

Cut

Cuts the selected file. It can be pasted into a different directory using the "Paste" button.

Remote command:

[:MMEMory:DELeTe](#) on page 311

Copy

Copies the selected file. It can be pasted into a different or the same directory using the "Paste" button. When pasting the file into the same directory file name Copy of <file name> is given automatically. When pasting the file into a different directory, the original file name is kept.

Remote command:

[:MMEMory:COpy](#) on page 309

Paste

Pastes the file that has been copied or cut before.

Remote command:

n.a.

Rename

Renames the selected file or directory. The new name can be entered in the "New File-name" dialog.

Remote command:

[:MMEMory:MOve](#) on page 312

Delete

Deletes the selected file. Before the file is deleted, a message appears prompting the user to confirm deletion of the file.

Remote command:

[:MMEMory:DELeTe](#) on page 311

Create New Directory

Creates a new directory. The name of the new directory can be entered in the "New Directory" dialog.

Note: When the subdirectory is entered, it is possible to enter an absolute path name (e.g. /var/MEAS) or the path relative to the current directory (e.g. ../MEAS).

The directory is created as a subdirectory in the selected level.

Remote command:

[:MMEMory:MDIRectory](#) on page 312

4.2.8.5 Accessing the File System of the Instrument and Transferring Files from and to the Instrument

To access files and the file system of the instrument or to use the general file management functions such as copying and moving data, use the standard "File Manager" dialog.

To transfer files from and to the instruments or to exchange files, use one of the following alternatives:

- Connect a memory stick to one of the USB interfaces.
The instrument recognizes automatically a connected memory stick.
- Connect the instrument to a LAN.
For information on how to set up a LAN connection, refer to [Chapter 3.1.7, "Connecting to LAN"](#), on page 24 .

An instrument connected to a LAN supports the standard file transfer methods from a remote client:

- FTP (file transfer protocol)
see ["To access the file system of the R&S SMB via ftp"](#) on page 134
- File sharing according to the SAMBA/SMB (server message block) protocol
see ["To access the file system of the R&S SMB via SMB \(Samba\)"](#) on page 135

Both file transfer methods access the folder `/var/user/share`.

This section provides an introduction to this topic. For comprehensive information, refer to the Application Note 1GP72 "Connectivity of Rohde&Schwarz Signal Generators".

To access the file system of the R&S SMB via ftp

If the R&S SMB is connected to a LAN and the required configurations are completed, you can use File Transfer Protocol (ftp) to access the file system and to transfer files from and to the instrument.

1. Connect the instrument and the remote PC to a LAN.
2. Find out the "IP Address" of the instrument:
 - a) Select "Setup > Environment > Network Settings".
 - b) Write down the "IP Address" of the instrument, e.g. `10.113.10.105`.
3. On the remote PC, start the Windows Explorer.
4. In the address field, enter `ftp://<"IP Address" of the Instrument>`, e.g. `ftp://10.113.10.105`

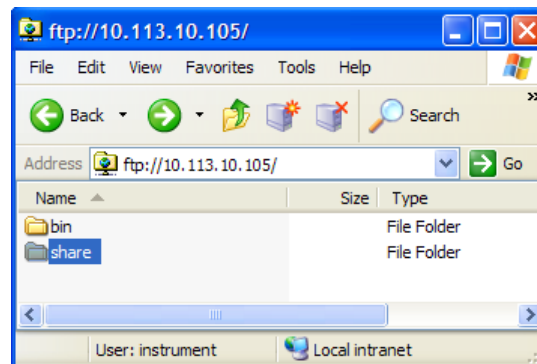
A log on dialog opens and requests a password.

Tip: Default password. The FTP file access use the user *instrument* with default password *instrument*.

It is highly recommended that you change the user password in the "Security" dialog before connecting the instrument to the network!

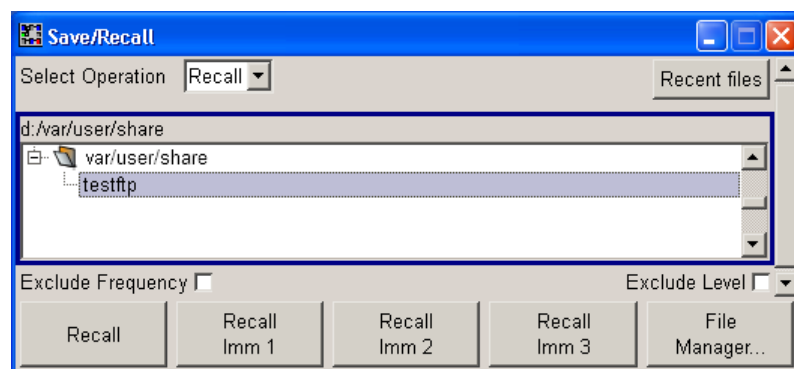
See [Chapter 4.2.3.14, "Security"](#), on page 114.

5. Enter the password to access the `/var/user/share` directory.



You can access the files in the `/var/user/` directory, perform standard function like creating directory, etc.

6. Open the `/var/user/share` directory and create a new directory, e.g. `testftp`.
7. On the instrument, press the [File] key and open the `/var/user/share` directory. The dialog displays the `testftp` directory.



To access the file system of the R&S SMB via SMB (Samba)

The SMB (Samba) protocol is an alternative way to access the file system of the instrument from a remote PC, if both the instrument and the PC are connected to a LAN.

1. Connect the instrument and the remote PC to a LAN.
2. Find out the "IP Address" of the instrument:
 - a) Select "Setup > Environment > Network Settings".
 - b) Write down the "IP Address" of the instrument, e.g. `10.113.10.105`.
3. On the remote PC, start the Windows Explorer and open the "Map Network Drive" dialog.
 - a) Select a valid "Drive", e.g. `W`.
 - b) In the "Folder" field, enter:


```
//<"IP Address" of the Instrument>/share or  
//<"Hostname" of the Instrument>/share, e.g. //10.113.10.105/share
```
 - c) Select "Finish".

A log on dialog opens and requests an user name and a password.