



RADIO TEST REPORT

FCC ID : ZQ6-WL72917
Equipment : AIoT Module
Brand Name : AMPAK Technology Inc, SPARKLAN COMMUNICATIONS INC
Model Name : WL72917
Applicant : AMPAK Technology Inc.
6F-2, No.23, Huanke 1st Rd., Zhubei city, Taiwan, 302047
Manufacturer : BILLIONTON SYSTEMS INC.
No. 21, Sui-Lih Rd., Hsin-Chu City 300, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 12, 2026, and testing was started from Jan. 31, 2026 and completed on Feb. 04, 2026. 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 C63.10-2020 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

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3

Page Number : 3 of 20
Issued Date : Feb. 25, 2026
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: Sandy Chuang



1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Cable loss (dB)	Net Gain (dBi)	Equip EUT
1	1	SparkLAN	AD-305N	Dipole	Reverse SMA	5.00	0.4	4.60	2
2	-	SparkLAN	AD-103AG	Dipole	Reverse SMA	2.02	0.4	1.62	2
3		SparkLAN	AD-301N	Dipole	Reverse SMA	4.40	0.4	4.00	2
4		SparkLAN	AD-302N	Dipole	Reverse SMA	3.14	0.4	2.74	2
5		SparkLAN	AD-303N	Dipole	Reverse SMA	3.14	0.4	2.74	2
6		Pulse	TZ2412W	Dipole	Reverse SMA	3.60	0.4	3.20	2
7	1	Pulse	ANT8010LL04R2400A	Chip	N/A	0.70	-	0.70	1
8	-	TSKY	A8-A006-00XXX	PIFA	I-PEX	1.02	-	1.02	2
9	-	TSKY	A8-A006-00739	PIFA	I-PEX	1.02	-	1.02	2
10	1	TSKY	A8-A006-00783	PIFA	I-PEX	2.40	-	2.40	2

Note 1: The above information was declared by manufacturer.

Note 2:

For RF Conducted:

only the Ant.1 highest antenna gain has been tested and recorded in the test report.

For Other tests:

Only the highest gain antenna (Ant.1, Ant.7 and Ant.10) were selected from each different types of antenna to test and record in report.

<WLAN 2.4GHz>**For IEEE 802.11b/g/n/ax (1TX/1RX):**

Only Port 1 can be used as transmitting antenna.

<Bluetooth> (1TX/1RX):

Only Port 1 can be used as transmitting antenna.

**1.1.3 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	AccessPort.exe			

Note: The above information was declared by manufacturer.

1.1.4 Table for Multiple Listing

Brand Name	Model Name	Description
AMPAK Technology Inc	WL72917	All the brands are identical, the difference brand for difference served as marketing strategy.
SPARKLAN COMMUNICATIONS INC		

Note 1: From the above, brand: AMPAK Technology Inc 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.

1.1.5 Table for EUT Information

EUT	Equip Antenna
1	Ant. 7
2	Ant. 1~6 (with I-PEX cable), Ant. 8~10

Note: 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: FR461102AA.

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

Modifications	Performance Checking
1. Add a PIFA antenna with the same type and higher gain (No. 10), please refer to section 1.1.2 and 1.1.5 for detailed information.	1. AC Power-line Conducted Emissions 2. Emissions in Restricted Frequency Bands
1. Update test standard version to "ANSI C63.10-2020" from "ANSI C63.10-2013". 2. Update the applicant address to "6F-2, No.23, Huanke 1st Rd., Zhubei city, Taiwan, 302047" from "3F, No. 1, Jen Ai Road, Hsinchu Industrial Park, Hsinchu City 30352, Taiwan (R.O.C.)."	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 C63.10-2020

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 ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated (Below 1GHz)	03CH04-CB	Kevin Huang	21.4~22.6 / 57~61	Jan. 31, 2026~ Feb. 01, 2026
Radiated (Above 1GHz)	03CH03-CB 03CH05-CB 03CH06-CB	Kevin Huang	21.6~23.1 / 58~62 21.5~22.9 / 57~60 21.9~23.1 / 60~62	Jan. 31, 2026~ Feb. 01, 2026
AC Conduction	CO01-CB	Tim Chen	23~24 / 62~63	Feb. 04, 2026

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)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 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	WLAN 2.4GHz: EUT 2 + Ant. 10
2	Bluetooth: EUT 2 + Ant. 10
For operating mode 2 is the worst case and it was record 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
After evaluating, the worst case was found at X axis for 2.4GHz, Z axis for Bluetooth from Emissions in Restricted Frequency Bands above 1GHz, so the measurement will follow this same test configuration.	
1	WLAN 2.4GHz: EUT 2 in X axis + Ant. 10
2	Bluetooth: EUT 2 in Z axis + Ant. 10
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, the worst case was found at X axis. So the measurement will follow this same test configuration.	
1	EUT 2 in X axis+ Ant. 10

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

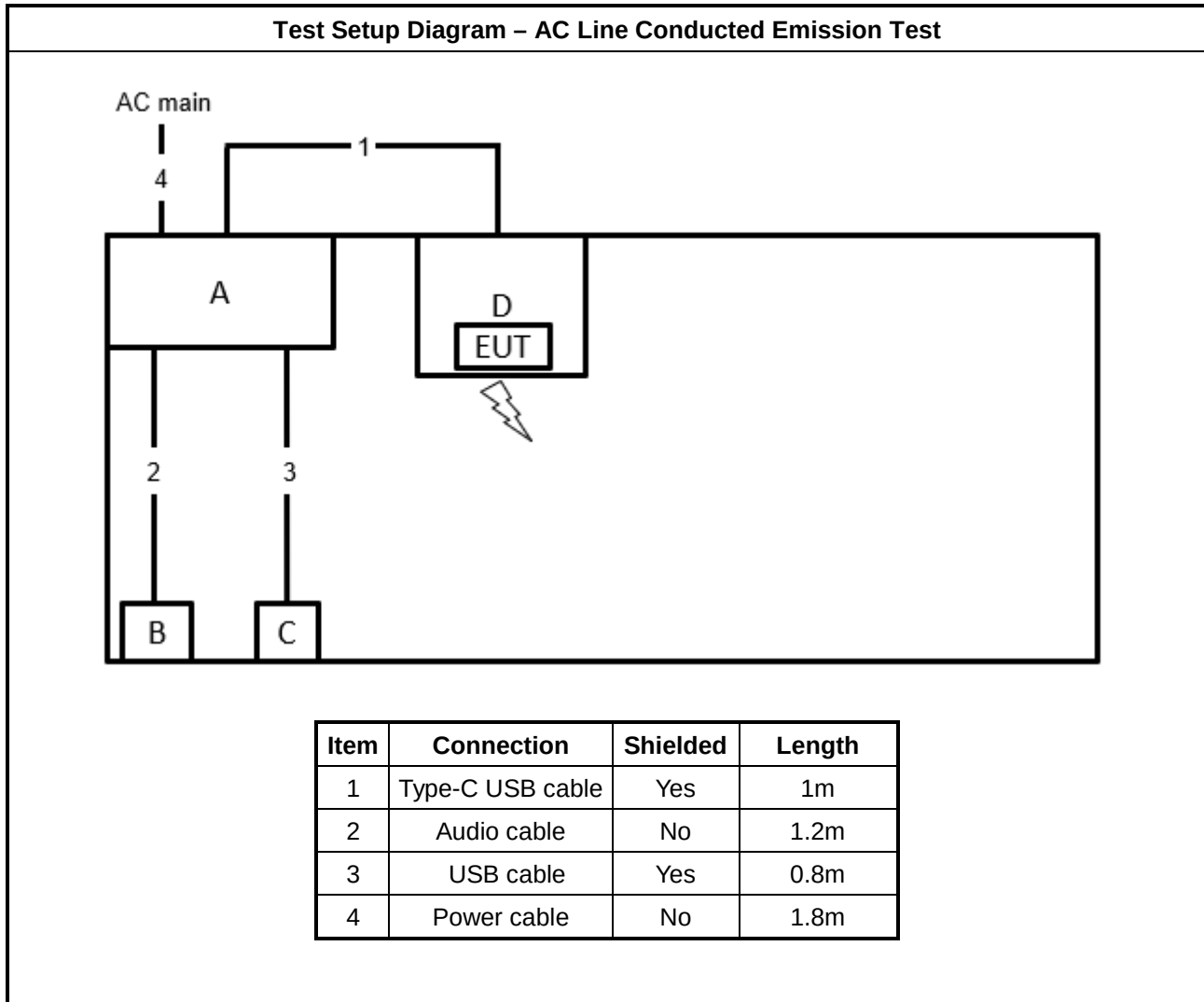
For AC Conduction:

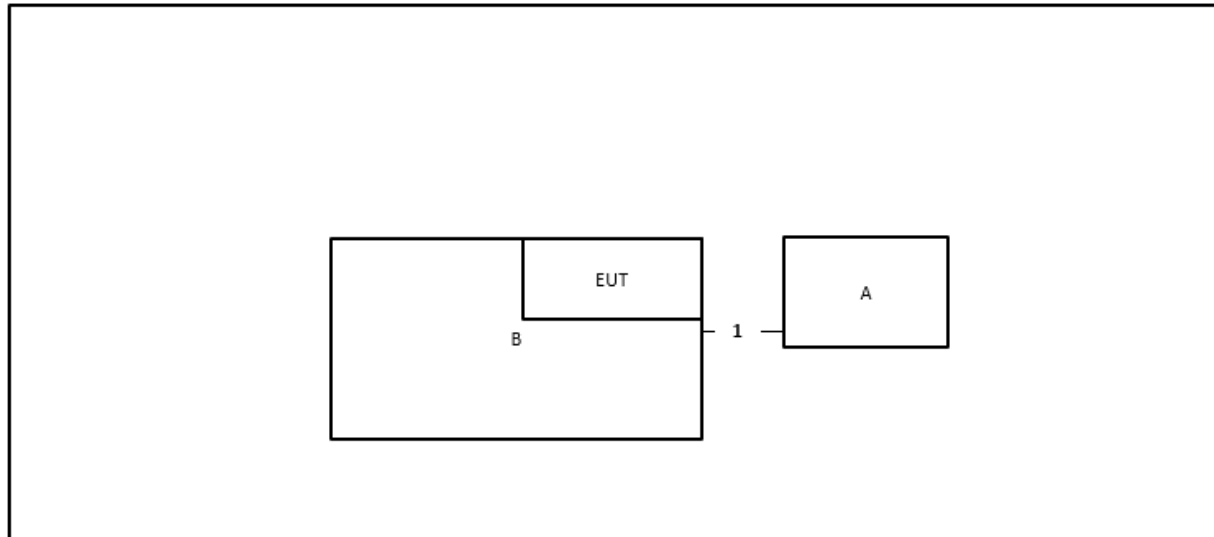
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E6230	N/A
B	Earphone	e-Power	GT-02	N/A
C	Mouse	acer	MOJFUO	N/A
D	EUT Fixture	AMPAK	WL72917_EVB_S_V01	N/A

For Radiated:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	EUT Fixture	AMPAK	WL72917_EVB_S_V01	N/A

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	Type-C USB cable	No	1.5m



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.

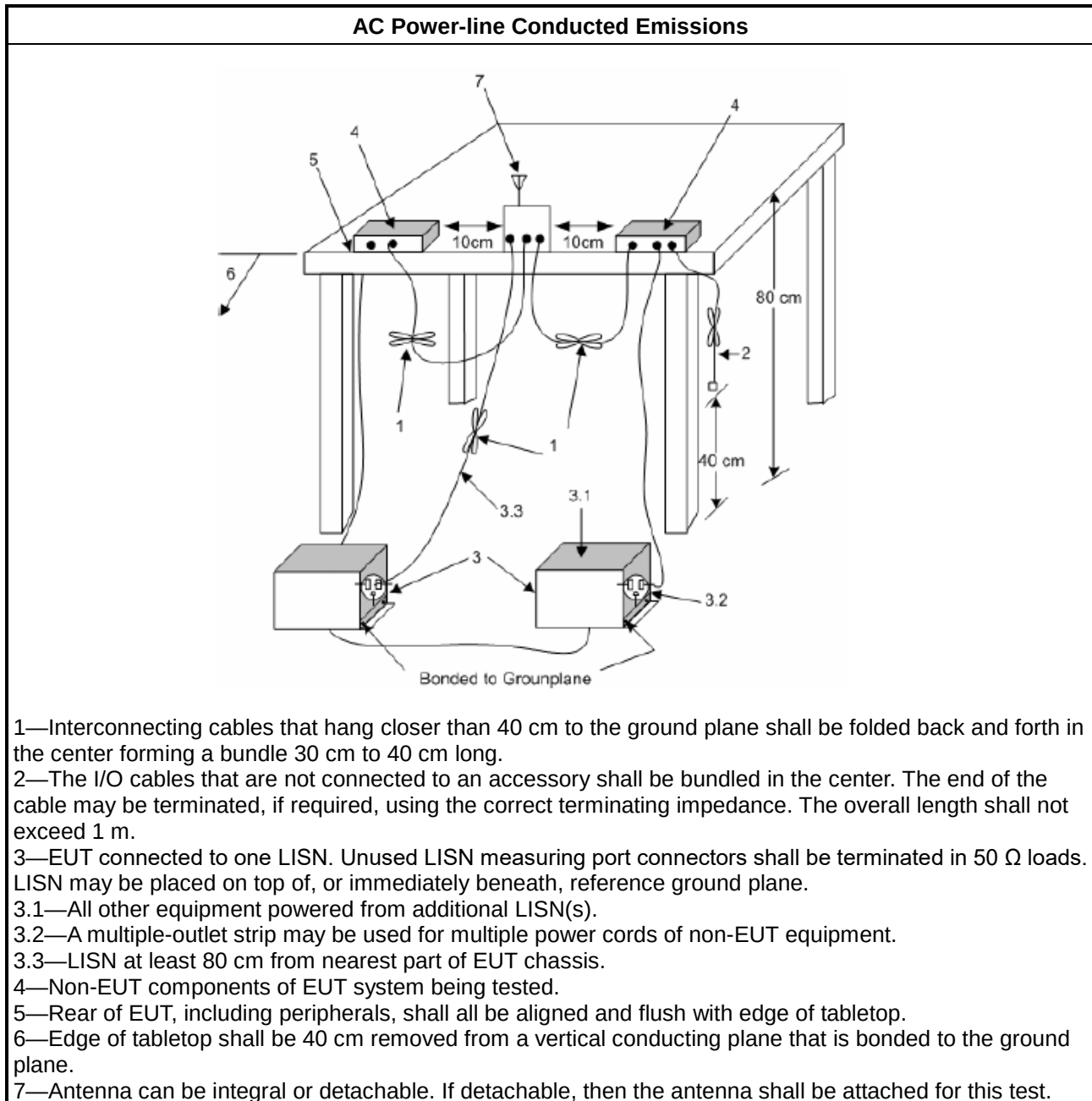
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A



