



RADIO TEST REPORT

FCC ID : HEDOAP103
Equipment : Outdoor Access Point
Brand Name : Edgecore
Model Name : OAP103
Applicant : Accton Technology Corporation
No. 1, Zhihui 1st Rd., Zhubei City , Hsinchu County 302 Taiwan
Manufacturer : Accton Technology Corporation
No. 1, Zhihui 1st Rd., Zhubei City , Hsinchu County 302 Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 12, 2025, and testing was started from Mar. 20, 2025 and completed on May 21, 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 C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	9
2 Test Configuration of EUT	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration	11
2.3 EUT Operation during Test	12
2.4 Accessories	12
2.5 Support Equipment.....	12
2.6 Test Setup Diagram	14
3 Transmitter Test Result	17
3.1 AC Power-line Conducted Emissions	17
3.2 DTS Bandwidth.....	19
3.3 Maximum Conducted Output Power	20
3.4 Power Spectral Density	23
3.5 Emissions in Non-restricted Frequency Bands	25
3.6 Emissions in Restricted Frequency Bands.....	26
4 Test Equipment and Calibration Data	30
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of DTS Bandwidth	
Appendix C. Test Results of Maximum Conducted Output Power	
Appendix D. Test Results of Power Spectral Density	
Appendix E. Test Results of Emissions in Non-restricted Frequency Bands	
Appendix F. Test Results of Emissions in Restricted Frequency Bands	
Appendix G. Test Results of Radiated Emission Co-location	
Appendix H. Test Photos	
Photographs of EUT v01	



History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10 10 Ver1.3

Page Number : 3 of 32
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Report Version : 01



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: Muse Chan



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), 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, 1024QAM 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**

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ACCTON Technology Corporation	120G00000256A	PCB	I-PEX	Note 1
2	ACCTON Technology Corporation	120G00000257A	PCB	I-PEX	
3	ACCTON Technology Corporation	120G00000258A	PCB	I-PEX	
4	ACCTON Technology Corporation	120G00000259A	PCB	I-PEX	

Note1:

Ant.	Port	Gain (dBi)		
		Bluetooth	2.4GHz	5GHz
1	1	-	5.53	6.90
2	2	-	5.74	6.87
3	4	5.13	-	6.25
4	3	-	-	6.21

Note 2: The above information was declared by manufacturer.

Note 3: 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	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

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

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

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

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

Where ;

$$2.4G \ G1 = 5.53 \text{ dBi} ; G2 = 5.74 \text{ dBi} ;$$

$$5G \ UNII-1 \ G1 = 6.90 \text{ dBi} ; G2 = 6.87 \text{ dBi} ; G3 = 6.25 \text{ dBi} ; G4 = 6.21 \text{ dBi}$$

$$5G \ UNII-2A \ G1 = 6.90 \text{ dBi} ; G2 = 6.87 \text{ dBi} ; G3 = 6.25 \text{ dBi} ; G4 = 6.21 \text{ dBi}$$

$$5G \ UNII-2C \ G1 = 6.90 \text{ dBi} ; G2 = 6.87 \text{ dBi} ; G3 = 6.25 \text{ dBi} ; G4 = 6.21 \text{ dBi}$$

$$5G \ UNII-3 \ G1 = 6.90 \text{ dBi} ; G2 = 6.87 \text{ dBi} ; G3 = 6.25 \text{ dBi} ; G4 = 6.21 \text{ dBi}$$

$$2.4G \ DG = 8.65 \text{ dBi}$$

$$5G \ UNII-1 \ DG = 12.58 \text{ dBi}$$

$$5G \ UNII-2A \ DG = 12.58 \text{ dBi}$$

$$5G \ UNII-2C \ DG = 12.58 \text{ dBi}$$

$$5G \ UNII-3 \ DG = 12.58 \text{ dBi}$$

Note 4: **For WLAN 2.4GHz function:**

For IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For WLAN 5GHz function:

For IEEE 802.11a/n/ac/ax mode (4TX/4RX):

Port 1~4 can be use as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously

For Bluetooth function:

For Bluetooth mode (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss 1,(1D)	0.948	0.23	11.825m	100
802.11g_Nss 1,(6D)	0.955	0.2	1.976m	1k
802.11ax HEW20_Nss 1,(M0)	0.951	0.22	5.445m	200
802.11ax HEW40_Nss 1,(M0)	0.849	0.71	5.445m	200
802.11ax HEW20-BF_Nss 1,(M0)	0.951	0.22	5.445m	200
802.11ax HEW40-BF_Nss 1,(M0)	0.849	0.71	5.445m	200

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	Power from PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QRCT(version 4.0.00134.0)			

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 C63.10-2013

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 ISED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Stim Sung	21.8~22.3 / 57~61	Mar. 21, 2025~ Mar. 28, 2025
Radiated below 1GHz	03CH04-CB	George Fan	21.4~22.6 / 57~61	Mar. 26, 2025
Radiated above 1GHz	03CH03-CB	Jack Teng	21.6~23.1 / 58~62	Mar. 20, 2025~ May 21, 2025
Radiated co-location emission	03CH04-CB	Jack Teng	21.4~22.6 / 57~61	Mar. 20, 2025~ May 21, 2025
AC Conduction	CO01-CB	Tim Chen	21~22 / 62~63	Mar. 28, 2025

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
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%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2447MHz
2452MHz
802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2447MHz
2452MHz

Note:

- ♦ HEW20 / HEW40 covers HT20 / HT40 / VHT20 / VHT40 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 is the same or lower than HEW20 / HEW40.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. 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	Normal Link
1	EUT + PoE

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis + PoE
Operating Mode > 1GHz	CTX After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis

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, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Y axis_WLAN 2.4GHz + WLAN 5GHz
2	EUT in Y axis_Bluetooth + WLAN 5GHz
For operating mode 2 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	Bluetooth + WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA4D1154 for Co-location RF Exposure Evaluation.	

Note: The PoE is for measurement only, would not be marketed.

PoE information as below:

Power	Brand	Model
PoE	Cambium	NET-P30-56IN

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

Others
Sealing Collar*2
Pole mounting kit*1
Wall mounting kit*1
Steel hose clamp*2
RJ-45 cable*2: Shielded, 0.26m (Installed inside the EUT)

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P30-56IN	N/A
B	Uplink (PoE In) PC	ASUS	S300TA	TX2-RTL8821CE
C	2.4G NB	Lenovo	X260	N/A
D	5G NB	Lenovo	X260	N/A
E	Smart phone	Samsung	Galaxy J2	A3LSMJ200Y
F	LAN PC	ASUS	S300TA	TX2-RTL8821CE

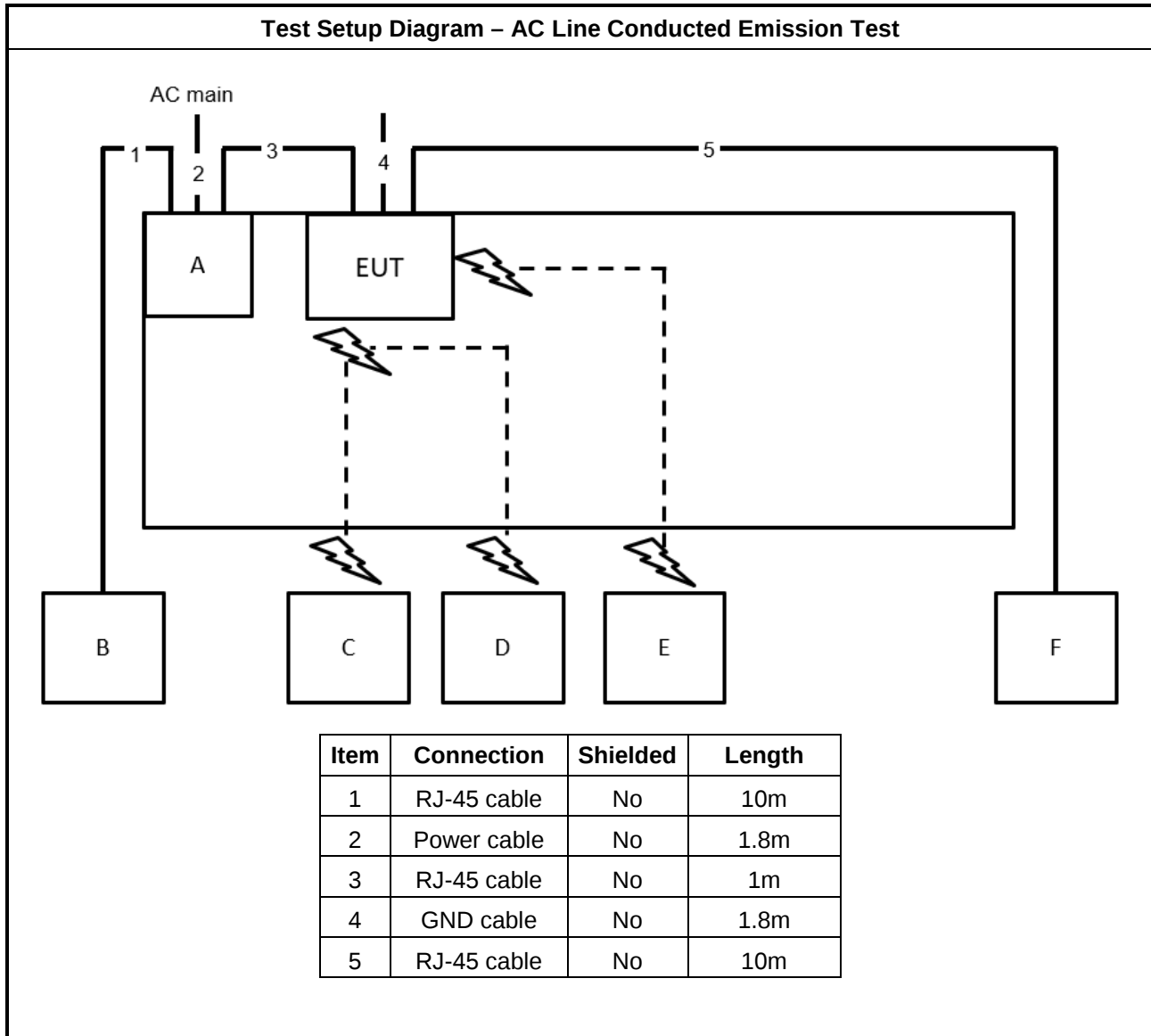
**For Radiated (below 1GHz):**

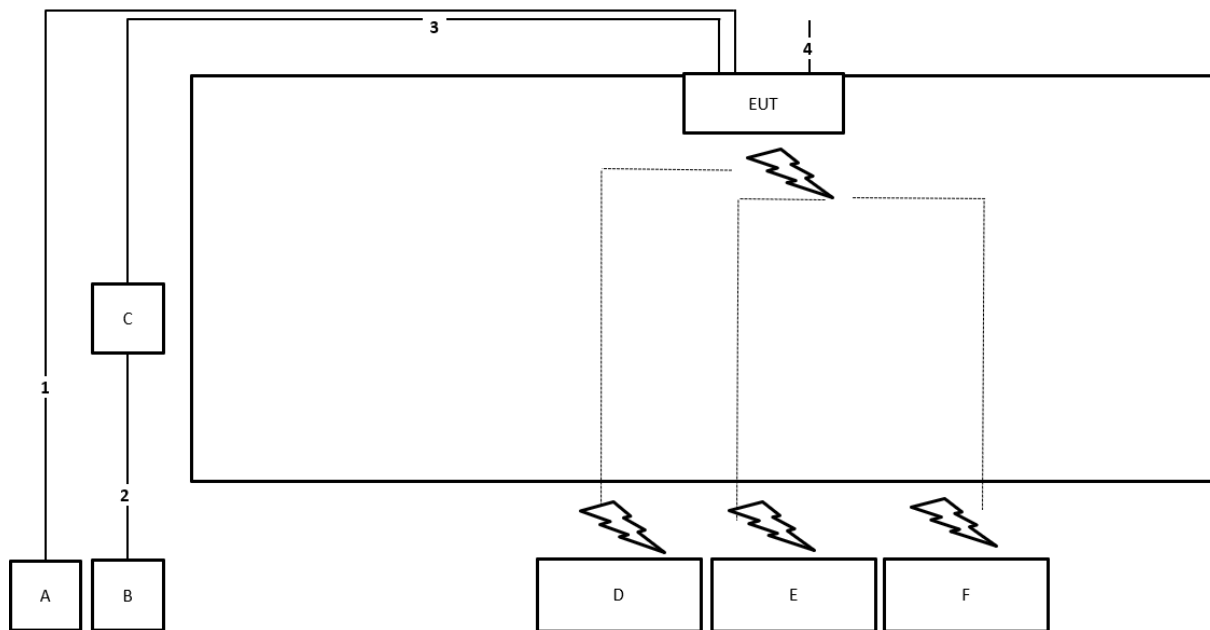
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E4300	N/A
B	Uplink (PoE In) NB	DELL	E4300	N/A
C	PoE	Cambium	NET-P30-56IN	N/A
D	2.4G NB	DELL	E4300	N/A
E	5G NB	DELL	E4300	N/A
F	Smart phone	Samsung	Galaxy J2	A3LSMJ200Y

For Radiated (above 1GHz) and RF Conducted:

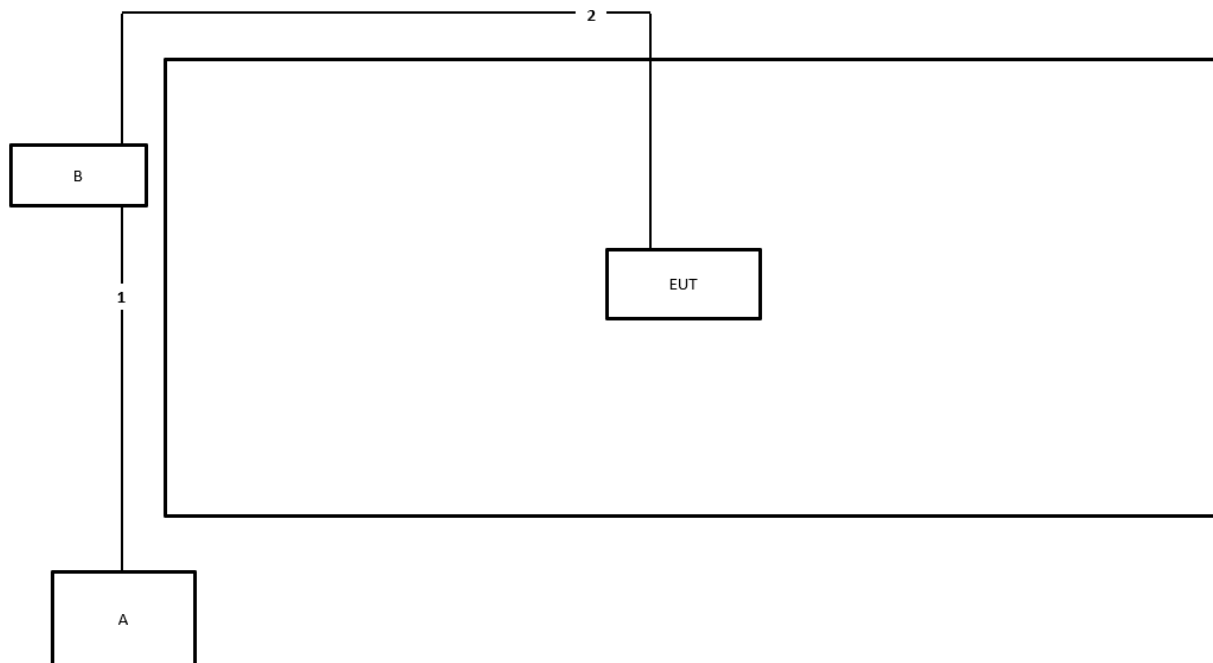
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Ground cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1m
2	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

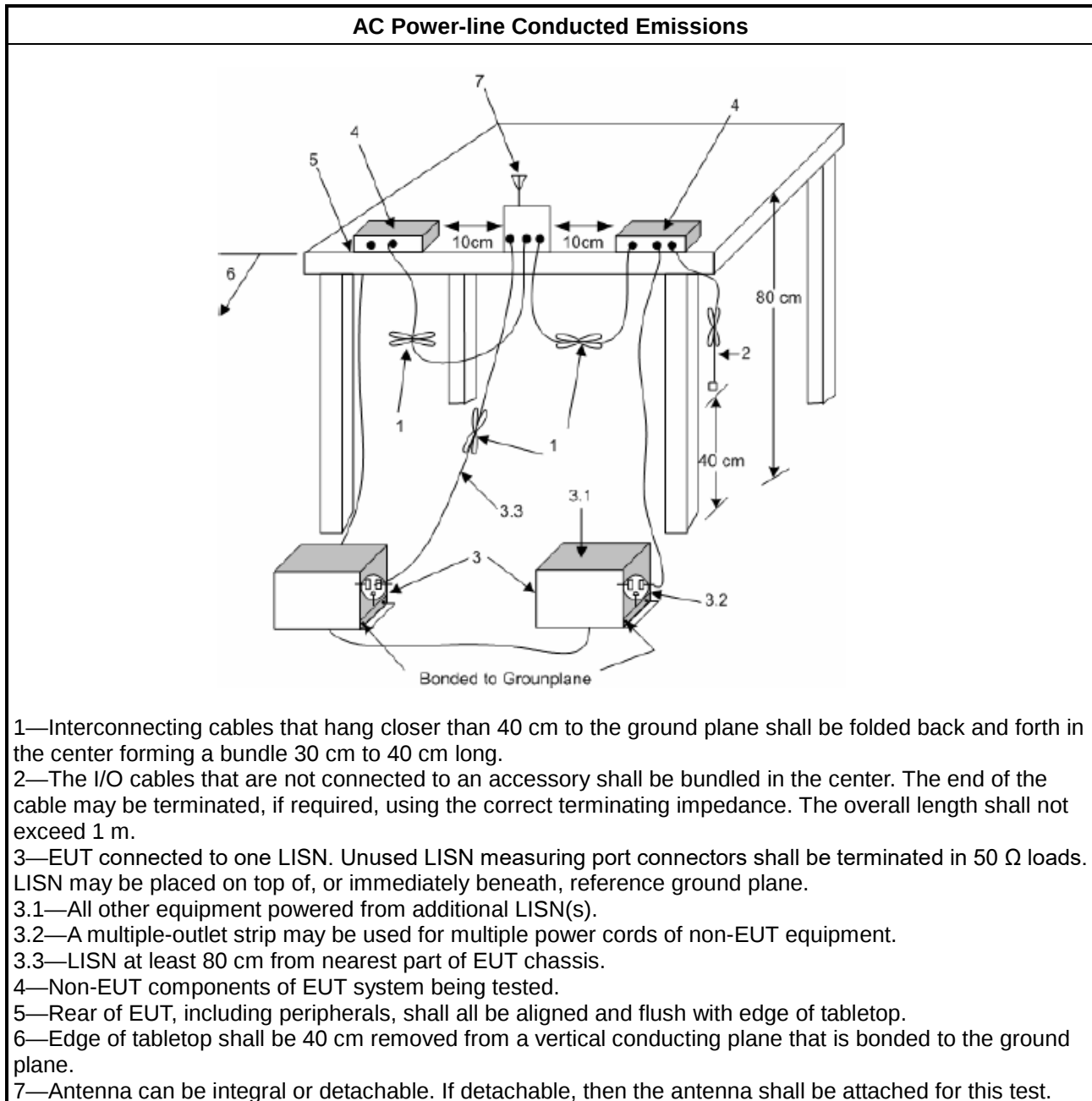
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 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.

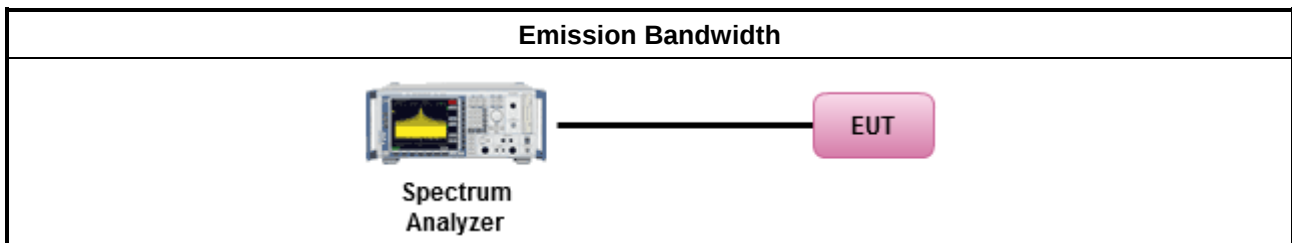
3.2.2 Measuring Instruments

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

Maximum Conducted Output Power (Power Meter)




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

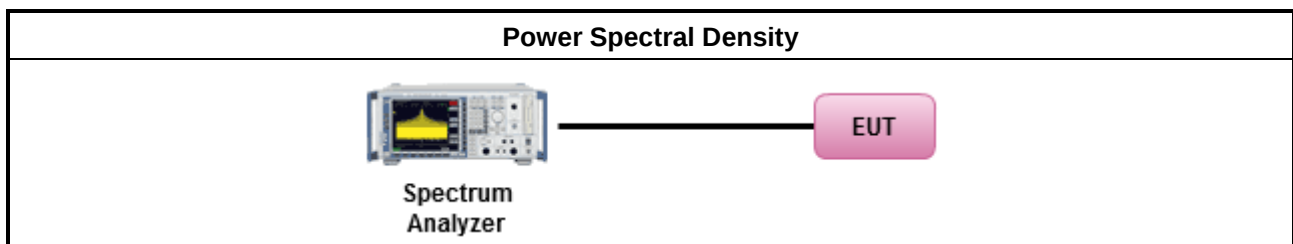
3.4.2 Measuring Instruments

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.	

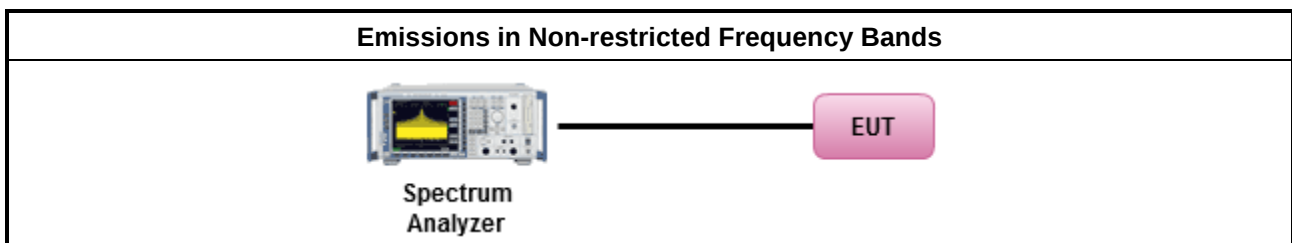
3.5.2 Measuring Instruments

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.

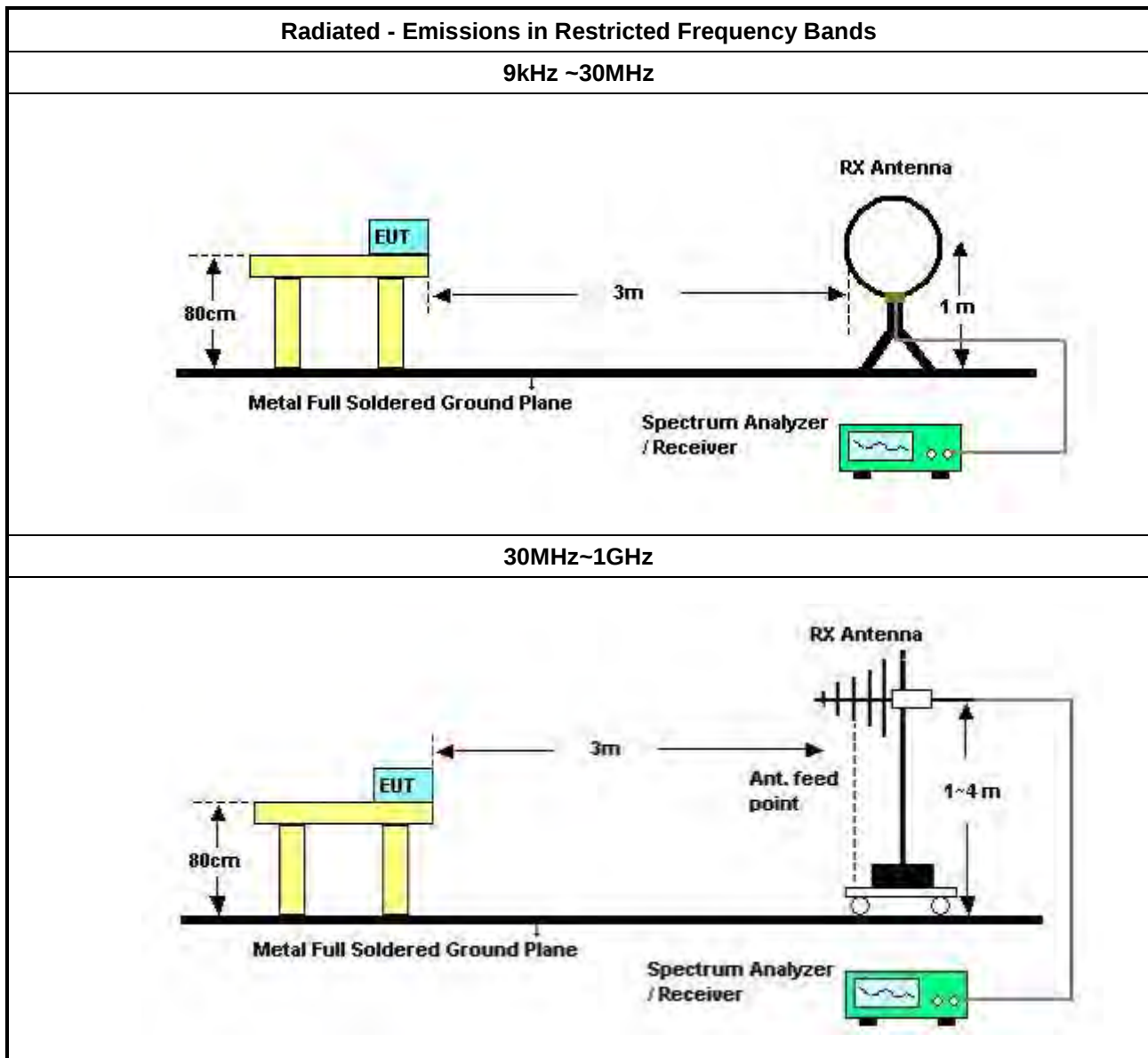
3.6.2 Measuring Instruments

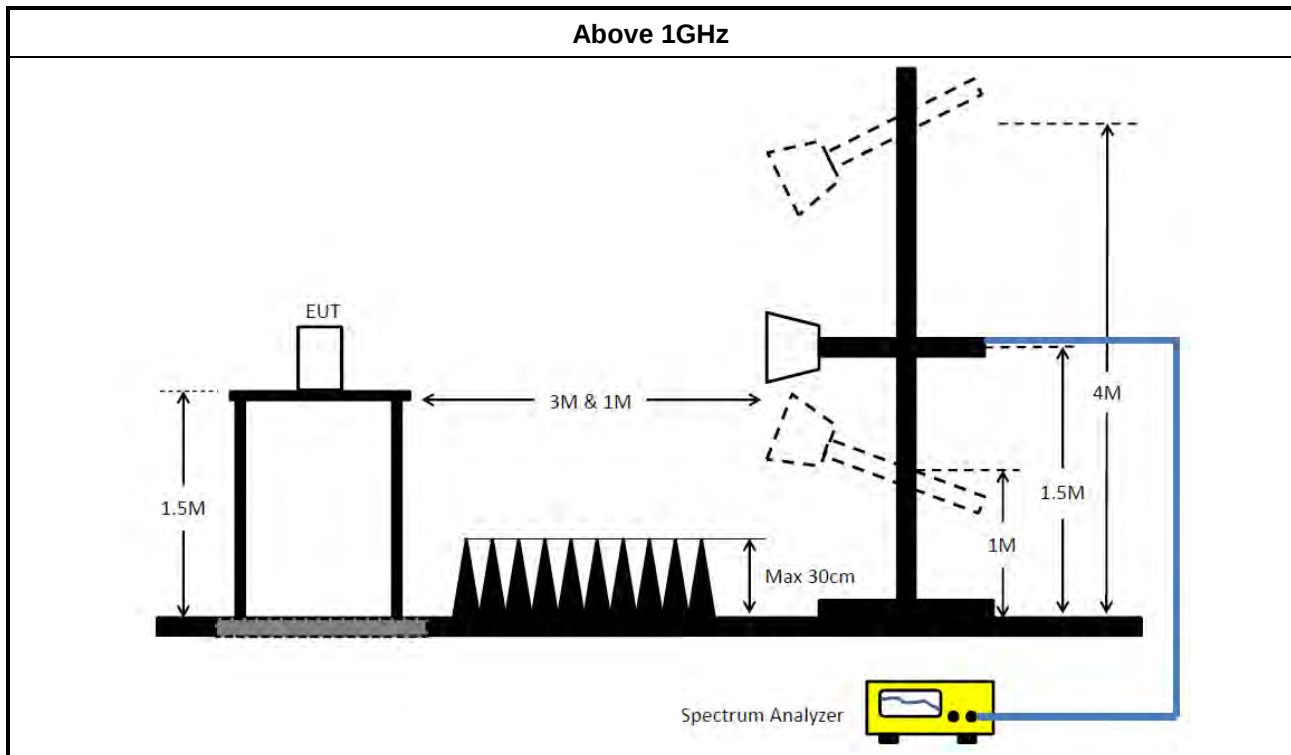
Refer a test equipment and calibration data table in this test report.

**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	Apr. 24, 2024	Apr. 23, 2025	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	Low 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. 16, 2024	Oct. 15, 2025	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz~1 GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCi	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 05, 2024	Oct. 04, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
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-1524 7_DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 27, 2024	Aug. 26, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)



RADIO TEST REPORT

Report No. : FR4D1154AA

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-1524 7_DTS	V5.11.23	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

NCR means Non-Calibration required.



