



## FCC Test Report

**Report No.:** ARFR-19MY2317VTSHPB-2

**FCC ID:** 2ANDLTY-R8805

**Product:** Smart Camera

**Test Model:** SC004-WA2/SC004-WB2

**Received Date:** May.22, 2019

**Test Date:** May.26 to Jun.10, 2019

**Issued Date:** Jun.10, 2019

**Applicant:** WF TASTEMAKERS TRADING LIMITED

**Address:** Unit 2303-04, NO 69 Jervois Street, Sheung Wan, Hong Kong

**Manufacturer:** Guangzhou panyu fantasia creation toys co.,ltd.

**Address:** Block C, Taishi Industrial Park YuWouTou, NanSha, Guangzhou  
Guangdong, China

**Issued By:** BUREAU VERITAS ADT (Shanghai) Corporation

**Lab Address:** No. 829, Xinzhuan Road, Shanghai, P.R.China (201612)

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### Release Control Record

Issue No.	Description	Date Issued
ARFR-19MY2317VTSHPB-2	Original release	Jun.10, 2019

## 1 Certificate of Conformity

**Product:** Smart Camera

**Brand:** TUYA

**Test Model:** SC004-WA2/SC004-WB2

**Applicant:** Hangzhou Tuya Information Technology Co., Ltd

**Test Date:** Jul.13 to Aug.23, 2018

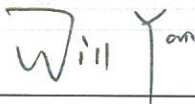
**Standards:** FCC Part 2 (Section 2.1091)

KDB 447498 D01 General RF Exposure Guidance v06

IEEE C95.1-1992

The above equipment has been tested by **BUREAU VERITAS ADT (Shanghai) Corporation**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by :



Will Yan

, Date: Jun.10, 2019

Project Engineer

Approved by :



, Date: Jun.10, 2019

## 2 RF Exposure

### 2.1 Limits For Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1,500	-	-	F/1500	30
1,500-100,000	-	-	1.0	30

F = Frequency in MHz

### 2.2 MPE Calculation Formula

Power density (S) is calculated according to the formula:

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

Where S = power density in mW/cm<sup>2</sup>

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

### 2.3 MPE Calculation Formula

The antenna of this product, under normal use condition, is at least 20cm from the body of the user. So the device is classified as Mobile Device.

### 2.4 Calculation Result of Maximum Permissible Exposure

Frequency Band (MHz)	Max Tune-up Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
WLAN 2.4GHz					
2412-2462	15.36	0	20	0.00684	1

**Conclusion: Pass**

**The calculation result of MPE is less than the limit.**

**--- END ---**