INTERNATIONAL STANDARD

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Information technology — Telecommunications and information exchange between systems — NFCIP-2 test methods

Technologies de l'information — Téléinformatique — Méthodes d'essai NFCIP-2

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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

ISO/IEC 19369 was prepared by Ecma International (as ECMA-403) and was adopted, under a special "fast-track procedure", by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC.

Introduction

This International Standard specifies test methods for ISO/IEC 21481 in addition to those specified in the referenced standards.

Information technology — Telecommunications and information exchange between systems — NFCIP-2 test methods

1   Scope

This International Standard specifies requirements to verify NFCIP-2 mode selection and initial communication in the selected modes. The Test Management Service Data Units and the interface over which they are exchanged are out of scope.

2   Conformance

Conforming implementations pass the tests in Clause 6 using the test environment and apparatus as specified in Clause 5.

3   Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 9646, *Information technology — Open Systems Interconnection — Conformance testing methodology and framework*

ISO/IEC 10373-6, *Identification cards — Test methods — Part 6: Proximity cards*

ISO/IEC 10373-7, *Identification cards — Test methods — Part 7: Vicinity cards*

ISO/IEC 14443-3, *Identification cards — Contactless integrated circuit cards — Proximity cards — Part 3: Initialization and anticollision*

ISO/IEC 18092:2013, *Information technology — Telecommunications and information exchange between systems — Near Field Communication — Interface and Protocol (NFCIP-1)* (also published by Ecma as Standard ECMA-340)

ISO/IEC 21481:2012, *Information technology — Telecommunications and information exchange between systems — Near Field Communication Interface and Protocol -2 (NFCIP-2)* (also published by Ecma as Standard ECMA-352)

ISO/IEC 22536:2013, *Information technology — Telecommunications and information exchange between systems — Near Field Communication Interface and Protocol (NFCIP-1) — RF interface test methods* (also published by Ecma as Standard ECMA-356)

ISO/IEC 23917:2005, *Information technology — Telecommunications and information exchange between systems — NFCIP-1 — Protocol Test Methods* (also published by Ecma as Standard ECMA-362)

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