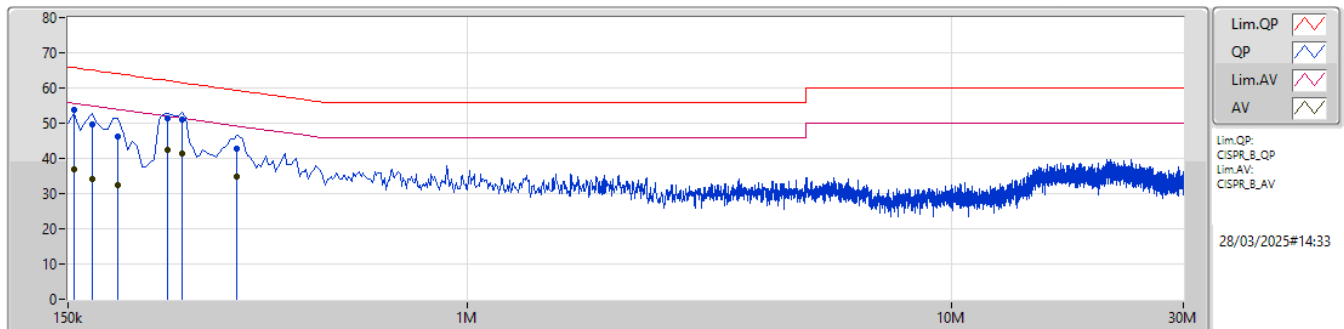
Conducted Emissions at Powerline

Appendix A

Summary

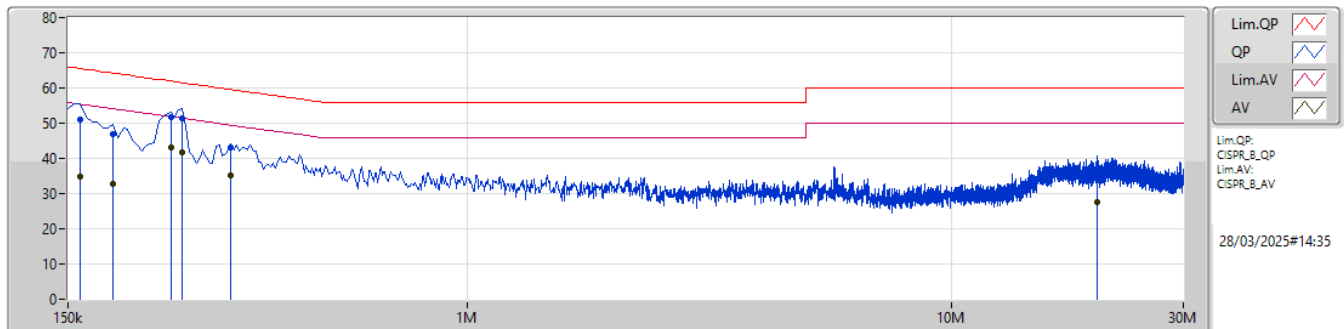
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	244.5k	43.21	51.95	-8.74	Neutral

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	53.76	65.75	-11.99	10.04	Line	-	43.72	0.04	0.08	9.92						
AV	154.5k	36.77	55.75	-18.98	10.04	Line	-	26.73	0.04	0.08	9.92						
QP	168k	49.80	65.06	-15.26	10.05	Line	-	39.75	0.04	0.08	9.93						
AV	168k	34.19	55.06	-20.87	10.05	Line	-	24.14	0.04	0.08	9.93						
QP	190.5k	46.16	64.01	-17.85	10.05	Line	-	36.11	0.04	0.07	9.94						
AV	190.5k	32.28	54.01	-21.73	10.05	Line	-	22.23	0.04	0.07	9.94						
QP	240k	51.36	62.10	-10.74	10.10	Line	-	41.26	0.04	0.08	9.98						
AV	240k	42.53	52.10	-9.57	10.10	Line	"Worst"	32.43	0.04	0.08	9.98						
QP	258k	50.92	61.49	-10.57	10.11	Line	-	40.81	0.04	0.08	9.99						
AV	258k	41.35	51.49	-10.14	10.11	Line	-	31.24	0.04	0.08	9.99						
QP	334.5k	42.76	59.35	-16.59	10.17	Line	-	32.59	0.05	0.09	10.03						
AV	334.5k	34.72	49.35	-14.63	10.17	Line	-	24.55	0.05	0.09	10.03						

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	50.88	65.52	-14.64	10.06	Neutral	-	40.82	0.06	0.08	9.92						
AV	159k	34.73	55.52	-20.79	10.06	Neutral	-	24.67	0.06	0.08	9.92						
QP	186k	47.02	64.20	-17.18	10.07	Neutral	-	36.95	0.06	0.07	9.94						
AV	186k	32.60	54.20	-21.60	10.07	Neutral	-	22.53	0.06	0.07	9.94						
QP	244.5k	51.81	61.95	-10.14	10.12	Neutral	-	41.69	0.06	0.08	9.98						
AV	244.5k	43.21	51.95	-8.74	10.12	Neutral	"Worst"	33.09	0.06	0.08	9.98						
QP	258k	51.25	61.49	-10.24	10.13	Neutral	-	41.12	0.06	0.08	9.99						
AV	258k	41.76	51.49	-9.73	10.13	Neutral	-	31.63	0.06	0.08	9.99						
QP	325.5k	43.12	59.56	-16.44	10.18	Neutral	-	32.94	0.06	0.09	10.03						
AV	325.5k	35.09	49.56	-14.47	10.18	Neutral	-	24.91	0.06	0.09	10.03						
QP	19.964M	34.12	60.00	-25.88	10.57	Neutral	-	23.55	0.30	0.33	9.94						
AV	19.964M	27.46	50.00	-22.54	10.57	Neutral	-	16.89	0.30	0.33	9.94						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.025M	14.276M	14M3G1D	7.075M	12.97M
802.11g_Nss1,(6Mbps)_2TX	16.4M	16.66M	16M7D1D	15.775M	16.354M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.05M	19.052M	19M1D1D	16.625M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.05M	37.766M	37M8D1D	34.35M	37.625M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	13.266M	7.55M	13.178M
2437MHz	Pass	500k	8.025M	14.276M	7.525M	13.995M
2462MHz	Pass	500k	7.45M	13.029M	7.6M	12.97M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.388M	16.375M	16.406M
2437MHz	Pass	500k	15.775M	16.64M	16.35M	16.66M
2462MHz	Pass	500k	16.4M	16.354M	16.3M	16.371M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.9M	18.913M	18.625M	18.928M
2437MHz	Pass	500k	16.625M	19.001M	18.925M	19.052M
2462MHz	Pass	500k	19M	18.991M	19.05M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.35M	37.744M	37.55M	37.625M
2437MHz	Pass	500k	37.95M	37.766M	37.25M	37.73M
2452MHz	Pass	500k	37.15M	37.754M	38.05M	37.694M

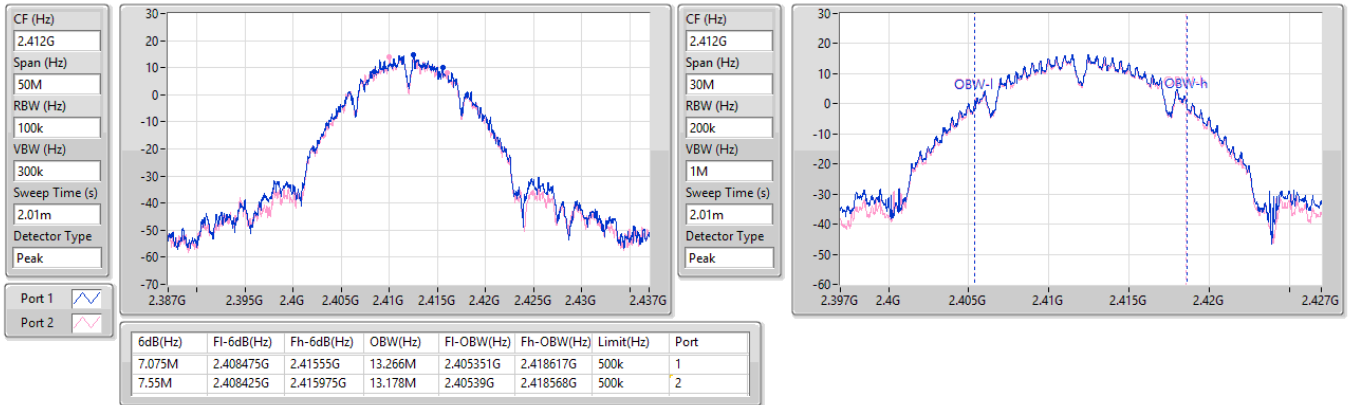
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

27/03/2025

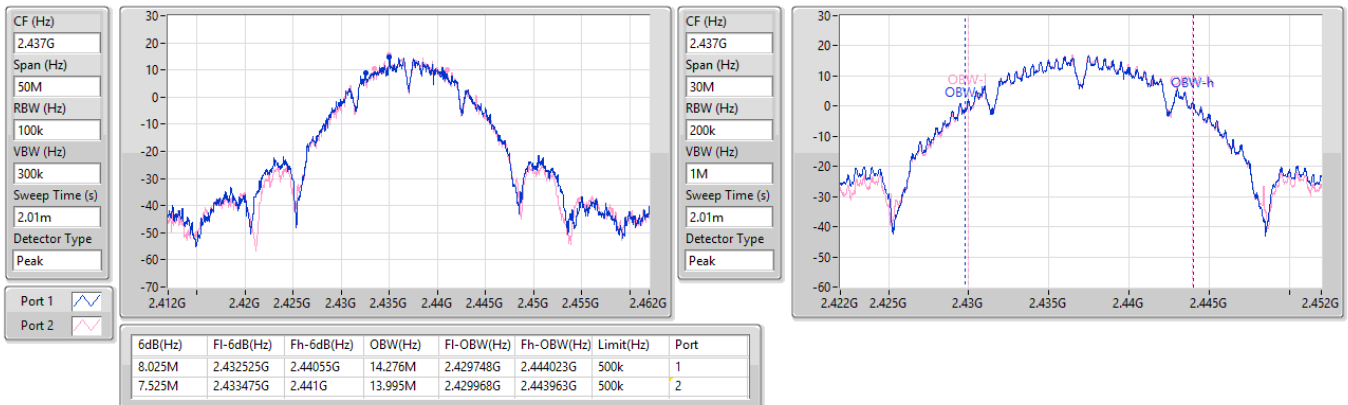


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

27/03/2025

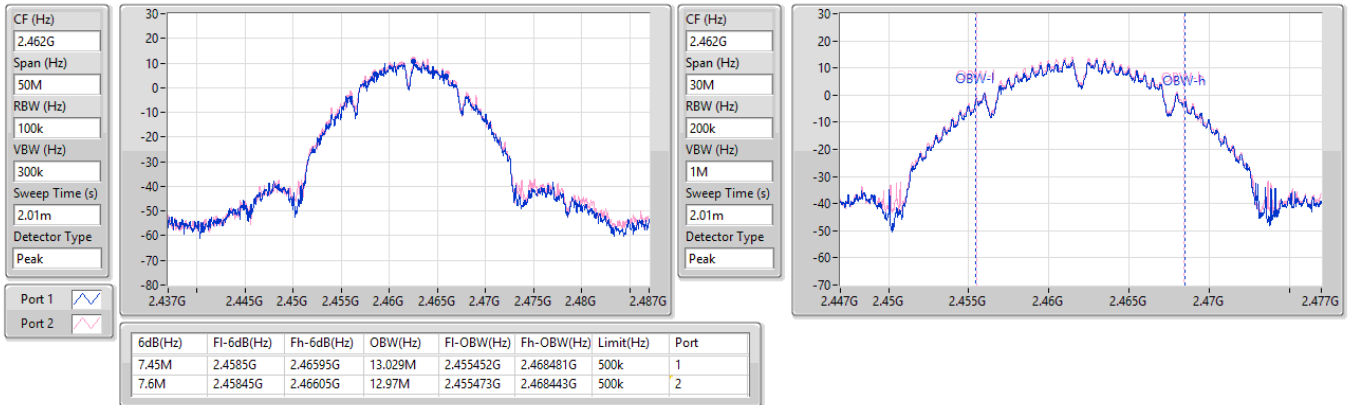


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

27/03/2025

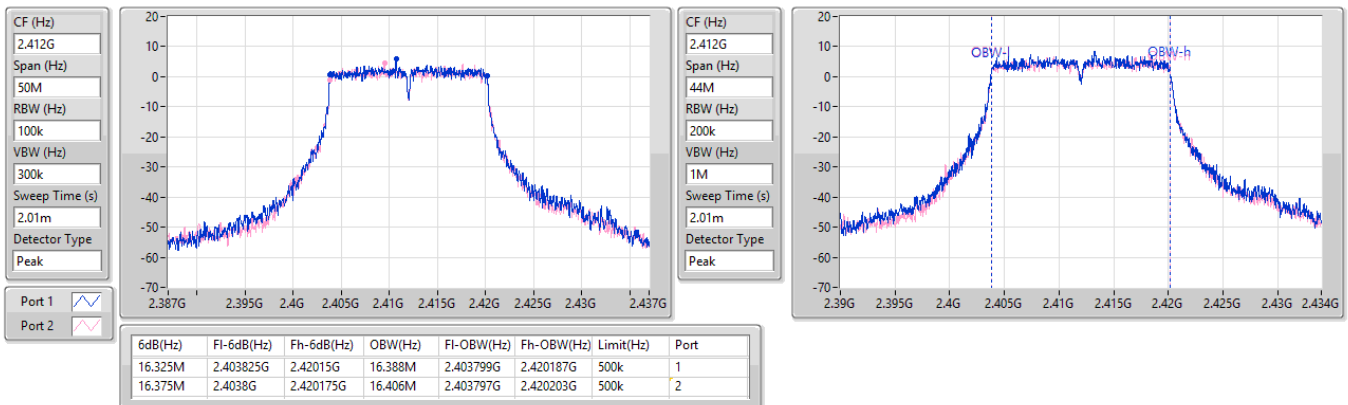


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

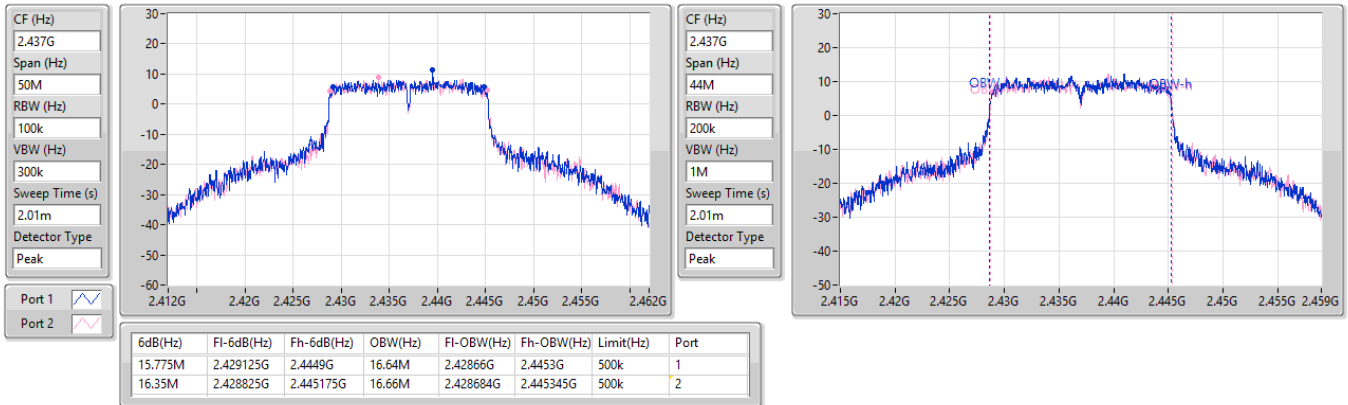
2412MHz

27/03/2025

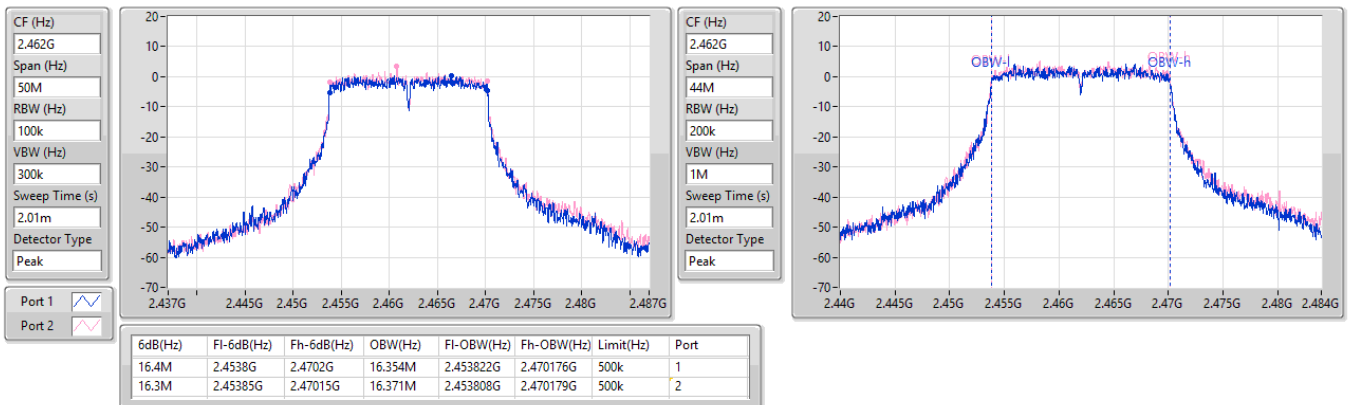


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

27/03/2025

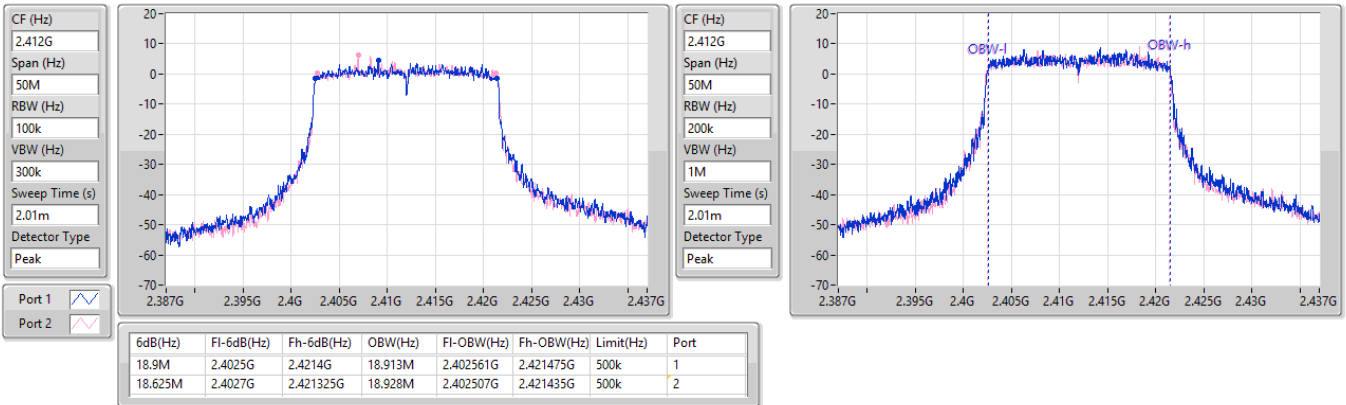

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

27/03/2025

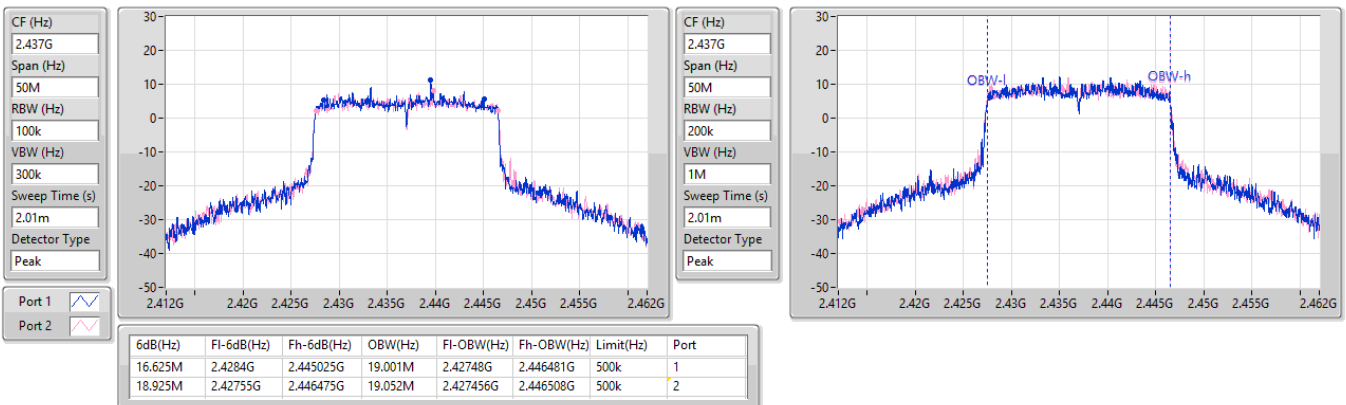


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2412MHz

27/03/2025


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2437MHz

27/03/2025

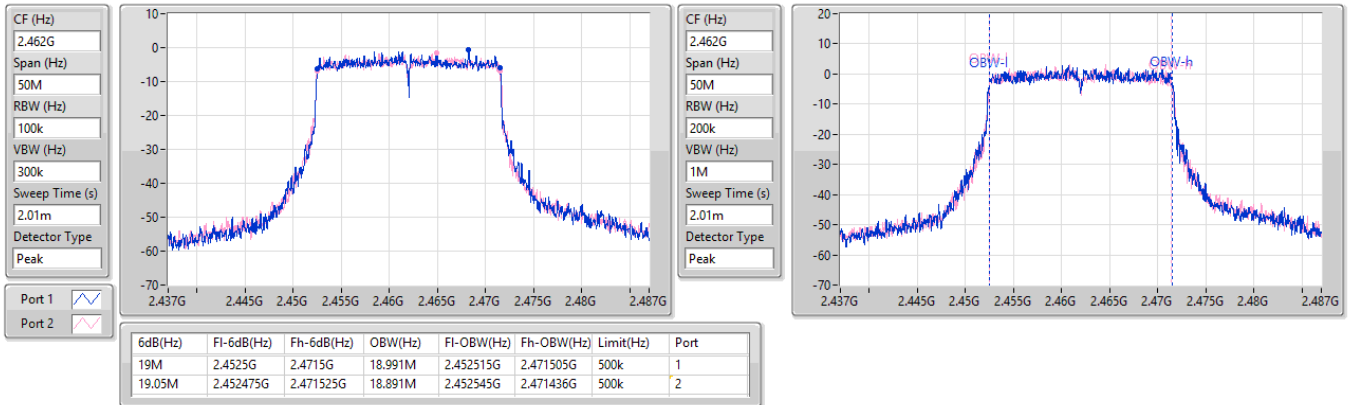


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

27/03/2025

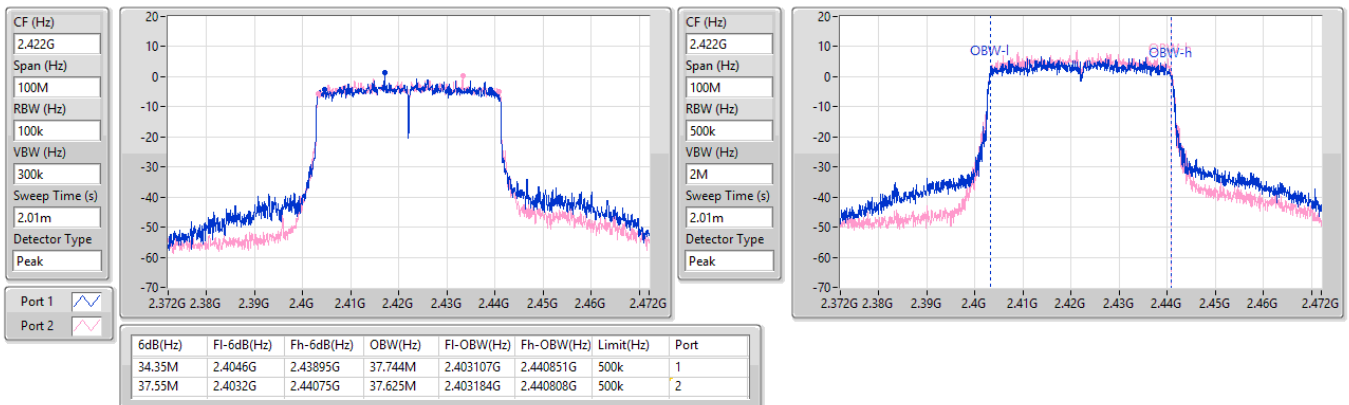


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

27/03/2025

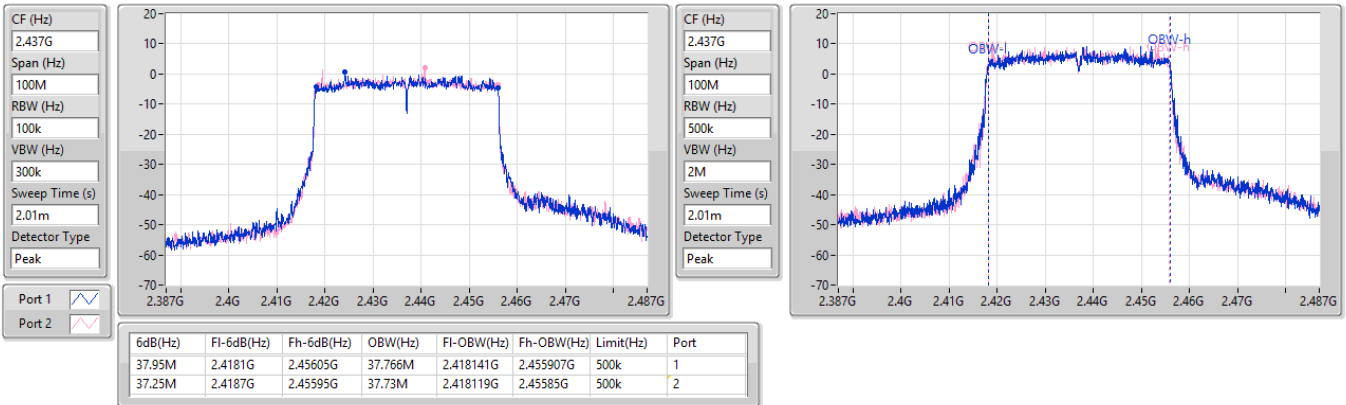


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

27/03/2025

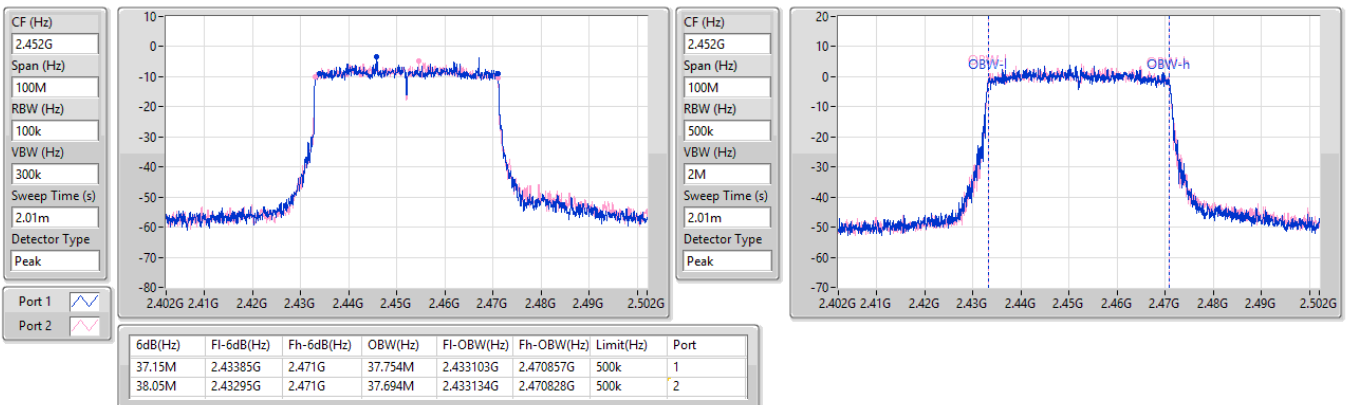


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

27/03/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.77	0.59841
802.11g_Nss1,(6Mbps)_2TX	25.70	0.37154
802.11ax HEW20_Nss1,(MCS0)_2TX	24.91	0.30974
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.91	0.30974
802.11ax HEW40_Nss1,(MCS0)_2TX	20.37	0.10889
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.37	0.10889

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.74	24.11	23.82	26.98	30.00
2437MHz	Pass	5.74	24.65	24.87	27.77	30.00
2457MHz	Pass	5.74	21.18	21.61	24.41	30.00
2462MHz	Pass	5.74	20.78	21.63	24.24	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.74	18.26	18.08	21.18	30.00
2417MHz	Pass	5.74	19.28	18.91	22.11	30.00
2437MHz	Pass	5.74	22.76	22.61	25.70	30.00
2457MHz	Pass	5.74	19.13	18.92	22.04	30.00
2462MHz	Pass	5.74	15.11	15.36	18.25	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.74	18.43	18.18	21.32	30.00
2417MHz	Pass	5.74	19.32	19.11	22.23	30.00
2437MHz	Pass	5.74	21.96	21.84	24.91	30.00
2457MHz	Pass	5.74	19.38	19.14	22.27	30.00
2462MHz	Pass	5.74	13.33	13.28	16.32	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.74	16.24	16.43	19.35	30.00
2437MHz	Pass	5.74	17.46	17.25	20.37	30.00
2447MHz	Pass	5.74	13.52	13.34	16.44	30.00
2452MHz	Pass	5.74	12.46	12.14	15.31	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.65	18.43	18.18	21.32	27.35
2417MHz	Pass	8.65	19.32	19.11	22.23	27.35
2437MHz	Pass	8.65	21.96	21.84	24.91	27.35
2457MHz	Pass	8.65	19.38	19.14	22.27	27.35
2462MHz	Pass	8.65	13.33	13.28	16.32	27.35
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.65	16.24	16.43	19.35	27.35
2437MHz	Pass	8.65	17.46	17.25	20.37	27.35
2447MHz	Pass	8.65	13.52	13.34	16.44	27.35
2452MHz	Pass	8.65	12.46	12.14	15.31	27.35

