Test report issued under the responsibility of:
EMITECH MONTPELLIER laboratory
MRA US-EU Designation Number: FR0006
Canadian CAB Identifier: FR0003

EMC TEST REPORT

FCC 47 Part 15: 2022
ANSI C 63.4: 2014
ICES-001 Issue 5 July 2020

Company	**SECURE SYSTEMS & SERVICES**
Address.....	180 RUE RENE DESCARTES LE MILLENIUM - BAT C 13799 AIX EN PROVENCE FRANCE

Test item description.	**Door controller system (composed by 3 door controllers)**
Trade Mark.	EVOLYNX NG
Manufacturer.	SECURE SYSTEMS & SERVICES
Model/Type reference.....	Main door controller / HIP-BOX-ITL32-ACC Door controller #1 / HIP-BOX-UED4-DC Door controller #2 / HIP-BOX-UED2POE-DC
Ratings.....	85Vac to 132Vac (Main door controller) 7Vdc to 25Vdc (Door controller #1) POE (Door controller #2)

Testing Laboratory	**EMITECH MONTPELLIER laboratory**
Address.....	145 rue de Massacan 34740 VENDARGUES FRANCE

Report Reference No.....	**RC-EVE-23B464-1A**
Test procedure.	FCC IC Verification
Diffusion.....	M VAN-BORREN
Applicant's name.	SECURE SYSTEMS & SERVICES
Date of issue.....	October 4, 2023
Total number of pages.....	21
Revision.	0
Compiled by.....	Fabien MOINACHE
Approved by (+ signature).	David MONTAULON (Technical Manager)

Duplication of this test report is only permitted for an integral photographic facsimile. It includes the number of pages referenced here above. This document is the result of testing a specimen or a sample of the product submitted. It does not imply an assessment of the conformity of the whole manufactured products of the tested sample.

REPORT INDEX:

REVISION HISTORY:

Revision	Date	Modified pages	Modifications
0	October 4, 2023	/	Creation

1. GENERAL INFORMATIONS

This document submits the results of Electromagnetic Compatibility tests performed on the equipment **Door controller HIP-BOX-ITL32-ACC HIP-BOX-UED4-DC HIP-BOX-UED2POE-DC** (denominated hereafter E.U.T.: equipment under test) according to document(s) listed in §2 of this test report.

TESTING PROCEDURE AND TESTING LOCATION:

Testing Location	EMITECH MONTPELLIER laboratory
Address	145 rue de Massacan 34740 VENDARGUES FRANCE
Test procedure.	FCC IC Verification
Tested by	Fabien MOINACHE
Test supervisor	None
Date of receipt of test item	N/A
Date (s) of performance of tests	July the 6th of 2023

APPLICANT'S GENERAL INFORMATIONS:

Company name	SECURE SYSTEMS & SERVICES
Company address.	180 RUE RENE DESCARTES LE MILLENIUM - BAT C 13799 AIX EN PROVENCE FRANCE
Person(s) present during the tests.	M VAN-BORREN
Responsible.	M VAN-BORREN

GENERAL REMARKS:

The information in italics is declared by the manufacturer and is under his responsibility
The test results presented in this report relate only to the object tested.
The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.
Throughout this report the decimal separator is point.

POSSIBLE TEST CASE VERDICTS:

Test case does not apply to the test object.	N/A
Test case not performed	N/P
Test object does meet the requirement.	P (Pass)
Test object does not meet the requirement.	F (Fail)

DEFINITIONS AND ABBREVIATIONS:

E.U.T.	Equipment Under Test	AE	Ancillary Equipment	Pk	Peak detector
RBW	Resolution BandWidth	VBW	Video BandWidth	QP	Quasi-peak detector
FSOATS	Free Space Open Area Test Site	FAR	Full Anechoic Room	Av	Average detector
VP	Vertical Polarization	HP	Horizontal Polarization	RMS	Root Mean Square
RF	Radio Frequency	N.T.R	Nothing To Report	N/C	Not Communicated
SAC	Semi Anechoic Chamber				

2. REFERENCE DOCUMENT(S)

NORMATIVE REFERENCES:
The following referenced documents are necessary for the application of the present test report. **FCC 47 Part 15: 2022** Code of Federal Regulations Title 47 – Telecommunications Chapter 1 – Federal Communications Commission Part 15 – Radio frequency devices Subpart B – Unintentional Radiators **ANSI C 63.4: 2014** American National Standard for Methods of measurement of Radio-Noise from low-voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz **ICES-001 Issue 5 July 2020** Industrial, Scientific and Medical (ISM) Equipment Although the product standard uses obsolete technical standards, the latest versions of standards achievable by the laboratory will be used for testing.
INFORMATIVE REFERENCES:
The following referenced documents are not necessary for the application of the present test report but they assist the user with regard to a particular subject area.

