Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-AM510
Equipment	:	IEEE 802.11 1X1 a/b/g/n Wireless LAN + Bluetooth 5.1 Combo 12 x 12 LGA Module
Brand Name	:	AzureWave
Model Name	:	AW-AM510 ; AW-AM510-I
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 Nov. 14, 2024, and testing was started from Jan. 21, 2025 and completed on Jan. 23, 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 variant 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
FR131001-03AA	01	Initial issue of report	Feb. 05, 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(d)	Emissions in Restricted Frequency Bands	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	802.11n HT20	20	1TX
2.4-2.4835GHz	802.11n HT40	40	1TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Molex	1461531050	Dipole	I-PEX	Note 1
2	1	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	Note 1
3	1	LYNwave	5-PP005421	PIFA	I-PEX	Note 1
4	1	California Eastern Laboratories	Dual-Band Planar Antenna 0033	Split Ring	N/A	Note 1

Note 1:

Ant.	Antenna Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	3.20	4.25	3.20
2	2.98	5.16	2.98
3	2.90	4.30	2.90
4	1.00	4.40	1.00

Note 2: The above information was declared by manufacturer.

Note 3: **<For WLAN 2.4GHz>**

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

Only Port 1 can be used as transmitting/receiving.

<For WLAN 5GHz>

For IEEE 802.11a/n mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving.

<For Bluetooth> (1TX/1RX)

Only Port 1 can be used as transmitting/receiving.

1.1.3 Antenna Trace Layout

Type of Antenna Trace Layout	Antenna
1	Ant. 1~3
2	Ant. 4

Note: The above information was declared by manufacturer.

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Operating Temperature
AW-AM510	0~70℃
AW-AM510-I	-40~85℃

Note 1: From the above models, model: AW-AM510 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR131001AA.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Add the Split Ring antenna with new type of antenna trace layout (Please refer to section 1.1.2 and 1.1.3, Ant. 4 for detailed information.) 2. Add new type of antenna trace layout, type 2, only for Ant. 4.	1. AC Power-line Conducted Emissions 2. Emissions in Restricted Frequency Bands (The measurement above 1GHz was based on the Output Power result in the original report.)
3. Remove model “AW-AM510MA”. 4. Revise the information in Table for Multiple Listing (Please refer to section 1.1.5 for detailed information.)	After evaluation, it does not need to re-test.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.247
- ANSI C63.10-2013

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

- FCC KDB 558074 D01 v05r02
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated	03CH05-CB	Black Lu	22.6~23.2 / 59~63	Jan. 21, 2025~ Jan. 22, 2025
AC Conduction	CO01-CB	Tim Chen	21~22 / 58~59	Jan. 23, 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%

2 Test Configuration of EUT

2.1 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 + Ant. 4 with antenna trace layout type 2_Bluetooth
2	EUT + Ant. 4 with antenna trace layout type 2_WLAN 2.4GHz
3	EUT + Ant. 4 with antenna trace layout type 2_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	

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
	"EUT in Y axis" for WLAN 2.4GHz and Bluetooth, and "EUT in X axis" for WLAN 5GHz generated the worst cases at Radiated measurement above 1GHz. Consequently, the measurement will follow these same test modes.
1	EUT in Y axis + Ant. 4 with antenna trace layout type 2_Bluetooth
2	EUT in Y axis + Ant. 4 with antenna trace layout type 2_WLAN 2.4GHz
3	EUT in X axis + Ant. 4 with antenna trace layout type 2_WLAN 5GHz
For operating, mode 1 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + Ant. 4 with antenna trace layout type 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth (Ant. 1 with antenna trace layout type 1) + WLAN 2.4GHz (Ant. 1 with antenna trace layout type 1)
2	Bluetooth (Ant. 1 with antenna trace layout type 1) + WLAN 5GHz (Ant. 2 with antenna trace layout type 1)
Refer to Sporton Test Report No.: FA131001-03 for Co-location RF Exposure Evaluation.	

2.2 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.3 Accessories

N/A

2.4 Support Equipment

For AC Conduction:

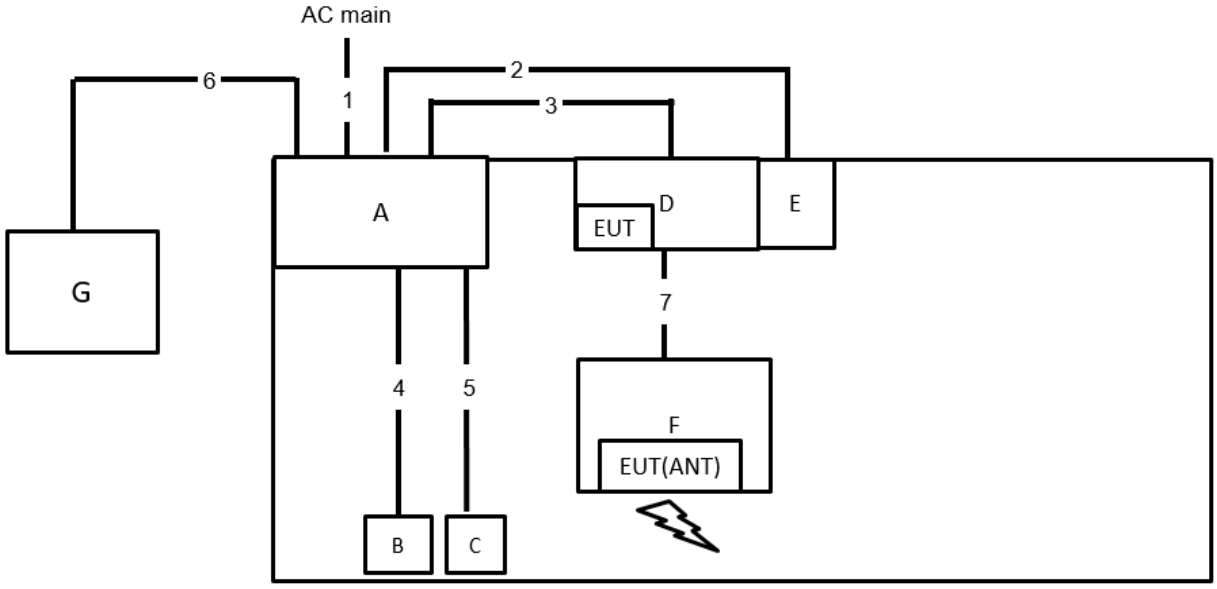
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Console NB	DELL	E4300	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	Fixure 1	AzureWave	9007 I12	N/A
E	Fixure 2	AzureWave	2510 I1	N/A
F	ANT Fixure	CEL	Variant 1	N/A
G	Device NB	DELL	E4300	N/A

For Radiated:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Fixtrue 1	AzureWave	9007 I12	N/A
D	Fixtrue 2	AzureWave	2510 I1	N/A
E	ANT Fixture	CEL	Variant 1	N/A

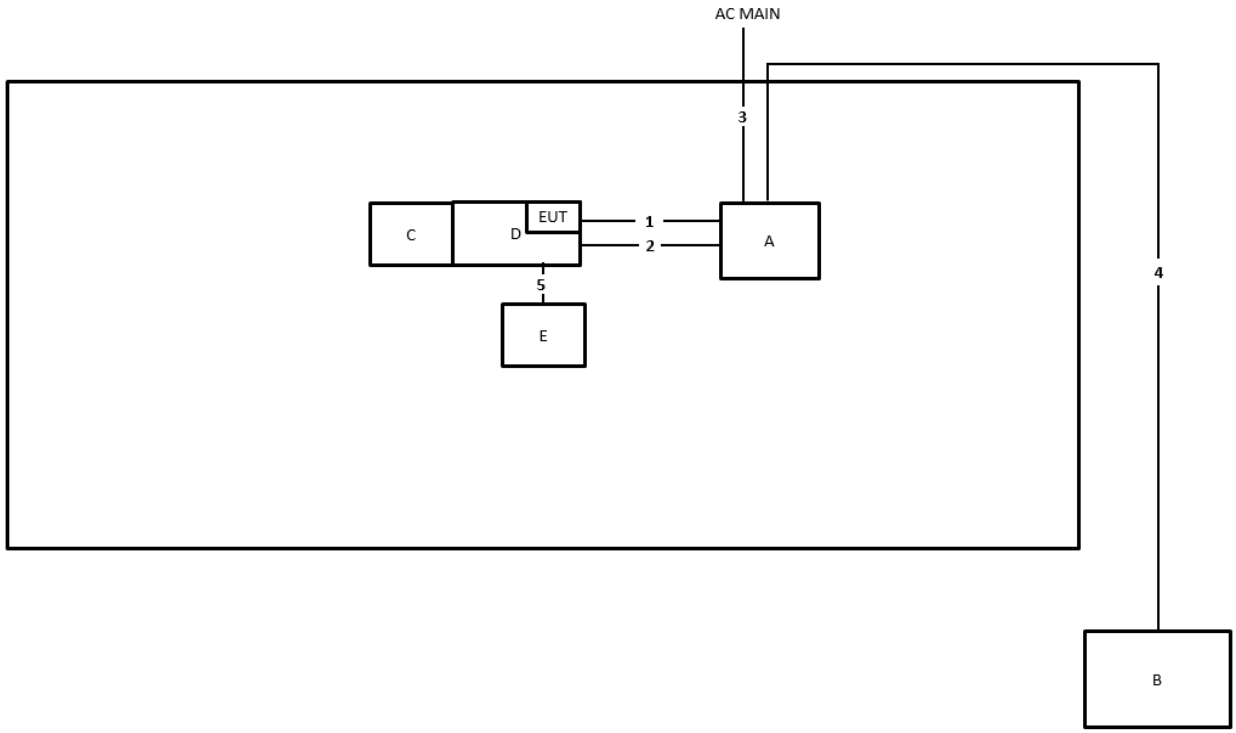
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	2.7m
2	USB cable	Yes	1m
3	USB cable	Yes	1m
4	Audio cable	No	1.2m
5	USB cable	Yes	1.8m
6	RJ-45 cable	No	10m
7	IPEX cable	Yes	0.1m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	USB to Micro cable	Yes	1m
2	USB to Micro cable	Yes	1m
3	Power cable	No	2.6m
4	RJ-45 cable	No	10m
5	Ipex cable	Yes	0.1m

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

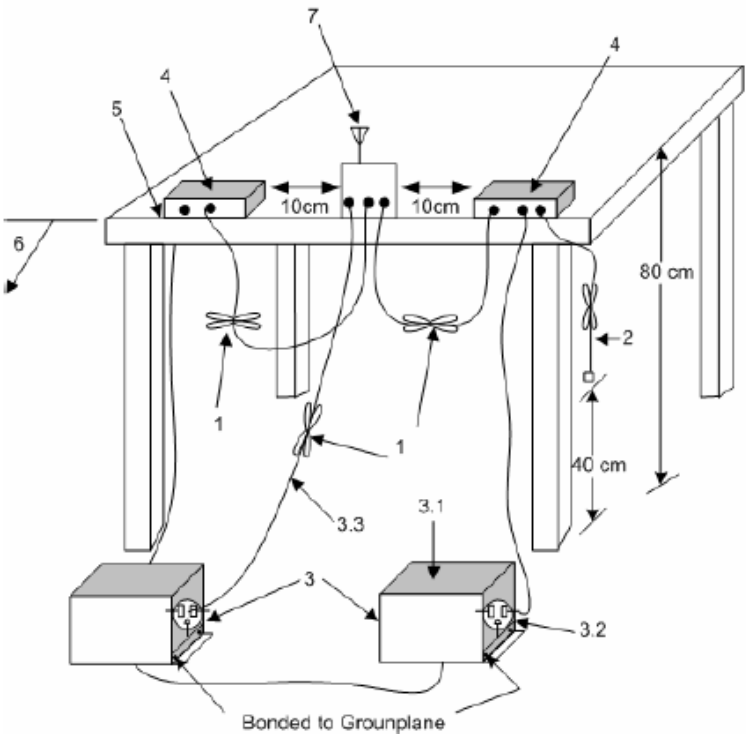
Refer a test equipment and calibration data table in this test report.

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 Emissions in Restricted Frequency Bands

3.2.1 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.

3.2.2 Measuring Instruments

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

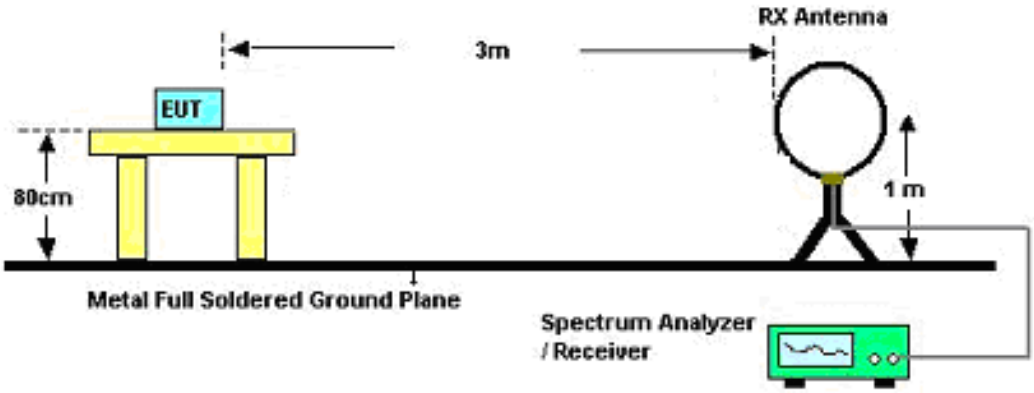
3.2.3 Test Procedures

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.		

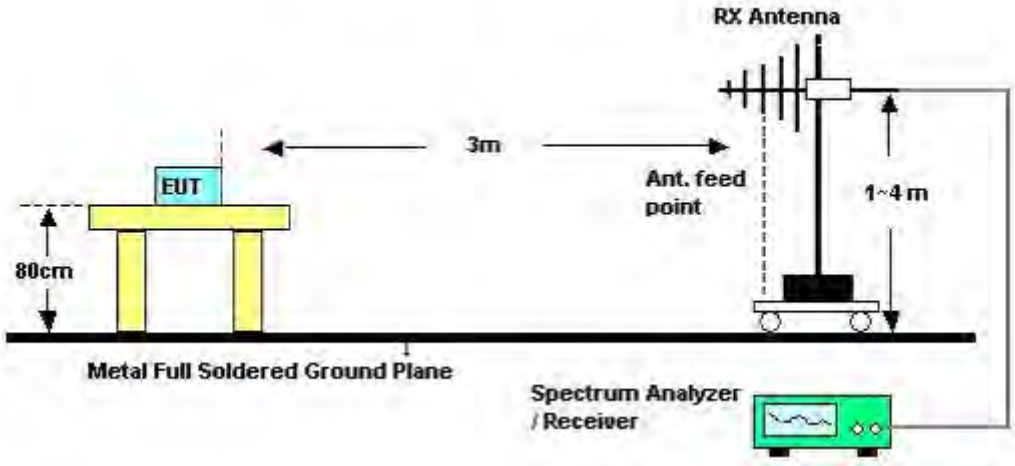
3.2.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

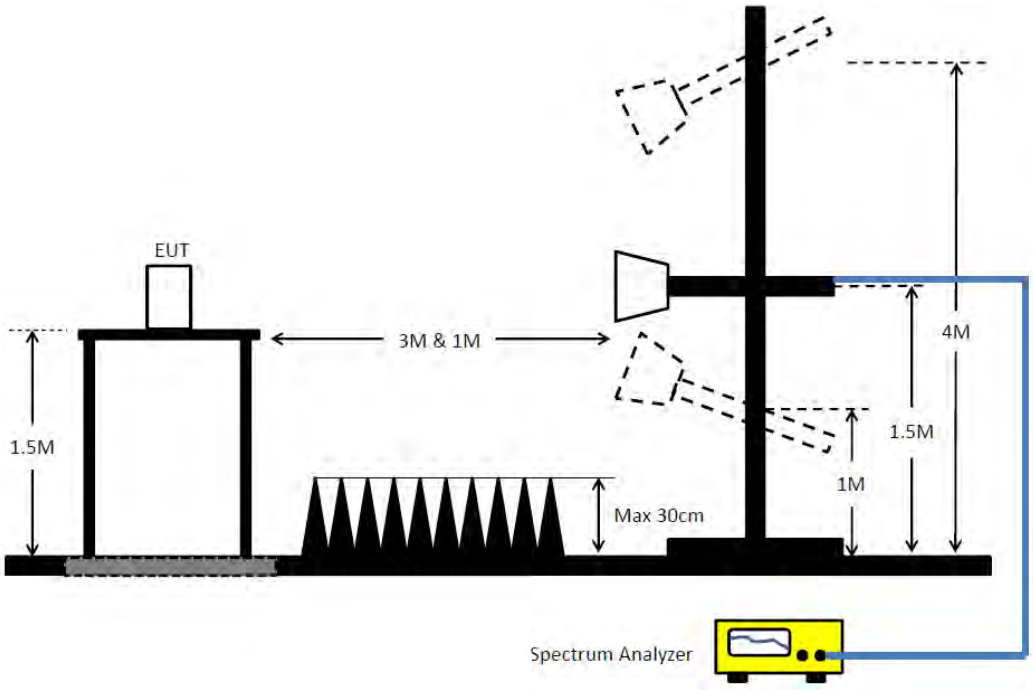
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.2.5 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.

3.2.6 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.

3.2.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix B

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 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)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 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)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)

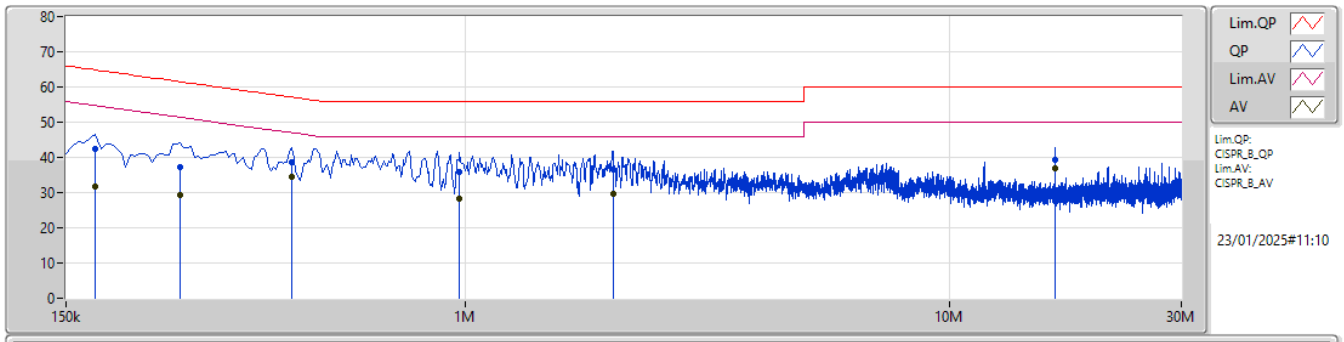
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

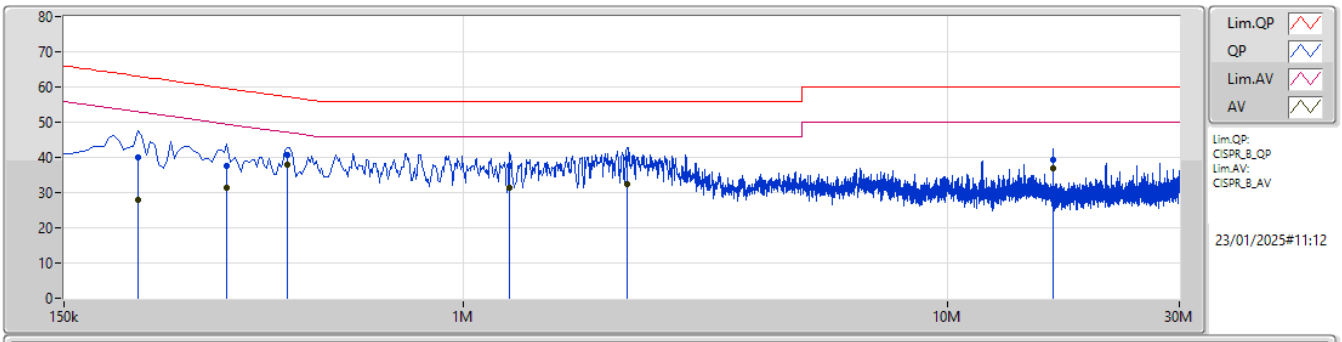
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	433.5k	37.79	47.19	-9.40	Neutral

