List of all accredited test procedures[1] applying standard test methods or equivalent methods with different issue dates within flexible scope (category III) according to DAkkS rule 71 SD 0 002 and the requirements for the Accreditation of Flexible Scopes according to mandatory procedure EA-2/15 M:2019 published by European Accreditation (EA)

based on the

Annexes to Accreditation Certificates D-PL-12155-01-02 and D-PL-12155-01-05

According to DIN EN ISO/IEC 17025:2018

issued on 6 April 2020 by the

Deutsche Akkreditierungsstelle GmbH

Holder of certificate: **Element Materials Technology Straubing GmbH**
Gustav-Hertz-Straße 35, 94315 Straubing

Tests in the fields: **Electromagnetic Compatibility (EMC)**
Telecommunication/Radio
Safety of Electrical Appliances
Environmental testing

Within the scope of accreditation marked with *), the testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standard testing methods listed here with different issue dates.

[1] The annexes to the accreditation certificates D-PL-12155-01-01 (Testing of compatibility to electromagnetic disturbances (EMC) of active medical devices), D-PL-12155-01-03 (Telecommunication (TC) and Electromagnetic Compatibility (EMC) for Canadian Standards) und D-PL-12155-01-04 (Electromagnetic Compatibility and Telecommunication (FCC Requirements)) are not covered by this document as flexible scope does not apply for the test procedures listed there.

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Notes to colour marking:

1. Items without colour marking are identical to the annex to the certificates dated 6 April 2020.
2. The issue date of items marked in light green is updated within flexible scope.
3. With items marked in light blue the reduction to the test procedure has changed.
4. Items marked in light orange are not included in the existing annex to the appropriate certificate as a separate item, but are referred to as an equivalent standard in the title of a standard listed. For simplifying the maintenance of the next annex to the certificates, standards published by IEC will be listed as separate items, irrespective of whether their text has been approved by CENELEC with or without any modification.

Issue date: 18 October 2021

1. Standards within flexible scope (*)

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
1.1. Field of EMC[2]			
1.1.1. Basic standards			
EMC	DIN EN 55016-1-4: 2013-05	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements (CISPR 16-1-4:2010 + Cor. 1:2010 + A1:2012); German version EN 55016-1-4:2010 + A1:2012	Validation by the NSA method according to clause 5 only
EMC	CISPR 16-1-4:2010-04 + A1:2012-07 + A2:2017-01	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements (CISPR 16-1-4:2010 + Cor. 1:2010 + A1:2012); German version EN 55016-1-4:2010 + A1:2012	Validation by the NSA method according to clause 5 only
EMC	DIN EN 55016-2-1: 2019-11	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements (CISPR 16-2-1:2014 + A1:2017); German version EN 55016-2-1:2014 + A1:2017	

[2] Im Bereich EMV wird auf das Dokument 71 SD 004-01 EMV Anforderungen Anlage 1 (Musteranlage zur Akkreditierungsurkunde) verwiesen

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	CISPR 16-2-1:2014-02 + A1:2017-06 + COR1:2020-08	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	No tests according to clause 7.4.3.2 (delta-network)
EMC	DIN EN 55016-2-2: 2011-09	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power (CISPR 16-2-2:2010); German version EN 55016-2-2:2011	
EMC	CISPR 16-2-2:2010-07	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-2: Methods of measurement of disturbances and immunity - Measurement of disturbance power	
EMC	DIN EN 55016-2-3: 2014-11	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (CISPR 16-2-3:2010 + A1:2010 + A2:2014); German version EN 55016-2-3:2010 + A1:2010 + AC:2013 + A2:2014	No reverberation chamber, no TEM cell
EMC	CISPR 16-2-3:2016-09	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements (CISPR 16-2-3:2010 + A1:2010 + A2:2014); German version EN 55016-2-3:2010 + A1:2010 + AC:2013 + A2:2014	No reverberation chamber, no TEM cell
EMC	DIN EN 55016-2-4: 2005-09	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-4: Methods of measurement of disturbances and immunity - Immunity measurements (IEC/CISPR 16-2-4:2003); German version EN 55016-2-4:2004	No TEM cell
EMC	DIN EN 61000-4-2: 2009-12	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test (IEC 61000-4-2:2008); German version EN 61000-4-2:2009	
EMC	DIN EN 61000-4-3: 2011-04	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (IEC 61000-4-3:2006 + A1:2007 + A2:2010); German version EN 61000-4-3:2006 + A1:2008 + A2:2010	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	DIN EN 61000-4-4: 2013-04	Electromagnetic compatibility (EMC) - Part 4-4:Testing and measurement techniques - Electrical fast transient/burst immunity test (IEC 61000-4-4:2012); German version EN 61000-4-4:2012	
EMC	DIN EN 61000-4-5: 2015-03	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test (IEC 61000-4-5:2014); German version EN 61000-4-5:2014	
EMC	IEC 61000-4-5:2014-05 + A1:2017-08	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	
EMC	DIN EN 61000-4-6: 2014-08	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields (IEC 61000-4-6:2013); German version EN 61000-4-6:2014	
EMC	DIN EN 61000-4-8: 2010-11	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test (IEC 61000-4-8:2009); German version EN 61000-4-8:2010	
EMC	DIN EN 61000-4-9: 2017-05	Electromagnetic compatibility (EMC) - Part 4-9: Testing and measurement techniques - Impulse magnetic field immunity test (IEC 61000-4-9:2016); German version EN 61000-4-9:2016	
EMC	DIN EN 61000-4-11: 2005-02	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests (IEC 61000-4-11:2004); German version EN 61000-4-11:2004	
EMC	IEC 61000-4-11:2004-03 + A1:2017-05	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	
EMC	DIN EN 61000-4-29: 2001-10	Electromagnetic compatibility (EMC) - Part 4-29: Testing and measurement techniques; Voltage dips, short interruptions and voltage variations on d.c. input power port immunity tests (IEC 61000-4-29:2000); German version EN 61000-4-29:2000	
		1.1.2. Generic standards	
EMC	DIN EN 61000-6-1: 2007-10	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments (IEC 61000-6-1:2005); German version EN 61000-6-1:2007	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	IEC 61000-6-1:2016-08	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments	
EMC	DIN EN 61000-6-2: 2006-03	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments (IEC 61000-6-2:2005); German version EN 61000-6-2:2005	
EMC	IEC 61000-6-2:2016-08	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments	
EMC	DIN EN 61000-6-3: 2011-09	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments (IEC 61000-6-3:2006 + A1:2010); German version EN 61000-6-3:2007 + A1:2011	
EMC	DIN EN 61000-6-4: 2011-09	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments (IEC 61000-6-4:2006 + A1:2010); German version EN 61000-6-4:2007 + A1:2011	
EMC	IEC 61000-6-4:2018-02	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	
EMC	DIN EN 61000-6-5: 2016-07	Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment (IEC 61000-6-5:2015); German version EN 61000-6-5	
EMC	IEC 61000-6-5:2015-08	Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment	
EMC	DIN EN 61000-6-7: 2015-12	Electromagnetic compatibility (EMC) - Part 6-7: Generic standards - Immunity requirements for equipment intended to perform functions in a safety-related system (functional safety) in industrial locations (IEC 61000-6-7:2014); German version EN 61000-6-7:2015	No tests according to EN 61000‑4‑16 and EN 61000−4−34

