

## **TEST REPORT**

Applicant Name & : POMCUBE Inc.  
Address : 19363 Brockton Ln Saratoga California United States 95070

Sample Description  
Product : iCAN  
Model No. : 2AGZ2-PO1AAW1  
Electrical Rating : 90-130Vac/60Hz/Max.10A

Date Received : 03 November 2015

Date Test Conducted : 05 November 2015-22 March 2016

Test standards : **47 CFR PART 1, Subpart I, Section 1.1310**

Test Result : Pass

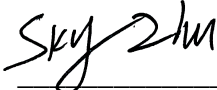
Conclusion : The submitted samples complied with the above standard.


Remark : None

\*\*\*\*\*End of Page\*\*\*\*\*

***Prepared and Checked By:***

***Approved By:***

  
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 **Signature**  
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**25 March 2016** **Date**

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**TEST RESULTS SUMMARY**

<b>Test Item</b>	<b>Standard</b>	<b>Result</b>
<b>EMF</b>	<b>47 CFR PART 1, Subpart I, Section 1.1310</b>	<b>Pass</b>

**Remark:** When determining the test results, measurement uncertainty of tests has been considered.

**2**

**Results Conclusion**  
(with Justification)

RE: EMF Testing Performed on the iCAN, Models: **Error! Reference source not found.**, 2AGZ2-PO1AAW1.

We only test this EUT wireless charger function, and found it comply the standard 47 CFR PART 1, Subpart I, Section 1.1310 table 1 limit requirement.

During the test used the simulating coil connects the resistance as load.

The production units are required to conform to the initial sample as received when the units are placed on the market.

### 3 EMF TEST

#### 3.1 EMF

**Test Result: Pass**

##### 3.1.1 Used Test Equipment

Equip. No.	Equipment	Model	Manufacturer	Cal. date	Due date
EM007-03	Exposure Level Tester	ELT-400	NARDA	2015/12/11	2016/12/11

##### 3.1.2 Standard Requirement

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 limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2m normally can be maintained between the user and the device.

##### (a) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S)(mW/cm <sup>2</sup> )	Averaging Times  E  <sup>2</sup> ,  H  <sup>2</sup> or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	F/300	6
1500-100000	--	--	5	6

##### (b) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S)(mW/cm <sup>2</sup> )	Averaging Times  E  <sup>2</sup> ,  H  <sup>2</sup> or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	F/1500	30
1500-100000	--	--	1.0	30

Note: f=frequency in MHz; \*Plane-wave equivalent power density

##### 3.1.3 Test Data

Operating condition: Output DC 5V/1A

Input Voltage: 120V/60Hz

Ambient Condition: 24°C 50%RH

Test distance: 10cm surrounding the device from all simultaneous transmitting coils

Electric Field Emission:

