Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-CU639
Equipment	:	Wireless MCU with Integrated Wi-Fi 6 + Bluetooth Low Energy 5.4
Brand Name	:	AzureWave
Model Name	:	AW-CU639-ZC1, AW-CU639-ZC2
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies (Shanghai) Inc. No. 1355, Jiaxin Road, Malu Twon, Jiading District Shanghai, P.R. China
Standard	:	47 CFR FCC Part 15.247

The product was received on Dec. 26, 2024, and testing was started from Dec. 27, 2024 and completed on Feb. 15, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR4D1802AA	01	Initial issue of report	Mar. 03, 2025

Summary of Test Result

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

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/manufacturer 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: Vicky Huang

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), ax (HEW20)	2412-2462	1-11 [11]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	EUT 1	EUT 2					
1	1	1	AzureWave	2639AN	PCB	N/A	2.5
2	2	2/3	TE	2108792-2	Dipole	I-Pex	4.9
3	2	2/3	TAOGLAS	FXP831.07.0100C	Dipole	I-Pex	3
4	2	2/3	TAOGLAS	FXP830.07.0100C	Dipole	I-Pex	2.5

Note 1: The above information was declared by manufacturer.

Note 2: For RF Conducted test: Only the highest gain antenna “Ant. 2” was selected to perform the test and recorded in this report.

For Radiated test and AC Conduction test: The EUT has two types of antenna. The antennas with the highest gain of each type were selected to test and their data were recorded in this report. Thus, Ant. 1 & Ant. 2 were selected to test.

For WLAN 2.4GHz function

For IEEE 802.11b/g/n/ax (1TX/1RX):

The EUT supports all antennas with TX/RX diversity functions, but only one of them will be used at one time.

For RF Conducted test: The port 1 generated the worst case from all ports, so it was selected to be tested from this port.

For Radiated test: For Ant. 2, the port 3 generated the worst case from port 2~3, so it was selected to be tested from this port.

For Bluetooth function (1TX/1RX):
The EUT supports all antennas with TX/RX diversity functions, but only one of them will be used at one time.
For RF Conducted test: The port 2 generated the worst case from all ports, so it was selected to be tested from this port.
For Radiated test: For Ant.2, the port 3 generated the worst case from port 2~3, so it was selected to be tested from this port.

1.1.3 Test Mode of Partial RU

Mode	Partial RU		
802.11ax HEW20	26	52	106

1.1.4 Mode Test Duty Cycle

<Full RU>

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)

<Partial RU>

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20	0.975	0.11	2.057m	500

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.5 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	DutApiMimoApApp 2.0.0.2			

Note: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

EUT	Model Name	Amount of External Ant. Port	SRAM	D/C Input
1	AW-CU639-ZC1	1	X	V
2	AW-CU639-ZC2	2	V	X

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 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) 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	TH01-CB	Chris Li	22.1-23.2 / 60-62	Jan. 02, 2025~ Feb. 05, 2025
Radiated (Below 1GHz)	03CH06-CB	Gordon Hung	22.5-22.9 / 58-60	Dec. 27, 2024~ Feb. 15, 2025
Radiated (Above 1GHz)	03CH02-CB	Gordon Hung	22-23 / 61-63	Dec. 27, 2024~ Feb. 15, 2025
Radiated (Co-location)	03CH04-CB	Gordon Hung	22.7-23.8 / 58-60	Dec. 27, 2024~ Feb. 15, 2025
AC Conduction	CO01-CB	Tim Chen	21~22 / 58~59	Feb. 14, 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

<Full RU>

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_1TX
2412MHz
2437MHz
2462MHz

<Partial RU>

Mode
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX
2412MHz
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX
2412MHz
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX
2412MHz
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX
2462MHz
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX
2462MHz
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX
2462MHz

Note:
- HEW 20 covers HT20 due to similar modulation. The power setting for HT20 is the same or lower than HEW20.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT 2 + WLAN 2.4GHz + Ant. 1
2	EUT 1 + WLAN 2.4GHz + Ant. 1
3	EUT 2 + WLAN 2.4GHz + Ant. 2 (Port 3)
4	EUT 2 + WLAN 2.4GHz + Ant. 2 (Port 2)
5	EUT 1 + WLAN 2.4GHz + Ant. 2 (Port 2)
6	EUT 2 + Bluetooth + Ant. 1
7	EUT 1 + Bluetooth + Ant. 1
8	EUT 2 + Bluetooth + Ant. 2 (Port 3)
9	EUT 2 + Bluetooth + Ant. 2 (Port 2)
10	EUT 1 + Bluetooth + Ant. 2 (Port 2)
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
Operating Mode	1. There are two EUTs, after evaluating, EUT 2 has been evaluated to be the worst case, thus measurement will follow this same test configuration. 2. Only the highest gain antenna was selected to test.
1	EUT 2 + Ant. 2 (Test from port 1)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	1. There are two EUTs, after evaluating, EUT 2 has been evaluated to be the worst case, thus measurement will follow this same test configuration 2. Only the highest gain antenna was selected to test.
1	EUT 2 + Ant. 2_Full RU (Test from port 1)
2	EUT 2 + Ant. 2_Partial RU (Test from port 1)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	1. After evaluating, and the worst case axis was found as below for Emissions in Restricted Frequency Bands above 1GHz test. So the measurement will follow this same test configuration. 2. There are two modes of EUT 2, one is EUT 2 + Ant. 2 (Port 2) and the other is EUT 2 + Ant. 2 (Port 3). EUT 2 + Ant. 2 (Port 3) mode has been evaluated to be the worst case after evaluating. So the will follow this same test configuration.
1	EUT 2 in Z axis + Bluetooth + Ant. 1
2	EUT 1 in Z axis + Bluetooth + Ant. 1
3	EUT 2 in Z axis + Bluetooth + Ant. 2 (Port 3)
4	EUT 1 in Z axis + Bluetooth + Ant. 2 (Port 2)
5	EUT 2 in Y axis + WLAN 2.4GHz + Ant. 1
6	EUT 1 in Y axis + WLAN 2.4GHz + Ant. 1
7	EUT 2 in X axis + WLAN 2.4GHz + Ant. 2 (Port 3)
8	EUT 1 in X axis + WLAN 2.4GHz + Ant. 2 (Port 2)
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	1. After evaluating, the worst case axis was found as below. So the measurement will follow this same test configuration. 2. For Ant. 1: There are two EUTs, after evaluating, EUT 2 has been evaluated to be the worst case, thus measurement will follow this same test configuration. 3. For Ant. 2: There are three modes of EUT, one is EUT 1 + Ant. 2 (Port 2), another is EUT 2 + Ant. 2 (Port 2) and the other is EUT 2 + Ant. 2 (Port 3). EUT 2 + Ant. 2 (Port 3) mode has been evaluated to be the worst case after evaluating. So the will follow this same test configuration.
1	EUT 2 in Y axis + Ant. 1_Full
2	EUT 2 in X axis + Ant. 2 (Port 3)_Full
3	EUT 2 in Y axis + Ant. 1_Partial RU
4	EUT 2 in X axis + Ant. 2 (Port 3)_Partial RU

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	CTX
	After evaluating, the worst case axis was found as below. So the measurement will follow this same test configuration.
1	EUT 1 in Y axis + WLAN 2.4GHz + Bluetooth + Ant. 1
2	EUT 1 in X axis + WLAN 2.4GHz + Bluetooth + Ant. 2 (Port 2)
3	EUT 2 in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 1
4	EUT 2 in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 2 (Port 2)
5	EUT 2 in Z axis + WLAN 2.4GHz + Bluetooth + Ant. 2 (Port 3)
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. There are two EUTs, after evaluating, EUT 2 has been evaluated to be the worst case, thus measurement will follow this same test configuration. 2. Only the highest gain antenna was selected to test.
1	EUT 2 + WLAN 2.4GHz + Bluetooth + Ant. 2
Refer to Sporton Test Report No.: FA4D1802 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	Lenovo	X1 Carbon	N/A
B	Earphone	e-Power	GT-02	N/A
C	Mouse	Acer	MOJFUO	N/A
D	Fixture	Azurewave	2639-I02	N/A

For Radiated:

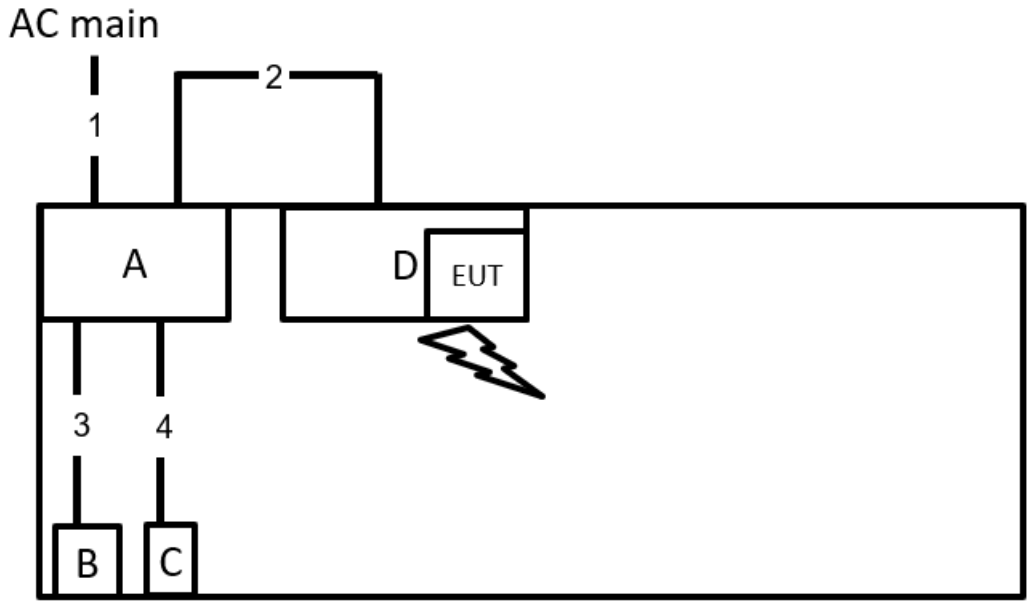
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	AzureWave	2639-I02	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	Lenovo	L440	N/A
B	Fixture	Azurewave	2639-I02	N/A

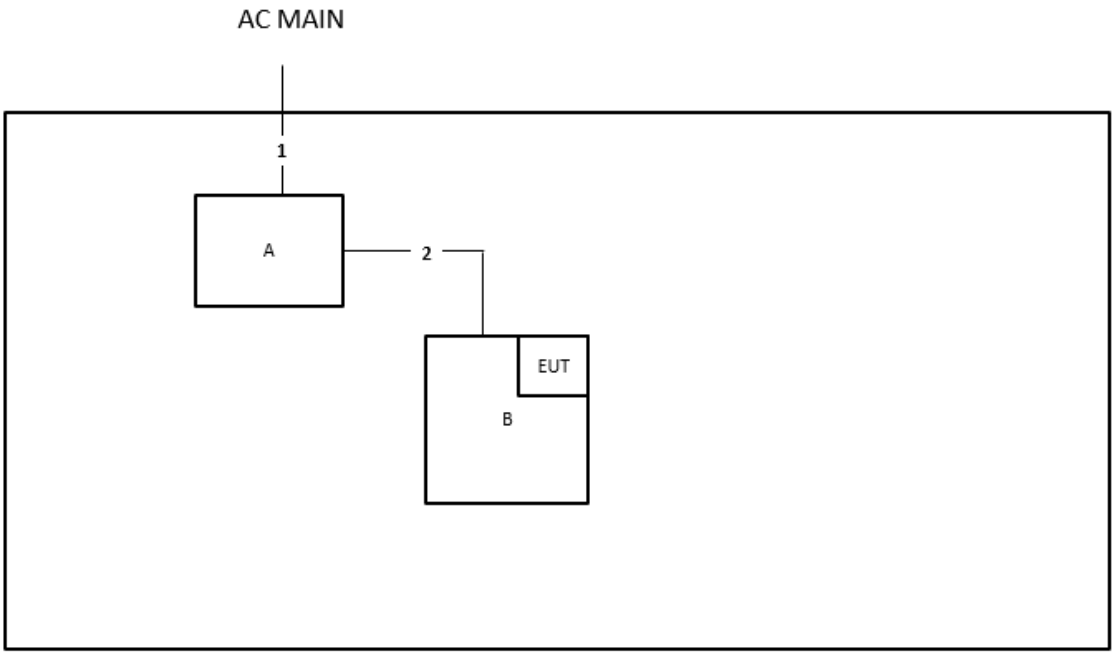
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.7m
2	USB cable	Yes	1.5m
3	Audio cable	No	1.5m
4	USB cable	Yes	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	USB to Type B cable	Yes	1m

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

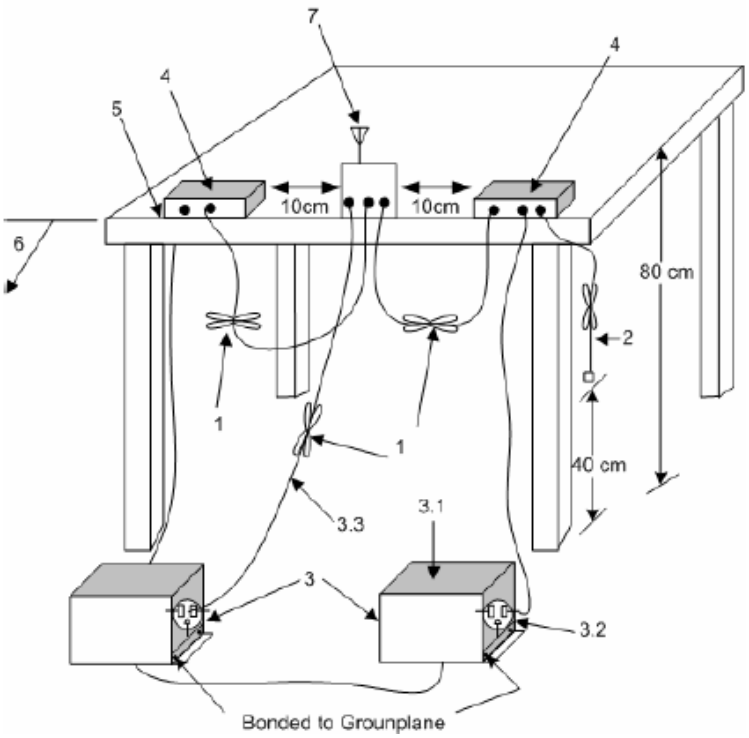
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. 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 ≥ 500 kHz.

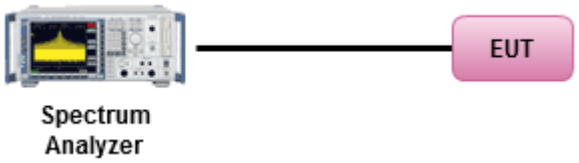
3.2.2 Measuring Instruments

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

Emission Bandwidth


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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (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

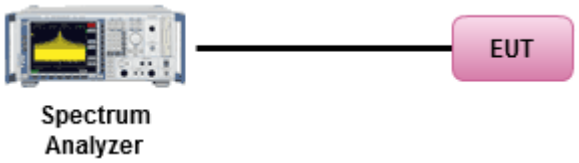
3.4.2 Measuring Instruments

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

Power Spectral Density


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

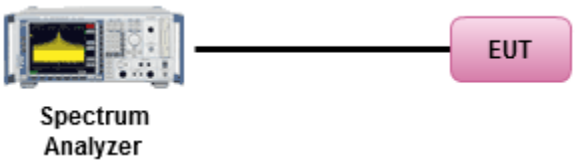
Refer a test equipment and calibration data table in this test report.

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

Emissions in Non-restricted Frequency Bands



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.

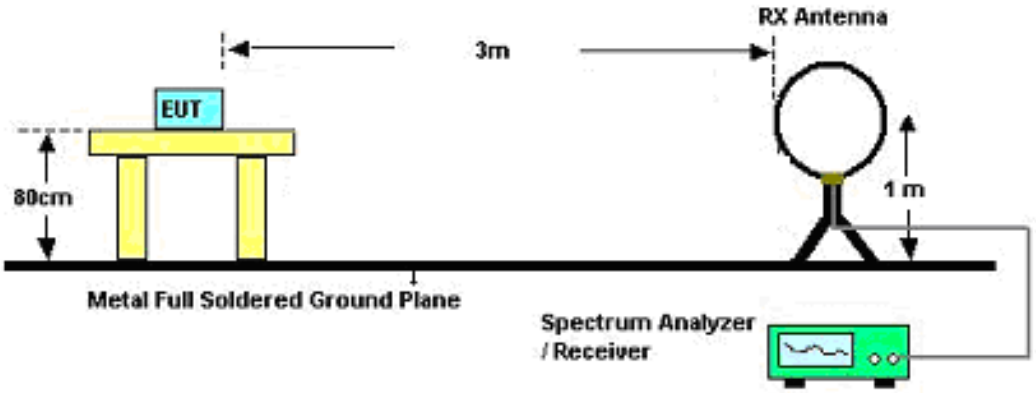
3.6.3 Test Procedures

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 ≥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≥1/T).
☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 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.

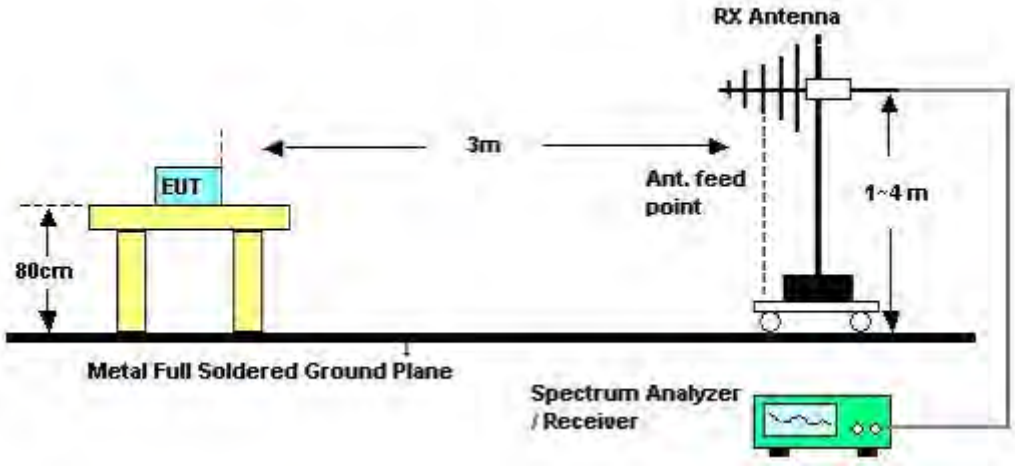
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

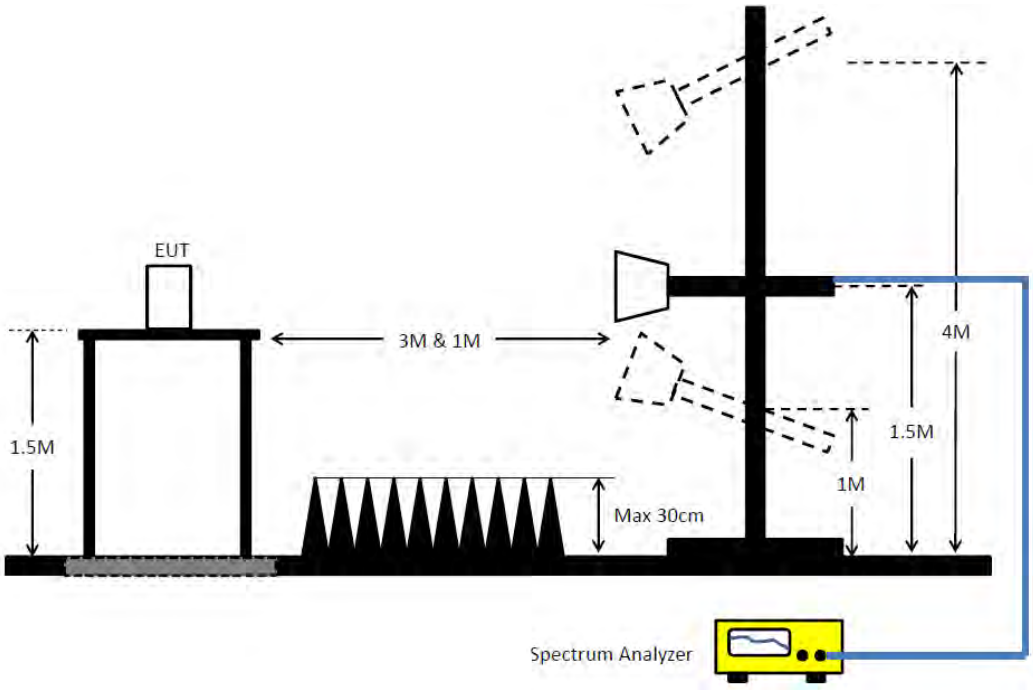
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	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)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Oct. 24, 2024	Oct. 23, 2025	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)

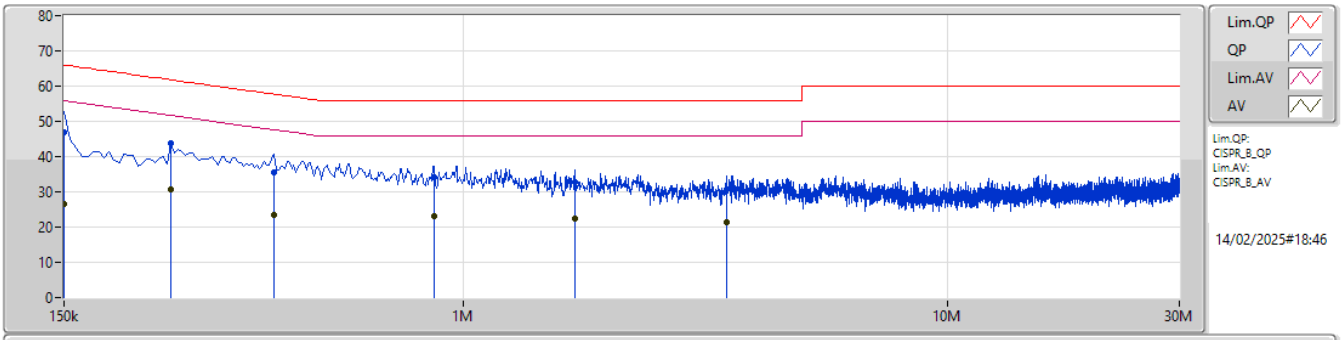
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 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	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 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)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

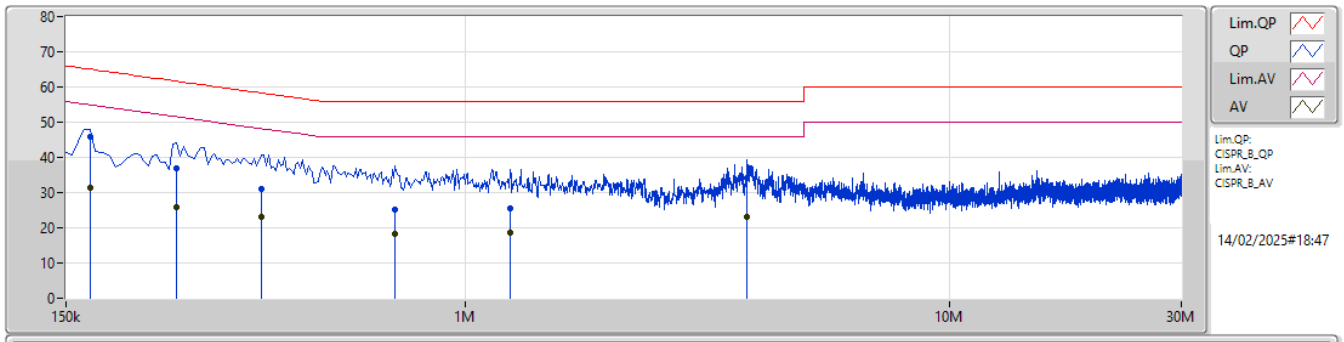
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	249k	43.83	61.79	-17.96	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	46.77	66.00	-19.23	10.03	Line	-	36.74	0.04	0.08	9.91
AV	150k	26.44	56.00	-29.56	10.03	Line	-	16.41	0.04	0.08	9.91
QP	249k	43.83	61.79	-17.96	10.10	Line	"Worst"	33.73	0.04	0.08	9.98
AV	249k	30.71	51.79	-21.08	10.10	Line	-	20.61	0.04	0.08	9.98
QP	406.5k	35.50	57.72	-22.22	10.21	Line	-	25.29	0.05	0.10	10.06
AV	406.5k	23.35	47.72	-24.37	10.21	Line	-	13.14	0.05	0.10	10.06
QP	870k	34.17	56.00	-21.83	10.30	Line	-	23.87	0.07	0.09	10.14
AV	870k	22.98	46.00	-23.02	10.30	Line	-	12.68	0.07	0.09	10.14
QP	1.698M	32.86	56.00	-23.14	10.22	Line	-	22.64	0.09	0.13	10.00
AV	1.698M	22.28	46.00	-23.72	10.22	Line	-	12.06	0.09	0.13	10.00
QP	3.485M	30.57	56.00	-25.43	10.18	Line	-	20.39	0.12	0.15	9.91
AV	3.485M	21.46	46.00	-24.54	10.18	Line	-	11.28	0.12	0.15	9.91

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	46.01	65.06	-19.05	10.07	Neutral	"Worst"	35.94	0.06	0.08	9.93
AV	168k	31.31	55.06	-23.75	10.07	Neutral	-	21.24	0.06	0.08	9.93
QP	253.5k	36.86	61.64	-24.78	10.13	Neutral	-	26.73	0.06	0.08	9.99
AV	253.5k	26.00	51.64	-25.64	10.13	Neutral	-	15.87	0.06	0.08	9.99
QP	379.5k	31.05	58.29	-27.24	10.21	Neutral	-	20.84	0.06	0.10	10.05
AV	379.5k	23.17	48.29	-25.12	10.21	Neutral	-	12.96	0.06	0.10	10.05
QP	717k	25.29	56.00	-30.71	10.28	Neutral	-	15.01	0.07	0.09	10.12
AV	717k	18.41	46.00	-27.59	10.28	Neutral	-	8.13	0.07	0.09	10.12
QP	1.239M	25.59	56.00	-30.41	10.30	Neutral	-	15.29	0.09	0.11	10.10
AV	1.239M	18.79	46.00	-27.21	10.30	Neutral	-	8.49	0.09	0.11	10.10
QP	3.809M	34.23	56.00	-21.77	10.18	Neutral	-	24.05	0.13	0.15	9.90
AV	3.809M	23.12	46.00	-22.88	10.18	Neutral	-	12.94	0.13	0.15	9.90

Summary

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9.95M	13.568M	13M6G1D	9.575M	13.343M
802.11g_Nss1,(6Mbps)_1TX	16.5M	16.602M	16M6D1D	16.425M	16.536M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.875M	18.841M	18M8D1D	16.025M	18.691M

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

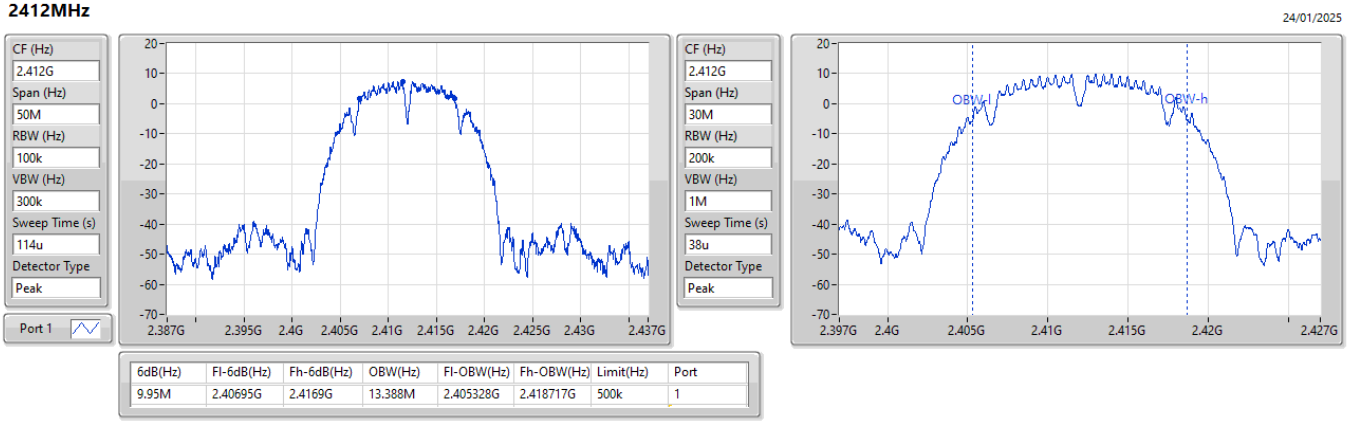
Result

Mode	Result	Limit	Port 1-N dB	Port 1-OBW
		(Hz)	(Hz)	(Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.95M	13.388M
2437MHz	Pass	500k	9.575M	13.568M
2462MHz	Pass	500k	9.925M	13.343M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.425M	16.536M
2437MHz	Pass	500k	16.425M	16.602M
2462MHz	Pass	500k	16.5M	16.536M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.875M	18.816M
2437MHz	Pass	500k	18.55M	18.841M
2462MHz	Pass	500k	16.025M	18.691M

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

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

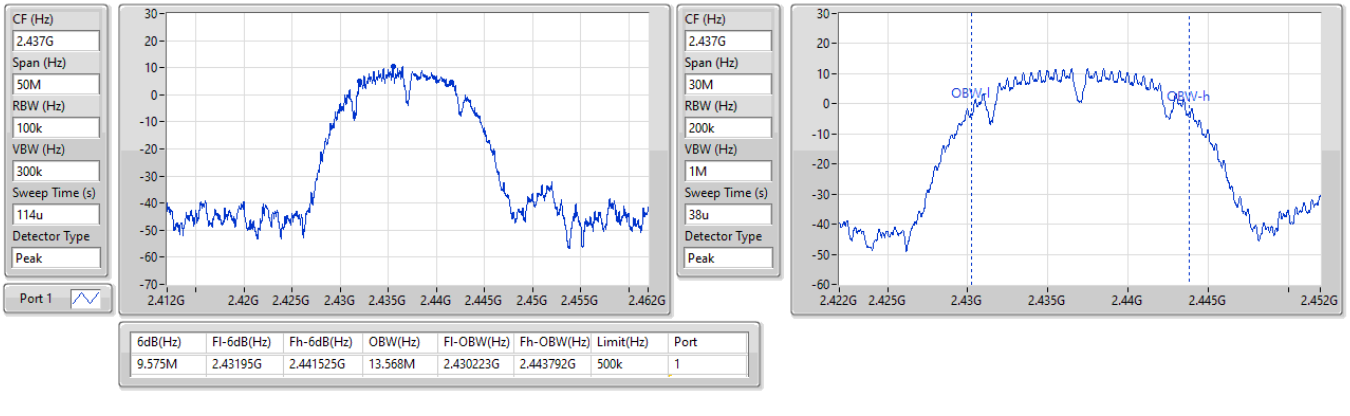
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.95M	2.40695G	2.4169G	13.388M	2.405328G	2.418717G	500k	1

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

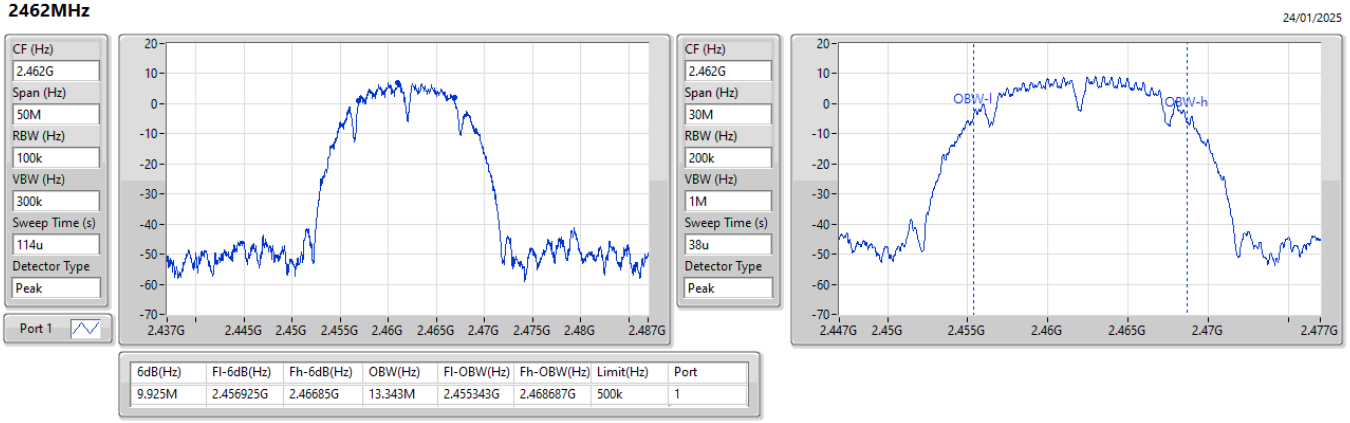
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.575M	2.43195G	2.441525G	13.568M	2.430223G	2.443792G	500k	1

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

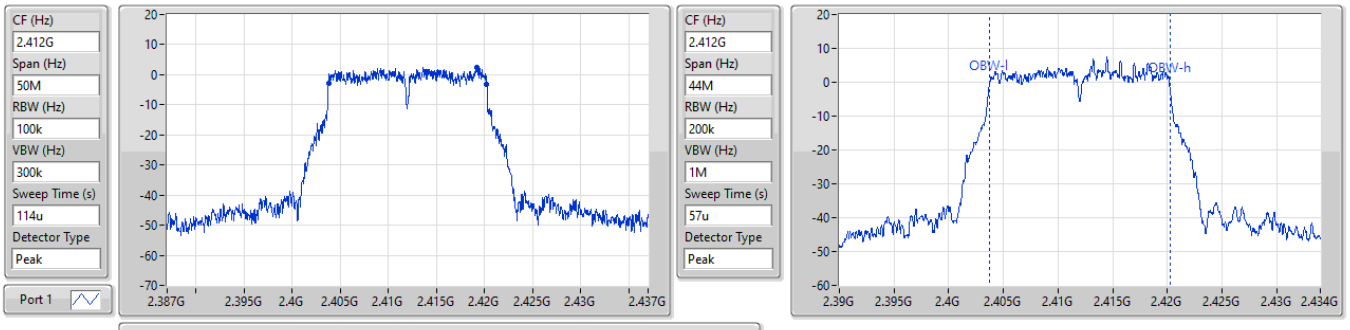
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.925M	2.456925G	2.46685G	13.343M	2.455343G	2.468687G	500k	1

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

2412MHz

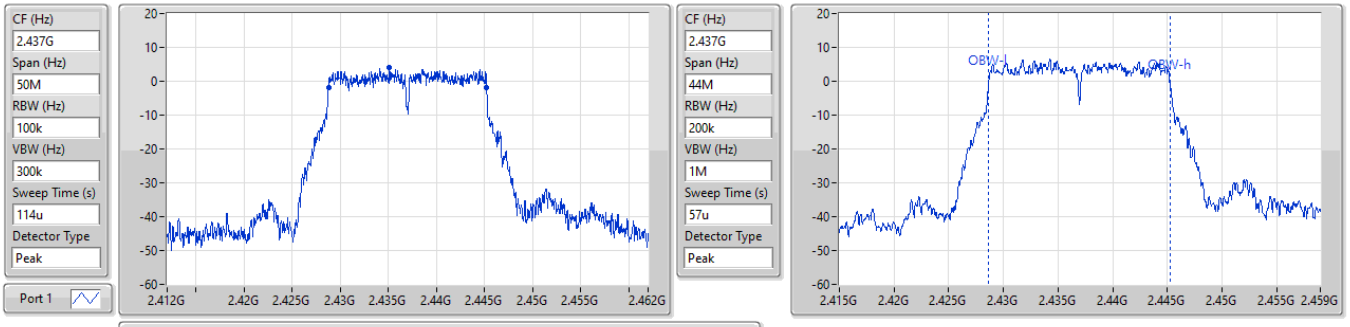


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	2.403775G	2.4202G	16.536M	2.403688G	2.420224G	500k	1

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

2437MHz

24/01/2025

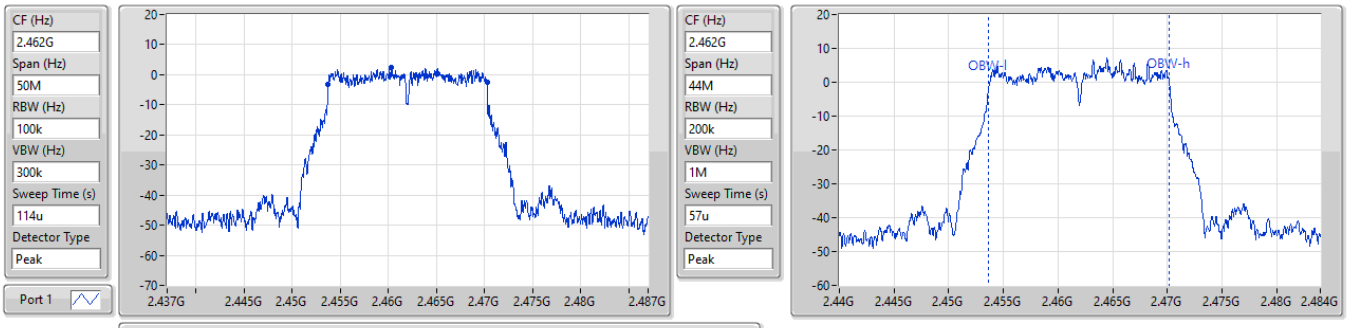


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	2.428775G	2.4452G	16.602M	2.428666G	2.445268G	500k	1

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

2462MHz

24/01/2025

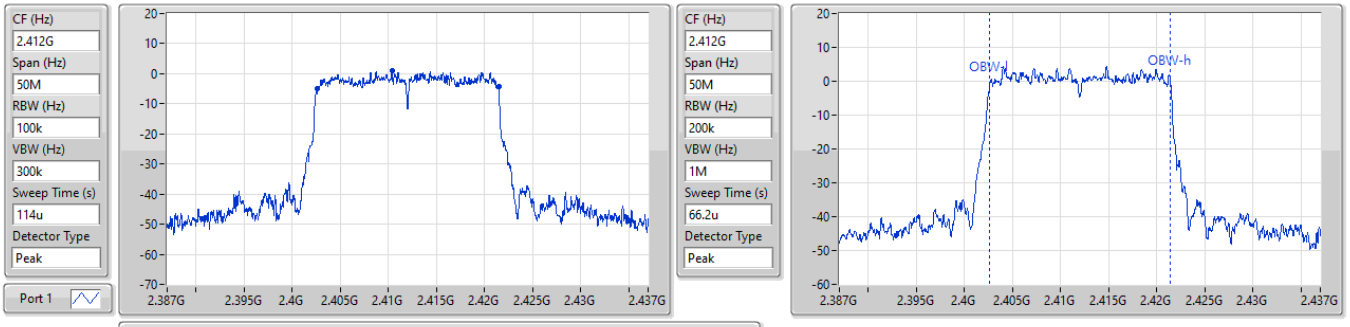


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.5M	2.45375G	2.47025G	16.536M	2.453666G	2.470202G	500k	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2412MHz

24/01/2025

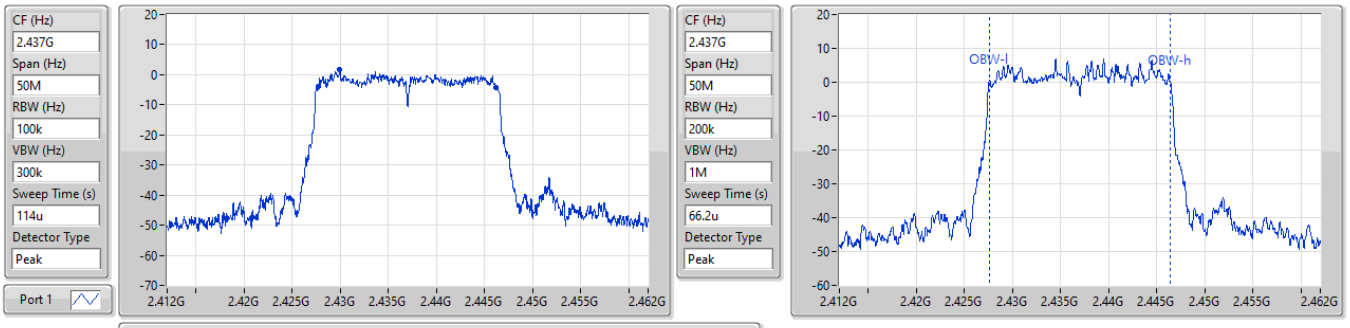


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.4026G	2.421475G	18.816M	2.402605G	2.42142G	500k	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2437MHz

24/01/2025

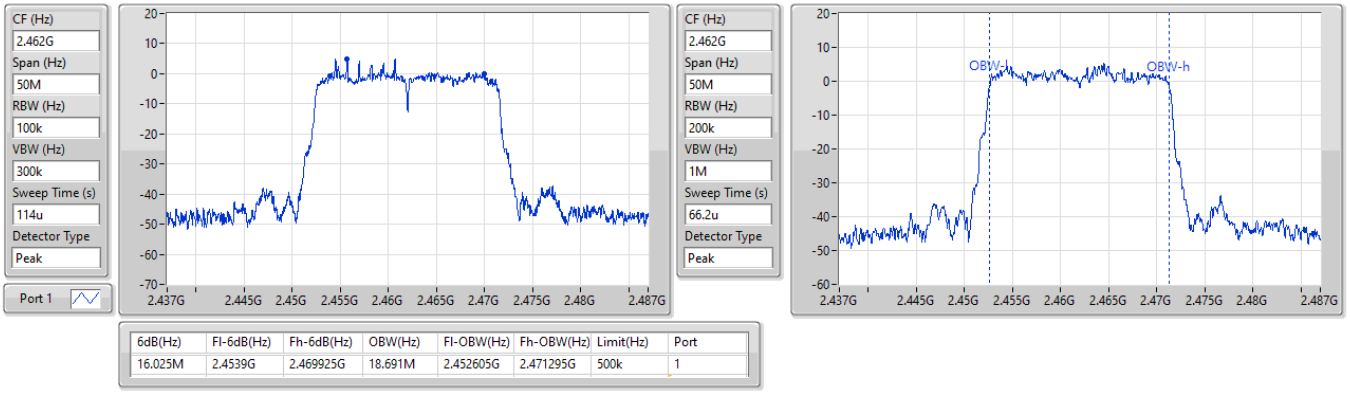


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.55M	2.427675G	2.446225G	18.841M	2.42758G	2.44642G	500k	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2462MHz

24/01/2025



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.4539G	2.469925G	18.691M	2.452605G	2.471295G	500k	1

Summary

Mode	Total Power	Total Power
	(dBm)	(W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.80	0.12023
802.11g_Nss1,(6Mbps)_1TX	17.98	0.06281
802.11ax HEW20_Nss1,(MCS0)_1TX	16.48	0.04446

Result

Mode	Result	DG	Port 1	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.90	19.13	19.13	30.00
2437MHz	Pass	4.90	20.80	20.80	30.00
2462MHz	Pass	4.90	18.65	18.65	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.90	16.61	16.61	30.00
2437MHz	Pass	4.90	17.98	17.98	30.00
2462MHz	Pass	4.90	16.40	16.40	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.90	15.74	15.74	30.00
2437MHz	Pass	4.90	16.16	16.16	30.00
2462MHz	Pass	4.90	16.48	16.48	30.00

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

Summary

Mode	PD
	(dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-4.68
802.11g_Nss1,(6Mbps)_1TX	-8.21
802.11ax HEW20_Nss1,(MCS0)_1TX	-10.72

RBW = 3kHz;

