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Media Alert: Modelithics White Paper Explores Benefits of Circuit-based Models Using NI AWR Design Environment

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What:

[NI](#) (formerly AWR Corporation) is hosting a white paper by RF, microwave, and millimeter-wave model provider Modelithics, Inc. titled, “Understanding S-parameter vs. Equivalent Circuit-based Models for RLC Component Simulations.” This white paper discusses “best-practice” surface-mount component modeling from several points of view. Examples are presented to illustrate common problems with S-parameter models and solutions that can be accomplished using a combination of modern tools, including on-board RF probing, electromagnetic analysis and complex equivalent circuit modeling. In particular, equivalent circuit models enable simulations that can very accurately represent microwave as well as millimeter-wave passive surface-mount devices in ways that enable reliably successful circuit design flows from synthesis through optimization and yield analysis to measured results that correlate well with simulation predictions from NI AWR Design Environment software.

Where:

The white paper and accompanying example projects are available for download (registration required) at awrcorp.com/solutions/technical-papers and awrcorp.com/download

When:

Immediately.

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