



Report No.: 86260324030

Date: April 16, 2026

Page 1 of 5

RF TEST REPORT

Applicant : OXAA Corp.

Address: 6-3545 Odyssey Dr, Mississauga, Ontario L5M 2S4, Canada

Manufacturer: Foshan Leilong Electric Appliance Co., Ltd

Address: 3/F, Building C, No. 8 Real Estate Road, Beijiao Town, Shunde District, Foshan ,China

EUT Name: Automatic cat litter Box

Trade mark: /

Model: OXPSC2011

FCC ID: 2BNYA-OXPSC2011

Rating: DC 12V/1.5A

Sample Received Date: Mar. 24, 2026

Test Date: Mar. 24, 2026~Mar. 31, 2026

Applicable Standards: CFR 47, FCC Part 2.1091

Test Result Pass

Prepared by:

Evan Fang

Evan Fang/Project Engineer

Approved by:

Bruce Zhang

Bruce Zhang/Technical Manager

HD Testing Technology (GuangDong) Co., Ltd.

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Revision History

Version	Date of Issue	Description
V00	April 16, 2026	Original Version

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1. EUT DESCRIPTION

Product:	Automatic cat litter Box
Test Model:	OXPSC2011
Additional Model:	N/A
Rating:	AC 120V/60Hz
FCC ID:	2BNYA-OXPSC2011
Antenna Type:	PCB Antenna
Antenna Gain:	2.54dBi
Operation Frequency:	2412-2462MHz
Number of Channels:	11
Modulation Type:	DSSS,OFDM
Hardware Version:	N/A
Software Version:	N/A
Note: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2) Antenna gain was provided by the applicant/ manufacturer, and the applicant/ manufacturer is responsible for its validity. 3) The test results in the report only apply to the tested sample. 4) The Antenna Gain is provided by the client and the client is responsible for the validity. HDT assumes no liability in this regard.	

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2. RF EXPOSURE EVALUATION

2.1. Requirement

According to ANSI/IEEE C95.1-1992, the criteria listed in Table as below shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in 1.1310.

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	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				
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

2.2. Calculation method

The following formula was used to calculate the Power Density:

$$S = \frac{PG}{4\pi R^2}$$

Where:

S: Power density(mW/cm²)

P: power input to antenna (Watt)

G: is the antenna gain relative to an isotropic antenna;

R: is the distance from observation point to the antenna

Note:

1) P (Watts)=(10 ^ (dBm /10))/1000

2) G (Antenna gain in numeric) = 10^ (Antenna gain in dBi /10)

3) π=3.142

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2.3. Tune-up Result

Test mode	Maximum Conducted Output Power(dBm)	Tune-up Power(dBm)
2.4G WIFI	10.13	10±1

2.4. Evaluation Result

Mode	Maximum Tune up Power (dBm)	Antenna Gain (dBi)	Antenna Gain (linear)	Maximum E.I.R.P. (mW)	Power density (mW/cm ²)	Power density Limit (mW/cm ²)	Result
2.4G WIFI	11	2.54	1.79	12.5893	0.0045	1	PASS

2.5. Conclusion

According to 47 CFR 2.1091, the RF exposure analysis concludes that the RF Exposure is FCC compliant.

End of Report

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