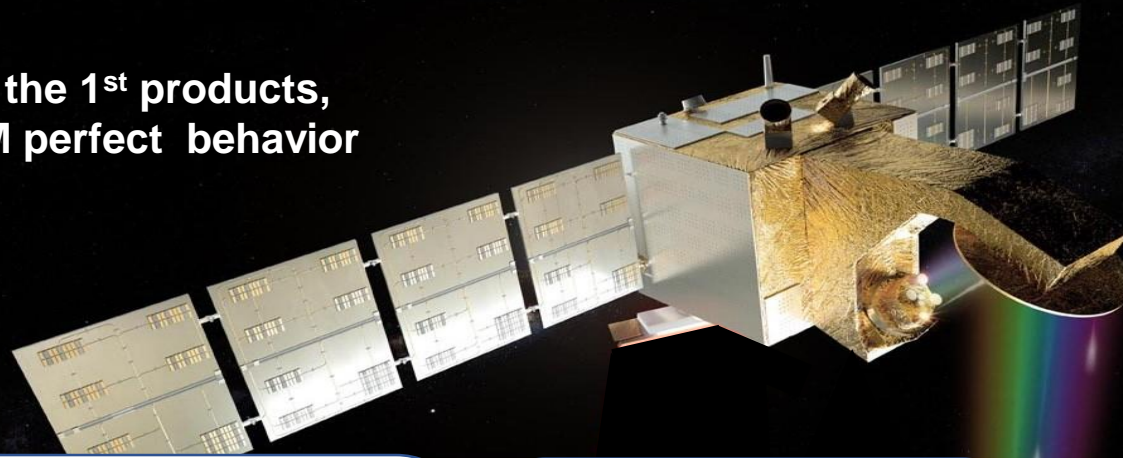
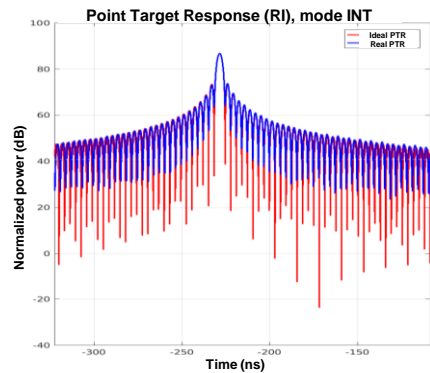


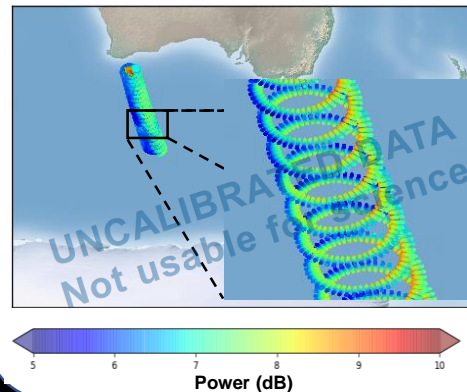
Great results for the 1st products,
evidencing SWIM perfect behavior



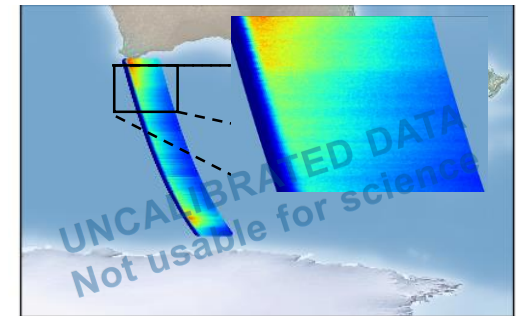
Level 1



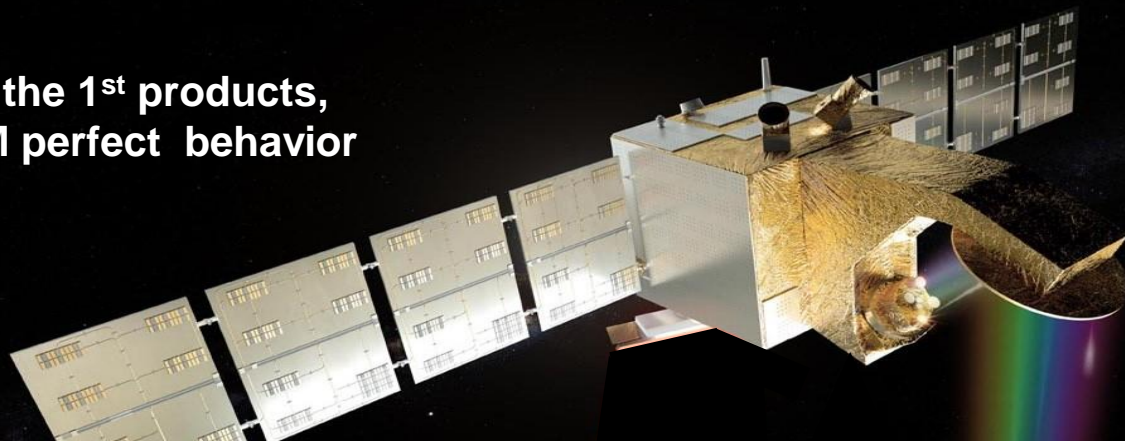
Geocoded power measured at 10° incidence



