



#### Test report issued under the responsibility of:

EMITECH MONTPELLIER laboratory
MRA US-EU Designation Number: FR0006
Canadian CAB Identifier: FR0003

# RADIO TEST REPORT

FCC Part 15 :2018 ANSI C63.10 : 2013 RSS-Gen - Issue 5, April 2018 RSS-210-Issue 9, August 2016

Company .....: DYNACO Entrematic

Address...... Waverstraat 21 B-9310

MOORSEL BELGIUM

Test item description. ..... Radio bridge transmitter

Ratings..... 3.6 Vdc

Testing Laboratory ..... EMITECH MONTPELLIER laboratory

Address...... 145 rue de Massacan

34740 VENDARGUES Cedex

**FRANCE** 

Report Reference No...... R410-18-101706-11A

Test procedure. ..... FCC&IC Certification

Diffusion..... Mr JAUMES

Applicant's name. ...... PRASTEL FRANCE

Date of issue...... 20/05/2019

Revision...... 0

Modified page(s)..... Creation

Compiled by...... Morgan PATEY

Approved by (+ signature)...... Olivier HEYER (Laboratory 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:** GENERAL INFORMATIONS ......3 REFERENCE DOCUMENT(S)......4 2. EQUIPMENT TECHNICAL DESCRIPTION......5 3. 3.1. 3.2. 3.3. RESULT SUMMARY......8 4. MEASUREMENT UNCERTAINTY......9 5. 6. TEST CONDITIONS AND RESULTS ......10 6.1. 6.2. 6.3. OCCUPIED BANDWITH 99% & 20 DB BANDWITH ......21 6.4.



#### 1. GENERAL INFORMATIONS

This document submits the results of Radio tests performed on the equipment Radio bridge transmitter (ELEDIVALL 188) (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 Laboratory .....: EMITECH MONTPELLIER laboratory

Address.....: 145 rue de Massacan

34740 VENDARGUES Cedex

**FRANCE** 

Test procedure. : FCC IC Certification
Tested by :: Morgan PATEY

Test supervisor ....: None Date of receipt of test item ...: N/A

Date (s) of performance of tests...... May between the 05<sup>th</sup> to the 14<sup>th</sup> of 2018

#### **APPLICANT'S GENERAL INFORMATIONS:**

Company name ::: PRASTEL FRANCE

Company address. ..... 225 impasse du Serpolet

ZI Athélia II

13600 LA CIOTAT

FRANCE

#### **GENERAL REMARKS:**

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.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(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 object does meet the requirement......: P (Pass)
Test object does not meet the requirement...: F (Fail)

Test object was not subjected to all tests.....: I (Inconclusive)

#### **DEFINITIONS AND ABBREVIATIONS:**

E.U.T.	Equipement under test	AE	Ancillary equipment
RBW	Resolution bandwidth	VBW	Video bandwidth
OATS	Open area test site	FAR	Full anechoic room
RF	Radio frequency	NTR	Nothing to report



## 2. REFERENCE DOCUMENT(S)

#### **NORMATIVE REFERENCES:**

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

### FCC Part 15:2018

Code of Federal Regulations

Title 47 - Telecommunications

Chapter 1 – Federal Communications Commission

Part 15 – Radio frequency devices

Subpart C - Intentional Radiators

#### ANSI C63.10: 2013

American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

### RSS-Gen - Issue 5, April 2018

General requirements and Information for the Certification of radio Apparatus

#### **RSS-210-Issue 9, August 2016**

Licence-exempt Radio Apparatus: Category I Equipment

#### **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. : ELEDIVALL188

Model/Type reference. : ELEDIVALL188

Trade Mark. : DYNACO Entrematic

Serial number (S/N). : Not communicated

Part number (P/N). : Not communicated

Software version. : Not communicated

Firmware version. : Not communicated

Type of complete.

