Bead 101

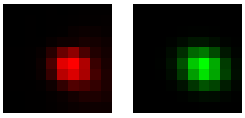
Date : Thu Jul 14 17:33:26 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

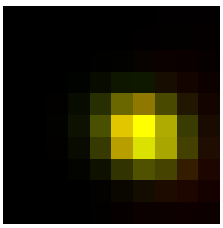
Coordinates : -20.9 um (x), 1.0 um (y), 7.53 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	347 nm	355 nm	190 nm
z	746 nm	747 nm	642 nm
Asymmetry	0.819		
Theta	-21.0°		

XY profile & fitting parameters :

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

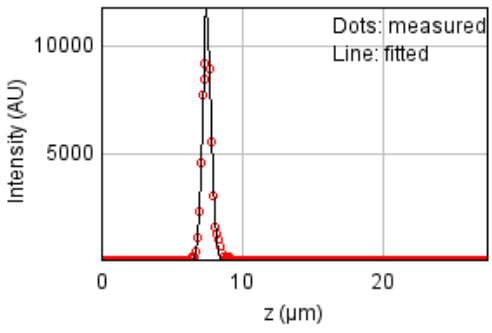




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.979

Parameters:
A = 13081.328 (brightness)
B = 257.521 (background)
a = 0.329 px
b = -0.051 px
c = 0.442 px
xc = 5.940 px
yc = 5.347 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 14351808.3
Standard deviation: 246.08160
R^2: 0.97781
Parameters:
a = 122.41064
b = 11795.1256
c = 7.53033
d = 0.31669

Bead 102

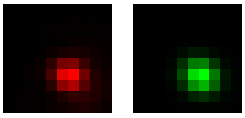
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

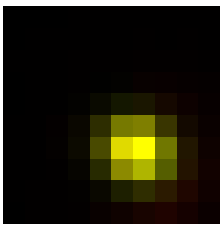
Coordinates : 8.32 um (x), -9.41 um (y), 7.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	259 nm	265 nm	190 nm
max	294 nm	300 nm	190 nm
z	607 nm	608 nm	642 nm
Asymmetry	0.88		
Theta	-30.1°		

XY profile & fitting parameters :

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

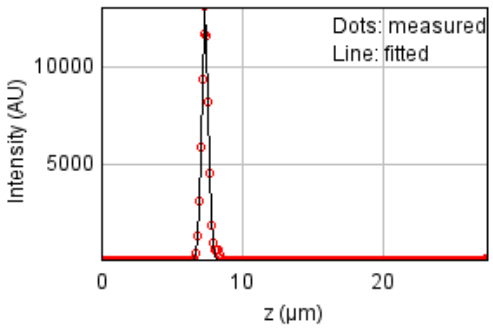




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.982

Parameters:
A = 13460.445 (brightness)
B = 304.783 (background)
a = 0.462 px
b = -0.054 px
c = 0.524 px
xc = 5.689 px
yc = 6.137 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1500498.65
Standard deviation: 79.56895
R^2: 0.99766
Parameters:
a = 132.85455
b = 13104.7464
c = 7.40433
d = 0.25777

Bead 103

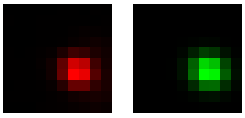
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

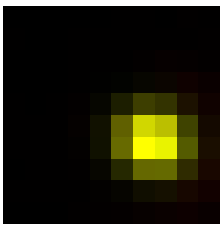
Coordinates : 11.4 um (x), -1.82 um (y), 7.56 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	260 nm	266 nm	190 nm
max	288 nm	294 nm	190 nm
z	667 nm	669 nm	642 nm
Asymmetry	0.904		
Theta	-22.2°		

XY profile & fitting parameters :

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

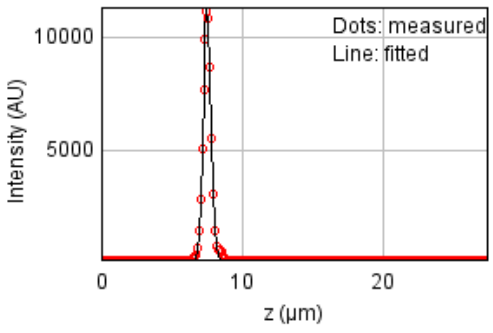




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 12291.548 (brightness)
B = 221.895 (background)
a = 0.464 px
b = -0.035 px
c = 0.537 px
xc = 6.421 px
yc = 5.688 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 952753.697
Standard deviation: 63.40393
R^2: 0.99819
Parameters:
a = 126.63855
b = 11352.8066
c = 7.55554
d = 0.28330

Bead 104

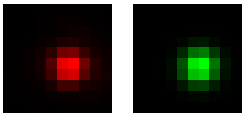
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

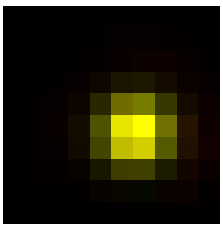
Coordinates : 54.4 um (x), 16.3 um (y), 7.55 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	286 nm	292 nm	190 nm
z	612 nm	613 nm	642 nm
Asymmetry	0.976		
Theta	24.5°		

XY profile & fitting parameters :

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

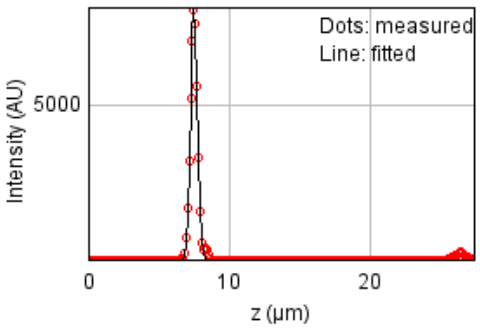




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 8572.132 (brightness)
B = 248.313 (background)
a = 0.460 px
b = 0.009 px
c = 0.475 px
xc = 5.612 px
yc = 5.279 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 976263.542
Standard deviation: 64.18143
R^2: 0.99594
Parameters:
a = 128.15215
b = 8029.62813
c = 7.54748
d = 0.25991

Bead 105

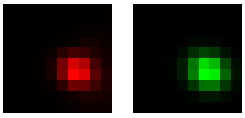
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

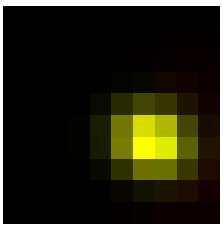
Coordinates : -17.4 um (x), 16.2 um (y), 7.94 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	275 nm	190 nm
max	314 nm	321 nm	190 nm
z	712 nm	713 nm	642 nm
Asymmetry	0.858		
Theta	-23.5°		

XY profile & fitting parameters :

