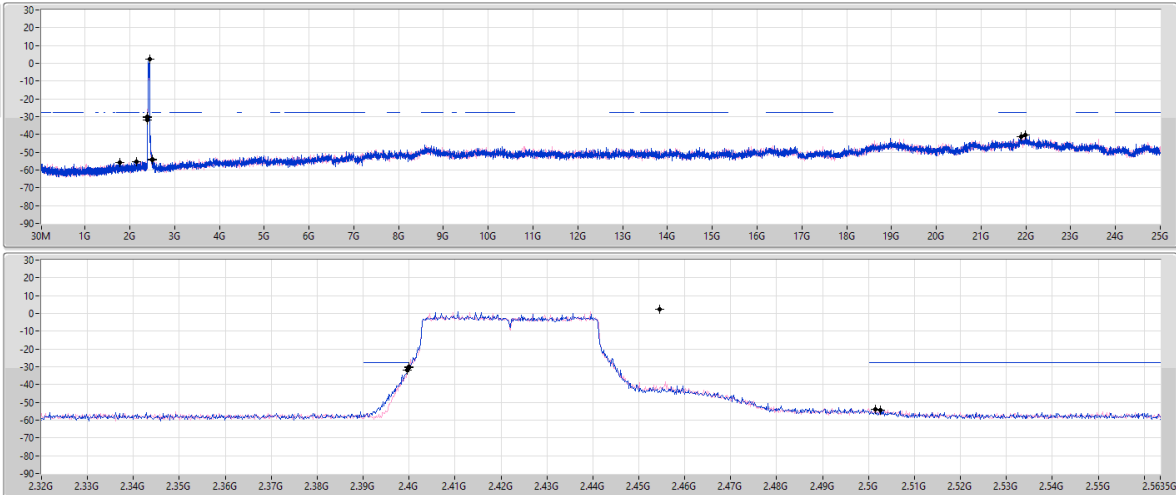
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46947G	4.12	-25.88	2.0606G	-55.76	2.4G	-30.21	2.4G	-30.10	2.50086G	-52.06	2.193196G	-41.57	1
2.46947G	4.12	-25.88	2.07108G	-55.45	2.3996G	-29.17	2.4G	-29.61	2.50766G	-52.26	2.184205G	-41.97	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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
2.45444G	2.27	-27.73	1.77727G	-55.76	2.39968G	-31.78	2.4G	-29.78	2.50254G	-54.57	2.189335G	-41.39	1
2.45444G	2.27	-27.73	2.1494G	-55.31	2.4G	-30.13	2.4G	-30.49	2.50142G	-53.80	2.19907G	-40.28	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43758G	7.95	-22.05	2.16778G	-55.51	2.39992G	-49.57	2.4G	-45.78	2.50422G	-53.45	21.96567G	-41.14	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	8.17	-21.83	33.5M	-55.76	2.39992G	-28.03	2.4G	-26.23	2.50262G	-53.27	21.99377G	-40.98	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43574G	6.76	-23.24	2.30874G	-55.88	2.39992G	-26.91	2.4G	-26.54	2.52198G	-52.88	21.42905G	-41.46	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.44192G	4.25	-25.75	2.14596G	-55.37	2.39984G	-29.43	2.4G	-28.80	2.52782G	-55.55	21.89254G	-41.33	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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43758G	7.95	-22.05	2.18525G	-55.59	2.3996G	-46.34	2.4G	-52.42	2.51286G	-52.80	21.87858G	-41.19	1
2412MHz	Pass	2.43758G	7.95	-22.05	2.16778G	-55.51	2.39992G	-49.57	2.4G	-45.78	2.50422G	-53.45	21.96567G	-41.14	2
2437MHz	Pass	2.43758G	7.95	-22.05	2.1771G	-55.14	2.39976G	-53.15	2.4G	-54.96	2.51022G	-52.92	21.78586G	-40.94	1
2437MHz	Pass	2.43758G	7.95	-22.05	2.07341G	-55.53	2.4G	-52.93	2.4G	-56.49	2.50422G	-52.67	21.95724G	-41.56	2
2462MHz	Pass	2.43758G	7.95	-22.05	2.17477G	-55.46	2.3924G	-53.07	2.4G	-53.31	2.5007G	-52.75	21.93758G	-41.74	1
2462MHz	Pass	2.43758G	7.95	-22.05	2.16079G	-55.51	2.39384G	-53.42	2.4G	-57.73	2.51918G	-53.10	21.91229G	-41.16	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.17	-21.83	33.5M	-55.76	2.39992G	-28.03	2.4G	-26.23	2.50262G	-53.27	21.99377G	-40.98	1
2412MHz	Pass	2.43824G	8.17	-21.83	2.08157G	-54.59	2.39992G	-30.32	2.4G	-27.86	2.52238G	-52.83	21.98534G	-39.86	2
2437MHz	Pass	2.43824G	8.17	-21.83	2.10603G	-55.04	2.4G	-50.36	2.4G	-51.56	2.50494G	-52.24	21.99658G	-41.42	1
2437MHz	Pass	2.43824G	8.17	-21.83	1.79847G	-54.40	2.4G	-53.16	2.4G	-54.02	2.50254G	-53.02	21.89543G	-41.95	2
2462MHz	Pass	2.43824G	8.17	-21.83	2.16428G	-55.65	2.4G	-49.11	2.4G	-49.87	2.5151G	-52.74	21.97129G	-40.77	1
2462MHz	Pass	2.43824G	8.17	-21.83	2.30408G	-55.79	2.39408G	-52.90	2.4G	-55.33	2.51198G	-52.37	21.84767G	-41.53	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	6.76	-23.24	2.30874G	-55.88	2.39992G	-26.91	2.4G	-26.54	2.52198G	-52.88	21.42905G	-41.46	1
2412MHz	Pass	2.43574G	6.76	-23.24	2.12001G	-55.72	2.39952G	-27.59	2.4G	-29.52	2.51326G	-53.12	21.98253G	-41.75	2
2437MHz	Pass	2.43574G	6.76	-23.24	2.00351G	-55.45	2.4G	-51.15	2.4G	-51.24	2.51046G	-52.21	21.90386G	-42.19	1
2437MHz	Pass	2.43574G	6.76	-23.24	2.11768G	-55.36	2.4G	-52.95	2.4G	-55.66	2.52326G	-52.41	21.95443G	-42.00	2
2462MHz	Pass	2.43574G	6.76	-23.24	2.19457G	-55.96	2.4G	-50.52	2.4G	-50.98	2.5023G	-52.14	21.9432G	-41.48	1
2462MHz	Pass	2.43574G	6.76	-23.24	2.14448G	-55.28	2.4G	-52.98	2.4G	-54.74	2.50014G	-51.97	21.86172G	-41.09	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44192G	4.25	-25.75	2.14596G	-55.37	2.39984G	-29.43	2.4G	-28.80	2.52782G	-55.55	21.89254G	-41.33	1
2422MHz	Pass	2.44192G	4.25	-25.75	2.11734G	-54.81	2.4G	-29.97	2.4G	-29.84	2.50446G	-55.12	21.85889G	-41.80	2
2437MHz	Pass	2.44192G	4.25	-25.75	2.07268G	-55.45	2.4G	-48.91	2.4G	-48.82	2.50238G	-53.80	21.97668G	-41.92	1
2437MHz	Pass	2.44192G	4.25	-25.75	2.10818G	-55.69	2.39968G	-49.54	2.4G	-49.47	2.5011G	-54.58	21.95425G	-40.01	2
2452MHz	Pass	2.44192G	4.25	-25.75	2.11276G	-54.36	2.4G	-51.85	2.4G	-51.57	2.50302G	-52.88	21.89535G	-41.66	1
2452MHz	Pass	2.44192G	4.25	-25.75	2.1139G	-54.62	2.4G	-54.61	2.4G	-53.45	2.5011G	-52.75	21.99912G	-41.83	2

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

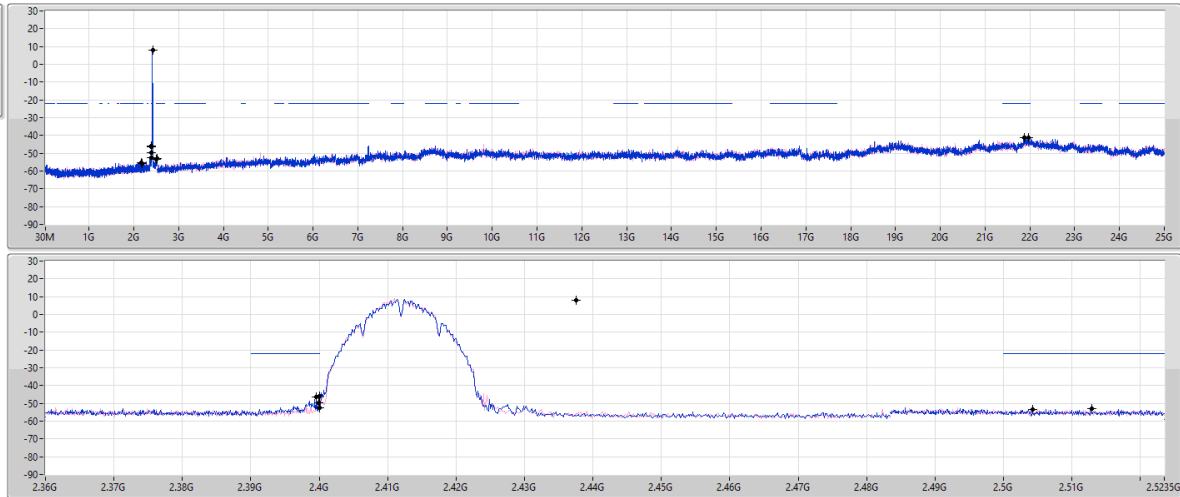
CSEndB

2412MHz

15/01/2025

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

Port 1
Port 2



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

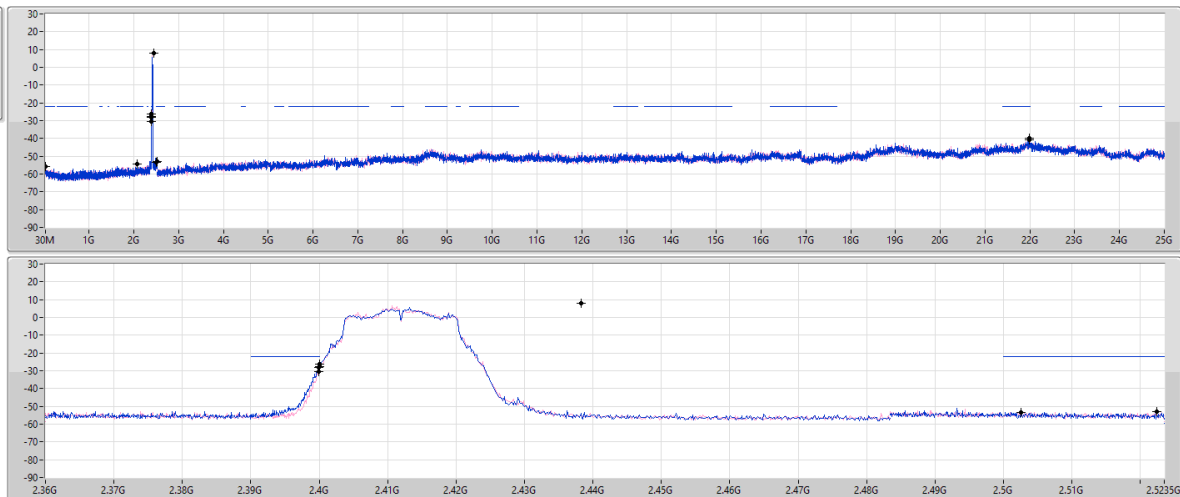
CSEndB

2412MHz

15/01/2025

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

Port 1
Port 2

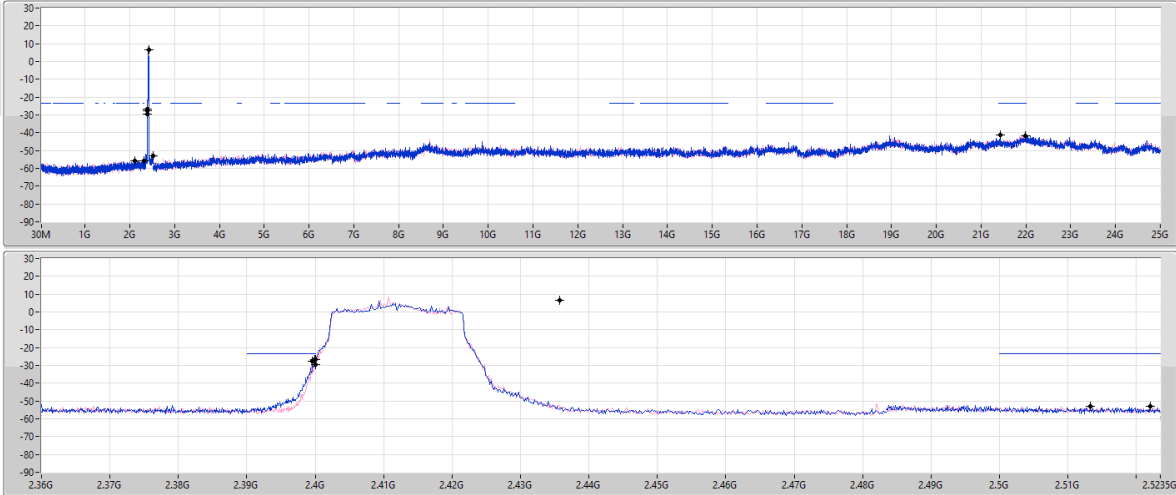


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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



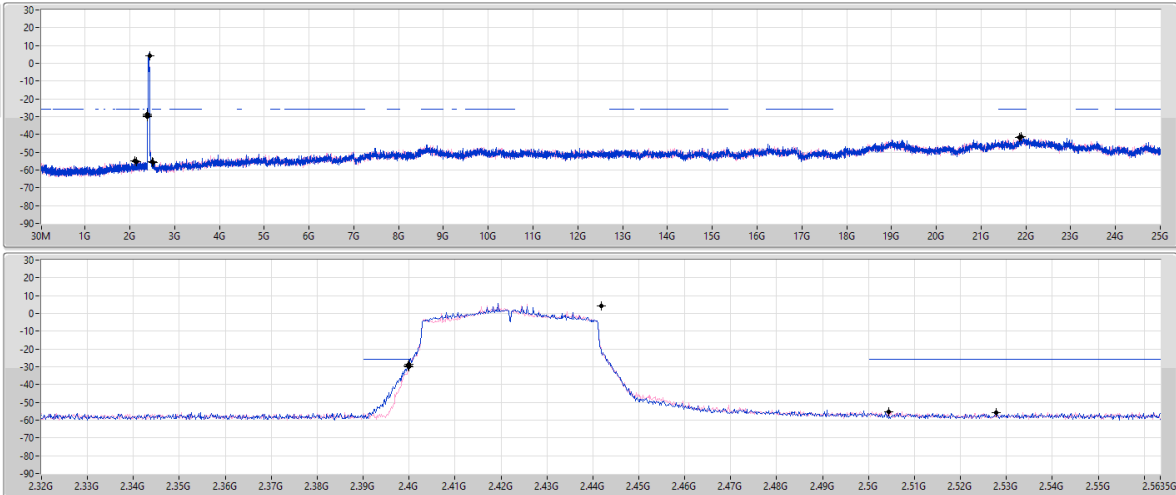
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	6.76	-23.24	2.30874G	-55.88	2.39992G	-26.91	2.4G	-26.54	2.52198G	-52.88	21.42905G	-41.46	1
2.43574G	6.76	-23.24	2.12001G	-55.72	2.39952G	-27.59	2.4G	-29.52	2.51326G	-53.12	21.98253G	-41.75	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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
2.44192G	4.25	-25.75	2.14596G	-55.37	2.39984G	-29.43	2.4G	-28.80	2.52782G	-55.55	21.89254G	-41.33	1
2.44192G	4.25	-25.75	2.11734G	-54.81	2.4G	-29.97	2.4G	-29.84	2.50446G	-55.12	21.85889G	-41.80	2



Summary

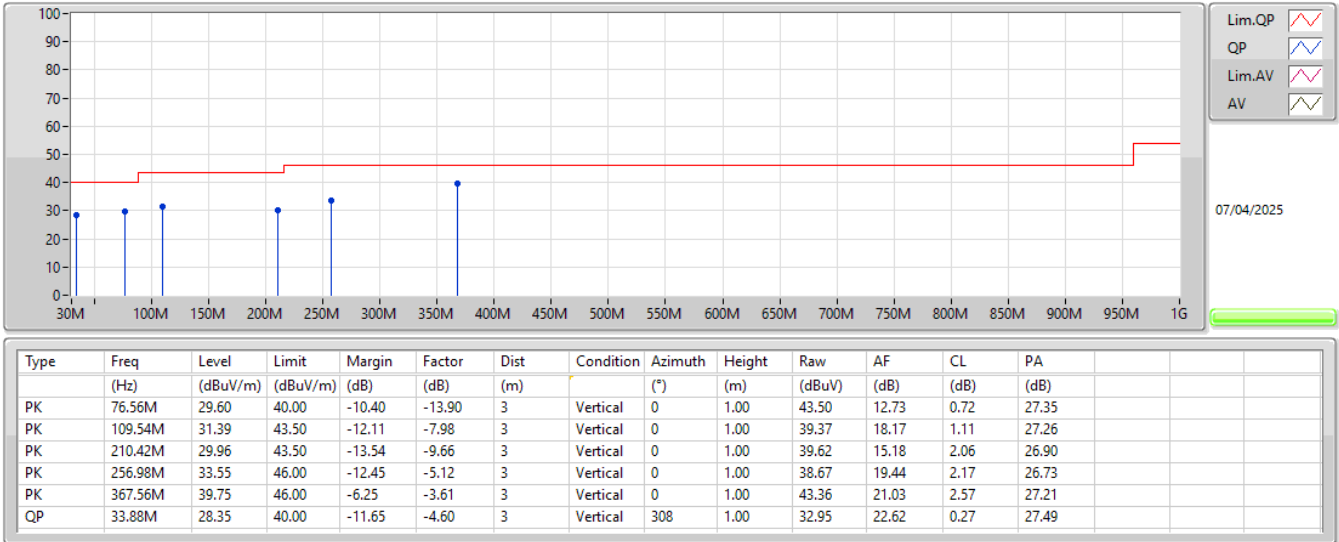
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	258.92M	40.63	46.00	-5.37	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	76.56M	29.60	40.00	-10.40	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	109.54M	31.39	43.50	-12.11	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	210.42M	29.96	43.50	-13.54	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	256.98M	33.55	46.00	-12.45	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	367.56M	39.75	46.00	-6.25	3	Vertical	0	1.00
2437MHz_PoE	Pass	QP	33.88M	28.35	40.00	-11.65	3	Vertical	308	1.00
2437MHz_PoE	Pass	PK	33.88M	26.53	40.00	-13.47	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	111.48M	35.53	43.50	-7.97	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	208.48M	28.78	43.50	-14.72	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	258.92M	40.63	46.00	-5.37	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	365.62M	35.64	46.00	-10.36	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	435.46M	32.28	46.00	-13.72	3	Horizontal	360	1.00

