

**RSA6100A Series Real-Time Spectrum Analyzers and  
RSA5100A Series Real-Time Signal Analyzers  
Option 11 Phase Noise and Jitter Measurement Upgrade  
Instructions**

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



071-2853-00

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# Kit Description

This kit describes the installation of the Option 11 Phase Noise and Jitter Measurement Upgrade in an RSA6100A Series and RSA5100A Series instruments.

## Products

**RSA6100A Series.** All serial numbers

**RSA5100A Series.** All serial numbers

## Kit Parts List

Quantity	Part number	Description
1 ea	071-2853-00	MANUAL, TECH: INSTALLATION, RSA5K/6K PHASE NOISE AND JITTER MEASUREMENT
1 ea	NS <sup>1</sup>	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

<sup>1</sup> NS — Not saleable

## Installation Instructions

The software that takes Phase Noise and Jitter measurements is included in all 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 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 analyzer software menu bar to check the version of your analyzer's software. The software version appears at the top-right corner of the About box. If your analyzer is not running version 2.5.0080 or later software, you must download and install the latest version of the application software. If your analyzer is running version 2.5.0080 or later software, proceed to Install Option Key.

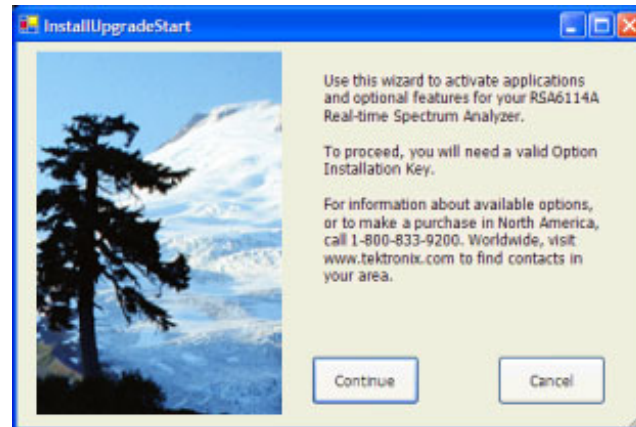
To install the latest version of the analyzer application software:

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 analyzer software and download the software.
4. Follow the instructions on the Web page to install the software.

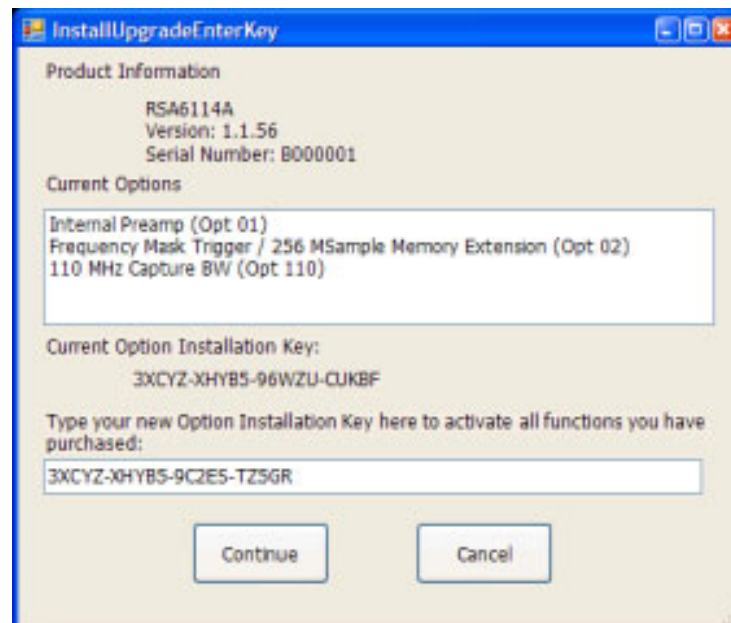
## Install Option Key

To activate the Phase Noise and Jitter Measurement option:

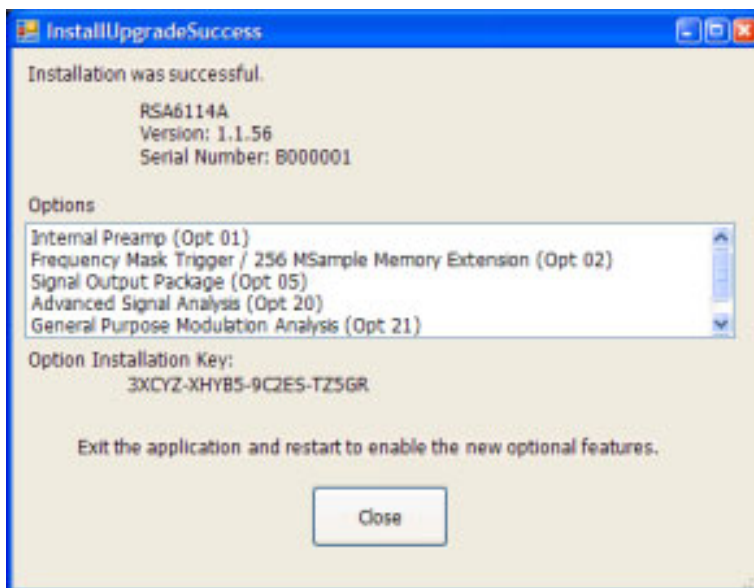
1. In the spectrum analyzer application, select **Tools > Install Upgrades**. The Install Upgrade wizard will start. Click **Continue**.



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



3. Type the option installation key into the empty text box and click **Continue**. An **Install Upgrade Success** dialog box opens.



4. Click **Close**. Exit and restart the analyzer application to enable the new feature.
5. In the Help menu, select About Tektronix Real-Time Analyzer.
6. Look in the **Installed Options** listing and verify that **Phase Noise and Jitter Measurement (Opt 11)** appears in the listing.

## 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 ■