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	42.48	64.83	-22.35	10.04	Line	-	32.44	0.04	0.07	9.93
AV	172.5k	31.61	54.83	-23.22	10.04	Line	-	21.57	0.04	0.07	9.93
QP	258k	37.40	61.49	-24.09	10.11	Line	-	27.29	0.04	0.08	9.99
AV	258k	29.42	51.49	-22.07	10.11	Line	-	19.31	0.04	0.08	9.99
QP	438k	38.50	57.11	-18.61	10.22	Line	-	28.28	0.05	0.10	10.07
AV	438k	34.52	47.11	-12.59	10.22	Line	"Worst"	24.30	0.05	0.10	10.07
QP	973.5k	35.98	56.00	-20.02	10.32	Line	-	25.66	0.07	0.09	10.16
AV	973.5k	28.28	46.00	-17.72	10.32	Line	-	17.96	0.07	0.09	10.16
QP	2.018M	36.61	56.00	-19.39	10.18	Line	-	26.43	0.09	0.14	9.95
AV	2.018M	29.54	46.00	-16.46	10.18	Line	-	19.36	0.09	0.14	9.95
QP	16.467M	39.16	60.00	-20.84	10.48	Line	-	28.68	0.29	0.26	9.93
AV	16.467M	36.80	50.00	-13.20	10.48	Line	-	26.32	0.29	0.26	9.93

Mode 2

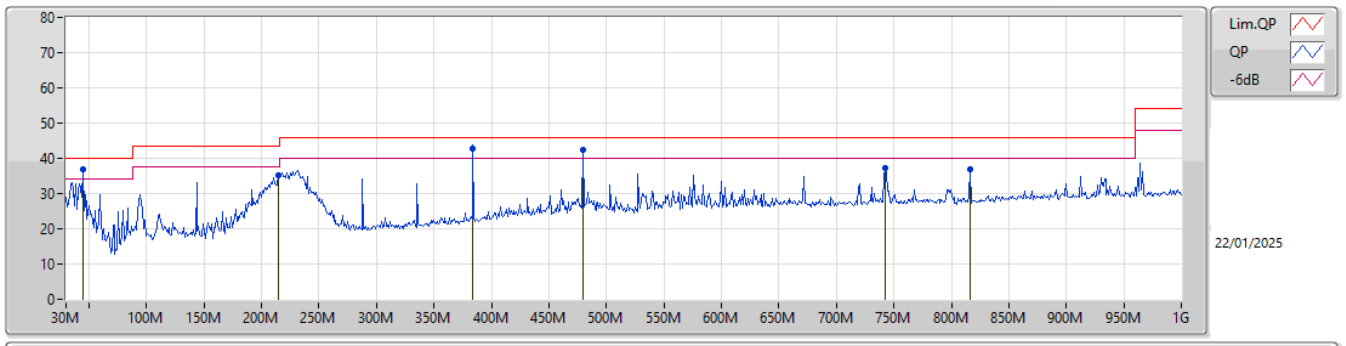


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	213k	39.89	63.09	-23.20	10.09	Neutral	-	29.80	0.06	0.07	9.96
AV	213k	28.10	53.09	-24.99	10.09	Neutral	-	18.01	0.06	0.07	9.96
QP	325.5k	37.55	59.56	-22.01	10.18	Neutral	-	27.37	0.06	0.09	10.03
AV	325.5k	31.26	49.56	-18.30	10.18	Neutral	-	21.08	0.06	0.09	10.03
QP	433.5k	40.59	57.19	-16.60	10.23	Neutral	-	30.36	0.06	0.10	10.07
AV	433.5k	37.79	47.19	-9.40	10.23	Neutral	"Worst"	27.56	0.06	0.10	10.07
QP	1.248M	37.65	56.00	-18.35	10.29	Neutral	-	27.36	0.09	0.11	10.09
AV	1.248M	31.26	46.00	-14.74	10.29	Neutral	-	20.97	0.09	0.11	10.09
QP	2.18M	39.80	56.00	-16.20	10.18	Neutral	-	29.62	0.10	0.14	9.94
AV	2.18M	32.56	46.00	-13.44	10.18	Neutral	-	22.38	0.10	0.14	9.94
QP	16.467M	39.26	60.00	-20.74	10.47	Neutral	-	28.79	0.28	0.26	9.93
AV	16.467M	36.91	50.00	-13.09	10.47	Neutral	-	26.44	0.28	0.26	9.93

Summary

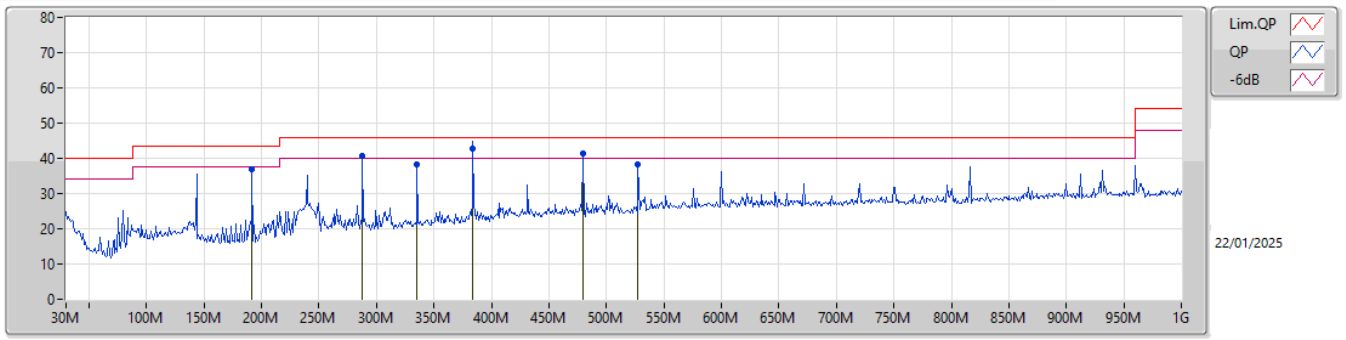
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	384.05M	42.87	46.00	-3.13	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	44.55M	36.76	40.00	-3.24	-13.86	3	Vertical	360	1.00	-	50.62	16.63	1.11	31.60
PK	214.3M	35.14	43.50	-8.36	-14.70	3	Vertical	360	1.00	-	49.84	14.87	2.21	31.78
QP	384.05M	42.87	46.00	-3.13	-8.10	3	Vertical	154	1.25	"Worst"	50.97	20.86	3.01	31.97
PK	480.08M	42.38	46.00	-3.62	-5.57	3	Vertical	136	1.00	-	47.95	23.15	3.36	32.08
PK	742.95M	37.23	46.00	-8.77	-2.68	3	Vertical	297	1.00	-	39.91	25.47	4.21	32.36
PK	816.67M	36.96	46.00	-9.04	-2.25	3	Vertical	257	1.25	-	39.21	25.65	4.43	32.33

Mode 1



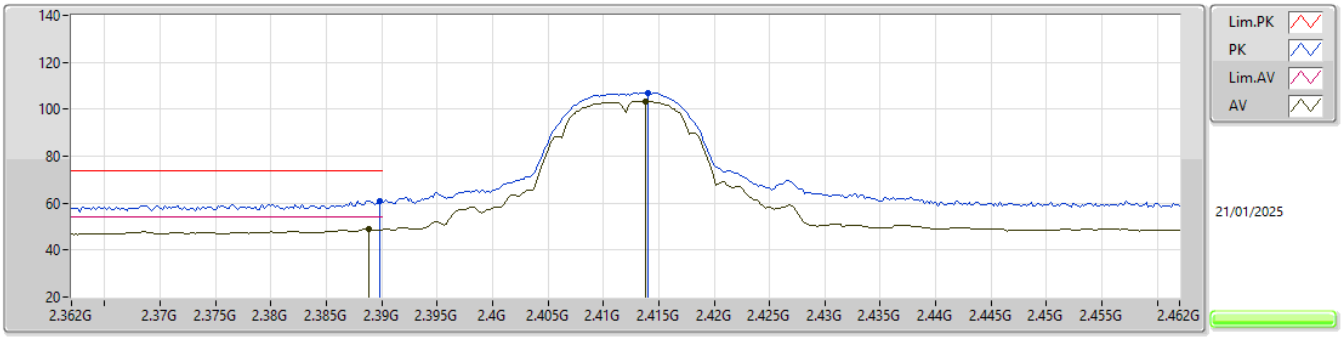
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	191.99M	37.02	43.50	-6.48	-14.72	3	Horizontal	228	1.25	-	51.74	14.96	2.09	31.77
PK	288.02M	40.81	46.00	-5.19	-10.40	3	Horizontal	198	1.00	-	51.21	18.86	2.58	31.84
PK	335.55M	38.37	46.00	-7.63	-9.30	3	Horizontal	167	1.00	-	47.67	19.80	2.80	31.90
QP	384.05M	42.75	46.00	-3.25	-8.10	3	Horizontal	155	1.00	"Worst"	50.85	20.86	3.01	31.97
PK	480.08M	41.28	46.00	-4.72	-5.57	3	Horizontal	100	2.00	-	46.85	23.15	3.36	32.08
PK	527.61M	38.25	46.00	-7.75	-5.30	3	Horizontal	103	1.50	-	43.55	23.33	3.51	32.14

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	2.3894G	52.93	54.00	-1.07	3	Horizontal	342.1	2.75	-

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

2412MHz_TX

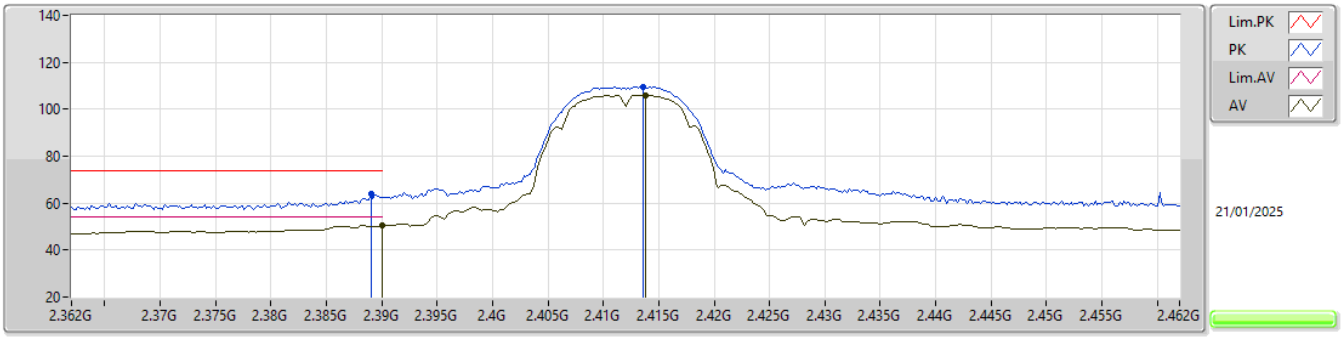


EUT Y_1TX
Setting 21
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	60.84	74.00	-13.16	29.35	3	Vertical	98	1.78	-	27.50	3.99	-
AV	2.3888G	48.81	54.00	-5.19	17.34	3	Vertical	98	1.78	-	27.48	3.99	-
PK	2.414G	106.94	Inf	-Inf	75.39	3	Vertical	98	1.78	-	27.54	4.01	-
AV	2.4138G	103.29	Inf	-Inf	71.74	3	Vertical	98	1.78	-	27.54	4.01	-

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

2412MHz_TX

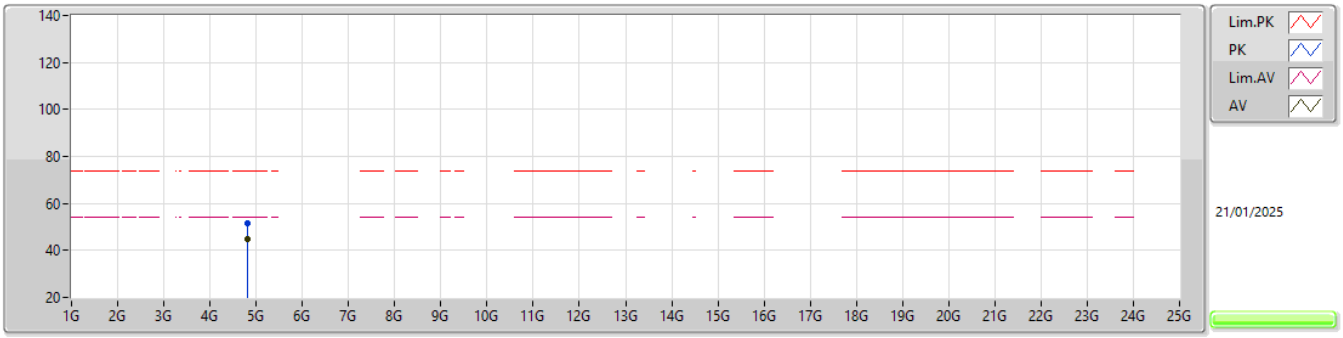


EUT Y_1TX
Setting 21
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	63.78	74.00	-10.22	32.31	3	Horizontal	359	3.00	-	27.48	3.99	-
AV	2.39G	50.32	54.00	-3.68	18.83	3	Horizontal	359	3.00	-	27.50	3.99	-
PK	2.4136G	109.44	Inf	-Inf	77.90	3	Horizontal	359	3.00	-	27.54	4.00	-
AV	2.4138G	105.90	Inf	-Inf	74.35	3	Horizontal	359	3.00	-	27.54	4.01	-

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

2412MHz_TX

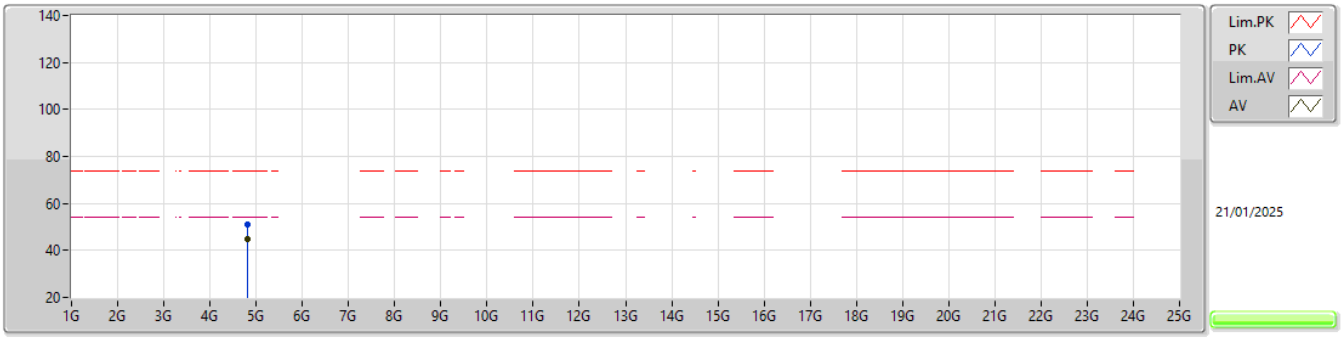


EUT Y_1TX
Setting 21
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81392G	51.34	74.00	-22.66	46.43	3	Vertical	136	1.60	-	32.63	7.89	35.61
AV	4.81002G	44.75	54.00	-9.25	39.85	3	Vertical	136	1.60	-	32.62	7.89	35.61

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

2412MHz_TX

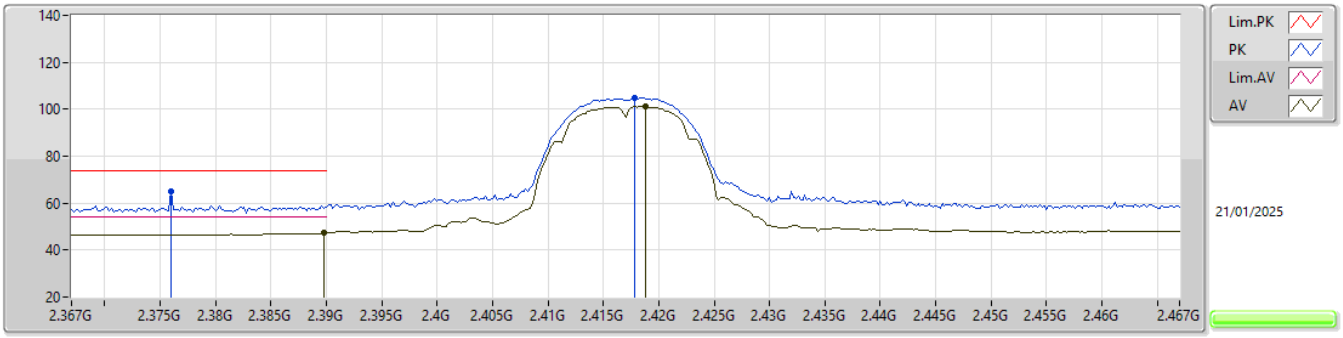


EUT Y_1TX
Setting 21
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81386G	51.29	74.00	-22.71	46.38	3	Horizontal	269	1.13	-	32.63	7.89	35.61
AV	4.81218G	44.76	54.00	-9.24	39.86	3	Horizontal	269	1.13	-	32.62	7.89	35.61

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

2417MHz_TX

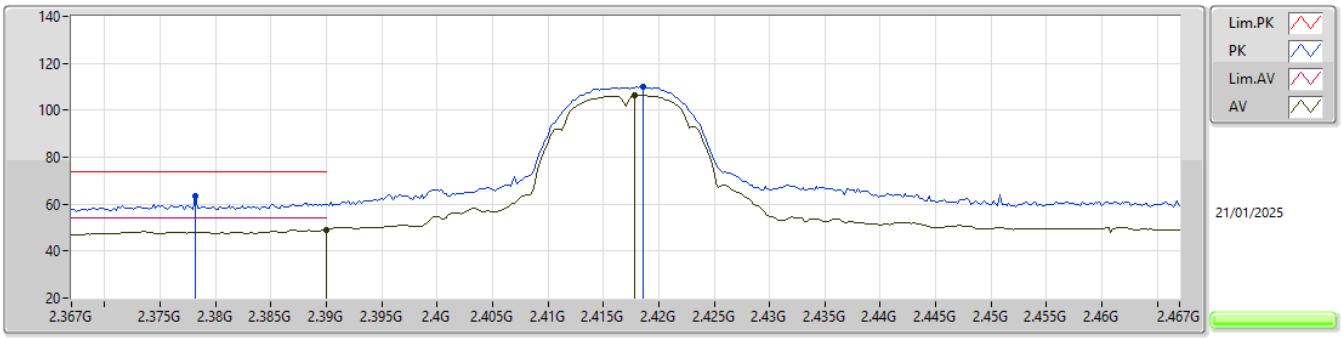


EUT Y_1TX
Setting 21
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.376G	65.12	74.00	-8.88	33.83	3	Vertical	359.9	2.68	-	27.30	3.99	-
AV	2.3898G	47.30	54.00	-6.70	15.81	3	Vertical	359.9	2.68	-	27.50	3.99	-
PK	2.4178G	104.76	Inf	-Inf	73.17	3	Vertical	359.9	2.68	-	27.58	4.01	-
AV	2.4188G	101.08	Inf	-Inf	69.48	3	Vertical	359.9	2.68	-	27.59	4.01	-

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

2417MHz_TX

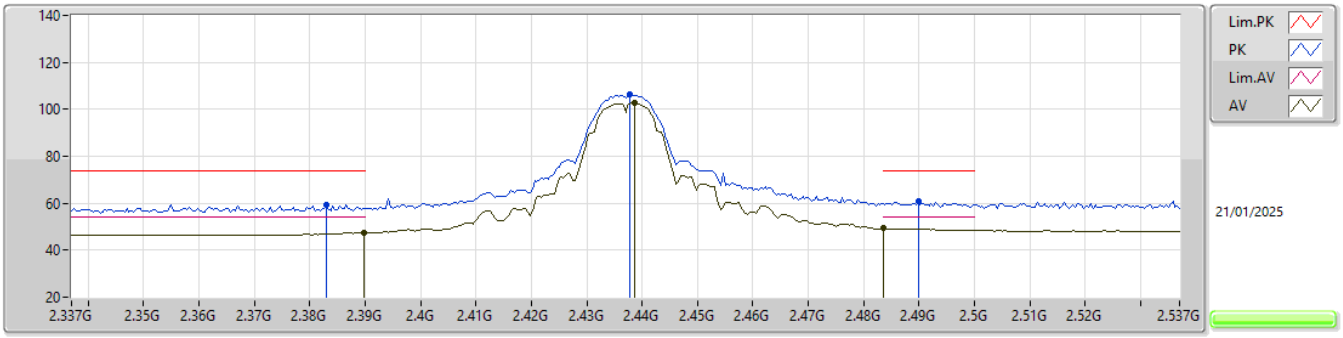


EUT Y_1TX
Setting 21
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3782G	63.44	74.00	-10.56	32.15	3	Horizontal	350	2.95	-	27.30	3.99	-
AV	2.39G	49.04	54.00	-4.96	17.55	3	Horizontal	350	2.95	-	27.50	3.99	-
PK	2.4186G	109.97	Inf	-Inf	78.37	3	Horizontal	350	2.95	-	27.59	4.01	-
AV	2.4178G	106.25	Inf	-Inf	74.66	3	Horizontal	350	2.95	-	27.58	4.01	-

