FCC REPORT

Applicant	:	XIAMEN COMFORT SCIENCE & TECHNOLOGY GROUP CO.,LTD.
Address of Applicant	:	（5/F）NO.168, QIANPU ROAD,SIMING DISTRICT,XIAMEN,Fujian CHINA
Manufacturer	:	XIAMEN HEALTHCARE ELECTRONIC CO.,LTD.
Address of Manufacturer	:	65-66#, 62-63# BUILDING, SIMING ZONE, TONGAN INDUSTRIAL DISTRICT, XIAMEN CITY, FUJIAN PROVINCE, P.R.CHINA
Equipment under Test	:	Massage Chair
Model No.	:	EC-638J, CZ-810, Quantum Regen
FCC ID	:	YMX-EC638J
Test Standard(s)	:	FCC CFR Title 47 Part 15 Subpart C FCC KDB 680106 D01 Wireless Transfer v04
Report No.	:	A2609044-C01-R01
Issue Date	:	2026/09/10
Issued By	:	Shenzhen Alpha Product Testing Co., Ltd. Building i, No.2, Lixin Road, Fuyong Street, Bao'an District,518103, Shenzhen City, Guangdong Province, P.R. China.

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E-mail: service@a-lab.cn Tel: 4008-3008-95 Website: http://www.a-lab.cn

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Test Report Declare

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Equipment under Test	:	Massage Chair
Model No.	:	EC-638J, CZ-810, Quantum Regen
Trademark	:	/

Test Standard Used:

FCC CFR Title 47 Part 15 Subpart C
FCC KDB 680106 D01 Wireless Transfer v04

We Declare:

The equipment described above is tested by Shenzhen Alpha Product Testing Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	A2609044-C01-R01		
Date of Receipt:	2026/09/08	**Date of Test:**	2026/09/08 - 2026/09/08

Prepared By:	**Approved By:**
Yannis Wen	Alan Fan
Yannis Wen/Engineer	**Alan Fan/EMC Manager**

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen Alpha Product Testing Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
V0	Initial issue	2026/09/10	Yannis Wen

1. Summary of Test Results

No.	Test Parameter	Clause No.	Result
1	RF Exposure evaluation for FCC	§1.1307(b)(1) & KDB680106	Pass

Note: 1.N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.

2. Decision rules for the conclusion of this test report: decision by actual test data without considering measurement uncertainty.

2. General Test Information

2.1. Description of EUT

EUT Name	:	Massage Chair
Model Number	:	EC-638J, CZ-810, Quantum Regen
Difference of model number	:	There is no difference except the name of the model. All tests are made with the CZ-810 model.
Power Supply	:	DC 24V From Battery
Hardware Version	:	1.0
Software Version	:	1.0

Radio Specification	:	WPT
Operation Frequency	:	110~205KHz
Modulation	:	MSK
Antenna Type	:	Coil Antenna
Max Antenna Gain(dBi)	:	Maximum Gain is 0dBi (This value is supplied by applicant).

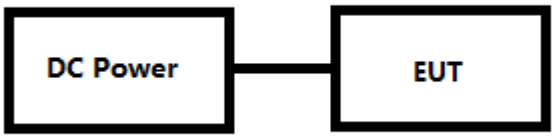
Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

"☒" means to be chosen or applicable; "□" means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
/	/	/	/

2.3. Block diagram of EUT configuration for test



2.4. Test mode description

Channel	Frequency (KHz)
1	120.5

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

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

Items	Required
Temperature range:	15-35℃
Humidity range:	25-75%
Pressure range:	86-106kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Shenzhen Alpha Product Testing Co., Ltd.
Add.: Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen City, Guangdong Province, P.R. China.
Tel.: 4008-3008-95, Website: http://www.a-lab.cn, Email: service@a-lab.cn