3. EQUIPMENT TECHNICAL DESCRIPTION

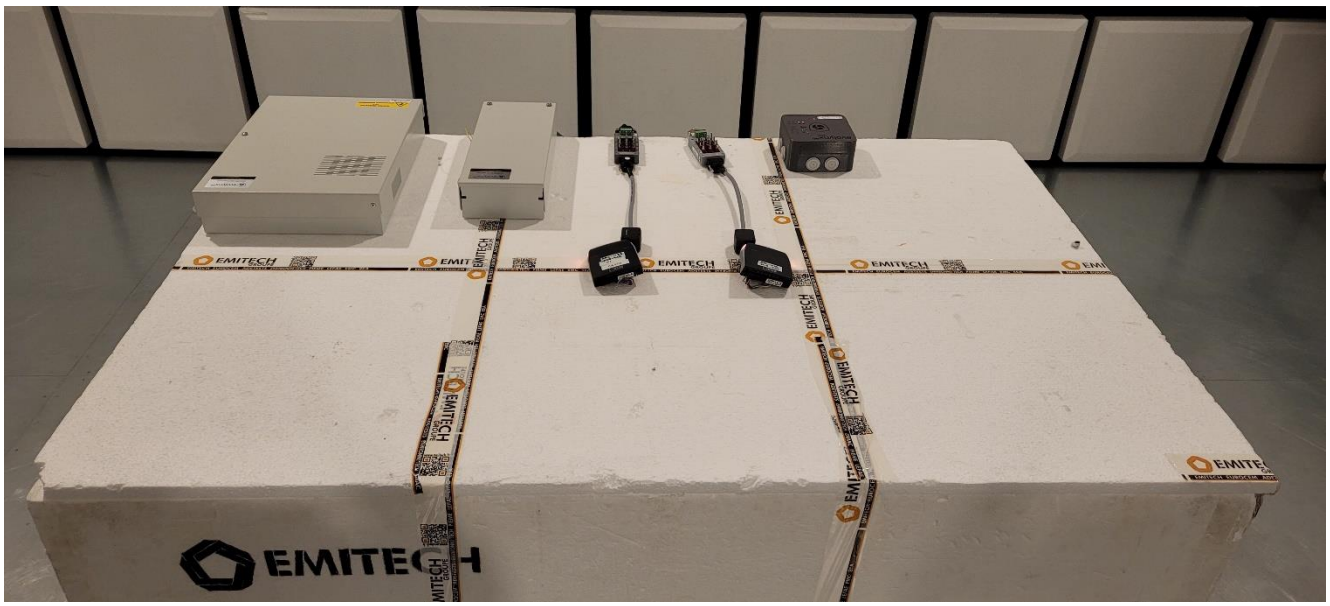
3.1. Test Conditions

Test item description.	:	Door controller system (composed by 3 door controllers)
Model/Type reference.	:	Main door controller / HIP-BOX-ITL32-ACC Door controller #1 / HIP-BOX-UED4-DC Door controller #2 / HIP-BOX-UED2POE-DC
Trade Mark.	:	EVOLYNX NG
Serial number (S/N).	:	Not communicated
Part number (P/N).	:	Not communicated
Software version.	:	*BSP 2.1.1*
Firmware version.	:	*8.2.1c14*
Type of sample.	:	Standard equipment
Function(s).	:	Door controller
Manufacturer name.	:	SECURE SYSTEMS & SERVICES
Address.	:	180 RUE RENE DESCARTES LE MILLENIUM - BAT C 13799 AIX EN PROVENCE

General product information:

N/A

3.2. System (E.U.T) General view



3.3. Main door controller

3.4. Door controller #1

intégrée sur rail DIN et en coffret

3.5. Door controller #2

Coffret UED2

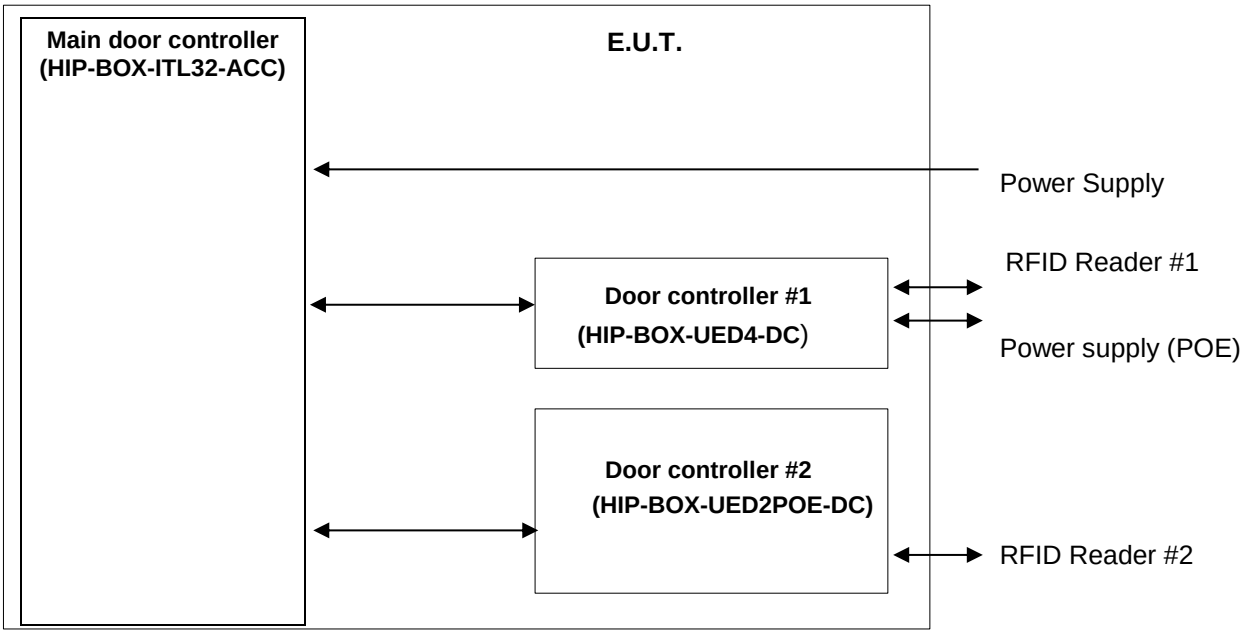
3.6. E.U.T. Mechanical and Electrical Design

Power supply.	:	*120Vac/60Hz*
Power supply range.	:	*85-132Vac (Main door controller)* *7 to 25Vdc (Door controller #1)* *POE (Door controller #2)*
Power type.	:	*AC*
Power (W)	:	*150 (Main door controller)* *2.2 (Door controller #1)* *2.2 (Door controller #2)*
Nominal current (A).	:	*3A (Main door controller)* *160mA (Door controller #1)* *50mA (Door controller #2)*
Dimensions (L x W x H) (m).	:	*0.405 x 0.310 x 0.080 (Main door controller)* *0.375 x 0.145 x 0.076 (Door controller #1)* *0.130 x 0.135 x 0.065 (Door controller #2)*
Weight (kg).	:	*4.68 (Main door controller)* *2.35 (Door controller #1)* *0.34 (Door controller #2)*
Temperature range (°C).	:	*-10°C ; +55°C*
Ground bounding strap.	:	*No*

Comments:

N/A

3.7. E.U.T. Input/Output ports



PORT	NAME	TYPE	LENGTH	CABLE TYPE	COMMENTS
0	Main frame	N/E	N/A	Plastic	N/A
1	Power Supply	AC/DC	N/A	2P+T	N/A
2	Door controller #1 power supply (POE)	DC	N/C	Shielded	N/A
3	Main door controler to Door controller #1	I/O	N/C	Shielded	N/A
4	Main door controler to Door controller #2	I/O + DC	N/C	Shielded	N/A
5	Reader #1	I/O + DC	N/C	Shielded	N/A
6	Reader #2	I/O + DC	N/C	Shielded	N/A

AC/DC : AC/DC Converter port
I/O.....: Input or Output port
N/E .....: Non Electrical port

AC.....: Alternative current port
TP .....: Telecommunication port

DC .....: Direct current port
RF.....: Radio frequency port

3.8. Supporting Equipment Used During Test

Sample subject to the tests was tested with following equipment.

PRODUCT TYPE	MANUFACTURER	MODEL	N°EMITECH / COMMENTS
RFID Reader #1	STID	ARC-W33-PH5-7AA	N/A
RFID Reader #2	STID	ARC-W33-PH5-7AA	N/A
RFID reader hardware interface #1	SECURE SYSTEMS & SERVICES	COM-TEST-ACCES	Used to connect the RFID reader to the E.U.T.
RFID reader hardware interface #2	SECURE SYSTEMS & SERVICES	COM-TEST-ACCES	Used to connect the RFID reader to the E.U.T.

