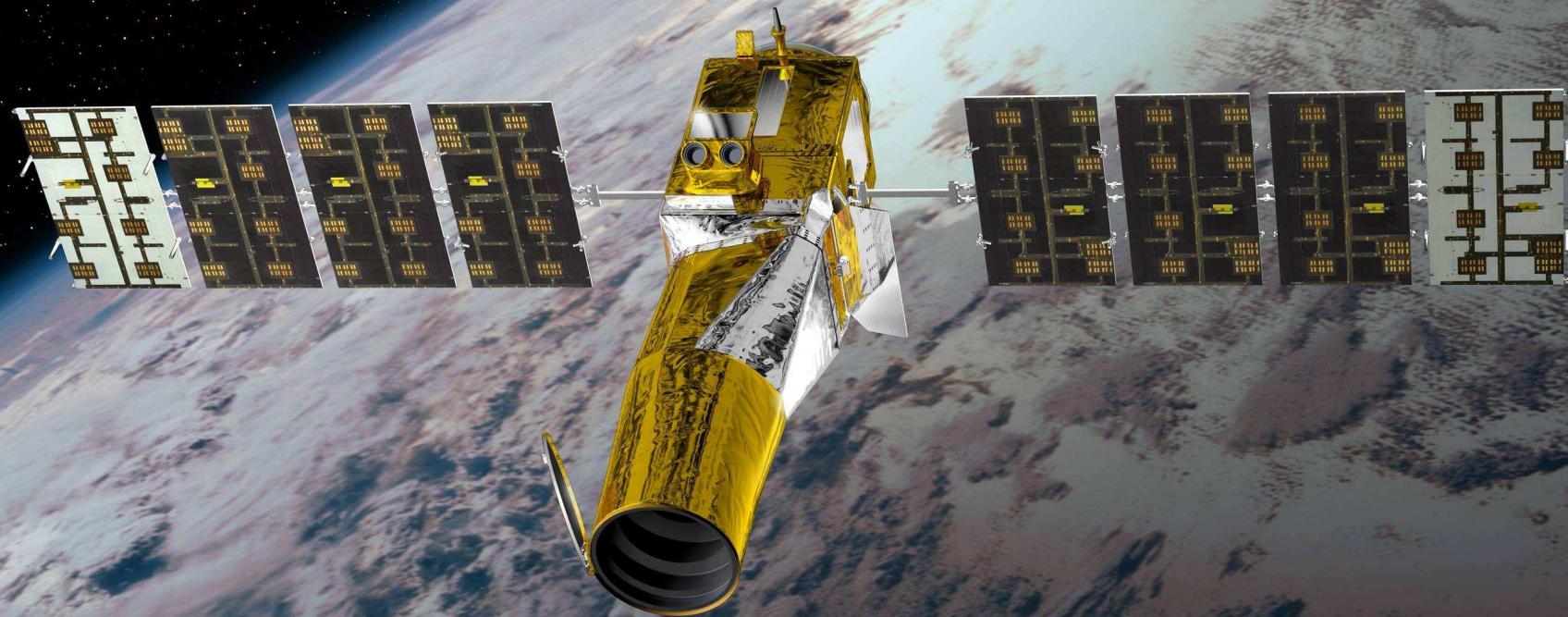




CENTRE NATIONAL D'ÉTUDES SPATIALES

# Corot Mission Status



38th Scientific Committee  
Paris December 10th, 2010