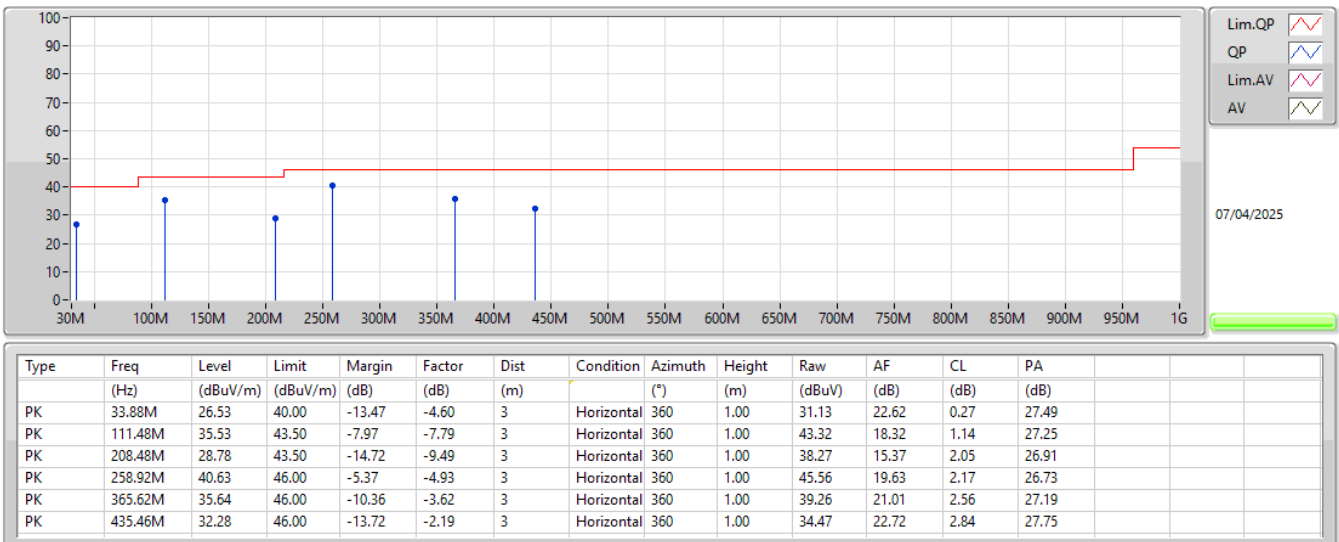
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_PoE



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_PoE



**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	2.4958G	46.65	54.00	-7.35	3	Horizontal	65	1.08
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	48.67	54.00	-5.33	3	Horizontal	64	1.16
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	50.74	54.00	-3.26	3	Horizontal	62	1.19
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4876G	53.19	54.00	-0.81	3	Horizontal	59	1.53

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	2.365G	44.84	54.00	-9.16	3	Vertical	359	1.68
2412MHz	Pass	AV	2.4112G	105.38	Inf	-Inf	3	Vertical	359	1.68
2412MHz	Pass	PK	2.3626G	56.94	74.00	-17.06	3	Vertical	359	1.68
2412MHz	Pass	PK	2.4112G	109.42	Inf	-Inf	3	Vertical	359	1.68
2412MHz	Pass	AV	2.3896G	44.91	54.00	-9.09	3	Horizontal	66	1.15
2412MHz	Pass	AV	2.4128G	108.62	Inf	-Inf	3	Horizontal	66	1.15
2412MHz	Pass	PK	2.3776G	56.90	74.00	-17.10	3	Horizontal	66	1.15
2412MHz	Pass	PK	2.413G	112.72	Inf	-Inf	3	Horizontal	66	1.15
2412MHz	Pass	AV	4.83376G	31.69	54.00	-22.31	3	Vertical	139	1.71
2412MHz	Pass	PK	4.82996G	44.91	74.00	-29.09	3	Vertical	139	1.71
2412MHz	Pass	AV	4.824G	32.27	54.00	-21.73	3	Horizontal	302	1.50
2412MHz	Pass	PK	4.82296G	45.53	74.00	-28.47	3	Horizontal	302	1.50
2437MHz	Pass	AV	2.3498G	44.88	54.00	-9.12	3	Vertical	350	1.46
2437MHz	Pass	AV	2.4378G	106.07	Inf	-Inf	3	Vertical	350	1.46
2437MHz	Pass	AV	2.4866G	46.06	54.00	-7.94	3	Vertical	350	1.46
2437MHz	Pass	PK	2.3418G	57.08	74.00	-16.92	3	Vertical	350	1.46
2437MHz	Pass	PK	2.4378G	110.20	Inf	-Inf	3	Vertical	350	1.46
2437MHz	Pass	PK	2.497G	57.47	74.00	-16.53	3	Vertical	350	1.46
2437MHz	Pass	AV	2.3506G	44.90	54.00	-9.10	3	Horizontal	65	1.08
2437MHz	Pass	AV	2.4378G	108.76	Inf	-Inf	3	Horizontal	65	1.08
2437MHz	Pass	AV	2.4958G	46.65	54.00	-7.35	3	Horizontal	65	1.08
2437MHz	Pass	PK	2.3498G	56.75	74.00	-17.25	3	Horizontal	65	1.08
2437MHz	Pass	PK	2.4378G	112.88	Inf	-Inf	3	Horizontal	65	1.08
2437MHz	Pass	PK	2.4878G	58.00	74.00	-16.00	3	Horizontal	65	1.08
2437MHz	Pass	AV	4.87208G	31.91	54.00	-22.09	3	Vertical	105	1.50
2437MHz	Pass	PK	4.87196G	45.91	74.00	-28.09	3	Vertical	105	1.50
2437MHz	Pass	AV	4.87172G	31.87	54.00	-22.13	3	Horizontal	208	2.93
2437MHz	Pass	PK	4.86784G	45.91	74.00	-28.09	3	Horizontal	208	2.93
2462MHz	Pass	AV	2.4612G	107.06	Inf	-Inf	3	Vertical	354	1.67
2462MHz	Pass	AV	2.4978G	46.10	54.00	-7.90	3	Vertical	354	1.67
2462MHz	Pass	PK	2.461G	110.98	Inf	-Inf	3	Vertical	354	1.67
2462MHz	Pass	PK	2.4986G	59.36	74.00	-14.64	3	Vertical	354	1.67
2462MHz	Pass	AV	2.4628G	109.48	Inf	-Inf	3	Horizontal	67	1.19
2462MHz	Pass	AV	2.4974G	46.43	54.00	-7.57	3	Horizontal	67	1.19
2462MHz	Pass	PK	2.463G	113.64	Inf	-Inf	3	Horizontal	67	1.19
2462MHz	Pass	PK	2.4924G	58.84	74.00	-15.16	3	Horizontal	67	1.19
2462MHz	Pass	AV	4.93144G	32.55	54.00	-21.45	3	Vertical	109	1.50
2462MHz	Pass	PK	4.93124G	46.32	74.00	-27.68	3	Vertical	109	1.50
2462MHz	Pass	AV	4.9332G	32.49	54.00	-21.51	3	Horizontal	295	1.50
2462MHz	Pass	PK	4.92024G	46.22	74.00	-27.78	3	Horizontal	295	1.50
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3642G	44.98	54.00	-9.02	3	Vertical	344	1.21
2412MHz	Pass	AV	2.417G	99.59	Inf	-Inf	3	Vertical	344	1.21
2412MHz	Pass	PK	2.3668G	57.40	74.00	-16.60	3	Vertical	344	1.21
2412MHz	Pass	PK	2.4166G	109.69	Inf	-Inf	3	Vertical	344	1.21
2412MHz	Pass	AV	2.39G	44.86	54.00	-9.14	3	Horizontal	61	1.16
2412MHz	Pass	AV	2.4166G	101.51	Inf	-Inf	3	Horizontal	61	1.16
2412MHz	Pass	PK	2.38G	57.27	74.00	-16.73	3	Horizontal	61	1.16
2412MHz	Pass	PK	2.4164G	112.40	Inf	-Inf	3	Horizontal	61	1.16
2412MHz	Pass	AV	4.83804G	31.59	54.00	-22.41	3	Vertical	338	2.52
2412MHz	Pass	PK	4.8318G	45.03	74.00	-28.97	3	Vertical	338	2.52
2412MHz	Pass	AV	4.83762G	31.49	54.00	-22.51	3	Horizontal	216	2.65
2412MHz	Pass	PK	4.8207G	44.86	74.00	-29.14	3	Horizontal	216	2.65
2437MHz	Pass	AV	2.3534G	45.02	54.00	-8.98	3	Vertical	352	1.46
2437MHz	Pass	AV	2.4422G	99.77	Inf	-Inf	3	Vertical	352	1.46
2437MHz	Pass	AV	2.4882G	46.16	54.00	-7.84	3	Vertical	352	1.46
2437MHz	Pass	PK	2.3598G	57.69	74.00	-16.31	3	Vertical	352	1.46
2437MHz	Pass	PK	2.4426G	110.13	Inf	-Inf	3	Vertical	352	1.46
2437MHz	Pass	PK	2.4846G	58.16	74.00	-15.84	3	Vertical	352	1.46
2437MHz	Pass	AV	2.3466G	45.01	54.00	-8.99	3	Horizontal	64	1.09



RSE TX above 1GHz Non-Beamforming Radio 0

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4422G	102.15	Inf	-Inf	3	Horizontal	64	1.09
2437MHz	Pass	AV	2.4835G	46.60	54.00	-7.40	3	Horizontal	64	1.09
2437MHz	Pass	PK	2.373G	57.31	74.00	-16.69	3	Horizontal	64	1.09
2437MHz	Pass	PK	2.4418G	112.07	Inf	-Inf	3	Horizontal	64	1.09
2437MHz	Pass	PK	2.4938G	58.61	74.00	-15.39	3	Horizontal	64	1.09
2437MHz	Pass	AV	4.889G	32.09	54.00	-21.91	3	Vertical	155	1.48
2437MHz	Pass	PK	4.8863G	45.67	74.00	-28.33	3	Vertical	155	1.48
2437MHz	Pass	AV	4.88876G	32.07	54.00	-21.93	3	Horizontal	249	2.89
2437MHz	Pass	PK	4.88516G	45.71	74.00	-28.29	3	Horizontal	249	2.89
2462MHz	Pass	AV	2.4568G	99.76	Inf	-Inf	3	Vertical	352	1.68
2462MHz	Pass	AV	2.4835G	47.22	54.00	-6.78	3	Vertical	352	1.68
2462MHz	Pass	PK	2.4568G	109.92	Inf	-Inf	3	Vertical	352	1.68
2462MHz	Pass	PK	2.4836G	59.68	74.00	-14.32	3	Vertical	352	1.68
2462MHz	Pass	AV	2.4568G	102.31	Inf	-Inf	3	Horizontal	64	1.16
2462MHz	Pass	AV	2.4835G	48.67	54.00	-5.33	3	Horizontal	64	1.16
2462MHz	Pass	PK	2.457G	112.74	Inf	-Inf	3	Horizontal	64	1.16
2462MHz	Pass	PK	2.4838G	61.77	74.00	-12.23	3	Horizontal	64	1.16
2462MHz	Pass	AV	4.93234G	32.55	54.00	-21.45	3	Vertical	166	1.50
2462MHz	Pass	PK	4.9201G	46.00	74.00	-28.00	3	Vertical	166	1.50
2462MHz	Pass	AV	4.92688G	32.52	54.00	-21.48	3	Horizontal	285	1.50
2462MHz	Pass	PK	4.91572G	46.90	74.00	-27.10	3	Horizontal	285	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	44.95	54.00	-9.05	3	Vertical	346	1.50
2412MHz	Pass	AV	2.41G	99.11	Inf	-Inf	3	Vertical	346	1.50
2412MHz	Pass	PK	2.3628G	57.57	74.00	-16.43	3	Vertical	346	1.50
2412MHz	Pass	PK	2.4088G	112.29	Inf	-Inf	3	Vertical	346	1.50
2412MHz	Pass	AV	2.3898G	45.00	54.00	-9.00	3	Horizontal	63	1.14
2412MHz	Pass	AV	2.4106G	101.60	Inf	-Inf	3	Horizontal	63	1.14
2412MHz	Pass	PK	2.385G	56.95	74.00	-17.05	3	Horizontal	63	1.14
2412MHz	Pass	PK	2.4106G	114.72	Inf	-Inf	3	Horizontal	63	1.14
2412MHz	Pass	AV	4.83816G	31.62	54.00	-22.38	3	Vertical	327	1.50
2412MHz	Pass	PK	4.83816G	45.06	74.00	-28.94	3	Vertical	327	1.50
2412MHz	Pass	AV	4.83564G	31.69	54.00	-22.31	3	Horizontal	232	1.15
2412MHz	Pass	PK	4.83348G	44.99	74.00	-29.01	3	Horizontal	232	1.15
2437MHz	Pass	AV	2.3486G	44.99	54.00	-9.01	3	Vertical	0	1.45
2437MHz	Pass	AV	2.4414G	99.05	Inf	-Inf	3	Vertical	0	1.45
2437MHz	Pass	AV	2.4842G	46.13	54.00	-7.87	3	Vertical	0	1.45
2437MHz	Pass	PK	2.3894G	57.33	74.00	-16.67	3	Vertical	0	1.45
2437MHz	Pass	PK	2.4418G	112.09	Inf	-Inf	3	Vertical	0	1.45
2437MHz	Pass	PK	2.4906G	58.59	74.00	-15.41	3	Vertical	0	1.45
2437MHz	Pass	AV	2.351G	45.02	54.00	-8.98	3	Horizontal	65	1.06
2437MHz	Pass	AV	2.4362G	100.98	Inf	-Inf	3	Horizontal	65	1.06
2437MHz	Pass	AV	2.4974G	46.56	54.00	-7.44	3	Horizontal	65	1.06
2437MHz	Pass	PK	2.3422G	56.92	74.00	-17.08	3	Horizontal	65	1.06
2437MHz	Pass	PK	2.4378G	113.97	Inf	-Inf	3	Horizontal	65	1.06
2437MHz	Pass	PK	2.4994G	58.66	74.00	-15.34	3	Horizontal	65	1.06
2437MHz	Pass	AV	4.88882G	32.20	54.00	-21.80	3	Vertical	172	2.31
2437MHz	Pass	PK	4.88084G	45.62	74.00	-28.38	3	Vertical	172	2.31
2437MHz	Pass	AV	4.889G	32.34	54.00	-21.66	3	Horizontal	310	1.50
2437MHz	Pass	PK	4.8887G	46.01	74.00	-27.99	3	Horizontal	310	1.50
2462MHz	Pass	AV	2.4666G	99.23	Inf	-Inf	3	Vertical	354	1.04
2462MHz	Pass	AV	2.4835G	48.28	54.00	-5.72	3	Vertical	354	1.04
2462MHz	Pass	PK	2.4638G	112.38	Inf	-Inf	3	Vertical	354	1.04
2462MHz	Pass	PK	2.4852G	63.31	74.00	-10.69	3	Vertical	354	1.04
2462MHz	Pass	AV	2.4608G	102.11	Inf	-Inf	3	Horizontal	62	1.19
2462MHz	Pass	AV	2.4835G	50.74	54.00	-3.26	3	Horizontal	62	1.19
2462MHz	Pass	PK	2.4594G	115.41	Inf	-Inf	3	Horizontal	62	1.19
2462MHz	Pass	PK	2.4835G	65.08	74.00	-8.92	3	Horizontal	62	1.19
2462MHz	Pass	AV	4.93234G	32.63	54.00	-21.37	3	Vertical	164	1.30
2462MHz	Pass	PK	4.93216G	46.11	74.00	-27.89	3	Vertical	164	1.30
2462MHz	Pass	AV	4.93042G	32.67	54.00	-21.33	3	Horizontal	169	3.00
2462MHz	Pass	PK	4.92262G	46.27	74.00	-27.73	3	Horizontal	169	3.00



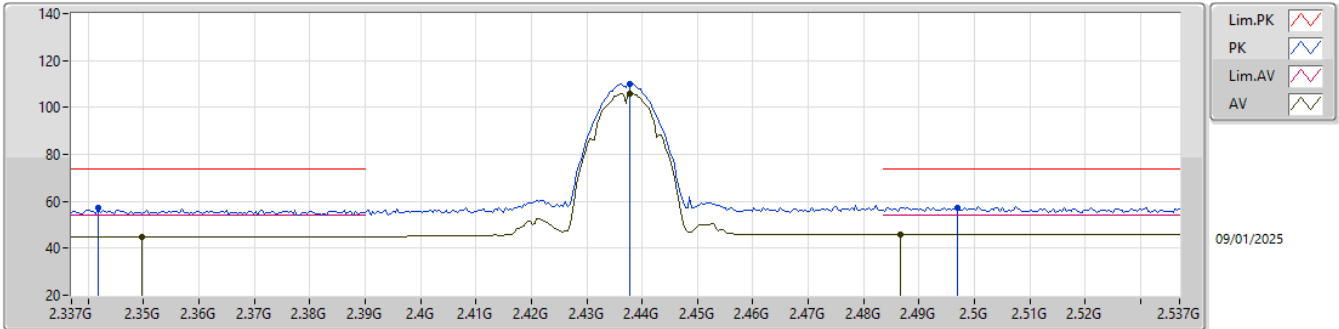
RSE TX above 1GHz Non-Beamforming Radio 0

