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Interim Australian Standard[®]

**Receiving antennas for radio and
television in the VHF and UHF broadcast
bands**

**Part 1: Design, manufacture and
performance of outdoor terrestrial TV
antennas**



This Interim Australian Standard® was prepared by Committee CT-002, Broadcasting and Related Services. It was approved on behalf of the Council of Standards Australia on 17 January 2011.

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- Australian Chamber of Commerce and Industry
- Australian Communications and Media Authority
- Australian Industry Group
- Australian Information Industry Association
- Australian Subscription Television and Radio Association
- CHOICE
- Commercial Radio Australia
- Community Broadcasting Association of Australia
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Interim Standard through their representation on the Committee.

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Receiving antennas for radio and television in the VHF and UHF broadcast bands

Part 1: Design, manufacture and performance of outdoor terrestrial TV antennas

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PREFACE

This Interim Standard was prepared by the Standards Australia Committee CT-002, Broadcasting and Related Services, to supersede AS 1417.1—1987 (in part) and AS 1417.2—1991.

This Interim Standard covers the design and manufacture of antenna for reception of digital terrestrial TV transmitted in the high VHF and UHF bands. It also covers measurement procedures that may be used to determine the performance of the antenna. This part is aimed specifically at manufacturers to create products suitable for the Australian environment.

A possible future Part 2 is intended for the installation aspects of a receiving system, including the design of the mounting hardware (including masts and towers) used to support the antenna and advice on the selection of an appropriate antenna for particular reception conditions. Part 2 is intended to be aimed specifically at installers to select appropriate antenna types and mounting hardware for a particular site.

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

Standards Australia invites comments on this Interim Standard from individuals and organizations concerned with this subject. The closing date for comment on this Interim Standard is three months after publication. After the closing date for comment, the Committee will review this Interim Standard in the light of public comment with the intention of publishing as an Australian Standard shortly after the closing date. Although the expiry of this Interim Standard is two years after publication, it will be withdrawn on publication of the Australian Standard. Please forward all comments to the Project Manager of Committee CT-002.

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

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