

AS/NZS CISPR 16.1.4:2020
CISPR 16-1-4:2019
CISPR 16-1-4:2019/AMD 1:2020
CISPR 16-1-4:2019/AMD 2:2023
(Incorporating Amendments up to and including No. 2)



Australian/New Zealand Standard™

Specification for radio disturbance and immunity measuring apparatus and methods

**Part 1.4: Radio disturbance and immunity measuring apparatus —
Antennas and test sites for radiated disturbance measurements (CISPR
16-1-4:2019 (ED 4.0) MOD)**



AS/NZS CISPR 16.1.4:2020

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 30 July 2020 and by the New Zealand Standards Approval Board on 2 September 2020.

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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
- Department of Defence (Australian Government)
- Electrical Compliance Testing Association of Australia
- EMC Society of Australia
- Energy Networks Australia
- Engineers Australia
- Free TV Australia
- Lighting Council New Zealand
- Ministry of Business, Innovation and Employment (NZ)
- National Measurement Institute
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This Standard was issued in draft form for comment as DR AS/NZS CISPR 16.1.4:2020.

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Compatibility, to supersede AS/NZS CISPR 16.1.4:2013, *Specification for radio disturbance and immunity measuring apparatus and methods, Part 1.4: Radio disturbance and immunity measuring apparatus — Antennas and test sites for radiated disturbance measurements*.

A2 This Standard incorporates Amendment No. 1 (November 2021) and Amendment No. 2 (May 2024). The start and end of changes introduced by the Amendment are indicated in the text by tags including the Amendment number 2. **A2**

The objective of this document is to specify the characteristics and performance of equipment for the measurement of radiated disturbances in the frequency range 9 kHz to 18 GHz. Specifications for antennas and test sites are included.

The requirements of this document apply at all frequencies and for all levels of radiated disturbances within the CISPR indicating range of the measuring equipment.

Methods of measurement are covered in AS/NZS CISPR 16.2.3, further information on radio disturbance is given in AS/NZS CISPR 16.3, and uncertainties, statistics and limit modelling are covered in sub-parts of AS/NZS CISPR 16.4.

A2 This document is an adoption with national modifications, and has been reproduced from CISPR 16-1-4:2019, *Specification for radio disturbance and immunity measuring apparatus and methods — Part 1-4: Radio disturbance and immunity measuring apparatus and methods — Part 1-4: Radio disturbance and immunity measuring apparatus — Antennas and test sites for radiated disturbance measurements* and its Amendment No. 1 (2020) and Amendment No. 2 (2023) which have been consolidated into the document. The modifications are additional requirements and are set out in Appendix ZZ, which has also been added at the end of the source text. **A2**

[Appendix ZZ](#) lists the variations to the normative references list for the application of this Standard in Australia and New Zealand.

This document is structured as follows:

- (a) Preface.
- (b) CISPR 16-1-4:2019 (unedited from the contents page to the final clause of the source document).
- (c) Appendix ZZ—Australian/New Zealand variations to the source document.

As this document has been reproduced from an International Standard, the following applies:

- (i) In the source text “this part of CISPR 16” should read “this document”.
- (ii) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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