Keysight X-Series Signal Analyzers, N9048B PXE EMI Receiver N9038B MXE EMI Receiver, Multi-Touch

Option SF1
Security Features,
Exclude Launching Programs

KEYSIGHT
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Installation Note

Notices

Option SF1, Security Features, Exclude Launching Programs

Products Affected:	N9000B CXA Signal Analyzer
	N9010B EXA Signal Analyzer
	N9020B MXA Signal Analyzer
	N9021B MXA Signal Analyzer
	N9030B PXA Signal Analyzer
	N9032B PXA Signal Analyzer
	N9038B MXE EMI Receiver
	N9040B UXA Signal Analyzer
	N9041B UXA Signal Analyzer
	N9042B UXA Signal Analyzer
	N9048B PXE EMI Receiver
Serial Numbers:	All
To Be Performed By:	(X) Keysight Service Center
	(X) Personnel Qualified by Keysight
	(X) Customer
Estimated Installation Time:	1.0 Hours
Estimated Adjustment and Verification Time:	0 Hours

Introduction

This installation note explains how to install option SF1 on an X-Series analyzer or MXE EMI Receiver, Multi-Touch, or PXE EMI receiver. Option SF1 is a license key-enabled option that addresses the requirements of security-conscious users. Installing Option SF1 in the instrument causes changes to available functionality in certain menus, and suppression of certain SCPI commands, to prevent the launching of Windows programs from the instrument application. This reduces the instrument's vulnerability to the effects of unauthorized or undesirable third-party programs or scripts.

NOTE

1. The latest revision of the X-Series signal analyzer software may be downloaded from:

   http://www.keysight.com/find/Xseries_software.

2. This option is licensed for one instrument model/serial number combination. The license key will only install on the designated instrument.

Option SF1, Security Features, Exclude Launching Programs

Contents

Quantity	Description	Part Number
1	Installation Note	This note
1	Option Upgrade Entitlement Certificate	-----

Tools Required

— Personal computer with internet access and USB port

— USB storage device with >2GB free memory
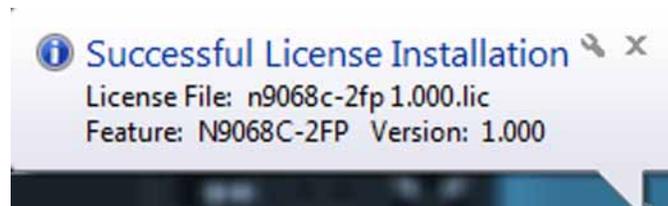
License Installation Procedure over USB

1. Locate the Option Upgrade Entitlement Certificate from the kit.

2. Redeem the Option Upgrade Entitlement Certificate by following the instructions on the Certificate.

3. After redeeming your Option Upgrade Entitlement Certificate you will receive an email with an attached License File.

4. Locate a USB storage device. Perform a virus scan on this device before use.

5. Save the License File to the root directory of the USB Storage Device.

6. Connect the USB Storage Device to the signal analyzer USB port. Windows will detect the new hardware and may display the configuration menu shown in Figure 1. This menu may be configured according to your preferences.

   Figure 1   USB Storage Device Configuration Menu

7. The signal analyzer will automatically consume the License File. (This may take a few minutes) When the License File is consumed the Keysight License Manager will display a "Successful License Installation" message similar to the one shown in Figure 2.

   Figure 2   Successful License Installation

Alternate Installation Procedure

The License File can be manually installed over USB or LAN by placing the license file in the following folder on the signal analyzer:

C:\Program Files\Agilent\licensing

Verify the Installation and Instrument Software Version

1. Cycle power on the signal analyzer and wait until the analyzer boots to the measurement application screen.

2. Press **System**, **Show System** to display a list of installed options.

3. Verify that the installed option list contains N90xxB-SF1 (where "xx" is 00, 10, 20, 21, 30, 40, 41, or 42, depending on the model number), or contains N9038B-SF1 for the MXE EMI receiver, or N9048B-SF1 for the PXE EMI receiver.

4. Press the front panel **System** key. Assure that in the System menu, the selections for Control Panel..., and Licensing..., and the icon for web browser are not available.

Utilities, Adjustments, and Performance Verification Tests

Utilities Required

None

Adjustments Required

None

Performance Testing Required

None

For assistance, contact your nearest Keysight Technologies Sales and Service Office. To find your local Keysight office access the following URL, or if in the United States, call the following telephone number:

http://www.keysight.com/find/assist

1-800-829-4444 (8 am - 8 pm ET, Monday - Friday)

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