RF EXPOSURE REPORT

On Behalf of

Amiigo Inc.

Wavelet Charger

Model No.: C1001

FCC ID: 2AKLD-C1001

Prepared for	:	Amiigo Inc.
Address	:	465 Fairchild Drive, Suite 228 Mountain Veiw CA 94043, USA

Prepared By	:	Shenzhen Alpha Product Testing Co., Ltd.
Address	:	2B/F., Building B, No.99, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao' an District, Shenzhen, Guangdong, China

Report Number	:	T1862416 02
Date of Receipt	:	November 24, 2016
Date of Test	:	June 13- June 22, 2017
Date of Report	:	June 23, 2017
Version Number	:	REV0

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TEST REPORT DECLARATION

Applicant	:	Amiigo Inc.		
Manufacturer	:	Amiigo Inc.		
EUT Description	:	Wavelet Charger		
		(A) Model No.	:	C1001
		(B) Trademark	:	**Wavelet**
		(C) Ratings Supply	:	DC 5V from USB port
		(D) Test Voltage	:	DC 5V from USB port with AC 120V/60Hz Input
		(E) Rated Output	:	DC 5V, 0.5A

Measurement Standard Used:

FCC Rules and Regulations KDB680106

The device described above is tested by Shenzhen Alpha Product Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the FCC KDB requirements.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen Alpha Product Testing Co., Ltd.

Tested by (name + signature).....…..:	Reak Yang Test Engineer	Reak Yang ……
Approved by (name + signature)…....:	Simple Guan Project Manager	……
Date of issue…… ……..:	June 23, 2017	

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

EMISSION		
Description of Test Item	**Standard**	**Results**
RF EXPOSURE	§1.1307(b)(1) & KDB680106	**P**

Note: 1. P is an abbreviation for Pass.
2. F is an abbreviation for Fail.
3. N/A is an abbreviation for Not Applicable.

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

Description	:	Wavelet Charger
Model Number	:	C1001
Diff	:	N/A
Modulation Type	:	MSK
Operation Frequency	:	120-205KHz
Antenna type	:	Integrated Antenna
Antenna gain	:	0dBi
Test Voltage	:	DC 5V from USB port with AC 120V/60Hz Input
Trademark	:	Wavelet
Applicant	:	Amiigo Inc.
Address	:	465 Fairchild Drive, Suite 228 Mountain Veiw CA 94043, USA
Manufacturer	:	Amiigo Inc.
Address	:	465 Fairchild Drive, Suite 228 Mountain Veiw CA 94043, USA
Sample Type	:	Prototype production

2.2.Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification or DOC
1	Adapter	Wopow	A9-501000	N/A	VOC

2.3.Block Diagram of connection between EUT and simulators

Signal Cable Description of the above Support Units					
No.	**Port Name**	**Cable**	**Length**	**Shielded (Yes or No)**	**Detachable (Yes or No)**
(a)	N/A	N/A	N/A	N/A	N/A

EUT: Wavelet Charger

2.4.Test mode Description

No.	Test Mode				
1.	Full Load	3	Half Load for shoepod		
2	Half Load for wrist band	4	No Load		

2.5.Test Facility

Shenzhen Alpha Product Testing Co., Ltd.
2B/F., Building B, No.99, East Area of Nanchang Second Industrial Zone, Gushu 2nd Road, Bao' an District, Shenzhen, Guangdong, China

March 25, 2015 File on Federal Communication Commission
Registration Number: 203110

July 18, 2014 Certificated by IC
Registration Number: 12135A

2.6.Measurement Uncertainty

(95% confidence levels, k=2)

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.71dB
Uncertainty for Radiation Emission test (<1G)	3.90 dB (Distance: 3m Polarize: V)
	3.92 dB (Distance: 3m Polarize: H)
Uncertainty for Radiation Emission test(>1G)	4.26 dB (Distance: 3m Polarize: V)
	4.28 dB (Distance: 3m Polarize: H)

