



RADIO TEST REPORT

FCC ID : TLZ-XMA06
Equipment : IEEE 802.11 2X2 a/b/g/n/ac/ax WiFi 6/6E Wireless
LAN + Bluetooth 5.3 LGA Module
Brand Name : AzureWave
Model Name : AW-XMA06-T
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New
Taipei City , Taiwan 231
Manufacturer : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New
Taipei City , Taiwan 231
Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 01, 2025, and testing was started from Apr. 28, 2025 and completed on Jul. 25, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3



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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

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

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	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Set	Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1~3	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA	I-PEX	Note 1
2	1~3	ARISTOTLE	RFA-27-JP326-C198	PIFA	I-PEX	

Note 1:

Set	Ant.	Port	Gain (dBi)		
			WLAN 2.4GHz	Bluetooth	WLAN 5GHz / WLAN 6GHz
1	1	1	3.5	-	5
	2	2	3.5	-	5
	3	1	-	3.5	-
2	1	1	3.5	-	5
	2	2	3.5	-	5
	3	1	-	3.5	-

Note 2: The above information was declared by manufacturer.

Note 3: The EUT has two sets of antennas, each with three antennas. Because antenna sets 1 and 2 are the same type and gain, only antenna set 1 was tested.

Note 4:

For 2.4GHz function:**For IEEE 802.11 b/g/n/VHT/ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11a/n/ac/ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

Note 5: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{BAND}} \xi_{j,k} \right)^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{BAND}} \xi_{j,k} \right)^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{BAND}} \xi_{j,k} \right)^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{BAND}} \xi_{j,k} \right)^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 3.5 \text{ dBi} ; G2 = 3.5 \text{ dBi} ; DG = 6.51 \text{ dBi}$$

$$5G \text{ UNII-1} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-2A} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-2C} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-3} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$5G \text{ UNII-4} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-5} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-6} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-7} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

$$6G \text{ UNII-8} \ G1 = 5 \text{ dBi} ; G2 = 5 \text{ dBi} ; DG = 8.01 \text{ dBi}$$

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b	0.998	0.01	8.625m	10Hz (DC>=0.98)
802.11g	0.994	0.03	1.433m	10Hz (DC>=0.98)
802.11ax HEW20	0.993	0.03	1.046m	10Hz (DC>=0.98)
802.11ax HEW40	0.986	0.06	551.563u	10Hz (DC>=0.98)
802.11ax HEW20-BF	0.993	0.03	1.046m	10Hz (DC>=0.98)
802.11ax HEW40-BF	0.986	0.06	551.563u	10Hz (DC>=0.98)

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	DutApiMimoApApp_LABTOOL_UNIFIED.exe			

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2020

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

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Brian Sun	21~22.6 / 61~61	May 09, 2025~ Jul. 02, 2025
Radiated (Below 1GHz)	03CH01-CB	Nyle Chang	21.3~22.3 / 58~61	Jul. 24, 2025~ Jul. 25, 2025
Radiated (Above 1GHz)	03CH03-CB 03CH05-CB	Nyle Chang	21.6~23.1 / 58~62 21.5~22.9 / 57~60	Apr. 28, 2025~ May 21, 2025
Radiated (Co-location)	03CH01-CB	Nyle Chang	21.3~22.3 / 58~61	Jul. 24, 2025~ Jul. 25, 2025
AC Conduction	CO01-CB	Gray Lee	22~23 / 58~60	Jun. 13, 2025



1.4 Measurement Uncertainty

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

Test Date: Before May 28, 2025

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%

Test Date: After May 27, 2025

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz
2427MHz
2437MHz
2452MHz
802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz
2427MHz
2437MHz
2452MHz

Note:

- ♦ Evaluated HEW20/HEW40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.



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	EUT+WLAN 2.4GHz+Antenna set 1
2	EUT+Bluetooth+Antenna set 1
3	EUT+WLAN 5GHz+Antenna set 1
4	EUT+WLAN 6GHz+Antenna set 1
For operating mode 1 is the worst case and it was record in this test report.	

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
1	EUT+Antenna set 1



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 After evaluating, the worst case axis was found as below from the Radiated emission above 1GHz. So the measurement will follow this same test configuration.
1	EUT in Z axis+WLAN 2.4GHz+Antenna set 1
2	EUT in Z axis+Bluetooth+Antenna set 1
3	EUT in X axis+WLAN 5GHz+Antenna set 1
4	EUT in X axis+WLAN 6GHz+Antenna set 1
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX After evaluating, the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT in X axis for Harmonic+Antenna set 1 EUT in Z axis for Bandedge+Antenna set 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link After evaluating, the worst case axis was found as below from the Radiated emission above 1GHz. So the measurement will follow this same test configuration.
1	EUT in X axis+Bluetooth+WLAN 2.4GHz+Antenna set 1
2	EUT in X axis+Bluetooth+WLAN 5GHz+Antenna set 1
3	EUT in X axis+Bluetooth+WLAN 6GHz+Antenna set 1
For operating mode 1 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT+Bluetooth+WLAN 2.4GHz+Antenna set 1
2	EUT+Bluetooth+WLAN 5GHz+Antenna set 1
3	EUT+Bluetooth+WLAN 6GHz+Antenna set 1
Refer to Sporton Test Report No.: FA521125 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	Lenovo	X260	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	Fixture	Azurewave	2460-i11	N/A
E	Fixture	Azurewave	2A06-I3	N/A

For Radiated:

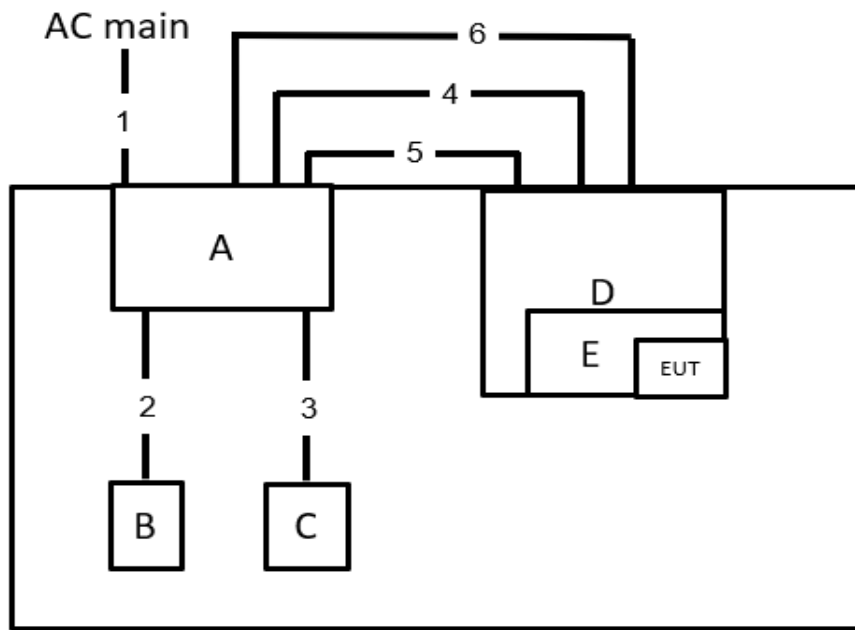
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	Azurewave	2460-i11	N/A
B	Fixture	Azurewave	2A06-I3	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

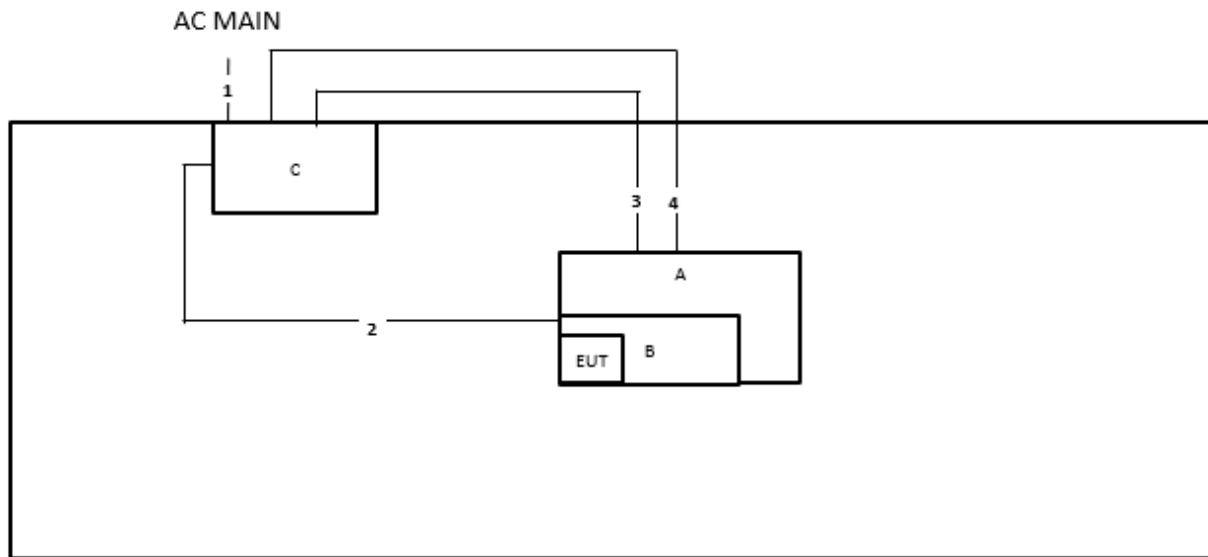
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	Azurewave	2A06-I3	N/A
C	Fixture	Azurewave	2460-i11	N/A

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Audio cable	No	1.2m
3	USB cable	Yes	1.8m
4	Type C USB cable	Yes	1.8m
5	Micro USB cable	Yes	1.5m
6	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	USB to Type C cable	Yes	0.3m
3	USB to Micro cable	Yes	0.7m
4	RJ-45 cable	No	1.5m



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.

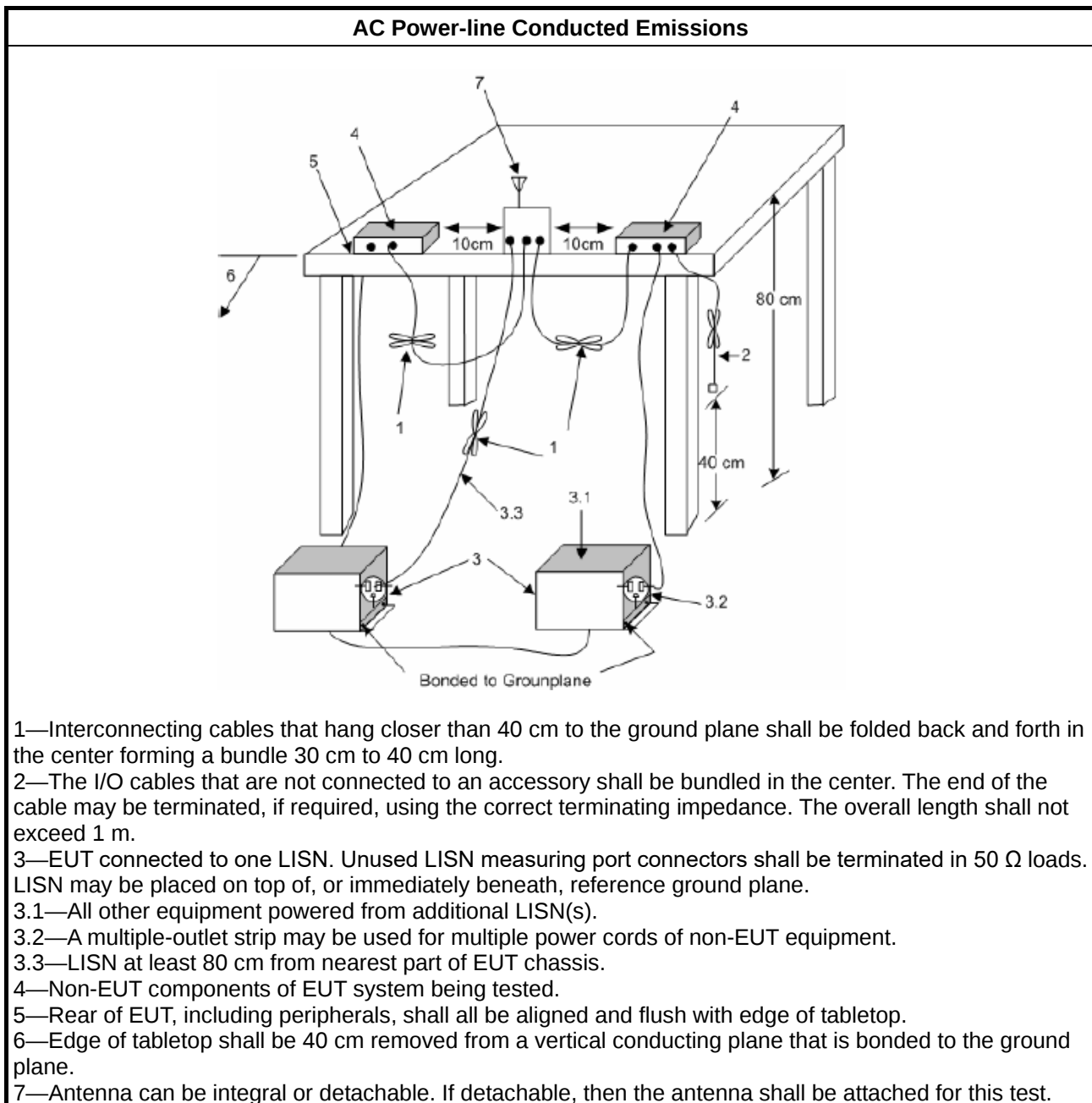
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

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.

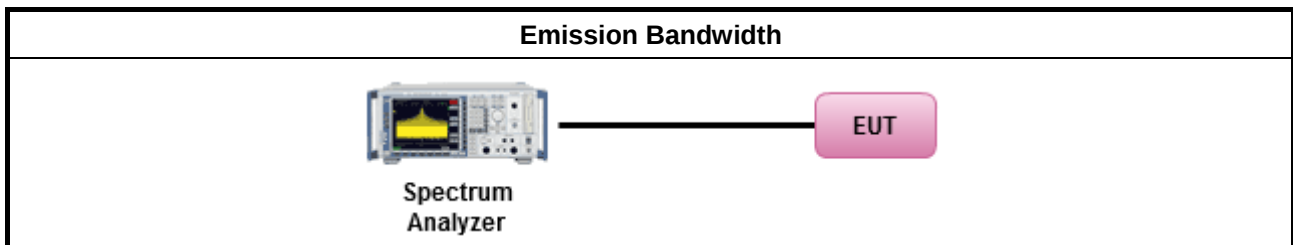
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 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
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

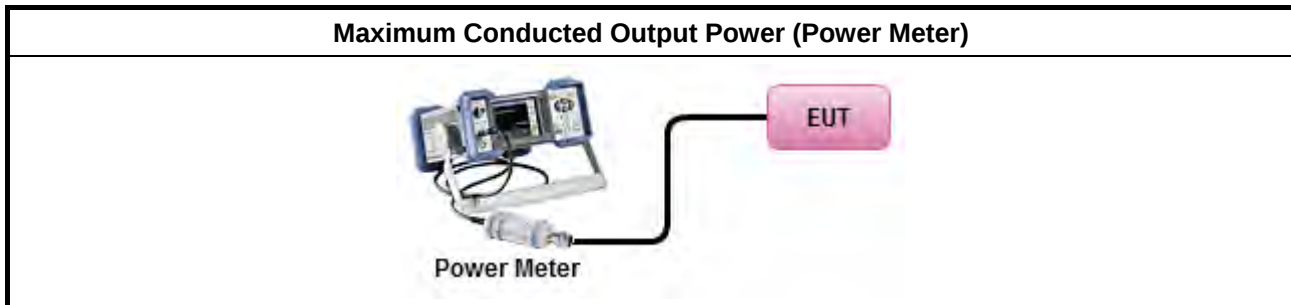
3.3.2 Measuring Instruments

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 FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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

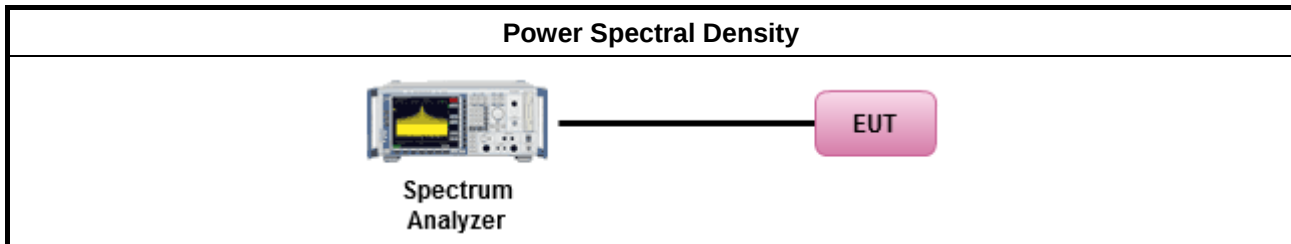
3.4.2 Measuring Instruments

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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.
▪ For conducted measurement.	
▪ If The EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

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 (dBc)
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 PSD 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 PSD level.	

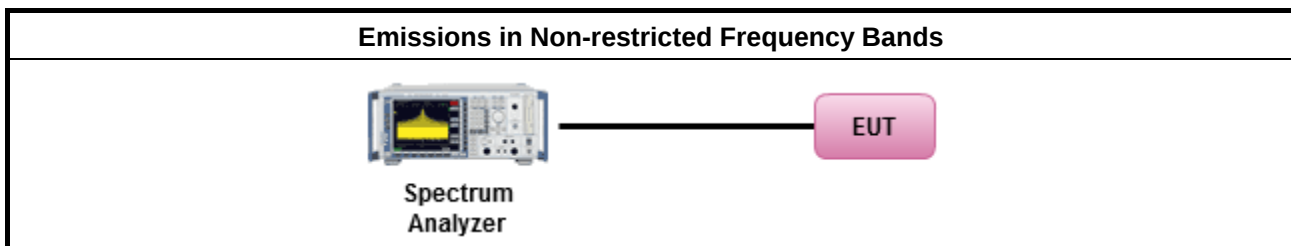
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted 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

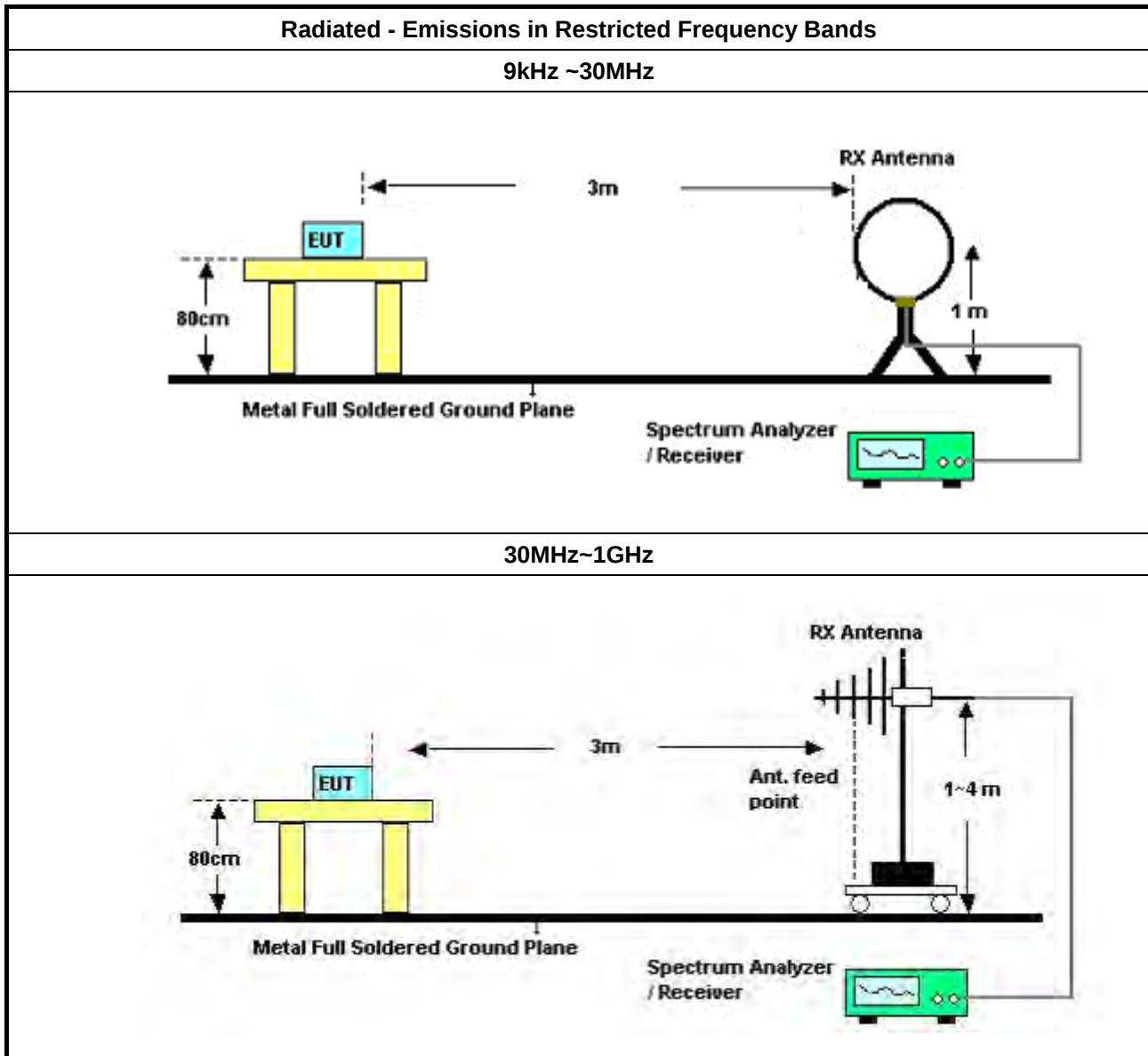
Refer a test equipment and calibration data table in this test report.

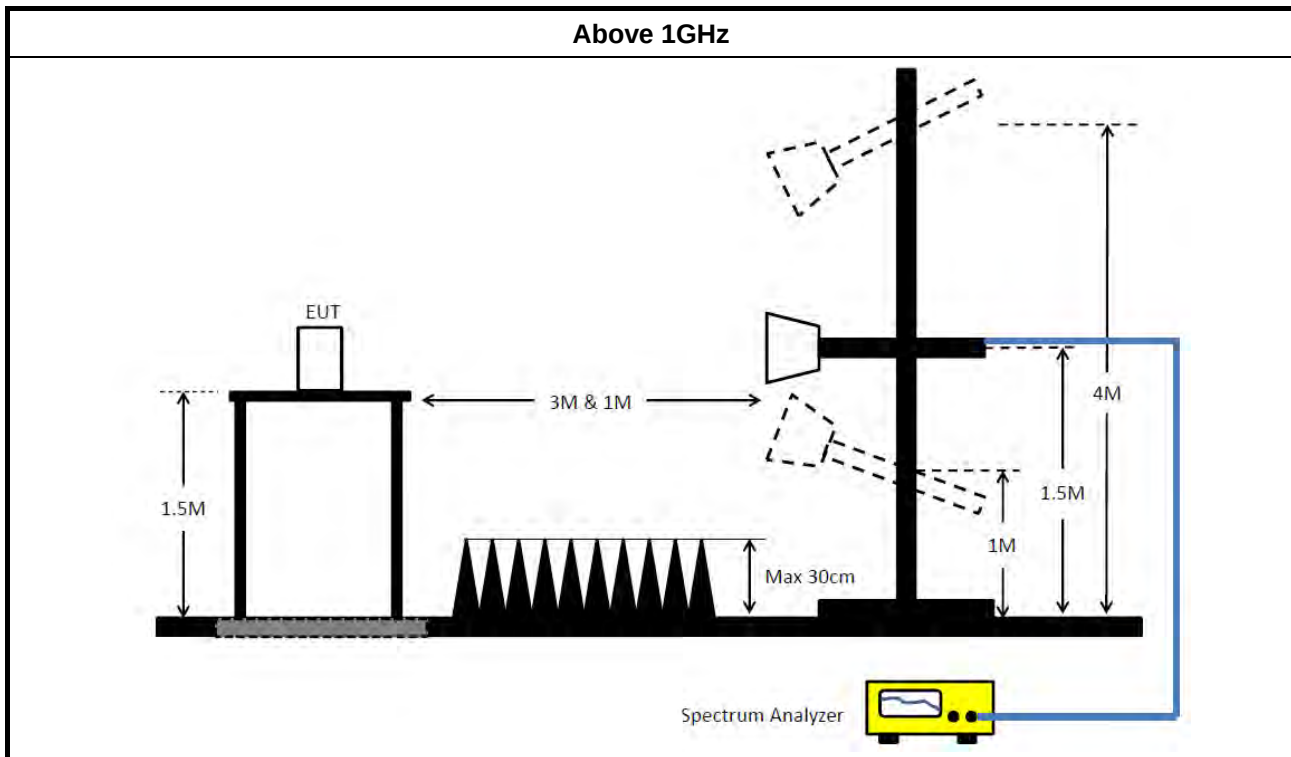


3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, 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 FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 18, 2025	Feb. 17, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz ~ 30MHz	Oct. 17, 2024	Oct. 16, 2025	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Amplifier	Agilent	8447D	2944A10259	30M~1GHz	Jan. 07, 2025	Jan. 06, 2026	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 16, 2025	May 15, 2026	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.25	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.25	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 02, 2025	Jan. 01, 2026	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.25	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