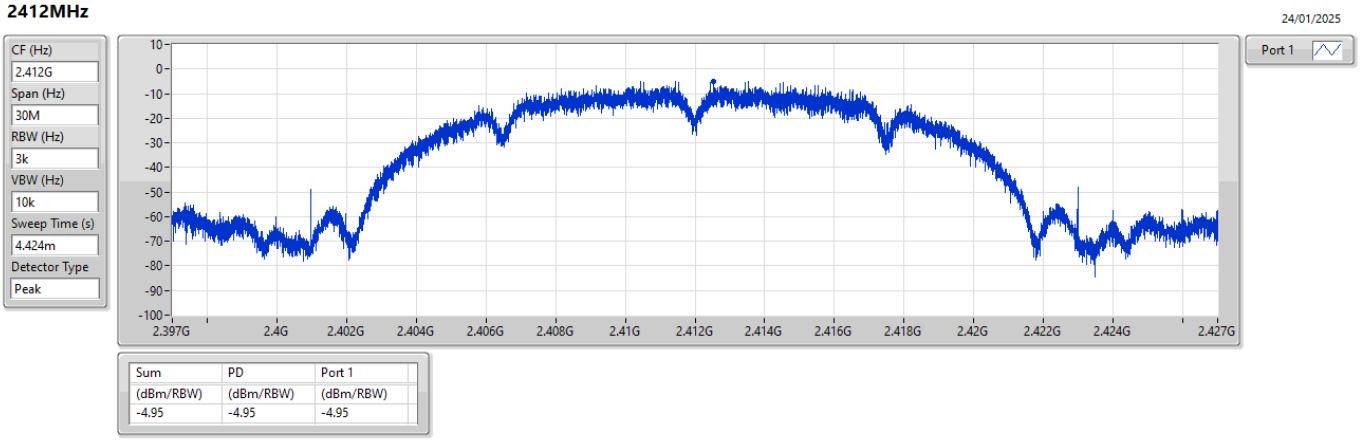
Result

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.90	-4.95	-4.95	8.00
2437MHz	Pass	4.90	-4.68	-4.68	8.00
2462MHz	Pass	4.90	-5.66	-5.66	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.90	-9.71	-9.71	8.00
2437MHz	Pass	4.90	-8.21	-8.21	8.00
2462MHz	Pass	4.90	-9.91	-9.91	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.90	-11.11	-11.11	8.00
2437MHz	Pass	4.90	-11.70	-11.70	8.00
2462MHz	Pass	4.90	-10.72	-10.72	8.00

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

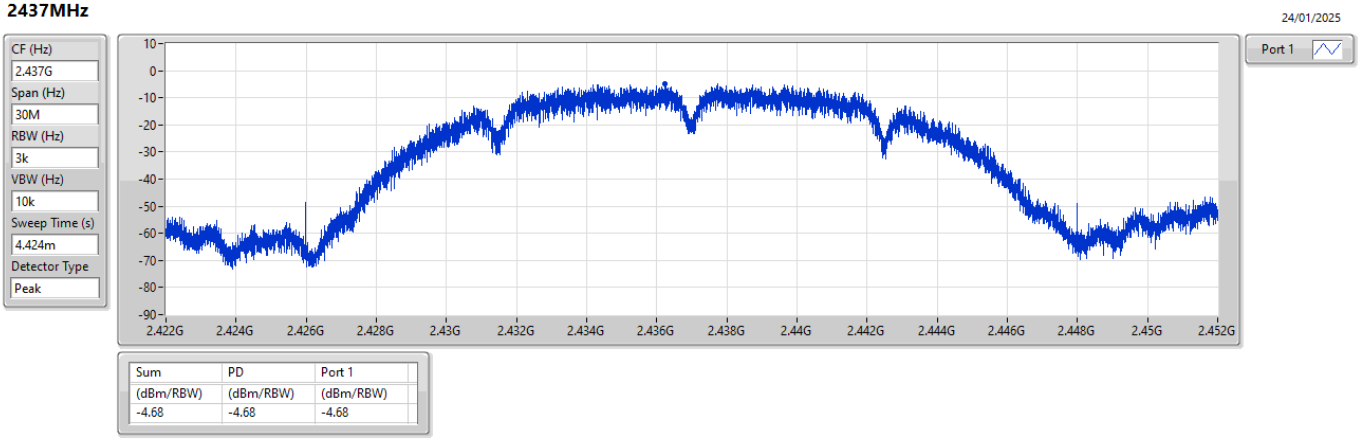
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2412MHz



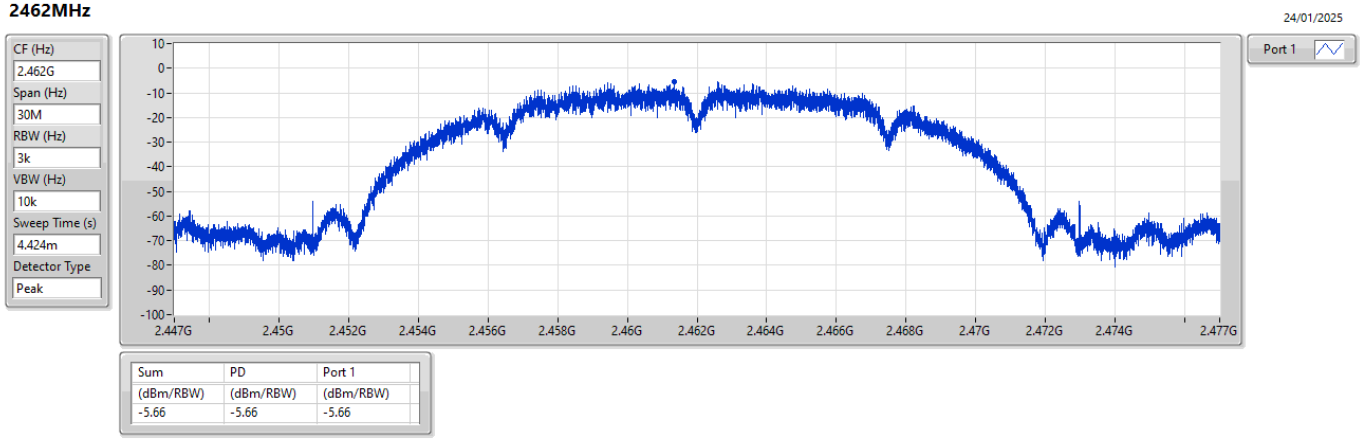
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2437MHz



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

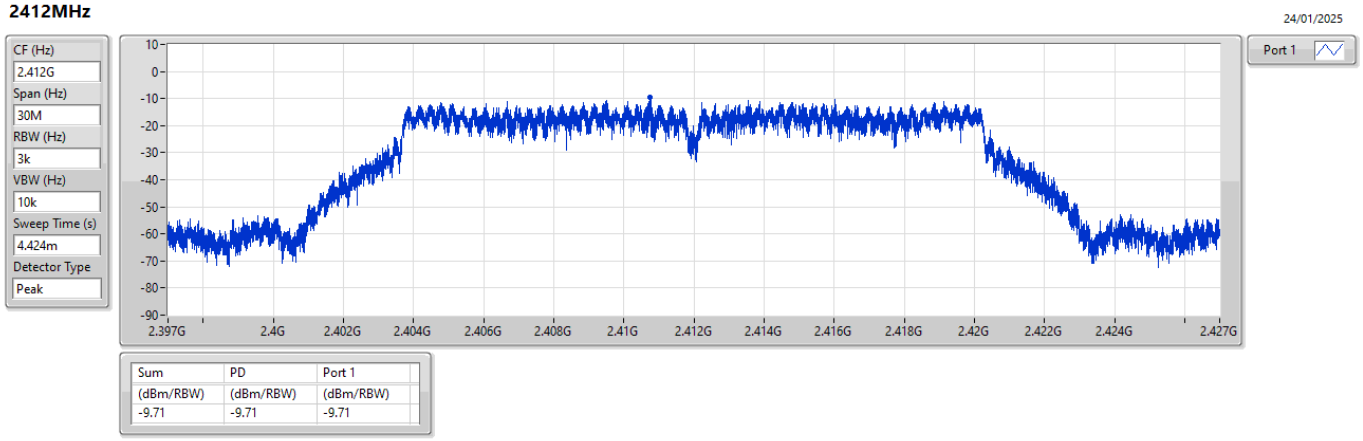
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.66	-5.66	-5.66

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

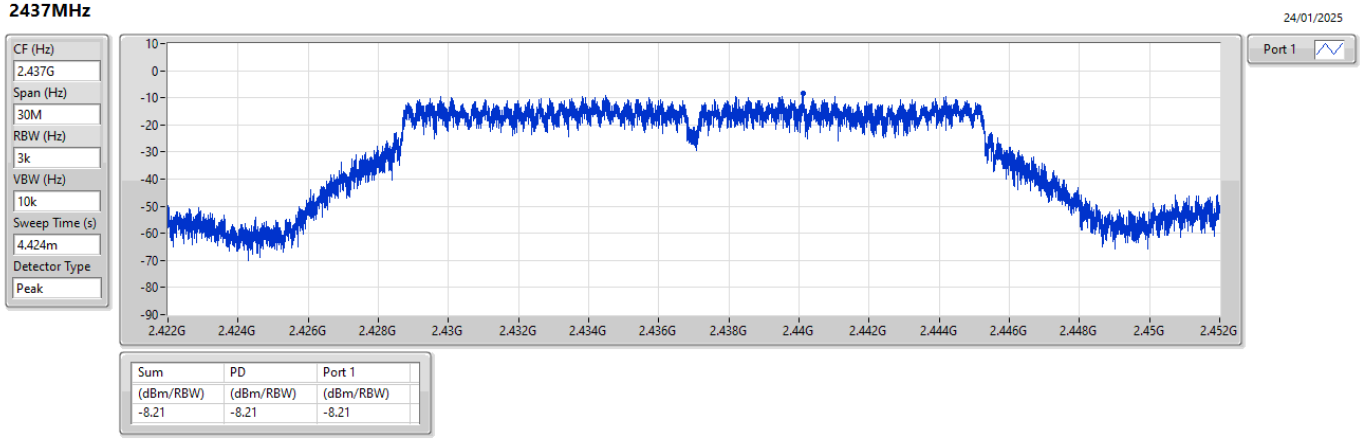
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.71	-9.71	-9.71

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

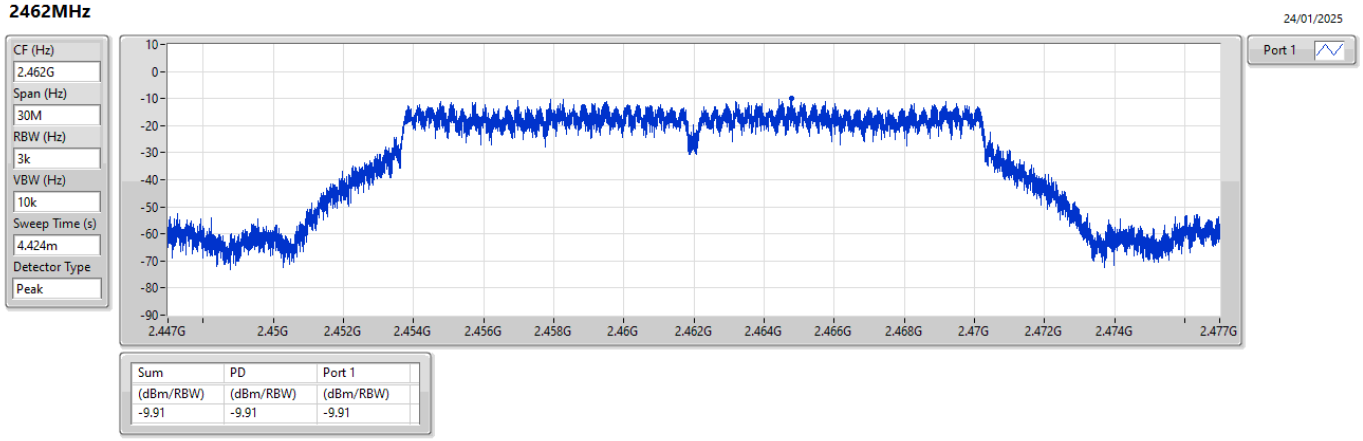
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.21	-8.21	-8.21

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

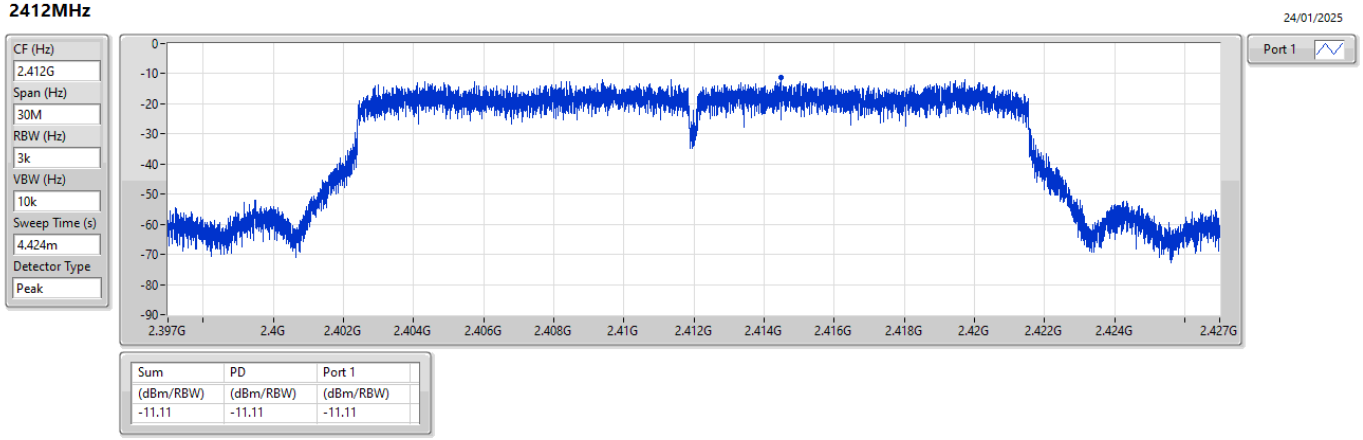
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.91	-9.91	-9.91

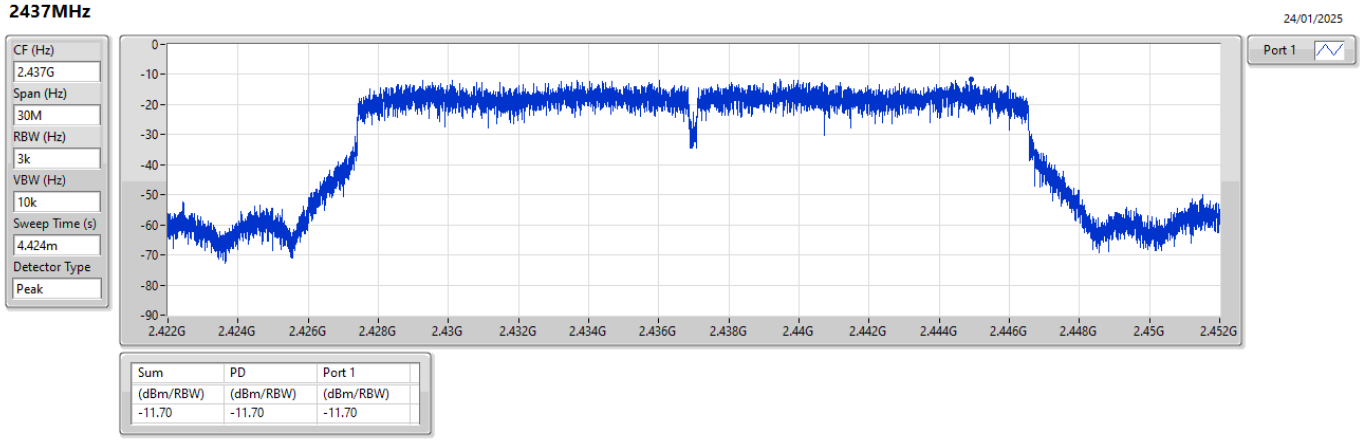
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

2412MHz



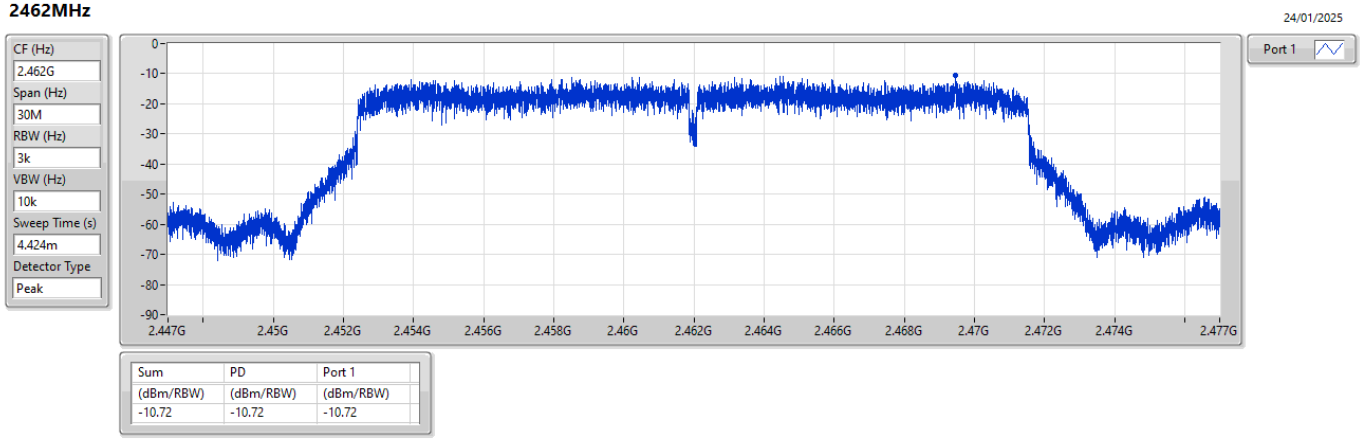
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2462MHz



Summary

Mode	PD
	(dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-10.74

RBW = 3kHz;

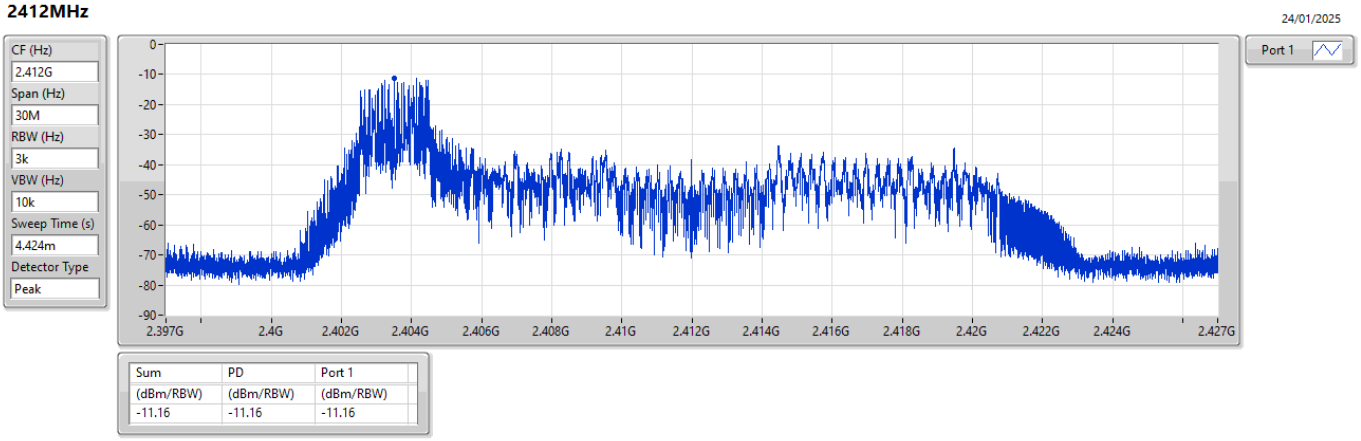
Result

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX	-	-	-	-	-
2412MHz	Pass	4.90	-11.16	-11.16	8.00
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX	-	-	-	-	-
2412MHz	Pass	4.90	-11.14	-11.14	8.00
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX	-	-	-	-	-
2412MHz	Pass	4.90	-11.43	-11.43	8.00
802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX	-	-	-	-	-
2462MHz	Pass	4.90	-10.85	-10.85	8.00
802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX	-	-	-	-	-
2462MHz	Pass	4.90	-10.88	-10.88	8.00
802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX	-	-	-	-	-
2462MHz	Pass	4.90	-10.74	-10.74	8.00

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

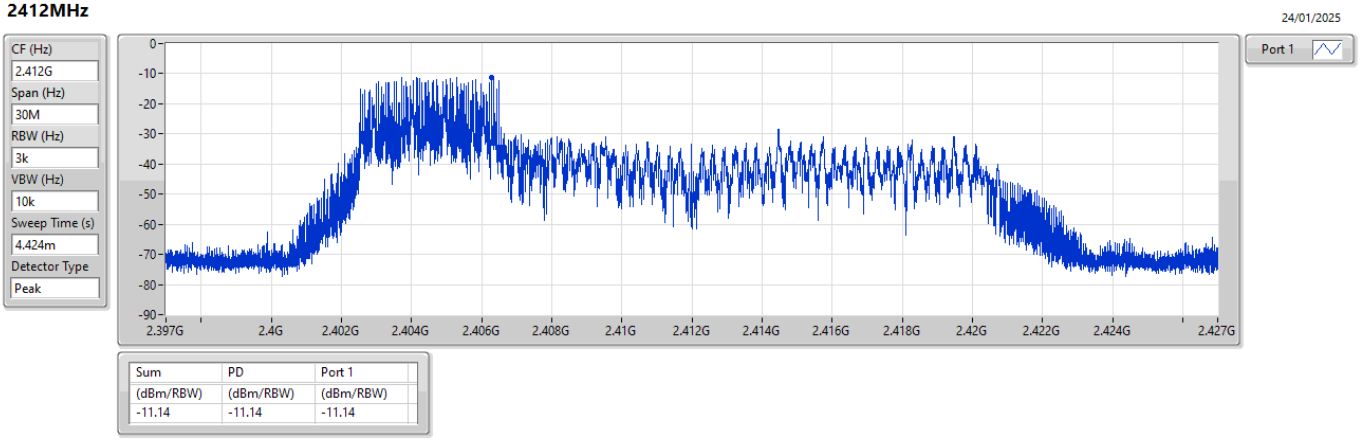
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX **PSD**

2412MHz



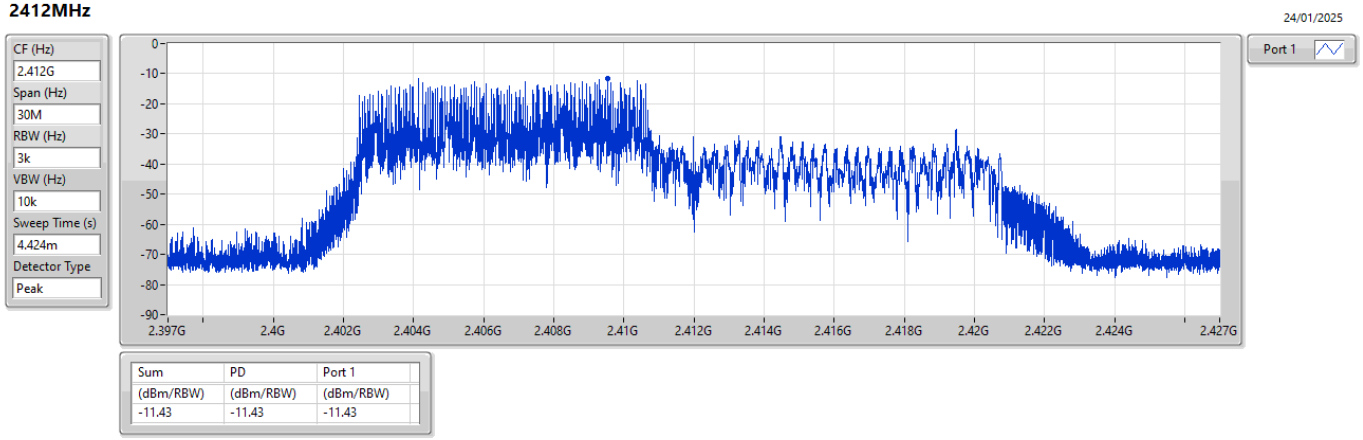
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX **PSD**

2412MHz



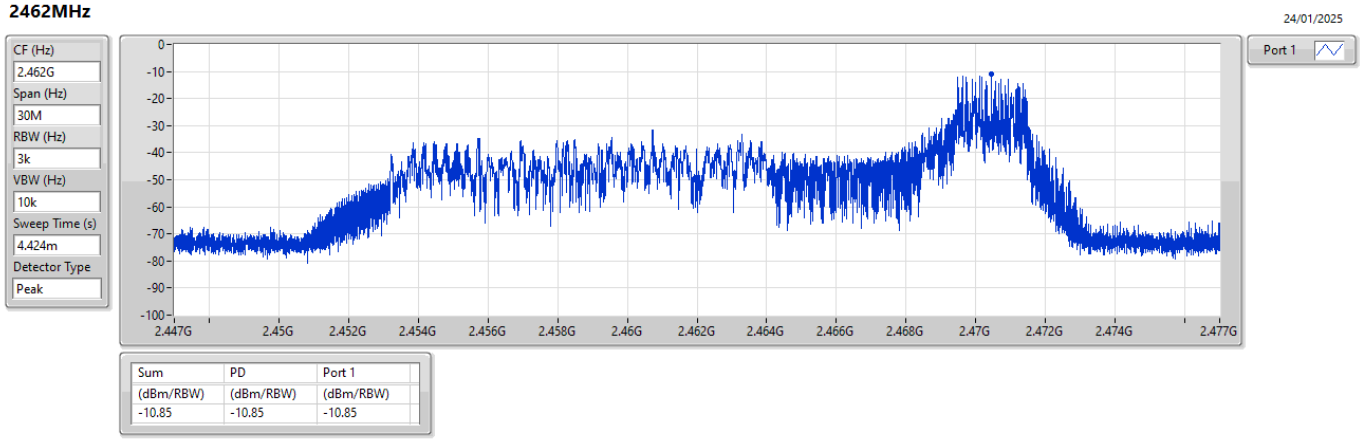
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX **PSD**

2412MHz



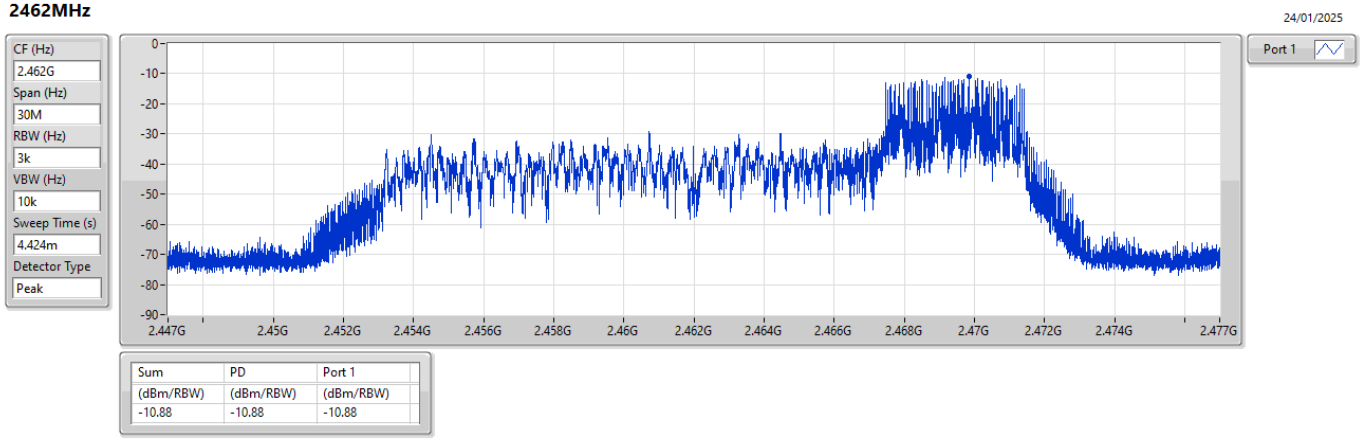
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX **PSD**

2462MHz



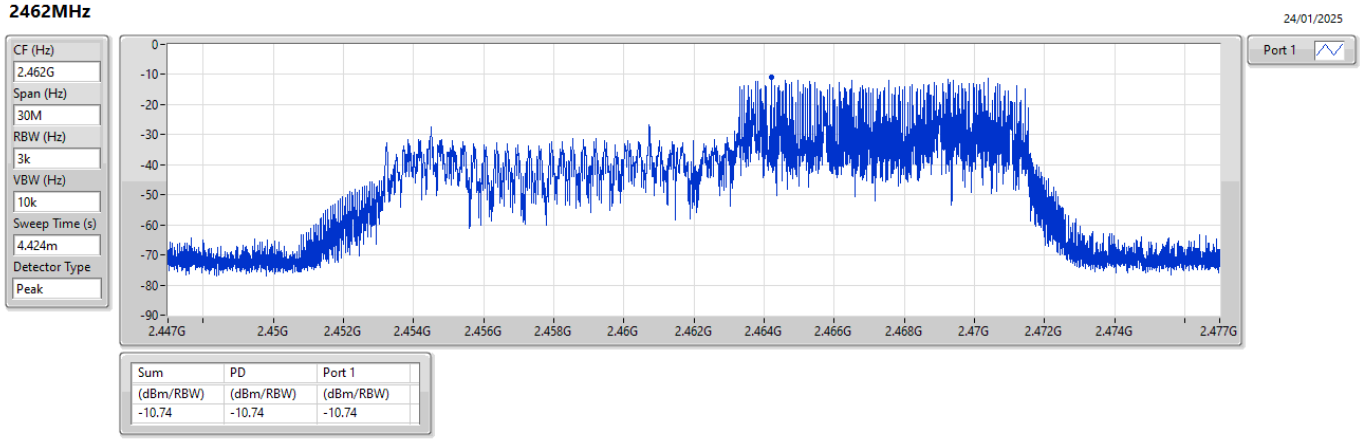
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX **PSD**

2462MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX **PSD**

2462MHz



Summary

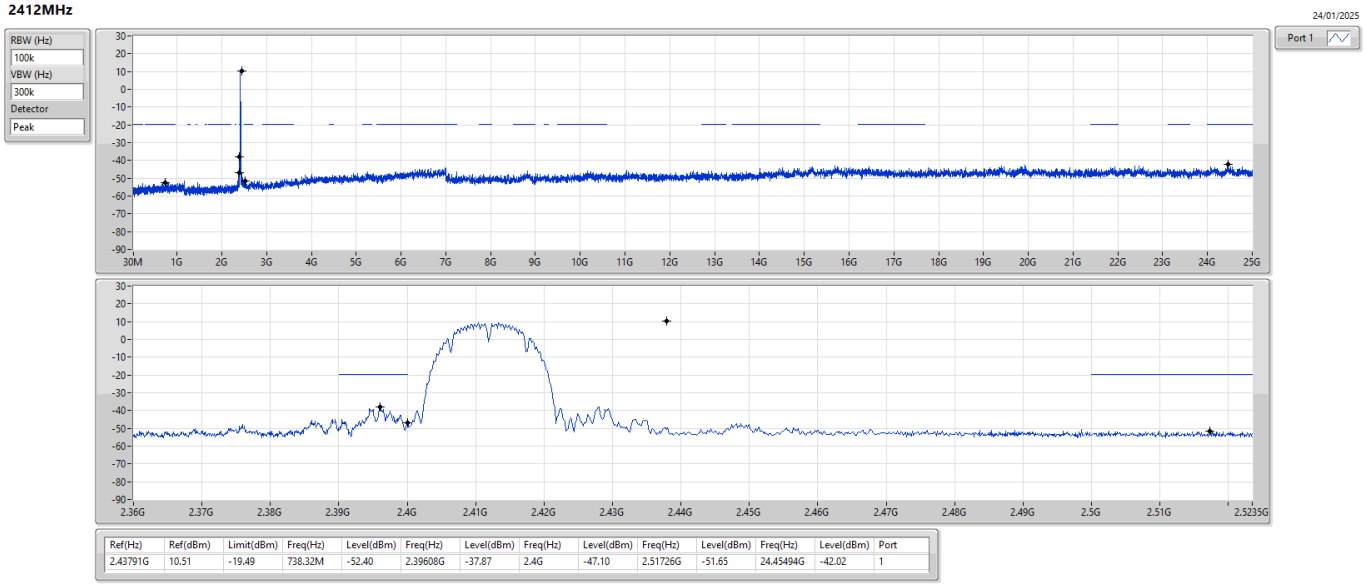
Mode	Result	Ref	Ref	Limit	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Port
		(Hz)	(dBm)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43791G	10.51	-19.49	738.32M	-52.40	2.39608G	-37.87	2.4G	-47.10	2.51726G	-51.65	24.45494G	-42.02	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43941G	7.69	-22.31	692.89M	-52.06	2.39976G	-37.25	2.4G	-37.67	2.50318G	-50.66	15.17777G	-41.96	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.46446G	6.10	-23.90	536.78M	-52.59	2.39944G	-35.56	2.4G	-37.16	2.50782G	-50.87	21.83081G	-42.90	1

Result

Mode	Result	Ref	Ref	Limit	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Port
		(Hz)	(dBm)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43791G	10.51	-19.49	738.32M	-52.40	2.39608G	-37.87	2.4G	-47.10	2.51726G	-51.65	24.45494G	-42.02	1
2437MHz	Pass	2.43791G	10.51	-19.49	2.12351G	-52.45	2.4G	-49.07	2.4G	-50.06	2.50142G	-51.08	15.18339G	-41.95	1
2462MHz	Pass	2.43791G	10.51	-19.49	687.06M	-51.98	2.39008G	-52.07	2.4G	-54.87	2.51526G	-50.30	15.19463G	-42.68	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	7.69	-22.31	692.89M	-52.06	2.39976G	-37.25	2.4G	-37.67	2.50318G	-50.66	15.17777G	-41.96	1
2437MHz	Pass	2.43941G	7.69	-22.31	1.87536G	-51.93	2.39984G	-48.16	2.4G	-50.66	2.50166G	-49.99	24.14589G	-42.57	1
2462MHz	Pass	2.43941G	7.69	-22.31	779.1M	-51.46	2.39936G	-51.91	2.4G	-53.67	2.5015G	-49.53	15.17777G	-43.16	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46446G	6.10	-23.90	536.78M	-52.59	2.39944G	-35.56	2.4G	-37.16	2.50782G	-50.87	21.83081G	-42.90	1
2437MHz	Pass	2.46446G	6.10	-23.90	2.13516G	-50.88	2.39704G	-49.59	2.4G	-51.58	2.50526G	-50.69	24.49147G	-42.66	1
2462MHz	Pass	2.46446G	6.10	-23.90	889.77M	-52.20	2.39144G	-50.15	2.4G	-53.30	2.50334G	-47.86	24.52518G	-43.28	1

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

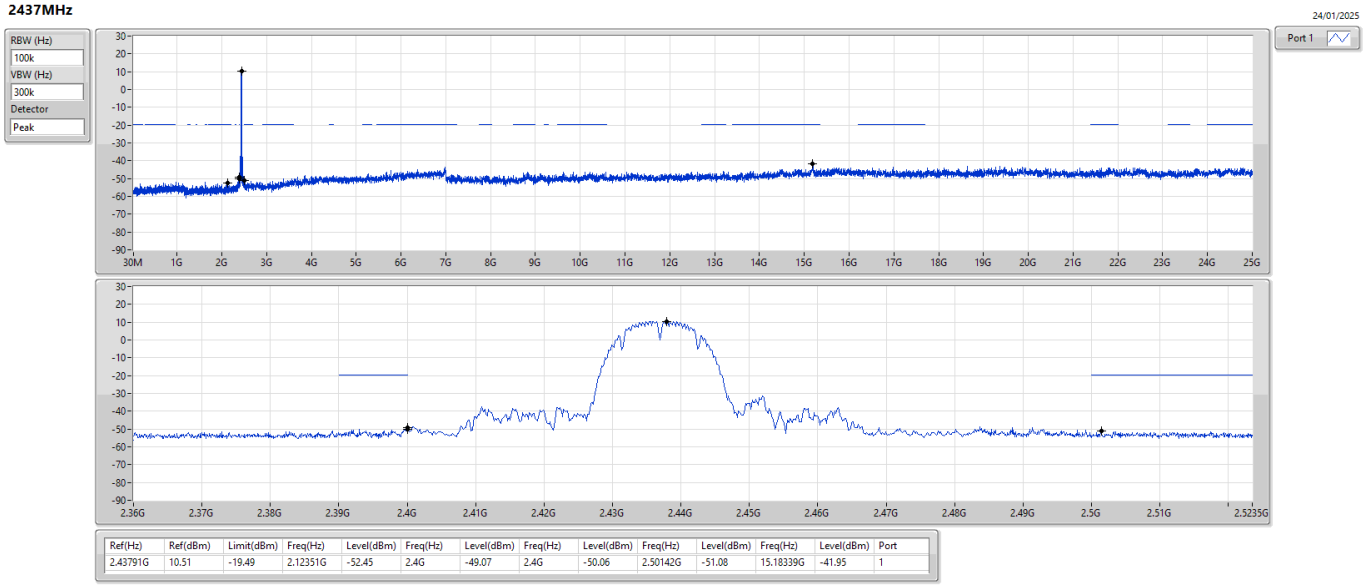
2412MHz



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
2.43791G	10.51	-19.49	738.32M	-52.40	2.39608G	-37.87	2.4G	-47.10	2.51726G	-51.65	24.45494G	-42.02	1

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

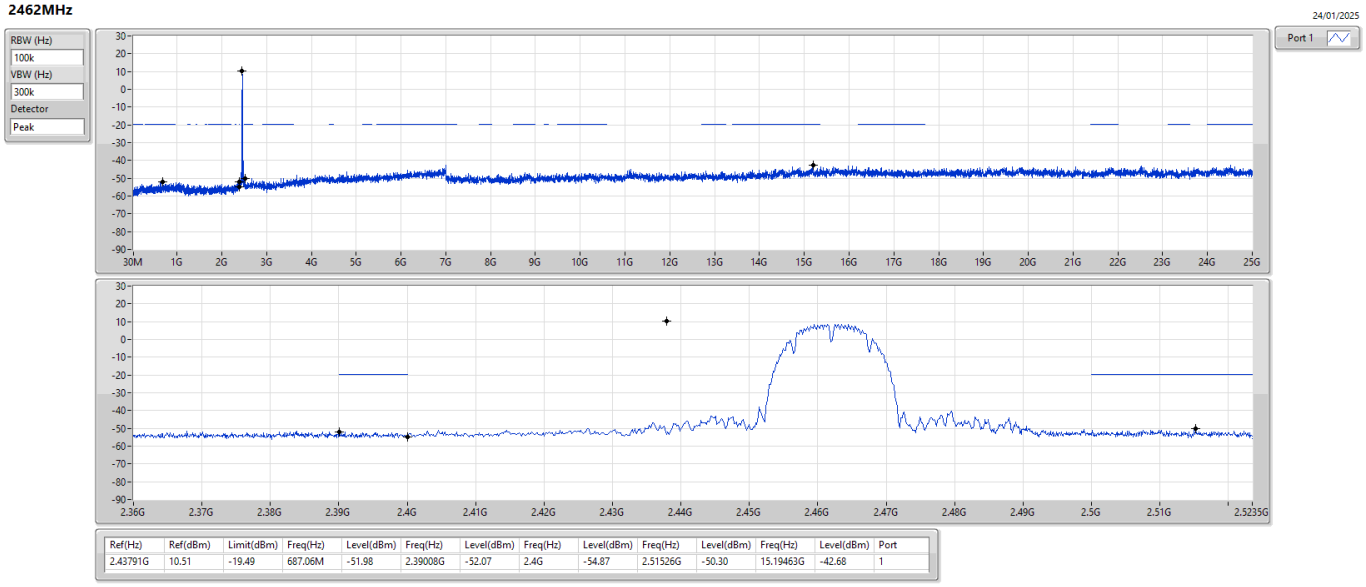
2437MHz



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
2.43791G	10.51	-19.49	2.12351G	-52.45	2.4G	-49.07	2.4G	-50.06	2.50142G	-51.08	15.18339G	-41.95	1

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

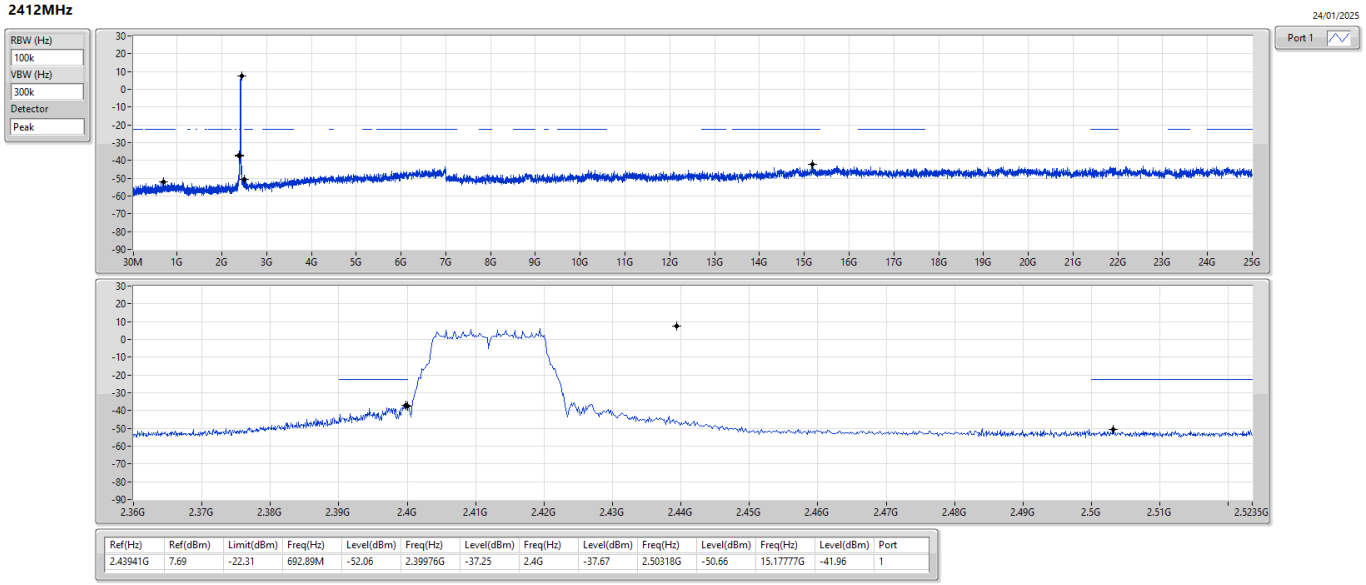
2462MHz



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
2.43791G	10.51	-19.49	687.06M	-51.98	2.39008G	-52.07	2.4G	-54.87	2.51526G	-50.30	15.19463G	-42.68	1

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

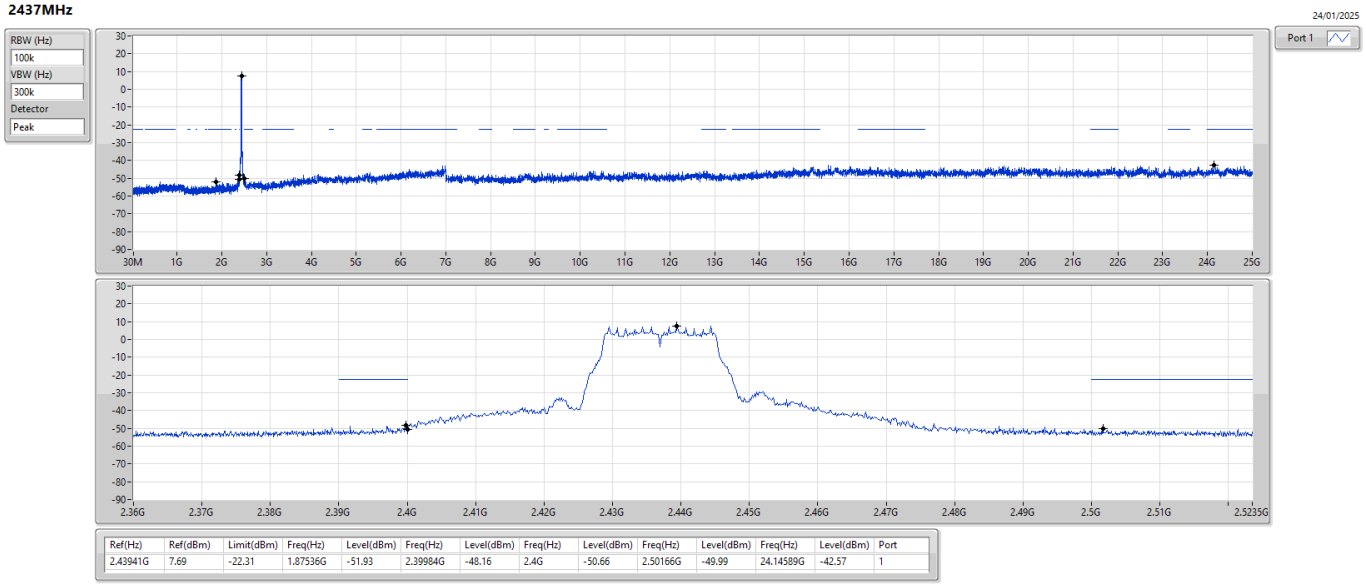
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	7.69	-22.31	692.89M	-52.06	2.39976G	-37.25	2.4G	-37.67	2.50318G	-50.66	15.17777G	-41.96	1