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	4.33
802.11g_Nss1,(6Mbps)_2TX	-2.60
802.11ax HEW20_Nss1,(MCS0)_2TX	-2.40
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.38

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	8.65	2.15	1.03	3.75	5.35
2437MHz	Pass	8.65	1.50	1.87	4.33	5.35
2462MHz	Pass	8.65	-0.93	-1.13	1.67	5.35
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.65	-8.62	-9.29	-7.00	5.35
2437MHz	Pass	8.65	-5.09	-4.33	-2.60	5.35
2462MHz	Pass	8.65	-11.12	-11.94	-9.35	5.35
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.65	-8.07	-8.16	-5.59	5.35
2437MHz	Pass	8.65	-3.83	-3.83	-2.40	5.35
2462MHz	Pass	8.65	-12.47	-12.67	-10.41	5.35
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.65	-12.17	-12.84	-10.08	5.35
2437MHz	Pass	8.65	-10.82	-11.50	-9.38	5.35
2452MHz	Pass	8.65	-15.31	-15.40	-13.26	5.35

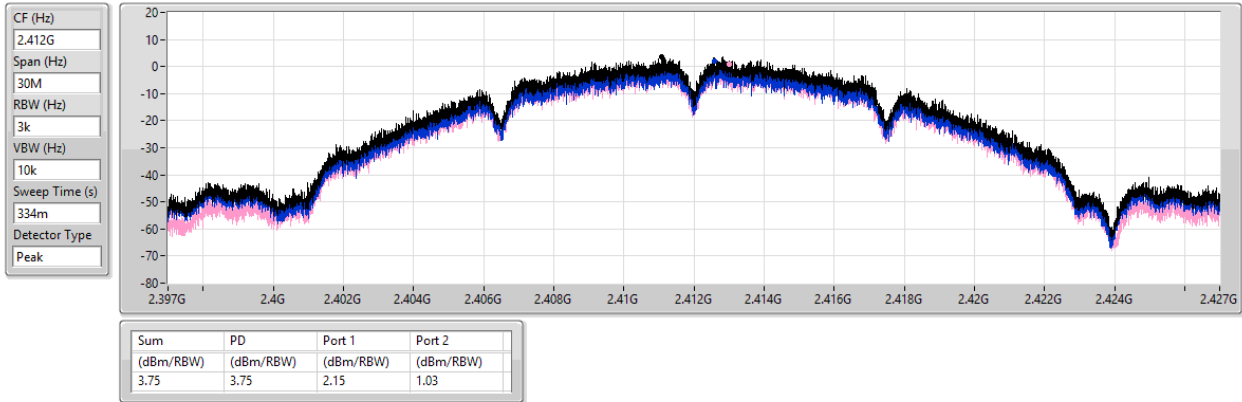
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

27/03/2025

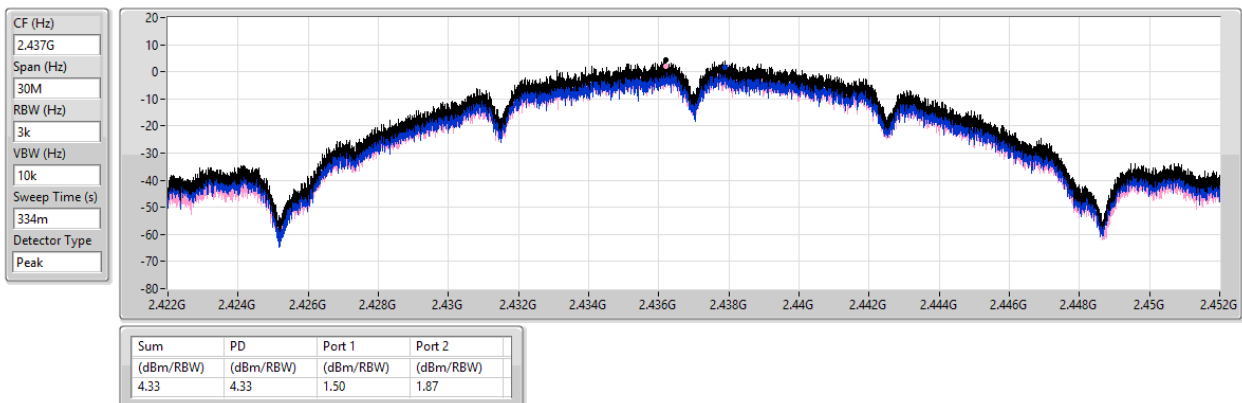


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

27/03/2025



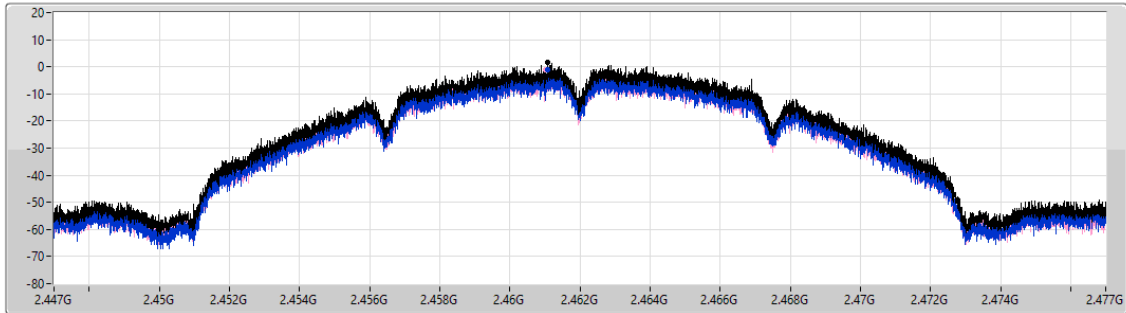
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

27/03/2025

CF (Hz)
2.462G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
334m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.67	1.67	-0.93	-1.13

Sum
Port 1
Port 2

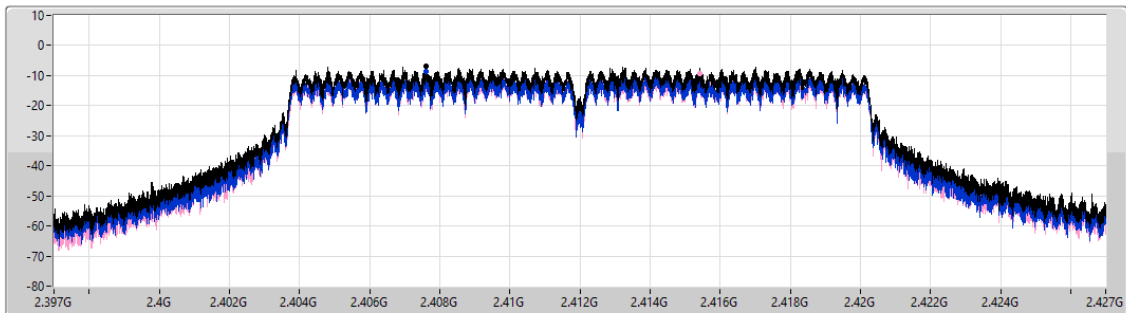
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

27/03/2025

CF (Hz)
2.412G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
334m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.00	-7.00	-8.62	-9.29

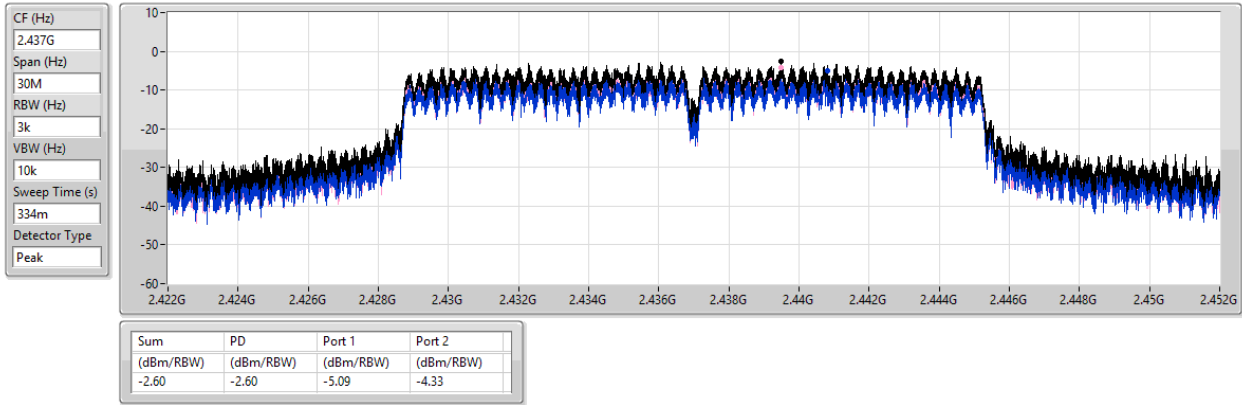
Sum
Port 1
Port 2

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

PSD

2437MHz

27/03/2025

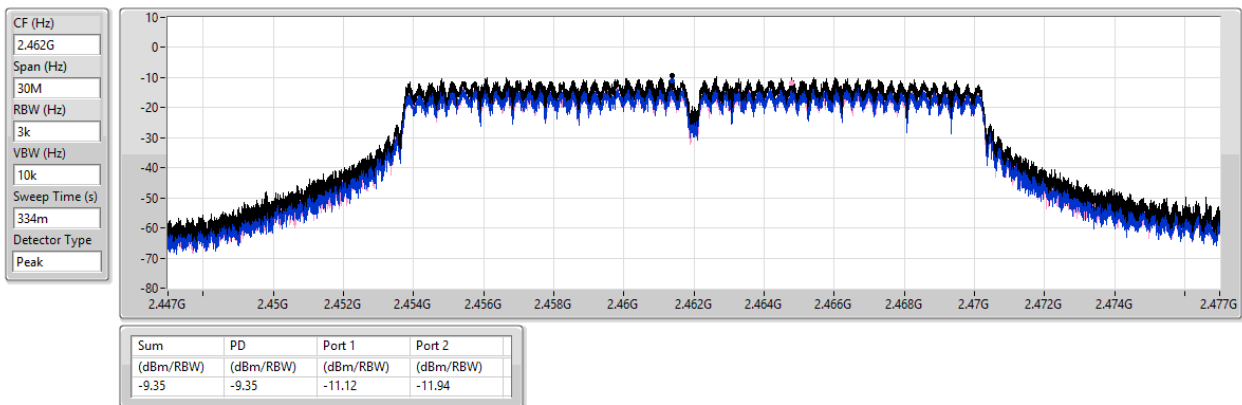


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

27/03/2025

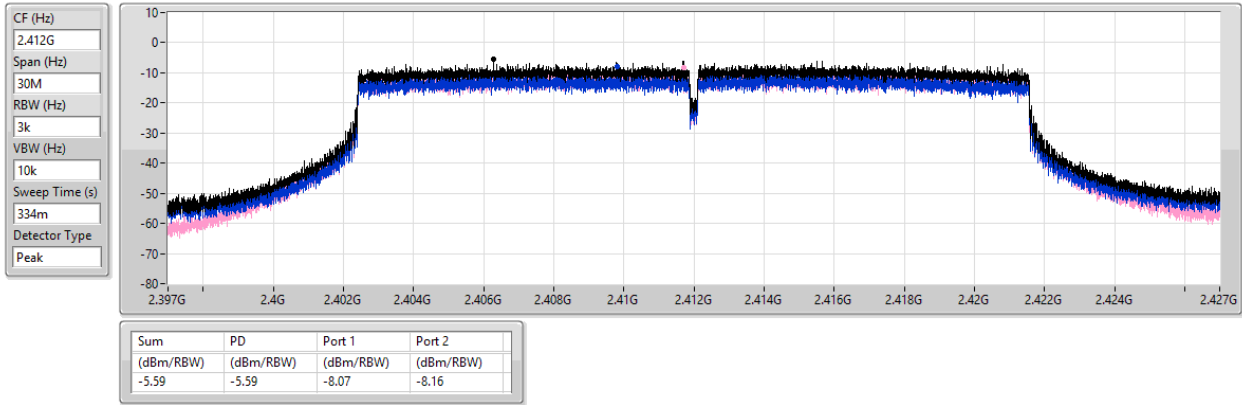


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

27/03/2025

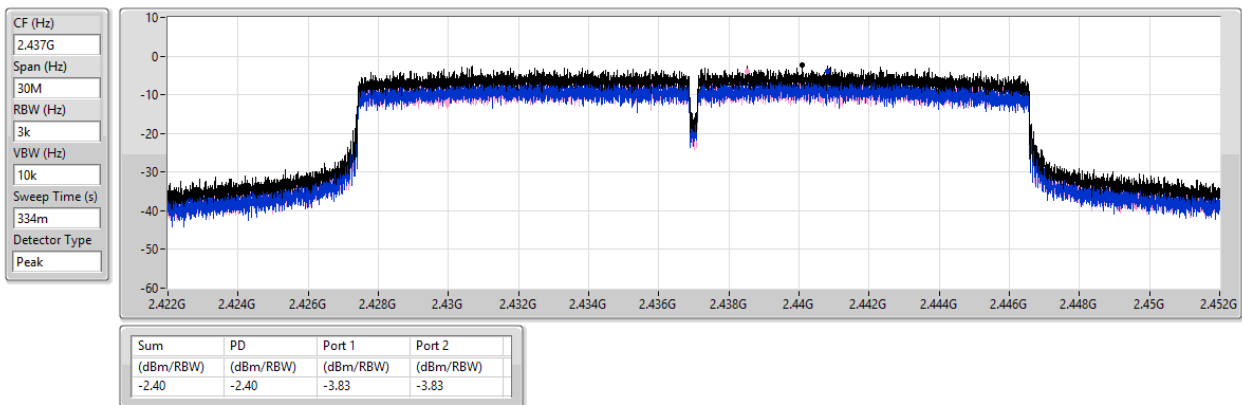


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

27/03/2025

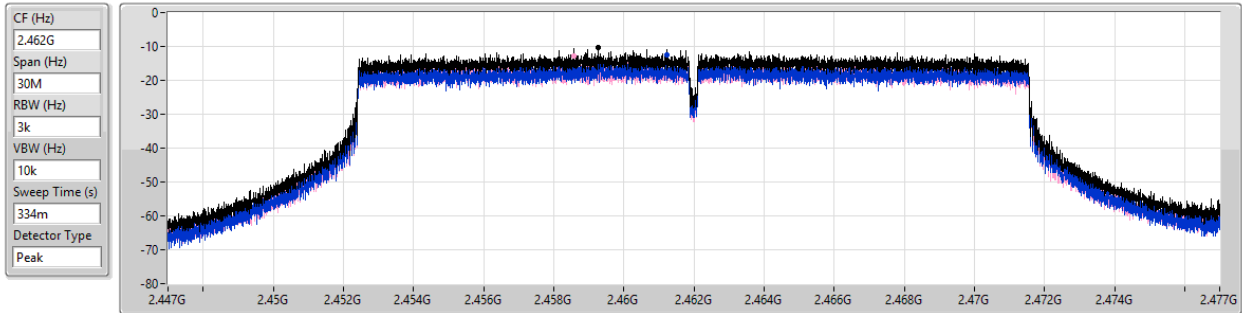


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

27/03/2025

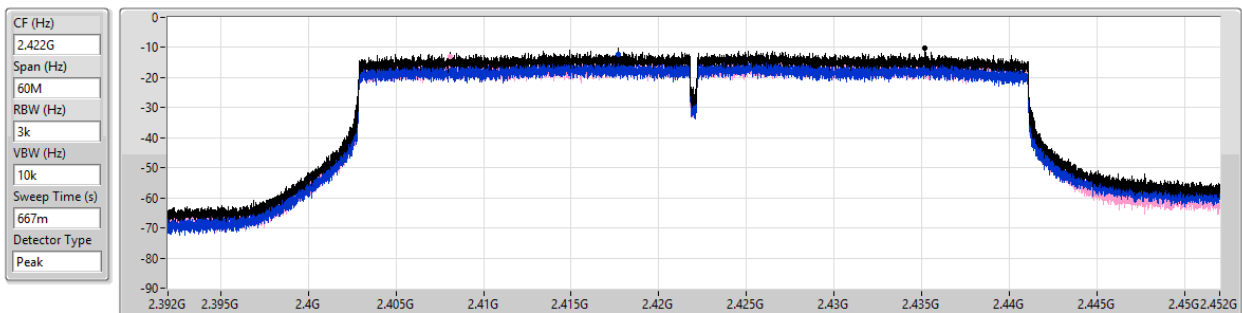


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

27/03/2025

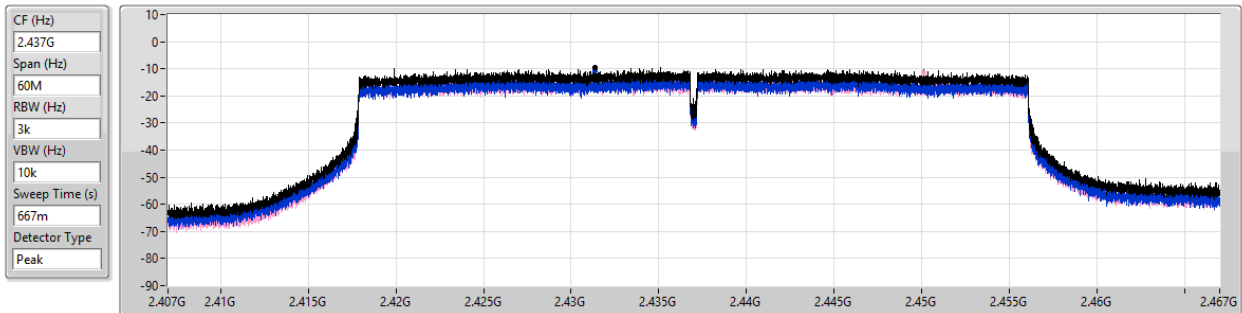


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

27/03/2025

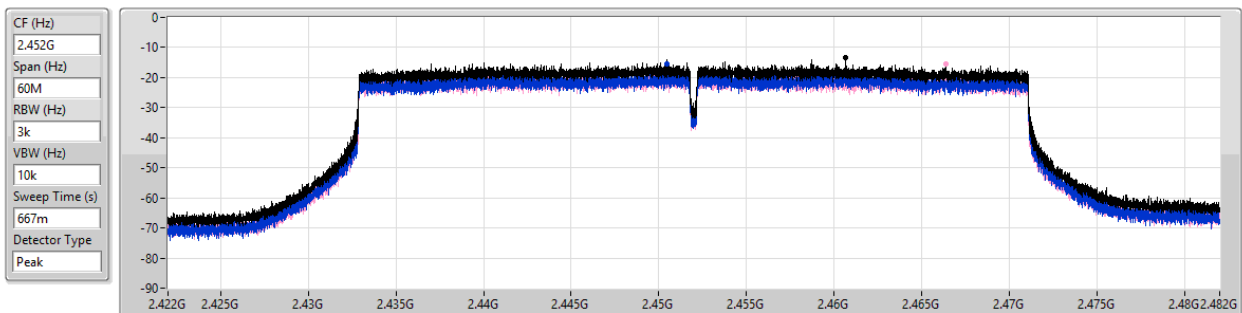


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

27/03/2025





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	16.10	-13.90	2.30641G	-53.73	2.39952G	-29.62	2.4G	-36.06	2.5115G	-51.71	21.64538G	-45.33	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4319G	12.00	-18.00	1.76702G	-54.82	2.39968G	-32.03	2.4G	-31.58	2.50798G	-52.52	21.54705G	-44.76	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43824G	11.02	-18.98	67.28M	-54.12	2.39992G	-31.64	2.4G	-30.97	2.5231G	-53.26	22.0022G	-44.42	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44075G	2.82	-27.18	2.17115G	-54.56	2.39952G	-35.97	2.4G	-35.86	2.51166G	-53.89	21.54758G	-45.12	1

Result

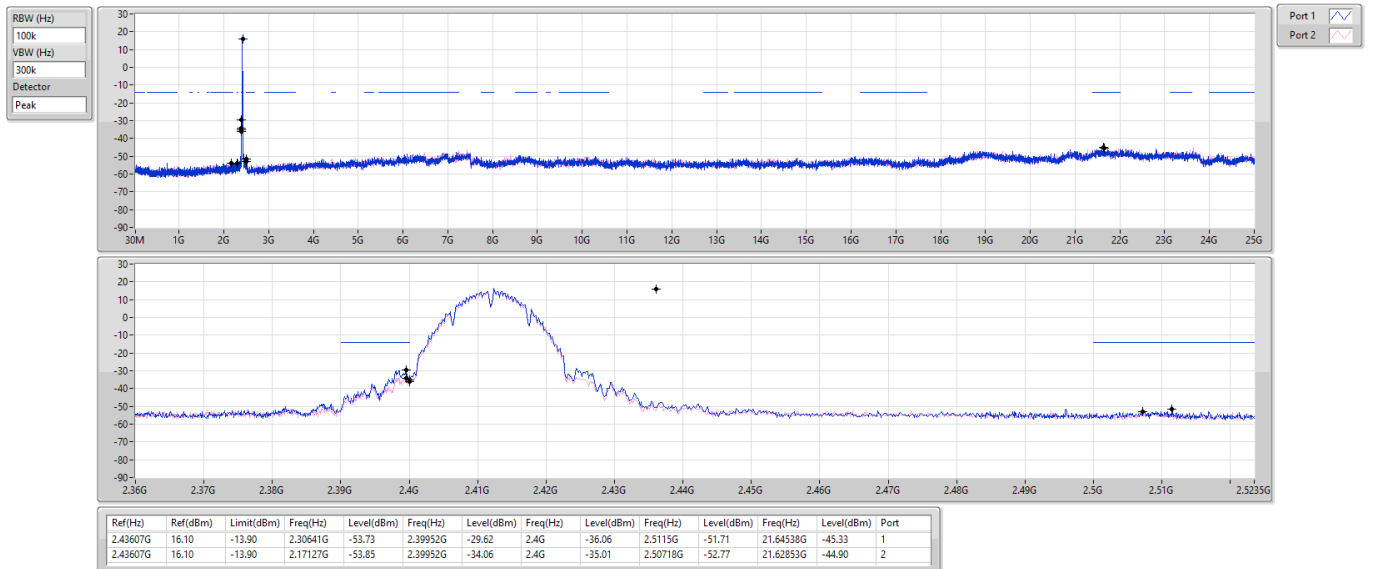
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	16.10	-13.90	2.30641G	-53.73	2.39952G	-29.62	2.4G	-36.06	2.5115G	-51.71	21.64538G	-45.33	1
2412MHz	Pass	2.43607G	16.10	-13.90	2.17127G	-53.85	2.39952G	-34.06	2.4G	-35.01	2.50718G	-52.77	21.62853G	-44.90	2
2437MHz	Pass	2.43607G	16.10	-13.90	2.30874G	-53.40	2.4G	-49.90	2.4G	-51.07	2.50006G	-51.62	21.73529G	-46.67	1
2437MHz	Pass	2.43607G	16.10	-13.90	2.30292G	-53.45	2.39752G	-49.05	2.4G	-50.79	2.50774G	-52.49	21.93477G	-45.50	2
2462MHz	Pass	2.43607G	16.10	-13.90	1.92662G	-54.36	2.39584G	-53.63	2.4G	-54.61	2.50118G	-52.73	21.85891G	-45.51	1
2462MHz	Pass	2.43607G	16.10	-13.90	2.19341G	-54.22	2.39896G	-53.41	2.4G	-54.85	2.50126G	-51.51	21.93477G	-45.56	2
802.11g_Nss1(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	12.00	-18.00	1.76702G	-54.82	2.39968G	-32.03	2.4G	-31.58	2.50798G	-52.52	21.54705G	-44.76	1
2412MHz	Pass	2.4319G	12.00	-18.00	2.30991G	-54.00	2.39968G	-32.73	2.4G	-32.38	2.5111G	-52.74	21.72124G	-45.02	2
2437MHz	Pass	2.4319G	12.00	-18.00	2.30991G	-53.77	2.39984G	-42.27	2.4G	-43.60	2.5027G	-51.49	21.592G	-45.94	1
2437MHz	Pass	2.4319G	12.00	-18.00	2.18758G	-54.08	2.39984G	-42.59	2.4G	-43.21	2.5067G	-51.95	21.45433G	-44.73	2
2462MHz	Pass	2.4319G	12.00	-18.00	2.09904G	-54.41	2.39368G	-54.54	2.4G	-55.47	2.50238G	-54.07	21.53581G	-45.79	1
2462MHz	Pass	2.4319G	12.00	-18.00	60.29M	-54.59	2.39528G	-54.19	2.4G	-55.74	2.50342G	-54.16	21.54705G	-45.44	2
802.11ax HEW20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	11.02	-18.98	2.30991G	-53.73	2.4G	-31.86	2.4G	-32.17	2.50782G	-51.70	21.48805G	-46.20	1
2412MHz	Pass	2.43824G	11.02	-18.98	67.28M	-54.12	2.39992G	-31.64	2.4G	-30.97	2.5231G	-53.26	22.0022G	-44.42	2
2437MHz	Pass	2.43824G	11.02	-18.98	2.30758G	-52.18	2.3992G	-42.84	2.4G	-41.37	2.50126G	-50.81	21.58919G	-45.05	1
2437MHz	Pass	2.43824G	11.02	-18.98	2.30991G	-53.06	2.3996G	-40.92	2.4G	-42.81	2.50094G	-52.21	21.91791G	-45.71	2
2462MHz	Pass	2.43824G	11.02	-18.98	2.11768G	-54.54	2.39936G	-54.54	2.4G	-56.21	2.5011G	-53.96	21.47962G	-45.94	1
2462MHz	Pass	2.43824G	11.02	-18.98	170.97M	-54.62	2.39944G	-54.72	2.4G	-56.04	2.51886G	-54.31	21.63695G	-45.75	2
802.11ax HEW40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	2.82	-27.18	2.17115G	-54.56	2.39952G	-35.97	2.4G	-35.86	2.51166G	-53.89	21.54758G	-45.12	1
2422MHz	Pass	2.44075G	2.82	-27.18	2.30626G	-53.24	2.4G	-37.09	2.4G	-36.44	2.50382G	-52.61	21.5588G	-45.28	2
2437MHz	Pass	2.44075G	2.82	-27.18	2.30626G	-53.64	2.39904G	-49.73	2.4G	-51.02	2.51646G	-52.15	21.53356G	-44.62	1
2437MHz	Pass	2.44075G	2.82	-27.18	2.30855G	-53.23	2.39984G	-50.99	2.4G	-50.76	2.55454G	-52.27	21.58685G	-45.48	2
2452MHz	Pass	2.44075G	2.82	-27.18	2.06009G	-54.17	2.39968G	-54.01	2.4G	-56.08	2.5003G	-53.95	21.9907G	-44.96	1
2452MHz	Pass	2.44075G	2.82	-27.18	2.14024G	-54.45	2.39552G	-53.71	2.4G	-55.63	2.51374G	-53.90	21.62331G	-44.69	2

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

CSEndB

2412MHz

27/03/2025

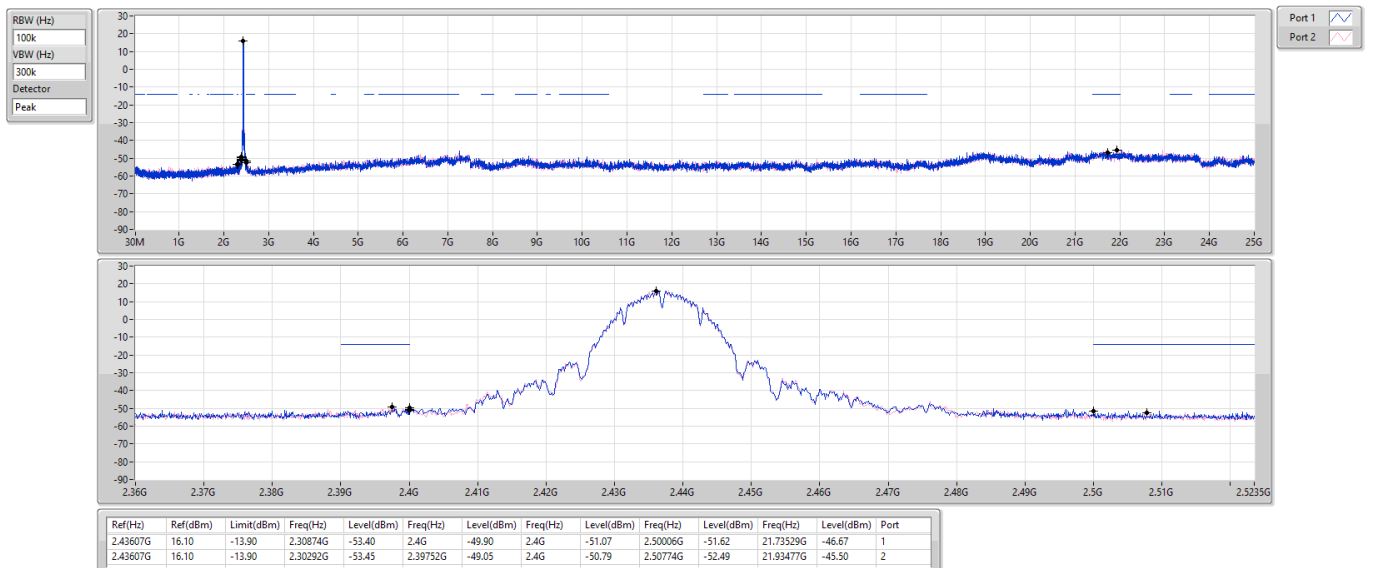


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

27/03/2025



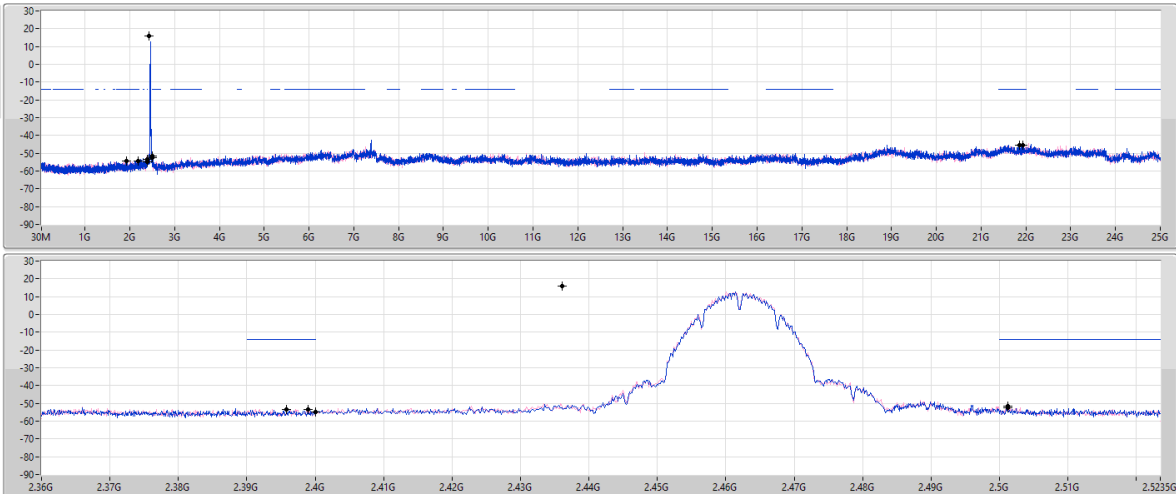
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2462MHz