Nadir waveform (plotted along the swath)

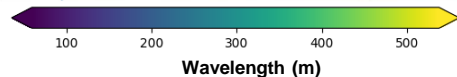
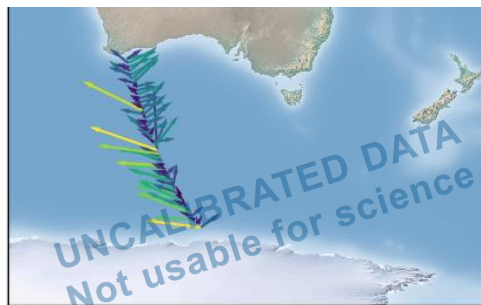


Great results for the 1st products,
evidencing SWIM perfect behavior

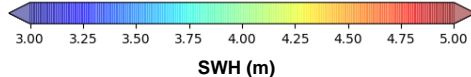
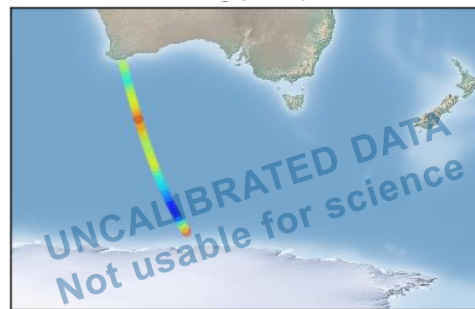


Level 2

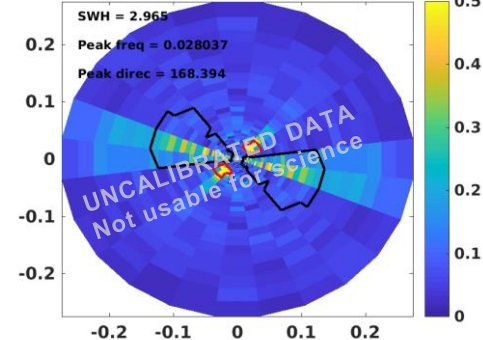
Peak direction and wavelengths for 2 sea states
(2 arrows per measurement point)



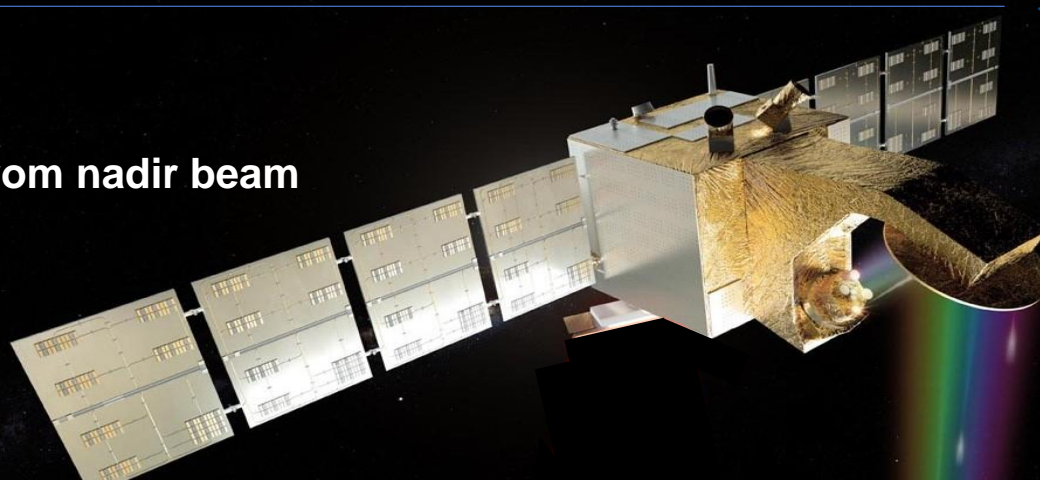
SWH along satellite track (from 2D wave Spectra)