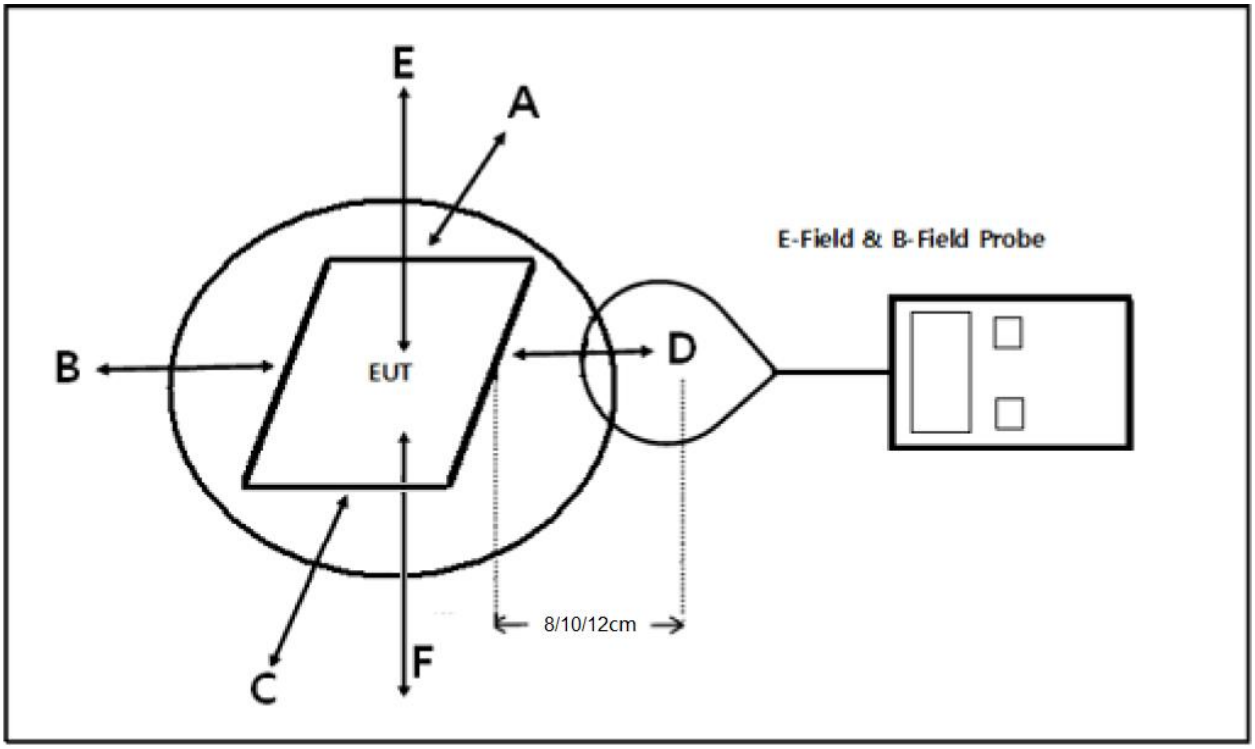
CNAS Accreditation No. L7472; A2LA Accreditation Number: 4762.01
FCC Designation Number: CN1182, Test Firm Registration Number: 203110
Innovation, Science and Economic Development Canada Site Registration Number: 12135A

3. RF Exposure evaluation for FCC

3.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal Due To
Exposure Level Tester	narda	ELT-400	Aa-EE030	2026/07/29	2027/07/28
Magnetic field probe 100cm2	narda	ELT probe 100cm2	Aa-EE031	2026/07/29	2027/07/28
Isotropic Electric Field Probe	narda	EP-601	Aa-EE067	2026/07/29	2027/07/28

3.2. Block diagram of test setup



3.3. Limits

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1091 RF exposure is calculated. According KDB 680106 D01 Wireless Transfer v04.

3.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

3.5. Test procedure

a) The RF exposure test was performed in shielded chamber.
b) The measurement probe was placed at test distance(8cm) which is between the edge of the charger and the geometric centre of probe.
c) The measurement probe used to search of highest strength.
d) The highest emission level was recorded and compared with limit as soon as measurement of each points(A, C, E, F) were completed.
e) The EUT were measured according to the dictates of KDB 680106 D01 Wireless Transfer v04.