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

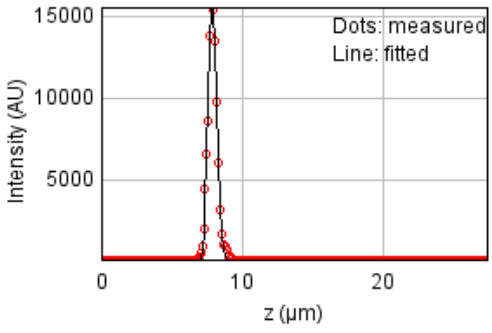




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 16700.809 (brightness)
B = 277.040 (background)
a = 0.399 px
b = -0.050 px
c = 0.492 px
xc = 6.367 px
yc = 5.694 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4819068.68
Standard deviation: 142.59601
R^2: 0.99557
Parameters:
a = 127.78955
b = 15751.4686
c = 7.94346
d = 0.30225

Bead 106

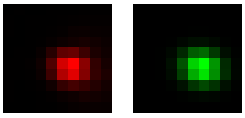
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

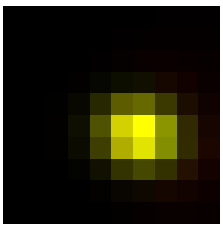
Coordinates : -36.7 um (x), -24.4 um (y), 7.85 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	267 nm	273 nm	190 nm
max	322 nm	329 nm	190 nm
z	663 nm	665 nm	642 nm
Asymmetry	0.83		
Theta	-14.1°		

XY profile & fitting parameters :

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

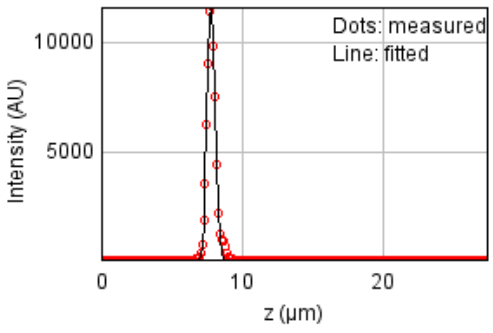




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 12320.006 (brightness)
B = 282.589 (background)
a = 0.369 px
b = -0.038 px
c = 0.513 px
xc = 5.805 px
yc = 5.367 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2019902.27
Standard deviation: 92.31898
R^2: 0.99638
Parameters:
a = 126.34528
b = 11695.7252
c = 7.85200
d = 0.28168

Bead 107

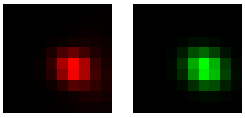
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

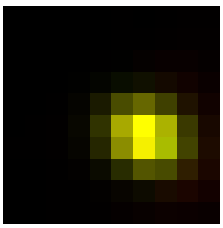
Coordinates : -15.6 um (x), 6.1 um (y), 8.08 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	275 nm	190 nm
max	321 nm	328 nm	190 nm
z	655 nm	656 nm	642 nm
Asymmetry	0.839		
Theta	-25.3°		

XY profile & fitting parameters :

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

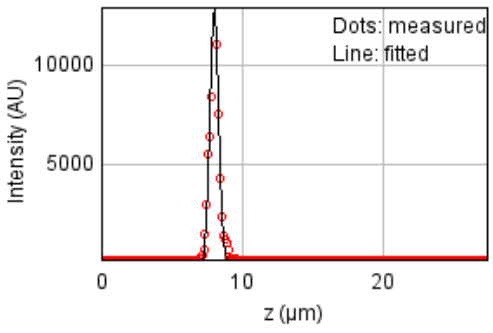




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.986

Parameters:
A = 14647.007 (brightness)
B = 288.209 (background)
a = 0.390 px
b = -0.059 px
c = 0.487 px
xc = 6.102 px
yc = 5.447 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 11439486.4
Standard deviation: 219.69951
R^2: 0.98346
Parameters:
a = 135.48948
b = 13020.4232
c = 8.07633
d = 0.27801

Bead 108

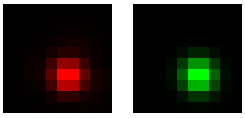
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

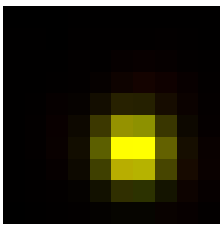
Coordinates : 51.9 um (x), -592 nm (y), 8.02 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	285 nm	291 nm	190 nm
z	636 nm	638 nm	642 nm
Asymmetry	0.969		
Theta	-70.0°		

XY profile & fitting parameters :

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

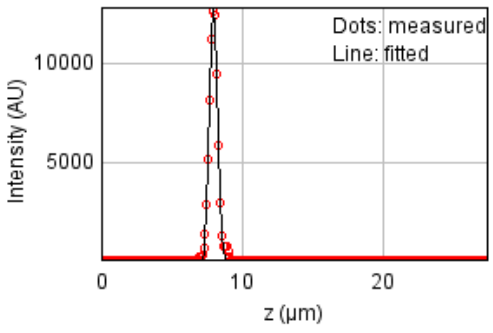




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.995

Parameters:
A = 14017.307 (brightness)
B = 292.384 (background)
a = 0.487 px
b = -0.009 px
c = 0.464 px
xc = 5.510 px
yc = 6.105 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2027550.45
Standard deviation: 92.49360
R^2: 0.99686
Parameters:
a = 125.65930
b = 12822.3989
c = 8.02150
d = 0.27029

Bead 109

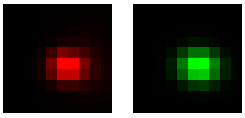
Date : Thu Jul 14 17:33:27 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

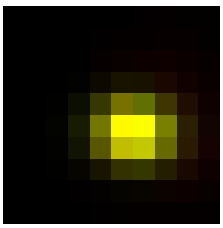
Coordinates : -45.3 um (x), -24.9 um (y), 8.12 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	264 nm	270 nm	190 nm
max	324 nm	331 nm	190 nm
z	738 nm	740 nm	642 nm
Asymmetry	0.816		
Theta	-5.9°		

XY profile & fitting parameters :

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

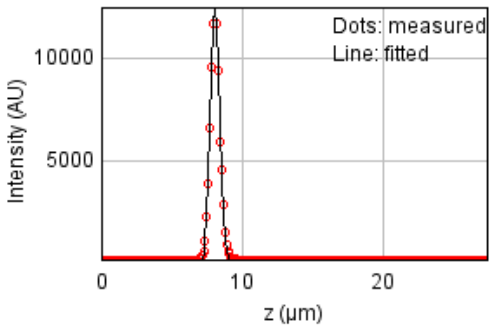




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 13602.287 (brightness)
B = 299.710 (background)
a = 0.358 px
b = -0.018 px
c = 0.533 px
xc = 5.548 px
yc = 5.259 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1876255.99
Standard deviation: 88.97579
R^2: 0.99731
Parameters:
a = 121.57606
b = 12426.8239
c = 8.12179
d = 0.31352

Bead 110

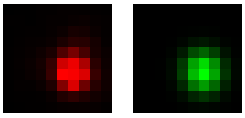
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

