

#### FCC RF EXPOSURE REPORT

For

#### **CONSUMER CAMERA**

**MODEL NUMBER: IPC-F26FEP** 

**ADDITIONAL MODEL NUMBER:** 

IPC-F26FEP-0280B-imou; IPC-F26FEP-0360B-imou; IPC-F26FEN-0280B-imou; IPC-F26FEN-0360B-imou; IPC-F26FEN-imou; IPC-F26FEN

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**ISSUE DATE: May. 16, 2022** 

Prepared for

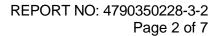
Hangzhou Huacheng Network Technology Co., Ltd

Prepared by

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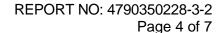
**Revision History** 

Rev.	Issue Date	Revisions	Revised By	
V0	05/16/2022	Initial Issue		



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1. ATTESTATION OF TEST RESULTS

Applicant Information	aaA	licant	Inform	ation
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Company Name: Hangzhou Huacheng Network Technology Co., Ltd

Address: Room 412, Building 2, No.2930, Nanhuan Road, Binjiang District,

Hangzhou, China

**Manufacturer Information** 

Company Name: Hangzhou Huacheng Network Technology Co., Ltd

Address: Room 412, Building 2, No.2930, Nanhuan Road, Binjiang District,

Hangzhou, China

**EUT Description** 

Product Name: CONSUMER CAMERA

Model Name: IPC-F26FEP

Additional No.: IPC-F26FEP-0280B-imou; IPC-F26FEP-0360B-imou;

IPC-F26FEN-0280B-imou; IPC-F26FEN-0360B-imou; IPC-F26FEP-imou; IPC-F26FEN-imou; IPC-F26FEN

Model Difference: Their electrical circuit design, layout, components used and internal

wiring are identical, only the color and model name is different. The model IPC-F26FEP was selected as the representative model

for compliance test.

Sample Number: 4807774
Data of Receipt Sample: Mar. 29, 2022

Date Tested: Mar. 29, 2022 ~ May. 03, 2022

#### **APPLICABLE STANDARDS**

STANDARD

**TEST RESULTS** 

FCC 47CFR§2.1091 KDB-447498 D01 V06

Complies

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#### 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.: 4829.01) UL-CCIC COMPANY LIMITED has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1247) UL-CCIC COMPANY LIMITED has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. IC (IC Designation No.: 25056; CAB No.: CN0073) UL-CCIC COMPANY LIMITED has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.
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Note 1: All tests measurement facilities use to collect the measurement data are located at No. 2, Chengwan Road, Suzhou Industrial Park, Suzhou 215122, People's Republic of China

Note 2: For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. These measurements below 30MHz had been correlated to measurements performed on an OFS.

Note 3: The test anechoic chamber in UL-CCIC COMPANY LIMITED had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

#### 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)	PowerDensity (S) (mW/cm²)	Averaging Time  E  <sup>2</sup> ,  H  <sup>2</sup> 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<sup>2</sup> is available for this EUT.

## **MPE CALCULATION METHOD**

 $S = PG/(4\pi R2)$ 

where: S = power density (in appropriate units, e.g. mW/ cm2)

P = power input to the antenna (in appropriate units, e.g., mW)

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**

WIFI 2.4G (Worst case)						
Operating Mode	Output Power with tolerance		Antenna Gain		Power density	Limit
	(dBm)	(mW)	(dBi)	(num)	(mW/cm <sup>2</sup> )	
802.11b-ANT 1	17.0	50.12	1.79	1.51	0.015	1
802.11g-ANT 1	17.0	50.12	1.79	1.51	0.015	1
802.11n20-ANT 1	15.5	35.48	1.79	1.51	0.011	1
802.11n20-ANT 2	15.5	35.48	1.79	1.51	0.011	1
802.11n20- ANT1 + 2 (MIMO)	18.5	70.79	4.80	3.02	0.043	1
802.11n40-ANT 1	15.0	31.62	1.79	1.51	0.010	1
802.11n40-ANT 2	15.0	31.62	1.79	1.51	0.010	1
802.11n40- ANT1 + 2 (MIMO)	18.0	63.10	4.80	3.02	0.038	1

Note: the calculated distance is 20cm.

# **END OF REPORT**