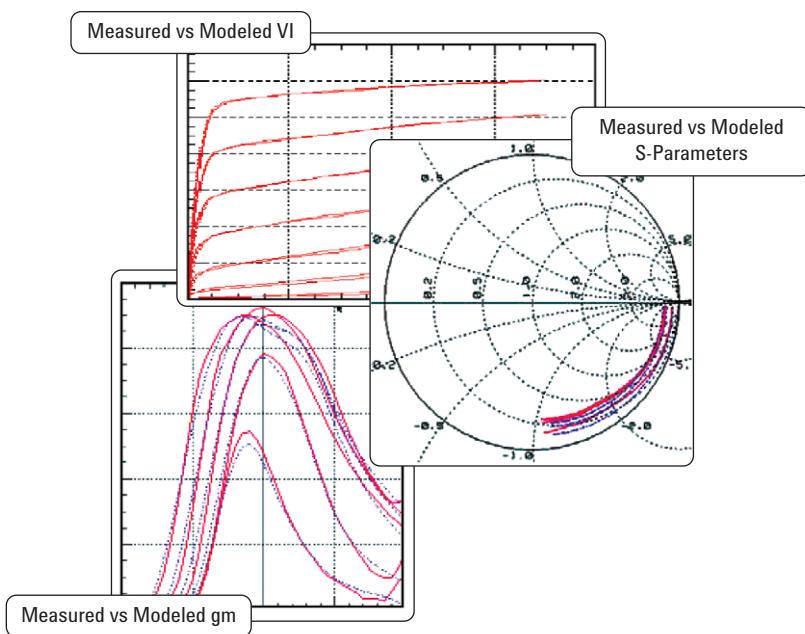


Agilent EEsof EDA

Device Modeling Services

MESFET/HEMT Modeling Service



Leverage the expertise of Agilent EEsof EDA's Device Modeling Services to make your job easier and get your products to market faster and more economically.

Do you need good electrical models of your MESFETs or HEMTs? Agilent EEsof EDA's Device Modeling Services engineers can make accurate measurements of your transistors, and extract model parameters based on the popular EEHEMT/EEFET/Angelov models, or the measurement-based Root models. These models have been proven to accurately represent your physical devices in the simulation environment.

Depending on your design needs, Agilent EEsof EDA extracts parameters of the model of your choice and provides you with modeled-verses-measured verification plots of DC and S-parameter data. Model files fully compatible with Agilent's Advanced Design System are also available.

Capabilities At a Glance

- EEHEMT, Root, Angelov models available at various temperatures
- Accurate, fast turnaround, cost competitive
- Measurements up to 110 GHz, and ambient temperatures from -40 to 200 °C
- Wide range of RF probes and fixtures available
- Model files are fully compatible with Agilent EEsof EDA's product offering, such as Advanced Design System

Other Modeling Services

- RF Test Structure Design
- Noise Characterization (1/f and Noise Figure)
- RF CMOS Modeling
- Passive Component Modeling
- Bipolar Transistor Modeling
- IC Package Modeling
- Statistical/Corner Modeling
- Semiconductor RF Characterization



Agilent Technologies

Contact your Agilent EEsof EDA field sales engineer for more information about Device Modeling Services.

For more information about EEsof's support and services offerings visit:
<http://eesof.tm.agilent.com/support>

For more information about Agilent EEsof EDA, visit:
www.agilent.com/find/eesof

For more assistance with your test and measurement needs visit:
www.agilent.com/find/contactus

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