



Institut luxembourgeois de la normalisation  
de l'accréditation, de la sécurité et qualité  
des produits et services

**ILNAS-EN 55016-2-3:2010/A1:2010**

**Specification for radio disturbance and  
immunity measuring apparatus and  
methods - Part 2-3: Methods of  
measurement of disturbances and**

Spécifications des méthodes et des  
appareils de mesure des perturbations  
radioélectriques et de l'immunité aux  
perturbations radioélectriques - Partie

Anforderungen an Geräte und  
Einrichtungen sowie Festlegung der  
Verfahren zur Messung der  
hochfrequenten Störaussendung

**10/2010**



## National Foreword

This European Standard EN 55016-2-3:2010/A1:2010 was adopted as Luxembourgish Standard ILNAS-EN 55016-2-3:2010/A1:2010.

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## **Specification for radio disturbance and immunity measuring apparatus and methods -**

### **Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (CISPR 16-2-3:2010/A1:2010)**

Spécifications des méthodes et des appareils de mesure des perturbations radioélectriques et de l'immunité aux perturbations radioélectriques -  
Partie 2-3: Méthodes de mesure des perturbations et de l'immunité -  
Mesures des perturbations rayonnées  
(CISPR 16-2-3:2010/A1:2010)

Anforderungen an Geräte und Einrichtungen sowie Festlegung der Verfahren zur Messung der hochfrequenten Störaussendung (Funkstörungen) und Störfestigkeit -  
Teil 2-3: Verfahren zur Messung der hochfrequenten Störaussendung (Funkstörungen) und Störfestigkeit -  
Messung der gestrahlten Störaussendung  
(CISPR 16-2-3:2010/A1:2010)

This amendment A1 modifies the European Standard EN 55016-2-3:2010; it was approved by CENELEC on 2010-10-01. 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 Central Secretariat 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 Central Secretariat 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

# **CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document CISPR/A/878/CDV, future amendment 1 to CISPR 16-2-3:2010, prepared by CISPR SC A, Radio-interference measurements and statistical methods, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 55016-2-3:2010 on 2010-10-01.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2011-07-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2013-10-01

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## Endorsement notice

The text of amendment 1:2010 to the International Standard IEC 55016-2-3:2010 was approved by CENELEC as an amendment to the European Standard without any modification.

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE

COMITÉ INTERNATIONAL SPÉCIAL DES PERTURBATIONS RADIOÉLECTRIQUES

BASIC EMC PUBLICATION

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AMENDMENT 1

AMENDEMENT 1

**Specification for radio disturbance and immunity measuring apparatus and methods –**

**Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements**

**Spécifications des méthodes et des appareils de mesure des perturbations radioélectriques et de l'immunité aux perturbations radioélectriques –**

**Partie 2-3: Méthodes de mesure des perturbations et de l'immunité – Mesures des perturbations rayonnées**

## FOREWORD

This amendment has been prepared by CISPR subcommittee A: Radio-interference measurements and statistical methods, in cooperation with CISPR subcommittee D: Electromagnetic disturbances related to electric/electronic equipment on vehicles and internal combustion engine powered devices, of IEC technical committee CISPR: International special committee on radio interference.

The text of this amendment is based on the following documents:

Enquiry draft	Report on voting
CISPR/A/878/CDV	CISPR/A/894/RVC

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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## INTRODUCTION

The recent addition of FFT-based measuring instrumentation in CISPR 16-1-1 necessitates the addition of related specifications for the test methods covered in CISPR 16-2-3. Those new specifications are introduced in this amendment.

### 3 Terms and definitions

#### 3.18 measuring receiver

*Replace the existing definition by the following new definition:*

instrument such as a tunable voltmeter, an EMI receiver, a spectrum analyzer or an FFT-based measuring instrument, with or without preselection, that complies with CISPR 16-1-1

*Add, after the existing definition 3.24.5, the following new terms and definitions 3.25 and 3.26:*

#### 3.25 measurement

process of experimentally obtaining one or more quantity values that can reasonably be attributed to a quantity