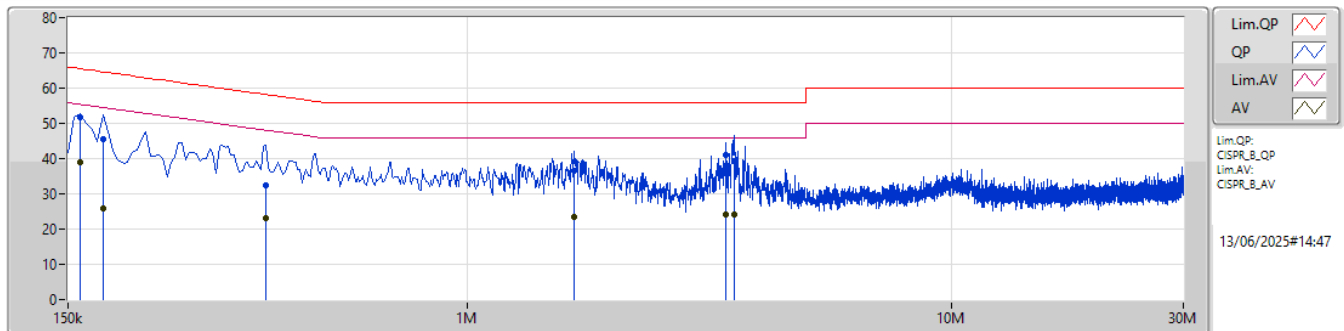
Conducted Emissions at Powerline

Appendix A

Summary

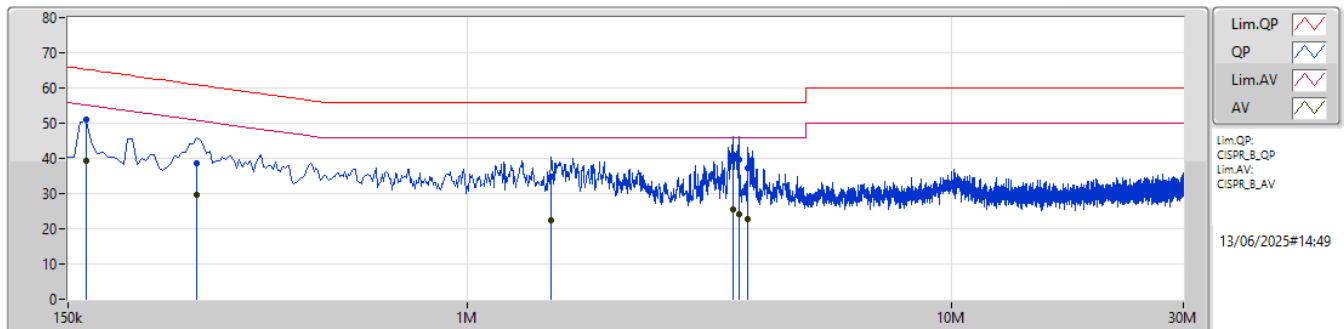
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	159k	51.67	65.52	-13.85	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	51.67	65.52	-13.85	10.05	Line	"Worst"	41.62	0.05	0.08	9.92						
AV	159k	38.89	55.52	-16.63	10.05	Line	-	28.84	0.05	0.08	9.92						
QP	177k	45.57	64.62	-19.05	10.06	Line	-	35.51	0.06	0.07	9.93						
AV	177k	25.81	54.62	-28.81	10.06	Line	-	15.75	0.06	0.07	9.93						
QP	384k	32.45	58.20	-25.75	10.20	Line	-	22.25	0.05	0.10	10.05						
AV	384k	23.21	48.20	-24.99	10.20	Line	-	13.01	0.05	0.10	10.05						
QP	1.662M	36.71	56.00	-19.29	10.23	Line	-	26.48	0.09	0.13	10.01						
AV	1.662M	23.57	46.00	-22.43	10.23	Line	-	13.34	0.09	0.13	10.01						
QP	3.413M	40.88	56.00	-15.12	10.18	Line	-	30.70	0.12	0.15	9.91						
AV	3.413M	24.12	46.00	-21.88	10.18	Line	-	13.94	0.12	0.15	9.91						
QP	3.552M	39.45	56.00	-16.55	10.18	Line	-	29.27	0.12	0.15	9.91						
AV	3.552M	24.11	46.00	-21.89	10.18	Line	-	13.93	0.12	0.15	9.91						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	51.08	65.27	-14.19	10.08	Neutral	"Worst"	41.00	0.08	0.08	9.92						
AV	163.5k	39.35	55.27	-15.92	10.08	Neutral	-	29.27	0.08	0.08	9.92						
QP	276k	38.67	60.93	-22.26	10.16	Neutral	-	28.51	0.08	0.08	10.00						
AV	276k	29.77	50.93	-21.16	10.16	Neutral	-	19.61	0.08	0.08	10.00						
QP	1.487M	35.00	56.00	-21.00	10.26	Neutral	-	24.74	0.10	0.12	10.04						
AV	1.487M	22.51	46.00	-23.49	10.26	Neutral	-	12.25	0.10	0.12	10.04						
QP	3.53M	40.89	56.00	-15.11	10.21	Neutral	-	30.68	0.15	0.15	9.91						
AV	3.53M	25.65	46.00	-20.35	10.21	Neutral	-	15.44	0.15	0.15	9.91						
QP	3.633M	39.60	56.00	-16.40	10.21	Neutral	-	29.39	0.15	0.15	9.91						
AV	3.633M	24.09	46.00	-21.91	10.21	Neutral	-	13.88	0.15	0.15	9.91						
QP	3.786M	37.24	56.00	-18.76	10.21	Neutral	-	27.03	0.16	0.15	9.90						
AV	3.786M	22.83	46.00	-23.17	10.21	Neutral	-	12.62	0.16	0.15	9.90						

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	8.6M	12.131M	12M1G1D	8.1M	11.694M
802.11g_Nss1,(6Mbps)_2TX	16.55M	16.686M	16M7D1D	16.4M	16.582M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.775M	18.905M	18M9D1D	18.35M	18.822M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.6M	37.651M	37M7D1D	36.95M	37.388M

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

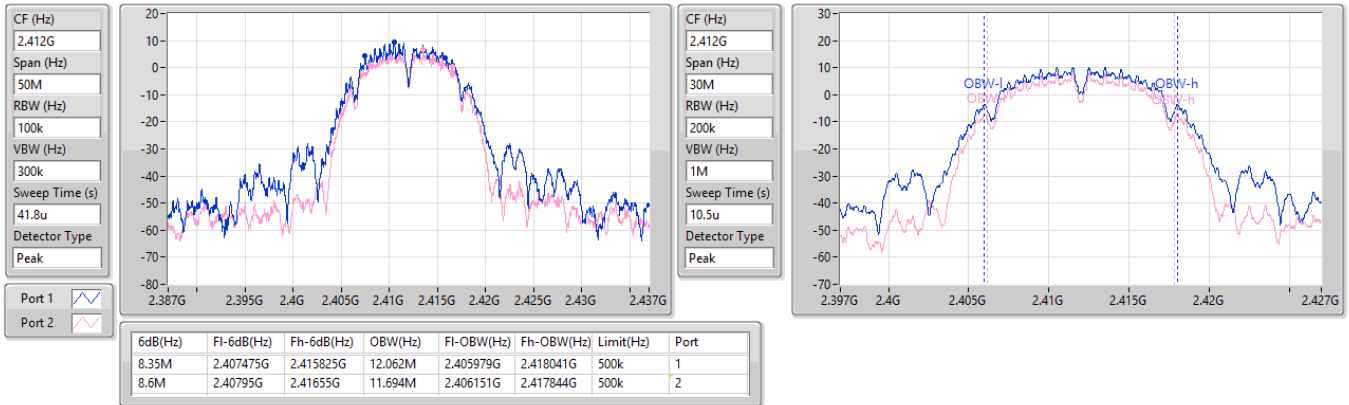
Result

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	8.35M	12.062M	8.6M	11.694M
2437MHz	Pass	500k	8.5M	12.108M	8.4M	11.883M
2462MHz	Pass	500k	8.575M	12.131M	8.1M	11.879M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.5M	16.686M	16.525M	16.582M
2437MHz	Pass	500k	16.525M	16.666M	16.55M	16.641M
2462MHz	Pass	500k	16.5M	16.68M	16.4M	16.584M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.575M	18.905M	18.7M	18.879M
2437MHz	Pass	500k	18.775M	18.846M	18.7M	18.861M
2462MHz	Pass	500k	18.35M	18.839M	18.375M	18.822M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.55M	37.651M	36.95M	37.388M
2437MHz	Pass	500k	37.5M	37.419M	37.6M	37.593M
2452MHz	Pass	500k	37.6M	37.644M	37.45M	37.459M

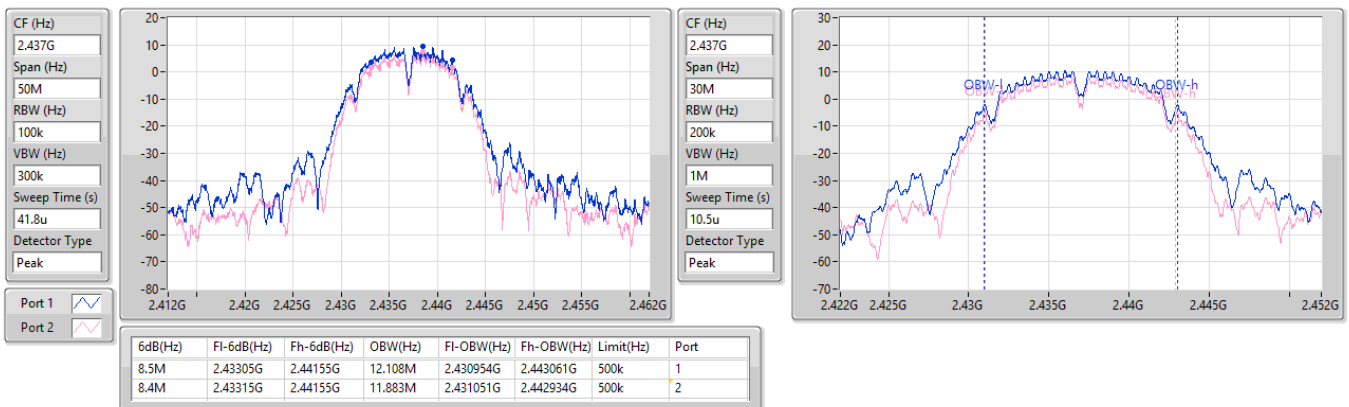
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

02/07/2025

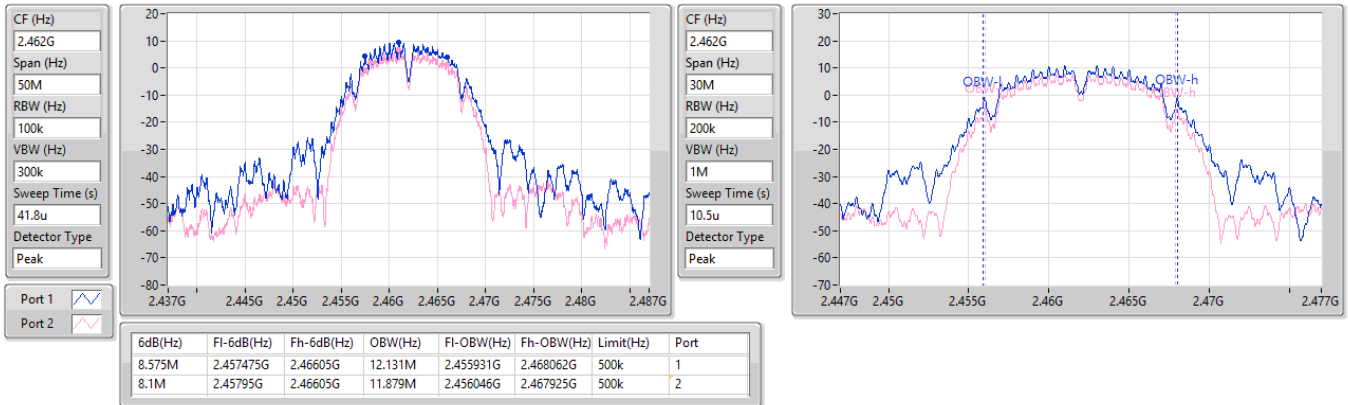

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

02/07/2025

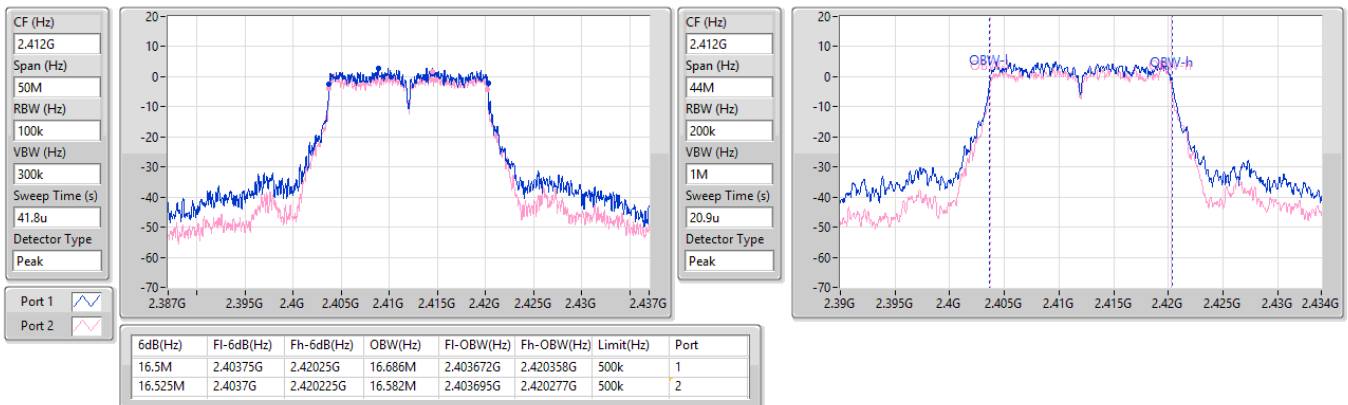


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

02/07/2025


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

02/07/2025

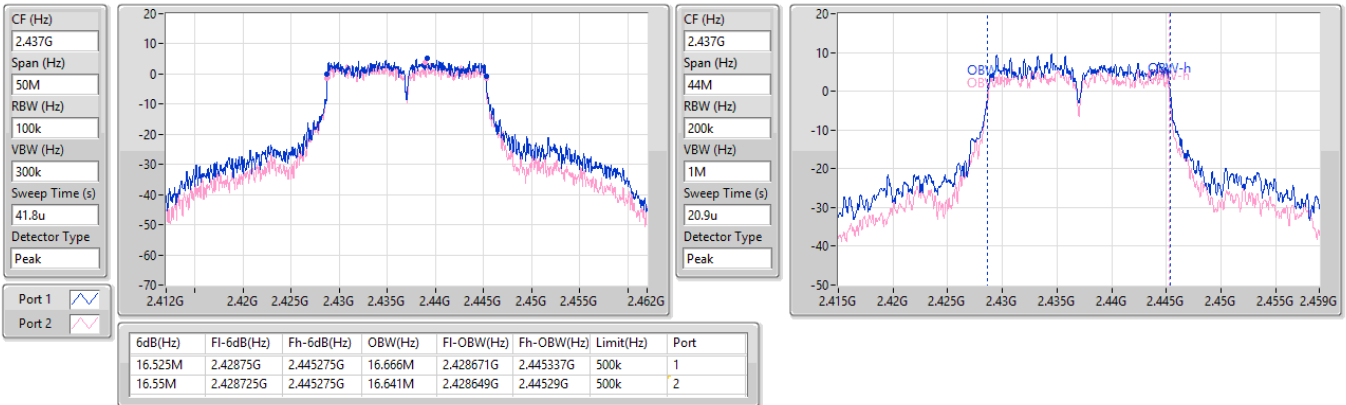


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

02/07/2025

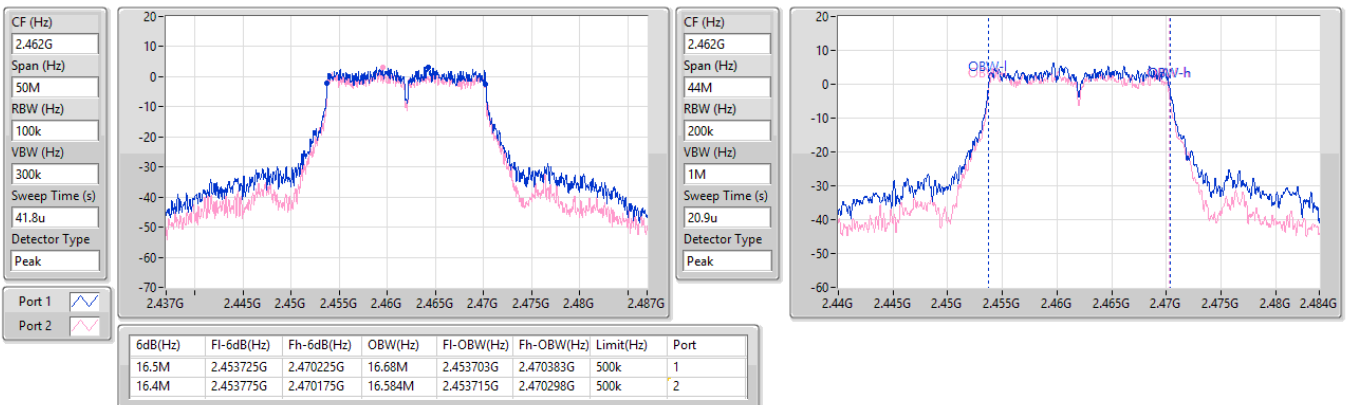


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

02/07/2025

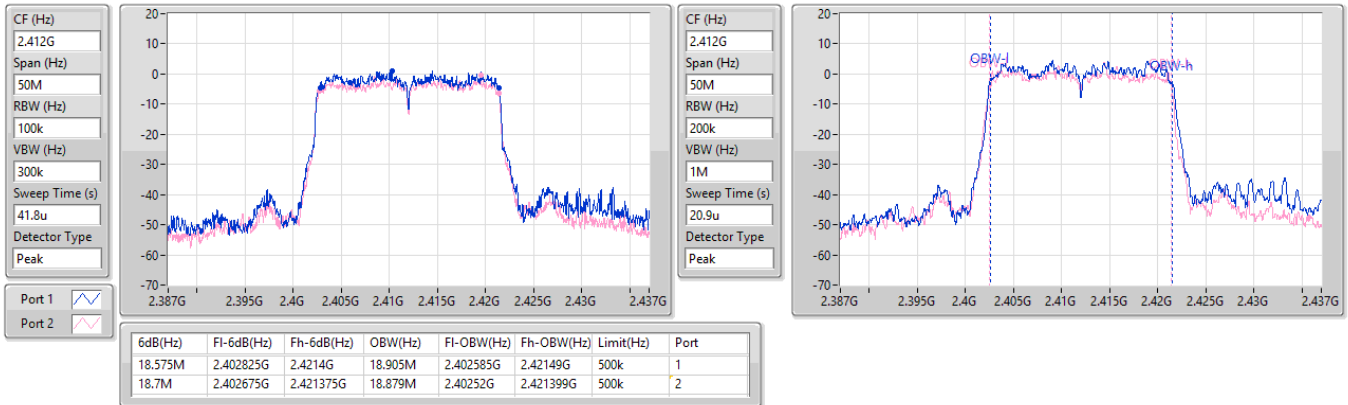


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

02/07/2025

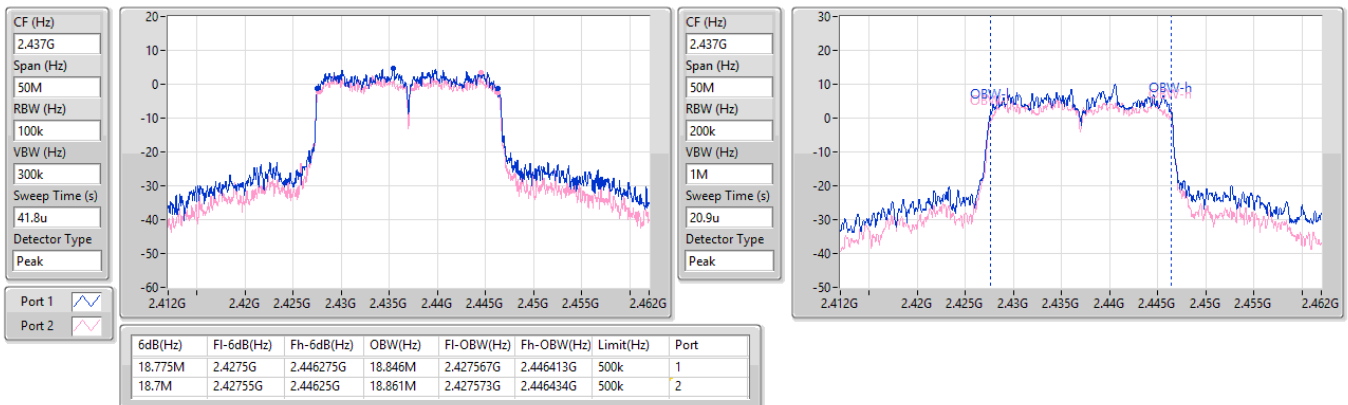


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

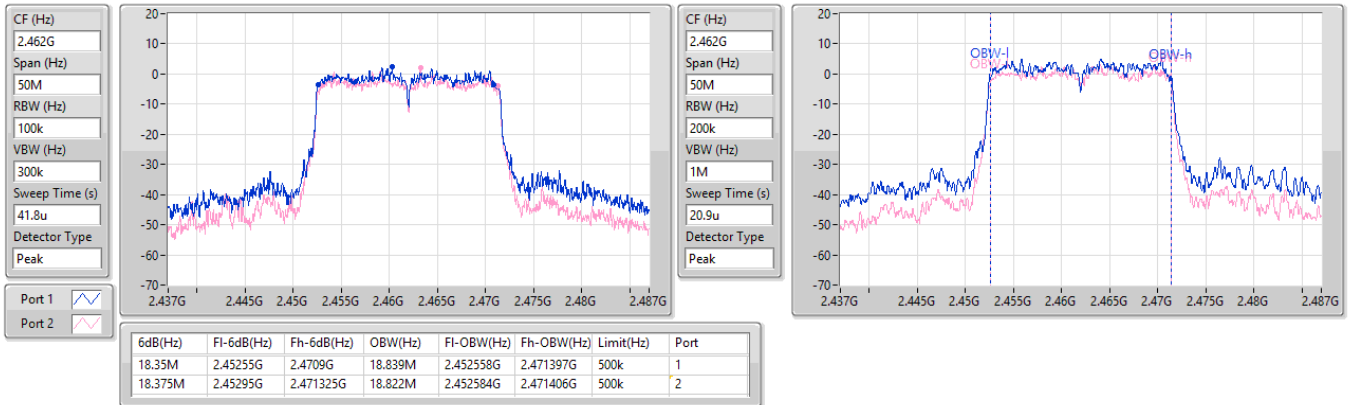
2437MHz

02/07/2025

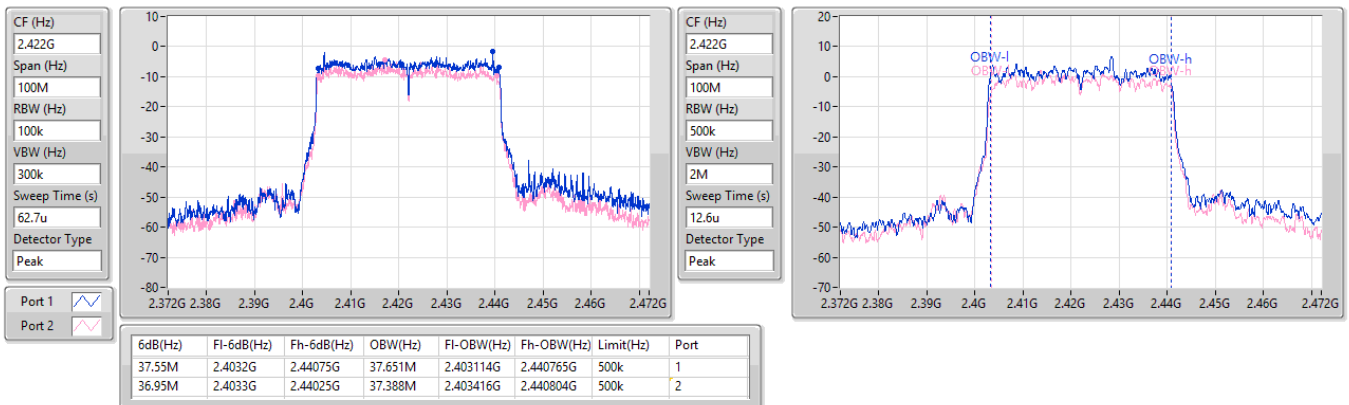


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2462MHz

02/07/2025


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2422MHz

02/07/2025

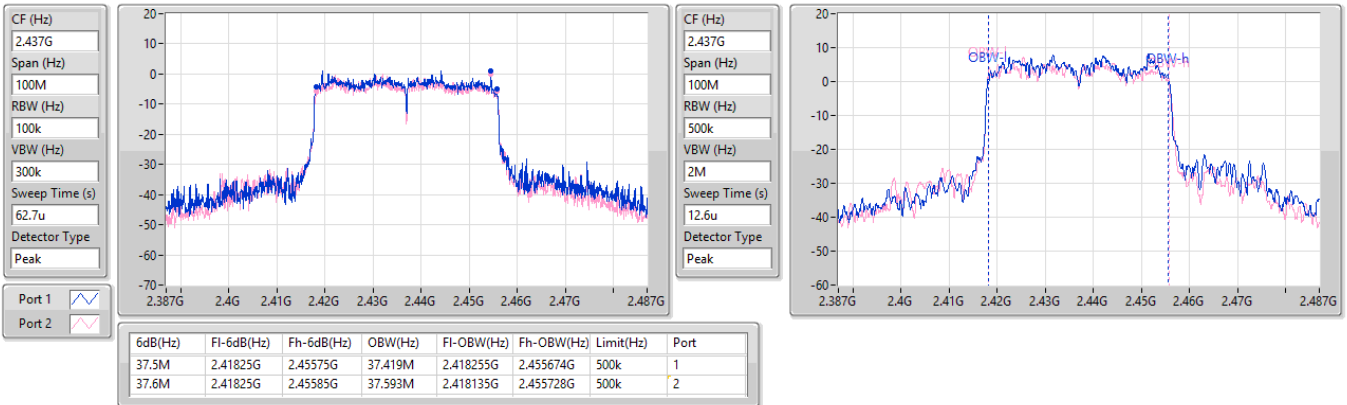


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

02/07/2025

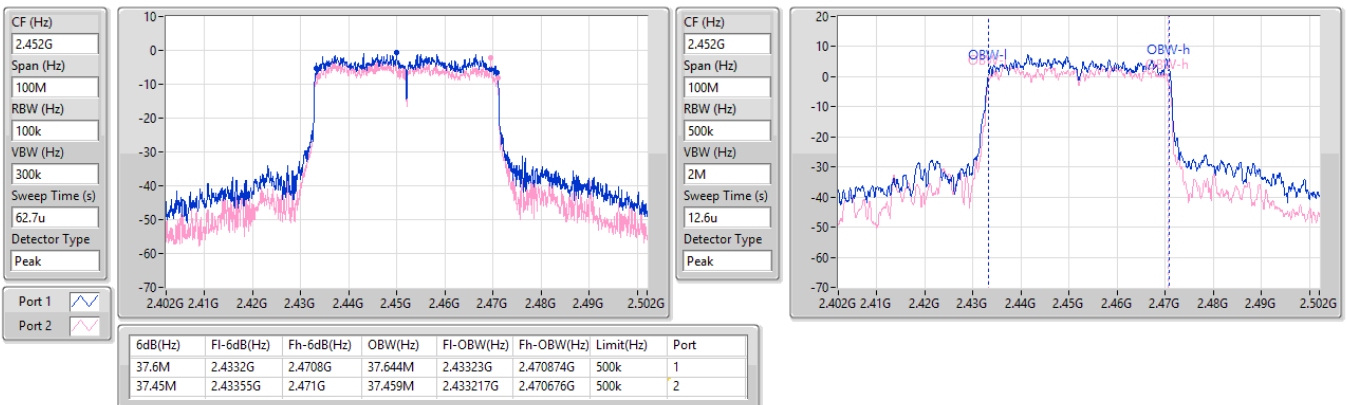


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

02/07/2025



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	21.77	0.15031
802.11g_Nss1,(6Mbps)_2TX	21.43	0.13900
802.11ax HEW20_Nss1,(MCS0)_2TX	21.36	0.13677
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.36	0.13677
802.11ax HEW40_Nss1,(MCS0)_2TX	19.99	0.09977
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.99	0.09977

