



FCC TEST REPORT

FCC ID: 2BUU3-HZJOYH250W

Product	:	Air Cooler
Model Name	:	JH-420W 120V 250W, JH-309W 120V 80W, JH-317W 120V 80W, JH-300W 120V 90W, JH-318W 120V 120W, JH-395W 120V 120W, JH-410W 120V 200W, SLACL25WHGY 120V 80W, SLACLWHD21 120V 90W, SLACLWHD35 120V 120W, SLACLWHD50 120V 120W, SLACLWHD65 120V 200W
Brand	:	N/A
Report No.	:	PTC25123002203E-FC03
Prepared for		
Cixi Jiahuan Electrical Appliance CO., LTD		
No.39Haitong Road Guan Hai Wei East Industry District,Cixi,Zhejiang		
Prepared by		
Precise Testing & Certification Co., Ltd.		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.		



Report No.: PTC25123002203E-FC03

TEST RESULT CERTIFICATION

Applicant's name : Cixi Jiahuan Electrical Appliance CO., LTD

Address : No.39Haitong Road Guan Hai Wei East Industry
District,Cixi,Zhejiang

Manufacture's name : Cixi Jiahuan Electrical Appliance CO., LTD

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District,Cixi,Zhejiang

Product name : Air Cooler

Model name : JH-420W 120V 250W, JH-309W 120V 80W, JH-317W 120V 80W,
JH-300W 120V 90W, JH-318W 120V 120W, JH-395W 120V
120W, JH-410W 120V 200W, SLACL25WHGY 120V 80W,
SLACLWHD21 120V 90W, SLACLWHD35 120V 120W,
SLACLWHD50 120V 120W, SLACLWHD65 120V 200W

Test procedure : FCC CFR47 Part 1.1307(b)(1)

Test Date : Feb. 05, 2026 to Mar. 31, 2026

Date of Issue : Mar. 31, 2026

Test Result : PASS

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

Jack Zhou / Engineer

Technical Manager:

Simon Pu / Manager



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Report No.: PTC25123002203E-FC03

2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	FCC CFR47 Part 1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	Air Cooler
Model Name	:	JH-420W 120V 250W
Additional model	:	JH-309W 120V 80W, JH-317W 120V 80W, JH-300W 120V 90W, JH-318W 120V 120W, JH-395W 120V 120W, JH-410W 120V 200W, SLACL25WHGY 120V 80W, SLACLWHD21 120V 90W, SLACLWHD35 120V 120W, SLACLWHD50 120V 120W, SLACLWHD65 120V 200W
Specification	:	802.11b/g/n HT20 BLE
Operation Frequency	:	2412-2462MHz for 802.11b/g/ n(HT20) 2402-2480MHz for BLE
Number of Channel	:	11 channels for 802.11b/g/ n(HT20) 40 channels For DTS
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n; GFSK, For DTS
Antenna installation	:	PCB Antenna
Antenna Gain	:	2.54 dBi
Power supply	:	AC 120V/60Hz 800W
Hardware Version	:	N/A
Software Version	:	N/A



4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v06

4.1 Requirements

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

4.2 The procedures / limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density



4.3 MPE Calculation Method

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } P_d \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$P_d = \frac{30 \times P \times G}{377 \times d^2}$$

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

4.4 Test Result

Item	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Power Density (mW/cm ²)	Limit of Power Density (mW/cm ²)	Result
2440_BLE_1M	1.79	4.75	4.75±1	3.758374	0.001342	1	Pass
2462_11B	1.79	14.06	14.06±1	32.062700	0.011448	1	Pass

Note: BT and WLAN can't Simultaneous transmission.

*******THE END REPORT*******