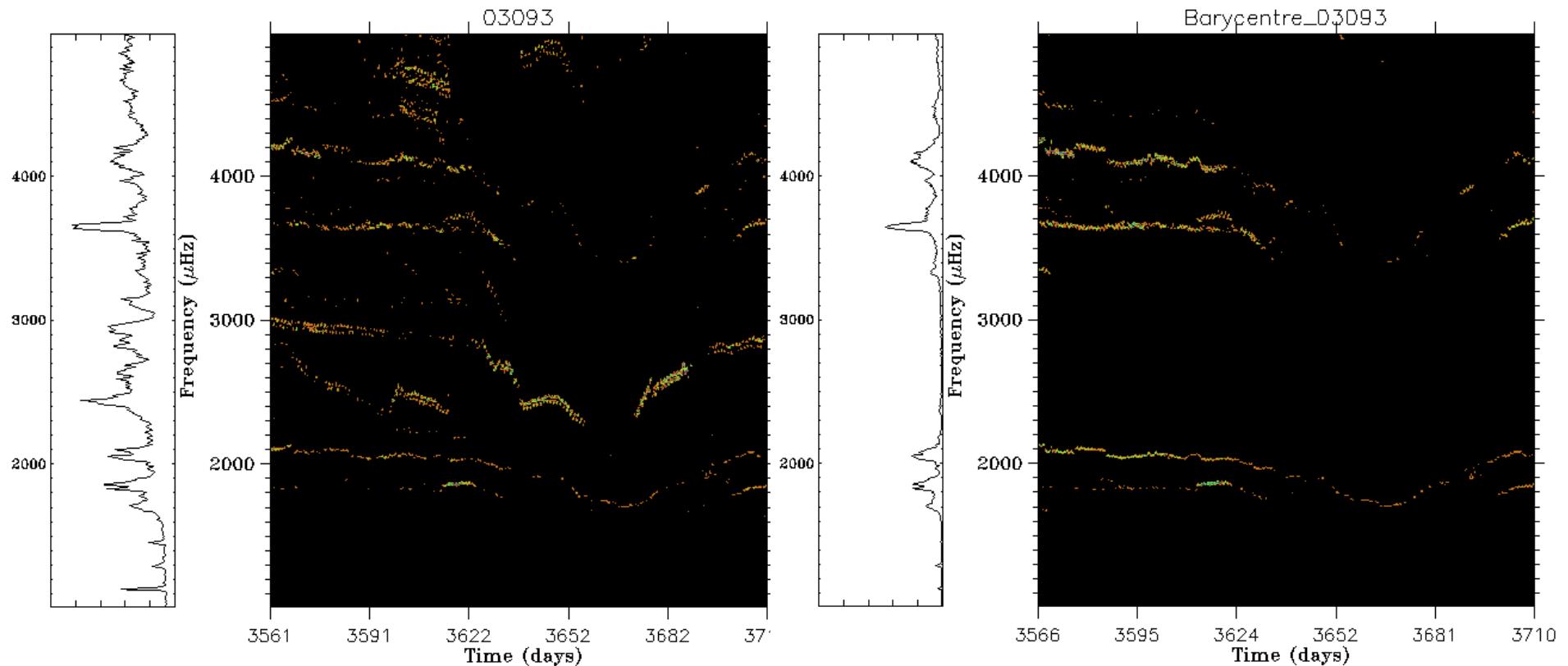
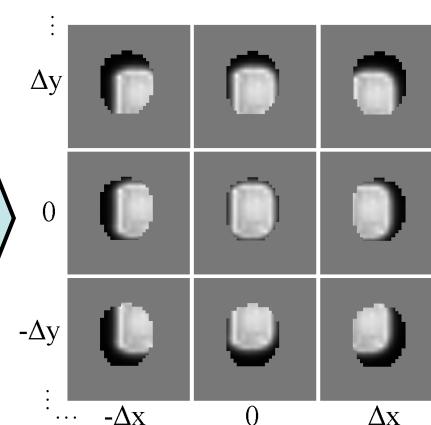
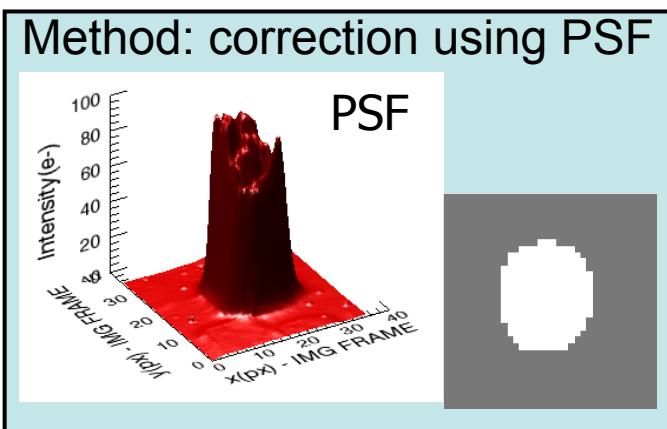
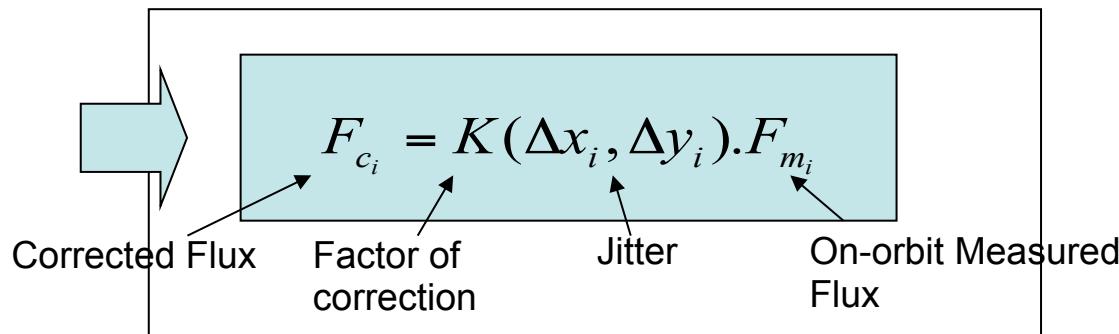


