

## Deutsche Akkreditierungsstelle GmbH

### Annex to the Accreditation Certificate D-PL-20211-01-01 according to DIN EN ISO/IEC 17025:2018

Valid from: 2020-10-21

Date of issue: 2020-10-21

Holder of certificate:

**KFE Kompetenzzentrum Fahrzeug Elektronik GmbH**  
**Erwitter Straße 105, 59557 Lippstadt**

Location:

**Prüflabor nach DIN EN ISO/IEC 17025**  
**Erwitter Straße 105, 59557 Lippstadt**

Tests in the fields:

**Electromagnetic Compatibility (EMC)**

Depart- ment	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
EMC	CISPR 25 Edition 3.0 :2009-03	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	Without Chapter 5  Only Components and Modules  Antenna Distance max. 1m

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

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.  
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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Department	Standard / in house procedure / Version	Title of standard or in house procedure (deviations / modifications of standard)	Test area / reductions
EMC	ISO 11452-1:2015-06	Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 1: General principles and terminology	
EMC	ISO 11452-2:2004-11	Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 2: Absorber-lined shielded enclosure	Only Components and Modules  Antenna Distance max. 1m
EMC	ISO 11452-4:2011-12	Road vehicles – Component test methods for electrical disturbances from narrowband radiated electromagnetic energy – Part 4: Harness excitation methods	Only Components and Modules
EMC	ISO 11452-5:2002-04	Road vehicles – Component test methods for electrical disturbances by narrowband radiated electromagnetic energy – Part 5: Stripline	
EMC	ISO 11452-8:2015-06	Road vehicles – Component test methods for electrical disturbances by narrowband radiated electromagnetic energy – Part 8: Immunity to magnetic fields	Without Direct Current Testing (0 Hz)
EMC	ISO 11452-9:2012-05	Road vehicles – Component test methods for electrical disturbances by narrowband radiated electromagnetic energy – Part 9: Portable transmitters	Frequency Range 360 MHz to 2,7 GHz
EMC	ISO 7637-1:2015-10	Road vehicles – Electrical disturbances from conduction and coupling – Part 1: Definitions and general considerations	
EMC	ISO 7637-2:2011-03	Road vehicles – Electrical disturbances from conduction and coupling – Part 2: Electrical transient conduction along supply lines only	
EMC	ISO 7637-3:2011-03	Road vehicles – Electrical disturbances from conduction and coupling – Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMC	ISO 10605:2008-07	Road vehicles – Test methods for electrical disturbances from electrostatic discharge	

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EMC	ISO 16750-2:2012-11	Road vehicles – Environmental conditions and testing for electrical and electronic equipment – Part 2: Electrical loads	Only Subpart 4.6.4