RFID READER #1 & #2 (AE)

RFID READER HARDWARE INTERFACE #1 & #2 (AE)

3.9. EMC Environment and Performance Criteria

According to manufacturer's declarations :

Electromagnetic environment. ..... : *Light Industry*
Professional use ? ..... : *Yes*
Typical mounting ..... : *Wall mounted equipment*
Internal frequencies ..... : *Not communicated*
Configuration(s) ..... : *N/A*

Comments:
N/A

a) EUT OPERATION MODES:	
MODE #	**DESCRIPTION**
1	*Nominal operating mode*

4. RESULT SUMMARY

TEST DESIGNATION	SEVERITY	VERDICT	BASIC STANDARDS / COMMENTS
Conducted emission (measurement)			**ANSI C63.4: 2014**
- Power Supply 120Vac/60Hz / RF ON	15.107	**PASS**	
- Power Supply 120Vac/60Hz / RF OFF	15.107	**PASS**	
- Power Supply 120Vac/60Hz / LOAD 7A	15.107	**PASS**	
Measurement of radiated disturbances			**ANSI C63.4: 2014**
- 120Vac/60Hz power supply / RFID ON	15.109	**PASS**	
- 120Vac/60Hz power supply / RFID OFF	15.109	**PASS**	

Sample subject to the test complies for tests done with the requirements of the reference document(s) listed in §2 of this test report and, where applicable, with deviation(s) specified in this document.

To declare, or not, the compliance with the specifications, it was not explicitly taken into account of uncertainty associated with the results with the exception of emission tests based on CISPR standards.

TEST(S) PERFORMED	MODIFICATION(S)
ANSI C63.4: 2014	N/A

5. MEASUREMENT UNCERTAINTY

Uncertainties values presented below are required by standards:

PARAMETER	MAXIMAL EMITECH UNCERTAINTY	STANDARD UNCERTAINTY
Conducted emission		
(Artificial Mains Network) 9kHz – 150kHz	± 3.6 dB	± 3.8 dB
(Artificial Mains Network) 150kHz – 30MHz	± 3.4 dB	± 3.4 dB
Radiated magnetic field emission		
9kHz – 30MHz	± 2.7 dB	/
Radiated electric field emission		
(FSOATS/SAC) HP-VP 30MHz – 200MHz	± 4.8 - 5.0 dB	± 5.1 - 5.2 dB
(FSOATS/SAC) HP-VP 200MHz – 1GHz	± 5.0 - 5.0 dB	± 5.3 - 6.3 dB
(FSOATS/SAC) HP-VP with bilog. 30MHz – 1GHz	± 5.1 - 5.2 dB	± 5.3 - 6.3 dB
(FSOATS/FAR) 1GHz - 6GHz	± 5.0 / 5.2 dB	± 5.2 dB
(FSOATS/FAR) 6GHz - 18GHz	± 5.3 / 5.4 dB	± 5.5 dB
18GHz - 40GHz	± 6.1 dB	/
40GHz - 140GHz	± 5.7 dB	/

For the calculation of expanded uncertainty, the confidence interval is 95 % (k=2).

6. TEST CONDITIONS AND RESULTS

6.1. Conducted emission (measurement)

Reference standard:	FCC 47 CFR PART 15.107 : 2022 ICES-001 Issue 5 July 2020
Test method:	ANSI C63.4: 2014

General test setup: EUT is set on an insulating support at 40cm from the ground reference plane. All power was connected to the system through Artificial Mains Network (AMN). The AMN is placed at 80cm from the boundary of the EUT and bonded to a ground reference plane.

All tested telecommunications lines (if applicable) were connected to an Asymmetric Artificial Network (AAN) and conducted voltage measurements on telecommunications lines were made at the output of the AAN.

Where an AAN was not appropriate or available, measurements were made using a Capacitive Voltage Probe and/or a Current probe.

Additionnal ground terminals (if any) are connected to earth terminal of the AMN.

TESTED CABLE	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Power Supply 120Vac/60Hz / RF ON	150kHz-30MHz	15.107	EMI4539	**PASS**
Power Supply 120Vac/60Hz / RF OFF	150kHz-30MHz	15.107	EMI4539	**PASS**
Power Supply 120Vac/60Hz / Load 7A	150kHz-30MHz	15.107	EMI4540	**PASS**

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	*See Graph(s)*
Relative Humidity	30 to 60 %	*See Graph(s)*
Atmospheric pressure	N/A	*See Graph(s)*

Test method deviation: N/A

Supplementary information: The measurement “Load 7A” was performed according to the customer’s request . For this measurement, the RFID readers (AE) were replaced by a passive load to increase the EUT output current to 7 Amperes.

TEST EQUIPMENT USED

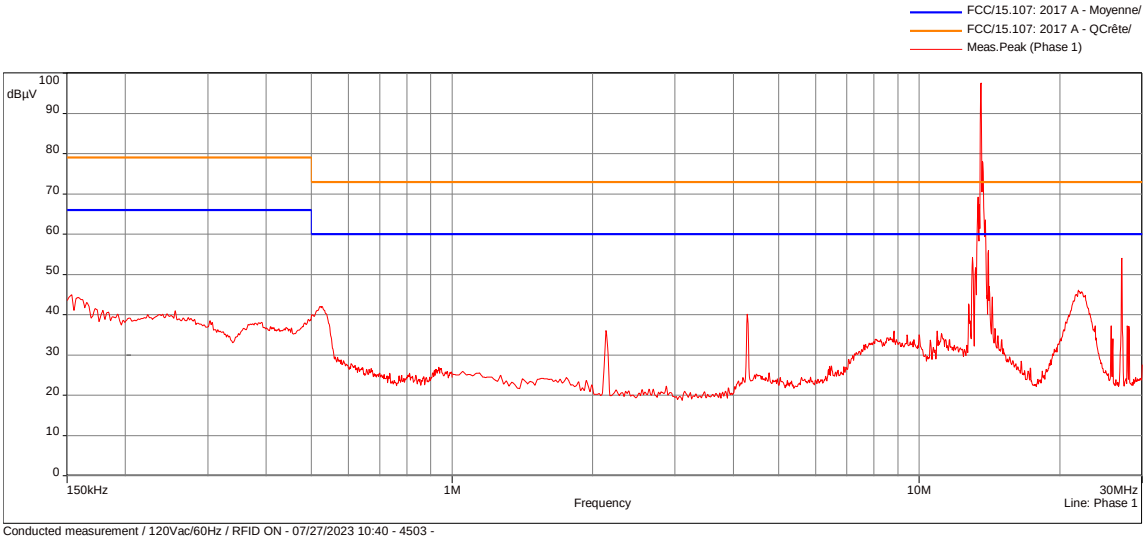
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
AC power source	KIKUSUI	PCR 4000L	15322		
Cable	EMITECH	Current absorber sheath	18366	26/01/2022	26/03/2024
Cable	/	N-3m 3GHz	16410	10/11/2021	10/01/2024
Ground plane	EMITECH	Test area	11569		
LISN	Rohde & Schwarz	ENV216	17925	24/09/2021	24/11/2023
PE choke	EMITECH	CISPR 16-2-1 : 2008	10071		
Receiver	Rohde & Schwarz	ESI	9704	21/11/2022	21/01/2024
Software	Nexio	BAT EMC	0000		
Thermohygrometer	Testo	608-H2	12269	07/06/2022	07/08/2024
Thermohygrometer	Bioblock Scientific	Météostar	0963	07/06/2021	07/08/2023