3.2 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

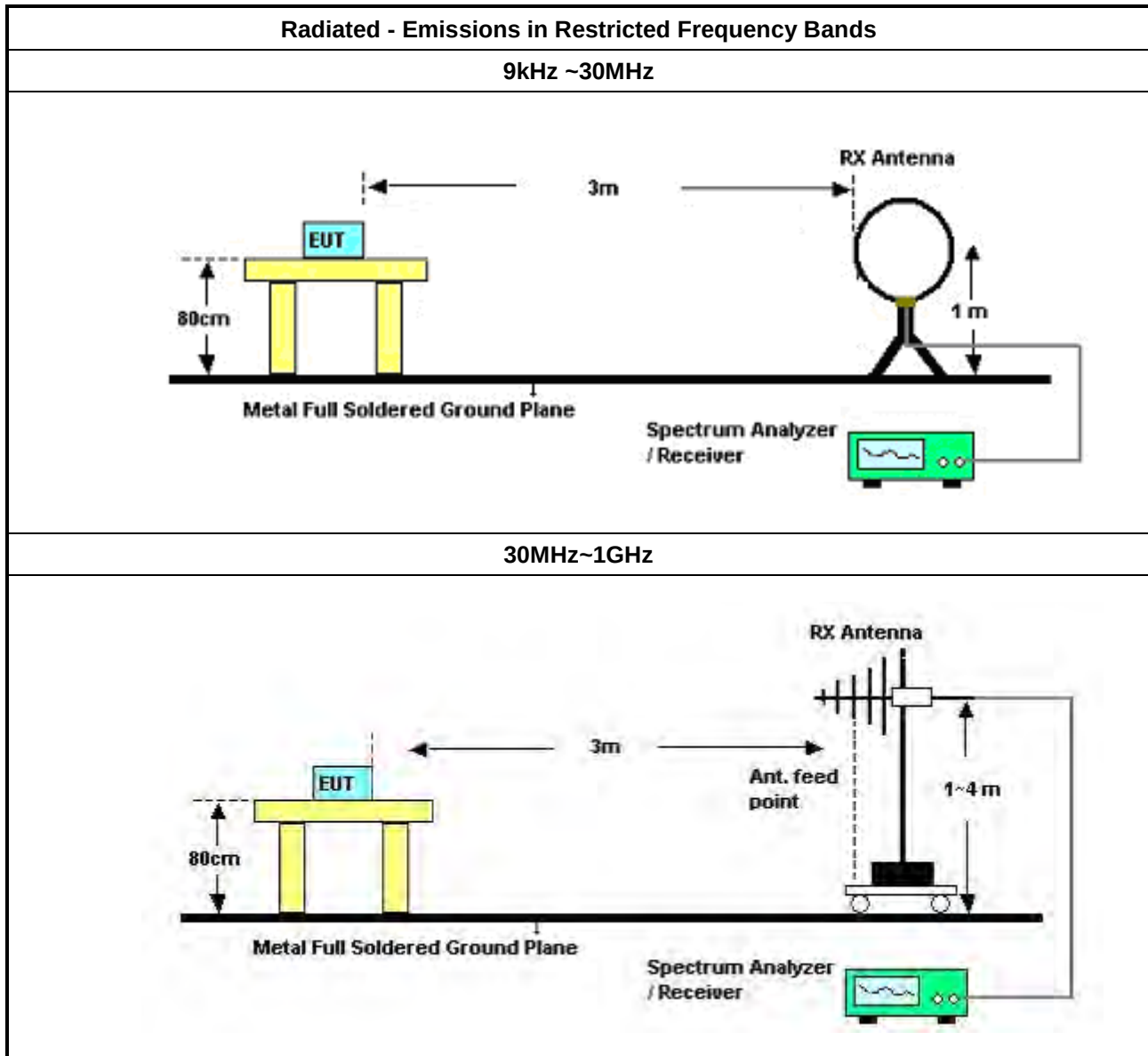
Refer a test equipment and calibration data table in this test report.

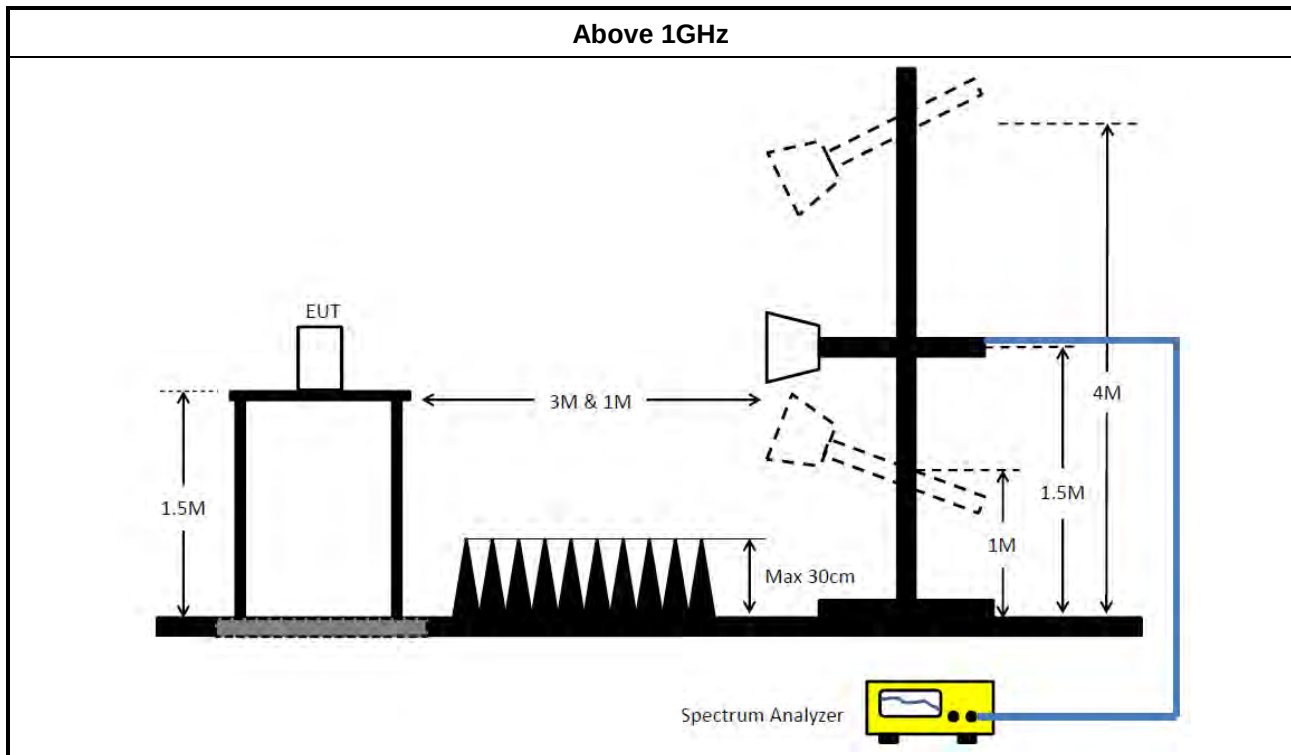


3.2.3 Test Procedures

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

3.2.4 Test Setup





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. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 18, 2025	Feb. 17, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	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. 20, 2025	Oct. 19, 2026	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 04, 2025	Oct. 03, 2026	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 21, 2025	May 20, 2026	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz ~ 1GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 22, 2025	Aug. 21, 2026	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 30, 2025	Jul. 29, 2026	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 27, 2025	Aug. 26, 2026	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Nov. 13, 2025	Nov. 12, 2026	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)

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

NCR means Non-Calibration required.



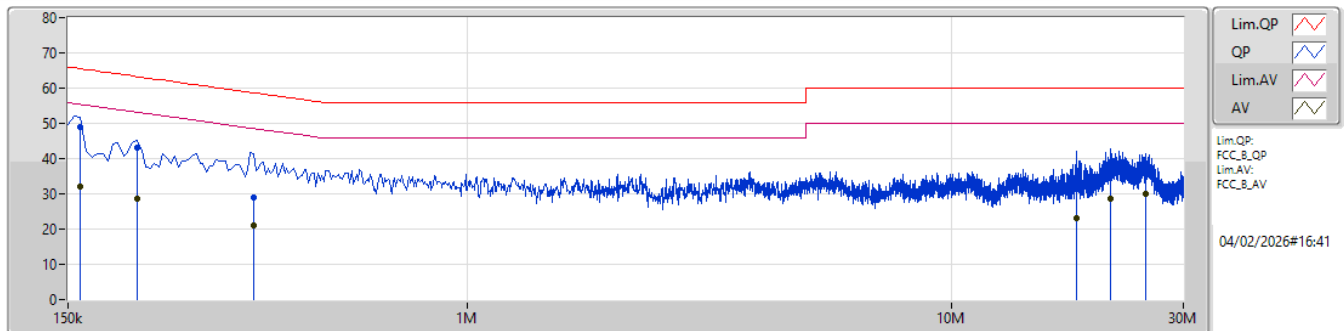
Conducted Emissions at Powerline

Appendix A

Summary

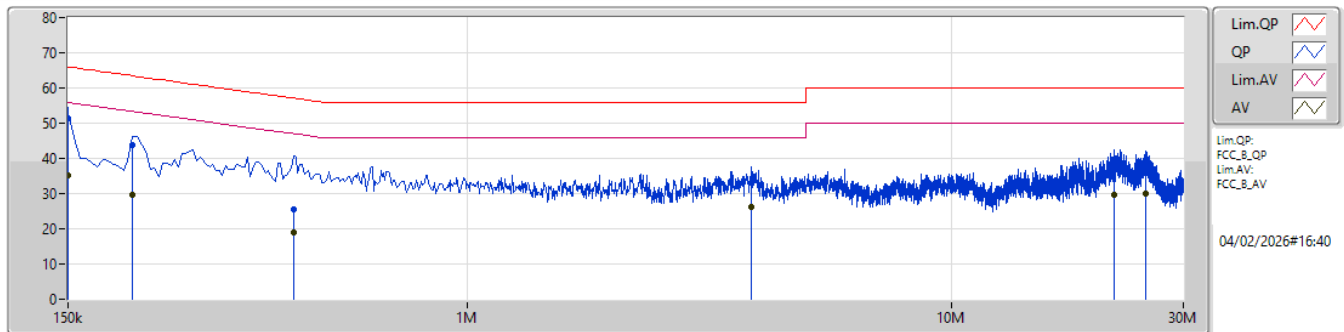
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	150k	51.32	66.00	-14.68	Neutral

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	48.95	65.52	-16.57	9.99	Line	"Worst"	38.96	0.05	0.09	9.85						
AV	159k	32.10	55.52	-23.42	9.99	Line	-	22.11	0.05	0.09	9.85						
QP	208.5k	43.12	63.27	-20.15	9.89	Line	-	33.23	0.06	0.06	9.77						
AV	208.5k	28.49	53.27	-24.78	9.89	Line	-	18.60	0.06	0.06	9.77						
QP	361.5k	29.06	58.70	-29.64	10.04	Line	-	19.02	0.05	0.11	9.88						
AV	361.5k	21.01	48.70	-27.69	10.04	Line	-	10.97	0.05	0.11	9.88						
QP	18.101M	34.67	60.00	-25.33	11.02	Line	-	23.65	0.31	0.35	10.36						
AV	18.101M	23.03	50.00	-26.97	11.02	Line	-	12.01	0.31	0.35	10.36						
QP	21.215M	36.50	60.00	-23.50	11.05	Line	-	25.45	0.34	0.36	10.35						
AV	21.215M	28.70	50.00	-21.30	11.05	Line	-	17.65	0.34	0.36	10.35						
QP	25.148M	36.86	60.00	-23.14	11.12	Line	-	25.74	0.39	0.43	10.30						
AV	25.148M	29.97	50.00	-20.03	11.12	Line	-	18.85	0.39	0.43	10.30						