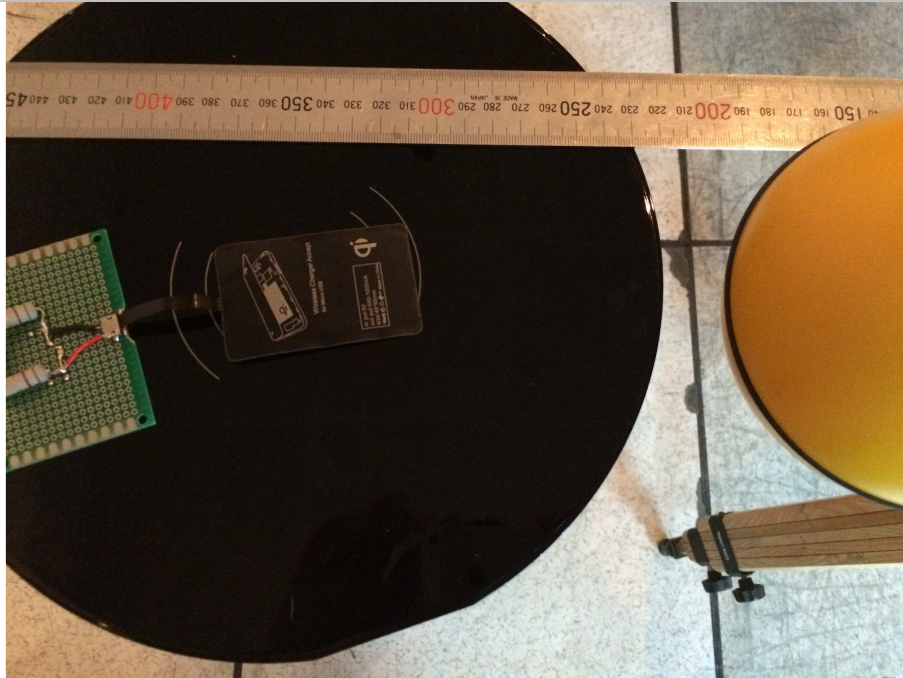
Test Position	Probe Measure Result (V/m)	Limit (V/m)	30% Limit(V/m)
Side 1	14.6	614	184.2
Side 2	15.8	614	184.2
Side 3	16.9	614	184.2
Side 4	15.2	614	184.2
Top	16.7	614	184.2

Magnetic Field Emission

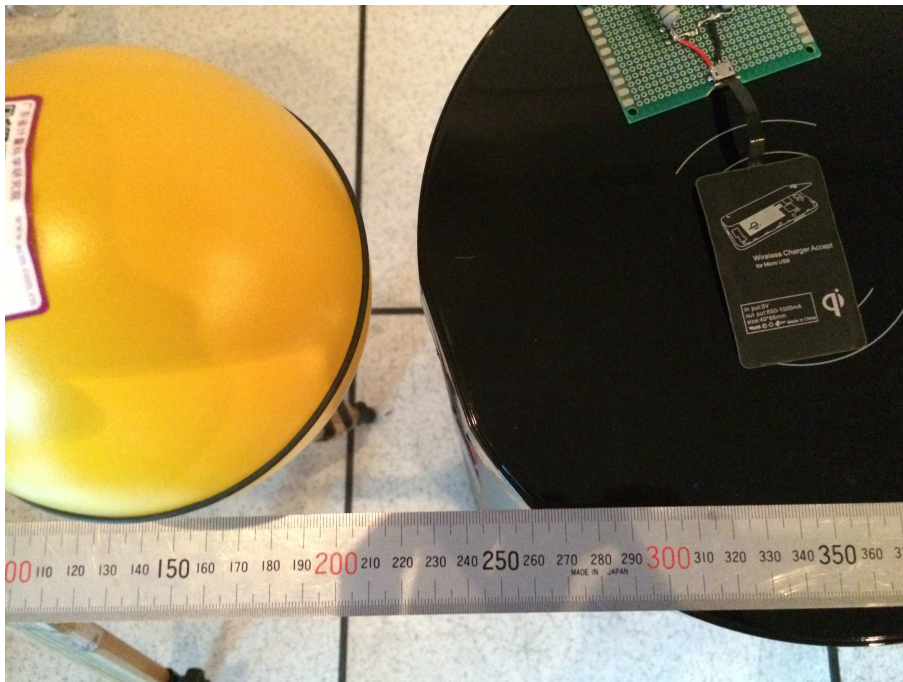
Test Position	Probe Measure Result (A/m)	Limit (A/m)	30% Limit(A/m)
Side 1	0.043	1.63	0.489
Side 2	0.044	1.63	0.489
Side 3	0.047	1.63	0.489
Side 4	0.044	1.63	0.489
Top	0.047	1.63	0.489

