Bead 301

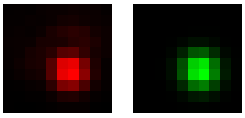
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

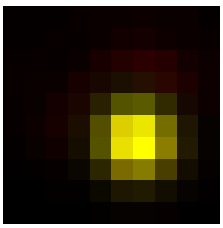
Coordinates : 12.5 um (x), 13.7 um (y), 21.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	299 nm	190 nm
max	303 nm	310 nm	190 nm
z	1.18 um	1.18 um	642 nm
Asymmetry	0.965		
Theta	-59.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

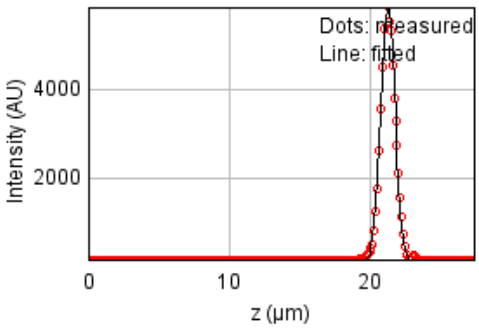




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 6415.351 (brightness)
B = 341.437 (background)
a = 0.429 px
b = -0.013 px
c = 0.414 px
xc = 5.648 px
yc = 5.620 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1118690.71
Standard deviation: 68.70381
R^2: 0.99534
Parameters:
a = 115.72703
b = 5902.30792
c = 21.38387
d = 0.49927

Bead 302

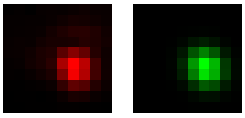
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

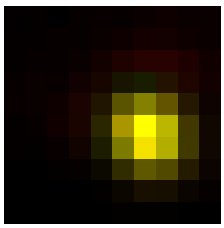
Coordinates : 945 nm (x), 5.41 um (y), 21.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	315 nm	321 nm	190 nm
z	1.22 um	1.22 um	642 nm
Asymmetry	0.904		
Theta	-53.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

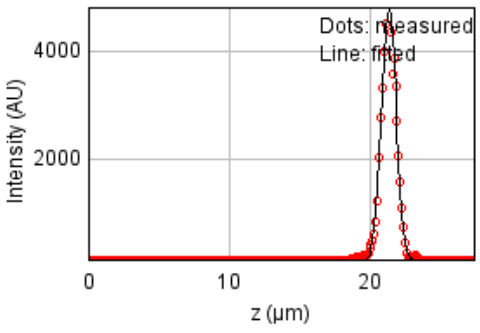




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 5499.296 (brightness)
B = 306.482 (background)
a = 0.431 px
b = -0.040 px
c = 0.407 px
xc = 6.143 px
yc = 5.355 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1194694.98
Standard deviation: 70.99935
R^2: 0.99274
Parameters:
a = 117.84161
b = 4821.18468
c = 21.45114
d = 0.51803

Bead 303

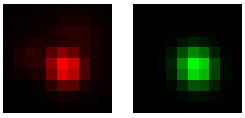
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

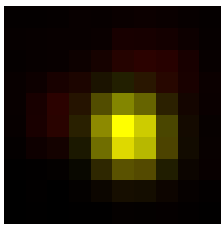
Coordinates : 31.1 um (x), -3.4 um (y), 21.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	290 nm	296 nm	190 nm
max	312 nm	319 nm	190 nm
z	1.14 um	1.14 um	642 nm
Asymmetry	0.927		
Theta	-52.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

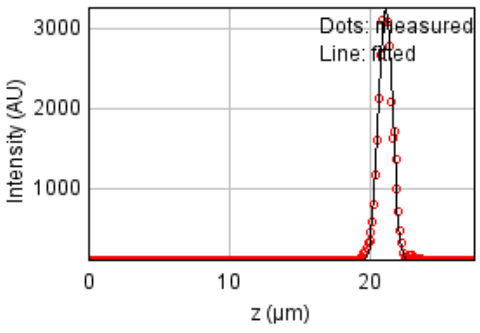




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 3814.393 (brightness)
B = 274.953 (background)
a = 0.421 px
b = -0.030 px
c = 0.406 px
xc = 5.253 px
yc = 5.317 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 643790.873
Standard deviation: 52.11926
R^2: 0.99065
Parameters:
a = 115.94236
b = 3253.30671
c = 21.20419
d = 0.48341

Bead 304

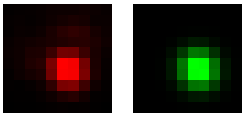
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

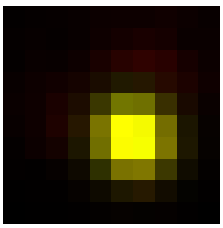
Coordinates : 35.7 um (x), 8.41 um (y), 21.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	299 nm	306 nm	190 nm
max	313 nm	320 nm	190 nm
z	1.23 um	1.24 um	642 nm
Asymmetry	0.956		
Theta	-55.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

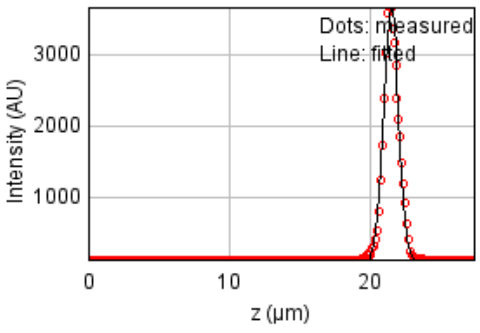




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 4216.278 (brightness)
B = 261.641 (background)
a = 0.405 px
b = -0.017 px
c = 0.392 px
xc = 5.497 px
yc = 5.506 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1076621.34
Standard deviation: 67.39960
R^2: 0.98874
Parameters:
a = 114.01297
b = 3671.71181
c = 21.61145
d = 0.52387

Bead 305

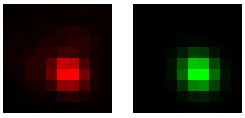
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

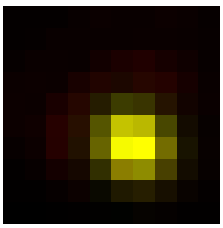
Coordinates : -3.65 um (x), 18.8 um (y), 21.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	300 nm	307 nm	190 nm
z	1.08 um	1.09 um	642 nm
Asymmetry	0.911		
Theta	-37.8°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

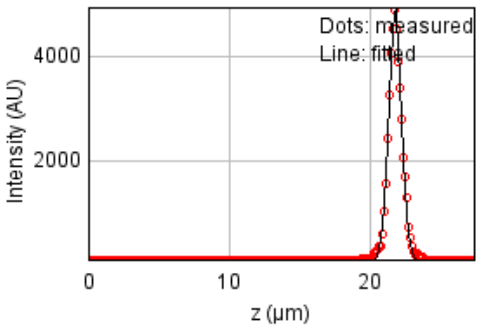




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.969

Parameters:
A = 5379.506 (brightness)
B = 346.135 (background)
a = 0.445 px
b = -0.041 px
c = 0.466 px
xc = 5.509 px
yc = 5.813 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 697667.216
Standard deviation: 54.25628
R^2: 0.99551
Parameters:
a = 117.29019
b = 4953.62772
c = 21.89596
d = 0.45995

Bead 306

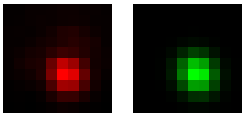
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

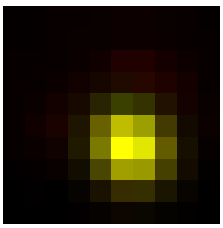
Coordinates : 25.0 um (x), -12.2 um (y), 21.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	290 nm	296 nm	190 nm
max	318 nm	324 nm	190 nm
z	1.08 um	1.09 um	642 nm
Asymmetry	0.911		
Theta	-55.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

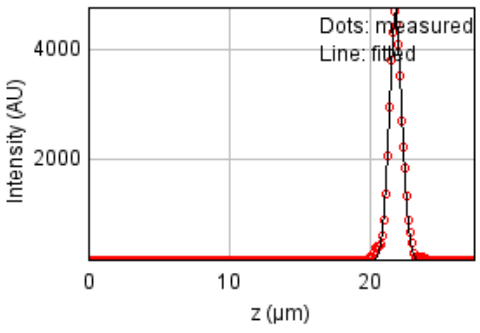




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 5491.379 (brightness)
B = 308.616 (background)
a = 0.421 px
b = -0.035 px
c = 0.394 px
xc = 5.372 px
yc = 5.918 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 673761.080
Standard deviation: 53.31861
R^2: 0.99535
Parameters:
a = 117.37154
b = 4784.71965
c = 21.92844
d = 0.46008

Bead 307

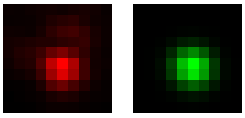
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

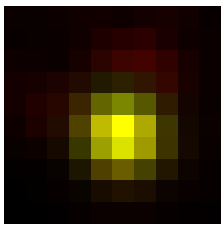
Coordinates : 47.2 um (x), -1.31 um (y), 22.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	309 nm	316 nm	190 nm
max	324 nm	331 nm	190 nm
z	1.3 um	1.3 um	642 nm
Asymmetry	0.954		
Theta	-28.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

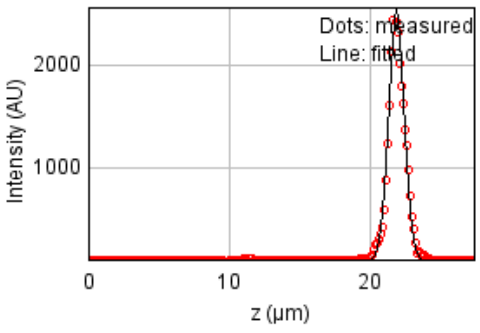




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.939

Parameters:
A = 2558.907 (brightness)
B = 275.811 (background)
a = 0.364 px
b = -0.015 px
c = 0.383 px
xc = 4.946 px
yc = 5.335 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 532713.663
Standard deviation: 47.41030
R^2: 0.98873
Parameters:
a = 115.39570
b = 2562.08402
c = 21.98715
d = 0.55000

Bead 308

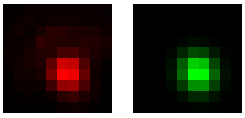
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

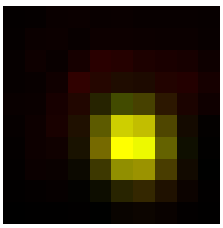
Coordinates : -46.6 um (x), -4.27 um (y), 22.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	311 nm	318 nm	190 nm
z	1.28 um	1.29 um	642 nm
Asymmetry	0.91		
Theta	-67.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

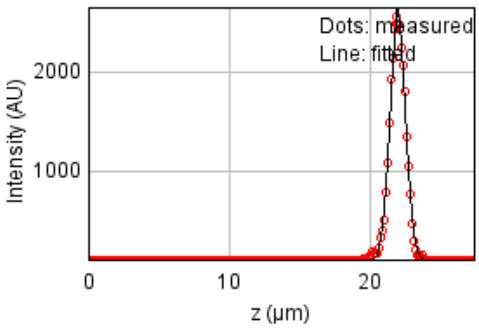




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 2697.600 (brightness)
B = 239.628 (background)
a = 0.454 px
b = -0.028 px
c = 0.398 px
xc = 5.456 px
yc = 5.802 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 198324.154
Standard deviation: 28.92768
R^2: 0.99607
Parameters:
a = 109.84011
b = 2658.03433
c = 22.07645
d = 0.54519

Bead 309

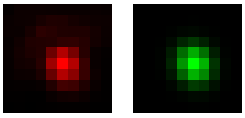
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

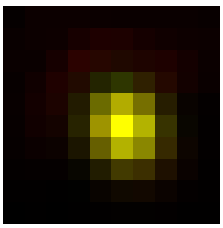
Coordinates : -41.5 um (x), -19.0 um (y), 22.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	320 nm	326 nm	190 nm
z	1.11 um	1.11 um	642 nm
Asymmetry	0.882		
Theta	-66.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

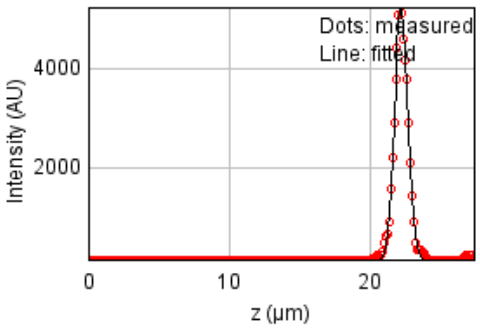




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 5010.266 (brightness)
B = 325.284 (background)
a = 0.452 px
b = -0.039 px
c = 0.382 px
xc = 5.110 px
yc = 5.035 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 607259.347
Standard deviation: 50.61893
R^2: 0.99662
Parameters:
a = 124.04483
b = 5272.47355
c = 22.31636
d = 0.47005

Bead 310

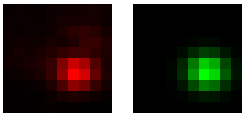
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

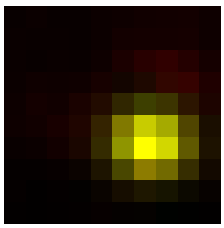
Coordinates : 38.1 um (x), -6.93 um (y), 22.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	324 nm	331 nm	190 nm
z	1.18 um	1.18 um	642 nm
Asymmetry	0.866		
Theta	-3.4°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

