

## THE CHALLENGE:

Highlight your device's features and electrical performance while minimizing your financial and market risks.

## THE SOLUTION:

Simulate, modify, and model *before* costly fabrication with Johnstech International's Electrical Modeling Services.

# Electrical Modeling Services

Order an electrical representation of your device's performance in a test environment with Johnstech International's Electrical Modeling Services. Our system-level approach to modeling allows you to simulate the actual performance of your system including components, device, load board, and contactor. Expose potential design risks, as well as enhancement opportunities minimizing uncertainty and costly mistakes.

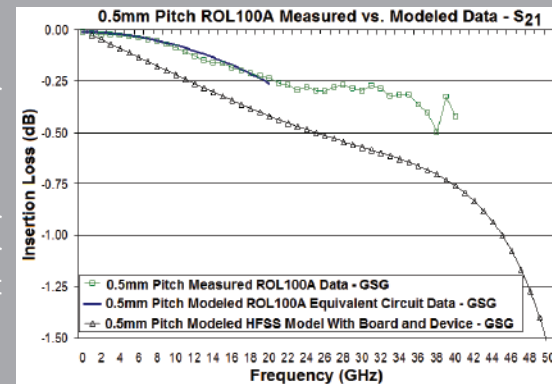
Whether you're developing an RF application below 1 GHz or designing a radar power amplifier at 80 GHz, Johnstech's engineers will simulate your system, provide data, giving your end customers higher confidence in your test solution.

Get to the future—faster.

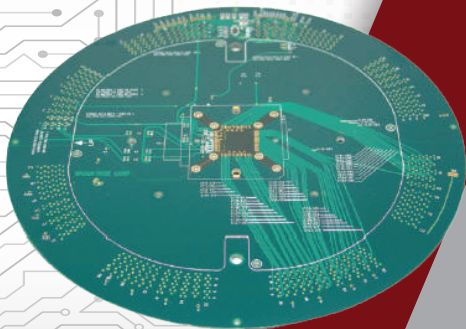
Typical modifications resulting from electrical modeling result in:

- An optimized load board design
- Trace and pad characteristics
- Impedance matching
- Housing modification effects
- Contact design choice
- Ground inductance and plane changes

Contact your **Johnstech Sales Representative** today to add Electrical Modeling Services to your premium test solution.



S U P E R I O R T E S T T E C H N O L O G Y



## Electrical Modeling Services

Johnstech International offers a wide selection of premium service solutions to benefit your business. Our professional and experienced RF engineers employ advanced modeling and simulation techniques to measure anticipated crosstalk, insertion loss, amplifier gain, susceptibility to ground inductance and isolation, and other key design parameters. Contact a Johnstech Sales Representative today to gain an edge in the marketplace.

Part Number	Service	Description
900001	S-Parameters	Provide measured S-parameters or HFSS modeled S-parameters
900003	S-Parameter Plots	Provide Return Loss, Insertion Loss, and Crosstalk plots of S-parameters
900004	Load Board Optimization	Provide Load board to optimize contactor I/O layout performance for specific substrate material
900006	System Level S-Parameters	Provide S-parameter of the whole system which includes load board, contactor, and package.
900007	Eye-Diagram	Provide eye diagram of customer design with all parts simulated
900009	TDR Plot	Provides TDR plot of customer design or any part simulated at customer specified frequency

Scan For More Info