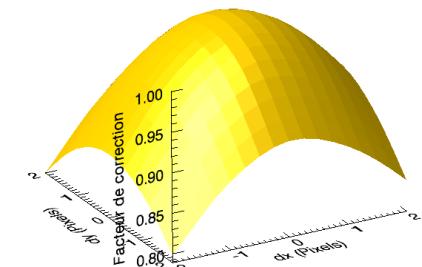
Residuals of jitter



Jitter photometric correction method



Correction Surface



Jitter EXO

$$(\Delta x_i, \Delta y_i)_{EXO}$$

Jitter SEISMO

$$(\Delta x_i, \Delta y_i)_{SEISMO}$$

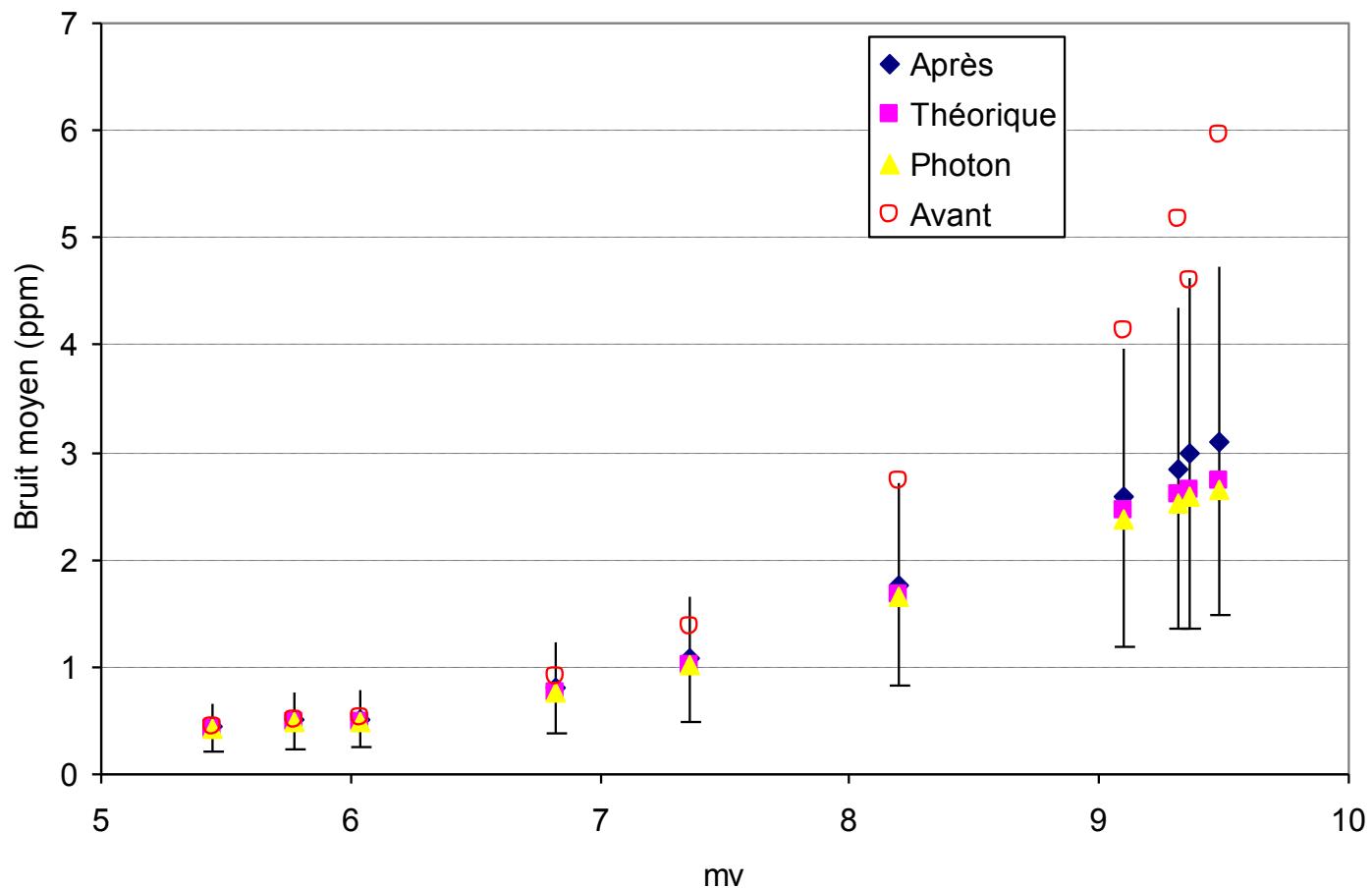
On-orbit Barycentres
SEISMO
 $(x_i, y_i)_{SEISMO}$
SC49 - January 24th, 2014