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	51.32	66.00	-14.68	10.06	Neutral	"Worst"	41.26	0.08	0.10	9.88						
AV	150k	35.17	56.00	-20.83	10.06	Neutral	-	25.11	0.08	0.10	9.88						
QP	204k	43.86	63.44	-19.58	9.90	Neutral	-	33.96	0.08	0.06	9.76						
AV	204k	29.54	53.44	-23.90	9.90	Neutral	-	19.64	0.08	0.06	9.76						
QP	438k	25.65	57.11	-31.46	10.10	Neutral	-	15.55	0.08	0.12	9.90						
AV	438k	18.82	47.11	-28.29	10.10	Neutral	-	8.72	0.08	0.12	9.90						
QP	3.858M	33.26	56.00	-22.74	10.06	Neutral	-	23.20	0.16	0.14	9.76						
AV	3.858M	26.19	46.00	-19.81	10.06	Neutral	-	16.13	0.16	0.14	9.76						
QP	21.561M	37.46	60.00	-22.54	11.06	Neutral	-	26.40	0.34	0.37	10.35						
AV	21.561M	29.61	50.00	-20.39	11.06	Neutral	-	18.55	0.34	0.37	10.35						
QP	25.085M	37.02	60.00	-22.98	11.13	Neutral	-	25.89	0.40	0.43	10.30						
AV	25.085M	30.06	50.00	-19.94	11.13	Neutral	-	18.93	0.40	0.43	10.30						



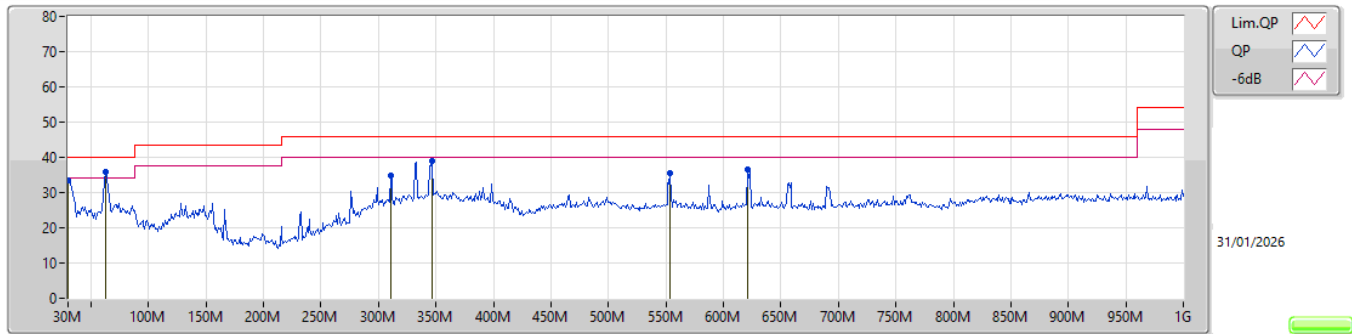
Radiated Emissions below 1GHz

Appendix B.1

Summary

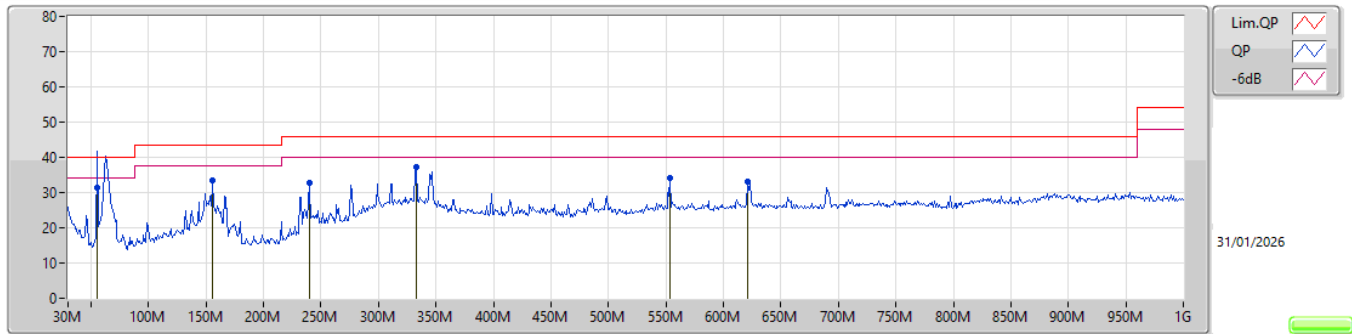
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	62.98M	35.96	40.00	-4.04	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	30M	33.34	40.00	-6.66	-6.87	3	Vertical	4	3.00	-	40.21	23.41	0.32	30.60		
PK	62.98M	35.96	40.00	-4.04	-18.32	3	Vertical	208	1.00	"Worst"	54.28	12.70	0.63	31.65		
PK	310.33M	34.90	46.00	-11.10	-10.60	3	Vertical	189	1.50	-	45.50	19.39	1.83	31.82		
PK	346.22M	38.95	46.00	-7.05	-9.73	3	Vertical	189	1.50	-	48.68	20.12	1.97	31.82		
PK	553.8M	35.65	46.00	-10.35	-4.71	3	Vertical	174	2.00	-	40.36	24.73	2.59	32.03		
PK	620.73M	36.71	46.00	-9.29	-4.16	3	Vertical	168	1.50	-	40.87	25.34	2.77	32.27		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	55.22M	31.54	40.00	-8.46	-18.02	3	Horizontal	336	2.00	"Worst"	49.56	13.01	0.57	31.60		
PK	156.1M	33.31	43.50	-10.19	-14.15	3	Horizontal	184	2.00	-	47.46	16.31	1.19	31.65		
PK	240M	32.71	46.00	-13.29	-12.91	3	Horizontal	189	1.25	-	45.62	17.25	1.57	31.73		
PK	332.64M	37.12	46.00	-8.88	-10.27	3	Horizontal	244	1.00	-	47.39	19.64	1.91	31.82		
PK	553.8M	34.18	46.00	-11.82	-4.71	3	Horizontal	216	1.50	-	38.89	24.73	2.59	32.03		
PK	620.73M	33.20	46.00	-12.80	-4.16	3	Horizontal	89	1.50	-	37.36	25.34	2.77	32.27		

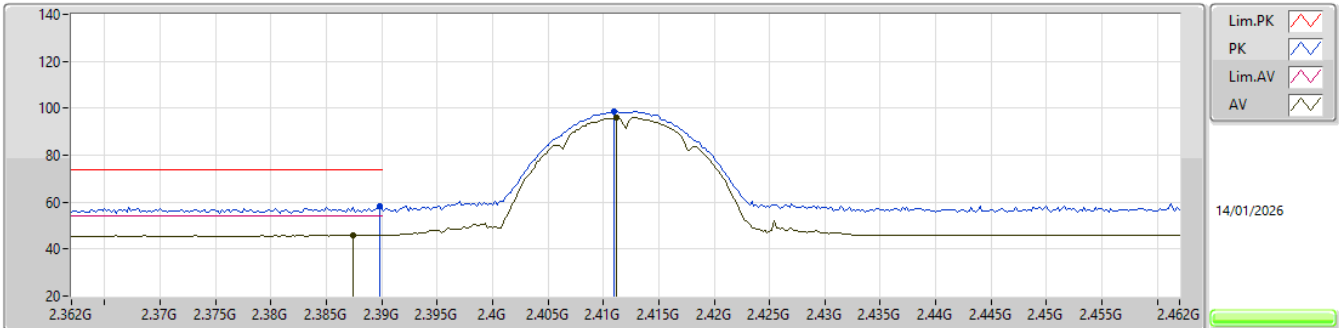


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1.(MCS0)_1TX	Pass	AV	2.39G	53.93	54.00	-0.07	3	Vertical	55	1.80	-

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

2412MHz_TX

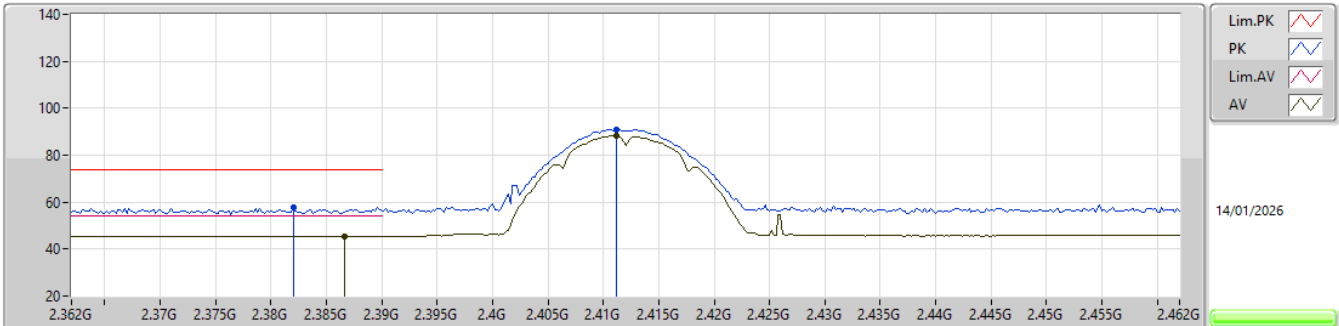


EUT_X_1TX
Setting 10
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3898G	58.19	74.00	-15.81	25.89	3	Vertical	56	1.80	-	27.30	5.00	-				
AV	2.3874G	45.92	54.00	-8.08	13.65	3	Vertical	56	1.80	-	27.27	5.00	-				
PK	2.411G	98.73	Inf	-Inf	66.20	3	Vertical	56	1.80	-	27.50	5.03	-				
AV	2.4112G	96.04	Inf	-Inf	63.51	3	Vertical	56	1.80	-	27.50	5.03	-				

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

2412MHz_TX

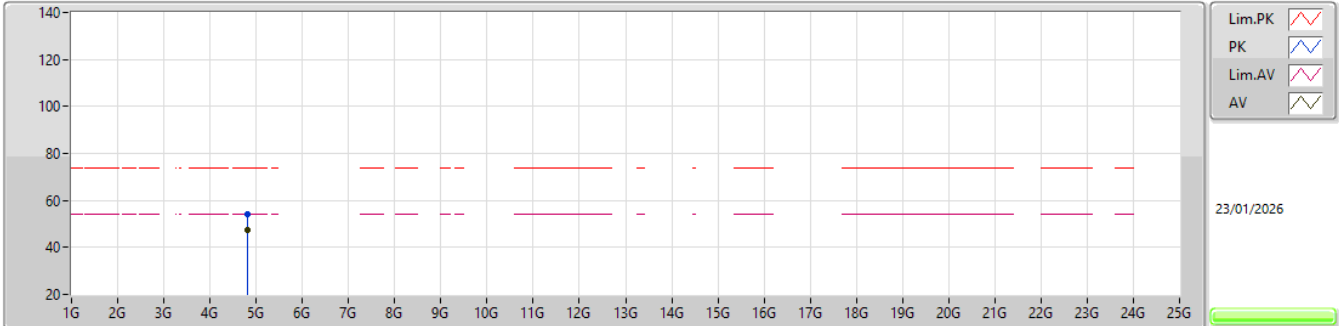


EUT_X_1TX
Setting 10
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.382G	57.91	74.00	-16.09	25.70	3	Horizontal	186	1.01	-	27.22	4.99	-				
AV	2.3866G	45.45	54.00	-8.55	13.18	3	Horizontal	186	1.01	-	27.27	5.00	-				
PK	2.4112G	91.00	Inf	-Inf	58.47	3	Horizontal	186	1.01	-	27.50	5.03	-				
AV	2.4112G	88.48	Inf	-Inf	55.95	3	Horizontal	186	1.01	-	27.50	5.03	-				