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	19.06	16.43	20.95	30.00
2437MHz	Pass	3.50	19.85	17.31	21.77	30.00
2462MHz	Pass	3.50	19.28	16.62	21.16	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	16.91	15.43	19.24	30.00
2417MHz	Pass	3.50	17.37	15.79	19.66	30.00
2437MHz	Pass	3.50	19.08	17.64	21.43	30.00
2462MHz	Pass	3.50	17.28	15.85	19.63	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	15.58	13.96	17.86	30.00
2417MHz	Pass	3.50	16.87	15.29	19.16	30.00
2437MHz	Pass	3.50	19.02	17.55	21.36	30.00
2457MHz	Pass	3.50	17.32	15.94	19.69	30.00
2462MHz	Pass	3.50	16.27	14.88	18.64	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.50	14.45	11.82	16.34	30.00
2427MHz	Pass	3.50	17.74	16.05	19.99	30.00
2437MHz	Pass	3.50	17.15	16.32	19.77	30.00
2452MHz	Pass	3.50	16.57	14.6	18.71	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	15.58	13.96	17.86	29.49
2417MHz	Pass	6.51	16.87	15.29	19.16	29.49
2437MHz	Pass	6.51	19.02	17.55	21.36	29.49
2457MHz	Pass	6.51	17.32	15.94	19.69	29.49
2462MHz	Pass	6.51	16.27	14.88	18.64	29.49
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.51	14.45	11.82	16.34	29.49
2427MHz	Pass	6.51	17.74	16.05	19.99	29.49
2437MHz	Pass	6.51	17.15	16.32	19.77	29.49
2452MHz	Pass	6.51	16.57	14.6	18.71	29.49

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.81
802.11g_Nss1,(6Mbps)_2TX	-5.10
802.11ax HEW20_Nss1,(MCS0)_2TX	-6.73
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.32

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	6.51	-5.45	-7.54	-3.81	7.49
2437MHz	Pass	6.51	-5.42	-7.56	-4.58	7.49
2462MHz	Pass	6.51	-5.82	-8.27	-4.90	7.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-9.54	-11.36	-8.61	7.49
2437MHz	Pass	6.51	-6.97	-7.28	-5.10	7.49
2462MHz	Pass	6.51	-9.31	-10.61	-8.13	7.49
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-11.05	-13.37	-10.75	7.49
2437MHz	Pass	6.51	-7.97	-9.47	-6.73	7.49
2462MHz	Pass	6.51	-11.09	-12.26	-9.85	7.49
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.51	-14.64	-17.25	-13.22	7.49
2437MHz	Pass	6.51	-12.07	-13.07	-10.32	7.49
2452MHz	Pass	6.51	-12.47	-14.79	-12.06	7.49

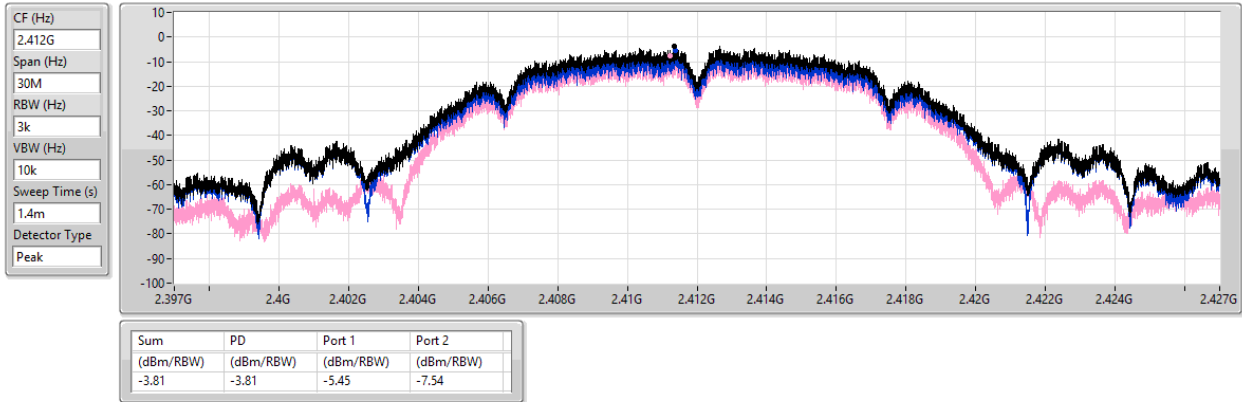
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

02/07/2025

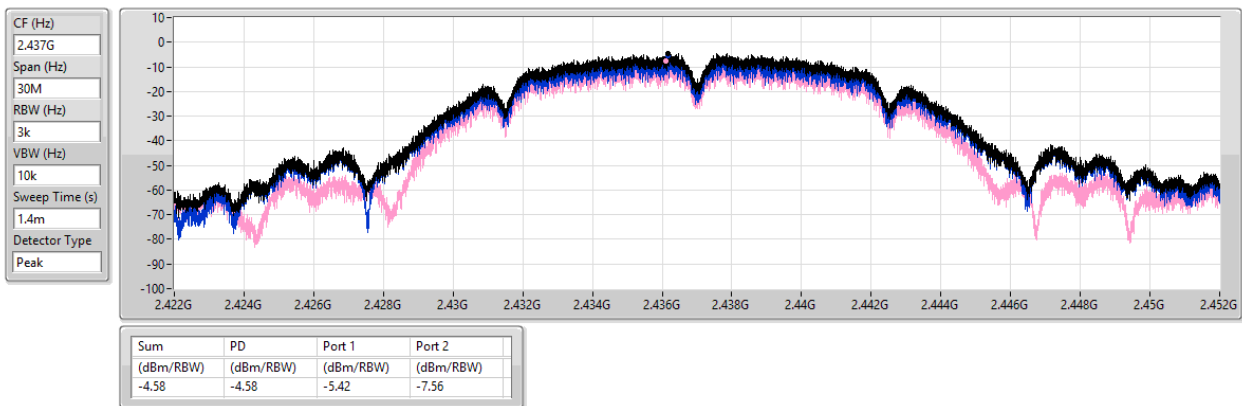


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

02/07/2025

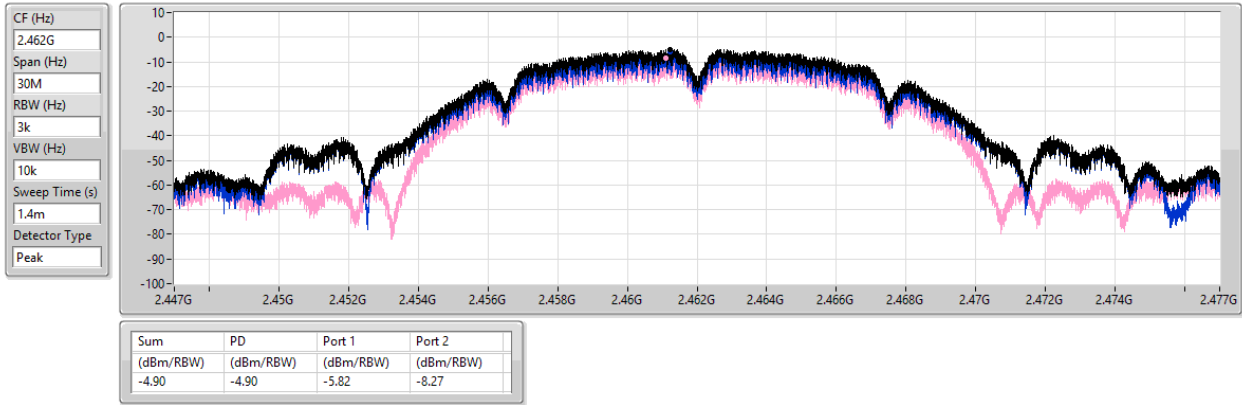


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

02/07/2025

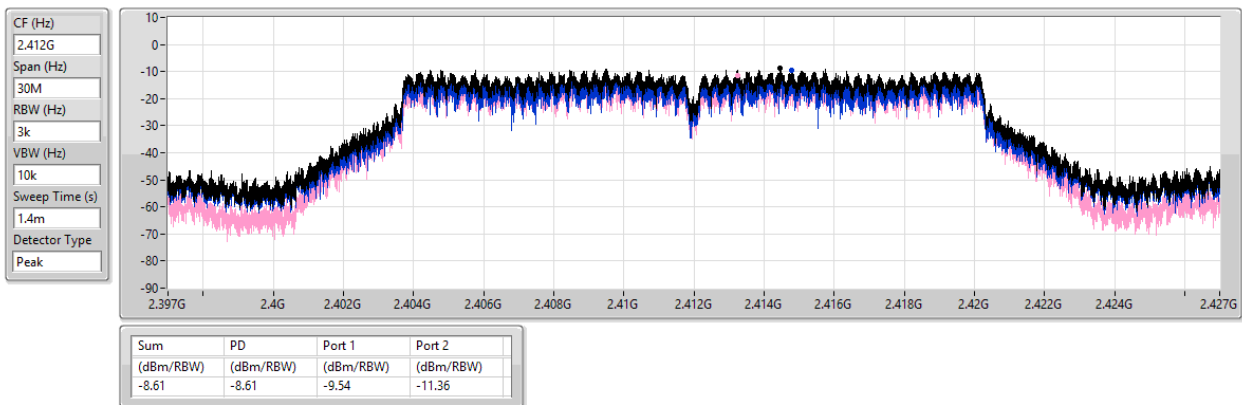


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

02/07/2025

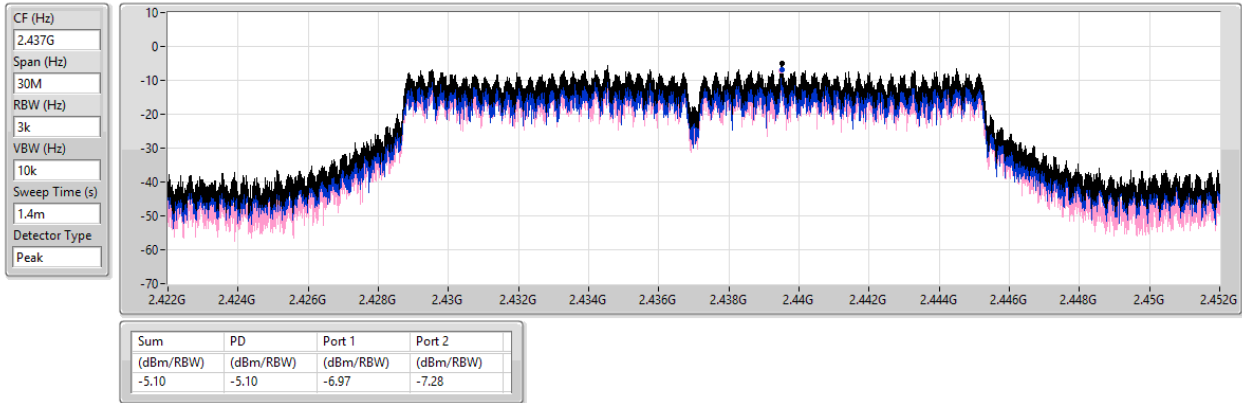


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

02/07/2025

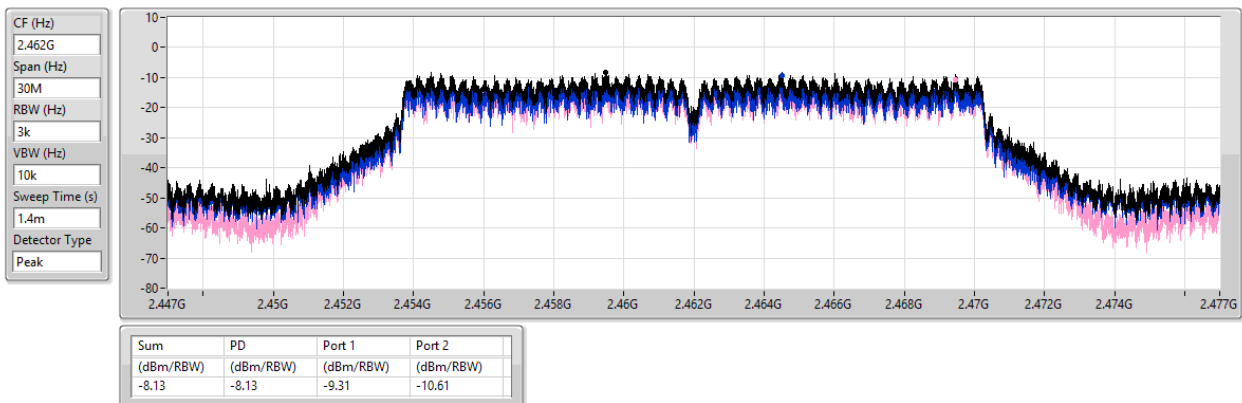


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

02/07/2025

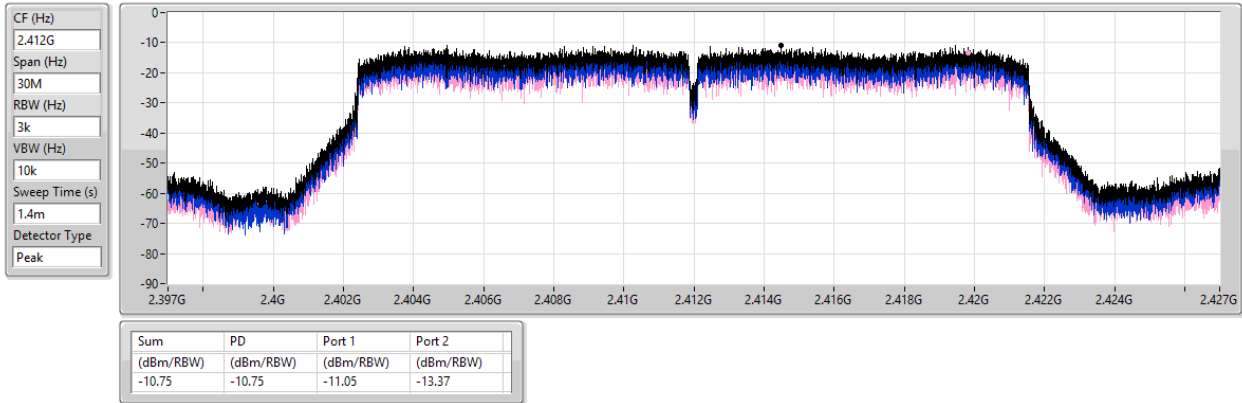


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

02/07/2025

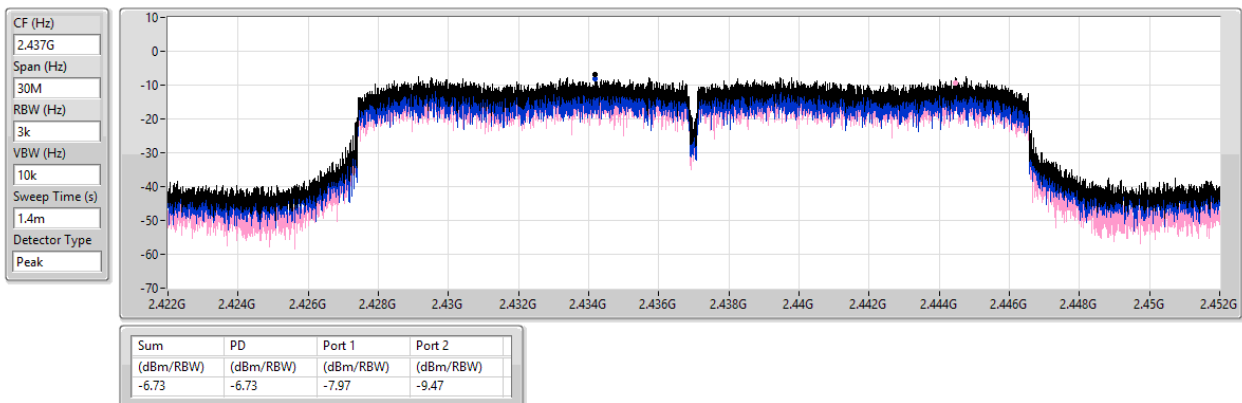


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

02/07/2025

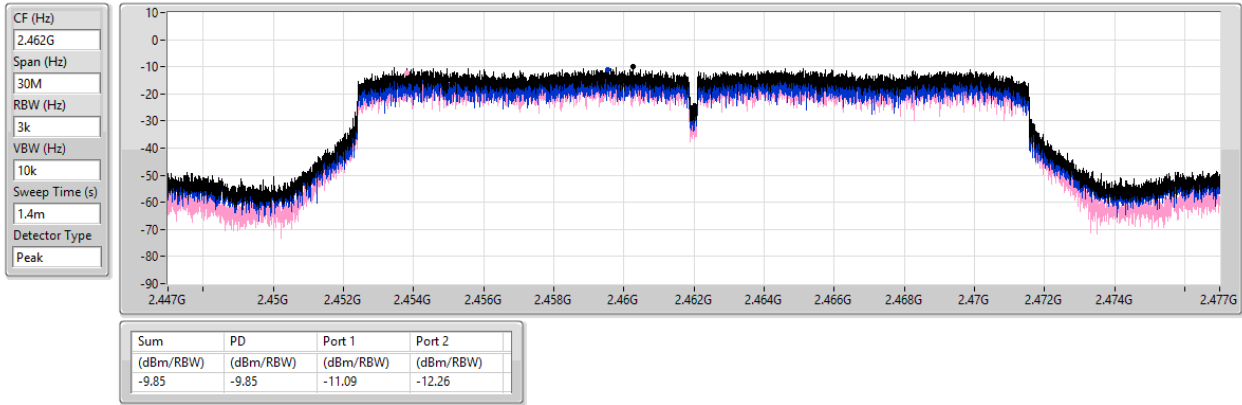


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

02/07/2025

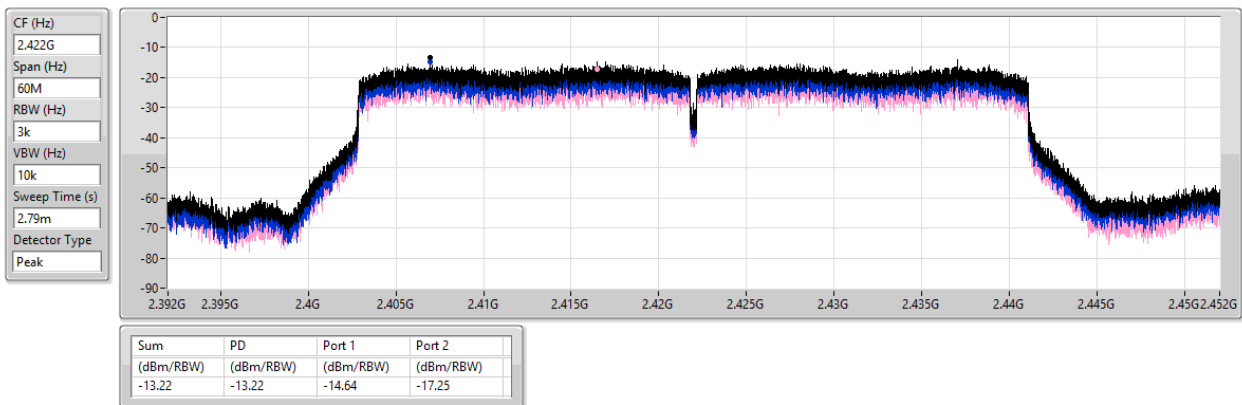


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

02/07/2025

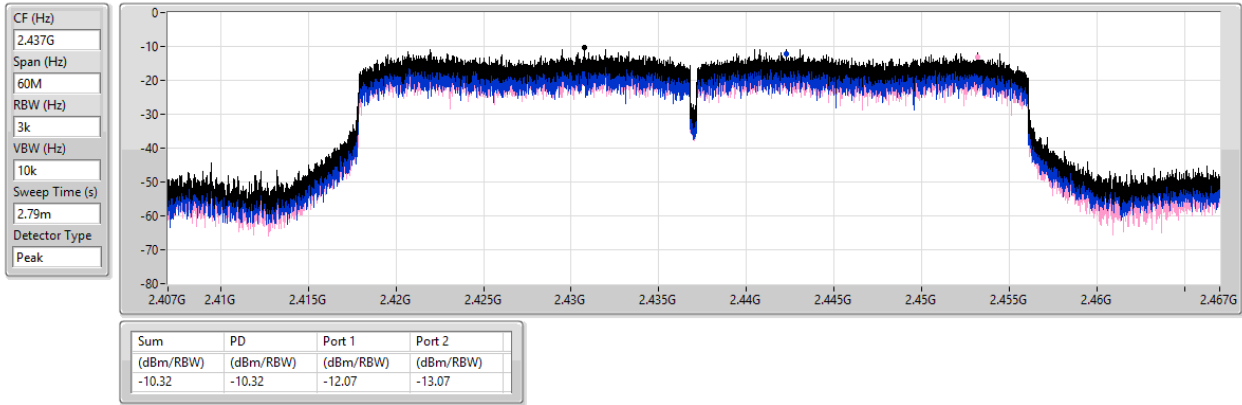


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

02/07/2025

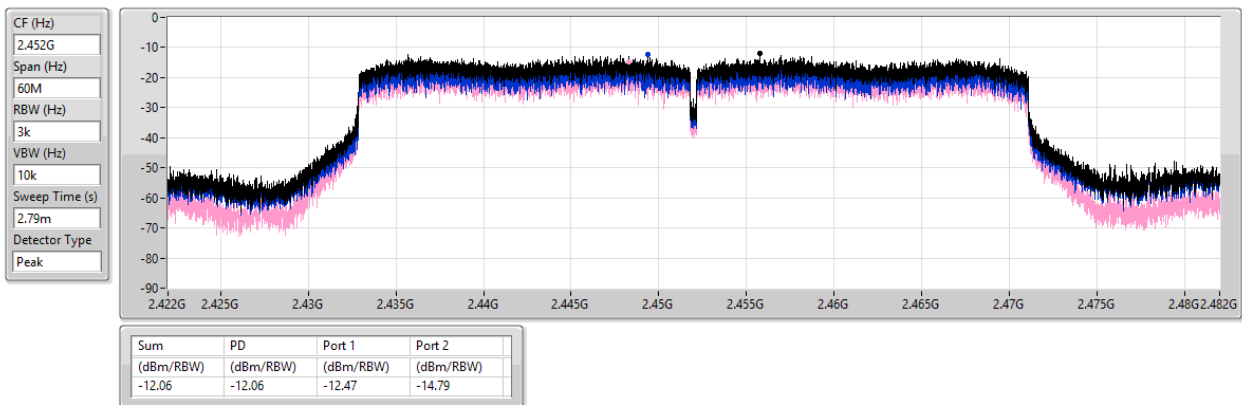


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

02/07/2025





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1(1Mbps)_2TX	Pass	2.43607G	10.28	-19.72	1.93361G	-54.25	2.4G	-30.99	2.4G	-30.71	2.51734G	-53.77	21.63976G	-47.68	1
802.11g_Nss1(6Mbps)_2TX	Pass	2.44459G	8.30	-21.70	1.89167G	-54.46	2.39728G	-29.39	2.4G	-31.57	2.51718G	-54.14	21.61448G	-47.80	1
802.11ax HEW20_Nss1(MCS0)_2TX	Pass	2.43941G	8.52	-21.48	2.12933G	-53.91	2.39328G	-36.64	2.4G	-44.26	2.50174G	-53.40	21.71843G	-47.65	1
802.11ax HEW40_Nss1(MCS0)_2TX	Pass	2.4319G	3.70	-26.30	2.30855G	-53.58	2.39824G	-28.80	2.4G	-33.46	2.50062G	-46.61	21.96546G	-48.15	1

Result

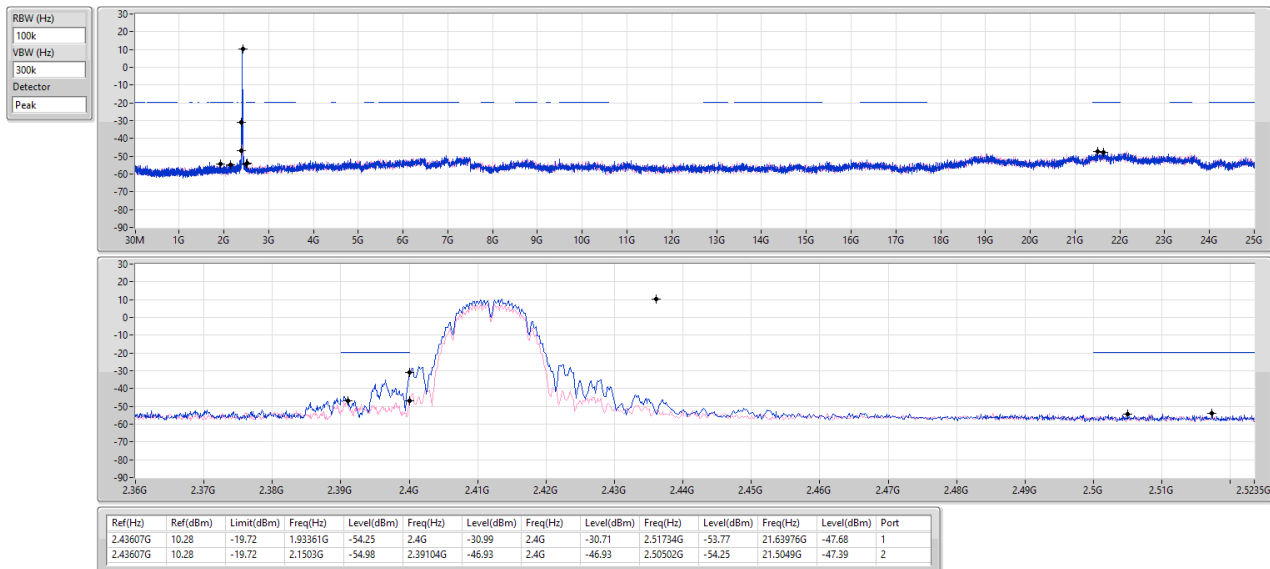
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	10.28	-19.72	1.93361G	-54.25	2.4G	-30.99	2.4G	-30.71	2.51734G	-53.77	21.63976G	-47.68	1
2412MHz	Pass	2.43607G	10.28	-19.72	2.1503G	-54.98	2.39104G	-46.93	2.4G	-46.93	2.50502G	-54.25	21.5049G	-47.39	2
2437MHz	Pass	2.43607G	10.28	-19.72	97.57M	-53.94	2.39552G	-52.07	2.4G	-53.46	2.5135G	-52.59	21.5049G	-48.22	1
2437MHz	Pass	2.43607G	10.28	-19.72	2.19341G	-54.19	2.39792G	-52.62	2.4G	-54.21	2.5091G	-54.70	21.57795G	-46.95	2
2462MHz	Pass	2.43607G	10.28	-19.72	1.8043G	-54.11	2.39448G	-53.71	2.4G	-56.83	2.50102G	-48.75	21.6791G	-47.57	1
2462MHz	Pass	2.43607G	10.28	-19.72	2.18642G	-54.76	2.39792G	-54.49	2.4G	-56.61	2.52214G	-53.95	23.20188G	-47.99	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44459G	8.30	-21.70	1.89167G	-54.46	2.39728G	-29.39	2.4G	-31.57	2.51718G	-54.14	21.61448G	-47.80	1
2412MHz	Pass	2.44459G	8.30	-21.70	2.18409G	-54.15	2.39704G	-36.30	2.4G	-42.22	2.5107G	-54.70	21.62291G	-47.69	2
2437MHz	Pass	2.44459G	8.30	-21.70	1.86604G	-54.37	2.39952G	-42.49	2.4G	-42.22	2.50654G	-50.82	21.60605G	-47.57	1
2437MHz	Pass	2.44459G	8.30	-21.70	2.12817G	-54.63	2.39792G	-47.85	2.4G	-47.54	2.5003G	-53.44	21.45995G	-47.54	2
2462MHz	Pass	2.44459G	8.30	-21.70	2.16079G	-54.94	2.39328G	-52.99	2.4G	-54.57	2.50014G	-48.18	21.46838G	-47.62	1
2462MHz	Pass	2.44459G	8.30	-21.70	1.81478G	-54.28	2.3964G	-53.79	2.4G	-56.04	2.50174G	-52.40	21.62853G	-47.58	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	8.52	-21.48	2.12933G	-53.91	2.39328G	-36.64	2.4G	-44.26	2.50174G	-53.40	21.71843G	-47.65	1
2412MHz	Pass	2.43941G	8.52	-21.48	285.14M	-54.59	2.39704G	-39.65	2.4G	-44.67	2.5019G	-54.35	21.87858G	-48.58	2
2437MHz	Pass	2.43941G	8.52	-21.48	2.30874G	-53.62	2.3956G	-40.40	2.4G	-41.47	2.50118G	-51.42	21.42624G	-47.50	1
2437MHz	Pass	2.43941G	8.52	-21.48	2.30641G	-54.34	2.39424G	-44.87	2.4G	-47.08	2.5019G	-52.63	21.48243G	-48.05	2
2462MHz	Pass	2.43941G	8.52	-21.48	1.76935G	-53.88	2.39336G	-53.54	2.4G	-55.87	2.50046G	-48.81	21.49367G	-47.70	1
2462MHz	Pass	2.43941G	8.52	-21.48	2.13632G	-54.50	2.39152G	-53.69	2.4G	-56.31	2.50254G	-52.91	21.58638G	-47.56	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4319G	3.70	-26.30	1.88605G	-54.22	2.39712G	-38.90	2.4G	-36.17	2.5451G	-53.37	21.54197G	-48.02	1
2422MHz	Pass	2.4319G	3.70	-26.30	2.14024G	-54.50	2.4G	-43.21	2.4G	-42.30	2.51886G	-54.81	21.61209G	-48.11	2
2437MHz	Pass	2.4319G	3.70	-26.30	2.30855G	-53.58	2.39824G	-28.80	2.4G	-33.46	2.50062G	-46.61	21.96546G	-48.15	1
2437MHz	Pass	2.4319G	3.70	-26.30	1.81162G	-54.69	2.39872G	-32.89	2.4G	-36.78	2.50014G	-50.92	21.49991G	-48.27	2
2452MHz	Pass	2.4319G	3.70	-26.30	2.16657G	-53.96	2.3984G	-41.44	2.4G	-45.63	2.50062G	-39.28	21.56722G	-47.58	1
2452MHz	Pass	2.4319G	3.70	-26.30	2.01543G	-53.84	2.39904G	-47.87	2.4G	-47.38	2.50062G	-46.95	21.59246G	-48.08	2

