RADIO TEST REPORT

FCC ID	:	TLZ-XM646
Equipment	:	IEEE 802.11 a/b/g/n/ac/ax Wireless LAN 1T1R and BLE/802.15.4 Solution Family 12 x 12 LGA Module
Brand Name	:	AzureWave
Model Name	:	AW-XM646G-SUR,AW-XM646G-USB,AW-XM646F-SUR,AW-XM646F-USB,AW-XM646C-SUR,AW-XM646C-USB,AW-XM646B-SUR,AW-XM646B-USB
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 Feb. 21, 2025, and testing was started from Mar. 21, 2025 and completed on Apr. 07, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR521124AC	01	Initial issue of report	Apr. 16, 2025

Summary of Test Result

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

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Wendy Pan

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	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, 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 modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						WLAN 2.4GHz, Bluetooth and Thread	WLAN 5GHz
1	1	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA Antenna	I-PEX	3.5	5

Note 2: The above information was declared by manufacturer.

Note 3: **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/Thread function (1TX/1RX):

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

1.1.3 Test Mode of Partial RU

Mode	Partial RU		
802.11ax HEW20	26	52	106

1.1.4 Mode Test Duty Cycle

For Full RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.999	0.01	8.625m	10Hz (DC>=0.98)
802.11g_Nss 1,(6D)	0.996	0.02	10.076m	10Hz (DC>=0.98)
802.11ax HEW20_Nss 1,(M0)	0.993	0.03	6.311m	10Hz (DC>=0.98)

For Partial RU:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20_Nss 1,(M0),RU26	1	0	100.003m	10Hz (DC>=0.98)
802.11ax HEW20_Nss 1,(M0),RU52	1	0	100.003m	10Hz (DC>=0.98)
802.11ax HEW20_Nss 1,(M0),RU106	1	0	100.003m	10Hz (DC>=0.98)

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

1.1.5 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	labtool 2.0.0.22			

Note: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

The difference for each model is shown as below:

EUT	Model Name	WLAN 2.4G	WLAN 5G	Bluetooth	802.15.4	Interface
1	AW-XM646G-SUR	V	V	V	V	SUR
2	AW-XM646G-USB	V	V	V	V	USB
-	AW-XM646F-SUR	V	V	V	X	SUR
-	AW-XM646F-USB	V	V	V	X	USB
-	AW-XM646C-SUR	V	X	V	V	SUR
-	AW-XM646C-USB	V	X	V	V	USB
-	AW-XM646B-SUR	V	X	V	X	SUR
-	AW-XM646B-USB	V	X	V	X	USB
Description						
In addition to the differences mentioned above, there are differences in marketing strategy.						

Note 1: From the above EUT, EUT 1 and 2 were selected as representative model 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 (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Mason Chen	21.2~22.6 / 58~61	Mar. 24, 2025~ Mar. 29, 2025
Radiated below 1GHz	03CH06-CB	Eason Chen	21.9~23.1 / 60~62	Mar. 21, 2025~ Mar. 29, 2025
Radiated above 1GHz	03CH02-CB	Eason Chen	21.5~23.3 / 58~61	Mar. 21, 2025~ Mar. 29, 2025
	03CH05-CB	Eason Chen	21.5~22.9 / 57~60	Mar. 21, 2025~ Mar. 29, 2025
Radiated Co-Location	03CH03-CB	Eason Chen	21.6~23.1 / 58~62	Mar. 21, 2025~ Mar. 29, 2025
AC Conduction	CO02-CB	Joe Chu	23~24 / 50~51	Apr. 07, 2025

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU:

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

For Partial RU:

Mode
802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX
2412MHz
802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX
2412MHz
802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX
2412MHz
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX
2462MHz
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX
2462MHz
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX
2462MHz

Note:
- HEW20 covers HT20/VHT20 due to similar modulation. The power setting for HT20/VHT20 is the same or lower than HEW20.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT 1 + Bluetooth
2	EUT 2 + Bluetooth
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 5 will follow this same test mode.	
3	EUT 1 + WLAN 2.4GHz
4	EUT 1 + Thread
5	EUT 1 + WLAN 5GHz
For operating mode 4 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
The EUT was performed at EUT 1 and EUT 2 for Radiated emission above 1GHz test, and the worst case was found as EUT 1. Thus, the measurement will follow this same test configuration.	
1	EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
The EUT was performed at EUT 1 and EUT 2 for Radiated emission above 1GHz test, and the worst case was found as EUT 1. Thus, the measurement will follow this same test configuration.	
1	EUT 1 - Fully RU
2	EUT 1 - Partial RU

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 for Radiated emission above 1GHz test, and the worst case was found as below. Thus, the measurement will follow this same test configuration.
1	EUT 1 in X axis + WLAN 2.4GHz
2	EUT 2 in X axis + WLAN 2.4GHz
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 5 will follow this same test mode.	
3	EUT 1 in X axis + Bluetooth
4	EUT 1 in Z axis + WLAN 5GHz
5	EUT 1 in Z axis + Thread
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	1. The EUT was performed at X axis, Y axis and Z axis position the worst case was found as below. Thus, the measurement will follow this same test configuration. 2. The EUT 1 and EUT 2 performed the testing, and the worst case was found in EUT 1. Thus, the measurement will follow this same test configuration.
1	For Full RU EUT 1 in X axis for Harmonic EUT 1 in Y axis for Bandedge
2	For Partial RU EUT 1 in X axis for Harmonic EUT 1 in Y axis for Bandedge

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed at EUT 1 and EUT 2 for Radiated emission above 1GHz test, and the worst case was found as EUT 1. Thus, the measurement will follow this same test configuration.
1	EUT 1 + Bluetooth+WLAN 2.4GHz
2	EUT 1 + Bluetooth+WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz
2	Bluetooth + WLAN 5GHz
Refer to Sporton Test Report No.: FA521124 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For Normal Link:

During the test, the EUT operation to normal function.

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

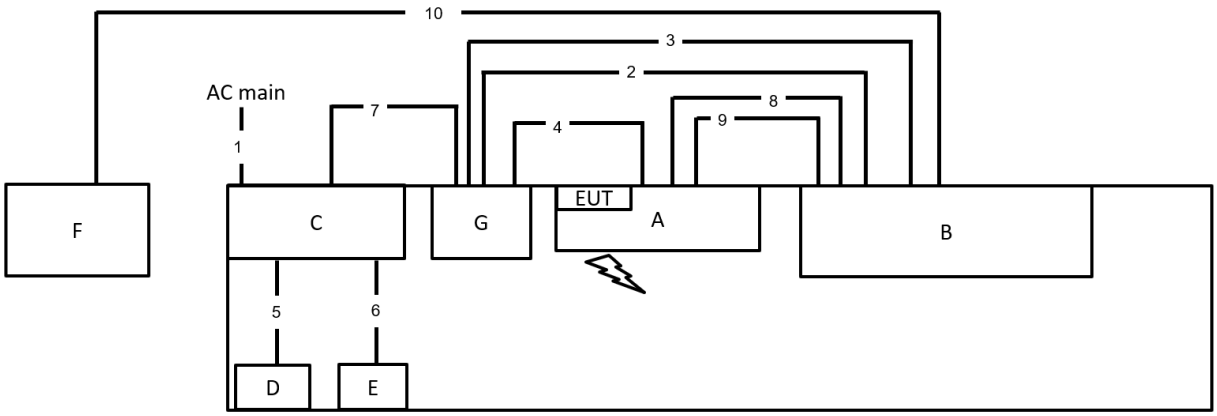
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	EUT Fixture	Azurewave	2460-i4	N/A
B	Thread Fixture	Azurewave	3510	N/A
C	NB	DELL	E6430	N/A
D	Earphone	e-Power	GT02	N/A
E	Mouse	acer	MOBVUO	N/A
F	NB	DELL	E6430	N/A
G	USB HUB	INTOPIC	HB-16	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN/Bluetooth Fixture	AzureWave	2460-i6	N/A
C	EUT Fixture	Azurewave	2460-i4	N/A

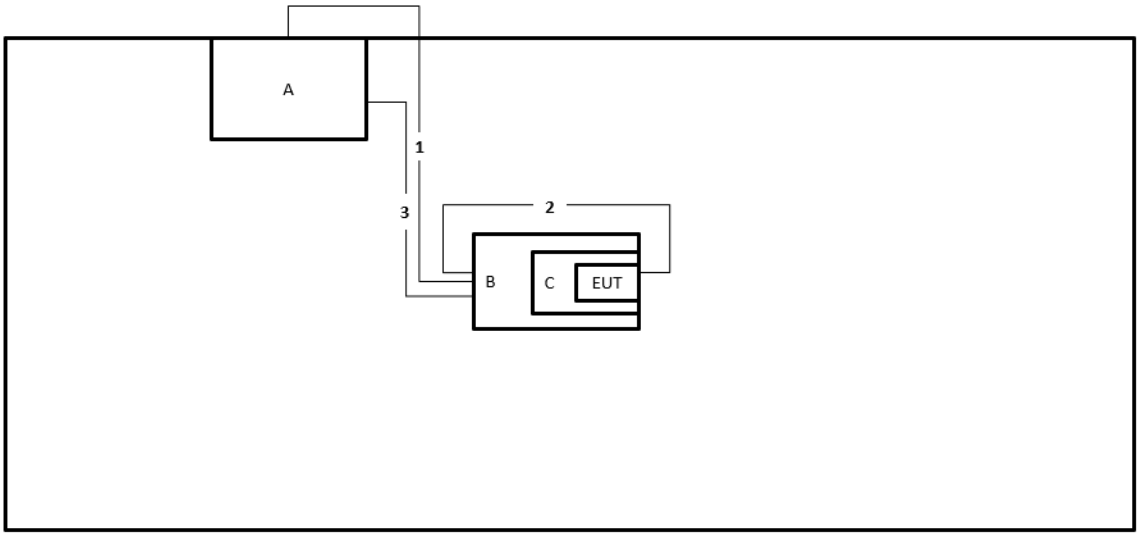
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.3m
2	Type C USB cable	Yes	1m
3	Micro USB cable	Yes	1.2m
4	Type C USB cable	Yes	1m
5	Audio cable	No	1.2m
6	USB cable	Yes	1.2m
7	USB cable	Yes	0.1m
8	IPEX Cable*6	Yes	0.1m
9	IPEX Cable	Yes	0.2m
10	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	1m
2	Type-C USB cable	Yes	1m
3	Type-C USB cable	Yes	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

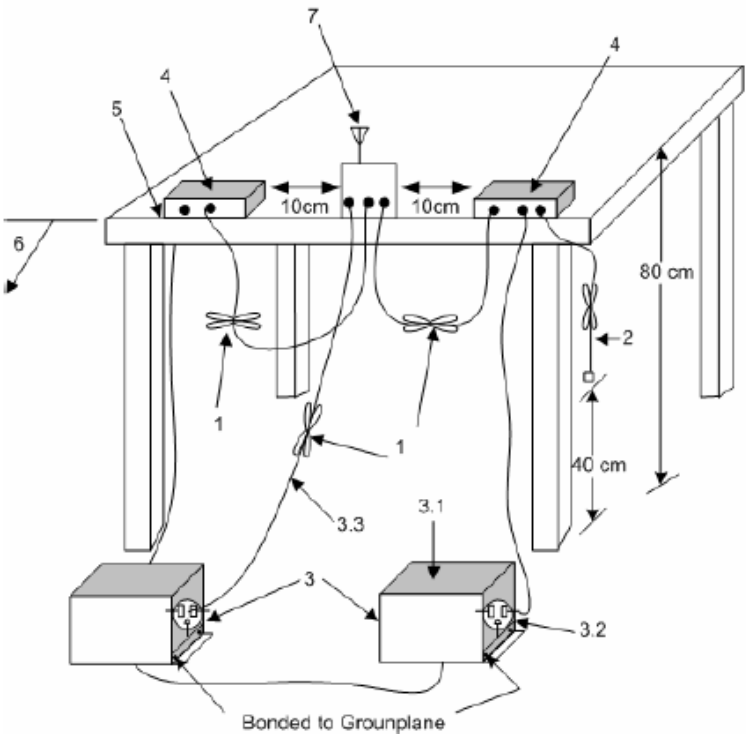
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

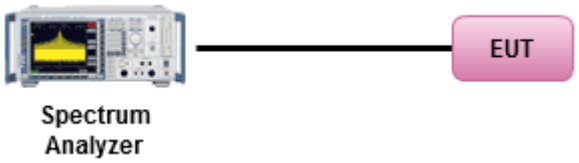
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm	
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
	▪ Smart antenna system (SAS):	
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

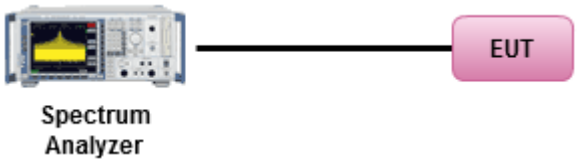
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).		
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.	
▪ For conducted measurement.		
	▪ If The EUT supports multiple transmit chains using options given below:	
		☐ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dBc)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

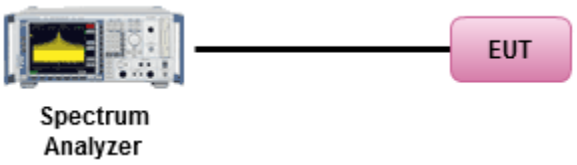
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

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

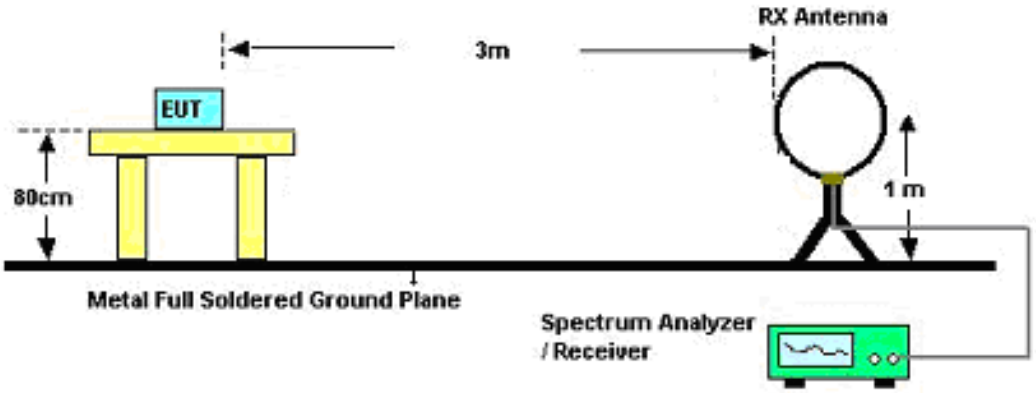
3.6.3 Test Procedures

Test Method			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.		
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB		
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.		

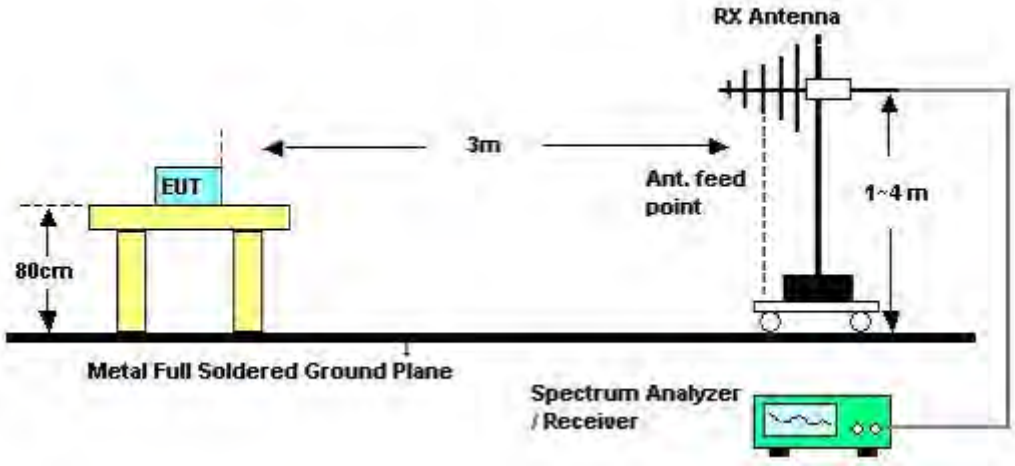
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

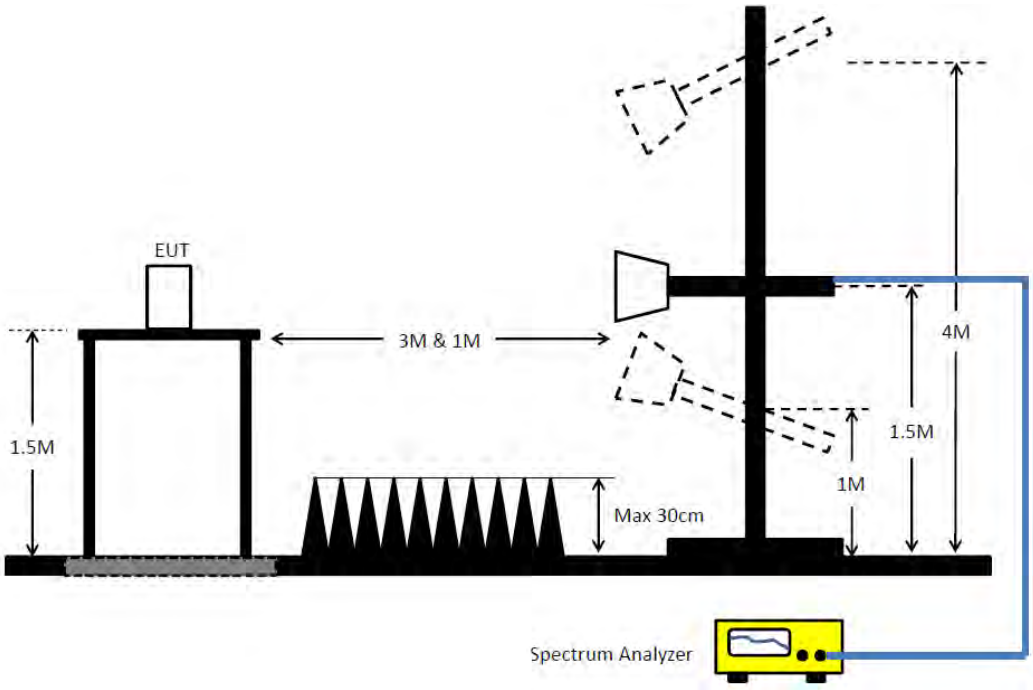
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 15, 2024	Apr. 14, 2025	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Feb. 06, 2025	Feb. 05, 2026	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 15, 2024	May 14, 2025	Conduction (CO02-CB)
COND Cable	Woken	Cable	02	0.15MHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Oct. 24, 2024	Oct. 23, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS·Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835G Hz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835G Hz	N.C.R.	N.C.R.	Conducted (TH01-CB)

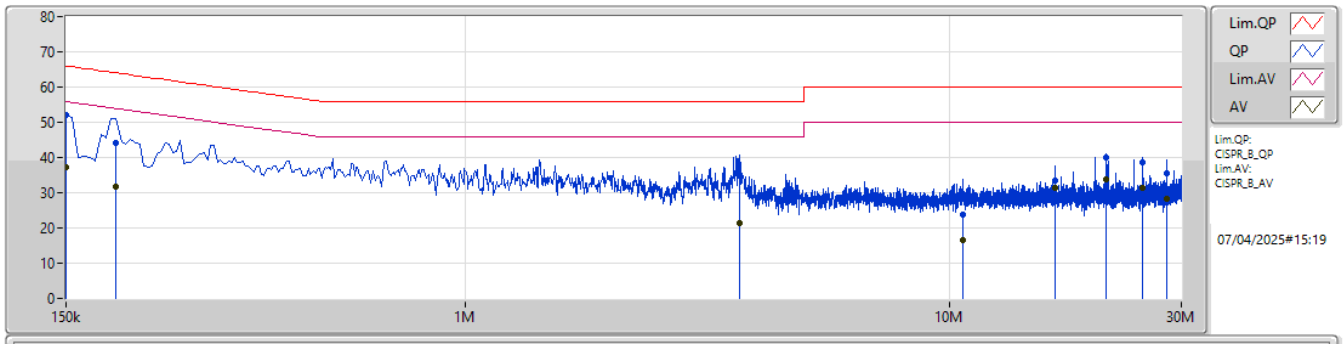
Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

Summary

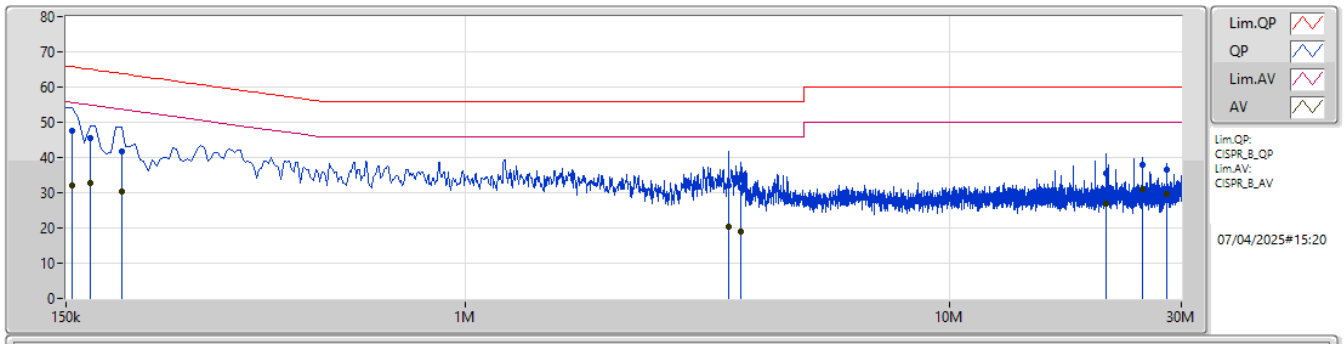
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	QP	150k	51.99	66.00	-14.01	Line

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	51.99	66.00	-14.01	10.15	Line	"Worst"	41.84	0.05	0.08	10.02
AV	150k	37.35	56.00	-18.65	10.15	Line	-	27.20	0.05	0.08	10.02
QP	190.5k	44.01	64.01	-20.00	10.14	Line	-	33.87	0.05	0.07	10.02
AV	190.5k	31.64	54.01	-22.37	10.14	Line	-	21.50	0.05	0.07	10.02
QP	3.683M	34.81	56.00	-21.19	10.32	Line	-	24.49	0.12	0.15	10.05
AV	3.683M	21.49	46.00	-24.51	10.32	Line	-	11.17	0.12	0.15	10.05
QP	10.649M	23.63	60.00	-36.37	10.43	Line	-	13.20	0.26	0.16	10.01
AV	10.649M	16.38	50.00	-33.62	10.43	Line	-	5.95	0.26	0.16	10.01
QP	16.467M	33.50	60.00	-26.50	10.63	Line	-	22.87	0.35	0.26	10.02
AV	16.467M	31.47	50.00	-18.53	10.63	Line	-	20.84	0.35	0.26	10.02
QP	20.949M	39.99	60.00	-20.01	10.75	Line	-	29.24	0.41	0.33	10.01
AV	20.949M	33.84	50.00	-16.16	10.75	Line	-	23.09	0.41	0.33	10.01
QP	24.941M	38.45	60.00	-21.55	10.84	Line	-	27.61	0.50	0.31	10.03
AV	24.941M	31.38	50.00	-18.62	10.84	Line	-	20.54	0.50	0.31	10.03
QP	27.933M	35.60	60.00	-24.40	10.95	Line	-	24.65	0.56	0.32	10.07
AV	27.933M	28.34	50.00	-21.66	10.95	Line	-	17.39	0.56	0.32	10.07

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	47.46	65.75	-18.29	10.15	Neutral	"Worst"	37.31	0.05	0.08	10.02
AV	154.5k	32.14	55.75	-23.61	10.15	Neutral	-	21.99	0.05	0.08	10.02
QP	168k	45.39	65.06	-19.67	10.15	Neutral	-	35.24	0.05	0.08	10.02
AV	168k	32.65	55.06	-22.41	10.15	Neutral	-	22.50	0.05	0.08	10.02
QP	195k	41.87	63.82	-21.95	10.14	Neutral	-	31.73	0.05	0.07	10.02
AV	195k	30.37	53.82	-23.45	10.14	Neutral	-	20.23	0.05	0.07	10.02
QP	3.494M	32.05	56.00	-23.95	10.30	Neutral	-	21.75	0.10	0.15	10.05
AV	3.494M	20.27	46.00	-25.73	10.30	Neutral	-	9.97	0.10	0.15	10.05
QP	3.71M	31.47	56.00	-24.53	10.31	Neutral	-	21.16	0.11	0.15	10.05
AV	3.71M	18.83	46.00	-27.17	10.31	Neutral	-	8.52	0.11	0.15	10.05
QP	20.954M	35.68	60.00	-24.32	10.61	Neutral	-	25.07	0.27	0.33	10.01
AV	20.954M	27.01	50.00	-22.99	10.61	Neutral	-	16.40	0.27	0.33	10.01
QP	24.941M	38.10	60.00	-21.90	10.64	Neutral	-	27.46	0.30	0.31	10.03
AV	24.941M	30.92	50.00	-19.08	10.64	Neutral	-	20.28	0.30	0.31	10.03
QP	27.933M	36.38	60.00	-23.62	10.71	Neutral	-	25.67	0.32	0.32	10.07
AV	27.933M	29.66	50.00	-20.34	10.71	Neutral	-	18.95	0.32	0.32	10.07

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	8.6M	12.354M	12M4G1D	8.4M	11.889M
802.11g_Nss1,(6Mbps)_1TX	16.575M	17.141M	17M1D1D	16.45M	16.594M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.65M	18.893M	18M9D1D	16.125M	18.731M

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

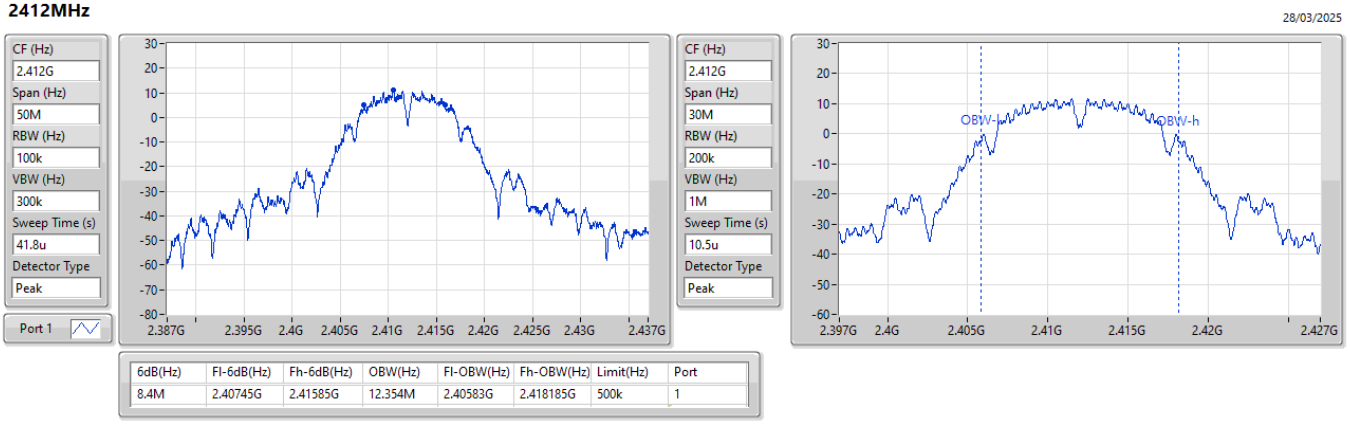
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.4M	12.354M
2437MHz	Pass	500k	8.6M	11.889M
2462MHz	Pass	500k	8.575M	11.958M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.45M	16.605M
2437MHz	Pass	500k	16.475M	17.141M
2462MHz	Pass	500k	16.575M	16.594M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	17.45M	18.731M
2437MHz	Pass	500k	18.65M	18.893M
2462MHz	Pass	500k	16.125M	18.813M

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

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

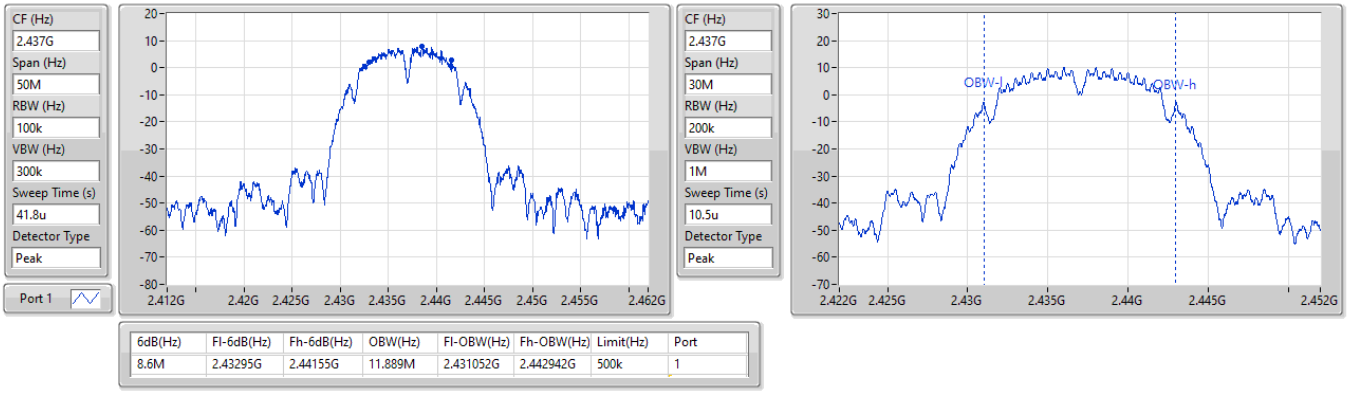
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.4M	2.40745G	2.41585G	12.354M	2.40583G	2.418185G	500k	1