$$\begin{bmatrix} \varphi \\ \theta \\ \psi \end{bmatrix}$$

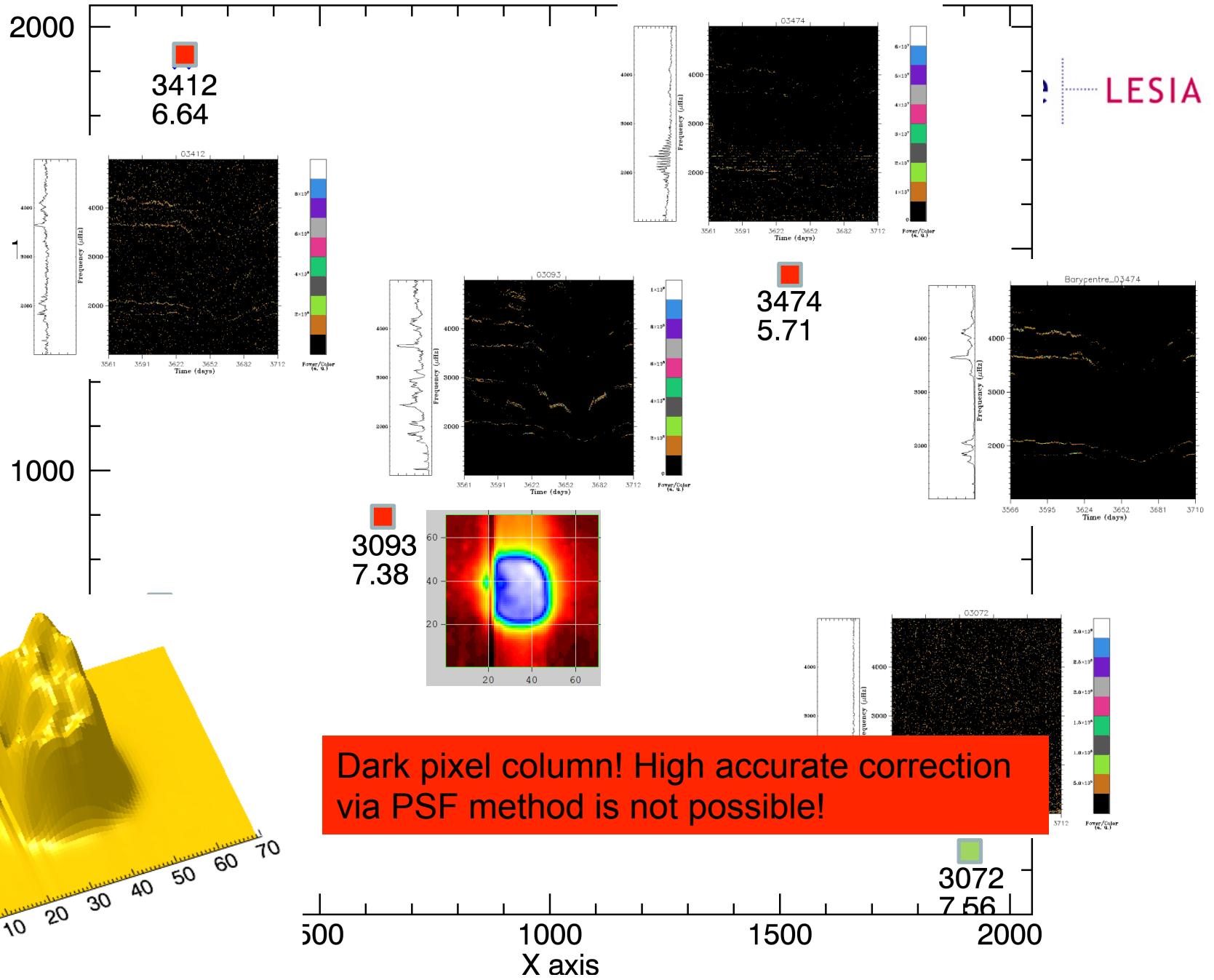
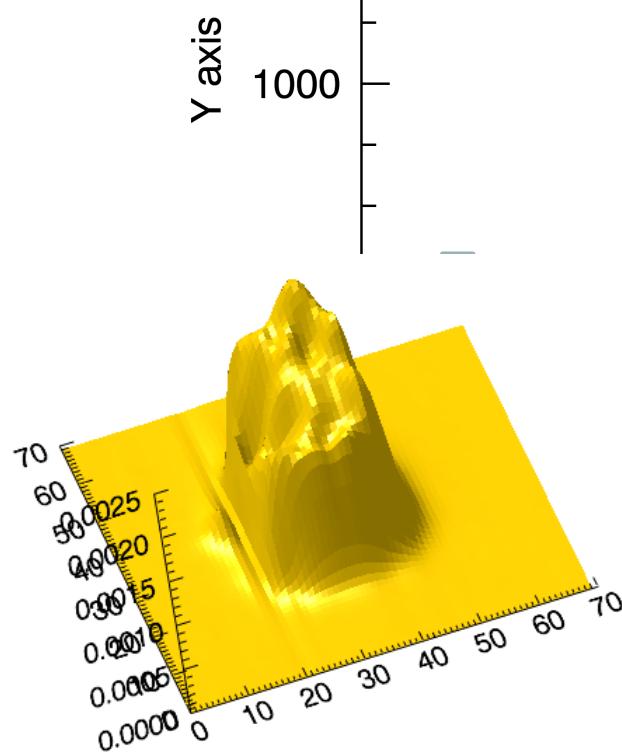