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3256G	45.02	54.00	-8.98	3	Vertical	345	1.23
2422MHz	Pass	AV	2.4204G	96.37	Inf	-Inf	3	Vertical	345	1.23
2422MHz	Pass	AV	2.4964G	46.19	54.00	-7.81	3	Vertical	345	1.23
2422MHz	Pass	PK	2.324G	56.95	74.00	-17.05	3	Vertical	345	1.23
2422MHz	Pass	PK	2.4192G	109.76	Inf	-Inf	3	Vertical	345	1.23
2422MHz	Pass	PK	2.492G	57.80	74.00	-16.20	3	Vertical	345	1.23
2422MHz	Pass	AV	2.35G	45.02	54.00	-8.98	3	Horizontal	64	1.08
2422MHz	Pass	AV	2.4404G	98.79	Inf	-Inf	3	Horizontal	64	1.08
2422MHz	Pass	AV	2.4835G	46.79	54.00	-7.21	3	Horizontal	64	1.08
2422MHz	Pass	PK	2.37G	58.10	74.00	-15.90	3	Horizontal	64	1.08
2422MHz	Pass	PK	2.4408G	111.57	Inf	-Inf	3	Horizontal	64	1.08
2422MHz	Pass	PK	2.4996G	59.09	74.00	-14.91	3	Horizontal	64	1.08
2422MHz	Pass	AV	4.86872G	32.11	54.00	-21.89	3	Vertical	266	1.01
2422MHz	Pass	PK	4.85348G	45.17	74.00	-28.83	3	Vertical	266	1.01
2422MHz	Pass	AV	4.87316G	32.00	54.00	-22.00	3	Horizontal	189	1.18
2422MHz	Pass	PK	4.8404G	45.04	74.00	-28.96	3	Horizontal	189	1.18
2437MHz	Pass	AV	2.3494G	45.01	54.00	-8.99	3	Vertical	351	1.65
2437MHz	Pass	AV	2.4554G	97.89	Inf	-Inf	3	Vertical	351	1.65
2437MHz	Pass	AV	2.4835G	46.79	54.00	-7.21	3	Vertical	351	1.65
2437MHz	Pass	PK	2.3634G	56.87	74.00	-17.13	3	Vertical	351	1.65
2437MHz	Pass	PK	2.4554G	110.58	Inf	-Inf	3	Vertical	351	1.65
2437MHz	Pass	PK	2.4918G	58.36	74.00	-15.64	3	Vertical	351	1.65
2437MHz	Pass	AV	2.3526G	44.99	54.00	-9.01	3	Horizontal	52	1.19
2437MHz	Pass	AV	2.4546G	99.41	Inf	-Inf	3	Horizontal	52	1.19
2437MHz	Pass	AV	2.4835G	47.51	54.00	-6.49	3	Horizontal	52	1.19
2437MHz	Pass	PK	2.3866G	57.40	74.00	-16.60	3	Horizontal	52	1.19
2437MHz	Pass	PK	2.4554G	112.68	Inf	-Inf	3	Horizontal	52	1.19
2437MHz	Pass	PK	2.4914G	59.26	74.00	-14.74	3	Horizontal	52	1.19
2437MHz	Pass	AV	4.8914G	32.48	54.00	-21.52	3	Vertical	26	1.50
2437MHz	Pass	PK	4.89896G	46.41	74.00	-27.59	3	Vertical	26	1.50
2437MHz	Pass	AV	4.89632G	32.35	54.00	-21.65	3	Horizontal	0	1.50
2437MHz	Pass	PK	4.89968G	45.52	74.00	-28.48	3	Horizontal	0	1.50
2452MHz	Pass	AV	2.3564G	44.97	54.00	-9.03	3	Vertical	356	1.64
2452MHz	Pass	AV	2.4544G	96.95	Inf	-Inf	3	Vertical	356	1.64
2452MHz	Pass	AV	2.494G	50.71	54.00	-3.29	3	Vertical	356	1.64
2452MHz	Pass	PK	2.386G	56.90	74.00	-17.10	3	Vertical	356	1.64
2452MHz	Pass	PK	2.4548G	110.49	Inf	-Inf	3	Vertical	356	1.64
2452MHz	Pass	PK	2.4948G	65.43	74.00	-8.57	3	Vertical	356	1.64
2452MHz	Pass	AV	2.354G	44.96	54.00	-9.04	3	Horizontal	59	1.53
2452MHz	Pass	AV	2.4672G	99.31	Inf	-Inf	3	Horizontal	59	1.53
2452MHz	Pass	AV	2.4876G	53.19	54.00	-0.81	3	Horizontal	59	1.53
2452MHz	Pass	PK	2.3556G	57.16	74.00	-16.84	3	Horizontal	59	1.53
2452MHz	Pass	PK	2.4672G	113.51	Inf	-Inf	3	Horizontal	59	1.53
2452MHz	Pass	PK	2.488G	67.78	74.00	-6.22	3	Horizontal	59	1.53
2452MHz	Pass	AV	4.93076G	32.70	54.00	-21.30	3	Vertical	210	1.50
2452MHz	Pass	PK	4.88G	46.04	74.00	-27.96	3	Vertical	210	1.50
2452MHz	Pass	AV	4.93184G	32.80	54.00	-21.20	3	Horizontal	194	1.50
2452MHz	Pass	PK	4.91204G	46.20	74.00	-27.80	3	Horizontal	194	1.50

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

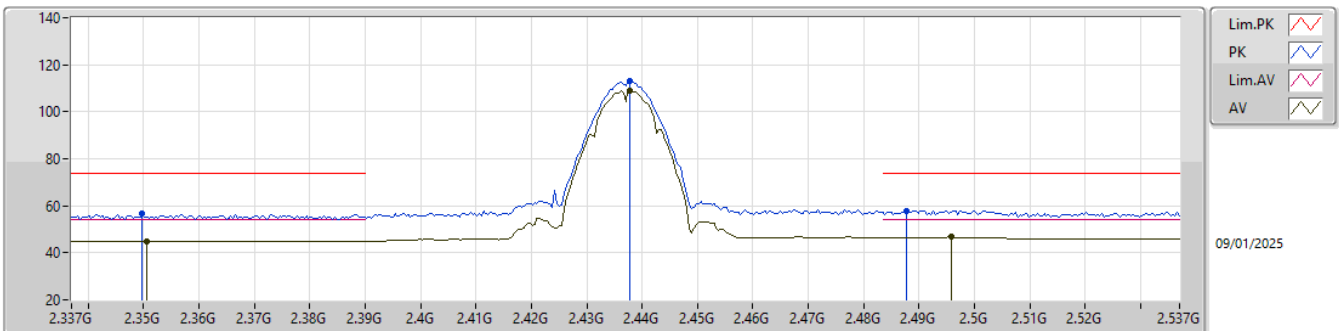
2437MHz_TX



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	2.3498G	44.88	54.00	-9.12	32.66	3	Vertical	350	1.46	12.22	27.30	5.36	-
AV	2.4378G	106.07	Inf	-Inf	33.06	3	Vertical	350	1.46	73.01	27.60	5.46	-
AV	2.4866G	46.06	54.00	-7.94	33.49	3	Vertical	350	1.46	12.57	27.97	5.52	-
PK	2.3418G	57.08	74.00	-16.92	32.57	3	Vertical	350	1.46	24.51	27.22	5.35	-
PK	2.4378G	110.20	Inf	-Inf	33.06	3	Vertical	350	1.46	77.14	27.60	5.46	-
PK	2.497G	57.47	74.00	-16.53	33.53	3	Vertical	350	1.46	23.94	28.00	5.53	-

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

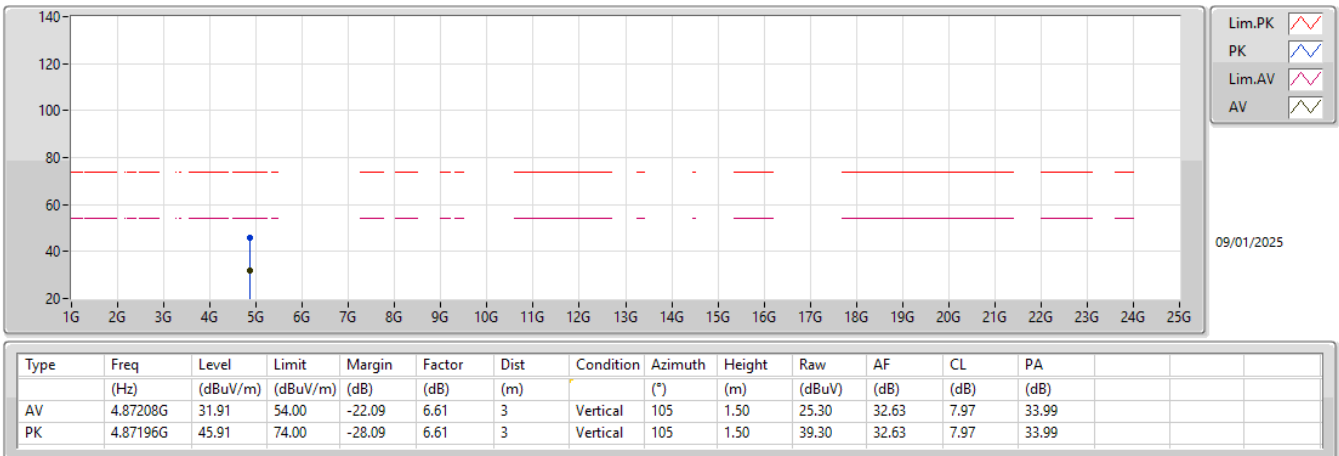
2437MHz_TX



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	2.3506G	44.90	54.00	-9.10	32.66	3	Horizontal	65	1.08	12.24	27.30	5.36	-
AV	2.4378G	108.76	Inf	-Inf	33.06	3	Horizontal	65	1.08	75.70	27.60	5.46	-
AV	2.4958G	46.65	54.00	-7.35	33.53	3	Horizontal	65	1.08	13.12	28.00	5.53	-
PK	2.3498G	56.75	74.00	-17.25	32.66	3	Horizontal	65	1.08	24.09	27.30	5.36	-
PK	2.4378G	112.88	Inf	-Inf	33.06	3	Horizontal	65	1.08	79.82	27.60	5.46	-
PK	2.4878G	58.00	74.00	-16.00	33.50	3	Horizontal	65	1.08	24.50	27.98	5.52	-

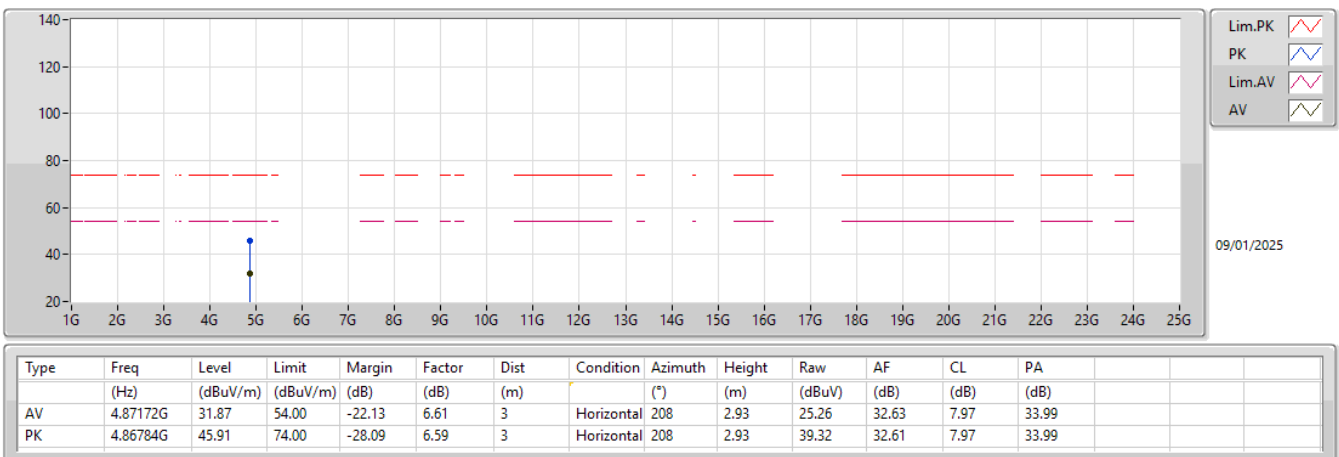
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



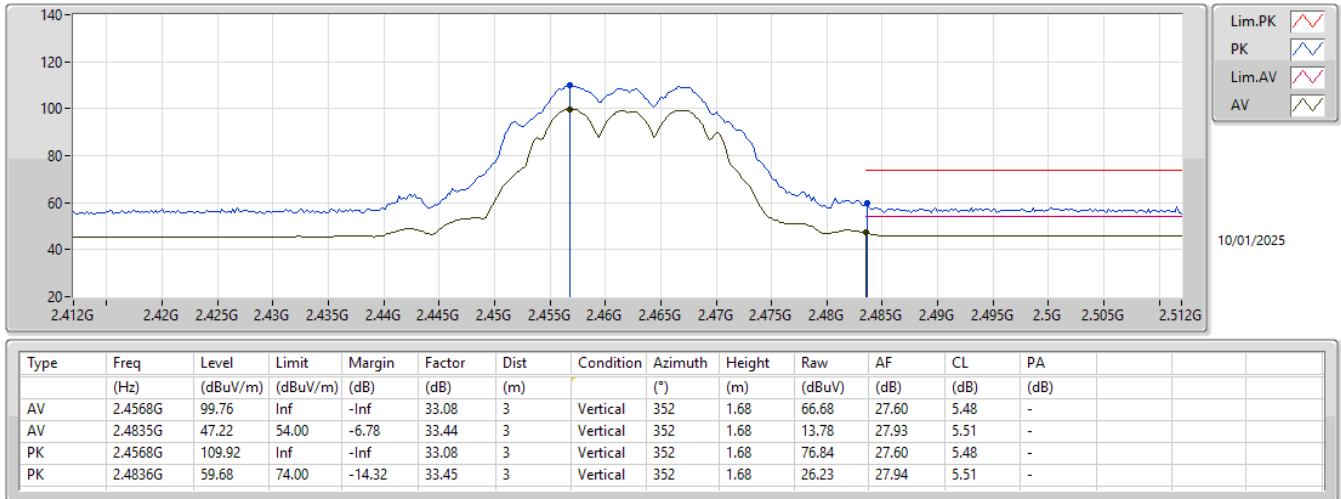
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2437MHz_TX



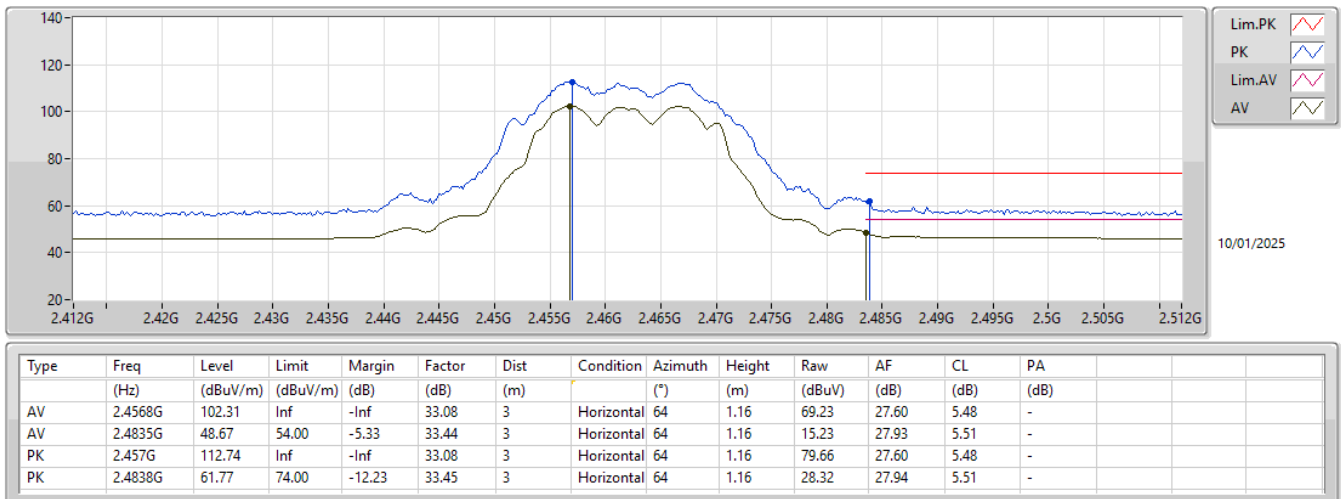
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



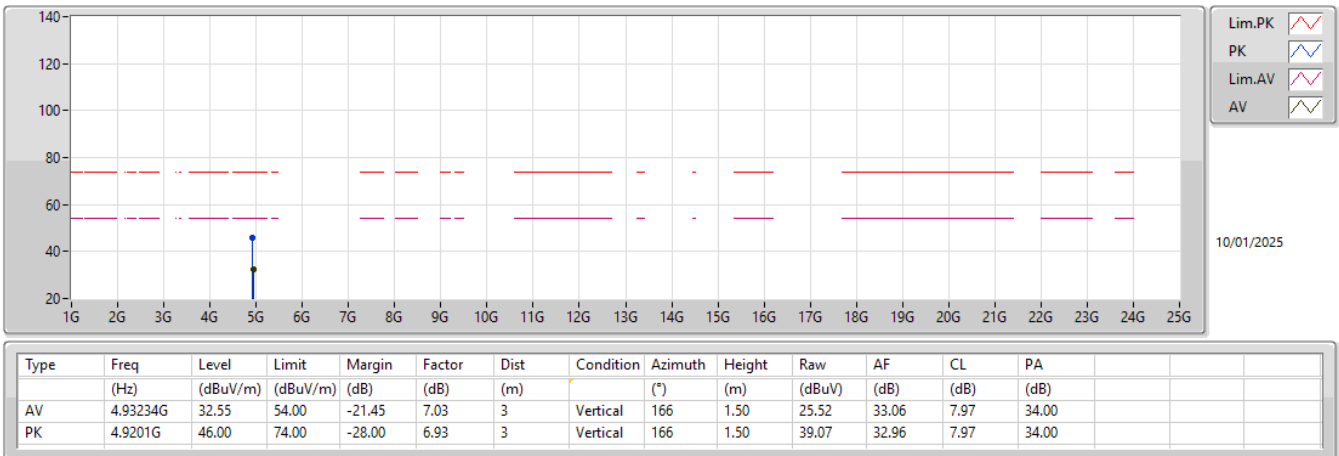
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2462MHz_TX



