

# Instructions



## RSA6100A Series Real-Time Spectrum Analyzers

### Phase Noise and Jitter Measurement (Option 11) Upgrade

**071-2558-00**

#### **Warning**

The servicing instructions are for use by qualified personnel only. To avoid personal injury, do not perform any servicing unless you are qualified to do so. Refer to all safety summaries prior to performing service.

**[www.tektronix.com](http://www.tektronix.com)**



071255800

Copyright © Tektronix. All rights reserved. Licensed software products are owned by Tektronix or its subsidiaries or suppliers, and are protected by national copyright laws and international treaty provisions.

Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supercedes that in all previously published material. Specifications and price change privileges reserved.

TEKTRONIX and TEK are registered trademarks of Tektronix, Inc.

## **Contacting Tektronix**

Tektronix, Inc.  
14200 SW Karl Braun Drive  
P.O. Box 500  
Beaverton, OR 97077  
USA

For product information, sales, service, and technical support:

- In North America, call 1-800-833-9200.
- Worldwide, visit [www.tektronix.com](http://www.tektronix.com) to find contacts in your area.

# Kit Description

This kit describes the installation of the Phase Noise and Jitter Measurement Upgrade (Option 11) in an RSA6100A Series Real-Time Spectrum Analyzer.

## Products

**RSA6100A Series** All Serial Numbers.

## Kit Parts List

Quantity	Part number	Description
1 ea	071-2558-00	MANUAL, TECH: INSTALLATION, RSA6UP, OPT11
1 ea	NS	DATA SHEET; SOFTWARE OPTION KEY AUTHORIZATION CERTIFICATE, UPGRADE KITS
1 ea	NS	LABEL, MANUFACTURED; OPTION KEY UPGRADE LABEL 2.100 X 2.700, SAFETY CONTROLLED

**NS Not Saleable**



# Installation Instructions

The software that takes Phase Noise and Jitter measurements is included in all spectrum analyzers running application software version 1.3.x or higher. However, you need an option installation key to activate it. To activate the Phase Noise and Jitter Measurement capability, you must enter the new option installation key supplied with this kit into the spectrum analyzer application. If your spectrum analyzer is running an earlier version of the application software, you will have to download and install the latest software before you can enter the option key that enables the Phase Noise and Jitter measurements.

## Updating the Instrument Application Software

Select **Help > About..** from the spectrum analyzer software menu bar to check the version of your spectrum analyzer's software. The software version appears at the top-right corner of the About box. If your spectrum analyzer is not running version 1.3.x or later software, you must download and install the latest version of the application software. If your spectrum analyzer is running version 1.3.x or later software, proceed to *Install Option Key*.

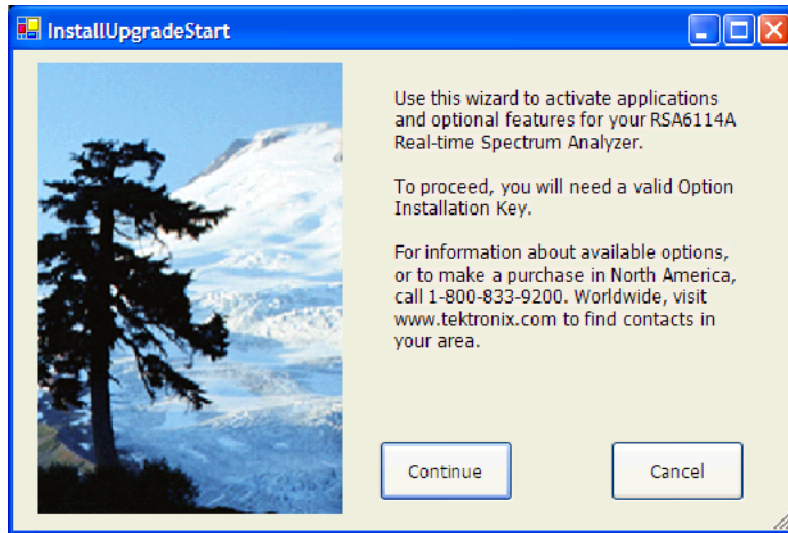
To install the latest version of the spectrum analyzer application software:

1. Use your Web browser to go to: **www.tektronix.com/software**.
2. Enter your instrument model number in the **Search by keyword** text box and click **Go**.
3. Follow the link for the **RSA6100A Series Software** and download the software.
4. Follow the instructions on the Web page to install the software.

## Install Option Key

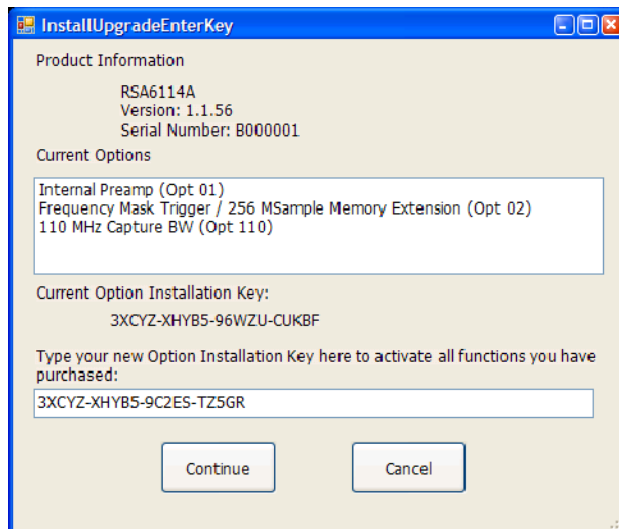
To activate the Phase Noise and Jitter Measurement option:

1. In the spectrum analyzer application, select **Tools > Install Upgrades**. The Install Upgrade wizard starts, as shown in Figure 1. Click **Continue**.



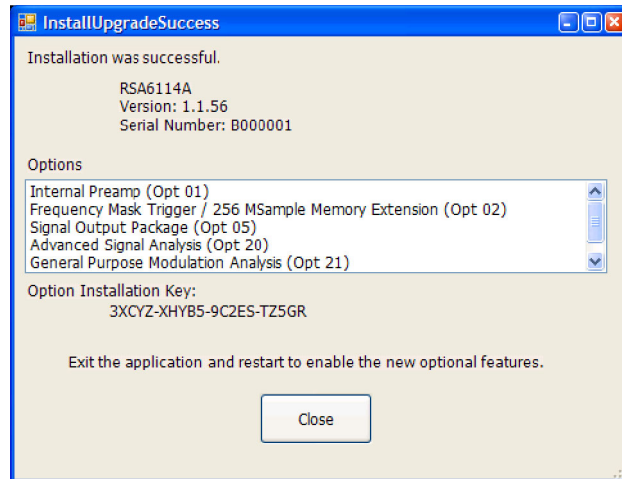
**Figure 1: Starting the option upgrade**

2. The Install Upgrade Enter Key screen appears (see Figure 2).



**Figure 2: Entering the option installation key**

3. Type the option installation key into the empty text box and click **Continue**. An Installation Success dialog box opens, as shown in Figure 3.



**Figure 3: Upgrade success notification**

4. Click **Close**. Exit and restart the RSA6100A application to enable the new feature.
5. Press the **Displays** button on the RSA6100A.
6. In the **Folders** panel, select the **RF Measurements** folder.
7. In the **Available displays panel**, verify that you can select the **Phase Noise** measurement.

This completes the installation of the Option Installation Key.

## Installing the Option Key Label

Place the new option key label over the existing label on the instrument rear panel.

This completes the installation of the Phase Noise and Jitter Measurement (Option 11) upgrade kit.

■ End of document ■

