



RIGOL TECHNOLOGIES, INC.

RIGOL Ultra Spectrum is PC software for RIGOL DSA1000 series and DSA800 series, to control the parameter configuration of the Spectrum Analyzer. It can be used for operation and processing of the data acquired from the Spectrum Analyzer.

Spectrum Analyzer

• Various marker setting functions

• Peak and valley detection

View history spectrum data
Amplitude correction data editing
SCPI Command List and Command Log

• Supports *.csv, *.jpg, *.png, *.bmp files

• Powerful trace display and operation functions

· Various advanced measurement functions



Main Features

Basic Mode

In the Basic Mode it is possible to control the Spectrum Analyzer remotely.

In addition various marker setting functions are available, like creating up to 20 markers and displaying the values of the markers in the marker table.

The following trace display functions stand by:

- Line (no bar)
- Vertical Bar
- Horizontal Bar

Marker Uolor 💳	☑ Allow Drag ☑ Show Value
Direct Child	
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Go to 🗧 45. 5167M	

Advanced Mode

In this mode, the Peak and Valley Detect function is available, so the software will search for peaks and valleys automatically.

The History Spectrum Data can be shown, and a 3D waterfall graph or intensity graph can be created.

Various advanced measurement functions stand by:

- Time Power
- Channel Power
- Adjacent Channel
- Occupied and Emission BW
- C/N Ration
- Harmonic Distortion
- 3rd Order Intermodu-
- lation Distortion
 - Pass/Fail Test

Product Overview

Ultra Spectrum is a software tool, that supports RIGOL DSA1000 and DSA800 series Spectrum Analyzer

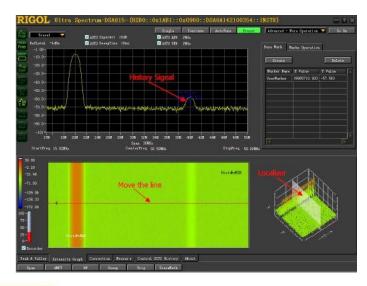
This software tool is compatible with Windows XP, Windows Vista and Windows 7 operating systems.

There are 2 working modes, the Basic Mode and the Advanced Mode Ultra Spectrum supports *.csv, *.jpg, *.png, *.bmp files.

Trace Name	Color	Operand	4
🗹 🛛 Peak	Color	Original	
🗹 Original	Color	Original	
🖉 Valley	Walker	Original	
📕 MaxHold	Color	Original	
📕 MinHold	Color	Original	┣
📕 Freeze	Color	Original	
📕 VideoAvg	Color	Original	1
💽 PowerAvg	Color	Original	
📕 Viracei	Color	Original	
🗾 VIrsce2	Color	Original	

There are also seven basic and twelve user defined trace operation functions:

- PeakValleyMax Hold
 - 4
- Min Hold
- Freeze
- Video Average
- Power Average



RIGOL

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