

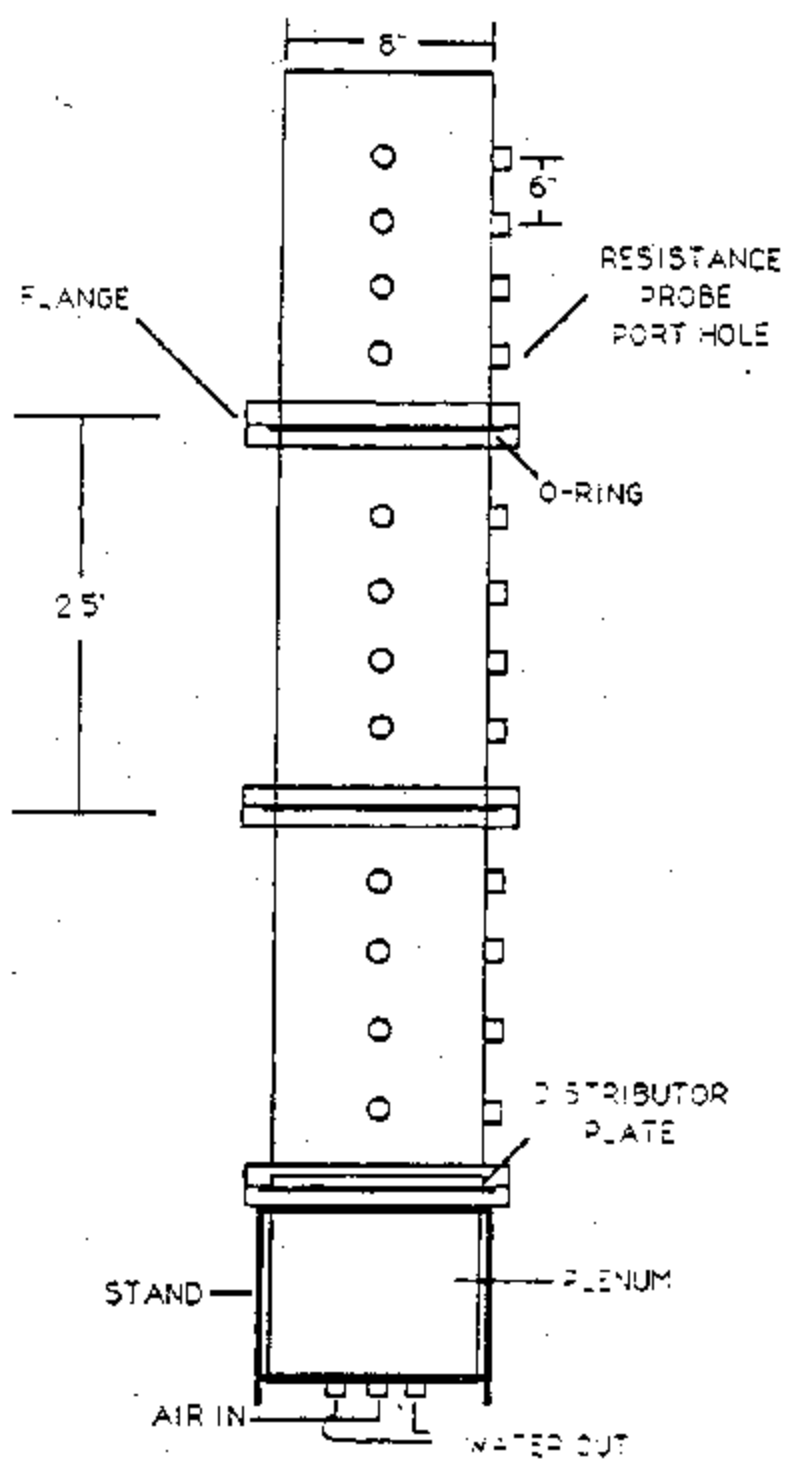
