sweeping action and vertical deflection action. The trigger ensures that the sweep begins at the same point of a repeating signal; so that we can get a clear picture. It stabilizes a repeating signal.

**PROCEDURE**

**Turn on and display functions**

Turn on the power switch below the CRT screen. Turn the intensity knob clockwise until a horizontal line appears on the screen. Adjust the focus knob until the line is sharply in focus. Slow down the sweep speed by turning the SEC/DIV knob counter-clockwise. Turn the POSITION knob for CH 1 and observe the position of the beam. Slide the VERTICAL MODE switch to both to monitor two signals.

**Observe Peak-to-Peak Voltage Measurements**

Connect on end of the BNC to BNC cable to the input of CH 1. Connect the other end to the 50Ω output of the function generator. Set the function generator for sine wave output. Set the AMPLITUDE and OFFSET knobs on the function generator to their mid-range position. Select a frequency of 1000Hz. Adjust the VOLTS/DIV setting on CH 1 until the waveform fills as much screen as possible. Count the number of divisions from the bottom of the waveform to the peak to the 1/10 division. To obtain the peak-to-peak voltage, multiply the number of divisions by the VOLTS/DIV at the 1X marker for CH 1.