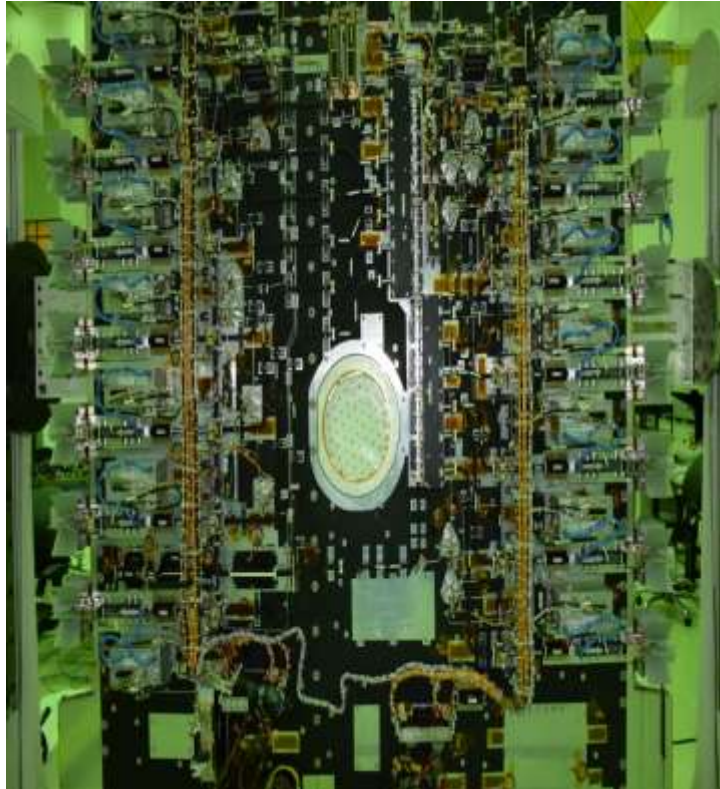


# GSAT-24 Communication Payload

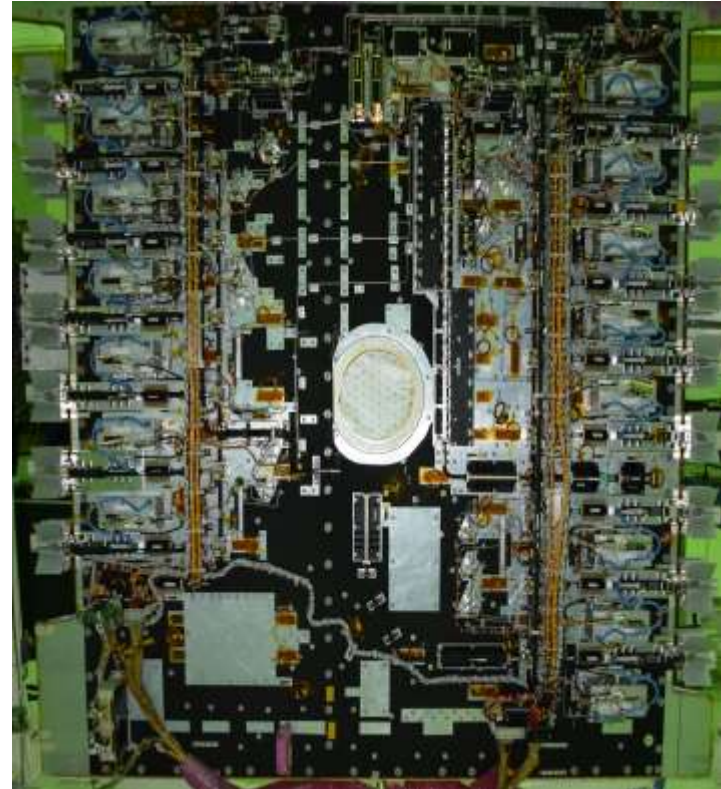
**Configuration: Ku-band DTH with 25  
Transponders with EIRP of 53.5dBW**

