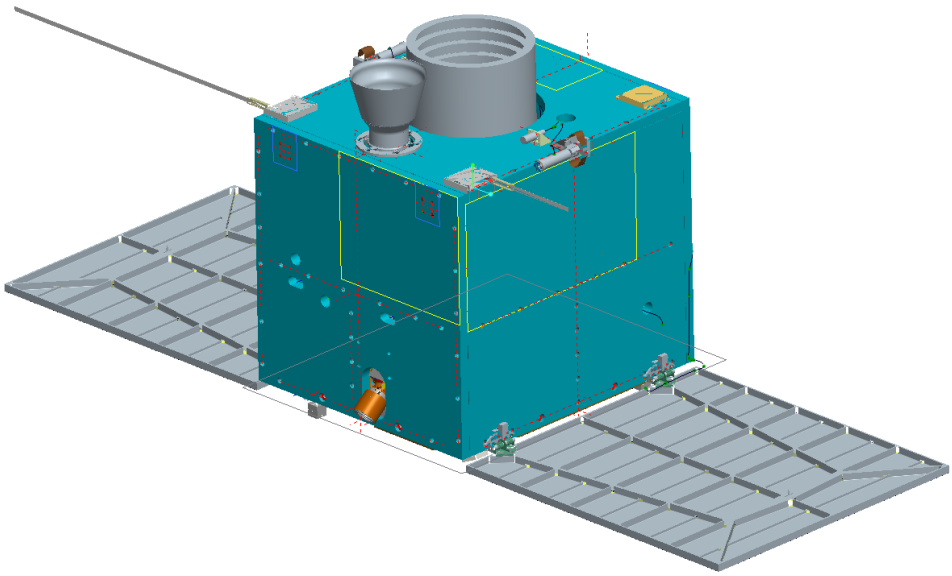
CAMSAT News Release

CAS-4A and CAS-4B Satellites from CAMSAT Launched

Two CAMSAT's armature radio payloads piggybacked on the optical remote sensing micro-satellites OVS-1A and OVS-1B have been launched at 11:00BJT on June 15, 2017 at The Jiuquan Satellite Launch Center of China, using CZ-4B launch vehicle. The primary of this launch is a hard X-ray modulation telescope satellite (HXMT).



- **Satellite Name: CAS-4A/OVS-1A**
- Architecture: Micro-satellite
- Dimensions: 494Lx499Wx630H mm
- Mass: 55kg

- Stabilization: three-axis stabilization system with its +Y surface facing the earth
- Primary Payload: optical Camera with 1.98m resolution
- Orbit:
  - Orbit type : Sun synchronization orbit
  - Apogee : 524km
  - Inclination : 43º
  - Period : 95.1min

- Amateur Radio Payload:
  - Call sign: BJ1SK
  - VHF Antenna: one 1⁄4λ monopole antenna with max.0dBi gain is located at +Z side
  - UHF Antenna: one 1⁄4λ monopole antenna with max.0dBi gain is located at -Z side
  - CW Telemetry Beacon: 145.855MHz 17dBm
  - AX.25 4.8k Baud GMSK Telemetry: 145.835MHz 20dBm
  - U/V Linear Transponder Downlink: 145.870MHz 20dBm, 20kHz, Inverted
  - U/V Linear Transponder Uplink: 435.220MHz

- **Satellite Name: CAS-4B/OVS-1B**
- Architecture: Micro-satellite
- Dimensions: 494Lx499Wx630H mm
- Mass: 55kg
- Stabilization: three-axis stabilization system with its +Y surface facing the earth
- Primary Payload: optical Camera with 1.98m resolution
- Orbit:
  - Orbit type : Sun synchronization orbit
  - Apogee : 524km
  - Inclination : 43º
  - Period : 95.1min

- Amateur Radio Payload:
  - Call sign: BJ1SL
  - VHF Antenna: one 1⁄4λ monopole antenna with max.0dBi gain is located at +Z side
  - UHF Antenna: one 1⁄4λ monopole antenna with max.0dBi gain is located at -Z side
  - CW Telemetry Beacon: 145.910MHz 17dBm
  - AX.25 4.8k Baud GMSK Telemetry: 145.890MHz 20dBm
  - U/V Linear Transponder Downlink: 145.925MHz 20dBm, 20kHz, Inverted
  - U/V Linear Transponder Uplink: 435.280MHz

73!
Alan Kung, BA1DU