Newsletter

2025 Q4

Digital & Product Solutions
Business Line **EMC & RF**

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DEKRA Certification B.V. | Arnhem (The Netherlands) | 10 m Open Area Test Site (OATS)

Europe (EU-27 and UK)

Radio Equipment Directive Harmonised Standard List updated on August 13, 2025

Harmonised Standard List has been updated recently. Tables below highlight the main updates, see full list in URL below for further details.

Test Standards Versions Updated:

Test Standard	Title	Comments
EN 300 487 V2.2.1	Satellite Earth Stations and Systems (SES) Receive-Only Mobile Earth Stations (ROMES) providing data communications operating in the 1,5 GHz frequency band	Supersedes V2.1.2. Transition period up to 2027-02-14. New version includes the following updates: - Changes in receiver blocking characteristics requirements. - Addition of an annex on applicability of parameters given in ETSI Guide EG 203 226.
EN 303 978 V2.2.1	Satellite Earth Stations and Systems (SES) Earth Stations on Mobile Platforms (ESOMP) communicating with satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz and 17,3 GHz to 20,2 GHz frequency bands	Supersedes V2.1.2. Transition period up to 2027-02-14. New version updates Clause 4.2.3 with the introduction of "total EIRP density" and its corresponding Test Case in Clause 6.4 (Off-axis EIRP emission density within the band).
EN 302 065-3-1 V3.2.1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 3: UWB devices installed in motor and railway vehicles Sub-part 1: Requirements for UWB devices for vehicular access systems within 3,8 GHz to 4,2 GHz or 6 GHz to 8,5 GHz	Supersedes EN 302 065-3 V2.1.1. Transition period up to 2027-02-14. New version includes the following updates: - Replace EN 302 065-3 standard for all for road and rail vehicles with EN 302 065-3-1 for UWB devices for vehicular access. Other specific sub-parts will follow. - The scope is limited to UWB devices for vehicular access systems within 3,8 GHz to 4,2 GHz or 6 GHz to 8,5 GHz. - Clarify Receiver requirements and the related wanted technical performance requirements - Clarify conformance testing under the environmental profile specification.

Test Standard	Title	Comments
EN 302 065-4-1 V2.2.1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 4: Material Sensing devices Sub-part 1: Building material analysis operating within 30 MHz to 10,6 GHz	Supersedes EN 302 065-4 V1.1.1. Transition period up to 2027-02-14. New version includes the following updates: - Add a measurement mode for (Building Material Analysis) BMA devices based on SRD regulation. - Change the EN structure to allow other use-cases with other intended use-case requirements than BMA. - Clear categorization of EUT covered by the present document based on regulation, technical implementations and intended use-case requirements. - RX-requirements based on the signal interferer handling concept. - Adding TX-requirement over environmental profile.
EN 301 908-14 V17.1.1	IMT cellular networks Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS)	Supersedes V15.1.1. Transition period up to 2027-02-14. New version includes the following updates: - Updates from 3GPP Rel-15 to Rel-17. - Add 5G bands n77 and n78 in co-existence requirements. - Include additional operating band unwanted emission limits for LTE bands 31, 32, 43, 50, 72 and 75.
EN 301 908-18 V17.1.1	IMT cellular networks Part 18: NR, E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS)	Supersedes V13.1.1. Transition period up to 2027-02-14. New version includes the following updates: - Updates from 3GPP Rel-13 to Rel-17. - Add bands 72, 75, 76, 77, 78, 87 and 88. - Add also co-existence requirements with 5G bands n91, n92, n93, n94, n97, n100, n101 and n109. - The Additional spurious emissions requirement for GSM (BC2) are removed.
EN 301 489-28 V2.1.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services Part 28: Specific conditions for wireless digital video links	New standard harmonised with restrictions. It does not address emission requirements in frequency bands below 9 kHz.