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

2412MHz_TX

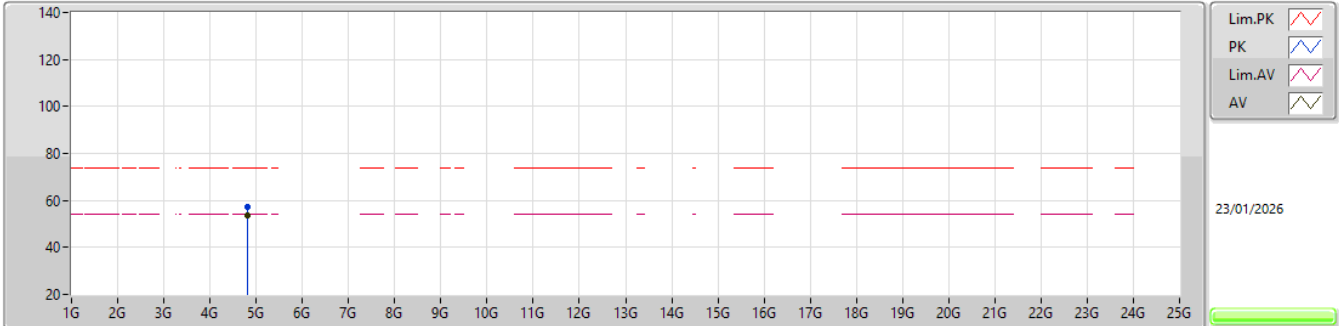


EUT_X_1TX
Setting 10
06-U-J-5

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	4.82404G	54.12	74.00	-19.88	49.86	3	Vertical	90	1.80	-	31.20	6.73	33.67				
AV	4.82396G	47.37	54.00	-6.63	43.11	3	Vertical	90	1.80	-	31.20	6.73	33.67				

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

2412MHz_TX

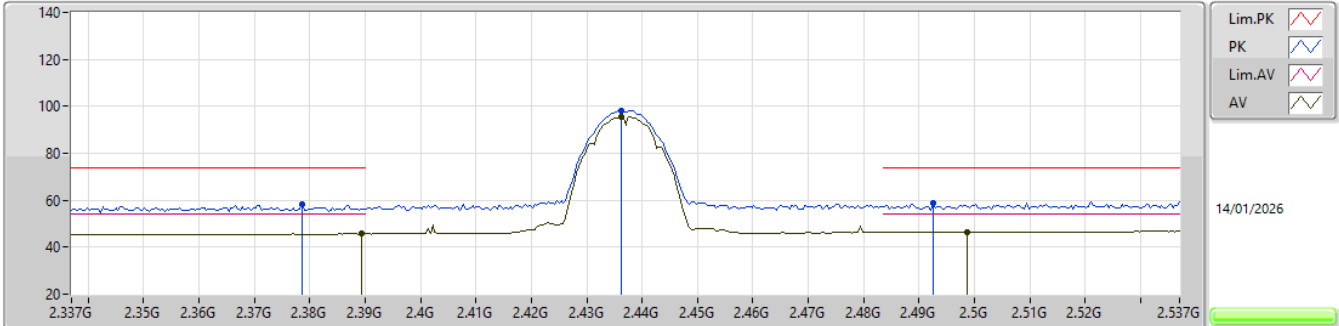


EUT_X_1TX
Setting 10
06-U-J-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82384G	57.03	74.00	-16.97	52.77	3	Horizontal	60	2.88	-	31.20	6.73	33.67			
AV	4.82396G	53.49	54.00	-0.51	49.23	3	Horizontal	60	2.88	-	31.20	6.73	33.67			

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

2437MHz_TX

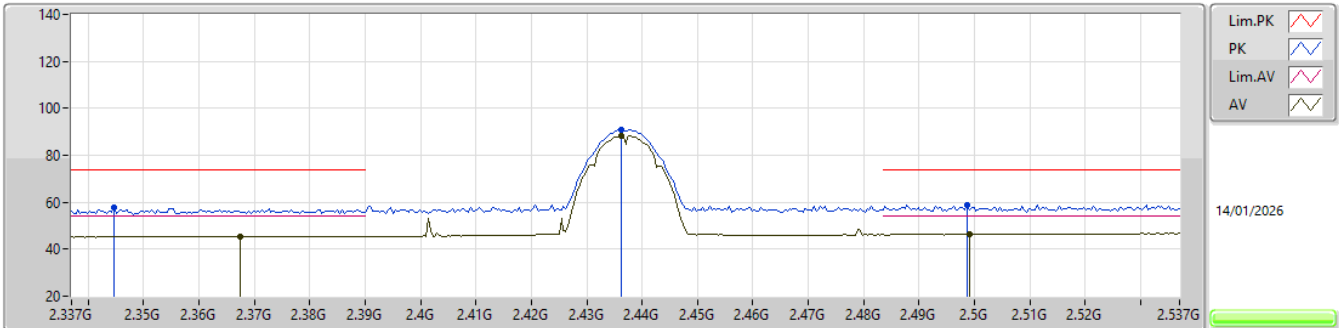


EUT_X_1TX
Setting 11
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3786G	58.02	74.00	-15.98	25.83	3	Vertical	40	1.80	-	27.20	4.99	-				
AV	2.3894G	45.67	54.00	-8.33	13.38	3	Vertical	40	1.80	-	27.29	5.00	-				
PK	2.4362G	98.17	Inf	-Inf	65.57	3	Vertical	40	1.80	-	27.54	5.06	-				
AV	2.4362G	95.54	Inf	-Inf	62.94	3	Vertical	40	1.80	-	27.54	5.06	-				
PK	2.4926G	58.65	74.00	-15.35	25.58	3	Vertical	40	1.80	-	27.93	5.14	-				
AV	2.4986G	46.43	54.00	-7.57	13.29	3	Vertical	40	1.80	-	27.99	5.15	-				

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

2437MHz_TX

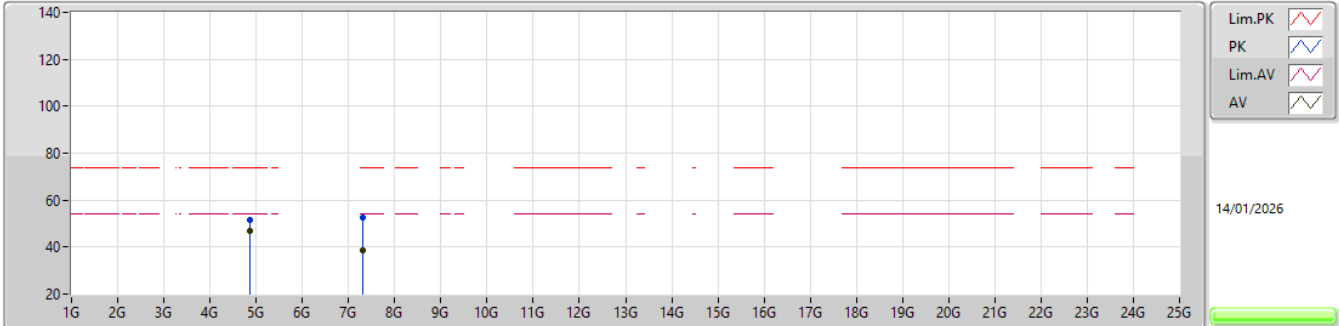


EUT_X_1TX
Setting 11
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3446G	57.89	74.00	-16.11	25.78	3	Horizontal	185	1.00	-	27.15	4.96	-				
AV	2.3674G	45.46	54.00	-8.54	13.28	3	Horizontal	185	1.00	-	27.20	4.98	-				
PK	2.4362G	90.92	Inf	-Inf	58.32	3	Horizontal	185	1.00	-	27.54	5.06	-				
AV	2.4362G	88.35	Inf	-Inf	55.75	3	Horizontal	185	1.00	-	27.54	5.06	-				
PK	2.4986G	58.91	74.00	-15.09	25.77	3	Horizontal	185	1.00	-	27.99	5.15	-				
AV	2.499G	46.40	54.00	-7.60	13.26	3	Horizontal	185	1.00	-	27.99	5.15	-				

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

2437MHz_TX

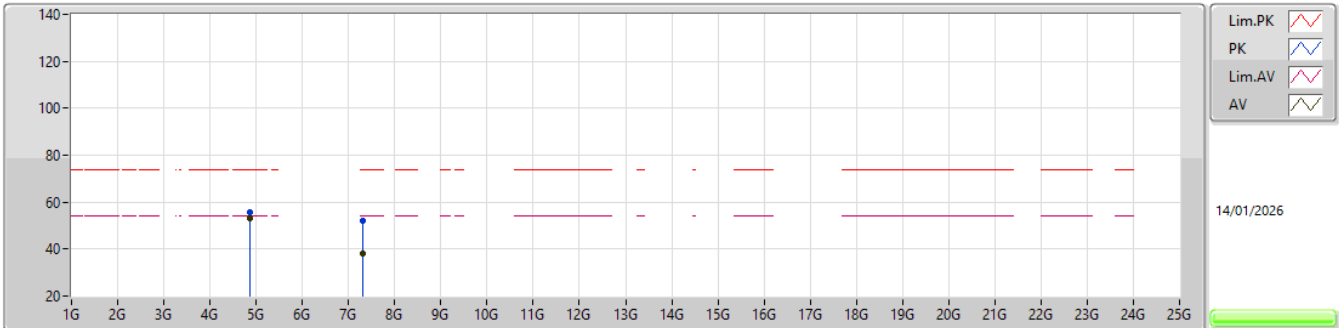


EUT_X_1TX
Setting 11
03-E-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87412G	51.47	74.00	-22.53	46.02	3	Vertical	201	1.80	-	33.55	6.82	34.92				
AV	4.874G	46.76	54.00	-7.24	41.31	3	Vertical	201	1.80	-	33.55	6.82	34.92				
PK	7.30578G	52.51	74.00	-21.49	42.14	3	Vertical	3	1.95	-	36.81	8.55	34.99				
AV	7.31238G	38.37	54.00	-15.63	27.98	3	Vertical	3	1.95	-	36.82	8.56	34.99				

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

2437MHz_TX

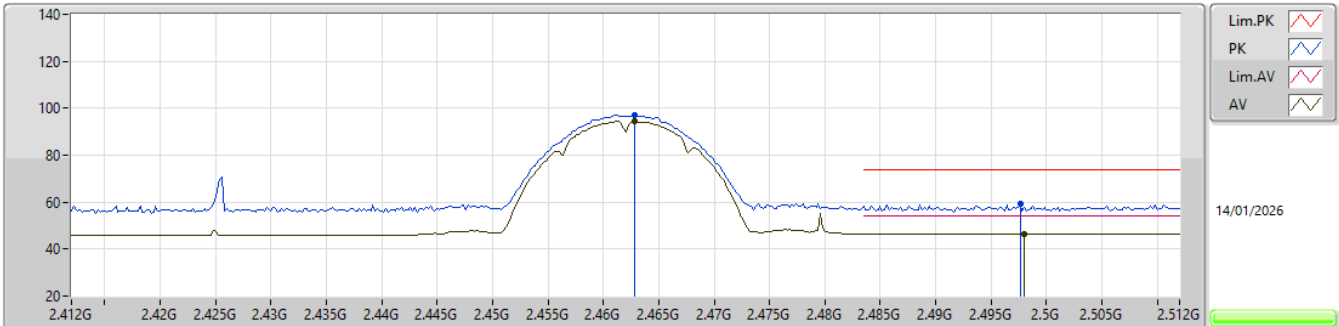


EUT_X_1TX
Setting 11
03-E-I-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87394G	55.93	74.00	-18.07	50.48	3	Horizontal	73	1.98	-	33.55	6.82	34.92				
AV	4.874G	52.98	54.00	-1.02	47.53	3	Horizontal	73	1.98	-	33.55	6.82	34.92				
PK	7.31556G	51.92	74.00	-22.08	41.51	3	Horizontal	182	2.31	-	36.83	8.56	34.98				
AV	7.30962G	38.33	54.00	-15.67	27.94	3	Horizontal	182	2.31	-	36.82	8.56	34.99				

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

2462MHz_TX

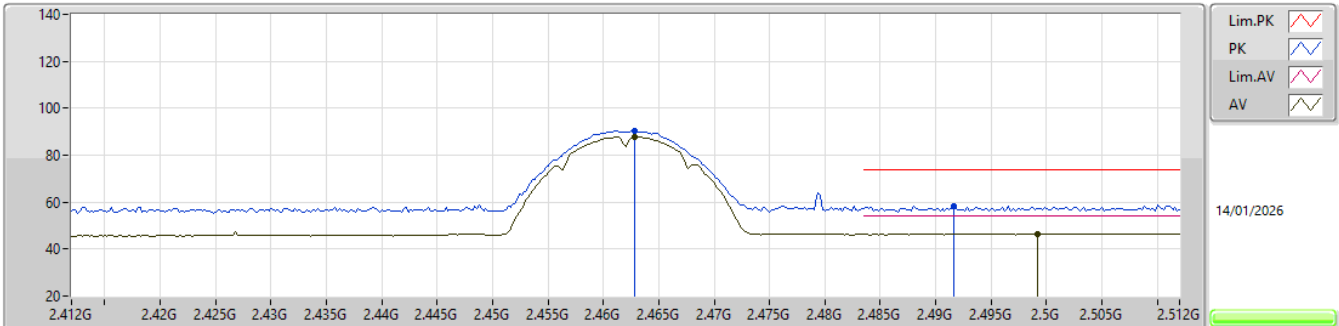


EUT_X_1TX
Setting 11
05-X-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4628G	97.11	Inf	-Inf	64.38	3	Vertical	58	1.80	-	27.63	5.10	-			
AV	2.4628G	94.50	Inf	-Inf	61.77	3	Vertical	58	1.80	-	27.63	5.10	-			
PK	2.4976G	59.26	74.00	-14.74	26.13	3	Vertical	58	1.80	-	27.98	5.15	-			
AV	2.498G	46.54	54.00	-7.46	13.41	3	Vertical	58	1.80	-	27.98	5.15	-			

