Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-CU5XX
Equipment	:	Wireless MCU with Integrated Tri-radio Wi-Fi 6 + BLE 5.3/802.15.4 LGA module, Wireless MCU with Integrated Wi Fi 6 and Bluetooth Low Energy 5. 3 Module
Brand Name	:	AzureWave
Model Name	:	AW-CU570, AW-CU598
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.247

The product was received on Dec. 12, 2023, and testing was started from Dec. 26, 2023 and completed on Jun. 14, 2024. 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: Rex Liao

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Table of Contents

History of this test report **3**

Summary of Test Result **4**

1 General Description **5**

1.1 Information 5
1.2 Applicable Standards 8
1.3 Testing Location Information 8
1.4 Measurement Uncertainty 9

2 Test Configuration of EUT **10**

2.1 Test Channel Mode 10
2.2 The Worst Case Measurement Configuration 10
2.3 EUT Operation during Test 11
2.4 Accessories 11
2.5 Support Equipment 12
2.6 Test Setup Diagram 13

3 Transmitter Test Result **16**

3.1 AC Power-line Conducted Emissions 16
3.2 DTS Bandwidth 18
3.3 Maximum Conducted Output Power 19
3.4 Power Spectral Density 21
3.5 Emissions in Non-restricted Frequency Bands 23
3.6 Emissions in Restricted Frequency Bands 24

4 Test Equipment and Calibration Data **28**

Appendix A. Test Results of AC Power-line Conducted Emissions

Appendix B. Test Results of DTS Bandwidth

Appendix C. Test Results of Maximum Conducted Output Power

Appendix D. Test Results of Power Spectral Density

Appendix E. Test Results of Emissions in Non-restricted Frequency Bands

Appendix F. Test Results of Emissions in Restricted Frequency Bands

Appendix G. Test Photos

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR3N2709AA	01	Initial issue of report	Jun. 28, 2024

Summary of Test Result

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

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: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]

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	VHT20	20	1TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ARISTOTLE	RFA-27-C38H1-C198	Dipole	u.FL	Note 1
2	Molex	2128600011	Dipole	u.FL	
3	LYNwave	2570	PCB	N/A	

Note 1:

Ant.	Port				Gain (dBi)			
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread
1	-	1	-	-	3	5	3	3
2	1	-	1	1	Note 2			
3	1	1	1	1	2.2	4.4	2.2	2.2

Note 2: The Ant. 2 has one RF cable (Brand: TE Connectivity / Model Name: Linx Connectivity / Remark: 11.5cm), and its gains are listed below.

Ant.	Gain (dBi)				
		WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread
2	**Max Peak Gain**	5.3	4.5	5.3	5.3
	Cable Loss	0.34	0.34	0.34	0.34
	Net Gain	4.96	4.16	4.96	4.96

Note 3: The above information was declared by manufacturer.

Note 4: **For RF Conducted tests:**

The Ant. 2 in WLAN 2.4GHz / Bluetooth / Thread and the Ant. 1 in WLAN 5GHz have higher gain than others in the same band. Therefore, they were selected to perform the test.

For AC Conduction and Radiated tests:

The EUT has two types of antenna. The antennas with higher gain in each band of each type were selected to test and their data were recorded in this report. Thus, Ant. 1 & Ant. 3 were selected to test WLAN 5GHz, and Ant. 2 & Ant. 3 were selected to test WLAN 2.4GHz / Bluetooth / Thread.

Note 5: **For 2.4GHz function:**

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

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

For 5GHz function:

For IEEE 802.11a/n/ac/ax (1TX/1RX):

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

For bluetooth function (1TX/1RX):

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

For Thread function (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss 1,(6D)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss 1,(M0)	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
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.

1.1.5 Table for Multiple Listing

The two EUTs are identical except for the difference listed below:

EUT	Equipment Name	Model Name	Thread Function
1	Wireless MCU with Integrated Tri-radio Wi-Fi 6 + BLE 5.3/802.15.4 LGA module	AW-CU570	V
2	Wireless MCU with Integrated Wi Fi 6 and Bluetooth Low Energy 5. 3 Module	AW-CU598	X

Note 1: From the above EUTs, EUT 1 (AW-CU570) was selected as representative EUT for the test and its data was recorded in this report.

Note 2: 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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Mason Chan	23.5~24.2 / 60~63	May 16, 2024
Radiated < 1GHz	03CH01-CB	Paul Hu	22.4-23.5 / 55-58	Feb. 07, 2024~ May 23, 2024
	03CH04-CB		21-22 / 56-59	
Radiated > 1GHz	03CH06-CB	Paul Hu	21.9~22.8 / 56~58	Dec. 26, 2023~ Feb. 29, 2024
	03CH02-CB		22.7~23.8 / 56~59	May 14, 2024~ May 15, 2024
AC Conduction	CO01-CB	Tim Chen	20~21 / 63~64	Feb. 22, 2024~ Jun. 14, 2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 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	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz

Note:
- Evaluated HEW20 mode only, due to similar modulation. The power setting of HT20 / VHT20 modes are 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 1 + Ant. 2_Thread
2	EUT 1 + Ant. 2_Bluetooth
3	EUT 1 + Ant. 2_WLAN 2.4GHz
4	EUT 1 + Ant. 1_WLAN 5GHz
5	EUT 1 + Ant. 3_Thread
6	EUT 1 + Ant. 3_Bluetooth
7	EUT 1 + Ant. 3_WLAN 2.4GHz
8	EUT 1 + Ant. 3_WLAN 5GHz
For operating, mode 6 is the worst case and it was recorded in this test report.	

The Worst Case Mode for Following Conformance Tests		
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands	
Test Condition	Conducted measurement at transmit chains	
Test Mode	1	EUT 1 + Ant. 2

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
	The EUT was performed at X axis, Y axis and Z axis position in Radiated Emission test > 1GHz, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. 2_WLAN 2.4GHz
2	EUT 1 in Y axis + Ant. 2_Bluetooth
3	EUT 1 in Y axis + Ant. 2_Thread
4	EUT 1 in Y axis + Ant. 1_WLAN 5GHz
5	EUT 1 in Y axis + Ant. 3_WLAN 2.4GHz
6	EUT 1 in Y axis + Ant. 3_Bluetooth
7	EUT 1 in Y axis + Ant. 3_Thread
8	EUT 1 in Y axis + Ant. 3_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. 2
2	EUT 1 in Y axis + Ant. 3

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	Fixture	AzureWave	2570-i4	N/A
B	NB	DELL	E6430	N/A

For Radiated < 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	DC Power Supply	MOTECH	LPS-305	N/A

For Radiated > 1GHz:

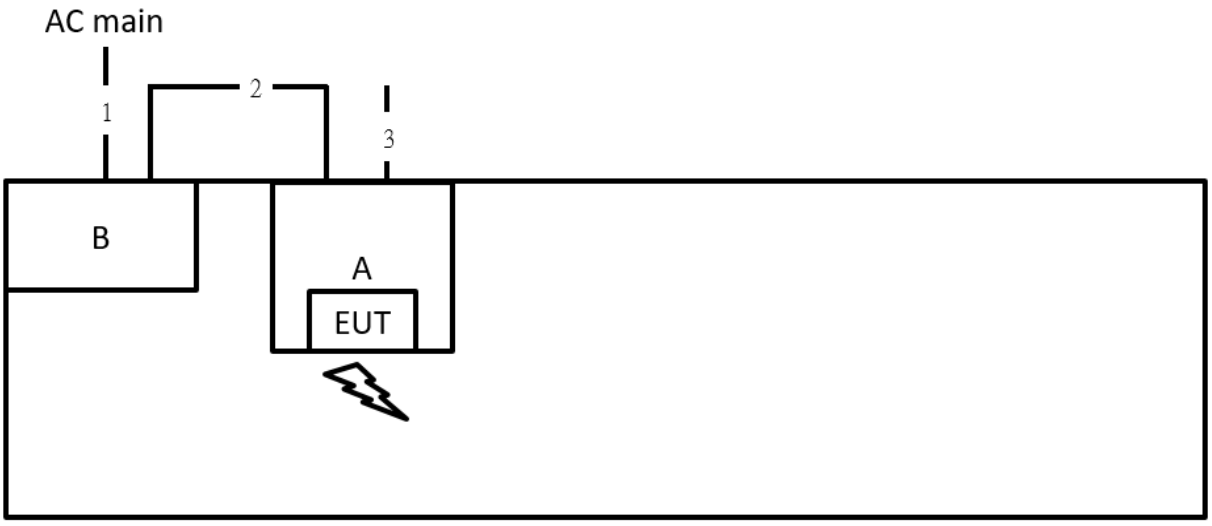
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570 I2	N/A
B	DC Power Supply	MOTECH	LPS-305	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	AzureWave	2570 I2	N/A

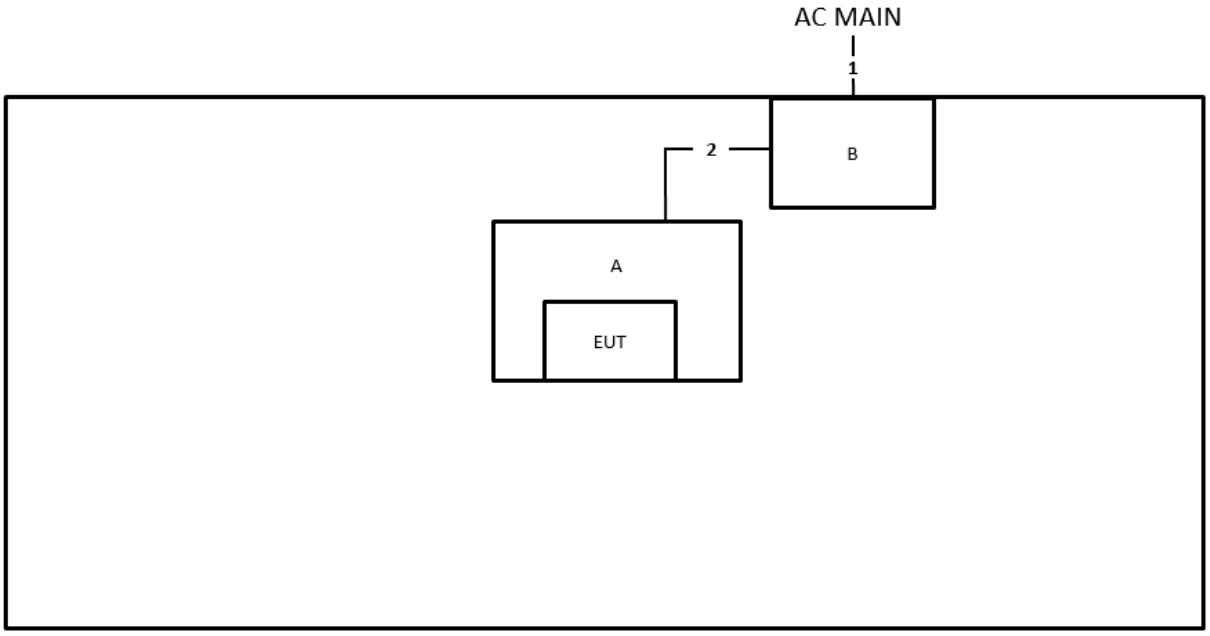
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



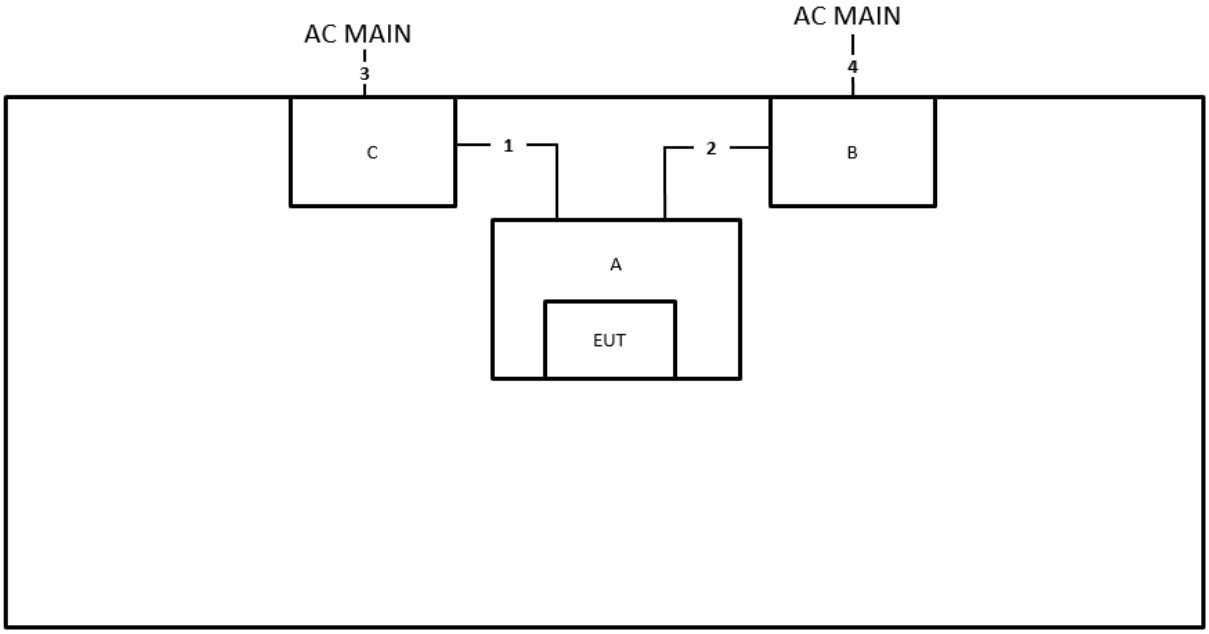
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	DC cable*2	No	1m
3	Type C USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	DC cable*2	No	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB to Type C cable	Yes	1m
2	DC cable*2	No	1m
3	Power cable	No	1.7m
4	Power cable	No	1.2m

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

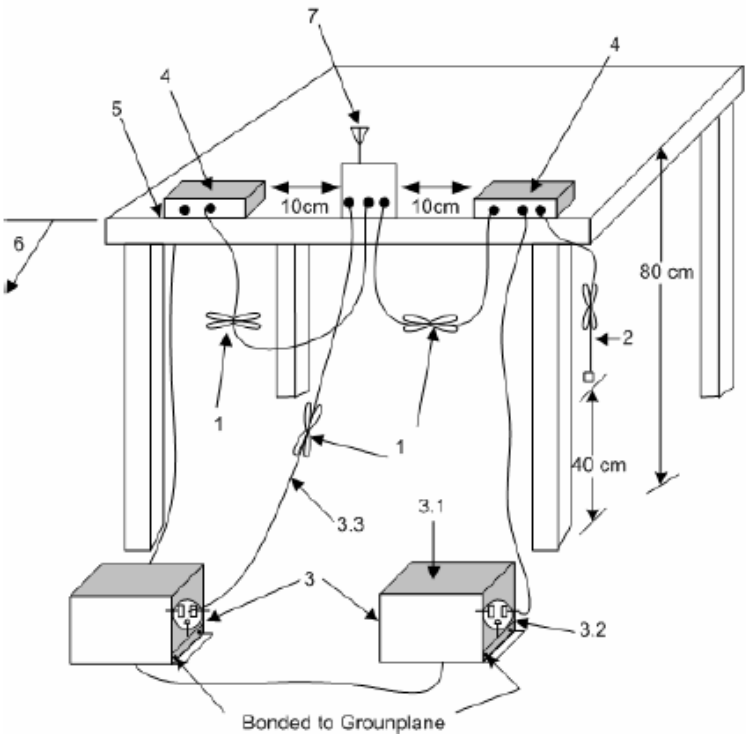
Refer a test equipment and calibration data table in this test report.

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.

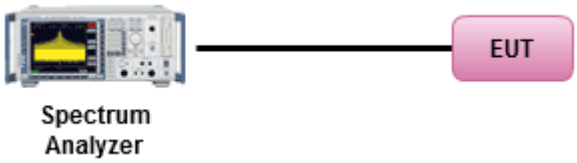
3.2.2 Measuring Instruments

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

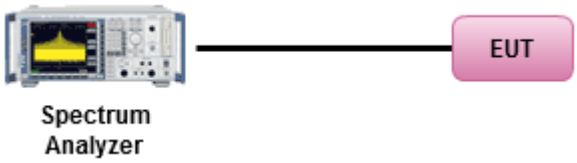
Refer a test equipment and calibration data table in this test report.

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.	

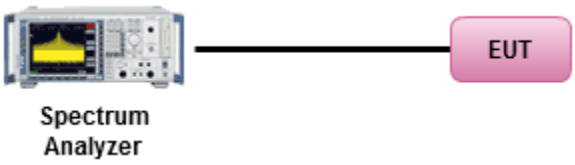
3.5.2 Measuring Instruments

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.

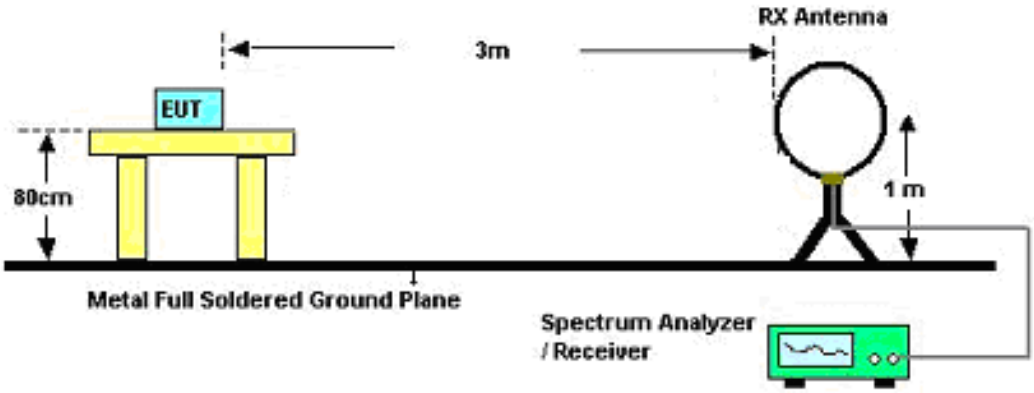
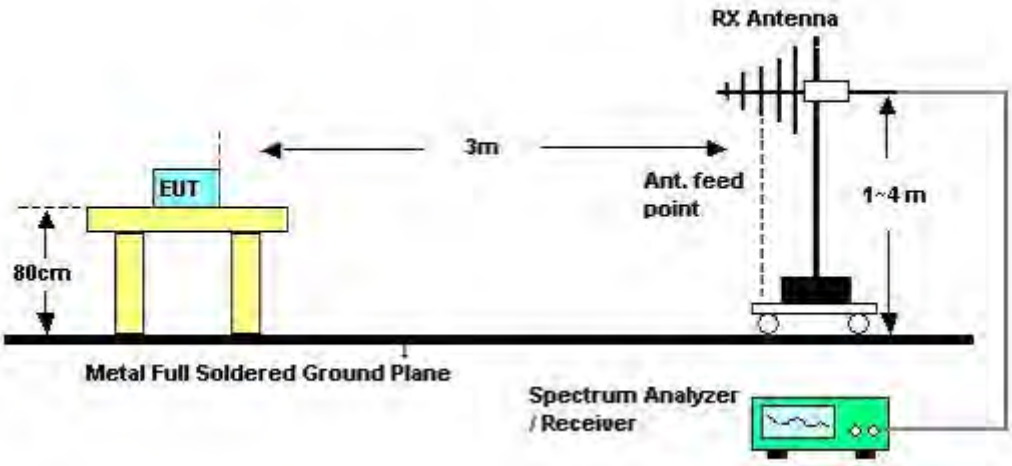
3.6.2 Measuring Instruments

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

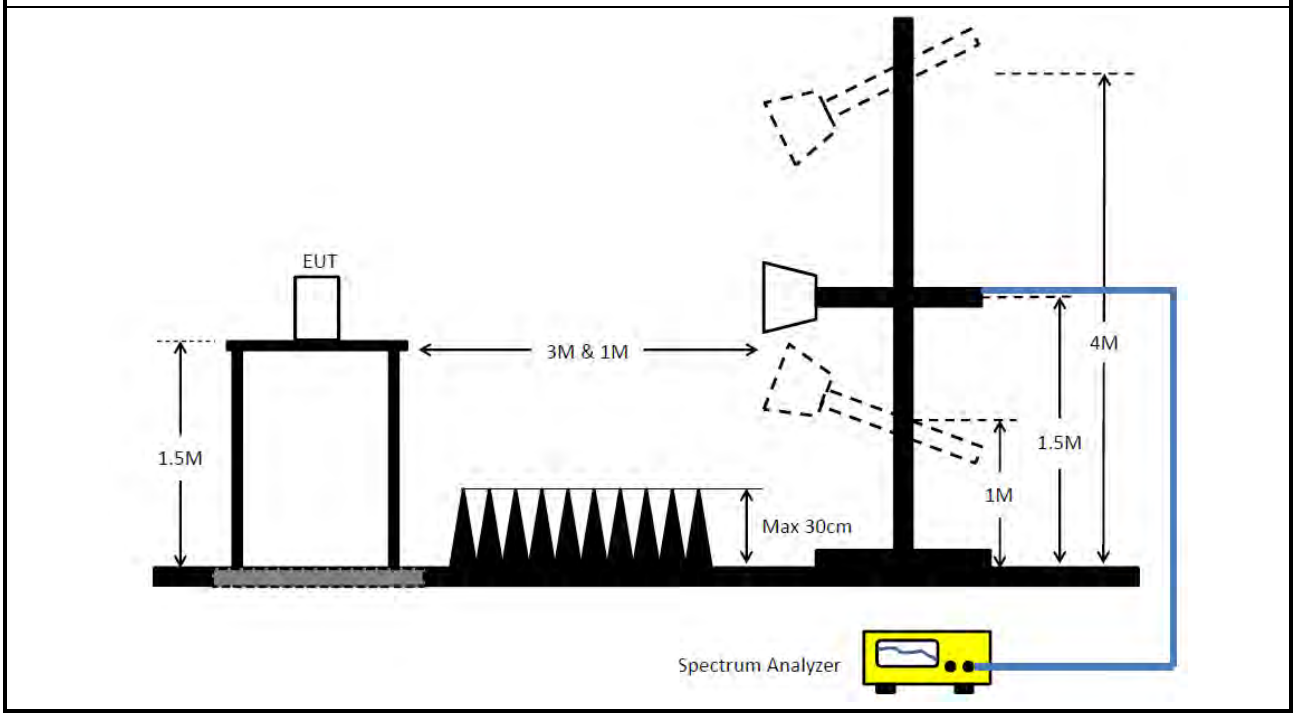
3.6.3 Test Procedures

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	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO01-CB)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	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	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 19, 2023	Feb. 18, 2024	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 18, 2024	Feb. 17, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 23, 2023	Jun. 22, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30MHz ~ 1GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 21, 2023	Apr. 20, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Jul. 24, 2023	Jul. 23, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

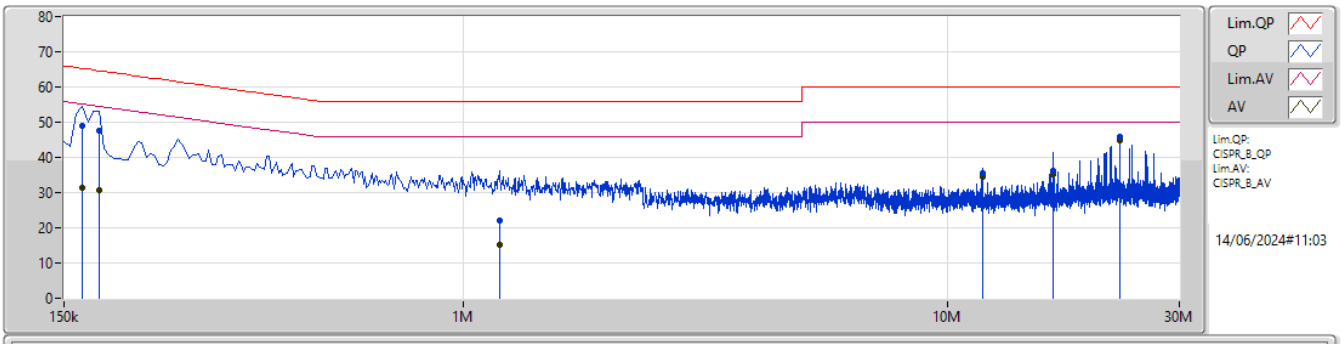
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

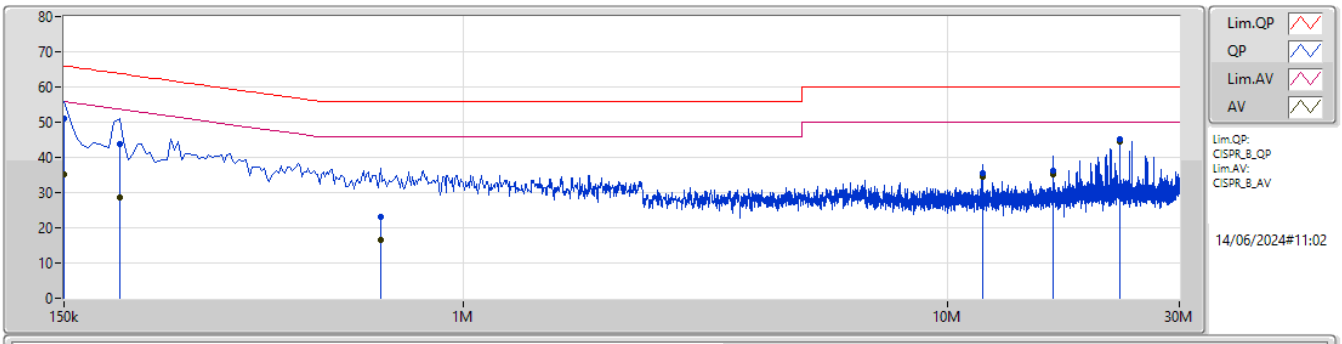
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 6	Pass	AV	22.641M	45.00	50.00	-5.00	Line

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	48.97	65.27	-16.30	9.92	Line	-	39.05	0.04	0.02	9.86
AV	163.5k	31.24	55.27	-24.03	9.92	Line	-	21.32	0.04	0.02	9.86
QP	177k	47.50	64.62	-17.12	9.92	Line	-	37.58	0.04	0.02	9.86
AV	177k	30.84	54.62	-23.78	9.92	Line	-	20.92	0.04	0.02	9.86
QP	1.185M	22.04	56.00	-33.96	10.00	Line	-	12.04	0.07	0.02	9.91
AV	1.185M	15.23	46.00	-30.77	10.00	Line	-	5.23	0.07	0.02	9.91
QP	11.76M	35.38	60.00	-24.62	10.34	Line	-	25.04	0.25	0.16	9.93
AV	11.76M	34.55	50.00	-15.45	10.34	Line	-	24.21	0.25	0.16	9.93
QP	16.467M	36.33	60.00	-23.67	10.46	Line	-	25.87	0.29	0.20	9.97
AV	16.467M	35.31	50.00	-14.69	10.46	Line	-	24.85	0.29	0.20	9.97
QP	22.641M	45.70	60.00	-14.30	10.60	Line	-	35.10	0.32	0.24	10.04
AV	22.641M	45.00	50.00	-5.00	10.60	Line	"Worst"	34.40	0.32	0.24	10.04

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	50.91	66.00	-15.09	9.95	Neutral	-	40.96	0.06	0.02	9.87
AV	150k	35.09	56.00	-20.91	9.95	Neutral	-	25.14	0.06	0.02	9.87
QP	195k	43.71	63.82	-20.11	9.93	Neutral	-	33.78	0.06	0.02	9.85
AV	195k	28.62	53.82	-25.20	9.93	Neutral	-	18.69	0.06	0.02	9.85
QP	676.5k	23.27	56.00	-32.73	9.98	Neutral	-	13.29	0.07	0.01	9.90
AV	676.5k	16.51	46.00	-29.49	9.98	Neutral	-	6.53	0.07	0.01	9.90
QP	11.76M	35.39	60.00	-24.61	10.34	Neutral	-	25.05	0.25	0.16	9.93
AV	11.76M	34.61	50.00	-15.39	10.34	Neutral	-	24.27	0.25	0.16	9.93
QP	16.467M	36.23	60.00	-23.77	10.45	Neutral	-	25.78	0.28	0.20	9.97
AV	16.467M	35.22	50.00	-14.78	10.45	Neutral	-	24.77	0.28	0.20	9.97
QP	22.641M	45.33	60.00	-14.67	10.62	Neutral	-	34.71	0.34	0.24	10.04
AV	22.641M	44.42	50.00	-5.58	10.62	Neutral	"Worst"	33.80	0.34	0.24	10.04

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	9.95M	13.434M	13M4G1D	9.575M	13.327M
802.11g_Nss1,(6Mbps)_1TX	16.475M	16.631M	16M6D1D	16.325M	16.504M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.7M	18.965M	19M0D1D	17.075M	18.745M

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

Result

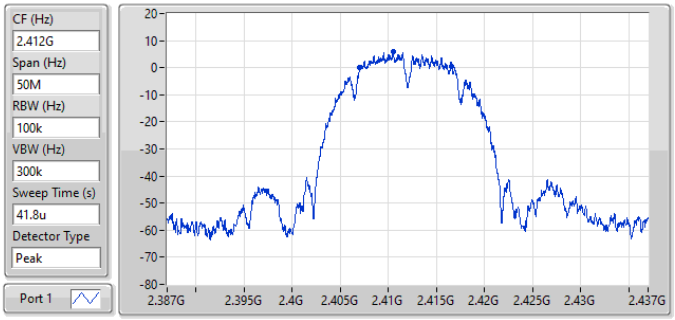
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	9.575M	13.434M
2437MHz	Pass	500k	9.95M	13.341M
2462MHz	Pass	500k	9.725M	13.327M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.504M
2437MHz	Pass	500k	16.425M	16.631M
2462MHz	Pass	500k	16.475M	16.623M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.7M	18.745M
2437MHz	Pass	500k	17.575M	18.799M
2462MHz	Pass	500k	17.075M	18.965M

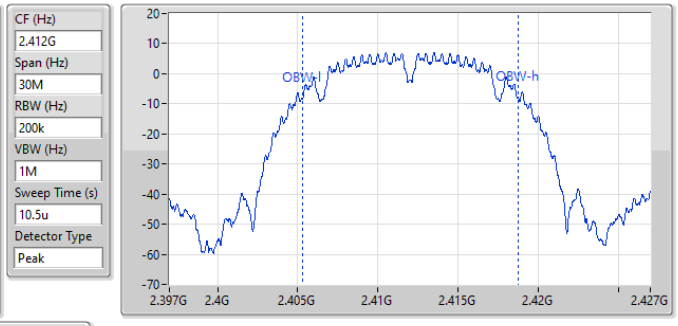
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

2412MHz

16/05/2024



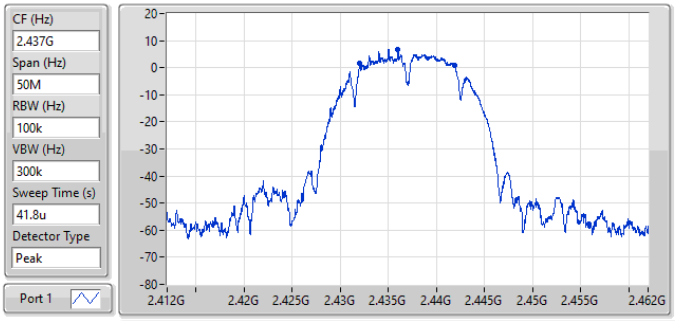


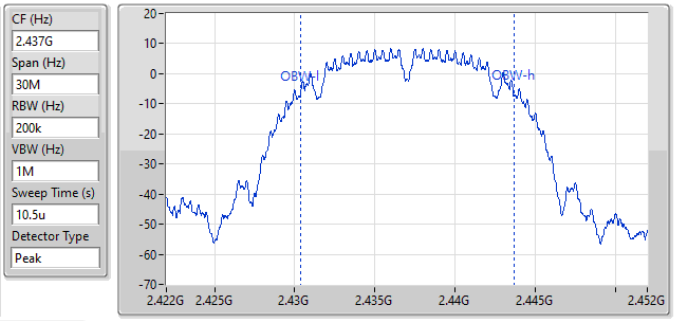
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.575M	2.407G	2.416575G	13.434M	2.405307G	2.41874G	500k	1

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

2437MHz

16/05/2024



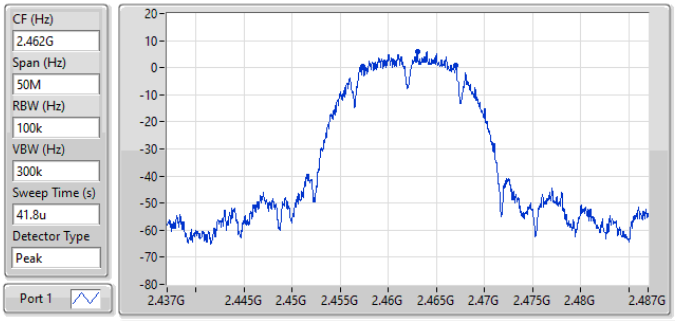


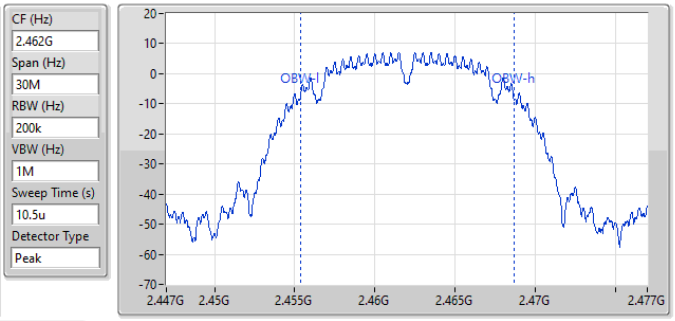
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.95M	2.431975G	2.441925G	13.341M	2.430372G	2.443713G	500k	1