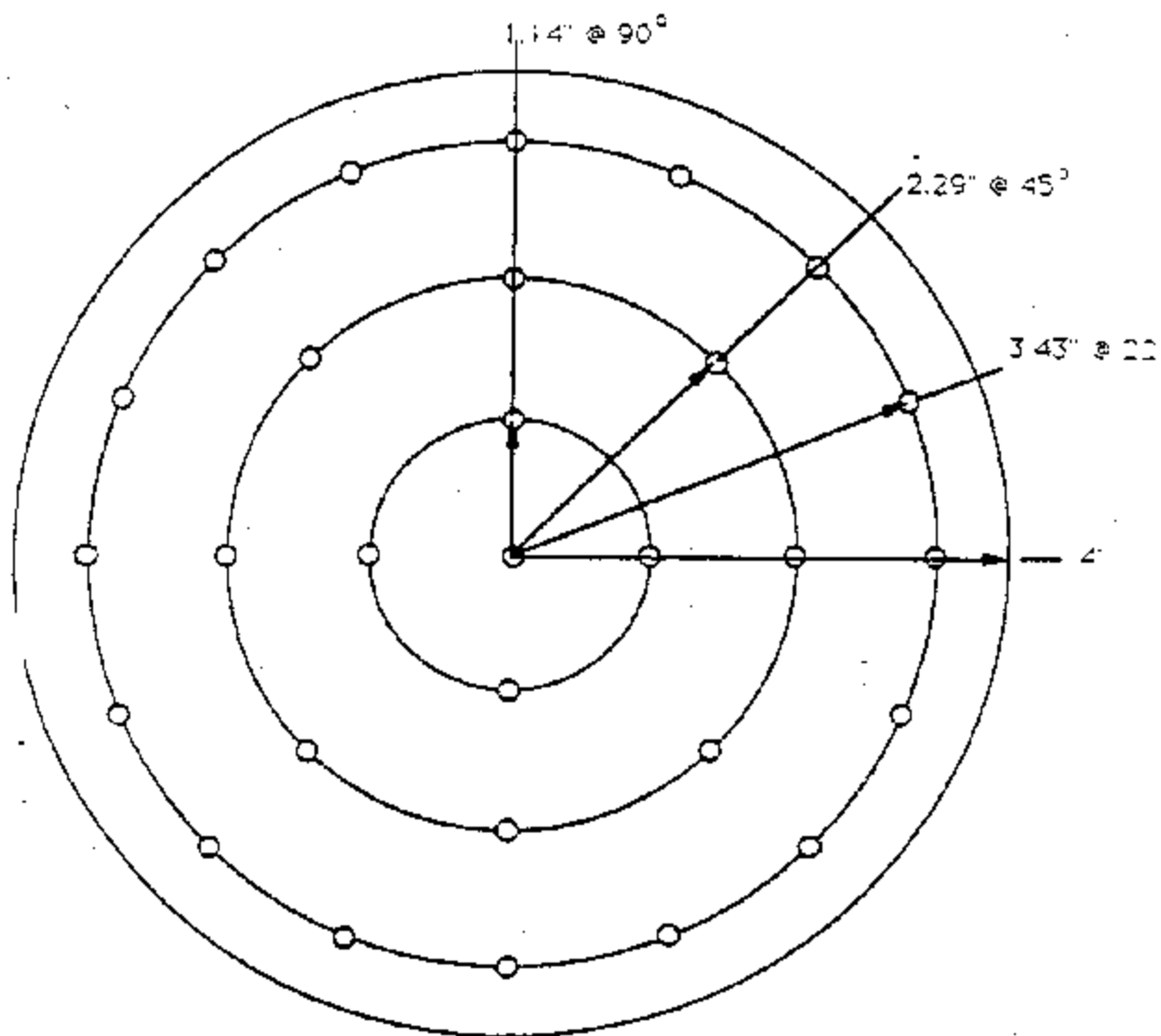