BAT-EMC software version: V3.18.0.26 Blank cells = Permanent validity

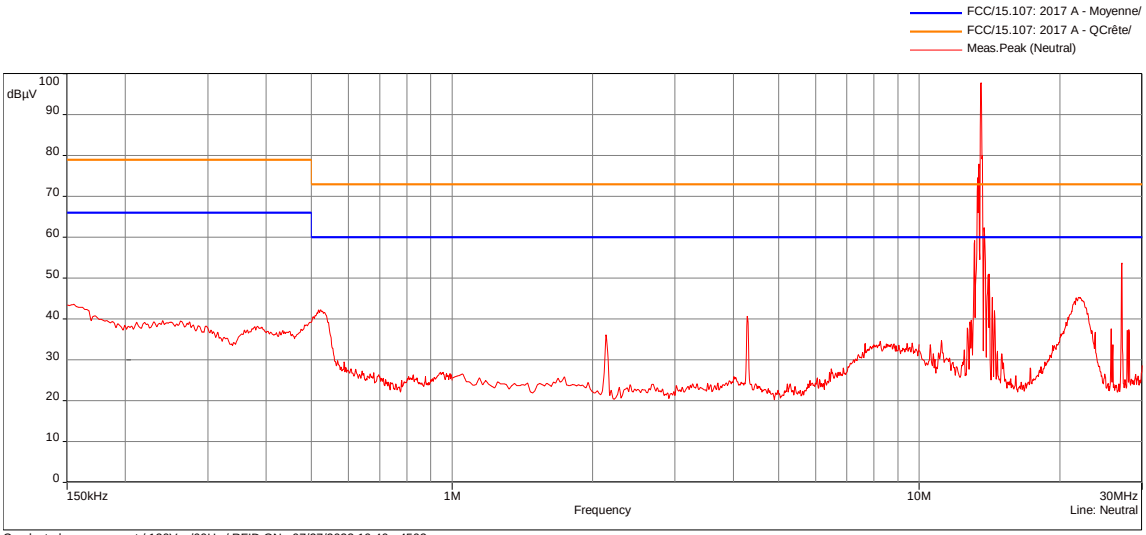
TEST SETUP PHOTO(S)


CONDUCTED EMISSION (MEASUREMENT) - TABULATED RESULTS						
CONDUCTED MEASUREMENT / 120VAC/60HZ / RFID READER OFF / LOAD 7A						EMI4540
Terminal	**Test Frequency (MHz)**	**Detector (Pk/QP/Av)**	**Gain/Loss Factor (dB)**	**Level dB (µV)**	**Limit dB (µV)**	**Margin (dB)**
Neutre	0.150	QP	9.6	39.3	79	-39.7
Neutre	0.191	QP	9.6	57.08	79	-21.92
Neutre	7.727	QP	9.8	47.98	73	-25.02
Neutre	8.359	QP	9.81	49.86	73	-23.14
Neutre	8.575	QP	9.81	41.99	73	-31.01
Neutre	9.946	QP	9.83	46.29	73	-26.71
Neutre	10.160	QP	9.83	49.08	73	-23.92
Neutre	23.145	QP	9.98	39.67	73	-33.33
Phase 1	0.150	QP	9.6	40.06	79	-38.94
Phase 1	0.186	QP	9.59	56.05	79	-22.95
Phase 1	8.268	QP	9.81	46.47	73	-26.53
Phase 1	9.946	QP	9.83	47.57	73	-25.43
Phase 1	10.120	QP	9.83	48.95	73	-24.05
Phase 1	12.646	QP	9.87	42.01	73	-30.99
Phase 1	23.347	QP	9.98	42.05	73	-30.95
Neutre	0.150	Av	9.600	23.790	66.000	-42.210
Neutre	0.191	Av	9.600	45.910	66.000	-20.090
Neutre	7.727	Av	9.800	36.320	60.000	-23.680
Neutre	8.359	Av	9.810	36.170	60.000	-23.830
Neutre	8.575	Av	9.810	31.990	60.000	-28.010
Neutre	9.946	Av	9.830	33.090	60.000	-26.910
Neutre	10.160	Av	9.830	35.820	60.000	-24.180
Neutre	23.145	Av	9.980	30.850	60.000	-29.150
Phase 1	0.150	Av	9.600	24.820	66.000	-41.180
Phase 1	0.186	Av	9.590	42.110	66.000	-23.890
Phase 1	8.268	Av	9.810	34.970	60.000	-25.030
Phase 1	9.946	Av	9.830	32.770	60.000	-27.230
Phase 1	10.120	Av	9.830	35.390	60.000	-24.610
Phase 1	12.646	Av	9.870	26.450	60.000	-33.550
Phase 1	23.347	Av	9.980	33.710	60.000	-26.290
Supplementary information: N/A						

CONDUCTED EMISSION (MEASUREMENT) - GRAPH			
CONDUCTED MEASUREMENT / 120VAC/60HZ / RFID ON		EMI4503	
EUT mode:	Tx mode	**T (°C):**	22.8
Test Date:	06/07/2023	**H (%):**	53.9
Test Operator:	FMO + RGI	**P (hPa):**	1015



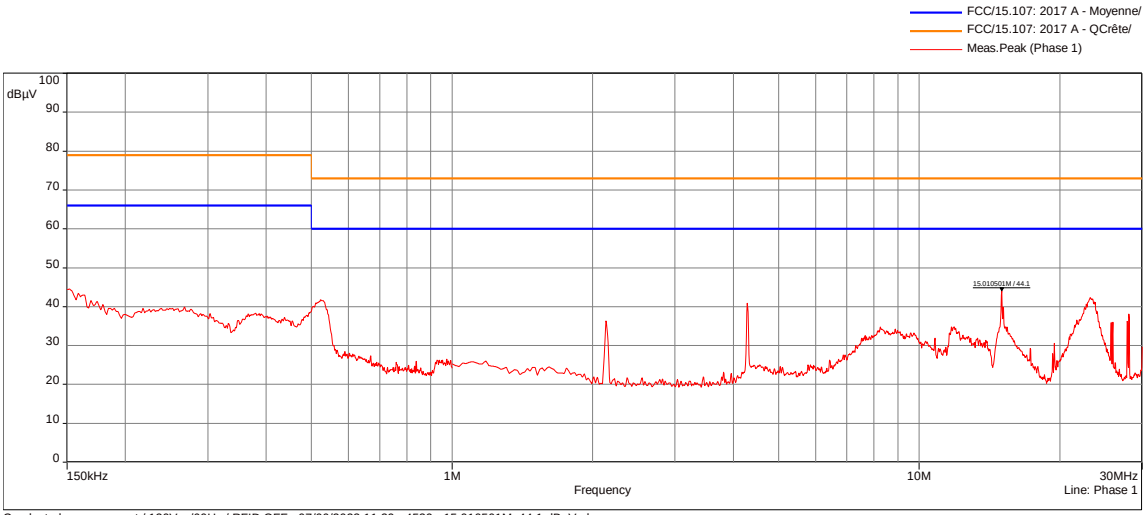
Conducted measurement / 120Vac/60Hz / RFID ON - 07/27/2023 10:40 - 4503 -