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

CSEndB

2412MHz

02/07/2025

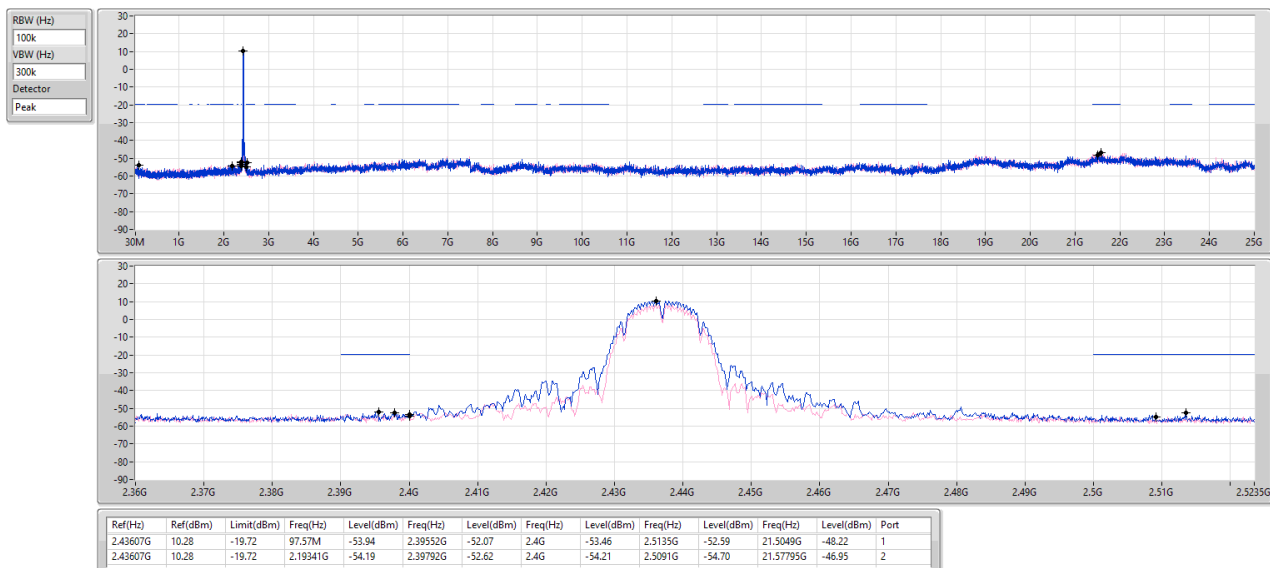


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

02/07/2025



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

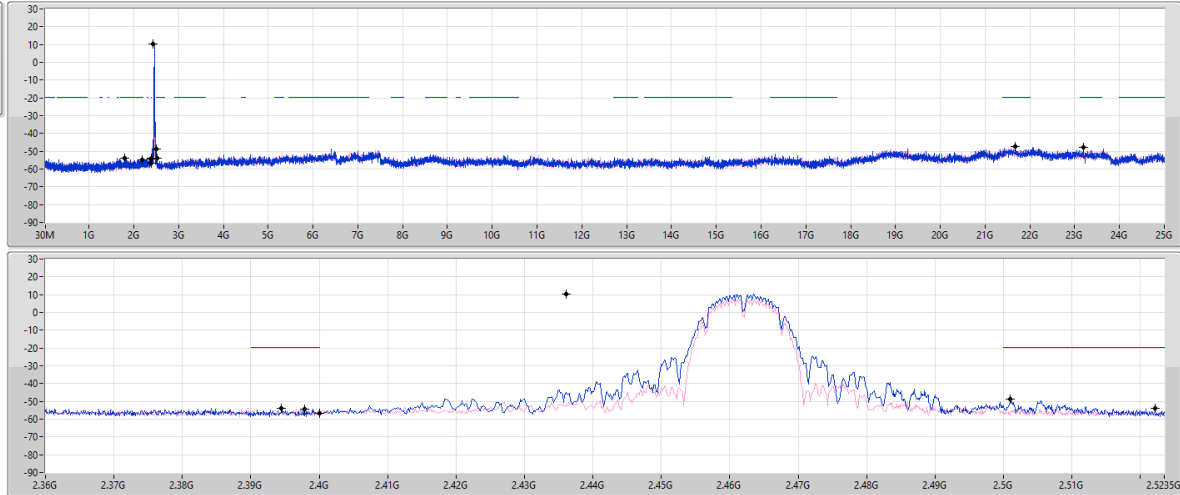
CSEndB

2462MHz

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

02/07/2025

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
2.43607G	10.28	-19.72	1.8043G	-54.11	2.39448G	-53.71	2.4G	-56.83	2.50102G	-48.75	21.6791G	-47.57	1
2.43607G	10.28	-19.72	2.18642G	-54.76	2.39792G	-54.49	2.4G	-56.61	2.52214G	-53.95	23.20188G	-47.99	2

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

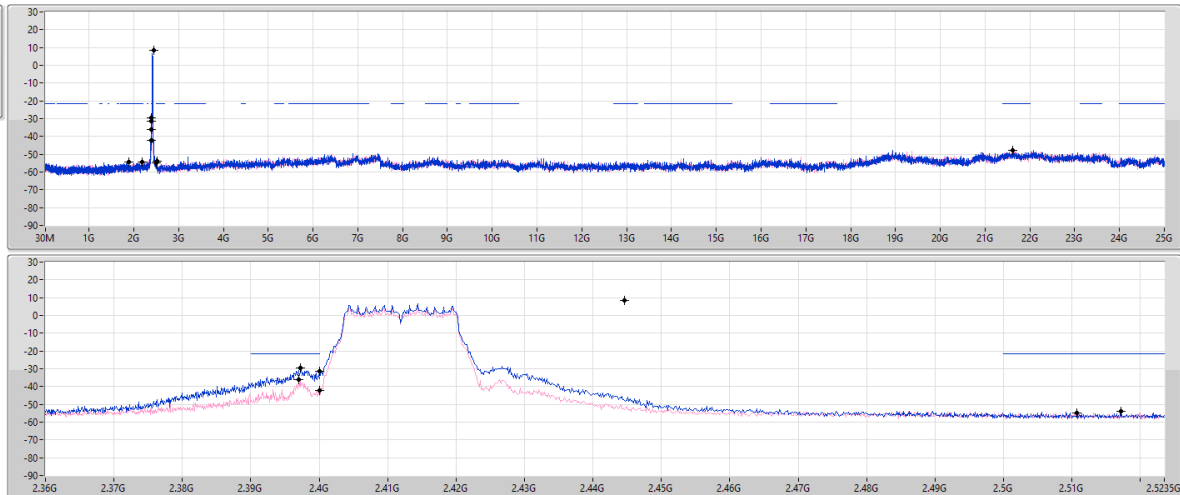
CSEndB

2412MHz

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

02/07/2025

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
2.44439G	8.30	-21.70	1.89167G	-54.46	2.39728G	-29.39	2.4G	-31.57	2.51718G	-54.14	21.61448G	-47.80	1
2.44439G	8.30	-21.70	2.18409G	-54.15	2.39704G	-36.30	2.4G	-42.22	2.5107G	-54.70	21.62291G	-47.69	2

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

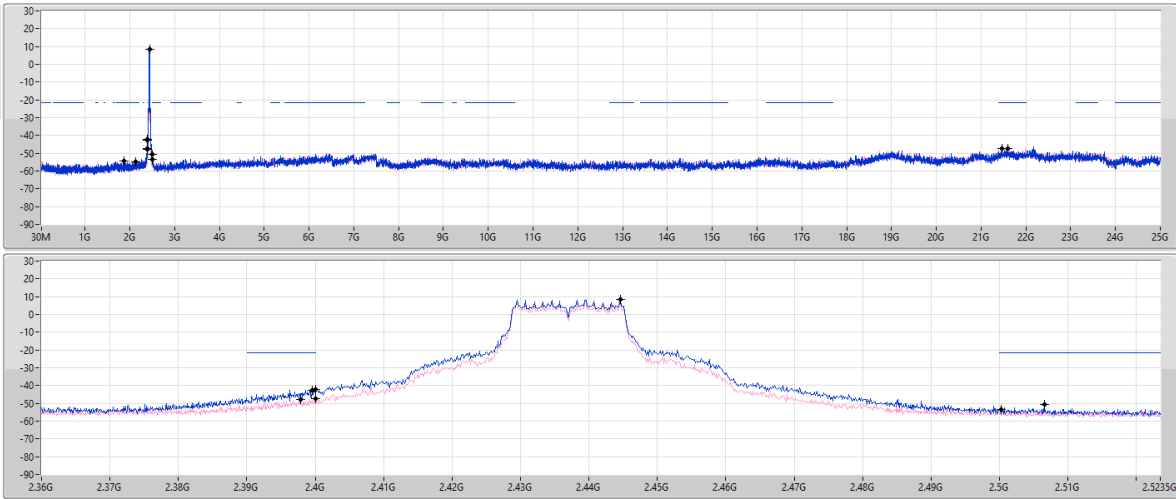
CSEndB

2437MHz

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

02/07/2025

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
2.44459G	8.30	-21.70	1.86604G	-54.37	2.39952G	-42.49	2.4G	-42.22	2.50654G	-50.82	21.60605G	-47.57	1
2.44459G	8.30	-21.70	2.12817G	-54.63	2.39792G	-47.85	2.4G	-47.54	2.5003G	-53.44	21.45995G	-47.54	2

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

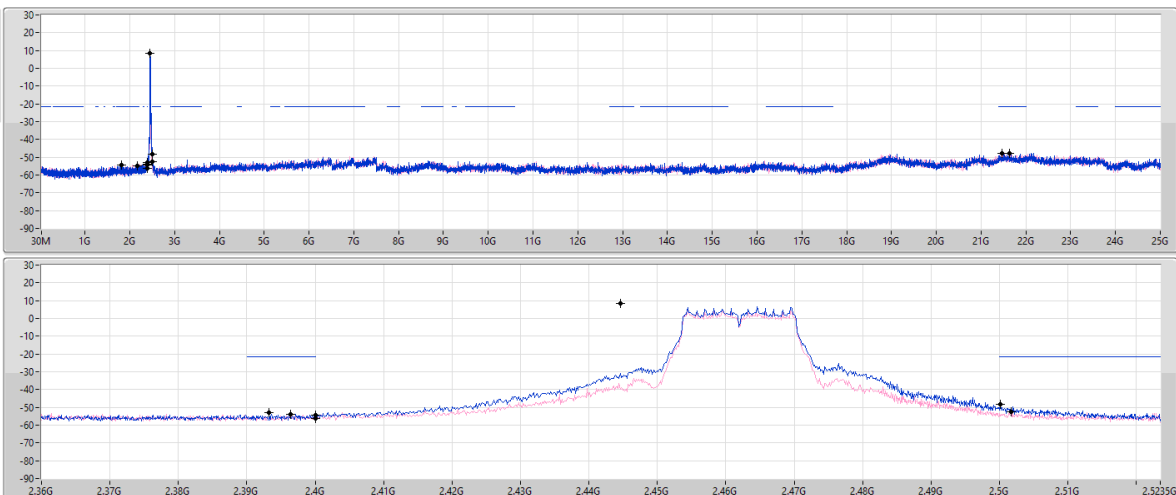
CSEndB

2462MHz

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

02/07/2025

Port 1
Port 2



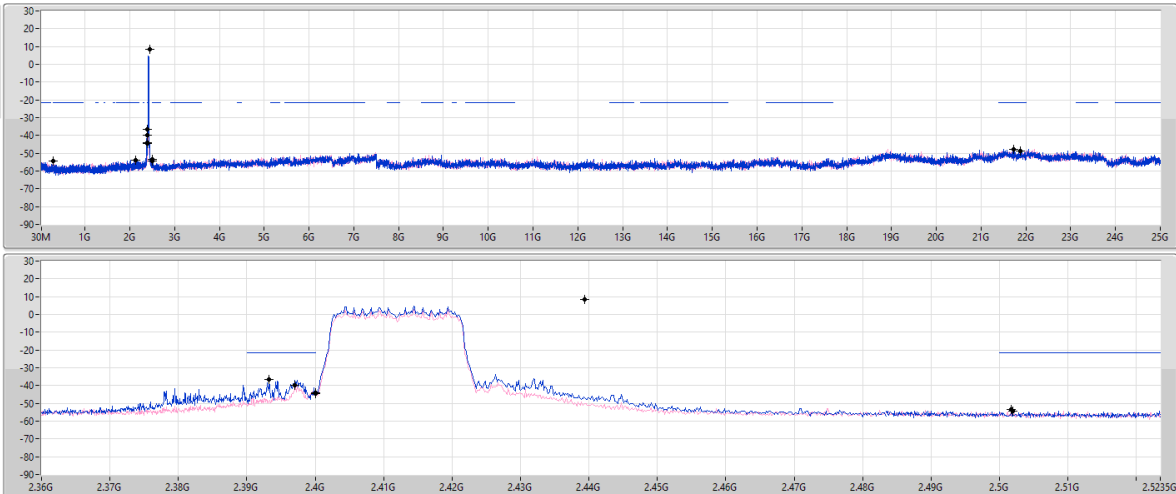
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44459G	8.30	-21.70	2.16079G	-54.94	2.39328G	-52.99	2.4G	-54.57	2.50014G	-48.18	21.46838G	-47.62	1
2.44459G	8.30	-21.70	1.81478G	-54.28	2.3964G	-53.79	2.4G	-56.04	2.50174G	-52.40	21.62853G	-47.58	2

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

CSEndB

2412MHz

02/07/2025

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

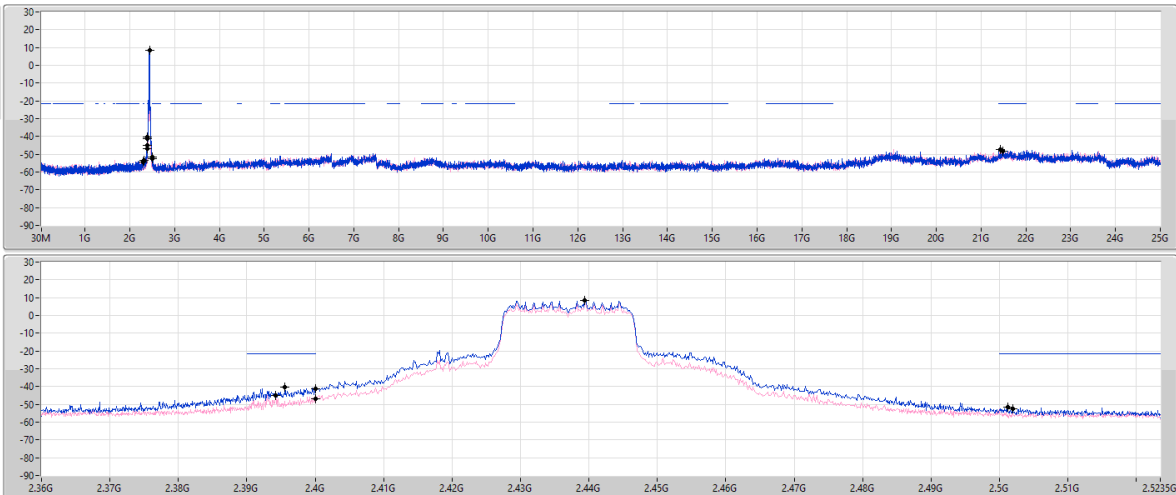
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	8.52	-21.48	2.12933G	-53.91	2.39328G	-36.64	2.4G	-44.26	2.50174G	-53.40	2.171843G	-47.65	1
2.43941G	8.52	-21.48	285.14M	-54.59	2.39704G	-39.65	2.4G	-44.67	2.5019G	-54.35	2.187858G	-48.58	2

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

CSEndB

2437MHz

02/07/2025

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

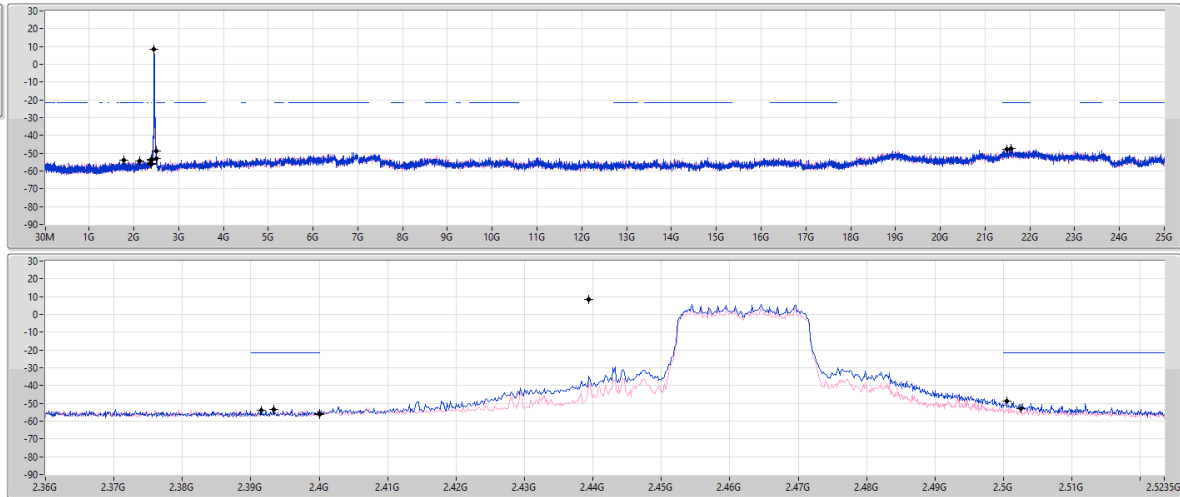
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2.43941G	8.52	-21.48	2.30874G	-53.62	2.3956G	-40.40	2.4G	-41.47	2.50118G	-51.42	2.142624G	-47.50	1
2.43941G	8.52	-21.48	2.30641G	-54.34	2.39424G	-44.87	2.4G	-47.08	2.5019G	-52.63	2.148243G	-48.05	2

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

CSEndB

2462MHz

02/07/2025

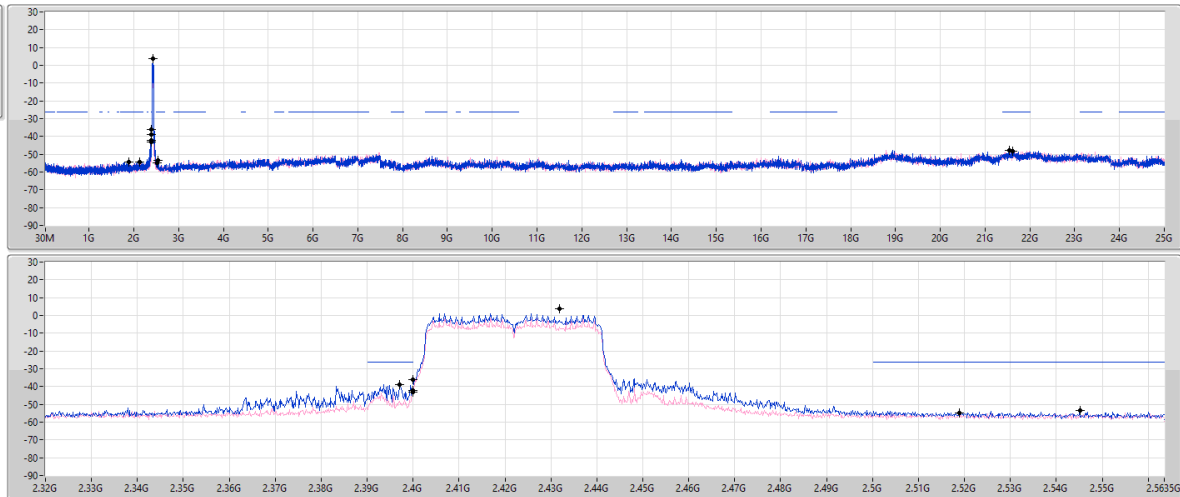
RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

02/07/2025

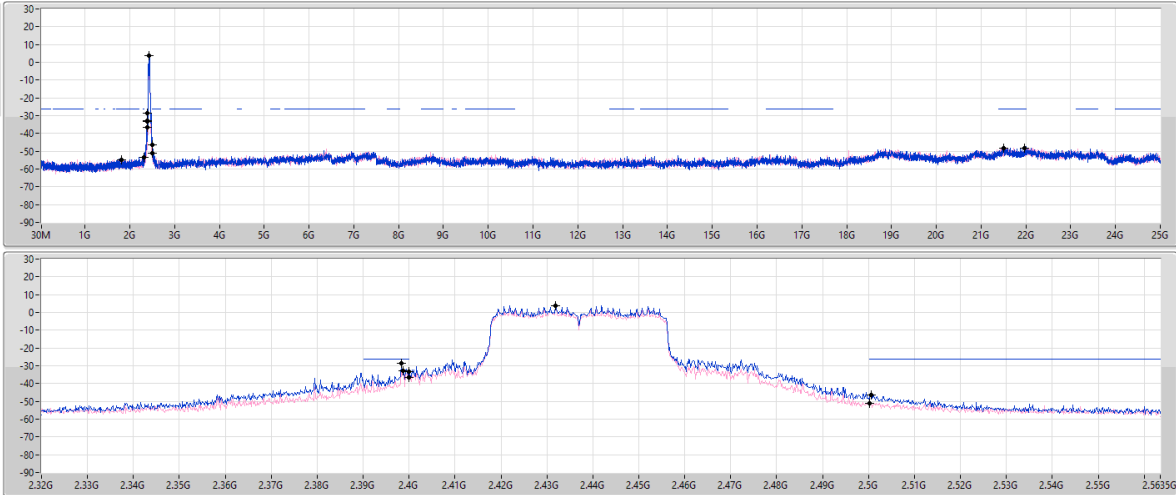
RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2437MHz

02/07/2025

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

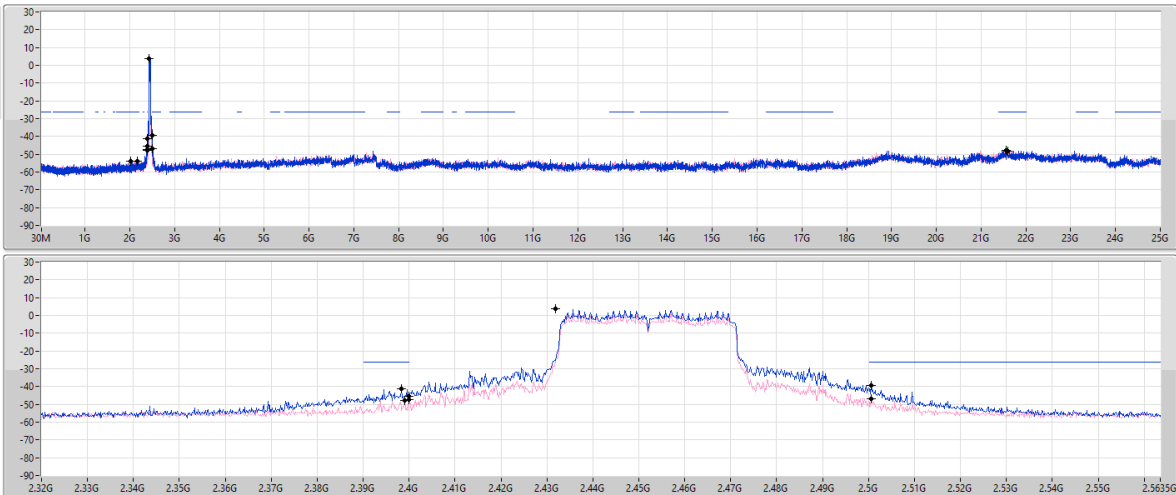
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	3.70	-26.30	2.30855G	-53.58	2.39824G	-28.80	2.4G	-33.46	2.50062G	-46.61	2.196546G	-48.15	1
2.4319G	3.70	-26.30	1.81162G	-54.69	2.39872G	-32.89	2.4G	-36.78	2.50014G	-50.92	2.149991G	-48.27	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

02/07/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 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
2.4319G	3.70	-26.30	2.16657G	-53.96	2.3984G	-41.44	2.4G	-45.63	2.50062G	-39.28	2.156722G	-47.58	1
2.4319G	3.70	-26.30	2.01543G	-53.84	2.39904G	-47.87	2.4G	-47.38	2.50062G	-46.95	2.159246G	-48.08	2