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
1.1.3. Product family standards			
EMC	DIN EN 55011:2018-05	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement (CISPR 11:2015, modified + A1:2017); German version EN 55011:2016 + A1:2017	No measurement of conducted disturbances at d.c. power ports of Grid Connected Power Converters (GCPCs) according to clause 8.2.2.2
EMC	CISPR 11:2015-06 + A1:2016-06	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	No measurement of conducted disturbances at d.c. power ports of Grid Connected Power Converters (GCPCs) according to clause 8.2.2.2
EMC	DIN EN 55012:2010-04	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers (IEC/CISPR 12:2007 + A1:2009) German version EN 55012:2007 + A1:2009	No tests of vehicles and boats with a length exceeding 3 m
EMC	DIN EN 55013:2017-03	Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement (CISPR 13:2009, modified + AMD1:2015, modified); German version EN 55013:2013 + A1:2016	
EMC	CISPR 13:2009-06 + A1:2015-01	Sound and television broadcast receivers and associated equipment -Radio disturbance characteristics - Limits and methods of measurement	
EMC	DIN EN 55014-1:2018-08	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission (CISPR 14-1:2016 + COR1:2016); German version EN 55014-1:2017	No TEM cell; no testing according to EN 61000-4-20 and EN 61000-4-22
EMC	DIN EN 55014-2:2016-01	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard (CISPR 14-2:2015); German version EN 55014-2:2015	
EMC	DIN EN 55015:2016-04	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment (CISPR 15:2013 + IS1:2013 + IS2:2013 + A1:2015); German version EN 55015:2013 + A1:2015	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	CISPR 15:2013-05 + A1:2015-03	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	
EMC	DIN EN 55020:2007-09	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement (IEC/CISPR 20:2006); German version EN 55020:2007	
EMC	DIN EN 55020/A11: 2012-06	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement; German version EN 55020:2007/A11:2011	
EMC	DIN EN 55020/A12: 2017-01	Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement; German version EN 55020:2007/A12:2016	
EMC	CISPR 20:2006-11 + A1:2013-10	Sound and television broadcast receivers and associated equipment -Immunity characteristics - Limits and methods of measurement	
EMC	DIN EN 55022:2011-12	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement (CISPR 22:2008, modified); German version EN 55022:2010	
EMC	CISPR 22:2008-09	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement	
EMC	DIN EN 55024:2016-05	Information technology equipment - Immunity characteristics - Limits and methods of measurement (CISPR 24:2010 + Cor.:2011 + A1:2015); German version EN 55024:2010 + A1:2015	
EMC	DIN EN 55032:2016-02	Electromagnetic compatibility of multimedia equipment - Emission Requirements (CISPR 32:2015); German version EN 55032:2015	
EMC	DIN EN 55032/A11: 2021-03	Electromagnetic compatibility of multimedia equipment - Emission Requirements; German version EN 55032:2015/A11:2020	
EMC	CISPR 32:2015-03 + A1:2019-10	Electromagnetic compatibility of multimedia equipment - Emission requirements	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	DIN EN 55035:2018-04	Electromagnetic compatibility of multimedia equipment - Immunity requirements (CISPR 35:2016, modified); German version EN 55035:2017	No testing of xDSL ports to broadband impulsive conducted disturbances according to clause 4.2.7
EMC	CISPR 35:2016-08	Electromagnetic compatibility of multimedia equipment - Immunity requirements	No testing of xDSL ports to broadband impulsive conducted disturbances according to clause 4.2.7
EMC	DIN EN 50065-1:2012-01	Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz - Part 1: General requirements, frequency bands and electromagnetic disturbances; German version EN 50065-1:2011	
EMC	DIN EN 55103-1:2013-11	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 1: Emissions; German version EN 55103-1:2009 + A1:2012	
EMC	DIN EN 55103-2:2010-07	Electromagnetic compatibility - Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use - Part 2: Immunity; German version EN 55103-2:2009	
EMC	DIN EN 50121-3-2: 2017-11	Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus; German version EN 50121-3-2:2016	
EMC	IEC 62236-3-2:2018-02	Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus	
EMC	DIN EN 50121-4:2017-11	Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus; German version EN 50121-4:2016	
EMC	IEC 62236-4:2018-02	Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	DIN EN 50130-4:2015-04	Alarm systems - Part 4: Electromagnetic compatibility - Product family standard: Immunity requirements for components of fire, intruder, hold up, CCTV, access control and social alarm systems; German version EN 50130-4:2011 + A1:2014	
EMC	DIN EN 50155:2008-03	Railway applications - Electronic equipment used on rolling stock; German version EN 50155:2007	
EMC	DIN EN 50155:2018-05	Railway applications - Rolling stock - Electronic equipment; German version EN 50155:2017	
EMC	DIN EN 50270:2015-10	Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen; German version EN 50270:2015	
EMC	DIN EN 60945:2003-07	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results (IEC 60945:2002); German version EN 60945:2002	
EMC	DIN EN 60974-10: 2016-10	Arc welding equipment - Part 10: Electromagnetic compatibility (EMC) requirements (IEC 60974-10:2014 + A1:2015); German version EN 60974-10:2014 + A1:2015	
EMC	DIN EN 61000-3-2: 2015-03	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2014); German version EN 61000-3-2:2014	
EMC	IEC 61000-3-2:2018-01	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	
EMC	DIN EN 61000-3-3: 2014-03	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013); German version EN 61000-3-3:2013	
EMC	IEC 61000-3-3:2013-05 + A1:2017-05	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	DIN EN 61131-2:2008-04	Programmable controllers - Part 2: Equipment requirements and tests (IEC 61131-2:2007); German version EN 61131-2:2007	EMC tests according to clauses 8 and 9 only
EMC	IEC 61131-2:2017-08	Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests	EMC tests according to clause 7 only
EMC	DIN EN 61204-3:2001-10	Low-voltage power supplies DC output - Part 3: Electromagnetic compatibility (EMC) (IEC 61204-3:2000); German version EN 61204-3:2000	
EMC	IEC 61204-3:2016-10	Low-voltage switch mode power supplies - Part 3: Electromagnetic compatibility (EMC)	
EMC	I.S. EN IEC 61326-1:2021 (2021-07-02)	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements; Irish version of EN IEC 61326-1:2021	
EMC	IEC 61326-1:2020-10	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	
EMC	DIN EN 61326-2-1: 2013-08	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-1: Particular requirements - Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications (IEC 61326-2-1:2012); German version EN 61326-2-1:2013	
EMC	DIN EN 61326-2-2: 2013-08	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems (IEC 61326-2-2:2012); German version EN 61326-2-2:2013	
EMC	DIN EN 61326-2-3: 2013-07	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning (IEC 61326-2-3:2012); German version EN 61326-2-3:2013	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	DIN EN 61326-2-4: 2013-07	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9 (IEC 61326-2-4:2012); German version EN 61326-2-4:2013	
EMC	DIN EN 61326-2-5: 2013-08	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-5: Particular requirements - Test configurations, operational conditions and performance criteria for field devices with field bus interfaces according to IEC 61784-1 (IEC 61326-2-5:2012); German version EN 61326-2-5:2013	
EMC	DIN EN 61326-3-1: 2018-04	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications (IEC 61326-3-1:2017); German version EN 61326-3-1:2017	
EMC	IEC 61326-3-1:2017-05	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications	
EMC	DIN EN 61326-3-2: 2008-11	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment (IEC 61326-3-2:2008); German version EN 61326-3-2:2008	
EMC	IEC 61326-3-2:2017-05	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-2: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment	
EMC	DIN EN 61547:2010-03	Equipment for general lighting purposes - EMC immunity requirements (IEC 61547:2009); German version EN 61547:2009	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	DIN EN 61800-3:2012-09	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods (IEC 61800-3:2004 + A1:2011); German version EN 61800-3:2004 + A1:2012	For test items with rated current not exceeding 32 A only
EMC	IEC 61800-3:2017-02	Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods	For test items with rated current not exceeding 32 A only
EMC	DIN EN 62040-2:2006-07	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements (IEC 62040-2:2005); German version EN 62040-2:2006	For test items with rated current not exceeding 32 A only
EMC	IEC 62040-2:2016-11	Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements	For test items with rated current not exceeding 32 A only
EMC	DIN EN 62135-2:2015-11	Resistance welding equipment - Part 2: Electromagnetic compatibility (EMC) requirements (IEC 62135-2:2015); German version EN 62135-2:2015	
EMC	DIN EN 50498:2011-04	Electromagnetic compatibility (EMC) - Product family standard for aftermarket electronic equipment in vehicles; German version EN 50498:2010	
1.1.4. EMC in the field of telecommunication according to Article 3.1 b) of RE and R&TTE Directive respectively			
EMC	ETSI EN 300 339 V1.1.1 (1998-06)	Electromagnetic compatibility and Radio spectrum Matters (ERM); General ElectroMagnetic Compatibility (EMC) for radio communications equipment	
EMC	ETSI EN 300 386 V2.1.1 (2016-07)	Telecommunication network equipment; ElectroMagnetic Compatibility (EMC) requirements; Harmonised Standard covering the essential requirements of the Directive 2014/30/EU	
EMC	ETSI EN 301 489-1 V2.2.3 (2019-11)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility	
EMC	ETSI EN 301 489-3 V2.1.1 (2019-03)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU	Radio devices with carrier frequency up to 40 GHz

