

## Deutsche Akkreditierungsstelle

### Annex to the Accreditation Certificate D-K-17726-01-00 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 23.06.2023

**Date of issue:** 23.06.2023

Holder of accreditation certificate:

**Narda Safety Test Solutions GmbH**  
**Sandwiesenstraße 7, 72793 Pfullingen**

The calibration laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The calibration laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of calibration laboratories and confirm generally with the principles of DIN EN ISO 9001.

Calibration in the fields:

**Electrical quantities**

**High frequency quantities**

- Electric field

**Magnetic quantities**

- Magnetic field

*This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de>.*

Abbreviations used: see last page

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**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

**Annex to the Accreditation Certificate D-K-17726-01-00**

**Permanent Laboratory**

**Calibration and Measurement Capabilities (CMC)**

Measurement quantity / Calibration item	Range	Measurement conditions / procedure	Expanded uncertainty of measurement	Remarks
Electrical field / Field measuring devices		IEEE Std 1309-2013		
	2 V/m to 100 V/m	9 kHz to 30 MHz	11 %	TEM-Cell (40 cm)
		> 30 MHz to 100 MHz	12 %	H
	5 V/m to 300 V/m	9 kHz to 50 MHz	7 %	TEM-Cell (15 cm)
		> 50 MHz to 300 MHz	9 %	H
	1 V/m to 110 V/m	0.20 GHz to < 0.25 GHz	14 %	Antenna radiation field
	1 V/m to 110 V/m	0.25 GHz to 1.8 GHz	12 %	
1 V/m to 150 V/m	1.8 GHz to < 5.8 GHz	11 %	Antenna radiation field	
5 V/m to 150 V/m	5.8 GHz to 18.0 GHz	11 %	H	
Magnetic field / Field measuring devices		IEEE Std 1309-2013		
	6 mA/m to 0.26 A/m	9 kHz to 30 MHz	11 %	TEM-Cell (40 cm) H

H – Quantity can be calculated to energy flux density under far field conditions

**Abbreviations used:**

CMC	Calibration and measurement capabilities (Kalibrier- und Messmöglichkeiten)
DIN	Deutsches Institut für Normung e.V.
IEEE	Institut of Electrical and Electronics Engineers
IEEE Std 1309-2013	Standard for Calibration of Electromagnetic Field Sensors and Probes (Excluding Antennas) from 9 kHz to 40 GHz
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation

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