

EMC TEST REPORT

EN 61000-6-4**EN 61000-6-2**

Company: **ETABLISSEMENTS GEORGES RENAULT SAS**
Address.....: ZAC DE LA LORIE 38 RUE BOBBY SANDS
44800 SAINT-HERBLAIN - FRANCE

Test item description: **SPEED SETTING UNIT**
Trade Mark: Desoutter
Manufacturer: ETABLISSEMENTS GEORGES RENAULT SAS
Model/Type reference.....: SPEED SETTING UNIT
Ratings.....: 16 to 42Vdc (Battery of the auxiliary equipment)

Testing Laboratory: **EMITECH ANGERS laboratory**
Address.....: 15 rue de la Claie
49070 Beaucouzé - FRANCE

Report Reference No......: **RC510-20-105203-1-A Ed. 0**
Test procedure: /
Diffusion.....: Mr Antoine DELMAS
Applicant's name: ETABLISSEMENTS GEORGES RENAULT SAS
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Compiled by.....: JL. JAMET
Approved by (+ signature).....: A. ABBASSI (Technical and Quality Approver)

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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.*

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REVISION HISTORY:			
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2. REFERENCE DOCUMENT(S)

NORMATIVE REFERENCES:

The following referenced documents are necessary for the application of the present test report.

IEC 61000-6-4 : 2018

EN 61000-6-4 : 2019

EN 61000-6-4 : 2007 / A1 : 2011

Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments

EN 61000-6-2 : 2005

EN/IEC 61000-6-2 : 2019

Electromagnetic compatibility (EMC) - Part 6-2: Generic standards – Immunity for industrial environments

IEC 61000-4-2: 2008

EN/IEC 61000-4-2: 2009

Electromagnetic compatibility (EMC).

Part 4: Testing and measurement techniques.

Section 2: Electrostatic discharges immunity test – Basic EMC publication.

IEC 61000-4-3: 2006 / A1: 2007 / A2: 2010

EN 61000-4-3: 2006 / A1: 2008 / A2: 2010

Electromagnetic compatibility (EMC).

Part 4: Testing and measurement techniques.

Section 3: Radiated, radio-frequency, electromagnetic field immunity test.

CISPR 16-2-3: 2016 / AMD1: 2019

EN 55016-2-3: 2017

Specification for radio disturbance and immunity measuring apparatus and methods

Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements

INFORMATIVE REFERENCES:

None

3. EQUIPMENT TECHNICAL DESCRIPTION

3.1. Test Conditions

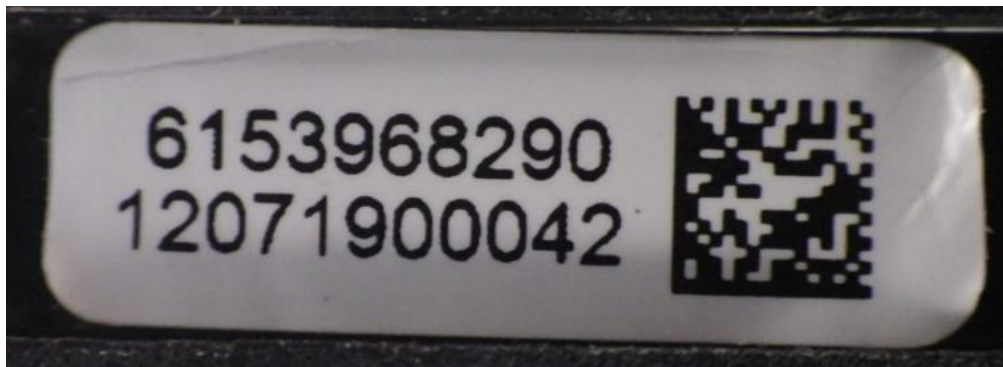
Test item description. : *Speed setting counter for tool*
Model/Type reference..... : *SPEED SETTING UNIT*
Trade Mark. : *Desoutter*
Serial number (S/N)..... : 12071900042
Part number (P/N). : 6153968290
Software version..... : 2.0
Firmware version. : *Firmawre specific 2.0 EMC for EMC test*
Type of sample. : *Serial*
Function(s)..... : *Allows to change the speed of the tool*
Manufacturer name. : ETABLISSEMENTS GEORGES RENAULT SAS
Address..... : 38, Rue Bobby Sands – Z.A.C. de la Lorie – BP 10273
44818 Saint Herblain cedex - France

