



FCC Radio Test Report

FCC ID : TOR-C460
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-460
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 Sep. 25, 2023, and testing was started from Jan. 10, 2024 and completed on Mar. 06, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR392143AC	01	Initial issue of report	May 15, 2024

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: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Radio 0

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax(HEW40)	2422-2452	3-9 [7]

Radio 0_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Radio 0_Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

**Radio 1**

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]

Radio 1_Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11be EHT20	20	4TX
2.4-2.4835GHz	802.11be EHT40	40	4TX

Radio 1_Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	4TX
2.4-2.4835GHz	802.11be EHT40-BF	40	4TX

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	C393-510253-A	Dipole	I-Pex	6E	Radio 2
2	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
3	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
4	WHAYU	C393-510253-A	Dipole	I-Pex	6E	Radio 2
5	WHAYU	C393-510253-A	PIFA	I-Pex	Scan 2.4G+5G+6E	Radio 0
6	WHAYU	C393-510253-A	PIFA	I-Pex	Scan 2.4G+5G+6E	Radio 0
7	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
8	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
9	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
10	WHAYU	C393-510253-A	PIFA	I-Pex	2.4G+5G	Radio 1_2.4G Radio 3_5G
11	WHAYU	C393-510253-A	Dipole	I-Pex	BT	-
12	WHAYU	C393-510253-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	-	-	-	-	-	4.41	4.44	4.06	3.96	-	-
2	2	-	-	-	-	-	5.42	4.8	4.15	4.72	-	-
3	3	-	-	-	-	-	5.35	5.01	5.61	4.45	-	-
4	4	-	-	-	-	-	4.2	3.99	4.51	5.75	-	-
5	1	4.2	6.1				6.4				-	-
6	2	4.3	6.3				6.5				-	-
7	1	2.52	5.01	4.18	4.47	4.79	-	-	-	-	-	-
8	2	2.26	4.71	4.72	4.48	5.01	-	-	-	-	-	-
9	3	2.81	3.56	3.49	5.25	4.23	-	-	-	-	-	-
10	4	2.36	5.14	4.59	4.41	4.31	-	-	-	-	-	-
11	1	-	-	-	-	-	-	-	-	-	4.8	-
12	1	-	-	-	-	-	-	-	-	-	-	2.7



Composite Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	6.175G	6.475G	6.695G	6.995G
DG [1SS]	5.74	7.95	7.31	8.43	8.69	7.81	7.66	6.82	6.65
DG [2SS]	2.81	5.14	4.72	5.43	5.69	5.42	5.01	5.61	5.75
DG [4SS]	2.81	5.14	4.72	5.25	5.01	5.42	5.01	5.61	5.75

Note 1: The EUT has twelve antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP392143.

For 2.4GHz function:

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

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

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) < **Radio 1** >

Ant. 7 (port 1), Ant. 8 (port 2), Ant. 9 (port 3) and Ant. 10 (port 4) could transmit/receive simultaneously.

For 5GHz function:

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

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

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) < **Radio 3** >

Ant. 7 (port 1), Ant. 8 (port 2), Ant. 9 (port 3) and Ant. 10 (port 4) could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11axmode (2TX/2RX) < **Radio 0** >

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

For IEEE 802.11 ax/be mode (4TX/4RX) < **Radio 2** >

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

For BT function:

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

Ant. 11 could transmit/receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit(802.11ax)	☒ 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

Radio 0_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.664	1.78	664.688u	3k
802.11g_Nss1,(6Mbps)_2TX	0.946	0.24	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300

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

Radio 1_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_4TX	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_4TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

**Radio 0_Beamforming**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.809	0.92	5.447m	300

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

Radio 1_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.997	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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

1.2 Testing Applied Standards

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

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

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 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Wayne Chiu	22.5~23.2°C / 54~57%	02/Feb/2024
RF Conducted	TH07-HY	Xun Hsieh	22.3~22.5°C / 53~56%	16/Jan/2024~17/Jan/2024
Radiated (Co-location)	03CH02-HY	Darren Cho	21.8~22.7°C / 56~59%	05/Mar/2024~06/Mar/2024
☒ 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	03CH26-HY	Rian Zhong	21.9~23.4°C / 55~58%	10/Jan/2024~24/Feb/2024

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
------------------------------	------------------------------------

Radio 0_Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	16.5
2437MHz	16.5
2462MHz	16.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16.5
2437MHz	16.5
2462MHz	16.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	16.5
2437MHz	16.5
2462MHz	16.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5

**Radio 1_Non-Beamforming**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	19
2437MHz	19
2462MHz	19
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	19
2437MHz	19
2457MHz	18.5
2462MHz	18.5
802.11be EHT20_Nss1,(MCS0)_4TX	-
2412MHz	19
2437MHz	19
2457MHz	18.5
2462MHz	17
802.11be EHT40_Nss1,(MCS0)_4TX	-
2422MHz	18.5
2427MHz	19
2437MHz	19
2447MHz	17.5
2452MHz	15

**Radio 0_Beamforming**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	16.5
2437MHz	16.5
2462MHz	16.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5

Radio 1_Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	19
2437MHz	19
2457MHz	18.5
2462MHz	17
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	18.5
2427MHz	19
2437MHz	19
2447MHz	17.5
2452MHz	15

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter Mode		
2	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V(Radio 0)		V(Radio 1)



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 2.4GHz) + Bluetooth
2	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 5GHz) + Bluetooth
3	Radio 1 + Radio 3 + Radio 2 + Radio 0 (WLAN 6GHz) + Bluetooth
Refer to Sporton Test Report No.: FA392143 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

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

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

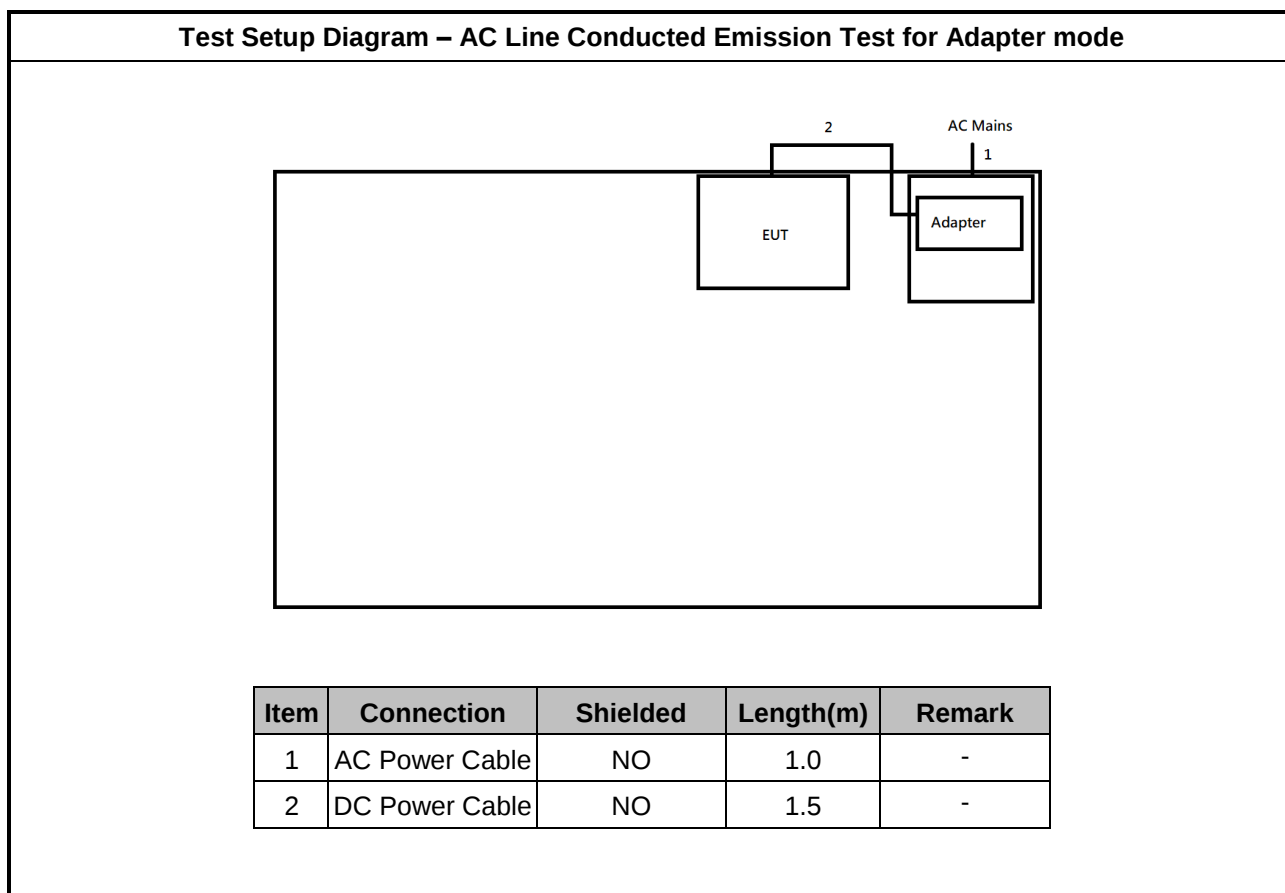
2.4 Support Equipment

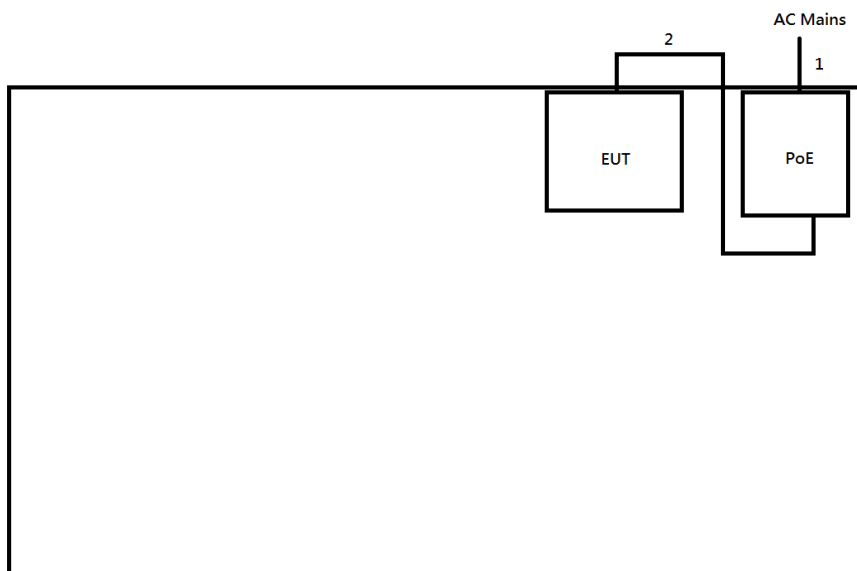
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer
2	RJ45 Cable	Power sync	CAT-6E-03	-	-
3	PoE	PHIHONG	POE60U-1BT-5	-	-
4	AC Power Cable	Power sync	PW-GPC180-3	-	-

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

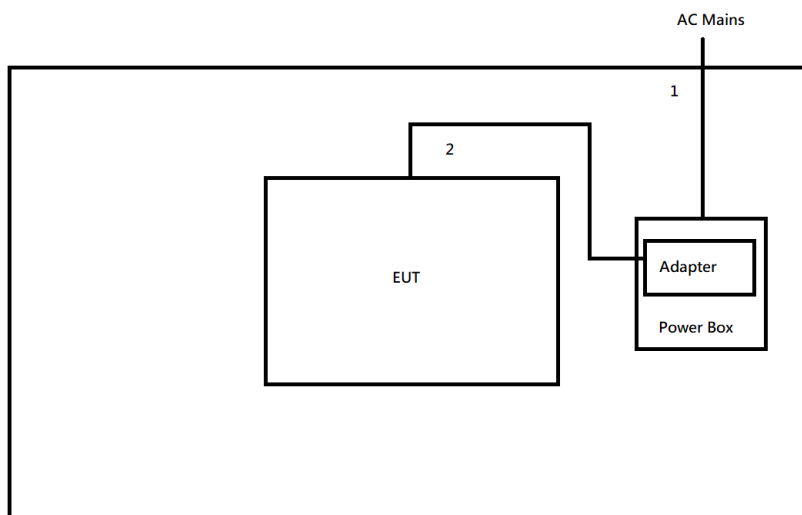
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer
2	RJ45 Cable	Power sync	CAT-6E-03	-	-
3	AC Power Cable (Remote)	Power sync	PW-GPC180-3	-	-
4	PoE (Remote)	PHIHONG	POE60U-1BT-5	-	-

2.5 Test Setup Diagram

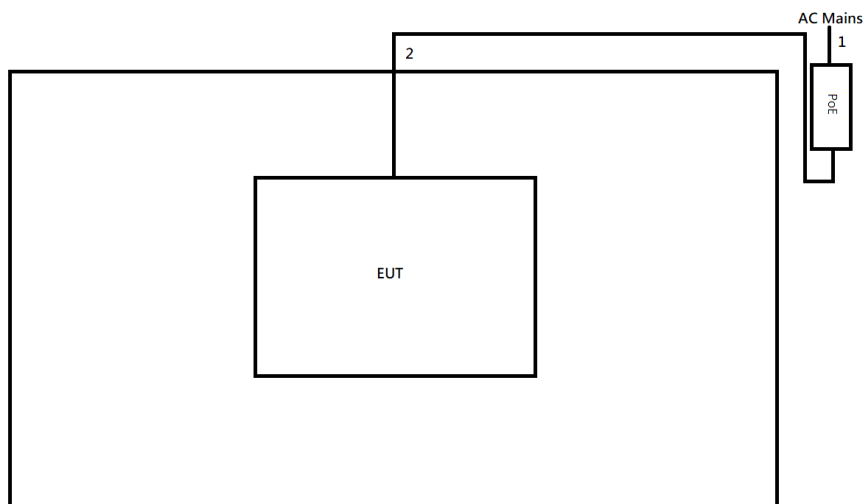


Test Setup Diagram – AC Line Conducted Emission Test for PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	NO	1.8	-
2	RJ45 Cable	NO	3.0	-

Test Setup Diagram - Radiated Test for Adapter mode


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

Test Setup Diagram - Radiated Test for PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	NO	1.8	-
2	RJ45 Cable	NO	3.0	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

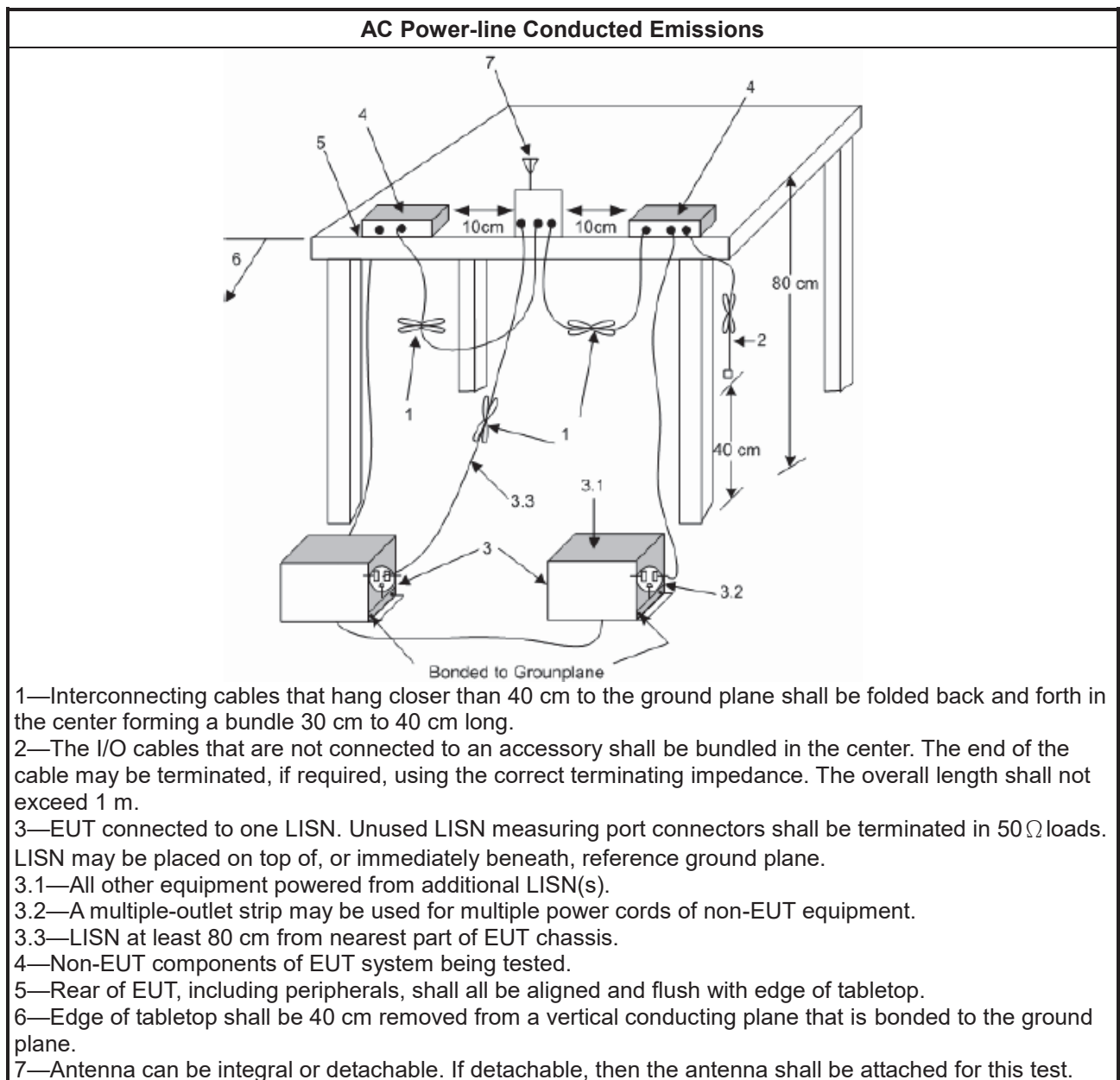
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

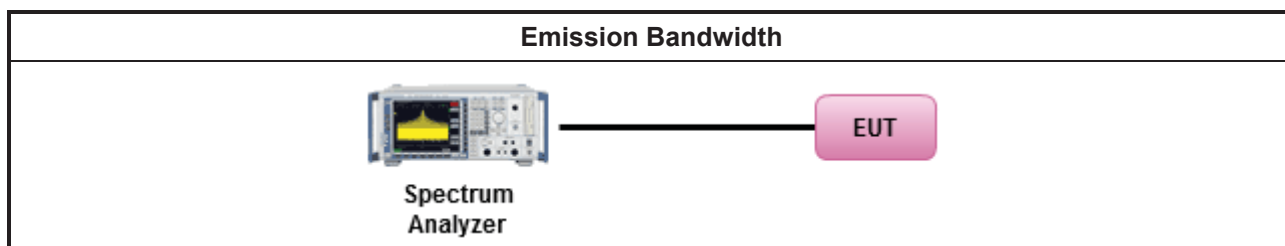
3.2.2 Measuring Instruments

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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB 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.	

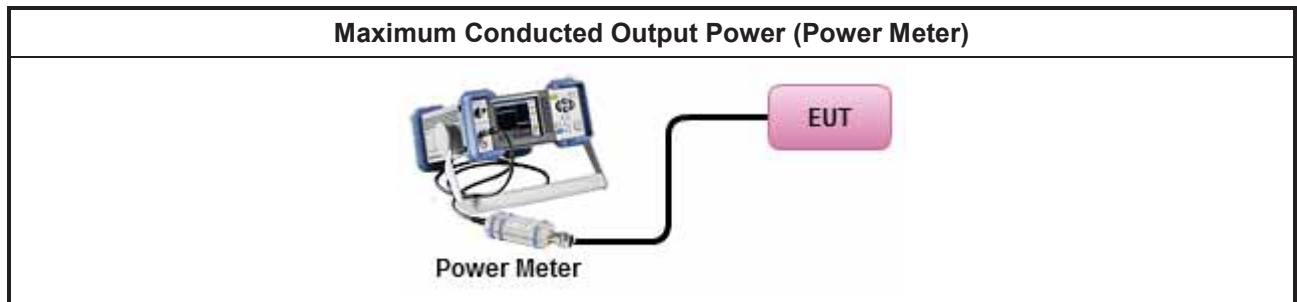
3.3.2 Measuring Instruments

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

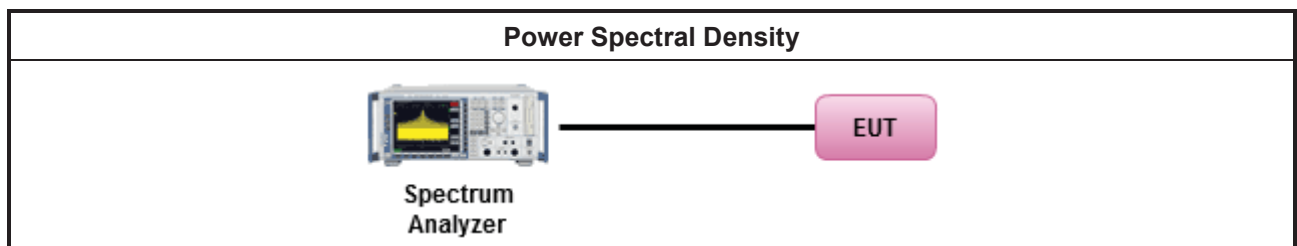
3.4.2 Measuring Instruments

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.	

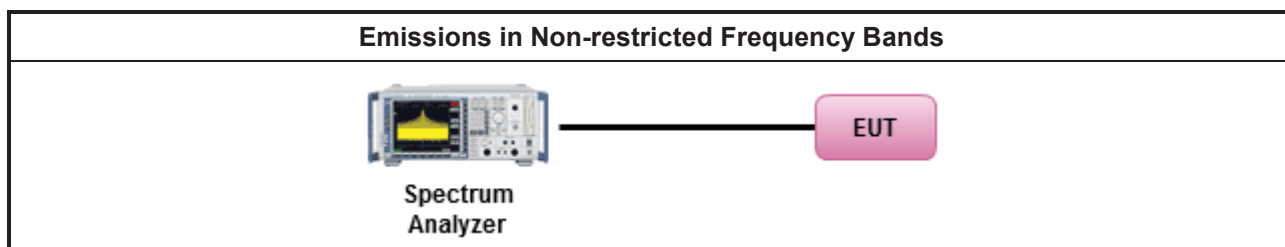
3.5.2 Measuring Instruments

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

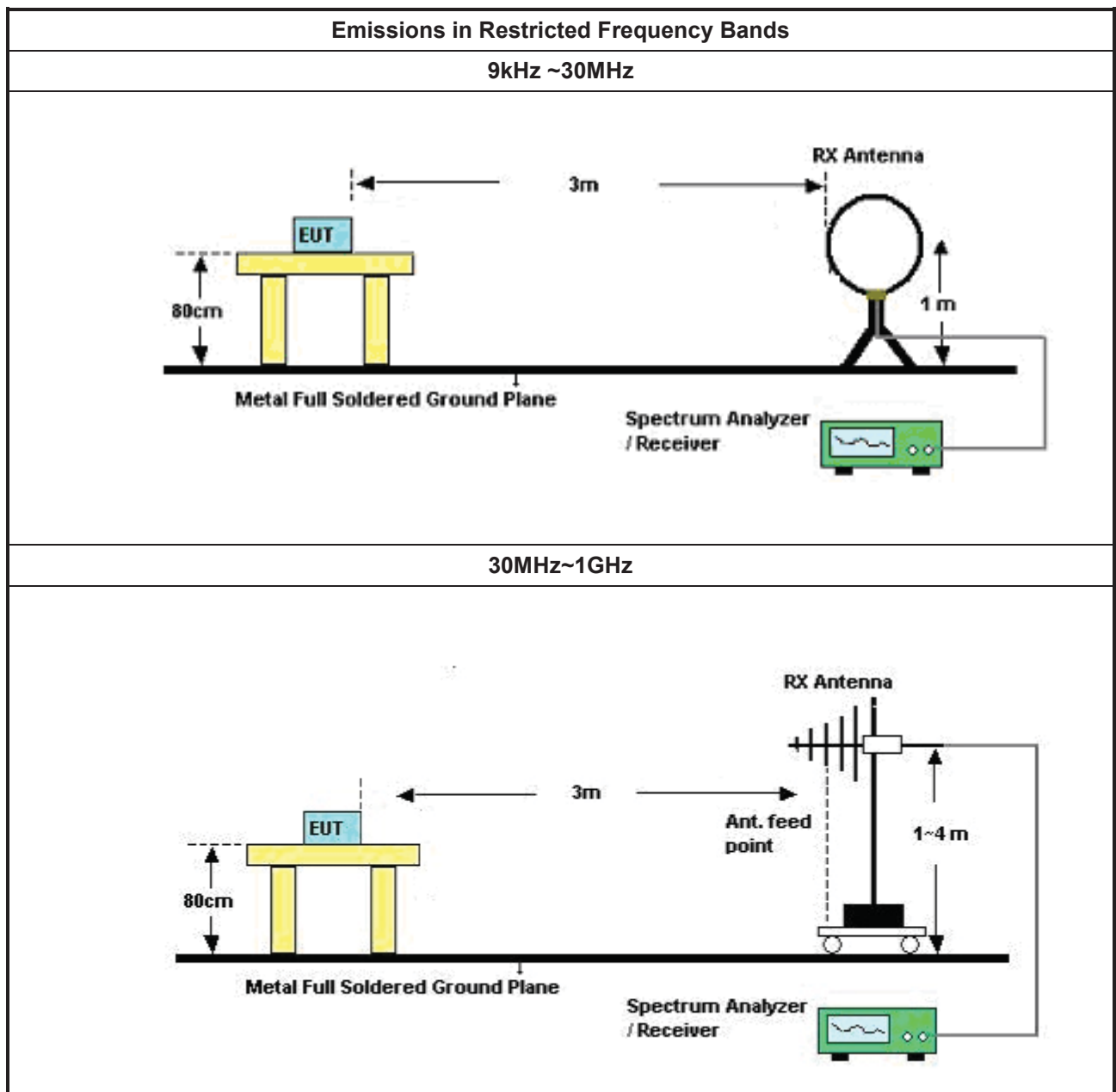
Test Method	
	- The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor]. - Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	For the transmitter unwanted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

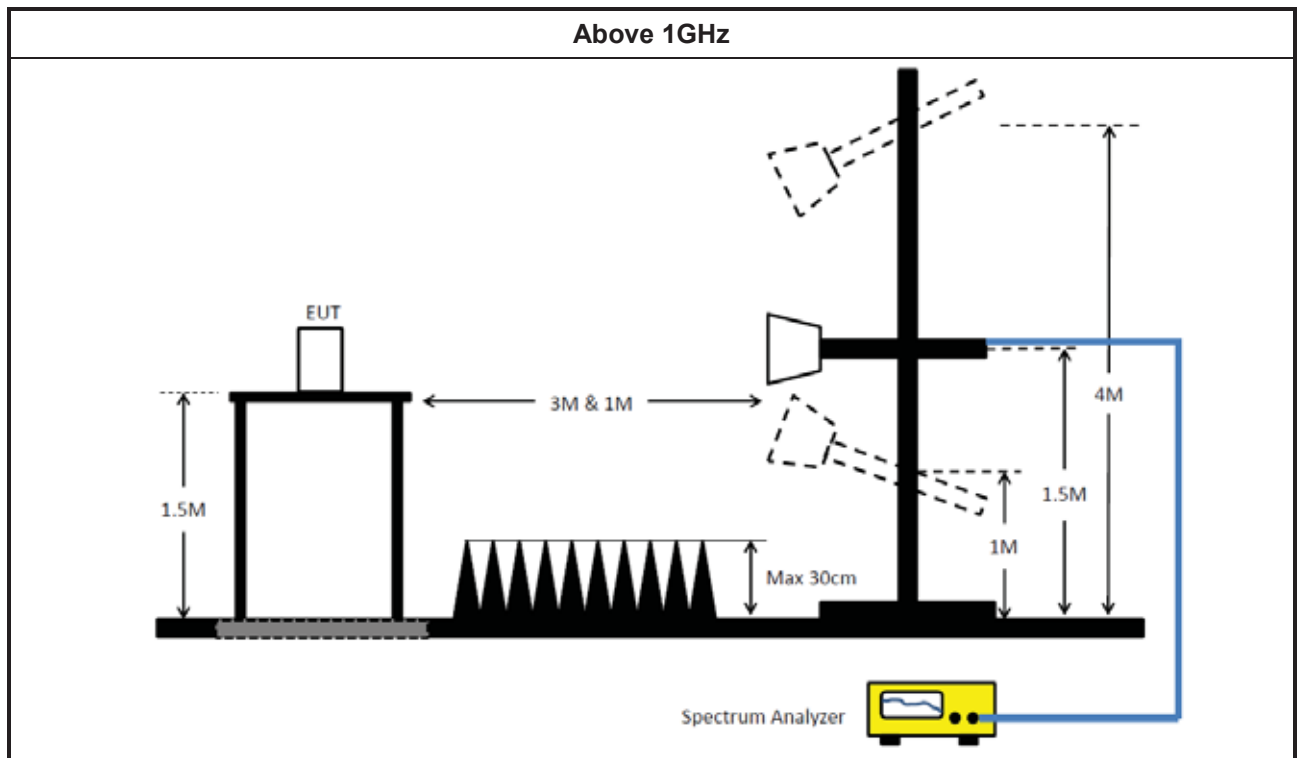
3.6.4 Measurement Results Calculation

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	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	SCHWARZBECK	NNB 41	04/10153	9kHz – 30MHz	24/Jan/2024	23/Jan/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test_Radio 0

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	14/Feb/2023	13/Feb/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
SENSE-15247_DTS	Sporton	V5.11.15	N/A	N/A	N/A	N/A

Instrument for Conducted Test_Radio 1

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	29/Mar/2023	28/Mar/2024
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	29/Mar/2023	28/Mar/2024
SENSE-15247_DTS	Sporton	V5.11.11	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH26-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	08/Aug/2023	07/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	08/Aug/2023	07/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101411	10Hz~44GHz	06/Oct/2023	05/Oct/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	06/Jun/2023	05/Jun/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	9kHz~1GHz	18/Oct/2023	17/Oct/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	18/Oct/2023	17/Oct/2024
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	25/May/2023	24/May/2024
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	25/May/2023	24/May/2024
Amplifier	EM	EM18G40G	060604	18GHz ~ 40GHz	18/Mar/2023	17/Mar/2024
SENSE-15.247_DTS	Sporton	V5.11.13	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40GA	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	V5.11.6	NA	NA	NA	NA



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.251k	56.86	65.77	-8.91	Line
Mode 2	Pass	AV	28.571M	36.68	50.00	-13.32	Line



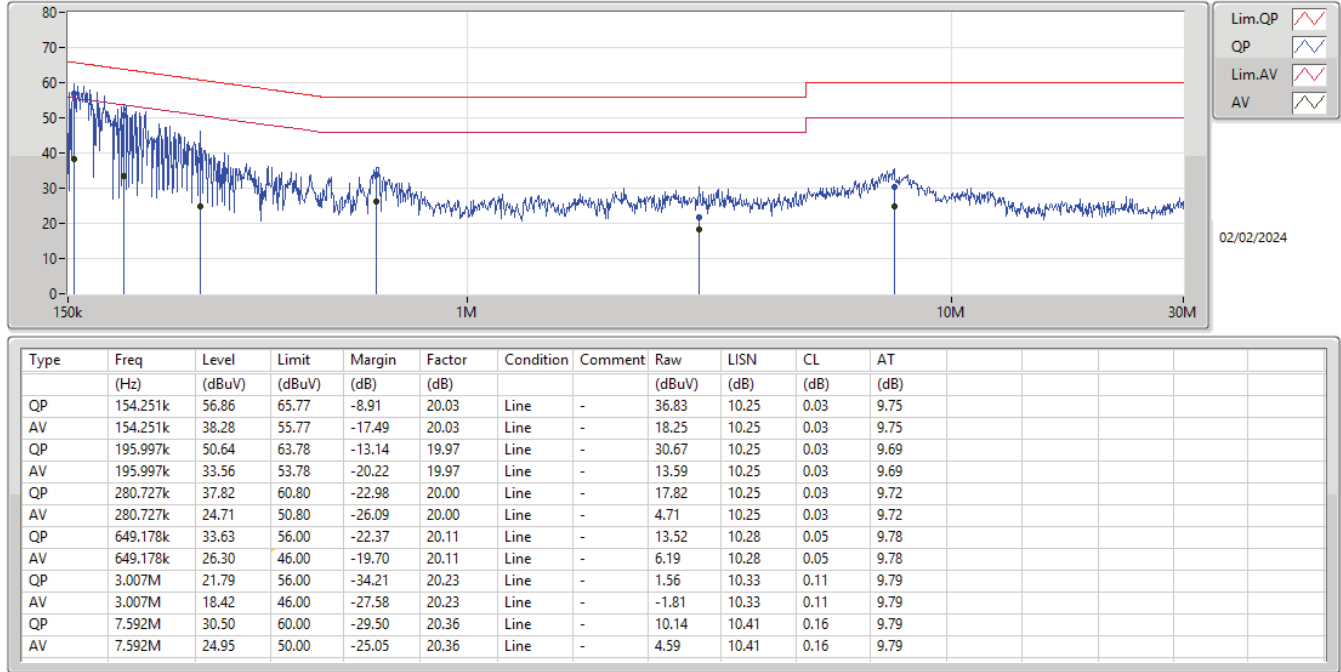
Conducted Emissions at Powerline_Non-Beamforming

Appendix A

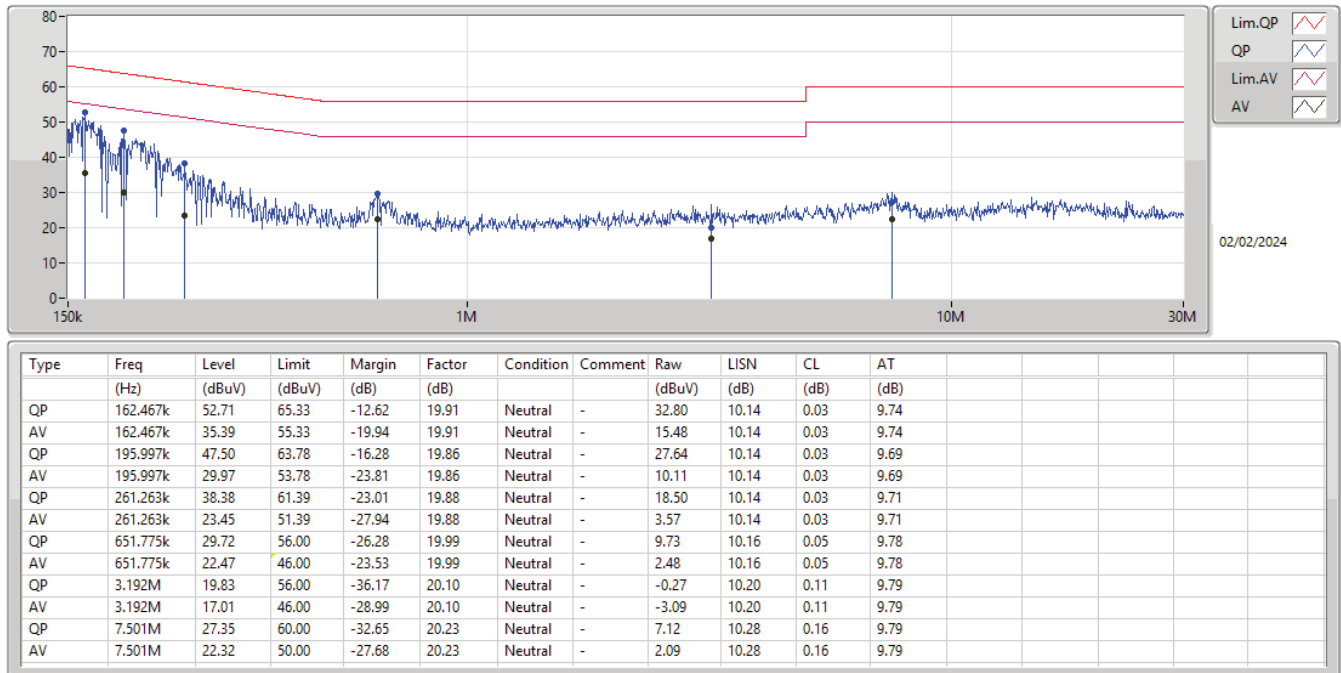
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.251k	56.86	65.77	-8.91	Line	-
Mode 1	Pass	AV	154.251k	38.28	55.77	-17.49	Line	-
Mode 1	Pass	QP	195.997k	50.64	63.78	-13.14	Line	-
Mode 1	Pass	AV	195.997k	33.56	53.78	-20.22	Line	-
Mode 1	Pass	QP	280.727k	37.82	60.80	-22.98	Line	-
Mode 1	Pass	AV	280.727k	24.71	50.80	-26.09	Line	-
Mode 1	Pass	QP	649.178k	33.63	56.00	-22.37	Line	-
Mode 1	Pass	AV	649.178k	26.30	46.00	-19.70	Line	-
Mode 1	Pass	QP	3.007M	21.79	56.00	-34.21	Line	-
Mode 1	Pass	AV	3.007M	18.42	46.00	-27.58	Line	-
Mode 1	Pass	QP	7.592M	30.50	60.00	-29.50	Line	-
Mode 1	Pass	AV	7.592M	24.95	50.00	-25.05	Line	-
Mode 1	Pass	QP	162.467k	52.71	65.33	-12.62	Neutral	-
Mode 1	Pass	AV	162.467k	35.39	55.33	-19.94	Neutral	-
Mode 1	Pass	QP	195.997k	47.50	63.78	-16.28	Neutral	-
Mode 1	Pass	AV	195.997k	29.97	53.78	-23.81	Neutral	-
Mode 1	Pass	QP	261.263k	38.38	61.39	-23.01	Neutral	-
Mode 1	Pass	AV	261.263k	23.45	51.39	-27.94	Neutral	-
Mode 1	Pass	QP	651.775k	29.72	56.00	-26.28	Neutral	-
Mode 1	Pass	AV	651.775k	22.47	46.00	-23.53	Neutral	-
Mode 1	Pass	QP	3.192M	19.83	56.00	-36.17	Neutral	-
Mode 1	Pass	AV	3.192M	17.01	46.00	-28.99	Neutral	-
Mode 1	Pass	QP	7.501M	27.35	60.00	-32.65	Neutral	-
Mode 1	Pass	AV	7.501M	22.32	50.00	-27.68	Neutral	-
Mode 2	Pass	QP	167.071k	45.29	65.10	-19.81	Line	-
Mode 2	Pass	AV	167.071k	28.51	55.10	-26.59	Line	-
Mode 2	Pass	QP	203.167k	40.16	63.48	-23.32	Line	-
Mode 2	Pass	AV	203.167k	24.93	53.48	-28.55	Line	-
Mode 2	Pass	QP	626.268k	16.32	56.00	-39.68	Line	-
Mode 2	Pass	AV	626.268k	14.44	46.00	-31.56	Line	-
Mode 2	Pass	QP	2.959M	17.50	56.00	-38.50	Line	-
Mode 2	Pass	AV	2.959M	15.23	46.00	-30.77	Line	-
Mode 2	Pass	QP	14.039M	33.81	60.00	-26.19	Line	-
Mode 2	Pass	AV	14.039M	29.70	50.00	-20.30	Line	-
Mode 2	Pass	QP	28.571M	40.36	60.00	-19.64	Line	-
Mode 2	Pass	AV	28.571M	36.68	50.00	-13.32	Line	-
Mode 2	Pass	QP	165.082k	45.92	65.20	-19.28	Neutral	-
Mode 2	Pass	AV	165.082k	29.31	55.20	-25.89	Neutral	-
Mode 2	Pass	QP	200.748k	40.83	63.57	-22.74	Neutral	-
Mode 2	Pass	AV	200.748k	25.77	53.57	-27.80	Neutral	-
Mode 2	Pass	QP	592.227k	22.02	56.00	-33.98	Neutral	-
Mode 2	Pass	AV	592.227k	18.15	46.00	-27.85	Neutral	-
Mode 2	Pass	QP	3.192M	17.50	56.00	-38.50	Neutral	-
Mode 2	Pass	AV	3.192M	15.40	46.00	-30.60	Neutral	-
Mode 2	Pass	QP	14.727M	35.04	60.00	-24.96	Neutral	-
Mode 2	Pass	AV	14.727M	30.55	50.00	-19.45	Neutral	-
Mode 2	Pass	QP	28.344M	38.31	60.00	-21.69	Neutral	-
Mode 2	Pass	AV	28.344M	33.79	50.00	-16.21	Neutral	-

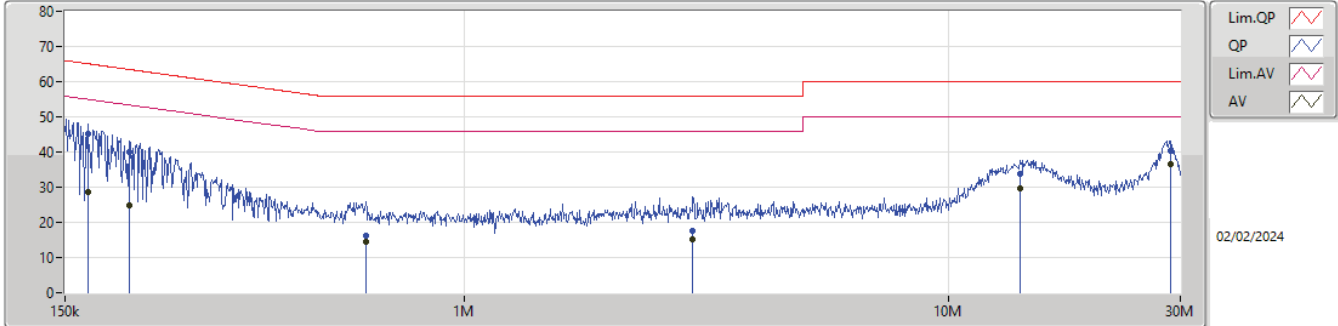
Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1

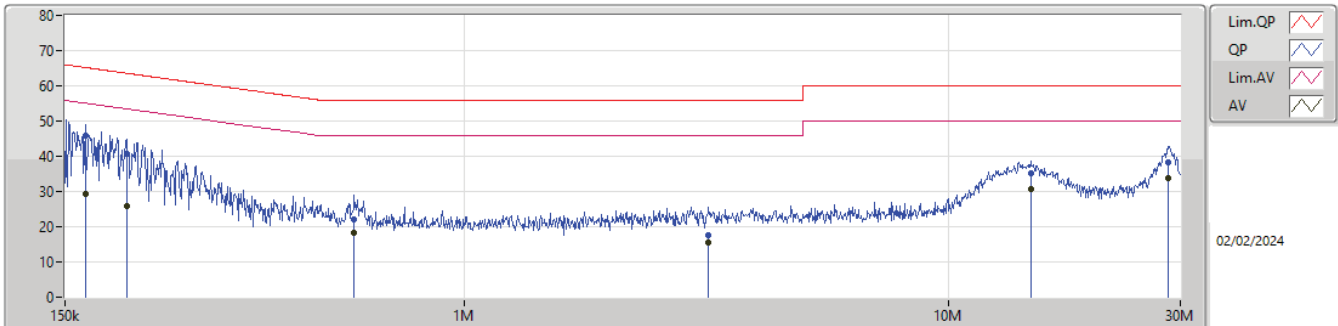


Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	167.071k	45.29	65.10	-19.81	20.01	Line	-	25.28	10.25	0.03	9.73						
AV	167.071k	28.51	55.10	-26.59	20.01	Line	-	8.50	10.25	0.03	9.73						
QP	203.167k	40.16	63.48	-23.32	19.96	Line	-	20.20	10.25	0.03	9.68						
AV	203.167k	24.93	53.48	-28.55	19.96	Line	-	4.97	10.25	0.03	9.68						
QP	626.268k	16.32	56.00	-39.68	20.09	Line	-	-3.77	10.27	0.04	9.78						
AV	626.268k	14.44	46.00	-31.56	20.09	Line	-	-5.65	10.27	0.04	9.78						
QP	2.959M	17.50	56.00	-38.50	20.23	Line	-	-2.73	10.33	0.11	9.79						
AV	2.959M	15.23	46.00	-30.77	20.23	Line	-	-5.00	10.33	0.11	9.79						
QP	14.039M	33.81	60.00	-26.19	20.56	Line	-	13.25	10.51	0.23	9.82						
AV	14.039M	29.70	50.00	-20.30	20.56	Line	-	9.14	10.51	0.23	9.82						
QP	28.571M	40.36	60.00	-19.64	20.86	Line	-	19.50	10.76	0.33	9.77						
AV	28.571M	36.68	50.00	-13.32	20.86	Line	-	15.82	10.76	0.33	9.77						

