



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 PRASTEL FRANCE

Address...... 225 impasse du Serpolet

ZI Athélia II

13600 LA CIOTAT

FRANCE

Test item description. Remote control 4 channels

Trade Mark. PRASTEL

Manufacturer. PRASTEL FRANCE

Model/Type reference..... SLIM+

FCC ID...... 2AEHC-SLIMPLUS

IC.....: None Ratings....: 3 Vdc

Testing Laboratory EMITECH MONTPELLIER laboratory

Address...... 145 rue de Massacan

34740 VENDARGUES Cedex

FRANCE

Report Reference No...... R410-18-101706-12A

Test procedure. FCC&IC Certification

Diffusion..... Mr JAUMES

Applicant's name. PRASTEL FRANCE

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

Modified page(s)...... Creation

Compiled by...... Morgan PATEY

Approved by (+ signature)...... Olivier HEYER (Laboratory Manager)

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1. GENERAL INFORMATIONS

This document submits the results of Radio tests performed on the equipment **Door opening remote control (Model: SLIM+)** (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 05th to the 14th 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 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)

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.....: SLIM+

Model/Type reference...: SLIM+

Trade Mark....: PRASTEL

Serial number (S/N)....: Not communicated Part number (P/N)...: Not communicated Software version...: Not communicated Firmware version...: Not communicated

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

Function(s).....: Door opening remote control

Manufacturer name. PRASTEL FRANCE

General product information:

N/A

3.2. EUT Mechanical and Electrical Design

Power supply range...... 3 Vdc

Power type.....: Battery (CR2032)

Dimensions (L x W x H) (m). 0.065x0.03x0.011

Weight (kg).: 0.027

Temperature range.....: -20°C to +55°C

Ground bounding strap.....: No

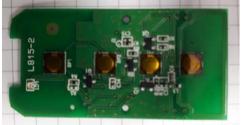
Comments:

Batteries was remplaced by external power source during tests.

Photos:









3.3. EUT Input/Output ports

SLIM+

(EUT) 3 Vdc

DC power supply (Internal Battery)

RF antenna

Port	NAME	TYPE	LENGHT	CABLE TYPE	COMMENTS
0	Main frame	N/E	N/A	Plastic Metallic	
1	DC power supply (Internal Battery)	DC	N/A	Internal battery	Remplaced by external power source (Emitech n°8496)
2	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)

Number of channels / Separation...... 1

Modulation type: OOK + GFSK Duty cycle: 0.002%

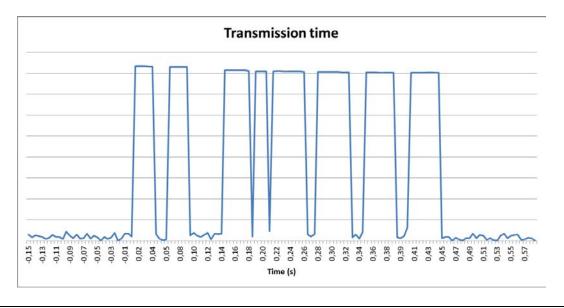
Tested frequency....: 433.92 MHz

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 500 ms after each press (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
- 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 / SLIM+ / OOK	Tx	PASS	
- RNE / Tx Mode / SLIM+ / 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	± 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 ⁻⁷	±1 x 10 ⁻⁷
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	1
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°).

If necessary, final measurements (quasi-peak) are 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)