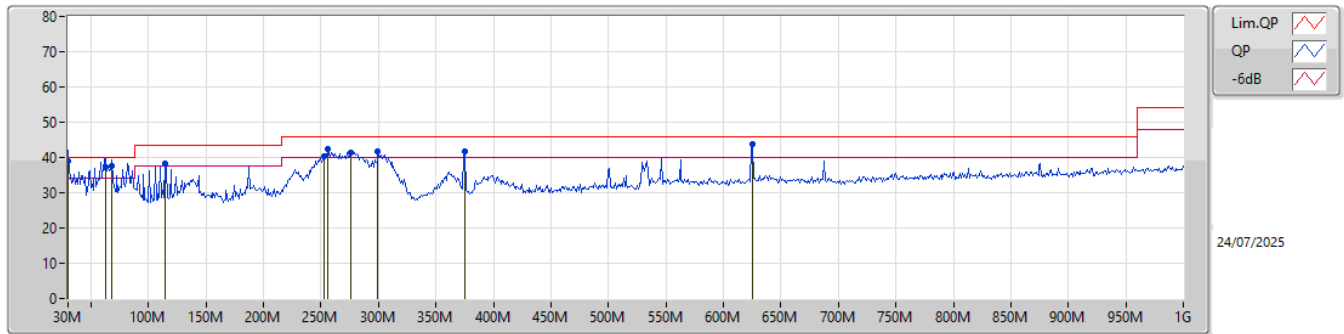
Radiated Emissions below 1GHz

Appendix F.1

Summary

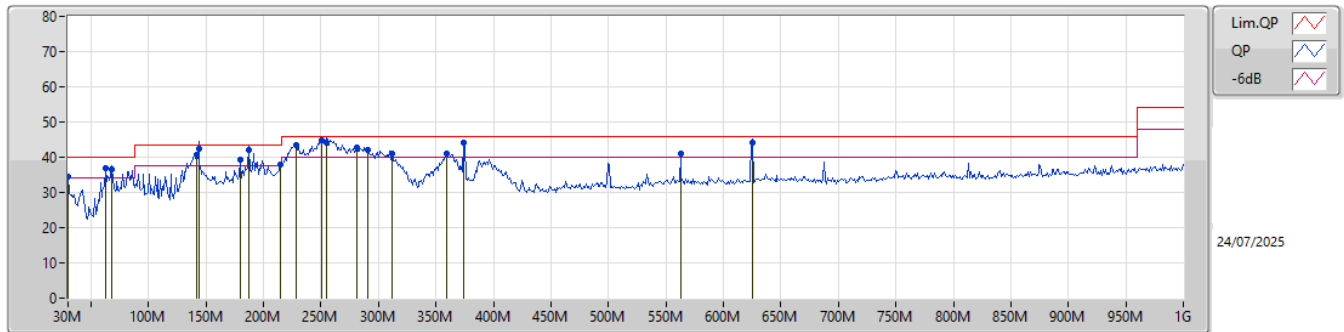
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	30M	38.93	40.00	-1.07	Vertical

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30M	38.93	40.00	-1.07	-19.19	3	Vertical	154	1.00	"Worst"	58.12	24.35	0.89	44.43		
QP	62.98M	37.29	40.00	-2.71	-31.03	3	Vertical	36	2.00	-	68.32	12.36	1.28	44.67		
QP	67.83M	37.45	40.00	-2.55	-31.10	3	Vertical	202	2.00	-	68.55	12.28	1.28	44.66		
PK	114.39M	38.12	43.50	-5.38	-25.10	3	Vertical	24	1.00	-	63.22	17.83	1.73	44.66		
PK	253.1M	40.32	46.00	-5.68	-23.04	3	Vertical	229	2.00	-	63.36	18.72	2.63	44.39		
PK	256.01M	42.49	46.00	-3.51	-22.61	3	Vertical	237	1.50	-	65.10	19.13	2.64	44.38		
PK	275.41M	41.51	46.00	-4.49	-22.84	3	Vertical	200	2.00	-	64.35	18.77	2.75	44.36		
PK	299.66M	41.80	46.00	-4.20	-22.29	3	Vertical	183	1.25	-	64.09	19.16	2.88	44.33		
PK	375.32M	41.68	46.00	-4.32	-20.20	3	Vertical	123	1.25	-	61.88	20.78	3.22	44.20		
QP	625.58M	43.66	46.00	-2.34	-14.29	3	Vertical	120	1.50	-	57.95	25.22	4.35	43.86		

Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	30M	34.58	40.00	-5.42	-19.19	3	Horizontal	0	1.00	-	53.77	24.35	0.89	44.43		
PK	62.98M	36.79	40.00	-3.21	-31.03	3	Horizontal	121	2.00	-	67.82	12.36	1.28	44.67		
QP	67.83M	36.42	40.00	-3.58	-31.10	3	Horizontal	107	3.00	-	67.52	12.28	1.28	44.66		
QP	141.55M	40.82	43.50	-2.68	-25.77	3	Horizontal	252	2.00	-	66.59	17.02	1.90	44.69		
QP	143.49M	42.43	43.50	-1.07	-25.89	3	Horizontal	252	2.00	"Worst"	68.32	16.87	1.92	44.68		
PK	179.38M	39.31	43.50	-4.19	-27.08	3	Horizontal	107	1.50	-	66.39	15.19	2.20	44.47		
QP	187.14M	42.07	43.50	-1.43	-27.26	3	Horizontal	103	1.25	-	69.33	14.97	2.26	44.49		
PK	214.3M	38.08	43.50	-5.42	-27.11	3	Horizontal	113	1.50	-	65.19	14.95	2.42	44.48		
QP	228.85M	43.45	46.00	-2.55	-25.98	3	Horizontal	118	1.00	-	69.43	15.96	2.50	44.44		
QP	250.19M	44.91	46.00	-1.09	-23.41	3	Horizontal	107	1.25	-	68.32	18.37	2.61	44.39		
QP	255.04M	44.24	46.00	-1.76	-22.74	3	Horizontal	101	1.25	-	66.98	19.00	2.64	44.38		
PK	281.23M	42.84	46.00	-3.16	-22.72	3	Horizontal	153	1.25	-	65.56	18.85	2.78	44.35		
PK	290.93M	42.02	46.00	-3.98	-22.51	3	Horizontal	164	1.00	-	64.53	19.00	2.83	44.34		
PK	312.27M	40.89	46.00	-5.11	-22.03	3	Horizontal	174	1.00	-	62.92	19.37	2.93	44.33		
PK	358.83M	40.87	46.00	-5.13	-20.64	3	Horizontal	68	1.00	-	61.51	20.51	3.13	44.28		
QP	374.35M	44.00	46.00	-2.00	-20.24	3	Horizontal	156	1.00	-	64.24	20.76	3.21	44.21		
PK	562.53M	41.01	46.00	-4.99	-15.06	3	Horizontal	356	3.00	-	56.07	24.99	3.93	43.98		
QP	625.58M	44.03	46.00	-1.97	-14.29	3	Horizontal	51	1.50	-	58.32	25.22	4.35	43.86		

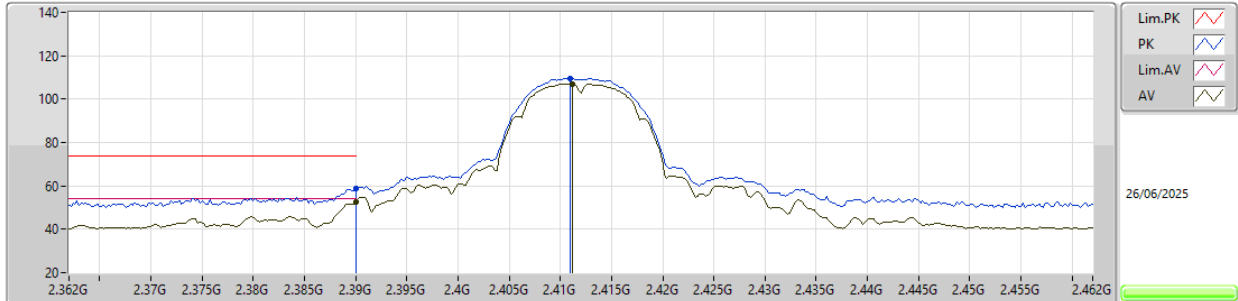


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	52.88	54.00	-1.12	3	Horizontal	334	2.82	-

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

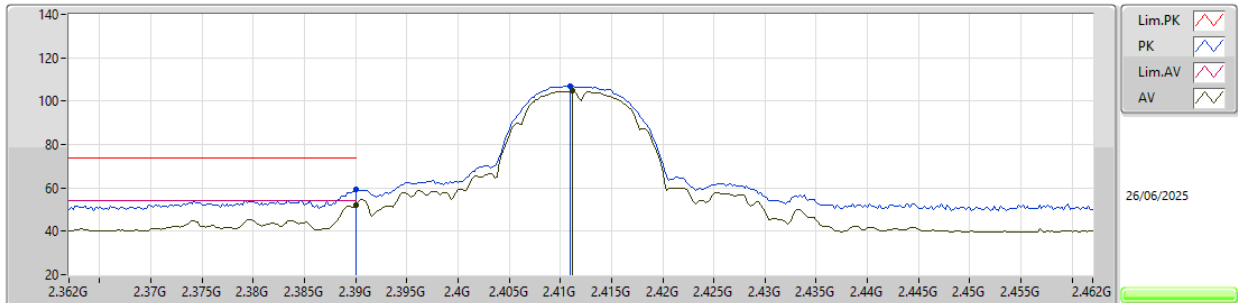
2412MHz_TX

EUT_Z_2TX
Setting 18.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	58.57	74.00	-15.43	69.35	3	Vertical	141	2.16	-	27.50	6.50	44.78			
AV	2.39G	52.57	54.00	-1.43	63.35	3	Vertical	141	2.16	-	27.50	6.50	44.78			
PK	2.411G	109.51	Inf	-Inf	120.26	3	Vertical	141	2.16	-	27.50	6.52	44.77			
AV	2.4112G	107.08	Inf	-Inf	117.83	3	Vertical	141	2.16	-	27.50	6.52	44.77			

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

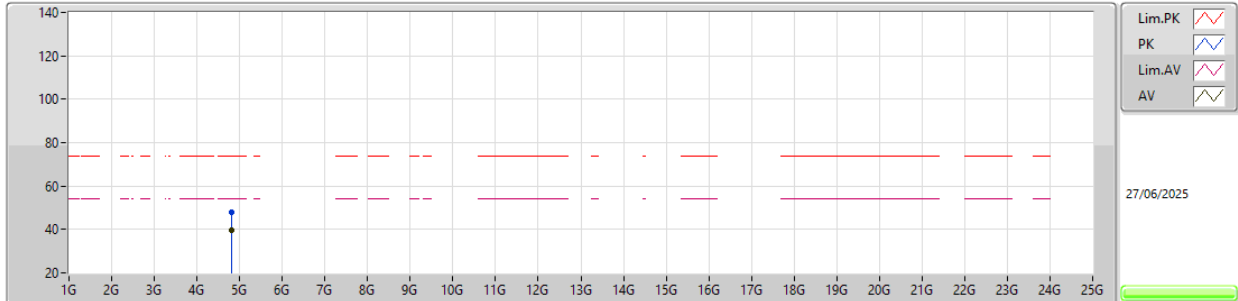
2412MHz_TX

EUT_Z_2TX
Setting 18.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	59.12	74.00	-14.88	69.90	3	Horizontal	342	2.85	-	27.50	6.50	44.78			
AV	2.39G	52.21	54.00	-1.79	62.99	3	Horizontal	342	2.85	-	27.50	6.50	44.78			
PK	2.411G	107.03	Inf	-Inf	117.78	3	Horizontal	342	2.85	-	27.50	6.52	44.77			
AV	2.4112G	104.59	Inf	-Inf	115.34	3	Horizontal	342	2.85	-	27.50	6.52	44.77			

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

2412MHz_TX

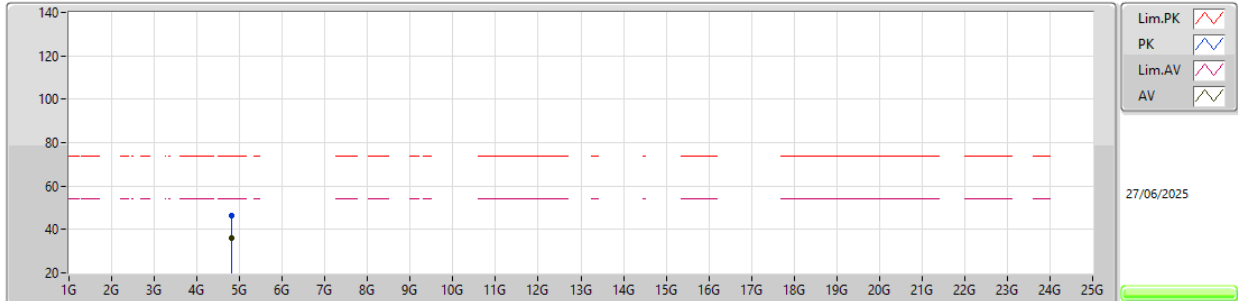


EUT_X_2TX
Setting 18.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82394G	47.80	74.00	-26.20	52.38	3	Vertical	9	1.03	-	31.30	8.13	44.01			
AV	4.824G	39.49	54.00	-14.51	44.07	3	Vertical	9	1.03	-	31.30	8.13	44.01			

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

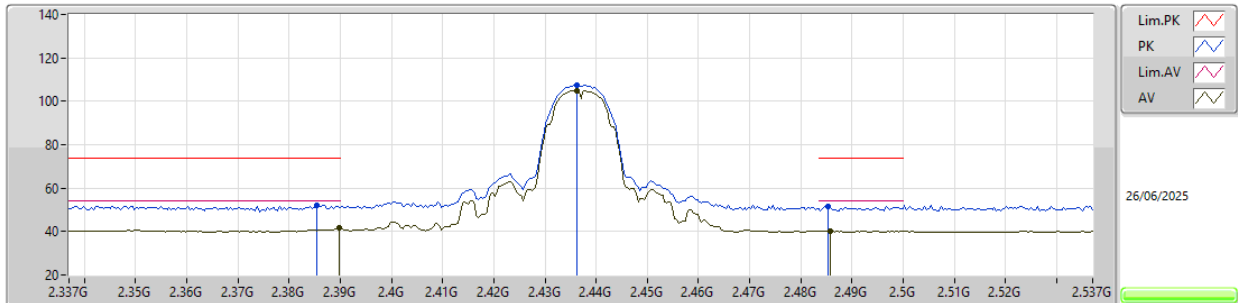
2412MHz_TX

EUT_X_2TX
Setting 18.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.82424G	46.35	74.00	-27.65	50.93	3	Horizontal	158	1.80	-	31.30	8.13	44.01				
AV	4.82394G	36.04	54.00	-17.96	40.62	3	Horizontal	158	1.80	-	31.30	8.13	44.01				

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

2437MHz_TX

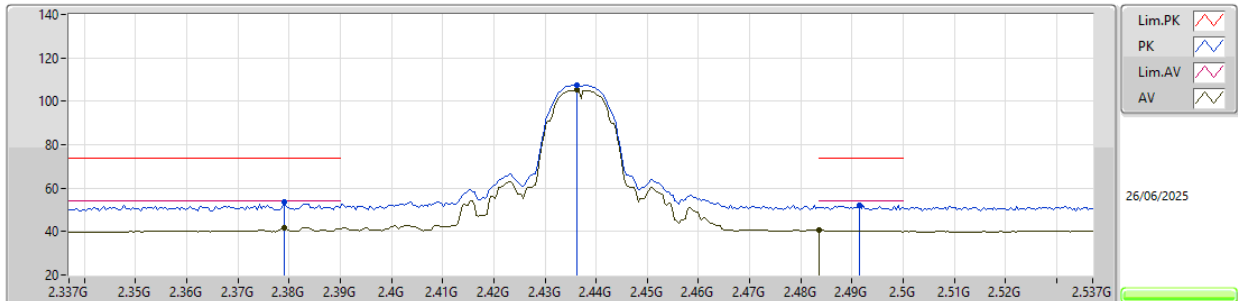


EUT_Z_2TX
Setting 20
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3854G	52.23	74.00	-21.77	63.01	3	Vertical	298	2.28	-	27.50	6.50	44.78			
AV	2.3898G	41.53	54.00	-12.47	52.31	3	Vertical	298	2.28	-	27.50	6.50	44.78			
PK	2.4362G	107.36	Inf	-Inf	118.08	3	Vertical	298	2.28	-	27.50	6.54	44.76			
AV	2.4362G	104.92	Inf	-Inf	115.64	3	Vertical	298	2.28	-	27.50	6.54	44.76			
PK	2.4854G	51.65	74.00	-22.35	62.20	3	Vertical	298	2.28	-	27.61	6.59	44.75			
AV	2.4858G	40.20	54.00	-13.80	50.74	3	Vertical	298	2.28	-	27.62	6.59	44.75			

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

2437MHz_TX

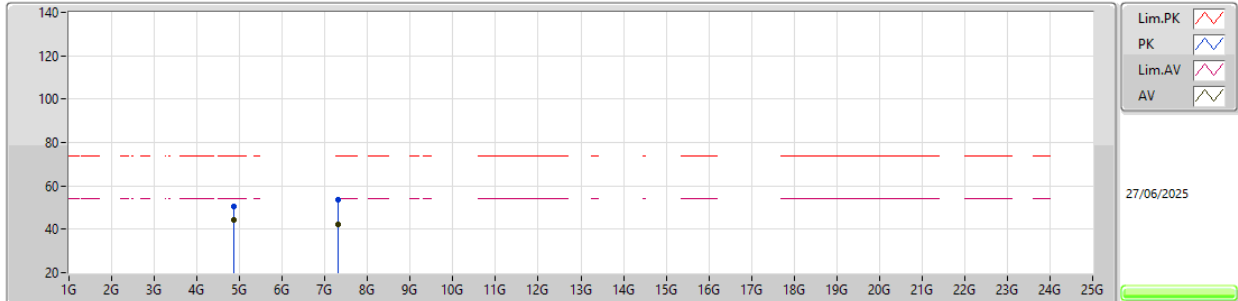


EUT_Z_2TX
Setting 20
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.379G	53.38	74.00	-20.62	64.17	3	Horizontal	332	1.80	-	27.51	6.49	44.79			
AV	2.379G	41.93	54.00	-12.07	52.72	3	Horizontal	332	1.80	-	27.51	6.49	44.79			
PK	2.4362G	107.59	Inf	-Inf	118.31	3	Horizontal	332	1.80	-	27.50	6.54	44.76			
AV	2.4362G	105.14	Inf	-Inf	115.86	3	Horizontal	332	1.80	-	27.50	6.54	44.76			
PK	2.4914G	52.17	74.00	-21.83	62.63	3	Horizontal	332	1.80	-	27.69	6.59	44.74			
AV	2.4835G	40.83	54.00	-13.17	51.42	3	Horizontal	332	1.80	-	27.57	6.59	44.75			

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

2437MHz_TX

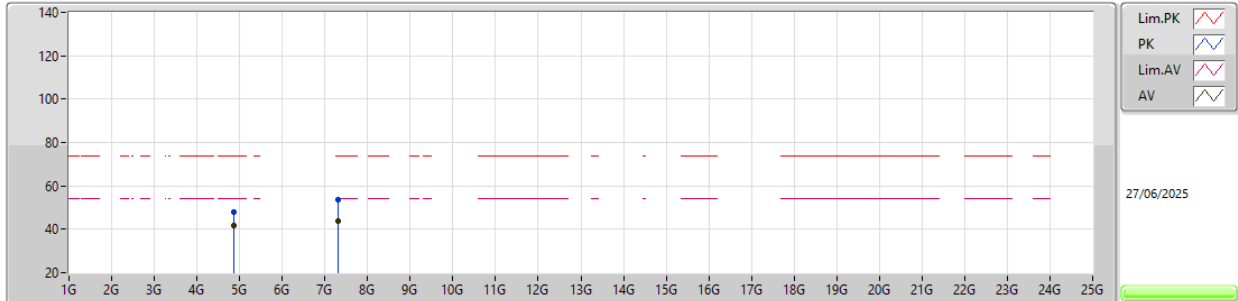


EUT_X_2TX
Setting 20
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.874G	50.62	74.00	-23.38	55.13	3	Vertical	19	1.07	-	31.30	8.18	43.99			
AV	4.87394G	44.36	54.00	-9.64	48.87	3	Vertical	19	1.07	-	31.30	8.18	43.99			
PK	7.3158G	53.63	74.00	-20.37	49.60	3	Vertical	160	1.80	-	36.20	10.38	42.55			
AV	7.31016G	42.46	54.00	-11.54	38.43	3	Vertical	160	1.80	-	36.20	10.38	42.55			

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

2437MHz_TX

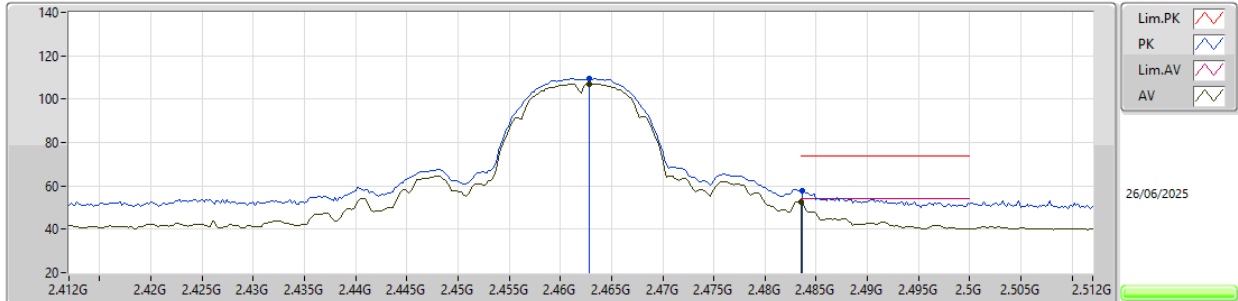


EUT_X_2TX
Setting 20
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.874G	48.13	74.00	-25.87	52.64	3	Horizontal	209	1.80	-	31.30	8.18	43.99			
AV	4.87394G	41.82	54.00	-12.18	46.33	3	Horizontal	209	1.80	-	31.30	8.18	43.99			
PK	7.31052G	53.84	74.00	-20.16	49.81	3	Horizontal	220	2.22	-	36.20	10.38	42.55			
AV	7.31016G	43.88	54.00	-10.12	39.85	3	Horizontal	220	2.22	-	36.20	10.38	42.55			

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

2462MHz_TX

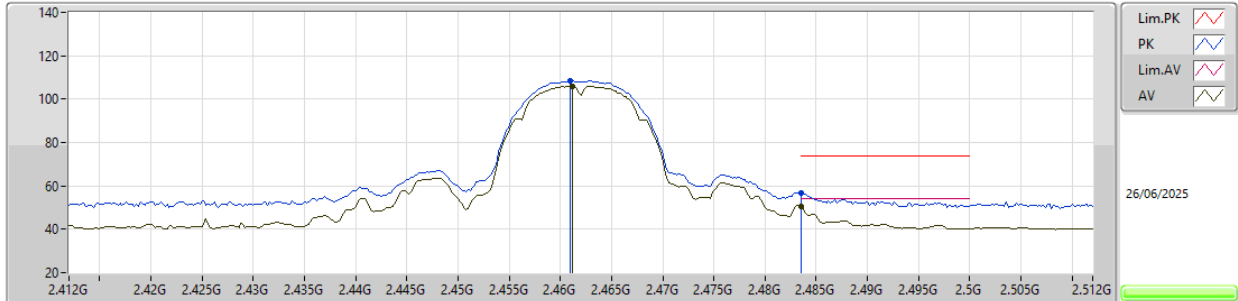


EUT_Z_2TX
Setting 19
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4628G	109.44	Inf	-Inf	120.15	3	Vertical	294	3.00	-	27.47	6.57	44.75			
AV	2.4628G	107.01	Inf	-Inf	117.72	3	Vertical	294	3.00	-	27.47	6.57	44.75			
PK	2.4836G	57.98	74.00	-16.02	68.57	3	Vertical	294	3.00	-	27.57	6.59	44.75			
AV	2.4835G	52.79	54.00	-1.21	63.38	3	Vertical	294	3.00	-	27.57	6.59	44.75			

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

2462MHz_TX

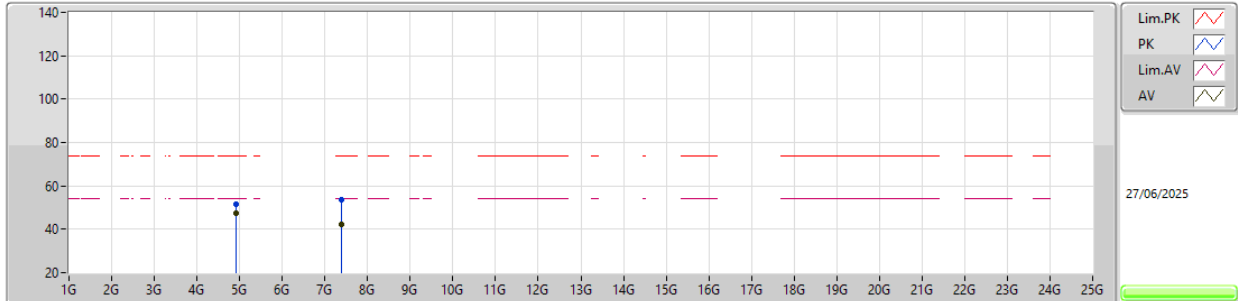


EUT_Z_2TX
Setting 19
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.461G	108.33	Inf	-Inf	119.03	3	Horizontal	334	1.16	-	27.49	6.56	44.75			
AV	2.4612G	105.94	Inf	-Inf	116.63	3	Horizontal	334	1.16	-	27.49	6.57	44.75			
PK	2.4835G	56.68	74.00	-17.32	67.27	3	Horizontal	334	1.16	-	27.57	6.59	44.75			
AV	2.4835G	50.75	54.00	-3.25	61.34	3	Horizontal	334	1.16	-	27.57	6.59	44.75			

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

2462MHz_TX

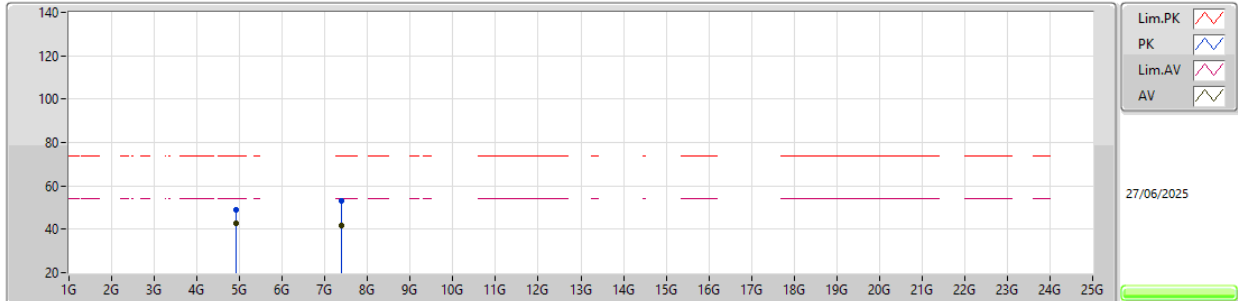


EUT_X_2TX
Setting 19
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92388G	51.81	74.00	-22.19	56.20	3	Vertical	15	1.04	-	31.35	8.23	43.97			
AV	4.92394G	47.59	54.00	-6.41	51.98	3	Vertical	15	1.04	-	31.35	8.23	43.97			
PK	7.38792G	53.69	74.00	-20.31	49.63	3	Vertical	69	3.00	-	36.12	10.45	42.51			
AV	7.38516G	42.00	54.00	-12.00	37.93	3	Vertical	69	3.00	-	36.13	10.45	42.51			

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

2462MHz_TX

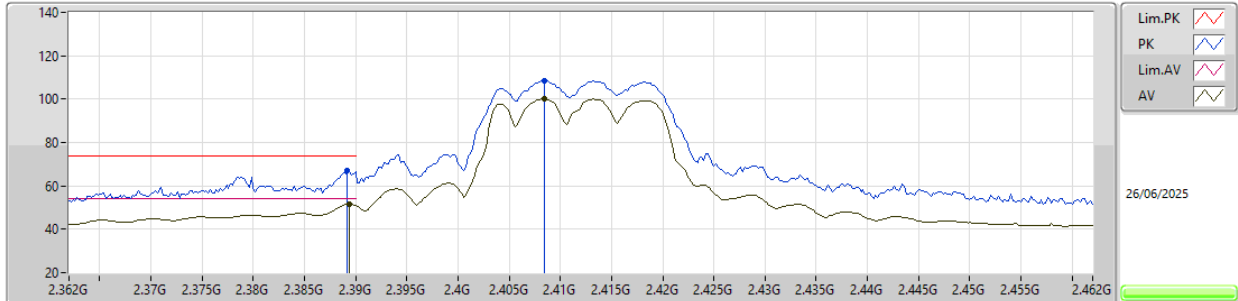


EUT_X_2TX
Setting 19
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92406G	48.81	74.00	-25.19	53.20	3	Horizontal	204	1.80	-	31.35	8.23	43.97			
AV	4.92394G	42.69	54.00	-11.31	47.08	3	Horizontal	204	1.80	-	31.35	8.23	43.97			
PK	7.38438G	53.27	74.00	-20.73	49.20	3	Horizontal	242	2.18	-	36.13	10.45	42.51			
AV	7.38522G	41.86	54.00	-12.14	37.79	3	Horizontal	242	2.18	-	36.13	10.45	42.51			

