FCC RF EXPOSURE REPORT

CERTIFICATION TEST REPORT

For

CONSUMER CAMERA

MODEL NUMBER: IPC-F42FP-D, IPC-F42FP-D-0280B-imou, IPC-F42FN-D-0280B-imou, IPC-F42FP-D-0360B-imou, IPC-F42FN-D-0360B-imou, IPC-F42FP-D-0600B-imou, IPC-F42FN-D-0600B-imou, IPC-F42FP-D-0280B, IPC-F42FN-D-0280B, IPC-F42FP-D-0360B, IPC-F42FN-D-0360B, IPC-F42FP-D-0600B, IPC-F42FN-D-0600B, IPC-F42FN-D, IPC-F42FP-D-imou, IPC-F42FN-D-imou

FCC ID: 2AVYF-IPC-F4XF-D

REPORT NUMBER: 4789973747-10

ISSUE DATE: June 11, 2021

Prepared for

Hangzhou Huacheng Network Technology Co.,Ltd.
No.2930, Nanhuan Road, Binjiang District, Hangzhou, China

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China

Tel: +86 769 22038881
Fax: +86 769 33244054
Website: www.ul.com

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	06/11/2021	Initial Issue	

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Hangzhou Huacheng Network Technology Co.,Ltd.
Address:	No.2930, Nanhuan Road, Binjiang District, Hangzhou, China

Manufacturer Information

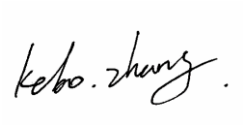
Company Name:	Hangzhou Huacheng Network Technology Co.,Ltd.
Address:	No.2930, Nanhuan Road, Binjiang District, Hangzhou, China

EUT Information

EUT Name:	CONSUMER CAMERA
Model Name:	IPC-F42FP-D
Series Model:	IPC-F42FP-D-0280B-imou, IPC-F42FN-D-0280B-imou, IPC-F42FP-D-0360B-imou, IPC-F42FN-D-0360B-imou, IPC-F42FP-D-0600B-imou, IPC-F42FN-D-0600B-imou, IPC-F42FP-D-0280B, IPC-F42FN-D-0280B, IPC-F42FP-D-0360B, IPC-F42FN-D-0360B, IPC-F42FP-D-0600B, IPC-F42FN-D-0600B, IPC-F42FP-D, IPC-F42FP-D-imou, IPC-F42FN-D-imou
Model difference:	The difference is only the name of the models.
Sample Received Date:	June 7, 2021
Sample Status:	Normal
Sample ID:	3967062
Date of Tested:	June 7, 2021~ June 10, 2021

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC 47CFR§2.1091	PASS

Prepared By:



Kebo Zhang
Project Engineer

Checked 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

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. **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 Declaration of Conformity (DoC) and Certification rules **ISED (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 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

WIFI 2.4G (Worst case)				
Operating Mode	Max. Tune up Power	Max. Directional Antenna Gain	Power density	Limit
	(dBm)	(dBi)	(mW/ cm^2)	
WIFI 2.4G	18	4.8	0.03791	1

Note:

1. The Power comes from report operation description.
2. The minimum separation distance of the device is greater than 20 cm.
3. Calculate by WORST-CASE mode.
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.

END OF REPORT