

Australian Standard[®]

**Information technology—Automatic
identification and data capture
techniques—Radio frequency
identification device performance test
methods**



This Australian Standard® was prepared by Committee IT-034, Automatic Identification and Data Capture Techniques. It was approved on behalf of the Council of Standards Australia on 15 November 2006.

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The following are represented on Committee IT-034:

- Australian Custom Service
 - Australian Data Capture Association
 - Australian Electrical and Electronic Manufacturers Association
 - Australian Retailers Association
 - Australian Veterinary Association
 - Department of Communications, Information Technology and the Arts
 - Department of Defence
 - Department of Primary Industries, Vic
 - GS1 Australia
 - RFID Association of Australia
 - The University of Adelaide
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PREFACE

This Standard was prepared by the Standards Australia Committee IT-034, Automatic Identification and Data Capture Techniques.

The objective of this Standard is to provide test method guidelines for performance characteristics of radio frequency identification (RFID) devices (tags and interrogation equipment) for item management, and to specify the general requirements and test requirements for tag and interrogator performance which are applicable to the selection of the devices for an application.

This Standard is identical with, and has been reproduced from ISO/IEC 18046:2006, *Information technology—Automatic identification and data capture techniques—Radio frequency identification device performance test methods*.

As this Standard is reproduced from an international standard, the following applies:

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18000-2 Part 2: Parameters for air interface communications below 135 kHz	18000.2 Part 2: Parameters for air interface communications below 135 kHz
18000-3 Part 3: Parameters for air interface communications at 13,56 MHz	18000.3 Part 3: Parameters for air interface communications at 13.56 MHz
18000-4 Part 4: Parameters for air interface communications at 2,45 GHz	18000.4 Part 4: Parameters for air interface communications at 2.45 GHz
18000-6 Part 6: Parameters for air interface communications at 860 MHz to 960 MHz	18000.6 Part 6: Parameters for air interface communications at 860 MHz to 960 MHz
18000-7 Part 7: Parameters for active air interface communications at 433 MHz	18000.7 Part 7: Parameters for active air interface communications at 433 MHz
19762-3 Information technology—Automatic identification and data capture (AIDC) techniques—Harmonized vocabulary—Part 3: Radio frequency identification (RFID)	19762.3 Information technology—Automatic identification and data capture (AIDC) techniques—Harmonized vocabulary—Part 3: Radio frequency identification (RFID)

The terms ‘normative’ and ‘informative’ are used to define the application of the annex to which they apply. A normative annex is an integral part of a standard, whereas an informative annex is only for information and guidance.

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