

## FCC RF Exposure Report

Product name : WRMB  
Applicant : SALTO Systems, S.L.  
FCC ID : UKCWRMB

Test report No. : 160400933 Ver 1.00

## Laboratory information

### Accreditation

Telefication is designated by the FCC as an Accredited Test Firm for compliance testing of equipment subject to Certification under Parts 15 & 18. The Designation number is: NL0001

The Industry Canada registration number for the 3 meter test chamber of Telefication is: 4173A-1.

### Documentation

Telefication complies with the accreditation criteria for test laboratories as laid down in ISO/IEC 17025:2005. The accreditation covers the quality system of the laboratory as well as the specific activities as described in the authorized annex bearing the accreditation number L021 and is granted on 30 November 1990 by the Dutch Council For Accreditation (RvA: Raad voor Accreditatie).

The test report must always be reproduced in full; reproduction of an excerpt only is subject to written approval of the testing laboratory. The documentation of the testing performed on the tested devices is archived for 10 years at Telefication Netherland

### Testing Location

<b>Test Site</b>	Telefication BV
<b>Test Site location</b>	Edisonstraat 12a 6902 PK Zevenaar The Netherlands  Tel. +31316583180 Fax. +31316583189
<b>Test Site FCC</b>	NL0001



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## 1 General Description

### 1.1 Applicant

**Client name:** Salto systems, S.L.  
**Address** C/Arkotz 9 Pol. Lanbarre, Oiartzun  
**Zip code:** 20180  
**Telephone:** +34 943344550  
**E-mail:** j.gutierrez@saltosystems.com  
**Contact name:** J. Gutierrez

### 1.2 Manufacturer

**Manufacturer name:** Salto systems, S.L.  
**Address:** C/Arkotz 9 Pol. Lanbarre, Oiartzun  
**Zip code:** 20180  
**Telephone:** +34 943344550  
**E-mail:** j.gutierrez@saltosystems.com  
**Contact name:** J. Gutierrez

### 1.3 Tested Equipment Under Test (EUT)

**Product name:** WRMB  
**Brand name:** SALTO  
**Product type:** BLE capable wall RFID card reader  
**FCC ID:** UKCWRMB  
**Model(s):** WRMB  
**Software version:** Special firmware for testing  
**Hardware version:** --

## 1.4 MPE Calculation Method

Calculation method of RF Safety Distance:

$$PD = \frac{P_{out} * G}{4\pi r^2}$$

Where:

PD = Power Density in  $mW/cm^2$

Pout = Output power in mW

G = Gain of antenna

R = Distance between observation point and centre of the radiator in cm

## 1.5 Antenna

<b>Antenna type</b>	PCB PIFA
<b>Antenna gain</b>	0 dBi at 2.45 GHz

## 1.6 Calculation results

Frequency (MHz)	Max power (mW)	Antenna gain (numeric)	Distance (cm)	Power density ( $mW/cm^2$ )	Limit ( $mW/cm^2$ )	Result
2405 -2480	1.5	1	20	0.03	1	Pass