

# **VSA Wireless LAN Measurements**

Service Data Sheet

PS-X10-100

## **Service Description**

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 Agilent 89600 series VSA, how to make the necessary measurements to meet the standard, and how to trouble-shoot 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**

- Agilent 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 Agilent's Wireless LAN Technology course or equivalent.

# **Ordering Information**

Contact your local Agilent Sales Representative for a custom quotation.

#### **Related Services**

Wireless LAN Technology Course (H7216B-337)

### **Related Products**

Agilent 896XX Vector Signal Analyzers



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## Taiwan:

(tel) 0800 047 866 (fax) 0800 286 331

## **Other Asia Pacific Countries:**

(tel) (65) 6375 8100 (fax) (65) 6755 0042 Email: tm\_ap@agilent.com

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