

Multi-Receiver Option

For the ATC-5000NG (ATCNGOPT03)

COBHAM

Product Description

Cobham AvComm

Overview

This option provides the capability and corresponding software screens to create scenarios of multiple targets and messages. These can be transmitted on up to three different frequencies: 1090 MHz, 1030 MHz and 978 MHz. This allows the user to create scenarios with targets from each frequency band, to test that the multi-receiver can simultaneously receive these messages. The UAT and 1090 messages will be transmitted on the top and bottom ports. The 1030 messages will be transmitted on the selected port.

Description of Multi-Receiver Test Screens

Measurement Screen

- Two channel oscilloscope screen with trigger and port selections available

Own Aircraft Screen

- Settings available include: Mode S Address; Latitude; Longitude; Altitude; Heading

RTCA/DO-260 Test Screen (Option)

- See DO-260B MOPS Test Option (ATCNGOPT06) Product Description, document p/n 1020PD-OPT06.

Receiver Screen

- Indicators display types of messages being received. Messages can be captured, displayed, and logged in a data file.

Scenario Screen

- *Gives user the ability to create scenarios and setup:*
 - Scenario duration
 - 1090 MHz ADS-B dynamic and static targets
 - 1030 MHz ground station and TCAS messages
 - 978 MHz UAT dynamic and static targets
 - Initial MSO for dynamic and static
 - Dynamic and static UAT enable
 - MSO step dynamic and static UAT
- *Additional Scenario settings:*
 - Capture squitters and data logging
 - Static test mode
 - Slant range
 - Re-compile after load
 - Power mode
 - UAT I/Q filter magnitude
 - UAT horizontal spacing

For further information please contact:

Cobham AvComm
10200 West York Street
Wichita, KS 67215-8935 [USA]
Phone: (316) 522-4981
Fax: (316) 524-2623
AvComm.TechSales@cobham.com

or contact your Cobham AvComm
sales office