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

2462MHz

16/05/2024



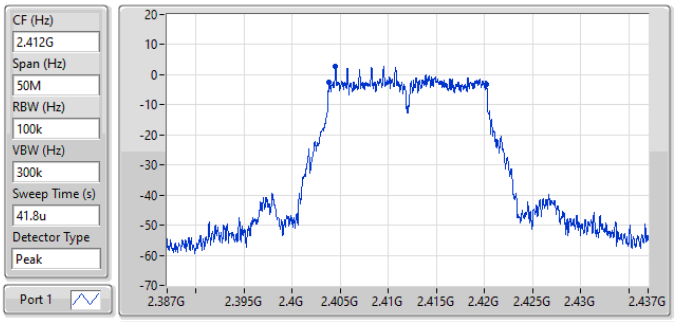


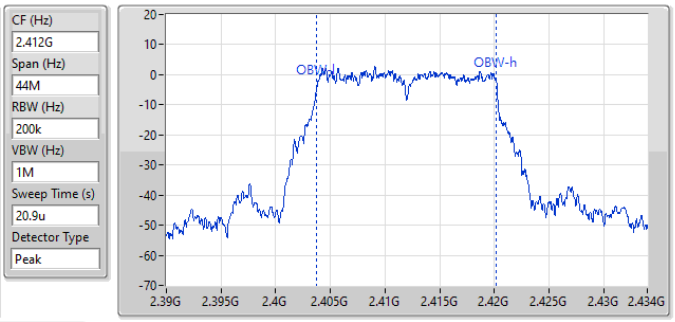
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.725M	2.457325G	2.46705G	13.327M	2.455356G	2.468684G	500k	1

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

2412MHz

16/05/2024



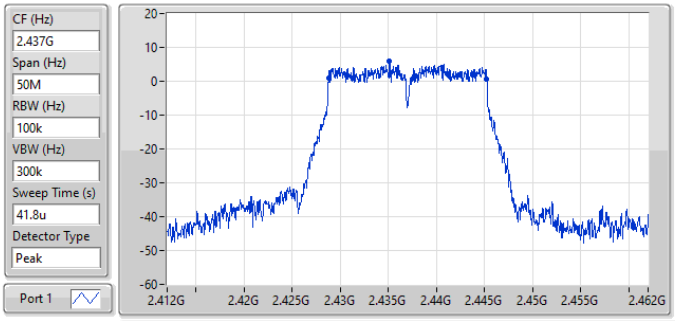


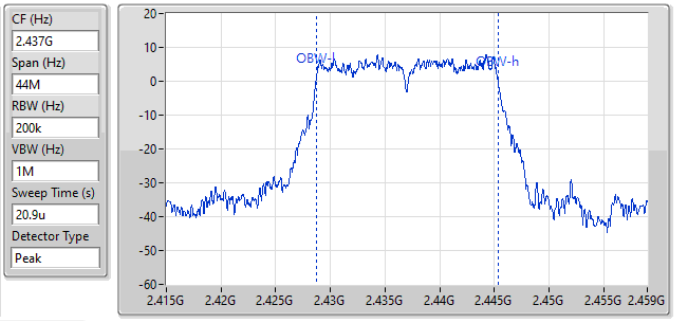
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.40385G	2.420175G	16.504M	2.403711G	2.420215G	500k	1

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

2437MHz

16/05/2024



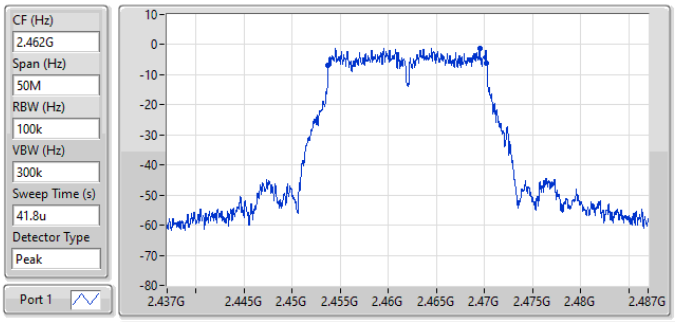


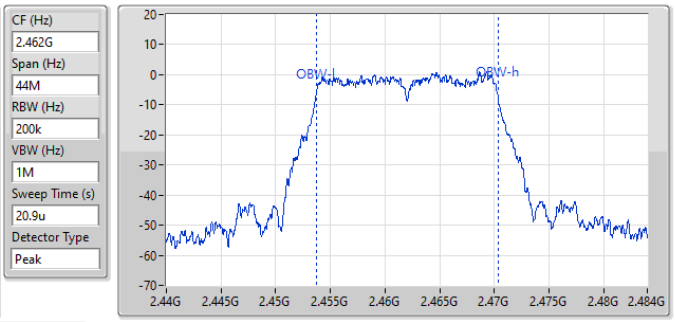
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	2.4288G	2.445225G	16.631M	2.428722G	2.445354G	500k	1

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

2462MHz

16/05/2024



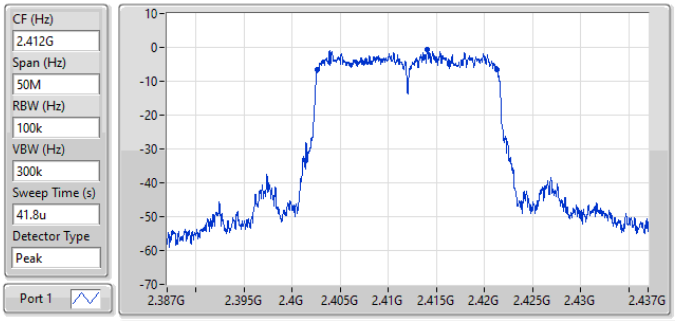


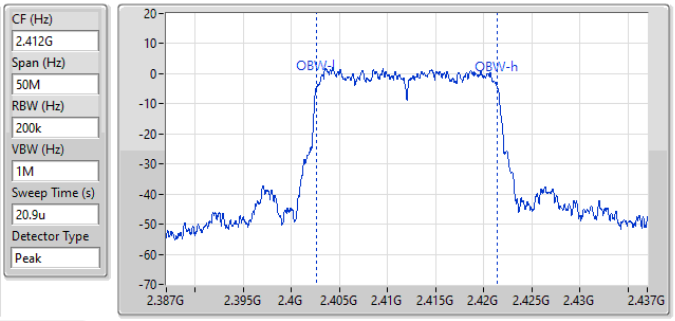
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.475M	2.45375G	2.470225G	16.623M	2.453697G	2.47032G	500k	1

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

2412MHz

16/05/2024



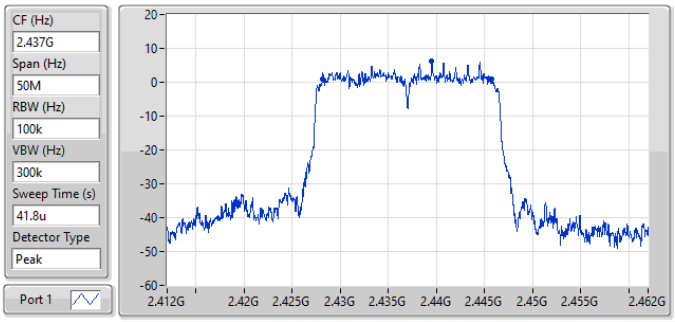


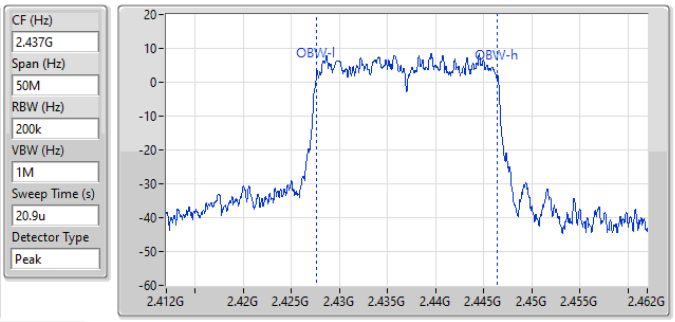
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.402625G	2.421325G	18.745M	2.402651G	2.421396G	500k	1

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

2437MHz

16/05/2024



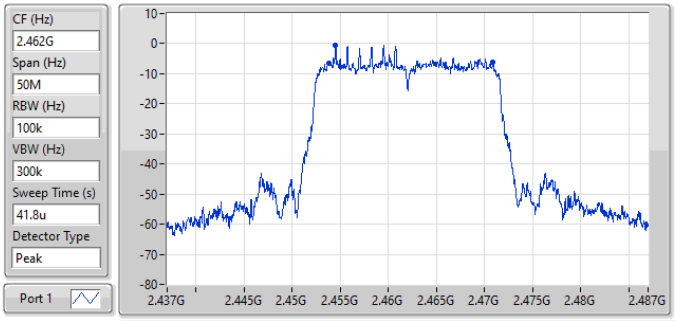


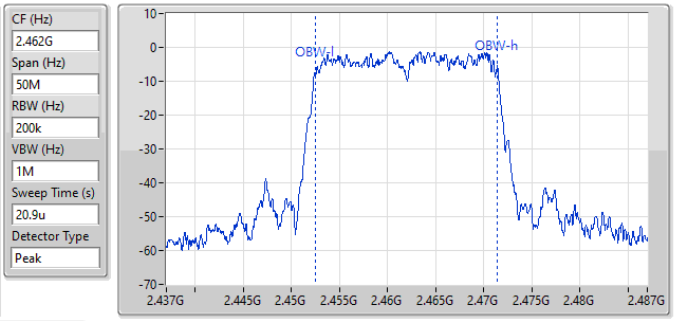
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.428125G	2.4457G	18.799M	2.427603G	2.446401G	500k	1

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

2462MHz

16/05/2024





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.075M	2.453825G	2.4709G	18.965M	2.452465G	2.47143G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	17.62	0.05781
802.11g_Nss1,(6Mbps)_1TX	19.46	0.08831
802.11ax HEW20_Nss1,(MCS0)_1TX	18.99	0.07925

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.96	16.88	16.88	30.00
2437MHz	Pass	4.96	17.62	17.62	30.00
2462MHz	Pass	4.96	16.31	16.31	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.96	13.83	13.83	30.00
2417MHz	Pass	4.96	15.71	15.71	30.00
2437MHz	Pass	4.96	19.46	19.46	30.00
2457MHz	Pass	4.96	18.62	18.62	30.00
2462MHz	Pass	4.96	12.37	12.37	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.96	13.98	13.98	30.00
2417MHz	Pass	4.96	15.81	15.81	30.00
2437MHz	Pass	4.96	18.99	18.99	30.00
2457MHz	Pass	4.96	14.16	14.16	30.00
2462MHz	Pass	4.96	10.41	10.41	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.49
802.11g_Nss1,(6Mbps)_1TX	-6.63
802.11ax HEW20_Nss1,(MCS0)_1TX	-8.09

RBW = 3kHz;

Result

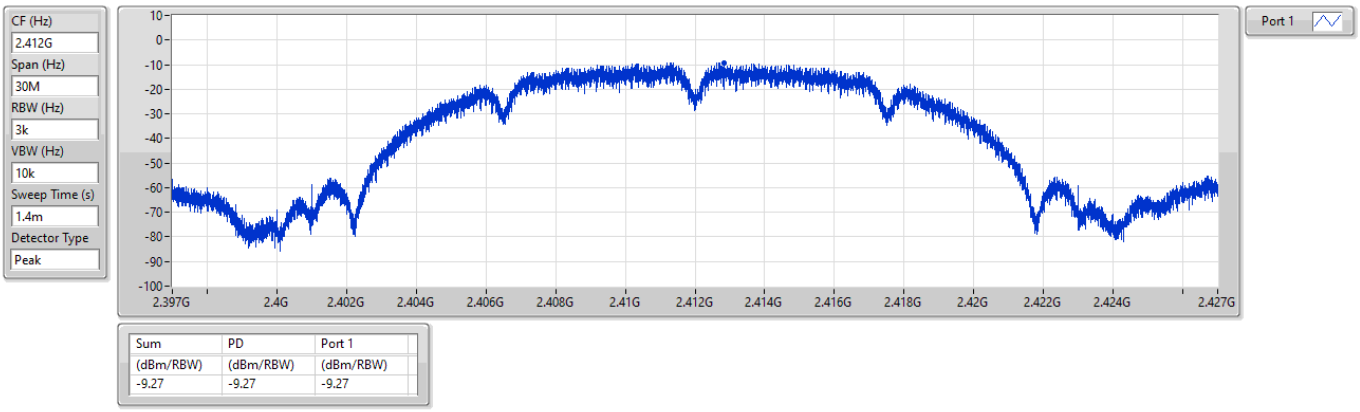
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.96	-9.27	-9.27	8.00
2437MHz	Pass	4.96	-6.49	-6.49	8.00
2462MHz	Pass	4.96	-8.43	-8.43	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.96	-13.12	-13.12	8.00
2437MHz	Pass	4.96	-6.63	-6.63	8.00
2462MHz	Pass	4.96	-13.61	-13.61	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.96	-12.70	-12.70	8.00
2437MHz	Pass	4.96	-8.09	-8.09	8.00
2462MHz	Pass	4.96	-17.09	-17.09	8.00

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

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

2412MHz

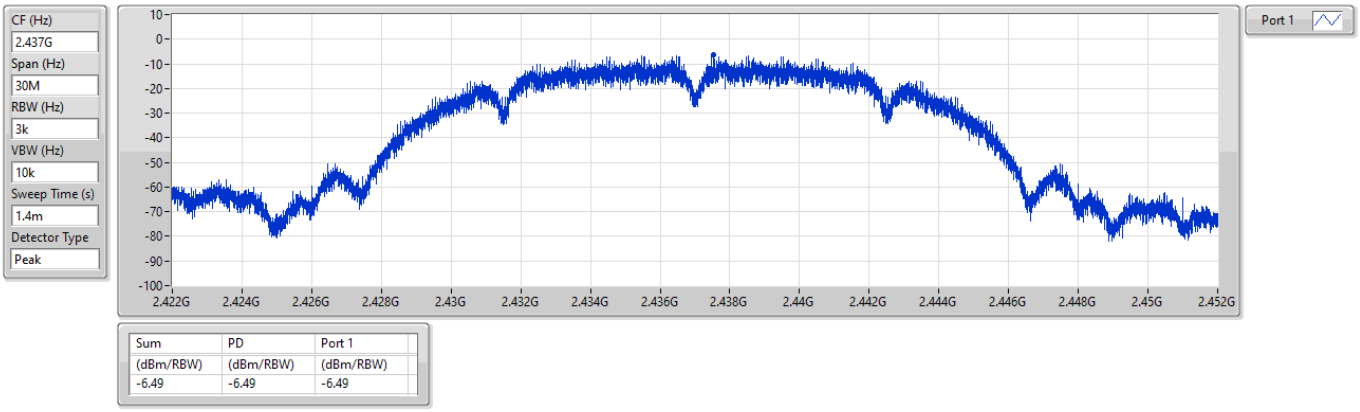
16/05/2024



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

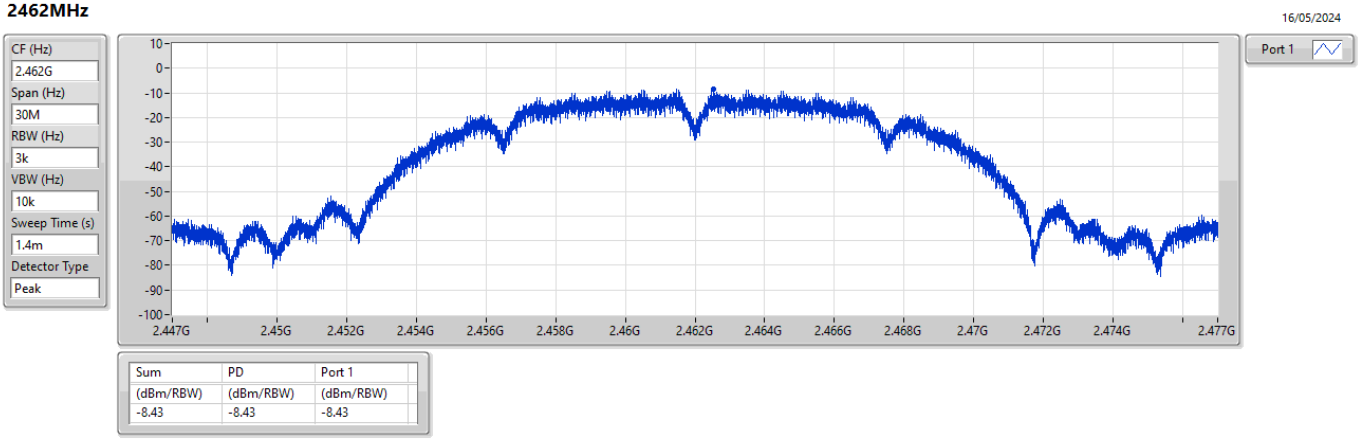
2437MHz

16/05/2024



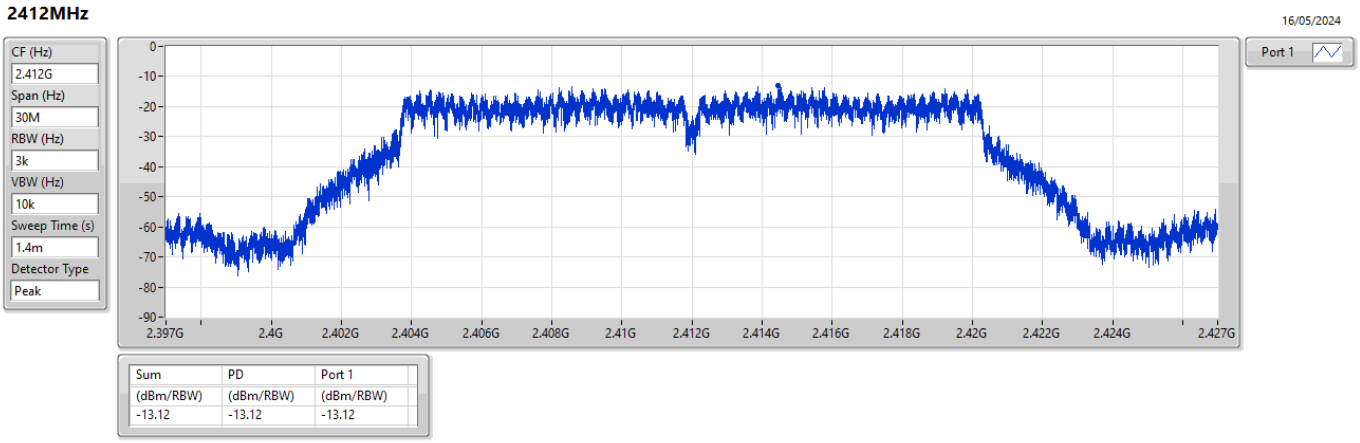
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2462MHz



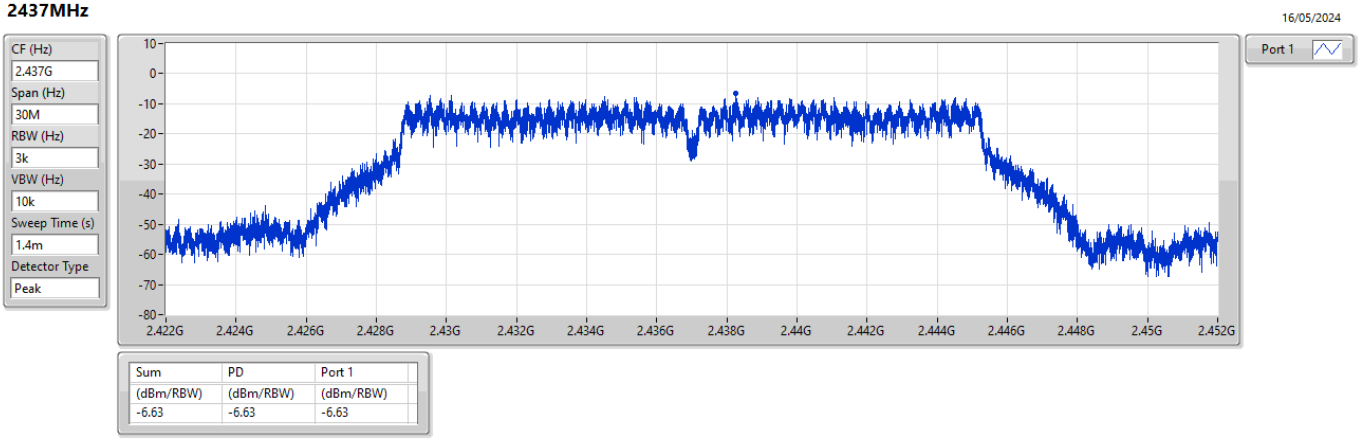
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2412MHz



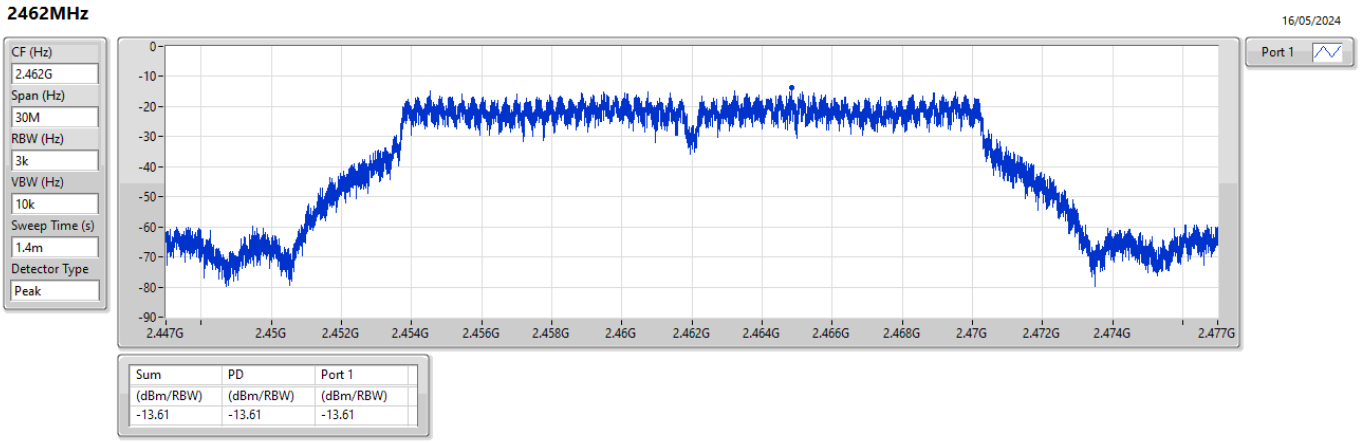
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2437MHz



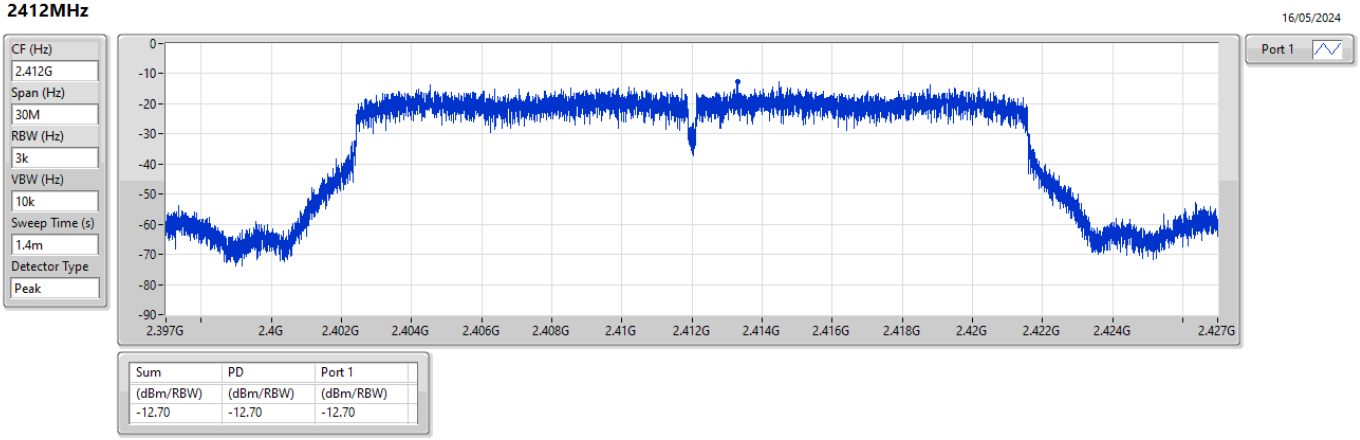
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2462MHz



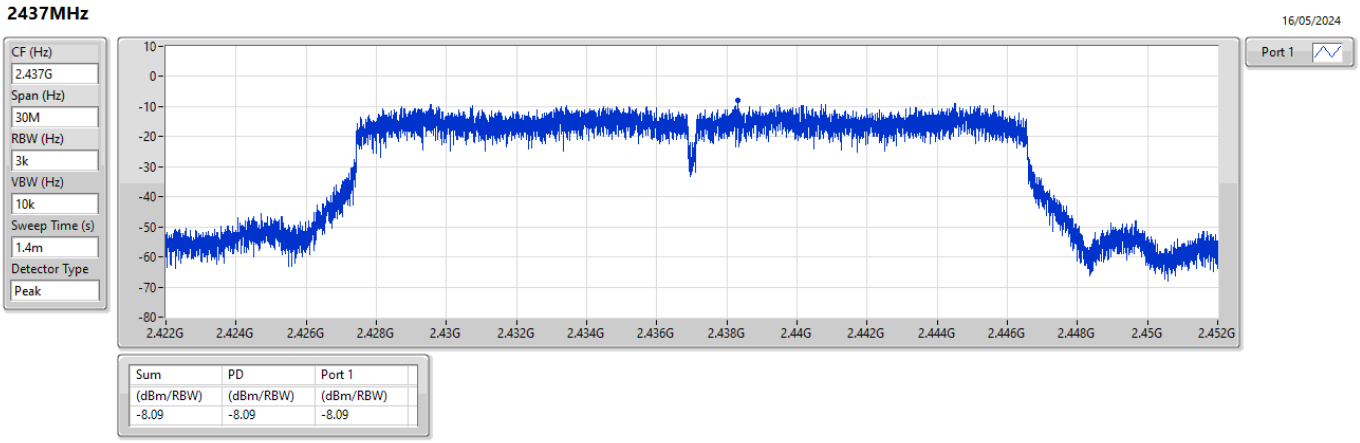
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

2412MHz



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

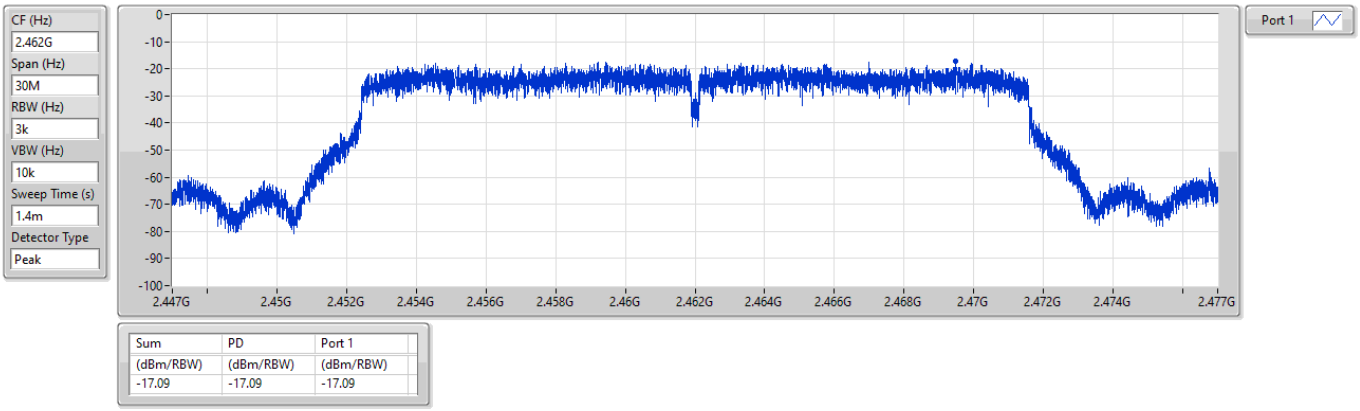
2437MHz



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

2462MHz

16/05/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.09	-17.09	-17.09

Summary

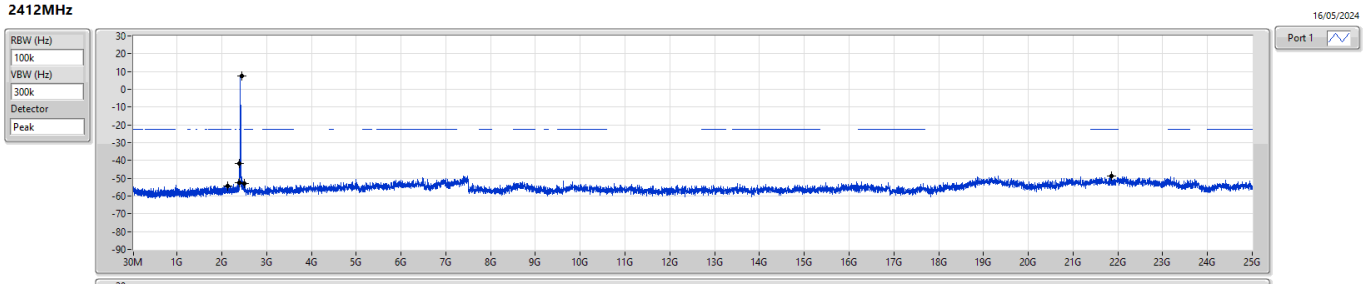
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43841G	7.58	-22.42	2.13749G	-54.16	2.39704G	-41.55	2.4G	-52.72	2.50622G	-53.08	21.8561G	-48.98	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44459G	8.94	-21.06	1.894G	-54.01	2.39728G	-38.33	2.4G	-44.70	2.51702G	-53.37	21.98815G	-47.81	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.44459G	8.55	-21.45	2.14797G	-53.30	2.39744G	-36.08	2.4G	-44.37	2.5059G	-53.22	21.87015G	-49.14	1

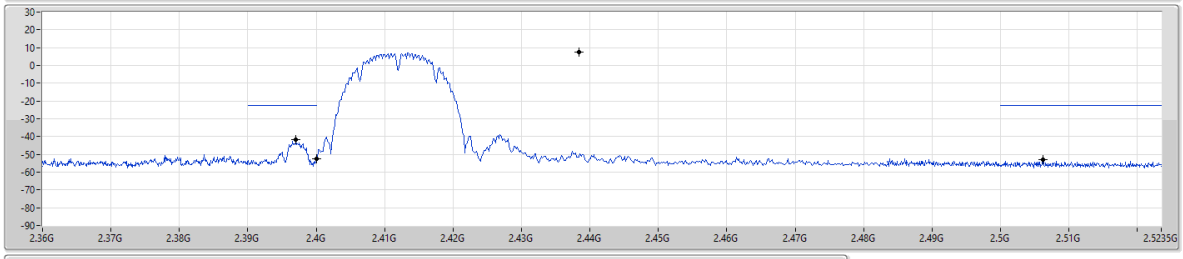
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43841G	7.58	-22.42	2.13749G	-54.16	2.39704G	-41.55	2.4G	-52.72	2.50622G	-53.08	21.8561G	-48.98	1
2437MHz	Pass	2.43841G	7.58	-22.42	80.1M	-53.66	2.39144G	-53.35	2.4G	-53.88	2.51854G	-53.04	23.12602G	-49.18	1
2462MHz	Pass	2.43841G	7.58	-22.42	1.90449G	-53.23	2.39928G	-54.65	2.4G	-55.94	2.50662G	-52.56	21.45995G	-47.47	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44459G	8.94	-21.06	1.894G	-54.01	2.39728G	-38.33	2.4G	-44.70	2.51702G	-53.37	21.98815G	-47.81	1
2437MHz	Pass	2.44459G	8.94	-21.06	1.78566G	-53.31	2.39952G	-44.57	2.4G	-45.25	2.50318G	-49.06	21.59762G	-48.81	1
2462MHz	Pass	2.44459G	8.94	-21.06	2.06875G	-53.64	2.39232G	-53.71	2.4G	-56.02	2.50166G	-52.49	21.52457G	-48.92	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44459G	8.55	-21.45	2.14797G	-53.30	2.39744G	-36.08	2.4G	-44.37	2.5059G	-53.22	21.87015G	-49.14	1
2437MHz	Pass	2.44459G	8.55	-21.45	46.31M	-53.24	2.39992G	-44.95	2.4G	-46.24	2.50006G	-51.08	21.99096G	-49.15	1
2462MHz	Pass	2.44459G	8.55	-21.45	1.72391G	-53.06	2.39648G	-54.11	2.4G	-55.30	2.5195G	-51.75	21.64257G	-49.17	1

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

2412MHz

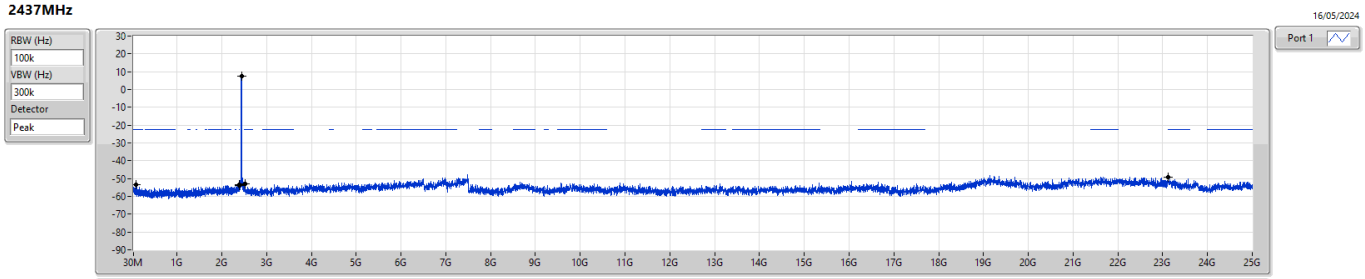


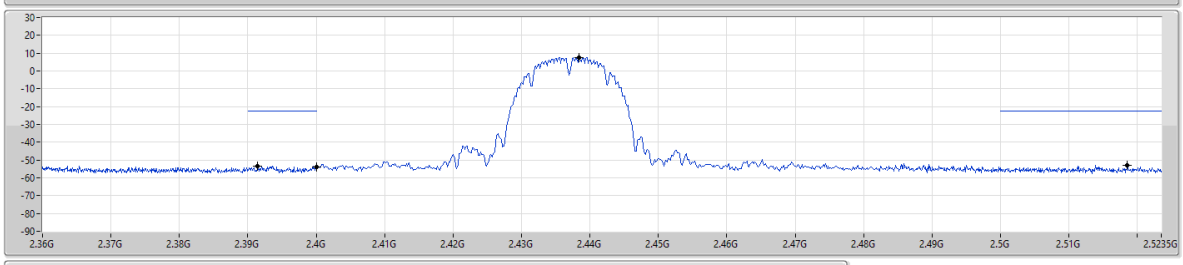


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	7.58	-22.42	2.13749G	-54.16	2.39704G	-41.55	2.4G	-52.72	2.50622G	-53.08	21.8561G	-48.98	1

