

Human Exposure Report

Application No.:	KSCR2506001288AT
FCC ID:	2BA76WG11MNT018
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.:	WG11-6
Standards:	47 CFR PART 1, Subpart I, Section 1.1310 KDB 680106 D01 Wireless Power Transfer v04
Date of Receipt:	2025-06-17
Date of Test:	2025-07-17 to 2025-07-19
Date of Issue:	2025-07-28
Test Result :	Pass*

* 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	2025-07-28	/

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 29V
Wired Output:	Wireless charging (Single):15W Wireless charging (Dual):15W*2
Antenna Type:	Loop Antenna
Modulation Type:	Load Modulation
Operation Frequency:	110kHz to 200kHz

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**

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

- **FCC**

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

- **ISED**

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**

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



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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: 10 cm for surrounding the device and 10 cm 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

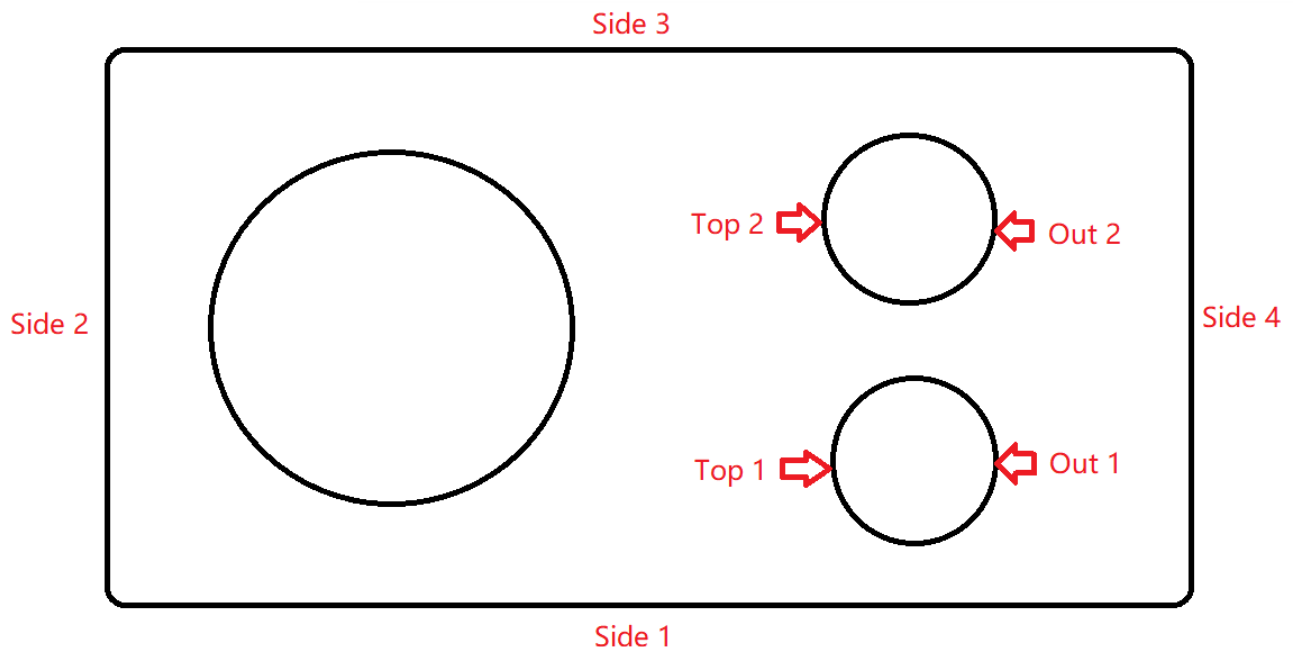
Atmospheric Pressure: 1010 mbar

5.2.2 EUT Operation:

5.2.3 Simulation Load Mode

Test mode

- 00: Wireless Output The load set at full load (Output1:15W + Output2:15W).
- 01: Wireless Output The load set at half load (Output1:0W + Output2:15W).
- 02: Wireless Output The load set at half load (Output1:5W + Output2:10W).
- 03: Wireless Output The load set at half load (Output1:7.5W + Output2:7.5W).
- 04: Wireless Output The load set at half load (Output1:10W + Output2:5W).
- 05: Wireless Output The load set at half load (Output1:15W + Output2:0W).
- 06: Wireless Output The load set at half load (Output1:0W + Output2:0W).
- 07: Wireless Output(The mobile phone shall be set at 85% charge state on out 1)
- 08: Wireless Output(The mobile phone shall be set at 50% charge state on out 1)
- 09: Wireless Output(The mobile phone shall be set at 15% charge state on out 1)