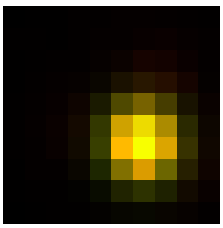
Coordinates : 57.5 um (x), -9.83 um (y), 8.17 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	313 nm	320 nm	190 nm
max	339 nm	346 nm	190 nm
z	734 nm	735 nm	642 nm
Asymmetry	0.924		
Theta	-83.3°		

XY profile & fitting parameters :

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

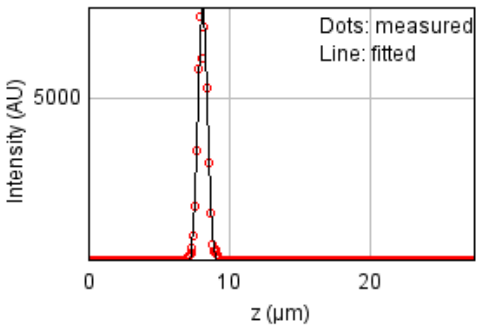




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 7350.170 (brightness)
B = 206.471 (background)
a = 0.379 px
b = -0.006 px
c = 0.325 px
xc = 5.915 px
yc = 5.737 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 6020364.91
Standard deviation: 159.38125
R^2: 0.97841
Parameters:
a = 112.91812
b = 7839.21096
c = 8.17259
d = 0.31155

Bead 111

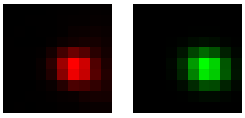
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

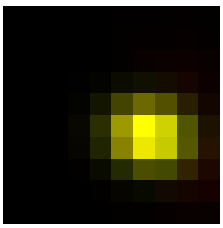
Coordinates : -38.8 um (x), 2.39 um (y), 8.35 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	272 nm	278 nm	190 nm
max	329 nm	336 nm	190 nm
z	701 nm	703 nm	642 nm
Asymmetry	0.828		
Theta	-12.5°		

XY profile & fitting parameters :

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

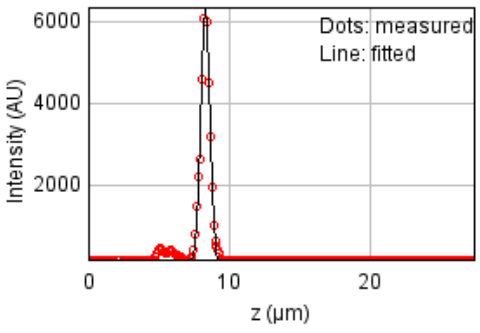




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 6907.255 (brightness)
B = 183.713 (background)
a = 0.352 px
b = -0.034 px
c = 0.496 px
xc = 6.263 px
yc = 5.414 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1958653.66
Standard deviation: 90.90853
R^2: 0.98853
Parameters:
a = 143.50984
b = 6353.95908
c = 8.35108
d = 0.29778

Bead 112

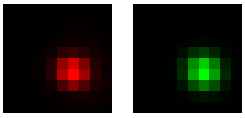
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

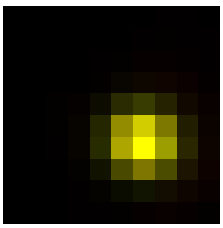
Coordinates : 22.0 um (x), -2.06 um (y), 8.45 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	276 nm	190 nm
max	289 nm	295 nm	190 nm
z	626 nm	627 nm	642 nm
Asymmetry	0.937		
Theta	-23.7°		

XY profile & fitting parameters :

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

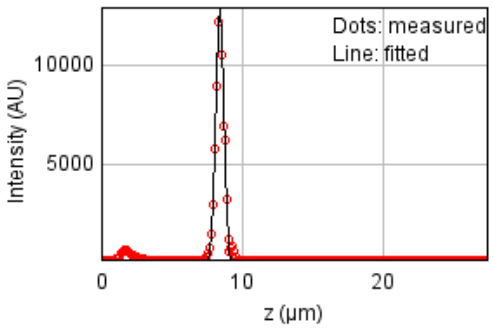




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.995

Parameters:
A = 14685.090 (brightness)
B = 248.719 (background)
a = 0.458 px
b = -0.023 px
c = 0.500 px
xc = 5.959 px
yc = 5.720 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 10221531.5
Standard deviation: 207.67481
R^2: 0.98421
Parameters:
a = 161.10347
b = 12908.7784
c = 8.45212
d = 0.26563

Bead 113

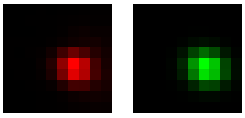
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

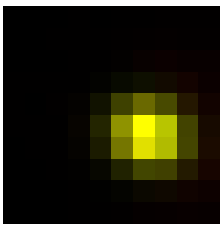
Coordinates : -21.4 um (x), -10.6 um (y), 8.55 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	266 nm	272 nm	190 nm
max	307 nm	314 nm	190 nm
z	630 nm	631 nm	642 nm
Asymmetry	0.865		
Theta	-19.3°		

XY profile & fitting parameters :

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

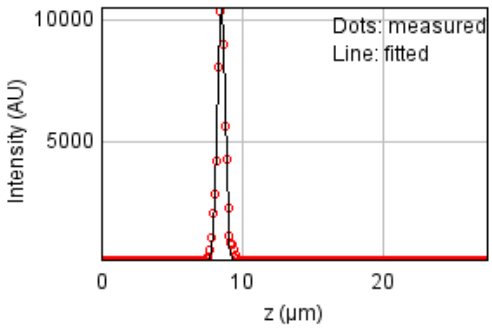




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 11342.717 (brightness)
B = 235.124 (background)
a = 0.409 px
b = -0.041 px
c = 0.513 px
xc = 6.220 px
yc = 5.388 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4326933.28
Standard deviation: 135.11885
R^2: 0.99007
Parameters:
a = 127.62750
b = 10582.8737
c = 8.55476
d = 0.26751

Bead 114

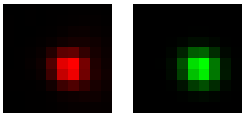
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

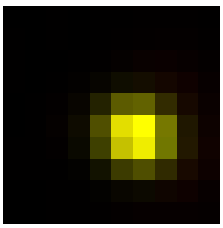
Coordinates : -3.75 um (x), -163 nm (y), 8.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	265 nm	271 nm	190 nm
max	293 nm	299 nm	190 nm
z	622 nm	623 nm	642 nm
Asymmetry	0.906		
Theta	-21.8°		

XY profile & fitting parameters :

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

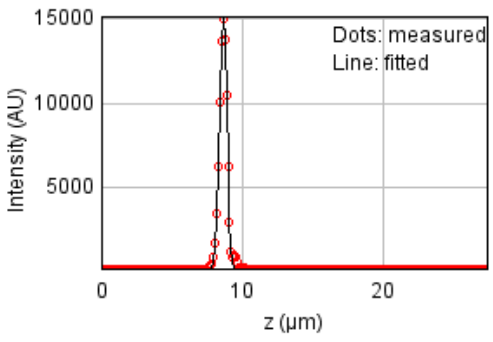




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 16989.886 (brightness)
B = 314.090 (background)
a = 0.448 px
b = -0.033 px
c = 0.517 px
xc = 5.687 px
yc = 5.406 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2205003.83
Standard deviation: 96.45628
R^2: 0.99750
Parameters:
a = 134.74624
b = 15152.7001
c = 8.69971
d = 0.26402

