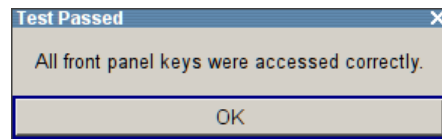


5. Continue with the next key on the front panel and repeat [step 3](#) to [step 5](#) until all keys are tested.



The test is completed, when each key is verified successfully, confirmed by a "Test passed" message.

Select "OK" to exit the test.

- ▶ Press the [esc] key a third time.  
Exits the "Check Front Panel" dialog, even if you have not yet checked all the keys.

Expected responses:

- Pressing a key once (green), pressing twice (red)
- Pressing the [esc] key a third time exits the dialog.

If you detect a malfunction, for example, you press the front panel key the first time, and the color of the button in the dialog turns red (instead of green), the front panel key may be stuck. In this case, contact the Rohde & Schwarz Customer Support Center for technical support, see [www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support).

### 8.4.3 Internal Adjustments

Internal adjustments are integrated adjustment procedures, which you can execute directly on the instrument.

The R&S SMB is accurate due to integrated adjustment procedures. Internal adjustments are integrated self-calibration routines, which you can execute directly on the instrument.

Self-calibration routines that require additional equipment are performed at an authorized Rohde & Schwarz service center. For description, see R&S SMB service manual.

How to: See [Chapter 8.4.3.2, "Performing Internal Adjustments"](#), on page 496.

#### When to start internal adjustments?

We recommend that you run internal adjustments in the following cases:

- Before starting any application that requires a maximum of level accuracy.
- When a long period of time has passed since the last adjustments.
- If the ambient temperature of the instrument significantly differs from the one of the last adjustments.