SLOVENSKI STANDARD
SIST EN 50083-2:2012/A1:2016

01-januar-2016

Kabelska omrežja za televizijske signale, zvokovne signale in interaktivne storitve - 2. del: Elektromagnetna združljivost opreme

Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment

Kabelnetze für Fernsehsignale, Tonsignale und interaktive Dienste - Teil 2: Elektromagnetische Verträglichkeit von Geräten

Réseaux de distribution par câbles pour signaux de télévision, signaux de radiodiffusion sonore et services interactifs - Partie 2: Compatibilité électromagnétique pour les matériels

Ta slovenski standard je istoveten z: **EN 50083-2:2012/A1:2015**

ICS:

33.060.40	Kabelski razdelilni sistemi	Cabled distribution systems
33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general

SIST EN 50083-2:2012/A1:2016 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 33.060.40

English Version

Cable networks for television signals, sound signals and interactive services - Part 2: Electromagnetic compatibility for equipment

Réseaux de distribution par câbles pour signaux de télévision, signaux de radiodiffusion sonore et services interactifs - Partie 2: Compatibilité électromagnétique pour les matériels

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This amendment A1 modifies the European Standard EN 50083-2:2012; it was approved by CENELEC on 2015-09-14. 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.

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 amendment 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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CENELEC

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 50083-2:2012/A1) has been prepared by CLC/TC 209 "Cable networks for television signals, sound signals and interactive services".

The following dates are fixed:

• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2016-09-14
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2018-09-14

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4.4.4 Internal immunity (Immunity to unwanted signals)

Replace subclause 4.4.4.1.1 by the following:

4.4.4.1.1 Introduction

The measurement methods specified below serve to determine the immunity of an active equipment to disturbance by unwanted signals occurring both outside of its operating frequency range (out-of-band disturbance) and within of its operating frequency range (in-band disturbance). Internal immunity measurements shall not be performed on channel-selective equipment processing exclusively DVB signals (e.g. DVB tuners or headend equipment).

Wireless services operating in the frequency band 790 MHz to 862 MHz may be received by broadcast receiving antennas and be fed into the input of a broadband amplifier with an operating frequency range up to 862 MHz. This will cause in-band interference between the received broadcast signals (wanted signals) and the wireless signals (unwanted signals).

NOTE: If the frequency range 790 MHz to 862 MHz carries no wanted signals, a suitable low-pass filter could be applied at the input of the broadband amplifier to sufficiently reduce in-band interference (due to LTE) that may be present at the location of usage, e.g. overload of the amplifier, caused by the high-level wireless signals.