

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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

**Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation –  
Partie 3: Mesure de l'intermodulation passive dans les connecteurs coaxiaux**





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**PASSIVE RF AND MICROWAVE DEVICES,  
INTERMODULATION LEVEL MEASUREMENT –****Part 3: Measurement of passive intermodulation in coaxial connectors**

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IEC 62037-3 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 third edition cancels and replaces the second edition published in 2021. This edition constitutes a technical revision.

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

- a) impact test requirements for multi-channel connectors added;
- b) method for calculating impact energy added for connector shapes other than round;

- c) revised test considerations for achieving maximum PIM in reverse (reflected) PIM measurements;
- d) added clarification that PIM tests reports shall include the maximum PIM value measured.

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

Draft	Report on voting
46/1040/FDIS	46/1044/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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

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