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Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

Part 4.3: Testing and measurement techniques—Radiated radio-frequency electromagnetic field immunity test

[IEC title: Electromagnetic compatibility (EMC), Part 4: Testing and measurement techniques, Section 3: Radiated radio-frequency, electromagnetic field immunity test]

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE/3, Electromagnetic Interference. It was approved on behalf of the Council of Standards Australia on 6 November 1998 and on behalf of the Council of Standards New Zealand on 12 November 1998. It was published on 5 April 1999.

The following interests are represented on Committee TE/3:

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/3, Electromagnetic Interference, as one of a series of Standards intended to facilitate control of electromagnetic interference and the compatibility of electrical and electronic equipment.

This Standard is identical with and has been reproduced from IEC 61000-4-3:1995, *Electromagnetic compatibility (EMC),* Part 4: *Testing and measurement techniques,* Section 3: *Radiated, radio-frequency, electromagnetic field immunity test*, including Amendment No.1:1998, which is bound at the back of this Standard. Text in the source document affected by the Amendment is identified by marginal bars.

The objective of this Standard is to provide designers, manufacturers, and testers of equipment with limits and methods of test for ascertaining immunity to electromagnetic disturbances.

Since January 1997, IEC has applied 60000 numbering system to its publications and has modified its database accordingly. References in IEC publications issued since January 1997 are given in terms of the 60000 series numbering, e.g. IEC 1147 is referenced as IEC 61147.

Statements expressed in mandatory terms in notes and figures are deemed to be requirements of this Standard.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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

(a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.

(b) In the source text ‘this section of IEC 1000-4’ should read ‘this Australian/New Zealand Standard’.

(c) A full point substitutes for a comma when referring to a decimal marker.

(d) In the source text ‘radio’ should read ‘radiocommunication’.

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