

Electromagnetic Compatibility (EMC) Testing

Do not disturb and do not be disturbed

All electrical devices generate electromagnetic signals that can potentially cause interferences to other apparatus. Electrical devices have to therefore adhere to EMC regulations in order not to cause unacceptable disturbances to their environment and not to be affected by electrical equipment in their vicinity. TÜV Rheinland provides high quality EMC testing services that meet your needs.

YOUR BENEFITS AT A GLANCE

Product testing and certification from TÜV Rheinland helps you to:

- Ensure your compliance with the requirements of EMC regulations.
- Gain increased security in terms of product liability.
- Improve your market position with tested products.
- Be backed by our global network and technical expertise. Our dedicated and highly qualified experts are committed to providing professional services customised to your needs.
- Save your repeat testing costs and shorten your product's time to market by our professional teams. Our service network throughout the world provides a one-stop service for safety, quality, fitness-for-use (FFU) and performance testing.
- Be widely recognised by international buyers. We help you to reinforce your brand name in the international marketplace.

EMC DIRECTIVE

The EMC Directive 2014/30/EU provides the basis for protection requirements of electrical and electronic equipment in the European Union. Its main thrust centers around protection of the electromagnetic spectrum. The directive lays out requirements relevant to ensure that radio services, telecommunication systems and electrical or electronic devices are not disturbed or interrupted.

Compliance with the directive is generally demonstrated by EMC testing and optional certification.

WHY TÜV RHEINLAND?

- A leading international technical service provider
- A presence in over 500 locations in 59 countries
- In-depth knowledge of the latest innovations
- Listing on Certipedia, an online platform for certified and tested products
- A complete range of services for electrical devices
- A one-stop-shop for testing and certification
- A member of the United Nations Global Compact to promote sustainability and combat corruption

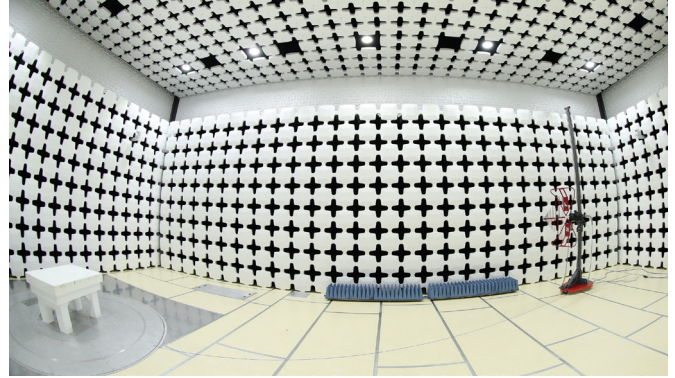
TESTING PRODUCTS

In extensively equipped testing laboratories, we focus our activities on the following sectors

- IT equipment (printers, fax, copy machines, etc.)
- Household appliances and lighting equipment
- Industrial electrical devices
- Medical devices
- Radio devices (Wi-Fi, Bluetooth, etc.)

TESTING SERVICES

- Emission, immunity and radio testing
- Mass production quality control
- Full EMC conformity assessment
- CE marking, FCC, ISED Canada, VCCI
- Certification (Notified Body, CR mark, G-mark, TÜV Rheinland EMC test mark)



TESTING STANDARDS

- CISPR 11, 14-1, 14-2, 15, 22, 24, 32, 35
- IEC 60601-1-2
- IEC 61000-3-2, -3
- IEC 61000-6-1, -2, -3, -4
- IEC 61326-1, IEC 61547
- EN 301 489-1, -3, -17
- FCC 15B, ICES-003
- TCVN 7186, TCVN 7492-1
- VCCI, and other similar standards

LABORATORY SPECIFICATION

1,000 m² state of the art EMC facility, operating under ISO 17025 accreditation.

- 10 m semi-anechoic chamber with 4 m turntable
- Shielded room
- Pulse immunity testing room
- Designated by Directorate for Standards, Metrology and Quality (STAMEQ) and Ministry of Information and Communications (MIC) as EMC testing laboratory for EMC CR Mark Certification and for ICT CR Mark Certification and Declaration of Conformity

THE MARK SHOWS THE DIFFERENCE



Electromagnetic
Compatibility
Regular Production
Surveillance



www.tuv.com
ID 4000000000

This mark stands for the products, services and systems that are tested, certified or inspected by TÜV Rheinland. Transparent, available, anytime worldwide - powerful and unique. The TÜV Rheinland test mark.

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Precisely Right.