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

2462MHz_TX

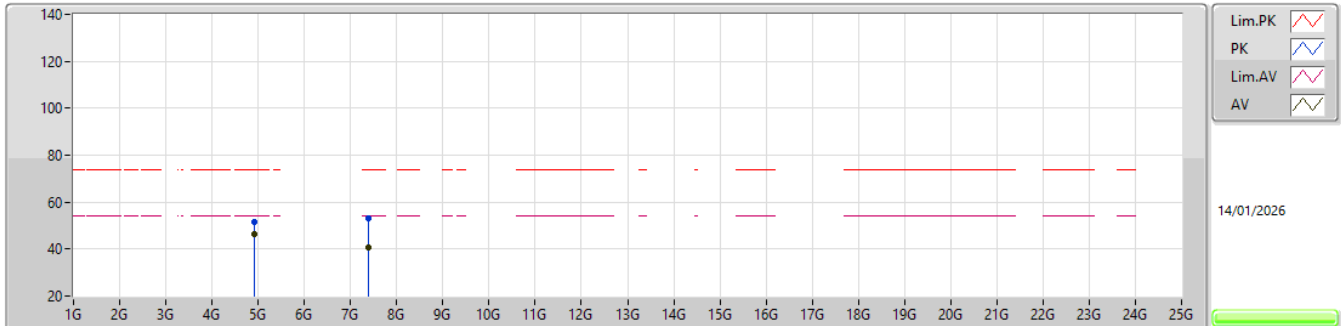


EUT_X_1TX
Setting 11
05-X-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)					
PK	2.4628G	90.50	Inf	-Inf	57.77	3	Horizontal	186	1.00	-	27.63	5.10	-					
AV	2.4628G	87.92	Inf	-Inf	55.19	3	Horizontal	186	1.00	-	27.63	5.10	-					
PK	2.4916G	58.19	74.00	-15.81	25.13	3	Horizontal	186	1.00	-	27.92	5.14	-					
AV	2.4992G	46.40	54.00	-7.60	13.26	3	Horizontal	186	1.00	-	27.99	5.15	-					

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

2462MHz_TX

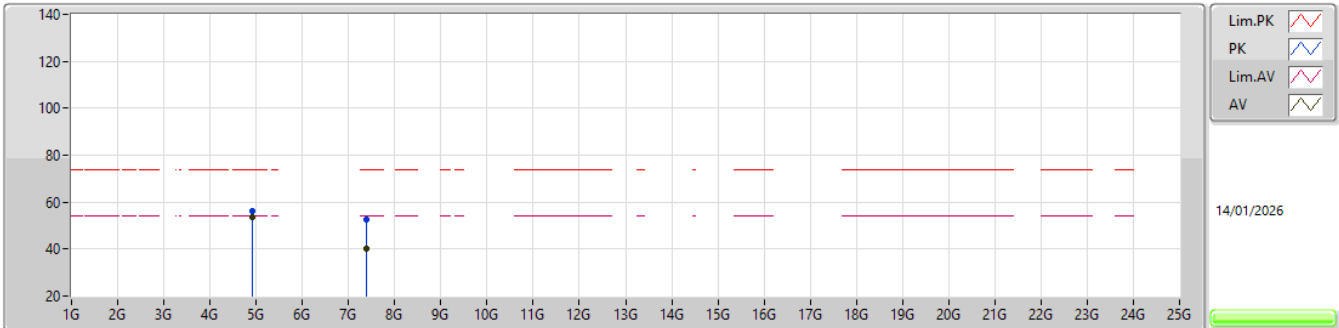


EUT_X_1TX
Setting 11
05-X-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92404G	51.52	74.00	-22.48	46.55	3	Vertical	96.1	1.80	-	32.95	7.19	35.17				
AV	4.92398G	46.30	54.00	-7.70	41.33	3	Vertical	96.1	1.80	-	32.95	7.19	35.17				
PK	7.38692G	53.29	74.00	-20.71	41.92	3	Vertical	73	1.80	-	36.70	8.67	34.00				
AV	7.38678G	40.86	54.00	-13.14	29.48	3	Vertical	73	1.80	-	36.71	8.67	34.00				

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

2462MHz_TX

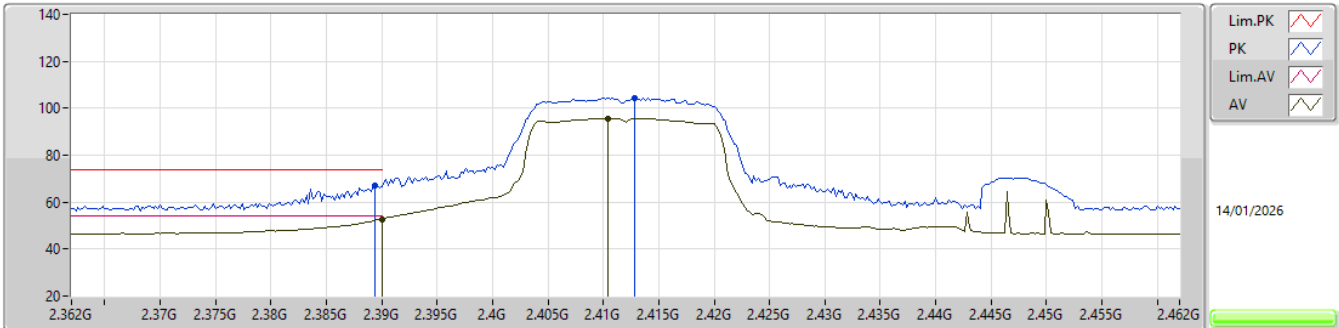


EUT_X_1TX
Setting 11
05-X-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.9239G	56.15	74.00	-17.85	51.18	3	Horizontal	66	2.20	-	32.95	7.19	35.17				
AV	4.92398G	53.37	54.00	-0.63	48.40	3	Horizontal	66	2.20	-	32.95	7.19	35.17				
PK	7.38182G	52.78	74.00	-21.22	41.38	3	Horizontal	56	1.80	-	36.75	8.66	34.01				
AV	7.38516G	40.37	54.00	-13.63	28.99	3	Horizontal	56	1.80	-	36.72	8.66	34.00				

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

2412MHz_TX

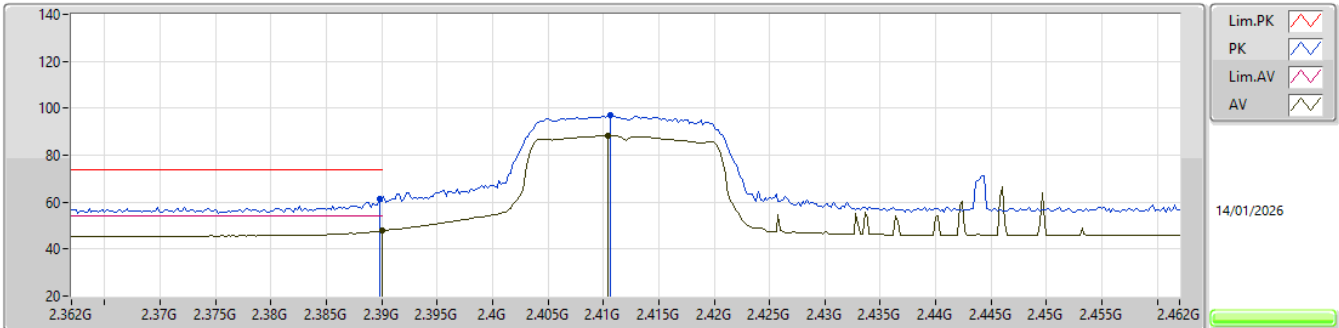


EUT_X_1TX
Setting 13
05-X-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.3894G	67.26	74.00	-6.74	34.97	3	Vertical	55	1.80	-	27.29	5.00	-				
AV	2.39G	52.74	54.00	-1.26	20.44	3	Vertical	55	1.80	-	27.30	5.00	-				
PK	2.4128G	104.32	Inf	-Inf	71.79	3	Vertical	55	1.80	-	27.50	5.03	-				
AV	2.4104G	95.76	Inf	-Inf	63.24	3	Vertical	55	1.80	-	27.50	5.02	-				

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

2412MHz_TX

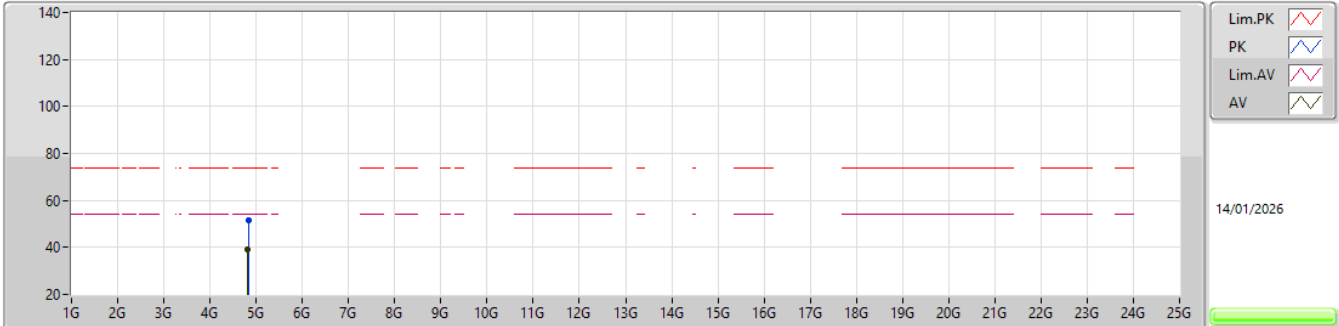


EUT_X_1TX
Setting 13
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	61.39	74.00	-12.61	29.09	3	Horizontal	186	1.00	-	27.30	5.00	-			
AV	2.39G	47.74	54.00	-6.26	15.44	3	Horizontal	186	1.00	-	27.30	5.00	-			
PK	2.4106G	96.83	Inf	-Inf	64.31	3	Horizontal	186	1.00	-	27.50	5.02	-			
AV	2.4104G	88.26	Inf	-Inf	55.74	3	Horizontal	186	1.00	-	27.50	5.02	-			

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

2412MHz_TX

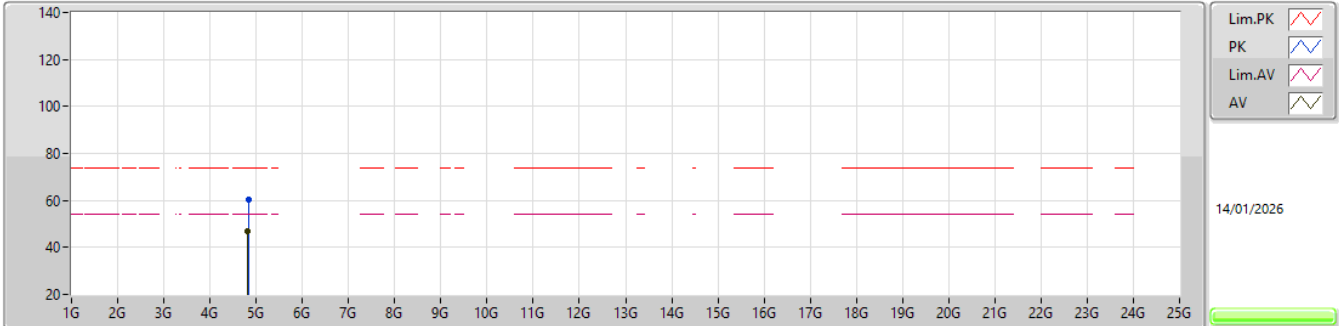


EUT_X_1TX
Setting 13
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8261G	51.81	74.00	-22.19	47.39	3	Vertical	96.6	1.80	-	32.51	7.09	35.18			
AV	4.8245G	39.06	54.00	-14.94	34.65	3	Vertical	96.6	1.80	-	32.50	7.09	35.18			

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

2412MHz_TX

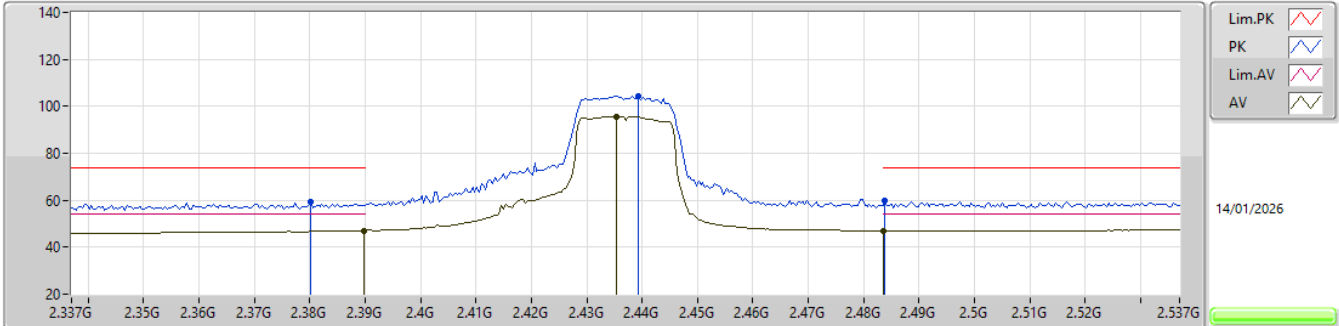


EUT_X_1TX
Setting 13
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82592G	60.45	74.00	-13.55	56.03	3	Horizontal	342	3.00	-	32.51	7.09	35.18			
AV	4.82384G	46.78	54.00	-7.22	42.38	3	Horizontal	342	3.00	-	32.49	7.09	35.18			

