

Modelithics News - June 2009



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What designers are saying:

"I have been using the Modelithics CLR and NLT Libraries in the last 6 months for my PhD research. I find these libraries very interesting and have very good models compared to models provided by the vendors themselves. I have designed Class Ab Power Amplifiers at 900Mhz and at 2.14 Ghz using the Sirenza/RFMD Si LDMOS 4 transistor (sid-1083cz). The model performance was very good in small-signal and large-signal. Based on the above testing I have designed a Doherty Power Amplifier (dpa) for the Gsm900 Band, which showed very good results in terms of efficiency at backoff power. The results of this Dpa design were accepted for publication at the German Microwave Congerence in Munich"

Khaled Bathich, Technische Universitaet Berlin (Berlin Institute of Technology) [See Khaled Bathich's Presentation](#)

IMS 2009 - Buy 1, Get 1 FREE Promotion:

We are celebrating IMS2009 with a Buy One, Get One Free Promotion on all of our models, sub-libraries and libraries for the month of June. Take advantage of this time limited offer and get a quote now: www.modelithics.com Also stop by booth 1309 & register to win 1 year's free use of all available Modelithics Libraries for your simulator of choice. For those that can't make it to the show or want a second chance, you can register to win a free one year library subscription by clicking on the "Special Promotions" button on our home page during the month of July (some qualifications and restrictions apply).

Modelithics Integrates the Auriga Pulsed IV System into its Modeling:



Modelithics has integrated the AU4750 pulsed measurement system into its overall transistor characterization and modeling strategy. [Read about it here.](#)

Modelithics Library Releases for AWR's Microwave Office:

CLR	(Passives) Version 6.0	June 2009
NLT	(Transistors) Version 4.0	Coming Soon!
NLD	(Diodes) Version 4.0	Coming Soon!
SLC	(System Level Components)	In development



Modelithics Library Releases for Agilent ADS:

CLR	(Passives) Version 6.0	Released
NLT	(Transistors) Version 4.0	Released
NLD	(Diodes) Version 4.0	Released
SLC	(System Level Components) V 2.0	Released



Agilent Technologies

NLD v
4.0: [Press Release](#) [Release Notes](#)
SLC v 2.0: [Press Release](#) [Release Notes](#)
NLT v 4.0: [Press Release](#) [Release Notes](#)
CLR v 6.0: [Press Release](#) [Release Notes](#)

Modelithics Library Releases for Agilent Gensys:

CLR	(Passives) Version 6.0	Coming Soon!
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Individual NLT and NLD library models are available on special order basis. Contact sales@modelithics.com

Versical: Program Calibrates VNAs for Lumped-Element Testing:

Reported in Microwave & RF January 2009 issue, this powerful software tool includes new load models for broadband VNA calibrations along with a useful function for comparing the accuracy of different calibration methods. [Read about it and request a free trial here.](#)

Check out the list of components available now <http://www.modelithics.com/products.asp> and while your at it, request a [FREE TRIAL](#).

For more information and sample models visit:

<http://www.Modelithics.com>

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