

# PSFj Report

Thu Jul 14 17:33:17 PDT 2022

## Microscope infos ( 100x1.35 Sil) :

Emission wavelength: 500 nm

NA: 1.35

n: 1.33

Voxel size: 116 nm (x) x116 nm (y) x116 nm (z)

Bead diameter : 100 nm

## Summary

FWHM	Bead size corrected (median)	Theoretical
min	285 nm +/- 4 nm	190 nm
max	315 nm +/- 7 nm	190 nm
Z	857 nm +/- 44 nm	642 nm

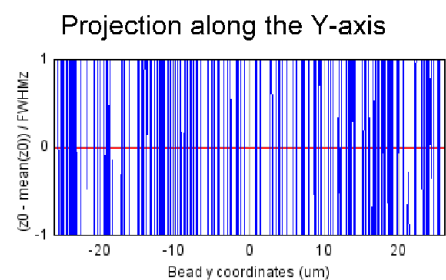
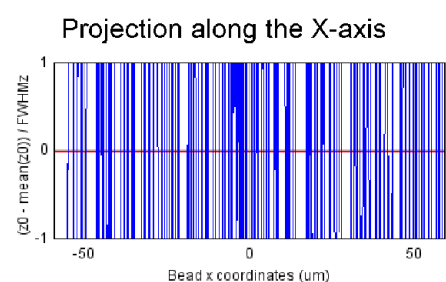
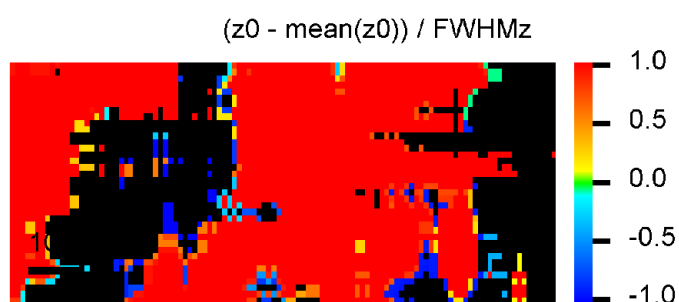
Other	
Planarity	+/- 2.35 um
Asymmetry	0.917 +/- 0.024

374 beads used for statistics : 376 detected, 376 analyzed, 2 filtered out after analysis.

Substack size : 10 pixels

Detection threshold : 1306

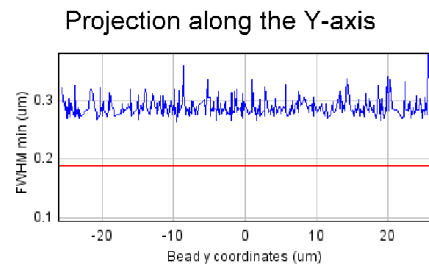
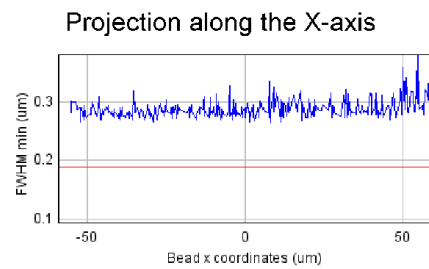
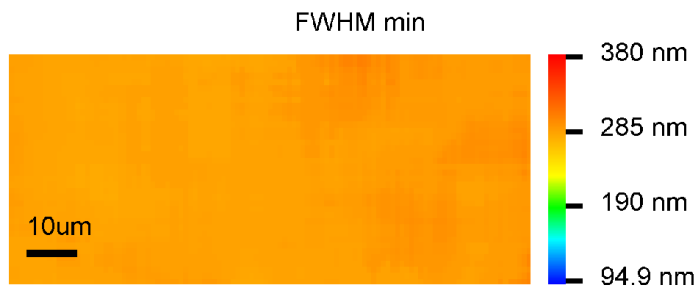
## Planarity



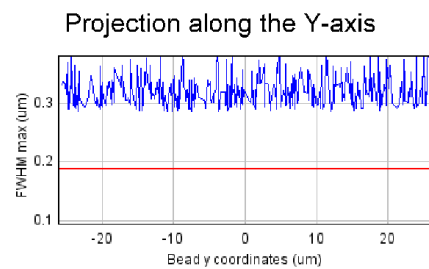
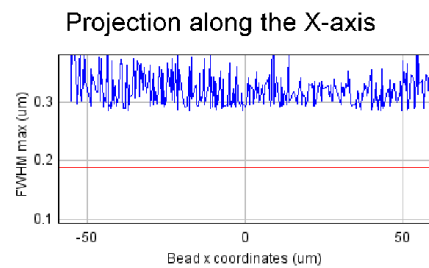
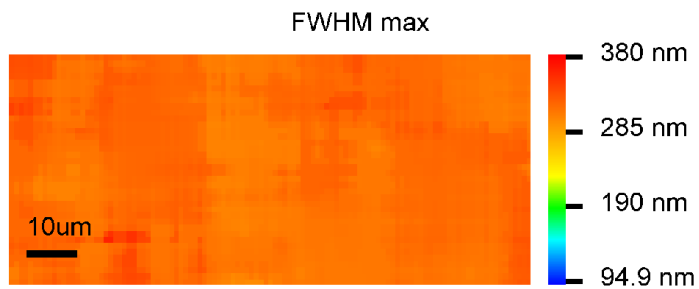
## File List :