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

2437MHz_TX

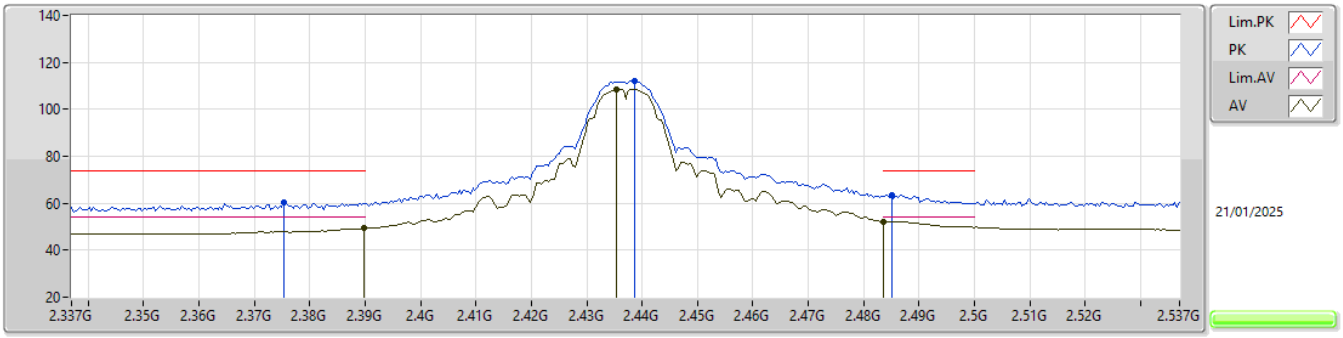


EUT Y_1TX
Setting 23
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.383G	59.23	74.00	-14.77	27.88	3	Vertical	348	1.90	-	27.36	3.99	-
AV	2.3898G	47.30	54.00	-6.70	15.81	3	Vertical	348	1.90	-	27.50	3.99	-
PK	2.4378G	106.14	Inf	-Inf	74.41	3	Vertical	348	1.90	-	27.70	4.03	-
AV	2.4386G	102.80	Inf	-Inf	71.07	3	Vertical	348	1.90	-	27.70	4.03	-
PK	2.4898G	60.75	74.00	-13.25	28.66	3	Vertical	348	1.90	-	28.00	4.09	-
AV	2.4835G	49.24	54.00	-4.76	17.22	3	Vertical	348	1.90	-	27.94	4.08	-

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

2437MHz_TX

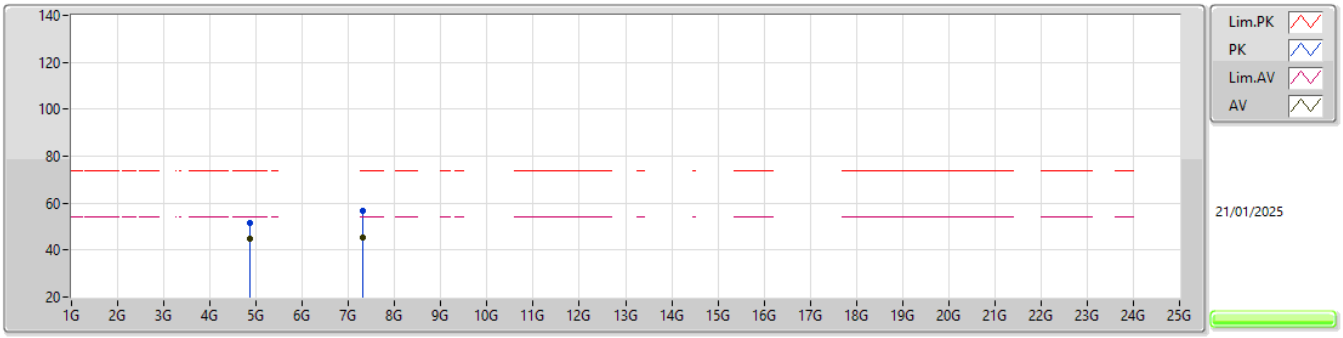


EUT Y_1TX
Setting 23
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3754G	60.38	74.00	-13.62	29.09	3	Horizontal	360	2.95	-	27.30	3.99	-
AV	2.3898G	49.23	54.00	-4.77	17.74	3	Horizontal	360	2.95	-	27.50	3.99	-
PK	2.4386G	111.87	Inf	-Inf	80.14	3	Horizontal	360	2.95	-	27.70	4.03	-
AV	2.4354G	108.56	Inf	-Inf	76.83	3	Horizontal	360	2.95	-	27.70	4.03	-
PK	2.485G	63.67	74.00	-10.33	31.64	3	Horizontal	360	2.95	-	27.95	4.08	-
AV	2.4835G	52.22	54.00	-1.78	20.20	3	Horizontal	360	2.95	-	27.94	4.08	-

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

2437MHz_TX

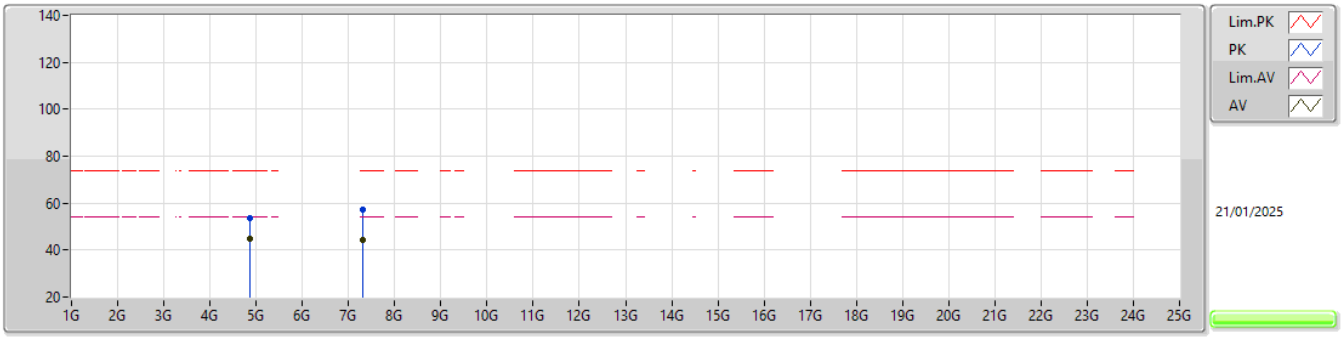


EUT Y_1TX
Setting 23
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87492G	51.57	74.00	-22.43	46.44	3	Vertical	8	1.18	-	32.80	7.92	35.59
AV	4.87464G	45.08	54.00	-8.92	39.95	3	Vertical	8	1.18	-	32.80	7.92	35.59
PK	7.31016G	56.88	74.00	-17.12	45.23	3	Vertical	72	1.37	-	37.06	9.37	34.78
AV	7.31003G	45.41	54.00	-8.59	33.76	3	Vertical	72	1.37	-	37.06	9.37	34.78

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

2437MHz_TX

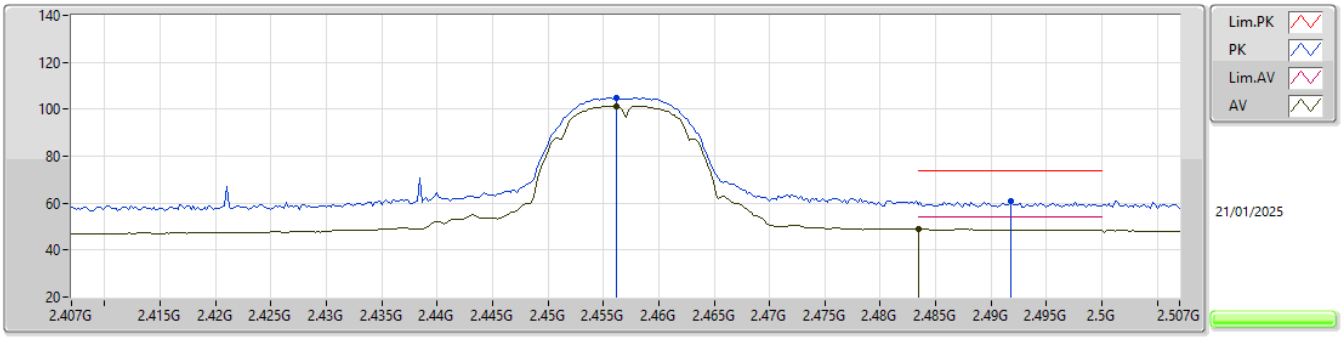


EUT Y_1TX
Setting 23
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87435G	53.58	74.00	-20.42	48.45	3	Horizontal	20	2.24	-	32.80	7.92	35.59
AV	4.87376G	45.01	54.00	-8.99	39.88	3	Horizontal	20	2.24	-	32.80	7.92	35.59
PK	7.31096G	57.11	74.00	-16.89	45.45	3	Horizontal	30	2.91	-	37.06	9.37	34.77
AV	7.31054G	44.42	54.00	-9.58	32.76	3	Horizontal	30	2.91	-	37.06	9.37	34.77

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

2457MHz_TX

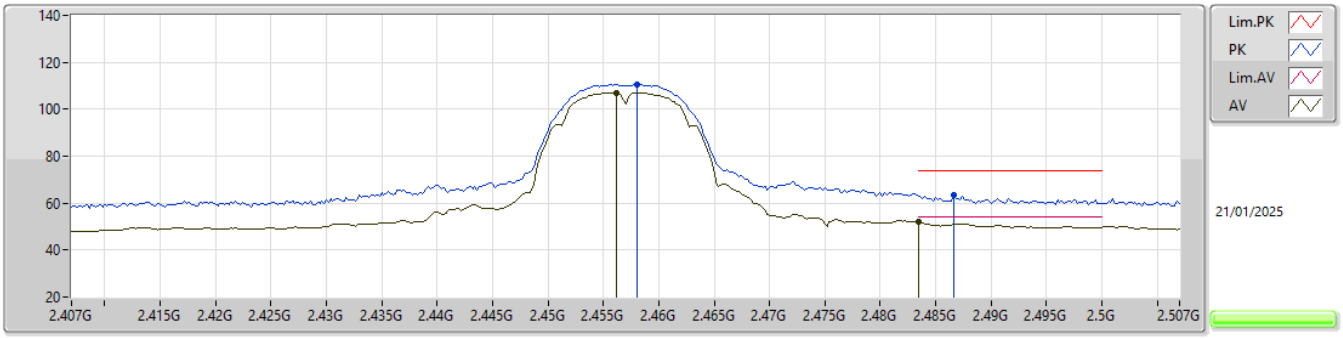


EUT Y_1TX
Setting 21
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4562G	104.97	Inf	-Inf	73.22	3	Vertical	360	1.86	-	27.70	4.05	-
AV	2.4562G	101.21	Inf	-Inf	69.46	3	Vertical	360	1.86	-	27.70	4.05	-
PK	2.4918G	61.10	74.00	-12.90	29.01	3	Vertical	360	1.86	-	28.00	4.09	-
AV	2.4835G	49.01	54.00	-4.99	16.99	3	Vertical	360	1.86	-	27.94	4.08	-

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

2457MHz_TX

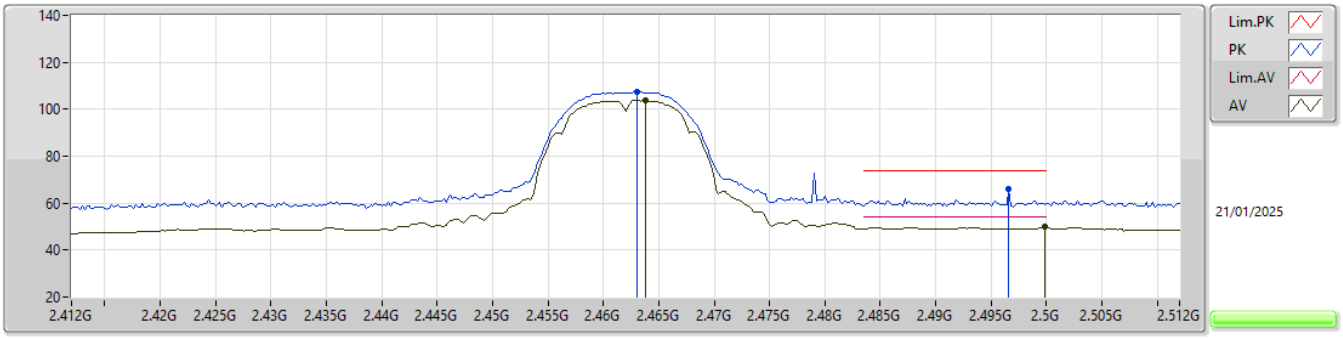


EUT Y_1TX
Setting 21
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.458G	110.54	Inf	-Inf	78.79	3	Horizontal	349	2.90	-	27.70	4.05	-
AV	2.4562G	106.90	Inf	-Inf	75.15	3	Horizontal	349	2.90	-	27.70	4.05	-
PK	2.4866G	63.40	74.00	-10.60	31.34	3	Horizontal	349	2.90	-	27.97	4.09	-
AV	2.4835G	51.90	54.00	-2.10	19.88	3	Horizontal	349	2.90	-	27.94	4.08	-

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

2462MHz_TX

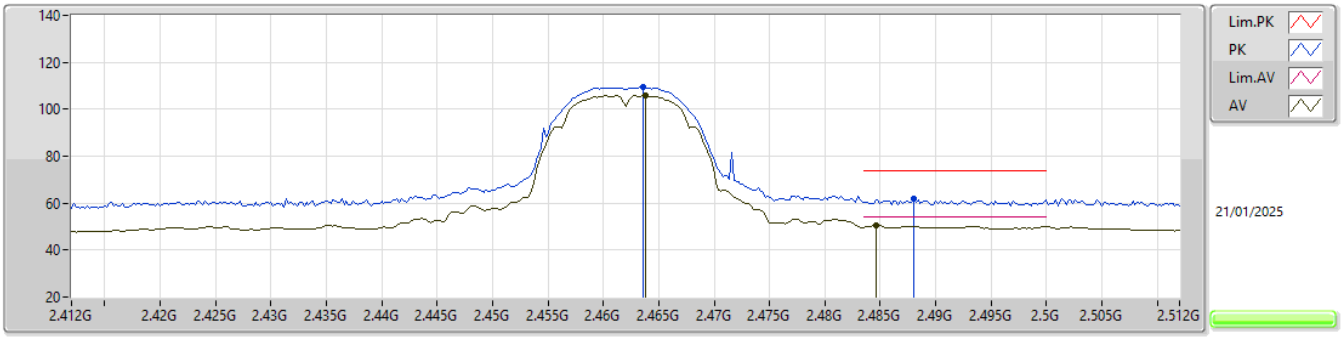


EUT Y_1TX
Setting 20
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	107.33	Inf	-Inf	75.54	3	Vertical	112	2.46	-	27.73	4.06	-
AV	2.4638G	103.68	Inf	-Inf	71.88	3	Vertical	112	2.46	-	27.74	4.06	-
PK	2.4966G	66.20	74.00	-7.80	34.10	3	Vertical	112	2.46	-	28.00	4.10	-
AV	2.4998G	49.77	54.00	-4.23	17.67	3	Vertical	112	2.46	-	28.00	4.10	-

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

2462MHz_TX

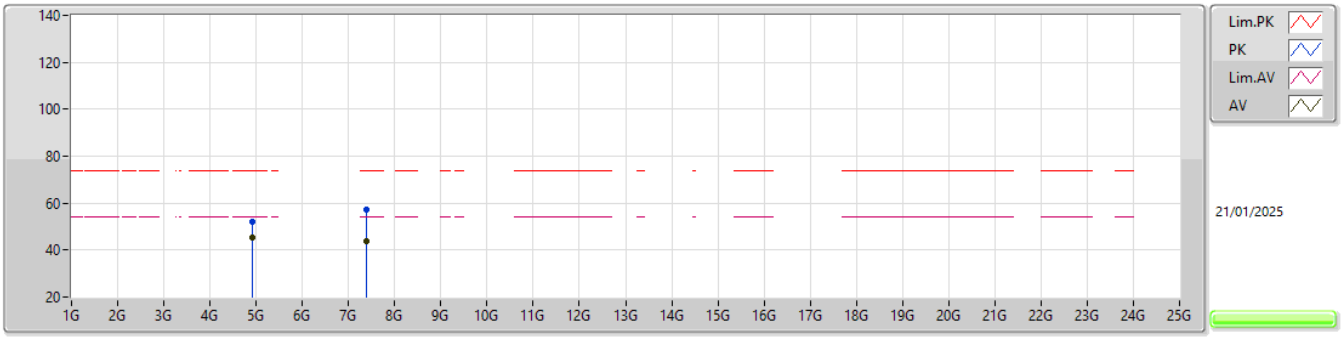


EUT Y_1TX
Setting 20
05-L-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4636G	109.37	Inf	-Inf	77.57	3	Horizontal	348	2.90	-	27.74	4.06	-
AV	2.4638G	105.66	Inf	-Inf	73.86	3	Horizontal	348	2.90	-	27.74	4.06	-
PK	2.488G	61.94	74.00	-12.06	29.87	3	Horizontal	348	2.90	-	27.98	4.09	-
AV	2.4846G	50.49	54.00	-3.51	18.46	3	Horizontal	348	2.90	-	27.95	4.08	-

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

2462MHz_TX

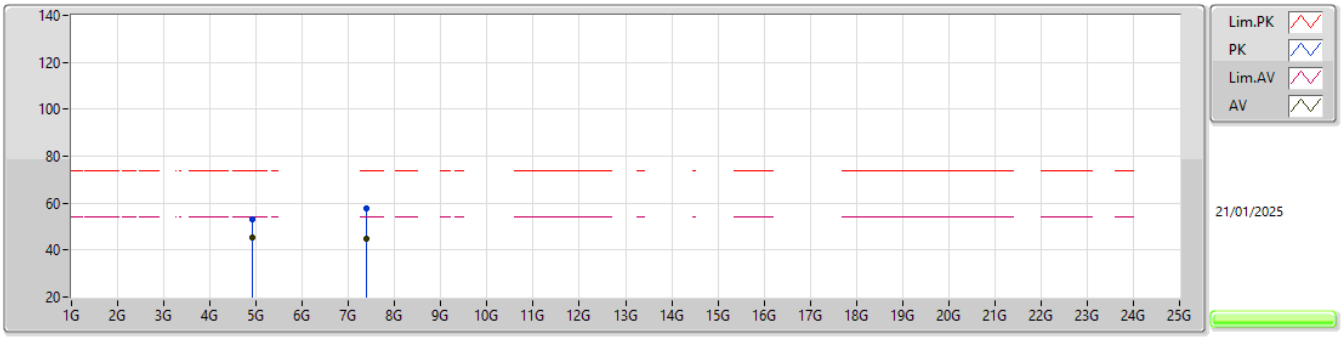


EUT Y_1TX
Setting 20
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9232G	52.26	74.00	-21.74	46.86	3	Vertical	256	2.32	-	33.04	7.94	35.58
AV	4.92312G	45.24	54.00	-8.76	39.84	3	Vertical	256	2.32	-	33.04	7.94	35.58
PK	7.38664G	57.32	74.00	-16.68	45.86	3	Vertical	120	1.84	-	36.68	9.42	34.64
AV	7.38503G	44.05	54.00	-9.95	32.58	3	Vertical	120	1.84	-	36.69	9.42	34.64

