

Export Deactivation Response to File...

Exports the generated deactivation response key to a file and opens a file management dialog to save the file. This key is required during the unregistration process.

Status Information

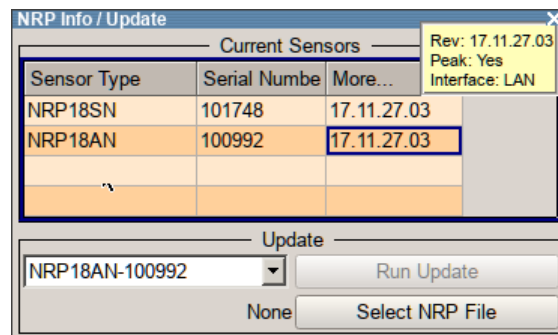
Displays status information.

4.2.3.4 NRP Info/Update

The "NRP Info/Update..." dialog covers information on connected power sensors, like serial number, revision state and features of the particular sensor. You can directly update the sensor firmware.

Access:

- Select "Setup > System > NRP Info/Update..."



The "NRP Info / Update" dialog indicates the connected R&S NRP power sensors with specific information and contains the functions to update the firmware of a connected sensor.

The remote commands required to remotely configure the power sensor settings are described in [Chapter 6.12, "SENSe, READ and INITiate Subsystems"](#), on page 318.

How to update an R&S NRP sensor

To perform an R&S NRP sensor update proceed as follows:

1. Open the R&S website <http://www.rohde-schwarz.com> in section "Power Meters & Voltmeters > R&S NRP Sensors".
2. Select the respective sensor, e.g. R&S NRP18SN.
3. Select "Downloads > Firmware" and the offered firmware suitable for your sensor.
4. Transfer and save the firmware on the instruments, for example in the `/var/user/` directory.
5. Connect the sensor to the R&S SMB and select "Setup > System > NRP Info Update" to open the dialog.
6. Select the sensor in the left sensor selection field.

7. Select the update file with "Select NRP File".
8. Start the update procedure with "Run Update".

The update starts and a bar indicates the progress.

How to restart an interrupted update of an R&S NRP sensor

An accidental removal of the sensor during the update process interrupts the update.

If no other sensor is connected to the instrument, proceed as follows to restart the update process:

1. Do not reconnect the sensor but keep it ready to be connected.
2. In the "Setup > System > NRP Info Update" dialog, select "Rescue" in the left sensor selection field
3. Activate "Run Update".
4. Confirm query in message box
5. Connect sensor within 4 seconds

The update starts, a bar informs about the progress.

Current Sensors

Shows the sensors that are connected to the generator with information on serial number, the revision state and some features.

Tip: Click on a sensor to get quick information about the firmware version and whether this sensor measures the peak of the signal.

Remote command:

[SENSe<ch>\[:POWER\]:TYPE?](#) on page 329

[SENSe<ch>\[:POWER\]:SVERsion?](#) on page 329

[SENSe<ch>\[:POWER\]:SNUMber?](#) on page 328

Update

Section "Update" provides access to the file system in order to select a file for an R&S NRP sensor update (Button "Select NRP File"), the selected file is indicated to the left of the button. On the left side, the sensor to be updated is selected.

Button "Run Update" starts the update.

Note: If the update is interrupted for example by accidental removal of the sensor during the process, the button "Rescue" appears. Thus, you can restart the update process.

Prerequisite is that no other sensor is connected to the instrument.

Refer to ["How to update an R&S NRP sensor"](#) on page 101 and ["How to restart an interrupted update of an R&S NRP sensor"](#) on page 102 for detailed instructions.

Remote command:

n.a.