Figure 2.1 - Design of Bubble Column



Diameter of Holes = $1/16"$

Figure 2.2 - Design of Distributor Plate

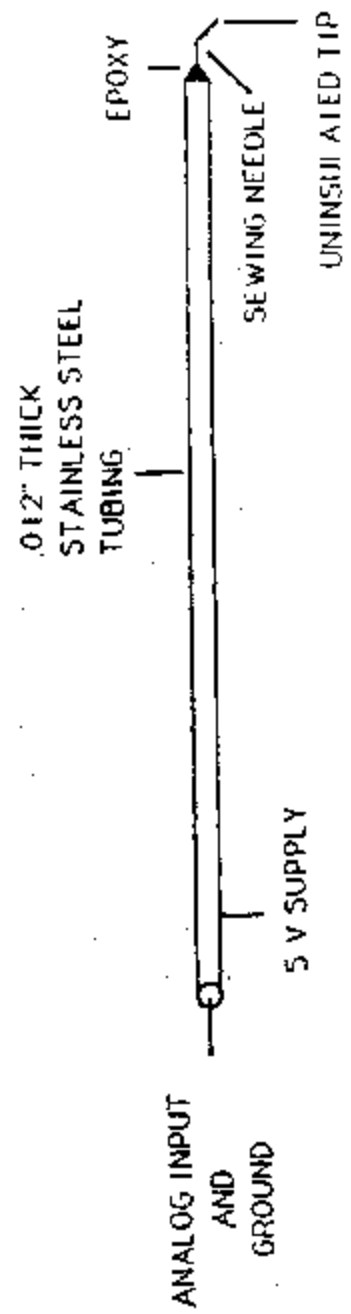


