Complete Your Lab with
MAURY MICROWAVE BEST-IN-CLASS PRODUCT LINES

Maury Microwave is your trusted calibration, measurement, and modeling solutions partner. We collaborate closely with customers, embracing their objectives as our own to empower innovation from RF through sub-THz – your success is our success. Whether launching a new semiconductor technology or satellite payload, our calibration, calibration validation, measurement, measurement verification, modeling, and data analysis solutions ensure the right decisions are made every step of the way.

We understand that the quality of data drives the quality of decisions. Leveraging our measurement science expertise, we identify, create, and supply each element in complex measurement systems to ensure accuracy and repeatability. Our comprehensive, integrated approach, from initial calibration and verification to advanced instrumentation hardware to precise measurement and analysis, enables innovators to confront the barriers facing the development and execution of next-generation wireless technology.

Complete your lab with Maury Microwave using elements from the following product lines:

AMPLIFIER

Whether used in a test lab or with an anechoic chamber, the Amplifier product line offers some of the widest bandwidths and highest powers, ideal for test and measurement and electromagnetic compatibility (EMC) applications.

BOONTON RF POWER ANALYSIS

High-performance RF and microwave power measurement solutions from the Boonton RF Power Analysis product line, including peak and average RF power meters, real-time USB power sensors, voltmeters, modulation analyzers, and audio analanalyzers, provide precise analysis across product design, production, maintenance, and system integration.

dBm CHANNEL EMULATION

The dBm Channel Emulation product line tests the performance of wireless systems in realistic operating environments via advanced non-terrestrial RF channel emulation, simulating a comprehensive range of link and hardware-generated impairments such as delay, signal Doppler, attenuation, phase offset, additive white Gaussian noise (AWGN), frequency hopping, payload, and multipath fading.

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DEVICE CHARACTERIZATION

The Device Characterization product line includes on-wafer and connectorized passive, active, and hybrid-active load pull solutions to 1.1 THz; noise parameter extraction solutions to 330 GHz; compact and behavioral model extraction and refinement solutions; as well as nonlinear load pull and noise parameter extraction solutions. This product line comprises of automated impedance tuners, pulsed IV/bias systems, and optimized accessories. Together with our software platforms, our device characterization solutions are used for transistor characterization, model extraction and refinement, PA design, stability test, and more.

HOLZWORTH LOW PHASE NOISE INSTRUMENTATION

The Holzworth Low Phase Noise Instrumentation product line comprises of real-time phase noise analyzers that offer a unique combination of accuracy, speed, flexibility, and reliability in a compact form factor; ultra-low phase noise signal generation solutions with excellent amplitude accuracy and frequency agility; and RF amplifiers designed for applications where low phase noise is critical.

INTERCONNECT

The Interconnect product line, featuring application-specific cable assemblies, adapters, attenuators, torque wrenches, and gage kits, ensures strong connections that improve measurement accuracy and repeatability, eliminating weak links in your test setup.

NOISECOM RF NOISE GENERATION

From noise diodes to programmable noise generators, the Noisecom RF Noise Generation product line features AWGN sources for signal jamming and impairment, reference level comparison and calibration, receiver robustness testing, and jitter injection.

PRECISION CALIBRATION

Accurate calibration starts with coaxial and/or waveguide standards from the Precision Calibration product line, which includes SOLT, SSLT, and TRL calibration kits; characterized verification kits; and calibration, validation, and S-parameter measurement software with measurement uncertainties.

Maury Microwave

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