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

2437MHz_TX

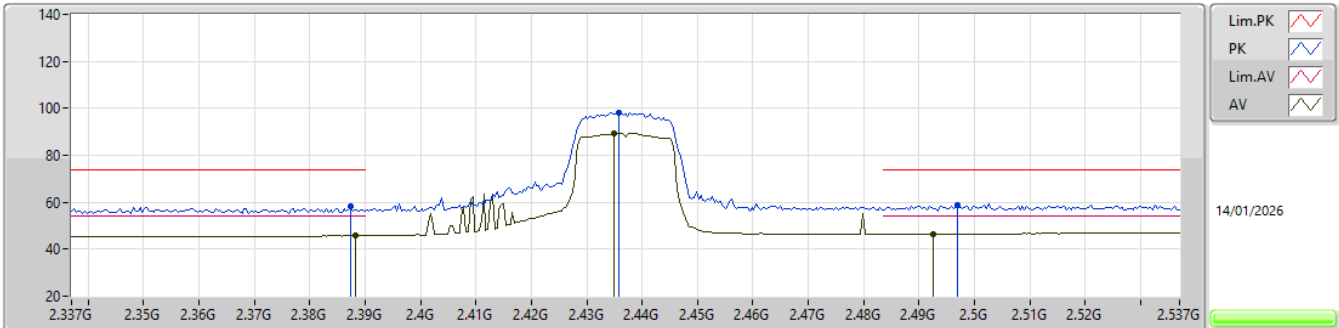


EUT_X_1TX
Setting 15
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3802G	59.11	74.00	-14.89	26.92	3	Vertical	53	1.80	-	27.20	4.99	-				
AV	2.3898G	47.13	54.00	-6.87	14.83	3	Vertical	53	1.80	-	27.30	5.00	-				
PK	2.4394G	104.36	Inf	-Inf	71.78	3	Vertical	53	1.80	-	27.51	5.07	-				
AV	2.4354G	95.76	Inf	-Inf	63.15	3	Vertical	53	1.80	-	27.55	5.06	-				
PK	2.4838G	59.81	74.00	-14.19	26.84	3	Vertical	53	1.80	-	27.84	5.13	-				
AV	2.4835G	47.09	54.00	-6.91	14.12	3	Vertical	53	1.80	-	27.84	5.13	-				

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

2437MHz_TX

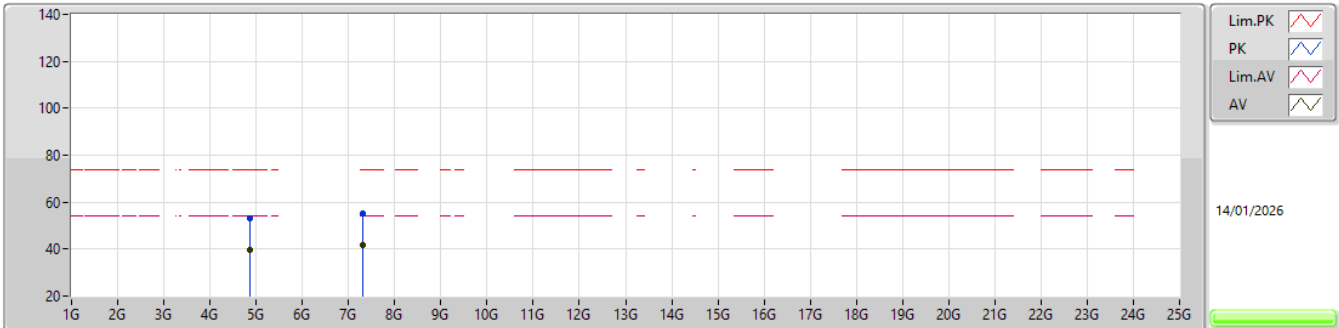


EUT_X_1TX
Setting 15
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3874G	58.19	74.00	-15.81	25.92	3	Horizontal	185	1.00	-	27.27	5.00	-			
AV	2.3882G	45.80	54.00	-8.20	13.52	3	Horizontal	185	1.00	-	27.28	5.00	-			
PK	2.4358G	98.31	Inf	-Inf	65.71	3	Horizontal	185	1.00	-	27.54	5.06	-			
AV	2.435G	89.34	Inf	-Inf	56.73	3	Horizontal	185	1.00	-	27.55	5.06	-			
PK	2.497G	58.72	74.00	-15.28	25.60	3	Horizontal	185	1.00	-	27.97	5.15	-			
AV	2.4926G	46.60	54.00	-7.40	13.53	3	Horizontal	185	1.00	-	27.93	5.14	-			

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

2437MHz_TX

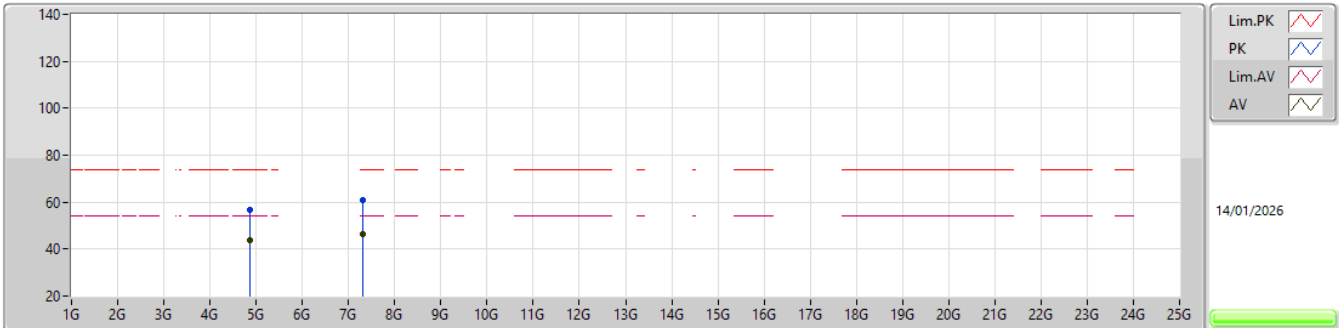


EUT_X_1TX
Setting 15
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87624G	53.02	74.00	-20.98	48.25	3	Vertical	88	1.80	-	32.80	7.14	35.17				
AV	4.874G	39.59	54.00	-14.41	34.82	3	Vertical	88	1.80	-	32.80	7.14	35.17				
PK	7.31108G	55.02	74.00	-18.98	43.45	3	Vertical	73	1.80	-	37.08	8.58	34.09				
AV	7.30884G	41.95	54.00	-12.05	30.38	3	Vertical	73	1.80	-	37.08	8.58	34.09				

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

2437MHz_TX

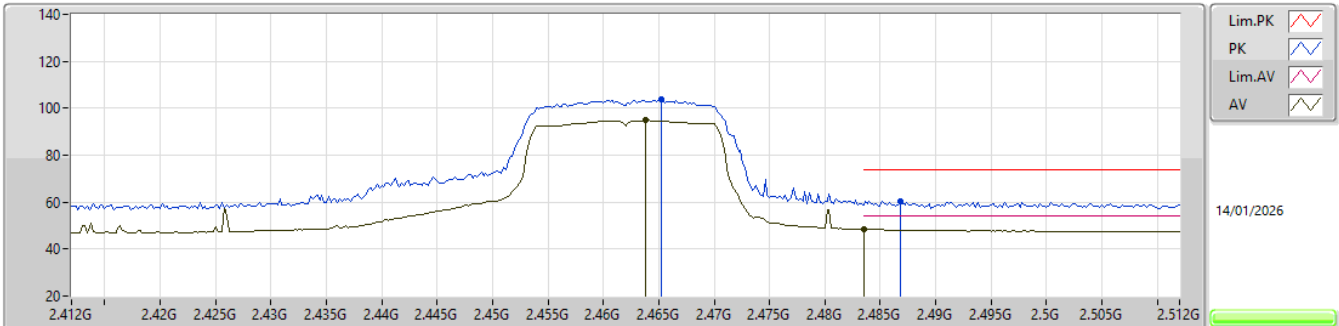


EUT_X_1TX
Setting 15
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87448G	56.74	74.00	-17.26	51.97	3	Horizontal	358	3.00	-	32.80	7.14	35.17				
AV	4.87272G	43.93	54.00	-10.07	39.17	3	Horizontal	358	3.00	-	32.79	7.14	35.17				
PK	7.31196G	60.71	74.00	-13.29	49.14	3	Horizontal	66.1	2.47	-	37.08	8.58	34.09				
AV	7.30884G	46.58	54.00	-7.42	35.01	3	Horizontal	66.1	2.47	-	37.08	8.58	34.09				

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

2462MHz_TX

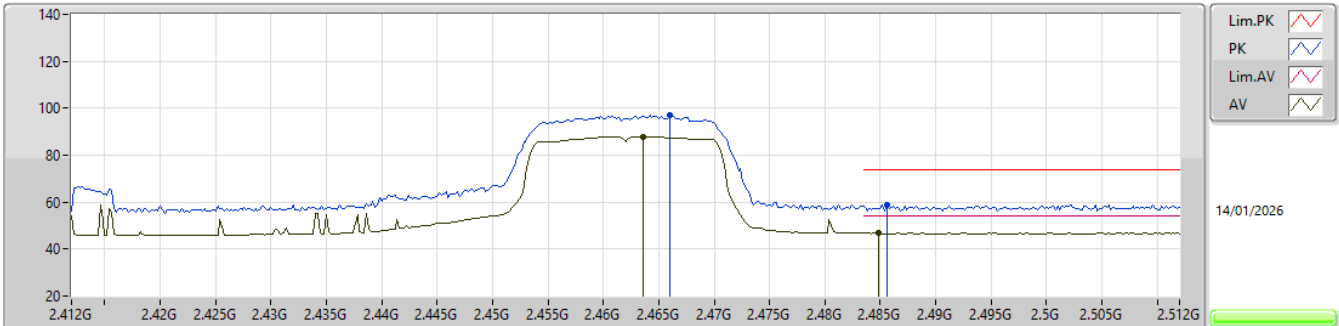


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4652G	103.62	Inf	-Inf	70.87	3	Vertical	57	1.80	-	27.65	5.10	-			
AV	2.4638G	94.79	Inf	-Inf	62.05	3	Vertical	57	1.80	-	27.64	5.10	-			
PK	2.4868G	60.49	74.00	-13.51	27.49	3	Vertical	57	1.80	-	27.87	5.13	-			
AV	2.4835G	48.47	54.00	-5.53	15.50	3	Vertical	57	1.80	-	27.84	5.13	-			

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

2462MHz_TX

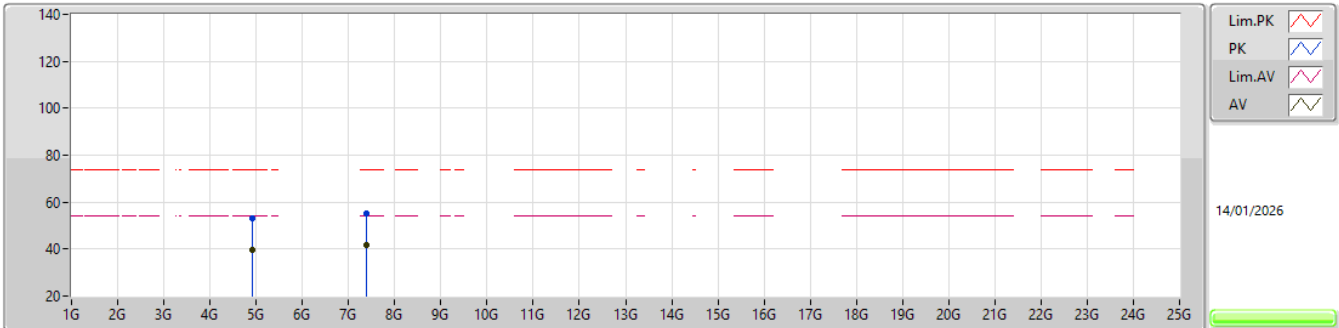


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.466G	97.32	Inf	-Inf	64.56	3	Horizontal	186	1.00	-	27.66	5.10	-				
AV	2.4636G	87.96	Inf	-Inf	55.22	3	Horizontal	186	1.00	-	27.64	5.10	-				
PK	2.4856G	58.75	74.00	-15.25	25.76	3	Horizontal	186	1.00	-	27.86	5.13	-				
AV	2.4848G	46.75	54.00	-7.25	13.77	3	Horizontal	186	1.00	-	27.85	5.13	-				

