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| STN | Jadrá z magneticky mäkkých materiálov Metódy merania Časť 2: Magnetické vlastnosti pri nízkej budiacej úrovni Oprava AC | STN EN 62044-2/AC 34 5886 |
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Cores made of soft magnetic materials – Measuring methods Part 2: Magnetic properties at low excitation level

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/21

Obsahuje: EN 62044-2:2005/AC Jun.:2021, IEC 62044-2:2005/Cor. 1:2021

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EUROPEAN STANDARD

EN 62044-2:2005/AC:2021-06

NORME EUROPÉENNE

June 2021

EUROPÄISCHE NORM

ICS 29.100.10

English Version

**Cores made of soft magnetic materials - Measuring methods -
Part 2: Magnetic properties at low excitation level
(IEC 62044-2:2005/COR1:2021)**

Noyaux en matériaux magnétiques doux - Méthodes de
mesure - Partie 2: Propriétés magnétiques à niveau
d'excitation faible
(IEC 62044-2:2005/COR1:2021)

Kerne aus weichmagnetischen Materialien - Messverfahren
- Teil 2: Messungen der magnetischen Eigenschaften im
Signalapplikationsbereich
(IEC 62044-2:2005/COR1:2021)

This corrigendum becomes effective on 11 June 2021 for incorporation in the English language version of the EN.



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

Endorsement notice

The text of the corrigendum IEC 62044-2:2005/COR1:2021 was approved by CENELEC as EN 62044-2:2005/AC:2021-06 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 62044-2
Edition 1.0 2005-03

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Édition 1.0 2005-03

CORES MADE OF SOFT MAGNETIC MATERIALS –
MEASURING METHODS –

NOYAUX EN MATÉRIAUX MAGNÉTIQUES DOUX –
MÉTHODES DE MESURE –

Part 2: Magnetic properties at low excitation
level

Partie 2: Propriétés magnétiques à niveau
d'excitation faible

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

3.1

Replace Formula (2) with the following:

$$V_m = \sqrt{\sum_{n=2}^{\infty} V_n^2}$$

3.2

Replace Formula (3) with the following:

$$THD_F = 20 \lg \left(\frac{V_m/V_f}{\mu_{ea} \cdot CCF} \right)$$

Replace Formula (4) with the following:

$$V_m = \sqrt{\sum_{n=2}^{\infty} V_n^2}$$

12.2 Measuring coil

Replace, in item a), the first sentence with the following:

Coils for cores consisting of more than one part shall, when possible, be designed so that the frequency at which Q is maximum for the core-coil combination is much lower than the measuring frequency, so that the coil loss can be neglected.

