

File Number **24/36405327**

TEST REPORT

Radiofrequency

Petitioner's Reference:	Lock Up Smart Doors S.L.		
Company Address:	Escritor Jeronimo Tristante, N10, 3B. 30100- Murcia – Spain.		
Represented by:	Juan Jesús Pinuaga Cascales		
PMN:	Wi-Fi Extender		
Brand:	OPERTO	HMN:	OC1-EXT
Sample #1:	45013	Applus Id:	22053-00002
Sample #2:	42622	Applus Id:	22053-00001

Test Manager: Javier Miguel Nadales Lisbona

Date of issue: Bellaterra, December 12, 2024

EMC & Wireless Technical Manager
Electrical and Electronics
LGAI Technological Center S.A.

1 REPORT SUMMARY

Description	Sample #
EQUIPMENT PHOTOS	#1, #2
47 CFR 15.247 – BTLE	#1, #2
47 CFR 15.31 – Composite System	#2

Table 1: Description

Service Quality Assurance

Applus+, guarantees that this work has been made in accordance with our Quality and Sustainability System, fulfilling the contractual conditions and legal norms.

Within our improvement program we would be grateful if you would send us any commentary that you consider opportune, to the person in charge who signs this document, or to the Quality Manager of Applus+, in the following e-mail address: satisfaccion.cliente@applus.com

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3 GENERAL INFORMATION

3.1 OBJECTIVE

The purpose of this document is to collect the photographs taken of the equipment under test, its auxiliary equipment and the assembly photographs used to performance the certification process.

The following table lists each of the following sections with the file number of the corresponding test reports:

Section	File number
47 CFR 15.247 – BTLE	24/36405324
47 CFR 15.31 – Composite System	24/36405323

Table 2: Relations

3.2 TEST FACILITIES ID

TEST FACILITIES ID	
FCC Test Firm Registration Number:	507478
ISED Assigned Code:	5766A
CABID	ES0001

Table 3: Test facilities ID

3.3 COMPETENCES AND GUARANTEES

LGAI Technological Center, S.A. is a testing laboratory accredited by the National Accreditation Body (ENAC -Entidad Nacional de Acreditación), to perform the tests indicated in the Certificate No. 9/LE894.

In order to assure the traceability to other national and international laboratories, Applus+ Laboratories has a calibration and maintenance program for its measurement equipment.

Applus+ Laboratories guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and, it is based on the knowledge and technical facilities available at Applus+ Laboratories at the time of performance of the test.

Applus+ Laboratories is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test. The results presented in this Test Report apply only to the particular item under test established in this document.

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General conditions:

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
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4 PHOTOS

4.1 EQUIPMENT PHOTOS

4.1.1 Samples

Sample #1	
	
Front View	Back View
 ID Submuestra: 22053-00002 	
<p>Cliente: SHERPA CERTIFICATION S.L Código Oferta: 5810210610_12_590091 Fecha Recepción: 07-03-2024 Marca Muestra: Modelo: Nº de Serie:</p>	
Applus ID	

Table 4: Sample #1 description

Sample #2	
	
Front View	Back View
<p>Applus⁺ laboratories</p> <p>ID Submuestra: 22053-00001</p> 	
<p>Cliente: SHERPA CERTIFICATION S.L. Código Oferta: 5810210610_12_590091 Fecha Recepción: 07-03-2024 Marca Muestra: Modelo: Nº de Serie:</p>	
Applus ID	

Table 5: Sample #2 description

4.1.2 Auxiliary Equipment

Auxiliary Equipment		Applus ID	
 A photograph of two pieces of electronic equipment on a green grid background. At the top is a rectangular brown PCB (Programming Board) with several component leads visible. Below it is a black cable with a pink connector, labeled 'PROGRAMMER WIRE' on a small white card. To the left of the board is a white 'PRO' logo sticker. A ruler is visible at the bottom for scale.		<p>Applus⁺ laboratories ID Submuestra: 22053-00007 </p> <p>Cliente: SHERPA CERTIFICATION S.L Código Oferta: 5810210610_12_590091 Fecha Recepción: 07-03-2024 Marca Muestra: Modelo: Nº de Serie:</p>	
Auxiliary Equipment 0		Applus ID	
 A photograph of the same two pieces of equipment as in row 0, but with a ruler visible at the bottom for scale. The ruler is marked from 5 to 14 cm.			
Auxiliary Equipment 1		Applus ID	
Description	Port #	Name	Type
	0	Programming Board	PCB
	1	Programmer Wire	Cable

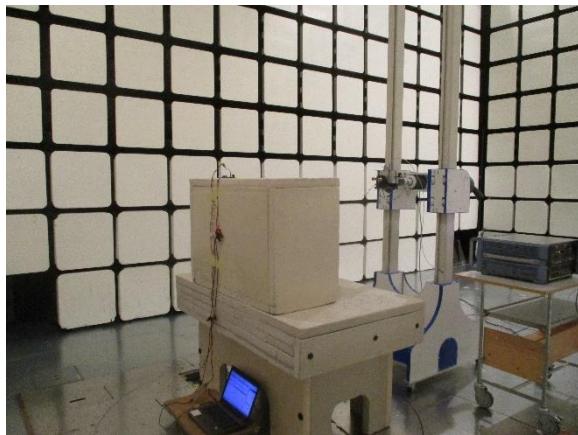
Table 6: Auxiliary equipment #1 description

4.1.3 DUT Modifications performed

No modifications have been performed.