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

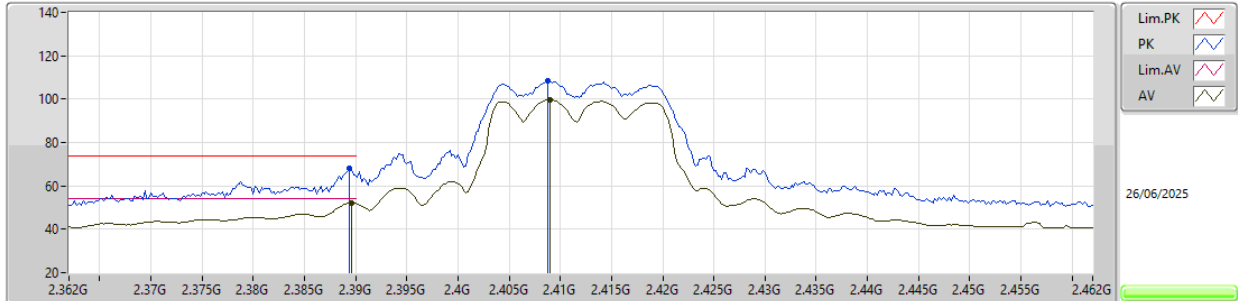
2412MHz_TX

EUT_Z_2TX
Setting 17
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3892G	67.06	74.00	-6.94	77.84	3	Vertical	134	1.07	-	27.50	6.50	44.78			
AV	2.3894G	51.48	54.00	-2.52	62.26	3	Vertical	134	1.07	-	27.50	6.50	44.78			
PK	2.4084G	108.33	Inf	-Inf	119.08	3	Vertical	134	1.07	-	27.50	6.52	44.77			
AV	2.4084G	99.97	Inf	-Inf	110.72	3	Vertical	134	1.07	-	27.50	6.52	44.77			

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

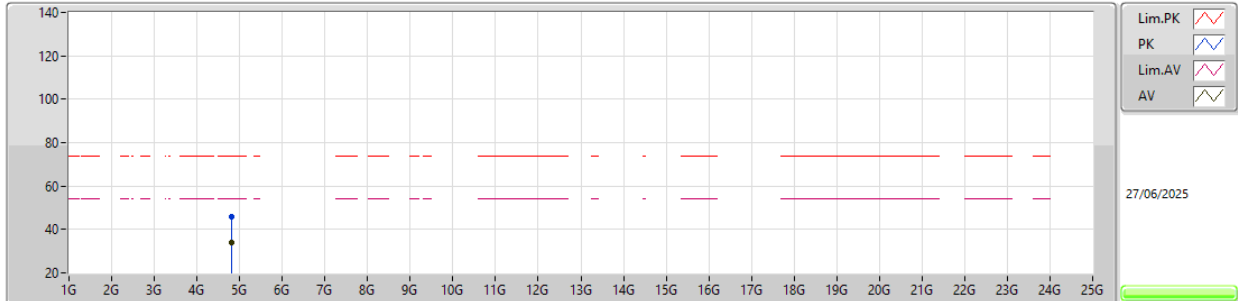
2412MHz_TX

EUT_Z_2TX
Setting 17
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	67.89	74.00	-6.11	78.67	3	Horizontal	342	2.80	-	27.50	6.50	44.78			
AV	2.3896G	52.12	54.00	-1.88	62.90	3	Horizontal	342	2.80	-	27.50	6.50	44.78			
PK	2.4088G	108.23	Inf	-Inf	118.98	3	Horizontal	342	2.80	-	27.50	6.52	44.77			
AV	2.409G	99.62	Inf	-Inf	110.37	3	Horizontal	342	2.80	-	27.50	6.52	44.77			

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

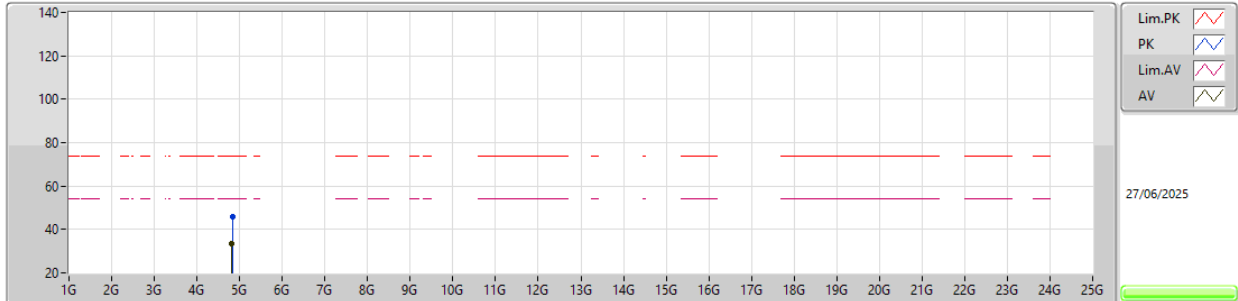
2412MHz_TX

EUT_X_2TX
Setting 17
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8243G	45.76	74.00	-28.24	50.34	3	Vertical	332	2.45	-	31.30	8.13	44.01			
AV	4.82394G	33.92	54.00	-20.08	38.50	3	Vertical	332	2.45	-	31.30	8.13	44.01			

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

2412MHz_TX

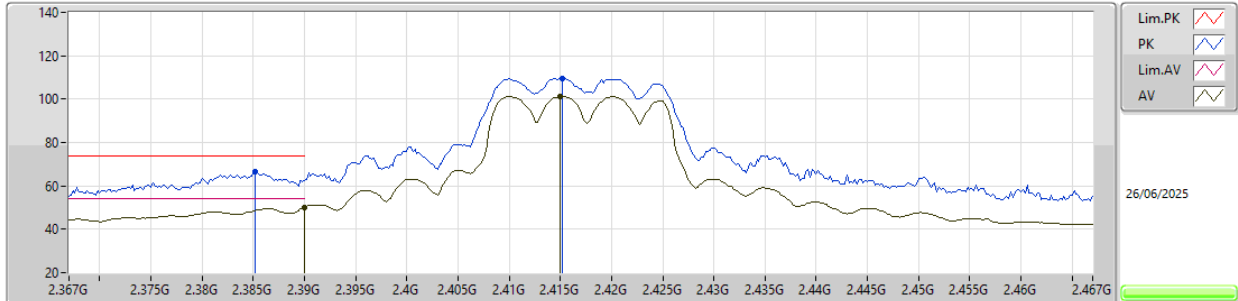


EUT_X_2TX
Setting 17
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.83426G	45.71	74.00	-28.29	50.27	3	Horizontal	207	1.79	-	31.30	8.14	44.00				
AV	4.82406G	33.41	54.00	-20.59	37.99	3	Horizontal	207	1.79	-	31.30	8.13	44.01				

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

2417MHz_TX

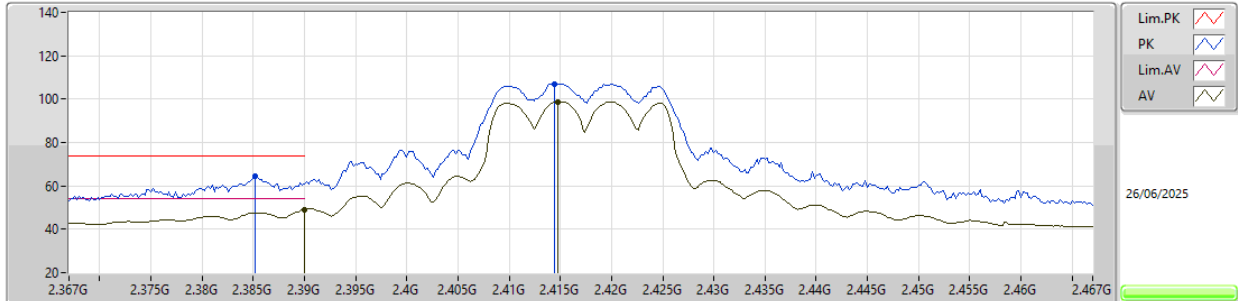


EUT_Z_2TX
Setting 17.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3852G	66.68	74.00	-7.32	77.46	3	Vertical	132	1.05	-	27.50	6.50	44.78			
AV	2.39G	50.19	54.00	-3.81	60.97	3	Vertical	132	1.05	-	27.50	6.50	44.78			
PK	2.4152G	109.58	Inf	-Inf	120.33	3	Vertical	132	1.05	-	27.50	6.52	44.77			
AV	2.415G	101.14	Inf	-Inf	111.89	3	Vertical	132	1.05	-	27.50	6.52	44.77			

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

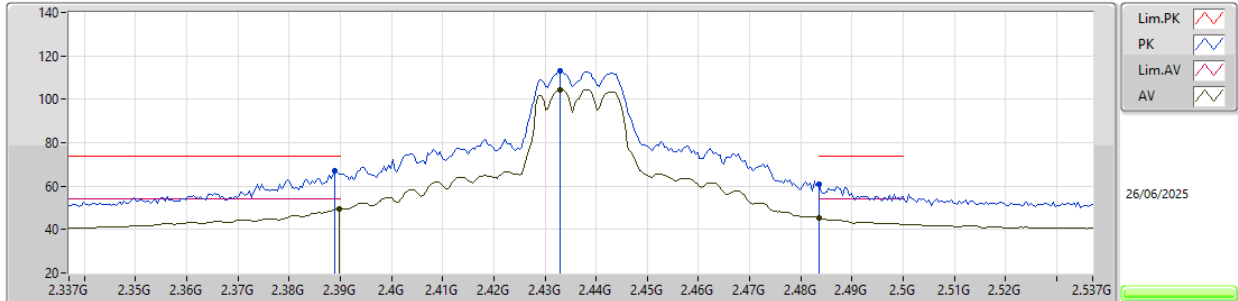
2417MHz_TX

EUT_Z_2TX
Setting 17.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3852G	64.42	74.00	-9.58	75.20	3	Horizontal	339	1.80	-	27.50	6.50	44.78			
AV	2.39G	48.97	54.00	-5.03	59.75	3	Horizontal	339	1.80	-	27.50	6.50	44.78			
PK	2.4144G	106.96	Inf	-Inf	117.71	3	Horizontal	339	1.80	-	27.50	6.52	44.77			
AV	2.4148G	98.66	Inf	-Inf	109.41	3	Horizontal	339	1.80	-	27.50	6.52	44.77			

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

2437MHz_TX

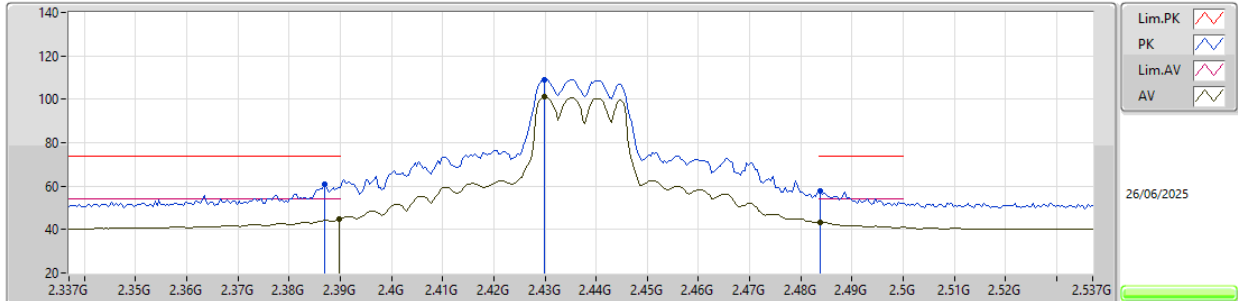


EUT_Z_2TX
Setting 20
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	67.05	74.00	-6.95	77.83	3	Vertical	166	2.57	-	27.50	6.50	44.78			
AV	2.3898G	49.60	54.00	-4.40	60.38	3	Vertical	166	2.57	-	27.50	6.50	44.78			
PK	2.433G	112.85	Inf	-Inf	123.58	3	Vertical	166	2.57	-	27.50	6.54	44.77			
AV	2.433G	104.40	Inf	-Inf	115.13	3	Vertical	166	2.57	-	27.50	6.54	44.77			
PK	2.4835G	60.91	74.00	-13.09	71.50	3	Vertical	166	2.57	-	27.57	6.59	44.75			
AV	2.4835G	45.43	54.00	-8.57	56.02	3	Vertical	166	2.57	-	27.57	6.59	44.75			

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

2437MHz_TX

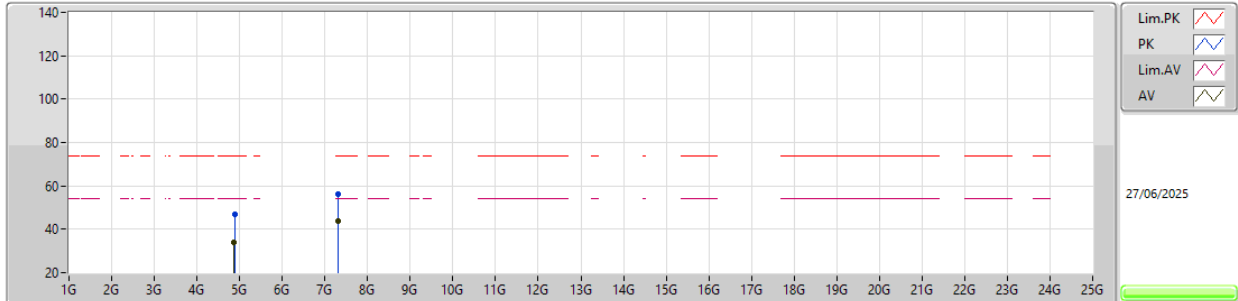


EUT_Z_2TX
Setting 20
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.387G	60.80	74.00	-13.20	71.58	3	Horizontal	338	1.80	-	27.50	6.50	44.78			
AV	2.3898G	44.67	54.00	-9.33	55.45	3	Horizontal	338	1.80	-	27.50	6.50	44.78			
PK	2.4298G	109.10	Inf	-Inf	119.83	3	Horizontal	338	1.80	-	27.50	6.54	44.77			
AV	2.4298G	101.03	Inf	-Inf	111.76	3	Horizontal	338	1.80	-	27.50	6.54	44.77			
PK	2.4838G	57.87	74.00	-16.13	68.45	3	Horizontal	338	1.80	-	27.58	6.59	44.75			
AV	2.4838G	43.38	54.00	-10.62	53.96	3	Horizontal	338	1.80	-	27.58	6.59	44.75			

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

2437MHz_TX

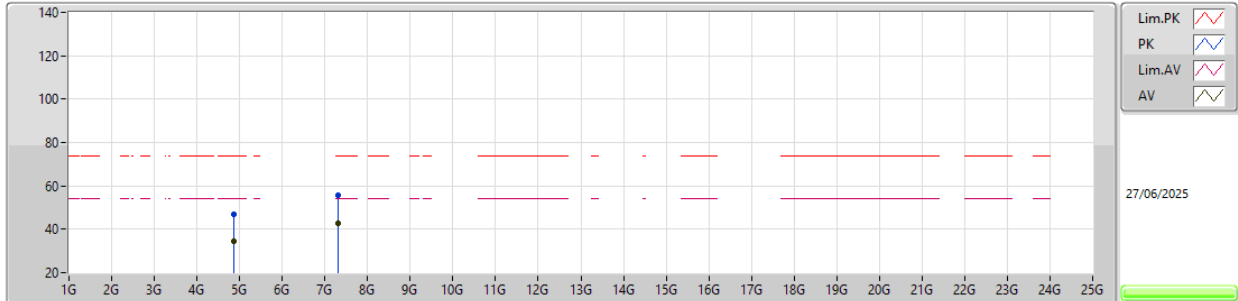


EUT_X_2TX
Setting 20
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87934G	46.68	74.00	-27.32	51.19	3	Vertical	18	1.80	-	31.30	8.18	43.99			
AV	4.87406G	34.21	54.00	-19.79	38.72	3	Vertical	18	1.80	-	31.30	8.18	43.99			
PK	7.30368G	56.39	74.00	-17.61	52.38	3	Vertical	360	1.92	-	36.20	10.37	42.56			
AV	7.30842G	43.59	54.00	-10.41	39.56	3	Vertical	360	1.92	-	36.20	10.38	42.55			

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

2437MHz_TX

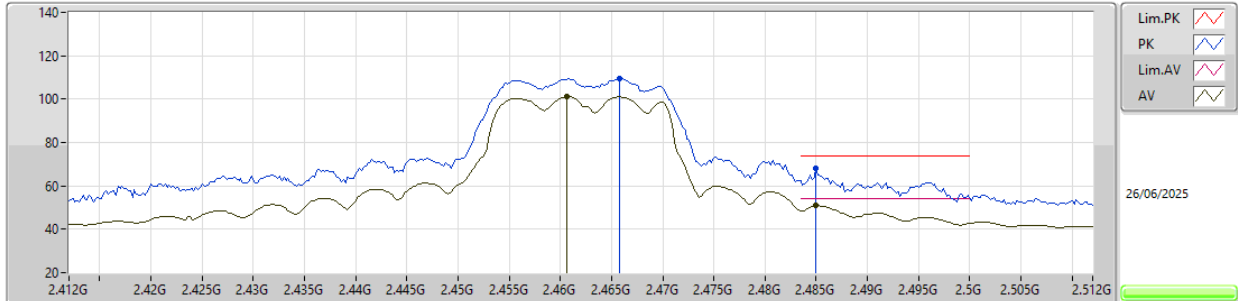


EUT_X_2TX
Setting 20
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87508G	46.70	74.00	-27.30	51.21	3	Horizontal	210	1.79	-	31.30	8.18	43.99			
AV	4.87484G	34.36	54.00	-19.64	38.87	3	Horizontal	210	1.79	-	31.30	8.18	43.99			
PK	7.31526G	55.48	74.00	-18.52	51.45	3	Horizontal	224	2.09	-	36.20	10.38	42.55			
AV	7.311G	42.87	54.00	-11.13	38.84	3	Horizontal	224	2.09	-	36.20	10.38	42.55			

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

2462MHz_TX

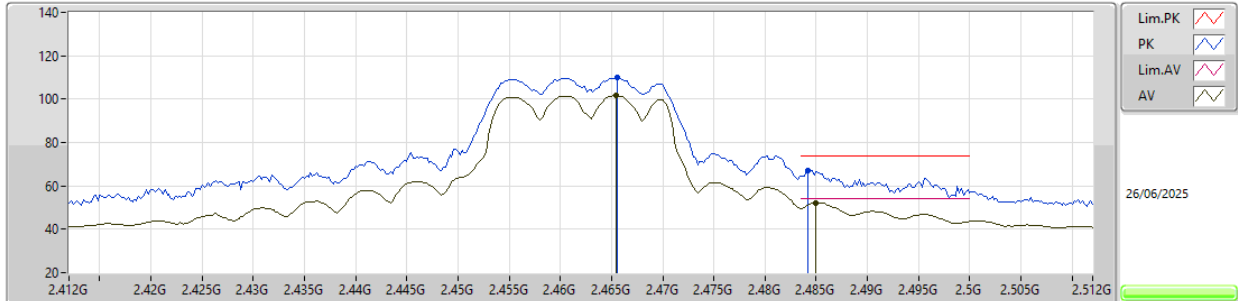


EUT_Z_2TX
Setting 17.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4658G	109.70	Inf	-Inf	120.44	3	Vertical	133	1.80	-	27.44	6.57	44.75			
AV	2.4606G	101.05	Inf	-Inf	111.75	3	Vertical	133	1.80	-	27.49	6.56	44.75			
PK	2.485G	68.03	74.00	-5.97	78.59	3	Vertical	133	1.80	-	27.60	6.59	44.75			
AV	2.485G	50.78	54.00	-3.22	61.34	3	Vertical	133	1.80	-	27.60	6.59	44.75			

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

2462MHz_TX

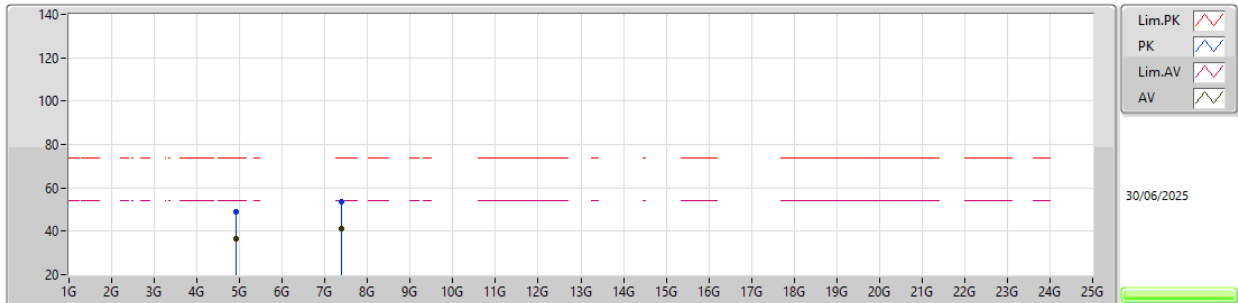


EUT_Z_2TX
Setting 17.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4656G	109.81	Inf	-Inf	120.55	3	Horizontal	335	2.97	-	27.44	6.57	44.75			
AV	2.4654G	101.55	Inf	-Inf	112.28	3	Horizontal	335	2.97	-	27.45	6.57	44.75			
PK	2.4842G	67.25	74.00	-6.75	77.83	3	Horizontal	335	2.97	-	27.58	6.59	44.75			
AV	2.485G	52.27	54.00	-1.73	62.83	3	Horizontal	335	2.97	-	27.60	6.59	44.75			

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

2462MHz_TX

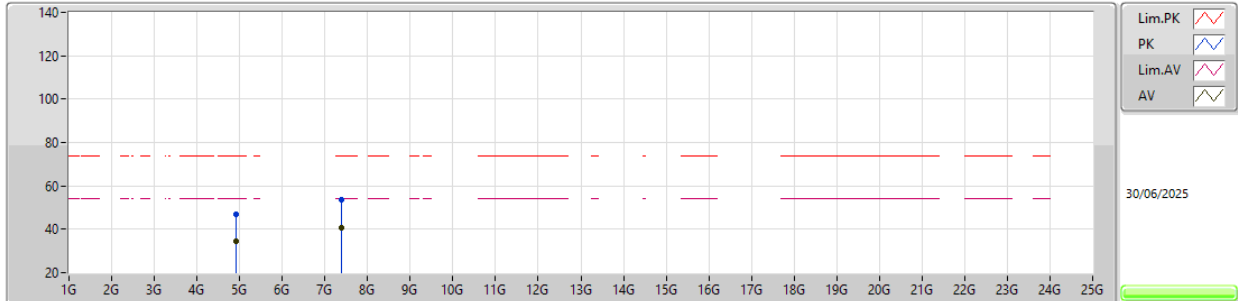


EUT_X_2TX
Setting 17.5
04-I-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92526G	48.85	74.00	-25.15	53.24	3	Vertical	51	3.00	-	31.35	8.23	43.97			
AV	4.92532G	36.66	54.00	-17.34	41.05	3	Vertical	51	3.00	-	31.35	8.23	43.97			
PK	7.38552G	53.85	74.00	-20.15	49.78	3	Vertical	283	1.02	-	36.13	10.45	42.51			
AV	7.3854G	41.01	54.00	-12.99	36.94	3	Vertical	283	1.02	-	36.13	10.45	42.51			

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

2462MHz_TX

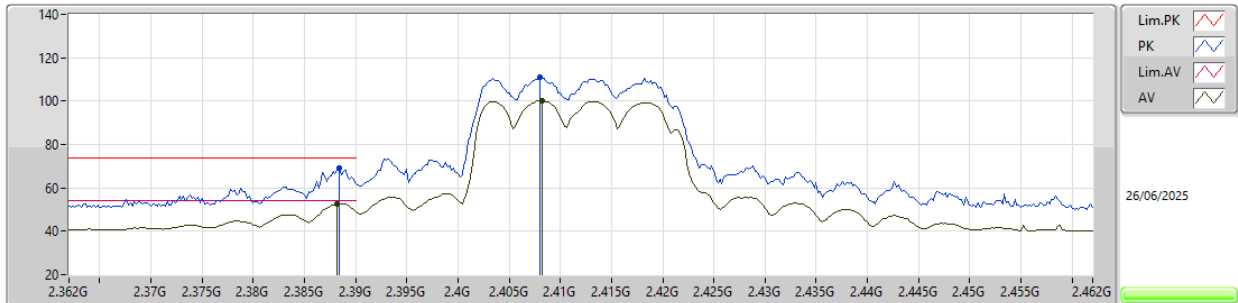


EUT_X_2TX
Setting 17.5
04-I-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.91998G	46.66	74.00	-27.34	51.07	3	Horizontal	216	1.80	-	31.34	8.23	43.98			
AV	4.92508G	34.40	54.00	-19.60	38.79	3	Horizontal	216	1.80	-	31.35	8.23	43.97			
PK	7.3881G	53.47	74.00	-20.53	49.41	3	Horizontal	360	2.99	-	36.12	10.45	42.51			
AV	7.37658G	40.65	54.00	-13.35	36.57	3	Horizontal	360	2.99	-	36.15	10.44	42.51			

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

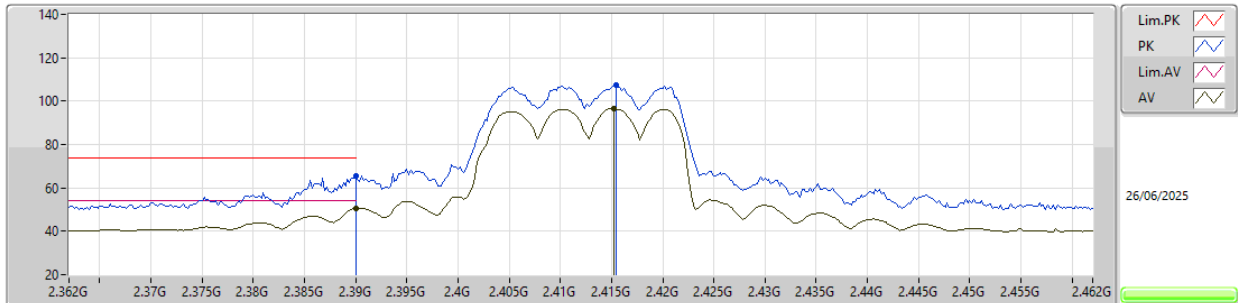
2412MHz_TX

EUT Z_2TX
Setting 15.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3884G	69.14	74.00	-4.86	79.92	3	Vertical	168	2.33	-	27.50	6.50	44.78			
AV	2.3882G	52.72	54.00	-1.28	63.50	3	Vertical	168	2.33	-	27.50	6.50	44.78			
PK	2.408G	111.01	Inf	-Inf	121.76	3	Vertical	168	2.33	-	27.50	6.52	44.77			
AV	2.4082G	100.17	Inf	-Inf	110.92	3	Vertical	168	2.33	-	27.50	6.52	44.77			