Type of sample. ..... Pre-serial

Function(s)...... Transmit the status of a contact via radio

Manufacturer name. ..... PRASTEL FRANCE

**General product information:** 

N/A

## 3.2. EUT Mechanical and Electrical Design

Power supply range : 3.6 Vdc

Power type.....: Batteries (LS14250)

Power .....: 126 mW Nominal current .....: 35 mA

Dimensions (L x W x H) (m). ..... 0.06x0.02x0.02

Weight (kg). ....: 0.014

Temperature range.....: -20°C to +60°C

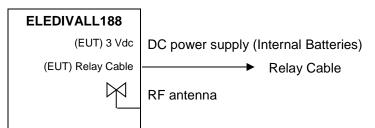
Ground bounding strap.....: No

#### Photos:





## 3.3. EUT Input/Output ports



Port	Name	Түре	LENGHT	CABLE TYPE	COMMENTS
1	DC power supply (Internal Battery)	DC	N/A	Internal battery	Remplaced by external power source (Emitech n°8496)
2	Relay Cable	I/O	40cm	Not shielded	·
3	RF antenna	RF	433.92 MHz	RF Antenna	

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



## 3.4. EUT Radio Specifications

### a) GENERAL INFORMATIONS

According to manufacturer's declarations:

EUT type.....: Transmitter

Technology .....: SRD

Environmental profile .....: Light Industry – Residential

Temperature range .....: -20°C to +60°C

Antenna type .....: Integral

Antenna Gain...... Not communicated

#### **Comments:**

N/A

#### b) Transmitter Paramitters (Tx)

Frequency bands.....: 433.92 MHz
RF Power....: 10 mW
Number of channels / Separation...: 1
Modulation type ....: OOK

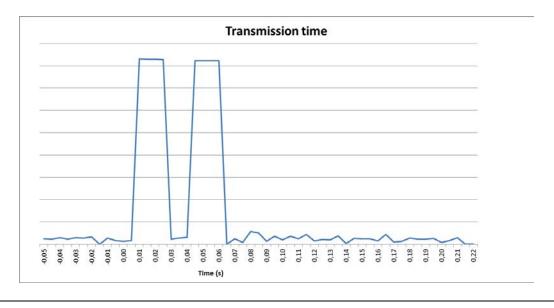
Duty cycle .....: 0.002%
Tested frequency : 433.92 MHz

#### c) RECEIVER PARAMETERS (RX)

### d) TRANSMISSION TIME (TX)

To comply with §15.231 (a) (1) or (2) it was verified that the emission of the product lasted less than 5 s after a key was pressed.

It was found that the transmission lasted no less than 10 ms after each activation (see below)





## 4. RESULT SUMMARY

TEST DESIGNATION	SEVERITY	VERDICT	BASIC STANDARDS / COMMENTS
Antenna requirement	-	PASS	Integrated antenna
Conducted voltage emission (measurement)		N/A	ANSI C63.10: 2013 //15.207 and RSS-Gen Powered by internal batteries
Radiated spurious emissions <30MHz			15.209 and RSS-Gen
- RNE TX/0°	Tx	PASS	
- RNE_TX / 45°	Tx	PASS	
- RNE_TX / 90°	Tx	PASS	
Radiated spurious emissions >30MHz			15.209 & 15.231 and RSS-Gen & RSS-210 Annex A1
- RNE / Tx Mode / ELEDIVALL188 / OOK	Tx	PASS	
- RNE / Tx Mode / ELEDIVALL188 / GFSK	Tx	PASS	
Radiated field strength of fundamental	a)	PASS	15.231 a) and RSS-210 Annex A1
Occupied bandwidth	-	PASS	RSS-Gen §6.7

Sample subject to the test complies 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 account of uncertainty associated with the results.

