

Notes to colour marking:

1. Items without colour marking are identical to the annex to the DAkKS certificates.
2. The issue date / standards of items marked in yellow is updated within flexible scope.

Date of issue: 18.12.2023

Technical Field	Standard / Version	Title of standard or in house procedure	Test Area / Restriction
1. Electromagnetic Compatibility (EMC) – Canada			
EMC	ICES Gen Issue 1 July 2018 Amendment 1 February 2021	General Requirements for Compliance of Interference-Causing Equipment	
EMC	ICES – 001, Issue 5, July 2020	Industrial, Scientific and Medical (ISM) Ra- dio Frequency Generators	
EMC	ICES – 003, Issue 7, October 2020	Information Technology Equipment (Includ- ing Digital Apparatus)	
EMC	ICES – 005, Issue 5 December 2018	Lighting Equipment	
2. Radio Equipment and Systems - Canada			
TC	RSS-Gen, Issue 5, April 2018 Amendment 2 February 2021 Amendment 1 March 2019	General Requirements for Compliance of Radio Apparatus	Highest measurable frequency range is lim- ited to 40 GHz
TC	RSS – 210, Issue 10, December 2019 Amendment April 2020	Licence-Exempt Radio Apparatus: Category I Equipment	
TC	RSS-213, Issue 3, March 2015	2 GHz Licence-Exempt Personal Communications Services (LE-PCS) Devices	
TC	RSS-215, Issue 2, June 2019	Analogue Scanner Receivers	
TC	RSS-216, Issue 2, January 2016 Amendment 1 September 2020	Wireless Power Transfer Devices	
TC	RSS – 220, Issue 1, March 2009 Amendment 1 July 2018	Devices Using Ultra – Wideband (UWB) Technology	
TC	RSS-236, Issue 1, November 2012	General Radio Service Equipment Operating in the Band 26.960 to 27.410 MHz (Citizens Band)	

Technical Field	Standard / Version	Title of standard or in house procedure	Test Area / Restriction
TC	RSS-247 (with DFS), Issue 2, February 2017 Note: March 2017	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	
TC	RSS-310 Issue 5, January 2020	Licence-Exempt Radio Apparatus: Cate- gory II Equipment	
3. Specific Absorption Rate (SAR) & Human Exposure to EM-Fields - Canada			
TC	RSS – 102 (Exp) ^{MEAS} Issue 5 – March 2015 + Amendment 1 Feb. 2nd, 2021	Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands), (RF Exposure)	
TC	RSS – 102 (NS) ^{MEAS} Issue 5 – March 2015 + Amendment 1 Feb. 2nd, 2021	Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands), (Nerve Stimulation)	
TC	SPR-002, Issue 1, September 2016	Supplementary Procedure for Assessing Compliance with RSS-102 Nerve Stimulation Exposure Limits	
Fach- bereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschrän- kungen zum Prüfverfahren
4. Safety			
Safety	BS EN 60065:2014+A11:2017 (EN 60065:2014+ A11:2017)	Audio, video and similar electronic apparatus -Safety requirements	excluding part 14.2 – 14.5, 18, 20
Safety	IEC 60065:2014	Audio, video and similar electronic apparatus -Safety requirements	excluding part 12.1.2, 14.1 - 14.4, 18, 20
Safety	BS EN 60950-1:2006 +A11:2009+A1:2010 +A12:2011+A2:2013 (EN 60950-1:2006 +A11:2009+A1:2010 +A12:2011+A2:2013)	Information technology equipment Safety - Part 1: General requirements	excluding part 2.8.7.2, 2.8.7.3, 3.2.8, 4.3.12, 4.3.13, A1, A2, A3
Safety	IEC 60950-1:2005 +A1:2009+A2:2013	Information technology equipment Safety - Part 1: General requirements	excluding part 2.8.7.2, 2.8.7.3, 3.2.8, 4.3.12, 4.3.13, A1, A2, A3

