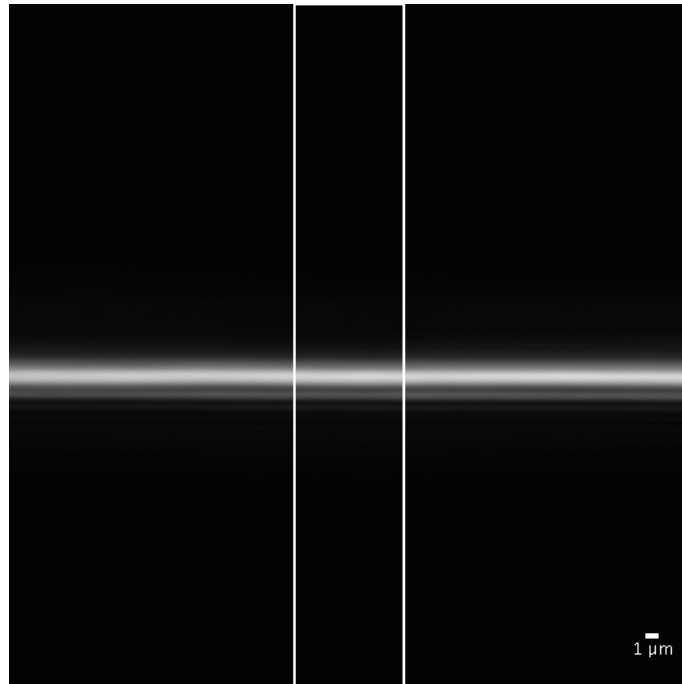


12 août 2010 14:27

Axial resolution report on Axial resolution

Profile view:



Microscope infos:

Microscope: Confocal

Wavelength: 510.0 nm

NA: 1.4

Sampling rate: 0.098x0.098x1.0 µm

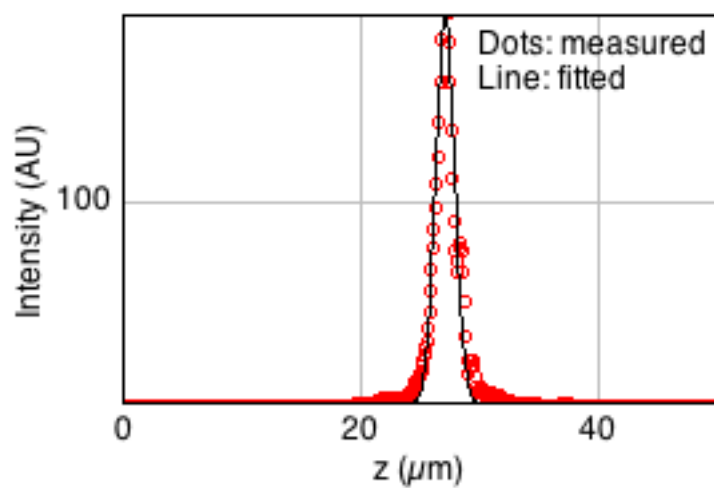
Pinhole: 1.0 Airy Units

Resolution table:

ROI: from (214, 0) to (296, 512)

	FWHM	Theoretical resolution
z	1.87 µm	0.364 µm

Z profile & fitting parameters:



Fitted on $y = a + (b-a) \cdot \exp(-(x-c)^2/(2 \cdot d^2))$

Number of iterations: 364 (8000)

Number of restarts: 2 (2)

Sum of residuals squared: 15748.1863

Standard deviation: 5.5514

R²: 0.9669

Parameters:

a = 4.2723

b = 188.4883

c = 27.2543

d = 0.7939