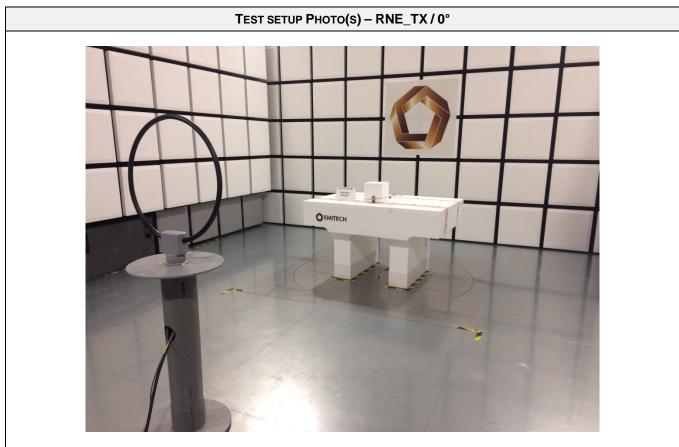
Test method deviation: N/A

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				

Blank cells = Permanent validity



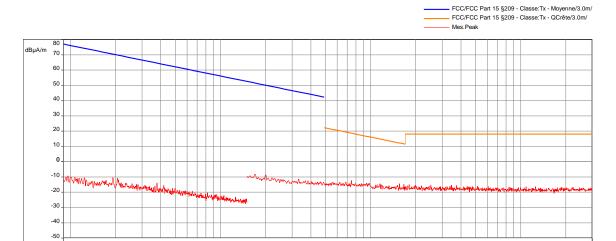


30MHz



9kHz

	RADIATED SPURIOUS EMISSIONS < 30MHz - GRAPH							
	RNE_TX / 0° EMI5797							
EUT mode:	The transmitter is modulated (OOK+GFSK) 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					

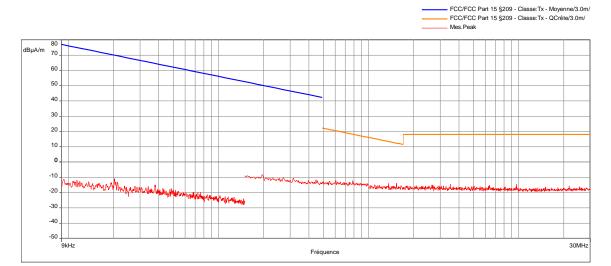


Position	FREQUENCIES	RBW	VBW	DETECTOR	
Circular	9kHz-150kHz	1kHz	3kHz	Peak	
Circular	150kHz-1MHz	10kHz	30kHz	Peak	
Circular	1MHz-30MHz	10kHz	30kHz	Peak	
Configuration:	Measurements maximized at 360 ° in peak maxhold mode.				
Comments:	N/A				
EUT modification(s): N/A					

Fréquence



	RADIATED SPURIOUS EMISSIONS < 30MHz - GRAPH							
	RNE_TX / 45° EMI5797							
EUT mode:	The transmitter is modulated (OOK+GFSK) 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				



	RADIATED SPUI	RIOUS EMISSION	s <30MHz - Gi	RAPH		
	RNE_TX		- 1001111111111111111111111111111111111		EMI	5797
EUT mode:	The transmitter is modulate an internal D-M3 data signa	ed (OOK+GFSI	K) in continuou	s mode by	T (°C):	19.7
Test Date:	03/05/2018				H (%):	41.6
Test Operator:	MPA				P (hPa):	1009
					3209 - Classe:Tx - Moyenn 3209 - Classe:Tx - QCrête/	
dBμA/m 70						
60						
50						
40						
20						
10						
0						
-10 wwy		and the same of th	why have been any to be a superior de de sur la constitución de la con	gyptelledgesterendeltersgepense <mark>n generalis</mark> ersen	min Mar Marin Makan Jan Marin	nya pinganaka
-30	The state of the s					
-40						
-50 9kHz		5-1				30MHz
		Fréquen	De .			
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 pea	k maxhold mod	de.		
Comments:	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. F.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 / SLIM+ / OOK	30MHz-6GHz	Class Tx	EMI5797	PASS
RNE / Tx mode / SLIM+ / GFSK	30MHz-6GHz	Class Tx	EMI5797	PASS

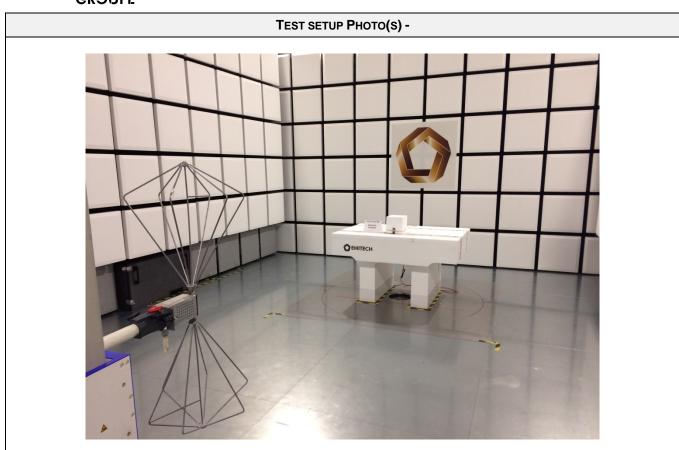
15 to 35 °C	Coo Cranh(aa)
10 10 00 0	See Graph(es)
20 to 75 %	See Graph(es)
N/A	See Graph(es)