Opinion(s) and interpretation(s): N/A



## 5. MEASUREMENT UNCERTAINTY

PARAMETER	MAXIMAL EMITECH UNCERTAINTY	MINIMAL STANDARD UNCERTAINTY
Conducted emission		
(Artificial Mains Network) 3kHz – 9kHz	$\pm$ 3.8 dB	/
(Artificial Mains Network) 9kHz – 150kHz	$\pm$ 3.6 dB	$\pm$ 3.6 dB
(Artificial Mains Network) 150kHz – 30MHz	$\pm$ 3.4 dB	± 3.4 dB
(Voltage probe) 9kHz – 30MHz	$\pm$ 2.9 dB	± 2.9 dB
(Asymmetric Artificial Network) 150kHz – 30MHz	$\pm$ 3.5 dB	$\pm$ 5.0 dB
(Current measurement) 150kHz – 30MHz	± 2.9 dB	± 2.9 dB
(Capacitive Voltage Probe) 150kHz – 30MHz	$\pm$ 3.6 dB	$\pm$ 3.9 dB
(Discontinuous) 150kHz – 30MHz	$\pm$ 3.4 dB	± 3.4 dB
(Van Veen) 9kHz – 30MHz	$\pm$ 3.3 dB	/
(Coupling Decouplingl Network) 30MHz – 300MHz	$\pm$ 3.5 dB	$\pm$ 3.8 dB
(Splitter) 30MHz – 2.15GHz	$\pm$ 3.4 dB	/
Radio frequency	± 1 x 10 <sup>-7</sup>	±1 x 10 <sup>-7</sup>
Occuped bandwidth		
RF power	± 1.2 %	± 5 %
Radiated emission (magnetic field)		
9kHz – 30MHz	± 2.7 dB	± 6 dB
Supply voltages	± 3 %	± 3 %
Temperature	± 1 °C	± 1°C
Humidity	± 5 %	± 5 %
Time / Duty cycle	± 4.4 %	± 5 %
Radiated emission (electric field for FCC standard)		
9kHz – 30MHz	$\pm$ 2.7 dB	/
30MHz – 1GHz	$\pm$ 5.2 dB	/
1GHz – 18GHz	$\pm5.3~\mathrm{dB}$	/
18GHz – 26GHz	$\pm$ 5.5 dB	/
26GHz – 40GHz	± 5.5 dB	/

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



### 6. TEST CONDITIONS AND RESULTS

## 6.1. Radiated spurious emissions <30MHz

Reference standard:	CFR 47 FCC part 15 and RSS-Gen		
Test method:	15.209		

**Test description:** : Spurious domain emission limits are limits on emissions at frequencies other than those of the carrier and sidebands associated with normal test modulation.

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

Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter in a anechoic chamber. The EUT was rotated 360°in order to maximize radiated levels. Test antenna was oriented in 3 axes (0°, 45° and 90°).

Final measurements (quasi-peak) were then performed in a 10-meter Open Area Test Site that complies to CISPR 16 in the same measurement conditions.

All frequencies were investigated, where applicable.

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
RNE_TX / 0°	9kHz-30MHz	Class Tx	EMI5797	PASS
RNE_TX / 45°	9kHz-30MHz	Class Tx	EMI5798	PASS
RNE_TX / 90°	9kHz-30MHz	Class Tx	EMI5799	PASS

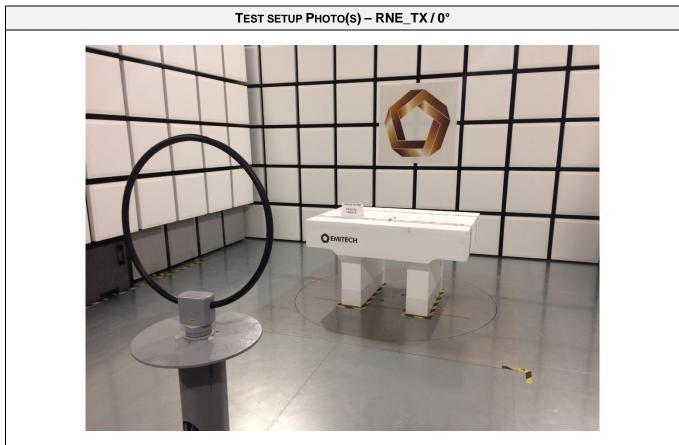
LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST	
Ambient Temperature	15 to 35 °C	See Graph(es)	
Relative Humidity	20 to 75 %	See Graph(es)	
Atmospheric pressure	N/A	See Graph(es)	

Test method deviation: N/A

Supplementary information: limit indicated on the curves is calculated with 40 dB/decade extrapolation factor and 51.5 dB conversion factor.

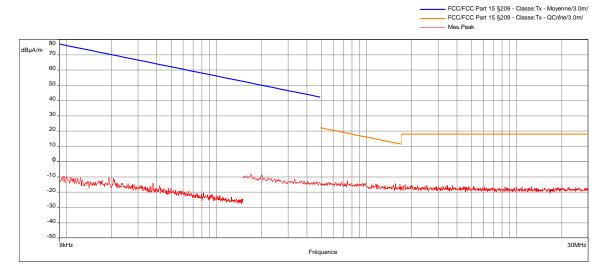
TEST EQUIPMENT USED							
CATEGORY	BRAND	Түре	IDENTIFIER	CAL. DATE	CAL. DUE		
Antenna	Rohde & Schwarz	HFH2-Z2	5825	20/09/2017	20/11/2019		
Cable	Huber Suhner	N-10m	8472	16/02/2017	16/04/2019		
Cable	SUCOFLEX	N-3m	14378	18/01/2017	18/03/2019		
Cable	SUCOFLEX	N-6,5m	14380	18/01/2017	18/03/2019		
Receiver	Agilent Technologies	E4440A	5824	18/04/2018	18/06/2020		
Shielded enclosure	COMTEST	SAC 3m	14494	14/02/2017	14/04/2020		
Software	Nexio	BAT EMC v3.16.0.64	0000				
Thermohygrometer	Testo	608-H2	12268	27/11/2017	27/01/2020		
Thermohygrometer	Bioblock Scientific	Météostar	0963	27/12/2016	27/02/2019		
Turntable	Maturo	NCD	14657				