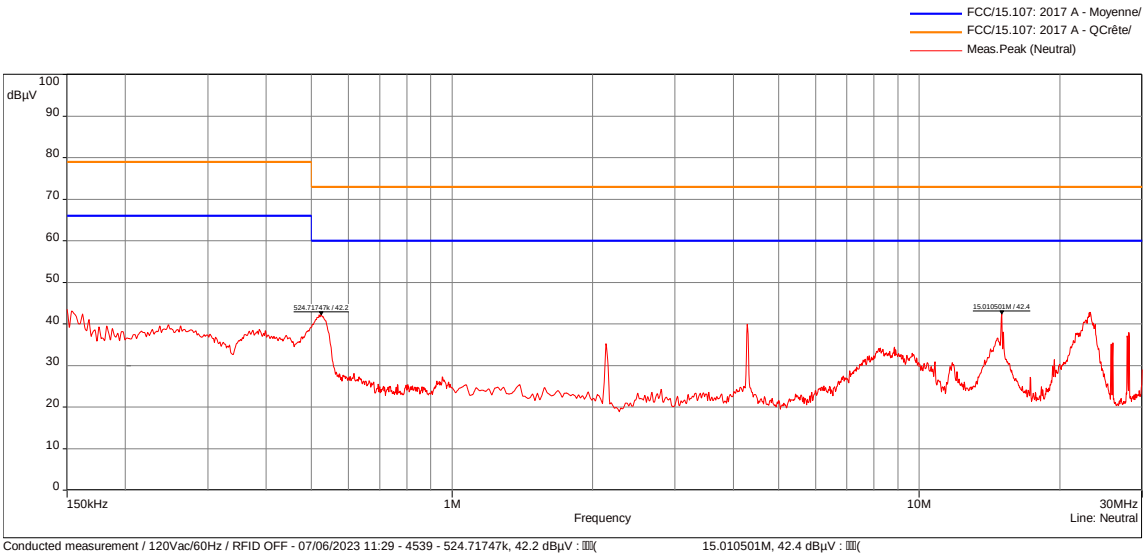
Conducted measurement / 120Vac/60Hz / RFID ON - 07/27/2023 10:40 - 4503 -

POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Neutral	150kHz-1MHz	10kHz	30kHz	Peak
Neutral	1MHz-10MHz	10kHz	30kHz	Peak
Neutral	10MHz-30MHz	10kHz	30kHz	Peak
Phase 1	150kHz-1MHz	10kHz	30kHz	Peak
Phase 1	1MHz-10MHz	10kHz	30kHz	Peak
Phase 1	10MHz-30MHz	10kHz	30kHz	Peak
Measure with:	A.M.N.			
Comments:	The 13.56MHz & 27.12MHz are due to the RFID reader (AE).			
EUT modification(s): N/A				

CONDUCTED EMISSION (MEASUREMENT) - GRAPH			
CONDUCTED MEASUREMENT / 120VAC/60HZ / RFID READER OFF		EMI4539	
EUT mode:	#1	**T (°C):**	22.8
Test Date:	06/07/2023	**H (%):**	53.9
Test Operator:	FMO + RGI	**P (hPa):**	1015



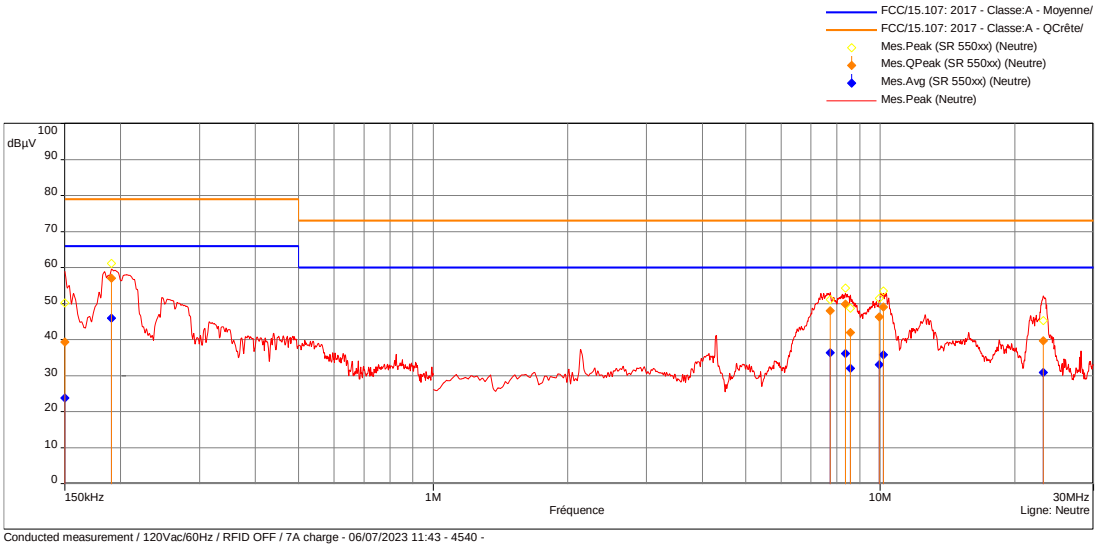
Conducted measurement / 120Vac/60Hz / RFID OFF - 07/06/2023 11:29 - 4539 - 15.010501M, 44.1 dBµV : b



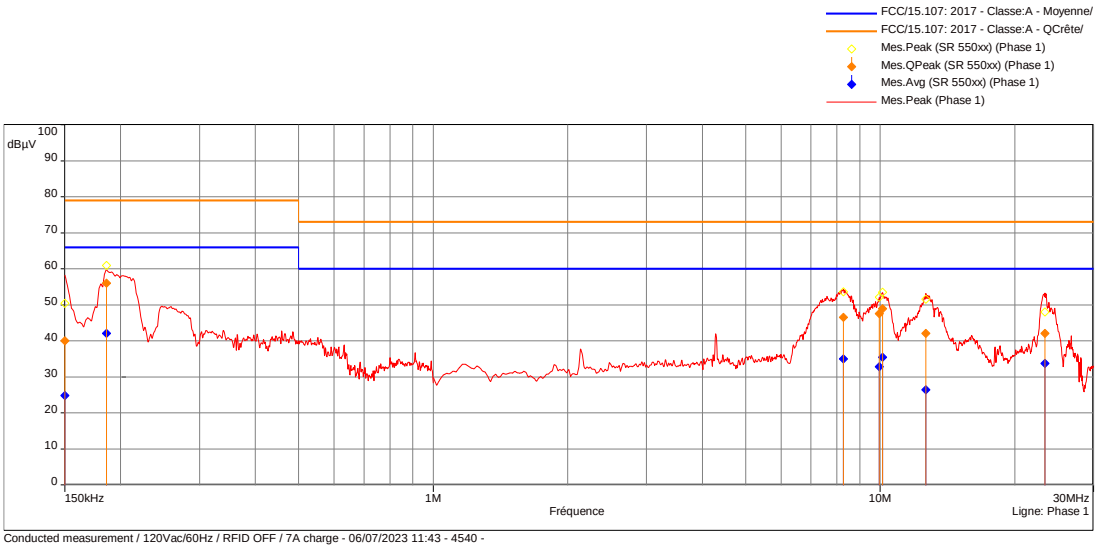
Conducted measurement / 120Vac/60Hz / RFID OFF - 07/06/2023 11:29 - 4539 - 524.71747k, 42.2 dBµV : [illegible] 15.010501M, 42.4 dBµV : [illegible]

POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Neutral	150kHz-1MHz	10kHz	30kHz	Peak
Neutral	1MHz-10MHz	10kHz	30kHz	Peak
Neutral	10MHz-30MHz	10kHz	30kHz	Peak
Phase 1	150kHz-1MHz	10kHz	30kHz	Peak
Phase 1	1MHz-10MHz	10kHz	30kHz	Peak
Phase 1	10MHz-30MHz	10kHz	30kHz	Peak
Measure with:	A.M.N.			
Comments:	N/A			
EUT modification(s): N/A				

CONDUCTED EMISSION (MEASUREMENT) - GRAPH			
CONDUCTED MEASUREMENT / 120VAC/60HZ / RFID OFF / LOAD 7A		EMI4540	
EUT mode:	#1	**T (°C):**	22.8
Test Date:	06/07/2023	**H (%):**	53.9
Test Operator:	FMO + RGI	**P (hPa):**	1015



Conducted measurement / 120Vac/60Hz / RFID OFF / 7A charge - 06/07/2023 11:43 - 4540 -



Conducted measurement / 120Vac/60Hz / RFID OFF / 7A charge - 06/07/2023 11:43 - 4540 -

POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Neutral	150kHz-1MHz	10kHz	30kHz	Peak
Neutral	150kHz-1MHz	10kHz	-	Average - Qpeak
Neutral	1MHz-10MHz	10kHz	30kHz	Peak
Neutral	10MHz-30MHz	10kHz	30kHz	Peak
Neutral	10MHz-30MHz	10kHz	-	Average - Qpeak
Phase 1	150kHz-1MHz	10kHz	30kHz	Peak
Neutral	150kHz-1MHz	10kHz	-	Average - Qpeak
Phase 1	1MHz-10MHz	10kHz	30kHz	Peak
Phase 1	10MHz-30MHz	10kHz	30kHz	Peak
Neutral	10MHz-30MHz	10kHz	-	Average - Qpeak
Measure with:	A.M.N.			
Comments:	N/A			
EUT modification(s): N/A				

6.2. Measurement of radiated disturbances

Reference standard:	FCC 47 CFR PART 15.109 : 2022 ICES-001 Issue 5 July 2020
Test method:	ANSI C63.4: 2014

General test setup: EUT is set on an insulating support at 80cm above the ground reference plane.

Measurement are done on a normalized test site by the substitution method.

The test antenna is oriented in the two polarizations (vertical and horizontal), and the product is rotated at 360° in the horizontal plane (See photo(s) for initial position of the EUT(0°)). If applicable the test antenna was raised and lowered through the specified range of height until a maximum signal level is detected.

For portable equipments a research of maximum level is done on the 3 axes. Only the highest levels are recorded.

N/A

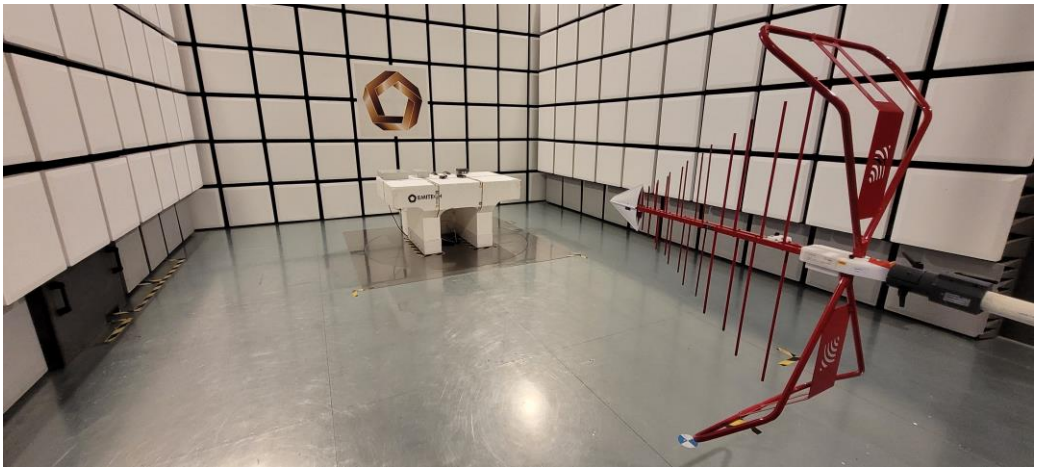
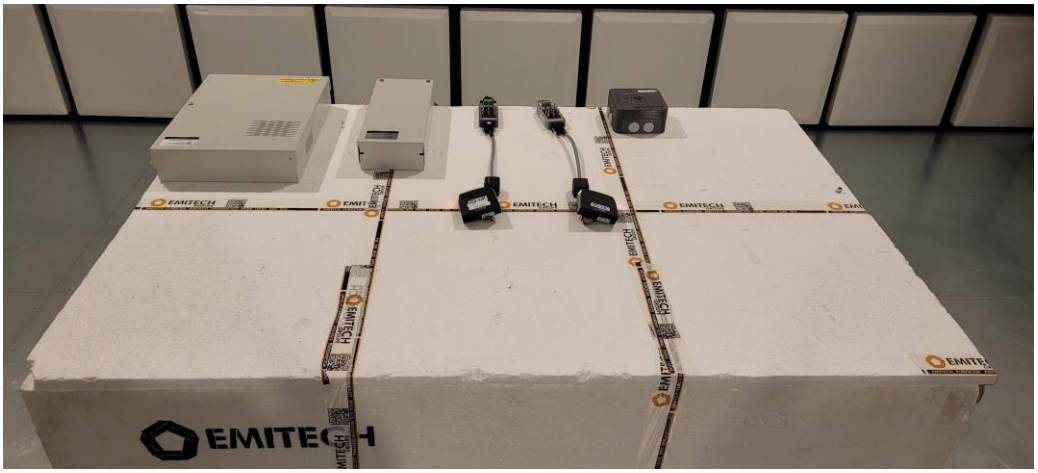
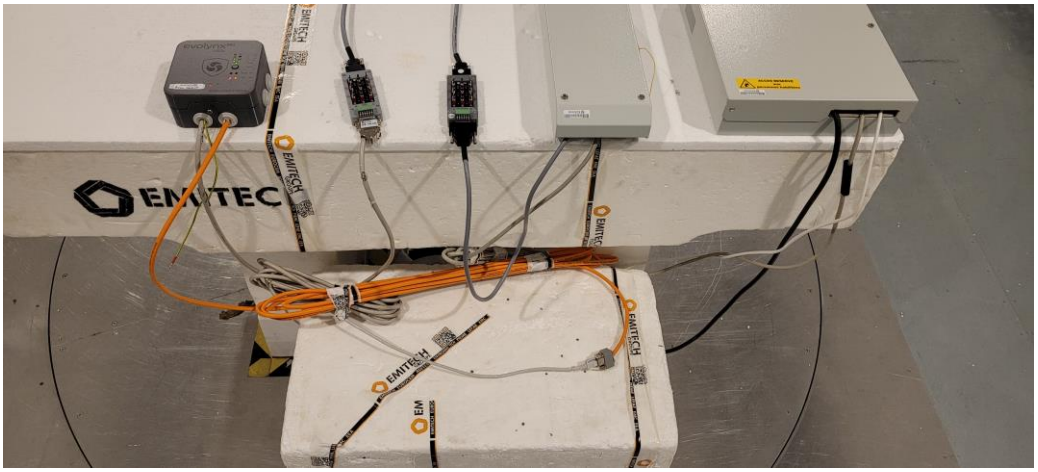
TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
120Vac/60Hz power supply / RFID ON	30MHz-1GHz	A	EMI4537	**PASS**
120Vac/60Hz power supply / RFID OFF	30MHz-1GHz	A	EMI4538	**PASS**

