



FCC RF EXPOSURE REPORT

For

August Doorbell Cam

MODEL NUMBER: AB-R2

REPORT NUMBER: 4788013564 - 6

ISSUE DATE: June 18, 2017

Prepared for

**August Home Inc
657 Bryant Street, San Francisco, 94107, USA**

Prepared by

**UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch
Room 101, Building 10, Innovation Technology Park,
Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
Tel: +86 769 33817100
Fax: +86 769 33244054
Website: www.ul.com**

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Revision History

Rev.	Issue Date	Revisions	Revised By
--	06/18/2017	Initial Issue	

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: August Home Inc
Address: 657 Bryant Street, San Francisco, 94107, USA

Manufacturer Information

Company Name: August Home Inc
Address: 657 Bryant Street, San Francisco, 94107, USA

EUT Name: August Doorbell Cam
Model: AB-R2
Sample Status: Normal
Sample ID: 1000221
Brand: August
Sample Received: May 27, 2017
Date of Tested: May 27, 2017 ~ June 14, 2017

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47CFR§2.1091	Complies

Tested By:



Leo Liu
Engineer

Check By:



Shawn Wen
Laboratory Leader

Approved By:



Stephen Guo
Laboratory Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091.

3. FACILITIES AND ACCREDITATION

Test Location	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Address	Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
Accreditation Certificate	The Laboratory has been assessed and proved to be in compliance with IAS, The Certificate Registration Number is TL-702 .
Description	All measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

4. REQUIREMENT

LIMIT AND CALCULATION METHOD

Systems operating under the provisions of FCC 47 CFR section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with.

Limits for General Population/Uncontrolled Exposure

RF EXPOSURE LIMIT

Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (Minutes)
0.3 -- 1.34	614	1.63	(100)*	30
1.34 -- 30	824/f	2.19/f	(180/f ²)*	30
30 -- 300	27.5	0.073	0.2	30
300 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

CALCULATION METHOD

$$S = PG/4\pi R^2$$

Where:

S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

CALCULATED RESULTS

802.11n HT 20 MODE					
Frequency	Output Power	Output Power	Power Density	Power Density Limit	Test Result
MHz	dBm	mW	mW/cm ²	mW/cm ²	--
5200	14.55	28.51	0.007	1	Complies

Note: 1. Antenna Gain=1.11dBi (Numeric 1.27), $\pi=3.141$.
2. The Power comes from report 4788013564 - 4.
3. The minimum separation distance of the device is greater than 20 cm.
4. Owing to the maximum Calculated Result is below the limit, so it deemed to comply with the basic restrictions without testing which means that no SAR is required.
5. Calculate by WORST-CASE mode.

END OF REPORT