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

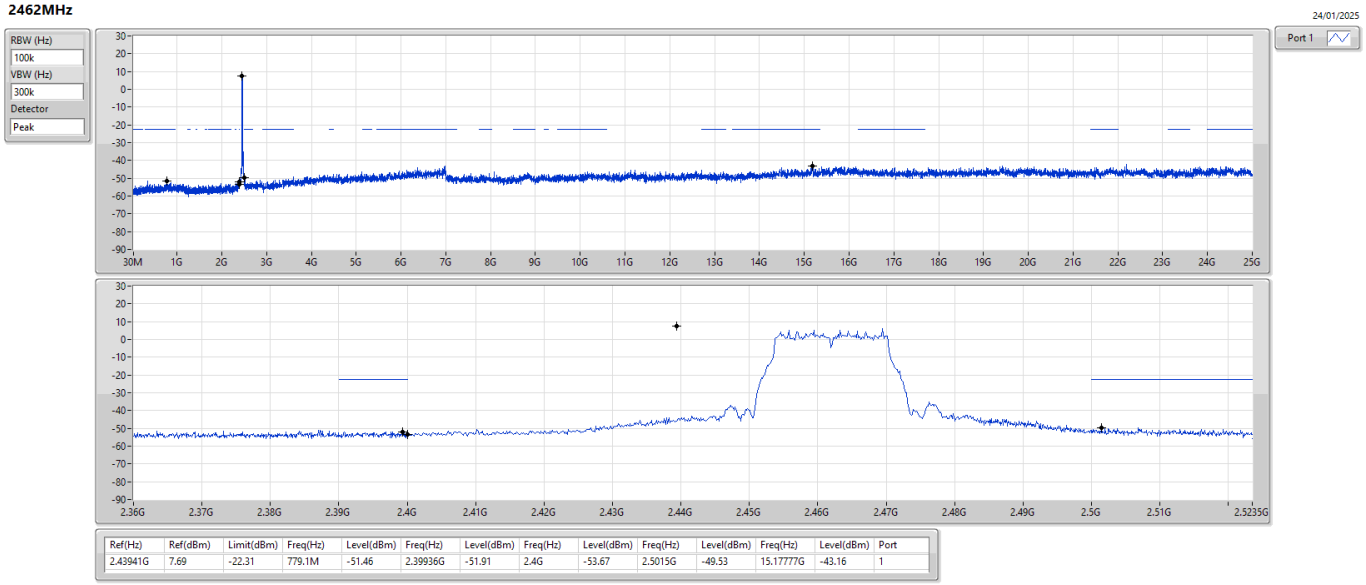
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	7.69	-22.31	1.87536G	-51.93	2.39984G	-48.16	2.4G	-50.66	2.50166G	-49.99	24.14589G	-42.57	1

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

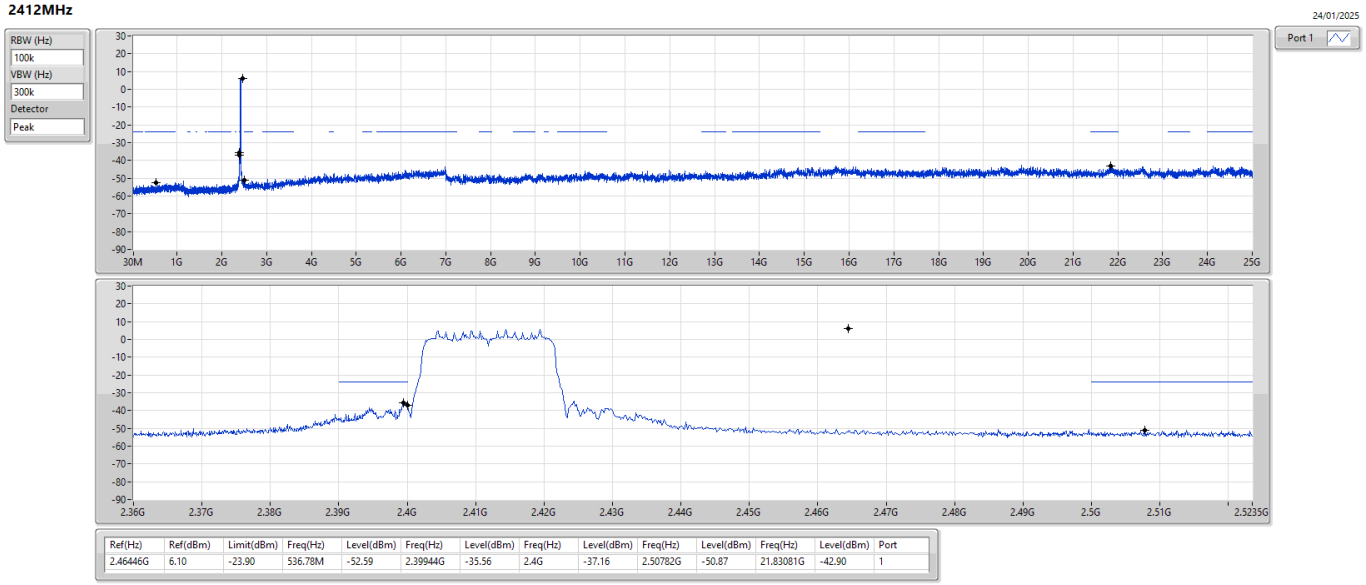
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	7.69	-22.31	779.1M	-51.46	2.39936G	-51.91	2.4G	-53.67	2.5015G	-49.53	15.17777G	-43.16	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX CSENdB

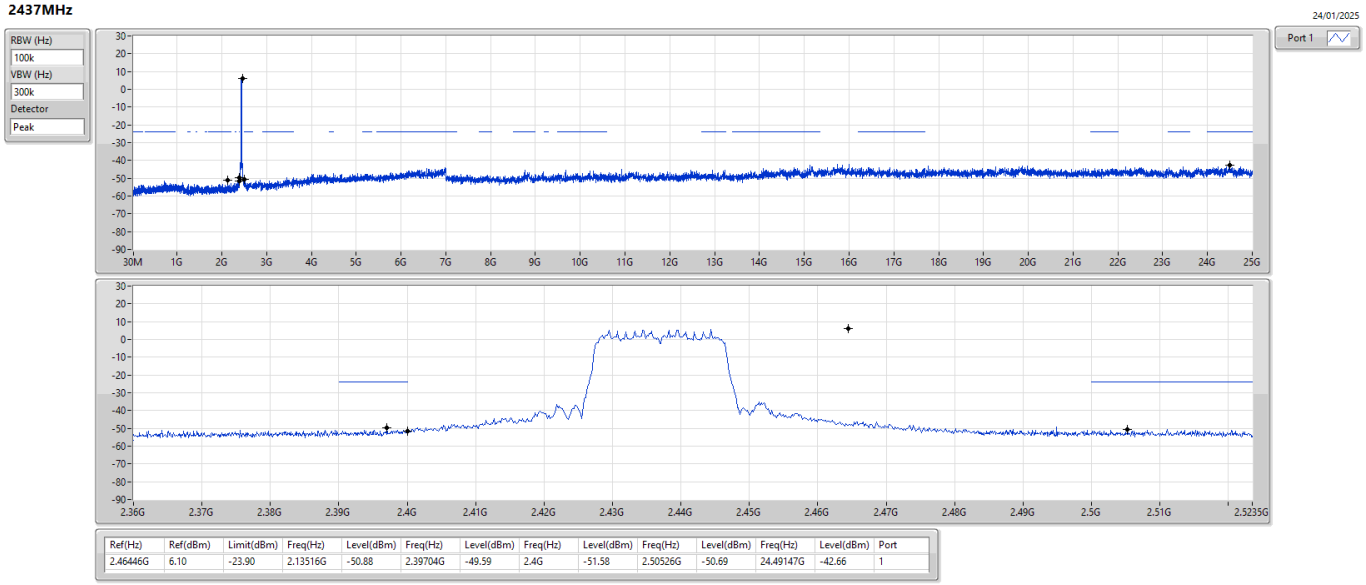
2412MHz



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
2.46446G	6.10	-23.90	536.78M	-52.59	2.39944G	-35.56	2.4G	-37.16	2.50782G	-50.87	21.83081G	-42.90	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX CSENdB

2437MHz

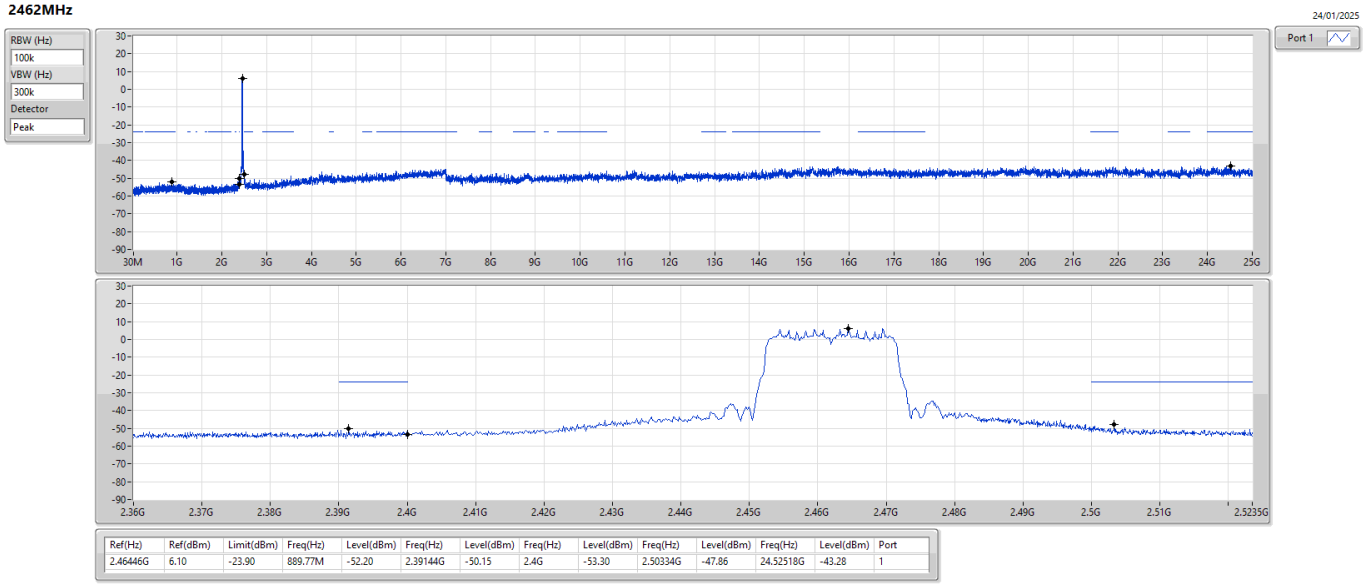


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46446G	6.10	-23.90	2.13516G	-50.88	2.39704G	-49.59	2.4G	-51.58	2.50526G	-50.69	24.49147G	-42.66	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSENdB

2462MHz

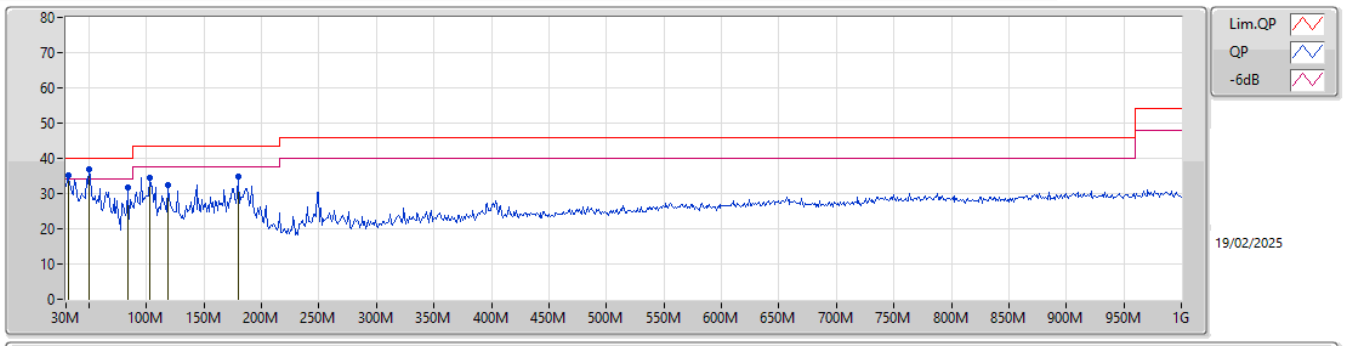


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46446G	6.10	-23.90	889.77M	-52.20	2.39144G	-50.15	2.4G	-53.30	2.50334G	-47.86	24.52518G	-43.28	1

Summary

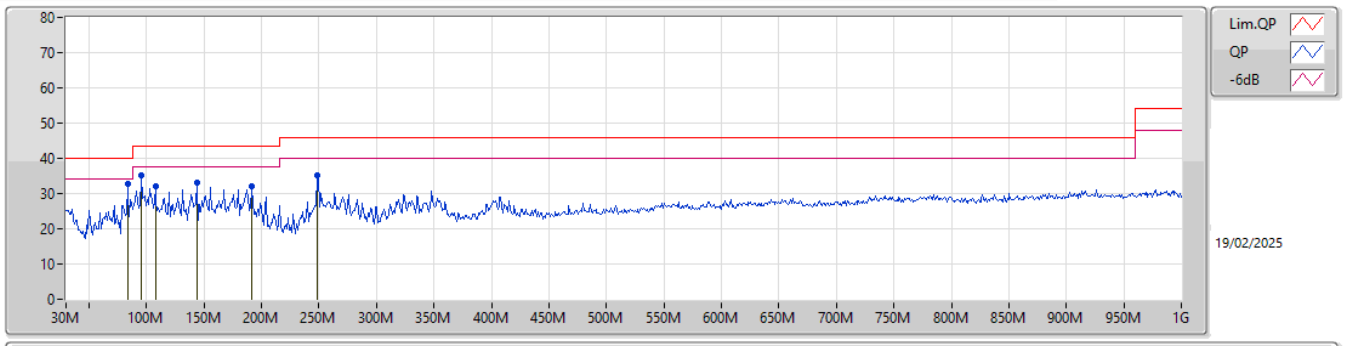
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	50.37M	36.99	40.00	-3.01	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	31.94M	35.03	40.00	-4.97	-8.49	3	Vertical	167	1.00	-	43.52	23.27	0.55	32.31
PK	50.37M	36.99	40.00	-3.01	-17.63	3	Vertical	252	1.00	"Worst"	54.62	13.97	0.65	32.25
PK	83.35M	31.75	40.00	-8.25	-18.06	3	Vertical	134	1.50	-	49.81	13.35	0.96	32.37
PK	102.75M	34.63	43.50	-8.87	-14.12	3	Vertical	305	1.25	-	48.75	16.97	1.02	32.11
PK	118.27M	32.34	43.50	-11.16	-13.32	3	Vertical	312	1.25	-	45.66	17.85	1.03	32.20
PK	179.38M	34.90	43.50	-8.60	-15.65	3	Vertical	359	1.00	-	50.55	15.10	1.33	32.08

Mode 1



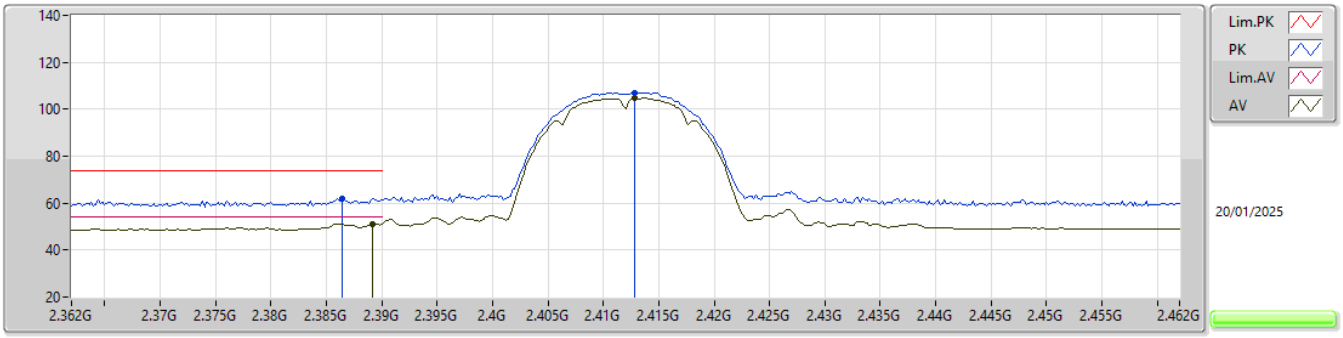
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	83.35M	32.85	40.00	-7.15	-18.06	3	Horizontal	207	2.00	"Worst"	50.91	13.35	0.96	32.37
PK	95.96M	35.24	43.50	-8.26	-15.26	3	Horizontal	213	2.00	-	50.50	15.88	1.01	32.15
PK	107.6M	32.07	43.50	-11.43	-13.80	3	Horizontal	232	3.00	-	45.87	17.32	1.02	32.14
PK	143.49M	33.21	43.50	-10.29	-14.26	3	Horizontal	54	2.00	-	47.47	16.85	1.19	32.30
PK	191.99M	32.20	43.50	-11.30	-15.87	3	Horizontal	212	2.00	-	48.07	14.88	1.37	32.12
PK	248.25M	35.30	46.00	-10.70	-12.50	3	Horizontal	258	1.25	-	47.80	18.09	1.55	32.14

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	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.3898G	52.73	54.00	-1.27	3	Horizontal	215	1.76	-

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

2412MHz_TX

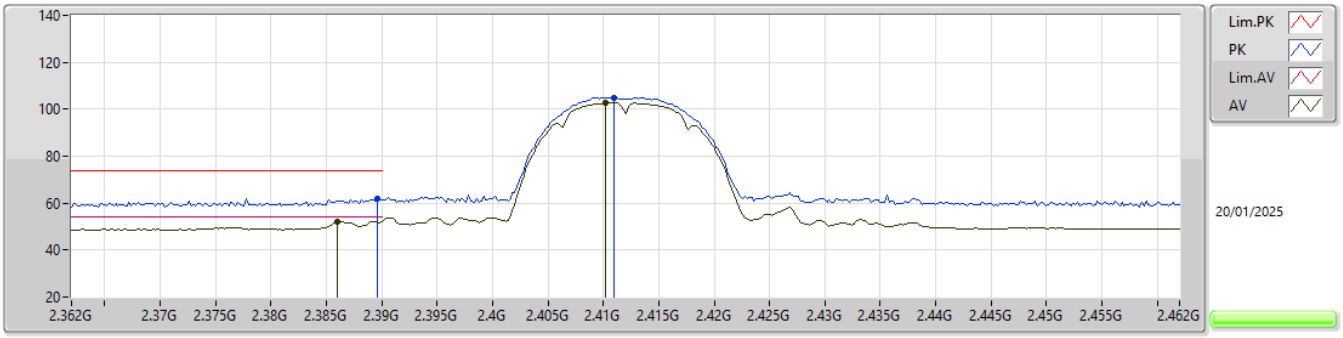


EUT Y_1TX
Setting 18.5
02-R-G-5

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	2.3864G	61.85	74.00	-12.15	29.33	3	Vertical	277	2.95	-	28.46	4.06	-
AV	2.3892G	51.21	54.00	-2.79	18.66	3	Vertical	277	2.95	-	28.49	4.06	-
PK	2.4128G	107.08	Inf	-Inf	74.60	3	Vertical	277	2.95	-	28.40	4.08	-
AV	2.4128G	104.59	Inf	-Inf	72.11	3	Vertical	277	2.95	-	28.40	4.08	-

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

2412MHz_TX

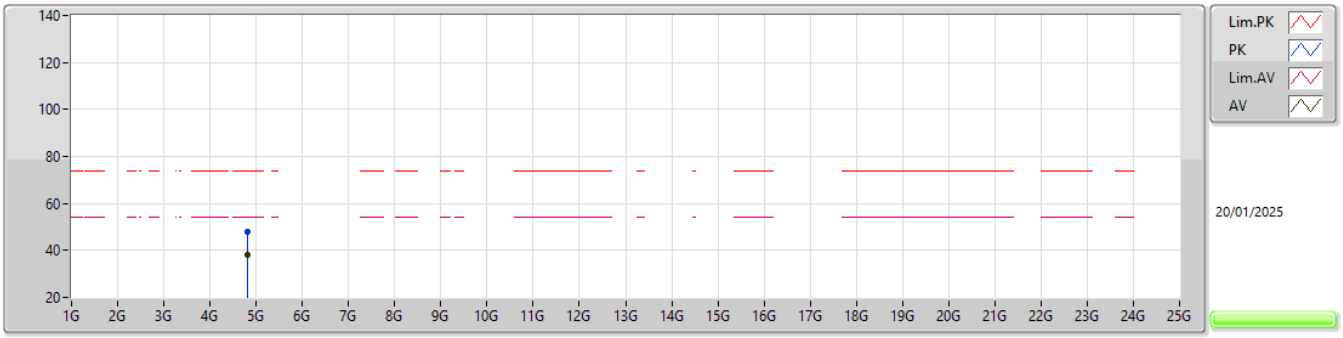


EUT Y_1TX
Setting 18.5
02-R-G-5

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	2.3896G	61.76	74.00	-12.24	29.20	3	Horizontal	213	2.42	-	28.50	4.06	-
AV	2.386G	52.07	54.00	-1.93	19.55	3	Horizontal	213	2.42	-	28.46	4.06	-
PK	2.411G	105.02	Inf	-Inf	72.54	3	Horizontal	213	2.42	-	28.40	4.08	-
AV	2.4102G	102.65	Inf	-Inf	70.17	3	Horizontal	213	2.42	-	28.40	4.08	-

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

2412MHz_TX

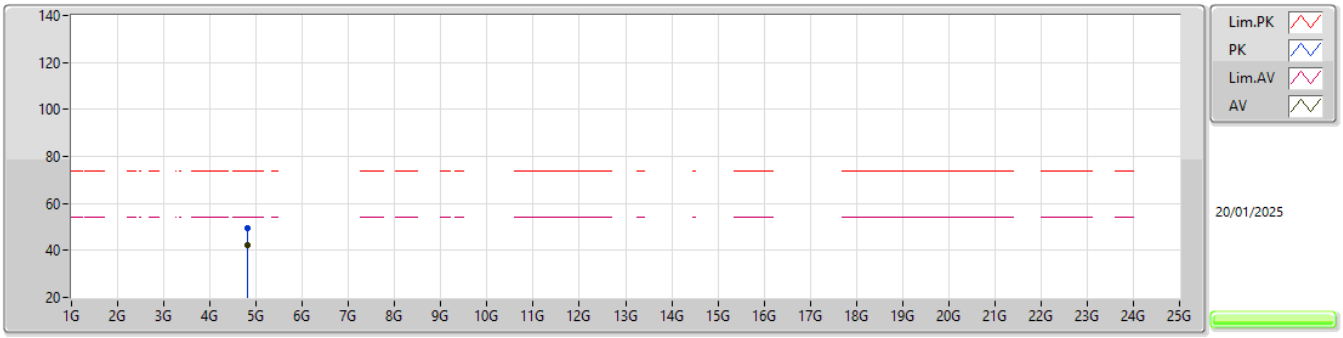


EUT Y_1TX
Setting 18.5
02-R-G-5

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	4.82432G	48.06	74.00	-25.94	39.13	3	Vertical	81	3.00	-	33.15	6.78	31.00
AV	4.824G	37.94	54.00	-16.06	29.01	3	Vertical	81	3.00	-	33.15	6.78	31.00

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

2412MHz_TX

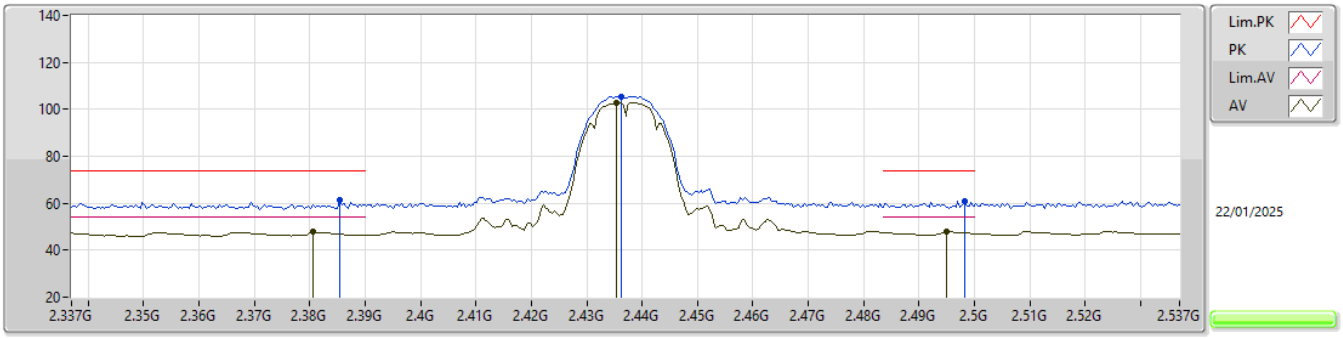


EUT Y_1TX
Setting 18.5
02-R-G-5

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	4.82392G	49.29	74.00	-24.71	40.36	3	Horizontal	333	2.34	-	33.15	6.78	31.00
AV	4.824G	42.35	54.00	-11.65	33.42	3	Horizontal	333	2.34	-	33.15	6.78	31.00

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

2437MHz_TX

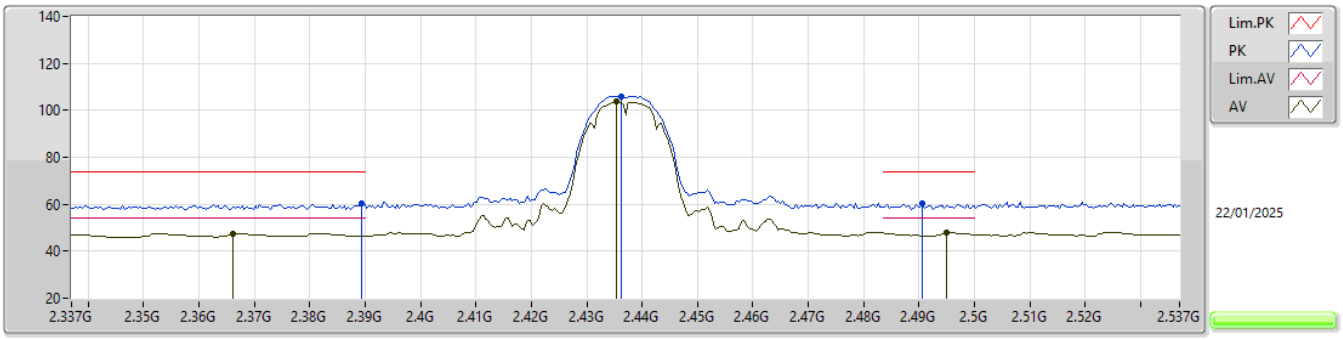


EUT Y_1TX
Setting 20
02-R-G-5

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	2.3854G	61.56	74.00	-12.44	29.05	3	Vertical	285	2.63	-	28.45	4.06	-
AV	2.3806G	47.68	54.00	-6.32	15.21	3	Vertical	285	2.63	-	28.41	4.06	-
PK	2.4362G	105.32	Inf	-Inf	72.72	3	Vertical	285	2.63	-	28.50	4.10	-
AV	2.4354G	102.78	Inf	-Inf	70.18	3	Vertical	285	2.63	-	28.50	4.10	-
PK	2.4982G	60.84	74.00	-13.16	28.10	3	Vertical	285	2.63	-	28.60	4.14	-
AV	2.495G	47.83	54.00	-6.17	15.09	3	Vertical	285	2.63	-	28.60	4.14	-

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

2437MHz_TX

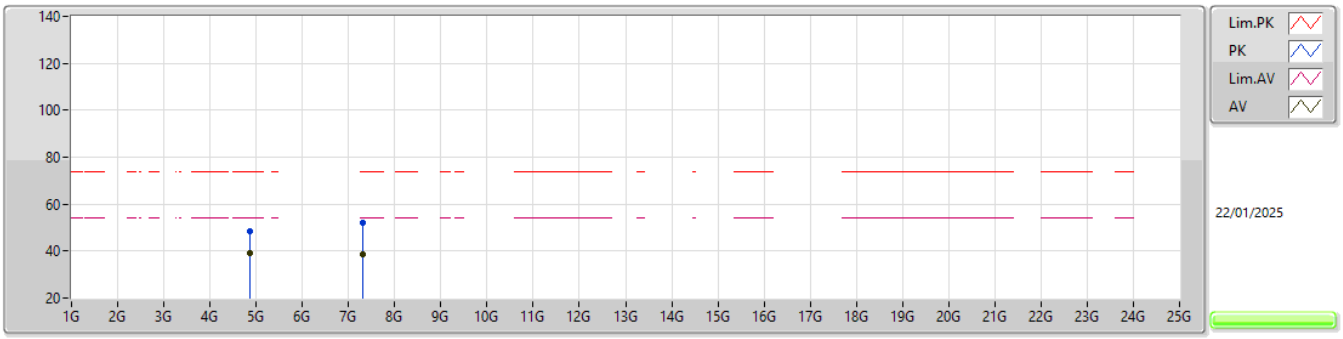


EUT Y_1TX
Setting 20
02-R-G-5

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	2.3894G	60.50	74.00	-13.50	27.95	3	Horizontal	208	2.17	-	28.49	4.06	-
AV	2.3662G	47.56	54.00	-6.44	15.11	3	Horizontal	208	2.17	-	28.40	4.05	-
PK	2.4362G	106.12	Inf	-Inf	73.52	3	Horizontal	208	2.17	-	28.50	4.10	-
AV	2.4354G	103.54	Inf	-Inf	70.94	3	Horizontal	208	2.17	-	28.50	4.10	-
PK	2.4906G	60.31	74.00	-13.69	27.57	3	Horizontal	208	2.17	-	28.60	4.14	-
AV	2.495G	48.06	54.00	-5.94	15.32	3	Horizontal	208	2.17	-	28.60	4.14	-

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

2437MHz_TX

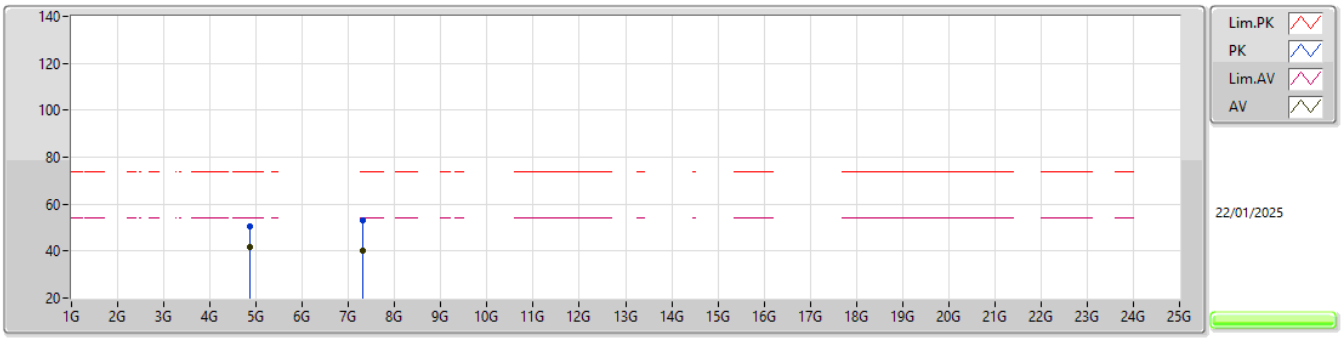


EUT Y_1TX
Setting 20
02-R-G-5

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	4.87428G	48.39	74.00	-25.61	39.33	3	Vertical	45	1.13	-	33.25	6.81	31.00
AV	4.874G	39.15	54.00	-14.85	30.09	3	Vertical	45	1.13	-	33.25	6.81	31.00
PK	7.30488G	52.15	74.00	-21.85	37.79	3	Vertical	58	1.64	-	36.42	9.37	31.43
AV	7.31188G	38.62	54.00	-15.38	24.23	3	Vertical	58	1.64	-	36.45	9.37	31.43

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

2437MHz_TX

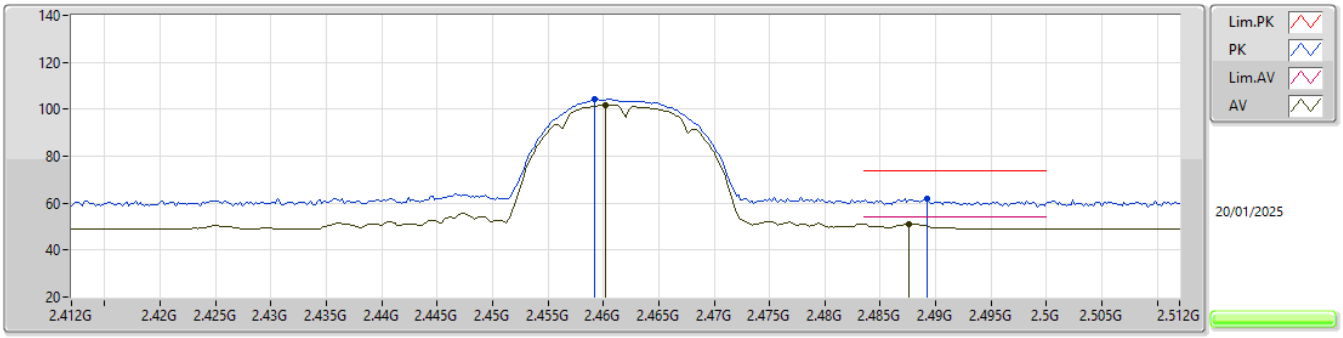


EUT Y_1TX
Setting 20
02-R-G-5

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	4.87384G	50.29	74.00	-23.71	41.23	3	Horizontal	334	1.80	-	33.25	6.81	31.00
AV	4.874G	41.50	54.00	-12.50	32.44	3	Horizontal	334	1.80	-	33.25	6.81	31.00
PK	7.3102G	53.23	74.00	-20.77	38.85	3	Horizontal	46	1.42	-	36.44	9.37	31.43
AV	7.312G	40.38	54.00	-13.62	25.99	3	Horizontal	46	1.42	-	36.45	9.37	31.43

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

2462MHz_TX

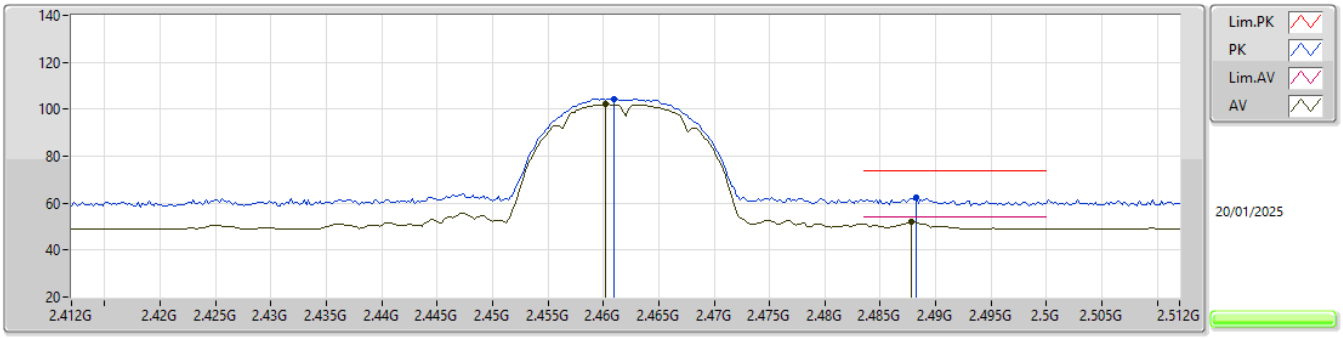


EUT Y_1TX
Setting 17.5
02-R-G-5

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	2.4592G	104.25	Inf	-Inf	71.73	3	Vertical	273	2.21	-	28.41	4.11	-
AV	2.4602G	101.79	Inf	-Inf	69.27	3	Vertical	273	2.21	-	28.40	4.12	-
PK	2.4892G	61.81	74.00	-12.19	29.07	3	Vertical	273	2.21	-	28.60	4.14	-
AV	2.4876G	51.25	54.00	-2.75	18.51	3	Vertical	273	2.21	-	28.60	4.14	-

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

2462MHz_TX

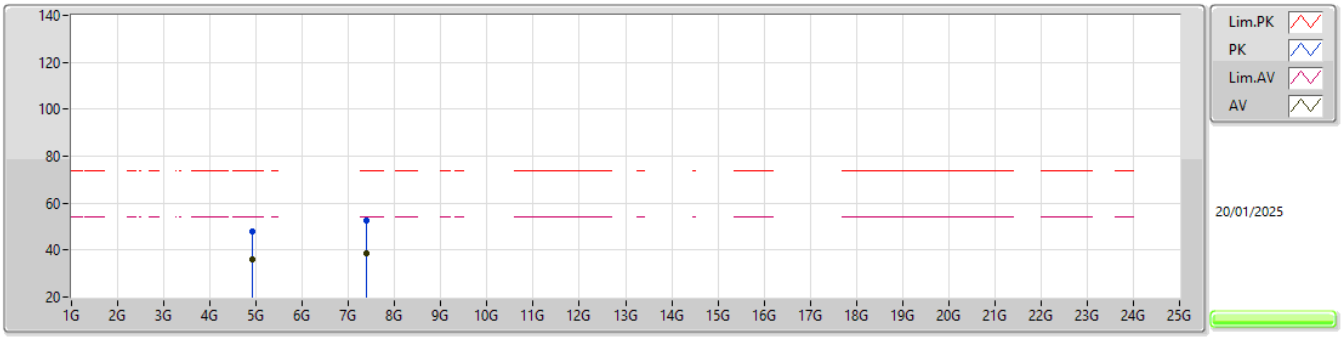


EUT Y_1TX
Setting 17.5
02-R-G-5

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	2.461G	104.40	Inf	-Inf	71.87	3	Horizontal	206	1.74	-	28.41	4.12	-
AV	2.4602G	102.06	Inf	-Inf	69.54	3	Horizontal	206	1.74	-	28.40	4.12	-
PK	2.4882G	62.50	74.00	-11.50	29.76	3	Horizontal	206	1.74	-	28.60	4.14	-
AV	2.4878G	51.94	54.00	-2.06	19.20	3	Horizontal	206	1.74	-	28.60	4.14	-

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

2462MHz_TX

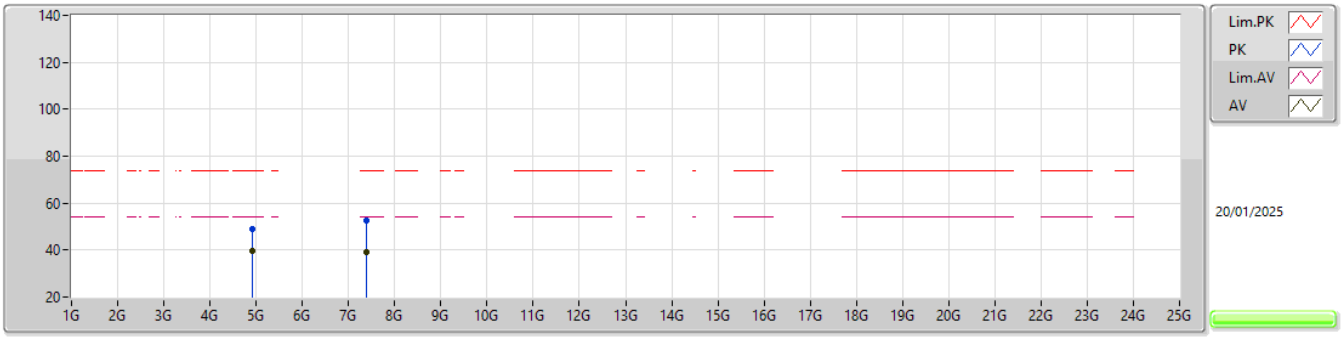


EUT Y_1TX
Setting 17.5
02-R-G-5

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	4.92396G	47.94	74.00	-26.06	38.76	3	Vertical	274	2.30	-	33.35	6.84	31.01
AV	4.924G	36.12	54.00	-17.88	26.94	3	Vertical	274	2.30	-	33.35	6.84	31.01
PK	7.38192G	52.46	74.00	-21.54	37.92	3	Vertical	282	1.80	-	36.60	9.37	31.43
AV	7.38838G	38.71	54.00	-15.29	24.17	3	Vertical	282	1.80	-	36.60	9.37	31.43

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

2462MHz_TX

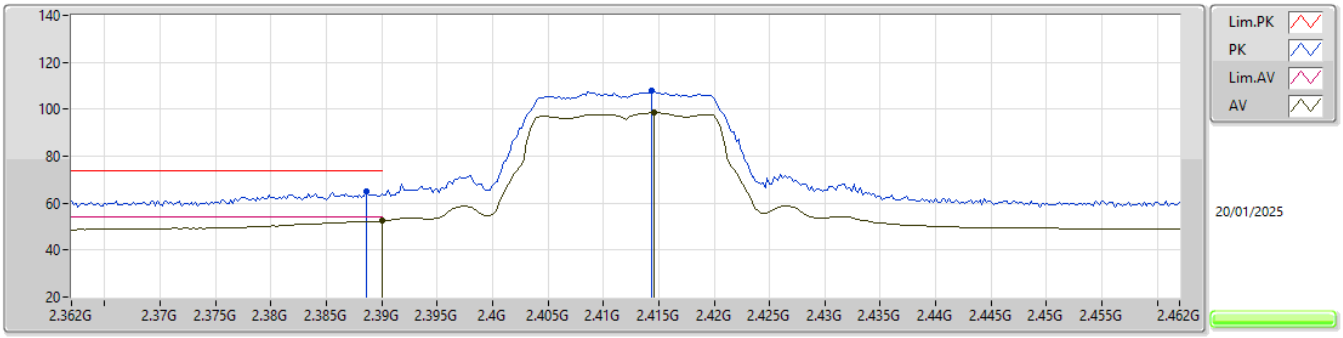


EUT Y_1TX
Setting 17.5
02-R-G-5

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	4.92402G	48.75	74.00	-25.25	39.57	3	Horizontal	330	1.70	-	33.35	6.84	31.01
AV	4.924G	39.64	54.00	-14.36	30.46	3	Horizontal	330	1.70	-	33.35	6.84	31.01
PK	7.38608G	52.67	74.00	-21.33	38.13	3	Horizontal	58	1.60	-	36.60	9.37	31.43
AV	7.3883G	38.96	54.00	-15.04	24.42	3	Horizontal	58	1.60	-	36.60	9.37	31.43