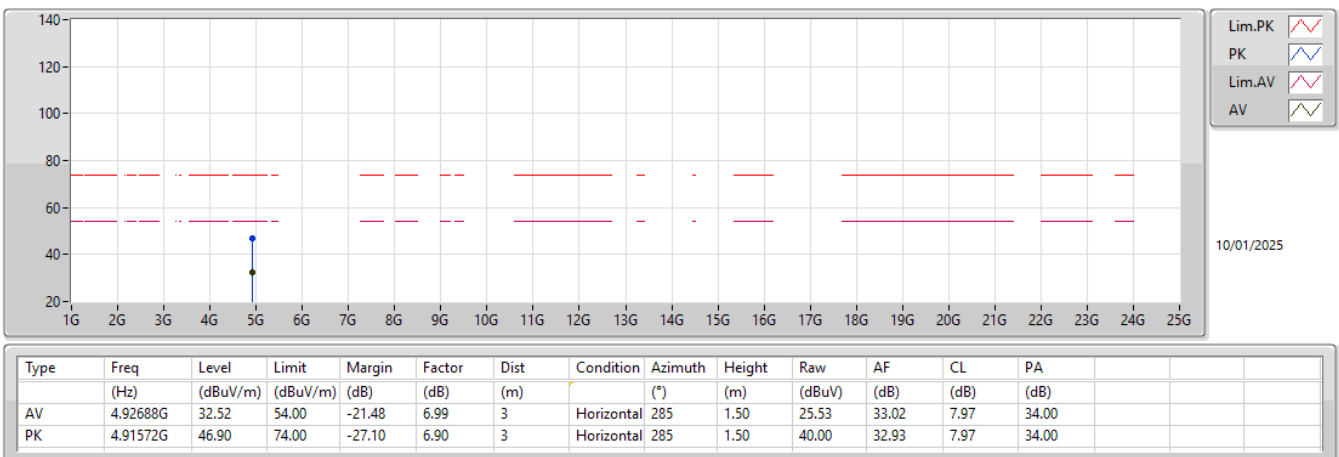
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



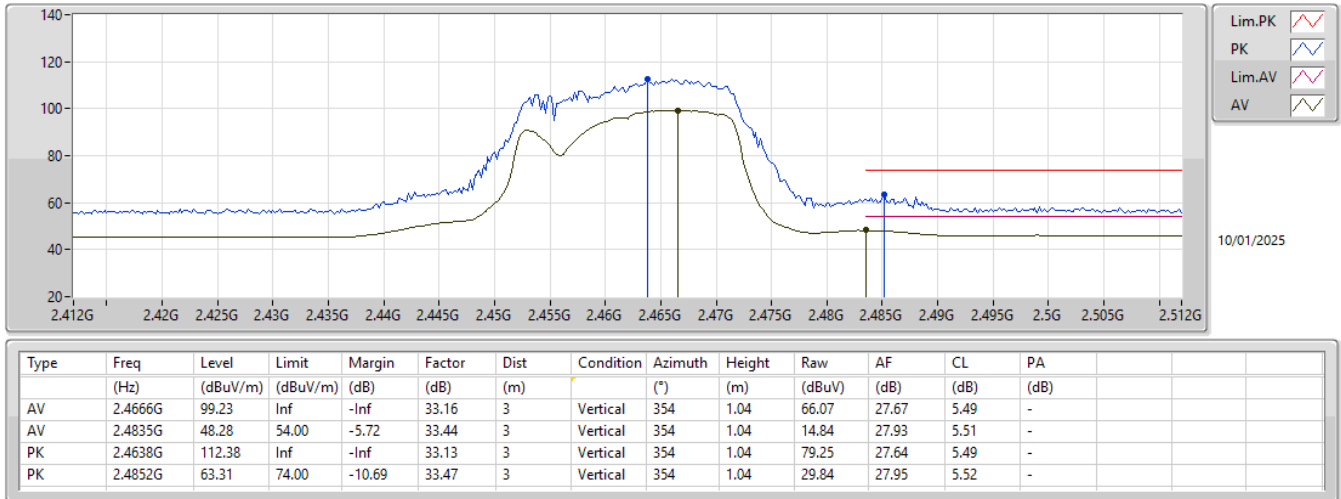
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2462MHz_TX



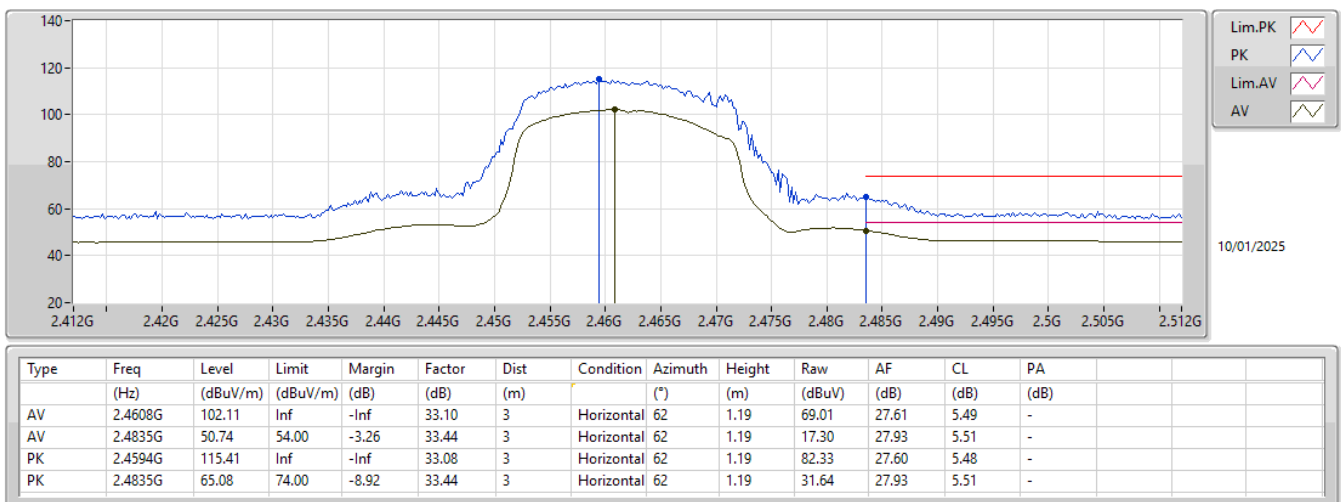
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2462MHz_TX



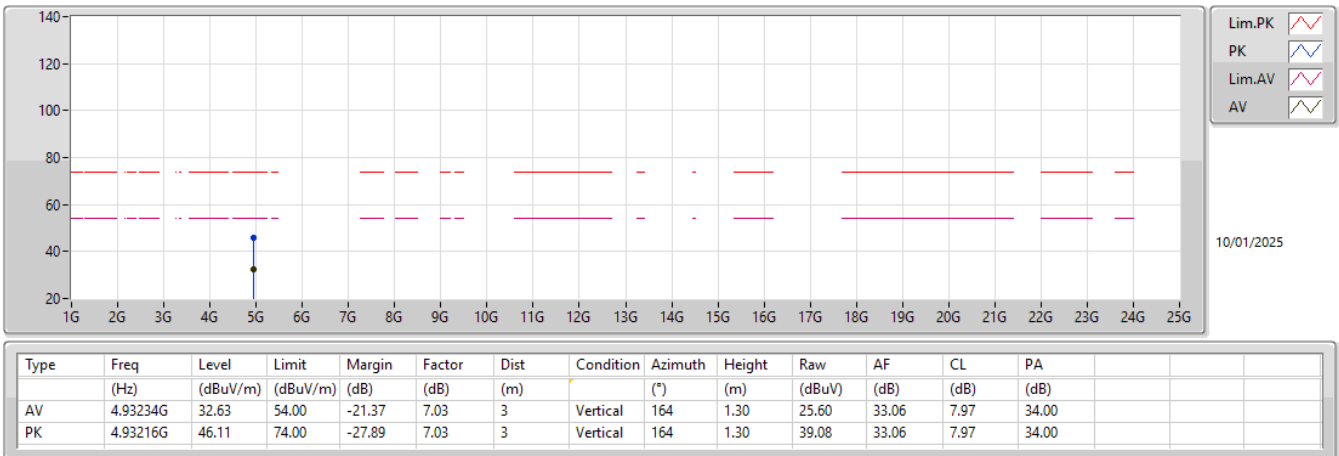
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



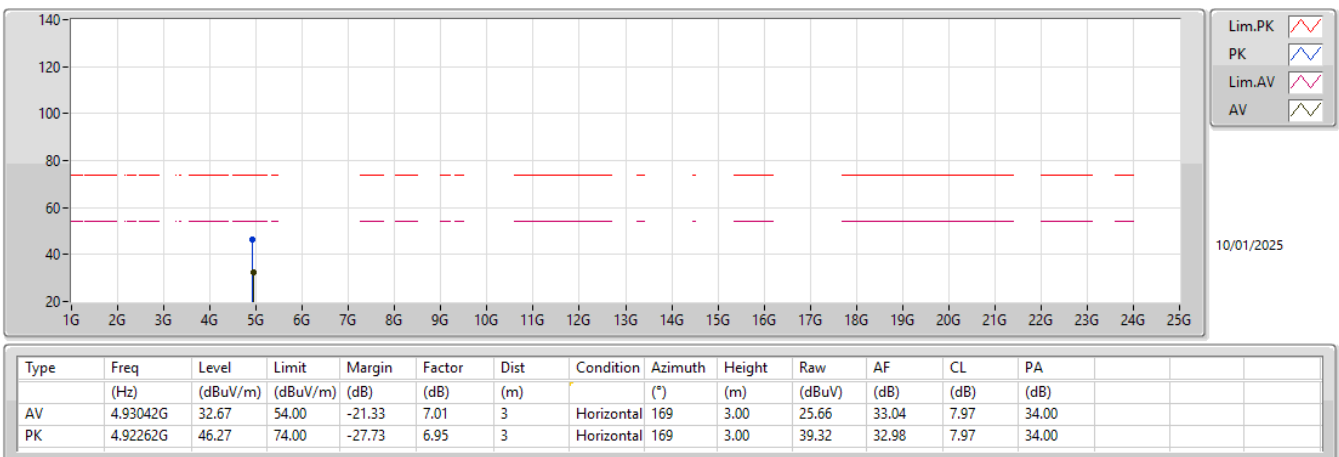
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



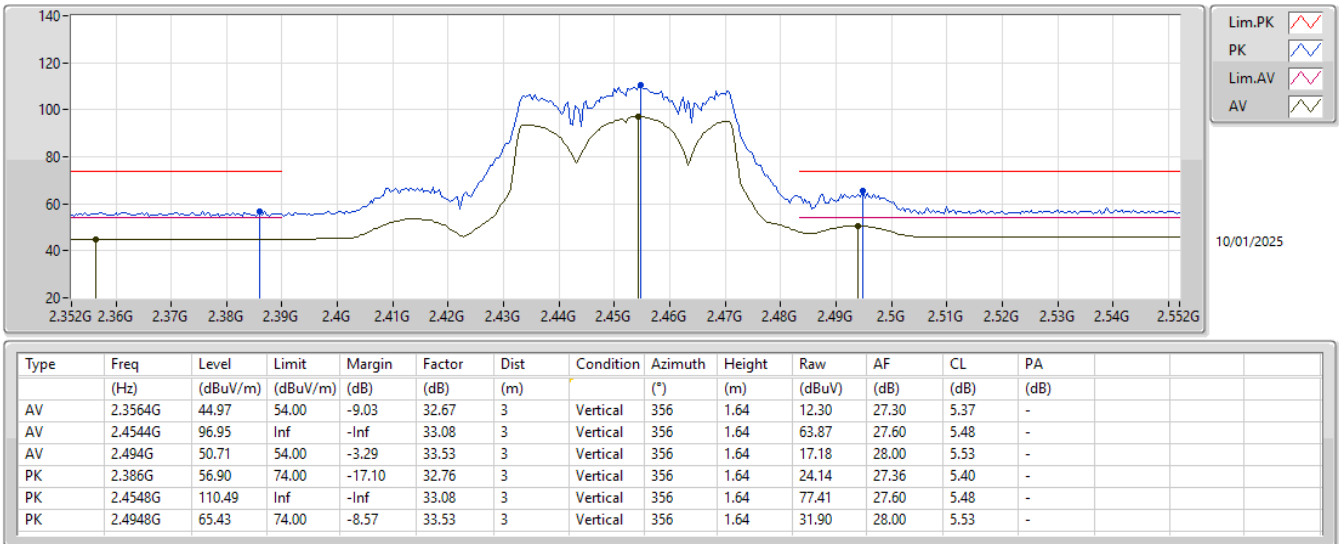
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



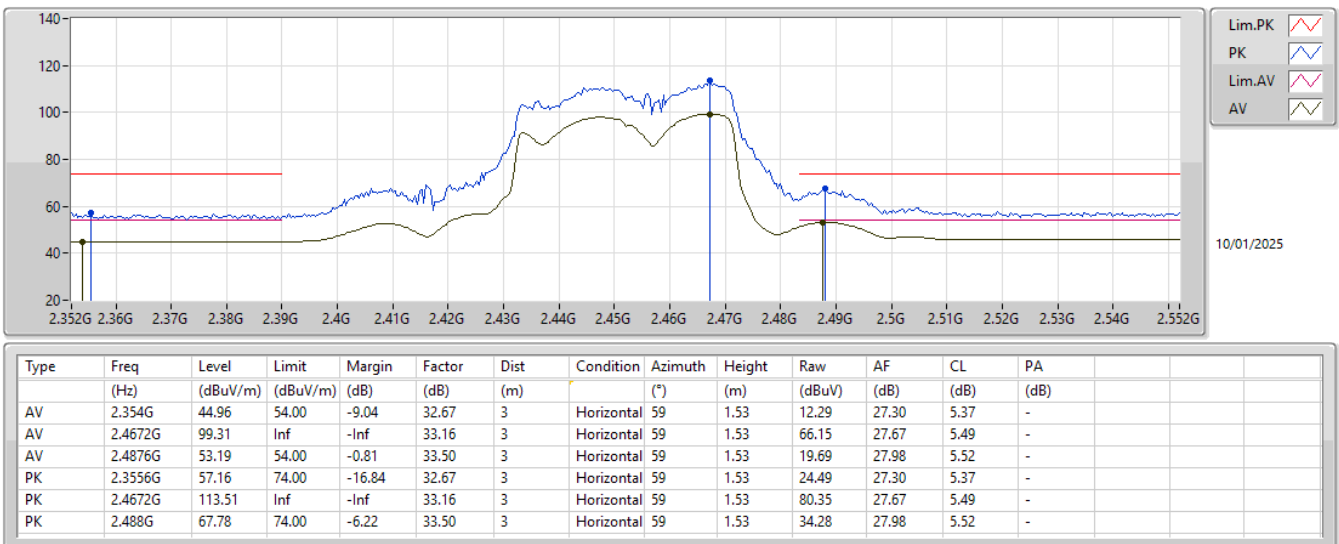
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



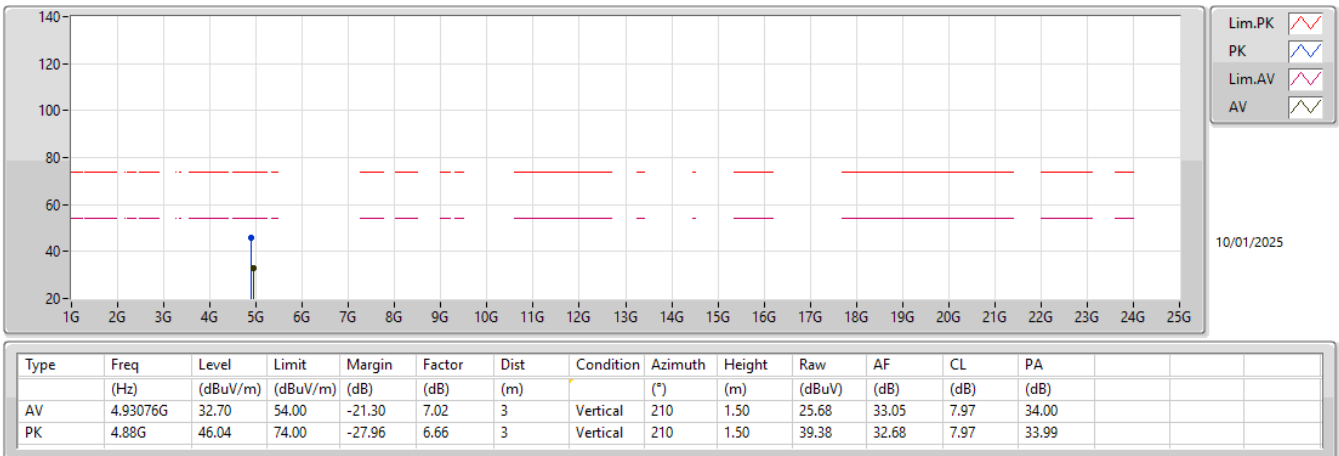
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