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

2462MHz_TX

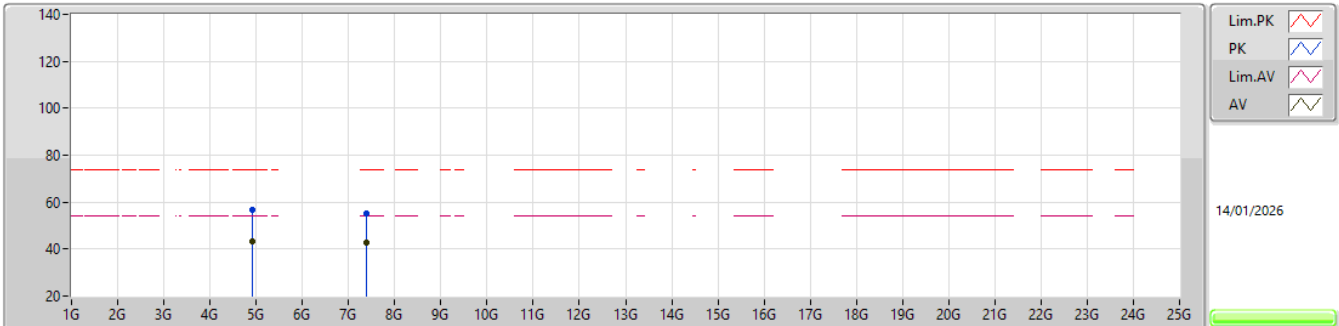


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92144G	53.01	74.00	-20.99	48.05	3	Vertical	66	3.00	-	32.94	7.19	35.17				
AV	4.92264G	39.48	54.00	-14.52	34.51	3	Vertical	66	3.00	-	32.95	7.19	35.17				
PK	7.388G	55.15	74.00	-18.85	43.78	3	Vertical	53	1.80	-	36.70	8.67	34.00				
AV	7.3836G	41.51	54.00	-12.49	30.13	3	Vertical	53	1.80	-	36.73	8.66	34.01				

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

2462MHz_TX

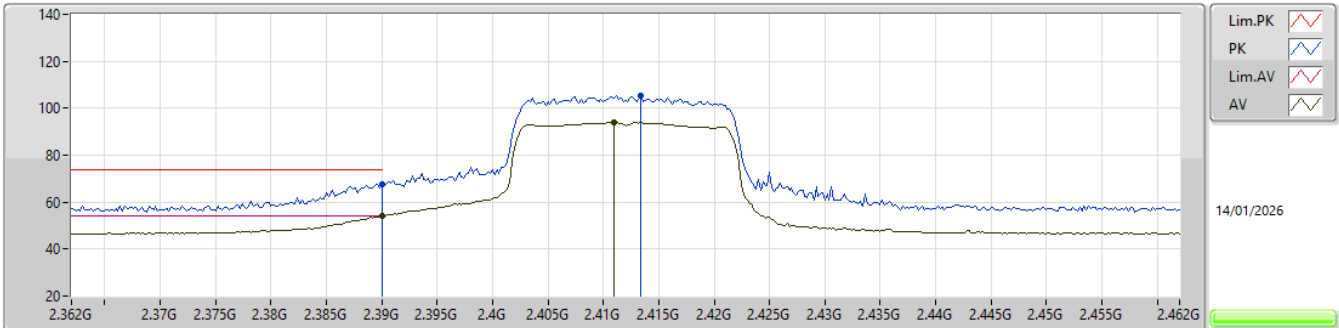


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92168G	56.70	74.00	-17.30	51.74	3	Horizontal	64.4	2.34	-	32.94	7.19	35.17			
AV	4.92272G	43.37	54.00	-10.63	38.40	3	Horizontal	64.4	2.34	-	32.95	7.19	35.17			
PK	7.38912G	55.39	74.00	-18.61	44.03	3	Horizontal	170	1.12	-	36.69	8.67	34.00			
AV	7.38736G	42.99	54.00	-11.01	31.62	3	Horizontal	170	1.12	-	36.70	8.67	34.00			

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

2412MHz_TX

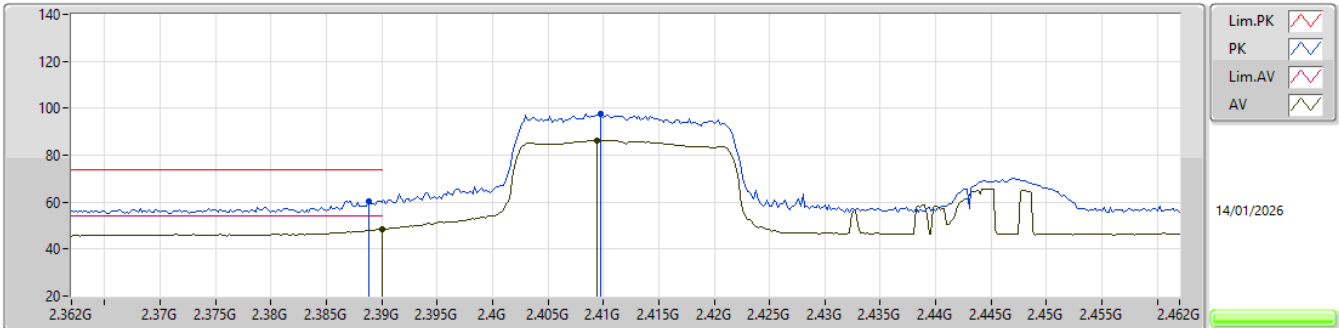


EUT_X_1TX
Setting 12
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	67.46	74.00	-6.54	35.16	3	Vertical	55	1.80	-	27.30	5.00	-			
AV	2.39G	53.93	54.00	-0.07	21.63	3	Vertical	55	1.80	-	27.30	5.00	-			
PK	2.4134G	105.43	Inf	-Inf	72.90	3	Vertical	55	1.80	-	27.50	5.03	-			
AV	2.411G	93.85	Inf	-Inf	61.32	3	Vertical	55	1.80	-	27.50	5.03	-			

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

2412MHz_TX

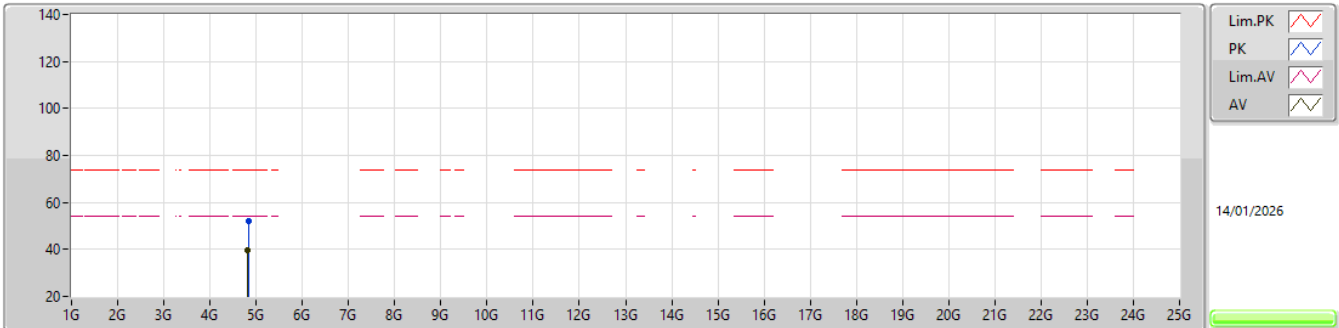


EUT_X_1TX
Setting 12
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3888G	60.45	74.00	-13.55	28.16	3	Horizontal	185	1.00	-	27.29	5.00	-				
AV	2.39G	48.62	54.00	-5.38	16.32	3	Horizontal	185	1.00	-	27.30	5.00	-				
PK	2.4098G	97.48	Inf	-Inf	64.96	3	Horizontal	185	1.00	-	27.50	5.02	-				
AV	2.4094G	86.24	Inf	-Inf	53.73	3	Horizontal	185	1.00	-	27.49	5.02	-				

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

2412MHz_TX

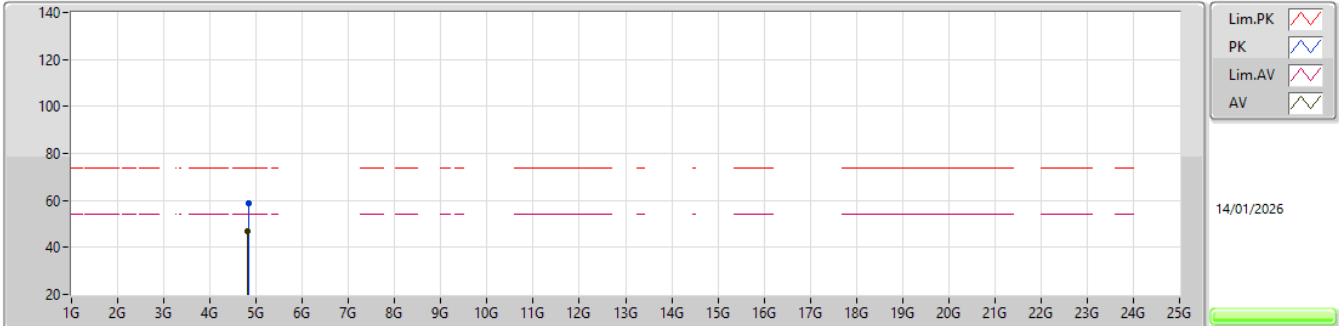


EUT_X_1TX
Setting 12
05-X-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82512G	52.25	74.00	-21.75	47.84	3	Vertical	211.7	3.00	-	32.50	7.09	35.18			
AV	4.824G	39.61	54.00	-14.39	35.21	3	Vertical	211.7	3.00	-	32.49	7.09	35.18			

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

2412MHz_TX

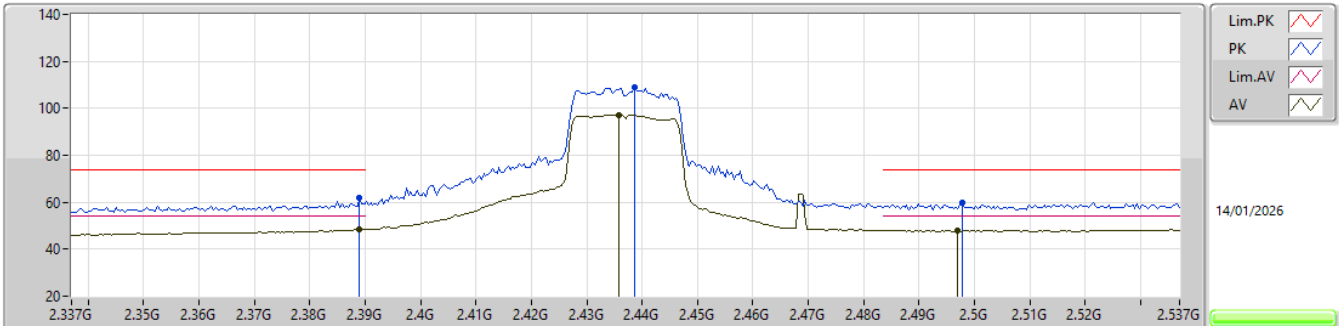


EUT_X_1TX
Setting 12
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82984G	58.76	74.00	-15.24	54.30	3	Horizontal	344	3.00	-	32.54	7.10	35.18			
AV	4.82448G	46.81	54.00	-7.19	42.40	3	Horizontal	344	3.00	-	32.50	7.09	35.18			

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

2437MHz_TX

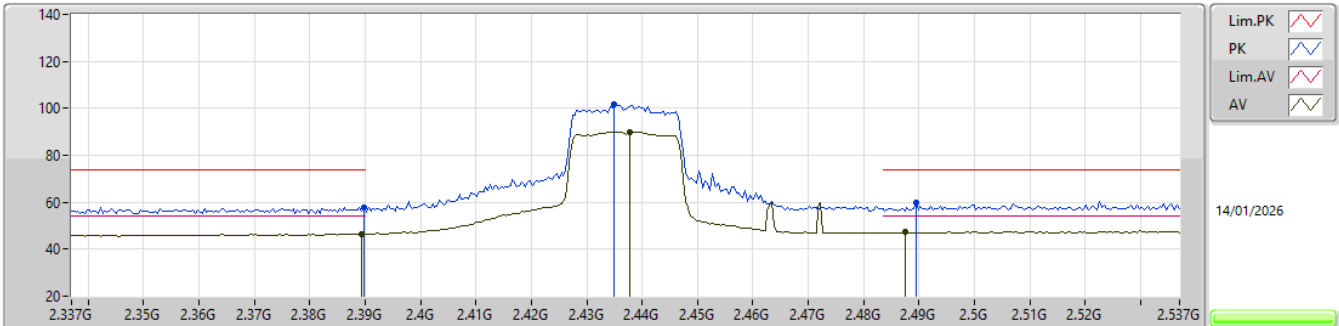


EUT_X_1TX
Setting 17
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.389G	61.76	74.00	-12.24	29.47	3	Vertical	41	1.80	-	27.29	5.00	-				
AV	2.389G	48.50	54.00	-5.50	16.21	3	Vertical	41	1.80	-	27.29	5.00	-				
PK	2.4386G	108.77	Inf	-Inf	76.20	3	Vertical	41	1.80	-	27.51	5.06	-				
AV	2.4358G	97.20	Inf	-Inf	64.60	3	Vertical	41	1.80	-	27.54	5.06	-				
PK	2.4978G	59.65	74.00	-14.35	26.52	3	Vertical	41	1.80	-	27.98	5.15	-				
AV	2.497G	48.13	54.00	-5.87	15.01	3	Vertical	41	1.80	-	27.97	5.15	-				