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

2437MHz

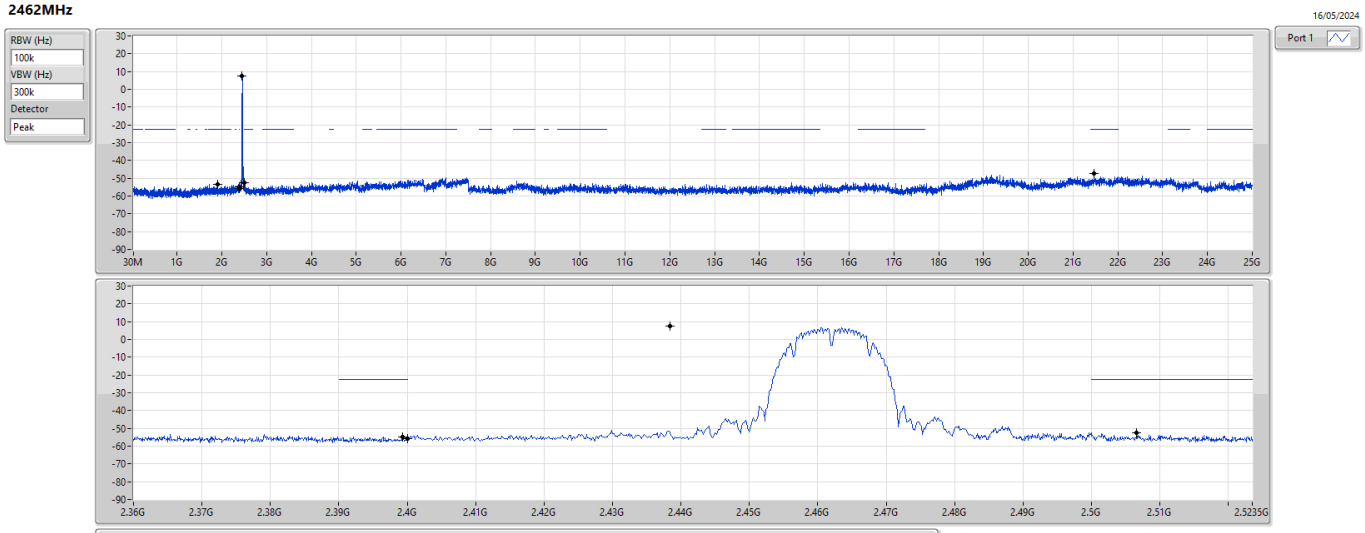




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43841G	7.58	-22.42	80.1M	-53.66	2.39144G	-53.35	2.4G	-53.88	2.51854G	-53.04	23.12602G	-49.18	1

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

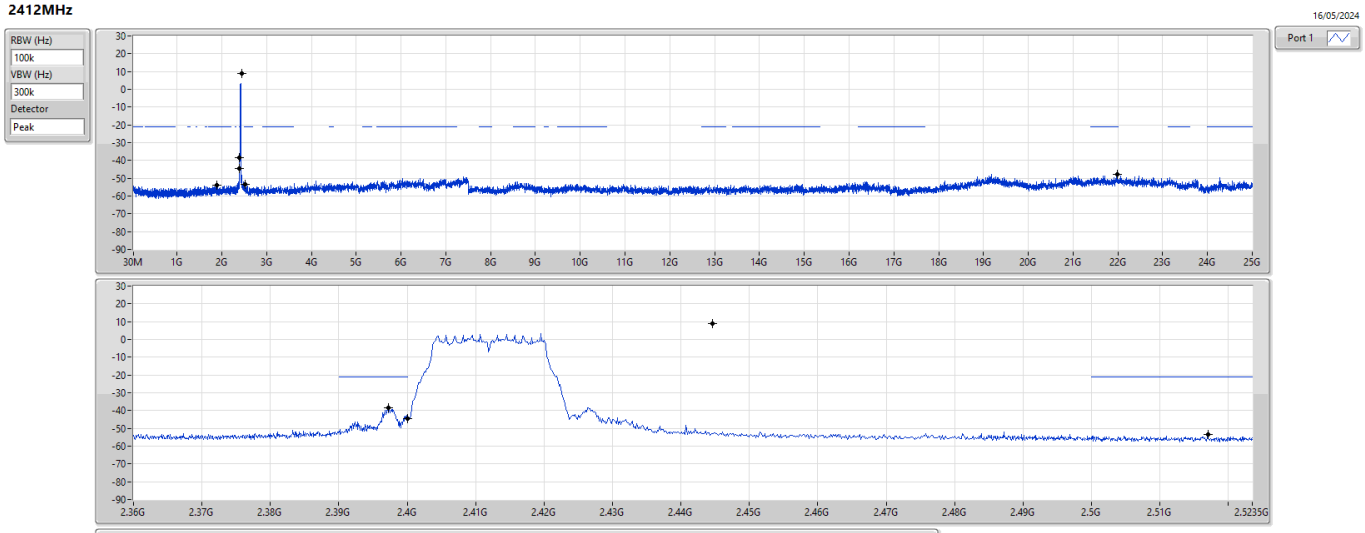
2462MHz



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
2.43841G	7.58	-22.42	1.90449G	-53.23	2.39928G	-54.65	2.4G	-55.94	2.50662G	-52.56	21.45995G	-47.47	1

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

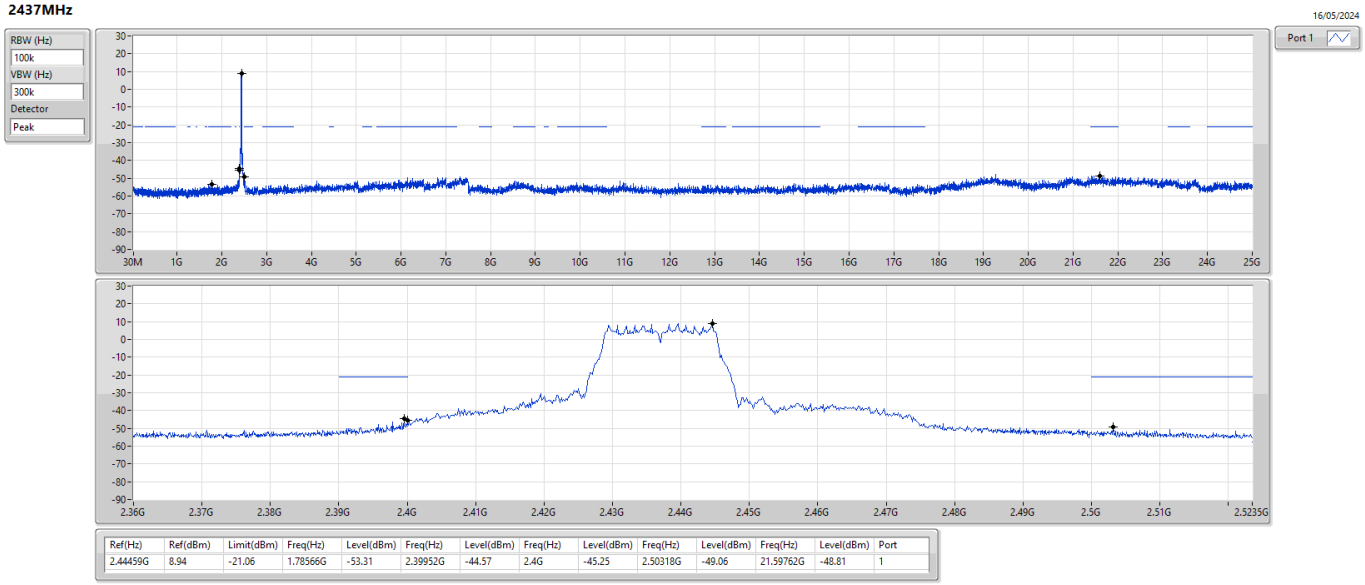
2412MHz



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
2.44459G	8.94	-21.06	1.894G	-54.01	2.39728G	-38.33	2.4G	-44.70	2.51702G	-53.37	21.98815G	-47.81	1

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

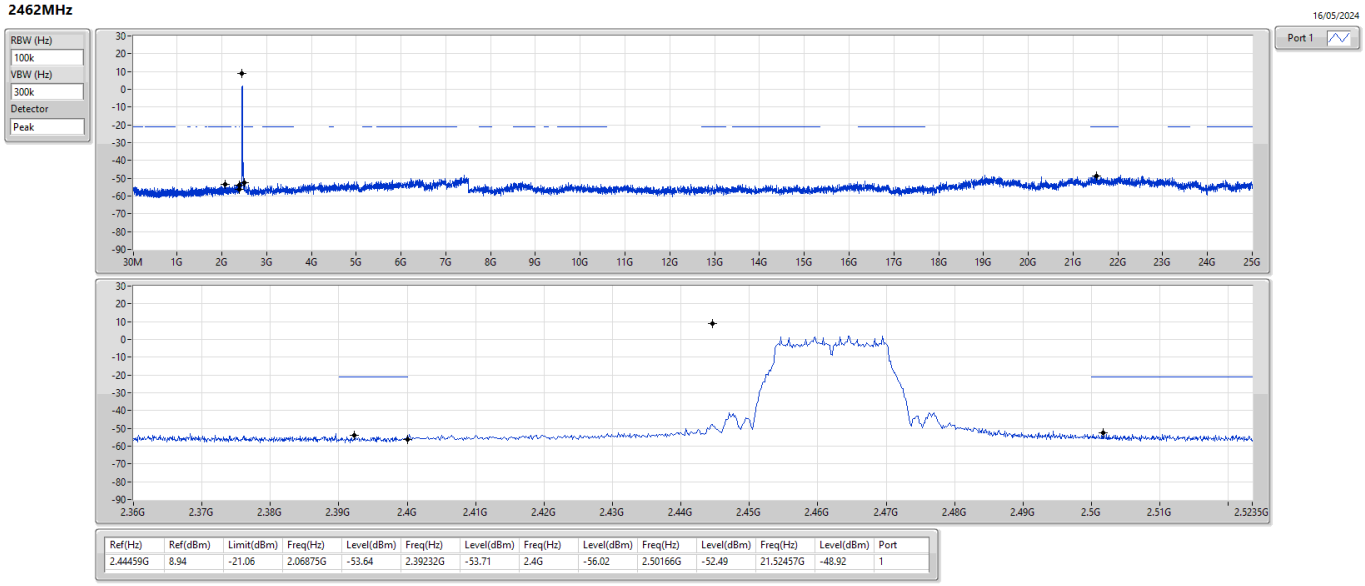
2437MHz



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
2.44459G	8.94	-21.06	1.78566G	-53.31	2.39952G	-44.57	2.4G	-45.25	2.50318G	-49.06	21.59762G	-48.81	1

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

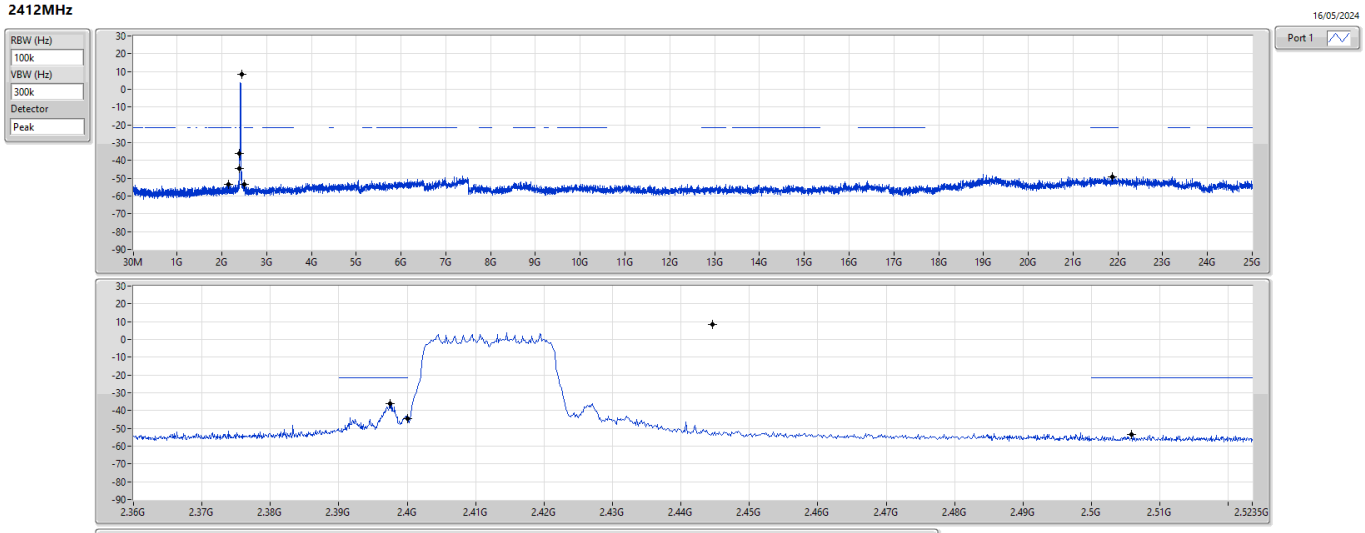
2462MHz



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
2.44459G	8.94	-21.06	2.06875G	-53.64	2.39232G	-53.71	2.4G	-56.02	2.50166G	-52.49	21.52457G	-48.92	1

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

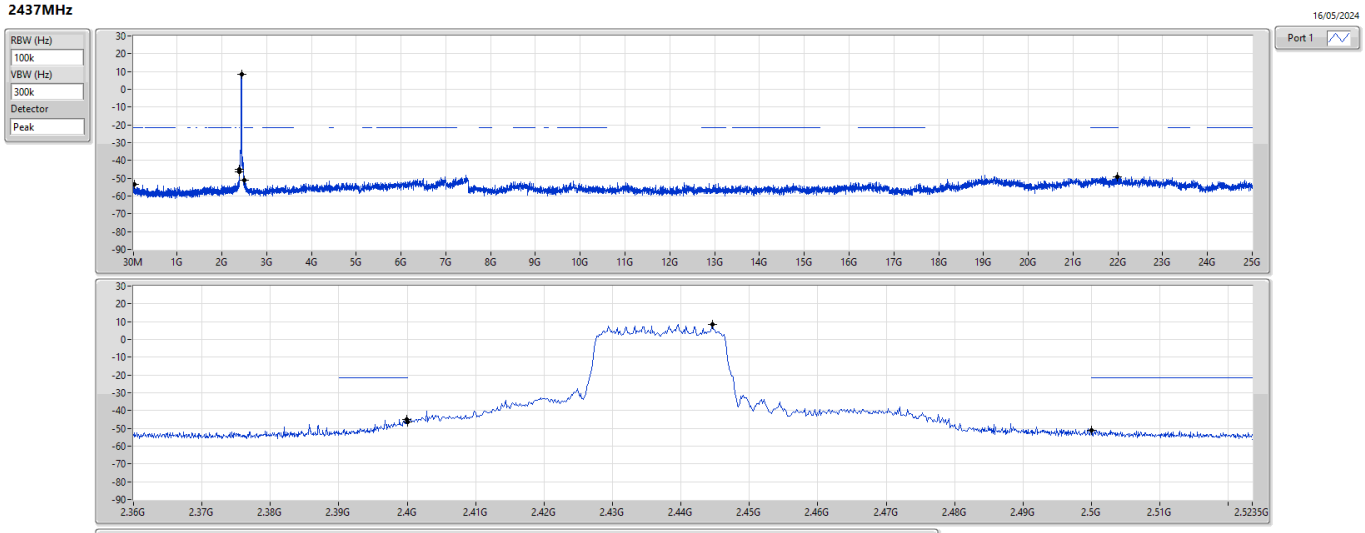
2412MHz



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
2.44459G	8.55	-21.45	2.14797G	-53.30	2.39744G	-36.08	2.4G	-44.37	2.5059G	-53.22	21.87015G	-49.14	1

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

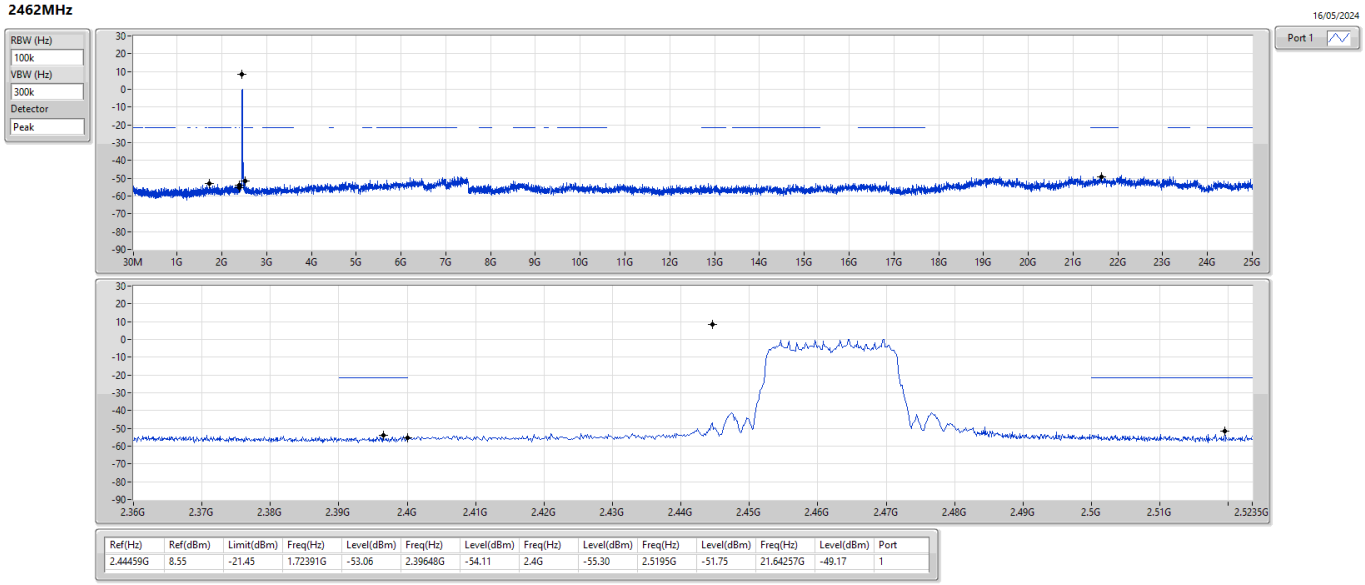
2437MHz



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
2.44459G	8.55	-21.45	46.31M	-53.24	2.39992G	-44.95	2.4G	-46.24	2.50006G	-51.08	21.99096G	-49.15	1

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

2462MHz

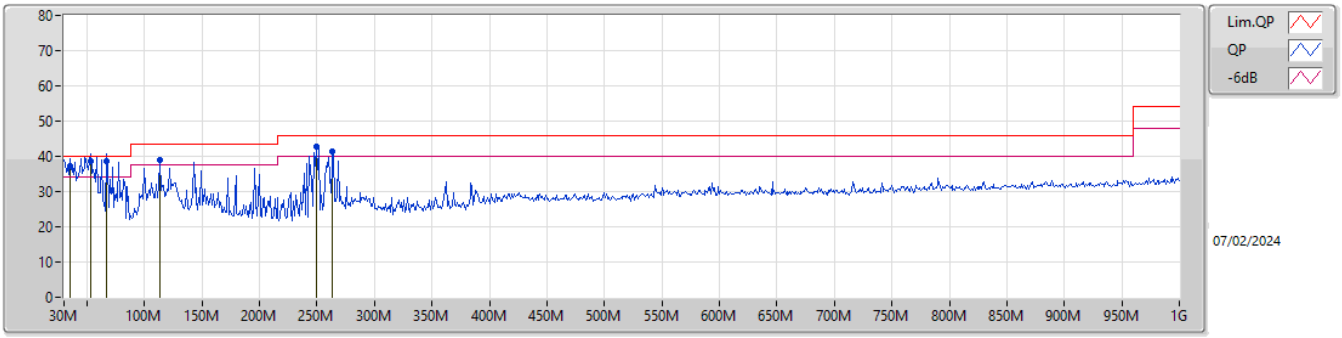


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44459G	8.55	-21.45	1.72391G	-53.06	2.39648G	-54.11	2.4G	-55.30	2.5195G	-51.75	21.64257G	-49.17	1

Summary

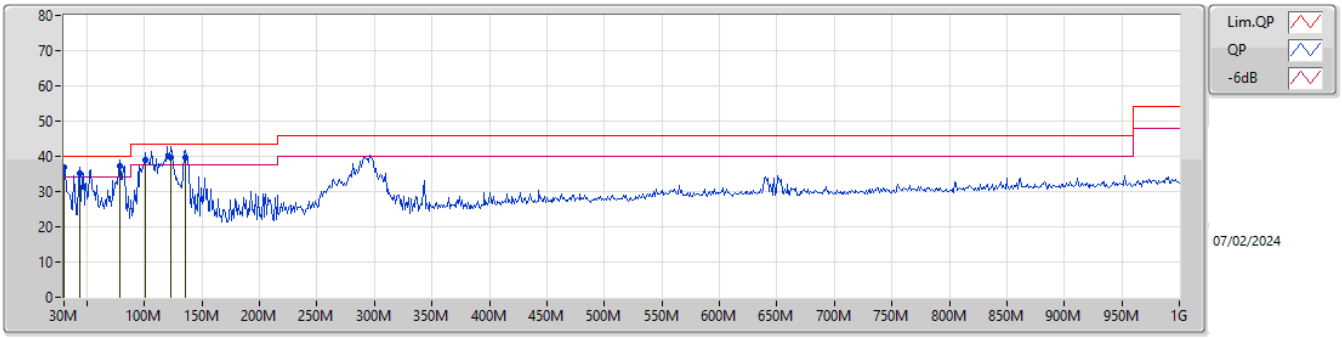
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	53.28M	38.62	40.00	-1.38	Vertical

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/m)	(dB/m)	(dB)	(dB)
QP	34.85M	37.26	40.00	-2.74	-22.26	3	Vertical	43	1.00	-	59.52	21.35	0.71	44.32
QP	53.28M	38.62	40.00	-1.38	-31.40	3	Vertical	253	1.25	"Worst"	70.02	12.36	0.86	44.62
QP	66.86M	38.57	40.00	-1.43	-32.32	3	Vertical	178	1.00	-	70.89	11.39	0.92	44.63
PK	113.42M	39.05	43.50	-4.45	-26.37	3	Vertical	150	1.25	-	65.42	17.04	1.21	44.62
PK	249.22M	42.62	46.00	-3.38	-25.27	3	Vertical	166	2.00	-	67.89	17.38	1.73	44.38
PK	263.77M	41.21	46.00	-4.79	-23.53	3	Vertical	166	2.00	-	64.74	19.02	1.80	44.35

Mode 2



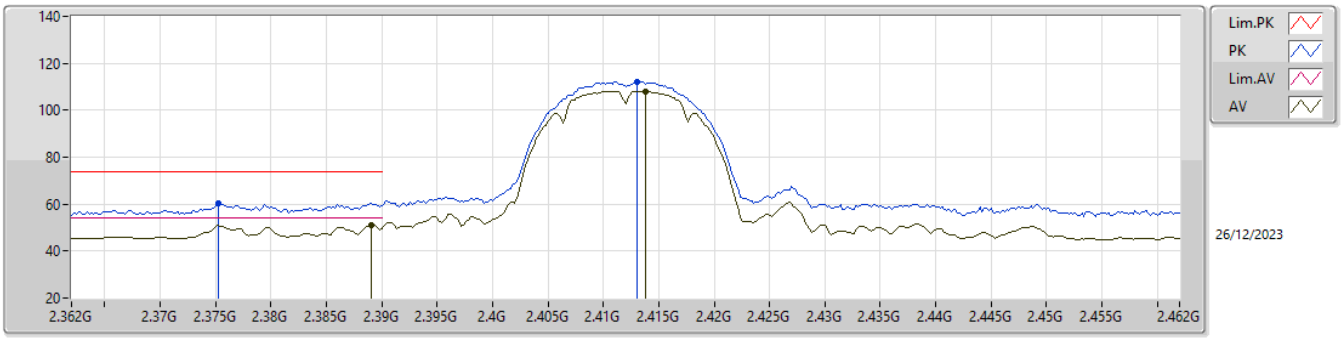
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	37.00	40.00	-3.00	-19.56	3	Horizontal	177	1.25	-	56.56	24.08	0.68	44.32
QP	43.58M	35.05	40.00	-4.95	-27.26	3	Horizontal	174	1.25	-	62.31	16.35	0.82	44.43
QP	78.5M	37.12	40.00	-2.88	-31.71	3	Horizontal	131	1.25	"Worst"	68.83	11.88	1.00	44.59
QP	100.81M	39.06	43.50	-4.44	-27.52	3	Horizontal	162	2.00	-	66.58	15.94	1.14	44.60
QP	123.12M	39.82	43.50	-3.68	-26.18	3	Horizontal	156	2.00	-	66.00	17.20	1.25	44.63
QP	135.73M	39.73	43.50	-3.77	-26.65	3	Horizontal	156	2.00	-	66.38	16.66	1.30	44.61

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	AV	2.3896G	52.80	54.00	-1.20	3	Vertical	38	2.02	-

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

2412MHz_TX

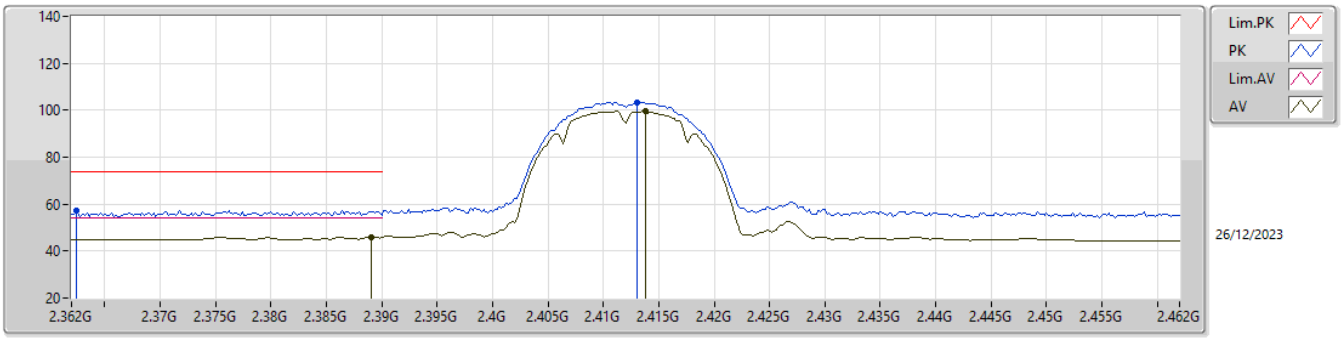


EUT Y_1TX
Setting 20.5
06-C-P-5

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	2.3752G	60.43	74.00	-13.57	27.99	3	Vertical	47	1.80	-	27.75	4.69	-
AV	2.389G	51.19	54.00	-2.81	18.78	3	Vertical	47	1.80	-	27.70	4.71	-
PK	2.413G	112.09	Inf	-Inf	79.76	3	Vertical	47	1.80	-	27.60	4.73	-
AV	2.4138G	108.18	Inf	-Inf	75.85	3	Vertical	47	1.80	-	27.60	4.73	-

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

2412MHz_TX

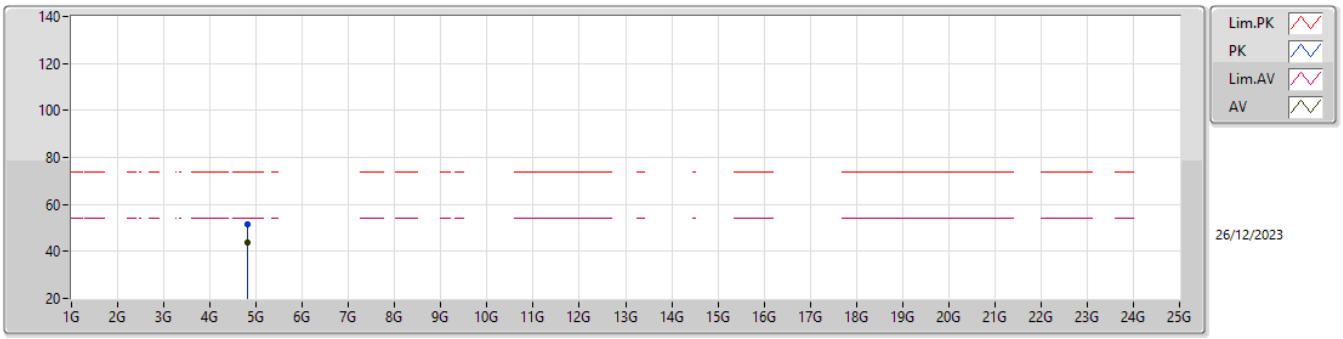


EUT Y_1TX
Setting 20.5
06-C-P-5

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	2.3624G	57.43	74.00	-16.57	24.87	3	Horizontal	244	2.50	-	27.88	4.68	-
AV	2.389G	45.96	54.00	-8.04	13.55	3	Horizontal	244	2.50	-	27.70	4.71	-
PK	2.413G	103.42	Inf	-Inf	71.09	3	Horizontal	244	2.50	-	27.60	4.73	-
AV	2.4138G	99.46	Inf	-Inf	67.13	3	Horizontal	244	2.50	-	27.60	4.73	-

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

2412MHz_TX

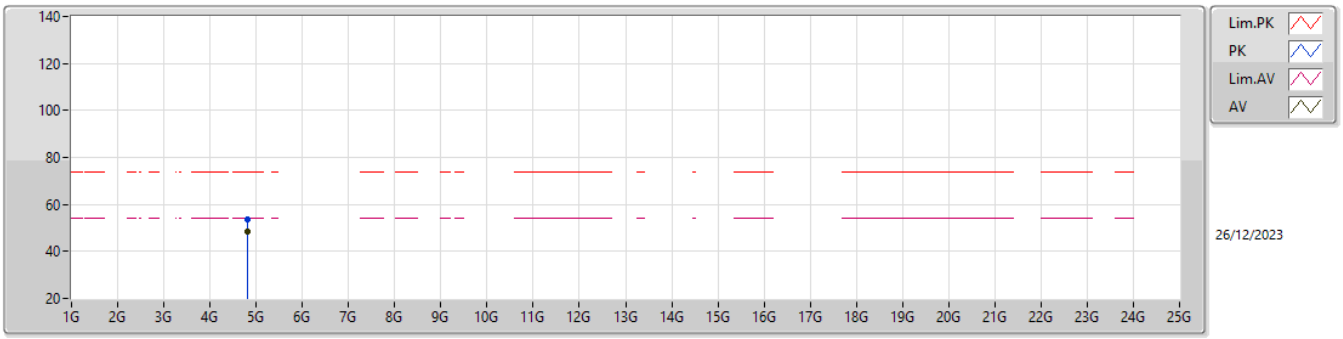


EUT Y_1TX
Setting 20.5
06-C-P-5

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	4.82408G	51.36	74.00	-22.64	43.85	3	Vertical	238	2.88	-	31.30	6.69	30.48
AV	4.824G	43.81	54.00	-10.19	36.30	3	Vertical	238	2.88	-	31.30	6.69	30.48

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

2412MHz_TX

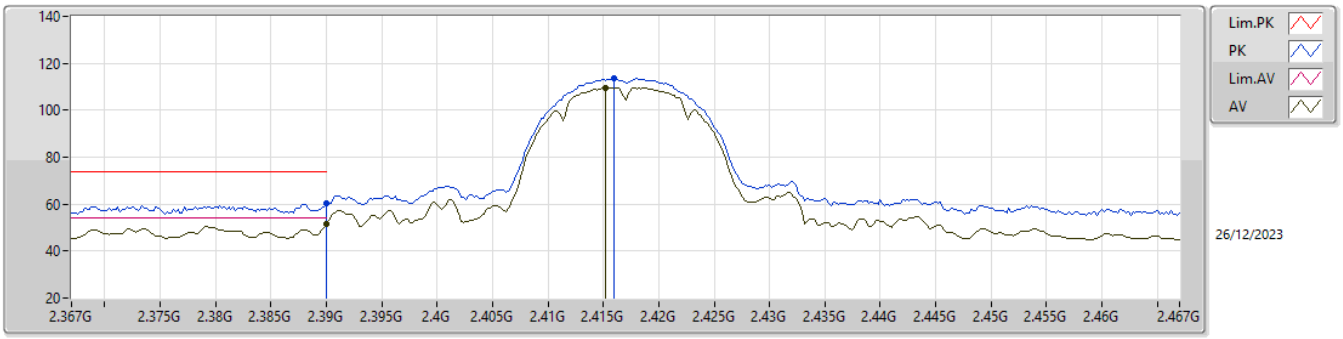


EUT Y_1TX
Setting 20.5
06-C-P-5

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	53.76	74.00	-20.24	46.25	3	Horizontal	135	1.77	-	31.30	6.69	30.48
AV	4.824G	48.70	54.00	-5.30	41.19	3	Horizontal	135	1.77	-	31.30	6.69	30.48

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

2417MHz_TX

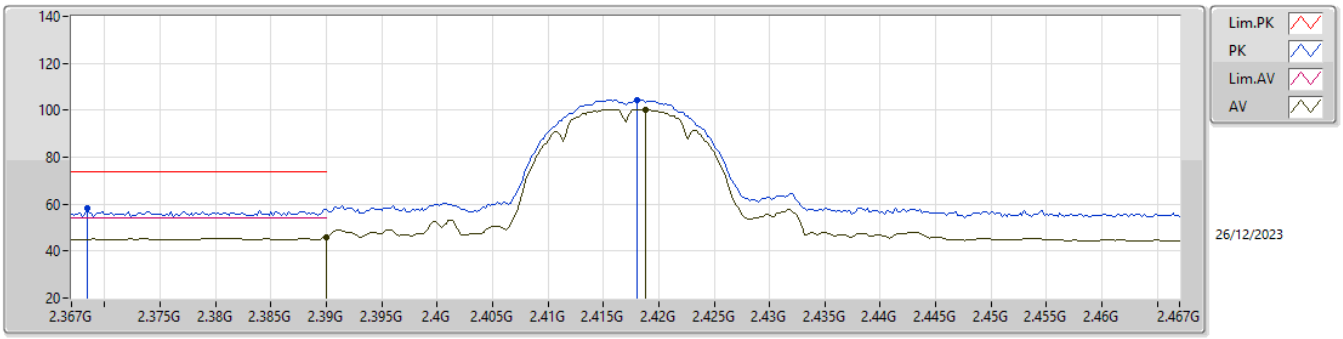


EUT Y_1TX
Setting 21.5
06-C-P-5

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	60.48	74.00	-13.52	28.07	3	Vertical	50	2.27	-	27.70	4.71	-
AV	2.39G	51.72	54.00	-2.28	19.31	3	Vertical	50	2.27	-	27.70	4.71	-
PK	2.416G	113.51	Inf	-Inf	81.18	3	Vertical	50	2.27	-	27.60	4.73	-
AV	2.4152G	109.60	Inf	-Inf	77.27	3	Vertical	50	2.27	-	27.60	4.73	-