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

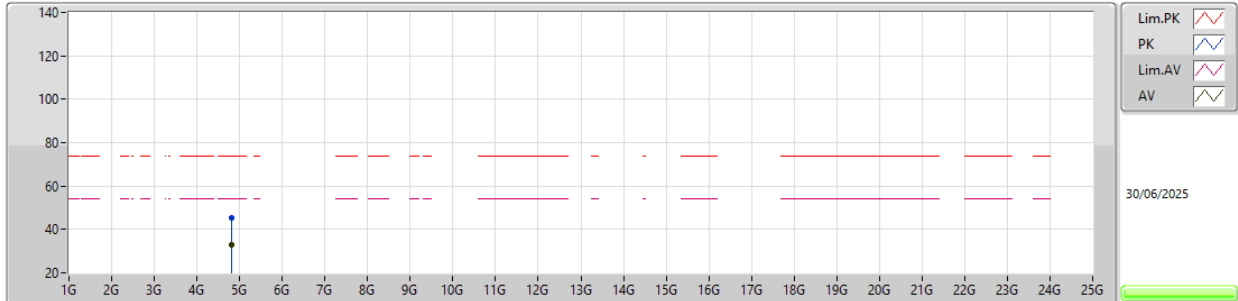
2412MHz_TX

EUT_Z_2TX
Setting 15.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	65.54	74.00	-8.46	76.32	3	Horizontal	339	1.80	-	27.50	6.50	44.78			
AV	2.39G	50.74	54.00	-3.26	61.52	3	Horizontal	339	1.80	-	27.50	6.50	44.78			
PK	2.4154G	107.29	Inf	-Inf	118.04	3	Horizontal	339	1.80	-	27.50	6.52	44.77			
AV	2.4152G	96.45	Inf	-Inf	107.20	3	Horizontal	339	1.80	-	27.50	6.52	44.77			

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

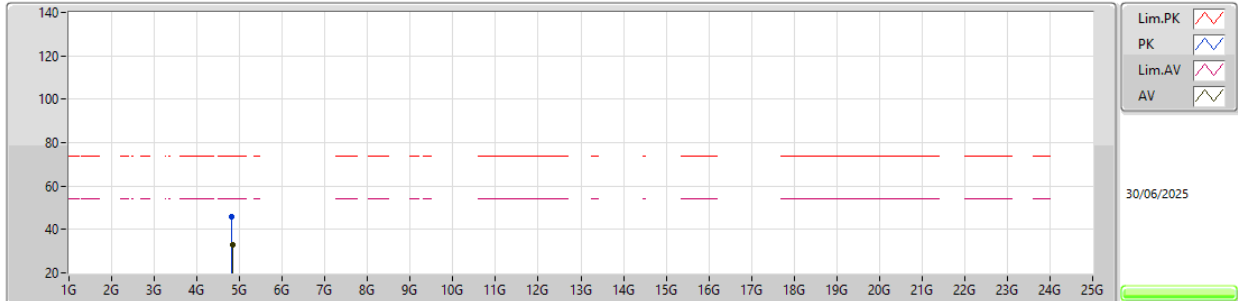
2412MHz_TX

EUT_X_2TX
Setting 15.5
04-I-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81842G	45.24	74.00	-28.76	49.83	3	Vertical	168	1.80	-	31.30	8.12	44.01			
AV	4.82448G	32.97	54.00	-21.03	37.55	3	Vertical	168	1.80	-	31.30	8.13	44.01			

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

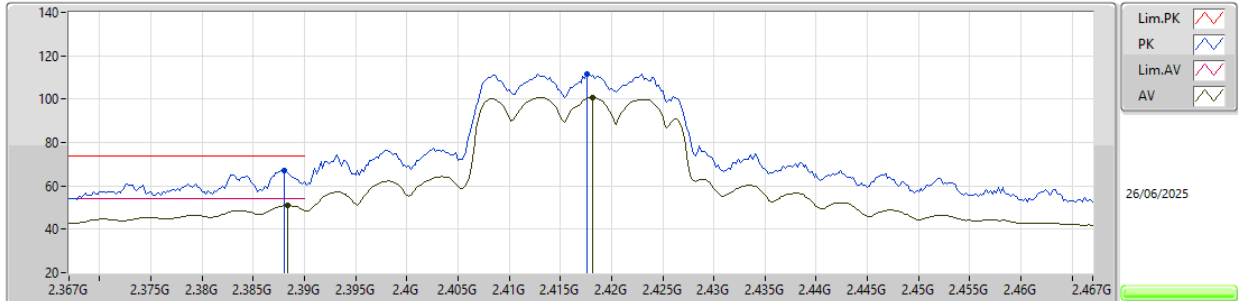
2412MHz_TX

EUT_X_2TX
Setting 15.5
04-I-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8156G	45.82	74.00	-28.18	50.41	3	Horizontal	206	1.80	-	31.30	8.12	44.01			
AV	4.82484G	33.08	54.00	-20.92	37.66	3	Horizontal	206	1.80	-	31.30	8.13	44.01			

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

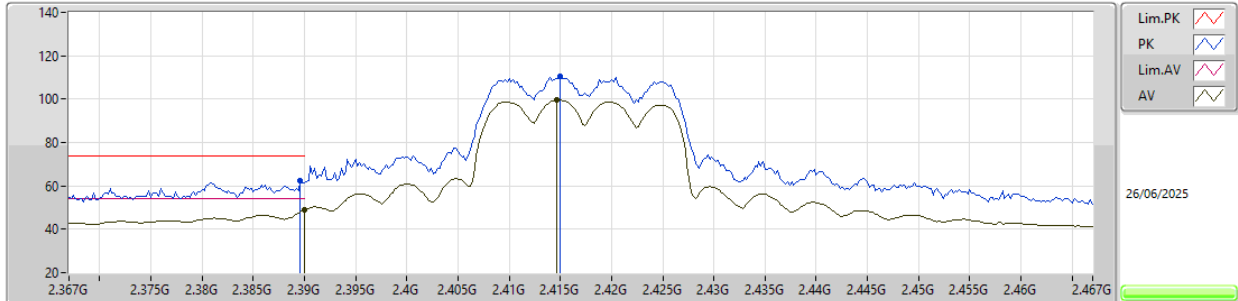
2417MHz_TX

EUT_Z_2TX
Setting 17
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.388G	67.03	74.00	-6.97	77.81	3	Vertical	167	2.32	-	27.50	6.50	44.78			
AV	2.3884G	50.92	54.00	-3.08	61.70	3	Vertical	167	2.32	-	27.50	6.50	44.78			
PK	2.4176G	111.81	Inf	-Inf	122.55	3	Vertical	167	2.32	-	27.50	6.53	44.77			
AV	2.4182G	100.76	Inf	-Inf	111.50	3	Vertical	167	2.32	-	27.50	6.53	44.77			

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

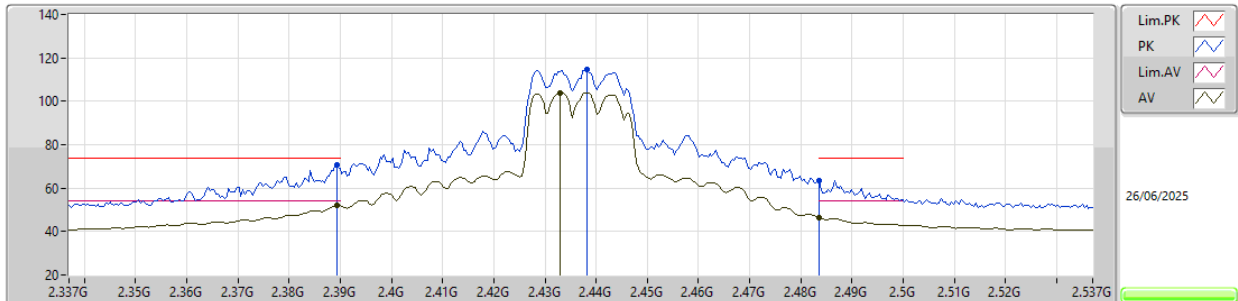
2417MHz_TX

EUT_Z_2TX
Setting 17
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	62.43	74.00	-11.57	73.21	3	Horizontal	336	1.99	-	27.50	6.50	44.78			
AV	2.39G	48.85	54.00	-5.15	59.63	3	Horizontal	336	1.99	-	27.50	6.50	44.78			
PK	2.415G	110.51	Inf	-Inf	121.26	3	Horizontal	336	1.99	-	27.50	6.52	44.77			
AV	2.4146G	99.50	Inf	-Inf	110.25	3	Horizontal	336	1.99	-	27.50	6.52	44.77			

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

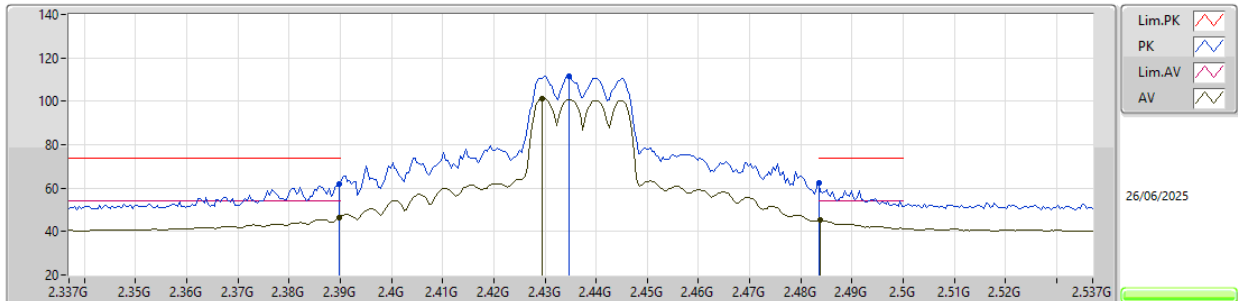
2437MHz_TX

EUT_Z_2TX
Setting 20
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	70.56	74.00	-3.44	81.34	3	Vertical	166	2.58	-	27.50	6.50	44.78			
AV	2.3894G	51.92	54.00	-2.08	62.70	3	Vertical	166	2.58	-	27.50	6.50	44.78			
PK	2.4382G	114.54	Inf	-Inf	125.26	3	Vertical	166	2.58	-	27.50	6.54	44.76			
AV	2.433G	103.91	Inf	-Inf	114.64	3	Vertical	166	2.58	-	27.50	6.54	44.77			
PK	2.4835G	63.26	74.00	-10.74	73.85	3	Vertical	166	2.58	-	27.57	6.59	44.75			
AV	2.4835G	46.43	54.00	-7.57	57.02	3	Vertical	166	2.58	-	27.57	6.59	44.75			

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

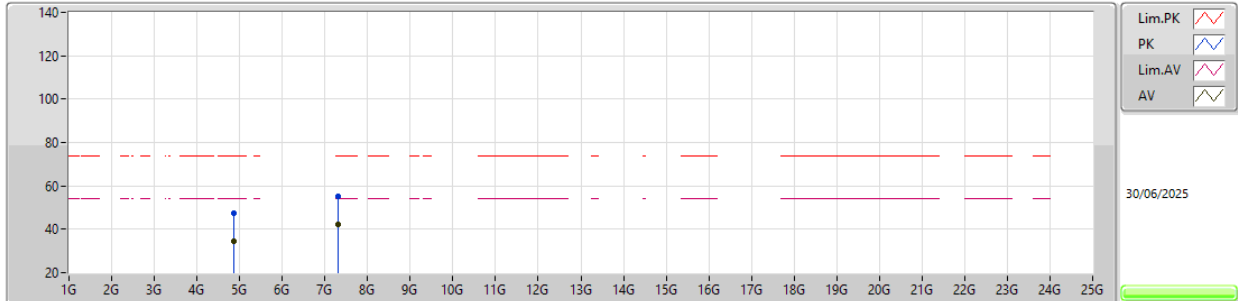
2437MHz_TX

EUT_Z_2TX
Setting 20
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	61.69	74.00	-12.31	72.47	3	Horizontal	336	1.80	-	27.50	6.50	44.78			
AV	2.3898G	46.51	54.00	-7.49	57.29	3	Horizontal	336	1.80	-	27.50	6.50	44.78			
PK	2.4346G	111.69	Inf	-Inf	122.41	3	Horizontal	336	1.80	-	27.50	6.54	44.76			
AV	2.4294G	101.37	Inf	-Inf	112.10	3	Horizontal	336	1.80	-	27.50	6.54	44.77			
PK	2.4835G	62.24	74.00	-11.76	72.83	3	Horizontal	336	1.80	-	27.57	6.59	44.75			
AV	2.4838G	45.15	54.00	-8.85	55.73	3	Horizontal	336	1.80	-	27.58	6.59	44.75			

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

2437MHz_TX

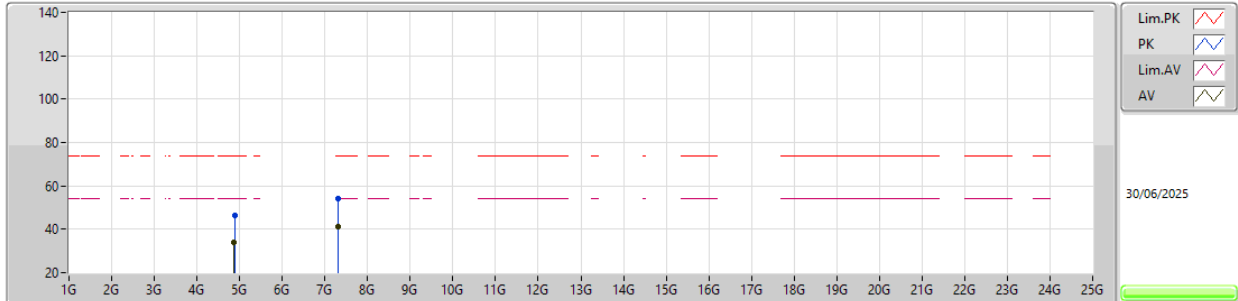


EUT_X_2TX
Setting 20
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.86062G	47.52	74.00	-26.48	52.05	3	Vertical	189	1.03	-	31.30	8.16	43.99			
AV	4.87496G	34.63	54.00	-19.37	39.14	3	Vertical	189	1.03	-	31.30	8.18	43.99			
PK	7.31478G	55.05	74.00	-18.95	51.02	3	Vertical	360	1.01	-	36.20	10.38	42.55			
AV	7.3089G	42.39	54.00	-11.61	38.36	3	Vertical	360	1.01	-	36.20	10.38	42.55			

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

2437MHz_TX

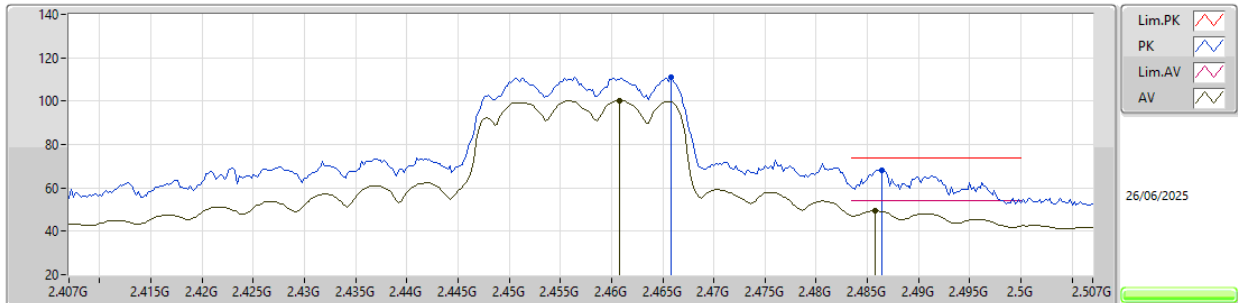


EUT_X_2TX
Setting 20
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88054G	46.25	74.00	-27.75	50.76	3	Horizontal	172	1.16	-	31.30	8.18	43.99			
AV	4.87508G	34.01	54.00	-19.99	38.52	3	Horizontal	172	1.16	-	31.30	8.18	43.99			
PK	7.31526G	54.29	74.00	-19.71	50.26	3	Horizontal	215	1.00	-	36.20	10.38	42.55			
AV	7.30812G	41.17	54.00	-12.83	37.15	3	Horizontal	215	1.00	-	36.20	10.38	42.56			

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

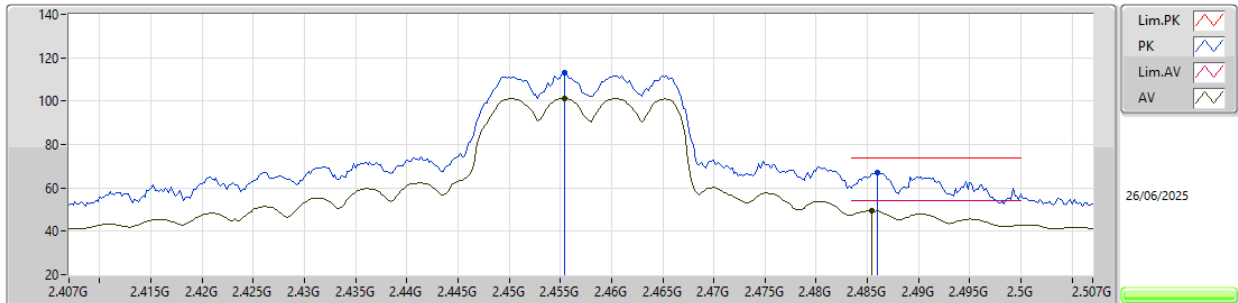
2457MHz_TX

EUT Z_2TX
Setting 17.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4658G	111.10	Inf	-Inf	121.84	3	Vertical	137	1.80	-	27.44	6.57	44.75			
AV	2.4608G	100.25	Inf	-Inf	110.95	3	Vertical	137	1.80	-	27.49	6.56	44.75			
PK	2.4864G	67.93	74.00	-6.07	78.46	3	Vertical	137	1.80	-	27.63	6.59	44.75			
AV	2.4858G	49.38	54.00	-4.62	59.92	3	Vertical	137	1.80	-	27.62	6.59	44.75			

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

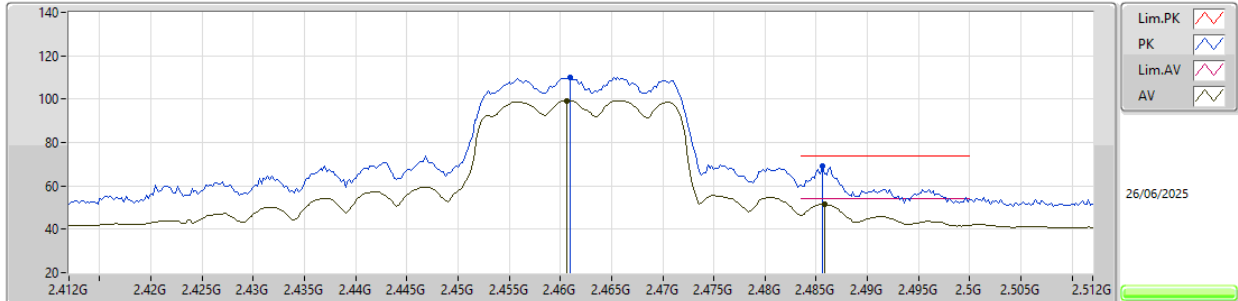
2457MHz_TX

EUT_Z_2TX
Setting 17.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4554G	113.27	Inf	-Inf	123.97	3	Horizontal	334	3.00	-	27.50	6.56	44.76			
AV	2.4554G	101.14	Inf	-Inf	111.84	3	Horizontal	334	3.00	-	27.50	6.56	44.76			
PK	2.486G	67.26	74.00	-6.74	77.80	3	Horizontal	334	3.00	-	27.62	6.59	44.75			
AV	2.4854G	49.37	54.00	-4.63	59.92	3	Horizontal	334	3.00	-	27.61	6.59	44.75			

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

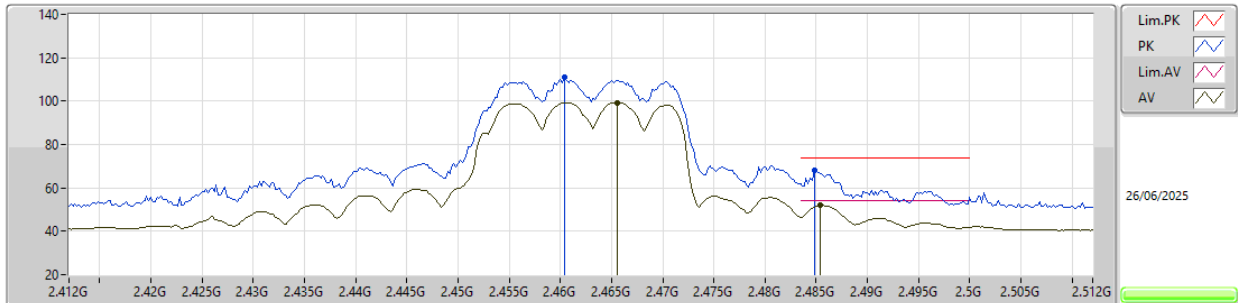
2462MHz_TX

EUT_Z_2TX
Setting 16.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.461G	109.95	Inf	-Inf	120.65	3	Vertical	134	1.80	-	27.49	6.56	44.75			
AV	2.4606G	99.36	Inf	-Inf	110.06	3	Vertical	134	1.80	-	27.49	6.56	44.75			
PK	2.4856G	68.88	74.00	-5.12	79.43	3	Vertical	134	1.80	-	27.61	6.59	44.75			
AV	2.4858G	51.50	54.00	-2.50	62.04	3	Vertical	134	1.80	-	27.62	6.59	44.75			

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

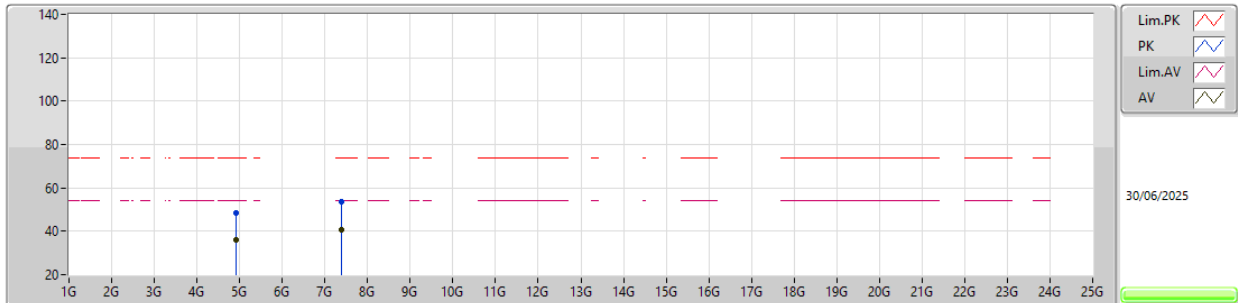
2462MHz_TX

EUT_Z_2TX
Setting 16.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4604G	110.90	Inf	-Inf	121.60	3	Horizontal	337	2.97	-	27.50	6.56	44.76			
AV	2.4656G	99.29	Inf	-Inf	110.03	3	Horizontal	337	2.97	-	27.44	6.57	44.75			
PK	2.4848G	67.94	74.00	-6.06	78.50	3	Horizontal	337	2.97	-	27.60	6.59	44.75			
AV	2.4854G	51.92	54.00	-2.08	62.47	3	Horizontal	337	2.97	-	27.61	6.59	44.75			

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

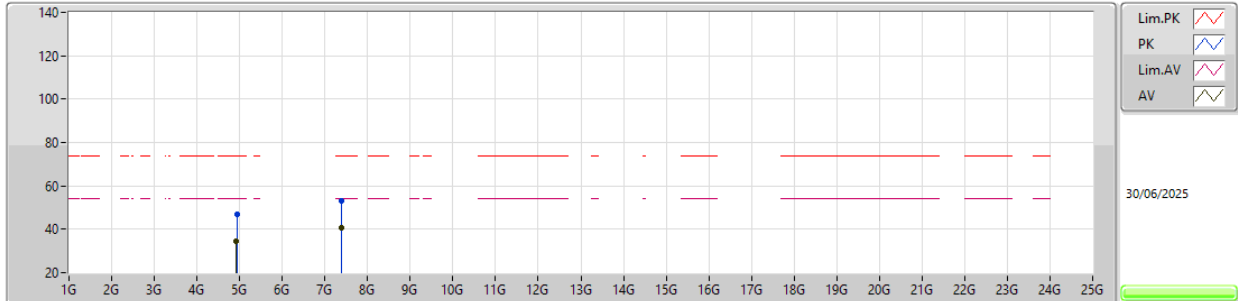
2462MHz_TX

EUT X_2TX
Setting 16.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92544G	48.31	74.00	-25.69	52.70	3	Vertical	41	2.29	-	31.35	8.23	43.97				
AV	4.9252G	35.98	54.00	-18.02	40.37	3	Vertical	41	2.29	-	31.35	8.23	43.97				
PK	7.38672G	53.59	74.00	-20.41	49.52	3	Vertical	352	1.80	-	36.13	10.45	42.51				
AV	7.38438G	40.87	54.00	-13.13	36.80	3	Vertical	352	1.80	-	36.13	10.45	42.51				

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

2462MHz_TX

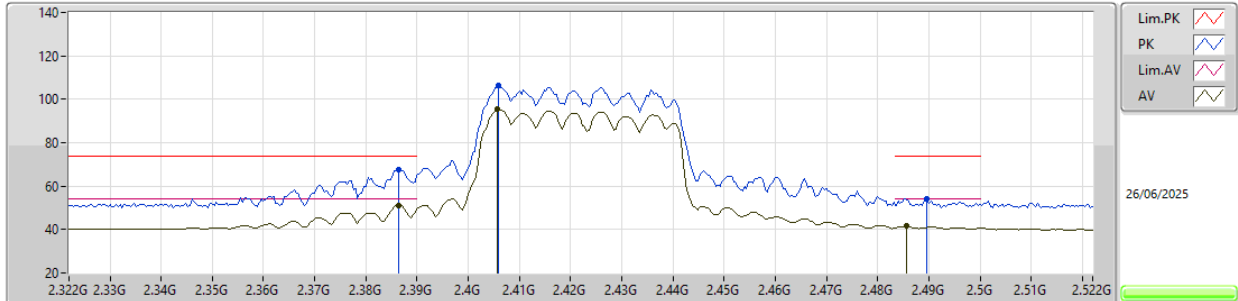


EUT_X_2TX
Setting 16.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.93492G	46.81	74.00	-27.19	51.17	3	Horizontal	172	1.18	-	31.37	8.24	43.97			
AV	4.92526G	34.50	54.00	-19.50	38.89	3	Horizontal	172	1.18	-	31.35	8.23	43.97			
PK	7.37838G	53.26	74.00	-20.74	49.19	3	Horizontal	251	1.00	-	36.14	10.44	42.51			
AV	7.38084G	40.86	54.00	-13.14	36.79	3	Horizontal	251	1.00	-	36.14	10.44	42.51			