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

2462MHz_TX

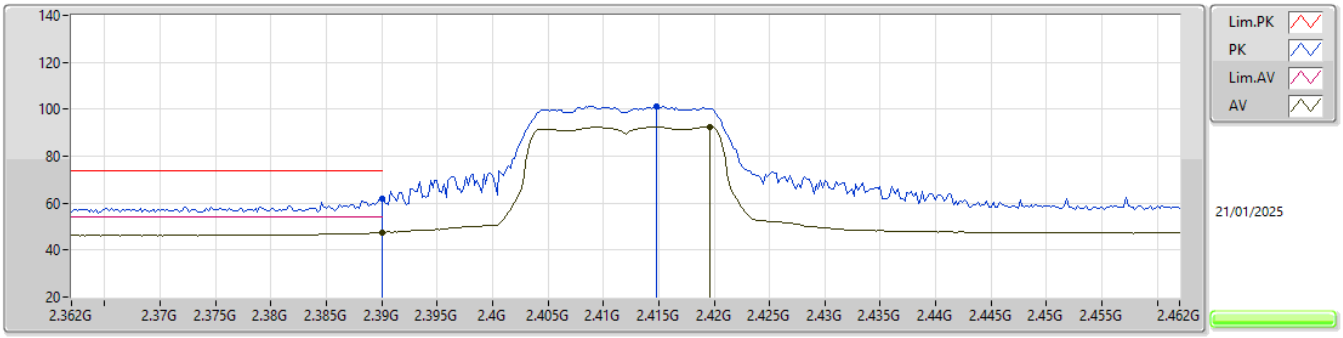


EUT Y_1TX
Setting 20
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92464G	53.14	74.00	-20.86	47.73	3	Horizontal	151	1.48	-	33.05	7.94	35.58
AV	4.9233G	45.32	54.00	-8.68	39.92	3	Horizontal	151	1.48	-	33.04	7.94	35.58
PK	7.38547G	57.62	74.00	-16.38	46.15	3	Horizontal	219	1.26	-	36.69	9.42	34.64
AV	7.38508G	45.05	54.00	-8.95	33.58	3	Horizontal	219	1.26	-	36.69	9.42	34.64

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

2412MHz_TX

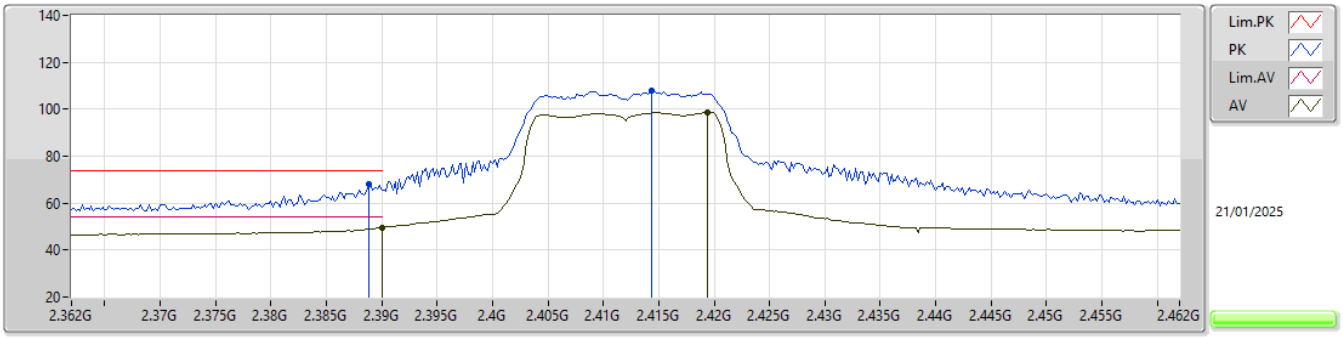


EUT Y_1TX
Setting 17
05-L-J-8

Type	Freq	Level	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	62.15	74.00	-11.85	30.66	3	Vertical	347	2.00	-	27.50	3.99	-
AV	2.39G	47.54	54.00	-6.46	16.05	3	Vertical	347	2.00	-	27.50	3.99	-
PK	2.4148G	101.46	Inf	-Inf	69.90	3	Vertical	347	2.00	-	27.55	4.01	-
AV	2.4196G	92.60	Inf	-Inf	60.99	3	Vertical	347	2.00	-	27.60	4.01	-

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

2412MHz_TX

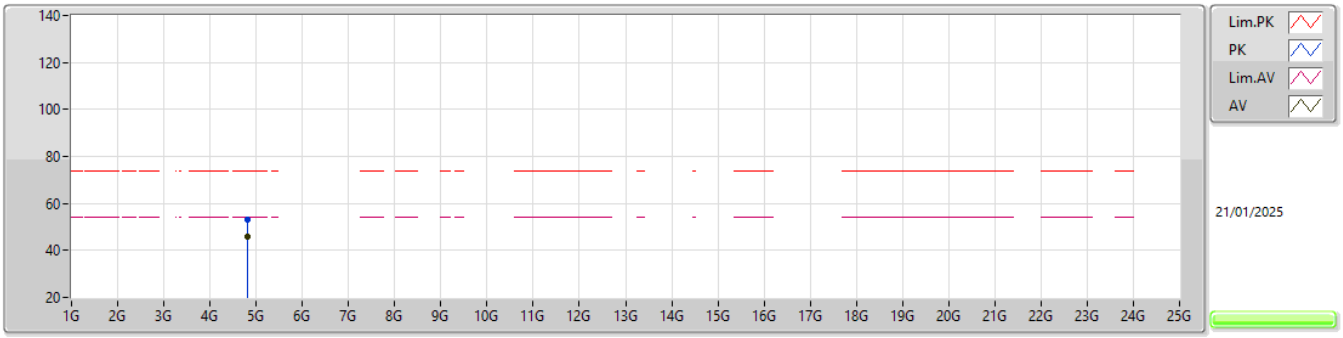


EUT Y_1TX
Setting 17
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	68.08	74.00	-5.92	36.61	3	Horizontal	348	2.90	-	27.48	3.99	-
AV	2.39G	49.43	54.00	-4.57	17.94	3	Horizontal	348	2.90	-	27.50	3.99	-
PK	2.4144G	108.15	Inf	-Inf	76.60	3	Horizontal	348	2.90	-	27.54	4.01	-
AV	2.4194G	98.66	Inf	-Inf	67.06	3	Horizontal	348	2.90	-	27.59	4.01	-

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

2412MHz_TX

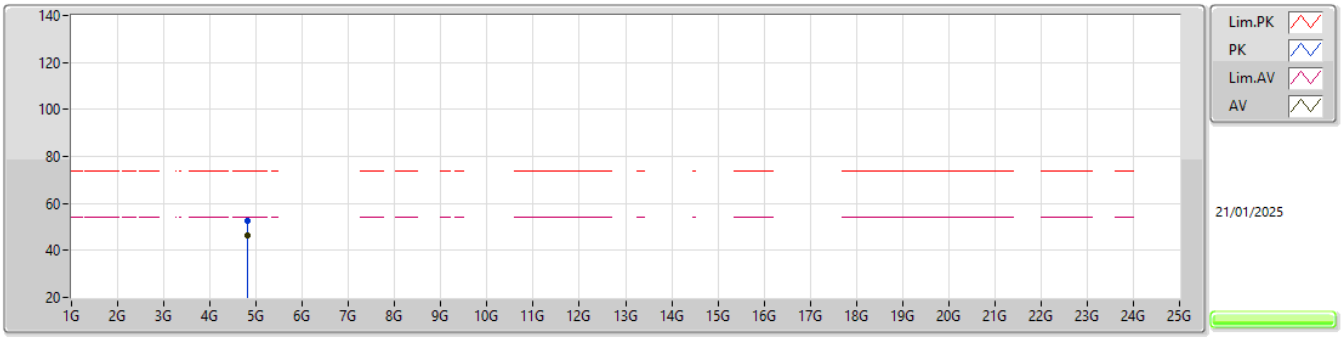


EUT Y_1TX
Setting 17
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82322G	53.18	74.00	-20.82	48.25	3	Vertical	324	2.44	-	32.65	7.89	35.61
AV	4.82306G	45.65	54.00	-8.35	40.72	3	Vertical	324	2.44	-	32.65	7.89	35.61

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

2412MHz_TX

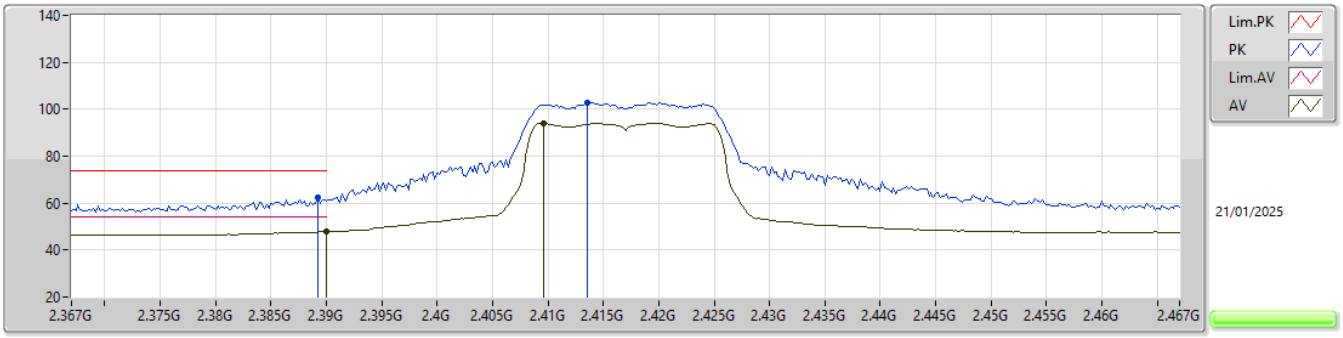


EUT Y_1TX
Setting 17
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82352G	52.83	74.00	-21.17	47.90	3	Horizontal	268	1.75	-	32.65	7.89	35.61
AV	4.82348G	46.58	54.00	-7.42	41.65	3	Horizontal	268	1.75	-	32.65	7.89	35.61

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

2417MHz_TX

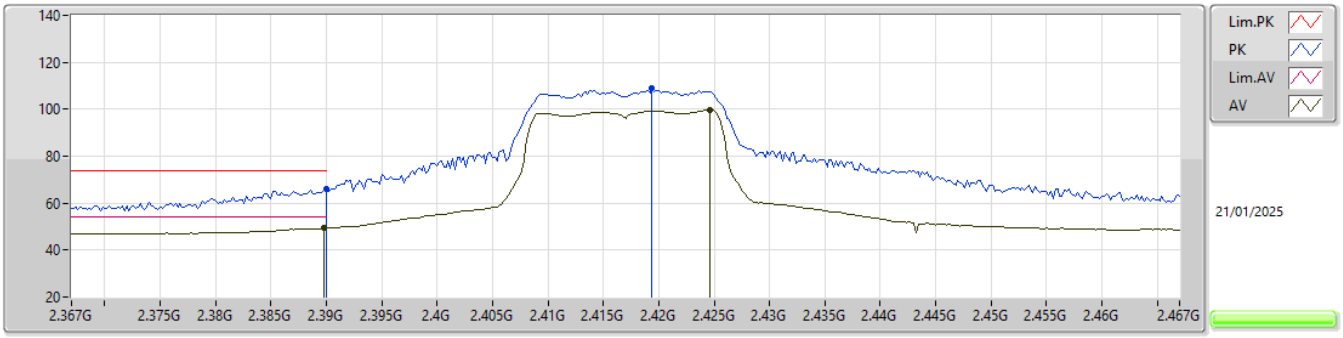


EUT Y_1TX
Setting 18
05-L-J-8

Type	Freq	Level	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	62.59	74.00	-11.41	31.12	3	Vertical	314	1.99	-	27.48	3.99	-
AV	2.39G	47.77	54.00	-6.23	16.28	3	Vertical	314	1.99	-	27.50	3.99	-
PK	2.4136G	102.82	Inf	-Inf	71.28	3	Vertical	314	1.99	-	27.54	4.00	-
AV	2.4096G	93.92	Inf	-Inf	62.42	3	Vertical	314	1.99	-	27.50	4.00	-

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

2417MHz_TX

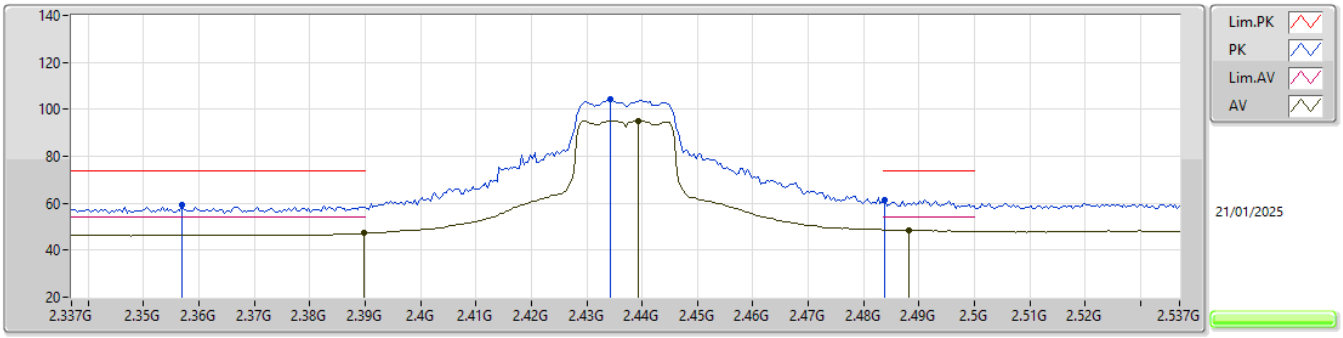


EUT Y_1TX
Setting 18
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	66.26	74.00	-7.74	34.77	3	Horizontal	359	2.95	-	27.50	3.99	-
AV	2.3898G	49.42	54.00	-4.58	17.93	3	Horizontal	359	2.95	-	27.50	3.99	-
PK	2.4194G	108.99	Inf	-Inf	77.39	3	Horizontal	359	2.95	-	27.59	4.01	-
AV	2.4246G	99.65	Inf	-Inf	67.98	3	Horizontal	359	2.95	-	27.65	4.02	-

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

2437MHz_TX

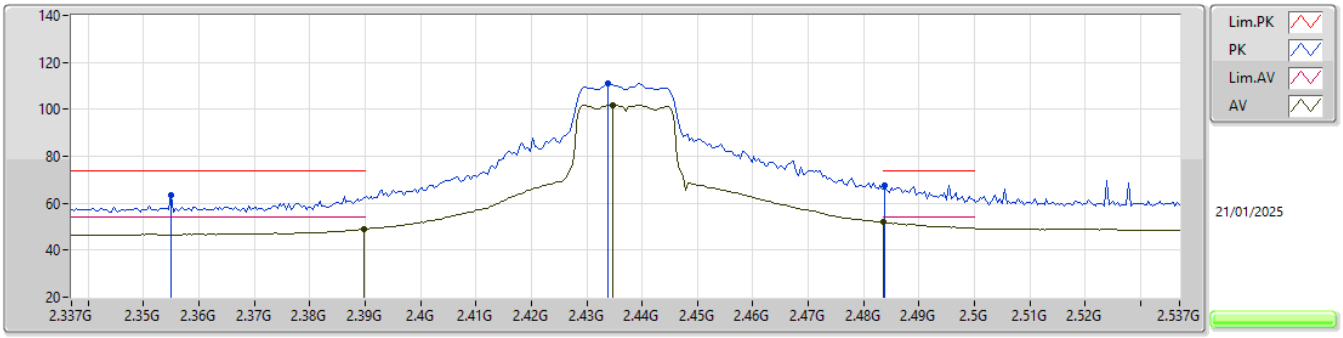


EUT Y_1TX
Setting 21
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.357G	59.47	74.00	-14.53	28.08	3	Vertical	315	1.95	-	27.40	3.99	-
AV	2.3898G	47.30	54.00	-6.70	15.81	3	Vertical	315	1.95	-	27.50	3.99	-
PK	2.4342G	104.36	Inf	-Inf	72.63	3	Vertical	315	1.95	-	27.70	4.03	-
AV	2.4394G	95.11	Inf	-Inf	63.38	3	Vertical	315	1.95	-	27.70	4.03	-
PK	2.4838G	61.30	74.00	-12.70	29.28	3	Vertical	315	1.95	-	27.94	4.08	-
AV	2.4882G	48.60	54.00	-5.40	16.53	3	Vertical	315	1.95	-	27.98	4.09	-

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

2437MHz_TX

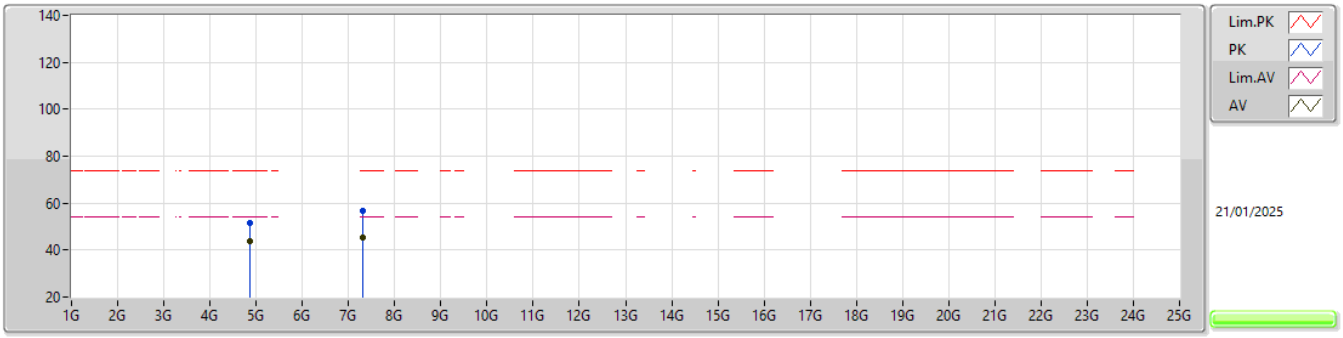


EUT Y_1TX
Setting 21
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.355G	63.64	74.00	-10.36	32.25	3	Horizontal	360	2.95	-	27.40	3.99	-
AV	2.3898G	49.04	54.00	-4.96	17.55	3	Horizontal	360	2.95	-	27.50	3.99	-
PK	2.4338G	111.11	Inf	-Inf	79.38	3	Horizontal	360	2.95	-	27.70	4.03	-
AV	2.4346G	101.78	Inf	-Inf	70.05	3	Horizontal	360	2.95	-	27.70	4.03	-
PK	2.4838G	67.59	74.00	-6.41	35.57	3	Horizontal	360	2.95	-	27.94	4.08	-
AV	2.4835G	51.90	54.00	-2.10	19.88	3	Horizontal	360	2.95	-	27.94	4.08	-

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

2437MHz_TX

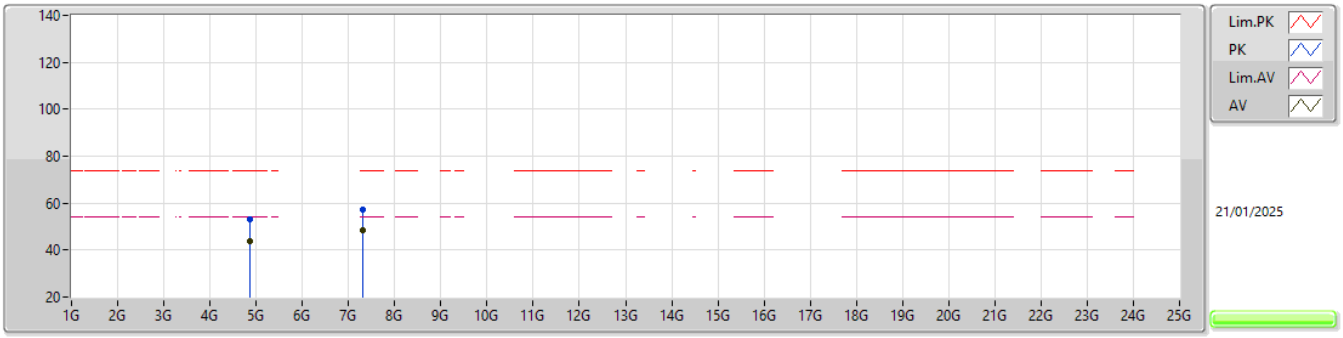


EUT Y_1TX
Setting 21
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87412G	51.60	74.00	-22.40	46.47	3	Vertical	348	2.60	-	32.80	7.92	35.59
AV	4.87316G	43.92	54.00	-10.08	38.80	3	Vertical	348	2.60	-	32.79	7.92	35.59
PK	7.31146G	56.57	74.00	-17.43	44.92	3	Vertical	219	1.53	-	37.05	9.37	34.77
AV	7.31044G	45.24	54.00	-8.76	33.58	3	Vertical	219	1.53	-	37.06	9.37	34.77

