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Subject: EMC and RED Standard and its Update – Tool, HOUS, LITE, ITAV etc.
主題：家用電器、電動工具、 燈具、多媒體設備及車載產品的 EMC / 無線標準及其更新通知

Dear Valued Clients／尊敬的客戶：

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.

我們特通知您歐盟英國電磁相容標準及修訂情況：

EMC Directive: Tool and HOUS / 電動工具和家用電器

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
	EN IEC 55014-1:2021 DOW:2023-10-12	Household appliances, electric tools and similar apparatus: Emission 家用電器、電動工具幹擾		
	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 家用電器、電動工具抗擾度		
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) 諧波電流發射限值(每相輸入電流≤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 限值對額定電流不大於16A 設備在低壓供電系統中產生電壓波動和閃爍限制		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 / 燈具

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
+A11:2020	EN IEC 55015:2019	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment 電氣照明和類似設備的無線電幹擾特性的限值和測量方法		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 一般照明用設備電磁相容抗擾度要求		
	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) 諧波電流發射限值(每相輸入電流≤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 限值對額定電流不大於 16A 設備在低壓供電系統中產生電壓波動和閃爍限制		

EMC Directive: Multimedia equipment / 多媒體設備

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
A1:2020 (DOW:2023-12-04)	EN 55032:2015 +AC:2016+ A11:2020	Multimedia equipment 多媒體設備		04/11/2020
+A1:2020	BS EN 55032: 2015			
+A1:2019	CISPR 32:2015			
+A11:2020	EN 55035:2017	Multimedia equipment 多媒體設備	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) 諧波電流發射限值(每相輸入電流≤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 限值對額定電流不大於 16A 設備在低壓供電系統中產生電壓波動和閃爍限制		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,工業和商業環境

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
	EN 61000-6-1:2007	Immunity-residential, commercial and light-industrial environments 抗擾度-住宅,工業和商業環境		20/04/2016（OJ）
	EN IEC 61000-6-1 :2019			
	EN 61000-6-2:2005 +AC:2005	Immunity - industrial environments 抗擾度-工業環境		20/04/2016（OJ）
	EN IEC 61000-6-2 :2019			
	EN 61000-6-3:2007 +A1:2011	Emission-equipment in residential environments 幹擾-住宅環境		20/04/2016（OJ）
	EN IEC 61000-6-3 :2021			
	EN 61000-6-4:2007 +A1:2011	Emission- industrial environments 幹擾-工業環境		20/04/2016（OJ）
	EN IEC 61000-6-4 :2019			

EMC Directive: Aftermarket electronic equipment in vehicles / 車載產品

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
	EN 50498:2010	Aftermarket electronic equipment in vehicles 車載產品		20/04/2016
	BS EN 50498:2010			

EMC Directive: Agricultural and forestry machinery / 農林機械

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
	EN ISO14982:2009	Agricultural and forestry machinery 農林機械		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) 諧波電流發射限值(每相輸入電流≤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 限值對額定電流不大於 16A 設備在低壓供電系統中產生電壓波動和閃爍限制		20/04/2016
+A2:2021	BS EN 61000-3-3: 2013			
+A2:2021	IEC 61000-3-3:2013 +A1:2017			

RED Standards / 無線指令標準

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Withdrawal OJ date 協調標準無效時間	Start of legal effect 法律效力起始時間
+A11:2020 DOW: 2022-07-28	EN 55035:2017	Multimedia equipment 多媒體設備		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) 行動電話符合有關人類暴露於電磁場（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 無線通訊系統的無線電基站及固定終端站的電磁場要求		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) 低功率電子電器產品的電磁場要求		
	BS EN 62479:2010			

	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 頻率範圍內的 SRD 設備		
	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 無線射頻產品的 EMC 測試要求總則		
	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 無線短距離頻率在 9 kHz – 246 GHz 產品 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) 數位蜂窩無線通訊系統的移動和便攜無線和附屬設備		
	EN 301 489-17 V3.3.1 (2024-09) DOW:30 June 2026	Part 17: Specific conditions for Broadband Data Transmission Systems 寬頻資料傳輸系統		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 直接擴頻具體條件（ UTRA 和 E- UTRA）移動和可携式無線和附屬設備		
	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 頻段的寬頻資料傳輸設備		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 頻段數位蜂窩通信系統移動台		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 蜂窩網路		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):蜂窩網路-CDMA 直接擴頻 （UTRA FDD）使用者設備（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) 蜂窩網路-演進的通用陸地無線接入（E-UTRA）使用者設備（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) 蜂窩網路-演進的通用陸地無線接入（E-UTRA）使用者設備（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 數位地面電視廣播接收機		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 網路安全		
	EN 18031-1:2024	Part 1: Internet connected radio equipment 互聯網連接的無線電設備		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 無線電設備資料處理，即聯網無線電設備、兒童無線電設備、玩具無線電設備和可穿戴無線電設備		
	EN 18031-3:2024	Part 3: Internet connected radio equipment processing virtual money or monetary value 通過連接互聯網處理虛擬貨幣或貨幣價值的無線電設備		30.01.2025

SAR / 人體輻射吸收比

New amendments / editions 最新修訂/版本	Related standards / former edition 相關標準/以前版本	Safety requirement for 安全要求	Date of withdrawal from OJ (end of presumption of conformity) 本標準假設不符合指令失效時間	Date of start of presumption of conformity 新標準假設符合指令起始使用時間
	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

   紅色表示：新更新的標準，它的舊版標準的過期時間在 12 個月後

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

   藍色表示：新更新的標準，它的舊版標準的過期時間在 12 個月內

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

   黃色表示：新更新的最新的版本的 IEC 標準

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：該標準還不是公佈在歐盟或英國官方文獻的協調標準

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

   綠色表示：在官方文獻公佈的協調標準最新更新

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.

在指令失效日期後，任何申請或已申請 DEKRA 認證的產品，只要是在相關指令範圍之內，都必須符合這個最新指令的要求。

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.

我們想告訴您的是，如果您的產品在 DEKRA 認證時沒有考慮以上更新的指令，而這些產品在舊指令失效日期後還將在市場上流通，那麼您必須把產品重新送到 DEKRA 的相關實驗室進行測試，以便確保您的產品符合最新的指令要求。

Please call our account manager for more details.

如需瞭解更多資訊，請與我們的客戶經理聯繫。

Yours faithfully,

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