**中家院（北京）检测认证有限公司**

**电子所-EMC检测部**

**检测能力**

一、EMC检测部检测能力：

1、家用电器、电动工具及类似器具

GB4343.1《电磁兼容 家用电器、电动工具和类似器具的要求 第1部分：发射》；

CISPR14-1《Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission》；

EN55014-1《Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission》；

AS/NZS CISPR 14-1《Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission》；

J55014-1《Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission》；

GB4343.2《家用电器、电动工具和类似器具的电磁兼容要求 第2部分：抗扰度》；

CISPR14-2《Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard》；

EN55014-2《Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard》；

IEC62233《Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure》；

EN62233《Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure》；

2、电气照明和类似设备

GB17743《电气照明和类似设备的无线电骚扰特性的限值和测量方法》；

CISPR15《Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment》；

EN55015《Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment》；

AS/NZS CISPR15《Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment》；

J 55015《Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment》；

GB/T22148《单端和双端荧光灯用电子镇流器的电磁发射试验方法》；

CISPR30-1《Test method on electromagnetic emissions - Part 1: Electronic control gear for single- and double-capped fluorescent lamps》；

GB/T 18595《一般照明用设备电磁兼容抗扰度要求》；

IEC61547《Equipment for general lighting purposes - EMC immunity requirements》；

EN61547《Equipment for general lighting purposes - EMC immunity requirements》；

3、信息技术设备

GB9254《信息技术设备的无线电骚扰限值和测量方法》；

CISPR22《Information technology equipment – Radio disturbance characteristics – Limits》；

EN55022《Information technology equipment – Radio disturbance characteristics – Limits》；

J 55022《Information technology equipment – Radio disturbance characteristics – Limits》；

GB/T17618《信息技术设备抗扰度限值和测量方法》；

CISPR24《Information technology equipment - Immunity characteristics - Limits and methods of measurement》；

EN55024《Information technology equipment - Immunity characteristics - Limits and methods of measurement》；

4、工业、科学和医疗(ISM)射频设备

GB 4824《工业、科学和医疗(ISM)射频设备　骚扰特性　限值和测量方法》；

CISPR11《Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement》；

EN55011《Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement》；

5、声音和电视广播接收机及有关设备

GB13837《声音和电视广播接收机及有关设备无线电骚扰特性限值和测量方法》；

CISPR13《Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement》；

EN55013《Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement》；

J 55013《Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement》；

6、医用电气设备

YY0505《医用电气设备 第1-2部分：安全通用要求并列标准: 电磁兼容要求和试验》；

IEC60601-1-2《Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests》；

7、机车车辆用设备

GB/T24338.1《轨道交通 电磁兼容 第1部分：总则》；

IEC62236-1《Railway applications - Electromagnetic compatibility - Part 1: General》；

GB/T24338.4《轨道交通 电磁兼容 第3-2部分：机车车辆 设备》；

IEC62236-3-2《Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock – Apparatus》；

GB/T 24338.5《轨道交通 电磁兼容 信号和通信设备的发射与抗扰》；

IEC 62236-4《Railway applications. Electromagnetic compatibility. Part 4:Emission and immunity of the signalling and telecommunications apparatus》；

EN 50121-4《Railway applications. Electromagnetic compatibility. Part 4:Emission and immunity of the signalling and telecommunications apparatus》；

8、工业、科学和医疗设备(EMI)-测量、控制和实验室用的电设备

GB/T 18268.1《测量、控制和实验室用的电设备 电磁兼容性要求 第1部分：通用要求》；

IEC 61326-1《Electrical equipment for measurement，controI and laboratory use—EMC requirements——Part 1：General requirements》；

EN 61326-1《Electrical equipment for measurement，controI and laboratory use—EMC requirements——Part 1：General requirements》；

GBT 18268.21《测量、控制和实验室用的电设备 电磁兼容性要求 第21部分：特殊要求 无电磁兼容防护场合用敏感性试验和测量设备的试验配置、工作条件和性能判据》

GBT 18268.22《 测量、控制和实验室用的电设备 电磁兼容性要求 第22部分：特殊要求 低压配电系统用便携式试验、测量和监控设备的试验配置、工作条件和性能判据》

GBT 18268.23 《测量、控制和实验室用的电设备 电磁兼容性要求 第23部分：特殊要求 带集成或远程信号调理变送器的试验配置、工作条件和性能判据》

GBT 18268.24《 测量、控制和实验室用的电设备 电磁兼容性要求 第24部分：特殊要求 符合IEC 61557-8的绝缘监控装置和符合IEC 61557-9的绝缘故障定位设备的试验配置、工作条件和性能判据》

