

Passive DAS Certification

3-Day Training

This 3-day certification is taught by DAS experts with years of experience. Learn theory and practical considerations, procedures of assembling, installing and testing Distributed Antenna Systems.

Learn Anritsu instruments

- **Site Master S331L**
- **PIM Master MW82119B**

Work from a simulated site plan

Build and test a simulated DAS, from components to system

Practice troubleshooting strategies

Learn time-saving tricks of the trade
— *avoid re-work and save money!*

Understand the importance of documentation

Learn foundational theory

Practice interpreting measurements



Register NOW!

Description

This is a rigorous course. Certification means the participant who passes knows how to use the instruments to make measurements, can interpret and analyze information to find problems and correct them, and has a sound strategy for consistent documentation and efficient, effective workflow.

The value of this course is that it teaches participants to do the job correctly the first time avoiding costly rework. Anritsu certification means confidence.

Topics

- Learn to use both **Site Master S331L** and **PIM Master MW82119B**
- What is a DAS?
- What does DAS do?
- Learn DAS components, their functions and performance ranges
- Review line sweep and PIM theory
- Learn correct cleaning procedures so important for PIM testing and lasting network performance

- Test and troubleshoot components and DAS assemblies and sub-assemblies for
 - return loss
 - insertion loss (cable measurements and DAS measurements)
 - PIM
- Measure cable length
- Learn antenna placement testing
 - Avoid PIM sources in the environment
- Build, test and troubleshoot simulated DAS branches
- Collaborate in teams to build, test and troubleshoot a simulated DAS floor
- Use and apply site maps and system diagrams
- Understand DAS documentation
- Learn to do the job correctly the first time saving time and money!
- Pass a final practical exam demonstrating your mastery of DAS concepts, procedures and best practices

Who should attend?

- Indoor/Outdoor DAS Installers
- DAS Project Managers
- DAS System Test Technicians
- Wireless Carriers
- Base Station OEMs
- Field Engineers
- Site Managers

Schedule

Day 1

- Instrument Tutorial
 - Site Master
 - PIM Master
- What is DAS?
 - Definitions
 - Challenges
 - Components
 - Review questions
- Testing DAS
- Issues in DAS
 - Antenna positioning
 - Troubleshooting challenges
 - Test-as-You-Go
- Line Sweep Concepts
- Line Sweep Labs: Components
- Interpreting Site Diagram

Yes!

Sign Up NOW!

for Passive DAS Certification

- Return Loss
- Insertion Loss — Cables
- Cable Length
- Troubleshoot with DTF
- Interpret and Record Results
- PIM Concepts
- PIM Labs: Components
 - Power levels and PIM
 - PIM vs Time
 - Troubleshoot with DTP
- Interpret and Record Results
- Review questions
- Interpret and Record Results
- Insertion Loss — DAS
- Power Meter & Sensor
- Position-test antennas
- Locate PIM-free Zones
- Build a DAS
- Interpret and Record Results

Day 3

- Review & Practice
- Practical Certification Exam

Register TODAY!

us-training@anritsu.com

www.anritsu.com/training

Day 2

- Branches & Floors
- Build a DAS branch & test
- Interpret and Record Results
- Build a DAS floor & test
- Interpret and Record Results
- DAS system troubleshooting approaches
- “Bug” a DAS floor & troubleshoot one “bugged” for you

Cancellation Policy

Contact Anritsu for Policy.

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

SALES CENTERS:

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Japan 81 (46) 223-1111 • Asia-Pacific (65) 6282-2400

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