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	165.082k	45.92	65.20	-19.28	19.90	Neutral	-	26.02	10.14	0.03	9.73						
AV	165.082k	29.31	55.20	-25.89	19.90	Neutral	-	9.41	10.14	0.03	9.73						
QP	200.748k	40.83	63.57	-22.74	19.85	Neutral	-	20.98	10.14	0.03	9.68						
AV	200.748k	25.77	53.57	-27.80	19.85	Neutral	-	5.92	10.14	0.03	9.68						
QP	592.227k	22.02	56.00	-33.98	19.97	Neutral	-	2.05	10.15	0.04	9.78						
AV	592.227k	18.15	46.00	-27.85	19.97	Neutral	-	-1.82	10.15	0.04	9.78						
QP	3.192M	17.50	56.00	-38.50	20.10	Neutral	-	-2.60	10.20	0.11	9.79						
AV	3.192M	15.40	46.00	-30.60	20.10	Neutral	-	-4.70	10.20	0.11	9.79						
QP	14.727M	35.04	60.00	-24.96	20.49	Neutral	-	14.55	10.42	0.24	9.83						
AV	14.727M	30.55	50.00	-19.45	20.49	Neutral	-	10.06	10.42	0.24	9.83						
QP	28.344M	38.31	60.00	-21.69	20.80	Neutral	-	17.51	10.70	0.33	9.77						
AV	28.344M	33.79	50.00	-16.21	20.80	Neutral	-	12.99	10.70	0.33	9.77						

**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	8.575M	12.978M	13M0G1D	7.675M	12.856M
802.11g_Nss1,(6Mbps)_2TX	16.375M	16.385M	16M4D1D	15.675M	16.318M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.025M	18.874M	18M9D1D	16.35M	18.818M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.2M	37.692M	37M7D1D	37.05M	37.555M

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	7.85M	12.97M	8.55M	12.883M
2437MHz	Pass	500k	7.675M	12.962M	7.95M	12.856M
2462MHz	Pass	500k	7.9M	12.978M	8.575M	12.936M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.375M	16.318M	16.375M	16.377M
2437MHz	Pass	500k	16.3M	16.33M	16.35M	16.357M
2462MHz	Pass	500k	16.35M	16.318M	15.675M	16.385M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.025M	18.837M	18.875M	18.874M
2437MHz	Pass	500k	18.875M	18.828M	18.525M	18.847M
2462MHz	Pass	500k	18.3M	18.874M	16.35M	18.818M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.35M	37.559M	38.1M	37.656M
2437MHz	Pass	500k	38M	37.555M	38.2M	37.558M
2452MHz	Pass	500k	38M	37.654M	37.05M	37.692M

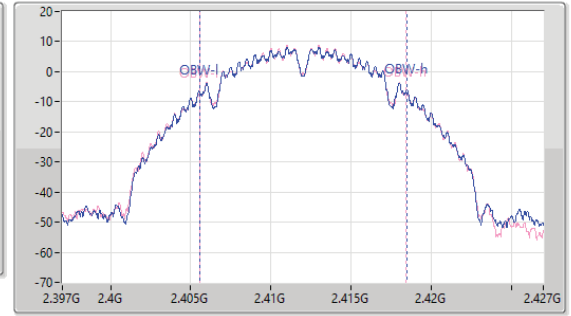
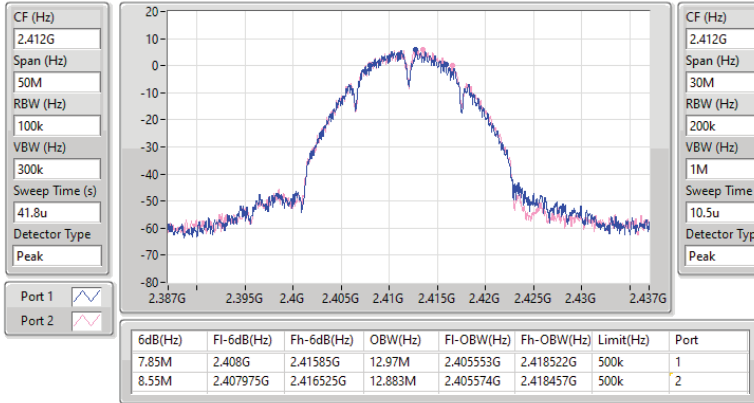
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

16/01/2024

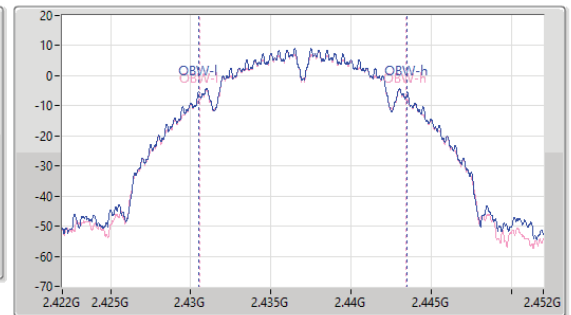
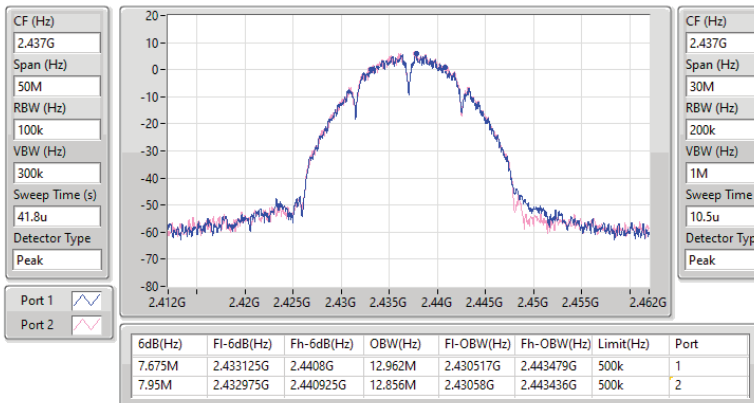


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

16/01/2024

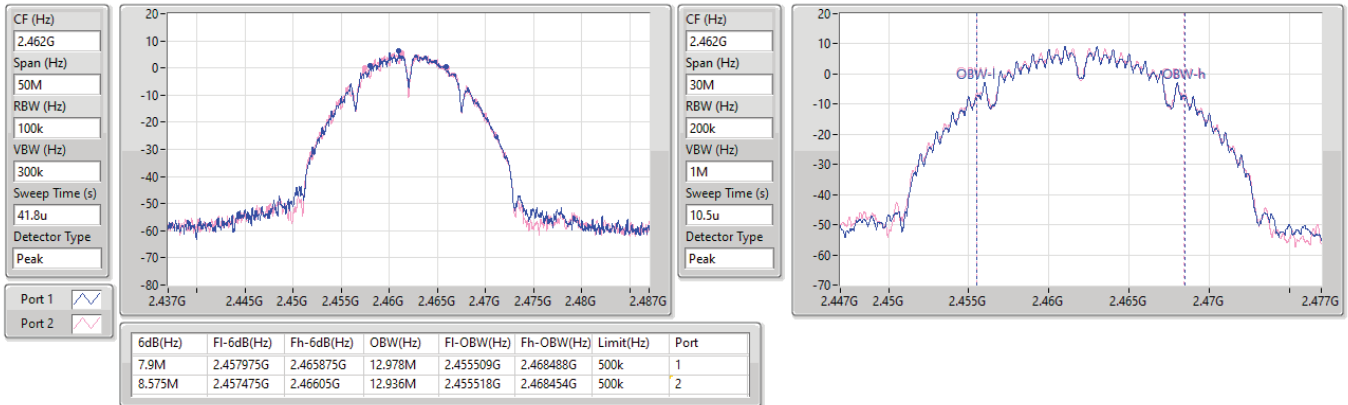


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

16/01/2024

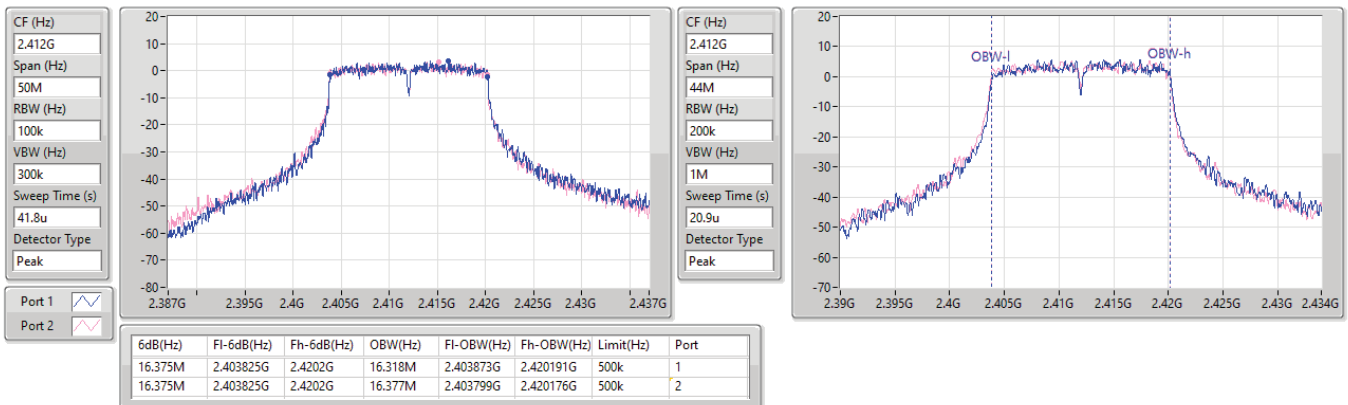


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

16/01/2024

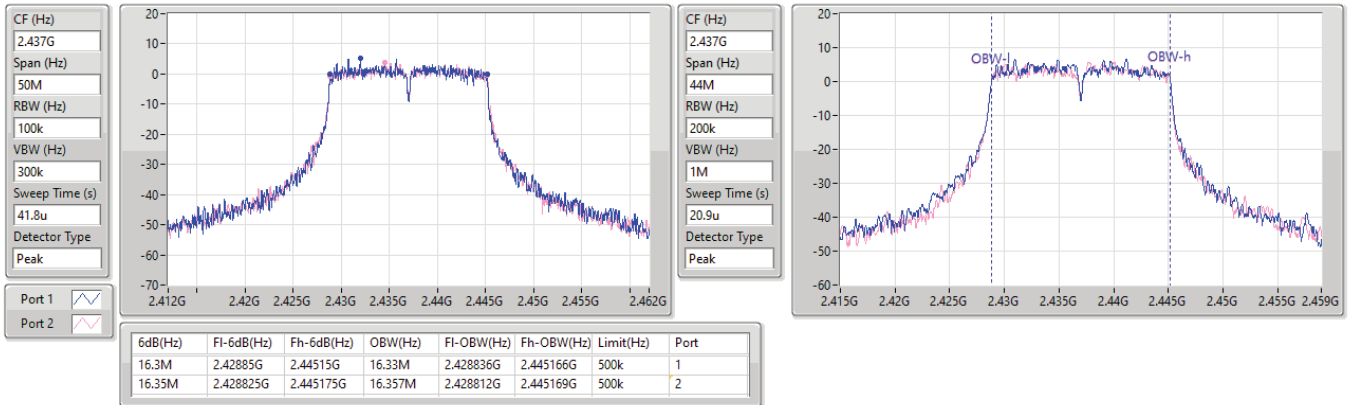


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

16/01/2024

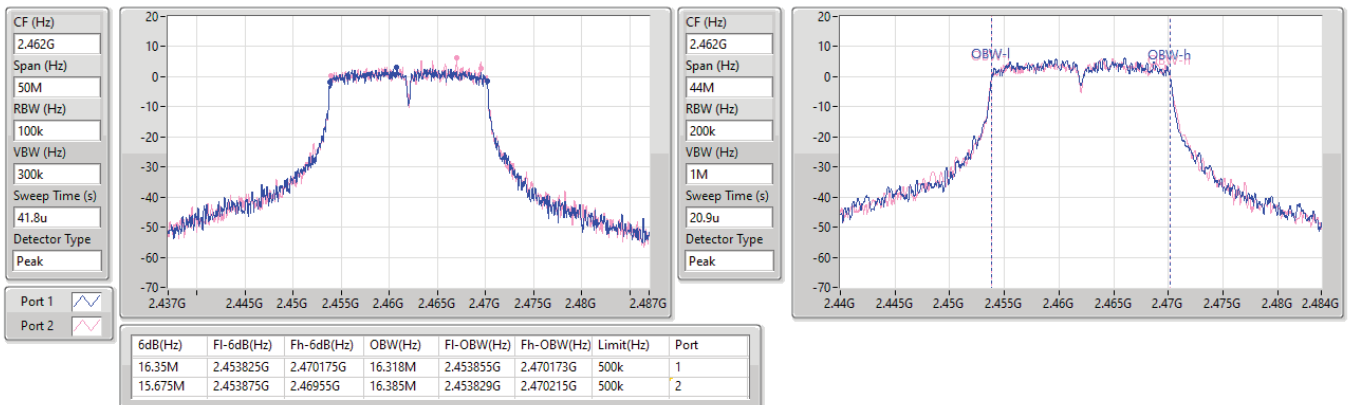


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

16/01/2024

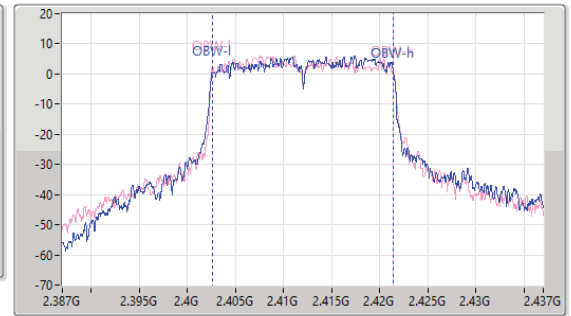
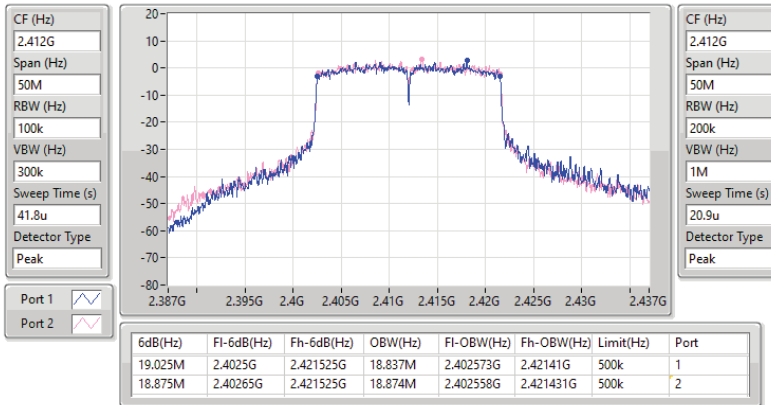


2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

16/01/2024

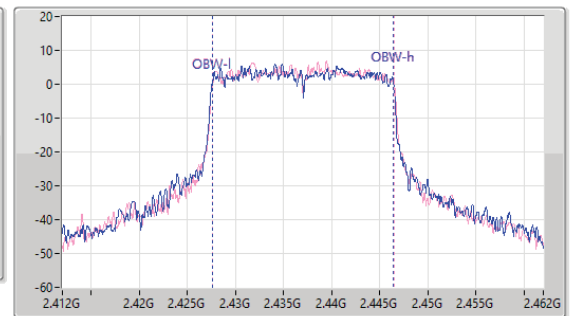
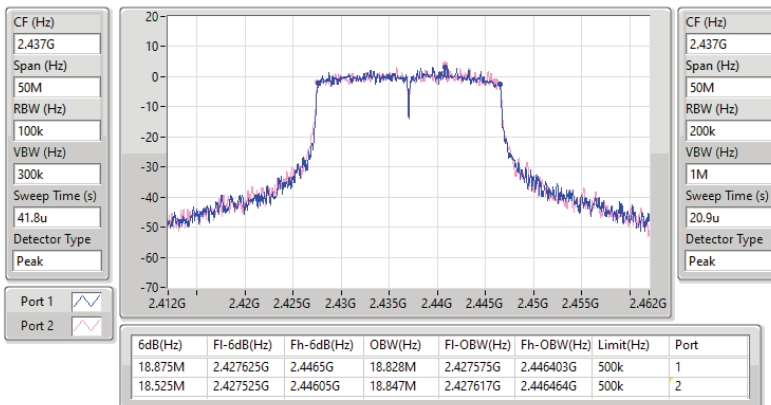


2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

16/01/2024



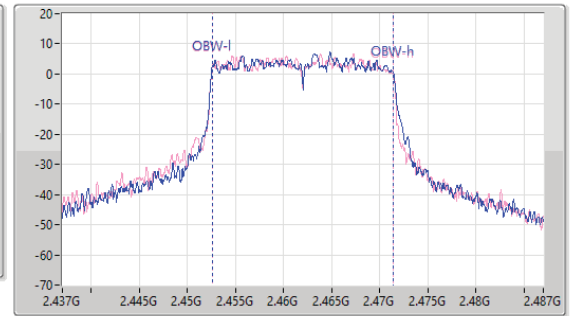
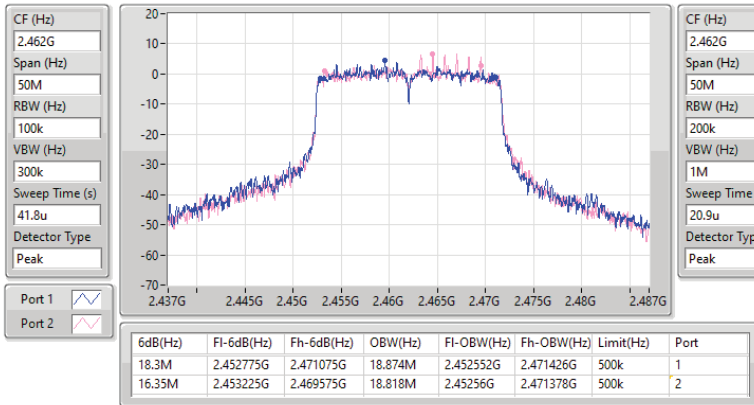


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

16/01/2024

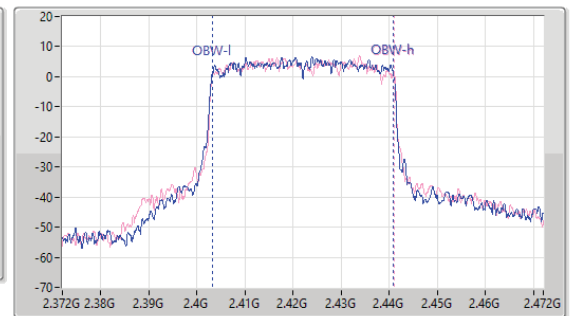
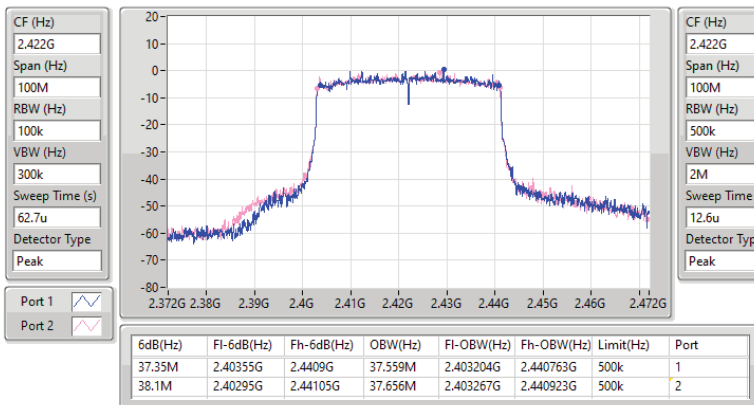


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

16/01/2024



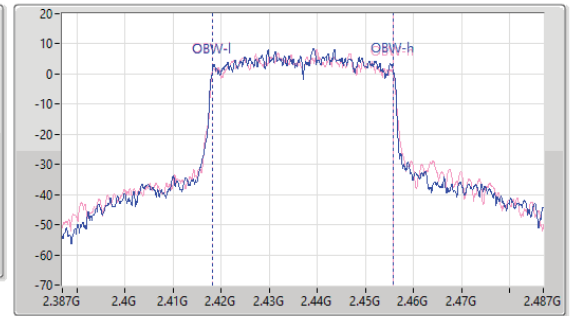
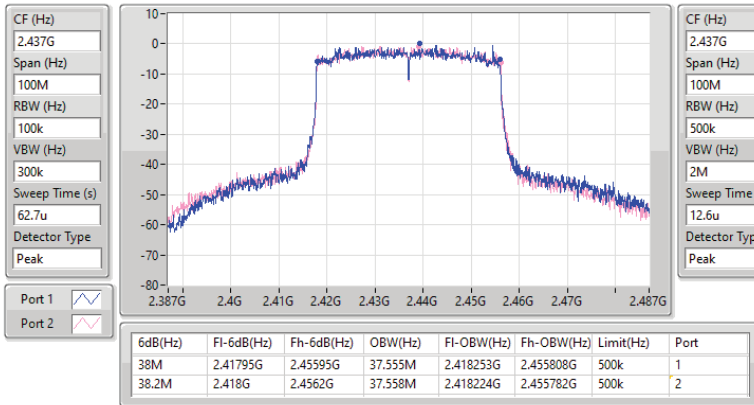


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

16/01/2024

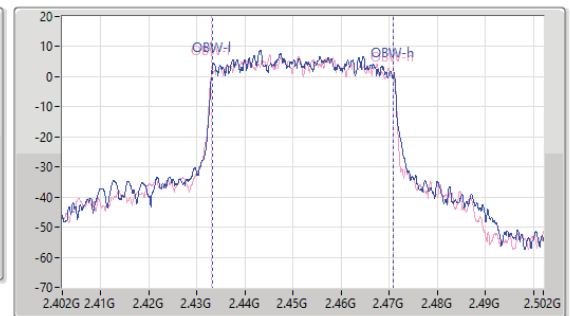
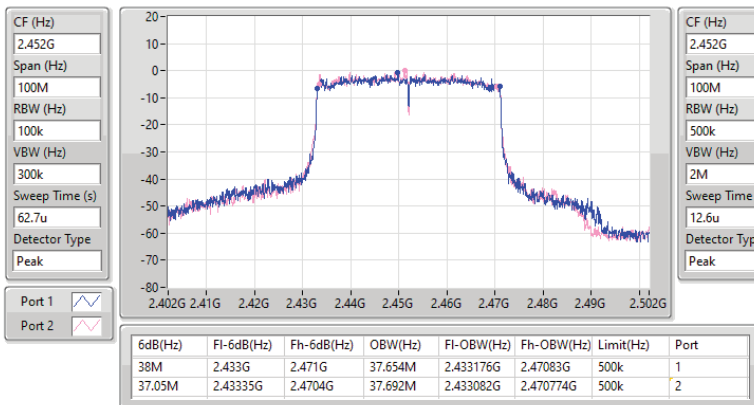


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

16/01/2024



**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)_4TX	7.55M	13.358M	13M4G1D	6.075M	13.013M
802.11g_Nss1,(6Mbps)_4TX	16.5M	16.932M	16M9D1D	15.925M	16.514M
802.11be EHT20_Nss1,(MCS0)_4TX	19.175M	19.165M	19M2D1D	19.05M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	38.3M	37.981M	38M0D1D	37.15M	37.781M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	13.103M	7.125M	13.358M	6.675M	13.268M	6.625M	13.298M
2437MHz	Pass	500k	7.075M	13.103M	6.075M	13.073M	7.55M	13.118M	6.625M	13.118M
2462MHz	Pass	500k	7.1M	13.088M	6.7M	13.043M	7.55M	13.013M	6.6M	13.118M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.375M	16.69M	16.5M	16.558M	16.425M	16.844M	16.45M	16.602M
2437MHz	Pass	500k	16.425M	16.514M	16.45M	16.756M	16.475M	16.646M	15.925M	16.8M
2462MHz	Pass	500k	16.5M	16.888M	16.45M	16.558M	16.075M	16.602M	16.275M	16.932M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19.05M	19.04M	19.175M	18.991M	19.075M	19.09M	19.125M	18.991M
2437MHz	Pass	500k	19.1M	19.04M	19.1M	18.966M	19.075M	19.015M	19.125M	19.015M
2462MHz	Pass	500k	19.125M	18.991M	19.125M	19.165M	19.125M	19.115M	19.125M	19.09M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.75M	37.781M	38.2M	37.781M	38.15M	37.781M	38.25M	37.881M
2437MHz	Pass	500k	38.1M	37.881M	37.15M	37.881M	38.1M	37.881M	38.15M	37.781M
2452MHz	Pass	500k	38.25M	37.881M	38.2M	37.931M	38.3M	37.931M	37.3M	37.981M

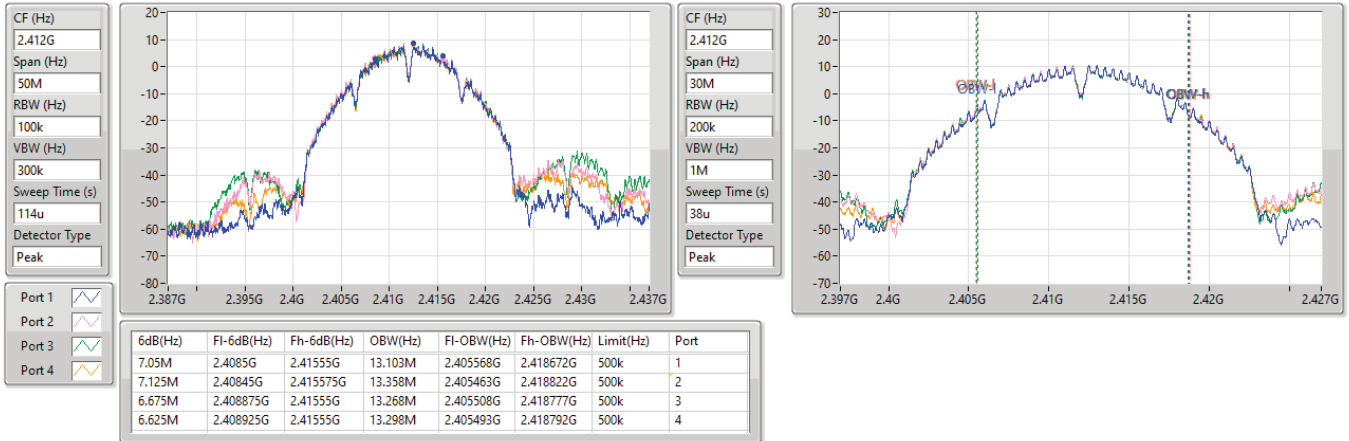
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2412MHz

17/01/2024

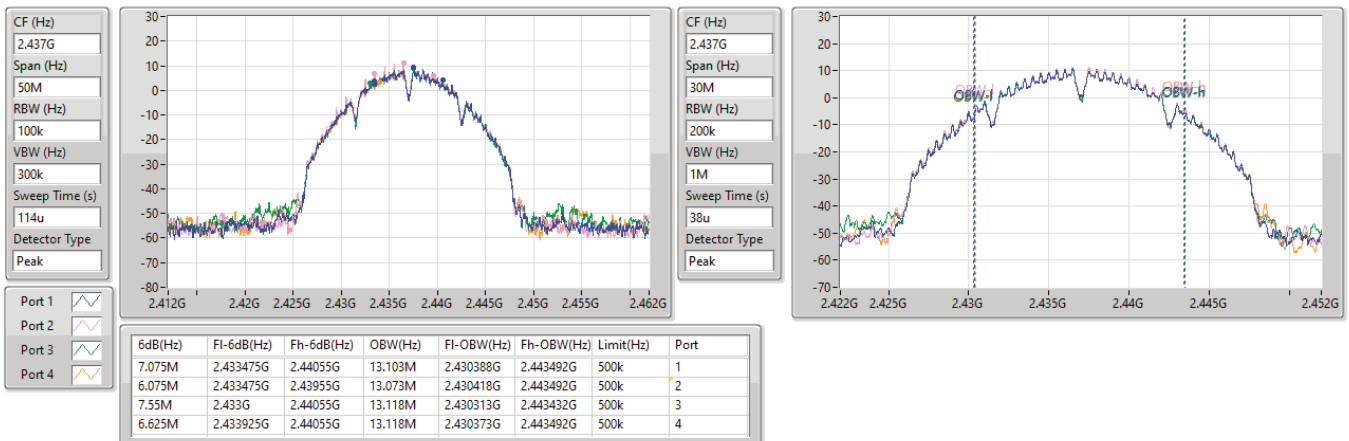


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2437MHz

17/01/2024

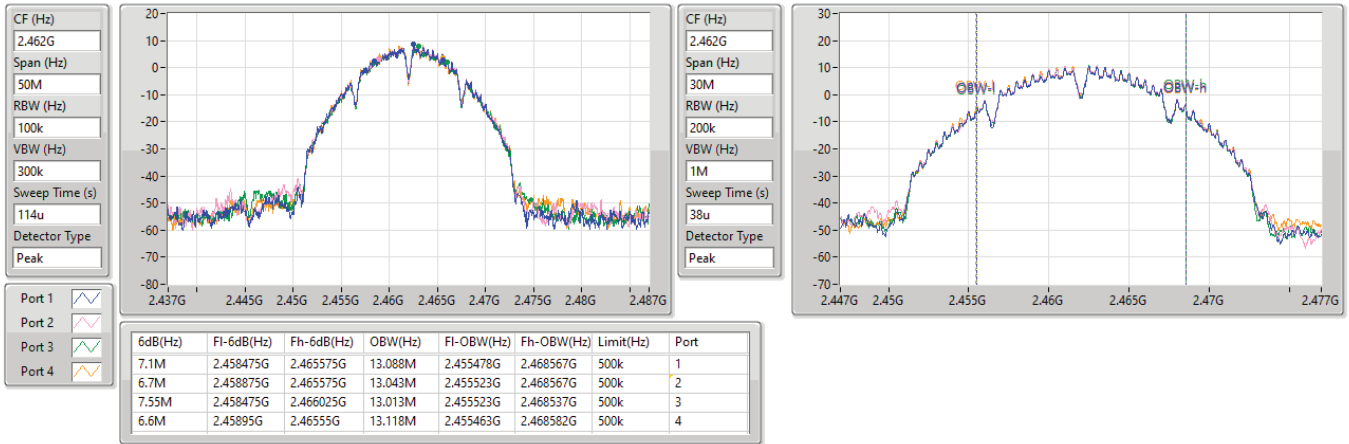


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

EBW

2462MHz

17/01/2024

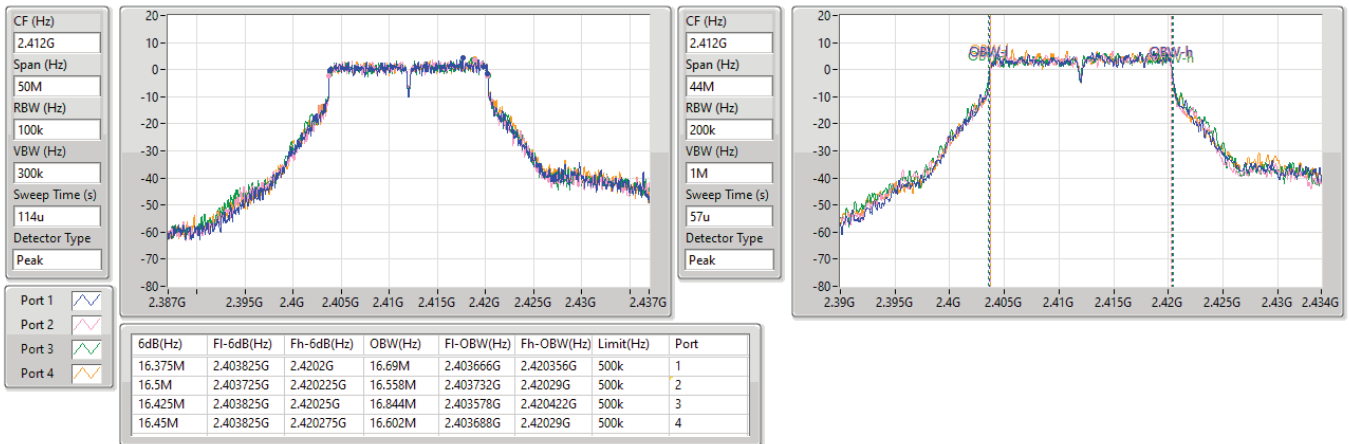


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2412MHz

17/01/2024

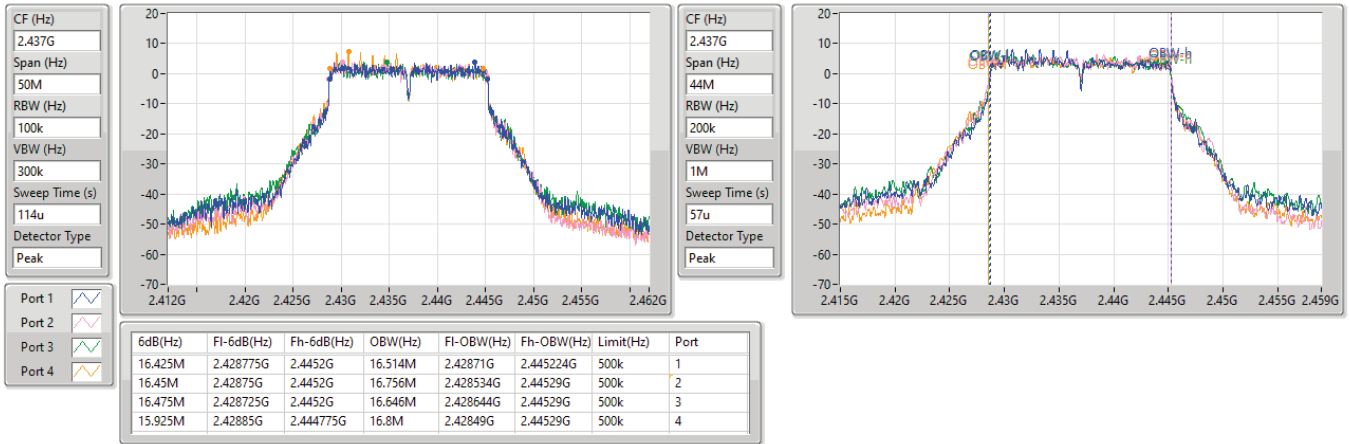


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2437MHz

17/01/2024

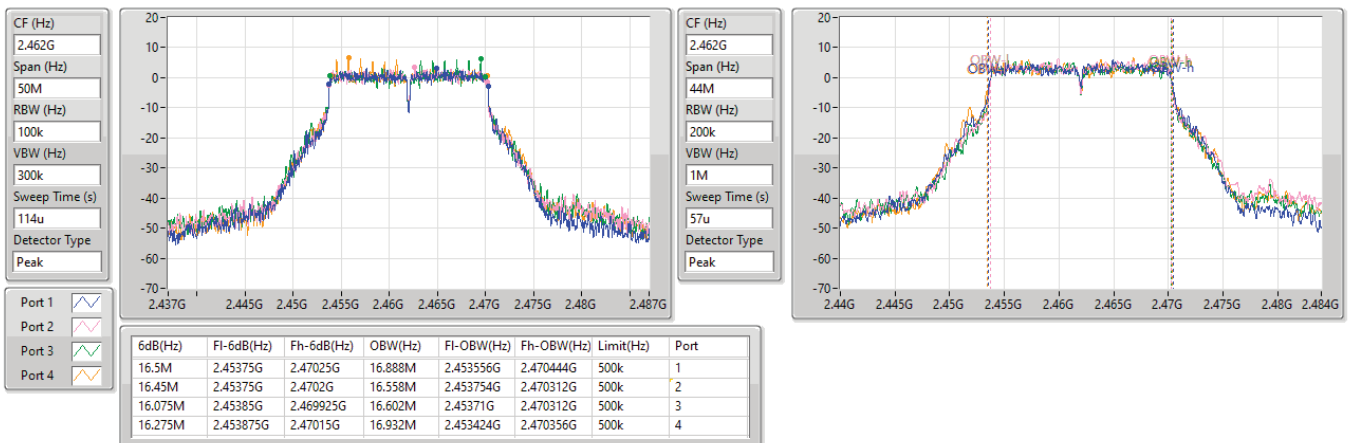


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

EBW

2462MHz

17/01/2024

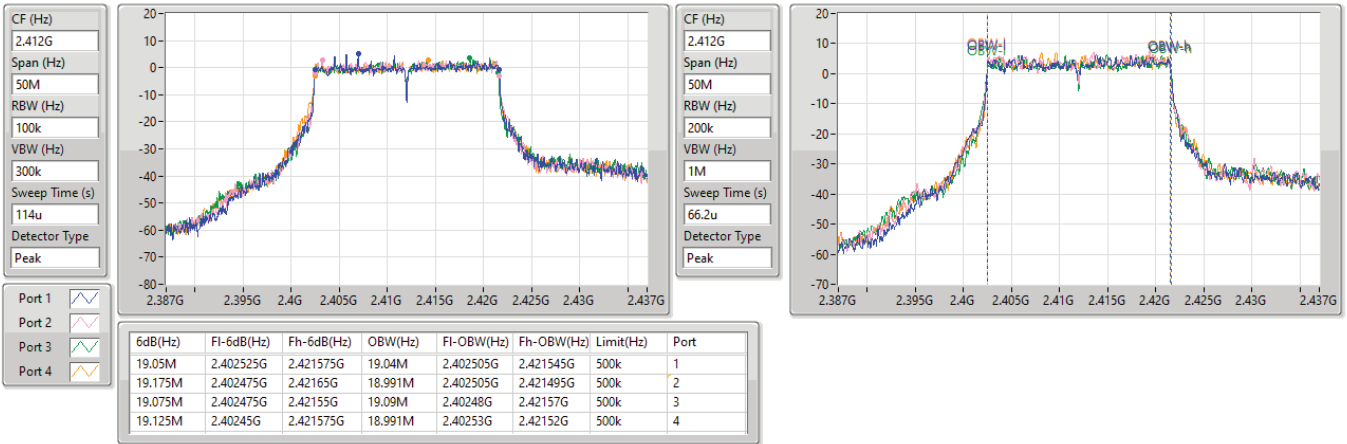


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2412MHz

17/01/2024

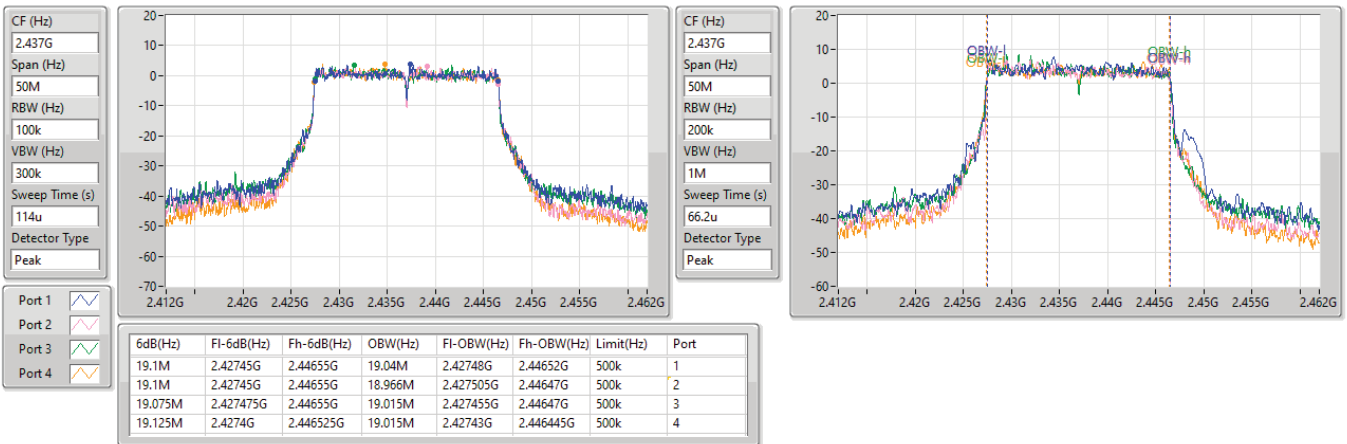


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2437MHz

17/01/2024

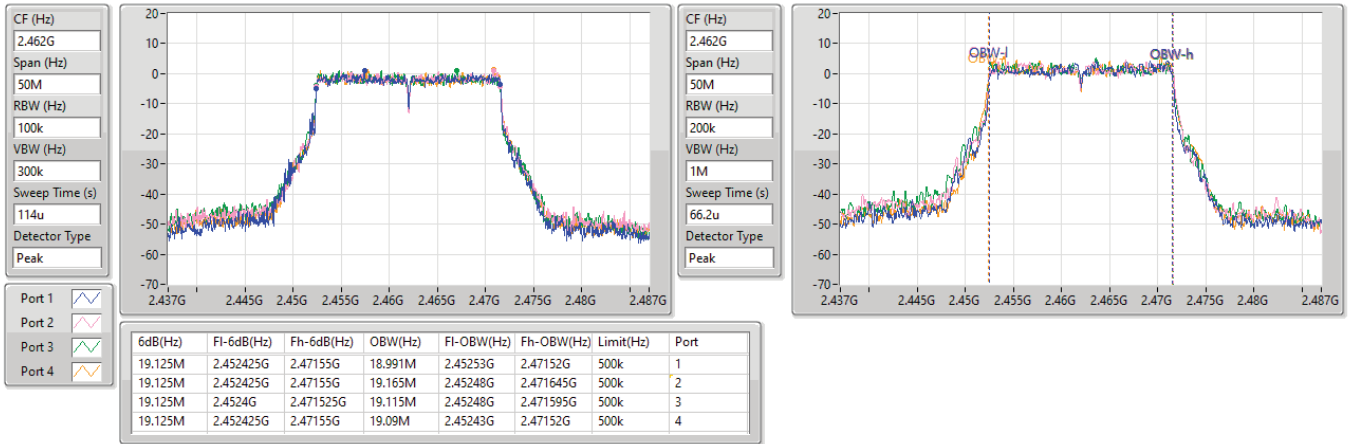


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

2462MHz

17/01/2024

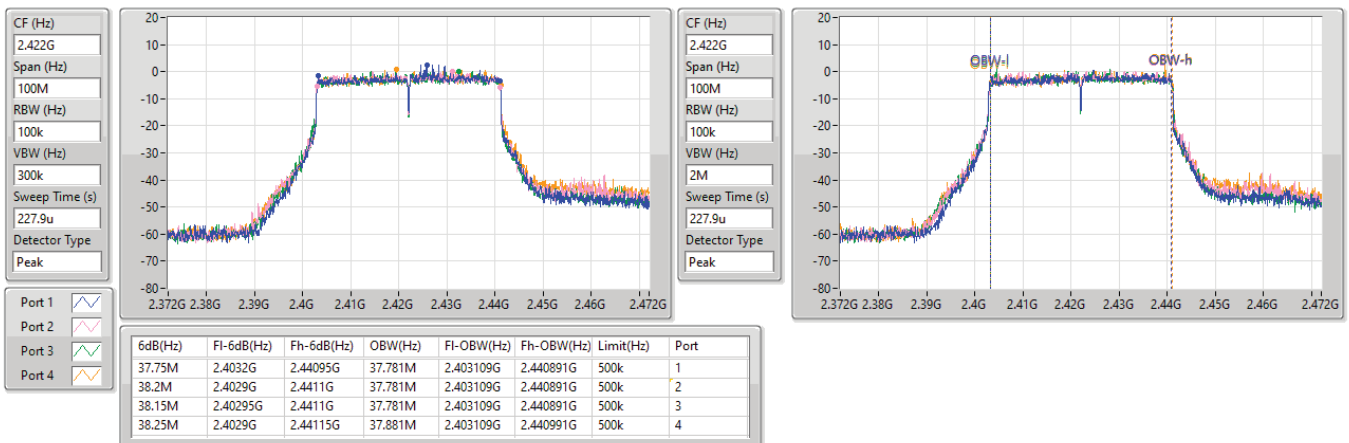


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2422MHz

17/01/2024

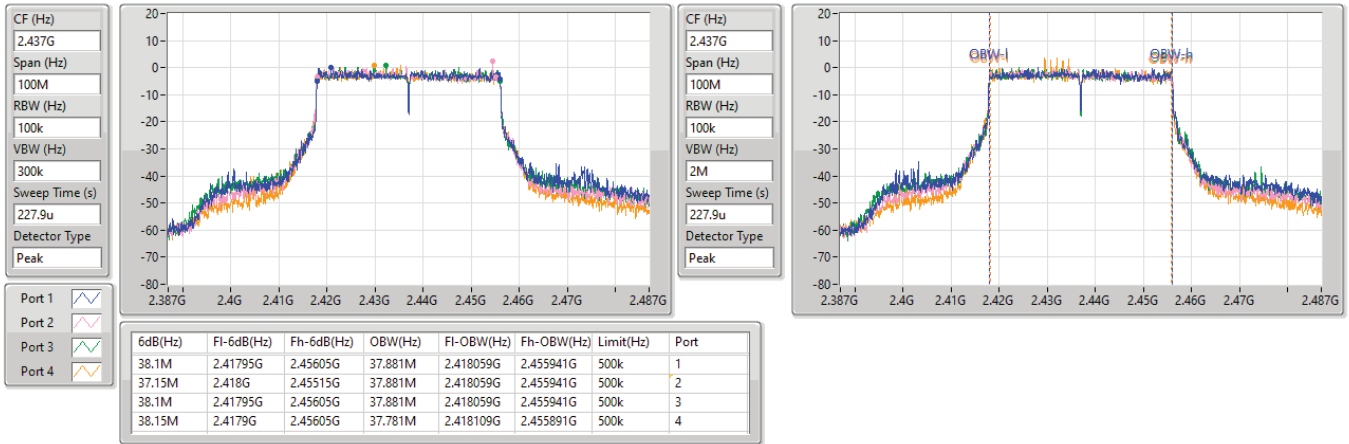


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2437MHz

17/01/2024

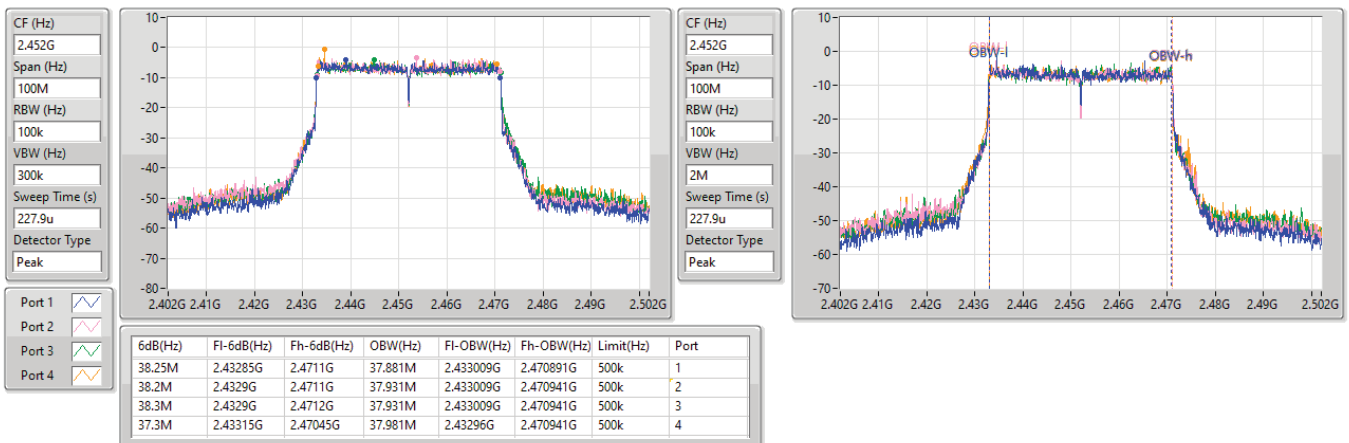


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

2452MHz

17/01/2024





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	20.15	0.10351
802.11g_Nss1,(6Mbps)_2TX	20.65	0.11614
802.11ax HEW20_Nss1,(MCS0)_2TX	20.95	0.12445
802.11ax HEW40_Nss1,(MCS0)_2TX	20.15	0.10351



