电子产品 安全与电磁兼容认证
实施规则

Implementation Rules for Safety and Electromagnetic Compatibility Certification of Electronic Products

2026-10-20 Issued on 发布　　2026-10-22 Implemented on 实施

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0 引言 Introduction

本规则由精准通检测认证（广东）有限公司发布，版权归精准通检测认证（广东）有限公司所有，任何组织及个人未经精准通检测认证（广东）有限公司许可，不得以任何形式全部或部分使用。

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本规则于 2023 年 6 月 16 日第一次修订，2026 年 10 月 20 日第二次修订（升版为 PTC001001-2026），主要变化：①增加证书有效性查询与认证信息报送要求（第 12 条）；②增加暂停、恢复、撤销、注销的具体条件与程序（7.4）；③补充其他机构检测结果采信规则（5.1.7）；④关键零部件清单标准补充年代号。

These Rules were first revised on June 16, 2023, and revised for the second time on October 20, 2026 (upgraded to PTC001001-2026). The main changes include: ① Addition of requirements for certificate validity inquiries and certification information submission (Article 12); ② Addition of specific conditions and procedures for suspension, reinstatement, withdrawal and cancellation (Clause 7.4); ③ Supplementation of the rules for acceptance of test results from other organizations (Clause 5.1.7); ④ Addition of year designations to the standards in the list of critical components.

制定单位：精准通检测认证（广东）有限公司

Drafting Organization: Precise Testing & Certification (Guangdong) Co., Ltd.

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These Rules are public documents. This organization provides the currently valid version of these Rules and their revision records free of charge on its official website (www.ptc-lab.com), which may be accessed by any relevant party without the need to submit a request.

Information regarding the formulation, revision and repeal of these Rules is also published on this organization's website, and filed in accordance with the requirements of the Certification and Accreditation Administration of the People's Republic of China (CNCA).

1 适用范围 Scope of Application

本规则适用于音频、视频、信息技术、商务和办公机器领域内的电气和电子设备及其附件的安全和电磁兼容认证。

These Rules apply to the safety and electromagnetic compatibility certification of electrical and electronic equipment and their accessories in the fields of audio, video, information technology, business and office machinery.

本规则适用于额定电压不超过 600 V 的上述电气和电子设备。

These Rules apply to the above-mentioned electrical and electronic equipment with a rated voltage not exceeding 600 V.

本规则适用于不在实施强制性认证管理的原 CCC 目录内08、09类产品。

These Rules apply to products in Categories 08 and 09 that are not included in the original CCC Catalogue subject to mandatory certification management.

2 认证模式 Certification Mode

认证模式：型式试验+获证后监督

Certification mode: Type testing + post-certification surveillance

认证的基本环节包括：

The basic certification procedures include:

A.认证的申请 Certification application

B.产品型式试验 Product type testing

C.认证结果评价与批准 Evaluation and approval of certification results

D.获证后的监督 Post-certification surveillance

3 认证单元划分 Division of Certification Units

3.1 认证单元按产品型号划分。同一制造商、同一生产者，电气结构及安全件完全相同、仅型号命名或外观 / 颜色不同的产品，可作为一个认证单元申请，并应在申请时明确单元内覆盖的全部型号及差异说明。

Certification units are divided according to product models. Products from the same manufacturer and the same producer, with identical electrical structures and safety-critical components, and differing only in model designation or appearance/colour, may be applied

for as one certification unit. All models covered within the unit and an explanation of their differences shall be clearly specified at the time of application.

3.2 同一制造商、同一产品型号、不同生产厂的产品应分为不同的申请单元，但型式试验仅在一个生产厂的样品上进行，必要时其他生产厂应提供样品和相关资料供PTC 进行一致性核查。

Products of the same product model from the same manufacturer but produced at different production facilities shall be divided into separate application units. However, type testing shall be conducted on samples from only one production facility. Where necessary, other production facilities shall provide samples and relevant documentation to PTC for consistency verification.

4 认证委托 Certification Application

4.1 认证委托的提出与受理 Submission and Acceptance of Certification Applications

认证委托人可通过PTC官方网络途径或书面向PTC提出认证委托。认证委托人需按要求准确填写必要的企业信息和产品信息。

The certification applicant may submit a certification application to PTC through its official online channels or in writing. The certification applicant shall accurately complete the required company information and product information as required.

PTC依据相关要求对认证申请进行审核后发出受理或不予受理的通知，或要求认证委托人整改后重新提出认证申请。

PTC shall review the certification application in accordance with the relevant requirements and issue a notice of acceptance or non-acceptance, or require the certification applicant to make rectifications and resubmit the certification application.

资料评审一般不超过15个工作日。
The document review shall generally be completed within 15 working days.

4.2 申请资料 Application Materials

认证委托人应在申请受理后，向 PTC 提交有关的申请资料和技术资料，包括：认证申请书；
The certification applicant shall submit the relevant application documents and technical documents to PTC after the application is accepted, including: certification application form;

认证委托人、生产者、生产厂的注册证明（如营业执照、组织机构代码证等）；
Registration certificates of the certification applicant, producer and production factory (such as business licenses, organization code certificates, etc.);

代理人委托书（如有）；
Power of attorney for the agent (if applicable);

认证协议书；
Certification agreement;

产品描述信息，必要时包括：型号规格、技术参数、结构、关键元器件和/或材料清单、电气原理图、总装图、信息安全资料、软件规格书、同一认证单元内不同规格产品的差异说明等；
Product description information, including, where necessary: model specifications, technical parameters, structure, list of critical components and/or materials, electrical schematic diagrams, general assembly drawings, information security documents, software specifications, explanations of differences between products of different specifications within the same certification unit, etc.;

认证委托人、生产者、生产企业之间签订的有关协议书或合同（如 ODM/OEM 协议）；对于变更申请，相关变更项目的证明文件；
Relevant agreements or contracts signed between the certification applicant, producer and manufacturing enterprise (such as ODM/OEM agreements); for change applications, supporting documents for the relevant changes;

其它需要的文件。
Other required documents.

认证委托人应对提供资料的真实性负责。
The certification applicant shall be responsible for the authenticity of the documents and information provided.

PTC 对认证委托人提供的认证资料进行管理、保存，并负有保密义务。
PTC shall manage and retain the certification documents and information provided by the certification applicant and shall be obligated to maintain confidentiality.

4.3 实施安排 Implementation Arrangements

PTC 在受理后制定认证实施的具体方案，并将其通知认证委托人。认证实施的具体方案通常包括以下内容：
After accepting the application, PTC shall formulate a specific certification implementation plan and notify the certification applicant. The specific certification implementation plan generally includes the following:

a) 需要提交的申请资料清单；List of application documents to be submitted;

b) 实验室信息；Laboratory information;

c) 有关 PTC 工作人员的联系方式；Contact information of relevant PTC personnel;

d) 其他需要说明的事项。Other matters requiring clarification.

5 认证实施 Certification Implementation

5.1 型式试验 Type Testing

5.1.1 型式试验方案 Type Testing Plan

PTC 在受理认证申请后，指定实验室实施型式试验，由实验室制定型式试验方案，并告知认证委托人。试验和验证方案包括：样品要求和数量、检测和验证标准及项目、实验室信息等。

After accepting the certification application, PTC shall designate a laboratory to conduct the type testing. The laboratory shall formulate the type testing plan and inform the certification applicant accordingly. The testing and verification plan shall include: sample requirements and quantities, testing and verification standards and items, laboratory information, etc.

5.1.2 型式试验样品要求 Type Testing Sample Requirements

通常情况下，型式试验的样品由认证委托人按 PTC 的要求选送代表性样品用于检测或技术验证。必要时，PTC 也可采取现场抽样/封样方式获得样品，委托人对样品负责。

Under normal circumstances, the certification applicant shall select and submit representative samples for testing or technical verification in accordance with PTC's requirements. Where necessary, PTC may also obtain samples through on-site sampling/sealing. The certification applicant shall be responsible for the samples.