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

2437MHz_TX

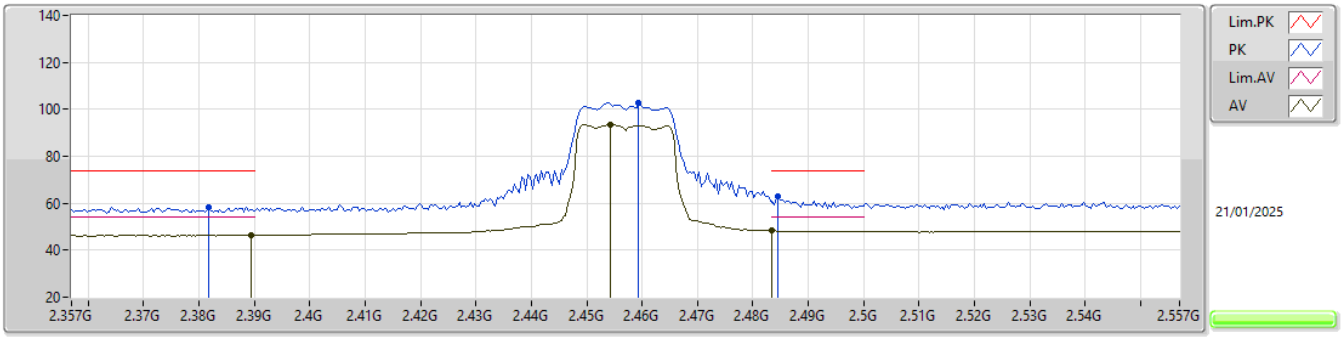


EUT Y_1TX
Setting 21
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87361G	53.22	74.00	-20.78	48.10	3	Horizontal	80	1.29	-	32.79	7.92	35.59
AV	4.87394G	43.93	54.00	-10.07	38.80	3	Horizontal	80	1.29	-	32.80	7.92	35.59
PK	7.31001G	57.11	74.00	-16.89	45.46	3	Horizontal	183	1.88	-	37.06	9.37	34.78
AV	7.31G	48.24	54.00	-5.76	36.59	3	Horizontal	183	1.88	-	37.06	9.37	34.78

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

2457MHz_TX

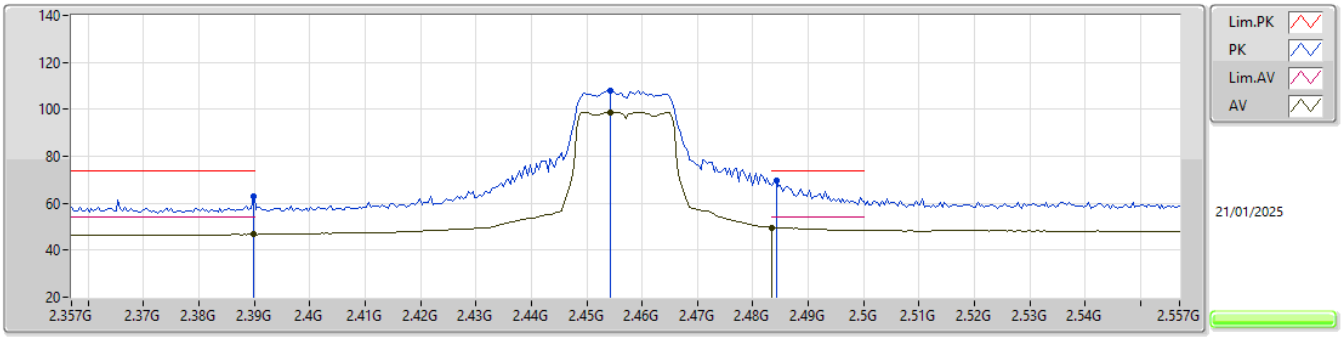


EUT Y_1TX
Setting 17
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3818G	58.53	74.00	-15.47	27.20	3	Vertical	351	1.95	-	27.34	3.99	-
AV	2.3894G	46.53	54.00	-7.47	15.05	3	Vertical	351	1.95	-	27.49	3.99	-
PK	2.4594G	102.83	Inf	-Inf	71.07	3	Vertical	351	1.95	-	27.70	4.06	-
AV	2.4542G	93.39	Inf	-Inf	61.64	3	Vertical	351	1.95	-	27.70	4.05	-
PK	2.4846G	63.06	74.00	-10.94	31.03	3	Vertical	351	1.95	-	27.95	4.08	-
AV	2.4835G	48.30	54.00	-5.70	16.28	3	Vertical	351	1.95	-	27.94	4.08	-

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

2457MHz_TX

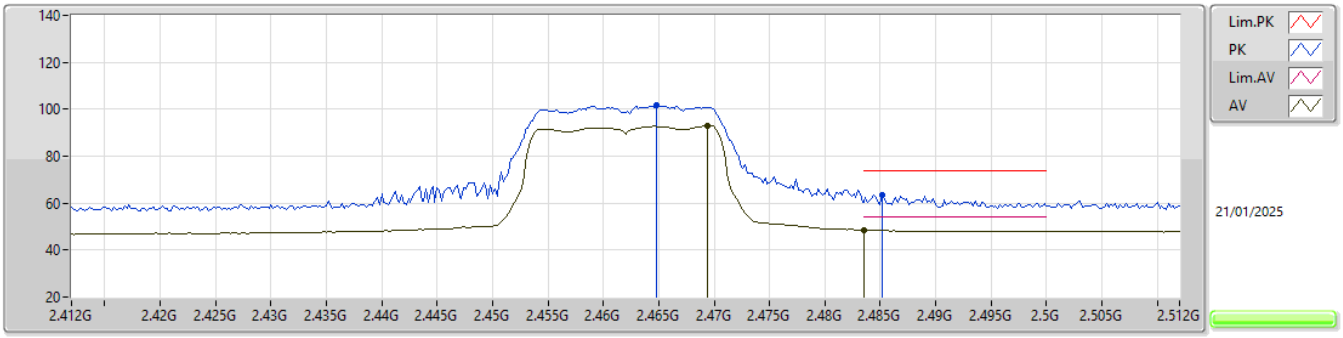


EUT Y_1TX
Setting 17
05-L-J-8

Type	Freq	Level	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	62.98	74.00	-11.02	31.49	3	Horizontal	360.1	2.90	-	27.50	3.99	-
AV	2.3898G	46.80	54.00	-7.20	15.31	3	Horizontal	360.1	2.90	-	27.50	3.99	-
PK	2.4542G	108.18	Inf	-Inf	76.43	3	Horizontal	360.1	2.90	-	27.70	4.05	-
AV	2.4542G	98.82	Inf	-Inf	67.07	3	Horizontal	360.1	2.90	-	27.70	4.05	-
PK	2.4842G	69.91	74.00	-4.09	37.89	3	Horizontal	360.1	2.90	-	27.94	4.08	-
AV	2.4835G	49.67	54.00	-4.33	17.65	3	Horizontal	360.1	2.90	-	27.94	4.08	-

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

2462MHz_TX

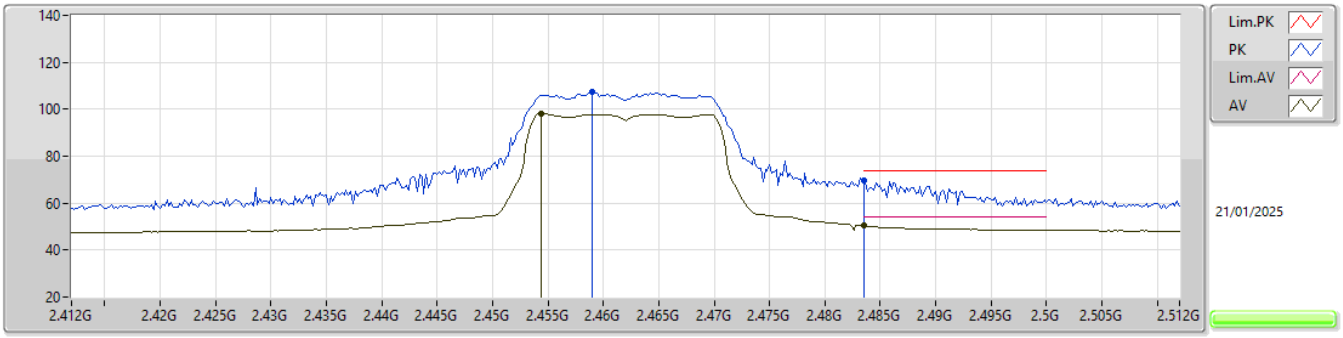


EUT Y_1TX
Setting 16
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4648G	101.51	Inf	-Inf	69.70	3	Vertical	360	2.60	-	27.75	4.06	-
AV	2.4694G	92.83	Inf	-Inf	60.97	3	Vertical	360	2.60	-	27.79	4.07	-
PK	2.4852G	63.50	74.00	-10.50	31.47	3	Vertical	360	2.60	-	27.95	4.08	-
AV	2.4835G	48.54	54.00	-5.46	16.52	3	Vertical	360	2.60	-	27.94	4.08	-

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

2462MHz_TX

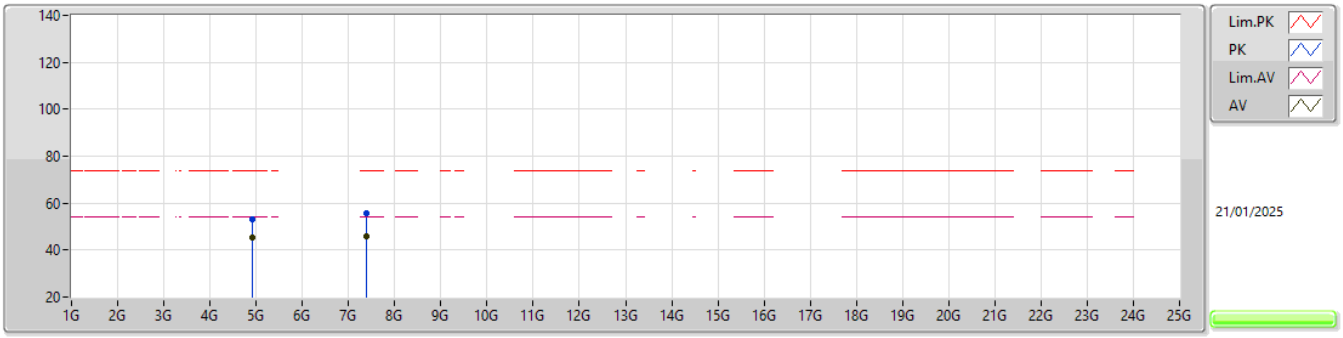


EUT Y_1TX
Setting 16
05-L-J-8

Type	Freq	Level	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	107.19	Inf	-Inf	75.44	3	Horizontal	344	2.90	-	27.70	4.05	-
AV	2.4544G	98.03	Inf	-Inf	66.28	3	Horizontal	344	2.90	-	27.70	4.05	-
PK	2.4835G	69.90	74.00	-4.10	37.88	3	Horizontal	344	2.90	-	27.94	4.08	-
AV	2.4835G	50.28	54.00	-3.72	18.26	3	Horizontal	344	2.90	-	27.94	4.08	-

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

2462MHz_TX

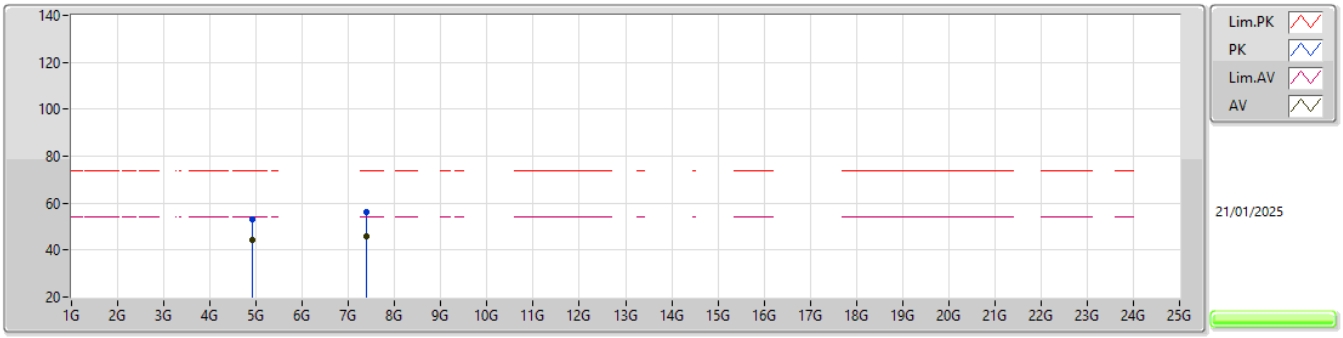


EUT Y_1TX
Setting 16
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9243G	53.14	74.00	-20.86	47.73	3	Vertical	324	2.27	-	33.05	7.94	35.58
AV	4.92458G	45.17	54.00	-8.83	39.76	3	Vertical	324	2.27	-	33.05	7.94	35.58
PK	7.38647G	55.58	74.00	-18.42	44.12	3	Vertical	132	1.36	-	36.68	9.42	34.64
AV	7.38534G	45.98	54.00	-8.02	34.51	3	Vertical	132	1.36	-	36.69	9.42	34.64

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

2462MHz_TX

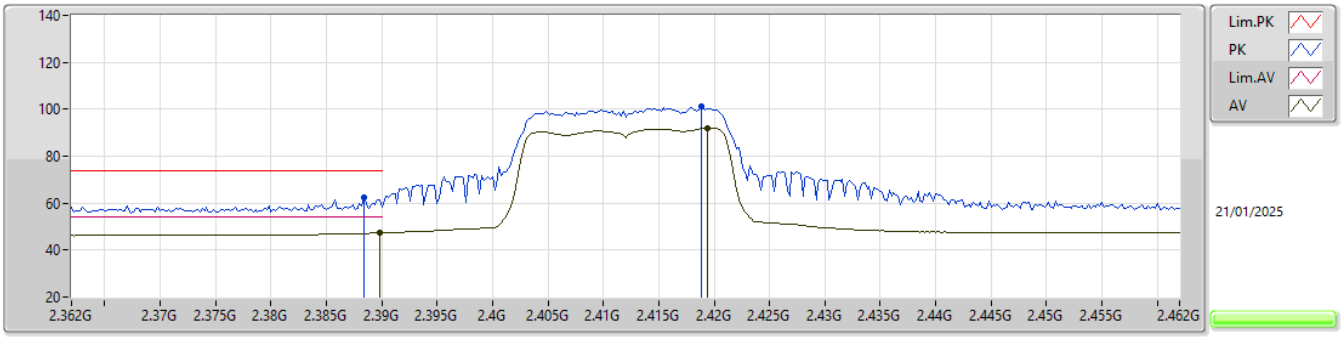


EUT Y_1TX
Setting 16
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92388G	52.90	74.00	-21.10	47.50	3	Horizontal	360	2.22	-	33.04	7.94	35.58
AV	4.92305G	44.10	54.00	-9.90	38.70	3	Horizontal	360	2.22	-	33.04	7.94	35.58
PK	7.38589G	56.43	74.00	-17.57	44.97	3	Horizontal	17	2.40	-	36.68	9.42	34.64
AV	7.38502G	45.97	54.00	-8.03	34.50	3	Horizontal	17	2.40	-	36.69	9.42	34.64

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

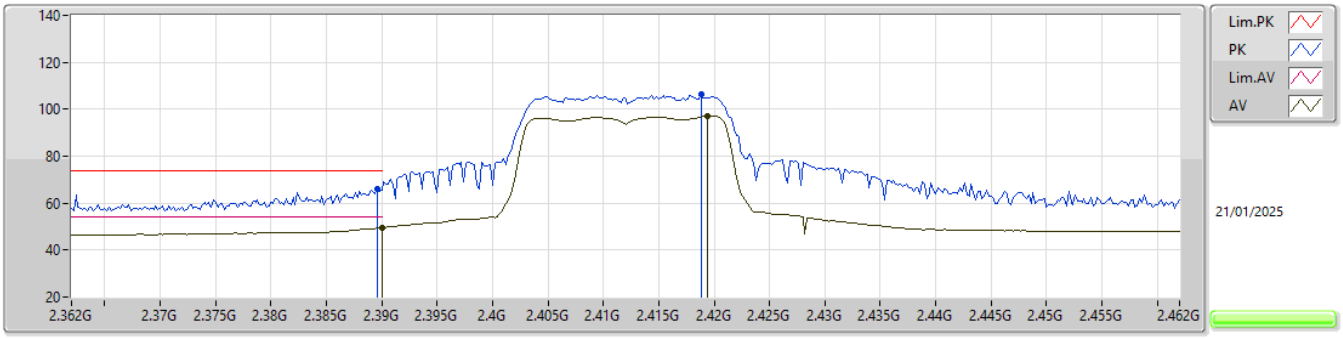


EUT Y_1TX
Setting 16
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3884G	62.41	74.00	-11.59	30.95	3	Vertical	0	2.16	-	27.47	3.99	-
AV	2.3898G	47.30	54.00	-6.70	15.81	3	Vertical	0	2.16	-	27.50	3.99	-
PK	2.4188G	101.40	Inf	-Inf	69.80	3	Vertical	0	2.16	-	27.59	4.01	-
AV	2.4194G	92.10	Inf	-Inf	60.50	3	Vertical	0	2.16	-	27.59	4.01	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

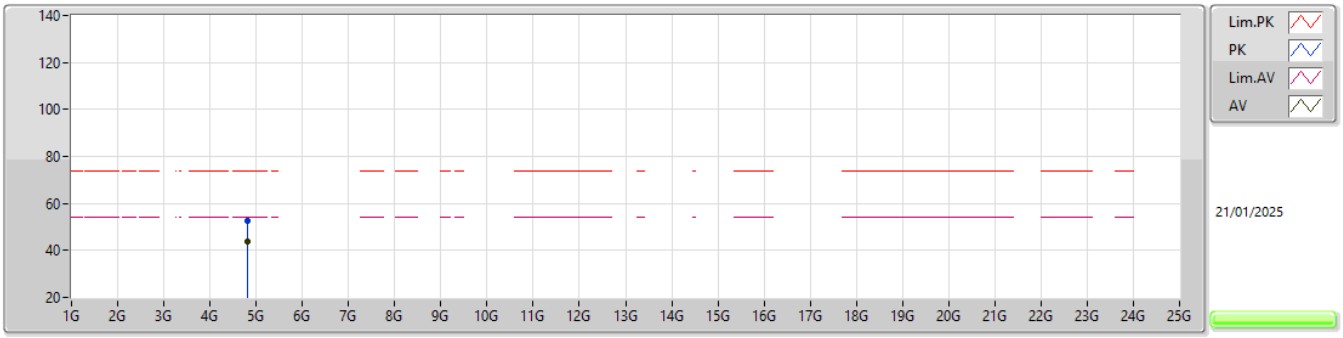


EUT Y_1TX
Setting 16
05-L-J-8

Type	Freq	Level	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	65.81	74.00	-8.19	34.33	3	Horizontal	353	2.66	-	27.49	3.99	-
AV	2.39G	49.61	54.00	-4.39	18.12	3	Horizontal	353	2.66	-	27.50	3.99	-
PK	2.4188G	106.37	Inf	-Inf	74.77	3	Horizontal	353	2.66	-	27.59	4.01	-
AV	2.4194G	97.18	Inf	-Inf	65.58	3	Horizontal	353	2.66	-	27.59	4.01	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

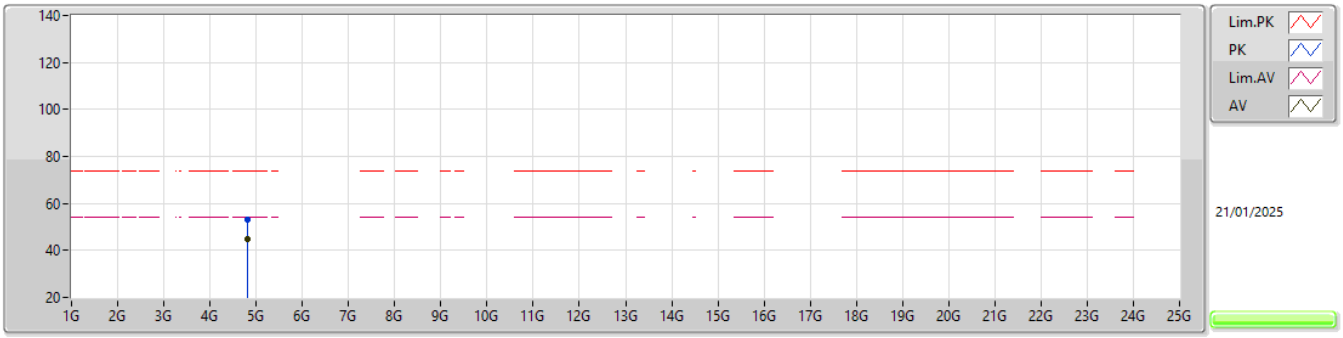


EUT Y_1TX
Setting 16
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82458G	52.34	74.00	-21.66	47.41	3	Vertical	66	1.70	-	32.65	7.89	35.61
AV	4.82364G	43.58	54.00	-10.42	38.65	3	Vertical	66	1.70	-	32.65	7.89	35.61

