



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN IEC 62209-3:2019

Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-

Messverfahren für die Beurteilung der
spezifischen Absorptionsrate bei der
Exposition von Personen gegenüber
hochfrequenten Feldern von

Procédure de mesure pour l'évaluation
du débit d'absorption spécifique de
l'exposition humaine aux champs
radiofréquence produits par les



National Foreword

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English Version

**Measurement procedure for the assessment of specific
absorption rate of human exposure to radio frequency fields from
hand-held and body-mounted wireless communication devices -
Part 3: Vector measurement-based systems (Frequency range
of 600 MHz to 6 GHz)
(IEC 62209-3:2019)**

Procédure de mesure pour l'évaluation du débit
d'absorption spécifique de l'exposition humaine aux champs
radiofréquence produits par les dispositifs de
communications sans fil tenus à la main ou portés près du
corps - Partie 3: Systèmes basés sur la mesure vectorielle
(plage de fréquences comprise entre 600 MHz et 6 GHz)
(IEC 62209-3:2019)

Messverfahren für die Beurteilung der spezifischen
Absorptionsrate bei der Exposition von Personen
gegenüber hochfrequenten Feldern von handgehaltenen
und am Körper getragenen schnurlosen
Kommunikationsgeräten - Teil 3: Auf Vektormessungen
basierende Systeme (Frequenzbereich von 600 MHz bis 6
GHz)
(IEC 62209-3:2019)

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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 106/494/FDIS, future edition 1 of IEC 62209-3, prepared by IEC/TC 106 "Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62209-3:2019.

The following dates are fixed:

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-10-29

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

ISO/IEC 17025	NOTE	Harmonized as EN ISO/IEC 17025
ISO 3611:2010	NOTE	Harmonized as EN ISO 3611:2010 (not modified)
ISO/IEC 17043	NOTE	Harmonized as EN ISO/IEC 17043

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62209-1	2016	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz)	EN 62209-1	2016
IEC 62209-2	2010	Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)	EN 62209-2	2010
IEC 62479	-	Assessment of the compliance of low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)	EN 62479	-
IEC TR 62630	2010	Guidance for evaluating exposure from multiple electromagnetic sources	-	-
ISO/IEC Guide 98-1 2009		Uncertainty of measurement – Part 1: Introduction to the expression of uncertainty in measurement	-	-
ISO/IEC Guide 98-3 -		Uncertainty of measurement - Part 3: Guide to the expression of uncertainty in measurement (GUM:1995)	-	-
IEC/IEEE 62704-1 -		Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 1: General requirements for using the finite difference time-domain (FDTD) method for SAR calculations	-	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE



HORIZONTAL STANDARD
NORME HORIZONTALE

Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –

Part 3: Vector measurement-based systems (Frequency range of 600 MHz to 6 GHz)

**Procédure de mesure pour l'évaluation du débit d'absorption spécifique de l'exposition humaine aux champs radiofréquence produits par les dispositifs de communications sans fil tenus à la main ou portés près du corps –
Partie 3: Systèmes basés sur la mesure vectorielle (plage de fréquences comprise entre 600 MHz et 6 GHz)**

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