Report No.: DDT-R21062916-2E05

Issued Date: Aug. 20, 2021

RF EXPOSURE REPORT

FOR

Applicant	:	Shenzhen Kaadas Intelligent Technology co., Ltd.
Address	:	Floor 9, Building B, Tsinghua Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, 518000, China
Equipment under Test	:	K2 Smart Lock Box
Model No.	:	K241, K221
Trade Mark	:	YEEUU
FCC ID	:	2AQY4-K241
Manufacturer	:	Shenzhen Kaadas Intelligent Technology co., Ltd.
Address	:	Floor 9, Building B, Tsinghua Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, 518000, China

Issued By: Dongguan Dongdian Testing Service Co., Ltd.

Add: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808

Tel: +86-0769-38826678, **E-mail:** ddt@dgddt.com, http://www.dgddt.com

REPORT

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TEST REPORT DECLARE

Applicant	:	Shenzhen Kaadas Intelligent Technology co., Ltd.
Address	:	Floor 9, Building B, Tsinghua Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, 518000, China
Equipment under Test	:	K2 Smart Lock Box
Model No.	:	K241, K221
Trade mark	:	YEEUU
Manufacturer	:	Shenzhen Kaadas Intelligent Technology co., Ltd.
Address	:	Floor 9, Building B, Tsinghua Hi-Tech Park, Nanshan District, Shenzhen, Guangdong, 518000, China

Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Dongguan Dongdian Testing Service Co., Ltd and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Dongguan Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No:	DDT-R21080304-2E03		
Date of Receipt:	Aug. 03, 2021	**Date of Test:**	Aug. 03, 2021 ~ Aug. 20, 2021

Prepared By:

Jacky Huang

Jacky Huang/Engineer

Approved By:

Damon Hu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Dongguan Dongdian Testing Service Co., Ltd.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Aug. 20, 2021	

1. General information

1.1. Description of Equipment

EUT* Name	:	K2 Smart Lock Box
Model Number	:	K241, K221
Difference of model number	:	Both models are identical except the appearance and K241 add a fingerprint module.
EUT Function Description	:	Please reference user manual of this device
Power Supply	:	Battery 4.5V (“AAA” Size *3) Type C port input: DC 5V
Radio Specification	:	Bluetooth V4.2
Operation Frequency	:	2402 MHz - 2480 MHz
Modulation	:	GFSK
Data Rate	:	1 Mbps
Antenna Gain	:	Max:3.37dBi
Sample Type	:	Series production

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd.

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CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, G-20118

2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

Worse case is as below: [2402MHz, -3.79dBm 0.418mW) output power]

(0.418/5) ·[√2.402(GHz)] =0.13<3.0 for 1-g SAR

Then SAR evaluation is not required

END OF REPORT