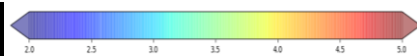
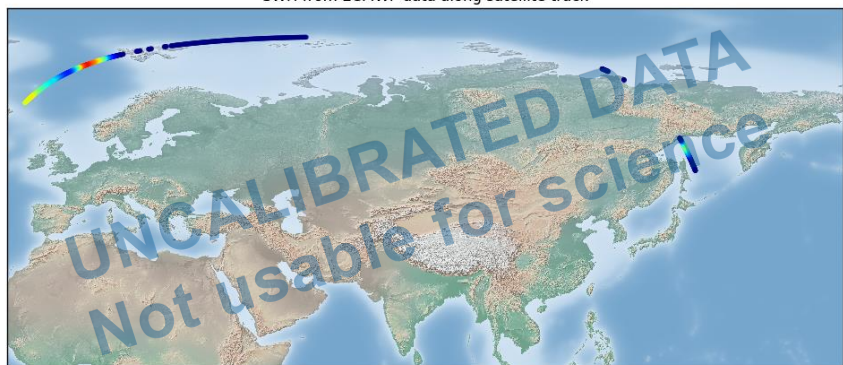
Wave spectra box : 313 spectra beam : 2



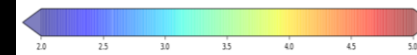
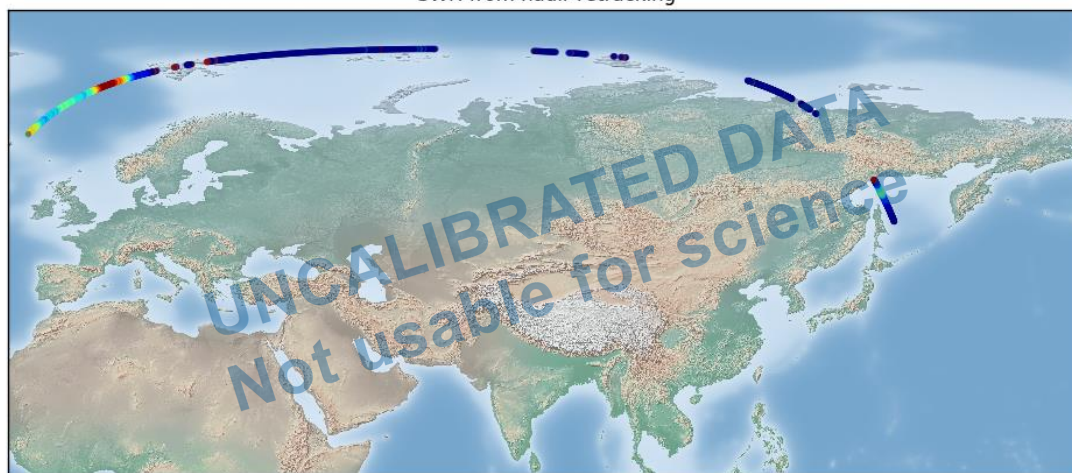
Perfect fitting between SWH from nadir beam
and ECMWF forecast!



SWH from ECMWF data along satellite track



SWH from nadir retracking

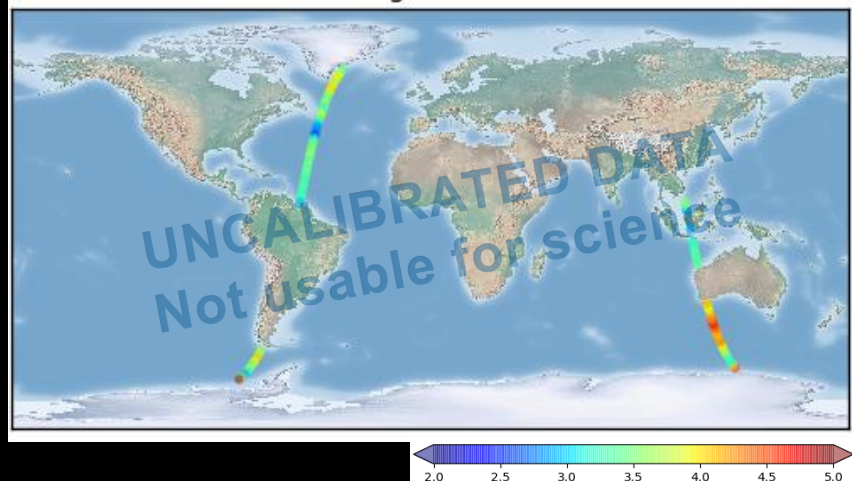


SWH from 2D wave spectra vs ECWF forecast:

