AS/NZS CISPR 11:2004
CISPR 11:2003

Australian/New Zealand Standard™

Industrial, scientific and medical (ISM) radio-frequency equipment—Electromagnetic disturbance characteristics—Limits and methods of measurement

STANDARDS AUSTRALIA

STANDARDS NEW ZEALAND
Paerewa Aotearoa

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-003, Electromagnetic Interference. It was approved on behalf of the Council of Standards Australia on 24 March 2004 and on behalf of the Council of Standards New Zealand on 16 April 2004. It was published on 7 June 2004.

The following are represented on Committee TE-003:

Australian Broadcasting Authority
Australian Broadcasting Corporation
Australian Chamber of Commerce and Industry
Australian Communications Authority
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
CSIRO Telecommunications and Industrial Physics
Commercial Television Australia
Department of Defence (Australia)
Electrical Compliance Testing Association
Institution of Engineers Australia
Ministry of Economic Development (New Zealand)
SingTel Optus
Society of Automotive Engineers—Australasia
Telstra Corporation
University of Western Australia
Wireless Institute Australia

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 04082.

Australian/New Zealand Standard™

Industrial, scientific and medical (ISM) radio-frequency equipment—Electromagnetic disturbance characteristics—Limits and methods of measurement

Originated as part of AS 2064—1977.
Previous edition AS/NZS CISPR 11:2002.
Second edition 2004.

Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 5999 8

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interference to supersede AS/NZS CISPR 11:2002.

This Standard is identical with, and has been reproduced from, CISPR 11:2003, *Industrial, scientific and medical (ISM) radio-frequency equipment—Electromagnetic disturbance characteristics—Limits and methods of measurement*.

The objective of this Standard is to identify limits and methods of measurement of electromagnetic disturbance characteristics in ISM radio frequency equipment.

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.

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

(a) Its number appears on the cover and title page while the international standard number appears only on the cover.

(b) In the source text ‘this International Standard’ should read ‘this Australian/New Zealand Standard’.

(c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
CISPR		AS/NZS CISPR	
15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	15	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
16	Specification for radio disturbance and immunity measuring apparatus and methods	16	Specification for radio disturbance and immunity measuring apparatus and methods
16-1	Part 1: Radio disturbance and immunity measuring apparatus	16.1	Part 1: Radio disturbance and immunity measuring apparatus
16-2	Part 2: Methods of measurement of disturbances and immunity	16.2	Part 2: Methods of measurement of disturbances and immunity
CISPR		AS/NZS	
19	Guidance on the use of the substitution method for measurements of radiation from microwave ovens for frequencies above 1 GHz	4052	Guidance on the use of the substitution method for measurements of radiation from microwave ovens for frequencies above 1 GHz
IEC		AS/NZS	
60974-10	Arc welding equipment—Part 10: Electromagnetic compatibility (EMC) requirements	4713	Arc welding equipment, Part 10: Electromagnetic compatibility (EMC) requirements

CONTENTS

Page