Author: Cliff Lin
Tel. +86 21 6056 7600
Fax. +86 21 6056 7555
E-mail: cliff.lin@dekra.com

Subject: EMC and RED Standard and its Update – Tool, HOUS, LITE, ITAV etc.
主题：家用电器、电动工具、 灯具、多媒体设备及车载产品的 EMC / 无线标准及其更新通知

Dear Valued Clients / 尊敬的客户:

In accordance with the recent publication of new amendment of EMC standard, we would like to draw your attention to the following EMC EU/UK standards and its updates.

我们特通知您欧盟英国电磁兼容标准及修订情况:

EMC Directive: Tool and HOUS / 电动工具和家用电器

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
	EN IEC 55014-1:2021 DOW:2023-10-12	Household appliances, electric tools and similar apparatus: Emission 家用电器、电动工具干扰		
	EN 55014-1:06 +A1:09+ A2:2011		04/05/2022	
+A11:2020	EN 55014-1:2017			04/11/2020
	BS EN IEC 55014-1:2021			
	CISPR 14-1:2020			
	CISPR 14-1:2016 +C1:2016			
	CISPR 11:2015	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement		
+A2:2021 (DOW: 2024-04-09)	EN 55011:2016 +A1:2017+A11:2020			04/11/2020
+A1:2010	EN 55011:2009		04/05/2022	

+A2:2021	BS EN 55011:2016			
	EN IEC 55014-2:2021 DOW: 2023-10-05	Household appliances, electric tools and similar apparatus Part 2: Immunity 家用电器、电动工具抗扰度		
A2:2008	EN 55014-2:97/AC:97 +A1:2001			20/04/2016
	EN 55014-2:2015			
	BS EN IEC 55014-2: 2021			
	CISPR 14-2:2020			
	CISPR 14-2:2015			
+A2:2024 (DOW: 2027-04-08)	EN IEC 61000-3-2: 2019+A1:2021 (DOW:2024-04-09)	Limits for harmonic current emissions (equipment input current <= 16 A per phase) 谐波电流发射限值(每相输入电流≤16A)		
	EN 61000-3-2:2014			20/04/2016
+A2:2024	BS EN IEC 61000-3-2:2019			
	IEC 61000-3-2:2014			
+A1::2020	IEC 61000-3-2:2018			
+A2:2021+AC:2022-01 (DOW:2024-11-05)	EN 61000-3-3:2013 +A1:2019 (DOW: 2022-08-02)	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 限值对额定电流不大于16A 设备在低压供电系统中产生电压波动和闪烁限制		20/04/2016
+A2:2021	BS EN 61000-3-3: 2013			
+A2:2021+C1:2022	IEC 61000-3-3:2013 +A1:2017			

EMC Directive: LITE / 灯具

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
+A11:2020	EN IEC 55015:2019	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment 电气照明和类似设备的无线电干扰特性的限值和测量方法		04/11/2020
+A1:2015	EN 55015:2013		04/05/2022	
+A11:2020	BS EN IEC 55015: 2019			
	CISPR 15:2018			
+A1:2015	CISPR 15:2013			
	EN IEC 61547:2023 DOW:2026-03-08	Equipment for general lighting purposes - EMC immunity requirements 一般照明用设备电磁兼容抗扰度要求		
	EN 61547:09			20/04/2016
	BS EN IEC 61547:2023			
	BS EN 61547:2009			
	IEC 61547:2020			
+C1:2010	IEC 61547:2009			
+A2:2024 (DOW: 2027-04-08)	EN IEC 61000-3-2: 2019+A1:2021 (DOW:2024-04-09)	Limits for harmonic current emissions (equipment input current <= 16 A per phase) 谐波电流发射限值(每相输入电流≤16A)		
	EN 61000-3-2:2014			20/04/2016
+A2:2024	BS EN IEC 61000-3-2:2019			
	IEC 61000-3-2:2014			
+A1::2020	IEC 61000-3-2:2018			
+A2:2021+AC:2022-01 (DOW:2024-11-05)	EN 61000-3-3:2013 +A1:2019 (DOW: 2022-08-02)	Limits – limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment		20/04/2016
+A2:2021	BS EN 61000-3-3: 2013			

