

An Introduction to Vector Network Analyser (VNA) Measurements

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Abstract

This half-day training course gives an overview of measurements that can be made using vector network analysers operating at RF and microwave frequencies. The course covers:

- Vector Network Analyser basics
- Cables and connectors
- Calibration methods in coaxial line

The training course also features practical demonstrations relating to the above three topics. The practical demonstration is often performed using a portable VNA manufactured by LA Techniques Ltd or Pico Technology Ltd.

This short course is based on a training course that was given at the University of Liverpool in 2018 and 2019 for undergraduates and graduates in the Electrical Engineering and Electronics department.