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

27/03/2025

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	16.10	-13.90	1.92662G	-54.36	2.39584G	-53.63	2.4G	-54.61	2.50118G	-52.73	21.85891G	-45.51	1
2.43607G	16.10	-13.90	2.19341G	-54.22	2.39896G	-53.41	2.4G	-54.85	2.50126G	-51.51	21.93477G	-45.56	2

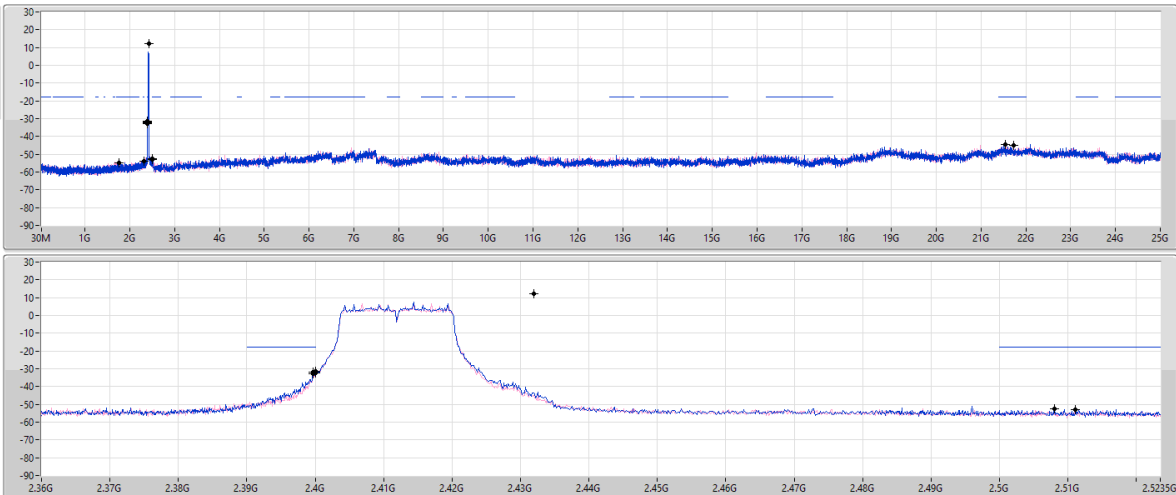
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

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

27/03/2025

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
2.4319G	12.00	-18.00	1.76702G	-54.82	2.39968G	-32.03	2.4G	-31.58	2.50798G	-52.52	21.54705G	-44.76	1
2.4319G	12.00	-18.00	2.30991G	-54.00	2.39968G	-32.73	2.4G	-32.38	2.5111G	-52.74	21.72124G	-45.02	2

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

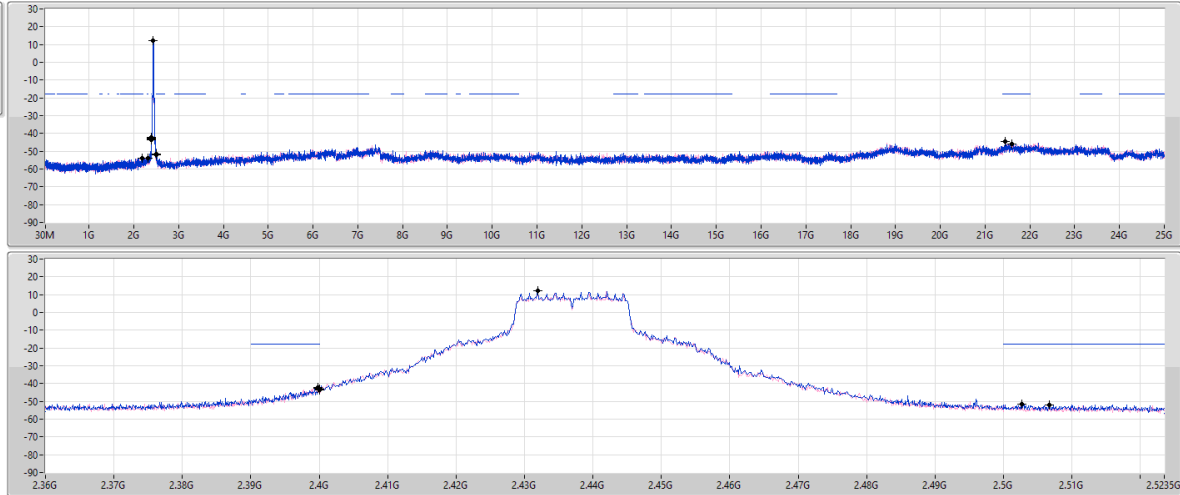
CSEndB

2437MHz

27/03/2025

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	12.00	-18.00	2.30991G	-53.77	2.39984G	-42.27	2.4G	-43.60	2.5027G	-51.49	21.592G	-45.94	1
2.4319G	12.00	-18.00	2.18758G	-54.08	2.39984G	-42.59	2.4G	-43.21	2.5067G	-51.95	21.45433G	-44.73	2

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

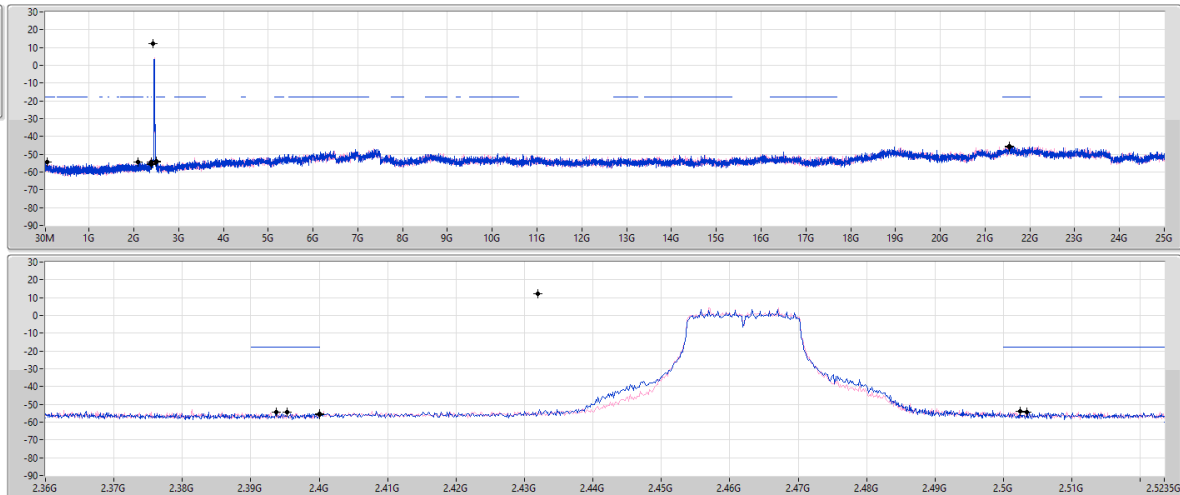
CSEndB

2462MHz

27/03/2025

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

Port 1
Port 2



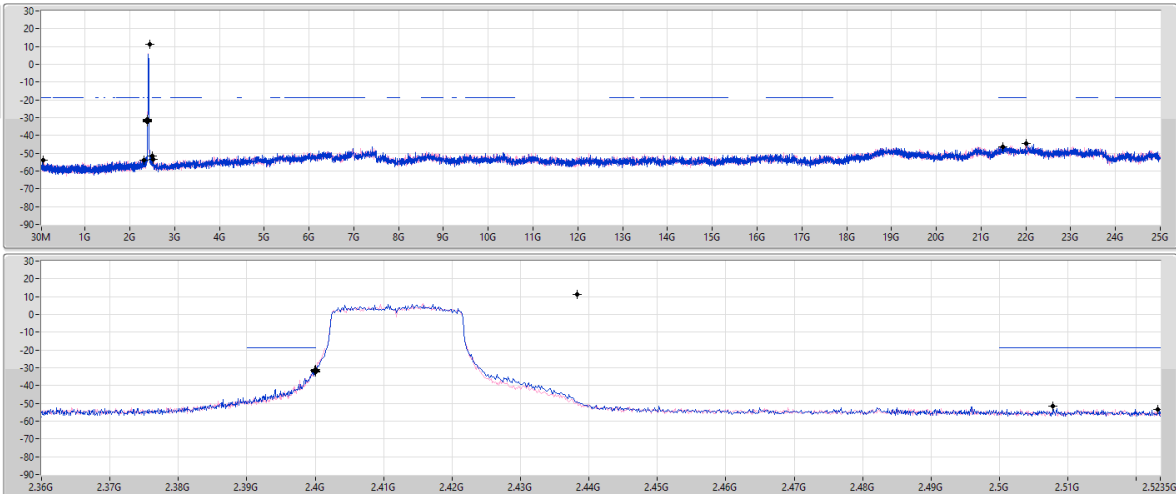
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	12.00	-18.00	2.09904G	-54.41	2.39388G	-54.54	2.4G	-55.47	2.50238G	-54.07	21.53381G	-45.79	1
2.4319G	12.00	-18.00	60.29M	-54.59	2.39528G	-54.19	2.4G	-55.74	2.50342G	-54.16	21.54705G	-45.44	2

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

CSEndB

2412MHz

27/03/2025

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

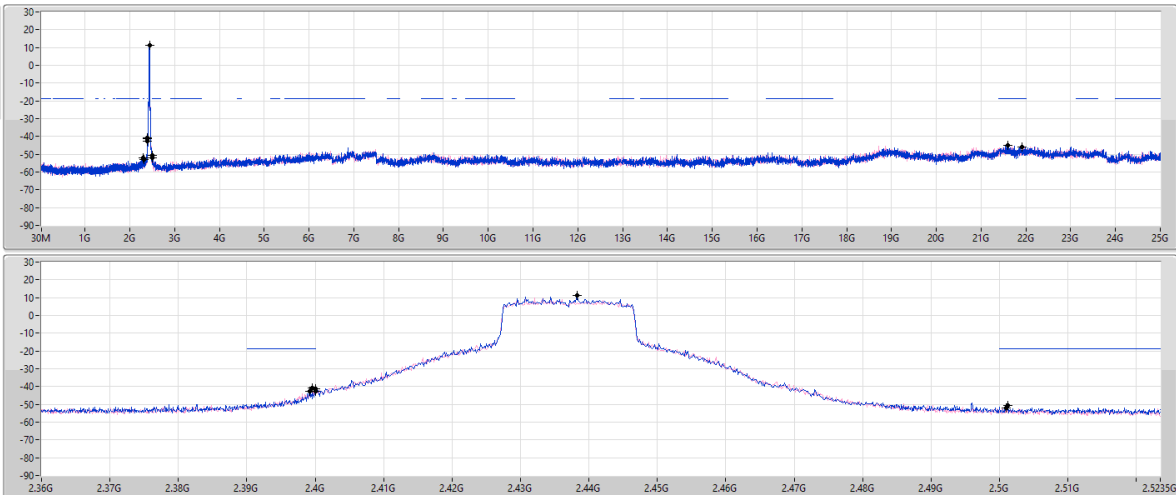
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2.43824G	11.02	-18.98	2.30991G	-53.73	2.4G	-31.86	2.4G	-32.17	2.50782G	-51.70	21.48805G	-46.20	1
2.43824G	11.02	-18.98	67.28M	-54.12	2.39992G	-31.64	2.4G	-30.97	2.5231G	-53.26	22.0022G	-44.42	2

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

CSEndB

2437MHz

27/03/2025

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

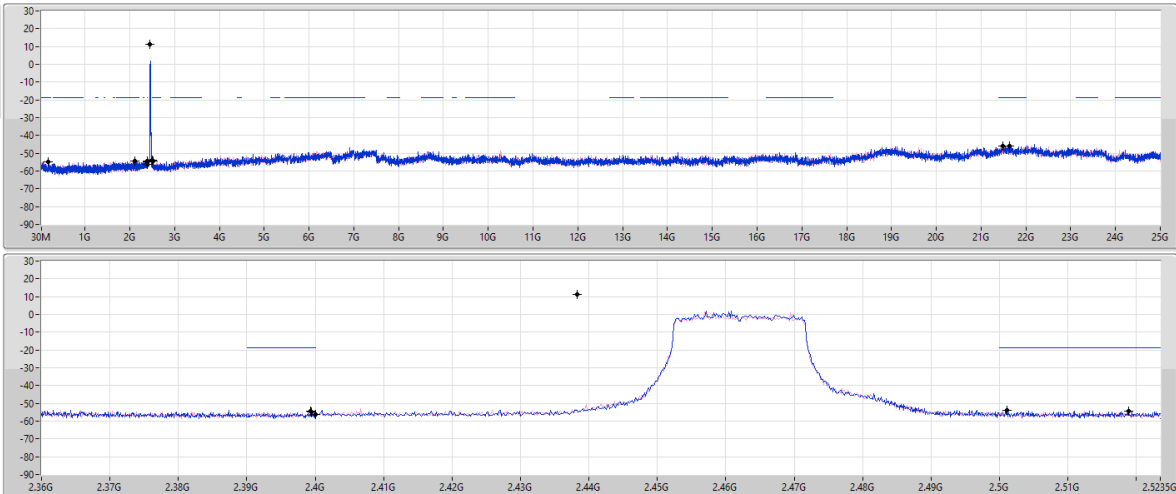
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	11.02	-18.98	2.30758G	-52.18	2.3992G	-42.84	2.4G	-41.37	2.50126G	-50.81	21.58919G	-45.05	1
2.43824G	11.02	-18.98	2.30991G	-53.06	2.3996G	-40.92	2.4G	-42.81	2.50094G	-52.21	21.91791G	-45.71	2

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

CSEndB

2462MHz

27/03/2025

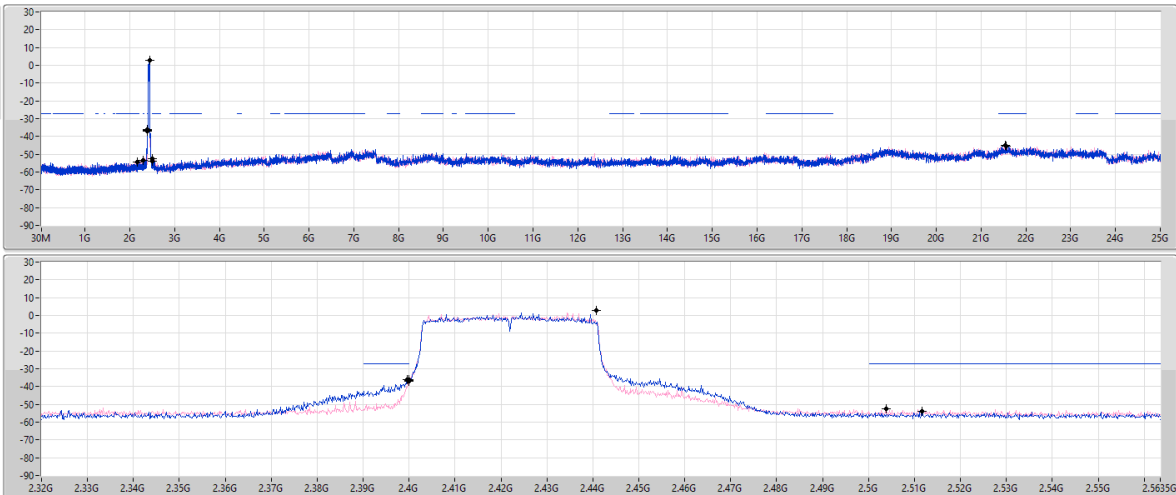
RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

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

CSEndB

2422MHz

27/03/2025

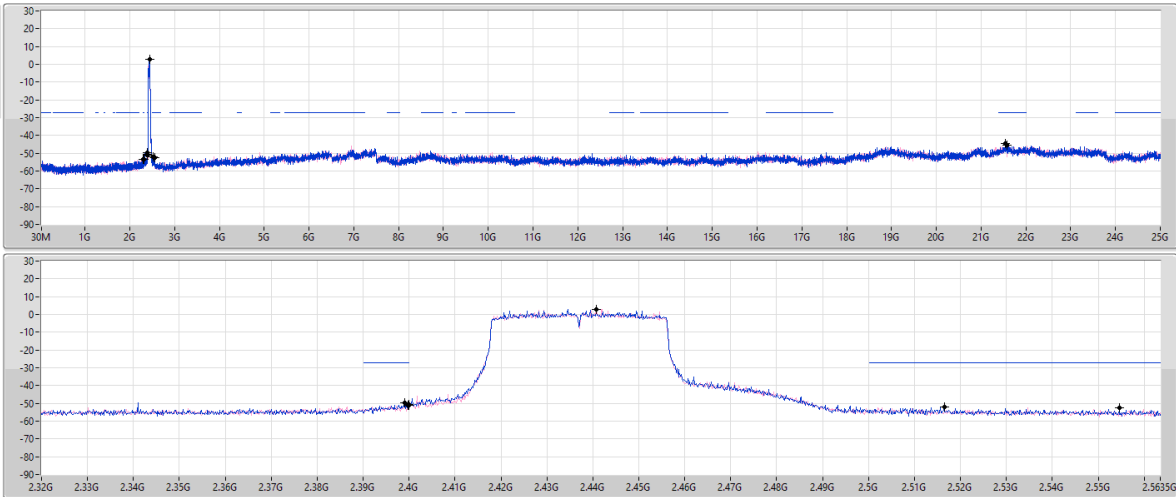
RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

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

CSEndB

2437MHz

27/03/2025

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

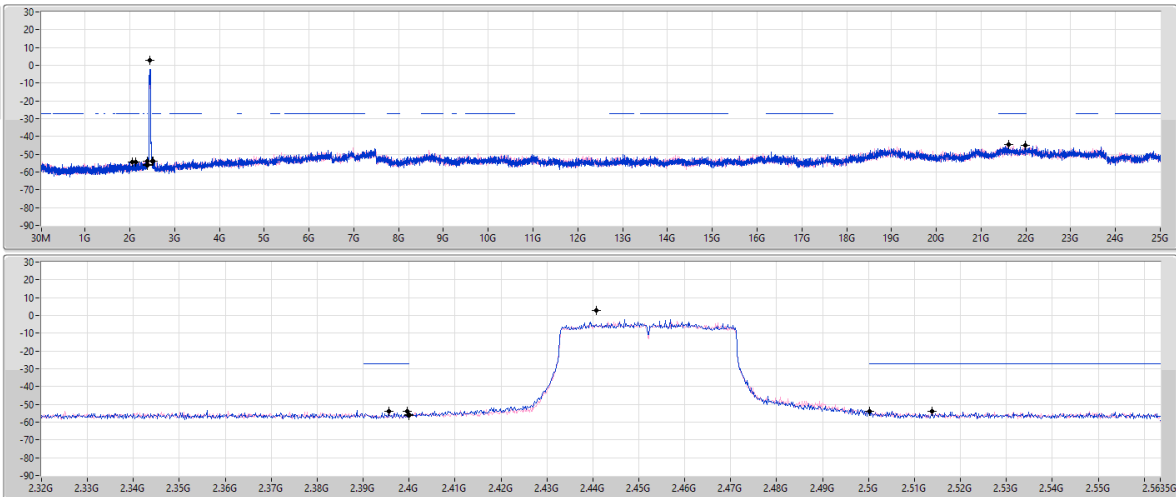
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	2.82	-27.18	2.30626G	-53.64	2.39904G	-49.73	2.4G	-51.02	2.51646G	-52.15	2.53356G	-44.62	1
2.44075G	2.82	-27.18	2.30855G	-53.23	2.39984G	-50.99	2.4G	-50.76	2.55454G	-52.27	2.58885G	-45.48	2

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

CSEndB

2452MHz

27/03/2025

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
2.44075G	2.82	-27.18	2.06009G	-54.17	2.39988G	-54.01	2.4G	-56.08	2.5003G	-53.95	2.59907G	-44.96	1
2.44075G	2.82	-27.18	2.14024G	-54.45	2.39552G	-53.71	2.4G	-55.63	2.51374G	-53.90	2.62331G	-44.69	2



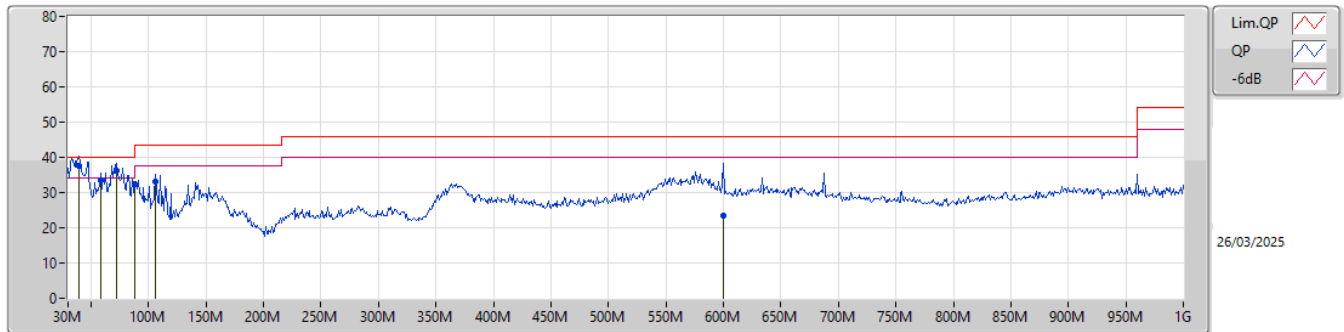
Radiated Emissions below 1GHz

Appendix F.1

Summary

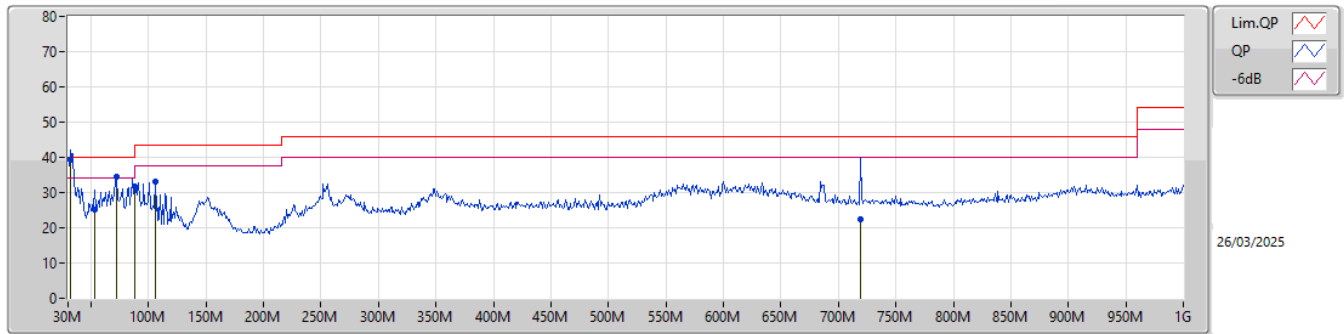
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	31.94M	39.17	40.00	-0.83	Horizontal

Mode 1



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	39.7M	37.72	40.00	-2.28	-11.29	3	Vertical	19	1.00	"Worst"	49.01	18.68	0.56	30.53		
QP	58.13M	33.50	40.00	-6.50	-17.98	3	Vertical	80	1.00	-	51.48	12.55	0.70	31.23		
QP	72.68M	36.16	40.00	-3.84	-17.64	3	Vertical	90	1.25	-	53.80	12.30	0.80	30.74		
QP	88M	32.43	43.50	-11.07	-15.41	3	Vertical	103	1.25	-	47.84	14.51	0.91	30.83		
QP	105.66M	33.19	43.50	-10.31	-12.39	3	Vertical	90	1.25	-	45.58	17.38	1.01	30.78		
QP	600.36M	23.52	46.00	-22.48	-4.01	3	Vertical	298	1.25	-	27.53	25.08	2.66	31.75		

Mode 1



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	31.94M	39.17	40.00	-0.83	-7.38	3	Horizontal	343	1.50	"Worst"	46.55	23.05	0.48	30.91		
QP	53.28M	25.02	40.00	-14.98	-17.48	3	Horizontal	195	1.50	-	42.50	12.94	0.66	31.08		
QP	72.68M	34.64	40.00	-5.36	-17.64	3	Horizontal	0	1.00	-	52.28	12.30	0.80	30.74		
QP	88M	31.56	43.50	-11.94	-15.41	3	Horizontal	305	2.00	-	46.97	14.51	0.91	30.83		
QP	105.66M	32.99	43.50	-10.51	-12.39	3	Horizontal	19	1.50	-	45.38	17.38	1.01	30.78		
QP	719.67M	22.45	46.00	-23.55	-3.67	3	Horizontal	164	1.00	-	26.12	25.38	2.89	31.94		

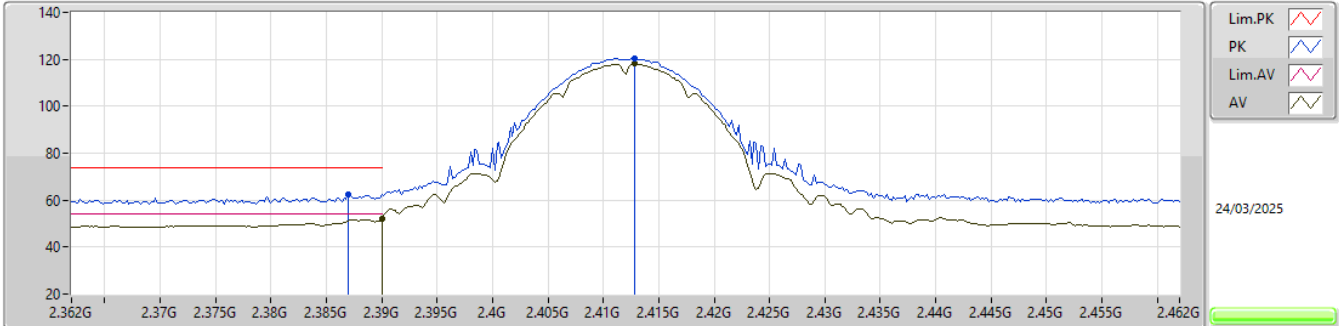


Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.87	54.00	-0.13	3	Vertical	177	2.96	-

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

2412MHz_TX

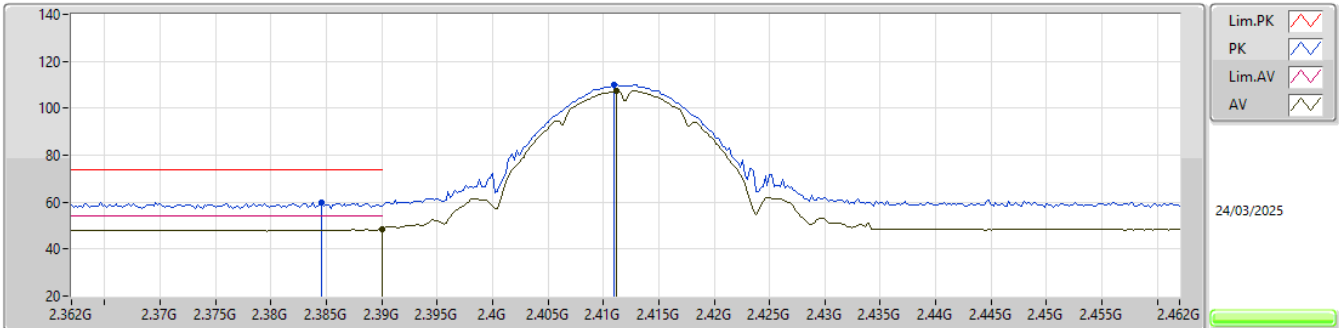


EUT_Y_2TX
Setting 24
03-P-G-2

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	62.59	74.00	-11.41	29.42	3	Vertical	141	2.77	-	28.37	4.80	-				
AV	2.39G	52.32	54.00	-1.68	19.11	3	Vertical	141	2.77	-	28.40	4.81	-				
PK	2.4128G	120.46	Inf	-Inf	87.30	3	Vertical	141	2.77	-	28.33	4.83	-				
AV	2.4128G	118.05	Inf	-Inf	84.89	3	Vertical	141	2.77	-	28.33	4.83	-				