5.1.2.1 送样原则 Sample Submission Principles

申请单元中只有一个型号的，送本型号的样品。以系列产品为同一申请单元申请认证时，应从中选取具有代表性的型号，并且选送的样品应覆盖系列产品的安全要求和电磁兼容要求，不能覆盖时，还应选送申请单元内的其它产品做补充试验。

If the application unit contains only one model, samples of that model shall be submitted. When applying for certification with a series of products as one application unit, representative models shall be selected, and the submitted samples shall cover the safety and electromagnetic compatibility requirements of the product series. If the submitted samples cannot cover all requirements, additional products within the application unit shall also be submitted for supplementary testing.

5.1.2.2 样品数量 Sample Quantity

申请人负责把样品送到委托的检测机构，整机产品的送样数量见附件 1。随整机单独检测的关键零部件/元器件送样数量以及送样要求见附件 2。

The applicant shall be responsible for delivering the samples to the designated testing organization. The number of samples to be submitted for complete products is specified in Appendix 1. The number of samples and submission requirements for critical parts/components tested separately from the complete product are specified in Appendix 2.

5.1.2.3 样品及资料处置 Handling of Samples and Documents

试验结束并出具试验报告后，有关试验记录和相关资料由检测机构保存，样品按 PTC 有关规定处置。

After completion of the testing and issuance of the test report, the relevant test records and documents shall be retained by the testing organization, and the samples shall be disposed of in accordance with the relevant PTC regulations.

5.1.3 型式试验依据标准 Standards for Type Testing

1） GB 4943.1-2022《音视频、信息技术和通信技术设备 第 1 部分：安全要求》 Audio/video, information and communication technology equipment – Part 1: Safety requirements

2） GB 17625.1-2022《电磁兼容 限值第 1 部分：谐波电流发射限值（设备每相输入电流≤16A）》 Electromagnetic compatibility – Limits – Part 1: Limits for harmonic current emissions (equipment input current ≤16 A per phase)

3） GB/T 9254.1-2021《信息技术设备、多媒体设备和接收机电磁兼容 第 1 部分：发射要求》 Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers – Part 1: Emission requirements

4） GB/T 9254.2-2021《信息技术设备、多媒体设备和接收机电磁兼容 第 2 部分：抗扰度要求》 Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers – Part 2: Immunity requirements

申请电磁兼容认证时，GB 17625.1-2022 与 GB/T 9254.1-2021 为必选标准，GB/T 9254.2-2021 抗扰度为可选标准；仅申请安全认证的，可不适用电磁兼容标准。
When applying for electromagnetic compatibility certification, GB 17625.1-2022 and GB/T 9254.1-2021 are mandatory standards, while the immunity requirements of GB/T 9254.2-2021 are optional. Electromagnetic compatibility standards are not applicable to applications for safety certification only.

5.1.4 型式试验的实施 Implementation of Type Testing

5.1.4.1 试验项目及要求 Test Items and Requirements

电子产品及其附件的安全指标应满足 GB 4943.1-2022 标准中规定的全部适用要求。
The safety requirements for electronic products and their accessories shall comply with all applicable requirements specified in GB 4943.1-2022.

电子产品及其附件的电磁兼容性指标应满足申请人选择标准中规定的全部适用要求。
The electromagnetic compatibility requirements for electronic products and their accessories shall comply with all applicable requirements specified in the standards selected by the applicant.

5.1.4.2 试验方法 Test Methods

按照 5.1.3 中规定以及其引用的检测方法和/或标准进行试验。
Testing shall be conducted in accordance with the standards specified in Clause 5.1.3 and the test methods and/or standards referenced therein.

5.1.4.3 型式试验时限 Type Testing Time Limit

型式试验时间一般为 30 个工作日（因检验或验证项目不合格，企业进行整改和复测的时间不计算在内）。
The type testing period is generally 30 working days (the time taken by the enterprise to implement corrective actions and conduct retesting due to failed testing or verification items is excluded).

必要时，实验室可安排技术人员对认证产品进行现场技术验证。
Where necessary, the laboratory may arrange for technical personnel to conduct on-site technical verification of the certified products.

5.1.4.4 判定 Determination

型式试验应符合产品标准的要求。
The type testing shall comply with the requirements of the applicable product standards.

当型式试验或验证项目部分不合格时，原则上，整改应在 6 个月内完成，超过该期限的视为认证终止。
If some items of the type testing or verification fail to meet the requirements, corrective actions shall, in principle, be completed within 6 months. If this period is exceeded, the certification shall be deemed terminated.

5.1.5 检测报告 Test Report

实验室按照标准完成型式试验后，按照规定出具检测和验证报告。
After completing the type testing in accordance with the standards, the laboratory shall issue the test and verification report as required.

5.1.6 关键零部件的要求 Requirements for Critical Components

关键零部件/元器件见电子产品及其附件产品描述（附件 3），对电磁兼容性能有影响的主要零部件见附件 2。
The critical parts/components are specified in the Product Description of Electronic Products and Their Accessories (Appendix 3). The main components affecting electromagnetic compatibility performance are listed in Appendix 2.

整机内的关键零部件/元器件（附件 1）应按对应要求单独送样进行检测，关键零部件/元器件已获得强制性产品认证证书/自愿性认证证书的，可免于单独检测，但仍应提供样品和相关资料供 PTC 核查。
The critical parts/components within the complete product (Appendix 1) shall be separately submitted for testing in accordance with the corresponding requirements. Critical parts/components that have obtained Compulsory Product Certification Certificates or Voluntary Certification Certificates may be exempted from separate testing, but samples and relevant documents shall still be provided for PTC's verification.

为确保获证产品的一致性，关键零部件/元器件的技术参数、规格型号、制造商、生产厂发生变更时，持证人应及时提出变更申请，并送样进行试验或提供书面资料确认，经 PTC 批准后方可在获证产品中使用。
To ensure the consistency of certified products, when changes occur to the technical parameters, specifications and models, manufacturer, or production factory of critical

parts/components, the certificate holder shall promptly submit a change application and provide samples for testing or submit written documentation for confirmation. Such changes may only be implemented in certified products after approval by PTC.

5.1.7 其他机构检测结果的采信 Acceptance of Test Results from Other Organizations: 申请人可提交 IECEE-CB 体系 CB 测试证书 / 报告申请，本机构按下列规则采信：①认证依据标准与 CB 报告标准为同一 IEC 标准的等同版本，或已确认的技术等效版本；②报告由具备相应认可范围的 CB 实验室出具且在产品变更前；③差异部分（国家差异、元器件差异）补充检测。采信结论及理由记录于认证评定记录。
Acceptance of Test Results from Other Organizations: The applicant may submit an application using CB Test Certificates/Reports under the IECEE-CB Scheme. This organization shall accept such results in accordance with the following rules: ① The certification standard and the standard used in the CB report shall be equivalent versions of the same IEC standard, or confirmed technically equivalent versions; ② The report shall be issued by a CB laboratory with the corresponding scope of accreditation and shall have been issued before any product changes; ③ Supplementary testing shall be conducted for any differences (national differences and component differences). The acceptance conclusion and reasons shall be recorded in the certification evaluation records.

5.2 认证评价与决定 Certification Evaluation and Decision

PTC 对申请资料、型式试验结论、有关资料/信息等进行综合评价，做出认证决定。对符合认证要求的，批准并颁发认证证书。
PTC shall conduct a comprehensive evaluation of the application documents, type testing results, and relevant documents/information, and make a certification decision. For products that meet the certification requirements, PTC shall grant approval and issue a certification certificate.

5.3 认证时限 Certification Time Limit

认证时限指自受理认证申请之日起至颁发认证证书时止所实际发生的工作日。包括型式试验时间、认证结果评价和批准时间，及证书制作时间。
The certification time limit refers to the actual number of working days from the date of acceptance of the certification application to the issuance of the certification certificate. It includes the time required for type testing, evaluation and approval of certification results, and certificate preparation.