Additional Information:

- Amendment of 13 August 2025 to Implementing Decision (EU) 2022/2191: https://eur-lex.europa.eu/eli/dec_impl/2025/1741/oj
- Consolidated Harmonised Standard List (PDF): https://webgate.ec.europa.eu/circabc-ewpp/d/d/workspace/SpacesStore/8e7cd43d-baab-4450-8f0c-7c9785e75f2c/download
- Consolidated Harmonised Standard List (XLS): https://single-market-economy.ec.europa.eu/document/download/1b07bf21-0158-466f-9865-2fcba3bf67d6_en?filename=SummaryListForLegislation_generated%2013.10.2025.xlsx

ETSI RED Workprogramme New Standard Versions Updates

ETSI is continuously evolving the EMC/RF Test Standards, table below summarizes the latest updates for most common Test Standards during Q3/2025:

Test Standard	Title	Comments
EN 300 328 V3.0.1_0.0.4	Wideband transmission systems Data transmission equipment operating in the 2 400 MHz to 2 483,5 MHz band	Early Draft. Test Standard development work is just starting.
Draft EN 300 440-1 V3.1.1_0.0.9	Short Range Devices (SRD) operating in 1 GHz to 40 GHz Part 1: Radiocommunication equipment operating in the frequency range 2,4 GHz to 2,4835 GHz and 5,725 GHz to 5,875 GHz;	Early Draft. Test Standard development work is progressing.
Draft EN 300 440-3 V1.1.1_0.0.6	Short Range Devices (SRD) Harmonised Standard for access to radio spectrum for Intrusion radiodetermination equipment operating in the frequency range 1 GHz to 40 GHz	Early Draft. Test Standard development work is progressing.
Draft EN 301 406-1 V3.1.23	Digital Enhanced Cordless Telecommunications (DECT) Part 1: DECT, DECT Evolution and DECT ULE	Stable Draft. European Commission first assessment completed and currently addressing the comments
Draft EN 301 908-15 V17.1.1_0.0.4	IMT cellular networks Part 15: Evolved Universal Terrestrial Radio Access (E-UTRA FDD) Repeaters	Stable Draft. Test Standard development work is progressing.
Draft EN 301 908-23 V17.1.1_0.0.4	IMT cellular networks Part 23: Active Antenna System (AAS) Base Station (BS)	Stable Draft. Test Standard development work is progressing.
Draft EN 301 908-24 V17.1.1_0.0.4	IMT cellular networks Part 24: New Radio (NR) Base Stations (BS)	Early Draft. Test Standard development work is just starting.
Draft EN 301 908-25 V17.1.1_0.0.2	IMT cellular networks Part 25: New Radio (NR) User Equipment (UE)	Early Draft. Test Standard development work is just starting.
Draft EN 301 908-26 V1.1.1_0.0.7	IMT cellular networks Part 26: Aerial User Equipment (UE)	Early Draft. Test Standard development work is progressing.
Draft EN 302 686 V0.0.12	Intelligent Transport Systems (ITS) Radiocommunications equipment operating in the 63,72 GHz – 65,88 GHz frequency band	Stable Draft. Ready to send to European Commission first assessment.
Draft EN 302 858 V3.1.1_0.0.3	Short Range Devices; Transport and Traffic Telematics (TTT) Radar equipment operating in the 24,05 GHz to 24,25 GHz range	Early Draft. Test Standard development work is just starting.

