

ASI

COSMO-SkyMed & SAOCOM-Europe

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COSMO-SkyMed (1st & 2nd Generation)

- X-band wavelength, capacity for full polarimetry (QP)
- NOTE: Cosmo Data Policy is not open. Only research groups that apply to an open call will be granted with CSK products and will be able to access them.
- More details on the CSK open call:
https://www.asi.it/bandi_e_concorsi/open-call-for-science-data-utilization-of-the-cosmo-skymed-mission-first-and-second-generation-english-version/

SAOCOM-1A/B over Europe Exclusivity Zone

- L-band wavelength, capacity for full polarimetry (QP)
- Acquisitions only over the ASI Area of Exclusivity (Europe):
- Current observation strategy is very straight forward:
 - acquiring in interferometric mode in stripmap dual pol, VH-VV, both in asc. & desc. with 2 beams (s3 and s4), every 16 days.
 - SAOCOM duty cycle limits → South and central Europe covered, Scandinavia excluded
- Exceptions:
 - Turkey: HH-HV (instead of VH-VV) with 3 beams (s3, s4, s5), every 24 days
 - South of Italy (below Rome latitude): 3 beams (s3, s4, s5) every 24 days
- SAOCOM data access over the ASI Area of Exclusivity: not openly accessible but through research proposals to ASI. For details: <https://www.asi.it/en/earth-science/saocom/>