Jitter correction performance for IRa01



LRa03

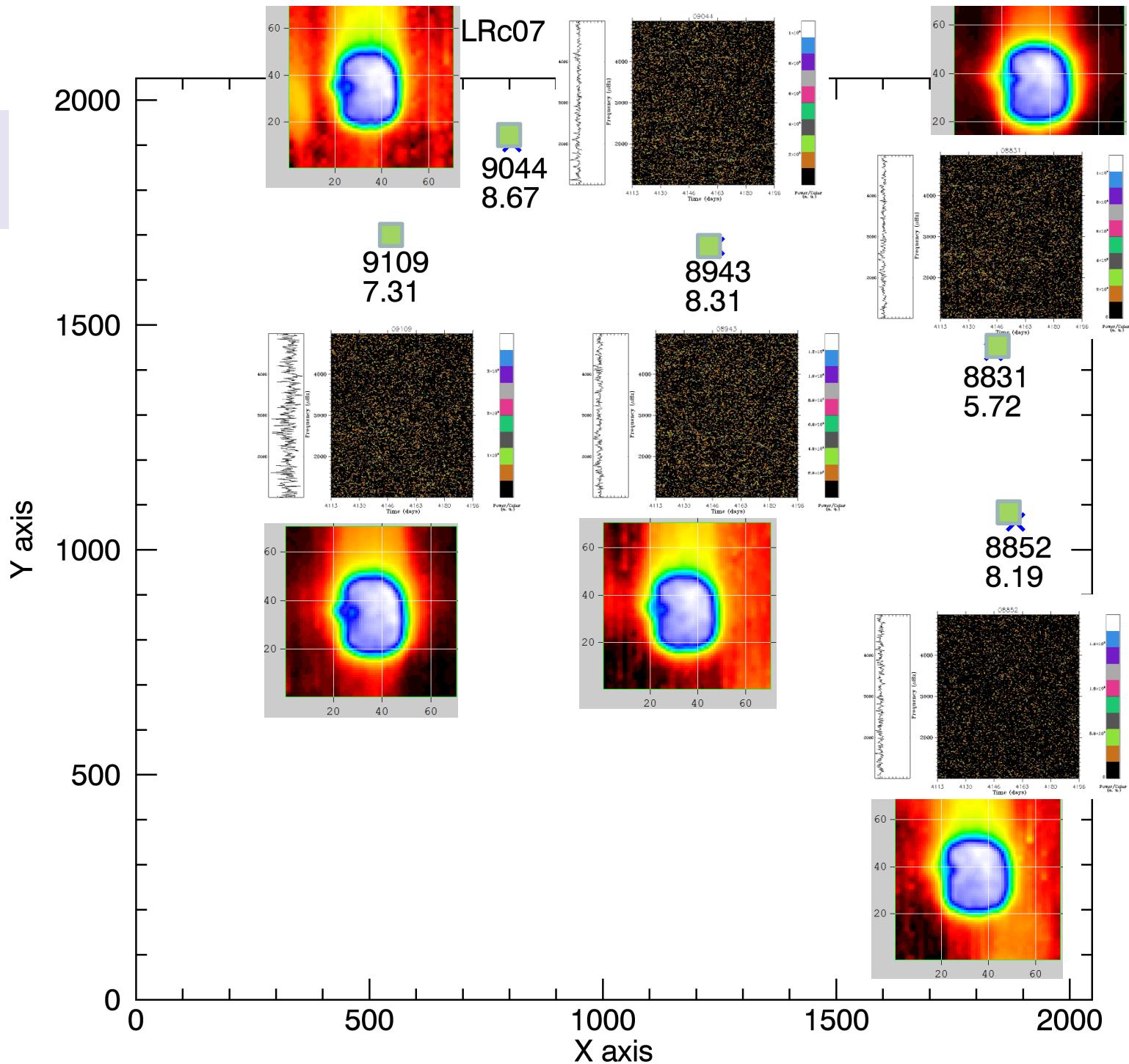
LRa03 Position of stars