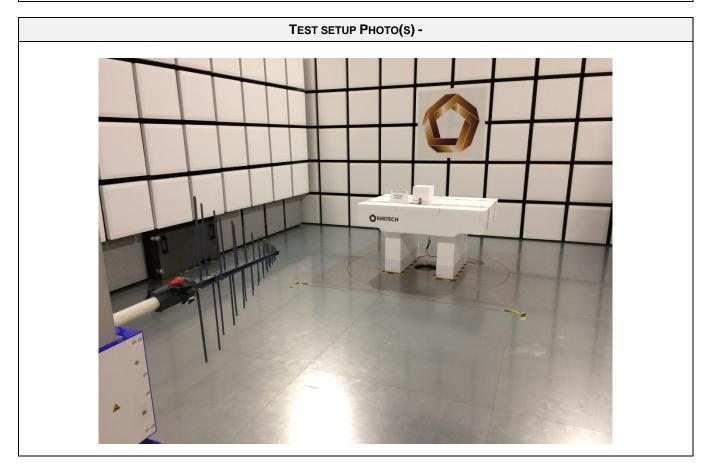
Supplementary information: N/A

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

Blank cells = Permanent validity







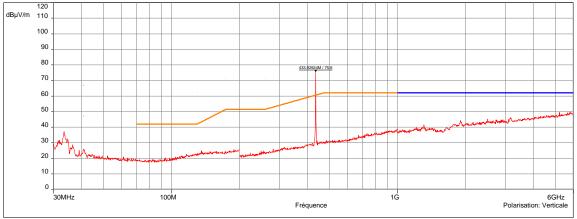






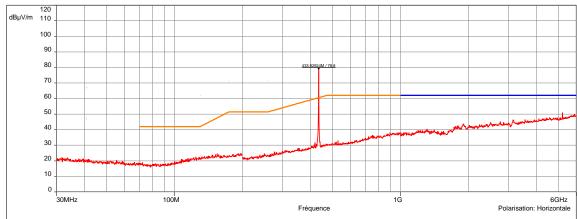
RADIATED SPURIOUS EMISSIONS <30MHz - GRAPH					
	RNE / Tx Mode / SLIM+ / OOK EMI5797				
EUT mode:	The transmitter is modulated (OOK) in continuous mode.	T (°C):	19.7		
Test Date: 03/05/2018		H (%):	41.6		
Test Operator:	MPA	P (hPa):	1009		

FCC/15.231: 2017 a) - Classe:Tx - Moyenne/3.0m/
FCC/15.231: 2017 a) - Classe:Tx - QCrête/3.0m/
FCC/15.231: 2017 a) - Classe:Fc - QCrête/3.0m/
Mes.Peak (Verticale)



RNE / Tx mode / SLIM+ / OOK - 03/05/2018 10:12 - 5849

FCC/15.231: 2017 a) - Classe:Tx - Moyenne/3.0m/
FCC/15.231: 2017 a) - Classe:Tx - QCrête/3.0m/
FCC/15.231: 2017 a) - Classe:Fc - QCrête/3.0m/
Mes.Peak (Horizontale)



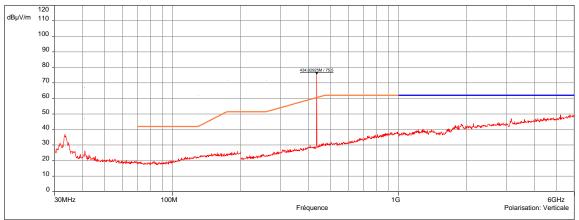
RNE / Tx mode / SLIM+ / OOK - 03/05/2018 10:12 - 5849

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: Measurements maximized at 360 ° in peak maxhold mode.					
Comments:	N/A				
	() ()				



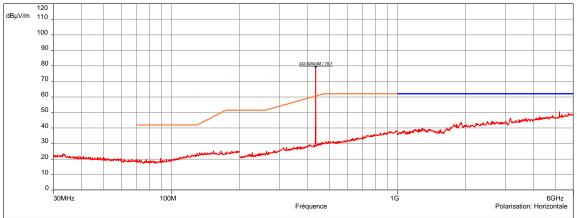
	RADIATED SPURIOUS EMISSIONS <30MHz - GRAPH					
	RNE/Tx Mode/SLIM+/GFSK EMI5797					
EUT mode:	The transmitter is modulated (GFSK) in continuous mode.	T (°C):	19.7			
Test Date:	Test Date: 03/05/2018					
Test Operator:	MPA	P (hPa):	1009			

FCC/15.231: 2017 a) - Classe:Tx - Moyenne/3.0m/
FCC/15.231: 2017 a) - Classe:Tx - QCrête/3.0m/
FCC/15.231: 2017 a) - Classe:Fc - QCrête/3.0m/
Mes.Peak (Verticale)



RNE / Tx mode / SLIM+ / GFSK - 03/05/2018 10:21 - 5850

FCC/15.231: 2017 a) - Classe:Tx - Moyenne/3.0m/
FCC/15.231: 2017 a) - Classe:Tx - QCrête/3.0m/
FCC/15.231: 2017 a) - Classe:Fc - QCrête/3.0m/
Mes.Peak (Horizontale)



RNE / Tx mode / SLIM+ / GFSK - 03/05/2018 10:21 - 5850

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:	: Measurements maximized at 360 ° in peak maxhold mode.				
Comments:	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°.

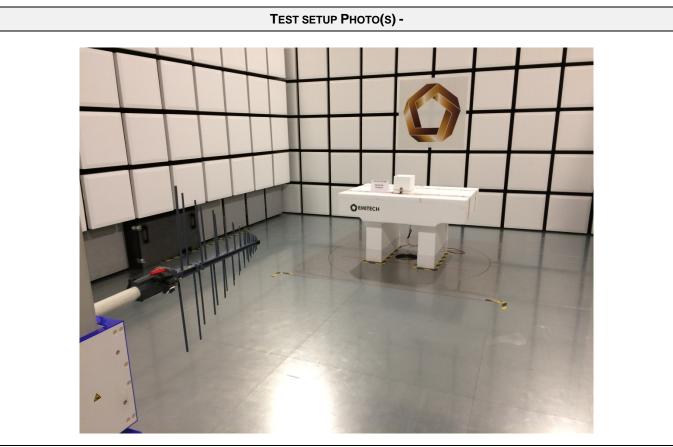
TESTED CONFIGURATION	PARAMETER	SEVERITY	RESULT TAB.	VERDICT
Tx / Vertical	100kHz	(b)	EMI5797	PASS
Tx / Horizontal	100kHz	(b)	EMI5798	PASS
Deactivate time	N/A	(a)(1)	EMI5799	PASS

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		

Blank cells = Permanent validity





RADIATED FIELD STRENGTH OF FUNDAMENTAL - GRAPH						
	RNE/Tx Mode/SLIM+/OOK EMI5797					
EUT mode:	The transmitter is modulate	d (OOK) in continuous mode		T (°C):	19.7	
Test Date:	03/05/2018			H (%):	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: Measurements maximized at 360°						
Comments: N/A						
EUT modification	(s): N/A					

RADIATED FIELD STRENGTH OF FUNDAMENTAL - GRAPH					
	RNE/Tx Mode/S	SLIM+/GFSK		EMI	5797
EUT mode:	The transmitter is modulate	d (GFSK) in continuous mode	Э.	T (°C):	19.7
Test Date:	03/05/2018			H (%):	41.6
Test Operator:	MPA	MPA I			1009
Position	FREQUENCIES	QUASI PEAK LEVEL		LIMIT	
Vertical	433.92 MHz	433.92 MHz 5,957 μV/m 10,997 μV/m			
Horizontal	433.92 MHz 8,610 μV/m 10,997 μV/m				
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

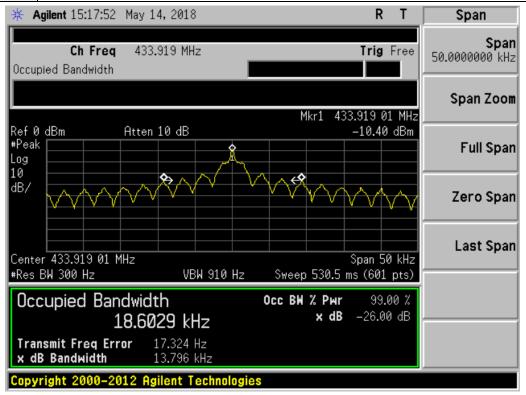
LABORATORY PARAMETERS:	REQUIRED PRIOR TO THE TEST	DURING THE TEST			
Ambient Temperature	15 to 35 °C	20.1 °C			
Relative Humidity	20 to 75 %	42.5%			
Atmospheric pressure	N/A	1015 hPa			
Test method deviation: N/A					
Supplementary information: N/A					