Average Power_Non-Beamforming_Radio 0

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.30	17.18	17.09	20.15	30.00
2437MHz	Pass	4.30	17.16	17.07	20.13	30.00
2462MHz	Pass	4.30	17.02	17.00	20.02	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.30	17.64	17.58	20.62	30.00
2437MHz	Pass	4.30	17.67	17.61	20.65	30.00
2462MHz	Pass	4.30	17.45	17.50	20.49	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.30	17.91	17.93	20.93	30.00
2437MHz	Pass	4.30	17.94	17.94	20.95	30.00
2462MHz	Pass	4.30	17.75	17.69	20.73	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.30	16.96	16.97	19.98	30.00
2437MHz	Pass	4.30	17.11	17.06	20.10	30.00
2452MHz	Pass	4.30	17.12	17.15	20.15	30.00

DG = Directional Gain; Port X = Port X output power



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)_4TX	24.82	0.30339
802.11g_Nss1,(6Mbps)_4TX	24.16	0.26062
802.11be EHT20_Nss1,(MCS0)_4TX	24.29	0.26853
802.11be EHT40_Nss1,(MCS0)_4TX	24.14	0.25942



Average Power_Non-Beamforming_Radio 1

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.81	18.29	18.42	18.23	18.45	24.37	30.00
2437MHz	Pass	2.81	18.71	18.95	18.76	18.78	24.82	30.00
2462MHz	Pass	2.81	18.43	18.65	18.43	18.65	24.56	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.81	17.94	18.01	17.89	18.00	23.98	30.00
2437MHz	Pass	2.81	18.10	18.19	18.11	18.17	24.16	30.00
2457MHz	Pass	2.81	17.43	17.66	17.66	17.51	23.59	30.00
2462MHz	Pass	2.81	17.61	17.51	17.39	17.61	23.55	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	2.81	17.95	18.12	17.90	18.03	24.02	30.00
2437MHz	Pass	2.81	18.23	18.35	18.25	18.23	24.29	30.00
2457MHz	Pass	2.81	17.61	17.81	17.63	17.58	23.68	30.00
2462MHz	Pass	2.81	16.09	16.29	16.10	16.16	22.18	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	2.81	17.84	17.97	17.79	17.79	23.87	30.00
2427MHz	Pass	2.81	18.28	18.17	17.99	18.02	24.14	30.00
2437MHz	Pass	2.81	17.81	17.70	17.56	17.41	23.64	30.00
2447MHz	Pass	2.81	16.31	16.53	16.22	16.42	22.39	30.00
2452MHz	Pass	2.81	14.01	14.23	14.01	14.10	20.11	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.91	0.12331
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.11	0.10257

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.26	17.89	17.91	20.91	28.74
2437MHz	Pass	7.26	17.89	17.89	20.90	28.74
2462MHz	Pass	7.26	17.72	17.66	20.70	28.74
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.26	16.91	16.92	19.93	28.74
2437MHz	Pass	7.26	17.09	17.04	20.08	28.74
2452MHz	Pass	7.26	17.08	17.11	20.11	28.74

DG = Directional Gain; Port X = Port X output power



Average Power_Beamforming_Radio 1

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	24.27	0.26730
802.11be EHT40-BF_Nss1,(MCS0)_4TX	24.09	0.25645



Average Power_Beamforming_Radio 1

Appendix C.4

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	23.99	30.00	17.92	18.09	17.87	18.00
2437MHz	Pass	5.74	24.27	30.00	18.21	18.33	18.23	18.21
2457MHz	Pass	5.74	23.64	30.00	17.57	17.77	17.59	17.54
2462MHz	Pass	5.74	22.17	30.00	16.08	16.28	16.09	16.15
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.74	23.86	30.00	17.83	17.96	17.78	17.78
2427MHz	Pass	5.74	24.09	30.00	18.23	18.12	17.94	17.97
2437MHz	Pass	5.74	23.59	30.00	17.76	17.65	17.51	17.36
2447MHz	Pass	5.74	22.37	30.00	16.29	16.51	16.20	16.40
2452MHz	Pass	5.74	20.06	30.00	13.96	14.18	13.96	14.05

DG = Directional Gain; Port X = Port X output power



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-4.00
802.11g_Nss1,(6Mbps)_2TX	-8.16
802.11ax HEW20_Nss1,(MCS0)_2TX	-7.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.91

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	7.26	-6.90	-6.76	-4.00	6.74
2437MHz	Pass	7.26	-7.07	-7.69	-4.46	6.74
2462MHz	Pass	7.26	-7.61	-6.24	-4.12	6.74
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.26	-9.92	-10.47	-8.16	6.74
2437MHz	Pass	7.26	-10.94	-10.81	-8.26	6.74
2462MHz	Pass	7.26	-11.57	-10.82	-8.29	6.74
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.26	-10.05	-10.37	-8.13	6.74
2437MHz	Pass	7.26	-10.51	-10.15	-7.99	6.74
2462MHz	Pass	7.26	-10.10	-10.01	-8.22	6.74
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.26	-12.61	-13.44	-11.51	6.74
2437MHz	Pass	7.26	-13.51	-13.15	-11.08	6.74
2452MHz	Pass	7.26	-13.50	-13.42	-10.91	6.74

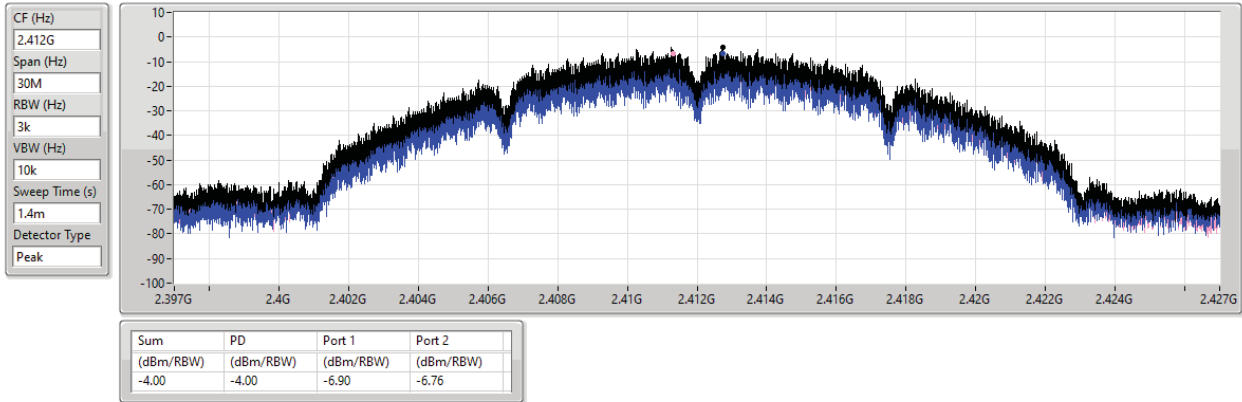
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

PSD

2412MHz

16/01/2024

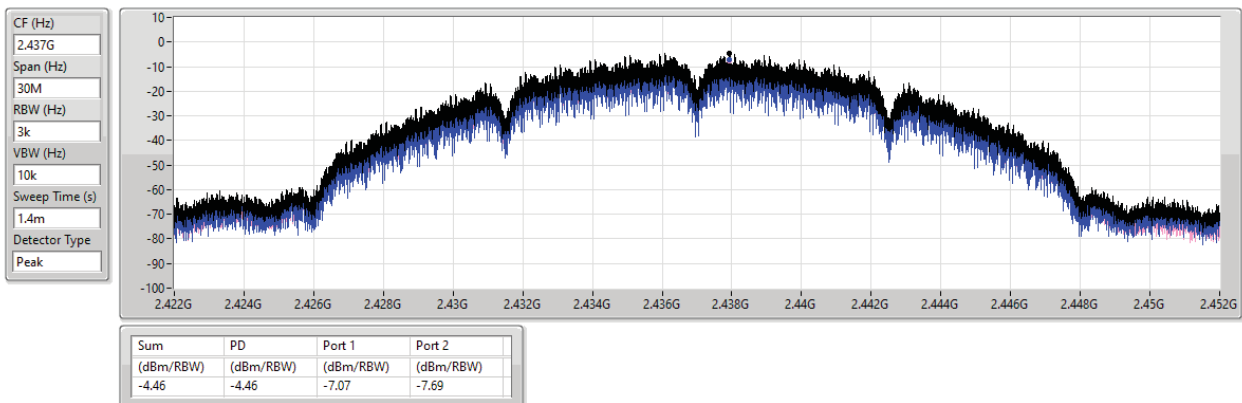


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

16/01/2024



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

PSD

2462MHz

16/01/2024

CF (Hz)
2.462G

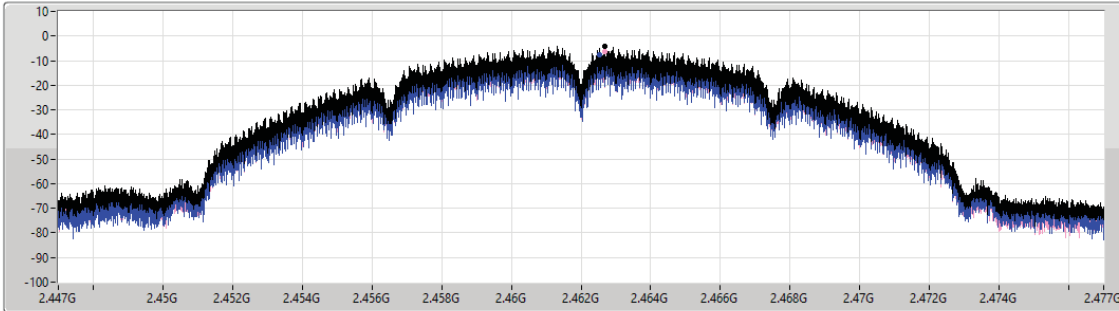
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.12	-4.12	-7.61	-6.24

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

PSD

2412MHz

16/01/2024

CF (Hz)
2.412G

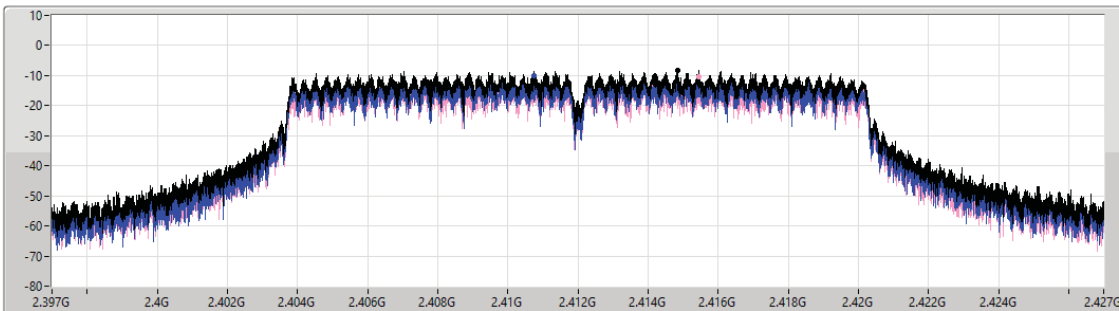
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.16	-8.16	-9.92	-10.47

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

PSD

2437MHz

16/01/2024

CF (Hz)
2.437G

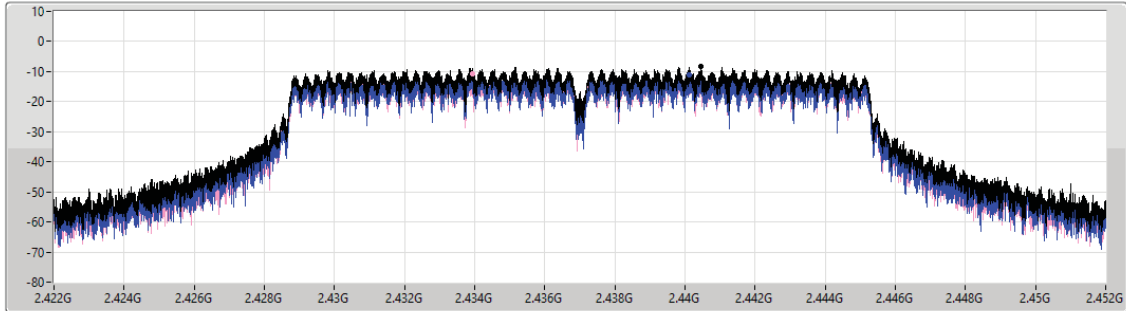
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.26	-8.26	-10.94	-10.81

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

PSD

2462MHz

16/01/2024

CF (Hz)
2.462G

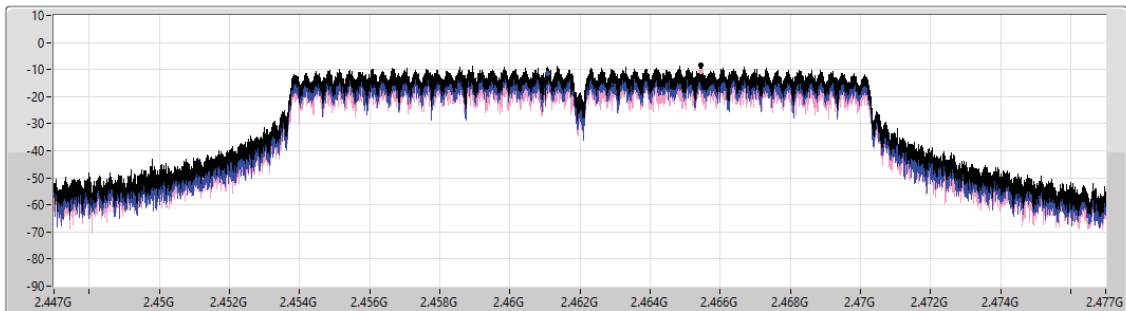
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.29	-8.29	-11.57	-10.82

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

16/01/2024

CF (Hz)
2.412G

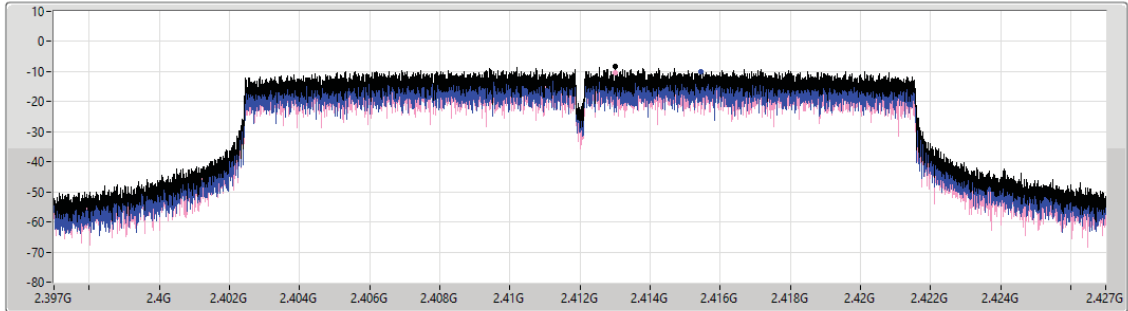
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.13	-8.13	-10.05	-10.37

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

16/01/2024

CF (Hz)
2.437G

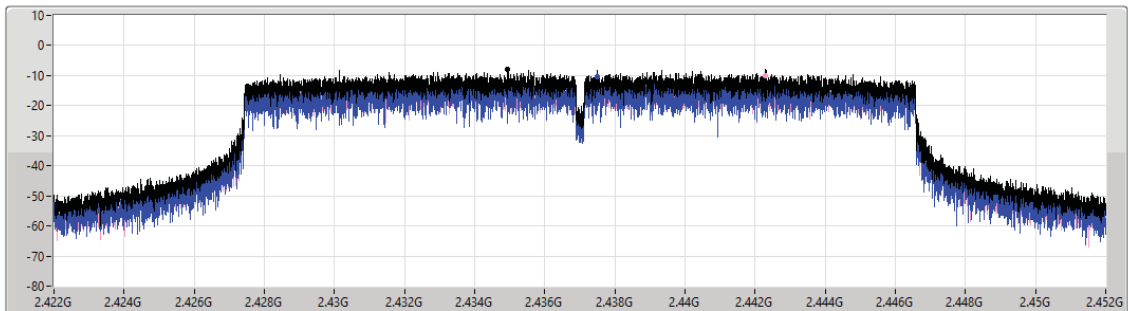
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
1.4m

Detector Type
Peak



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.99	-7.99	-10.51	-10.15

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

16/01/2024

CF (Hz)
2.462G

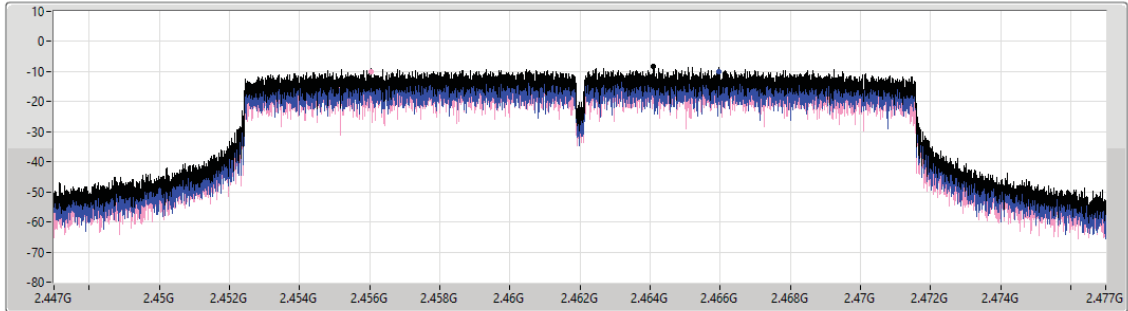
Span (Hz)
30M

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)
-8.22	-8.22	-10.10	-10.01

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

16/01/2024

CF (Hz)
2.422G

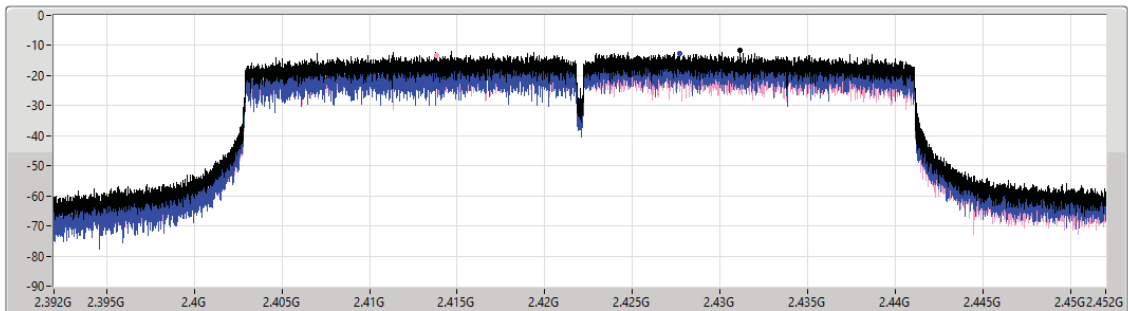
Span (Hz)
60M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
2.79m

Detector Type
Peak



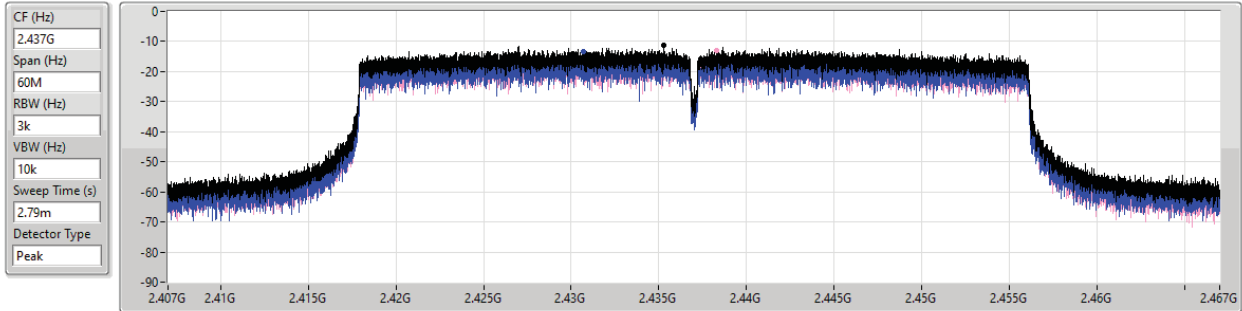
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-11.51	-11.51	-12.61	-13.44

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

16/01/2024



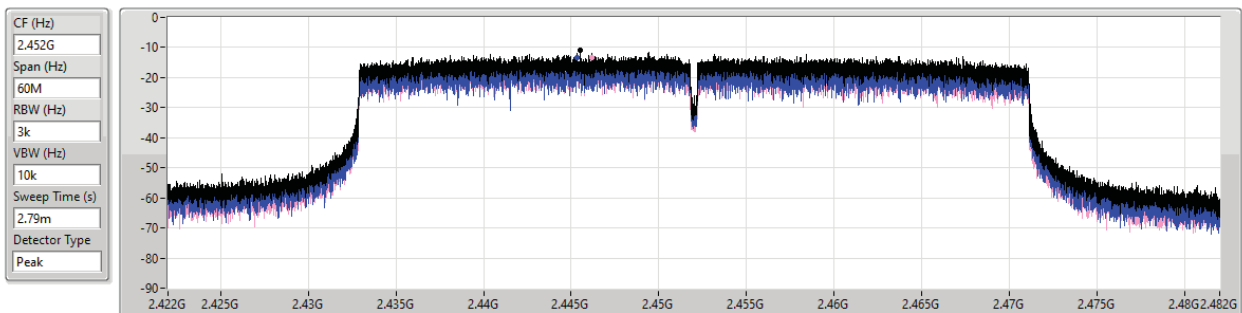
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.08	-11.08	-13.51	-13.15

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

16/01/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.91	-10.91	-13.50	-13.42



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-2.20
802.11g_Nss1,(6Mbps)_4TX	-4.11
802.11be EHT20_Nss1,(MCS0)_4TX	-5.13
802.11be EHT40_Nss1,(MCS0)_4TX	-8.16

RBW = 3kHz;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	-9.66	-8.05	-9.62	-7.12	-2.98	8.00
2437MHz	Pass	5.74	-9.23	-8.92	-8.79	-9.11	-3.09	8.00
2462MHz	Pass	5.74	-9.45	-5.78	-7.92	-9.15	-2.20	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	-8.26	-9.39	-10.63	-9.83	-5.09	8.00
2437MHz	Pass	5.74	-9.61	-7.61	-8.92	-9.63	-4.11	8.00
2462MHz	Pass	5.74	-10.02	-9.73	-9.65	-10.53	-5.73	8.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.74	-8.37	-8.09	-9.10	-8.58	-5.21	8.00
2437MHz	Pass	5.74	-9.18	-8.71	-8.65	-8.46	-5.13	8.00
2462MHz	Pass	5.74	-10.97	-11.05	-10.59	-10.88	-7.78	8.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.74	-12.30	-11.38	-12.08	-11.03	-8.16	8.00
2437MHz	Pass	5.74	-11.83	-12.49	-12.16	-12.09	-8.17	8.00
2452MHz	Pass	5.74	-15.44	-15.73	-16.69	-16.09	-12.61	8.00

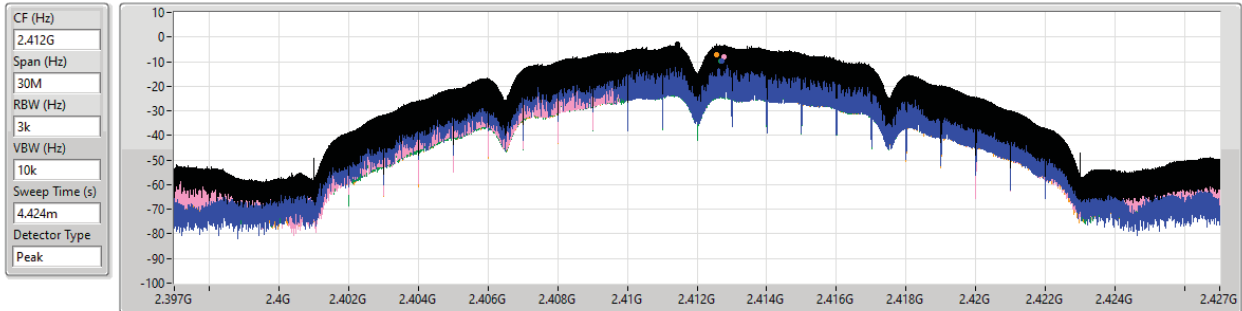
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2412MHz

17/01/2024



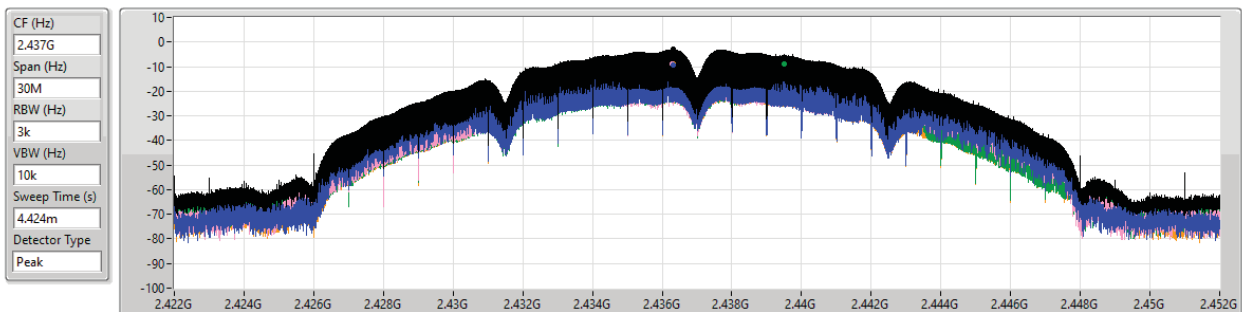
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.98	-2.98	-9.66	-8.05	-9.62	-7.12

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2437MHz

17/01/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.09	-3.09	-9.23	-8.92	-8.79	-9.11

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

PSD

2462MHz

17/01/2024

CF (Hz)
2.462G

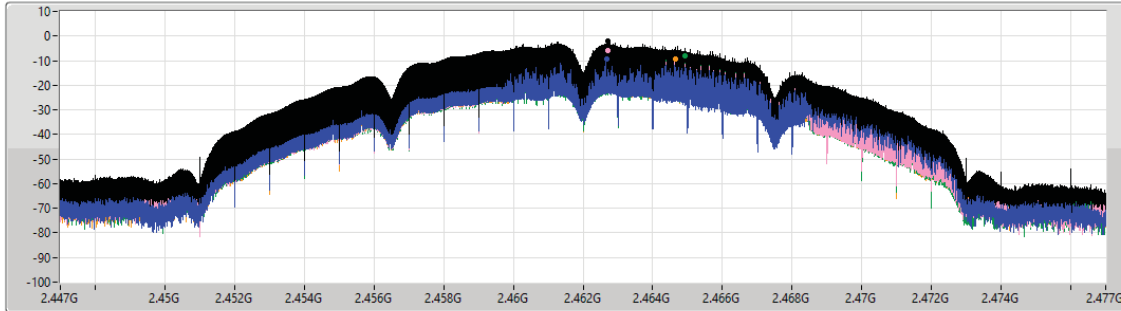
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.20	-2.20	-9.45	-5.78	-7.92	-9.15

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2412MHz

17/01/2024

CF (Hz)
2.412G

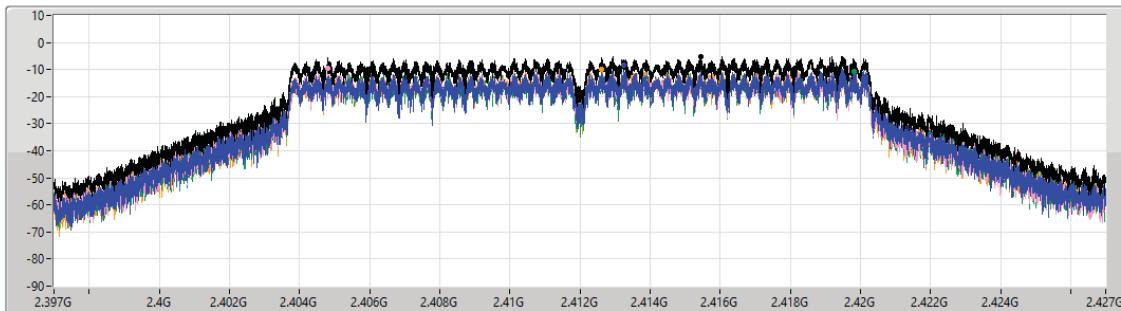
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



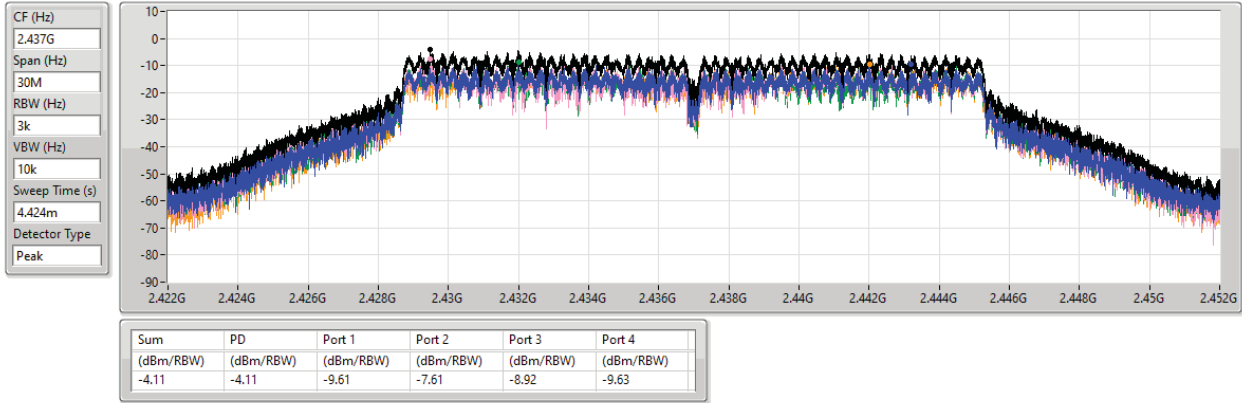
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.09	-5.09	-8.26	-9.39	-10.63	-9.83

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2437MHz

17/01/2024

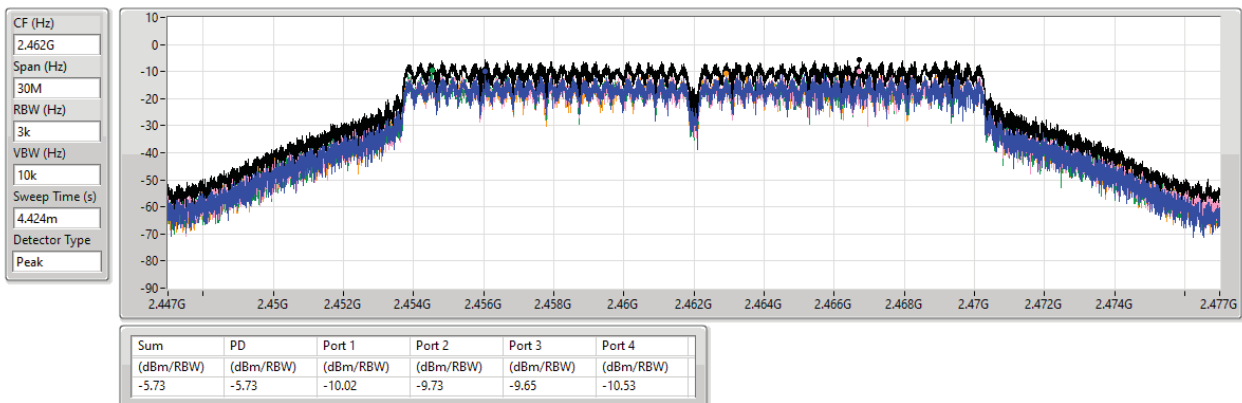


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

PSD

2462MHz

17/01/2024

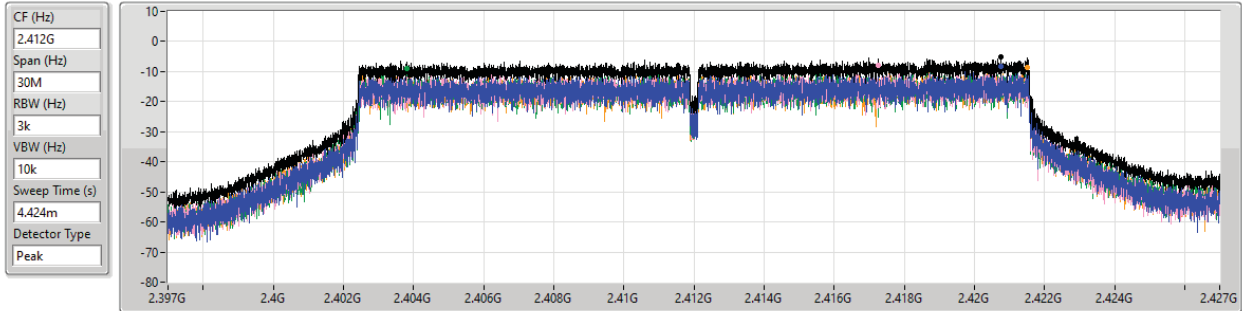


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2412MHz

17/01/2024



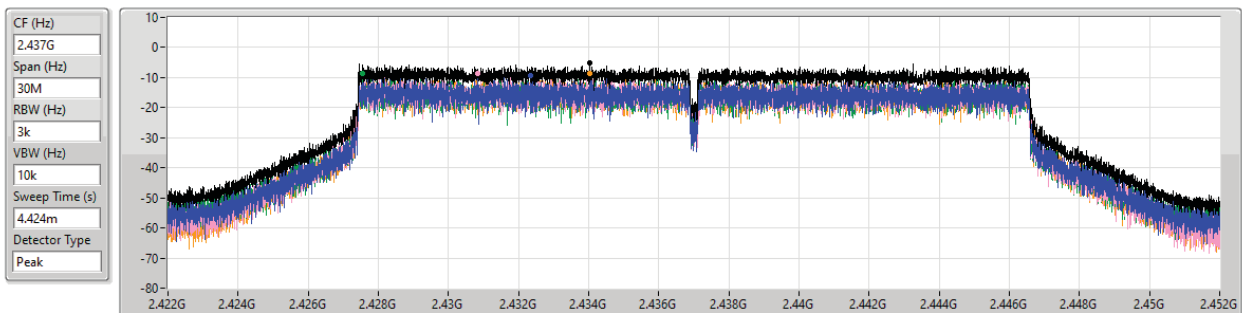
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.21	-5.21	-8.37	-8.09	-9.10	-8.58

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2437MHz

17/01/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.13	-5.13	-9.18	-8.71	-8.65	-8.46

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

2462MHz

17/01/2024

CF (Hz)
2.462G

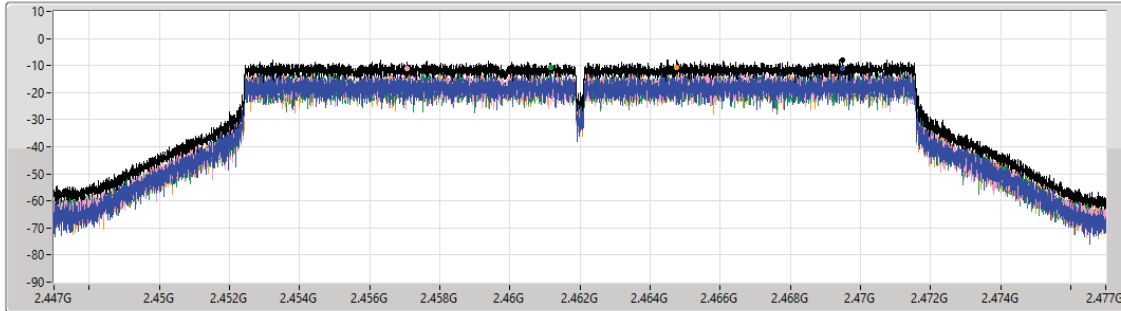
Span (Hz)
30M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
4.424m

Detector Type
Peak



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.78	-7.78	-10.97	-11.05	-10.59	-10.88

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2422MHz

17/01/2024

CF (Hz)
2.422G

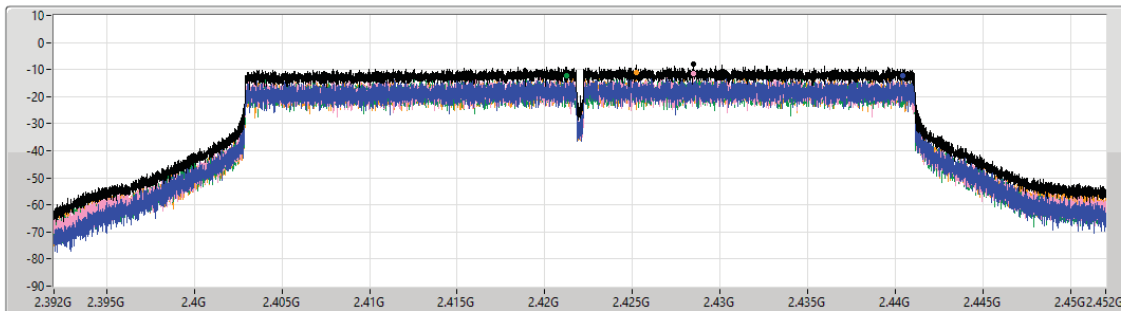
Span (Hz)
60M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
8.849m

Detector Type
Peak



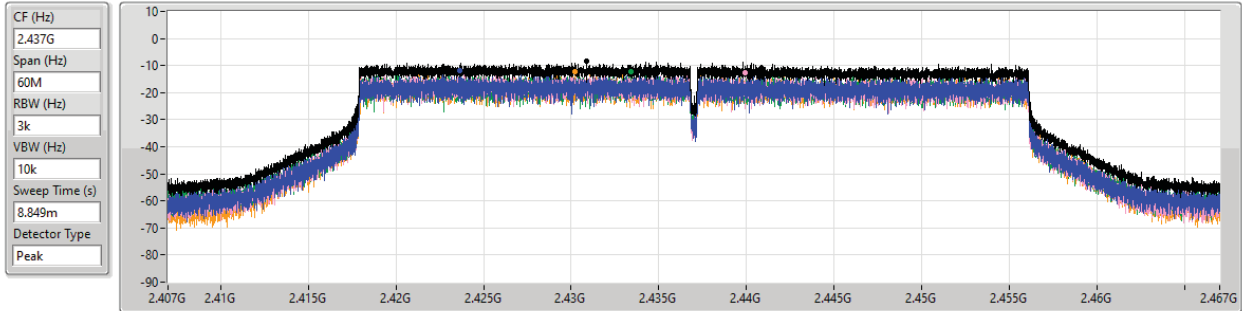
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.16	-8.16	-12.30	-11.38	-12.08	-11.03

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2437MHz

17/01/2024



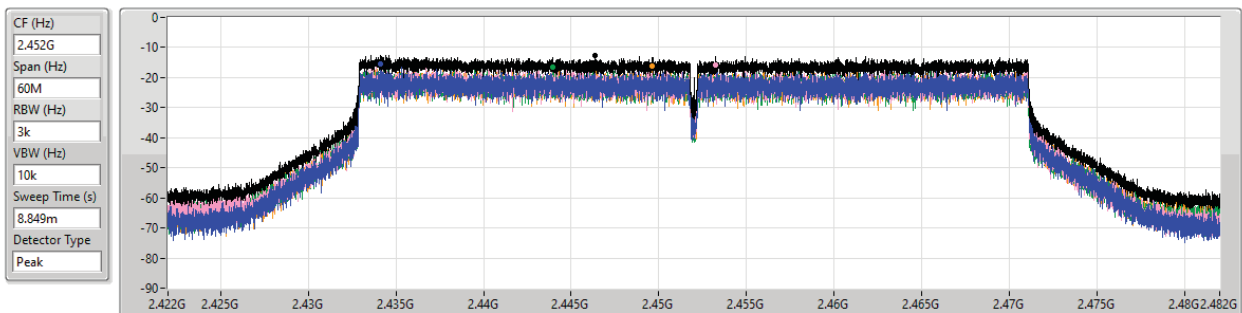
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.17	-8.17	-11.83	-12.49	-12.16	-12.09