PTC 对认证各环节的时限做出明确规定，并确保相关工作按时限要求完成。认证委托人须对认证活动予以积极配合。一般情况下，自受理认证委托起 80 天内向委托人出具认证证书（认证委托人准备资料、送样、型式试验整改等时间不计算在内）。
PTC shall clearly specify the time limits for each stage of the certification process and ensure that the relevant work is completed within the specified time limits. The certification applicant shall actively cooperate with the certification activities. Under normal circumstances, the certification certificate shall be issued to the applicant within 80 days from the date of acceptance of the certification application (the time taken by the certification applicant to prepare documents, submit samples, carry out corrective actions for type testing, etc. is excluded).

型式试验时间一般为 30 个工作日（因检测项目不合格整改和复试时间不计算在内）。当整机零部件和材料需要进行随机试验时，如果其试验所需时间超过整机试验时间，型式试验时间按零部件/材料最长的试验时间计算。
The type testing period is generally 30 working days (excluding the time required for corrective actions and retesting due to failed test items). When random testing of components and materials of the complete product is required, if the testing time required exceeds that for the complete product, the type testing period shall be calculated based on the longest testing time required for the components/materials.

6 获证后的监督 Post-Certification Surveillance

6.1 获证后监督方式和频次 Methods and Frequency of Post-Certification Surveillance

获证后监督方式包括：生产现场抽取样品检测或市场抽样检测两种方式之一或组合。通常情况下，对获证企业及产品，从颁发首张证书之日起 12 个月内进行第一次监督检测，以后每年至少一次。
Post-certification surveillance shall be conducted through either or a combination of the following methods: sampling and testing at the production site or market sampling and testing. Under normal circumstances, the first surveillance testing of certified enterprises and products shall be conducted within 12 months from the date of issuance of the first certificate, and at least once every year thereafter.

6.2 生产现场抽取样品检测 Sampling and Testing at the Production Site

6.2.1 生产现场抽取样品检测原则 Principles for Sampling and Testing at the Production Site

对获证产品进行生产现场抽样检测，抽样检测的样品应在生产合格品中随机抽取。
Samples of certified products shall be randomly selected from qualified products at the production site for sampling and testing.

6.2.2 生产现场抽取样品检测内容 Scope of Sampling and Testing at the Production Site

认证检测采用的标准所规定的项目均可作为抽样检测项目。
All items specified in the standards used for certification testing may be selected as sampling and testing items.

6.3 市场抽样检测 Market Sampling and Testing

6.3.1 市场抽样检测原则 Principles for Market Sampling and Testing

对获证产品必要时，进行市场抽样。认证委托人、生产者、生产企业应积极配合，如提供获证产品的销售信息，以及使用方、经销商和/或销售网点信息等。
Where necessary, market sampling of certified products shall be conducted. The certification applicant, producer and manufacturing enterprise shall actively cooperate, including providing sales information of certified products, as well as information on users, distributors and/or sales outlets.

6.3.2 市场抽样检测内容 Scope of Market Sampling and Testing

市场抽样包括产品一致性核查和/或产品检测。认证检测采用的标准所规定的项目均可作为抽样检测项目。PTC 根据不同产品的质量情况，进行部分或全部项目的检测。
Market sampling includes product consistency verification and/or product testing. All items specified in the standards used for certification testing may be selected as sampling and testing items. PTC shall conduct testing on some or all items depending on the quality conditions of different products.

6.4 非例行监督检测 Non-Routine Surveillance Testing

持证人若发生下列情况之一，PTC 将增加非例行监督检测。
If the certificate holder falls under any of the following circumstances, PTC shall conduct additional non-routine surveillance testing.

1）获证产品发生严重质量问题、用户提出严重投诉或产品问题较多的持证人；

Serious quality problems occur with certified products, users raise serious complaints, or the certificate holder has a high number of product-related issues;

2）有足够的信息表明持证人因变更组织机构、生产条件、管理体系等可能影响产品符合性或一致性时。

There is sufficient information indicating that changes to the certificate holder's organizational structure, production conditions, management system, etc., may affect product conformity or consistency.

6.5 获证后监督结果的评价 Evaluation of Post-Certification Surveillance Results

PTC 对抽取样品的检测结论和有关资料/信息进行综合评价。评价通过，可继续保持认证证书、使用认证标志；评价不通过，PTC 应当根据相应情形做出暂停或撤销认证证书的处理，并予以公布。
PTC shall conduct a comprehensive evaluation of the test results of the sampled products and relevant documents/information. If the evaluation is passed, the certification certificate may remain valid and the certification mark may continue to be used. If the evaluation is not passed, PTC shall suspend or withdraw the certification certificate according to the relevant circumstances and make the decision public.

6.6 获证后监督的组成 Composition of Post-Certification Surveillance

获证后监督由下列活动的一项或多项组成：
Post-certification surveillance shall consist of one or more of the following activities:

a）生产现场生产一致性核查（含关键零部件、结构、标识与认证批准状态的一致性）；
Production consistency verification at the production site (including consistency of critical components, structure, markings and certification approval status);

b）生产现场抽取样品检测；
Sampling and testing at the production site;

c）市场抽样检测；
Market sampling and testing;

d）与获证产品生产、质量管理有关的文件与记录核查。
Verification of documents and records related to the production and quality management of certified products.

首次获证后监督应包含 a）项。本规则不设独立的初次工厂检查，产品持续符合性由上述监督活动结合持证人质量保证能力自我声明保证；采用该方式的理由（产品风险等级、生产技术成熟度、获证后监督有效性及历史不合格数据）见认证方案风险说明。
The first post-certification surveillance shall include item a). These Rules do not provide for a separate initial factory inspection. Continued product conformity shall be ensured through the above-mentioned surveillance activities in combination with the certificate holder's self-declaration of quality assurance capability. The reasons for adopting this approach (product risk level, maturity of production technology, effectiveness of post-certification surveillance and historical non-conformity data) are specified in the risk explanation of the certification scheme.

7 认证证书 Certification Certificate

7.1 认证证书的保持 Maintenance of Certification Certificates

本文件覆盖的认证证书有效期一般为 3 年。有效期内，证书的有效性依赖 PTC 的获证后监督获得保持。
The validity period of certification certificates covered by this document is generally 3 years. During the validity period, the validity of the certificates shall be maintained through post-certification surveillance conducted by PTC.

ODM 和 OEM 证书的有效期按其相关协议中的有效期，但不超过 3 年；ODM 证书的有效期还应不超过初始认证证书的有效期。
The validity period of ODM and OEM certificates shall be subject to the validity period specified in their respective agreements, but shall not exceed 3 years. The validity period of an ODM certificate shall also not exceed that of the initial certification certificate.

认证证书有效期届满，需要延续使用的，认证委托人应当在认证证书有效期届满前 6 个月（最迟不晚于届满前 90 天）提出复评 / 再认证委托。证书有效期内最后一次获证后监督结果合格，且未发生影响符合性的变更的，PTC 在受理后直接换发新证书；否则按再认证程序实施。
If continued use of the certification certificate is required upon expiration, the certification applicant shall submit an application for re-evaluation/recertification 6 months before the certificate expires (no later than 90 days before its expiration). If the results of the last post-certification surveillance conducted during the certificate validity period are satisfactory and no changes affecting conformity have occurred, PTC shall directly issue a new certificate upon acceptance of the application; otherwise, the recertification procedure shall be followed.

7.2 认证证书覆盖产品的变更 Changes to Products Covered by the Certification Certificate

产品获证后，如果其产品发生变更以及认证证书的相关信息、标准等发生变更时，认证委托人应向 PTC 提出变更批准/备案的申请。
After a product has been certified, if changes are made to the product itself or to relevant information, standards, etc. specified in the certification certificate, the certification applicant shall submit an application to PTC for change approval/filing.