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
Safety	BS EN 62368-1:2014 (EN 62368-1:2014) BS EN 62368-1:2014 +A11:2017	Audio/video, information and communication technology equipment Part 1: Safety requirements	excluding part 8.5.5.2, 8.6.2 Force over 500 N, 10, Annex G.9, Annex G.13.6.2, Annex G.15, Annex G.16, Annex J, Annex M.4.2, Annex M.4.4.4, Annex M.6.2, Annex M.8.2, Annex P.4, Annex U
Safety	IEC 62368-1:2014	Audio/video, information and communication technology equipment Part 1: Safety requirements	excluding part 8.5.5.2, 8.6.2 Force over 500 N, 10, Annex G.9, Annex G.13.6.2, Annex G.15, Annex G.16, Annex J, Annex M.4.2, Annex M.4.4.4, Annex M.6.2, Annex M.8.2, Annex P.4, Annex U
Safety	IEC 62368-1:2018	Audio/video, information and communication technology equipment Part 1: Safety requirements	excluding part 8.5.5.2, 8.6.2 Force over 500 N, 10, Annex G.9, Annex G.13.6.2, Annex G.15, Annex G.16, Annex J, Annex M.4.2, Annex M.4.4.4, Annex M.6.2, Annex M.8.2, Annex P.4, Annex R, Annex S, Annex U, Annex Y2-Y5

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
Safety	BS EN IEC 62368-1:2020+A11:2020 (EN IEC 62368-1:2020+A11:2020)	Audio/video, information and communication technology equipment - Part 1: Safety requirements	excluding part 8.5.5.2, 8.6.2 Force over 500 N, 10, Annex G.9, Annex G.13.6.2, Annex G.15, Annex G.16, Annex J, Annex M.4.2, Annex M.4.4.4, Annex M.6.2, Annex M.8.2, Annex P.4, Annex R, Annex S, Annex U, Annex Y2-Y5
4. EMC			
EMC	BS EN50083-2:2012 + A1:2015 (EN 50083-2:2012 + A1:2015)	Cable networks for television signals, sound signals and interactive services – Part 2: Electromagnetic compatibility for equipment	
EMC	BS EN 50121-4:2016 (EN 50121-4:2016)	Railway applications- Electromagnetic compatibility Part 4: Emission and immunity of the signalling and telecommunications apparatus	excluding part 6.2 Table 2 (3.2 Power – frequency magnetic field 0 Hz)
EMC	BS EN 50130-4:2011 +A1:2014 (EN 50130-4:2011 +A1:2014)	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	
EMC	BS EN 50498:2010 (EN 50498:2010)	Electromagnetic compatibility (EMC) Product family standard for aftermarket electronic equipment in vehicles	
EMC	BS EN 55011:2016 +A1:2017 (EN 55011:2016 +A1:2017)	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement	
EMC	DIN EN 55013:2017 (EN 55013:2013 + A1:2016)	Sound and television broadcast receivers and associated equipment -Radio disturbance characteristics – Limits and methods of measurement	
EMC	BS EN 55014-1:2017 (EN 55014-1:2017)	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission	
EMC	EN55014-1:2017+A11:2020	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission	

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EMC	EN55014-2:1997+A1:2001 +A2:2008	Electromagnetic compatibility - Require- ments for household appliances, electric tools and similar apparatus – Part 2: Im- munity - Product family standard	
EMC	BS EN 55014-2:2015 (EN 55014-2:2015)	Electromagnetic compatibility – Require- ments for household appliances, electric tools and similar apparatus – Part 2: Im- munity - Product family standard	
EMC	BS EN 55015:2013+A1:2015 (EN 55015:2013+A1:2015)	Limits and methods of measurement of ra- dio disturbance characteristics of electrical lighting and similar equipment	
EMC	EN IEC 55015:2019 +A11:2020	Limits and methods of measurement of ra- dio disturbance characteristics of electrical lighting and similar equipment	
EMC	BS EN 55020:2007 + A11:2011+A12:2016 EN 55020:2007+A11:2011+ A12:2016	Sound and television broadcast receivers and associated equipment –Immunity characteristics – Limits and methods of measurement	
EMC	BS EN 55022:2010 (EN 55022:2010)	Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement	
EMC	DIN EN 55024:2016 VDE 0878-24:2016 (EN 55024:2010+A1:2015)	Information technology equipment – Immunity characteristics – Limits and methods of measurement	
EMC	BS EN 55032:2012 (EN 55032:2012) DIN EN 55032:2016 VDE 0878-32:2016 (EN 55032:2015) EN 55032:2015/A11:2020	Electromagnetic compatibility of multimedia equipment –Emission requirements	
EMC	DIN EN 55035:2018 VDE 0878-35:2018 (EN 55035:2017) EN 55035:2017/A11:2020	Electromagnetic compatibility of multimedia equipment –Immunity requirements	
EMC	DIN EN55103-1:2013 VDE 0875-103-1:2013 (EN 55103-1:2009+ A1:2012)	Electromagnetic compatibility – Product family standard for audio, video, audio-vis- ual and entertainment lighting control appa- ratus for professional use – Part 1: Emission	
EMC	BS EN 55103-2:2009 (EN 55103-2:2009)	Electromagnetic compatibility – Product family standard for audio, video, audio-vis- ual and entertainment lighting control appa- ratus for professional use – Part 2: Immunity	
EMC	DIN EN 60204-31:2014 VDE 0113-31:2014 (EN 60204-31:2013)	Safety of machinery – Electrical equipment of machines – Part 31: Particular safety and EMC requirements for sewing machines, units and systems	only EMC