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

2452MHz

17/01/2024



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.61	-12.61	-15.44	-15.73	-16.69	-16.09

**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	2.41086G	8.46	-21.54	2.17593G	-55.07	2.39904G	-44.61	2.4G	-44.14	2.5143G	-52.43	21.58919G	-44.94	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43958G	6.81	-23.19	1.78566G	-54.86	2.4G	-32.96	2.4G	-30.64	2.50974G	-51.22	21.69314G	-44.65	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44208G	6.32	-23.68	2.0606G	-54.98	2.39992G	-29.77	2.4G	-28.82	2.52334G	-52.14	21.81958G	-44.56	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44709G	3.06	-26.94	1.72804G	-55.48	2.4G	-37.16	2.4G	-38.17	2.54702G	-54.41	21.91218G	-44.16	2

**Result**

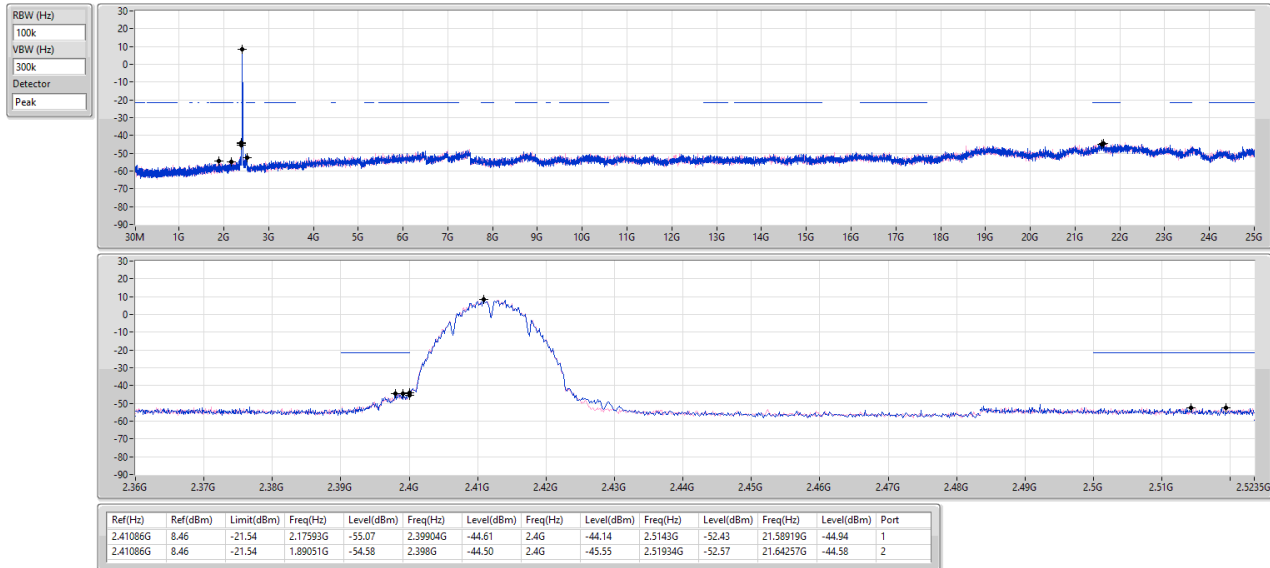
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41086G	8.46	-21.54	2.17593G	-55.07	2.39904G	-44.61	2.4G	-44.14	2.5143G	-52.43	21.58919G	-44.94	1
2412MHz	Pass	2.41086G	8.46	-21.54	1.89051G	-54.58	2.398G	-44.50	2.4G	-45.55	2.51934G	-52.57	21.64257G	-44.58	2
2437MHz	Pass	2.41086G	8.46	-21.54	2.10836G	-54.63	2.4G	-51.32	2.4G	-52.70	2.52078G	-52.49	21.60043G	-44.21	1
2437MHz	Pass	2.41086G	8.46	-21.54	2.30525G	-55.42	2.396G	-52.50	2.4G	-55.14	2.5147G	-52.45	21.61167G	-42.67	2
2462MHz	Pass	2.41086G	8.46	-21.54	2.14914G	-54.87	2.4G	-51.48	2.4G	-52.73	2.50878G	-52.48	21.6201G	-44.40	1
2462MHz	Pass	2.41086G	8.46	-21.54	1.86837G	-55.40	2.4G	-52.24	2.4G	-54.84	2.51102G	-52.74	21.67067G	-43.47	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	6.81	-23.19	1.78566G	-54.86	2.4G	-32.96	2.4G	-30.64	2.50974G	-51.22	21.69314G	-44.65	1
2412MHz	Pass	2.43958G	6.81	-23.19	1.894G	-55.15	2.39984G	-32.72	2.4G	-32.69	2.51294G	-52.32	21.66224G	-43.93	2
2437MHz	Pass	2.43958G	6.81	-23.19	1.64469G	-54.71	2.4G	-51.89	2.4G	-52.26	2.50206G	-52.48	23.56993G	-44.18	1
2437MHz	Pass	2.43958G	6.81	-23.19	2.03963G	-55.41	2.39952G	-51.76	2.4G	-55.06	2.50982G	-50.86	21.85891G	-44.72	2
2462MHz	Pass	2.43958G	6.81	-23.19	1.7542G	-55.51	2.4G	-50.93	2.4G	-52.71	2.50766G	-52.56	21.592G	-44.18	1
2462MHz	Pass	2.43958G	6.81	-23.19	2.30874G	-55.66	2.4G	-52.04	2.4G	-55.82	2.5003G	-51.94	21.64538G	-44.55	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	6.32	-23.68	2.0606G	-54.98	2.39992G	-29.77	2.4G	-28.82	2.52334G	-52.14	21.81958G	-44.56	1
2412MHz	Pass	2.44208G	6.32	-23.68	2.30292G	-55.31	2.39968G	-29.51	2.4G	-30.46	2.51894G	-52.35	21.55267G	-43.70	2
2437MHz	Pass	2.44208G	6.32	-23.68	1.82294G	-55.26	2.4G	-51.18	2.4G	-51.21	2.50686G	-52.85	21.65381G	-44.15	1
2437MHz	Pass	2.44208G	6.32	-23.68	1.96623G	-54.72	2.4G	-51.24	2.4G	-54.49	2.51078G	-52.42	21.62853G	-43.66	2
2462MHz	Pass	2.44208G	6.32	-23.68	1.93944G	-55.27	2.4G	-51.20	2.4G	-51.46	2.51654G	-51.73	21.68753G	-43.82	1
2462MHz	Pass	2.44208G	6.32	-23.68	2.01283G	-55.48	2.39048G	-52.83	2.4G	-55.58	2.50678G	-52.49	21.9151G	-44.17	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44709G	3.06	-26.94	1.74063G	-54.60	2.39984G	-39.73	2.4G	-38.79	2.54814G	-55.36	21.58685G	-44.56	1
2422MHz	Pass	2.44709G	3.06	-26.94	1.72804G	-55.48	2.4G	-37.16	2.4G	-38.17	2.54702G	-54.41	21.91218G	-44.16	2
2437MHz	Pass	2.44709G	3.06	-26.94	1.75208G	-55.52	2.3992G	-44.83	2.4G	-43.45	2.54254G	-54.89	21.68781G	-44.17	1
2437MHz	Pass	2.44709G	3.06	-26.94	1.8391G	-55.50	2.39872G	-42.60	2.4G	-44.08	2.50862G	-54.56	21.51112G	-44.15	2
2452MHz	Pass	2.44709G	3.06	-26.94	1.96734G	-55.14	2.39984G	-48.55	2.4G	-47.30	2.51646G	-54.93	21.58685G	-44.10	1
2452MHz	Pass	2.44709G	3.06	-26.94	2.1139G	-55.15	2.39872G	-49.00	2.4G	-51.35	2.51902G	-54.76	21.49149G	-44.50	2

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

CSEndB

2412MHz

16/01/2024

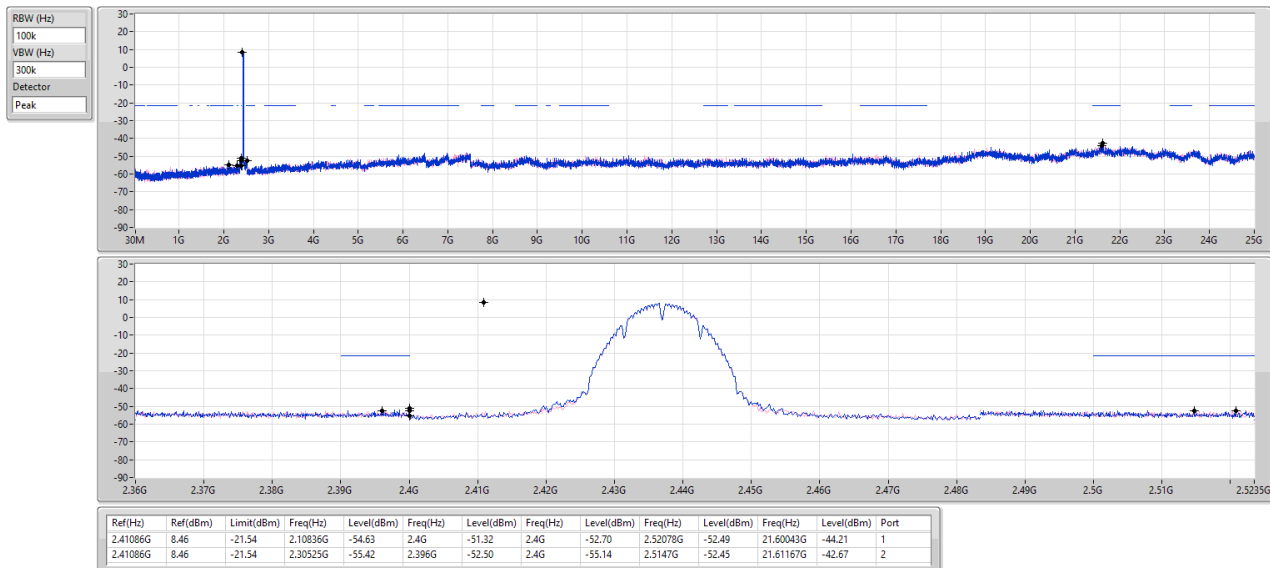


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

16/01/2024



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

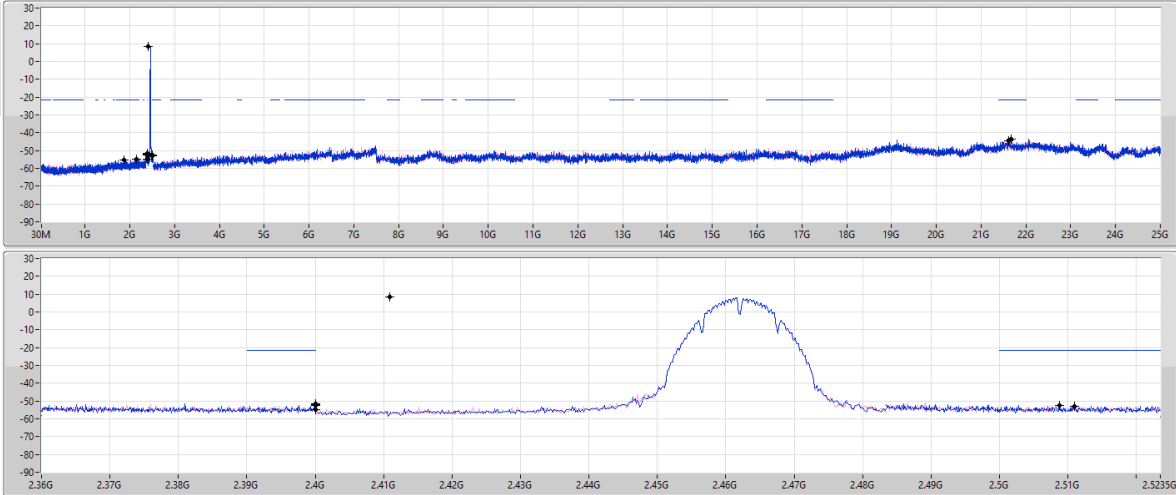
CSEndB

2462MHz

16/01/2024

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41086G	8.46	-21.54	2.14914G	-54.87	2.4G	-51.48	2.4G	-52.73	2.50878G	-52.48	21.6201G	-44.40	1
2.41086G	8.46	-21.54	1.88837G	-55.40	2.4G	-52.24	2.4G	-54.84	2.51102G	-52.74	21.67067G	-43.47	2

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

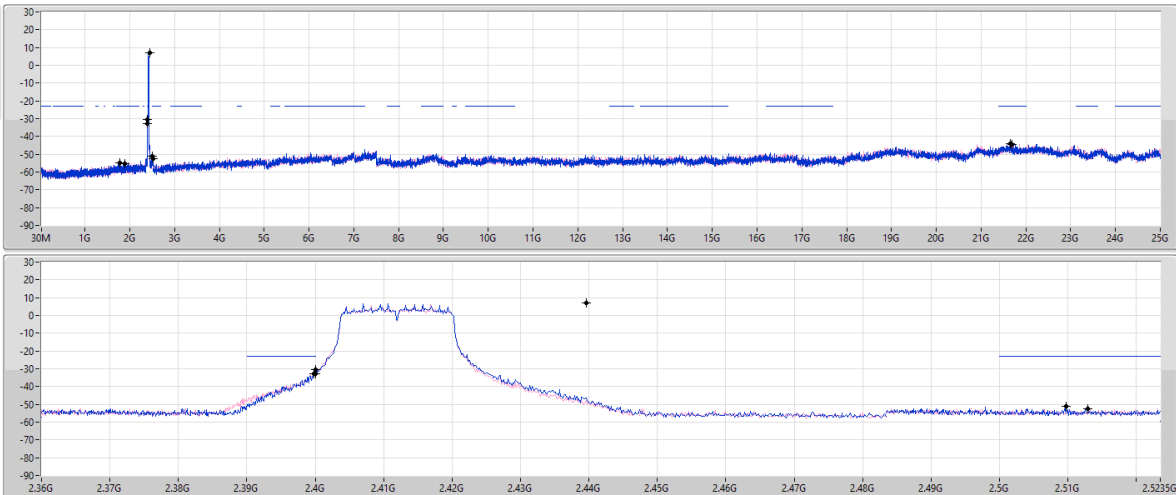
CSEndB

2412MHz

16/01/2024

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43958G	6.81	-23.19	1.78566G	-54.86	2.4G	-32.96	2.4G	-30.64	2.50974G	-51.22	21.69314G	-44.65	1
2.43958G	6.81	-23.19	1.894G	-55.15	2.39984G	-32.72	2.4G	-32.69	2.51294G	-52.32	21.66224G	-43.93	2

2.4-2.4835GHz_802.11g_(6Mbps)_2TX

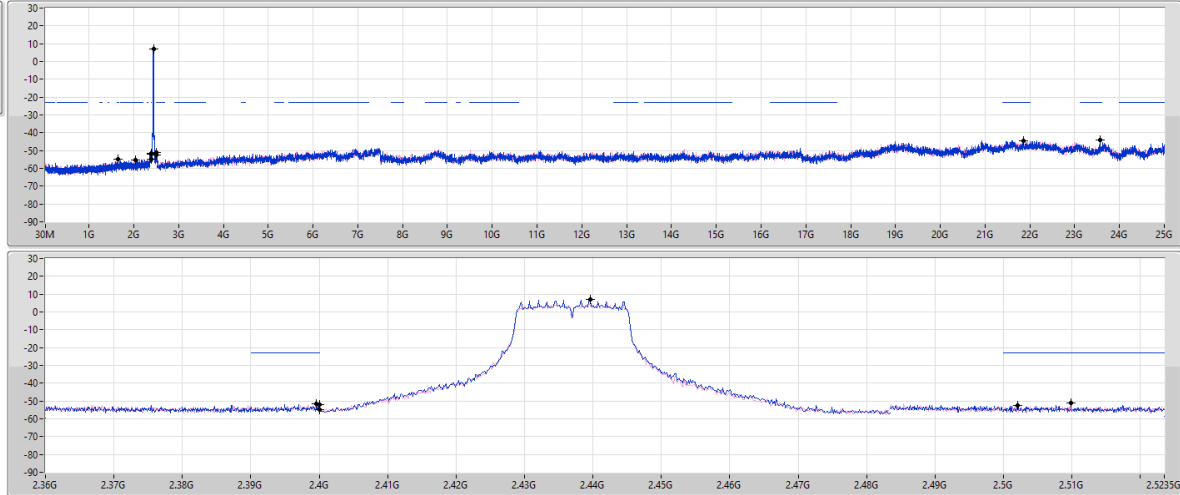
CSEndB

2437MHz

16/01/2024

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43958G	6.81	-23.19	1.64469G	-54.71	2.4G	-51.89	2.4G	-52.26	2.50206G	-52.48	23.56993G	-44.18	1
2.43958G	6.81	-23.19	2.03963G	-55.41	2.39952G	-51.76	2.4G	-55.06	2.50982G	-50.86	21.85891G	-44.72	2

2.4-2.4835GHz_802.11g_(6Mbps)_2TX

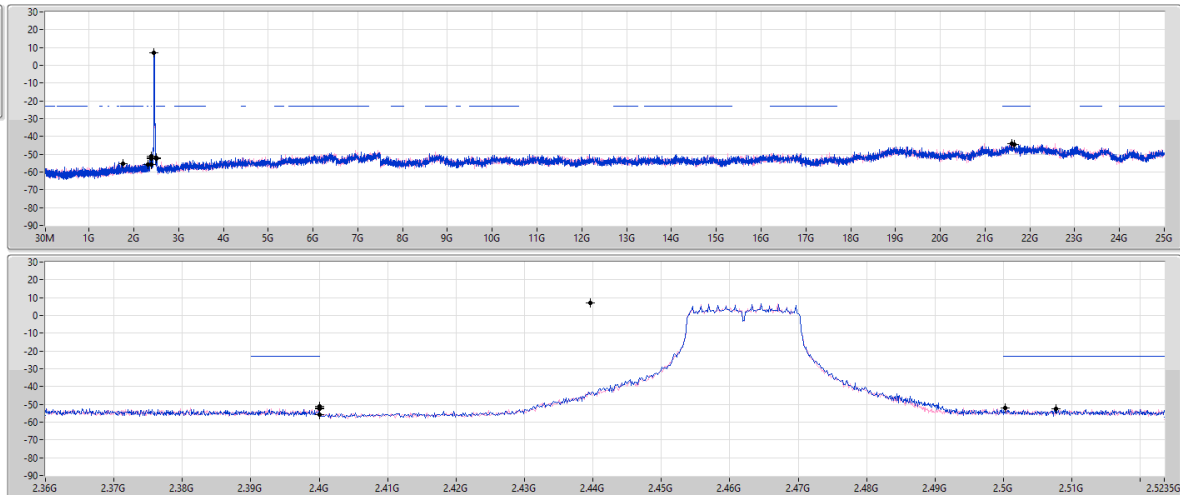
CSEndB

2462MHz

16/01/2024

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

Port 1
Port 2



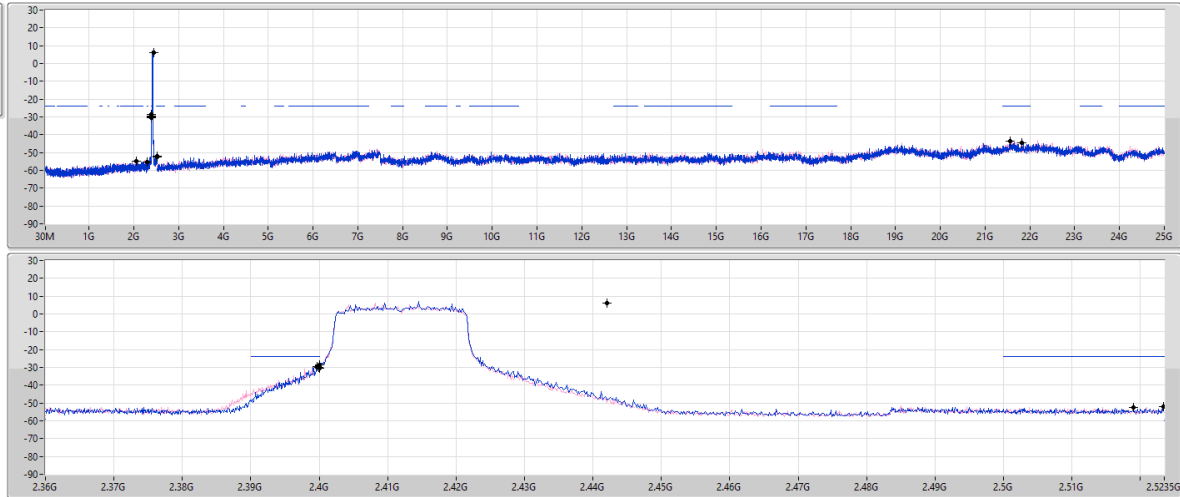
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43958G	6.81	-23.19	1.7542G	-55.51	2.4G	-50.93	2.4G	-52.71	2.50766G	-52.56	21.592G	-44.18	1
2.43958G	6.81	-23.19	2.30874G	-55.66	2.4G	-52.04	2.4G	-55.82	2.5003G	-51.94	21.64338G	-44.55	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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



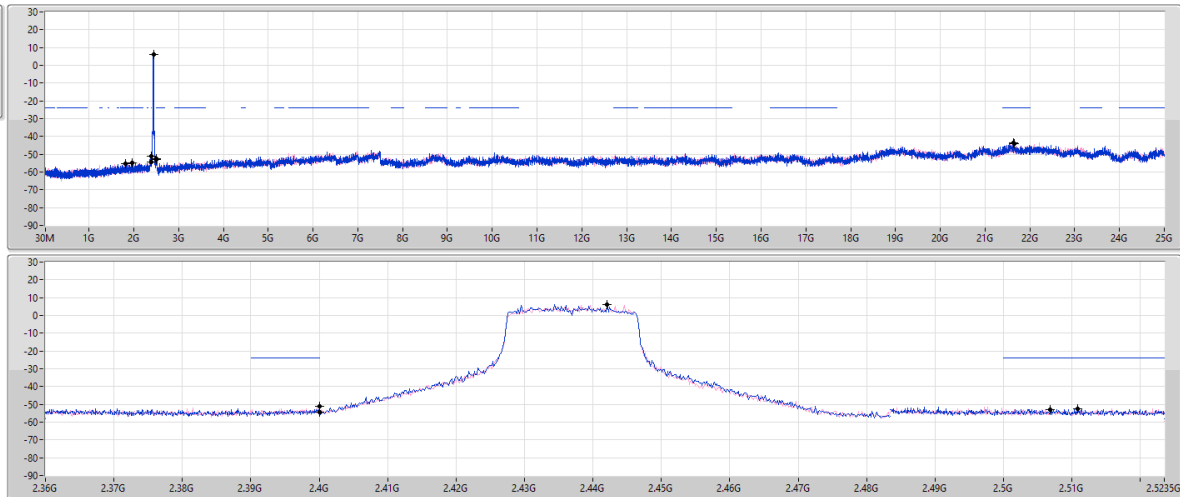
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	6.32	-23.68	2.0606G	-54.98	2.39992G	-29.77	2.4G	-28.82	2.52334G	-52.14	21.81959G	-44.56	1
2.44208G	6.32	-23.68	2.30292G	-55.31	2.39968G	-29.51	2.4G	-30.46	2.51894G	-52.35	21.55267G	-43.70	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2437MHz

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



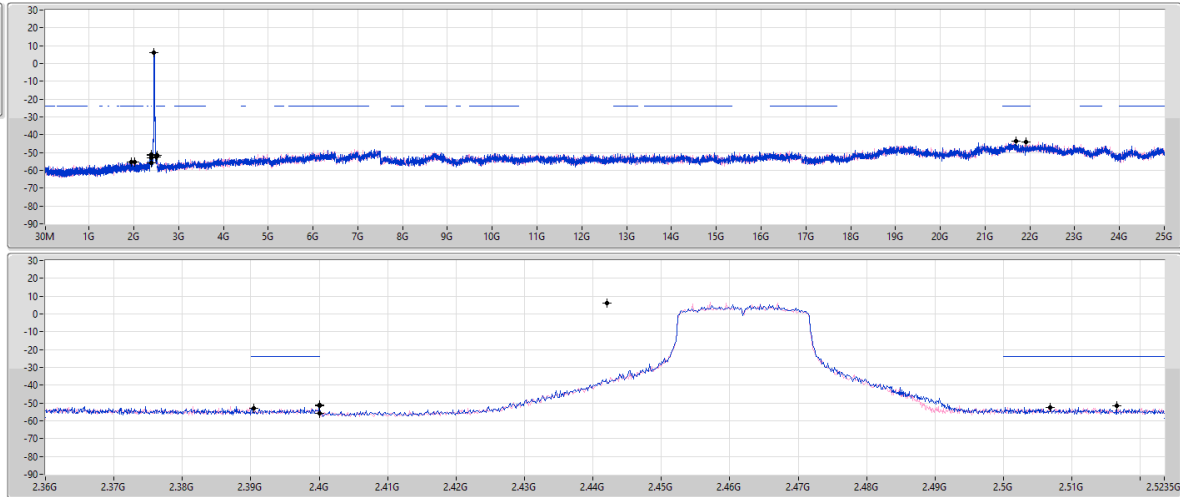
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	6.32	-23.68	1.82294G	-55.26	2.4G	-51.18	2.4G	-51.21	2.50686G	-52.85	21.65381G	-44.15	1
2.44208G	6.32	-23.68	1.96623G	-54.72	2.4G	-51.24	2.4G	-54.49	2.51078G	-52.42	21.62853G	-43.66	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSEndB

2462MHz

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



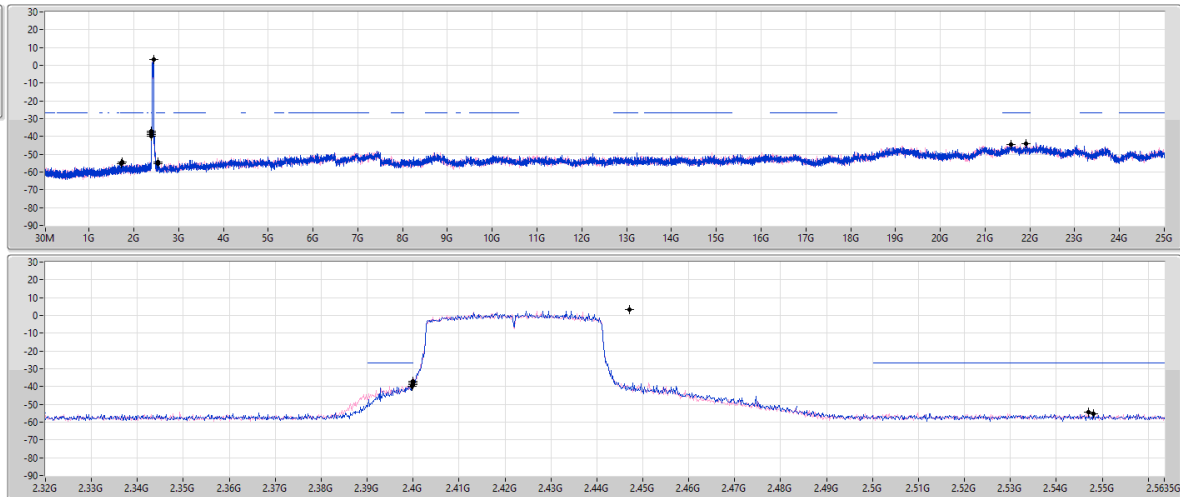
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	6.32	-23.68	1.93944G	-55.27	2.4G	-51.20	2.4G	-51.46	2.51654G	-51.73	21.68753G	-43.82	1
2.44208G	6.32	-23.68	2.01283G	-55.48	2.39048G	-52.83	2.4G	-55.58	2.50678G	-52.49	21.9151G	-44.17	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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



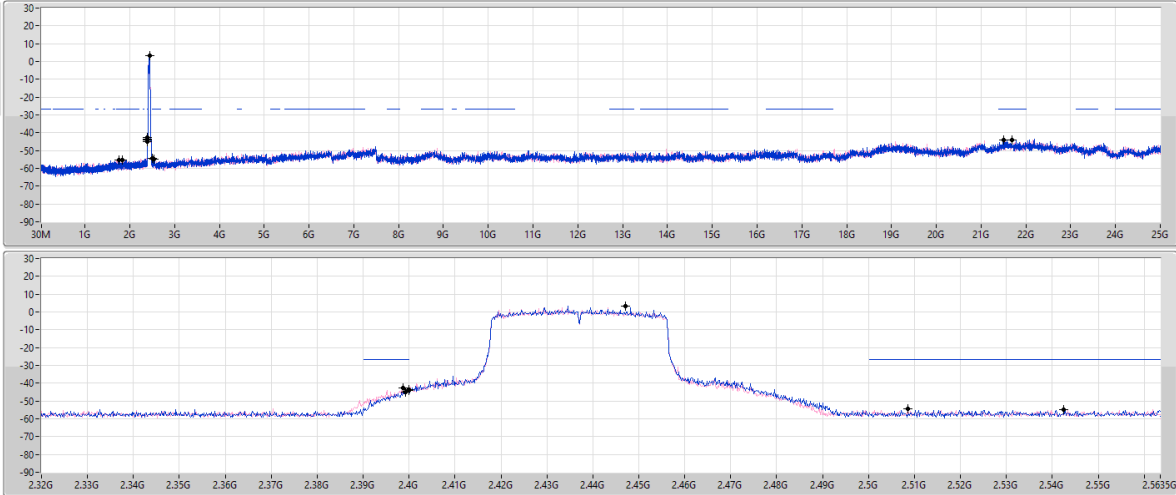
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44709G	3.06	-26.94	1.74063G	-54.60	2.39984G	-39.73	2.4G	-38.79	2.54814G	-55.36	21.5885G	-44.56	1
2.44709G	3.06	-26.94	1.72804G	-55.48	2.4G	-37.16	2.4G	-38.17	2.54702G	-54.41	21.91218G	-44.16	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSEndB

2437MHz

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



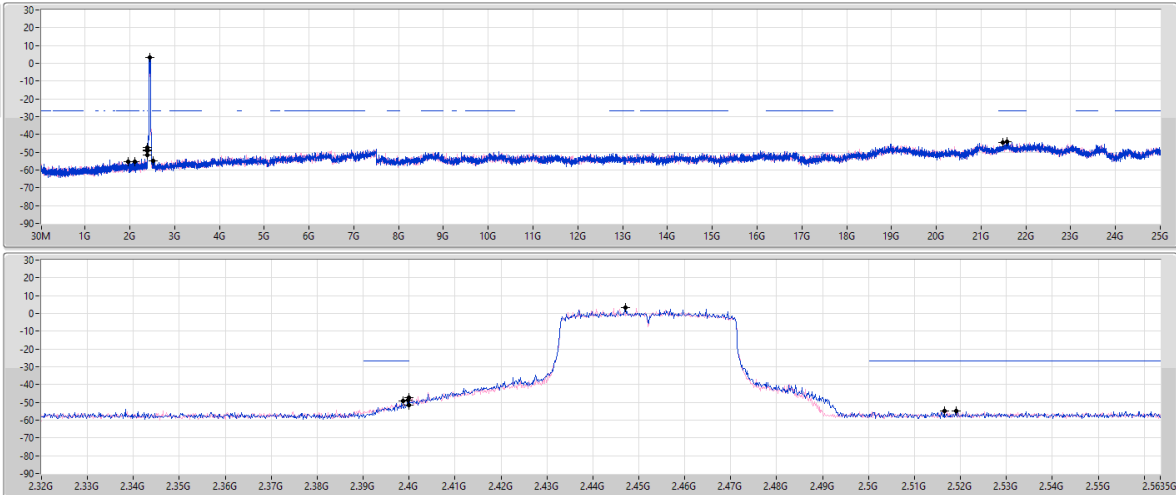
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44709G	3.06	-26.94	1.75208G	-55.52	2.3992G	-44.83	2.4G	-43.45	2.54254G	-54.89	21.68781G	-44.17	1
2.44709G	3.06	-26.94	1.8391G	-55.50	2.39872G	-42.60	2.4G	-44.08	2.50862G	-54.56	21.51112G	-44.15	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

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
2.44709G	3.06	-26.94	1.96734G	-55.14	2.39984G	-48.55	2.4G	-47.30	2.51646G	-54.93	21.58855G	-44.10	1
2.44709G	3.06	-26.94	2.1139G	-55.15	2.39872G	-49.00	2.4G	-51.35	2.51902G	-54.76	21.49149G	-44.50	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)_4TX	Pass	2.43607G	9.69	-20.31	687.06M	-56.11	2.39904G	-42.87	2.4G	-43.71	2.50038G	-52.96	16.20045G	-43.11	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43073G	7.49	-22.51	2.11885G	-55.18	2.4G	-26.46	2.4G	-24.78	2.50718G	-52.75	16.25383G	-42.07	4
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	2.43073G	7.06	-22.94	2.30059G	-55.17	2.3996G	-24.27	2.4G	-26.98	2.50486G	-53.17	17.66142G	-43.28	1
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	2.41937G	3.93	-26.07	31.15M	-51.39	2.39984G	-26.74	2.4G	-27.51	2.50094G	-48.98	23.3425G	-43.16	4



CSE (NdB Down) Non-Beamforming Radio 1

Appendix E.2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	9.69	-20.31	1.85323G	-55.56	2.398G	-44.24	2.4G	-49.31	2.50294G	-52.94	15.30701G	-42.83	1
2412MHz	Pass	2.43607G	9.69	-20.31	2.30175G	-55.40	2.39968G	-44.60	2.4G	-48.07	2.50278G	-53.46	17.61366G	-42.29	2
2412MHz	Pass	2.43607G	9.69	-20.31	687.06M	-56.11	2.39904G	-42.87	2.4G	-43.71	2.50038G	-52.96	16.20045G	-43.11	3
2412MHz	Pass	2.43607G	9.69	-20.31	1.86138G	-55.96	2.4G	-44.74	2.4G	-47.45	2.50046G	-52.54	17.60242G	-41.70	4
2437MHz	Pass	2.43607G	9.69	-20.31	1.95691G	-56.26	2.39952G	-51.86	2.4G	-53.08	2.5007G	-53.03	17.55747G	-43.16	1
2437MHz	Pass	2.43607G	9.69	-20.31	958.51M	-55.74	2.398G	-50.37	2.4G	-53.44	2.5011G	-53.04	21.53581G	-42.50	2
2437MHz	Pass	2.43607G	9.69	-20.31	825.7M	-56.49	2.39704G	-48.71	2.4G	-48.97	2.5003G	-51.98	21.71562G	-42.82	3
2437MHz	Pass	2.43607G	9.69	-20.31	1.88002G	-56.35	2.39984G	-51.60	2.4G	-52.65	2.50366G	-52.64	16.86632G	-42.94	4
2462MHz	Pass	2.43607G	9.69	-20.31	2.07574G	-56.16	2.39992G	-52.04	2.4G	-53.85	2.50222G	-50.64	15.2761G	-42.39	1
2462MHz	Pass	2.43607G	9.69	-20.31	2.1969G	-56.34	2.4G	-52.60	2.4G	-52.59	2.50094G	-50.55	17.60242G	-42.92	2
2462MHz	Pass	2.43607G	9.69	-20.31	2.30292G	-55.61	2.4G	-50.51	2.4G	-52.92	2.5015G	-50.52	24.61509G	-41.88	3
2462MHz	Pass	2.43607G	9.69	-20.31	2.30874G	-56.55	2.39976G	-51.18	2.4G	-52.97	2.50198G	-50.24	16.25383G	-42.05	4
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	7.49	-22.51	2.30874G	-56.33	2.4G	-25.98	2.4G	-26.05	2.50934G	-53.14	16.23136G	-42.53	1
2412MHz	Pass	2.43073G	7.49	-22.51	795.41M	-56.81	2.4G	-24.79	2.4G	-25.66	2.50734G	-53.78	16.28755G	-41.46	2
2412MHz	Pass	2.43073G	7.49	-22.51	2.12118G	-56.27	2.39992G	-25.26	2.4G	-25.45	2.50086G	-53.06	16.88036G	-42.97	3
2412MHz	Pass	2.43073G	7.49	-22.51	2.11885G	-55.18	2.4G	-26.46	2.4G	-24.78	2.50718G	-52.75	16.25383G	-42.07	4
2437MHz	Pass	2.43073G	7.49	-22.51	652.11M	-55.88	2.39944G	-50.70	2.4G	-50.35	2.50318G	-53.16	17.61366G	-41.70	1
2437MHz	Pass	2.43073G	7.49	-22.51	2.30408G	-56.39	2.39968G	-48.36	2.4G	-49.47	2.50862G	-53.51	16.26226G	-41.77	2
2437MHz	Pass	2.43073G	7.49	-22.51	883.95M	-56.06	2.39864G	-49.64	2.4G	-50.39	2.50134G	-52.36	17.61366G	-42.87	3
2437MHz	Pass	2.43073G	7.49	-22.51	1.99303G	-55.43	2.39928G	-49.75	2.4G	-51.86	2.5011G	-52.06	16.26226G	-42.43	4
2462MHz	Pass	2.43073G	7.49	-22.51	1.93594G	-55.78	2.39744G	-52.97	2.4G	-54.59	2.50046G	-48.72	17.54061G	-42.74	1
2462MHz	Pass	2.43073G	7.49	-22.51	2.12817G	-56.10	2.3992G	-52.86	2.4G	-54.49	2.50198G	-48.26	16.30159G	-42.01	2
2462MHz	Pass	2.43073G	7.49	-22.51	2.30641G	-55.95	2.3996G	-52.88	2.4G	-54.20	2.50198G	-48.82	16.25945G	-43.05	3
2462MHz	Pass	2.43073G	7.49	-22.51	2.14564G	-56.13	2.39864G	-52.95	2.4G	-53.21	2.50006G	-48.27	16.25664G	-41.90	4
802.11be EHT20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	7.06	-22.94	2.30059G	-55.17	2.3996G	-24.27	2.4G	-26.98	2.50486G	-53.17	17.66142G	-43.28	1
2412MHz	Pass	2.43073G	7.06	-22.94	906.08M	-56.36	2.39976G	-26.85	2.4G	-25.79	2.50078G	-53.72	16.25102G	-42.54	2
2412MHz	Pass	2.43073G	7.06	-22.94	927.05M	-55.85	2.39992G	-24.52	2.4G	-25.72	2.50806G	-53.12	17.60242G	-42.02	3
2412MHz	Pass	2.43073G	7.06	-22.94	2.30292G	-56.02	2.39992G	-25.75	2.4G	-25.73	2.5007G	-52.30	16.6556G	-42.98	4
2437MHz	Pass	2.43073G	7.06	-22.94	2.12467G	-56.27	2.39928G	-46.85	2.4G	-48.07	2.50526G	-52.67	16.60784G	-43.10	1
2437MHz	Pass	2.43073G	7.06	-22.94	2.30525G	-56.65	2.39936G	-46.81	2.4G	-47.95	2.50166G	-51.57	16.26788G	-42.85	2
2437MHz	Pass	2.43073G	7.06	-22.94	2.30641G	-55.60	2.4G	-46.85	2.4G	-47.34	2.50094G	-52.16	17.16975G	-42.37	3
2437MHz	Pass	2.43073G	7.06	-22.94	2.30292G	-56.05	2.3992G	-49.50	2.4G	-50.51	2.50406G	-51.40	17.60242G	-42.62	4
2462MHz	Pass	2.43073G	7.06	-22.94	2.19457G	-55.88	2.39776G	-53.60	2.4G	-55.43	2.50166G	-52.42	24.62071G	-42.83	1
2462MHz	Pass	2.43073G	7.06	-22.94	2.09788G	-55.49	2.39712G	-52.99	2.4G	-53.90	2.5007G	-51.98	16.22012G	-42.60	2
2462MHz	Pass	2.43073G	7.06	-22.94	895.6M	-56.65	2.3992G	-52.18	2.4G	-53.30	2.5023G	-52.07	17.64176G	-42.03	3
2462MHz	Pass	2.43073G	7.06	-22.94	2.12351G	-55.95	2.39984G	-52.92	2.4G	-55.46	2.50254G	-51.16	16.23136G	-42.90	4
802.11be EHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41937G	3.93	-26.07	30M	-50.64	2.39984G	-28.33	2.4G	-27.99	2.50238G	-49.93	17.61278G	-42.54	1
2422MHz	Pass	2.41937G	3.93	-26.07	30M	-49.87	2.39984G	-27.06	2.4G	-27.25	2.50046G	-48.52	16.31988G	-42.35	2
2422MHz	Pass	2.41937G	3.93	-26.07	30M	-52.02	2.4G	-26.94	2.4G	-26.95	2.50078G	-48.12	16.26098G	-42.76	3
2422MHz	Pass	2.41937G	3.93	-26.07	31.15M	-51.39	2.39984G	-26.74	2.4G	-27.51	2.50094G	-48.98	23.3425G	-43.16	4
2437MHz	Pass	2.41937G	3.93	-26.07	30M	-50.19	2.39936G	-35.64	2.4G	-39.98	2.50174G	-48.58	17.62681G	-41.79	1
2437MHz	Pass	2.41937G	3.93	-26.07	30M	-52.13	2.39936G	-40.94	2.4G	-40.46	2.5019G	-51.20	16.58351G	-42.79	2
2437MHz	Pass	2.41937G	3.93	-26.07	32.29M	-48.88	2.39968G	-36.66	2.4G	-40.92	2.50142G	-50.82	15.24012G	-42.42	3
2437MHz	Pass	2.41937G	3.93	-26.07	30M	-50.57	2.3992G	-41.40	2.4G	-41.95	2.5011G	-50.66	23.31446G	-42.57	4
2452MHz	Pass	2.41937G	3.93	-26.07	2.30168G	-55.51	2.3984G	-53.29	2.4G	-52.80	2.50046G	-52.32	16.2694G	-42.08	1
2452MHz	Pass	2.41937G	3.93	-26.07	30M	-55.43	2.39952G	-50.68	2.4G	-52.45	2.50014G	-49.91	17.65766G	-41.72	2
2452MHz	Pass	2.41937G	3.93	-26.07	31.15M	-54.25	2.39936G	-51.64	2.4G	-51.72	2.50014G	-49.42	24.98598G	-42.96	3
2452MHz	Pass	2.41937G	3.93	-26.07	822.34M	-55.99	2.39952G	-49.46	2.4G	-51.09	2.50062G	-49.29	16.62277G	-42.74	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

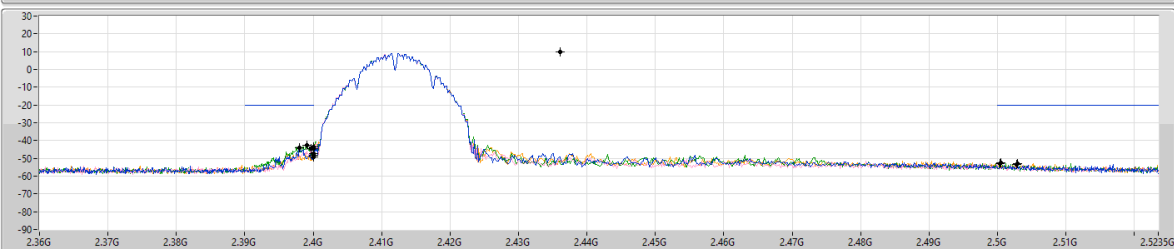
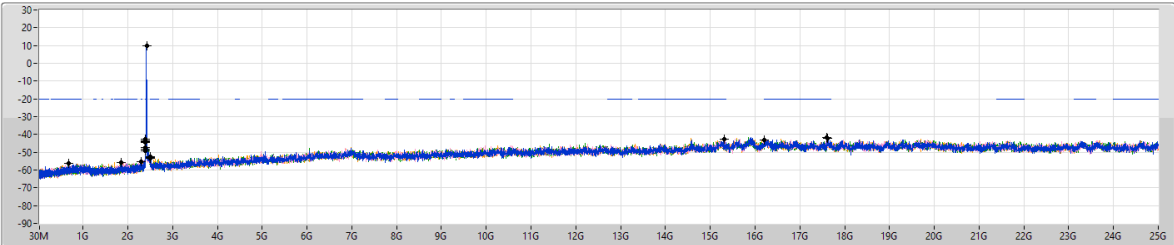
CSEndB