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2412MHz_TX

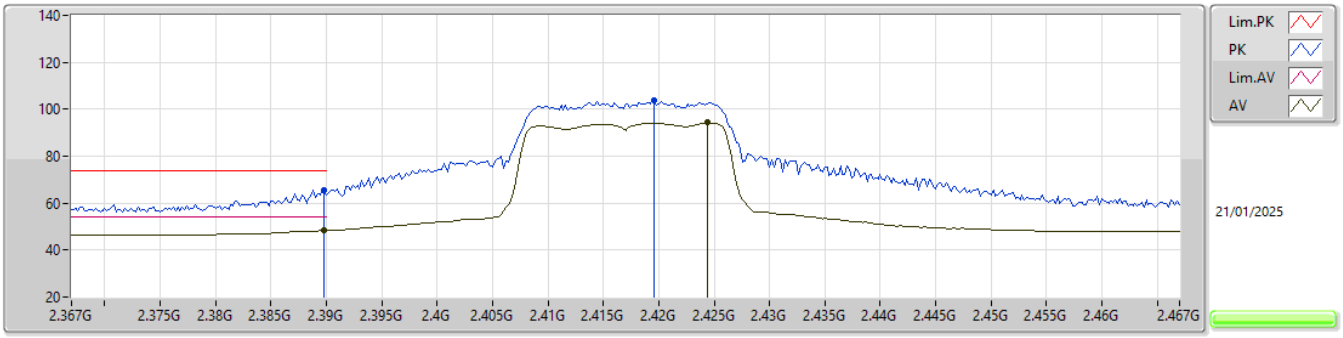


EUT Y_1TX
Setting 16
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82342G	53.12	74.00	-20.88	48.19	3	Horizontal	307	1.78	-	32.65	7.89	35.61
AV	4.823G	44.65	54.00	-9.35	39.72	3	Horizontal	307	1.78	-	32.65	7.89	35.61

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

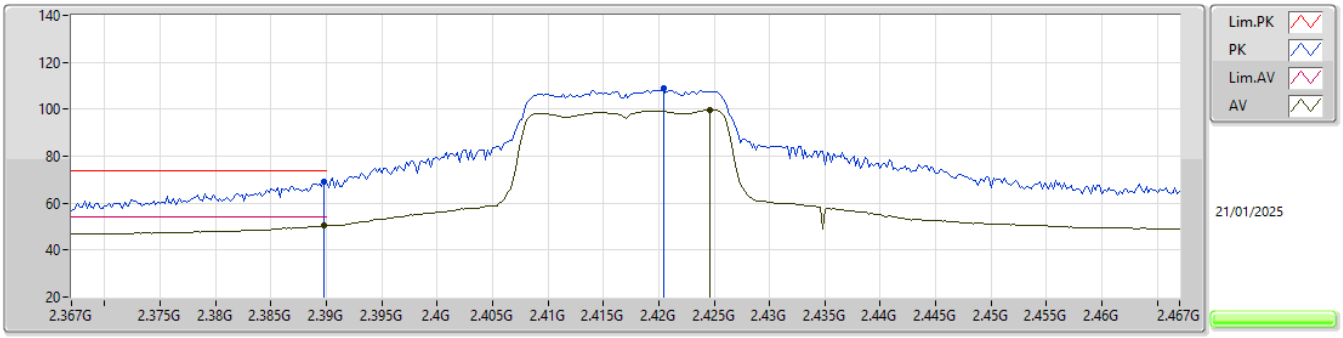


EUT Y_1TX
Setting 18
05-L-J-8

Type	Freq	Level	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	65.73	74.00	-8.27	34.24	3	Vertical	360	2.68	-	27.50	3.99	-
AV	2.3898G	48.21	54.00	-5.79	16.72	3	Vertical	360	2.68	-	27.50	3.99	-
PK	2.4196G	103.87	Inf	-Inf	72.26	3	Vertical	360	2.68	-	27.60	4.01	-
AV	2.4244G	94.24	Inf	-Inf	62.58	3	Vertical	360	2.68	-	27.64	4.02	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2417MHz_TX

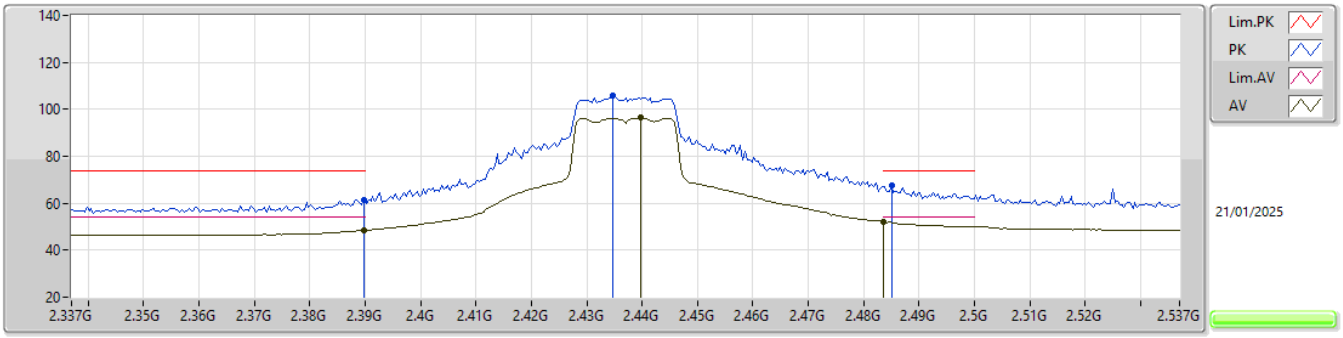


EUT Y_1TX
Setting 18
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	69.39	74.00	-4.61	37.90	3	Horizontal	357	2.93	-	27.50	3.99	-
AV	2.3898G	50.32	54.00	-3.68	18.83	3	Horizontal	357	2.93	-	27.50	3.99	-
PK	2.4204G	108.99	Inf	-Inf	77.38	3	Horizontal	357	2.93	-	27.60	4.01	-
AV	2.4246G	99.72	Inf	-Inf	68.05	3	Horizontal	357	2.93	-	27.65	4.02	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

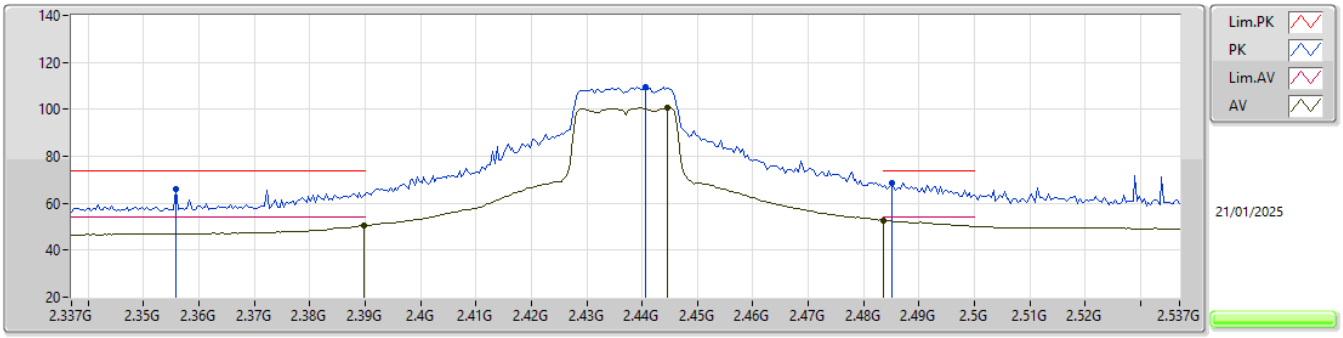


EUT Y_1TX
Setting 21
05-L-J-8

Type	Freq	Level	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	61.62	74.00	-12.38	30.13	3	Vertical	360	2.62	-	27.50	3.99	-
AV	2.3898G	48.43	54.00	-5.57	16.94	3	Vertical	360	2.62	-	27.50	3.99	-
PK	2.4346G	105.83	Inf	-Inf	74.10	3	Vertical	360	2.62	-	27.70	4.03	-
AV	2.4398G	96.38	Inf	-Inf	64.65	3	Vertical	360	2.62	-	27.70	4.03	-
PK	2.485G	67.60	74.00	-6.40	35.57	3	Vertical	360	2.62	-	27.95	4.08	-
AV	2.4835G	52.22	54.00	-1.78	20.20	3	Vertical	360	2.62	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

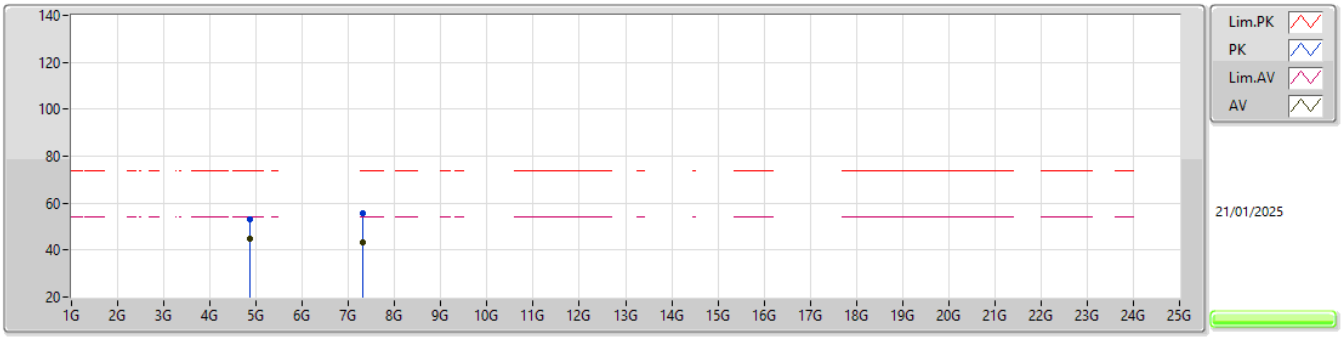


EUT Y_1TX
Setting 21
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3558G	65.95	74.00	-8.05	34.56	3	Horizontal	357	2.75	-	27.40	3.99	-
AV	2.3898G	50.49	54.00	-3.51	19.00	3	Horizontal	357	2.75	-	27.50	3.99	-
PK	2.4406G	109.59	Inf	-Inf	77.86	3	Horizontal	357	2.75	-	27.70	4.03	-
AV	2.4446G	100.83	Inf	-Inf	69.09	3	Horizontal	357	2.75	-	27.70	4.04	-
PK	2.485G	68.73	74.00	-5.27	36.70	3	Horizontal	357	2.75	-	27.95	4.08	-
AV	2.4835G	52.83	54.00	-1.17	20.81	3	Horizontal	357	2.75	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

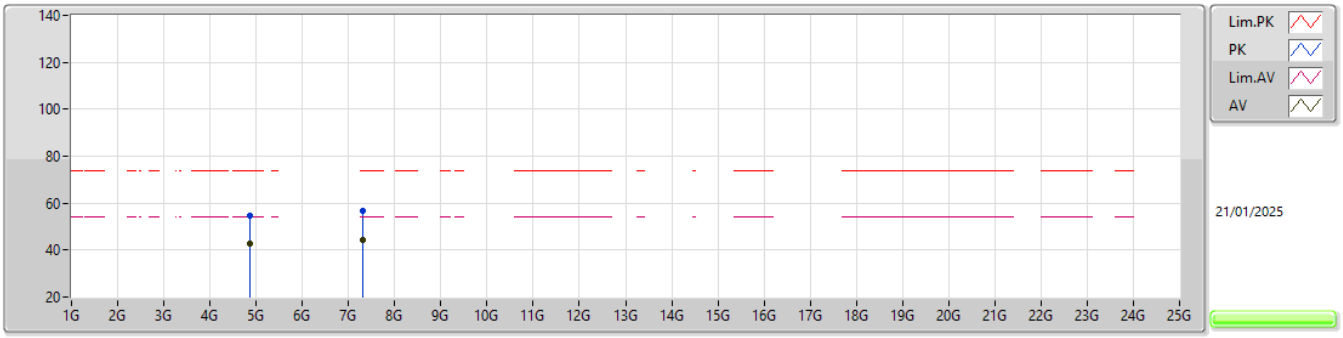


EUT Y_1TX
Setting 21
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87429G	53.16	74.00	-20.84	48.03	3	Vertical	320	2.58	-	32.80	7.92	35.59
AV	4.87327G	44.99	54.00	-9.01	39.87	3	Vertical	320	2.58	-	32.79	7.92	35.59
PK	7.3116G	55.63	74.00	-18.37	43.98	3	Vertical	87	1.26	-	37.05	9.37	34.77
AV	7.31G	43.24	54.00	-10.76	31.59	3	Vertical	87	1.26	-	37.06	9.37	34.78

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2437MHz_TX

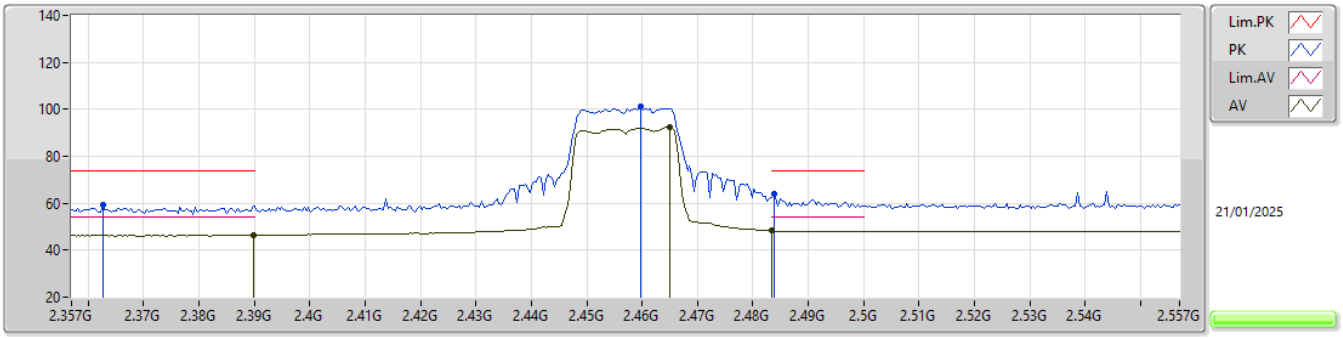


EUT Y_1TX
Setting 21
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87337G	54.52	74.00	-19.48	49.40	3	Horizontal	7	1.87	-	32.79	7.92	35.59
AV	4.87316G	42.79	54.00	-11.21	37.67	3	Horizontal	7	1.87	-	32.79	7.92	35.59
PK	7.31092G	56.75	74.00	-17.25	45.09	3	Horizontal	37	2.84	-	37.06	9.37	34.77
AV	7.31G	44.32	54.00	-9.68	32.67	3	Horizontal	37	2.84	-	37.06	9.37	34.78

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

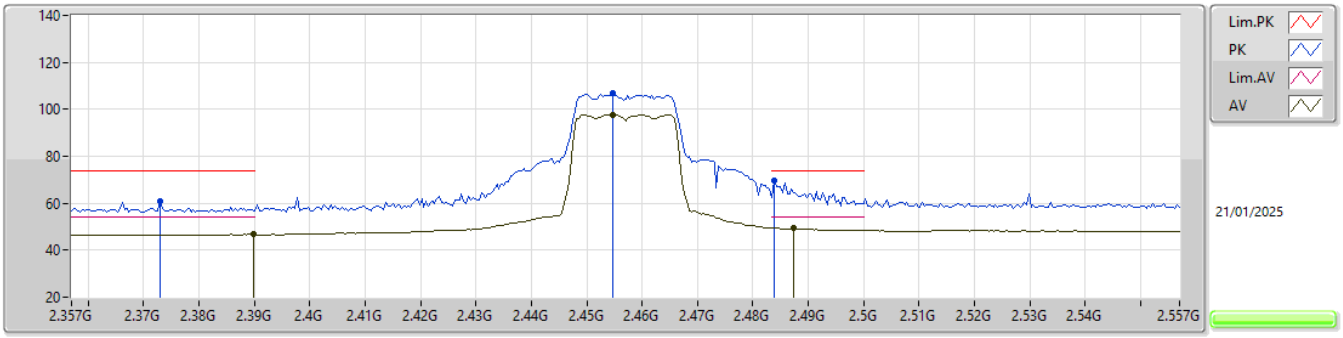


EUT Y_1TX
Setting 16
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3626G	59.20	74.00	-14.80	27.84	3	Vertical	359.8	2.57	-	27.37	3.99	-
AV	2.3898G	46.54	54.00	-7.46	15.05	3	Vertical	359.8	2.57	-	27.50	3.99	-
PK	2.4598G	100.98	Inf	-Inf	69.22	3	Vertical	359.8	2.57	-	27.70	4.06	-
AV	2.465G	92.27	Inf	-Inf	60.46	3	Vertical	359.8	2.57	-	27.75	4.06	-
PK	2.4838G	63.74	74.00	-10.26	31.72	3	Vertical	359.8	2.57	-	27.94	4.08	-
AV	2.4835G	48.30	54.00	-5.70	16.28	3	Vertical	359.8	2.57	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2457MHz_TX

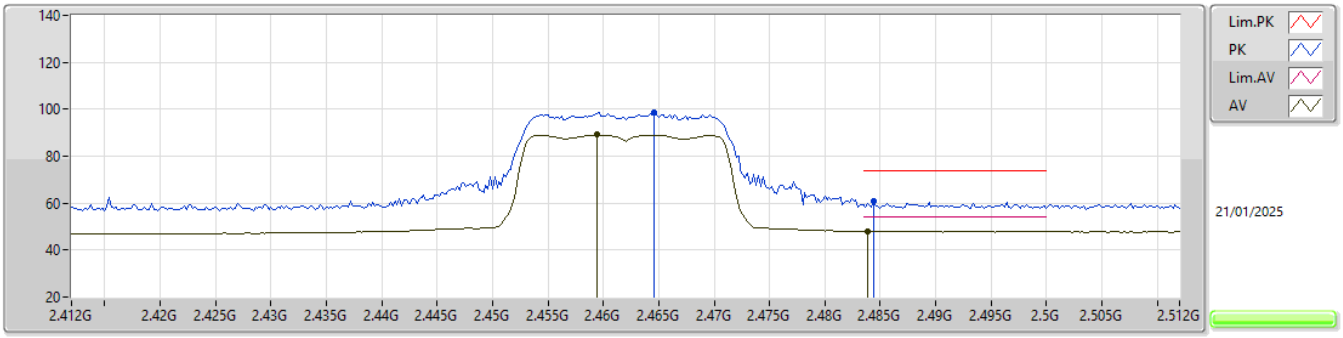


EUT Y_1TX
Setting 16
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.373G	60.92	74.00	-13.08	29.63	3	Horizontal	358.8	2.90	-	27.30	3.99	-
AV	2.3898G	46.80	54.00	-7.20	15.31	3	Horizontal	358.8	2.90	-	27.50	3.99	-
PK	2.4546G	107.04	Inf	-Inf	75.29	3	Horizontal	358.8	2.90	-	27.70	4.05	-
AV	2.4546G	97.78	Inf	-Inf	66.03	3	Horizontal	358.8	2.90	-	27.70	4.05	-
PK	2.4838G	69.68	74.00	-4.32	37.66	3	Horizontal	358.8	2.90	-	27.94	4.08	-
AV	2.4874G	49.28	54.00	-4.72	17.22	3	Horizontal	358.8	2.90	-	27.97	4.09	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

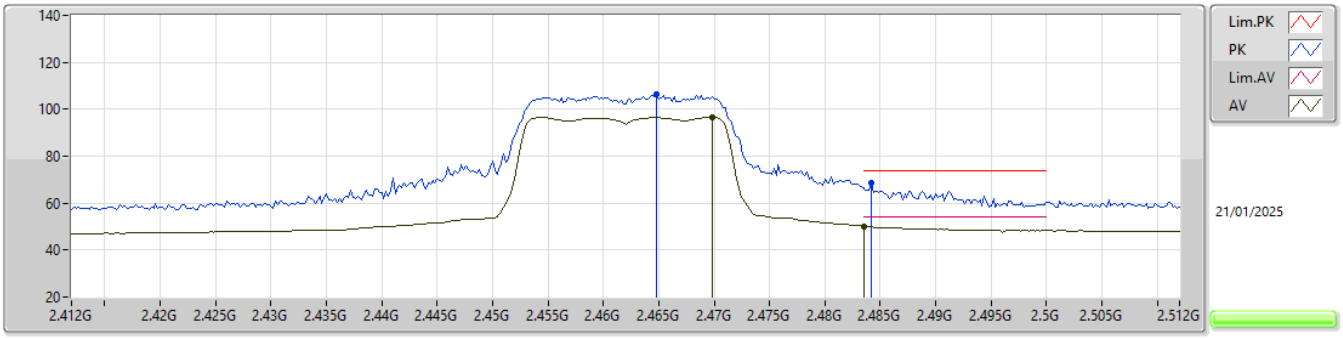


EUT Y_1TX
Setting 15
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4646G	98.61	Inf	-Inf	66.80	3	Vertical	350	2.75	-	27.75	4.06	-
AV	2.4594G	89.07	Inf	-Inf	57.31	3	Vertical	350	2.75	-	27.70	4.06	-
PK	2.4844G	60.73	74.00	-13.27	28.71	3	Vertical	350	2.75	-	27.94	4.08	-
AV	2.4838G	48.05	54.00	-5.95	16.03	3	Vertical	350	2.75	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