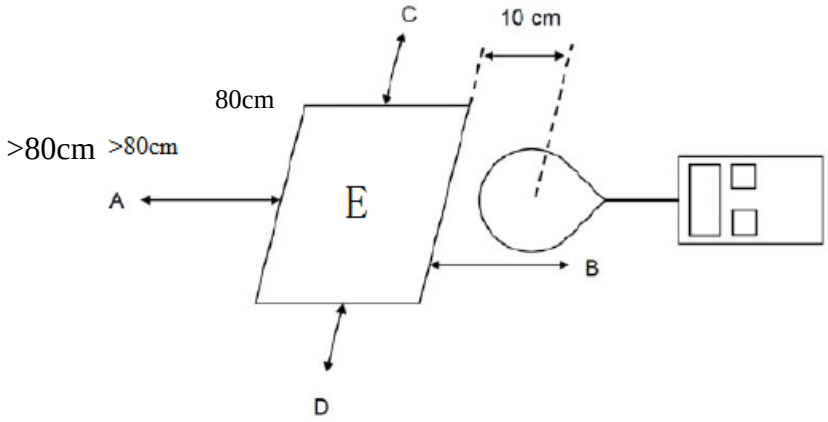
3. RF EXPOSURE TEST

3.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Exposure Level Tester	narda	ELT-400	N-0231	2016.09.29	1 Year
2.	Magnetic field probe 100cm2	narda	ELT probe 100cm2	M0675	2016.09.29	1 Year

3.2.Block Diagram of Test Setup

Test Setup



3.3.RF EXPOSURE Limits

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. According to §1.1310 and §2.1093 RF exposure is calculated. According KDB680106 D01v02: RF Exposure Wireless Charging Apps v02.

3.4.Operating Condition of EUT

（1） Setup the EUT as shown as Section 3.2.

（2） Turn on the power of equipment.

（3） Let the EUT work in test mode.

3.5.Test Procedure

（1） The RF exposure test was performed on 360 degree turn table in anechoic chamber.

（2） The measurement probe was placed at test distance (10cm) which is between the edge of the charger and the geometric centre of probe.

（3） The turn table was rotated 360d degree to search of highest strength.

（4） The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.

(5) The EUT were measured according to the dictates of KDB 680106D01v02.

3.6.Conducted Disturbance at Mains Terminals Test Results

For Full load mode:

E-Filed Strength at 10 cm from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (V/m)	Limits Test (V/m)
0.120-0.205	1.23	1.16	1.24	1.33	1.21	184.2	614

H-Filed Strength at 10 cm from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (V/m)
0.120-0.205	0.21	0.23	0.19	0.17	0.18	0.489	1.63

For Half Load for wrist band mode:

E-Filed Strength at 10 cm from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (V/m)	Limits Test (V/m)
0.120-0.205	1.19	1.16	1.22	1.26	1.17	184.2	614

H-Filed Strength at 10 cm from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (V/m)
0.120-0.205	0.19	0.21	0.17	0.17	0.16	0.489	1.63

For Half Load for shoepod mode:

E-Filed Strength at 10 cm from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (V/m)	Limits Test (V/m)
0.120-0.205	1.18	1.16	1.19	1.22	1.14	184.2	614

H-Filed Strength at 10 cm from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (V/m)
0.120-0.205	0.20	0.21	0.18	0.18	0.16	0.489	1.63

For No load mode:

E-Filed Strength at 10 cm from the edges surrounding the EUT (V/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (V/m)	Limits Test (V/m)
0.120-0.205	1.18	1.16	1.17	1.15	1.13	184.2	614

H-Filed Strength at 10 cm from the edges surrounding the EUT (A/m)

Frequency Range (MHz)	Test Position A	Test Position B	Test Position C	Test Position D	Test Position E	Reference Limit (A/m)	Limits Test (V/m)
0.120-0.205	0.19	0.20	0.16	0.17	0.15	0.489	1.63

4. PHOTOGRAPH OF TEST SETUP

For Full load mode

For Half Load for wrist band mode

For Half Load for shoepod mode

For No load mode

----END OF REPORT----