General product information: N/A

3.2. EUT General view



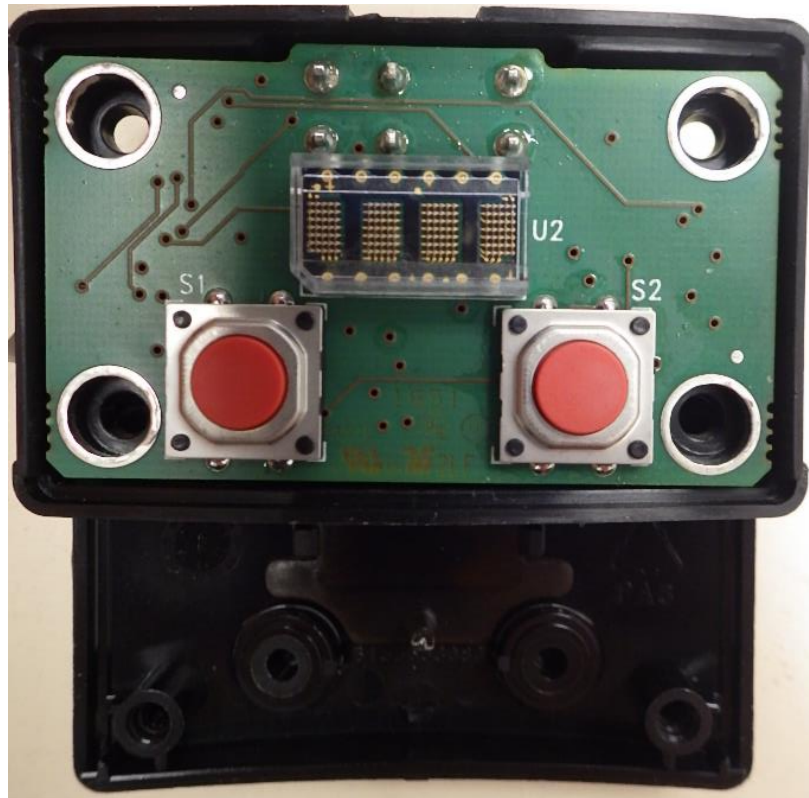
3.3. EUT Marking plate



3.4. EUT Modification(s)

None

3.5. EUT Electronic board



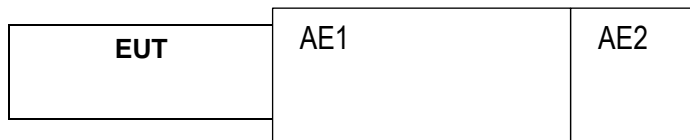
3.6. EUT Mechanical and Electrical Design

Power supply..... : 18 Vdc
 Power supply range..... : 16 to 42V (battery of the auxiliary equipment)
 Power type..... : DC
 Power (W)..... : < 1
 Nominal current (A). : 0.01
 Dimensions (L x W x H) (m). : 0.064 x 0.039 x 0.030
 Weight (kg). : 0.105
 Temperature range (°C). : 0 to 45°C
 Ground bounding strap..... : No

Comments:

N/A

3.7. EUT Input/Output ports



PORT	NAME	TYPE	LENGHT	CABLE TYPE	COMMENTS
0	Main frame	N/E	N/A	Metallic	

AC/DC : AC/DC Converter port AC..... : Alternative current port DC: Discontinuous current port
 I/O.....: Input or Output port TP: Telecommunication port RF.....: Radio frequency port
 N/E: Non Electrical port

3.8. Supporting Equipment Used During Test

Sample subject to the tests was tested with following equipment.

