

block can be activated or deactivated with the [TOGGLE] key. Active blocks are highlighted by a colored background.

The instrument comprises a comprehensive info and help system. You can access the context-sensitive help with the [HELP] ([F1]) key at any time. The help system indicates the currently selected parameter and offers additional services such as cross references, index and contents. The content of the help system corresponds to the operating manual of the instrument.

Warning and conflict messages caused by incorrect operation as well as further information are displayed in the "Info" line. A complete list of existing conflicts is displayed when the [INFO] ([CTRL+I]) key is pressed. Additional information on entries can be requested from the help system. The history function permits display of all messages.

Assistants simplify the completion of tables. After data entry in the assistant, the table is modified only after the "Accept" button has been pressed. Pressing the "Accept" button also stores the assistant data.

See [Chapter 3.5, "Instrument Control"](#), on page 66 for an overview on how to work with the instrument.

For an in-depth description of the dialog boxes and the instrument functions, refer to section [Chapter 4.1, "Overview of Instrument Functions"](#), on page 94.

3.4.3 Application Field of the Instrument

The main field of application of the R&S SMB is the generation of sine wave signals with very high spectral purity. These signals are needed e.g. for adjacent channel or phase noise measurements. In addition, the RF signal can be modulated with the internal modulations waveforms sine waves and rectangular signals.

3.4.4 Description of Individual Diagram Blocks

The signal path of the instrument is configured by installing a frequency option that comprises all required modules.