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

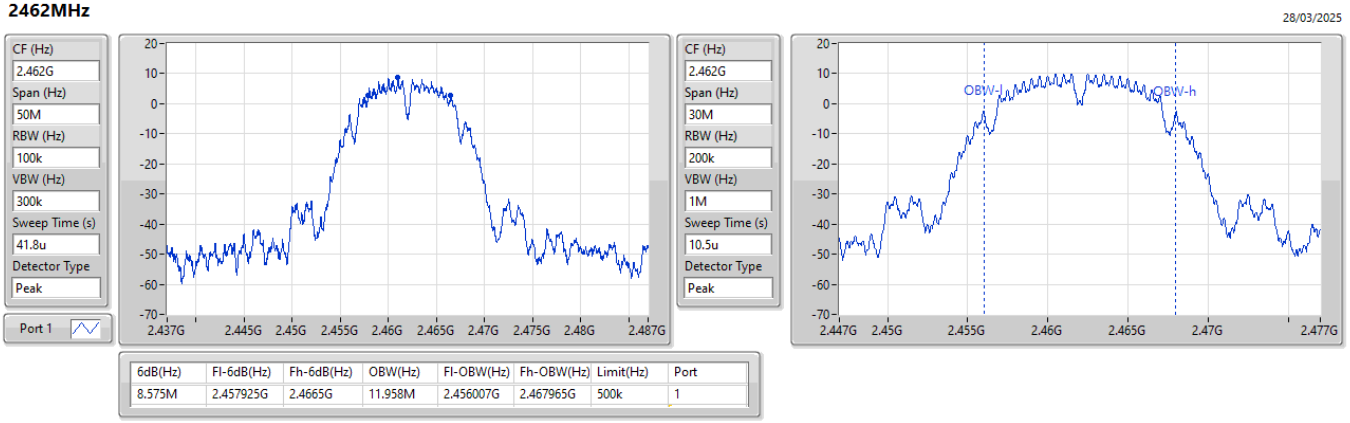
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.6M	2.43295G	2.44155G	11.889M	2.431052G	2.442942G	500k	1

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

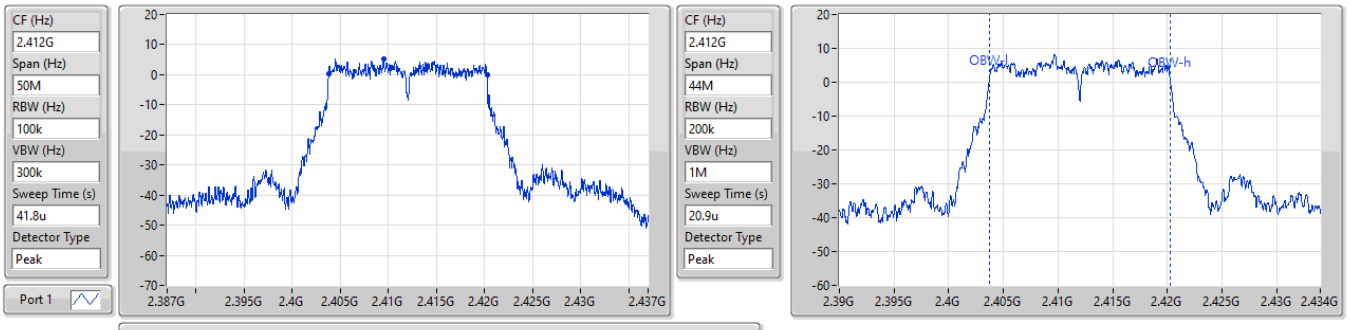
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.575M	2.457925G	2.4665G	11.958M	2.456007G	2.467965G	500k	1

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

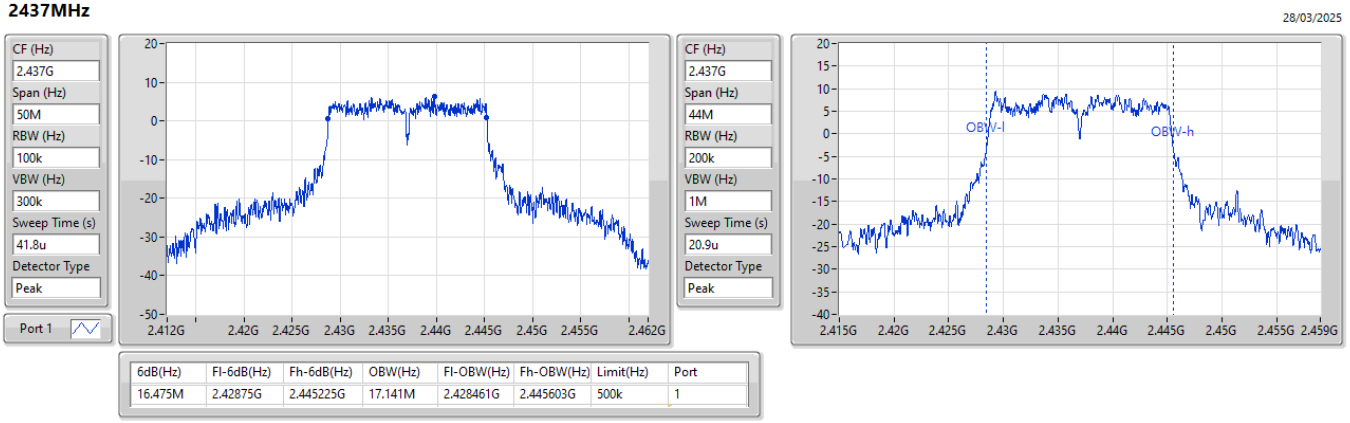
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.45M	2.4038G	2.42025G	16.605M	2.403691G	2.420295G	500k	1

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

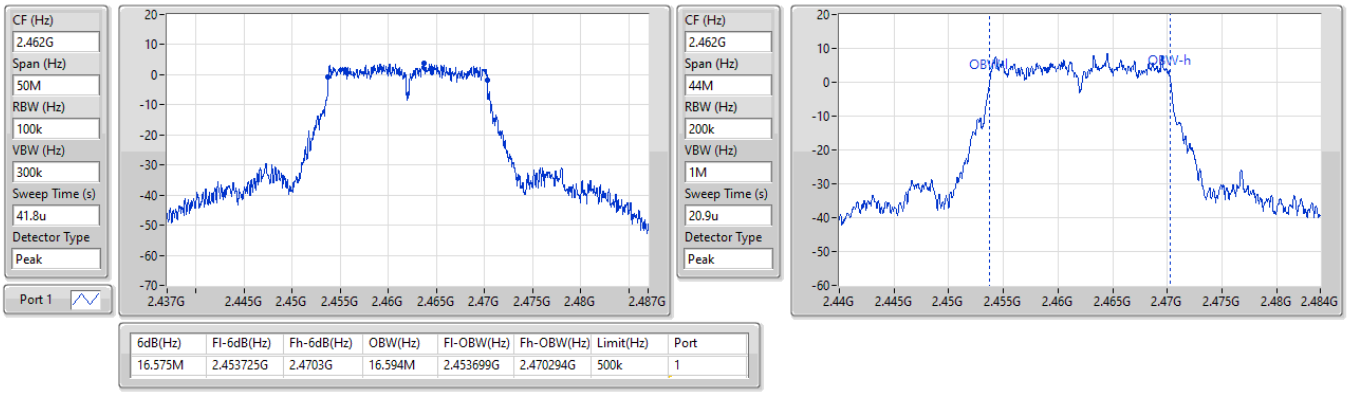
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.475M	2.42875G	2.445225G	17.141M	2.428461G	2.445603G	500k	1

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

2462MHz

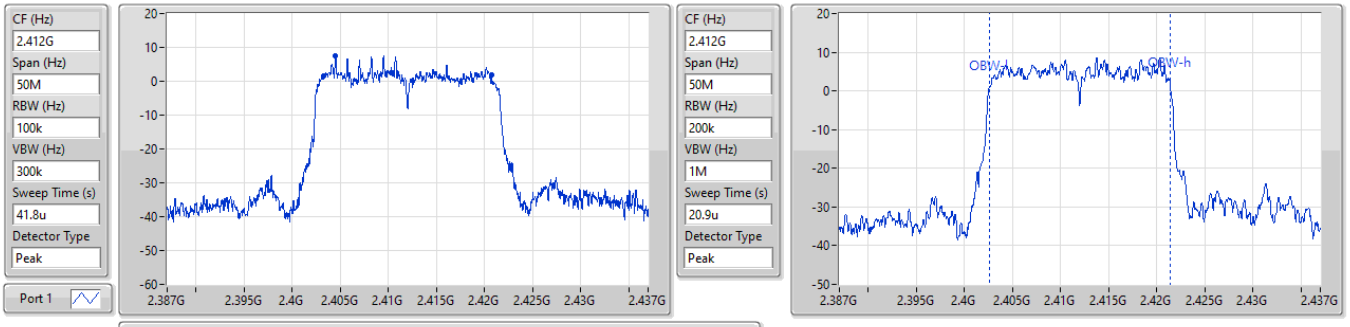


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.575M	2.453725G	2.4703G	16.594M	2.453699G	2.470294G	500k	1

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

2412MHz

28/03/2025

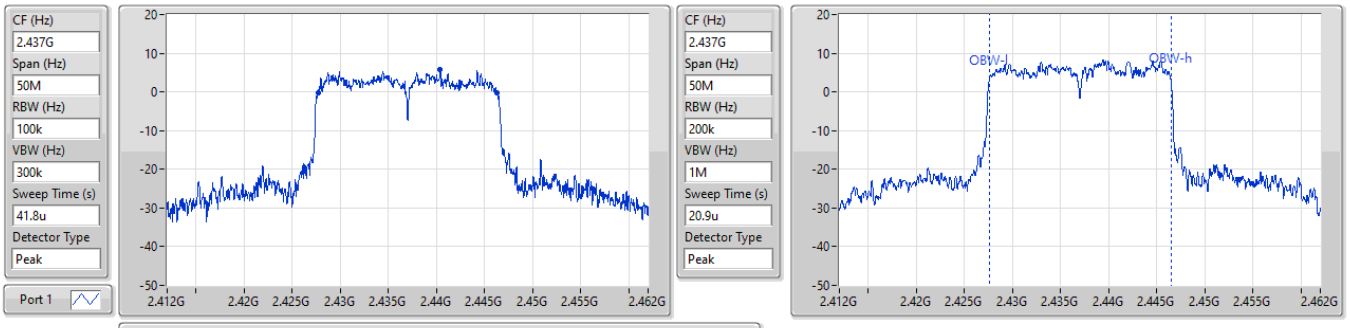


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.45M	2.403275G	2.420725G	18.731M	2.402635G	2.421366G	500k	1

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

2437MHz

28/03/2025

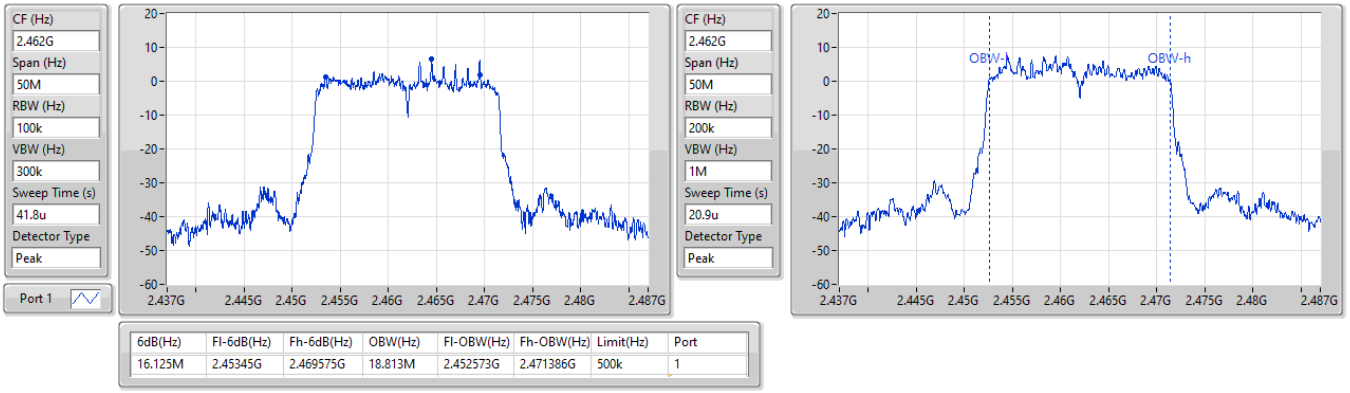


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.65M	2.427675G	2.446325G	18.893M	2.427566G	2.446459G	500k	1

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

2462MHz

28/03/2025



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.125M	2.45345G	2.469575G	18.813M	2.452573G	2.471386G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.52	0.14191
802.11g_Nss1,(6Mbps)_1TX	20.77	0.11940
802.11ax HEW20_Nss1,(MCS0)_1TX	20.43	0.11041

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	21.52	21.52	30.00
2437MHz	Pass	3.50	18.96	18.96	30.00
2462MHz	Pass	3.50	18.93	18.93	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	18.92	18.92	30.00
2437MHz	Pass	3.50	20.77	20.77	30.00
2462MHz	Pass	3.50	18.31	18.31	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	19.31	19.31	30.00
2437MHz	Pass	3.50	20.43	20.43	30.00
2457MHz	Pass	3.50	20.05	20.05	30.00
2462MHz	Pass	3.50	17.36	17.36	30.00

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

Test Mode: Mode 1
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-4.32
802.11g_Nss1,(6Mbps)_1TX	-6.08
802.11ax HEW20_Nss1,(MCS0)_1TX	-6.30

RBW = 3kHz;

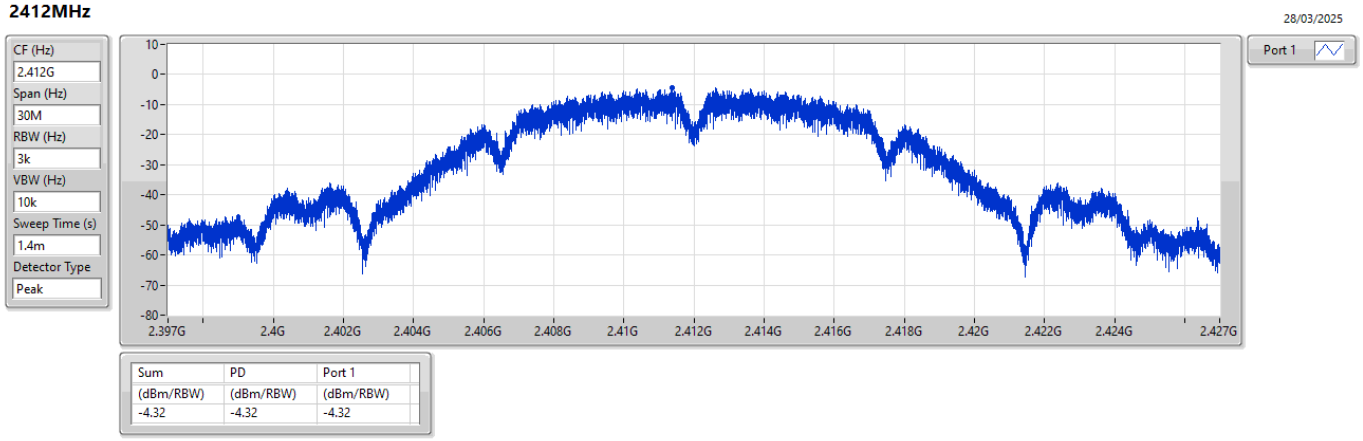
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-4.32	-4.32	8.00
2437MHz	Pass	3.50	-6.21	-6.21	8.00
2462MHz	Pass	3.50	-6.17	-6.17	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-8.22	-8.22	8.00
2437MHz	Pass	3.50	-6.08	-6.08	8.00
2462MHz	Pass	3.50	-8.46	-8.46	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-8.69	-8.69	8.00
2437MHz	Pass	3.50	-6.30	-6.30	8.00
2462MHz	Pass	3.50	-10.51	-10.51	8.00

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

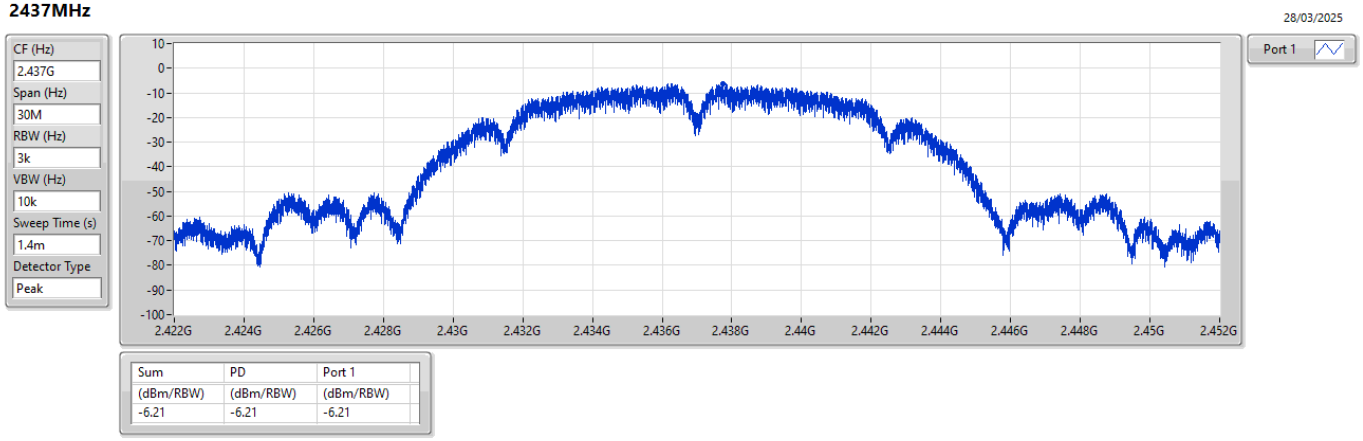
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2412MHz



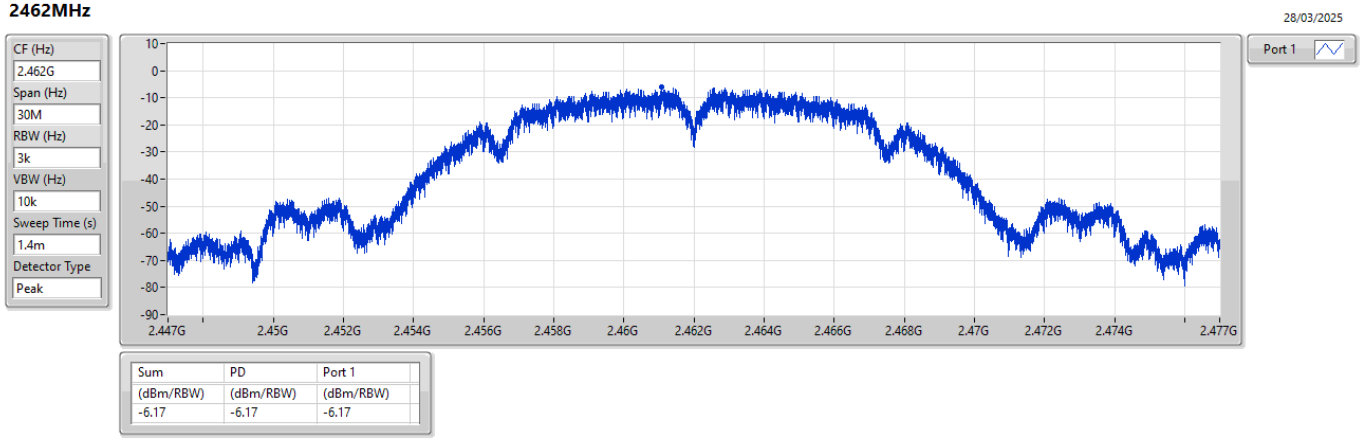
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2437MHz



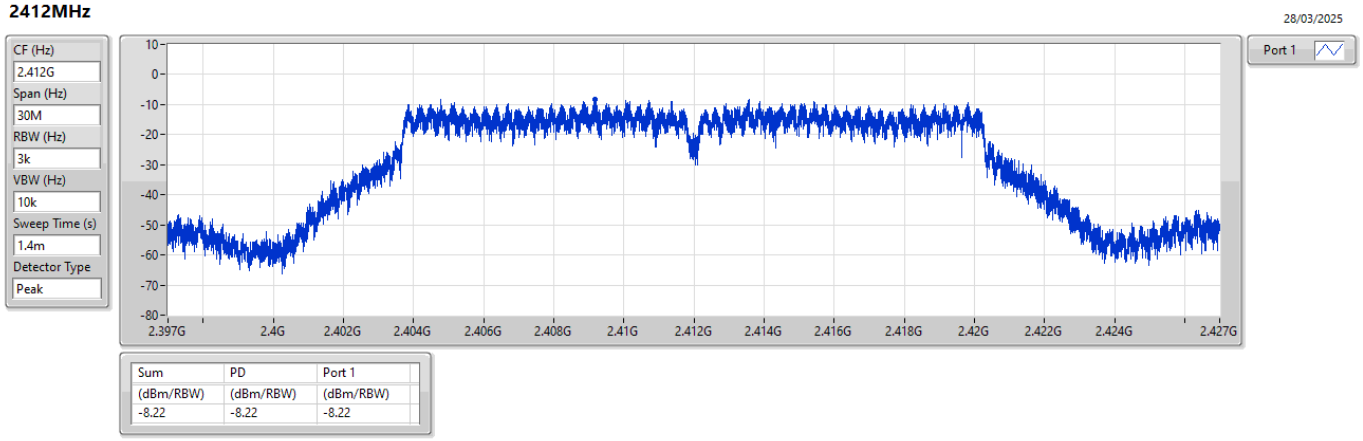
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2462MHz



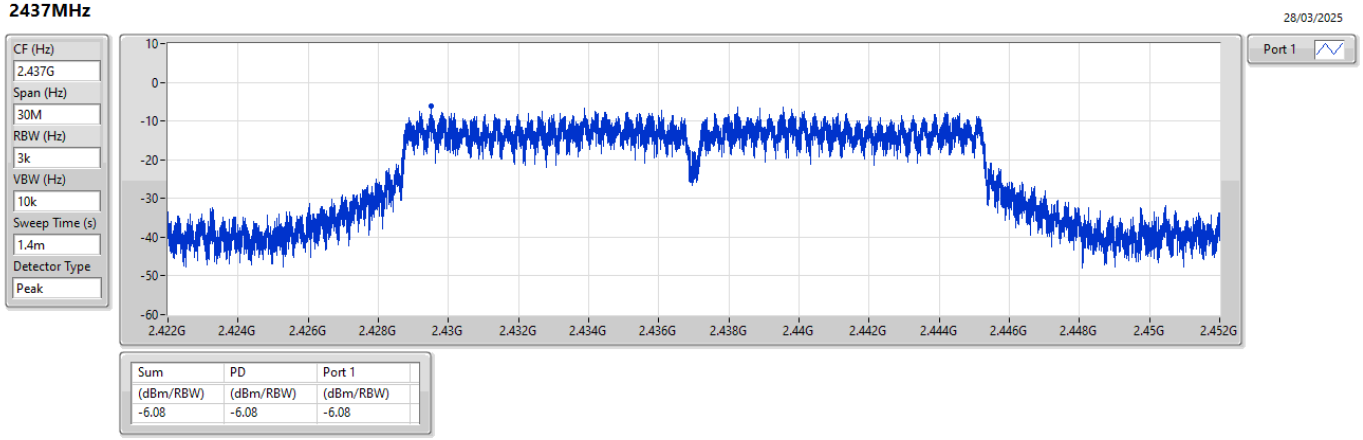
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2412MHz



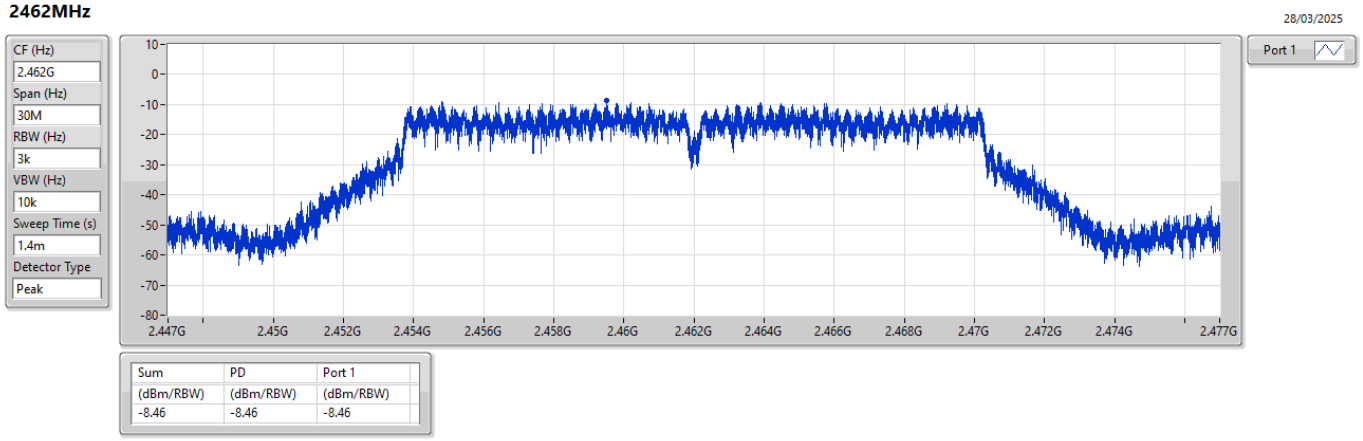
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2437MHz



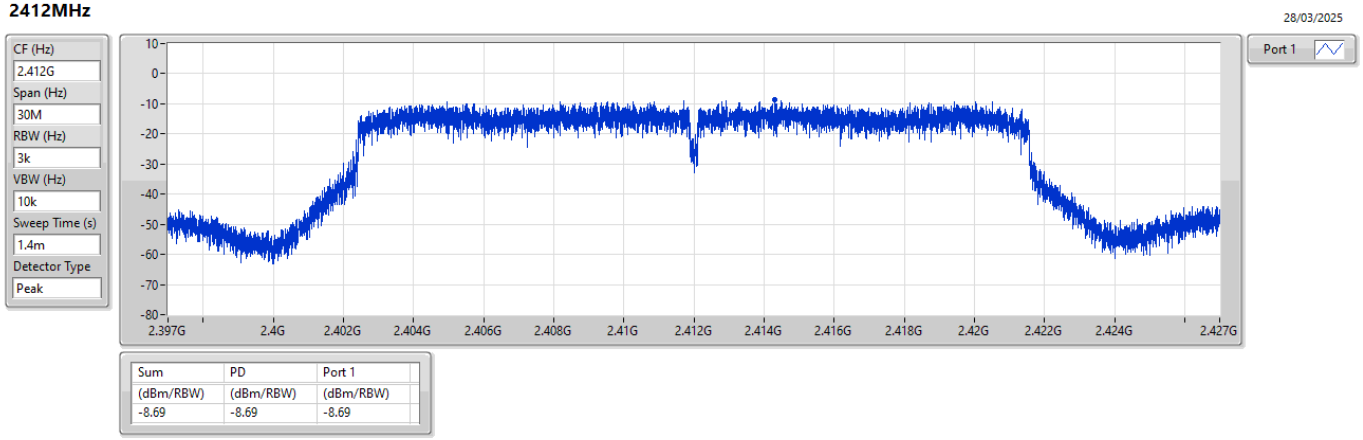
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2462MHz



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

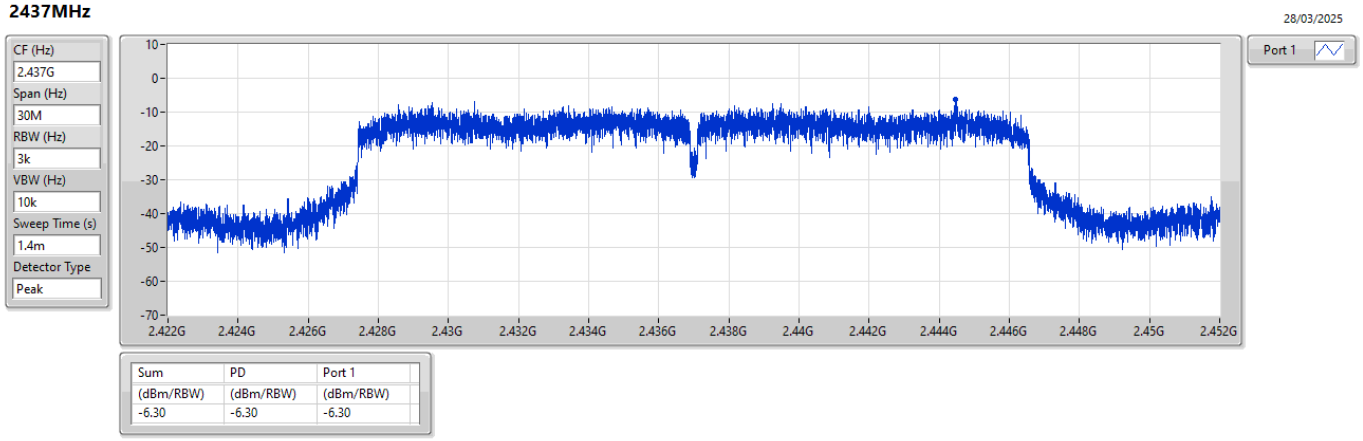
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.69	-8.69	-8.69

