FCC RF EXPOSURE REPORT

For

Doorbell

MODEL NUMBER:
DB11, DH-DB11, DHI-DB11, OEM-DB11, DB11X-YZ, DH-DB11X-YZ, DHI-DB11X-YZ, OEM-DB11X-YZ (X, Y, Z can be "0-9", "A-Z" or blank)

PROJECT NUMBER: 4788192384

REPORT NUMBER: 4788192384-5

FCC ID: FCC ID: SVNDHI-DB11

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Prepared for

Zhejiang Dahua Vision Technology Co., Ltd.

Prepared by

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Zhejiang Dahua Vision Technology Co., Ltd.
Address:	No.1199, Bin'an road, Binjiang District, Hangzhou, P.R.China.

Manufacturer Information

Company Name:	Zhejiang Dahua Vision Technology Co., Ltd.
Address:	No.1199, Bin'an road, Binjiang District, Hangzhou, P.R.China.

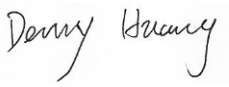
Factory Information

Company Name:	ZHEJIANG DAHUA VISION TECHNOLOGY CO.,LTD
Address:	No.1199, Bin'an road, Binjiang District, Hangzhou, P.R.China.
Company Name:	ZHEJIANG DAHUA ZHILIAN CO.,LTD.
Address:	No.28, Dongqiao Road, Dongzhou Street, Fuyang District, Hangzhou,P.R.China.

EUT Description

Product Name	Doorbell
Model Name	DB11
Additional No.	DH-DB11, DHI-DB11, OEM-DB11, DB11X-YZ, DH-DB11X-YZ, DHI-DB11X-YZ, OEM-DB11X-YZ (X, Y, Z can be "0-9", "A-Z" or blank)
Sample Number	1213330-001
Data of Receipt Sample	Oct. 17, 2017
Date Tested	Oct. 18, 2017 ~ Feb. 4, 2017

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC Guidelines for Human Exposure IEEE C95.1	Complies

Tested By : 

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Check By: 

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Approved By: 

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Laboratory Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with KDB 447498 D01 General RF Exposure Guidance v06.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **IAS (Lab Code: TL-702)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has demonstrated compliance with ISO/IEC Standard 17025:2005, General requirements for the competence of testing and calibration laboratories **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules **IC(Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with Industry Canada. The Company Number is 21320. **VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011

Note: All tests 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

Limits for General Population/Uncontrolled Exposure

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric 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/f2)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/150	30
1500-100,000	--	--	1.0	30
Note 1: f = frequency in MHz, * means Plane-wave equivalent power density				
Note 2: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.				
Note 3: The limit value 1.0mW/cm^2 is available for this EUT.				

MPE CALCULATION METHOD

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

where: S = power density (in appropriate units, e.g. mW/ cm2)
P = power input to the antenna (in appropriate units, e.g., mW) (the measured power value see operational description)
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 (appropriate units, e.g., cm)

CALCULATED RESULTS

Radio Frequency Radiation Exposure Evaluation

WIFI (Worst case)							
Frequency	Output Power to Antenna		Antenna Gain		Power Density	Limit	Test Result
(MHz)	(dBm)	(mW)	(dBi)	(Numeric)	(mW/cm2)	(mW/cm2)	--
2462	20	100	3	2.0	0.040	1	Complies

Note: the calculated distance is 20cm.

END OF REPORT