CMA Testing and Certification Laboratories
廠商會檢定中心

TEST REPORT

Report No. : AW0061643(9) Date : 02 Jan 2019

Application No. : LW030345(4)

Applicant : KODA ELECTRONICS (HK) CO., LTD.
2/F MANDARIN COMMERCIAL HOUSE,
38 MORRISON HILL ROAD, WANCHAI,
HONG KONG

Buyer / Brand name : NONSTOP

Sample Description : One(1) item of submitted sample stated to be

Sample description	Model No
Dual USB and Qi Wireless Charging Station (Grey/Fabric), US ver	Station C-Grey/Fabric
Dual USB and Qi Wireless Charging Station (White/Wood), US ver	Station C-White /Wood

Sample registration No. : RW032462-001
Radio Frequency : 146.7kHz
Supply voltage : AC100-240 50/60Hz
No. of submitted sample : (One) set(s)

Date Received : 11 Sep 2018.

Test Period : 11 Sep 2018 to 18 Sep 2018.

Test Requested : RF Exposure

Test Standard : KDB 680106 D01 RF Exposure Wireless Charging App v03
47 CFR Part 2 section 2.1091

Test Result : See attached sheet(s) from page 2 to 11.

Conclusion : The submitted sample complies with RF Exposure requirements.

Remark : The required compliance information and labeling requirements given in test report appendix I shall be marked on user manual and device at the time of marketing or importation.

For and on behalf of
CMA Industrial Development Foundation Limited

Authorized Signature : _____

Mr. WONG Lap-pong, Andrew
Manager

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Room 1302, Yan Hing Centre, 9-13 Wong Chuk Yeung St., Fo Tan, Shatin, N.T., Hong Kong.
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1 General Information

1.1 General Description

The Station C is a Wireless and USB due charging. It was powered by AC100-240V with maximum current 0.5A. The adaptor is permanently attached to the charging pad.

Two USB charging ports at the top of upper case provide 1A charging current for symbol “+”, and symbol “++” provides 2.4A charging current. The maximum power of wireless charging pad is 10W. No data communication for both USB ports and wireless charging pad for portable devices.

The brief circuit description is listed as follows:

- U3(N76E003AT20) and its associated circuit act as MCU control.
- U4(7150) and its associated circuit act as MCU power control.
- U1(LM324)and its associated circuit act as Code control for MCU.
- U101(SP1231F) and its associated circuit act as voltage controller for USB.
- U102(RH7502) and its associated circuit act as USB charging control.
- Q6A-B, Q7A-B, Q8A-B, Q10-13, IC U5(CD4069) and wireless charging pad and its associated circuit act as wireless charging control.

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1.2 Location of the test site

FCC Accredited Lab Designation Number : HK0004
Address : Room 1302, Yan Hing Centre, 9 - 13 Wong Chuk Yeung Street, Fo Tan, NT, Hong Kong

Radiated emissions measurements are investigated and taken pursuant to the procedures of ANSI C63.4 – 2014. A Semi-Anechoic Chamber Testing Site is set up for investigation and located at:

Ground Floor, Yan Hing Centre,
9 – 13 Wong Chuk Yeung Street,
Fo Tan, Shatin,
New Territories,
Hong Kong.

Conducted emissions measurements are investigated and also taken pursuant to the procedures of ANSI C63.4 – 2014. A shielded room is located at :

Ground Floor, Yan Hing Centre,
9 – 13 Wong Chuk Yeung Street,
Fo Tan, Shatin,
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1.3 List of measuring equipment

Equipment	Manufacturer	Model No.	Serial No.	Calibration Due Date	Calibration Period
Field meter	Wave control	SMP2	17SN0649	19 Dec 2019	2 years
Field probes	Wave control	WP400	17WP100365	19 Dec 2019	2 years

Supporting equipment:

1) USB dummy loading 1A (submitted by applicant)
2) USB dummy loading 2.4A (submitted by applicant)
3) Wireless dummy loading 10W (submitted by applicant)

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1.4 Measurement Uncertainty

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%.