(AE1): TOOL



(AE2): BATTERY OF THE TOOL



Desoutter 

Type: Rechargeable Li-Ion Battery Pack 51NR19/66
 18 Vdc / 2.5 Ah / 45 Wh VKB: 56646 705 099
 Ref: 6158132660 Operating temp: max 60°C

Serial N°: **45032007825**
4720

  **US LISTED**
 E50#53
 LITHIUM-ION BATTERY PACK

 XW100052-19001A
 +82(0)31 8033 3800
 씨피엘스코리아주식회사

 15

 Li-ion   

For use only with charger / Pour utilisation
 uniquement avec le chargeur 6158132700.
 Ets Georges Renault
 44818 Saint Herblain - FR

Label Ref: 6158760630

 Made in Romania


3.9. EMC Environment and Performance Criteria

According to manufacturer's declarations :

Electromagnetic environment..... : Industrial (production area)
 Professional use ? : Yes
 Typical mounting : To integrated
 Internal frequencies : 8 MHz
 Configuration(s) : /

Comments:

N/A

a) EUT OPERATION MODES:	
MODE #	DESCRIPTION
1	<i>The EUT is plugged on the Tool (AE1) equipped with its battery (AE2). The Tool send an increment order to the EUT. This one shows the information on its display.</i>
b) EUT CONTROL PROCEDURES USED DURING IMMUNITY TESTS:	
<i>The display of the EUT is visually checked to control the communication between tool and EUT.</i>	
	

4. RESULT SUMMARY

TEST DESIGNATION	SEVERITY	VERDICT	BASIC STANDARDS / COMMENTS
Conducted emission (measurement)	-	N/A	EN 55016-2-1
Measurement of discontinuous disturbances	-	N/A	EN 55014-1
Measurement of radiated disturbances			EN 55016-2-3
- SAC measure		PASS	
Electrostatic discharges immunity			EN 61000-4-2
- INDIRECT 4kV (VERT.)	B	PASS	
- INDIRECT 4kV (HORIZ.)	B	PASS	
- DIRECT 4kV	B	N/A	No accessible part concerned
- AIR 2kV	B	PASS	
- AIR 4kV	B	PASS	
- AIR 8kV	B	PASS	
Radiated, radio-frequency, electromagnetic field immunity			EN 61000-4-3
- POSITION 1	A	PASS	
- POSITION 2	A	PASS	
Electrical fast transient/burst immunity	-	N/A	EN 61000-4-4
Surge immunity	-	N/A	EN 61000-4-5
Power frequency magnetic field immunity	-	N/A	EN 61000-4-8
Voltage dips and short interruptions immunity	-	N/A	EN 61000-4-11

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.

5. MEASUREMENT UNCERTAINTY

Uncertainties values presented below are required by standards:

PARAMETER	MAXIMAL EMITECH UNCERTAINTY	STANDARD UNCERTAINTY
Conducted emission		
Harmonics current 61000-3-2/3-12	± 5.0 %	± 5.00 %
Harmonics current 61000-3-12 (with probe)	± 5.9 %	/
Voltage fluctuation and flicker 61000-3-3/3-11	± 7.5 %	± 8.00 %
(Artificial Mains Network) 3kHz – 9kHz	± 3.8 dB	/
(Artificial Mains Network) 9kHz – 150kHz	± 3.6 dB	± 3.8 dB
(Artificial Mains Network) 150kHz – 30MHz	± 3.4 dB	± 3.4 dB
(Voltage probe) 9kHz – 30MHz	± 2.9 dB	± 2.9 dB
(Asymmetric Artificial Network) 150kHz – 30MHz	± 3.5 dB	± 5.0 dB
(Current measurement) 150kHz – 30MHz	± 2.9 dB	± 2.9 dB
(Capacitive Voltage Probe) 150kHz – 30MHz	± 3.6 dB	± 4.0 dB
(Discontinuous) 150kHz – 30MHz	± 3.4 dB	± 3.4 dB
(Van Veen) 9kHz – 30MHz	± 3.3 dB	± 3.3 dB
(Coupling Decoupling Network) 30MHz – 300MHz	± 3.5 dB	± 3.8 dB
(Splitter) 30MHz – 2.15GHz	± 3.4 dB	/
Disturbance power		
30MHz – 300MHz	± 4.4 dB	± 4.5 dB
Radiated emission		
(magnetic field) 9kHz – 30MHz	± 2.7 dB	/
(electric field in the OATS/SAC) 30MHz – 1GHz	± 5.2 dB	± 6.3 dB
(electric field in the FAR) 30MHz – 1GHz	± 5.2 dB	± 5.3 dB
(electric field in the FAR) 1GHz - 6GHz	± 5.2 dB	± 5.2 dB
(electric field in the FAR) 6GHz - 18GHz	± 5.5 dB	± 5.5 dB
(electric field in the FAR) 18GHz - 40GHz	± 5.7 dB	/

