

RF Exposure Evaluation

FCC ID:2BD7E-BE110PRO

Applicant Name..... : Guangdong BiQiO Electronics Co.,Ltd
Address..... : 105, 1101, 1102, 1103, 1104, No.10-2, 7th Street, Sanlian, Gulao Town,
Heshan City, Guangdong Province,China
Manufacturer Name..... : Guangdong BiQiO Electronics Co.,Ltd
Address..... : 105, 1101, 1102, 1103, 1104, No.10-2, 7th Street, Sanlian, Gulao Town,
Heshan City, Guangdong Province,China
Product..... : Pop up outlet
Model(s)..... : BE110 PRO
Additional Model(s)..... : /
Trademark..... : /
Model Difference..... : /
Prepared by..... : Guangdong Zhonghan Testing Technology Co., Ltd.
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Date of Receipt..... : Apr. 13, 2026
Date of Test(s)..... : Apr. 13, 2026 to -Apr. 23, 2026
Date of Issue..... : Apr. 23, 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: This device described above has been tested by ZHT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report. This report shall not be reproduced except in full, without the written approval of ZHT, this document may be altered or revised by ZHT, personal 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:	Pop up outlet
Test Model No.:	BE110 PRO
Hardware version:	V1.0
Software version:	V1.0
Operation Frequency:	111-205KHz
Modulation type:	ASK
Antenna Type:	Coil Antenna
Antenna gain:	0dBi
Ratings	Input: AC 120V 60Hz, 15 A, 1800W Wireless charging Output: 5W/ 7.5W/ 10W/ 15W Max USB 2A2C Output: Max 20W
Sample Number:	260413118YP001
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	Mobile phone Wireless charging (Battery Status:≤1%)
Mode 2	Mobile phone Wireless charging (Battery Status:50%)
Mode 3	Mobile phone Wireless charging (Battery Status:≥98%)
Mode 4	Standby mode
Note: All modes were tested, only the worst-case was recorded in the report. Mode 1 is the worst mode. with a wireless charging power of 15 W	

1.3. AUXILIARY EQUIPMENT

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
1	Mobile phone	Apple Inc.	iPhone 16PLUS	/	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	111-205KHz
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)

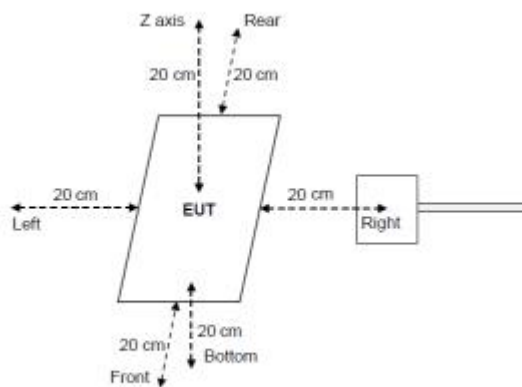
Limits for Maximum Permissible Exposure (MPE)

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	E-field	14.72%
2	H-field	15.48%
3	Temperature	$\pm 0.5^{\circ}\text{C}$
4	Humidity	$\pm 2\%$

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

H-Filed Strength at 20 cm from the edges surrounding the EUT

Test Mode	Unit	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	50%Limits (A/m)	Limits (A/m)	test result
Mode 1	(A/m)	0.08	0.12	0.09	0.11	0.15	0.23	0.815	1.63	PASS

E-Filed Strength at 20 cm from the edges surrounding the EUT

Test Mode	Unit	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Test Position F	50%Limits (V/m)	Limits (V/m)	test result
Mode 1	(V/m)	0.87	0.68	0.46	0.73	0.62	0.54	307	614	PASS

2.9. TEST PHOTOS



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