

AS/NZS 1052.1:1995
IEC/CISPR 16-1:1993

Australian/New Zealand Standard[®]

**Specification for radio disturbance
and immunity measuring apparatus
and methods**

**Part 1: Radio disturbance and
immunity measuring apparatus**

AS/NZS 1052.1:1995

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE/3, Electromagnetic Interference. It was approved on behalf of the Council of Standards Australia on 6 September 1995 and on behalf of the Council of Standards New Zealand on 18 September 1995. It was published on 5 December 1995.

The following interests are represented on Committee TE/3:

Association of New Zealand Electrical Appliance Distributors
Australian Broadcasting Corporation
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Australian Telecommunications Authority
Consumer Electronics Suppliers Association, Australia
CSIRO—Division of Applied Physics, Australia
Department of Communications and the Arts, Australia
Department of Defence, Australia
Electrical Compliance Testing Association, Australia
Electricity Supply Association of Australia
Federation of Australian Commercial Television Stations
Federation of Australian Radio Broadcasters
Institute of Engineers Australia
Ministry of Commerce, Communications Division, New Zealand
National Standards Commission, Australia
Optus Communications
Society of Automotive Engineers, Australasia
Spectrum Management Agency, Australia
Telstra Corporation, Australia
Wireless Institute of Australia

Review of Standards. To keep abreast of progress in industry, Joint Australian/New Zealand Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Joint Standards and related publications will be found in the Standards Australia and Standards New Zealand Catalogue of Publications; this information is supplemented each month by the magazines 'The Australian Standard' and 'Standards New Zealand', which subscribing members receive, and which give details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Joint Standards, addressed to the head office of either Standards Australia or Standards New Zealand, are welcomed. Notification of any inaccuracy or ambiguity found in a Joint Australian/New Zealand Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

AS/NZS 1052.1:1995

Australian/New Zealand Standard[®]

**Specification for radio disturbance
and immunity measuring apparatus
and methods**

**Part 1: Radio disturbance and
immunity measuring apparatus**

PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA
1 The Crescent,
Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND
Level 10, Standards House,
155 The Terrace,
Wellington 6001 New Zealand

ISBN 0 7337 0118 3

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/3 on Electromagnetic Interference. It is one of a series of Standards intended to facilitate control of electromagnetic interference and the compatibility of electrical and electronic equipment.

It is identical with and has been reproduced from IEC/CISPR 16-1 *Specification for radio disturbance and immunity measuring apparatus and methods*, Part 1: *Radio disturbance and immunity measuring apparatus*, being published as the first part of a multipart Standard intended to replace IEC/CISPR 16.

This joint Standard adopts the first part of that multipart IEC/CISPR Standard, and is intended to replace AS/NZS 1052:1992. However, AS/NZS 1052:1992 will remain in publication until such time that progress on the further development of the multipart Standard provides adequate coverage to allow its withdrawal. Until AS/NZS 1052:1992 is withdrawn, this part should be read in conjunction with it.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

Statements expressed in mandatory terms in notes, tables and figures are deemed to be requirements of this Standard.

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 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 equivalent Australian or Joint Australian/New Zealand Standards as follows:

<i>Reference to International Standard or other publication</i>		<i>Australian or Joint Australian/New Zealand Standard</i>	
CISPR		AS/NZS	
16	Specification for radio disturbance and immunity measuring apparatus and methods	—	
16-2	Part 2: Methods of disturbance and immunity measurements (to be published)	—	
16-3	Part 3: (under consideration)	—	
IEC		AS	
50	International Electrotechnical Vocabulary	—	
50(161)	Chapter 161: Electromagnetic compatibility	—	
315	Methods of measurement on radio receivers for various classes of emissions	2909	Methods of measurement on radio receivers for various classes of emissions
315-3	Part 3: Receivers for amplitude-modulated sound-broadcasting emissions	—	

iii

IEC		AS	
315-4	Radio frequency measurement on receivers for frequency modulated sound broadcasting emissions	2909.4	Radio-frequency measurement on receivers for frequency-modulated sound broadcasting emissions
ITU			
CCIR 468-4	Measurement of audio frequency noise voltage level in sound broadcasting	—	
CCITT	Blue Book, Volume 5: Recommendation P.53 Psophometers (apparatus for the objective measurement of circuit noise)	—	

© Copyright — STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Users of Standards are reminded that copyright subsists in all Standards Australia and Standards New Zealand publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia or Standards New Zealand may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia or Standards New Zealand. Permission may be conditional on an appropriate royalty payment. Australian requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia. New Zealand requests should be directed to Standards New Zealand.

Up to 10 percent of the technical content pages of a Standard may be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia or Standards New Zealand.

Inclusion of copyright material in computer software programs is also permitted without royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia or Standards New Zealand at any time.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-