7.2.1 变更委托和要求 Change Application and Requirements

以下内容发生变更时，认证委托人应向 PTC 提交变更申请：
When any of the following changes occur, the certification applicant shall submit a change application to PTC:

a. 获证产品名称、型号命名方式、技术参数更改；
Changes to the name, model designation method or technical parameters of the certified product;

b. 在证书上增加或减少同种产品其它型号；
Addition or removal of other models of the same type of product from the certificate;

c. 产品认证所依据的国家标准、认证规则变化；
Changes to the national standards or certification rules on which product certification is based;

d. 认证委托人、生产者、生产企业名称和/或地址更改；
Changes to the name and/or address of the certification applicant, producer or manufacturing enterprise;

e. 产品中关键件、材料更改；
Changes to critical components or materials used in the product;

f. 软件内容，版本变化；
Changes to software content or version;

g. 产品的关键元器件、结构或材料发生了涉及本规则检测标准项目的变化；
Changes to the critical components, structure or materials of the product that affect the test items specified in the testing standards under these Rules;

h. 生产企业的质量体系发生变化（例如所有权、组织机构或管理者发生了变化）；
Changes to the quality management system of the manufacturing enterprise (e.g. changes in ownership, organizational structure or management);

i. 其他。
Other changes.

对于隶属同一生产者的多个生产企业的相同产品、相同内容的变更，认证委托人可仅提交一次变更委托，PTC 对变更涉及的认证证书予以关联使用。
For identical products manufactured by multiple manufacturing enterprises under the same

producer, where the changes are identical in content, the certification applicant may submit only one change application, and PTC shall apply the relevant change to all associated certification certificates involved.

7.2.2 变更评价和批准 Evaluation and Approval of Changes

PTC 根据变更的内容，对提供的资料进行评价，确定是否可以批准变更。如需样品检测（和/或技术验证），应在检测（和/或技术验证）合格后方能批准变更。原则上，应以最初进行全项型式试验的代表性型号样品作为变更评价的基础。
PTC shall evaluate the submitted documents based on the nature of the changes and determine whether the changes can be approved. If sample testing (and/or technical verification) is required, the changes may only be approved after the samples pass the testing (and/or technical verification). In principle, the samples of the representative model originally used for full type testing shall serve as the basis for the evaluation of changes.

7.2.3 变更备案 Change Filing

对于不涉及关键元器件、结构和材料的变更，在不需要提供样品试验的情况下，可由 PTC 认可的生产企业认证技术负责人确认批准，保存相应记录并报 PTC 备案。
For changes that do not involve critical components, structure or materials and do not require sample testing, confirmation and approval may be given by the certification technical responsible person of the manufacturing enterprise recognized by PTC. The relevant records shall be retained and reported to PTC for filing.

认证技术负责人由生产者任命/授权，并经 PTC 考核认定；认证技术负责人应具有独立行使其职能的权力，具备实施其职能的能力；认证技术负责人不得兼任其他生产者的认证技术负责人；认证技术负责人变更时，生产者负责上报 PTC 并重新申请考核认定。
The certification technical responsible person shall be appointed/authorized by the producer and assessed and recognized by PTC. The certification technical responsible person shall have the authority to independently perform their duties and possess the capability to carry them out. The certification technical responsible person shall not concurrently serve as the certification technical responsible person of another producer. When a change occurs to the certification technical responsible person, the producer shall report the change to PTC and reapply for assessment and recognition.

7.3 认证证书覆盖产品的扩展 Extension of Products Covered by the Certification Certificate

认证委托人需要扩展已经获得的认证证书覆盖的产品范围时，应向 PTC 提出变更申请。PTC 根据认证委托人提供的扩展产品有关技术资料，核查扩展产品与原认证产品的差异，确认原认证结果对扩展产品的有效性，并针对差异做补充试验或生产现场产品进行检查。核查通过的，PTC 根据认证委托人的要求单独颁发或换发认证证书。
When the certification applicant needs to extend the scope of products covered by an existing certification certificate, a change application shall be submitted to PTC. Based on the relevant technical documents of the extended products provided by the certification applicant, PTC shall verify the differences between the extended products and the originally certified products, confirm the validity of the original certification results for the extended products, and conduct supplementary testing for the differences or inspection of the products at the production site. If

the verification is passed, PTC shall issue a separate certification certificate or replace the existing certificate according to the requirements of the certification applicant.

原则上，应以最初进行全项型式试验的代表性型号样品作为扩展评价的基础。
In principle, the samples of the representative model originally used for full type testing shall serve as the basis for the extension evaluation.

7.4 认证证书的注销、暂停和撤销 Cancellation, Suspension and Withdrawal of Certification Certificates

7.4.1 发生下列情形之一，本机构暂停认证证书并书面通知持证人：
In any of the following circumstances, this organization shall suspend the certification certificate and notify the certificate holder in writing:

a）获证后监督检测结论不合格，经整改仍不符合要求；
The post-certification surveillance testing results are unsatisfactory, and the product still fails to meet the requirements after corrective actions;

b）关键零部件、结构、材料发生变更未按规定申请并获批准；
Changes to critical components, structure or materials have been made without submitting an application and obtaining approval as required;

c）无正当理由未在规定期限内接受获证后监督；
Failure to undergo post-certification surveillance within the specified period without justifiable reasons;

d）未按期缴纳认证费用；
Failure to pay certification fees within the prescribed period;

e）获证产品与认证批准状态不一致且未在限期内纠正；
The certified product is inconsistent with the approved certification status and the inconsistency has not been corrected within the specified period;

f）持证人主动申请。暂停期限最长 6 个月。
Voluntary application by the certificate holder. The maximum suspension period shall be 6 months.

7.4.2 暂停期间持证人应停止使用认证证书和认证标志；完成整改后可提出恢复申请，经核查（必要时含检测）合格后恢复，恢复日期为核查合格之日。
During the suspension period, the certificate holder shall cease using the certification certificate and certification mark. After completing the corrective actions, the certificate holder may submit an application for reinstatement. The certification certificate shall be reinstated after the verification (including testing where necessary) is passed. The reinstatement date shall be the date on which the verification is passed.

7.4.3 发生下列情形之一，本机构撤销认证证书：
In any of the following circumstances, this organization shall withdraw the certification certificate:

a）暂停期满未完成整改或整改后仍不合格；
Corrective actions have not been completed upon expiration of the suspension period, or the product still fails to meet the requirements after corrective actions;

b）以欺骗、贿赂等不正当手段获得认证；
Certification was obtained through improper means such as fraud or bribery;

c）转让、伪造、变造认证证书或认证标志；
Transfer, forgery or alteration of the certification certificate or certification mark;

d）获证产品存在严重缺陷造成人身、财产损害。
The certified product has serious defects that cause personal injury or property damage.

7.4.4 持证人主动放弃认证、产品停产且不再恢复生产、或企业依法注销的，本机构注销认证证书。
This organization shall cancel the certification certificate if the certificate holder voluntarily relinquishes the certification, the product is discontinued with no plans to resume production, or the enterprise is legally deregistered.

7.4.5 上述处理按 PTCRZ-QP-12a《产品认证 批准、保持、延长、暂停、恢复、撤销和注销的条件和程序》执行；作出暂停、撤销、注销决定的同时按第 12 条报送证书状态信息，并在本机构网站公告。
The above actions shall be carried out in accordance with PTCRZ-QP-12a "Product Certification – Conditions and Procedures for Approval, Maintenance, Extension, Suspension, Reinstatement, Withdrawal and Cancellation". When a decision is made to suspend, withdraw or cancel a certification certificate, the certificate status information shall be submitted in accordance with Article 12, and the decision shall be announced on this organization's website.

7.5 认证证书的使用 Use of Certification Certificates

持证人应遵守 PTC 有关产品认证证书管理的相关规定。
The certificate holder shall comply with the relevant PTC regulations on the management of product certification certificates.

8 认证标志 Certification Mark

认证标志的管理、使用应当符合 PTC 有关认证标志管理的相关规定。
The management and use of the certification mark shall comply with the relevant PTC regulations on certification mark management.

8.1 准许使用的标志式样 Permitted Certification Mark Design

式样如下图所示：
The design is shown in the figure below:



8.2 标注方式 Marking Method

如施加标志，证书持有者应按照 PTC 有关产品认证标识的相关规定执行。可以在产品本体、铭牌、说明书、包装上施加认证标志。
If the certification mark is applied, the certificate holder shall comply with the relevant PTC regulations on product certification marking. The certification mark may be applied to the product itself, nameplate, instruction manual or packaging.

9 收费 Fees

认证收费按《认证收费规则》收取。
Certification fees shall be charged in accordance with the Certification Fee Rules.

