

Human Exposure Report

Application No.: KSCR2511002507AT
FCC ID: 2BA76WG12MNT019
Applicant: MotoMotion China Corporation
Address of Applicant: No. 61 Xinggang Road, Zhonglou Economic Development Zone, Changzhou, Jiangsu, P.R. China
Manufacturer: MotoMotion China Corporation
Address of Manufacturer: No. 61 Xinggang Road, Zhonglou Economic Development Zone, Changzhou, Jiangsu, P.R. China
Equipment Under Test (EUT):
EUT Name: wireless charger
Model No.: WG12
47 CFR PART 1, Subpart I, Section 1.1310
Standards: FCC Rules 47 CFR §2.1093
KDB 680106 D01 Wireless Power Transfer v04
Date of Receipt: 2025-11-14
Date of Test: 2026-01-08 to 2026-01-29
Date of Issue: 2026-01-29

Test Result :	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Revision Record			
Version	Description	Date	Remark
00	Original	2026-01-29	/

Authorized for issue by:				
Tested By		Damon Zhou		
		Damon_Zhou/Project Engineer		
Approved By		Terry Hou		
		Terry Hou /Reviewer		

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3 General Information

3.1 Details of E.U.T.

Power supply:	DC 15V
Wired Output:	Wireless charging (Single): 5W, 7.5W, 15W, 25W 25W only for 360kHz
Antenna Type:	Loop Antenna
Modulation Type:	Load Modulation
Operation Frequency:	110kHz to 220kHz, 360kHz

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Load	/	/	/
Mobilephone	Apple	/	/

3.3 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g. max. clock frequency, highest internal frequency, antenna gain, cable loss, etc) is provided by the applicant. (if applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (if applicable).
3. Sample source: sent by customer.

3.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 2541.01)**

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1172)**

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0072)**

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 2324E

- **VCCI (Member No:1938)**

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

3.5 Deviation from Standards

None

3.6 Abnormalities from Standard Conditions

None

4 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal date	Cal. Due date
1	Semi/Fully Anechoic	ST	11*6*6M	SHEM078-2	2024-05-25	2027-05-24
2	Electromagnetic Field Probe	Narda	EHP-200AC	SHEM0907	2025-04-10	2026-04-09

5 Test Results

5.1 RF Exposure test

Test Requirement: 47 CFR PART 1, Subpart I, Section 1.1310

Measurement Distance: 7.3cm for side 1& side 2, 13.2cm for side 3, 8.4cm for side 4 of the device and 0cm for above the top surface.

Limit:

