To unmount the R&S SMB from a rack

1. Loosen the screws at the rack brackets.
2. Remove the R&S SMB from the rack.
3. If placing the R&S SMB on a bench top again, unmount the adapter kit from the R&S SMB. Follow the instructions provided with the adapter kit.

3.1.5 Considerations for Test Setup

Cable selection and electromagnetic interference (EMI)

Electromagnetic interference (EMI) can affect the measurement results.

To suppress electromagnetic radiation during operation:

- Use high-quality shielded cables, especially for the following connector types:
  - BNC
    Double-shielded BNC cables.
    How to: "To connect to non-screwable connectors (BNC)" on page 26
  - USB
    Double-shielded USB cables.
    How to: Chapter 3.1.9, "Connecting USB Devices", on page 25.
    See Chapter 9.6, "Measuring USB Cable Quality", on page 506.
  - LAN
    At least CAT6 STP cables.
    How to: Chapter 3.1.7, "Connecting to LAN", on page 24
- Always terminate open cable ends.
- Ensure that connected external devices comply with EMC regulations.

Signal input and output levels

Information on signal levels is provided in the data sheet. Keep the signal levels within the specified ranges to avoid damage to the R&S SMB and connected devices.

Preventing electrostatic discharge (ESD)

Electrostatic discharge is most likely to occur when you connect or disconnect a DUT.

► **NOTICE!** Electrostatic discharge can damage the electronic components of the product and the device under test (DUT).

Ground yourself to prevent electrostatic discharge damage:

a) Use a wrist strap and cord to connect yourself to ground.
b) Use a conductive floor mat and heel strap combination.