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

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ICS 33.040.20, 33.120.10

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62037-2

December 2021

ICS 33.040.20; 33.120.10

Supersedes EN 62037-2:2013 and all of its amendments and corrigenda (if any)

English Version

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

Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation - Partie 2: Mesure de l'intermodulation passive dans les cordons coaxiaux (IEC 62037-2:2021)

Passive HF- und Mikrowellenbauteile, Messung des Intermodulationspegels - Teil 2: Messung der passiven Intermodulation in konfektionierten Koaxialkabeln (IEC 62037-2:2021)

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European foreword

The text of document 46/835/FDIS, future edition 2 of IEC 62037-2, 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 62037-2:2021.

The following dates are fixed:

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
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 62037-3	-	Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors	EN IEC 62037-3	-
IEC 62037-4	-	Passive RF and microwave devices, intermodulation level measurement - Part 4: Measurement of passive intermodulation in coaxial cables	EN 62037-4	-

IEC 62037-2

Edition 2.0 2021-11

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Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation – Partie 2: Mesure de l'intermodulation passive dans les cordons coaxiaux



IEC 62037-2:2021-11(en-fr)

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

Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation – Partie 2: Mesure de l'intermodulation passive dans les cordons coaxiaux

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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PASSIVE RF AND MICROWAVE DEVICES, INTERMODULATION LEVEL MEASUREMENT –

Part 2: Measurement of passive intermodulation in coaxial cable assemblies

FOREWORD

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IEC 62037-2 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 2012. This edition constitutes a technical revision.

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

a) criteria for application of mechanical stress revised to be a function of advertised cable bend radius.

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

Draft	Report on voting
46/835/FDIS	46/856/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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