
Keysight N9042B Signal Analyzer

Option EDC External Digitizer Control

Notices

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Option EDC Upgrade

Products Affected:	N9042B UXA Signal Analyzer
Serial Numbers:	All
Options Required:	N9042B-CRW, Wide IF Out
To Be Performed By:	(X) Keysight Service Center (X) Advanced User (X) User
Estimated Installation Time:	0.5 Hours

Option EDC Upgrade

Introduction

Option EDC, External Digitizer Control allows the front panel Wide IF Out (Option CRW) to be used with a digitizer.

This installation note provides instructions for licensing Option EDC on the N9042B. No instructions are provided on the configuration and use of the digitizer.

Requirements

- Instrument software revision must be A.33.05 or later
- Option CRW, Wide IF Out, must be installed (licensed). All N9042B instruments ship with the Wide IF Out connector on the front panel, but Option CRW must be licensed before the Wide IF Out connector will function.

NOTE

1. The latest revision of the X-Series signal analyzer software may be downloaded from:
https://www.keysight.com/find/n9042b_software
 2. This option is licensed for one instrument model/serial number combination. The license key will only install on the designated instrument.
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Contents

Quantity	Description
1	Installation Note
1	Option Upgrade Entitlement Certificate

Tools Required for Installation

- Personal computer with internet access and USB port
- USB storage device

Installation Procedure

Analyzer Information

1. Connect a power cord to the analyzer and turn on the analyzer.
2. After the analyzer has completed turning on, press **System, Show System**. Make note of the following information from the Show System screen:

Product Number _____

Instrument S/W Revision _____

3. Check for the presence of the options listed below in the Show System screen. Put a check mark after each option listed below that appears in the show System menu.

N9042B-CRW _____

4. Refer to the data in **step 2** above. Verify that the Product Number in **step 2** is appropriate for the upgrade being installed:

Kit to be Installed	Product Number (Step 2)
N9042BU-EDC	N9042B

If the Product Number in **step 2** is not appropriate for the Option EDC upgrade, **do not proceed** with the installation.

5. Refer to the data in **step 2** above. If the instrument software is earlier than A.33.05, you must upgrade to version A.30.06 or later. Keysight recommends that you update to the latest instrument software version to ensure that you have the latest defect fixes. To check the latest instrument software version, visit the following website:

https://www.keysight.com/find/n9042b_software

6. Refer to the data in **step 3** above.

Verify that N9042B-CRW is checked (currently installed).

If N9042B-CRW is not installed, do not proceed with the installation of this kit.

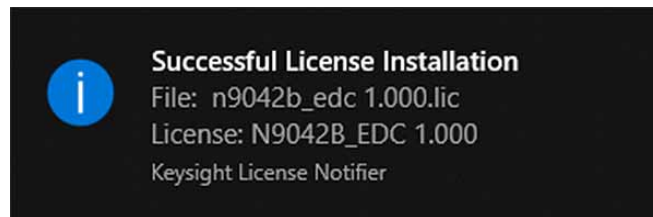
For information on how to order Option CRW refer to the N9042B upgrade page at:

https://www.keysight.com/find/n9042b_upgrades

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.
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 1**.

Figure 1 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

1. Cycle the power on the signal analyzer.
2. Press **System, Show System** to display a list of installed options.
3. Verify that the newly installed option, N9042B-EDC, External Digitizer Control, appears on the list.
4. Verify that Option N9042B-CRW also appears. this assures Option CRW is installed since Option EDC requires Option CRW.

For assistance, contact your nearest Keysight Technologies Sales and Service Office. To find your local Keysight office access the following URL:

<https://www.keysight.com/find/assist>



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