- 10: Wireless Output(The mobile phone shall be set at 85% charge state on out 2)
- 11: Wireless Output(The mobile phone shall be set at 50% charge state on out 2)
- 12: Wireless Output(The mobile phone shall be set at 15% charge state on out 2)
- 13: Wireless Output(The mobile phone shall be set at 85% charge state on out 1 and out 2)
- 14: Wireless Output(The mobile phone shall be set at 50% charge state on out 1 and out 2)
- 15: Wireless Output(The mobile phone shall be set at 15% charge state on out 1 and out 2)



Load:
Electric Field

Test Distance (cm)	Test Position		Test Data (V/m)							Limit (V/m)	Result
			Full Load	Half Load					Empty Load		
				M00	M01	M02	M03	M04			
10	Side	1	4.12	3.05	3.41	3.43	3.43	3.43	3.01	614 50% Limit	Pass
		2	2.73	1.48	1.68	1.82	1.82	1.78	1.33		Pass
		3	4.21	2.50	2.33	2.32	2.32	2.51	2.10		Pass
		4	3.56	2.63	2.17	2.35	2.35	2.36	2.15		Pass
	Top	1	6.34	6.06	5.94	5.91	5.91	6.19	5.87		Pass
		2	6.49	6.27	6.12	6.24	6.24	6.04	5.92		Pass
	Back	1	2.18	2.76	2.86	2.58	2.58	2.68	2.43		Pass
		2	2.44	2.84	2.57	2.91	2.91	2.86	2.46		Pass

Magnetic Field

Test Distance (cm)	Test Position		Test Data (A/m)							Limit (A/m)	Result
			Full Load	Half Load					Empty Load		
				M00	M01	M02	M03	M04			
10	Side	1	0.48	0.49	0.50	0.42	0.42	0.45	0.42	1.63 50% Limit	Pass
		2	0.22	0.26	0.20	0.22	0.21	0.23	0.19		Pass
		3	0.44	0.44	0.48	0.44	0.44	0.42	0.48		Pass
		4	0.38	0.30	0.37	0.34	0.34	0.35	0.35		Pass
	Top	1	0.76	0.69	0.71	0.64	0.72	0.75	0.72		Pass
		2	0.72	0.65	0.62	0.67	0.65	0.69	0.68		Pass
	Back	1	0.33	0.39	0.37	0.23	0.32	0.39	0.55		Pass
		2	0.30	0.34	0.27	0.26	0.26	0.38	0.35		Pass

Note: M00,M01 as etc stand for test mode.

Mobile Phone:
Electric Field Emissions

Test Distance (cm)	Test Position		Test Data (V/m)						Limit (V/m)	Result
			85%		50%		15%			
			M07	M10	M08	M11	M09	M12		
10	Side	1	3.84	3.01	3.26	3.26	3.25	3.84	614 50% Limit	Pass
		2	2.58	1.57	1.44	1.44	1.57	2.58		Pass
		3	3.78	2.46	2.06	2.06	2.16	3.78		Pass
		4	3.23	2.39	2.31	2.31	2.60	3.23		Pass
	Top	1	6.32	/	5.96	/	6.00	/		Pass
		2	/	6.18	/	6.18	/	5.67		Pass
	Back	1	2.31	/	2.43	/	2.53	/		Pass
		2	/	2.70	/	2.37	/	2.37		Pass