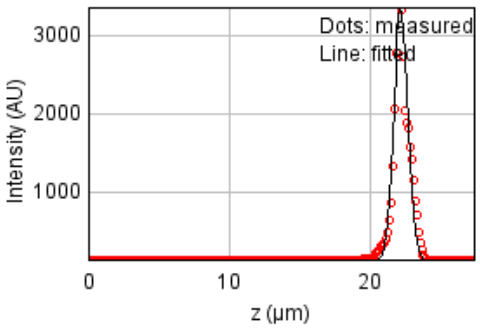




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.955

Parameters:
A = 3321.325 (brightness)
B = 264.339 (background)
a = 0.356 px
b = -0.007 px
c = 0.473 px
xc = 6.253 px
yc = 5.742 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2498089.00
Standard deviation: 102.66774
R^2: 0.96774
Parameters:
a = 122.31993
b = 3361.14007
c = 22.29340
d = 0.49957

Bead 311

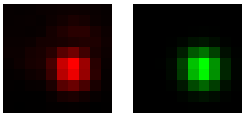
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

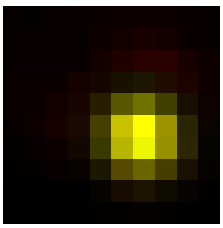
Coordinates : 27.1 um (x), -11.1 um (y), 22.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	293 nm	299 nm	190 nm
max	303 nm	309 nm	190 nm
z	1.15 um	1.15 um	642 nm
Asymmetry	0.967		
Theta	-37.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

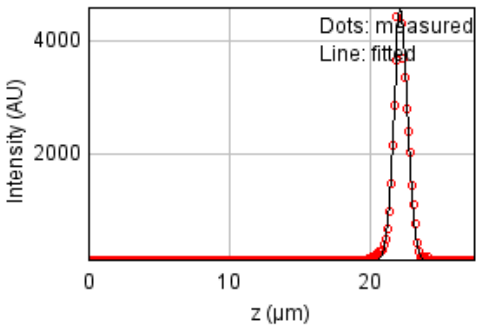




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 5273.300 (brightness)
B = 294.819 (background)
a = 0.417 px
b = -0.014 px
c = 0.425 px
xc = 5.849 px
yc = 5.449 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1049611.25
Standard deviation: 66.54877
R^2: 0.99258
Parameters:
a = 116.74995
b = 4593.12033
c = 22.27725
d = 0.48902

Bead 312

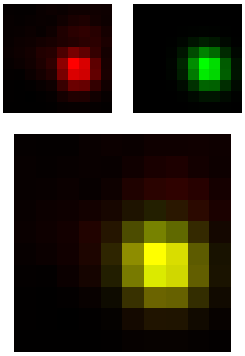
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 39.4 um (x), -11.4 um (y), 22.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	302 nm	309 nm	190 nm
max	328 nm	335 nm	190 nm
z	1.17 um	1.17 um	642 nm
Asymmetry	0.921		
Theta	-39.3°		

XY profile & fitting parameters :

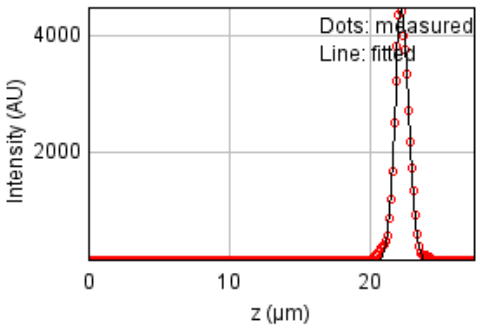
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 5106.832 (brightness)
B = 332.953 (background)
a = 0.371 px
b = -0.030 px
c = 0.384 px
xc = 6.335 px
yc = 5.411 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 590062.977
Standard deviation: 49.89707
R^2: 0.99570
Parameters:
a = 117.24885
b = 4504.71977
c = 22.35607
d = 0.49617

Bead 313

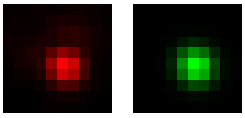
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

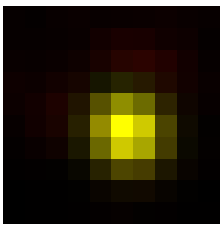
Coordinates : 18.6 um (x), -11.2 um (y), 22.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	290 nm	296 nm	190 nm
max	307 nm	314 nm	190 nm
z	950 nm	952 nm	642 nm
Asymmetry	0.945		
Theta	-50.8°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

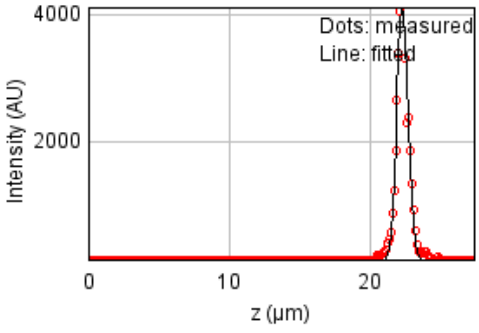




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 4237.589 (brightness)
B = 262.763 (background)
a = 0.424 px
b = -0.023 px
c = 0.414 px
xc = 5.231 px
yc = 5.221 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1297081.30
Standard deviation: 73.97917
R^2: 0.98630
Parameters:
a = 124.12545
b = 4121.74427
c = 22.41264
d = 0.40336

Bead 314

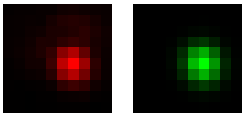
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

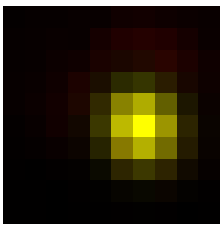
Coordinates : 2.65 um (x), 19.8 um (y), 22.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	290 nm	296 nm	190 nm
max	314 nm	321 nm	190 nm
z	1.02 um	1.02 um	642 nm
Asymmetry	0.923		
Theta	-67.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

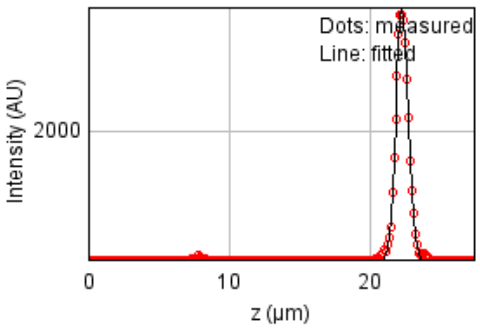




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.968

Parameters:
A = 3492.580 (brightness)
B = 241.382 (background)
a = 0.433 px
b = -0.023 px
c = 0.388 px
xc = 5.876 px
yc = 5.007 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 175799.949
Standard deviation: 27.23549
R^2: 0.99793
Parameters:
a = 121.23546
b = 3795.45958
c = 22.38772
d = 0.43429

Bead 315

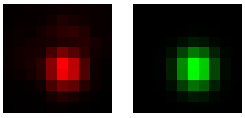
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

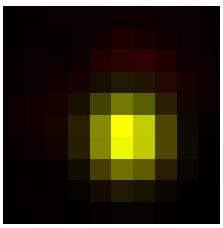
Coordinates : 27.1 um (x), 16.9 um (y), 22.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	296 nm	303 nm	190 nm
max	310 nm	316 nm	190 nm
z	1.21 um	1.21 um	642 nm
Asymmetry	0.958		
Theta	-81.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

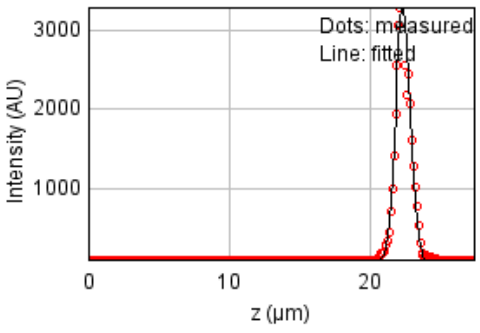




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 3839.679 (brightness)
B = 250.229 (background)
a = 0.424 px
b = -0.005 px
c = 0.390 px
xc = 5.232 px
yc = 5.472 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1174931.32
Standard deviation: 70.40963
R^2: 0.98430
Parameters:
a = 114.60564
b = 3289.70889
c = 22.44141
d = 0.51173

Bead 316

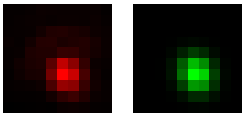
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

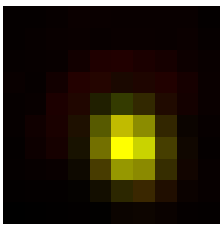
Coordinates : -35.5 um (x), 18.5 um (y), 22.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	265 nm	271 nm	190 nm
max	307 nm	313 nm	190 nm
z	1.02 um	1.02 um	642 nm
Asymmetry	0.864		
Theta	-67.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

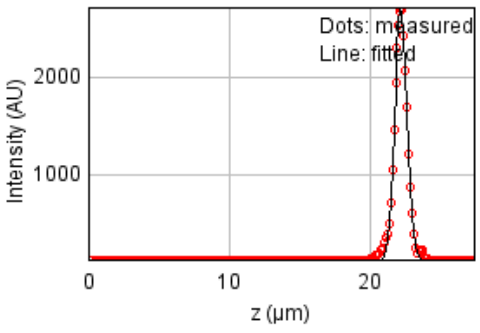




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 2534.170 (brightness)
B = 219.508 (background)
a = 0.511 px
b = -0.048 px
c = 0.417 px
xc = 5.302 px
yc = 5.912 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 135882.063
Standard deviation: 23.94456
R^2: 0.99679
Parameters:
a = 114.87757
b = 2713.21699
c = 22.29608
d = 0.43288

Bead 317

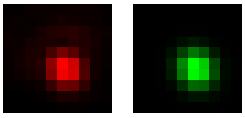
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

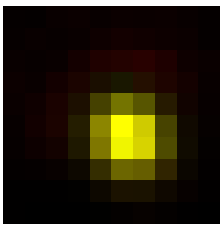
Coordinates : -3.8 um (x), -9.68 um (y), 22.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	310 nm	316 nm	190 nm
z	1.14 um	1.14 um	642 nm
Asymmetry	0.909		
Theta	-52.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

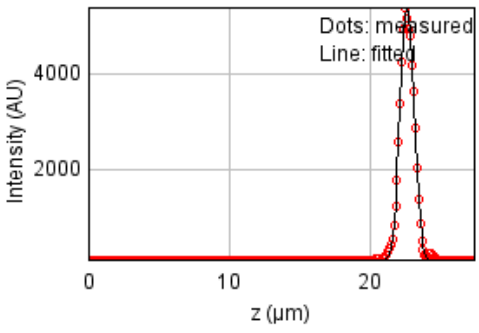




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 5818.811 (brightness)
B = 331.373 (background)
a = 0.440 px
b = -0.039 px
c = 0.419 px
xc = 5.280 px
yc = 5.475 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 464675.003
Standard deviation: 44.27927
R^2: 0.99759
Parameters:
a = 116.61971
b = 5387.78452
c = 22.74273
d = 0.48354

Bead 318

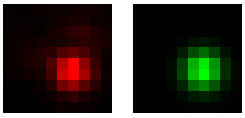
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

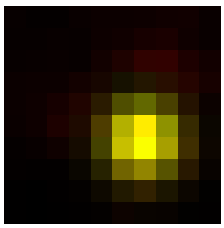
Coordinates : 49.4 um (x), -1.12 um (y), 22.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	312 nm	319 nm	190 nm
max	319 nm	325 nm	190 nm
z	1.14 um	1.14 um	642 nm
Asymmetry	0.979		
Theta	-87.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

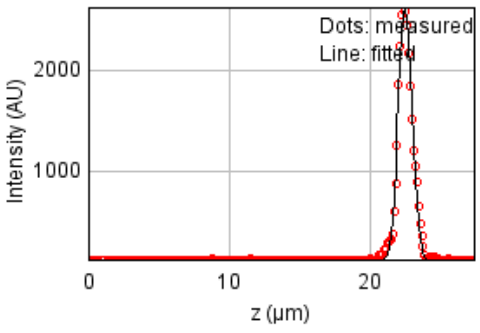




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 2602.679 (brightness)
B = 221.703 (background)
a = 0.383 px
b = -0.001 px
c = 0.368 px
xc = 5.879 px
yc = 5.613 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 436274.502
Standard deviation: 42.90479
R^2: 0.99013
Parameters:
a = 117.63698
b = 2630.55561
c = 22.60085
d = 0.48361

Bead 319

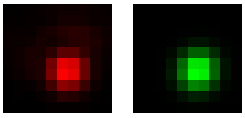
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

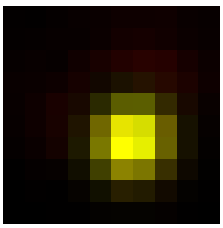
Coordinates : 22.3 um (x), 24.5 um (y), 23.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	297 nm	303 nm	190 nm
max	313 nm	320 nm	190 nm
z	1.28 um	1.28 um	642 nm
Asymmetry	0.948		
Theta	61.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

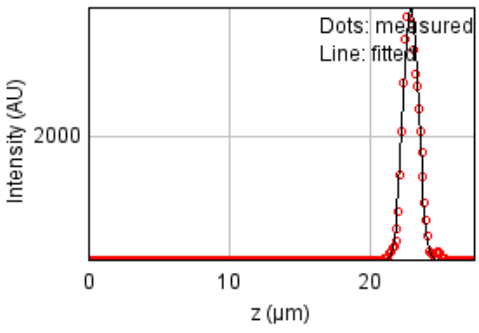




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 4700.777 (brightness)
B = 287.600 (background)
a = 0.413 px
b = 0.018 px
c = 0.390 px
xc = 5.432 px
yc = 5.626 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1483798.36
Standard deviation: 79.12492
R^2: 0.98741
Parameters:
a = 112.45456
b = 3996.42589
c = 23.00364
d = 0.54278

Bead 320

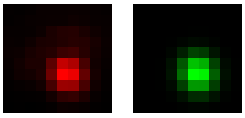
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