10 认证责任 Certification Responsibilities

PTC 应对做出的认证结论负责。
PTC shall be responsible for the certification conclusions it makes.

指定实验室应对检测结果和检测报告负责。
The designated laboratory shall be responsible for the test results and test reports.

认证委托人应对其所提交的委托资料及样品的真实性、合法性负责。
The certification applicant shall be responsible for the authenticity and legality of the application documents and samples submitted.

11 技术争议及申诉 Technical Disputes and Appeals

认证委托人提出的申诉、投诉和争议按照 PTC 的相关规定处理。
Appeals, complaints and disputes raised by the certification applicant shall be handled in accordance with the relevant PTC regulations.

12 认证证书有效性查询与认证信息报送 Certification Certificate Validity Inquiry and Submission of Certification Information

12.1 本机构在官方网站（www.ptc-lab.com，下同）“证书查询”栏目，向公众提供免费、实时、便捷的电子产品认证证书有效性查询服务，无需注册、无需付费；查询结果至少包括证书编号、认证委托人名称、生产者名称、生产企业名称及地址、产品名称与型号、认证依据标准名称与版本、认证模式、发证日期、证书有效期及证书状态（有效 / 暂停 / 撤销 / 注销）。
This organization provides the public with free, real-time and convenient validity inquiry services for electronic product certification certificates through the "Certificate Inquiry" section of its official website (www.ptc-lab.com, hereinafter the same). No registration or payment is required. The inquiry results shall include, at a minimum, the certificate number, name of the certification applicant, name of the producer, name and address of the manufacturing enterprise, product name and model, name and version of the certification standards, certification mode, date of issuance, certificate validity period and certificate status (valid/suspended/withdrawn/cancelled).

12.2 本规则为本机构自行制定并发布的认证规则，依据本规则出具的认证证书按12.1规定的方式查询；本机构不以提示引导、链接跳转或任何其他方式，将国家认监委网站作为本机构认证证书有效性的查询方式。
These Rules are certification rules independently formulated and issued by this organization. Certification certificates issued in accordance with these Rules shall be queried through the method specified in Clause 12.1. This organization shall not, through prompts, guidance, link redirection or any other means, designate the website of the Certification and Accreditation Administration of the People's Republic of China (CNCA) as the inquiry channel for the validity of its certification certificates.

12.3 本机构将12.1规定的查询方式报送国家认监委并向社会公开，查询方式发生变更的于变更前10个工作日在网站公告。
This organization shall submit the inquiry method specified in Clause 12.1 to the CNCA and make it publicly available. Any changes to the inquiry method shall be announced on the website 10 working days before the changes take effect.

12.4 本机构按《市场监管总局关于加强认证信息报送和认证证书信息查询管理的公告》（2026年第28号）通过“认证认可业务信息统一上报平台”报送下列信息：
This organization shall submit the following information through the "Unified Information Submission Platform for Certification and Accreditation Business" in accordance with the Announcement of the State Administration for Market Regulation on Strengthening the Management of Certification Information Submission and Certification Certificate Information Inquiry (Announcement No. 28 of 2026):

a）认证计划，于计划实施3日前报送，计划变更的于原计划开始日期前1日23点前报送，计划撤销的于实施前报送，计划终止的于实施结束前报送；
Certification plans, which shall be submitted 3 days before implementation; changes to plans shall be submitted before 23:00 on the day preceding the original planned start date; cancelled plans shall be submitted before implementation; and terminated plans shall be submitted before the end of implementation;

b）认证结果信息，于结果产生后1日内报送认证活动、认证人员、认证对象信息；
Certification result information, including information on certification activities, certification personnel and certification subjects, which shall be submitted within 1 day after the results are generated;

c）证书状态信息，于出具认证证书以及作出暂停、注销、撤销证书决定的同时报送；
Certificate status information, which shall be submitted at the same time as the issuance of certification certificates and decisions to suspend, cancel or withdraw certificates;

d）分支机构信息，于设立后10日内报送。
Branch information, which shall be submitted within 10 days after establishment.

12.5 本机构对报送信息的全面性、真实性、准确性负责，不得有虚假、误导或遗漏。
This organization shall be responsible for the completeness, authenticity and accuracy of the submitted information. Such information shall not contain any false, misleading or omitted information.

12.6 认证委托人、生产者、生产企业应按本机构要求及时、准确提供报送所需的企业信息、产品信息及认证活动信息并对其真实性负责，信息变更的应在变更后 5 个工作日内书面告知本机构。

The certification applicant, producer and manufacturing enterprise shall provide the enterprise information, product information and certification activity information required for submission in a timely and accurate manner in accordance with the requirements of this organization, and shall be responsible for the authenticity of such information. Any changes to the information shall be notified to this organization in writing within 5 working days after the changes occur.

附件 1：安全关键元器件和材料清单

Appendix 1: List of Safety-Critical Components and Materials

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
1	电线组件 Cord sets	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 15934	12组 12 sets
	外部布线（不包括电源软线） External wiring (excluding power supply cords)	型号、阻燃等级、制造商、生产企业 Model, flame-retardant rating, manufacturer, manufacturing plant	GB/T 18380.12、GB/T 18380.13、GB/T 18380.22 或 GB/T 5169.23	3米 3 m
	内部布线（不包括电源软线） Internal wiring (excluding power supply cords)	线径、阻燃等级、制造商 Wire diameter, flame-retardant rating, manufacturer	GB/T 18380.12、GB/T 18380.13、GB/T 18380.22 或 GB/T 5169.23	3米 3 m
	电源插头 Plugs	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 1003、GB/T 2099.1、GB/T 1002	12个 12 pcs
	可拆卸插头 Detachable plugs	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 4943.1 和 GB/T 1002、GB/T 1003	随整机考核 Assessed with the complete unit
	电源软线 Power supply cords	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 5023.5、GB/T 5013	50米 50 m
	器具耦合器（含连接器） Appliance couplers (including connectors)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 17465.1、GB/T 17465.2	12套 12 sets
2	机内电源单元 Internal power supply units	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 4943.1	2个 2 pcs
	电源适配器 Power adapters	型号、规格、制造商、生产企业	GB 4943.1	2个 2 pcs

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
		Model, specification, manufacturer, manufacturing plant		
3	小型熔断器 Miniature fuses	型号、规格、熔断特性（适用时）、分断能力、制造商、生产企业 Model, specification, fusing characteristic (where applicable), breaking capacity, manufacturer, manufacturing plant	GB/T 9364.1、GB/T 9364.2、GB/T 9364.3、GB/T 9364.4、GB/T 9364.7	48~66个（根据具体产品和适用标准确定） 48–66 pcs (depending on the product and applicable standards)
	熔断器座 Fuseholders	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 9364.6、GB/T 9816.1	27个 27 pcs
4	热熔断体 Thermal-links (thermal cut-outs)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 9364.6、GB/T 9816.1	60个 60 pcs
5	平面变压器 Planar transformers	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 4943.1	6个（独立）；随PCB板考核 6 pcs (standalone); assessed with the PCB
	平面变压器用印制板 Printed boards for planar transformers	型号、阻燃等级、制造商 Model, flame-retardant rating, manufacturer	GB 4943.1	随变压器 Assessed with the transformer
6	隔离变压器 Isolating transformers	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 4943.1，或按适用情况符合：GB/T 19212.1、GB/T 19212.5、GB/T 19212.7、GB/T 19212.17	4个（其中1个为未封装的） 4 pcs (one of them unpackaged)
	骨架 Bobbins	材料牌号、阻燃等级、温度（适用时）、制造商 Material grade, flame-retardant rating, temperature (where applicable),	GB 4943.1	骨架材料样条5条或随变压器 5 strips of bobbin material, or assessed with the transformer

