

# Zhejiang Yankon Group Co.,Ltd.

## MPE ASSESSMENT REPORT

**Report Type:**  
FCC MPE assessment report

**Model:**  
LB014ABV-1000C

**REPORT NUMBER:**  
181101050SHA-002

**ISSUE DATE:**  
December 24, 2018

**DOCUMENT CONTROL NUMBER:**  
TTRFFCCMPE-02\_V1 © 2018 Intertek



**Applicant** : Zhejiang Yankon Group Co.,Ltd.  
No.208 Tongjiang Middle Road, Shangyu Economic Development  
Zone, Shaoxing, Zhejiang 312300, China.

**Manufacturer** : Zhejiang Yankon Group Co.,Ltd.  
No.208 Tongjiang Middle Road, Shangyu Economic Development  
Zone, Shaoxing, Zhejiang 312300, China.

**SUMMARY:**

The equipment complies with the requirements according to the following standard(s) or Specification:

**FCC PART 1 SECTION 1.1310**

**PREPARED BY:**

**REVIEWED BY:**

  
Project Engineer  
Nemo Li

  
Reviewer  
Daniel Zhao

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### Revision History

Report No.	Version	Description	Issued Date
181101050SHA-002	Rev. 01	Initial issue of report	December 24, 2018

## Measurement result summary

TEST ITEM	FCC REFERANCE	TEST RESULT	NOTE
RF Exposure	1.1310	Pass	-

Notes: 1: NA =Not Applicable

2. Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.

## 1 GENERAL INFORMATION

### 1.1 Description of Equipment Under Test (EUT)

Product name:	Wireless charger
Type/Model:	LB014ABV-1000C
Description of EUT:	EUT is a wireless charger and has only one model.
Rating:	120V 60Hz
EUT type:	<input checked="" type="checkbox"/> Table top <input type="checkbox"/> Floor standing
Software Version:	/
Hardware Version:	/
Sample received date:	November 21, 2018
Date of test:	November 21, 2018 ~ December 21, 2018

### 1.2 Technical Specification

Frequency Range:	110kHz – 175kHz
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### 1.3 Description of Test Facility

Name:	Intertek Testing Services Shanghai
Address:	Building 86, No. 1198 Qinzhou Road(North), Shanghai 200233, P.R. China
Telephone:	86 21 61278200
Telefax:	86 21 54262353

The test facility is recognized, certified, or accredited by these organizations:	CNAS Accreditation Lab Registration No. CNAS L0139
	FCC Accredited Lab Designation Number: CN1175
	IC Registration Lab Registration code No.: 2042B-1
	VCCI Registration Lab Registration No.: R-4243, G-845, C-4723, T-2252
	A2LA Accreditation Lab Certificate Number: 3309.02

## 2 TEST SPECIFICATIONS

### 2.1 Standards or specification

FCC PART 1 SECTION 1.1310

KDB 680106 D01 RF Exposure Wireless Charging App v03

### 2.2 Mode of operation during the test

Within this test report, EUT was tested under three modes: 100% power level, 50% power level, 0% power level, and tested under its rating voltage and frequency.

### 2.3 Test peripherals list

Item No.	Name	Band and Model	Description
1	iphone A1865	Provided by client	100% power level
2	iphone A1865	Provided by client	50% power level
3	iphone A1865	Provided by client	0% power level

### 2.4 Record of climatic conditions

Test Item	Temperature (°C)	Relative Humidity (%)	Pressure (kPa)
RF Exposure	21	54	102

**TEST REPORT****2.5 Instrument list**

Used	Equipment	Manufacturer	Type	Internal no.	Due date
<input checked="" type="checkbox"/>	Exposure Level Tester	Narda	ELT-400	EC 2928	2019-08-15
<input checked="" type="checkbox"/>	Field sensor & Field meter	AR	FL17000	EC 5818-1	2019-05-21