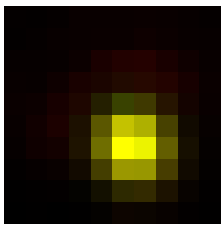
Coordinates : -994 nm (x), 13.8 um (y), 23.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	286 nm	292 nm	190 nm
max	309 nm	316 nm	190 nm
z	1.14 um	1.14 um	642 nm
Asymmetry	0.924		
Theta	-69.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

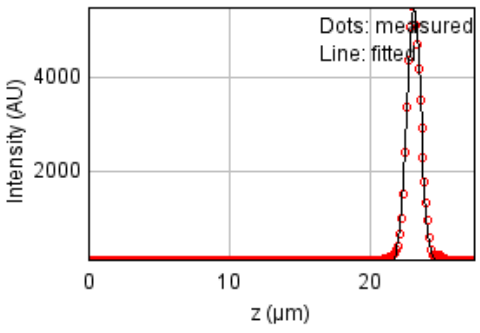




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 6137.778 (brightness)
B = 359.050 (background)
a = 0.449 px
b = -0.022 px
c = 0.399 px
xc = 5.435 px
yc = 5.872 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1229264.17
Standard deviation: 72.01922
R^2: 0.99386
Parameters:
a = 119.52672
b = 5470.57029
c = 23.22711
d = 0.48493

Bead 321

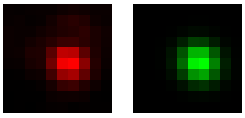
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

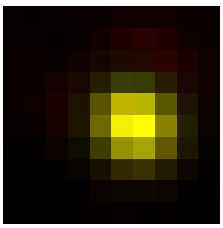
Coordinates : 32.9 um (x), -5.09 um (y), 22.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	300 nm	306 nm	190 nm
max	323 nm	330 nm	190 nm
z	1.06 um	1.06 um	642 nm
Asymmetry	0.928		
Theta	-37.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

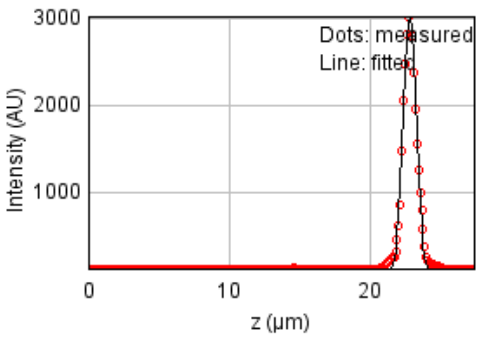




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 3136.421 (brightness)
B = 222.084 (background)
a = 0.379 px
b = -0.028 px
c = 0.393 px
xc = 5.583 px
yc = 4.902 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 387261.814
Standard deviation: 40.42296
R^2: 0.99295
Parameters:
a = 117.21895
b = 3024.88486
c = 22.93089
d = 0.44809

Bead 322

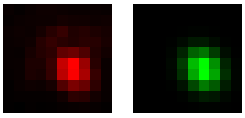
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

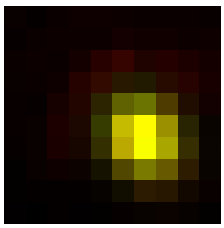
Coordinates : -45.1 um (x), -11.8 um (y), 22.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	332 nm	339 nm	190 nm
z	1.23 um	1.23 um	642 nm
Asymmetry	0.85		
Theta	-55.8°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

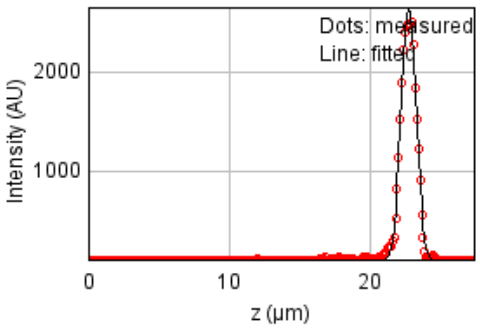




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.960

Parameters:
A = 2526.870 (brightness)
B = 226.573 (background)
a = 0.427 px
b = -0.060 px
c = 0.379 px
xc = 5.922 px
yc = 5.509 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 243375.178
Standard deviation: 32.04527
R^2: 0.99489
Parameters:
a = 118.70553
b = 2639.81728
c = 22.85670
d = 0.52329

Bead 323

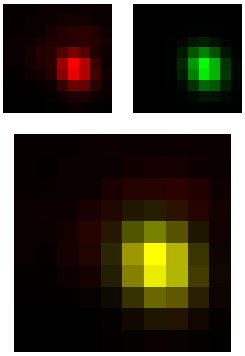
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -5.09 um (x), -12.2 um (y), 23.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	325 nm	332 nm	190 nm
z	871 nm	873 nm	642 nm
Asymmetry	0.871		
Theta	-60.5°		

XY profile & fitting parameters :

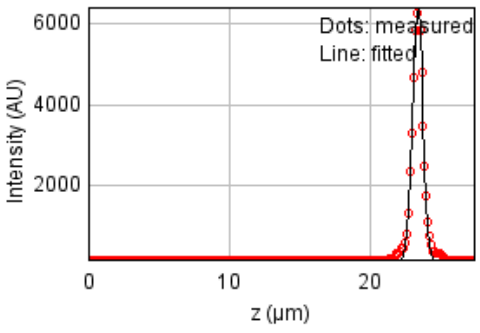
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 6417.403 (brightness)
B = 397.274 (background)
a = 0.439 px
b = -0.048 px
c = 0.381 px
xc = 6.137 px
yc = 5.417 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 879961.190
Standard deviation: 60.93371
R^2: 0.99594
Parameters:
a = 128.86966
b = 6457.51300
c = 23.50186
d = 0.36987

Bead 324

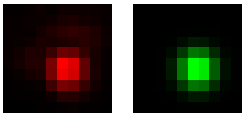
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

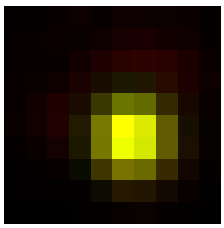
Coordinates : 15.4 um (x), 19.2 um (y), 23.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	297 nm	303 nm	190 nm
max	308 nm	315 nm	190 nm
z	1.18 um	1.18 um	642 nm
Asymmetry	0.964		
Theta	-84.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

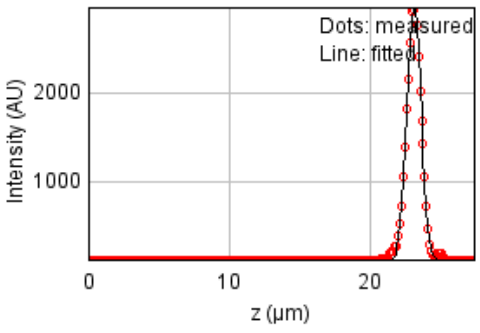




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 3232.010 (brightness)
B = 247.320 (background)
a = 0.422 px
b = -0.003 px
c = 0.393 px
xc = 5.391 px
yc = 5.494 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 142066.098
Standard deviation: 24.48336
R^2: 0.99760
Parameters:
a = 115.67485
b = 2986.90315
c = 23.24324
d = 0.50028

Bead 325

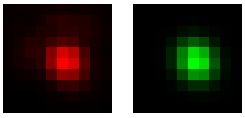
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

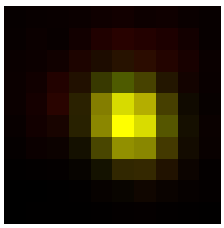
Coordinates : 11.7 um (x), 17.4 um (y), 23.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	297 nm	303 nm	190 nm
max	334 nm	341 nm	190 nm
z	1.06 um	1.06 um	642 nm
Asymmetry	0.889		
Theta	-55.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

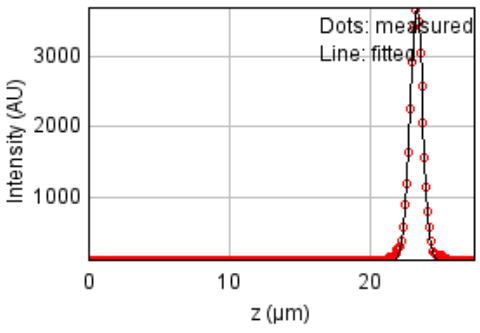




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 3636.774 (brightness)
B = 271.308 (background)
a = 0.394 px
b = -0.042 px
c = 0.363 px
xc = 5.282 px
yc = 4.744 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 188069.325
Standard deviation: 28.16987
R^2: 0.99774
Parameters:
a = 115.92698
b = 3691.49537
c = 23.40829
d = 0.45119

Bead 326

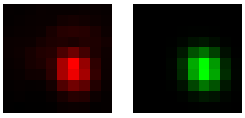
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

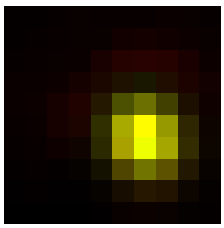
Coordinates : 4.06 um (x), 10.5 um (y), 23.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	313 nm	320 nm	190 nm
z	1.16 um	1.16 um	642 nm
Asymmetry	0.906		
Theta	-63.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

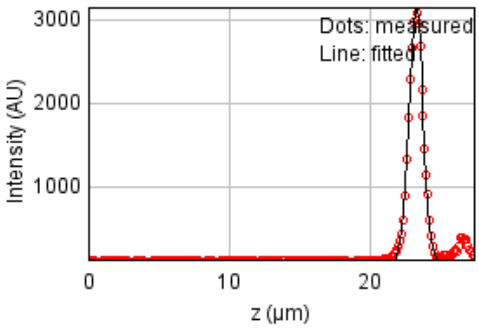




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 3263.778 (brightness)
B = 247.431 (background)
a = 0.446 px
b = -0.034 px
c = 0.397 px
xc = 5.983 px
yc = 5.516 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 678174.945
Standard deviation: 53.49297
R^2: 0.98966
Parameters:
a = 127.92666
b = 3166.65929
c = 23.38567
d = 0.49112

Bead 327

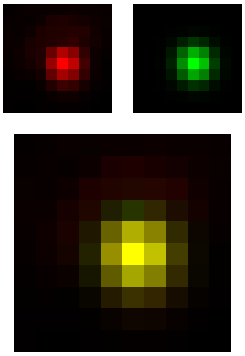
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -8.45 um (x), -7.31 um (y), 23.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	293 nm	299 nm	190 nm
max	303 nm	309 nm	190 nm
z	1.01 um	1.02 um	642 nm
Asymmetry	0.967		
Theta	-75.8°		

XY profile & fitting parameters :

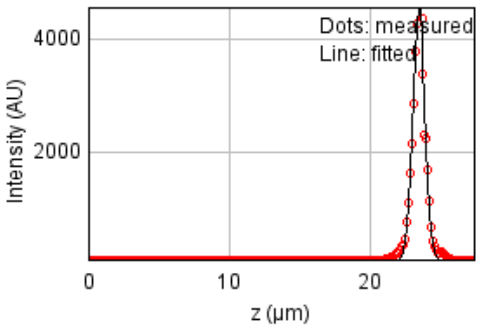
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 4398.576 (brightness)
B = 277.994 (background)
a = 0.433 px
b = -0.007 px
c = 0.409 px
xc = 5.176 px
yc = 4.976 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 838708.426
Standard deviation: 59.48827
R^2: 0.99318
Parameters:
a = 127.50300
b = 4561.04477
c = 23.59256
d = 0.43024

Bead 328

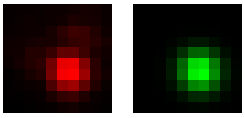
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

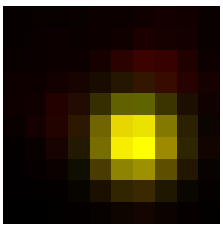
Coordinates : 58.4 um (x), 22.4 um (y), 23.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	324 nm	331 nm	190 nm
max	333 nm	340 nm	190 nm
z	1.26 um	1.26 um	642 nm
Asymmetry	0.973		
Theta	-48.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

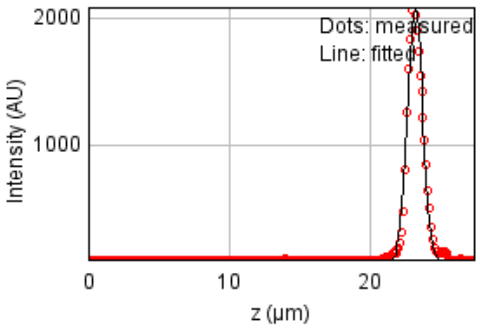




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 2051.997 (brightness)
B = 210.811 (background)
a = 0.347 px
b = -0.010 px
c = 0.345 px
xc = 5.601 px
yc = 5.667 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 399234.168
Standard deviation: 41.04305
R^2: 0.98659
Parameters:
a = 112.31080
b = 2076.78006
c = 23.32302
d = 0.53489

Bead 329

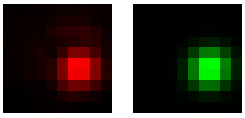
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

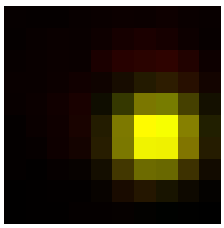
Coordinates : 33.0 um (x), -1.67 um (y), 23.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	307 nm	313 nm	190 nm
max	326 nm	333 nm	190 nm
z	1.3 um	1.3 um	642 nm
Asymmetry	0.942		
Theta	19.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