Figure 2.3 - Design of Resistance Probe

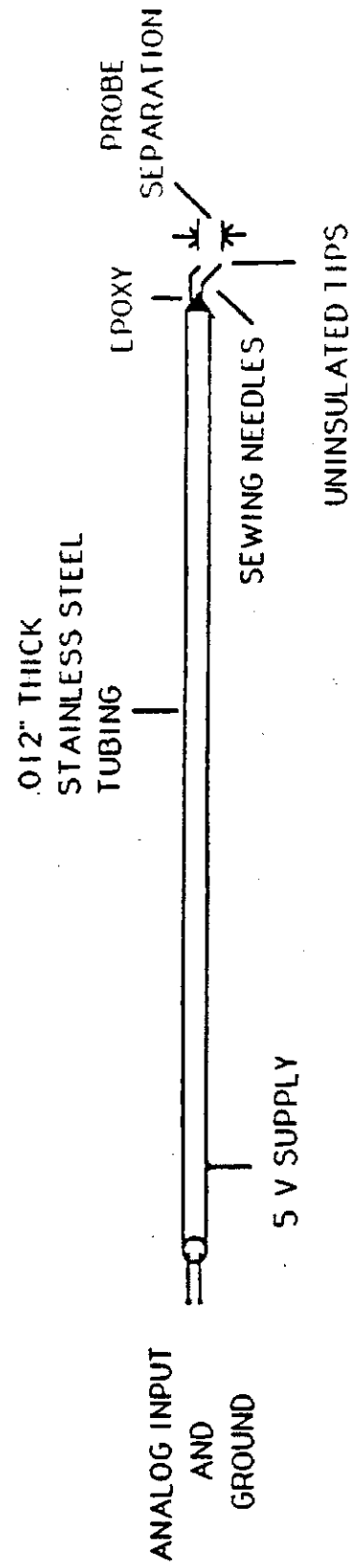


Figure 2.4 - Double Resistance Probe for Bubble Velocity Measurements

