Australian/New Zealand Standard

Electromagnetic compatibility of multimedia equipment—Emission requirements

Superseding AS/NZS CISPR 32:2013
This joint Australian/New Zealand standard was prepared by joint Technical Committee TE-003, Electromagnetic Compatibility. It was approved on behalf of the Council of Standards Australia on 26 October 2015 and on behalf of the Council of Standards New Zealand on 22 October 2015.

This standard was published on 16 December 2015.

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This standard was issued in draft form for comment as DR AS/NZS CISPR 32:2015.
Australian/New Zealand Standard

Electromagnetic compatibility of multimedia equipment—Emission requirements

Originated as AS/NZS CISPR 32:2013.

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Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, Private Bag 2439, Wellington 6140.

ISBN (Print) 978-1-77664-308-0
ISBN (PDF) 978-1-77664-309-7
PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Compatibility, to supersede AS/NZS CISPR 32:2013.

The objective of this Standard is to establish requirements which provide an adequate level of protection of the radio spectrum, allowing radio services to operate as intended, and to specify procedures to ensure the reproducibility of measurement and the repeatability of results.

This Standard is identical with, and has been reproduced from CISPR 32, Ed. 2.0 (2015), *Electromagnetic compatibility of multimedia equipment—Emission requirements*.

The principal differences between this and the previous edition are as follows:

(a) Additional requirements using a FAR.
(b) Additional requirements for outdoor unit of home satellite receiving systems.
(c) Addition of new informative annexes covering GTEM and RVC.
(d) Numerous maintenance items to improve the testing of MME.

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

(i) In the source text ‘this International Standard’ should read ‘this Australian/New Zealand Standard’.

(ii) 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:

<table>
<thead>
<tr>
<th>Reference to International Standard</th>
<th>Australian/New Zealand Standard</th>
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<tr>
<td>CISPR 16</td>
<td>AS/NZS CISPR</td>
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<tr>
<td>Specification for radio disturbance and immunity measuring apparatus and methods</td>
<td>Specification for radio disturbance and immunity measuring apparatus and methods</td>
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Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The terms ‘normative’ and ‘informative’ are used to define the application of the annexes 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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1 Scope

NOTE  Blue coloured text within this document indicates text that will be aligned with the future MME immunity publication CISPR 35.

This International Standard applies to multimedia equipment (MME) as defined in 3.1.24 and having a rated r.m.s. AC or DC supply voltage not exceeding 600 V.

Equipment within the scope of CISPR 13 or CISPR 22 is within the scope of this publication.

MME intended primarily for professional use is within the scope of this publication.

The radiated emission requirements in this standard are not intended to be applicable to the intentional transmissions from a radio transmitter as defined by the ITU, nor to any spurious emissions related to these intentional transmissions.

Equipment, for which emission requirements in the frequency range covered by this publication are explicitly formulated in other CISPR publications (except CISPR 13 and CISPR 22), are excluded from the scope of this publication.

In-situ testing is outside the scope of this publication.

This publication covers two classes of MME (Class A and Class B). The MME classes are specified in Clause 4.

The objectives of this publication are:

1) to establish requirements which provide an adequate level of protection of the radio spectrum, allowing radio services to operate as intended in the frequency range 9 kHz to 400 GHz;

2) to specify procedures to ensure the reproducibility of measurement and the repeatability of results.

2 Normative references

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

CISPR 16-1-1:2010/AMD1:2010