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

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|-----------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|
| +A2:2021                                | BS EN 55011:2016                                   |                                                                                                                                                                                                                                                        |  |            |
|                                         | EN IEC 55014-2:2021<br>DOW: 2023-10-05             | Household appliances, electric tools and similar apparatus Part 2: Immunity<br>家用电器、电动工具抗扰度                                                                                                                                                            |  |            |
| A2:2008                                 | EN 55014-2:97/AC:97<br>+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<br>(DOW: 2027-04-08)           | EN IEC 61000-3-2:2019+A1:2021<br>(DOW:2024-04-09)  | Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)<br>谐波电流发射限值(每相输入电流 $\leq 16$ A)                                                                                                                                  |  |            |
|                                         | 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<br>(DOW:2024-11-05) | EN 61000-3-3:2013<br>+A1:2019<br>(DOW: 2022-08-02) | Limits – limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection<br>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<br>+A1:2017                     |                                                                                                                                                                                                                                                        |  |            |

## EMC Directive: LITE / 灯具

| New amendments editions<br>最新修订/版本      | Related standards / former edition<br>相关标准/以前版本    | Safety requirement for<br>安全要求                                                                                                                   | Date of withdrawal from OJ (end of presumption of conformity)<br>本标准假设不符合指令失效时间 | Date of start of presumption of conformity<br>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<br>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<br>DOW:2026-03-08                | Equipment for general lighting purposes - EMC immunity requirements<br>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<br>(DOW: 2027-04-08)           | EN IEC 61000-3-2: 2019+A1:2021<br>(DOW:2024-04-09) | Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)<br>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<br>(DOW:2024-11-05) | EN 61000-3-3:2013<br>+A1:2019<br>(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                              |                                                                                                                                                  |                                                                                 |                                                               |

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

# EMC Directive: Multimedia equipment / 多媒体设备

| New amendments / editions<br>最新修订/版本    | Related standards / former edition<br>相关标准/以前版本       | Safety requirement for<br>安全要求                                                                                                                                                                                                                          | Date of withdrawal from OJ (end of presumption of conformity)<br>本标准假设不符合指令失效时间 | Date of start of presumption of conformity<br>新标准假设符合指令起始使用时间 |
|-----------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|
| A1:2020<br>(DOW:2023-12-04)             | EN 55032:2015<br>+AC:2016+ A11:2020                   | Multimedia equipment<br>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<br>多媒体设备                                                                                                                                                                                                                           | 16/03/2021                                                                      | 16/03/2021                                                    |
| +A11:2020                               | BS EN 55035: 2017                                     |                                                                                                                                                                                                                                                         |                                                                                 |                                                               |
|                                         | CISRP 35:2016                                         |                                                                                                                                                                                                                                                         |                                                                                 |                                                               |
| +A2:2024<br>(DOW: 2027-04-08)           | EN IEC 61000-3-2:<br>2019+A1:2021<br>(DOW:2024-04-09) | Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)<br>谐波电流发射限值(每相输入电流 $\leq 16$ A)                                                                                                                                   |                                                                                 |                                                               |
|                                         | 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<br>(DOW:2024-11-05) | EN 61000-3-3:2013<br>+A1:2019<br>(DOW: 2022-08-02)    | Limits – limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection<br>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<br>+A1:2017                        |                                                                                                                                                                                                                                                         |                                                                                 |                                                               |

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

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

# EMC Directive: Agricultural and forestry machinery / 农林机械

| New amendments editions<br>最新修订/版本      | Related standards / former edition<br>相关标准/以前版本    | Safety requirement for<br>安全要求                                                                                                                                                                                  | Date of withdrawal from OJ (end of presumption of conformity)<br>本标准假设不符合指令失效时间 | Date of start of presumption of conformity<br>新标准假设符合指令起始使用时间 |
|-----------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|
|                                         | EN ISO14982:2009                                   | Agricultural and forestry machinery                                                                                                                                                                             |                                                                                 | 20/04/2016                                                    |
|                                         | BS EN ISO 14982: 2009                              | 农林机械                                                                                                                                                                                                            |                                                                                 |                                                               |
| +A2:2024<br>(DOW: 2027-04-08)           | EN IEC 61000-3-2: 2019+A1:2021<br>(DOW:2024-04-09) | Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)<br>谐波电流发射限值(每相输入电流 $\leq 16$ A)                                                                                           |                                                                                 |                                                               |
|                                         | 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<br>(DOW:2024-11-05) | EN 61000-3-3:2013 +A1:2019<br>(DOW: 2022-08-02)    | Limits – limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection |                                                                                 | 20/04/2016                                                    |
| +A2:2021                                | BS EN 61000-3-3: 2013                              |                                                                                                                                                                                                                 |                                                                                 |                                                               |
| +A2:2021                                | IEC 61000-3-3:2013 +A1:2017                        | 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                                                                                                                                                                            |                                                                                 |                                                               |