GBT 18268.25 《测量、控制和实验室用的电设备 电磁兼容性要求 第25部分：特殊要求 接口符合IEC 61784-1,CP 3 2的现场装置的试验配置、工作条件和性能判据》

GB/T 18268.26《测量、控制和实验室用的电设备 电磁兼容性要求 第26部分：特殊要求 体外诊断（IVD）医疗设备》；

IEC 61326-2-6《Electrical equipment for measurement, control and laboratory use—EMC requirements—Part 26:Particular requirements—In vitro diagnostic (IVD) medical equipment》；

EN 61326-2-6《Electrical equipment for measurement, control and laboratory use—EMC requirements—Part 26:Particular requirements—In vitro diagnostic (IVD) medical equipment》；

9、电气设备

GB17625.1《电磁兼容 限值 谐波电流发射限值（设备每相输入电流≤16A）》；

IEC61000-3-2《Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)》；

EN61000-3-2《Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)》；

AS/NZS 61000-3-2《Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)》；

GB17625.2《电磁兼容 限值 对额定电流不大于16A的设备在低压供电系统中产生的电压波动和闪烁的限制》；

IEC61000-3-3《Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection》；

EN61000-3-3《Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection》；

IEC61000-3-11《Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection》；

EN61000-3-11《Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection》；

IEC61000-3-12《Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase》；

GB/T17626.1《电磁兼容试验和测量技术抗扰度试验总论》；

IEC61000-4-1《Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000-4 series》；

EN61000-4-1《Electromagnetic compatibility (EMC) - Part 4-1: Testing and measurement techniques - Overview of IEC 61000-4 series》；

GB/T17626.2《电磁兼容 试验和测量技术 静电放电抗扰度试验》；

IEC61000-4-2《Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test》；

EN61000-4-2《Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test》；

GB/T17626.3《电磁兼容 试验和测量技术射频电磁场辐射 抗扰度试验》；

IEC61000-4-3《Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test》；

EN61000-4-3《Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test》；

GB/T17626.4《电磁兼容 试验和测量技术 电快速瞬变脉冲群抗扰度试验》；

IEC61000-4-4《Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test》；

EN61000-4-4《Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test》；

GB/T17626.5《电磁兼容 试验和测量技术 浪涌（冲击）抗扰度试验》；

IEC61000-4-5《Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test》；

EN61000-4-5《Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test》；

GB/T17626.6《电磁兼容 试验和测量技术 射频场感应的传导骚扰抗扰度》；

IEC61000-4-6《Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields》；

EN61000-4-6《Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields》；

GB/T17626.8《电磁兼容 试验和测量技术工频磁场抗扰度试验》；

IEC61000-4-8《Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test》；

EN61000-4-8《Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test》；

GB/T17626.11《电磁兼容 试验和测量技术 电压暂降、短时中断和电压变化的抗扰度试验》；

IEC61000-4-11《Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests》；

EN61000-4-11《Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests》；

GB/T17626.13《电磁兼容 试验和测量技术 交流电源端口谐波、谐间波及电网信号的低频抗扰度试验》；

IEC61000-4-13《Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests》；

EN61000-4-13《Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests》；

GB/T17626.28《电磁兼容 试验和测量技术工频频率变化抗扰度试验》；

IEC61000-4-28《Electromagnetic compatibility (EMC) - Part 4-28: Testing and measurement techniques - Variation of power frequency, immunity test for equipment with input current not exceeding 16 A per phase》；

EN61000-4-28《Electromagnetic compatibility (EMC) - Part 4-28: Testing and measurement techniques - Variation of power frequency, immunity test for equipment with input current not exceeding 16 A per phase》；

GB/T17799.1《电磁兼容 通用标准居住商业和轻工业环境中的抗扰度试验》；

IEC61000-6-1《Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments》；

EN61000-6-1《Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments》；

GB/T17799.2《电磁兼容 通用标准工业环境抗扰度要求》；

IEC61000-6-2《Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments》；

EN61000-6-2《Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments》；

GB17799.3《电磁兼容　通用标准　居住、商业和轻工业环境中的发射》；

IEC61000-6-3《Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments》；

EN61000-6-3《Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments》；

GB17799.4《电磁兼容　通用标准　工业环境中的发射》；

IEC61000-6-4《Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments》；

EN61000-6-4《Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments》；

FCC PART15《American National Standard for Methods of Measurement of Radio-Noise Emissions form Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz》

二、EMC检测部授权资质：

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