

Product Development - Electronics

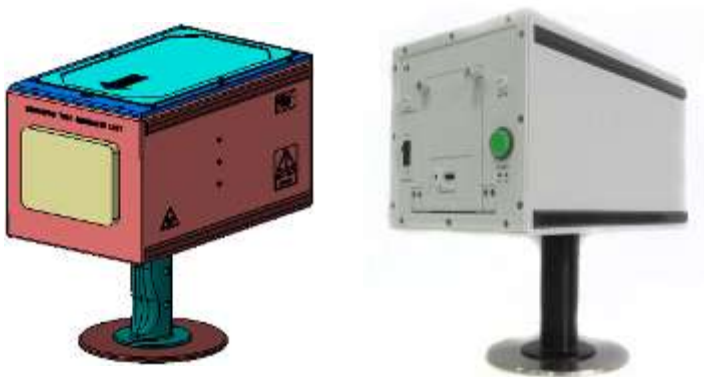
AXISCADES has proven capabilities in Design and Production of electronics systems for Aerospace and Defence applications. AXISCADES has a well-established practice which undertakes design and production of Electronics products. AXISCADES has delivered several products involving Digital, Analog, Communication, RF and Microwave technologies.

AXISCADES undertakes Design, Development, Production, supply and product support on Build to Specs and Build to Print basis.

Activities

- Product Specification
- Product Design
- Hardware Design and Development
- Embedded Software Design and Development
- Mechanical, Housing Design and Manufacturing
- Assembly, Integration and Testing
- Certification - Mil 810G, CE
- Packaging and Delivery

Microwave Signal Generator



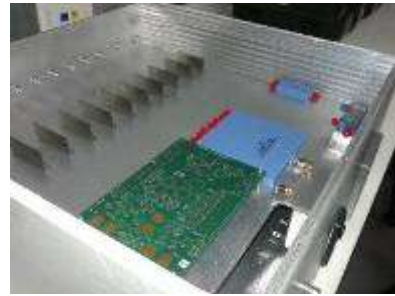
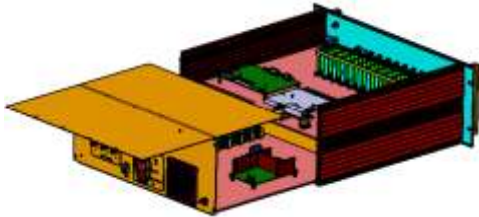
- Tests the on-board Electronic Warfare (EW) systems.
- Battery operated to enable the operator to carry the unit with one hand.
- Ruggedized design.
- Operates in two frequencies - 6 GHz and 8 GHz.
- Operator selectable pulse mode and continuous mode of operation.
- BITE features and Self Power Measurements for feedback.
- Compliance to global safety standard

Products

Product Development - Electronics

RF Signal Simulator

- Used to test the Electronic Warfare (EW) receivers
- Simulates radar signals from 2 GHz to 18 GHz.
- Simulates directions and power levels of the emitters.
- Can be cascaded to simulate complex scenarios.
- PC based user interface to create scenarios and operate the system.



CRT Heating System

- CRT Heating System is used to energise / heat CRT of aircraft display units during the testing.
- Two channels.
- Two modes of operation - Fixed Timer and Variable Timer.



Memory Docking Station

- Used as part of mission preparation and retrieval system.
- Functions as docking station for removable memory unit/Pilot Cartridges which carries mission planning data.
- Compliance to SATA 2.0 and USB 3.0 interfaces.
- Operates with USB power or external power.
- Designed for ruggedized use.
- CE Certified.