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Ein- schränkungen zum Prüfverfahren
EMC	DIN EN 60669-2-1:2010 +A12:2010 VDE 0632-2-1:2010 +A12:2010+A1:2009 (EN 60669-2-1:2004 +A1:2009+A12:2010)	Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches	only EMC
EMC	BS EN 60669-2-2:2006 (EN 60669-2-2:2006)	Switches for household and similar fixed electrical installations – Part 2: Particular requirements – Section 2: Electromagnetic remotecontrol switches (RCS)	only EMC
EMC	BS EN 60669-2-3:2006 (EN 60669-2-3:2006)	Switches for household and similar fixed electrical installations Part 2: Particular requirements – Section 3: Time-delay switches (TDS)	only EMC
EMC	DIN EN 60669-2-5:2017 VDE 0632-2-5:2017 (EN 60669-2-5:2016)	Switches for household and similar fixed electrical installations –Part 25: Particular requirements – switches and related accessories for use in home and building electronics systems (HBES)	only EMC
EMC	BS EN 60730-1:2016 (EN 60730-1:2016)	Automatic electrical controls Part 1: General requirements	only EMC
EMC	BS EN 60730-2-7:2010 (EN 60730-2-7:2010)	Automatic electrical controls for household and similar use Part 2: Particular requirements for timers and time switches	only EMC
EMC	BS EN 60730-28:2002 +A1:2003 (EN 60730-2-8:2002 +A1:2003)	Automatic electrical controls for household and similar use Part 2: Particular requirements for electrically operated water valves, including mechanical requirements	only EMC
EMC	BS EN 60730-2-9:2011 (EN 60730-2-9:2010)	Automatic electrical controls for household and similar use Part 2: Particular requirements for temperature sensing controls	only EMC
EMC	BS EN 60730-2-11:2008 (EN 60730-2-11:2008)	Automatic electrical controls for household and similar use Part 2: Particular requirements for energy regulators	only EMC
EMC	BS EN IEC 60730-2-13:2018 (EN IEC 60730-2-13:2018)	Automatic electrical controls for household and similar use Part 2: Particular requirements for humidity sensing control	only EMC
EMC	BS EN 60730-2-15:2010 (EN 60730-2-15:2010)	Automatic electrical controls for household and similar use Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls	only EMC

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EMC	BS EN 60945:2002 (EN 60945:2002)	Maritime navigation and radiocommunication equipment and systems – General requirements - Methods of testing and required test results	only EMC
EMC	BS EN 60974-10:2014 +A1:2015 (EN 60974-10:2014 +A1:2015)	Arc welding equipment Part 10: Electromagnetic compatibility (EMC) requirements	only EMC
EMC	BS EN 61000-3-2:2014 (EN 61000-3-2:2014)	Electromagnetic compatibility (EMC) – Part 3-2: Limits -Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	Single phase ≤ 16 A
EMC	BS EN IEC 61000-3-2:2019 +A1:2021 (EN IEC 61000-3-2:2019 +A1:2021)	Electromagnetic compatibility (EMC) – Part 3-2: Limits -Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	Single phase ≤ 16A
EMC	BS EN 61000-3-3:2013 (EN 61000-3-3:2013)	Electromagnetic compatibility (EMC) – Part 3-3: Limits –Limitation of voltage changes, voltage fluctuations and flicker in public lowvoltage supply systems, for equipment with rated current ≤ 16A per phase and not subjected to conditional connection	Single phase ≤ 16 A
EMC	EN 61000-3-3:2013+A1:2019 +A2:2021	Electromagnetic compatibility (EMC) – Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public lowvoltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection	
EMC	BS EN 61000-4-2:2009 (EN 61000-4-2:2009)	Electromagnetic compatibility (EMC) -Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	
EMC	BS EN 61000-4-3:2006 +A1:2008+A2:2010 (EN 61000-4-3:2006 +A1:2008+A2:2010)	Electromagnetic compatibility (EMC) -Part 4-3: Testing and measurement techniques - Radiated, radiofrequency, electromagnetic field immunity test	up to 6 GHz, up to 10 V/m
EMC	EN IEC 61000-4-3:2020 (IEC 61000-4-3:2020)	Electromagnetic compatibility (EMC) -Part 4-3: Testing and measurement techniques -Radiated, radio- frequency, electromagnetic field immunity test	up to 6 GHz, up to 10 V/m,
EMC	IEC 61000-4-4:2012 (EN 61000-4-4:2012)	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques -Electrical fast transient/burst immunity test	
EMC	IEC 61000-4-5:2014 +A1:2017 (EN 61000-4-5:2014 +A1:2017)	Electromagnetic compatibility (EMC) Part 4-5: Testing and measurement techniques - Surge immunity test	

