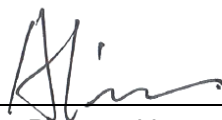


RF EVALUATION TEST REPORT

Applicant..... : Foto Electric Supply Co., INC.
Address..... : 1 Rewe St. Brooklyn, New York 11211 United States
Manufacturer..... : Foto Electric Supply Co., INC.
Address..... : 1 Rewe St. Brooklyn, New York 11211 United States
Factory..... : Foto Electric Supply Co., INC.
Address..... : 1 Rewe St. Brooklyn, New York 11211 United States
Product Name..... : Wireless Charging Speaker with Digital Alarm Clock
Brand Name..... : Chargeworx, COBY
Model No. : KH1046WH, CX5283WH (For model difference refer to section 2)
FCC ID..... : 2AJVKKH1046
Measurement Standard..... : 47 CFR PART 2, Section 2.1091
Receipt Date of Samples..... : July 20, 2026
Date of Tested..... : July 21, 2026 to August 07, 2026
Date of Report..... : August 13, 2026

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.



Prepared by
Alina Guo / Project Engineer



Approved by
Iori Fan / Authorized Signatory

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Revision History

Report Number	Description	Issued Date
NTC2607201F01	Initial Issue	2026-08-13

1. General Description of EUT

Product Information	
Product Name:	Wireless Charging Speaker with Digital Alarm Clock
Main Model Name:	KH1046WH
Additional Model Name:	CX5283WH
Model difference:	Both of models have the same circuit schematic, construction, PCB Layout and critical components. The differences are model number and brand name due to trading purpose.
S/N:	2607-3950
Brand Name:	Chargeworx, COBY
Hardware Version:	241-V1.0
Software Version:	241-V1.0
Rating:	USB port: DC 5V/3A, DC 9V/3A Internal battery: DC 3.7V
Typical Arrangement:	Tabletop
I/O Port:	Refer to the user manual
Accessories Information	
Adapter:	N/A
Cable:	USB line: 1.0m, unshielded, detachable
Other:	N/A
Additional Information	
Note:	According to the model differences and the requirements of the manufacturer, all the tests items were performed on model KH1046WH.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

Technical Specification	
Frequency Range:	110.5-205KHz
Test frequency:	129KHz
Modulation Type:	FSK
Antenna Type:	Coil antenna
Output power for coil:	5W, 10W, 15W
Remark:	This product only supports wireless charging technology.

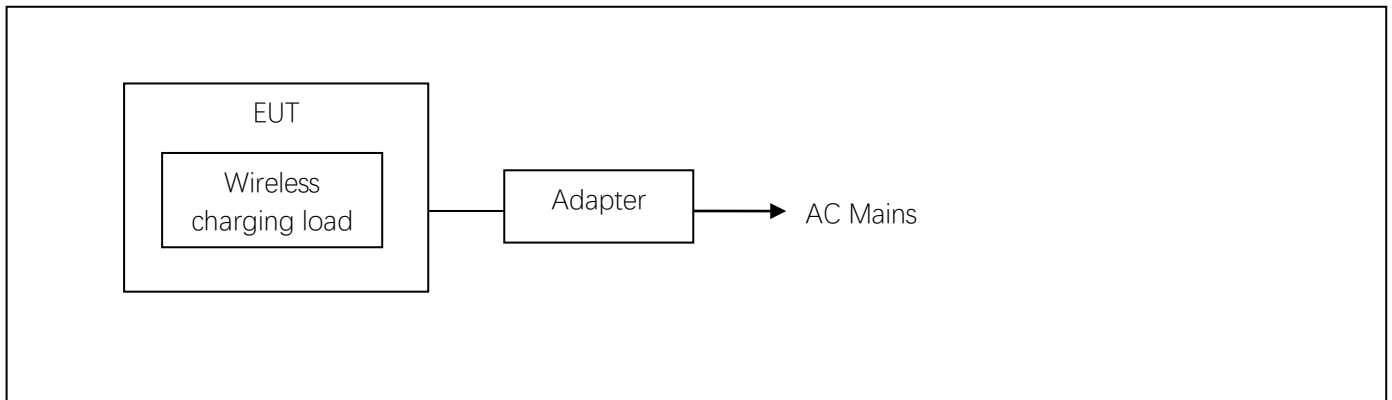
2. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	The Laboratory has been assessed and proved to be in compliance with CNAS/CL01 Listed by CNAS, August 13, 2018 The Certificate Registration Number is L5795. The Certificate is valid until August 13, 2030 The Laboratory has been assessed and proved to be in compliance with ISO17025 Listed by A2LA, November 01, 2017 The Certificate Registration Number is 4429.01 The Certificate is valid until December 31, 2027 Listed by FCC, November 06, 2017 Test Firm Registration Number: 907417 Listed by Industry Canada, June 08, 2017 The Certificate Registration Number. Is 46405-9743A
Test Site Location	:	Room 101, 1101, Building 2, No. 61, Hongmei Section, Wangsha Road, Hongmei Town, Dongguan, Guangdong, People's Republic of China