**Application: DTH**

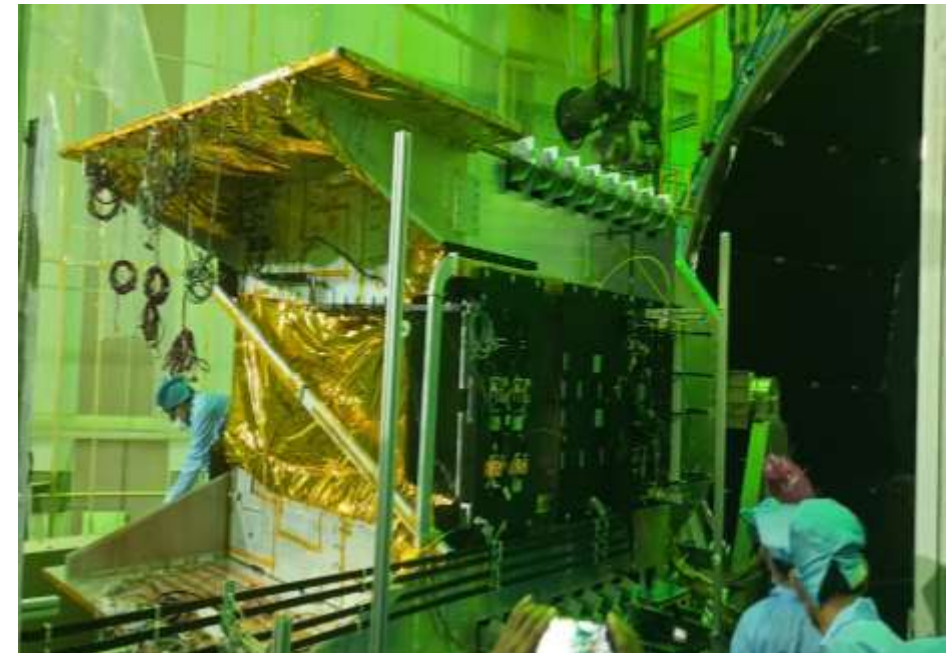
**User Agency: NSIL**



**Integrated North Panel**



**Integrated South Panel**



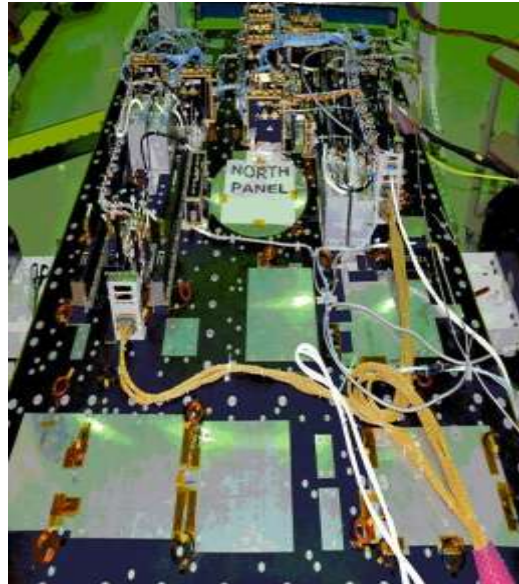
**Integrated GSAT-24 TVAC Test @ SAC**

## NavIC Payload (NVS-01/IRNSS-1J)

**Configuration: L1, L5 & S-band navigation payload & C-band ranging transponder**

**Application: Position, Navigation & Timing Services**

**User: Public, Defence/Strategic**



**NVS-01 North Panel**



**Integrated NVS-01 TVAC**

# RISAT-1A

**Configuration: C-band Active Phased Array Synthetic Aperture Radar**

**Application: Agriculture**



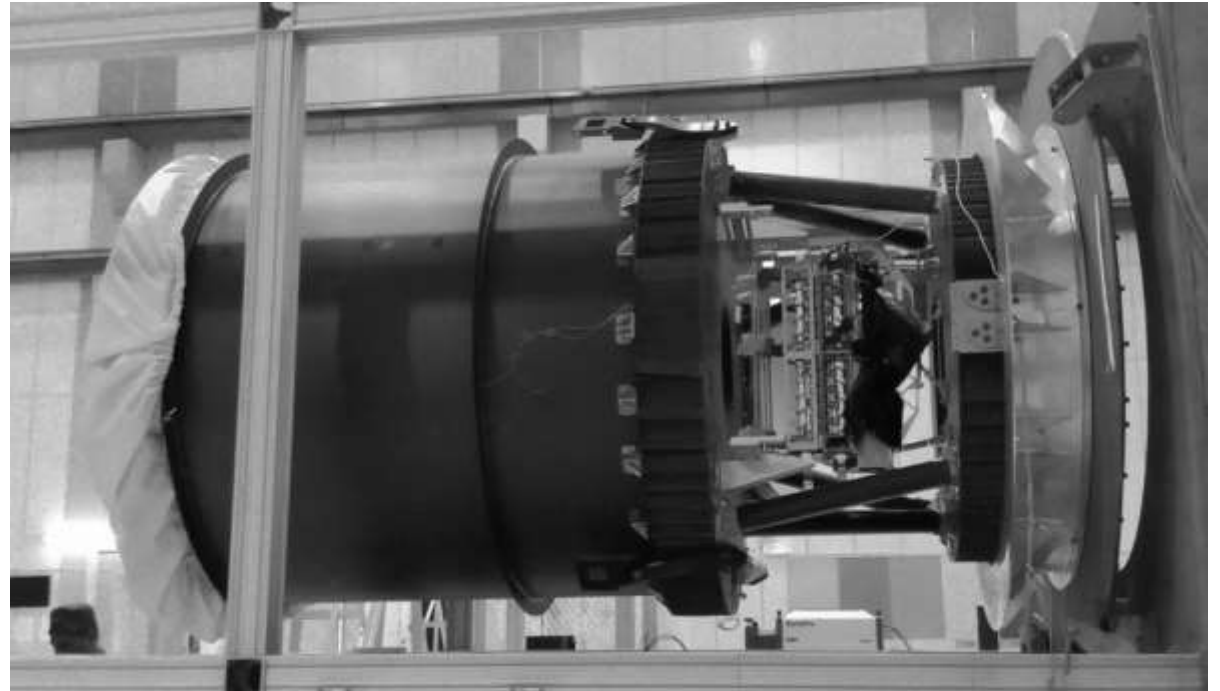
## CARTOSAT-3

### Configuration:

#### Very High resolution

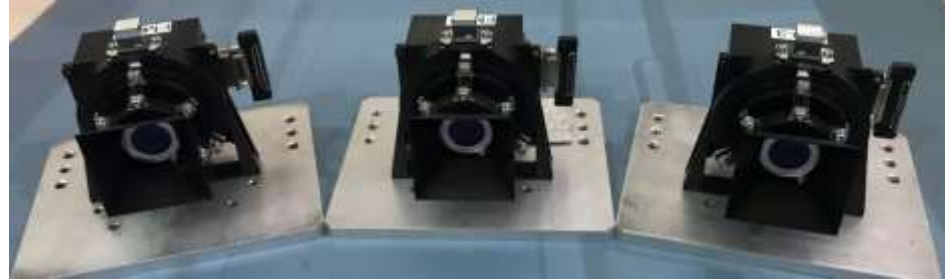
- 0.28 m PAN, 1.12 m MX
