RF Exposure Evaluation

FCC ID:2A4N3-T12

Report No.	:	ZHT-251205102W01-2
Product	:	3-in-1 Wireless Charger
Trademark	:	UEQ
Model(s)	:	T12, T11
Model Difference	:	The models are identical in circuit, only different on the model names and shell shape. T12 and T11 have both passed the test.
Applicant	:	Shenzhen You & Me Electronics Co., LTD
Address	:	Room 401, 4th Floor, 2nd Building, Yunchuang Kuajing Park, No.1012, Banxuegang Avenue, Bantian Street, Longgang District, Shenzhen, China
Manufacturer	:	Shenzhen You & Me Electronics Co., LTD
Address	:	Room 401, 4th Floor, 2nd Building, Yunchuang Kuajing Park, No.1012, Banxuegang Avenue, Bantian Street, Longgang District, Shenzhen, China
Prepared by	:	Guangdong Zhonghan Testing Technology Co., Ltd.
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Date of Receipt	:	Dec. 5, 2025
Date of Test(s)	:	Dec. 5, 2025 to Dec. 26, 2025
Date of Issue	:	Jan. 7, 2026
Test Standard(s)	:	KDB 680106 D01 Wireless Power Transfer v04

In the configuration tested, the EUT complied with the standards specified above.

Prepared by:	Reviewed by:	Approved by:
Kimi Lu	Baret.Wu	Levi Lee
Kimi Lu/ Engineer	Baret Wu/ Director	Levi Lee/ Manager

Note: The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report shall not be reproduced except in full, without prior written approval of ZHT. This document may be altered or revised by ZHT, personnel only, and shall be noted in the revision of the document.

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1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF EUT

Product Name:	3-in-1 Wireless Charger
Test Model No.:	T12, T11
Hardware version:	V1.0
Software version:	V1.0
Operation Frequency:	Phone: 115-205 kHz Earbud: 115-205 kHz Watch: 320-330 kHz
Modulation type:	ASK
Antenna Type:	Inductive loop coil Antenna
Antenna gain:	0dBi
Power supply:	Input : 9 V⎓3 A Phone Output: 15 W(Max) Watch Output: 2.5 W(Max) Earbud Output: 5 W(Max)
Sample Number:	251205102YP001
Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Guangdong Zhonghan Testing Technology Co., Ltd. does not assume any responsibility.	

1.2. TEST MODES

Test Modes:	
Mode 1	AC Mains + Phone charging port + Earbud charging port + Watch charging port-(Battery Status:≤1%)-Mode: T12
Mode 2	AC Mains + Phone charging port + Earbud charging port + Watch charging port-(Battery Status:50%)-Mode: T12
Mode 3	AC Mains + Phone charging port + Earbud charging port + Watch charging port-(Battery Status:≥98%)-Mode: T12
Mode 4	AC Mains + Phone charging port(Battery Status:≤1%)-Mode: T12
Mode 5	AC Mains + Phone charging port(Battery Status:50%)-Mode: T12
Mode 6	AC Mains + Phone charging port(Battery Status:≥98%)-Mode: T12
Mode 7	AC Mains + Watch charging port(Battery Status:≤1%)-Mode: T12
Mode 8	AC Mains + Watch charging port(Battery Status:50%)-Mode: T12
Mode 9	AC Mains + Watch charging port(Battery Status:≥98%)-Mode: T12
Mode 10	AC Mains + Earbud charging port(Battery Status:≤1%)-Mode: T12
Mode 11	AC Mains + Earbud charging port(Battery Status:50%)-Mode: T12
Mode 12	AC Mains + Earbud charging port(Battery Status:≥98%)-Mode: T12
Mode 13	Standby-Mode: T12
Mode 14	AC Mains + Phone charging port + Earbud charging port + Watch charging port-(Battery Status:≤1%)-Mode: T11
Mode 15	AC Mains + Phone charging port + Earbud charging port + Watch charging port-(Battery Status:50%)-Mode: T11
Mode 16	AC Mains + Phone charging port + Earbud charging port + Watch charging port-(Battery Status:≥98%)-Mode: T11
Mode 17	AC Mains + Phone charging port(Battery Status:≤1%)-Mode: T11
Mode 18	AC Mains + Phone charging port(Battery Status:50%)-Mode: T11
Mode 19	AC Mains + Phone charging port(Battery Status:≥98%)-Mode: T11
Mode 20	AC Mains + Watch charging port(Battery Status:≤1%)-Mode: T11
Mode 21	AC Mains + Watch charging port(Battery Status:50%)-Mode: T11
Mode 22	AC Mains + Watch charging port(Battery Status:≥98%)-Mode: T11
Mode 23	AC Mains + Earbud charging port(Battery Status:≤1%)-Mode: T11
Mode 24	AC Mains + Earbud charging port(Battery Status:50%)-Mode: T11
Mode 25	AC Mains + Earbud charging port(Battery Status:≥98%)-Mode: T11
Mode 26	Standby-Mode: T11
Note: All modes were tested, only the worst-case was recorded in the report. Mode 1 is the worst mode.	