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	ETSI EN 301 489-4 V3.2.1 (2019-04)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 4: Specific conditions for fixed radio links and ancillary equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU	
EMC	ETSI EN 301 489-5 V2.2.1 (2019-04)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Private land Mobile Radio (PMR) and ancillary equipment (speech and non-speech) and Terrestrial Trunked Radio (TETRA); Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU	
EMC	ETSI EN 301 489-6 V2.2.1 (2019-04)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 6: Specific conditions for Digital Enhanced Cordless Telecommunications (DECT) equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU	No radio communication tester available
EMC	ETSI EN 301 489-7 V1.3.1 (2005-11)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS)	No radio communication tester available
EMC	ETSI EN 301 489-9 V2.1.1 (2019-04)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU	
EMC	ETSI EN 301 489-13 V1.2.1 (2002-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 13: Specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech)	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	ETSI EN 301 489-15 V2.2.1 (2019-04)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 15: Specific conditions for commercially available amateur radio equipment; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU	
EMC	ETSI EN 301 489-16 V1.2.1 (2002-08)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 16: Specific conditions for analogue cellular radio communications equipment, mobile and portable	
EMC	ETSI EN 301 489-17 V3.2.4 (2020-09)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard for ElectroMagnetic Compatibility	
EMC	ETSI EN 301 489-25 V2.3.2 (2005-07)	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 25: Specific conditions for CDMA 1x spread spectrum Mobile Stations and ancillary equipment	
EMC	ETSI EN 301 489-34 V2.1.1 (2019-04)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 34: Specific conditions for External Power Supply (EPS) for mobile phones; Harmonised Standard covering the essential requirements of article 6 of Directive 2014/30/EU	
EMC	Draft ETSI EN 301 489-52 V1.1.2 (2020-12)	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication User Equipment (UE) radio and ancillary equipment; Harmonised Standard for ElectroMagnetic Compatibility	No radio communication tester available
1.1.5. EMF/EMCE			
EMC	DIN EN 50364:2010-11	Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications; German version EN 50364:2010	Highest frequency of test range limited to 40 GHz