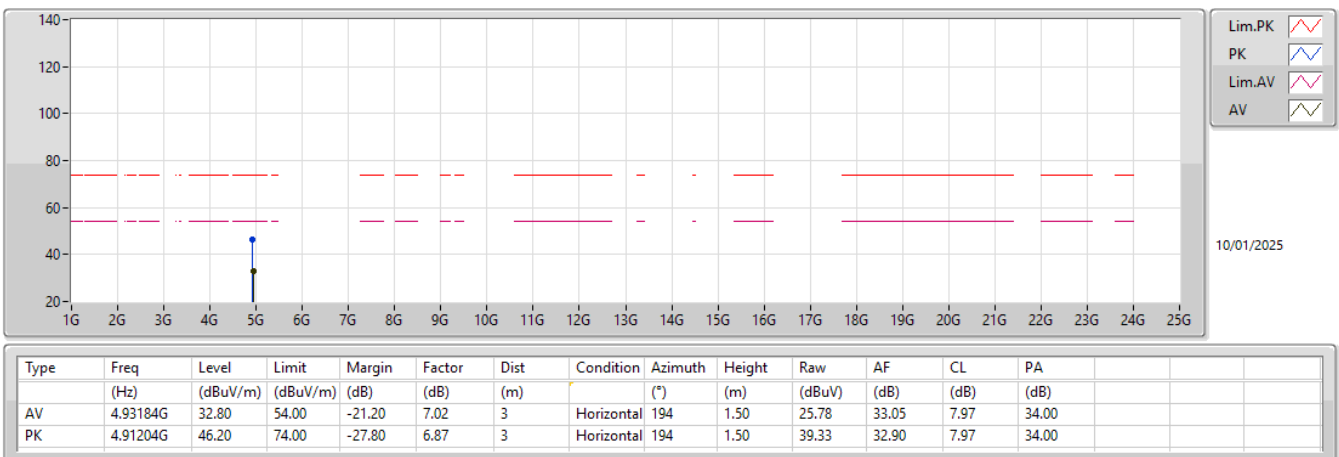
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



**Summary**

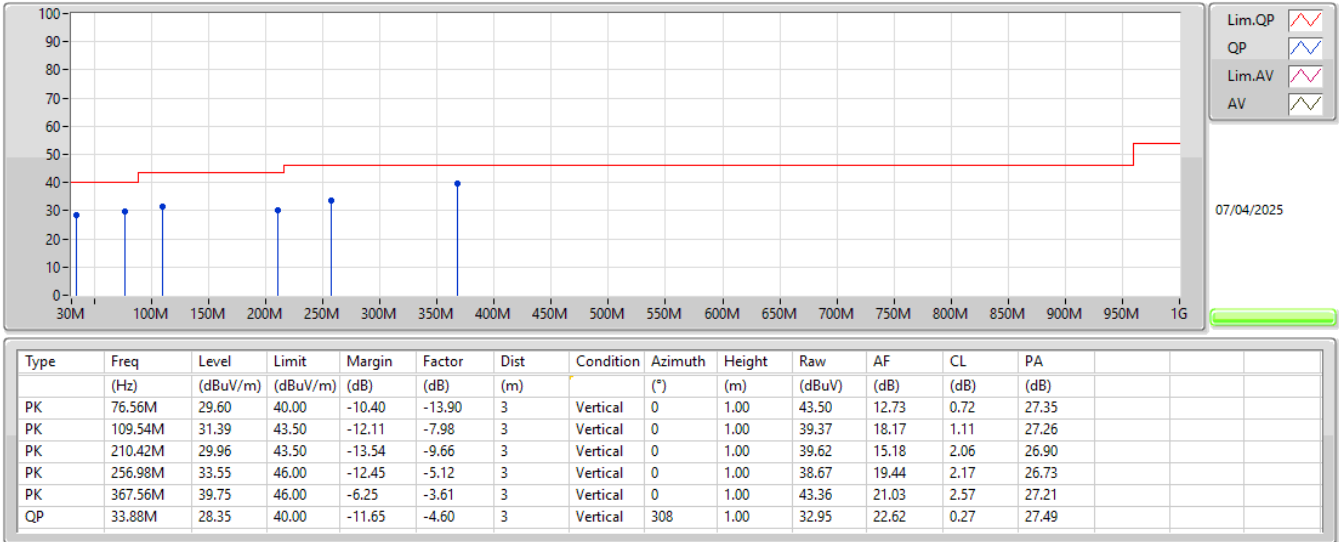
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	258.92M	40.63	46.00	-5.37	3	Horizontal	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	76.56M	29.60	40.00	-10.40	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	109.54M	31.39	43.50	-12.11	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	210.42M	29.96	43.50	-13.54	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	256.98M	33.55	46.00	-12.45	3	Vertical	0	1.00
2437MHz_PoE	Pass	PK	367.56M	39.75	46.00	-6.25	3	Vertical	0	1.00
2437MHz_PoE	Pass	QP	33.88M	28.35	40.00	-11.65	3	Vertical	308	1.00
2437MHz_PoE	Pass	PK	33.88M	26.53	40.00	-13.47	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	111.48M	35.53	43.50	-7.97	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	208.48M	28.78	43.50	-14.72	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	258.92M	40.63	46.00	-5.37	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	365.62M	35.64	46.00	-10.36	3	Horizontal	360	1.00
2437MHz_PoE	Pass	PK	435.46M	32.28	46.00	-13.72	3	Horizontal	360	1.00

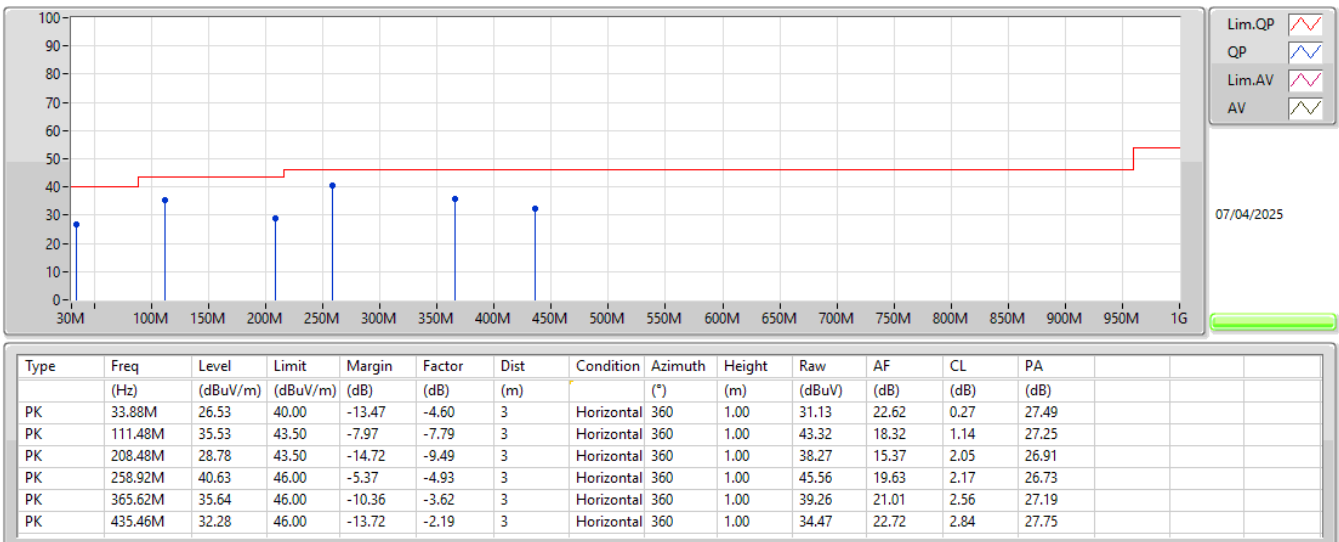
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_PoE



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_PoE



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	2.4888G	45.97	54.00	-8.03	3	Horizontal	69	1.18
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4846G	46.41	54.00	-7.59	3	Vertical	142	1.37
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	48.40	54.00	-5.60	3	Vertical	188	2.01
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.4856G	51.61	54.00	-2.39	3	Vertical	137	2.05

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	2.39G	44.97	54.00	-9.03	3	Vertical	346	1.51
2412MHz	Pass	AV	2.4112G	108.03	Inf	-Inf	3	Vertical	346	1.51
2412MHz	Pass	PK	2.3676G	58.51	74.00	-15.49	3	Vertical	346	1.51
2412MHz	Pass	PK	2.4112G	111.86	Inf	-Inf	3	Vertical	346	1.51
2412MHz	Pass	AV	2.3882G	45.02	54.00	-8.98	3	Horizontal	72	1.76
2412MHz	Pass	AV	2.4112G	110.35	Inf	-Inf	3	Horizontal	72	1.76
2412MHz	Pass	PK	2.367G	57.19	74.00	-16.81	3	Horizontal	72	1.76
2412MHz	Pass	PK	2.411G	114.09	Inf	-Inf	3	Horizontal	72	1.76
2412MHz	Pass	AV	4.824G	37.20	54.00	-16.80	3	Vertical	350	1.50
2412MHz	Pass	PK	4.82392G	46.39	74.00	-27.61	3	Vertical	350	1.50
2412MHz	Pass	AV	4.82396G	39.52	54.00	-14.48	3	Horizontal	326	1.50
2412MHz	Pass	PK	4.82416G	47.29	74.00	-26.71	3	Horizontal	326	1.50
2437MHz	Pass	AV	2.3502G	44.97	54.00	-9.03	3	Vertical	345	1.46
2437MHz	Pass	AV	2.4362G	106.91	Inf	-Inf	3	Vertical	345	1.46
2437MHz	Pass	AV	2.4974G	45.75	54.00	-8.25	3	Vertical	345	1.46
2437MHz	Pass	PK	2.3858G	57.12	74.00	-16.88	3	Vertical	345	1.46
2437MHz	Pass	PK	2.4362G	110.76	Inf	-Inf	3	Vertical	345	1.46
2437MHz	Pass	PK	2.4858G	57.44	74.00	-16.56	3	Vertical	345	1.46
2437MHz	Pass	AV	2.3534G	44.98	54.00	-9.02	3	Horizontal	62	1.59
2437MHz	Pass	AV	2.4362G	109.52	Inf	-Inf	3	Horizontal	62	1.59
2437MHz	Pass	AV	2.4946G	45.80	54.00	-8.20	3	Horizontal	62	1.59
2437MHz	Pass	PK	2.3722G	56.51	74.00	-17.49	3	Horizontal	62	1.59
2437MHz	Pass	PK	2.4362G	113.31	Inf	-Inf	3	Horizontal	62	1.59
2437MHz	Pass	PK	2.4886G	56.96	74.00	-17.04	3	Horizontal	62	1.59
2437MHz	Pass	AV	4.8714G	31.62	54.00	-22.38	3	Vertical	115	1.00
2437MHz	Pass	PK	4.86824G	45.58	74.00	-28.42	3	Vertical	115	1.00
2437MHz	Pass	AV	4.87396G	31.67	54.00	-22.33	3	Horizontal	42	1.50
2437MHz	Pass	PK	4.8724G	45.64	74.00	-28.36	3	Horizontal	42	1.50
2462MHz	Pass	AV	2.4628G	107.50	Inf	-Inf	3	Vertical	360	1.67
2462MHz	Pass	AV	2.4888G	45.83	54.00	-8.17	3	Vertical	360	1.67
2462MHz	Pass	PK	2.463G	111.23	Inf	-Inf	3	Vertical	360	1.67
2462MHz	Pass	PK	2.4884G	58.30	74.00	-15.70	3	Vertical	360	1.67
2462MHz	Pass	AV	2.4628G	109.84	Inf	-Inf	3	Horizontal	69	1.18
2462MHz	Pass	AV	2.4888G	45.97	54.00	-8.03	3	Horizontal	69	1.18
2462MHz	Pass	PK	2.463G	113.82	Inf	-Inf	3	Horizontal	69	1.18
2462MHz	Pass	PK	2.4854G	57.84	74.00	-16.16	3	Horizontal	69	1.18
2462MHz	Pass	AV	4.93308G	31.96	54.00	-22.04	3	Vertical	202	1.94
2462MHz	Pass	PK	4.92748G	46.01	74.00	-27.99	3	Vertical	202	1.94
2462MHz	Pass	AV	4.93308G	32.05	54.00	-21.95	3	Horizontal	232	1.50
2462MHz	Pass	PK	4.93204G	45.94	74.00	-28.06	3	Horizontal	232	1.50
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3664G	44.93	54.00	-9.07	3	Vertical	141	2.18
2412MHz	Pass	AV	2.411G	105.00	Inf	-Inf	3	Vertical	141	2.18
2412MHz	Pass	PK	2.3648G	57.02	74.00	-16.98	3	Vertical	141	2.18
2412MHz	Pass	PK	2.411G	115.49	Inf	-Inf	3	Vertical	141	2.18
2412MHz	Pass	AV	2.362G	44.92	54.00	-9.08	3	Horizontal	113	1.53
2412MHz	Pass	AV	2.4128G	99.49	Inf	-Inf	3	Horizontal	113	1.53
2412MHz	Pass	PK	2.371G	57.04	74.00	-16.96	3	Horizontal	113	1.53
2412MHz	Pass	PK	2.4128G	108.93	Inf	-Inf	3	Horizontal	113	1.53
2412MHz	Pass	AV	4.8381G	31.52	54.00	-22.48	3	Vertical	65	1.14
2412MHz	Pass	PK	4.82292G	45.15	74.00	-28.85	3	Vertical	65	1.14
2412MHz	Pass	AV	4.83816G	31.64	54.00	-22.36	3	Horizontal	101	1.61
2412MHz	Pass	PK	4.83342G	45.32	74.00	-28.68	3	Horizontal	101	1.61
2437MHz	Pass	AV	2.3474G	44.94	54.00	-9.06	3	Vertical	168	2.02
2437MHz	Pass	AV	2.4366G	102.58	Inf	-Inf	3	Vertical	168	2.02
2437MHz	Pass	AV	2.491G	45.84	54.00	-8.16	3	Vertical	168	2.02
2437MHz	Pass	PK	2.3774G	57.49	74.00	-16.51	3	Vertical	168	2.02
2437MHz	Pass	PK	2.4362G	112.23	Inf	-Inf	3	Vertical	168	2.02
2437MHz	Pass	PK	2.4898G	58.01	74.00	-15.99	3	Vertical	168	2.02
2437MHz	Pass	AV	2.3498G	44.97	54.00	-9.03	3	Horizontal	126	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4362G	100.63	Inf	-Inf	3	Horizontal	126	1.00
2437MHz	Pass	AV	2.4934G	45.74	54.00	-8.26	3	Horizontal	126	1.00
2437MHz	Pass	PK	2.3586G	56.66	74.00	-17.34	3	Horizontal	126	1.00
2437MHz	Pass	PK	2.4362G	110.48	Inf	-Inf	3	Horizontal	126	1.00
2437MHz	Pass	PK	2.4998G	57.47	74.00	-16.53	3	Horizontal	126	1.00
2437MHz	Pass	AV	4.88876G	31.94	54.00	-22.06	3	Vertical	38	1.50
2437MHz	Pass	PK	4.88852G	45.62	74.00	-28.38	3	Vertical	38	1.50
2437MHz	Pass	AV	4.88804G	32.00	54.00	-22.00	3	Horizontal	360	1.50
2437MHz	Pass	PK	4.88252G	46.98	74.00	-27.02	3	Horizontal	360	1.50
2462MHz	Pass	AV	2.461G	105.15	Inf	-Inf	3	Vertical	142	1.37
2462MHz	Pass	AV	2.4846G	46.41	54.00	-7.59	3	Vertical	142	1.37
2462MHz	Pass	PK	2.4612G	115.02	Inf	-Inf	3	Vertical	142	1.37
2462MHz	Pass	PK	2.4996G	58.53	74.00	-15.47	3	Vertical	142	1.37
2462MHz	Pass	AV	2.461G	101.45	Inf	-Inf	3	Horizontal	128	1.96
2462MHz	Pass	AV	2.4846G	45.98	54.00	-8.02	3	Horizontal	128	1.96
2462MHz	Pass	PK	2.4608G	111.36	Inf	-Inf	3	Horizontal	128	1.96
2462MHz	Pass	PK	2.4862G	57.67	74.00	-16.33	3	Horizontal	128	1.96
2462MHz	Pass	AV	4.93006G	32.39	54.00	-21.61	3	Vertical	276	1.50
2462MHz	Pass	PK	4.92646G	46.04	74.00	-27.96	3	Vertical	276	1.50
2462MHz	Pass	AV	4.92976G	32.35	54.00	-21.65	3	Horizontal	244	1.50
2462MHz	Pass	PK	4.92034G	46.96	74.00	-27.04	3	Horizontal	244	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3672G	44.97	54.00	-9.03	3	Vertical	190	1.46
2412MHz	Pass	AV	2.4126G	105.03	Inf	-Inf	3	Vertical	190	1.46
2412MHz	Pass	PK	2.3878G	57.38	74.00	-16.62	3	Vertical	190	1.46
2412MHz	Pass	PK	2.4128G	117.26	Inf	-Inf	3	Vertical	190	1.46
2412MHz	Pass	AV	2.3676G	44.96	54.00	-9.04	3	Horizontal	102	2.58
2412MHz	Pass	AV	2.4126G	101.80	Inf	-Inf	3	Horizontal	102	2.58
2412MHz	Pass	PK	2.3842G	56.69	74.00	-17.31	3	Horizontal	102	2.58
2412MHz	Pass	PK	2.4112G	114.09	Inf	-Inf	3	Horizontal	102	2.58
2412MHz	Pass	AV	4.83546G	31.36	54.00	-22.64	3	Vertical	343	1.50
2412MHz	Pass	PK	4.8273G	44.86	74.00	-29.14	3	Vertical	343	1.50
2412MHz	Pass	AV	4.8381G	31.49	54.00	-22.51	3	Horizontal	0	2.60
2412MHz	Pass	PK	4.81788G	45.13	74.00	-28.87	3	Horizontal	0	2.60
2437MHz	Pass	AV	2.3558G	44.96	54.00	-9.04	3	Vertical	137	1.89
2437MHz	Pass	AV	2.4362G	103.27	Inf	-Inf	3	Vertical	137	1.89
2437MHz	Pass	AV	2.487G	45.84	54.00	-8.16	3	Vertical	137	1.89
2437MHz	Pass	PK	2.3882G	57.04	74.00	-16.96	3	Vertical	137	1.89
2437MHz	Pass	PK	2.4366G	115.60	Inf	-Inf	3	Vertical	137	1.89
2437MHz	Pass	PK	2.4986G	57.72	74.00	-16.28	3	Vertical	137	1.89
2437MHz	Pass	AV	2.3482G	44.95	54.00	-9.05	3	Horizontal	122	1.08
2437MHz	Pass	AV	2.4362G	99.57	Inf	-Inf	3	Horizontal	122	1.08
2437MHz	Pass	AV	2.4922G	45.70	54.00	-8.30	3	Horizontal	122	1.08
2437MHz	Pass	PK	2.3718G	56.65	74.00	-17.35	3	Horizontal	122	1.08
2437MHz	Pass	PK	2.4358G	112.58	Inf	-Inf	3	Horizontal	122	1.08
2437MHz	Pass	PK	2.487G	58.03	74.00	-15.97	3	Horizontal	122	1.08
2437MHz	Pass	AV	4.889G	31.82	54.00	-22.18	3	Vertical	305	1.50
2437MHz	Pass	PK	4.8779G	45.66	74.00	-28.34	3	Vertical	305	1.50
2437MHz	Pass	AV	4.889G	31.81	54.00	-22.19	3	Horizontal	103	1.50
2437MHz	Pass	PK	4.8881G	45.87	74.00	-28.13	3	Horizontal	103	1.50
2462MHz	Pass	AV	2.4628G	105.43	Inf	-Inf	3	Vertical	188	2.01
2462MHz	Pass	AV	2.4835G	48.40	54.00	-5.60	3	Vertical	188	2.01
2462MHz	Pass	PK	2.4612G	118.30	Inf	-Inf	3	Vertical	188	2.01
2462MHz	Pass	PK	2.4848G	62.08	74.00	-11.92	3	Vertical	188	2.01
2462MHz	Pass	AV	2.4612G	100.95	Inf	-Inf	3	Horizontal	106	2.49
2462MHz	Pass	AV	2.4835G	46.68	54.00	-7.32	3	Horizontal	106	2.49
2462MHz	Pass	PK	2.4606G	113.31	Inf	-Inf	3	Horizontal	106	2.49
2462MHz	Pass	PK	2.4848G	58.54	74.00	-15.46	3	Horizontal	106	2.49
2462MHz	Pass	AV	4.93222G	32.24	54.00	-21.76	3	Vertical	87	1.50
2462MHz	Pass	PK	4.91362G	46.75	74.00	-27.25	3	Vertical	87	1.50
2462MHz	Pass	AV	4.93294G	32.31	54.00	-21.69	3	Horizontal	215	2.99
2462MHz	Pass	PK	4.93342G	46.10	74.00	-27.90	3	Horizontal	215	2.99



