AS/NZS 2064:1997
IEC CISPR 11:1992
IEC CISPR 11:1992/Amd 1:1996
IEC CISPR 11:1992/Amd 2:1996

Australian/New Zealand Standard®

Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific and medical (ISM) radiofrequency equipment

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
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/3 on Electromagnetic Interference as one of a series of Standards intended to facilitate control of electromagnetic interference and the compatibility of electrical and electronic equipment. It is equivalent to and has been reproduced from IEC/CISPR 11 (1990), *Limits and methods of measurement of electromagnetic disturbance characteristics of industrial, scientific and medical (ISM) radio-frequency equipment*, prepared by CISPR Subcommittee B and includes Amendment 1 (1996) and Amendment 2 (1996). This edition supersedes AS/NZS 2064:1992, Parts 1 and 2 of the same title.

The objective of this Standard is to provide designers, manufacturers and installers of ISM equipment having radiofrequency or spark erosion operation with limits and methods of test to afford protection to the radiofrequency spectrum from radio disturbances.

The contents of the Amendments have been inserted in the body of the Standard at the appropriate places and any deletions to the original CISPR 11 as instructed by the amendments have been removed. This Standard now reflects only current information.

Additional Australian and New Zealand requirements are contained in Annex ZZ. They include variations to accommodate local frequency allocations for ISM use and additional allocations and limits for specific safety services, namely air navigation. The application of the additional requirements to the text is indicated by a double vertical bar in the left hand margin.

Statements expressed in mandatory terms in notes 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 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	
15	Limits and methods of measurement of radio interference characteristics of fluorescent lamps and luminaires	4051	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
16	CISPR specification for radio interference measuring apparatus and measurement methods	1052	Specification for radio disturbance and immunity measuring apparatus and methods
16.1	Part 1: Radio disturbance and immunity measuring apparatus	1052.1	Part 1: Radio disturbance and immunity measuring apparatus
16.2	Part 2: Methods of measurements of disturbances and immunity	—	
19	Guidance on the use of the substitution method for measurement of radiation from microwave ovens for frequencies above 1 GHz	4052	Guidance on the use of the substitution method for measurement of radiation from microwave ovens for frequencies above 1 GHz

CISPR		AS/NZS	
20	Limits and methods of measurement of immunity characteristics of sound and television broadcast receivers and associated equipment	4053	Limits and methods of measurement of immunity characteristics of sound and television broadcast receivers and associated equipment
IEC		AS	
50	International Electrotechnical Vocabulary	1852	International Electrotechnical Vocabulary
50(161)	Electromagnetic compatibility	—	
83	Plugs and socket-outlets for domestic and similar general use standards	3112	Approval and test specification—Plugs and socket-outlets
150	Testing and calibration of ultrasonic therapeutic equipment	—	
801	Electromagnetic compatibility for industrial-process measurement and control equipment	—	