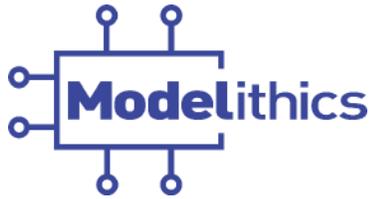# Modelithics' Expands its Non-Linear Transistor Library Available for AWR Microwave Office

Tampa, Florida —October 6, 2008

Modelithics, Inc. (www.modelithics.com) has released another significantly enhanced version of their powerful and feature-rich Non-Linear Transistor Model Library for AWR Microwave Office. The *Modelithics NLT Library™* consists of high accuracy non-linear and noise models from leading semiconductor manufacturers. The *NLT Library* addresses noise, substrate-scalability, temperature dependence, broad-bandwidth and high power, among other stringent requirements of state-of-the-art RF & microwave design.

"Typical high performance designs require simulation including multiple, higher order harmonics, at and beyond the resonant frequency of the packaged device," said Dr. Mike Heimlich, Microwave Office Product Manager at AWR. *"Modelithics provides this with their NLT Model Library in a way that is not only accurate but also inherently easy to use within the AWR Design Environment."*

This Version 3.0 upgrade adds several new models, representing MESFET, BJT and HEMT devices from Avago, Eudyna, Excelics, Hexawave, Mitsubishi, MIMIX, MWT and NEC companies with feature and documentation updates to previously released models. Of interest to high frequency designers will be the chip and wire models added

3650 Spectrum Blvd Tampa, FL 33612 USA • **www.Modelithics.com**
E-mail:**sales@modelithics.com** • Toll free: 888-359-6359 • Fax: 813-558-1102

Page 1 of 2

Precision Measurements and Models You Trust

for several popular GaAs MESFET transistors. Also included are two new high power GaN HEMT models. See release notes at http://www.modelithics.com/mvp/AWR/ for details. With this update Modelithics has expanded its collection of well-documented transistor models by more than 30%.

This upgrade will be forwarded, free of charge to all customers currently under a Modelithics Platinum Maintenance contract for the *NLT Library* or *The Modelithics Library Complete* for AWR. For further information and to request a free trial of Modelithics Library models contact Modelithics at Sales@Modelithics.com, or click on the model download request link you'll find at: http://www.modelithics.com/mvp/AWR/ .

About Modelithics, Inc.

Modelithics, Inc. (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). Current products include the *CLR Library™*, which contains measurement-based *Global Models* for a multitude of commercially-available passive component families, the *NLD Library™* (non-linear diode models) and the *NLT Library™* (non-linear transistor 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. CLR Library™, NLD Library™, and NLT Library™ are also trademarks of Modelithics, Inc.

3650 Spectrum Blvd Tampa, FL 33612 USA • **www.Modelithics.com**   **Page 2 of 2**
E-mail:**sales@modelithics.com** • Toll free: 888-359-6359 • Fax: 813-558-1102

Precision Measurements and Models You Trust