RF Exposure

Test Item	Uncertainty
Electric Field Strength (E)	+/- 4.3%
Magnetic Field Strength (H)	+/- 4.3%

1.5 Test Summary

Test Item	FCC Reference	Result
Electric Field Strength (E) (V/m)	47 CFR Part 1, 1.1310	Comply
Magnetic Field Strength (H) (A/m)	47 CFR Part 1, 1.1310	Comply

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2 Description of the radiated emission test

2.1 Test Procedure

Electric Field Strength (E) (V/m) and Magnetic Field Strength (H) (A/m) are investigated and taken pursuant to the procedures of KDB 680106 D01 RF Exposure Wireless Charging App v03.

The equipment under test (EUT) was placed on a non-conductive turntable with dimensions of 1.5m x 0.4m x 0.8m (L x W x H) above the reference ground plane.

The aggregate H-field and E-Field strengths measured at 15 cm surrounding the EUT and 20 cm above the top surface from all simultaneous transmitting coils. Measurements made from all sides and the top of the primary/client pair, with the 15cm or 20cm distance between center of the probe(s) and edge of the device.

A dummy wireless loading was placed on the top of transmitting coil for charging mode operation.

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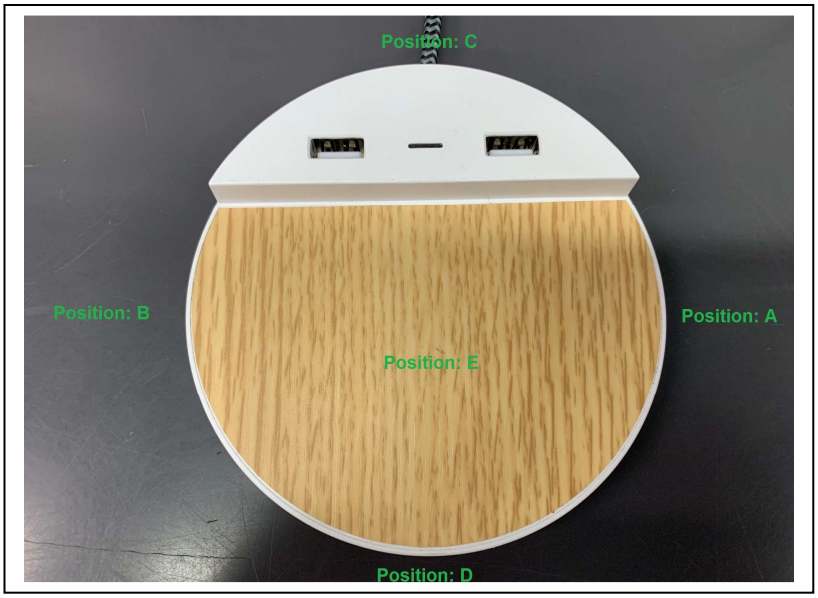
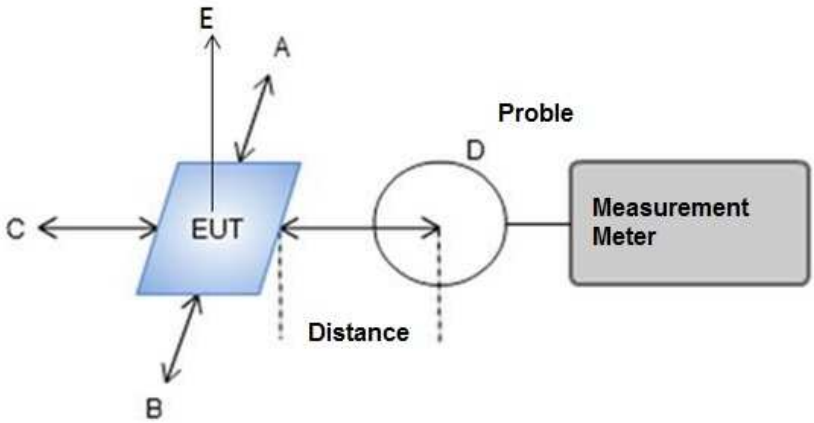
2.2 Test Setup