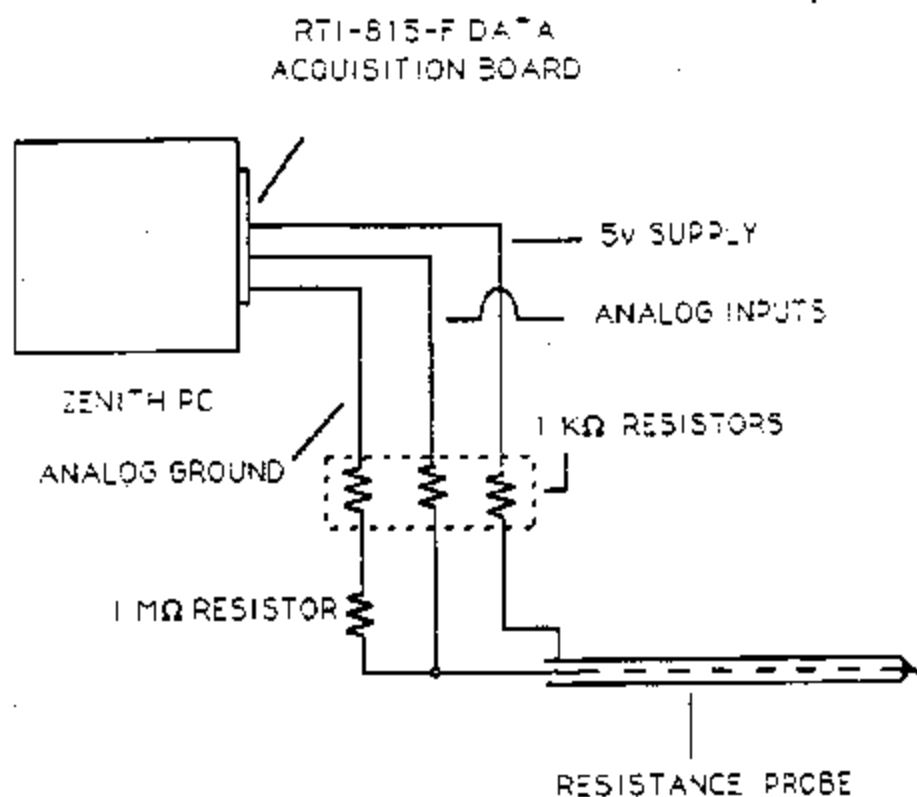


Figure 2.5 - Data Acquisition System Schematic

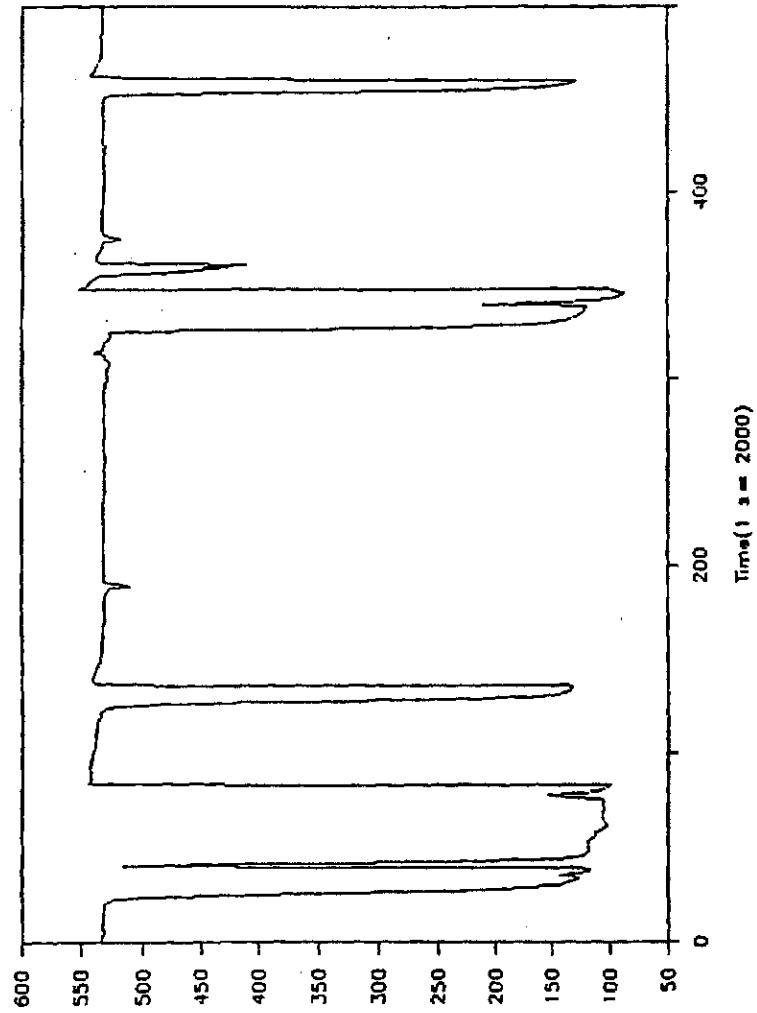


