Test Report

Report No.	:	**MTi250611016-0105E2**
Date of Issue	:	**2025-09-01**
Applicant	:	**Shenzhen Allsight E-business Co.Ltd**
Product	:	**25W 2-in-1 Magnetic Fast Wireless Charger**
Model(s)	:	**LC-MC213**
FCC ID	:	**2BMQ9-LCMC213**

Shenzhen Microtest Co., Ltd.

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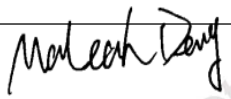
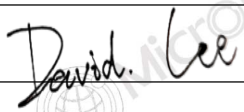
TEST REPORT

Report No.: MTi250611016-0105E2

Test Result Certification		
Applicant	Shenzhen Allsight E-business Co.Ltd	
Applicant Address	Room 116, Kangli Information Valley Building, Longgang District, Shenzhen, China	
Manufacturer	AuGroup (SHENZHEN) Cross-Border Business Co., Ltd.	
Manufacturer Address	Room 106, Kangli Information Valley Building, No. 66 Pingji Avenue, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen	
Factory	Shenzhen Xiaojiu Technology Co.,Ltd	
Factory Address	Floor, C Building, Huamingcheng Industry Park, Matian Street, Guangming District, Shenzhen City, Guangdong Province, China	
Product description		
Product name	25W 2-in-1 Magnetic Fast Wireless Charger	
Trademark	AUKEY	
Model name	LC-MC213	
Series Model(s)	N/A	
Standards	47 CFR PART 1, § 1.1310 part2.1091	
Test method	KDB 680106 D01 Wireless Power Transfer v04	
Testing Information		
Date of test	2025-06-27 to 2025-08-31	
Test Result	Pass	
Prepared by:	Maleah Deng	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

1 General Description

1.1 Description of the EUT

Product name:	25W 2-in-1 Magnetic Fast Wireless Charger
Model name:	LC-MC213
Series Model(s):	N/A
Model difference:	N/A
Electrical rating:	Input: DC 9V3A, DC 12V3A, DC 15V3A, DC 20V3.35A, 67W Max Wireless Output1/2: 5W,7.5W,10W,15W,25W Max
Accessories:	Adaptor: Model: PA-BG67 Input: AC 100-240V, 50/60Hz, 1.5A Max USB-C (PD 3.0) Output: DC 5V/3A(15.0W), DC 9V/3A(27.0W), DC 12V/3A(36.00W), DC 15V/3A(45.0W), DC 20V/3.35A(67.0W) PPS Output: DC 3.3-11V/5A, 45.0W Max Total Output: 67.0W Max Cable: USB-C to USB-C cable 150cm*1
Hardware version:	V1.3
Software version:	SC96019_2025Jun15_0XA0FC_0615_AUKEY
Test sample(s) number:	MTi250611016-01-R001
RF specification	
Operating frequency range:	Coil 1(Phone 1): 115-205kHz(5W, 7.5W, 10W), 360kHz(15W, 25W) Coil 2(Phone 2): 115-205kHz(5W, 7.5W, 10W), 360kHz(15W, 25W)
Modulation type:	ASK
Antenna(s) type:	Coil Antenna

1.2 Description of test modes

All the test modes were carried out with the EUT in normal operation, the final test mode of the EUT was the worst test mode for emission test, which was shown in this report and defined as:

No.	Emission test modes
Mode1	Powered by USB-C adapter+Wireless Output(Phone1(5W)+Phone2(5W))
Mode2	Powered by USB-C adapter+Wireless Output(Phone1(7.5W)+Phone2(7.5W))
Mode3	Powered by USB-C adapter+Wireless Output(Phone1(10W)+Phone2(10W))
Mode4	Powered by USB-C adapter+Wireless Output(Phone1(15W)+Phone2(15W))
Mode5	Powered by USB-C adapter+Wireless Output(Phone1(25W)+Phone2(25W))
Mode6	Powered by USB-C adapter+Wireless Output(Phone1(5W)+Phone2(7.5W))
Mode7	Powered by USB-C adapter+Wireless Output(Phone1(5W)+Phone2(10W))
Mode8	Powered by USB-C adapter+Wireless Output(Phone1(5W)+Phone2(15W))
Mode9	Powered by USB-C adapter+Wireless Output(Phone1(5W)+Phone2(25W))

