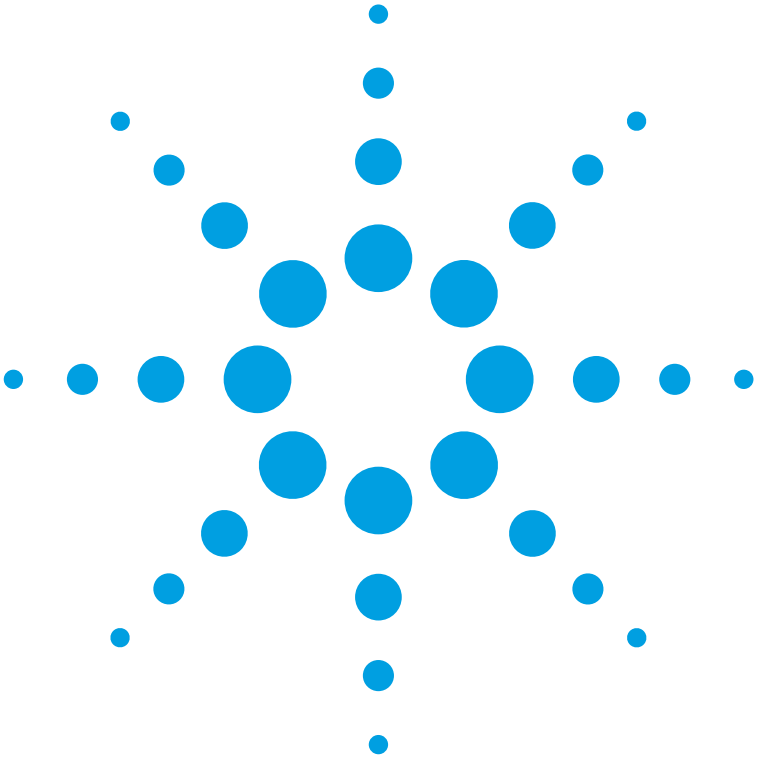
Agilent 54754A
Option 001
Installation Note



Agilent Technologies

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Manual Part Number

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CAUTION

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Warning denotes a hazard. It calls attention to a procedure which, if not correctly performed or adhered to, could result in injury or loss of life. Do not proceed beyond a warning sign until the indicated conditions are fully understood and met.

Description and New Features

The Option 001 gives the 83480A mainframe the ability to use the 83484A/B, 83481A, 83485A/B, and 54752A/B plug-in modules purchased separately. Before you can use an 54753A or an 54754A plug-in module, you must purchase and install the 54755A system firmware upgrade. A new feature is available after installing the Option 001, Variable Bandwidth Limit. The variable bandwidth limit filter is a fourth order lowpass Bessel filter. The variable bandwidth limit function is located in the waveform math menu.

Installation Instructions

Use the following instructions to install the Agilent 54754A Option 001 system firmware.

1. Insert the Option 001 disk in the floppy disk drive.
2. Press the SYSTEM Utility front panel key.
3. Press the System config ...softkey.
4. Press the Update system firmware softkey.
5. Press the Continue softkey.
6. Wait for the installation to complete.
7. Remove the disk from the floppy disk drive.

Check the Utility Service menu to see if any of the plug-in modules in the mainframe require initialization and calibration by performing the following steps.

NOTE It is NOT necessary to initialize optical plug-ins such as the 83481A and the 83485A/B.

1. Press the SYSTEM Utility front panel key.
2. Press the Service softkey.

In the bottom portion of the display is a section labeled Plug-ins. In this section, all plug-in modules in the mainframe are identified. If any of thes plug-in modules has known as their Model number, then these plug-in modules must be initialized and calibrated as follows.

CAUTION Do NOT initialize a plug-in that has an optical input. Initializing an optical plug-in will erase the optical calibration and the plug-in will have to be returned for recalibration.

1. Press the Plug-in ...softkey.
2. Press the Plug-in softkey to select the number of the plug-in to be initialized.
3. Press the Initialize plug-in memory softkey.
4. Press the SYSTEM Utility front panel key.
5. Press the Calibrate ...softkey
6. Press the Calibrate plug-in ...softkey.
7. Press the Plug-in softkey to select the plug-in to be calibrated.
8. Press the Start cal softkey and follow the directions that will appear on the top line of the display.

Contacting Agilent

Call the Agilent Technologies Contact Center at (800) 829-4444, visit the Web for Online assistance: `www.agilent.com/find/assist`, or call one of the numbers listed below.

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