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

2412MHz_TX

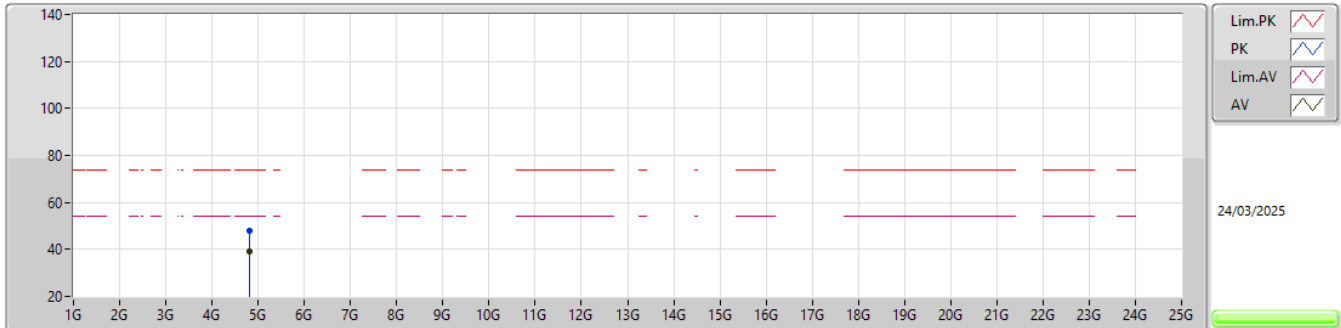


EUT_Y_2TX
Setting 24
03-P-G-2

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	2.3846G	59.83	74.00	-14.17	26.68	3	Horizontal	86	1.80	-	28.35	4.80	-			
AV	2.39G	48.40	54.00	-5.60	15.19	3	Horizontal	86	1.80	-	28.40	4.81	-			
PK	2.411G	109.81	Inf	-Inf	76.67	3	Horizontal	86	1.80	-	28.31	4.83	-			
AV	2.4112G	107.45	Inf	-Inf	74.31	3	Horizontal	86	1.80	-	28.31	4.83	-			

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

2412MHz_TX

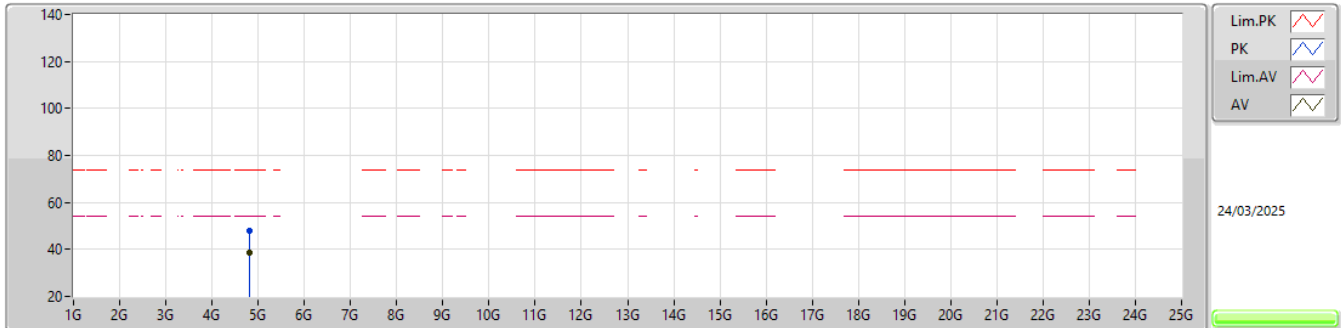


EUT_Y_2TX
Setting 24
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.82399G	48.06	74.00	-25.94	42.74	3	Vertical	3	1.73	-	33.45	7.20	35.33				
AV	4.82396G	38.88	54.00	-15.12	33.56	3	Vertical	3	1.73	-	33.45	7.20	35.33				

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

2412MHz_TX

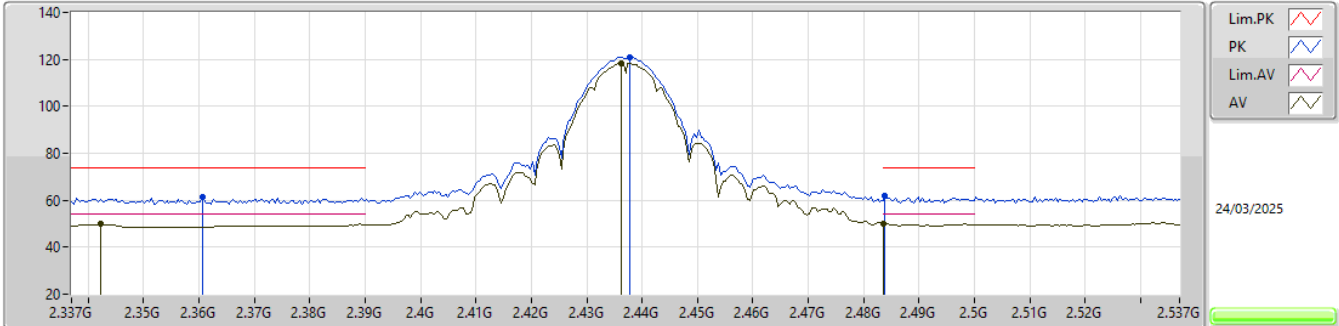


EUT_Y_2TX
Setting 24
03-P-G-2

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	4.82408G	48.00	74.00	-26.00	42.68	3	Horizontal	80	2.14	-	33.45	7.20	35.33			
AV	4.82395G	38.39	54.00	-15.61	33.07	3	Horizontal	80	2.14	-	33.45	7.20	35.33			

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

2437MHz_TX

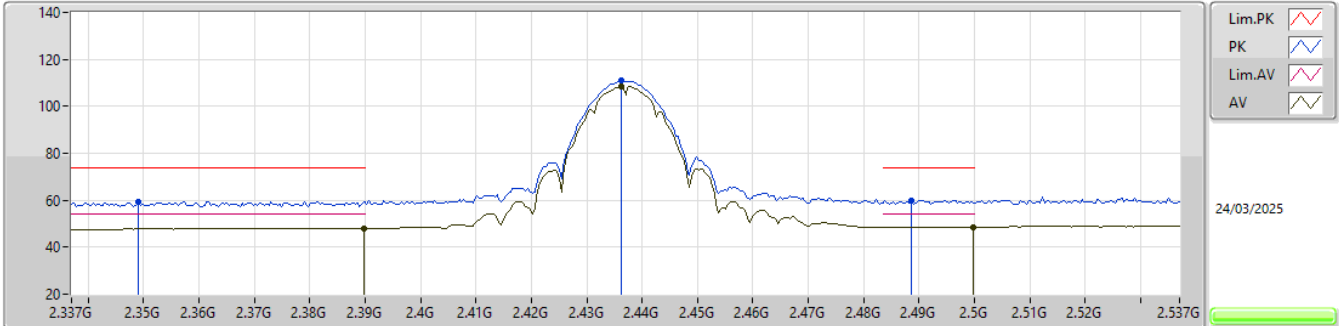


EUT_Y_2TX
Setting 25
03-P-G-2

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	2.3606G	61.19	74.00	-12.81	28.12	3	Vertical	150	2.86	-	28.30	4.77	-				
AV	2.3422G	49.86	54.00	-4.14	16.90	3	Vertical	150	2.86	-	28.22	4.74	-				
PK	2.4378G	120.90	Inf	-Inf	87.64	3	Vertical	150	2.86	-	28.40	4.86	-				
AV	2.4362G	118.46	Inf	-Inf	85.20	3	Vertical	150	2.86	-	28.40	4.86	-				
PK	2.4838G	61.73	74.00	-12.27	28.42	3	Vertical	150	2.86	-	28.40	4.91	-				
AV	2.4835G	50.00	54.00	-4.00	16.69	3	Vertical	150	2.86	-	28.40	4.91	-				

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

2437MHz_TX

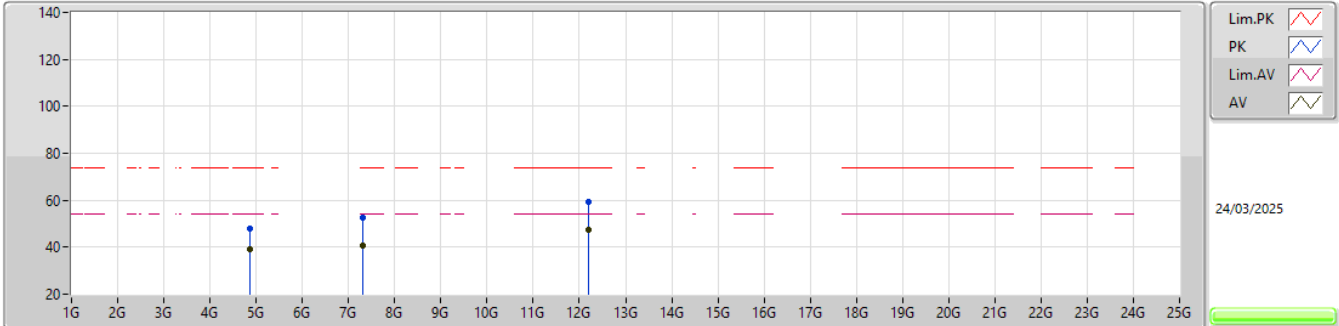


EUT_Y_2TX
Setting 25
03-P-G-2

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	2.349G	59.22	74.00	-14.78	26.18	3	Horizontal	86	1.35	-	28.29	4.75	-				
AV	2.3898G	48.08	54.00	-5.92	14.87	3	Horizontal	86	1.35	-	28.40	4.81	-				
PK	2.4362G	110.81	Inf	-Inf	77.55	3	Horizontal	86	1.35	-	28.40	4.86	-				
AV	2.4362G	108.44	Inf	-Inf	75.18	3	Horizontal	86	1.35	-	28.40	4.86	-				
PK	2.4886G	59.97	74.00	-14.03	26.65	3	Horizontal	86	1.35	-	28.40	4.92	-				
AV	2.4998G	48.68	54.00	-5.32	15.25	3	Horizontal	86	1.35	-	28.50	4.93	-				

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

2437MHz_TX

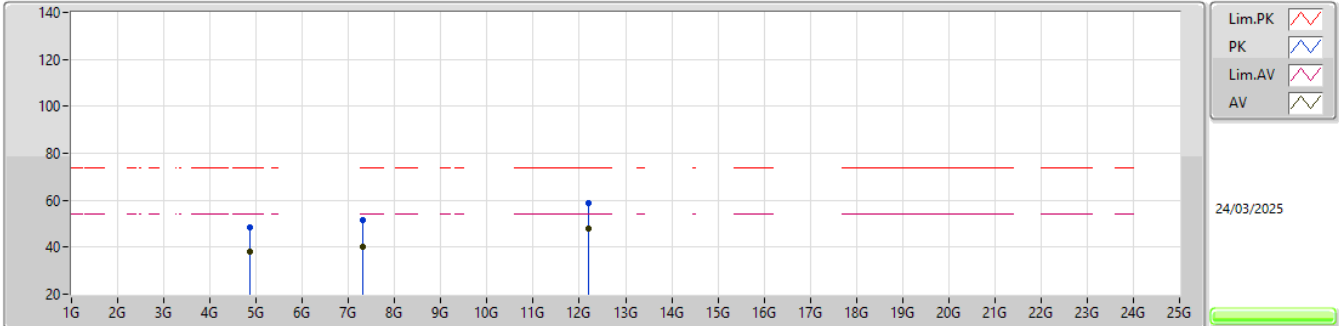


EUT_Y_2TX
Setting 25
03-P-G-2

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	4.87413G	48.10	74.00	-25.90	42.70	3	Vertical	0	1.68	-	33.55	7.18	35.33				
AV	4.87397G	39.25	54.00	-14.75	33.85	3	Vertical	0	1.68	-	33.55	7.18	35.33				
PK	7.30976G	52.41	74.00	-21.59	42.13	3	Vertical	353	2.00	-	36.82	8.61	35.15				
AV	7.30972G	40.56	54.00	-13.44	30.28	3	Vertical	353	2.00	-	36.82	8.61	35.15				
PK	12.1856G	59.06	74.00	-14.94	42.80	3	Vertical	9	2.44	-	38.90	11.82	34.46				
AV	12.1858G	47.26	54.00	-6.74	31.00	3	Vertical	9	2.44	-	38.90	11.82	34.46				

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

2437MHz_TX

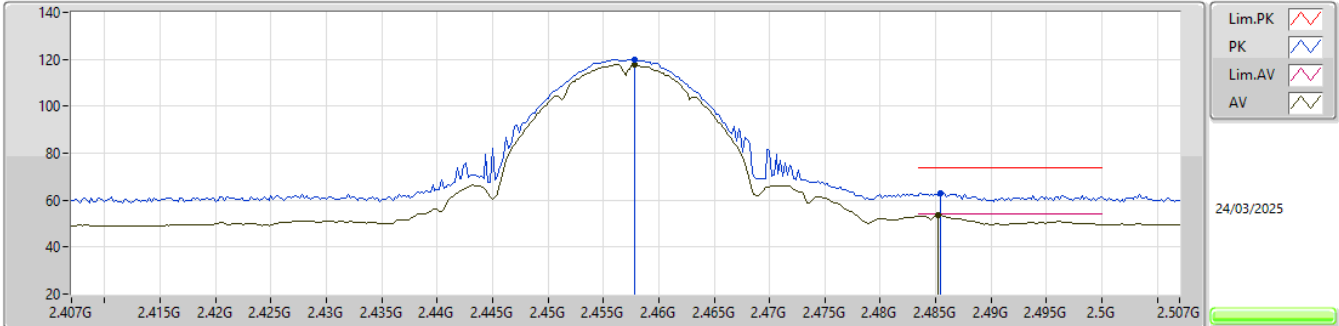


EUT_Y_2TX
Setting 25
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	4.87412G	48.23	74.00	-25.77	42.83	3	Horizontal	87	2.23	-	33.55	7.18	35.33					
AV	4.87399G	38.17	54.00	-15.83	32.77	3	Horizontal	87	2.23	-	33.55	7.18	35.33					
PK	7.3194G	51.67	74.00	-22.33	41.37	3	Horizontal	72	1.91	-	36.84	8.62	35.16					
AV	7.31188G	39.99	54.00	-14.01	29.71	3	Horizontal	72	1.91	-	36.82	8.61	35.15					
PK	12.18544G	58.73	74.00	-15.27	42.47	3	Horizontal	296	1.84	-	38.90	11.82	34.46					
AV	12.18558G	47.96	54.00	-6.04	31.70	3	Horizontal	296	1.84	-	38.90	11.82	34.46					

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

2457MHz_TX

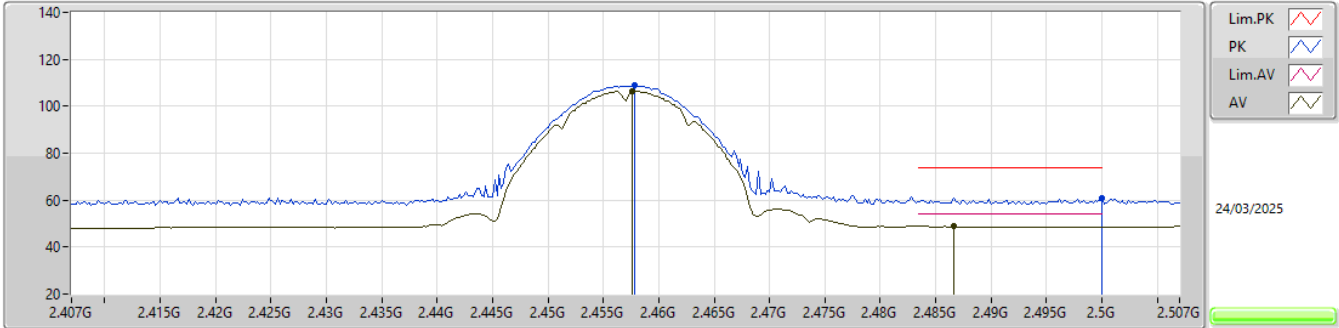


EUT_Y_2TX
 Setting 21.5
 03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4578G	120.03	Inf	-Inf	86.85	3	Vertical	178	2.93	-	28.30	4.88	-				
AV	2.4578G	117.71	Inf	-Inf	84.53	3	Vertical	178	2.93	-	28.30	4.88	-				
PK	2.4854G	62.91	74.00	-11.09	29.60	3	Vertical	178	2.93	-	28.40	4.91	-				
AV	2.4852G	53.52	54.00	-0.48	20.21	3	Vertical	178	2.93	-	28.40	4.91	-				

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

2457MHz_TX

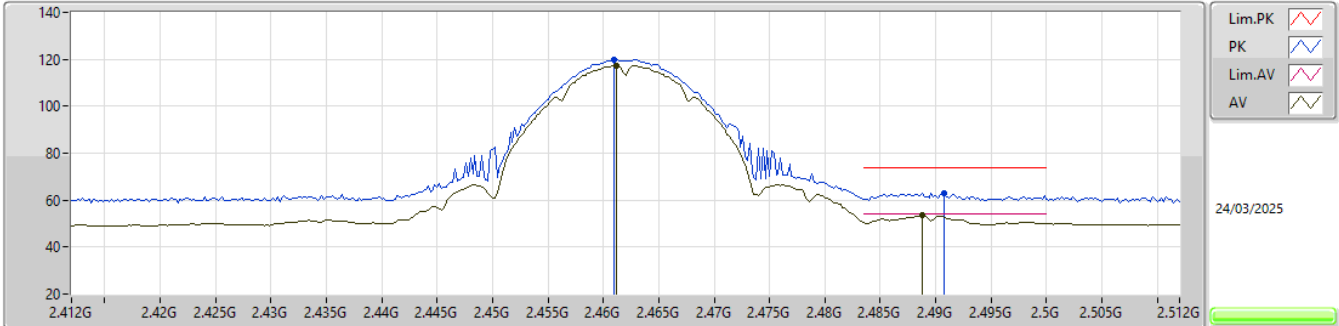


EUT Y_2TX
Setting 21.5
03-P-G-2

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	2.4578G	108.92	Inf	-Inf	75.74	3	Horizontal	120	2.20	-	28.30	4.88	-			
AV	2.4576G	106.42	Inf	-Inf	73.24	3	Horizontal	120	2.20	-	28.30	4.88	-			
PK	2.5G	60.92	74.00	-13.08	27.49	3	Horizontal	120	2.20	-	28.50	4.93	-			
AV	2.4866G	48.85	54.00	-5.15	15.53	3	Horizontal	120	2.20	-	28.40	4.92	-			

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

2462MHz_TX

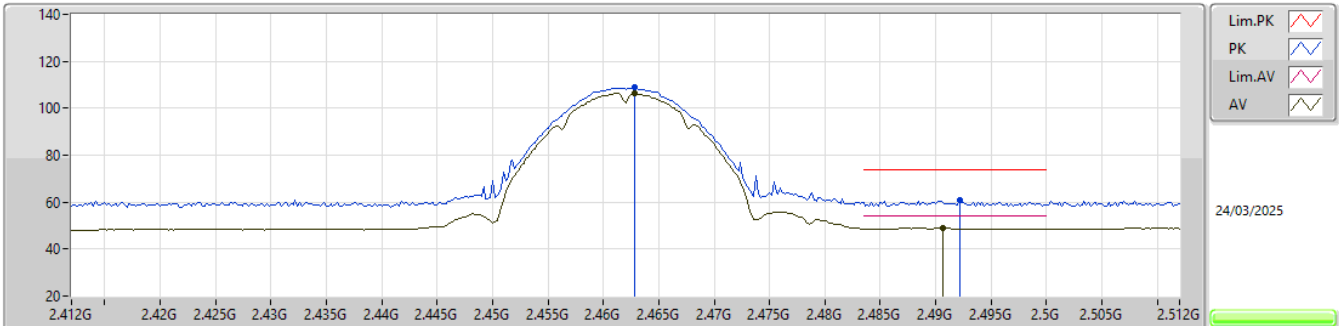


EUT_Y_2TX
Setting 21.5
03-P-G-2

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	2.4612G	119.79	Inf	-Inf	86.59	3	Vertical	183	2.59	-	28.31	4.89	-			
AV	2.4612G	117.27	Inf	-Inf	84.07	3	Vertical	183	2.59	-	28.31	4.89	-			
PK	2.4908G	62.88	74.00	-11.12	29.55	3	Vertical	183	2.59	-	28.41	4.92	-			
AV	2.4888G	53.72	54.00	-0.28	20.40	3	Vertical	183	2.59	-	28.40	4.92	-			

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

2462MHz_TX

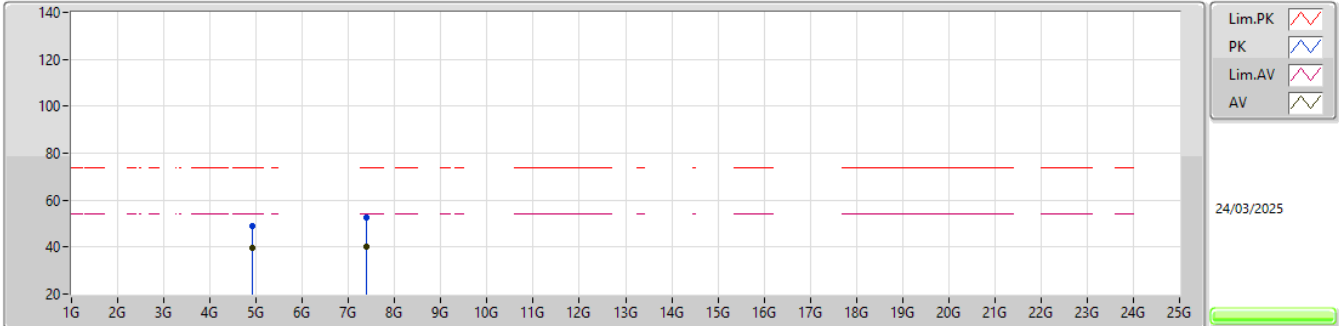


EUT_Y_2TX
Setting 21.5
03-P-G-2

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	108.71	Inf	-Inf	75.49	3	Horizontal	124	2.21	-	28.33	4.89	-			
AV	2.4628G	106.32	Inf	-Inf	73.10	3	Horizontal	124	2.21	-	28.33	4.89	-			
PK	2.4922G	60.66	74.00	-13.34	27.32	3	Horizontal	124	2.21	-	28.42	4.92	-			
AV	2.4906G	48.87	54.00	-5.13	15.54	3	Horizontal	124	2.21	-	28.41	4.92	-			

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

2462MHz_TX

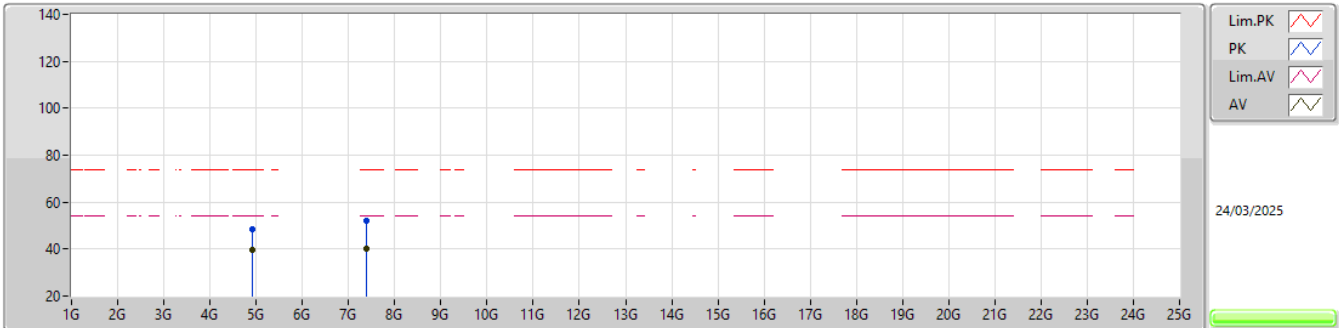


EUT_Y_2TX
Setting 21.5
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.92278G	48.94	74.00	-25.06	43.50	3	Vertical	285	2.54	-	33.60	7.17	35.33				
AV	4.9261G	39.56	54.00	-14.44	34.12	3	Vertical	285	2.54	-	33.60	7.17	35.33				
PK	7.38142G	52.52	74.00	-21.48	42.06	3	Vertical	294	1.87	-	36.96	8.66	35.16				
AV	7.39064G	40.29	54.00	-13.71	29.81	3	Vertical	294	1.87	-	36.98	8.66	35.16				

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

2462MHz_TX

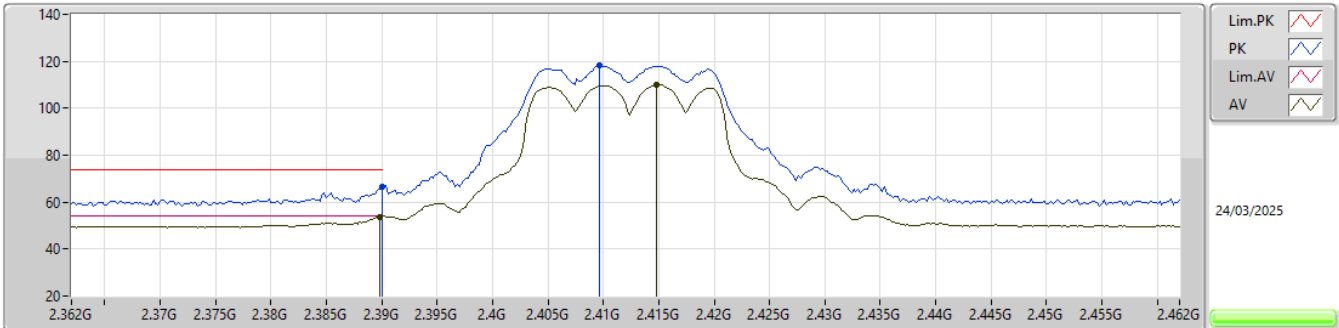


EUT_Y_2TX
Setting 21.5
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	4.92346G	48.32	74.00	-25.68	42.88	3	Horizontal	295	1.41	-	33.60	7.17	35.33					
AV	4.9261G	39.56	54.00	-14.44	34.12	3	Horizontal	295	1.41	-	33.60	7.17	35.33					
PK	7.3858G	52.04	74.00	-21.96	41.57	3	Horizontal	248	1.36	-	36.97	8.66	35.16					
AV	7.39062G	40.11	54.00	-13.89	29.63	3	Horizontal	248	1.36	-	36.98	8.66	35.16					

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

2412MHz_TX

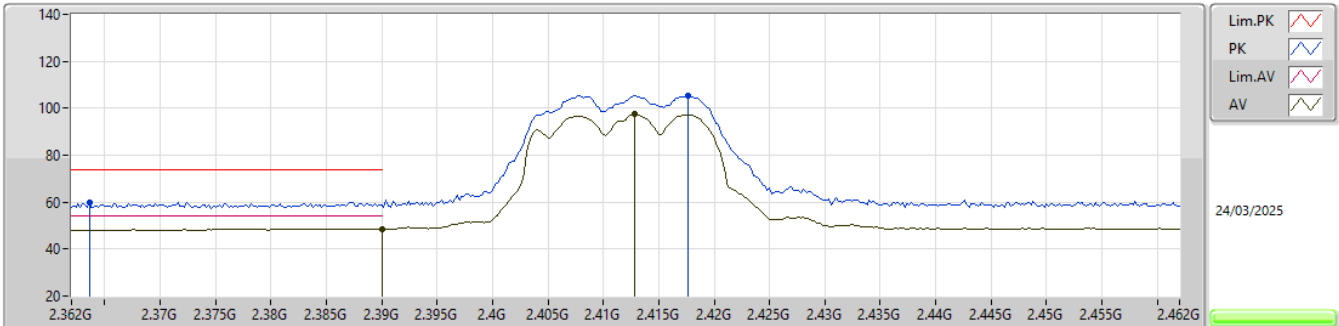


EUT_Y_2TX
Setting 18
03-P-G-2

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	66.42	74.00	-7.58	33.21	3	Vertical	176	2.71	-	28.40	4.81	-
AV	2.3898G	53.56	54.00	-0.44	20.35	3	Vertical	176	2.71	-	28.40	4.81	-
PK	2.4096G	118.34	Inf	-Inf	85.21	3	Vertical	176	2.71	-	28.30	4.83	-
AV	2.4148G	109.88	Inf	-Inf	76.69	3	Vertical	176	2.71	-	28.35	4.84	-

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

2412MHz_TX

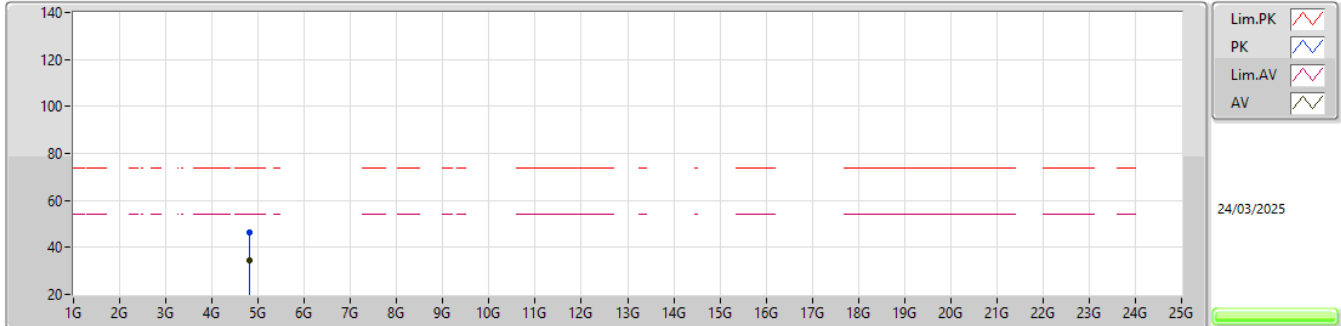


EUT_Y_2TX
 Setting 18
 03-P-G-2

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	2.3636G	60.04	74.00	-13.96	26.97	3	Horizontal	90	1.47	-	28.30	4.77	-			
AV	2.39G	48.70	54.00	-5.30	15.49	3	Horizontal	90	1.47	-	28.40	4.81	-			
PK	2.4176G	105.46	Inf	-Inf	72.24	3	Horizontal	90	1.47	-	28.38	4.84	-			
AV	2.4128G	97.40	Inf	-Inf	64.24	3	Horizontal	90	1.47	-	28.33	4.83	-			

