



FCC RF EXPOSURE REPORT

CERTIFICATION TEST REPORT

For

CONSUMER CAMERA

MODEL NUMBER: IPC-F42FEP-D, IPC-F42FEP-D-0280B-imou, IPC-F42FEN-D-0280B-imou, IPC-F42FEP-D-0360B-imou, IPC-F42FEN-D-0360B-imou, IPC-F42FEP-D-0600B-imou, IPC-F42FEN-D-0600B-imou, IPC-F42FEP-D-0280B, IPC-F42FEN-D-0360B, IPC-F42FEP-D-0600B, IPC-F42FEN-D-0600B, IPC-F42FEN-D-Imou, IPC-F42FEN-D-imou

FCC ID: 2AVYF-IPC-F4XFE-D

REPORT NUMBER: 4789973747-14

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Prepared for

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Prepared by

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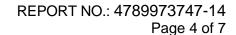
Revision History

Rev.	Issue Date	Revisions	Revised By
V0	06/12/2021	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-F42FEP-D

Series Model: IPC-F42FEP-D-0280B-imou, IPC-F42FEN-D-0280B-imou,

IPC-F42FEP-D-0360B-imou, IPC-F42FEN-D-0360B-imou, IPC-F42FEP-D-0600B-imou, IPC-F42FEN-D-0600B-imou,

IPC-F42FEP-D-0280B, IPC-F42FEN-D-0280B, IPC-F42FEP-D-0360B, IPC-F42FEN-D-0600B, IPC-F42FEN-D-0600B,

IPC-F42FEN-D, IPC-F42FEP-D-imou, IPC-F42FEN-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 12, 2021

APPLICABLE STANDARDS			
STANDARD	TEST RESULTS		
FCC 47CFR§2.1091	PASS		

Prepared By: Checked By:

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Shawn Wen

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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

	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)			
Accreditation	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.			
Certificate	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/cm²)	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/4πR²

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



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CALCULATED RESULTS

WIFI 2.4G (Worst case)					
Operating Mode	Max. Tune up Power Max. Directional Power		Power density	Limit	
Mode	(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