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
		manufacturer		
	绝缘胶带 Insulating tape	材料牌号、厚度、耐压值、温度、制造商 Material grade, thickness, withstand voltage, temperature, manufacturer	GB 4943.1	随变压器 Assessed with the transformer
	绝缘线（含完全绝缘绕组线） Insulated wires (including fully insulated winding wires)	型号、线径、绝缘等级、耐热等级、FIW级、制造商 Model, wire diameter, insulation class, heat-resistance class, FIW class, manufacturer	GB 4943.1	6米 6 m
7	抑制射频干扰固定电感器骨架（热固性除外） Bobbins for fixed RF suppression inductors (except thermosetting)	型号、规格（燃烧等级和温度（适用时））、制造商 Model, specification (flammability rating and temperature, where applicable), manufacturer	GB 4943.1	3个 3 pcs
8	抑制无线电干扰电容器（隔离、跨线、X类、Y类电容器） Capacitors for radio-interference suppression (isolating, bridging, X-class, Y-class capacitors)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 6346.14 或 IEC 60384-14	58个 58 pcs
9	安全防护用电阻器 Resistors for safety protection	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	10个 10 pcs
10	熔断电阻 Fusible resistors	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1 或 SJ 2865 或 SJ/T 11611	单体90个；随机10个 90 pcs alone; 10 pcs at random
	小型断路器 Miniature circuit breakers	型号、规格、制造商 Model, specification,	GB/T 10963.1	32个 32 pcs

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
		manufacturer		
11	压敏电阻器/电涌抑制器 Voltage-dependent resistors / surge suppressors	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1 和 GB/T 10193、GB/T 10194；IEC 61051-2:1991+Amd1:2009 或 IEC 61643-331:2017	15只（已获GB/T 10193、GB/T 10194认证，否则另加60只） 15 pcs (if certified to GB/T 10193 and GB/T 10194; otherwise an additional 60 pcs)
12	PTC热敏电阻 PTC thermistors	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1 和 IEC 60730-1	20只 20 pcs
13	印制板基材/成品板 Printed board base materials / finished boards	材料牌号/型号、燃烧等级、制造商 Material grade/model, flammability rating, manufacturer	PCB：GB 4943.1 或 SJ 3275；基材：GB/T 4721、GB/T 4722、GB/T 4723、GB/T 4724、GB/T 4725 或其他等效国家标准	样条 13mm×130mm×实际厚度10条/成品板3块 10 strips of 13 mm × 130 mm × actual thickness / 3 finished boards
14	防火防护外壳及内外部材料、防火挡板、装饰件材料、空气过滤装置材料 Materials of fire enclosures and internal/external parts, fire barriers, decorative parts and air filter devices	材料牌号/型号、燃烧等级、制造商 Material grade/model, flammability rating, manufacturer	GB 4943.1	样条 13mm×130mm×实际厚度10条/材料3块 10 strips of 13 mm × 130 mm × actual thickness / 3 material samples
15	器具开关 Switches for appliances	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 15092.1 和 GB 4943.1	7个 7 pcs
16	继电器 Relays	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 4943.1 和 IEC 61810-1	7个 7 pcs
17	安全联锁装置 Safety interlocks	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	随整机考核 Assessed with the complete unit

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
18	光电耦合器 Optocouplers	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	20个 20 pcs
19	整件滤波器 Complete filters (filter units)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB/T 15287、GB/T 15288*	按不同重量为16/12/6/3个（元件已认证），42/32/16/8个（元件未认证） 16/12/6/3 pcs by weight class (components certified); 42/32/16/8 pcs (components not certified)
20	高压组件（>4kV） High-voltage assemblies (> 4 kV)	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	3套 3 sets
21	便携式电子产品用锂离子电池和电池组 Lithium-ion cells and batteries for portable electronic products	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 31241 或须有CCC认证	电池：27个；电池组：33个 Cells: 27 pcs; battery packs: 33 pcs
	固定式电子设备用锂离子电池和电池组 Lithium-ion cells and batteries for stationary electronic equipment	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	GB 40165	电池：18个；电池组：12个 Cells: 18 pcs; battery packs: 12 pcs
	其它电池（考核电池保护电路） Other batteries (battery protection circuit to be assessed)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant	钮扣电池按GB/T 8897系列，或按整机标准要求进行相关标准测试	随整机考核 Assessed with the complete unit
22	光辐射单元 Optical radiation units	激光单元：型号、激光功率等级、制造商 Laser unit: model, laser power class, manufacturer	IEC 60825-1:2014、IEC 60825-2、IEC 60825-12	随整机考核/部件考核 Assessed with the complete unit / as a component
	光辐射单元 Optical radiation units	LED单元：型号、危险类别、制造商	GB/T 20145、IEC 62471	随整机考核 Assessed with the complete unit

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
		LED unit: model, risk group, manufacturer		
	光辐射单元 Optical radiation units	LED单元（图像投影仪）：型号、危险类别、制造商 LED unit (image projector): model, risk group, manufacturer	GB/T 30117.5	随整机考核 Assessed with the complete unit
23	逆变板/逆变变压器 Inverter boards / inverter transformers	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	随整机考核 Assessed with the complete unit
24	电机（含风扇） Motors (including fans)	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	随整机考核 Assessed with the complete unit
25	天线隔离器（电容、电阻、阻容单元） Antenna isolators (capacitor, resistor, RC units)	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	2个/随整机考核 2 pcs / assessed with the complete unit
26	墙壁或天花板安装用挂架 Wall or ceiling mounting brackets	结构（可描述/照片）、厚度、材质、制造商；螺钉：直径、长度、材质 Construction (describable/photo), thickness, material, manufacturer; screws: diameter, length, material	GB 4943.1	随整机考核 Assessed with the complete unit
27	IC限流器 IC current limiters	型号、规格（电源限制规格、最大输入电压、最大输出负载）、制造商 Model, specification (power-limit rating, maximum input voltage, maximum output load), manufacturer	GB 4943.1	6个/随整机考核 6 pcs / assessed with the complete unit

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
28	加压充液的元器件 Pressurized and fluid-filled components	型号、规格（最大工作压力）、管道和相关配件材质、制造商 Model, specification (maximum working pressure), material of tubing and related accessories, manufacturer	GB 4943.1	6个LFC＋用管道和相关配件的材料制成的10个LFC样品（适用时） 6 LFCs + 10 LFC samples made of the material of the tubing and related accessories (where applicable)
29	含有电容器放电功能的IC（ICX）及关联电阻器 ICs with capacitor discharge function (ICX) and associated resistors	型号、规格、制造商；电阻：阻值 Model, specification, manufacturer; resistor: resistance value	GB 4943.1	5个/随整机考核 5 pcs / assessed with the complete unit
30	绝缘垫片/挡板 Insulating spacers / barriers	材质、厚度、燃烧等级、制造商 Material, thickness, flammability rating, manufacturer	GB 4943.1	随整机考核 Assessed with the complete unit
31	无线功率发射器（无线充） Wireless power transmitters (wireless chargers)	型号、输入/输出规格、制造商 Model, input/output specification, manufacturer	GB 4943.1	1个/随整机考核 1 pc / assessed with the complete unit
	线圈 Coils	型号、额定电流、温度限值、尺寸（线圈内径、线圈外径、每层绕线数、层数）、制造商 Model, rated current, temperature limit, dimensions (inner diameter, outer diameter, turns per layer, number of layers), manufacturer	GB 4943.1	随整机考核 Assessed with the complete unit
	IC器件 IC devices	型号、输入电压/电流/功率、制造商 Model, input voltage/current/power, manufacturer	GB 4943.1	随整机考核 Assessed with the complete unit
	温度器件（如：	型号、规格、制	GB 4943.1	随整机考核

序号 No.	关键件名称 Key Component	控制参数 Control Parameters	检测依据标准 Reference Standard	样品数量 Sample Quantity
	NTC） Temperature devices (e.g. NTC)	造商 Model, specification, manufacturer		Assessed with the complete unit
32	耳机 Earphones	型号、规格、制造商 Model, specification, manufacturer	GB 4943.1	1个 1 pc

注：上述标准自动适用其现行有效版本；

Note: The current valid versions of the above standards shall automatically apply.

