SVENSK STANDARD SS-EN 50364

Fastställd	Utgåva	Sida	Ingår i
2002-02-11	1	1 (1+7)	SEK Område 211

Svenska Elektriska Kommissionen, SEK

Begränsning av exponering för elektromagnetiska fält i frekvensområdet 0 Hz - 10 GHz från utrustning för artikelövervakning (EAS), identifiering (RFID) och liknande

Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

Som svensk standard gäller europastandarden EN 50364:2001. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50364:2001.

Nationellt förord

SS-EN 50364 skall användas tillsammans med SS-EN 50357, utgåva 1, 2002.

ICS 13.280; 33.100.01

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 50364**

NORME EUROPÉENNE

EUROPÄISCHE NORM October 2001

ICS 13.280; 33.100.01

English version

Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 10 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications

Limitation de l'exposition humaine aux champs électromagnétiques émis par les dispositifs fonctionnant dans la gamme de fréquences de 0 Hz à 10 GHz, utilisés pour la surveillance électronique des objets (EAS), l'identification par radiofréquence (RFID) et les applications similaires

Begrenzung der Exposition von Personen gegenüber elektromagnetischen Feldern von Geräten, die im Frequenzbereich von 0 Hz bis 10 GHz betrieben und in der elektronischen Artikelüberwachung (en: EAS), Hochfrequenz-Identifizierung (en: RFID) und ähnlichen Anwendungen verwendet werden

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 50364:2001 E

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 106X (former TC 211), 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 50364 on 2001-05-01.

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)	2002-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2004-04-01

This European Standard has to be read in conjunction with EN 50357.

Contents

1 Scope

This product standard applies to devices operating within the frequency range 0 Hz to 10 GHz, used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications.

This product standard may be used for demonstration of compliance to the requirements of Council Directive 1999/5/EC, with regard to the limitation of human exposure to electromagnetic fields (EMFs). There are additional requirements covered by the Directive, which are not included in this product standard.

This product standard may be used for demonstration of compliance to the requirements of Council Directive 73/23/EEC, with regard to the limitation of human exposure to EMFs. There are additional requirements covered by the Directive, which are not included in this product standard.

It should be noted that the supplier of a specific piece of equipment might not know the overall exposure environment in which the equipment is being used. This product standard can only assess the human exposure from the specific equipment under evaluation when being used according to the supplier's guidelines.

Other standards can apply to products covered by this document. In particular this document is not designed to evaluate the electromagnetic compatibility with other equipment; nor does it reflect any product safety requirements other than those specifically related to human exposure to electromagnetic fields.

2 Normative references

2.1 The Basic Standard

EN 50357, Evaluation of human exposure to electromagnetic fields (EMFs) from devices used in electronic article surveillance (EAS), radio frequency identification (RFID) and similar applications

2.2 The EC recommendation

European 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, L199, 30.7.1999, p.59

2.3 The ICNIRP Guidelines

International Commission on Non-Ionising Radiation Protection, Guidelines for limiting exposure in time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz), Health Physics Volume 74, Number 4, April 1998, p. 494