3.6. Test result

Test Site: Shield Room CE 1#	Test Date: 2026/09/08--2026/09/08
Condition: 24°C,56%RH,101kPa	Test Engineer: Yannis Wen
Memo: /	

EUT Name: Massage Chair	EUT Model: CZ-810
Sample No.: A2609044-S0001	Test Mode: TX: 120.5kHz
Power supply: DC 24V from DC Power	Memo: /

/

3.7. Test data

For Full load mode:

E-Field Strength at 8cm for position F from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (V/m)	Limits Test (V/m)
0.110-0.205	/	/	/	/	/	2.646	307	614

H-Filed Strength at 8cm for position F from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	/	/	/	/	/	0.706	0.815	1.63
0.110-0.205	/	/	/	/	/	0.883	uT	

E-Field Strength at 10cm for position F from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (V/m)	Limits Test (V/m)
0.110-0.205	/	/	/	/	/	1.900	307	614

H-Filed Strength at 10cm for position F from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	/	/	/	/	/	0.694	0.815	1.63
0.110-0.205	/	/	/	/	/	0.867	uT	

E-Field Strength at 12cm for position F from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (V/m)	Limits Test (V/m)
0.110-0.205	/	/	/	/!	/	1.509	307	614

H-Filed Strength at 12cm for position F from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	/	/	/	/	/	0.686	0.815	1.63
0.110-0.205	/	/	/	/	/	0.858	uT	

For Null load mode:

E-Field Strength 8cm for position F from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (V/m)	Limits Test (V/m)
0.110-0.205	/	/	/	/	/	2.160	307	614

H-Filed Strength at 8cm for position F from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	/	/	/	/	/	0.694	0.815	1.63
0.110-0.205	/	/	/	/	/	0.867	uT	

E-Field Strength 10cm for position F from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (V/m)	Limits Test (V/m)
0.110-0.205	/	/	/	/	/	1.326	307	614

H-Filed Strength at 10cm for position F from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	/	/	/	/	/	0.674	0.815	1.63
0.110-0.205	/	/	/	/	/	0.843	uT	

E-Field Strength 12cm for position F from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (V/m)	Limits Test (V/m)
0.110-0.205	/	/	/	/	/	1.374	307	614

H-Filed Strength at 12cm for position F from the edges surrounding the EUT (A/m)

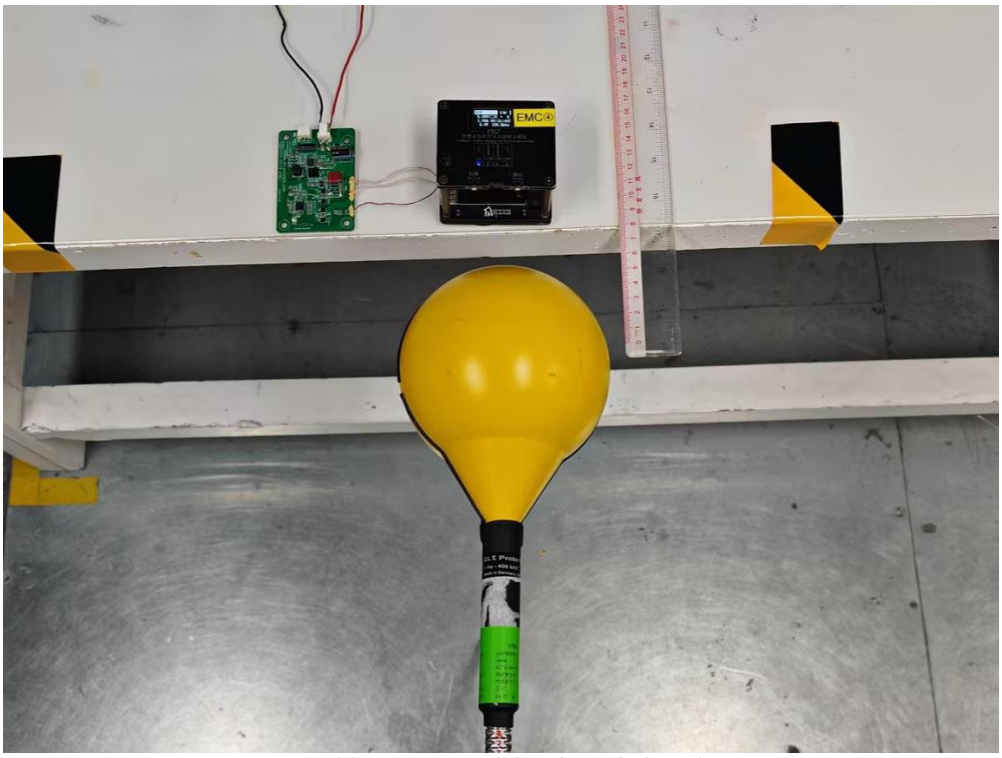
Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	Limit (50%) (A/m)	Limits Test (A/m)
0.110-0.205	/	/	/	/	/	0.666	0.815	1.63
0.110-0.205	/	/	/	/	/	0.832	uT	