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

2412MHz_TX

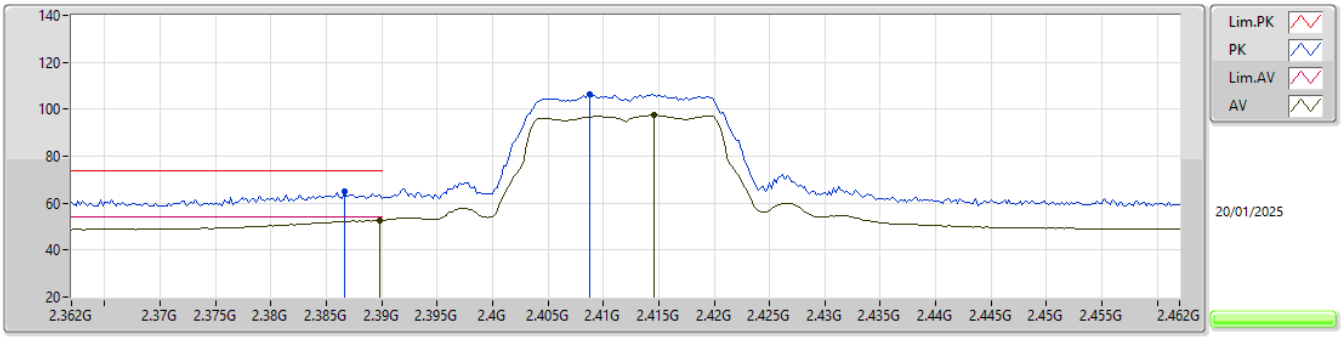


EUT Y_1TX
Setting 17
02-R-G-5

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	2.3886G	64.92	74.00	-9.08	32.37	3	Vertical	259	2.97	-	28.49	4.06	-
AV	2.39G	52.33	54.00	-1.67	19.77	3	Vertical	259	2.97	-	28.50	4.06	-
PK	2.4144G	107.81	Inf	-Inf	75.33	3	Vertical	259	2.97	-	28.40	4.08	-
AV	2.4146G	98.48	Inf	-Inf	66.00	3	Vertical	259	2.97	-	28.40	4.08	-

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

2412MHz_TX

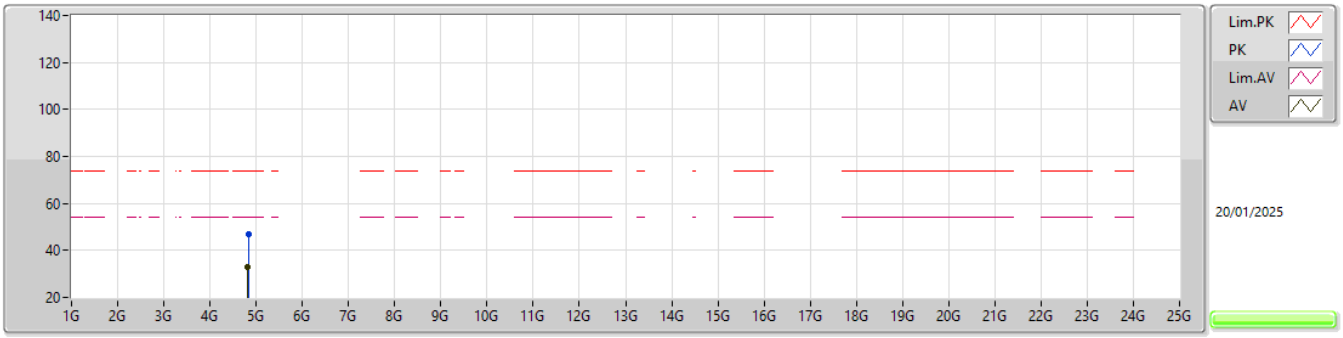


EUT Y_1TX
Setting 17
02-R-G-5

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	2.3866G	64.99	74.00	-9.01	32.46	3	Horizontal	215	1.76	-	28.47	4.06	-
AV	2.3898G	52.73	54.00	-1.27	20.17	3	Horizontal	215	1.76	-	28.50	4.06	-
PK	2.4088G	106.52	Inf	-Inf	74.03	3	Horizontal	215	1.76	-	28.41	4.08	-
AV	2.4146G	97.40	Inf	-Inf	64.92	3	Horizontal	215	1.76	-	28.40	4.08	-

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

2412MHz_TX

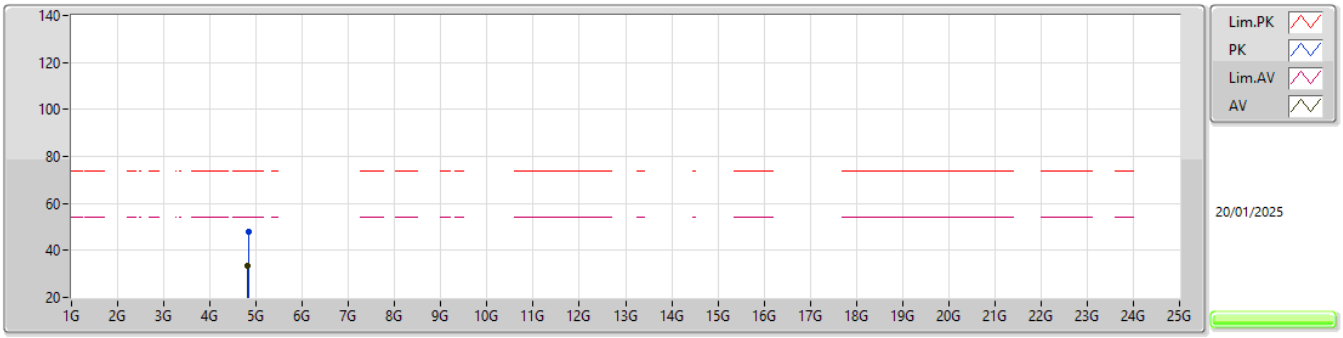


EUT Y_1TX
Setting 17
02-R-G-5

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	4.82516G	46.98	74.00	-27.02	38.05	3	Vertical	307	1.66	-	33.15	6.78	31.00
AV	4.82398G	33.03	54.00	-20.97	24.10	3	Vertical	307	1.66	-	33.15	6.78	31.00

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

2412MHz_TX

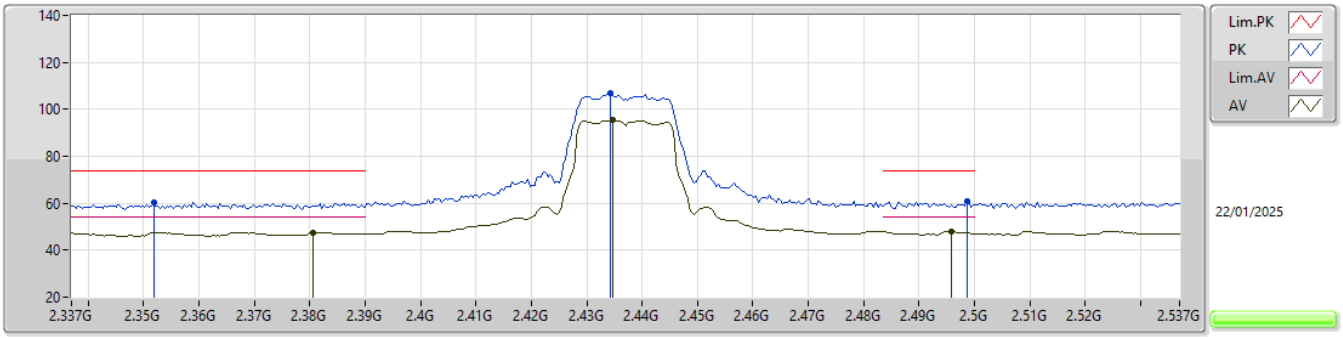


EUT Y_1TX
Setting 17
02-R-G-5

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	4.82724G	47.92	74.00	-26.08	38.99	3	Horizontal	331	2.16	-	33.15	6.78	31.00
AV	4.82358G	33.43	54.00	-20.57	24.50	3	Horizontal	331	2.16	-	33.15	6.78	31.00

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

2437MHz_TX

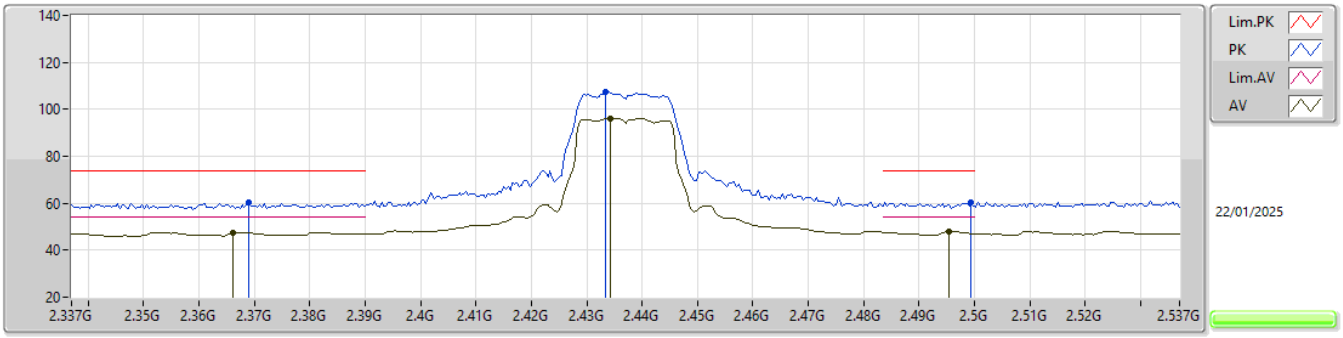


EUT Y_1TX
Setting 18
02-R-G-5

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	2.3518G	60.50	74.00	-13.50	28.14	3	Vertical	273	2.64	-	28.32	4.04	-
AV	2.3806G	47.62	54.00	-6.38	15.15	3	Vertical	273	2.64	-	28.41	4.06	-
PK	2.4342G	107.02	Inf	-Inf	74.42	3	Vertical	273	2.64	-	28.50	4.10	-
AV	2.4346G	95.26	Inf	-Inf	62.66	3	Vertical	273	2.64	-	28.50	4.10	-
PK	2.4986G	60.69	74.00	-13.31	27.95	3	Vertical	273	2.64	-	28.60	4.14	-
AV	2.4958G	47.81	54.00	-6.19	15.07	3	Vertical	273	2.64	-	28.60	4.14	-

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

2437MHz_TX

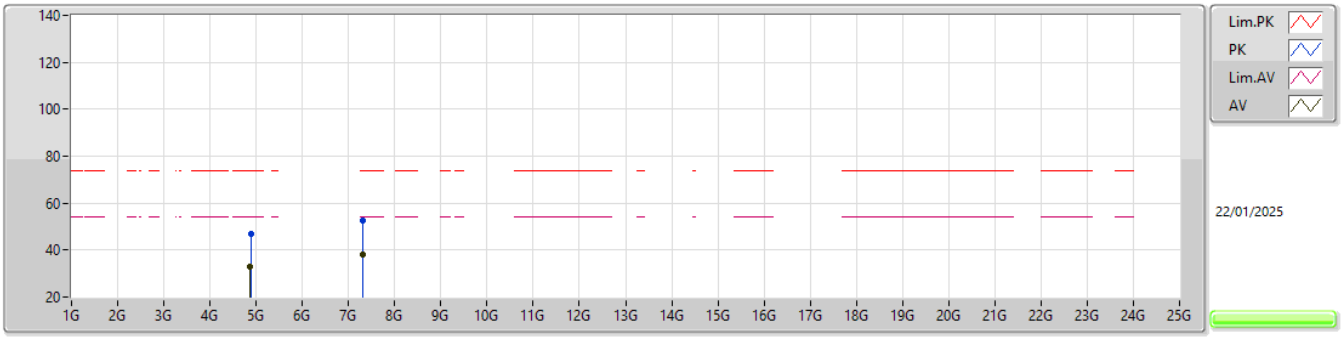


EUT Y_1TX
Setting 18
02-R-G-5

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	2.369G	60.56	74.00	-13.44	28.11	3	Horizontal	208	2.16	-	28.40	4.05	-
AV	2.3662G	47.65	54.00	-6.35	15.20	3	Horizontal	208	2.16	-	28.40	4.05	-
PK	2.4334G	107.61	Inf	-Inf	75.01	3	Horizontal	208	2.16	-	28.50	4.10	-
AV	2.4342G	96.22	Inf	-Inf	63.62	3	Horizontal	208	2.16	-	28.50	4.10	-
PK	2.4994G	60.38	74.00	-13.62	27.64	3	Horizontal	208	2.16	-	28.60	4.14	-
AV	2.4954G	47.90	54.00	-6.10	15.16	3	Horizontal	208	2.16	-	28.60	4.14	-

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

2437MHz_TX

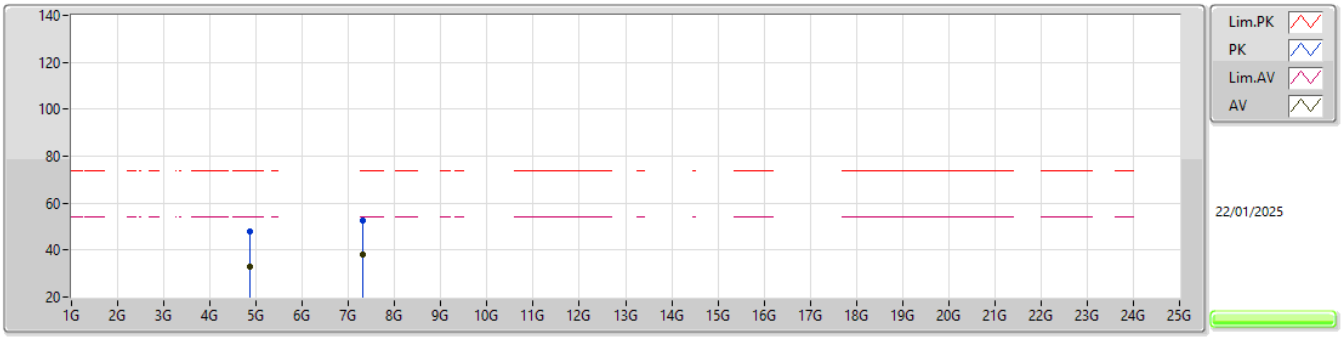


EUT Y_1TX
Setting 18
02-R-G-5

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	4.87734G	47.15	74.00	-26.85	38.09	3	Vertical	266	1.28	-	33.25	6.81	31.00
AV	4.8706G	32.94	54.00	-21.06	23.89	3	Vertical	266	1.28	-	33.24	6.81	31.00
PK	7.31128G	52.39	74.00	-21.61	38.00	3	Vertical	56	2.78	-	36.45	9.37	31.43
AV	7.31204G	38.27	54.00	-15.73	23.88	3	Vertical	56	2.78	-	36.45	9.37	31.43

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

2437MHz_TX

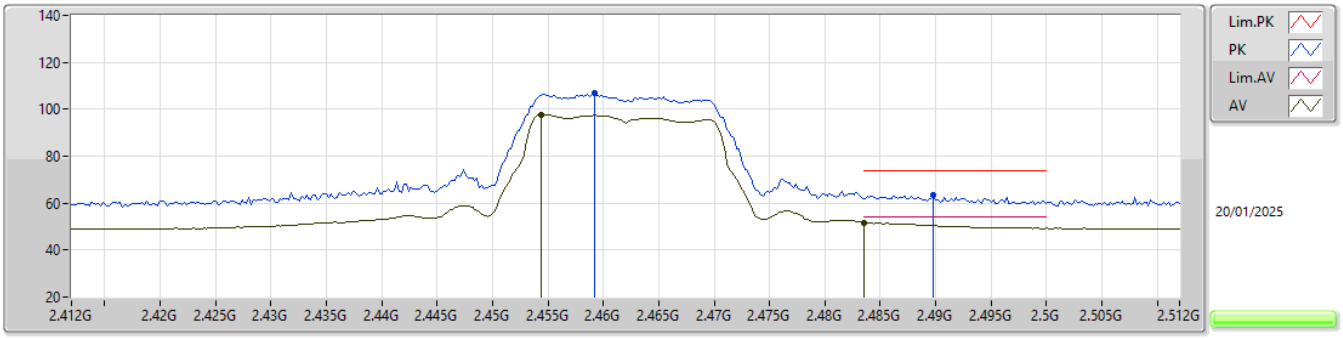


EUT Y_1TX
Setting 18
02-R-G-5

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	4.87556G	47.87	74.00	-26.13	38.81	3	Horizontal	206	1.80	-	33.25	6.81	31.00
AV	4.86954G	33.17	54.00	-20.83	24.12	3	Horizontal	206	1.80	-	33.24	6.81	31.00
PK	7.31114G	52.39	74.00	-21.61	38.01	3	Horizontal	359	1.80	-	36.44	9.37	31.43
AV	7.3116G	38.30	54.00	-15.70	23.91	3	Horizontal	359	1.80	-	36.45	9.37	31.43

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

2462MHz_TX

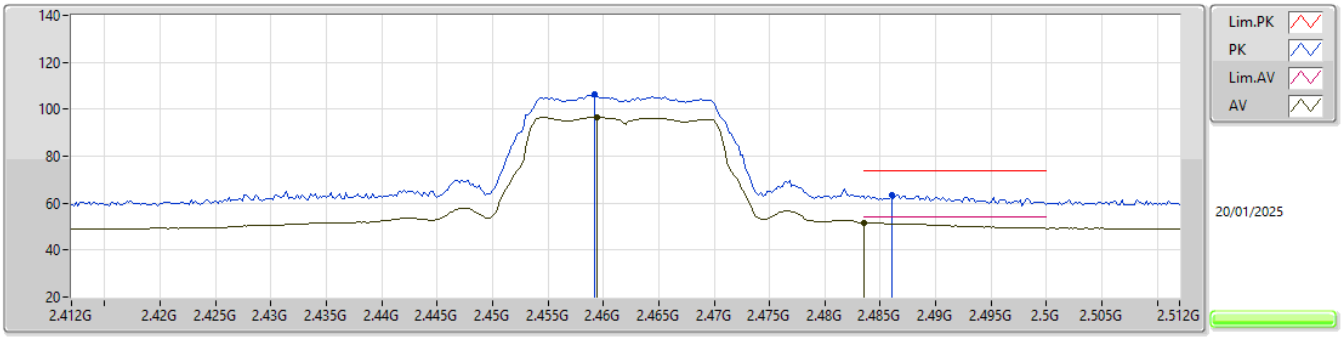


EUT Y_1TX
Setting 16
02-R-G-5

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	2.4592G	106.69	Inf	-Inf	74.17	3	Vertical	270	2.20	-	28.41	4.11	-
AV	2.4544G	97.63	Inf	-Inf	65.06	3	Vertical	270	2.20	-	28.46	4.11	-
PK	2.4898G	63.55	74.00	-10.45	30.81	3	Vertical	270	2.20	-	28.60	4.14	-
AV	2.4835G	51.71	54.00	-2.29	18.98	3	Vertical	270	2.20	-	28.60	4.13	-

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

2462MHz_TX

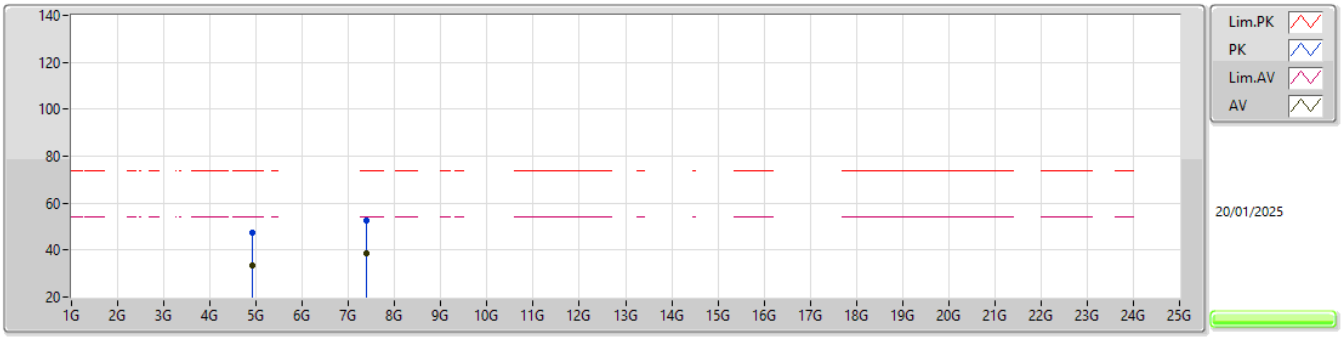


EUT Y_1TX
Setting 16
02-R-G-5

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	2.4592G	106.15	Inf	-Inf	73.63	3	Horizontal	207	1.77	-	28.41	4.11	-
AV	2.4594G	96.54	Inf	-Inf	64.02	3	Horizontal	207	1.77	-	28.41	4.11	-
PK	2.486G	63.42	74.00	-10.58	30.69	3	Horizontal	207	1.77	-	28.60	4.13	-
AV	2.4835G	51.71	54.00	-2.29	18.98	3	Horizontal	207	1.77	-	28.60	4.13	-

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

2462MHz_TX

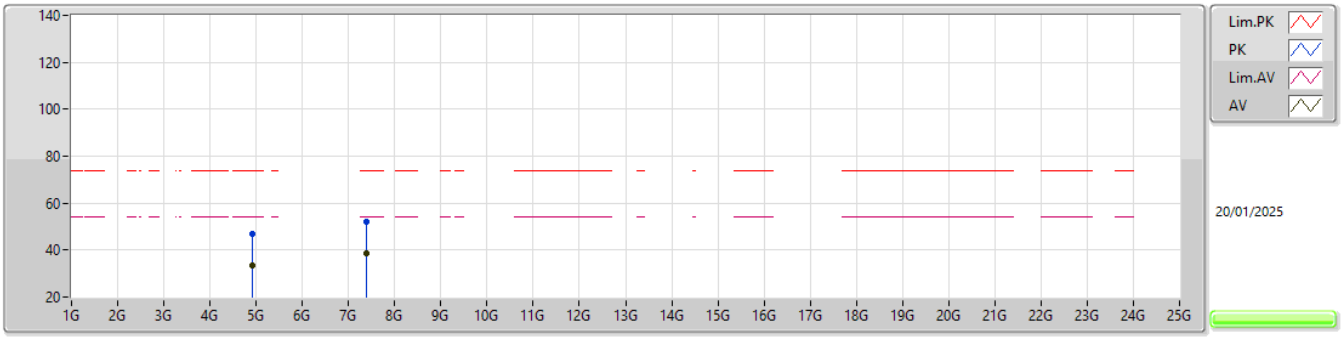


EUT Y_1TX
Setting 16
02-R-G-5

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	4.91944G	47.61	74.00	-26.39	38.44	3	Vertical	288	2.70	-	33.34	6.84	31.01
AV	4.92498G	33.25	54.00	-20.75	24.07	3	Vertical	288	2.70	-	33.35	6.84	31.01
PK	7.38144G	52.47	74.00	-21.53	37.93	3	Vertical	352	1.80	-	36.60	9.37	31.43
AV	7.38634G	38.47	54.00	-15.53	23.93	3	Vertical	352	1.80	-	36.60	9.37	31.43

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

2462MHz_TX

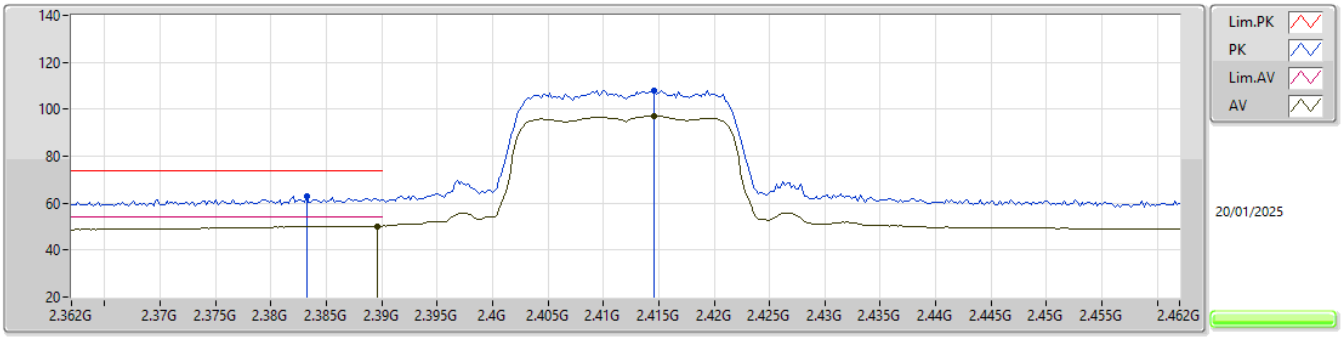


EUT Y_1TX
Setting 16
02-R-G-5

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	4.9267G	46.93	74.00	-27.07	37.75	3	Horizontal	255	1.80	-	33.35	6.84	31.01
AV	4.9227G	33.33	54.00	-20.67	24.15	3	Horizontal	255	1.80	-	33.35	6.84	31.01
PK	7.39014G	52.13	74.00	-21.87	37.59	3	Horizontal	311	2.55	-	36.60	9.37	31.43
AV	7.38862G	38.45	54.00	-15.55	23.91	3	Horizontal	311	2.55	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

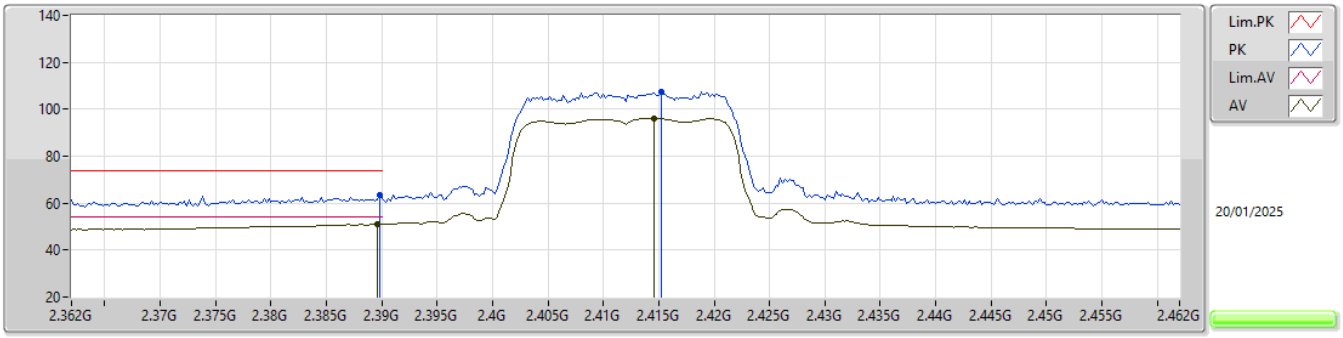


EUT Y_1TX
Setting 16
02-R-G-5

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	2.3832G	62.90	74.00	-11.10	30.41	3	Vertical	259	2.96	-	28.43	4.06	-
AV	2.3896G	50.23	54.00	-3.77	17.67	3	Vertical	259	2.96	-	28.50	4.06	-
PK	2.4146G	108.10	Inf	-Inf	75.62	3	Vertical	259	2.96	-	28.40	4.08	-
AV	2.4146G	97.17	Inf	-Inf	64.69	3	Vertical	259	2.96	-	28.40	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

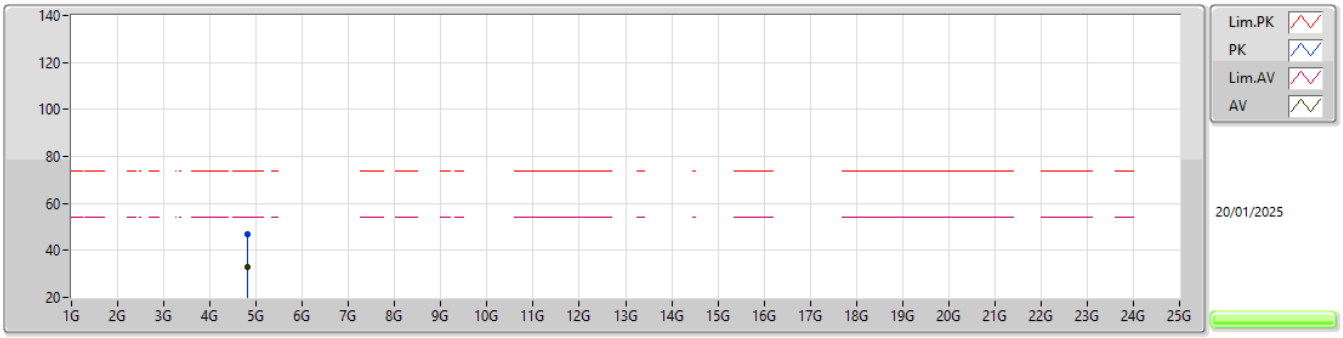


EUT Y_1TX
Setting 16
02-R-G-5

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	2.3898G	63.46	74.00	-10.54	30.90	3	Horizontal	216	1.75	-	28.50	4.06	-
AV	2.3896G	50.99	54.00	-3.01	18.43	3	Horizontal	216	1.75	-	28.50	4.06	-
PK	2.4152G	107.19	Inf	-Inf	74.71	3	Horizontal	216	1.75	-	28.40	4.08	-
AV	2.4146G	96.28	Inf	-Inf	63.80	3	Horizontal	216	1.75	-	28.40	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

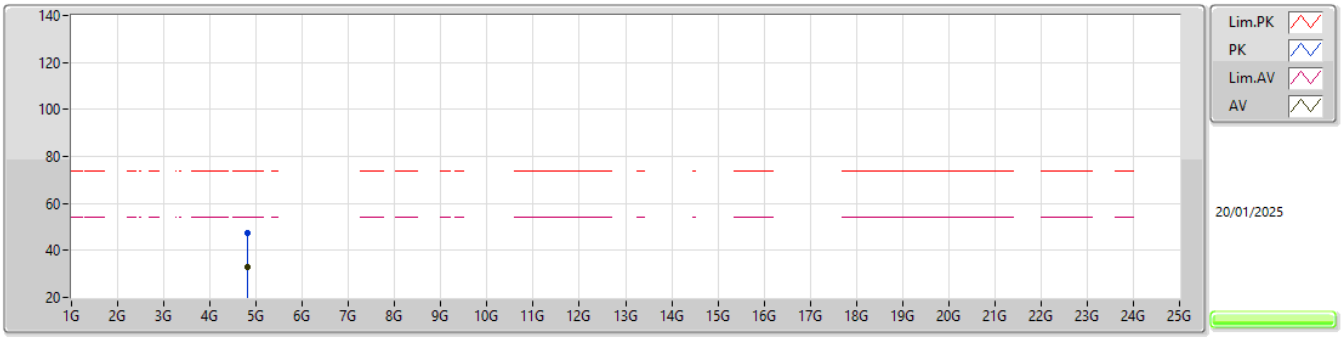


EUT Y_1TX
Setting 16
02-R-G-5

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	4.82438G	46.89	74.00	-27.11	37.96	3	Vertical	131	2.52	-	33.15	6.78	31.00
AV	4.82184G	32.87	54.00	-21.13	23.95	3	Vertical	131	2.52	-	33.14	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

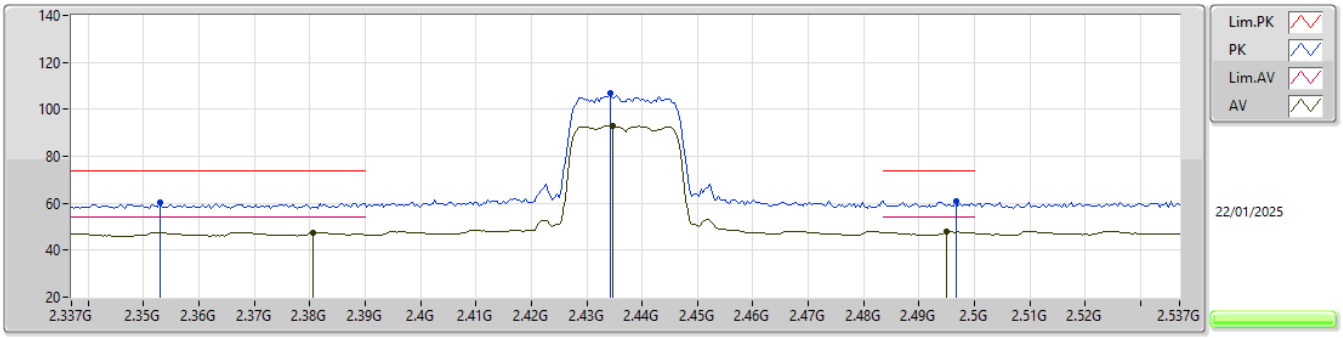


EUT Y_1TX
Setting 16
02-R-G-5

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	4.82144G	47.57	74.00	-26.43	38.65	3	Horizontal	333	1.78	-	33.14	6.78	31.00
AV	4.8226G	33.05	54.00	-20.95	24.12	3	Horizontal	333	1.78	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

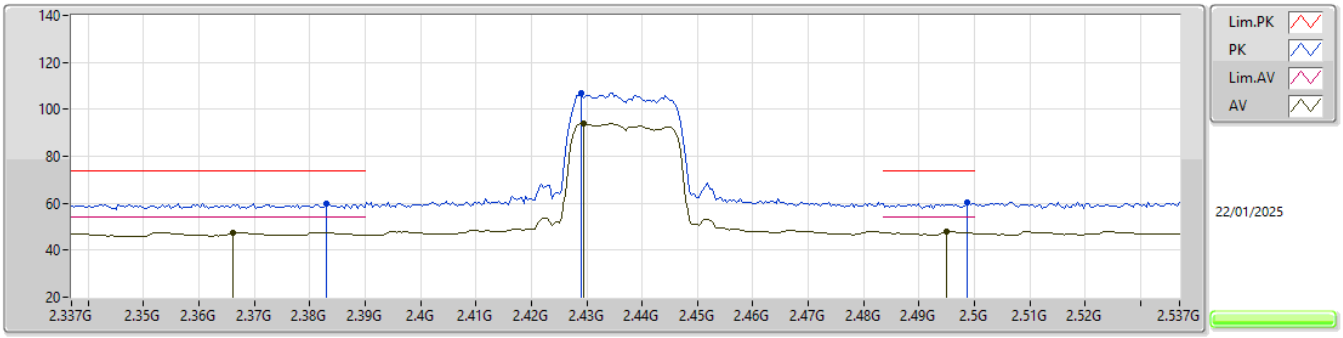


EUT Y_1TX
Setting 16
02-R-G-5

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	2.353G	60.15	74.00	-13.85	27.78	3	Vertical	275	2.64	-	28.33	4.04	-
AV	2.3806G	47.57	54.00	-6.43	15.10	3	Vertical	275	2.64	-	28.41	4.06	-
PK	2.4342G	107.12	Inf	-Inf	74.52	3	Vertical	275	2.64	-	28.50	4.10	-
AV	2.4346G	92.95	Inf	-Inf	60.35	3	Vertical	275	2.64	-	28.50	4.10	-
PK	2.4966G	60.98	74.00	-13.02	28.24	3	Vertical	275	2.64	-	28.60	4.14	-
AV	2.495G	47.76	54.00	-6.24	15.02	3	Vertical	275	2.64	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

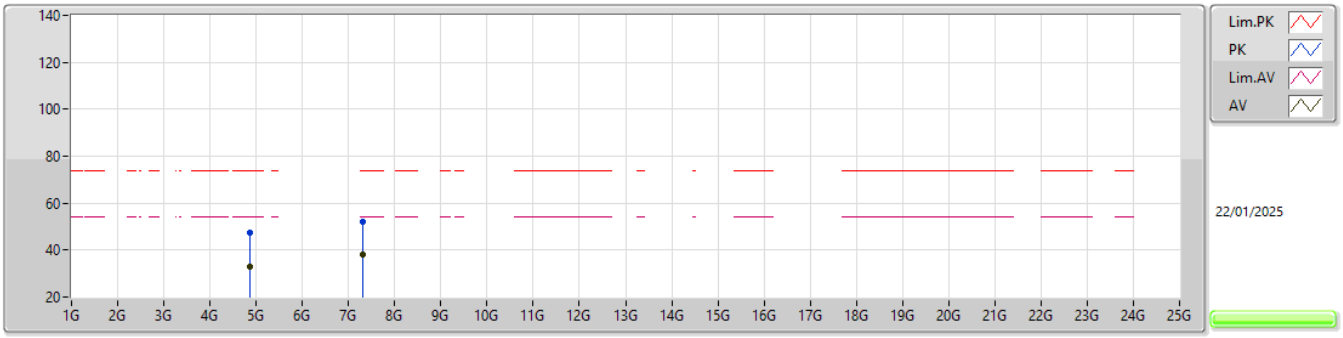


EUT Y_1TX
Setting 16
02-R-G-5

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	2.383G	59.96	74.00	-14.04	27.47	3	Horizontal	213	1.96	-	28.43	4.06	-
AV	2.3662G	47.59	54.00	-6.41	15.14	3	Horizontal	213	1.96	-	28.40	4.05	-
PK	2.429G	106.98	Inf	-Inf	74.40	3	Horizontal	213	1.96	-	28.49	4.09	-
AV	2.4294G	93.95	Inf	-Inf	61.37	3	Horizontal	213	1.96	-	28.49	4.09	-
PK	2.4986G	60.23	74.00	-13.77	27.49	3	Horizontal	213	1.96	-	28.60	4.14	-
AV	2.495G	48.01	54.00	-5.99	15.27	3	Horizontal	213	1.96	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

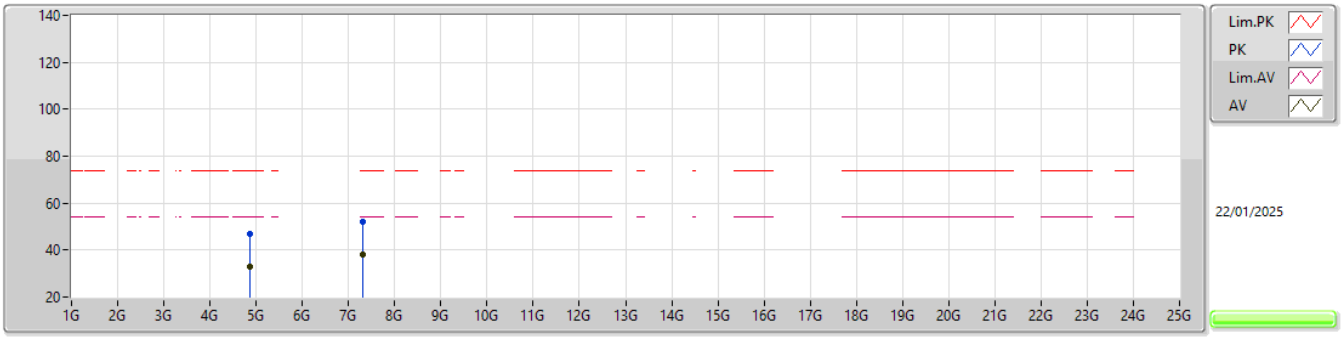


EUT Y_1TX
Setting 16
02-R-G-5

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	4.87672G	47.23	74.00	-26.77	38.17	3	Vertical	337	1.31	-	33.25	6.81	31.00
AV	4.8701G	32.87	54.00	-21.13	23.82	3	Vertical	337	1.31	-	33.24	6.81	31.00
PK	7.3103G	51.91	74.00	-22.09	37.53	3	Vertical	23	1.82	-	36.44	9.37	31.43
AV	7.31122G	38.18	54.00	-15.82	23.80	3	Vertical	23	1.82	-	36.44	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

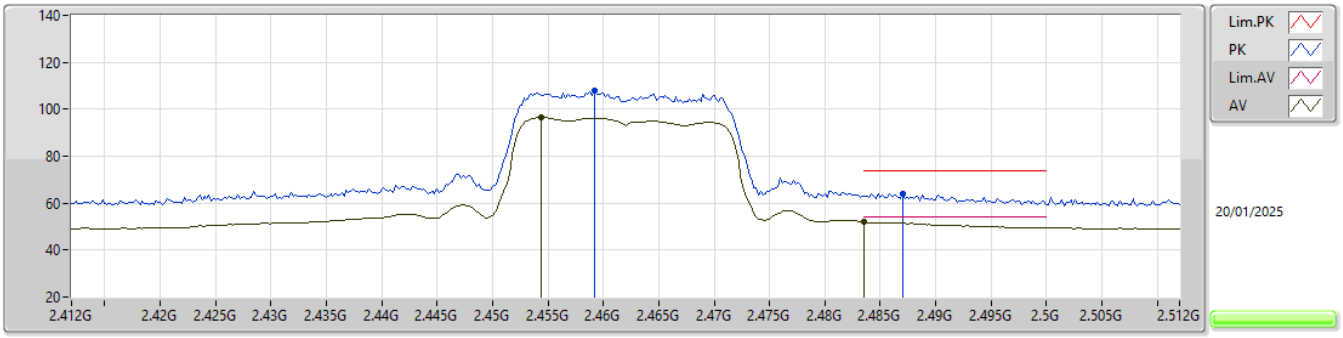


EUT Y_1TX
Setting 16
02-R-G-5

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	4.86912G	47.09	74.00	-26.91	38.04	3	Horizontal	342	1.90	-	33.24	6.81	31.00
AV	4.86916G	32.99	54.00	-21.01	23.94	3	Horizontal	342	1.90	-	33.24	6.81	31.00
PK	7.31002G	52.22	74.00	-21.78	37.84	3	Horizontal	53	1.80	-	36.44	9.37	31.43
AV	7.3113G	38.26	54.00	-15.74	23.87	3	Horizontal	53	1.80	-	36.45	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

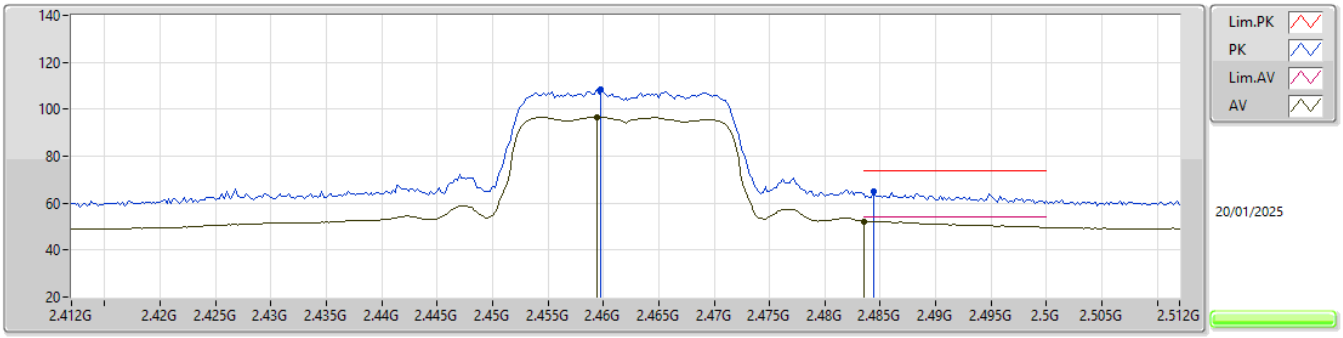


EUT Y_1TX
Setting 16
02-R-G-5

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	2.4592G	108.04	Inf	-Inf	75.52	3	Vertical	273	2.23	-	28.41	4.11	-
AV	2.4544G	96.47	Inf	-Inf	63.90	3	Vertical	273	2.23	-	28.46	4.11	-
PK	2.487G	64.11	74.00	-9.89	31.37	3	Vertical	273	2.23	-	28.60	4.14	-
AV	2.4835G	51.94	54.00	-2.06	19.21	3	Vertical	273	2.23	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

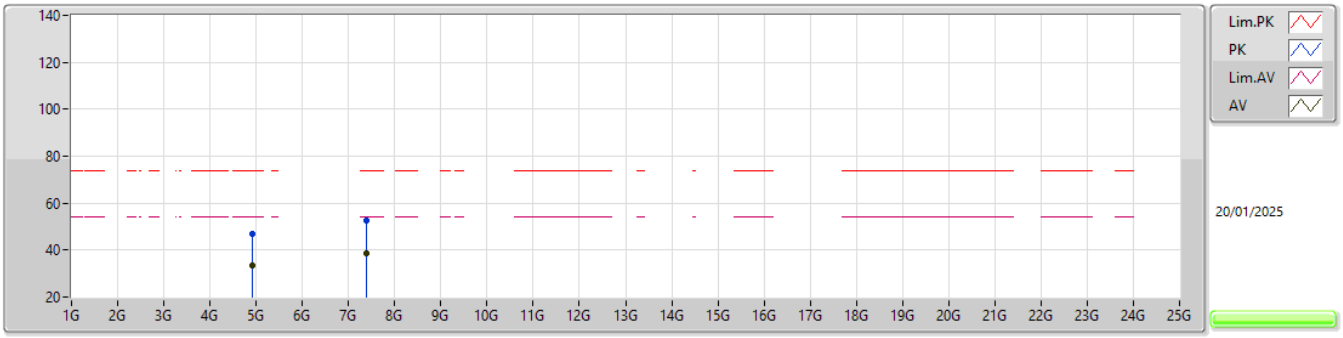


EUT Y_1TX
Setting 16
02-R-G-5

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	2.4598G	108.60	Inf	-Inf	76.09	3	Horizontal	227	1.76	-	28.40	4.11	-
AV	2.4594G	96.56	Inf	-Inf	64.04	3	Horizontal	227	1.76	-	28.41	4.11	-
PK	2.4844G	64.84	74.00	-9.16	32.11	3	Horizontal	227	1.76	-	28.60	4.13	-
AV	2.4835G	52.16	54.00	-1.84	19.43	3	Horizontal	227	1.76	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

