

IASI instrument status and performance

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ABSTRACT

The IASI instrument on board EUMETSAT MetOp satellites is a reference in the field of infrared atmospheric sounding. After the decommissioning of the MetOp-A satellite in 2021, two IASI instruments remain in orbit delivering high quality data with a remarkable stability.

In this presentation we will give a brief overview of the main indicators concerning the instrument radiometric, spectral and geometric performances, which are linked to L1 data quality. We will also present the latest intercalibration results between IASI instruments, as well as with respect to the CrIS instruments on board NOAA satellites. Finally, some perspectives concerning the IASI instruments will be presented, especially concerning the end of life of IASI-B and the launch of IASI-NG.