

# Keysight UXA Signal Analyzers

Option FT1 and FT2 -  
Frequency Mask Trigger

# Notices

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## **Manual Part Number**

N9040-90027

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## Option FT1 and FT2 - Frequency Mask Trigger Installation Kit

Products Affected:	N9040B UXA Signal Analyzer N9041B UXA Signal Analyzer
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 the instructions to install either Option FT1 or Option FT2 on a Keysight UXA Signal Analyzer. FT1 or FT2 is supported by the N9067C Pulse application and the 89600 VSA application.

#### NOTE

1. The signal analyzer being upgraded must have one of the wide bandwidth options listed below already installed. To verify that one of these options is present, press **System, Show System**, and look under "Options" for the presence of the options listed.
    - Must have N9040B-B2X, or N9040B-B5X, or N9041B-H1G
  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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## Option FT1 and FT2 - Frequency Mask Trigger Installation Kit

### Contents

Quantity	Description	Keysight 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

## Installation Procedure

### License Installation 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



## Option FT1 and FT2 - Frequency Mask Trigger Installation Kit

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 License Installation and Instrument Software Version

1. Cycle power on the signal analyzer.
2. Press **System, Show System** to display a list of installed options.
3. Verify that the newly installed option number (N904xB-FT1 or N904xB-FT2) appears on the list.

## 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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