

TEST REPORT

Reference No...... : WTD26D01029212W002
FCC ID : KE3-PIF150-2
Applicant..... : Radio Systems Corp
Address..... : 10427 PetSafe Way, Knoxville, TN 37932 USA
Manufacturer : Radio Systems Corp
Address..... : 10427 PetSafe Way, Knoxville, TN 37932 USA
Product..... : Stay & Play Wireless Fence
Model(s) : RFA-554B, PIF-150, PIF00-15001
Standards..... : FCC 47CFR Part 1.1307
Date of Receipt Sample : 2026-03-23
Date of Test : 2026-03-26 to 2026-04-09
Date of Issue..... : 2026-06-10
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By:

Waltek Testing Group Co., Ltd.

Address: No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China

Tel: +86-769-2267 6998

Fax: +86-769-2267 6828

Compiled by:

Frank Yin

Frank Yin / Project Engineer

Approved by:



Deval Qin / Designated Reviewer

2 Contents

	Page
1 COVER PAGE	1
2 CONTENTS	2
3 REVISION HISTORY	3
4 GENERAL INFORMATION	4
4.1 GENERAL DESCRIPTION OF E.U.T	4
4.2 DETAILS OF ACCESSORIES	4
4.3 TEST FACILITY	5
4.4 SUBCONTRACTED	5
4.5 ABNORMALITIES FROM STANDARD CONDITIONS	5
4.6 TEST MODE	6
5 TEST SUMMARY	7
6 EQUIPMENT USED DURING TEST	8
6.1 EQUIPMENTS LIST	8
6.2 DESCRIPTION OF AUXILIARY EQUIPMENT	8
6.3 TEST EQUIPMENT CALIBRATION	8
7 RF EXPOSURE	9
7.1 EUT OPERATION	9
7.2 TEST SETUP	9
7.3 FCC RULES	10
7.4 TEST RESULT	11
8 PHOTOGRAPHS OF TEST SETUP	12

3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD26D01029212W002	2026-03-23	2026-03-26 to 2026-04-09	2026-06-10	Original	-	Valid

4 General Information

4.1 General Description of E.U.T

Product:	Stay & Play Wireless Fence
Model(s):	RFA-554B, PIF-150, PIF00-15001
Model Description:	Only the model names are different. Model RFA-554B was tested in the report.
Test Sample No.:	1-1/1
Type of Modulation:	Phase
Frequency Range:	18.72 kHz
Antenna installation:	loop coil Antenna
Hardware Version:	100-1456 Rev #002
Software Version:	Ver 5.0

4.2 Details of accessories

Ratings:	DC 19V from AC Adapter
AC Adapter:	Model: NF19V-1.26C-DC Input: 100-240V~, 50/60Hz 0.8A Output: DC 19.0V, 1.26A 24.0W

4.3 Test Facility

The test facility has a test site registered with the following organizations:

ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files.

Registration number 7760A, October 15, 2016.

FCC Designation No.: CN1201. Test Firm Registration No.: 523476.

Waltek Testing Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration number 523476, September 10, 2019.

4.4 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test Lab: N/A

Lab address: N/A

Test items: N/A

4.5 Abnormalities from Standard Conditions

None.

4.6 Test Mode

Test Mode	Descriptions
Tx mode	Keep EUT continuously transmitting

Note: EUT was investigated with client device under normal charging or standby condition as above then worst value was only report.

5 Test Summary

Test Items	Test Requirement	Result
Electric Field Strength (E) (V/m)	FCC CFR 47 part1§1.1310 KDB 680106 D01 v04	PASS
Magnetic Field Strength (H) (A/m)		PASS

6 Equipment Used during Test

6.1 Equipments List

RF EXPOSURE						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1	Electric and Magnetic Field Analyzer	NARDA	EHP-200AC	A162	2026-03-07	2027-03-06

6.2 Description of Auxiliary Equipment

Equipment	Manufacturer	Model No.	Series No.
/	/	/	/

6.3 Test Equipment Calibration

All the test equipments used are valid and calibrated by CEPREI Certification Body that address is No.110 Dongguan Zhuang RD. Guangzhou, P.R. China.

7 RF Exposure

7.1 EUT Operation

Operating Environment:

Temperature: 25.0°C

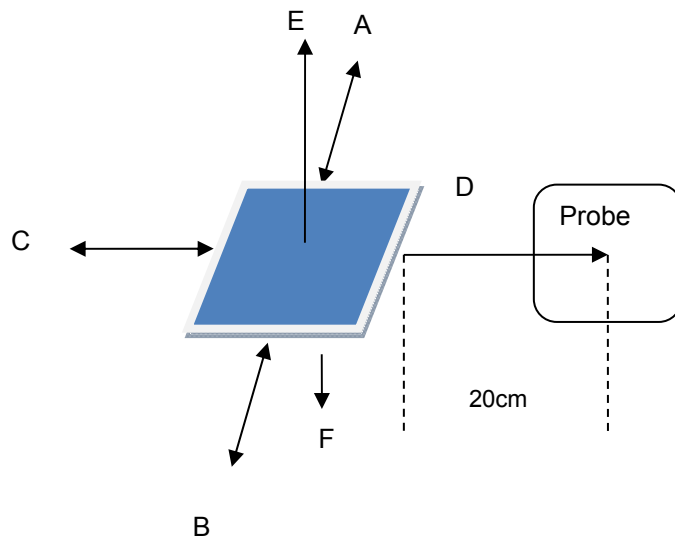
Humidity: 52.7 % RH

Atmospheric Pressure: 101.0kPa

EUT Operation: Refer to section 4.6.

Only the worst-case transmitting mode was record in the report.

7.2 Test Setup



The RF exposure test was performed in anechoic chamber.

The probe was placed at test distance (20cm) which is between the edge of the charger and the geometric centre of probe.

The EUT was put in different directions (Left, Right, Front, Rear, and Top, Bottom) to obtain the maximum reading.

The EUT was measured according to the dictates of KDB 680106 D01 v04.

7.3 FCC Rules

Table 1 to § 1.1310(e)(1)—Limits for Maximum Permissible Exposure (MPE)				
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
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
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) 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
300-1,500			f/1500	<30
1,500-100,000			1.0	<30
f = frequency in MHz. * = Plane-wave equivalent power density.				

Note: According to KDB 680106 D01 v04 clause 3.2,

For § 2.1093-*Portable* devices below 4 MHz and down to 100 kHz, the MPE limits in § 1.1310 (with the 300 kHz limit applicable all the way down to 100 kHz) can be used for the purpose of equipment authorization in lieu of SAR evaluations.

Furthermore, consistent with FCC's equipment authorization RF exposure guidance, any device (both portable and mobile) operating at frequencies below 100 kHz is considered compliant for the purpose of equipment authorization when the external (unperturbed) temporal peak field strengths do not exceed the following reference levels:

83 V/m for the electric field strength (E)

and

90 A/m for the magnetic field strength (H).

7.4 Test Result

H-Filed Strength (A/m)

Frequency Range kHz	Test Position					Limit (A/m)
	A	B	C	D	E	
0.01872	1.03	0.94	0.89	0.96	1.04	5

E-Filed Strength (V/m)

Frequency Range kHz	Test Position (V/m)					Limit (V/m)
	A	B	C	D	E	
0.01872	33.29	31.84	34.96	36.28	35.39	87

Conclusion:

RF Exposure is FCC compliant.

8 Photographs of test setup

Note: Please refer to appendix: Appendix-RFA-554B-Photos.

=====**End of Report**=====