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	EN 50364:2018-01	Product standard for human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications	Highest frequency of test range limited to 40 GHz
EMC	DIN EN 62233:2008-11	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure (IEC 62233:2005, modified); German version EN 62233:2008	Simplified test procedures according to clause 5.5.4 only
EMC	DIN EN 62311:2008-09	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz) (IEC 62311:2007, modified); German version EN 62311:2008	Highest frequency of test range limited to 40 GHz; far and near field calculation according to Annex A and E and H measurement according to Annex F only
EMC	IEC 62311:2007-08	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)	Highest frequency of test range limited to 40 GHz; far and near field calculation according to Annex A and E and H measurement according to Annex F only
EMC	DIN EN 62369-1:2010-03	Evaluation of human exposure to electromagnetic fields from short range devices (SRDs) in various applications over the frequency range 0 GHz to 300 GHz - Part 1: Fields produced by devices used for electronic article surveillance, radio frequency identification and similar systems (IEC 62369-1:2008); German version EN 62369-1:2009	Highest frequency of test range limited to 40 GHz; direct measurements for comparison against reference values according to clause 4.2.2 only
EMC	DIN EN 62479:2011-09	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) (IEC 62479:2010, modified); German version EN 62479:2010	Highest frequency of test range limited to 40 GHz
EMC	IEC 62479:2010-06	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)	Highest frequency of test range limited to 40 GHz

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	IEEE C95.3-2002 (R2008)	IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to Such Fields, 100 kHz–300 GHz	Highest frequency of test range limited to 40 GHz; measurement procedures for external fields according to clause 6.3 only
1.1.6. Vehicles (Automotive)			
EMC	DIN EN 55025:2018-03	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers (CISPR 25:2016 + COR1:2017); German version EN 55025:2017 + AC:2017	Measurements of components and modules only
EMC	ISO 7637-2:2011-03 Edition 3	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only	
EMC	ISO 7637-3:2016-07 Edition 3	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 Edition 2 + COR1:2010-03 + A1:2014-04	Road vehicles - Test methods for electrical disturbances from electrostatic discharge	
EMC	ISO 11452-2:2019-01 Edition 3	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure	
EMC	ISO 11452-4:2020-04 Edition 5	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	No tests with tubular wave coupler according to clauses 6.2 and 9.3.2
EMC	ISO 11452-5:2002-04 Edition 2	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 5: Stripline	
EMC	ISO 11452-8:2015-06 Edition 2	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields	No tests with Helmholtz coil according to clauses 7.5 and 8.3.2

