

Training Course TRG-5110 and TRG-5110T

FieldFox Essentials:



An in-depth course on Cable and Antenna measurements using the Keysight FieldFox.

This course suits RF technicians who are tasked with installing, testing, troubleshooting and maintaining antenna installations. It suits people who are brand new to the instrument, and for those with in-depth experience. The course is practical and hands-on, but also includes a considerable amount of theory on RF measurements, DTF vs. TDR techniques, diplexer tune-up, calibration and measurement accuracy, and interpretation of results.

Two options are available:

- TRG-5110 bring your own FieldFox (lower cost)
- TRG-5110T we supply FieldFox (subject to availability)

Course Outline:

- Measurement fundamentals
- Antenna test (return Loss, VSWR and antenna-to-antenna isolation)
- Cable test (DTF, TDR, single-port cable loss)
- CalReady, QuickCal, SOLT, Ecal
- Diplexer test (return loss, VSWR and insertion loss)
- Power Meter measurements
- Save/Recall (screen capture, instrument states, state & trace)
- Repeater Site Maintenance – a strategic approach

Included:

- A printed set of course notes, pen and bottled water for each attendee
- Other refreshments are available directly from the lunchbar adjacent to our office
- Certificate of attendance

Prerequisites:

- None, other than general RF technician or electronics qualifications

