

Maury Microwave Best-in-Class Solutions

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.



Amplifiers

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



Analyzers

Our analyzers deliver high-performance phase noise analysis, power measurements, and audio and modulation signal analysis to ensure confidence in system design, validation, and production testing.



Cable Assemblies, Adapters, Attenuators, & Tools

From Stability cables and precision adapters to torque wrenches and gage kits, these components ensure strong, repeatable connections that enhance measurement accuracy and eliminate weak links in test setups.



Calibration

Calibration solutions include coaxial and waveguide physical standards; SOLT, SSLT, and TRL calibration kits; characterized verification kits; uCal™ universal automated VNA calibration modules; and cryogenic noise standards, ensuring accurate calibration and validation for VNA and RF test systems.



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Channel Emulator

The Advanced Channel Emulator simulates a comprehensive range of link- and hardware-generated impairments, such as delay, signal Doppler, and multipath fading, to test and validate system performance under real-world conditions.



Impedance Tuners & Measurement Accessories

Our active, automated, cryogenic, manual, and stub tuners, which are complemented by measurement accessories such as bias tees and test fixtures, support advanced device characterization and nonlinear measurements.



Meters and Sensors

High-performance RF and microwave power measurement solutions, including peak and average RF power meters, real-time USB power sensors, and RF volt meters, provide precise analysis across product design, production, maintenance, and system integration.



Noise Generators

Our additive white Gaussian noise (AWGN) sources, from noise diodes to programmable noise generators, are critical solutions for signal jamming and impairment, reference level comparison and calibration, receiver robustness testing, and jitter injection.



Signal Generators & Signal Sources

Fast-switching and low phase noise compact signal generators, single and multi-channel RF synthesizers, and RF synthesizer modules provide precise and stable RF signals for measurement, characterization, and system integration.



Software

Our comprehensive software platforms support calibration, S-parameter measurements, device characterization, and mmW and sub-THz load pull, ensuring repeatable results and streamlined measurement and modeling workflows.