Figure 2.6 - Voltage Trace showing Interaction between Bubble and Probe

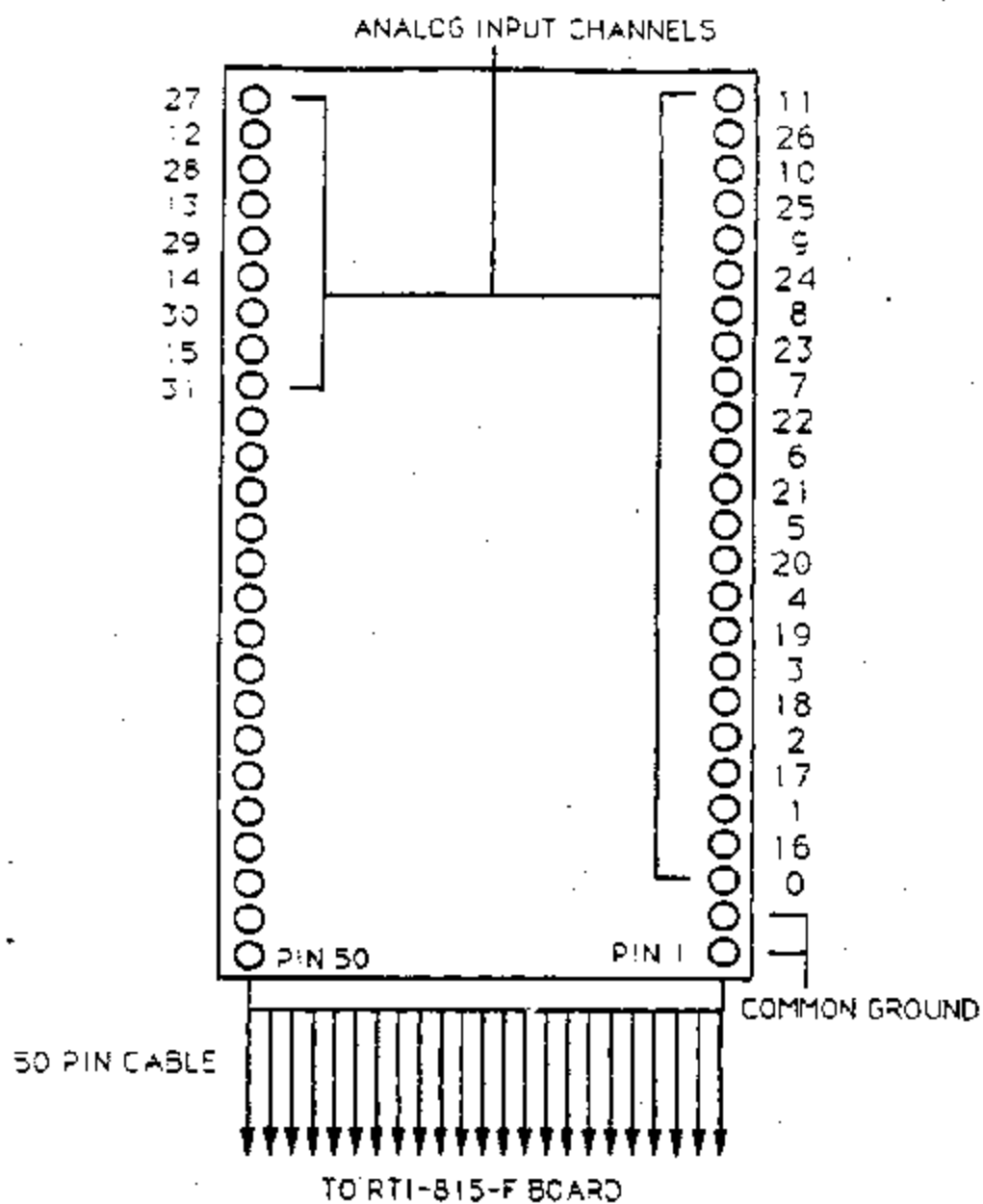
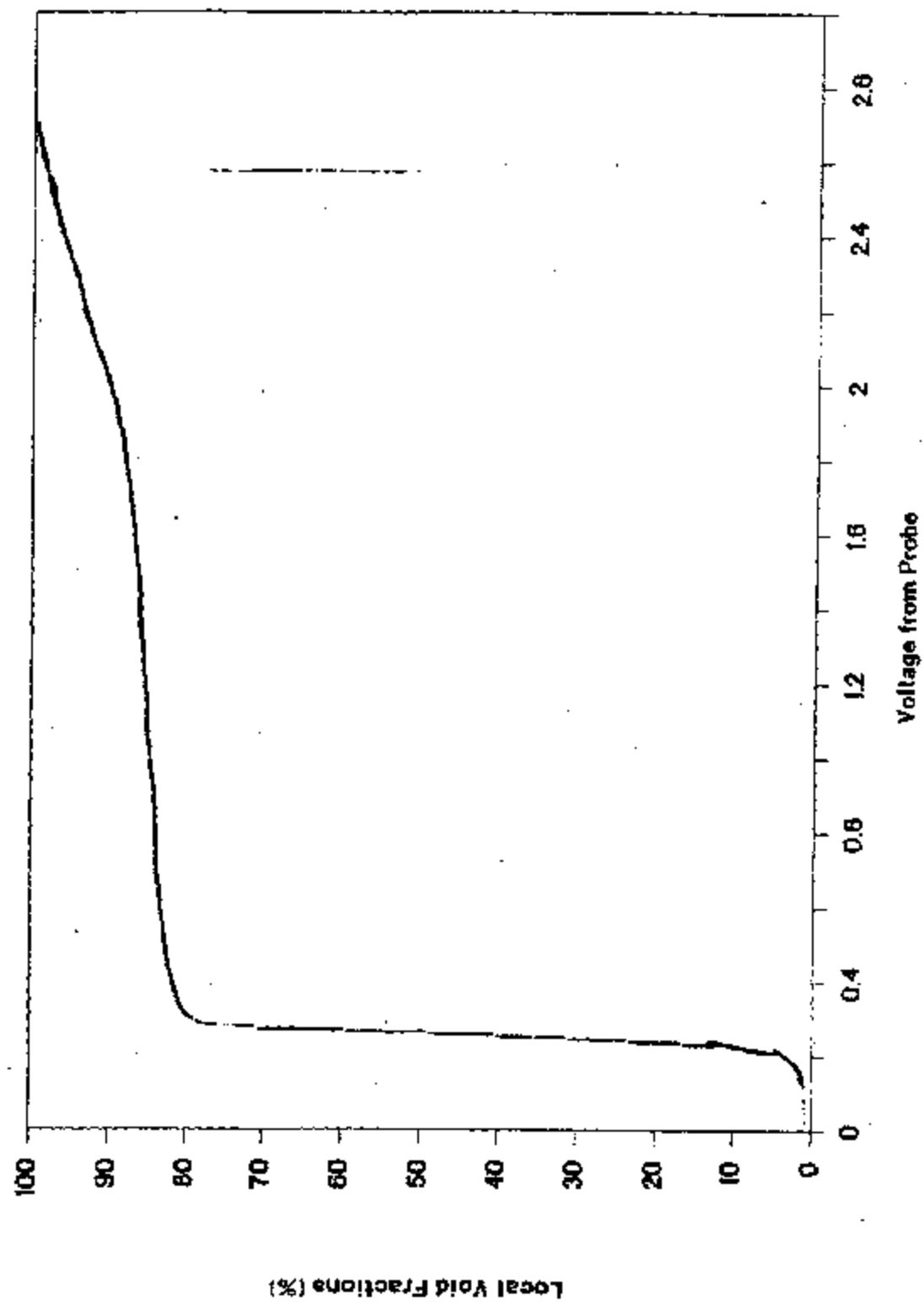


