

High Power RF Testing Under Controlled Temperature & Humidity Conditions

Modelithics now provides accelerated lifetime testing as part of our broad offering in RF/microwave characterization services. Combined with capabilities for small- and large-signal S-parameters, noise, impedance and load-pull measurements, the new capability enables great versatility in solving your testing requirements.

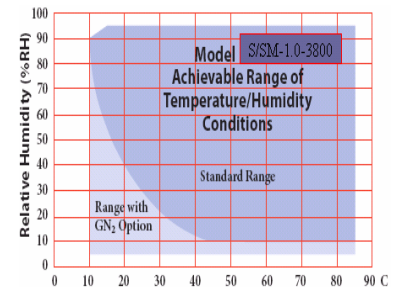
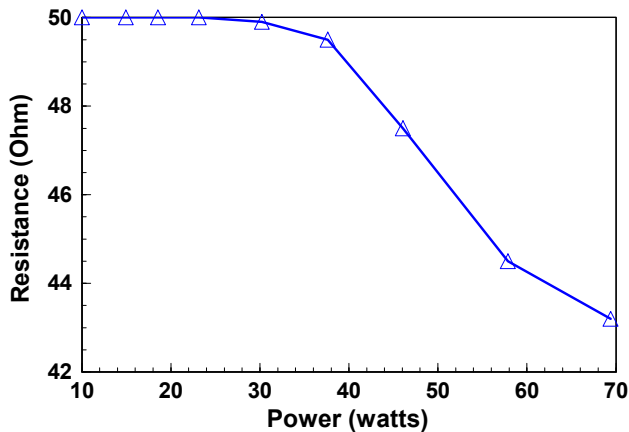
Contact us today to learn more about our reliability testing services. Custom hardware and software solutions can be provided to ensure that all your specifications are addressed in the most time- and cost-efficient manner possible.

Our quality of service, customer response, and reliable delivery are reasons we can list many of the world's major electronic innovators among our customers. We look forward to the opportunity to provide similar high-quality data and services to you and your company.

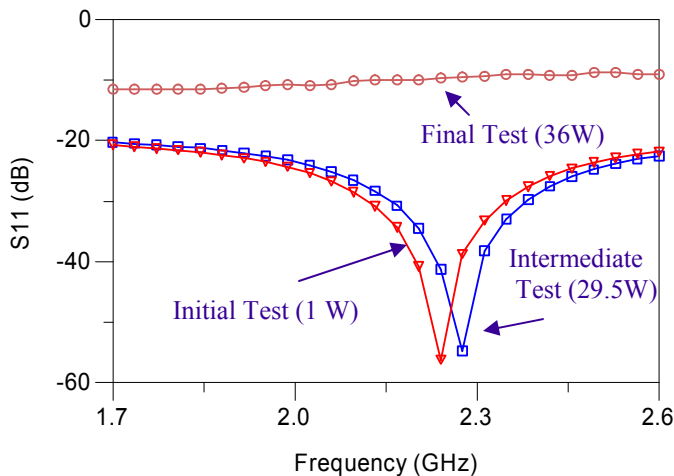


- Temperature -40°C to +130°C
- Humidity: 20% to 95% RH
- Operations in manual mode or running a program
- Alarm output signals
- Also available—on-wafer over temperature testing -55 to +200°C

Power RF Stress Testing of a 50 Ω Load Resistor



High Power RF Failure Testing of a Hybrid Coupler Resistor



EXAMPLE TEST CONFIGURATIONS

- Temperature and humidity conditioned chamber
- Online network analyzer monitoring S-parameters
- Online multi-meter monitoring power detectors and thermocouples
- Injected RF signal up to > 200W depending on frequency.
- Customized/flexible automated test control data logging software