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EMC	BS EN 61000-4-6:2014 (EN 61000-4-6:2014)	Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radiofrequency fields	
EMC	BS EN 61000-4-8:2010 (EN 61000-4-8:2010)	Electromagnetic compatibility (EMC) Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	up to 100A/m
EMC	DIN EN 61000-4-11:2005 (EN 61000-4-11:2004)	Electromagnetic compatibility (EMC) Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	Single phase ≤ 16 A
EMC	EN61000-4-11:2004 +A1:2017 IEC 61000-4-11:2004 +A1:2017	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	
EMC	EN IEC 61000-4-11:2020	Electromagnetic compatibility (EMC) Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	Single phase ≤ 16A
EMC	IEC 61000-4-13:2002 +A1:2009+A2:2015 (EN 61000-4-13:2002 +A1:2009+A2:2016)	Electromagnetic compatibility (EMC) Part 4-13: Testing and measurement techniques – Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests	Single phase ≤ 16 A
EMC	BS EN 61000-6-1:2007 (EN 61000-6-1:2007)	Electromagnetic compatibility (EMC) Part 6-1: Generic standards Immunity for residential, commercial and light-industrial environments	
EMC	EN IEC 61000-6-1:2019 (IEC 61000-6-1:2016)	Electromagnetic compatibility (EMC) Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments	
EMC	EN IEC 61000-6-2:2019 (IEC 61000-6-2:2016)	Electromagnetic compatibility (EMC) Part 6-2: Generic standards – Immunity for industrial environments	
EMC	BS EN 61000-6-2:2005 (EN 61000-6-2:2005)	Electromagnetic compatibility (EMC) Part 6-2: Generic standards – Immunity for industrial environments	
EMC	BS EN 61000-6-3:2007 +A1:2011 (EN 61000-6-3:2007 +A1:2011) IEC 61000-6-3:2006 +A1:2010	Electromagnetic compatibility (EMC) Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments	
EMC	BS EN 61000-6-4:2007 +A1:2011 (EN 61000-6-4:2007 +A1:2011)	Electromagnetic compatibility (EMC) Part 6-4: Generic standards - Emission standard for industrial environments	

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
EMC	EN IEC 61000-6-4:2019 (IEC 61000-6-4:2018 IEC 61204-3:2016)	Electromagnetic compatibility (EMC) Part 6-4: Generic standards - Emission standard for industrial environments	
EMC	EN61204-3:2000	Low voltage power supplies, DC output; Part 3: Electromagnetic compatibility (EMC)	
EMC	DIN EN IEC 61204-3:2018 (EN IEC 61204-3:2018)	Low-voltage power supplies, DC output Part 3: Electromagnetic compatibility (EMC)	
EMC	BS EN 61326-1:2013 (EN 61326-1:2013)	Electrical equipment for measurement, control and laboratory use — EMC requirements — Part 1: General requirements	
EMC	BS EN 61326-2-2:2013 (EN 61326-2-2:2013 IEC 61326-2-2:2012)	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 lowvoltage distribution systems	
EMC	BS EN 61547:2009 (EN 61547:2009, IEC 61547:2009)	Equipment for general lighting purposes - EMC immunity requirements	
EMC	IEC 62040-2:2005 (EN 62040-2:2006)	Uninterruptible power systems (UPS) — Part 2: Electromagnetic compatibility (EMC) requirements	
EMC	EN IEC 62040-2:2018 (IEC 62040-2:2016)	Uninterruptible power systems (UPS) — Part 2: Electromagnetic compatibility (EMC) requirements	
EMC	ETSI EN 301489-1:V2.2.0 Draft	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro- magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements	
EMC	EN301489-1:V2.2.3	ElectroMagnetic Compatibility (EMC) standard for radio equipment and services - Part 1: Common technical requirements - Harmonised Standard for ElectroMagnetic Compatibility	
EMC	ETSI EN 301489-2:V2.1.0 Draft	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro- magnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific conditions for radio paging equipment	
EMC	ETSI EN 301489-2:V2.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro- magnetic Compatibility (EMC) standard for radio equipment and services; Part 2: Specific conditions for radio paging equipment	

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
EMC	ETSI EN 301489-3:V2.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for ShortRange Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	up to 40 GHz
EMC	ETSI EN 301489-3:V2.3.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for ShortRange Devices (SRD) operating on frequencies between 9 kHz and 246 GHz	up to 40 GHz
EMC	ETSI EN 301489-4 V3.2.1	Electromagnetic Compatibility (EMC) standard for radio equipment and services - Part 4: Specific conditions for fixed radio links and ancillary equipment	
EMC	ETSI EN 301489-5:V2.2.0 Draft	Electromagnetic compatibility and Radio spectrum Matters (ERM); 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)	
EMC	ETSI EN 301489-5:V2.2.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 5: Specific conditions for Privateland Mobile Radio (PMR) and ancillary equipment (speech and non-speech)	
EMC	ETSI EN 301489-9:V2.1.1 Final Draft	Electromagnetic compatibility and Radio spectrum Matters (ERM); 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 inear monitoring devices	
EMC	EN301489-9:V2.1.1	EMC standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar Radio Frequency audio link equipment, cordless audio and in-ear monitoring devices	
EMC	ETSI EN 301489-13:V1.2.1	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)	

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
EMC	ETSI EN 301489-15:V.2.2.1	Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 15: Specific conditions for commercially available amateur radio equipment	
EMC	ETSI EN 301489-17:V3.2.0 Final Draft	Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems	
EMC	EN301489-17:V3.2.4	EMC standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems	
EMC	ETSI EN 301489-19 V 2.1.0 Draft	Electromagnetic compatibility and Radio spectrum Matters (ERM) - Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications	
EMC	EN301489-19:V2.2.1	EMC standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data comm. and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data	
EMC	ETSI EN 301489-34:V2.1.1	Electromagnetic Compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 34: Specific conditions for External Power Supply (EPS) for mobile phones	
EMC	ETSI EN 301 489-51 V2.1.1	Electromagnetic Compatibility (EMC) standard for radio equipment and services - Part 51: Specific conditions for Automotive, Ground based Vehicles and Surveillance Radar Devices using 24,05 GHz to 24,25 GHz, 24,05 GHz to 24,5 GHz, 76 GHz to 77 GHz and 77 GHz to 81 GHz	up to 40 GHz
EMC	IEC 61000-4-2:2008	Electromagnetic compatibility (EMC) Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	
EMC	IEC 61000-4-3:2006 +A1:2007+A2:2010 IEC 61000-4-3:2020	Electromagnetic compatibility (EMC) Part 4-3: Testing and measurement techniques -Radiated, radiofrequency, electromagnetic field immunity test	up to 6 GHz, up to 10 V/m

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EMC	IEC 61000-4-4:2012	Electromagnetic compatibility (EMC) Part 4-4: Testing and measurement techniques -Electrical fast transient/burst immunity test	
EMC	IEC 61000-4-5:2014 +A1:2017	Electromagnetic compatibility (EMC) Part 4-5: Testing and measurement techniques - Surge immunity test	
EMC	IEC 61000-4-6:2013 IEC 61000-4-6:2023	Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radiofrequency fields	
EMC	IEC 61000-4-11:2020	Electromagnetic compatibility (EMC) Part 4-11: Testing and measurement techniques -Voltage dips, short interruptions and voltage variations immunity tests	Single phase ≤ 16A
EMC	IEC 61000-4-8:2009	Electromagnetic compatibility (EMC) Part 4-8: Testing and measurement techniques -Power frequency magnetic field immunity test	up to 100A/m
EMC	IEC 61000-4-11:2004 +A1:2017	Electromagnetic compatibility (EMC) Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	Single phase ≤16 A
EMC	IEC 61000-4-13:2002 +A1:2009+A2:2015	Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests	Single phase ≤ 16 A
EMC	CISPR 11:2015+ A1:2016+A2:2019	Industrial, scientific and medical (ISM) radio-frequency equipment – Electromagnetic disturbance characteristics – Limits and methods of measurement	
EMC	CISPR 13:2009+ A1:2015	Sound and television broadcast receivers and associated equipment Radio disturbance characteristics – Limits and methods of measurement	
EMC	CISPR 14-1:2016	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission	
EMC	CISPR 14-1:2020	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission	
EMC	CISPR 14-2:2015	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity - Product family standard	

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EMC	CISPR 15:2018	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment	
EMC	CISPR 22:2008	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement	
EMC	CISPR 25:2016	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	only part 6.5 (Radiated emission from components)
EMC	CISPR 25:2021	Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers	only part 6.5 (Radiated emission from components)
EMC	ISO 11452-2:2004	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure	250 MHz to 2 GHz
EMC	BS ISO 11452-4:2011	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	20 MHz to 250 MHz
EMC	ISO 11452-4:2005	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	20 MHz to 250 MHz
EMC	ISO 7637-2:2004+A1:2008	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only	No Puls 5
EMC	ISO 7637-2:2011	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only	
5. EMF			
EMF	DIN EN 62233:2008 VDE 0700-366:2008 (EN 62233:2008)	Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure	
EMF	DIN EN 62311:2008 VDE 0848-211:2008 (EN 62311:2008)	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)	up to 40 GHz, no SAR, no numerical modelling
EMF	EN IEC 62311:2020 (IEC 62311:2019)	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz)	up to 40 GHz, no SAR, no numerical modelling
EMF	IEC 62479.2010 (EN 62479:2010)	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)	up to 40 GHz

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
6. FUNK			
FUNK	ETSI EN 300086:V2.1.2	Land Mobile Service; Radio equipment with an internal or external RF connector intended primarily for analogue speech; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
FUNK	ETSI EN 300113:V2.2.1 ETSI EN 300113:V3.1.1	Land Mobile Service - Radio equipment intended for the transmission of data (and/or speech) using constant or nonconstant envelope modulation and having an antenna connector - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
FUNK	ETSI EN 300220-1:V3.1.1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1000 MHz - Part 1: Technical characteristics and methods of measurement	
FUNK	ETSI EN 300220-2:V3.2.1 Final Draft	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	
FUNK	EN300220-2:V3.1.1	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 Hz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non specific radio equipment	
FUNK	ETSI EN 300220-3-1: V2.1.1	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 the Directive 2014/53/EU - Low duty cycle high reliability equipment, social alarms equipment operating on designated frequencies (869,200 MHz to 869,250 MHz)	
FUNK	ETSI EN 300220-3-2: V1.1.1	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 the 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	

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
FUNK	ETSI EN 300220-4:V1.1.1	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 the Directive 2014/53/EU - Metering devices operating in designated band 169,400 MHz to 169,475 MHz	
FUNK	ETSI EN 300224:V2.1.1	Land Mobile Service - Radio Equipment for use in a Paging Service operating within the frequency range 25 MHz - 470 MHz	
FUNK	ETSI EN 300296:V2.1.1	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	
FUNK	ETSI EN 300328:V2.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM) - Wideband transmission systems - Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques - Harmonized EN covering the essential requirements under article 3.2 of Directive 2014/53/EU	
FUNK	EN300328:V2.2.2	Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum	
FUNK	ETSI EN 300330:V2.1.1	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 the Directive 2014/53/EU	
FUNK	ETSI EN 300341:V2.1.1	Land Mobile Service - Radio equipment using an integral antenna transmitting signals to initiate a specific response in the receiver - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
FUNK	ETSI EN 300422-1:V2.1.2 ETSI EN 300422-1:V2.2.1	Wireless Microphones - Audio-PMSE up to 3 GHz - Part 1: Class A Receivers - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
FUNK	ETSI EN 300422-2:V2.1.1	Wireless Microphones - Audio PMSE up to 3 GHz - Part 2: Class B Receivers - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
FUNK	ETSI EN 300440:V2.2.1	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	up to 40 GHz
FUNK	ETSI EN 300454-1:V1.1.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 1: Technical characteristics and tests methods	
FUNK	ETSI EN 300454-2:V1.1.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Wide band audio links; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive	
FUNK	ETSI EN 301357:V2.1.1	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	
FUNK	ETSI EN 301783:V2.1.1	Commercially available amateur radio equipment - Harmonised Standard covering the essential requirement of article 3.2 of the Directive 2014/53/EU	
FUNK	ETSI EN 301893:V2.1.1	5 GHz RLAN - Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
FUNK	ETSI EN 302536:V2.1.1	Short Range Devices (SRD) - Radio equipment operating in the frequency range 315 kHz to 600 kHz for Ultra Low Power Animal Implantable Devices (ULP-AID) and associated peripherals	
FUNK	ETSI EN 303204:V2.1.2	Network Based Short Range Devices (SRD) - Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
FUNK	EN303204:V3.1.1	Fixed Short Range Devices (SRD) in data networks; Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW e.r.p.;	
FUNK	ETSI EN 303340:V1.1.2 ETSI EN 303340:V1.2.1	Digital Terrestrial TV Broadcast Receivers - Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU	
FUNK	ETSI EN303345:V1.1.7 Final Draft	Broadcast Sound Receivers; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU	