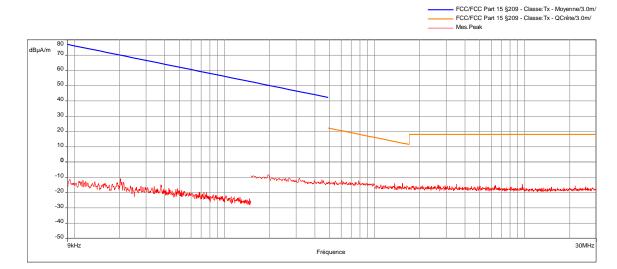
RADIATED SPURIOUS EMISSIONS < 30MHz - GRAPH						
	RNE_TX / 0° EMI5797					
EUT mode:	The transmitter is in continuous mode by an internal D-M3 data signal.	T (°C):	19.7			
Test Date:	03/05/2018	H (%):	41.6			
<b>Test Operator:</b>	MPA	P (hPa):	1009			



Position	FREQUENCIES	RBW	VBW	DETECTOR		
Circular	9kHz-150kHz	1kHz	3kHz	Peak		
Circular	150kHz-1MHz	10kHz	30kHz	Peak		
Circular	1MHz-30MHz	10kHz	30kHz	Peak		
Configuration:	Measurements maximized at 360 ° in peak maxhold mode.					
Comments:	N/A					
EUT modification(s): N/A						



RADIATED SPURIOUS EMISSIONS < 30MHz - GRAPH							
	RNE_TX / 45° EMI5797						
EUT mode:	The transmitter is in continuous mode by an internal D-M3 data signal.	T (°C):	19.7				
Test Date:	03/05/2018	H (%):	41.6				
Test Operator:	MPA	P (hPa):	1009				



Position	FREQUENCIES	RBW	VBW	DETECTOR		
Circular	9kHz-150kHz	1kHz	3kHz	Peak		
Circular	150kHz-1MHz	10kHz	30kHz	Peak		
Circular	1MHz-30MHz	10kHz	30kHz	Peak		
Configuration:	Measurements maximized at 360 ° in peak maxhold mode.					
Comments:	N/A					

EUT modification(s): N/A



	RADIATED SPUR	RIOUS EMISSION	s <30MHz - Gr	APH		
	RNE_TX	/ 90°			EMI	5797
EUT mode:	The transmitter is in continusignal.	ious mode by a	n internal D-M	3 data	T (°C):	19.7
Test Date:	03/05/2018				H (%):	41.6
Test Operator:	MPA				P (hPa):	1009
dBµA/m 70 60 60 60 40 30 20 10 60 60 60 60 60 60 60 60 60 60 60 60 60	The state of the s	Fréquence			209 - Classe:Tx - Moyenne 209 - Classe:Tx - QCréte/ 3	
Desizion	Facousyous	DDW	VDW		Detector	
Position	FREQUENCIES	RBW	VBW		DETECTOR	
Circular	9kHz-150kHz	1kHz	3kHz		Peak	
Circular	150kHz-1MHz	10kHz	30kHz		Peak	
Circular	1MHz-30MHz	10kHz	30kHz	<u> </u>	Peak	
Configuration:	Measurements maximized a	at 360 ° in peal	c maxhold mod	e.		
Comments:	N/A					
EUT modification	(s): N/A					

All unwanted radiated spurious (<30MHz) are at least 20 dB below specified limits.



## 6.2. Radiated spurious emissions >30MHz

Reference standard:	CFR 47 FCC part 15 and RSS-Gen
Test method:	15.209
Test description: : Test is done in fully anec	hoic shielded chamber at 3m. E.U.T. is set on a styrofoam table.

