Installation Note

Option 099 Firmware Upgrade Kit

For Agilent 8753E, 8753ET, and 8753ES Network Analyzers

Network Analyzer Model Number	Applicable Upgrade Kit Model Number
8753E	8753EU Option 099
8753ET	8753ETU Option 099
8753ES	8753ESU Option 099

Agilent Technologies

Firmware Upgrade Kit

Products Affected:	8753E and 8753E Option 011 8753ET 8753ES and 8753ES Option 011
Serial Numbers:	All
To Be Performed By:	Agilent Service Center, Personnel Qualified by Agilent, or Customer
Estimated Installation Time:	5 minutes

Purpose

This Option 099 upgrade kit provides the network analyzer with updated firmware.

Items Included in the Kit

Table 1 lists the parts included in the 8753EU Option 099 upgrade kit. Table 2 lists the parts included in the 8753ETU Option 099 and 8753ESU Option 099 upgrade kit. Check the contents of your upgrade kit against the appropriate table.

Table 1   **8753EU Option 099 Upgrade Kit Contents**

Quantity	Description	Part Number
1	Installation Note	08753-90437
1	User's Guide Supplement	08753-90445
1	Documentation Set Supplement	08753-90534
1	Firmware Disk	08753-10036

Table 2   **8753ETU Option 099 and 8753ESU Option 099 Upgrade Kit Contents**

Quantity	Description	Part Number
1	Installation Note	08753-90437
1	Documentation Set Supplement	08753-90534
1	Firmware Disk for 8753ET	08753-10041
1	Firmware Disk for 8753ES	08753-10042

Conventions

This installation note uses the following conventions for front-panel keys and softkeys. $\boxed{\text{Front-Panel Key}}$ represents a key physically located on the instrument. **SOFTKEY** represents a "softkey," a key whose label is determined by the instrument's firmware.

Firmware Installation Procedure

CAUTION   Loading firmware will clear all internal memory. Perform the following steps to save any instrument states that are stored in internal memory to a floppy disk:

1. Press (Save/Recall) **SELECT DISK**   **INTERNAL MEMORY**   **RETURN** .

2. Select an instrument state and press **RECALL STATE** .

3. Press (Save/Recall) **SELECT DISK**   **INTERNAL DISK**   **RETURN**   **SAVE STATE** .

4. If the instrument state file was not saved to disk with the same name that it had while in internal memory, you may wish to rename the file.

Press **FILE UTILITIES**   **RENAME FILE** , enter the desired name, and press **DONE** .

5. Repeat steps 1 through 4 for each instrument state that you wish to save.

Loading Firmware into an Existing CPU

The network analyzer must be in proper working condition prior to installing this firmware upgrade. Any necessary repairs must be made before proceeding with this installation.

1. Turn off the network analyzer.

2. Insert the firmware disk into the instrument's disk drive.

3. Turn the instrument on. The firmware will load automatically during power-up. The front panel LEDs should step through a sequence for approximately one minute as the firmware is loaded. The display will be blank during this time.

4. After the firmware successfully loads, the LEDs for Channel 1 and Port 1 will remain on and the display will indicate the version of firmware loaded.

In Case of Difficulty

If the firmware did not load successfully, LED patterns on the front panel can help you isolate the problem.

❏ If the following LED pattern is present on the instrument's front panel, the firmware disk is not for use with your instrument model.

Front Panel LED Pattern					
CH 1	CH 2	R	L	T	S
•	•				

❏ If any of the following LED patterns are present on the instrument's front panel, the firmware disk may be defective.

Front Panel LED Pattern					
CH 1	CH 2	R	L	T	S
		•			
	•	•			
•		•			
•	•	•			
			•		
	•		•		
•			•		
•	•		•		
		•	•		
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		•			•
	•	•			•

❏ If any other LED pattern is present, the CPU board is defective.

❏ For additional assistance, contact your nearest Agilent Technologies sales or service office. Refer to Table 3 for a list of sales and service offices.

Table 3   Agilent Technologies Sales and Service Offices

UNITED STATES
Instrument Support Center Agilent Technologies Company (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 Company 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 Co. 38 Bei San Huan X1 Road Shuang Yu Shu Hai Dian District Beijing, China (86 1) 256-6888		