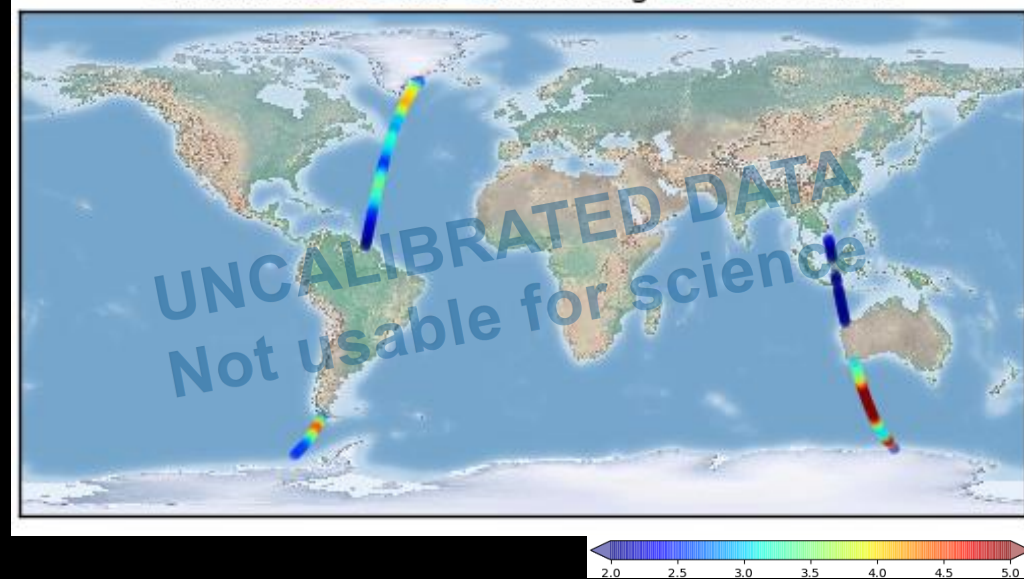
- Perfect fitting on oceanic structures
- Values still to be calibrated in the coming weeks



