



### 3.5.2 Remote Control

Remote control is an operation of the instrument by means of remote control commands or programs that automatize repeating settings. The instrument is connected to a computer running the program.

The R&S SMB supports various remote control connections:

- Connecting the instrument to a (LAN) network
- Using the LXI browser interface in a LAN network
- Connecting a PC via the IEC-bus (IEEE 488) interface
- Remote control via the USB interface



**Tip:** For remote control over LAN or USB, you can use the R&S VISA (Virtual Instrument Software Architecture) library provided for download at the Rohde & Schwarz website <http://www.rohde-schwarz.com/rsvisa>.

This way of operation and the instructions how to set up a connection for remote control are described in the [Chapter 5, "Remote Control Basics"](#), on page 240. The description of the remote control commands is provided in [Chapter 6, "Remote Control Commands"](#), on page 283.

### 3.5.3 Remote Access

Remote access is the operating of the instrument from a remote computer. Both the R&S SMB and the computer are connected in a LAN.

**Remote access** in contrast to **remote control** does not use remote-control commands but a separate software which is installed on the remote computer. After its start, the software simulates the user interface of the instrument. The instrument can thus be operated from the remote computer as on the unit itself. The individual functions are operated using the mouse and keyboard. Specific instrument functions can be execu-

ted using specific key combinations on the keyboard or a front panel key emulation that can be operated with the mouse.

This way of operation and the instructions how to set up a connection for remote access are described in [Chapter 3.1.16, "Remote Access via an External Controller"](#), on page 32.