Draft EN 302 065-2-5 V1.1.1_0.1.5	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 2: Ultra Wide Band location tracking devices Sub-part 5: Requirements for enhanced indoor devices within 6,0 GHz to 8,5 GHz	Stable Draft. European Commission first assessment completed and comments already addressed.
EN 302 065-3-3 V3.0.0	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 3: UWB devices installed in motor and railway vehicles Sub-part 3: Requirements for UWB radiodetermination applications operating within 6,0 GHz to 8,5 GHz	Approved by Technical Body. Under ETSI Deliverable approval process. Once it is completed, the final assessment form European Commission is required.
EN 302 065-4-4 V2.1.1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 4: Material Sensing devices Sub-part 4: Exterior material sensing applications for ground based vehicles below 10,6 GHz	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.
EN 302 372 V3.1.1	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Tank Level Probing Radar (TLPR) equipment operating in the frequency ranges 4,5 GHz to 7 GHz, 8,5 GHz to 10,6 GHz, 24,05 GHz to 27 GHz, 57 GHz to 64 GHz, 75 GHz to 85 GHz	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.
Draft EN 302 729-2 V3.0.0_0.1.7	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 2: Level Probing Radar (LPR) equipment operating in the frequency range 75 GHz to 85 GHz for tilted downward installation	Draft. Approved by Technical Body. Under ETSI Deliverable approval process. Once it is completed, the final assessment form European Commission is required.
Draft EN 302 194-1 V2.2.1_0.0.34	Navigational radars used on inland waterways Part 1: Magnetron Radars	Stable Draft. European Commission first assessment completed and comments already addressed.
Draft EN 302 208 V3.5.1_0.0.5	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	Stable Draft. Ready to send to European Commission first assessment.
EN 302 217-2 V3.4.1	Fixed Radio Systems Characteristics and requirements for point-to-point equipment and antennas Part 2: Digital systems operating in frequency bands from 1 GHz to 174,8 GHz;	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.
EN 303 354 V1.2.1	Amplifiers and active antennas for TV broadcast reception in domestic premises	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.

Draft EN 303 687 V1.1.7	6 GHz WAS/RLAN	Early Draft. Test Standard development work is progressing.
Draft EN 303 940-1 V1.1.1_0.1.3	Short Range Devices (SRD) using Ultra Wide Band technology (UWB) Part 1: Millimeter Wave Security Scanners operating in 69,8-80,5 GHz	Stable Draft. European Commission first assessment completed and comments already addressed.
Draft EN 304 118 V1.1.1_0.0.3	Medical Implantable Wireless Power Transmission (WPT) equipment	Early Draft. Test Standard development work is just starting.
Draft ETSI EN 304 122 V1.1.1_0.0.5	Satellite Earth Stations & Systems (SES) NR-NTN (New Radio Non-Terrestrial Networks) capable User Equipment operating in Frequency bands below 7,125 GHz	Early Draft. Test Standard development work is just starting. New standard for 5G NTN for bands FDD n255 and FDD n256.
Draft EN 305 550-3 V1.1.1_0.0.12	Short Range Devices (SRD) to be used in the 40 GHz to 260 GHz frequency range Part 3: Radiodetermination devices for fixed, mobile and portable generic applications within 57 GHz to 64 GHz	Early Draft. Test Standard development work is progressing.
EN 305 550-5 V1.1.1	Short Range Devices (SRD) to be used in the 40 GHz to 260 GHz frequency range Part 5: Ultra Short Range Communication (USRC) equipment operating within 57 GHz to 64 GHz	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.
EN 300 386 V3.0.0	Telecommunication network equipment Harmonised Standard for ElectroMagnetic Compatibility (EMC) requirements	Approved by Technical Body. Under ETSI Deliverable approval process. Once it is completed, the final assessment form European Commission is required.
EN 301 489-5 V2.3.1	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)	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.
Draft EN 301 489-9 V2.2.1_0.0.8	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, in-ear monitoring and assistive listening devices	Stable Draft. Ready to send to European Commission first assessment.
EN 301 489-50 V2.4.1	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services Part 50: Specific conditions for Cellular Communication Base Station (BS), repeater and ancillary equipment	Already published by ETSI and delivered to European Commission for final assessment. Waiting for its publication as Harmonised Standard in OJEU.

EN 301 489-55 V1.0.0	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services Part 55: Specific conditions for ground based equipment for air navigation operating in the frequency range 960 MHz to 1 215 MHz	Approved by Technical Body. Under ETSI Deliverable approval process. Once it is completed, the final assessment form European Commission is required.
Draft EN 301 843-2 V2.3.1_0.0.8	ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services Part 2: Specific conditions for VHF radiotelephone transmitters and receivers operating in the frequency range 156 MHz to 174 MHz	Stable Draft. European Commission first assessment completed and comments already addressed.
Draft EN 301 843-8 V1.1.1_0.0.10	ElectroMagnetic Compatibility (EMC) standard for marine radio equipment and services Part 8: Specific conditions for radio beacons and locating devices	Stable Draft. European Commission first assessment completed and comments already addressed.

