



ARC Technologies Inc. to Exhibit at IEEE EMC & SI Symposium

Amesbury, Massachusetts, March 2, 2015 – ARC Technologies is showcasing its wide range of capabilities to solve microwave and RF interference, radar absorbing, and EMI control challenges at the 2015 IEEE EMC and SI Symposium (<http://www.emc2015usa.emcss.org/>) in Santa Clara, CA.

Visit ARC Technologies at booth #734 to see new testing capabilities and solutions, including their Focused Beam Testing system that can test up to 110 GHz, the new ARC Clear Conductive Electromagnetics Shielding (AC²ES) material, and the latest automotive anti-collision radar materials.

Staying ahead of today's technologies, ARC Technologies Inc. has expanded its' electromagnetic test capabilities up to 110 GHz with the addition of a **focused beam system**. Measuring a material's permittivity (ϵ) and permeability (μ) is critical in the design and development of high frequency materials and systems. The ARC Technologies Inc. focused beam system allows for non-destructive, accurate measurements of these material parameters, including reflection and transmission loss, from 2-40 GHz and 75-110 GHz. This new testing service provides customers a more affordable and fast way to turn around their testing needs.

The newly released **AC²ES** is an advanced, optically clear, transparent, thin-film conductor that provides excellent EMI shielding and conductivity. It is a robust, ultra-thin, flexible film incorporating conductive nanoparticles and a low-cost direct replacement for Indium Tin Oxide (ITO) films. AC²ES is available in flat or 3D form, or can be supplied pre-cut to exact customers' specifications.

Addressing automotive radar designers and autonomous vehicle technology needs for accuracy and reliability, ARC Technologies has perfected a family of optimal RF noise mitigation materials. These materials can be formulated, molded or otherwise fabricated to best suit the application. ARC Technologies can help get technology up to speed with new radar absorber products **SB1009**, **SB1006**, and **MC1000**. Its SB and MC series absorbers are weather and chemical resistant and are suitable for use on the vehicle body, bumpers and other exterior surfaces.

At the ARC Technologies booth #734, request a free **Engineering Survival Kit (ESK)**. The ESK is intended to get material engineers started in solving EMI/RF noise issues and help select the product best suited for their application.



About ARC Technologies

ARC Technologies Inc. offers a complete range of custom and standard absorber products that provide solutions to the diverse RF and EMI problems facing today's military, aerospace, and commercial electronics design engineers. We are dedicated to understanding our customer's needs, delivering quality products on-time, and engineering innovative solutions. Whether a customer is facing interference problems at 50 MHz or 110 GHz, nearfield or farfield, narrowband or broadband, we have an absorber product or will develop an application-specific product to meet its requirements.

<http://arc-tech.com/>

Solutions for Interference Control