

Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 4 : Short-term frequency stability test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62884-4:2019 sisaldab Euroopa standardi EN IEC 62884-4:2019 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62884-4:2019 consists of the English text of the European standard EN IEC 62884-4:2019.
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ICS 31.140

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English Version

**Measurement techniques of piezoelectric, dielectric and
electrostatic oscillators - Part 4 : Short-term frequency stability
test methods
(IEC 62884-4:2019)**

Techniques de mesure des oscillateurs piézoélectriques,
diélectriques et électrostatiques - Partie 4: Méthodes
d'essai de stabilité à court-terme de la fréquence
(IEC 62884-4:2019)

Messverfahren für piezoelektrische, dielektrische und
elektrostatische Oszillatoren - Teil 4: Prüfverfahren für die
Kurzzeit-Frequenzstabilität
(IEC 62884-4:2019)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 49/1277/CDV, future edition 1 of IEC 62884-4, prepared by IEC/TC 49 "Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62884-4:2019.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-03-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-06-10

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The text of the International Standard IEC 62884-4:2019 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60068-1	NOTE	Harmonized as EN 60068-1
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Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60027	series	Letters symbols to be used in electrical technology - Part 1: General	-	series
IEC 60050-561	-	International Electrotechnical Vocabulary - Part 561: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection	-	-
IEC 60469	-	Transitions, pulses and related waveforms - Terms, definitions and algorithms	EN 60469	-
IEC 60617	-	Standard data element types with associated classification scheme for electric components -- Part 4: IEC reference collection fo standard data element types and component classes	-	-
IEC 60679-1	-	Piezoelectric, dielectric and electrostatic oscillators of assessed quality - Part 1 : Generic specification	EN 60679-1	-
IEC 62884-1	-	Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 1: Basic methods for the measurement	EN 62884-1	-
ISO 80000-1	-	Quantities and units -- Part 1: General	EN ISO 80000-1	-

CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions, units and symbols	5
3.1 Terms and definitions.....	5
3.2 Units and symbols.....	5
4 Short-term frequency stability	6
5 Allan variance (AVAR)	9
6 Allan deviation (ADEV), RMS fractional frequency fluctuations	10
7 Overlapping Allan variance (OAVAR) and overlapping Allan deviation (OADEV).....	11
8 Modified Allan variance (MVAR) and modified Allan deviation (MDEV)	11
9 Hadamard Variance (HVAR)	12
10 Time interval error ($e_{(n)}$).....	12
11 Maximum time interval error ($e_{m(n)}$).....	13
12 Measurement of short-term frequency stability.....	13
12.1 General.....	13
12.2 Method 1: The two oscillators having exactly the same mean frequency	14
12.3 Method 2: frequency offset measurement.....	15
12.4 Method 3: time interval counter.....	15
12.5 Method 4: direct frequency counter method.....	16
12.6 Method 5: short-term stability computed by integration of phase noise data	16
12.7 Test conditions and precautions.....	17
12.7.1 Considerations for the test setup	17
12.7.2 Stabilization time	17
12.7.3 Supply voltage and control voltage	18
12.7.4 Impact of ambient conditions	19
Bibliography.....	20
Figure 1 – Phasor diagram of carrier and non-correlated amplitude and phase noise	6
Figure 2 – Phasor diagram after suppression of amplitude noise.....	7
Figure 3 – Various noise mechanisms over time	8
Figure 4 – Chart of Allan deviation (ADEV) as a function of τ	11
Figure 5 – Test circuit for method 1	14
Figure 6 – Test circuit for method 2	15
Figure 7 – Time interval counter measurement method	16
Figure 8 – Impact of a frequency drift to the measured Allan deviation.....	18
Table 1 – Relation between the areas of different slopes of phase noise and Allan deviation	17

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MEASUREMENT TECHNIQUES OF PIEZOELECTRIC, DIELECTRIC AND
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International Standard IEC 62884-4 has been prepared by IEC technical committee 49: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection.

The text of this International Standard is based on the following documents:

CDV	Report on voting
49/1277/CDV	49/1292/RVC

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62884 series, published under the general title *Measurement techniques of piezoelectric, dielectric and electrostatic oscillators*, can be found on the IEC website.

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

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