

ITOP 6-2-242

ANALOG COMMUNICATION TRANSMITTER AND RECEIVER

SCOPE

This ITOP defines and describes the necessary test procedures to be conducted for evaluating the performance of analog modulated (AM and FM) communication transmitters and receivers. Although this document provides a full test suite, the amount of testing conducted for a specific test item should be in accordance with its anticipated conditions of use and quality level.

In order to provide a broad scope of application, this document does not impose any specification limits. Therefore, those limits may be derived from the equipment specifications or any established sources such as MIL-STD's or other national and European standards. Some tests parameters are specified, however, to produce test data allowing performance comparisons between different equipment.

The scope of these procedures is comprehensive enough to model complete systems (made of several transmitters and receivers) and to derive system performance or inter-system compatibility data.