

RF Exposure Evaluation

FCC ID:2BDHU-YW13

Applicant Name..... : Shenzhen YouXG Technology Co., Ltd
Address..... : Floor 5 Building C, Yonghengxin Industrial Park, Qiaotou, Fuyong Town,
Baoan District, Shenzhen, China
Manufacturer Name..... : Shenzhen YouXG Technology Co., Ltd
Address..... : Floor 5 Building C, Yonghengxin Industrial Park, Qiaotou, Fuyong Town,
Baoan District, Shenzhen, China
Product..... : Retractable Mini 3 in 1 Wireless Charger
Model(s)..... : YW13
Additional Model(s)..... : YW14
Trademark..... : GREENPORT
Model Difference..... : The models are identical in circuit, only different on the model names and
shell shape. YW13 and YW14 have both passed the test.
Prepared by..... : Guangdong Zhonghan Testing Technology Co., Ltd.
Address..... : Room 104/201, Building 1, Yibaolai Industrial Park, Qiaotou, Fuhai
Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Date of Receipt..... : July 6, 2026
Date of Test(s)..... : July 6, 2026-Aug. 12, 2026
Date of Issue..... : Aug. 12, 2026
Test Requested..... : Select test(s) as requested by the client.
Test Standard(s)..... : KDB 680106 D01 Wireless Power Transfer v04

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

Prepared by:

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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:	Retractable Mini 3 in 1 Wireless Charger
Test Model No.:	YW13, YW14
Hardware version:	V1.0
Software version:	V1.0
Operation Frequency:	Phone: 115-205kHz, 360kHz Earphone: 115-205kHz Apple Watch: 320-330kHz
Modulation type:	FSK
Antenna Type:	Inductive loop coil Antenna
Antenna gain:	0dBi
Power supply:	Input: 9 V  3 A, 12 V  3 A, 15 V  3 A Type-C Cable Output 27 W(Max) Phone Output: 25 W(Max) Earphone Output: 5 W Apple Watch Output: 2.5 W
Sample Number:	260706120YP001
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(115-205kHz)-5 W+ Apple Watch charging port-2.5W(Battery Status:≤1%)-YW13
Mode 2	AC Mains + Phone charging port(115-205kHz)-5 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW13
Mode 3	AC Mains + Phone charging port(115-205kHz)-5 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW13
Mode 4	AC Mains + Phone charging port(115-205kHz)-7.5 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW13
Mode 5	AC Mains + Phone charging port(115-205kHz)-7.5 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW13
Mode 6	AC Mains + Phone charging port(115-205kHz)-7.5 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW13
Mode 7	AC Mains + Phone charging port(115-205kHz)-10 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW13
Mode 8	AC Mains + Phone charging port(115-205kHz)-10 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW13
Mode 9	AC Mains + Phone charging port(115-205kHz)-10 W + Watch charging port-2.5W(Battery Status:≥98%)-YW13
Mode 10	AC Mains + Phone charging port(360kHz)-MPP15 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW13
Mode 11	AC Mains + Phone charging port(360kHz)-MPP15 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW13
Mode 12	AC Mains + Phone charging port(360kHz)-MPP15 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW13
Mode 13	AC Mains + Phone charging port(360kHz)-25 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW13
Mode 14	AC Mains + Phone charging port(360kHz)-25 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW13
Mode 15	AC Mains + Phone charging port(360kHz)-25 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW13
Mode 16	AC Mains + Earphone charging port-5W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW13
Mode 17	AC Mains + Earphone charging port-5W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW13
Mode 18	AC Mains + Earphone charging port-5W + Apple Watch charging port-2.5W(Battery Status:50%)-YW13
Mode 19	AC Mains + Phone charging port(Battery Status:≤1%)(115-205kHz)-5 W-YW13
Mode 20	AC Mains + Phone charging port(Battery Status:50%)(115-205kHz)-5 W-YW13
Mode 21	AC Mains + Phone charging port(Battery Status:≥98%)(115-205kHz)-5 W-YW13
Mode 22	AC Mains + Phone charging port(Battery Status:≤1%)(115-205kHz)-7.5 W-YW13
Mode 23	AC Mains + Phone charging port(Battery Status:50%)(115-205kHz)-7.5 W-YW13
Mode 24	AC Mains + Phone charging port(Battery Status:≥98%)(115-205kHz)-7.5 W-YW13
Mode 25	AC Mains + Phone charging port(Battery Status:≤1%)(115-205kHz)-10 W-YW13
Mode 26	AC Mains + Phone charging port(Battery Status:50%)(115-205kHz)-10 W-YW13