Remark:

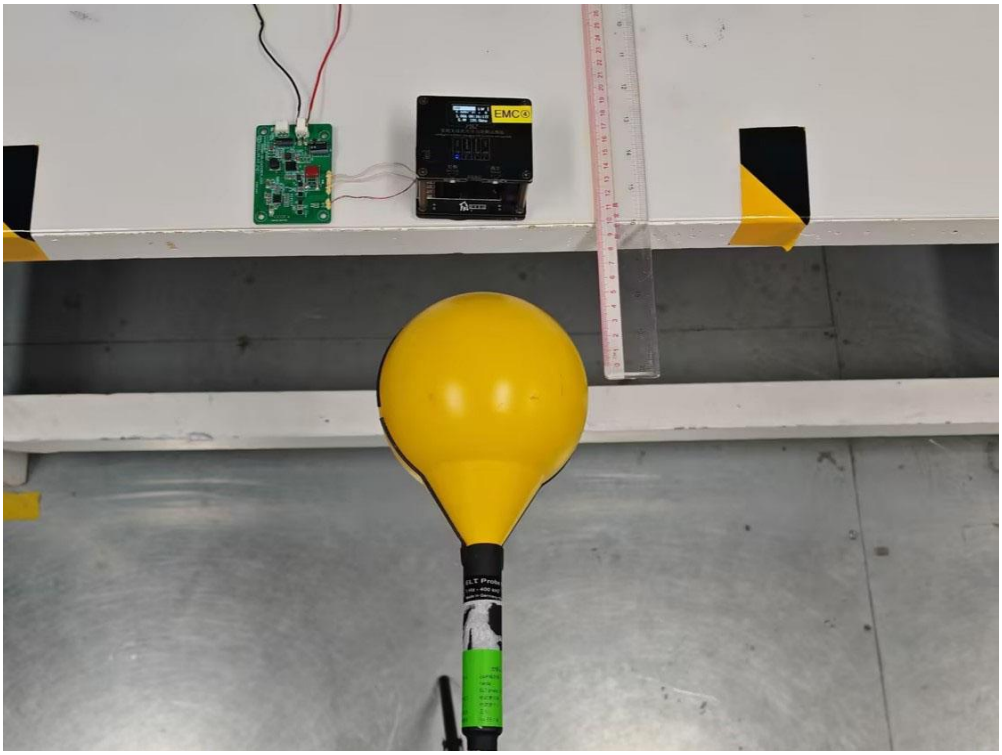
1. uT to A/m: A/m = uT/1.25*.*

2. The manufacturer's declared separation distance obtained from the information in the user's manual is 8 cm.