## RED Standards / 无线指令标准

| New amendments editions<br>最新修订/版本 | Related standards / former edition<br>相关标准/以前版本 | Safety requirement for<br>安全要求                                                                                                                                                                                                                                                 | Date of withdrawal from OJ (end of presumption of conformity)<br>本标准假设不符合指令失效时间 | Date of start of presumption of conformity<br>新标准假设符合指令起始使用时间 |
|------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|
| +A11:2020                          | EN 55035:2017                                   | Multimedia equipment<br>多媒体设备                                                                                                                                                                                                                                                  | 16/03/2021                                                                      | 16/03/2021                                                    |
| +A11:2020                          | BS EN 55035: 2017                               |                                                                                                                                                                                                                                                                                |                                                                                 |                                                               |
| +A1:2023<br>(DOW:2026-07-31)       | EN 50360:2017                                   | mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz)<br>移动电话符合有关人类暴露于电磁场 (300MHz-3GHz) 基本限制                                                                                                                         |                                                                                 | 17/11/2017                                                    |
|                                    | 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<br>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                                |                                                                                                                                                                                                                                                                                |                                                                                 |                                                               |
| +A1:2023<br>(DOW:2026-07-31)       | EN 50566:2017                                   | handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz)                                                                                                                                                                           |                                                                                 | 17/11/2017                                                    |
| +A1:2023                           | BS EN 50566:2017                                |                                                                                                                                                                                                                                                                                |                                                                                 |                                                               |
|                                    | EN 62479:2010                                   | low-power electronic and electrical equipment with the basic restrictions related to                                                                                                                                                                                           |                                                                                 |                                                               |

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|  |                                                       | 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                                                                                              |            | 14/07/2017 |
|  | EN 300 440 V2.2.1<br>DOW: 2018-05<br>+ 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<br>工作在 1GHz 到 40GHz 频率范围内的 SRD 设备 | 31/12/2018 |            |
|  | 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<br>无线射频产品的 EMC 测试要求总则                                                                                |            | 20/04/2016 |
|  | EN 301 489-1 V2.2.3 (2019-11)<br>DOW: 31 August 2021  |                                                                                                                                                                                                                                                                                           |            |            |
|  | EN 301 489-3 V2.3.2 (2023-01)<br>DOW: 31 October 2024 | Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz<br>无线短距离频率在 9 kHz – 246 GHz 产品 EMC 部分的特殊要求                                                                                                                                   |            |            |

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|  | EN 301 489-3<br>V2.1.1 (2019-03)<br>DOW:2017-03 +21 months |                                                                                                                                                                                                                                                                      |  |  |
|  | EN 301 489-7<br>V1.3.1<br>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)<br><br>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<br>V3.3.1 (2024-09)<br>DOW:30 June 2026      | Part 17: Specific conditions for Broadband Data Transmission Systems<br><br>宽带数据传输系统                                                                                                                                                                                 |  |  |
|  | EN 301 489-17<br>V3.2.4 (2020-09)<br>DOW:30 June 2022      |                                                                                                                                                                                                                                                                      |  |  |
|  | EN 301 489-24<br>V1.5.1 2010-10)<br>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<br><br>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<br>V1.2.1(2021-11)<br>(DOW: 31 August 2023)  | Part 52 Specific conditions for Cellular Communication, Mobile and portable (UE) radio and ancillary equipment                                                                                                                                                       |  |  |
|  | EN 300 220-1<br>V3.1.1(2017-02)<br>DOW: 31 October 2017    | Electromagnetic compatibility and Radio spectrum Matters (ERM);<br>Short Range Devices (SRD);<br>Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW;<br>Part 1: Technical characteristics and test methods |  |  |

