

Australian/New Zealand Standard™

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

**Part 4.2: Uncertainties, statistics and  
limit modelling—Uncertainty in EMC  
measurements**

#### **AS/NZS CISPR 16.4.2:2004**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-003, Electromagnetic Interference. It was approved on behalf of the Council of Standards Australia on 24 March 2004 and on behalf of the Council of Standards New Zealand on 16 April 2004. It was published on 2 June 2004.

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

### **Part 4.2: Uncertainties, statistics and limit modelling—Uncertainty in EMC measurements**

First published as AS/NZS CISPR 16.4.2:2004.

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Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 5995 5

## 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 16-4-2:2003, *Specification for radio disturbance and immunity measuring apparatus and methods*, Part 4.2: *Uncertainties, statistics and limit modelling—Uncertainty in EMC measurements*.

The objective of this Standard is to specify the manner in which measurement uncertainty is to be taken in to account in determining compliance with CISPR limits.

This Standard is Part 4.2 of AS/NZS CISPR 16.4, *Specification for radio disturbance and immunity measuring apparatus and methods*, which consists of the following:

Part 4.1: Uncertainties, statistics and limit modelling—Uncertainties in standardized EMC tests

Part 4.2: Uncertainties, statistics and limit modelling—Uncertainty in EMC measurements (this Standard)

Part 4.3: Uncertainties, statistics and limit modelling—Statistical considerations in the determination of EMC compliance of mass-produced products

Part 4.4: Uncertainties, statistics and limit modelling—Statistics of complaints and a model for the calculation of limits

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