The instrument response is `4000000000`, i.e. the frequency is returned in Hz.

While remote control is active, the "Remote" icon in the status bar indicates that the instrument is in remote control mode. The operation via the front panel or via mouse and keyboard are locked, allowing a remote control program to be performed without interruption.
On the display, keys and entry fields are grayed out and cannot be activated or modified, but you can still open dialogs, for example to verify settings.

5. To disable the access to the dialogs, use the command `SYST:KLOC ON`.

6. To prevent unintentional return to manual operation, use the command `&LLO`.
    See also Chapter 5.1.3.4, "LAN interface messages", on page 245.

    The instrument switches to "Remote LLO" state. The [LOCAL] key is disabled.

7. To enable the [LOCAL] key, use the command `&GTR`.

8. To return to manual operation, see Chapter 5.2.2, "Returning to Manual Operation", on page 250.

    Tip: Switching from manual operation to remote control and vice versa does not affect the other instrument settings.
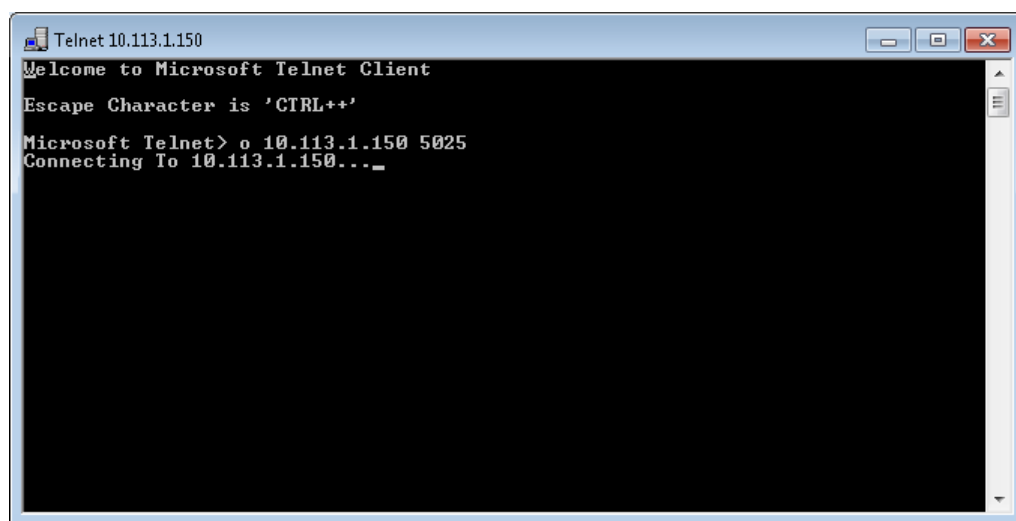
5.2.3.3   Remote Control over LAN using Socket Communication

This chapter provides an example on how to establish a remote control connection over telnet protocol and a simple sockets-based program example that can be further developed.

Setting up a Telnet Connection

To control the software, only a telnet program is required. The telnet program is part of every operating system.

1. To establish a Telnet connection with the R&S SMB, start the telnet program.

2. Enter the access string to connect to the instrument and confirm with [Enter].
    The access string is composed of the open command short form) and the socket address. The socket address is a combination of the IP address or the host name of the R&S SMB and the number of the port configured for remote-control via telnet. The R&S SMB uses the port number 5025 for remote connection via Telnet.
    Example: `o 10.113.1.150 5025`

The connection to the instrument is set up and you can send remote-control commands.

3. Even if the cursor is not visible on the screen, enter blind a remote-control command and confirm with "Enter".