



Agilent's 8510 Network Analyzer Transition to PNA Engineering Service

Data Sheet

R1362A-100

- When you need to choose a replacement for the 8510, make the move quickly and easily with assistance from Agilent's network analyzer experts
- Take full advantage of a higher performance network analyzer solution in your application
- Get the type of assistance you need at a time and place you choose

Migrate efficiently from 8510 series to PNA series network analyzers

Service description

Agilent offers a spectrum of services including training, code conversion, and/or test plan design to current users of the 8510 network analyzer series who plan to upgrade their application to the PNA network analyzer series.

Purpose

Once you've decided to migrate your network analyzer system, Agilent engineering services help you streamline the transition so you can quickly realize improvements in speed and accuracy from the PNA network analyzers.

Service Scope

This service will be delivered by Agilent engineers who have RF & Microwave expertise as well as the most familiarity in the industry with both the 8510 and PNA network analyzer series. Our engineers also have the most up-to-date technical knowledge of network analysis and access to the measurement system designers.

The services that you choose will be delivered where you specify: at your site, in a classroom, in front of the network analyzer system, or remotely using the phone and web tools. The services may include training for you and your team on the use of the new instrumentation, assistance with converting your programming code to work seamlessly in the new environment, or a new design for your test plan that makes use of the improvements in network analysis technology.

Services customized to you

For all users of the 8510 who transition to the PNA, Agilent recommends the following training on basic usage:

- **H7215B-203**
PNA Series Network Analyzer Operation:
Training on the use of the front panel interface and calibration methods.

- Additional application specific training for users of the 8510XF or 85106D whose application involves antenna measurements, radar cross section, banded millimeter wave, or single sweep 50 –110 GHz.

Contact your sales representative to determine the training best suited to you.

If your network analyzer is part of an automated system, Agilent recommends these additional services:

- **R1362A-116**
Test Code Conversion Service:
Code Conversion Assistant is a utility that typically covers 80-90% of 8510 to PNA command replacements. Agilent programming experts are available to help you complete the test code conversion. Their services can be performed remotely or onsite.



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If you want training to do your own code conversion or you need to maintain the code, Agilent recommends the following programming courses:

- **H7215B-204**
PNA Programming Using SCPI:
Learn how to program the PNA using SCPI and communicate with the PNA over LAN.
- **H7215B-205**
PNA Programming Using COM:
Program the PNA using COM, integrate with MicroSoft applications, and use Visual Basic to form test solutions.

If you want to re-do your test plan to take full advantage of the much greater accuracy and speed of the PNA, Agilent recommends:

- **R1361A-112**
Test Plan Development Service:
Planning assistance to optimize your test time, effectiveness, and accuracy.

What Agilent needs from you

- For training: access to instruments, training facilities, and people to be trained.
- For code conversion: access to your test code.

* **Note:** contact your sales representative to discuss Agilent's current solutions for pulsed-RF measurements.

Ordering information

R1362A-100

8510 Network Analyzer Transition to PNA Engineering Service is a custom quote service that can include any of the services listed in this datasheet.

Contact your Agilent sales representative to discuss your specific needs and to receive a quotation.

Related services and literature

- **H7215B-203**
PNA Series Network Analyzer Operation
Publication Number: 5988-3441EN
- **H7215B-204**
PNA Programming Using SCPI
Publication Number: 5988-3442EN
- **H7215B-205**
PNA Programming Using COM
Publication Number: 5988-3443EN
- **R1362A-116**
Test Code Conversion Service
Publication Number: 5988-5364EN
- **R1361A-112**
Test Plan Development Service
Publication Number: 5988-5355EN
- **R1360A-104**
Daily Specialist Productivity Assistance
(for other engineering needs not covered by the listed services)

For more information go to:
www.agilent.com/find/education
www.agilent.com/find/consulting

Related instrumentation

- 8510 series of network analyzers (8510SX, 8510XF, 85106D, 85107B, 85120, 8530)
- PNA series of network analyzers

For more information go to:
www.agilent.com/find/8510
www.agilent.com/find/pna

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you use Agilent equipment, we can verify that it works properly, help with product operation, and provide basic measurement assistance for the use of specified capabilities, at no extra cost upon request. Many self-help tools are available.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and on-site education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.



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