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**Produktni standard za prikaz skladnosti brezžičnih komunikacijskih naprav z osnovnimi ali izvedenimi mejnimi vrednostmi v povezavi z izpostavljenostjo prebivalstva elektromagnetnim sevanjem v frekvenčnem območju od 300 MHz do 6 GHz: naprave, ki se uporabljajo v bližini ušesa**

Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear

**ITeH STANDARD PREVIEW**

**(standards.iteh.ai)**

Produktnorm zum Nachweis der Übereinstimmung von schnurlosen Kommunikationsgeräten mit den Basisgrenzwerten und Expositionsgrenzwerten für die Exposition von Personen gegenüber elektromagnetischen Feldern im Frequenzbereich von 300 MHz bis 6 GHz: Geräte, die in enger Nachbarschaft zum Ohr benutzt werden

Norme de produit pour démontrer la conformité des dispositifs de communication sans fil aux restrictions de base et aux valeurs limites d'exposition relatives à l'exposition des personnes aux champs électromagnétiques dans la plage de fréquences de 300 MHz à 6 GHz: dispositifs utilisés à proximité de l'oreille

**Ta slovenski standard je istoveten z: EN 50360:2017/prA1**

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**ICS:**

13.280	Varstvo pred sevanjem	Radiation protection
33.070.01	Mobilni servisi na splošno	Mobile services in general

**SIST EN 50360:2018/oprA1:2020**      **en**

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[SIST EN 50360:2018/oprA1:2020](https://standards.iteh.ai/catalog/standards/sist/fe636584-8d22-40b6-bc83-e2c206e6d194/sist-en-50360-2018-opra1-2020)

<https://standards.iteh.ai/catalog/standards/sist/fe636584-8d22-40b6-bc83-e2c206e6d194/sist-en-50360-2018-opra1-2020>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 50360:2017**

**prA1**

January 2020

ICS

English Version

Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear

Norme de produit pour démontrer la conformité des dispositifs de communication sans fil aux restrictions de base et aux valeurs limites d'exposition relatives à l'exposition des personnes aux champs électromagnétiques dans la plage de fréquences de 300 MHz

Produktnorm zum Nachweis der Übereinstimmung von schnurlosen Kommunikationsgeräten mit den Basisgrenzwerten und Expositionsgrenzwerten für die Exposition von Personen gegenüber elektromagnetischen Feldern im Frequenzbereich von 300 MHz bis 6 GHz: Geräte, die in enger Nachbarschaft zum Ohr benutzt werden

**iTeh STANDARD PREVIEW**

This draft amendment prA1, if approved, will modify the European Standard EN 50360:2017; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2020-04-03.

It has been drawn up by CLC/TC 106X. [SIST EN 50360:2018/oprA1:2020](https://standards.iteh.ai/catalog/standards/sist/fe636584-8d22-40b6-bc83-2018/oprA1:2020)  
<https://standards.iteh.ai/catalog/standards/sist/fe636584-8d22-40b6-bc83-2018/oprA1:2020>

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

This draft amendment was established by CENELEC 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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 50360:2017/prA1:2020 (E)

## European foreword

This document (EN 50360:2017/prA1:2020) has been prepared by TC 106X, "Electromagnetic fields in the human environment".

This document is currently submitted to the Enquiry/ Primary Questionnaire.

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dor + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dor + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dor + 36 months (to be confirmed or modified when voting)

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

### CLC/TC 106X Secretary's note (to be removed before publication):

The aim of this amendment is to add new SAR measurement technique that have been adopted with EN 62209-3.

## 1 Modification to the European foreword

In the 4<sup>th</sup> paragraph of the European foreword, replace 1) and 2) by:

“— The inclusion of new normative document EN IEC 62209-3:2019 and associated procedures (Clause 2, Clause 6, Clause 7 and Clause 8)”

## 2 Modification to Clause 2, “Normative references”

In Clause 2, add after the last paragraph:

“EN IEC 62209-3:2019, *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) (IEC 62209-3:2019)*”

## 3 Modifications to Clause 6, “Evaluation of compliance”

In Clause 6, replace:

“...according to EN 62209-1:2016, Clauses 5 and 6.”

by:

“...according to EN 62209-1:2016, Clauses 5 and 6, or according to EN IEC 62209-3:2019, Clauses 6 and 7.”

Add after the 2<sup>nd</sup> paragraph:

“When EN IEC 62209-3 is used, device test positions during SAR measurement to demonstrate equipment compliance shall be according to EN IEC 62209-3:2019, Clause 7:1.6.”

## 4 Modification to Clause 7, “Assessment uncertainty”

In Clause 7, add after the 1<sup>st</sup> paragraph:

“When EN IEC 62209-3:2019 is used, the uncertainty of the assessment shall be calculated and used for comparison with limits as defined in EN IEC 62209-3:2019, Clause 8.”

## 5 Modification to Clause 8, “Documentation”

In Clause 8, replace:

“...according to EN 62209-1:2016, Clause 8”

by:

“...according to EN 62209-1:2016, Clause 8, or EN IEC 62209-3:2019 Clause 9, respectively.”