



THE LATEST FROM IIA'S LAB SERVICES TEAM

**A WORLD OF EMC
REGULATORY EXPERIENCE**

**BALLPARK VS. BULLSEYE:
CALIBRATION LABS MATTER**

**VIBRATION
TESTING**

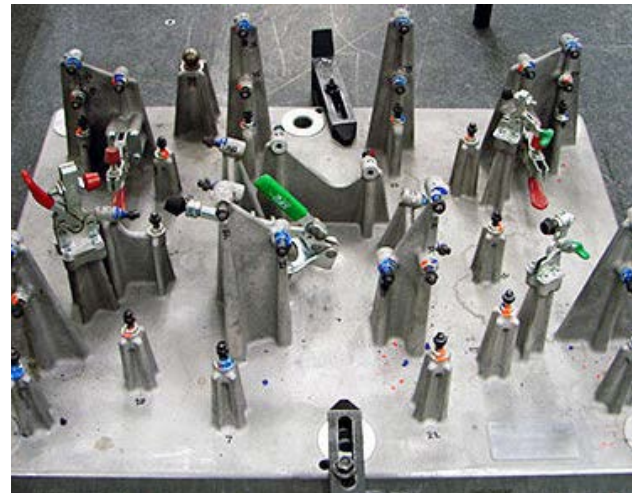
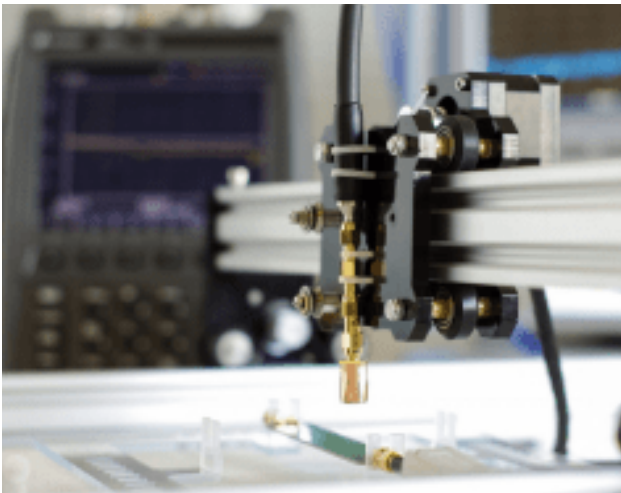
**3D SCANS DRIVE
INDEPENDENCE**

**SAR TESTING
IN ACTION**

**1 MILLION SAFE
WORK HOURS**

**TIGHT TOLERANCES?
COMPLEX ANGLES?**

**WHAT THE BRUKER ALICONA
MCMM CAN DO FOR YOU**



A World of EMC Regulatory Experience

As wireless technology evolves, so do the rules and regulations affecting the products we live, work and play with. Lab providers with in-depth knowledge of global regulations can increase your speed to market. [Read how](#) the experts at our [Florida testing lab](#) help to shape the regulatory landscape by serving in leadership roles in industry organizations, such as the Telecommunication Certification Body (TCB) Council.

Ballpark vs. Bullseye: Why Calibration Labs Matter

Any measurement device will become less accurate over time. Routine calibration helps to ensure that measuring equipment continues to measure precisely to its specification. Without calibration, there would be greater risk of product defects, equipment malfunctions, and safety hazards. [Read why calibration is so critical](#) and how IIA's turnkey services help to streamline operations for our customers.



3D Scans Help Drive Independence for Wheelchair Users

For nearly 50 years, Rollx Vans has created accessible vehicles to help people with disabilities live happier, more independent lives. Our [Minnesota lab](#) is proud to support this mission by providing [3D scanning](#) of interior panels, bumper parts, trim — even the entire vehicle.

[READ MORE](#)

See SAR Testing in Action by our Fully Accredited Lab

IIA's vision is to be the industry leaders in the latest inspection services with cutting-edge equipment. Our recent investment in the SPEAG DASY8 is proof of that. But it's not just about having the equipment. Our EMC Team has also received accreditation by A2LA which can be found on the FCC site and NIST, for international recognition, such as ISED Canada. Our Specific Absorption Rate (SAR) testing will help ensure that your devices operate within mandated radio frequency (RF) exposure limits before they are marketed to consumers. As your source for state-of-the-art SAR testing, IIA can test for compliance with local and whole-body SAR limits from 4MHz to 10GHz. [See our cutting-edge SPEAG DASY8 system in action.](#)



1 Million Safe Work Hours & Counting!

IIA is on a mission to make the world safer. We are proud of our team for working more than 1 million labor hours without a recordable incident. [Read why](#) you should consider TRIR when evaluating inspection companies.

Tight Tolerances? Complex Angles? Bet on the Bruker Alicona µCMM

IIA leverages the latest tools and technologies to tackle our customers' most challenging inspections. In Irvine, California, our toolkit includes the world's first purely optical CMM machine. The highly accurate Bruker Alicona µCMM is a game-changer when dealing with extremely tight tolerances and difficult-to-scan features. [Read more](#) and [view examples](#) of how the µCMM handled some challenging inspections, including the edge of a razor blade and the tip of a hypodermic needle.



See What the Bruker alicona µCMM Can Do for You

As the west coast partner to Bruker alicona, IIA's µCMM is available to run applications for customers who might be interested in acquiring their own µCMM. Contact our Irvine lab if you have a project in mind and stay tuned — IIA will be hosting a workshop on the µCMM soon!

What our Customers are Saying

“IIA is a trusted technology service partner, and they have earned a reputation for providing cost-effective and innovative inspection solutions. IIA applies best practices and delivers outstanding results.”

- Confidential, Defense Contractor



Shakin' Things Up: How Vibration Testing Benefits Product Quality

Industries ranging from aerospace to consumer electronics rely on vibration testing to learn how parts react to vibrational stresses. Using a special “shaker” machine, vibration testing mimics the actual vibrations that a part, product, or structure might be subject to during real-world use or transportation. Vibration testing is a crucial diagnostic tool that can identify performance issues and help prevent failures down the road. [Learn more about vibration testing and IIA's capabilities.](#)

Let's Connect

We want to hear from you! Let us know about your latest testing challenges and how we can help. Call us at **866-514-4937** or complete our [online form](#) and we'll get back to you within 24 hours.

Be sure to follow us on [LinkedIn](#) to learn about the latest tools and techniques we're using to solve our clients' problems and make the world safer.



866-514-4937
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