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

OATS: Open Area Test Site
SAC: Semi Anechoic Chamber
FAR: Fully Anechoic Room

6. TEST CONDITIONS AND RESULTS

6.1. Measurement of radiated disturbances

Reference standard:	EN 61000-6-4
Test method:	EN 55016-2-3
General test setup:	
EUT is set on an insulating support at 80 cm above the ground reference plane.	
Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities.	
Final measurements (quasi-peak) were then performed in a semi-anechoic chamber or Open Area Test Site that complies to CISPR 16. The EUT was rotated 360° about its azimuth and adjusting the receive antenna height from 1 to 4 m.	
All frequencies were investigated in both horizontal and vertical antenna polarization, where applicable.	

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
SAC measure	30MHz-1GHz	Class	EMI5146	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	10 to 40 °C	See Graph(es)
Relative Humidity	10 to 90 %	See Graph(es)
Atmospheric pressure	N/A	See Graph(es)
Test method deviation: N/A		
Supplementary information: N/A		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Software	Nexio		0000		
Thermohygrometer	Testo	608-H1	14824	07/04/2020	07/06/2022
Shielded enclosure	COMTEST	SAC 3m	17377		
Mast controller	Maturo	FCU 3,0	17378		
Antenna Mast	Maturo	TAM 4.0-E	17379		
Turntable	Maturo	TT 2.0 SI	17380		
Thermohygrometer	Huber + Suhner	T H P	7972	25/01/2021	25/03/2023
Antenna	Chase Electronics	CBL6112A	8531	06/11/2020	06/01/2024
Cable	Radiall	R161.088.000	8998	20/04/2020	20/06/2022
Cable	/	N-5m	2737	06/03/2020	06/05/2022
Cable	/	N-5m	2742	06/03/2020	06/05/2022
Cable	C&C	N-8m	11834	09/09/2019	09/11/2021
Preamplifier	Mini-circuit	ZFL-1000LN	1181	06/02/2020	06/04/2021
Receiver	Agilent Technologies	N9038A MXE	9368	19/01/2021	19/03/2022