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
EMC	ISO 11452-9:2012-05 Edition 1	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 9: Portable transmitters	
EMC	Methods of measurement according to Annexes 4 to 22 of UNECE Regulation No. 10, Revision 5 (2014-10-16) + Amendment 1 (2016-10-28)	Agreement concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions	Tests according to Annexes 7 to 10 and Annexes 17 to 22 only; no tests in TEM cell
1.1.7. Procedures of foreign standards organisations			
EMC	ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	Highest frequency of test range limited to 40 GHz, no GTEM cell
EMC	ANSI C63.4a-2017	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz Amendment 1: Test Site Validation	
1.2. Field of Telecommunication			
1.2.1. Procedures of European standards organisations			
TC/Radio	ETSI EN 300 220-1 V3.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 1: Technical characteristics and methods of measurement	
TC/Radio	ETSI EN 300 220-2 V3.2.1 (2018-06)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 2: Harmonised Standard for access to radio spectrum for non specific radio equipment	
TC/Radio	ETSI EN 300 220-3-1 V2.1.1 (2016-12)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 3-1: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Low duty cycle high reliability equipment, social alarms equipment operating on designated frequencies (869,200 MHz to 869,250 MHz)	
TC/Radio	ETSI EN 300 220-3-2 V1.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 3-2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Wireless alarms operating in designated LDC/HR frequency bands 868,60 MHz to 868,70 MHz, 869,25 MHz to 869,40 MHz, 869,65 MHz to 869,70 MHz	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
TC/Radio	ETSI EN 300 220-4 V1.1.1 (2017-02)	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz; Part 4: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU; Metering devices operating in designated band 169,400 MHz to 169,475 MHz	
TC/Radio	ETSI EN 300 296 V2.1.1 (2016-03)	Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
TC/Radio	ETSI EN 300 328 V2.2.2 (2019-07)	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum	
TC/Radio	ETSI EN 300 330 V2.1.1 (2017-02)	Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC/Radio	ETSI EN 300 440 V2.2.1 (2018-07)	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum	Highest frequency of test range limited to 40 GHz
TC/Radio	ETSI EN 301 357 V2.1.1 (2017-06)	Cordless audio devices in the range 25 MHz to 2000 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC/Radio	ETSI EN 301 893 V2.1.1 (2017-05)	5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
TC/Radio	ETSI EN 302 208 V3.1.1 (2016-11)	Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
TC/Radio	ETSI EN 302 291-1 V1.1.1 (2005-07)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 1: Technical characteristics and test methods	
TC/Radio	ETSI EN 302 291-2 V1.1.1 (2005-07)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Close Range Inductive Data Communication equipment operating at 13,56 MHz; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive	
TC/Radio	ETSI EN 303 417 V1.1.1 (2017-09)	Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	No test of "WPT system unwanted conducted emissions" according to clause 4.3.7
1.2.2. Procedures of foreign standards organisations			
TC/Radio	ANSI C63.10-2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices Stand alone or in combination with: - Intentional Radiators (FCC Part 15, Subpart C) - U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E), Unlicensed National Information Infrastructure Devices (U-NII without DFS) - UWB Intentional Radiators (FCC Part 15, Subpart F), Ultra-wideband Operation - BPL Intentional Radiators (FCC Part 15, Subpart G), Access Broadband Over Power Line (Access BPL) - White Space Device Intentional Radiators (FCC Part 15, Subpart H), White Space Devices KDB Publication 789033	Specialized auxiliary equipment to be provided externally, highest frequency of test range limited to 40 GHz
TC/Radio	ANSI C63.17-2006	American National Standard Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
1.3. Field of Electrical Engineering			
1.3.1. Safety of electrical appliance			
Electrical engineering	DIN EN 60065:2015-11	Audio, video and similiar electronic apparatus - Safety requirements (IEC 60065:2014, modified); German version EN 60065:2014	No tests of ionizing radiation, laser power, insulated winding wires according to Annex H, hand-held remote controls, proof and comparative tracking indices, switches, flexible cords, picture tubes, flammability; mandrel tests up to 12 kV
Electrical engineering	ILNAS-EN 60065:2014/A11:2017-01	Audio, video and similiar electronic apparatus - Safety requirements (Amendment)	No tests of ionizing radiation, laser power, insulated winding wires according to Annex H, hand-held remote controls, proof and comparative tracking indices, switches, flexible cords, picture tubes, flammability; mandrel tests up to 12 kV
Electrical engineering	IEC 60065:2014-06	Audio, video and similar electronic apparatus - Safety requirements	No tests of ionizing radiation, laser power, insulated winding wires according to Annex H, hand-held remote controls, proof and comparative tracking indices, switches, flexible cords, picture tubes, flammability; mandrel tests up to 12 kV
Electrical engineering	DIN EN 60204-1:2007-06	Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2005, modified); German version EN 60204-1:2006	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	IEC 60204-1:2016-10	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	
Electrical engineering	DIN EN 60335-1:2012-10	Household and similar electrical appliances - Safety - Part 1: General requirements (IEC 60335-1:2010, modified); German version EN 60335-1:2012	
Electrical engineering	OVE EN 60335-1/A11:2016-07	Household and similar electrical appliances - Safety - Part 1: General requirements (Amendment)	
Electrical engineering	EN 60335-1:2012-01/A13: 2017-10	Household and similar electrical appliances - Safety - Part 1: General requirements (Amendment)	No protection test, no tests of ageing of rubber, flexing, proof and comparative tracking indices, coated printed circuit boards
Electrical engineering	IEC 60335-1:2010-05 + A1:2013-12 + A2:2016-05	Household and similar electrical appliances - Safety - Part 1:General requirements	
Electrical engineering	DIN EN 60335-2-14: 2017-12	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines (IEC 60335-2-14:2006, modified + A1:2008); German version EN 60335-2-14:2006 + A1:2008 + A11:2012 + A11:2012/AC:2016 + A12:2016	
Electrical engineering	IEC 60335-2-14:2016-06	Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines	
Electrical engineering	DIN EN 60335-2-15: 2019-03	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids (IEC 60335-2-15:2012, modified); German version EN 60335-2-15:2016 + A11:2018	
Electrical engineering	IEC 60335-2-15:2012-11 + A1:2016-04	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN EN 60335-2-24: 2010-12	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers (IEC 60335-2-24:2010); German version EN 60335-2-24:2010	No vibration and salt mist test; simple dispensers only
Electrical engineering	DIN EN 60335-2-24: 2019-11	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers (IEC 60335-2-24:2010 + A1:2012, modified + A2:2017); German version EN 60335-2-24:2010 + A1:2019 + A2:2019	No vibration and salt mist test; simple dispensers only
Electrical engineering	IEC 60335-2-24:2010-02 + A1:2012-05 + A2:2017-04	Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	No vibration and salt mist test; simple dispensers only