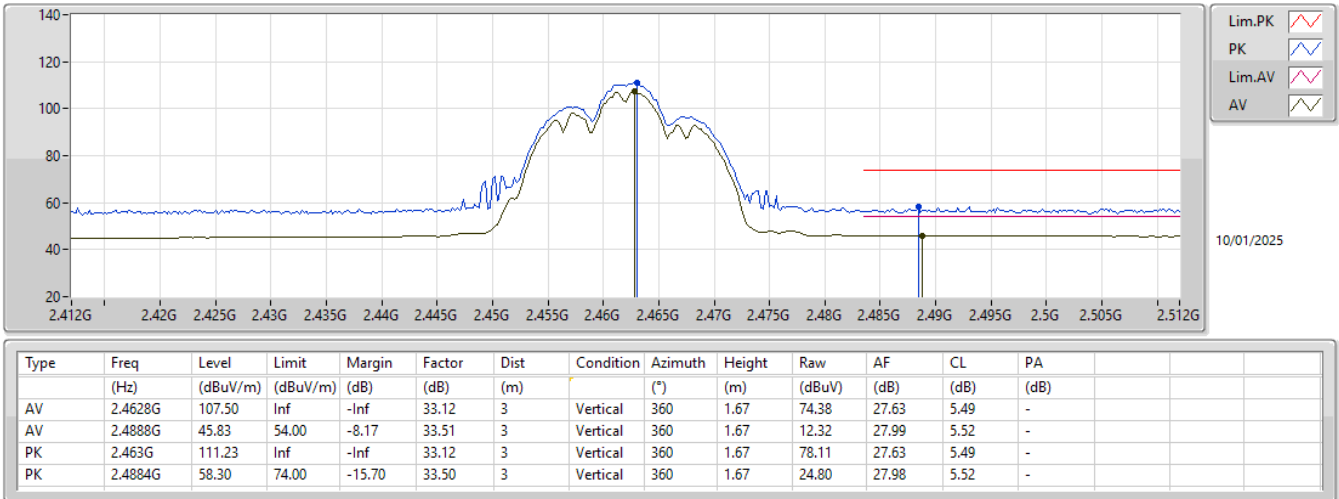
RSE TX above 1GHz Non-Beamforming Radio 1

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	45.08	54.00	-8.92	3	Vertical	188	1.82
2422MHz	Pass	AV	2.4228G	102.44	Inf	-Inf	3	Vertical	188	1.82
2422MHz	Pass	AV	2.484G	45.93	54.00	-8.07	3	Vertical	188	1.82
2422MHz	Pass	PK	2.354G	56.73	74.00	-17.27	3	Vertical	188	1.82
2422MHz	Pass	PK	2.4228G	116.09	Inf	-Inf	3	Vertical	188	1.82
2422MHz	Pass	PK	2.488G	57.90	74.00	-16.10	3	Vertical	188	1.82
2422MHz	Pass	AV	2.322G	44.96	54.00	-9.04	3	Horizontal	105	2.29
2422MHz	Pass	AV	2.4212G	98.91	Inf	-Inf	3	Horizontal	105	2.29
2422MHz	Pass	AV	2.4956G	45.72	54.00	-8.28	3	Horizontal	105	2.29
2422MHz	Pass	PK	2.3636G	57.57	74.00	-16.43	3	Horizontal	105	2.29
2422MHz	Pass	PK	2.4212G	111.31	Inf	-Inf	3	Horizontal	105	2.29
2422MHz	Pass	PK	2.4864G	57.34	74.00	-16.66	3	Horizontal	105	2.29
2422MHz	Pass	AV	4.86836G	31.73	54.00	-22.27	3	Vertical	349	1.50
2422MHz	Pass	PK	4.83332G	45.22	74.00	-28.78	3	Vertical	349	1.50
2422MHz	Pass	AV	4.87364G	31.71	54.00	-22.29	3	Horizontal	29	1.50
2422MHz	Pass	PK	4.86644G	45.57	74.00	-28.43	3	Horizontal	29	1.50
2437MHz	Pass	AV	2.3554G	44.97	54.00	-9.03	3	Vertical	187	2.05
2437MHz	Pass	AV	2.4378G	102.47	Inf	-Inf	3	Vertical	187	2.05
2437MHz	Pass	AV	2.4835G	46.21	54.00	-7.79	3	Vertical	187	2.05
2437MHz	Pass	PK	2.3434G	57.33	74.00	-16.67	3	Vertical	187	2.05
2437MHz	Pass	PK	2.4382G	115.63	Inf	-Inf	3	Vertical	187	2.05
2437MHz	Pass	PK	2.4902G	57.66	74.00	-16.34	3	Vertical	187	2.05
2437MHz	Pass	AV	2.349G	44.93	54.00	-9.07	3	Horizontal	118	2.20
2437MHz	Pass	AV	2.4286G	92.92	Inf	-Inf	3	Horizontal	118	2.20
2437MHz	Pass	AV	2.4835G	46.27	54.00	-7.73	3	Horizontal	118	2.20
2437MHz	Pass	PK	2.3678G	57.51	74.00	-16.49	3	Horizontal	118	2.20
2437MHz	Pass	PK	2.429G	105.39	Inf	-Inf	3	Horizontal	118	2.20
2437MHz	Pass	PK	2.4842G	57.68	74.00	-16.32	3	Horizontal	118	2.20
2437MHz	Pass	AV	4.89656G	32.04	54.00	-21.96	3	Vertical	262	1.50
2437MHz	Pass	PK	4.8956G	45.77	74.00	-28.23	3	Vertical	262	1.50
2437MHz	Pass	AV	4.8932G	32.08	54.00	-21.92	3	Horizontal	3	2.42
2437MHz	Pass	PK	4.8962G	45.86	74.00	-28.14	3	Horizontal	3	2.42
2452MHz	Pass	AV	2.352G	44.93	54.00	-9.07	3	Vertical	137	2.05
2452MHz	Pass	AV	2.4504G	101.55	Inf	-Inf	3	Vertical	137	2.05
2452MHz	Pass	AV	2.4856G	51.61	54.00	-2.39	3	Vertical	137	2.05
2452MHz	Pass	PK	2.3816G	56.74	74.00	-17.26	3	Vertical	137	2.05
2452MHz	Pass	PK	2.45G	113.11	Inf	-Inf	3	Vertical	137	2.05
2452MHz	Pass	PK	2.4892G	64.95	74.00	-9.05	3	Vertical	137	2.05
2452MHz	Pass	AV	2.3544G	44.94	54.00	-9.06	3	Horizontal	121	1.48
2452MHz	Pass	AV	2.4512G	97.81	Inf	-Inf	3	Horizontal	121	1.48
2452MHz	Pass	AV	2.4876G	48.98	54.00	-5.02	3	Horizontal	121	1.48
2452MHz	Pass	PK	2.3808G	56.89	74.00	-17.11	3	Horizontal	121	1.48
2452MHz	Pass	PK	2.4512G	110.57	Inf	-Inf	3	Horizontal	121	1.48
2452MHz	Pass	PK	2.4916G	62.42	74.00	-11.58	3	Horizontal	121	1.48
2452MHz	Pass	AV	4.93316G	32.14	54.00	-21.86	3	Vertical	29	3.00
2452MHz	Pass	PK	4.93172G	45.66	74.00	-28.34	3	Vertical	29	3.00
2452MHz	Pass	AV	4.9292G	32.33	54.00	-21.67	3	Horizontal	336	1.50
2452MHz	Pass	PK	4.89212G	46.05	74.00	-27.95	3	Horizontal	336	1.50

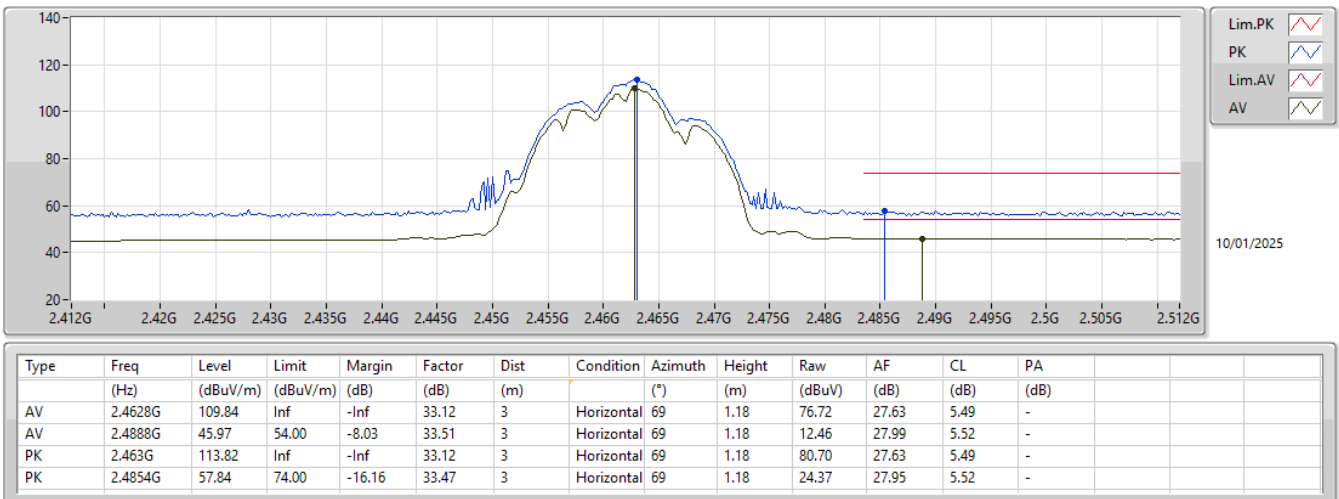
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2462MHz_TX



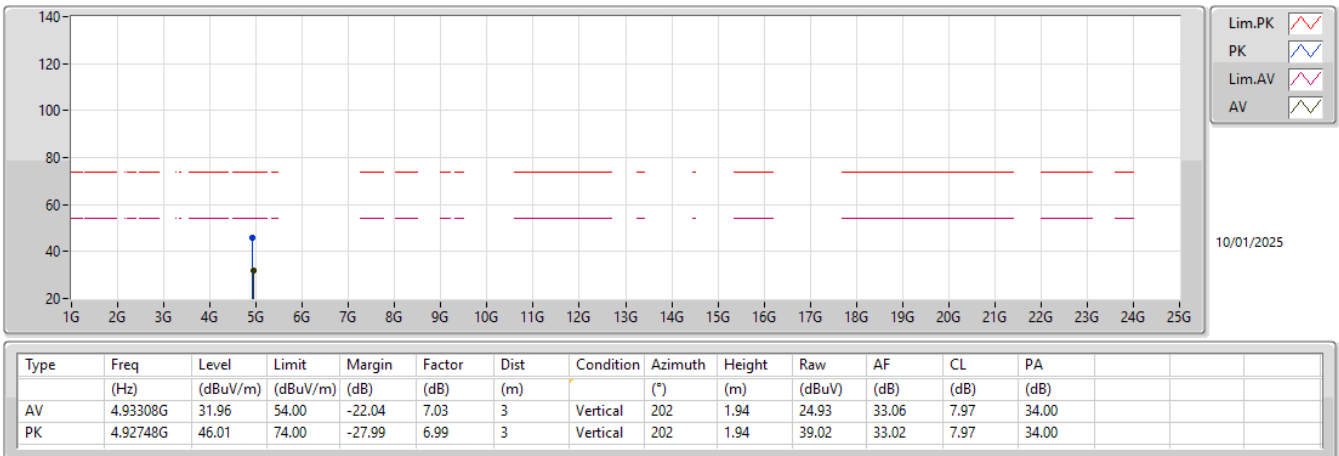
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2462MHz_TX



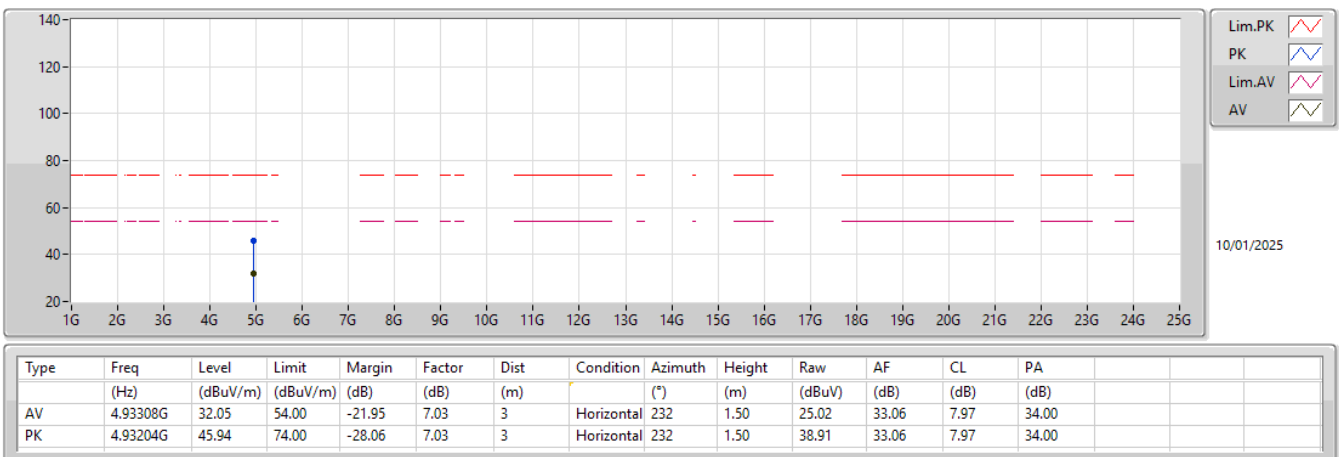
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2462MHz_TX



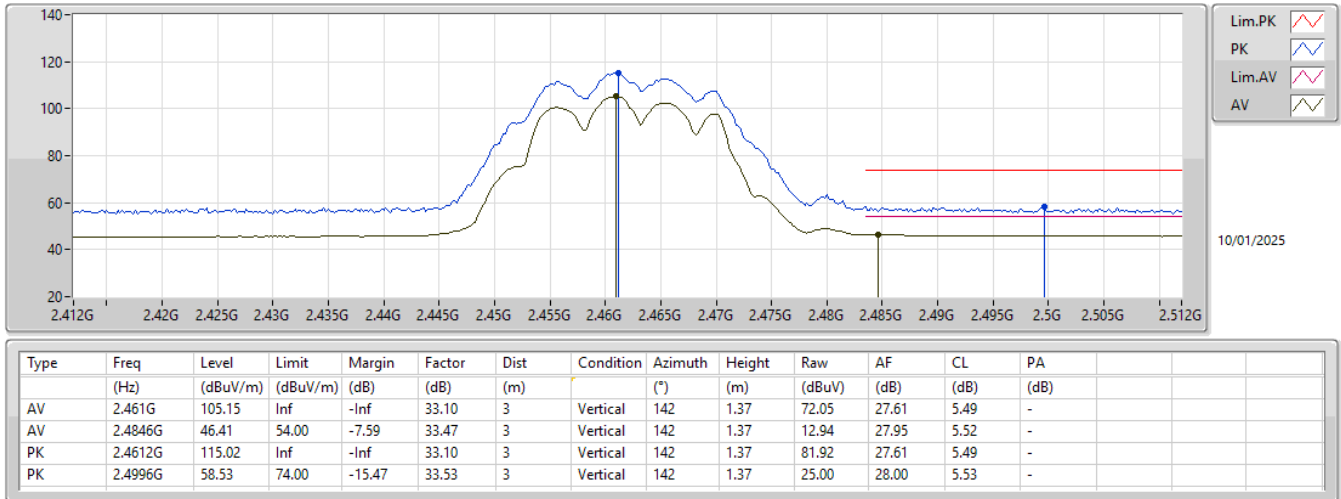
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