2412MHz

17/01/2024

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

Port 1
Port 2
Port 3
Port 4



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
2.43607G	9.69	-20.31	1.85323G	-55.56	2.398G	-44.24	2.4G	-49.31	2.50294G	-52.94	15.30701G	-42.83	1
2.43607G	9.69	-20.31	2.30175G	-55.40	2.39968G	-44.60	2.4G	-48.07	2.50278G	-53.46	17.61366G	-42.29	2
2.43607G	9.69	-20.31	687.06M	-56.11	2.39904G	-42.87	2.4G	-43.71	2.50038G	-52.96	16.20045G	-43.11	3
2.43607G	9.69	-20.31	1.86138G	-55.96	2.4G	-44.74	2.4G	-47.45	2.50046G	-52.54	17.60242G	-41.70	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

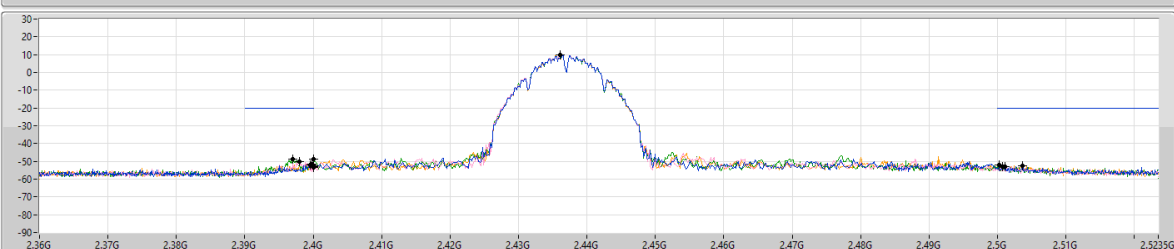
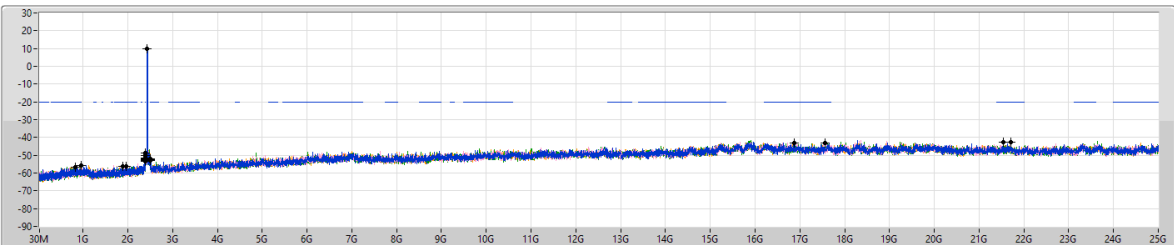
CSEndB

2437MHz

17/01/2024

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

Port 1
Port 2
Port 3
Port 4



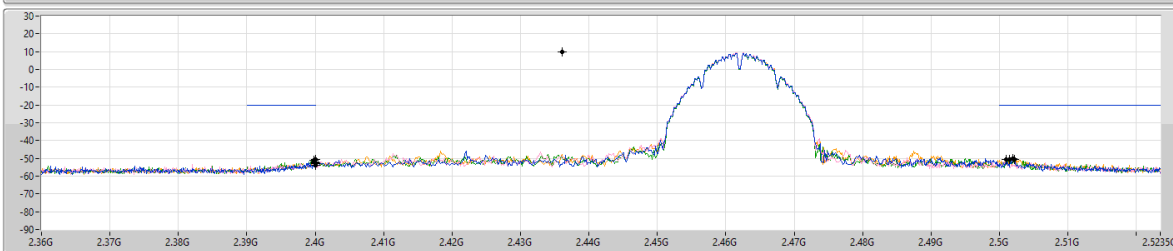
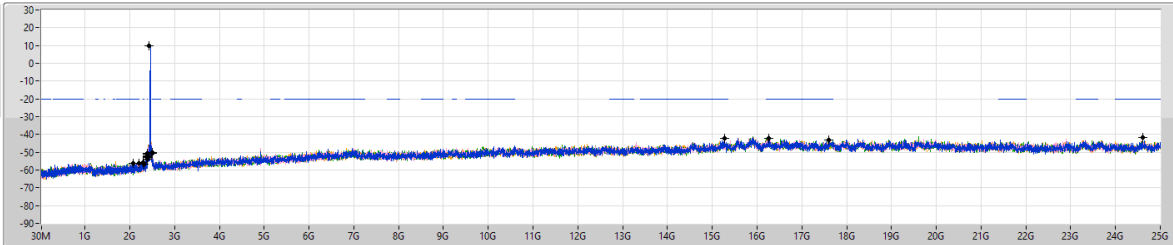
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43607G	9.69	-20.31	1.95691G	-56.26	2.39952G	-51.86	2.4G	-53.08	2.5007G	-53.03	17.55747G	-43.16	1
2.43607G	9.69	-20.31	958.51M	-55.74	2.398G	-50.37	2.4G	-53.44	2.5011G	-53.04	21.53581G	-42.50	2
2.43607G	9.69	-20.31	825.7M	-56.49	2.39704G	-48.71	2.4G	-48.97	2.5003G	-51.98	21.71562G	-42.82	3
2.43607G	9.69	-20.31	1.88002G	-56.35	2.39984G	-51.60	2.4G	-52.65	2.50366G	-52.64	16.86632G	-42.94	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

CSEndB

2462MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

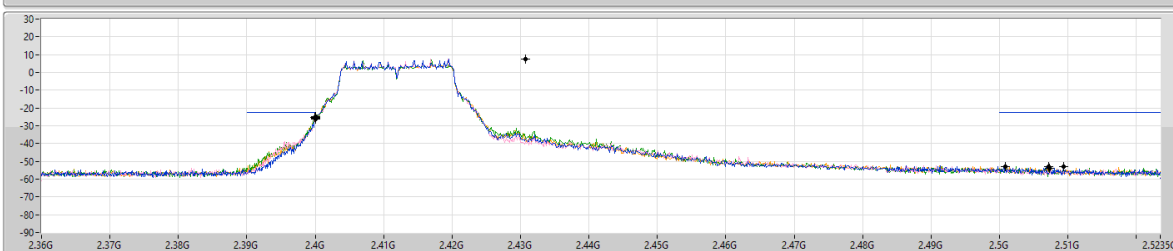
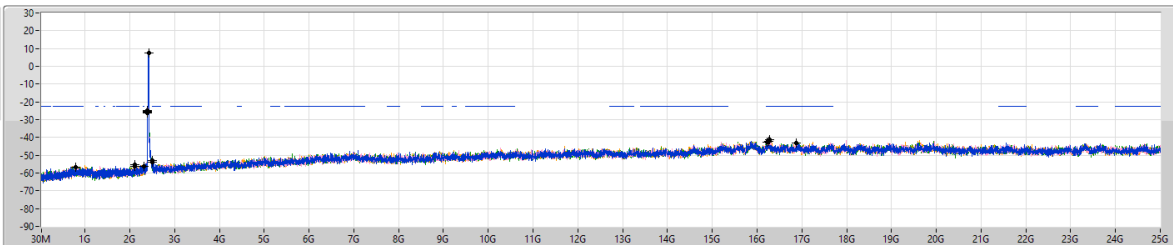
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43607G	9.69	-20.31	2.07574G	-56.16	2.39992G	-52.04	2.4G	-53.85	2.50222G	-50.64	15.2761G	-42.39	1
2.43607G	9.69	-20.31	2.1969G	-56.34	2.4G	-52.60	2.4G	-52.59	2.50094G	-50.55	17.60242G	-42.92	2
2.43607G	9.69	-20.31	2.30292G	-55.61	2.4G	-50.51	2.4G	-52.92	2.5015G	-50.52	24.61509G	-41.88	3
2.43607G	9.69	-20.31	2.30874G	-56.55	2.39978G	-51.18	2.4G	-52.97	2.50198G	-50.24	16.25383G	-42.05	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2412MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

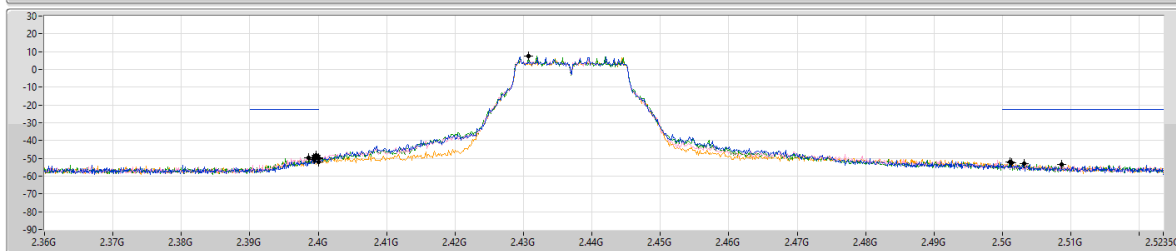
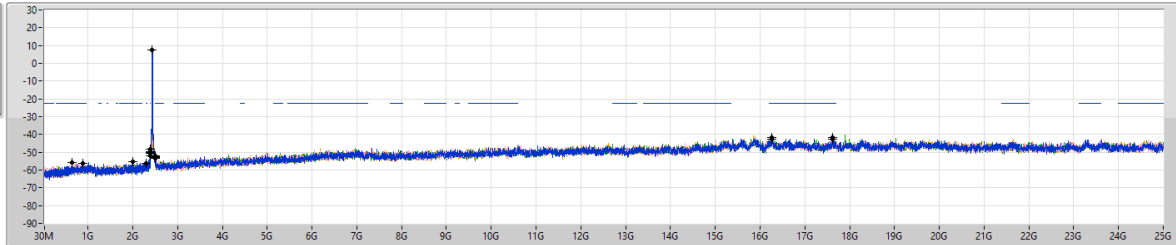
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.49	-22.51	2.30874G	-56.33	2.4G	-25.98	2.4G	-26.05	2.50934G	-53.14	16.23136G	-42.53	1
2.43073G	7.49	-22.51	795.41M	-56.81	2.4G	-24.79	2.4G	-25.66	2.50734G	-53.78	16.28755G	-41.46	2
2.43073G	7.49	-22.51	2.12118G	-56.27	2.39992G	-25.26	2.4G	-25.45	2.50086G	-53.06	16.88036G	-42.97	3
2.43073G	7.49	-22.51	2.11885G	-55.18	2.4G	-26.46	2.4G	-24.78	2.50718G	-52.75	16.25383G	-42.07	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2437MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

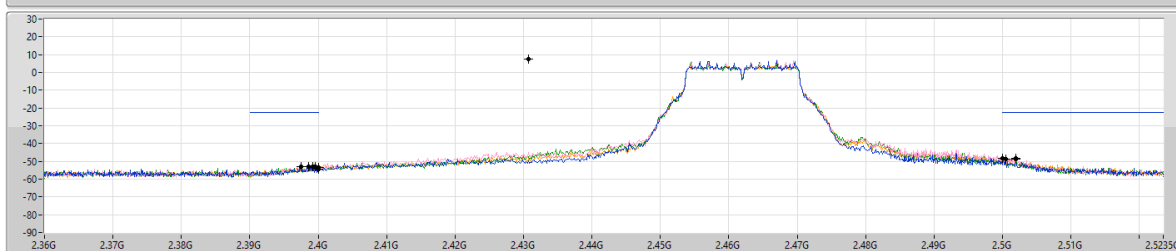
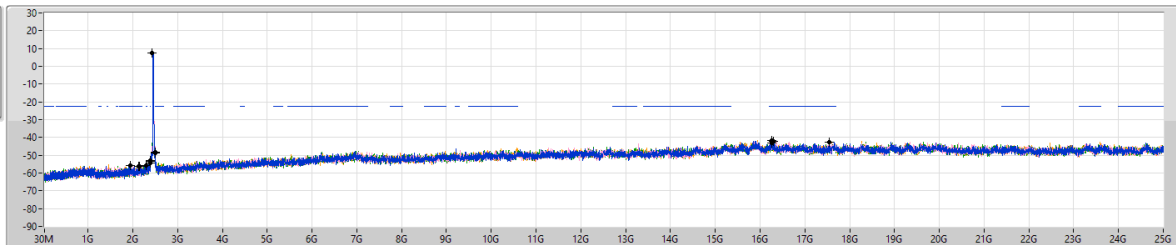
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.49	-22.51	652.11M	-55.88	2.39944G	-50.70	2.4G	-50.35	2.50318G	-53.16	17.61366G	-41.70	1
2.43073G	7.49	-22.51	2.30408G	-56.39	2.39968G	-48.36	2.4G	-49.47	2.50862G	-53.51	16.26226G	-41.77	2
2.43073G	7.49	-22.51	883.95M	-56.06	2.39864G	-49.64	2.4G	-50.39	2.50134G	-52.36	17.61366G	-42.87	3
2.43073G	7.49	-22.51	1.99303G	-55.43	2.39928G	-49.75	2.4G	-51.86	2.5011G	-52.06	16.26226G	-42.43	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

CSEndB

2462MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

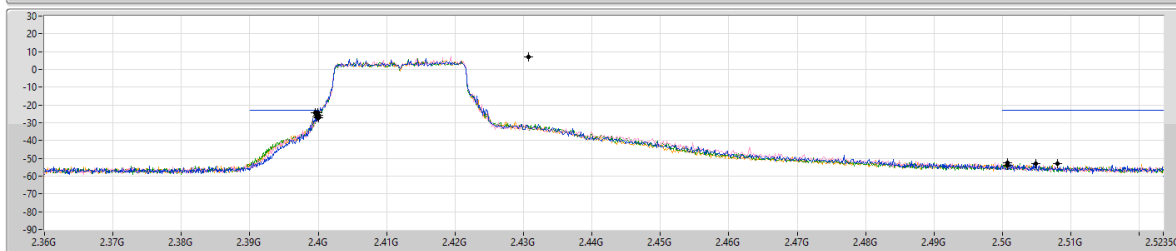
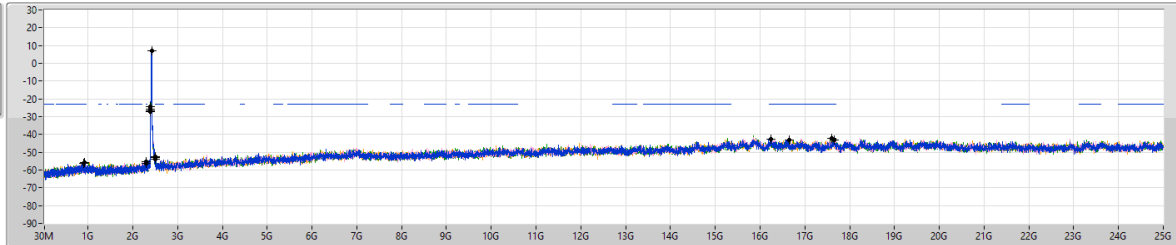
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.49	-22.51	1.93594G	-55.78	2.39744G	-52.97	2.4G	-54.59	2.50046G	-48.72	17.54061G	-42.74	1
2.43073G	7.49	-22.51	2.12817G	-56.10	2.3992G	-52.86	2.4G	-54.49	2.50198G	-48.26	16.30159G	-42.01	2
2.43073G	7.49	-22.51	2.30641G	-55.95	2.3996G	-52.88	2.4G	-54.20	2.50198G	-48.82	16.25945G	-43.05	3
2.43073G	7.49	-22.51	2.14564G	-56.13	2.39864G	-52.95	2.4G	-53.21	2.50006G	-48.27	16.25664G	-41.90	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2412MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

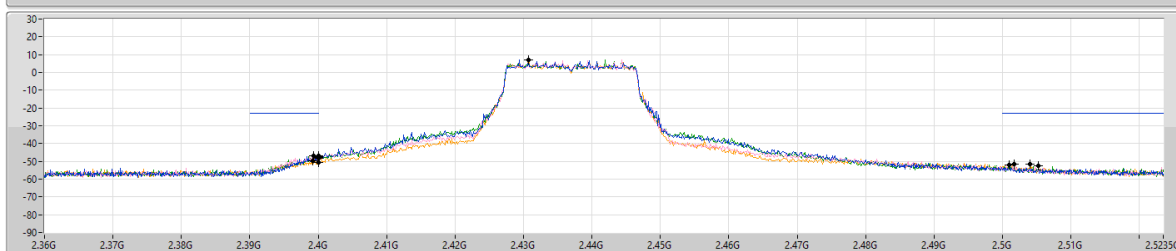
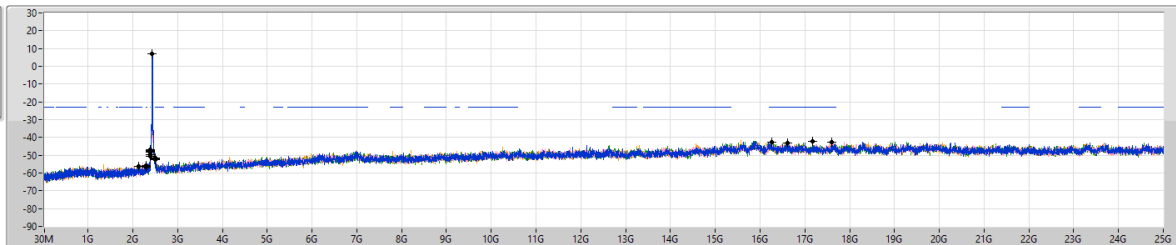
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.06	-22.94	2.30059G	-55.17	2.3996G	-24.27	2.4G	-26.98	2.50486G	-53.17	17.66142G	-43.28	1
2.43073G	7.06	-22.94	906.08M	-56.36	2.39976G	-26.85	2.4G	-25.79	2.50078G	-53.72	16.25102G	-42.54	2
2.43073G	7.06	-22.94	927.05M	-55.85	2.39992G	-24.52	2.4G	-25.72	2.50806G	-53.12	17.60342G	-42.02	3
2.43073G	7.06	-22.94	2.30292G	-56.02	2.39992G	-25.75	2.4G	-25.73	2.5007G	-52.30	16.65596G	-42.98	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2437MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

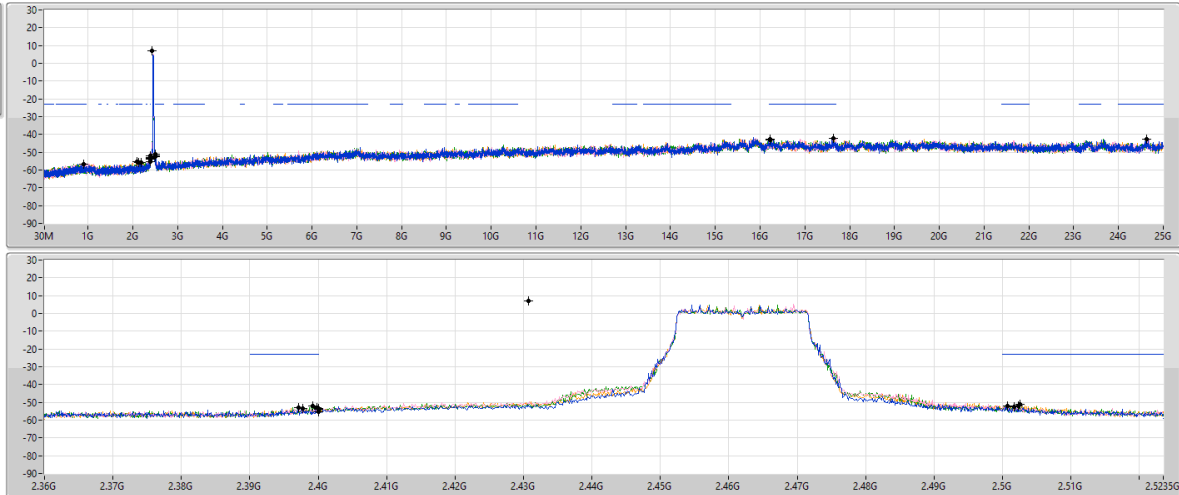
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.06	-22.94	2.12467G	-56.27	2.39928G	-46.85	2.4G	-48.07	2.50526G	-52.67	16.60784G	-43.10	1
2.43073G	7.06	-22.94	2.30525G	-56.65	2.39936G	-46.81	2.4G	-47.95	2.50166G	-51.57	16.26788G	-42.85	2
2.43073G	7.06	-22.94	2.30641G	-55.60	2.4G	-46.85	2.4G	-47.34	2.50094G	-52.16	17.16975G	-42.37	3
2.43073G	7.06	-22.94	2.30292G	-56.05	2.3992G	-49.30	2.4G	-50.51	2.50406G	-51.40	17.60242G	-42.62	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

CSEndB

2462MHz

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



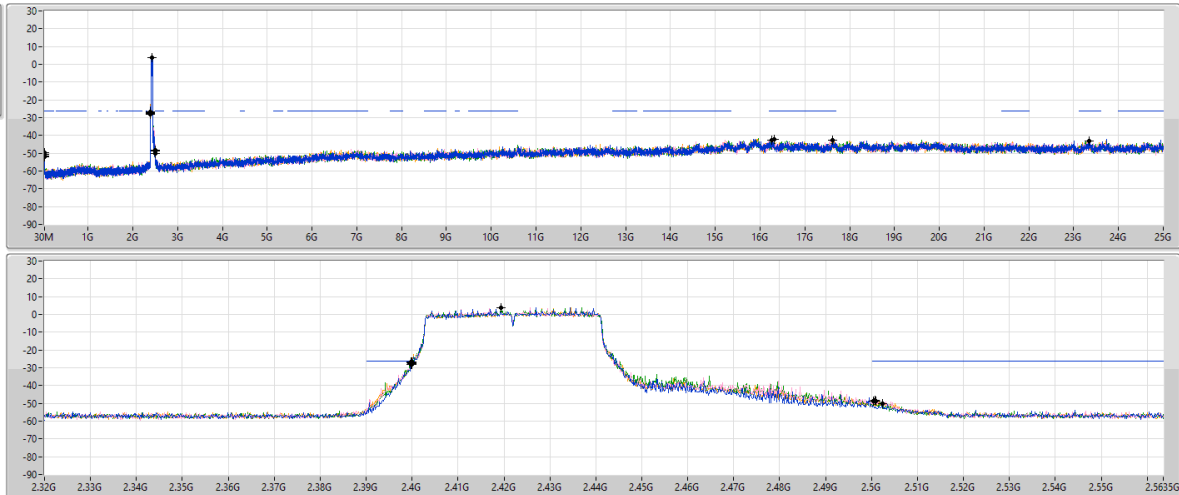
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	7.06	-22.94	2.19457G	-55.88	2.39776G	-53.60	2.4G	-55.43	2.50166G	-52.42	24.62071G	-42.83	1
2.43073G	7.06	-22.94	2.09788G	-55.49	2.39712G	-52.99	2.4G	-53.90	2.5007G	-51.98	16.22012G	-42.60	2
2.43073G	7.06	-22.94	895.6M	-56.65	2.3992G	-52.18	2.4G	-53.30	2.5023G	-52.07	17.64176G	-42.03	3
2.43073G	7.06	-22.94	2.12351G	-55.95	2.39984G	-52.92	2.4G	-55.46	2.50254G	-51.16	16.23136G	-42.90	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2422MHz

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



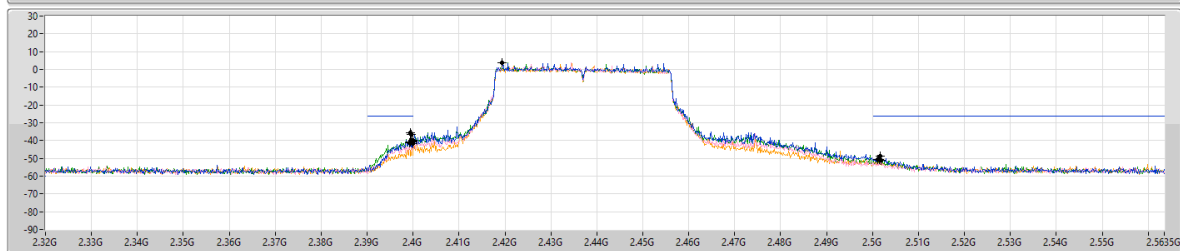
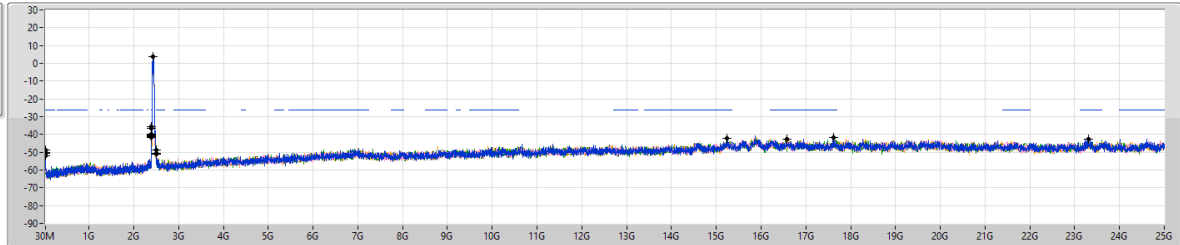
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41937G	3.93	-26.07	30M	-50.64	2.39984G	-28.33	2.4G	-27.99	2.50238G	-49.93	17.61278G	-42.54	1
2.41937G	3.93	-26.07	30M	-49.87	2.39984G	-27.06	2.4G	-27.25	2.50046G	-48.52	16.31988G	-42.35	2
2.41937G	3.93	-26.07	30M	-52.02	2.4G	-26.94	2.4G	-26.95	2.50078G	-48.12	16.26098G	-42.76	3
2.41937G	3.93	-26.07	31.13M	-51.39	2.39984G	-26.74	2.4G	-27.51	2.50094G	-48.98	23.3425G	-43.16	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2437MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

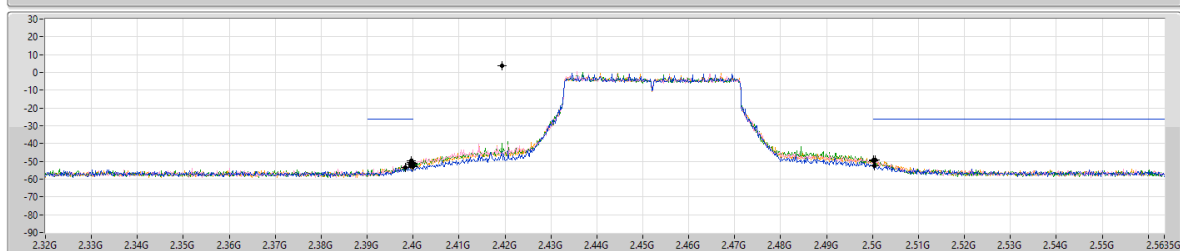
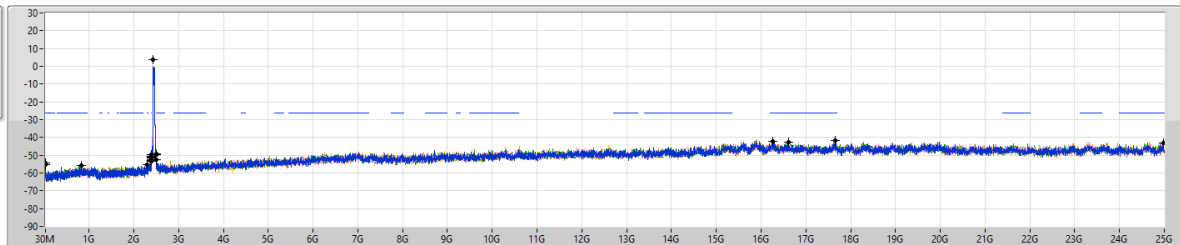
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41937G	3.93	-26.07	30M	-50.19	2.39936G	-35.64	2.4G	-39.98	2.50174G	-48.58	17.62881G	-41.79	1
2.41937G	3.93	-26.07	30M	-52.13	2.39936G	-40.94	2.4G	-40.46	2.5019G	-51.20	16.58351G	-42.79	2
2.41937G	3.93	-26.07	32.29M	-48.88	2.39968G	-36.66	2.4G	-40.92	2.50142G	-50.82	15.24012G	-42.42	3
2.41937G	3.93	-26.07	30M	-50.57	2.3992G	-41.40	2.4G	-41.95	2.5011G	-50.66	23.31446G	-42.57	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

CSEndB

2452MHz

17/01/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3
Port 4

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
2.41937G	3.93	-26.07	2.30168G	-55.51	2.3984G	-53.29	2.4G	-52.80	2.50046G	-52.32	16.2694G	-42.08	1
2.41937G	3.93	-26.07	30M	-55.43	2.39952G	-50.68	2.4G	-52.45	2.50014G	-49.91	17.65766G	-41.72	2
2.41937G	3.93	-26.07	31.15M	-54.25	2.39936G	-51.64	2.4G	-51.72	2.50014G	-49.42	24.98598G	-42.96	3
2.41937G	3.93	-26.07	822.34M	-55.99	2.39952G	-49.46	2.4G	-51.09	2.50062G	-49.29	16.62277G	-42.74	4



Summary

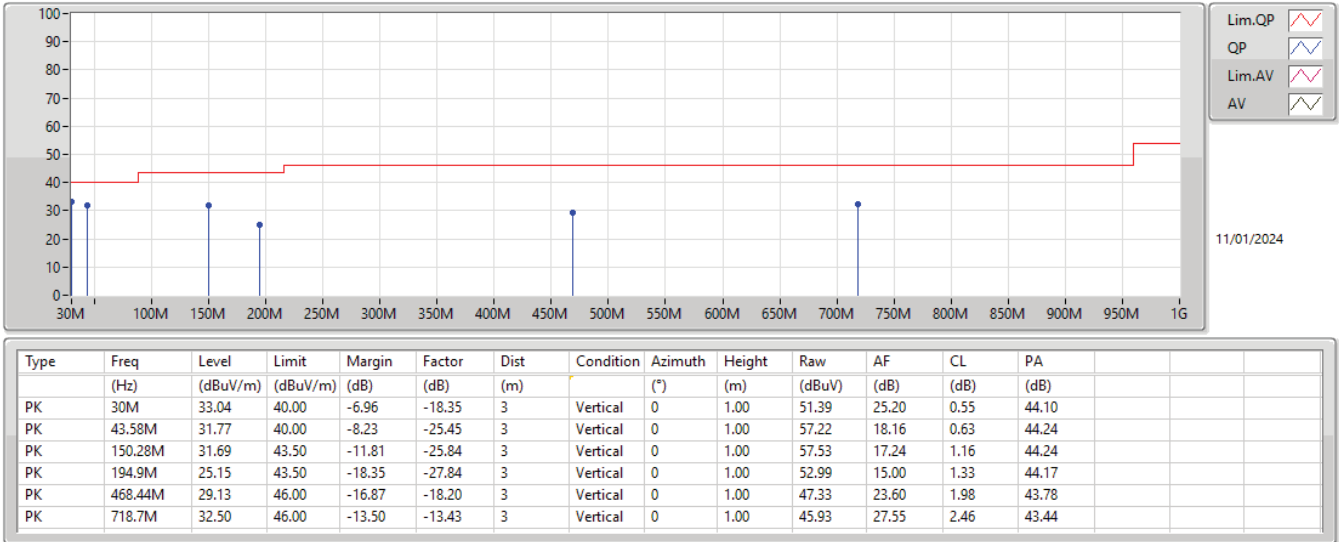
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	47.46M	35.99	40.00	-4.01	3	Vertical	360	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	33.04	40.00	-6.96	3	Vertical	0	1.00
2437MHz	Pass	PK	43.58M	31.77	40.00	-8.23	3	Vertical	0	1.00
2437MHz	Pass	PK	150.28M	31.69	43.50	-11.81	3	Vertical	0	1.00
2437MHz	Pass	PK	194.9M	25.15	43.50	-18.35	3	Vertical	0	1.00
2437MHz	Pass	PK	468.44M	29.13	46.00	-16.87	3	Vertical	0	1.00
2437MHz	Pass	PK	718.7M	32.50	46.00	-13.50	3	Vertical	0	1.00
2437MHz	Pass	PK	30M	23.12	40.00	-16.88	3	Horizontal	360	1.00
2437MHz	Pass	PK	109.54M	23.57	43.50	-19.93	3	Horizontal	360	1.00
2437MHz	Pass	PK	150.28M	31.71	43.50	-11.79	3	Horizontal	360	1.00
2437MHz	Pass	PK	194.9M	28.52	43.50	-14.98	3	Horizontal	360	1.00
2437MHz	Pass	PK	274.44M	23.99	46.00	-22.01	3	Horizontal	360	1.00
2437MHz	Pass	PK	470.38M	26.96	46.00	-19.04	3	Horizontal	360	1.00
2437MHz	Pass	PK	47.46M	35.99	40.00	-4.01	3	Vertical	360	1.00
2437MHz	Pass	PK	99.84M	29.54	43.50	-13.96	3	Vertical	360	1.00
2437MHz	Pass	PK	150.28M	28.67	43.50	-14.83	3	Vertical	360	1.00
2437MHz	Pass	PK	268.62M	27.10	46.00	-18.90	3	Vertical	360	1.00
2437MHz	Pass	PK	643.04M	27.20	46.00	-18.80	3	Vertical	360	1.00
2437MHz	Pass	PK	854.5M	27.77	46.00	-18.23	3	Vertical	360	1.00
2437MHz	Pass	PK	111.48M	26.81	43.50	-16.69	3	Horizontal	0	1.00
2437MHz	Pass	PK	167.74M	26.39	43.50	-17.11	3	Horizontal	0	1.00
2437MHz	Pass	PK	268.62M	26.07	46.00	-19.93	3	Horizontal	0	1.00
2437MHz	Pass	PK	361.74M	24.16	46.00	-21.84	3	Horizontal	0	1.00
2437MHz	Pass	PK	854.5M	28.21	46.00	-17.79	3	Horizontal	0	1.00
2437MHz	Pass	PK	951.5M	31.31	46.00	-14.69	3	Horizontal	0	1.00

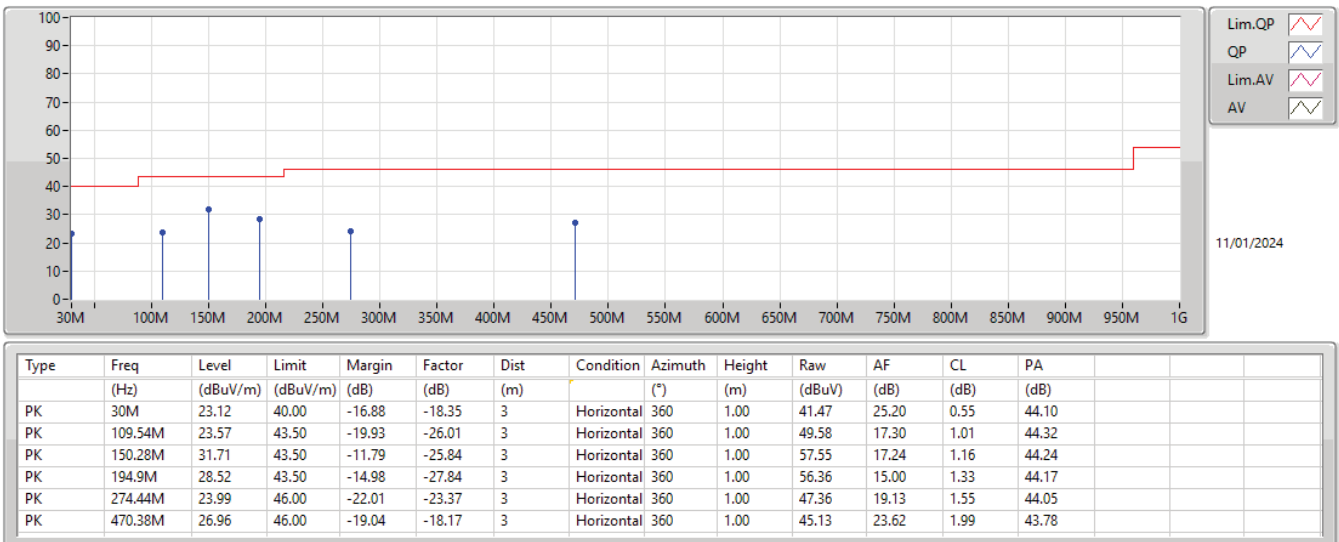
2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_Adapter



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

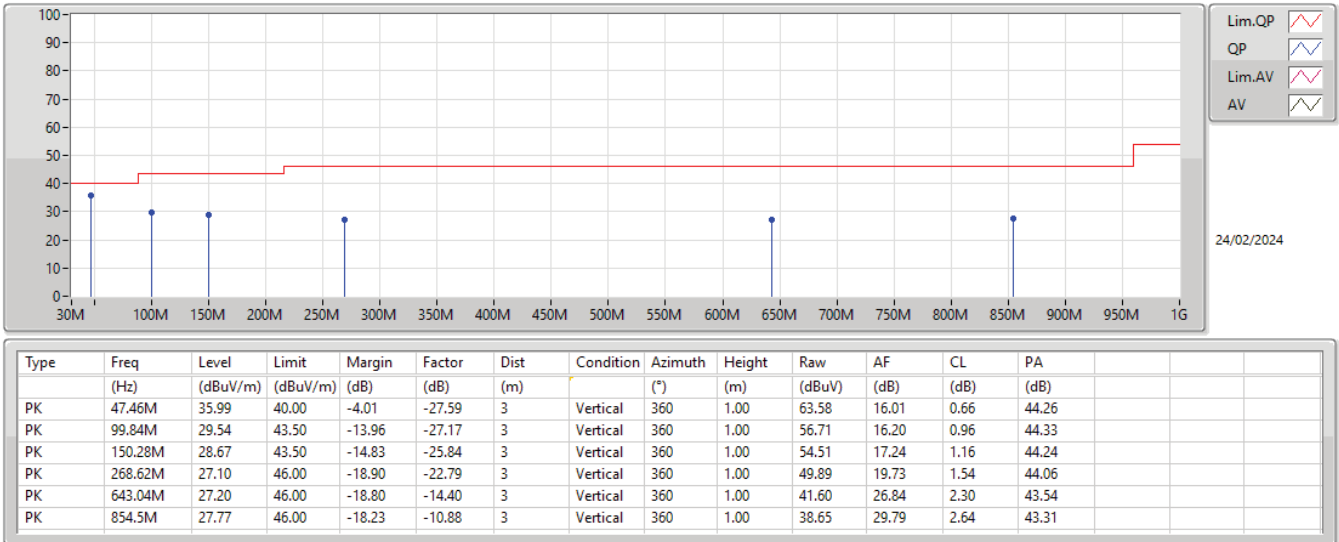
2437MHz_Adapter





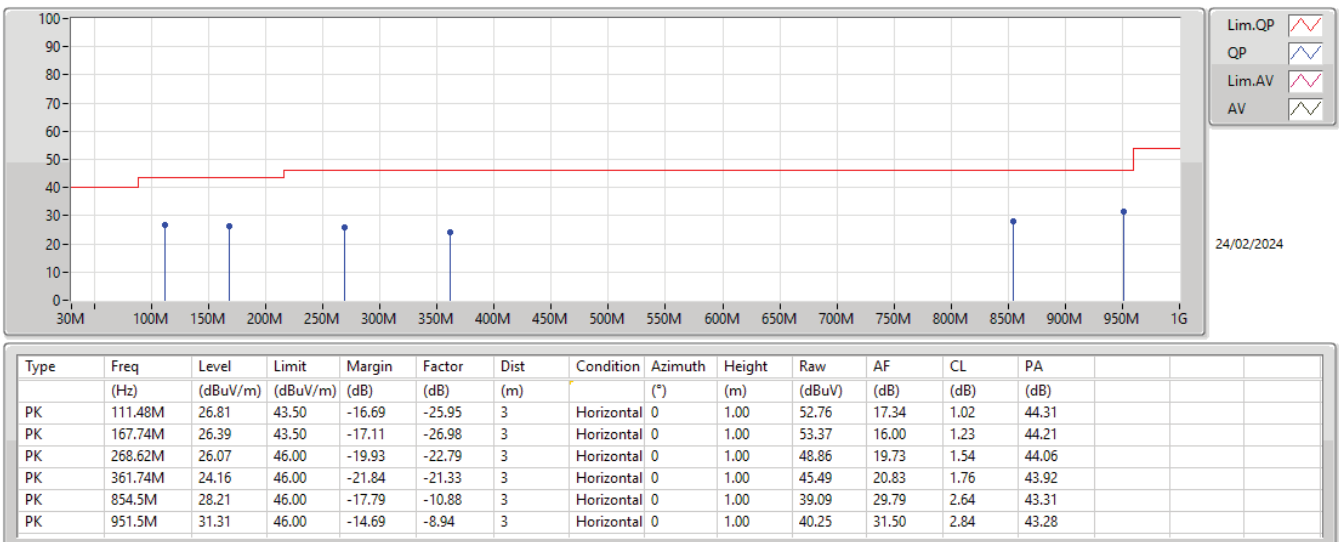
2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_PoE



2.4-2.4835GHz_802.11ax HEW40_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	2.487G	46.14	54.00	-7.86	3	Vertical	157	1.53
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4842G	50.81	54.00	-3.19	3	Horizontal	63	1.49
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4862G	49.51	54.00	-4.49	3	Horizontal	64	1.65
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	2.4844G	73.71	74.00	-0.29	3	Horizontal	63	1.00



