

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

Part 3: Measurements on satellite earth stations —

Section 3.13 VSAT systems

The European Standard EN 60835-3-13:1996 has the status of a
British Standard

ICS 33.060.30

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee EPL/12, Radio communication, to Subcommittee EPL/12/5, Radio communication systems, upon which the following bodies were represented:

- British Broadcasting Corporation
- British Radio and Electronic Equipment Manufacturers' Association
- British Telecommunications plc
- ERA Technology Ltd.
- Institution of Electrical Engineers
- Radio, Electrical and Television Retailers' Association
- Radiocommunications Agency

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National foreword

This British Standard has been prepared by Subcommittee EPL/12/5 and is the English language version of EN 60835-3-13:1996 *Methods of measurement for equipment used in digital microwave radio transmission systems — Part 3: Measurements on satellite earth stations: Section 3.13 VSAT systems*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 835-3-13:1996 published by the International Electrotechnical Commission (IEC).

BS EN 60835 is published in three Parts. The other Parts are:

— *Part 1: Measurement common to terrestrial radio-relay systems and satellite earth stations;*

— *Part 2: Measurements on terrestrial radio-relay systems.*

Some of the many Sections of the three Parts have appeared under the number BS 7573, of the same genetic title.

This Section describes measurements for very small aperture terminals (VSATs) of data transmit/receive type, both in the star network and in the point-to-point network. Measurements of the hub earth stations' equipment are not covered.

Cross-references

Publication referred to	Corresponding British Standard
	BS EN 60835 <i>Methods of measurement for equipment used in digital microwave radio transmission systems</i>
EN 60835-1-2:1993 (IEC 835-1-2:1992)	Part 1 <i>Measurements common to terrestrial radio-relay systems and satellite earth stations</i> Section 1.2:1995 <i>Basic characteristics</i>
EN 60835-1-4:1995 (IEC 835-1-4:1992)	Section 1.4 <i>Transmission performance</i> ¹⁾
EN 60835-3-2:1996 (IEC 835-3-2:1994)	Part 3 <i>Measurements on satellite earth stations</i> Section 3.2:1996 <i>Antenna</i>
EN 60835-3-7:1995 (IEC 835-3-7:1995)	Section 3.7:1996 <i>Figure-of-merit of receiving system</i>
EN 55022:1987 ²⁾ (CISPR 22:1985)	<i>Limits and methods of measurement of radio disturbance characteristics of information technology equipment</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ In preparation.

²⁾ EN 55022:1987 has been superseded by EN 55022:1995 with which the cited British Standard is identical.

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Descriptors: Telecommunications, radiocommunications, communication equipment, earth station, microwave frequencies, digital
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English version

Methods of measurement for equipment used in
digital microwave radio transmission systems
Part 3: Measurements on satellite earth stations
Section 13: VSAT systems

(IEC 835-3-13:1996)

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 13: Systèmes VSAT
(CEI 835-3-13:1996)

Meßverfahren für Geräte in digitalen
Mikrowellen-Funkübertragungssystemen
Teil 3: Messungen an
Satelliten-Erdfunkstellen
Hauptabschnitt 13: VSAT-Systeme
(IEC 835-3-13:1996)

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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

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

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Foreword

The text of document 12E/237/FDIS, future edition 1 of IEC 835-3-13, 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 60835-3-13 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. Annexes designated “informative” are given for information only. In this standard, annex ZA is normative and annex A is informative. Annex ZA has been added by CENELEC.

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