Fachbereich	Norm oder Prüfverfahren / Ausgabestand	Titel der Norm oder des Prüfverfahrens	Einschränkungen zum Prüfverfahren
FUNK	ETSI EN 303345-1:V1.1.1. Final Draft	Broadcast Sound Receivers; Part 1: Generic requirements and measuring methods	
FUNK	ETSI EN 303345-2:V1.2.1	Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum	
FUNK	ETSI EN 303345-3:V1.1.1	Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum	
FUNK	ETSI EN 303345-4:V1.1.1	Broadcast Sound Receivers; Part 2: DAB broadcast sound service; Harmonised Standard for access to radio spectrum	
FUNK	ETSI EN 303354:V1.1.1	Amplifiers and active antennas for TV broadcast reception in domestic premises - Harmonised Standard covering the essen- tial requirements of article 3.2 of Directive 2014/53/EU	
FUNK	ETSI EN 303372-1:V1.1.1	Satellite Earth Stations and Systems (SES) - Satellite broadcast reception equipment - Harmonised Standard covering the essen- tial requirements of article 3.2 of the Directive 2014/53/EU - Part 1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band	
FUNK	ETSI EN 303372-1:V1.2.1	Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Part 1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band; Harmonised Standard for access to radio spectrum	
FUNK	ETSI EN 303372-2:V1.1.1 ETSI EN 303372-2:V1.2.1	Satellite Earth Stations and Systems (SES) - Satellite broadcast reception equipment - Harmonised Standard covering the essen- tial requirements of article 3.2 of the Directive 2014/53/EU - Part 2: Indoor unit	
FUNK	ETSI EN 303406:V1.1.1	Short Range Devices (SRD); Social Alarms Equipment operating in the frequency range 25 MHz to 1 000 MHz; Harmonised Stand- ard covering the essential requirements of article 3.2 of Directive 2014/53/EU	
FUNK	ETSI EN 303413:V1.1.1 ETSI EN 303413:V1.2.1	Satellite Earth Stations and Systems (SES) - Global Navigation Satellite System (GNSS) receivers - Radio equipment oper- ating in the 1164 MHz to 1300 MHz and 1559 MHz to 1610 MHz frequency bands	
FUNK	ETSI EN 303417:V1.1.1	Wireless power transmission systems, us- ing 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	

Section	Scope	Test Method(s)	Frequency (max. assessed)
7. Electromagnetic Compatibility and Telecommunication (FCC Requirements) - USA			
EMC	Unintentional Radiators (FCC Part 15, Subpart B)	ANSI C 63.4-2014 ANSI c 63.4a-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	40 GHz
EMC	Industrial, Scientific, and Medical Equipment (FCC Part 18) • Consumer ISM equipment	FCC MP-5:1986-02 FCC Methods of Measurements of Radio Noise Emissions from Industrial, Scientific, and Medical Equipment	40 GHz
TC	Intentional Radiators (FCC Part 15 Subpart C)	ANSI C 63.10-2013 American National Standard for Testing of Unlicensed Wireless Devices	40 GHz
TC	IEEE 1528:2013	IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques Scope: RF Radiation Exposure Devices subject to MPE or SAR requirements Stand alone or in combination with: - KDB 865664 - KDB 447498 - KDB 680106	Only devices subject to MPE