

# History and release notes for the Rohde & Schwarz Handheld Spectrum Analyzers FSH3, FSH6

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FSH driver history		
Revision	Date	Note
1.3	04/2004	Modifications: - Added support for FSH6 (max frequency range up to 6 GHz) - Problem with precision of values fixed (loss of digits) Formatting functions uses for double values "%Lf" Scanning functions uses for double values "%Le"
1.2	02/2004	Release for FSH3 firmware version 6.0  Modifications: Modified functions: rsfsh_setLevelRange rsfsh_setResolutionBandwidth rsfsh_setFrequencyOffset  Added functions: rsfsh_getMeasuredCableLoss rsfsh_setTrackingGeneratorMode rsfsh_getTrackingGeneratorMode
1.1	11/2003	Release for FSH3 firmware version 5.0 Modifications:  Added functions: rsfsh_setAutoResolutionBandwidth rsfsh_getAutoResolutionBandwidth rsfsh_setAutoVideoBandwidth rsfsh_getAutoVideoBandwidth rsfsh_readComplexTraceData rsfsh_readComplexTraceDataASCII
1.0.1	07/2003	Modifications: For backward compatibility with <b>previous versions of VISA</b> library: - Macros VI_IO_IN_BUF_DISCARD, VI_IO_OUT_BUF_DISCARD are replaced with VI_ASRL_IN_BUF_DISCARD, VI_ASRL_OUT_BUF_DISCARD
1.0	06/2003	Created

## Getting Started

### Interface Configuration of the FSH

To set up the connection successfully, the interface parameters of the instrument and the computer must correspond to each other. The interface is set as follows:

Parity: none

Data bits: 8

Stop bits: 1

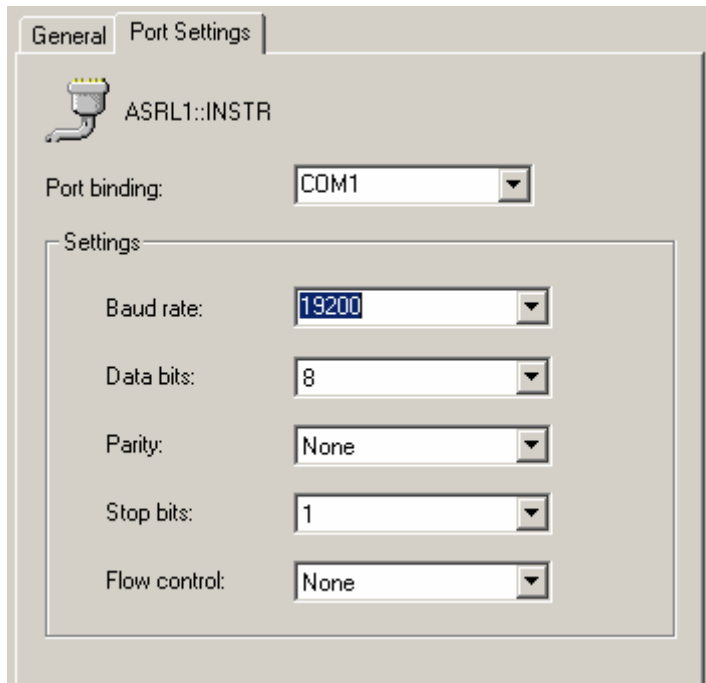
Start bits: 1

Protocol: None

The above settings are fixed except for the baud rate. The default baud rate setting is 19200 baud.

### NI VISA

Use the National Instruments Measurement & Automation Explorer to set the parameters.