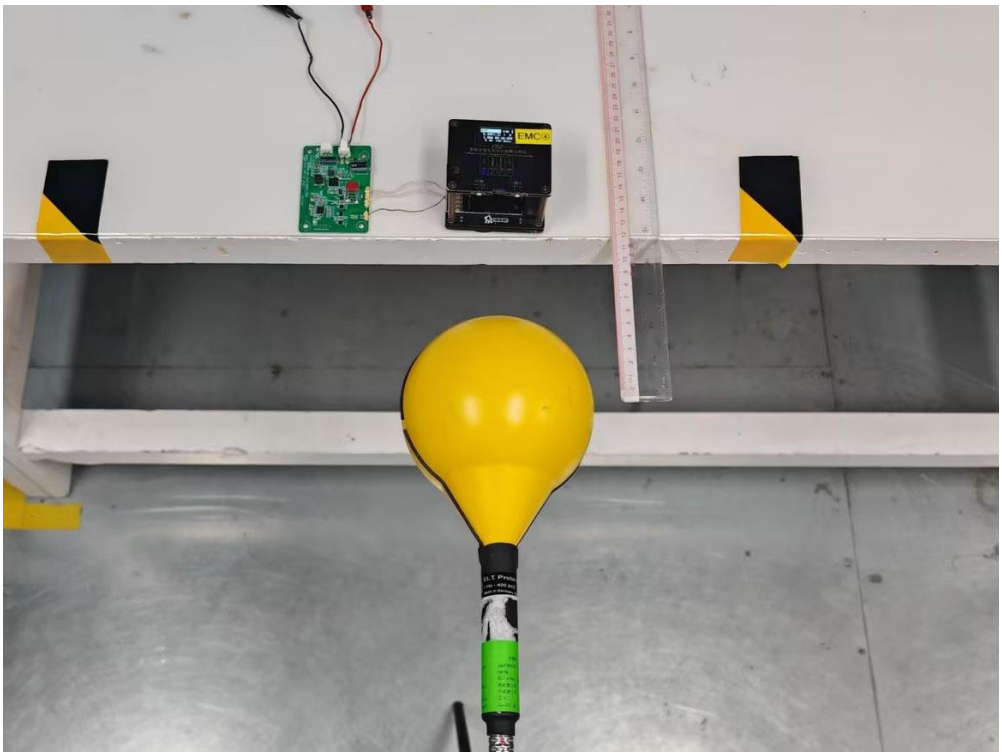
4. Test Setup Photograph



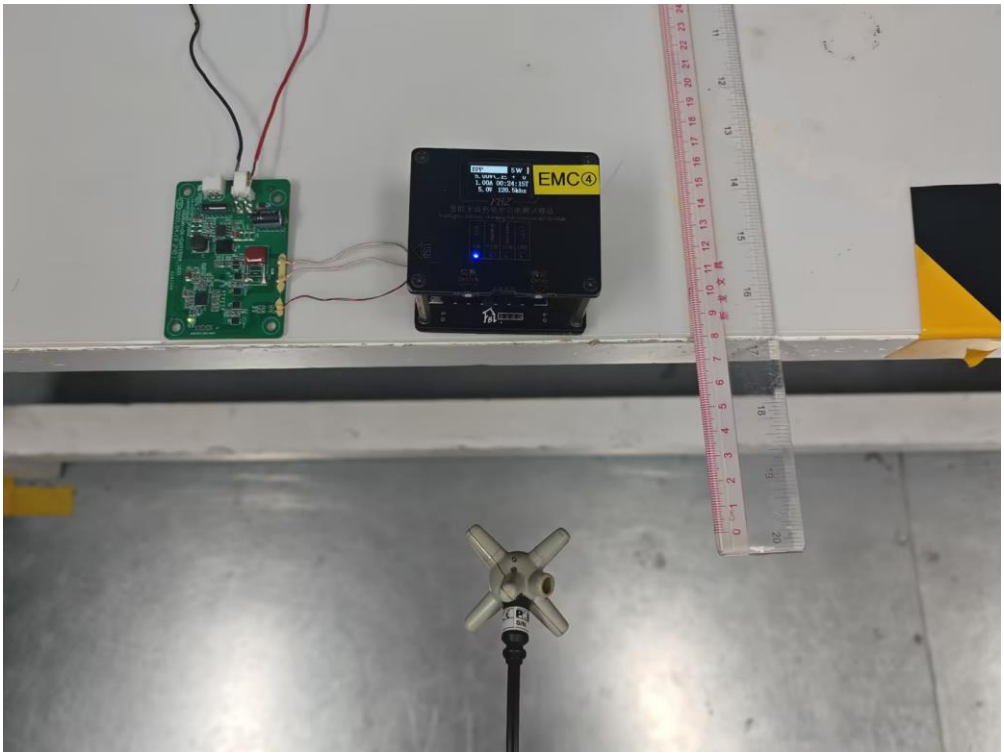
position F For Full load mode(8cm)