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

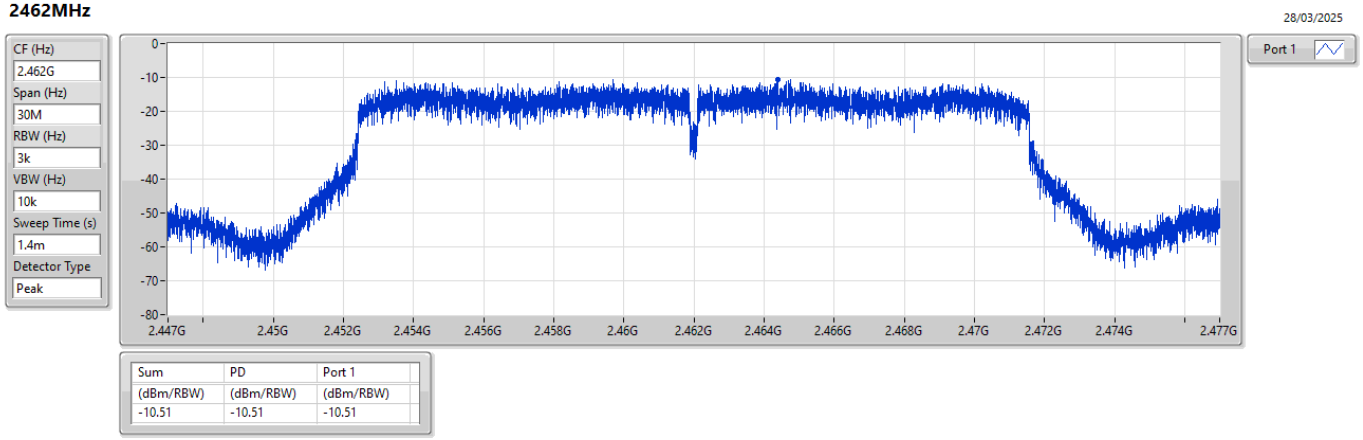
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.30	-6.30	-6.30

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

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.51	-10.51	-10.51

Test Mode: Mode 2
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX	-8.96

RBW = 3kHz;

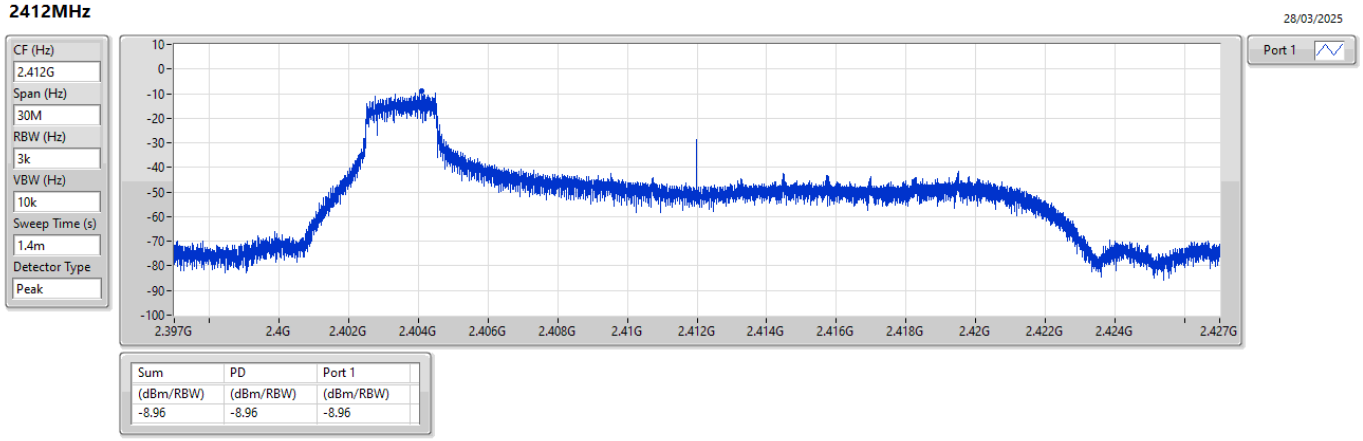
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-8.96	-8.96	8.00
802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-9.03	-9.03	8.00
802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-9.00	-9.00	8.00
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX	-	-	-	-	-
2462MHz	Pass	3.50	-10.74	-10.74	8.00
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX	-	-	-	-	-
2462MHz	Pass	3.50	-10.92	-10.92	8.00
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX	-	-	-	-	-
2462MHz	Pass	3.50	-10.83	-10.83	8.00

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

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX **PSD**

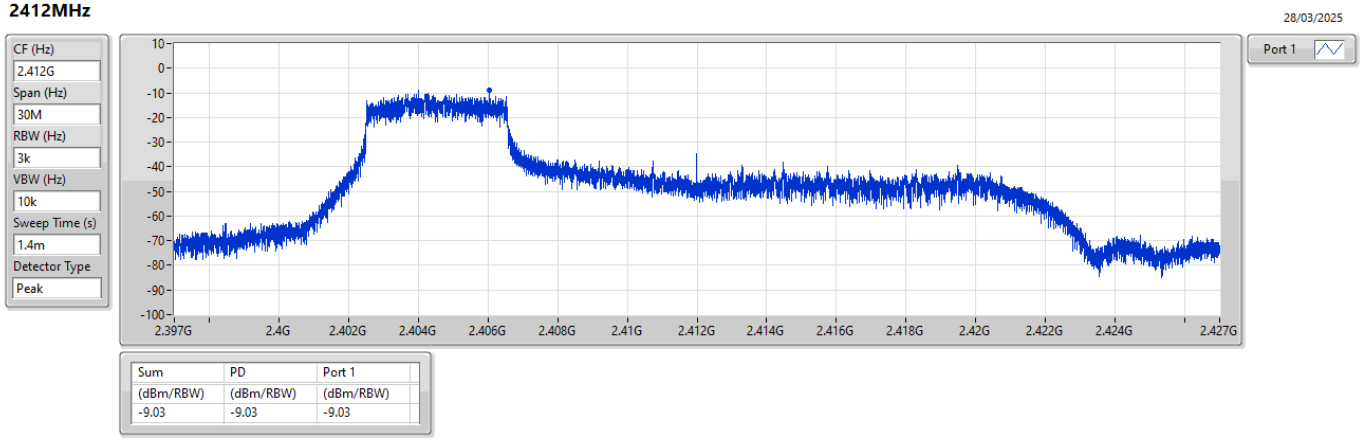
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.96	-8.96	-8.96

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX **PSD**

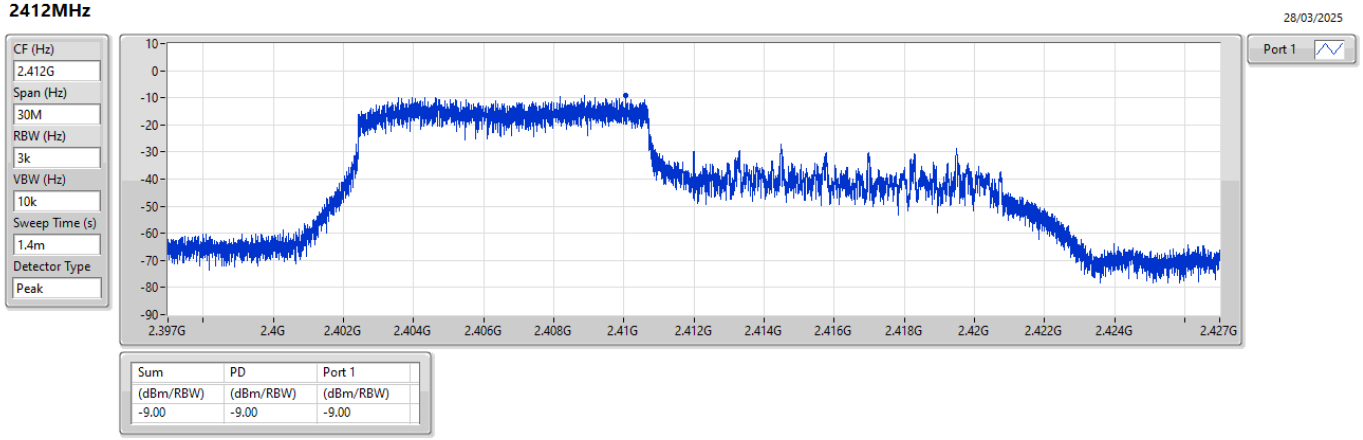
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.03	-9.03	-9.03

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX **PSD**

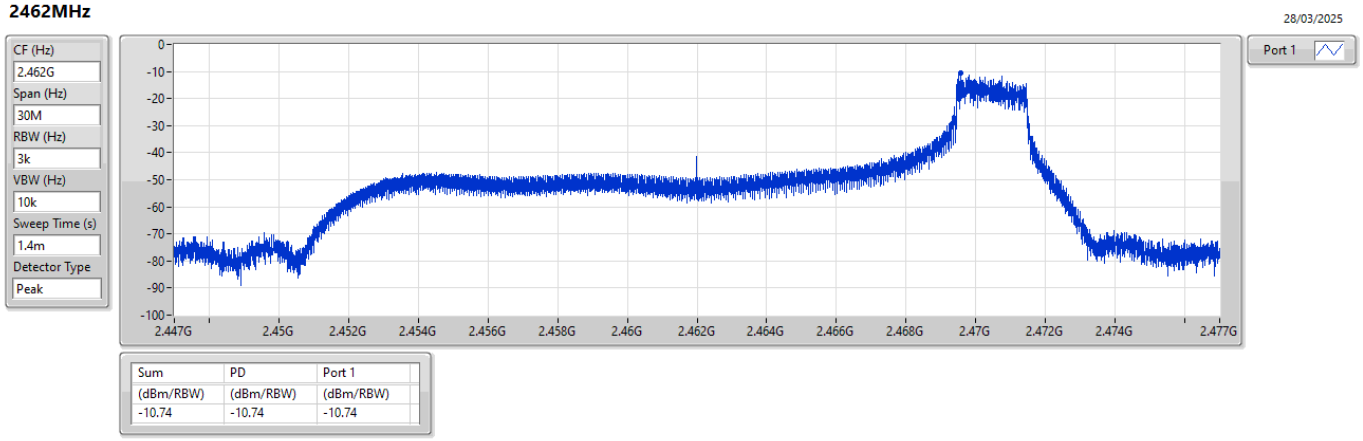
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.00	-9.00	-9.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX **PSD**

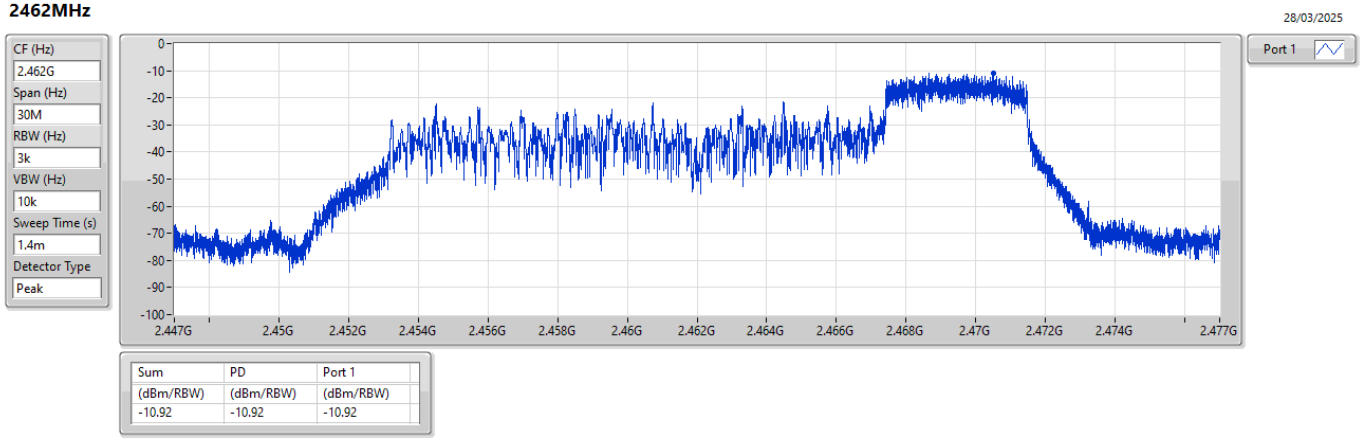
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.74	-10.74	-10.74

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX **PSD**

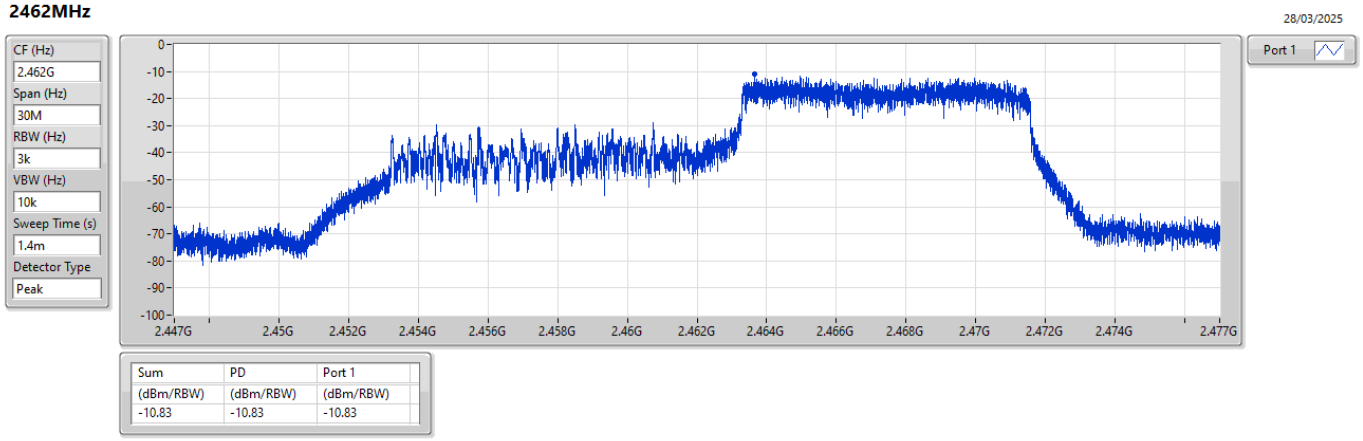
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.92	-10.92	-10.92

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX **PSD**

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.83	-10.83	-10.83

Summary

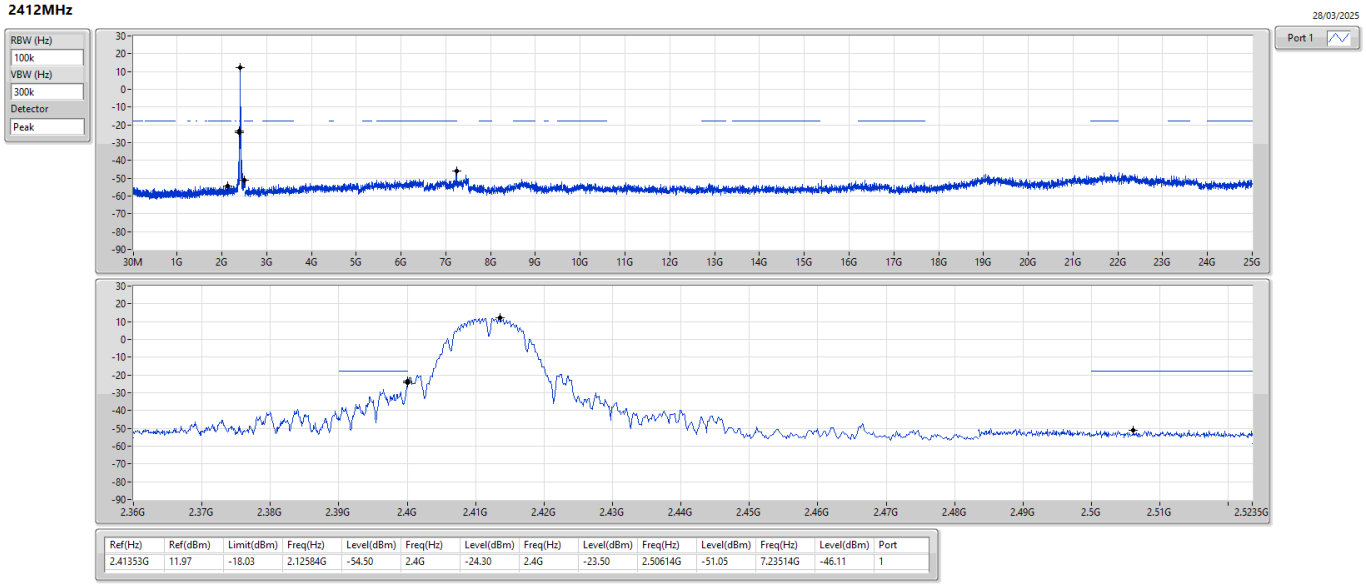
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.41353G	11.97	-18.03	2.12584G	-54.50	2.4G	-24.30	2.4G	-23.50	2.50614G	-51.05	7.23514G	-46.11	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43941G	10.23	-19.77	2.30525G	-54.06	2.39704G	-29.52	2.4G	-36.49	2.50166G	-51.18	21.57233G	-47.72	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43941G	9.99	-20.01	1.80663G	-54.05	2.39736G	-26.63	2.4G	-34.80	2.50438G	-51.08	21.66786G	-47.31	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	2.41353G	11.97	-18.03	2.12584G	-54.50	2.4G	-24.30	2.4G	-23.50	2.50614G	-51.05	7.23514G	-46.11	1
2437MHz	Pass	2.41353G	11.97	-18.03	2.14215G	-54.04	2.39352G	-46.16	2.4G	-48.66	2.51206G	-51.18	21.92353G	-47.19	1
2462MHz	Pass	2.41353G	11.97	-18.03	1.80197G	-53.94	2.3944G	-50.99	2.4G	-55.48	2.5031G	-50.15	21.68753G	-46.45	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	10.23	-19.77	2.30525G	-54.06	2.39704G	-29.52	2.4G	-36.49	2.50166G	-51.18	21.57233G	-47.72	1
2437MHz	Pass	2.43941G	10.23	-19.77	2.30641G	-53.89	2.39576G	-35.12	2.4G	-36.72	2.50198G	-46.35	21.73529G	-46.66	1
2462MHz	Pass	2.43941G	10.23	-19.77	2.06176G	-54.20	2.39032G	-50.14	2.4G	-54.68	2.50046G	-47.76	21.95162G	-47.56	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	9.99	-20.01	1.80663G	-54.05	2.39736G	-26.63	2.4G	-34.80	2.50438G	-51.08	21.66786G	-47.31	1
2437MHz	Pass	2.43941G	9.99	-20.01	2.30758G	-54.30	2.39824G	-36.52	2.4G	-38.01	2.50078G	-45.21	21.7381G	-47.61	1
2462MHz	Pass	2.43941G	9.99	-20.01	2.1736G	-54.36	2.3976G	-50.45	2.4G	-55.62	2.50046G	-48.13	21.80553G	-46.18	1

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

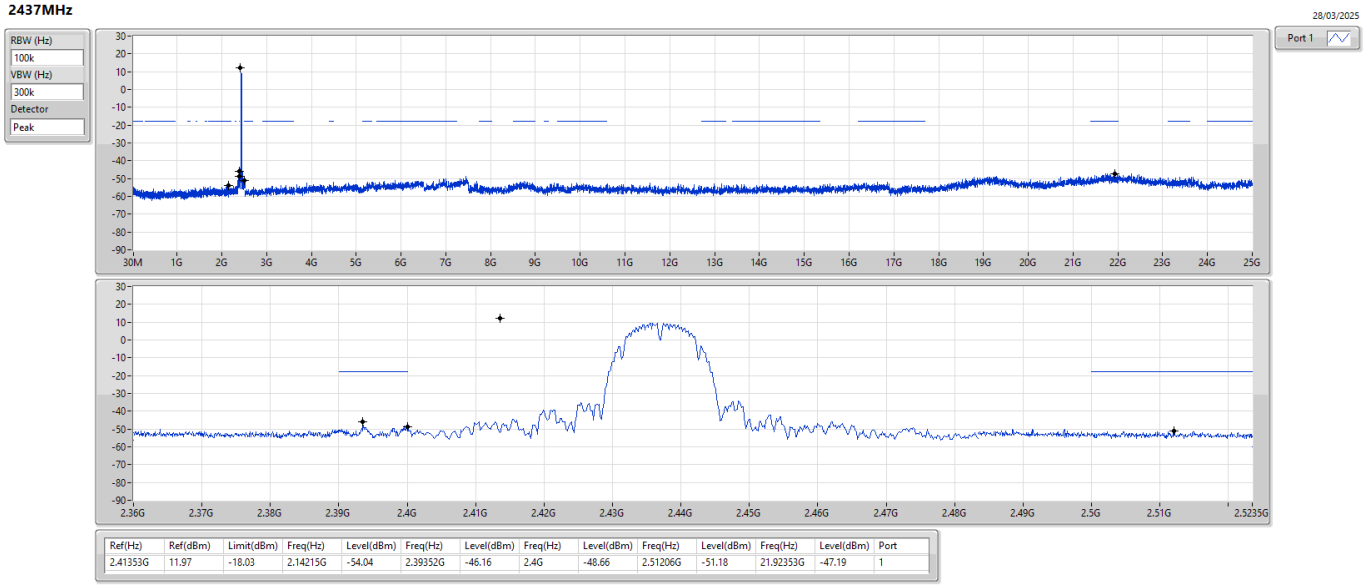
2412MHz



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
2.41353G	11.97	-18.03	2.12584G	-54.50	2.4G	-24.30	2.4G	-23.50	2.50614G	-51.05	7.23514G	-46.11	1

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

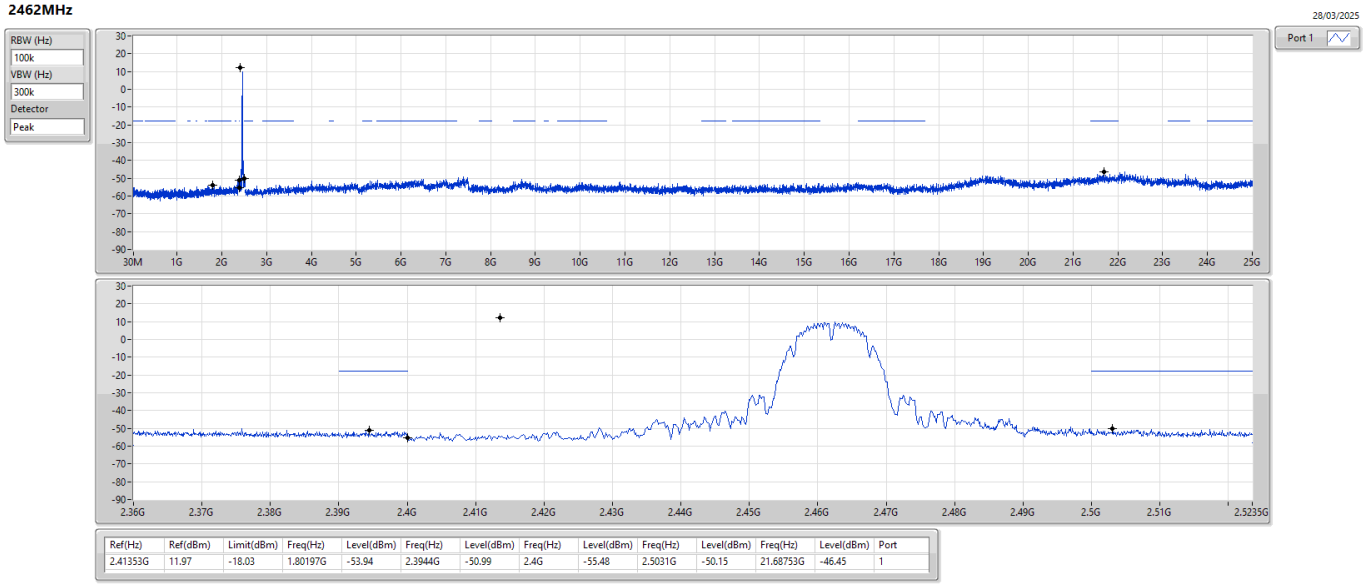
2437MHz



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
2.41353G	11.97	-18.03	2.14215G	-54.04	2.39352G	-46.16	2.4G	-48.66	2.51206G	-51.18	21.92353G	-47.19	1

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

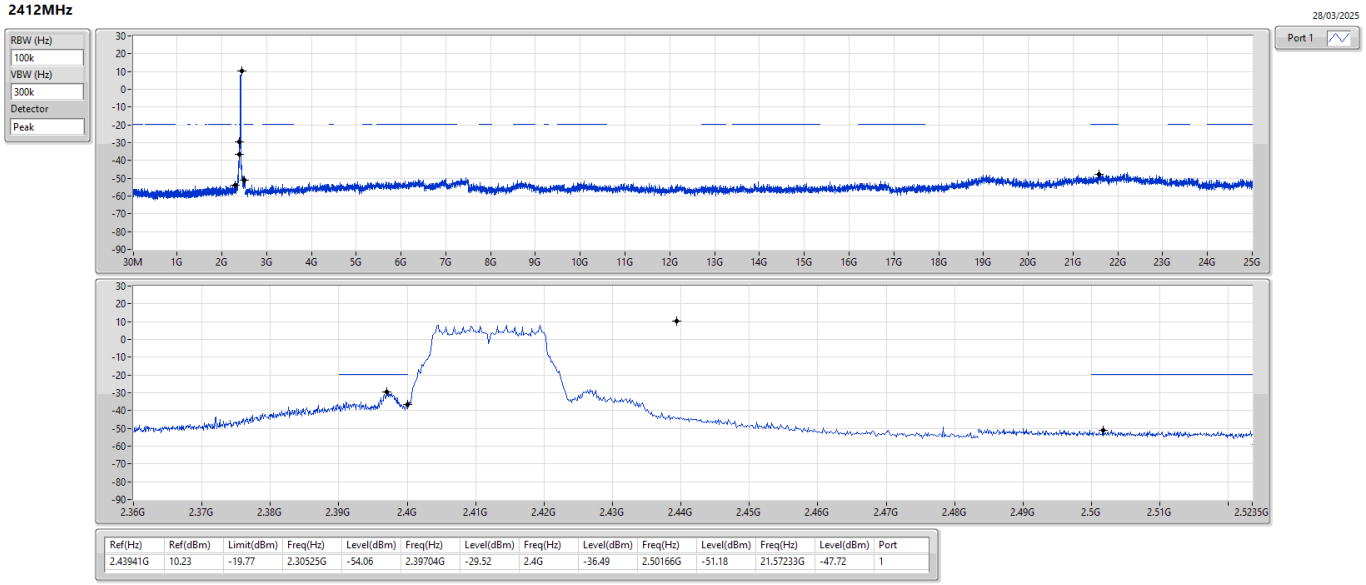
2462MHz



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
2.41353G	11.97	-18.03	1.80197G	-53.94	2.3944G	-50.99	2.4G	-55.48	2.5031G	-50.15	21.68753G	-46.45	1

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

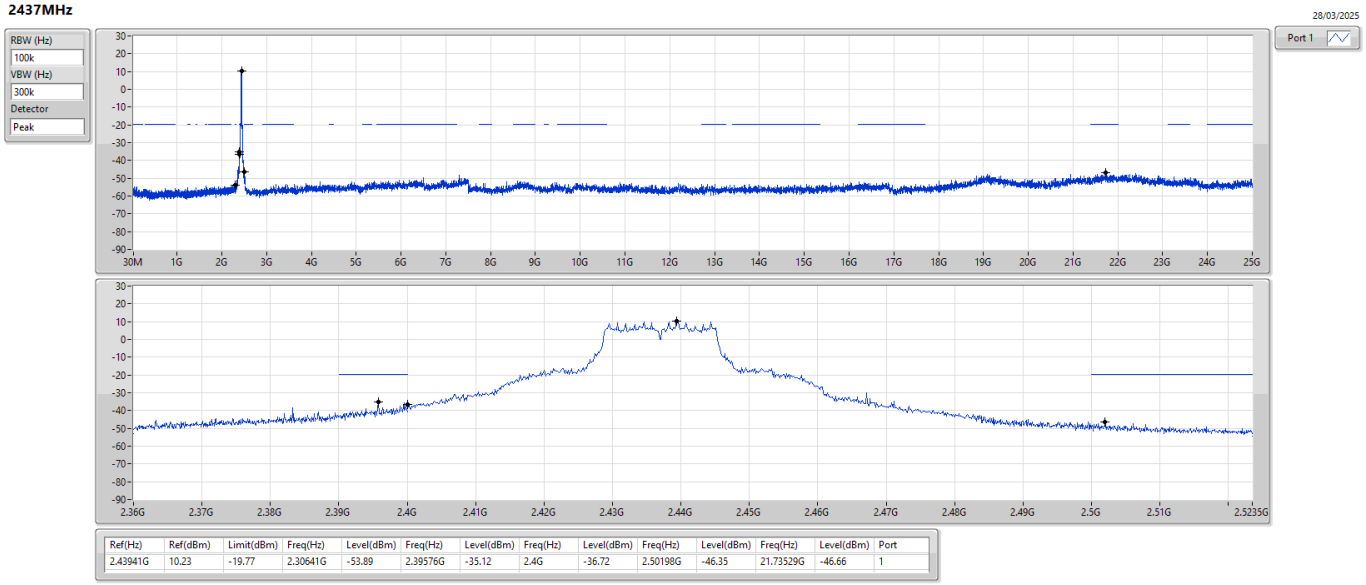
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	10.23	-19.77	2.30525G	-54.06	2.39704G	-29.52	2.4G	-36.49	2.50166G	-51.18	21.57233G	-47.72	1