Electrical engineering	DIN EN 60598-1:2018-09	Luminaires - Part 1: General requirements and tests (IEC 60598-1:2014, modified + A1:2017); German version EN 60598-1:2015 + A1:2018	No degrees of protection (IP-code) tests, no tumbling barrel test
Electrical engineering	IEC 60598-1:2014-05 + A1:2017-09	Luminaires - Part 1: General requirements and tests	No degrees of protection (IP-code) tests, no tumbling barrel test
Electrical engineering	ÖVE-LI/EN 60598-2-1:1989	Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires	
Electrical engineering	ÖVE-LI/EN 60598-2-1:1989	Luminaires - Part 2: Particular requirements - Section 1: Fixed general purpose luminaires	
Electrical engineering	DIN EN 60598-2-2: 2012-10	Luminaires - Part 2-2: Particular requirements - Recessed luminaires (IEC 60598-2-2:2011); German version EN 60598-2-2:2012	
Electrical engineering	DIN EN 60598-2-4: 2018-11	Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires (IEC 60598-2-4:2017, modified); German version EN 60598-2-4:2018	
Electrical engineering	IEC 60598-2-4:2017-04	Luminaires - Part 2-4: Particular requirements - Portable general purpose luminaires	
Electrical engineering	DIN EN 60598-2-5: 2016-09	Luminaires - Part 2-5: Particular requirements - Floodlights (IEC 60598-2-5:2015); German version EN 60598-2-5:2015	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN VDE 0711-209: 1992-05	Luminaires; Part 2: particular requirements, section nine: photo and film luminaires (non-professional) (IEC 60598-2-9:1987); German version EN 60598-2-9:1989	No flexing test
Electrical engineering	DIN EN 60598-2-9/A1: 1996-03	Luminaires - Part 2: Particular requirements; section 9: Photo and film luminaires (non-professional) (IEC 60598-2-9:1987/A1:1993); German version EN 60598-2-9/A1:1994	No flexing test
Electrical engineering	DIN EN 60695-2-10: 2014-04	Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure (IEC 60695-2-10:2013); German version EN 60695-2-10:2013	
Electrical engineering	DIN EN 60695-2-11: 2014-11	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT) (IEC 60695-2-11:2014); German version EN 60695-2-11:2014	
Electrical engineering	DIN EN 60695-2-12: 2015-01	Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials (IEC 60695-2-12:2010 + A1:2014); German version EN 60695-2-12:2010 + A1:2014	
Electrical engineering	DIN EN 60695-2-13: 2015-01	Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials (IEC 60695-2-13:2010 + Cor.:2012 + A1:2014); German version EN 60695-2-13:2010 + A1:2014	
Electrical engineering	DIN EN 60695-11-5: 2017-12	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-5:2016); German version EN 60695-11-5:2017	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN EN 60950-1:2014-08	Information technology equipment - Safety - Part 1: General requirements (IEC 60950-1:2005, modified + Cor.:2006 + A1:2009, modified + A1:2009/Cor.:2012 + A2:2013, modified); German version EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013	No overload and endurance tests of switches and relays, tests of cord guards, ionizing radiation, ultraviolet (UV) radiation, laser radiation, tests for resistance to fire, impulse test 10/700 µs according to clauses 6.2.2.1 and 7.4.3, insulated winding wires according to Annex U; mandrel tests up to 12 kV
Electrical engineering	IEC 60950-1:2005-12 + A1:2009-12 + A2:2013-05	Information technology equipment - Safety - Part 1: General requirements	No overload and endurance tests of switches and relays, tests of cord guards, ionizing radiation, ultraviolet (UV) radiation, laser radiation, tests for resistance to fire, impulse test 10/700 µs according to clauses 6.2.2.1 and 7.4.3, insulated winding wires according to Annex U; mandrel tests up to 12 kV
Electrical engineering	DIN EN 61010-1:2020-03	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements (IEC 61010-1:2010 + COR:2011 + A1:2016, modified + A1:2016/COR1:2019); German version EN 61010-1:2010 + A1:2019 + A1:2019/AC:2019	No fluid pressure and ionizing radiation tests
Electrical engineering	IEC 61010-1:2010-06 + A1:2016-12	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	No fluid pressure and ionizing radiation tests
Electrical engineering	DIN EN 61347-1:2016-05	Lamp controlgear - Part 1: General and safety requirements (IEC 61347-1:2015); German version EN 61347-1:2015	
Electrical engineering	IEC 61347-1:2015-02-19 + A1:2017-09	Lamp controlgear - Part 1: General and safety requirements	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN EN 61347-2-11: 2019-11	Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires (IEC 61347-2-11:2001 + Cor. 1:2001 + A1:2017); German version EN 61347-2-11:2001 + Cor.:2002 + Cor.:2010 + A1:2019	
Electrical engineering	IEC 61347-2-11:2001-04 + A1:2017-07	Lamp controlgear - Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires	
Electrical engineering	DIN EN 61347-2-13: 2017-10	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules (IEC 61347-2-13:2014 + A1:2016); German version EN 61347-2-13:2014 + A1:2017	
Electrical engineering	DIN EN 61439-1:2012-06	Low-voltage switchgear and controlgear assemblies - Part 1: General rules (IEC 61439-1:2011); German version EN 61439-1:2011	No short-circuit tests; impulse withstand voltage test with 1.2/50 µs up to 4 kV
Electrical engineering	DIN EN IEC 61558-1: 2019-12	Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests (IEC 61558-1:2017); German version EN IEC 61558-1:2019	No tumbling barrel test; no tests of insulated winding wires according to clause 19.12.3 and Annex K; mandrel tests up to 12 kV
Electrical engineering	IEC 61558-1:2017-09	Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests	No tumbling barrel test; no tests of insulated winding wires according to clause 19.12.3 and Annex K; mandrel tests up to 12 kV
Electrical engineering	DIN EN 61558-2-4: 2009-12	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers (IEC 61558-2-4:2009); German version EN 61558-2-4:2009	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN EN 61558-2-6: 2010-04	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers (IEC 61558-2-6:2009); German version EN 61558-2-6:2009	
Electrical engineering	DIN EN 61558-2-16: 2014-06	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009 + A1:2013); German version EN 61558-2-16:2009 + A1:2013	No tumbling barrel test; no tests of insulated winding wires according to clause 19.12.3 and Annex K; mandrel tests up to 12 kV
Electrical engineering	DIN EN IEC 61851-1: 2019-12	Electric vehicle conductive charging system - Part 1: General requirements (IEC 61851-1:2017); German version EN IEC 61851-1:2019	No inrush current test according to clause 12.2.6; impulse withstand voltage test with 1.2/50 µs up to 4 kV
Electrical engineering	IEC 61851-1:2017-02	Electric vehicle conductive charging system - Part 1: General requirements	No inrush current test according to clause 12.2.6; impulse withstand voltage test with 1.2/50 µs up to 4 kV
Electrical engineering	DIN EN 61851-22: 2002-10	Electrical equipment of electric road vehicles - Electric vehicles conductive charging system - Part 2-2: AC electric vehicle charging station (IEC 61851-22:2001); German version EN 61851-22:2002	Impulse withstand voltage test with 1.2/50 µs up to 4 kV
Electrical engineering	DIN EN 62031:2015-09	LED modules for general lighting - Safety specifications (IEC 62031:2008 + A1:2012 + A2:2014); German version EN 62031:2008 + A1:2013 + A2:2015	No optical measurements
Electrical engineering	IEC 62031:2018-03	LED modules for general lighting - Safety specifications	No optical measurements