Mode 27	AC Mains + Phone charging port(Battery Status:≥98%)(115-205kHz)-10 W-YW13
Mode 28	AC Mains + Phone charging port(Battery Status:≤1%)(360kHz)-MPP15 W-YW13
Mode 29	AC Mains + Phone charging port(Battery Status:50%)(360kHz)-MPP15 W-YW13
Mode 30	AC Mains + Phone charging port(Battery Status:≥98%)(360kHz)-MPP15 W-YW13
Mode 31	AC Mains + Phone charging port(Battery Status:≤1%)(360kHz)-25 W-YW13
Mode 32	AC Mains + Phone charging port(Battery Status:50%)(360kHz)-25 W-YW13
Mode 33	AC Mains + Phone charging port(Battery Status:≥98%)(360kHz)-25 W-YW13
Mode 34	AC Mains + Earphone charging port(Battery Status:≤1%)(115-205kHz)-5W-YW13
Mode 35	AC Mains + Earphone charging port(Battery Status:50%)(115-205kHz)-5W-YW13
Mode 36	AC Mains + Earphone charging port(Battery Status:≥98%)(115-205kHz)-5W-YW13
Mode 37	AC Mains + Apple Watch charging port -(Battery Status:≤1%)(325-330 kHz)-5W-YW13
Mode 38	AC Mains + Apple Watch charging port -(Battery Status:50%)(325-330 kHz)-5 W-YW13
Mode 39	AC Mains + Apple Watch charging port -(Battery Status:≥98%)(325-330 kHz)-5 W-YW13
Mode 40	Standby-YW13
Mode 41	AC Mains + Phone charging port(115-205kHz)-5 W+ Apple Watch charging port-2.5W(Battery Status:≤1%)-YW14
Mode 42	AC Mains + Phone charging port(115-205kHz)-5 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW14
Mode 43	AC Mains + Phone charging port(115-205kHz)-5 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW14
Mode 44	AC Mains + Phone charging port(115-205kHz)-7.5 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW14
Mode 45	AC Mains + Phone charging port(115-205kHz)-7.5 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW14
Mode 46	AC Mains + Phone charging port(115-205kHz)-7.5 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW14
Mode 47	AC Mains + Phone charging port(115-205kHz)-10 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW14
Mode 48	AC Mains + Phone charging port(115-205kHz)-10 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW14
Mode 49	AC Mains + Phone charging port(115-205kHz)-10 W + Watch charging port-2.5W(Battery Status:≥98%)-YW14
Mode 50	AC Mains + Phone charging port(360kHz)-MPP15 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW14
Mode 51	AC Mains + Phone charging port(360kHz)-MPP15 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW14
Mode 52	AC Mains + Phone charging port(360kHz)-MPP15 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW14
Mode 53	AC Mains + Phone charging port(360kHz)-25 W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW14
Mode 54	AC Mains + Phone charging port(360kHz)-25 W + Apple Watch charging port-2.5W(Battery Status:50%)-YW14
Mode 55	AC Mains + Phone charging port(360kHz)-25 W + Apple Watch charging port-2.5W(Battery Status:≥98%)-YW14
Mode 56	AC Mains + Earphone charging port-5W + Apple Watch charging port-2.5W(Battery





