

RF Exposure Evaluation Report

Product : Smart Terminal
Trade mark : N/A
Model/Type reference : CR100FR, CR100, CR200, CR300, CR400,
CR500, CR600, CR700, CR800, CR900,
CR100RW, CR200RW, CR300RW, CR400RW,
CR500RW, CR600RW, CR700RW, CR800RW,
CR900RW, CR200FR, CR300FR, CR400FR,
CR500FR, CR600FR, CR700FR, CR800FR,
CR900FR, CR30, CR30M, FCR30, CR100M,
FCR30, FCR30M, FCR100, FCR100M
Serial Number : N/A
Report Number : EED32S80280203
FCC ID : 2AJ9T-86101
Date of Issue : Mar. 31, 2026
Test Standards : 47 CFR Part 1.1307
47 CFR Part 1.1310
47 CFR Part 2.1091
KDB 447498 D04 Interim General RF Exposure
Guidance v01
Test result : PASS

Prepared for:

ZKTECO CO., LTD.**No.32,Pingshan Industrial Avenue,Tangxia Town,Dongguan
City,Guangdong Province,China 523728**

Prepared by:

**Centre Testing International Group Co., Ltd.
Hongwei Industrial Park, Zone 70, Bao'an District,
Shenzhen, Guangdong, China****TEL: +86-755-3368 3668****FAX: +86-755-3368 3385**

Compiled by:

Frazer Li

Reviewed by:

Keven Tan

Frazer.Li

Keven Tan

Approved by:

Aaron Ma

Date:

Mar. 31, 2026

Aaron Ma



Check No.:6750020226

1 Contents

	Page
1 CONTENTS	2
2 GENERAL INFORMATION	3
2.1 CLIENT INFORMATION	3
2.2 GENERAL DESCRIPTION OF EUT	3
2.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD	3
2.4 TEST LOCATION	4
2.5 DEVIATION FROM STANDARDS	4
2.6 ABNORMALITIES FROM STANDARD CONDITIONS	4
2.7 OTHER INFORMATION REQUESTED BY THE CUSTOMER	4
3 SAR EVALUATION	5
3.1 RF EXPOSURE COMPLIANCE REQUIREMENT	5
3.1.1 Limits	5
3.1.2 Test Procedure	5
3.1.3 EUT RF Exposure Evaluation	6

2 General Information

2.1 Client Information

Applicant:	ZKTECO CO., LTD.
Address of Applicant:	No.32,Pingshan Industrial Avenue,Tangxia Town,Dongguan City,Guangdong Province,China 523728
Manufacturer:	ZKTECO CO., LTD.
Address of Manufacturer:	No.32,Pingshan Industrial Avenue,Tangxia Town,Dongguan City,Guangdong Province,China 523728

2.2 General Description of EUT

Product Name:	Smart Terminal
Model No.(EUT):	CR100FR, CR100, CR200, CR300, CR400, CR500, CR600, CR700, CR800, CR900, CR100RW, CR200RW, CR300RW, CR400RW, CR500RW, CR600RW, CR700RW, CR800RW, CR900RW, CR200FR, CR300FR, CR400FR, CR500FR, CR600FR, CR700FR, CR800FR, CR900FR, CR30, CR30M, FCR30, CR100M, FCR30, FCR30M, FCR100, FCR100M
Trade Mark:	N/A

2.3 Product Specification subjective to this standard

Frequency Range:	13.56MHz, 125KHz	
Modulation Type:	ASK	
Antenna Type:	Coil Antenna	
Antenna Gain:	0dBi	
Power Supply:	USB port:	DC 5V
Sample Received Date:	Feb. 03, 2026	
Sample tested Date:	Feb. 03, 2026 to Mar. 14, 2026	
Remark: Model No.: CR100FR, CR100, CR200, CR300, CR400, CR500, CR600, CR700, CR800, CR900, CR100RW, CR200RW, CR300RW, CR400RW, CR500RW, CR600RW, CR700RW, CR800RW, CR900RW, CR200FR, CR300FR, CR400FR, CR500FR, CR600FR, CR700FR, CR800FR, CR900FR, CR30, CR30M, FCR30, CR100M, FCR30, FCR30M, FCR100, FCR100M Only the model CR100FR was tested, since the electrical circuit design, PCB layout, electrical components used , internal wiring and function were identical for the above models, only the model name different.		

2.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, Test Firm Registration No.: 260439

2.5 Deviation from Standards

None.

2.6 Abnormalities from Standard Conditions

None.

2.7 Other Information Requested by the Customer

None.

3 SAR Evaluation

3.1 RF Exposure Compliance Requirement

3.1.1 Limits

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

3.1.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

3.1.3 EUT RF Exposure Evaluation**For Stand alone:**

Freq. (MHz)	Field strength of the fundamental signal (dBuV/m@3m)	EIRP (dBm)	ERP (dBm)	ERP (mW)	Limit (mW)	MPE ratio	Result
@125KHz	63.80	-31.43	-33.58	0.00044	1	0.00044	Pass
@NFC	47.60	-47.63	-49.78	0.00001	1	0.00001	Pass

Note:

- ① EIRP=conducted power+antenna gain;
- ② $ERP=EIRP-2.15$;
- ③ $EIRP(dBm) = \text{Field strength of the fundamental signal}(dBuV/m@3m) - 95.23$;
- ④ $ERP(mW) = 10^{(ERP(dBm)/10)}$;
- ⑤ The test data please refer to the report of EED32P80550901, EED32P80550902 and only the worst case data was recorded in the report.

For Simultaneous Transmission:

As MPE ratio $(13.56MHz+125KHz)=0.00044+0.00001=0.00045 < 1$, it's deemed to fulfil the RF exposure requirement.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***