



**Intertek**

**We're global.  
We're grounded.**

Your business knows no boundaries – and neither does ours. Wherever you do business, there's an Intertek office and experienced testing engineers nearby. Intertek can accommodate every testing need, saving you time and money with bundled services.

To start a project, contact us at one of our regional offices below, or visit us online at [www.intertek-etlsemko.com/emc](http://www.intertek-etlsemko.com/emc)

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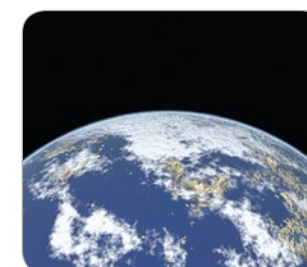
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*"I work with Intertek because of their technical expertise. I work side-by-side with key engineers and make sure that my clients' tests are performed successfully."*

*David Saar,  
Saar Associates*

[www.intertek-etlsemko.com/emc](http://www.intertek-etlsemko.com/emc)

**Intertek**



The waves coming from your product are invisible.  
**We'll make sure you and your product are not.**



Electromagnetic Compatibility (EMC)

## With our assistance, you can send a strong signal to your competition and the market.

In today's highly-charged world, turbulent environments, increased disturbances and interference make it increasingly difficult to keep products compliant, immune and on track. As you prepare for a critical marketplace, you'll want an EMC partner who understands technology, speed, service as well as ever-changing -- and challenging -- standards.

### When it comes to making the most of your product, the electricity here is always on.

To keep products compliant and competitive, a depth of expertise in both product engineering and EMC requirements is essential. Above identifying harm or affirming harmony, we can assess product modifications quickly, ensuring faster and more efficient compliance. With shorter queue times, you can secure your spot and get to market faster.

To ensure a smooth transition, we offer queue times as fast as 3 days, 24-hour turnaround on quotes, test data you can walk out with, online reports and finalized test results so you can reach your goals faster and smarter. All of this with fewer hassles and headaches.



### This is your sanctuary from it all.

Here, we have a commitment to provide convenience and elevate the client experience, every day. In many labs throughout our network, the Client Lounge exists so you can escape the tenacity of testing. You can also be wildly productive. Kick back and hop on the Internet. Check in back at the office. Or, just grab a refreshment and revel in some solitude.

## You will find our experts accessible. You will find them easily as well.

Industry standards and market-entry requirements can alter the market landscape in days. You need expertise that's accessible from day one.

We can put your product to the test, weigh design alterations and, with the world's largest network of EMC experts, deliver the responsiveness and resources that save money and time for products. What's more, you can bundle your EMC testing with safety, performance or other required tests for even greater time and cost efficiencies.

### With more EMC labs than anyone out there, we're never out of range.

We can pave your way to virtually any market you desire with accreditations and recognitions from around the world, including:

- Telecommunications Certification Body (TCB)
- FCC (Part 15, Part 18, Part 68, others)
- Industry Canada (IC) for radio equipment and terminal equipment
- Notified Body under EMC and R&TTE Directives
- CB Scheme accredited EMC Test Laboratory (CBTL) for fastest access to up to 40 countries
- American Association for Laboratory Accreditation A2LA
- National Voluntary Laboratory Accreditation Program NVLAP
- Australian Communications Authority (ACMA) terminal equipment-attachment, media and EMC requirements for the necessary A-Tick and C-Tick Marking
- Japan's Voluntary Control Council for Interference (VCCI) for IT and telecom equipment
- Hong Kong Laboratory Accreditation Scheme (HOKLAS)
- Swedish Board for Accreditation and Conformity Assessment (SWEDAC)
- Taiwan's Bureau of Standards, Metrology and Inspection (BSMI) for EMC testing
- Russia's GOST

### 39 Labs and 1000 reasons to call us.

We're on the map. We can put you there, too. Our network, experts and resources are everywhere enabling you to emit a higher level of confidence on the way to market.



Boulder, CO  
 Boxborough, MA  
 Duluth, GA  
 Laguna Niguel, CA  
 Lexington, KY  
 Littleton, MA  
 Menlo Park, CA  
 Oakdale, MN  
 Richardson, TX  
 Taiwan  
 Hong Kong  
 Guangzhou, China  
 Shenzhen, China  
 Shanghai, China  
 Kashima, Japan  
 Matsuda, Japan  
 Nagano, Japan  
 Tochigi, Japan  
 Sweden  
 UK  
 Germany  
 Italy

*"Testing an iPod peripheral for FCC and RF, we were well aware of Intertek's impeccable track record and expertise in wireless. They streamlined the process and kept us ahead of schedule."*

Ron DeRosa  
 Timex Corporation



### Calibrate and Innovate.

At select Intertek labs, you can calibrate the following types of equipment; Antennas, Attenuators, Voltage Probes, RF Pre-Amplifiers, LISNs, Surge Generators, CDNs, Electrostatic Discharge Guns. We offer calibrations in less than three days and can even provide same day service.

### With experience, success can be found in every sector.

From IT to industrial, automotive to medical, you'll have direct access to engineers with product and industry-specific proficiency as well as the global accreditations to ensure smoother market entry. As a Notified Body under the EMC Directive, Intertek is authorized to review and confirm your product was tested appropriately and meets the essential requirements of the applicable EMC Directive 2004/108/EC standards.

#### Information Technology

The Information Technology (IT) market is one of the most competitive hardware markets in the world, and time to market is critical. Whether you're a manufacturer, importer or retailer of IT equipment, our global network of labs and quick turnaround times will help get your products to market faster and increase your market advantage. We test IT equipment to EN 55022 in the EU, AS/NZS CISPR22 in Australia and New Zealand, and to VCCI in Japan.

test products to ensure that they are not susceptible to these conditions nor violate acceptable levels of emissions. We can test in our labs or, when required, in your own facility in order to make the testing go as quickly and efficiently as possible. Tests include: EN/IEC 61000-6-X and EN/IEC 61326-x.

#### Medical

Where product performance is critical, there's no room for debilitating interference. Intertek tests a wide range of implanted, in vitro and other medical products to meet standards such as EN/IEC 60601-1-2. Our hands-on expertise and knowledge of the products -- as well as their designated environments -- is invaluable. By staying on top of ever-changing technologies and complex standards, we ensure time can be focused on design innovation.

#### Test & Measurement

EMC environments can vary greatly between sensitive laboratory instruments and industrial sensors. Intertek applies the right conditions to your EN/IEC 61326-x testing, whether portable equipment, transducers or lab automation systems.

#### Wireless

Intertek is an FCC-designated Telecommunications Certification Body (TCB), a Certification Body for Industry Canada radio rules, and a Notified Body under the EU R&TTE Directive. We can help speed FCC tests and certifications for global customers selling into the U.S. market.

#### Automotive

Intertek's EMC capabilities are recognized by manufacturers around the world. In fact, our Shanghai lab is the only EMC lab in China accepted by the "Big Three" U.S. automakers: GM, Ford and DaimlerChrysler. We are AEMCLAP Accredited by A2LA and offer our global customers immunity/susceptibility testing as well as electronic emissions testing.

#### Consumer/Audio-Visual/Appliance

Our EMC lab locations in the EU and Asia-Pacific bring the compliance resources to the factory. Specializing in testing to CISPR 14-1/-2, EN 55014-1/-2, CISPR 13, CISPR 15, CISPR 20, EN 55013, EN 55020 and EN/IEC 61547, we provide the throughput to cope with product variations and tight schedules. For the EU, we provide appliance EMF testing to EN 50366.

#### Industrial

Power line disturbances and rogue RF can come from essentially anywhere. Intertek will