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

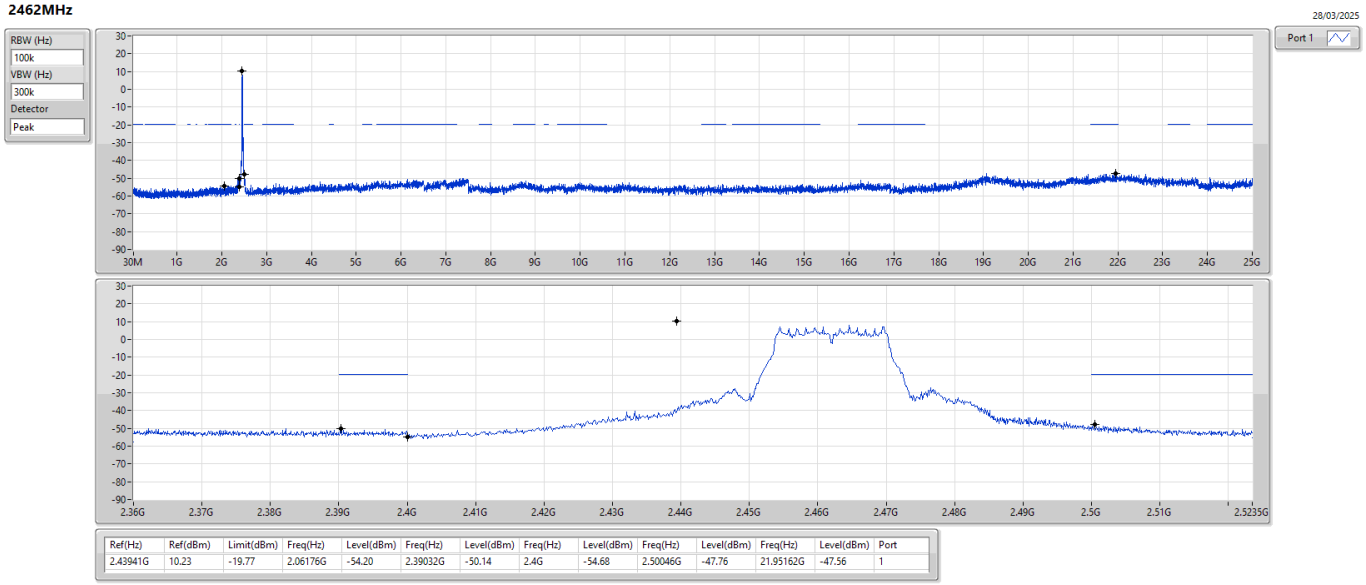
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	10.23	-19.77	2.30641G	-53.89	2.39576G	-35.12	2.4G	-36.72	2.50198G	-46.35	21.73529G	-46.66	1

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

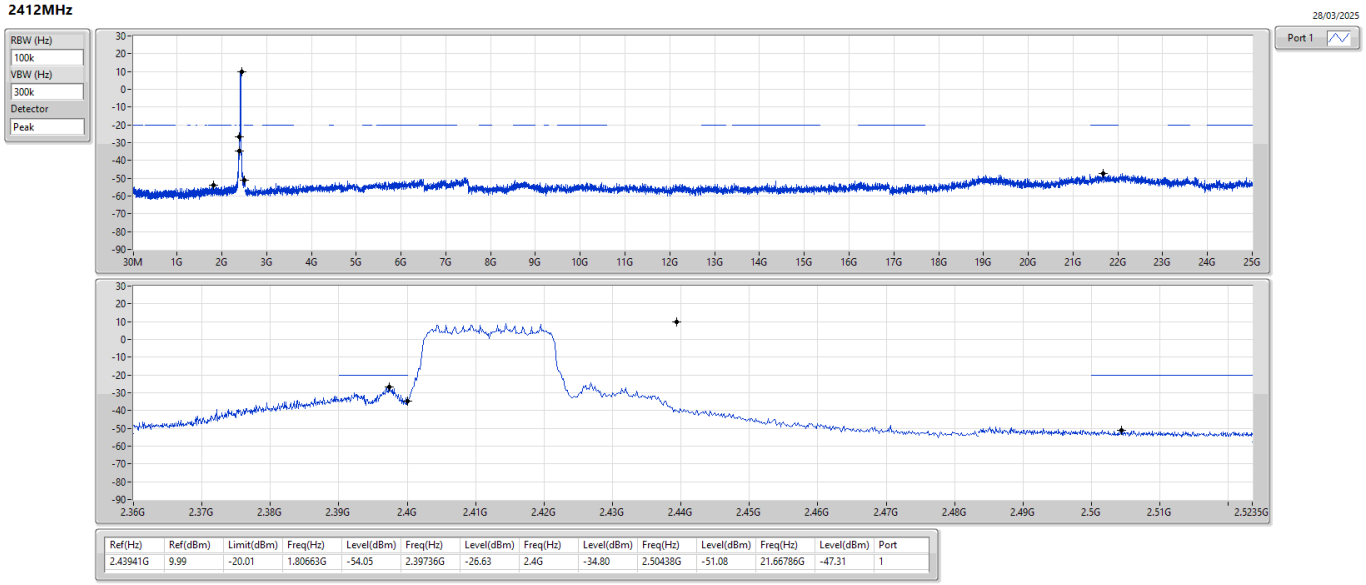
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	10.23	-19.77	2.06176G	-54.20	2.39032G	-50.14	2.4G	-54.68	2.50046G	-47.76	21.95162G	-47.56	1

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

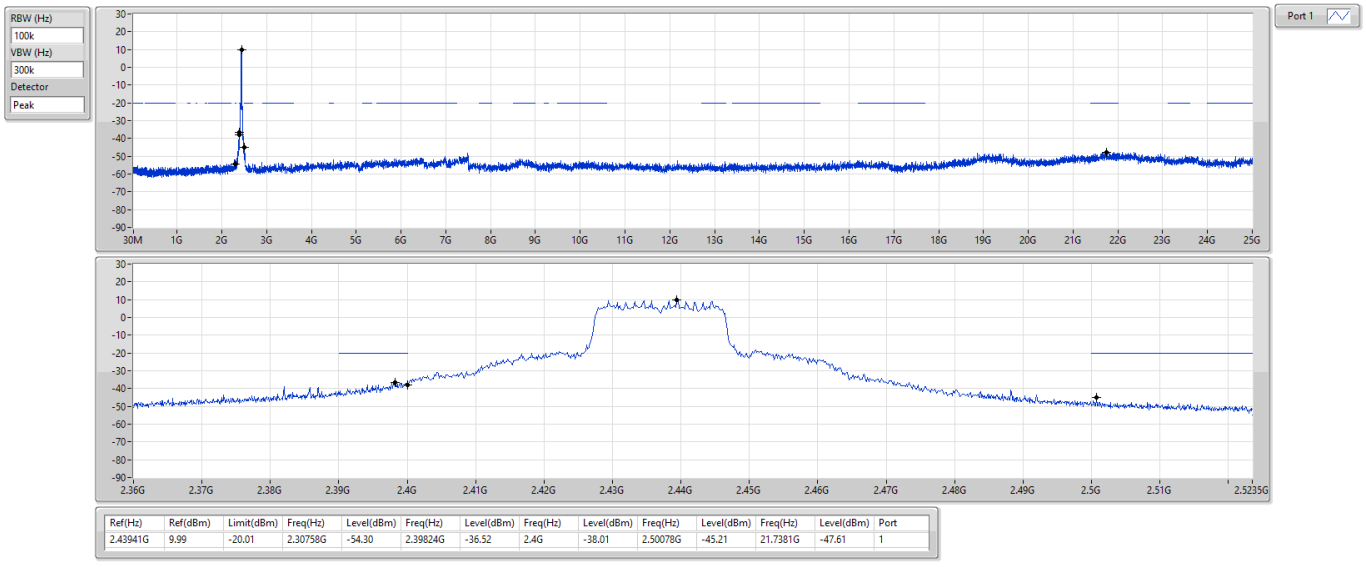
2412MHz



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
2.43941G	9.99	-20.01	1.80663G	-54.05	2.39736G	-26.63	2.4G	-34.80	2.50438G	-51.08	21.66786G	-47.31	1

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

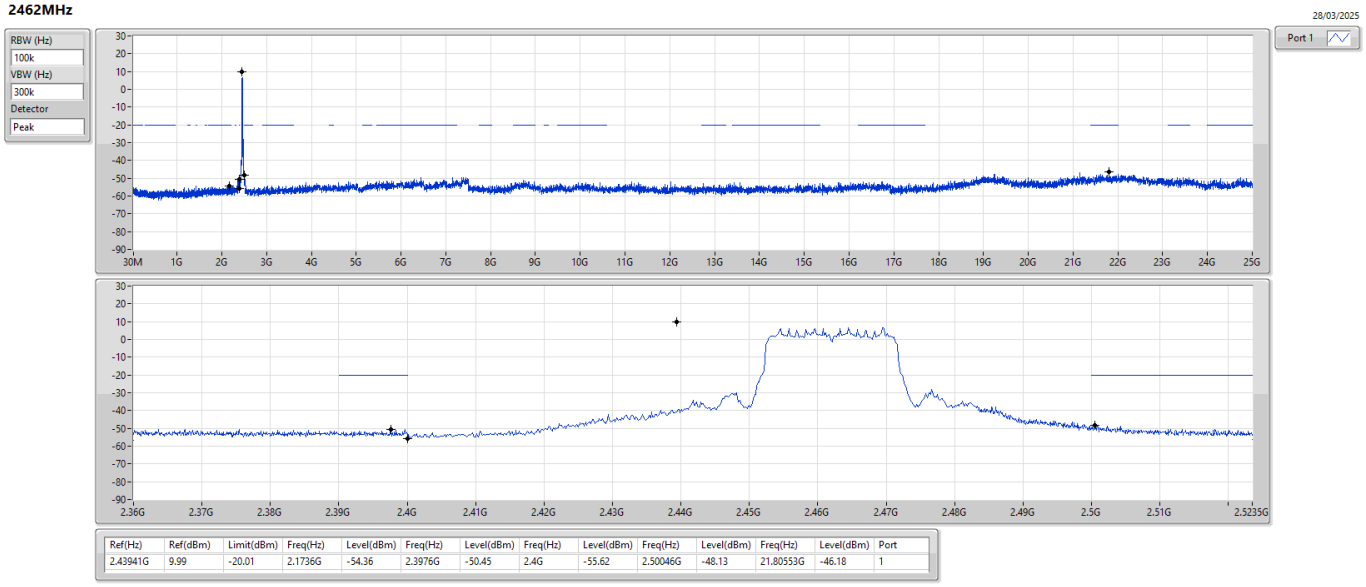
2437MHz



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
2.43941G	9.99	-20.01	2.30758G	-54.30	2.39824G	-36.52	2.4G	-38.01	2.50078G	-45.21	21.7381G	-47.61	1

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

2462MHz

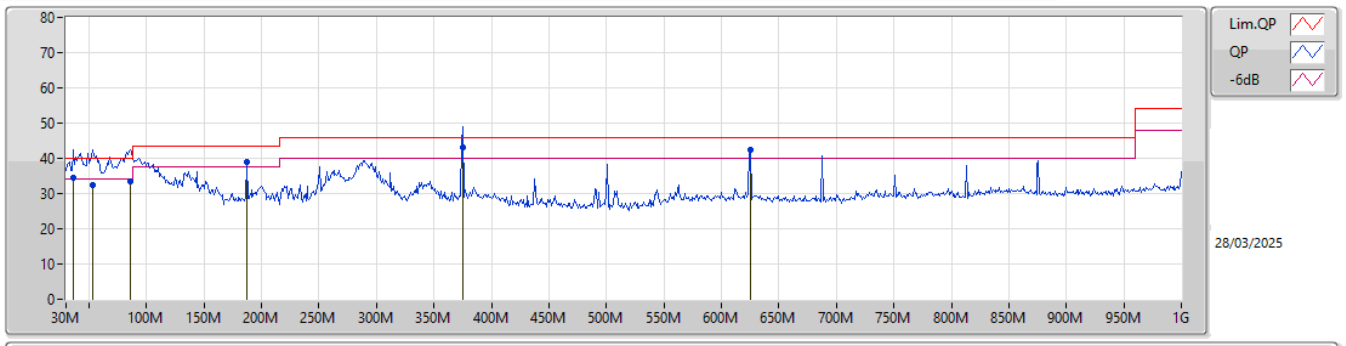


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	9.99	-20.01	2.1736G	-54.36	2.3976G	-50.45	2.4G	-55.62	2.50046G	-48.13	21.80553G	-46.18	1

Summary

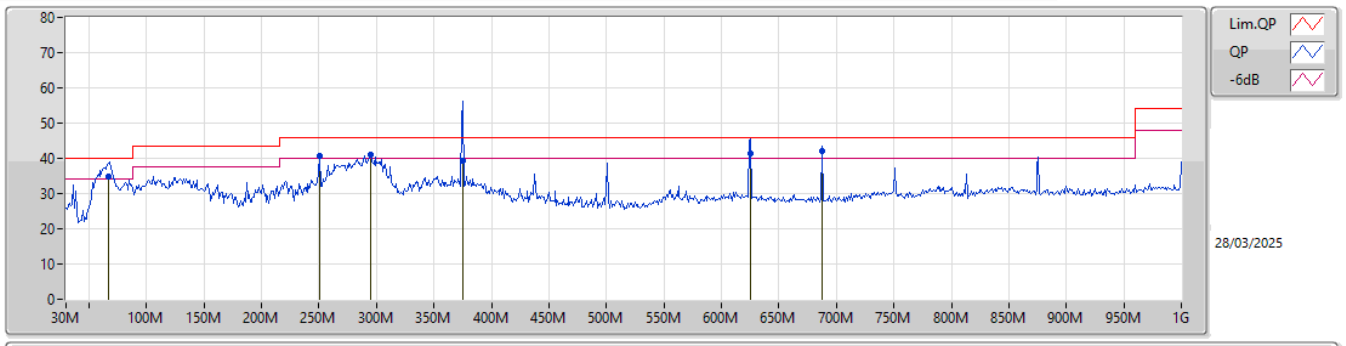
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	375.32M	42.94	46.00	-3.06	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
QP	36.79M	34.58	40.00	-5.42	-11.13	3	Vertical	350	3.00	-	45.71	20.57	0.58	32.28
QP	53.28M	32.53	40.00	-7.47	-18.66	3	Vertical	220	1.25	-	51.19	12.94	0.68	32.28
QP	86.26M	33.45	40.00	-6.55	-17.32	3	Vertical	220	1.25	-	50.77	14.03	0.97	32.32
PK	187.14M	38.92	43.50	-4.58	-15.87	3	Vertical	147	1.00	-	54.79	14.88	1.35	32.10
QP	375.32M	42.94	46.00	-3.06	-9.18	3	Vertical	183	1.25	"Worst"	52.12	20.78	1.93	31.89
QP	625.58M	42.25	46.00	-3.75	-4.27	3	Vertical	36	1.00	-	46.52	24.96	2.51	31.74

Mode 1



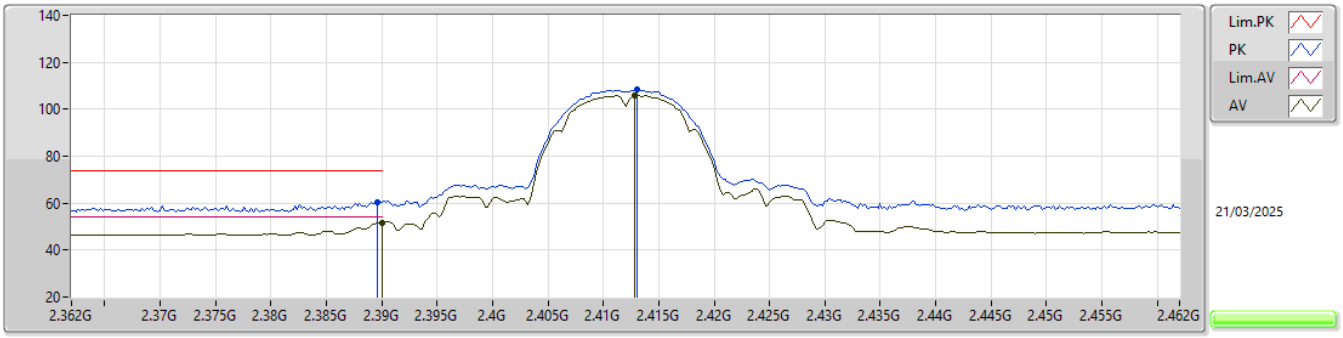
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
QP	66.86M	34.78	40.00	-5.22	-19.57	3	Horizontal	148	3.00	-	54.35	12.08	0.80	32.45
PK	250.19M	40.60	46.00	-5.40	-12.26	3	Horizontal	345	1.25	-	52.86	18.32	1.56	32.14
PK	294.81M	40.92	46.00	-5.08	-11.47	3	Horizontal	261	1.00	-	52.39	18.96	1.67	32.10
QP	375.32M	39.34	46.00	-6.66	-9.18	3	Horizontal	165	1.00	-	48.52	20.78	1.93	31.89
QP	625.58M	41.42	46.00	-4.58	-4.27	3	Horizontal	49	1.50	-	45.69	24.96	2.51	31.74
QP	687.66M	42.08	46.00	-3.92	-4.14	3	Horizontal	155	1.25	"Worst"	46.22	25.07	2.60	31.81

Test Mode: Mode 1
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	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	7.31174G	52.99	54.00	-1.01	3	Horizontal	58	1.95	-

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

2412MHz_TX

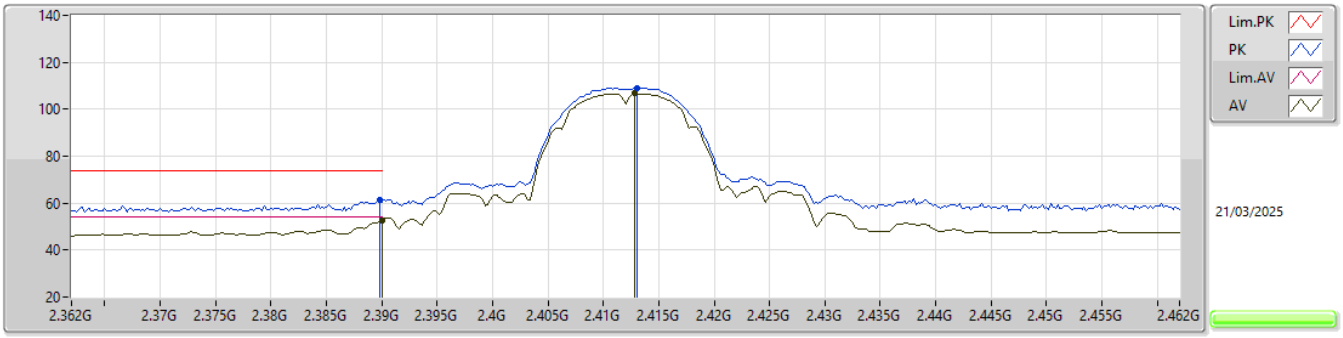


EUT Y_1TX
Setting 22
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	60.48	74.00	-13.52	29.00	3	Vertical	353	1.75	-	27.49	3.99	-
AV	2.39G	51.69	54.00	-2.31	20.20	3	Vertical	353	1.75	-	27.50	3.99	-
PK	2.413G	108.19	Inf	-Inf	76.66	3	Vertical	353	1.75	-	27.53	4.00	-
AV	2.4128G	105.77	Inf	-Inf	74.24	3	Vertical	353	1.75	-	27.53	4.00	-

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

2412MHz_TX

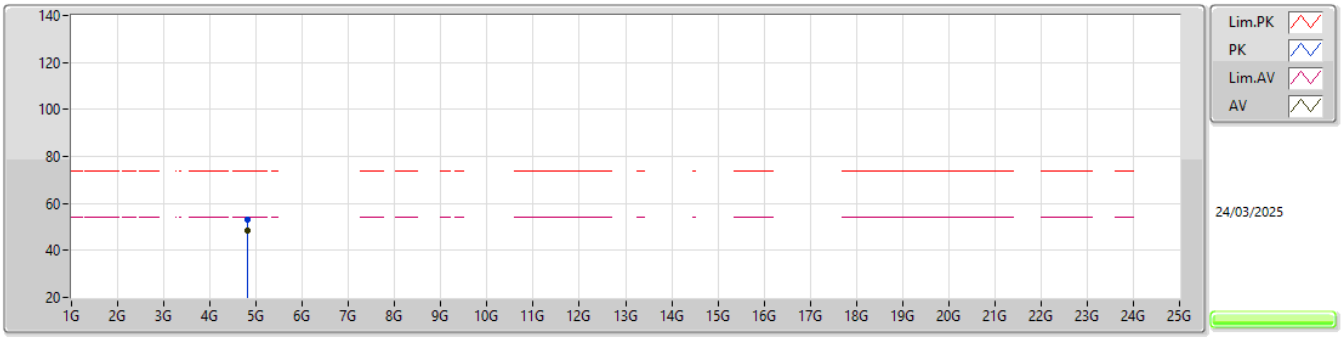


EUT Y_1TX
Setting 22
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	61.19	74.00	-12.81	29.70	3	Horizontal	156	2.72	-	27.50	3.99	-
AV	2.39G	52.52	54.00	-1.48	21.03	3	Horizontal	156	2.72	-	27.50	3.99	-
PK	2.413G	109.19	Inf	-Inf	77.66	3	Horizontal	156	2.72	-	27.53	4.00	-
AV	2.4128G	106.69	Inf	-Inf	75.16	3	Horizontal	156	2.72	-	27.53	4.00	-

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

2412MHz_TX

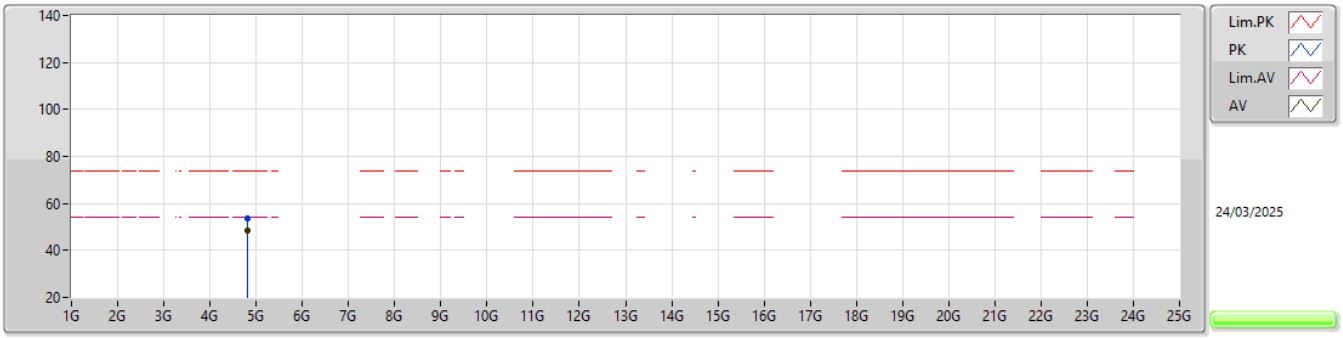


EUT X_1TX
Setting 22
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82416G	53.16	74.00	-20.84	44.23	3	Vertical	254	2.23	-	33.15	6.78	31.00
AV	4.82404G	48.57	54.00	-5.43	39.64	3	Vertical	254	2.23	-	33.15	6.78	31.00

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

2412MHz_TX

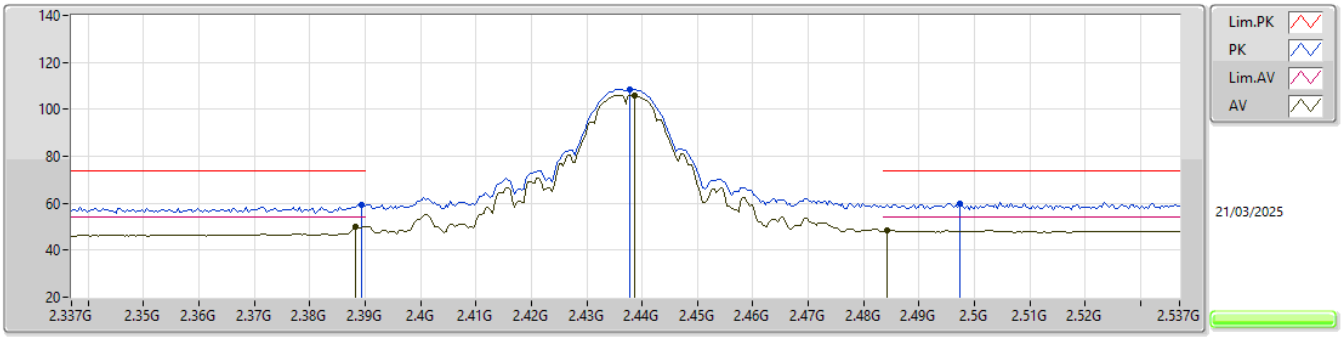


EUT X_1TX
Setting 22
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82394G	53.56	74.00	-20.44	44.63	3	Horizontal	64	1.09	-	33.15	6.78	31.00
AV	4.824G	48.24	54.00	-5.76	39.31	3	Horizontal	64	1.09	-	33.15	6.78	31.00

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

2437MHz_TX

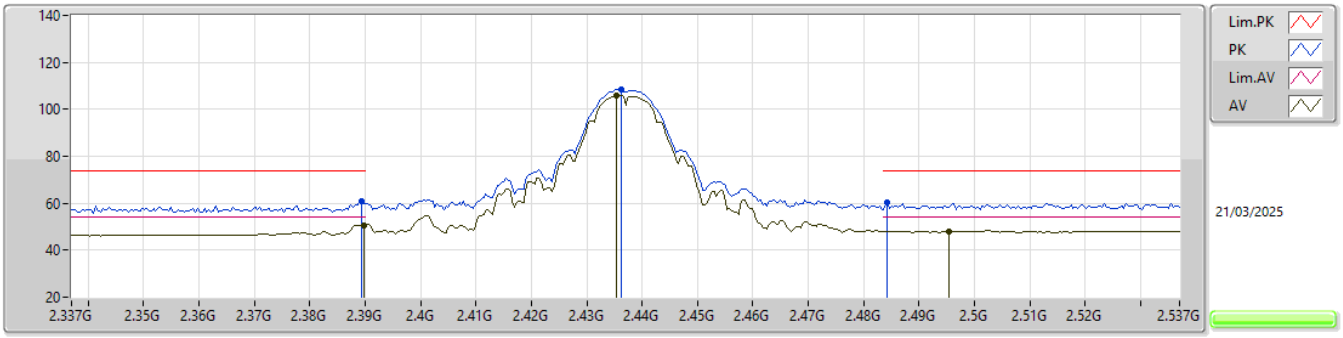


EUT Y_1TX
Setting 24
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	59.30	74.00	-14.70	27.82	3	Vertical	355	2.01	-	27.49	3.99	-
AV	2.3882G	49.88	54.00	-4.12	18.43	3	Vertical	355	2.01	-	27.46	3.99	-
PK	2.4378G	108.51	Inf	-Inf	76.78	3	Vertical	355	2.01	-	27.70	4.03	-
AV	2.4386G	106.02	Inf	-Inf	74.29	3	Vertical	355	2.01	-	27.70	4.03	-
PK	2.4974G	59.84	74.00	-14.16	27.74	3	Vertical	355	2.01	-	28.00	4.10	-
AV	2.4842G	48.50	54.00	-5.50	16.48	3	Vertical	355	2.01	-	27.94	4.08	-

