



## Ultra Spectrum Software DSA1000 and DSA800 series

- Supports RIGOL DSA1000 series and DSA800 series
- Control parameter configuration of the Spectrum Analyzer
- Operation and processing of the data acquired from the Spectrum Analyzer
- Supports \*.csv, \*.jpg, \*.png, \*.bmp files
- Various marker setting functions
- Powerful trace display and operation functions
- Peak and valley detection
- Various advanced measurement functions
- View history spectrum data
- Amplitude correction data editing
- SCPI Command List and Command Log

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.



## 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.

## 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



### 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.

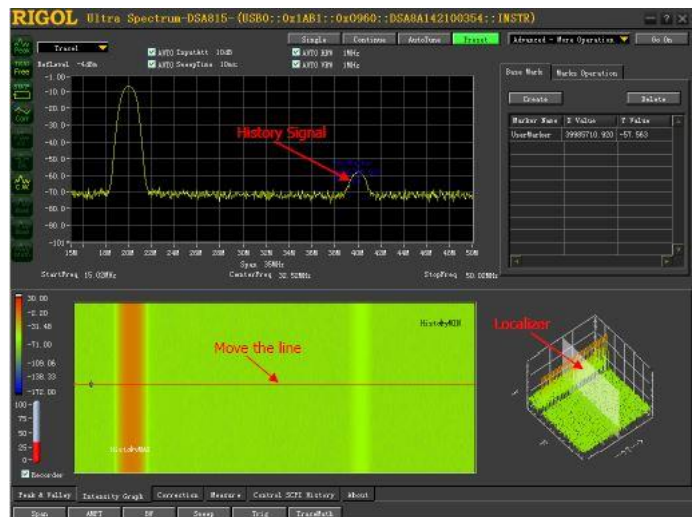
Various advanced measurement functions stand by:

- Time Power
- Channel Power
- Adjacent Channel
- Occupied and Emission BW
- C/N Ration
- Harmonic Distortion
- 3<sup>rd</sup> Order Intermodulation Distortion
- Pass/Fail Test

Trace Name	Color	Operand
<input checked="" type="checkbox"/> Peak	Color	Original
<input checked="" type="checkbox"/> Original	Color	Original
<input checked="" type="checkbox"/> Valley	Color	Original
<input type="checkbox"/> MaxHold	Color	Original
<input type="checkbox"/> MinHold	Color	Original
<input type="checkbox"/> Freeze	Color	Original
<input type="checkbox"/> VideoAvg	Color	Original
<input type="checkbox"/> PowerAvg	Color	Original
<input type="checkbox"/> UTrace1	Color	Original
<input type="checkbox"/> UTrace2	Color	Original

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

- Peak
- Valley
- Max Hold
- Min Hold
- Freeze
- Video Average
- Power Average



# RIGOL

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