



中认信通

CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)



RF EXPOSURE EVALUATION REPORT

Applicant: Botslab, Inc.

Address: 919 North Market Street, Suite 950, Wilmington, New Castle, Delaware, USA

FCC ID: 2A22Z-R811

Product Name: Botslab Video Doorbell 2 Pro

Model: R811, R811 Pro, R811 Max, R812, R812 Pro, R812 Max, R813, R813 Pro, R813 Max

Standard(s): 47 CFR §1.1307

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: CR230740716-00B

Date Of Issue: 2023/12/25

Reviewed By: Calvin Chen

Title: RF Engineer

Reviewed By: Sun Zhong

Title: Manager

Test Laboratory: China Certification ICT Co., Ltd (Dongguan)

No. 113, Pingkang Road, Dalang Town, Dongguan,
Guangdong, China
Tel: +86-769-82016888



Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “▲”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

This report cannot be reproduced except in full, without prior written approval of the Company.

This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk “★”.

CONTENTS

DOCUMENT REVISION HISTORY 4

1. RF EXPOSURE EVALUATION 5

 1.1.1 APPLICABLE STANDARD..... 5

 1.1.2 MEASUREMENT RESULT..... 5

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	CR230740716-00	Original Report	2023/12/25

1. RF EXPOSURE EVALUATION

1.1.1 Applicable Standard

According to §1.1307(b)(3)(i)

(C) Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda/2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda/4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

Table 1 to § 1.1307(b)(3)(i)(C) - Single RF Sources Subject to Routine Environmental Evaluation

RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.

1.1.2 Measurement Result

Frequency (MHz)	$\lambda/2\pi$ (mm)	Distance (mm)	Exemption ERP		Maximum EIRP (dBm)	ERP (dBm)	MPE-Based Exemption
			(mW)	(dBm)			
24050-24240	1.99	200	768	28.85	2.91	0.76	Compliant

Note:

1. This device maximum E-Field level is 98.11 dB μ V/m at 3m, so the EIRP power is 2.91 dBm,
2. EIRP(dBm)=Field Strength of Fundamental(dBuV/m)-95.2 (dB),
3. ERP= EIRP(dBm)- 2.15 (dB)

Result: Compliant. RF Exposure is exemption.

===== END OF REPORT =====