+A2:2021+C1:2022	IEC 61000-3-3:2013 +A1:2017	with rated current <= 16 A per phase and not subject to conditional connection 限值对额定电流不大于16A 设备在低压供电系统中产生电压波动和闪烁限制		

EMC Directive: Multimedia equipment / 多媒体设备

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
A1:2020 (DOW:2023-12-04)	EN 55032:2015 +AC:2016+ A11:2020	Multimedia equipment 多媒体设备		04/11/2020
+A1:2020	BS EN 55032: 2015			
+A1:2019	CISPR 32:2015			
+A11:2020	EN 55035:2017	Multimedia equipment 多媒体设备	16/03/2021	16/03/2021
+A11:2020	BS EN 55035: 2017			
	CISRP 35:2016			
+A2:2024 (DOW: 2027-04-08)	EN IEC 61000-3-2: 2019+A1:2021 (DOW:2024-04-09)	Limits for harmonic current emissions (equipment input current <= 16 A per phase) 谐波电流发射限值(每相输入电流≤16A)		
	EN 61000-3-2:2014			20/04/2016
+A2:2024	BS EN IEC 61000-3-2:2019			
	IEC 61000-3-2:2014			
+A1::2020	IEC 61000-3-2:2018			
+A2:2021+AC:2022-01 (DOW:2024-11-05)	EN 61000-3-3:2013 +A1:2019 (DOW: 2022-08-02)	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 限值对额定电流不大于 16A 设备在低压供电系统中产生电压波动和闪烁限制		20/04/2016
+A2:2021	BS EN 61000-3-3:2013			
+A2:2021+C1:2022	IEC 61000-3-3:2013 +A1:2017			

EMC Directive: residential, commercial and light-industrial environments 住宅,工业和商业环境

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
	EN 61000-6-1:2007	Immunity-residential, commercial and light-industrial environments 抗扰度-住宅,工业和商业环境		20/04/2016 (OJ)
	EN IEC 61000-6-1 :2019			
	EN 61000-6-2:2005 +AC:2005	Immunity - industrial environments 抗扰度-工业环境		20/04/2016 (OJ)
	EN IEC 61000-6-2 :2019			
	EN 61000-6-3:2007 +A1:2011	Emission-equipment in residential environments 干扰-住宅环境		20/04/2016 (OJ)
	EN IEC 61000-6-3 :2021			
	EN 61000-6-4:2007 +A1:2011	Emission- industrial environments 干扰-工业环境		20/04/2016 (OJ)
	EN IEC 61000-6-4 :2019			

EMC Directive: Aftermarket electronic equipment in vehicles / 车载产品

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
	EN 50498:2010	Aftermarket electronic equipment in vehicles 车载产品		20/04/2016
	BS EN 50498:2010			

EMC Directive: Agricultural and forestry machinery / 农林机械

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
	EN ISO14982:2009	Agricultural and forestry machinery 农林机械		20/04/2016
	BS EN ISO 14982: 2009			
+A2:2024 (DOW: 2027-04-08)	EN IEC 61000-3-2: 2019+A1:2021 (DOW:2024-04-09)	Limits for harmonic current emissions (equipment input current <= 16 A per phase) 谐波电流发射限值(每相输入电流≤16A)		
	EN 61000-3-2:2014			20/04/2016
+A2:2024	BS EN IEC 61000-3-2:2019			
	IEC 61000-3-2:2014			
+A1::2020	IEC 61000-3-2:2018			
+A2:2021+AC:2022-01 (DOW:2024-11-05)	EN 61000-3-3:2013 +A1:2019 (DOW: 2022-08-02)	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 限值对额定电流不大于 16A 设备在低压供电系统中产生电压波动和闪烁限制		20/04/2016
+A2:2021	BS EN 61000-3-3: 2013			
+A2:2021	IEC 61000-3-3:2013 +A1:2017			