Mode10	Powered by USB-C adapter+Wireless Output(Phone1(7.5W)+Phone2(5W))
Mode11	Powered by USB-C adapter+Wireless Output(Phone1(7.5W)+Phone2(10W))
Mode12	Powered by USB-C adapter+Wireless Output(Phone1(7.5W)+Phone2(15W))
Mode13	Powered by USB-C adapter+Wireless Output(Phone1(7.5W)+Phone2(25W))
Mode14	Powered by USB-C adapter+Wireless Output(Phone1(10W)+Phone2(5W))
Mode15	Powered by USB-C adapter+Wireless Output(Phone1(10W)+Phone2(7.5W))
Mode16	Powered by USB-C adapter+Wireless Output(Phone1(10W)+Phone2(15W))
Mode17	Powered by USB-C adapter+Wireless Output(Phone1(10W)+Phone2(25W))
Mode18	Powered by USB-C adapter+Wireless Output(Phone1(15W)+Phone2(5W))
Mode19	Powered by USB-C adapter+Wireless Output(Phone1(15W)+Phone2(7.5W))
Mode20	Powered by USB-C adapter+Wireless Output(Phone1(15W)+Phone2(10W))
Mode21	Powered by USB-C adapter+Wireless Output(Phone1(15W)+Phone2(25W))
Mode22	Powered by USB-C adapter+Wireless Output(Phone1(25W)+Phone2(5W))
Mode23	Powered by USB-C adapter+Wireless Output(Phone1(25W)+Phone2(7.5W))
Mode24	Powered by USB-C adapter+Wireless Output(Phone1(25W)+Phone2(10W))
Mode25	Powered by USB-C adapter+Wireless Output(Phone1(25W)+Phone2(15W))
Mode26	Powered by USB-C adapter+Wireless Output(Phone 1(5W))
Mode27	Powered by USB-C adapter+Wireless Output(Phone1(7.5W))
Mode28	Powered by USB-C adapter+Wireless Output(Phone1(10W))
Mode29	Powered by USB-C adapter+Wireless Output(Phone1(15W))
Mode30	Powered by USB-C adapter+Wireless Output(Phone1(25W))
Mode31	Powered by USB-C adapter+Wireless Output(Phone 2(5W))
Mode32	Powered by USB-C adapter+Wireless Output(Phone 2(7.5W))
Mode33	Powered by USB-C adapter+Wireless Output(Phone 2(10W))
Mode34	Powered by USB-C adapter+Wireless Output(Phone 2(15W))
Mode35	Powered by USB-C adapter+Wireless Output(Phone 2(25W))
Mode36	Powered by USB-C cable+Wireless Output(Phone1(5W)+Phone2(5W))
Mode37	Powered by USB-C cable+Wireless Output(Phone1(7.5W)+Phone2(7.5W))
Mode38	Powered by USB-C cable+Wireless Output(Phone1(10W)+Phone2(10W))
Mode39	Powered by USB-C cable+Wireless Output(Phone1(15W)+Phone2(15W))
Mode40	Powered by USB-C cable+Wireless Output(Phone1(25W)+Phone2(25W))
Mode41	Powered by USB-C cable+Wireless Output(Phone1(5W)+Phone2(7.5W))
Mode42	Powered by USB-C cable+Wireless Output(Phone1(5W)+Phone2(10W))
Mode43	Powered by USB-C cable+Wireless Output(Phone1(5W)+Phone2(15W))
Mode44	Powered by USB-C cable+Wireless Output(Phone1(5W)+Phone2(25W))
Mode45	Powered by USB-C cable+Wireless Output(Phone1(7.5W)+Phone2(5W))

Mode46	Powered by USB-C cable+Wireless Output(Phone1(7.5W)+Phone2(10W))
Mode47	Powered by USB-C cable+Wireless Output(Phone1(7.5W)+Phone2(15W))
Mode48	Powered by USB-C cable+Wireless Output(Phone1(7.5W)+Phone2(25W))
Mode49	Powered by USB-C cable+Wireless Output(Phone1(10W)+Phone2(5W))
Mode50	Powered by USB-C cable+Wireless Output(Phone1(10W)+Phone2(7.5W))
Mode51	Powered by USB-C cable+Wireless Output(Phone1(10W)+Phone2(15W))
Mode52	Powered by USB-C cable+Wireless Output(Phone1(10W)+Phone2(25W))
Mode53	Powered by USB-C cable+Wireless Output(Phone1(15W)+Phone2(5W))
Mode54	Powered by USB-C cable+Wireless Output(Phone1(15W)+Phone2(7.5W))
Mode55	Powered by USB-C cable+Wireless Output(Phone1(15W)+Phone2(10W))
Mode56	Powered by USB-C cable+Wireless Output(Phone1(15W)+Phone2(25W))
Mode57	Powered by USB-C cable+Wireless Output(Phone1(25W)+Phone2(5W))
Mode58	Powered by USB-C cable+Wireless Output(Phone1(25W)+Phone2(7.5W))
Mode59	Powered by USB-C cable+Wireless Output(Phone1(25W)+Phone2(10W))
Mode60	Powered by USB-C cable+Wireless Output(Phone1(25W)+Phone2(15W))
Mode61	Powered by USB-C cable+Wireless Output(Phone 1(5W))
Mode62	Powered by USB-C cable+Wireless Output(Phone1(7.5W))
Mode63	Powered by USB-C cable+Wireless Output(Phone1(10W))
Mode64	Powered by USB-C cable+Wireless Output(Phone1(15W))
Mode65	Powered by USB-C cable+Wireless Output(Phone1(25W))
Mode66	Powered by USB-C cable+Wireless Output(Phone 2(5W))
Mode67	Powered by USB-C cable+Wireless Output(Phone 2(7.5W))
Mode68	Powered by USB-C cable+Wireless Output(Phone 2(10W))
Mode69	Powered by USB-C cable+Wireless Output(Phone 2(15W))
Mode70	Powered by USB-C cable+Wireless Output(Phone 2(25W))
Mode71	Powered by USB-C adapter+Stand by
Mode72	Powered by USB-C cable+Stand by

