

## Australian/New Zealand Standard™

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

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



### **AS/NZS CISPR 16.4.1:2006**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-003, Electromagnetic Interferences. It was approved on behalf of the Council of Standards Australia on 10 April 2006 and on behalf of the Council of Standards New Zealand on 19 May 2006.

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

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

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interferences to supersede AS/NZS CISPR 16.4.1:2004.

This Standard is identical with, and has been reproduced from CISPR 16-4-1:2005, *Specification for radio disturbance and immunity measuring apparatus and methods—Part 4.1: Uncertainties, statistics and limit modelling—Uncertainties in standardized EMC tests*.

The objective of this Standard is to specify guidance on the treatment of uncertainties to those who are involved in the development or modification of CISPR electromagnetic compatibility (EMC) standards.

This Standard is Part 4.1 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 (this Standard)
- Part 4.2: Uncertainties, statistics and limit modelling—Uncertainty in EMC measurements
- 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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Reference to International Standard		Australian/New Zealand Standard	
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16-1-3	Part 1-3: Radio disturbance and immunity measuring apparatus—Disturbance power	16.1.3	Part 1.3: Radio disturbance and immunity measuring apparatus—Disturbance power

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