

Human Exposure Report

Application No.: SZCR2511004944AT
Applicant: JEM ACCESSORIES INC.
Address of Applicant: 32 Brunswick Avenue, Edison, New Jersey, US
Manufacturer: PHNOM PENH DONSEN TECHNOLOGY CO., LTD.
Address of Manufacturer: House/Building No. Plot No.1600, Street/Road No. No, Prey Khla, Preah Nipean, Kong Pisei, Kampong Speu, Cambodia
Factory: PHNOM PENH DONSEN TECHNOLOGY CO., LTD.
Address of Factory: House/Building No. Plot No.1600, Street/Road No. No, Prey Khla, Preah Nipean, Kong Pisei, Kampong Speu, Cambodia
Equipment Under Test (EUT):
EUT Name: 3 in1 MagSafe Charging Station WHT
Model No.: XWC8-1048-WHT
FCC ID: 2AHAS-XWC81048D
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: 2025-11-11
Date of Test: 2025-11-20 to 2025-12-17
Date of Issue: 2025-12-23

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



Keny Xu
EMC Laboratory Manager



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

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SZEMC-TRF-01 Rev. A/2

Report No.: SZCR251100494403

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-12-23		Original

Authorized for issue by:				
		Ryany		
		Ryan Yang/Project Engineer		
		Eric Fu		
		Eric Fu/Reviewer		



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3 General Information

3.1 Details of E.U.T.

Power supply:	Input: Type-C USB (9V=3A, 5V=3A) Output: Output 1 for Smartwatch: 2.5W, Output 2 for Earbuds: 5W, Output 3 for Smartphone: 15W
Cable(s):	USB C cable 100cm
Operating frequency:	Smartwatch: 292.8-338.6kHz Earbuds: 128.2-130.4kHz Smartphone: 116.0-127.2kHz
Modulation type:	Load modulation
Antenna type:	Loop Antenna

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.
Type-C Cable	SGS	N/A	REF. No.SEA07B00
USB Cable	PHILIPS	SWR2101	REF. No.SEA07C00
Earphone	SENNHEISER	MX 375 EAST	REF. No.SEA10B01
Load Resistor	SGS	N/A	REF. No.SEA06A00
Mobile Phone	Xiaomi	2201122C	REF. No.SEA16N01
Adapter	HONOR	HN-200500CP0	REF. No.SEA05R03H
Watch	Apple	Series 5	REF. No.SEA32A00
Watch	Apple	A2474	REF. No.SEA32A01

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	2026/02/04
3	MAGPy-DAS	SPEAG	MAGPy	SEM060-32	2026/02/04



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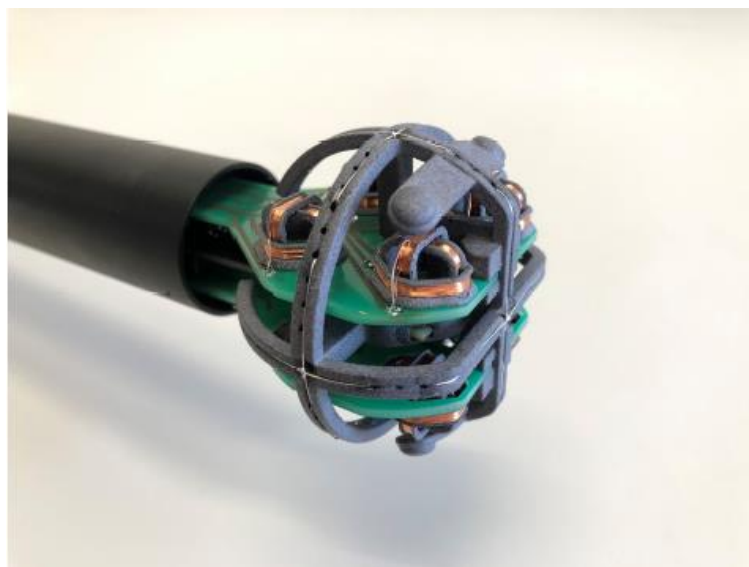
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Probe parameter:

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



5 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	Operation (Wireless): Keep the EUT pairing with Smartwatch (Output 1: 2.5W).
Final test	01	Operation (Wireless): Keep the EUT pairing with Earbuds (Output 2: 5W).
Final test	02	Operation (Wireless): Keep the EUT pairing with Smartphone (Output 3: 15W).



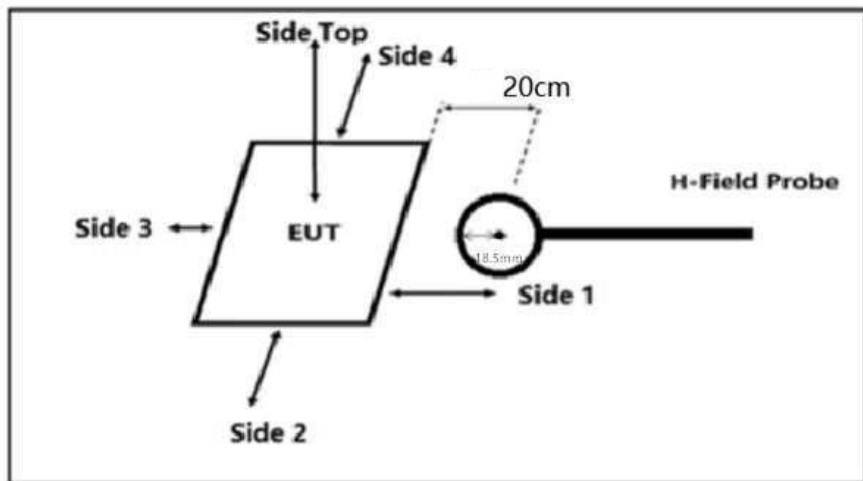
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6 Test Block Diagram



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

Measurement Distance: 20cm

Test Engineer: Roger Chen

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).



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7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C Humidity: 52.9 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Measurement Data

Output 1 for Smartwatch:

Electric Field Emissions

Operation Frequency (KHz)	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	Limit (V/m)	Verdict
323.00	20	Side 1	0.170	614.000	Pass
323.00		Side 2	0.009	614.000	Pass
323.00		Side 3	0.116	614.000	Pass
323.00		Side 4	0.106	614.000	Pass
323.00		Top	0.082	614.000	Pass

Magnetic Field Emissions

Operation Frequency (KHz)	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	Limit (A/m)	Verdict
323.00	20	Side 1	0.043	1.630	Pass
323.00		Side 2	0.005	1.630	Pass
323.00		Side 3	0.030	1.630	Pass
323.00		Side 4	0.023	1.630	Pass
323.00		Top	0.078	1.630	Pass

Output 2 for Earbuds:

Electric Field Emissions

Operation Frequency (KHz)	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	Limit (V/m)	Verdict
129.00	20	Side 1	0.040	614.000	Pass
129.00		Side 2	0.002	614.000	Pass
129.00		Side 3	0.051	614.000	Pass
129.00		Side 4	0.038	614.000	Pass
129.00		Top	0.060	614.000	Pass

Magnetic Field Emissions



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Operation Frequency (KHz)	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	Limit (A/m)	Verdict
129.00	20	Side 1	0.130	1.630	Pass
129.00		Side 2	0.008	1.630	Pass
129.00		Side 3	0.160	1.630	Pass
129.00		Side 4	0.124	1.630	Pass
129.00		Top	0.053	1.630	Pass

Output 3 for Smartphone:

Electric Field Emissions

Operation Frequency (KHz)	Test Distance (cm)	Test Position	Probe Measure Result (V/m)	Limit (V/m)	Verdict
117.00	20	Side 1	0.060	614.000	Pass
117.00		Side 2	0.009	614.000	Pass
117.00		Side 3	0.057	614.000	Pass
117.00		Side 4	0.053	614.000	Pass
117.00		Top	0.017	614.000	Pass

Magnetic Field Emissions

Operation Frequency (KHz)	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	Limit (A/m)	Verdict
117.00	20	Side 1	0.030	1.630	Pass
117.00		Side 2	0.033	1.630	Pass
117.00		Side 3	0.118	1.630	Pass
117.00		Side 4	0.110	1.630	Pass
117.00		Top	0.085	1.630	Pass

- End of the Report -



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