

STN	Pasívne vysokofrekvenčné a mikrovlnné zariadenia, meranie intermodulačnej úrovne Časť 6: Meranie pasívnej intermodulácie v anténach	STN EN IEC 62037-6 34 7705
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Passive RF and microwave devices, intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas

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. 03/22

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EN IEC 62037-6

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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)

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Europäisches Komitee für Elektrotechnische Normung

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EN IEC 62037-6:2022 (E)**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.

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IEC 62037-6

Edition 2.0 2021-11

INTERNATIONAL STANDARD

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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INTERNATIONAL STANDARD

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**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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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.

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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.

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