**Test description:** Test is done in fully anechoic shielded chamber at 3m. E.U.T. is set on a styrofoam table. Measurements are done in max-hold peak detection in hopping mode maximized at 360°.

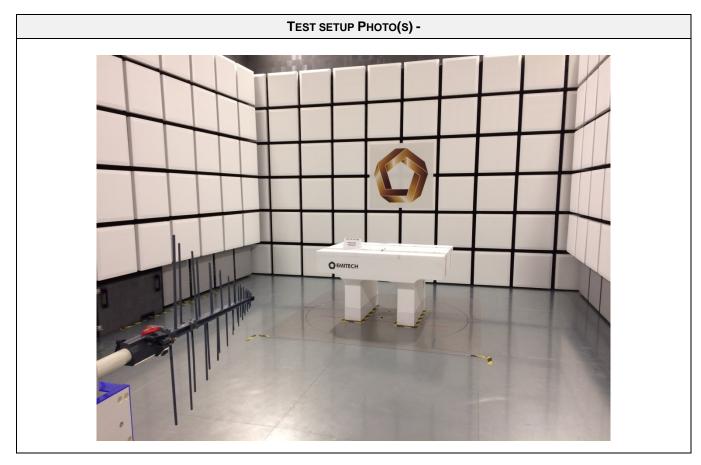
TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
RNE / Tx mode / ELEDIVALL188	30MHz-6GHz	Class Tx	EMI5797	PASS

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

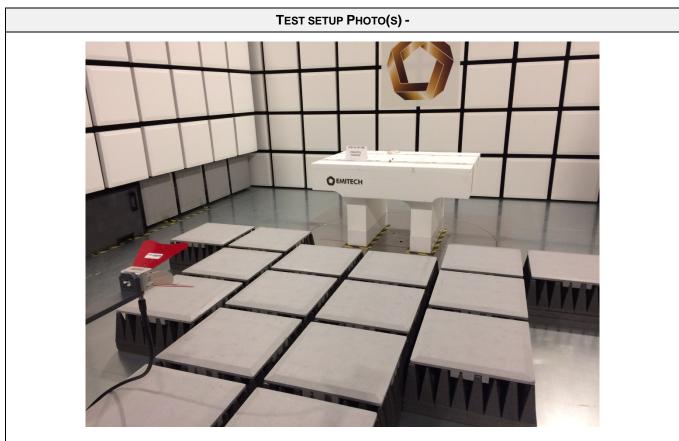
		TEST EQUIPMENT USED			
CATEGORY	BRAND	ТҮРЕ	IDENTIFIER	CAL. DATE	CAL. DUE
Antenna	ETS-Lindgren	3117	5456	16/03/2016	16/05/2019
Antenna	Electro Metrics	BIA-30HF	0824	25/04/2015	25/06/2018
Antenna	Rohde & Schwarz	HL223	3126	25/04/2015	25/06/2018
Cable	TechniWAVE	N-0.23m	14894	23/02/2018	23/04/2020
Cable	TechniWAVE	N-0.23m	14896	23/02/2018	23/04/2020
Cable	STORM MICROWAVE	N-0.2m	10265	05/10/2016	05/12/2018
Cable	Huber Suhner	N-10m	8472	16/02/2017	16/04/2019
Cable	SUCOFLEX	N-3m	14379	18/01/2017	18/03/2019
Cable	SUCOFLEX	N-6,5m	14380	18/01/2017	18/03/2019
Filter	Micro-Tronics	HPM 11630	4392	05/10/2016	05/12/2018
Preamplifier	IMPULSE	CA118-546ACN	9169	13/10/2017	13/12/2018
Receiver	Agilent Technologies	E4440A	5824	18/04/2018	18/06/2020
Shielded enclosure	COMTEST	SAC 3m	14494	14/02/2017	14/04/2020
Software	Nexio	BAT EMC v3.6.0.32	0000		
Antenna mast	Maturo	NCD	14656		
Turntable	Maturo	NCD	14657		
Thermohygrometer	Testo	608-H1	12269	27/12/2016	27/02/2019
Thermohygrometer	Bioblock Scientific	Météostar	0963	27/12/2016	27/02/2019