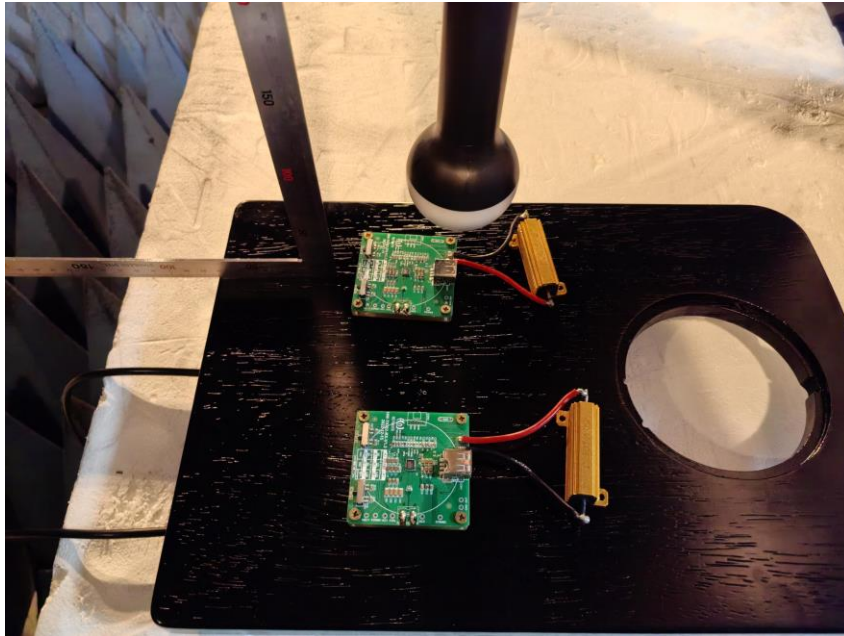
Test Distance (cm)	Test Position		Test Data (V/m)						Limit (V/m)	Result
			85%		50%		15%			
			M13		M14		M15			
			Out 1	Out 2	Out 1	Out 2	Out 1	Out 2		
10	Side	1	2.91	2.97	3.07	3.15	2.92	3.01	614 50% Limit	Pass
		2	1.66	1.75	1.36	1.42	1.47	1.57		Pass
		3	2.21	2.25	2.30	2.32	2.42	2.46		Pass
		4	2.45	2.54	2.22	2.23	2.31	2.39		Pass
	Top	1	5.84	5.88	6.13	6.19	5.43	5.46		Pass
		2	6.11	6.16	6.06	6.14	5.59	5.68		Pass
	Back	1	2.46	2.53	2.64	2.74	2.70	2.72		Pass
		2	2.27	2.36	2.55	2.63	2.65	2.70		Pass

Test Distance (cm)	Test Position		Test Data (A/m)						Limit (A/m)	Result
			85%		50%		15%			
			M07	M10	M08	M11	M09	M12		
10	Side	1	0.39	0.45	0.34	0.42	0.42	0.39	1.63 50% Limit	Pass
		2	0.20	0.21	0.15	0.14	0.19	0.20		Pass
		3	0.39	0.36	0.43	0.40	0.38	0.39		Pass
		4	0.35	0.26	0.29	0.30	0.29	0.35		Pass
	Top	1	0.70	/	0.56	/	0.67	/		Pass
		2	/	0.62	/	0.61	/	0.69		Pass
	Back	1	0.46	/	0.44	/	0.41	/		Pass
		2	/	0.28	/	0.25	/	0.26		Pass

Test Distance (cm)	Test Position		Test Data (A/m)						Limit (A/m)	Result
			85%		50%		15%			
			M13		M14		M15			
			Out 1	Out 2	Out 1	Out 2	Out 1	Out 2		
10	Side	1	0.44	0.46	0.34	0.41	0.37	0.45	1.63 50% Limit	Pass
		2	0.17	0.19	0.08	0.15	0.12	0.21		Pass
		3	0.39	0.46	0.35	0.40	0.35	0.36		Pass
		4	0.29	0.37	0.21	0.30	0.24	0.26		Pass
	Top	1	0.58	0.65	0.65	0.75	0.56	0.66		Pass
		2	0.49	0.53	0.60	0.63	0.56	0.62		Pass
	Back	1	0.29	0.34	0.37	0.38	0.20	0.29		Pass
		2	0.18	0.26	0.24	0.31	0.26	0.28		Pass

Note: M07,M08 as etc stand for test mode.

6 Test Photo



- End of the Report -