

Installation Note

Agilent Technologies E4406A VSA Series Transmitter Tester Measurement Personality Retrofit Kit (Includes Firmware Upgrade Kit using LAN)



Agilent Technologies

Part Number E4406-90221

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Description

The measurement personality retrofit kit allows you to add measurement personalities to your E4406 transmitter tester. The measurement personalities, operating system, and core firmware are included in the kit. Total installation time is approximately one hour.

Item Number	Agilent Part Number	Description
1	E4406-60172	Firmware Update Kit
2	5964-5136	License Key Certificate
3	change periodically	personality guides
4	Specifications	changes periodically
5	this note	Installation Note Agilent Technologies E4406A Transmitter Tester Measurement Personality Retrofit Kit

Equipment Required

- Microsoft Windows®¹ based personal computer with network interface card
- Windows 98®, or NT®, or any more recent Windows® operating system
- CD_ROM drive
- PS2 keyboard (applies if instrument serial number begins “US3”)

1. Microsoft Windows®, Windows 98®, and NT® are U.S. registered trademarks of Microsoft Corporation.

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 new firmware. In this case the new firmware has been pre-installed into the flash memory assembly. Follow the instructions in the *A22A2 Flash Memory Replacement Kit*, then return to step 2 of this procedure to activate your new memory personality.
- B. If you did not receive an *A22A Flash Memory Replacement Kit* with this *Memory Personality Retrofit Kit*, follow the instructions in the Firmware 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 in the instrument display matches the Host ID on the license key certificate. The Host ID is unique for each instrument. If the Host ID on the license key certificate does not match the instrument, you will not be able to load the personality into your instrument.

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 letters (upper-case) and the front-panel numeric keys to enter numbers (if required) of the personality option you are installing. Your entry will appear in the active function area of the display. If a typing error occurs, use the backspace key to correct the mistake.
- C. Press the **Done** key when finished.
- D. Press the **License Key** 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 you have entered.
- F. Press the **Done** key.

Step 4. Activate the license keys for the new options

- A. Press the following keys: **Install Now, Yes**. The message “New Options become active after reboot ”will appear. Previous revisions of the firmware may incorrectly display the message “Insert disk and cycle the instrument”. Disregard this message if it appears.
- B. Turn off the instrument by setting the power switch to Standby (0).

NOTE The power must be recycled in order to activate the new measurement personality license key.

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 appear in the softkey menu.

Troubleshooting Measurement Personality Installation

1. Press the **System, More, Show System** keys to access the Personality Information display.
2. If “Bad” appears after the licensed key for the personality you are trying to install, follow these steps (if “Bad” does not appear, proceed to step 3):
 - a. Check that your Host ID matches the Host ID on the certificate (see step 1). If it does not match, contact your Agilent representative or your nearest Agilent sales and service office.
 - b. Check that you entered the hexadecimal license key correctly. If it is not correct, re-enter the license key. See step 3.

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

3. If you still have a problem installing the measurement personality, try re-installing the firmware in your analyzer and selecting all options that you want to load into your instrument. Make sure you select the check box to load the operating system on the “Choose Components to Load to Your Instrument” screen for the firmware update program.
4. Contact your nearest Agilent Technologies Sales and Service Office for assistance (see page 7). Please provide the following information:

Model Number: E4406A

Serial Number: USXXXXXXXX

State that you are having trouble installing a measurement personality.

By internet, phone, or fax, get assistance with all your test and measurement needs.

Online assistance: www.agilent.com/find/assist			
United States (tel) 1 800 452 4844	Latin America (tel) (305) 269 7500 (fax) (305) 269 7599	Canada (tel) 1 877 894 4414 (fax) (905) 282-6495	Europe (tel) (+31) 20 547 2323 (fax) (+31) 20 547 2390
New Zealand (tel) 0 800 738 378 (fax) (+64) 4 495 8950	Japan (tel) (+81) 426 56 7832 (fax) (+81) 426 56 7840	Australia (tel) 1 800 629 485 (fax) (+61) 3 9210 5947	

Asia Call Center Numbers

Country	Phone Number	Fax Number
Singapore	1-800-375-8100	(65) 836-0252
Malaysia	1-800-828-848	1-800-801664
Philippines	(632) 8426802 1-800-16510170 (PLDT Subscriber Only)	(632) 8426809 1-800-16510288 (PLDT Subscriber Only)
Thailand	(088) 226-008 (outside Bangkok) (662) 661-3999 (within Bangkok)	(66) 1-661-3714
Hong Kong	800-930-871	(852) 2506 9233
Taiwan	0800-047-866	(886) 2 25456723
People's Republic of China	800-810-0189 (preferred) 10800-650-0021	10800-650-0121
India	1-600-11-2929	000-800-650-1101