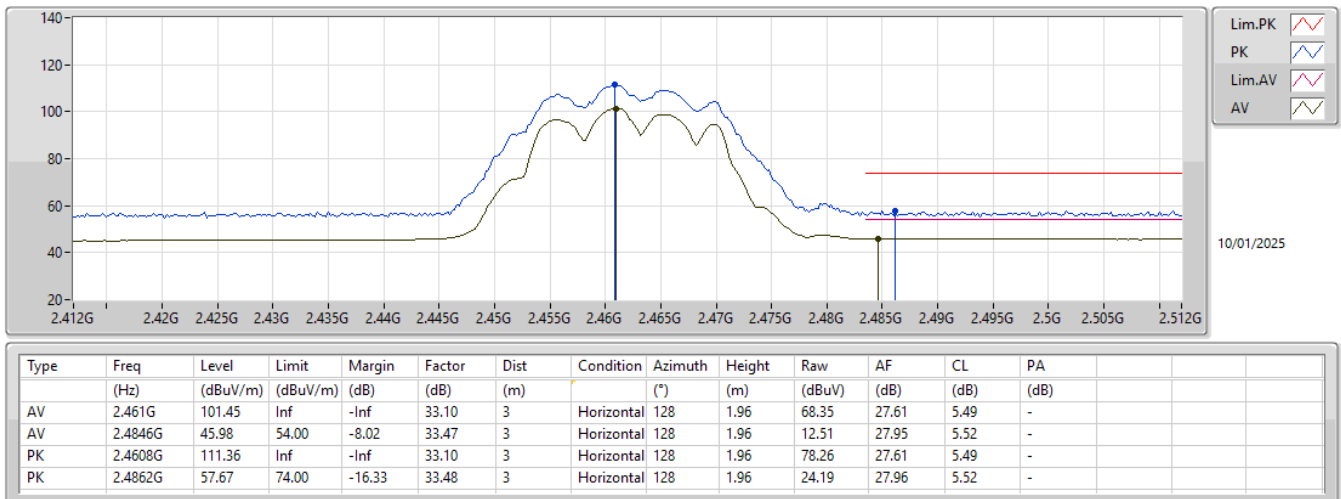
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



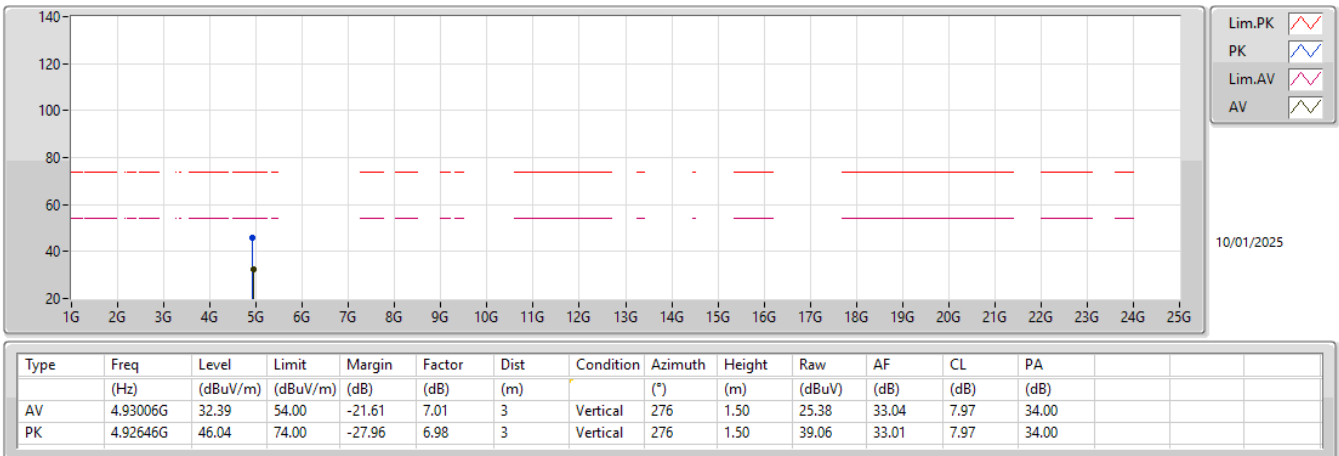
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



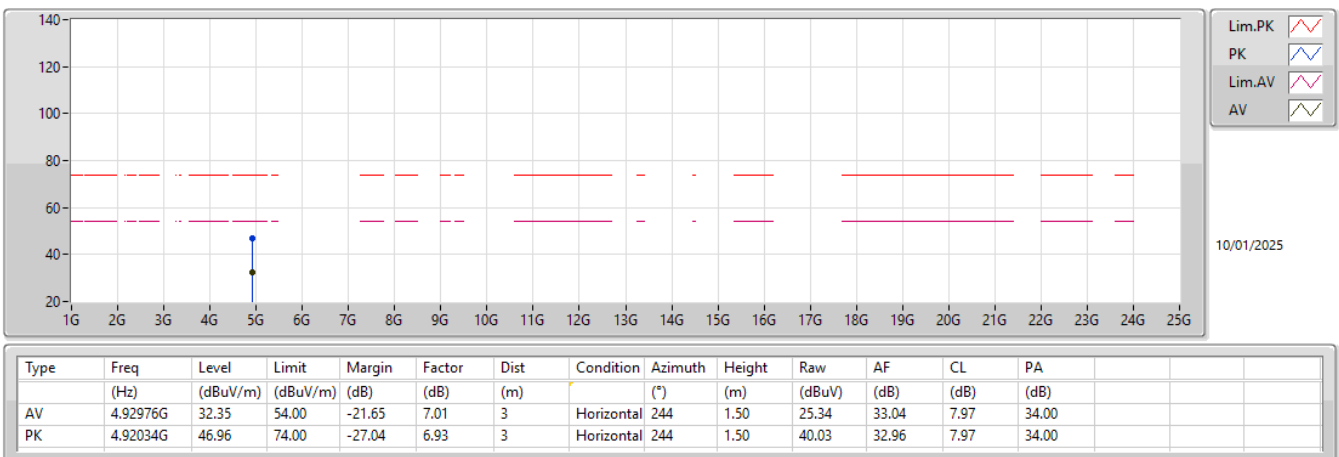
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2462MHz_TX



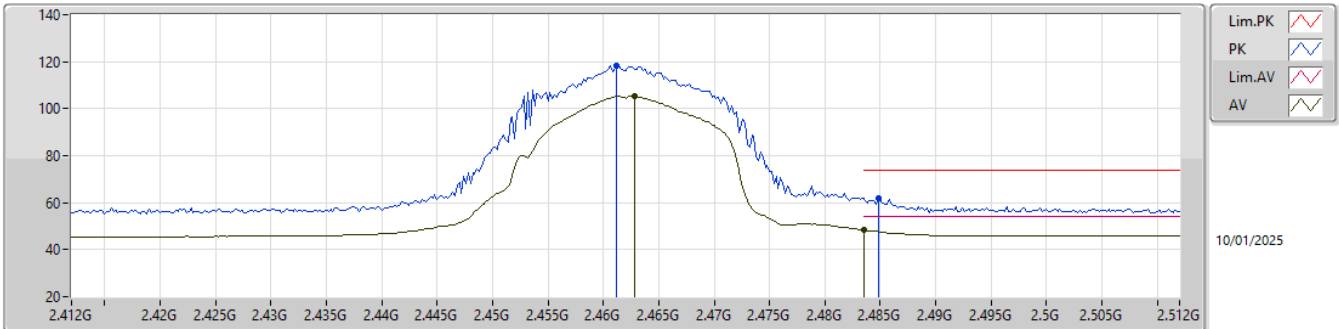
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



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

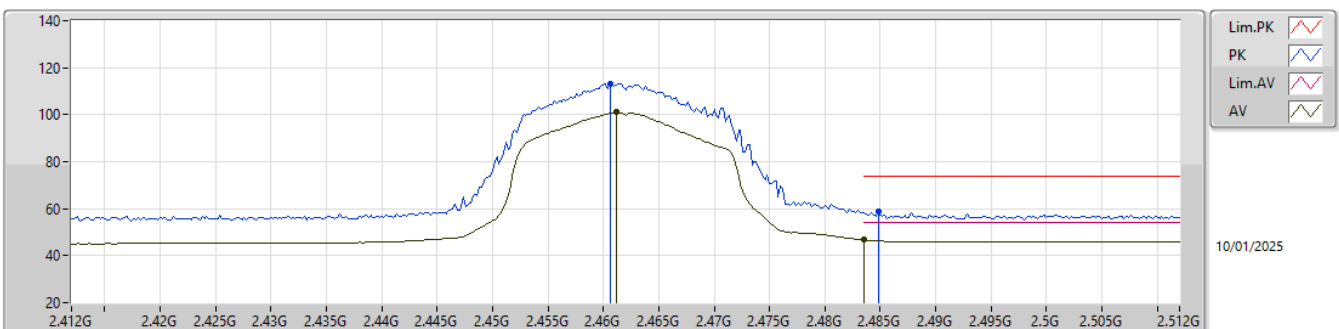
2462MHz_TX



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	2.4628G	105.43	Inf	-Inf	33.12	3	Vertical	188	2.01	72.31	27.63	5.49	-
AV	2.4835G	48.40	54.00	-5.60	33.44	3	Vertical	188	2.01	14.96	27.93	5.51	-
PK	2.4612G	118.30	Inf	-Inf	33.10	3	Vertical	188	2.01	85.20	27.61	5.49	-
PK	2.4848G	62.08	74.00	-11.92	33.47	3	Vertical	188	2.01	28.61	27.95	5.52	-

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

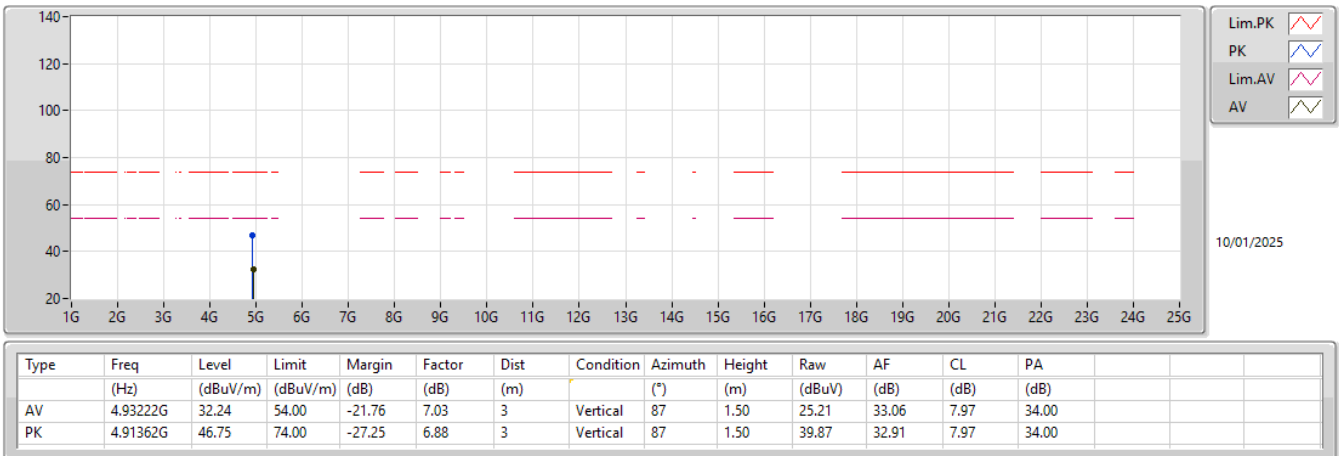
2462MHz_TX



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	2.4612G	100.95	Inf	-Inf	33.10	3	Horizontal	106	2.49	67.85	27.61	5.49	-
AV	2.4835G	46.68	54.00	-7.32	33.44	3	Horizontal	106	2.49	13.24	27.93	5.51	-
PK	2.4606G	113.31	Inf	-Inf	33.10	3	Horizontal	106	2.49	80.21	27.61	5.49	-
PK	2.4848G	58.54	74.00	-15.46	33.47	3	Horizontal	106	2.49	25.07	27.95	5.52	-

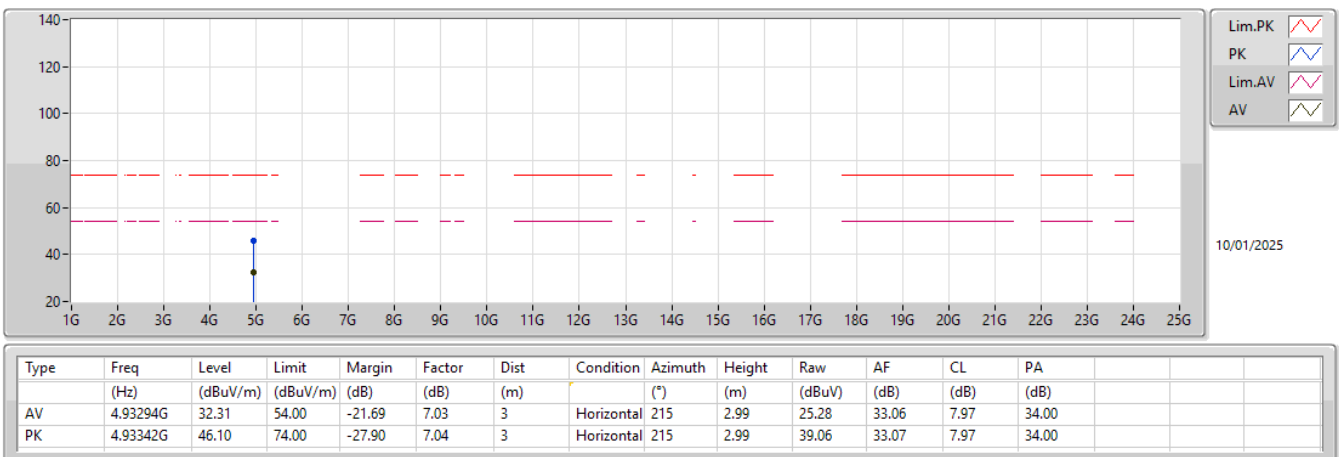
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2462MHz_TX



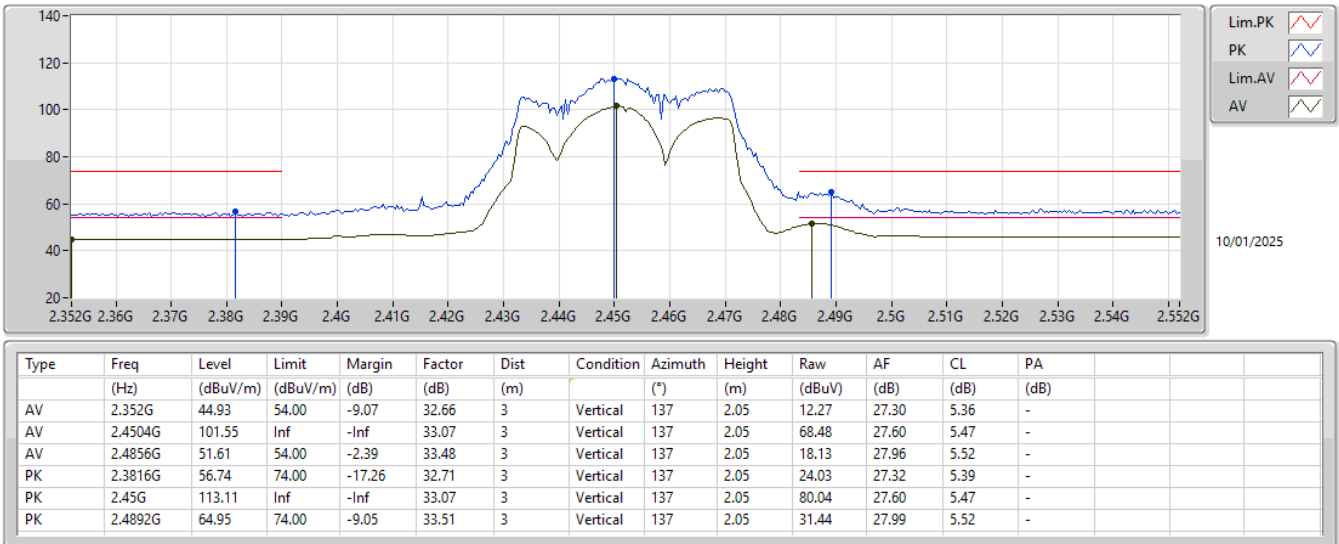
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2462MHz_TX



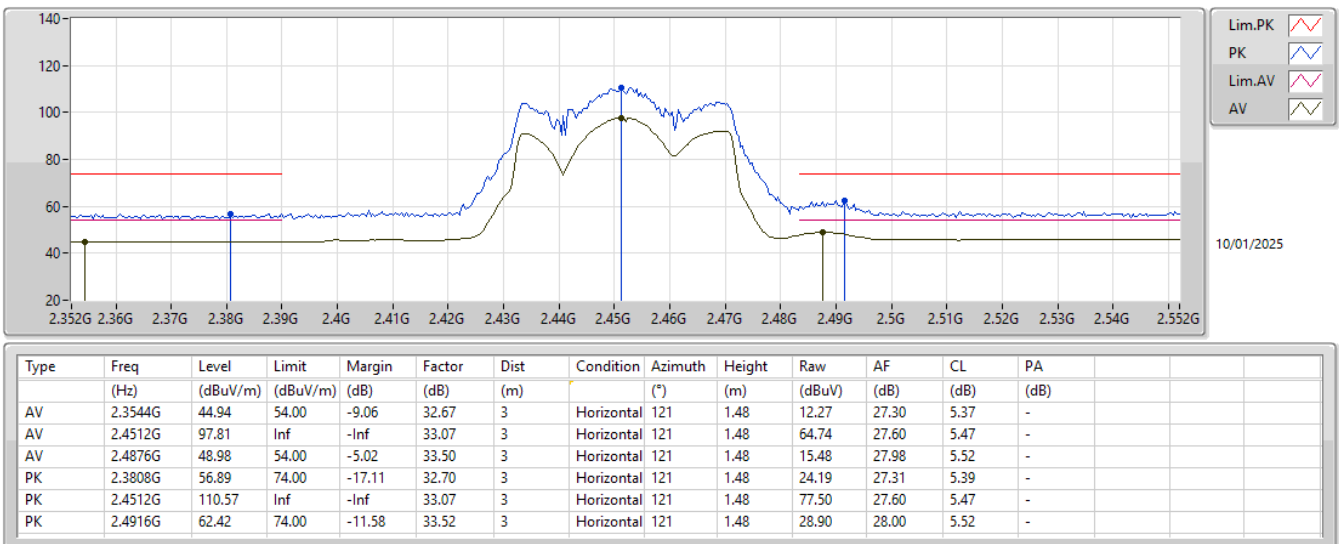
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