Bead 115

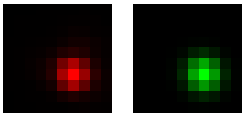
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

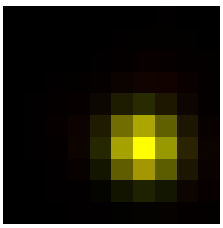
Coordinates : 40.2 um (x), -9.27 um (y), 8.74 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	283 nm	289 nm	190 nm
z	641 nm	643 nm	642 nm
Asymmetry	0.965		
Theta	-49.2°		

XY profile & fitting parameters :

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

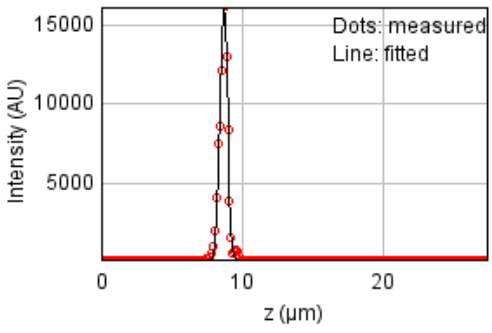




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 16867.671 (brightness)
B = 316.224 (background)
a = 0.485 px
b = -0.017 px
c = 0.480 px
xc = 5.967 px
yc = 5.946 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 13314009.9
Standard deviation: 237.01742
R^2: 0.98741
Parameters:
a = 130.14437
b = 16252.3056
c = 8.73620
d = 0.27234

Bead 116

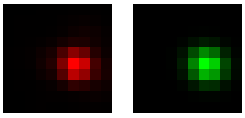
Date : Thu Jul 14 17:33:28 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

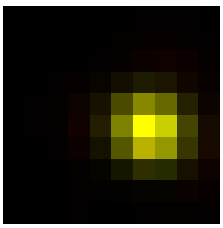
Coordinates : 33.6 um (x), 19.0 um (y), 8.88 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	295 nm	301 nm	190 nm
z	643 nm	645 nm	642 nm
Asymmetry	0.92		
Theta	-22.5°		

XY profile & fitting parameters :

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

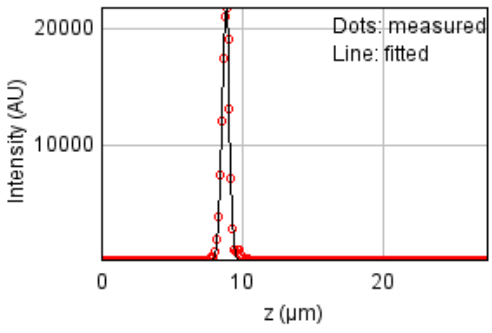




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 22011.247 (brightness)
B = 393.633 (background)
a = 0.441 px
b = -0.027 px
c = 0.496 px
xc = 6.267 px
yc = 5.150 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 5964545.42
Standard deviation: 158.64066
R^2: 0.99696
Parameters:
a = 132.17894
b = 22185.8049
c = 8.88045
d = 0.27320

Bead 117

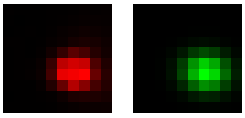
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

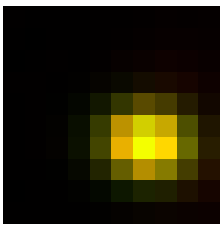
Coordinates : -46.3 um (x), -13.7 um (y), 8.71 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	304 nm	310 nm	190 nm
max	369 nm	377 nm	190 nm
z	797 nm	798 nm	642 nm
Asymmetry	0.824		
Theta	-6.7°		

XY profile & fitting parameters :

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

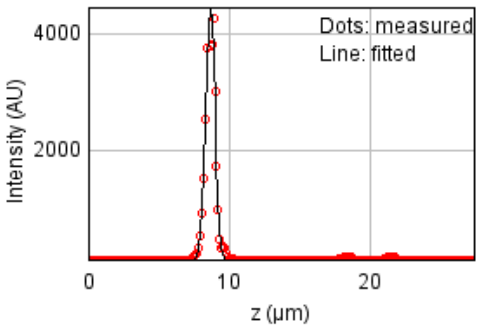




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 4347.538 (brightness)
B = 142.216 (background)
a = 0.276 px
b = -0.015 px
c = 0.403 px
xc = 6.169 px
yc = 5.773 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1672730.81
Standard deviation: 84.01152
R^2: 0.98213
Parameters:
a = 122.85900
b = 4434.57496
c = 8.71412
d = 0.33833

Bead 118

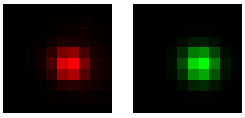
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

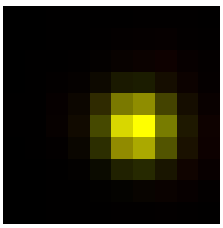
Coordinates : 22.4 um (x), -10.1 um (y), 9.35 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	288 nm	294 nm	190 nm
z	629 nm	630 nm	642 nm
Asymmetry	0.941		
Theta	-11.0°		

XY profile & fitting parameters :

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

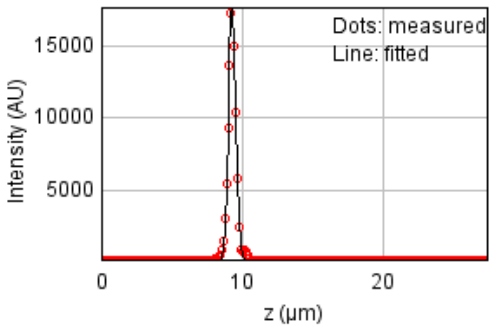




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.995

Parameters:
A = 18419.588 (brightness)
B = 349.305 (background)
a = 0.451 px
b = -0.011 px
c = 0.505 px
xc = 5.696 px
yc = 5.083 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3203402.46
Standard deviation: 116.26034
R^2: 0.99744
Parameters:
a = 132.97163
b = 17921.1458
c = 9.34888
d = 0.26697

Bead 119

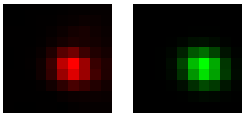
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

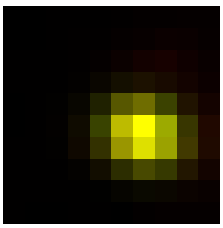
Coordinates : -50.5 um (x), 23.3 um (y), 9.35 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	327 nm	334 nm	190 nm
z	702 nm	704 nm	642 nm
Asymmetry	0.829		
Theta	-16.3°		

XY profile & fitting parameters :