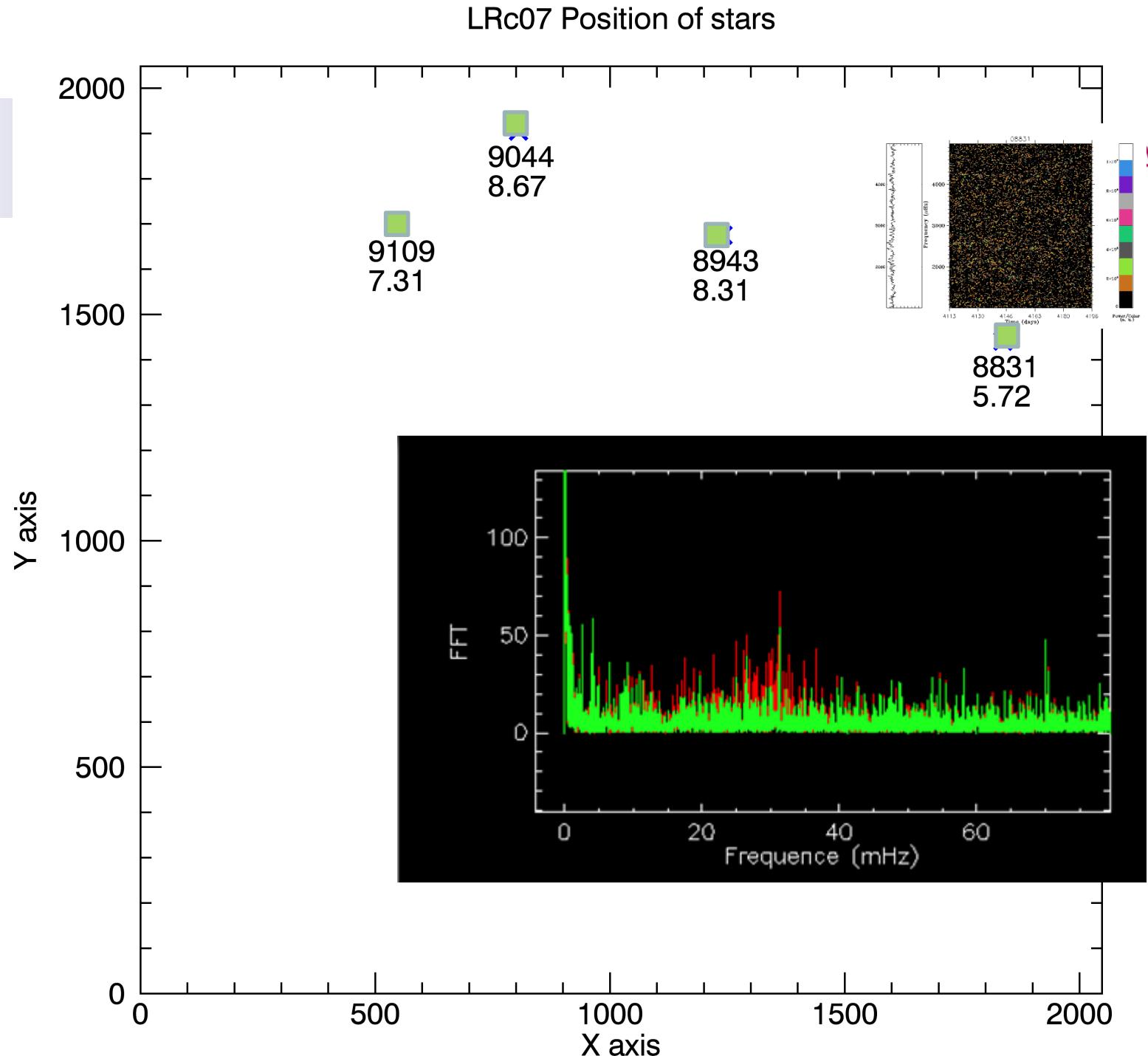
Dark pixel column! High accurate correction via PSF method is not possible!



