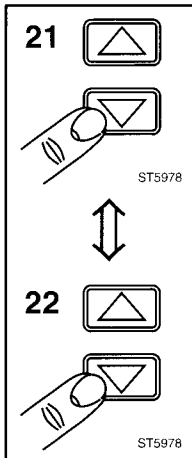


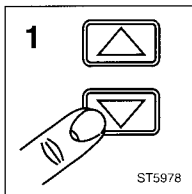
**Procedure/requirements:**



- A Turn off the signal sources connected to the ScopeMeter input or minimize (zero) the signal amplitudes.
- B Use the select/adjust keys to switch from front setting number 21 to number 22 and back to 21.
- C Verify that the trace does not jump more than 0.1 divisions while switching between front settings 21 and 22.

While in the SERVICE menu, press the METER softkey to enter the **METER part of the Performance Verification Procedure.**

**1. Voltage accuracy METER mode**



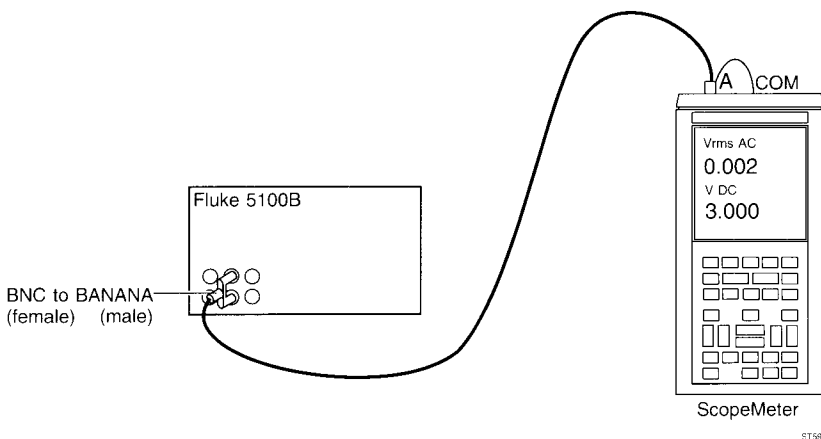
The following section checks the voltage accuracy in METER mode. The ScopeMeter uses the same input circuitry (hardware) for the SCOPE (channel A) and the METER modes (in these attenuator settings). When the voltage accuracy of the METER is checked, the deflection coefficients for SCOPE channel A are also tested.

**Test equipment:**

Fluke 5100B Calibrator

**Test setup:**

Connect the banana jack COM to the BNC common



**Procedure:**

- A Apply 300 mV DC to channel A.
- B Change the input voltage and the setting of channel A according to table 4.3 and check that the amplitude of the signal agrees with the value listed.

*NOTE: The ScopeMeter is set to METER "AUTORANGE" (step 1) with a dual (AC and DC) readout. This implies that the ScopeMeter range is set automatically according to the input signal.*