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

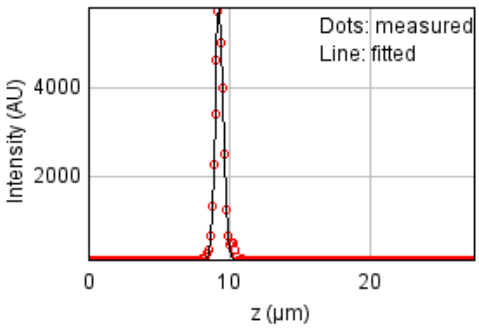




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 5959.932 (brightness)
B = 209.276 (background)
a = 0.362 px
b = -0.043 px
c = 0.496 px
xc = 5.974 px
yc = 5.362 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 522906.999
Standard deviation: 46.97189
R^2: 0.99641
Parameters:
a = 116.28127
b = 5867.42447
c = 9.35430
d = 0.29830

Bead 120

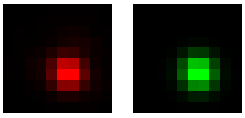
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

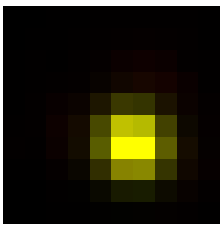
Coordinates : 42.4 um (x), 15.3 um (y), 9.55 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	275 nm	190 nm
max	283 nm	289 nm	190 nm
z	692 nm	693 nm	642 nm
Asymmetry	0.953		
Theta	-62.6°		

XY profile & fitting parameters :

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

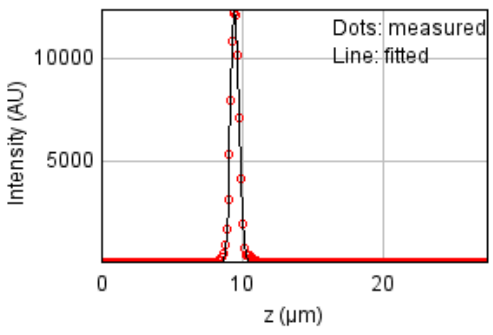




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 13601.759 (brightness)
B = 314.357 (background)
a = 0.504 px
b = -0.019 px
c = 0.477 px
xc = 5.494 px
yc = 5.816 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1304949.60
Standard deviation: 74.20321
R^2: 0.99803
Parameters:
a = 130.64724
b = 12490.5502
c = 9.54632
d = 0.29384

Bead 121

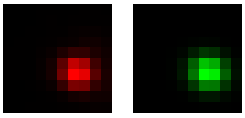
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

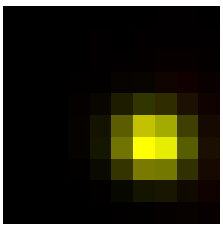
Coordinates : -7.03 um (x), 2.81 um (y), 9.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	268 nm	274 nm	190 nm
max	297 nm	303 nm	190 nm
z	697 nm	698 nm	642 nm
Asymmetry	0.904		
Theta	-17.1°		

XY profile & fitting parameters :

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

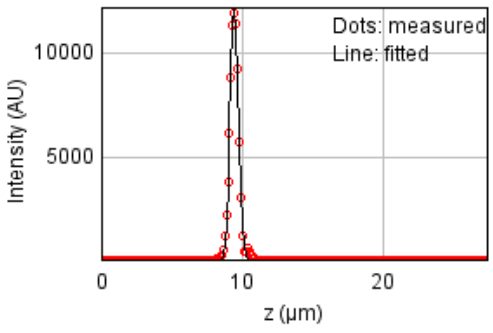




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 12600.131 (brightness)
B = 231.959 (background)
a = 0.432 px
b = -0.027 px
c = 0.510 px
xc = 6.399 px
yc = 5.791 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1997831.30
Standard deviation: 91.81322
R^2: 0.99684
Parameters:
a = 123.56433
b = 12164.3468
c = 9.50390
d = 0.29597

Bead 122

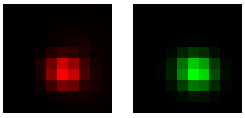
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

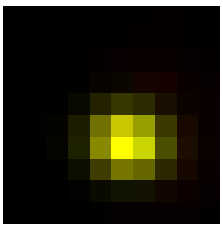
Coordinates : -35.5 um (x), -436 nm (y), 9.42 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	275 nm	190 nm
max	306 nm	313 nm	190 nm
z	718 nm	720 nm	642 nm
Asymmetry	0.879		
Theta	-12.6°		

XY profile & fitting parameters :

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

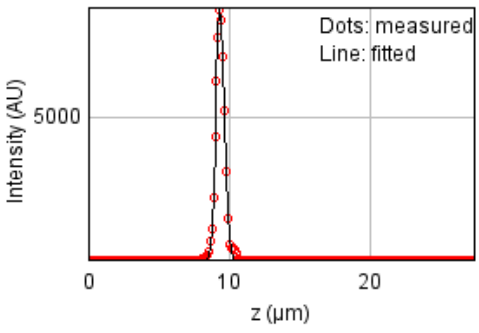




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 8800.215 (brightness)
B = 233.360 (background)
a = 0.403 px
b = -0.025 px
c = 0.509 px
xc = 5.256 px
yc = 5.755 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 675543.668
Standard deviation: 53.38909
R^2: 0.99798
Parameters:
a = 117.94891
b = 8760.84082
c = 9.42232
d = 0.30501

Bead 123

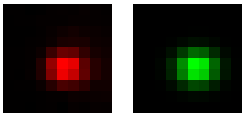
Date : Thu Jul 14 17:33:29 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

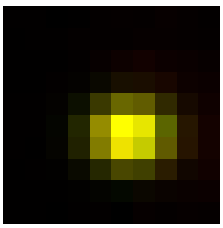
Coordinates : -50.3 um (x), -14.8 um (y), 9.18 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	275 nm	190 nm
max	325 nm	331 nm	190 nm
z	749 nm	751 nm	642 nm
Asymmetry	0.829		
Theta	-0.4°		

XY profile & fitting parameters :

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

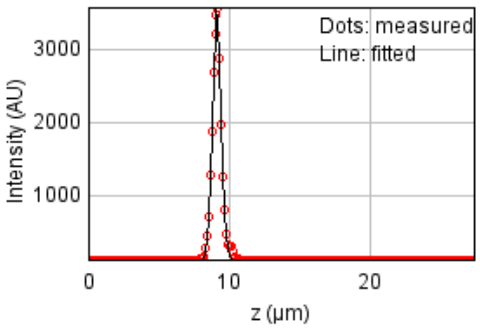




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 3749.891 (brightness)
B = 158.892 (background)
a = 0.354 px
b = -0.001 px
c = 0.516 px
xc = 5.348 px
yc = 5.380 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 174899.626
Standard deviation: 27.16566
R^2: 0.99686
Parameters:
a = 112.67451
b = 3563.44079
c = 9.17660
d = 0.31806

Bead 124

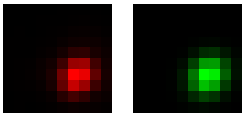
Date : Thu Jul 14 17:33:30 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

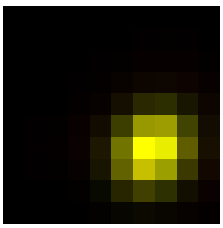
Coordinates : 26.7 um (x), 13.4 um (y), 9.64 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	321 nm	328 nm	190 nm
z	592 nm	594 nm	642 nm
Asymmetry	0.874		
Theta	51.1°		

XY profile & fitting parameters :

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

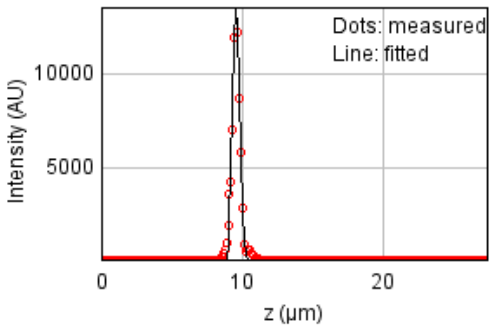




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.997

Parameters:
A = 15336.927 (brightness)
B = 278.481 (background)
a = 0.428 px
b = 0.054 px
c = 0.405 px
xc = 6.397 px
yc = 6.094 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 9075020.07
Standard deviation: 195.68143
R^2: 0.98664
Parameters:
a = 140.22589
b = 13564.1000
c = 9.64256
d = 0.25155

Bead 125

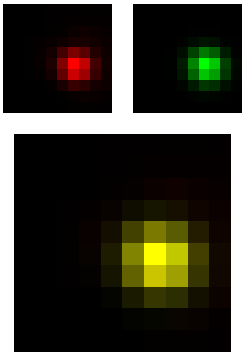
Date : Thu Jul 14 17:33:30 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -1.36 um (x), -9.77 um (y), 9.77 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	276 nm	190 nm
max	288 nm	294 nm	190 nm
z	679 nm	680 nm	642 nm
Asymmetry	0.937		
Theta	-16.9°		

XY profile & fitting parameters :

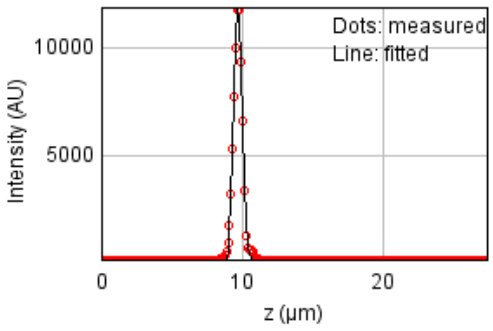
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.995

Parameters:
A = 12109.198 (brightness)
B = 238.461 (background)
a = 0.454 px
b = -0.017 px
c = 0.506 px
xc = 6.239 px
yc = 5.247 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2374557.59
Standard deviation: 100.09611
R^2: 0.99596
Parameters:
a = 125.73883
b = 11872.4645
c = 9.76912
d = 0.28835

Bead 126

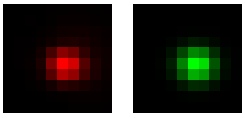
Date : Thu Jul 14 17:33:30 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

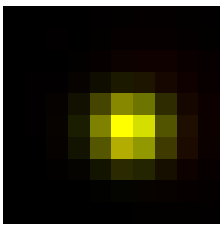
Coordinates : -37.7 um (x), -23.0 um (y), 9.95 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	274 nm	190 nm
max	301 nm	307 nm	190 nm
z	738 nm	739 nm	642 nm
Asymmetry	0.893		
Theta	-4.3°		

XY profile & fitting parameters :

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

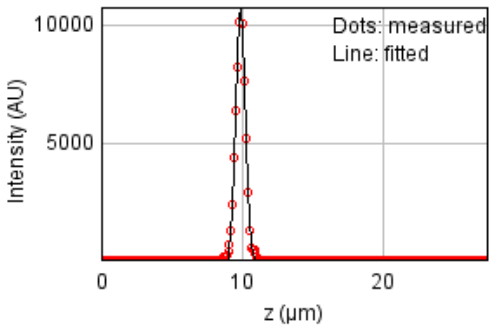




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 10895.207 (brightness)
B = 289.240 (background)
a = 0.412 px
b = -0.008 px
c = 0.516 px
xc = 5.330 px
yc = 5.123 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1339659.61
Standard deviation: 75.18359
R^2: 0.99742
Parameters:
a = 124.75421
b = 10738.2279
c = 9.94761
d = 0.31332

Bead 127

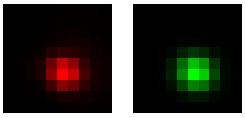
Date : Thu Jul 14 17:33:30 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

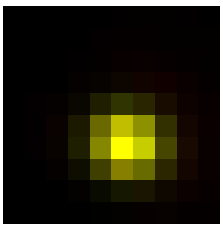
Coordinates : -23.1 um (x), 3.62 um (y), 10.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	298 nm	304 nm	190 nm
z	715 nm	717 nm	642 nm
Asymmetry	0.91		
Theta	-17.5°		

XY profile & fitting parameters :

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

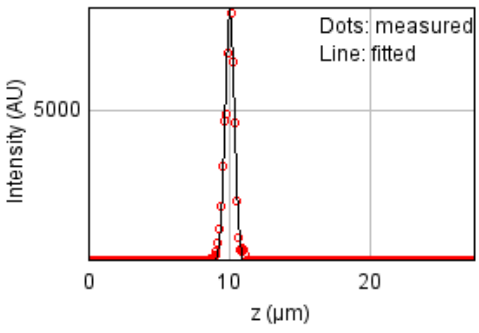




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 9212.321 (brightness)
B = 237.422 (background)
a = 0.429 px
b = -0.025 px
c = 0.501 px
xc = 5.233 px
yc = 5.812 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 5636685.26
Standard deviation: 154.21894
R^2: 0.98176
Parameters:
a = 129.55114
b = 8377.82659
c = 10.09865
d = 0.30362

Bead 128

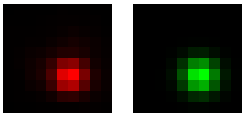
Date : Thu Jul 14 17:33:30 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

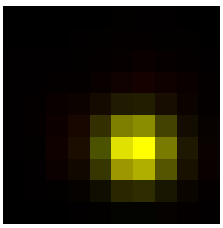
Coordinates : 48.3 um (x), -360 nm (y), 10.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	293 nm	300 nm	190 nm
z	697 nm	698 nm	642 nm
Asymmetry	0.941		
Theta	-9.8°		

XY profile & fitting parameters :