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 E.U.T. Operation

5.2.1 Operating Environment

Temperature: 25.1 °C

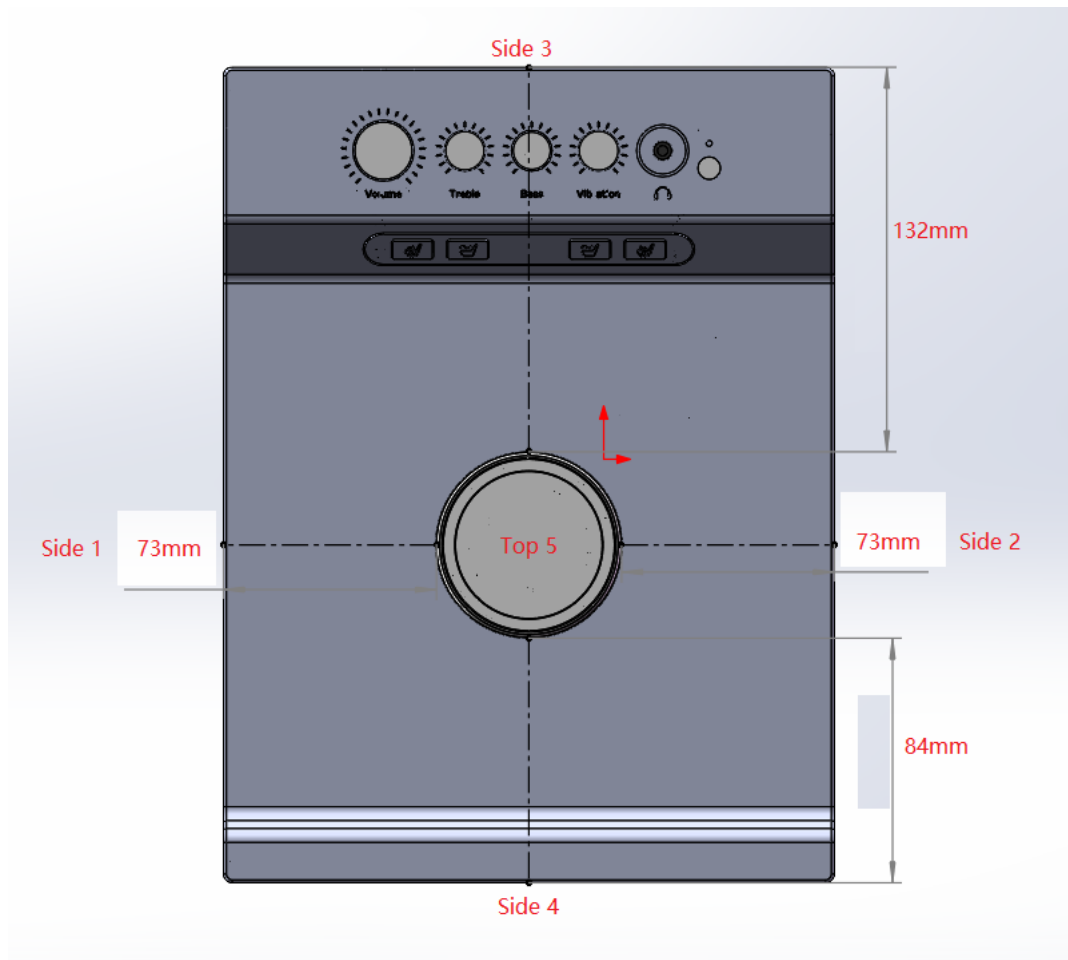
Humidity: 49.2 % RH

Atmospheric Pressure: 1010 mbar

5.2.2 EUT Operation:

5.2.3 Simulation Load Mode

	00: Charge mode_Keep the EUT charging (25W)
	01: Charge mode_Keep the EUT charging (15W)
Test mode	02: Charge mode_Keep the EUT charging (7.5W)
	03: Charge mode_Keep the EUT charging (5W)
	04: Charge mode_Keep the EUT charging (0W)



Load:
Electric Field

Test Position		Test Distance (cm)	Test Data (V/m)					Limit (V/m)	Result
			Wireless output 0W	Wireless output 5W	Wireless output 7.5W	Wireless output 15W	Wireless output 25W		
Side	1	7.3	95	102	103	104	108	614	Pass
	2	7.3	86	96	98	102	115		Pass
	3	13.2	75	69	72	77	82		Pass
	4	8.4	80	82	85	85	93		Pass
Top	5	0	224	231	235	248	252		Pass

Magnetic Field

Test Position		Test Distance (cm)	Test Data (A/m)					Limit (A/m)	Result
			Wireless output 0W	Wireless output 5W	Wireless output 7.5W	Wireless output 15W	Wireless output 25W		
Side	1	7.3	0.54	0.51	0.51	0.55	0.56	1.63	Pass
	2	7.3	0.55	0.48	0.49	0.54	0.52		Pass
	3	13.2	0.45	0.39	0.38	0.43	0.41		Pass
	4	8.4	0.46	0.45	0.44	0.47	0.48		Pass
Top	5	0	0.81	0.82	0.84	0.92	0.89		Pass

Mobile Phone:
Electric Field Emissions

Test Position		Test Distance (cm)	Test Data (V/m)			Limit (V/m)	Result
			85% of battery capacity	50% of battery capacity	15% of battery capacity		
Side	1	7.3	102	103	105	614	Pass
	2	7.3	105	107	112		Pass
	3	13.2	81	83	87		Pass
	4	8.4	92	93	96		Pass
Top	5	0	244	250	254		Pass

Magnetic Field Emissions

Test Position		Test Distance (cm)	Test Data (A/m)			Limit (A/m)	Result
			85% of battery capacity	50% of battery capacity	15% of battery capacity		
Side	1	7.3	0.48	0.52	0.51	1.63	Pass
	2	7.3	0.41	0.44	0.46		Pass
	3	13.2	0.32	0.35	0.36		Pass
	4	8.4	0.35	0.37	0.38		Pass
Top	5	0	0.72	0.75	0.77		Pass

6 Test Photo



- End of the Report -