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**Produktstandard för fastställande av radiobasstationers
och fasta trådlösa terminalers överensstämmelse med
de grundläggande begränsningarna och referensnivåerna
avseende exponering för elektromagnetiska fält (110 MHz - 40 GHz) –
Allmänheten**

*Product standard to demonstrate the compliance of radio base stations and fixed terminal stations
for wireless telecommunication systems with the basic restrictions or the reference levels related
to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) –
General public*

Som svensk standard gäller europastandarden EN 50385:2002. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50385:2002.

ICS 17.220.20; 33.070.01

Denna standard är fastställd av Svenska Elektriska Kommissionen, SEK,

som också kan lämna upplysningar om **sakinnehållet** i standarden.

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EUROPEAN STANDARD

EN 50385

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2002

ICS 17.220.20; 33.070.01

English version

**Product standard to demonstrate the compliance of
radio base stations and fixed terminal stations for
wireless telecommunication systems with
the basic restrictions or the reference levels related to
human exposure to radio frequency electromagnetic fields
(110 MHz - 40 GHz) –
General public**

Norme produit pour la démonstration
de la conformité des stations de base
radio et des stations terminales fixes
pour les radiotélécommunications, aux
restrictions de base et aux niveaux de
référence relatifs à l'exposition de
l'homme aux champs électromagnétiques
(110 MHz - 40 GHz) –
Application au public en général

Produktnorm zur Konformitätsüberprüfung
von Mobilfunk-Basisstationen und
stationären Teilnehmergeräten für
schnurlose Telekommunikationsanlagen
im Hinblick auf die Basisgrenz- und
Referenzwerte bezüglich der Exposition
von Personen gegenüber
elektromagnetischen Feldern
(110 MHz bis 40 GHz) –
Allgemeinbevölkerung

This European Standard was approved by CENELEC on 2002-07-02. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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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 European Standard was prepared by the Technical Committee CENELEC TC 106X, Electromagnetic fields in the human environment.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50385 on 2002-07-02.

The following dates were 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) 2003-07-01
 - latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-07-01
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1 Scope

This product standard applies to radio base stations and fixed terminal stations for wireless telecommunication systems as defined in Clause 3, operating in the frequency range 110 MHz to 40 GHz.

The object of this standard is to demonstrate the compliance of such product with the basic restrictions (directly or indirectly via compliance with reference levels) related to general public exposure to radio frequency electromagnetic fields.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 50383, *Basic standard for the calculation and measurement of human exposure to electromagnetic fields from radio base stations and fixed terminal stations for wireless telecommunication systems (110 MHz – 40 GHz)*

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 197 of 30 July 1999).

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