TEST REPORT

Report No.:	8330EU122210W2
Applicant:	FUTURA GEAR INC.
Address:	5 Fonthill Blvd, Markham, CA
Product Name:	SnapPower Magnetic Wireless Charger
Model No.:	FTNTWC01
Trademark:	Footnote Accessories Co.
FCC ID:	2BHMT-WC01
Test Standard(s):	47 CFR Part 1 Subpart I Section 1.1310 47 CFR Part 2, Subpart J, Section 2.1091
Test Result:	Pass
Date of Receipt:	May 22, 2025
Test Date:	May 22, 2025 – Jun. 12, 2025
Date of Issue:	Jul. 02, 2025

ISSUED BY:

SHENZHEN EU TESTING LABORATORY LIMITED

SHENZHEN EU TESTING LABORATORY LIMITED APPROVED

Prepared by:	**Reviewed and Approved by:**
Mikey Zhu/ Engineer	Sally Zhang/ Manager

Revision Record

Report Version	Issued Date	Description	Status
V0	Jul. 02, 2025	Original	Valid

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2 General Information

2.1 Applicant Information

Applicant	FUTURA GEAR INC.
Address	5 Fonthill Blvd, Markham, CA

2.2 Manufacturer Information

Manufacturer	Shenzhen Taineng Technology Co., Ltd
Address	2F, No. 126, Mudun Old Village, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong Sheng, China 518106

2.3 Factory Information

Factory	Shenzhen Taineng Technology Co., Ltd
Address	2F, No. 126, Mudun Old Village, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong Sheng, China 518106

2.4 General Description of E.U.T.

Product Name	SnapPower Magnetic Wireless Charger
Model No. Under Test	FTNTWC01
List Model No.	N/A
Description of Model differentiation	N/A
Rating(s)	Input: 5V⎓3A, 9V⎓2A Wireless Charging Output: 15W(MAX)
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Test Sample No.	-1/2(Normal Sample), -2/2(Engineering Sample)
Hardware Version	N/A
Software Version	N/A
Remark	For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.5 Technical Information of E.U.T.

Network and Wireless Connectivity	Wireless Power Transfer (WPT)

The requirement for the following technical information of the EUT was tested in this report:

Technology	**WPT**
Operating Frequency	115-205KHz
Modulation Type	FSK
Antenna Type	Inductive Loop Coil Antenna
Antenna Gain(Peak)	0 dBi
Remark	The above information are declared by the applicant, EU-LAB is not responsible for the information accuracy provided by the applicant.

3 Test Summary

3.1 Test Standard

The tests were performed according to following standards:

No.	Identity	Document Title
1	47 CFR Part 1 Subpart I Section 1.1310	Radio frequency radiation exposure limits.
2	47 CFR Part 2, Subpart J, Section 2.1091	Radiofrequency radiation exposure evaluation: mobile devices
3	KDB 680106 D01v04	RF exposure consideration for low power consumer wireless power transfer applications.

Remark:
Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission/immunity should be checked to ensure compliance has been maintained.

3.2 Test Verdict

No.	Description	FCC Part No.	Verdict	Remark
1	RF Exposure Evaluation	FCC 1.1310 FCC 2.1091 KDB 680106 D01 Wireless Power Transfer v04	Pass	--

3.3 Test Laboratory

Test Laboratory	Shenzhen EU Testing Laboratory Limited
Address	101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China
Designation Number	CN1368
Test Firm Registration Number	952583

4 Test Configuration

4.1 Test Environment

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	30% to 60%	
Atmospheric Pressure	86 kPa to 106 kPa	
Temperature	NT (Normal Temperature)	+15℃ to +35℃
Working Voltage of the EUT	NV (Normal Voltage)	120 VAC, 60Hz

4.2 Test Equipment

Equipment	Manufacturer	Model No	Serial No	Cal Date	Cal Due Date
Electric and Magnetic Field Probe - Analyzer	Narda	EHP-200A	EE-405	2025/02/14	2026/02/13

4.3 Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned bellow was evaluated respectively.

No.	Description	Remark
TM1	Adapter + Wireless Output (2.5W)	
TM2	Adapter + Wireless Output (5W)	
TM3	Adapter + Wireless Output (7.5W)	
TM4	Adapter + Wireless Output (10W)	
TM5	Adapter + Wireless Output (15W)	
TM6	Standby	
Note: 1. EUT supports empty load, half load, full load working at the same time, so the all conditions have been tested. It is found that TM5 full load is the worst mode, and the data in the report only reflects the worst mode.		

4.4 Measurement Uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test Item	Measurement Uncertainty
Magnetic field measurements(3kHz~10MHz)	±14.6%
Electric field measurements(3kHz~10MHz)	±17.3%