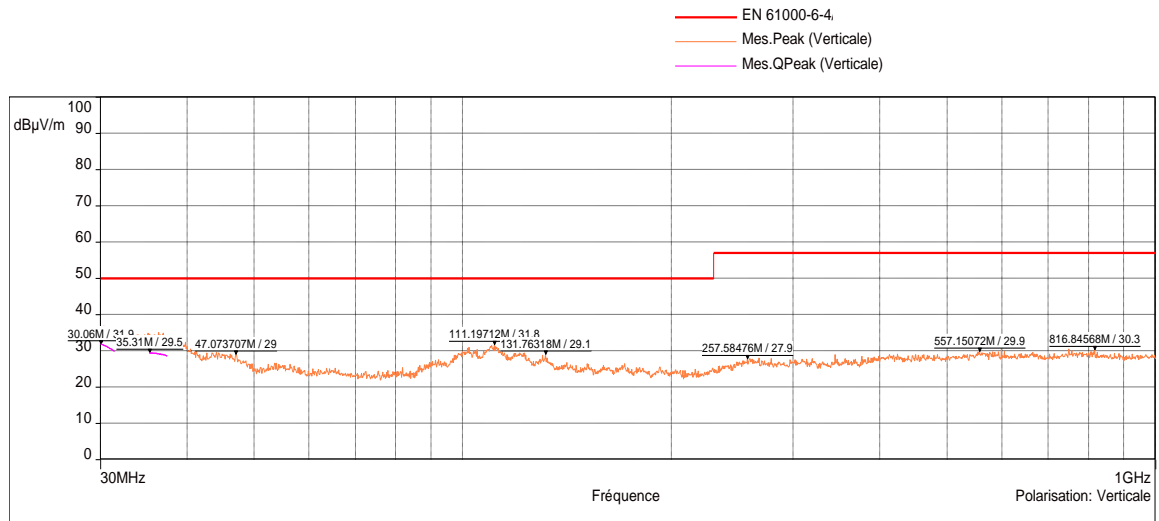
BAT-EMC software version: V3.18.0.26

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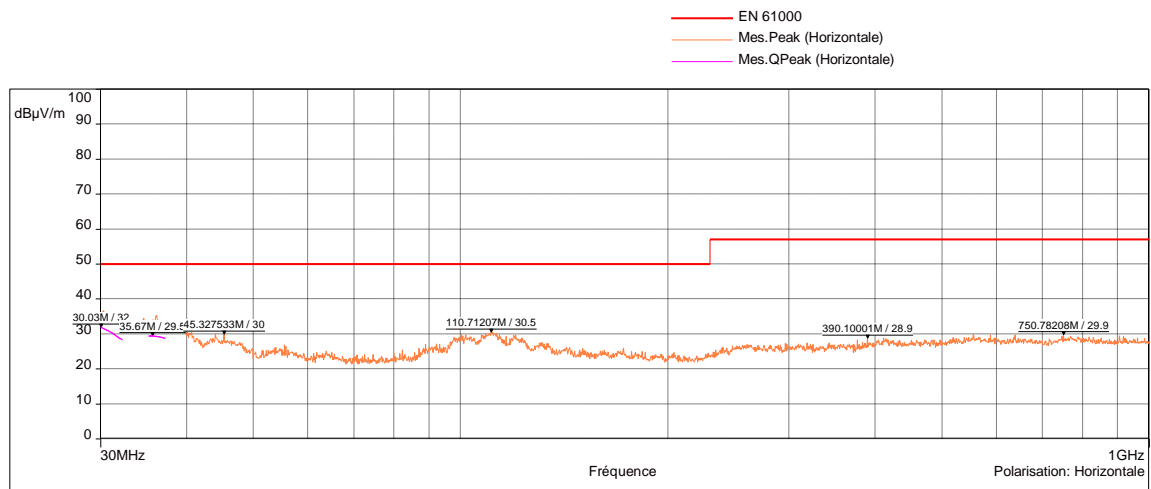
TEST SETUP PHOTO(S) - SAC MEASURE



MEASUREMENT OF RADIATED DISTURBANCES - GRAPH			
SAC MEASURE			EMI5146
EUT mode:	#1		T (°C): 23
Test Date:	11/03/2021		H (%): 41
Test Operator:	JL. JAMET		P (hPa): 1016



47.073707M, 29 dBµV/m : 111.19712M, 31.8 dBµV/m : 131.76318M, 29.1 dBµV/m : 257.58476M, 27.9 dBµV/m :
 557.15072M, 29.9 dBµV/m : 816.84568M, 30.3 dBµV/m : 30.06M, 31.9 dBµV/m : 35.31M, 29.5 dBµV/m :



45.327533M, 30 dBµV/m : 110.71207M, 30.5 dBµV/m : 390.10001M, 28.9 dBµV/m : 750.78208M, 29.9 dBµV/m :
 30.03M, 32 dBµV/m : 35.67M, 29.5 dBµV/m :

POSITION	FREQUENCIES	RBW	VBW	DETECTOR
Vertical	30MHz-1GHz	100kHz	300kHz	Peak
Horizontal	30MHz-1GHz	100kHz	300kHz	Peak
Vertical	30MHz-1GHz	120kHz	Auto	QPeak
Horizontal	30MHz-1GHz	120kHz	Auto	QPeak

Comments: Very low level measured, disturbance becomes mixed with noise floor of the chamber. A QP measurement (cursor) is done for the max level points, otherwise peak measurement is done. There is no impact following the antenna height and the azimuth so measure done at 1m and 0°.

EUT modification(s): N/A

6.2. Electrostatic discharges immunity

Reference standard:	EN 61000-6-2
Test method:	EN 61000-4-2
General test setup: The test is intended to demonstrate the immunity of equipment subjected to static electricity discharges from operators directly and to adjacent objects. The table top equipment under test is placed on a wooden table, 80 cm high, standing on the ground reference plane. An horizontal coupling plane (HCP), 1.6 x 0.8 m, is placed on the table. The EUT and the cables are isolated from the coupling plane by an insulating support 0.5 mm thick. The floor standing equipment is isolated from the ground reference plane by an insulating support about 0.1 m thick. The vertical coupling plane (VCP) of dimensions 0.5 m x 0.5 m is placed parallel to, and positioned at a distance of 0.1 m from, the EUT.	