LRc07

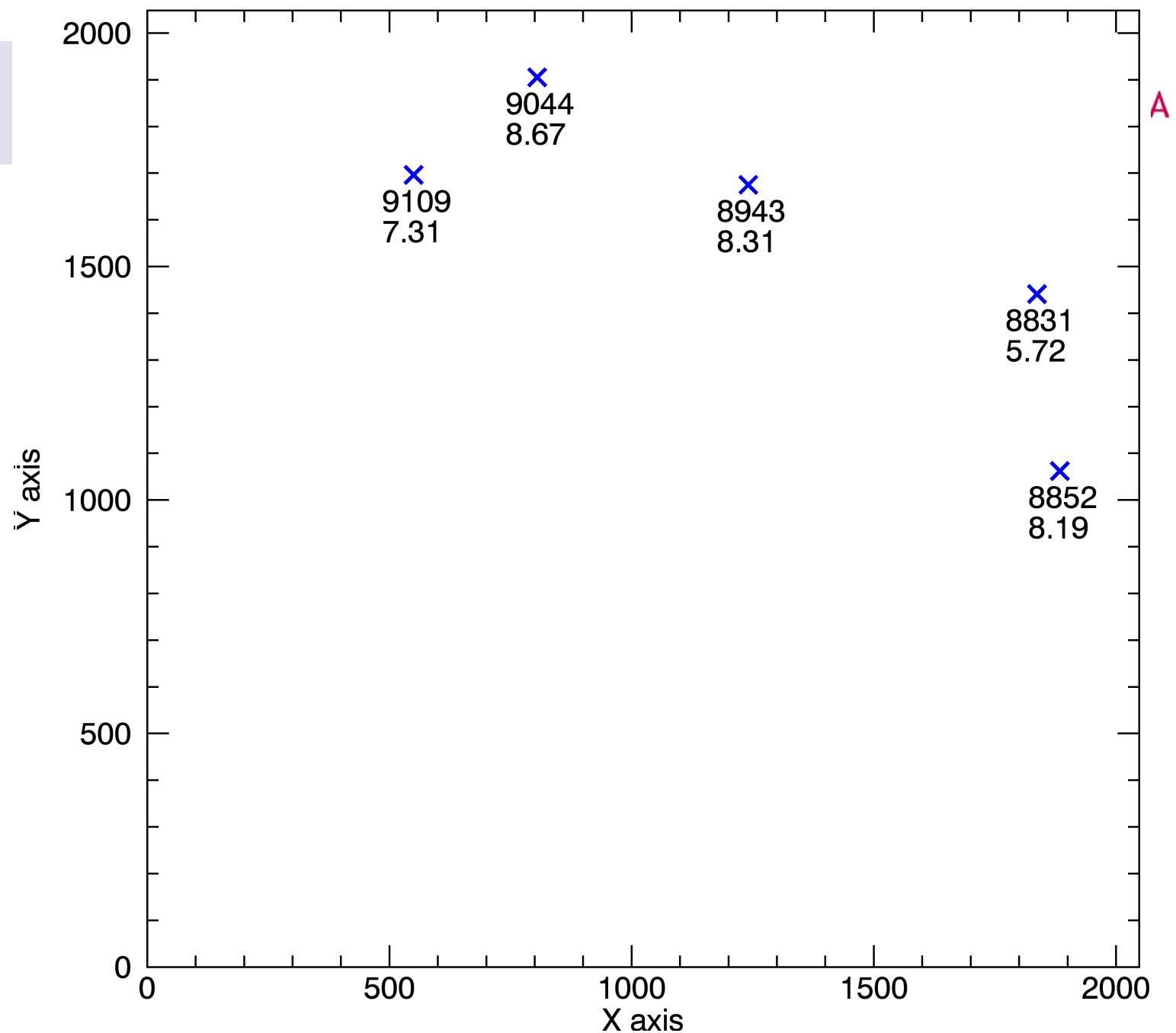


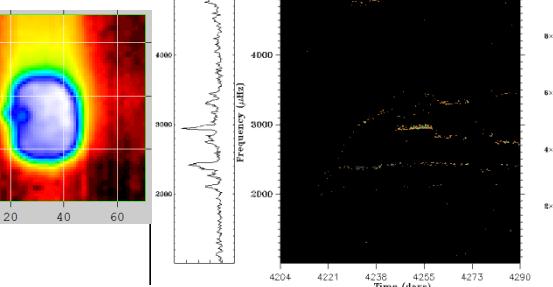
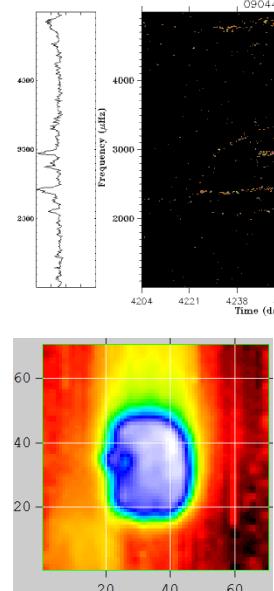
LRc07



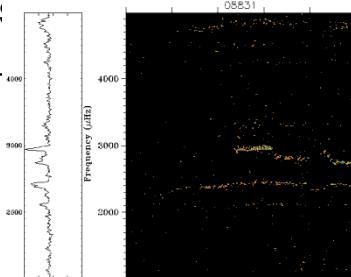
