

RF EXPOSURE REPORT

Report No.: DDT-B23052904-2E03

Applicant	:	Tianjin Wavecreating Micro Intelligent Technology Co., Ltd.
Address	:	RM2601-2, No.2 Building, TEDA Service Outsourcing Industrial Park, NO.19, Xinhuanxi Road, TEDA
Equipment under Test	:	access control card reader
Model No.	:	PD8634, PD8633, PD8635, OE8601, QE8601E, E8602, 0E8602E, OE8603, QE8603E, QE8605, QE8606, QE8606E, QE8608, QE8671, AC8030, AC8031, AC8630, AC8631, AC8632, AC8633, AC8130, AC8131, AC8830
Trade Mark	:	N/A
FCC ID	:	2BBFN-PD8634
Manufacturer	:	Tianjin Wavecreating Micro Intelligent Technology Co., Ltd.
Address	:	RM2601-2, No.2 Building, TEDA Service Outsourcing Industrial Park, NO.19, Xinhuanxi Road, TEDA

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

Address: Building D-1, No. 19 Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China

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REPORT

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TEST REPORT DECLARE

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Trade mark	: N/A
Manufacturer	: Tianjin Wavecreating Micro Intelligent Technology Co., Ltd.
Address	: RM2601-2, No.2 Building, TEDA Service Outsourcing Industrial Park, NO.19, Xinhuanxi Road, TEDA

Standard Used: KDB447498 D04 Interim General RF Exposure Guidance V01

We Declare:

The equipment described above is assessed by Tianjin 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 Tianjin Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these assessments.

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

Report No:	DDT-B23052904-2E03		
Date of Receipt:	May 30, 2023	Date of Test:	May 30, 2023 ~ May 31, 2023

Prepared By:

Sunny Zhang

Sunny Zhang/Engineer

Approved By:

Leon Li

Leon Li/RF Manager

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

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	May 31, 2023	

1. General information

1.1. Description of Equipment

EUT* Name	: access control card reader
Model Number	: PD8634, PD8633, PD8635, OE8601, QE8601E, E8602, 0E8602E, OE8603, QE8603E, QE8605, QE8606, QE8606E, QE8608, QE8671, AC8030, AC8031, AC8630, AC8631, AC8632, AC8633, AC8130, AC8131, AC8830
EUT function description	: Please reference user manual of this device
Power supply	: DC 48V supplied through PoE+
Radio Specification	: NFC
Operation Frequency	: 13.56MHz
Antenna Type	: Loop antenna

1.2. Assess laboratory

Tianjin Dongdian Testing Service Co., Ltd.

Address: Building D-1, No. 19, Weisi Road, Microelectronics Industrial Park Development Area, Tianjin, China.

Tel: +86-22-58038033, <http://www.ddttest.com>, Email: ddt@dqddt.com

NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

2. RF Exposure Evaluation

2.1. Requirement

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

2.2. Estimation result

Worst Mode	Max. Turn-up EIRP (dBm)	Max. Turn-up EIRP (mW)	Limit (mW)
NFC	-36.5	0.000224	1

The NFC EIRP is -37.10dBm([=63.89dB \$\mu\$ V/m@3m](#)), Max turn-up EIRP is -36.5dBm.

END OF REPORT