

Australian/New Zealand Standard™

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

**Part 4.2: Uncertainties, statistics and
limit modelling—Measurement
instrumentation uncertainty**



AS/NZS CISPR 16.4.2:2013

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This Standard was issued in draft form for comment as DR AS/NZS CISPR 16.4.2.

AS/NZS CISPR 16.4.2:2013

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Specification for radio disturbance and immunity measuring apparatus and methods

Part 4.2: Uncertainties, statistics and limit modelling—Measurement instrumentation uncertainty

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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 16.4.2:2004.

The objective of this Standard is to specify the method of applying Measurement Instrumentation Uncertainty (MIU) to determine compliance with CISPR disturbance limits. The material is also relevant to any EMC test when interpretation of the results and conclusions reached will be impacted by the uncertainty of the measurement instrumentation used during testing.

This Standard is identical with, and has been reproduced from, CISPR 16-4-2, Ed. 2.0 (2011), *Specification for radio disturbance and immunity measuring apparatus and methods—Part 4-2: Uncertainties, statistics and limit modelling—Measurement instrumentation uncertainty*.

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11 Industrial, scientific and medical equipment—Radio-frequency disturbance characteristics—Limits and methods of measurement	11 Industrial, scientific and medical equipment—Radio-frequency disturbance characteristics—Limits and methods of measurement
12 Vehicles, boats and internal combustion engines—Radio disturbance characteristics—Limits and methods of measurement for the protection of off-board receivers	12 Vehicles, boats and internal combustion engines—Radio disturbance characteristics—Limits and methods of measurement for the protection of off-board receivers
13 Sound and television broadcast receivers and associated equipment—Radio disturbance characteristics—Limits and methods of measurement	13 Sound and television broadcast receivers and associated equipment—Radio disturbance characteristics—Limits and methods of measurement
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The term 'informative' has been used in this Standard to define the application of the appendix to which it applies. An 'informative' appendix is only for information and guidance.

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