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|--|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|
|  | EN 300 220-2<br>V.3.2.1(2018-06)<br>DOW: 31 March<br>2020  | Electromagnetic compatibility<br>and Radio spectrum Matters<br>(ERM);<br>Short Range Devices (SRD);<br>Radio equipment to be used in<br>the 25 MHz to 1 000 MHz<br>frequency range with power<br>levels ranging up to 500 mW;                                                                                                                               |  | 10/03/2017 |
|  | EN 300 220-2<br>V.3.1.1                                    | Part 2: Harmonized EN<br>covering essential requirements<br>under article 3.2 of the R&TTE<br>Directive                                                                                                                                                                                                                                                     |  |            |
|  | EN 300 328 V2.2.2<br>(2019-07)                             | Electromagnetic compatibility<br>and Radio spectrum Matters<br>(ERM); Wideband transmission<br>systems; Data transmission<br>equipment operating in the 2,4<br>GHz ISM band and using wide<br>band modulation techniques;<br>Harmonized EN covering the<br>essential requirements of article<br>3.2 of the R&TTE Directive<br><br>所有 2.4GHz 频段的宽带数据传<br>输设备 |  | 06/02/2020 |
|  | EN 300 330 V2.1.1<br>(2017-02)                             | Short Range Devices (SRD);<br>Radio equipment in the<br>frequency range<br>9 kHz to 25 MHz and inductive<br>loop systems in the frequency<br>range 9 kHz to 30 MHz;<br>Harmonized Standard covering<br>the essential requirements<br>of article 3.2 of Directive<br>2014/53/EU                                                                              |  | 10/03/2017 |
|  | EN 301 511<br>V 12.5.1 (2017-03)                           | Global System for Mobile<br>communications (GSM);<br>Harmonized EN for mobile<br>stations in the GSM 900 and<br>GSM 1800 bands covering<br>essential requirements under<br>article 3.2 of the R&TTE<br>directive<br>(1999/5/EC)GSM900/GSM1800<br>频段数字蜂窝通信系统移动台                                                                                              |  | 09/02/2018 |
|  | EN 301 893 V2.2.1<br>(2024-11)<br>DOW:<br>29 February 2028 | 5 GHz RLAN;<br>Harmonized Standard covering<br>the essential requirements of<br>article 3.2 of Directive<br>2014/53/EU                                                                                                                                                                                                                                      |  |            |

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|--|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|
|  | EN 301 893 V2.1.1<br>(2017-05)                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | 08/06/2017 |
|  | EN 301 908-1<br>V15.2.1 (2023-01)<br>DOW:<br>31 October 2024    | IMT cellular networks;<br>Harmonized EN covering the<br>essential requirements of article<br>3.2 of the R&TTE Directive;<br>Part 1: Introduction and                                                                                                                                                                                                                                                                                                                                                                       |  |            |
|  | EN 301 908-1<br>V15.1.1 (2021-09)<br>DOW:<br>30 June 2023       | common requirements:IMT 蜂<br>窝网络                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |            |
|  | EN 301 908-2<br>V13.1.1 (2020-06)                               | IMT cellular networks; Harmonized<br>EN covering the essential<br>requirements of article 3.2 of the<br>R&TTE Directive; Part 2: CDMA<br>Direct Spread (UTRA FDD) User<br>Equipment (UE):蜂窝网络-CDMA<br>直接扩频 (UTRA FDD) 用户设备<br>(UE)                                                                                                                                                                                                                                                                                         |  | 27/10/2020 |
|  | ETSI EN 301 908-<br>13 V13.2.1<br>(2022-02)<br>30 November 2023 | IMT cellular networks; Harmonized<br>EN covering the essential<br>requirements of article 3.2 of the<br>R&TTE Directive; Part 13: Evolved<br>Universal Terrestrial Radio Access<br>(E-UTRA) User Equipment (UE)<br>蜂窝网络-演进的通用陆地无线接入<br>(E-UTRA) 用户设备 (UE)<br><br>IMT cellular networks; Harmonized<br>EN covering the essential<br>requirements of article 3.2 of the<br>R&TTE Directive; Part 13: Evolved<br>Universal Terrestrial Radio Access<br>(E-UTRA) User Equipment (UE)<br>蜂窝网络-演进的通用陆地无线接入<br>(E-UTRA) 用户设备 (UE) |  |            |