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

2412MHz_TX

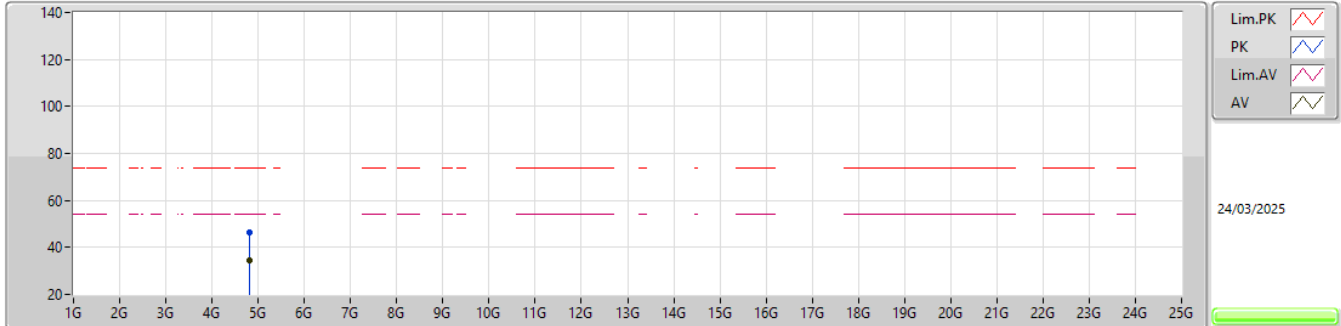


EUT_Y_2TX
Setting 18
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.8224G	46.47	74.00	-27.53	41.16	3	Vertical	155	1.76	-	33.44	7.20	35.33			
AV	4.82222G	34.68	54.00	-19.32	29.37	3	Vertical	155	1.76	-	33.44	7.20	35.33			

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

2412MHz_TX

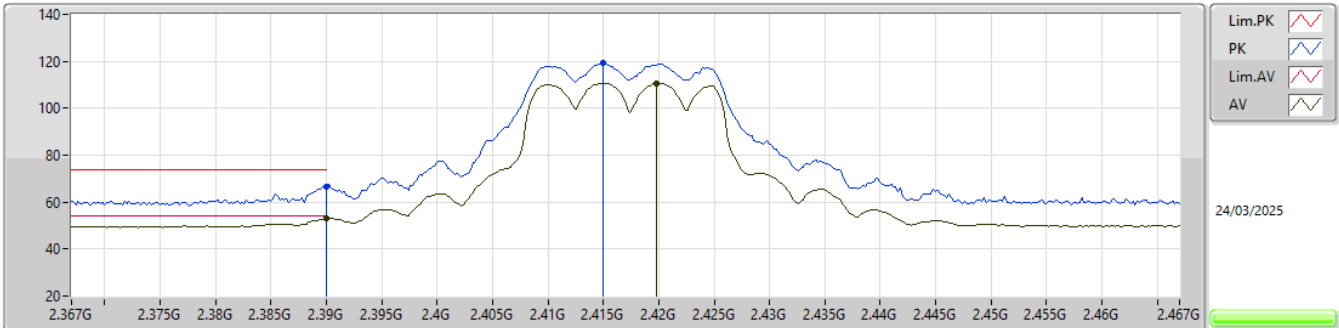


EUT_Y_2TX
Setting 18
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.81942G	46.49	74.00	-27.51	41.18	3	Horizontal	65	1.27	-	33.44	7.20	35.33			
AV	4.82142G	34.68	54.00	-19.32	29.37	3	Horizontal	65	1.27	-	33.44	7.20	35.33			

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

2417MHz_TX

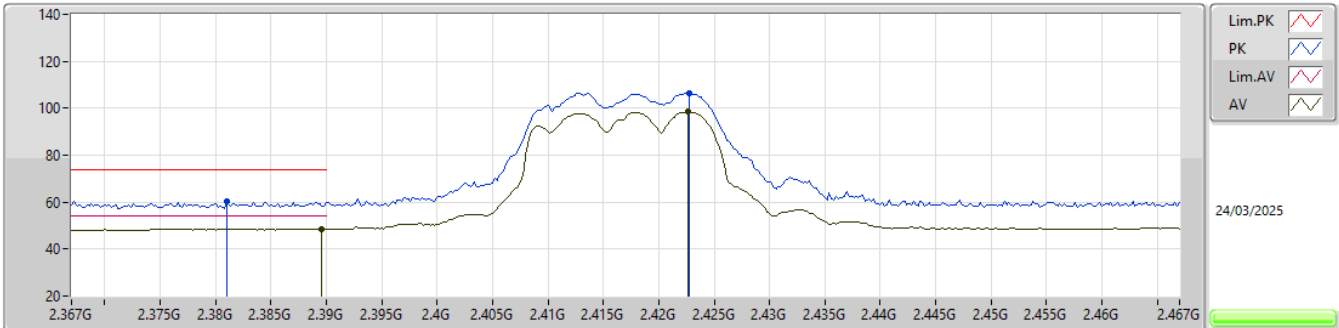


EUT_Y_2TX
Setting 19
03-P-G-2

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	66.76	74.00	-7.24	33.55	3	Vertical	176	2.73	-	28.40	4.81	-			
AV	2.39G	52.89	54.00	-1.11	19.68	3	Vertical	176	2.73	-	28.40	4.81	-			
PK	2.415G	119.24	Inf	-Inf	86.05	3	Vertical	176	2.73	-	28.35	4.84	-			
AV	2.4198G	110.63	Inf	-Inf	77.39	3	Vertical	176	2.73	-	28.40	4.84	-			

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

2417MHz_TX

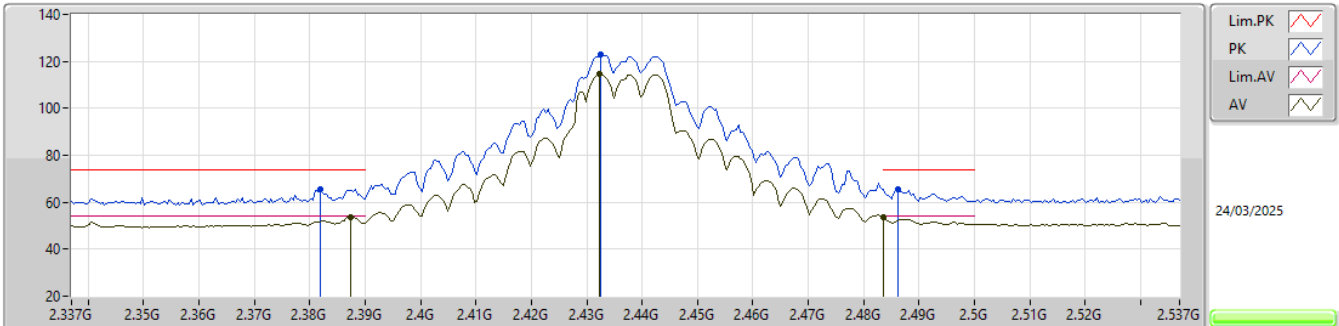


EUT_Y_2TX
Setting 19
03-P-G-2

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	2.381G	60.55	74.00	-13.45	27.45	3	Horizontal	88	1.51	-	28.31	4.79	-			
AV	2.3896G	48.70	54.00	-5.30	15.49	3	Horizontal	88	1.51	-	28.40	4.81	-			
PK	2.4228G	106.47	Inf	-Inf	73.22	3	Horizontal	88	1.51	-	28.40	4.85	-			
AV	2.4226G	98.43	Inf	-Inf	65.19	3	Horizontal	88	1.51	-	28.40	4.84	-			

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

2437MHz_TX

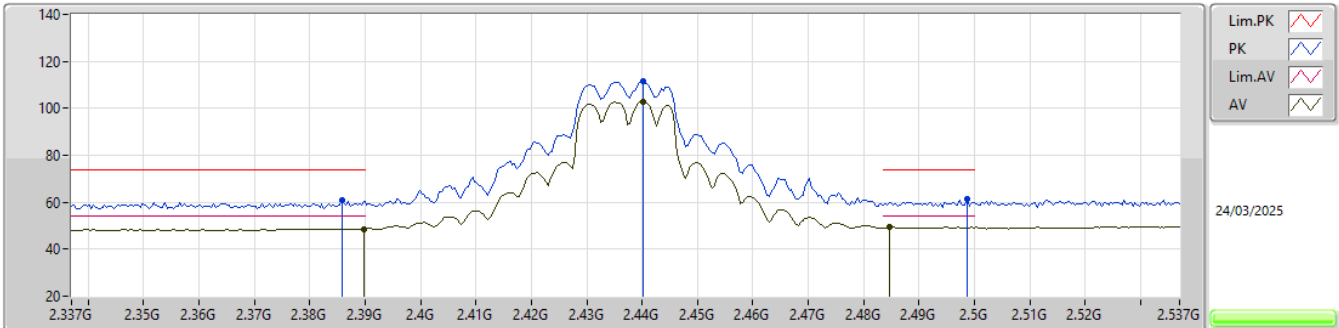


EUT_Y_2TX
Setting 23
03-P-G-2

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	65.56	74.00	-8.44	32.44	3	Vertical	178	2.76	-	28.32	4.80	-				
AV	2.3874G	53.55	54.00	-0.45	20.38	3	Vertical	178	2.76	-	28.37	4.80	-				
PK	2.4326G	122.80	Inf	-Inf	89.54	3	Vertical	178	2.76	-	28.40	4.86	-				
AV	2.4322G	114.54	Inf	-Inf	81.28	3	Vertical	178	2.76	-	28.40	4.86	-				
PK	2.4862G	65.66	74.00	-8.34	32.35	3	Vertical	178	2.76	-	28.40	4.91	-				
AV	2.4835G	53.52	54.00	-0.48	20.21	3	Vertical	178	2.76	-	28.40	4.91	-				

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

2437MHz_TX

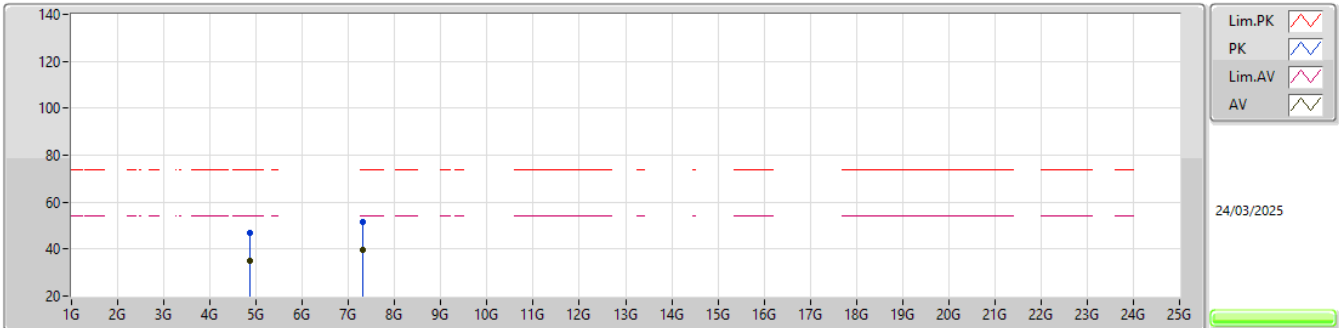


EUT_Y_2TX
Setting 23
03-P-G-2

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	2.3858G	60.78	74.00	-13.22	27.62	3	Horizontal	86	1.59	-	28.36	4.80	-				
AV	2.3898G	48.70	54.00	-5.30	15.49	3	Horizontal	86	1.59	-	28.40	4.81	-				
PK	2.4402G	111.31	Inf	-Inf	78.05	3	Horizontal	86	1.59	-	28.40	4.86	-				
AV	2.4402G	103.00	Inf	-Inf	69.74	3	Horizontal	86	1.59	-	28.40	4.86	-				
PK	2.4986G	61.14	74.00	-12.86	27.72	3	Horizontal	86	1.59	-	28.49	4.93	-				
AV	2.4846G	49.44	54.00	-4.56	16.13	3	Horizontal	86	1.59	-	28.40	4.91	-				

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

2437MHz_TX

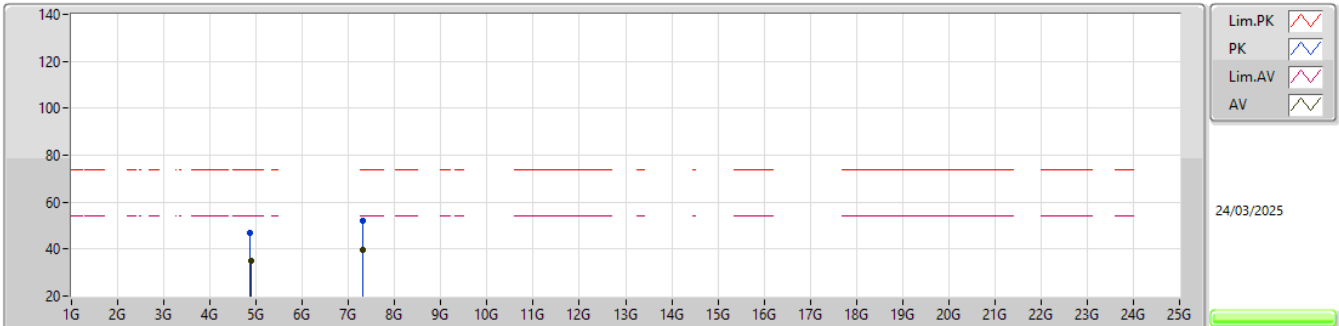


EUT_Y_2TX
Setting 23
03-P-J-10

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	4.87578G	46.74	74.00	-27.26	41.34	3	Vertical	294	2.48	-	33.55	7.18	35.33				
AV	4.87578G	34.90	54.00	-19.10	29.50	3	Vertical	294	2.48	-	33.55	7.18	35.33				
PK	7.31426G	51.53	74.00	-22.47	41.25	3	Vertical	90	1.49	-	36.83	8.61	35.16				
AV	7.31546G	39.78	54.00	-14.22	29.49	3	Vertical	90	1.49	-	36.83	8.62	35.16				

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

2437MHz_TX

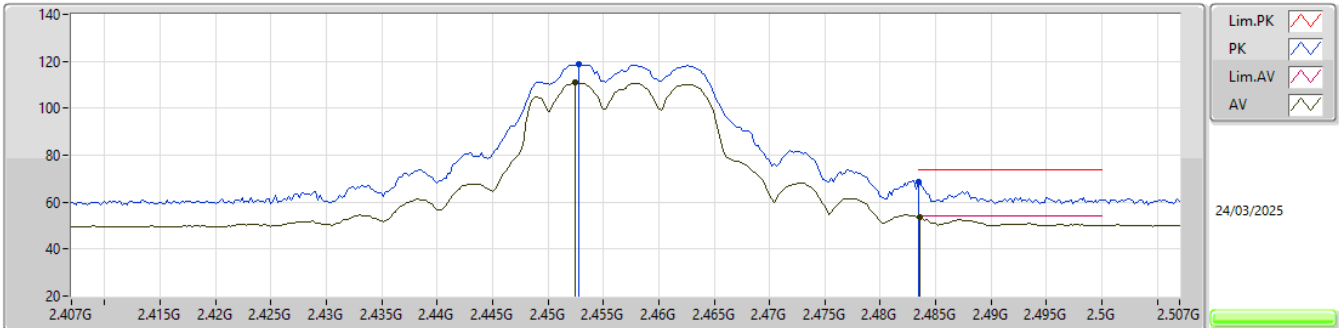


EUT_Y_2TX
Setting 23
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.87078G	46.92	74.00	-27.08	41.52	3	Horizontal	271	2.89	-	33.54	7.19	35.33				
AV	4.87782G	34.84	54.00	-19.16	29.43	3	Horizontal	271	2.89	-	33.56	7.18	35.33				
PK	7.31236G	51.87	74.00	-22.13	41.59	3	Horizontal	262	1.59	-	36.82	8.61	35.15				
AV	7.31174G	39.71	54.00	-14.29	29.43	3	Horizontal	262	1.59	-	36.82	8.61	35.15				

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

2457MHz_TX

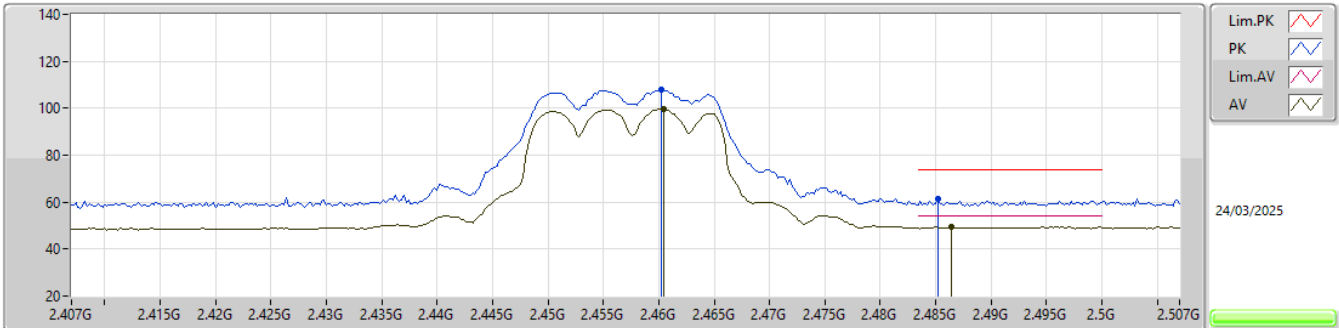


EUT_Y_2TX
Setting 19
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4528G	118.88	Inf	-Inf	85.70	3	Vertical	174	2.92	-	28.30	4.88	-				
AV	2.4524G	110.78	Inf	-Inf	77.60	3	Vertical	174	2.92	-	28.30	4.88	-				
PK	2.4835G	68.67	74.00	-5.33	35.36	3	Vertical	174	2.92	-	28.40	4.91	-				
AV	2.4836G	53.75	54.00	-0.25	20.44	3	Vertical	174	2.92	-	28.40	4.91	-				

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

2457MHz_TX

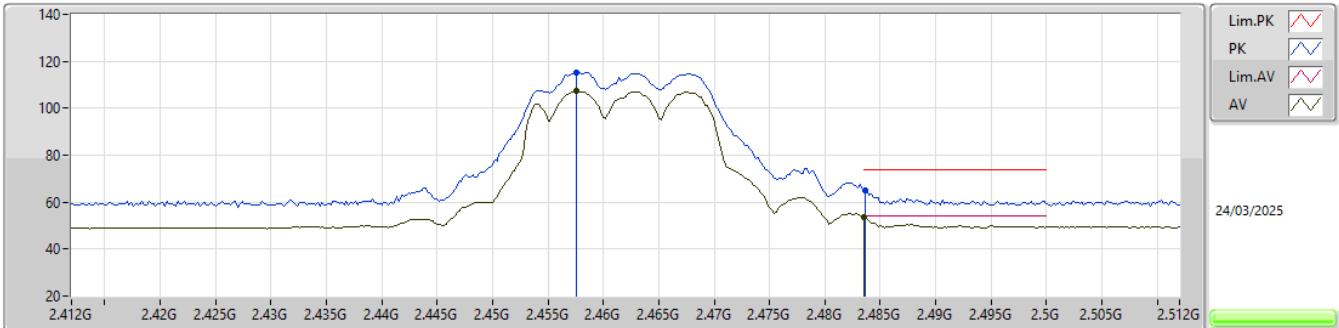


EUT_Y_2TX
Setting 19
03-P-G-2

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	2.4602G	107.77	Inf	-Inf	74.58	3	Horizontal	94	1.28	-	28.30	4.89	-			
AV	2.4604G	99.67	Inf	-Inf	66.48	3	Horizontal	94	1.28	-	28.30	4.89	-			
PK	2.4852G	61.44	74.00	-12.56	28.13	3	Horizontal	94	1.28	-	28.40	4.91	-			
AV	2.4864G	49.45	54.00	-4.55	16.13	3	Horizontal	94	1.28	-	28.40	4.92	-			

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

2462MHz_TX

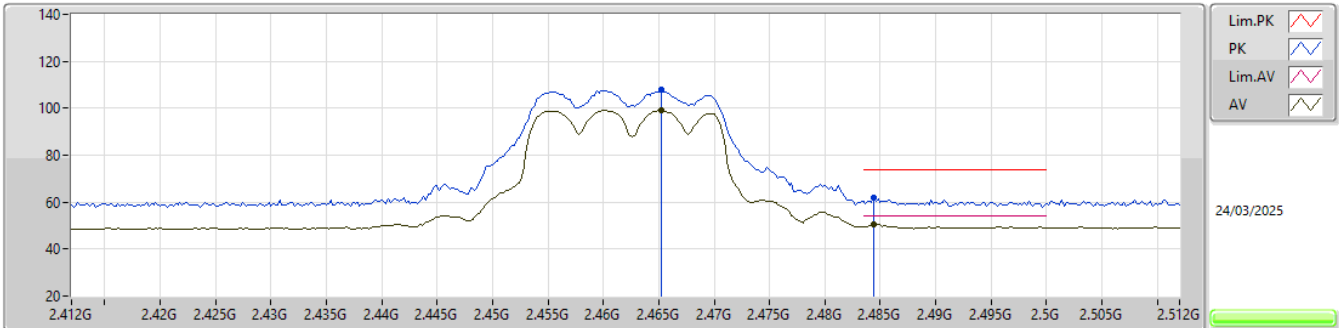


EUT_Y_2TX
Setting 15.5
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4576G	115.34	Inf	-Inf	82.16	3	Vertical	173	2.95	-	28.30	4.88	-				
AV	2.4576G	107.18	Inf	-Inf	74.00	3	Vertical	173	2.95	-	28.30	4.88	-				
PK	2.4836G	65.06	74.00	-8.94	31.75	3	Vertical	173	2.95	-	28.40	4.91	-				
AV	2.4835G	53.70	54.00	-0.30	20.39	3	Vertical	173	2.95	-	28.40	4.91	-				

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

2462MHz_TX

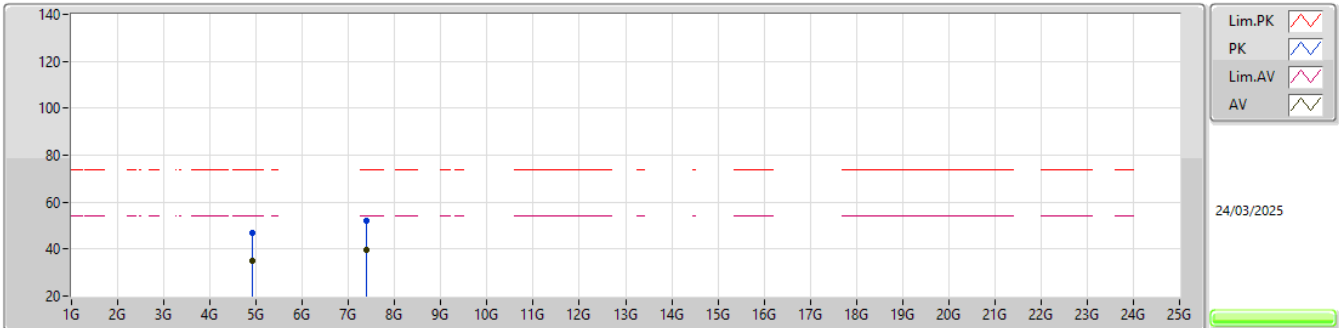


EUT_Y_2TX
Setting 15.5
03-P-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.4652G	107.81	Inf	-Inf	74.57	3	Horizontal	89	1.52	-	28.35	4.89	-			
AV	2.4652G	99.03	Inf	-Inf	65.79	3	Horizontal	89	1.52	-	28.35	4.89	-			
PK	2.4844G	61.93	74.00	-12.07	28.62	3	Horizontal	89	1.52	-	28.40	4.91	-			
AV	2.4844G	50.27	54.00	-3.73	16.96	3	Horizontal	89	1.52	-	28.40	4.91	-			

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

2462MHz_TX

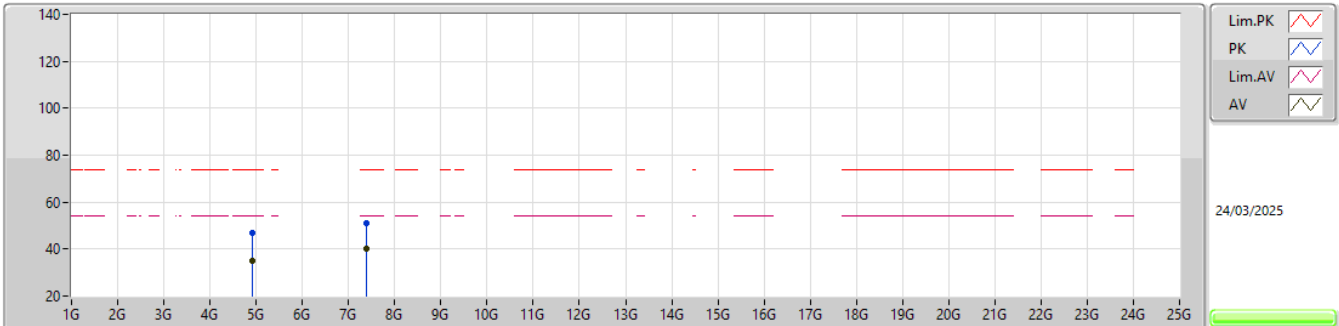


EUT_Y_2TX
Setting 15.5
03-P-J-10

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	4.92302G	47.00	74.00	-27.00	41.56	3	Vertical	346	2.92	-	33.60	7.17	35.33				
AV	4.92298G	35.05	54.00	-18.95	29.61	3	Vertical	346	2.92	-	33.60	7.17	35.33				
PK	7.3876G	52.24	74.00	-21.76	41.76	3	Vertical	118	1.90	-	36.98	8.66	35.16				
AV	7.38508G	39.75	54.00	-14.25	29.28	3	Vertical	118	1.90	-	36.97	8.66	35.16				

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

2462MHz_TX

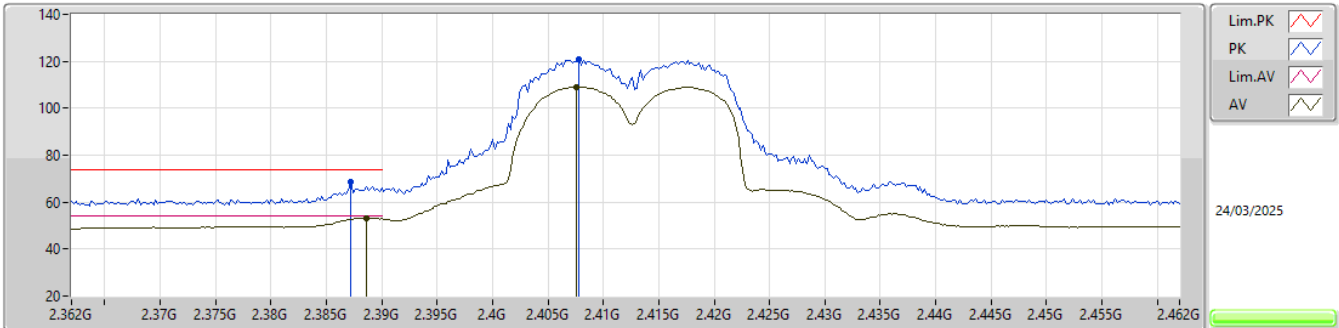


EUT_Y_2TX
Setting 15.5
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.92558G	46.70	74.00	-27.30	41.26	3	Horizontal	357	1.83	-	33.60	7.17	35.33				
AV	4.92152G	35.05	54.00	-18.95	29.61	3	Horizontal	357	1.83	-	33.60	7.17	35.33				
PK	7.381G	51.07	74.00	-22.93	40.61	3	Horizontal	74	2.31	-	36.96	8.66	35.16				
AV	7.386G	40.00	54.00	-14.00	29.53	3	Horizontal	74	2.31	-	36.97	8.66	35.16				

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

2412MHz_TX

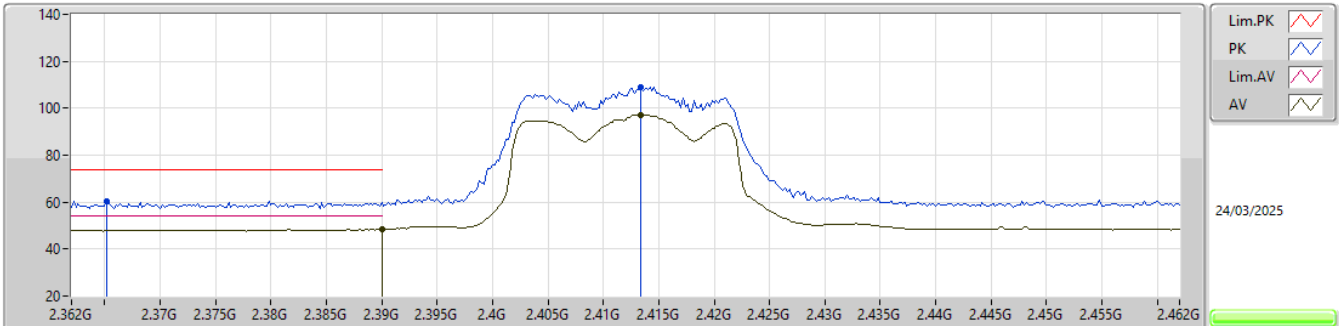


EUT_Y_2TX
Setting 18
03-P-J-10

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	2.3872G	68.61	74.00	-5.39	35.44	3	Vertical	180	2.84	-	28.37	4.80	-				
AV	2.3886G	53.23	54.00	-0.77	20.04	3	Vertical	180	2.84	-	28.39	4.80	-				
PK	2.4078G	120.71	Inf	-Inf	87.58	3	Vertical	180	2.84	-	28.30	4.83	-				
AV	2.4076G	108.90	Inf	-Inf	75.77	3	Vertical	180	2.84	-	28.30	4.83	-				