## Appendix I - Photos of test setup

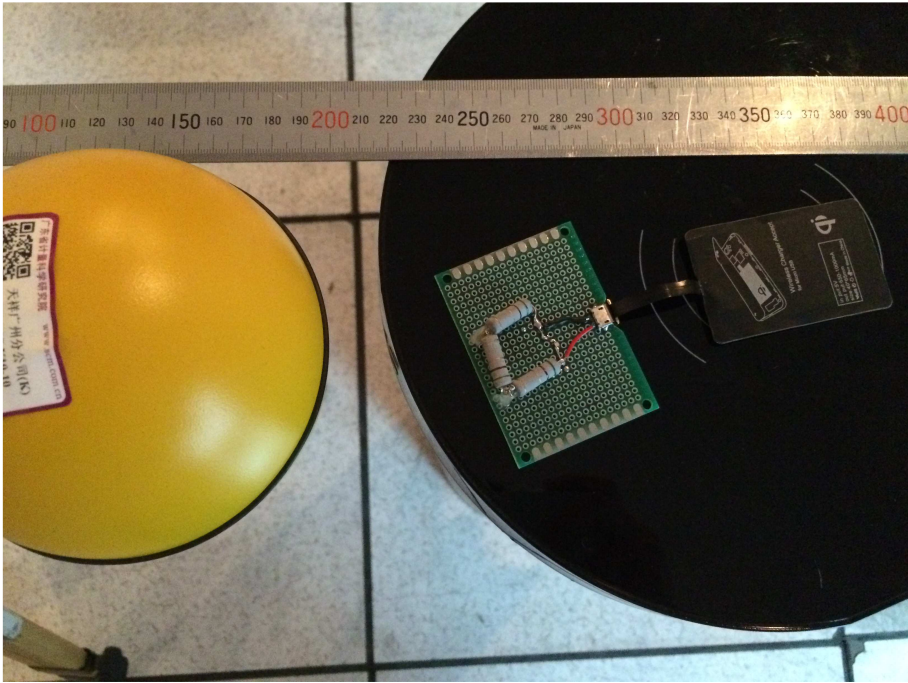
Side 1



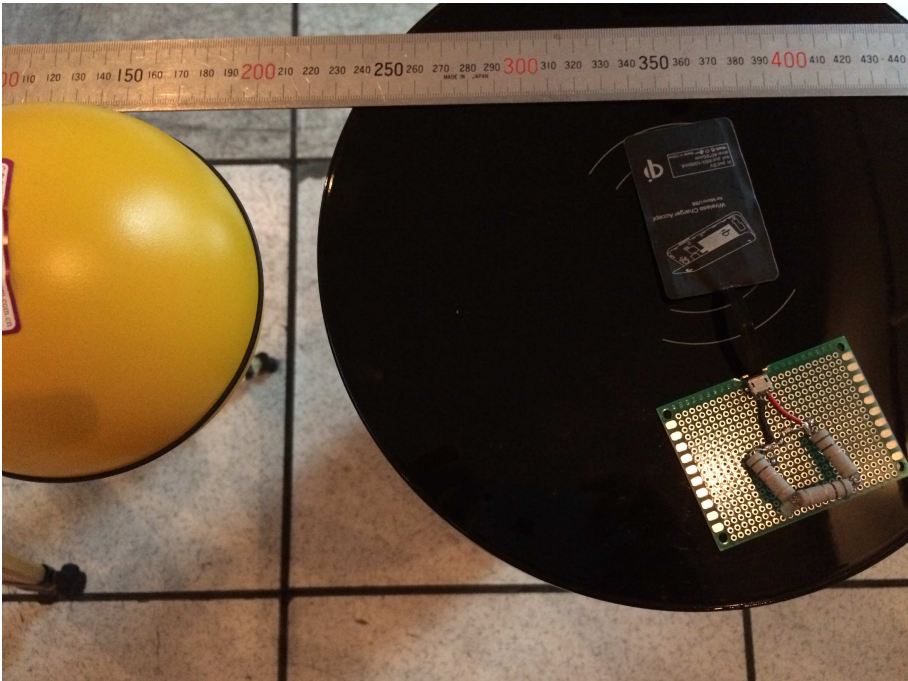
Side 2



Side 3



Side 4





Top side