	Status:≥98%)-YW14
Mode 57	AC Mains + Earphone charging port-5W + Apple Watch charging port-2.5W(Battery Status:≤1%)-YW14
Mode 58	AC Mains + Earphone charging port-5W + Apple Watch charging port-2.5W(Battery Status:50%)-YW14
Mode 59	AC Mains + Phone charging port(Battery Status:≤1%)(115-205kHz)-5 W-YW14
Mode 60	AC Mains + Phone charging port(Battery Status:50%)(115-205kHz)-5 W-YW14
Mode 61	AC Mains + Phone charging port(Battery Status:≥98%)(115-205kHz)-5 W-YW14
Mode 62	AC Mains + Phone charging port(Battery Status:≤1%)(115-205kHz)-7.5 W-YW14
Mode 63	AC Mains + Phone charging port(Battery Status:50%)(115-205kHz)-7.5 W-YW14
Mode 64	AC Mains + Phone charging port(Battery Status:≥98%)(115-205kHz)-7.5 W-YW14
Mode 65	AC Mains + Phone charging port(Battery Status:≤1%)(115-205kHz)-10 W-YW14
Mode 66	AC Mains + Phone charging port(Battery Status:50%)(115-205kHz)-10 W-YW14
Mode 67	AC Mains + Phone charging port(Battery Status:≥98%)(115-205kHz)-10 W-YW14
Mode 68	AC Mains + Phone charging port(Battery Status:≤1%)(360kHz)-MPP15 W-YW14
Mode 69	AC Mains + Phone charging port(Battery Status:50%)(360kHz)-MPP15 W-YW14
Mode 70	AC Mains + Phone charging port(Battery Status:≥98%)(360kHz)-MPP15 W-YW14
Mode 71	AC Mains + Phone charging port(Battery Status:≤1%)(360kHz)-25 W-YW14
Mode 72	AC Mains + Phone charging port(Battery Status:50%)(360kHz)-25 W-YW14
Mode 73	AC Mains + Phone charging port(Battery Status:≥98%)(360kHz)-25 W-YW14
Mode 74	AC Mains + Earphone charging port(Battery Status:≤1%)(115-205kHz)-5W-YW14
Mode 75	AC Mains + Earphone charging port(Battery Status:50%)(115-205kHz)-5W-YW14
Mode 76	AC Mains + Earphone charging port(Battery Status:≥98%)(115-205kHz)-5W-YW14
Mode 77	AC Mains + Apple Watch charging port -(Battery Status:≤1%)(325-330 kHz)-5W-YW14
Mode 78	AC Mains + Apple Watch charging port -(Battery Status:50%)(325-330 kHz)-5 W-YW14
Mode 79	AC Mains + Apple Watch charging port -(Battery Status:≥98%)(325-330 kHz)-5 W-YW14
Mode 80	Standby-YW14
Note: All modes were tested, only the worst-case was recorded in the report. Mode 13 and Mode 53 is the worst mode.	

1.3. AUXILIARY EQUIPMENT

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	AC Adapter	vivo	V10091L0E1-CN	/	AE
2	AirPods	Apple Inc.	A2031	/	AE
3	Apple Watch	Apple Inc.	ultra 2	/	AE
4	Mobile phone	Apple Inc.	iPhone 16 PULS	/	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: 115-205kHz, 360kHz, 320-330kHz.
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)

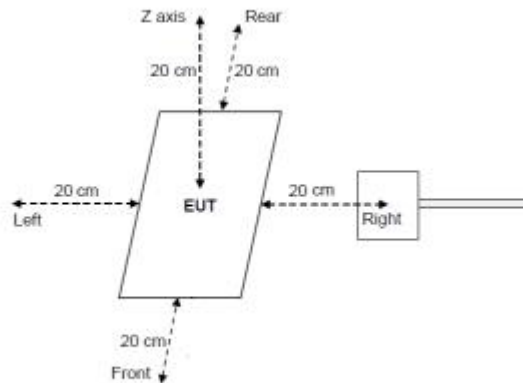
Limits for Maximum Permissible Exposure (MPE)

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 $y \pm U$, where expanded 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 80 and the worst mode 13 and mode 53 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 13	0.02	0.02	0.03	0.08	0.03	0.815	1.63	PASS
Mode 53	0.02	0.02	0.02	0.07	0.02	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 13	1.10	1.12	0.11	1.26	1.08	307	614	PASS
Mode 53	2.31	2.54	2.56	1.26	1.10	307	614	PASS

2.9. TEST PHOTOS

YW13



YW14



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