

CDMA/EVDO Base Station Measurement Training Course Using the Anritsu BTS Master™

Now Available!

CDMA/EVDO Base Station Measurement Training Course using the Anritsu BTS Master is a two-day instructor led training course focusing on measurements critical to maintaining modern Base Station equipment.

- **Hands-on:** Learn by doing! Learn the theory and perform the measurements. A significant portion of the course contains lab exercises with simulated signals and conditions measured with the MT8222A BTS Master.
- **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 Code Domain measurements.
- **Cost Savings:** Eliminate or significantly reduce your travel expenses because training sessions are offered at a location near you (or even at your location).
- **Schedule:** Training sessions can be easily scheduled months in advance. Get specific details regarding class locations, information on discounts, or having a dedicated training session at your company site by contacting us directly at us-training@anritsu.com. You can also register for a class online.
- **Price:** \$1,465 per student

Who Should Attend?

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

How Will You Benefit?

- The essential CDMA Base Station measurements including channel and code domain power, Rho, Noise floor, Peak Code Domain error, ACLR and frequency error.
- How to make Over-the-Air (OTA) measurements such as Pilot Dominance, EVM, and Code Domain Power.
- EVDO Measurements
- Basics of Line Sweeping
- Line Sweep Measurements, including Distance to Fault
- Spectrum Analyzer Measurements, including Power Density, Occupied Bandwidth, Channel Power, ACPR and Noise Floor
- Interference Analysis Tools: Spectrogram, Signal Strength, RSSI, and applications to Direction Finding and Interference Hunting
- Power Meter
- Two-Port Measurements of TMA Gain, Antenna Isolation and RX Diversity Balance
- Channel Scanner Measurements
- How to use Master Software Tools to download, save, and edit your important measurements as well as remote operation of the BTS Master.

Yes! Sign up now for the CDMA/EVDO Base Station Measurement Training Course...

What You Will Cover

Course Outline:

Lecture 1: Introduction

Lecture 2: Cable Analyzer (Line Sweeping) Calibration, Return Loss, and Transmission Measurements (TMAs, etc.)

Lecture 3: Spectrum Analysis

Lab 1: Spectrum Analyzer Familiarization, Functions, Advanced Measurements, CDMA Signal Measurements (Occupied Bandwidth, Channel Power, ACPR, Spurs)

Lecture 4: Interference Analyzer

Lecture 5: Power Measurements

Lecture 6: Channel Scanner

Lecture 7: GPS

Lecture 8: Master Software Tools

Lecture 9: CDMA/EVDO Basic Theory and Measurements

Lab 2: CDMA Measurement including Code Domain Power, Pilot Power, Rho, Tau, Ec/Io, PN can, Pilot Dominance, etc.

Lecture 10: EVDO Measurements

Anritsu Cancellation Policy:
Contact Anritsu for Policy.

For more details about this course or to find out when this class will become available. Contact us at us-training@anritsu.com.

SALES CENTERS:

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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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