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

2417MHz_TX

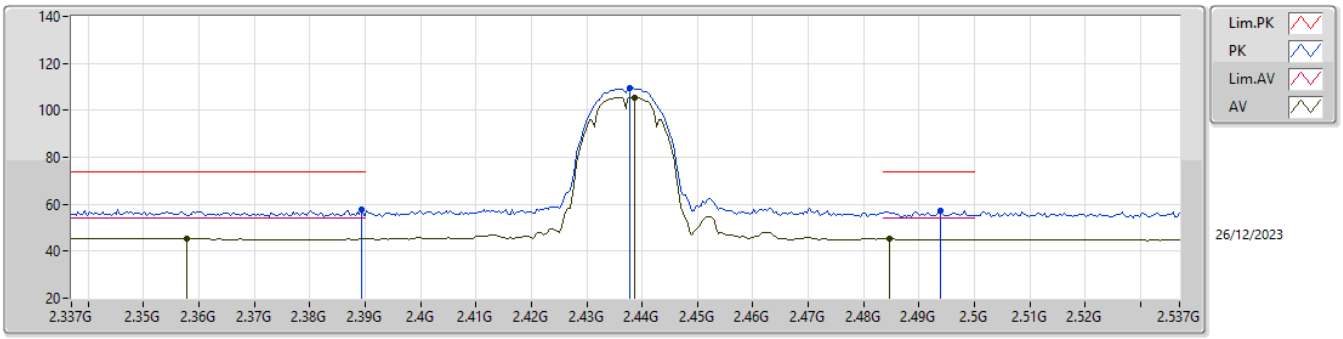


EUT Y_1TX
Setting 21.5
06-C-P-5

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	2.3684G	58.22	74.00	-15.78	25.71	3	Horizontal	254	2.74	-	27.82	4.69	-
AV	2.39G	45.95	54.00	-8.05	13.54	3	Horizontal	254	2.74	-	27.70	4.71	-
PK	2.418G	104.43	Inf	-Inf	72.09	3	Horizontal	254	2.74	-	27.60	4.74	-
AV	2.4188G	100.43	Inf	-Inf	68.09	3	Horizontal	254	2.74	-	27.60	4.74	-

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

2437MHz_TX

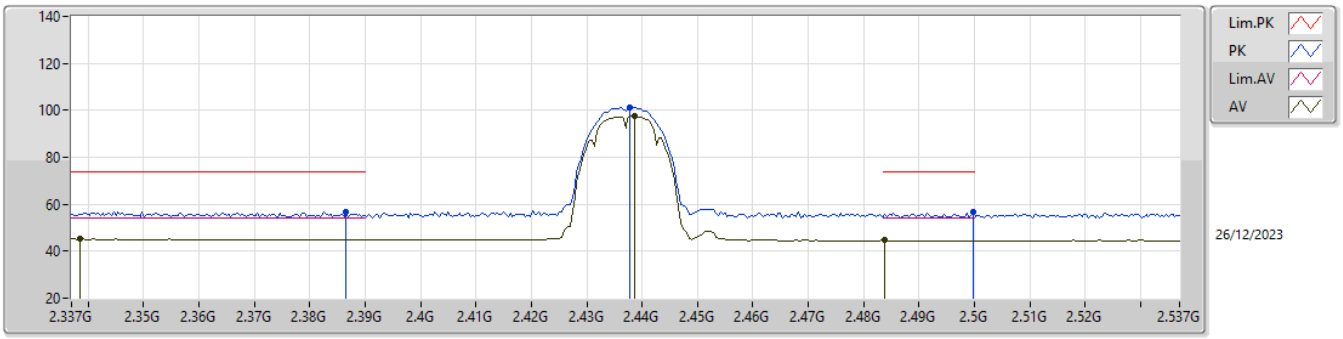


EUT Y_1TX
Setting 17.5
06-C-P-5

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	57.74	74.00	-16.26	25.33	3	Vertical	52	1.96	-	27.70	4.71	-
AV	2.3578G	45.43	54.00	-8.57	12.85	3	Vertical	52	1.96	-	27.90	4.68	-
PK	2.4378G	109.36	Inf	-Inf	77.11	3	Vertical	52	1.96	-	27.50	4.75	-
AV	2.4386G	105.51	Inf	-Inf	73.26	3	Vertical	52	1.96	-	27.50	4.75	-
PK	2.4938G	57.06	74.00	-16.94	24.86	3	Vertical	52	1.96	-	27.40	4.80	-
AV	2.4846G	45.42	54.00	-8.58	13.22	3	Vertical	52	1.96	-	27.40	4.80	-

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

2437MHz_TX

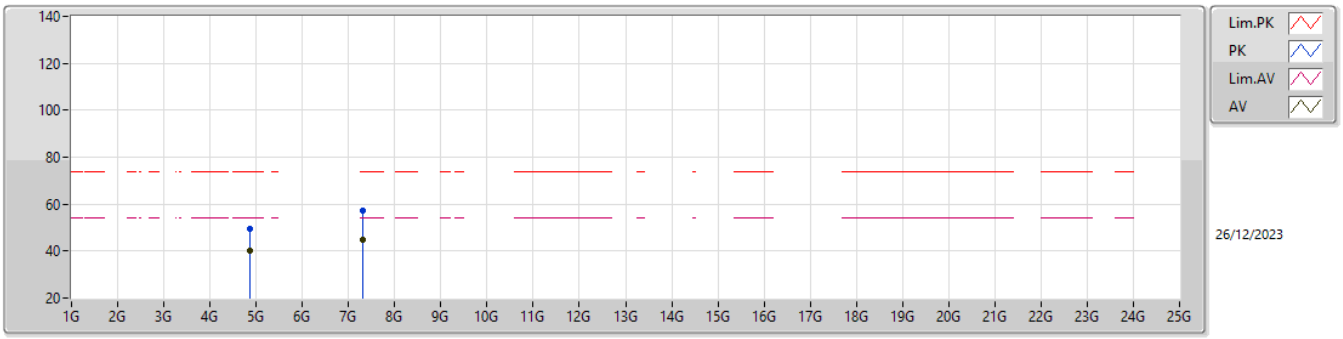


EUT Y_1TX
Setting 17.5
06-C-P-5

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	56.81	74.00	-17.19	24.40	3	Horizontal	252	2.68	-	27.70	4.71	-
AV	2.3386G	45.14	54.00	-8.86	12.57	3	Horizontal	252	2.68	-	27.91	4.66	-
PK	2.4378G	101.40	Inf	-Inf	69.15	3	Horizontal	252	2.68	-	27.50	4.75	-
AV	2.4386G	97.52	Inf	-Inf	65.27	3	Horizontal	252	2.68	-	27.50	4.75	-
PK	2.4998G	56.47	74.00	-17.53	24.26	3	Horizontal	252	2.68	-	27.40	4.81	-
AV	2.4838G	44.60	54.00	-9.40	12.40	3	Horizontal	252	2.68	-	27.40	4.80	-

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

2437MHz_TX

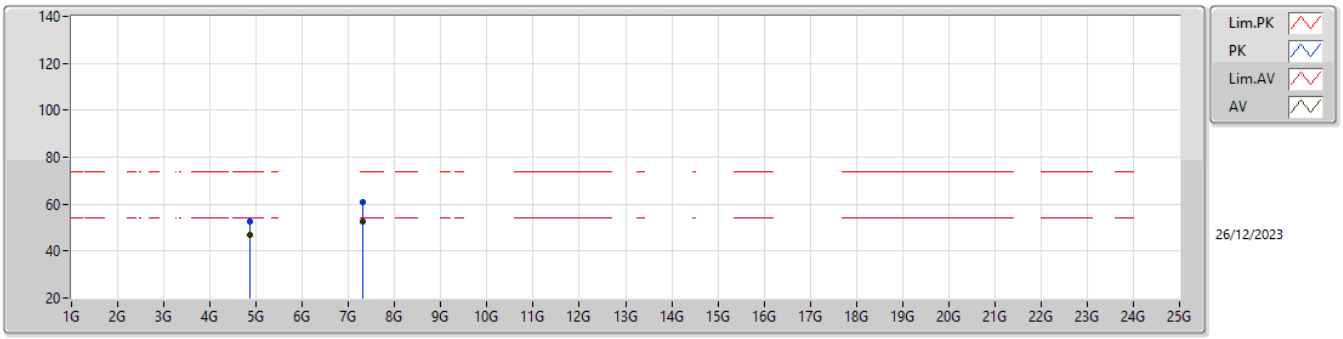


EUT Y_1TX
Setting 17.5
06-C-P-5

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	4.8742G	49.30	74.00	-24.70	41.71	3	Vertical	80	1.93	-	31.30	6.73	30.44
AV	4.874G	40.27	54.00	-13.73	32.68	3	Vertical	80	1.93	-	31.30	6.73	30.44
PK	7.30928G	57.28	74.00	-16.72	43.73	3	Vertical	40	1.88	-	36.60	8.34	31.39
AV	7.31028G	45.06	54.00	-8.94	31.51	3	Vertical	40	1.88	-	36.60	8.34	31.39

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

2437MHz_TX

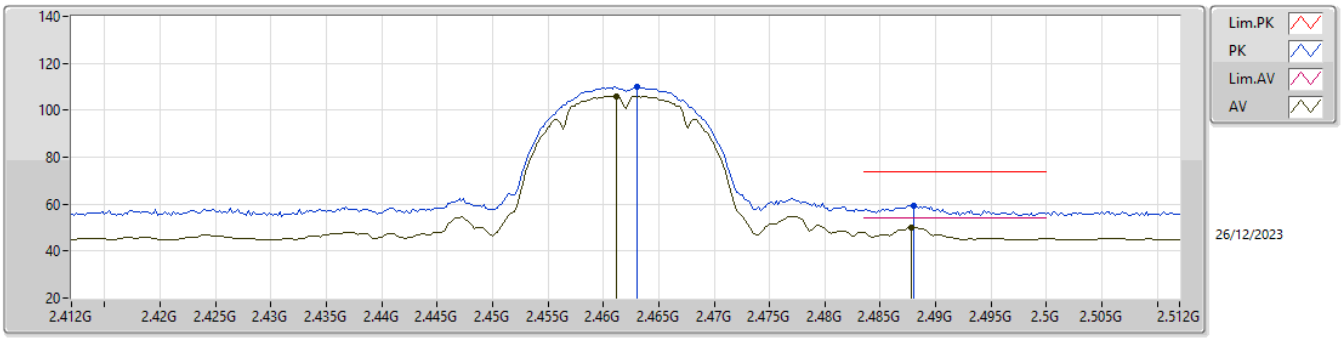


EUT Y_1TX
Setting 17.5
06-C-P-5

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	52.33	74.00	-21.67	44.74	3	Horizontal	132	1.80	-	31.30	6.73	30.44
AV	4.874G	46.73	54.00	-7.27	39.14	3	Horizontal	132	1.80	-	31.30	6.73	30.44
PK	7.31356G	60.79	74.00	-13.21	47.24	3	Horizontal	242	2.95	-	36.60	8.34	31.39
AV	7.31028G	52.41	54.00	-1.59	38.86	3	Horizontal	242	2.95	-	36.60	8.34	31.39

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

2462MHz_TX

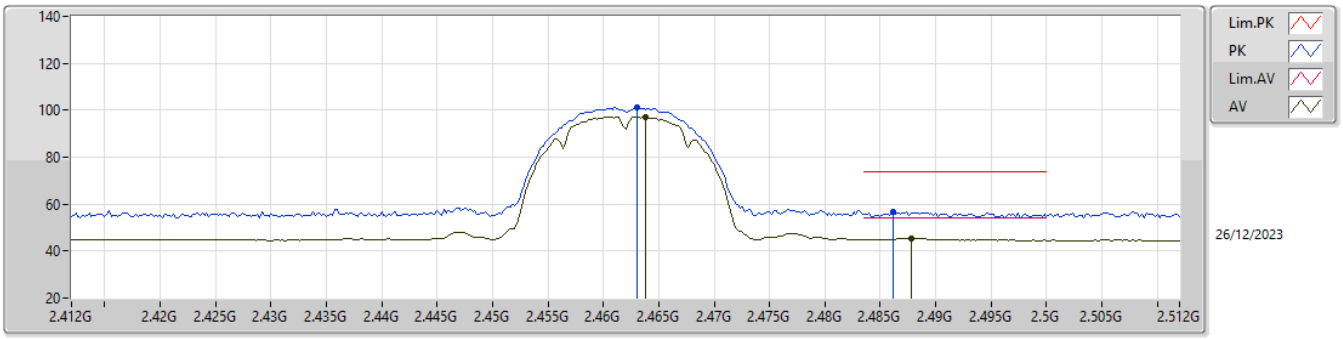


EUT Y_1TX
Setting 18
06-C-P-5

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	2.463G	109.85	Inf	-Inf	77.67	3	Vertical	50	1.71	-	27.40	4.78	-
AV	2.4612G	105.92	Inf	-Inf	73.74	3	Vertical	50	1.71	-	27.40	4.78	-
PK	2.488G	59.54	74.00	-14.46	27.34	3	Vertical	50	1.71	-	27.40	4.80	-
AV	2.4878G	50.09	54.00	-3.91	17.89	3	Vertical	50	1.71	-	27.40	4.80	-

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

2462MHz_TX

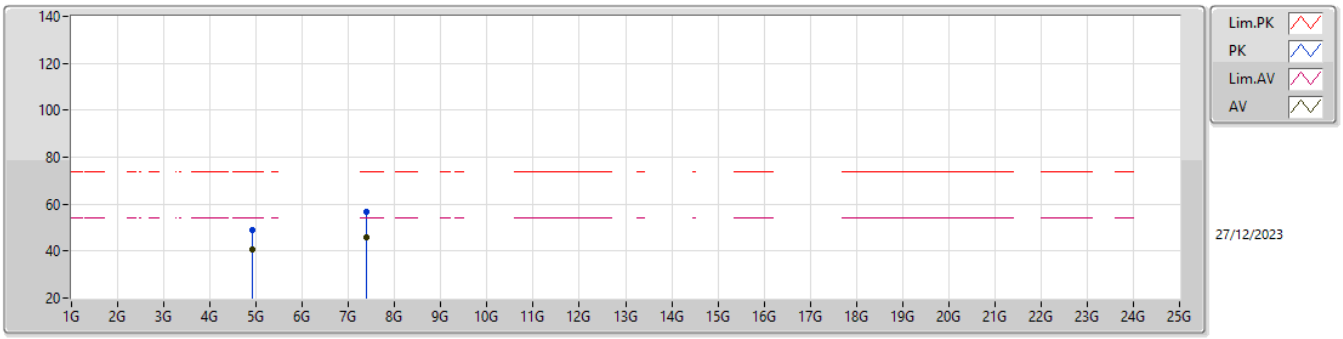


EUT Y_1TX
Setting 18
06-C-P-5

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	2.463G	101.07	Inf	-Inf	68.89	3	Horizontal	252	2.62	-	27.40	4.78	-
AV	2.4638G	97.11	Inf	-Inf	64.93	3	Horizontal	252	2.62	-	27.40	4.78	-
PK	2.4862G	56.73	74.00	-17.27	24.53	3	Horizontal	252	2.62	-	27.40	4.80	-
AV	2.4878G	45.44	54.00	-8.56	13.24	3	Horizontal	252	2.62	-	27.40	4.80	-

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

2462MHz_TX

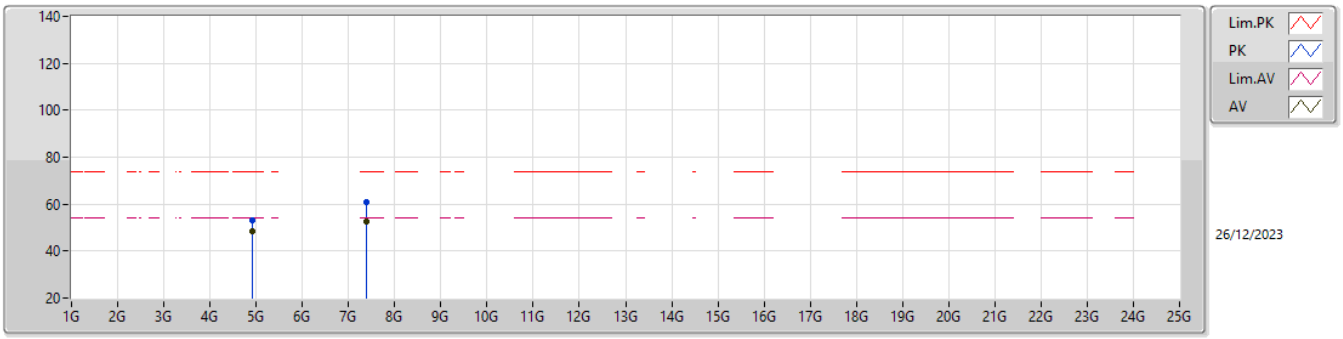


EUT Y_1TX
Setting 18
06-C-P-5

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	4.92412G	49.22	74.00	-24.78	41.44	3	Vertical	11	1.23	-	31.40	6.78	30.40
AV	4.924G	40.91	54.00	-13.09	33.13	3	Vertical	11	1.23	-	31.40	6.78	30.40
PK	7.39184G	56.51	74.00	-17.49	42.87	3	Vertical	113	2.33	-	36.60	8.34	31.30
AV	7.38764G	45.70	54.00	-8.30	32.06	3	Vertical	113	2.33	-	36.60	8.34	31.30

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

2462MHz_TX

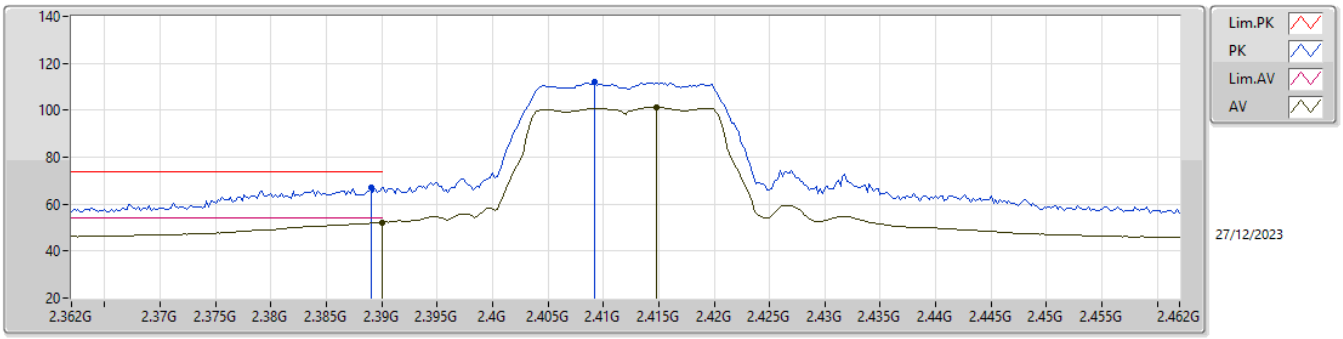


EUT Y_1TX
Setting 18
06-C-P-5

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	4.92392G	53.15	74.00	-20.85	45.37	3	Horizontal	129	1.80	-	31.40	6.78	30.40
AV	4.924G	48.26	54.00	-5.74	40.48	3	Horizontal	129	1.80	-	31.40	6.78	30.40
PK	7.38452G	61.10	74.00	-12.90	47.46	3	Horizontal	200	2.50	-	36.60	8.34	31.30
AV	7.38524G	52.73	54.00	-1.27	39.09	3	Horizontal	200	2.50	-	36.60	8.34	31.30

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

2412MHz_TX

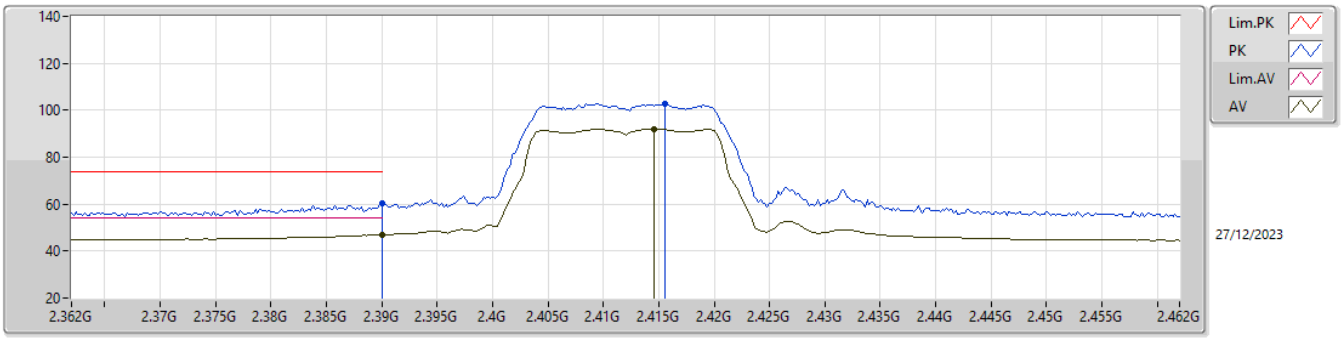


EUT Y_1TX
Setting 18.5
06-C-P-5

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	66.89	74.00	-7.11	34.48	3	Vertical	49	2.27	-	27.70	4.71	-
AV	2.39G	52.30	54.00	-1.70	19.89	3	Vertical	49	2.27	-	27.70	4.71	-
PK	2.4092G	111.83	Inf	-Inf	79.49	3	Vertical	49	2.27	-	27.61	4.73	-
AV	2.4148G	101.29	Inf	-Inf	68.96	3	Vertical	49	2.27	-	27.60	4.73	-

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

2412MHz_TX

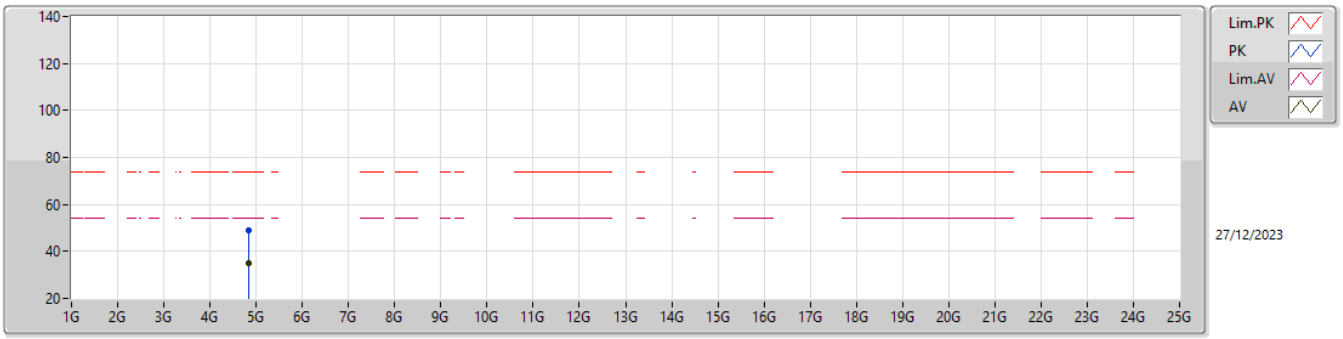


EUT Y_1TX
Setting 18.5
06-C-P-5

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	60.30	74.00	-13.70	27.89	3	Horizontal	255	2.75	-	27.70	4.71	-
AV	2.39G	46.91	54.00	-7.09	14.50	3	Horizontal	255	2.75	-	27.70	4.71	-
PK	2.4156G	102.78	Inf	-Inf	70.45	3	Horizontal	255	2.75	-	27.60	4.73	-
AV	2.4146G	92.07	Inf	-Inf	59.74	3	Horizontal	255	2.75	-	27.60	4.73	-

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

2412MHz_TX

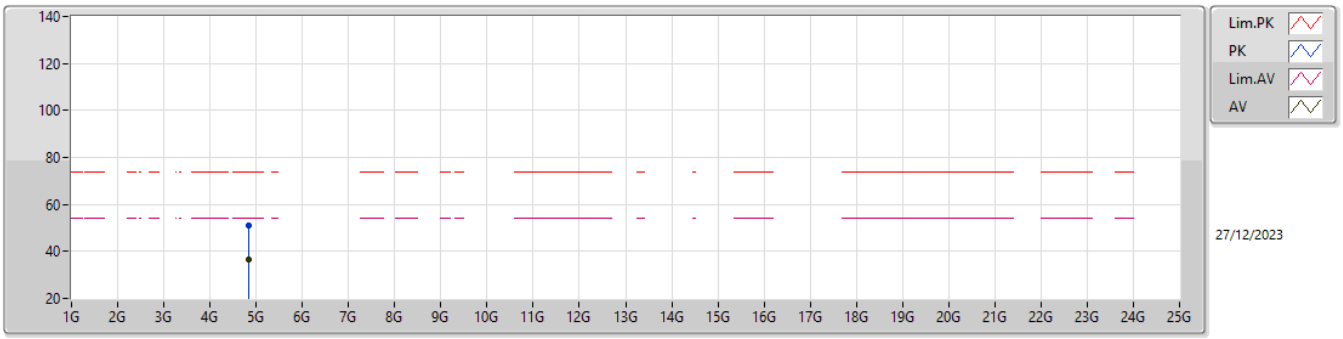


EUT Y_1TX
Setting 18.5
06-C-P-5

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	4.82888G	49.17	74.00	-24.83	41.66	3	Vertical	50	1.24	-	31.30	6.69	30.48
AV	4.82864G	35.04	54.00	-18.96	27.53	3	Vertical	50	1.24	-	31.30	6.69	30.48

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

2412MHz_TX

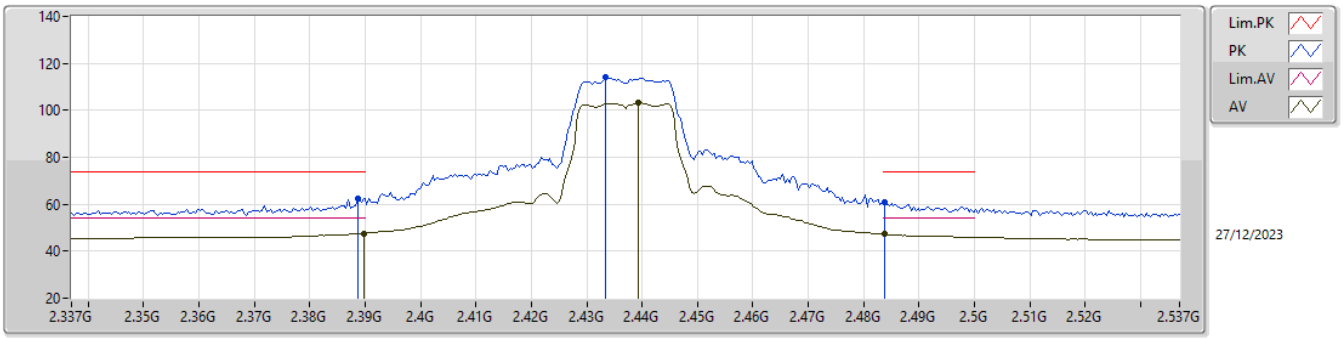


EUT Y_1TX
Setting 18.5
06-C-P-5

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	4.82584G	50.91	74.00	-23.09	43.40	3	Horizontal	127	1.80	-	31.30	6.69	30.48
AV	4.82564G	36.58	54.00	-17.42	29.07	3	Horizontal	127	1.80	-	31.30	6.69	30.48

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

2437MHz_TX

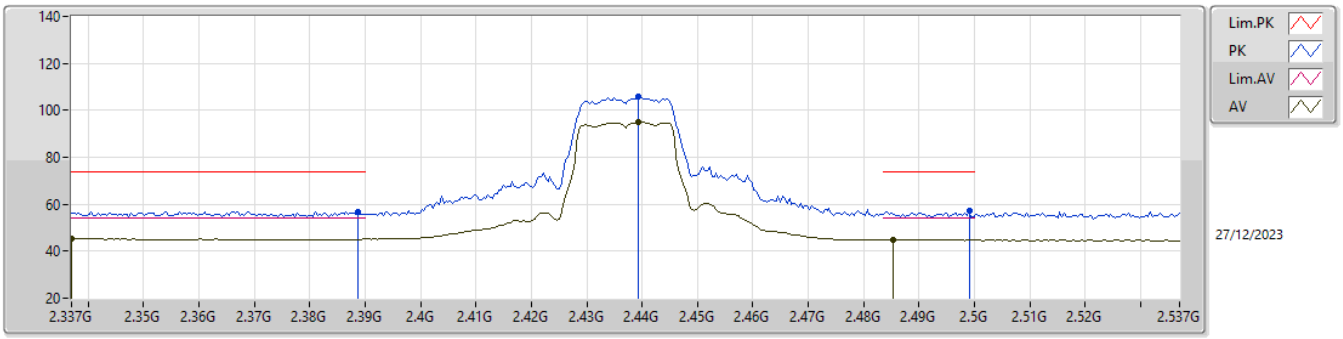


EUT Y_1TX
Setting 20.5
06-C-P-5

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	62.36	74.00	-11.64	29.95	3	Vertical	51	1.95	-	27.70	4.71	-
AV	2.3898G	47.62	54.00	-6.38	15.21	3	Vertical	51	1.95	-	27.70	4.71	-
PK	2.4334G	113.95	Inf	-Inf	81.70	3	Vertical	51	1.95	-	27.50	4.75	-
AV	2.4394G	103.22	Inf	-Inf	70.96	3	Vertical	51	1.95	-	27.50	4.76	-
PK	2.4838G	60.63	74.00	-13.37	28.43	3	Vertical	51	1.95	-	27.40	4.80	-
AV	2.4838G	47.23	54.00	-6.77	15.03	3	Vertical	51	1.95	-	27.40	4.80	-

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

2437MHz_TX

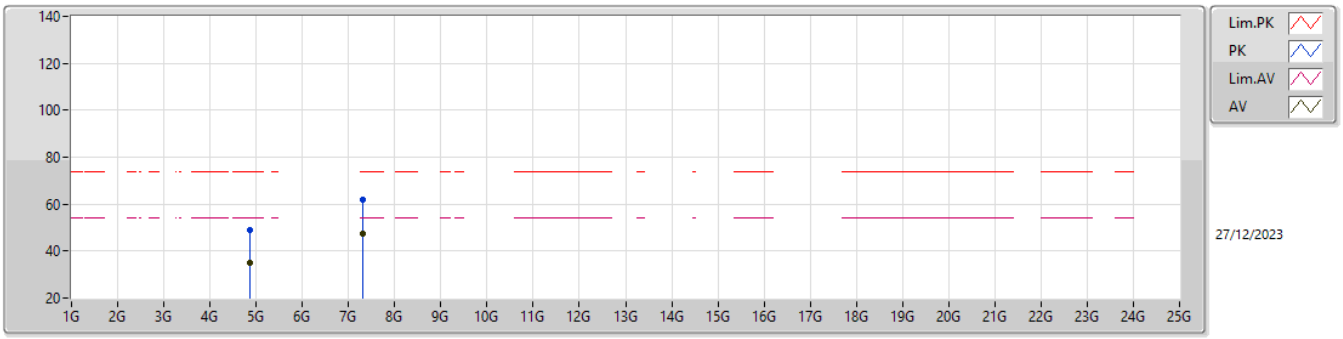


EUT Y_1TX
Setting 20.5
06-C-P-5

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	56.96	74.00	-17.04	24.55	3	Horizontal	253.1	2.68	-	27.70	4.71	-
AV	2.337G	45.16	54.00	-8.84	12.58	3	Horizontal	253.1	2.68	-	27.93	4.65	-
PK	2.4394G	105.75	Inf	-Inf	73.49	3	Horizontal	253.1	2.68	-	27.50	4.76	-
AV	2.4394G	95.07	Inf	-Inf	62.81	3	Horizontal	253.1	2.68	-	27.50	4.76	-
PK	2.499G	57.18	74.00	-16.82	24.97	3	Horizontal	253.1	2.68	-	27.40	4.81	-
AV	2.4854G	44.85	54.00	-9.15	12.65	3	Horizontal	253.1	2.68	-	27.40	4.80	-

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

2437MHz_TX

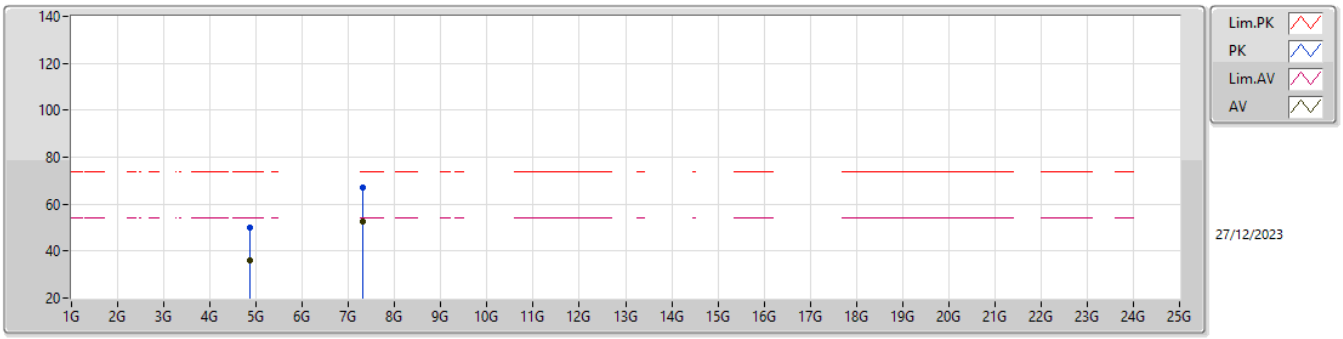


EUT Y_1TX
Setting 20.5
06-C-P-5

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	4.86932G	48.99	74.00	-25.01	41.40	3	Vertical	120	1.69	-	31.30	6.73	30.44
AV	4.86476G	34.84	54.00	-19.16	27.26	3	Vertical	120	1.69	-	31.30	6.73	30.45
PK	7.314G	61.96	74.00	-12.04	48.41	3	Vertical	7	2.89	-	36.60	8.34	31.39
AV	7.3137G	47.22	54.00	-6.78	33.67	3	Vertical	7	2.89	-	36.60	8.34	31.39