UKCA Designated Standards

UK Radio Equipment Designated Standards have been updated on July 19, 2025 and September 25, 2025 and it is fully aligned with latest EU-27 RED Harmonised Standards list released on August 13, 2025.

Additional Information:

- UK Radio Equipment Designated Standards: https://www.gov.uk/government/publications/designated-standards-radio-equipment

North America (USA and Canada)

FCC KDBs Updates

Main KDBs published/updated during Q3/2025:

KDB	Status	Question	Comments
719163	New	When will the ownership information requirements adopted by the FCC in Report and Order FCC 25-27 become effective?	Although the effective date of the adopted regulations is September 8, the effective date is delayed indefinitely for sections that contain new or modified information collection requirements that require review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act.
174176	Update	What are the line conducted emission requirements for an FCC equipment authorization of devices subject to Part 15 and Part 18 of the FCC rules?	Includes technical guidance for Part 18 ISM/non-ISM antenna output termination guidance for testing with an equivalent load and to better define the existing allowable US low voltage distribution test voltages and frequencies for devices.
951290	Update	What are the procedures for submitting Equipment Compliance Review (ECR) when it is required by a specific KBD publication?	Changes the second category to “6 GHz AFC Geolocation PIA” from “Persistent Inquiry Acceptance (PIA)” and adds “Numerical Simulation PIA” and “Phantom PIA” as additional second categories. Section about Data Referencing is removed as it is no longer applicable. The requirement to submit the ECR information with the certification applications is emphasized.
800303	Draft	What FCC guidance is available for manufacturers and test laboratories for radiated emission test procedures for devices operating above 95 GHz?	KDB provides guidance regarding millimeter-wave (mmW) and sub-THz (decimillimetric wave range) radiated emission measurements for devices operating above 95 GHz.

New FCC rules to safeguard the Equipment Authorization Process from Bad Labs and TCBs become in force

New rules prohibiting Labs/TCBs which are related with Companies and/or Foreign Government Entities that US Government consider they are a risk for US national security have become in force after their publication in Federal Register in August 7, 2025.

According to new rules FCC will not recognize any Lab/TCB owned by, controlled by, or subject to the direction of a “Prohibited Entity” identified in 47 CFR § 2.902. Besides, it requires to Labs/TCBs to provide a certification to the FCC that the Lab/TCB is not owned by, controlled by, or subject to the direction of a “Prohibited Entity” pursuant to 47 CFR § 2.902 and to provide documentation to FCC identifying any entity that has equity or voting interests of 5% or greater in the Lab/TCB.

Despite the obligation to submit to FCC the required certification and documentation has been delayed indefinitely, the prohibiting rule is in force and FCC has taken actions against several Labs and banned the following Labs:

