

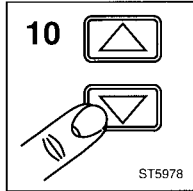
Procedure for channel A rise time measurement:

Refer to the settings/procedure for channel B measurement.

Requirements:

Refer to channel B requirements.

10/11/12/13. Frequency response



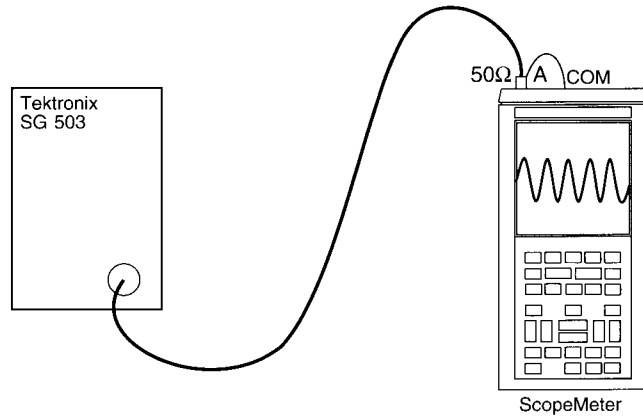
These tests check the upper transition point of the bandwidth for ScopeMeter vertical channels A and B.

Test equipment:

Tektronix SG 503 Constant Amplitude Sine wave Generator

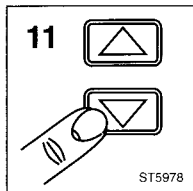
Test setup:

Connect the banana jack COM to the BNC common

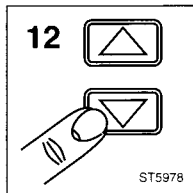


Procedure/requirements for channel A frequency response measurement:

- A Apply a 50 kHz sine wave with an amplitude of 120 mV peak-to- peak to channel A. Use a 50Ω termination.
Adjust the input signal to a trace height of exactly 6 divisions.

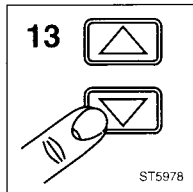


- B Without changing the amplitude of the sine wave signal, switch over to step 11 using the upper select/adjust key. Increase the frequency of the sine wave to 50 MHz and verify that the vertical deflection is 4.2 divisions or more.



Procedure/requirements for channel B frequency response measurement:

- C Apply a 50 kHz sine wave with an amplitude of 120 mV peak-to- peak to channel B. Use a 50Ω termination.
Adjust the input signal to a trace height of exactly 6 divisions.



- D Without changing the amplitude of the sine wave signal, switch over to step 13 using the upper select/adjust key. Increase the frequency of the sine wave to 50 MHz and check that the vertical deflection is 4.2 divisions or more.