# Status of the System

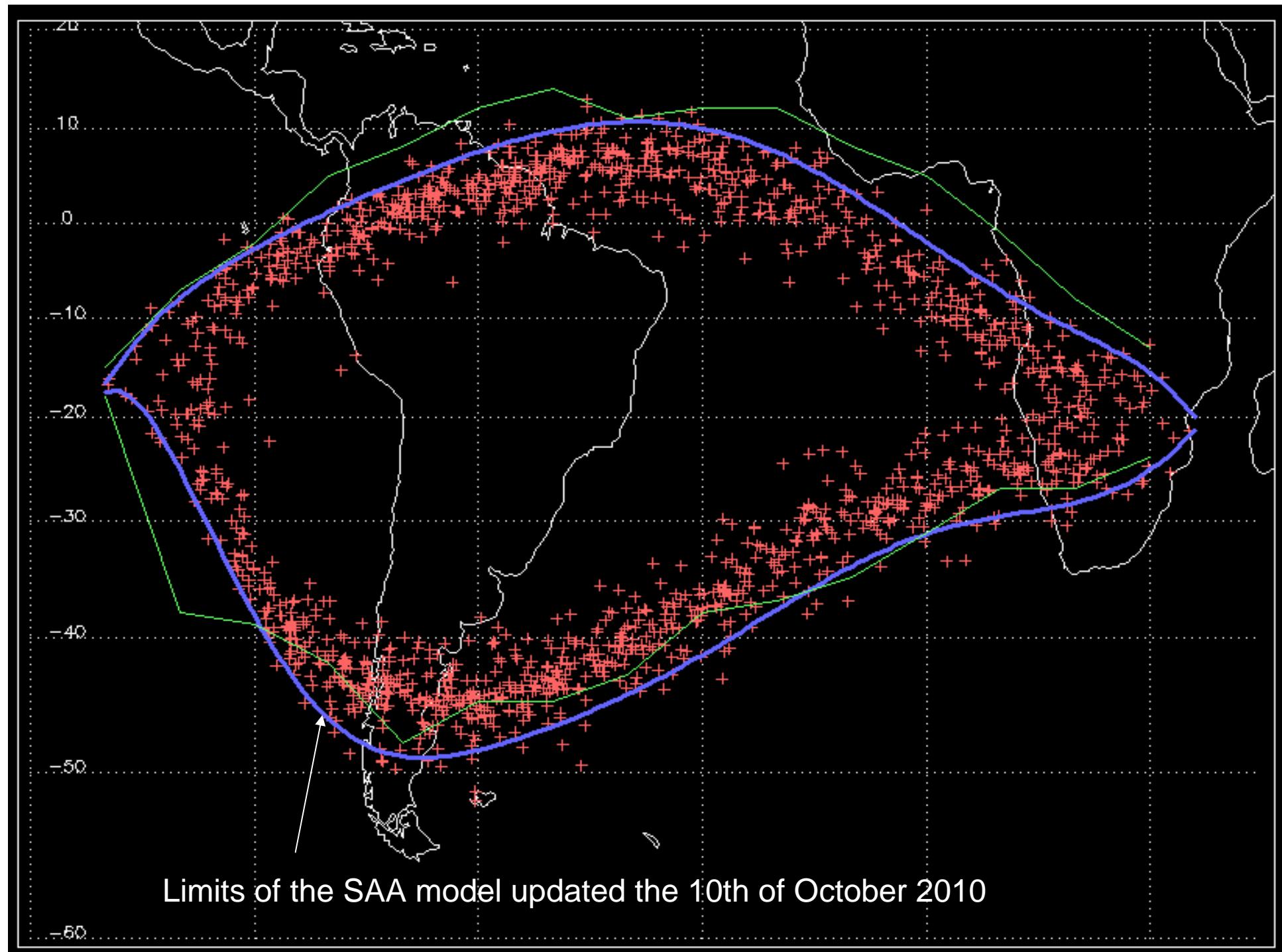
## ■ Satellite : OK

- ♦ DPU warming tests : no effect on data spikes

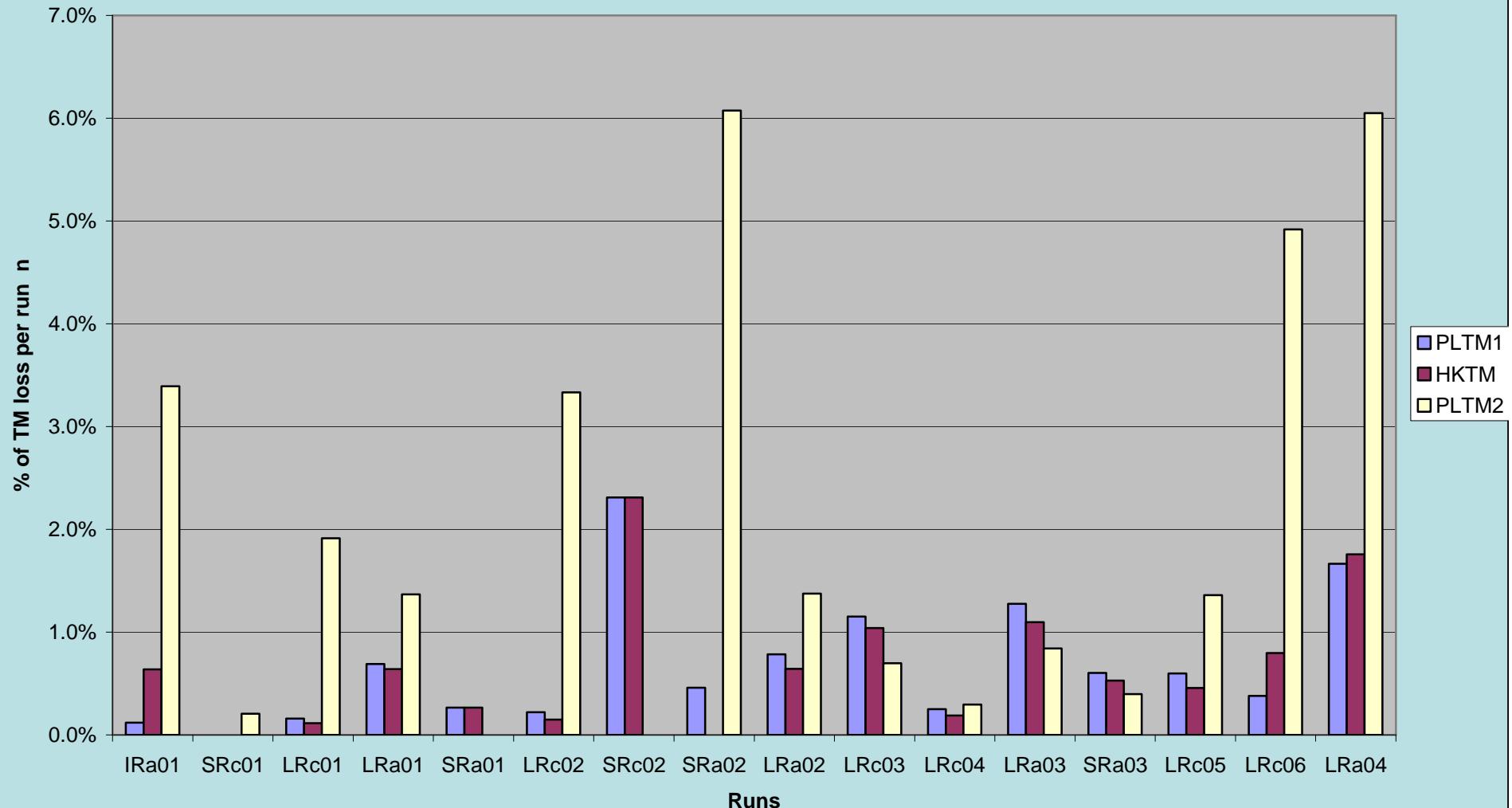
## ■ Instrument : OK

## ■ Ground segment :

- ♦ Control segment : OK
- ♦ Mission segment : OK
  - Corotsky & star catalogs updates
- ♦ Ground stations : see 2<sup>nd</sup> next