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	*See Graph(s)*
Relative Humidity	20 to 75 %	*See Graph(s)*
Atmospheric pressure	N/A	*See Graph(s)*
Test method deviation: N/A		
Supplementary information: N/A		

TEST EQUIPMENT USED

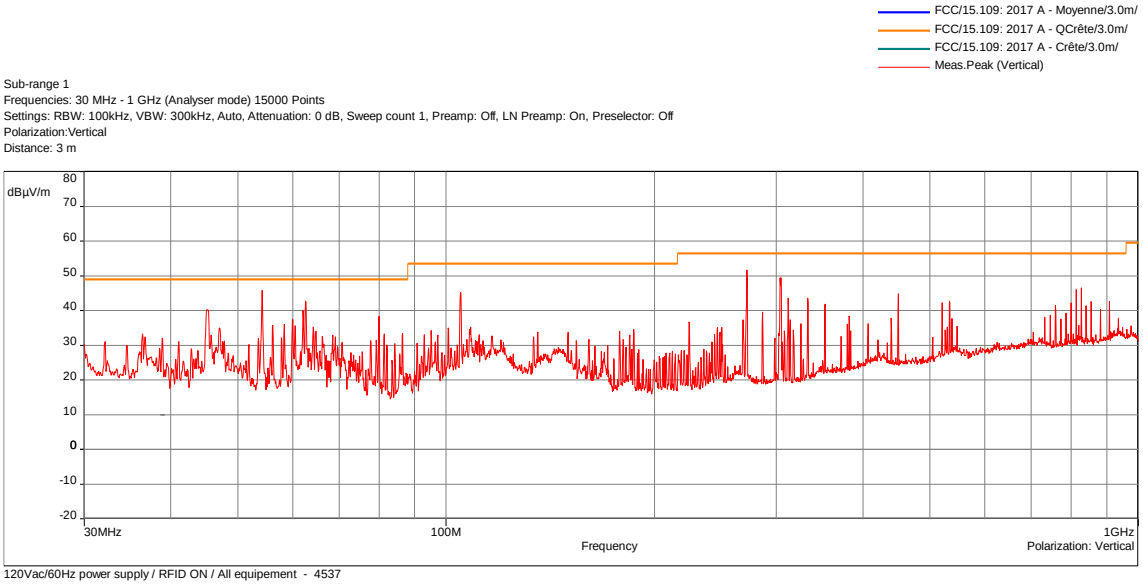
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
AC power source	KIKUSUI	PCR 4000L	15322		
Antenna	ETS lindgren	3142E	14523	27/01/2022	27/03/2025
Cable	SUCOFLEX	N-3m	14378	23/08/2021	23/10/2023
Cable	SUCOFLEX	N-6,5m	14380	23/08/2021	23/10/2023
Cable	Techniwave	N-8m	18349	25/01/2022	25/03/2024
Receiver	Rohde & Schwarz	ESW26	17791	08/02/2023	08/04/2024
Shielded enclosure	COMTEST	FAR-3m	18014	17/08/2021	17/10/2024
Software	Nexio	BAT EMC	0000		
Thermohygrometer	Testo	608-H2	12268	24/10/2022	24/12/2024
Thermohygrometer	Testo	608-H2	12269	07/06/2022	07/08/2024

BAT-EMC software version: V3.18.0.26 Blank cells = Permanent validity

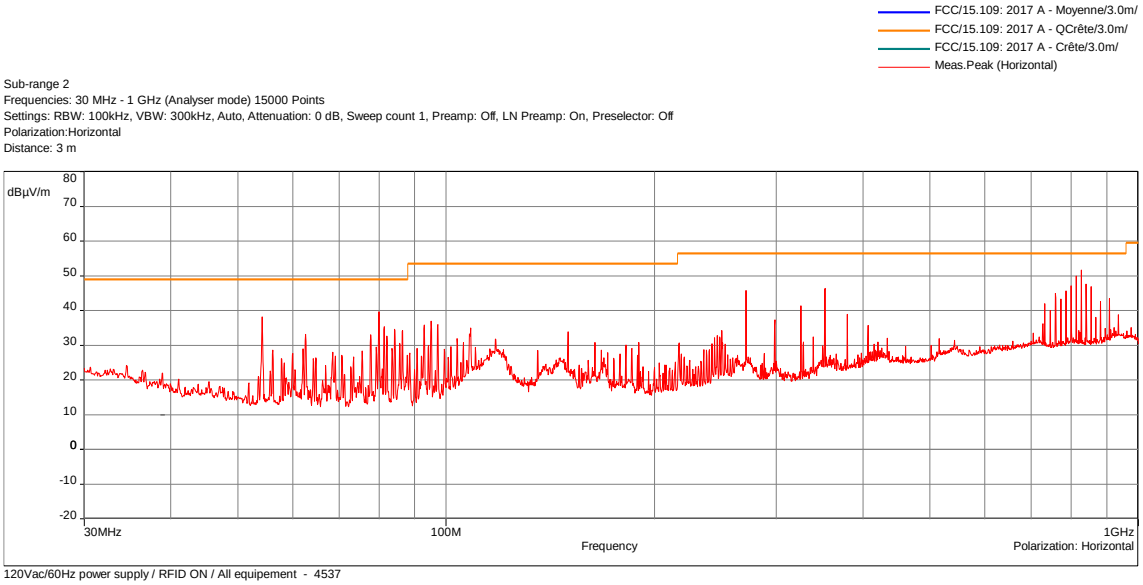
TEST SETUP PHOTO(S)




MEASUREMENT OF RADIATED DISTURBANCES - TABULATED RESULTS								
120VAC/60HZ POWER SUPPLY / RFID OFF								EMI4538
Test Freq. (MHz)	Detector (Pk/QP/ Av)	Ant. position	Azimuth (°)	Ant. Height (cm)	Cor. Factor (dB)	Level dB (µV/m)	Limit dB (µV/m)	Margin (dB)
68.48	QP	Vertical	0	150	14.37	30.87	49	-18.13
68.54	QP	Vertical	0	150	14.36	39.45	49	-9.55
68.61	QP	Vertical	0	150	14.35	36.84	49	-12.16
69.06	QP	Vertical	0	150	14.32	35.12	49	-13.88
69.13	QP	Vertical	0	150	14.33	42.48	49	-6.52
69.19	QP	Vertical	0	150	14.34	39.62	49	-9.38
68.48	QP	Horizontal	200	300	14.37	30.88	49	-18.12
68.54	QP	Horizontal	200	300	14.36	40.11	49	-8.89
68.61	QP	Horizontal	200	300	14.35	38.07	49	-10.93
69.06	QP	Horizontal	200	300	14.32	34.62	49	-14.38
69.13	QP	Horizontal	200	300	14.33	42.82	49	-6.18
69.19	QP	Horizontal	200	300	14.34	41.05	49	-7.95
Supplementary information: For other frequencies, margin between peak measurements and average/quasi-peak limit(s) is > 6dB, so no average/quasi-peak measurements were performed.								