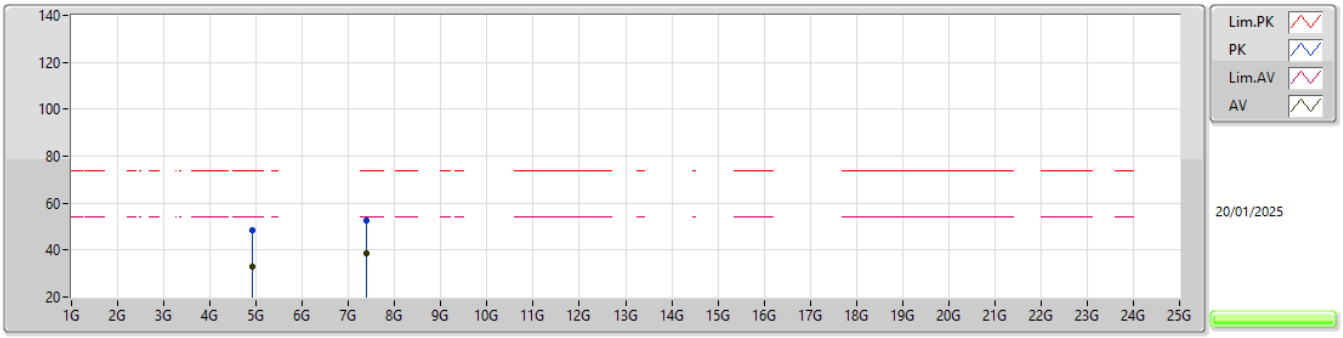


EUT Y_1TX
Setting 16
02-R-G-5

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	4.92522G	47.11	74.00	-26.89	37.93	3	Vertical	184	1.80	-	33.35	6.84	31.01
AV	4.92404G	33.24	54.00	-20.76	24.06	3	Vertical	184	1.80	-	33.35	6.84	31.01
PK	7.38744G	52.65	74.00	-21.35	38.11	3	Vertical	32	2.26	-	36.60	9.37	31.43
AV	7.3863G	38.52	54.00	-15.48	23.98	3	Vertical	32	2.26	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT Y_1TX
Setting 16
02-R-G-5

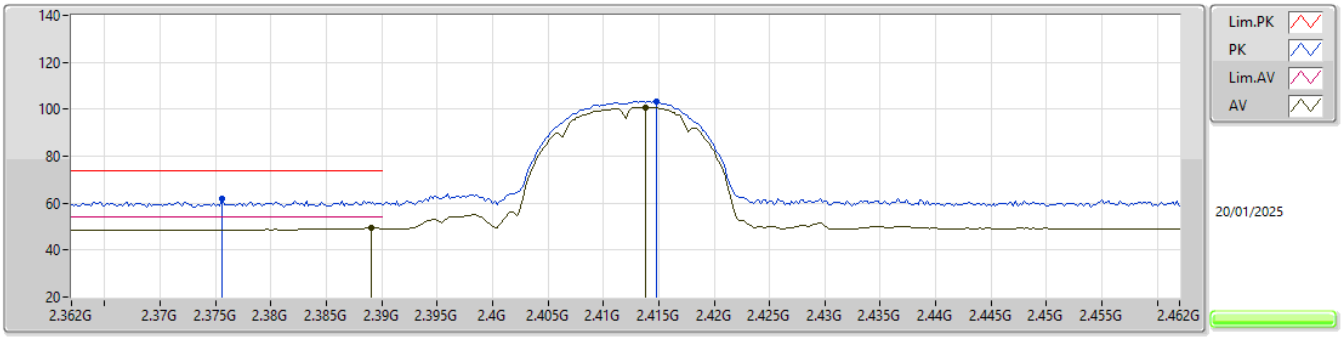
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92566G	48.37	74.00	-25.63	39.19	3	Horizontal	319	1.80	-	33.35	6.84	31.01
AV	4.9192G	33.09	54.00	-20.91	23.92	3	Horizontal	319	1.80	-	33.34	6.84	31.01
PK	7.38514G	52.68	74.00	-21.32	38.14	3	Horizontal	137	1.05	-	36.60	9.37	31.43
AV	7.38698G	38.58	54.00	-15.42	24.04	3	Horizontal	137	1.05	-	36.60	9.37	31.43

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	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.3898G	52.93	54.00	-1.07	3	Horizontal	5	1.00	-

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

2412MHz_TX

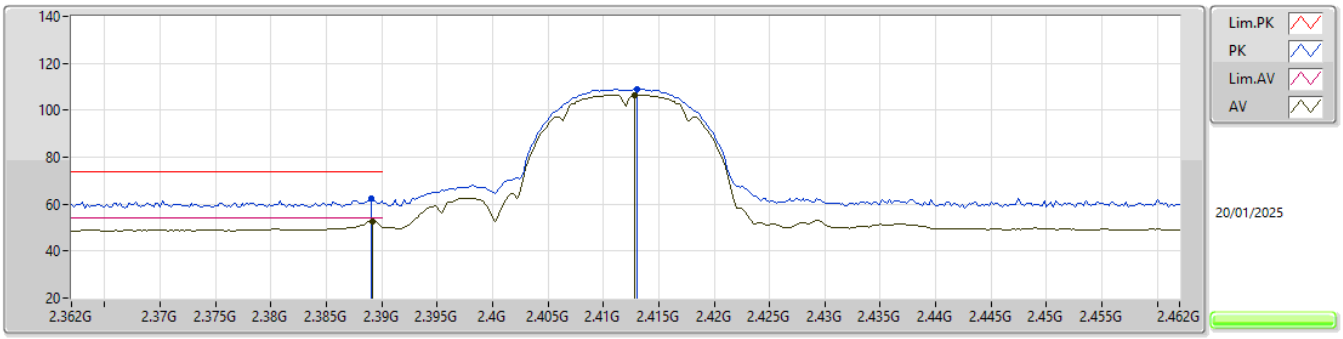


EUT X_1TX
Setting 20
02-R-G-5

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	2.3756G	62.02	74.00	-11.98	29.57	3	Vertical	6	1.72	-	28.40	4.05	-
AV	2.389G	49.68	54.00	-4.32	17.13	3	Vertical	6	1.72	-	28.49	4.06	-
PK	2.4148G	103.40	Inf	-Inf	70.92	3	Vertical	6	1.72	-	28.40	4.08	-
AV	2.4138G	100.93	Inf	-Inf	68.45	3	Vertical	6	1.72	-	28.40	4.08	-

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

2412MHz_TX

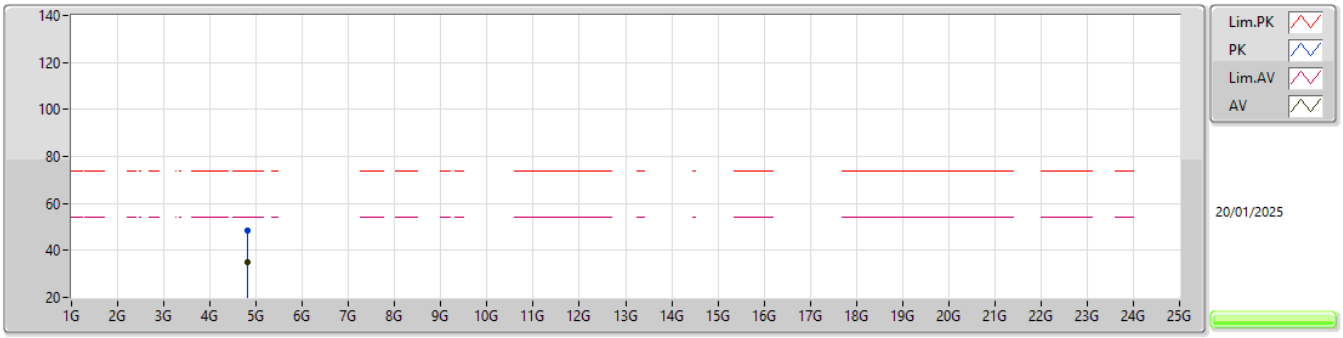


EUT X_1TX
Setting 20
02-R-G-5

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	2.389G	62.42	74.00	-11.58	29.87	3	Horizontal	4	1.00	-	28.49	4.06	-
AV	2.3892G	52.72	54.00	-1.28	20.17	3	Horizontal	4	1.00	-	28.49	4.06	-
PK	2.413G	108.91	Inf	-Inf	76.43	3	Horizontal	4	1.00	-	28.40	4.08	-
AV	2.4128G	106.47	Inf	-Inf	73.99	3	Horizontal	4	1.00	-	28.40	4.08	-

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

2412MHz_TX

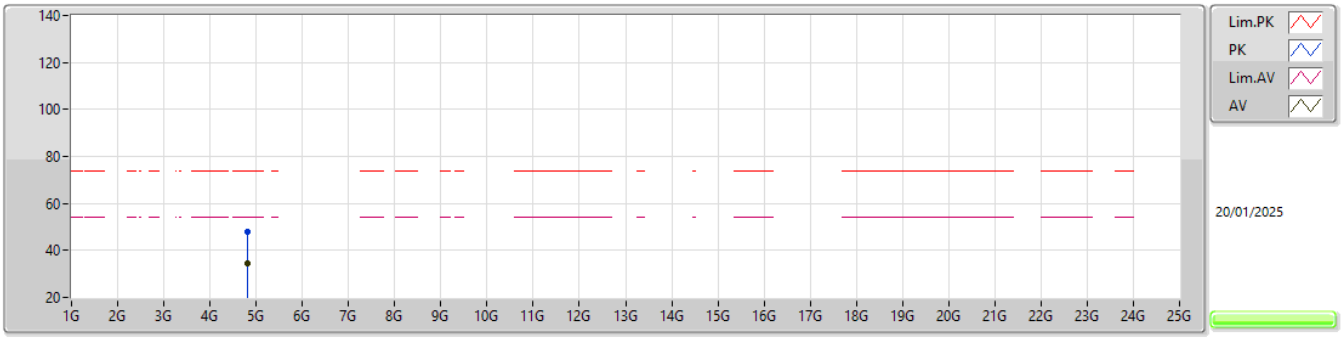


EUT X_1TX
Setting 20
02-R-G-5

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	4.8238G	48.30	74.00	-25.70	39.37	3	Vertical	9	1.00	-	33.15	6.78	31.00
AV	4.82394G	34.95	54.00	-19.05	26.02	3	Vertical	9	1.00	-	33.15	6.78	31.00

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

2412MHz_TX

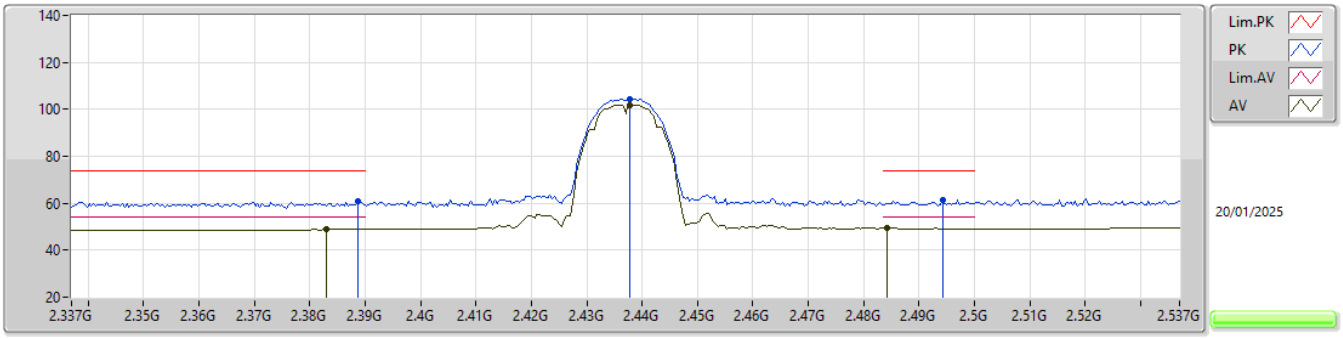


EUT X_1TX
Setting 20
02-R-G-5

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	4.82396G	48.06	74.00	-25.94	39.13	3	Horizontal	346	2.59	-	33.15	6.78	31.00
AV	4.82394G	34.61	54.00	-19.39	25.68	3	Horizontal	346	2.59	-	33.15	6.78	31.00

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

2437MHz_TX

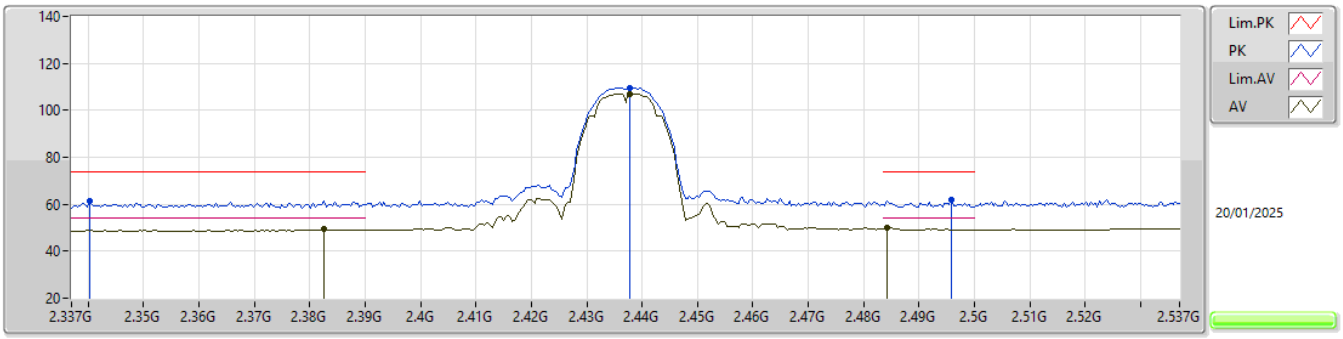


EUT X_1TX
Setting 20
02-R-G-5

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	2.3886G	60.95	74.00	-13.05	28.40	3	Vertical	134	1.66	-	28.49	4.06	-
AV	2.383G	49.02	54.00	-4.98	16.53	3	Vertical	134	1.66	-	28.43	4.06	-
PK	2.4378G	104.28	Inf	-Inf	71.68	3	Vertical	134	1.66	-	28.50	4.10	-
AV	2.4378G	101.81	Inf	-Inf	69.21	3	Vertical	134	1.66	-	28.50	4.10	-
PK	2.4942G	61.45	74.00	-12.55	28.71	3	Vertical	134	1.66	-	28.60	4.14	-
AV	2.4842G	49.66	54.00	-4.34	16.93	3	Vertical	134	1.66	-	28.60	4.13	-

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

2437MHz_TX

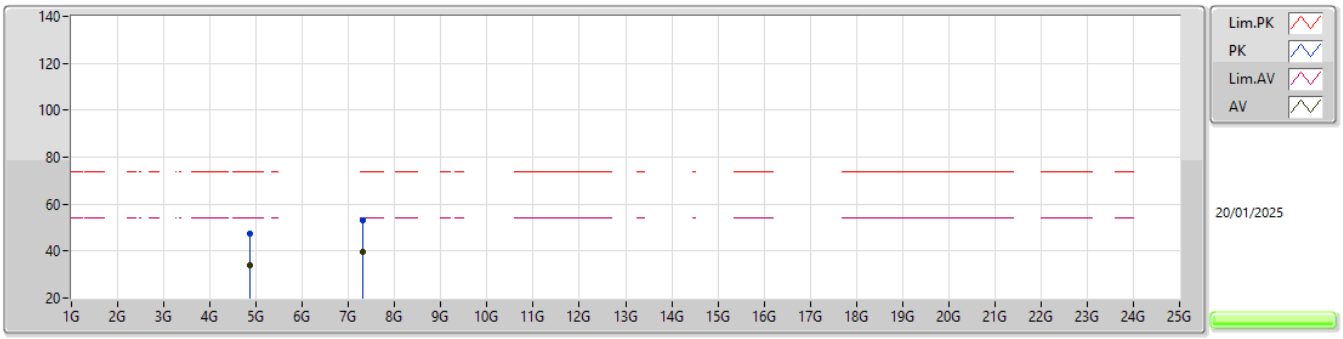


EUT X_1TX
Setting 20
02-R-G-5

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	2.3402G	61.34	74.00	-12.66	29.01	3	Horizontal	10	1.00	-	28.30	4.03	-
AV	2.3826G	49.31	54.00	-4.69	16.82	3	Horizontal	10	1.00	-	28.43	4.06	-
PK	2.4378G	109.57	Inf	-Inf	76.97	3	Horizontal	10	1.00	-	28.50	4.10	-
AV	2.4378G	107.11	Inf	-Inf	74.51	3	Horizontal	10	1.00	-	28.50	4.10	-
PK	2.4958G	61.74	74.00	-12.26	29.00	3	Horizontal	10	1.00	-	28.60	4.14	-
AV	2.4842G	49.94	54.00	-4.06	17.21	3	Horizontal	10	1.00	-	28.60	4.13	-

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

2437MHz_TX

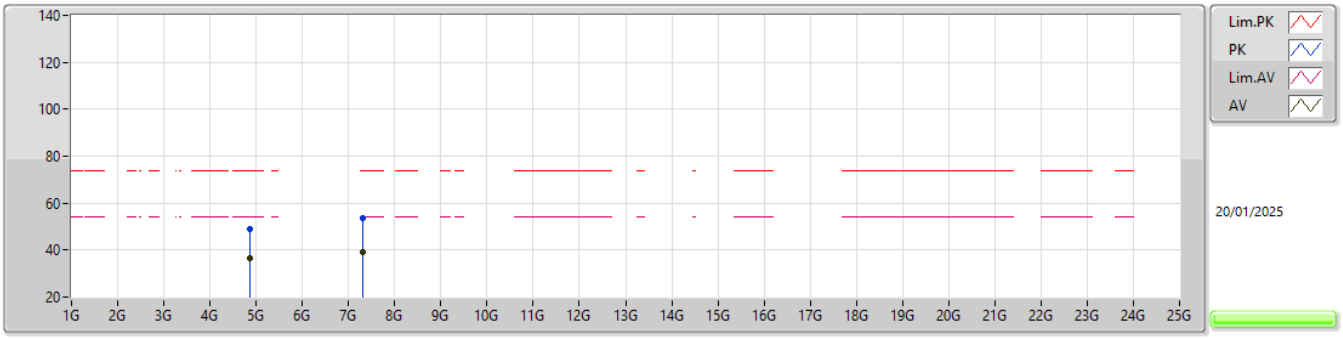


EUT X_1TX
Setting 20
02-R-G-5

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	4.87132G	47.42	74.00	-26.58	38.37	3	Vertical	342	1.80	-	33.24	6.81	31.00
AV	4.87392G	34.17	54.00	-19.83	25.11	3	Vertical	342	1.80	-	33.25	6.81	31.00
PK	7.31208G	53.15	74.00	-20.85	38.76	3	Vertical	40	2.54	-	36.45	9.37	31.43
AV	7.3119G	39.77	54.00	-14.23	25.38	3	Vertical	40	2.54	-	36.45	9.37	31.43

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

2437MHz_TX

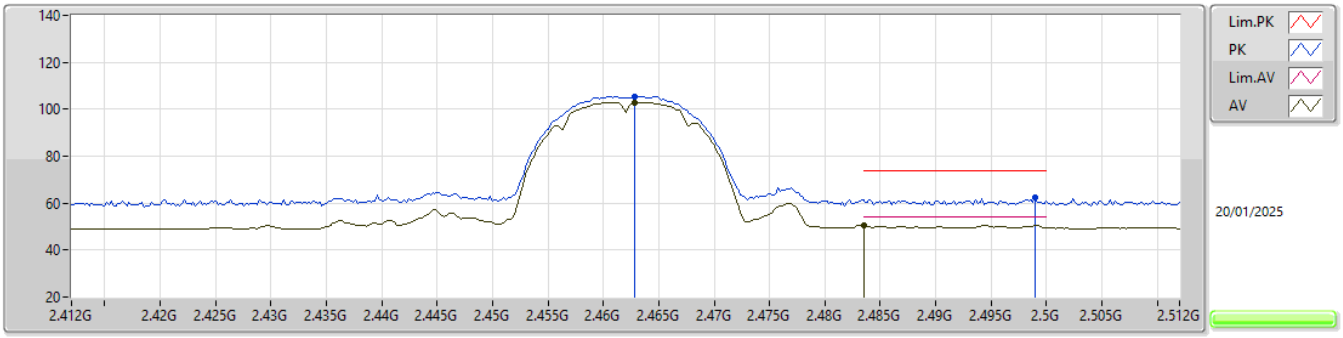


EUT X_1TX
Setting 20
02-R-G-5

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	4.874G	49.20	74.00	-24.80	40.14	3	Horizontal	1	2.39	-	33.25	6.81	31.00
AV	4.87396G	36.66	54.00	-17.34	27.60	3	Horizontal	1	2.39	-	33.25	6.81	31.00
PK	7.3146G	53.45	74.00	-20.55	39.05	3	Horizontal	28	2.59	-	36.46	9.37	31.43
AV	7.31312G	39.36	54.00	-14.64	24.97	3	Horizontal	28	2.59	-	36.45	9.37	31.43

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

2462MHz_TX

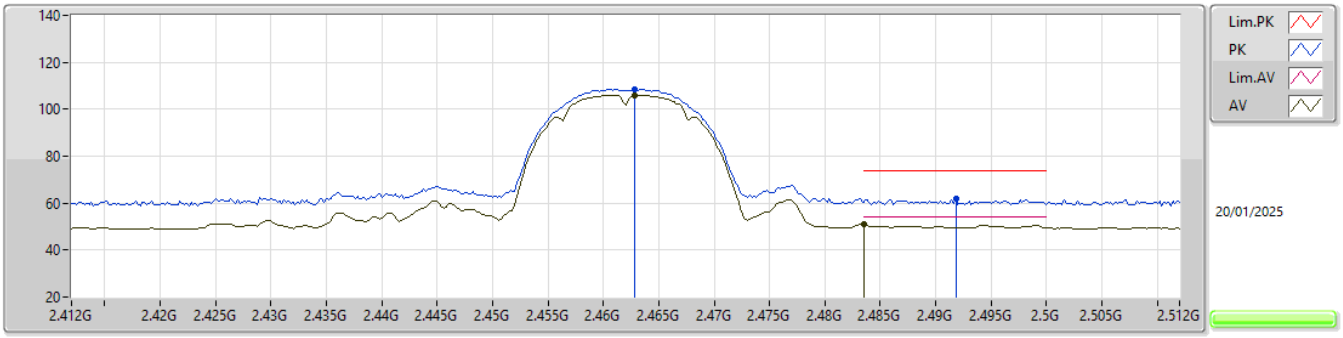


EUT X_1TX
Setting 20
02-R-G-5

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	2.4628G	105.46	Inf	-Inf	72.91	3	Vertical	10	1.80	-	28.43	4.12	-
AV	2.4628G	102.99	Inf	-Inf	70.44	3	Vertical	10	1.80	-	28.43	4.12	-
PK	2.499G	62.16	74.00	-11.84	29.42	3	Vertical	10	1.80	-	28.60	4.14	-
AV	2.4835G	50.74	54.00	-3.26	18.01	3	Vertical	10	1.80	-	28.60	4.13	-

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

2462MHz_TX

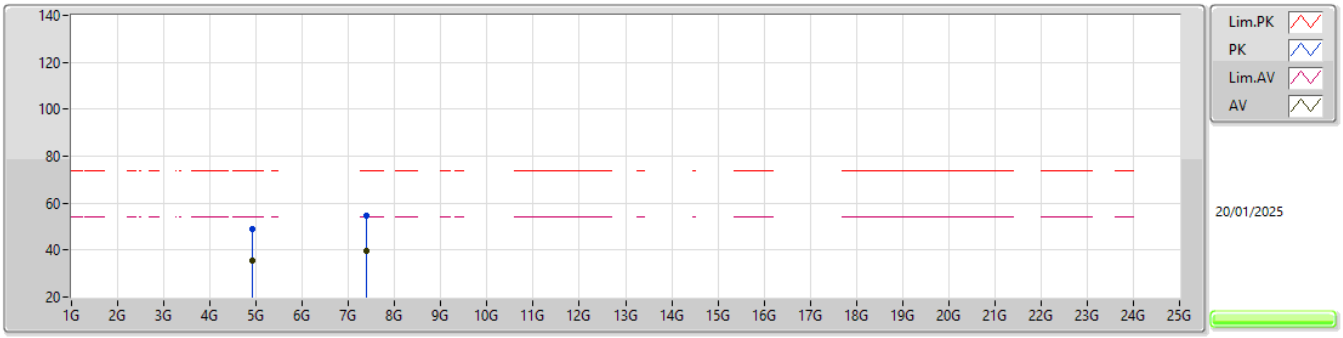


EUT X_1TX
Setting 20
02-R-G-5

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	2.4628G	108.45	Inf	-Inf	75.90	3	Horizontal	8	1.16	-	28.43	4.12	-
AV	2.4628G	105.99	Inf	-Inf	73.44	3	Horizontal	8	1.16	-	28.43	4.12	-
PK	2.4918G	61.95	74.00	-12.05	29.21	3	Horizontal	8	1.16	-	28.60	4.14	-
AV	2.4835G	51.00	54.00	-3.00	18.27	3	Horizontal	8	1.16	-	28.60	4.13	-

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

2462MHz_TX

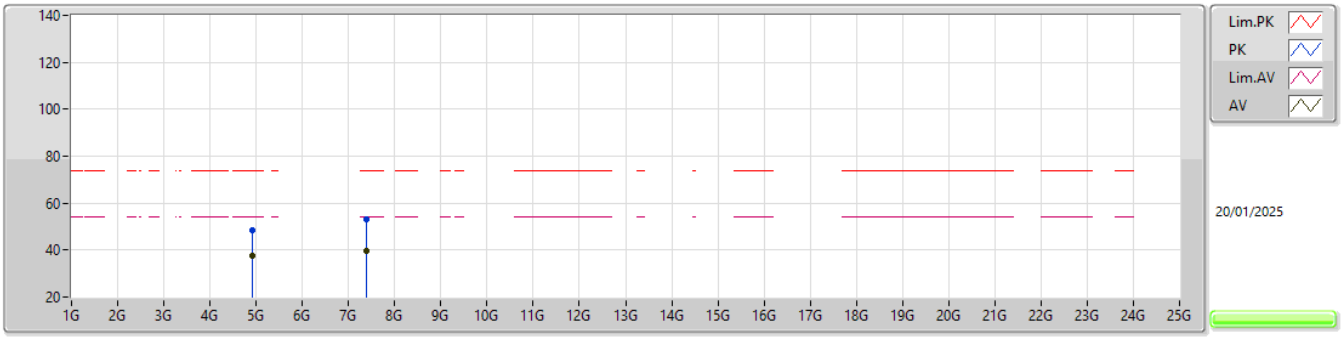


EUT X_1TX
Setting 20
02-R-G-5

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	4.92586G	48.90	74.00	-25.10	39.72	3	Vertical	353	1.23	-	33.35	6.84	31.01
AV	4.92394G	35.74	54.00	-18.26	26.56	3	Vertical	353	1.23	-	33.35	6.84	31.01
PK	7.38544G	54.40	74.00	-19.60	39.86	3	Vertical	44	2.61	-	36.60	9.37	31.43
AV	7.38494G	39.75	54.00	-14.25	25.21	3	Vertical	44	2.61	-	36.60	9.37	31.43

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

2462MHz_TX

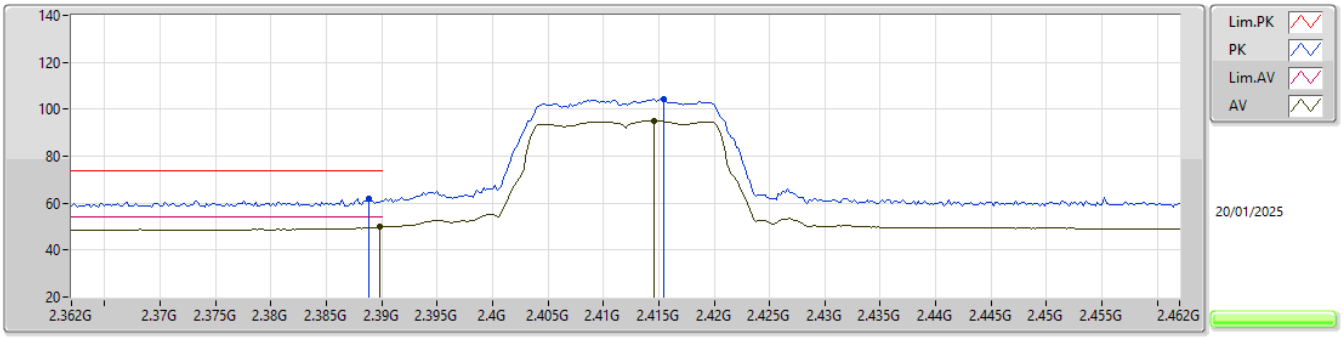


EUT X_1TX
Setting 20
02-R-G-5

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	4.92382G	48.60	74.00	-25.40	39.42	3	Horizontal	354	2.50	-	33.35	6.84	31.01
AV	4.92396G	37.71	54.00	-16.29	28.53	3	Horizontal	354	2.50	-	33.35	6.84	31.01
PK	7.3862G	53.12	74.00	-20.88	38.58	3	Horizontal	24	2.51	-	36.60	9.37	31.43
AV	7.38544G	39.51	54.00	-14.49	24.97	3	Horizontal	24	2.51	-	36.60	9.37	31.43

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

2412MHz_TX

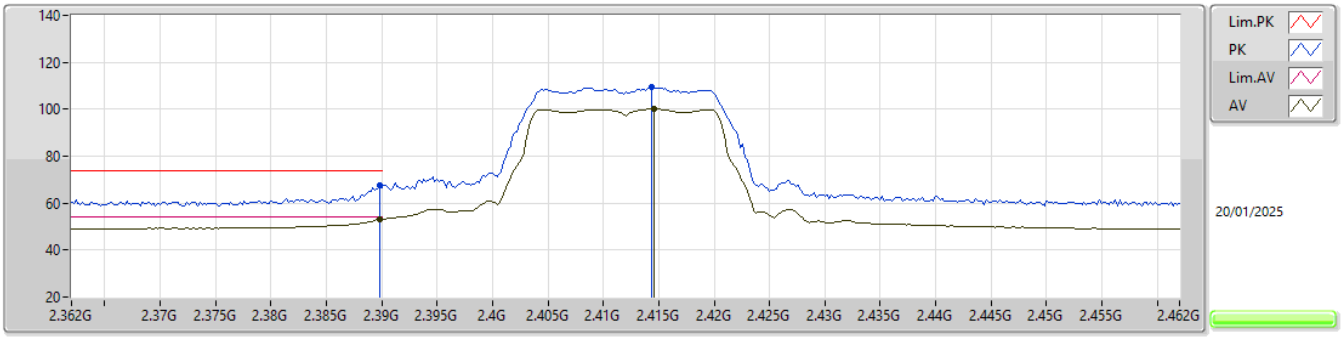


EUT X_1TX
Setting 17.5
02-R-G-5

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	2.3888G	62.02	74.00	-11.98	29.47	3	Vertical	33	2.95	-	28.49	4.06	-
AV	2.3898G	49.96	54.00	-4.04	17.40	3	Vertical	33	2.95	-	28.50	4.06	-
PK	2.4154G	104.37	Inf	-Inf	71.89	3	Vertical	33	2.95	-	28.40	4.08	-
AV	2.4146G	95.13	Inf	-Inf	62.65	3	Vertical	33	2.95	-	28.40	4.08	-

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

2412MHz_TX

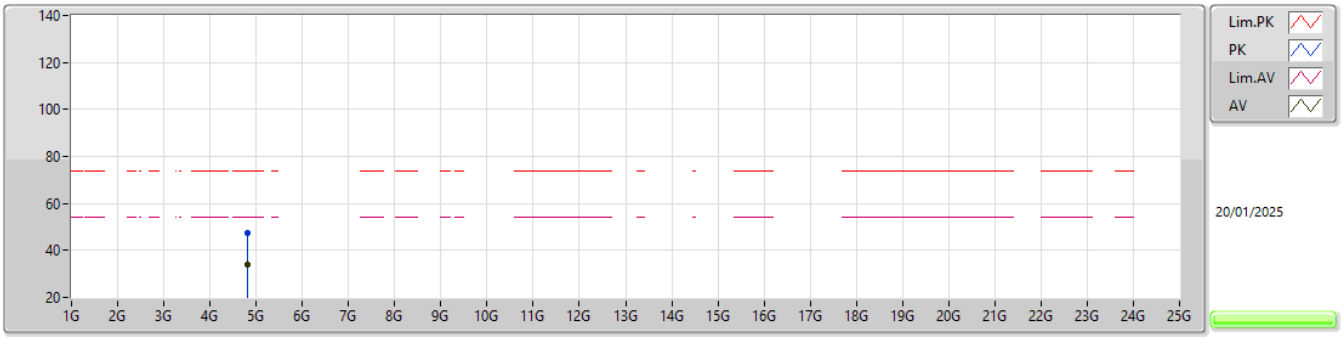


EUT X_1TX
Setting 17.5
02-R-G-5

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	2.3898G	67.82	74.00	-6.18	35.26	3	Horizontal	5	1.00	-	28.50	4.06	-
AV	2.3898G	52.93	54.00	-1.07	20.37	3	Horizontal	5	1.00	-	28.50	4.06	-
PK	2.4144G	109.46	Inf	-Inf	76.98	3	Horizontal	5	1.00	-	28.40	4.08	-
AV	2.4146G	100.13	Inf	-Inf	67.65	3	Horizontal	5	1.00	-	28.40	4.08	-

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

2412MHz_TX

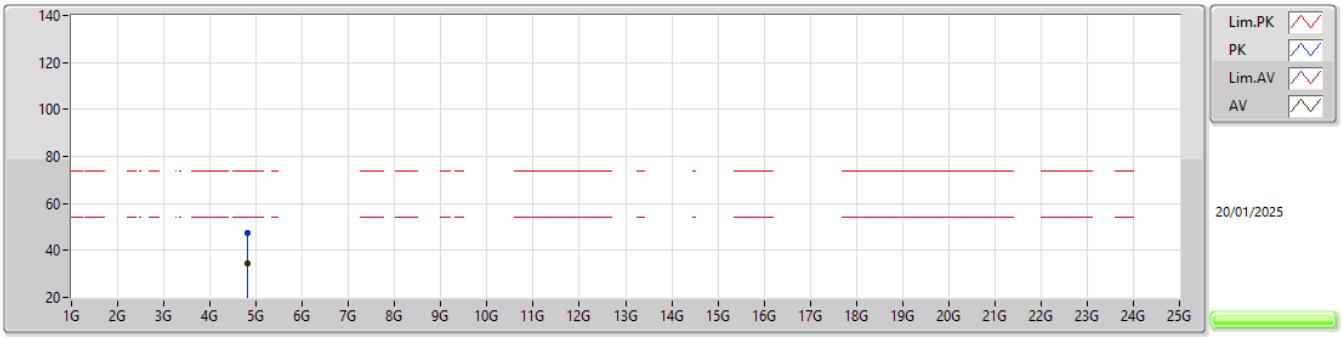


EUT X_1TX
Setting 17.5
02-R-G-5

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	4.82438G	47.43	74.00	-26.57	38.50	3	Vertical	296	1.51	-	33.15	6.78	31.00
AV	4.82396G	34.01	54.00	-19.99	25.08	3	Vertical	296	1.51	-	33.15	6.78	31.00

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

2412MHz_TX

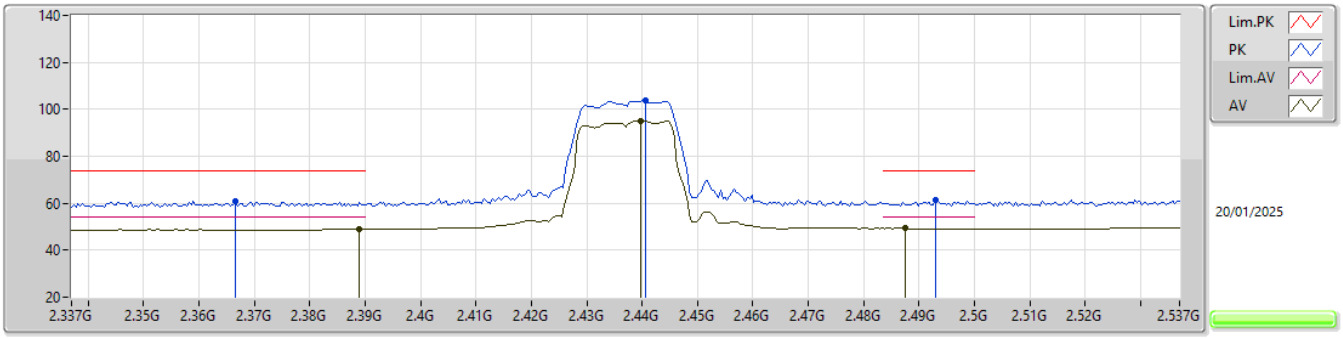


EUT X_1TX
Setting 17.5
02-R-G-5

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	4.82294G	47.28	74.00	-26.72	38.35	3	Horizontal	329	2.19	-	33.15	6.78	31.00
AV	4.82394G	34.27	54.00	-19.73	25.34	3	Horizontal	329	2.19	-	33.15	6.78	31.00

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

2437MHz_TX

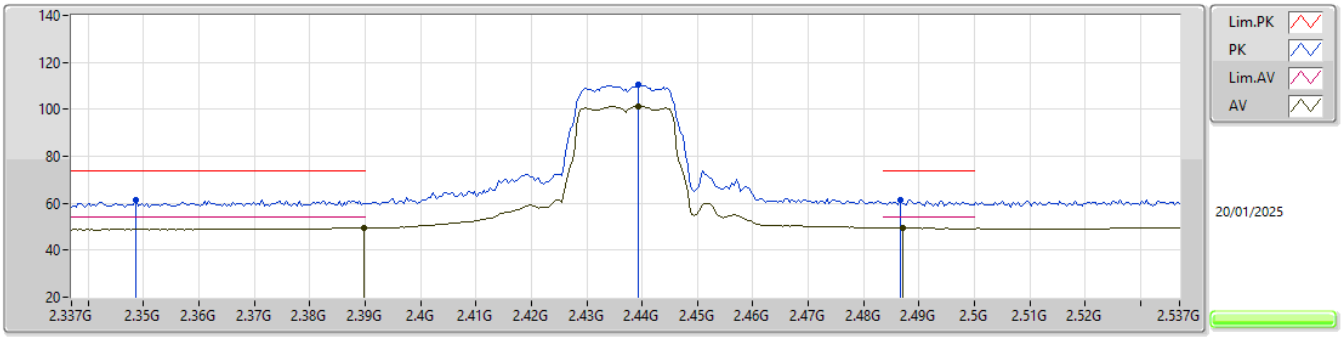


EUT X_1TX
Setting 18
02-R-G-5

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	2.3666G	61.02	74.00	-12.98	28.57	3	Vertical	132	1.96	-	28.40	4.05	-
AV	2.389G	49.10	54.00	-4.90	16.55	3	Vertical	132	1.96	-	28.49	4.06	-
PK	2.4406G	103.89	Inf	-Inf	71.29	3	Vertical	132	1.96	-	28.50	4.10	-
AV	2.4398G	95.24	Inf	-Inf	62.64	3	Vertical	132	1.96	-	28.50	4.10	-
PK	2.493G	61.15	74.00	-12.85	28.41	3	Vertical	132	1.96	-	28.60	4.14	-
AV	2.4874G	49.37	54.00	-4.63	16.63	3	Vertical	132	1.96	-	28.60	4.14	-

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

2437MHz_TX

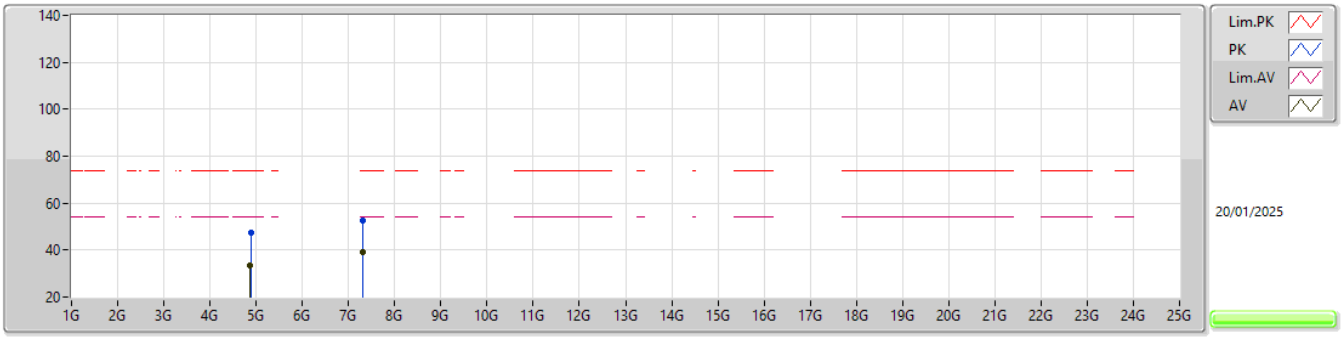


EUT X_1TX
Setting 18
02-R-G-5

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	2.3486G	61.43	74.00	-12.57	29.10	3	Horizontal	5	1.00	-	28.30	4.03	-
AV	2.3898G	49.40	54.00	-4.60	16.84	3	Horizontal	5	1.00	-	28.50	4.06	-
PK	2.4394G	110.49	Inf	-Inf	77.89	3	Horizontal	5	1.00	-	28.50	4.10	-
AV	2.4394G	101.26	Inf	-Inf	68.66	3	Horizontal	5	1.00	-	28.50	4.10	-
PK	2.4866G	61.51	74.00	-12.49	28.78	3	Horizontal	5	1.00	-	28.60	4.13	-
AV	2.487G	49.37	54.00	-4.63	16.63	3	Horizontal	5	1.00	-	28.60	4.14	-

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

2437MHz_TX

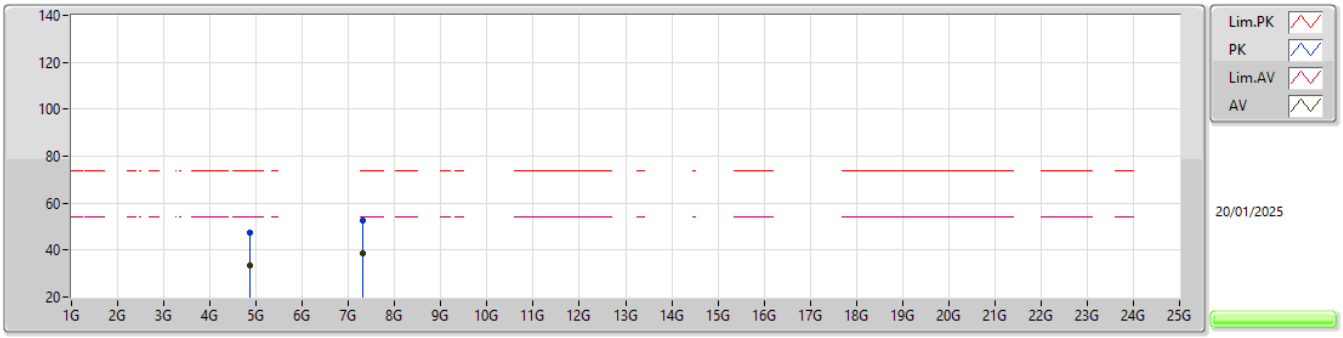


EUT X_1TX
Setting 18
02-R-G-5

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	4.87736G	47.57	74.00	-26.43	38.51	3	Vertical	360	1.80	-	33.25	6.81	31.00
AV	4.86978G	33.55	54.00	-20.45	24.50	3	Vertical	360	1.80	-	33.24	6.81	31.00
PK	7.30742G	52.73	74.00	-21.27	38.36	3	Vertical	126	1.80	-	36.43	9.37	31.43
AV	7.31158G	38.93	54.00	-15.07	24.54	3	Vertical	126	1.80	-	36.45	9.37	31.43

