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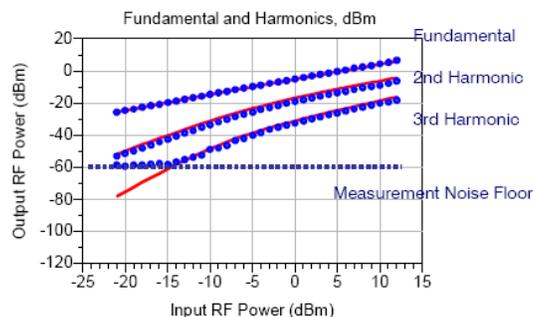
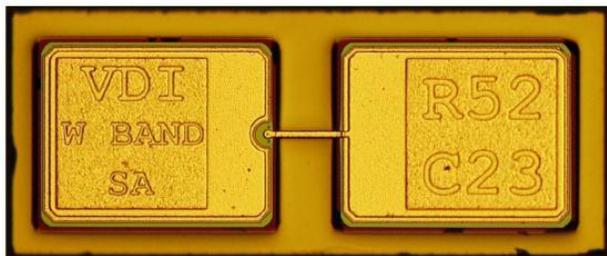
Virginia Diodes Nonlinear Models!

Virginia Diodes and Modelithics Partner to Provide Ultra-broad-band Nonlinear Diode Models for Microwave and Millimeter-wave Design

Charlottesville, Virginia and Tampa, Florida

Virginia Diodes and Modelithics have partnered to provide nonlinear models of VDI's W Band Single Anode and W Band ZBD Schottky diodes. Extensive model information data sheets demonstrate linear and non-linear model validations against measured data taken from DC through 125 GHz. The model data sheets and model access requests can be accessed through the Modelithics website at: <http://www.modelithics.com/mvp/VDI/>

"We have enjoyed working with Modelithics to advance what we believe to be the industry's broadest band diode models. VDI's customers are already benefiting from access to these new models that were developed in response to numerous customer requests" stated Gerhard Schoenthal, Director of Operations and Microelectronics at VDI.



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) 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, microwave and millimeter-wave measurement and modeling needs. Modelithics Vendor Partner (MVP) program provides flexible opportunities for supplier companies to work with Modelithics to avail mutual customers with high accuracy measurement data sets and models for RF, microwave and millimeter-wave devices. Modelithics[®] is a registered trademark of Modelithics, Inc. CLR Library[™], NLD Library[™], NLT Library[™], and the SLC Library[™] are also trademarks of Modelithics, Inc.

About Virginia Diodes, Inc.

Founded in 1996, VDI provided Schottky Diodes for scientific applications including radio astronomy and high frequency radar. Today they design, manufacture and sell millimeter wave and terahertz devices, components, and systems. Their state-of-the-art test and measurement equipment for mm-wave and THz applications along with their detectors, mixers, frequency multipliers and custom systems place them in a unique position to take on the challenges of their mission: *"To make the terahertz region of the electromagnetic spectrum as useful for scientific, military and commercial applications as the microwave and infrared bands are today."*

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