1、上述关键件若集成在其他部件中且不能分离，则其它部件应满足关键件的相关要求，并作为关键件列出，如，作初次级隔离用的光电耦合器集成在 IC 中，则 IC 是关键件）。

1. If the above critical components are integrated into other components and cannot be separated, the other components shall meet the relevant requirements for the critical components and be listed as critical components. For example, if an optocoupler used for primary-to-secondary isolation is integrated into an IC, the IC shall be considered a critical component.

2、若整机中含有 CCC 目录内的产品或元器件且上表未列出的，应补充相关信息并考核；

2. If the complete product contains products or components listed in the CCC Catalogue that are not included in the above table, the relevant information shall be supplemented and evaluated.

3、序号 19*仅采用 GB/T 15288 中的有关安全性能部分的要求。

3. For item No. 19*, only the relevant safety performance requirements specified in GB/T 15288 shall apply.

4、上述安全关键件如为非标器件，应列入清单并按适用标准管控。

4. If any of the above safety-critical components are non-standard components, they shall be included in the list and controlled in accordance with the applicable standards.

附件 2：对电磁兼容性能有影响的主要零部件

Appendix 2: Main Components Affecting Electromagnetic Compatibility (EMC) Performance

序号 No.	主要零部件 Main Component	控制参数 Control Parameters	检测项目 Test Items

序号 No.	主要零部件 Main Component	控制参数 Control Parameters	检测项目 Test Items
1	电源单元（无CCC认证） Power supply unit (without CCC certificate)	型号、规格 Model, specification	交流电源端口传导发射、谐波电流 Conducted emission at AC mains port, harmonic current
2	主板 Main board	型号/唯一标识、电路布线（照片）、制造商 Model/unique identifier, circuit layout (photo), manufacturer	辐射发射 Radiated emission
3	中央处理单元 Central processing unit	核数、频率、制造商 Number of cores, frequency, manufacturer	辐射发射 Radiated emission
4	显示单元（含控制电路） Display unit (including control circuit)	型号/唯一标识、屏尺寸 Model/unique identifier, screen size	辐射发射 Radiated emission
	显示单元的独立控制电路 Independent control circuit of the display unit	型号/唯一标识 Model/unique identifier	辐射发射 Radiated emission
5	电信接口电路 Telecommunication interface circuit	接口类型、传输速率 Interface type, transmission rate	不对称模式传导发射 Asymmetric-mode conducted emission
6	打印单元 Printing unit	型号、规格 Model, specification	辐射发射 Radiated emission
7	调谐单元 Tuning unit	型号、制式（模拟/数字/DVB-C） Model, standard (analogue/digital/DVB-C)	辐射发射、传导差模电压发射、不对称模式传导发射 Radiated emission, conducted differential-mode voltage emission, asymmetric-mode conducted emission
8	整件滤波器 Complete filters (filter units)	型号、规格、制造商 Model, specification, manufacturer	交流电源端口传导发射、辐射发射、谐波电流 Conducted emission at AC mains port, radiated emission, harmonic current
9	网卡（独立） Network card (standalone)	型号/唯一标识、电路布线（照片）、制造商 Model/unique identifier, circuit layout (photo), manufacturer	不对称模式传导发射 Asymmetric-mode conducted emission

序号 No.	主要零部件 Main Component	控制参数 Control Parameters	检测项目 Test Items
10	金属或有EMI涂料的机箱 Metal cabinet or cabinet with EMI coating	外形结构尺寸、型号/唯一标识、材料、制造商 External dimensions, model/unique identifier, material, manufacturer	辐射发射 Radiated emission
11	电机** Motor**	型号、规格、制造商 Model, specification, manufacturer	辐射发射 Radiated emission
12	HDMI线 HDMI cable	型号、制造商 Model, manufacturer	辐射发射 Radiated emission
13	射频组件（功放、收发芯片）*** RF components (power amplifier, transceiver chips)***	型号、制造商 Model, manufacturer	不对称模式传导发射 Asymmetric-mode conducted emission

注：产品中电源线和信号电缆上的磁环，请补充照片和相关信息在报告中。仅适用于具有传真功能的产品或数据终端产品。***仅适用于天线端口预定连接电缆长度大于3m的产品。**

Note: For ferrite rings on power cords and signal cables of the product, please supplement photos and relevant information in the report. ** Applicable only to products with facsimile functions or data terminal products. * Applicable only to products whose antenna ports are intended to be connected to cables longer than 3 m.**

附件 3：电子产品及其附件安全及电磁兼容认证产品描述

Appendix 3: Product Description for Safety and Electromagnetic Compatibility Certification of Electronic Products and Their Accessories

Applicant:

申请编号：

Application No.:

一、产品名称/型号 Product Name/Model:

同一申请单元内各个型号产品之间的差异说明：

Description of differences between the various product models within the same certification unit:

电参数表：（附后）

Electrical Parameter Table: (Attached)

中文铭牌和警告标记：（附后）

Chinese Nameplate and Warning Markings: (Attached)

产品总装图、电器原理图、线路图、产品说明书等：（附后）

Product General Assembly Drawings, Electrical Schematics, Circuit Diagrams, Product Instruction Manual, etc.: (Attached)

CB 测试证书、CB 测试报告（申请人持 CB 测试证书申请时）：（附后）

CB Test Certificate and CB Test Report (when the applicant applies with a CB Test Certificate): (Attached)

二、关键零部件/元器件清单

II. List of Critical Parts/Components

安全关键元部件和材料清单

List of Safety-Critical Components and Materials

序号 No.	关键件名称 Key Component	控制参数 Control Parameters
1	电线组件 Cord sets	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant

序号 No.	关键件名称 Key Component	控制参数 Control Parameters
	外部布线（不包括电源软线） External wiring (excluding power supply cords)	型号、阻燃等级、制造商、生产企业 Model, flame-retardant rating, manufacturer, manufacturing plant
	内部布线（不包括电源软线） Internal wiring (excluding power supply cords)	线径、阻燃等级、制造商 Wire diameter, flame-retardant rating, manufacturer
	电源插头 Plugs	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	可拆卸插头 Detachable plugs	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	电源软线 Power supply cords	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	器具耦合器（含连接器） Appliance couplers (including connectors)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
2	机内电源单元 Internal power supply units	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	电源适配器 Power adapters	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
3	管状熔断器、小型管状熔断体 Cartridge fuses, miniature cartridge fuse-links	型号、规格、熔断特性、分断能力、制造商、生产企业 Model, specification, fusing characteristic, breaking capacity, manufacturer, manufacturing plant
	超小型熔断体 Sub-miniature fuse-links	型号、规格、熔断特性、分断能力、制造商、生产企业 Model, specification, fusing characteristic, breaking capacity, manufacturer, manufacturing plant
	熔断器座 Fuseholders	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
4	热熔断体	型号、规格、制造商、生产企

序号 No.	关键件名称 Key Component	控制参数 Control Parameters
	Thermal-links (thermal cut-outs)	业 Model, specification, manufacturer, manufacturing plant
5	平面变压器 Planar transformers	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	平面变压器用印制板 Printed boards for planar transformers	型号、阻燃等级、制造商 Model, flame-retardant rating, manufacturer
6	隔离变压器 Isolating transformers	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	骨架 Bobbins	材料牌号、燃烧等级、温度（适用时）、制造商 Material grade, flammability rating, temperature (where applicable), manufacturer
	绝缘胶带 Insulating tape	材料牌号、厚度、耐压值、温度、制造商 Material grade, thickness, withstand voltage, temperature, manufacturer
	绝缘线（含完全绝缘绕组线） Insulated wires (including fully insulated winding wires)	型号、线径、绝缘等级、耐热等级、FIW级、制造商 Model, wire diameter, insulation class, heat-resistance class, FIW class, manufacturer
7	抑制射频干扰固定电感器骨架（热固性除外） Bobbins for fixed RF suppression inductors (except thermosetting)	型号、规格（燃烧等级和温度（适用时））、制造商 Model, specification (flammability rating and temperature, where applicable), manufacturer
8	抑制无线电干扰电容器（隔离、跨线、X类、Y类电容器） Capacitors for radio-interference suppression (isolating, bridging, X-class, Y-class capacitors)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
9	电阻器（含隔离电阻、跨接在开关触点间隙上的电阻器、泄放电阻器） Resistors (including isolating resistors, resistors bridging contact gaps of switches, bleed resistors)	型号、规格、制造商 Model, specification, manufacturer
10	熔断电阻 Fusible resistors	型号、规格、制造商 Model, specification, manufacturer