RSE TX above 1GHz_Non-Beamforming_Radio 0

Appendix F.2

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	2.3894G	43.87	54.00	-10.13	3	Vertical	14	1.11
2412MHz	Pass	AV	2.4128G	99.85	Inf	-Inf	3	Vertical	14	1.11
2412MHz	Pass	PK	2.3726G	58.05	74.00	-15.95	3	Vertical	14	1.11
2412MHz	Pass	PK	2.4128G	102.44	Inf	-Inf	3	Vertical	14	1.11
2412MHz	Pass	AV	2.387G	43.84	54.00	-10.16	3	Horizontal	37	1.29
2412MHz	Pass	AV	2.4128G	107.64	Inf	-Inf	3	Horizontal	37	1.29
2412MHz	Pass	PK	2.3746G	57.99	74.00	-16.01	3	Horizontal	37	1.29
2412MHz	Pass	PK	2.4112G	110.28	Inf	-Inf	3	Horizontal	37	1.29
2412MHz	Pass	AV	4.81212G	29.40	54.00	-24.60	3	Vertical	235	2.46
2412MHz	Pass	PK	4.82394G	43.28	74.00	-30.72	3	Vertical	235	2.46
2412MHz	Pass	AV	4.81086G	29.51	54.00	-24.49	3	Horizontal	123	1.50
2412MHz	Pass	PK	4.8102G	43.93	74.00	-30.07	3	Horizontal	123	1.50
2437MHz	Pass	AV	2.3754G	45.38	54.00	-8.62	3	Vertical	157	1.53
2437MHz	Pass	AV	2.4362G	102.09	Inf	-Inf	3	Vertical	157	1.53
2437MHz	Pass	AV	2.487G	46.14	54.00	-7.86	3	Vertical	157	1.53
2437MHz	Pass	PK	2.3422G	58.16	74.00	-15.84	3	Vertical	157	1.53
2437MHz	Pass	PK	2.4362G	104.54	Inf	-Inf	3	Vertical	157	1.53
2437MHz	Pass	PK	2.4978G	58.45	74.00	-15.55	3	Vertical	157	1.53
2437MHz	Pass	AV	2.3878G	45.33	54.00	-8.67	3	Horizontal	38	1.27
2437MHz	Pass	AV	2.4362G	107.75	Inf	-Inf	3	Horizontal	38	1.27
2437MHz	Pass	AV	2.4978G	46.06	54.00	-7.94	3	Horizontal	38	1.27
2437MHz	Pass	PK	2.3594G	57.81	74.00	-16.19	3	Horizontal	38	1.27
2437MHz	Pass	PK	2.4362G	110.17	Inf	-Inf	3	Horizontal	38	1.27
2437MHz	Pass	PK	2.493G	57.72	74.00	-16.28	3	Horizontal	38	1.27
2437MHz	Pass	AV	4.86404G	31.28	54.00	-22.72	3	Vertical	208	1.50
2437MHz	Pass	PK	4.8809G	43.52	74.00	-30.48	3	Vertical	208	1.50
2437MHz	Pass	AV	4.86128G	31.27	54.00	-22.73	3	Horizontal	229	1.55
2437MHz	Pass	PK	4.86512G	43.91	74.00	-30.09	3	Horizontal	229	1.55
2462MHz	Pass	AV	2.4628G	101.66	Inf	-Inf	3	Vertical	160	1.70
2462MHz	Pass	AV	2.4946G	46.12	54.00	-7.88	3	Vertical	160	1.70
2462MHz	Pass	PK	2.4612G	104.03	Inf	-Inf	3	Vertical	160	1.70
2462MHz	Pass	PK	2.4936G	58.30	74.00	-15.70	3	Vertical	160	1.70
2462MHz	Pass	AV	2.4608G	108.01	Inf	-Inf	3	Horizontal	42	1.08
2462MHz	Pass	AV	2.4862G	45.98	54.00	-8.02	3	Horizontal	42	1.08
2462MHz	Pass	PK	2.461G	110.41	Inf	-Inf	3	Horizontal	42	1.08
2462MHz	Pass	PK	2.487G	58.42	74.00	-15.58	3	Horizontal	42	1.08
2462MHz	Pass	AV	4.9117G	31.53	54.00	-22.47	3	Vertical	15	2.56
2462MHz	Pass	PK	4.92364G	44.66	74.00	-29.34	3	Vertical	15	2.56
2462MHz	Pass	AV	4.91404G	31.46	54.00	-22.54	3	Horizontal	100	1.15
2462MHz	Pass	PK	4.91668G	43.83	74.00	-30.17	3	Horizontal	100	1.15
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	45.09	54.00	-8.91	3	Vertical	129	1.50
2412MHz	Pass	AV	2.4152G	95.00	Inf	-Inf	3	Vertical	129	1.50
2412MHz	Pass	PK	2.3802G	57.91	74.00	-16.09	3	Vertical	129	1.50
2412MHz	Pass	PK	2.4152G	104.89	Inf	-Inf	3	Vertical	129	1.50
2412MHz	Pass	AV	2.39G	47.67	54.00	-6.33	3	Horizontal	70	1.50
2412MHz	Pass	AV	2.414G	103.52	Inf	-Inf	3	Horizontal	70	1.50
2412MHz	Pass	PK	2.39G	61.69	74.00	-12.31	3	Horizontal	70	1.50
2412MHz	Pass	PK	2.4142G	112.96	Inf	-Inf	3	Horizontal	70	1.50
2412MHz	Pass	AV	4.80984G	30.43	54.00	-23.57	3	Vertical	201	2.32
2412MHz	Pass	PK	4.8189G	44.34	74.00	-29.66	3	Vertical	201	2.32
2412MHz	Pass	AV	4.82316G	30.08	54.00	-23.92	3	Horizontal	35	1.00
2412MHz	Pass	PK	4.812G	43.76	74.00	-30.24	3	Horizontal	35	1.00
2437MHz	Pass	AV	2.345G	44.71	54.00	-9.29	3	Vertical	158	1.53
2437MHz	Pass	AV	2.4318G	96.37	Inf	-Inf	3	Vertical	158	1.53
2437MHz	Pass	AV	2.4842G	45.15	54.00	-8.85	3	Vertical	158	1.53
2437MHz	Pass	PK	2.3622G	58.28	74.00	-15.72	3	Vertical	158	1.53
2437MHz	Pass	PK	2.4318G	105.51	Inf	-Inf	3	Vertical	158	1.53
2437MHz	Pass	PK	2.4878G	58.41	74.00	-15.59	3	Vertical	158	1.53
2437MHz	Pass	AV	2.3378G	44.54	54.00	-9.46	3	Horizontal	64	1.00



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)
2437MHz	Pass	AV	2.4382G	104.48	Inf	-Inf	3	Horizontal	64	1.00
2437MHz	Pass	AV	2.4858G	45.25	54.00	-8.75	3	Horizontal	64	1.00
2437MHz	Pass	PK	2.3806G	58.11	74.00	-15.89	3	Horizontal	64	1.00
2437MHz	Pass	PK	2.4334G	114.09	Inf	-Inf	3	Horizontal	64	1.00
2437MHz	Pass	PK	2.4862G	58.64	74.00	-15.36	3	Horizontal	64	1.00
2437MHz	Pass	AV	4.877G	30.22	54.00	-23.78	3	Vertical	278	1.76
2437MHz	Pass	PK	4.86908G	44.07	74.00	-29.93	3	Vertical	278	1.76
2437MHz	Pass	AV	4.86056G	30.45	54.00	-23.55	3	Horizontal	132	1.50
2437MHz	Pass	PK	4.86536G	43.33	74.00	-30.67	3	Horizontal	132	1.50
2462MHz	Pass	AV	2.4596G	97.85	Inf	-Inf	3	Vertical	40	1.14
2462MHz	Pass	AV	2.485G	46.75	54.00	-7.25	3	Vertical	40	1.14
2462MHz	Pass	PK	2.4596G	108.11	Inf	-Inf	3	Vertical	40	1.14
2462MHz	Pass	PK	2.4866G	60.66	74.00	-13.34	3	Vertical	40	1.14
2462MHz	Pass	AV	2.4588G	103.63	Inf	-Inf	3	Horizontal	63	1.49
2462MHz	Pass	AV	2.4842G	50.81	54.00	-3.19	3	Horizontal	63	1.49
2462MHz	Pass	PK	2.4596G	113.87	Inf	-Inf	3	Horizontal	63	1.49
2462MHz	Pass	PK	2.484G	64.75	74.00	-9.25	3	Horizontal	63	1.49
2462MHz	Pass	AV	4.90906G	30.57	54.00	-23.43	3	Vertical	77	1.50
2462MHz	Pass	PK	4.92568G	43.95	74.00	-30.05	3	Vertical	77	1.50
2462MHz	Pass	AV	4.91152G	30.50	54.00	-23.50	3	Horizontal	206	2.91
2462MHz	Pass	PK	4.93492G	43.49	74.00	-30.51	3	Horizontal	206	2.91
802.11ax HEW20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	45.87	54.00	-8.13	3	Vertical	131	1.50
2412MHz	Pass	AV	2.4178G	94.52	Inf	-Inf	3	Vertical	131	1.50
2412MHz	Pass	PK	2.3892G	59.71	74.00	-14.29	3	Vertical	131	1.50
2412MHz	Pass	PK	2.4176G	108.23	Inf	-Inf	3	Vertical	131	1.50
2412MHz	Pass	AV	2.39G	48.20	54.00	-5.80	3	Horizontal	72	1.50
2412MHz	Pass	AV	2.4162G	103.71	Inf	-Inf	3	Horizontal	72	1.50
2412MHz	Pass	PK	2.3898G	63.63	74.00	-10.37	3	Horizontal	72	1.50
2412MHz	Pass	PK	2.4168G	117.32	Inf	-Inf	3	Horizontal	72	1.50
2412MHz	Pass	AV	4.81008G	29.66	54.00	-24.34	3	Vertical	201	3.00
2412MHz	Pass	PK	4.81188G	43.63	74.00	-30.37	3	Vertical	201	3.00
2412MHz	Pass	AV	4.81068G	29.70	54.00	-24.30	3	Horizontal	287	1.50
2412MHz	Pass	PK	4.81884G	43.14	74.00	-30.86	3	Horizontal	287	1.50
2437MHz	Pass	AV	2.3898G	44.05	54.00	-9.95	3	Vertical	159	1.54
2437MHz	Pass	AV	2.4362G	96.31	Inf	-Inf	3	Vertical	159	1.54
2437MHz	Pass	AV	2.4978G	44.61	54.00	-9.39	3	Vertical	159	1.54
2437MHz	Pass	PK	2.3486G	58.12	74.00	-15.88	3	Vertical	159	1.54
2437MHz	Pass	PK	2.4362G	109.56	Inf	-Inf	3	Vertical	159	1.54
2437MHz	Pass	PK	2.485G	58.01	74.00	-15.99	3	Vertical	159	1.54
2437MHz	Pass	AV	2.3822G	44.08	54.00	-9.92	3	Horizontal	64	1.00
2437MHz	Pass	AV	2.4394G	104.12	Inf	-Inf	3	Horizontal	64	1.00
2437MHz	Pass	AV	2.4994G	44.77	54.00	-9.23	3	Horizontal	64	1.00
2437MHz	Pass	PK	2.3434G	58.41	74.00	-15.59	3	Horizontal	64	1.00
2437MHz	Pass	PK	2.4386G	118.01	Inf	-Inf	3	Horizontal	64	1.00
2437MHz	Pass	PK	2.4974G	58.49	74.00	-15.51	3	Horizontal	64	1.00
2437MHz	Pass	AV	4.86542G	29.75	54.00	-24.25	3	Vertical	350	2.17
2437MHz	Pass	PK	4.87052G	43.36	74.00	-30.64	3	Vertical	350	2.17
2437MHz	Pass	AV	4.86656G	29.73	54.00	-24.27	3	Horizontal	251	1.50
2437MHz	Pass	PK	4.88684G	43.95	74.00	-30.05	3	Horizontal	251	1.50
2462MHz	Pass	AV	2.4574G	97.47	Inf	-Inf	3	Vertical	40	1.13
2462MHz	Pass	AV	2.4876G	46.19	54.00	-7.81	3	Vertical	40	1.13
2462MHz	Pass	PK	2.457G	111.05	Inf	-Inf	3	Vertical	40	1.13
2462MHz	Pass	PK	2.4884G	60.45	74.00	-13.55	3	Vertical	40	1.13
2462MHz	Pass	AV	2.4566G	103.59	Inf	-Inf	3	Horizontal	64	1.65
2462MHz	Pass	AV	2.4862G	49.51	54.00	-4.49	3	Horizontal	64	1.65
2462MHz	Pass	PK	2.4564G	117.26	Inf	-Inf	3	Horizontal	64	1.65
2462MHz	Pass	PK	2.4872G	67.41	74.00	-6.59	3	Horizontal	64	1.65
2462MHz	Pass	AV	4.9129G	30.01	54.00	-23.99	3	Vertical	82	1.68
2462MHz	Pass	PK	4.9117G	44.69	74.00	-29.31	3	Vertical	82	1.68
2462MHz	Pass	AV	4.91074G	30.08	54.00	-23.92	3	Horizontal	0	2.91
2462MHz	Pass	PK	4.91794G	43.53	74.00	-30.47	3	Horizontal	0	2.91



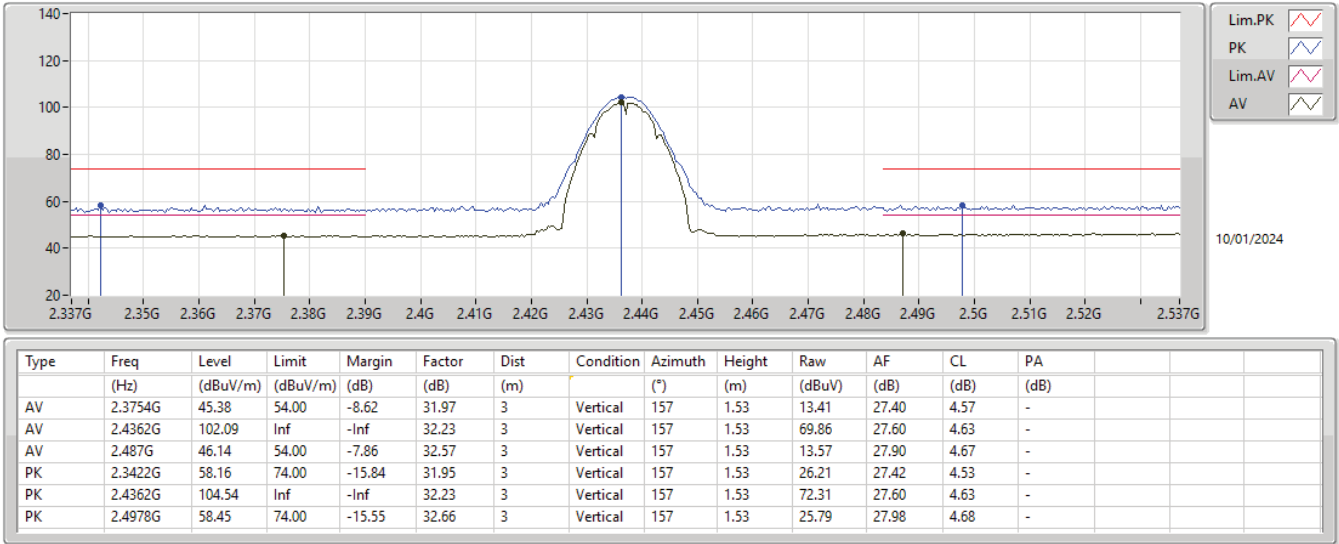
RSE TX above 1GHz_Non-Beamforming_Radio 0

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	44.98	54.00	-9.02	3	Vertical	159	1.52
2422MHz	Pass	AV	2.432G	90.97	Inf	-Inf	3	Vertical	159	1.52
2422MHz	Pass	AV	2.4924G	44.43	54.00	-9.57	3	Vertical	159	1.52
2422MHz	Pass	PK	2.3892G	58.24	74.00	-15.76	3	Vertical	159	1.52
2422MHz	Pass	PK	2.432G	106.45	Inf	-Inf	3	Vertical	159	1.52
2422MHz	Pass	PK	2.4924G	58.38	74.00	-15.62	3	Vertical	159	1.52
2422MHz	Pass	AV	2.3884G	46.43	54.00	-7.57	3	Horizontal	68	1.10
2422MHz	Pass	AV	2.4244G	99.83	Inf	-Inf	3	Horizontal	68	1.10
2422MHz	Pass	AV	2.486G	45.19	54.00	-8.81	3	Horizontal	68	1.10
2422MHz	Pass	PK	2.3896G	67.71	74.00	-6.29	3	Horizontal	68	1.10
2422MHz	Pass	PK	2.4252G	114.09	Inf	-Inf	3	Horizontal	68	1.10
2422MHz	Pass	PK	2.4864G	59.61	74.00	-14.39	3	Horizontal	68	1.10
2422MHz	Pass	AV	4.871G	29.48	54.00	-24.52	3	Vertical	125	1.50
2422MHz	Pass	PK	4.87088G	43.71	74.00	-30.29	3	Vertical	125	1.50
2422MHz	Pass	AV	4.85168G	29.54	54.00	-24.46	3	Horizontal	265	1.50
2422MHz	Pass	PK	4.84616G	43.34	74.00	-30.66	3	Horizontal	265	1.50
2437MHz	Pass	AV	2.3894G	44.00	54.00	-10.00	3	Vertical	161	1.50
2437MHz	Pass	AV	2.4362G	90.91	Inf	-Inf	3	Vertical	161	1.50
2437MHz	Pass	AV	2.4886G	44.56	54.00	-9.44	3	Vertical	161	1.50
2437MHz	Pass	PK	2.369G	59.38	74.00	-14.62	3	Vertical	161	1.50
2437MHz	Pass	PK	2.4354G	104.74	Inf	-Inf	3	Vertical	161	1.50
2437MHz	Pass	PK	2.4978G	58.37	74.00	-15.63	3	Vertical	161	1.50
2437MHz	Pass	AV	2.3898G	45.47	54.00	-8.53	3	Horizontal	66	1.12
2437MHz	Pass	AV	2.4294G	99.72	Inf	-Inf	3	Horizontal	66	1.12
2437MHz	Pass	AV	2.4835G	47.63	54.00	-6.37	3	Horizontal	66	1.12
2437MHz	Pass	PK	2.3898G	60.29	74.00	-13.71	3	Horizontal	66	1.12
2437MHz	Pass	PK	2.4294G	113.82	Inf	-Inf	3	Horizontal	66	1.12
2437MHz	Pass	PK	2.4858G	63.83	74.00	-10.17	3	Horizontal	66	1.12
2437MHz	Pass	AV	4.89944G	29.56	54.00	-24.44	3	Vertical	96	1.50
2437MHz	Pass	PK	4.87832G	44.12	74.00	-29.88	3	Vertical	96	1.50
2437MHz	Pass	AV	4.90196G	29.61	54.00	-24.39	3	Horizontal	360	1.50
2437MHz	Pass	PK	4.8764G	43.52	74.00	-30.48	3	Horizontal	360	1.50
2452MHz	Pass	AV	2.39G	43.84	54.00	-10.16	3	Vertical	160	1.82
2452MHz	Pass	AV	2.4528G	91.18	Inf	-Inf	3	Vertical	160	1.82
2452MHz	Pass	AV	2.484G	46.48	54.00	-7.52	3	Vertical	160	1.82
2452MHz	Pass	PK	2.3752G	58.56	74.00	-15.44	3	Vertical	160	1.82
2452MHz	Pass	PK	2.4528G	105.94	Inf	-Inf	3	Vertical	160	1.82
2452MHz	Pass	PK	2.4844G	63.67	74.00	-10.33	3	Vertical	160	1.82
2452MHz	Pass	AV	2.388G	43.85	54.00	-10.15	3	Horizontal	63	1.00
2452MHz	Pass	AV	2.4444G	98.53	Inf	-Inf	3	Horizontal	63	1.00
2452MHz	Pass	AV	2.484G	52.73	54.00	-1.27	3	Horizontal	63	1.00
2452MHz	Pass	PK	2.3652G	57.79	74.00	-16.21	3	Horizontal	63	1.00
2452MHz	Pass	PK	2.4544G	112.70	Inf	-Inf	3	Horizontal	63	1.00
2452MHz	Pass	PK	2.4844G	73.71	74.00	-0.29	3	Horizontal	63	1.00
2452MHz	Pass	AV	4.92728G	29.68	54.00	-24.32	3	Vertical	135	1.68
2452MHz	Pass	PK	4.9022G	43.82	74.00	-30.18	3	Vertical	135	1.68
2452MHz	Pass	AV	4.91396G	29.69	54.00	-24.31	3	Horizontal	331	2.71
2452MHz	Pass	PK	4.91624G	44.18	74.00	-29.82	3	Horizontal	331	2.71

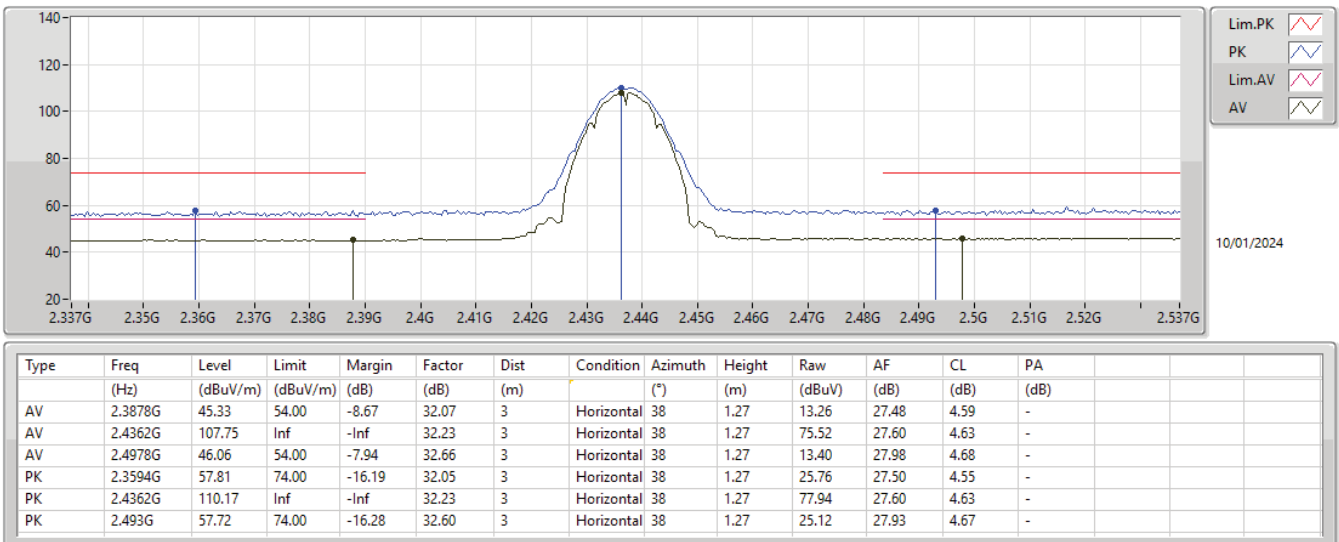
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



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

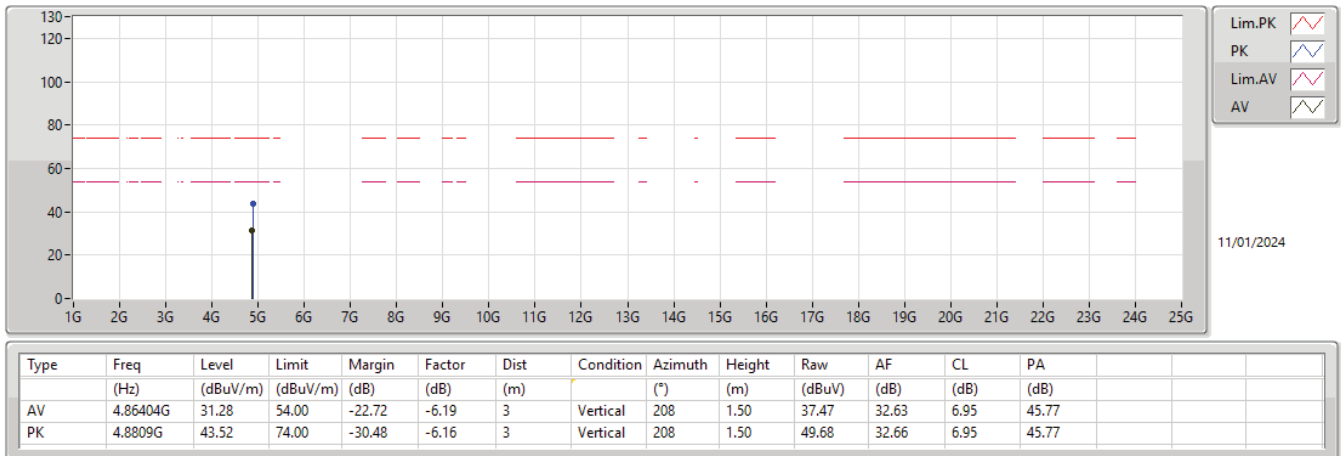
2437MHz_TX





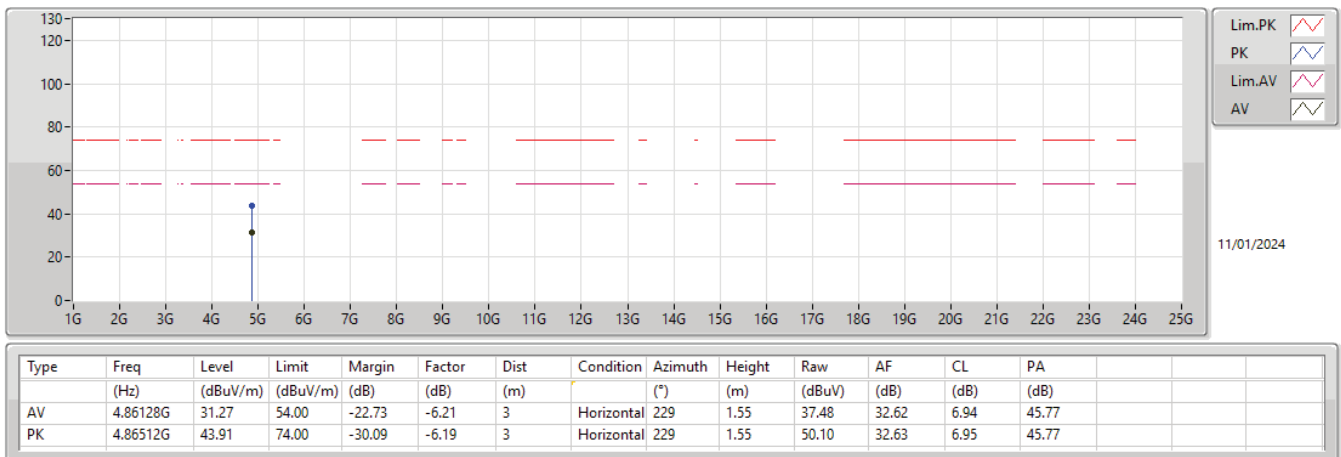
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2437MHz_TX



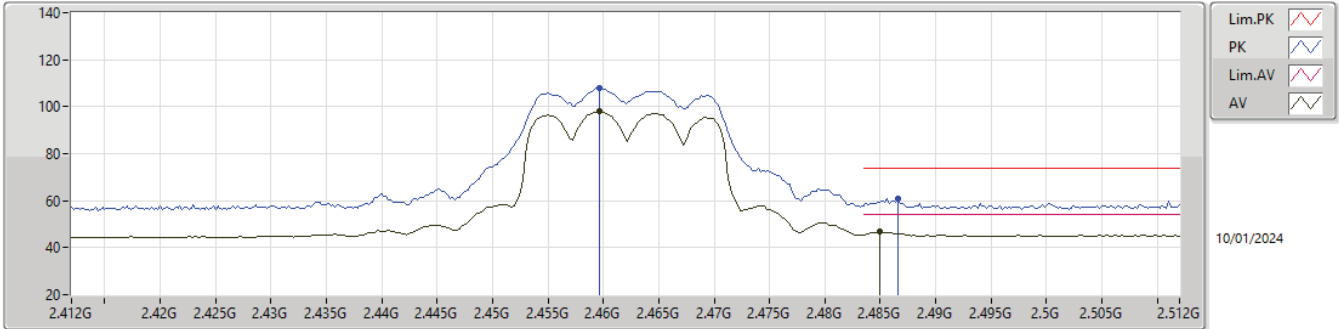
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2437MHz_TX



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

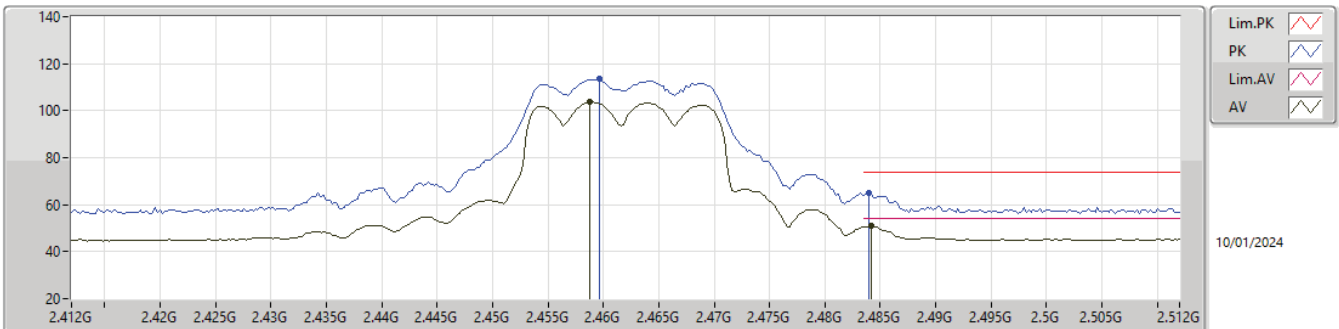
2462MHz_TX



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	2.4596G	97.85	Inf	-Inf	32.35	3	Vertical	40	1.14	65.50	27.70	4.65	-
AV	2.485G	46.75	54.00	-7.25	32.57	3	Vertical	40	1.14	14.18	27.90	4.67	-
PK	2.4596G	108.11	Inf	-Inf	32.35	3	Vertical	40	1.14	75.76	27.70	4.65	-
PK	2.4866G	60.66	74.00	-13.34	32.57	3	Vertical	40	1.14	28.09	27.90	4.67	-

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

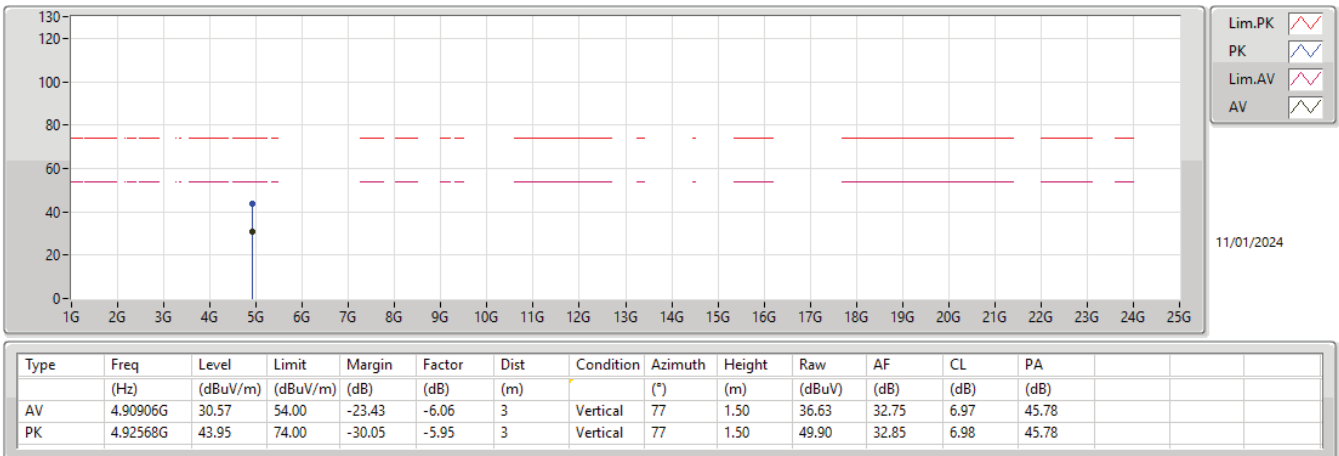
2462MHz_TX



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	2.4588G	103.63	Inf	-Inf	32.35	3	Horizontal	63	1.49	71.28	27.70	4.65	-
AV	2.4842G	50.81	54.00	-3.19	32.57	3	Horizontal	63	1.49	18.24	27.90	4.67	-
PK	2.4596G	113.87	Inf	-Inf	32.35	3	Horizontal	63	1.49	81.52	27.70	4.65	-
PK	2.484G	64.75	74.00	-9.25	32.57	3	Horizontal	63	1.49	32.18	27.90	4.67	-

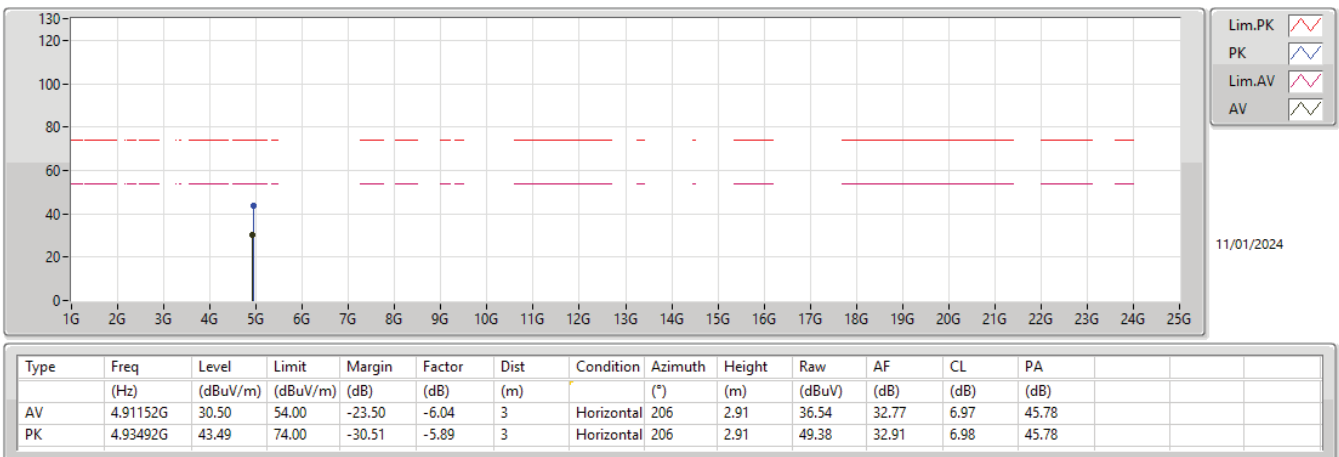
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2462MHz_TX



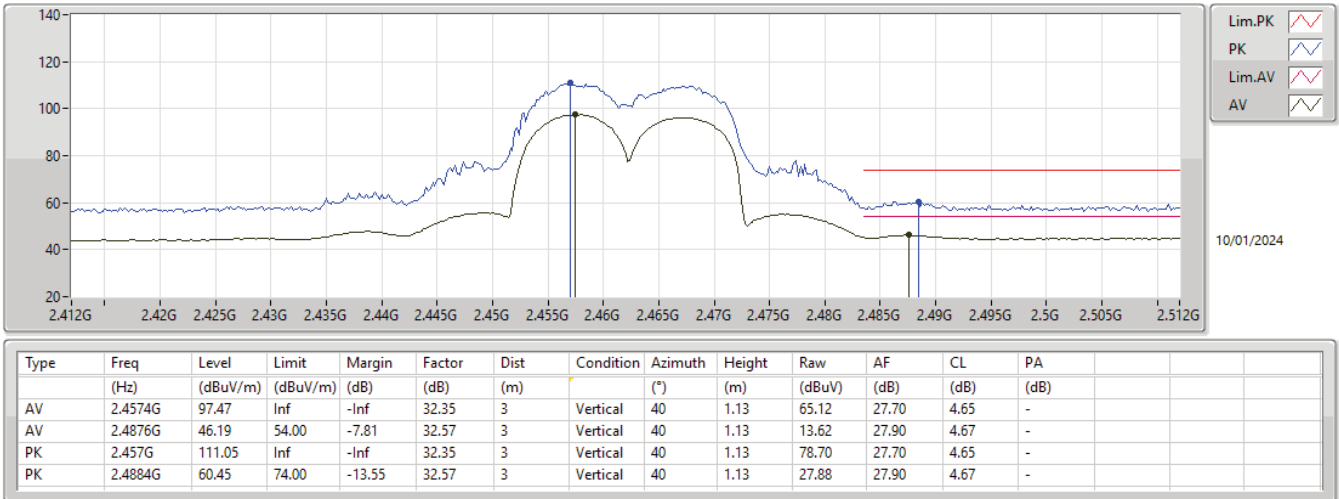
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2462MHz_TX



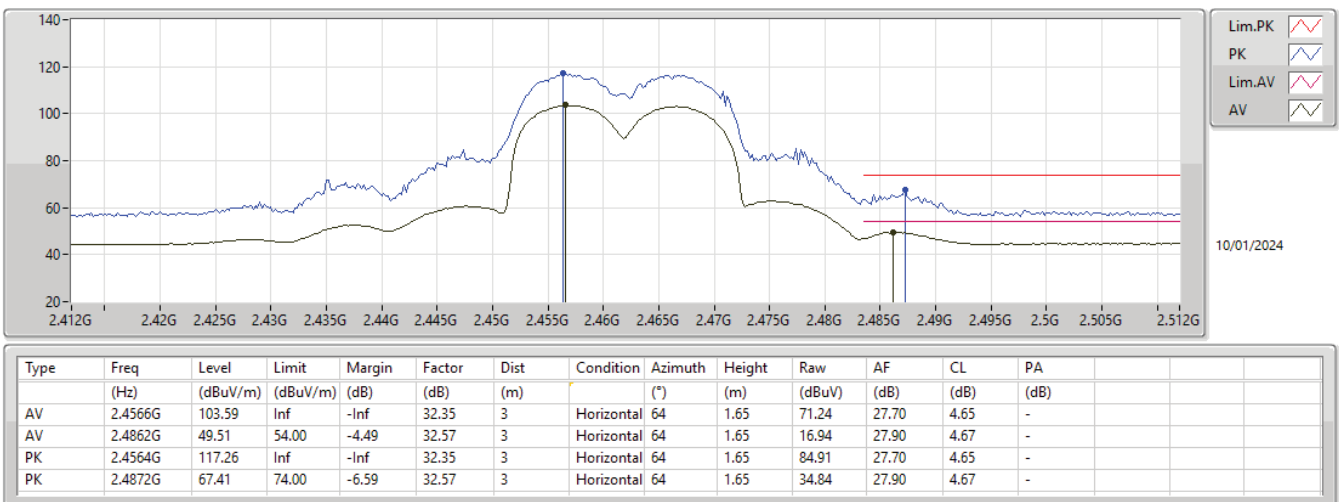
2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

2462MHz_TX



2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

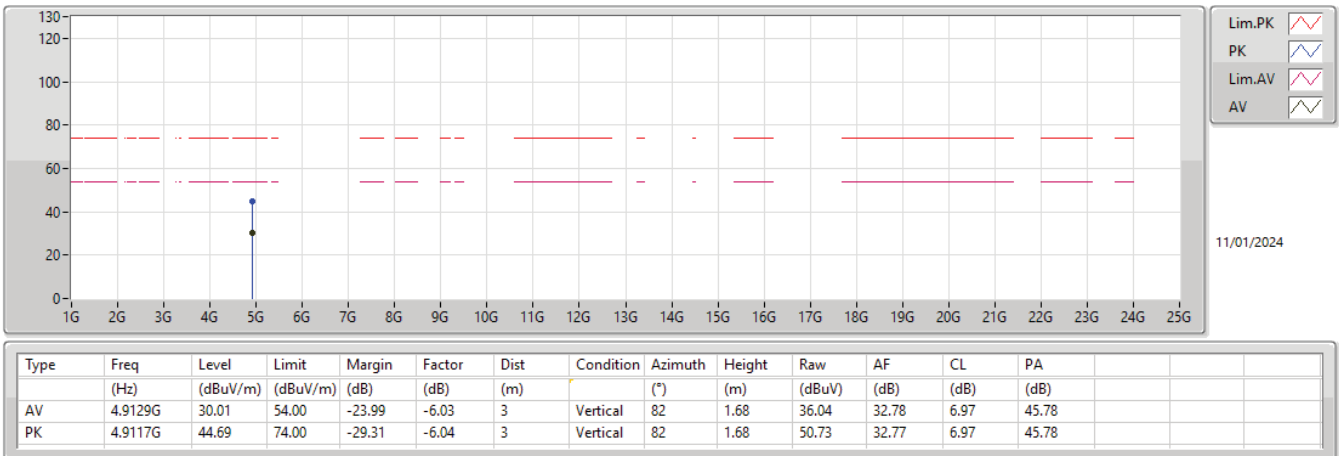
2462MHz_TX





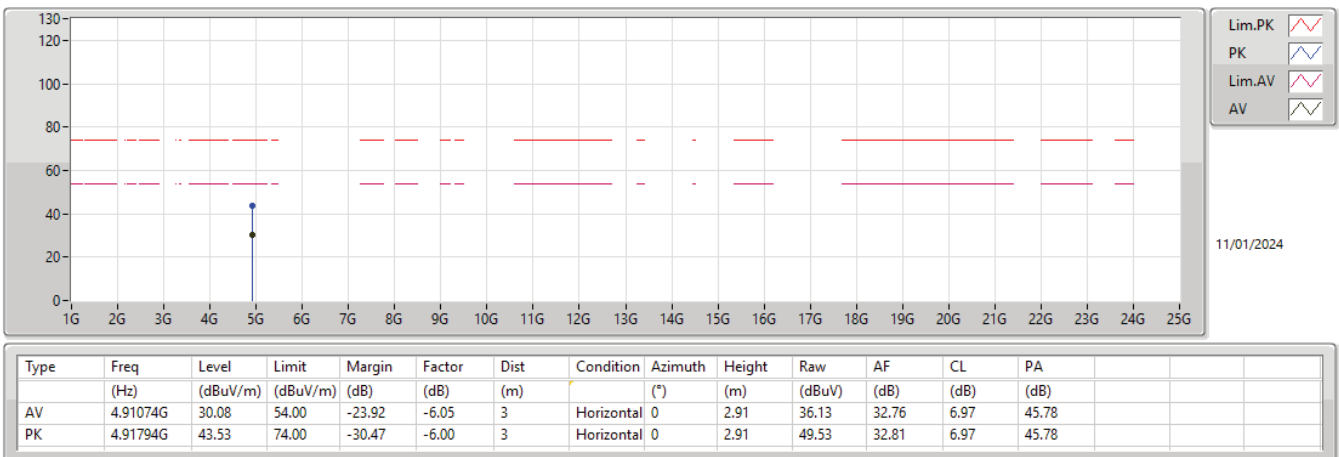
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2462MHz_TX



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

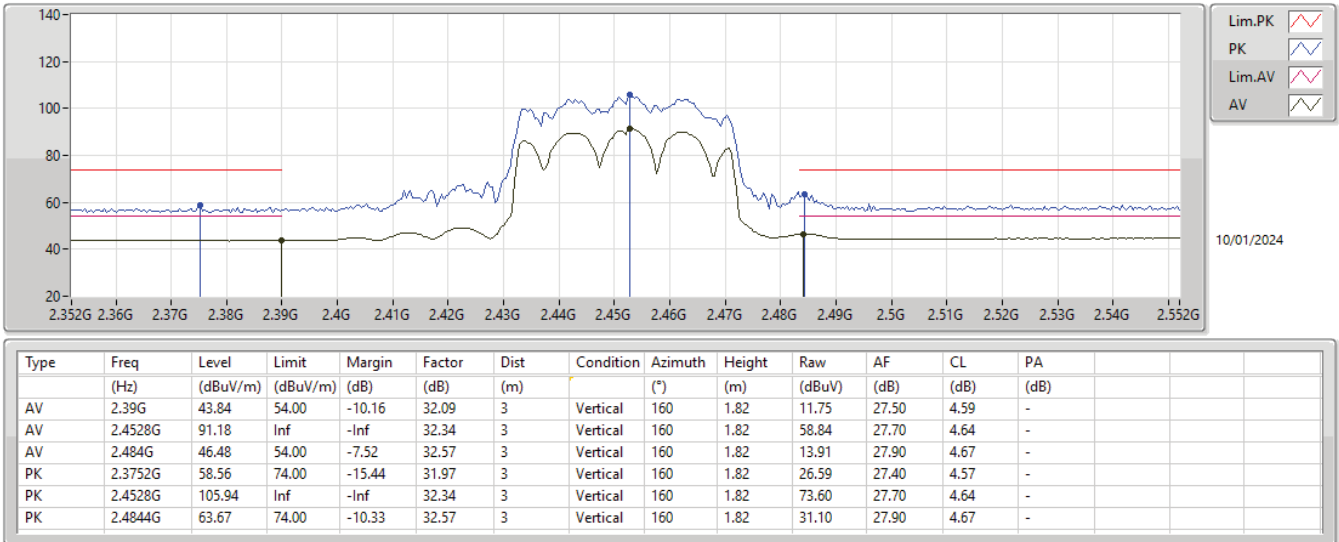
2462MHz_TX





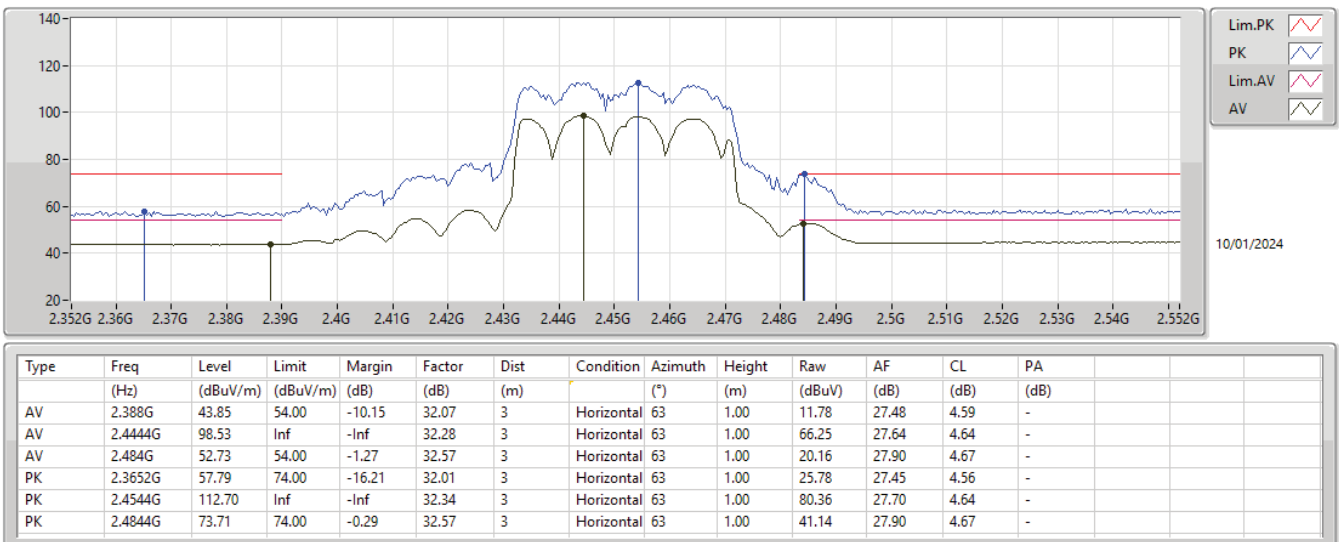
2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

