



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/2

Report No.: SZCR260300106803

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Human Exposure Report

Application No.: SZCR2603001068AT
Applicant: JEM ACCESSORIES INC.
Address of Applicant: 32 Brunswick Avenue, Edison, New Jersey, 08817 United States
Manufacturer: SHENZHEN MAI XIN DA TECHNOLOGY CO., LTD.
Address of Manufacturer: R704-706, FuTong No.1 International building, Gushu, Bao'an District, Shenzhen, China. 518126
Factory: SHENZHEN MAI XIN DA TECHNOLOGY CO., LTD.
Address of Factory: R704-706, FuTong No.1 International building, Gushu, Bao'an District, Shenzhen, China. 518126
Equipment Under Test (EUT):
EUT Name: magnetic watch charger -TYPE C WHT
Model No.: XWC8-1047-WHT
FCC ID: 2AHAS-XWC81047G
Standards: 47 CFR PART 1, Subpart I, Section 1.1310
47 CFR PART 2, Subpart J, Section 2.1091
KDB 680106 D01 Wireless Power Transfer v04
Date of Receipt: 2026-03-18
Date of Test: 2026-03-19 to 2026-03-24
Date of Issue: 2026-04-28

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

Keny Xu

Keny Xu
EMC Laboratory Manager



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch and EMC Laboratory

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2026-04-28		Original

Authorized for issue by:				
		Edison Li		
		Edison Li/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		



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Shenzhen Branch Testing & Calibration Laboratory

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3 General Information

3.1 Details of E.U.T.

Power supply:	DC 5V, 1A
Operation frequency:	327kHz to 329.8kHz
Modulation type:	Load modulation
Antenna type:	Loop Antenna
Duty Cycle:	100%
EUT function:	This device is used to transfer power to a Smart device which with Qi technology installed

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Watch	Apple	Series 5	REF. No.SEA32A00



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3.3 Test Location

All tests were performed at:

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No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

3.4 Test Facility

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

• **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• **VCCI (Member No. 1937)**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd.

Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• **FCC –Designation Number: CN1336**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

• **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

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. Due date
1	3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2026/05/09
2	MAGPy-8H3D+E3D	SPEAG	MAGPy	SEM060-31	2027/02/03
3	MAGPy-DAS	SPEAG	MAGPy	SEM060-32	2027/02/03



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Probe parameter:

Parameter	Specs
PROBE DESIGN	
Diameter	60 mm
8 isotropic <i>H</i> -field sensors	concentric loops of 1 cm ² arranged at the corner of a cube of 22 mm side length
1 isotropic <i>E</i> -field sensor	orthogonal dipole/monopole (arm length: 50 mm)
Measurement center	18.5 mm from the probe tip
Temperature range	0–40 °C
Dimensions	110 × 635 × 35 mm (MAGPy-8H3D+E3D V2 & MAGPy-DAS V2)
<i>H</i>-FIELD SPECIFICATION	
Frequency range	3 kHz–10 MHz
Measurement range	0.1–3200 A/m, 0.12 μT–4 mT
Gradient range	0–80 T/m/T
<i>E</i>-FIELD SPECIFICATION	
Frequency range	3 kHz–10 MHz
Measurement range	0.08–2000 V/m



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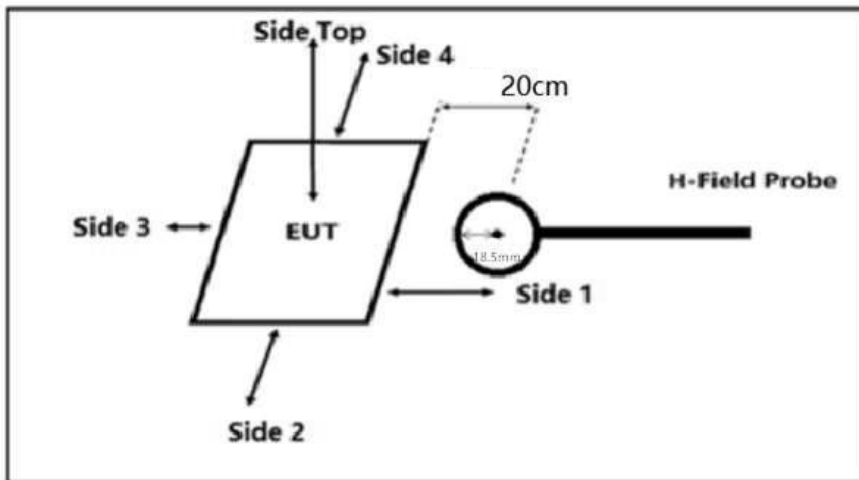
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5 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	02	Operation(Wireless):Keep the EUT pairing with Apple watch(Output1:2.5W).

6 Test Block Diagram



Remark:

- 1 The RF exposure test is performed in the anechoic chamber.
- 2 The test distance is 20cm from the center of the probe along all three axes of the device.

7 Test Results

7.1 RF Exposure test

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

47 CFR PART 2, Subpart J, Section 2.1091

Measurement Distance: 20cm

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).

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23.4 °C Humidity: 49.7 % RH Atmospheric Pressure: 1020 mbar

This device has been tested the worst status of full load and the device has been tested with mobile phone at zero charge, intermediate charge, and full charge.



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7.1.2 Measurement Data

Electric Field Emissions

Operation Frequency (kHz)	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	Limit (V/m)	Verdict
328.40	20	Side 1	0.003	614.000	Passed
328.40		Side 2	0.004	614.000	Passed
328.40		Side 3	0.005	614.000	Passed
328.40		Side 4	0.007	614.000	Passed
328.40		Top	0.011	614.000	Passed

Magnetic Field Emissions

Operation Frequency (kHz)	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	Limit (A/m)	Verdict
328.40	20	Side 1	0.040	1.630	Passed
328.40		Side 2	0.050	1.630	Passed
328.40		Side 3	0.030	1.630	Passed
328.40		Side 4	0.060	1.630	Passed
328.40		Top	0.080	1.630	Passed

8 Test Setup Photos

Refer to Appendix - RF Exposure Test Setup Photo for SZCR2603001068AT

- End of the Report -



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