

INTERFERENCE ANALYSIS

Certification Training

Overview

RF interference is a high-impact problem that can compromise services anywhere at any time. Anritsu's expert instructors teach participants to identify, track down, and address RF interference sources. The comprehensive curriculum uses extensive labs and case studies to take the mystery out of interference hunting.

Who Should Take This Course?

- Cellular Technicians
- Wireless Carrier Performance Engineers
- Field Engineers
- Industrial Engineers
- Biomedical techs/engineers
- Government Agencies
- Military personnel
- Security personnel

Why?

Another industry-leading, Anritsu certification training, Interference Analysis (IA) is a rigorous instructor-led course that introduces participants to the fascinating detective work of tracking down interfering signals. Learn to make measurements, determine what they mean and adjust the parameters of testing to find interference.

Addressing interference often requires testing in structures occupied by those unaware of the problem. Effective communication is key to getting access. This course covers the do's and don'ts of gaining neighborly cooperation.

Course Details

The 3-day course covers theory, procedure, calculations, instrument use, measurement parameters, trace interpretation, case studies, and interpersonal communication strategies. Training culminates in a simulated interference hunt as the final practical exam.

Agenda

- RF Basics
 - Scientific principles
 - Terms
 - Calculations
- Handheld Spectrum Analyzer Operation
 - Superheterodyne receiver model
 - Navigation
 - Settings
 - Measurement parameters
 - File management



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Agenda (cont'd)

- Making Measurements
 - Channel Power
 - Occupied Bandwidth
 - Adjacent Channel Power
 - Field Strength
 - Carrier to Interference Ratio
- Fundamentals of interference in wireless networks
- Interference assessment
 - Understand traces
 - Recognize clues and signs in detecting interference
 - Correctly identify interference by making the right measurements in response to clues
- Zero in on the source of interference
- Practical tips on measuring interference
- Communication Strategies
 - Gain access to structures
 - De-escalate conflict
 - Build cooperation

You Get

- Course manual—full color
- Official Anritsu Certification—on passing practical exam (*ID card is mailed after training*)
- Use of Anritsu instruments and equipment during the training
- Small group instruction
- Expert instructors with years of real-world experience

Sign Up Today

Contact us directly for details, pricing, or to book a private session.

Email

us-training@anritsu.com

Register On-Line

www.us.anritsu.com/training

Public classes are offered in various US locations. Private sessions available, subject to instructor availability.

For the most recent training schedule visit www.anritsu.com/training

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