

IASI TECHNICAL EXPERTISE CENTER

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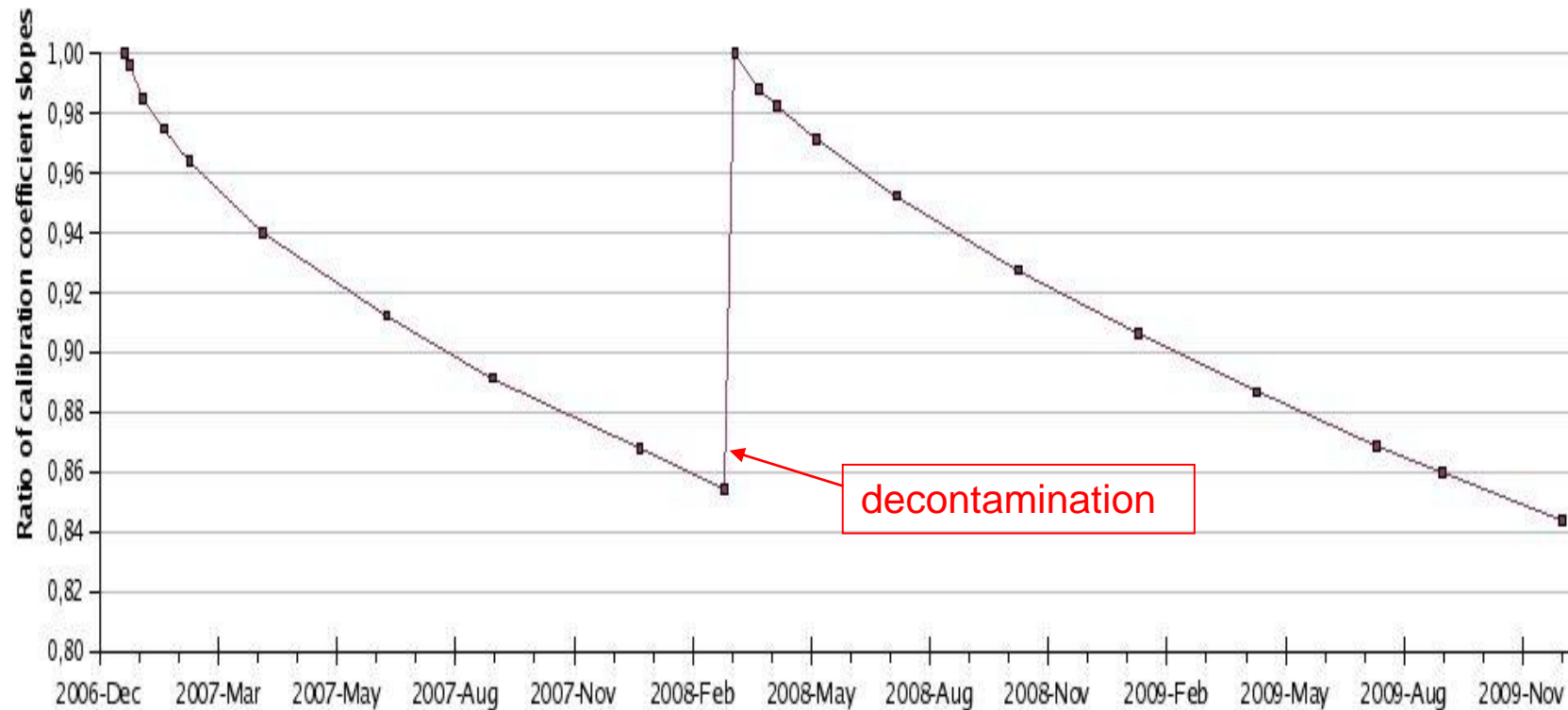
Human and material resources dedicated to:

- NRT instrument monitoring
- NRT L0 and L1 processing chains monitoring
- Delivering board and ground parameters to the EUMETSAT operational ground segment (CGS)
- L1/PPF processing chain maintenance

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Performances monitoring

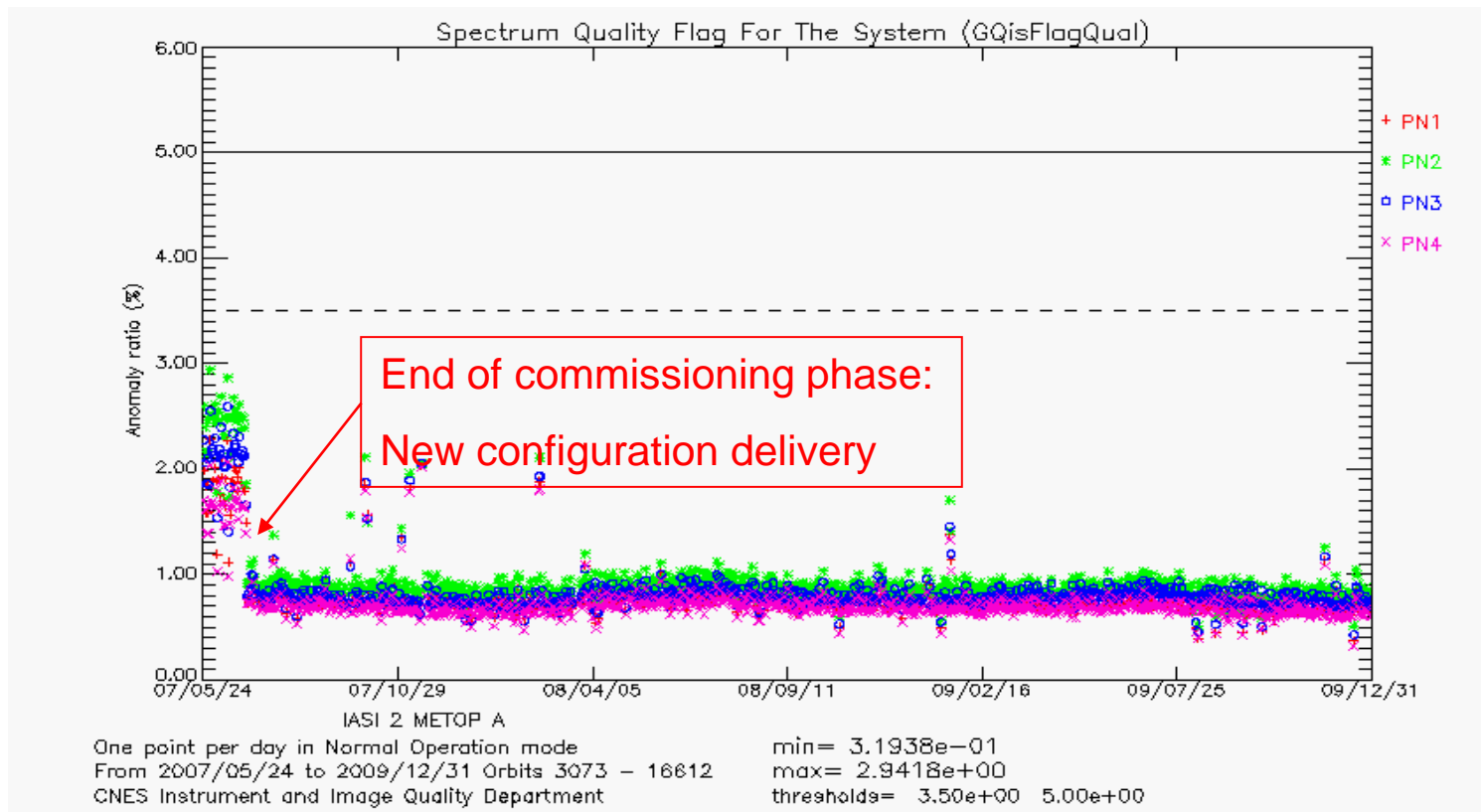
Evolution of the ratio at 850 cm-1



Optical transmission of IASI as a function of time

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Performances monitoring



IASI L1 data quality

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IASI L1/PPF processing chain

Key facts :

- IASI L1/PPF processes L0 data (raw data) to give L1 calibrated data + engineering and verification data (instrument sanity check)

Constraints :

- Near real-time data processing to insure a quick availability of data
- Process large amount of data : 30 Gb/day
- Stability because of operational usage
- Complexity (FFT, filtering, multi-threading ...)

IASI L1/PPF « Day-2 evolutions »