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

2437MHz_TX

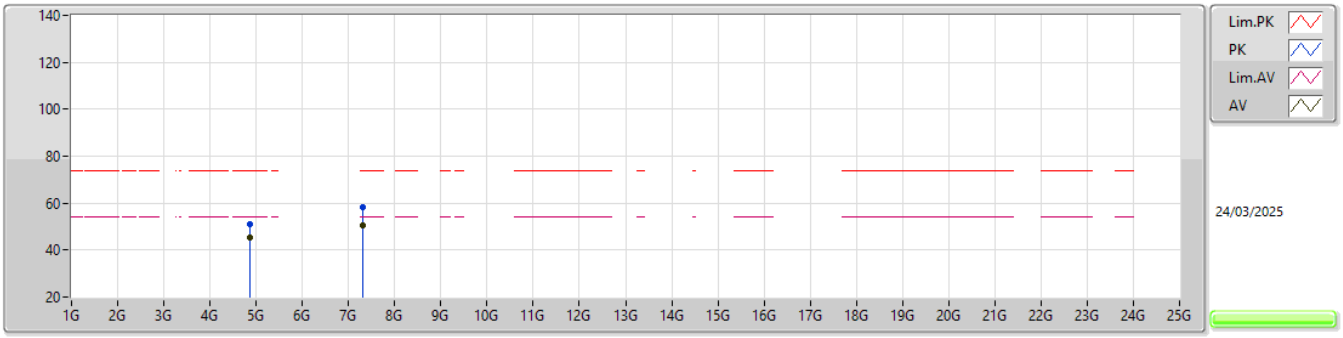


EUT Y_1TX
Setting 24
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	60.63	74.00	-13.37	29.15	3	Horizontal	171	1.73	-	27.49	3.99	-
AV	2.3898G	50.77	54.00	-3.23	19.28	3	Horizontal	171	1.73	-	27.50	3.99	-
PK	2.4362G	108.28	Inf	-Inf	76.55	3	Horizontal	171	1.73	-	27.70	4.03	-
AV	2.4354G	105.81	Inf	-Inf	74.08	3	Horizontal	171	1.73	-	27.70	4.03	-
PK	2.4842G	60.13	74.00	-13.87	28.11	3	Horizontal	171	1.73	-	27.94	4.08	-
AV	2.4954G	48.09	54.00	-5.91	16.00	3	Horizontal	171	1.73	-	28.00	4.09	-

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

2437MHz_TX

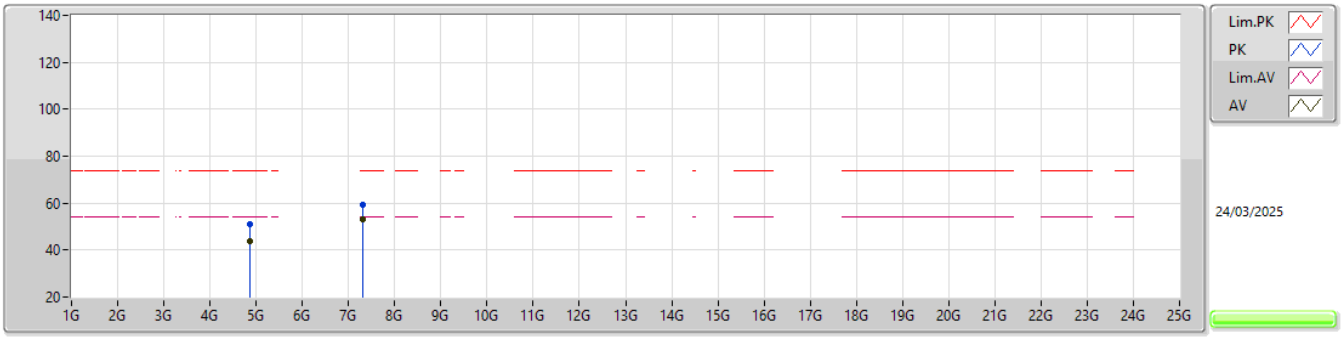


EUT X_1TX
Setting 19
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87394G	51.23	74.00	-22.77	42.17	3	Vertical	258	1.87	-	33.25	6.81	31.00
AV	4.874G	45.10	54.00	-8.90	36.04	3	Vertical	258	1.87	-	33.25	6.81	31.00
PK	7.31218G	58.10	74.00	-15.90	43.71	3	Vertical	303	2.00	-	36.45	9.37	31.43
AV	7.3102G	50.69	54.00	-3.31	36.31	3	Vertical	303	2.00	-	36.44	9.37	31.43

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

2437MHz_TX

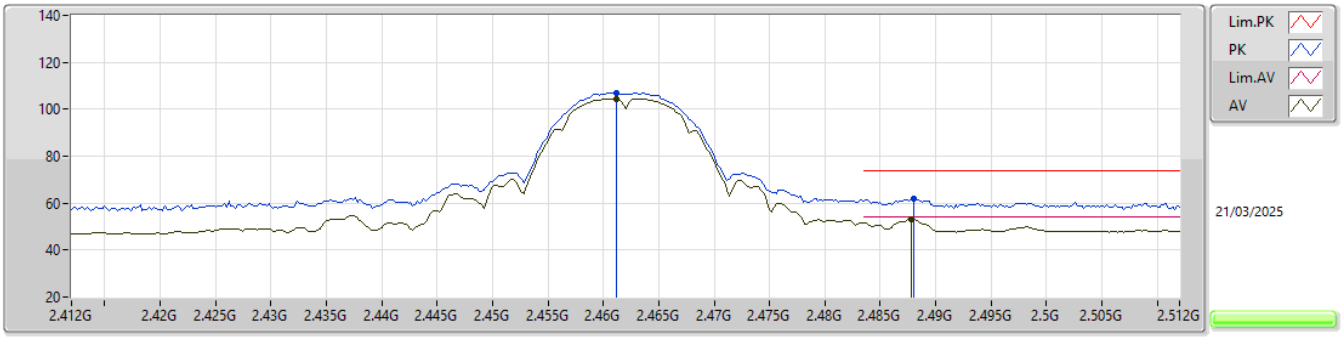


EUT X_1TX
Setting 19
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87404G	50.79	74.00	-23.21	41.73	3	Horizontal	58	1.22	-	33.25	6.81	31.00
AV	4.87402G	43.75	54.00	-10.25	34.69	3	Horizontal	58	1.22	-	33.25	6.81	31.00
PK	7.31062G	59.13	74.00	-14.87	44.75	3	Horizontal	58	1.95	-	36.44	9.37	31.43
AV	7.31174G	52.99	54.00	-1.01	38.60	3	Horizontal	58	1.95	-	36.45	9.37	31.43

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

2462MHz_TX

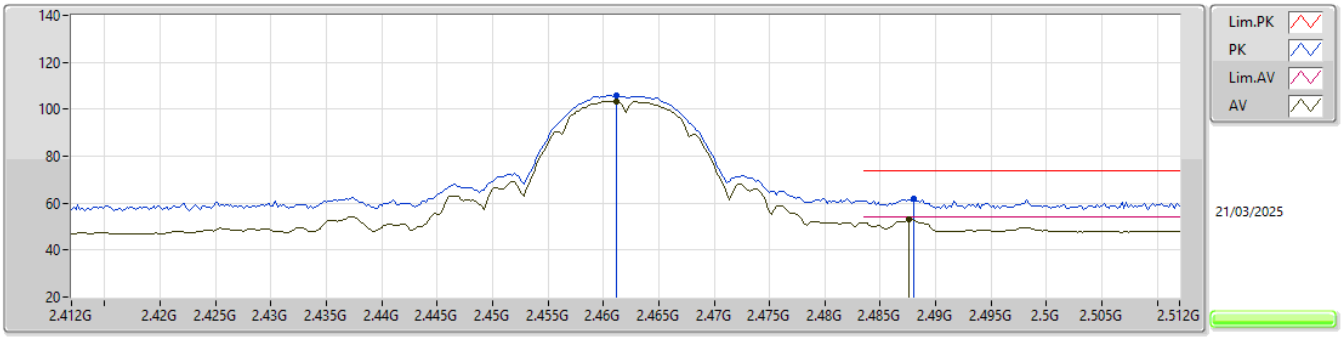


EUT Y_1TX
Setting 22.5
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4612G	107.03	Inf	-Inf	75.26	3	Vertical	249	1.80	-	27.71	4.06	-
AV	2.4612G	104.54	Inf	-Inf	72.77	3	Vertical	249	1.80	-	27.71	4.06	-
PK	2.488G	61.69	74.00	-12.31	29.62	3	Vertical	249	1.80	-	27.98	4.09	-
AV	2.4878G	52.99	54.00	-1.01	20.92	3	Vertical	249	1.80	-	27.98	4.09	-

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

2462MHz_TX

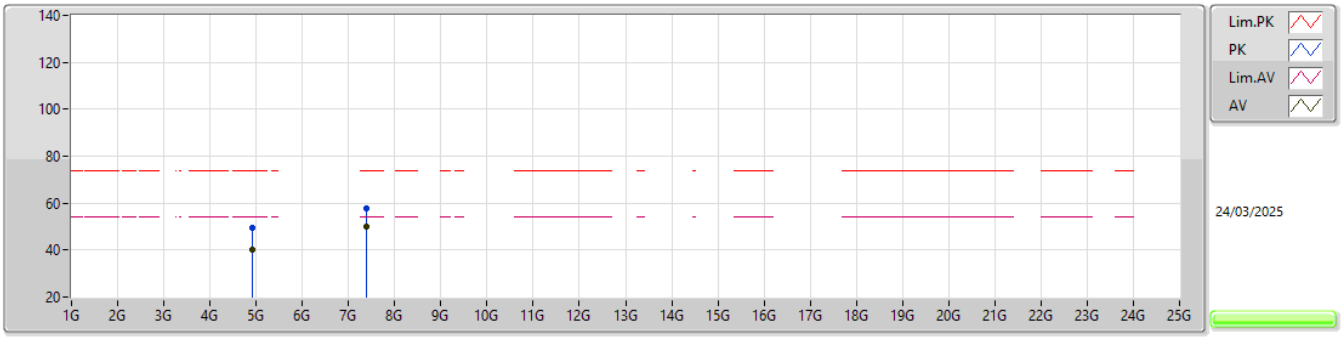


EUT Y_1TX
Setting 22.5
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4612G	105.82	Inf	-Inf	74.05	3	Horizontal	166	1.80	-	27.71	4.06	-
AV	2.4612G	103.33	Inf	-Inf	71.56	3	Horizontal	166	1.80	-	27.71	4.06	-
PK	2.488G	61.90	74.00	-12.10	29.83	3	Horizontal	166	1.80	-	27.98	4.09	-
AV	2.4876G	52.85	54.00	-1.15	20.78	3	Horizontal	166	1.80	-	27.98	4.09	-

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

2462MHz_TX

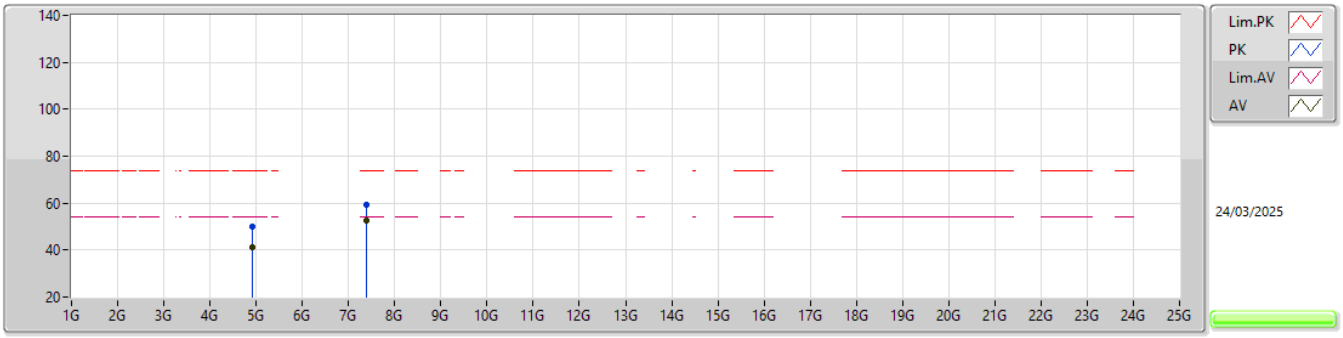


EUT X_1TX
Setting 18.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92414G	49.23	74.00	-24.77	40.05	3	Vertical	258	2.25	-	33.35	6.84	31.01
AV	4.92392G	40.11	54.00	-13.89	30.93	3	Vertical	258	2.25	-	33.35	6.84	31.01
PK	7.38446G	57.62	74.00	-16.38	43.08	3	Vertical	98	1.80	-	36.60	9.37	31.43
AV	7.38516G	49.99	54.00	-4.01	35.45	3	Vertical	98	1.80	-	36.60	9.37	31.43

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

2462MHz_TX

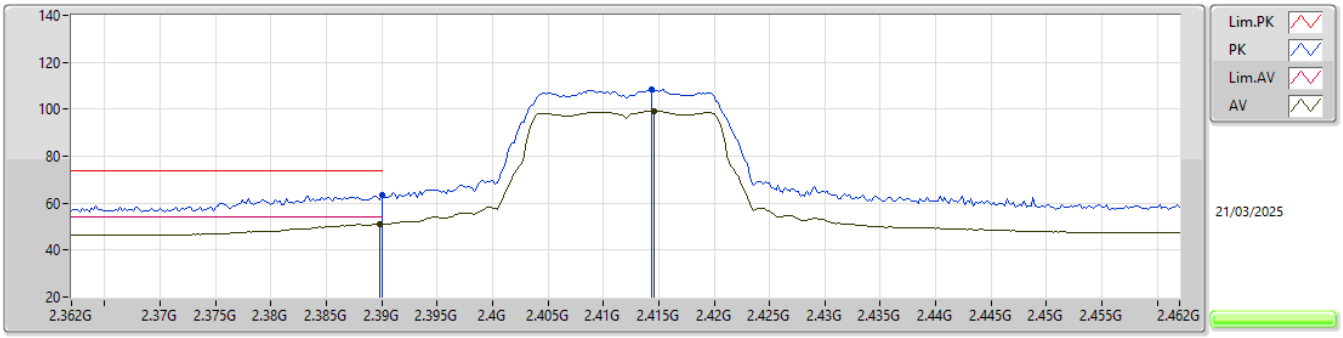


EUT X_1TX
Setting 18.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92406G	50.21	74.00	-23.79	41.03	3	Horizontal	70	1.12	-	33.35	6.84	31.01
AV	4.92398G	41.45	54.00	-12.55	32.27	3	Horizontal	70	1.12	-	33.35	6.84	31.01
PK	7.38588G	59.12	74.00	-14.88	44.58	3	Horizontal	58	1.96	-	36.60	9.37	31.43
AV	7.38524G	52.56	54.00	-1.44	38.02	3	Horizontal	58	1.96	-	36.60	9.37	31.43

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

2412MHz_TX

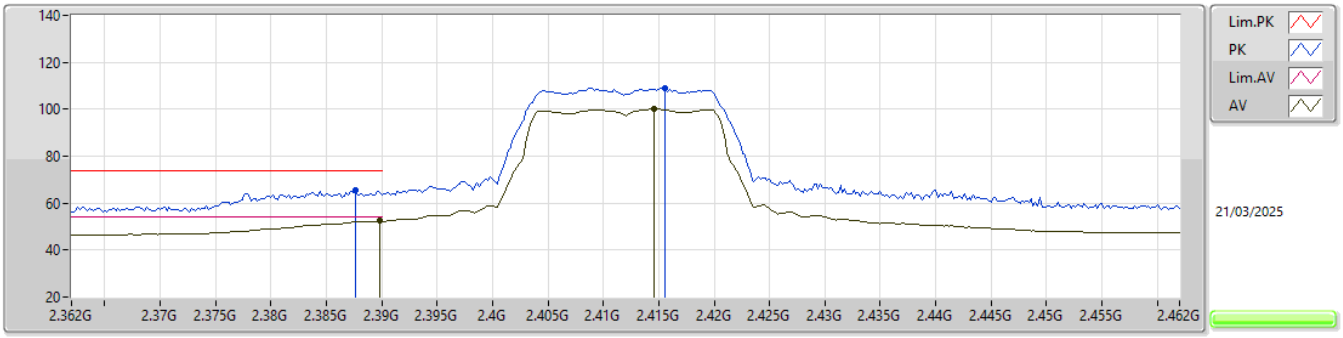


EUT Y_1TX
Setting 19
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	63.51	74.00	-10.49	32.02	3	Vertical	353	1.75	-	27.50	3.99	-
AV	2.3898G	51.09	54.00	-2.91	19.60	3	Vertical	353	1.75	-	27.50	3.99	-
PK	2.4144G	108.27	Inf	-Inf	76.72	3	Vertical	353	1.75	-	27.54	4.01	-
AV	2.4146G	99.15	Inf	-Inf	67.59	3	Vertical	353	1.75	-	27.55	4.01	-

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

2412MHz_TX

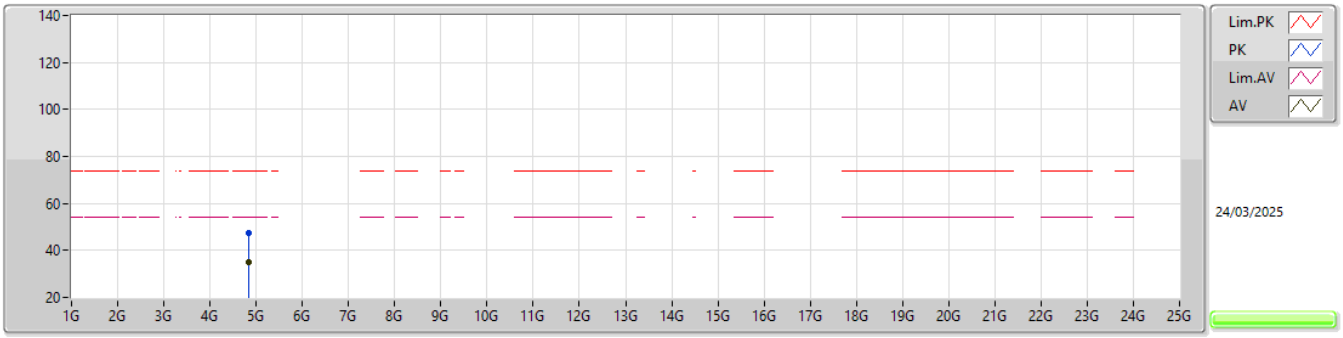


EUT Y_1TX
Setting 19
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	65.30	74.00	-8.70	33.86	3	Horizontal	156	2.72	-	27.45	3.99	-
AV	2.3898G	52.38	54.00	-1.62	20.89	3	Horizontal	156	2.72	-	27.50	3.99	-
PK	2.4156G	108.91	Inf	-Inf	77.34	3	Horizontal	156	2.72	-	27.56	4.01	-
AV	2.4146G	100.03	Inf	-Inf	68.47	3	Horizontal	156	2.72	-	27.55	4.01	-

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

2412MHz_TX

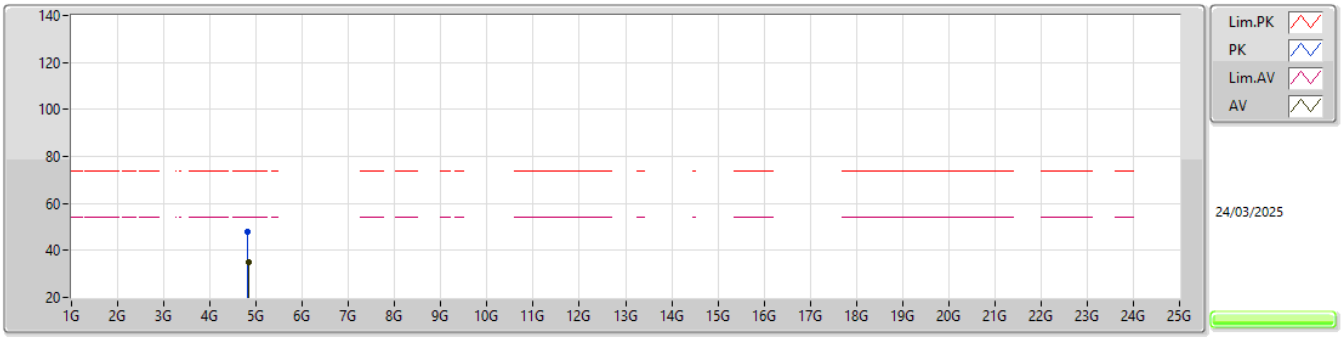


EUT X_1TX
Setting 19
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8289G	47.47	74.00	-26.53	38.52	3	Vertical	276	2.44	-	33.16	6.79	31.00
AV	4.82604G	35.12	54.00	-18.88	26.19	3	Vertical	276	2.44	-	33.15	6.78	31.00

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

2412MHz_TX

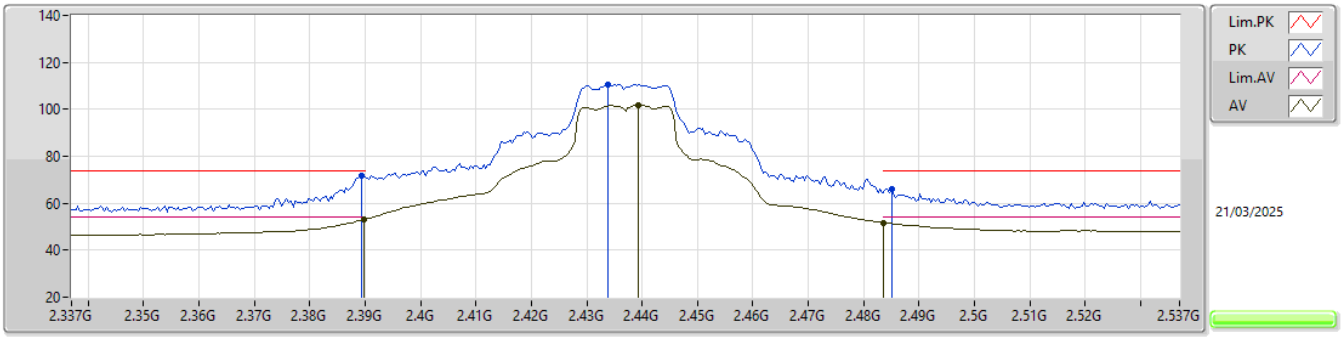


EUT X_1TX
Setting 19
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82352G	47.70	74.00	-26.30	38.77	3	Horizontal	72	1.27	-	33.15	6.78	31.00
AV	4.82698G	35.12	54.00	-18.88	26.19	3	Horizontal	72	1.27	-	33.15	6.78	31.00

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

2437MHz_TX

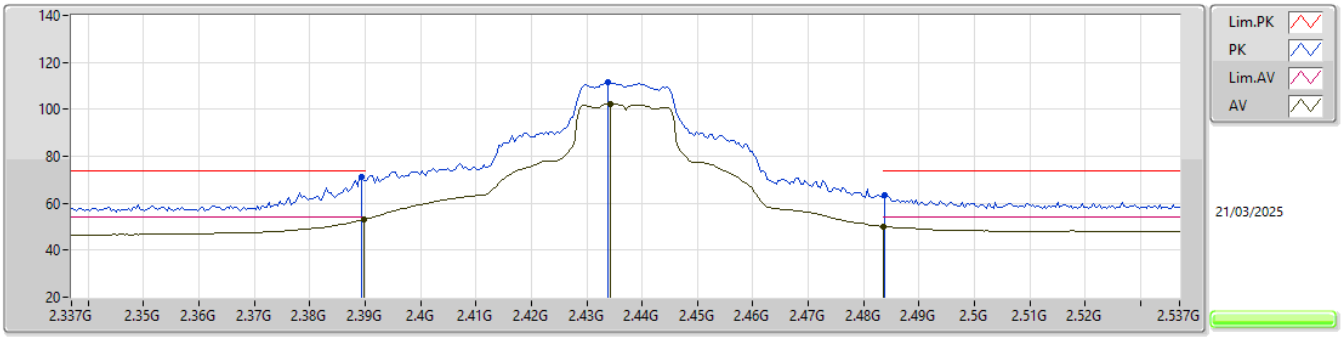


EUT Y_1TX
Setting 22.5
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	71.61	74.00	-2.39	40.13	3	Vertical	356	2.02	-	27.49	3.99	-
AV	2.3898G	52.90	54.00	-1.10	21.41	3	Vertical	356	2.02	-	27.50	3.99	-
PK	2.4338G	110.47	Inf	-Inf	78.74	3	Vertical	356	2.02	-	27.70	4.03	-
AV	2.4394G	101.67	Inf	-Inf	69.94	3	Vertical	356	2.02	-	27.70	4.03	-
PK	2.485G	66.10	74.00	-7.90	34.07	3	Vertical	356	2.02	-	27.95	4.08	-
AV	2.4835G	51.69	54.00	-2.31	19.67	3	Vertical	356	2.02	-	27.94	4.08	-

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

2437MHz_TX

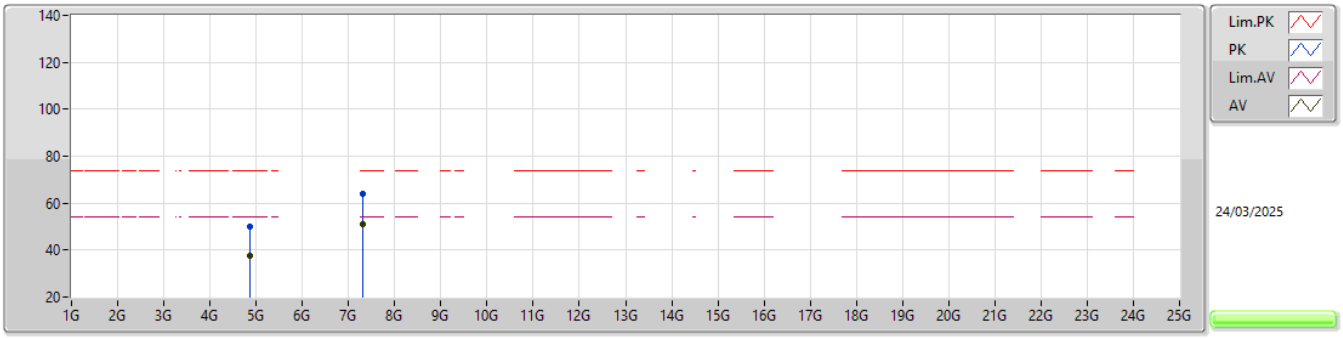


EUT Y_1TX
Setting 22.5
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	71.37	74.00	-2.63	39.89	3	Horizontal	160	2.41	-	27.49	3.99	-
AV	2.3898G	52.90	54.00	-1.10	21.41	3	Horizontal	160	2.41	-	27.50	3.99	-
PK	2.4338G	111.47	Inf	-Inf	79.74	3	Horizontal	160	2.41	-	27.70	4.03	-
AV	2.4342G	102.35	Inf	-Inf	70.62	3	Horizontal	160	2.41	-	27.70	4.03	-
PK	2.4838G	63.48	74.00	-10.52	31.46	3	Horizontal	160	2.41	-	27.94	4.08	-
AV	2.4835G	50.24	54.00	-3.76	18.22	3	Horizontal	160	2.41	-	27.94	4.08	-

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

2437MHz_TX

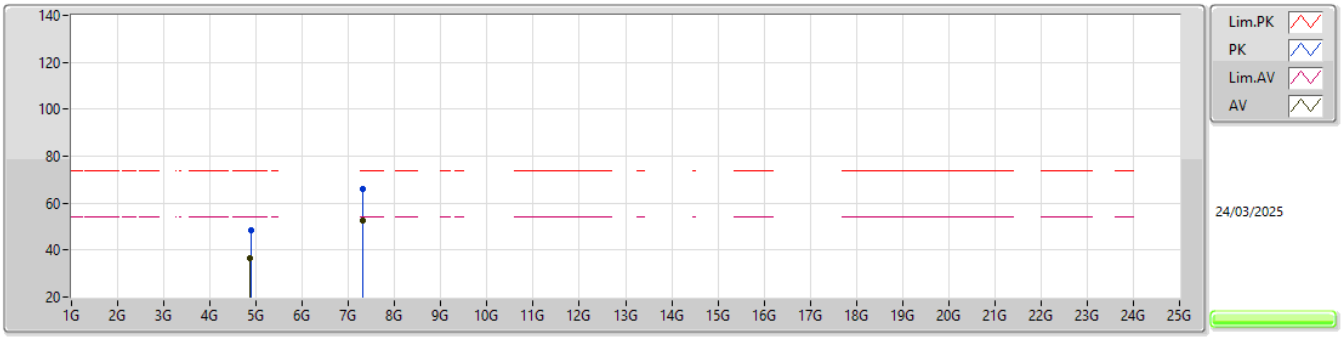


EUT X_1TX
Setting 21
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87034G	49.86	74.00	-24.14	40.81	3	Vertical	256	2.14	-	33.24	6.81	31.00
AV	4.87342G	37.33	54.00	-16.67	28.27	3	Vertical	256	2.14	-	33.25	6.81	31.00
PK	7.31G	63.83	74.00	-10.17	49.45	3	Vertical	300	1.99	-	36.44	9.37	31.43
AV	7.3068G	50.84	54.00	-3.16	36.47	3	Vertical	300	1.99	-	36.43	9.37	31.43