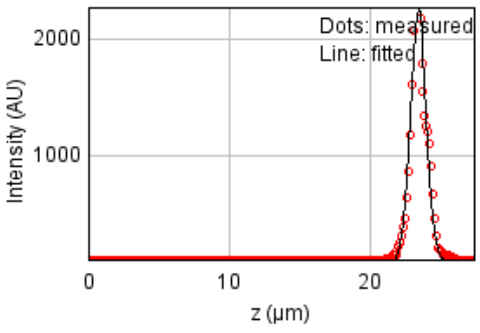




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 2750.387 (brightness)
B = 224.646 (background)
a = 0.356 px
b = 0.014 px
c = 0.391 px
xc = 6.509 px
yc = 5.439 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 897865.564
Standard deviation: 61.55049
R^2: 0.97568
Parameters:
a = 113.02326
b = 2259.42773
c = 23.55351
d = 0.55058

Bead 330

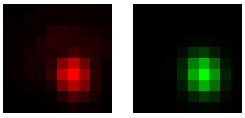
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

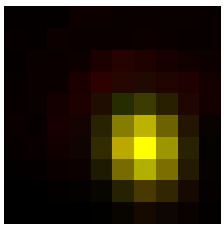
Coordinates : -41.0 um (x), 14.0 um (y), 23.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	321 nm	328 nm	190 nm
z	1.05 um	1.05 um	642 nm
Asymmetry	0.864		
Theta	-74.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

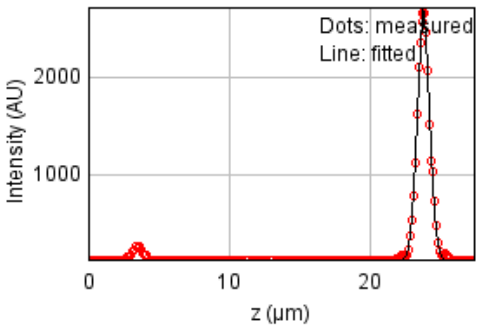




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 2499.677 (brightness)
B = 233.632 (background)
a = 0.476 px
b = -0.033 px
c = 0.371 px
xc = 5.938 px
yc = 5.986 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 295219.209
Standard deviation: 35.29378
R^2: 0.99324
Parameters:
a = 120.47979
b = 2723.05691
c = 23.90666
d = 0.44478

Bead 331

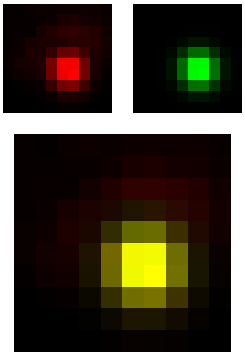
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 4.93 um (x), -5.63 um (y), 24.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	296 nm	302 nm	190 nm
max	300 nm	307 nm	190 nm
z	1.29 um	1.29 um	642 nm
Asymmetry	0.986		
Theta	-71.8°		

XY profile & fitting parameters :

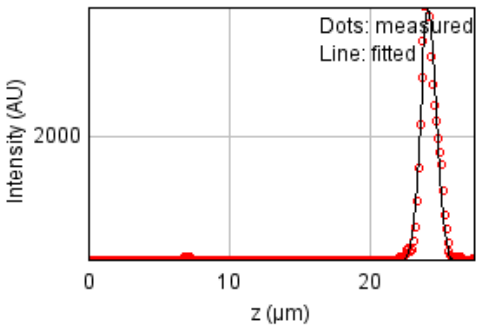
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 4560.125 (brightness)
B = 316.218 (background)
a = 0.425 px
b = -0.004 px
c = 0.415 px
xc = 5.527 px
yc = 5.518 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2264326.59
Standard deviation: 97.74518
R^2: 0.98088
Parameters:
a = 119.60866
b = 3982.47433
c = 24.26140
d = 0.54798

Bead 332

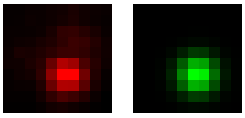
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

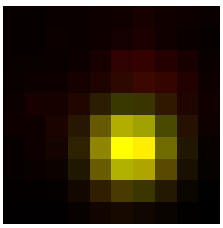
Coordinates : 57.2 um (x), -20.2 um (y), 23.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	315 nm	321 nm	190 nm
max	321 nm	327 nm	190 nm
z	1.08 um	1.08 um	642 nm
Asymmetry	0.982		
Theta	1.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

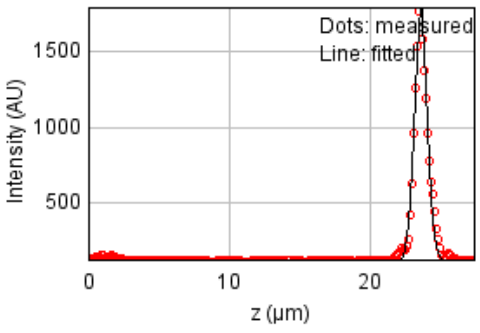




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.955

Parameters:
A = 1740.426 (brightness)
B = 200.410 (background)
a = 0.363 px
b = 0.000 px
c = 0.377 px
xc = 5.401 px
yc = 6.013 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 238162.098
Standard deviation: 31.70021
R^2: 0.98743
Parameters:
a = 115.77711
b = 1802.84454
c = 23.73252
d = 0.45708

Bead 333

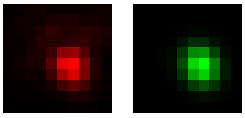
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

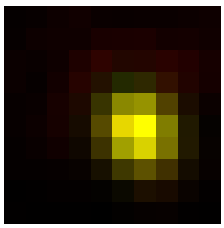
Coordinates : -30.7 um (x), -23.3 um (y), 24.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	326 nm	333 nm	190 nm
z	1.46 um	1.47 um	642 nm
Asymmetry	0.865		
Theta	-62.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

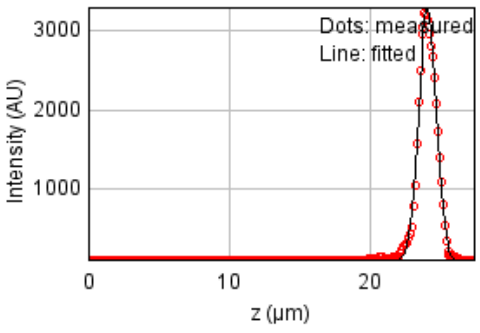




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 3621.615 (brightness)
B = 285.227 (background)
a = 0.445 px
b = -0.049 px
c = 0.377 px
xc = 5.716 px
yc = 5.199 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 538666.703
Standard deviation: 47.67447
R^2: 0.99392
Parameters:
a = 114.53428
b = 3290.04815
c = 24.19085
d = 0.62105

Bead 334

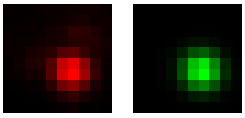
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

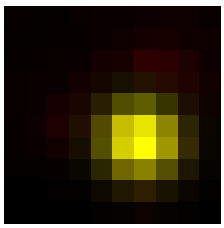
Coordinates : 31.4 um (x), 16.9 um (y), 24.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	306 nm	312 nm	190 nm
max	318 nm	325 nm	190 nm
z	1.22 um	1.22 um	642 nm
Asymmetry	0.96		
Theta	-22.7°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

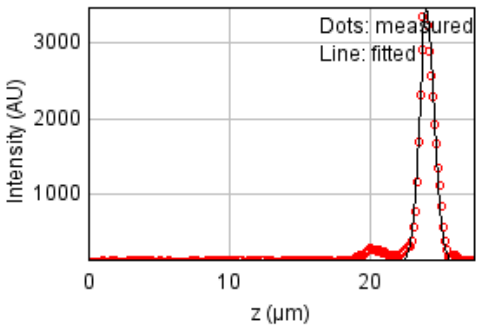




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 3559.082 (brightness)
B = 261.570 (background)
a = 0.373 px
b = -0.011 px
c = 0.395 px
xc = 5.778 px
yc = 5.633 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1373729.75
Standard deviation: 76.13362
R^2: 0.98346
Parameters:
a = 133.59831
b = 3460.74410
c = 24.15004
d = 0.51734

Bead 335

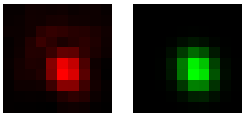
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

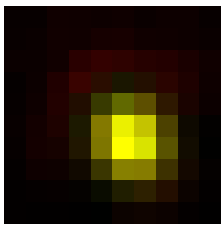
Coordinates : -50.9 um (x), -884 nm (y), 23.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	323 nm	330 nm	190 nm
z	1.24 um	1.24 um	642 nm
Asymmetry	0.874		
Theta	-63.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

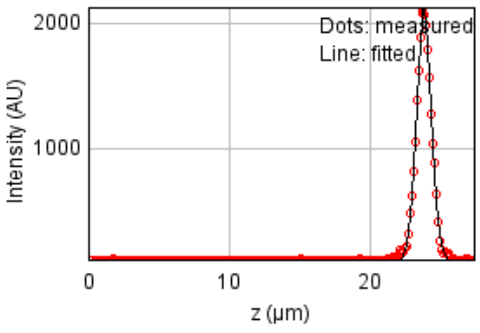




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.950

Parameters:
A = 2052.061 (brightness)
B = 224.184 (background)
a = 0.447 px
b = -0.044 px
c = 0.380 px
xc = 5.331 px
yc = 5.623 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 68474.6479
Standard deviation: 16.99772
R^2: 0.99778
Parameters:
a = 111.68354
b = 2139.50487
c = 23.94084
d = 0.52540

Bead 336

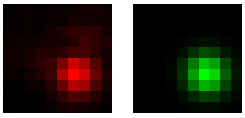
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

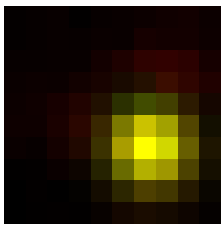
Coordinates : 51.3 um (x), 20.1 um (y), 24.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	334 nm	341 nm	190 nm
max	342 nm	349 nm	190 nm
z	1.13 um	1.13 um	642 nm
Asymmetry	0.978		
Theta	-53.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

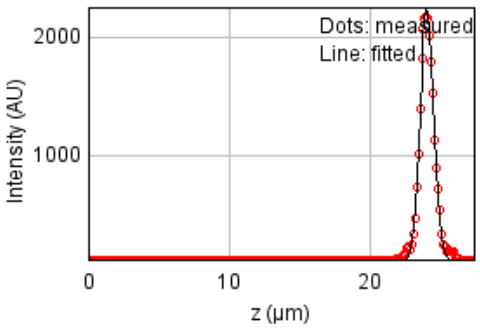




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 1983.441 (brightness)
B = 219.539 (background)
a = 0.329 px
b = -0.007 px
c = 0.325 px
xc = 6.236 px
yc = 5.934 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 136684.175
Standard deviation: 24.01513
R^2: 0.99565
Parameters:
a = 112.37012
b = 2248.19889
c = 24.15025
d = 0.47839

Bead 337

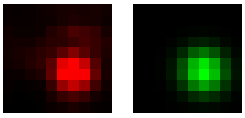
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

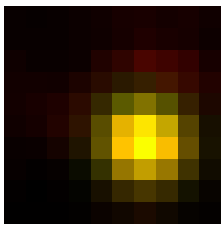
Coordinates : 50.0 um (x), -8.55 um (y), 24.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	351 nm	358 nm	190 nm
max	364 nm	371 nm	190 nm
z	1.23 um	1.23 um	642 nm
Asymmetry	0.966		
Theta	-36.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

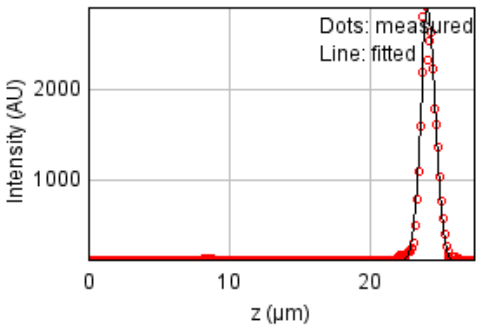




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.943

Parameters:
A = 2518.993 (brightness)
B = 242.643 (background)
a = 0.290 px
b = -0.010 px
c = 0.296 px
xc = 5.962 px
yc = 5.684 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1239428.28
Standard deviation: 72.31635
R^2: 0.97899
Parameters:
a = 113.91443
b = 2898.53370
c = 24.22578
d = 0.52242

Bead 338

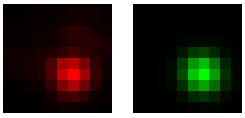
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

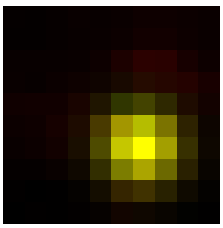
Coordinates : 51.1 um (x), -13.8 um (y), 24.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	314 nm	320 nm	190 nm
max	324 nm	331 nm	190 nm
z	1.14 um	1.15 um	642 nm
Asymmetry	0.967		
Theta	-35.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

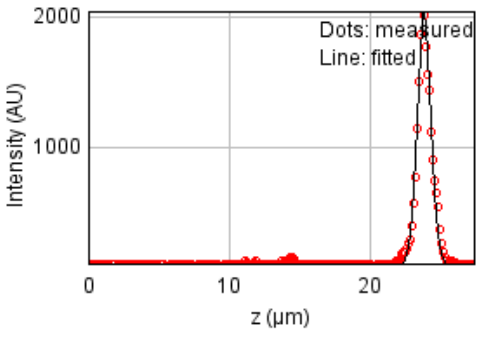




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 1923.874 (brightness)
B = 192.849 (background)
a = 0.363 px
b = -0.011 px
c = 0.371 px
xc = 5.845 px
yc = 5.902 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 335555.840
Standard deviation: 37.62775
R^2: 0.98726
Parameters:
a = 117.36088
b = 2049.18163
c = 23.95216
d = 0.48620

Bead 339

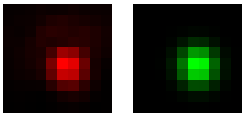
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