序号 No.	关键件名称 Key Component	控制参数 Control Parameters
	小型断路器 Miniature circuit breakers	型号、规格、制造商 Model, specification, manufacturer
11	压敏电阻器/电涌抑制器 Voltage-dependent resistors / surge suppressors	型号、规格、制造商 Model, specification, manufacturer
12	PTC热敏电阻 PTC thermistors	型号、规格、制造商 Model, specification, manufacturer
13	印制板基材/成品板 Printed board base materials / finished boards	材料牌号/型号、燃烧等级、制造商 Material grade/model, flammability rating, manufacturer
14	防火防护外壳及内或外的材料、防火挡板、装饰件材料、空气过滤装置的材料 Materials of fire enclosures and internal or external parts, fire barriers, decorative parts and air filter devices	材料牌号/型号、燃烧等级、制造商 Material grade/model, flammability rating, manufacturer
15	器具开关 Switches for appliances	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
16	继电器 Relays	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
17	安全联锁装置 Safety interlocks	型号、规格、制造商 Model, specification, manufacturer
18	光电耦合器 Optocouplers	型号、规格、制造商 Model, specification, manufacturer
19	整机滤波器 Complete filters (filter units)	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
20	高压组件（>4kV） High-voltage assemblies (> 4 kV)	型号、规格、制造商 Model, specification, manufacturer
21	便携式电子产品用锂离子电池和电池组 Lithium-ion cells and batteries for portable electronic products	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	固定式电子设备用锂离子电池和电池组 Lithium-ion cells and batteries for stationary electronic equipment	型号、规格、制造商、生产企业 Model, specification, manufacturer, manufacturing plant
	其它电池（考核电池保护电路	型号、规格、制造商、生产企

序号 No.	关键件名称 Key Component	控制参数 Control Parameters
	） Other batteries (battery protection circuit to be assessed)	业 Model, specification, manufacturer, manufacturing plant
22	光辐射单元 Optical radiation units	激光单元：型号、激光功率等级、制造商；LED单元：型号、危险类别、制造商 Laser unit: model, laser power class, manufacturer; LED unit: model, risk group, manufacturer
23	逆变板/逆变变压器 Inverter boards / inverter transformers	型号、规格、制造商 Model, specification, manufacturer
24	电机（含风扇） Motors (including fans)	型号、规格、制造商 Model, specification, manufacturer
25	天线隔离器（电容、电阻、阻容单元） Antenna isolators (capacitor, resistor, RC units)	型号、规格、制造商 Model, specification, manufacturer
26	墙壁或天花板安装用挂架 Wall or ceiling mounting brackets	结构（可描述/照片）、厚度、材质、制造商；螺钉：直径、长度、材质 Construction (describable/photo), thickness, material, manufacturer; screws: diameter, length, material
27	IC限流器 IC current limiters	型号、规格（电源限制规格、最大输入电压、最大输出负载）、制造商 Model, specification (power-limit rating, maximum input voltage, maximum output load), manufacturer
28	加压充液的元器件 Pressurized and fluid-filled components	工作压力、管道和相关配件材质、制造商 Working pressure, material of tubing and related accessories, manufacturer
29	含有电容器放电功能的IC（ICX）及关联电阻器 ICs with capacitor discharge function (ICX) and associated resistors	型号、规格、制造商；电阻：阻值 Model, specification, manufacturer; resistor: resistance value
30	绝缘垫片/挡板 Insulating spacers / barriers	材质、厚度、燃烧等级、制造商 Material, thickness, flammability rating, manufacturer
31	无线功率发射器（无线充）	型号、输入/输出规格、制造商

序号 No.	关键件名称 Key Component	控制参数 Control Parameters
	Wireless power transmitters (wireless chargers)	Model, input/output specification, manufacturer
	线圈 Coils	型号、额定电流、温度限值、尺寸（线圈内径、线圈外径、每层绕线数、层数）、制造商 Model, rated current, temperature limit, dimensions (inner diameter, outer diameter, turns per layer, number of layers), manufacturer
	IC器件 IC devices	型号、输入电压/电流/功率、制造商 Model, input voltage/current/power, manufacturer
	温度器件（如：NTC） Temperature devices (e.g. NTC)	型号、规格、制造商 Model, specification, manufacturer
32	耳机 Earphones	型号、规格、制造商 Model, specification, manufacturer

注：申请人可根据认证产品实际情况，选择适用的关键零部件/元器件填写内容，不适用的可以删除

Note: The applicant may select and complete the information for applicable critical parts/components according to the actual circumstances of the certified product. Items that are not applicable may be deleted.

电磁兼容关键件清单

List of key components for electromagnetic compatibility

序号 No.	主要零部件 Main Component	控制参数 Control Parameters
1	电源单元（无CCC认证） Power supply unit (without CCC certificate)	型号、规格 Model, specification
2	主板 Main board	型号/唯一标识、电路布线（照片）、制造商 Model/unique identifier, circuit layout (photo), manufacturer
3	中央处理单元 Central processing unit	核数、频率、制造商 Number of cores, frequency, manufacturer
4	显示单元（含控制电路） Display unit (including control circuit)	型号/唯一标识、屏尺寸 Model/unique identifier, screen size
	显示单元的独立控制电路 Independent control circuit of the display unit	型号/唯一标识 Model/unique identifier

序号 No.	主要零部件 Main Component	控制参数 Control Parameters
5	电信接口电路 Telecommunication interface circuit	接口类型、传输速率 Interface type, transmission rate
6	打印单元 Printing unit	型号、规格 Model, specification
7	调谐单元 Tuning unit	型号、制式（模拟/数字/DVB-C） Model, standard (analogue/digital/DVB-C)
8	整件滤波器 Complete filters (filter units)	型号、规格、制造商 Model, specification, manufacturer
9	网卡（独立） Network card (standalone)	型号/唯一标识、电路布线（照片）、制造商 Model/unique identifier, circuit layout (photo), manufacturer
10	金属或有EMI涂料的机箱 Metal cabinet or cabinet with EMI coating	外形结构尺寸、型号/唯一标识、材料、制造商 External dimensions, model/unique identifier, material, manufacturer
11	电机** Motor**	型号、规格、制造商 Model, specification, manufacturer
12	HDMI线 HDMI cable	型号、制造商 Model, manufacturer
13	射频组件（功放、收发芯片）*** RF components (power amplifier, transceiver chips)***	型号、制造商 Model, manufacturer
注：产品中电源线和信号电缆上的磁环，请补充照片和相关信息在报告中。仅适用于具有传真功能的产品或数据终端产品。***仅适用于天线端口预定连接电缆长度大于3m的产品。** **Note: For ferrite rings on power cords and signal cables of the product, please supplement photos and relevant information in the report. ** Applicable only to products with facsimile functions or data terminal products. *** Applicable only to products whose antenna ports are intended to be connected to cables longer than 3 m.**		

三、 申请人声明

III. Applicant's Declaration

本组织保证该产品描述中的产品设计参数及关键零部件/元器件等与相应申请认证产品保持一致。

We hereby guarantee that the product design parameters, critical parts/components, and other relevant information specified in this product description are consistent with those of the corresponding product submitted for certification.

获证后，本组织保证获证产品只配用经 PTC 确认的上述关键零部件/元器件。如果关键零部件/元器件需进行变更（增加、替换），本组织将向 PTC 提出变更申请，未经 PTC 的认可，不得擅自变更使用，以确保该规格型号始终符合安全与电磁兼容认证要求。

After obtaining certification, we guarantee that the certified product will only use the above-mentioned critical parts/components confirmed by PTC. If any critical parts/components need to be changed (added or replaced), we will submit a change application to PTC. No changes shall be made or implemented without PTC's approval, so as to ensure that the relevant model consistently complies with the safety and electromagnetic compatibility certification requirements.

申请人 Applicant:

公 章 Official Seal:

日 期 Date: