

Kompsat-5

Mission

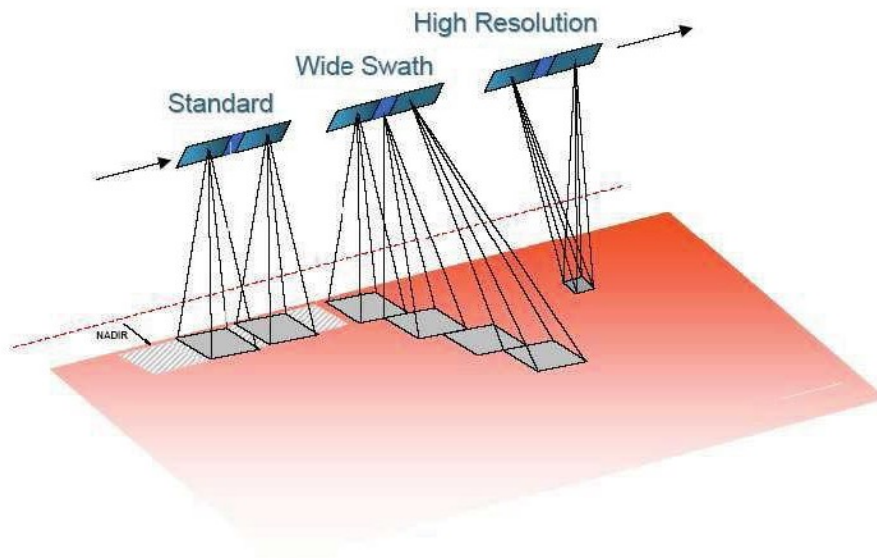
KOMPSAT-5 operations. The main mission objectives of KOMPSAT-5 system are to provide the following applications (GOLDEN mission):

- Geographic Information System
- Ocean Management
- Land Management
- Disaster Monitoring
- ENvironment Monitoring

Imaging modes

The KOMPSAT-5 can be acquired in three observation mode.

Observation modes with one polarization selectable among HH, VV, HV, or VH



Mode	Description
HR (High Resolution)	In High Resolution Mode, the SSS (SAR Sensor Subsystem) shall provide Spotlight images with sliding spot extension of 5 km x 5 km swath width and a spatial resolution equal to 1 m x 1 m single look at 45o incidence angle
ST (Standard Mode)	In Standard Mode, the SSS shall provide Stripmap images with medium resolution, medium swath imaging, swath extension equal to 30 km and a spatial resolution of 3 m x 3 m single look at 45o incidence angle.
WS (Wide Swath)	In Wide Swath Mode, the SSS shall provide ScanSAR images with swath extension equal to 100 km and a spatial resolution of 20 m x 20 m at 45o incidence angle.