

STN	Pasívne vysokofrekvenčné a mikrovlnné zariadenia, meranie intermodulačnej úrovne Časť 7: Meranie pasívnej intermodulácie v teréne	STN EN IEC 62037-7 34 7705
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Passive rf and microwave devices, intermodulation level measurement - Part 7: Field measurements of passive intermodulation

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

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EUROPEAN STANDARD
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EN IEC 62037-7

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English Version

**Passive rf and microwave devices, intermodulation level
measurement - Part 7: Field measurements of passive
intermodulation
(IEC 62037-7:2022)**

Dispositifs rf et à micro-ondes passifs, mesure du niveau
d'intermodulation - Partie 7: Mesures de l'intermodulation
passive sur le terrain
(IEC 62037-7:2022)

Passive HF- und Mikrowellenbauteile, Messung des
Intermodulationspegels - Teil 7: Feldmessungen der
passiven Intermodulation
(IEC 62037-7:2022)

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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 62037-7:2022 (E)**European foreword**

The text of document 46/903/FDIS, future edition 1 of IEC 62037-7, 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 62037-7:2022.

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Annex ZA (normative)

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<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 62037-2	2021	Passive RF and microwave devices, intermodulation level measurement - Part 2: Measurement of passive intermodulation in coaxial cable assemblies	EN IEC 62037-2	2021
IEC 62037-3	2021	Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors	EN IEC 62037-3	2021
IEC 62037-5	2021	Passive RF and microwave devices, intermodulation level measurement - Part 5: Measurement of passive intermodulation in filters	EN IEC 62037-5	2021
IEC 62037-6	2021	Passive RF and microwave devices, intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas	EN IEC 62037-6	2022



IEC 62037-7

Edition 1.0 2022-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Passive rf and microwave devices, intermodulation level measurement –
Part 7: Field measurements of passive intermodulation**

**Dispositifs rf et à micro-ondes passifs, mesure du niveau d'intermodulation –
Partie 7: Mesures de l'intermodulation passive sur le terrain**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Passive rf and microwave devices, intermodulation level measurement –
Part 7: Field measurements of passive intermodulation**

**Dispositifs rf et à micro-ondes passifs, mesure du niveau d'intermodulation –
Partie 7: Mesures de l'intermodulation passive sur le terrain**

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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.....	6
4 General considerations.....	6
4.1 Test environment.....	6
4.2 Test frequencies	6
4.3 Safety	6
5 Field PIM test equipment.....	7
6 Test procedure	7
6.1 General.....	7
6.2 Equipment verification.....	7
6.2.1 General	7
6.2.2 Clean and inspect RF connections.....	7
6.2.3 Residual PIM test	7
6.2.4 PIM standard test	7
6.3 VSWR verification	8
6.4 Interference verification	8
6.5 Static PIM test	8
6.6 Dynamic PIM test.....	8
6.6.1 General	8
6.6.2 Coaxial cable assemblies	9
6.6.3 Coaxial connectors	9
6.6.4 Splitters, combiners, filters and receive low noise amplifiers.....	9
6.6.5 Antennas	9
7 Test specification	9
8 Report	9
Annex A (informative) Distance-to-PIM measurements.....	10
Figure A.1 – Internal vs. external PIM sources.....	11

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PASSIVE RF AND MICROWAVE DEVICES,
INTERMODULATION LEVEL MEASUREMENT –**
Part 7: Field measurements of passive intermodulation**FOREWORD**

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Draft	Report on voting
46/903/FDIS	46/912/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.

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PASSIVE RF AND MICROWAVE DEVICES, INTERMODULATION LEVEL MEASUREMENT –

Part 7: Field measurements of passive intermodulation

1 Scope

This part of IEC 62037 defines test methods for reverse measurement of passive intermodulation (PIM) in systems of RF components deployed in the field. Field PIM measurements can be conducted on RF systems terminated into low PIM loads or on antenna feed systems that broadcast the test signals into the environment.

2 Normative references

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