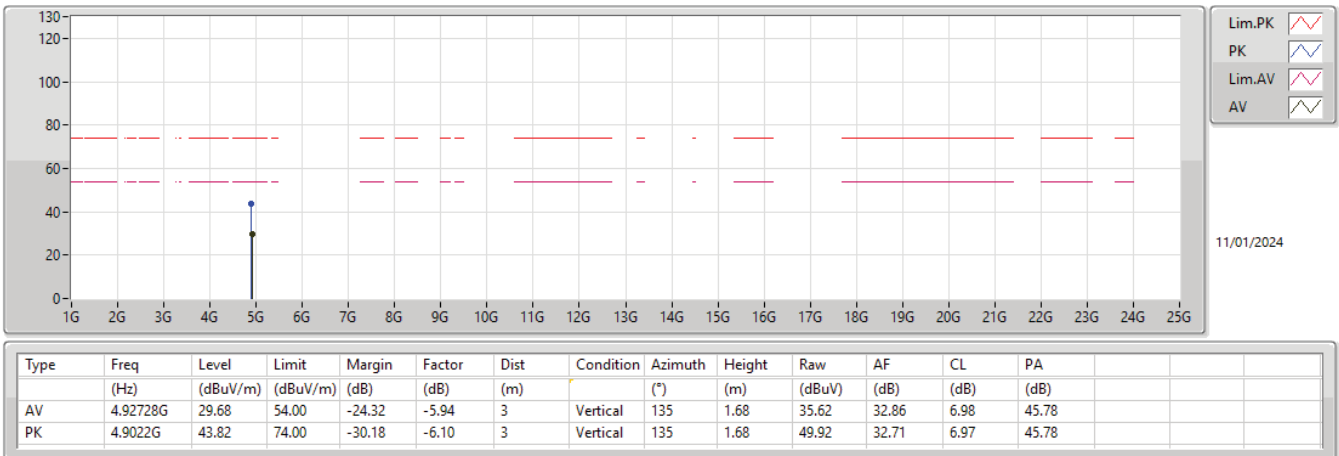
2452MHz_TX





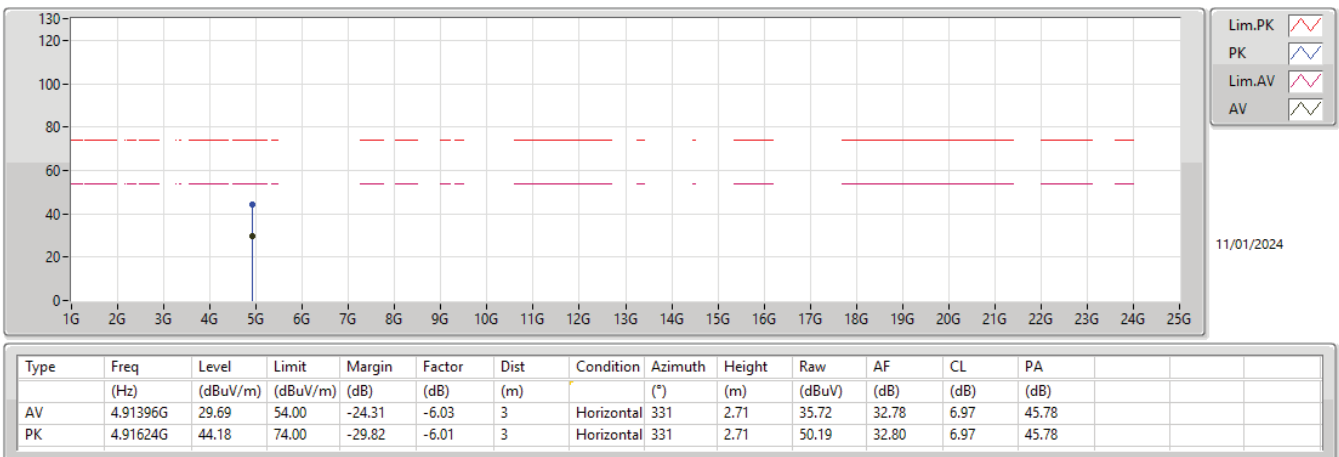
2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



2.4-2.4835GHz_802.11ax HEW40_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)_4TX	Pass	PK	47.46M	33.89	40.00	-6.11	3	Vertical	0	1.00

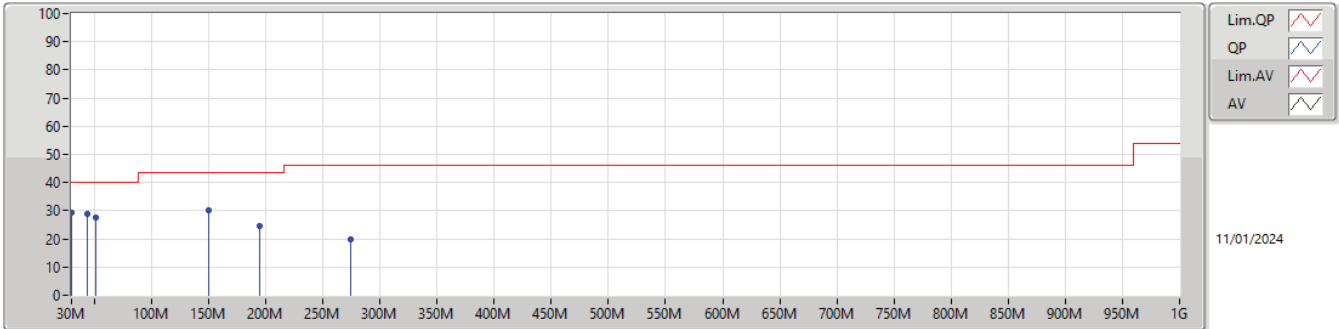
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	30M	29.44	40.00	-10.56	3	Vertical	360	1.00
2437MHz	Pass	PK	43.58M	28.86	40.00	-11.14	3	Vertical	360	1.00
2437MHz	Pass	PK	51.34M	27.49	40.00	-12.51	3	Vertical	360	1.00
2437MHz	Pass	PK	150.28M	30.33	43.50	-13.17	3	Vertical	360	1.00
2437MHz	Pass	PK	194.9M	24.71	43.50	-18.79	3	Vertical	360	1.00
2437MHz	Pass	PK	274.44M	20.04	46.00	-25.96	3	Vertical	360	1.00
2437MHz	Pass	PK	30M	21.71	40.00	-18.29	3	Horizontal	0	1.00
2437MHz	Pass	PK	111.48M	23.30	43.50	-20.20	3	Horizontal	0	1.00
2437MHz	Pass	PK	148.34M	27.45	43.50	-16.05	3	Horizontal	0	1.00
2437MHz	Pass	PK	192.96M	25.47	43.50	-18.03	3	Horizontal	0	1.00
2437MHz	Pass	PK	272.5M	23.91	46.00	-22.09	3	Horizontal	0	1.00
2437MHz	Pass	PK	299.66M	21.39	46.00	-24.61	3	Horizontal	0	1.00
2437MHz	Pass	PK	47.46M	33.89	40.00	-6.11	3	Vertical	0	1.00
2437MHz	Pass	PK	97.9M	33.40	43.50	-10.10	3	Vertical	0	1.00
2437MHz	Pass	PK	276.38M	34.71	46.00	-11.29	3	Vertical	0	1.00
2437MHz	Pass	PK	769.14M	30.10	46.00	-15.90	3	Vertical	0	1.00
2437MHz	Pass	PK	852.56M	30.22	46.00	-15.78	3	Vertical	0	1.00
2437MHz	Pass	PK	897.18M	38.81	46.00	-7.19	3	Vertical	0	1.00
2437MHz	Pass	PK	94.02M	22.87	43.50	-20.63	3	Horizontal	360	1.00
2437MHz	Pass	PK	229.82M	22.12	46.00	-23.88	3	Horizontal	360	1.00
2437MHz	Pass	PK	276.38M	29.28	46.00	-16.72	3	Horizontal	360	1.00
2437MHz	Pass	PK	709M	34.63	46.00	-11.37	3	Horizontal	360	1.00
2437MHz	Pass	PK	773.02M	29.55	46.00	-16.45	3	Horizontal	360	1.00
2437MHz	Pass	PK	904.94M	37.66	46.00	-8.34	3	Horizontal	360	1.00



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

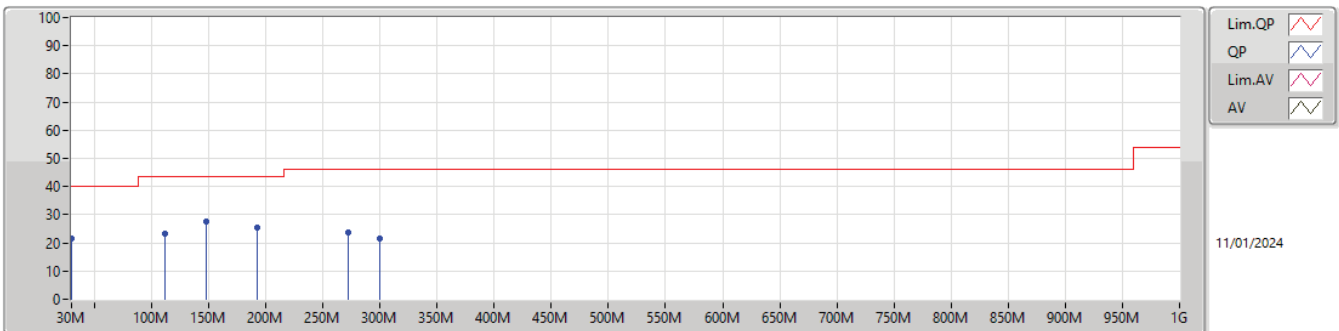
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	29.44	40.00	-10.56	-18.35	3	Vertical	360	1.00	47.79	25.20	0.55	44.10				
PK	43.58M	28.86	40.00	-11.14	-25.45	3	Vertical	360	1.00	54.31	18.16	0.63	44.24				
PK	51.34M	27.49	40.00	-12.51	-29.46	3	Vertical	360	1.00	56.95	14.13	0.69	44.28				
PK	150.28M	30.33	43.50	-13.17	-25.84	3	Vertical	360	1.00	56.17	17.24	1.16	44.24				
PK	194.9M	24.71	43.50	-18.79	-27.84	3	Vertical	360	1.00	52.55	15.00	1.33	44.17				
PK	274.44M	20.04	46.00	-25.96	-23.37	3	Vertical	360	1.00	43.41	19.13	1.55	44.05				

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

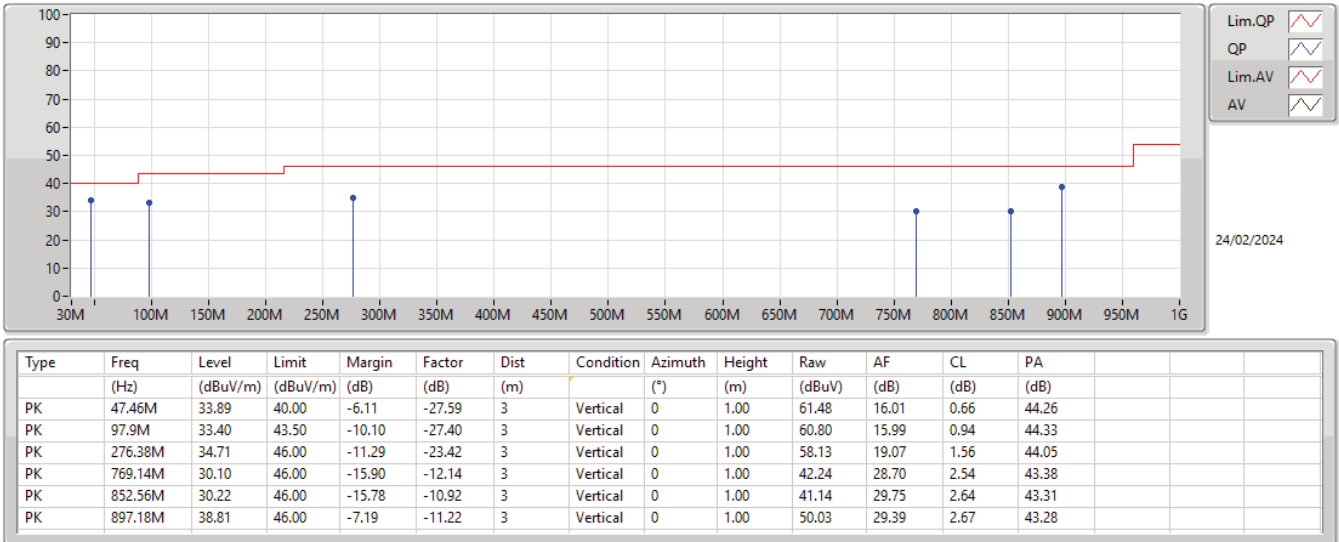
2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
PK	30M	21.71	40.00	-18.29	-18.35	3	Horizontal	0	1.00	40.06	25.20	0.55	44.10				
PK	111.48M	23.30	43.50	-20.20	-25.95	3	Horizontal	0	1.00	49.25	17.34	1.02	44.31				
PK	148.34M	27.45	43.50	-16.05	-25.83	3	Horizontal	0	1.00	53.28	17.27	1.15	44.25				
PK	192.96M	25.47	43.50	-18.03	-27.84	3	Horizontal	0	1.00	53.31	15.00	1.33	44.17				
PK	272.5M	23.91	46.00	-22.09	-23.25	3	Horizontal	0	1.00	47.16	19.25	1.55	44.05				
PK	299.66M	21.39	46.00	-24.61	-22.88	3	Horizontal	0	1.00	44.27	19.50	1.63	44.01				

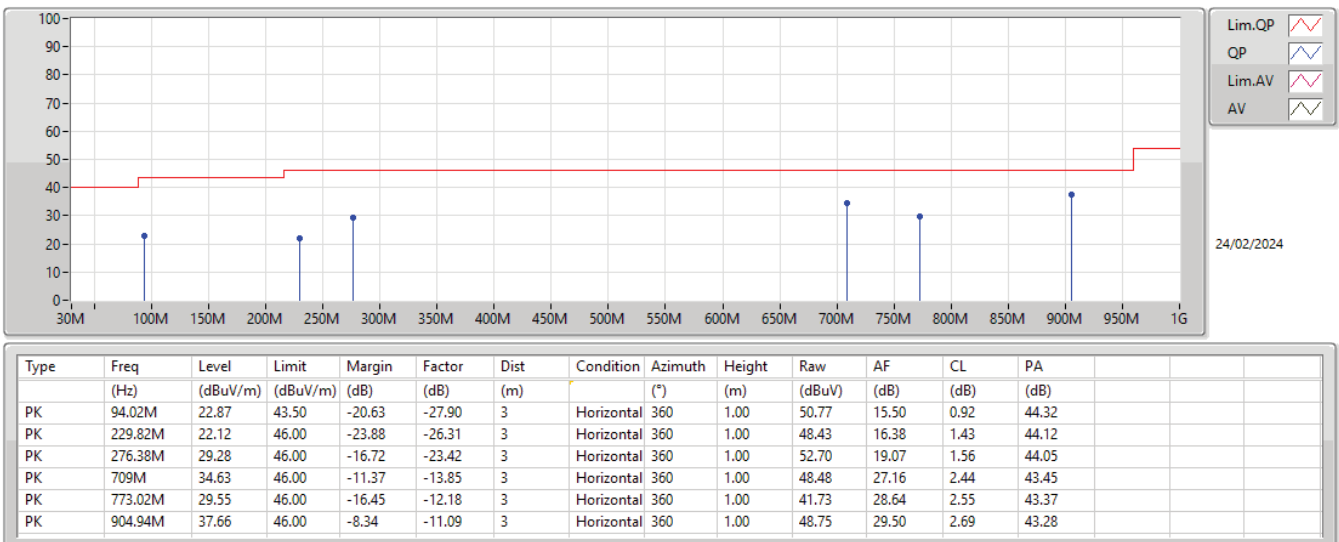
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2437MHz_PoE



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

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)_4TX	Pass	AV	2.4835G	51.21	54.00	-2.79	3	Vertical	243	1.50
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4894G	51.79	54.00	-2.21	3	Vertical	77	3.00
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.77	54.00	-0.23	3	Vertical	80	3.00
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	52.49	54.00	-1.51	3	Vertical	296	3.00



RSE TX above 1GHz Non-Beamforming Radio 1

Appendix F.4

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	44.40	54.00	-9.60	3	Vertical	345	1.50
2412MHz	Pass	AV	2.4112G	110.24	Inf	-Inf	3	Vertical	345	1.50
2412MHz	Pass	PK	2.3722G	57.71	74.00	-16.29	3	Vertical	345	1.50
2412MHz	Pass	PK	2.4112G	112.78	Inf	-Inf	3	Vertical	345	1.50
2412MHz	Pass	AV	2.3874G	44.29	54.00	-9.71	3	Horizontal	233	2.93
2412MHz	Pass	AV	2.4112G	109.13	Inf	-Inf	3	Horizontal	233	2.93
2412MHz	Pass	PK	2.3746G	57.70	74.00	-16.30	3	Horizontal	233	2.93
2412MHz	Pass	PK	2.4112G	111.70	Inf	-Inf	3	Horizontal	233	2.93
2412MHz	Pass	AV	4.824G	36.53	54.00	-17.47	3	Vertical	37	2.55
2412MHz	Pass	PK	4.824G	45.15	74.00	-28.85	3	Vertical	37	2.55
2412MHz	Pass	AV	4.824G	29.96	54.00	-24.04	3	Horizontal	114	2.22
2412MHz	Pass	PK	4.8242G	43.47	74.00	-30.53	3	Horizontal	114	2.22
2437MHz	Pass	AV	2.3898G	44.35	54.00	-9.65	3	Vertical	211	2.84
2437MHz	Pass	AV	2.4382G	113.84	Inf	-Inf	3	Vertical	211	2.84
2437MHz	Pass	AV	2.4974G	48.48	54.00	-5.52	3	Vertical	211	2.84
2437MHz	Pass	PK	2.3614G	57.30	74.00	-16.70	3	Vertical	211	2.84
2437MHz	Pass	PK	2.4378G	116.49	Inf	-Inf	3	Vertical	211	2.84
2437MHz	Pass	PK	2.4954G	60.08	74.00	-13.92	3	Vertical	211	2.84
2437MHz	Pass	AV	2.3898G	44.29	54.00	-9.71	3	Horizontal	232	2.87
2437MHz	Pass	AV	2.4362G	109.76	Inf	-Inf	3	Horizontal	232	2.87
2437MHz	Pass	AV	2.4874G	46.36	54.00	-7.64	3	Horizontal	232	2.87
2437MHz	Pass	PK	2.3874G	57.23	74.00	-16.77	3	Horizontal	232	2.87
2437MHz	Pass	PK	2.4362G	112.35	Inf	-Inf	3	Horizontal	232	2.87
2437MHz	Pass	PK	2.4938G	58.58	74.00	-15.42	3	Horizontal	232	2.87
2437MHz	Pass	AV	4.874G	31.26	54.00	-22.74	3	Vertical	126	2.83
2437MHz	Pass	PK	4.88156G	44.50	74.00	-29.50	3	Vertical	126	2.83
2437MHz	Pass	AV	4.86424G	29.38	54.00	-24.62	3	Horizontal	347	1.50
2437MHz	Pass	PK	4.86656G	42.78	74.00	-31.22	3	Horizontal	347	1.50
2462MHz	Pass	AV	2.4612G	112.11	Inf	-Inf	3	Vertical	243	1.50
2462MHz	Pass	AV	2.4835G	51.21	54.00	-2.79	3	Vertical	243	1.50
2462MHz	Pass	PK	2.4616G	114.58	Inf	-Inf	3	Vertical	243	1.50
2462MHz	Pass	PK	2.4835G	61.45	74.00	-12.55	3	Vertical	243	1.50
2462MHz	Pass	AV	2.4612G	108.13	Inf	-Inf	3	Horizontal	233	2.70
2462MHz	Pass	AV	2.4835G	47.81	54.00	-6.19	3	Horizontal	233	2.70
2462MHz	Pass	PK	2.4612G	110.59	Inf	-Inf	3	Horizontal	233	2.70
2462MHz	Pass	PK	2.4954G	59.81	74.00	-14.19	3	Horizontal	233	2.70
2462MHz	Pass	AV	4.91412G	29.64	54.00	-24.36	3	Vertical	291	1.50
2462MHz	Pass	PK	4.92252G	43.98	74.00	-30.02	3	Vertical	291	1.50
2462MHz	Pass	AV	4.91428G	29.60	54.00	-24.40	3	Horizontal	338	1.21
2462MHz	Pass	PK	4.92812G	43.35	74.00	-30.65	3	Horizontal	338	1.21
802.11g_Nss1(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	44.41	54.00	-9.59	3	Vertical	76	2.66
2412MHz	Pass	AV	2.4186G	107.64	Inf	-Inf	3	Vertical	76	2.66
2412MHz	Pass	PK	2.3894G	57.09	74.00	-16.91	3	Vertical	76	2.66
2412MHz	Pass	PK	2.419G	117.91	Inf	-Inf	3	Vertical	76	2.66
2412MHz	Pass	AV	2.39G	44.60	54.00	-9.40	3	Horizontal	234	1.31
2412MHz	Pass	AV	2.4126G	100.53	Inf	-Inf	3	Horizontal	234	1.31
2412MHz	Pass	PK	2.388G	57.31	74.00	-16.69	3	Horizontal	234	1.31
2412MHz	Pass	PK	2.4126G	110.64	Inf	-Inf	3	Horizontal	234	1.31
2412MHz	Pass	AV	4.82418G	29.44	54.00	-24.56	3	Vertical	35	1.50
2412MHz	Pass	PK	4.82382G	43.08	74.00	-30.92	3	Vertical	35	1.50
2412MHz	Pass	AV	4.81038G	29.08	54.00	-24.92	3	Horizontal	340	1.50
2412MHz	Pass	PK	4.80996G	42.82	74.00	-31.18	3	Horizontal	340	1.50
2437MHz	Pass	AV	2.3894G	44.32	54.00	-9.68	3	Vertical	79	3.00
2437MHz	Pass	AV	2.4442G	106.77	Inf	-Inf	3	Vertical	79	3.00
2437MHz	Pass	AV	2.4835G	47.08	54.00	-6.92	3	Vertical	79	3.00
2437MHz	Pass	PK	2.3578G	57.61	74.00	-16.39	3	Vertical	79	3.00
2437MHz	Pass	PK	2.4442G	116.82	Inf	-Inf	3	Vertical	79	3.00
2437MHz	Pass	PK	2.4854G	60.55	74.00	-13.45	3	Vertical	79	3.00
2437MHz	Pass	AV	2.389G	44.28	54.00	-9.72	3	Horizontal	234	1.00



RSE TX above 1GHz_Non-Beamforming_Radio 1

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	AV	2.4378G	100.33	Inf	-Inf	3	Horizontal	234	1.00
2437MHz	Pass	AV	2.485G	45.45	54.00	-8.55	3	Horizontal	234	1.00
2437MHz	Pass	PK	2.373G	57.81	74.00	-16.19	3	Horizontal	234	1.00
2437MHz	Pass	PK	2.4378G	110.35	Inf	-Inf	3	Horizontal	234	1.00
2437MHz	Pass	PK	2.4942G	58.17	74.00	-15.83	3	Horizontal	234	1.00
2437MHz	Pass	AV	4.86392G	29.16	54.00	-24.84	3	Vertical	21	1.50
2437MHz	Pass	PK	4.88414G	43.25	74.00	-30.75	3	Vertical	21	1.50
2437MHz	Pass	AV	4.86494G	29.17	54.00	-24.83	3	Horizontal	86	1.00
2437MHz	Pass	PK	4.8653G	43.26	74.00	-30.74	3	Horizontal	86	1.00
2457MHz	Pass	AV	2.4642G	105.81	Inf	-Inf	3	Vertical	80	3.00
2457MHz	Pass	AV	2.485G	50.04	54.00	-3.96	3	Vertical	80	3.00
2457MHz	Pass	PK	2.4638G	115.94	Inf	-Inf	3	Vertical	80	3.00
2457MHz	Pass	PK	2.4852G	63.82	74.00	-10.18	3	Vertical	80	3.00
2457MHz	Pass	AV	2.4576G	99.10	Inf	-Inf	3	Horizontal	234	2.52
2457MHz	Pass	AV	2.485G	46.46	54.00	-7.54	3	Horizontal	234	2.52
2457MHz	Pass	PK	2.457G	109.06	Inf	-Inf	3	Horizontal	234	2.52
2457MHz	Pass	PK	2.4844G	59.63	74.00	-14.37	3	Horizontal	234	2.52
2462MHz	Pass	AV	2.4692G	105.54	Inf	-Inf	3	Vertical	77	3.00
2462MHz	Pass	AV	2.4894G	51.79	54.00	-2.21	3	Vertical	77	3.00
2462MHz	Pass	PK	2.469G	115.62	Inf	-Inf	3	Vertical	77	3.00
2462MHz	Pass	PK	2.4902G	66.59	74.00	-7.41	3	Vertical	77	3.00
2462MHz	Pass	AV	2.4684G	99.88	Inf	-Inf	3	Horizontal	239	1.00
2462MHz	Pass	AV	2.4835G	50.04	54.00	-3.96	3	Horizontal	239	1.00
2462MHz	Pass	PK	2.4676G	110.02	Inf	-Inf	3	Horizontal	239	1.00
2462MHz	Pass	PK	2.4836G	64.33	74.00	-9.67	3	Horizontal	239	1.00
2462MHz	Pass	AV	4.91128G	29.46	54.00	-24.54	3	Vertical	17	1.50
2462MHz	Pass	PK	4.93246G	43.07	74.00	-30.93	3	Vertical	17	1.50
2462MHz	Pass	AV	4.91206G	29.48	54.00	-24.52	3	Horizontal	12	1.50
2462MHz	Pass	PK	4.92868G	43.68	74.00	-30.32	3	Horizontal	12	1.50
802.11be EHT20_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	44.52	54.00	-9.48	3	Vertical	75	3.00
2412MHz	Pass	AV	2.4186G	106.16	Inf	-Inf	3	Vertical	75	3.00
2412MHz	Pass	PK	2.381G	57.28	74.00	-16.72	3	Vertical	75	3.00
2412MHz	Pass	PK	2.4182G	120.07	Inf	-Inf	3	Vertical	75	3.00
2412MHz	Pass	AV	2.39G	44.69	54.00	-9.31	3	Horizontal	233	1.32
2412MHz	Pass	AV	2.4126G	99.53	Inf	-Inf	3	Horizontal	233	1.32
2412MHz	Pass	PK	2.3762G	58.28	74.00	-15.72	3	Horizontal	233	1.32
2412MHz	Pass	PK	2.4124G	112.09	Inf	-Inf	3	Horizontal	233	1.32
2412MHz	Pass	AV	4.82262G	29.61	54.00	-24.39	3	Vertical	0	3.00
2412MHz	Pass	PK	4.82388G	43.37	74.00	-30.63	3	Vertical	0	3.00
2412MHz	Pass	AV	4.81134G	29.11	54.00	-24.89	3	Horizontal	331	1.50
2412MHz	Pass	PK	4.81938G	43.12	74.00	-30.88	3	Horizontal	331	1.50
2437MHz	Pass	AV	2.3874G	44.30	54.00	-9.70	3	Vertical	249	1.39
2437MHz	Pass	AV	2.4346G	105.25	Inf	-Inf	3	Vertical	249	1.39
2437MHz	Pass	AV	2.4846G	46.38	54.00	-7.62	3	Vertical	249	1.39
2437MHz	Pass	PK	2.3498G	58.08	74.00	-15.92	3	Vertical	249	1.39
2437MHz	Pass	PK	2.4342G	119.30	Inf	-Inf	3	Vertical	249	1.39
2437MHz	Pass	PK	2.491G	59.35	74.00	-14.65	3	Vertical	249	1.39
2437MHz	Pass	AV	2.3866G	44.29	54.00	-9.71	3	Horizontal	232	1.01
2437MHz	Pass	AV	2.4378G	99.85	Inf	-Inf	3	Horizontal	232	1.01
2437MHz	Pass	AV	2.4854G	45.57	54.00	-8.43	3	Horizontal	232	1.01
2437MHz	Pass	PK	2.3646G	58.06	74.00	-15.94	3	Horizontal	232	1.01
2437MHz	Pass	PK	2.4362G	112.93	Inf	-Inf	3	Horizontal	232	1.01
2437MHz	Pass	PK	2.491G	58.55	74.00	-15.45	3	Horizontal	232	1.01
2437MHz	Pass	AV	4.86398G	29.22	54.00	-24.78	3	Vertical	176	1.50
2437MHz	Pass	PK	4.86326G	43.50	74.00	-30.50	3	Vertical	176	1.50
2437MHz	Pass	AV	4.86482G	29.17	54.00	-24.83	3	Horizontal	309	1.03
2437MHz	Pass	PK	4.88588G	43.34	74.00	-30.66	3	Horizontal	309	1.03
2457MHz	Pass	AV	2.4646G	105.49	Inf	-Inf	3	Vertical	80	3.00
2457MHz	Pass	AV	2.4835G	53.77	54.00	-0.23	3	Vertical	80	3.00
2457MHz	Pass	PK	2.4654G	118.13	Inf	-Inf	3	Vertical	80	3.00
2457MHz	Pass	PK	2.4844G	72.44	74.00	-1.56	3	Vertical	80	3.00



RSE TX above 1GHz Non-Beamforming Radio 1

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2457MHz	Pass	AV	2.4564G	99.00	Inf	-Inf	3	Horizontal	232	3.00
2457MHz	Pass	AV	2.4838G	49.10	54.00	-4.90	3	Horizontal	232	3.00
2457MHz	Pass	PK	2.4564G	112.81	Inf	-Inf	3	Horizontal	232	3.00
2457MHz	Pass	PK	2.4848G	64.38	74.00	-9.62	3	Horizontal	232	3.00
2462MHz	Pass	AV	2.467G	104.72	Inf	-Inf	3	Vertical	291	3.00
2462MHz	Pass	AV	2.4848G	52.48	54.00	-1.52	3	Vertical	291	3.00
2462MHz	Pass	PK	2.4664G	117.96	Inf	-Inf	3	Vertical	291	3.00
2462MHz	Pass	PK	2.4874G	70.81	74.00	-3.19	3	Vertical	291	3.00
2462MHz	Pass	AV	2.463G	98.60	Inf	-Inf	3	Horizontal	226	3.00
2462MHz	Pass	AV	2.4835G	50.24	54.00	-3.76	3	Horizontal	226	3.00
2462MHz	Pass	PK	2.463G	111.99	Inf	-Inf	3	Horizontal	226	3.00
2462MHz	Pass	PK	2.4836G	66.13	74.00	-7.87	3	Horizontal	226	3.00
2462MHz	Pass	AV	4.91146G	29.49	54.00	-24.51	3	Vertical	0	1.00
2462MHz	Pass	PK	4.91554G	43.55	74.00	-30.45	3	Vertical	0	1.00
2462MHz	Pass	AV	4.91272G	29.50	54.00	-24.50	3	Horizontal	286	1.94
2462MHz	Pass	PK	4.93786G	43.68	74.00	-30.32	3	Horizontal	286	1.94
802.11be EHT40_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	47.19	54.00	-6.81	3	Vertical	75	3.00
2422MHz	Pass	AV	2.428G	102.24	Inf	-Inf	3	Vertical	75	3.00
2422MHz	Pass	AV	2.4888G	51.10	54.00	-2.90	3	Vertical	75	3.00
2422MHz	Pass	PK	2.39G	58.63	74.00	-15.37	3	Vertical	75	3.00
2422MHz	Pass	PK	2.428G	113.91	Inf	-Inf	3	Vertical	75	3.00
2422MHz	Pass	PK	2.4912G	64.39	74.00	-9.61	3	Vertical	75	3.00
2422MHz	Pass	AV	2.39G	45.06	54.00	-8.94	3	Horizontal	234	1.14
2422MHz	Pass	AV	2.4232G	96.97	Inf	-Inf	3	Horizontal	234	1.14
2422MHz	Pass	AV	2.4835G	47.61	54.00	-6.39	3	Horizontal	234	1.14
2422MHz	Pass	PK	2.3736G	57.77	74.00	-16.23	3	Horizontal	234	1.14
2422MHz	Pass	PK	2.4232G	108.61	Inf	-Inf	3	Horizontal	234	1.14
2422MHz	Pass	PK	2.4835G	60.97	74.00	-13.03	3	Horizontal	234	1.14
2422MHz	Pass	AV	4.85132G	29.22	54.00	-24.78	3	Vertical	130	1.50
2422MHz	Pass	PK	4.84772G	43.22	74.00	-30.78	3	Vertical	130	1.50
2422MHz	Pass	AV	4.85024G	29.19	54.00	-24.81	3	Horizontal	17	1.50
2422MHz	Pass	PK	4.83992G	43.26	74.00	-30.74	3	Horizontal	17	1.50
2427MHz	Pass	AV	2.3898G	45.29	54.00	-8.71	3	Vertical	80	1.50
2427MHz	Pass	AV	2.4142G	101.60	Inf	-Inf	3	Vertical	80	1.50
2427MHz	Pass	AV	2.4938G	51.29	54.00	-2.71	3	Vertical	80	1.50
2427MHz	Pass	PK	2.3738G	57.84	74.00	-16.16	3	Vertical	80	1.50
2427MHz	Pass	PK	2.413G	113.82	Inf	-Inf	3	Vertical	80	1.50
2427MHz	Pass	PK	2.495G	65.92	74.00	-8.08	3	Vertical	80	1.50
2427MHz	Pass	AV	2.3898G	45.33	54.00	-8.67	3	Horizontal	232	1.38
2427MHz	Pass	AV	2.4278G	97.50	Inf	-Inf	3	Horizontal	232	1.38
2427MHz	Pass	AV	2.4878G	48.77	54.00	-5.23	3	Horizontal	232	1.38
2427MHz	Pass	PK	2.387G	58.44	74.00	-15.56	3	Horizontal	232	1.38
2427MHz	Pass	PK	2.4278G	109.18	Inf	-Inf	3	Horizontal	232	1.38
2427MHz	Pass	PK	2.4866G	63.56	74.00	-10.44	3	Horizontal	232	1.38
2437MHz	Pass	AV	2.3894G	44.33	54.00	-9.67	3	Vertical	74	1.41
2437MHz	Pass	AV	2.423G	101.55	Inf	-Inf	3	Vertical	74	1.41
2437MHz	Pass	AV	2.4835G	52.42	54.00	-1.58	3	Vertical	74	1.41
2437MHz	Pass	PK	2.3786G	57.39	74.00	-16.61	3	Vertical	74	1.41
2437MHz	Pass	PK	2.4242G	113.78	Inf	-Inf	3	Vertical	74	1.41
2437MHz	Pass	PK	2.4835G	67.65	74.00	-6.35	3	Vertical	74	1.41
2437MHz	Pass	AV	2.389G	44.32	54.00	-9.68	3	Horizontal	233	1.00
2437MHz	Pass	AV	2.4378G	96.28	Inf	-Inf	3	Horizontal	233	1.00
2437MHz	Pass	AV	2.4854G	47.03	54.00	-6.97	3	Horizontal	233	1.00
2437MHz	Pass	PK	2.3782G	57.91	74.00	-16.09	3	Horizontal	233	1.00
2437MHz	Pass	PK	2.4386G	108.43	Inf	-Inf	3	Horizontal	233	1.00
2437MHz	Pass	PK	2.4858G	61.01	74.00	-12.99	3	Horizontal	233	1.00
2437MHz	Pass	AV	4.90076G	29.28	54.00	-24.72	3	Vertical	263	1.92
2437MHz	Pass	PK	4.87784G	44.17	74.00	-29.83	3	Vertical	263	1.92
2437MHz	Pass	AV	4.8654G	29.38	54.00	-24.62	3	Horizontal	168	2.29
2437MHz	Pass	PK	4.86996G	43.27	74.00	-30.73	3	Horizontal	168	2.29
2447MHz	Pass	AV	2.3898G	44.30	54.00	-9.70	3	Vertical	75	1.13



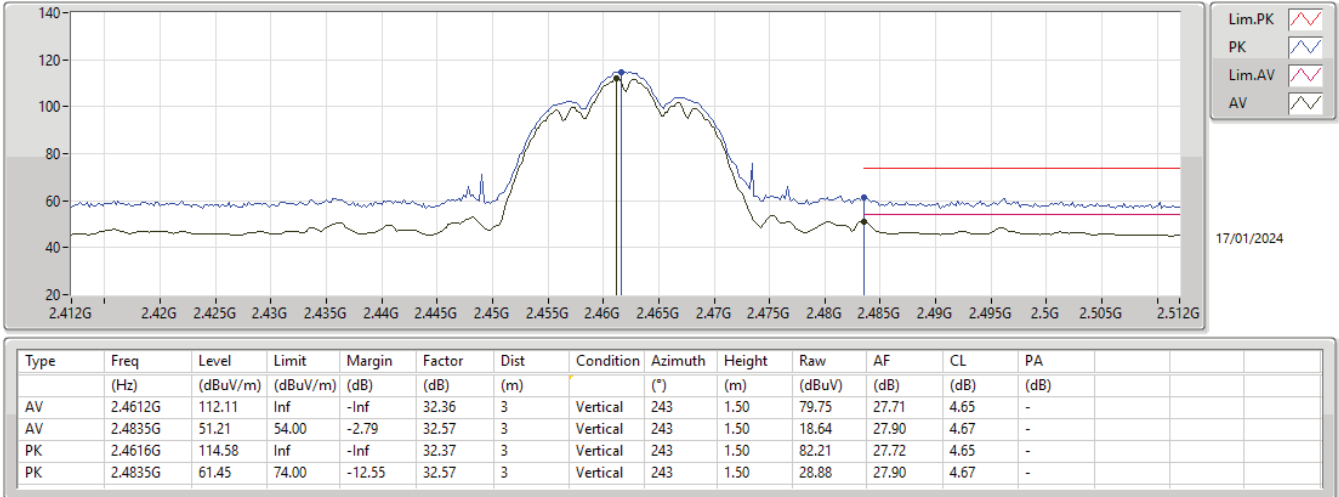
RSE TX above 1GHz_Non-Beamforming_Radio 1

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2447MHz	Pass	AV	2.4562G	90.22	Inf	-Inf	3	Vertical	75	1.13
2447MHz	Pass	AV	2.485G	47.89	54.00	-6.11	3	Vertical	75	1.13
2447MHz	Pass	PK	2.3474G	58.15	74.00	-15.85	3	Vertical	75	1.13
2447MHz	Pass	PK	2.4562G	103.42	Inf	-Inf	3	Vertical	75	1.13
2447MHz	Pass	PK	2.4838G	61.87	74.00	-12.13	3	Vertical	75	1.13
2447MHz	Pass	AV	2.385G	44.28	54.00	-9.72	3	Horizontal	232	1.38
2447MHz	Pass	AV	2.4286G	95.90	Inf	-Inf	3	Horizontal	232	1.38
2447MHz	Pass	AV	2.4878G	51.22	54.00	-2.78	3	Horizontal	232	1.38
2447MHz	Pass	PK	2.3822G	57.68	74.00	-16.32	3	Horizontal	232	1.38
2447MHz	Pass	PK	2.4282G	107.72	Inf	-Inf	3	Horizontal	232	1.38
2447MHz	Pass	PK	2.4878G	64.43	74.00	-9.57	3	Horizontal	232	1.38
2452MHz	Pass	AV	2.3568G	43.79	54.00	-10.21	3	Vertical	296	3.00
2452MHz	Pass	AV	2.4564G	99.08	Inf	-Inf	3	Vertical	296	3.00
2452MHz	Pass	AV	2.4835G	52.49	54.00	-1.51	3	Vertical	296	3.00
2452MHz	Pass	PK	2.3896G	57.78	74.00	-16.22	3	Vertical	296	3.00
2452MHz	Pass	PK	2.4564G	113.09	Inf	-Inf	3	Vertical	296	3.00
2452MHz	Pass	PK	2.4968G	66.98	74.00	-7.02	3	Vertical	296	3.00
2452MHz	Pass	AV	2.3888G	43.81	54.00	-10.19	3	Horizontal	353	1.50
2452MHz	Pass	AV	2.4692G	90.75	Inf	-Inf	3	Horizontal	353	1.50
2452MHz	Pass	AV	2.4892G	47.65	54.00	-6.35	3	Horizontal	353	1.50
2452MHz	Pass	PK	2.364G	57.80	74.00	-16.20	3	Horizontal	353	1.50
2452MHz	Pass	PK	2.4696G	104.14	Inf	-Inf	3	Horizontal	353	1.50
2452MHz	Pass	PK	2.4892G	61.35	74.00	-12.65	3	Horizontal	353	1.50
2452MHz	Pass	AV	4.91168G	29.40	54.00	-24.60	3	Vertical	360	1.39
2452MHz	Pass	PK	4.87724G	43.20	74.00	-30.80	3	Vertical	360	1.39
2452MHz	Pass	AV	4.89844G	29.52	54.00	-24.48	3	Horizontal	52	1.30
2452MHz	Pass	PK	4.90472G	43.19	74.00	-30.81	3	Horizontal	52	1.30

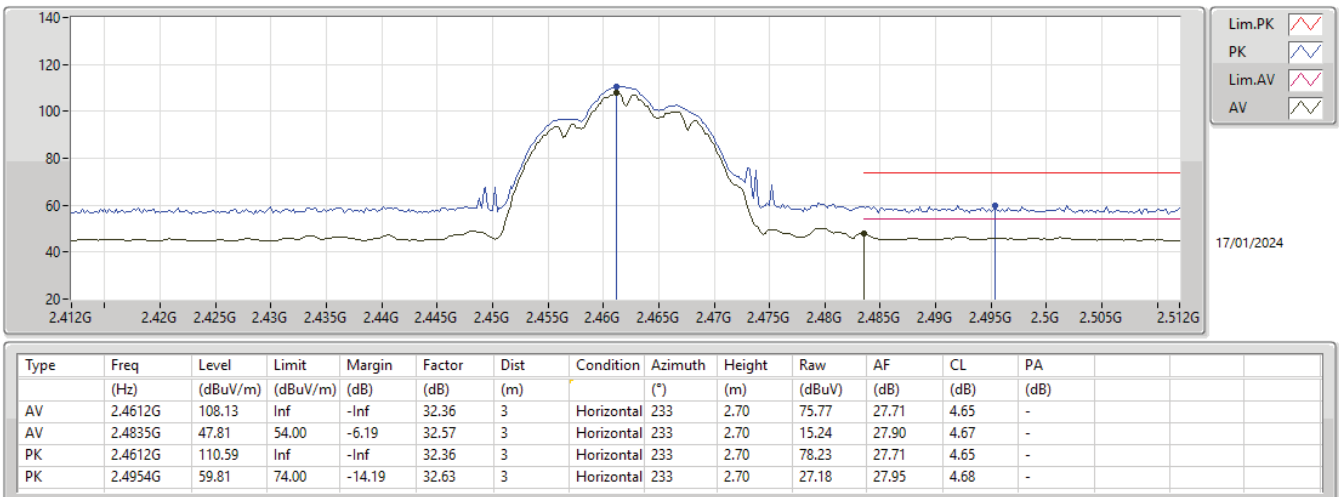
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2462MHz_TX