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

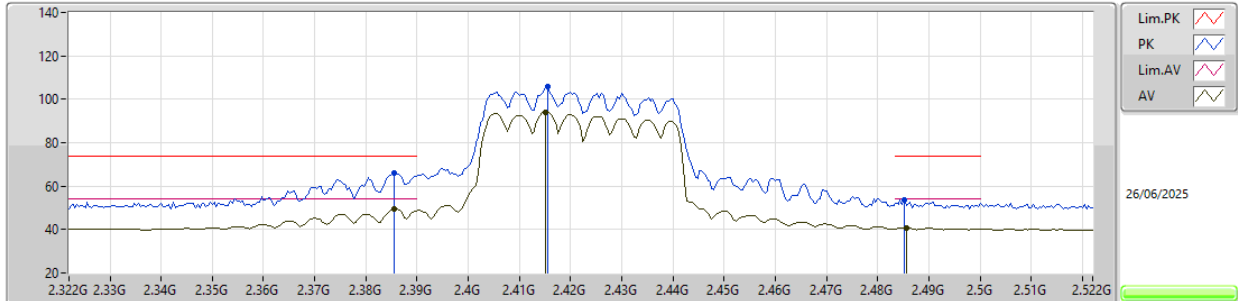
2422MHz_TX

EUT Z_2TX
Setting 14.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3864G	67.57	74.00	-6.43	78.35	3	Vertical	131	1.80	-	27.50	6.50	44.78			
AV	2.3864G	51.29	54.00	-2.71	62.07	3	Vertical	131	1.80	-	27.50	6.50	44.78			
PK	2.406G	106.28	Inf	-Inf	117.04	3	Vertical	131	1.80	-	27.50	6.52	44.78			
AV	2.4056G	95.28	Inf	-Inf	106.04	3	Vertical	131	1.80	-	27.50	6.52	44.78			
PK	2.4896G	53.95	74.00	-20.05	64.41	3	Vertical	131	1.80	-	27.69	6.59	44.74			
AV	2.4856G	41.50	54.00	-12.50	52.05	3	Vertical	131	1.80	-	27.61	6.59	44.75			

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

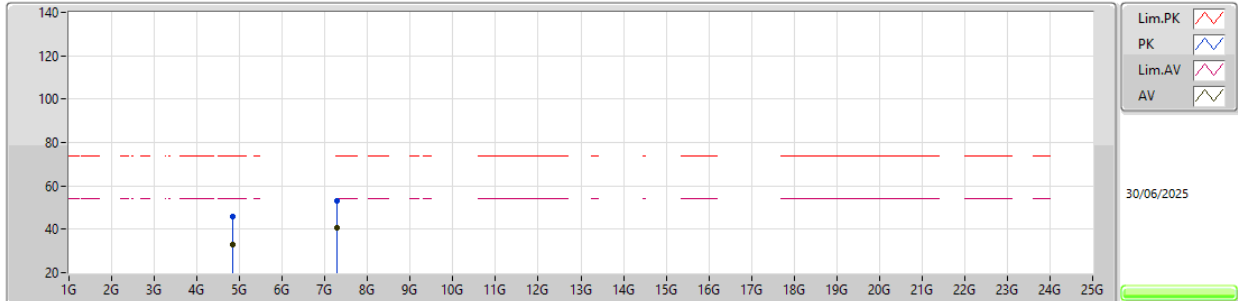
2422MHz_TX

EUT_Z_2TX
Setting 14.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3856G	66.12	74.00	-7.88	76.90	3	Horizontal	338	1.99	-	27.50	6.50	44.78			
AV	2.3856G	49.58	54.00	-4.42	60.36	3	Horizontal	338	1.99	-	27.50	6.50	44.78			
PK	2.4156G	106.00	Inf	-Inf	116.75	3	Horizontal	338	1.99	-	27.50	6.52	44.77			
AV	2.4152G	94.17	Inf	-Inf	104.92	3	Horizontal	338	1.99	-	27.50	6.52	44.77			
PK	2.4852G	53.84	74.00	-20.16	64.40	3	Horizontal	338	1.99	-	27.60	6.59	44.75			
AV	2.4856G	40.87	54.00	-13.13	51.42	3	Horizontal	338	1.99	-	27.61	6.59	44.75			

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

2422MHz_TX

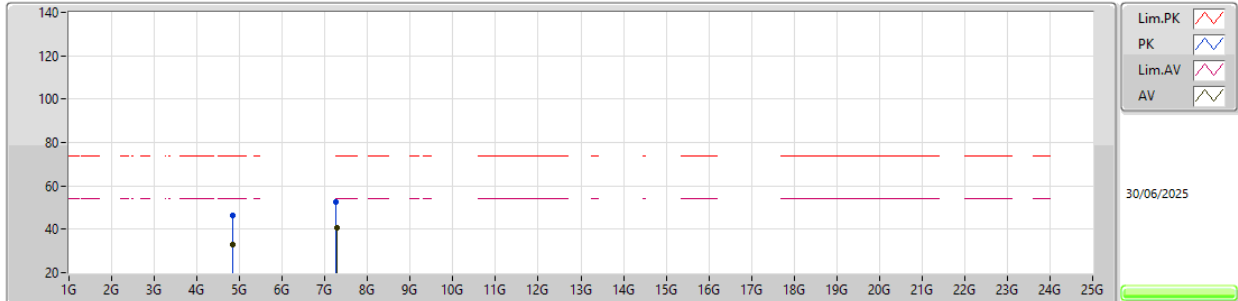


EUT_X_2TX
Setting 14.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.83626G	45.86	74.00	-28.14	50.42	3	Vertical	78	1.80	-	31.30	8.14	44.00			
AV	4.84382G	33.16	54.00	-20.84	37.71	3	Vertical	78	1.80	-	31.30	8.15	44.00			
PK	7.272G	52.97	74.00	-21.03	49.01	3	Vertical	13	1.57	-	36.20	10.34	42.58			
AV	7.28082G	40.55	54.00	-13.45	36.57	3	Vertical	13	1.57	-	36.20	10.35	42.57			

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

2422MHz_TX

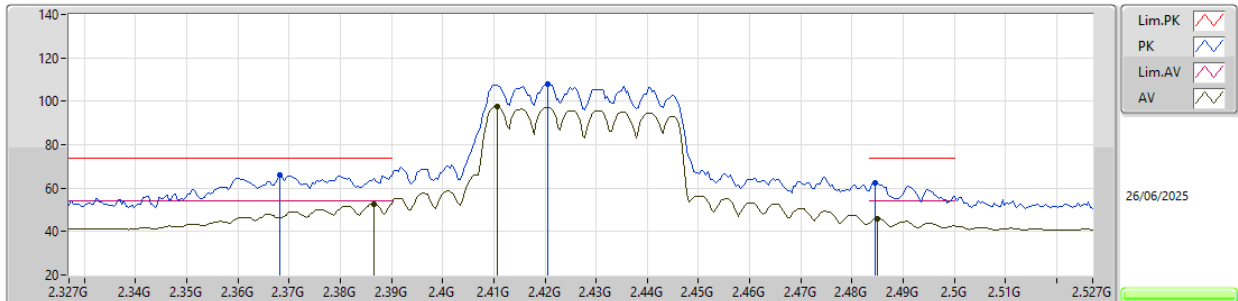


EUT_X_2TX
Setting 14.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.83926G	46.36	74.00	-27.64	50.92	3	Horizontal	115	2.31	-	31.30	8.14	44.00			
AV	4.85048G	33.14	54.00	-20.86	37.69	3	Horizontal	115	2.31	-	31.30	8.15	44.00			
PK	7.25724G	52.64	74.00	-21.36	48.70	3	Horizontal	182	1.82	-	36.20	10.33	42.59			
AV	7.2726G	40.46	54.00	-13.54	36.49	3	Horizontal	182	1.82	-	36.20	10.35	42.58			

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

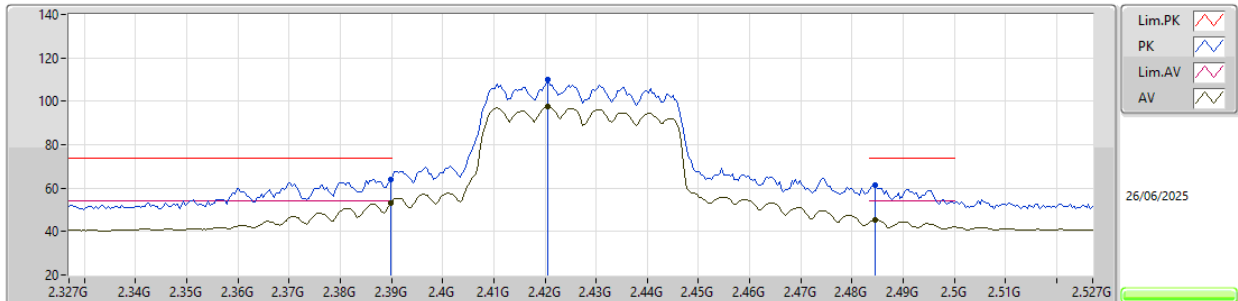
2427MHz_TX

EUT_Z_2TX
Setting 18
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3682G	65.90	74.00	-8.10	76.61	3	Vertical	133	1.02	-	27.60	6.48	44.79			
AV	2.3866G	52.59	54.00	-1.41	63.37	3	Vertical	133	1.02	-	27.50	6.50	44.78			
PK	2.4206G	107.79	Inf	-Inf	118.53	3	Vertical	133	1.02	-	27.50	6.53	44.77			
AV	2.4106G	97.81	Inf	-Inf	108.56	3	Vertical	133	1.02	-	27.50	6.52	44.77			
PK	2.4846G	62.42	74.00	-11.58	72.99	3	Vertical	133	1.02	-	27.59	6.59	44.75			
AV	2.485G	45.84	54.00	-8.16	56.40	3	Vertical	133	1.02	-	27.60	6.59	44.75			

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

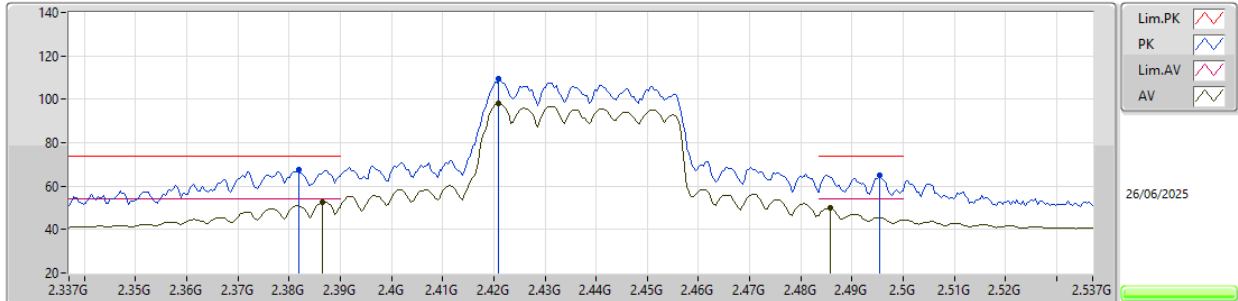
2427MHz_TX

EUT_Z_2TX
Setting 18
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	64.12	74.00	-9.88	74.90	3	Horizontal	334	2.82	-	27.50	6.50	44.78			
AV	2.3898G	52.88	54.00	-1.12	63.66	3	Horizontal	334	2.82	-	27.50	6.50	44.78			
PK	2.4206G	109.79	Inf	-Inf	120.53	3	Horizontal	334	2.82	-	27.50	6.53	44.77			
AV	2.4206G	97.49	Inf	-Inf	108.23	3	Horizontal	334	2.82	-	27.50	6.53	44.77			
PK	2.4846G	61.59	74.00	-12.41	72.16	3	Horizontal	334	2.82	-	27.59	6.59	44.75			
AV	2.4846G	45.55	54.00	-8.45	56.12	3	Horizontal	334	2.82	-	27.59	6.59	44.75			

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

2437MHz_TX

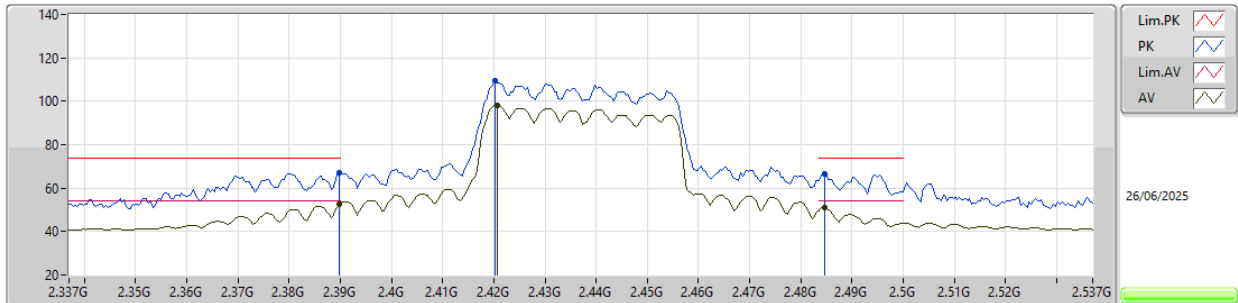


EUT Z_2TX
Setting 18.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3818G	67.40	74.00	-6.60	78.19	3	Vertical	131	1.80	-	27.50	6.49	44.78			
AV	2.3866G	52.71	54.00	-1.29	63.49	3	Vertical	131	1.80	-	27.50	6.50	44.78			
PK	2.421G	109.28	Inf	-Inf	120.02	3	Vertical	131	1.80	-	27.50	6.53	44.77			
AV	2.421G	98.02	Inf	-Inf	108.76	3	Vertical	131	1.80	-	27.50	6.53	44.77			
PK	2.4954G	64.95	74.00	-9.05	75.44	3	Vertical	131	1.80	-	27.65	6.60	44.74			
AV	2.4858G	49.80	54.00	-4.20	60.34	3	Vertical	131	1.80	-	27.62	6.59	44.75			

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

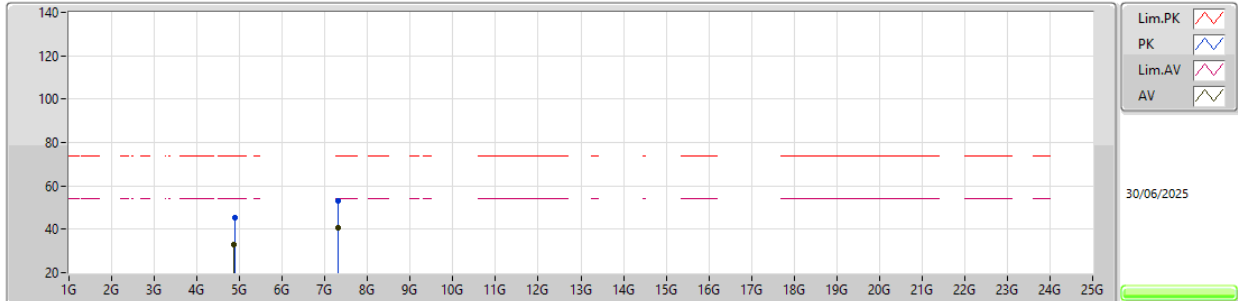
2437MHz_TX

EUT Z_2TX
Setting 18.5
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	67.18	74.00	-6.82	77.96	3	Horizontal	334	2.80	-	27.50	6.50	44.78			
AV	2.3898G	52.37	54.00	-1.63	63.15	3	Horizontal	334	2.80	-	27.50	6.50	44.78			
PK	2.4202G	109.35	Inf	-Inf	120.09	3	Horizontal	334	2.80	-	27.50	6.53	44.77			
AV	2.4206G	98.22	Inf	-Inf	108.96	3	Horizontal	334	2.80	-	27.50	6.53	44.77			
PK	2.4846G	66.76	74.00	-7.24	77.33	3	Horizontal	334	2.80	-	27.59	6.59	44.75			
AV	2.4846G	50.98	54.00	-3.02	61.55	3	Horizontal	334	2.80	-	27.59	6.59	44.75			

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

2437MHz_TX

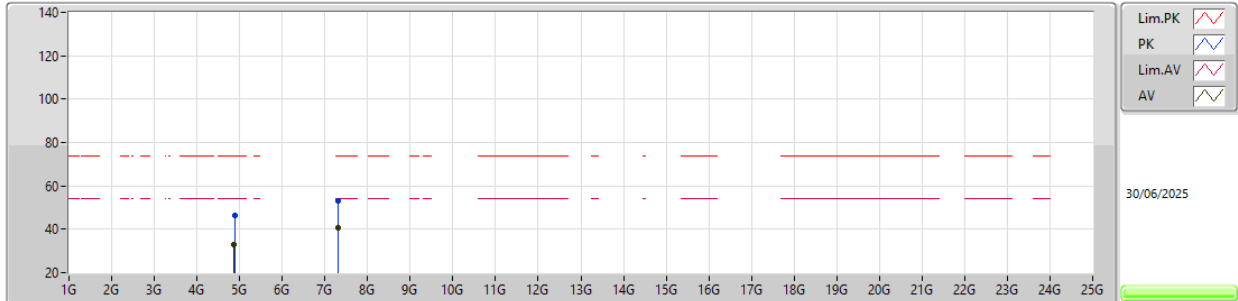


EUT_X_2TX
Setting 18.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.88234G	45.45	74.00	-28.55	49.95	3	Vertical	74	2.39	-	31.30	8.19	43.99				
AV	4.85966G	32.96	54.00	-21.04	37.49	3	Vertical	74	2.39	-	31.30	8.16	43.99				
PK	7.31922G	53.11	74.00	-20.89	49.07	3	Vertical	191	1.73	-	36.20	10.39	42.55				
AV	7.30032G	40.56	54.00	-13.44	36.55	3	Vertical	191	1.73	-	36.20	10.37	42.56				

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

2437MHz_TX

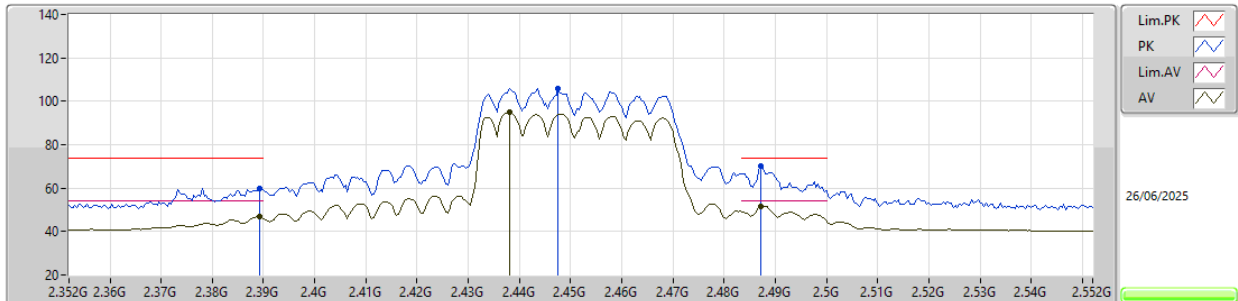


EUT_X_2TX
Setting 18.5
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87952G	46.50	74.00	-27.50	51.01	3	Horizontal	210	2.82	-	31.30	8.18	43.99			
AV	4.85948G	33.10	54.00	-20.90	37.63	3	Horizontal	210	2.82	-	31.30	8.16	43.99			
PK	7.30668G	53.13	74.00	-20.87	49.11	3	Horizontal	106	2.59	-	36.20	10.38	42.56			
AV	7.29714G	40.54	54.00	-13.46	36.53	3	Horizontal	106	2.59	-	36.20	10.37	42.56			

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

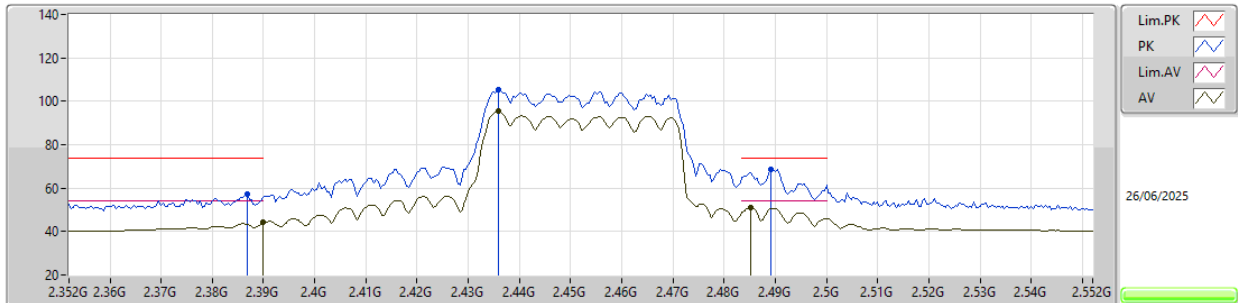
2452MHz_TX

EUT_Z_2TX
Setting 17
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3892G	59.83	74.00	-14.17	70.61	3	Vertical	160	1.80	-	27.50	6.50	44.78			
AV	2.3892G	46.82	54.00	-7.18	57.60	3	Vertical	160	1.80	-	27.50	6.50	44.78			
PK	2.4476G	106.03	Inf	-Inf	116.74	3	Vertical	160	1.80	-	27.50	6.55	44.76			
AV	2.438G	94.93	Inf	-Inf	105.65	3	Vertical	160	1.80	-	27.50	6.54	44.76			
PK	2.4872G	69.95	74.00	-4.05	80.46	3	Vertical	160	1.80	-	27.64	6.59	44.74			
AV	2.4872G	51.76	54.00	-2.24	62.27	3	Vertical	160	1.80	-	27.64	6.59	44.74			

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

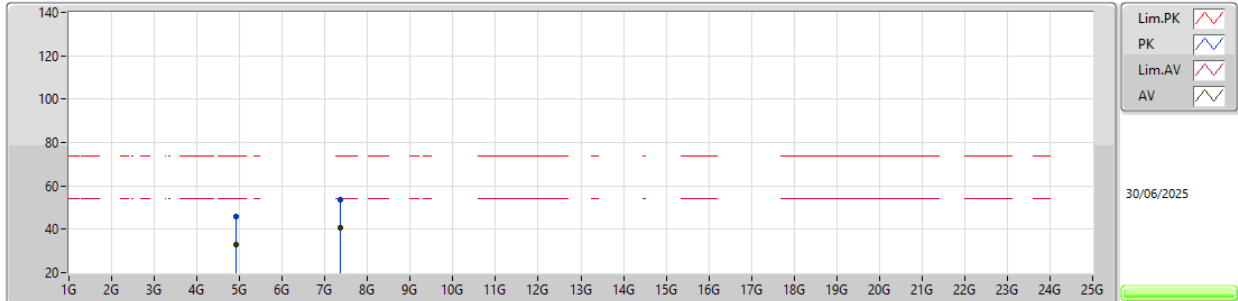
2452MHz_TX

EUT_Z_2TX
Setting 17
04-I-V-1-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3868G	57.07	74.00	-16.93	67.85	3	Horizontal	334	2.77	-	27.50	6.50	44.78			
AV	2.39G	44.06	54.00	-9.94	54.84	3	Horizontal	334	2.77	-	27.50	6.50	44.78			
PK	2.436G	105.23	Inf	-Inf	115.95	3	Horizontal	334	2.77	-	27.50	6.54	44.76			
AV	2.436G	95.33	Inf	-Inf	106.05	3	Horizontal	334	2.77	-	27.50	6.54	44.76			
PK	2.4892G	68.55	74.00	-5.45	79.02	3	Horizontal	334	2.77	-	27.68	6.59	44.74			
AV	2.4852G	50.78	54.00	-3.22	61.34	3	Horizontal	334	2.77	-	27.60	6.59	44.75			

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

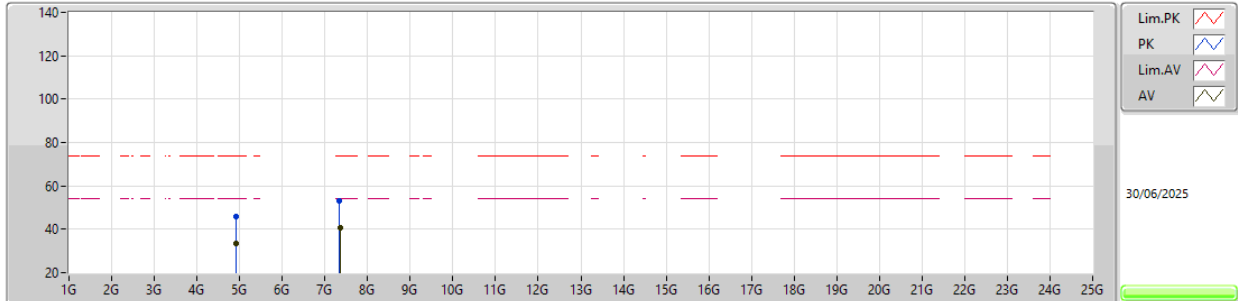
2452MHz_TX

EUT_X_2TX
Setting 17
04-I-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.90646G	45.65	74.00	-28.35	50.11	3	Vertical	272	1.54	-	31.31	8.21	43.98			
AV	4.91768G	33.01	54.00	-20.99	37.43	3	Vertical	272	1.54	-	31.34	8.22	43.98			
PK	7.36098G	53.63	74.00	-20.37	49.55	3	Vertical	235	1.71	-	36.18	10.42	42.52			
AV	7.36188G	40.76	54.00	-13.24	36.67	3	Vertical	235	1.71	-	36.18	10.43	42.52			

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

2452MHz_TX



EUT_X_2TX
Setting 17
04-I-V-1

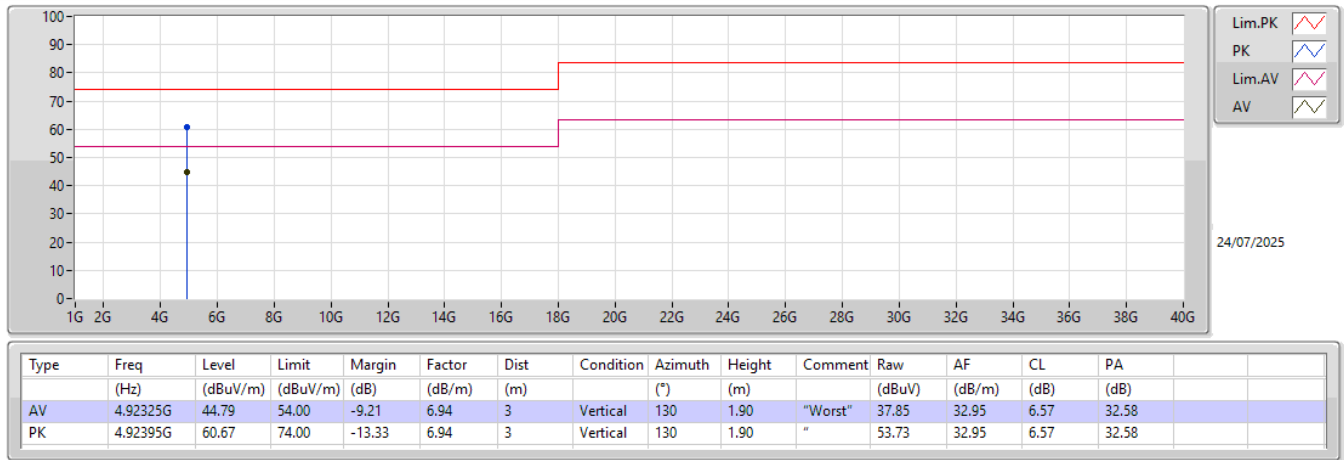
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.91612G	45.93	74.00	-28.07	50.36	3	Horizontal	199	2.96	-	31.33	8.22	43.98			
AV	4.91882G	33.21	54.00	-20.79	37.63	3	Horizontal	199	2.96	-	31.34	8.22	43.98			
PK	7.34502G	52.99	74.00	-21.01	48.91	3	Horizontal	48	2.77	-	36.20	10.41	42.53			
AV	7.3701G	40.79	54.00	-13.21	36.72	3	Horizontal	48	2.77	-	36.16	10.43	42.52			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.92325G	44.79	54.00	-9.21	Vertical

Mode 1



Mode 1