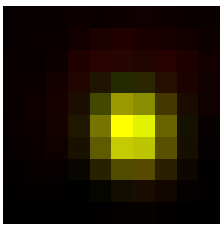
Coordinates : -24.8 um (x), 4.27 um (y), 24.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	297 nm	303 nm	190 nm
max	315 nm	322 nm	190 nm
z	1.53 um	1.54 um	642 nm
Asymmetry	0.942		
Theta	-77.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

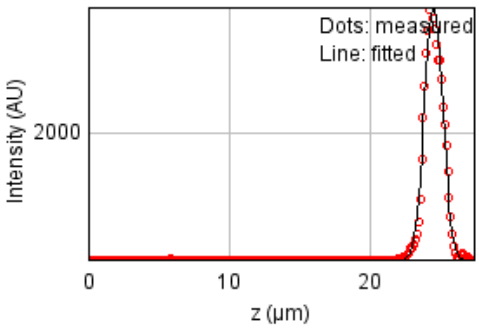




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 4979.165 (brightness)
B = 341.542 (background)
a = 0.421 px
b = -0.010 px
c = 0.378 px
xc = 5.440 px
yc = 5.202 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1307325.69
Standard deviation: 74.27074
R^2: 0.99000
Parameters:
a = 113.43324
b = 3881.12151
c = 24.62802
d = 0.65088

Bead 340

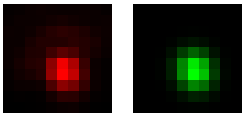
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

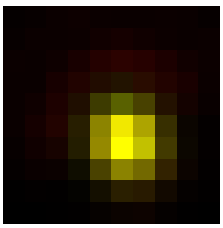
Coordinates : -13.1 um (x), 1.55 um (y), 24.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	316 nm	323 nm	190 nm
z	1.17 um	1.17 um	642 nm
Asymmetry	0.893		
Theta	-69.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

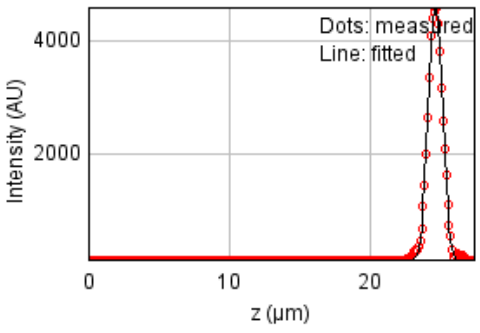




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 4547.802 (brightness)
B = 321.136 (background)
a = 0.455 px
b = -0.032 px
c = 0.385 px
xc = 5.164 px
yc = 5.642 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 238691.280
Standard deviation: 31.73541
R^2: 0.99833
Parameters:
a = 115.74142
b = 4605.10338
c = 24.76262
d = 0.49559

Bead 341

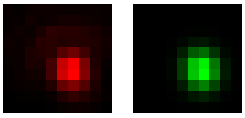
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

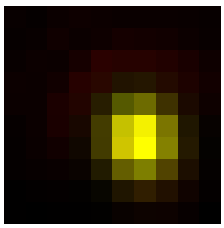
Coordinates : -32.2 um (x), 25.2 um (y), 24.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	316 nm	323 nm	190 nm
z	1.22 um	1.23 um	642 nm
Asymmetry	0.884		
Theta	-78.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

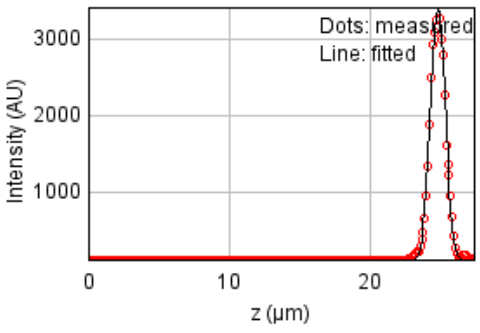




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 3498.792 (brightness)
B = 276.771 (background)
a = 0.474 px
b = -0.021 px
c = 0.378 px
xc = 5.759 px
yc = 5.565 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 336597.952
Standard deviation: 37.68613
R^2: 0.99584
Parameters:
a = 116.14688
b = 3411.51203
c = 24.93696
d = 0.52013

Bead 342

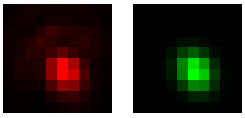
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

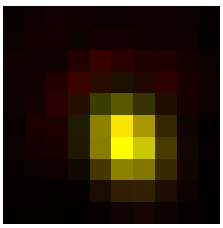
Coordinates : -45.9 um (x), 19.5 um (y), 24.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	265 nm	270 nm	190 nm
max	325 nm	332 nm	190 nm
z	1.23 um	1.23 um	642 nm
Asymmetry	0.815		
Theta	-59.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

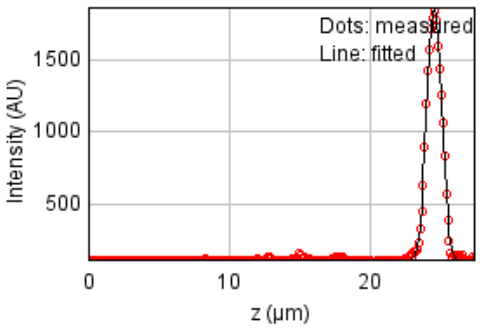




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 1792.459 (brightness)
B = 203.077 (background)
a = 0.486 px
b = -0.078 px
c = 0.399 px
xc = 5.191 px
yc = 5.690 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 85314.2443
Standard deviation: 18.97303
R^2: 0.99623
Parameters:
a = 115.68307
b = 1859.84798
c = 24.67696
d = 0.52042

Bead 343

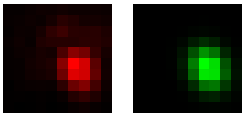
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

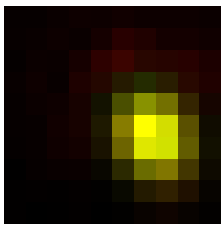
Coordinates : -48.8 um (x), 8.77 um (y), 24.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	349 nm	357 nm	190 nm
z	1.36 um	1.36 um	642 nm
Asymmetry	0.814		
Theta	-65.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

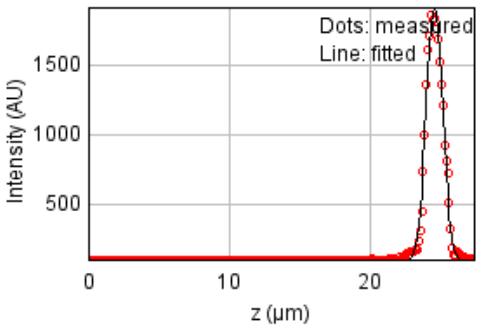




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.953

Parameters:
A = 1995.053 (brightness)
B = 215.029 (background)
a = 0.435 px
b = -0.059 px
c = 0.332 px
xc = 6.389 px
yc = 5.418 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 219916.594
Standard deviation: 30.46175
R^2: 0.99173
Parameters:
a = 109.25304
b = 1904.65701
c = 24.69429
d = 0.57806

Bead 344

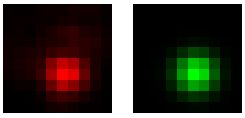
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

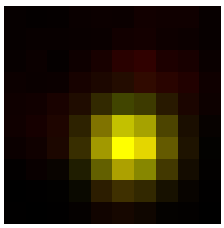
Coordinates : 49.4 um (x), 2.91 um (y), 24.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	316 nm	323 nm	190 nm
max	328 nm	335 nm	190 nm
z	1.2 um	1.2 um	642 nm
Asymmetry	0.964		
Theta	2.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

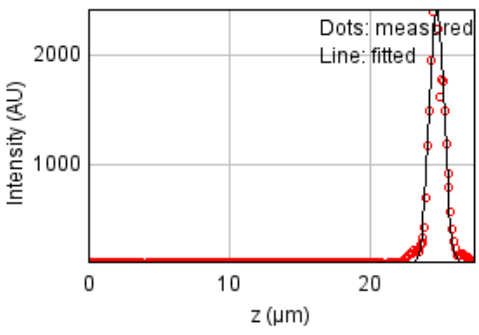




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 2550.356 (brightness)
B = 238.375 (background)
a = 0.346 px
b = 0.001 px
c = 0.373 px
xc = 5.245 px
yc = 5.877 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1065651.66
Standard deviation: 67.05535
R^2: 0.97298
Parameters:
a = 116.89809
b = 2411.85336
c = 24.85861
d = 0.51017

Bead 345

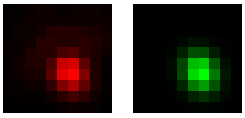
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

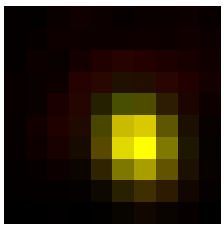
Coordinates : -21.2 um (x), -18.9 um (y), 25.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	331 nm	338 nm	190 nm
z	1.25 um	1.25 um	642 nm
Asymmetry	0.842		
Theta	-66.9°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

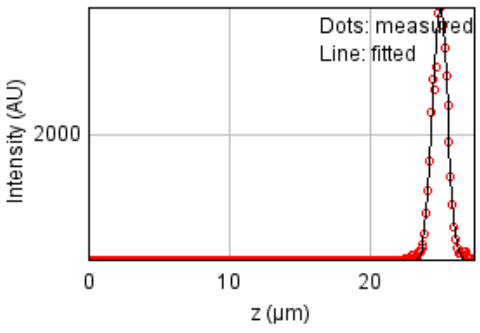




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 4079.936 (brightness)
B = 313.089 (background)
a = 0.460 px
b = -0.051 px
c = 0.363 px
xc = 5.663 px
yc = 5.789 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 647975.347
Standard deviation: 52.28837
R^2: 0.99408
Parameters:
a = 115.77140
b = 3906.66117
c = 25.09190
d = 0.53140

Bead 346

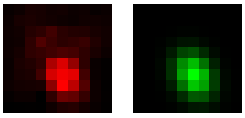
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

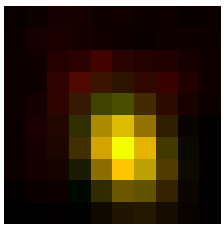
Coordinates : -54.3 um (x), -3.84 um (y), 24.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	293 nm	299 nm	190 nm
max	388 nm	396 nm	190 nm
z	1.38 um	1.38 um	642 nm
Asymmetry	0.756		
Theta	-64.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

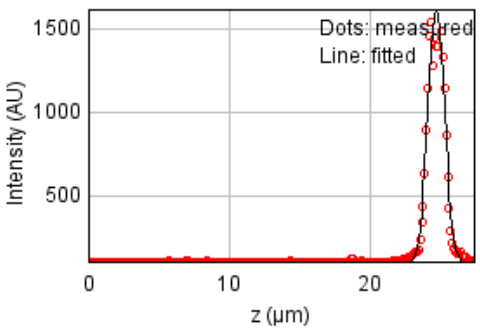




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.926

Parameters:
A = 1425.312 (brightness)
B = 206.710 (background)
a = 0.400 px
b = -0.072 px
c = 0.283 px
xc = 5.073 px
yc = 6.067 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 419074.758
Standard deviation: 42.05054
R^2: 0.97809
Parameters:
a = 109.75085
b = 1613.95878
c = 24.82126
d = 0.58520

Bead 347

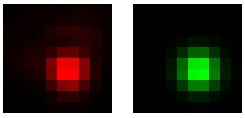
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

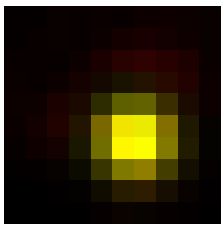
Coordinates : 15.6 um (x), -12.8 um (y), 25.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	306 nm	312 nm	190 nm
max	311 nm	318 nm	190 nm
z	1.32 um	1.32 um	642 nm
Asymmetry	0.983		
Theta	-25.8°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

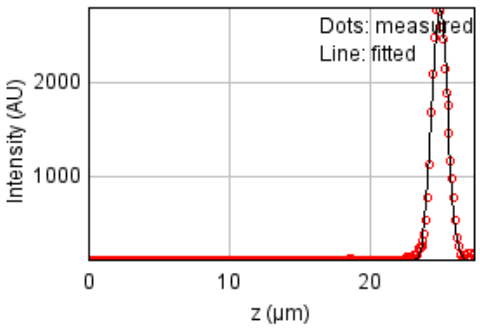




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 3037.483 (brightness)
B = 229.400 (background)
a = 0.388 px
b = -0.005 px
c = 0.396 px
xc = 5.540 px
yc = 5.602 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 537746.522
Standard deviation: 47.63373
R^2: 0.99073
Parameters:
a = 114.83615
b = 2807.93997
c = 25.07252
d = 0.55869

Bead 348

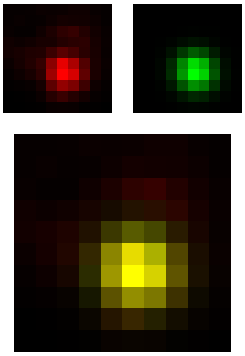
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 32.3 um (x), -25.6 um (y), 25.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	314 nm	321 nm	190 nm
max	325 nm	332 nm	190 nm
z	1.17 um	1.17 um	642 nm
Asymmetry	0.968		
Theta	-35.8°		

XY profile & fitting parameters :