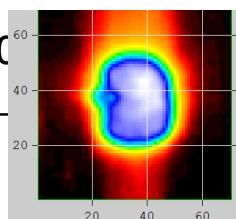


LRc07 Position of stars

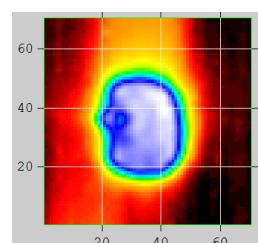
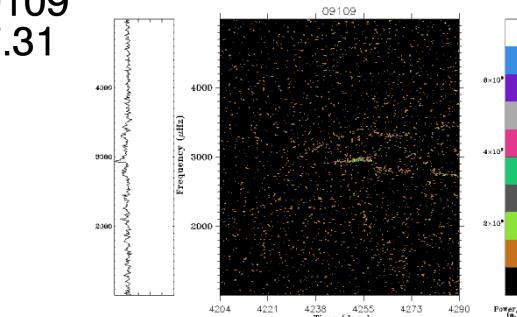
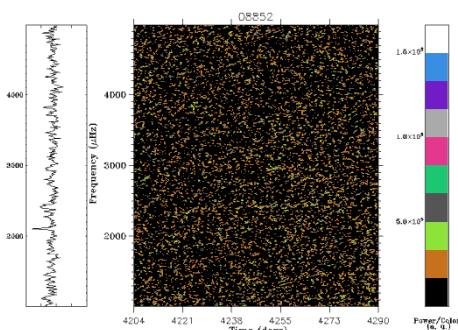




