

STN	Pasívne vysokofrekvenčné a mikrovlnné zariadenia, meranie intermodulačnej úrovne Časť 5: Meranie pasívnej intermodulácie vo filtroch	STN EN IEC 62037-5 34 7705
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Passive RF and microwave devices, intermodulation level measurement - Part 5: Measurement of passive intermodulation in filters

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. 02/22

Obsahuje: EN IEC 62037-5:2021, IEC 62037-5:2021

Oznámením tejto normy sa od 23.12.2024 ruší
STN EN 62037-5 (34 7705) z augusta 2013

134536

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62037-5

December 2021

ICS 33.040.20

Supersedes EN 62037-5:2013 and all of its amendments
and corrigenda (if any)

English Version

Passive RF and microwave devices, intermodulation level
measurement - Part 5: Measurement of passive intermodulation
in filters
(IEC 62037-5:2021)

Dispositifs RF et à micro-ondes passifs, mesure du niveau
d'intermodulation - Partie 5: Mesure de l'intermodulation
passive dans les filtres
(IEC 62037-5:2021)

Passive HF- und Mikrowellenbauteile, Messung des
Intermodulationspegels - Teil 5: Messung der passiven
Intermodulation in Filtern
(IEC 62037-5:2021)

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EN IEC 62037-5:2021 (E)**European foreword**

The text of document 46/837/FDIS, future edition 2 of IEC 62037-5, 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 62037-5:2021.

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Annex ZA

(normative)

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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 60068-2-75	2014	Environmental testing - Part 2-75: Tests Test Eh: Hammer tests	-EN 60068-2-75	2014
IEC 62037-1	-	Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods	EN IEC 62037-1	-



IEC 62037-5

Edition 2.0 2021-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Passive RF and microwave devices, intermodulation level measurement –
Part 5: Measurement of passive intermodulation in filters**

**Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation –
Partie 5: Mesure de l'intermodulation passive dans les filtres**

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IEC 62037-5

Edition 2.0 2021-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Passive RF and microwave devices, intermodulation level measurement –
Part 5: Measurement of passive intermodulation in filters**

**Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation –
Partie 5: Mesure de l'intermodulation passive dans les filtres**

INTERNATIONAL
ELECTROTECHNICAL
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COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 33.040.20

ISBN 978-2-8322-1049-2

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CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms, definitions and abbreviated terms	5
3.1 Terms and definitions	5
3.2 Abbreviated terms	5
4 General comments on PIM testing of filter assemblies	6
4.1 Sources of error: back-to-back filters	6
4.2 Environmental and dynamic PIM testing	6
4.3 General test procedure	7
5 Example of test equipment schematics for filter testing	8
5.1 General	8
5.2 Transmit band testing	8
5.3 Receive band testing – Dual high-power carriers	9
5.4 Receive band testing – Injected interferer	11
Figure 1 – Typical receive band PIM test set-up	6
Figure 2 – Example of a striking element for ≤ 1 J	7
Figure 3 – Typical test equipment schematic for measuring transmit-band, forward, passive IM products on an N-port DUT using two high-power carriers	9
Figure 4 – Typical test equipment schematic for measuring receive-band, forward, passive IM products on an N-port DUT, using two high-power carriers	10
Figure 5 – Typical test equipment schematic for measuring receive-band, reverse, passive IM products on an N-port DUT, using two high-power carriers	10
Figure 6 – Typical test equipment schematic for measuring receive-band, passive IM products on an N-port DUT, using two high-power carriers	11
Figure 7 – Typical test equipment schematic for measuring receive-band, forward, passive IM products on an N-port DUT, using the injected interferer technique	12
Figure 8 – Typical test equipment schematic for measuring receive-band, reverse, passive IM products on an N-port DUT, using the injected interferer technique	12
Figure 9 – Typical test equipment schematic for measuring receive-band, passive IM products on an N-port DUT, using the injected interferer technique	13
Table 1 – Summary table referencing examples of test equipment schematics for measuring PIM on filter-type devices	8

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**PASSIVE RF AND MICROWAVE DEVICES,
INTERMODULATION LEVEL MEASUREMENT –****Part 5: Measurement of passive intermodulation in filters****FOREWORD**

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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
46/837/FDIS	46/858/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 5: Measurement of passive intermodulation in filters

1 Scope

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

2 Normative references

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