MEASUREMENT OF RADIATED DISTURBANCES - GRAPH			
120VAC/60HZ POWER SUPPLY / RFID ON		EMI4537	
EUT mode:	#1	**T (°C):**	22.5
Test Date:	06/07/2023	**H (%):**	52.5
Test Operator:	FMO + RGI	**P (hPa):**	1015



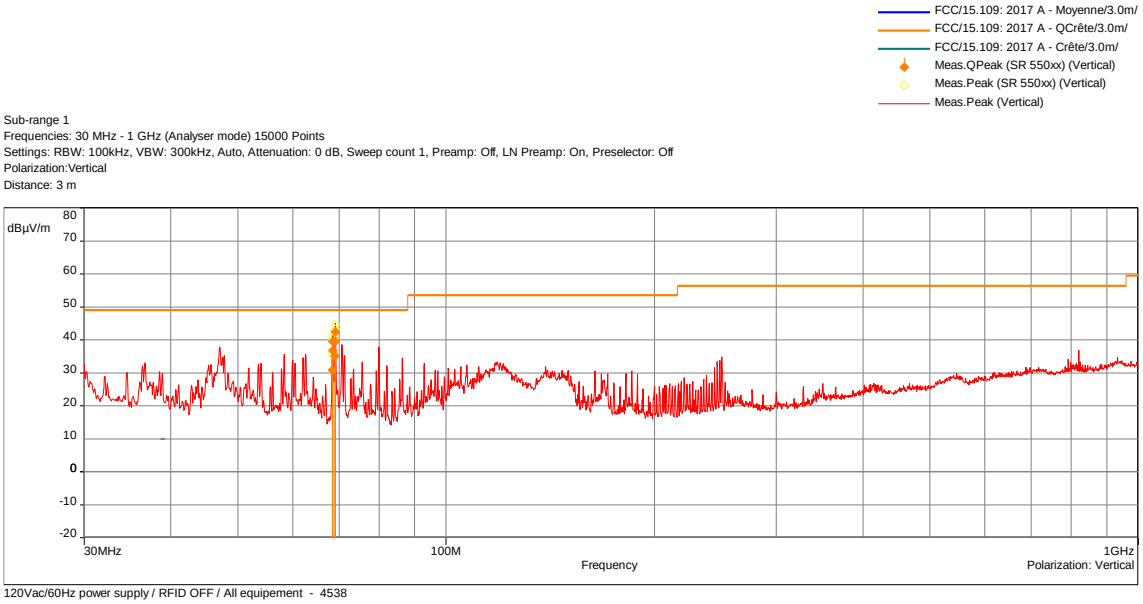
120Vac/60Hz power supply / RFID ON / All equipement - 4537



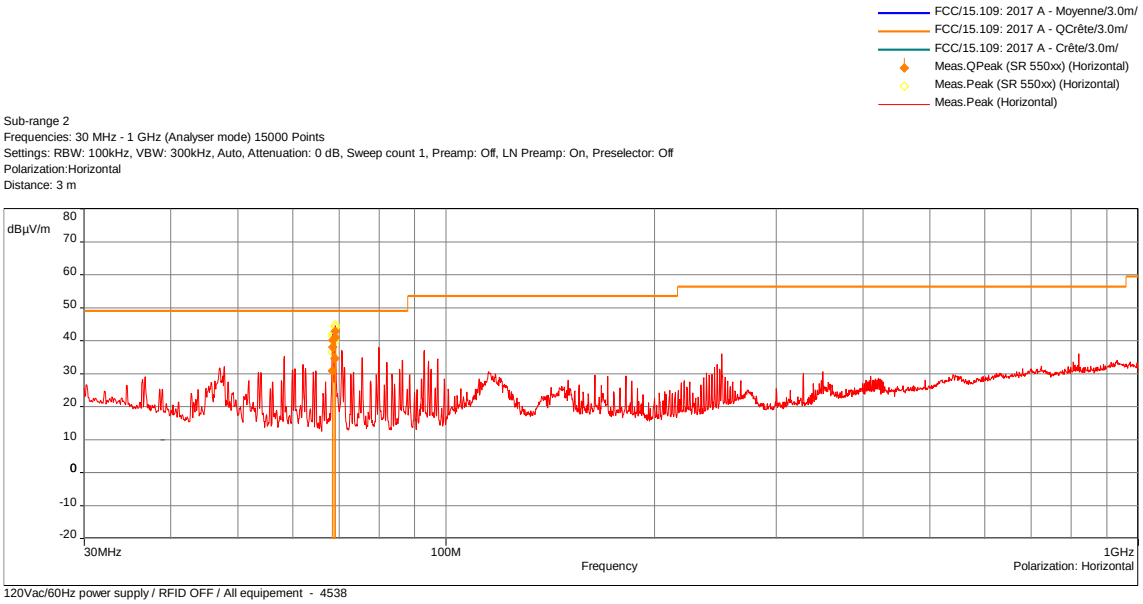
120Vac/60Hz power supply / RFID ON / All equipement - 4537

POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Vertical	30MHz-1GHz	100kHz	300kHz	Peak
Horizontal	30MHz-1GHz	100kHz	300kHz	Peak
Configuration:	N/A			
Comments:	N/A			
EUT modification(s): N/A				

MEASUREMENT OF RADIATED DISTURBANCES - GRAPH			
120VAC/60HZ POWER SUPPLY / RFID OFF		EMI4538	
EUT mode:	#1	**T (°C):**	22.5
Test Date:	06/07/2023	**H (%):**	52.5
Test Operator:	FMO + RGI	**P (hPa):**	1015



120Vac/60Hz power supply / RFID OFF / All equipement - 4538



120Vac/60Hz power supply / RFID OFF / All equipement - 4538

POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Vertical	30MHz-1GHz	100kHz	300kHz	Peak
Horizontal	30MHz-1GHz	100kHz	300kHz	Peak
Vertical	30MHz-1GHz	100kHz	300kHz	Peak
Horizontal	30MHz-1GHz	100kHz	300kHz	Peak
Configuration:	N/A			
Comments:	N/A			
EUT modification(s): N/A				

End of test report