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

2437MHz_TX

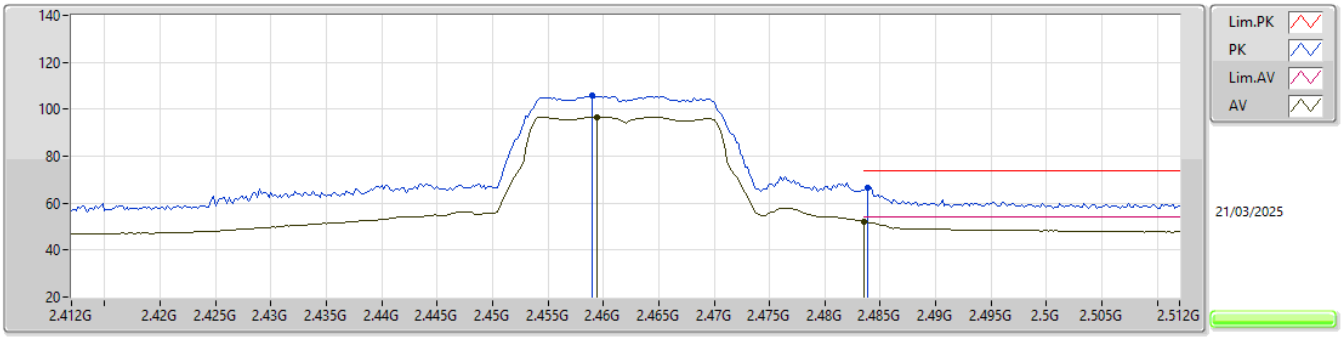


EUT X_1TX
Setting 21
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87842G	48.30	74.00	-25.70	39.23	3	Horizontal	105	1.35	-	33.26	6.81	31.00
AV	4.87432G	36.80	54.00	-17.20	27.74	3	Horizontal	105	1.35	-	33.25	6.81	31.00
PK	7.31584G	65.97	74.00	-8.03	51.57	3	Horizontal	57	1.94	-	36.46	9.37	31.43
AV	7.31414G	52.75	54.00	-1.25	38.35	3	Horizontal	57	1.94	-	36.46	9.37	31.43

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

2462MHz_TX

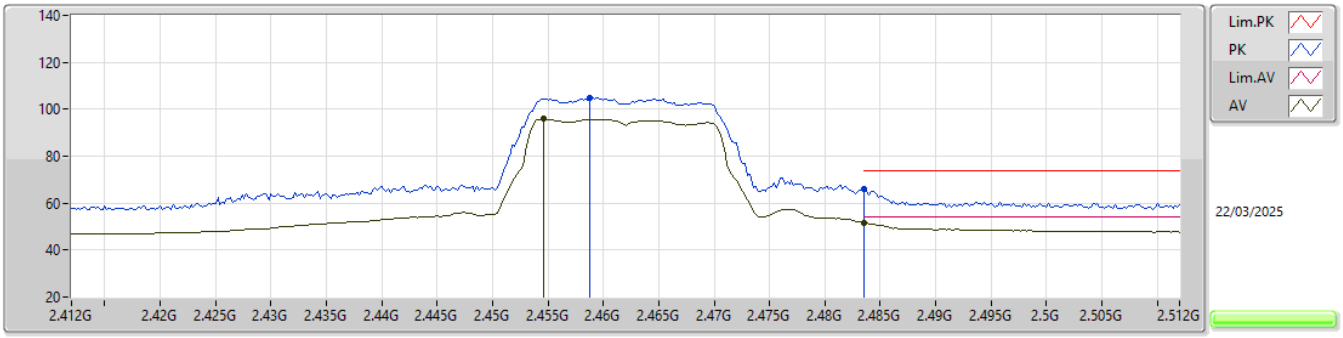


EUT Y_1TX
Setting 18
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.459G	105.91	Inf	-Inf	74.16	3	Vertical	355	1.80	-	27.70	4.05	-
AV	2.4594G	96.73	Inf	-Inf	64.97	3	Vertical	355	1.80	-	27.70	4.06	-
PK	2.4838G	66.76	74.00	-7.24	34.74	3	Vertical	355	1.80	-	27.94	4.08	-
AV	2.4835G	52.18	54.00	-1.82	20.16	3	Vertical	355	1.80	-	27.94	4.08	-

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

2462MHz_TX

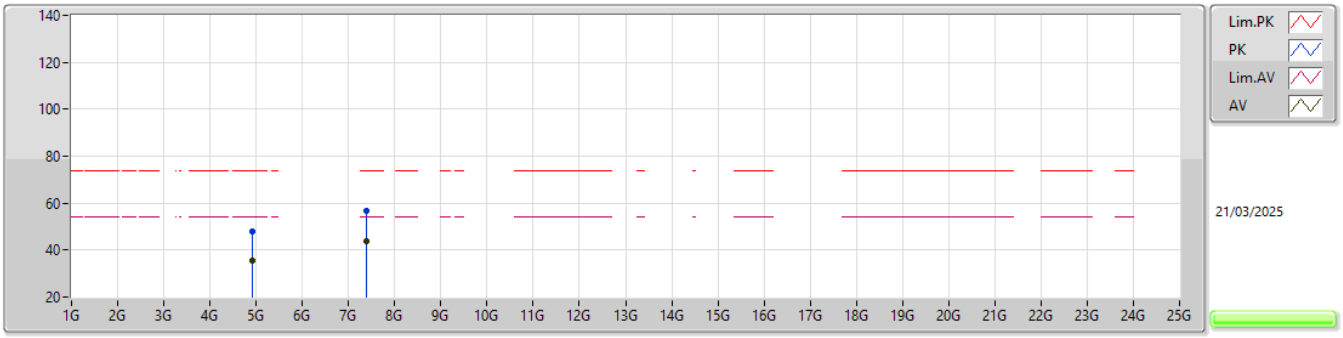


EUT Y_1TX
Setting 18
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4588G	104.95	Inf	-Inf	73.20	3	Horizontal	167	1.80	-	27.70	4.05	-
AV	2.4546G	95.79	Inf	-Inf	64.04	3	Horizontal	167	1.80	-	27.70	4.05	-
PK	2.4835G	66.02	74.00	-7.98	34.00	3	Horizontal	167	1.80	-	27.94	4.08	-
AV	2.4835G	51.69	54.00	-2.31	19.67	3	Horizontal	167	1.80	-	27.94	4.08	-

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

2462MHz_TX

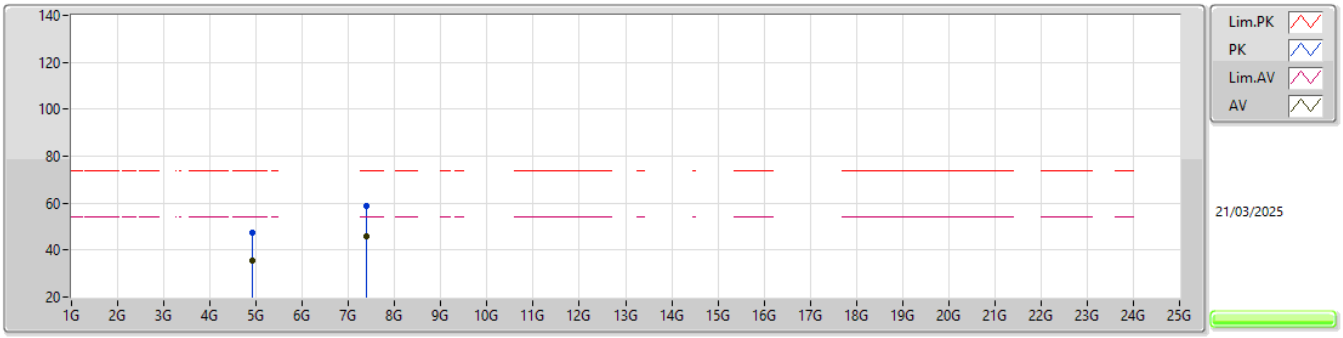


EUT X_1TX
Setting 18
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9282G	47.80	74.00	-26.20	38.61	3	Vertical	18	2.18	-	33.36	6.84	31.01
AV	4.9235G	35.62	54.00	-18.38	26.44	3	Vertical	18	2.18	-	33.35	6.84	31.01
PK	7.38638G	56.94	74.00	-17.06	42.40	3	Vertical	98	1.80	-	36.60	9.37	31.43
AV	7.38766G	43.64	54.00	-10.36	29.10	3	Vertical	98	1.80	-	36.60	9.37	31.43

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

2462MHz_TX

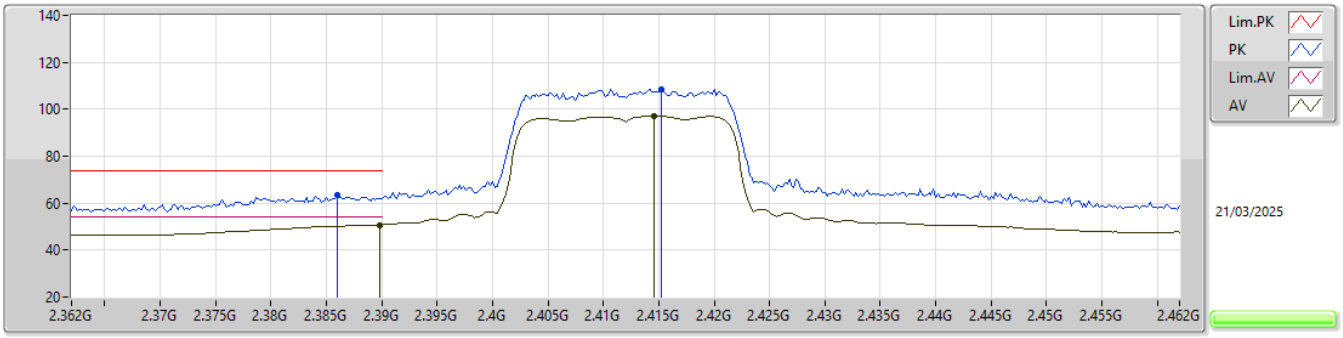


EUT X_1TX
Setting 18
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92354G	47.56	74.00	-26.44	38.38	3	Horizontal	311	1.87	-	33.35	6.84	31.01
AV	4.91914G	35.61	54.00	-18.39	26.44	3	Horizontal	311	1.87	-	33.34	6.84	31.01
PK	7.38512G	58.78	74.00	-15.22	44.24	3	Horizontal	58	1.98	-	36.60	9.37	31.43
AV	7.38724G	46.00	54.00	-8.00	31.46	3	Horizontal	58	1.98	-	36.60	9.37	31.43

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

2412MHz_TX

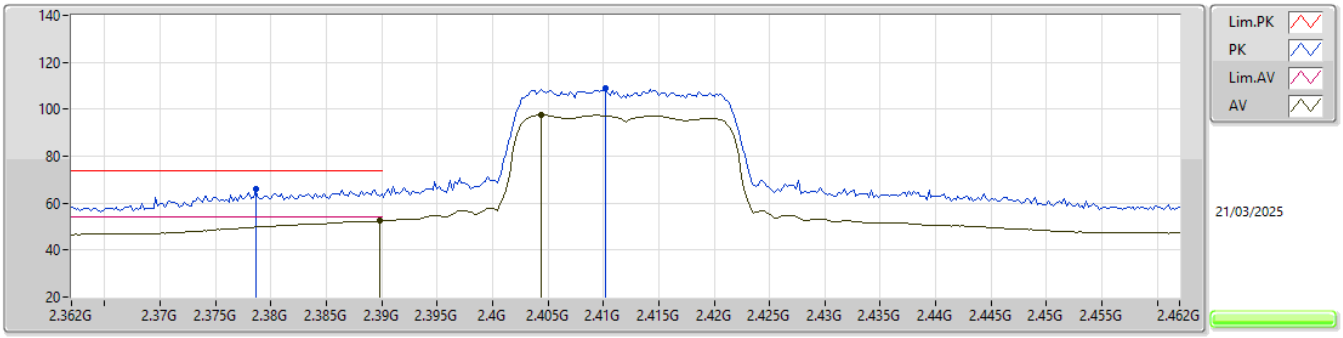


EUT Y_1TX
Setting 19.5
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.386G	63.32	74.00	-10.68	31.91	3	Vertical	355	1.77	-	27.42	3.99	-
AV	2.3898G	50.77	54.00	-3.23	19.28	3	Vertical	355	1.77	-	27.50	3.99	-
PK	2.4152G	108.58	Inf	-Inf	77.02	3	Vertical	355	1.77	-	27.55	4.01	-
AV	2.4146G	97.30	Inf	-Inf	65.74	3	Vertical	355	1.77	-	27.55	4.01	-

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

2412MHz_TX

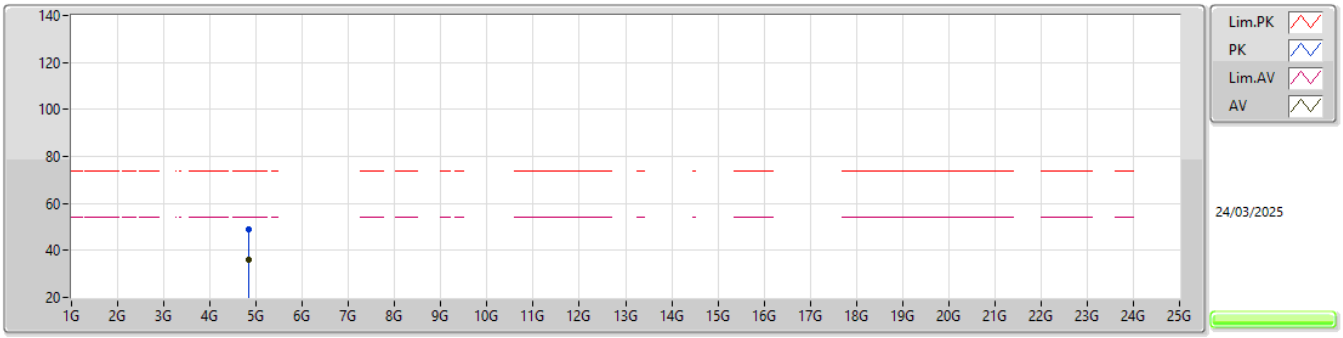


EUT Y_1TX
Setting 19.5
05-L-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3786G	65.85	74.00	-8.15	34.56	3	Horizontal	19	1.80	-	27.30	3.99	-
AV	2.3898G	52.38	54.00	-1.62	20.89	3	Horizontal	19	1.80	-	27.50	3.99	-
PK	2.4102G	108.97	Inf	-Inf	77.47	3	Horizontal	19	1.80	-	27.50	4.00	-
AV	2.4044G	97.56	Inf	-Inf	66.07	3	Horizontal	19	1.80	-	27.50	3.99	-

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

2412MHz_TX

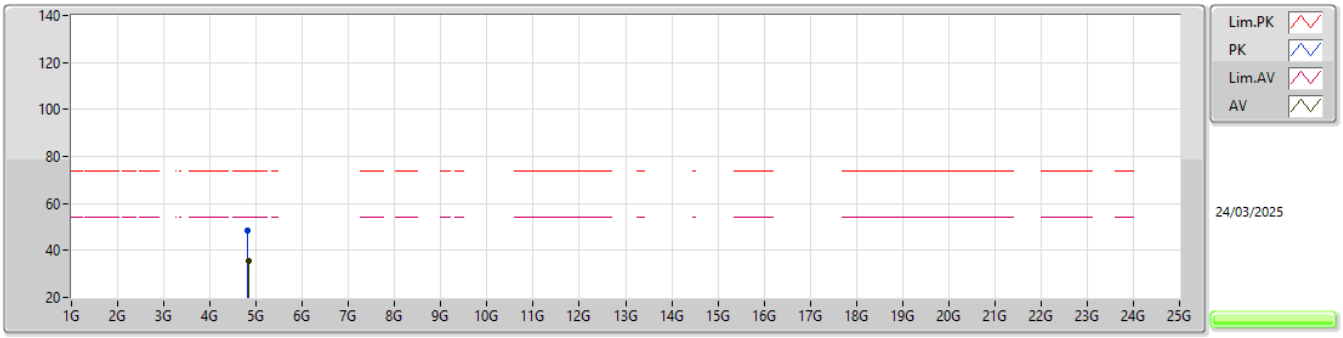


EUT X_1TX
Setting 19.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82502G	48.83	74.00	-25.17	39.90	3	Vertical	15	1.87	-	33.15	6.78	31.00
AV	4.82534G	36.20	54.00	-17.80	27.27	3	Vertical	15	1.87	-	33.15	6.78	31.00

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

2412MHz_TX

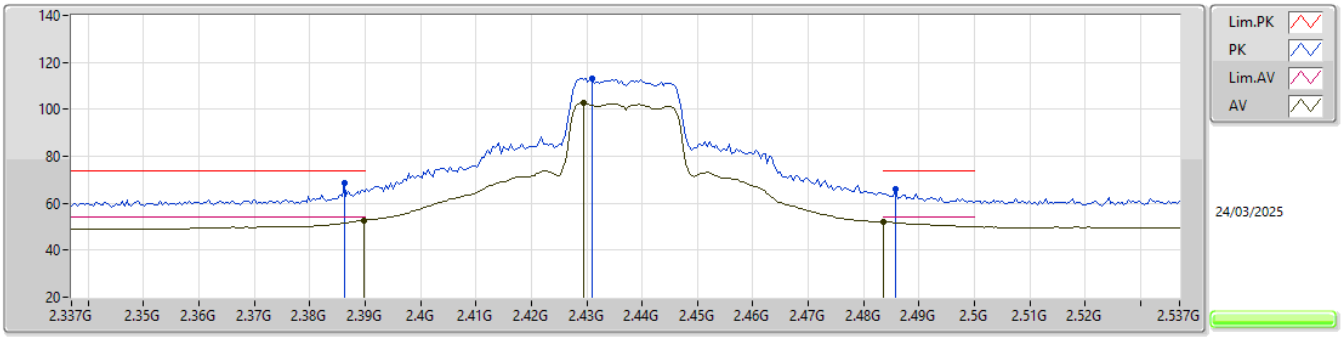


EUT X_1TX
Setting 19.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82456G	48.31	74.00	-25.69	39.38	3	Horizontal	353	2.47	-	33.15	6.78	31.00
AV	4.82494G	35.37	54.00	-18.63	26.44	3	Horizontal	353	2.47	-	33.15	6.78	31.00

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

2437MHz_TX

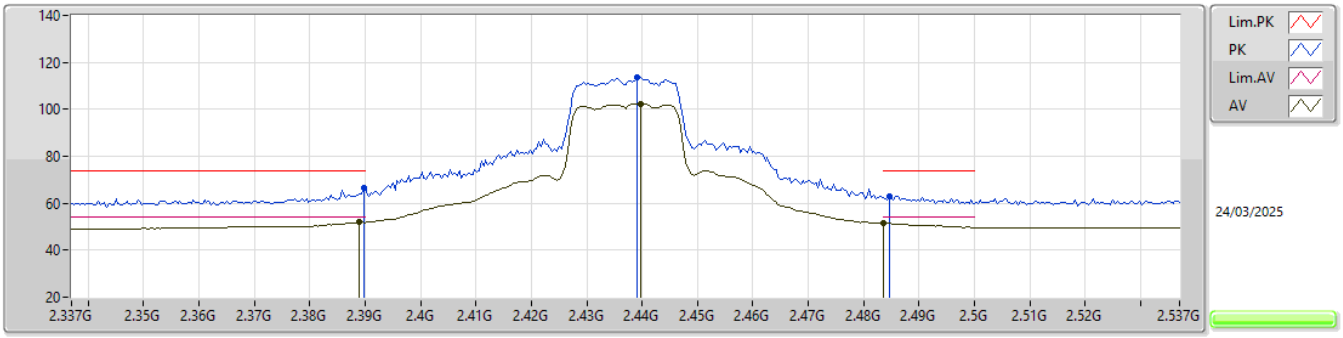


EUT Y_1TX
Setting 20.5
02-R-E-3

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	2.3862G	68.38	74.00	-5.62	35.86	3	Vertical	315	1.80	-	28.46	4.06	-
AV	2.3898G	52.66	54.00	-1.34	20.10	3	Vertical	315	1.80	-	28.50	4.06	-
PK	2.431G	112.91	Inf	-Inf	80.32	3	Vertical	315	1.80	-	28.50	4.09	-
AV	2.4294G	102.76	Inf	-Inf	70.18	3	Vertical	315	1.80	-	28.49	4.09	-
PK	2.4858G	66.04	74.00	-7.96	33.31	3	Vertical	315	1.80	-	28.60	4.13	-
AV	2.4835G	52.05	54.00	-1.95	19.32	3	Vertical	315	1.80	-	28.60	4.13	-

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

2437MHz_TX

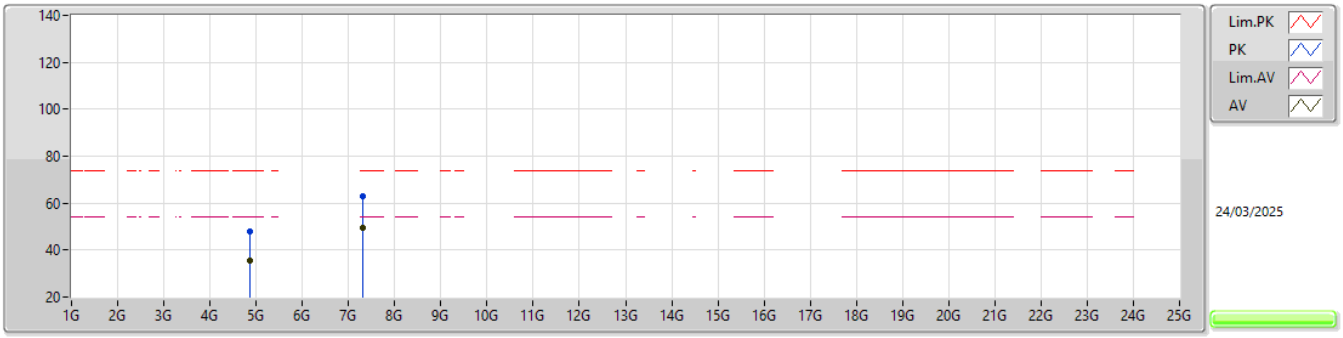


EUT Y_1TX
Setting 20.5
02-R-E-3

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	66.52	74.00	-7.48	33.96	3	Horizontal	249	2.96	-	28.50	4.06	-
AV	2.389G	52.01	54.00	-1.99	19.46	3	Horizontal	249	2.96	-	28.49	4.06	-
PK	2.439G	113.72	Inf	-Inf	81.12	3	Horizontal	249	2.96	-	28.50	4.10	-
AV	2.4398G	102.50	Inf	-Inf	69.90	3	Horizontal	249	2.96	-	28.50	4.10	-
PK	2.4846G	63.02	74.00	-10.98	30.29	3	Horizontal	249	2.96	-	28.60	4.13	-
AV	2.4835G	51.33	54.00	-2.67	18.60	3	Horizontal	249	2.96	-	28.60	4.13	-

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

2437MHz_TX

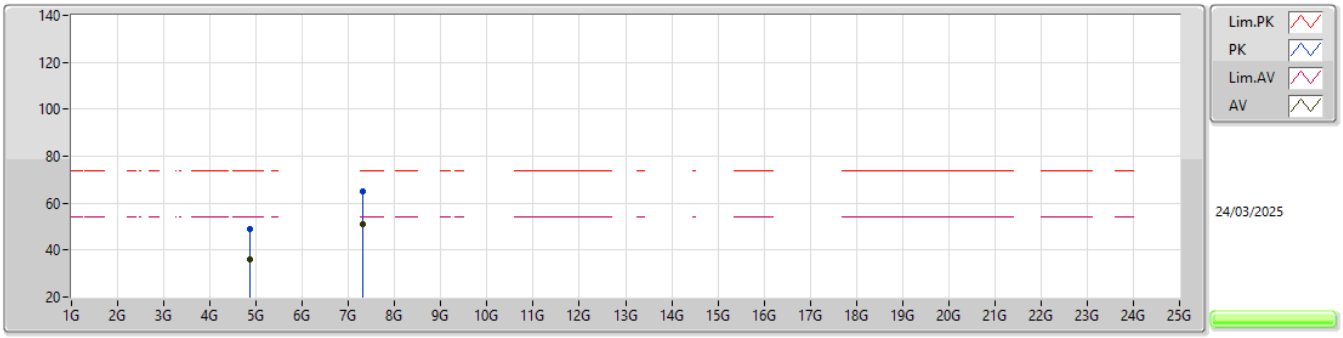


EUT X_1TX
Setting 20.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87726G	47.78	74.00	-26.22	38.72	3	Vertical	18	1.14	-	33.25	6.81	31.00
AV	4.87332G	35.64	54.00	-18.36	26.58	3	Vertical	18	1.14	-	33.25	6.81	31.00
PK	7.31092G	62.85	74.00	-11.15	48.47	3	Vertical	303	2.00	-	36.44	9.37	31.43
AV	7.30696G	49.45	54.00	-4.55	35.08	3	Vertical	303	2.00	-	36.43	9.37	31.43

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

2437MHz_TX

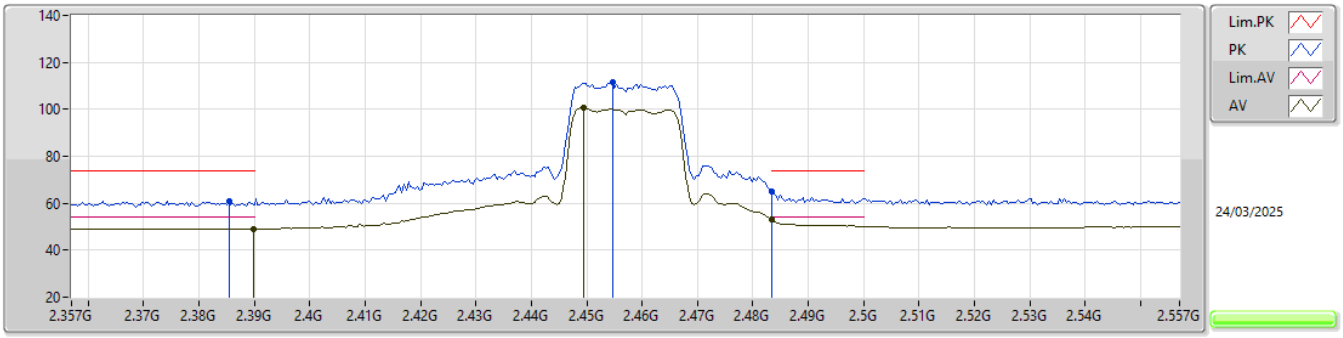


EUT X_1TX
Setting 20.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8711G	48.87	74.00	-25.13	39.82	3	Horizontal	187	2.55	-	33.24	6.81	31.00
AV	4.8728G	36.24	54.00	-17.76	27.18	3	Horizontal	187	2.55	-	33.25	6.81	31.00
PK	7.3141G	64.85	74.00	-9.15	50.45	3	Horizontal	57	1.99	-	36.46	9.37	31.43
AV	7.31102G	50.85	54.00	-3.15	36.47	3	Horizontal	57	1.99	-	36.44	9.37	31.43

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

2457MHz_TX

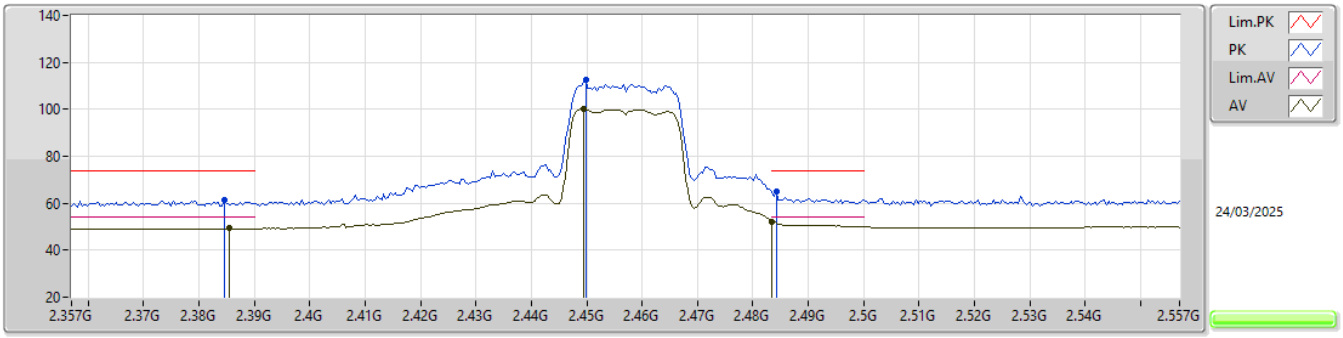


EUT Y_1TX
Setting 19.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	61.02	74.00	-12.98	28.51	3	Vertical	314	1.74	-	28.45	4.06	-
AV	2.3898G	49.15	54.00	-4.85	16.59	3	Vertical	314	1.74	-	28.50	4.06	-
PK	2.4546G	111.38	Inf	-Inf	78.82	3	Vertical	314	1.74	-	28.45	4.11	-
AV	2.4494G	100.58	Inf	-Inf	67.97	3	Vertical	314	1.74	-	28.50	4.11	-
PK	2.4835G	64.78	74.00	-9.22	32.05	3	Vertical	314	1.74	-	28.60	4.13	-
AV	2.4835G	52.93	54.00	-1.07	20.20	3	Vertical	314	1.74	-	28.60	4.13	-

