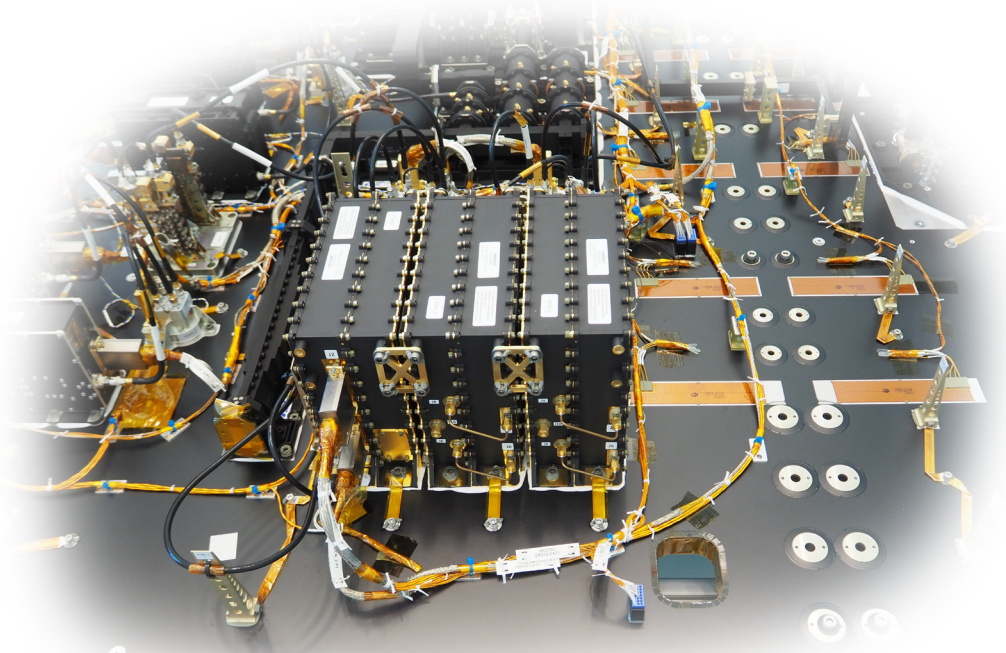




X-BAND COMMUNICATION
SATELLITE PAYLOAD

#SatelliteandSpace



aselsan

X-BAND COMMUNICATION SATELLITE PAYLOAD

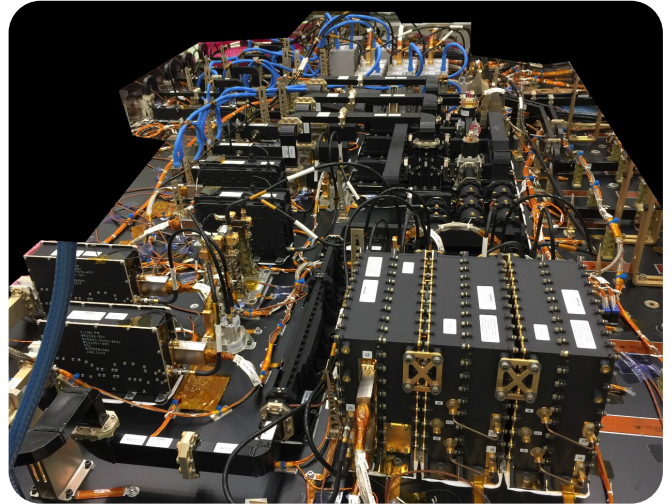
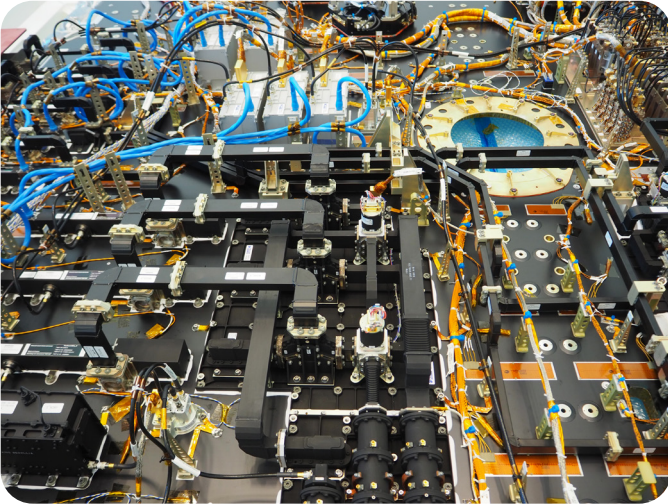
ASELSAN's LOCUS GEOX Product, which is comprised of 3 (three) transponders, is indigenously designed, manufactured, integrated, tested and verified according to GEO Satellite Platform needs by ASELSAN with maximum national capabilities.

The critical equipment serving under the Payload, Frequency DownConverter (DOCON), Channel Amplifier and Harmonic filter are also developed by ASELSAN's experienced personnel.

LOCUS GEOX is used to meet all kind of satellite communication needs for military purposes.

Technical Specifications

- Transparent Communications Payload Architecture
- 2 Main, 1 Redundant Channel
- Supports Linear and Limited Modes
- Conduction Cooled TWTAs
- Minimum 153 W TWTA Output RF Power
- Minimum 15 Years Mission Lifetime
- Coverage Areas
 - Main
 - Extended



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.