1.3. AUXILIARY EQUIPMENT

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	AC ADAPTER	Xiaomi	MDY-08-EH	/	AE
E-2	Mobile phone	Xiaomi	Xiaomi 13	/	AE
E-3	Earphone	Apple Inc.	A2031	/	AE
E-4	Apple watch	Apple Inc.	ultra 2	/	AE

2. RF EXPOSURE TEST

2.1. MEASURING STANDARD

KDB 680106 D01 Wireless Power Transfer v04

2.2. REQUIREMENTS

According to the item 5 of KDB 680106 D01 v04:
Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

Requirements of section 3 of KDB 680106 D01	Yes/ No	Description
Mobile Device and Portable Device Configurations	Yes	Mobile Device
Equipment Authorization Procedures for Devices Operating at Frequencies Below 4 MHz	Yes	The device operate in the frequency range Phone: 115-205 kHz, Earbud: 115-205 kHz, Watch: 320-330 kHz.
RF Exposure compliance may be ensured only for a minimum conditions at smaller distances can still be considered unlikely.separation distance that is greater than 20 cm, while use	Yes	The EUT H-field and E-field strengths at 20 cm surrounding the device.

2.3. LIMITS

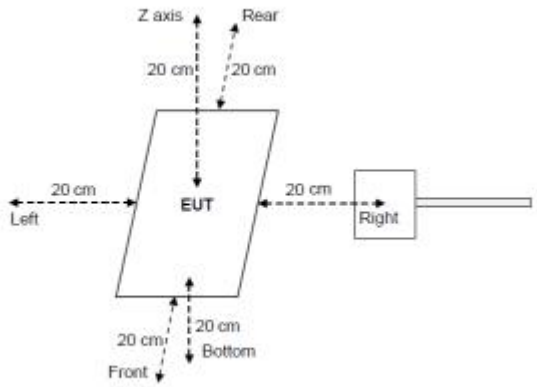
The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in 1.1307(b)
Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(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).

2.4. TEST SETUP

For mobile exposure conditions:



2.5. TEST PROCEDURE

1) The RF exposure test was performed in anechoic chamber.
2) The measurement probe was placed at test distance (20 cm from all sides and 20 cm from the top) which is between the edge of the charger and the geometric center of probe.
3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
4) The EUT was measured according to the dictates of KDB 680106 D01 v04.
Remark：The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

2.6. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ± U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	H-field	0.7dB
2	E-field	1.06dB

Decision Rule

☒ Uncertainty is not included

☐ Uncertainty is included

2.7. TEST INSTRUMENTS LIST

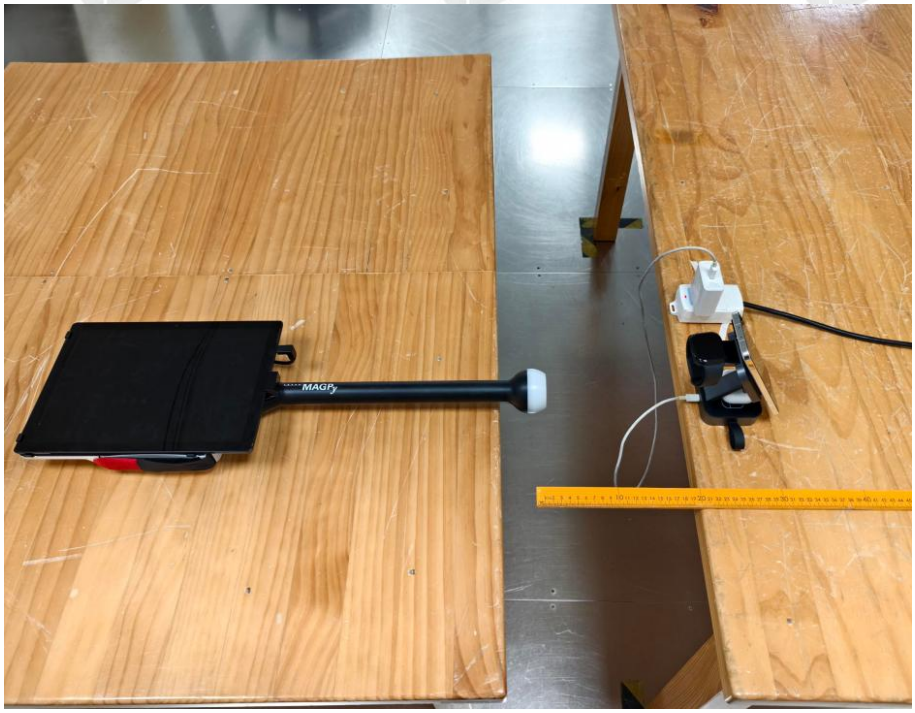
Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Next Cal.
Near-field Electric and Electric Field Sensor System	Schmid & Partner Engineering AG	MAGPy-8H3D+E3D V2	3127	September 09, 2025	September 08, 2026
Near-field Electric and Electric Field Sensor System	Schmid & Partner Engineering AG	MAGPy-DASV2	3121	September 09, 2025	September 08, 2026

2.8. TEST RESULT

We have evaluated mode 1 to mode 26 and the worst mode 1 is showed in this report.

Test Mode	Test Position A (A/m)	Test Position B (A/m)	Test Position C (A/m)	Test Position D (A/m)	Test Position E (A/m)	50% Limits (A/m)	Limits (A/m)	test result
Mode 1	0.11	0.14	0.09	0.15	0.20	0.815	1.63	PASS
Test Mode	Test Position A (V/m)	Test Position B (V/m)	Test Position C (V/m)	Test Position D (V/m)	Test Position E (V/m)	50% Limits (V/m)	Limits (V/m)	test result
Mode 1	3.33	3.64	3.18	2.05	4.56	307	614	PASS

2.9. TEST PHOTOS



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