



If you have the R&S SMB equipped with one of the microwave frequency options R&S SMB-B112, -B120, -B131 or -B140, you can, in addition, operate an R&S SMZxx frequency multiplier.

xx represents the multiplier type that you can use according to the target frequency range.

Note: Instruments with option R&S SMB-B112 only support the R&S SMZ75(M/E) frequency multiplier models.

4.3.2.2 Setting the RF Frequency

To change the RF frequency, press the [FREQ] key and enter the desired frequency. Changes to the RF frequency have an immediate effect (without confirmation with the [Enter] key) on the output signal.

RF Freq

Enters the RF frequency, considering the frequency offset.

Note: The SCPI command sets the level of the "Freq" display, that means an entered frequency offset and multiplier factor are considered in the frequency value.

Remote command:

[:SOURce<hw>] :FREQuency [:CW | FIXed] on page 347

4.3.2.3 RF Frequency Dialog

The combined "RF Frequency / Phase..." dialog contains the parameters required for configuring the frequency and settings like a frequency offset, or a multiplier factor of an externally connected multiplier, see [Chapter 4.3.2.4, "Frequency Settings"](#), on page 140.

Furthermore, the dialog provides additional settings parameters which are described in:

- [Chapter 4.3.3, "Phase"](#), on page 142