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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17554.7-2010

Identification cards -- Test methods -- Part 7: Vicinity cards

识别卡 测试方法 第7部分：邻近式卡

(English Translation)

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Foreword

GB/T 17554 in the "identification cards - Test methods" general title, currently divided into the following seven sections.

- Part 1. General characteristics of the test;
- Part 2. magnetic stripe cards;
- Part 3. Integrated circuit cards with contacts and related interface devices;
- Part 4. non-contact IC card;
- Part 5. Optical memory cards;
- Part 6. Proximity cards;
- Part 7. proximity cards.

This section GB/T Part of 717,554. This section uses redrafted law, revise international standards ISO/IEC 10373-7:2008 "Identification cards - Test methods - Part 7. Proximity card" (in English).

This part of ISO/IEC 10373-7:2008 compared with the following additions and modifications, and the space in the corresponding provisions of the outer margin with a single vertical line labeled.

- a) In order to make the standard more clear and understandable, an increase of abbreviations PCB;
- b) For ease of reference, the editorial changes made 8.1.2;
- c) In order to avoid the situation within a specified work area VICC not work properly practical applications may appear to increase Chapter 9 Working field testing.

This section of the Appendix A, Appendices C and D are normative appendix.

This section Appendix B, Appendix E and F are informative appendices.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

1 Scope

GB/T 17554 regulations in line with GB/T 14916 Carter recognition of testing methods. Each test method or a cross-reference A standard basis, the basis of these criteria can be GB/T 14916 or one or more definitions of information storage technology for identifying the card application Complementary standards.

Note 1: The acceptance criteria are not included in this section, but in the national standards mentioned above.

Note 2: The number of test methods GB/T 17554 described may be implemented individually. The card does not require a predetermined sequence through all the tests.

GB/T 17554 in the provisions of this part of the contactless IC card technology (proximity cards) testing methods. Section 1 for Test Method for one or more card technologies are shared; the other part is the test method specified for each specific technology.

Unless otherwise specified in this section apply only to the test GB/T 22351.1 and GB/T 22351.2 defined proximity cards.

2 Normative references

The following documents contain provisions which, through reference GB/T 17554 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, we are encouraged to reach agreement under this section all parties that proposed to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 14916 Identification cards - Physical characteristics (GB/T 14916-2006, ISO/IEC 7810:2003, IDT) GB/T 17626.2 Electromagnetic compatibility Testing and measurement techniques - Electrostatic discharge immunity test (GB/T 17626.2-2006, IEC 61000-4-2:2001, IDT) GB/T 22351.1 Identification cards - Contactless integrated circuit cards Proximity cards - Part 1. Physical characteristics (GB/T 22351.1-2008, ISO/IEC 15693-1:2000, IDT) Non-contact IC card proximity cards - Part 2 GB/T 22351.2-2010 Identification cards. Air Interface and Initialization (ISO/IEC 15693-2:2000, IDT) GB/T 22351.3 Identification cards - Contactless integrated circuit cards Proximity cards - Part 3. Anti-collision and transmission protocol (GB/T 22351.3-2008, ISO/IEC 15693-3:2001, IDT) ISBN92-67-10188-9 guide to measure the expression of uncertainty, ISO , 1993 Edition

3.1 Terms and Definitions

The following terms and definitions apply to this section.

3.1.1

Basic standards basestandard Using test method to verify compliance with the standards.

3.1.2

Expected operating operateasintended Subjected to some potentially destructive influence, any integrated circuit card still remain in line with GB/T 22351.3 group Standard operating foundation and responses 1.

NOTE: If there are other technologies on a single card with, these technologies according to their standards should be expected actions.

A section does not define a complete functional test of the integrated circuit card. These test methods only require a minimum verification function. Under appropriate circumstances, you can enter a Step supplemental application-specific function guidelines, which in general is less than.