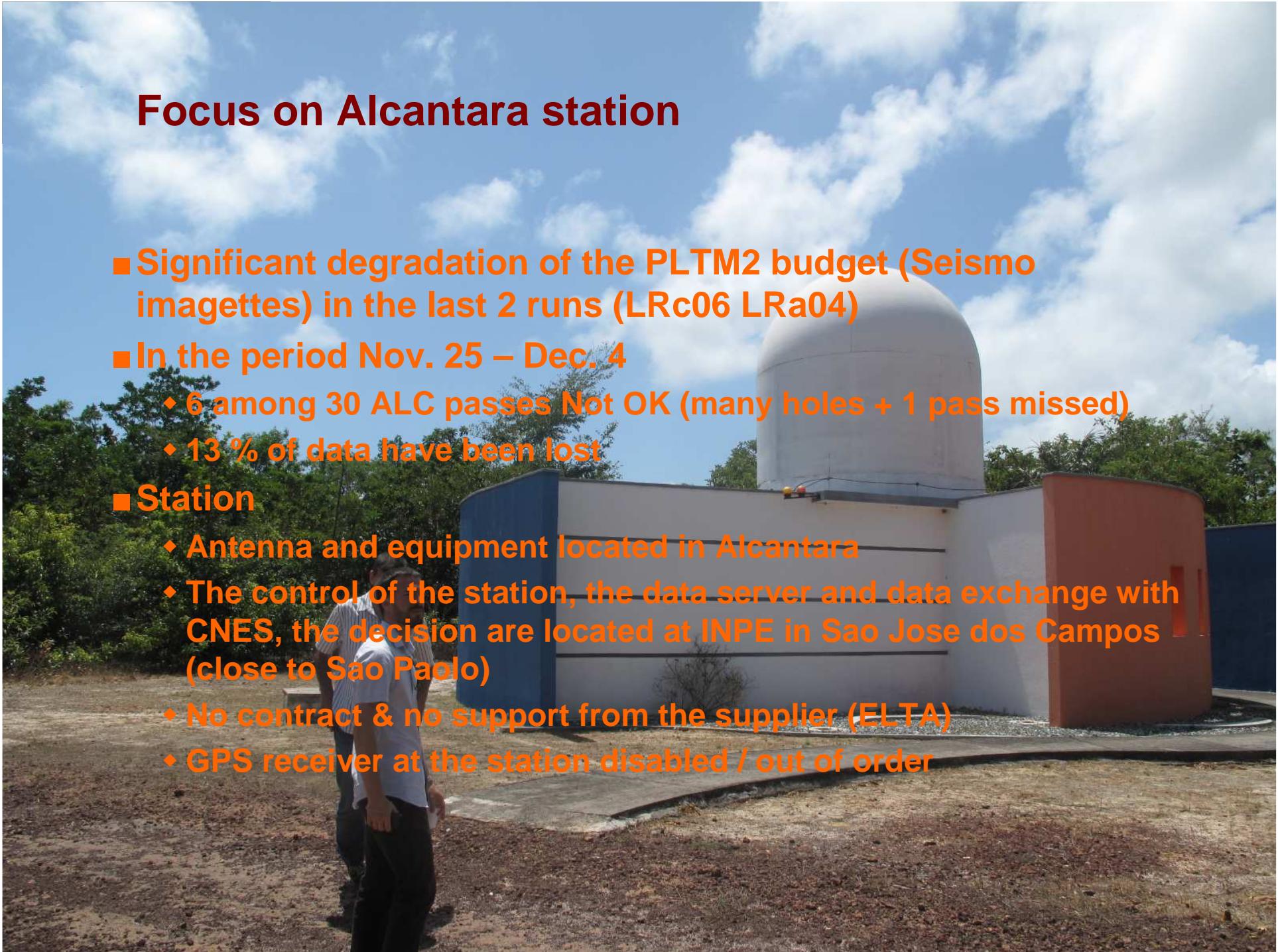


### Loss per run for each type of TM



## Focus on Alcantara station

- Significant degradation of the PLTM2 budget (Seismo imagettes) in the last 2 runs (LRc06 LRa04)
- In the period Nov. 25 – Dec. 4
  - 6 among 30 ALC passes Not OK (many holes + 1 pass missed)
  - 13 % of data have been lost
- Station
  - Antenna and equipment located in Alcantara
  - The control of the station, the data server and data exchange with CNES, the decision are located at INPE in Sao Jose dos Campos (close to Sao Paolo)
  - No contract & no support from the supplier (ELTA)
  - GPS receiver at the station disabled / out of order