- 17 km swath

#### Application: Cartography



# Payloads for Chandrayaan-3

**Configuration: Similar to Chandrayaan-2**  
**Application: Planetary Science Experiments**  
**User: Scientific Community**



Lander Cameras (LPDC & LHDAC)



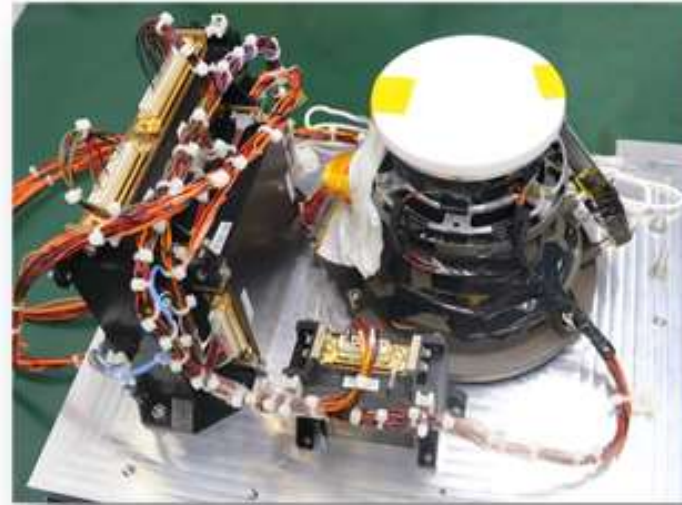
Ka Radar Altimeter

# Payloads for Small Satellite: INS-2TD (Thermal Imaging Camera)

## Configuration:

Parameter	Value
Mass (kg)	2
Altitude (km)	524
Spectral bands ( $\mu\text{m}$ )	7.6 to 13.8
GSD (m) @ Nadir	175
Swath (km) @ nadir	67 x 50

## Application: Technology Demonstrator

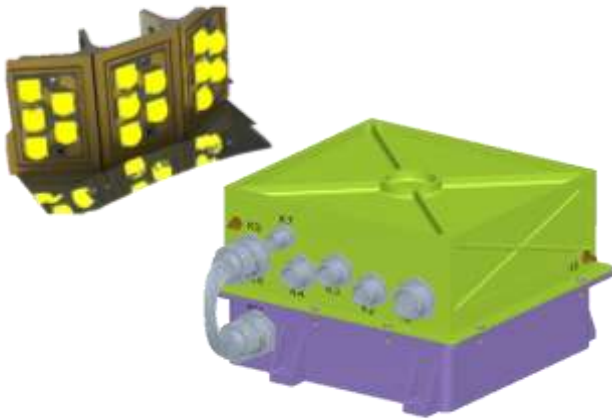


TIC P/L on Dummy Deck @ SAC

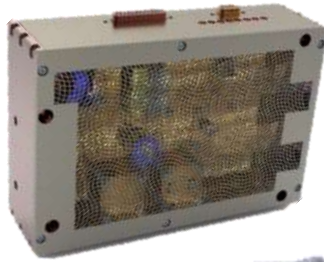


TIC P/L on S/C Deck @ SHAR

# Gaganyaan Packages/Payloads



TV-D1 Systems



ECLSS Systems