

Passive RF and Microwave devices, intermodulation level measurement - Part 7: Field measurements of passive intermodulation

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**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 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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**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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IEC Secretariat
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Passive rf and microwave devices, intermodulation level measurement –
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Partie 7: Mesures de l'intermodulation passive sur le terrain**

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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.

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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

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.

IEC 62037-1:2021, *Passive RF and microwave devices, intermodulation level measurement – Part 1: General requirements and measuring methods*

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

IEC 62037-3:2021, *Passive RF and microwave devices, intermodulation level measurement – Part 3: Measurement of passive intermodulation in coaxial connectors*

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

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

3 Terms, definitions and abbreviated terms

3.1 Terms and definitions

No terms and definitions are listed in this document.

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