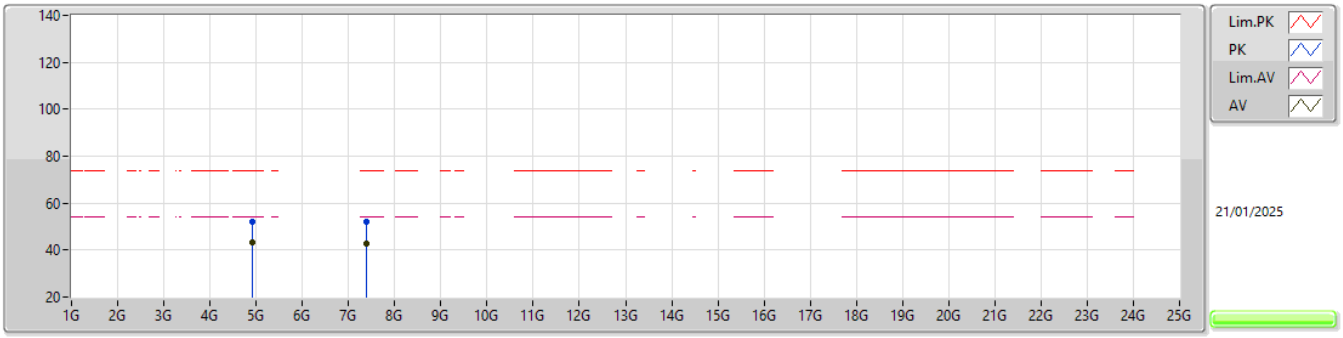


EUT Y_1TX
Setting 15
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4648G	106.16	Inf	-Inf	74.35	3	Horizontal	359.9	2.89	-	27.75	4.06	-
AV	2.4698G	96.76	Inf	-Inf	64.89	3	Horizontal	359.9	2.89	-	27.80	4.07	-
PK	2.4842G	68.46	74.00	-5.54	36.44	3	Horizontal	359.9	2.89	-	27.94	4.08	-
AV	2.4835G	50.08	54.00	-3.92	18.06	3	Horizontal	359.9	2.89	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

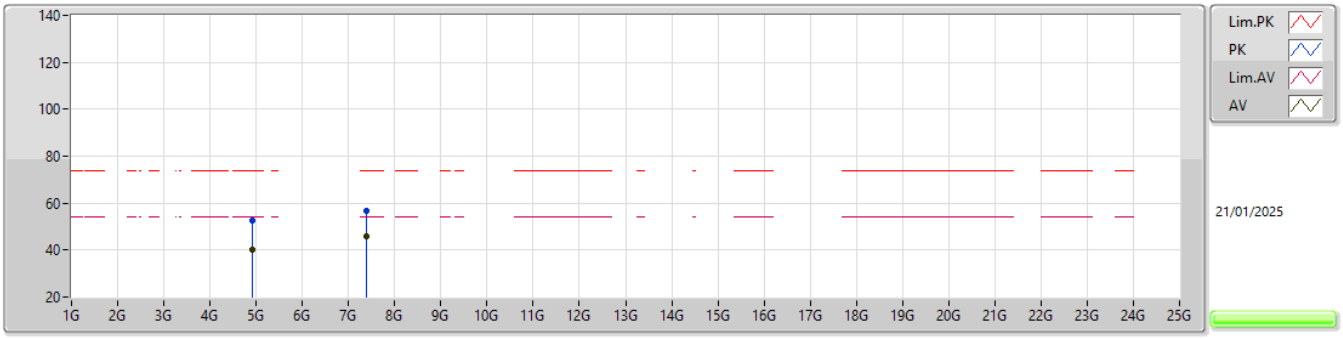


EUT Y_1TX
Setting 15
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92331G	51.87	74.00	-22.13	46.47	3	Vertical	331	2.35	-	33.04	7.94	35.58
AV	4.92313G	43.17	54.00	-10.83	37.77	3	Vertical	331	2.35	-	33.04	7.94	35.58
PK	7.38665G	52.27	74.00	-21.73	40.81	3	Vertical	0	1.38	-	36.68	9.42	34.64
AV	7.38537G	42.75	54.00	-11.25	31.28	3	Vertical	0	1.38	-	36.69	9.42	34.64

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

2462MHz_TX

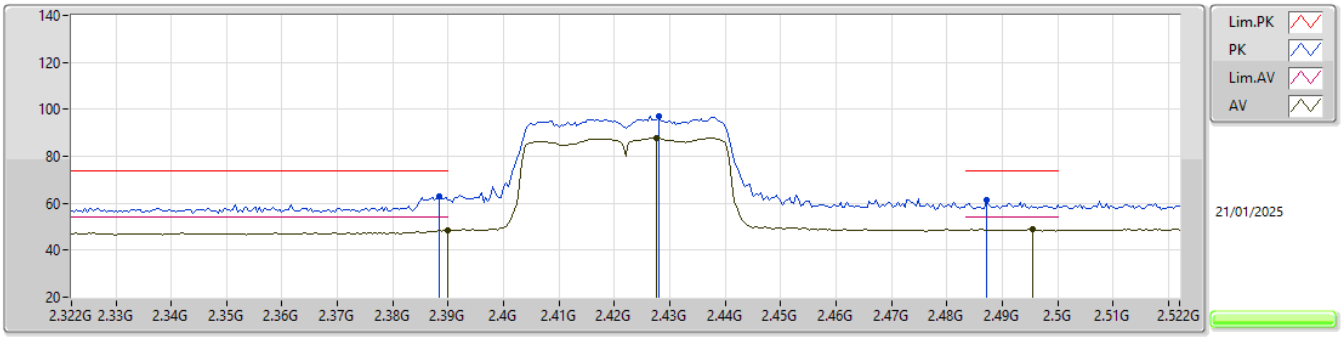


EUT Y_1TX
Setting 15
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92384G	52.82	74.00	-21.18	47.42	3	Horizontal	42	1.72	-	33.04	7.94	35.58
AV	4.923G	40.17	54.00	-13.83	34.77	3	Horizontal	42	1.72	-	33.04	7.94	35.58
PK	7.38596G	56.74	74.00	-17.26	45.28	3	Horizontal	172	1.58	-	36.68	9.42	34.64
AV	7.38531G	45.98	54.00	-8.02	34.51	3	Horizontal	172	1.58	-	36.69	9.42	34.64

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

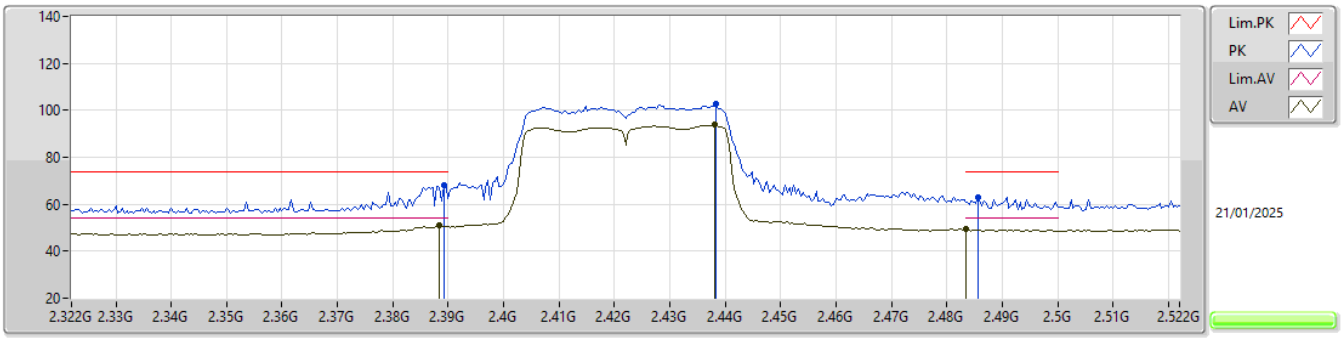


EUT Y_1TX
Setting 14
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3884G	62.86	74.00	-11.14	31.40	3	Vertical	360	2.68	-	27.47	3.99	-
AV	2.39G	48.64	54.00	-5.36	17.15	3	Vertical	360	2.68	-	27.50	3.99	-
PK	2.428G	97.09	Inf	-Inf	65.39	3	Vertical	360	2.68	-	27.68	4.02	-
AV	2.4276G	87.72	Inf	-Inf	56.02	3	Vertical	360	2.68	-	27.68	4.02	-
PK	2.4872G	61.23	74.00	-12.77	29.17	3	Vertical	360	2.68	-	27.97	4.09	-
AV	2.4956G	48.87	54.00	-5.13	16.77	3	Vertical	360	2.68	-	28.00	4.10	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

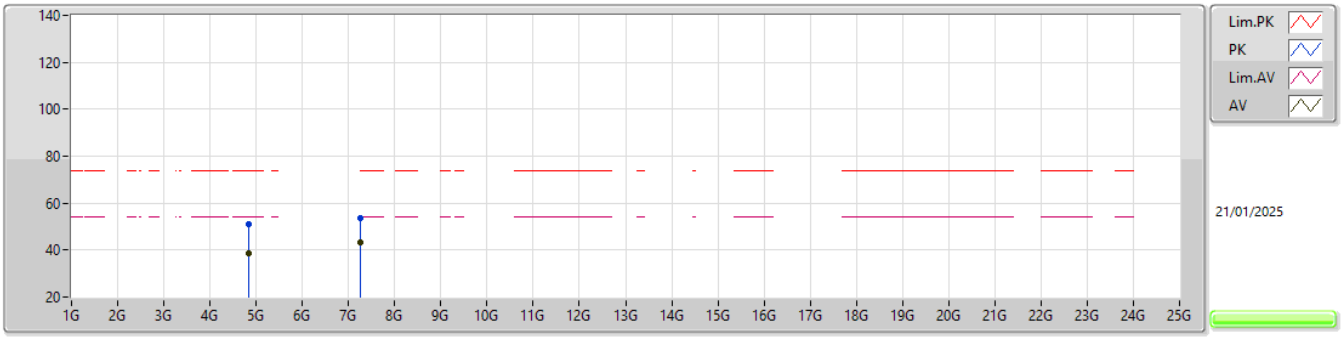


EUT Y_1TX
Setting 14
05-L-J-8

Type	Freq	Level	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	67.97	74.00	-6.03	36.50	3	Horizontal	356.1	2.97	-	27.48	3.99	-
AV	2.3884G	50.78	54.00	-3.22	19.32	3	Horizontal	356.1	2.97	-	27.47	3.99	-
PK	2.4384G	102.53	Inf	-Inf	70.80	3	Horizontal	356.1	2.97	-	27.70	4.03	-
AV	2.438G	93.73	Inf	-Inf	62.00	3	Horizontal	356.1	2.97	-	27.70	4.03	-
PK	2.4856G	62.98	74.00	-11.02	30.94	3	Horizontal	356.1	2.97	-	27.96	4.08	-
AV	2.4835G	49.24	54.00	-4.76	17.22	3	Horizontal	356.1	2.97	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

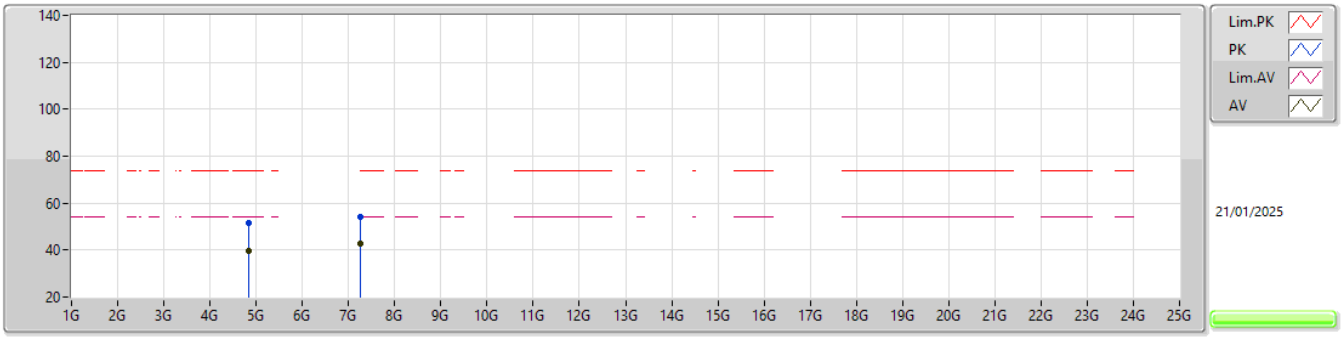


EUT Y_1TX
Setting 14
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84382G	50.87	74.00	-23.13	45.88	3	Vertical	84	1.47	-	32.69	7.90	35.60
AV	4.84307G	38.73	54.00	-15.27	33.74	3	Vertical	84	1.47	-	32.69	7.90	35.60
PK	7.26544G	53.49	74.00	-20.51	41.91	3	Vertical	348	2.94	-	37.10	9.34	34.86
AV	7.26538G	43.26	54.00	-10.74	31.68	3	Vertical	348	2.94	-	37.10	9.34	34.86

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2422MHz_TX

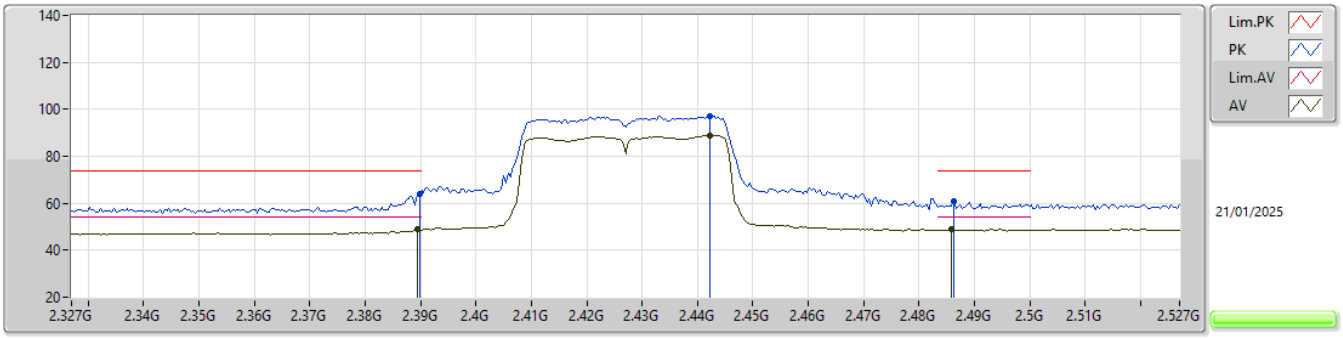


EUT Y_1TX
Setting 14
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84364G	51.57	74.00	-22.43	46.58	3	Horizontal	99	2.69	-	32.69	7.90	35.60
AV	4.84345G	39.86	54.00	-14.14	34.87	3	Horizontal	99	2.69	-	32.69	7.90	35.60
PK	7.26516G	54.33	74.00	-19.67	42.75	3	Horizontal	277	2.78	-	37.10	9.34	34.86
AV	7.26585G	42.72	54.00	-11.28	31.14	3	Horizontal	277	2.78	-	37.10	9.34	34.86

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

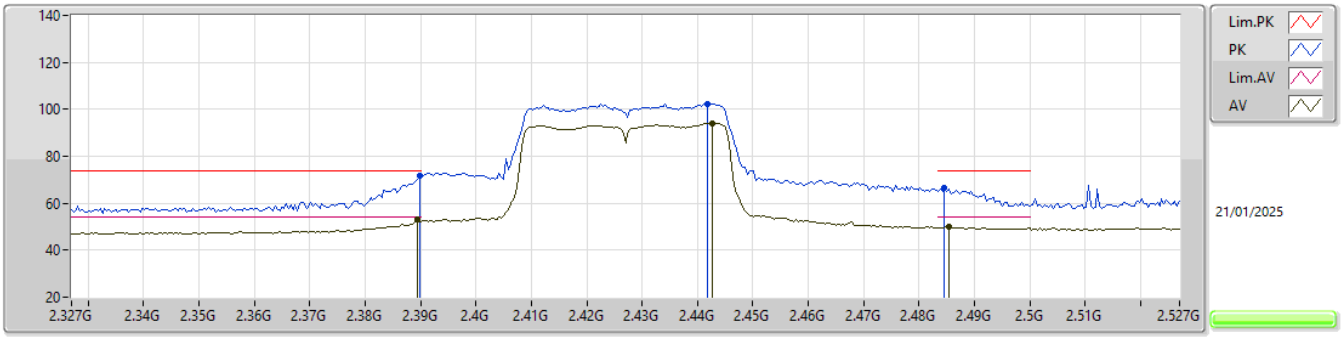


EUT Y_1TX
Setting 15
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.81	74.00	-10.19	32.32	3	Vertical	349	3.00	-	27.50	3.99	-
AV	2.3894G	48.83	54.00	-5.17	17.35	3	Vertical	349	3.00	-	27.49	3.99	-
PK	2.4422G	97.05	Inf	-Inf	65.31	3	Vertical	349	3.00	-	27.70	4.04	-
AV	2.4422G	88.94	Inf	-Inf	57.20	3	Vertical	349	3.00	-	27.70	4.04	-
PK	2.4862G	60.93	74.00	-13.07	28.89	3	Vertical	349	3.00	-	27.96	4.08	-
AV	2.4858G	49.04	54.00	-4.96	17.00	3	Vertical	349	3.00	-	27.96	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2427MHz_TX

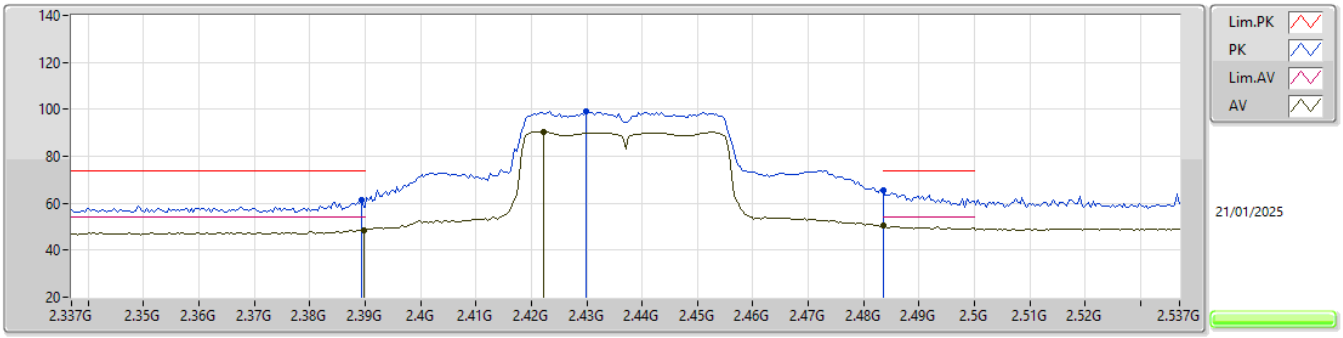


EUT Y_1TX
Setting 15
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	71.59	74.00	-2.41	40.10	3	Horizontal	342.1	2.75	-	27.50	3.99	-
AV	2.3894G	52.93	54.00	-1.07	21.45	3	Horizontal	342.1	2.75	-	27.49	3.99	-
PK	2.4418G	102.42	Inf	-Inf	70.68	3	Horizontal	342.1	2.75	-	27.70	4.04	-
AV	2.4426G	94.11	Inf	-Inf	62.37	3	Horizontal	342.1	2.75	-	27.70	4.04	-
PK	2.4846G	66.46	74.00	-7.54	34.43	3	Horizontal	342.1	2.75	-	27.95	4.08	-
AV	2.4854G	50.10	54.00	-3.90	18.07	3	Horizontal	342.1	2.75	-	27.95	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