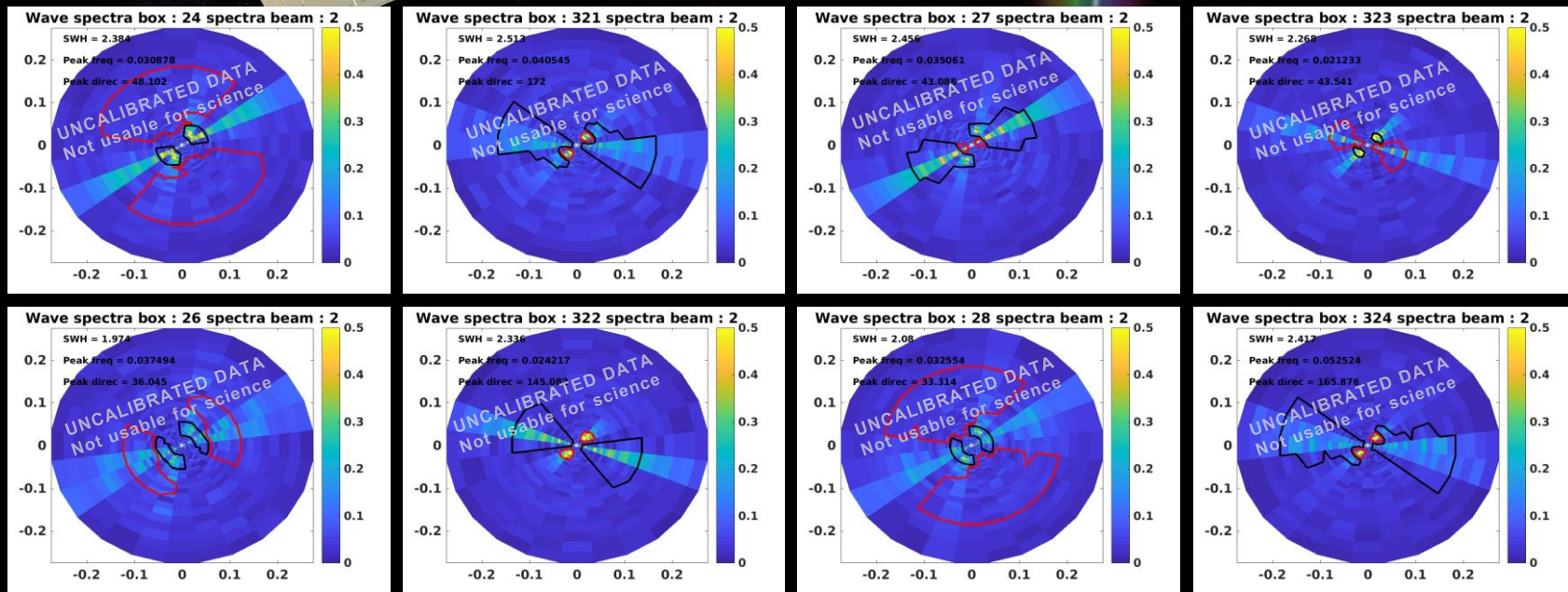
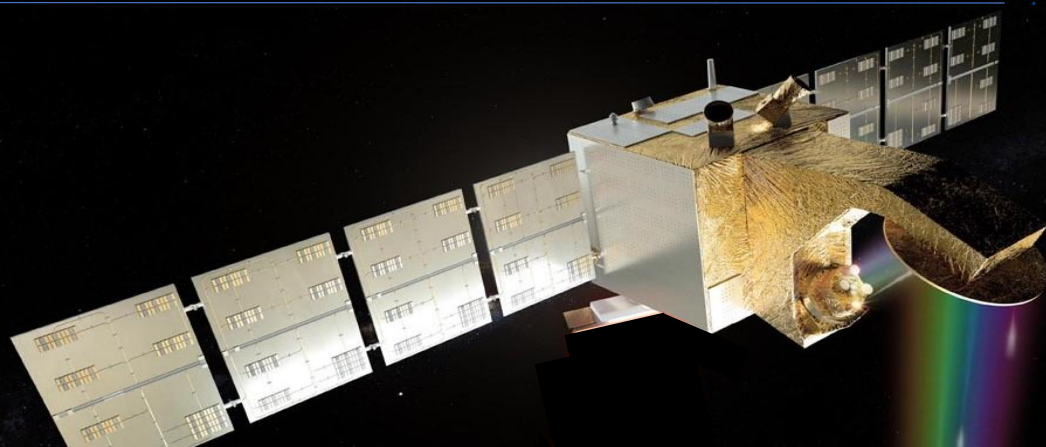
SWH along satellite track



SWH from ECMWF data along satellite track

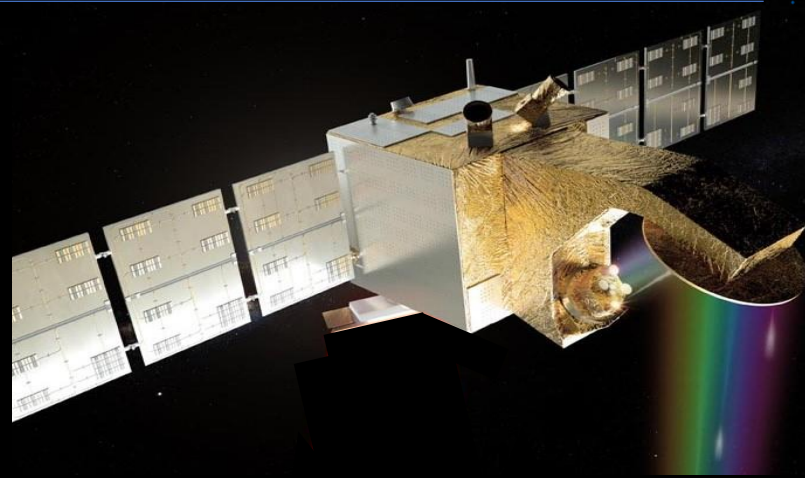


Some examples for 2D wave spectra of SWIM



Successful milestones

- ✓ **October 29th : CFOSAT Launch**
- ✓ **November 1st : Switch ON of SWIM, antenna release and antenna rotation**
- ✓ **November 2nd : Calibration modes**
- ✓ **November 3rd : Tracking mode with first results**



SWIM status is **NOMINAL**

- ✓ **Perfect behavior of the instrument**
- ✓ **Internal calibrations in line with ground measurements**
- ✓ **Acquisition of radar signals over Ocean, land and ice**

READY FOR CALVAL