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

2412MHz_TX

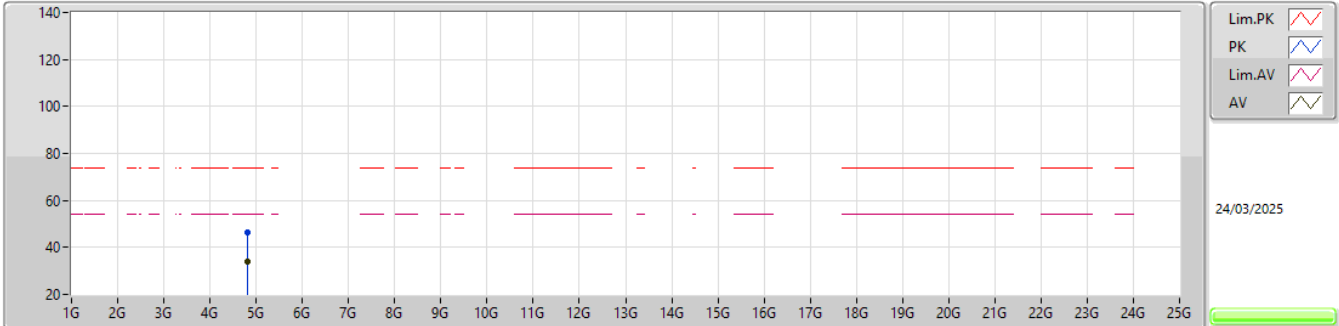


EUT_Y_2TX
Setting 18
03-P-J-10

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	2.3652G	60.28	74.00	-13.72	27.21	3	Horizontal	91	1.46	-	28.30	4.77	-			
AV	2.39G	48.40	54.00	-5.60	15.19	3	Horizontal	91	1.46	-	28.40	4.81	-			
PK	2.4134G	109.05	Inf	-Inf	75.89	3	Horizontal	91	1.46	-	28.33	4.83	-			
AV	2.4134G	97.13	Inf	-Inf	63.97	3	Horizontal	91	1.46	-	28.33	4.83	-			

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

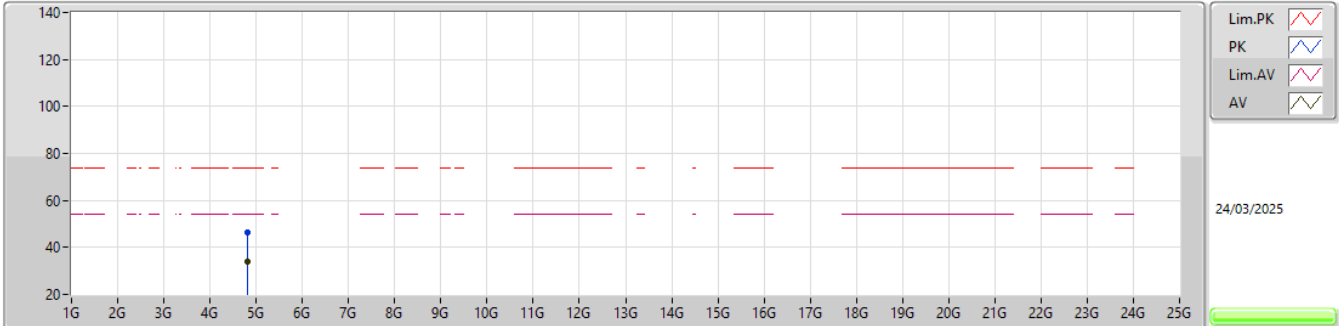
2412MHz_TX


EUT_Y_2TX
Setting 18
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82218G	46.15	74.00	-27.85	40.84	3	Vertical	258	1.24	-	33.44	7.20	35.33			
AV	4.8208G	34.04	54.00	-19.96	28.73	3	Vertical	258	1.24	-	33.44	7.20	35.33			

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

2412MHz_TX

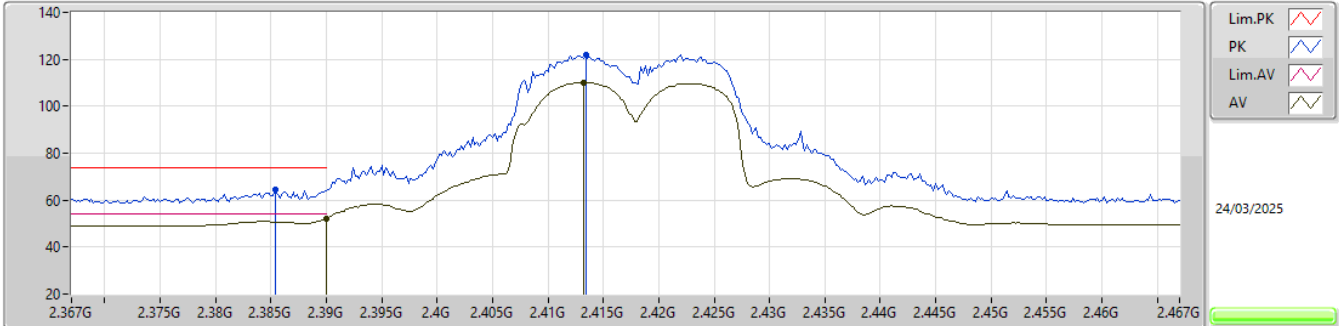


EUT_Y_2TX
Setting 18
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.8195G	46.59	74.00	-27.41	41.28	3	Horizontal	83	3.00	-	33.44	7.20	35.33			
AV	4.8226G	34.05	54.00	-19.95	28.73	3	Horizontal	83	3.00	-	33.45	7.20	35.33			

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

2417MHz_TX

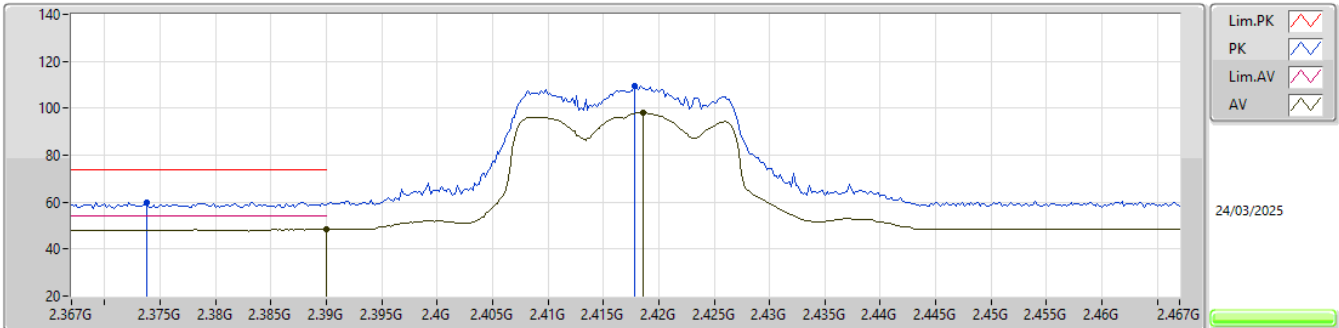


EUT_Y_2TX
Setting 19
03-P-J-10

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	64.63	74.00	-9.37	31.48	3	Vertical	175	2.73	-	28.35	4.80	-				
AV	2.39G	52.32	54.00	-1.68	19.11	3	Vertical	175	2.73	-	28.40	4.81	-				
PK	2.4134G	122.08	Inf	-Inf	88.92	3	Vertical	175	2.73	-	28.33	4.83	-				
AV	2.4132G	110.17	Inf	-Inf	77.01	3	Vertical	175	2.73	-	28.33	4.83	-				

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

2417MHz_TX

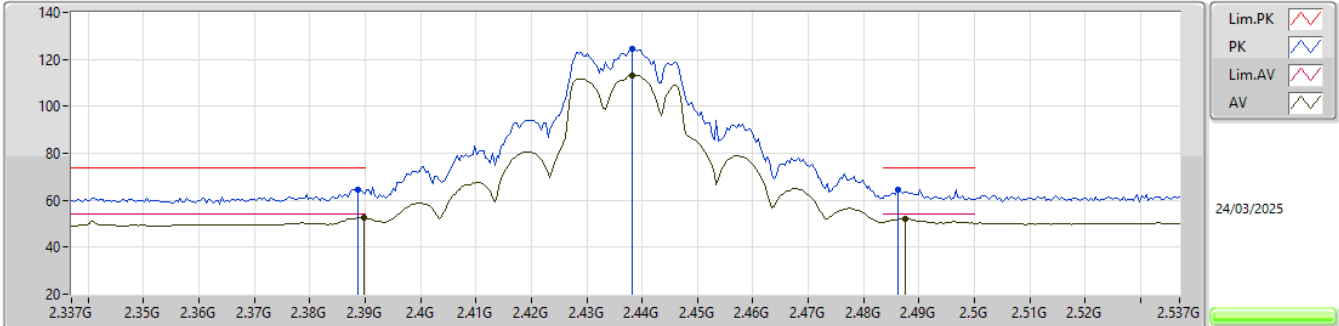


EUT_Y_2TX
Setting 19
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	2.3738G	59.95	74.00	-14.05	26.87	3	Horizontal	91	1.48	-	28.30	4.78	-			
AV	2.39G	48.70	54.00	-5.30	15.49	3	Horizontal	91	1.48	-	28.40	4.81	-			
PK	2.4178G	109.65	Inf	-Inf	76.43	3	Horizontal	91	1.48	-	28.38	4.84	-			
AV	2.4186G	98.02	Inf	-Inf	64.79	3	Horizontal	91	1.48	-	28.39	4.84	-			

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

2437MHz_TX

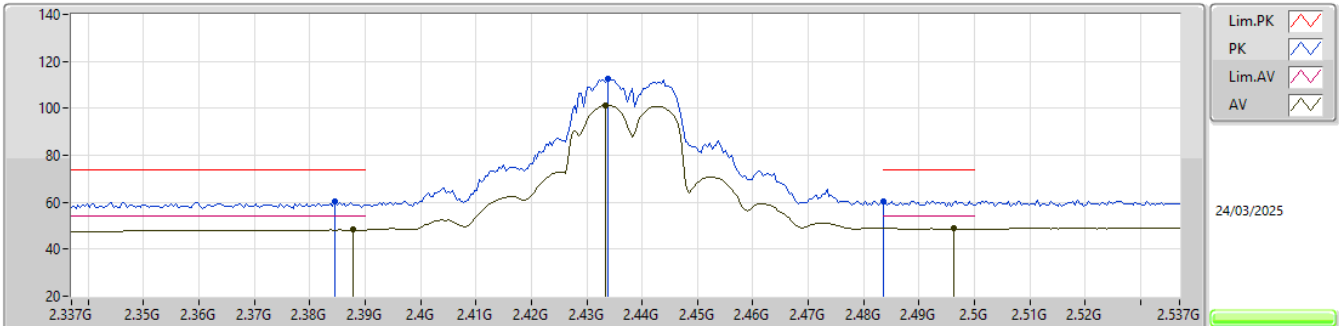


EUT_Y_2TX
Setting 22
03-P-J-10

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	2.3886G	64.49	74.00	-9.51	31.30	3	Vertical	174	2.89	-	28.39	4.80	-				
AV	2.3898G	52.52	54.00	-1.48	19.31	3	Vertical	174	2.89	-	28.40	4.81	-				
PK	2.4382G	124.71	Inf	-Inf	91.45	3	Vertical	174	2.89	-	28.40	4.86	-				
AV	2.4382G	113.24	Inf	-Inf	79.98	3	Vertical	174	2.89	-	28.40	4.86	-				
PK	2.4862G	64.42	74.00	-9.58	31.11	3	Vertical	174	2.89	-	28.40	4.91	-				
AV	2.4874G	52.17	54.00	-1.83	18.85	3	Vertical	174	2.89	-	28.40	4.92	-				

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

2437MHz_TX

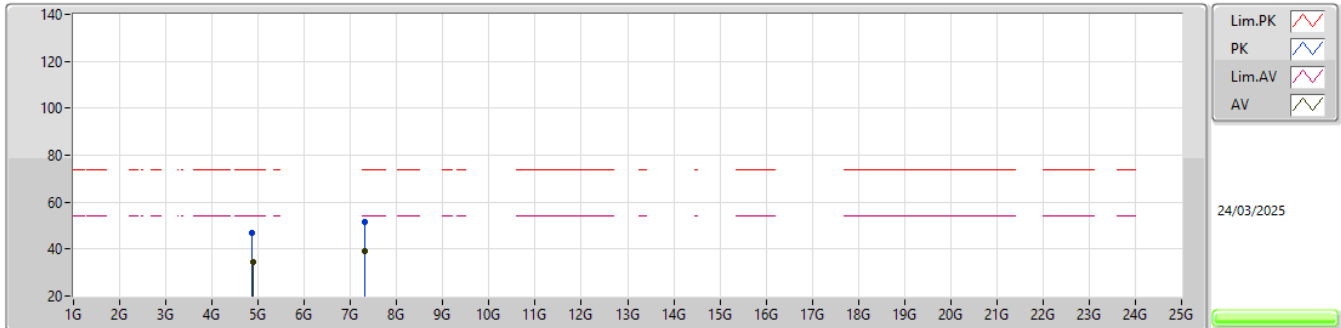


EUT_Y_2TX
Setting 22
03-P-J-10

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	2.3846G	60.15	74.00	-13.85	27.00	3	Horizontal	86	1.58	-	28.35	4.80	-			
AV	2.3878G	48.35	54.00	-5.65	15.17	3	Horizontal	86	1.58	-	28.38	4.80	-			
PK	2.4338G	112.68	Inf	-Inf	79.42	3	Horizontal	86	1.58	-	28.40	4.86	-			
AV	2.4334G	101.28	Inf	-Inf	68.02	3	Horizontal	86	1.58	-	28.40	4.86	-			
PK	2.4835G	60.53	74.00	-13.47	27.22	3	Horizontal	86	1.58	-	28.40	4.91	-			
AV	2.4962G	48.95	54.00	-5.05	15.56	3	Horizontal	86	1.58	-	28.46	4.93	-			

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

2437MHz_TX

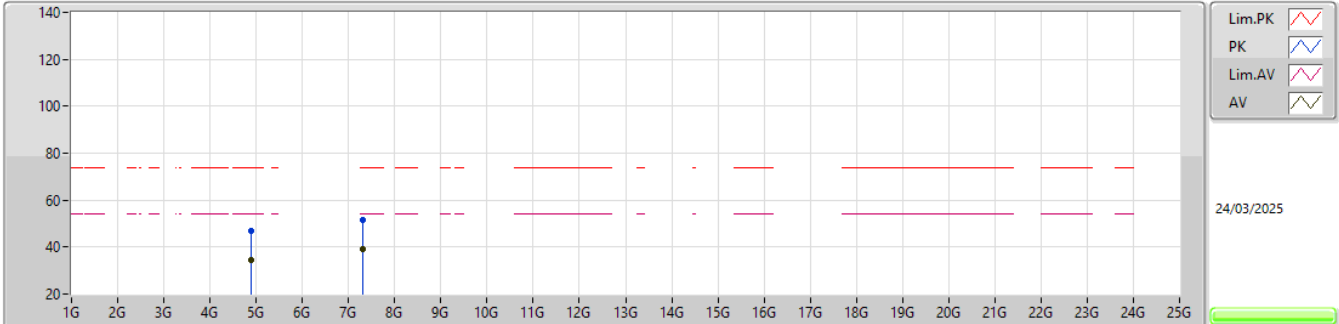


EUT_Y_2TX
Setting 22
03-P-J-10

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	4.87646G	47.02	74.00	-26.98	41.62	3	Vertical	168	1.61	-	33.55	7.18	35.33				
AV	4.8778G	34.45	54.00	-19.55	29.04	3	Vertical	168	1.61	-	33.56	7.18	35.33				
PK	7.31074G	51.54	74.00	-22.46	41.26	3	Vertical	286	1.14	-	36.82	8.61	35.15				
AV	7.31346G	39.18	54.00	-14.82	28.90	3	Vertical	286	1.14	-	36.83	8.61	35.16				

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

2437MHz_TX

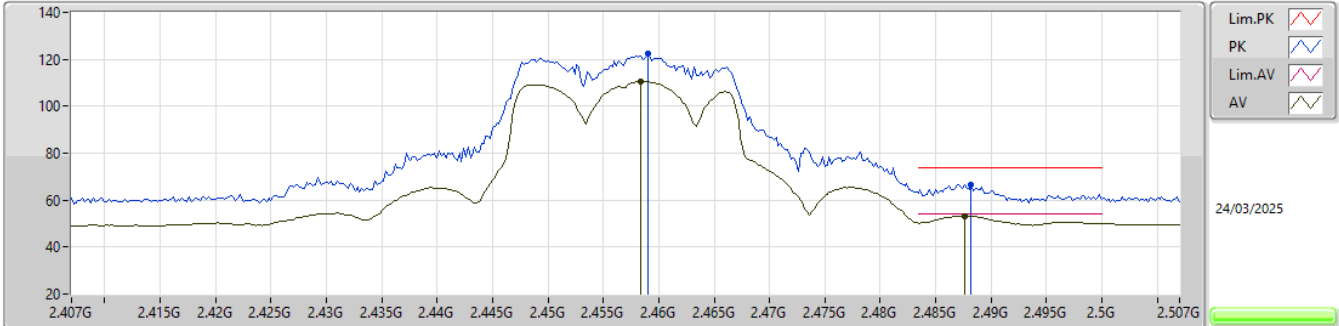


EUT_Y_2TX
Setting 22
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.87822G	46.94	74.00	-27.06	41.53	3	Horizontal	293	1.33	-	33.56	7.18	35.33				
AV	4.87778G	34.37	54.00	-19.63	28.96	3	Horizontal	293	1.33	-	33.56	7.18	35.33				
PK	7.312G	51.39	74.00	-22.61	41.11	3	Horizontal	267	1.68	-	36.82	8.61	35.15				
AV	7.3082G	39.21	54.00	-14.79	28.93	3	Horizontal	267	1.68	-	36.82	8.61	35.15				

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

2457MHz_TX

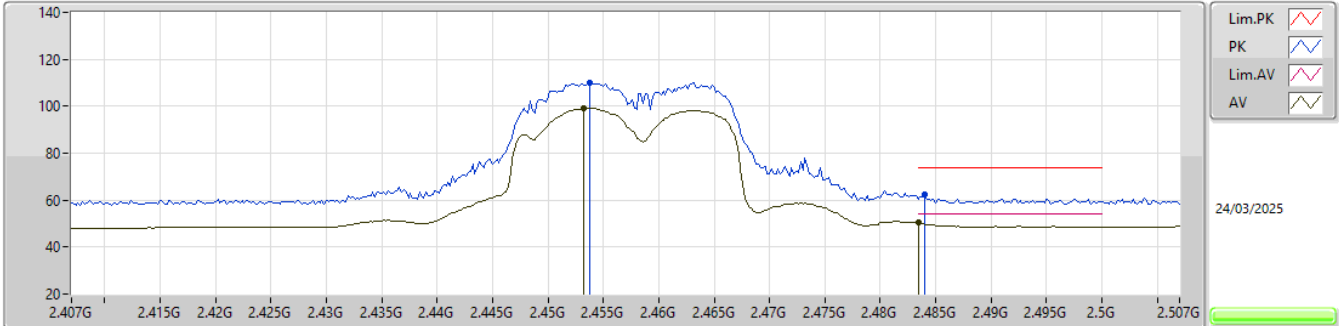


EUT_Y_2TX
Setting 19
03-P-J-10

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	2.459G	122.37	Inf	-Inf	89.19	3	Vertical	173	2.96	-	28.30	4.88	-				
AV	2.4584G	110.43	Inf	-Inf	77.25	3	Vertical	173	2.96	-	28.30	4.88	-				
PK	2.4882G	66.65	74.00	-7.35	33.33	3	Vertical	173	2.96	-	28.40	4.92	-				
AV	2.4876G	53.35	54.00	-0.65	20.03	3	Vertical	173	2.96	-	28.40	4.92	-				

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

2457MHz_TX

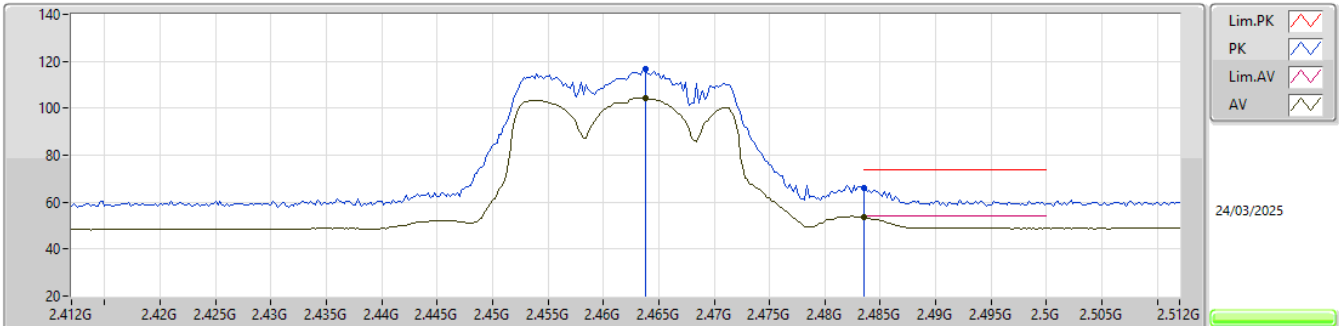


EUT_Y_2TX
Setting 19
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4538G	110.25	Inf	-Inf	77.07	3	Horizontal	87	1.51	-	28.30	4.88	-				
AV	2.4532G	99.00	Inf	-Inf	65.82	3	Horizontal	87	1.51	-	28.30	4.88	-				
PK	2.484G	62.27	74.00	-11.73	28.96	3	Horizontal	87	1.51	-	28.40	4.91	-				
AV	2.4835G	50.26	54.00	-3.74	16.95	3	Horizontal	87	1.51	-	28.40	4.91	-				

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

2462MHz_TX

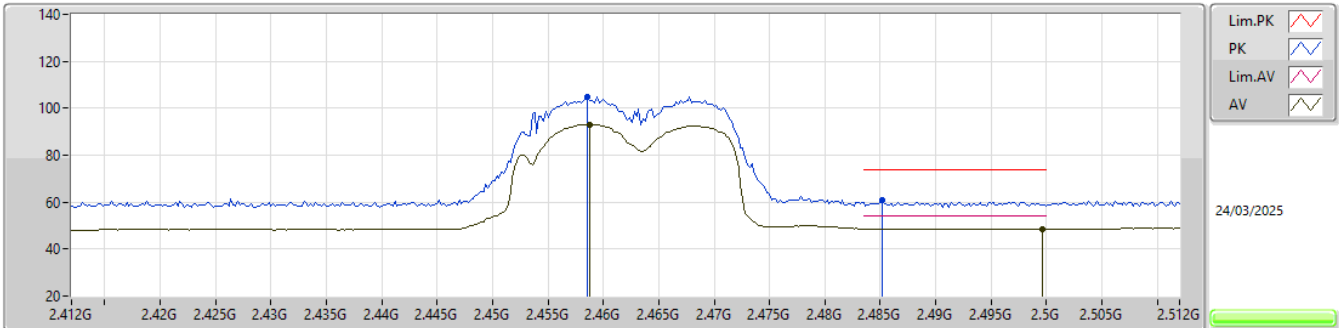


EUT_Y_2TX
Setting 13
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4638G	116.95	Inf	-Inf	83.72	3	Vertical	173	2.96	-	28.34	4.89	-				
AV	2.4638G	104.28	Inf	-Inf	71.05	3	Vertical	173	2.96	-	28.34	4.89	-				
PK	2.4835G	65.79	74.00	-8.21	32.48	3	Vertical	173	2.96	-	28.40	4.91	-				
AV	2.4835G	53.70	54.00	-0.30	20.39	3	Vertical	173	2.96	-	28.40	4.91	-				

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

2462MHz_TX

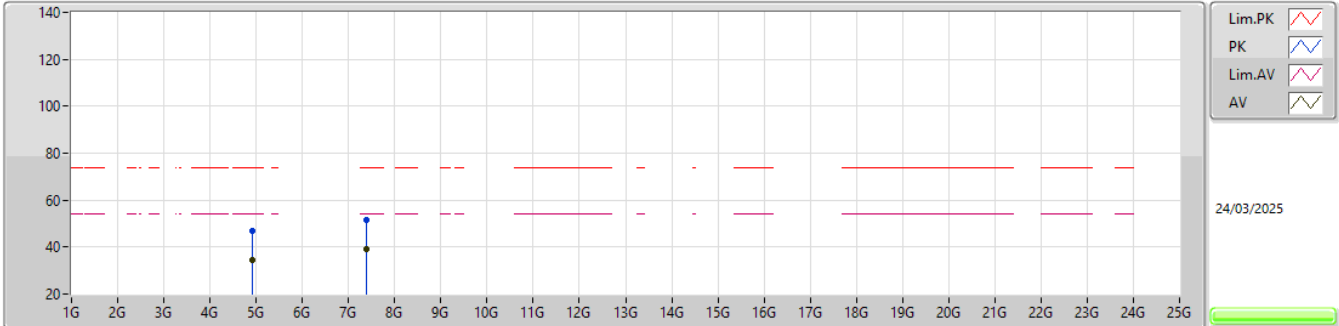


EUT_Y_2TX
Setting 13
03-P-J-10

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	2.4586G	104.77	Inf	-Inf	71.59	3	Horizontal	94	1.28	-	28.30	4.88	-			
AV	2.4588G	93.16	Inf	-Inf	59.98	3	Horizontal	94	1.28	-	28.30	4.88	-			
PK	2.4852G	60.69	74.00	-13.31	27.38	3	Horizontal	94	1.28	-	28.40	4.91	-			
AV	2.4996G	48.68	54.00	-5.32	15.25	3	Horizontal	94	1.28	-	28.50	4.93	-			

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

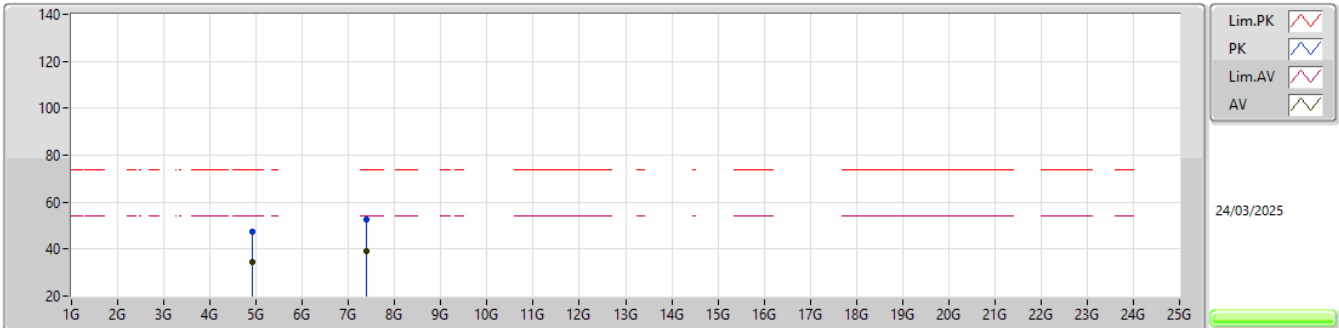
2462MHz_TX


EUT_Y_2TX
Setting 13
03-P-J-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	4.92488G	47.01	74.00	-26.99	41.57	3	Vertical	84	1.24	-	33.60	7.17	35.33				
AV	4.92446G	34.51	54.00	-19.49	29.07	3	Vertical	84	1.24	-	33.60	7.17	35.33				
PK	7.38124G	51.54	74.00	-22.46	41.08	3	Vertical	190	1.92	-	36.96	8.66	35.16				
AV	7.38836G	39.31	54.00	-14.69	28.83	3	Vertical	190	1.92	-	36.98	8.66	35.16				

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

2462MHz_TX

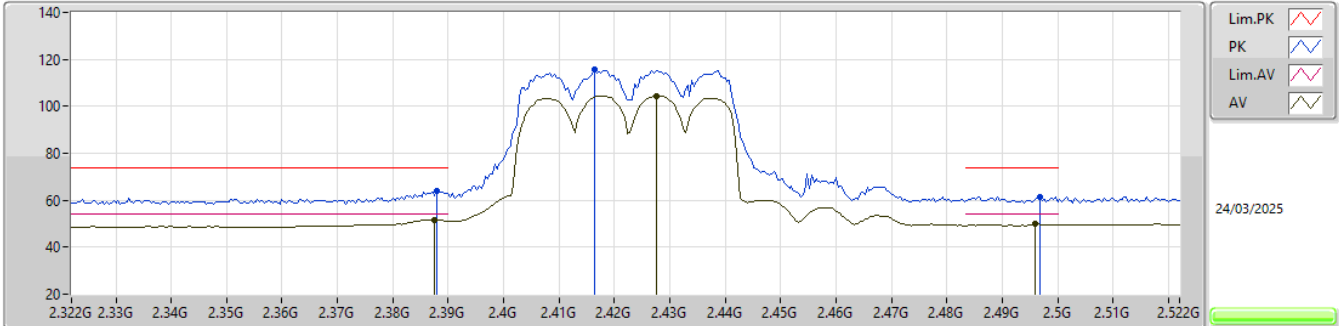


EUT_Y_2TX
Setting 13
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.9276G	47.32	74.00	-26.68	41.88	3	Horizontal	89	1.32	-	33.60	7.17	35.33				
AV	4.92506G	34.51	54.00	-19.49	29.07	3	Horizontal	89	1.32	-	33.60	7.17	35.33				
PK	7.38248G	52.55	74.00	-21.45	42.09	3	Horizontal	12	2.08	-	36.96	8.66	35.16				
AV	7.3886G	39.26	54.00	-14.74	28.78	3	Horizontal	12	2.08	-	36.98	8.66	35.16				

