

Eurofins – EMC competence at a glance!

Electromagnetic Compatibility

Electromagnetic Compatibility (EMC) is the ability of systems, devices and equipment to operate without causing disturbances from their electromagnetic radiation to the environment or malfunctioning because of radiation from other sources.

Since the use of mobile communication and wireless data transmission is common in almost every area of daily life and business, it is highly important that products are operating reliably under any condition and are not interfering with other devices. Products with proven Electromagnetic Compatibility contribute to the safety and convenience of our daily life, using all kinds of electronic devices



About Eurofins

Eurofins is a global Life Science company, serving diverse industries like food, pharma, environment and engineering as well as retailers and manufacturers of cosmetics, toys, electrical and electronic equipment and medical equipment, to name just a few. With a unique network of 7000 employees and 150 laboratories and test centres in 30 countries, Eurofins is one of the top providers of analytical services.

The service offer includes over 25000 reliable analyses, defining safety, purity, identity, composition or origin of substances or products. Eurofins' business line Product Testing offers international expertise around safety and quality of products on the global marketplace. Services range from certification and compliance checks to consulting, performance and panel testing.

Products can be grouped into different EMC classes, depending on the intended utilization:

- Information Technology (IT)
- Household Appliances
- Industry
- Vehicles
- Medical
- Maritime

Eurofins has comprehensive experience with EMC of all kinds of products – from household appliances to telecommunication technology and industrial systems. Modern test equipment, such as EMC chambers, shielded rooms, GTEM chambers, free area and other test places allow testing up to 40 GHz.

The EMC laboratory is accredited by DATECH and A2LA for all major test methods. Eurofins is a Notified Body according to the EU EMC-Directive 2004/108/EG. The Eurofins EMC experts offer modification, testing and consulting services to support you during the products design and development phase.

Legal background:

- EMC Directive 2004/108/EG and amendment
- Vehicle Directive 2006/28/EG and amendment
- FCC requirements



Tests, Services, Seminars – our portfolio:

EMV testing for CB-Scheme

Testing and approval for Vehicle Directive

- E-mark
- e-mark

Testing according to automobile manufacturer's proprietary standards z. B.

- BMW
- VW
- Fiat
- Renault
- Toyota

Noise Emission testing

Product design and development support

Assessment of technical documents

Expert reports of the Notified Body EMC

Testing according to RAL Directives (Blue Angel Eco-Label)

Consulting Services

EMC testing for conformity assessment (CE-Mark):

- Household appliances
- Industry
- Information Technology
- Luminaries
- Audio and Video
- Medical Devices
- Laboratory
- Railway
- Maritime
- Alarm and Fire Surveillance

Talk to us today or visit our homepage pt.eurofins.com !

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