internally created User Correction data can be exported into ASCII files using the export function.

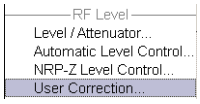
The amplitude can also be linearized automatically by means of an R&S NRP power sensor connected to one of the generator output signals. With the aid of the "Fill with Sensor" function, a table with correction values for external test assemblies can be automatically determined, e.g. for compensating the frequency response of cables. The User Correction list with the correction values acquired by the sensor is generated in the "Edit User Correction List" menu. The correction values can be acquired any time irrespective of the modulation settings of the generator.

If user correction is activated, the "UCOR" display (User Correction) is shown in the header together with the "Level" display. The RF output level is the sum of both values.

"Level" + "UCOR" = Output level

If activated, user correction is effective in all operating modes.

User Correction Menu



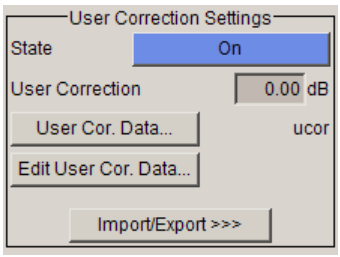
To open the "User Correction" menu, select "RF > Configure > User Correction" or use the [MENU] key under "RF".

The combined menu "ALC/UCOR" is divided into the several sections.

User Correction Settings

The "User Correction" settings are set in the most lower section of the combined dialog; this section is used to activate/deactivate user correction, and to create, select and activate the lists.

The upper section provides access to the automatic level control settings, see Chapter 4.3.5.4, "Automatic Level Control - ALC", on page 153.



State - User Correction
Activates/deactivates user correction.

The "UCOR" status message appears in the frequency and level display.

Remote command:
`[:SOURce<hw>]:CORRection[:STATe]` on page 342

User Correction Value - User Correction
Indicates the current value for level correction.

Remote command:
`[:SOURce<hw>]:CORRection:VALue?` on page 342