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

2437MHz_TX

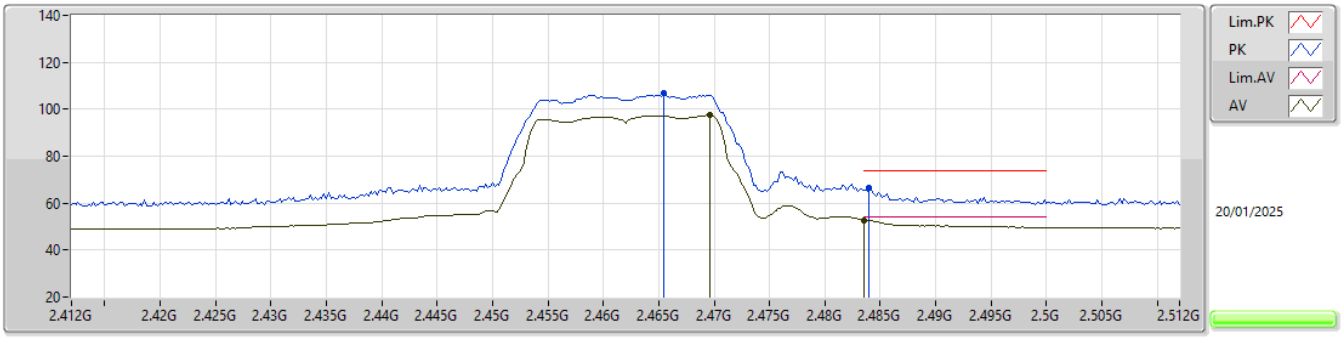


EUT X_1TX
Setting 18
02-R-G-5

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	4.87322G	47.62	74.00	-26.38	38.56	3	Horizontal	177	1.80	-	33.25	6.81	31.00
AV	4.86976G	33.49	54.00	-20.51	24.44	3	Horizontal	177	1.80	-	33.24	6.81	31.00
PK	7.30666G	52.66	74.00	-21.34	38.29	3	Horizontal	85	2.69	-	36.43	9.37	31.43
AV	7.31336G	38.81	54.00	-15.19	24.42	3	Horizontal	85	2.69	-	36.45	9.37	31.43

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

2462MHz_TX

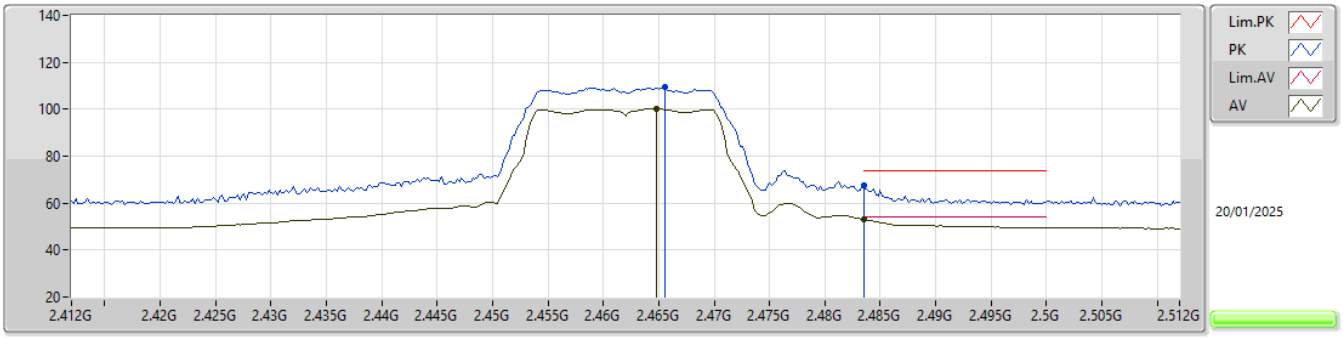


EUT X_1TX
Setting 18
02-R-G-5

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	2.4654G	106.68	Inf	-Inf	74.11	3	Vertical	354	1.85	-	28.45	4.12	-
AV	2.4696G	97.37	Inf	-Inf	64.75	3	Vertical	354	1.85	-	28.50	4.12	-
PK	2.484G	66.56	74.00	-7.44	33.83	3	Vertical	354	1.85	-	28.60	4.13	-
AV	2.4835G	52.78	54.00	-1.22	20.05	3	Vertical	354	1.85	-	28.60	4.13	-

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

2462MHz_TX

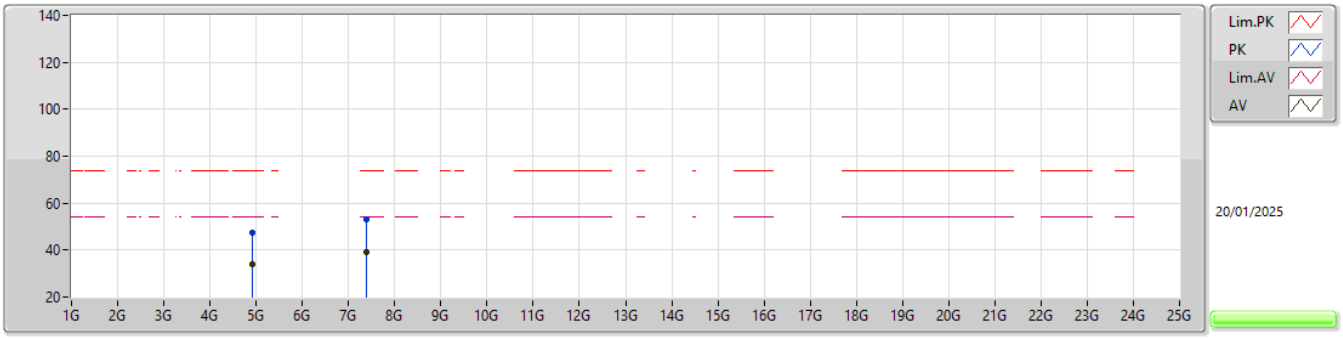


EUT X_1TX
Setting 18
02-R-G-5

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	2.4656G	109.33	Inf	-Inf	76.75	3	Horizontal	9	1.17	-	28.46	4.12	-
AV	2.4648G	100.19	Inf	-Inf	67.62	3	Horizontal	9	1.17	-	28.45	4.12	-
PK	2.4835G	67.39	74.00	-6.61	34.66	3	Horizontal	9	1.17	-	28.60	4.13	-
AV	2.4835G	52.98	54.00	-1.02	20.25	3	Horizontal	9	1.17	-	28.60	4.13	-

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

2462MHz_TX

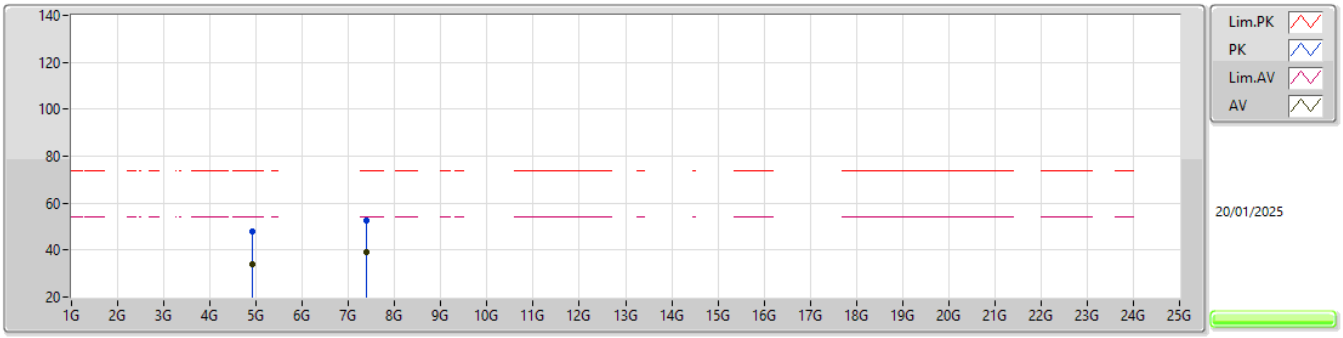


EUT X_1TX
Setting 18
02-R-G-5

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	4.9195G	47.44	74.00	-26.56	38.27	3	Vertical	243	2.11	-	33.34	6.84	31.01
AV	4.92334G	33.82	54.00	-20.18	24.64	3	Vertical	243	2.11	-	33.35	6.84	31.01
PK	7.38286G	53.26	74.00	-20.74	38.72	3	Vertical	189	1.98	-	36.60	9.37	31.43
AV	7.381G	39.09	54.00	-14.91	24.55	3	Vertical	189	1.98	-	36.60	9.37	31.43

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

2462MHz_TX

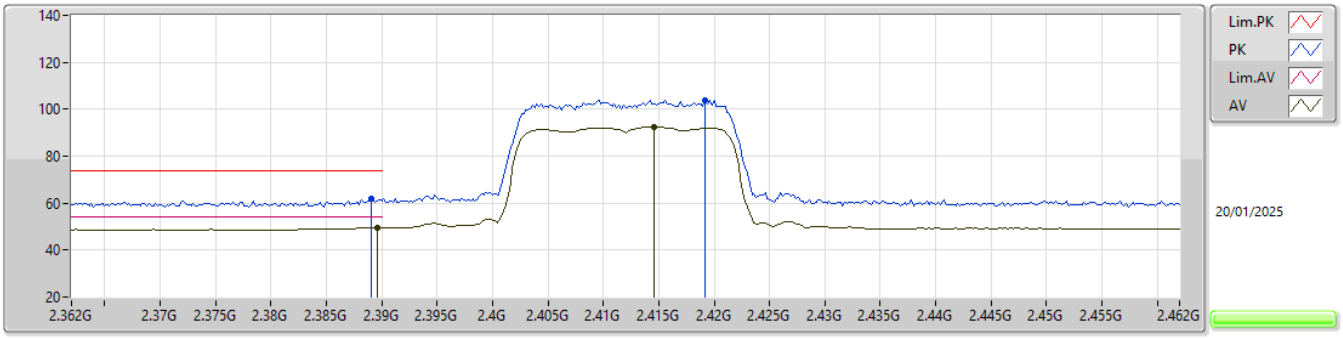


EUT X_1TX
Setting 18
02-R-G-5

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	4.9269G	48.01	74.00	-25.99	38.83	3	Horizontal	198	1.42	-	33.35	6.84	31.01
AV	4.91906G	33.85	54.00	-20.15	24.68	3	Horizontal	198	1.42	-	33.34	6.84	31.01
PK	7.38924G	52.74	74.00	-21.26	38.20	3	Horizontal	266	1.46	-	36.60	9.37	31.43
AV	7.38972G	39.03	54.00	-14.97	24.49	3	Horizontal	266	1.46	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

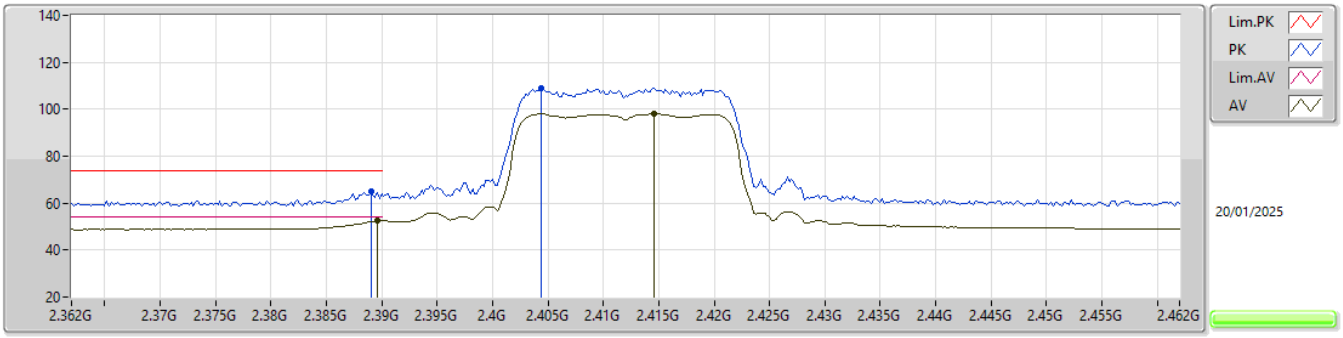


EUT X_1TX
Setting 16
02-R-G-5

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	2.389G	61.75	74.00	-12.25	29.20	3	Vertical	37	3.00	-	28.49	4.06	-
AV	2.3896G	49.69	54.00	-4.31	17.13	3	Vertical	37	3.00	-	28.50	4.06	-
PK	2.4192G	104.03	Inf	-Inf	71.55	3	Vertical	37	3.00	-	28.40	4.08	-
AV	2.4146G	92.61	Inf	-Inf	60.13	3	Vertical	37	3.00	-	28.40	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

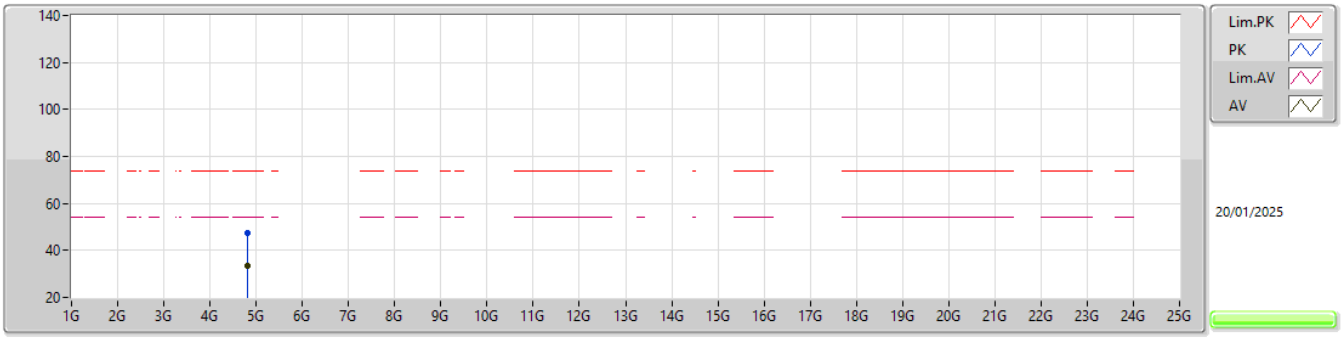


EUT X_1TX
Setting 16
02-R-G-5

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	2.389G	64.87	74.00	-9.13	32.32	3	Horizontal	6	1.00	-	28.49	4.06	-
AV	2.3896G	52.33	54.00	-1.67	19.77	3	Horizontal	6	1.00	-	28.50	4.06	-
PK	2.4044G	108.85	Inf	-Inf	76.32	3	Horizontal	6	1.00	-	28.46	4.07	-
AV	2.4146G	98.06	Inf	-Inf	65.58	3	Horizontal	6	1.00	-	28.40	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

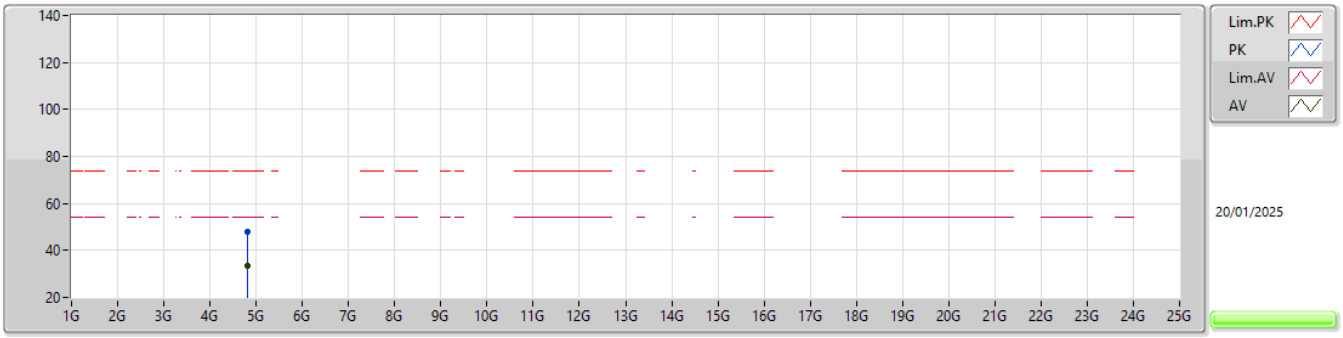


EUT X_1TX
Setting 16
02-R-G-5

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	4.81982G	47.23	74.00	-26.77	38.31	3	Vertical	236	1.00	-	33.14	6.78	31.00
AV	4.82334G	33.50	54.00	-20.50	24.57	3	Vertical	236	1.00	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

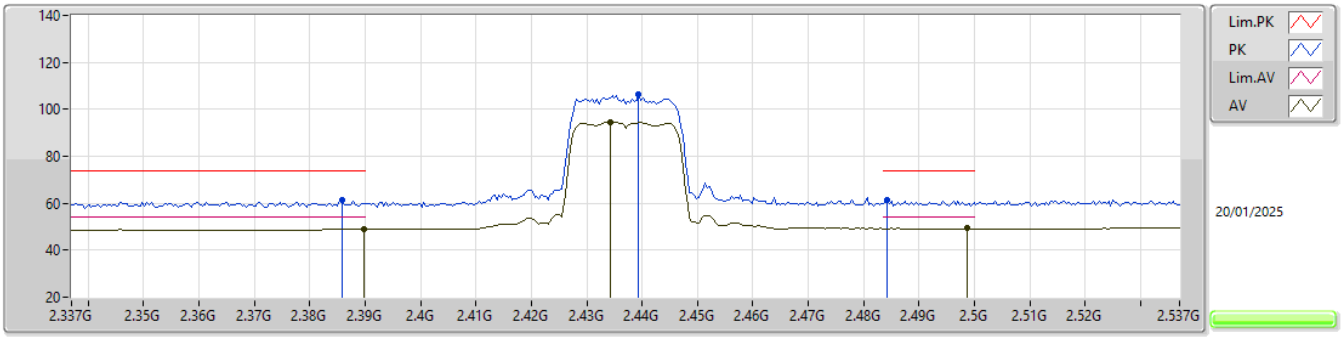


EUT X_1TX
Setting 16
02-R-G-5

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	4.82248G	47.82	74.00	-26.18	38.90	3	Horizontal	233	2.52	-	33.14	6.78	31.00
AV	4.8204G	33.45	54.00	-20.55	24.53	3	Horizontal	233	2.52	-	33.14	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

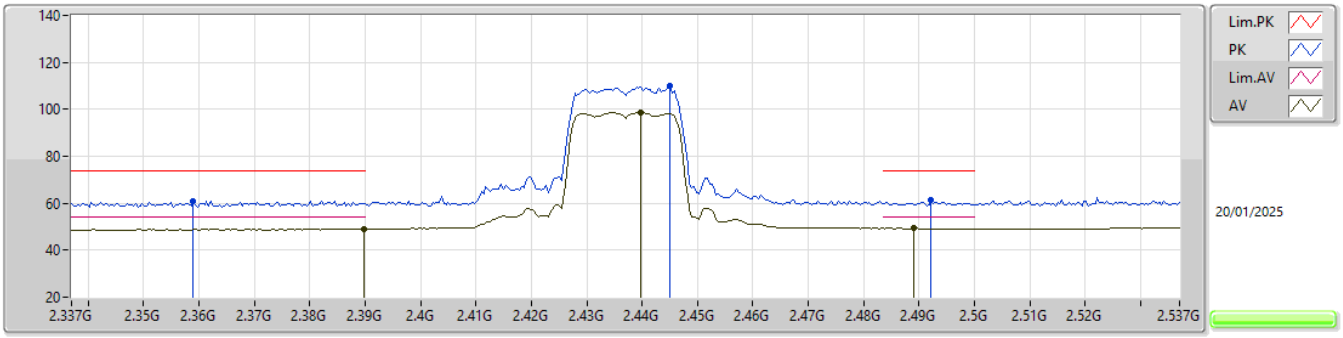


EUT X_1TX
Setting 16
02-R-G-5

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	2.3858G	61.29	74.00	-12.71	28.77	3	Vertical	11	1.93	-	28.46	4.06	-
AV	2.3898G	49.11	54.00	-4.89	16.55	3	Vertical	11	1.93	-	28.50	4.06	-
PK	2.4394G	106.55	Inf	-Inf	73.95	3	Vertical	11	1.93	-	28.50	4.10	-
AV	2.4342G	94.74	Inf	-Inf	62.14	3	Vertical	11	1.93	-	28.50	4.10	-
PK	2.4842G	61.44	74.00	-12.56	28.71	3	Vertical	11	1.93	-	28.60	4.13	-
AV	2.4986G	49.37	54.00	-4.63	16.63	3	Vertical	11	1.93	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

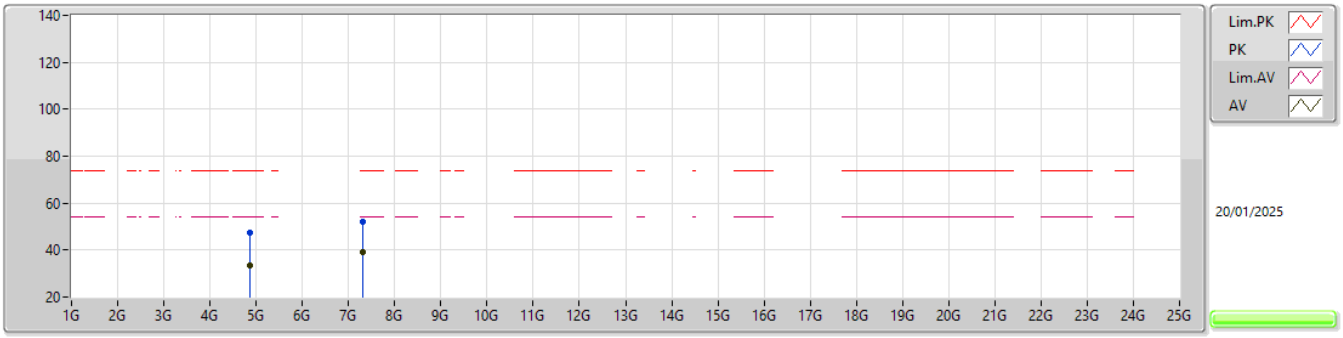


EUT X_1TX
Setting 16
02-R-G-5

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	2.359G	60.98	74.00	-13.02	28.55	3	Horizontal	6	1.01	-	28.39	4.04	-
AV	2.3898G	49.11	54.00	-4.89	16.55	3	Horizontal	6	1.01	-	28.50	4.06	-
PK	2.445G	109.95	Inf	-Inf	77.35	3	Horizontal	6	1.01	-	28.50	4.10	-
AV	2.4398G	98.72	Inf	-Inf	66.12	3	Horizontal	6	1.01	-	28.50	4.10	-
PK	2.4922G	61.15	74.00	-12.85	28.41	3	Horizontal	6	1.01	-	28.60	4.14	-
AV	2.489G	49.37	54.00	-4.63	16.63	3	Horizontal	6	1.01	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

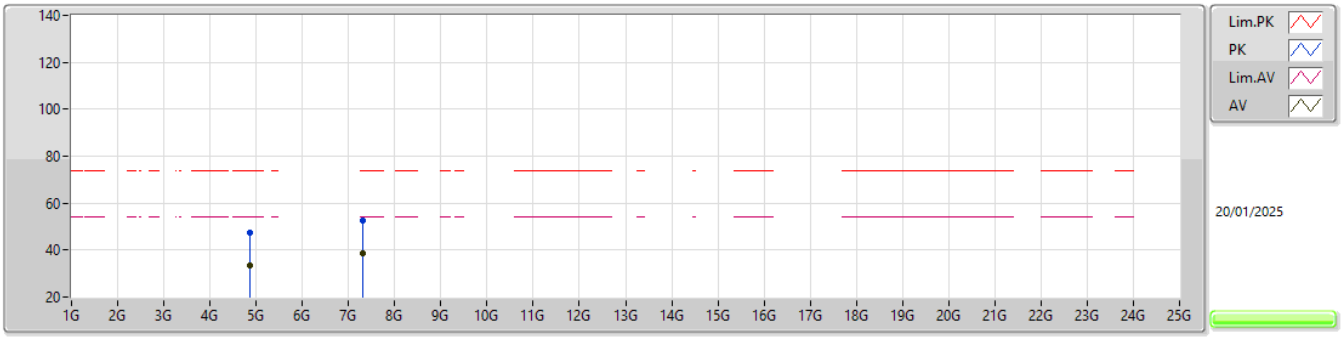


EUT X_1TX
Setting 16
02-R-G-5

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	4.8725G	47.58	74.00	-26.42	38.53	3	Vertical	347	1.80	-	33.24	6.81	31.00
AV	4.86944G	33.53	54.00	-20.47	24.48	3	Vertical	347	1.80	-	33.24	6.81	31.00
PK	7.30746G	52.29	74.00	-21.71	37.92	3	Vertical	81	1.20	-	36.43	9.37	31.43
AV	7.31154G	38.88	54.00	-15.12	24.49	3	Vertical	81	1.20	-	36.45	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

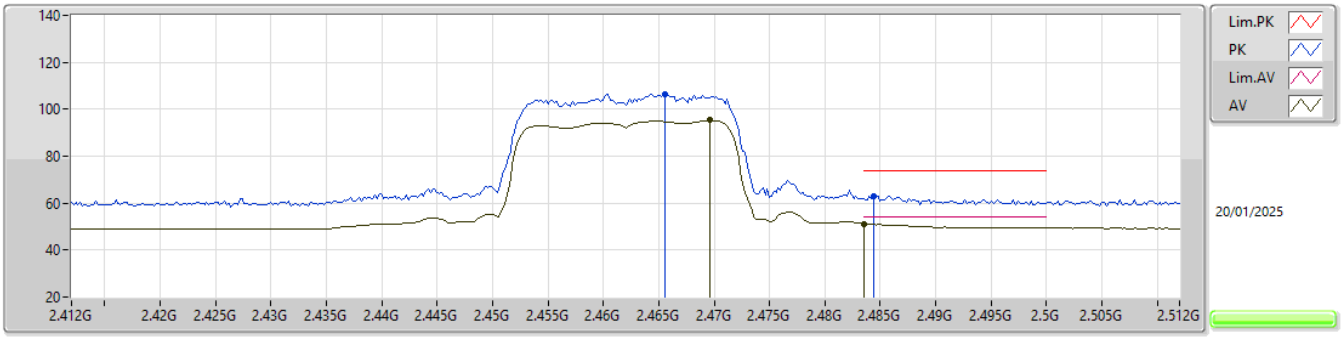


EUT X_1TX
Setting 16
02-R-G-5

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	4.87112G	47.39	74.00	-26.61	38.34	3	Horizontal	283	2.76	-	33.24	6.81	31.00
AV	4.87034G	33.48	54.00	-20.52	24.43	3	Horizontal	283	2.76	-	33.24	6.81	31.00
PK	7.30976G	52.47	74.00	-21.53	38.09	3	Horizontal	125	1.80	-	36.44	9.37	31.43
AV	7.31118G	38.85	54.00	-15.15	24.47	3	Horizontal	125	1.80	-	36.44	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

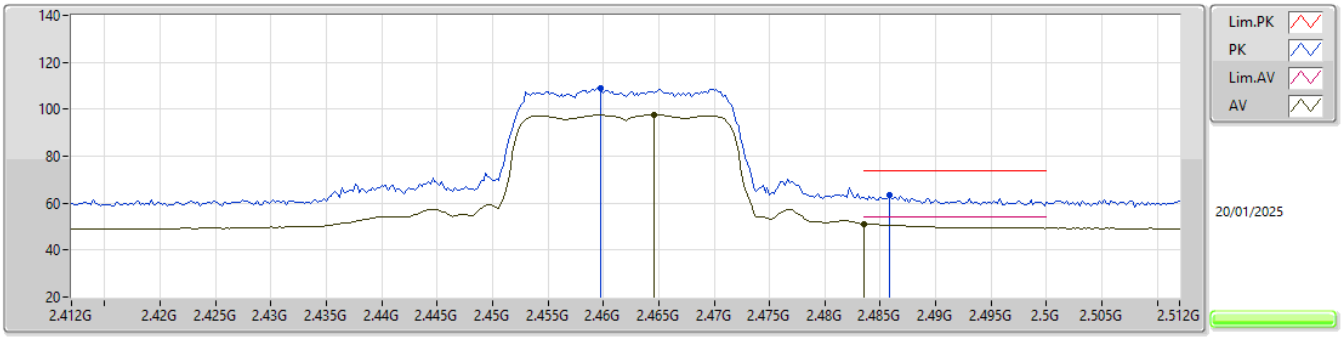


EUT X_1TX
Setting 16
02-R-G-5

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	2.4656G	106.22	Inf	-Inf	73.64	3	Vertical	354	1.83	-	28.46	4.12	-
AV	2.4696G	95.27	Inf	-Inf	62.65	3	Vertical	354	1.83	-	28.50	4.12	-
PK	2.4844G	62.75	74.00	-11.25	30.02	3	Vertical	354	1.83	-	28.60	4.13	-
AV	2.4835G	51.24	54.00	-2.76	18.51	3	Vertical	354	1.83	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

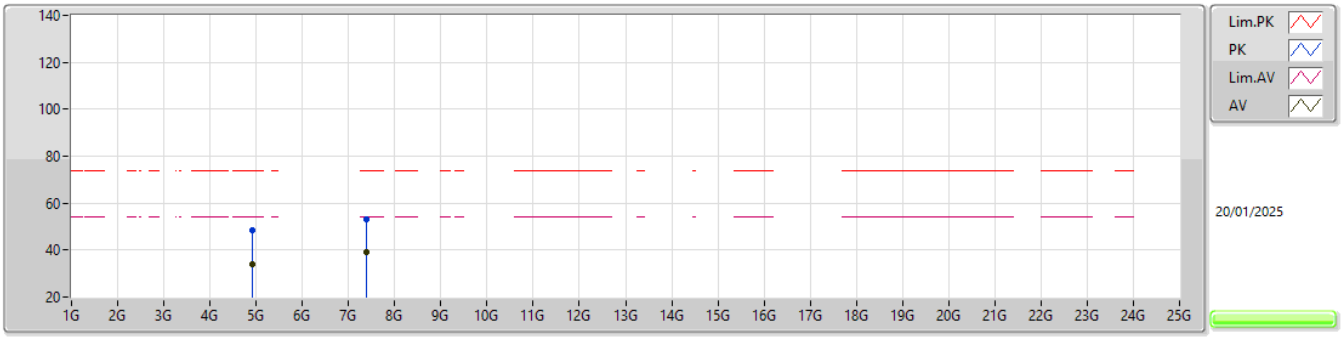


EUT X_1TX
Setting 16
02-R-G-5

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	2.4598G	109.19	Inf	-Inf	76.68	3	Horizontal	8	1.17	-	28.40	4.11	-
AV	2.4646G	97.75	Inf	-Inf	65.18	3	Horizontal	8	1.17	-	28.45	4.12	-
PK	2.4858G	63.66	74.00	-10.34	30.93	3	Horizontal	8	1.17	-	28.60	4.13	-
AV	2.4835G	51.24	54.00	-2.76	18.51	3	Horizontal	8	1.17	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

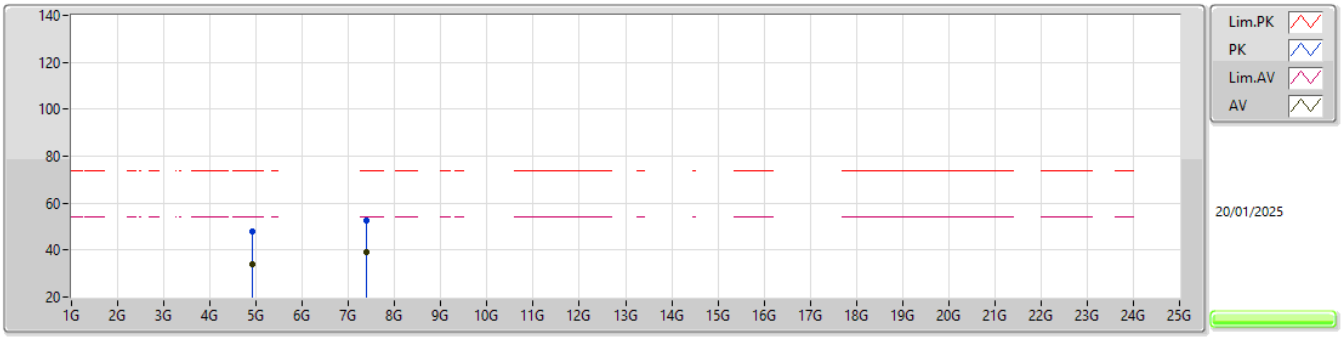


EUT X_1TX
Setting 16
02-R-G-5

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	4.92094G	48.33	74.00	-25.67	39.16	3	Vertical	193	1.70	-	33.34	6.84	31.01
AV	4.92348G	33.79	54.00	-20.21	24.61	3	Vertical	193	1.70	-	33.35	6.84	31.01
PK	7.38794G	52.98	74.00	-21.02	38.44	3	Vertical	342	1.03	-	36.60	9.37	31.43
AV	7.38368G	39.16	54.00	-14.84	24.62	3	Vertical	342	1.03	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT X_1TX
Setting 16
02-R-G-5

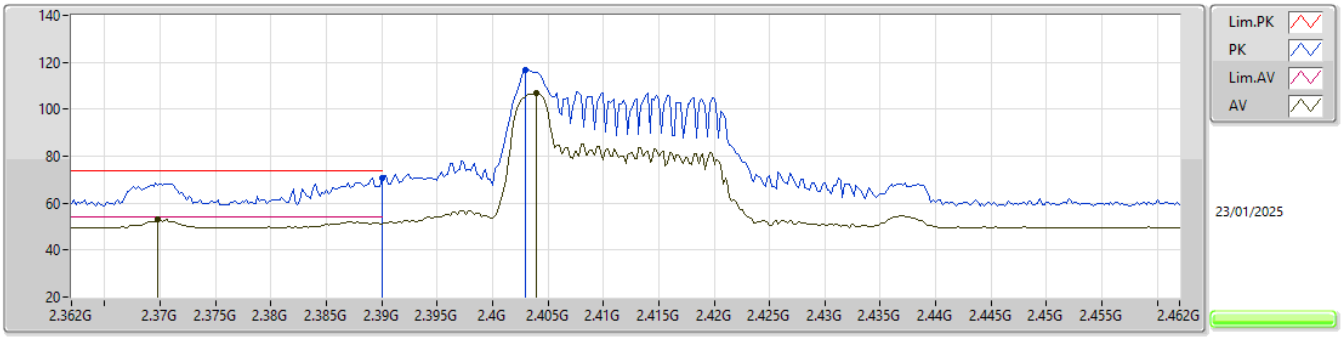
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92684G	47.80	74.00	-26.20	38.62	3	Horizontal	311	2.01	-	33.35	6.84	31.01
AV	4.92136G	33.77	54.00	-20.23	24.60	3	Horizontal	311	2.01	-	33.34	6.84	31.01
PK	7.38982G	52.81	74.00	-21.19	38.27	3	Horizontal	283	2.52	-	36.60	9.37	31.43
AV	7.38396G	39.06	54.00	-14.94	24.52	3	Horizontal	283	2.52	-	36.60	9.37	31.43

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 HEW20_Nss1,(MCS0),RU 26_1TX	Pass	AV	2.3698G	52.86	54.00	-1.14	3	Vertical	249	1.89	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

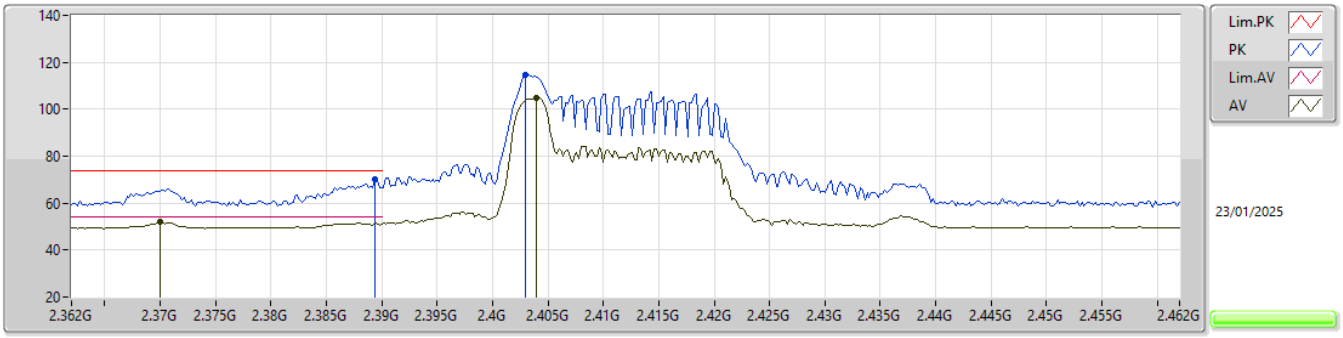


EUT Y_4TX
Setting 16
02-R-B-5

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	2.39G	70.93	74.00	-3.07	38.37	3	Vertical	249	1.89	-	28.50	4.06	-
AV	2.3698G	52.86	54.00	-1.14	20.41	3	Vertical	249	1.89	-	28.40	4.05	-
PK	2.403G	116.84	Inf	-Inf	84.30	3	Vertical	249	1.89	-	28.47	4.07	-
AV	2.404G	106.68	Inf	-Inf	74.15	3	Vertical	249	1.89	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

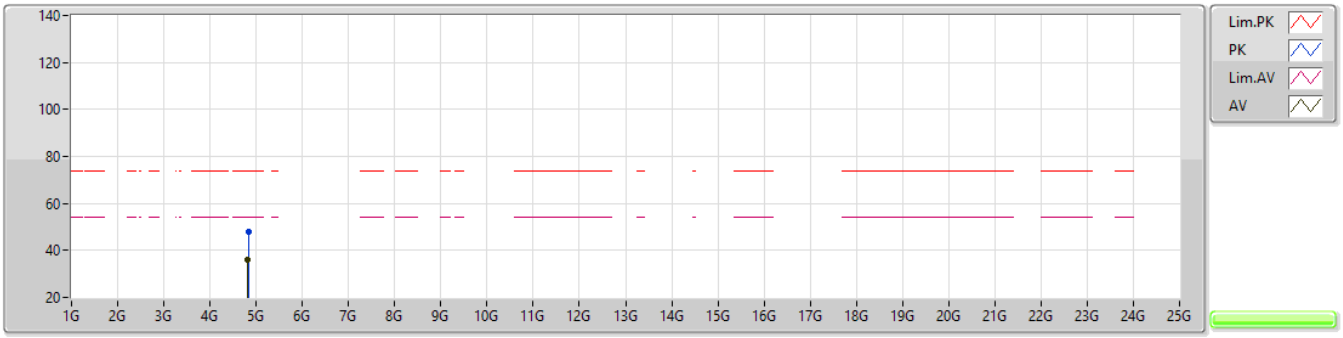


EUT Y_4TX
Setting 16
02-R-B-5

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	2.3894G	69.93	74.00	-4.07	37.38	3	Horizontal	324	1.83	-	28.49	4.06	-
AV	2.37G	51.84	54.00	-2.16	19.39	3	Horizontal	324	1.83	-	28.40	4.05	-
PK	2.403G	114.90	Inf	-Inf	82.36	3	Horizontal	324	1.83	-	28.47	4.07	-
AV	2.404G	104.84	Inf	-Inf	72.31	3	Horizontal	324	1.83	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

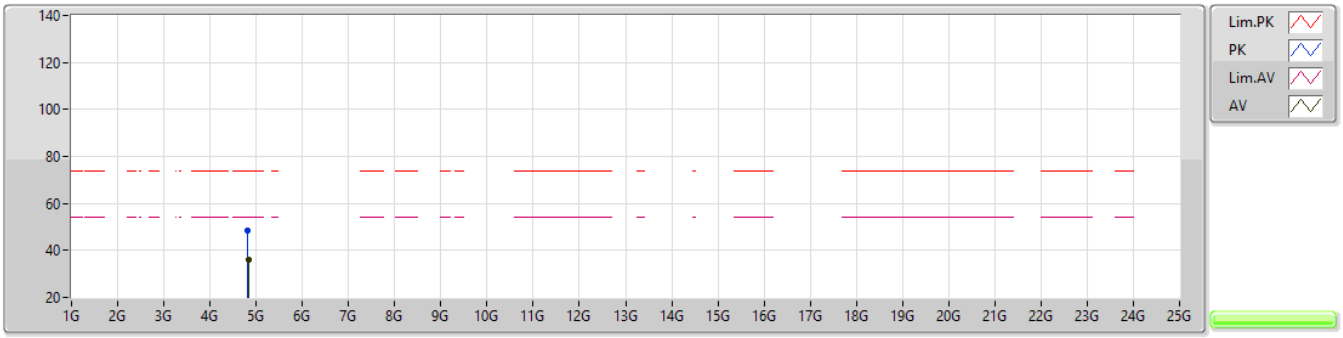


EUT Y_4TX
Setting 16
02-R-B-5

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	4.82512G	47.87	74.00	-26.13	38.94	3	Vertical	151	1.18	-	33.15	6.78	31.00
AV	4.82412G	36.28	54.00	-17.72	27.35	3	Vertical	151	1.18	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

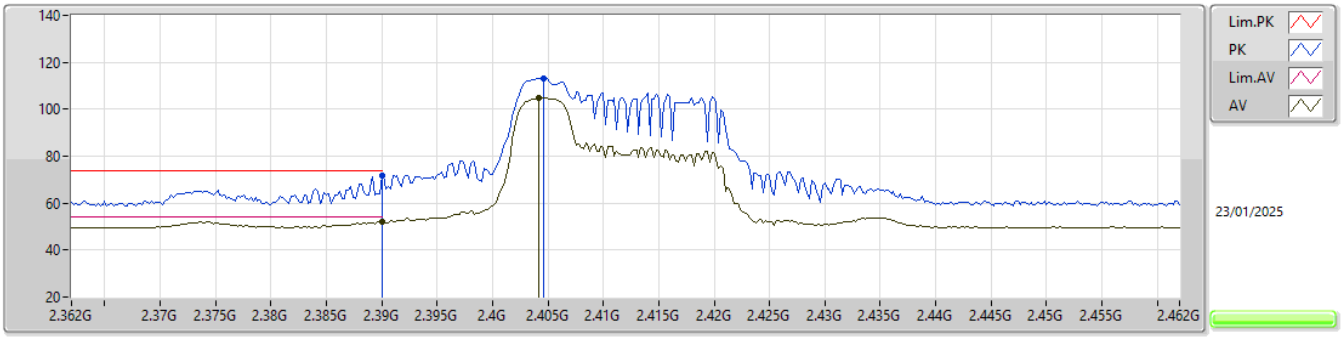


EUT Y_4TX
Setting 16
02-R-B-5

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	4.82246G	48.38	74.00	-25.62	39.46	3	Horizontal	260	1.92	-	33.14	6.78	31.00
AV	4.82886G	36.21	54.00	-17.79	27.26	3	Horizontal	260	1.92	-	33.16	6.79	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

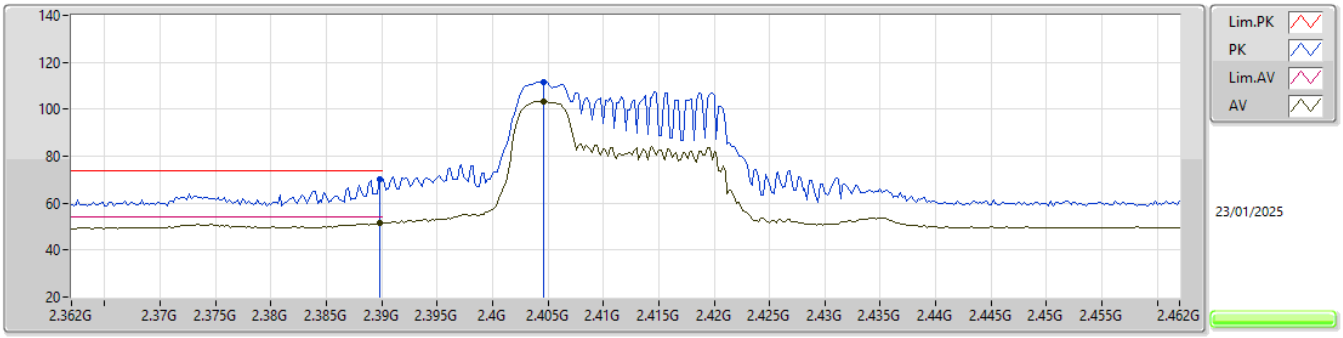


EUT Y_4TX
Setting 16
02-R-B-5

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	2.39G	71.47	74.00	-2.53	38.91	3	Vertical	248	1.90	-	28.50	4.06	-
AV	2.39G	52.21	54.00	-1.79	19.65	3	Vertical	248	1.90	-	28.50	4.06	-
PK	2.4046G	113.10	Inf	-Inf	80.58	3	Vertical	248	1.90	-	28.45	4.07	-
AV	2.4042G	104.91	Inf	-Inf	72.38	3	Vertical	248	1.90	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

