

Installation Note

Agilent Technologies E4406A VSA Transmitter Tester Measurement Personality Retrofit Kit (Includes Operating System Update Kit)



Part Number E4406-90157 Supersedes E4406-90113

Printed in USA July 2000

Notice.

The information contained in this document is subject to change without notice.

Agilent Technologies makes no warranty of any kind with regard to this material, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Agilent Technologies shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

© Copyright Agilent Technologies, Inc. 1999 – 2000

All Rights Reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws.

1400 Fountaingrove Parkway, Santa Rosa, CA 95403-1799, USA

Description

The Measurement Personality Retrofit Kit allows you to add additional measurement personalities to your E4406A Transmitter Tester after you have purchased it. The new operating system and firmware are included. The total installation time is approximately 1 hour.

Kit Contents:

Item Number	Part Number	Description
1	E4406-60147	Firmware Upgrade Kit
2	5964-5136	License Key Certificate
3	Depends on the Option	Personality Measurement Guide
4	Depends on the Option	Personality Programming Commands
5	Changes periodically	Specifications
6	E4406-90157	Installation Note, Agilent Technologies E4406A Transmitter Tester Measurement Personality Retrofit Kit

Equipment Required

- iomega zip 100™ SCSI zip drive or 250™ SCSI zip drive
- Mini D50 male to DB25 male SCSI cable
- PS2 keyboard

NOTE The zip drive needs to be an iomega zip 100™ SCSI zip drive or 250™ SCSI zip drive—NOT the iomega zip plus™ drive . The “zip plus” will not work.

Installation Procedure

Step 1. Choosing the correct procedure

- A. If you received an *A22A2 Flash Memory Replacement Kit* with this *Measurement Personality Retrofit Kit*, you do not need to install a new operating system or firmware. The new operating system and firmware have been pre-installed into the flash memory assembly for you. Follow the instructions in the *A22A2 Flash Memory Replacement Kit* and then return to this procedure to activate your new measurement personality. Start with Step 2.
- B. If you did NOT receive an *A22A2 Flash Memory Replacement Kit* with this *Measurement Personality Retrofit Kit*, follow the instructions in the *Operating System Update Kit*.

Step 2. Verifying the Host ID

- A. Set the power switch to ON (1).
- B. Press the following keys:

System
More
Show System

- C. Verify that the Host ID shown on the instrument display matches the Host ID on the license key certificate.

The Host ID is a unique number for each instrument. If the Host ID on the license key certificate does not match the instrument, you cannot load the personality into your transmitter tester.

Step 3. Entering the license key number

- A. Press the following keys:

Return
More
Install
Choose Option

The alpha editor will now appear.

- B. Use the alpha editor to enter the letters (upper-case) and the front-panel numeric keys to enter the numbers (if required) of the personality option you are installing.

Your entry will appear in the active function area of the display. If you make a typing error, use the backspace key to correct the mistake.

- C. Press **Done** when finished.

D. Press **License Key** and enter the license key number.

Use the alpha editor and the front-panel numeric keys to enter the hexadecimal license key number listed on the license key certificate.

E. Check the license key number you have entered.

F. Press **Done**.

Step 4. Installing the license key for the option

A. Press the following keys:

Install Now
YES

If the message "Insert disk and power cycle the instrument" appears in the instrument's function box, disregard the message.

B. Set the power switch to Standby (0)

NOTE The power must be cycled in order to store the license key word in the instrument's memory.

Step 5. Verifying the measurement personality installation

A. Set the power switch to ON (1).

B. Press the front-panel **MODE** key

The new personality will be listed in the softkey menu.

This completes the installation of the measurement personality.

NOTE For the latest information about firmware updates, please visit our WEB site, <http://www.agilent.com/find/vsa/>.

Troubleshooting

❑ If “Not Licensed” appears under the measurement personality in the MODE menu:

1. Check to make sure that your Host ID matches the Host ID on the certificate. Refer to [Step 2.](#) of the “Installation Procedure”.

If it does not match, contact your Agilent Technologies Representative or your nearest Agilent Technologies Sales and Service Office.

2. Check to make sure that you entered the license key correctly. If it is not correct, re-enter the license key. Refer to [Step 3.](#) of the “Installation Procedure”.

NOTE The “0’s” are zeros, NOT the letter “O”.

❑ If “Not Installed” appears under the measurement personality in the MODE menu:

Most likely the firmware for the personality was not installed with the new operating system and firmware. Return to the “*Operating System Update Kit*” installation instructions. Make sure you use “Selection [3]”, not “Selection [2]” when asked to choose an update procedure.

❑ If there is no listing for the measurement personality in the MODE menu:

The firmware for the personality was not installed with the new operating system and firmware. Return to the “*Operating System Update Kit*” installation instructions. Make sure you use “Selection [3]”, not “Selection [2]” when asked to choose an update procedure.

❑ If the measurement personality is still not installing:

Contact your nearest Agilent Technologies Sales and Service Office for assistance. Please provide the following information:

Model Number: E4406A

Serial Number:

State that you are having trouble installing a measurement personality.

Agilent Technologies Sales and Service Offices

UNITED STATES		
<p>Instrument Support Center Agilent Technologies Company (800) 403-0801</p>		
EUROPEAN FIELD OPERATIONS		
<p>Headquarters Agilent Technologies S.A. 150, Route du Nant-d'Avril 1217 Meyrin 2/ Geneva Switzerland (41 22) 780.8111</p>	<p>France Agilent Technologies France 1 Avenue Du Canada Zone D'Activite De Courtaboeuf F-91947 Les Ulis Cedex France (33 1) 69 82 60 60</p>	<p>Germany Agilent Technologies Agilent Technologies GmbH Agilent Technologies Strasse 61352 Bad Homburg v.d.H Germany (49 6172) 16-0</p>
<p>Great Britain Agilent Technologies Ltd. Eskdale Road, Winnersh Triangle Wokingham, Berkshire RG41 5DZ England (44 118) 9696622</p>		
INTERCON FIELD OPERATIONS		
<p>Headquarters Agilent Technologies Company 3495 Deer Creek Rd. Palo Alto, CA 94304-1316 USA (415) 857-5027</p>	<p>Australia Agilent Technologies Australia Ltd. 31-41 Joseph Street Blackburn, Victoria 3130 (61 3) 895-2895</p>	<p>Canada Agilent Technologies (Canada) Ltd. 17500 South Service Road Trans-Canada Highway Kirkland, Quebec H9J 2X8 Canada (514) 697-4232</p>
<p>Japan Agilent Technologies Japan, Ltd. Measurement Assistance Center 9-1, Takakura-Cho, Hachioji-Shi, Tokyo 192-8510, Japan TEL (81) -426-56-7832 FAX (81) -426-56-7840</p>	<p>Singapore Agilent Technologies Singapore (Pte.) Ltd. 150 Beach Road #29-00 Gateway West Singapore 0718 (65) 291-9088</p>	<p>Taiwan Agilent Technologies Taiwan 8th Floor, H-P Building 337 Fu Hsing North Road Taipei, Taiwan (886 2) 712-0404</p>
<p>China China Agilent Technologies Co. 38 Bei San Huan X1 Road Shuang Yu Shu Hai Dian District Beijing, China (86 1) 256-6888</p>		