TEST SEQUENCE	EUT MODE	CRITERIA	RESULT TAB.	VERDICT
INDIRECT 4kV (HORIZ.)	#1	B	IMU5167	PASS
INDIRECT 4kV (VERT.)	#1	B	IMU5168	PASS
DIRECT 4kV	#1	B	IMU5169	N/A
AIR 2kV	#1	B	IMU5170	PASS
AIR 4kV	#1	B	IMU5171	PASS
AIR 8kV	#1	B	IMU5172	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	21 °C
Relative Humidity	30 to 60 %	37 %
Atmospheric pressure	860 to 1060 hPa	1016 hPa
Test method deviation: N/A		
Supplementary information: N/A		

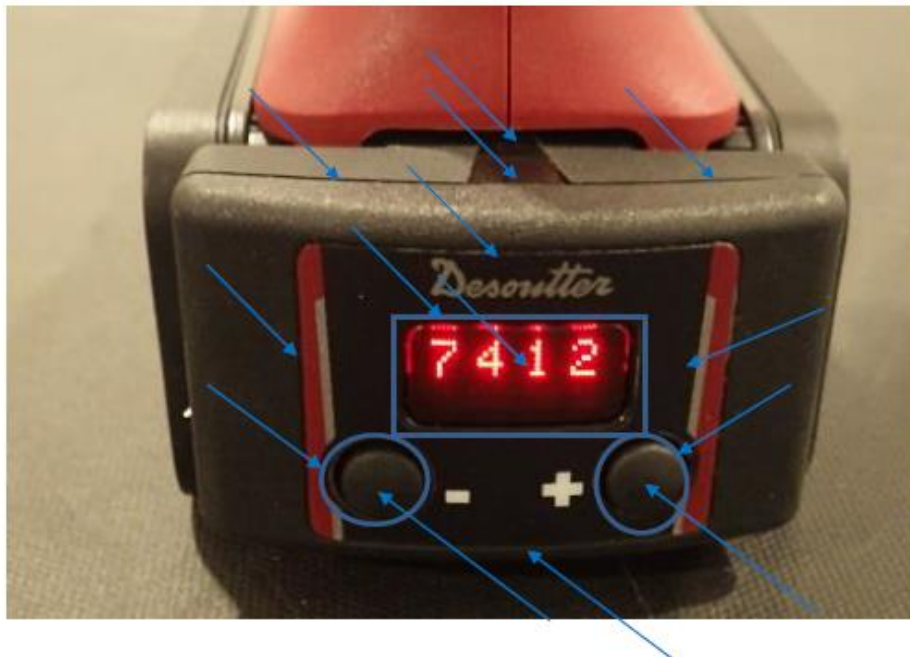
TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Thermohygrometer	Testo	608-H1	14824	07/04/2020	07/06/2022
Shielded enclosure	COMTEST	SAC 3m	17377		
ESD Generator	Schaffner	NSG 435	6959	09/10/2019	09/12/2021
Thermohygrometer	Huber + Suhner	T H P	7972	25/01/2021	25/03/2023

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TEST SETUP PHOTO(S) – (GENERAL VIEW)



DISCHARGE POINTS PHOTO(S) – (→ DIRECT DISCHARGES) (→ AIR DISCHARGES)





ELECTROSTATIC DISCHARGES IMMUNITY - TABULATED RESULTS			
INDIRECT DISCHARGES – (HCP)			IMU5167
EUT Mode:	#1	Coupling Mode:	Horizontal
Test Date:	12/03/2021	Discharges per locations:	10 per polarity
Test Operator:	JL. JAMET	Repetition:	1s
Criteria:	B		
DISCHARGE LOCATION	TEST LEVEL	POLARITY	RESULT
Front side	4kV	+	N.T.R.
	4kV	-	N.T.R.
Back side	4kV	+	N.T.R.
	4kV	-	N.T.R.
Left side	4kV	+	N.T.R.
	4kV	-	N.T.R.
Right side	4kV	+	N.T.R.
	4kV	-	N.T.R.
<i>EUT modifications: N/A</i>			

