

EMC

Target: Global Acceptance On Time

Only UL's family of companies offers comprehensive EMC testing services accepted worldwide.

UL's first priority is to help you clear the regulatory path to your target markets – we know the key to your success is timely acceptance. Only UL's family of companies offers comprehensive electromagnetic compatibility (EMC) testing services accepted worldwide.

Confidence in product acceptance

UL's EMC labs are industry renowned. UL is accredited or recognized by regulatory agencies and governments throughout the world, including the United States (National Voluntary Laboratory Accreditation Program NVLAP LAB CODE 100255-0 and Federal Communications Commission); Europe (EU Directives); Japan (Voluntary Control Council for Interference by Information Technology Equipment); Canada (Industry Canada); Taiwan (BSMI); and Australia (Australian Communications Authority).

Experts on staff

To help define your EMC testing needs, UL's staff includes National Association of Radio and Telecommunications Engineers (NARTE) certified staff. They have extensive experience testing a diverse range of products, including information technology, telecommunications, medical, automotive, electronic and industrial equipment. UL staff members participate in such EMC standards organizations as the American National Standards Institute (ANSI), the International Electrotechnical Commission (IEC) and the International Special Committee on Radio Interference (CISPR).

UL channels its resources and expertise to tailor specific equipment, test methodology and documentation to your own specifications. Using UL's EMC laboratories and services as your single outsource can greatly enhance test repeatability and help you avoid design errors early in the product development phase. Ultimately, your company benefits from a seamless, strategic process in which UL EMC facilities and staff enhance your own capabilities.

UL provides quick market approval for products:

- Fully automated full-service EMC testing facilities in the United States
- Ten-meter anechoic chambers providing superior accuracy and speed in testing to the EU EMC requirements
- Mode stir reverberation chamber and mode tuning reverberation chamber for automotive testing
- GHz TEM Cell (GTEM) DC – 18 GHz for automotive testing
- Complete EMC and safety testing to European Norm (EN) standards
- Comprehensive CE Marking assistance
- CE Marking guidance for the European Low-Voltage 73/23/EEC and Machinery 89/392-EEC Directives





UL provides quick market approval for products: (continued)

Competent Body technical reports and certificates according to Article 10.2 of the EU EMC Directive.

- Third-party certification and support of self-declaration for CE Marking
- EMC conformity seminars for the EU Directives and other international global standards
- Automotive EMC capabilities specializing in Ford, GM, DaimlerChrysler,
- SAE, ISO, CISPR, AEMCLAP approved and NVLAP LAB CODE 100255-0 accredited
- VCA approved for Commission Directive 95/54/EC