RED Standards / 无线指令标准

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Withdrawal OJ date 协调标准无效时间	Start of legal effect 法律效力起始时间
+A11:2020 DOW: 2022-07-28	EN 55035:2017	Multimedia equipment 多媒体设备		17.11.2017
+A11:2020	BS EN 55035: 2017			
+A1:2023	EN 50360:2017	mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz) 移动电话符合有关人类暴露于电磁场（300MHz-3GHz）基本限制	01.12.2023	01.12.2023
	BS EN 50360:2017			
	EN 50385:2017	radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) - General public 无线通讯系统的无线电基站及固定终端站的电磁场要求		17/11/2017
	BS EN 50385:2017			
+A2:2025	EN 50566:2017 +A1:2023	handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz)	01.12.2023 07.09.2026	07.09.2026
+A1:2023	BS EN 50566:2017			
	EN 62479:2010	low-power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)		

	BS EN 62479:2010	低功率电子电器产品的电磁场要求		
	IEC 62479:2010			
	EN 300 440 V2.1.1	Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		
	EN 300 440 V2.2.1 DOW: 2018-05 + 21 months			
	EN 300 440-2 V1.4.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive 工作在 1GHz 到 40GHz 频率范围内的 SRD 设备		
	EN 300 440-2 V3.1.1			
	EN 301 489-1 V1.9.2	Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements 无线射频产品的 EMC 测试要求总则		
	EN 301 489-1 V2.2.3 (2019-11) DOW:31 August 2021			
	EN 301 489-3 V2.3.2 (2023-01)	Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz 无线短距离频率在 9 kHz – 246 GHz 产品 EMC 部分的特殊要求		15.05.2025

	EN 301 489-7 V1.3.1 DOW:31 January 2009	Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications systems (GSM and DCS) 数字蜂窝无线通信系统的移动和便携无线和附属设备		
	EN 301 489-17 V3.3.1 (2024-09) DOW:30 June 2026	Part 17: Specific conditions for Broadband Data Transmission Systems 宽带数据传输系统		15.05.2025
	EN 301 489-24 V1.5.1 2010-10) DOW:31 July 2012	Part 24:Specific conditions for IMT-2000 CDMA Direct Spread (UTRA and E-UTRA) for Mobile and portable (UE) radio and ancillary equipment IMT- 2000 CDMA 直接扩频具体条件（UTRA 和 E- UTRA）移动和便携式无线和附属设备		
	EN 301 489-52 V1.3.1 (2024-11)	Part 52 Specific conditions for Cellular Communication, Mobile and portable (UE) radio and ancillary equipment		15.05.2025
	EN 300 220-1 V3.1.1(2017-02) DOW: 31 October 2017	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods		
	EN 300 220-1 V1.2.1			15.05.2025

	EN 300 220-2 V.3.3.1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 2: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive		11.12.2025
	EN 300 328 V2.2.2 (2019-07)	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 of article 3.2 of the R&TTE Directive 所有 2.4GHz 频段的宽带数据传输设备		06.02.2020
	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; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		10.03.2017
	EN 301 511 V 12.5.1 (2017-03)	Global System for Mobile communications (GSM); Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements under article 3.2 of the R&TTE directive (1999/5/EC)GSM900/GSM1800 频段数字蜂窝通信系统移动台		09.02.2018
	EN 301 893 V2.2.1 (2024-11)	5 GHz RLAN; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		15.05.2025

	EN 301 908-1 V15.2.1 (2023-01)	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 1: Introduction and common requirements:IMT 蜂窝网络		04.10.2023
	EN 301 908-2 V13.1.1 (2020-06)	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE):蜂窝网络-CDMA 直接扩频 （UTRA FDD）用户设备（UE）		27.10.2020
	ETSI EN 301 908-13 V13.4.1 (2026-09) DOW: 31 May 2028	IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) 蜂窝网络-演进的通用陆地无线接入（E-UTRA）用户设备（UE） IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE) 蜂窝网络-演进的通用陆地无线接入（E-UTRA）用户设备（UE）		
	ETSI EN 301 908-13 V13.3.1			15.05.2025
	EN 303 340 V2.1.1	Digital Terrestrial TV Broadcast Receivers; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU 数字地面电视广播接收机		12.04.2017
	ETSI EN 303 345-1 V1.1.1 (2019-06) DOW: 28 February 2021	Broadcast Sound Receivers; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		

