

# Keysight X-Series Signal Analyzers

## Option EMC - EMC Basic Functionality

Notice: This document contains references to Agilent. Please note that Agilent's Test and Measurement business has become Keysight Technologies. For more information, go to [www.keysight.com](http://www.keysight.com).

### Installation Note

Part Number: N9030-90039

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## Option EMC - EMC Basic Functionality Installation Kit

Products Affected:	CXA N9000A EXA N9010A MXA N9020A PXA N9030A UXA N9040B
Serial Numbers:	All
To Be Performed By:	(X) Keysight Service Center (X) Personnel Qualified by Keysight (X) Customer
Estimated Installation Time:	0.5 Hours
Estimated Adjustment and Verification Time:	0. Hours

### Introduction

This kit contains all of the instructions required to install Option EMC on an X-Series Signal Analyzers. No tools are required.

### NOTE

1. The signal analyzer being upgraded with this option must have software version A.02.00 or newer. To verify that the current version meets this requirement, press **System, Show, System** and look for the "Instrument S/W Revision".

The latest revision of the X-Series Signal Analyzers software may be downloaded from

[http://www.keysight.com/find/xseries\\_software](http://www.keysight.com/find/xseries_software).

If a software update is required, you **MUST** follow the procedure in this document for redeeming and installing of the option upgrade license key **BEFORE** attempting the software update.

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

## Contents

Quantity	Description	Part Number
1	Installation Note	This note
1	Option Upgrade Entitlement Certificate	5964-5178

## Tools Required

- Personal computer with internet access and USB port
- USB storage device with > 2 GB free memory

## Installation Procedure over USB

1. Locate the Option Upgrade Entitlement Certificate (5964-5178) 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 as 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. Press **System, Show, System** to display a list of installed options.
2. Verify that the newly installed option number appears on the list.
3. Verify that the “Instrument S/W Revision” meets the requirements outlined on page 3 of this document.

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## 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)