



SLOVENSKI STANDARD SIST EN IEC 62232:2025

01-september-2025

Nadomešča:

SIST EN IEC 62232:2023

Določitev RF poljske jakosti, gostote moči in SAR v okolici baznih postaj za namene ocenjevanja izpostavljenosti ljudi

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

Bestimmung der HF-Feldstärke, der Leistungsdichte und der spezifischen Absorptionsrate (SAR) in der Nachbarschaft von Funkkommunikations-Basisstationen zur Ermittlung der menschlichen Exposition

Détermination de l'intensité du champ de radiofréquences, de la densité de puissance et du das à proximité des stations de base dans le but d'évaluer l'exposition humaine

Ta slovenski standard je istoveten z: EN IEC 62232:2025

ICS:

13.280	Varstvo pred sevanjem	Radiation protection
17.240	Merjenje sevanja	Radiation measurements

SIST EN IEC 62232:2025

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62232

June 2025

ICS 13.280; 17.240

Supersedes EN IEC 62232:2022

English Version

**Determination of RF field strength, power density and SAR in the
vicinity of base stations for the purpose of evaluating human
exposure
(IEC 62232:2025)**

Détermination de l'intensité du champ de radiofréquences,
de la densité de puissance et du DAS à proximité des
stations de base dans le but d'évaluer l'exposition humaine
(IEC 62232:2025)

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der spezifischen Absorptionsrate (SAR) in der
Nachbarschaft von Funkkommunikations-Basisstationen zur
Ermittlung der menschlichen Exposition
(IEC 62232:2025)

This European Standard was approved by CENELEC on 2025-06-03. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62232:2025 (E)**European foreword**

The text of document 106/626/CDV, future edition 4 of IEC 62232, prepared by TC 106 "Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62232:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-06-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-06-30 document have to be withdrawn

This document supersedes EN IEC 62232:2022 and all of its amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62232:2025 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

ISO/IEC 17025

NOTE Approved as EN ISO/IEC 17025

CISPR 16-4-2:2011

NOTE Approved as EN 55016-4-2:2011 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/IEEE 62209-1528	-	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-worn wireless communication devices - Part 1528: Human models, instrumentation and procedures (Frequency range of 4 MHz to 10 GHz)	EN IEC/IEEE 62209-1528	-
IEC 62209-3	-	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 3: Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz)	EN IEC 62209-3	-
IEC 62311	-	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz to 300 GHz)	EN IEC 62311	-
IEC 62479	-	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)	EN 62479	-
IEC/IEEE 62704-1	-	Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 1: General requirements for using the finite difference time-domain (FDTD) method for SAR calculations	-	-

EN IEC 62232:2025 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC/IEEE 62704-2	-	Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 2: Specific requirements for finite difference time domain (FDTD) modelling of exposure from vehicle mounted antennas	-	-
IEC/IEEE 62704-3	-	Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 3: Specific requirements for using the finite difference time domain (FDTD) method for SAR calculations of mobile phones	-	-
IEC/IEEE 62704-4	-	Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communication devices, 30 MHz to 6 GHz - Part 4: General requirements for using the finite element method for SAR calculations	-	-
IEC/IEEE 63195-1	-	Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 2: Computational procedure	EN IEC/IEEE 63195-1	-
IEC/IEEE 63195-2	-	Évaluation de la densité de puissance de l'exposition humaine aux champs radiofréquences provenant de dispositifs sans fil à proximité immédiate de la tête et du corps (plage de fréquences de 6 GHz à 300 GHz) - Partie 2: Procédure de calcul	EN IEC/IEEE 63195-2	-

<https://standards.iteh.ai/catalog/standards/sist/en-iec-62232-2025/170cbf5fc327/sist-en-iec-62232-2025>



IEC 62232

Edition 4.0 2025-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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SIST EN IEC 62232:2025

<https://standards.iteh.ai/catalog/standards/sist/233b8329-37c4-4391-b9a2-170cbf5fc327/sist-en-iec-62232-2025>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 13.280, 17.240

ISBN 978-2-8327-0316-8

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