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

Blank cells = Permanent validity

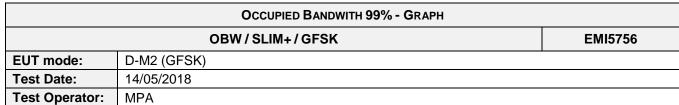


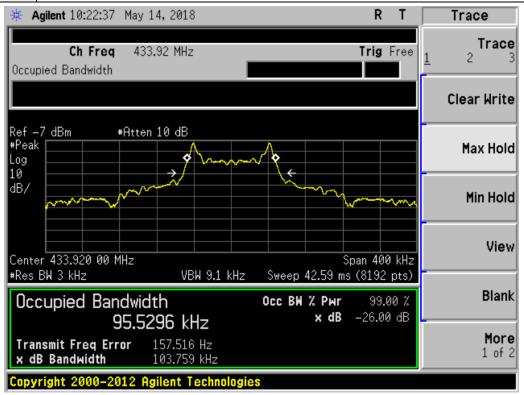
OCCUPIED BANDWITH 99% - GRAPH					
	OBW/SLIM+/OOK	EMI5756			
EUT mode:	D-M2 (OOK)				
Test Date:	14/05/2018				
Test Operator:	MPA				



PERMITTED RANGE OF OPERATING FREQUENCIES - TABULATED RESULTS					
	EMI5756				
Center Frequency RBW OCCUPIED BANDWITH 99%			N/A		
433.919 MHz	300 Hz	18.6029 kHz	N/A		



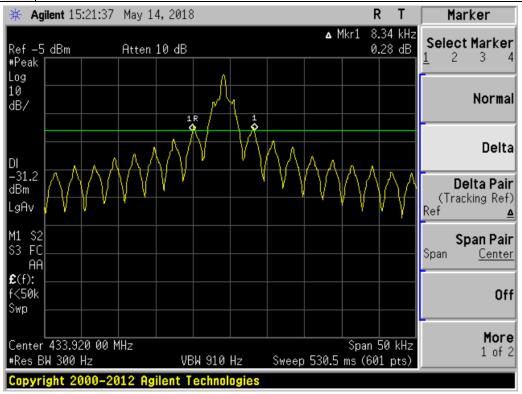




PERMITTED RANGE OF OPERATING FREQUENCIES - TABULATED RESULTS					
	EMI5756				
Center Frequency RBW OCCUPIED BANDWITH 99%			N/A		
433.92 MHz	3 kHz	95.5296 kHz	N/A		



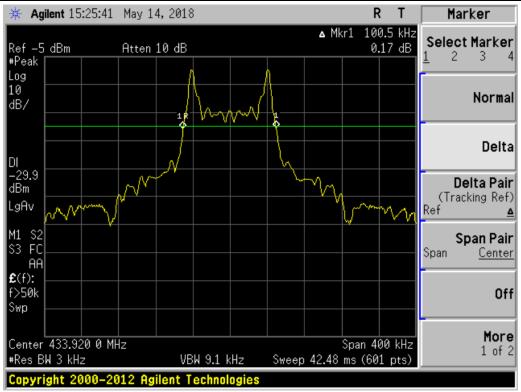
20DB BANDWITH - GRAPH					
	20DB / SLIM+ / OOK	EMI5797			
EUT mode:	D-M2 (OOK)				
Test Date:	14/05/2018				
Test Operator:	MPA				



PERMITTED RANGE OF OPERATING FREQUENCIES - TABULATED RESULTS					
20DB / SLIM+ / OOK EMIS					
Center Frequency RBW 20DB BANDWITH			N/A		
433.92 MHz	300 Hz	8.34 kHz	N/A		



20DB BANDWITH - GRAPH				
20DB / SLIM+ / GFSK		EMI5797		
EUT mode:	D-M2 (GFSK)			
Test Date:	14/05/2018			
Test Operator:	MPA			



PERMITTED RANGE OF OPERATING FREQUENCIES - TABULATED RESULTS					
	EMI5797				
Center Frequency	RBW	20DB BANDWITH	N/A		
433.92 MHz	3 kHz	100.5 kHz	N/A		

000 End of test report **000**