

Post-EPS Candidate Missions

Microwave Imaging

Objectives

- precipitation and cloud products
- total column water vapour
- sea-ice, snow, sea surface wind

Benefits

- continuity of key microwave imager channels for NWP and NWC
- initialisation of NWP models with realistic cloud and precipitation estimates

Heritage

- SSM/I(S), AMSR-E

Baseline performance:

- precipitation products
- 18.7 – 183 GHz

Breakthrough:

- + cloud products
- 183 – 664 GHz

Implementation

- ESA development

