



SLOVENSKI STANDARD
SIST ETS 300 019-2-4:1999

01-november-1999

Inženiring opreme (EE) - Pogoji okolja in preskusi vplivov okolja za telekomunikacijsko opremo – Del 2-4: Specifikacija preskusov vplivov okolja - Mirujoča (stacionarna) uporaba na lokacijah, ki niso zaščitene pred vremenskimi vplivi

Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-4: Specification of environmental tests; Stationary use at non-weatherprotected locations

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST ETS 300 019-2-4:1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-ccc328c21c52/sist-ets-300-019-2-4-1999)

<https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-ccc328c21c52/sist-ets-300-019-2-4-1999>

Ta slovenski standard je istoveten z: ETS 300 019-2-4 Edition 1

ICS:

19.040	Preskušanje v zvezi z okoljem	Environmental testing
33.050.01	Telekomunikacijska terminalska oprema na splošno	Telecommunication terminal equipment in general

SIST ETS 300 019-2-4:1999

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST ETS 300 019-2-4:1999

<https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eec328c21c52/sist-ets-300-019-2-4-1999>



EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 019-2-4

May 1994

Source: ETSI TC-EE

Reference: DE/EE-1019-2-4

ICS: 33.080

Key words: Environment, specification, equipment

**Equipment Engineering (EE);
Environmental conditions and environmental tests for
telecommunications equipment
Part 2-4: Specification of environmental tests
Stationary use at non-weatherprotected locations**

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE

Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

X.400: c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

Copyright Notification: No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1994. All rights reserved.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST ETS 300 019-2-4:1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-ee328c21c52/sist-ets-300-019-2-4-1999)
[https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-
ee328c21c52/sist-ets-300-019-2-4-1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-ee328c21c52/sist-ets-300-019-2-4-1999)

Contents

Foreword	5
1 Scope	7
2 Normative references	7
3 Environmental test specifications	7
3.1 Specification T 4.1: Non-weatherprotected locations	8
3.2 Specification T 4.1E: Non-weatherprotected locations - extended	10
3.3 Notes to tables 1 to 3	13
Annex A (informative): Bibliography	14
History.....	15

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST ETS 300 019-2-4:1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eecc328c21c52/sist-ets-300-019-2-4-1999)

<https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eecc328c21c52/sist-ets-300-019-2-4-1999>

Blank page

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST ETS 300 019-2-4:1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-ee328c21c52/sist-ets-300-019-2-4-1999)
[https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-
ee328c21c52/sist-ets-300-019-2-4-1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-ee328c21c52/sist-ets-300-019-2-4-1999)

Foreword

This multi-part European Telecommunication Standard (ETS) has been produced by the Equipment Engineering (EE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

ETS 300 019 is concerned with environmental conditions and environmental tests for telecommunications equipment and comprises two main parts, each with subdivisions:

- ETS 300 019-1: "Classification of environmental conditions".

Part 1 specifies different standardised environmental classes covering climatic and biological conditions, chemically and mechanically active substances and mechanical conditions during storage, transportation and in use.

- ETS 300 019-2: "Specification of environmental tests".

Part 2 specifies the recommended test severities and test methods for the different environmental classes.

Part 2-0 forms a general overview of Part 2. This part, (Part 2-4), deals with stationary use at non-weatherprotected locations.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST ETS 300 019-2-4:1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eec328c21c52/sist-ets-300-019-2-4-1999)

<https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eec328c21c52/sist-ets-300-019-2-4-1999>

Blank page

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST ETS 300 019-2-4:1999](https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eec328c21c52/sist-ets-300-019-2-4-1999)
<https://standards.iteh.ai/catalog/standards/sist/5b491f5c-e146-4598-89a0-eec328c21c52/sist-ets-300-019-2-4-1999>

1 Scope

This European Telecommunication Standard (ETS) specifies test methods and severities for verification of the required resistibility of equipment according to the relevant environmental class.

The tests defined in Part 2-4 of this multi-part standard apply to stationary use of equipment at non-weatherprotected locations covering the environmental conditions stated in ETS 300 0191-4 [1].

2 Normative references

This ETS 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 ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 0191-4: "Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment Part 1-4: Classification of environmental conditions; Stationary use at non-weatherprotected locations".
- [2] IEC 68-2: "Environmental testing: Part 2: Tests".
- [3] ETS 300 0192-0: "Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment Part 2-0: Specification of environmental tests; Introduction".

3 Environmental test specifications

The detailed descriptions of the environmental conditions are given in Clauses 4 and 5 of ETS 300 0191- 4 [1].

ETS 300 0192-0 [3] forms a general overview of Part 2 of this ETS.

The equipment under test is assumed to be in its operational state throughout the test conditions described in this Part unless otherwise stated. The required performance before, during and after the test need to be specified in the product specification. Input and load conditions of the equipment shall be chosen to obtain full utilisation of the equipment under test. The heat dissipation shall be maximised, except for the steady state, low temperature test, where it shall be minimised.