



**What Designers are saying:**

*“Even though the passive models that I utilize in my simulations include Parasitic C and L (or S-Parameter Models), the simulations on a 5GHz circuit still did not match my measured performance. When I utilized the Modelithics ATC capacitor models, the simulated performance correctly simulated a 5 db rolloff that I measured at the upper end of the band. I AM VERY IMPRESSED!*

**Ted Longshore, Sr. RF Design Engineer, Quasonix**

**Modelithics COMPLETE v 8.3 for Agilent Genesys— Includes X-Parameter Models**

Version 8.3 for Genesys customers introduces 46 new highly scalable RLC Global Models and 18 non-linear models of diodes, switches, amplifiers and transistors, including for the first time X-parameter models and related examples.

[Press Release](#) [Release Notes](#) [Free Trial](#)



**Modelithics Signs Sales Channel Agreement with AWR**  
 AWR Corporation, the innovation leader in high-frequency EDA software, and Modelithics Inc. have signed a global reseller agreement for AWR to sell and support Modelithics’ model libraries. For details see the full press release: [Press Release](#)



**Modelithics Adds SJ Technologie Ltd. as United Kingdom Representatives.**

CEO Larry Dunleavy traveled to the London area in March to kick off this new relationship. [Press Release](#)

**Virginia Diodes and Modelithics Partnered To provide 125 GHz Nonlinear Diode Models for Microwave and Millimeter-wave Design**

Virginia Diodes and Modelithics have partnered to provide nonlinear models of VDI’s W Band Single Anode and W Band ZBD Schottky diodes.

[Press Release](#) [Model and Data Sheets](#)



**Modelithics participated in Millimeter-wave Users Group and IET Meeting in London:**

*“125 GHz Measurements for Ultra-broad-band Modeling of Schottky Diodes”* - was presented on 3/27/12 at the 11th Millimetre-wave Users Group meeting to be hosted by Anritsu company in Luton.



*“Understanding S-Parameter vs. Equivalent Circuit-Based Models for Surface Mount RLC Devices”*

<http://www.theiet.org/events/2012/passive-circuits.cfm>



**Modelithics now an Official Agilent Solutions Partner**

Modelithics and Agilent are teaming up to provide solutions enabled by Agilent’s PNA-X based Non-linear Vector Network Analyzer. Modelithics was approved this quarter as an Agilent Solutions Partner.

**Conversions of Compact Models to X-Parameter\* Models**

**Modelithics Expands X-Parameter\* Services**

In response to customer demand, Modelithics, Inc. announces an expansion of their now established X-parameter measurement-based modeling services to include conversions of compact models to X-parameter models. [Press Release](#)

**Modelithics University & Graduate Programs**

Modelithics launches a new website to support their *University Program* and announces their new *Graduate Gift Program*. We developed the University Program for university faculty and faculty-supervised students for use in academic projects and course-work. We are offering graduating students a one year free, node locked license of our Modelithics COMPLETE Library for use with the EDA tool of their choice: (Agilent ADS, AWR Microwave Office or Agilent Genesys) .

**\*New APP NOTE 039:**

**Accurate Co-Simulation of Surface-Mount Capacitors in Shunt Configurations**

[Download APP NOTE 039](#)



**Join us at WAMICON 2012!! April 15-17, 2012**

Modelithics co-founders will present:  
 “Advances in Linear and Non-Linear Modeling for Improved Microwave Design”.

\*X-parameters is a trademark of Agilent Technologies. X-parameter format and underlying equations are open and documented. For more information, visit [www.agilent.com/find/eesof-x-parameters-info](http://www.agilent.com/find/eesof-x-parameters-info). Modelithics® is a registered trademark of Modelithics, Inc. CLR Library™, NLD Library™, NLT Library™, and the SLC

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