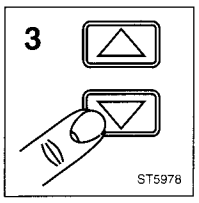
Procedure:

A - Apply a square wave with a frequency of 1 kHz, amplitude 3V peak-to-peak (between 0V and +3V) to both channels A and B.

B - Turn trimmer C2207 on the analog A2 PCB to get the best channel A pulse response on the LCD (least distorted waveform). The position of trimmer C2207 can be found in figure 5.3.

C - Turn trimmer C2107 on the analog A2 PCB to get the best channel B pulse response on the LCD. The position of trimmer C2107 can be found in figure 5.3.

H3. Hardware pulse response of the *100 attenuation



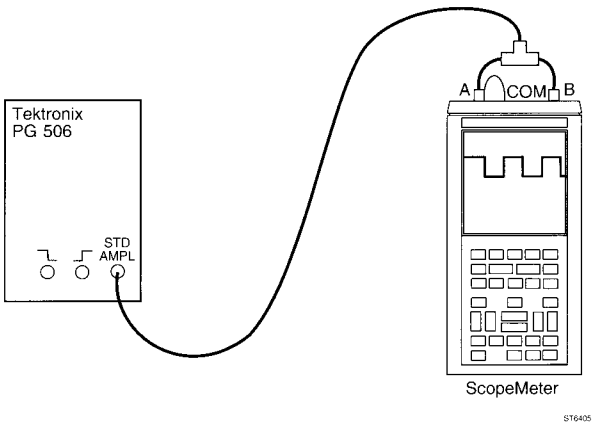
Purpose: optimal pulse response of the *100 attenuation circuit.

Calibration equipment:

Tektronix PG 506 Square Wave Calibration Generator

Calibration setup:

Connect the banana jack COM to the BNC common



Procedure:

A - Apply a square wave with a frequency of 1 kHz, amplitude 20V peak-to-peak (between 0V and +20V) to both channels A and B. Set the generator to the position "STD AMPL".

B - Turn trimmer C2214 on the analog A2 PCB to get the best channel A pulse response on the LCD (least distorted waveform). The position of trimmer C2214 can be found in figure 5.3.

C - Turn trimmer C2114 on the analog A2 PCB to get the best channel B pulse response on the LCD. The position of trimmer C2114 can be found in figure 5.3.