Laboratory	Location	Reason
TUV Rheinland/CCIC (Ningbo) Co., Ltd	Ningbo, China	Connected to the Chinese government through its partnership with the China Certification & Inspection Group Co., Ltd. (CCIC Group).
UL-CCIC Company Limited	Suzhou, China	Connected to the Chinese government through its partnership with the China Certification & Inspection Group Co., Ltd. (CCIC Group).
CCIC-CSA International Certification Co., Ltd.	Guangzhou	Connected to the Chinese government through its partnership with the China Certification & Inspection Group Co., Ltd. (CCIC Group).
CQC Internet of Vehicles Technical Service Co., Ltd (CQC-IVTS)	Shenzhen, China	Connected to the Chinese government through its partnership with China Quality Certification Center (CQC) that operates under the China Certification and Inspection Group Co., Ltd. (CCIC Group).
CVC Testing Technology Co., Ltd (CVC)	Guangzhou, China	Subsidiary of the China National Electrical Apparatus Research Institute Co., Ltd. which is controlled by Chinese government.
Telecommunication Technology Labs (TTL)	Beijing, China	Owned by China Academy of Information and Communications Technology (CAICT) which is controlled by Chinese government.
Chongqing Academy of Information and Communications (CAIC)	Chongqing, China	CAIC shares the same domain name (caict.ac.cn) as TTL and TTL is owned by CAICT which is controlled by Chinese government.
Industrial Internet Innovation Center (Shanghai)	Shanghai, China	Owned by China Academy of Information and Communications Technology (CAICT) which is controlled by Chinese government.
State Radio Monitoring Center (SRTC)	Beijing, China	China government state-owned entity.
Reliability Laboratory of New H3C Technologies Co., Ltd.	Hangzhou, China	Controlled by Tsinghua Holdings Co., Ltd., a Chinese government state-owned enterprise.

Additional Information:

- ET Docket No. 21-136 Adopted Rules: https://www.fcc.gov/ecfs/search/search-filings/filing/105271115107819
- First batch of “Bad Labs” denied: https://www.fcc.gov/document/fcc-takes-action-bad-labs-apparently-controlled-china
- Second batch of “Bad Labs” denied: https://www.fcc.gov/document/fcc-denies-second-batch-bad-labs-controlled-china

ISED Updates

ISED Radio Standards updated in Q3/2025:

Test Standard	Status	Title	Comments
RSS-193 Issue 1	New	Flexible Use Broadband Equipment Operating in the Band 27.5-28.35 GHz	New standard for base station, fixed service equipment, and subscriber equipment operating in the frequency band 27.5-28.35 GHz
RSS-102.SAR.SIM Issue 1	New	Simulation Procedure for Assessing Specific Absorption Rate (SAR) Compliance in Accordance with RSS-102	New standard which content is nearly identical to SPR-002 issue 2 with the following exceptions: - SAR measurements are located in RSS-102.SAR.MEAS. - Nerve stimulation (NS)-related measurements are located in RSS-102.NS.MEAS. - NS-related simulations are located in RSS-102.NS.SIM. - Extend frequency range from 100 kHz to 6 GHz and adjust the dielectric properties accordingly. - Introduce SAM phantom. - Clarify requirements for calculation of the uncertainty.
RSS-102.SAR.MEAS Issue 2	Update	Measurement Procedure for Assessing Specific Absorption Rate (SAR) Compliance in Accordance with RSS-102	New standard version has a 6 months transition period. Main updates are: - New requirements for time-averaged SAR (TAS) for algorithm approvals and final product implementations including wireless wide area networks (WWANs), wireless local area networks (WLANs), non-terrestrial networks (NTNs) and Bluetooth (BT). - New requirements on time-averaged absorbed power density (TA-APD) for WLAN devices operating in the 5925-7125 MHz. - New requirement for TAS measurements allowed to be conducted with an array class 2 fast SAR system as per IEC/IEEE 62209-1528 and that is compliant with IEC 62209-3. - New requirements for TAS foldable devices and spatially separated antennas. - New requirements for multiple TAS applications. - New guidance for TAS motion sensor. - New test method for devices with protrusions. - Clarify test procedure for foldable devices.