INDIRECT DISCHARGES – (VCP)			IMU5168
EUT Mode:	#1	Coupling Mode:	Vertical
Test Date:	12/03/2021	Discharges per locations:	10 per polarity
Test Operator:	JL. JAMET	Repetition:	1s
Criteria:	B		
DISCHARGE LOCATION	TEST LEVEL	POLARITY	RESULT
Front side	4kV	+	N.T.R.
	4kV	-	N.T.R.
Back side	4kV	+	N.T.R.
	4kV	-	N.T.R.
Left side	4kV	+	N.T.R.
	4kV	-	N.T.R.
Right side	4kV	+	N.T.R.
	4kV	-	N.T.R.
<i>EUT modifications: N/A</i>			

DIRECT DISCHARGES			IMU5169
EUT Mode:	#1	Coupling Mode:	Direct
Test Date:	12/03/2021	Discharges per locations:	10 per polarity
Test Operator:	JL. JAMET	Repetition:	1s
Criteria:	B		
DISCHARGE LOCATION	TEST LEVEL	POLARITY	RESULT
red points	4kV	+	N/A
	4kV	-	N/A
<i>EUT modifications: N/A</i>			

AIR DISCHARGES			IMU5170
EUT Mode:	#1	Coupling Mode:	Air
Test Date:	12/03/2021	Discharges per locations:	10 per polarity
Test Operator:	JL. JAMET	Repetition:	1s
Criteria:	B		
DISCHARGE LOCATION	TEST LEVEL	POLARITY	RESULT
blue points	2kV	+	N.T.R.
	2kV	-	N.T.R.
<i>EUT modifications: N/A</i>			

AIR DISCHARGES			IMU5171
EUT Mode:	#1	Coupling Mode:	Air
Test Date:	12/03/2021	Discharges per locations:	10 per polarity
Test Operator:	JL. JAMET	Repetition:	1s
Criteria:	B		
DISCHARGE LOCATION	TEST LEVEL	POLARITY	RESULT
blue points	4kV	+	N.T.R.
	4kV	-	N.T.R.
<i>EUT modifications: N/A</i>			

AIR DISCHARGES			IMU5172
EUT Mode:	#1	Coupling Mode:	Air
Test Date:	12/03/2021	Discharges per locations:	10 per polarity
Test Operator:	JL. JAMET	Repetition:	1s
Criteria:	B		
DISCHARGE LOCATION	TEST LEVEL	POLARITY	RESULT
blue points	8kV	+	N.T.R.
	8kV	-	N.T.R.
<i>EUT modifications: N/A</i>			

6.3. Radiated, radio-frequency, electromagnetic field immunity

Reference standard:	EN 61000-6-2
Test method:	EN 61000-4-3
<p>General test setup:</p> <p>The test allows estimating of the radiated immunity of electrical and electronic equipment to electromagnetic disturbances coming from intended radio-frequency (RF) transmitters in the frequency range 80MHz to 6GHz. The interference is applied on the enclosure of the equipment by using transmitting antennas.</p> <p>The test is performed on 2 sides (See photographs hereafter).</p> <p>EUT is set on an insulating support at 80cm above the ground reference plane, in such a way that the side submitted to the test be located in homogeneous zone (1.5m x 1.5m & 1m x 1m) of the previously calibrated field.</p> <p>In compliance with the calibration, some anechoic panels are placed on the ground and antennas used are placed according to the calibration.</p>	

TESTED CONFIGURATION	EUT MODE	CRITERIA	RESULT TAB.	VERDICT
POSITION 1	#1	A	IMU5229	PASS
POSITION 2	#1	A	IMU5282	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST
Ambient Temperature	15 to 35 °C	<i>See Result(s) Table(s)</i>
Relative Humidity	30 to 60 %	<i>See Result(s) Table(s)</i>
Atmospheric pressure	N/A	<i>See Result(s) Table(s)</i>
<p>Test method deviation: Standard requires a test on 4 sides. However, a 2 side(s) sides test is done on the critical(s) sides(s) declared by the applicant.</p>		
Supplementary information: N/A		