	ETSI EN 303 345-2 V1.2.1(2021-12)	Broadcast Sound Receivers; Part 2: AM broadcast sound service; Harmonised Standard for access to radio spectrum		10.11.2022
	ETSI EN 303 345-3 V1.1.1 (2021-06)	Broadcast Sound Receivers; Part 3: FM broadcast sound service; Harmonised Standard for access to radio spectrum		10.11.2022
	ETSI EN 303 345-4 V1.1.1 (2021-06)	Broadcast Sound Receivers; Part 4: DAB broadcast sound service; Harmonised Standard for access to radio spectrum		10.11.2022
	ETSI EN 303 345-5 V1.2.1 (2021-12)	Broadcast Sound Receivers; Part 5: DRM broadcast sound service; Harmonised Standard for access to radio spectrum		10.11.2022
	EN 303 354 V1.2.1	Amplifiers and active antennas for TV broadcast reception in domestic premises; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		07.09.2026
	EN 303 413 V1.2.1 (2021-04)	Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU		29.03.2022
	EN 303 417 V1.1.1 (2017-09) DOW: 31 May 2019	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;		
	ETSI EN 303 645 V3.1.3 (2024-09) DOW: 30 June 2025	CYBER; Cyber Security for Consumer Internet of Things: Baseline Requirements 网络安全		
	EN 18031-1:2024	Part 1: Internet connected radio equipment 互联网连接的无线电设备		30.01.2025
	EN 18031-2:2024	Part 2: radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment		30.01.2025

		and wearable radio equipment 无线电设备数据处理，即联网无线电设备、儿童无线电设备、玩具无线电设备和可穿戴无线电设备		
	EN 18031-3:2024	Part 3: Internet connected radio equipment processing virtual money or monetary value 通过连接互联网处理虚拟货币或货币价值的无线电设备		30.01.2025

SAR / 人体辐射吸收比

New amendments / editions 最新修订/版本	Related standards / former edition 相关标准/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本标准假设不符合指令失效时间	Date of start of presumption of conformity 新标准假设符合指令起始使用时间
	EN IEC/IEEE 62209-1528:2021 *DOW:2024-11-19*	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)		

Note:

1. Indicated in red colour: new update and DOW not within next 12 months

   红色表示：新更新的标准，它的旧版标准的过期时间在 12 个月后

2. Indicated in blue colour: new update and DOW within next 12 months

   蓝色表示：新更新的标准，它的旧版标准的过期时间在 12 个月内

3. Indicated in yellow colour: the latest IEC standard update this year

   黄色表示：新更新的最新的版本的 IEC 标准

4. Indicated in purple colour: this standard is not harmonized standard or designated standards published in the EU or UK official journal

   紫色表示：该标准还不是公布在欧盟或英国官方文献的协调标准

5. Indicated in green color: Standards update in the EU official journal

   绿色表示：在官方文献公布的协调标准最新更新

From the DOW onwards, any product falling into the scope of the relevant safety Directive should comply with the new amendment / edition of standard for DEKRA certification.

在指令失效日期后，任何申请或已申请 DEKRA 认证的产品，只要是在相关指令范围之内，都必须符合这个最新指令的要求。

We would like to remind you that your products, which have already been certified by DEKRA without the consideration of the above Directive but they would still be available from the market after the corresponding DOW, should be resent to the respective DEKRA laboratory, in order to make sure that your product meets the requirement of new Directive.

我们想告诉您的是，如果您的产品在 DEKRA 认证时没有考虑以上更新的指令，而这些产品在旧指令失效日期后还将在市场上流通，那么您必须把产品重新送到 DEKRA 的相关实验室进行测试，以便确保您的产品符合最新的指令要求。

Please call our account manager for more details.

如需了解更多信息，请与我们的客户经理联系。

Yours faithfully,

Cliff Lin, 2026-09-30
Certification & Follow-Up Services,
Mainland China