Keysight Technologies
VSA Wireless LAN Measurements

Data Sheet
PS-X10-100

Service Description

Keysight Technologies, Inc. will provide with your purchase, a two day on-site Vector Signal Analyzer (VSA) measurement and troubleshooting engineering service focused on Wireless LAN physical layer measurements.The objective of this service is to rapidly increase engineers' effectiveness setting up a VSA, making VSA measurements, and troubleshooting IEEE 802.11 circuits with the VSA. Essential Wireless LAN measurements, results analysis, and signal impairments will be addressed.

Service Scope

This service, at your site, includes 1.5 days of training and .5 day of hands–on measurement and troubleshooting of your device under test. The formal training uses instructional materials and laptop computers loaded with the 896XX software and several impairment signals. It is a mix of lecture and labs to illustrate the concepts presented. The hands-on time will help you make the necessary measurements to troubleshoot the entire circuit of your design.

Business Need

This service will help you get your design to market faster by saving you time in understanding the IEEE 802.11 standard, how to use the Keysight 89600 series VSA, how to make the necessary measurements to meet the standard, and how to troubleshoot for different kinds of impairment.

What You Will Receive

Training on the following topics:

- Overview of the 896XX Vector Signal Analyzer
- Information on physical layer set up and measurements
- Experience in making physical layer measurements
- Best practices for troubleshooting signals with impairment
- Experience in analyzing signals with impairment
- Training materials to keep for reference
- Instruction on the 896XX software and several examples of signal impairment for troubleshooting
- Hands-on measurements and troubleshooting performed on your device under test

Required From Customer

- Keysight 896xx instrument
- Conference room for training
- Device under test (if available)
- Engineer's availability for 2 days
- Basic knowledge of IEEE 802.11, having attended Keysight's Wireless LAN Technology course or equivalent.

Ordering Information

Contact your local Keysight Sales Representative for a custom quotation.

Related Services

Wireless LAN Technology Course (H7216B-337)

Related Products

Keysight 896XX Vector Signal Analyzers

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A personalized view into the information most relevant to you.

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at:
www.keysight.com/find/contactus

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