Figure 2.7 - AC1585-1 Screw Termination Panel with 50 Pin Cable



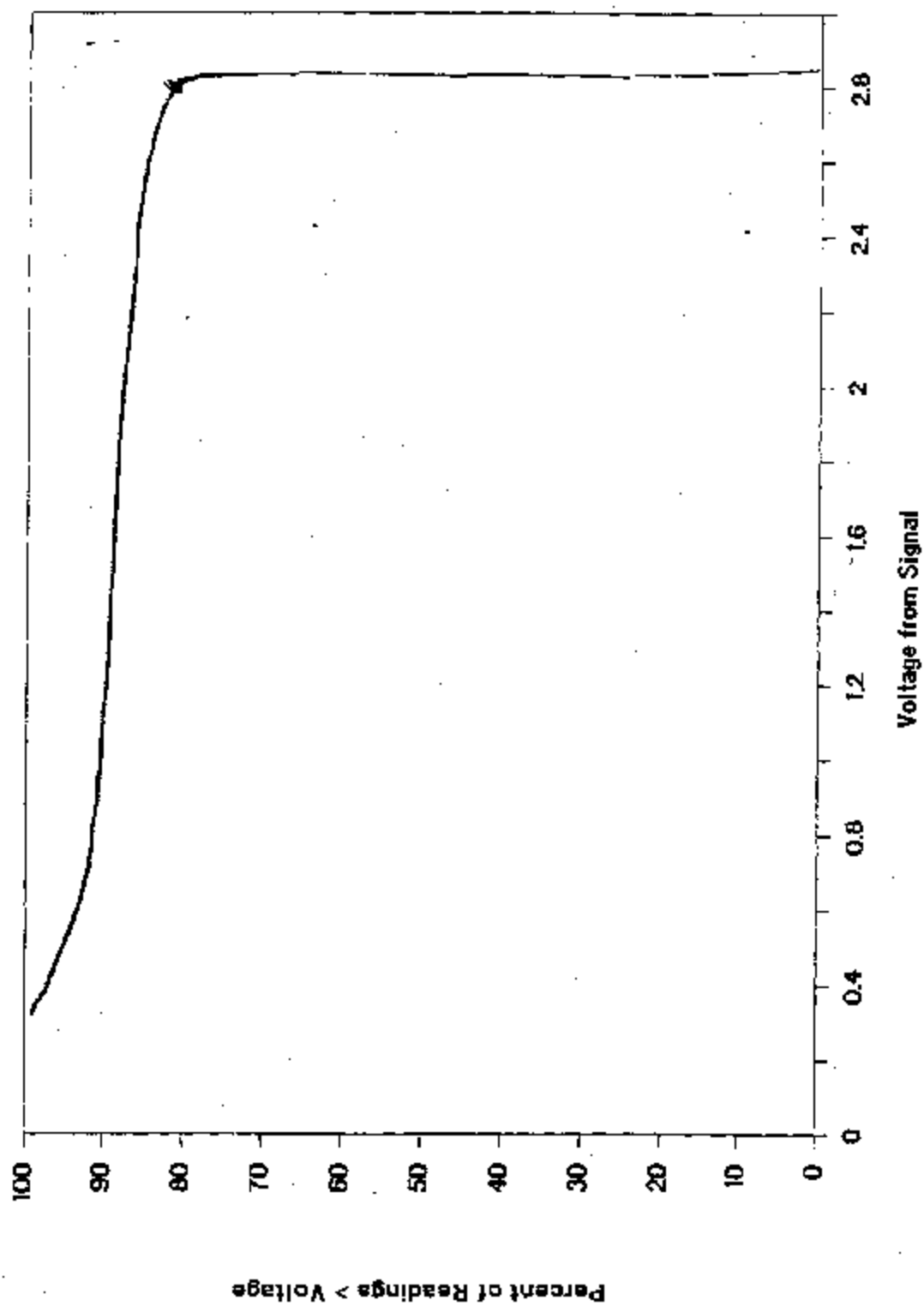


Figure 2.9 - Cumulative Percentage