

Keysight Technologies

Handheld RF Analyzer Training Program



You asked us for innovative handheld RF tools
.....we delivered.

Now you want training to make the most of your
new tools.....Keysight is here to help.

Take your knowledge to the next level

RF communication networks are challenging and you need real insights fast. With tight schedules and budget pressures, today more than ever, you need quick accurate measurements, and unique innovations that simplify complex tasks and eliminate repetitive chores.

Keysight Technologies, Inc. handheld RF training courses provide the technical knowledge and hands-on experience to help you get the most out of your equipment and enable you to make accurate and efficient antenna, cable and interference measurements. Keysight training gives you and your customers confidence that your training is up-to-date.

Who should attend training?

Installation and maintenance technicians and operators of RF communication systems:

- Installers and Field Service
- Technicians
- Switch Technicians
- Design Engineers
- Field Engineers
- Managers/Field Supervisors

Course specifications

Prerequisites

None

Format

Lecture and extensive hands-on exercises cover theory and practical applications.



Training Overview

Topics Covered	Line Sweep, Antenna Test Training	RF Interference Analysis Training	Line Sweep, Antenna Test and RF Interference Training
Course duration	2 days	2 days	3 days
Overview of Keysight handheld equipment used in training	N9330B cable & antenna tester N9912A FieldFox RF analyzer	N9340B spectrum analyzer N9912A FieldFox RF analyzer	N9330B cable & antenna tester N9340B spectrum analyzer N9912A FieldFox RF analyzer
Introduction to RF signals and RF network fundamentals – Frequency, amplitude & phase – RF transmission and reflection – Radios, transmitters, receivers, and antennas	X	X	X
Cable and antenna measurements – Transmission-line basics – Basics of line sweeping – Introduction to antennas – Antenna test equipment – Cable fault detection	X		X
RF and interference analysis – Understanding radio equipment – Spectrum analysis – Interference basics – Interference troubleshooting		X	X
Hands-on training and practical examination on the N9912A FieldFox RF analyzer	X	X	X
Hands-on training and practical examination on the N9330B cable and antenna tester	X		X
Hands-on training and practical examination on the N9340B spectrum analyzer		X	X
How to apply this knowledge in the real-world	X	X	X

Course materials provided

- Student workbook with presentation materials, notes, tips, techniques, and lab exercises
- Quick reference cards with standard operating procedures, tips and techniques
- Upon completion of each course and successful written and practical hands-on evaluation, students will receive a laminated certificate of completion wallet card.

Delivery method

Training certification courses are offered in English at Keysight locations or can be hosted at selected sites in the United States and Canada per customer request. Additional world-wide locations and dates will be announced on the Keysight web site. Keysight equipment is provided for hands-on exercises. However, you are encouraged to bring your own N9330B, N9340B or N9912A FieldFox so you can train on, configure and save the measurements on the actual instrument you use in the field. To save you time and travel, these Keysight courses can be delivered at the site of your choosing for up to 10 students per course.

Course numbers and fees (USA/Canada)

Line Sweep, Antenna Test Training:
\$1,200 per student at Keysight training center (# H7215A-121),
\$12,000 up to 10 students on-site (# H7215B-121)

RF Interference Analysis Training:
\$1,200 per student at Keysight training center (# H7215A-122),
\$12,000 up to 10 students on-site (# H7215B-122)

Line Sweep, Antenna Test and RF Interference Analysis Training:
\$1,800 per student at Keysight training center (# H7215A-123),
\$18,000 up to 10 students on-site (# H7215B-123)

Register now

Take your knowledge to the next level and sign-up for your Keysight training course today. For training dates, locations, enrollment and additional course details, visit:
www.keysight.com/find/rfhandheldtraining

