TEST REPORT

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1. Report No : DRTFCC2010-0313
2. Customer
   - Name : Sky Labs Inc.
   - Address : #703, 58, Pangyo-ro 255beon-gil Bundang-gu, Seongnam-si Gyeonggi-do South Korea
3. Use of Report : Class II Permissive Change
4. Product Name / Model Name : Heart Monitor / C0K1
   FCC ID : 2AU9T-CART1C
5. FCC Regulation(s) : Part 1.1310
   Test Method Used : KDB 680106 D01 v03
6. Date of Test : 2020.07.10
7. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing
8. Testing Environment : See appended test report.
9. Test Result : Refer to the attached test result.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

Affirmation	Tested by Name : InHee Bae (Signature)	Reviewed by Name : JaeJin Lee (Signature)

2020 . 10 . 15 .

DT&C Co., Ltd.

Unconnected with KS Q ISO / IEC 17025 and KOLAS accreditation

If this report is required to confirmation of authenticity, please contact to report@dtnc.net

Test Report Version

Test Report No.	Date	Description	Revised by	Reviewed by
DRTFCC2010-0313	Oct. 15, 2020	Initial issue	InHee Bae	JaeJin Lee

CONTENTS

1. Equipment information

1.1 Equipment description

FCC Equipment Class	Part 15 Low Power Transmitter Below 1705 kHz (DCD)
Product Name	CART-I
Model Name	C0K1
Add Model Name	C0K2, C0K3, C0K4, C0K5, C0K6, C0K7, C0K8
Serial Number	Identical prototype
Frequency	205 kHz
Output power	Max : 5 W
Power Supply	DC 5 V
Antenna type	Coil Antenna

1.2 Support equipment

Product Name	FCC ID	Manufacturer	Note
CART-I	2AU9T-CART1R	Sky Labs Inc.	-
-	-	-	-

Note: The above equipment was supported by manufacturer.

2. Information about test items

2.1 Test Configuration and Mode

▪Test configuration

The field strength of both E-field and H-field were measured at 15 cm using RF exposure survey meter with E-field and H-field probes for determining compliance with the MPE requirements of FCC Part 1.1310.
These testing were performed at test configuration as test setup diagram on clause 3 of this test report.
The EUT has been tested together with the client device (FCC ID: 2AU9T-CART1R).
During measurements, the EUT was wirelessly charging a battery housed inside a client.
The EUT was periodically stopping the test and fully discharging the client devices before resuming the test.
This device uses a wireless charging circuit for power transfer operating at the frequency of 205 kHz. Thus, the 300 kHz RF exposure limits were used as below table.

▪ Limit

	Frequency	E-Field limit	H-Field limit
FCC Part 1.1310	300 kHz ~ 3 MHz	614 V/m	1.63 A/m

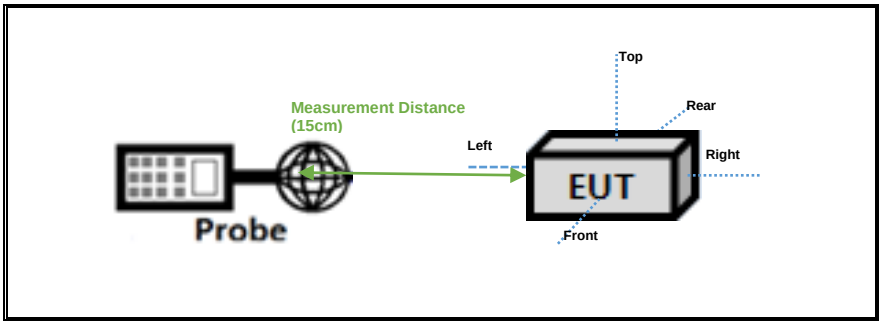
2.2 Tested environment

Temperature	:	24 ºC
Relative humidity content	:	45 %
Details of power supply	:	DC 5 V

3. E and H field strength

For RF exposure purposes, the E and H field strengths are measured separately with E and H probes and meters at different locations surrounding the test setup.

▪ **Test setup diagram**



▪ **Measurement procedure: KDB 680106**

These testing were performed at test configuration as above diagram.
EUT was placed on a turntable, and the measurement distance of 15 cm from the center of the probe to the edge of the device. And test was performed all sides of the EUT(except bottom side).

▪**Measurement data:**

Test Mode	E-field(V/m)					Limit(V/m)
	Front	Rear	Right	Left	Top	FCC
EUT with client	0.37	**1.00**	0.48	0.37	0.41	614
-	-	-	-	-	-	
-	-	-	-	-	-	

Test Mode	H-field(A/m)					Limit(A/m)
	Front	Rear	Right	Left	Top	FCC
EUT with client	0.100	**0.120**	0.050	0.060	0.060	1.63
-	-	-	-	-	-	
-	-	-	-	-	-	

▪**Test equipment list**

Type	Manufacturer	Model	Cal.Date (yy/mm/dd)	Next. Cal.Date (yy/mm/dd)	S/N
EMF Meter	NARDA	ELT-400	19/12/10	20/12/10	N-0342
EMF probe	NARDA	B-Field Probe	19/12/10	20/12/10	M-0779
Broadband field meter	NARDA	NBM-550	19/12/16	21/12/16	E-1275
Broadband field probe	NARDA	EF-0391	19/12/16	21/12/16	D-0894
Thermohygrometer	BODYCOM	BJ5478	19/12/18	20/12/18	120612-2