3. Test Modes Detail

Mode		Modulation
1	Wireless Charging 5W (Full Load)	FSK
2	Wireless Charging 5W (Half Load)	FSK
3	Wireless Charging 5W (Empty Load)	FSK
4	Wireless Charging 10W (Full Load)	FSK
5	Wireless Charging 10W (Half Load)	FSK
6	Wireless Charging 10W (Empty Load)	FSK
7	Wireless Charging 15W (Full Load)	FSK
8	Wireless Charging 15W (Half Load)	FSK
9	Wireless Charging 15W (Empty Load)	FSK
Not: Only the worst case was recorded in the report.		

4. Configuration of EUT



5. Modification of EUT

No modifications are made to the EUT during all test items.

6. Description of Support Device

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

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks
1.	Wireless Charging Load	Consumer Electronics	2S	---	---	Provided by the Lab.
2.	Adapter	HUAWEI	HW-100225C00	HC78EA M942220 3	Input AC100-240V 50/60Hz, 0.75A Output: DC 5V2A DC 9V2A 10V2.25A Max	Provided by the Lab.

7. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 1, 1.1307(b) and 1.1310

KDB 680106 D01v04

9. Measurement Uncertainty

No.	Test Item	Uncertainty	Remarks
1.	Magnetic Field Emissions	± 0.15 dB	---
2.	Electric Field Emissions	± 0.36 dB	---
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.			

10. Maximum Permissible Exposure

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
1500-100,00	/	/	1.0	30

F=frequency in MHz

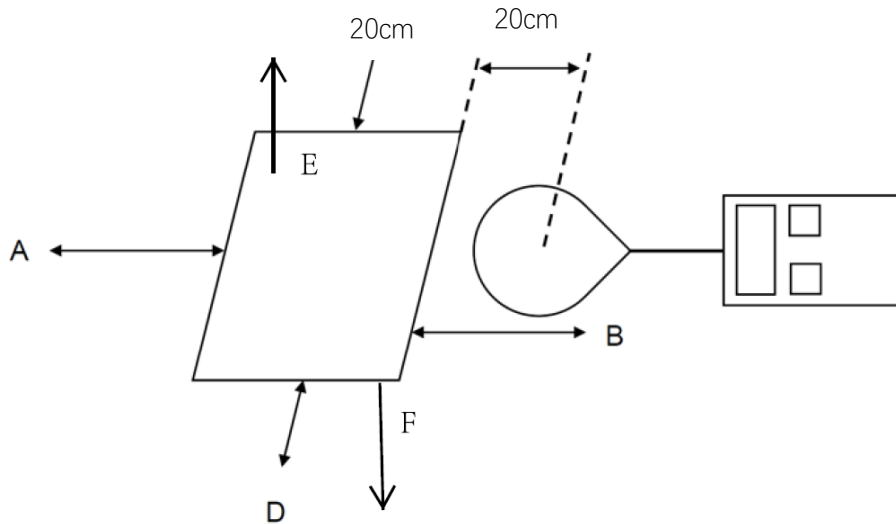
*=Plane-wave equivalent power density

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).

Per KDB 680106 D01v04, RF exposure evaluation at 15cm surrounding the device and 20cm above the top surface. Emission between 50 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 1.63/Am and aggregate H-field strengths from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

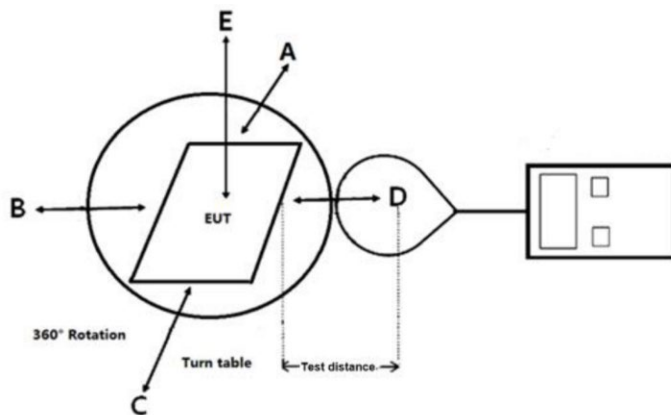
BLOCK DIAGRAM OF TEST SETUP

For Mobile:



Note: The distance of the points A/B/C/D/E is 20cm.

For Portable:



Note: The distance of the points A/B/C/D/E is 2 4 6 8 10 15 20cm.