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN EN 62368-1:2016-05	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified + Cor.:2015); German version EN 62368-1:2014 + AC:2015	No Impulse withstand voltage test with 10/700 µs; no tests of laser radiation, x-radiation and acoustic radiation; no tests of insulated winding wires according to annex J; no tests of batteries according to annex M
Electrical engineering	DIN EN 62368-1/A11: 2017-11	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2014, modified); German version EN 62368-1:2014/A11:2017	
Electrical engineering	IEC 62368-1:2014-02	Audio/video, information and communication technology equipment - Part 1: Safety requirements	No Impulse withstand voltage test with 10/700 µs; no tests of laser radiation, x-radiation and acoustic radiation; no tests of insulated winding wires according to annex J; no tests of batteries according to annex M
Electrical engineering	DIN EN IEC 62368-1: 2021-05	Audio/video, information and communication technology equipment - Part 1: Safety requirements (IEC 62368-1:2018); German version EN IEC 62368-1:2020 + A11:2020	No Impulse withstand voltage test with 10/700 µs; no tests of laser radiation, x-radiation and acoustic radiation; no tests of insulated winding wires according to annex J; no tests of batteries according to annex M

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	IEC 62368-1:2018-10	Audio/video, information and communication technology equipment - Part 1: Safety requirements	No Impulse withstand voltage test with 10/700 µs; no tests of laser radiation, x-radiation and acoustic radiation; no tests of insulated winding wires according to annex J; no tests of batteries according to annex M
		1.3.2. Energy Efficiency	
Electrical engineering	DIN EN 50563:2014-09	External a.c. - d.c. and a.c. - a.c. power supplies - Determination of no-load power and average efficiency of active modes; German version EN 50563:2011 + A1:2013	
Electrical engineering	DIN EN 50564:2011-12	Electrical and electronic household and office equipment - Measurement of low power consumption (IEC 62301:2011, modified); German version EN 50564:2011	
Electrical engineering	IEC 62301:2011-01	Household electrical appliances - Measurement of standby power	
Electrical engineering	DIN EN 62075:2013-07	Audio/video, information and communication technology equipment - Environmentally conscious design (IEC 62075:2012); German version EN 62075:2012 + AC:2013	
Electrical engineering	DIN EN 62087:2013-08	Methods of measurement for the power consumption of audio, video and related equipment (IEC 62087:2011); German version EN 62087:2012	
Electrical engineering	DIN EN 62087-1:2016-08	Audio, video, and related equipment - Determination of power consumption - Part 1: General (IEC 62087-1:2015); German version EN 62087-1:2016	
Electrical engineering	DIN EN 62087-2:2016-12	Audio, video, and related equipment - Determination of power consumption - Part 2: Signals and media (IEC 62087-2:2015); German version EN 62087-2:2016	
Electrical engineering	DIN EN 62087-3:2016-09	Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets (IEC 62087-3:2015); German version EN 62087-3:2016	
Electrical engineering	DIN EN 62087-4:2016-10	Audio, video and related equipment - Determination of power consumption - Part 4: Video recording equipment (IEC 62087-4:2015); German version EN 62087-4:2016	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Electrical engineering	DIN EN 62087-5:2016-10	Audio, video and related equipment - Determination of power consumption - Part 5: Set top boxes (STB) (IEC 62087-5:2015); German version EN 62087-5:2016	
1.4. Field of Environmental Testing			
Environmental testing	DIN EN 60068-2-1: 2008-01	Environmental testing - Part 2-1: Tests - Test A: Cold (IEC 60068-2-1:2007); German version EN 60068-2-1:2007	Climatic tests down to a minimum temperature of -40°C only
Environmental testing	DIN EN 60068-2-2: 2008-05	Environmental testing - Part 2-2: Tests - Test B: Dry heat (IEC 60068-2-2:2007); German version EN 60068-2-2:2007	Climatic tests up to a maximum temperature of +180°C only
Environmental testing	DIN EN 60068-2-14: 2010-04	Environmental testing - Part 2-14: Tests - Test N: Change of temperature (IEC 60068-2-14:2009); German version EN 60068-2-14:2009	Climatic tests up to a maximum temperature of +180°C only; maximum rate of temperature change limited to 3 K/min; test Nc excluded
Environmental testing	DIN EN 60068-2-30: 2006-06	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle) (IEC 60068-2-30:2005); German version EN 60068-2-30:2005	
Environmental testing	DIN EN 60068-2-38: 2010-06	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test (IEC 60068-2-38:2009); German version EN 60068-2-38:2009	
Environmental testing	DIN EN 60068-2-61: 1993-12	Environmental testing; Part 2: test methods; test Z/ABDM: climatic sequence (IEC 60068-2-61:1991); German version EN 60068-2-61:1993	
Environmental testing	DIN EN 60068-2-67: 1996-07	Environmental testing - Part 2: Tests; test Cy: Damp heat, steady state, accelerated test primarily intended for components (IEC 60068-2-67:1995); German version EN 60068-2-67:1996	
Environmental testing	DIN EN 60068-2-75: 2015-08	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests (IEC 60068-2-75:2014); German version EN 60068-2-75:2014	
Environmental testing	DIN EN 60068-2-78: 2014-02	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state (IEC 60068-2-78:2012); German version EN 60068-2-78:2013	

