



SLOVENSKI STANDARD

SIST EN 60835-3-6:2002

01-oktober-2002

Methods of measurement for equipment used in digital microwave radio transmission systems - Part 3: Measurements on satellite earth stations - Section 6: High power amplifiers (IEC 60835-3-6:1996)

Methods of measurement for equipment used in digital microwave radio transmission systems -- Part 3: Measurements on satellite earth stations -- Section 6: High power amplifiers

Meßverfahren für Geräte in digitalen Mikrowellen- Funkübertragungssystemen -- Teil 3: Messungen an Satelliten-Erdfunkstellen -- Hauptabschnitt 6: Hochleistungsverstärker

Méthodes de mesure applicables au matériel utilisé pour les systèmes de transmission numérique en hyperfréquence -- Partie 3: Mesures applicables aux stations terriennes de télécommunications par satellite -- Section 6: Amplificateurs de puissance

Ta slovenski standard je istoveten z: EN 60835-3-6:1996

ICS:

| | | |
|-----------|--|--|
| 33.060.30 | Radiorelejni in fiksni satelitski komunikacijski sistemi | Radio relay and fixed satellite communications systems |
|-----------|--|--|

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EUROPEAN STANDARD

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NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1996

ICS 33.060.30

Descriptors: Telecommunications, radiocommunications, communication equipment, power amplifiers, earth station, microwave frequencies, digital technics, measurements, characteristics

English version

**Methods of measurement for equipment used in
digital microwave radio transmission systems
Part 3: Measurements on satellite earth stations
Section 6: High power amplifiers
(IEC 835-3-6:1996)**

Méthodes de mesure applicables
au matériel utilisé pour les systèmes
de transmission numérique en
hyperfréquence
Partie 3: Mesures applicables aux
stations terriennes de
télécommunications par satellite
Section 6: Amplificateurs de puissance
(CEI 835-3-6:1996)

Meßverfahren für Geräte in
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Teil 3: Messungen an
Satelliten-Erdfunkstellen
Hauptabschnitt 6:
Hochleistungsverstärker
(IEC 835-3-6:1996)

This European Standard was approved by CENELEC on 1996-07-02. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Foreword

The text of document 12E/258/FDIS, future edition 1 of IEC 835-3-6, prepared by SC 12E, Radio-relay and fixed satellite communication systems, of IEC TC 12, Radiocommunications, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60835-3-6 on 1996-07-02.

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) 1997-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1997-04-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 835-3-6:1996 was approved by CENELEC as a European Standard without any modification.

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Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

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).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|--------------|-------------|
| IEC 835-1-2 | 1992 | Methods of measurement for equipment used in digital microwave radio transmission systems Part 1: Measurements common to terrestrial radio-relay systems and satellite earth stations Section 2: Basic characteristics | EN 60835-1-2 | 1993 |
| IEC 835-1-3 | 1992 | Section 3: Transmission characteristics | EN 60835-1-3 | 1995 |

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60835-3-6

Première édition
First edition
1996-03

**Méthodes de mesure applicables au matériel
utilisé pour les systèmes de transmission
numérique en hyperfréquence**

Partie 3:

**Mesures applicables aux stations terriennes
de télécommunications par satellite
Section 6: Amplificateurs de puissance**

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**Methods of measurement for equipment used in
digital microwave radio transmission systems**

Part 3:

**Measurements on satellite earth stations
Section 6: High-power amplifiers**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**METHODS OF MEASUREMENT FOR EQUIPMENT
USED IN DIGITAL MICROWAVE RADIO TRANSMISSION SYSTEMS –
Part 3: Measurements on satellite earth stations –
Section 6: High-power amplifiers**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 835-3-6 has been prepared by subcommittee 12E: Radio relay and satellite communication systems, of IEC technical committee 12: Radio-communications.

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

| | |
|--------------|------------------|
| FDIS | Report on voting |
| 12E/258/FDIS | 12E/265/RVD |

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