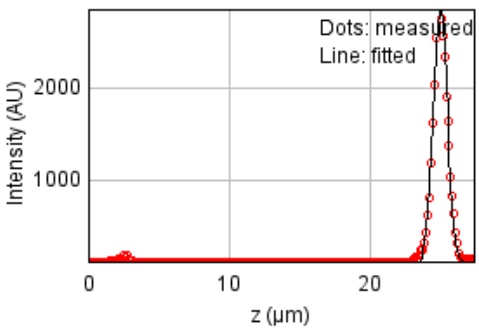
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 2649.237 (brightness)
B = 236.407 (background)
a = 0.362 px
b = -0.011 px
c = 0.369 px
xc = 5.216 px
yc = 5.711 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 368562.921
Standard deviation: 39.43498
R^2: 0.99313
Parameters:
a = 120.52988
b = 2863.43378
c = 25.11602
d = 0.49494

Bead 349

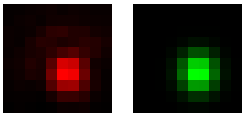
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

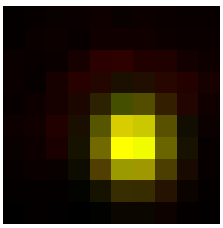
Coordinates : -28.4 um (x), 20.2 um (y), 25.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	288 nm	294 nm	190 nm
max	319 nm	326 nm	190 nm
z	1.3 um	1.3 um	642 nm
Asymmetry	0.901		
Theta	-89.4°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

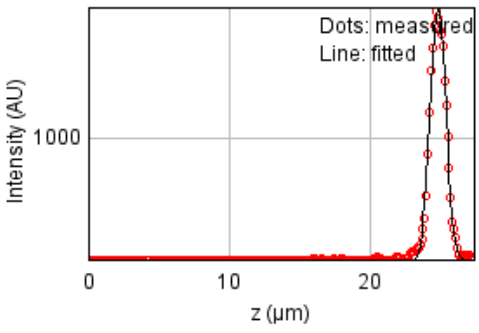




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 1982.703 (brightness)
B = 201.407 (background)
a = 0.450 px
b = -0.001 px
c = 0.366 px
xc = 5.484 px
yc = 5.807 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 138849.477
Standard deviation: 24.20460
R^2: 0.99476
Parameters:
a = 114.76612
b = 1948.76511
c = 24.95471
d = 0.55247

Bead 350

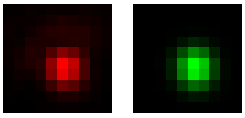
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

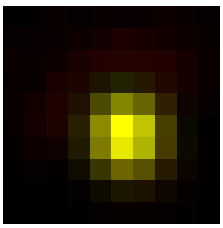
Coordinates : -2.76 um (x), 23.0 um (y), 25.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	291 nm	297 nm	190 nm
max	318 nm	325 nm	190 nm
z	1.31 um	1.31 um	642 nm
Asymmetry	0.915		
Theta	-82.9°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

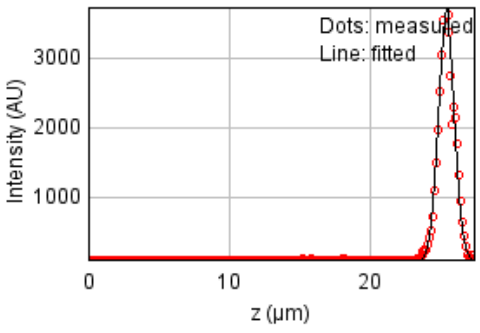




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 4332.183 (brightness)
B = 295.506 (background)
a = 0.439 px
b = -0.009 px
c = 0.370 px
xc = 5.205 px
yc = 5.374 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1401288.24
Standard deviation: 76.89349
R^2: 0.98649
Parameters:
a = 117.71528
b = 3717.81705
c = 25.54916
d = 0.55663

Bead 351

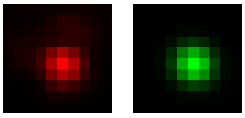
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

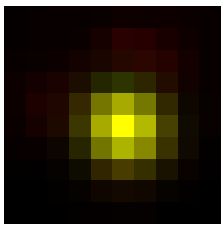
Coordinates : 41.5 um (x), 13.3 um (y), 25.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	309 nm	316 nm	190 nm
max	326 nm	333 nm	190 nm
z	1.09 um	1.09 um	642 nm
Asymmetry	0.948		
Theta	-33.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

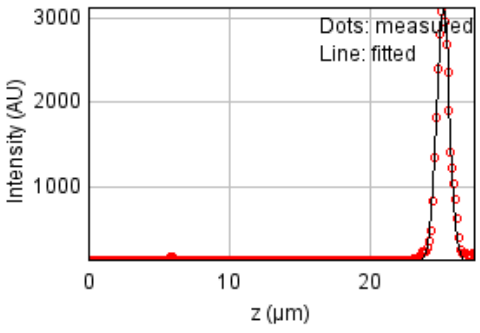




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 2942.013 (brightness)
B = 241.875 (background)
a = 0.363 px
b = -0.018 px
c = 0.379 px
xc = 5.056 px
yc = 5.043 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 574615.695
Standard deviation: 49.23961
R^2: 0.99056
Parameters:
a = 118.05129
b = 3132.47994
c = 25.31338
d = 0.46171

Bead 352

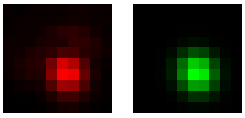
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

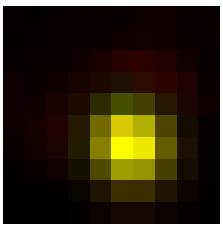
Coordinates : 20.2 um (x), 9.65 um (y), 25.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	300 nm	306 nm	190 nm
max	325 nm	332 nm	190 nm
z	1.1 um	1.1 um	642 nm
Asymmetry	0.923		
Theta	-65.1°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

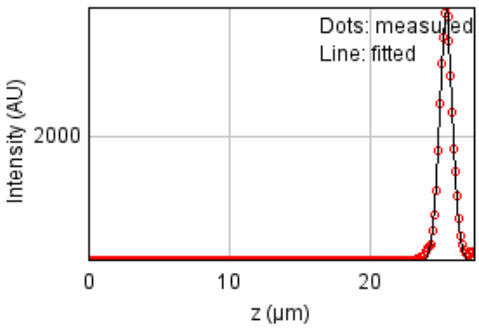




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 3958.832 (brightness)
B = 309.711 (background)
a = 0.404 px
b = -0.024 px
c = 0.365 px
xc = 5.367 px
yc = 5.841 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 301196.299
Standard deviation: 35.64927
R^2: 0.99698
Parameters:
a = 117.47046
b = 3972.80319
c = 25.52419
d = 0.46585

Bead 353

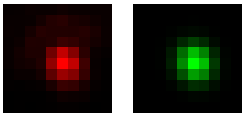
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

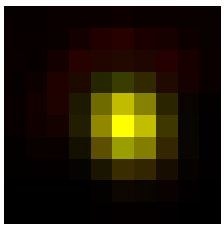
Coordinates : -21.1 um (x), 6.39 um (y), 25.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	312 nm	319 nm	190 nm
z	1.09 um	1.09 um	642 nm
Asymmetry	0.895		
Theta	-67.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

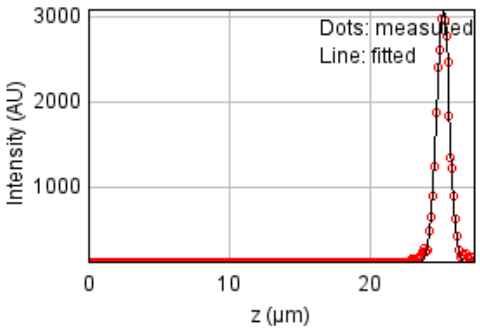




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 2931.128 (brightness)
B = 238.463 (background)
a = 0.464 px
b = -0.034 px
c = 0.397 px
xc = 5.172 px
yc = 4.906 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 269181.023
Standard deviation: 33.70141
R^2: 0.99540
Parameters:
a = 116.05228
b = 3082.64131
c = 25.30787
d = 0.46082

Bead 354

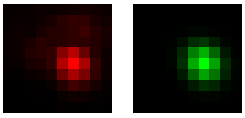
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

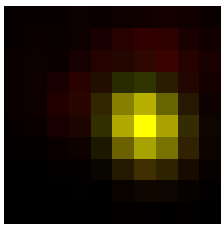
Coordinates : 7.65 um (x), -8.0 um (y), 25.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	316 nm	323 nm	190 nm
z	1.09 um	1.1 um	642 nm
Asymmetry	0.885		
Theta	-52.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

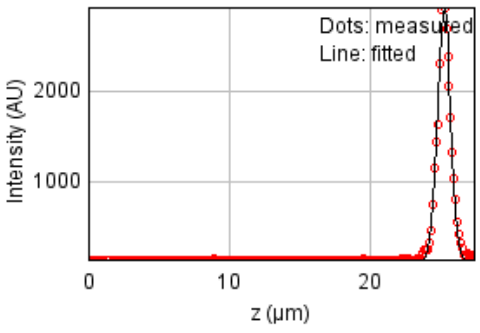




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.931

Parameters:
A = 2673.204 (brightness)
B = 272.729 (background)
a = 0.438 px
b = -0.050 px
c = 0.412 px
xc = 5.976 px
yc = 4.953 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 378433.459
Standard deviation: 39.95955
R^2: 0.99293
Parameters:
a = 118.10368
b = 2939.87856
c = 25.38202
d = 0.46477

Bead 355

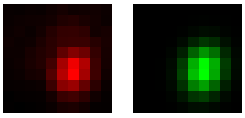
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

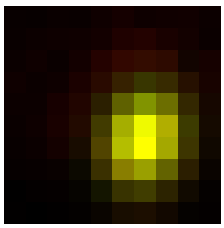
Coordinates : 9.27 um (x), 18.7 um (y), 25.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	318 nm	325 nm	190 nm
max	394 nm	403 nm	190 nm
z	1.3 um	1.3 um	642 nm
Asymmetry	0.807		
Theta	76.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

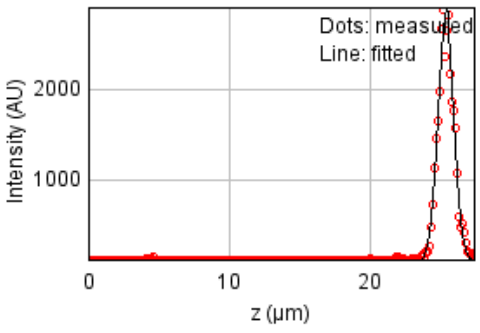




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 2409.712 (brightness)
B = 254.305 (background)
a = 0.361 px
b = 0.030 px
c = 0.248 px
xc = 5.952 px
yc = 5.557 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 936702.159
Standard deviation: 62.86756
R^2: 0.98491
Parameters:
a = 118.99080
b = 2912.03558
c = 25.51961
d = 0.55215

Bead 356

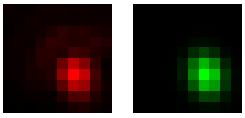
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

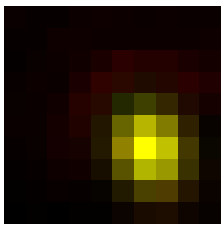
Coordinates : -32.0 um (x), 6.84 um (y), 25.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	337 nm	344 nm	190 nm
z	1.13 um	1.14 um	642 nm
Asymmetry	0.812		
Theta	-71.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

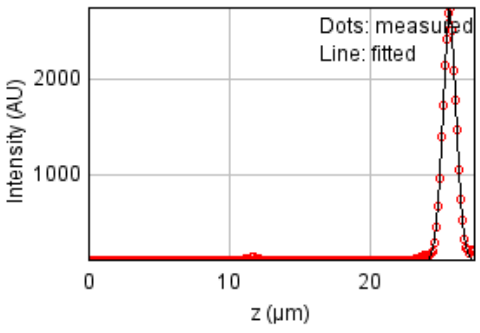




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 2470.386 (brightness)
B = 250.050 (background)
a = 0.482 px
b = -0.052 px
c = 0.347 px
xc = 6.212 px
yc = 6.033 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 101200.773
Standard deviation: 20.66416
R^2: 0.99790
Parameters:
a = 114.76534
b = 2756.71105
c = 25.76397
d = 0.48133

Bead 357

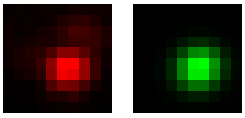
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

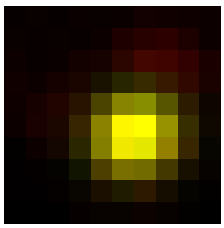
Coordinates : 55.4 um (x), 20.4 um (y), 25.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	328 nm	335 nm	190 nm
max	357 nm	365 nm	190 nm
z	1.53 um	1.54 um	642 nm
Asymmetry	0.918		
Theta	22.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

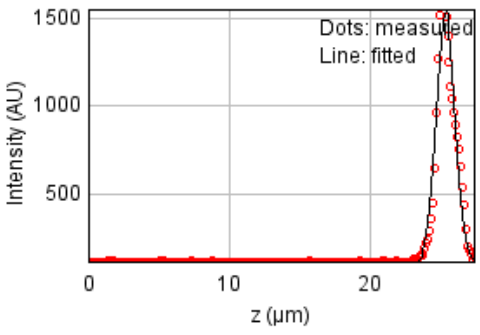




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 1656.291 (brightness)
B = 193.273 (background)
a = 0.301 px
b = 0.019 px
c = 0.339 px
xc = 5.540 px
yc = 5.384 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 529933.623
Standard deviation: 47.28643
R^2: 0.97272
Parameters:
a = 108.89205
b = 1548.07489
c = 25.49221
d = 0.65155

Bead 358

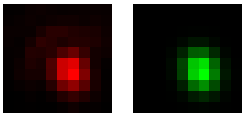
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

