

Remote command:

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Adjustment DAC Value

Sets a user-defined deviation for the internal reference frequency. This value takes effect when it is activated with [Adjustment Active](#). "0" represents the calibrated state. The setting range depends on the reference oscillator type and its factory calibration value.

Note: A factory preset resets this setting to the calibration value of the instrument.

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4.3.5 RF Level

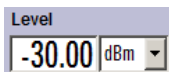
4.3.5.1 Overview of RF Level



Message "Level overrange/underrange"

If this message appears in the status line, the set level ("Level") is out of range (see data sheet).

In this case, the signal level at the output can deviate from the set value.



The value of the RF level is displayed in the level field in the header of the display ("Level"). This field provides the direct input of the RF level value. Alternatively, you can enter the level in the "Level/EMF/..." dialog.

Note that the displayed RF level in the header, and the RF output level, set in the "Level/EMF" dialog can be different, as explained in the following section.

RF level vs. RF output level

If you are working with a downstream instrument, e.g. an attenuator or amplifier, you can enter the related parameter value in the level settings dialog ("Offset").

The generator includes these parameters and displays the result in the "Level" field in the status bar, as if the downstream instrument and the generator were one unit. This displayed level value corresponds to the value at the RF output of the downstream instrument. However, the level provided at the RF output of the signal generator corresponds to the level value set in the "Level/EMF/..." dialog.

The instrument activates the "Level Offset" icon in the status bar, when a level offset is set.

The correlation is as follows:

"Level" (in header) = "RF output level" (Level in menu) + "Level offset" (Offset in menu)