

# Installation Note

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



Part Number E4406-90265 Supersedes: E4406-90221

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E4406-90265

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## Description

The measurement personality retrofit kit allows you to add measurement personalities to your E4406A VSA 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	changes periodically	Firmware update kit using LAN
2	---	Option Upgrade Entitlement Certificate
3	changes periodically	Personality guides
4	changes periodically	Specifications guide
5	this note	Installation note Agilent Technologies E4406A Transmitter Tester Measurement Personality Retrofit Kit

## Equipment Required

- Microsoft Windows®<sup>1</sup> 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”)
- LAN cross-over cable, or LAN cable connected to Local Area Network, or LAN hub that the personal computer is connected to.

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

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## 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. Obtaining a License Key and Activating the Option

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**NOTE** The entitlement certificate supplied in this kit allows you to obtain a license key from our Agilent website so you can enable this upgrade option. Once you have retrieved the license key, you can begin the process of activating the option.

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- A. Press: **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 you received from Agilent.
- E. Check the license key you have entered.
- F. Press the **Done** key.
- G. Press: **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.
- H. Turn off the instrument by setting the power switch to Standby (0).

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

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### Step 3. 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.

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## 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, check that you entered the hexadecimal license key correctly. If it is not correct, re-enter the license key See [step 2](#). (If **Bad** does not appear, proceed to the next step.)

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

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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.

Visit the Agilent website to obtain the latest firmware upgrade information and the latest revision:

[http://www.agilent.com/find/sa\\_upgrades](http://www.agilent.com/find/sa_upgrades)

4. Contact your nearest Agilent Technologies Sales and Service Office for assistance (see page 6). 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.

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