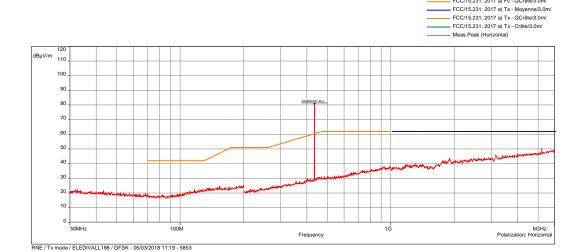


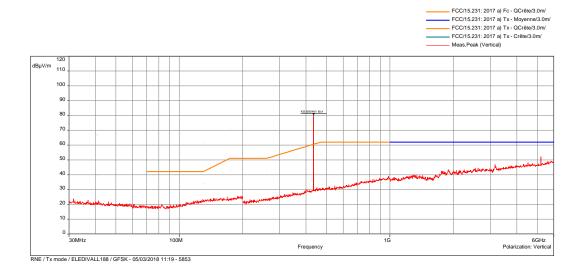






	RADIATED SPURIOUS EMISSIONS < 30MHz - GRAPH		
	RNE / Tx Mode / ELEDIVALL188	EMI	5797
EUT mode:	The transmitter is modulated in continuous mode.	T (°C):	19.7
Test Date:	03/05/2018	H (%):	41.6
Test Operator:	MPA	P (hPa):	1009
	FCC/15.231: 2017 a)	Fc - QCrête/3.0m/	





Position	FREQUENCIES	RBW	VBW	DETECTOR		
Vertical	30MHz-1GHz	100kHz	300kHz	Peak		
Horizontal	30MHz-1GHz	100kHz	300kHz	Peak		
Vertical	1GHz-6GHz	1MHz	3MHz	Peak		
Horizontal	1GHz-6GHz	1MHz	3MHz	Peak		
Configuration:	figuration: Measurements maximized at 360 ° in peak maxhold mode.					
Comments:	s: N/A					
EUT modification	(s): N/A					



## 6.3. Radiated field strength of fundamental

Reference standard: CFR 47 FCC part 15 and RSS-210	
Test method:	15.231

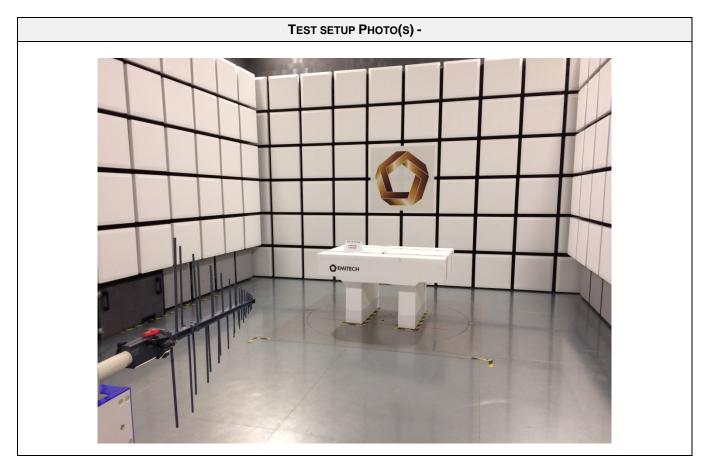
**Test description:** : Test is done in fully anechoic shielded chamber at 3m. E.U.T. is set on a styrofoam table. Measurements are done in max-hold peak detection in hopping mode maximized at 360°.

TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Tx / Vertical	100kHz	(b)	EMI5797	PASS
Tx / Horizontal	100kHz	(b)	EMI5798	PASS
Desactivate time	N/A	(a)(1)	EMI5799	PASS

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

		TEST EQUIPMENT USED			
CATEGORY	BRAND	Түре	IDENTIFIER	CAL. DATE	CAL. DUE
Antenna	Rohde & Schwarz	HFH2-Z2	5825	20/09/2017	20/11/2019
Cable	Huber Suhner	N-10m	8472	16/02/2017	16/04/2019
Cable	SUCOFLEX	N-3m	14378	18/01/2017	18/03/2019
Cable	SUCOFLEX	N-6,5m	14380	18/01/2017	18/03/2019
Receiver	Agilent Technologies	E4440A	5824	18/04/2018	18/06/2020
Shielded enclosure	COMTEST	SAC 3m	14494	14/02/2017	14/04/2020
Software	Nexio	BAT EMC v3.16.0.64	0000		
Thermohygrometer	Testo	608-H2	12268	27/11/2017	27/01/2020
Thermohygrometer	Bioblock Scientific	Météostar	0963	27/12/2016	27/02/2019
Turntable	Maturo	NCD	14657		





