

iTeh STANDARD PREVIEW
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SIST ENV 61000-2-2:1997

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UDC 621.37.001.365

Descriptors: Electric power supply, electric power networks, low voltage, network disturbances, electromagnetic compatibility



ENGLISH VERSION

REPUBLIKA SLOVENIJA
 MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
 Urad RS za standardizacijo in meroslovje
 LJUBLJANA
 SIST... ENV 61000-2-2
 PREVZET PO METODI RAZGLASITVE
 -03- 1997

Electromagnetic compatibility (EMC)
 Part 2: Environment
 Section 2: Compatibility levels for low-frequency
 conducted disturbances and signalling in public
 low-voltage power supply systems
 (IEC 1000-2-2:1990, modified)

Compatibilité électromagnétique
 (CEM)

Partie 2: Environnement

Section 2: Niveaux de
 compatibilité pour les
 perturbations conduites basse
 fréquence et la transmission de
 signaux sur les réseaux publics
 d'alimentation à basse tension
 (CEI 1000-2-2:1990, modifiée)

Elektromagnetische

Verträglichkeit (EMV)

Teil 2: Umweltbedingungen

Abschnitt 2: Verträglichkeits-
 pegel für niederfrequente
 leitungsgeführte

Störgrößen und Signal-

Übertragung in öffentlichen

Niederspannungsnetze

(IEC 1000-2-2:1990, modifiziert)

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This European Prestandard (ENV) was approved by CENELEC on 1993-03-09 as a prospective standard for provisional application. The period of validity of this ENV is limited initially to three years. After two years the members of CENELEC will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard (EN).

CENELEC members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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



1993

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FOREWORD

Based on the outcome of the CENELEC questionnaire procedure, the text of the International Standard IEC 1000-2-2:1990 was submitted to the CENELEC formal vote in January 1991. The 68th CENELEC Technical Board referred the comments back to Technical Committee TC 110, which prepared a new draft containing some common modifications for submission to the Unique Acceptance Procedure. This procedure started in May 1992.

The reference document, together with the common modifications prepared by CLC/TC 110, was approved by CENELEC as ENV 61000-2-2 on 9 March 1993.

The following date was fixed:

- latest date of announcement
of the ENV at national level (doa) 1993-09-01

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ENDORSEMENT NOTICE

The text of the International Standard IEC 1000-2-2:1990 was approved by CENELEC as a European Prestandard with agreed common modifications as given below.

COMMON MODIFICATIONS**7 Mains signalling****7.1 Replace by:****Ripple control systems (110 Hz to 3000 Hz)**

The amplitude of the signal is not likely to exceed the levels given by the so-called Meister-curve given in figure 2 which is still officially recognized in some countries although many ripple control systems use lower values.

7.2-7.3 Replace by:**7.2 Mains signalling in the frequency range from 3 kHz to 148,5 kHz**

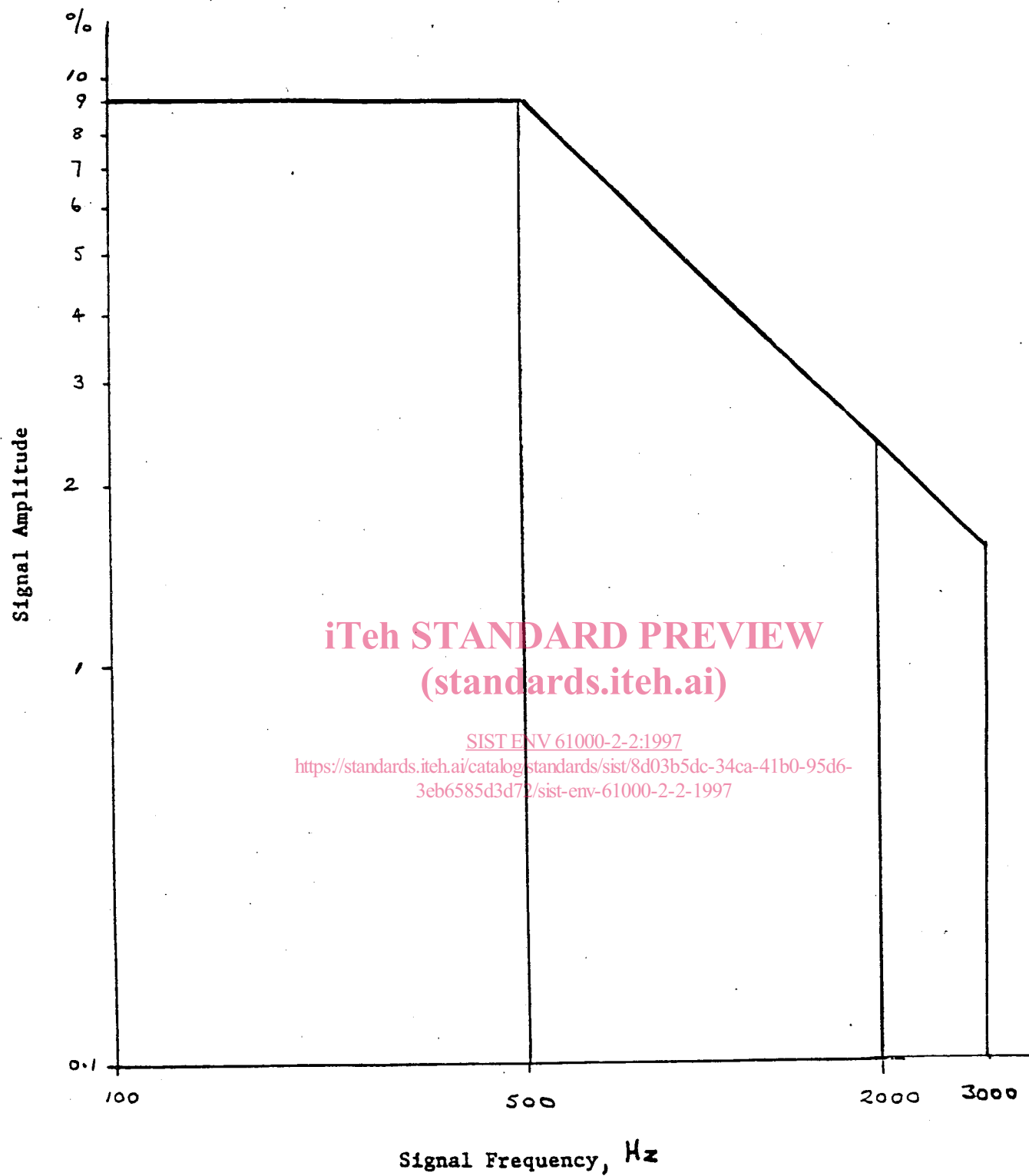
Compatibility levels are under consideration.

7.4 Renumber this clause as 7.3.

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Figures <http://standards.iteh.ai/catalog/standards/sist/8d03b5dc-34ca-41b0-95d6-3eb6585d3d72/sist-env-61000-2-2-1997>

Add figure 2.



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Fig 2 "Meister" curve for ripple control signals 100Hz to 3000Hz