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

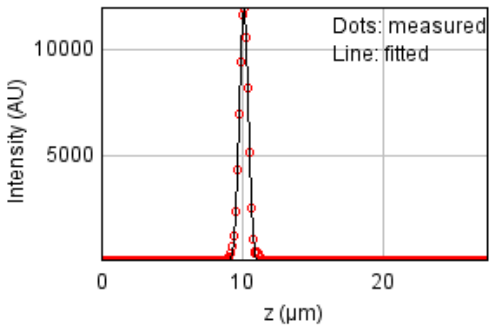




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 12247.745 (brightness)
B = 328.961 (background)
a = 0.435 px
b = -0.009 px
c = 0.488 px
xc = 5.649 px
yc = 6.105 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1013454.95
Standard deviation: 65.39252
R^2: 0.99837
Parameters:
a = 126.93942
b = 12059.6673
c = 10.16947
d = 0.29580

Bead 129

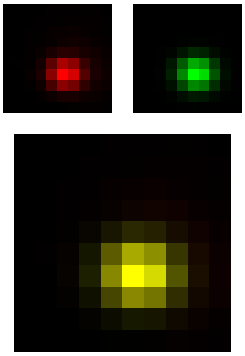
Date : Thu Jul 14 17:33:30 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -40.0 um (x), -23.8 um (y), 10.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	267 nm	272 nm	190 nm
max	305 nm	312 nm	190 nm
z	737 nm	739 nm	642 nm
Asymmetry	0.873		
Theta	-2.9°		

XY profile & fitting parameters :

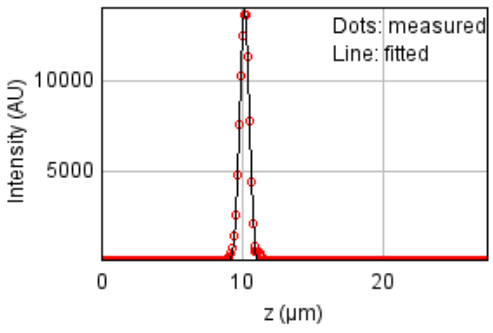
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 13844.782 (brightness)
B = 312.615 (background)
a = 0.400 px
b = -0.006 px
c = 0.524 px
xc = 5.302 px
yc = 5.892 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2748580.41
Standard deviation: 107.69116
R^2: 0.99693
Parameters:
a = 128.85135
b = 14078.1455
c = 10.21396
d = 0.31315

Bead 130

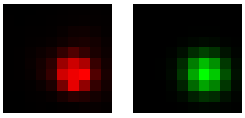
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

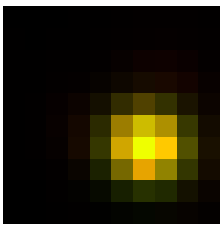
Coordinates : 17.8 um (x), 18.7 um (y), 10.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	314 nm	320 nm	190 nm
max	334 nm	341 nm	190 nm
z	796 nm	798 nm	642 nm
Asymmetry	0.94		
Theta	-15.6°		

XY profile & fitting parameters :

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

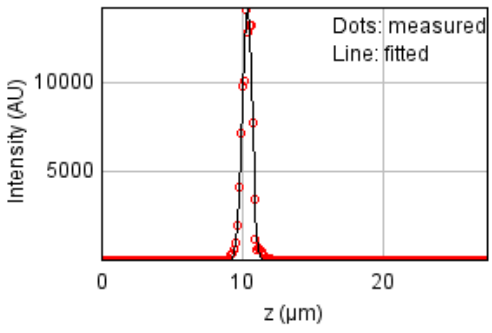




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 15279.180 (brightness)
B = 276.447 (background)
a = 0.338 px
b = -0.011 px
c = 0.376 px
xc = 6.137 px
yc = 5.911 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 18971546.2
Standard deviation: 282.92882
R^2: 0.98098
Parameters:
a = 117.59575
b = 14189.3957
c = 10.40932
d = 0.33804

Bead 131

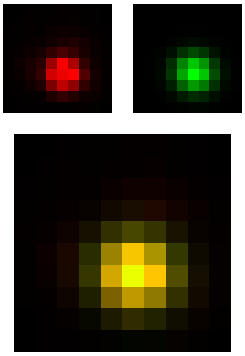
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 40.0 um (x), 7.56 um (y), 10.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	310 nm	316 nm	190 nm
max	329 nm	336 nm	190 nm
z	791 nm	792 nm	642 nm
Asymmetry	0.94		
Theta	-15.6°		

XY profile & fitting parameters :

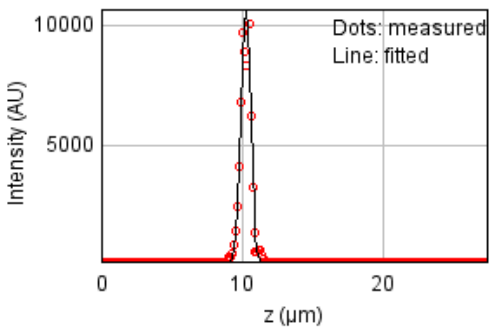
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 10158.466 (brightness)
B = 254.912 (background)
a = 0.347 px
b = -0.012 px
c = 0.385 px
xc = 5.117 px
yc = 5.840 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 16404888.4
Standard deviation: 263.09492
R^2: 0.97092
Parameters:
a = 118.09437
b = 10682.4036
c = 10.31783
d = 0.33570

Bead 132

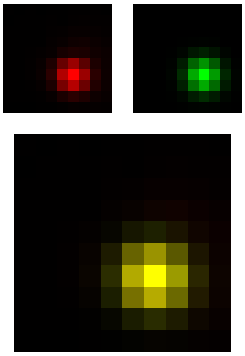
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -18.9 um (x), 6.37 um (y), 10.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	287 nm	293 nm	190 nm
z	696 nm	698 nm	642 nm
Asymmetry	0.97		
Theta	-12.7°		

XY profile & fitting parameters :

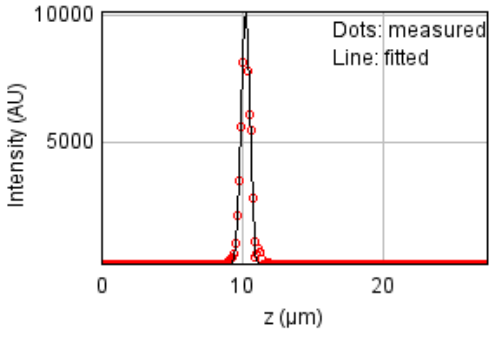
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 11049.422 (brightness)
B = 233.163 (background)
a = 0.455 px
b = -0.006 px
c = 0.481 px
xc = 5.951 px
yc = 6.079 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 5085581.26
Standard deviation: 146.48600
R^2: 0.98871
Parameters:
a = 127.51800
b = 10248.3371
c = 10.28698
d = 0.29574

Bead 133

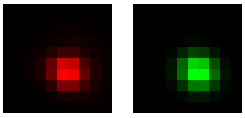
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

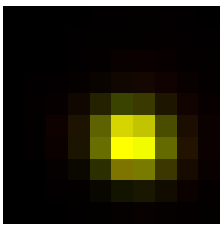
Coordinates : 4.0 um (x), 22.3 um (y), 10.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	301 nm	308 nm	190 nm
z	755 nm	756 nm	642 nm
Asymmetry	0.906		
Theta	-24.8°		

XY profile & fitting parameters :