Position of EUT



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2.3 RF Exposure Measurement Data

Environmental conditions:
Ambient temperature: 22.0 ° C
Relative humidity: 45.3 %

Operation Mode: Charging mode

Electric field

Maximum Permissible Exposure				
Probe from EUT position	Separation	E-field (V/m)	E-field limit (V/m)	E-field margin (V/m)
A	15cm	3.31	614	-610.69
B	15cm	3.05	614	-610.95
C	15cm	4.90	614	-609.10
D	15cm	3.04	614	-610.96
E	20cm	4.30	614	-609.70

Magnetic Field

Maximum Permissible Exposure				
Probe from EUT position	Separation	H-field (A/m)	H-field limit (A/m)	H-field margin (A/m)
A	15cm	0.05	1.63	-1.58
B	15cm	0.04	1.63	-1.59
C	15cm	0.09	1.63	-1.54
D	15cm	0.06	1.63	-1.57
E	20cm	0.14	1.63	-1.49

Test Result:

It was found that the EUT meet the FCC requirements

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Environmental conditions:
Ambient temperature: 22.0 ° C
Relative humidity: 45.3 %

Operation Mode: Standby mode

Electric field

Maximum Permissible Exposure				
Probe from EUT position	Separation	E-field (V/m)	E-field limit (V/m)	E-field margin (V/m)
A	15cm	1.29	614	-612.71
B	15cm	1.35	614	-612.65
C	15cm	2.06	614	-611.94
D	15cm	1.86	614	-612.14
E	20cm	2.00	614	-612.00

Magnetic Field

Maximum Permissible Exposure				
Probe from EUT position	Separation	H-field (A/m)	H-field limit (A/m)	H-field margin (A/m)
A	15cm	0.01	1.63	-1.62
B	15cm	0.01	1.63	-1.62
C	15cm	0.03	1.63	-1.60
D	15cm	0.02	1.63	-1.61
E	20cm	0.05	1.63	-1.58

Test Result:

It was found that the EUT meet the FCC requirements.

FCC ID: 2ADLI-NSC-GF-WW

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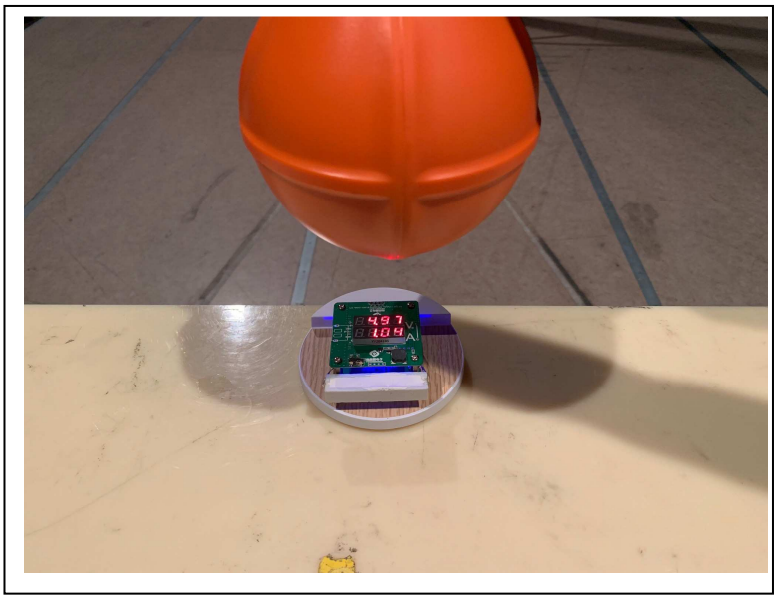
3 Test Setup



Charging mode

Standby mode

**** End of Report *****

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