Test Standard	Status	Title	Comments
RSS-102.IPD.MEAS Issue 2	Update	Measurement Procedure for Assessing Incident Power Density (IPD) Compliance in Accordance with RSS-102	New standard version has a 6 months transition period. Main updates are: - New requirements extending the frequency range to cover all portable devices operating in the 6 GHz to 300 GHz frequency band. - New requirements for hand exposure during a voice call. - Introduction of preliminary guidance for time-averaged incident power density.
RSS-102.IPD.SIM Issue 2	Update	Simulation Procedure for Assessing Incident Power Density (IPD) Compliance in Accordance with RSS-102	New standard version has a 6 months transition period. Main updates are: - New requirements extending the frequency range to cover all portable devices operating in the 6 GHz to 300 GHz frequency band. - Updated the assessment requirements reference to IEC/IEEE 63195-2.
RSS-247 Issue 4	Update	Digital Transmission Systems, Frequency Hopping Systems and Licence-Exempt Local Area Network Devices in 902-928 MHz, 2400-2483.5 MHz, 5150-5350 MHz, and 5470-5895 MHz bands	New standard version has a 6 months transition period. Main updates are: - Remove the restriction on operation of devices in the 5600 - 5650 MHz band. - Add clarification for LE-LANs operating within vehicles in the bands 5150-5250 MHz and 5250-5350 MHz - Clarify the requirement for unwanted emissions of transmitters operating in the 5150-5250 MHz and 5250-5350 MHz bands. - Introduce the indoor labeling requirement for the unwanted emissions.
RSS-119 Issue 12	Amendment	Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz	Amendment to allow any equipment where using an occupied bandwidth larger than the authorized bandwidth is allowed in the SRSP if the equipment complies with certain conditions.
RSS-252 Issue 3	Draft	Intelligent Transportation Systems' (ITS) On-Board Units (OBUs) in the 5895 – 5925 MHz Band	Draft under Consultation in Radio Advisory Board of Canada. Main updates are: - Add channel allocation. - Clarify that transmitter power applies on a per-channel basis. - Modify unwanted emission limits.

Test Standard	Status	Title	Comments
RSS-195 Issue 3	Draft	Wireless Communication Service Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz	Draft under Consultation in Radio Advisory Board of Canada. Main updates are: - Add added maximum transmitter power requirements for fixed station, base station and subscriber equipment. - Add the 2305-2320 MHz and 2345-2360 MHz band plan.

ISED main General Notices published in Q3/2025:

Notice	Description	Comments
Notice 2025-DRS0006	Adoption of standard ETSI EN 301 893 V2.2.1 for DFS testing	Under RSS-247, EN 301 893 is currently accepted as the unique method for Dynamic Frequency Selection (DFS) testing in the 5600-5650 MHz band. ISED proposes a six-month transition period during which either EN 301 893 V1.8.1 or EN 301 893 V2.2.1 may be used to demonstrate compliance with DFS requirements. After the transition period, new certifications shall use EN 301 893 V2.2.1.

Standards Development Organizations (SDO)

International Electrotechnical Commission (IEC)

Main IEC Publications related with EMC/RF released in Q3/2025:

Publication	Scope
CISPR 12:2025	Vehicles, boats and devices with internal combustion engines or traction batteries – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers
IEC 61000-4-23:2016+AMD1:2025 CSV	Electromagnetic compatibility (EMC) - Part 4-23: Testing and measurement techniques - Test methods for protective devices for HEMP and other radiated disturbances
IEC 61000-4-27:2000+AMD1:2009+AMD2:2025 CSV	Electromagnetic compatibility (EMC) - Part 4-27: Testing and measurement techniques – Unbalance, immunity test for equipment with input current not exceeding 16 A per phase
IEC 61000-4-34:2005+AMD1:2009+AMD2:2025 CSV	Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase
IEC 60364-1:2025	Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, and definitions
IEC 60730-2-6:2025 EXV	Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements
IEC 60730-2-11:2025 EXV	Automatic electrical controls - Part 2-11: Particular requirements for energy regulators
IEC 60730-2-13:2025 EXV	Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls
IEC/IEEE 62704-2:2017+AMD1:2025 CSV	Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz – Part 2: Specific requirements for finite difference time domain (FDTD) modelling of exposure from vehicle mounted antennas
IEC 61995-1:2025	Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements
IEC 62561-2:2025 RLV	Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes
IEC 62840-2:2025 CMV	Electric vehicle battery swap system - Part 2: Safety requirements
IEC TS 61169-1-7:2025	Radio-frequency connectors - Part 1-7: Electrical test methods - Uncertainty specification of frequency domain test for insertion loss
IEC TS 61340-5-6:2025	Electrostatics - Part 5-6: Protection of electronic devices from electrostatic phenomena - Process assessment techniques

