SVENSK STANDARD SS-EN IEC 62037-6

Fastställd	Utgåva	Sida	Ansvarig kommitté
2022-03-16	2	1 (1+15)	SEK TK 46

Passiva radiofrekvens- och mikrovågskomponenter – Mätning av intermodulationsnivån – Del 6: Mätning av passiv intermodulation i antenner

Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas

Som svensk standard gäller europastandarden EN IEC 62037-6:2022. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 62037-6:2022.

Nationellt förord

Europastandarden EN IEC 62037-6:2022

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC
– **IEC 62037-6, Second edition, 2021 - Passive RF and microwave devices, intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare fastställd svensk standard SS-EN 62037-6, utgåva 1, 2013, gäller ej fr o m 2024-12-28.

ICS 33.040.20

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62037-6

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Supersedes EN 62037-6:2013 and all of its amendments and corrigenda (if any)

English Version

Passive RF and microwave devices, intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas (IEC 62037-6:2021)

Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation - Partie 6: Mesure de l'intermodulation passive dans les antennes (IEC 62037-6:2021)

Passive HF- und Mikrowellenbauteile, Messung des Intermodulationspegels - Teil 6: Messung der passiven Intermodulation in Antennen (IEC 62037-6:2021)

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

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SEK Svensk Elstandard SS-EN IEC 62037-6, utg 2:2022

European foreword

The text of document 46/838/FDIS, future edition 2 of IEC 62037-6, 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 62037-6:2022.

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) 2022–09–28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–12–28

This document supersedes EN 62037-6:2013 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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.

Endorsement notice

The text of the International Standard IEC 62037-6:2021 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-75 NOTE Harmonized as EN 60068-2-75

IEC 62037-1 NOTE Harmonized as EN 62037-1

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NORME INTERNATIONALE

Passive RF and microwave devices, intermodulation level measurement – Part 6: Measurement of passive intermodulation in antennas

Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation – Partie 6: Mesure de l'intermodulation passive dans les antennes

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PASSIVE RF AND MICROWAVE DEVICES, INTERMODULATION LEVEL MEASUREMENT –

Part 6: Measurement of passive intermodulation in antennas

FOREWORD

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IEC 62037-6 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 2013. This edition constitutes a technical revision.

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

a) dynamic testing requirements updated to define impact energy and locations to apply impacts to devices under test;

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

Draft	Report on voting
46/838/FDIS	46/859/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.

PASSIVE RF AND MICROWAVE DEVICES, INTERMODULATION LEVEL MEASUREMENT –

Part 6: Measurement of passive intermodulation in antennas

1 Scope

This part of IEC 62037 defines the test fixtures and procedures recommended for measuring levels of passive intermodulation generated by antennas, typically used in wireless communication systems. The purpose is to define qualification and acceptance test methods for antennas for use in low intermodulation (low IM) applications.

2 Normative references

There are no normative references in this document.