1.3 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list			
Description	Model	Serial No.	Manufacturer
Mobile phone	iPhone 16	/	Apple
Mobile phone	iPhone 16	/	Apple
Mobile phone	iPhone 11	/	Apple
Mobile phone	iPhone 11	/	Apple
Support cable list			
Description	Length (m)	From	To
/	/	/	/

2 Measurement uncertainty

Parameter	Expanded Uncertainty
Magnetic field measurements(3kHz~10MHz)	±14.8%
Electric field measurements(3kHz~10MHz)	±17.5%

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3 Test facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.
Test site location:	101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573

4 List of test equipment

No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
MTI-E143	Near-field Electric and Magnetic Field Sensor System	SPEAG	MAGPy-8H3 D+ED3	3101	2024/3/12	2027/3/11

No.	Equipment	Manufacturer	Model	Software version:	Cal. date	Cal. Due
MTI-E016S	MPE test software	SPEAG	MAGPY 2.6	2.6	/	/

5 Test result

5.1.1 Requirement

§1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of FCC part 2.1093 of this chapter.

Table 1 to §1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

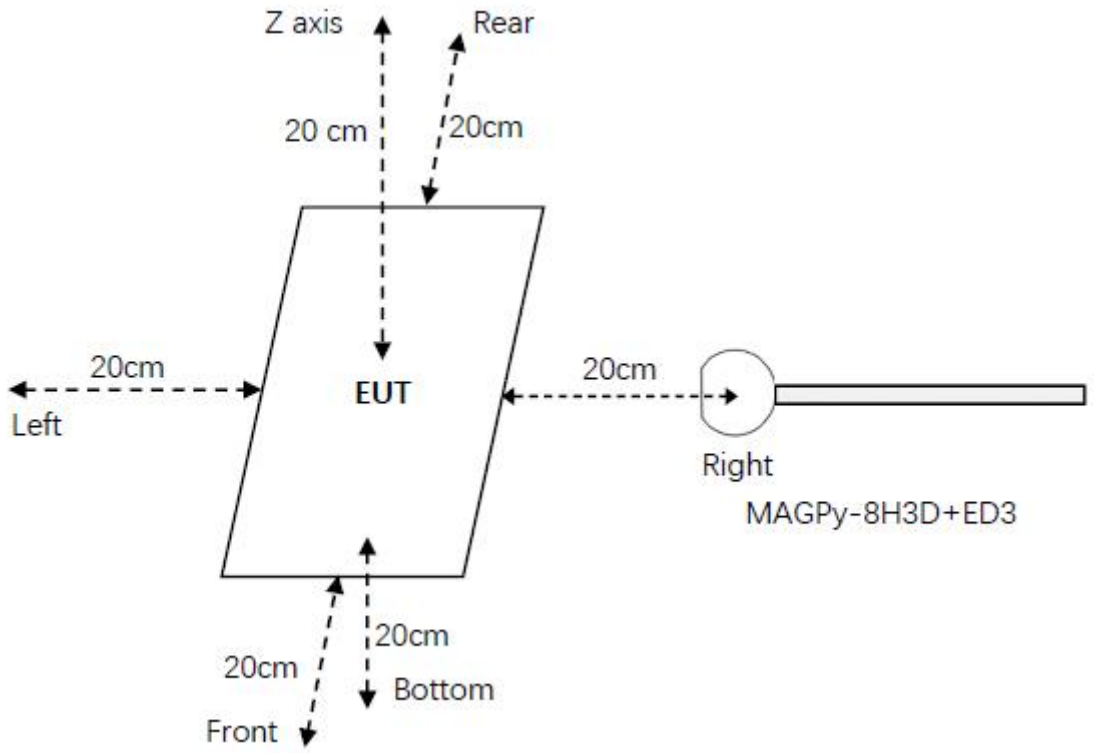
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*($900/f^2$)	<6
30-300	61.4	0.163	1.0	<6
300-1500			f/300	<6
1500-100000			5	<6
(ii) 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
1500-100000			1.0	<30

f = frequency in MHz
* = Plane-wave equivalent power density

Note 1: Occupational/controlled exposure limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.