- data\_traditional.tif : 376 beads detected, 376 beads analyzed, 2 filtered out

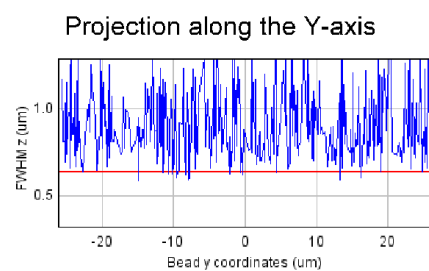
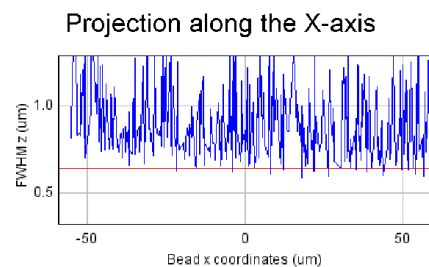
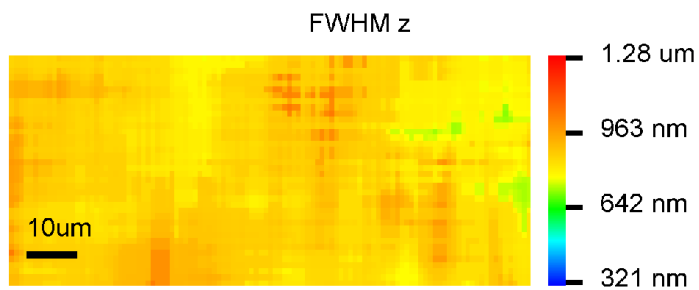
## FWHM min



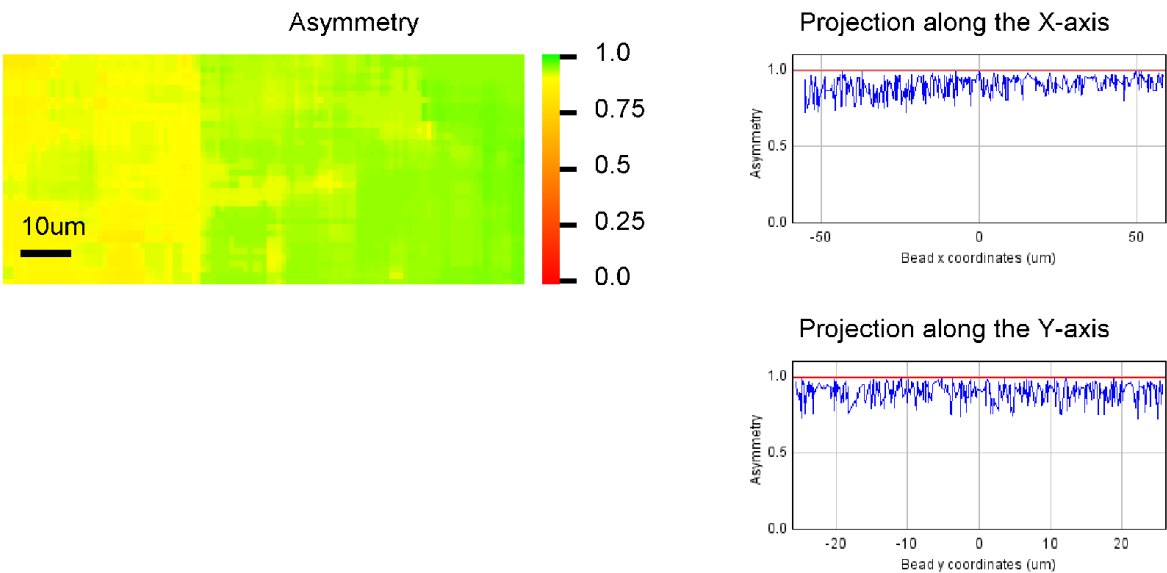
## FWHM max



## FWHM z



Asymmetry



Asymmetry weigthd Theta

Asymmetry weighted Theta

