

INTERNATIONAL STANDARD

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Digital radio mondiale (DRM) –

Part 2:

Digital radio in the bands below 30 MHz – Methods of measurement for DRM transmitters

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DIGITAL RADIO MONDIALE (DRM) –**Part 2: Digital radio in the bands below 30 MHz –
Methods of measurement for DRM transmitters**

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The text of this standard is based on the following documents:

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Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

DIGITAL RADIO MONDIALE (DRM) –

Part 2: Digital radio in the bands below 30 MHz – Methods of measurement for DRM transmitters

1 Scope

This part of IEC 62272 describes the methods of measurement to assess the performance characteristics of digital modulated radio transmitters in the bands below 30 MHz for sound and/or data broadcasting in the LF, MF and HF bands, and to facilitate the comparison of measurements which are carried out by different personnel.

It contains details of specially selected methods for determining the most important performance parameters of digital radio transmitters. The measurement methods described apply to a limited number of performance parameters, i.e. those which can give rise to ambiguous interpretation due to the use of different methods and conditions. They are neither restrictive nor mandatory: measurements can be chosen for each particular case.

The measurement methods described in this standard are intended to be used for type approval tests, quality control tests or acceptance test measurements in factories and on site.

Fewer or additional measurements may be carried out by agreement between customer and supplier. Any additional test should comply with standards which have been established by other study groups, subcommittees of the IEC or other international or suitably accredited organizations.

This standard does not specify limiting values for acceptable performance as these are usually given in the equipment specification or in requirements laid down by the responsible regulation bodies. However, some values are quoted, where appropriate, for guidance in the presentation of the results.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60244-1, *Methods of measurement for radio transmitters – Part 1: General characteristics for broadcast transmitters*

IEC 60244-15, *Methods of measurement for radio transmitters – Part 15: Amplitude-modulated transmitters for sound broadcasting*

IEC 60215, *Safety requirements for radio transmitting equipment*

ITU *Radio Regulations*

ITU-R Recommendation V.663, *Use of certain terms linked with physical quantities*