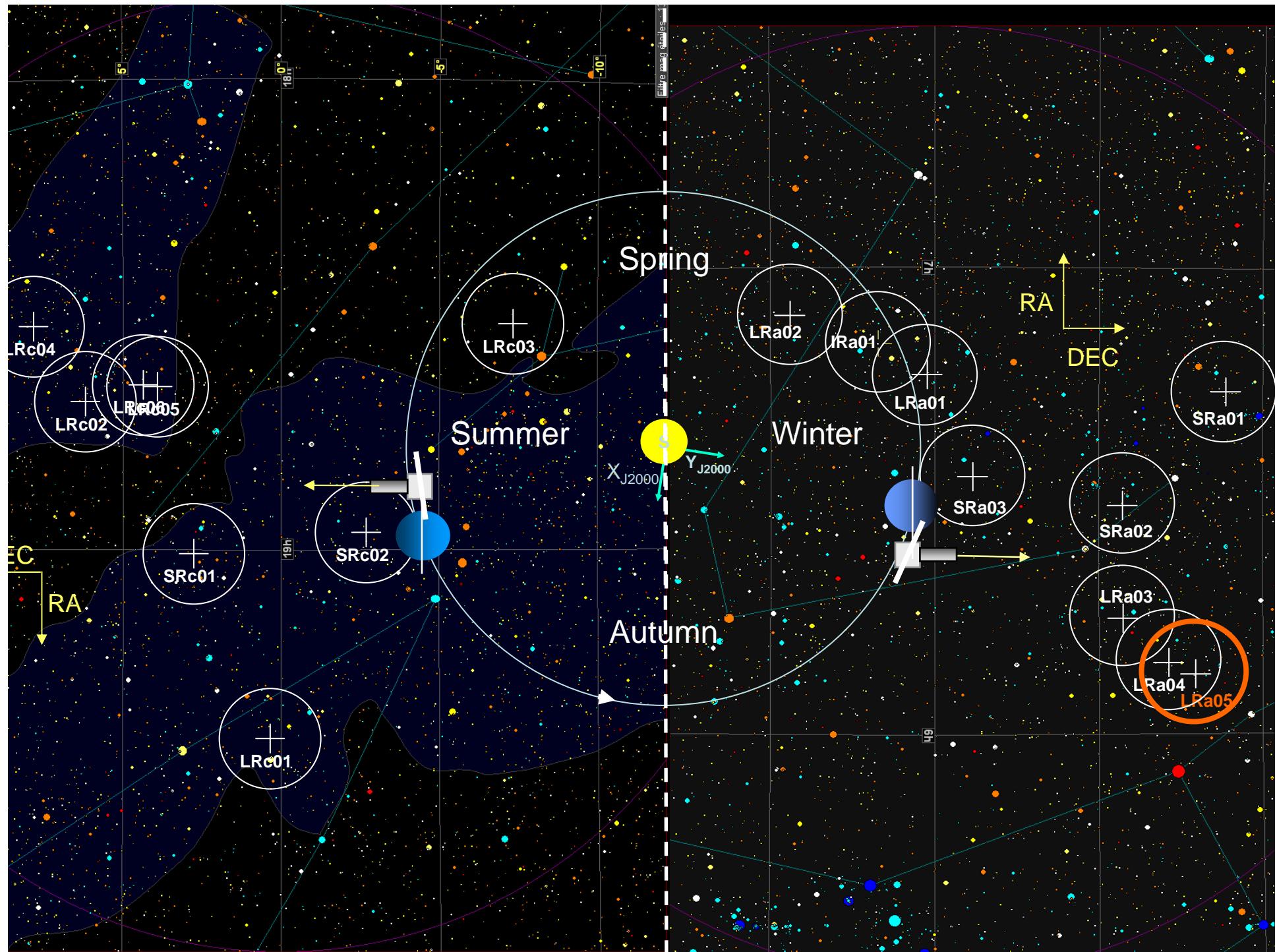


# Vienna Antenna : new antenna upcoming

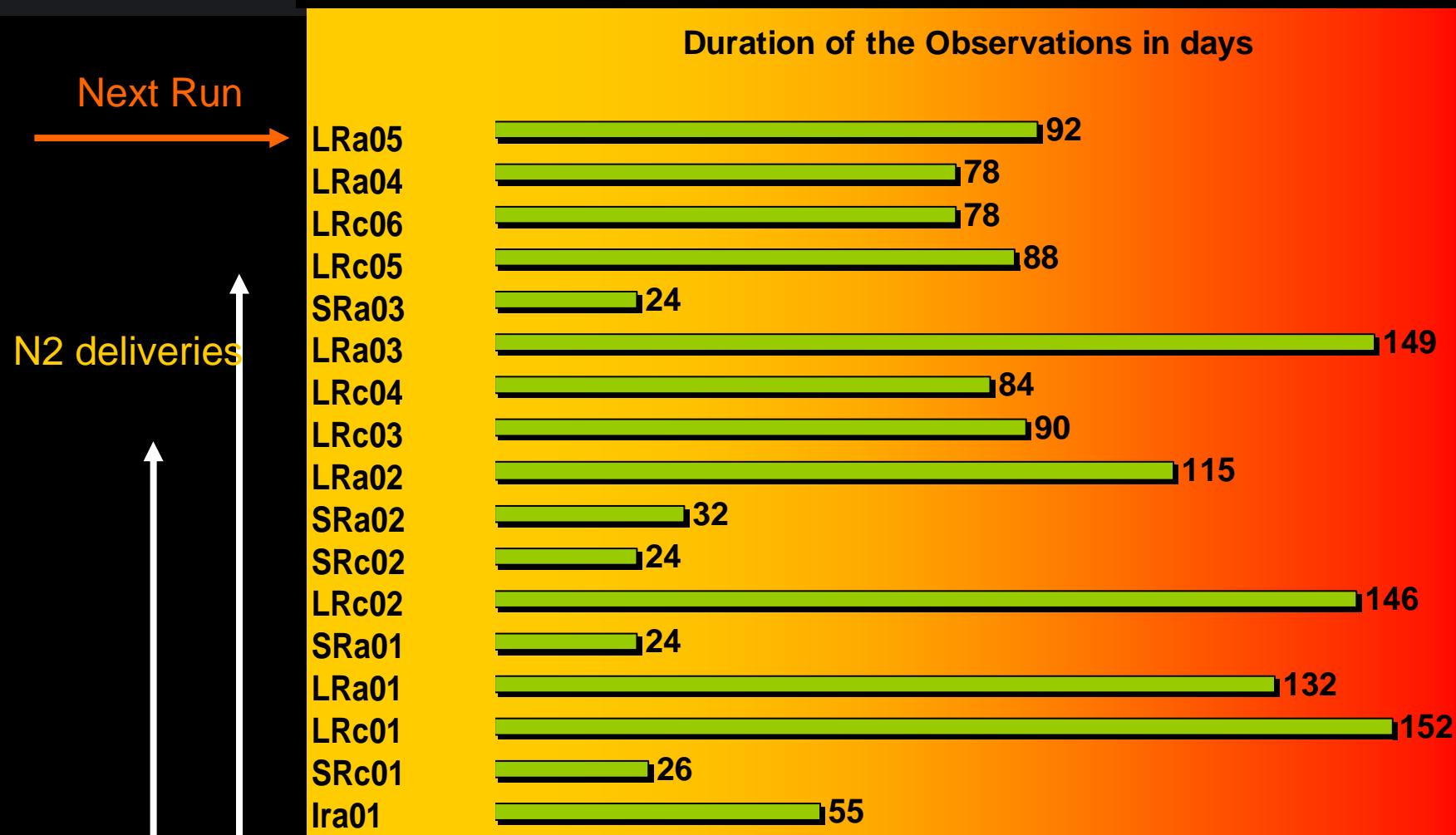


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- 16 Runs achieved  
- a new one to start soon



# Exo Oversampling rate on Chain 2