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Environmental testing	ETSI EN 300 019-2-1 V2.3.1 (2017-11)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-1: Specification of environmental tests; Storage	Tests regarding air temperature and relative humidity only; climatic tests down to a minimum temperature of -40°C; humidity tests up to a maximum of 98 % relative humidity
Environmental testing	ETSI EN 300 019-2-2 V2.4.1 (2017-11)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-2: Specification of environmental tests; Transportation	Tests regarding air temperature and relative humidity only; humidity tests up to a maximum of 98 % relative humidity
Environmental testing	ETSI EN 300 019-2-3 V2.4.1 (2015-12)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-3: Specification of environmental tests; Stationary use at weatherprotected locations	Tests regarding air temperature and relative humidity only; humidity tests up to a maximum of 98 % relative humidity
Environmental testing	ETSI EN 300 019-2-4 V2.5.1 (2018-07)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-4: Specification of environmental tests; Stationary use at non-weatherprotected locations	Tests regarding air temperature and relative humidity only; humidity tests up to a maximum of 98 % relative humidity
Environmental testing	ETSI EN 300 019-2-5 V3.0.0 (2002-12)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-5: Specification of environmental tests; Ground vehicle installations	Tests regarding air temperature and relative humidity only; humidity tests up to a maximum of 98 % relative humidity; air temperature tests with a maximum gradual change of 3 K/min
Environmental testing	ETSI EN 300 019-2-6 V3.0.0 (2002-12)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-6: Specification of environmental tests; Ship environments	Tests regarding air temperature and relative humidity only

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
Environmental testing	ETSI EN 300 019-2-7 V3.0.1 (2003-04)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-7: Specification of environmental tests; Portable and non-stationary use	Tests regarding air temperature and relative humidity only; humidity tests up to a maximum of 98 % relative humidity; air temperature tests with a maximum gradual change of 3 K/min
Environmental testing	ETSI EN 300 019-2-8 V2.1.2 (1999-09)	Equipment Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2-8: Specification of environmental tests; Stationary use at underground locations	Tests regarding air temperature and relative humidity only; humidity tests up to a maximum of 98 % relative humidity; air temperature tests with a maximum gradual change of 3 K/min

2. Withdrawn or replaced procedures that are still referred to

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
2.1. Energy Efficiency			
Electrical engineering	DIN EN 62301:2006-05	Household electrical appliances - Measurement of standby power (IEC 62301:2005, modified); German version EN 62301:2005	

3. Standards or test procedures not within flexible scope

Field	Standard or test procedure / date of issue	Title of the standard or test procedure	Reduction to test procedure
3.1. EMF/EMCE			
EMC	Test procedures according to Article 1 Pt. 6. of 26. BImSchV, 26th Ordinance Implementing the Federal Immission Control Act (Ordinance on Electromagnetic Fields), published on 14 August 2013	DIN EN 50413:2009-08; VDE 0848-1:2009-08 + DIN EN 50413/A1:2014-07; VDE 0848-1/A1:2014-07 Basic standard on measurement and calculation procedures for human exposure to electric, magnetic and electromagnetic fields (0 Hz - 300 GHz); German version EN 50413:2008 and EN 50413:2008/A1:2013	Frequency range 5 Hz to 18 GHz, clause 5.2 of DIN EN 50413 only
EMC	Test procedures according to Annex 1 of DGUV Regulation 15, Accident prevention regulation, Electromagnetic fields (formerly BGV B11) of 1 June 2001	1999/519/EC Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz)	Highest frequency of test range limited to 40 GHz