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FOR IMMEDIATE RELEASE

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Modelithics[®] Welcomes Guerrilla RF as New MVP and Introduces S-Parameter and Noise Models for Guerrilla RF Broadband LNAs

Tampa, Florida and Greensboro, NC (August 30, 2017) – **Modelithics is pleased to announce our newest MVP (Modelithics Vendor Partner), Guerrilla RF, and the availability of S-parameter and noise parameter models for five packaged broadband ultra-low noise amplifiers.**

Guerrilla RF is now a valued Supportive Modelithics Vendor Partner and through this program, the two companies have collaborated to characterize five ultra-low noise broadband amplifiers from Guerrilla RF including four LNAs from the GRF207x series and the GRF2501DSR LNA. The MVP program enhances the collaboration and communication during vendor device characterization and modeling, and expands the promotion of devices for which new data and/or models are available.

The LNA devices are designed for high performance RF applications at various frequency bands where ultra-low noise figure and high gain and linearity are required. The LNAs have been characterized using Modelithics' proven and trusted RF device measurement expertise, and the noise and S-parameter data for the Guerrilla RF devices are now available for use in high frequency design simulations.

In addition to available data files, each device also has a Modelithics S-parameter (SPAR) model version, which can be installed into multiple EDA tools for seamless integration into electronic design simulation schematics. SPAR models are also included within the Modelithics COMPLETE Library of advanced simulation models for all types of passive and active electronic components. The Guerrilla RF low noise amplifier SPAR models and associated data files are capable of broadband S-parameter and noise prediction up to **8 GHz**.

Please visit the Guerrilla RF MVP landing page to view the detailed model datasheets and to request more information: www.modelithics.com/MVP/GuerrillaRF, or contact Modelithics at sales@modelithics.com.

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). 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 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. An example of such an arrangement is the Modelithics Qorvo GaN Library, a fully sponsored library distributed for free by Modelithics under sponsorship of Qorvo®.

About Guerrilla RF

Guerrilla RF provides a growing catalog of high-performance RF and Microwave products enabling greater coverage areas and higher data rates for wireless networks. Focused on a wide variety of infrastructure, automotive and general market applications, our unique products utilize our expert IC design talents, cutting-edge process technologies and high-capacity supply chain to deliver superior solutions. Our team of industry veterans are committed to providing detailed, custom applications support through all stages of your product design process from initial prototyping through mass production. Please see the Guerrilla-RF Website for all the latest product information at: www.guerrilla-rf.com.