

Tootestandard üldkasutatavate käeshoitavate ja kehalekinnitatud raadiosidevahendite (30 MHz kuni 6 GHz) raadiosagedusväljade nõuetekohasuse näitamiseks

Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 50566:2013 sisaldab Euroopa standardi EN 50566:2013 ingliskeelset teksti.	This Estonian standard EVS-EN 50566:2013 consists of the English text of the European standard EN 50566:2013.
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**Product standard to demonstrate compliance of radio frequency fields
from handheld and body-mounted wireless communication devices used
by the general public (30 MHz - 6 GHz)**

Norme produit pour démontrer la
conformité des champs radiofréquence
produits par les dispositifs de
communication sans fil tenus à la main ou
portés près du corps (30 MHz - 6 GHz)

Produktnorm zum Nachweis der
Übereinstimmung von hochfrequenten
Feldern von handgehaltenen und am
Körper getragenen schnurlosen
Kommunikationsgeräten, die durch die
Allgemeinbevölkerung verwendet werden
(30 MHz bis 6 GHz)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This document (EN 50566:2013) has been prepared by CLC/TC 106X, "Electromagnetic fields in the human environment".

The following dates are fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2014-02-11
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2016-02-11

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

1 Scope

This European Standard applies to any wireless communication devices intended to be used with the radiating part in close proximity to the human body (i.e. less than 200 mm) including devices operated in front of the face. The frequency range covered is 30 MHz to 6 GHz.

The objective of this product standard is to demonstrate the compliance of such devices with the basic restrictions related to general public exposure to radio frequency electromagnetic fields.

Devices used next to the ear are covered by EN 50360.

Low power exclusion criteria are specified in EN 62479.

2 Normative references

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

EN 62209-2:2010, *Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices — Human models, instrumentation, and procedures — Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz) (IEC 62209-2:2010 + corrigendum 2010)*

EN 62479:2010, *Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz) (IEC 62479:2010, modified)*

Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz) (Official Journal L 199 of 30 July 1999)

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

basic restrictions

restrictions on exposure to time-varying electric, magnetic, and electromagnetic fields that are based directly on established health effects

Note 1 to entry: Concerning the frequency range of this standard, the physical quantity used is the Specific Absorption Rate (SAR).

3.2

wireless communication devices

equipment within the scope of this standard

Note 1 to entry: Categorisation of the devices covered by the scope of this product standard is given in Clause 3 (Terms and definitions) of EN 62209-2:2010.