AS/NZS 4053:1997
(Incorporating Amendment No. 1)
IEC/CISPR 20:1996
IEC/CISPR 20:1996 Amendment 1:1997
IEC/CISPR 20:1996 Amendment 2:1997

Australian/New Zealand Standard™

Limits and methods of measurement of immunity characteristics of sound and television broadcast receivers and associated equipment

Standards Australia

STANDARDS NEW ZEALAND
Paerewa Aotearoa

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 19 November 1996 and on behalf of the Council of Standards New Zealand on 30 October 1996. It was published on 5 February 1997.

The following interests are represented on Committee TE/3:

Association of Consulting Engineers, Australia
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 Telecommunication Authority
Consumer Electronics Suppliers Association, Australia
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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.

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Limits and methods of measurement of immunity characteristics of sound and television broadcast receivers and associated equipment

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/3 on Electromagnetic Interference. It is identical with and has been reproduced from IEC/CISPR 20:1996, *Limits and methods of measurement of immunity characteristics of sound and television broadcast receivers and associated equipment*, prepared by CISPR Sub-Committee E. This Standard supersedes AS/NZS 4053:1992 of the same title.

This Standard incorporates Amendment No. 1 (May 2000). The changes arising from the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

The objective of this Standard is to provide the manufacturers and designers of television receivers and associated equipment with methods of measurement and limits with regard to their immunity characteristics to interfering signals.

This Standard contains clarification of Australian and New Zealand broadcasting requirements with respect to tables and test method applications. Where the text of CISPR 20:1996 has been varied technically to accommodate Australian and New Zealand different or additional requirements, it is indicated by double vertical lines in the left-hand margin against the clause affected. Australian and New Zealand variations to CISPR 20:1996 are given in Annex ZZ at the end of this publication.

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

The term ‘normative’ has been used in this Standard to define the application of the annex to which it applies. A ‘normative’ annex is an integral part of a Standard.

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

Reference to International Standard or other Publication		*Australian/New Zealand Standard*	
CISPR		AS/NZS	
13	Limits and methods of measurement of radio interference characteristics of sound and television broadcast receivers and associated equipment	1053	Limits and methods of measurement of radio interference characteristics of sound and television broadcast receivers and associated equipment
16	CISPR specification for radio interference measuring apparatus and measurement methods	1052	CISPR specification for radio interference measuring apparatus and measurement methods
16	Specification for radio disturbance and immunity measuring apparatus and methods	1052	Specification for radio disturbance and immunity measuring apparatus and methods
16.1	Radio disturbance and immunity measuring apparatus	1052.1	Radio disturbance and immunity measuring apparatus
50	International Electrotechnical Vocabulary	1852	International Electrotechnical Vocabulary
50(161)	Electromagnetic compatibility	—	
CISPR		AS/NZS	
94	Magnetic tape sound recording and reproducing systems	3871	Magnetic tape sound recording and reproducing systems
94-2	Part 2: Calibration tapes	3871.2	Calibration tapes

IEC		AS	
96	Radio-frequency cables	—	
96-1	Part 1: General requirements and measuring methods (including Amendment No. 2 (1993))		
98	Analogue audio disk records and reproducing equipment	1127.8	Analogue audio disk records and reproducing equipment
CCIR	Recommendation 471 Nomenclature and description of colour bar signals	—	
	Recommendation 500 Methods for the subjective assessment of the quality of television pictures	—	