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

2437MHz_TX

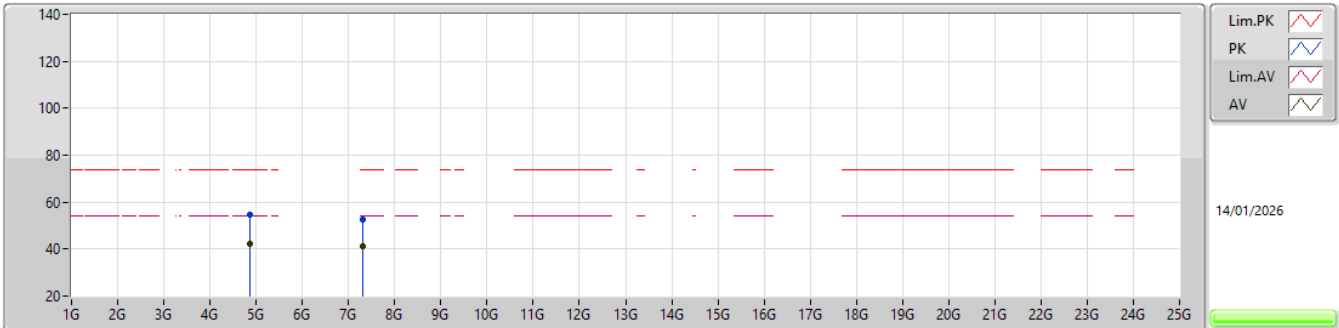


EUT_X_1TX
Setting 17
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3898G	58.00	74.00	-16.00	25.70	3	Horizontal	185	1.01	-	27.30	5.00	-				
AV	2.3894G	46.61	54.00	-7.39	14.32	3	Horizontal	185	1.01	-	27.29	5.00	-				
PK	2.435G	101.63	Inf	-Inf	69.02	3	Horizontal	185	1.01	-	27.55	5.06	-				
AV	2.4378G	90.04	Inf	-Inf	57.46	3	Horizontal	185	1.01	-	27.52	5.06	-				
PK	2.4894G	59.58	74.00	-14.42	26.55	3	Horizontal	185	1.01	-	27.89	5.14	-				
AV	2.4874G	47.25	54.00	-6.75	14.25	3	Horizontal	185	1.01	-	27.87	5.13	-				

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

2437MHz_TX

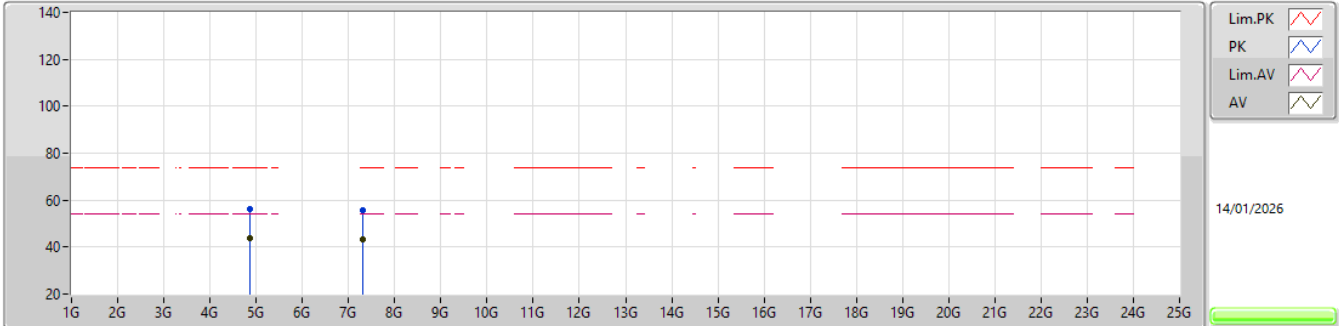


EUT_X_1TX
Setting 17
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.86512G	54.62	74.00	-19.38	49.90	3	Vertical	87	1.80	-	32.76	7.13	35.17				
AV	4.8708G	42.34	54.00	-11.66	37.59	3	Vertical	87	1.80	-	32.78	7.14	35.17				
PK	7.31172G	52.55	74.00	-21.45	40.98	3	Vertical	190	1.57	-	37.08	8.58	34.09				
AV	7.30412G	41.16	54.00	-12.84	29.60	3	Vertical	190	1.57	-	37.09	8.57	34.10				

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

2437MHz_TX

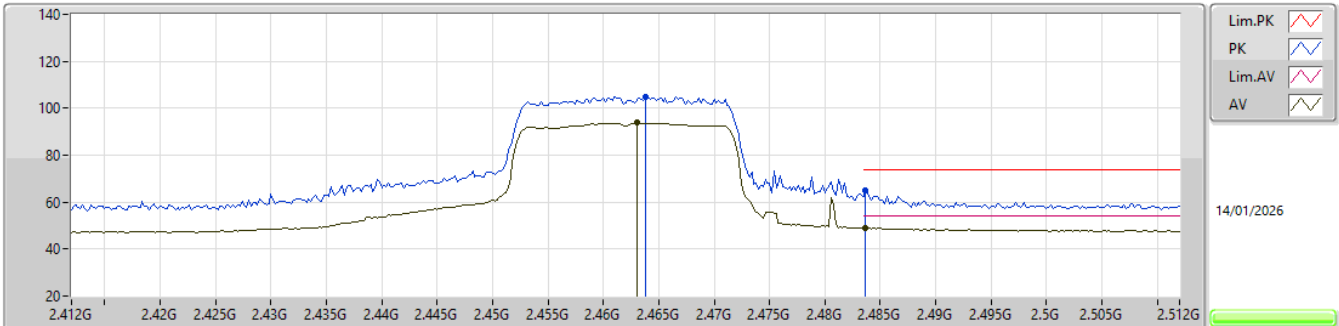


EUT_X_1TX
Setting 17
05-X-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.8714G	56.08	74.00	-17.92	51.32	3	Horizontal	358.1	1.80	-	32.79	7.14	35.17				
AV	4.8743G	43.78	54.00	-10.22	39.01	3	Horizontal	358.1	1.80	-	32.80	7.14	35.17				
PK	7.31292G	55.84	74.00	-18.16	44.28	3	Horizontal	207	2.89	-	37.07	8.58	34.09				
AV	7.31044G	43.08	54.00	-10.92	31.51	3	Horizontal	207	2.89	-	37.08	8.58	34.09				

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

2462MHz_TX

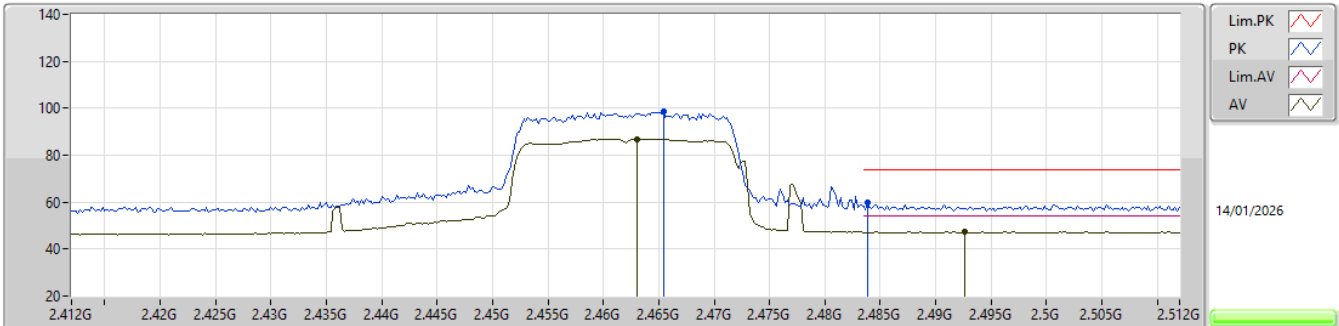


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4638G	105.05	Inf	-Inf	72.31	3	Vertical	57	1.80	-	27.64	5.10	-				
AV	2.463G	93.72	Inf	-Inf	60.99	3	Vertical	57	1.80	-	27.63	5.10	-				
PK	2.4836G	64.78	74.00	-9.22	31.81	3	Vertical	57	1.80	-	27.84	5.13	-				
AV	2.4836G	49.20	54.00	-4.80	16.23	3	Vertical	57	1.80	-	27.84	5.13	-				

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

2462MHz_TX

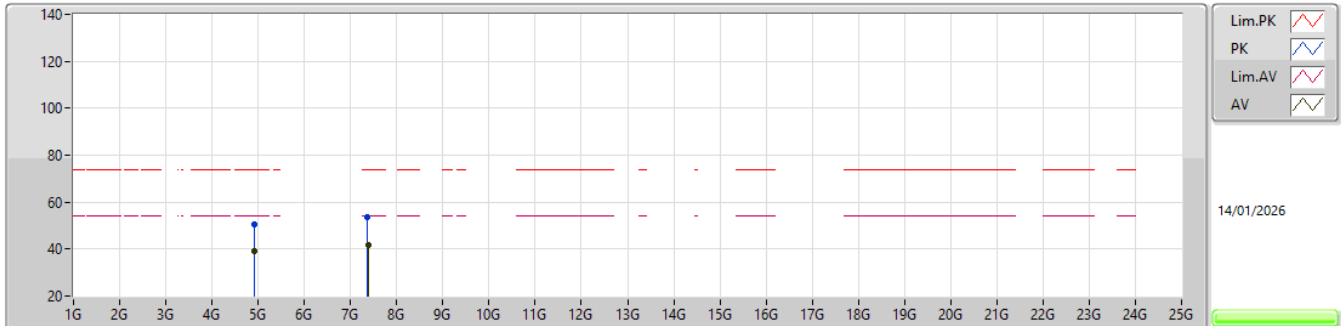


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	2.4654G	98.74	Inf	-Inf	65.99	3	Horizontal	185	1.00	-	27.65	5.10	-				
AV	2.463G	86.95	Inf	-Inf	54.22	3	Horizontal	185	1.00	-	27.63	5.10	-				
PK	2.4838G	59.93	74.00	-14.07	26.96	3	Horizontal	185	1.00	-	27.84	5.13	-				
AV	2.4926G	47.42	54.00	-6.58	14.35	3	Horizontal	185	1.00	-	27.93	5.14	-				

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

2462MHz_TX

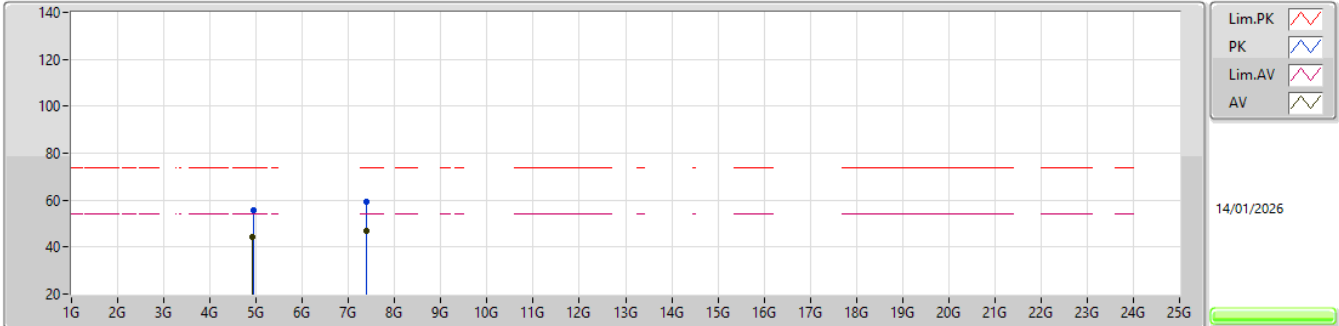


EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.91616G	50.61	74.00	-23.39	45.67	3	Vertical	67	1.80	-	32.93	7.18	35.17				
AV	4.92056G	39.04	54.00	-14.96	34.09	3	Vertical	67	1.80	-	32.94	7.18	35.17				
PK	7.36952G	53.46	74.00	-20.54	41.99	3	Vertical	74	2.34	-	36.84	8.65	34.02				
AV	7.38584G	41.68	54.00	-12.32	30.31	3	Vertical	74	2.34	-	36.71	8.66	34.00				

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

2462MHz_TX



EUT_X_1TX
Setting 14
05-X-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.93208G	55.49	74.00	-18.51	50.50	3	Horizontal	66	2.35	-	32.96	7.20	35.17				
AV	4.92064G	44.06	54.00	-9.94	39.11	3	Horizontal	66	2.35	-	32.94	7.18	35.17				
PK	7.38424G	59.38	74.00	-14.62	47.99	3	Horizontal	256	2.79	-	36.73	8.66	34.00				
AV	7.38424G	46.76	54.00	-7.24	35.37	3	Horizontal	256	2.79	-	36.73	8.66	34.00				