TEST PROCEDURES

- a. The EUT was placed on a non-conductive table top of shielding room or anechoic chamber, and the ancillary equipment (e.g., mobile phone, dummy loads) was placed on the EUT for charging.
- b. Maximum E-field and H-field measurements were tested at 20cm from each side of the EUT.
- c. Along the side of the EUT to center of E-field probe and H-field probe were positioned at the location to search maximum field strength and record the results.
- d. Repeat the steps a~c on each test modes and configurations until the end of the test.

TEST RESULTS

PASS

Please refer to the following pages of the worst case.

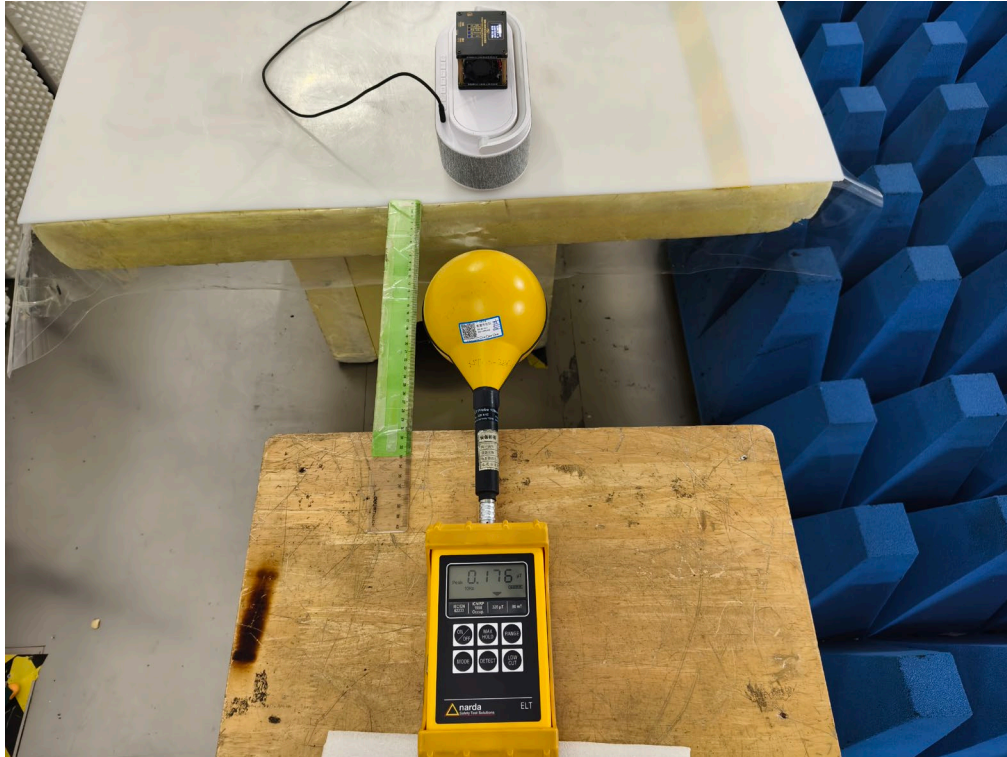
Test Mode 1					
Test Distance (cm)	Test Position	Mobile Measure Result (V/m)	Mobile Measure Result (A/m)	Limit (V/m)	Limit (A/m)
20	Side A	1.040	0.173	614	0.815
	Side B	1.170	0.157	614	0.815
	Side C	0.790	0.131	614	0.815
	Side D	0.830	0.120	614	0.815
	Side E	1.860	0.276	614	0.815
Test Mode 4					
20	Side A	1.390	0.194	614	0.815
	Side B	1.430	0.171	614	0.815
	Side C	1.060	0.150	614	0.815
	Side D	1.120	0.142	614	0.815
	Side E	2.370	0.327	614	0.815
Test Mode 7					
20	Side A	1.800	0.176	614	0.815
	Side B	1.710	0.216	614	0.815
	Side C	1.280	0.179	614	0.815
	Side D	1.320	0.238	614	0.815
	Side E	3.870	0.441	614	0.815

