AS/NZS CISPR 16.1:2002
CISPR 16-1:1999

Australian/New Zealand Standard™

Specification for radio disturbance and immunity measuring apparatus and methods

Part 1: Radio disturbance and immunity measuring apparatus

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 23 August 2002 and on behalf of the Council of Standards New Zealand on 20 August 2002. It was published on 18 September 2002.

The following are represented on Committee TE-003:

Australian Broadcasting Authority
Australian Chamber of Commerce and Industry
Australian Communications Authority
Australian Competent Bodies Association Secretariat
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Australian Subscription Television and Radio Association
Cable & Wireless Optus
Commonwealth Scientific and Industrial Research Organization
Consumer Electronics Suppliers Association
Department of Defence, Australia
Electrical Compliance Testing Association
Federation of Australian Commercial TV Stations
Institution of Engineers, Australia
Ministry of Economic Development, New Zealand
Society of Automotive Engineers, Australia
Telstra Corporation
The IREE Society
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 Standards may also be withdrawn.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 Australia web site 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 00315.

Australian/New Zealand Standard™

Specification for radio disturbance and immunity measuring apparatus and methods

Part 1: Radio disturbance and immunity measuring apparatus

Originated in Australia in part as AS C348.1—1962 and
AS C348.2—1962.
Previous edition AS/NZS 1052.1:1995.
Jointly revised and redesignated as AS/NZS CISPR 16.1:2002.

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 4802 3

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interference, to supersede AS/NZS 1052.1:1995, *Specification for radio disturbance and immunity measuring apparatus and methods—Radio disturbance and immunity measuring apparatus*.

The objective of this Standard is to specify characteristics and performance of equipment relating to the measurement of radio disturbance voltages, currents and fields in the frequency range 9 kHz to 18 GHz. Requirements for specialized equipment for discontinuous disturbance measurements and the measurement requirements of broadband and narrowband types of radio disturbance are included.

This Standard is identical with and has been reproduced from CISPR 16-1:1999-10, *Specification for radio disturbance and immunity measuring apparatus and methods*, Part 1: *Radio disturbance and immunity measuring apparatus*.

This Standard should be read in conjunction with AS/NZS CISPR 16.2.

In this Standard, the following print types are used:

– requirements proper: in arial type;

– *test specifications: in italic type;*

– explanatory matter: in smaller arial type.

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

(a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.

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

(c) A full point should be substituted for a comma when referring to a decimal marker.

The terms ‘normative’ and ‘informative’ have been used in this Standard 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.

CONTENTS

Page