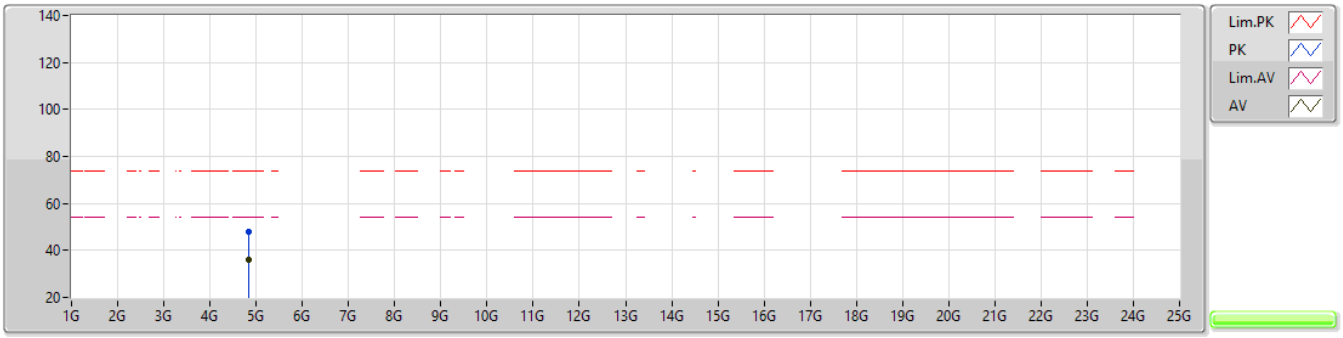


EUT Y_4TX
Setting 16
02-R-B-5

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	2.3898G	70.24	74.00	-3.76	37.68	3	Horizontal	320	2.02	-	28.50	4.06	-
AV	2.3898G	51.55	54.00	-2.45	18.99	3	Horizontal	320	2.02	-	28.50	4.06	-
PK	2.4046G	111.71	Inf	-Inf	79.19	3	Horizontal	320	2.02	-	28.45	4.07	-
AV	2.4046G	103.35	Inf	-Inf	70.83	3	Horizontal	320	2.02	-	28.45	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

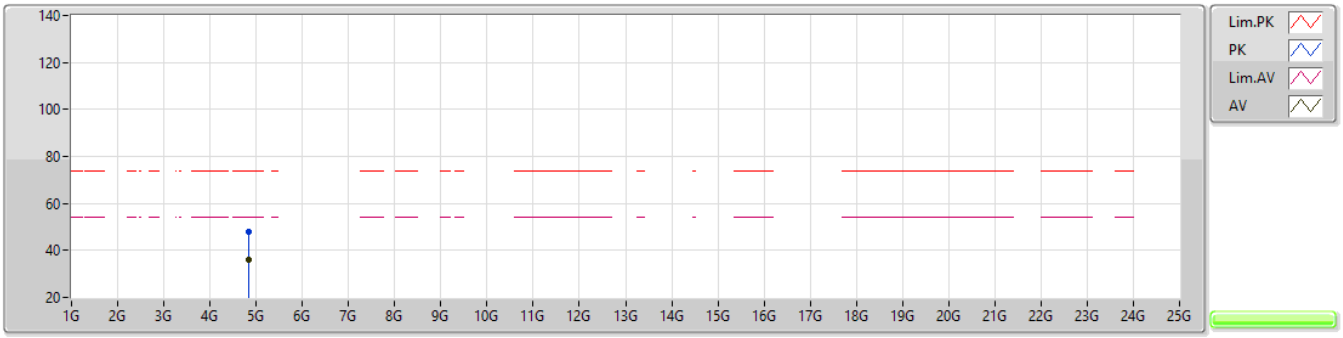


EUT Y_4TX
Setting 16
02-R-B-5

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	4.8268G	48.05	74.00	-25.95	39.12	3	Vertical	237	2.23	-	33.15	6.78	31.00
AV	4.82576G	36.07	54.00	-17.93	27.14	3	Vertical	237	2.23	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

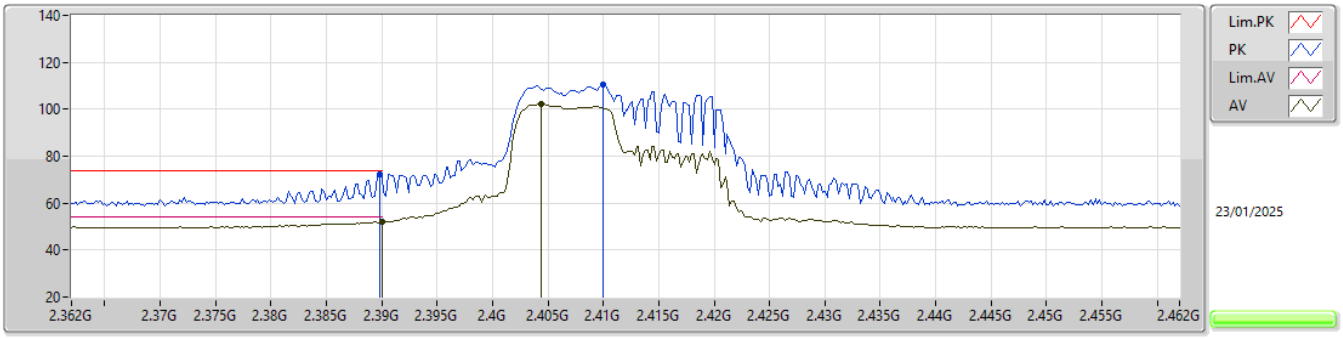


EUT Y_4TX
Setting 16
02-R-B-5

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	4.82504G	47.84	74.00	-26.16	38.91	3	Horizontal	179	1.12	-	33.15	6.78	31.00
AV	4.82624G	36.29	54.00	-17.71	27.36	3	Horizontal	179	1.12	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

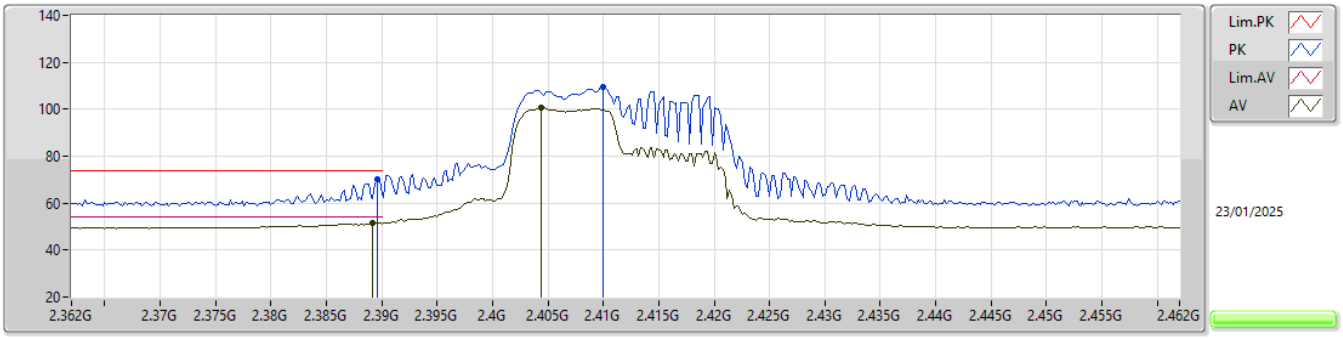


EUT Y_4TX
Setting 16
02-R-B-5

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	2.3898G	72.09	74.00	-1.91	39.53	3	Vertical	248	1.89	-	28.50	4.06	-
AV	2.39G	52.21	54.00	-1.79	19.65	3	Vertical	248	1.89	-	28.50	4.06	-
PK	2.41G	110.32	Inf	-Inf	77.84	3	Vertical	248	1.89	-	28.40	4.08	-
AV	2.4044G	102.32	Inf	-Inf	69.79	3	Vertical	248	1.89	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

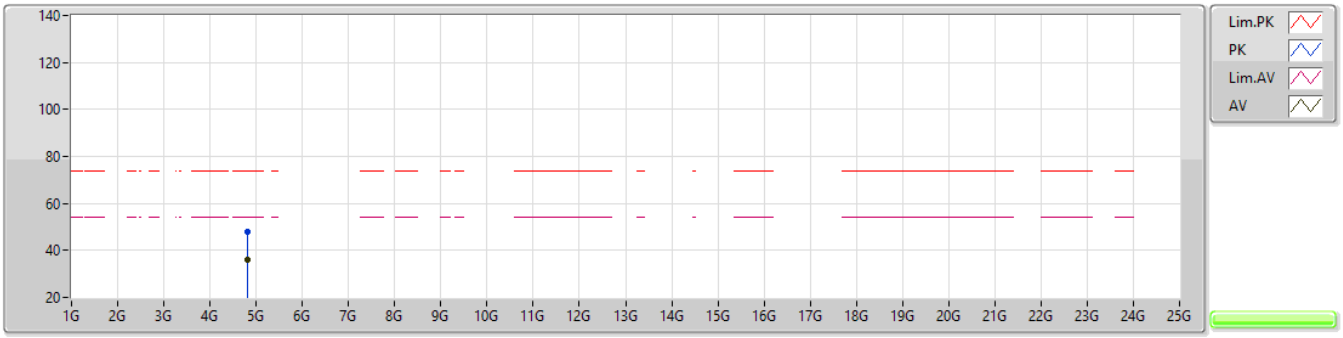


EUT Y_4TX
Setting 16
02-R-B-5

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	2.3896G	70.37	74.00	-3.63	37.81	3	Horizontal	324	1.84	-	28.50	4.06	-
AV	2.3892G	51.54	54.00	-2.46	18.99	3	Horizontal	324	1.84	-	28.49	4.06	-
PK	2.41G	109.53	Inf	-Inf	77.05	3	Horizontal	324	1.84	-	28.40	4.08	-
AV	2.4044G	100.62	Inf	-Inf	68.09	3	Horizontal	324	1.84	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

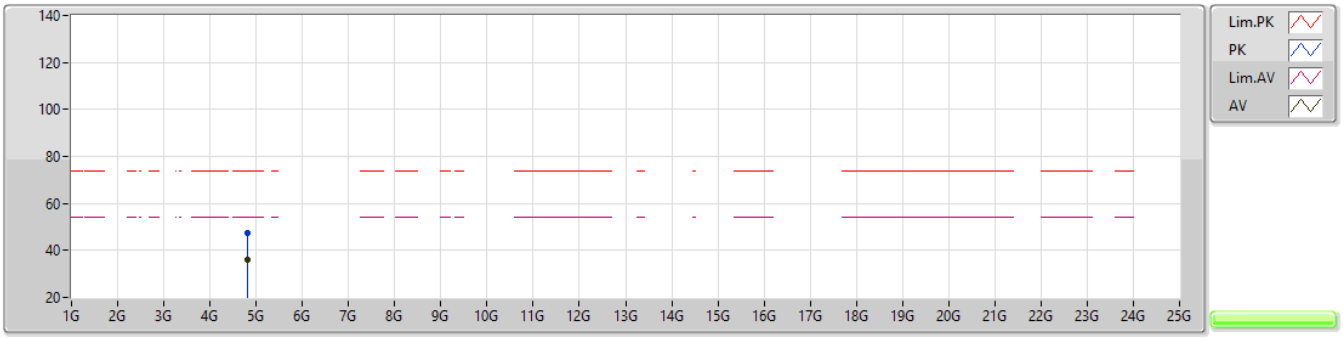


EUT Y_4TX
Setting 16
02-R-B-5

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	4.81992G	47.99	74.00	-26.01	39.07	3	Vertical	285	2.47	-	33.14	6.78	31.00
AV	4.82414G	36.28	54.00	-17.72	27.35	3	Vertical	285	2.47	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

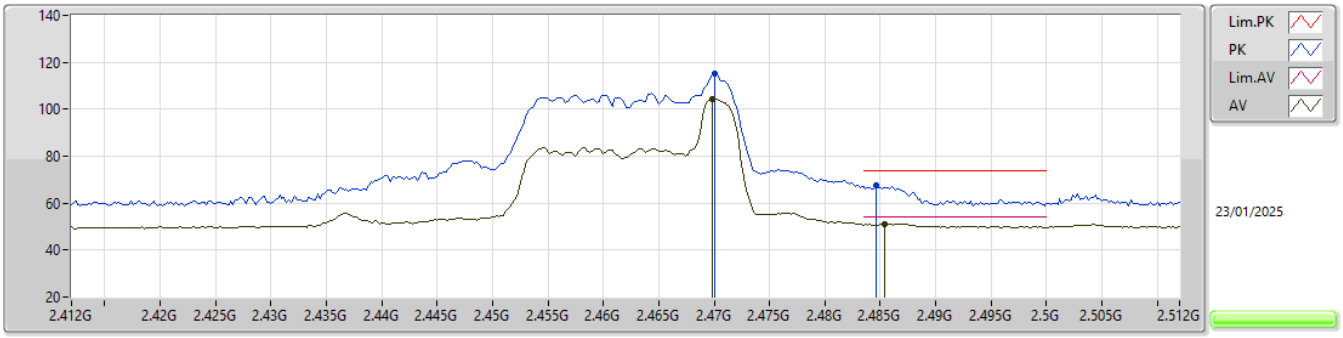


EUT Y_4TX
Setting 16
02-R-B-5

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	4.82164G	47.62	74.00	-26.38	38.70	3	Horizontal	157	2.14	-	33.14	6.78	31.00
AV	4.82324G	36.28	54.00	-17.72	27.35	3	Horizontal	157	2.14	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

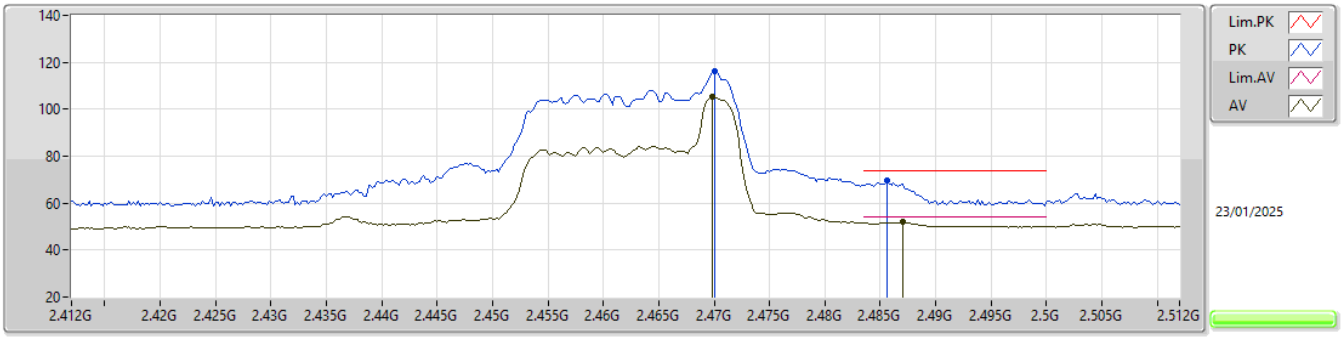


EUT Y_4TX
Setting 16
02-R-B-5

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	2.47G	115.24	Inf	-Inf	82.62	3	Vertical	244	1.98	-	28.50	4.12	-
AV	2.4698G	104.36	Inf	-Inf	71.74	3	Vertical	244	1.98	-	28.50	4.12	-
PK	2.4846G	67.52	74.00	-6.48	34.79	3	Vertical	244	1.98	-	28.60	4.13	-
AV	2.4854G	51.09	54.00	-2.91	18.36	3	Vertical	244	1.98	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

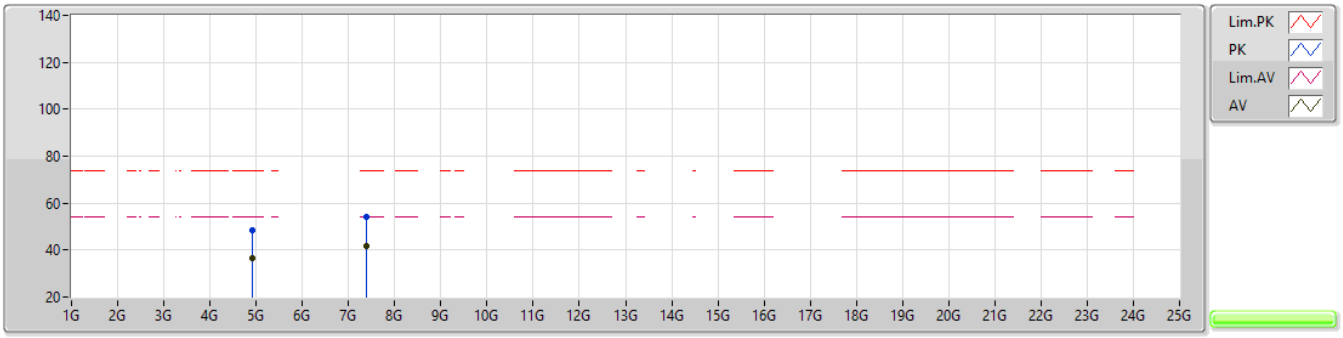


EUT Y_4TX
Setting 16
02-R-B-5

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	2.47G	115.95	Inf	-Inf	83.33	3	Horizontal	336	2.62	-	28.50	4.12	-
AV	2.4698G	105.11	Inf	-Inf	72.49	3	Horizontal	336	2.62	-	28.50	4.12	-
PK	2.4856G	69.54	74.00	-4.46	36.81	3	Horizontal	336	2.62	-	28.60	4.13	-
AV	2.487G	51.82	54.00	-2.18	19.08	3	Horizontal	336	2.62	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

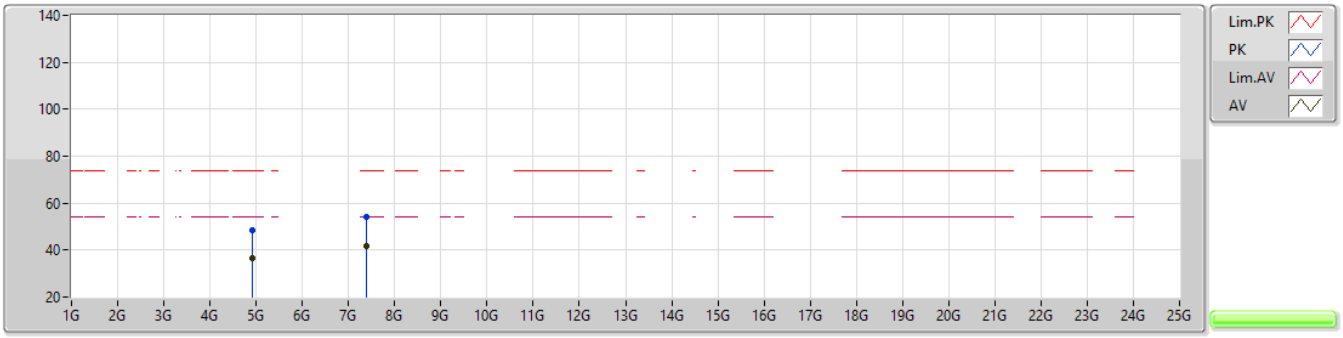


EUT Y_4TX
Setting 16
02-R-B-5

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	4.92062G	48.48	74.00	-25.52	39.31	3	Vertical	104	1.95	-	33.34	6.84	31.01
AV	4.92556G	36.46	54.00	-17.54	27.28	3	Vertical	104	1.95	-	33.35	6.84	31.01
PK	7.38124G	54.04	74.00	-19.96	39.50	3	Vertical	205	1.18	-	36.60	9.37	31.43
AV	7.38806G	41.92	54.00	-12.08	27.38	3	Vertical	205	1.18	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

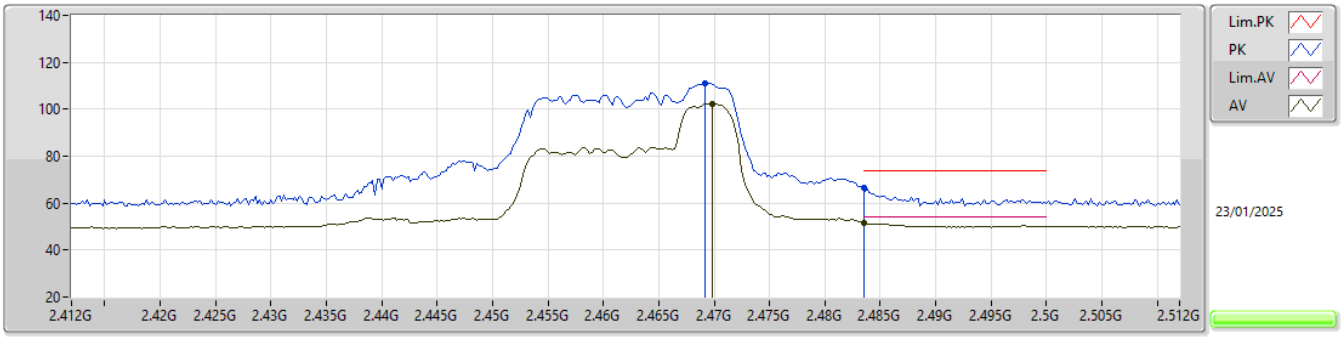


EUT Y_4TX
Setting 16
02-R-B-5

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	4.92158G	48.62	74.00	-25.38	39.45	3	Horizontal	109	1.45	-	33.34	6.84	31.01
AV	4.9221G	36.45	54.00	-17.55	27.28	3	Horizontal	109	1.45	-	33.34	6.84	31.01
PK	7.38278G	54.01	74.00	-19.99	39.47	3	Horizontal	305	1.34	-	36.60	9.37	31.43
AV	7.38174G	41.97	54.00	-12.03	27.43	3	Horizontal	305	1.34	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

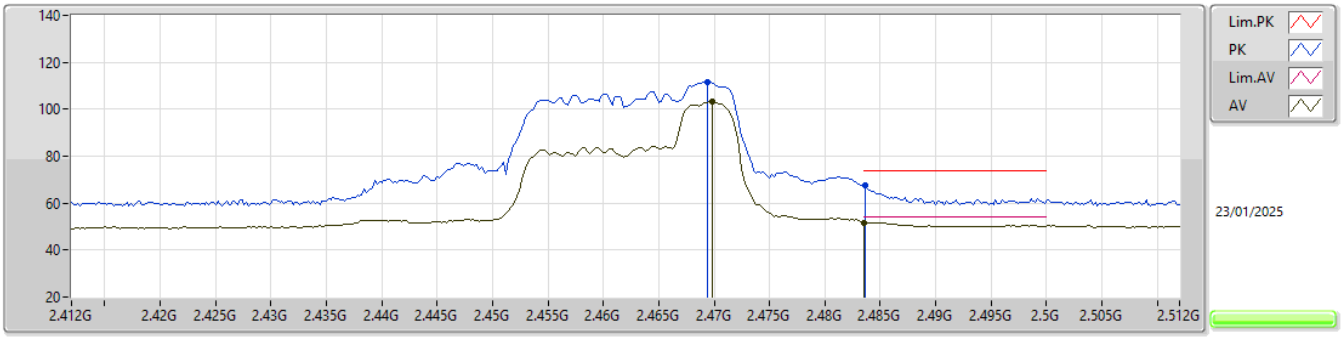


EUT Y_4TX
Setting 16
02-R-B-5

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	2.4692G	111.06	Inf	-Inf	78.45	3	Vertical	244	1.97	-	28.49	4.12	-
AV	2.4698G	102.48	Inf	-Inf	69.86	3	Vertical	244	1.97	-	28.50	4.12	-
PK	2.4835G	66.66	74.00	-7.34	33.93	3	Vertical	244	1.97	-	28.60	4.13	-
AV	2.4835G	51.34	54.00	-2.66	18.61	3	Vertical	244	1.97	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

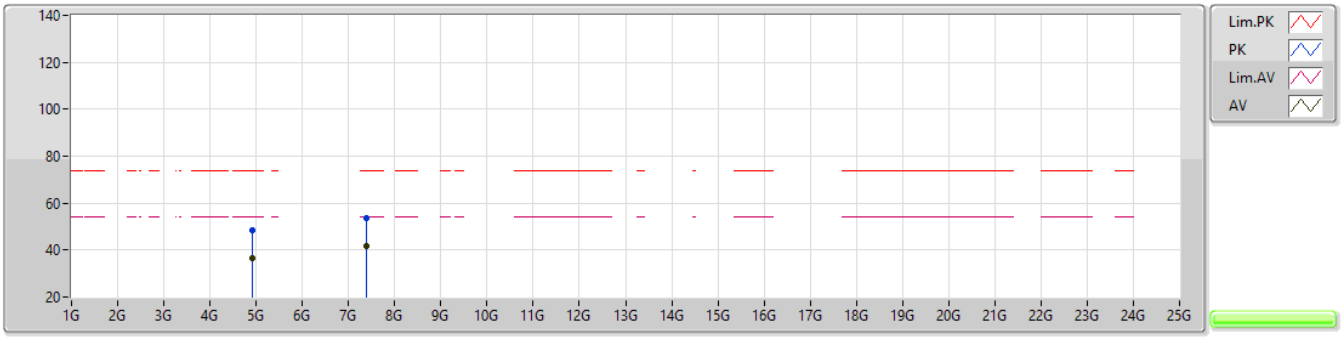


EUT Y_4TX
Setting 16
02-R-B-5

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	2.4694G	111.66	Inf	-Inf	79.05	3	Horizontal	335	2.63	-	28.49	4.12	-
AV	2.4698G	103.05	Inf	-Inf	70.43	3	Horizontal	335	2.63	-	28.50	4.12	-
PK	2.4836G	67.33	74.00	-6.67	34.60	3	Horizontal	335	2.63	-	28.60	4.13	-
AV	2.4835G	51.81	54.00	-2.19	19.08	3	Horizontal	335	2.63	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

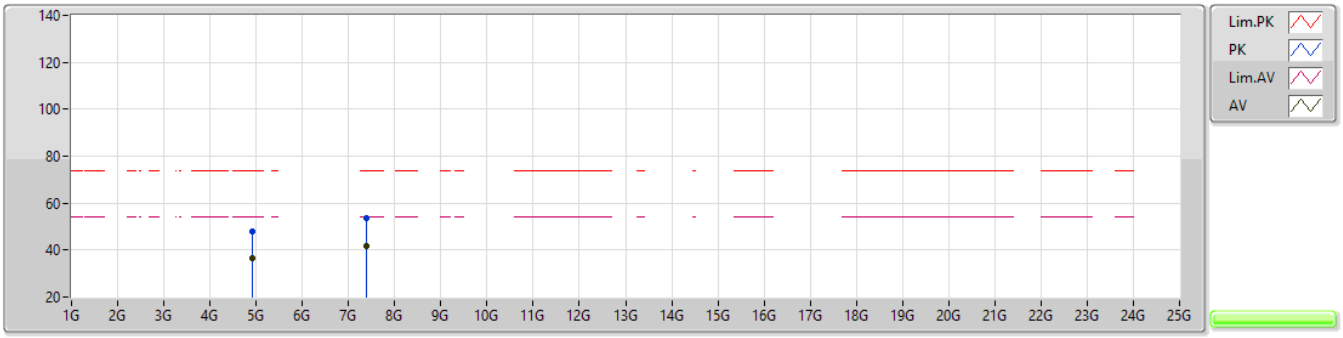


EUT Y_4TX
Setting 16
02-R-B-5

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	4.9248G	48.29	74.00	-25.71	39.11	3	Vertical	1	1.46	-	33.35	6.84	31.01
AV	4.92414G	36.57	54.00	-17.43	27.39	3	Vertical	1	1.46	-	33.35	6.84	31.01
PK	7.39064G	53.61	74.00	-20.39	39.07	3	Vertical	14	1.15	-	36.60	9.37	31.43
AV	7.38554G	41.91	54.00	-12.09	27.37	3	Vertical	14	1.15	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

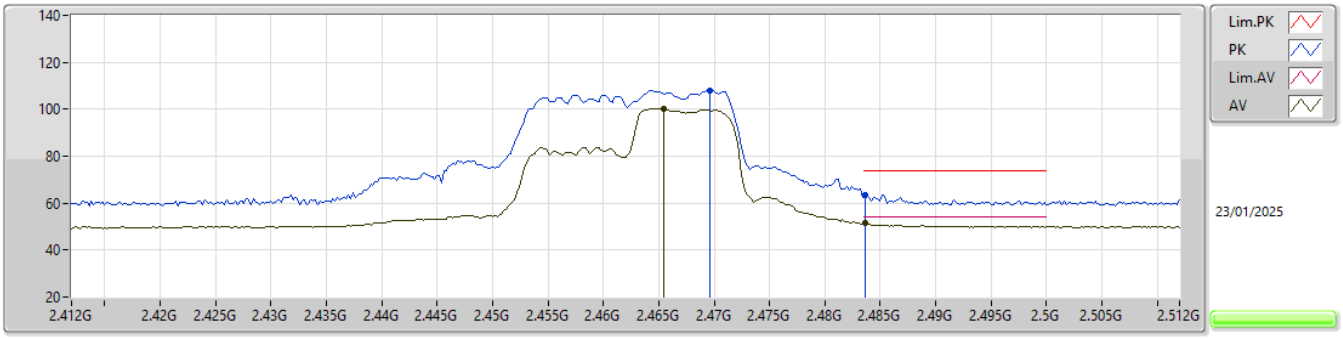


EUT Y_4TX
Setting 16
02-R-B-5

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	4.9196G	48.16	74.00	-25.84	38.99	3	Horizontal	259	2.81	-	33.34	6.84	31.01
AV	4.92426G	36.57	54.00	-17.43	27.39	3	Horizontal	259	2.81	-	33.35	6.84	31.01
PK	7.38498G	53.59	74.00	-20.41	39.05	3	Horizontal	63	2.03	-	36.60	9.37	31.43
AV	7.38902G	41.92	54.00	-12.08	27.38	3	Horizontal	63	2.03	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX

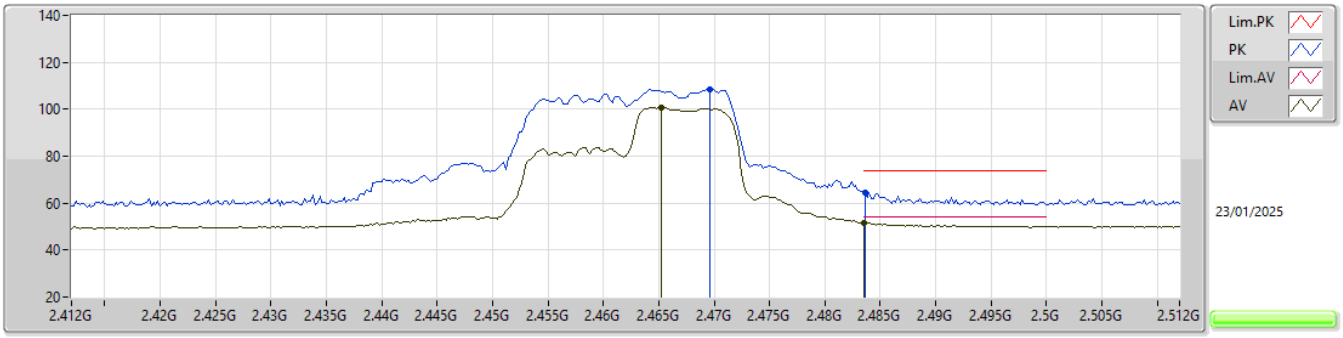


EUT Y_4TX
Setting 16
02-R-B-5

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	2.4696G	108.07	Inf	-Inf	75.45	3	Vertical	244	1.96	-	28.50	4.12	-
AV	2.4654G	100.33	Inf	-Inf	67.76	3	Vertical	244	1.96	-	28.45	4.12	-
PK	2.4836G	63.64	74.00	-10.36	30.91	3	Vertical	244	1.96	-	28.60	4.13	-
AV	2.4836G	51.34	54.00	-2.66	18.61	3	Vertical	244	1.96	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX

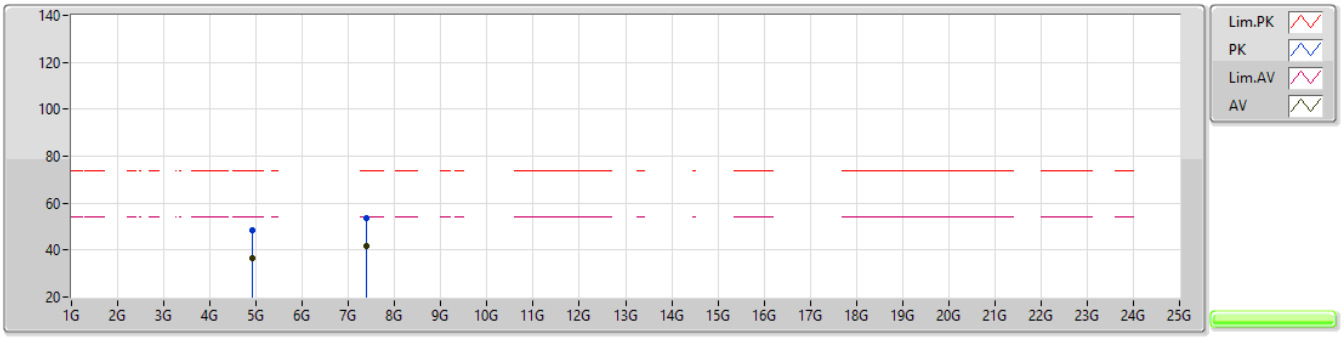


EUT Y_4TX
Setting 16
02-R-B-5

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	2.4696G	108.66	Inf	-Inf	76.04	3	Horizontal	335	2.63	-	28.50	4.12	-
AV	2.4652G	100.85	Inf	-Inf	68.28	3	Horizontal	335	2.63	-	28.45	4.12	-
PK	2.4836G	64.58	74.00	-9.42	31.85	3	Horizontal	335	2.63	-	28.60	4.13	-
AV	2.4835G	51.57	54.00	-2.43	18.84	3	Horizontal	335	2.63	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX

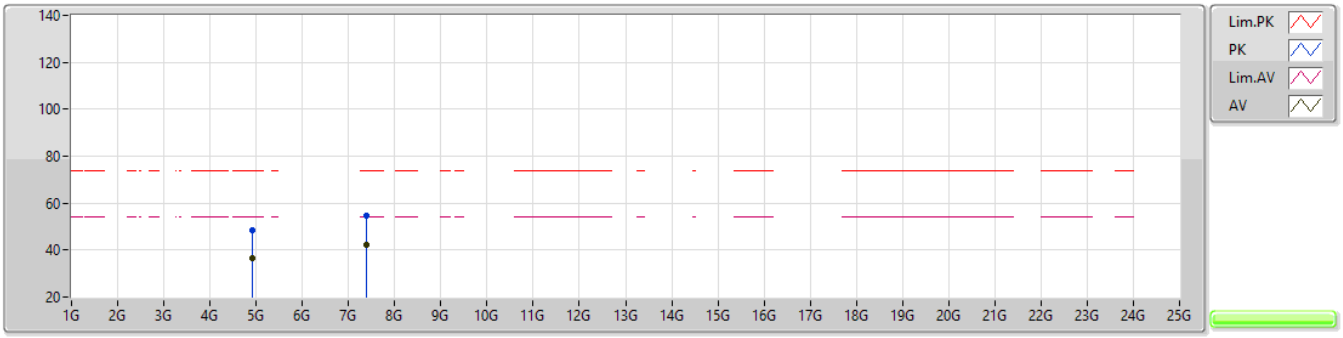


EUT Y_4TX
Setting 16
02-R-B-5

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	4.92786G	48.54	74.00	-25.46	39.35	3	Vertical	174	1.98	-	33.36	6.84	31.01
AV	4.92406G	36.68	54.00	-17.32	27.50	3	Vertical	174	1.98	-	33.35	6.84	31.01
PK	7.38634G	53.52	74.00	-20.48	38.98	3	Vertical	64	2.57	-	36.60	9.37	31.43
AV	7.38208G	41.82	54.00	-12.18	27.28	3	Vertical	64	2.57	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX



EUT Y_4TX
Setting 16
02-R-B-5

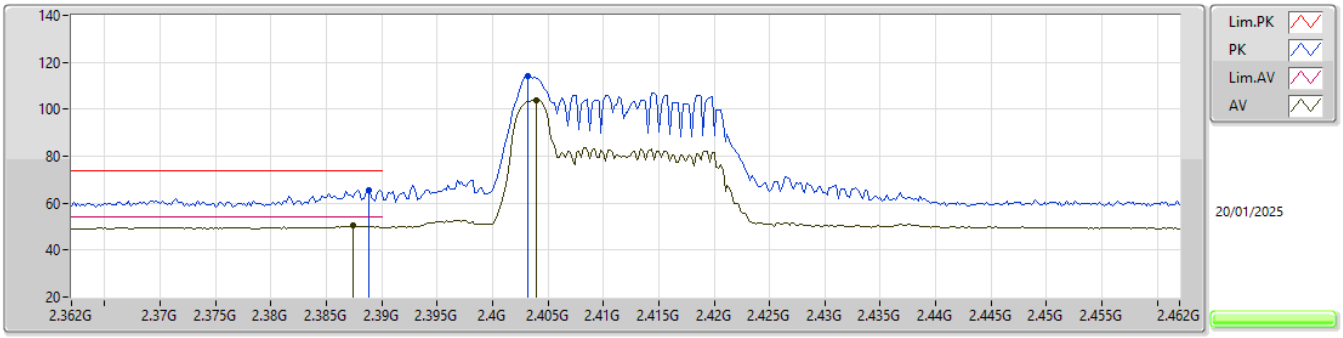
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92404G	48.49	74.00	-25.51	39.31	3	Horizontal	45	2.31	-	33.35	6.84	31.01
AV	4.9267G	36.58	54.00	-17.42	27.40	3	Horizontal	45	2.31	-	33.35	6.84	31.01
PK	7.38936G	54.51	74.00	-19.49	39.97	3	Horizontal	257	2.62	-	36.60	9.37	31.43
AV	7.38478G	42.19	54.00	-11.81	27.65	3	Horizontal	257	2.62	-	36.60	9.37	31.43

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 HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX	Pass	AV	2.4835G	52.99	54.00	-1.01	3	Horizontal	23	2.85	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

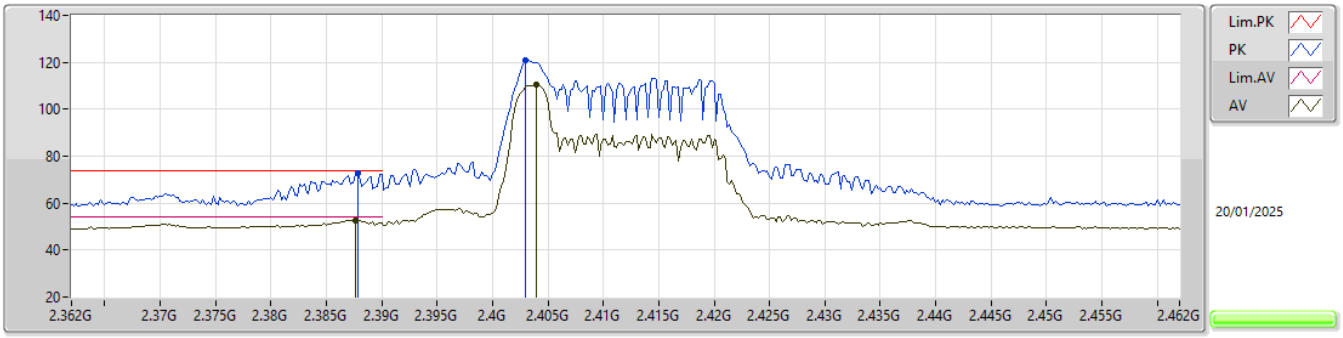


EUT X_1TX
Setting 18.5
02-R-G-5

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	2.3888G	65.44	74.00	-8.56	32.89	3	Vertical	17	2.41	-	28.49	4.06	-
AV	2.3874G	50.46	54.00	-3.54	17.93	3	Vertical	17	2.41	-	28.47	4.06	-
PK	2.4032G	114.12	Inf	-Inf	81.58	3	Vertical	17	2.41	-	28.47	4.07	-
AV	2.404G	103.97	Inf	-Inf	71.44	3	Vertical	17	2.41	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

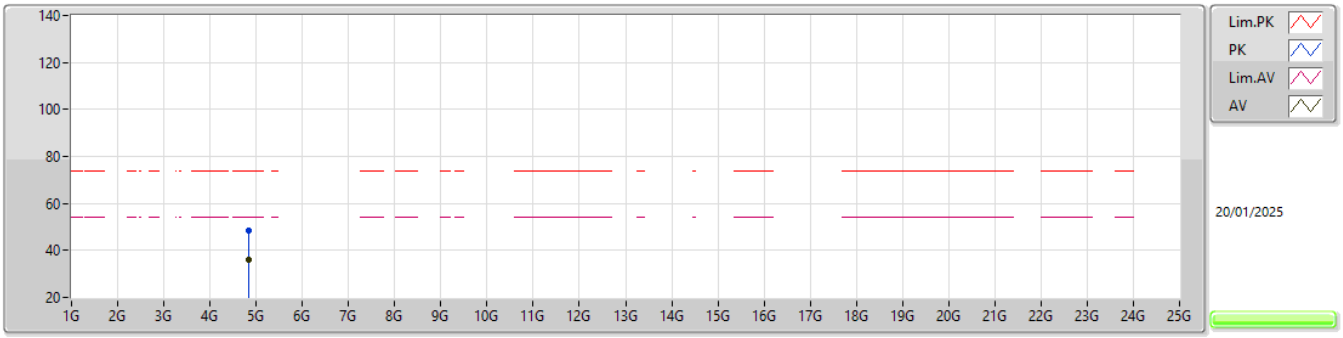


EUT X_1TX
Setting 18.5
02-R-G-5

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	2.3878G	72.79	74.00	-1.21	40.25	3	Horizontal	17	3.00	-	28.48	4.06	-
AV	2.3876G	52.71	54.00	-1.29	20.17	3	Horizontal	17	3.00	-	28.48	4.06	-
PK	2.403G	120.78	Inf	-Inf	88.24	3	Horizontal	17	3.00	-	28.47	4.07	-
AV	2.404G	110.48	Inf	-Inf	77.95	3	Horizontal	17	3.00	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

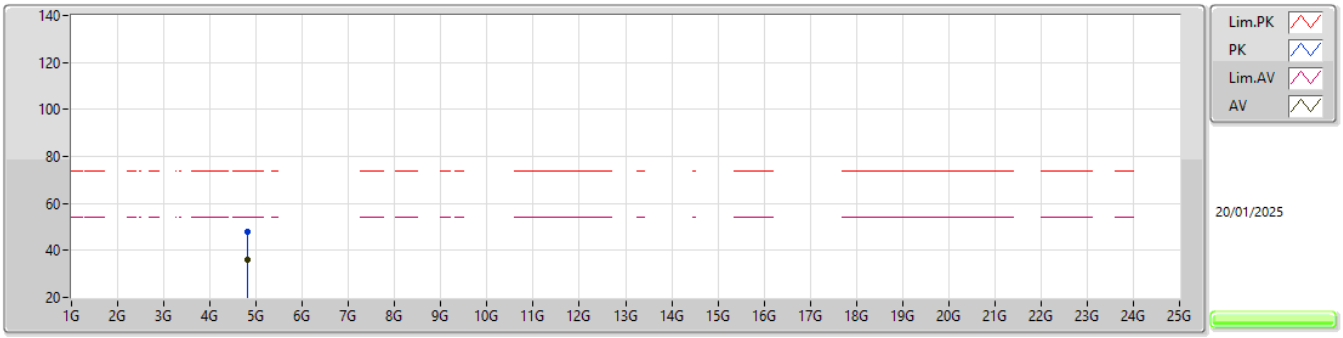


EUT X_1TX
Setting 18.5
02-R-G-5

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	4.83252G	48.31	74.00	-25.69	39.35	3	Vertical	155	1.80	-	33.17	6.79	31.00
AV	4.82656G	36.17	54.00	-17.83	27.24	3	Vertical	155	1.80	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 0_1TX

