

The Automated Calibration Interface Panel

The NWS Metrology R&D Program is developing the Automated Calibration Interface Panel (ACIP) to reduce the labor hours to calibrate the AN/UPM-155 Radar Test Set. This is accomplished by connecting all digital outputs to a suite of standards initially through the ACIP. The ACIP then automatically connects the output under test to the necessary standard, thus eliminating the need to reconfigure connections during calibration.



Figure 1
ACIP prototype connected to AN/UPM155