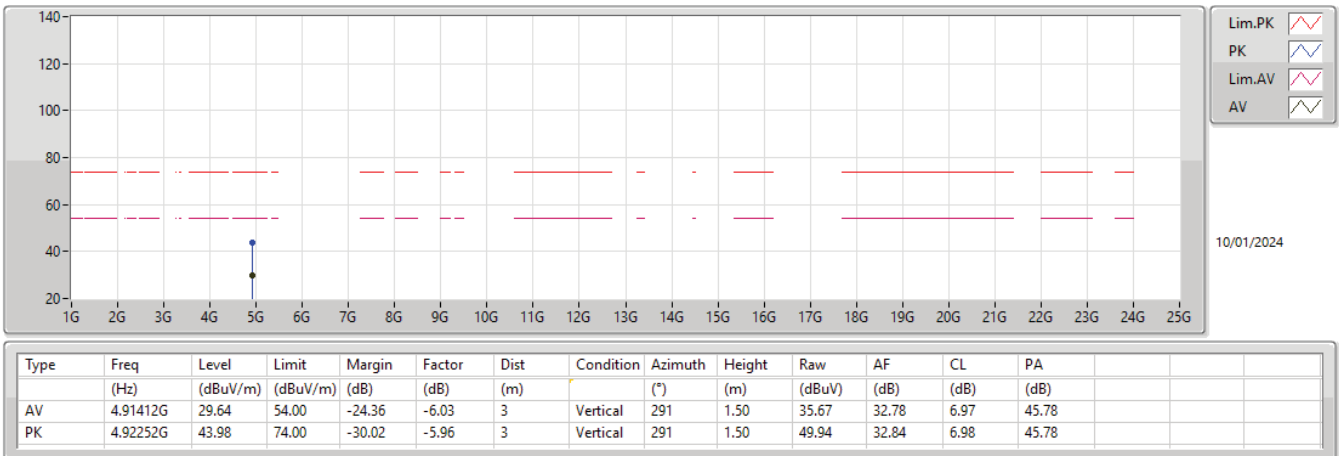
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2462MHz_TX



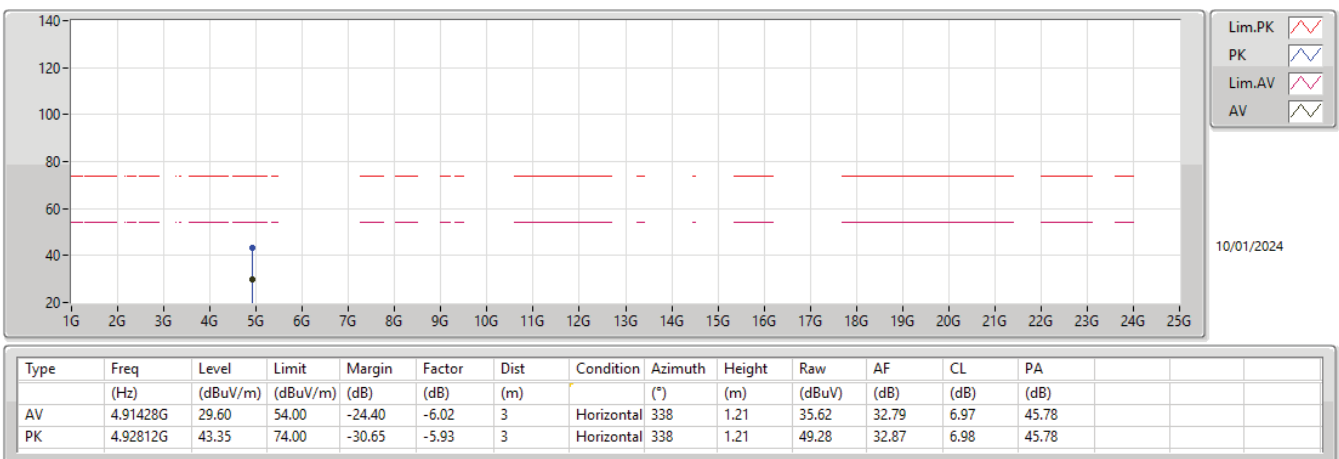
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX



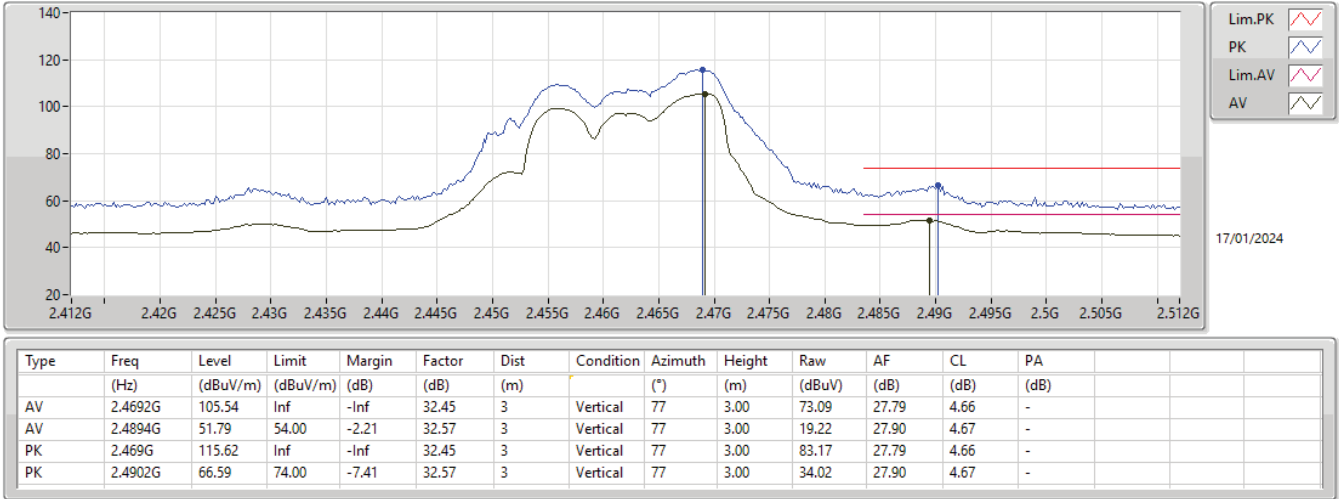
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX



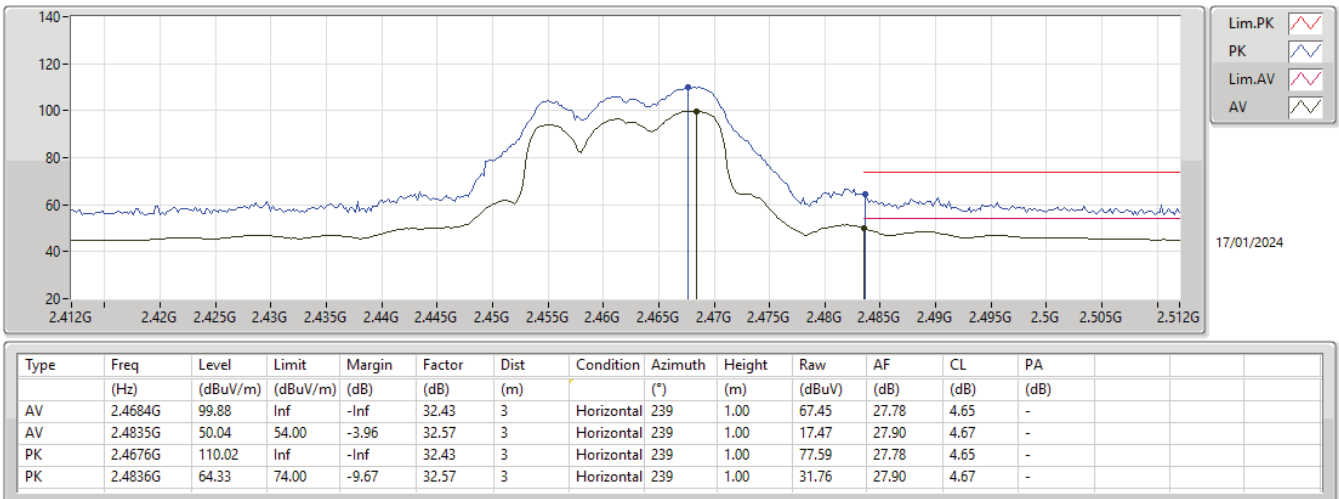
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



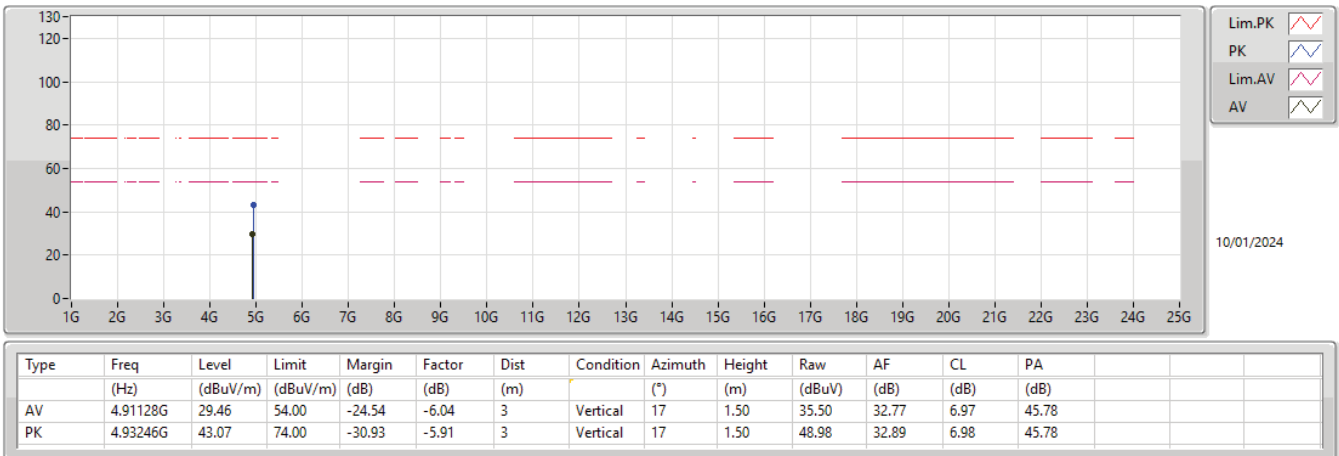
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



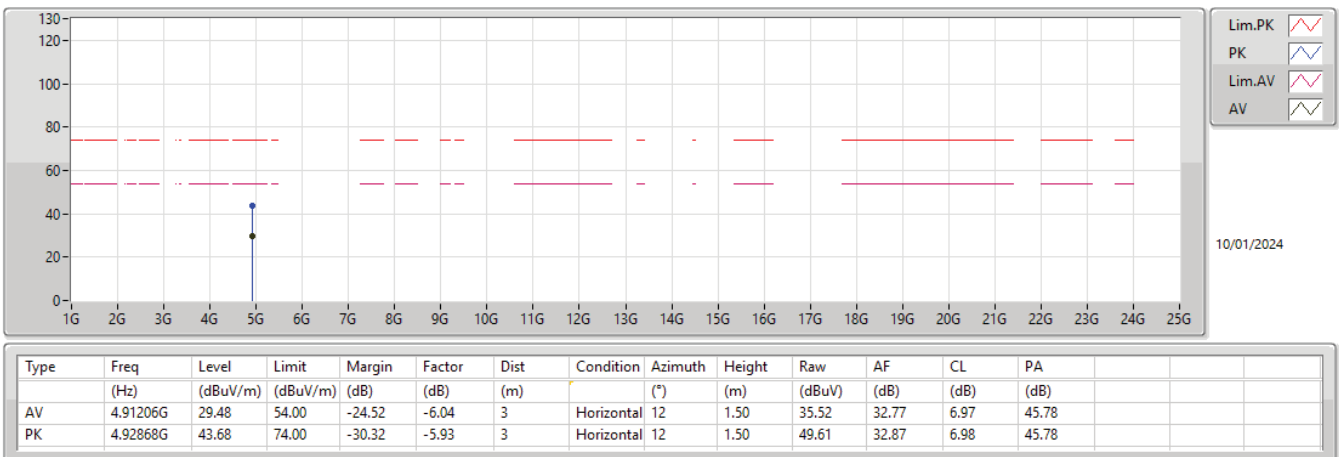
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



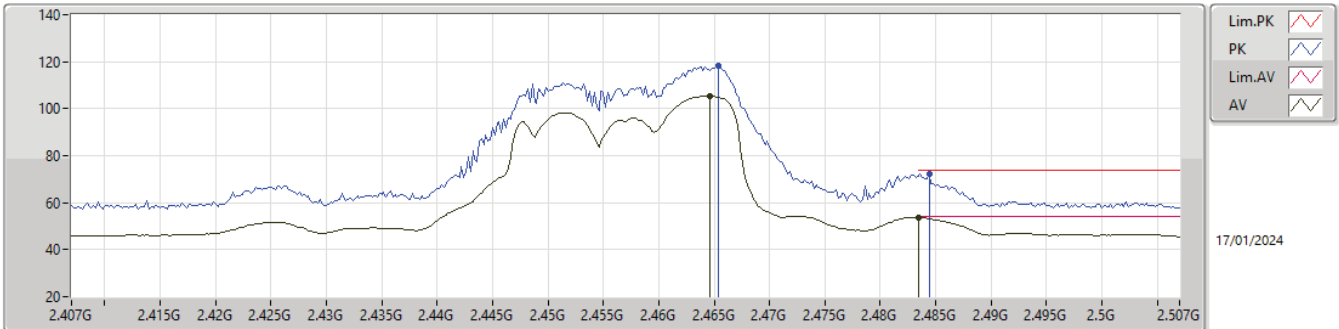
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

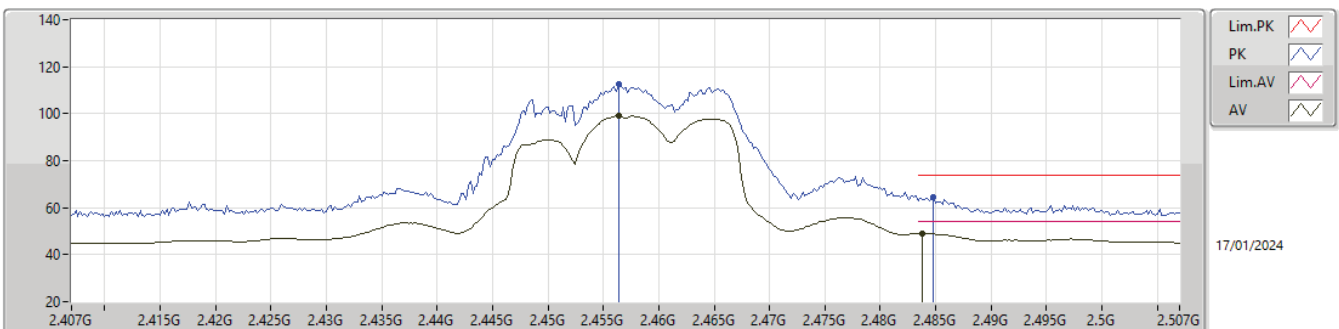
2457MHz_TX



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	2.4646G	105.49	Inf	-Inf	32.40	3	Vertical	80	3.00	73.09	27.75	4.65	-
AV	2.4835G	53.77	54.00	-0.23	32.57	3	Vertical	80	3.00	21.20	27.90	4.67	-
PK	2.4654G	118.13	Inf	-Inf	32.40	3	Vertical	80	3.00	85.73	27.75	4.65	-
PK	2.4844G	72.44	74.00	-1.56	32.57	3	Vertical	80	3.00	39.87	27.90	4.67	-

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX

2457MHz_TX

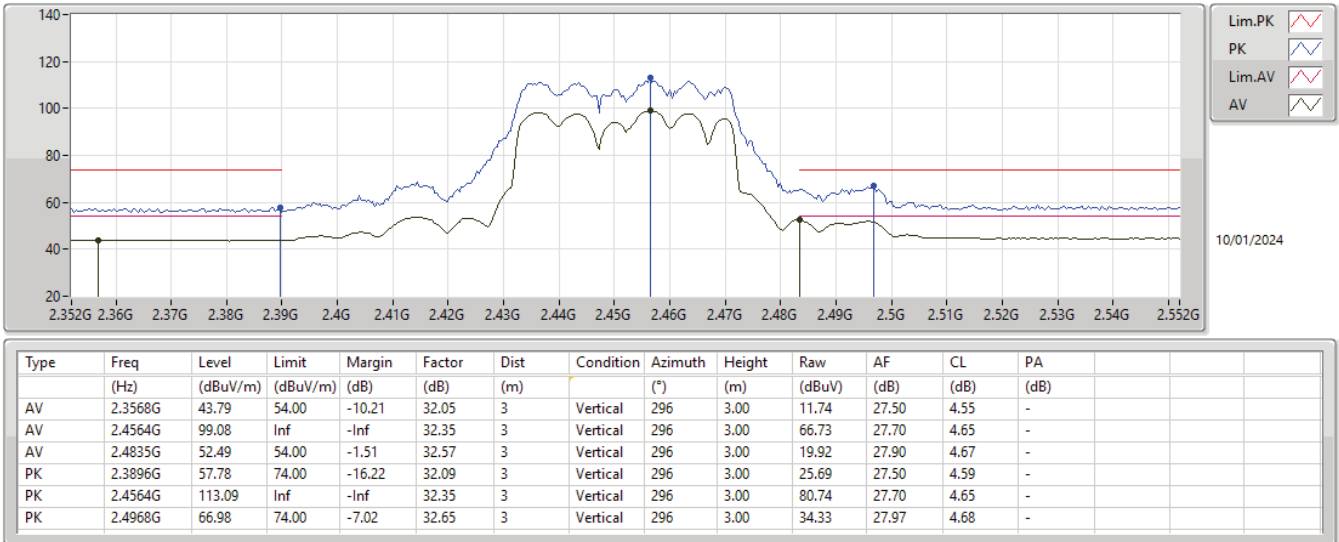


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4564G	99.00	Inf	-Inf	32.35	3	Horizontal	232	3.00	66.65	27.70	4.65	-
AV	2.4838G	49.10	54.00	-4.90	32.57	3	Horizontal	232	3.00	16.53	27.90	4.67	-
PK	2.4564G	112.81	Inf	-Inf	32.35	3	Horizontal	232	3.00	80.46	27.70	4.65	-
PK	2.4848G	64.38	74.00	-9.62	32.57	3	Horizontal	232	3.00	31.81	27.90	4.67	-



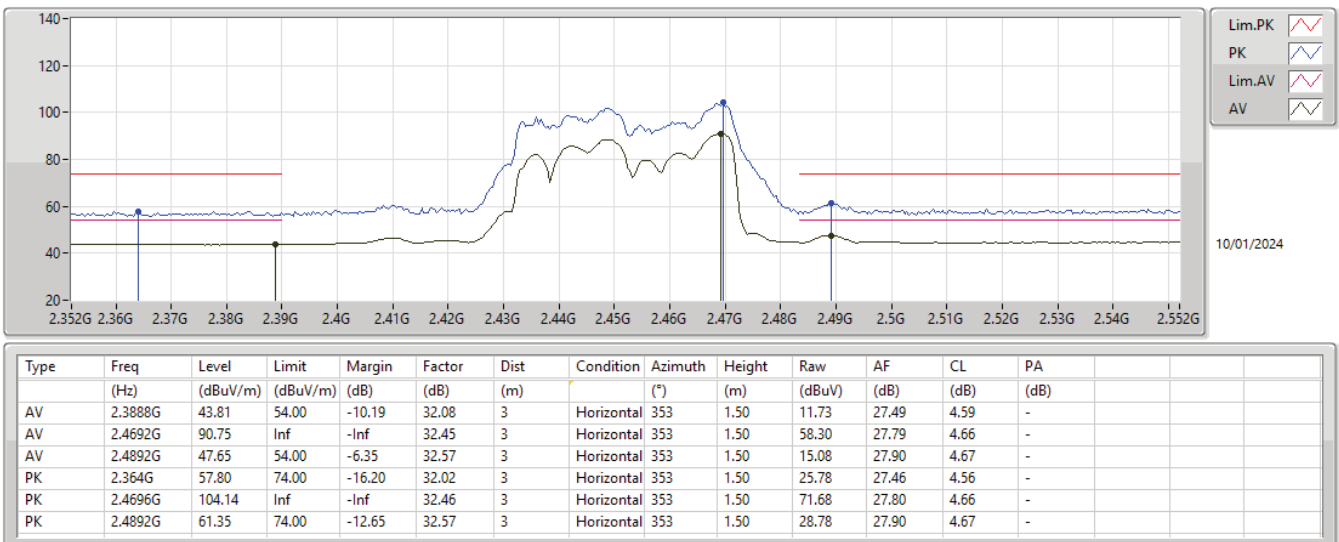
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

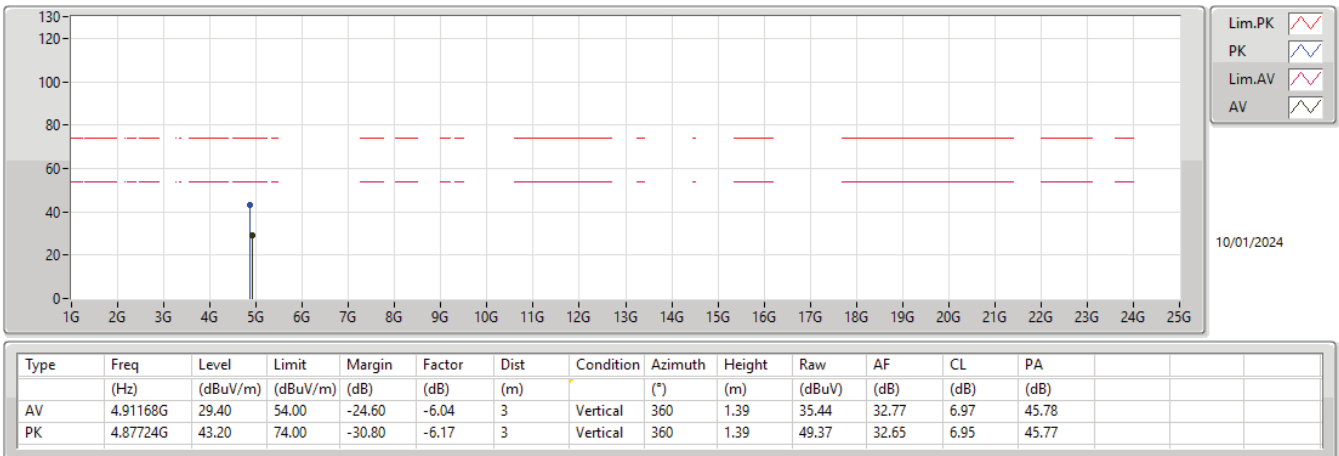
2452MHz_TX





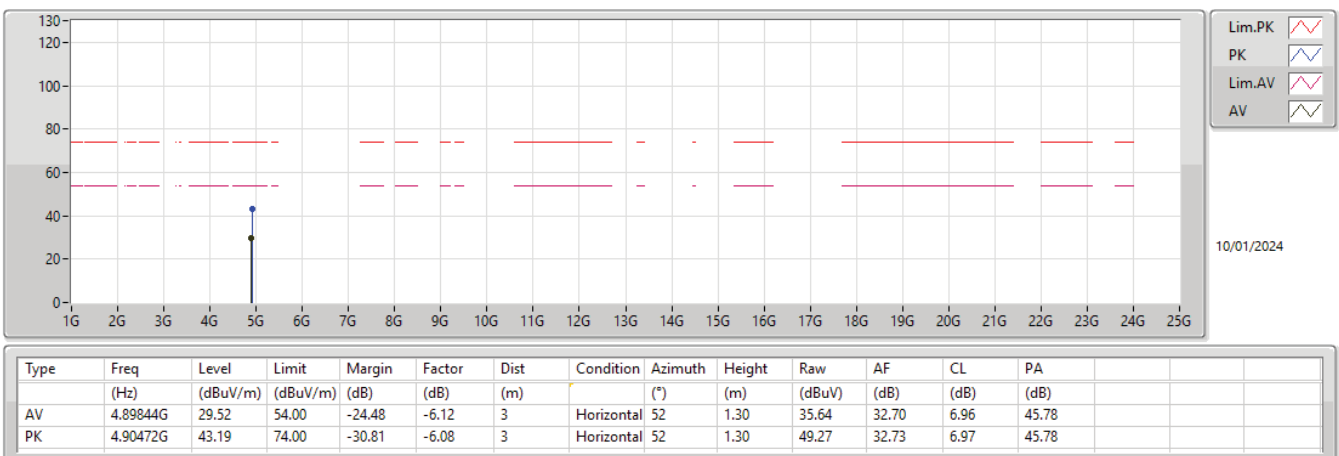
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2452MHz_TX



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX

2452MHz_TX





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.48065G	43.13	54.00	-10.87	Horizontal
Mode 2	Pass	AV	11.48685G	43.43	54.00	-10.57	Horizontal
Mode 3	Pass	AV	12.35194G	45.12	54.00	-8.88	Horizontal



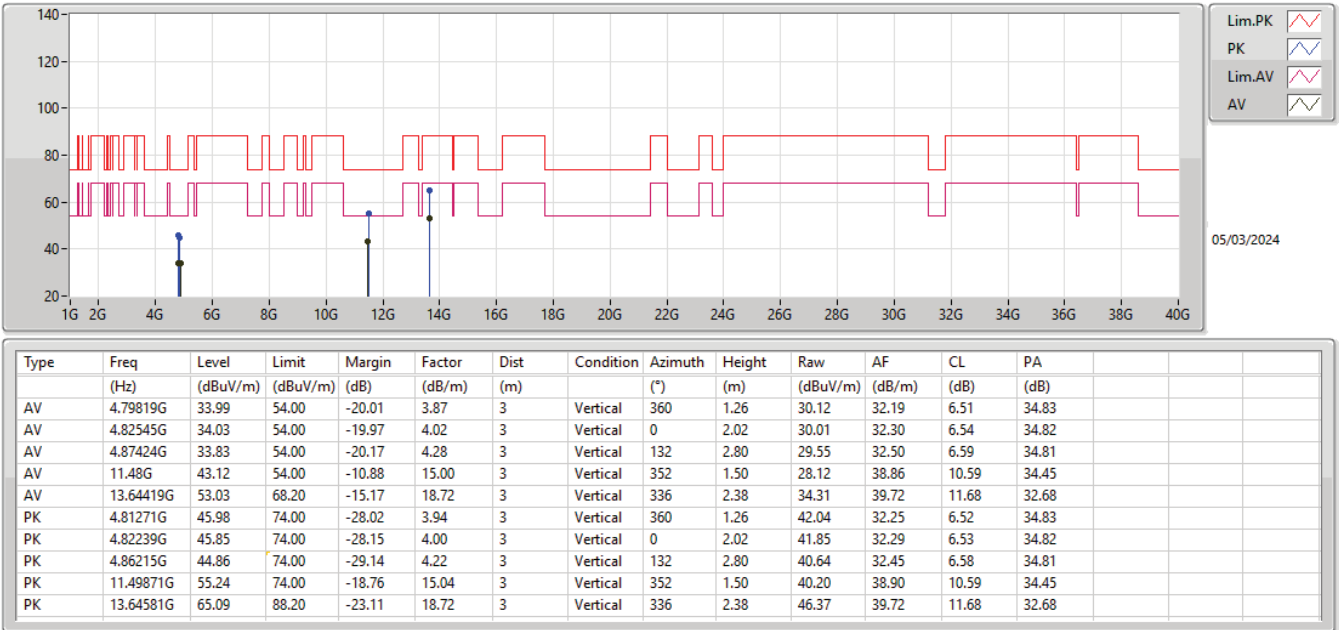
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.79819G	33.99	54.00	-20.01	3	Vertical	360	1.26
Mode 1	Pass	AV	4.82545G	34.03	54.00	-19.97	3	Vertical	0	2.02
Mode 1	Pass	AV	4.87424G	33.83	54.00	-20.17	3	Vertical	132	2.80
Mode 1	Pass	AV	11.48G	43.12	54.00	-10.88	3	Vertical	352	1.50
Mode 1	Pass	AV	13.64419G	53.03	68.20	-15.17	3	Vertical	336	2.38
Mode 1	Pass	PK	4.81271G	45.98	74.00	-28.02	3	Vertical	360	1.26
Mode 1	Pass	PK	4.82239G	45.85	74.00	-28.15	3	Vertical	0	2.02
Mode 1	Pass	PK	4.86215G	44.86	74.00	-29.14	3	Vertical	132	2.80
Mode 1	Pass	PK	11.49871G	55.24	74.00	-18.76	3	Vertical	352	1.50
Mode 1	Pass	PK	13.64581G	65.09	88.20	-23.11	3	Vertical	336	2.38
Mode 1	Pass	AV	4.79965G	33.79	54.00	-20.21	3	Horizontal	348	1.16
Mode 1	Pass	AV	4.82368G	33.19	54.00	-20.81	3	Horizontal	155	3.00
Mode 1	Pass	AV	4.88755G	33.26	54.00	-20.74	3	Horizontal	9	2.57
Mode 1	Pass	AV	11.48065G	43.13	54.00	-10.87	3	Horizontal	108	1.50
Mode 1	Pass	AV	13.65774G	50.98	68.20	-17.22	3	Horizontal	38	2.35
Mode 1	Pass	PK	4.79739G	46.22	74.00	-27.78	3	Horizontal	348	1.16
Mode 1	Pass	PK	4.82626G	45.74	74.00	-28.26	3	Horizontal	155	3.00
Mode 1	Pass	PK	4.874G	45.52	74.00	-28.48	3	Horizontal	9	2.57
Mode 1	Pass	PK	11.49629G	54.92	74.00	-19.08	3	Horizontal	108	1.50
Mode 1	Pass	PK	13.67839G	63.94	88.20	-24.26	-3	Horizontal	38	2.35
Mode 2	Pass	AV	4.79561G	33.58	54.00	-20.42	3	Vertical	47	1.70
Mode 2	Pass	AV	4.86505G	34.86	54.00	-19.14	3	Vertical	224	2.42
Mode 2	Pass	AV	11.49726G	43.27	54.00	-10.73	3	Vertical	154	2.93
Mode 2	Pass	AV	11.55766G	43.27	54.00	-10.73	3	Vertical	89	2.33
Mode 2	Pass	AV	13.64742G	53.61	68.20	-14.59	3	Vertical	331	2.48
Mode 2	Pass	PK	4.79868G	45.19	74.00	-28.81	3	Vertical	47	1.70
Mode 2	Pass	PK	4.87037G	46.67	74.00	-27.33	3	Vertical	224	2.42
Mode 2	Pass	PK	11.48855G	54.83	74.00	-19.17	3	Vertical	154	2.93
Mode 2	Pass	PK	11.58355G	55.13	74.00	-18.87	3	Vertical	89	2.33
Mode 2	Pass	PK	13.66677G	68.27	88.20	-19.93	3	Vertical	331	2.48
Mode 2	Pass	AV	4.81223G	34.23	54.00	-19.77	3	Horizontal	5	2.60
Mode 2	Pass	AV	4.88827G	33.87	54.00	-20.13	3	Horizontal	287	2.64
Mode 2	Pass	AV	11.48685G	43.43	54.00	-10.57	3	Horizontal	238	1.50
Mode 2	Pass	AV	11.5625G	43.20	54.00	-10.80	3	Horizontal	144	1.37
Mode 2	Pass	AV	13.67839G	50.74	68.20	-17.46	3	Horizontal	39	2.39
Mode 2	Pass	PK	4.80513G	45.58	74.00	-28.42	3	Horizontal	5	2.60
Mode 2	Pass	PK	4.87255G	46.05	74.00	-27.95	3	Horizontal	287	2.64
Mode 2	Pass	PK	11.47524G	55.22	74.00	-18.78	3	Horizontal	238	1.50
Mode 2	Pass	PK	11.55621G	55.11	74.00	-18.89	3	Horizontal	144	1.37
Mode 2	Pass	PK	13.65774G	61.39	88.20	-26.81	3	Horizontal	39	2.39
Mode 3	Pass	AV	4.794G	34.00	54.00	-20.00	3	Vertical	1	1.50
Mode 3	Pass	AV	4.87376G	34.49	54.00	-19.51	3	Vertical	40	2.25
Mode 3	Pass	AV	11.48032G	43.01	54.00	-10.99	3	Vertical	37	2.39
Mode 3	Pass	AV	12.35968G	45.09	54.00	-8.91	3	Vertical	92	1.50
Mode 3	Pass	AV	13.68613G	52.76	68.20	-15.44	3	Vertical	39	1.82
Mode 3	Pass	PK	4.79626G	45.90	74.00	-28.10	3	Vertical	1	1.50
Mode 3	Pass	PK	4.87739G	46.93	74.00	-27.07	3	Vertical	40	2.25
Mode 3	Pass	PK	11.49468G	54.68	74.00	-19.32	3	Vertical	37	2.39
Mode 3	Pass	PK	12.34032G	56.68	74.00	-17.32	3	Vertical	92	1.50
Mode 3	Pass	PK	13.66806G	64.69	88.20	-23.51	3	Vertical	39	1.82

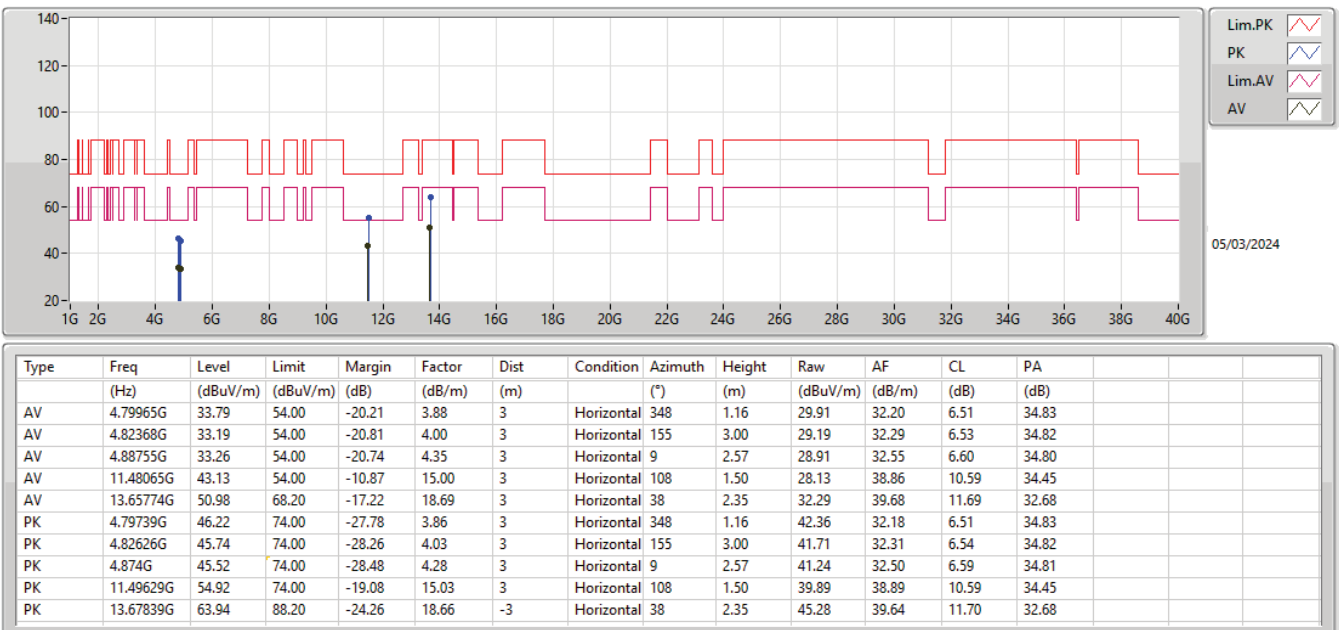


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 3	Pass	AV	4.79497G	33.86	54.00	-20.14	3	Horizontal	0	1.26
Mode 3	Pass	AV	4.88876G	33.81	54.00	-20.19	3	Horizontal	195	1.50
Mode 3	Pass	AV	11.48G	43.12	54.00	-10.88	3	Horizontal	39	2.98
Mode 3	Pass	AV	12.35194G	45.12	54.00	-8.88	3	Horizontal	276	2.38
Mode 3	Pass	AV	13.63839G	51.29	68.20	-16.91	3	Horizontal	33	2.20
Mode 3	Pass	PK	4.79497G	45.47	74.00	-28.53	3	Horizontal	0	1.26
Mode 3	Pass	PK	4.86384G	46.02	74.00	-27.98	3	Horizontal	195	1.50
Mode 3	Pass	PK	11.48968G	55.00	74.00	-19.00	3	Horizontal	39	2.98
Mode 3	Pass	PK	12.3829G	56.67	74.00	-17.33	3	Horizontal	276	2.38
Mode 3	Pass	PK	13.65774G	63.12	88.20	-25.08	3	Horizontal	33	2.20

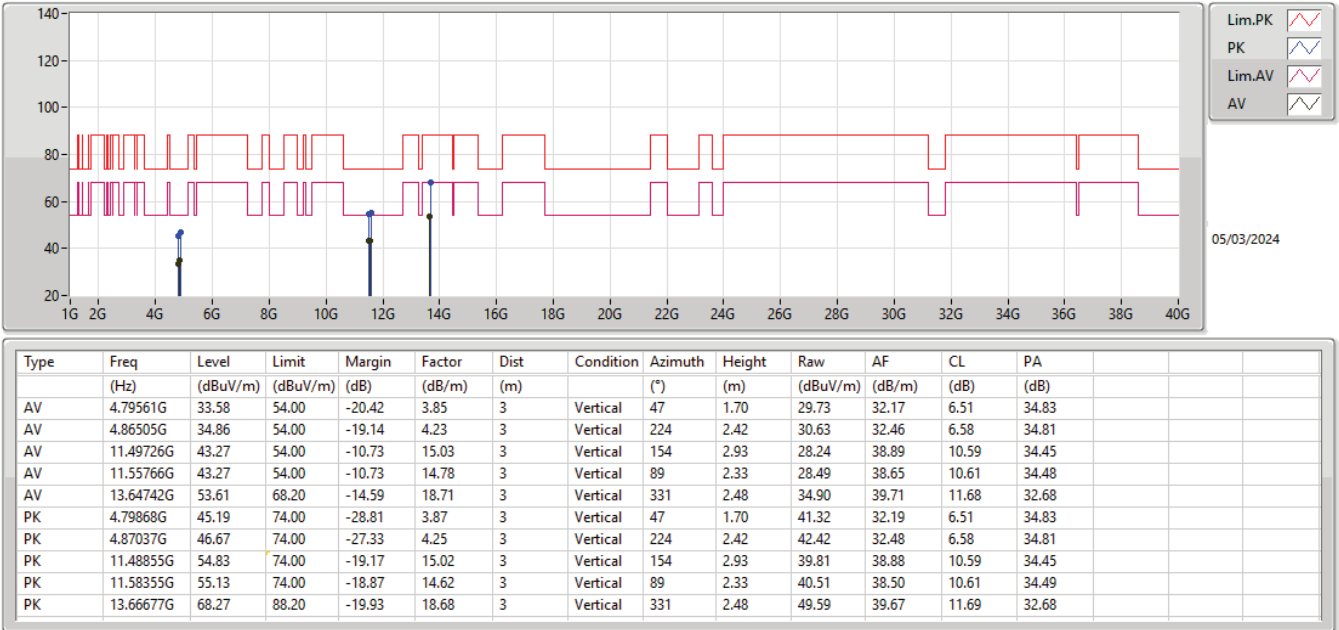
Radiated Emissions above 1GHz_Mode 1



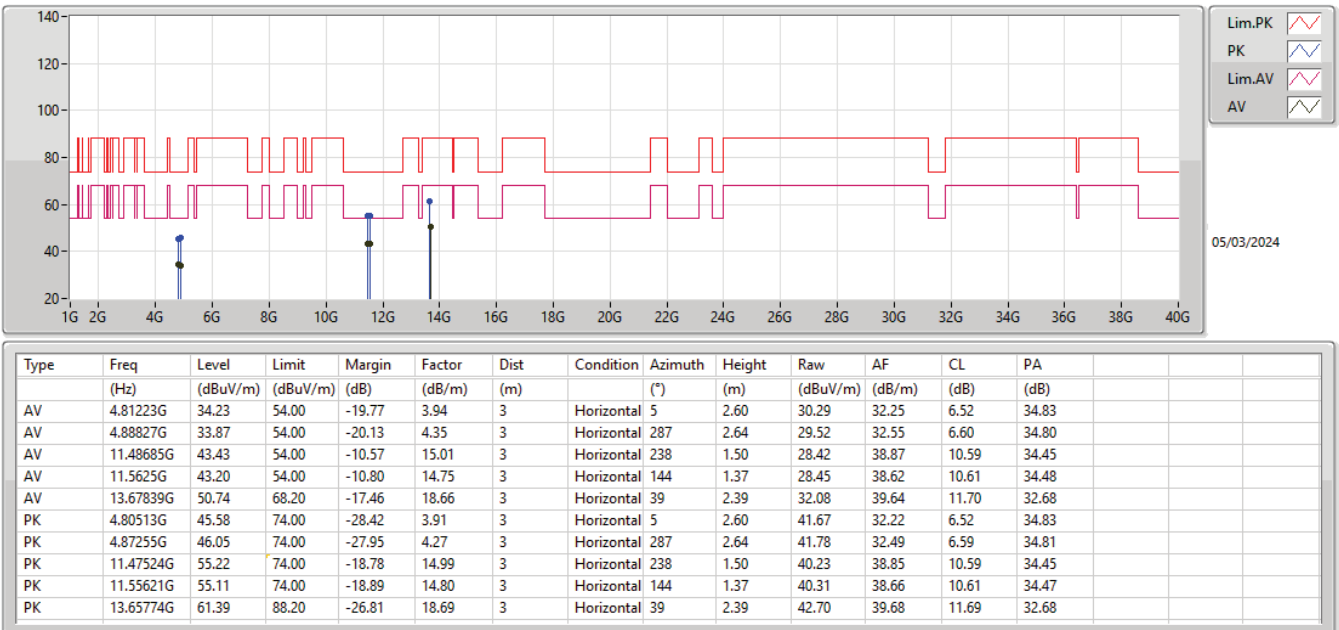
Radiated Emissions above 1GHz_Mode 1



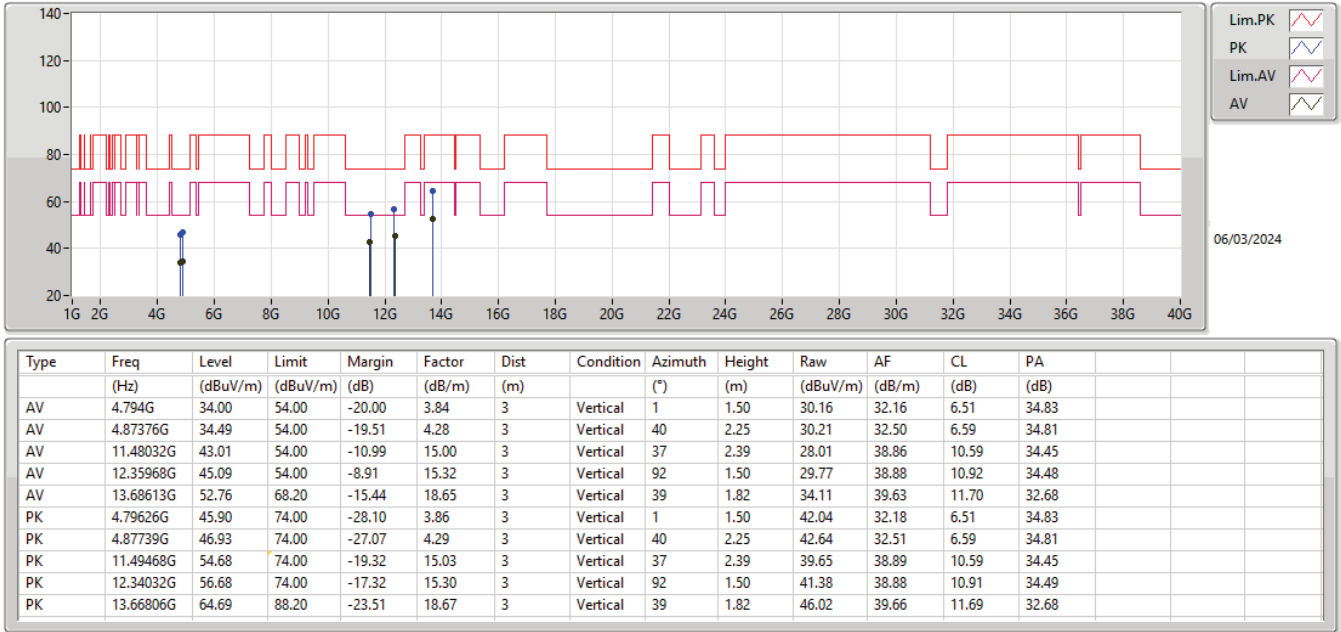
Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 3



Radiated Emissions above 1GHz_Mode 3