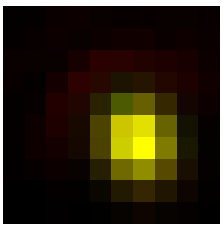
Coordinates : -34.7 um (x), 20.1 um (y), 25.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	327 nm	334 nm	190 nm
z	1.27 um	1.28 um	642 nm
Asymmetry	0.843		
Theta	-71.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

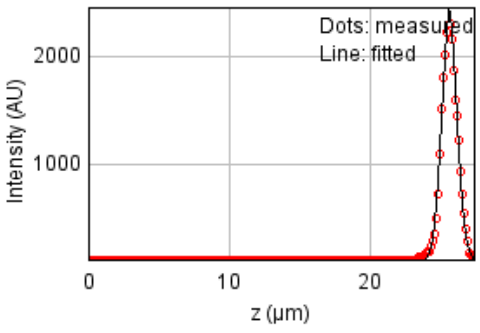




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 2471.162 (brightness)
B = 230.499 (background)
a = 0.476 px
b = -0.043 px
c = 0.362 px
xc = 5.697 px
yc = 5.646 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 201427.612
Standard deviation: 29.15314
R^2: 0.99525
Parameters:
a = 112.37228
b = 2453.61017
c = 25.75440
d = 0.54093

Bead 359

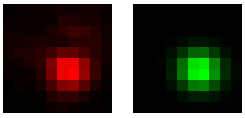
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

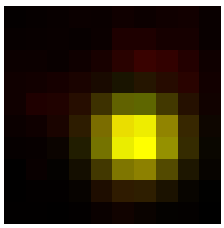
Coordinates : 52.9 um (x), -21.4 um (y), 25.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	313 nm	320 nm	190 nm
max	340 nm	347 nm	190 nm
z	1.25 um	1.25 um	642 nm
Asymmetry	0.92		
Theta	-7.4°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

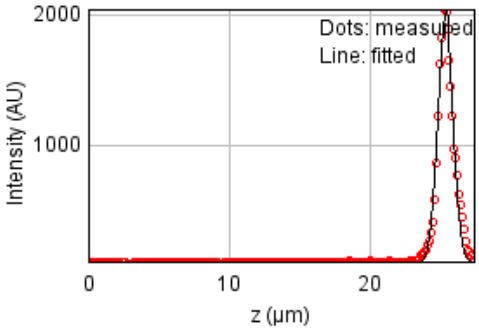




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 2031.041 (brightness)
B = 211.982 (background)
a = 0.323 px
b = -0.007 px
c = 0.380 px
xc = 5.611 px
yc = 5.594 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 432012.506
Standard deviation: 42.69470
R^2: 0.98479
Parameters:
a = 114.26607
b = 2037.88676
c = 25.48658
d = 0.53097

Bead 360

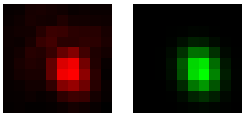
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

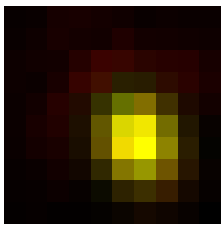
Coordinates : -53.6 um (x), 13.5 um (y), 25.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	295 nm	301 nm	190 nm
max	353 nm	360 nm	190 nm
z	1.43 um	1.43 um	642 nm
Asymmetry	0.835		
Theta	-69.4°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

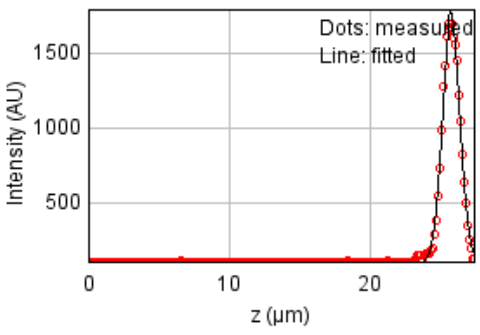




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.948

Parameters:
A = 1628.287 (brightness)
B = 209.883 (background)
a = 0.414 px
b = -0.043 px
c = 0.316 px
xc = 5.653 px
yc = 5.618 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 122775.790
Standard deviation: 22.76052
R^2: 0.99495
Parameters:
a = 107.91766
b = 1789.14784
c = 25.87921
d = 0.60711

Bead 361

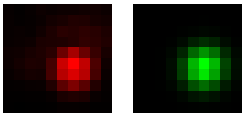
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

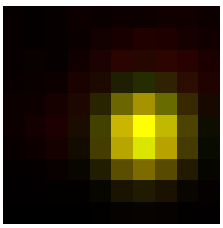
Coordinates : 7.77 um (x), 1.0 um (y), 26.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	329 nm	336 nm	190 nm
max	339 nm	347 nm	190 nm
z	1.37 um	1.37 um	642 nm
Asymmetry	0.971		
Theta	57.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

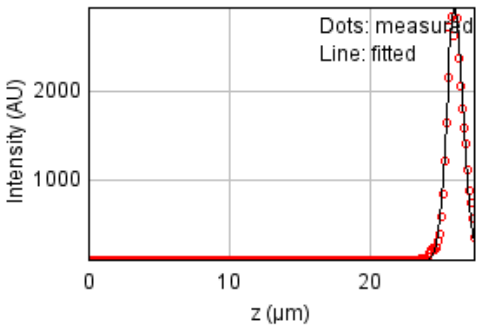




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 3012.220 (brightness)
B = 245.385 (background)
a = 0.338 px
b = 0.009 px
c = 0.330 px
xc = 6.003 px
yc = 5.338 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 821554.190
Standard deviation: 58.87676
R^2: 0.98776
Parameters:
a = 110.84700
b = 2952.48610
c = 26.14417
d = 0.58009

Bead 362

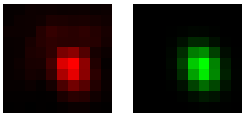
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

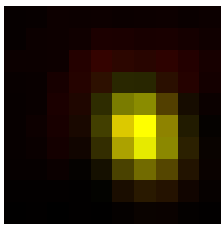
Coordinates : -26.0 um (x), -24.3 um (y), 26.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	342 nm	350 nm	190 nm
z	1.44 um	1.44 um	642 nm
Asymmetry	0.811		
Theta	-65.7°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

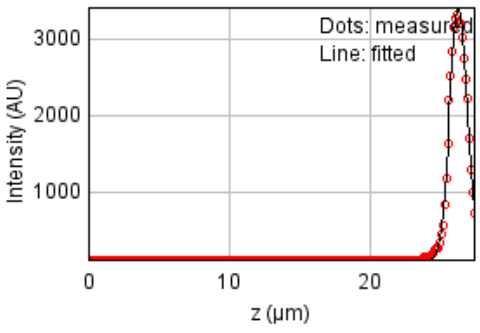




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.954

Parameters:
A = 3503.134 (brightness)
B = 292.305 (background)
a = 0.456 px
b = -0.062 px
c = 0.346 px
xc = 5.812 px
yc = 5.337 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 294748.174
Standard deviation: 35.26561
R^2: 0.99691
Parameters:
a = 111.29515
b = 3433.67859
c = 26.39420
d = 0.61120

Bead 363

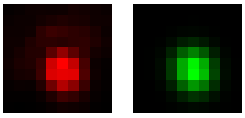
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

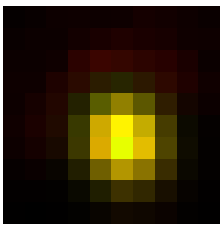
Coordinates : -4.75 um (x), 5.73 um (y), 26.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	321 nm	328 nm	190 nm
max	360 nm	368 nm	190 nm
z	1.4 um	1.41 um	642 nm
Asymmetry	0.892		
Theta	-72.6°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

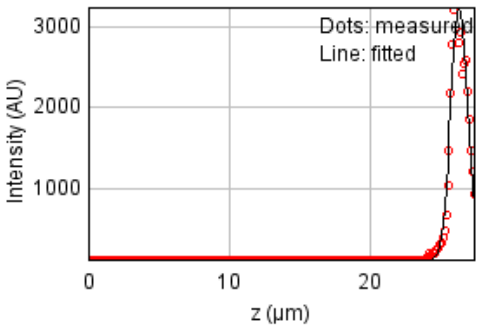




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.948

Parameters:
A = 3188.680 (brightness)
B = 276.140 (background)
a = 0.356 px
b = -0.021 px
c = 0.295 px
xc = 5.048 px
yc = 5.593 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1801748.16
Standard deviation: 87.19124
R^2: 0.97850
Parameters:
a = 113.21019
b = 3234.55680
c = 26.45136
d = 0.59630

Bead 364

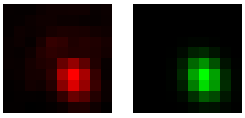
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

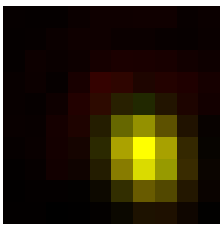
Coordinates : -22.5 um (x), -13.5 um (y), 26.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	333 nm	341 nm	190 nm
z	1.11 um	1.11 um	642 nm
Asymmetry	0.83		
Theta	-65.7°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

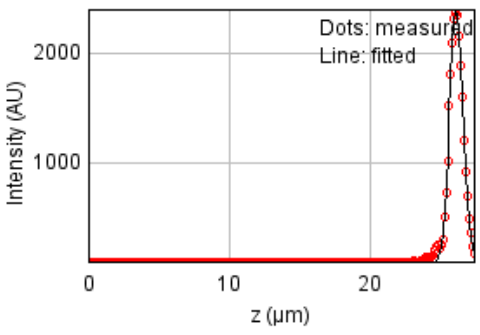




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.960

Parameters:
A = 2190.760 (brightness)
B = 222.077 (background)
a = 0.461 px
b = -0.057 px
c = 0.361 px
xc = 6.033 px
yc = 6.292 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 113906.385
Standard deviation: 21.92299
R^2: 0.99677
Parameters:
a = 112.80711
b = 2393.07169
c = 26.24292
d = 0.47109

Bead 365

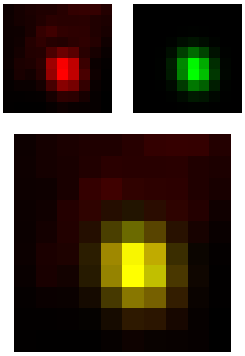
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -23.4 um (x), 979 nm (y), 26.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	310 nm	317 nm	190 nm
z	1.34 um	1.34 um	642 nm
Asymmetry	0.884		
Theta	-68.5°		

XY profile & fitting parameters :

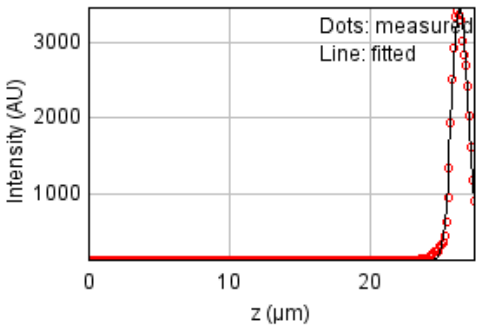
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.911

Parameters:
A = 3366.427 (brightness)
B = 383.686 (background)
a = 0.481 px
b = -0.037 px
c = 0.402 px
xc = 5.163 px
yc = 5.563 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 605218.466
Standard deviation: 50.53379
R^2: 0.99341
Parameters:
a = 115.61990
b = 3478.43195
c = 26.50405
d = 0.56921

Bead 366

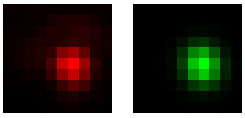
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

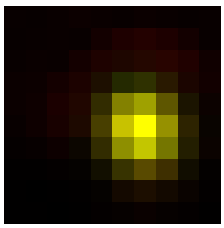
Coordinates : 8.56 um (x), -10.3 um (y), 26.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	294 nm	300 nm	190 nm
max	326 nm	333 nm	190 nm
z	1.05 um	1.06 um	642 nm
Asymmetry	0.901		
Theta	-70.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

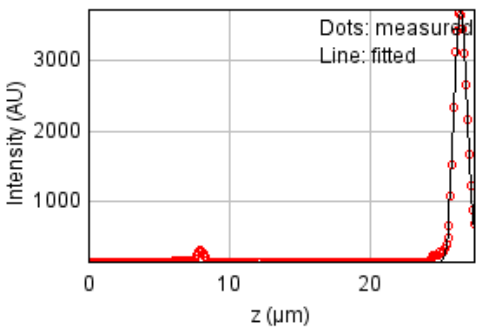




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 3412.068 (brightness)
B = 265.674 (background)
a = 0.423 px
b = -0.026 px
c = 0.361 px
xc = 5.833 px
yc = 5.131 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 586748.132
Standard deviation: 49.75671
R^2: 0.99302
Parameters:
a = 127.45913
b = 3725.95408
c = 26.55293
d = 0.44739

Bead 367

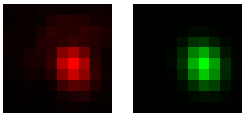
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

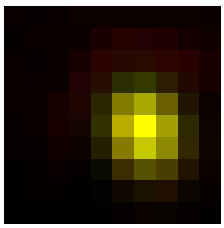
Coordinates : -22.5 um (x), 18.1 um (y), 26.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	286 nm	292 nm	190 nm
max	345 nm	352 nm	190 nm
z	1.06 um	1.06 um	642 nm
Asymmetry	0.831		
Theta	-69.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

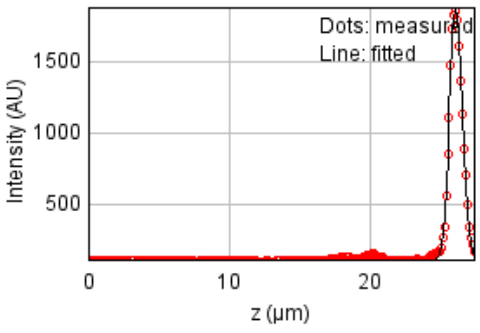




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.958

Parameters:
A = 1661.805 (brightness)
B = 191.248 (background)
a = 0.438 px
b = -0.047 px
c = 0.332 px
xc = 5.968 px
yc = 5.133 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 105472.709
Standard deviation: 21.09579
R^2: 0.99474
Parameters:
a = 117.08247
b = 1875.20001
c = 26.22203
d = 0.44834