**TEST REPORT**

**3 RF Exposure Assessment**

Test result: Pass

**3.1 Assessment Limit**

Reference: 47 CFR §1.1310, KDB 680106

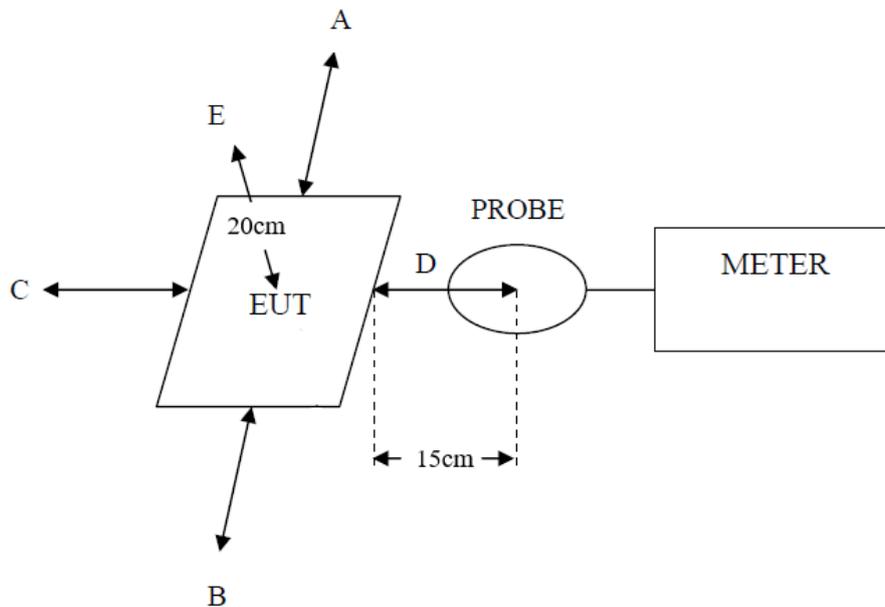
Limits for General Population/Uncontrolled Exposure

Frequency range [MHz]	Electric field strength [V/m]	Magnetic field strength [A/m]	Power density [mW/cm <sup>2</sup> ]	Averaging time [minutes]
0.1 – 0.3	614	1.63	*100	30
0.3 – 1.34	614	1.63	*100	30
1.34 – 30	824/f	2.19/f	*180/f <sup>2</sup>	30
30 – 300	27.5	0.073	0.2	30
300 – 1 500	-	-	f/1500	30
1 500 – 100 000	-	-	1.0	30

Limits for Occupational/Controlled Exposure

Frequency range [MHz]	Electric field strength [V/m]	Magnetic field strength [A/m]	Power density [mW/cm <sup>2</sup> ]	Averaging time [minutes]
0.1 – 0.3	614	1.63	*100	6
0.3 – 3.0	614	1.63	*100	6
3.0 – 30	1842/f	4.89/f	*900/f <sup>2</sup>	6
30 – 300	61.4	0.163	1.0	6
300 – 1 500	-	-	f/300	6
1 500 – 100 000	-	-	5	6

**3.2 Assessment Configuration**



**TEST REPORT****3.3 Assessment Results**

Test result of Magnetic Field Strength:

Test Position	Test distance (cm)	Test result (A/m)	Limit (A/m)	Result (Pass/Fail)
A: Right	15	0.179	1.63 *0.5	Pass
B: Left	15	0.175	1.63 *0.5	Pass
C: Front	15	0.173	1.63 *0.5	Pass
D: Back	15	0.175	1.63 *0.5	Pass
E: Top	20	0.174	1.63 *0.5	Pass

Test result of Electric Field Strength:

Test Position	Test distance (cm)	Test result (V/m)	Limit (V/m)	Result (Pass/Fail)
A: Right	15	3.25	614 *0.5	Pass
B: Left	15	3.22	614 *0.5	Pass
C: Front	15	3.35	614 *0.5	Pass
D: Back	15	3.33	614 *0.5	Pass
E: Top	20	3.36	614 *0.5	Pass

\*\*\*\*\* END \*\*\*\*\*