

Midwest Wireless Test Center



A simpler way to get your wireless-enabled product to market.

Elite Electronic Engineering is proud to announce our new **Midwest Wireless Test Center** for all aspects of wireless-enabled product development, testing and global conformity assessment. Our goal is to ease the testing and compliance burden on wireless product manufacturers and rapidly launch products to market.

Elite's team of antenna design experts, test engineers, and regulatory specialists partners with your team to untangle the web of constantly changing test requirements and complex global regulations from concept through production.

Complete over-the-air (OTA) carrier conformance

Our fully anechoic CTIA-compliant test chamber and powerful antenna modeling and simulation services empower designers to optimize antenna performance, achieve better transmit power and receive sensitivity, improve battery life, and reduce design costs.

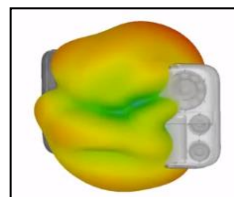
Complete global regulatory compliance

We provide a fully detailed and completed file of technical documentation, certifications for all required markets and notification of regulatory changes and certification renewals.

Complete validation and performance testing

For over 60 years, Elite has been the recognized leader in EMC/EMI, Environmental Stress, and Photometric testing. Our lab is staffed with expert test engineers and is ISO 17025 accredited to deliver the highest quality results in one location. Our data is accepted around the world to reach all your customers.

- ✓ Optimize wireless performance
- ✓ Navigate complex regulations
- ✓ Complete qualification testing
- ✓ Deliver global certifications
- ✓ Ensure continuous conformity



Elite's "Connected Conformity" Process

All Aspects of Wireless Design, Testing & Global Regulatory Compliance In One Location

www.elitetest.com | 630-495-9770



Plan

At the earliest stage of the process, Elite's Wireless Compliance team analyzes your wireless product, application, and market requirements to create an initial Test Plan, cost estimates, and timelines.

Test

Elite performs initial design testing to ensure your product is prepared to meet regulatory, industry, and performance-related requirements.

Antenna Design & Testing

- Antenna design experts to optimize performance on IoT products
- Over-The-Air (OTA) measurements with CTIA-compliant antenna test chamber
- CST Microwave Studio simulation software for faster antenna results

Regulatory Testing

- CTIA pre-compliance testing for PTCRB and GCF
- Cellular (3G, LTE), Bluetooth, WiFi, Electrical Safety

Product Validation Testing

- *EMC Testing* for FCC, CE Mark, E-Mark, Automotive OEMs, Infrastructure
- *Environmental Testing* for Vibration, Shock, Climatics, Ingress Protection (IP)
- *Photometric Testing* for Automotive, Aerospace, General Lighting

Document

Elite develops regulatory documents to support global product conformity assessment, including Risk Assessment, RF Exposure Evaluation, Manuals & Labeling, Declaration of Conformity (DoC), and we provide translation services when necessary.

Certify

As a U.S. FCC and ISED Canada Telecommunications Certification Body (TCB) and EU Notified Body, Elite is a one-stop certification provider for North America and Europe.

Go Global

With domestic approvals in place, Elite expands the conformity assessment for global certifications in over 190 countries with a seamless turnkey process.

Remain Compliant

Conformity is an on-going process so Elite maintains a comprehensive Technical File for future revisions. We monitor ever-changing regulations and notify clients about new requirements to ensure continuous compliance around the world.

Your success is our business.
How can we help you succeed?

Contact us today to start your next project.

www.elitetest.com

630-495-9770

© 2018 Elite Electronic Engineering Inc.

1516 Centre Circle, Downers Grove, IL 60515