

Remote command:

`[:SOURce<hw>] :FREQuency:OFFSet` on page 350

Multiplier

Sets the multiplication factor for the RF frequency.

In the frequency field of the status bar, the instrument adjusts its frequency display according to the set multiplication factor. This frequency value shows the frequency at the output of the downstream multiplier. The entry does not change the RF frequency at the RF output of the R&S SMB, see also [Chapter 4.3.2.1, "RF Frequency vs. RF Output Frequency"](#), on page 138.

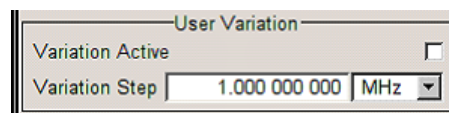
Remote command:

`[:SOURce<hw>] :FREQuency:MULTiplier` on page 350

4.3.2.5 User Variation Settings

Access:

- ▶ Select "RF > config... > RF Frequency > Frequency/Phase".



The combined "RF Frequency / Phase ..." settings dialog contains the parameters determine the step size for adjusting the frequency with the rotary knob.

Variation Active

Activates the user-defined step width used when varying the frequency value with the rotary knob.

- | | |
|-------|---|
| "ON" | The frequency value set with the rotary knob is varied using the user-defined step width which is entered under "Variation Step". |
| "OFF" | The frequency value set with the rotary knob is varied in steps of one unit at the cursor position (standard operating mode). |

Remote command:

`[:SOURce<hw>] :FREQuency:STEP:MODE` on page 353

Variation Step

Sets the user-defined step width. This step width is used when entering the RF frequency using the rotary knob. Frequency variation with this step width must also be activated with "Variation Active".

Remote command:

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