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

2437MHz_TX

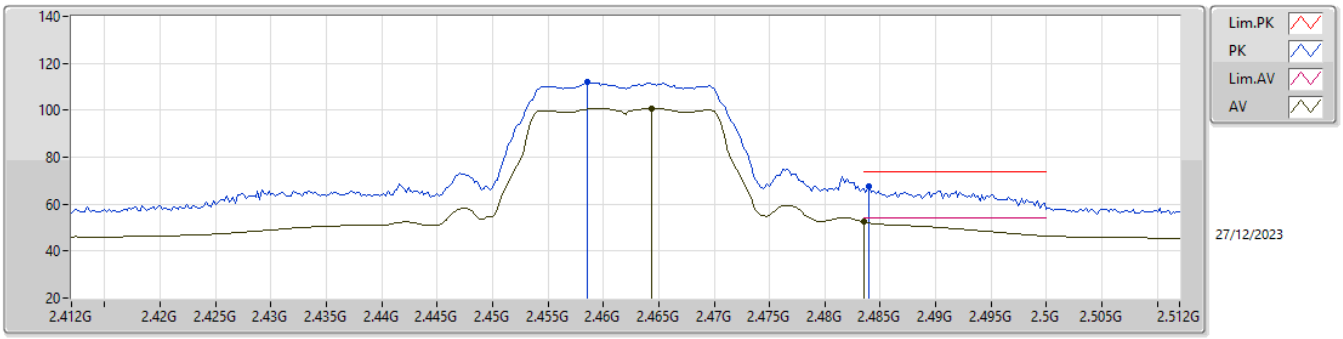


EUT Y_1TX
Setting 20.5
06-C-P-5

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	4.87286G	49.93	74.00	-24.07	42.34	3	Horizontal	263	1.66	-	31.30	6.73	30.44
AV	4.8749G	36.02	54.00	-17.98	28.43	3	Horizontal	263	1.66	-	31.30	6.73	30.44
PK	7.30974G	67.22	74.00	-6.78	53.67	3	Horizontal	247	2.98	-	36.60	8.34	31.39
AV	7.3101G	52.63	54.00	-1.37	39.08	3	Horizontal	247	2.98	-	36.60	8.34	31.39

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

2462MHz_TX

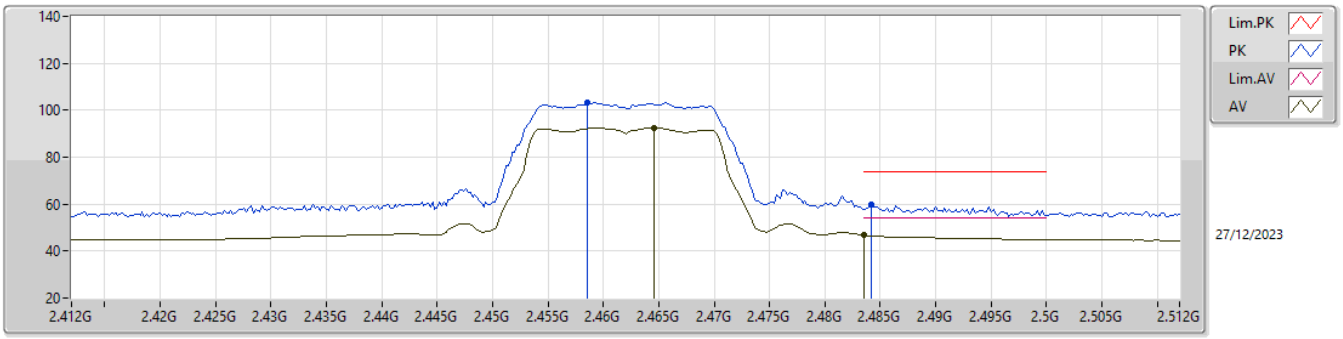


EUT Y_1TX
Setting 19
06-C-P-5

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	2.4586G	112.00	Inf	-Inf	79.82	3	Vertical	53	1.70	-	27.41	4.77	-
AV	2.4644G	100.81	Inf	-Inf	68.63	3	Vertical	53	1.70	-	27.40	4.78	-
PK	2.484G	67.42	74.00	-6.58	35.22	3	Vertical	53	1.70	-	27.40	4.80	-
AV	2.4835G	52.43	54.00	-1.57	20.23	3	Vertical	53	1.70	-	27.40	4.80	-

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

2462MHz_TX

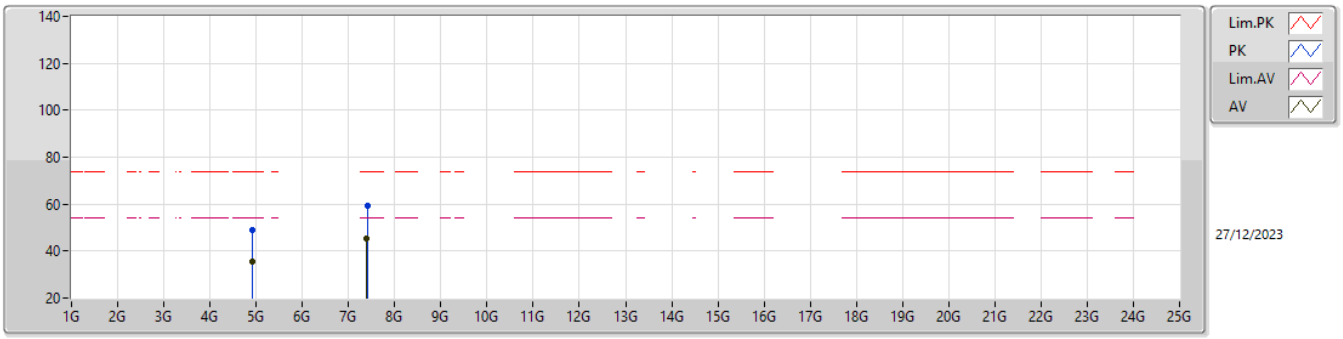


EUT Y_1TX
Setting 19
06-C-P-5

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	2.4586G	103.53	Inf	-Inf	71.35	3	Horizontal	252	2.62	-	27.41	4.77	-
AV	2.4646G	92.40	Inf	-Inf	60.22	3	Horizontal	252	2.62	-	27.40	4.78	-
PK	2.4842G	59.82	74.00	-14.18	27.62	3	Horizontal	252	2.62	-	27.40	4.80	-
AV	2.4835G	46.74	54.00	-7.26	14.54	3	Horizontal	252	2.62	-	27.40	4.80	-

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

2462MHz_TX

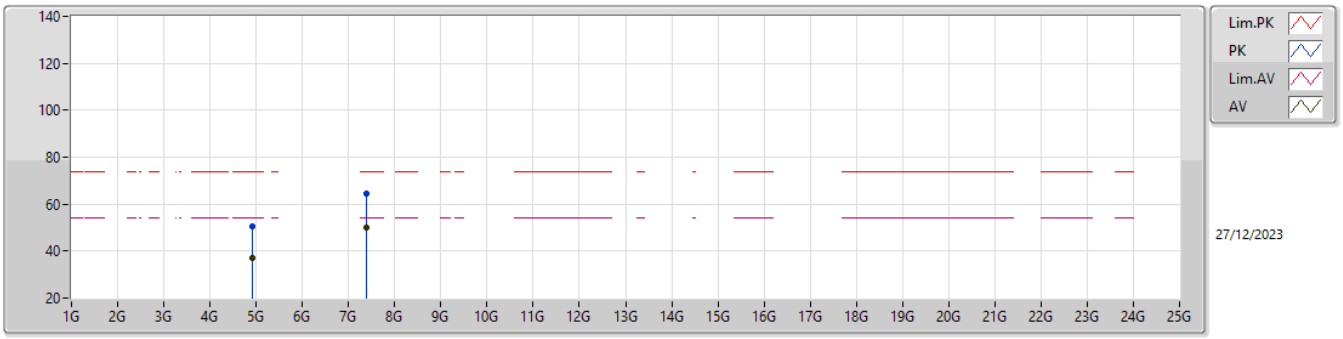


EUT Y_1TX
Setting 19
06-C-P-5

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	4.92496G	48.92	74.00	-25.08	41.14	3	Vertical	249	1.80	-	31.40	6.78	30.40
AV	4.92416G	35.71	54.00	-18.29	27.93	3	Vertical	249	1.80	-	31.40	6.78	30.40
PK	7.40176G	59.21	74.00	-14.79	45.55	3	Vertical	17	1.78	-	36.60	8.34	31.28
AV	7.38656G	45.29	54.00	-8.71	31.65	3	Vertical	17	1.78	-	36.60	8.34	31.30

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

2462MHz_TX

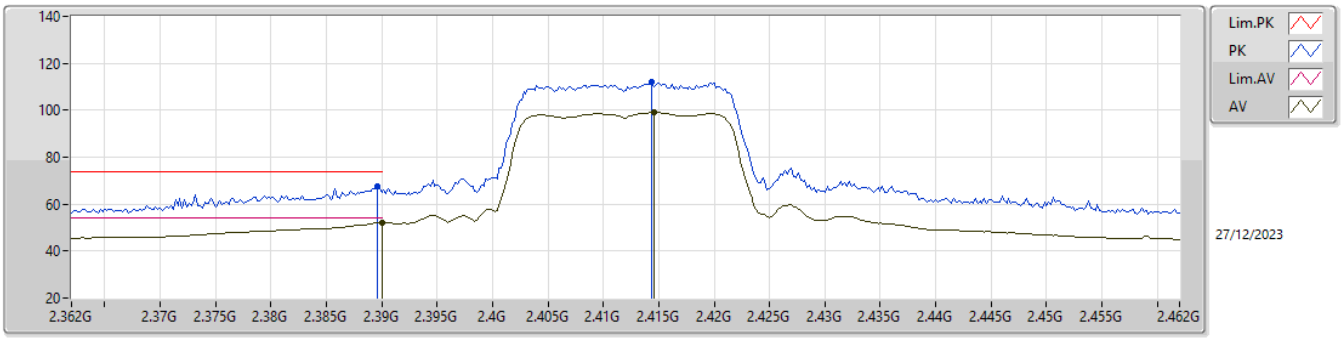


EUT Y_1TX
Setting 19
06-C-P-5

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	4.92528G	50.64	74.00	-23.36	42.86	3	Horizontal	131	1.79	-	31.40	6.78	30.40
AV	4.92288G	36.83	54.00	-17.17	29.07	3	Horizontal	131	1.79	-	31.39	6.77	30.40
PK	7.3826G	64.29	74.00	-9.71	50.66	3	Horizontal	244	2.94	-	36.60	8.34	31.31
AV	7.3854G	49.80	54.00	-4.20	36.16	3	Horizontal	244	2.94	-	36.60	8.34	31.30

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

2412MHz_TX

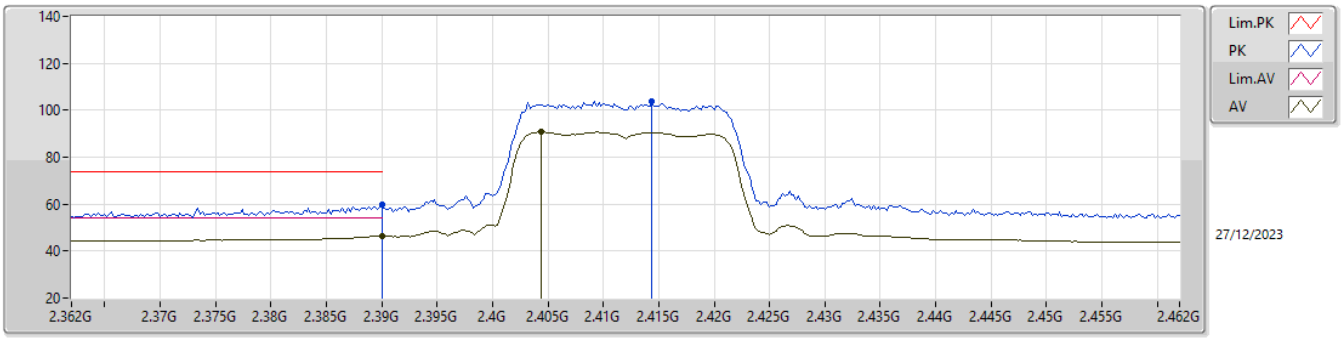


EUT Y_1TX
Setting 18.5
06-C-P-5

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	67.79	74.00	-6.21	35.38	3	Vertical	38	2.04	-	27.70	4.71	-
AV	2.39G	52.12	54.00	-1.88	19.71	3	Vertical	38	2.04	-	27.70	4.71	-
PK	2.4144G	111.95	Inf	-Inf	79.62	3	Vertical	38	2.04	-	27.60	4.73	-
AV	2.4146G	99.10	Inf	-Inf	66.77	3	Vertical	38	2.04	-	27.60	4.73	-

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

2412MHz_TX

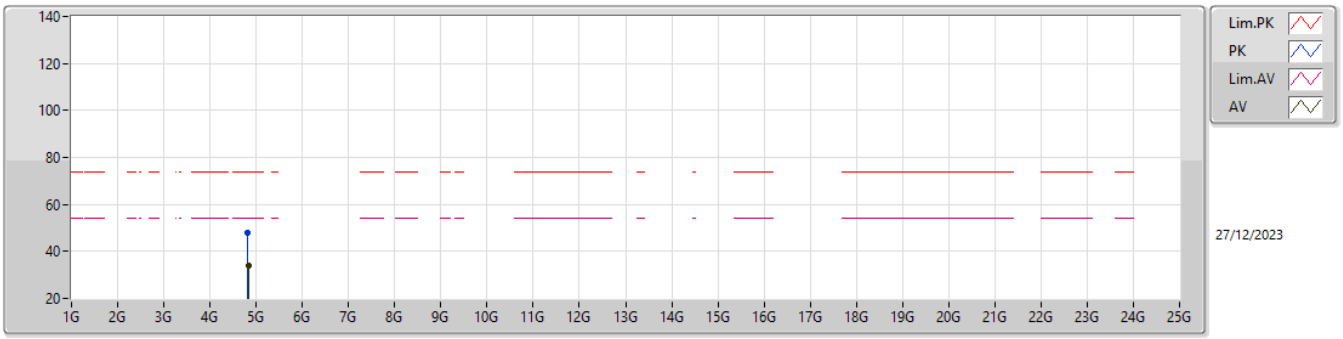


EUT Y_1TX
Setting 18.5
06-C-P-5

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	59.77	74.00	-14.23	27.36	3	Horizontal	109	2.24	-	27.70	4.71	-
AV	2.39G	46.29	54.00	-7.71	13.88	3	Horizontal	109	2.24	-	27.70	4.71	-
PK	2.4144G	103.77	Inf	-Inf	71.44	3	Horizontal	109	2.24	-	27.60	4.73	-
AV	2.4044G	90.75	Inf	-Inf	58.37	3	Horizontal	109	2.24	-	27.66	4.72	-

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

2412MHz_TX

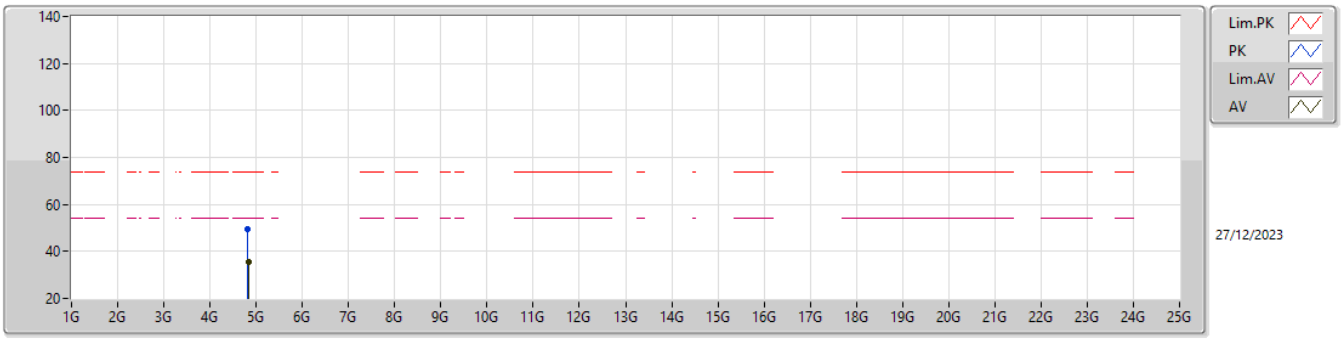


EUT Y_1TX
Setting 18.5
06-C-P-5

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	4.81912G	48.04	74.00	-25.96	40.54	3	Vertical	171	1.90	-	31.30	6.69	30.49
AV	4.82972G	34.07	54.00	-19.93	26.55	3	Vertical	171	1.90	-	31.30	6.70	30.48

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

2412MHz_TX

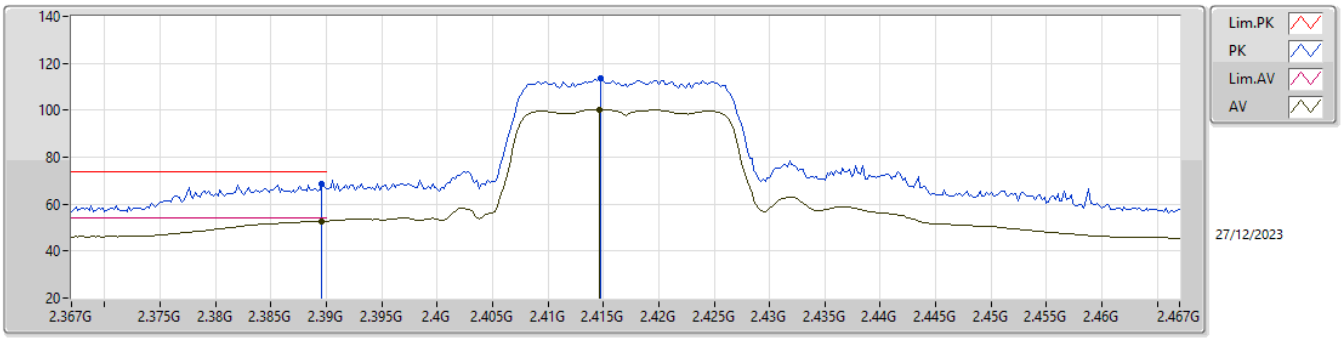


EUT Y_1TX
Setting 18.5
06-C-P-5

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	4.82296G	49.57	74.00	-24.43	42.07	3	Horizontal	232	1.80	-	31.30	6.69	30.49
AV	4.82504G	35.45	54.00	-18.55	27.94	3	Horizontal	232	1.80	-	31.30	6.69	30.48

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

2417MHz_TX

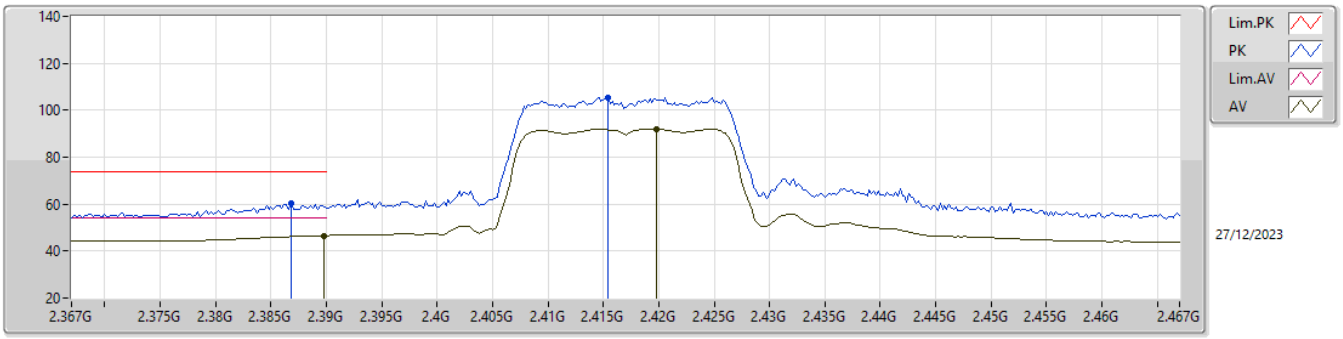


EUT Y_1TX
Setting 19.5
06-C-P-5

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	68.42	74.00	-5.58	36.01	3	Vertical	38	2.02	-	27.70	4.71	-
AV	2.3896G	52.80	54.00	-1.20	20.39	3	Vertical	38	2.02	-	27.70	4.71	-
PK	2.4148G	113.76	Inf	-Inf	81.43	3	Vertical	38	2.02	-	27.60	4.73	-
AV	2.4146G	100.34	Inf	-Inf	68.01	3	Vertical	38	2.02	-	27.60	4.73	-

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

2417MHz_TX

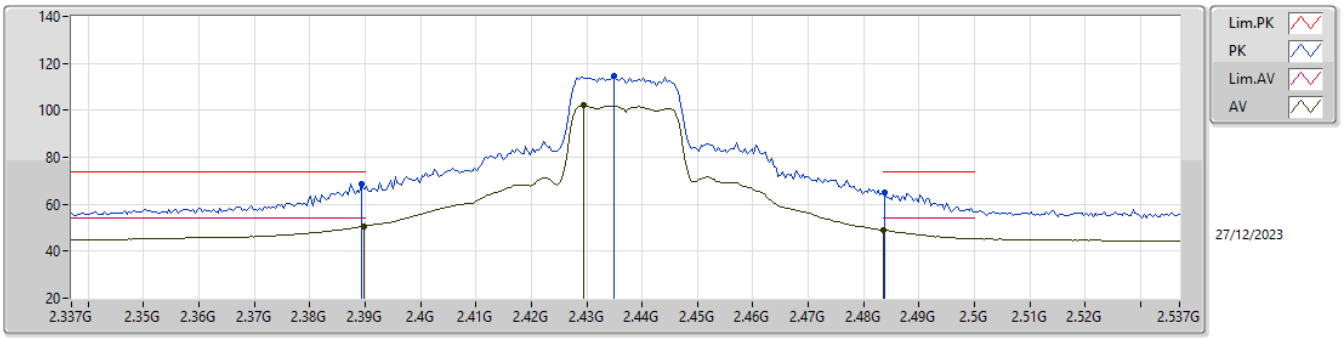


EUT Y_1TX
Setting 19.5
06-C-P-5

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	2.3868G	60.19	74.00	-13.81	27.78	3	Horizontal	253	2.74	-	27.70	4.71	-
AV	2.3898G	46.56	54.00	-7.44	14.15	3	Horizontal	253	2.74	-	27.70	4.71	-
PK	2.4154G	105.54	Inf	-Inf	73.21	3	Horizontal	253	2.74	-	27.60	4.73	-
AV	2.4198G	92.09	Inf	-Inf	59.75	3	Horizontal	253	2.74	-	27.60	4.74	-

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

2437MHz_TX

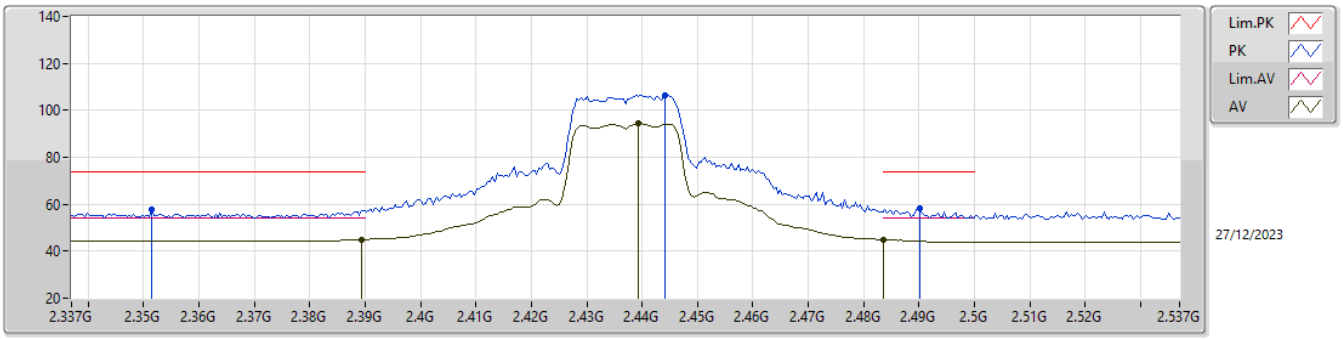


EUT Y_1TX
Setting 21.5
06-C-P-5

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	68.55	74.00	-5.45	36.14	3	Vertical	34	1.94	-	27.70	4.71	-
AV	2.3898G	50.74	54.00	-3.26	18.33	3	Vertical	34	1.94	-	27.70	4.71	-
PK	2.435G	114.41	Inf	-Inf	82.16	3	Vertical	34	1.94	-	27.50	4.75	-
AV	2.4294G	102.08	Inf	-Inf	69.82	3	Vertical	34	1.94	-	27.51	4.75	-
PK	2.4838G	65.12	74.00	-8.88	32.92	3	Vertical	34	1.94	-	27.40	4.80	-
AV	2.4835G	48.92	54.00	-5.08	16.72	3	Vertical	34	1.94	-	27.40	4.80	-

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

2437MHz_TX

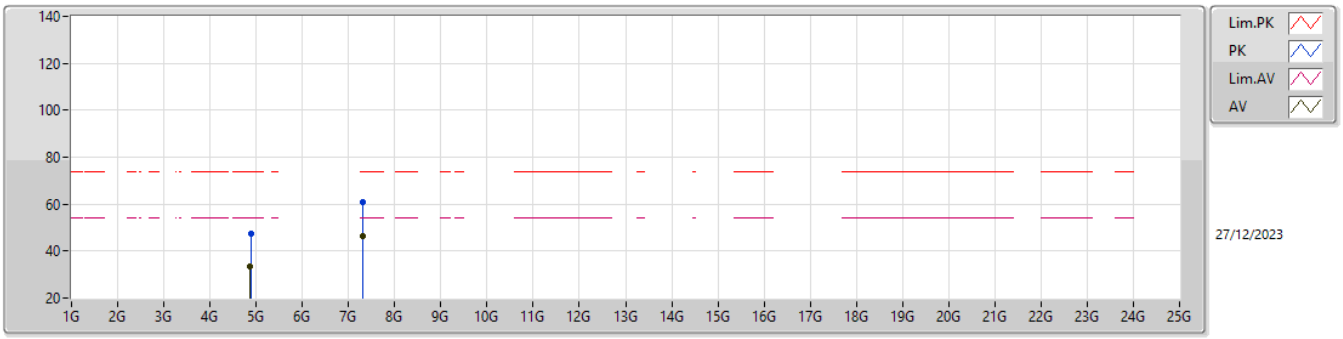


EUT Y_1TX
Setting 21.5
06-C-P-5

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	2.3514G	57.68	74.00	-16.32	25.11	3	Horizontal	255	2.66	-	27.90	4.67	-
AV	2.3894G	44.91	54.00	-9.09	12.50	3	Horizontal	255	2.66	-	27.70	4.71	-
PK	2.4442G	106.60	Inf	-Inf	74.34	3	Horizontal	255	2.66	-	27.50	4.76	-
AV	2.4394G	94.31	Inf	-Inf	62.05	3	Horizontal	255	2.66	-	27.50	4.76	-
PK	2.4902G	58.28	74.00	-15.72	26.08	3	Horizontal	255	2.66	-	27.40	4.80	-
AV	2.4835G	44.98	54.00	-9.02	12.78	3	Horizontal	255	2.66	-	27.40	4.80	-

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

2437MHz_TX

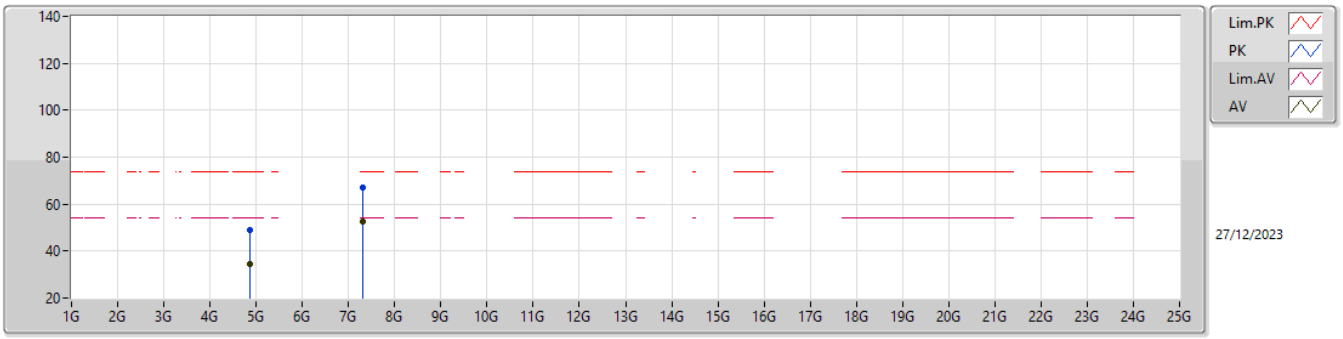


EUT Y_1TX
Setting 21.5
06-C-P-5

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	4.88912G	47.19	74.00	-26.81	39.57	3	Vertical	150	1.93	-	31.30	6.75	30.43
AV	4.86704G	33.63	54.00	-20.37	26.05	3	Vertical	150	1.93	-	31.30	6.73	30.45
PK	7.3086G	60.82	74.00	-13.18	47.27	3	Vertical	254.3	2.54	-	36.60	8.34	31.39
AV	7.30964G	46.40	54.00	-7.60	32.85	3	Vertical	254.3	2.54	-	36.60	8.34	31.39

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

2437MHz_TX

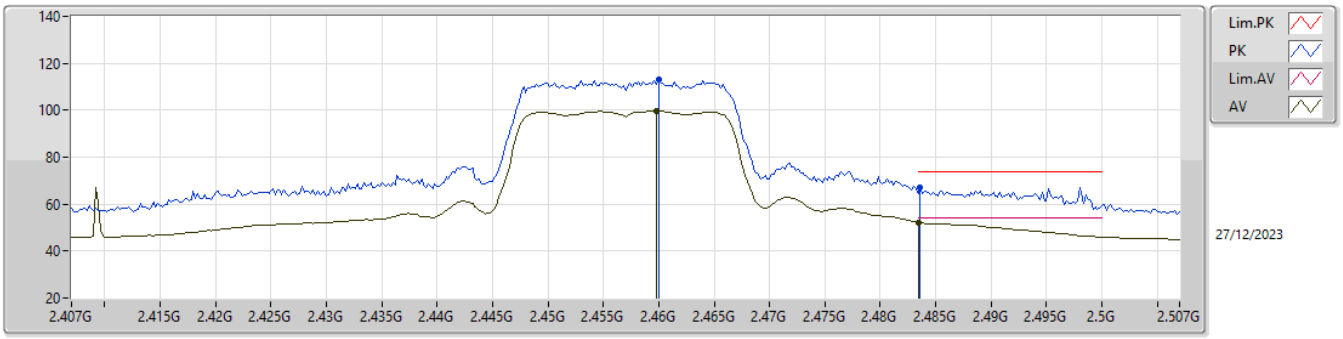


EUT Y_1TX
Setting 21.5
06-C-P-5

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	4.87192G	48.80	74.00	-25.20	41.21	3	Horizontal	237	1.57	-	31.30	6.73	30.44
AV	4.87272G	34.46	54.00	-19.54	26.87	3	Horizontal	237	1.57	-	31.30	6.73	30.44
PK	7.31028G	66.90	74.00	-7.10	53.35	3	Horizontal	223	2.87	-	36.60	8.34	31.39
AV	7.31244G	52.41	54.00	-1.59	38.86	3	Horizontal	223	2.87	-	36.60	8.34	31.39

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

2457MHz_TX

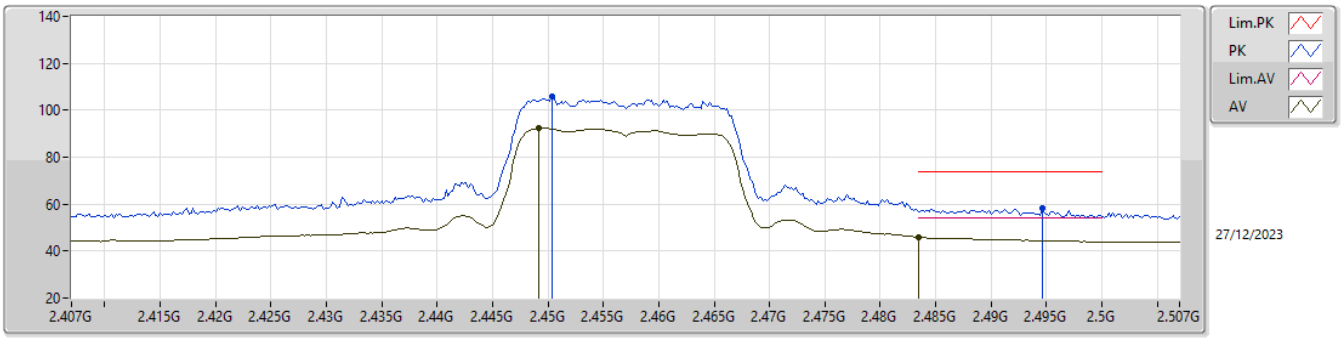


EUT Y_1TX
Setting 19.5
06-C-P-5

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	2.46G	113.12	Inf	-Inf	80.95	3	Vertical	30	1.72	-	27.40	4.77	-
AV	2.4598G	99.88	Inf	-Inf	67.71	3	Vertical	30	1.72	-	27.40	4.77	-
PK	2.4836G	67.01	74.00	-6.99	34.81	3	Vertical	30	1.72	-	27.40	4.80	-
AV	2.4835G	52.20	54.00	-1.80	20.00	3	Vertical	30	1.72	-	27.40	4.80	-

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

2457MHz_TX

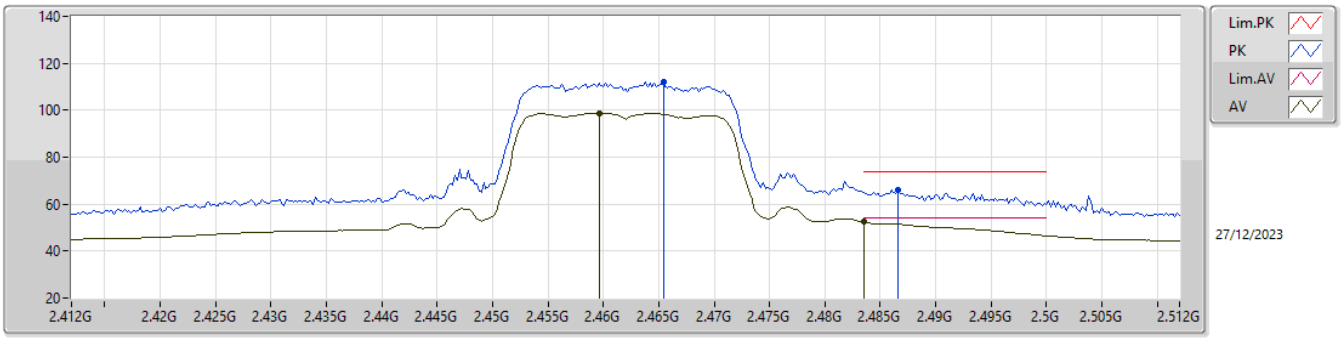


EUT Y_1TX
Setting 19.5
06-C-P-5

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	2.4504G	105.78	Inf	-Inf	73.51	3	Horizontal	253	2.69	-	27.50	4.77	-
AV	2.4492G	92.41	Inf	-Inf	60.15	3	Horizontal	253	2.69	-	27.50	4.76	-
PK	2.4946G	58.11	74.00	-15.89	25.90	3	Horizontal	253	2.69	-	27.40	4.81	-
AV	2.4835G	45.91	54.00	-8.09	13.71	3	Horizontal	253	2.69	-	27.40	4.80	-