of Reading Voltage versus Voltage

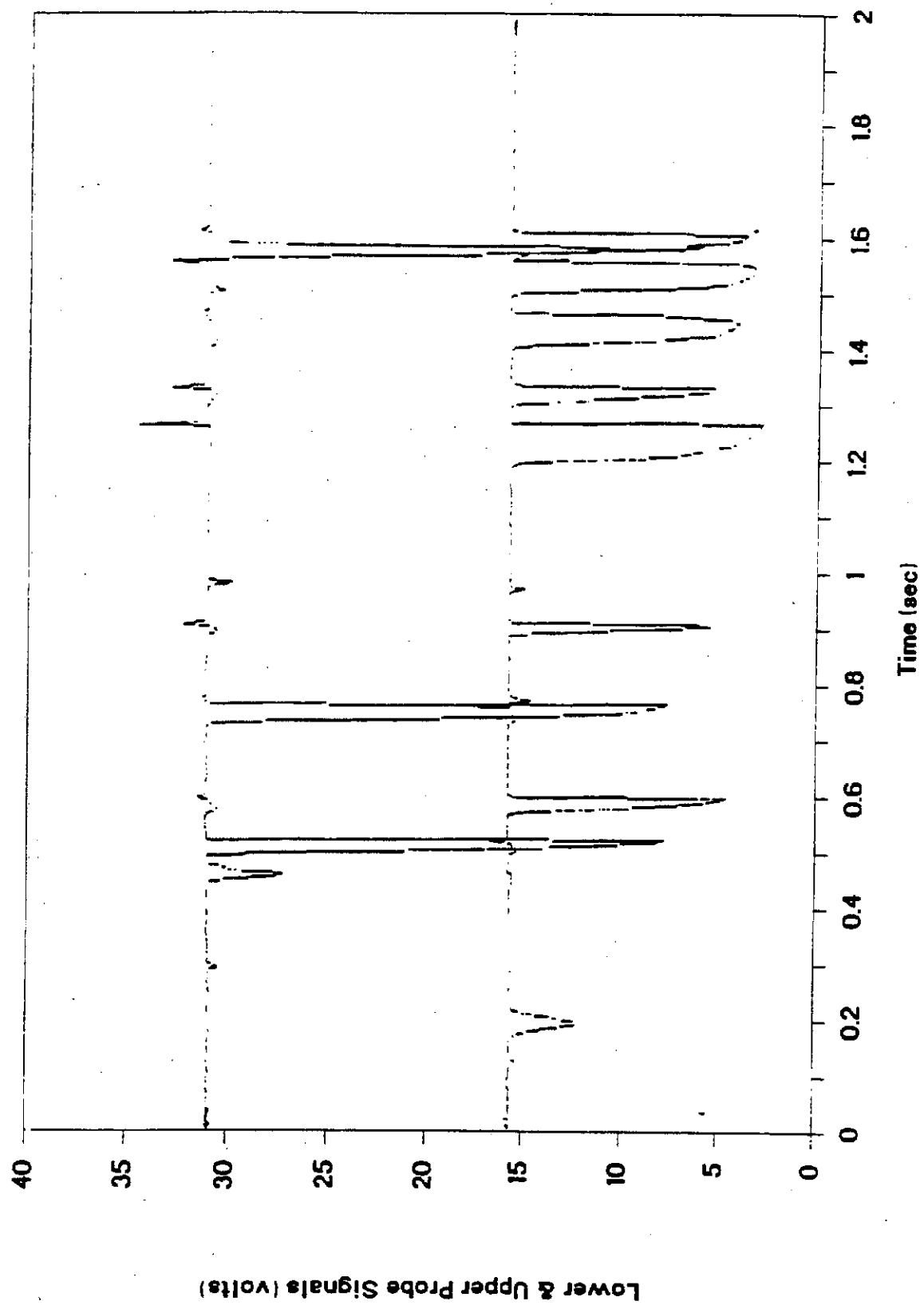


Figure 2.10 - Experimental Trace form Lower and Upper Probe