

**MAINTENANCE MANUAL  
RADAR ANTENNAS**



O. Tilt Control Check

- (1) On test harness (1), place TILT ADJ switch to position 1.
- (2) Rotate tilt control clockwise. The antenna should move towards the waveguide in a standard mounted version (the antenna should move away from the waveguide in the inverted mounted version).
- (3) Rotate tilt control clockwise and counterclockwise. Measure the voltage at TP1007 for each direction of rotation.
- (4) The voltage for both maximum clockwise and counterclockwise knob rotation should be 2.85 volts rms  $\pm$ 0.2 volts rms.