

Release Notes

Tektronix

**RSAVu
Offline Analysis Software**

071-1886-00

www.tektronix.com



071188600

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- In North America, call 1-800-833-9200.
- Worldwide, visit www.tektronix.com to find contacts in your area.

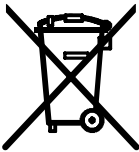
Environmental Considerations

This section provides information about the environmental impact of the product.

Product End-of-Life Handling

Observe the following guidelines when recycling an instrument or component:

Equipment Recycling. Production of this equipment required the extraction and use of natural resources. The equipment may contain substances that could be harmful to the environment or human health if improperly handled at the product's end of life. In order to avoid release of such substances into the environment and to reduce the use of natural resources, we encourage you to recycle this product in an appropriate system that will ensure that most of the materials are reused or recycled appropriately.



The symbol shown to the left indicates that this product complies with the European Union's requirements according to Directive 2002/96/EC on waste electrical and electronic equipment (WEEE). For information about recycling options, check the Support/Service section of the Tektronix Web site (www.tektronix.com).

Restriction of Hazardous Substances

This product has been classified as Monitoring and Control equipment, and is outside the scope of the 2002/95/EC RoHS Directive. This product is known to contain lead.

Release Notes

This document describes how to acquire, install and set up the RSAVu software.

What is the RSAVu Software?

The RSAVu software enables you to use a Windows-based PC to analyze “.iqt” waveform data files saved by Tektronix WCA230A/280A and RSA3303A/3308A/3408A spectrum analyzers. The software emulates WCA and RSA spectrum analyzers, allowing you to perform the same analysis on your PC that you can perform on the spectrum analyzer.

How to Get the Software

The RSAVu software is available free of charge on the Tektronix Web site, www.tektronix.com. For an additional fee, you can order a hardware key that enables additional analysis capabilities.

Free and Licensed Mode Differences

The software operates in two modes: free and licensed. In the free mode, you can perform waveform analysis equivalent to the base version (no optional software installed) of a WCA or RSA spectrum analyzer.

In the licensed mode, the software has the full analysis capability (defined by the installed options) available on the instrument to which it is tied. To operate the software in licensed mode, you must purchase a hardware key (attaches to a USB port). When you purchase the hardware key, you supply the serial number for the spectrum analyzer whose waveform data files you want to analyze on your PC. The hardware key is programmed to enable the same analysis functions in the RSAVu software that are available on the specified spectrum analyzer.

Required PC Configuration

To run the RSAVu software, you need a Windows-based PC with the following configuration:

- Pentium-compatible processors

NOTE. *If your instrument has Option 28, TD-SCDMA, installed, the licensed version supports the option only on PCs with Pentium III or higher processors.*

- Microsoft Windows 2000 or Windows XP
- 75 MB free hard-disk space for installation
- 1 free USB port (licensed version only)

Installing the Software

1. Download the RSAVu software from www.tektronix.com.
2. In the RSAVu software folder, double-click the **setup.exe** icon to launch the Install Wizard. Follow the on-screen instructions to install the software.
 - a. When the Install Wizard displays the Setup Type window, select the type of instrument that will be used to create the waveform data files that you will analyze with the RSAVu software.

NOTE. *The RSAVu software supports only one instrument type at a time. If you need to change the instrument type supported, you will have to reinstall the software.*

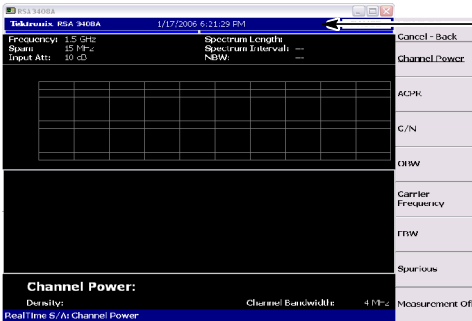
Installing the Hardware Key Driver

A hardware key is not required to use the RSAVu software. However, if you wish to use the full analysis capability of the software, you must order a hardware key. To order a hardware key, see www.tektronix.com. To use the hardware key, you must install a driver.

NOTE. *The RSAVu application software must be installed prior to installing the USB hardware key driver.*

To install the hardware key driver:

1. Insert the hardware key into a USB port on your PC.
2. When Windows displays the **Found New Hardware Wizard** window, select the **No, not at this time** option button and click the **Next** button.
3. Select the **Install the software automatically (Recommended)** option button and then click **Next**.
4. Click the **Finish** button to complete the installation of the hardware key.
5. Locate the TEK RTSA icon on the Windows desktop and double-click the icon to launch the RSAVu software.
6. Click the title bar to display the **Front Panel** window.



Click the title bar to display the front-panel window

7. In the **Front Panel** window click the **System** button.
8. Click the **Versions and Installed Options** side key.
9. Enter the serial number for the registered instrument in the Serial Number box.
10. Click the **Change Serial Number** side key to save the serial number registration.
11. Quit the application.

This completes the installation of the hardware key.

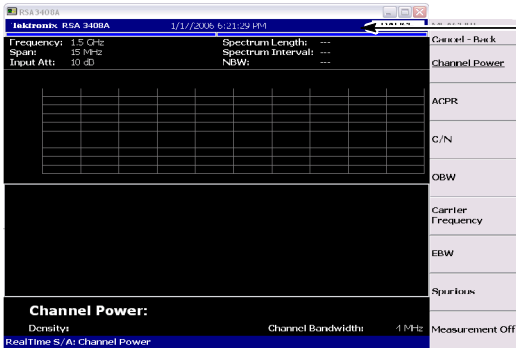
NOTE. If you upgrade the instrument to which the hardware key is registered (by purchasing an option upgrade), you will have to purchase a new hardware key for the RSAVu software to use the new option capabilities.

Running the Software

1. If you purchased a hardware key, install the hardware key in a USB port on your PC.

NOTE. Always install the hardware key in a USB port before launching the RSAVu software. The software checks for the hardware key only when it launches. If the hardware key is not present when the software launches, the full capabilities of the software will not be enabled.

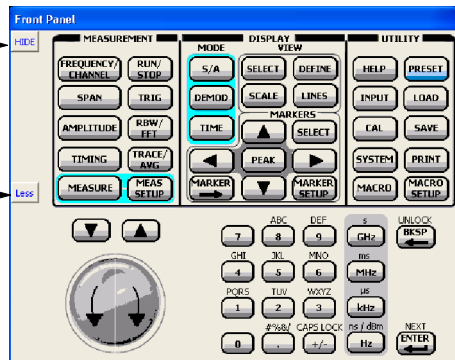
2. Locate the TEK RTSA icon on the Windows desktop and double-click the icon to launch the RSAVu software.



Click the title bar to display the front-panel window

Click to hide the front panel

Click to hide the lower half of the front panel



3. For information on how to use the software, see the instrument User Manual. The RSAVu software functions the same way as the instrument software.