4.2 47 CFR 15.247 – BTLE





Radiated emission – 18 GHz – 26 GHz

Table 7. Test set up – Radiated Measurements

CONDUCTED TEST SETUP

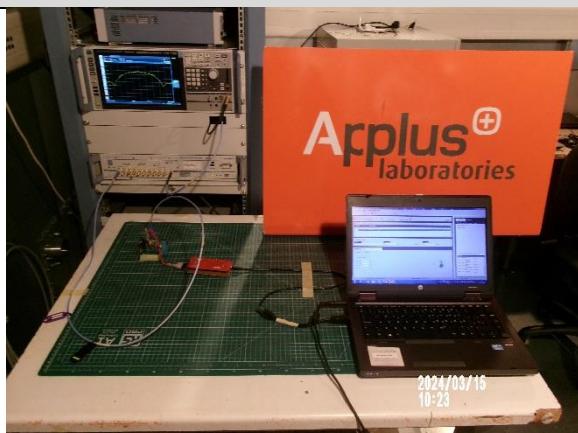


Table 8. Test set up – Conducted Measurements

4.3 47 CFR 15.31 – Composite System

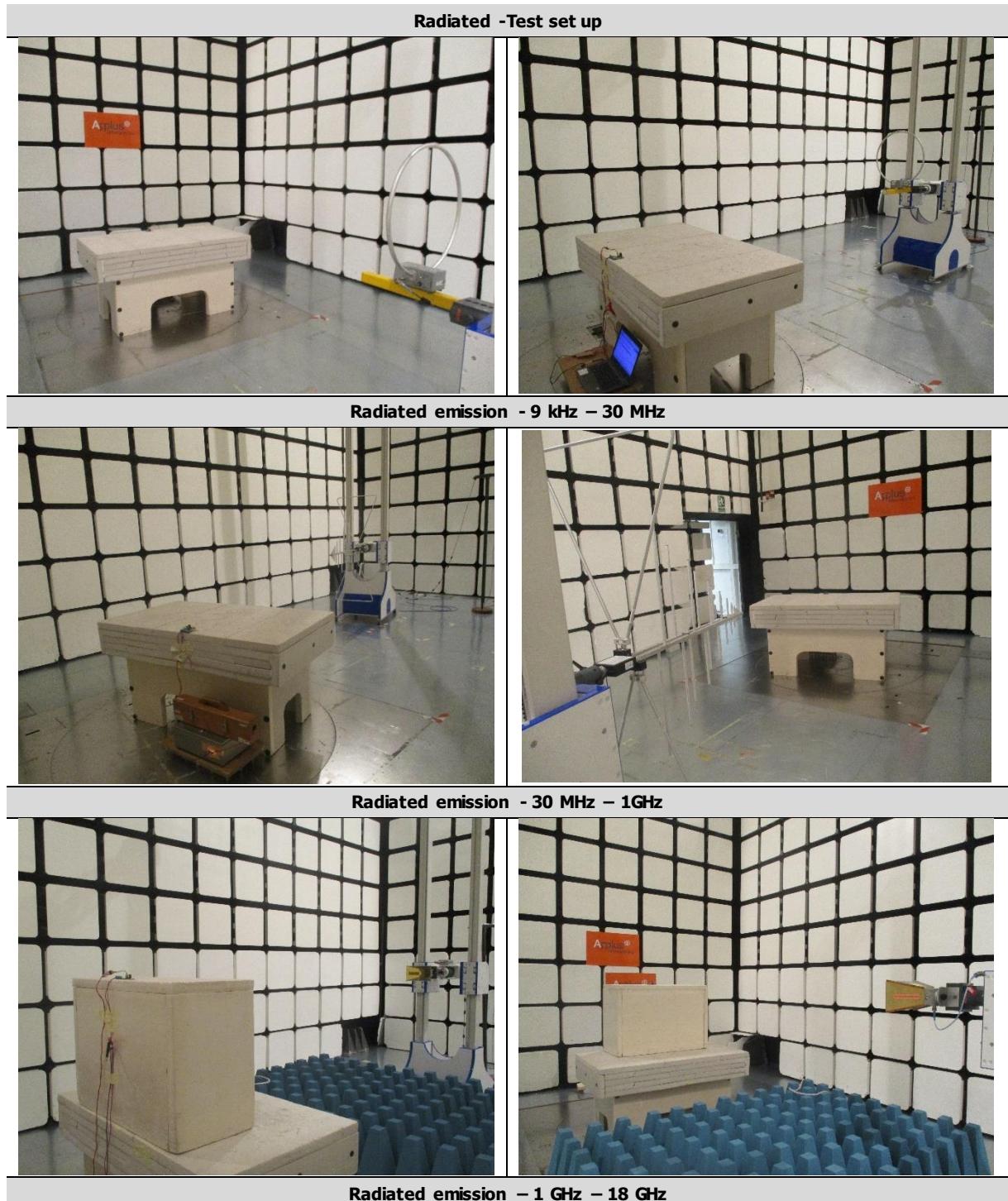




Table 9. Test set up – Radiated Measurements