

# Cell Master™ and Base Station Measurements Training Course

## Introduction to Cell Master and Base Station Measurements

A one-day instructor-led course that is designed to teach MT8212B Cell Master Users how to set up, perform, and interpret various Base Transceiver Station measurements.

- **Thorough Emphasis:** Students will learn to perform typical BTS measurements, including Line Sweeping, Over the Air and demodulated RF measurements, Interference Analysis, Spectrum Analyzer based measurements, and CDMA or GSM measurements.
- **Cost Savings:** Eliminate or significantly reduce your travel expenses because training sessions are offered at a location close to you (or even at your location).
- **Schedule:** Training sessions can be easily scheduled months in advance. Get more specific details regarding class location, including information about 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)  
or contact one of our distributors:

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## Who Should Attend Anritsu's Introduction to Cell Master and Base Stations Measurements Training?

- Cell Technicians
- System Performance Engineers/Field Engineers
- Base Station OEMs
- Site Managers
- BTS Installers

## You Will Learn

- Line Sweeping Principals – Return Loss and Distance-To-Fault (DTF)
- Power Meter Measurements
- Spectrum Analysis Basics – how to set up and use a spectrum analyzer, identifying signal types, common BTS measurements such as Occupied Bandwidth, ACPR, Channel Power, and Carrier to Interference Ratio (C/I).
- Interference Analysis – how to use the IA tools (Spectrogram, Signal Strength, RSSI, and Signal ID).
- TI or EI Measurements (depending on locale)
- CDMA or GSM Measurements (depending on specific network of interest) – understand the key measurements for your specific network.
- Handheld Software Tools – how to use HHST to download, save, and edit your important measurements.



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# Yes! Sign up now for the Cell Master and Base Station Measurements Course . . .

## What You Get:

- Course Manual
- Certificate of Completion

### Course Fees (call for pricing):

Introduction to Cell Master and  
Base Station Measurements  
(at an Anritsu specified location).

Introduction to Cell Master and  
Base Station Measurements  
(at your location).

### Course Outline:

**Lecture 1:** Introduction

**Lecture 2:** Cable Analyzer  
Measurements (Return Loss,  
Insertion Loss, Distance to Fault)

**Lecture 3:** Power Meter  
Measurements

**Lecture 4:** Spectrum Analysis

**Lecture 5:** Interference Analyzer

**Lecture 6:** CDMA Measurements or  
GSM Measurements (depending on your  
specific application)

**Lecture 7:** Handheld Software Tools

**Certification Test**

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

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