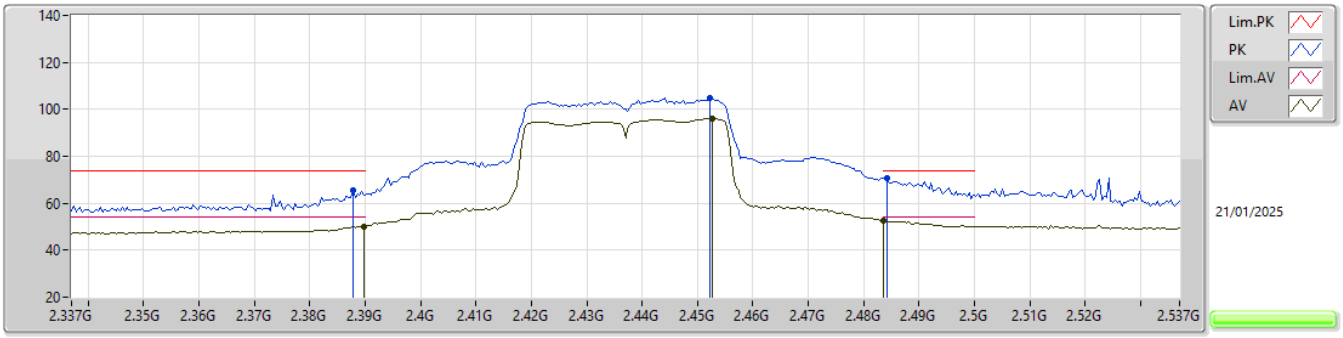


EUT Y_1TX
Setting 18
05-L-J-8

Type	Freq	Level	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	61.37	74.00	-12.63	29.89	3	Vertical	360	2.67	-	27.49	3.99	-
AV	2.3898G	48.64	54.00	-5.36	17.15	3	Vertical	360	2.67	-	27.50	3.99	-
PK	2.4298G	99.22	Inf	-Inf	67.50	3	Vertical	360	2.67	-	27.70	4.02	-
AV	2.4222G	90.54	Inf	-Inf	58.91	3	Vertical	360	2.67	-	27.62	4.01	-
PK	2.4835G	65.68	74.00	-8.32	33.66	3	Vertical	360	2.67	-	27.94	4.08	-
AV	2.4835G	50.67	54.00	-3.33	18.65	3	Vertical	360	2.67	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

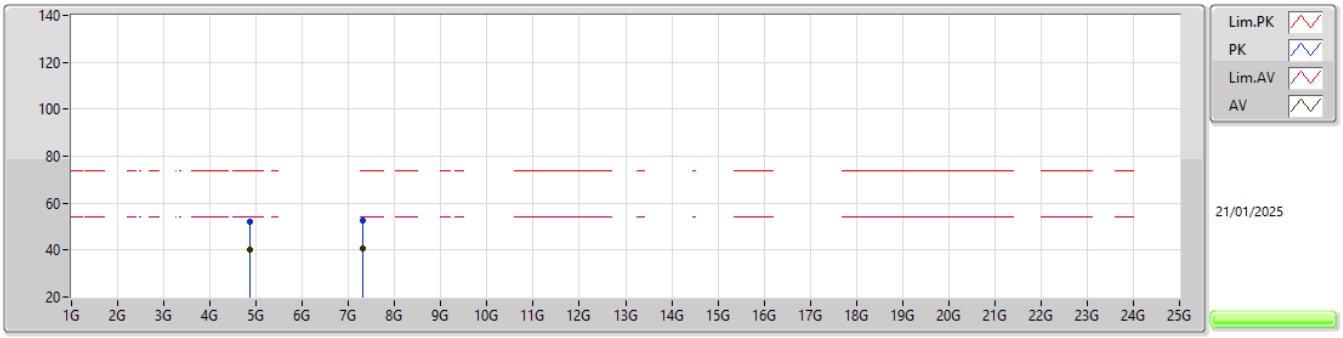


EUT Y_1TX
Setting 18
05-L-J-8

Type	Freq	Level	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	65.76	74.00	-8.24	34.31	3	Horizontal	356.8	2.88	-	27.46	3.99	-
AV	2.3898G	50.15	54.00	-3.85	18.66	3	Horizontal	356.8	2.88	-	27.50	3.99	-
PK	2.4522G	104.66	Inf	-Inf	72.91	3	Horizontal	356.8	2.88	-	27.70	4.05	-
AV	2.4526G	96.09	Inf	-Inf	64.34	3	Horizontal	356.8	2.88	-	27.70	4.05	-
PK	2.4842G	70.77	74.00	-3.23	38.75	3	Horizontal	356.8	2.88	-	27.94	4.08	-
AV	2.4835G	52.82	54.00	-1.18	20.81	3	Horizontal	356.8	2.88	-	27.93	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

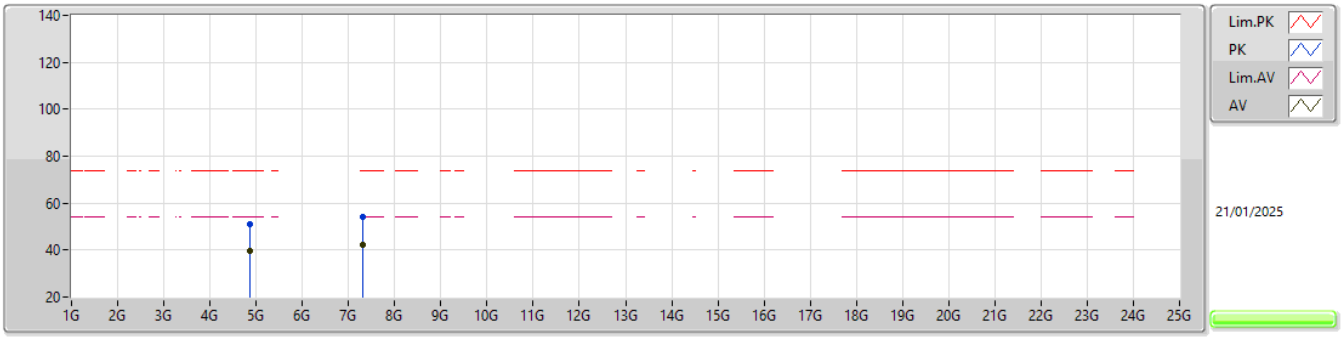


EUT Y_1TX
Setting 18
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87315G	51.94	74.00	-22.06	46.82	3	Vertical	64	2.24	-	32.79	7.92	35.59
AV	4.8731G	40.34	54.00	-13.66	35.22	3	Vertical	64	2.24	-	32.79	7.92	35.59
PK	7.31018G	52.54	74.00	-21.46	40.89	3	Vertical	131	2.26	-	37.06	9.37	34.78
AV	7.31156G	40.47	54.00	-13.53	28.82	3	Vertical	131	2.26	-	37.05	9.37	34.77

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2437MHz_TX

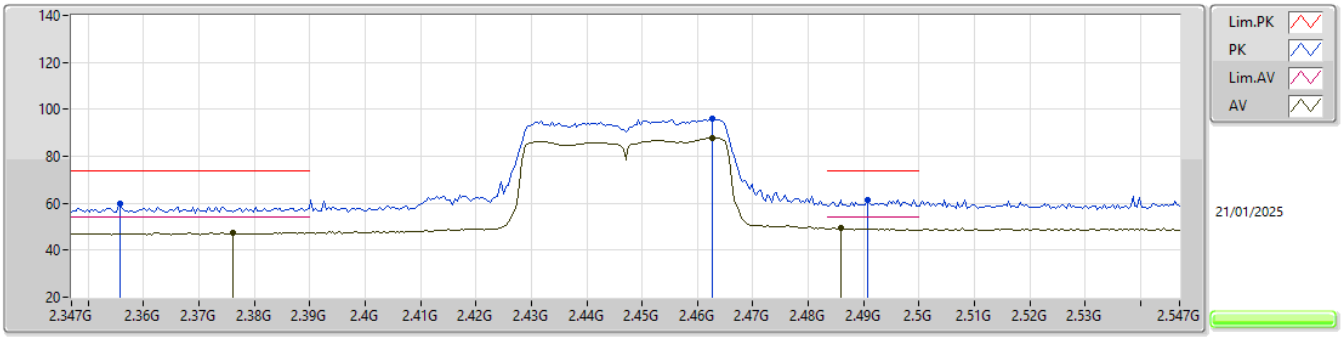


EUT Y_1TX
Setting 18
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8742G	50.81	74.00	-23.19	45.68	3	Horizontal	306	2.56	-	32.80	7.92	35.59
AV	4.8748G	39.66	54.00	-14.34	34.53	3	Horizontal	306	2.56	-	32.80	7.92	35.59
PK	7.31044G	54.30	74.00	-19.70	42.64	3	Horizontal	263	2.78	-	37.06	9.37	34.77
AV	7.31113G	42.40	54.00	-11.60	30.74	3	Horizontal	263	2.78	-	37.06	9.37	34.77

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

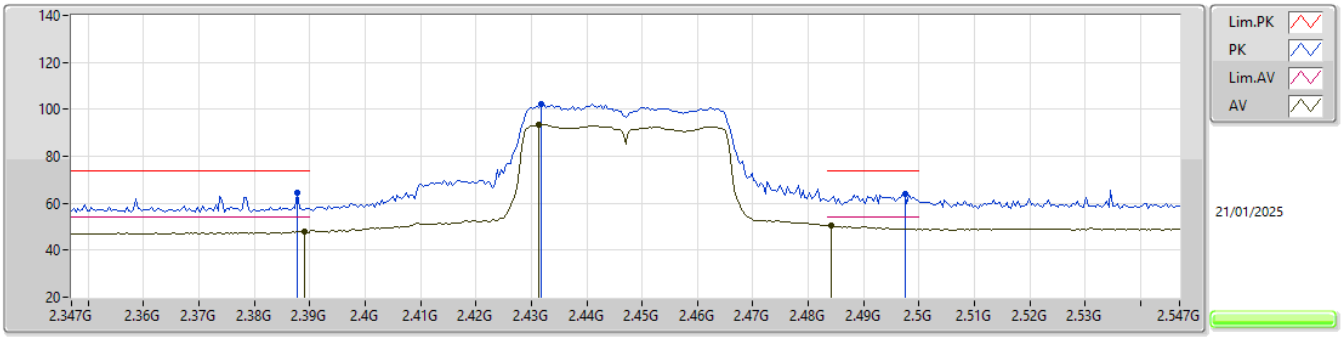


EUT Y_1TX
Setting 14
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3558G	59.59	74.00	-14.41	28.20	3	Vertical	360	2.57	-	27.40	3.99	-
AV	2.3762G	47.51	54.00	-6.49	16.22	3	Vertical	360	2.57	-	27.30	3.99	-
PK	2.4626G	96.09	Inf	-Inf	64.30	3	Vertical	360	2.57	-	27.73	4.06	-
AV	2.4626G	87.90	Inf	-Inf	56.11	3	Vertical	360	2.57	-	27.73	4.06	-
PK	2.4906G	61.60	74.00	-12.40	29.51	3	Vertical	360	2.57	-	28.00	4.09	-
AV	2.4858G	49.26	54.00	-4.74	17.22	3	Vertical	360	2.57	-	27.96	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2447MHz_TX

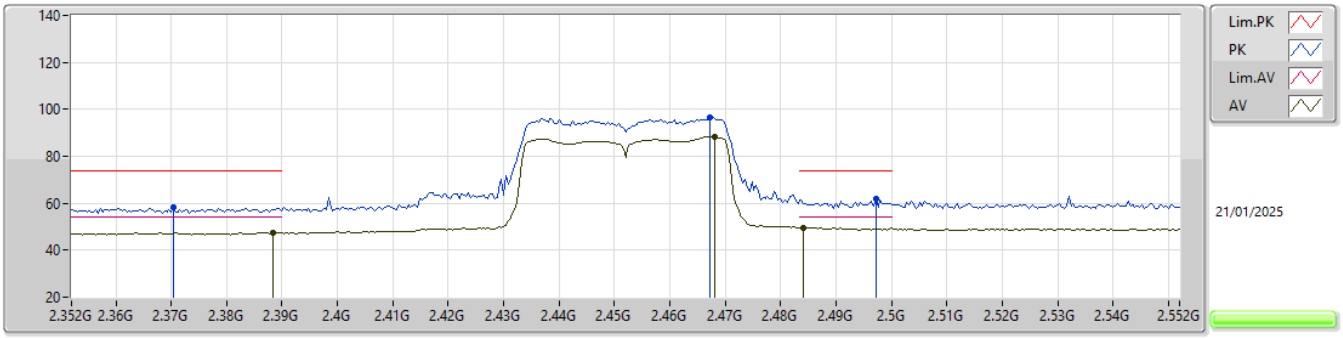


EUT Y_1TX
Setting 14
05-L-J-8

Type	Freq	Level	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	64.67	74.00	-9.33	33.22	3	Horizontal	358.9	2.96	-	27.46	3.99	-
AV	2.389G	47.96	54.00	-6.04	16.49	3	Horizontal	358.9	2.96	-	27.48	3.99	-
PK	2.4318G	102.32	Inf	-Inf	70.60	3	Horizontal	358.9	2.96	-	27.70	4.02	-
AV	2.4314G	93.36	Inf	-Inf	61.64	3	Horizontal	358.9	2.96	-	27.70	4.02	-
PK	2.4974G	64.08	74.00	-9.92	31.98	3	Horizontal	358.9	2.96	-	28.00	4.10	-
AV	2.4842G	50.29	54.00	-3.71	18.27	3	Horizontal	358.9	2.96	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

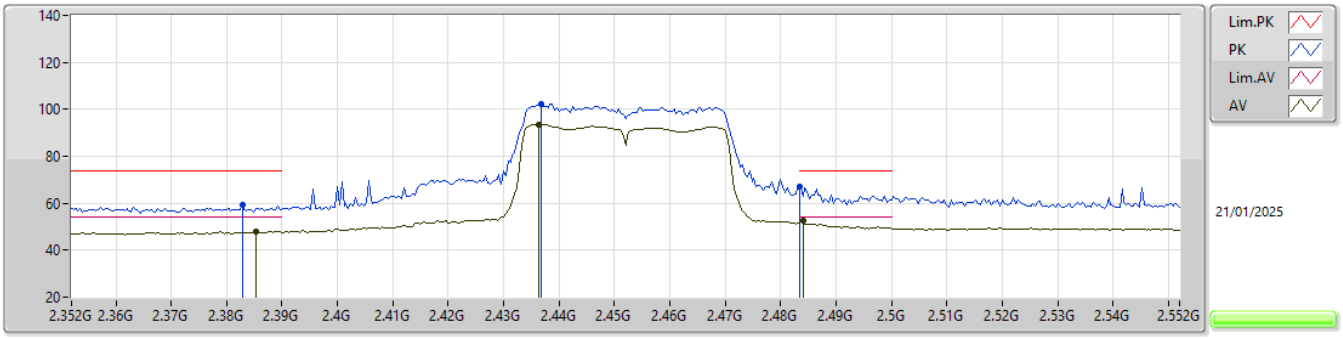


EUT Y_1TX
Setting 14
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3704G	58.34	74.00	-15.66	27.05	3	Vertical	0	2.61	-	27.30	3.99	-
AV	2.3884G	47.49	54.00	-6.51	16.03	3	Vertical	0	2.61	-	27.47	3.99	-
PK	2.4672G	96.57	Inf	-Inf	64.74	3	Vertical	0	2.61	-	27.77	4.06	-
AV	2.468G	88.33	Inf	-Inf	56.49	3	Vertical	0	2.61	-	27.78	4.06	-
PK	2.4972G	61.72	74.00	-12.28	29.62	3	Vertical	0	2.61	-	28.00	4.10	-
AV	2.484G	49.67	54.00	-4.33	17.65	3	Vertical	0	2.61	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

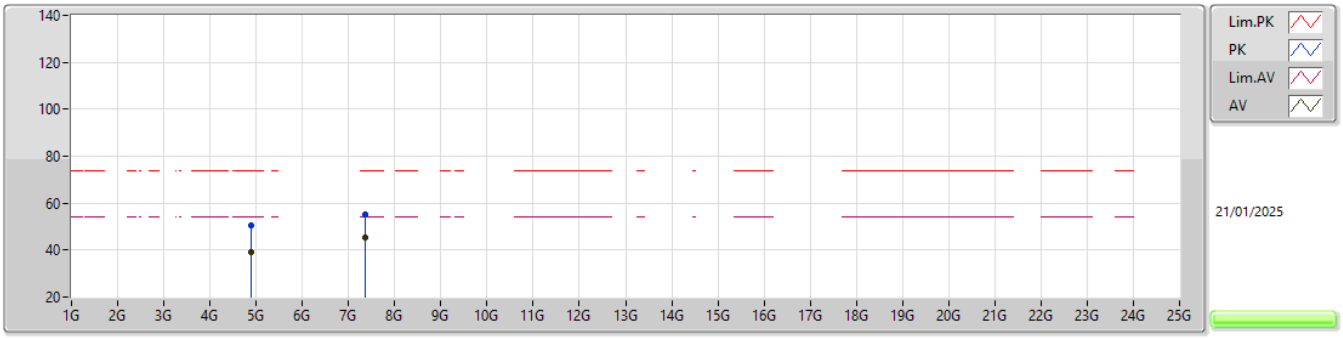


EUT Y_1TX
Setting 14
05-L-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3828G	59.11	74.00	-14.89	27.76	3	Horizontal	359	2.97	-	27.36	3.99	-
AV	2.3852G	47.85	54.00	-6.15	16.46	3	Horizontal	359	2.97	-	27.40	3.99	-
PK	2.4368G	102.31	Inf	-Inf	70.58	3	Horizontal	359	2.97	-	27.70	4.03	-
AV	2.4364G	93.64	Inf	-Inf	61.91	3	Horizontal	359	2.97	-	27.70	4.03	-
PK	2.4835G	66.92	74.00	-7.08	34.90	3	Horizontal	359	2.97	-	27.94	4.08	-
AV	2.484G	52.83	54.00	-1.17	20.81	3	Horizontal	359	2.97	-	27.94	4.08	-

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX

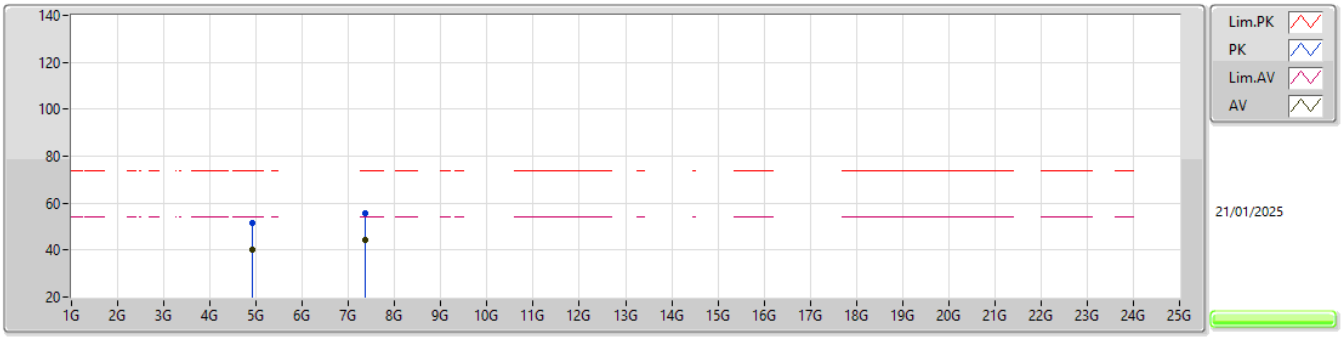


EUT Y_1TX
Setting 14
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90305G	50.77	74.00	-23.23	45.51	3	Vertical	259	1.65	-	32.92	7.93	35.59
AV	4.90319G	39.17	54.00	-14.83	33.91	3	Vertical	259	1.65	-	32.92	7.93	35.59
PK	7.35621G	55.38	74.00	-18.62	43.81	3	Vertical	218	2.20	-	36.86	9.40	34.69
AV	7.35608G	45.34	54.00	-8.66	33.77	3	Vertical	218	2.20	-	36.86	9.40	34.69

2.4-2.4835GHz_802.11n HT40_Nss1,(MCS0)_1TX

2452MHz_TX



EUT Y_1TX
Setting 14
05-L-Y-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90491G	51.60	74.00	-22.40	46.32	3	Horizontal	171	2.27	-	32.93	7.93	35.58
AV	4.90486G	40.39	54.00	-13.61	35.11	3	Horizontal	171	2.27	-	32.93	7.93	35.58
PK	7.35574G	55.44	74.00	-18.56	43.86	3	Horizontal	236	1.27	-	36.87	9.40	34.69
AV	7.3553G	44.21	54.00	-9.79	32.63	3	Horizontal	236	1.27	-	36.87	9.40	34.69