

AS/NZS 2772.1(Int):1998
(Expires 30 April 1999)

Interim
Australian/New Zealand Standard[®]

Radiofrequency fields

**Part 1: Maximum exposure
levels—3 kHz to 300 GHz**

AS/NZS 2772.1(Int):1998

This Interim Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE/7, Human Exposure to Electromagnetic Fields. It was approved on behalf of the Council of Standards Australia on 27 February 1998 and on behalf of the Council of Standards New Zealand on 27 February 1998. It was published on 5 March 1998.

The following interests are represented on Committee TE/7:

AirServices Australia
Australasian Faculty of Occupational Medicine
Australian Communications Authority
Australian Council of Trade Unions
Australian Electrical and Electronic Manufacturers Association
Australian Radiation Laboratory
Australian Radiation Protection Society
Australian Telecommunications Users Group
Broadcast Communications, New Zealand
Communications, Electrical Plumbing Union, Australia
Department of Communications and the Arts, Australia
Department of Defence, Australia
Electricity Supply Association of Australia
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National Occupational Health and Safety Commission, Australia
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Suggestions for improvements to Joint Standards, addressed to the head office of either Standards Australia or Standards New Zealand, are welcomed. Notification of any inaccuracy or ambiguity found in a Joint Australian/New Zealand Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 95900.

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PREFACE

This Interim Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/7, Human Exposure to Electromagnetic Fields, to supersede, in Australia, AS 2772.1—1990 and, in New Zealand, NZS 6609.1:1990, *Radiofrequency radiation, Part 1: Maximum exposure levels—100 kHz to 300 GHz*.

This Interim Standard is based on the International Radiation Protection Association (IRPA) Specific Absorption Rate (SAR) Guidelines. This edition covers an extended frequency range down to 3 kHz.

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

While this document has been the subject of public comment and has met the consensus requirements for publication, given the level of public interest in this subject Standards Australia and Standards New Zealand has decided to issue this document as an Interim Standard to allow further committee review and public comment before being finalised. The particular areas the Committee will be reviewing are as follows:

- The treatment of non-thermal effects.
- The appropriateness of proposed radiation levels which are based on current World Health Organization (WHO) recommendations.
- The proposed measurement methods of time and spatial averaging.

Standards Australia and Standards New Zealand invite comment on this Interim Standard from persons and organizations concerned with this subject. The date for expiry of comment is 5 March 1999 at which (or earlier) this Interim Standard will be confirmed, withdrawn or revised in the light of comments received.

During the life of this document the Committee will monitor all comment as it is received.

Attention is drawn to the fact that this document is an Interim Australian/ New Zealand Standard and should be regarded as a development Standard liable to future alteration.

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