

TH-HPA-7450

Data Sheet

Description

The TH-HPA-7450* is a 2 MCU, linear, RF power amplifier. It amplifies the transmit RF signal generated by the SDU to the required power level to communicate with the satellite. Secondary functions of the TH-HPA-7450 include providing regulated +28 VDC power to the antenna via the TH-SDU and monitoring the DLNA built-in test equipment (BITE). The TH-HPA-7450 forms part of a dual channel Thuraya Aero Satellite System. It utilises forced air cooling and is equipped with an ARINC 600 port.

Features

- The HPA can support multichannel Thuraya Aero operation with HGA antennas
- Status LEDs provide visual output of HPA and DLNA Status
- Qualified for installation in nonpressurized and non-temperature controlled environments



TH-HPA-7450

Technical Specifications

Dimensions and weight:

Length: 344 mm
Width: 61 mm
Height: 194 mm
Weight: 4.2 kg

Interfaces:

ARINC 600 Connector:
RF Input: TNC Female
RF Output: TNC Female
Status and Control

Qualification:

DO-160E

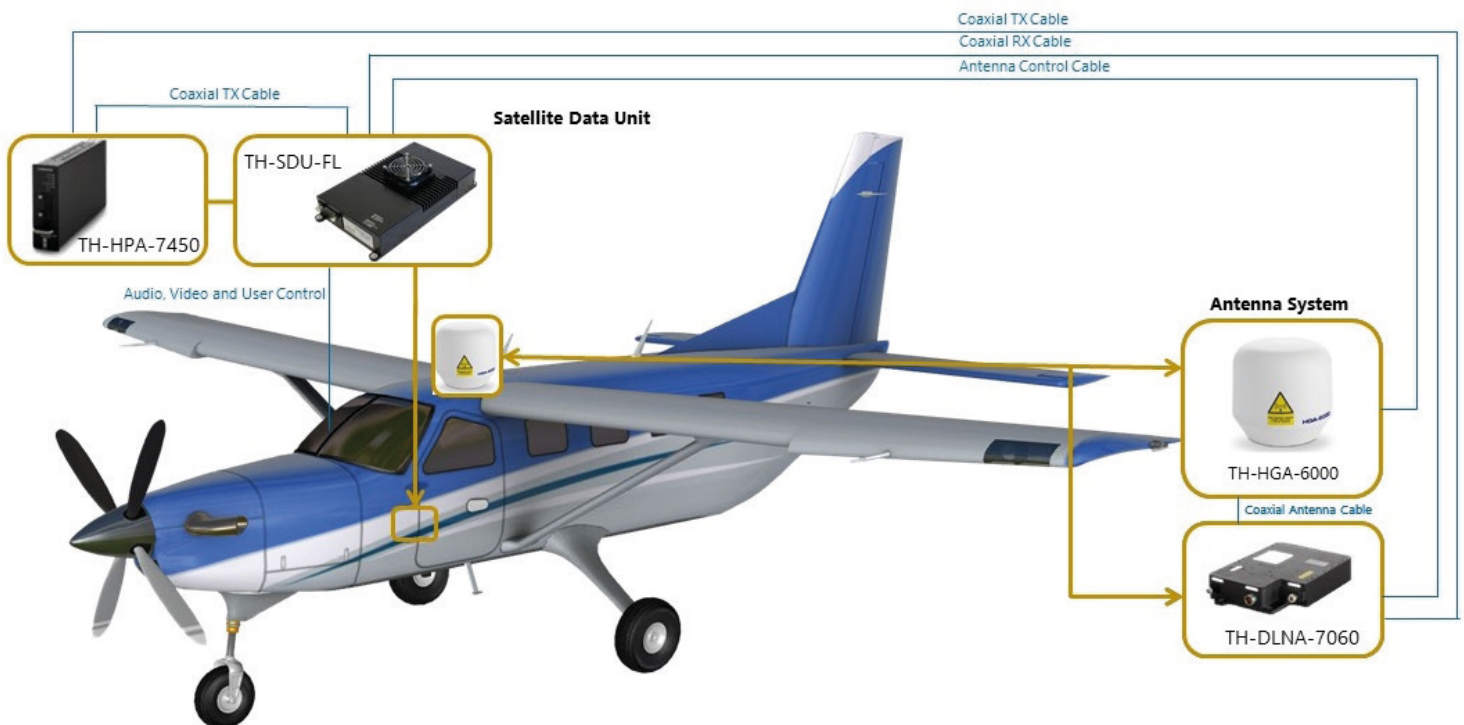
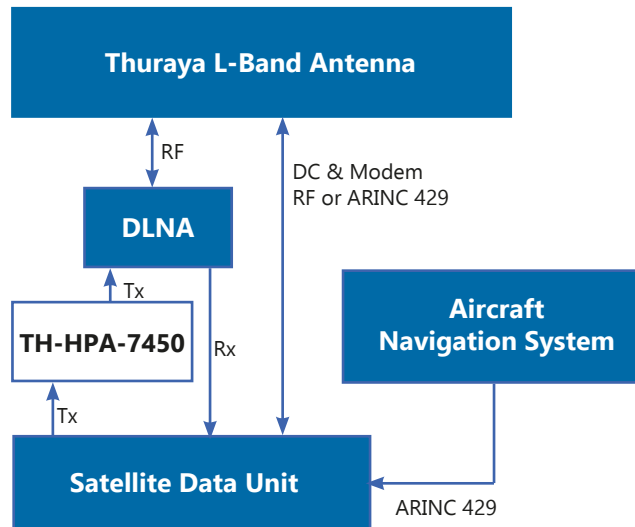
Thuraya Aero 

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