

Installation Note

Option 010 Time Domain Upgrade Kit

For PNA Series Network Analyzers (E8356A, E8357A, and E8358A)

Network Analyzer Model Number	Applicable Upgrade Kit Model Number
E8356A	E8356AU Option 010
E8357A	E8357AU Option 010
E8358A	E8358AU Option 010



Agilent Part Number: E8356-90022

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Time Domain Upgrade Kit

Products Affected:	E8356A and all Options E8357A and all Options E8358A and all Options
To Be Performed By:	Agilent Service Center, Personnel Qualified by Agilent, or Customer
Estimated Installation and Verification Time:	5 minutes

Description of the Upgrade Kit

This Option 010 upgrade kit provides the network analyzer with time domain operation. The upgrade kit is keyed to the serial number of a specific network analyzer and cannot be used to upgrade any other analyzer.

Items Included in the Upgrade Kit

[Table 1](#) lists the parts included in this upgrade kit, Agilent part number E8356-60101. Check the contents of your kit against this list.

Table 1 Contents of Option 010 Upgrade Kit (E8356-60101)

Quantity	Description	Part Number
1	Installation note (this document)	E8356-90022
1	License key certificate	5964-5136
1	Cover letter	5964-5139

Installation Procedure for the Upgrade Kit

Installation Requirements

- The network analyzer must be in proper working condition prior to installing this option. Any necessary repairs must be made before proceeding with this installation.
- This installation does not require removal of the analyzer's protective outer covers.
- The analyzer must be powered up and operating to perform this installation. The Network Analyzer program must be running.
- This installation requires that a keyboard be connected to the network analyzer. A mouse is not required but is recommended.

Verify the Serial and Option Numbers

Refer to the License Key Certificate supplied with the kit:

- Verify that the analyzer's serial number matches the serial number on the certificate.
- Verify that the option number on the certificate matches the option number for this installation note.

If either the serial number or the option number does not match the expected results, you will not be able to install the option. If this is the case, contact the nearest Agilent sales or service office for assistance. Refer to [Table 2, "Agilent Sales and Service Offices."](#)

Enable Option 010

Mouse Procedure

1. On the analyzer's **System** menu, point to **Service**, and then click **Option Enable**.
2. In the **Select Desired Option** list, click **010 - Time Domain**.
3. Using the keyboard, enter the keyword in the box provided. The keyword is printed on the License Key Certificate. Enter this keyword *exactly* as it is printed on the certificate.
4. Click **Install**.
5. When the installation is complete, click **Exit**.

Front Panel Keys Procedure

1. In the **COMMAND** block, press **Menu/Dialog**.
2. In the **NAVIGATION** block, press the Right Tab and Arrows to move over to the **System** menu and down to the **Service** selection. Press the Right Tab to display the extended menu and the Arrows to select **Option Enable**. Press **Click**.
3. Tab to the **Select Desired Option** list, and press Arrows to select **010 - Time Domain**.
4. Using the keyboard, enter the keyword in the box provided. The keyword is printed on the License Key Certificate. Enter this keyword *exactly* as it is printed on the certificate.
5. Tab to **Install**. Press **Click**.
6. When the installation is complete, Tab to **Exit**. Press **Click**.

Verify That Option 010 is Enabled

Mouse Procedure

1. On the analyzer's **Help** menu, click **About Network Analyzer**.
2. Verify that "010" is listed after "Options:" in the display. Click **OK**.
3. On the analyzer's **Trace** menu, verify that the **Transform** menu item is present. This is an indication that Option 010 is enabled.

NOTE If Option 010 has not been enabled, perform this installation procedure again. If the option is still not enabled, contact the nearest Agilent sales or service office listed in [Table 2 on page 6](#)

Front Panel Keys Procedure

1. In the **COMMAND** block, press **Menu/Dialog**.
2. In the **NAVIGATION** block, press the Right Tab and Arrows to move over to the **Help** menu, and down to the **About Network Analyzer** selection. Press **Click**.
3. Verify that "010" is listed after "Options:" in the display. Tab to **OK**. Press **Click**.
4. In the **COMMAND** block, press **Menu/Dialog**.
5. In the **NAVIGATION** block, press the Right Tab and Arrows to move over to the **Trace** menu. Verify that the **Transform** menu item is present. This is an indication that Option 010 is enabled.

NOTE If Option 010 has not been enabled, perform this installation procedure again. If the option is still not enabled, contact the nearest Agilent sales or service office listed in [Table 2 on page 6](#).

Getting Assistance from Agilent

To get assistance from Agilent, contact the nearest sales or service office listed below.

Table 2 Agilent Sales and Service Offices

UNITED STATES		
Instrument Support Center Agilent Technologies (800) 403-0801		
EUROPEAN FIELD OPERATIONS		
Headquarters Agilent Technologies S.A. 150, Route du Nant-d'Avril 1217 Meyrin 2/ Geneva Switzerland (41 22) 780.8111	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	Germany Agilent Technologies GmbH Agilent Technologies Strasse 61352 Bad Homburg v.d.H Germany (49 6172) 16-0
Great Britain Agilent Technologies Ltd. Eskdale Road, Winnersh Triangle Wokingham, Berkshire RG41 5DZ England (44 118) 9696622		
INTERCON FIELD OPERATIONS		
Headquarters Agilent Technologies 3495 Deer Creek Rd. Palo Alto, CA 94304-1316 USA (415) 857-5027	Australia Agilent Technologies Australia Ltd. 31-41 Joseph Street Blackburn, Victoria 3130 (61 3) 895-2895	Canada Agilent Technologies (Canada) Ltd. 17500 South Service Road Trans-Canada Highway Kirkland, Quebec H9J 2X8 Canada (514) 697-4232
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	Singapore Agilent Technologies Singapore (Pte.) Ltd. 150 Beach Road #29-00 Gateway West Singapore 0718 (65) 291-9088	Taiwan Agilent Technologies Taiwan 8th Floor, H-P Building 337 Fu Hsing North Road Taipei, Taiwan (886 2) 712-0404
China China Agilent Technologies 38 Bei San Huan X1 Road Shuang Yu Shu Hai Dian District Beijing, China (86 1) 256-6888		