Note 2: General population/uncontrolled exposure limits apply in situations in which the general public may be exposed, or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

5.2 Test setup



5.3 Test Procedures

a. The RF exposure test was performed in anechoic chamber.

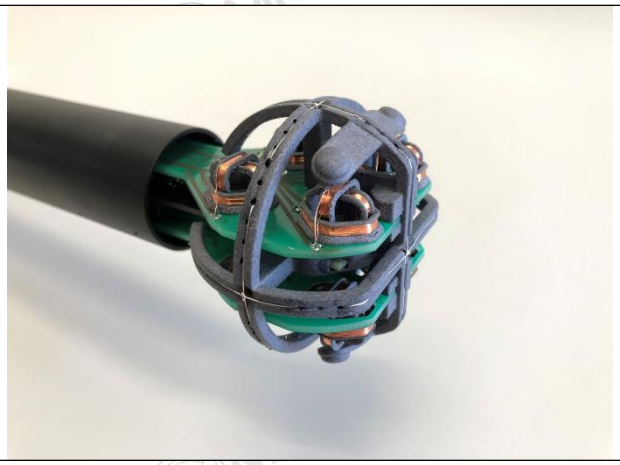
b. E and H-field measurements should be made with these devices considered to meet the § 2.1091-Mobile conditions (“generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the RF source's radiating structure(s) and [the nearest person]”).

c. The highest emission level was recorded and compared with limit.

d. The EUT was measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

5.4 Information of test equipment

Test equipment: MAGPy-8H3D+ED3	
Diameter	60mm
8 isotropic H-field sensors	Concentric loops of 1cm^2 arranged at the corner of a cube of 22mm side length
1 isotropic E-field sensor	Orthogonal dipole/monopple(arm length:50mm)
Measurement center	18.5mm from the probe tip
Dimensions	110*635*35mm (MAGPy-8H3D+E3D V2 & MAGPy-DAS V2)



Test probe, without the casing

5.5 Test results

Test condition 1: Mode 3 operating mode with client device (1 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Z axis	0.61	614	0.29%	0.07	1.63	4.29%
Left	0.5			0.04		
Right	0.57			0.008		
Front	0.52			0.03		
Rear	0.57			0.01		
Bottom	1.78			0.01		

Test condition 2: Mode 3 operating mode with client device (50 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Max. Percentage (%)	Measurement	Limit	Max. Percentage (%)
Z axis	0.63	614	0.30%	0.08	1.63	4.91%
Left	0.52			0.04		
Right	0.59			0.009		
Front	0.54			0.03		
Rear	0.59			0.01		
Bottom	1.85			0.01		

Test condition 3: Mode 3 operating mode with client device (99 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Z axis	0.60	614	0.28%	0.07	1.63	4.29%
Left	0.49			0.04		
Right	0.56			0.008		
Front	0.51			0.03		
Rear	0.56			0.01		
Bottom	1.74			0.01		

Test condition 1: Mode 5 operating mode with client device (1 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Z axis	2.42	614	0.39%	0.008	1.63	0.49%
Left	0.35			0.004		
Right	0.21			0.004		
Front	0.35			0.004		
Rear	0.4			0.007		
Bottom	0.25			0.005		

Test condition 2: Mode 5 operating mode with client device (50 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Max. Percentage (%)	Measurement	Limit	Max. Percentage (%)
Z axis	2.47	614	0.40%	0.009	1.63	0.55%
Left	0.36			0.004		
Right	0.21			0.004		
Front	0.36			0.004		
Rear	0.41			0.007		
Bottom	0.26			0.005		

Test condition 3: Mode 5 operating mode with client device (99 % battery status of client device)

Probe Position	E –field (V/m)			H–field (A/m)		
	Measurement	Limit	Percentage (%)	Measurement	Limit	Percentage (%)
Z axis	2.35	614	0.38%	0.008	1.63	0.49%
Left	0.34			0.004		
Right	0.20			0.004		
Front	0.34			0.004		
Rear	0.39			0.007		
Bottom	0.24			0.005		

Photographs of the Test Setup

See the Appendix - Test Setup Photos.

Photographs of the EUT

See the Appendix - EUT Photos.

Statement

1. This report is invalid without the seal and signature of the laboratory.

2. The test results of this report are only responsible for the samples submitted.Client shall be responsible for representativeness of the sample and authenticity of the material.
3. The report shall not be partially reproduced without the written consent of the Laboratory.
4. This report is invalid if transferred, altered or tampered with in any form without authorization.
5. The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.
6. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

****** END OF REPORT ******