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

2462MHz_TX

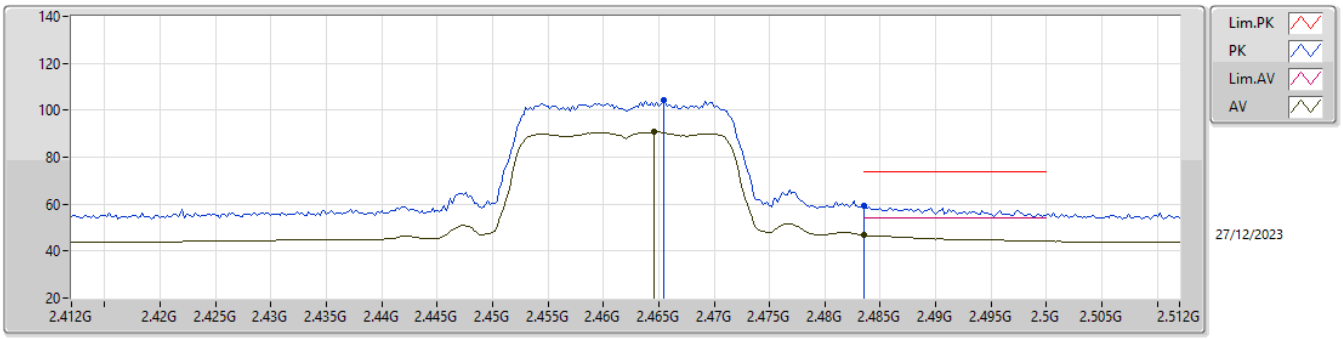


EUT Y_1TX
Setting 18.5
06-C-P-5

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	112.06	Inf	-Inf	79.88	3	Vertical	30	1.70	-	27.40	4.78	-
AV	2.4596G	98.85	Inf	-Inf	66.68	3	Vertical	30	1.70	-	27.40	4.77	-
PK	2.4866G	66.16	74.00	-7.84	33.96	3	Vertical	30	1.70	-	27.40	4.80	-
AV	2.4835G	52.40	54.00	-1.60	20.20	3	Vertical	30	1.70	-	27.40	4.80	-

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

2462MHz_TX

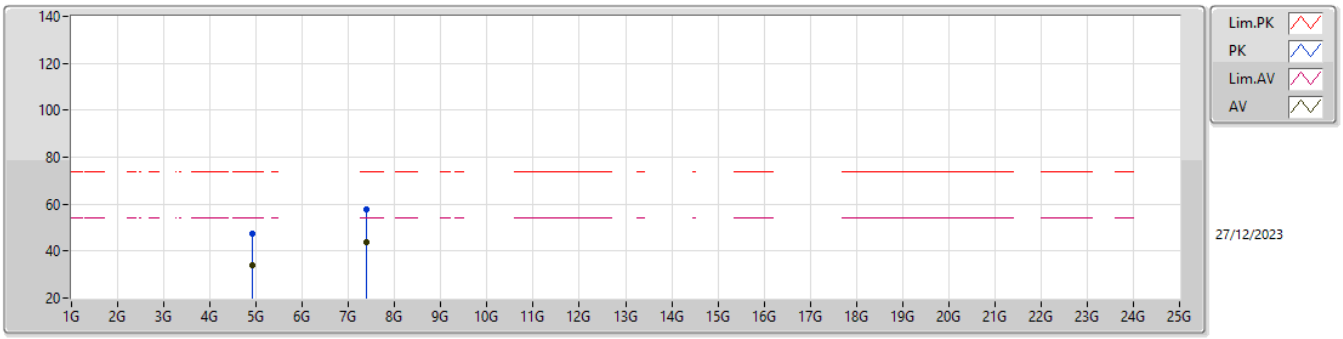


EUT Y_1TX
Setting 18.5
06-C-P-5

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	104.27	Inf	-Inf	72.09	3	Horizontal	250	2.63	-	27.40	4.78	-
AV	2.4646G	90.77	Inf	-Inf	58.59	3	Horizontal	250	2.63	-	27.40	4.78	-
PK	2.4835G	59.07	74.00	-14.93	26.87	3	Horizontal	250	2.63	-	27.40	4.80	-
AV	2.4835G	46.86	54.00	-7.14	14.66	3	Horizontal	250	2.63	-	27.40	4.80	-

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

2462MHz_TX

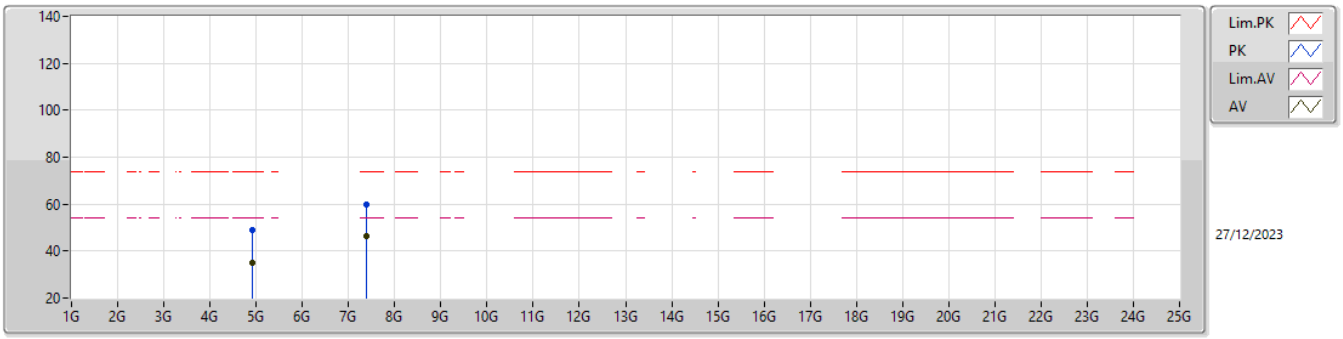


EUT Y_1TX
Setting 18.5
06-C-P-5

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	4.92888G	47.50	74.00	-26.50	39.69	3	Vertical	173	1.28	-	31.42	6.78	30.39
AV	4.92416G	34.03	54.00	-19.97	26.25	3	Vertical	173	1.28	-	31.40	6.78	30.40
PK	7.38944G	57.57	74.00	-16.43	43.93	3	Vertical	214	2.41	-	36.60	8.34	31.30
AV	7.3864G	43.74	54.00	-10.26	30.10	3	Vertical	214	2.41	-	36.60	8.34	31.30

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

2462MHz_TX



EUT Y_1TX
Setting 18.5
06-C-P-5

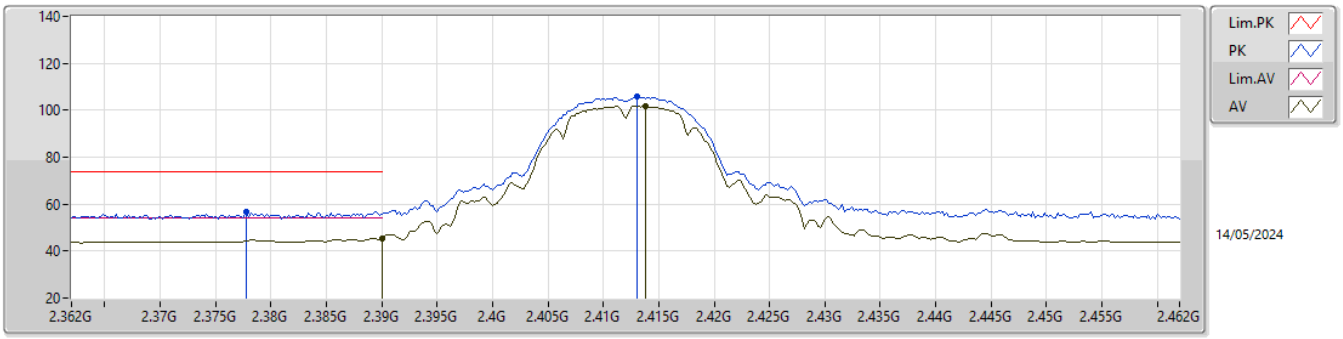
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91512G	49.20	74.00	-24.80	41.47	3	Horizontal	236	1.80	-	31.36	6.77	30.40
AV	4.92384G	35.20	54.00	-18.80	27.42	3	Horizontal	236	1.80	-	31.40	6.78	30.40
PK	7.38872G	60.04	74.00	-13.96	46.40	3	Horizontal	223	2.42	-	36.60	8.34	31.30
AV	7.38592G	46.36	54.00	-7.64	32.72	3	Horizontal	223	2.42	-	36.60	8.34	31.30

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_1TX	Pass	AV	2.39G	52.90	54.00	-1.10	3	Horizontal	314	2.27	-

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

2412MHz_TX

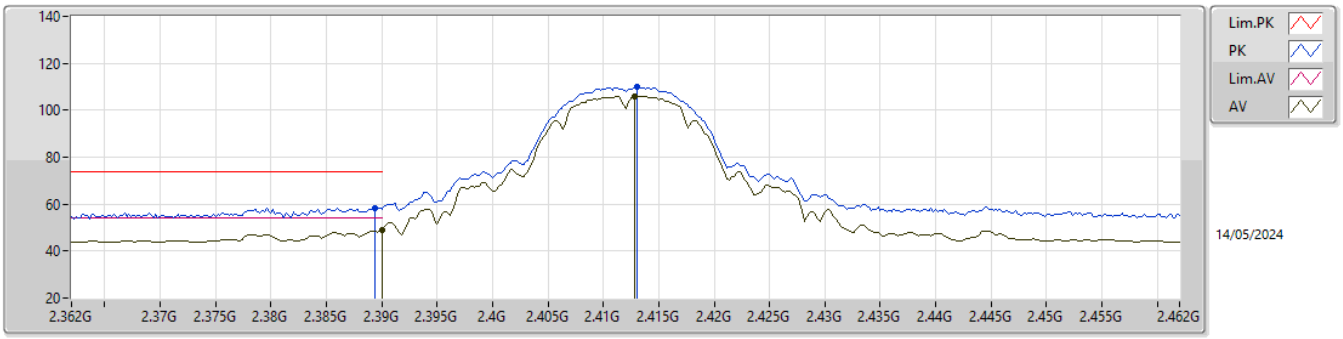


EUT Y_1TX
Setting 17
02-C-V-1

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	2.3778G	56.83	74.00	-17.17	25.38	3	Vertical	168	2.09	-	28.40	3.05	-
AV	2.39G	45.46	54.00	-8.54	13.90	3	Vertical	168	2.09	-	28.50	3.06	-
PK	2.413G	105.64	Inf	-Inf	74.17	3	Vertical	168	2.09	-	28.40	3.07	-
AV	2.4138G	101.66	Inf	-Inf	70.19	3	Vertical	168	2.09	-	28.40	3.07	-

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

2412MHz_TX

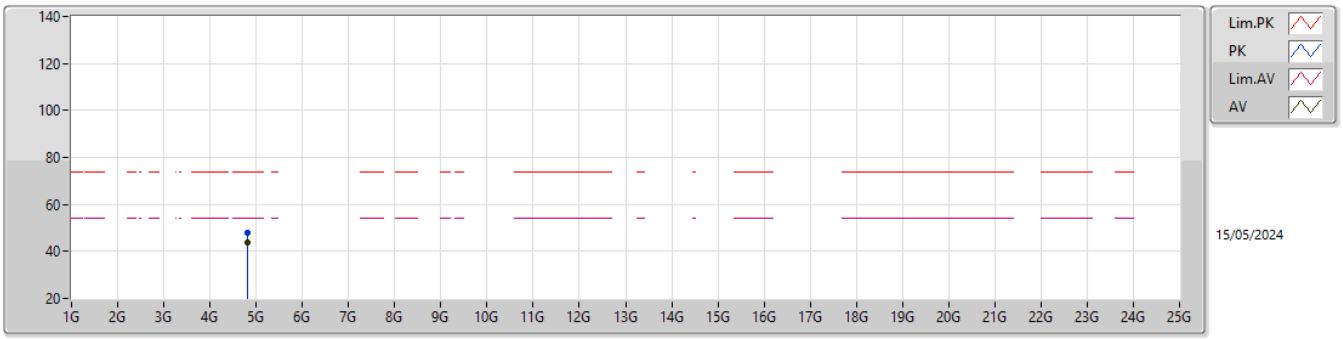


EUT Y_1TX
Setting 17
02-C-V-1

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	58.50	74.00	-15.50	26.96	3	Horizontal	211	2.49	-	28.49	3.05	-
AV	2.39G	49.13	54.00	-4.87	17.57	3	Horizontal	211	2.49	-	28.50	3.06	-
PK	2.413G	110.07	Inf	-Inf	78.60	3	Horizontal	211	2.49	-	28.40	3.07	-
AV	2.4128G	105.98	Inf	-Inf	74.51	3	Horizontal	211	2.49	-	28.40	3.07	-

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

2412MHz_TX

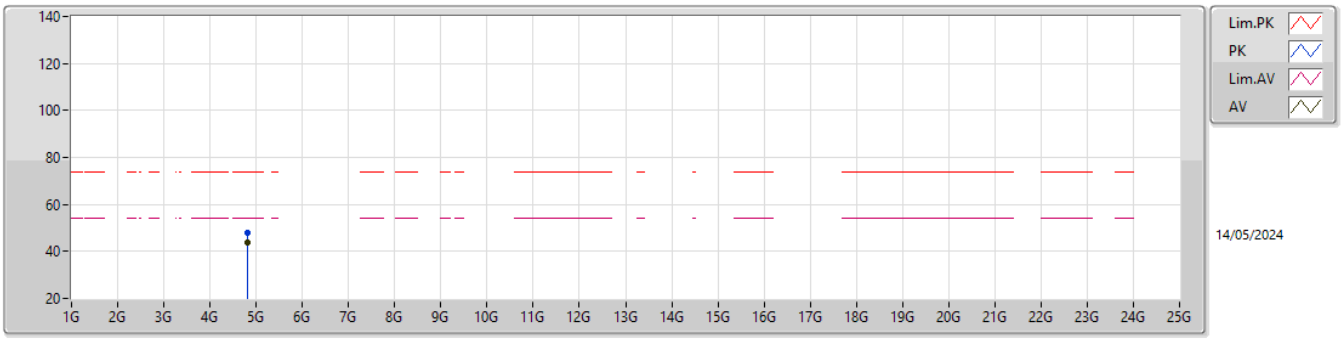


EUT Y_1TX
Setting 17
02-C-V-1

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	4.82406G	48.08	74.00	-25.92	75.35	3	Vertical	358	2.64	-	33.15	5.10	65.52
AV	4.824G	43.64	54.00	-10.36	70.91	3	Vertical	358	2.64	-	33.15	5.10	65.52

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

2412MHz_TX

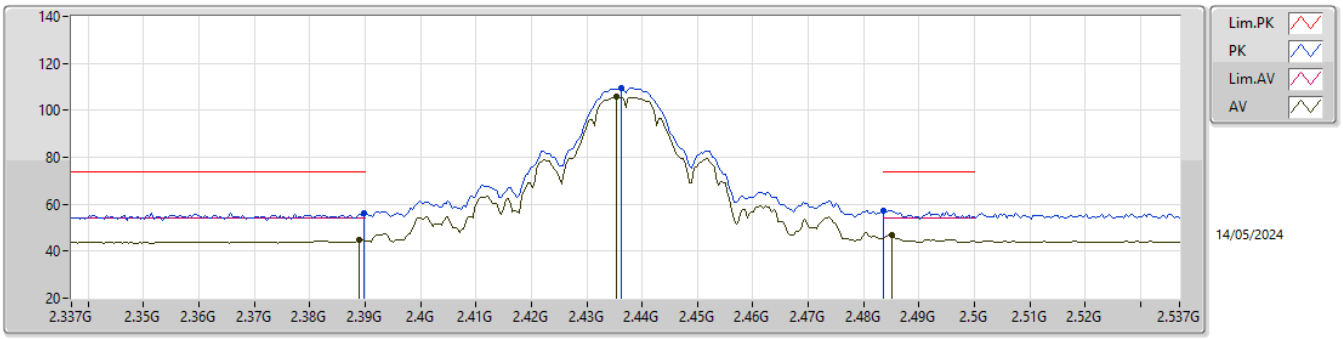


EUT Y_1TX
Setting 17
02-C-V-1

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	4.82406G	47.91	74.00	-26.09	75.18	3	Horizontal	68	1.42	-	33.15	5.10	65.52
AV	4.824G	43.72	54.00	-10.28	70.99	3	Horizontal	68	1.42	-	33.15	5.10	65.52

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

2437MHz_TX

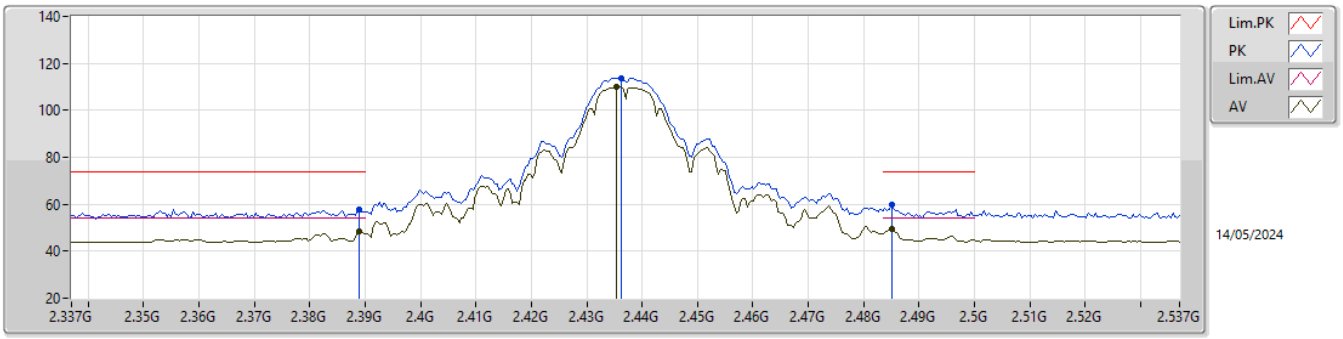


EUT Y_1TX
Setting 20.5
02-C-V-1

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	56.20	74.00	-17.80	24.65	3	Vertical	168	2.07	-	28.50	3.05	-
AV	2.389G	44.72	54.00	-9.28	13.18	3	Vertical	168	2.07	-	28.49	3.05	-
PK	2.4362G	109.38	Inf	-Inf	77.81	3	Vertical	168	2.07	-	28.50	3.07	-
AV	2.4354G	105.65	Inf	-Inf	74.08	3	Vertical	168	2.07	-	28.50	3.07	-
PK	2.4835G	57.49	74.00	-16.51	25.80	3	Vertical	168	2.07	-	28.60	3.09	-
AV	2.485G	46.71	54.00	-7.29	15.02	3	Vertical	168	2.07	-	28.60	3.09	-

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

2437MHz_TX

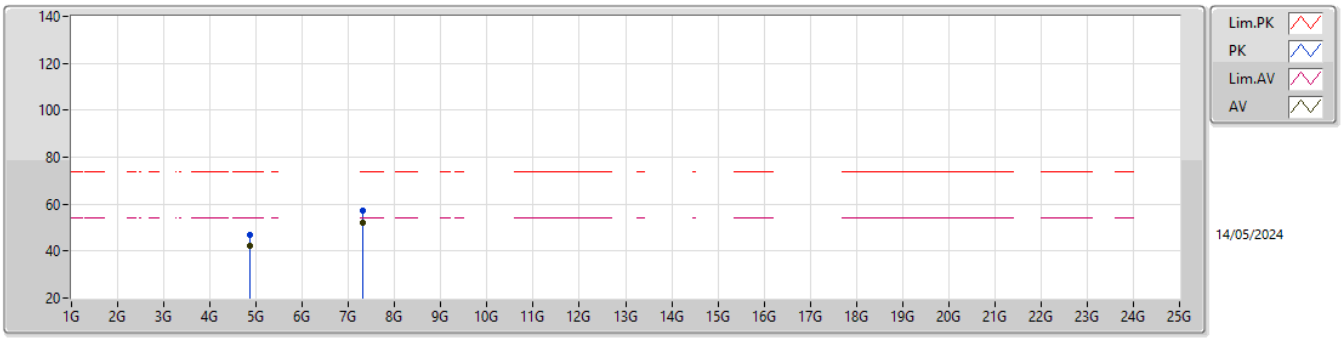


EUT Y_1TX
Setting 20.5
02-C-V-1

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	57.93	74.00	-16.07	26.39	3	Horizontal	212	2.43	-	28.49	3.05	-
AV	2.389G	48.30	54.00	-5.70	16.76	3	Horizontal	212	2.43	-	28.49	3.05	-
PK	2.4362G	113.68	Inf	-Inf	82.11	3	Horizontal	212	2.43	-	28.50	3.07	-
AV	2.4354G	110.00	Inf	-Inf	78.43	3	Horizontal	212	2.43	-	28.50	3.07	-
PK	2.485G	59.57	74.00	-14.43	27.88	3	Horizontal	212	2.43	-	28.60	3.09	-
AV	2.485G	49.48	54.00	-4.52	17.79	3	Horizontal	212	2.43	-	28.60	3.09	-

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

2437MHz_TX

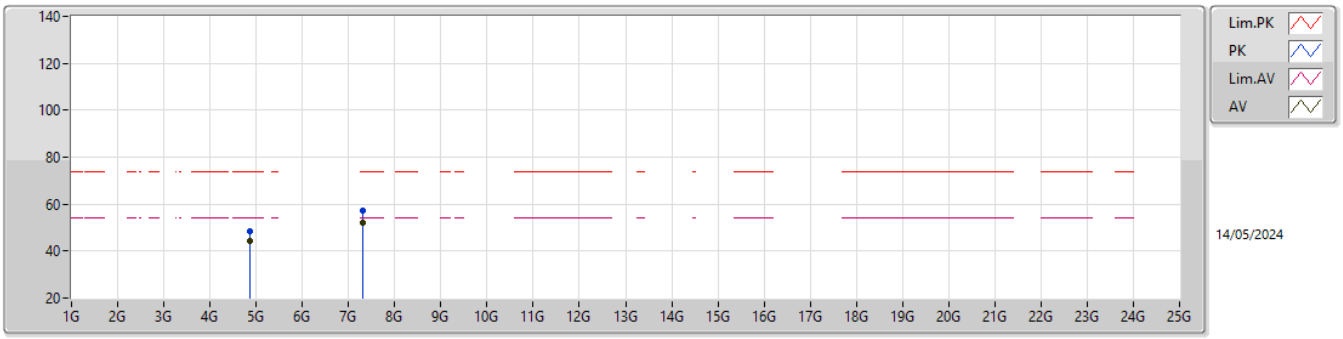


EUT Y_1TX
Setting 18.5
02-C-V-1

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	4.87388G	47.12	74.00	-26.88	74.29	3	Vertical	168	1.85	-	33.25	5.11	65.53
AV	4.874G	42.38	54.00	-11.62	69.55	3	Vertical	168	1.85	-	33.25	5.11	65.53
PK	7.3119G	57.17	74.00	-16.83	80.42	3	Vertical	36	1.99	-	36.45	6.51	66.21
AV	7.31172G	51.99	54.00	-2.01	75.24	3	Vertical	36	1.99	-	36.45	6.51	66.21

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

2437MHz_TX

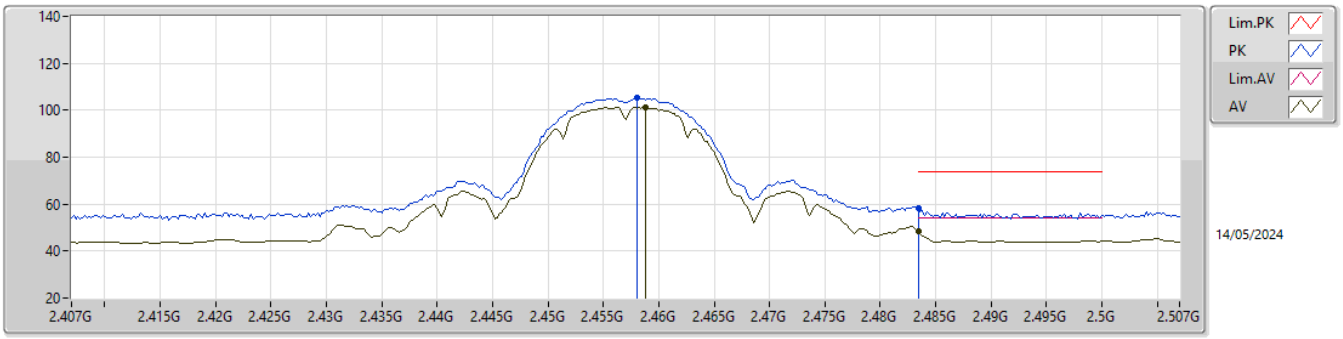


EUT Y_1TX
Setting 18.5
02-C-V-1

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	4.87406G	48.58	74.00	-25.42	75.75	3	Horizontal	50	1.77	-	33.25	5.11	65.53
AV	4.874G	44.51	54.00	-9.49	71.68	3	Horizontal	50	1.77	-	33.25	5.11	65.53
PK	7.3119G	57.22	74.00	-16.78	80.47	3	Horizontal	333	2.05	-	36.45	6.51	66.21
AV	7.31172G	52.12	54.00	-1.88	75.37	3	Horizontal	333	2.05	-	36.45	6.51	66.21

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

2457MHz_TX

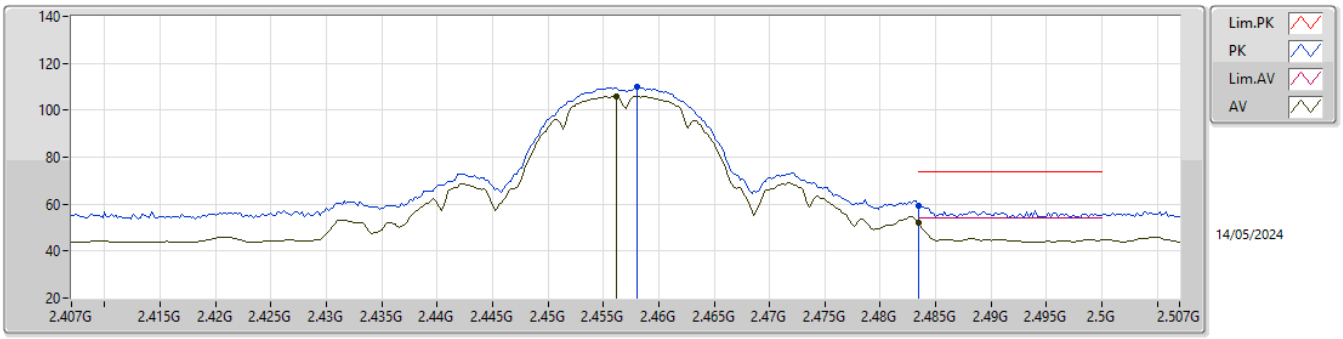


EUT Y_1TX
Setting 16.5
02-C-V-1

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	2.458G	105.21	Inf	-Inf	73.71	3	Vertical	176	1.01	-	28.42	3.08	-
AV	2.4588G	101.23	Inf	-Inf	69.74	3	Vertical	176	1.01	-	28.41	3.08	-
PK	2.4835G	58.39	74.00	-15.61	26.70	3	Vertical	176	1.01	-	28.60	3.09	-
AV	2.4835G	48.39	54.00	-5.61	16.70	3	Vertical	176	1.01	-	28.60	3.09	-

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

2457MHz_TX

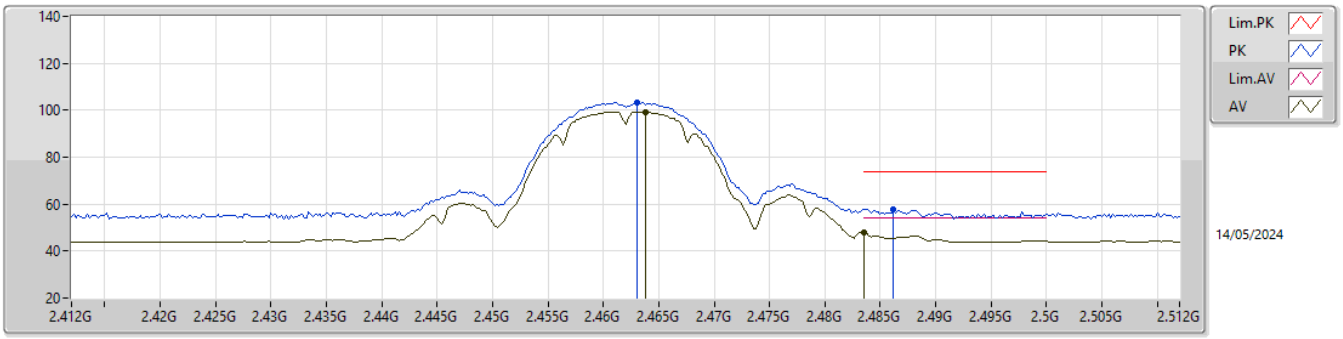


EUT Y_1TX
Setting 16.5
02-C-V-1

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	2.458G	109.75	Inf	-Inf	78.25	3	Horizontal	308	2.24	-	28.42	3.08	-
AV	2.4562G	105.78	Inf	-Inf	74.26	3	Horizontal	308	2.24	-	28.44	3.08	-
PK	2.4835G	59.50	74.00	-14.50	27.81	3	Horizontal	308	2.24	-	28.60	3.09	-
AV	2.4835G	52.09	54.00	-1.91	20.40	3	Horizontal	308	2.24	-	28.60	3.09	-

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

2462MHz_TX

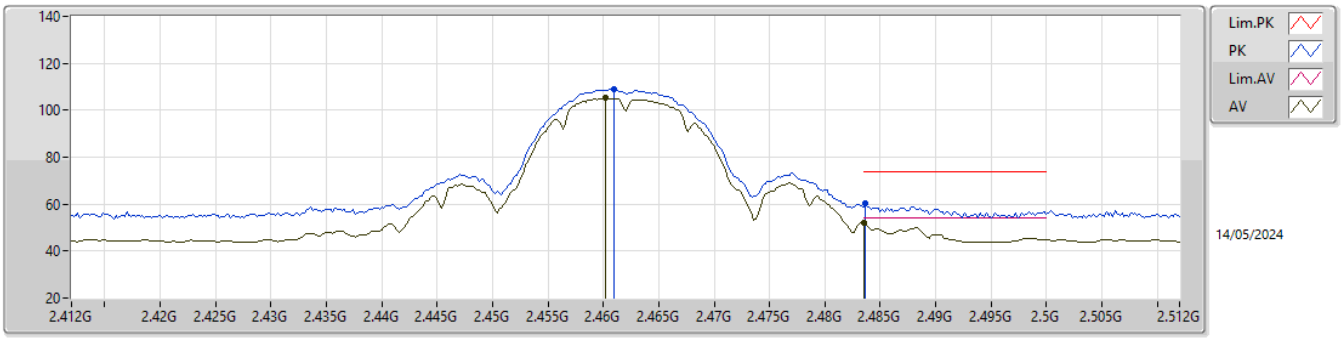


EUT Y_1TX
Setting 16
02-C-V-1

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	2.463G	103.29	Inf	-Inf	71.77	3	Vertical	332	1.49	-	28.43	3.09	-
AV	2.4638G	99.35	Inf	-Inf	67.82	3	Vertical	332	1.49	-	28.44	3.09	-
PK	2.4862G	57.95	74.00	-16.05	26.26	3	Vertical	332	1.49	-	28.60	3.09	-
AV	2.4835G	48.02	54.00	-5.98	16.33	3	Vertical	332	1.49	-	28.60	3.09	-

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

2462MHz_TX

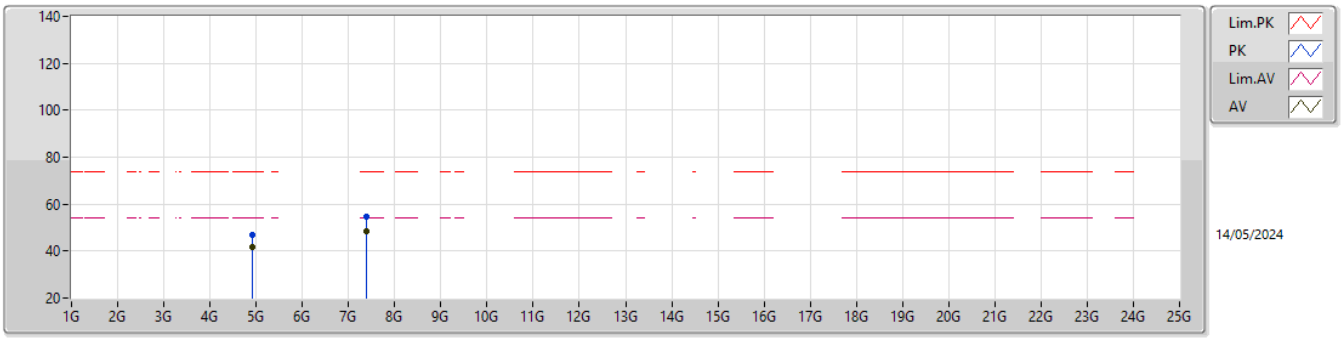


EUT Y_1TX
Setting 16
02-C-V-1

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	108.86	Inf	-Inf	77.37	3	Horizontal	306	2.24	-	28.41	3.08	-
AV	2.4602G	105.22	Inf	-Inf	73.74	3	Horizontal	306	2.24	-	28.40	3.08	-
PK	2.4836G	60.24	74.00	-13.76	28.55	3	Horizontal	306	2.24	-	28.60	3.09	-
AV	2.4835G	51.86	54.00	-2.14	20.17	3	Horizontal	306	2.24	-	28.60	3.09	-