	RADIATED FIELD S	STRENGTH OF FUNDAMENTAL - G	RAPH		
	RNE/Tx Mode/ELEC	DIVALL188 / OOK		EMI	5797
EUT mode:	The transmitter is modulate	d (OOK) in continuous mode.		T (°C):	19.7
Test Date:	03/05/2018	03/05/2018			41.6
Test Operator:	MPA P (hPa):			1009	
Position	FREQUENCIES	QUASI PEAK LEVEL		LIMIT	
Vertical	433.92 MHz	6,026 μV/m	10	,997 μV/m	
Horizontal	433.92 MHz	8,710 μV/m	10	,997 μV/m	
Configuration:	Configuration: Measurements maximized at 360°				
Comments:	N/A				
EUT modification	(s): N/A				



## 6.4. Occupied Bandwith 99% & 20 dB Bandwith

Reference standard:	RSS-Gen § 6.7	
Test method:	RSS-Gen § 6.7	
General test setup: A near field probe detects field near equipment (relative measurement).		

The 99 % OBW function is used .

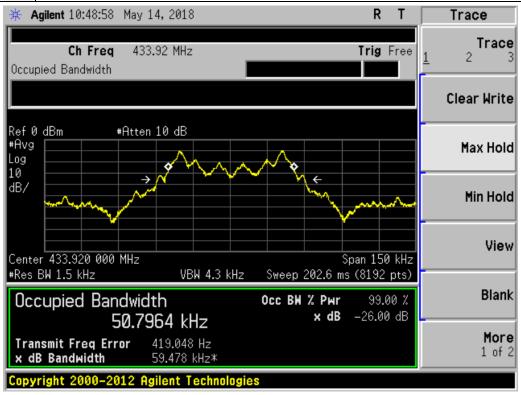
TESTED	FREQUENCY	SEVERITY	RESULT TAB.	VERDICT
OBW 99%	433.92 MHz	NA	EMI5756	PASS
-20 dB Bandwith	433.92 MHz	NA	EMI5797	PASS

LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST	
Ambient Temperature	15 to 35 °C	20.1 °C	
Relative Humidity	20 to 75 %	42.5%	
Atmospheric pressure N/A 1015 hPa			
Test method deviation: N/A			
Supplementary information: N/A			

TEST EQUIPMENT USED					
CATEGORY	BRAND	Түре	IDENTIFIER	CAL. DATE	CAL. DUE
Attenuator	Radiall	R412720124	4391	01/02/2018	01/04/2020
Cable	MICRO-COAX	N-3m	10536	12/10/2017	12/12/2019
Cable	C&C	N-3m	14332	15/12/2016	15/02/2019
Cable	C&C	N-3m	14333	15/12/2016	15/02/2019
Climatic enclosure	Heraeus	UT6060	2116		
Multimeter	Agilent Technologies	U1252A	6138	24/01/2018	24/03/2020
Power supply	TTi	PL303QMD	8496		
Receiver	Agilent Technologies	E4440A	5824	18/04/2018	18/06/2020
Software	Nexio	BAT EMC v3.6.0.32	0000		
Thermohygrometer	Testo	608-H2	12268	27/11/2017	27/01/2020
Thermohygrometer	Bioblock Scientific	Météostar	0963	27/12/2016	27/02/2019



OCCUPIED BANDWITH 99% - GRAPH			
OBW / ELEDIVALL188 EMI5756			
EUT mode:	D-M2		
Test Date:	14/05/2018		
Test Operator:	MPA		



EUT modification(s): N/A

PERMITTED RANGE OF OPERATING FREQUENCIES - TABULATED RESULTS			
OBW / ELEDIVALL188			EMI5756
Center Frequency	RBW	OCCUPIED BANDWITH 99%	N/A
433.92 MHz	1.5 kHz	50.7964 kHz	N/A



20DB BANDWITH - GRAPH			
	20DB / ELEDIVALL188 EMI5797		
EUT mode:	D-M2		
Test Date:	14/05/2018		
Test Operator:	MPA		



EUT modification(s): N/A

PERMITTED RANGE OF OPERATING FREQUENCIES - TABULATED RESULTS			
20 <sub>DB</sub> / ELEDIVALL188			EMI5797
Center Frequency	RBW	20DB BANDWITH	N/A
433.92 MHz	1.5 kHz	52.35 kHz	N/A

**000** End of test report **000**