

SLOVENSKI STANDARD

SIST EN IEC 62037-2:2022

01-marec-2022

Nadomešča:
SIST EN 62037-2:2013

Pasivne radiofrekvenčne (RF) in mikrovalovne naprave, meritve intermodulacijskega nivoja - 2. del: Meritve pasivne intermodulacije v koaksialnih kablskih sestavih (IEC 62037-2:2021)

Passive RF and microwave devices, intermodulation level measurement - Part 2: Measurement of passive intermodulation in coaxial cable assemblies (IEC 62037-2:2021)

Passive HF- und Mikrowellenbauteile, Messung des Intermodulationspegels - Teil 2: Messung der passiven Intermodulation in konfektionierten Koaxialkabeln (IEC 62037-2:2021)

Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation - Partie 2: Mesure de l'intermodulation passive dans les cordons coaxiaux (IEC 62037-2:2021)

Ta slovenski standard je istoveten z: EN IEC 62037-2:2021

ICS:

33.120.10	Koaksialni kabli. Valovodi	Coaxial cables. Waveguides
33.120.30	Radiofrekvenčni konektorji (RF)	RF connectors

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62037-2

December 2021

ICS 33.040.20; 33.120.10

Supersedes EN 62037-2:2013 and all of its amendments
and corrigenda (if any)

English Version

**Passive RF and microwave devices, intermodulation level
measurement - Part 2: Measurement of passive intermodulation
in coaxial cable assemblies
(IEC 62037-2:2021)**

Dispositifs RF et à micro-ondes passifs, mesure du niveau
d'intermodulation - Partie 2: Mesure de l'intermodulation
passive dans les cordons coaxiaux
(IEC 62037-2:2021)

Passive HF- und Mikrowellenbauteile, Messung des
Intermodulationspegels - Teil 2: Messung der passiven
Intermodulation in konfektionierten Koaxialkabeln
(IEC 62037-2:2021)

This European Standard was approved by CENELEC on 2021-12-23. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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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

EN IEC 62037-2:2021 (E)**European foreword**

The text of document 46/835/FDIS, future edition 2 of IEC 62037-2, prepared by IEC/TC 46 “Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62037-2:2021.

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) 2022-09-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-12-23

This document supersedes EN 62037-2:2013 and all of its amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

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Endorsement notice

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The text of the International Standard IEC 62037-2:2021 was approved by CENELEC as a European Standard without any modification.

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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 62037-1	2021	Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods	EN IEC 62037-1	2021
IEC 62037-3	-	Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors	EN IEC 62037-3	-
IEC 62037-4	-	Passive RF and microwave devices, intermodulation level measurement - Part 4: Measurement of passive intermodulation in coaxial cables	EN 62037-4	-

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IEC 62037-2

Edition 2.0 2021-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE



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**Passive RF and microwave devices, intermodulation level measurement –
Part 2: Measurement of passive intermodulation in coaxial cable assemblies**

**Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation –
Partie 2: Mesure de l'intermodulation passive dans les cordons coaxiaux**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PASSIVE RF AND MICROWAVE DEVICES,
INTERMODULATION LEVEL MEASUREMENT –****Part 2: Measurement of passive intermodulation
in coaxial cable assemblies****FOREWORD**

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IEC 62037-2 has been prepared by IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) criteria for application of mechanical stress revised to be a function of advertised cable bend radius.

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

Draft	Report on voting
46/835/FDIS	46/856/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all the parts in the IEC 62037 series, published under the general title *Passive RF and microwave devices*, Intermodulation level measurement 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 webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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