



CUSTOM SOLUTIONS

Antenna Simulation & Design
Network Analysis Measurement
Pattern Measurement
Microwave Spectroscopy



<http://lahore.comsats.edu.pk/physics/Lab-Microwave.aspx>



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Microwave Spectroscopy

The synthesis of several materials exploit the electrical and magnetic properties for novel applications. These properties at high frequencies are governed by the accurate measurement of permittivity and permeability in the complex plane. One of the key measurement techniques utilizes coaxial transmission line setup for characterization and known for its simplicity and broad bandwidth. Microwave Spectroscopy Lab has coaxial and tailored waveguide setup for these complex measurements.

Miscellaneous Tools

A flexible range of waveguides, low noise amplifier, bias tee, adaptors, DC blocks, waveguide horns, mechanical calibration kit and low loss cables are available for application specific measurements up to 50GHz.

μ-wave Spectroscopy Lab