5 Test Methodology

5.1 Reference Evaluation Method

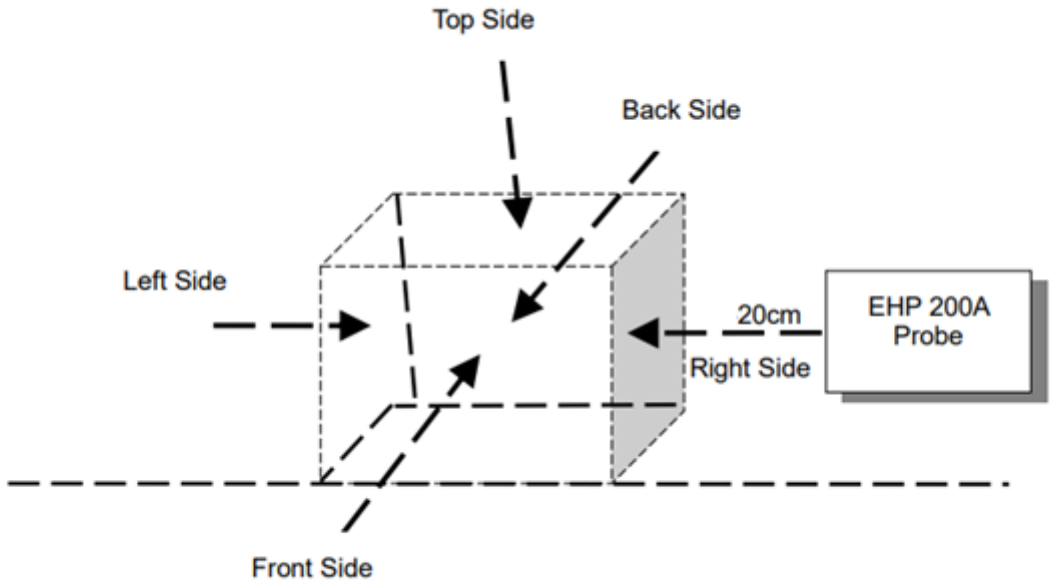
§1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of FCC part 2.1093 of this chapter.

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)
(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

F=frequency in MHz
*=Plane-wave equivalent power density
RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

5.2 Test Setup



Note: Measurements should be made from all sides and the top of the primary/client pair, with the 20cm measured from the center of the probe(s) to the edge of the device.

1) The RF exposure test was performed in anechoic chamber.
2) The measurement probe was placed at test distance (20cm) which is between the edge of the charger and the geometric center of probe.
3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E, F) were completed.
4) The EUT was measured according to the dictates of KDB 680106 D01 v04.

5.3 Evaluation Result

Test Condition: Test Mode 5 operating with client device (1% battery status of client device)

Test Position	E-field (V/m)			H-field (A/m)		
	Measurement	Limit	50% Limit (V/m)	Measurement	Limit	50% Limit (A/m)
Top	4.5191	614	307	0.2048	1.63	0.815
Bottom	3.4121			0.1592		
Front	1.6477			0.0280		
Rear	2.8938			0.2376		
Left	2.8723			0.0808		
Right	4.0735			0.0096		

Test Condition: Test Mode 5 operating with client device (50% battery status of client device)

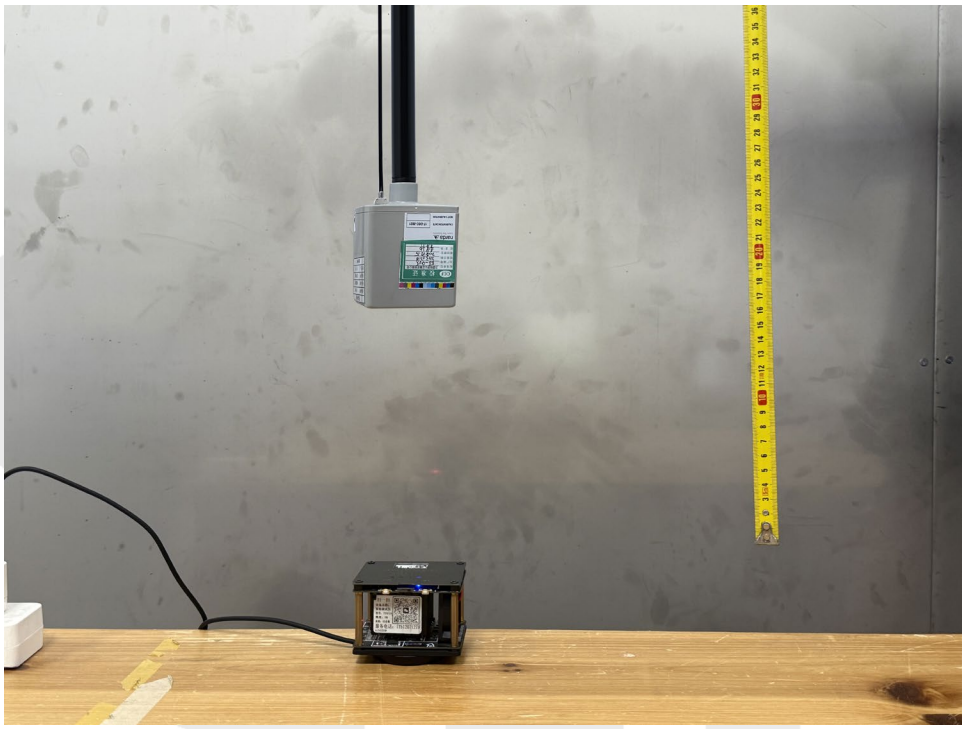
Test Position	E-field (V/m)			H-field (A/m)		
	Measurement	Limit	50% Limit (V/m)	Measurement	Limit	50% Limit (A/m)
Top	4.9015	614	307	0.1688	1.63	0.815
Bottom	4.0079			0.0480		
Front	2.5271			0.0832		
Rear	2.5133			0.1384		
Left	2.2647			0.1832		
Right	3.1294			0.2216		

Test Condition: Test Mode 5 operating with client device (99% battery status of client device)

Test Position	E-field (V/m)			H-field (A/m)		
	Measurement	Limit	50% Limit (V/m)	Measurement	Limit	50% Limit (A/m)
Top	4.5907	614	307	0.2896	1.63	0.815
Bottom	4.1045			0.2328		
Front	3.1358			0.1200		
Rear	3.3764			0.0568		
Left	2.7986			0.0936		
Right	4.9462			0.2808		

Note 1: E-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT.
Note 2: H-Field Strength at 20 cm surrounding the EUT and 20cm above the top surface of the EUT.

ANNEX A TEST SETUP PHOTOS

PHOTO 1 Test Position: Top	

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--- End of Report ---

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