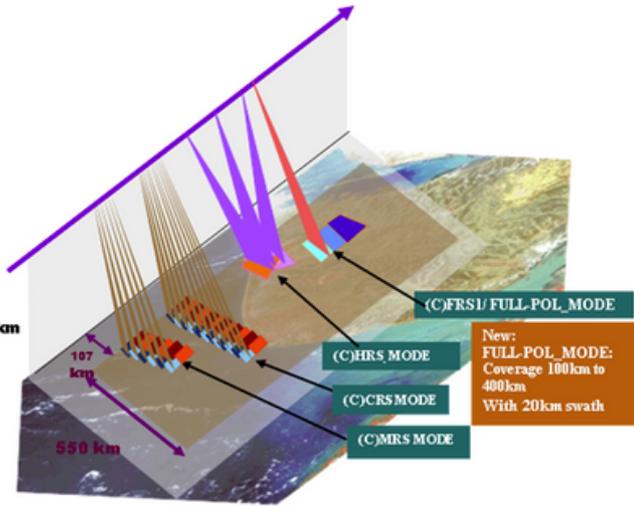


EOS-04 IMAGING MODES

EOS-04	FRS-1 (StripMap)	FRS-2 (StripMap)	MRS (ScanSAR)	CRS (ScanSAR)	HRS (Sliding Spotlight)
Swath (km) * Full Pol	25 Km (*20)	25 km (*20)	160 km (*115)	223 km (*168)	15 km
Polarization	Single, Dual, Circular, Full Pol	Single, Dual, Circular			
Resolution Azimuth x Slant Range(m)	3 m x 2 m	3m x 4m	33 m x 8 m	50 m x 8 m	1 m x 2 m
Worst Sigma Naught (dB)	≤ -18	≤ -19	≤ -18	≤ -18	≤ -18
Off-Nadir (km) * Full Pol	100 – 650 (*100-400)	100-650 (*100 – 400)	100 – 650 (*100 – 400)	100 – 650 (*100 – 400)	100 – 650



EOS-04 is a follow on mission of Radar Imaging Satellite-1 with the imaging modes similar to RISAT-1 viz. STRIPMAP, SCANSAR and SPOTLIGHT. In addition to the Hybrid polarimetry, Full Polarimetry imaging capability has been introduced in EOS-04.

EOS-04

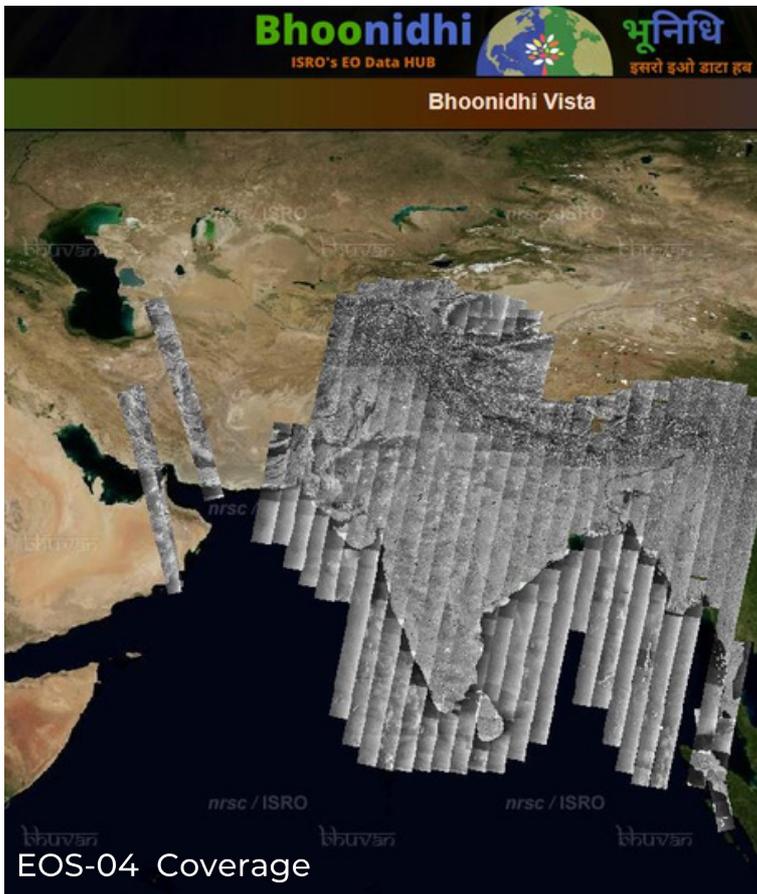
C BAND

ACTIVE RADAR LAUNCHED TO PROVIDE CONTINUITY OF SERVICES IN MICROWAVE REMOTE SENSING APPLICATIONS

BHOONIDHI VISTA



Visualization of EOS-04 data in near real time and native resolution for the data acquired daily



- Incremental View of the data acquired on a particular day or between two dates at varying zoom levels to understand the coverage of a satellite's acquisition in a cycle.
- Time Lapse Animation feature - allows users to view Time Lapse animation over the Area of interest within a date range which demonstrates changes in the area of interest as was acquired by the satellites in the past few cycles.