Bead 368

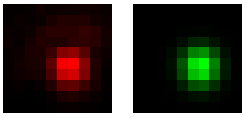
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

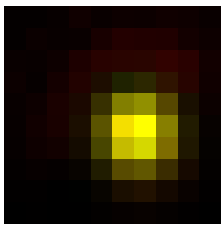
Coordinates : -3.4 um (x), 8.32 um (y), 26.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	298 nm	304 nm	190 nm
max	317 nm	324 nm	190 nm
z	1.47 um	1.47 um	642 nm
Asymmetry	0.939		
Theta	-85.3°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

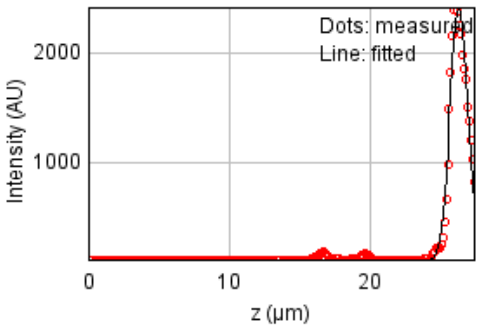




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 2673.579 (brightness)
B = 250.082 (background)
a = 0.421 px
b = -0.004 px
c = 0.371 px
xc = 5.665 px
yc = 5.271 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 778308.729
Standard deviation: 57.30622
R^2: 0.98344
Parameters:
a = 119.15875
b = 2415.68892
c = 26.42530
d = 0.62313

Bead 369

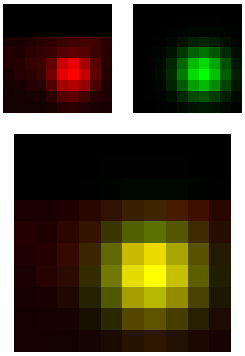
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 54.9 um (x), 25.8 um (y), 26.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	393 nm	401 nm	190 nm
max	413 nm	422 nm	190 nm
z	1.28 um	1.28 um	642 nm
Asymmetry	0.95		
Theta	2.2°		

XY profile & fitting parameters :

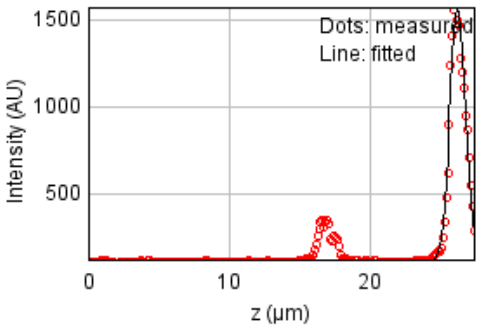
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.937

Parameters:
A = 1425.965 (brightness)
B = 79.405 (background)
a = 0.218 px
b = 0.001 px
c = 0.242 px
xc = 5.858 px
yc = 5.834 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 699693.924
Standard deviation: 54.33503
R^2: 0.95837
Parameters:
a = 124.96657
b = 1567.20471
c = 26.34345
d = 0.54435

Bead 370

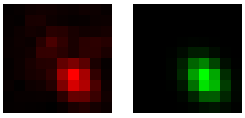
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

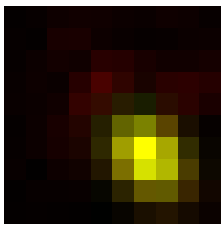
Coordinates : -52.1 um (x), -3.99 um (y), 26.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	262 nm	267 nm	190 nm
max	344 nm	352 nm	190 nm
z	1.18 um	1.18 um	642 nm
Asymmetry	0.76		
Theta	-51.2°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

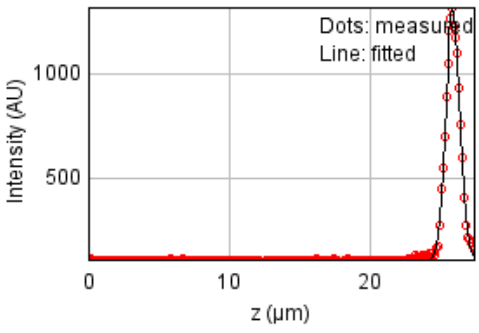




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.926

Parameters:
A = 1146.015 (brightness)
B = 188.061 (background)
a = 0.454 px
b = -0.112 px
c = 0.404 px
xc = 6.122 px
yc = 6.374 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 38798.6668
Standard deviation: 12.79482
R^2: 0.99627
Parameters:
a = 108.71912
b = 1314.07052
c = 25.99510
d = 0.49921

Bead 371

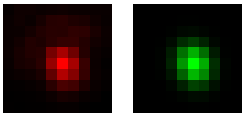
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

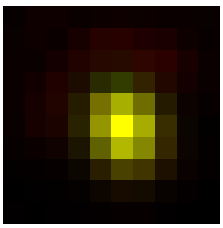
Coordinates : -6.72 um (x), -7.31 um (y), 26.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	283 nm	190 nm
max	333 nm	340 nm	190 nm
z	1.12 um	1.12 um	642 nm
Asymmetry	0.835		
Theta	-71.0°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

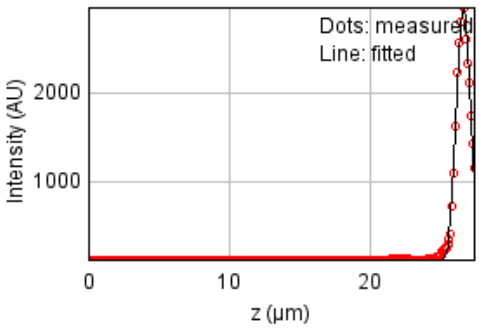




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.951

Parameters:
A = 2615.697 (brightness)
B = 252.524 (background)
a = 0.469 px
b = -0.045 px
c = 0.353 px
xc = 5.083 px
yc = 5.038 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 339974.192
Standard deviation: 37.87467
R^2: 0.99395
Parameters:
a = 114.35447
b = 2982.09894
c = 26.75178
d = 0.47525

Bead 372

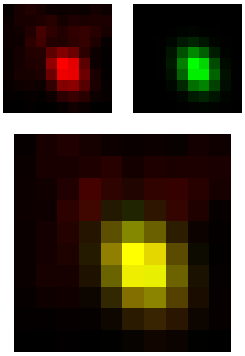
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -50.6 um (x), -20.1 um (y), 26.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	355 nm	363 nm	190 nm
z	1.52 um	1.52 um	642 nm
Asymmetry	0.776		
Theta	-58.6°		

XY profile & fitting parameters :

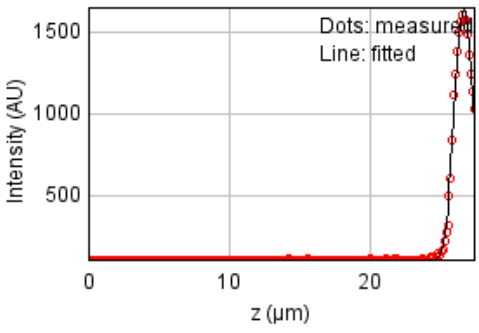
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.934

Parameters:
A = 1661.802 (brightness)
B = 219.077 (background)
a = 0.438 px
b = -0.087 px
c = 0.349 px
xc = 5.400 px
yc = 5.502 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 81166.7794
Standard deviation: 18.50610
R^2: 0.99614
Parameters:
a = 109.46628
b = 1654.65772
c = 26.77106
d = 0.64409

Bead 373

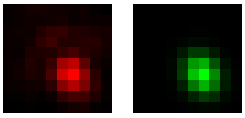
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

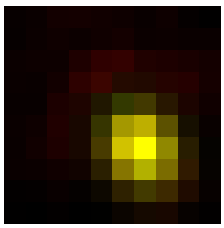
Coordinates : -51.2 um (x), 15.2 um (y), 26.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	334 nm	341 nm	190 nm
z	1.2 um	1.21 um	642 nm
Asymmetry	0.822		
Theta	-60.4°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

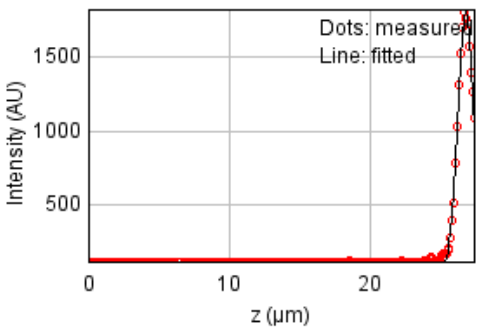




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.945

Parameters:
A = 1611.360 (brightness)
B = 219.231 (background)
a = 0.456 px
b = -0.069 px
c = 0.374 px
xc = 5.800 px
yc = 5.969 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 65890.4951
Standard deviation: 16.67390
R^2: 0.99686
Parameters:
a = 109.52307
b = 1824.59879
c = 26.90481
d = 0.51107

Bead 374

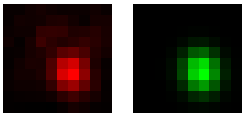
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

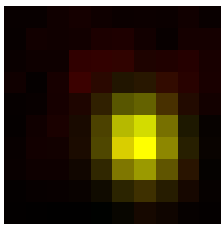
Coordinates : -48.4 um (x), 6.76 um (y), 26.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	295 nm	301 nm	190 nm
max	339 nm	346 nm	190 nm
z	1.43 um	1.43 um	642 nm
Asymmetry	0.869		
Theta	-78.5°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

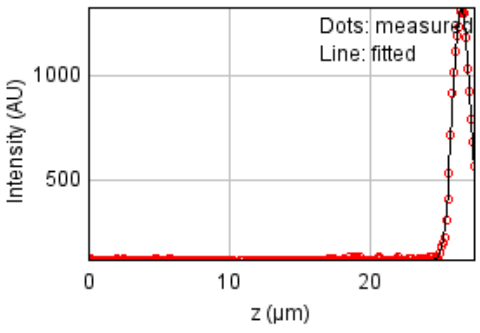




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.947

Parameters:
A = 1174.915 (brightness)
B = 183.001 (background)
a = 0.425 px
b = -0.020 px
c = 0.329 px
xc = 5.739 px
yc = 5.712 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 41631.8802
Standard deviation: 13.25375
R^2: 0.99675
Parameters:
a = 110.34571
b = 1335.82309
c = 26.60830
d = 0.60735

Bead 375

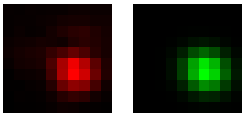
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

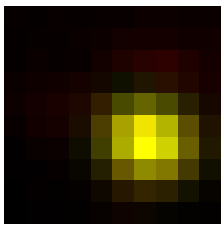
Coordinates : 51.5 um (x), -23.7 um (y), 26.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	319 nm	326 nm	190 nm
max	358 nm	366 nm	190 nm
z	1.09 um	1.09 um	642 nm
Asymmetry	0.89		
Theta	-18.8°		

XY profile & fitting parameters :

(red : the orignal data, green : the fit, yellow : the two merged)

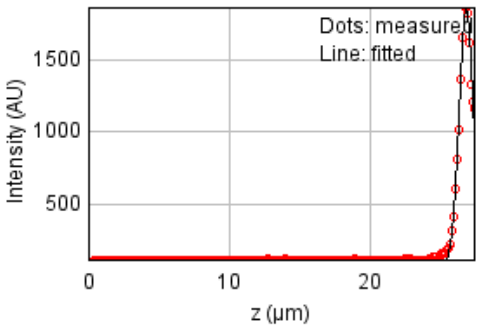




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 1804.662 (brightness)
B = 184.807 (background)
a = 0.299 px
b = -0.023 px
c = 0.359 px
xc = 6.145 px
yc = 5.662 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 121935.406
Standard deviation: 22.68249
R^2: 0.99392
Parameters:
a = 111.54108
b = 1862.77287
c = 26.93972
d = 0.46167

Bead 376

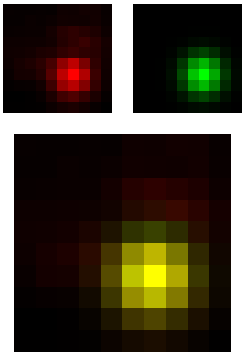
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 51.0 um (x), -5.11 um (y), 26.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	328 nm	335 nm	190 nm
max	333 nm	340 nm	190 nm
z	1.01 um	1.01 um	642 nm
Asymmetry	0.987		
Theta	89.2°		

XY profile & fitting parameters :

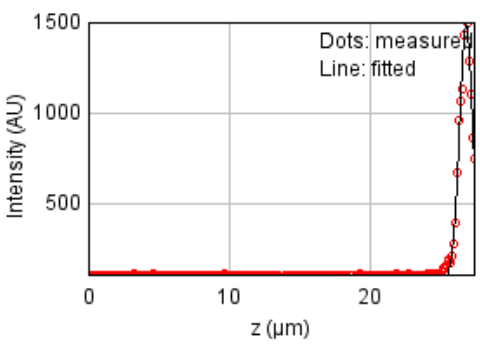
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.959

Parameters:
A = 1402.881 (brightness)
B = 187.997 (background)
a = 0.346 px
b = 0.000 px
c = 0.337 px
xc = 5.892 px
yc = 6.014 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 82254.4812
Standard deviation: 18.62969
R^2: 0.99314
Parameters:
a = 110.25734
b = 1503.76927
c = 26.92774
d = 0.43004