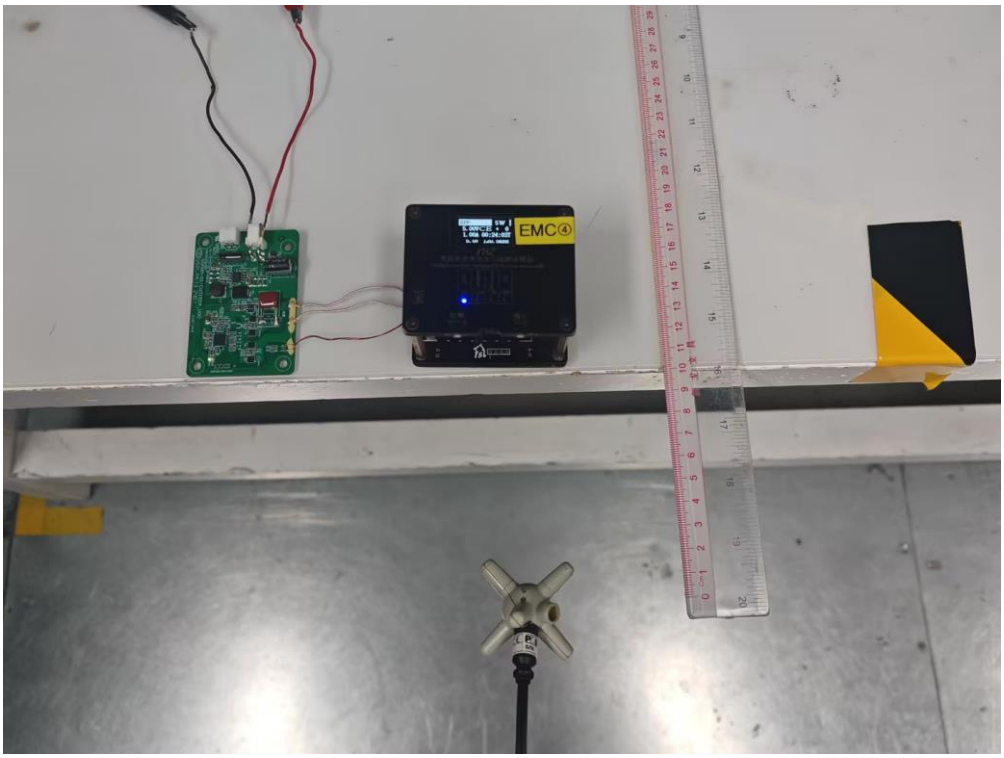
position F For Full load mode(10cm)



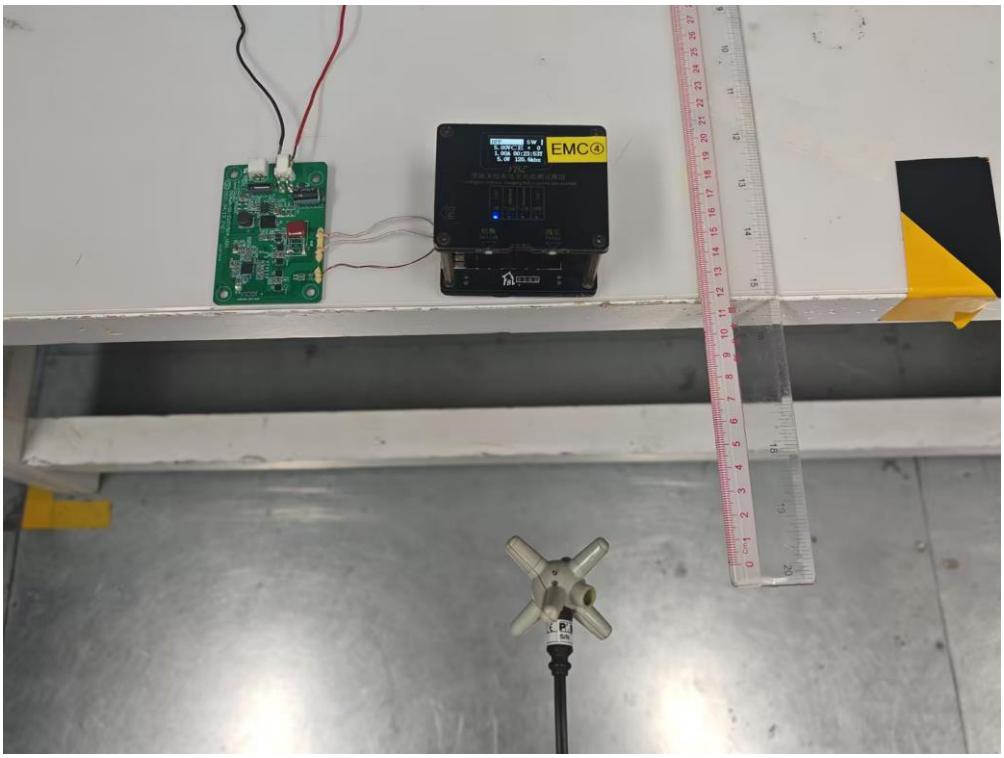
position F For Full load mode(12cm)



position F For Full load mode(8cm)



position F For Full load mode(10cm)



position F For Full load mode(12cm)

----------End Report----------