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

2457MHz_TX

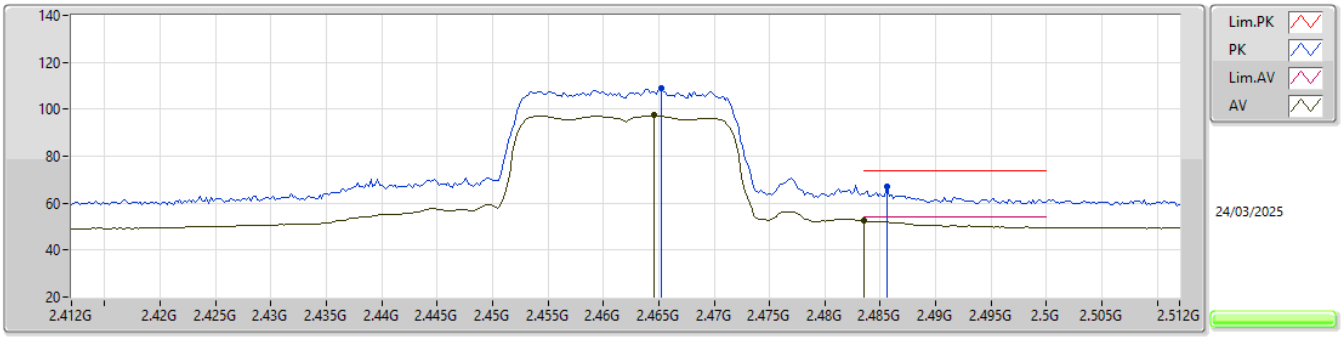


EUT Y_1TX
Setting 19.5
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	61.40	74.00	-12.60	28.89	3	Horizontal	246	2.69	-	28.45	4.06	-
AV	2.3854G	49.40	54.00	-4.60	16.89	3	Horizontal	246	2.69	-	28.45	4.06	-
PK	2.4498G	112.61	Inf	-Inf	80.00	3	Horizontal	246	2.69	-	28.50	4.11	-
AV	2.4494G	100.06	Inf	-Inf	67.45	3	Horizontal	246	2.69	-	28.50	4.11	-
PK	2.4842G	65.04	74.00	-8.96	32.31	3	Horizontal	246	2.69	-	28.60	4.13	-
AV	2.4835G	52.29	54.00	-1.71	19.56	3	Horizontal	246	2.69	-	28.60	4.13	-

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

2462MHz_TX

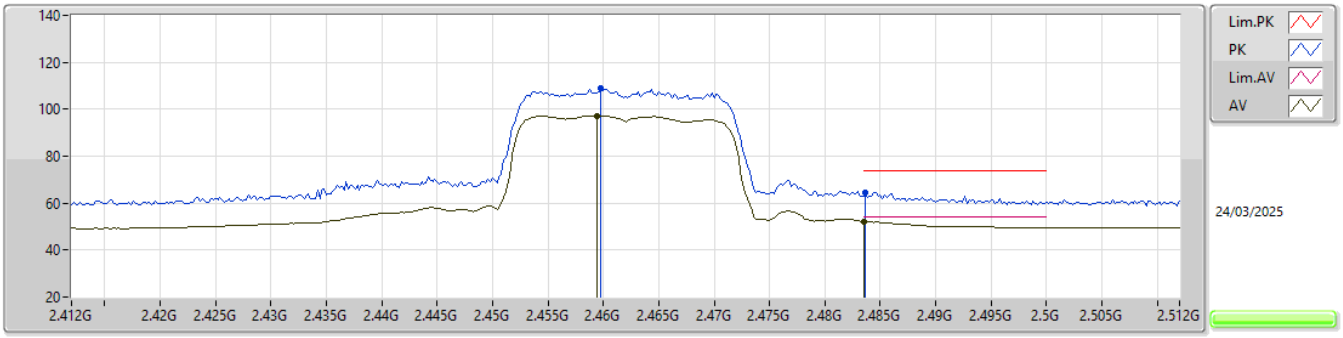


EUT Y_1TX
Setting 17
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4652G	108.97	Inf	-Inf	76.40	3	Vertical	313	1.75	-	28.45	4.12	-
AV	2.4646G	97.35	Inf	-Inf	64.78	3	Vertical	313	1.75	-	28.45	4.12	-
PK	2.4856G	67.12	74.00	-6.88	34.39	3	Vertical	313	1.75	-	28.60	4.13	-
AV	2.4835G	52.50	54.00	-1.50	19.77	3	Vertical	313	1.75	-	28.60	4.13	-

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

2462MHz_TX

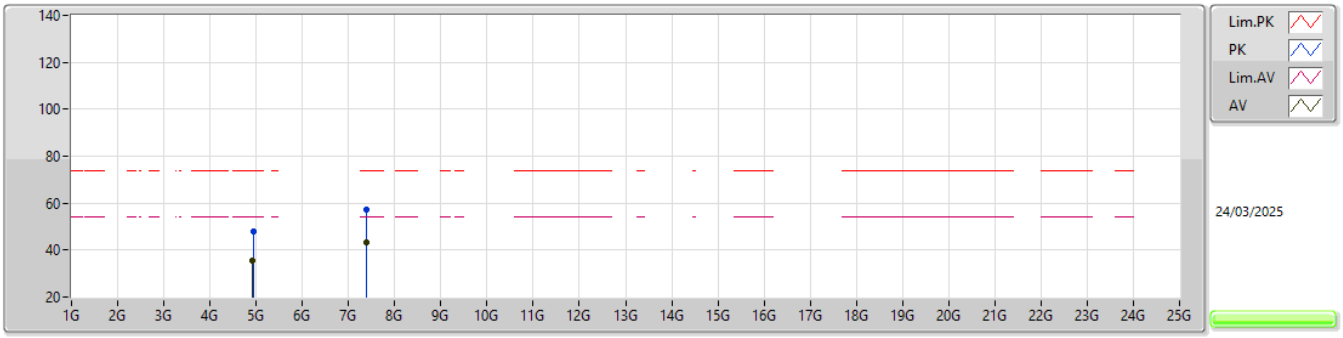


EUT Y_1TX
Setting 17
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4598G	108.85	Inf	-Inf	76.34	3	Horizontal	245	2.70	-	28.40	4.11	-
AV	2.4594G	97.27	Inf	-Inf	64.75	3	Horizontal	245	2.70	-	28.41	4.11	-
PK	2.4836G	64.45	74.00	-9.55	31.72	3	Horizontal	245	2.70	-	28.60	4.13	-
AV	2.4835G	52.29	54.00	-1.71	19.56	3	Horizontal	245	2.70	-	28.60	4.13	-

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

2462MHz_TX

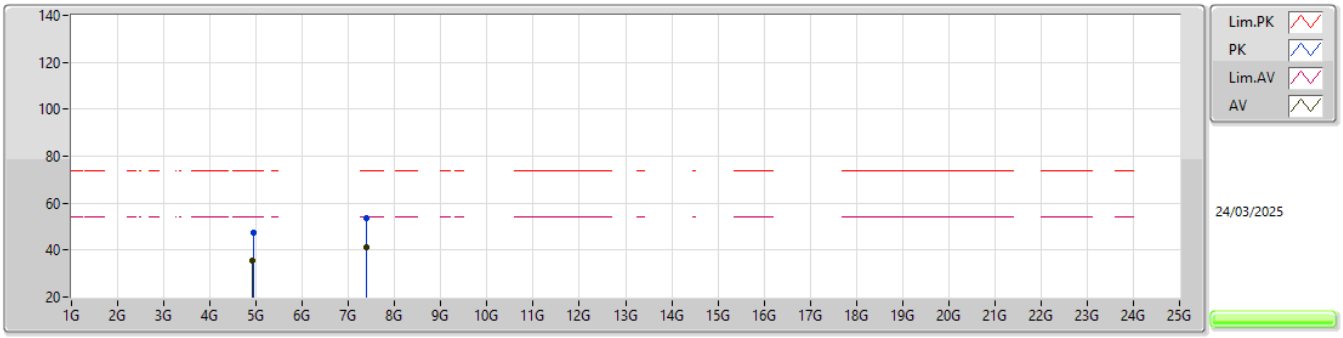


EUT X_1TX
Setting 17
02-R-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9309G	48.06	74.00	-25.94	38.87	3	Vertical	302	2.60	-	33.36	6.84	31.01
AV	4.91884G	35.73	54.00	-18.27	26.56	3	Vertical	302	2.60	-	33.34	6.84	31.01
PK	7.37928G	57.19	74.00	-16.81	42.65	3	Vertical	97	2.24	-	36.60	9.37	31.43
AV	7.38744G	43.20	54.00	-10.80	28.66	3	Vertical	97	2.24	-	36.60	9.37	31.43

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

2462MHz_TX



EUT X_1TX
Setting 17
02-R-G-5

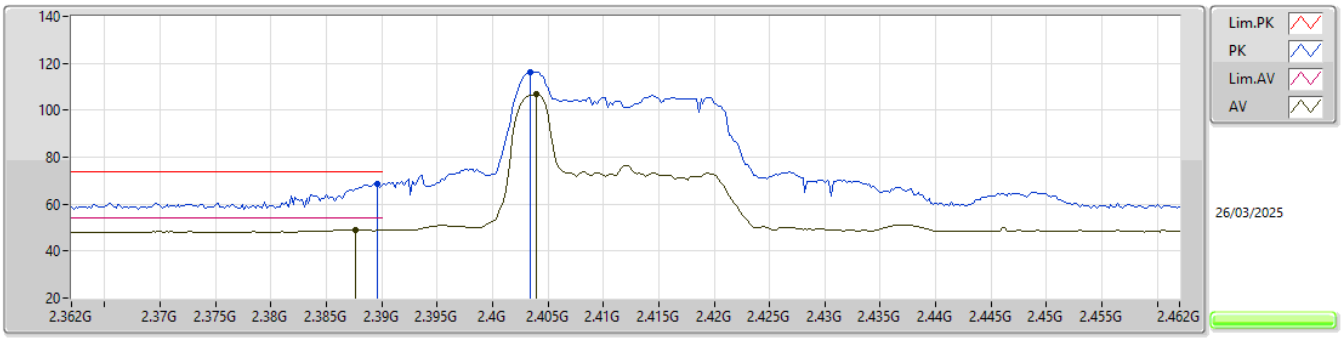
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9348G	47.57	74.00	-26.43	38.37	3	Horizontal	129	2.29	-	33.37	6.84	31.01
AV	4.9186G	35.48	54.00	-18.52	26.31	3	Horizontal	129	2.29	-	33.34	6.84	31.01
PK	7.37532G	53.75	74.00	-20.25	39.21	3	Horizontal	175	1.57	-	36.60	9.37	31.43
AV	7.383G	41.31	54.00	-12.69	26.77	3	Horizontal	175	1.57	-	36.60	9.37	31.43

Test Mode: Mode 2
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),RU26,#RU0_1TX	Pass	PK	2.3892G	72.50	74.00	-1.50	3	Horizontal	352	3.00	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

2412MHz_TX

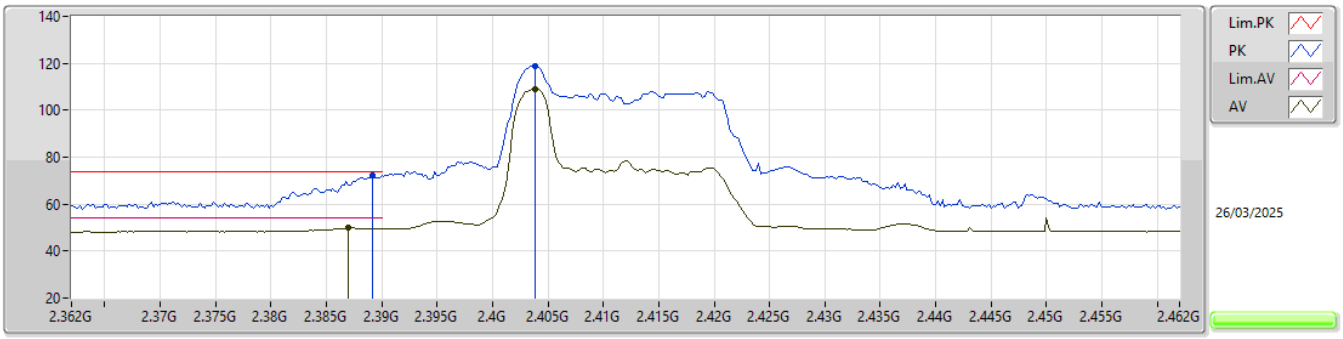


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	68.84	74.00	-5.16	36.28	3	Vertical	241	1.72	-	28.50	4.06	-
AV	2.3876G	49.13	54.00	-4.87	16.59	3	Vertical	241	1.72	-	28.48	4.06	-
PK	2.4034G	116.40	Inf	-Inf	83.86	3	Vertical	241	1.72	-	28.47	4.07	-
AV	2.404G	106.71	Inf	-Inf	74.18	3	Vertical	241	1.72	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

2412MHz_TX

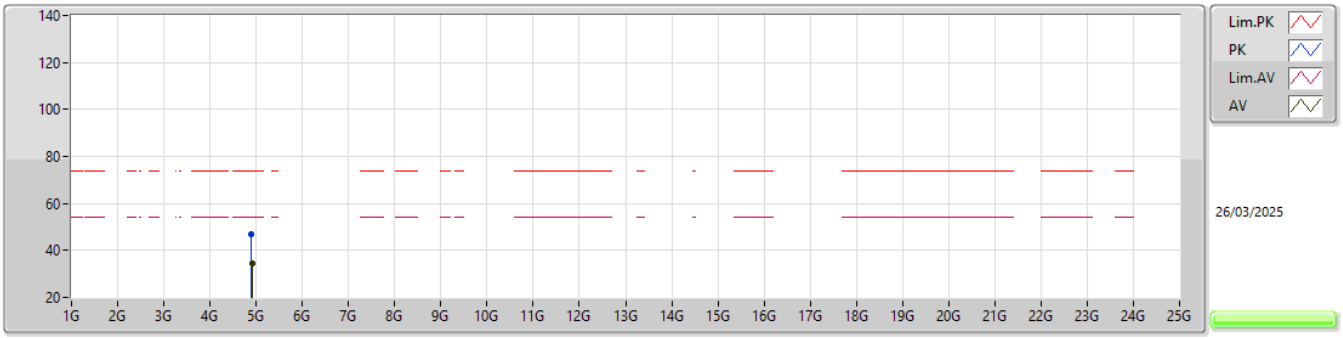


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	72.50	74.00	-1.50	39.95	3	Horizontal	352	3.00	-	28.49	4.06	-
AV	2.387G	49.93	54.00	-4.07	17.40	3	Horizontal	352	3.00	-	28.47	4.06	-
PK	2.4038G	118.86	Inf	-Inf	86.33	3	Horizontal	352	3.00	-	28.46	4.07	-
AV	2.4038G	108.88	Inf	-Inf	76.35	3	Horizontal	352	3.00	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

2412MHz_TX

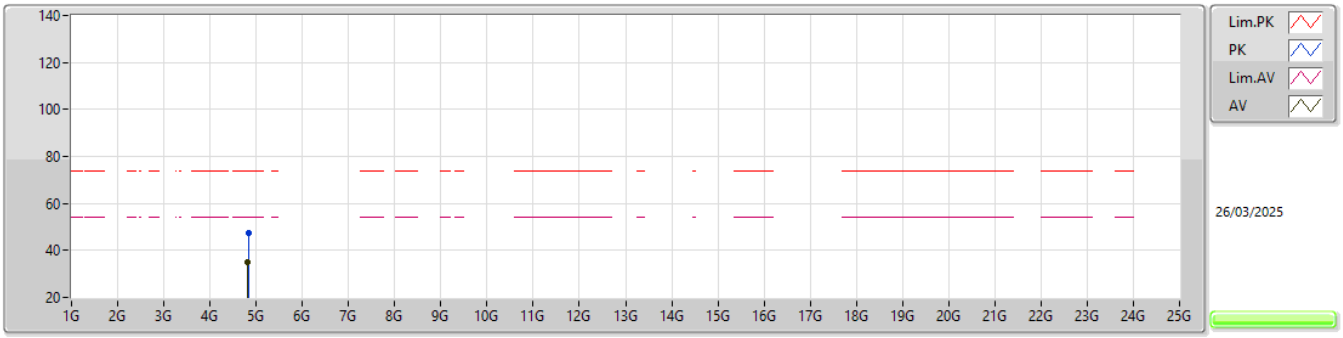


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.878G	46.72	74.00	-27.28	37.65	3	Vertical	262	2.58	-	33.26	6.81	31.00
AV	4.9184G	34.72	54.00	-19.28	25.55	3	Vertical	262	2.58	-	33.34	6.84	31.01

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

2412MHz_TX

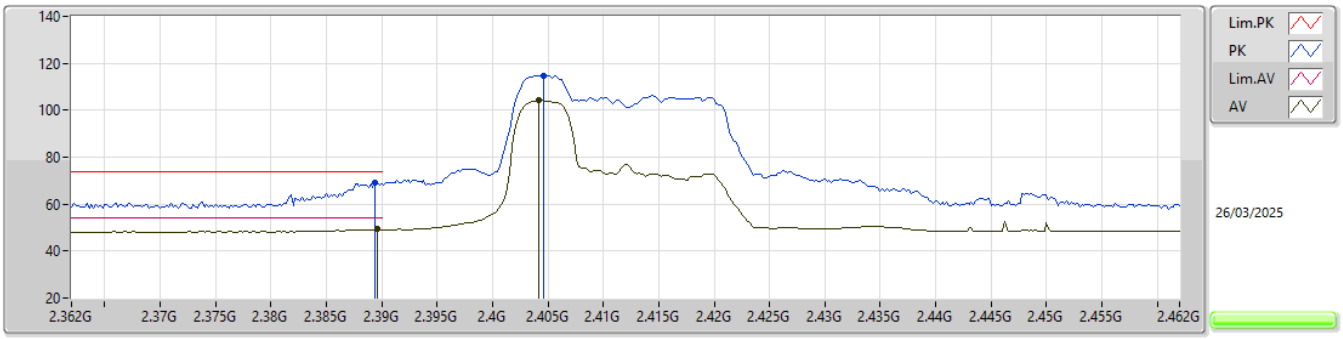


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8316G	47.49	74.00	-26.51	38.54	3	Horizontal	266	1.96	-	33.16	6.79	31.00
AV	4.8204G	34.85	54.00	-19.15	25.93	3	Horizontal	266	1.96	-	33.14	6.78	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

2412MHz_TX

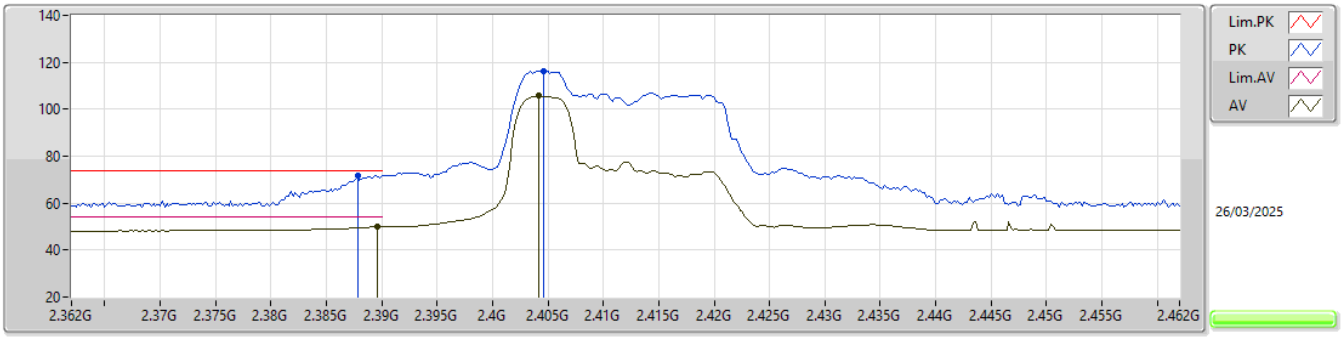


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	68.91	74.00	-5.09	36.36	3	Vertical	240	1.73	-	28.49	4.06	-
AV	2.3896G	49.44	54.00	-4.56	16.88	3	Vertical	240	1.73	-	28.50	4.06	-
PK	2.4046G	114.84	Inf	-Inf	82.32	3	Vertical	240	1.73	-	28.45	4.07	-
AV	2.4042G	104.10	Inf	-Inf	71.57	3	Vertical	240	1.73	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

2412MHz_TX

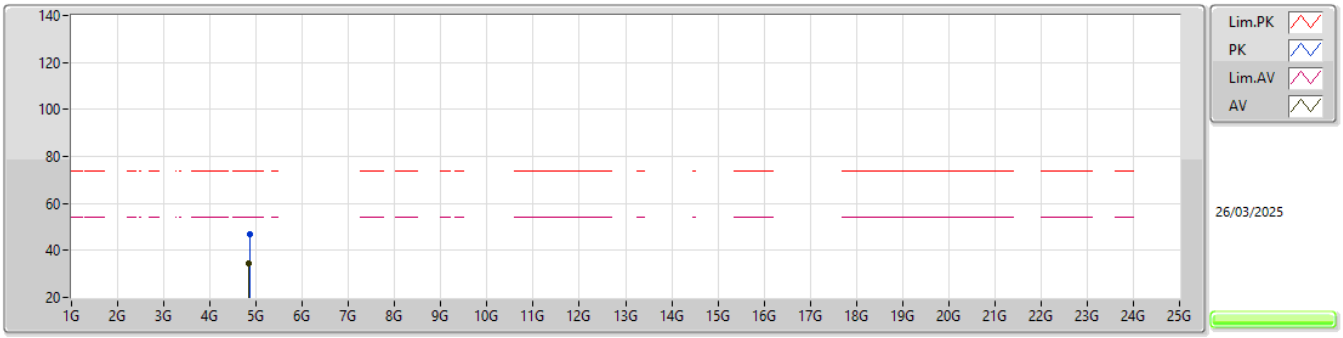


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	71.94	74.00	-2.06	39.40	3	Horizontal	1	2.73	-	28.48	4.06	-
AV	2.3896G	49.96	54.00	-4.04	17.40	3	Horizontal	1	2.73	-	28.50	4.06	-
PK	2.4046G	116.31	Inf	-Inf	83.79	3	Horizontal	1	2.73	-	28.45	4.07	-
AV	2.4042G	105.61	Inf	-Inf	73.08	3	Horizontal	1	2.73	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

2412MHz_TX

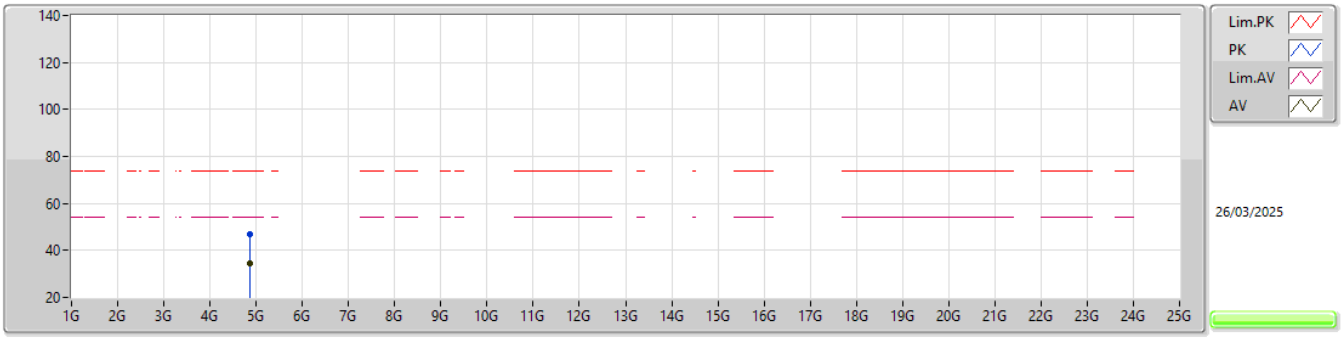


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8566G	46.97	74.00	-27.03	37.96	3	Vertical	333	1.69	-	33.21	6.80	31.00
AV	4.8348G	34.54	54.00	-19.46	25.58	3	Vertical	333	1.69	-	33.17	6.79	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

2412MHz_TX

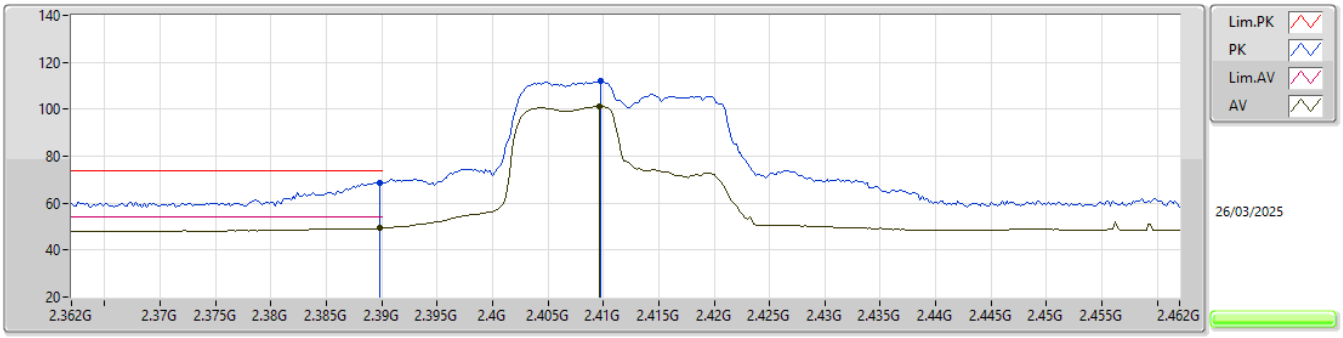


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8746G	46.96	74.00	-27.04	37.90	3	Horizontal	220	2.62	-	33.25	6.81	31.00
AV	4.8622G	34.56	54.00	-19.44	25.54	3	Horizontal	220	2.62	-	33.22	6.80	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

2412MHz_TX

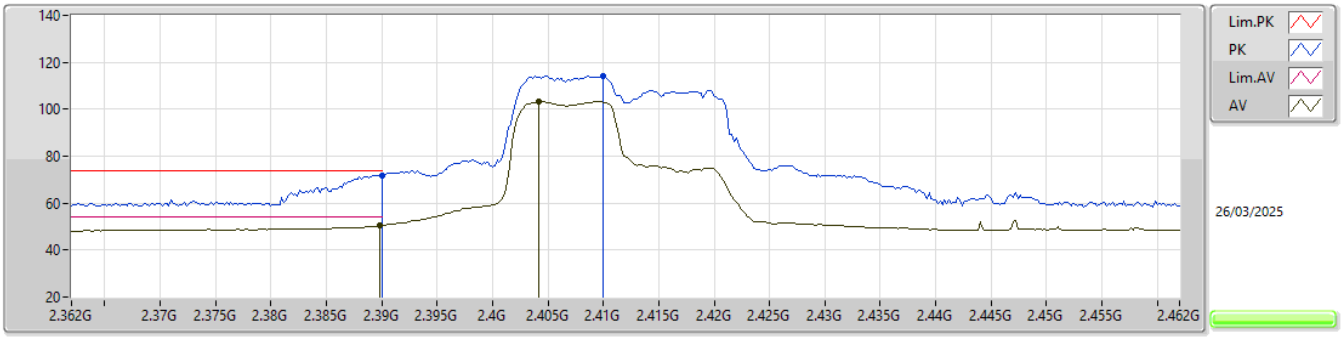


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	68.66	74.00	-5.34	36.10	3	Vertical	309	1.77	-	28.50	4.06	-
AV	2.3898G	49.44	54.00	-4.56	16.88	3	Vertical	309	1.77	-	28.50	4.06	-
PK	2.4098G	112.32	Inf	-Inf	79.84	3	Vertical	309	1.77	-	28.40	4.08	-
AV	2.4096G	101.08	Inf	-Inf	68.60	3	Vertical	309	1.77	-	28.40	4.08	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

2412MHz_TX

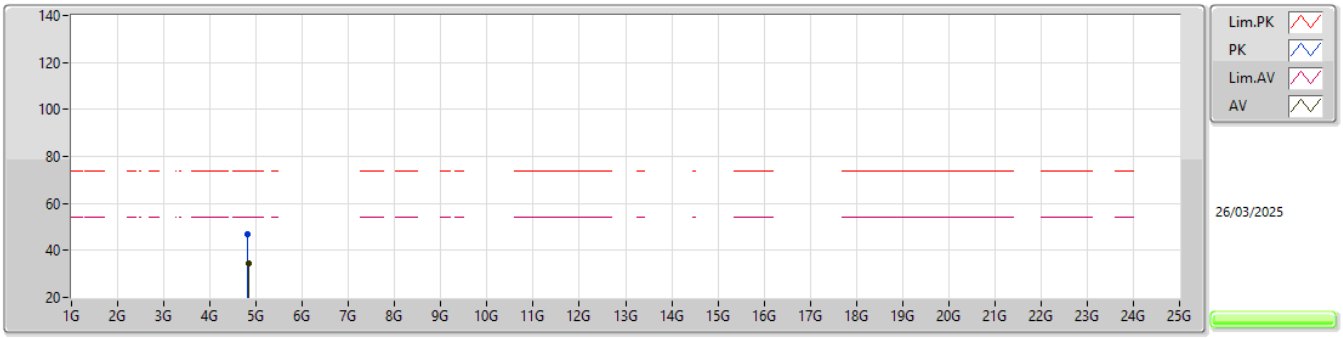


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	71.97	74.00	-2.03	39.41	3	Horizontal	352	3.00	-	28.50	4.06	-
AV	2.3898G	50.46	54.00	-3.54	17.90	3	Horizontal	352	3.00	-	28.50	4.06	-
PK	2.41G	114.24	Inf	-Inf	81.76	3	Horizontal	352	3.00	-	28.40	4.08	-
AV	2.4042G	103.14	Inf	-Inf	70.61	3	Horizontal	352	3.00	-	28.46	4.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