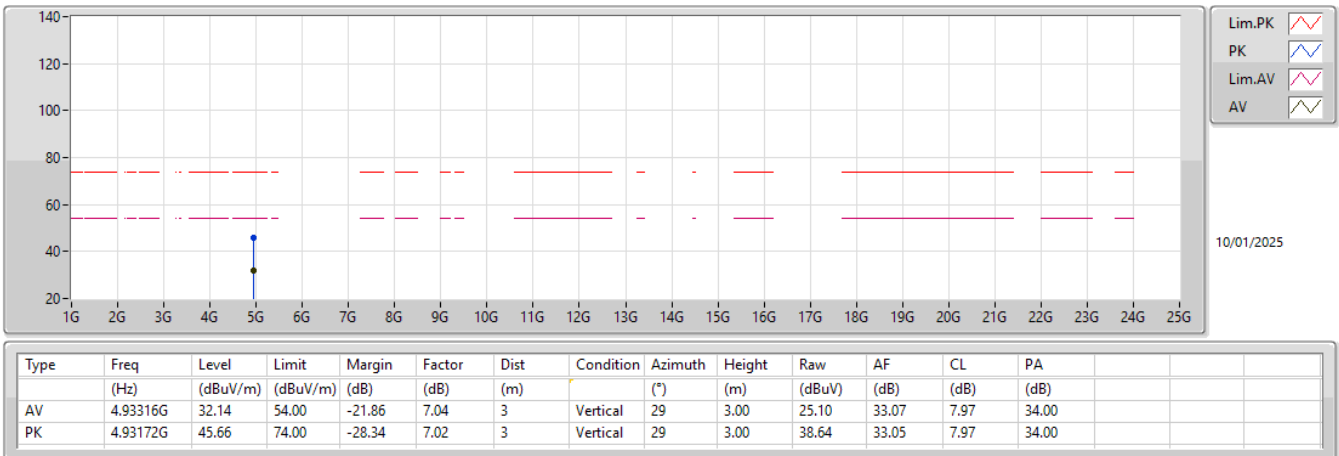
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2452MHz_TX



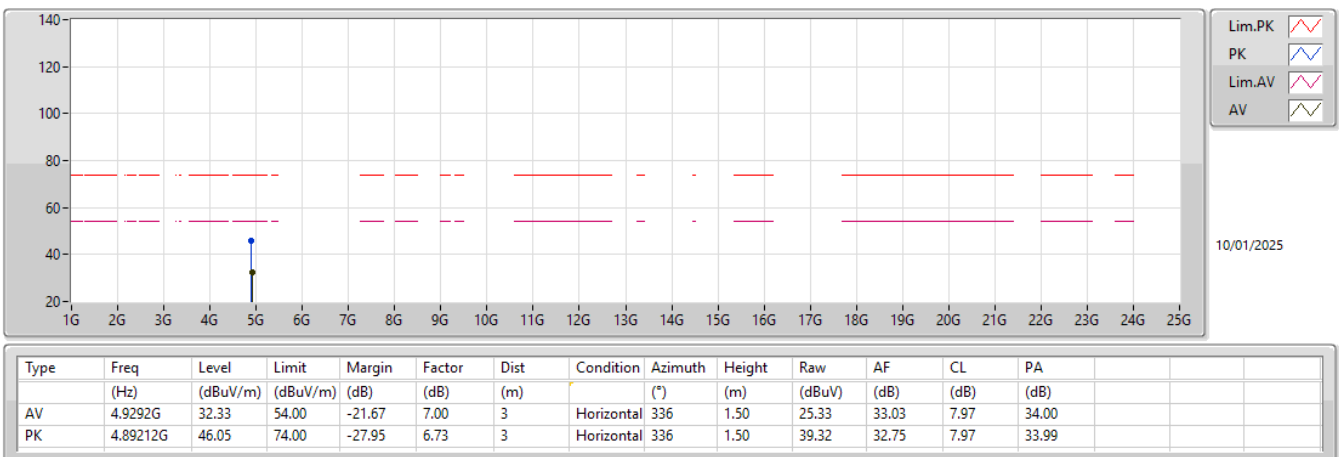
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2452MHz_TX





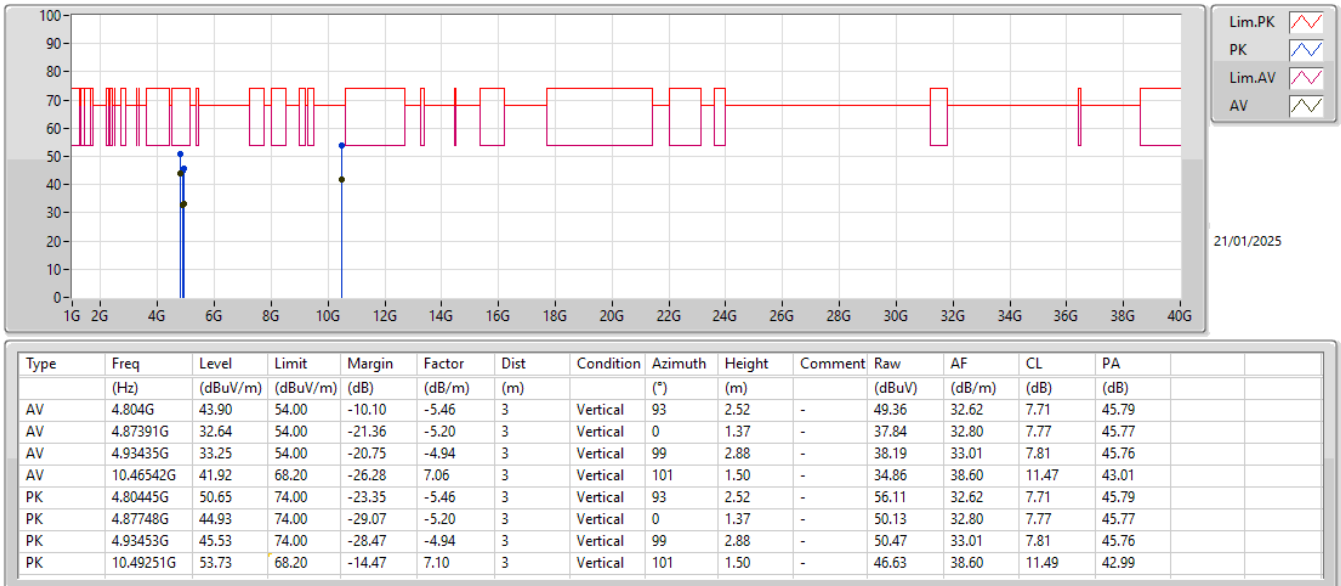
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.80394G	51.00	54.00	-3.00	Horizontal
Mode 2	Pass	AV	4.80394G	50.78	54.00	-3.22	Horizontal

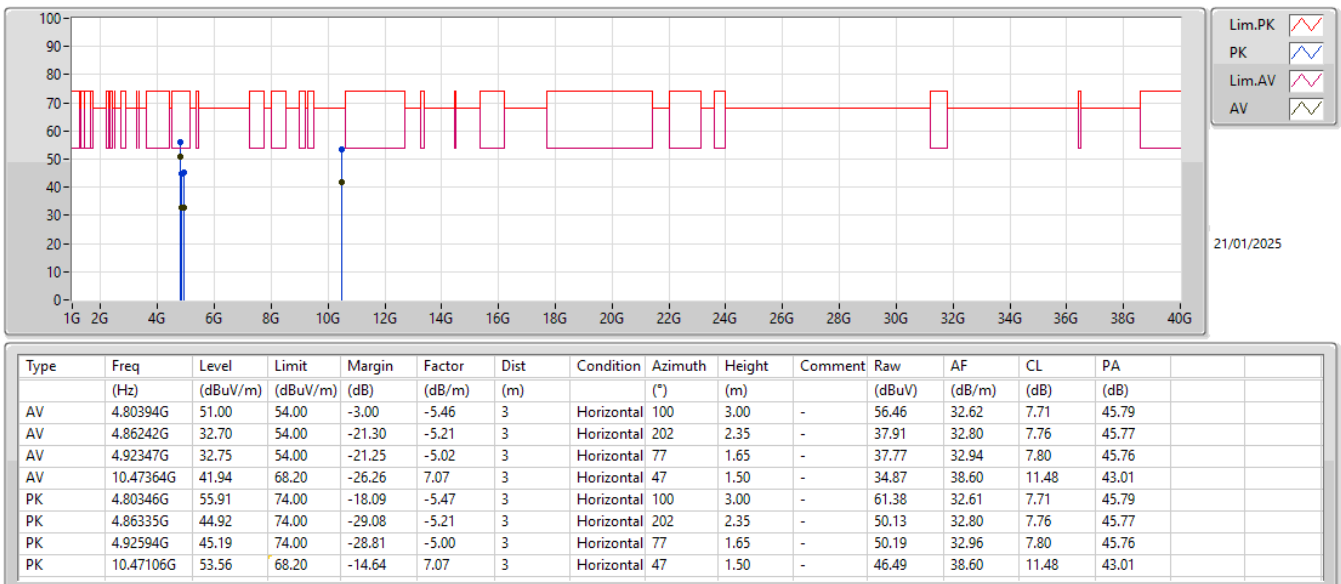
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.804G	43.90	54.00	-10.10	3	Vertical	93	2.52	-
Mode 1	Pass	AV	4.87391G	32.64	54.00	-21.36	3	Vertical	0	1.37	-
Mode 1	Pass	AV	4.93435G	33.25	54.00	-20.75	3	Vertical	99	2.88	-
Mode 1	Pass	AV	10.46542G	41.92	68.20	-26.28	3	Vertical	101	1.50	-
Mode 1	Pass	PK	4.80445G	50.65	74.00	-23.35	3	Vertical	93	2.52	-
Mode 1	Pass	PK	4.87748G	44.93	74.00	-29.07	3	Vertical	0	1.37	-
Mode 1	Pass	PK	4.93453G	45.53	74.00	-28.47	3	Vertical	99	2.88	-
Mode 1	Pass	PK	10.49251G	53.73	68.20	-14.47	3	Vertical	101	1.50	-
Mode 1	Pass	AV	4.80394G	51.00	54.00	-3.00	3	Horizontal	100	3.00	-
Mode 1	Pass	AV	4.86242G	32.70	54.00	-21.30	3	Horizontal	202	2.35	-
Mode 1	Pass	AV	4.92347G	32.75	54.00	-21.25	3	Horizontal	77	1.65	-
Mode 1	Pass	AV	10.47364G	41.94	68.20	-26.26	3	Horizontal	47	1.50	-
Mode 1	Pass	PK	4.80346G	55.91	74.00	-18.09	3	Horizontal	100	3.00	-
Mode 1	Pass	PK	4.86335G	44.92	74.00	-29.08	3	Horizontal	202	2.35	-
Mode 1	Pass	PK	4.92594G	45.19	74.00	-28.81	3	Horizontal	77	1.65	-
Mode 1	Pass	PK	10.47106G	53.56	68.20	-14.64	3	Horizontal	47	1.50	-
Mode 2	Pass	AV	4.80403G	43.52	54.00	-10.48	3	Vertical	91	2.50	-
Mode 2	Pass	AV	4.87299G	33.12	54.00	-21.35	3	Vertical	152	2.13	-
Mode 2	Pass	AV	10.37104G	42.05	68.20	-26.15	3	Vertical	161	1.00	-
Mode 2	Pass	AV	10.48915G	42.14	68.20	-26.06	3	Vertical	96	1.16	-
Mode 2	Pass	PK	4.8034G	50.22	74.00	-23.78	3	Vertical	91	2.50	-
Mode 2	Pass	PK	4.87412G	44.97	74.00	-29.03	3	Vertical	152	2.13	-
Mode 2	Pass	PK	10.34563G	54.39	68.20	-13.81	3	Vertical	161	1.00	-
Mode 2	Pass	PK	10.47796G	54.46	68.20	-13.74	3	Vertical	96	1.16	-
Mode 2	Pass	AV	4.80394G	50.78	54.00	-3.22	3	Horizontal	99	3.00	-
Mode 2	Pass	AV	4.87549G	32.66	54.00	-21.34	3	Horizontal	53	1.77	-
Mode 2	Pass	AV	10.3735G	42.20	68.20	-26.00	3	Horizontal	106	1.84	-
Mode 2	Pass	AV	10.47787G	42.18	68.20	-26.02	3	Horizontal	315	1.50	-
Mode 2	Pass	PK	4.80445G	55.66	74.00	-18.34	3	Horizontal	99	3.00	-
Mode 2	Pass	PK	4.87394G	45.03	74.00	-28.97	3	Horizontal	53	1.77	-
Mode 2	Pass	PK	10.37467G	54.12	68.20	-14.08	3	Horizontal	106	1.84	-
Mode 2	Pass	PK	10.48957G	53.81	68.20	-14.39	3	Horizontal	315	1.50	-

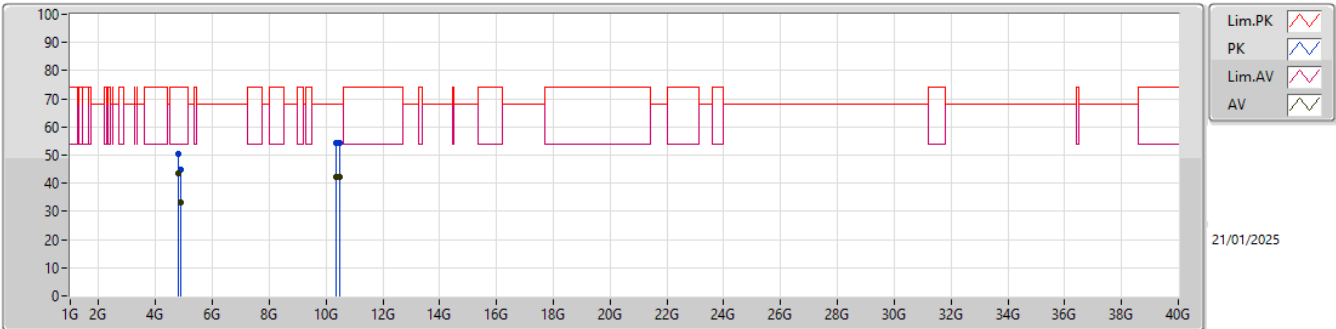
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

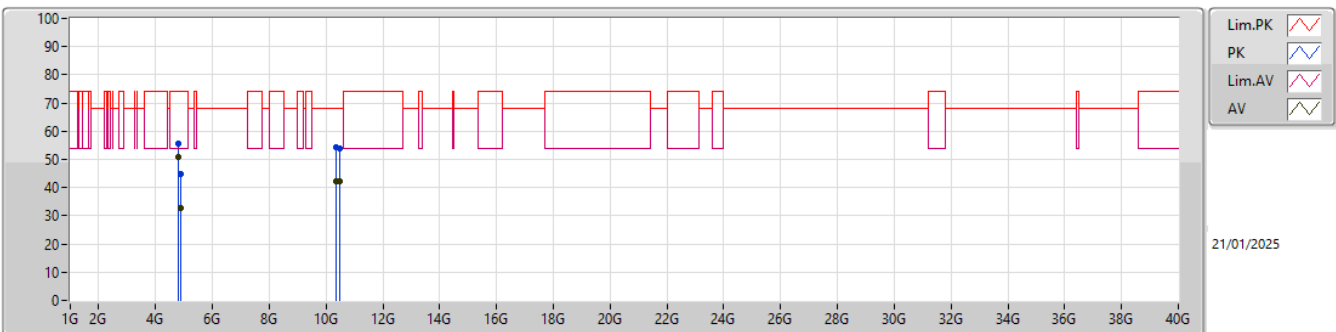


Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80403G	43.52	54.00	-10.48	-5.46	3	Vertical	91	2.50	-	48.98	32.62	7.71	45.79
AV	4.87299G	33.12	54.00	-21.35	-5.21	3	Vertical	152	2.13	-	37.86	32.80	7.76	45.77
AV	10.37104G	42.05	68.20	-26.15	7.05	3	Vertical	161	1.00	-	35.00	38.70	11.42	43.07
AV	10.48915G	42.14	68.20	-26.06	7.09	3	Vertical	96	1.16	-	35.05	38.60	11.49	43.00
PK	4.8034G	50.22	74.00	-23.78	-5.47	3	Vertical	91	2.50	-	55.69	32.61	7.71	45.79
PK	4.87412G	44.97	74.00	-29.03	-5.20	3	Vertical	152	2.13	-	50.17	32.80	7.77	45.77
PK	10.34563G	54.39	68.20	-13.81	7.02	3	Vertical	161	1.00	-	47.37	38.69	11.41	43.08
PK	10.47796G	54.46	68.20	-13.74	7.08	3	Vertical	96	1.16	-	47.38	38.60	11.48	43.00

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80394G	50.78	54.00	-3.22	-5.46	3	Horizontal	99	3.00	-	56.24	32.62	7.71	45.79
AV	4.87549G	32.66	54.00	-21.34	-5.20	3	Horizontal	53	1.77	-	37.86	32.80	7.77	45.77
AV	10.3735G	42.20	68.20	-26.00	7.05	3	Horizontal	106	1.84	-	35.15	38.70	11.42	43.07
AV	10.47787G	42.18	68.20	-26.02	7.08	3	Horizontal	315	1.50	-	35.10	38.60	11.48	43.00
PK	4.80445G	55.66	74.00	-18.34	-5.46	3	Horizontal	99	3.00	-	61.12	32.62	7.71	45.79
PK	4.87394G	45.03	74.00	-28.97	-5.20	3	Horizontal	53	1.77	-	50.23	32.80	7.77	45.77
PK	10.37467G	54.12	68.20	-14.08	7.05	3	Horizontal	106	1.84	-	47.07	38.70	11.42	43.07
PK	10.48957G	53.81	68.20	-14.39	7.09	3	Horizontal	315	1.50	-	46.72	38.60	11.49	43.00