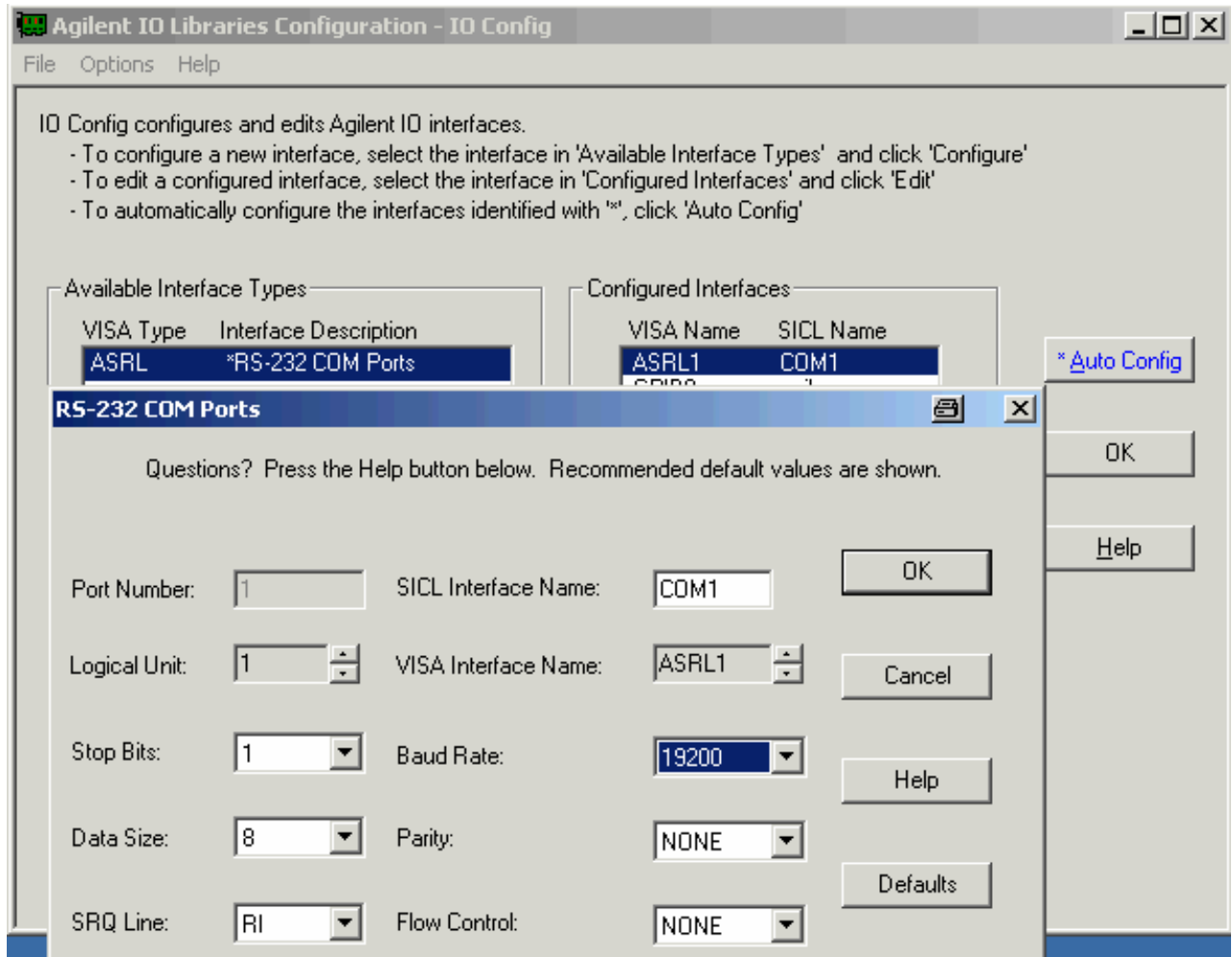


It is also possible to set the values with the viSetAttribute function.

## Agilent VISA

The IO Library M01.01 or higher is required.

Use the IO library to set the parameters.



It is also possible to set the values with the viSetAttribute function.

## **LabWindows/CVI**

### **Additional Help**

The LabWindows/CVI instrument driver consists of a ZIP archive containing the driver sources. In addition, the instrument driver documentation is also included in compressed HTML format (Windows CHM help file) and stored together with the driver sources.

## **VXIplug&play Instrument Driver for VEE, Visual Basic, Visual C++, Borland C++ etc.**

### **Additional Help**

In addition, the instrument driver documentation is also included in compressed HTML format (Windows CHM help file) and stored together with the driver sources in the ~\VXI\pnp\WinNT\rsfsh directory.

### **Additional Information**

For more information regarding the VXIPnP instrument drivers, please read the readme.txt file that comes with each driver.