TEST EQUIPMENT USED					
CATEGORY	BRAND	TYPE	IDENTIFIER	CAL. DATE	CAL. DUE
Software	Nexio		0000		
Thermohygrometer	Testo	608-H1	14824	07/04/2020	07/06/2022
Shielded enclosure	COMTEST	SAC 3m	17377		
Thermohygrometer	Huber + Suhner	T H P	7972	25/01/2021	25/03/2023
Amplifier	TESEQ AG	CBA 6G-200D	16466	01/06/2019	01/08/2022
Amplifier	Prâna	MT700	16966	05/02/2020	05/04/2023
Antenna	Electro Metrics	EM-6961	1204		
Antenna	Rohde & Schwarz	HL 023A1	8936		
Cable	FEM Aéro	N-2m	1473	09/03/2020	09/05/2022
Cable	Pasternack	PE330-3,5m	14777	09/09/2019	09/11/2021
Cable	N-3m	3m	10820	09/03/2020	09/05/2022
Cable	Pasternack	PE330-5,5m	14775	09/09/2019	09/11/2021
Cable	/	N-5m	2737	06/03/2020	06/05/2022
Cable	/	N-5m	2741	09/03/2020	09/05/2022
Cable	R5R6	E1S5	14789	09/09/2019	09/11/2021
Cable	R5R6	S1-S2	14791	09/09/2019	09/11/2021
Coupler	TESEQ AG	0,8GHz-6GHz Fc: 50dB	16468	18/06/2019	18/08/2022
Coupler	Prana	80MHz-1GHz 59dB	17249	29/05/2020	29/07/2023
Power probe	Rohde & Schwarz	NRV-Z5	3135	22/09/2020	22/11/2022
Power probe	Rohde & Schwarz	URV5-Z4	7088	22/09/2020	22/11/2022
Synthesizer	Rohde & Schwarz	SME06	1669	07/06/2018	07/08/2021
1 input Power meter	Rohde & Schwarz	URV5	3134	22/09/2020	22/11/2022

BAT-EMC software version: V3.18.0.26

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TEST SETUP PHOTO(S) - POSITION 1



TEST SETUP PHOTO(S) - POSITION 2



RADIATED, RADIO-FREQUENCY, ELECTROMAGNETIC FIELD IMMUNITY						
POSITION 1					IMU5229	
EUT mode:		#1			T (°C):	23
Test Date:		12/03/2021			H (%):	41
Test Operator:		JL. JAMET			P (hPa):	1013
Criteria:		A				
FREQUENCIES	POSITION	LEVEL	STEP	MODULATION	CALIBRATION	
1.4GHz-6GHz	Vertical	3 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	3-C1B_Cal1745_1-6GHz_18Vm_09-20_3m_n°1204_h1.35 Ampli 16466_1x1m	
1.4GHz-6GHz	Horizontal	3 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	3-C1B_Cal1745_1-6GHz_18Vm_09-20_3m_n°1204_h1.35 Ampli 16466_1x1m	
80MHz-1GHz	Horizontal	10 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	1-C1B_Cal1746_80M-1G_36Vm_09-20_3m_n°8936_1.5x1.5m	
80MHz-1GHz	Vertical	10 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	1-C1B_Cal1746_80M-1G_36Vm_09-20_3m_n°8936_1.5x1.5m	
Results:		N.T.R.				
EUT modification(s): N/A						

RADIATED, RADIO-FREQUENCY, ELECTROMAGNETIC FIELD IMMUNITY						
POSITION 2					IMU5282	
EUT mode:		#1			T (°C):	23
Test Date:		12/03/2021			H (%):	41
Test Operator:		JL. JAMET			P (hPa):	1013
Criteria:		A				
FREQUENCIES	POSITION	LEVEL	STEP	MODULATION	CALIBRATION	
1.4GHz-6GHz	Vertical	3 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	3-C1B_Cal1745_1-6GHz_18Vm_09-20_3m_n°1204_h1.35 Ampli 16466_1x1m	
1.4GHz-6GHz	Horizontal	3 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	3-C1B_Cal1745_1-6GHz_18Vm_09-20_3m_n°1204_h1.35 Ampli 16466_1x1m	
80MHz-1GHz	Vertical	10 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	1-C1B_Cal1746_80M-1G_36Vm_09-20_3m_n°8936_1.5x1.5m	
80MHz-1GHz	Horizontal	10 V/m	1%	CW; 50ms AM (80%, 1kHz); 2000ms	1-C1B_Cal1746_80M-1G_36Vm_09-20_3m_n°8936_1.5x1.5m	
Results:		N.T.R.				
EUT modification(s): N/A						

End of test report