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

Contents

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	01/2004	Release for FSH3 firmware version 6.0
		Modifications:
		Added VIs
		  Get Measured Cable Loss.vi
		  Set Tracking Generator Mode.vi
		  Get Tracking Generator Mode.vi
		Modified VIs:
		  Set Level Range.vi
		  Set Resolution Bandwidth.vi
		  Set Frequency Offset.vi

1.1	11/2003	Release for FSH3 firmware version 5.0 Modifications: Set Auto Resolution Bandwidth.vi Get Auto Resolution Bandwidth.vi Set Auto Video Bandwidth.vi Get Auto Video Bandwidth.vi Read Complex Trace Data.vi Read Complex Trace Data (ASCII).vi
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:
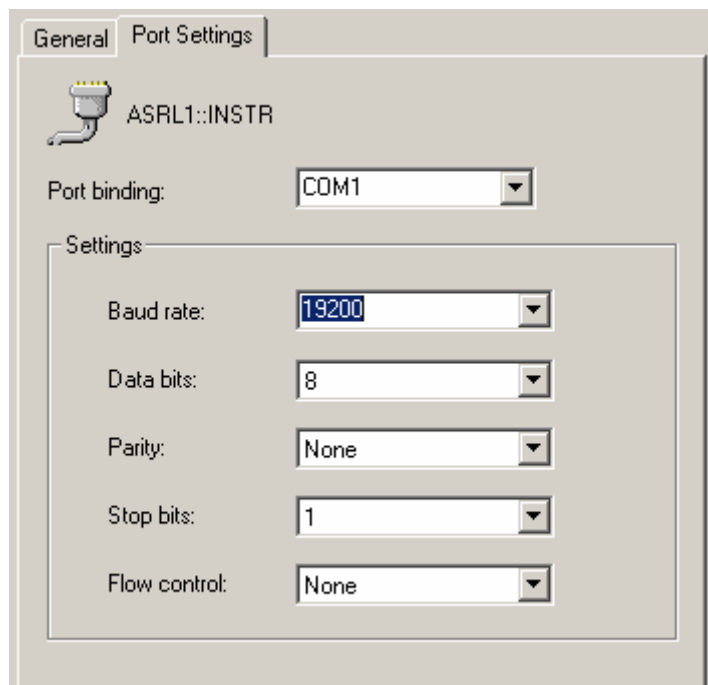Parity: none
Data bits: 8
Stop bits: 1
Start bits: 1
Protocol: None
The above settings are fixed except for the baud rate. The default baud rate setting is 19200 baud.

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.

Additional Help for LabVIEW drivers

The LabVIEW instrument driver consists of a ZIP archive containing the driver sources (LLB and MNU files). In addition, the instrument driver documentation is also included in compressed HTML format (Windows CHM help file) and stored together with the LV driver sources.
Each VI's help is linked to the section in the "CHM" file that describes all the features of the VI.

- For **LabVIEW 6.1 and higher** an additional help topic can be accessed directly by pressing "Click here for more help" in the Context Help
- For **LabVIEW 6.0** an additional help topic can also be accessed by pressing "Click here for more help" in the Context Help which opens the additional help start page.