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(Incorporating Amendment No. 1)

AS CISPR 24:2013



Information technology equipment— Immunity characteristics—Limits and methods of measurement



This Australian Standard® was prepared by Committee TE-003, Electromagnetic Interference. It was approved on behalf of the Council of Standards Australia on 22 May 2013.

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The following are represented on Committee TE-003:

- Australian Broadcasting Corporation
 - Australian Communications and Media Authority
 - Australian Industry Group
 - Australian Information Industry Association
 - Consumer Electronics Suppliers Association
 - Consumers Federation of Australia
 - Curtin University of Technology
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 - Electrical Compliance Testing Association
 - Energy Networks Association
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 - Lighting Council New Zealand
 - Lighting Council of Australia
 - Ministry of Economic Development, New Zealand
 - National Measurement Institute
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This Standard was issued in draft form for comment as DR AS/NZS CISPR 24.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard[®]

**Information technology equipment—
Immunity characteristics—Limits and
methods of measurement**

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interference, to supersede AS/NZS CISPR 24:2002.

A1 | Amendment No. 1 to this Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interference, to add changes introduced by CISPR 24:2010/AMD 1:2015. As a consequence of Amendment No. 1, which is published as an Australian-only amendment, the designation of this Standard has been changed from AS/NZS CISPR 24:2013 to AS CISPR 24:2013.

A1 | The objective of this Standard is to establish requirements that will provide an adequate level of intrinsic immunity so that the equipment will operate as intended in its environment. Immunity test requirements are specified for equipment in relation to continuous and transient conducted and radiated disturbances, including electrostatic discharges (ESD). This Standard includes CISPR 24 Amendment No. 1 (April 2015). The changes required by the CISPR amendment are added at the end 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 CISPR publication’ 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:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
CISPR		AS/NZS CISPR	
16	Specification for radio disturbance and immunity measuring apparatus and methods	16	Specification for radio disturbance and immunity measuring apparatus and methods
16-1-2	Part 1-2: Radio disturbance and immunity measuring apparatus—Ancillary equipment—Conducted disturbances	16.1.2	Part 1.2: Radio disturbance and immunity measuring apparatus—Ancillary equipment—Conducted disturbances
20	Sound and television broadcast receivers and associated equipment—Immunity characteristics—Limits and methods of measurement	20	Sound and television broadcast receivers and associated equipment—Immunity characteristics—Limits and methods of measure
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IEC		AS/NZS	
61000	Electromagnetic compatibility (EMC)	61000	Electromagnetic compatibility (EMC)
61000-4-2	Part 4-2: Testing and measurement techniques—Electrostatic discharge immunity test	61000.4.2	Part 4.2: Testing and measurement techniques—Electrostatic discharge immunity test
61000-4-3	Part 4-3: Testing and measurement techniques—Radiated, radio-frequency, electromagnetic field immunity test	61000.4.3	Part 4.3: Testing and measurement techniques—Radiated, radio-frequency, electromagnetic field immunity test

61000-4-4 Part 4-4: Testing and measurement techniques—Electrical fast transient/burst immunity test

IEC

61000-4-5 Part 4-5: Testing and measurement techniques—Surge immunity test
 61000-4-6 Part 4-6: Testing and measurement techniques—Immunity to conducted disturbances, induced by radio-frequency fields
 61000-4-8 Part 4-8: Testing and measurement techniques—Power frequency magnetic field immunity test

61000.4.4 Part 4.4: Testing and measurement techniques—Electrical fast transient/burst immunity test

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61000.4.5 Part 4.5: Testing and measurement techniques—Surge immunity test
 61000.4.6 Part 4.6: Testing and measurement techniques—Immunity to conducted disturbances, induced by radio-frequency fields
 61000.4.8 Part 4.8: Testing and measurement techniques—Power frequency magnetic field immunity test

Only international references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

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.

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