4.2.2 Default Instrument Settings - Preset Key

The [PRESET] key performs a defined instrument setup. All parameters and switching states are preset (also those of inactive operating modes). The default instrument settings provide a reproducible initial basis for further settings.

However, functions concerning the integration of the instrument in a measurement setup are not changed, for example the GPIB address or reference oscillator settings.

When the instrument is switched on, it is not the preset state that is active, but rather the instrument state that was set before the instrument was switched on.

User-defined instrument states can be accessed and stored in the "File" menu.

Resetting the instrument to the factory state is possible with the Factory Preset function.

Preset

Presets all parameters and switching states.

The following list gives an overview of the presets for the most important generator settings. The other presets can be found in the preset tables of the individual menus and the information accompanying the remote commands.
- "RF frequency" = 1 GHz
- "RF level" RF output switched off
- "Level" = 30 dBm for instruments including an attenuator
  "Level" = -5 dBm for instruments with no attenuator
- "Offsets" = 0
- "Modulations State" = Off
- Uninterrupted level settings are switched off
  "Level Attenuator Mode" = AUTO
- Internal level control "Level ALC" = AUTO
- User correction "Level Ucor" = OFF
- "LF output State" = Off
- "Sweep State" = Off

Settings that are not affected by the [PRESET] key

- Reference frequency settings ("Ref Oscillator" menu)
- Power on settings ("Level/EMF" menu)
- Network settings ("Setup" menu)
- GPIB address ("Setup" menu)
- *IDN? Identification and emulation ("Setup" menu)
- Password and settings protected by passwords ("Setup" menu)
- Start/Stop Display Update ("Setup" menu)
- Display and keyboard settings ("Setup" menu)

Remote command:
*RST on page 286