

Tomosense campaign

Simultaneous Mono- and bi-static multiple acquisitions performed over a temperate forest

Acquisition configurations

Tomosense campaign

Correlation features







P band



Higher-frequency: C band



Two-layer model parameter estimation



Azimuth [km]

Conclusion

• Incoherent tomography: unique solution for 3D imaging from space at higher frequencies • Spatial and temporal sampling: performance vs safety/mechanical constraints compromise Robust signal processing options have been designed and validated