

## **ITOP 6-2-528**

### ***RADAR SIGNAL PROCESSOR TEST PROCEDURES***

#### **SCOPE**

This International Test Operation Procedure (ITOP) outlines the test methods used to measure processing performance and characteristics of radar systems. Test signals are injected through the antenna or directly into the receiver or processor. Measurements are made at the processor output or at the display. Analog functions of the radar receiver (noise figure, RF losses, etc.) are tested in ITOP 6-2-529, Radar Receiver Procedures. The test methods serve as a guide in determining the overall efficiency of such equipment as a function of their design and their recorded performance. It is assumed that the operator has a working knowledge of radar and radar systems. If a conflict exists between the accuracies, frequencies, and levels stated in this ITOP and those stated in the appropriate requirements documents, the requirements documents must be used.