



**Determination of RF field strength,
power density and SAR in the
vicinity of radiocommunication base
stations for the purpose of evaluating
human exposure**



AS IEC 62232:2018

This Australian Standard® was prepared by TE-007, Human Exposure to Electromagnetic Fields. It was approved on behalf of the Council of Standards Australia on 12 March 2018.

This Standard was published on 29 June 2018.

The following are represented on Committee TE-007:

- Australian Centre for Radiofrequency Bioeffects Research
- Australian Communications and Media Authority
- Australian Industry Group
- Australian Mobile Telecommunications Association
- Australian Radiation Protection and Nuclear Safety Agency
- Communications, Electrical and Plumbing Union (Electrical Trades Division)
- Department of Defence (Australian Government)
- Engineers Australia
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ISBN 978 1 76072 037 7



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First published as AS IEC 62232:2018.

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee TE-007, Human Exposure to Electromagnetic Fields.

The objective of this Standard is to provide methods for the determination of radio-frequency (RF) field strength, power density and specific absorption rate (SAR) in the vicinity of radiocommunication base stations (RBS) for the purpose of evaluating human exposure.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

This Standard is identical with, and has been reproduced from, IEC 62232:2017, *Determination of RF field strength, power density and SAR in the vicinity of radiocommunication base stations for the purpose of evaluating human exposure*.

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