

# Introduction to Line Sweeping Principles Training Course

## Specialized Line Sweeping Principles Training using any Vendor's Line Sweeping Product

An intense one-day instructor led training course that focuses on line sweeping principles. Bring your own line sweeping instrument regardless of manufacture and we will teach you how to use it.

- **Hands-on:** Learn by doing the task and not by watching. 50% of the course is hands-on.
- **Critical Emphasis:** Fine tune the points and techniques that are of particular importance to your operations. Our skilled instructors and staff can tailor the module to meet your requirements.

**Schedule:** Training sessions can be easily scheduled months in advance. Get more specific details regarding class location, including information on discounts or having a dedicated training session at your company site.

- **Contact us directly:**  
Email us at [us-training@anritsu.com](mailto:us-training@anritsu.com)  
Register on-line at [www.us.anritsu.com/training](http://www.us.anritsu.com/training)

## Who Should Attend Anritsu's Line Sweeping Principles Training?

- Wireless Carriers
- Base Station OEMs
- Field Engineers
- Site Managers
- WLAN Installers

## You Will Learn

- Technical aspects of line sweeping
- How to set up a line sweep
- The effects of cable length, type and system components on sweeps
- The effect of sweep rates and frequencies
- How to pinpoint faults
- How to identify, locate, document and resolve cable line transmission faults



The Anritsu logo, consisting of the word "Anritsu" in a bold, sans-serif font.

# Yes! Sign up now for Line Sweeping Principles Training Course...

## What You Get:

- Course Manual
- Certificate of Completion

## Course Fees (call for pricing):

One day Introduction to Line Sweeping Principles course (at Anritsu specified location)

One day Introduction to Line Sweeping Principles course (at your location)

## Course Outline:

### Lecture 1: Introduction to Line Sweeping

- What is a Line Sweep
- What affects the Quality of your System and Line Sweeping
- Different Methods of Line Sweeping
- Four Different Tests and What They Accomplish

### Lecture 2: Line Sweeping Fundamentals

- Information Needed to Conduct a Line Sweep
- Sweeping the Cable Assembly
- Sweeping the Antenna
- Calibrations

### Lecture 3: Line Sweeping Operations

- Theory
- Operation
- Application
- Instrument Functions

### Lecture 4: Sample Traces

- Return Loss
- Cable Loss
- Distance to Fault

### Lab 1: Line Sweep and Troubleshooting Techniques

- Learn How to properly set up a Line Sweep
- Gain an in depth understanding of Insertion Loss, Return Loss and Distance-to-Fault Testing

### Lab 2: Troubleshooting

- Learn How to Diagnose Unique Line Sweep Problems

### Lab 3: Trace Interpretation

- Learn How to Interpret Various Test Results

## Cancellation Policy:

Contact Distributors for Policy.

## Need Certified Line Sweep Training?

Some companies require Anritsu Line Sweep Certification for personnel that sweep their sites. Please ask for the two day Anritsu Certified Line Sweep Course if you require certification.

For the most recent training schedule visit:  
[www.us.anritsu.com/training](http://www.us.anritsu.com/training)

#### SALES CENTERS:

United States & Canada (800) ANRITSU

South America 55 (21) 2527-6922 • Europe 44 (0) 1582-433433

Japan 81 (46) 223-1111 • Asia-Pacific (852) 2301-4980

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# Anritsu

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