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

2422MHz_TX

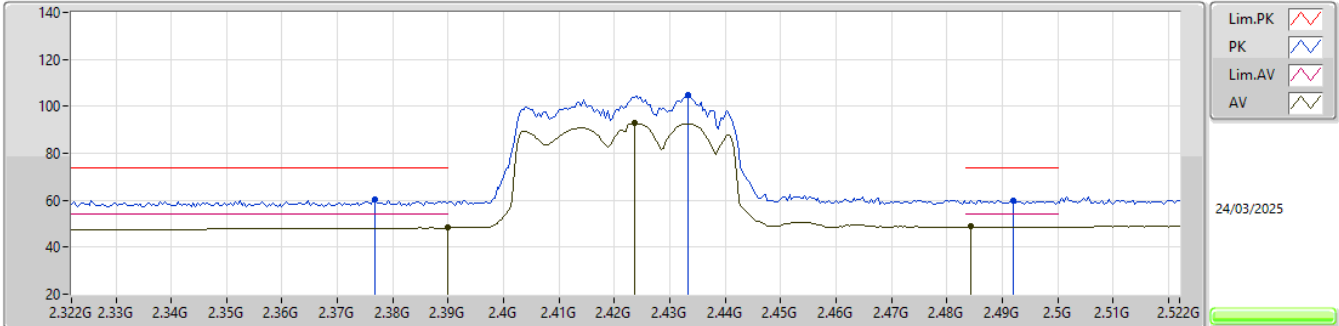


EUT_Y_2TX
Setting 16
03-P-J-10

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	63.78	74.00	-10.22	30.60	3	Vertical	179	2.74	-	28.38	4.80	-			
AV	2.3876G	51.67	54.00	-2.33	18.49	3	Vertical	179	2.74	-	28.38	4.80	-			
PK	2.4164G	115.59	Inf	-Inf	82.39	3	Vertical	179	2.74	-	28.36	4.84	-			
AV	2.4276G	104.47	Inf	-Inf	71.22	3	Vertical	179	2.74	-	28.40	4.85	-			
PK	2.4968G	61.27	74.00	-12.73	27.87	3	Vertical	179	2.74	-	28.47	4.93	-			
AV	2.496G	49.83	54.00	-4.17	16.44	3	Vertical	179	2.74	-	28.46	4.93	-			

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

2422MHz_TX

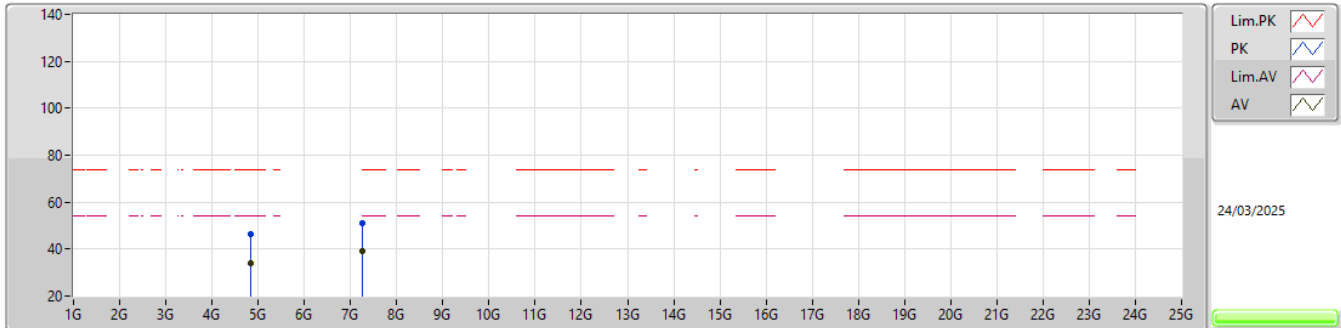


EUT Y_2TX
Setting 16
03-P-J-10

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	2.3768G	60.21	74.00	-13.79	27.12	3	Horizontal	87	1.54	-	28.30	4.79	-			
AV	2.39G	48.40	54.00	-5.60	15.19	3	Horizontal	87	1.54	-	28.40	4.81	-			
PK	2.4332G	104.86	Inf	-Inf	71.60	3	Horizontal	87	1.54	-	28.40	4.86	-			
AV	2.4236G	92.79	Inf	-Inf	59.54	3	Horizontal	87	1.54	-	28.40	4.85	-			
PK	2.492G	59.91	74.00	-14.09	26.57	3	Horizontal	87	1.54	-	28.42	4.92	-			
AV	2.4844G	48.84	54.00	-5.16	15.53	3	Horizontal	87	1.54	-	28.40	4.91	-			

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

2422MHz_TX

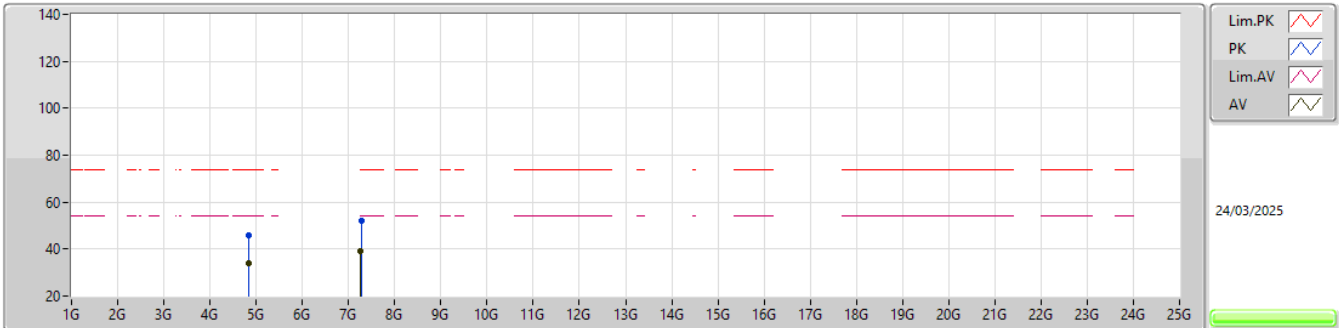


EUT_Y_2TX
Setting 16
03-P-J-10

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	4.84234G	46.30	74.00	-27.70	40.95	3	Vertical	229	2.97	-	33.48	7.20	35.33				
AV	4.848G	33.88	54.00	-20.12	28.52	3	Vertical	229	2.97	-	33.50	7.19	35.33				
PK	7.26872G	50.88	74.00	-23.12	40.78	3	Vertical	154	2.62	-	36.67	8.58	35.15				
AV	7.2622G	39.04	54.00	-14.96	28.96	3	Vertical	154	2.62	-	36.65	8.58	35.15				

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

2422MHz_TX

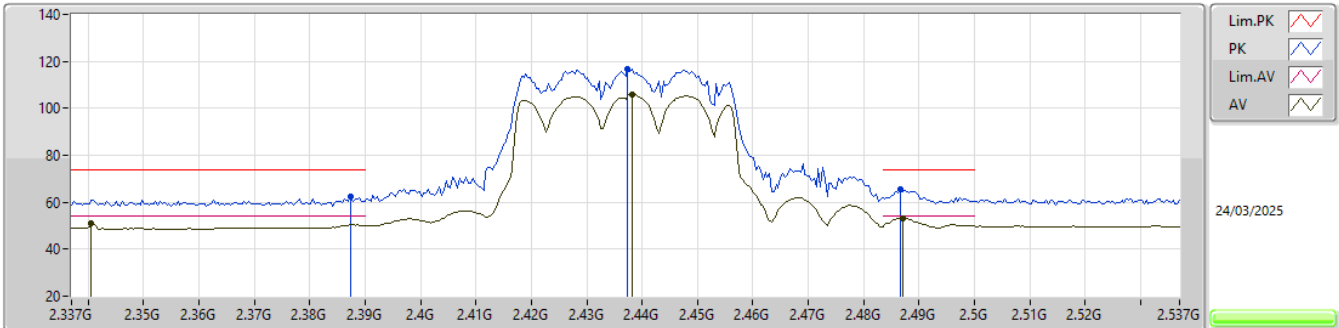


EUT_Y_2TX
Setting 16
03-P-J-10

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	4.84854G	46.01	74.00	-27.99	40.65	3	Horizontal	251	2.34	-	33.50	7.19	35.33				
AV	4.8489G	33.88	54.00	-20.12	28.52	3	Horizontal	251	2.34	-	33.50	7.19	35.33				
PK	7.26974G	51.87	74.00	-22.13	41.75	3	Horizontal	115	1.95	-	36.68	8.59	35.15				
AV	7.2638G	39.05	54.00	-14.95	28.96	3	Horizontal	115	1.95	-	36.66	8.58	35.15				

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

2437MHz_TX

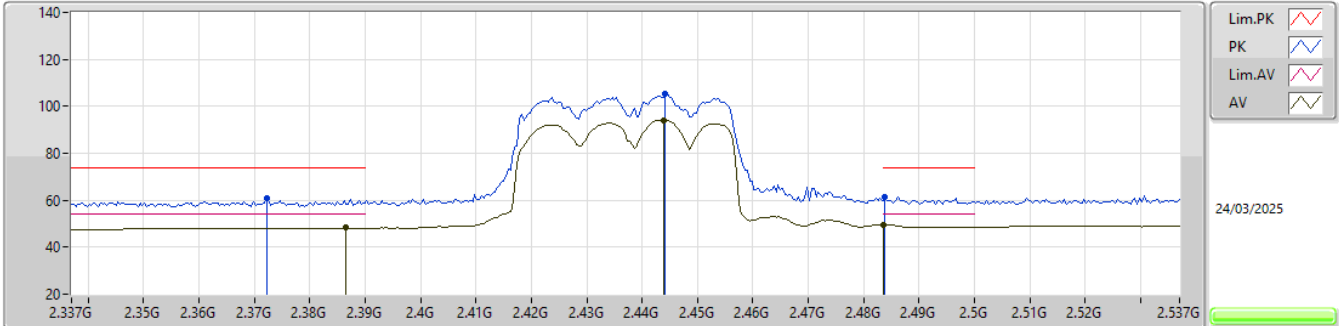


EUT_Y_2TX
Setting 17
03-P-J-10

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	2.3874G	62.53	74.00	-11.47	29.36	3	Vertical	180	2.90	-	28.37	4.80	-			
AV	2.3406G	51.22	54.00	-2.78	18.27	3	Vertical	180	2.90	-	28.21	4.74	-			
PK	2.4374G	116.76	Inf	-Inf	83.50	3	Vertical	180	2.90	-	28.40	4.86	-			
AV	2.4382G	105.76	Inf	-Inf	72.50	3	Vertical	180	2.90	-	28.40	4.86	-			
PK	2.4866G	65.45	74.00	-8.55	32.13	3	Vertical	180	2.90	-	28.40	4.92	-			
AV	2.487G	53.17	54.00	-0.83	19.85	3	Vertical	180	2.90	-	28.40	4.92	-			

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

2437MHz_TX

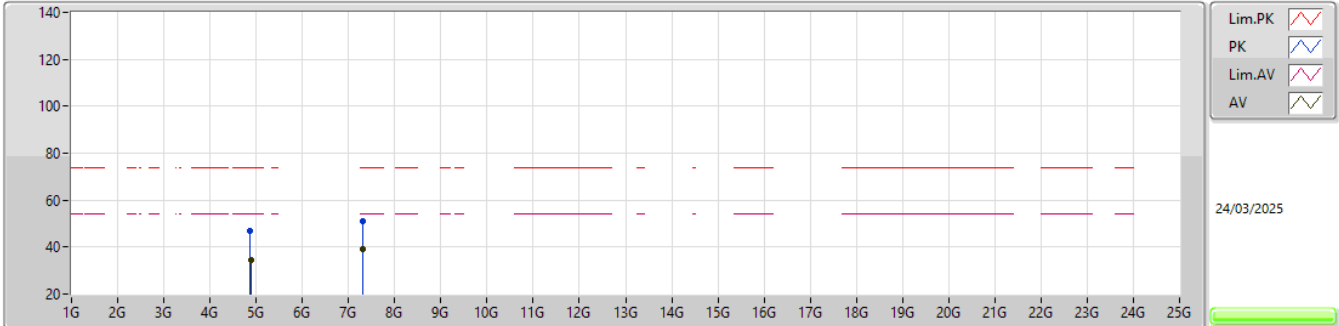


EUT_Y_2TX
Setting 17
03-P-J-10

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	2.3722G	60.92	74.00	-13.08	27.84	3	Horizontal	89	1.44	-	28.30	4.78	-			
AV	2.3866G	48.34	54.00	-5.66	15.17	3	Horizontal	89	1.44	-	28.37	4.80	-			
PK	2.4442G	105.46	Inf	-Inf	72.23	3	Horizontal	89	1.44	-	28.36	4.87	-			
AV	2.4438G	94.22	Inf	-Inf	60.99	3	Horizontal	89	1.44	-	28.36	4.87	-			
PK	2.4838G	61.37	74.00	-12.63	28.06	3	Horizontal	89	1.44	-	28.40	4.91	-			
AV	2.4835G	49.72	54.00	-4.28	16.41	3	Horizontal	89	1.44	-	28.40	4.91	-			

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

2437MHz_TX

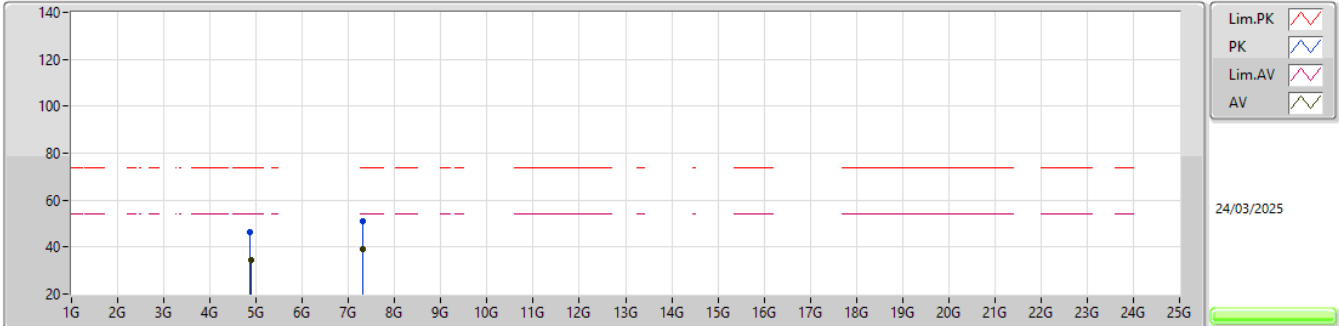


EUT_Y_2TX
Setting 17
03-P-J-10

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	4.87142G	47.00	74.00	-27.00	41.60	3	Vertical	326	2.88	-	33.54	7.19	35.33				
AV	4.87738G	34.35	54.00	-19.65	28.95	3	Vertical	326	2.88	-	33.55	7.18	35.33				
PK	7.3155G	51.20	74.00	-22.80	40.91	3	Vertical	226	2.94	-	36.83	8.62	35.16				
AV	7.31526G	39.19	54.00	-14.81	28.91	3	Vertical	226	2.94	-	36.83	8.61	35.16				

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

2437MHz_TX

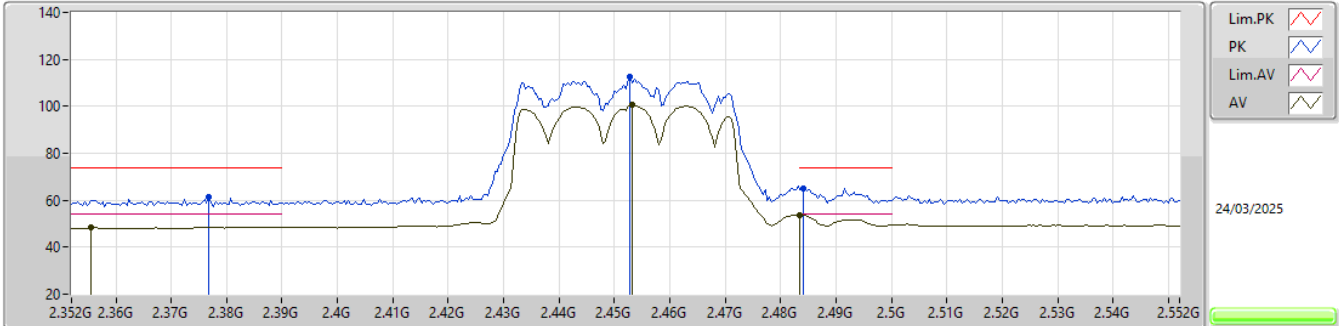


EUT_Y_2TX
Setting 17
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	4.8772G	46.60	74.00	-27.40	41.20	3	Horizontal	79	2.91	-	33.55	7.18	35.33					
AV	4.87754G	34.53	54.00	-19.47	29.12	3	Horizontal	79	2.91	-	33.56	7.18	35.33					
PK	7.3152G	51.14	74.00	-22.86	40.86	3	Horizontal	192	2.43	-	36.83	8.61	35.16					
AV	7.31156G	39.17	54.00	-14.83	28.89	3	Horizontal	192	2.43	-	36.82	8.61	35.15					

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

2452MHz_TX

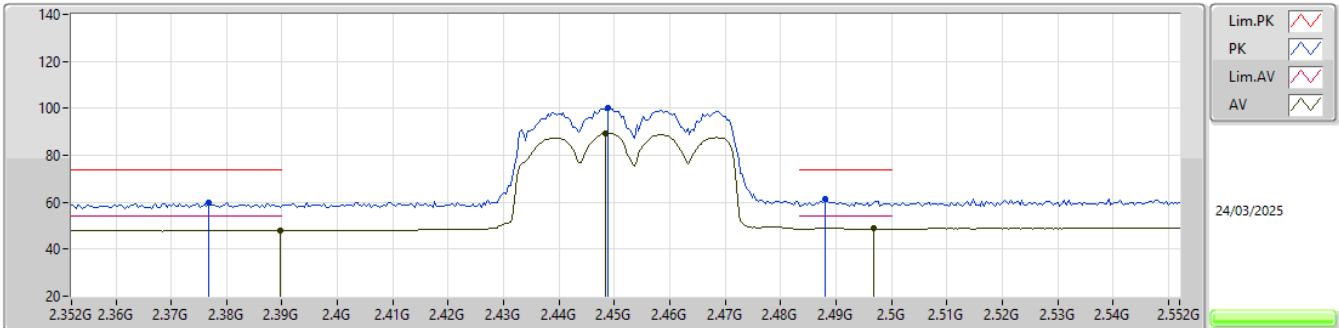


EUT_Y_2TX
Setting 12
03-P-J-10

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	2.3768G	61.50	74.00	-12.50	28.41	3	Vertical	177	2.96	-	28.30	4.79	-
AV	2.3556G	48.67	54.00	-5.33	15.61	3	Vertical	177	2.96	-	28.30	4.76	-
PK	2.4528G	112.60	Inf	-Inf	79.42	3	Vertical	177	2.96	-	28.30	4.88	-
AV	2.4532G	100.46	Inf	-Inf	67.28	3	Vertical	177	2.96	-	28.30	4.88	-
PK	2.484G	65.01	74.00	-8.99	31.70	3	Vertical	177	2.96	-	28.40	4.91	-
AV	2.4835G	53.87	54.00	-0.13	20.56	3	Vertical	177	2.96	-	28.40	4.91	-

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

2452MHz_TX

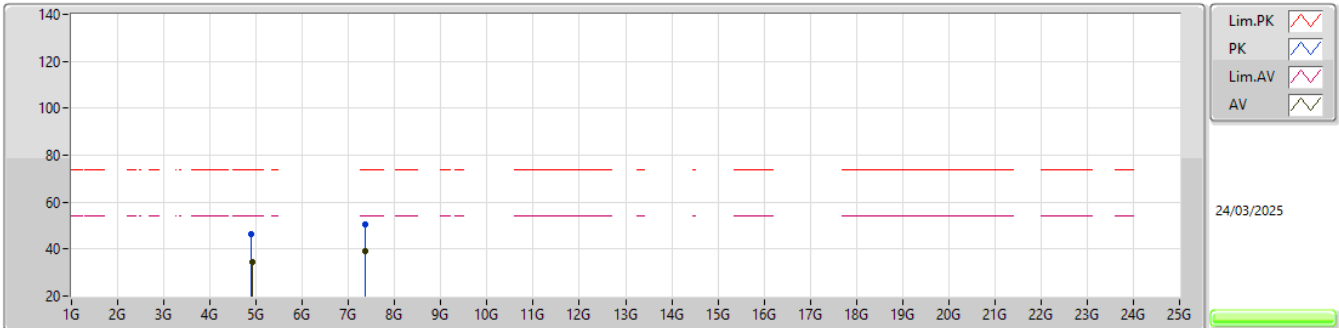


EUT_Y_2TX
Setting 12
03-P-J-10

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	2.3768G	60.05	74.00	-13.95	26.96	3	Horizontal	90	1.46	-	28.30	4.79	-			
AV	2.3896G	48.08	54.00	-5.92	14.87	3	Horizontal	90	1.46	-	28.40	4.81	-			
PK	2.4488G	100.00	Inf	-Inf	66.82	3	Horizontal	90	1.46	-	28.31	4.87	-			
AV	2.4484G	89.38	Inf	-Inf	56.19	3	Horizontal	90	1.46	-	28.32	4.87	-			
PK	2.488G	61.17	74.00	-12.83	27.85	3	Horizontal	90	1.46	-	28.40	4.92	-			
AV	2.4968G	48.96	54.00	-5.04	15.56	3	Horizontal	90	1.46	-	28.47	4.93	-			

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

2452MHz_TX

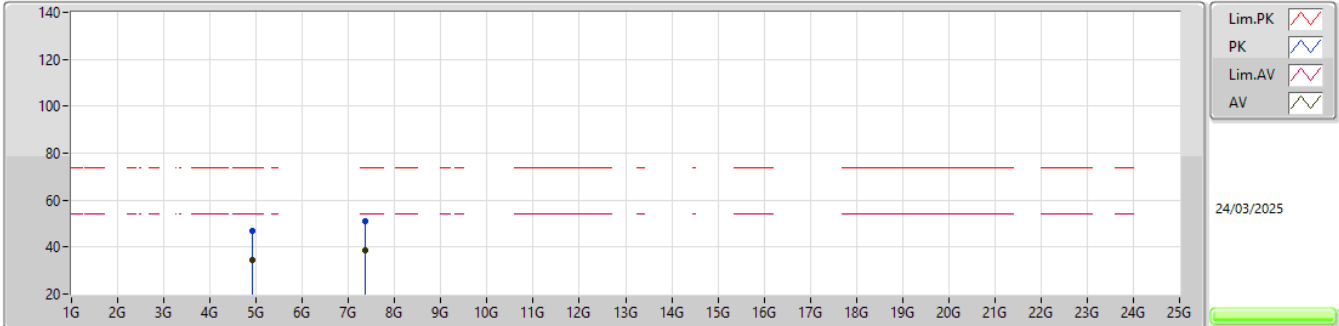


EUT_Y_2TX
Setting 12
03-P-J-10

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	4.90276G	46.51	74.00	-27.49	41.07	3	Vertical	268	2.56	-	33.60	7.17	35.33				
AV	4.90412G	34.35	54.00	-19.65	28.91	3	Vertical	268	2.56	-	33.60	7.17	35.33				
PK	7.3568G	50.77	74.00	-23.23	40.38	3	Vertical	270	1.57	-	36.91	8.64	35.16				
AV	7.3512G	38.90	54.00	-15.10	28.52	3	Vertical	270	1.57	-	36.90	8.64	35.16				

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

2452MHz_TX

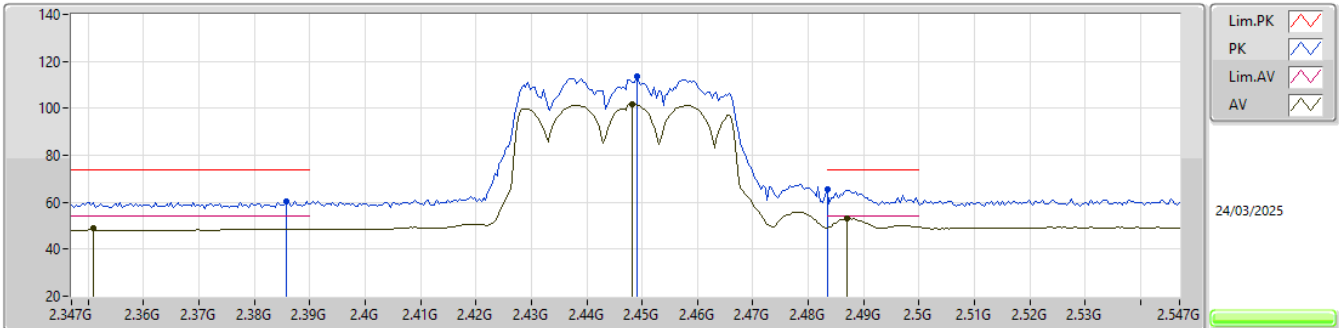


EUT_Y_2TX
Setting 12
03-P-J-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.90856G	46.87	74.00	-27.13	41.43	3	Horizontal	174	1.53	-	33.60	7.17	35.33				
AV	4.90722G	34.44	54.00	-19.56	29.00	3	Horizontal	174	1.53	-	33.60	7.17	35.33				
PK	7.35822G	50.87	74.00	-23.13	40.47	3	Horizontal	75	2.61	-	36.92	8.64	35.16				
AV	7.35112G	38.84	54.00	-15.16	28.46	3	Horizontal	75	2.61	-	36.90	8.64	35.16				

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

2447MHz_TX

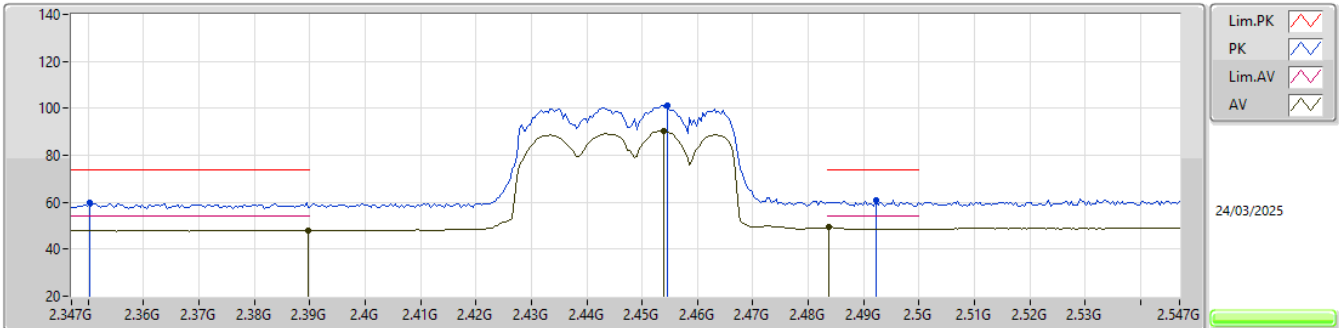


EUT_Y_2TX
Setting 13
03-P-J-10

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	2.3858G	60.56	74.00	-13.44	27.40	3	Vertical	177	2.83	-	28.36	4.80	-				
AV	2.351G	48.93	54.00	-5.07	15.88	3	Vertical	177	2.83	-	28.30	4.75	-				
PK	2.449G	113.42	Inf	-Inf	80.24	3	Vertical	177	2.83	-	28.31	4.87	-				
AV	2.4482G	101.72	Inf	-Inf	68.53	3	Vertical	177	2.83	-	28.32	4.87	-				
PK	2.4835G	65.61	74.00	-8.39	32.30	3	Vertical	177	2.83	-	28.40	4.91	-				
AV	2.487G	53.08	54.00	-0.92	19.76	3	Vertical	177	2.83	-	28.40	4.92	-				

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

2447MHz_TX



EUT_Y_2TX
Setting 13
03-P-J-10

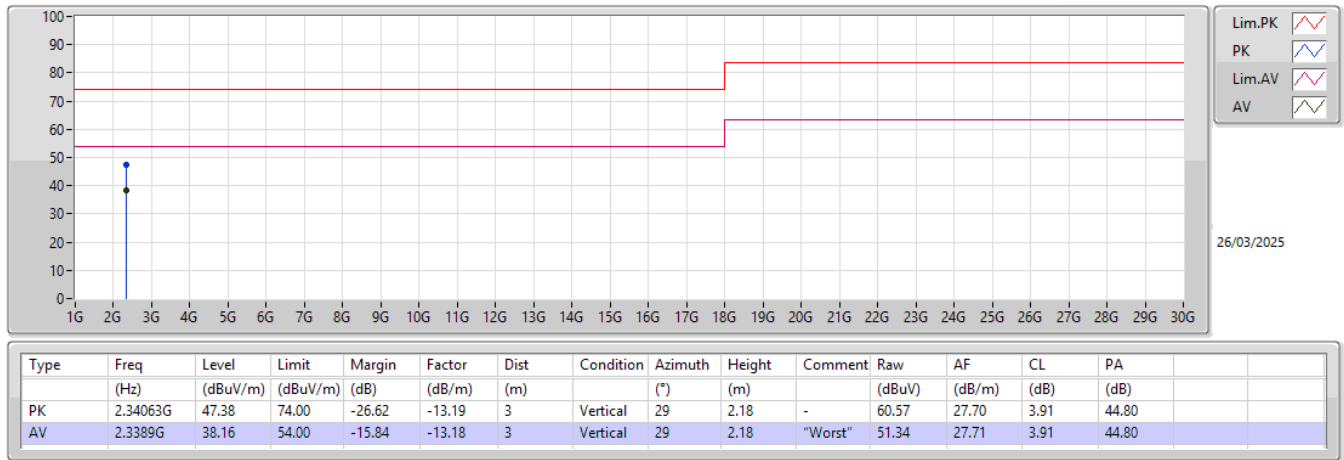
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3502G	59.73	74.00	-14.27	26.68	3	Horizontal	90	1.51	-	28.30	4.75	-			
AV	2.3898G	48.08	54.00	-5.92	14.87	3	Horizontal	90	1.51	-	28.40	4.81	-			
PK	2.4546G	101.46	Inf	-Inf	68.28	3	Horizontal	90	1.51	-	28.30	4.88	-			
AV	2.4538G	90.34	Inf	-Inf	57.16	3	Horizontal	90	1.51	-	28.30	4.88	-			
PK	2.4922G	60.81	74.00	-13.19	27.47	3	Horizontal	90	1.51	-	28.42	4.92	-			
AV	2.4838G	49.44	54.00	-4.56	16.13	3	Horizontal	90	1.51	-	28.40	4.91	-			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	2.3389G	38.16	54.00	-15.84	Vertical

Mode 2



Mode 2