11. Test Equipment List

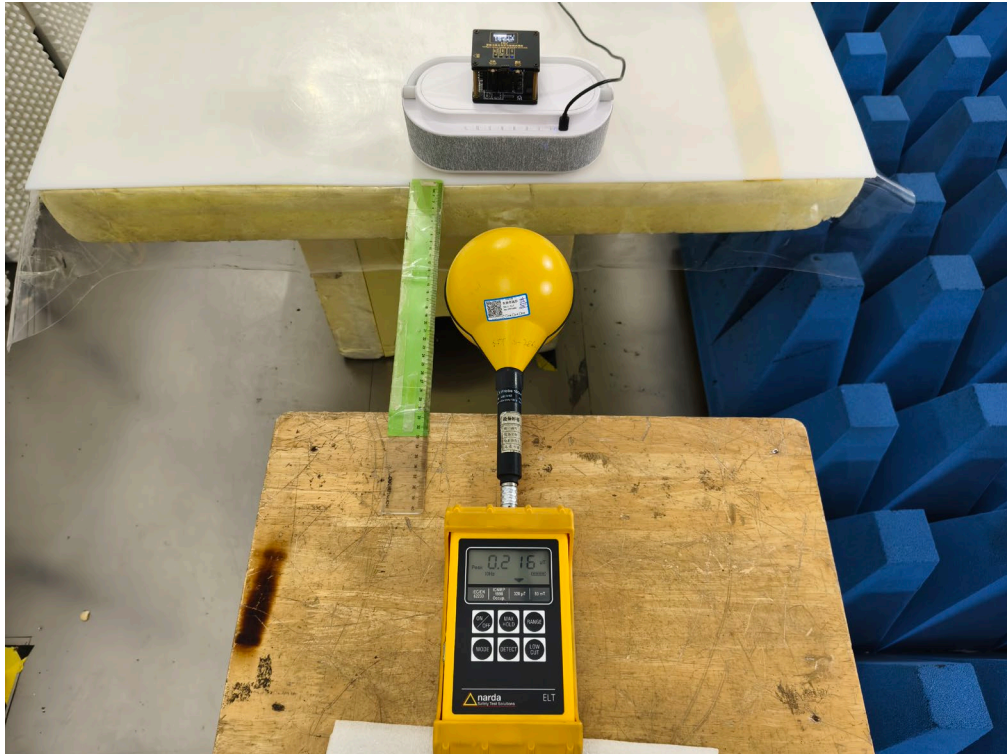
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Magnetic field probe 100cm2	Narda	ETL-400 Probe 1Hz-400KHz (r=6.2cm)	O-0167	June 28, 2026	1 Year
2.	E-Field Probe	Narda	EP-601	611WX70729	Mar. 23, 2026	1 Year

12. Test Photos

Side A: Test distance 20cm



Side B: Test distance 20cm



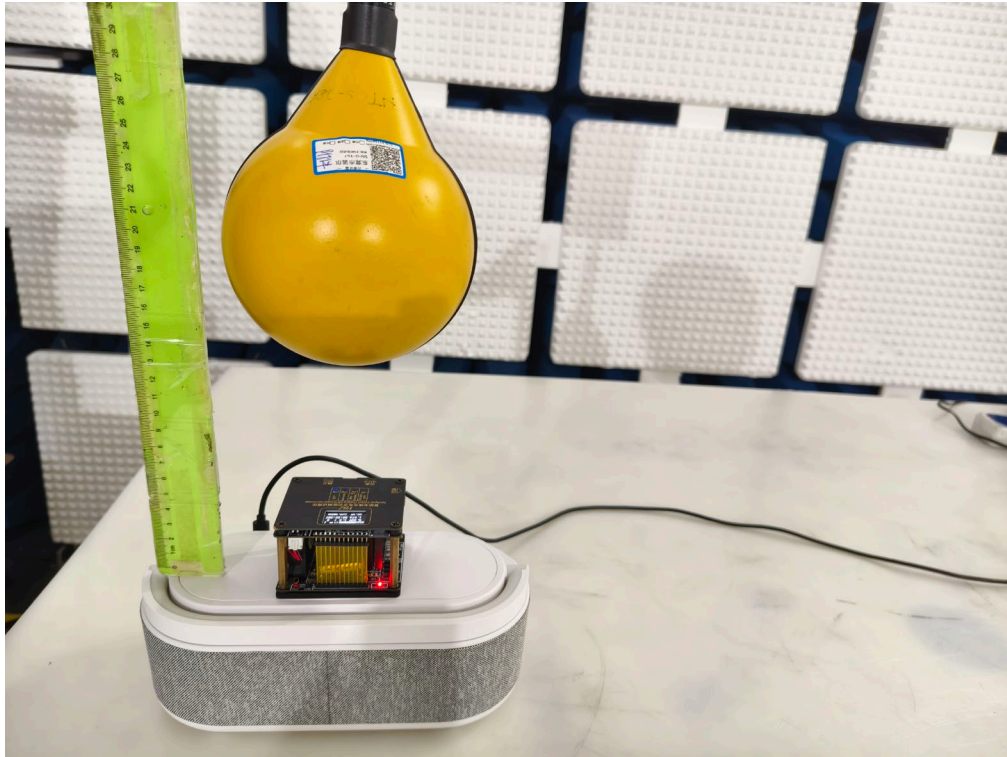
Side C: Test distance 20cm



Side D: Test distance 20cm



Side E: Test distance 20cm



---End---