

Annex to the accreditation certificate: N° 1/051 According to standard ISO/IEC 17025:2017 For a testing laboratory

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Objects submitted for testing	Characteristics or properties measured	Measurement principle and equipment	Test methods
(e.g. products, materials, samples, matrices, equipment)		(e.g. manual or automatic measurement)	(e.g. published, adapted, checked internally)
General domain: LAB17 – Electrical safety			
Technical domain: LAB17.2 – Testing of electromagnetic compatibility – emission			
Electrical / electronic equipment for mounting in vehicles	Measurement of electromagnetic disturbances emitted by conducted and radiated emissions	Installation of a measurement chain by an operator and automated recording of data measured using calibrated and computerised equipment	According to CISPR 25:2008/COR1:2009 1) conducted emissions from components/modules – Voltage method 2) conducted emissions from components/modules – current probe method 3) radiated emissions from components/modules - ALSE method
Electrical / electronic equipment for mounting in vehicles	Measurement of electromagnetic disturbances emitted by conducted and radiated emissions	Installation of a measurement chain by an operator and automated recording of data measured using calibrated and computerised equipment	According to CISPR25: Edition 5.0 2021-12 A) For LV components test methods 1. Conducted emissions from components / modules – Voltage method: limited to test setup for EUT with power return line remotely grounded (Fig.9) and test setup for EUT with power return line locally grounded (Fig.10) 2. Conducted emissions from components/modules – current probe method. 3. Radiated emissions from components/modules – ALSE method B) For HV/LV components test methods 1. Conducted emissions from components/modules – Voltage method. Limited to test setup for EUTs* with shielded power supply systems (Fig.H1)

Objects submitted for testing	Characteristics or properties measured	Measurement principle and equipment	Test methods
			<p>2. Conducted emissions from components /modules – Current probe method. Limited to test setup for EUTs* with shielded power supply systems (Fig. H5)</p> <p>3. Radiated emissions from components/modules – ALSE method. Limited to test setup for EUTs* with shielded power supply systems (Fig.H9)</p> <p>*: Tests can only be performed, if the laboratory client provides a real EUT load or a simulated load with the EUT.</p>
<p>Technical domain: LAB17.3 – Testing of electromagnetic compatibility – immunity</p>			
<p>Electrical / electronic equipment for mounting in vehicles</p>	<p>Immunity of equipment subjected to electrical disturbances by narrow band electromagnetic energy radiation</p>	<p>Installation of a measurement chain by an operator and automated recording of data measured using calibrated and computerised equipment</p>	<p>1) According to ISO 11452-2 :2004 Limitation: max. test frequency = 6 GHz</p> <p>2) According to ISO 11452-4:2011 – BCI test method</p>