



FCC TEST REPORT

FCC ID: 2BP56-A9

Product	:	Wireless camera
Model Name	:	A9
Additional Model	:	A16, A18, A22, A23, A24, X9, W10, M5
Brand	:	N/A
Report No.	:	PTC26040701901E-FC03
Prepared for		
Dongguan Three Fireflies Trading Co., Ltd.		
Room 1002, Bldg. 18, No. 3 Yongtai Road, Tangxia Town,Dongguan, Guangdong, China		
Prepared by		
Precise Testing & Certification Co., Ltd.		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.		



TEST RESULT CERTIFICATION

Applicant's name : Dongguan Three Fireflies Trading Co., Ltd.
Address : Room 1002, Bldg. 18, No. 3 Yongtai Road, Tangxia
Town,Dongguan, Guangdong, China
Manufacture's name : Dongguan Three Fireflies Trading Co., Ltd.
Address : Room 1002, Bldg. 18, No. 3 Yongtai Road, Tangxia
Town,Dongguan, Guangdong, China
Product name : Wireless camera
Model name : A9
Additional Model : A16, A18, A22, A23, A24, X9, W10, M5
Test procedure : FCC CFR47 Part 1.1307(b)(1)
Test Date : Apr. 07, 2026 to May. 09, 2026
Date of Issue : May. 09, 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.

This report shall not be reproduced except in full, without the written approval of PTC, this document may be altered or revised by PTC, personal only, and shall be noted in the revision of the document.

Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



Contents

	Page
2 TEST SUMMARY	4
3 GENERAL INFORMATION	5
3.1 GENERAL DESCRIPTION OF E.U.T.....	5
4 RF EXPOSURE.....	6
4.1 REQUIREMENTS	6
4.2 THE PROCEDURES / LIMIT.....	6
4.3 MPE CALCULATION METHOD.....	7
4.4 TEST RESULT.....	7



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	:	Wireless camera
Model Name	:	A9
Additional Model	:	A16, A18, A22, A23, A24, X9, W10, M5
Specification	:	802.11b/g/n HT20 BLE
Operation Frequency	:	2412-2462MHz for 802.11b/g/ n(HT20/HT40) 2402-2480MHz
Number of Channel	:	11 channels for 802.11b/g/ n(HT20/HT40) 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	:	0 dBi
Power supply	:	Input: DC 5V=1A Battery: 3.7V,200mAh
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

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

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

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

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
BLE_1M_2480	1.00	2.88	2.88±1	2.443431	0.000486	1	Pass
11N20SISO_2462	1.00	17.35	17.35±1	68.391200	0.013606	1	Pass

Note: BT and WLAN can't Summations transmit.

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