

February 26-28, 2018

The Florida Hotel & Conference Center | Orlando, FL
1500 Sand Lake Road, Orlando, Florida 32809 | 1-800-588-4656

TE-11 | Tuesday, February 27 | 8:00 AM - 12:00 PM | 1/2-Day AM (4 Hours)

Course Title: Low Power, High Frequency Power Sensor Calibration

Instructor: Greg Tolentino, Tegam

Track: RF/Microwave

Course Description:

This course is designed to provide an overview of microwave power measurement methodology and the elements that must be considered in the development of traceability and the calculation of error budgets. Course will include a discussion of power terminology; power flow equations; measuring power using DC substitution methods; and tracing of power measurements through DC and VNA measurements. Course will also discuss the construction and calibration of power standards and sources of error in RF measurements.

Learning Objectives:

After this tutorial participants will understand,

1. Power flow equations.
2. Measuring RF power using DC substitution.
3. Tracing power through DC and VNA measurements.