



**World's Best RF & Microwave Simulation Models**

## **Contact:**

**Modelithics, Inc.**

Laura Levesque

Marketing and Applications

813.866.6335

[sales@modelithics.com](mailto:sales@modelithics.com)

## **FOR IMMEDIATE RELEASE**

**September 29, 2015**

# **Modelithics Expands Noise Parameter Test Capability Through 50 GHz with Maury Microwave/Keysight Solution**

Tampa, Florida (September 30, 2015) – In partnership with Keysight Technologies and Maury Microwave, Modelithics has successfully benchmarked a significant new measurement capability and is now offering noise parameter testing through **50 GHz**. This important measurement has been added to Modelithics' list of precision measurement services. The new broadband noise parameter capability is enabled by a combination of Maury Microwave software and test hardware, combined with a Keysight PNA-X Vector Network Analyzer, configured with a 50 GHz noise receiver. Modelithics CEO Larry Dunleavy commented, "We often receive requests for higher frequency noise parameters beyond our previous standard offering of 0.3 to 26 GHz. Although we did have a custom traditional solution in the 30 to 40 GHz range, our benchmark tests have proven that the new system provides smoother and more robust expanded broadband high frequency data extending now to 50 GHz." Extensive testing of the new broad-band solution also confirms that it supports a much more efficient and reliable measurement flow compared to legacy noise parameter solutions. With this capabilities upgrade, Modelithics can now provide customers with 0.3 to 50 GHz noise parameter device testing. Contact [sales@modelithics.com](mailto:sales@modelithics.com) for more information.

For questions about additional Modelithics precision measurement services, or to get more information on the Modelithics COMPLETE Library of high accuracy simulation models, contact Modelithics at [sales@modelithics.com](mailto:sales@modelithics.com).



**World's Best RF & Microwave Simulation Models**

### **About Modelithics, Inc.**

Modelithics, Inc. ([www.Modelithics.com](http://www.Modelithics.com)) was formed in 2001 to address the industry-wide need for high-accuracy RF and microwave active and passive simulation models for use in Electronic Design Automation (EDA). Modelithics' premium product is the *Modelithics*® *COMPLETE Library*, which includes the *CLR Library*™, containing measurement-based *Microwave Global Models*™ for a multitude of commercially-available passive component families, the *NLD Library*™ (non-linear diode models) the *NLT Library*™ (non-linear transistor models), and the *SLC Library*™ (*system level component models*). Modelithics' services also address a wide range of custom RF and microwave measurement and modeling needs. Modelithics® is a registered trademark of Modelithics, Inc. Microwave Global Models™, CLR Library™, NLD Library™, NLT Library™, and the SLC Library™ are also trademarks of Modelithics, Inc. The Modelithics Vendor Partner (MVP) Program allows for collaboration and open communication during the development of advanced data sets and models for commercially available microwave components and devices, with flexible sponsorship and distribution arrangements for the resulting data and models.