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

2462MHz_TX

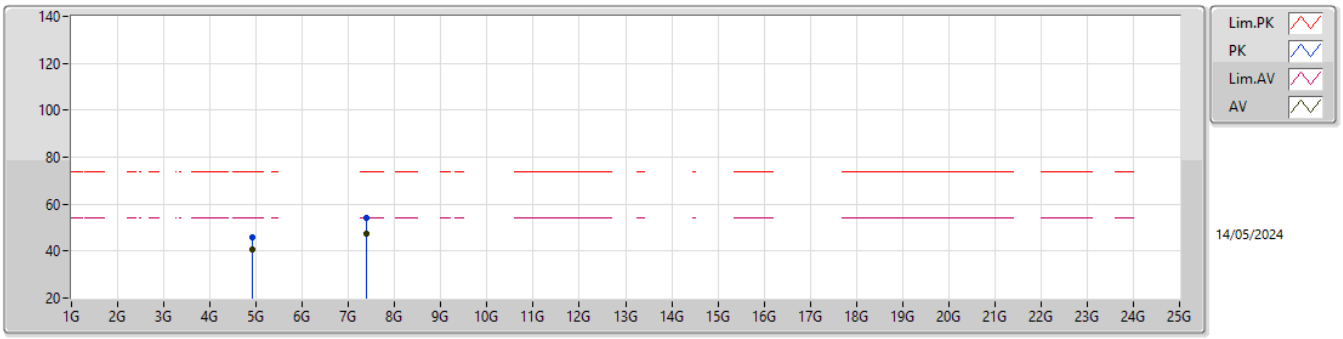


EUT Y_1TX
Setting 16
02-C-V-1

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	4.92406G	46.84	74.00	-27.16	73.89	3	Vertical	358	2.43	-	33.35	5.13	65.53
AV	4.924G	41.97	54.00	-12.03	69.02	3	Vertical	358	2.43	-	33.35	5.13	65.53
PK	7.3875G	54.83	74.00	-19.17	78.09	3	Vertical	34	2.53	-	36.60	6.55	66.41
AV	7.38672G	48.46	54.00	-5.54	71.71	3	Vertical	34	2.53	-	36.60	6.55	66.40

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

2462MHz_TX

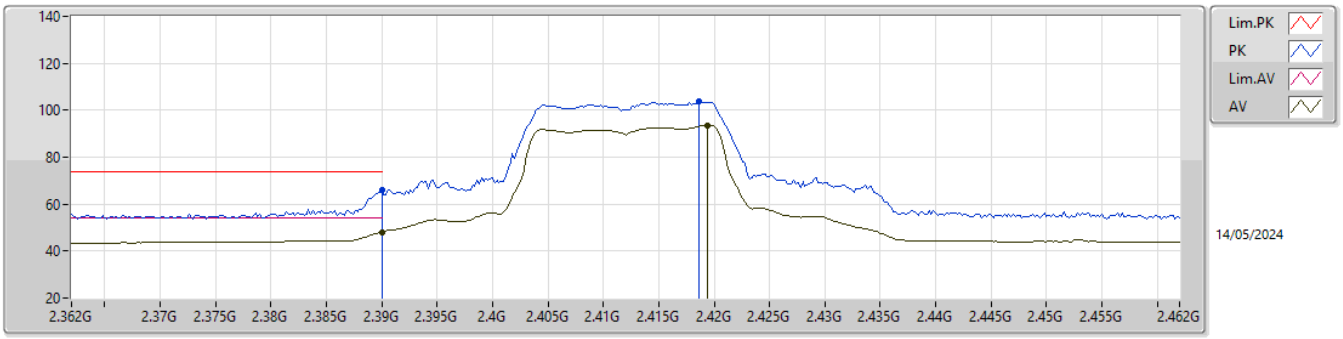


EUT Y_1TX
Setting 16
02-C-V-1

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	4.92418G	45.73	74.00	-28.27	72.78	3	Horizontal	52	1.89	-	33.35	5.13	65.53
AV	4.924G	40.55	54.00	-13.45	67.60	3	Horizontal	52	1.89	-	33.35	5.13	65.53
PK	7.38516G	53.89	74.00	-20.11	77.14	3	Horizontal	336	1.69	-	36.60	6.55	66.40
AV	7.38528G	47.65	54.00	-6.35	70.90	3	Horizontal	336	1.69	-	36.60	6.55	66.40

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

2412MHz_TX

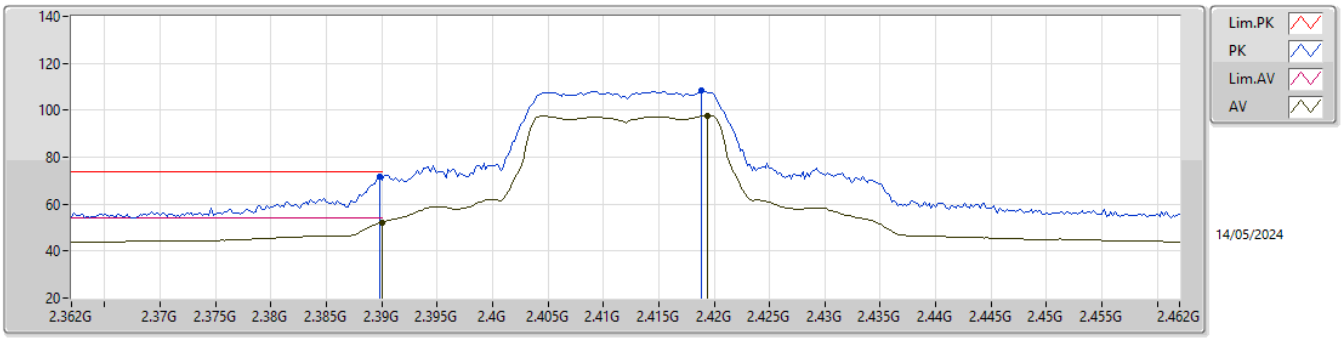


EUT Y_1TX
Setting 15
02-C-V-1

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	66.07	74.00	-7.93	34.51	3	Vertical	345	2.29	-	28.50	3.06	-
AV	2.39G	48.07	54.00	-5.93	16.51	3	Vertical	345	2.29	-	28.50	3.06	-
PK	2.4186G	103.65	Inf	-Inf	72.18	3	Vertical	345	2.29	-	28.40	3.07	-
AV	2.4194G	93.50	Inf	-Inf	62.03	3	Vertical	345	2.29	-	28.40	3.07	-

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

2412MHz_TX

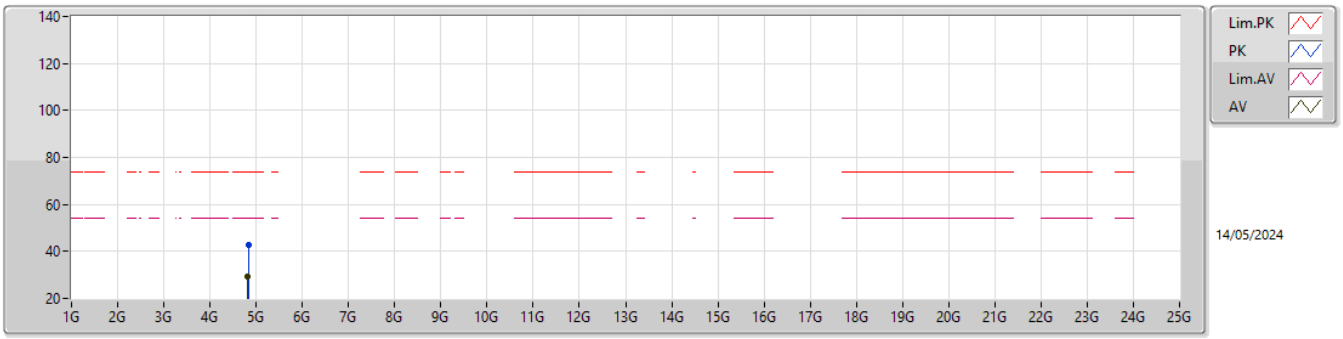


EUT Y_1TX
Setting 15
02-C-V-1

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	71.71	74.00	-2.29	40.16	3	Horizontal	314	2.08	-	28.50	3.05	-
AV	2.39G	52.26	54.00	-1.74	20.70	3	Horizontal	314	2.08	-	28.50	3.06	-
PK	2.4188G	108.20	Inf	-Inf	76.73	3	Horizontal	314	2.08	-	28.40	3.07	-
AV	2.4194G	97.54	Inf	-Inf	66.07	3	Horizontal	314	2.08	-	28.40	3.07	-

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

2412MHz_TX

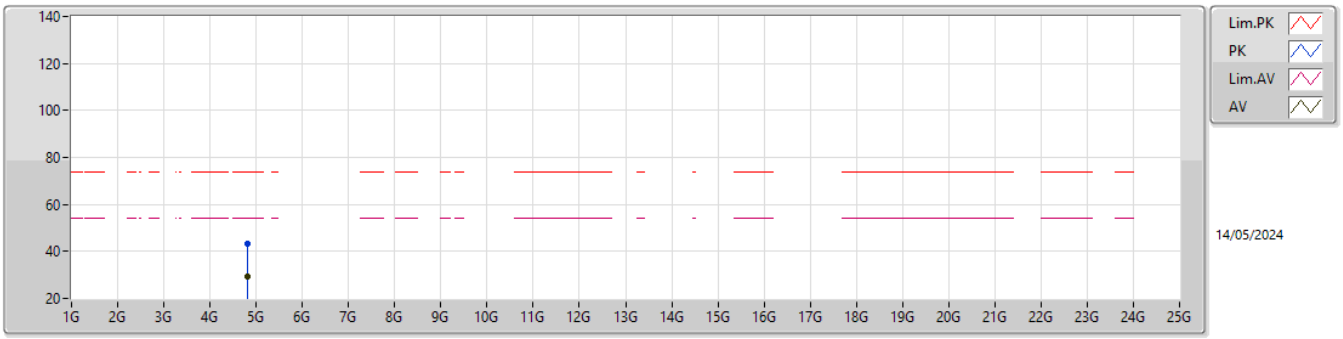


EUT Y_1TX
Setting 15
02-C-V-1

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	4.82796G	42.91	74.00	-31.09	70.17	3	Vertical	352	2.79	-	33.16	5.10	65.52
AV	4.82418G	29.16	54.00	-24.84	56.43	3	Vertical	352	2.79	-	33.15	5.10	65.52

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

2412MHz_TX

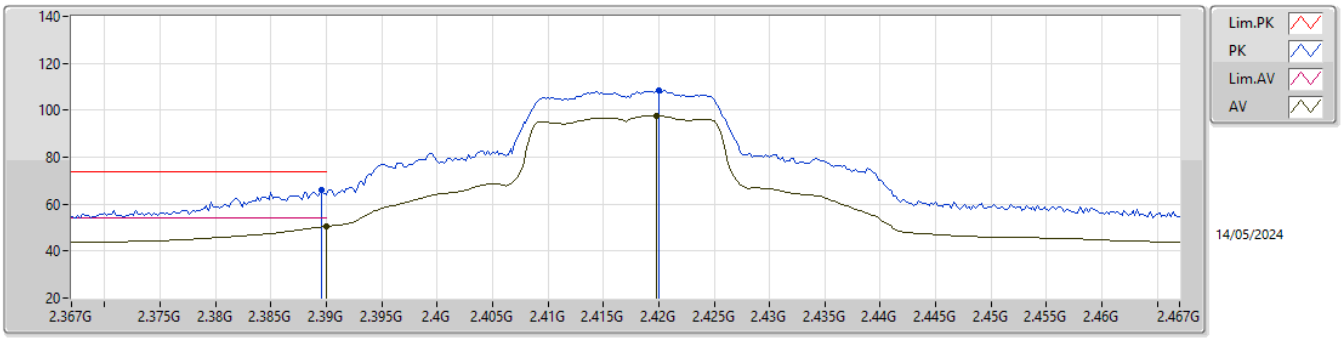


EUT Y_1TX
Setting 15
02-C-V-1

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	4.8153G	43.08	74.00	-30.92	70.38	3	Horizontal	67	1.71	-	33.13	5.09	65.52
AV	4.824G	29.40	54.00	-24.60	56.67	3	Horizontal	67	1.71	-	33.15	5.10	65.52

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

2417MHz_TX

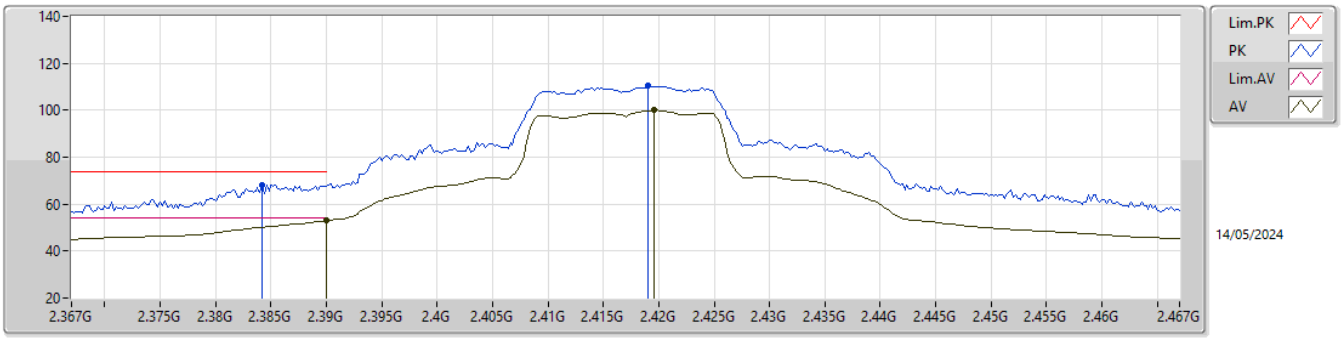


EUT Y_1TX
Setting 17
02-C-V-1

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	66.13	74.00	-7.87	34.58	3	Vertical	349	2.29	-	28.50	3.05	-
AV	2.39G	50.54	54.00	-3.46	18.98	3	Vertical	349	2.29	-	28.50	3.06	-
PK	2.42G	108.33	Inf	-Inf	76.86	3	Vertical	349	2.29	-	28.40	3.07	-
AV	2.4198G	97.74	Inf	-Inf	66.27	3	Vertical	349	2.29	-	28.40	3.07	-

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

2417MHz_TX

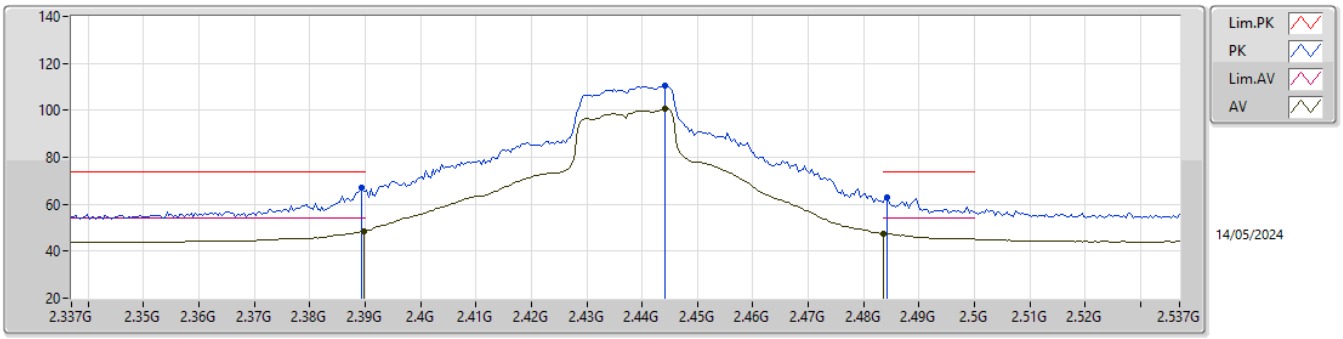


EUT Y_1TX
Setting 17
02-C-V-1

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	2.3842G	68.16	74.00	-5.84	36.67	3	Horizontal	314	2.27	-	28.44	3.05	-
AV	2.39G	52.90	54.00	-1.10	21.34	3	Horizontal	314	2.27	-	28.50	3.06	-
PK	2.419G	110.44	Inf	-Inf	78.97	3	Horizontal	314	2.27	-	28.40	3.07	-
AV	2.4196G	99.93	Inf	-Inf	68.46	3	Horizontal	314	2.27	-	28.40	3.07	-

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

2437MHz_TX

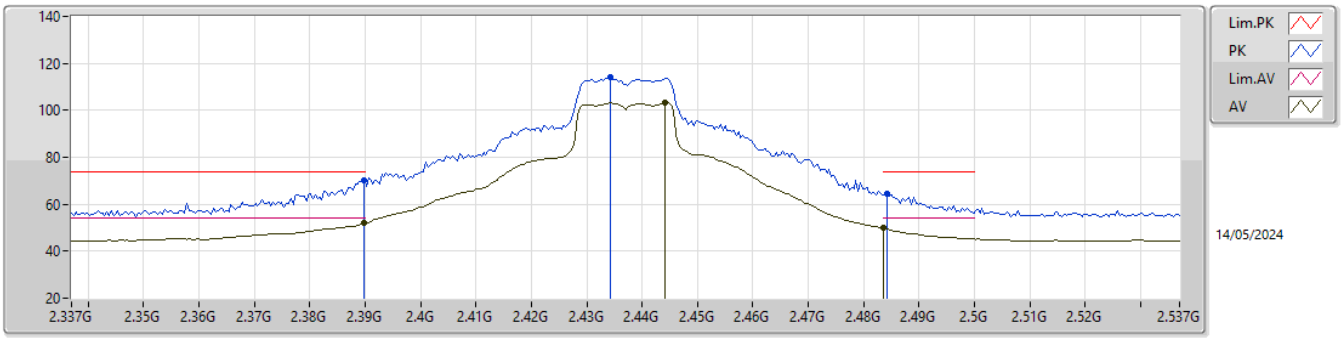


EUT Y_1TX
Setting 20.5
02-C-V-1

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	67.32	74.00	-6.68	35.78	3	Vertical	348	1.53	-	28.49	3.05	-
AV	2.3898G	48.45	54.00	-5.55	16.90	3	Vertical	348	1.53	-	28.50	3.05	-
PK	2.4442G	110.51	Inf	-Inf	78.93	3	Vertical	348	1.53	-	28.50	3.08	-
AV	2.4442G	100.58	Inf	-Inf	69.00	3	Vertical	348	1.53	-	28.50	3.08	-
PK	2.4842G	62.89	74.00	-11.11	31.20	3	Vertical	348	1.53	-	28.60	3.09	-
AV	2.4835G	47.49	54.00	-6.51	15.80	3	Vertical	348	1.53	-	28.60	3.09	-

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

2437MHz_TX

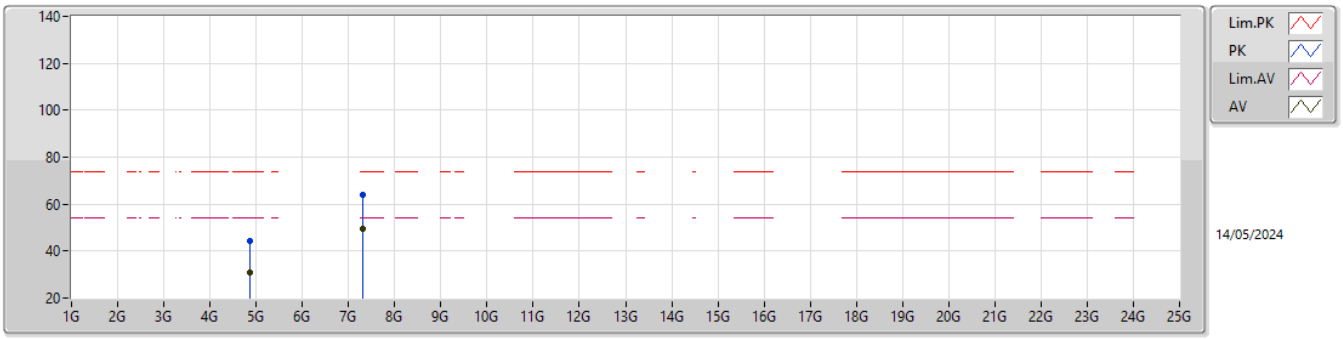


EUT Y_1TX
Setting 20.5
02-C-V-1

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	70.01	74.00	-3.99	38.46	3	Horizontal	304	2.27	-	28.50	3.05	-
AV	2.3898G	51.84	54.00	-2.16	20.29	3	Horizontal	304	2.27	-	28.50	3.05	-
PK	2.4342G	114.04	Inf	-Inf	82.47	3	Horizontal	304	2.27	-	28.50	3.07	-
AV	2.4442G	103.25	Inf	-Inf	71.67	3	Horizontal	304	2.27	-	28.50	3.08	-
PK	2.4842G	64.42	74.00	-9.58	32.73	3	Horizontal	304	2.27	-	28.60	3.09	-
AV	2.4835G	49.77	54.00	-4.23	18.08	3	Horizontal	304	2.27	-	28.60	3.09	-

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

2437MHz_TX

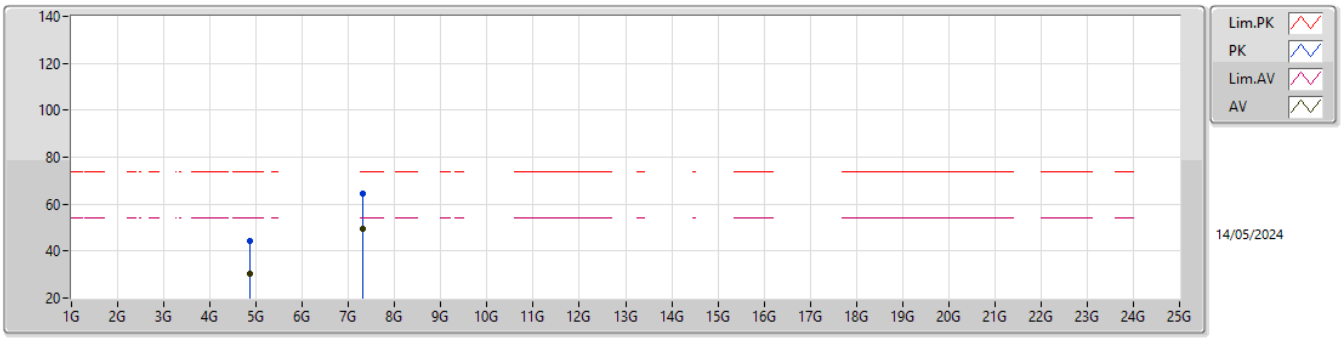


EUT Y_1TX
Setting 20.5
02-C-V-1

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	4.87676G	44.25	74.00	-29.75	71.42	3	Vertical	189	1.78	-	33.25	5.11	65.53
AV	4.874G	30.78	54.00	-23.22	57.95	3	Vertical	189	1.78	-	33.25	5.11	65.53
PK	7.3146G	63.92	74.00	-10.08	87.16	3	Vertical	36	1.53	-	36.46	6.51	66.21
AV	7.3145G	49.36	54.00	-4.64	72.60	3	Vertical	36	1.53	-	36.46	6.51	66.21

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

2437MHz_TX

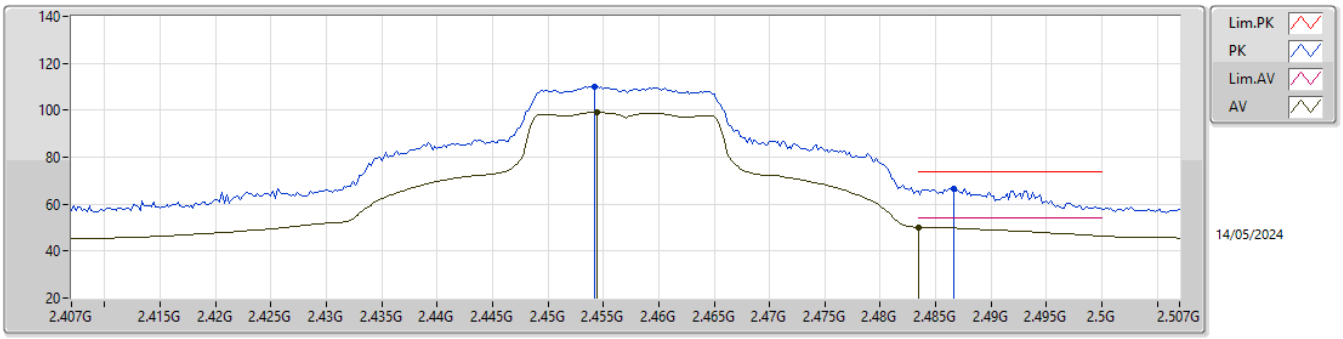


EUT Y_1TX
Setting 20.5
02-C-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87412G	44.49	74.00	-29.51	71.66	3	Horizontal	56	1.80	-	33.25	5.11	65.53
AV	4.87406G	30.18	54.00	-23.82	57.35	3	Horizontal	56	1.80	-	33.25	5.11	65.53
PK	7.31574G	64.72	74.00	-9.28	87.97	3	Horizontal	337	1.80	-	36.46	6.51	66.22
AV	7.31454G	49.29	54.00	-4.71	72.53	3	Horizontal	337	1.80	-	36.46	6.51	66.21

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

2457MHz_TX

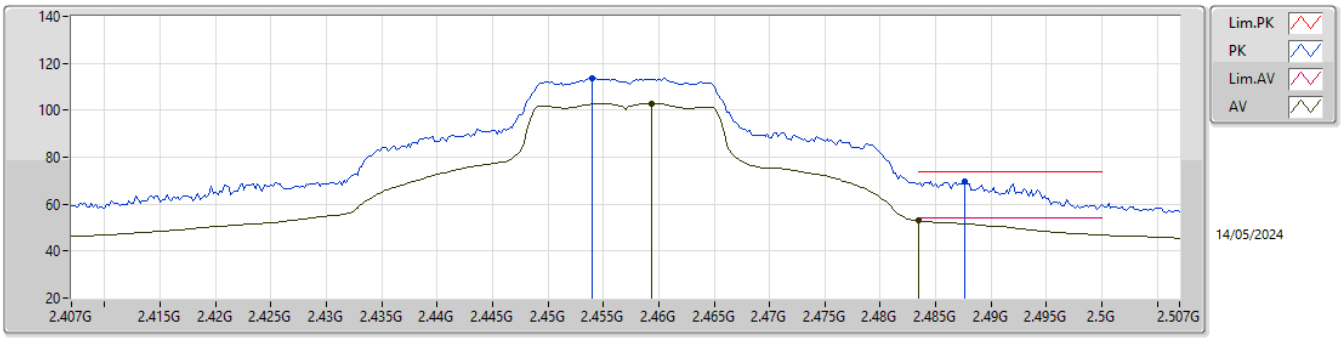


EUT Y_1TX
Setting 19.5
02-C-V-1

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	2.4542G	110.17	Inf	-Inf	78.63	3	Vertical	183	1.13	-	28.46	3.08	-
AV	2.4544G	99.25	Inf	-Inf	67.71	3	Vertical	183	1.13	-	28.46	3.08	-
PK	2.4866G	66.63	74.00	-7.37	34.94	3	Vertical	183	1.13	-	28.60	3.09	-
AV	2.4835G	50.04	54.00	-3.96	18.35	3	Vertical	183	1.13	-	28.60	3.09	-

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

2457MHz_TX

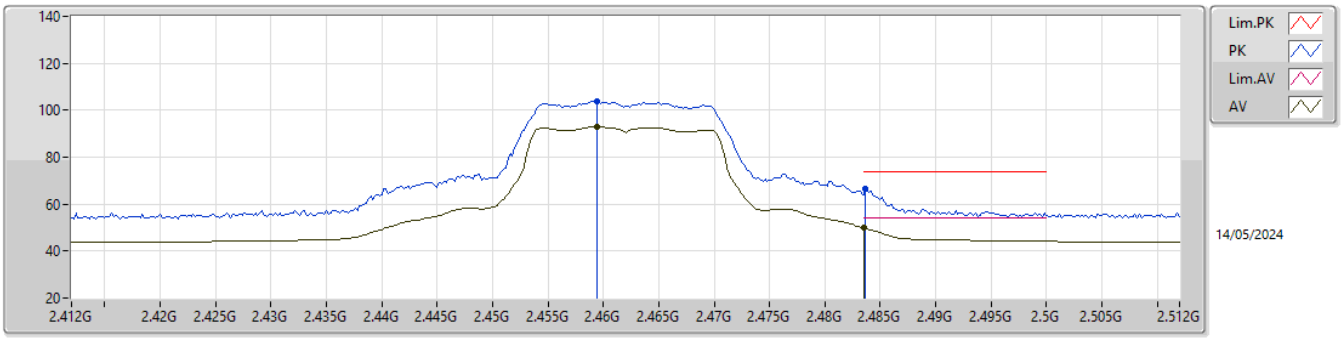


EUT Y_1TX
Setting 19.5
02-C-V-1

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	2.454G	113.74	Inf	-Inf	82.20	3	Horizontal	304	2.23	-	28.46	3.08	-
AV	2.4594G	102.92	Inf	-Inf	71.43	3	Horizontal	304	2.23	-	28.41	3.08	-
PK	2.4876G	69.82	74.00	-4.18	38.12	3	Horizontal	304	2.23	-	28.60	3.10	-
AV	2.4835G	52.88	54.00	-1.12	21.19	3	Horizontal	304	2.23	-	28.60	3.09	-

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

2462MHz_TX

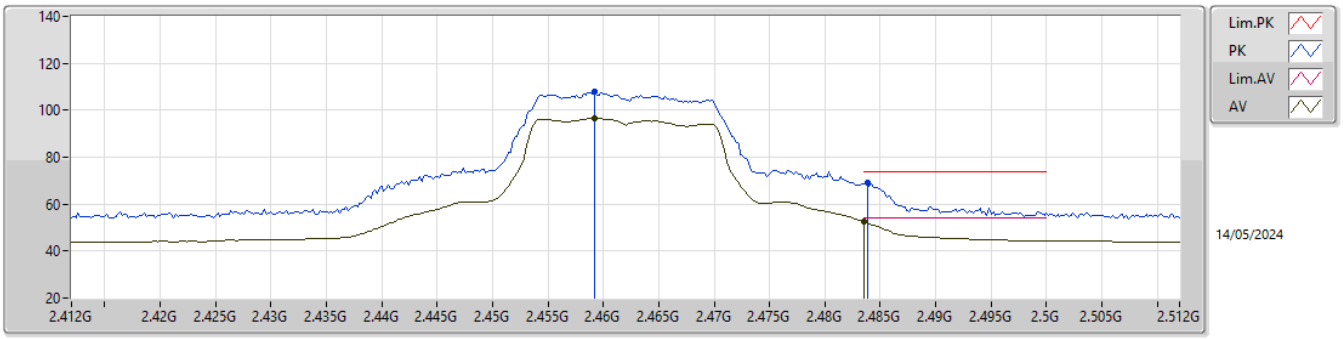


EUT Y_1TX
Setting 13
02-C-V-1

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	2.4594G	104.01	Inf	-Inf	72.52	3	Vertical	176	1.00	-	28.41	3.08	-
AV	2.4594G	92.92	Inf	-Inf	61.43	3	Vertical	176	1.00	-	28.41	3.08	-
PK	2.4836G	66.54	74.00	-7.46	34.85	3	Vertical	176	1.00	-	28.60	3.09	-
AV	2.4835G	49.97	54.00	-4.03	18.28	3	Vertical	176	1.00	-	28.60	3.09	-

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

2462MHz_TX

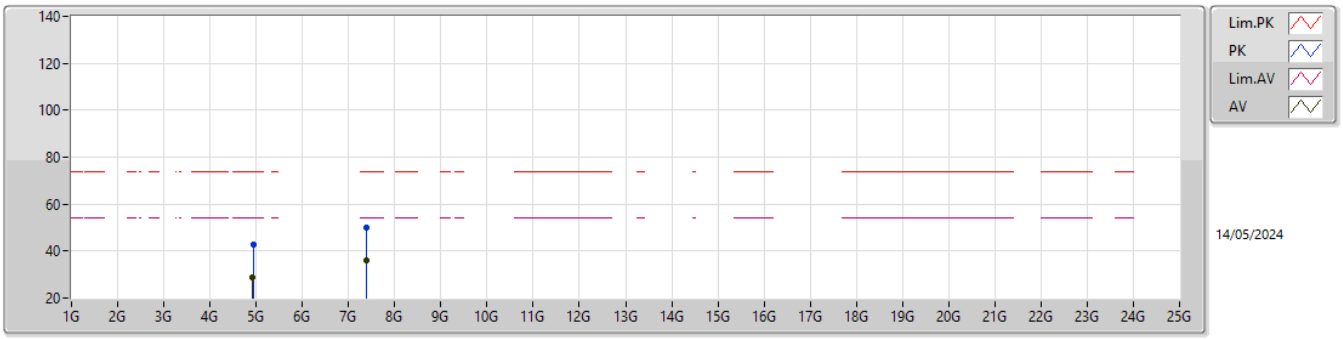


EUT Y_1TX
Setting 13
02-C-V-1

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	107.82	Inf	-Inf	76.33	3	Horizontal	304	2.24	-	28.41	3.08	-
AV	2.4592G	96.52	Inf	-Inf	65.03	3	Horizontal	304	2.24	-	28.41	3.08	-
PK	2.4838G	69.01	74.00	-4.99	37.32	3	Horizontal	304	2.24	-	28.60	3.09	-
AV	2.4835G	52.55	54.00	-1.45	20.86	3	Horizontal	304	2.24	-	28.60	3.09	-

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

2462MHz_TX

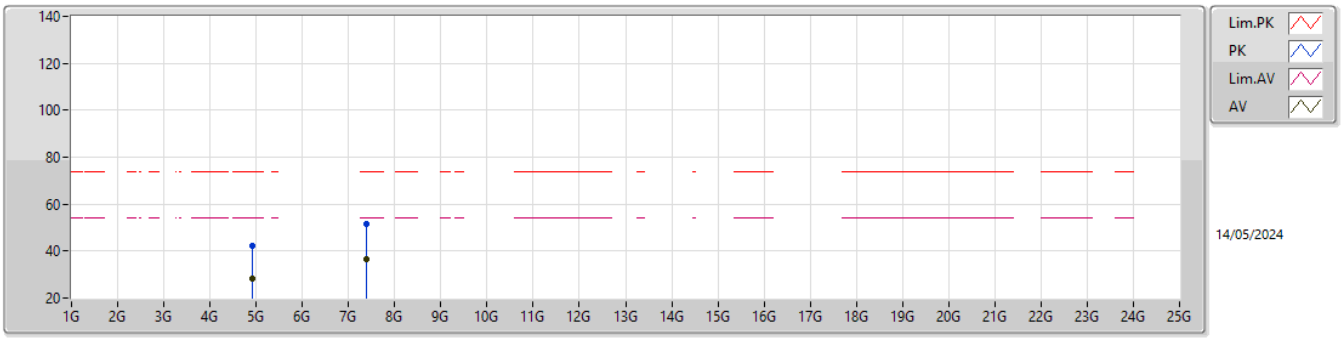


EUT Y_1TX
Setting 13
02-C-V-1

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	4.93582G	42.64	74.00	-31.36	69.67	3	Vertical	360	2.95	-	33.37	5.13	65.53
AV	4.92394G	28.79	54.00	-25.21	55.84	3	Vertical	360	2.95	-	33.35	5.13	65.53
PK	7.3956G	49.97	74.00	-24.03	73.24	3	Vertical	33	2.54	-	36.60	6.56	66.43
AV	7.389G	36.21	54.00	-17.79	59.47	3	Vertical	33	2.54	-	36.60	6.55	66.41