Additional Information:

- IEC Standards Search: https://webstore.iec.ch/en/products/

CEN-CENELEC

Main CEN-CENELEC Publications related with EMC/RF released in Q3/2025:

Publication	Scope
EN IEC 55011:2025	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement
EN IEC 55012:2025	Vehicles, boats and devices with internal combustion engines or traction batteries – Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers
EN IEC 61326-2-6:2025	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical electrical equipment
EN 13060:2025	Sterilizers for medical purposes - Small steam sterilizers - Requirements and testing
EN IEC 61095:2025	Electromechanical contactors for household and similar purposes
EN IEC 60730-2-8:2025	Automatic electrical controls - Part 2-8: Particular requirements for electrically operated water valves, including mechanical requirements
EN IEC 60931-1:2025	Shunt power capacitors of the non-self-healing type for AC systems having a rated voltage up to and including 1 000 V - Part 1: General
EN IEC 60947-4-1:2025	Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters
EN IEC 60947-5-7:2025	Low-voltage switchgear and controlgear - Part 5-7: Control circuit devices and switching elements - Proximity devices with analogue output
EN IEC 60947-9-2:2025	Low-voltage switchgear and controlgear - Part 9-2: Active arc-fault mitigation systems - Optical-based internal arc-detection and mitigation devices
CLC/TR 50734:2025	Application of EMF standards to combined products

Additional Information:

- CEN-CENELEC Standards Search: https://standards.cencenelec.eu/dyn/www/f?p=CEN:105::RESET::::

International Organization for Standardization (ISO)

Main ISO Publications related with EMC/RF released in Q3/2025:

Publication	Scope
ISO 24631-3:2025	Radiofrequency identification of animals Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785

Additional Information:

- ISO Standards Search: https://www.iso.org/advanced-search/x/

SAE International

Main SAE International Publications related with EMC, Automotive and Aerospace released in Q3/2025:

Publication	Status	Scope
J3161_202509	Revised	LTE Vehicle-to-Everything (LTE-V2X) Deployment Profiles and Radio Parameters for Single Radio Channel Multi-Service Coexistence
ARP5724A	Revised	Recommended Test Requirements for Electromechanical Actuators
AS85049/87E	Reaffirmed	Connector accessories, electrical, backshell, 90º, self-locking, shield band termination (RFI/EMI), shrink sleeve accommodation, category 3B (for MIL-DTL-38999 series I and II connectors)
AS85049/88E	Reaffirmed	Connector accessories, electrical, backshell, straight, self-locking, shield band termination (RFI/EMI), shrink boot accommodation, category 3B (for MIL-DTL-38999 series III and IV connectors)
AS85049/89E	Reaffirmed	Connector accessories, electrical, backshell, 45º, self-locking, shield band termination (RFI/EMI), shrink sleeve accommodation, category 3B (for MIL-DTL-38999 series III and IV connectors)
AS85049/90E	Reaffirmed	Connector accessories, electrical, backshell, 90º, self-locking, shield band termination (RFI/EMI), shrink sleeve accommodation, category 3B (for MIL-DTL-38999 series III and IV connectors)

Additional Information:

- SAE Standards: https://legacy.sae.org/standards

CTIA – The Wireless Association

Main CTIA Publications related with Over-the-Air (OTA) Performance released in Q3/2025:

Publication	Scope
CTIA 01.01	Test Scope Requirements and Applicability V8.0.2 (August 2025)
CTIA 01.03	Normative Reporting Tables V8.0.2 (August 2025)
CTIA 01.50	Wireless Technology, 3GPP Radio Access Technologies v8.0.2 (August 2025)
CTIA 01.51	Wireless Technology, Location Based Technologies v8.0.2 (August 2025)
CTIA 01.70	Measurement Uncertainty v8.0.1 (August 2025)

Additional Information:

- CTIA Test Plans: https://ctiacertification.org/test-plans/