

Australian/New Zealand Standard™

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

**Part 1.3: Radio disturbance and
immunity measuring apparatus—
Ancillary equipment—Disturbance
power**

AS/NZS CISPR 16.1.3:2004

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RECONFIRMATION

OF

AS/NZS CISPR 16.1.3:2004

Specification for radio disturbance and immunity measuring apparatus and methods

Part 1.3: Radio disturbance and immunity measuring apparatus—Ancillary equipment—Disturbance power

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NOTES

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interference.

This Standard is identical with, and has been reproduced from, CISPR 16-1-3, Ed.2 (2004) *Specification for radio disturbance and immunity measuring apparatus and methods—Part 1.3: Radio disturbance and immunity measuring apparatus—Ancillary equipment—Disturbance power*.

The objective of this Standard is to provide the electrotechnology (Electromagnetic Interference) industry with a set of measuring and testing procedures published as a series of CISPR 16 specifications for radio disturbance and immunity measuring apparatus and methods.

This Standard is Part 1.3 of AS/NZS CISPR 16.1, *Specification for radio disturbance and immunity measuring apparatus and methods*, which consists of the following:

Part 1.1: Radio disturbance and immunity measuring apparatus—Measuring apparatus

Part 1.2: Radio disturbance and immunity measuring apparatus—Conducted disturbances

Part 1.3: Radio disturbance and immunity measuring apparatus—Disturbance power (this Standard)

Part 1.4: Radio disturbance and immunity measuring apparatus—Radiated disturbance

Part 1.5: Radio disturbance and immunity measuring apparatus—Antenna calibration test sites for 30 MHz to 1000 MHz

The terms ‘normative’ and ‘informative’ are used 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.

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- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
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<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—Conducted disturbances	16.1.2	Part 1.2: Radio disturbance and immunity measuring apparatus—Conducted disturbances
16-2-2	Part 2-2: Methods of measurement of immunity and disturbance—Measurement of disturbance power	16.2.2	Part 2.2: Methods of measurement of immunity and disturbance—Measurement of disturbance power
16-4-2	Part 4-2: Uncertainties, statistics and limit modelling—Uncertainty in EMC measurements	16.4.2	Part 4.2: Uncertainties, statistics and limit modelling—Uncertainty in EMC measurements

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Australian/New Zealand Standard**Specification for radio disturbance and immunity measuring apparatus
and methods****Part 1.3: Radio disturbance and immunity measuring apparatus—Ancillary
equipment—Disturbance power**

1 Scope

This part of CISPR 16 is designated a basic standard, which specifies the characteristics and calibration of the absorbing clamp for the measurement of radio disturbance power in the frequency range 30 MHz to 1 GHz.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CISPR 16-1-2:2003, *Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-2: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Conducted disturbances*

CISPR 16-2-2:2003, *Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-2: Methods of measurement of disturbances and immunity – Measurement of disturbance power*

CISPR 16-4-2, *Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics and limit modelling – Uncertainty in EMC measurements*

IEC 60050-161:1990, *International Electrotechnical Vocabulary (IEV) – Chapter 161: Electromagnetic compatibility*
Amendment 1 (1997)
Amendment 2 (1998)

3 Terms, definitions and abbreviations**3.1 Terms and definitions**

See IEC 60050-161, where applicable.

3.2 Abbreviations

ACA Absorbing clamp assembly
ACMM Absorbing clamp measurement method
ACRS Absorbing clamp reference site