2412MHz_TX

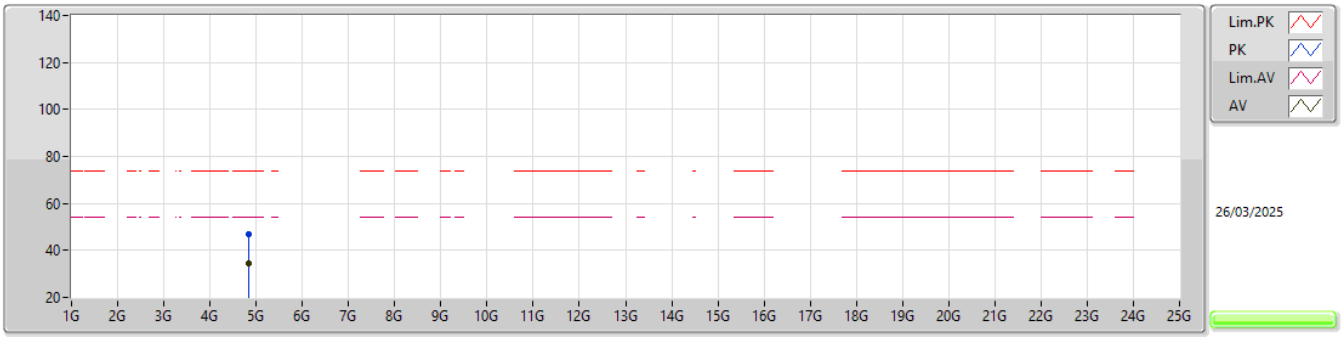


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8072G	47.04	74.00	-26.96	38.16	3	Vertical	32	1.35	-	33.11	6.77	31.00
AV	4.8356G	34.54	54.00	-19.46	25.58	3	Vertical	32	1.35	-	33.17	6.79	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

2412MHz_TX

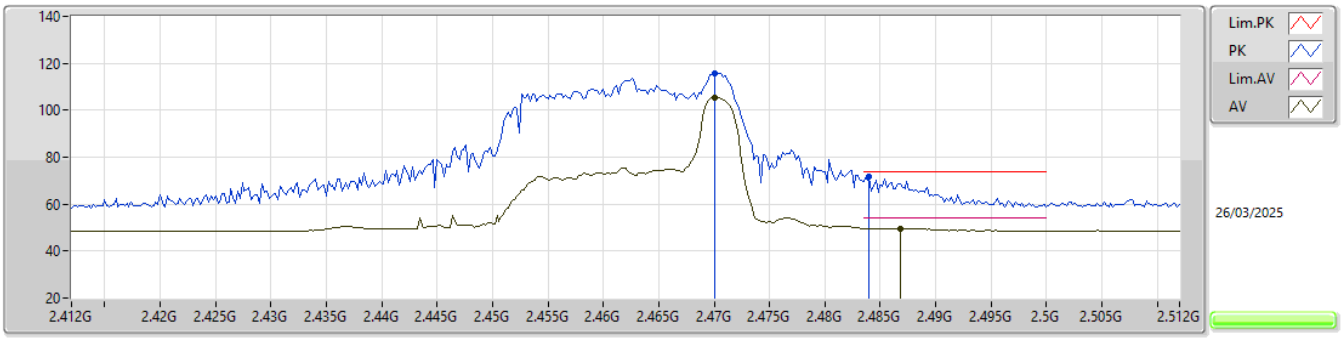


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8328G	47.05	74.00	-26.95	38.09	3	Horizontal	104	2.63	-	33.17	6.79	31.00
AV	4.8466G	34.48	54.00	-19.52	25.49	3	Horizontal	104	2.63	-	33.19	6.80	31.00

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2462MHz_TX

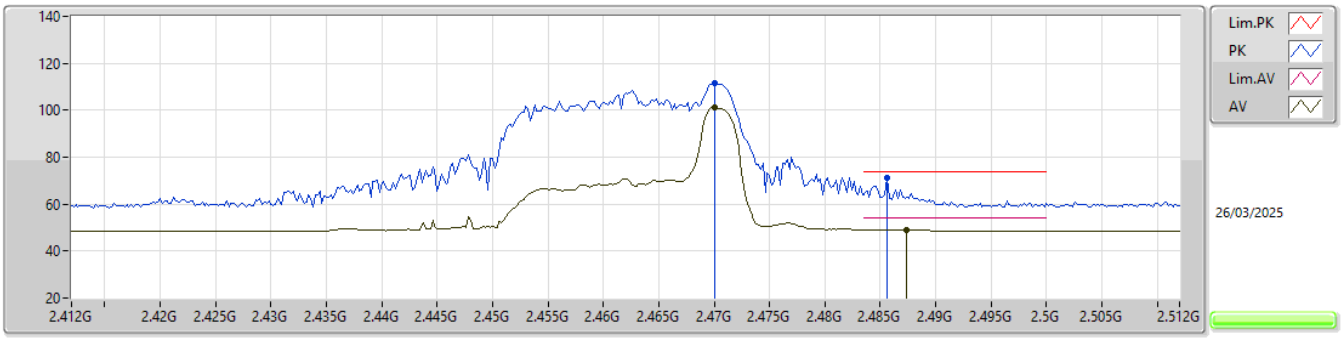


EUT Y_1TX
Setting 17
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.47G	115.94	Inf	-Inf	83.32	3	Vertical	291	1.23	-	28.50	4.12	-
AV	2.47G	105.60	Inf	-Inf	72.98	3	Vertical	291	1.23	-	28.50	4.12	-
PK	2.484G	71.81	74.00	-2.19	39.08	3	Vertical	291	1.23	-	28.60	4.13	-
AV	2.4868G	49.70	54.00	-4.30	16.96	3	Vertical	291	1.23	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2462MHz_TX

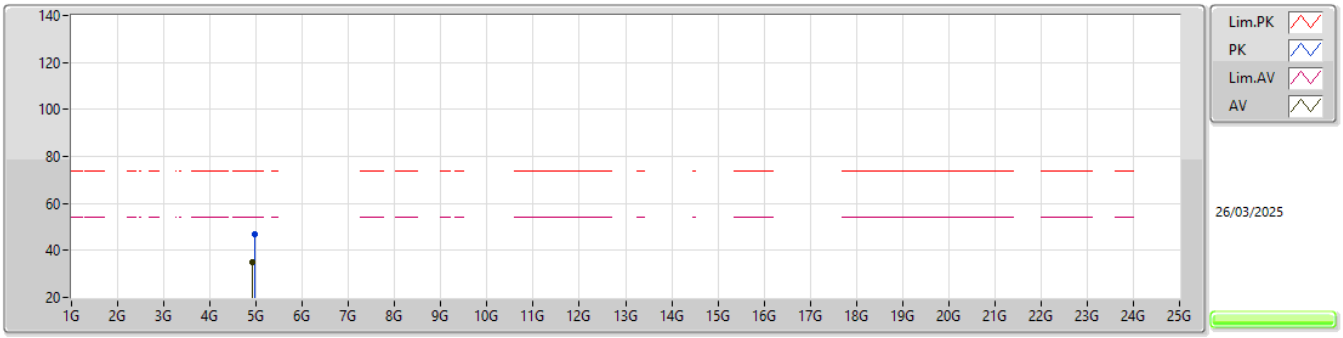


EUT Y_1TX
Setting 17
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.47G	111.55	Inf	-Inf	78.93	3	Horizontal	128	1.80	-	28.50	4.12	-
AV	2.47G	101.24	Inf	-Inf	68.62	3	Horizontal	128	1.80	-	28.50	4.12	-
PK	2.4856G	71.30	74.00	-2.70	38.57	3	Horizontal	128	1.80	-	28.60	4.13	-
AV	2.4874G	49.14	54.00	-4.86	16.40	3	Horizontal	128	1.80	-	28.60	4.14	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2462MHz_TX

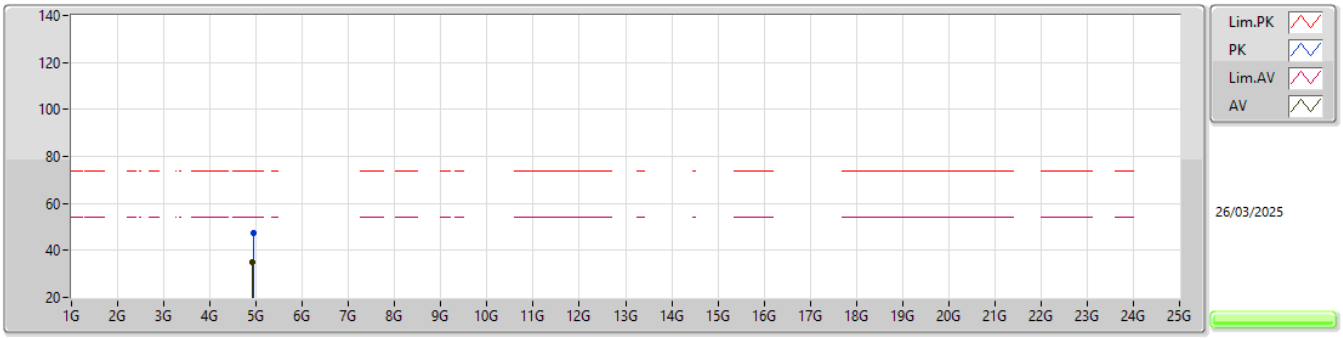


EUT X_1TX
Setting 17
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9588G	47.09	74.00	-26.91	37.84	3	Vertical	292	2.85	-	33.40	6.86	31.01
AV	4.9196G	34.85	54.00	-19.15	25.68	3	Vertical	292	2.85	-	33.34	6.84	31.01

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

2462MHz_TX

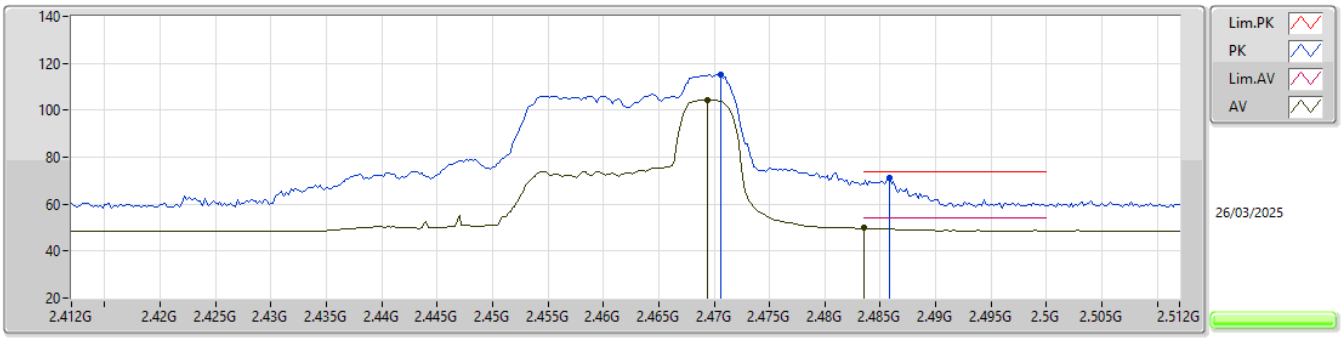


EUT X_1TX
Setting 17
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.942G	47.40	74.00	-26.60	38.18	3	Horizontal	235	1.11	-	33.38	6.85	31.01
AV	4.9184G	34.84	54.00	-19.16	25.67	3	Horizontal	235	1.11	-	33.34	6.84	31.01

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2462MHz_TX

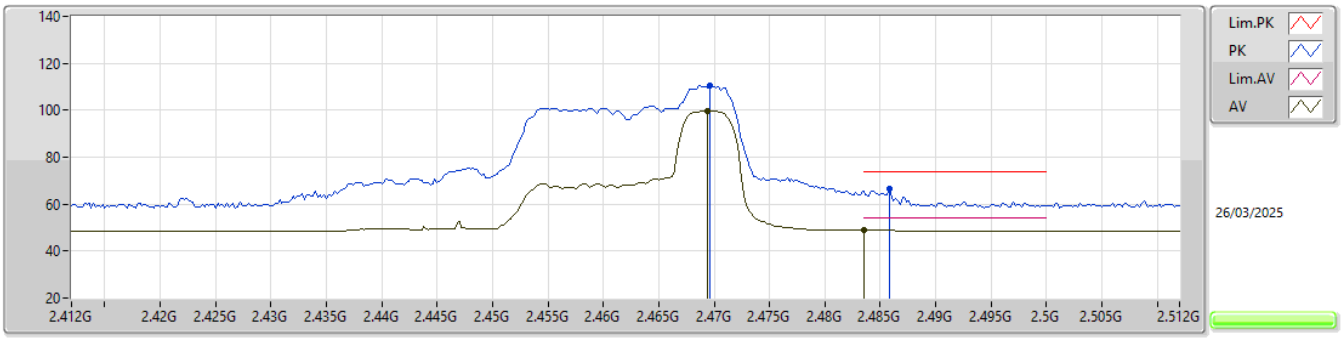


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4706G	115.29	Inf	-Inf	82.66	3	Vertical	292	1.24	-	28.51	4.12	-
AV	2.4694G	104.42	Inf	-Inf	71.81	3	Vertical	292	1.24	-	28.49	4.12	-
PK	2.4858G	71.10	74.00	-2.90	38.37	3	Vertical	292	1.24	-	28.60	4.13	-
AV	2.4835G	49.96	54.00	-4.04	17.23	3	Vertical	292	1.24	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2462MHz_TX

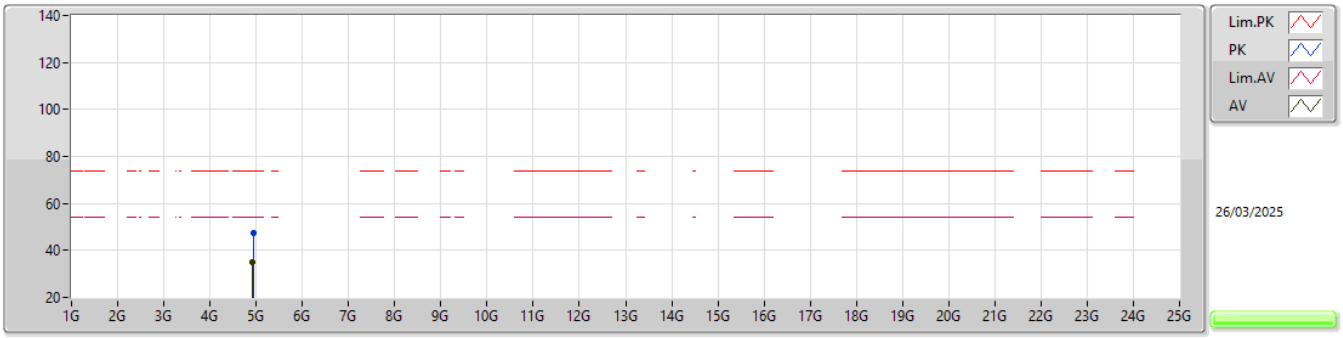


EUT Y_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4696G	110.41	Inf	-Inf	77.79	3	Horizontal	128	1.80	-	28.50	4.12	-
AV	2.4694G	99.70	Inf	-Inf	67.09	3	Horizontal	128	1.80	-	28.49	4.12	-
PK	2.4858G	66.44	74.00	-7.56	33.71	3	Horizontal	128	1.80	-	28.60	4.13	-
AV	2.4835G	48.83	54.00	-5.17	16.10	3	Horizontal	128	1.80	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2462MHz_TX

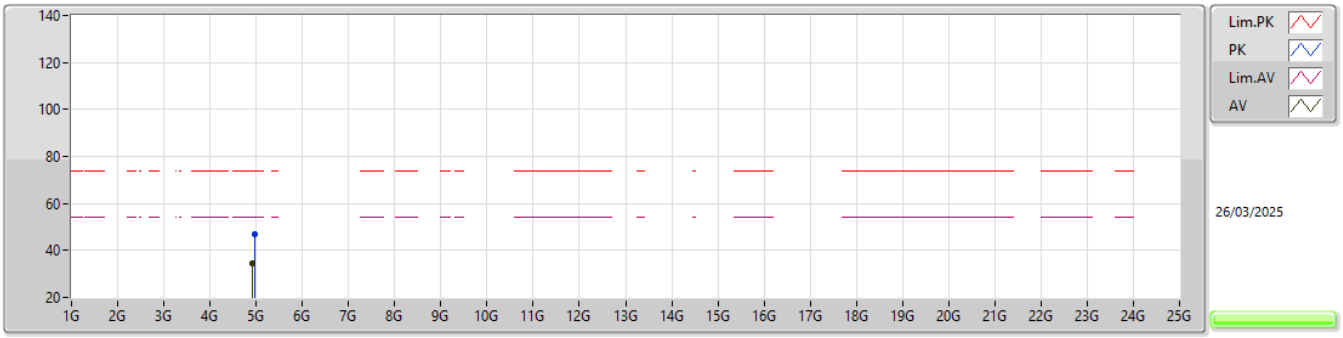


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9412G	47.19	74.00	-26.81	37.97	3	Vertical	73	1.49	-	33.38	6.85	31.01
AV	4.9208G	34.85	54.00	-19.15	25.68	3	Vertical	73	1.49	-	33.34	6.84	31.01

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

2462MHz_TX

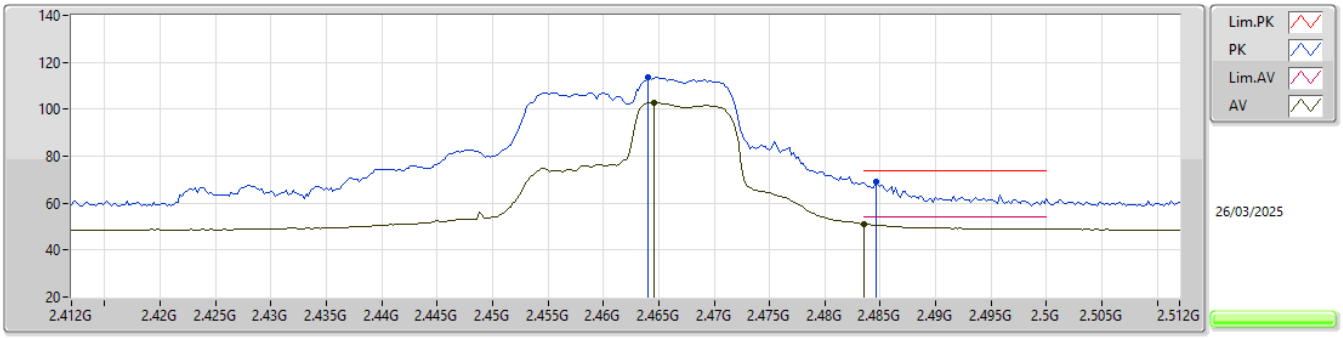


EUT X_1TX
Setting 18
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9592G	46.94	74.00	-27.06	37.69	3	Horizontal	315	1.22	-	33.40	6.86	31.01
AV	4.9208G	34.66	54.00	-19.34	25.49	3	Horizontal	315	1.22	-	33.34	6.84	31.01

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2462MHz_TX

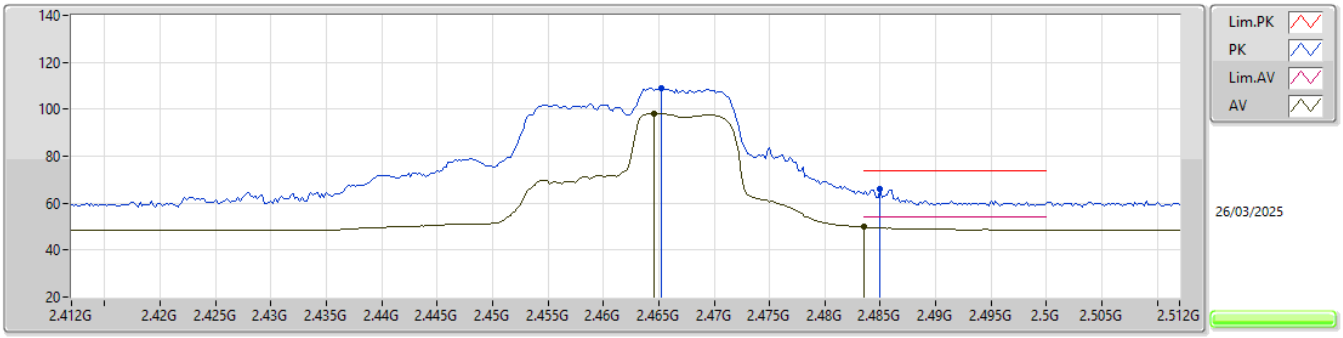


EUT Y_1TX
Setting 19
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.464G	113.65	Inf	-Inf	81.09	3	Vertical	289	1.64	-	28.44	4.12	-
AV	2.4646G	102.72	Inf	-Inf	70.15	3	Vertical	289	1.64	-	28.45	4.12	-
PK	2.4846G	69.15	74.00	-4.85	36.42	3	Vertical	289	1.64	-	28.60	4.13	-
AV	2.4835G	51.18	54.00	-2.82	18.45	3	Vertical	289	1.64	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2462MHz_TX

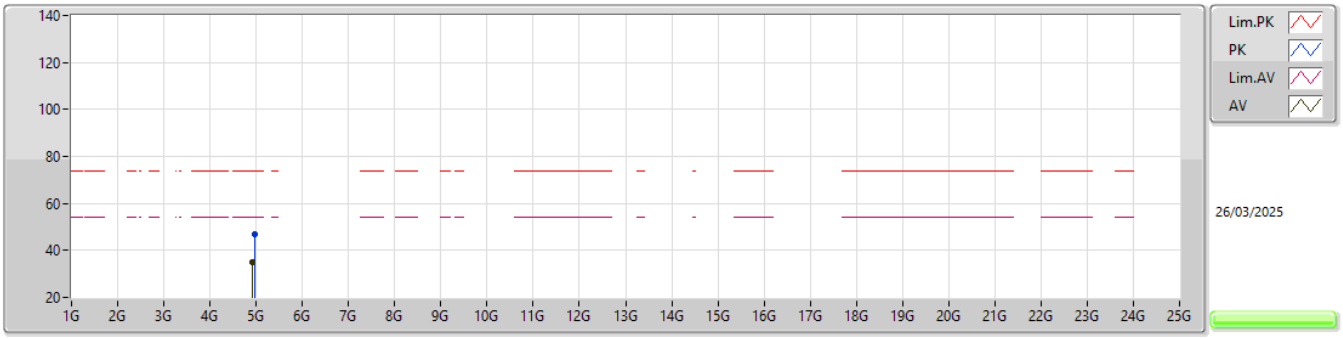


EUT Y_1TX
Setting 19
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4652G	109.02	Inf	-Inf	76.45	3	Horizontal	129	1.82	-	28.45	4.12	-
AV	2.4646G	98.29	Inf	-Inf	65.72	3	Horizontal	129	1.82	-	28.45	4.12	-
PK	2.485G	66.08	74.00	-7.92	33.35	3	Horizontal	129	1.82	-	28.60	4.13	-
AV	2.4835G	49.96	54.00	-4.04	17.23	3	Horizontal	129	1.82	-	28.60	4.13	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2462MHz_TX

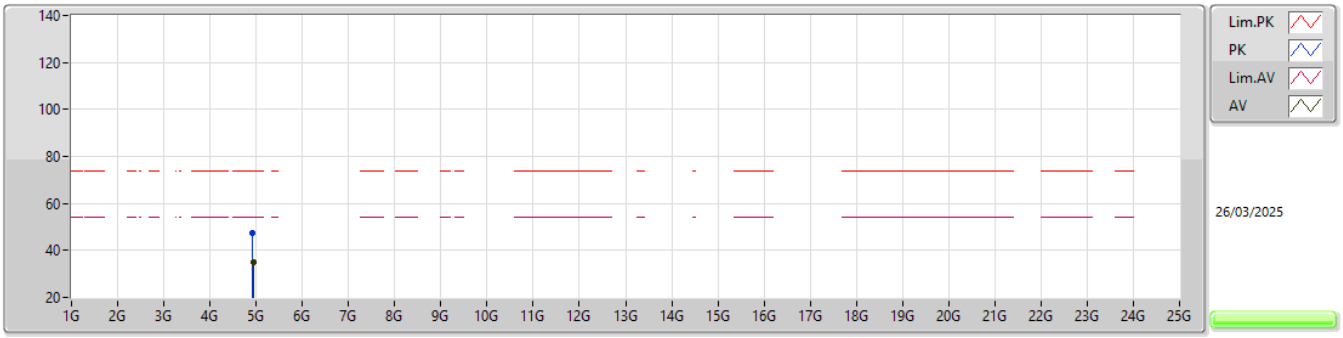


EUT X_1TX
Setting 19
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9656G	46.87	74.00	-27.13	37.62	3	Vertical	123	1.18	-	33.40	6.86	31.01
AV	4.92G	34.85	54.00	-19.15	25.68	3	Vertical	123	1.18	-	33.34	6.84	31.01

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

2462MHz_TX



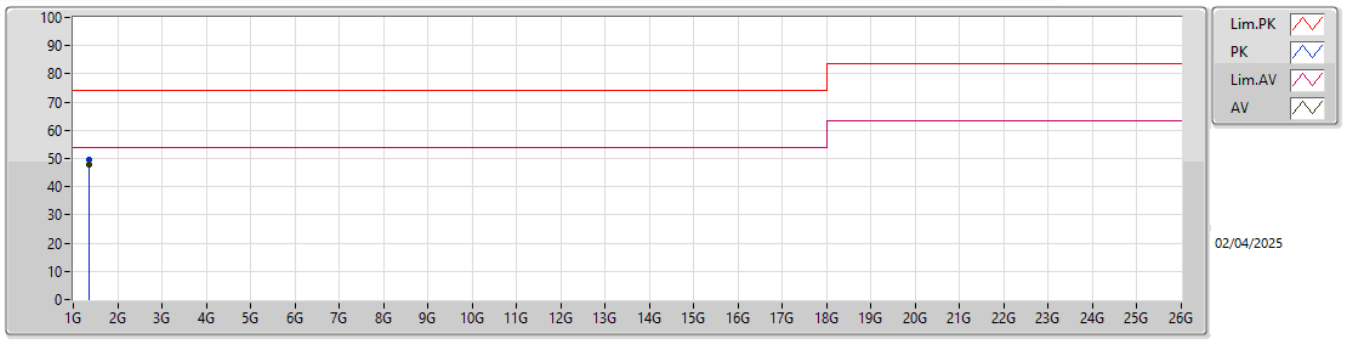
EUT X_1TX
Setting 19
02-R-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9096G	47.33	74.00	-26.67	38.18	3	Horizontal	117	2.00	-	33.32	6.83	31.00
AV	4.9324G	34.89	54.00	-19.11	25.70	3	Horizontal	117	2.00	-	33.36	6.84	31.01

Summary

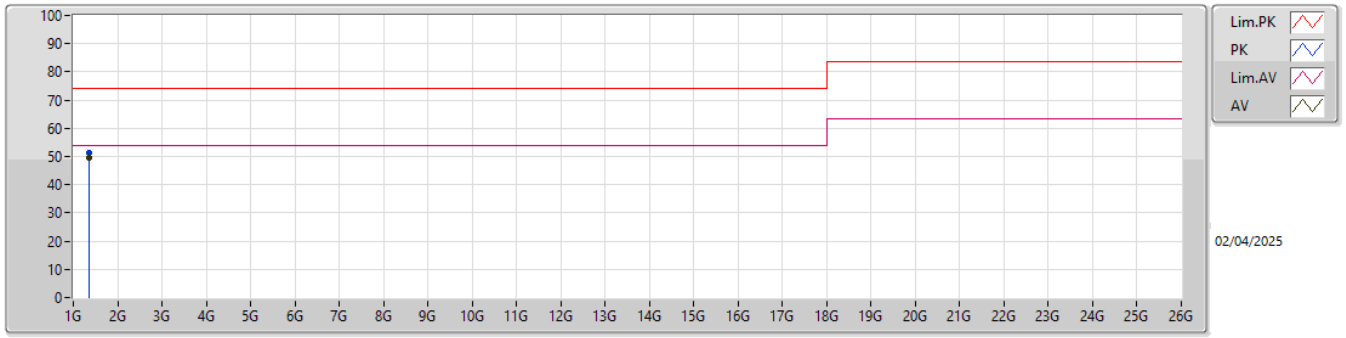
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.35002G	49.73	54.00	-4.27	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
AV	1.35002G	47.77	54.00	-6.23	-5.38	3	Vertical	13.4	1.07	"Worst"	53.15	25.00	4.33	34.71
PK	1.35002G	49.68	74.00	-24.32	-5.38	3	Vertical	13.4	1.07	-	55.06	25.00	4.33	34.71

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
AV	1.35002G	49.73	54.00	-4.27	-5.38	3	Horizontal	145.6	1.10	"Worst"	55.11	25.00	4.33	34.71
PK	1.35002G	51.30	74.00	-22.70	-5.38	3	Horizontal	145.6	1.10	-	56.68	25.00	4.33	34.71