Baud Rate ← RS232 using USB adapter
Sets the baudrate for the serial remote control interface.

Remote command:
:SYSTem:COMMunicate:SERial:BAUD on page 449

Parity ← RS232 using USB adapter
Sets the parity for the serial remote control interface.

Remote command:
:SYSTem:COMMunicate:SERial:PARity on page 449

Stop Bits ← RS232 using USB adapter
Sets the number of stop bits for the serial remote control interface.

Remote command:
:SYSTem:COMMunicate:SERial:SBITs on page 449

VISA Resource Strings
Displays the VISA resource strings, used for remote control of the instrument. Each interface requires an individual unique address, to identify the instrument for remote control.

Remote command:
:SYSTem:COMMunicate:HISLip:RESource? on page 448
:SYSTem:COMMunicate:NETWork:RESource? on page 448
:SYSTem:COMMunicate:SOCKet:RESource? on page 450
:SYSTem:COMMunicate:GPIB:RESource? on page 447
:SYSTem:COMMunicate:USB:RESource? on page 448
:SYSTem:COMMunicate:SERial:RESource? on page 448

Goto Local
Switches the instrument to operate in local control mode.

Switching from remote to local control mode can be also done with one of the following actions:

- manually with the [LOCAL] key on the front panel
- with the interface command &GTL via the remote control interface
- with the key combination [CTRL + Q].

Remote command:
&GTL

4.2.3.11 Instrument Emulations

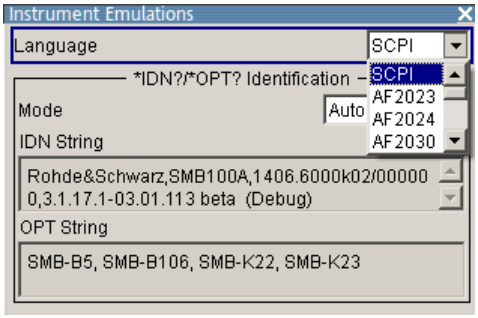
It is also possible to remotely control the R&S SMB via the command set of another signal generator, as for example of an HP generator. With this function you can, for example, replace a signal generator with an R&S SMB in an automated test setup, without adjusting the command scripts used. You find all the remote control command sets supported by the R&S SMB in a selection list.

For more information on this topic, the application note 1GP89: Remote Emulation with the R&S SMB100A RF and Microwave Signal Generator describes in detail how to use this feature.

The selected instrument also defines the identification string that is retrieved with query `*IDN?`. In addition to the preset values, you can enter a user-defined identification string, for example to provide individual identification for each generator, like 'MY_R&S SMB' (see Mode and IDN String).

As any other parameter, you can additionally change the remote control command set to be emulated via the Language command. However, once you have switched to an emulation, the R&S SMB specific command set is disabled, that means this command is no longer effective. To return, you need to know the corresponding remote control command of the simulated instrument. If you emulate an HP generator for example, the HP command `EX` returns to the SCPI command set.

► To access this dialog, press the [setup] or [menu] key and select "Remote > Instrument Emulations".



The "Instrument Emulations" dialog enables you to emulate a remote control command set of several other signal generators.

The remote commands required to remotely configure the emulation settings are described in Chapter 6.15, "SYSTem Subsystem", on page 437.

Language
Selects the instrument whose remote command set is emulated by the R&S SMB.

Remote command:
`:SYSTem:LANGuage` on page 452

Mode
Selects the way the instrument identification is performed.

"Automatic" Sets the "IDN String" and the "OPT String" automatically for the instrument selected with the parameter Language.

"User Defined" Enables you to define the "IDN String" and the "OPT String" for the instrument selected with the parameter Language.

Remote command:
`:SYSTem:IDENtification` on page 450