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Edition 2.0 2017-08

INTERNATIONAL STANDARD

colour inside

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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FOREWORD

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International Standard IEC 62232 has been prepared by IEC technical committee 106: Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure.

This second edition cancels and replaces the first edition published in 2011 and constitutes a technical revision.

The significant changes with respect to the previous edition are the following:

a) Increased frequency range from 110 MHz to 100 GHz (including consideration of ambient sources 100 kHz to 300 GHz);
b) product compliance – determination of compliance boundary information for an RBS product before it is placed on the market;
c) product installation compliance – determination of the total RF exposure levels before the product is put into service;