AS CISPR 16.3:2013

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CISPR/TR 16-3, Ed. 3.1 (2012)
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CISPR/TR 16-3:2004/AMD 2:2015
(Incorporating Amendment No. 1)

Australian STANDARD

Specification for radio disturbance and immunity measuring apparatus and methods

Part 3: CISPR technical reports

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This Standard was issued in draft form for comment as DR AS/NZS CISPR 16.3.

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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AS CISPR 16.3:2013
(Incorporating Amendment No. 1)

Australian Standard®

Specification for radio disturbance and immunity measuring apparatus and methods

Part 3: CISPR technical reports

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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 16.3:2004.

A1 This Standard incorporates Australian Amendment No. 1, which was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interference to add changes introduced by CISPR/TR 16-3:2004/AMD 2:2015. 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 16.3:2013 to AS CISPR 16.3:2013.

The objective of this Standard is to provide background and supporting information for the various other parts in the (AS/NZS) CISPR 16 series, including a historical reference on the measurement of interference power from household and similar appliances in the VHF range.

This Standard is identical with, and has been reproduced from, CISPR/TR 16-3, Ed. 3.1 (2012), *Specification for radio disturbance and immunity measuring apparatus and methods*—Part 3: *CISPR technical reports.* Edition 3.1 of CISPR/TR 16-3 incorporates Amendment 1 (2012). The amendments
A1 are indicated by marginal bars. This Standard includes CISPR/TR 16-3 Amendment No. 2 (September 2015). The changes required by Amendment No. 2 are added at the end of this Standard.

As this Standard is reproduced from an International Standard, the following applies:

(a) In the source text 'this part of CISPR 16' should read 'this Australian/New Zealand Standard'.

(b) 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:

Reference to International Standard		*Australian/New Zealand Standard*	
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
16-1-1	Part 1-1: Radio disturbance and immunity measuring apparatus—Measuring apparatus	16.1.1	Part 1.1: Radio disturbance and immunity measuring apparatus—Measuring apparatus

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

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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AUSTRALIAN STANDARD

Specification for radio disturbance and immunity measuring apparatus and methods

Part 3:
CISPR technical reports

1 Scope

This part of CISPR 16 is a collection of technical reports (Clause 4) that serve as background and supporting information for the various other standards and technical reports in CISPR 16 series. In addition, background information is provided on the history of CISPR, as well as a historical reference on the measurement of interference power from household and similar appliances in the VHF range (Clause 5).

Over the years, CISPR prepared a number of recommendations and reports that have significant technical merit but were not generally available. Reports and recommendations were for some time published in CISPR 7 and CISPR 8.

At its meeting in Campinas, Brazil, in 1988, CISPR subcommittee A agreed on the table of contents of Part 3, and to publish the reports for posterity by giving the reports a permanent place in Part 3.

With the reorganization of CISPR 16 in 2003, the significance of CISPR limits material was moved to CISPR 16-4-3, whereas recommendations on statistics of disturbance complaints and on the report on the determination of limits were moved to CISPR 16-4-4. The contents of Amendment 1 (2002) of CISPR 16-3 were moved to CISPR 16-4-1.

NOTE As a consolidated collection of independent technical reports, this document may contain symbols that have differing meanings from one clause to the next. Attempts have been made to minimize this to the extent possible at the time of editing.

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 11:2009, *Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement*

CISPR 16-1-1, *Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus*

IEC 60050-161:1990, *International Electrotechnical Vocabulary (IEV) – Chapter 161: Electromagnetic compatibility*

IEC 60050-300:2001, *International Electrotechnical Vocabulary (IEV) – Electrical and electronic measurements and measuring instruments – Part 311: General terms relating to measurements – Part 312: General terms relating to electrical measurements – Part 313: Types of electrical measuring instruments – Part 314: Specific terms according to the type of instrument*

ISO/IEC Guide 99:2007, *International vocabulary of metrology – Basic and general concepts and associated terms (VIM)*

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