2412MHz_TX

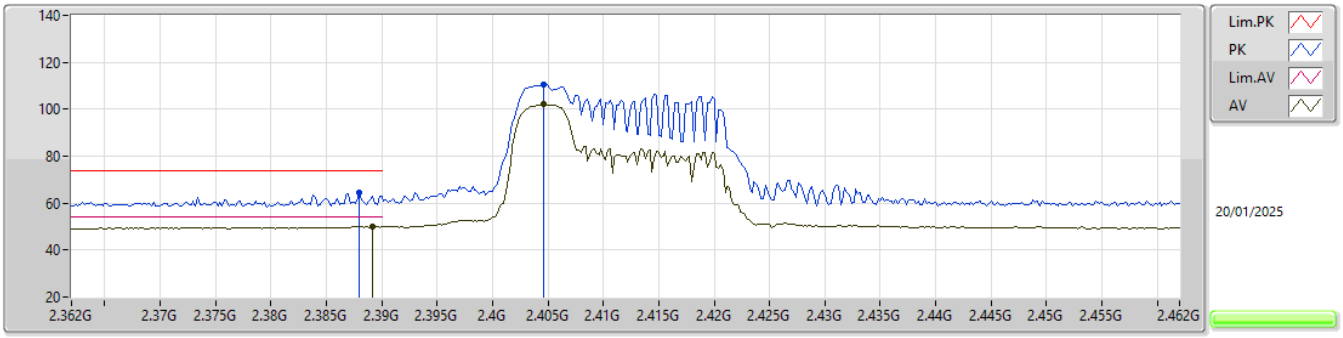


EUT X_1TX
Setting 18.5
02-R-G-5

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	4.81796G	48.06	74.00	-25.94	39.14	3	Horizontal	236	1.80	-	33.14	6.78	31.00
AV	4.82352G	36.05	54.00	-17.95	27.12	3	Horizontal	236	1.80	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

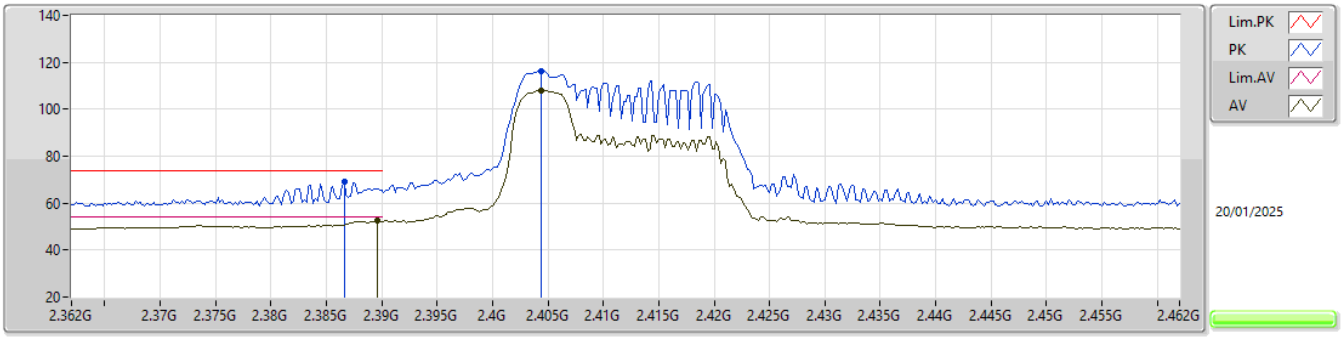


EUT X_1TX
Setting 18
02-R-G-5

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	2.388G	64.66	74.00	-9.34	32.12	3	Vertical	17	2.41	-	28.48	4.06	-
AV	2.3892G	50.22	54.00	-3.78	17.67	3	Vertical	17	2.41	-	28.49	4.06	-
PK	2.4046G	110.69	Inf	-Inf	78.17	3	Vertical	17	2.41	-	28.45	4.07	-
AV	2.4046G	102.04	Inf	-Inf	69.52	3	Vertical	17	2.41	-	28.45	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

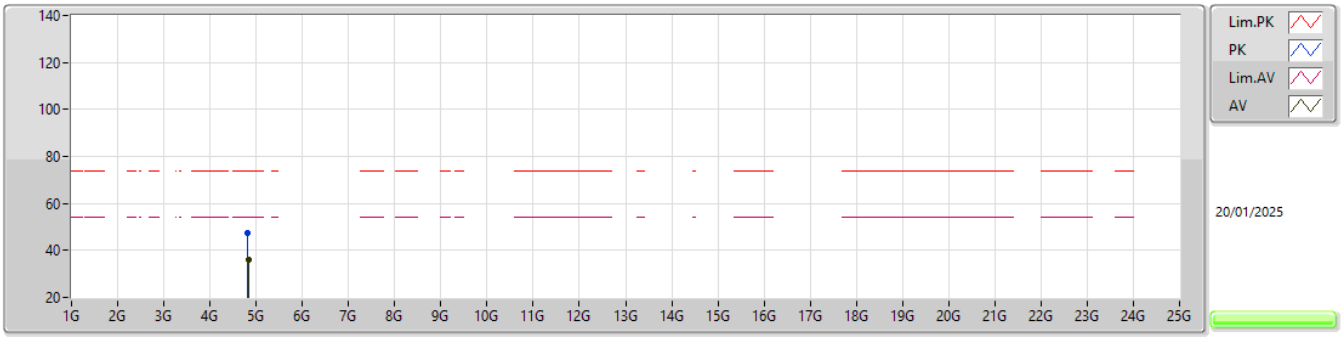


EUT X_1TX
Setting 18
02-R-G-5

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	2.3866G	69.01	74.00	-4.99	36.48	3	Horizontal	17	3.00	-	28.47	4.06	-
AV	2.3896G	52.33	54.00	-1.67	19.77	3	Horizontal	17	3.00	-	28.50	4.06	-
PK	2.4044G	116.24	Inf	-Inf	83.71	3	Horizontal	17	3.00	-	28.46	4.07	-
AV	2.4044G	108.09	Inf	-Inf	75.56	3	Horizontal	17	3.00	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

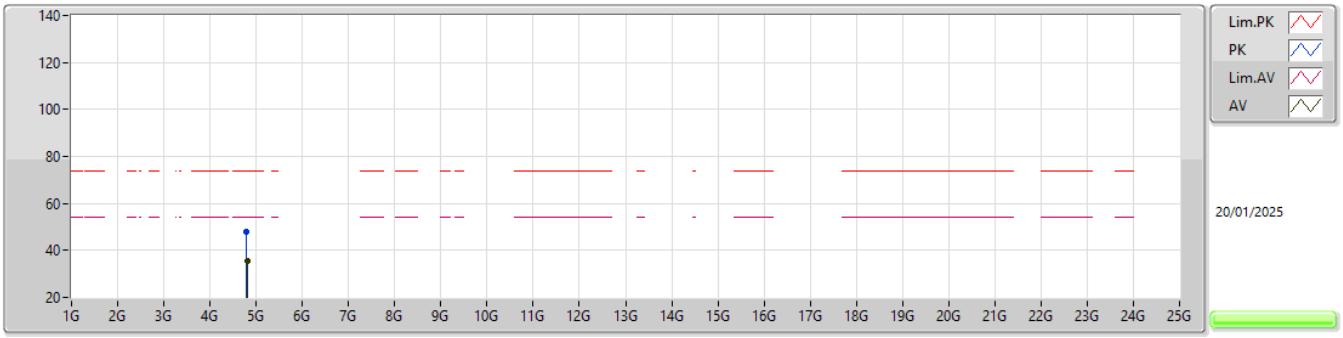


EUT X_1TX
Setting 18
02-R-G-5

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	4.8066G	47.62	74.00	-26.38	38.74	3	Vertical	97	2.00	-	33.11	6.77	31.00
AV	4.8434G	35.83	54.00	-18.17	26.85	3	Vertical	97	2.00	-	33.19	6.79	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 37_1TX

2412MHz_TX

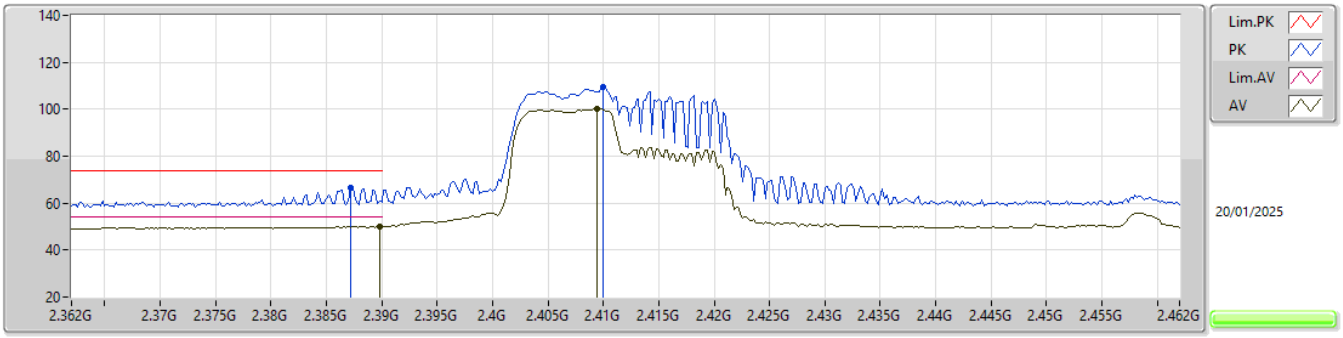


EUT X_1TX
Setting 18
02-R-G-5

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	4.78608G	47.80	74.00	-26.20	38.99	3	Horizontal	297	2.97	-	33.04	6.77	31.00
AV	4.82G	35.70	54.00	-18.30	26.78	3	Horizontal	297	2.97	-	33.14	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

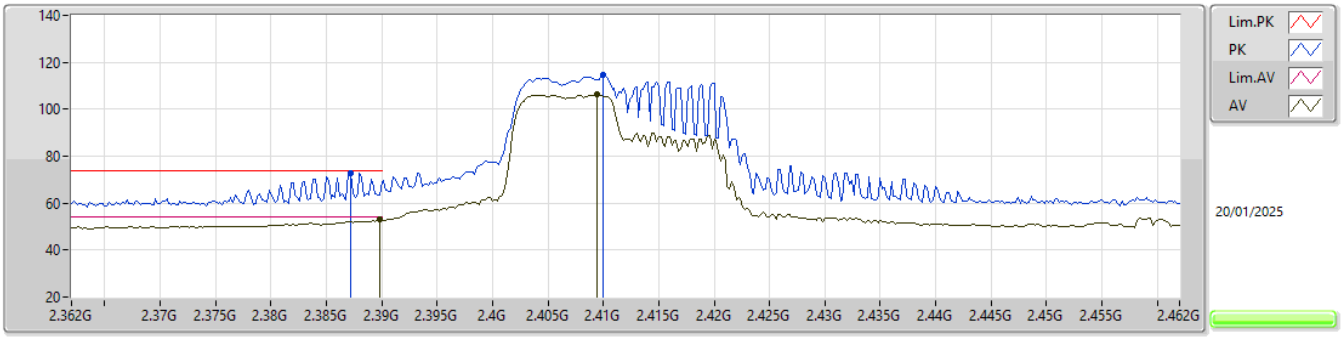


EUT X_1TX
Setting 18.5
02-R-G-5

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	2.3872G	66.76	74.00	-7.24	34.23	3	Vertical	17	2.42	-	28.47	4.06	-
AV	2.3898G	50.23	54.00	-3.77	17.67	3	Vertical	17	2.42	-	28.50	4.06	-
PK	2.41G	109.27	Inf	-Inf	76.79	3	Vertical	17	2.42	-	28.40	4.08	-
AV	2.4094G	100.34	Inf	-Inf	67.85	3	Vertical	17	2.42	-	28.41	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

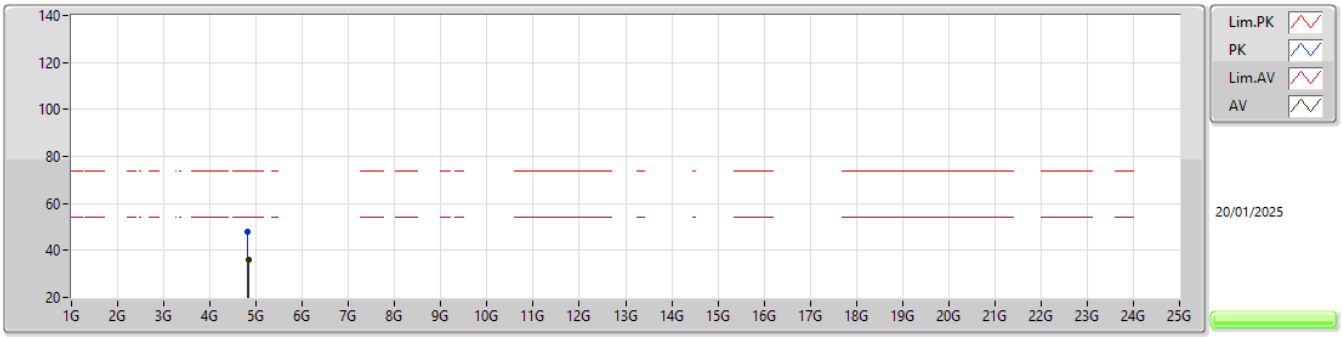


EUT X_1TX
Setting 18.5
02-R-G-5

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	2.3872G	72.91	74.00	-1.09	40.38	3	Horizontal	14	1.00	-	28.47	4.06	-
AV	2.3898G	52.93	54.00	-1.07	20.37	3	Horizontal	14	1.00	-	28.50	4.06	-
PK	2.41G	114.60	Inf	-Inf	82.12	3	Horizontal	14	1.00	-	28.40	4.08	-
AV	2.4094G	106.27	Inf	-Inf	73.78	3	Horizontal	14	1.00	-	28.41	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

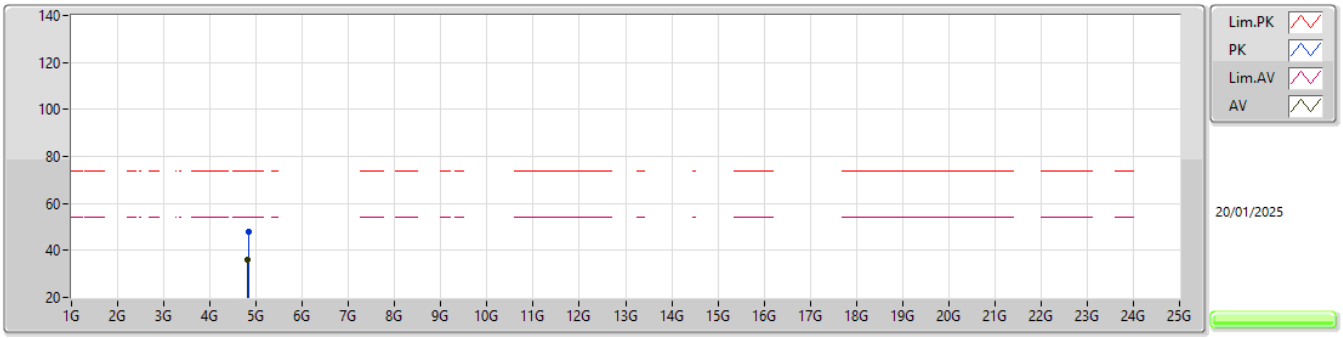


EUT X_1TX
Setting 18.5
02-R-G-5

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	4.8154G	47.73	74.00	-26.27	38.82	3	Vertical	241	2.09	-	33.13	6.78	31.00
AV	4.8304G	36.10	54.00	-17.90	27.15	3	Vertical	241	2.09	-	33.16	6.79	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 53_1TX

2412MHz_TX

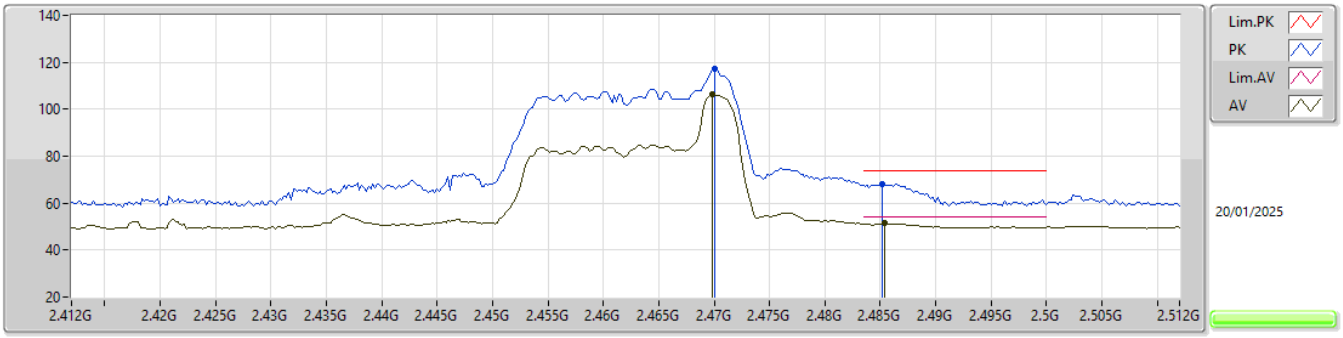


EUT X_1TX
Setting 18.5
02-R-G-5

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	4.82932G	47.79	74.00	-26.21	38.84	3	Horizontal	136	1.96	-	33.16	6.79	31.00
AV	4.82302G	36.27	54.00	-17.73	27.34	3	Horizontal	136	1.96	-	33.15	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

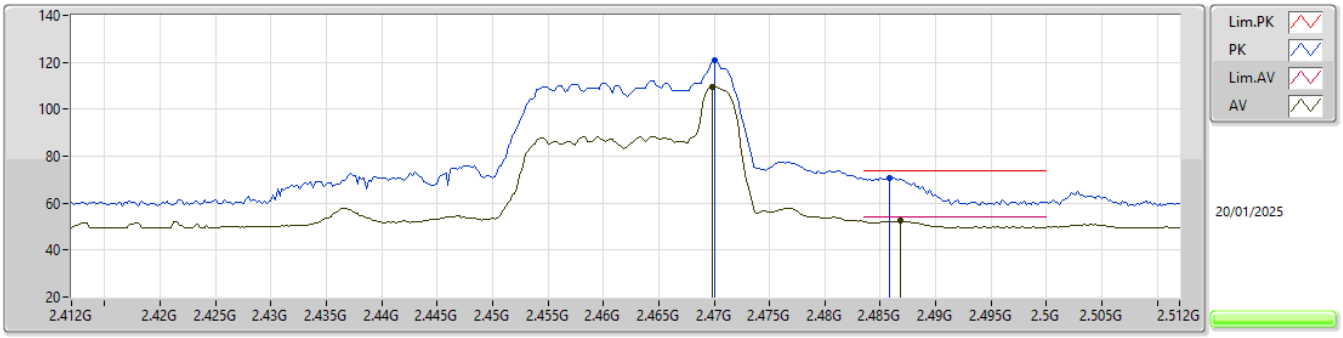


EUT X_1TX
Setting 17.5
02-R-G-5

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	2.47G	117.40	Inf	-Inf	84.78	3	Vertical	37	2.86	-	28.50	4.12	-
AV	2.4698G	106.20	Inf	-Inf	73.58	3	Vertical	37	2.86	-	28.50	4.12	-
PK	2.4852G	68.24	74.00	-5.76	35.51	3	Vertical	37	2.86	-	28.60	4.13	-
AV	2.4854G	51.48	54.00	-2.52	18.75	3	Vertical	37	2.86	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

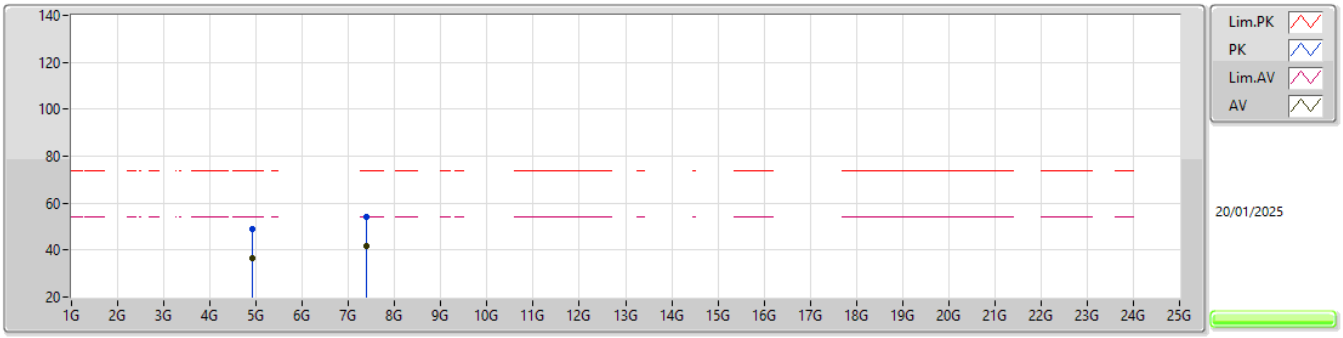


EUT X_1TX
Setting 17.5
02-R-G-5

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	2.47G	120.69	Inf	-Inf	88.07	3	Horizontal	20	1.18	-	28.50	4.12	-
AV	2.4698G	109.53	Inf	-Inf	76.91	3	Horizontal	20	1.18	-	28.50	4.12	-
PK	2.4858G	70.84	74.00	-3.16	38.11	3	Horizontal	20	1.18	-	28.60	4.13	-
AV	2.4868G	52.38	54.00	-1.62	19.64	3	Horizontal	20	1.18	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

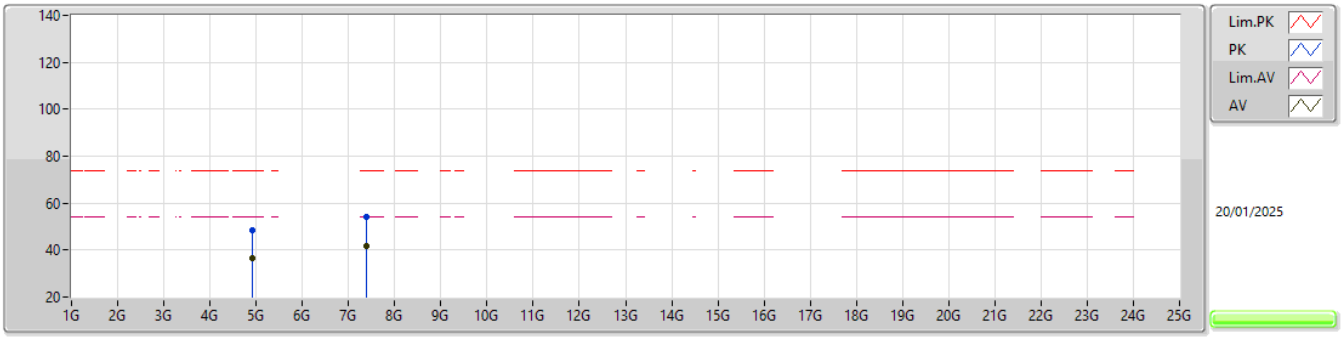


EUT X_1TX
Setting 17.5
02-R-G-5

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	4.9156G	49.09	74.00	-24.91	39.93	3	Vertical	83	1.00	-	33.33	6.83	31.00
AV	4.9242G	36.57	54.00	-17.43	27.39	3	Vertical	83	1.00	-	33.35	6.84	31.01
PK	7.39544G	53.89	74.00	-20.11	39.35	3	Vertical	324	2.82	-	36.60	9.37	31.43
AV	7.39424G	41.70	54.00	-12.30	27.16	3	Vertical	324	2.82	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 26,#RU 8_1TX

2462MHz_TX

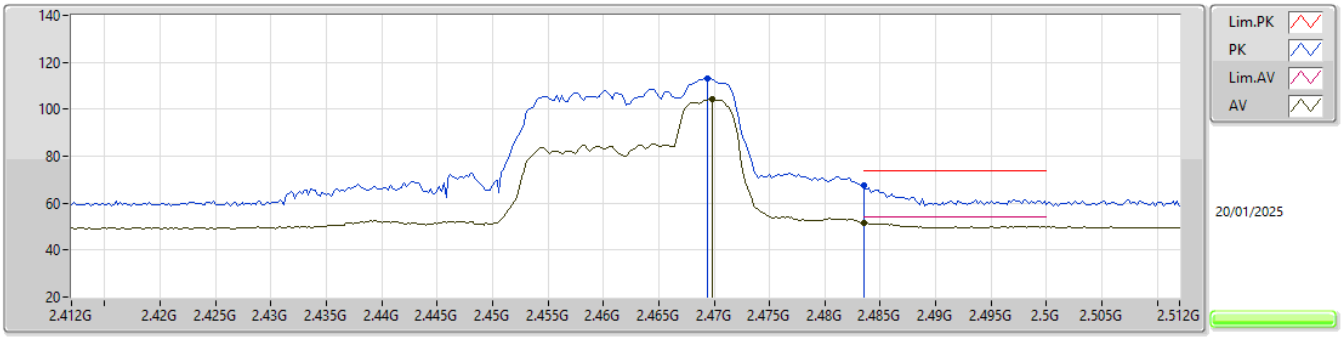


EUT X_1TX
Setting 17.5
02-R-G-5

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	4.9294G	48.22	74.00	-25.78	39.03	3	Horizontal	125	1.80	-	33.36	6.84	31.01
AV	4.91892G	36.32	54.00	-17.68	27.15	3	Horizontal	125	1.80	-	33.34	6.84	31.01
PK	7.38924G	53.96	74.00	-20.04	39.42	3	Horizontal	233	1.46	-	36.60	9.37	31.43
AV	7.3894G	41.68	54.00	-12.32	27.14	3	Horizontal	233	1.46	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

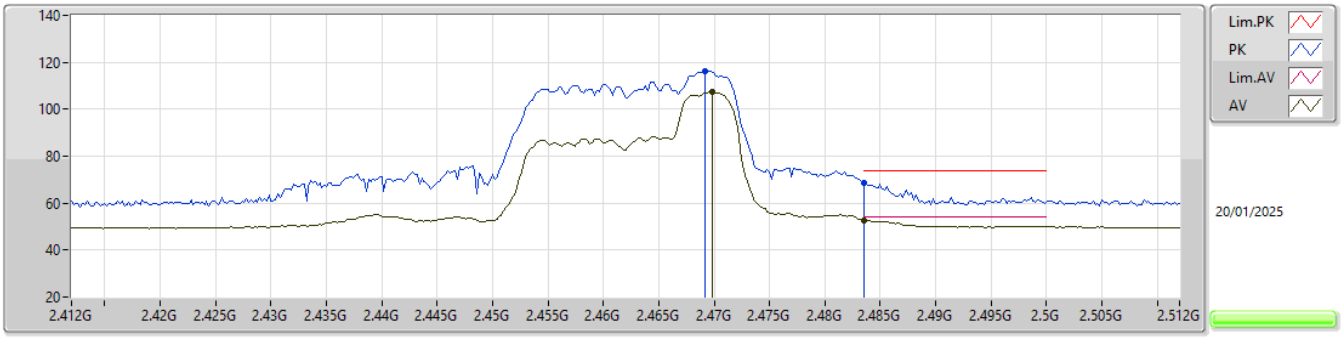


EUT X_1TX
Setting 17.5
02-R-G-5

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	2.4694G	113.11	Inf	-Inf	80.50	3	Vertical	37	2.85	-	28.49	4.12	-
AV	2.4698G	104.32	Inf	-Inf	71.70	3	Vertical	37	2.85	-	28.50	4.12	-
PK	2.4835G	67.46	74.00	-6.54	34.73	3	Vertical	37	2.85	-	28.60	4.13	-
AV	2.4835G	51.71	54.00	-2.29	18.98	3	Vertical	37	2.85	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

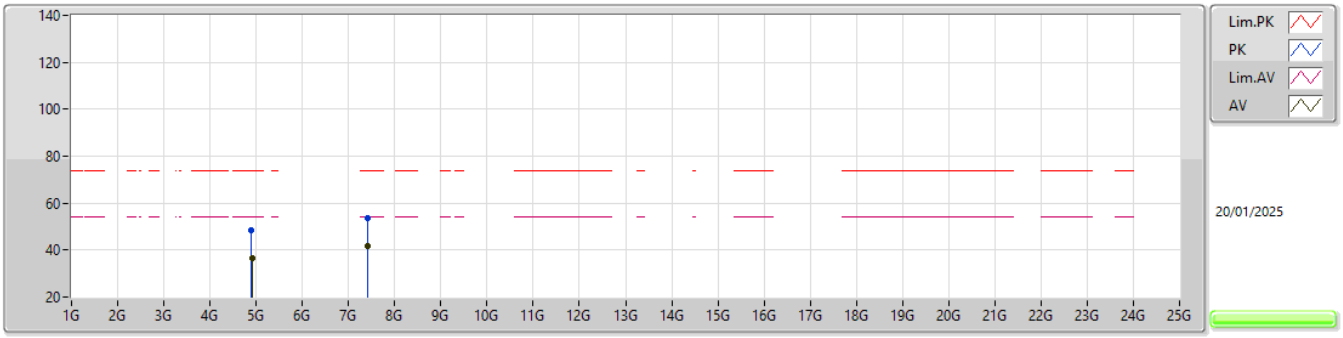


EUT X_1TX
Setting 17.5
02-R-G-5

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	2.4692G	116.18	Inf	-Inf	83.57	3	Horizontal	32	1.18	-	28.49	4.12	-
AV	2.4698G	107.34	Inf	-Inf	74.72	3	Horizontal	32	1.18	-	28.50	4.12	-
PK	2.4835G	68.87	74.00	-5.13	36.14	3	Horizontal	32	1.18	-	28.60	4.13	-
AV	2.4835G	52.79	54.00	-1.21	20.06	3	Horizontal	32	1.18	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

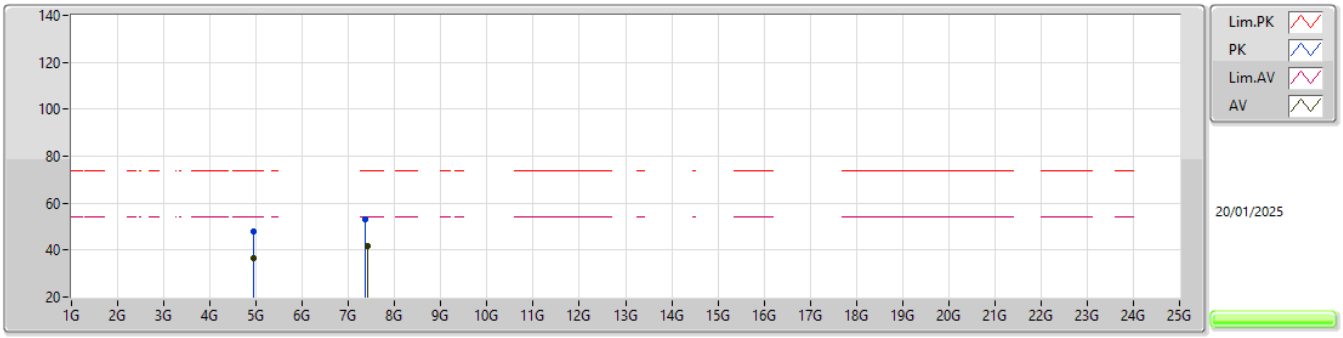


EUT X_1TX
Setting 17.5
02-R-G-5

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	4.8888G	48.33	74.00	-25.67	39.23	3	Vertical	131	2.03	-	33.28	6.82	31.00
AV	4.91584G	36.42	54.00	-17.58	27.26	3	Vertical	131	2.03	-	33.33	6.83	31.00
PK	7.41912G	53.56	74.00	-20.44	39.03	3	Vertical	334	1.73	-	36.60	9.36	31.43
AV	7.40856G	41.87	54.00	-12.13	27.33	3	Vertical	334	1.73	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 52,#RU 40_1TX

2462MHz_TX

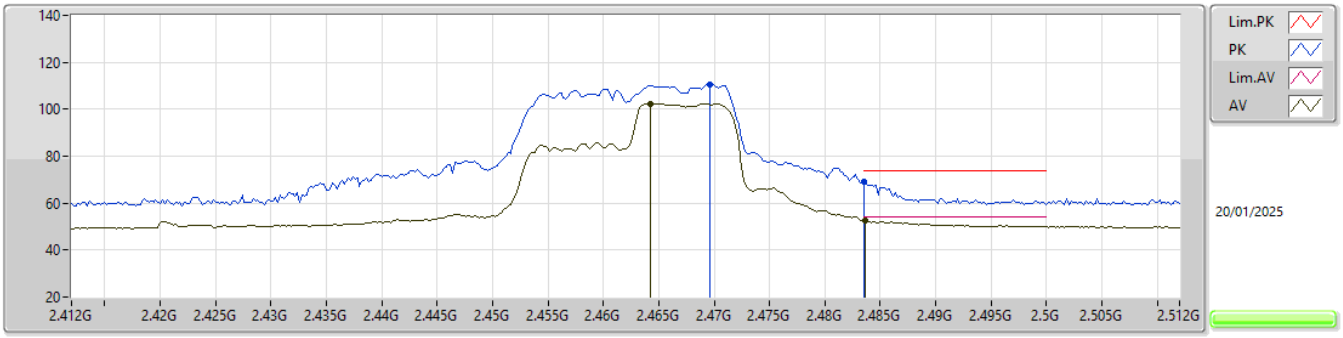


EUT X_1TX
Setting 17.5
02-R-G-5

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	4.93488G	47.77	74.00	-26.23	38.57	3	Horizontal	226	2.61	-	33.37	6.84	31.01
AV	4.94448G	36.32	54.00	-17.68	27.09	3	Horizontal	226	2.61	-	33.39	6.85	31.01
PK	7.36328G	52.93	74.00	-21.07	38.39	3	Horizontal	8	2.33	-	36.60	9.37	31.43
AV	7.4076G	41.72	54.00	-12.28	27.18	3	Horizontal	8	2.33	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX

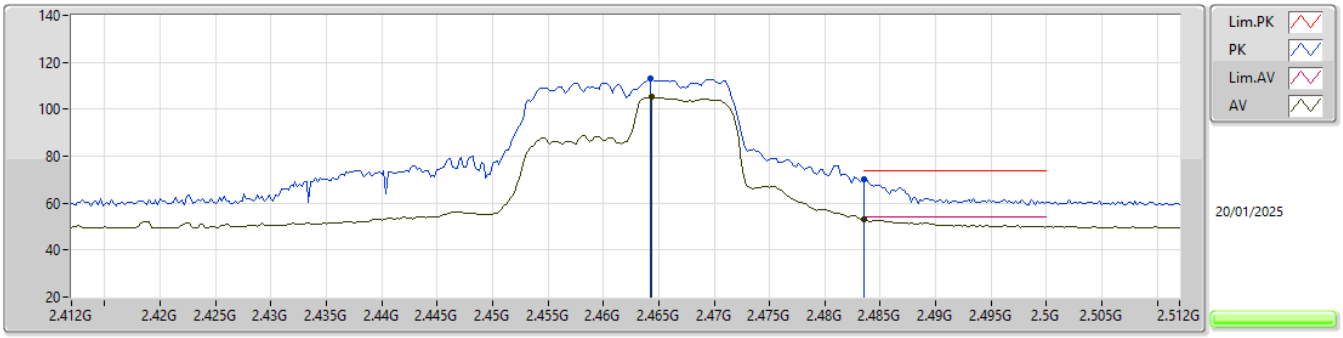


EUT X_1TX
Setting 18.5
02-R-G-5

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	2.4696G	110.76	Inf	-Inf	78.14	3	Vertical	35	2.85	-	28.50	4.12	-
AV	2.4642G	102.45	Inf	-Inf	69.89	3	Vertical	35	2.85	-	28.44	4.12	-
PK	2.4835G	69.27	74.00	-4.73	36.54	3	Vertical	35	2.85	-	28.60	4.13	-
AV	2.4836G	52.58	54.00	-1.42	19.85	3	Vertical	35	2.85	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX

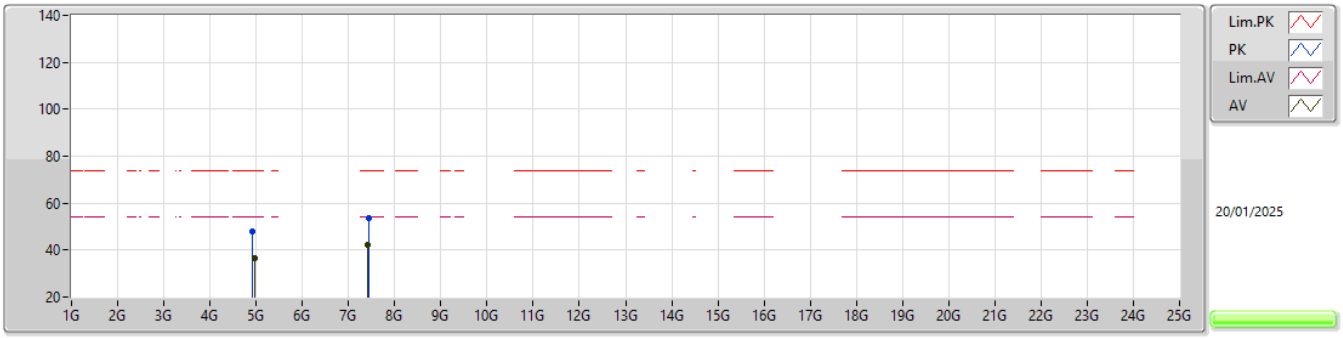


EUT X_1TX
Setting 18.5
02-R-G-5

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	2.4642G	112.88	Inf	-Inf	80.32	3	Horizontal	23	2.85	-	28.44	4.12	-
AV	2.4644G	105.10	Inf	-Inf	72.54	3	Horizontal	23	2.85	-	28.44	4.12	-
PK	2.4835G	70.02	74.00	-3.98	37.29	3	Horizontal	23	2.85	-	28.60	4.13	-
AV	2.4835G	52.99	54.00	-1.01	20.26	3	Horizontal	23	2.85	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX

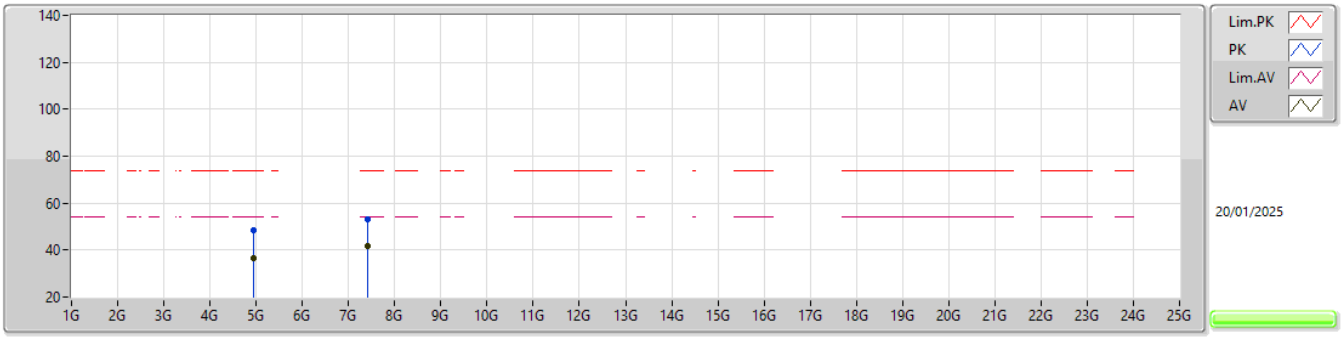


EUT X_1TX
Setting 18.5
02-R-G-5

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	4.91G	47.89	74.00	-26.11	38.74	3	Vertical	330	1.80	-	33.32	6.83	31.00
AV	4.964G	36.53	54.00	-17.47	27.28	3	Vertical	330	1.80	-	33.40	6.86	31.01
PK	7.4278G	53.69	74.00	-20.31	39.16	3	Vertical	357	2.49	-	36.60	9.36	31.43
AV	7.405G	42.09	54.00	-11.91	27.55	3	Vertical	357	2.49	-	36.60	9.37	31.43

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU 106,#RU 54_1TX

2462MHz_TX



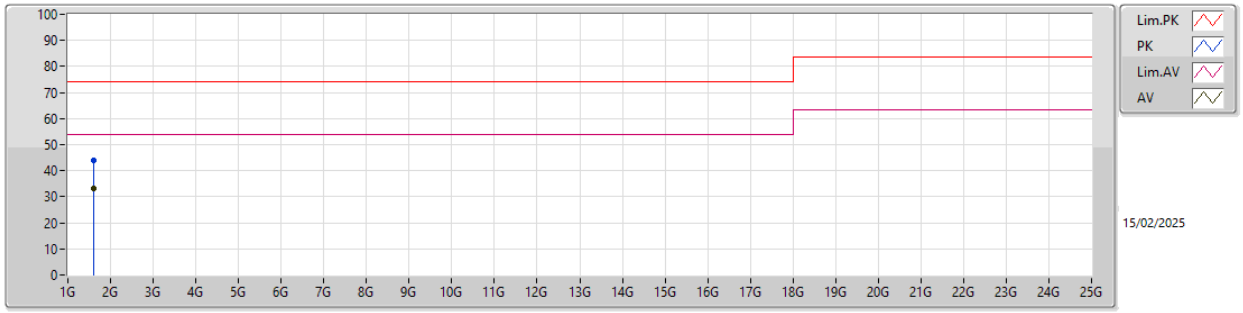
EUT X_1TX
Setting 18.5
02-R-G-5

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	4.9344G	48.24	74.00	-25.76	39.04	3	Horizontal	238	2.16	-	33.37	6.84	31.01
AV	4.9344G	36.49	54.00	-17.51	27.29	3	Horizontal	238	2.16	-	33.37	6.84	31.01
PK	7.4264G	53.19	74.00	-20.81	38.66	3	Horizontal	144	2.40	-	36.60	9.36	31.43
AV	7.401G	41.80	54.00	-12.20	27.26	3	Horizontal	144	2.40	-	36.60	9.37	31.43

Summary

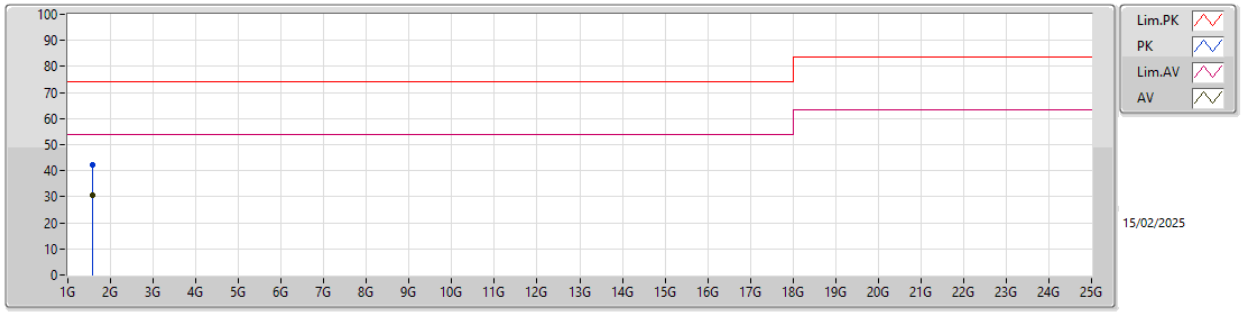
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	1.59501G	33.01	54.00	-20.99	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	1.59424G	44.10	74.00	-29.90	-16.73	3	Vertical	112	1.66	-	60.83	25.36	2.79	44.88
AV	1.59501G	33.01	54.00	-20.99	-16.74	3	Vertical	112	1.66	"Worst"	49.75	25.35	2.79	44.88

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	1.59016G	42.21	74.00	-31.79	-16.69	3	Horizontal	200	1.00	-	58.90	25.40	2.79	44.88
AV	1.59103G	30.52	54.00	-23.48	-16.70	3	Horizontal	200	1.00	"Worst"	47.22	25.39	2.79	44.88