8943
8.31



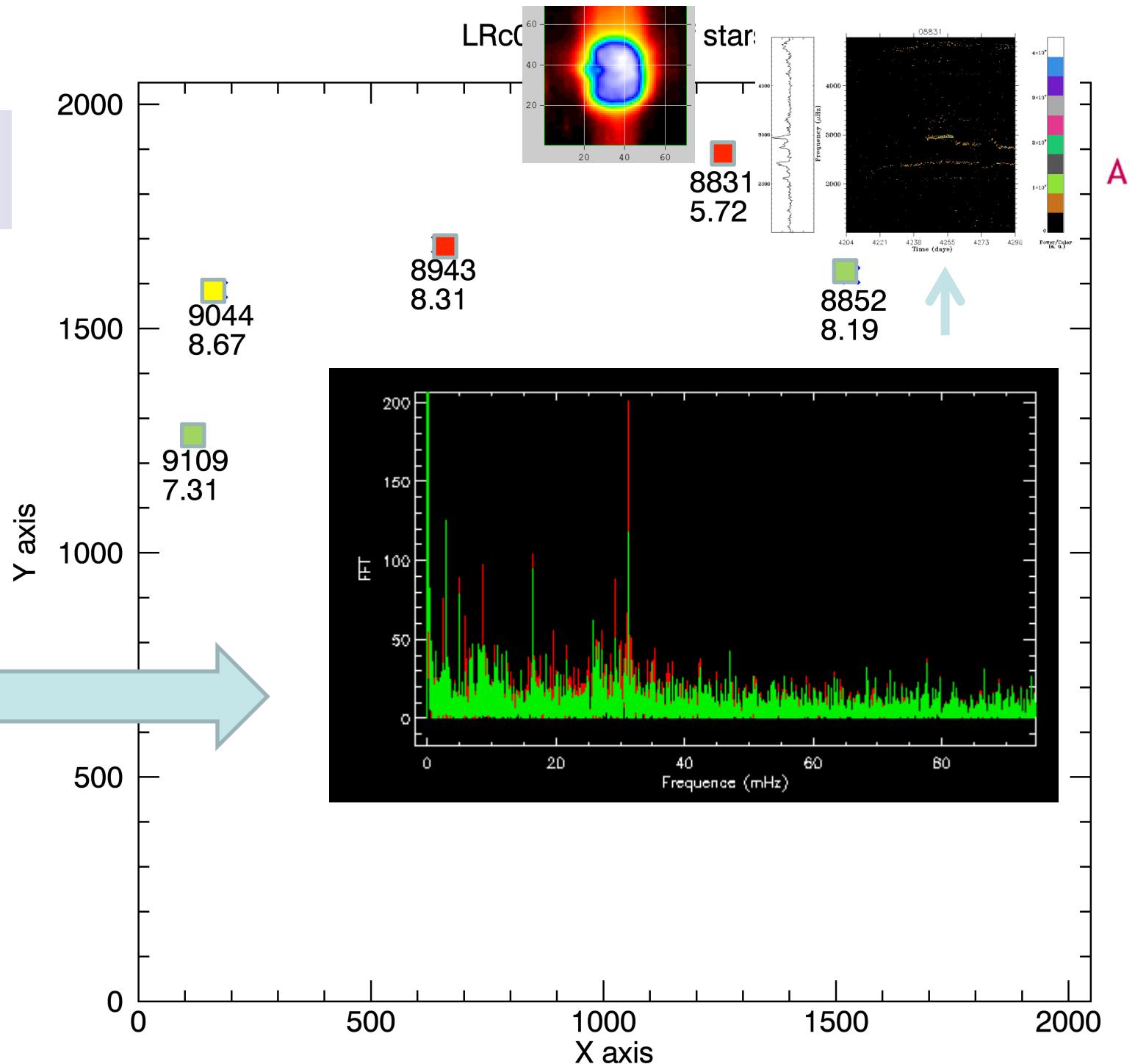
8852
8.19



X axis



No sense for a MV
5.7 star!



Conclusions



- On-ground Line of Sight calculation is under suspicion.
- Some tests are going to be done to verify jitter photometric corrections on bright stars providing important hints about the source of the problem.