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|--|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|
|  | ETSI EN 301 908-13 V13.1.1 (2019-11)                        |                                                                                                                                                           |  | 27/10/2020 |
|  | EN 303 340 V1.2.1 (2020-09)<br>DOW: 30 June 2018            | Digital Terrestrial TV Broadcast Receivers; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU<br>数字地面电视广播接收机 |  |            |
|  | EN 303 340 V1.1.2 (2016-09)                                 |                                                                                                                                                           |  | 11/11/2016 |
|  | ETSI EN 303 345-1 V1.1.1 (2019-06)<br>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                                           |  | 11/11/2022 |
|  | 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                                           |  | 11/11/2022 |
|  | 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                                          |  | 11/11/2022 |
|  | 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                                          |  | 11/11/2022 |
|  | EN 303 354 V1.1.1 (2017-03)                                 | Amplifiers and active antennas for TV broadcast reception in domestic premises; Harmonized Standard covering the essential requirements of article 3.2 of |  | 12/05/2017 |

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|--|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|
|  |                                                       | Directive 2014/53/EU                                                                                                                                                                                                                                                                                |  |                |
|  | 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)<br>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)<br>DOW: 30 June 2025 | CYBER; Cyber Security for Consumer Internet of Things: Baseline Requirements<br>网络安全                                                                                                                                                                                                                |  |                |
|  | EN 303 645 V2.1.1 (2020-06)<br>DOW: 31 March 2021     |                                                                                                                                                                                                                                                                                                     |  |                |
|  | EN 18031-1:2024                                       | Part 1: Internet connected radio equipment<br>互联网连接的无线电设备                                                                                                                                                                                                                                           |  | 2025 年 8 月 1 日 |
|  | EN 18031-2:2024                                       | Part 2: radio equipment processing data, namely Internet connected radio equipment, childcare radio equipment, toys radio equipment and wearable radio equipment<br>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                                                                                    |  | 2025 年 8 月 1 日 |
|  | 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                                                                                                                                                                                      |  | 2025 年 8 月 1 日 |

## SAR / 人体辐射吸收比

| New amendments / editions<br>最新修订/版本 | Related standards / former edition<br>相关标准/以前版本 | Safety requirement for<br>安全要求                                                                                                                                                                                                                                                                                                   | Date of withdrawal from OJ (end of presumption of conformity)<br>本标准假设不符合指令失效时间 | Date of start of presumption of conformity<br>新标准假设符合指令起始使用时间 |
|--------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|
|                                      | EN IEC/IEEE 62209-1528:2021<br>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)<br>人体暴露于射频领域的手持和身体安装无线通信设备 (频段: 4 MHz to 10 GHz) |                                                                                 |                                                               |
|                                      | EN 62209-1:2016                                 | Human exposure to radio frequency fields from handheld and body-mounted wireless communication devices. Part 1: Procedure to determine the specific absorption rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)<br>人体暴露于射频领域的手持和身体安装无线通信设备(频率范围: 300 MHz to 3 GHz)      |                                                                                 |                                                               |
|                                      | BS EN 62209-1:2016                              |                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                                               |
|                                      | IEC 62209-1:2016                                |                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                                               |
| +A1:2019                             | EN 62209-2:2010                                 | Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close                                                     |                                                                                 |                                                               |
| +A1:2019                             | BS EN 62209-2:2010                              |                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                                               |
| +A1:2019                             | IEC 62209-2: 2010 +C1:2010                      |                                                                                                                                                                                                                                                                                                                                  |                                                                                 |                                                               |

|  |  |                                                                                                                                  |  |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------|--|--|
|  |  | proximity to the human body<br>(frequency range of 30 MHz<br>to 6 GHz)<br>人体暴露于手持和体载无线通<br>信装置产生的射频场紧贴耳朵<br>(频率范围30 MHz ~ 3 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,

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Cliff Lin, 2025-06-30  
Certification & Follow-Up Services,  
Mainland China

**Product Testing**  
**DEKRA East & South Asia**