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

2462MHz_TX

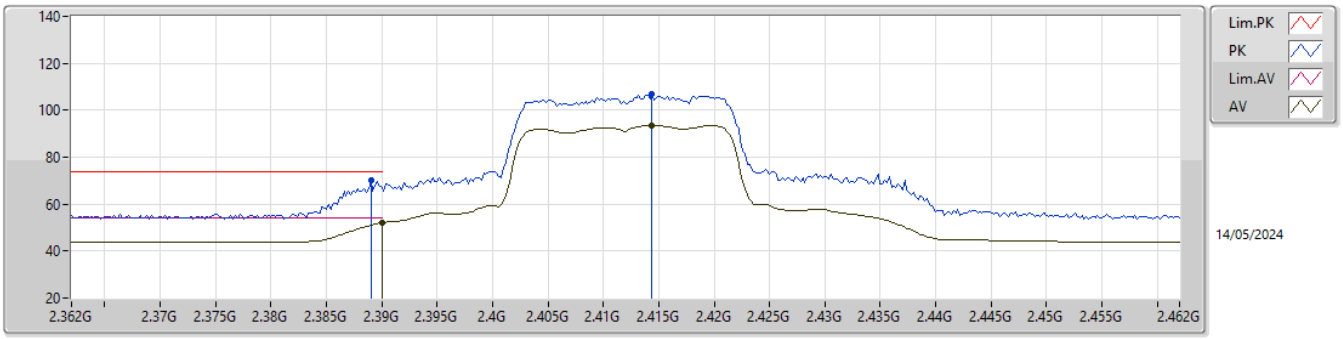


EUT Y_1TX
Setting 13
02-C-V-1

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	4.92766G	42.14	74.00	-31.86	69.18	3	Horizontal	53	2.14	-	33.36	5.13	65.53
AV	4.9291G	28.03	54.00	-25.97	55.07	3	Horizontal	53	2.14	-	33.36	5.13	65.53
PK	7.39062G	51.41	74.00	-22.59	74.67	3	Horizontal	39	1.49	-	36.60	6.55	66.41
AV	7.3893G	36.63	54.00	-17.37	59.89	3	Horizontal	39	1.49	-	36.60	6.55	66.41

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

2412MHz_TX

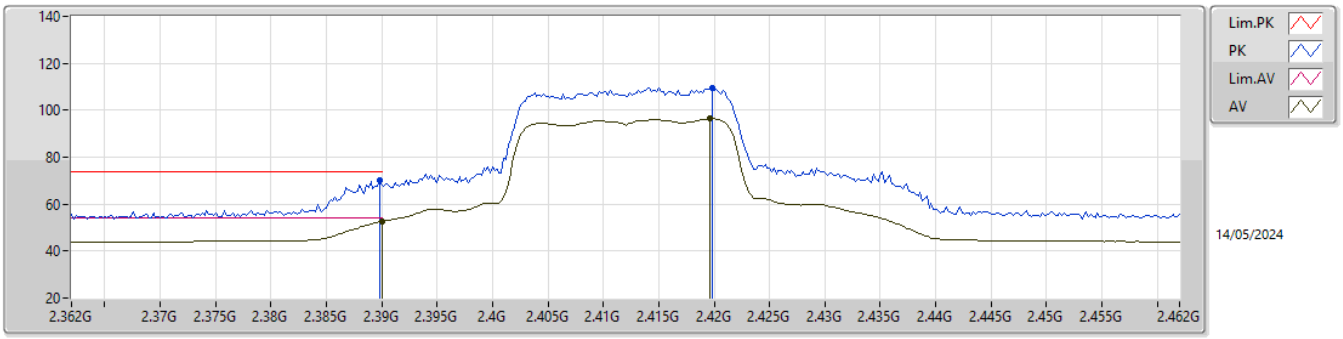


EUT Y_1TX
Setting 15
02-C-V-1

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	70.30	74.00	-3.70	38.76	3	Vertical	202	1.52	-	28.49	3.05	-
AV	2.39G	51.95	54.00	-2.05	20.39	3	Vertical	202	1.52	-	28.50	3.06	-
PK	2.4144G	106.94	Inf	-Inf	75.47	3	Vertical	202	1.52	-	28.40	3.07	-
AV	2.4144G	93.61	Inf	-Inf	62.14	3	Vertical	202	1.52	-	28.40	3.07	-

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

2412MHz_TX

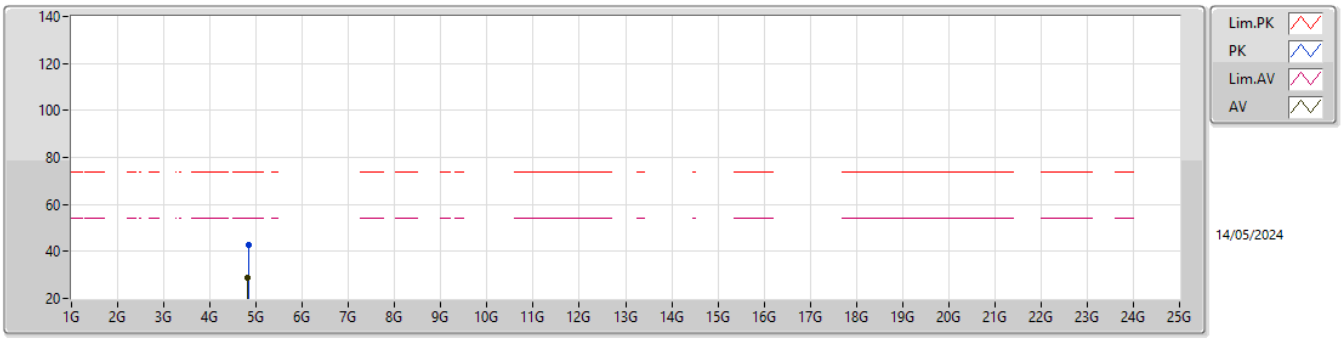


EUT Y_1TX
Setting 15
02-C-V-1

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	70.38	74.00	-3.62	38.83	3	Horizontal	125	1.00	-	28.50	3.05	-
AV	2.39G	52.60	54.00	-1.40	21.04	3	Horizontal	125	1.00	-	28.50	3.06	-
PK	2.4198G	109.51	Inf	-Inf	78.04	3	Horizontal	125	1.00	-	28.40	3.07	-
AV	2.4196G	96.40	Inf	-Inf	64.93	3	Horizontal	125	1.00	-	28.40	3.07	-

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

2412MHz_TX

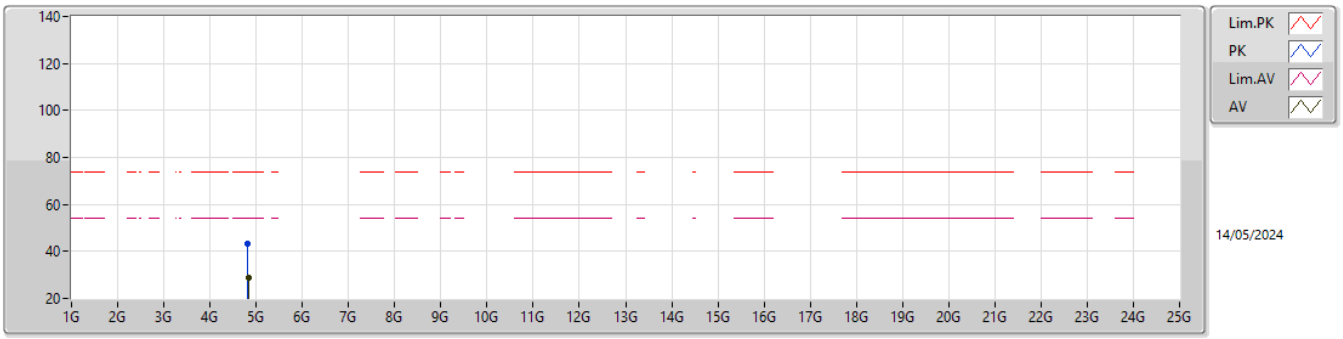


EUT Y_1TX
Setting 15
02-C-V-1

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	4.8345G	42.56	74.00	-31.44	69.81	3	Vertical	-0	2.52	-	33.17	5.10	65.52
AV	4.82382G	28.65	54.00	-25.35	55.92	3	Vertical	-0	2.52	-	33.15	5.10	65.52

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

2412MHz_TX

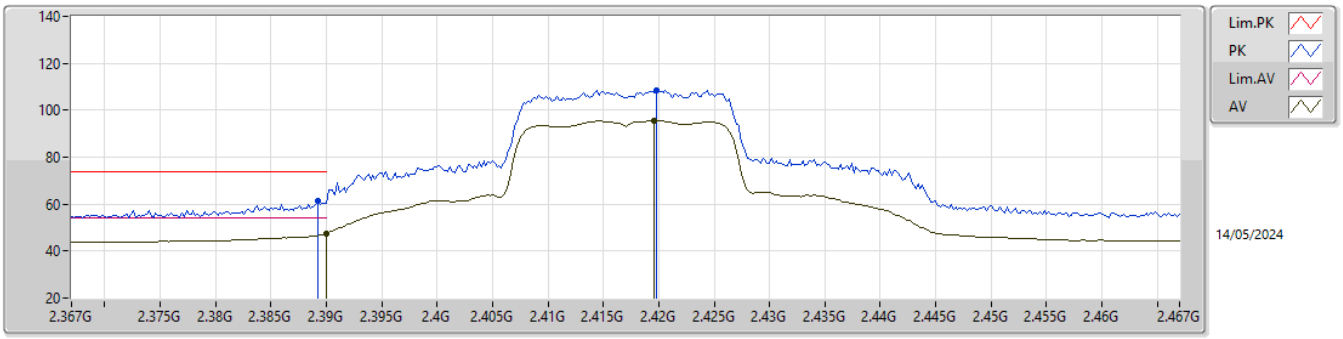


EUT Y_1TX
Setting 15
02-C-V-1

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	4.82472G	43.08	74.00	-30.92	70.35	3	Horizontal	70	1.64	-	33.15	5.10	65.52
AV	4.82514G	28.71	54.00	-25.29	55.98	3	Horizontal	70	1.64	-	33.15	5.10	65.52

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

2417MHz_TX

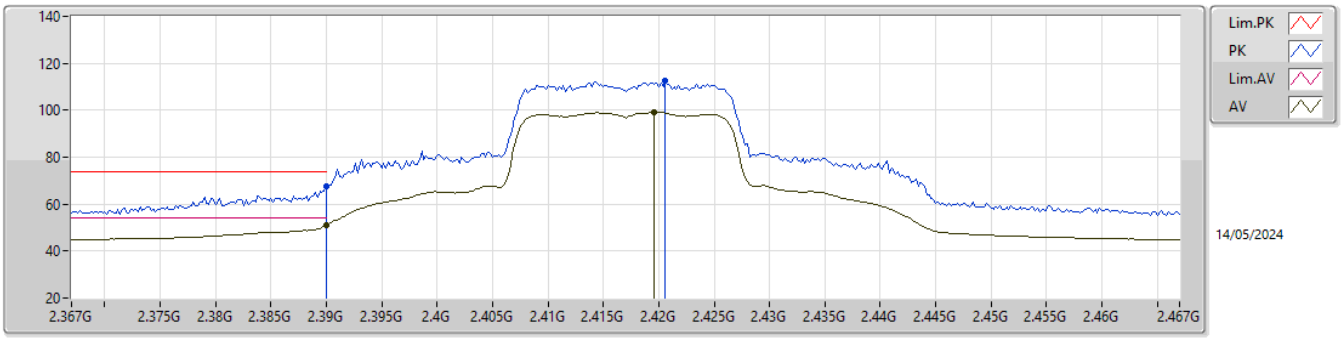


EUT Y_1TX
Setting 16
02-C-V-1

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	2.3892G	61.39	74.00	-12.61	29.85	3	Vertical	204	1.51	-	28.49	3.05	-
AV	2.39G	47.38	54.00	-6.62	15.82	3	Vertical	204	1.51	-	28.50	3.06	-
PK	2.4198G	108.25	Inf	-Inf	76.78	3	Vertical	204	1.51	-	28.40	3.07	-
AV	2.4196G	95.73	Inf	-Inf	64.26	3	Vertical	204	1.51	-	28.40	3.07	-

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

2417MHz_TX

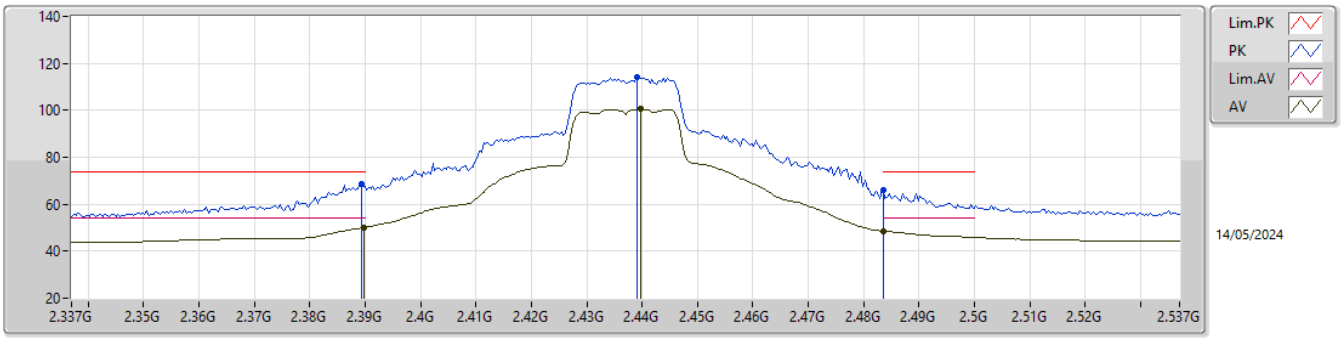


EUT Y_1TX
Setting 16
02-C-V-1

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	67.50	74.00	-6.50	35.94	3	Horizontal	120	1.00	-	28.50	3.06	-
AV	2.39G	50.87	54.00	-3.13	19.31	3	Horizontal	120	1.00	-	28.50	3.06	-
PK	2.4206G	112.70	Inf	-Inf	81.22	3	Horizontal	120	1.00	-	28.41	3.07	-
AV	2.4196G	99.26	Inf	-Inf	67.79	3	Horizontal	120	1.00	-	28.40	3.07	-

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

2437MHz_TX

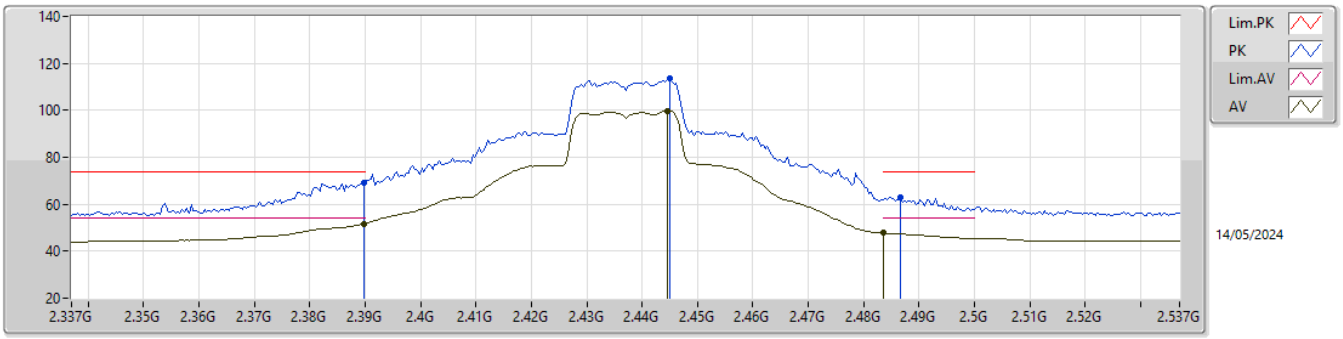


EUT Y_1TX
Setting 20
02-C-V-1

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	68.67	74.00	-5.33	37.13	3	Vertical	201	1.49	-	28.49	3.05	-
AV	2.3898G	49.94	54.00	-4.06	18.39	3	Vertical	201	1.49	-	28.50	3.05	-
PK	2.439G	114.19	Inf	-Inf	82.61	3	Vertical	201	1.49	-	28.50	3.08	-
AV	2.4398G	100.55	Inf	-Inf	68.97	3	Vertical	201	1.49	-	28.50	3.08	-
PK	2.4835G	65.95	74.00	-8.05	34.26	3	Vertical	201	1.49	-	28.60	3.09	-
AV	2.4835G	48.66	54.00	-5.34	16.97	3	Vertical	201	1.49	-	28.60	3.09	-

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

2437MHz_TX

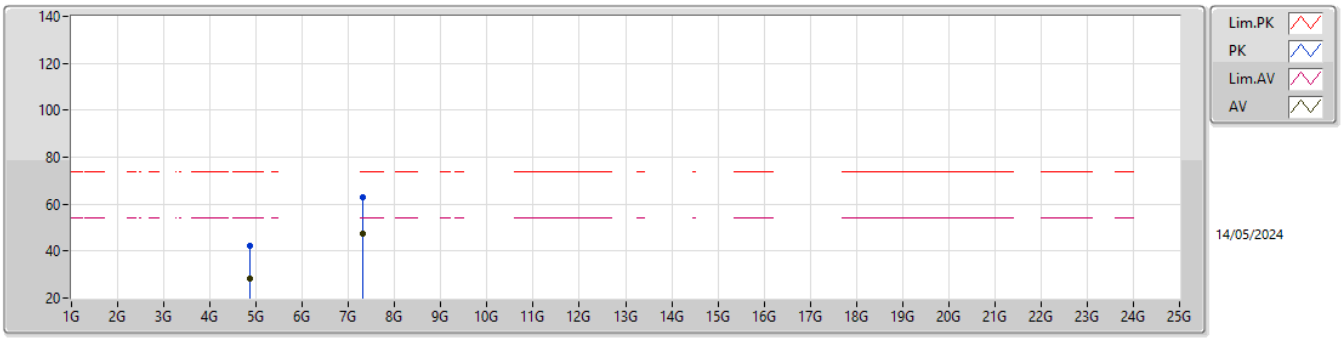


EUT Y_1TX
Setting 20
02-C-V-1

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	69.34	74.00	-4.66	37.79	3	Horizontal	121	1.79	-	28.50	3.05	-
AV	2.3898G	51.62	54.00	-2.38	20.07	3	Horizontal	121	1.79	-	28.50	3.05	-
PK	2.445G	113.65	Inf	-Inf	82.07	3	Horizontal	121	1.79	-	28.50	3.08	-
AV	2.4446G	99.91	Inf	-Inf	68.33	3	Horizontal	121	1.79	-	28.50	3.08	-
PK	2.4866G	63.14	74.00	-10.86	31.45	3	Horizontal	121	1.79	-	28.60	3.09	-
AV	2.4835G	47.71	54.00	-6.29	16.02	3	Horizontal	121	1.79	-	28.60	3.09	-

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

2437MHz_TX

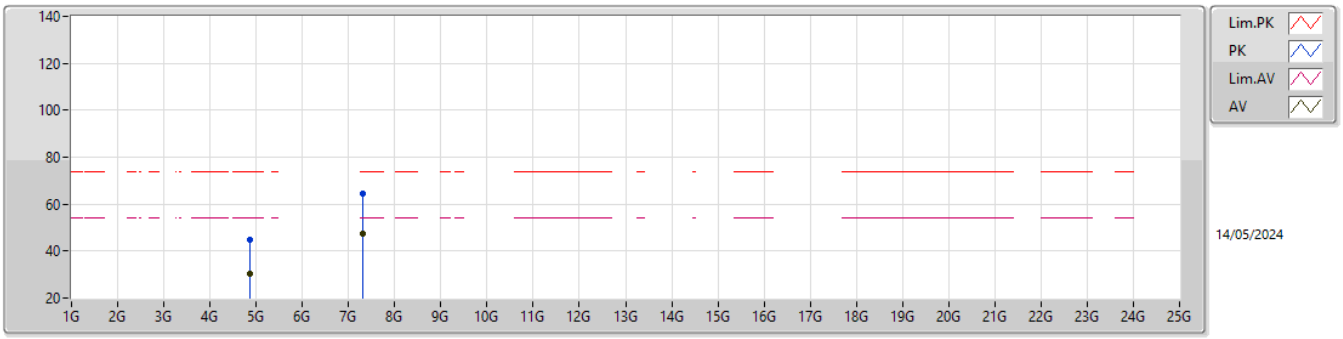


EUT Y_1TX
Setting 20
02-C-V-1

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	4.87304G	42.30	74.00	-31.70	69.47	3	Vertical	23	1.91	-	33.25	5.11	65.53
AV	4.87388G	28.45	54.00	-25.55	55.62	3	Vertical	23	1.91	-	33.25	5.11	65.53
PK	7.31856G	62.89	74.00	-11.11	86.12	3	Vertical	39	2.58	-	36.47	6.52	66.22
AV	7.31466G	47.18	54.00	-6.82	70.42	3	Vertical	39	2.58	-	36.46	6.51	66.21

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

2437MHz_TX

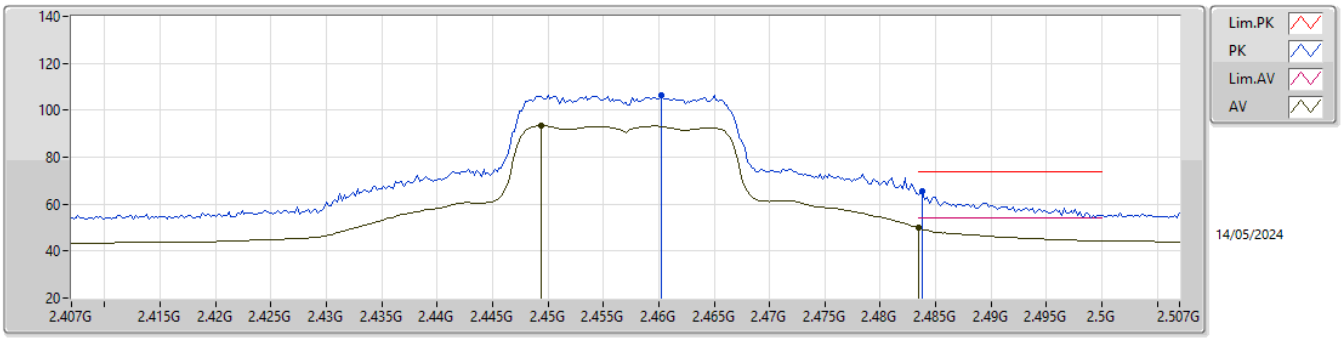


EUT Y_1TX
Setting 20
02-C-V-1

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	4.87526G	44.63	74.00	-29.37	71.80	3	Horizontal	48	1.80	-	33.25	5.11	65.53
AV	4.87418G	30.48	54.00	-23.52	57.65	3	Horizontal	48	1.80	-	33.25	5.11	65.53
PK	7.31448G	64.40	74.00	-9.60	87.64	3	Horizontal	337	1.80	-	36.46	6.51	66.21
AV	7.31466G	47.44	54.00	-6.56	70.68	3	Horizontal	337	1.80	-	36.46	6.51	66.21

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

2457MHz_TX

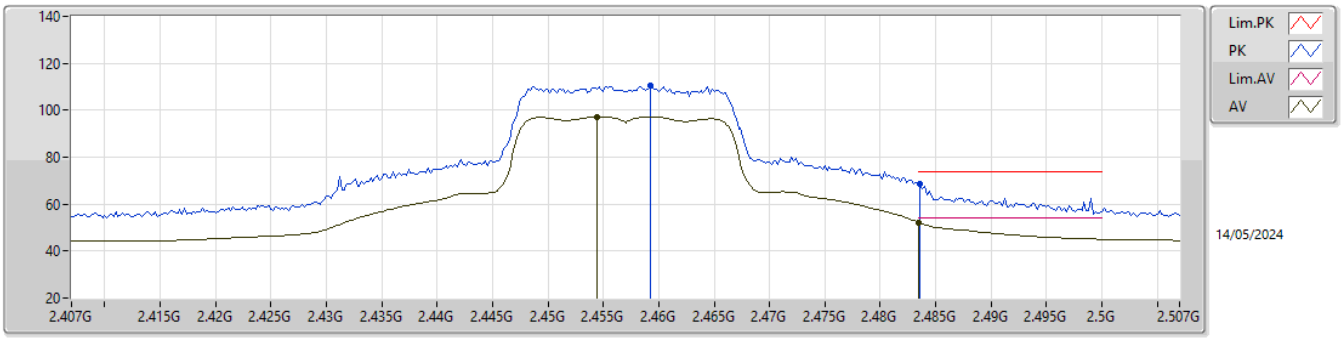


EUT Y_1TX
Setting 15
02-C-V-1

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	2.4602G	106.63	Inf	-Inf	75.15	3	Vertical	200	1.66	-	28.40	3.08	-
AV	2.4494G	93.36	Inf	-Inf	61.78	3	Vertical	200	1.66	-	28.50	3.08	-
PK	2.4838G	65.53	74.00	-8.47	33.84	3	Vertical	200	1.66	-	28.60	3.09	-
AV	2.4835G	49.79	54.00	-4.21	18.10	3	Vertical	200	1.66	-	28.60	3.09	-

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

2457MHz_TX

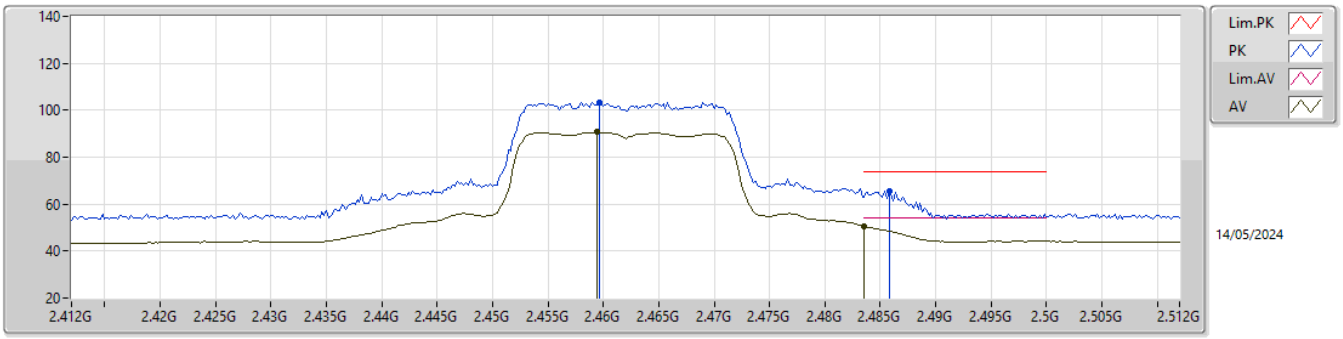


EUT Y_1TX
Setting 15
02-C-V-1

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	110.31	Inf	-Inf	78.82	3	Horizontal	122	1.80	-	28.41	3.08	-
AV	2.4544G	97.27	Inf	-Inf	65.73	3	Horizontal	122	1.80	-	28.46	3.08	-
PK	2.4836G	68.77	74.00	-5.23	37.08	3	Horizontal	122	1.80	-	28.60	3.09	-
AV	2.4835G	52.22	54.00	-1.78	20.53	3	Horizontal	122	1.80	-	28.60	3.09	-

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

2462MHz_TX

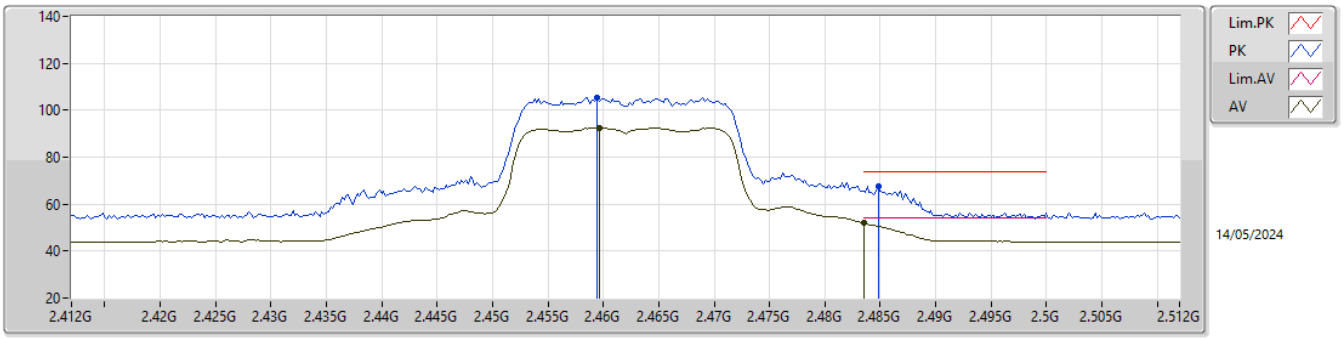


EUT Y_1TX
Setting 11
02-C-V-1

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	2.4596G	103.45	Inf	-Inf	71.97	3	Vertical	201	1.65	-	28.40	3.08	-
AV	2.4594G	90.61	Inf	-Inf	59.12	3	Vertical	201	1.65	-	28.41	3.08	-
PK	2.4858G	65.39	74.00	-8.61	33.70	3	Vertical	201	1.65	-	28.60	3.09	-
AV	2.4835G	50.59	54.00	-3.41	18.90	3	Vertical	201	1.65	-	28.60	3.09	-

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

2462MHz_TX

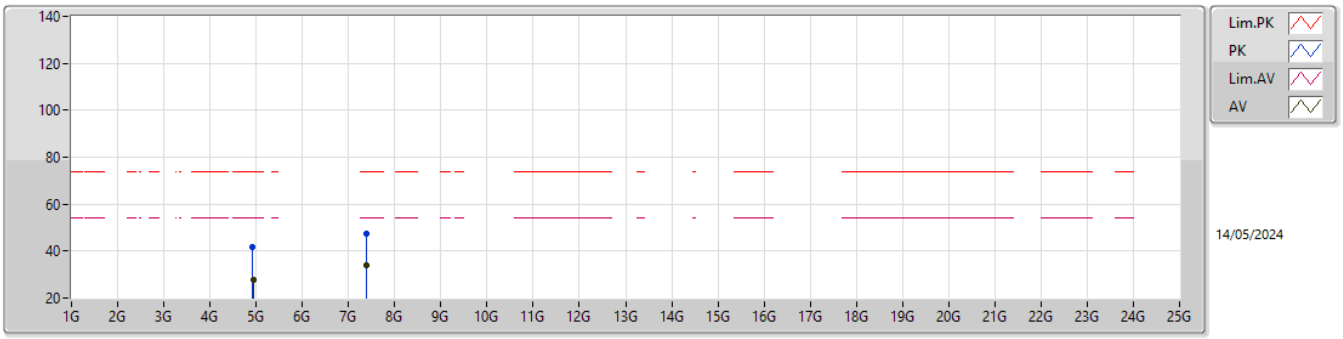


EUT Y_1TX
Setting 11
02-C-V-1

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	2.4594G	105.43	Inf	-Inf	73.94	3	Horizontal	119	1.00	-	28.41	3.08	-
AV	2.4596G	92.60	Inf	-Inf	61.12	3	Horizontal	119	1.00	-	28.40	3.08	-
PK	2.4848G	67.50	74.00	-6.50	35.81	3	Horizontal	119	1.00	-	28.60	3.09	-
AV	2.4835G	52.05	54.00	-1.95	20.36	3	Horizontal	119	1.00	-	28.60	3.09	-

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

2462MHz_TX

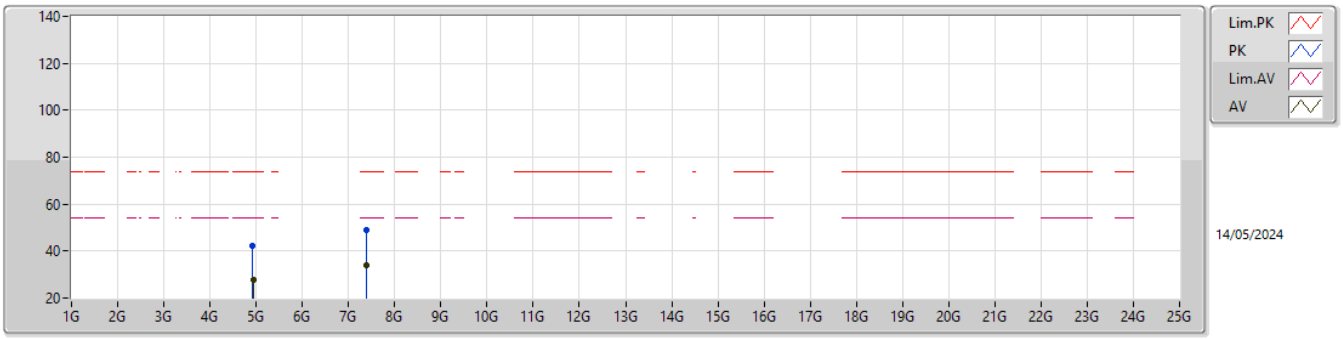


EUT Y_1TX
Setting 11
02-C-V-1

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	4.92454G	41.56	74.00	-32.44	68.61	3	Vertical	11	2.48	-	33.35	5.13	65.53
AV	4.93858G	27.71	54.00	-26.29	54.73	3	Vertical	11	2.48	-	33.38	5.13	65.53
PK	7.38942G	47.57	74.00	-26.43	70.83	3	Vertical	306	2.43	-	36.60	6.55	66.41
AV	7.3896G	33.85	54.00	-20.15	57.11	3	Vertical	306	2.43	-	36.60	6.55	66.41

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

2462MHz_TX



EUT Y_1TX
Setting 11
02-C-V-1

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	4.92148G	42.08	74.00	-31.92	69.14	3	Horizontal	244	2.75	-	33.34	5.13	65.53
AV	4.9357G	27.71	54.00	-26.29	54.74	3	Horizontal	244	2.75	-	33.37	5.13	65.53
PK	7.39686G	48.95	74.00	-25.05	72.22	3	Horizontal	213	1.14	-	36.60	6.56	66.43
AV	7.38882G	33.86	54.00	-20.14	57.12	3	Horizontal	213	1.14	-	36.60	6.55	66.41