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

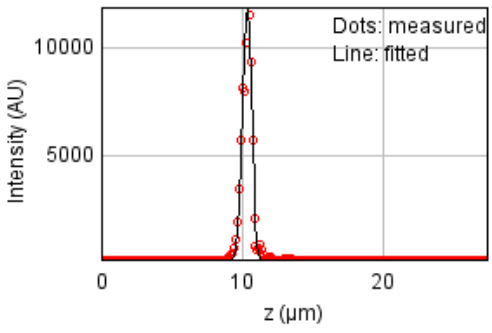




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 14076.085 (brightness)
B = 316.132 (background)
a = 0.427 px
b = -0.034 px
c = 0.485 px
xc = 5.460 px
yc = 5.724 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 14973294.4
Standard deviation: 251.35325
R^2: 0.97749
Parameters:
a = 132.31265
b = 11899.9442
c = 10.40263
d = 0.32045

Bead 134

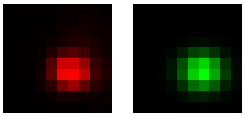
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

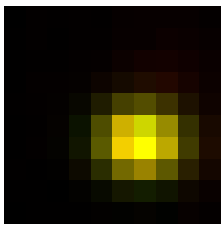
Coordinates : -54.8 um (x), 2.12 um (y), 10.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	296 nm	303 nm	190 nm
max	345 nm	352 nm	190 nm
z	864 nm	866 nm	642 nm
Asymmetry	0.86		
Theta	-3.8°		

XY profile & fitting parameters :

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

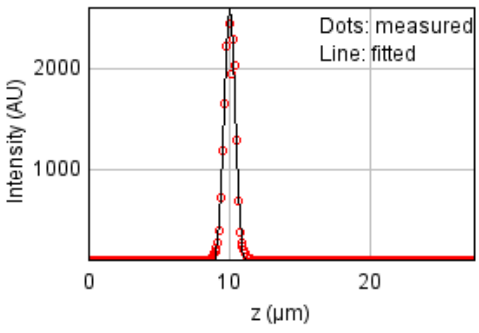




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 2561.537 (brightness)
B = 143.358 (background)
a = 0.314 px
b = -0.007 px
c = 0.424 px
xc = 5.828 px
yc = 5.709 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 649288.323
Standard deviation: 52.34131
R^2: 0.98076
Parameters:
a = 108.02598
b = 2596.87611
c = 10.09430
d = 0.36691

Bead 135

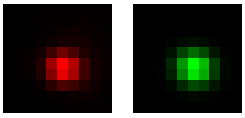
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

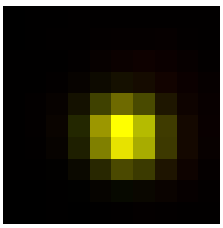
Coordinates : -25.6 um (x), 536 nm (y), 10.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	300 nm	306 nm	190 nm
z	762 nm	763 nm	642 nm
Asymmetry	0.903		
Theta	-13.7°		

XY profile & fitting parameters :

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

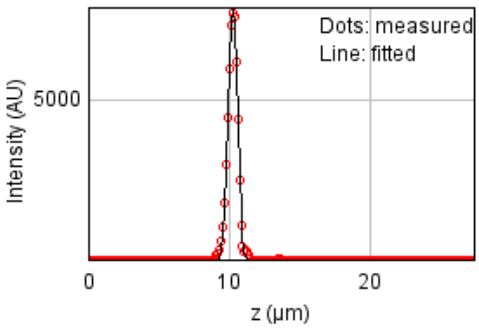




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 8829.267 (brightness)
B = 231.936 (background)
a = 0.420 px
b = -0.022 px
c = 0.503 px
xc = 5.147 px
yc = 5.382 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1005050.47
Standard deviation: 65.12081
R^2: 0.99639
Parameters:
a = 125.24500
b = 7773.57981
c = 10.31599
d = 0.32347

Bead 136

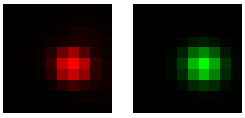
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

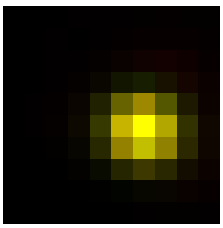
Coordinates : -14.2 um (x), 17.5 um (y), 10.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	311 nm	317 nm	190 nm
z	724 nm	725 nm	642 nm
Asymmetry	0.909		
Theta	-13.2°		

XY profile & fitting parameters :

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

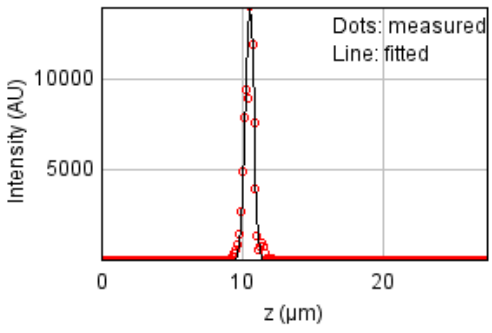




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 14527.994 (brightness)
B = 269.342 (background)
a = 0.391 px
b = -0.018 px
c = 0.463 px
xc = 5.961 px
yc = 5.179 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 30376981.5
Standard deviation: 358.01245
R^2: 0.96557
Parameters:
a = 134.94775
b = 13878.3196
c = 10.58129
d = 0.30732

Bead 137

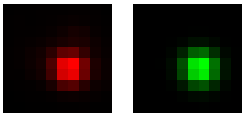
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

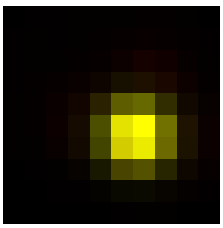
Coordinates : 36.8 um (x), -11.3 um (y), 10.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	283 nm	289 nm	190 nm
z	685 nm	687 nm	642 nm
Asymmetry	0.972		
Theta	-22.1°		

XY profile & fitting parameters :

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

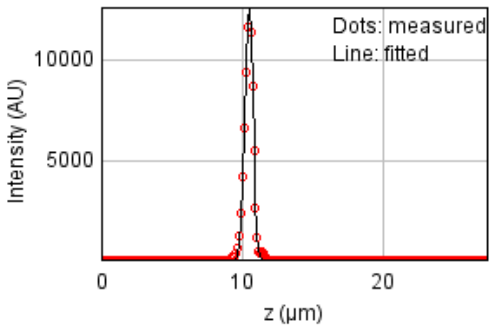




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 14577.358 (brightness)
B = 347.196 (background)
a = 0.471 px
b = -0.010 px
c = 0.490 px
xc = 5.638 px
yc = 5.404 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1814685.54
Standard deviation: 87.50372
R^2: 0.99728
Parameters:
a = 127.15567
b = 12597.7480
c = 10.53248
d = 0.29090

Bead 138

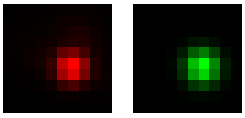
Date : Thu Jul 14 17:33:31 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

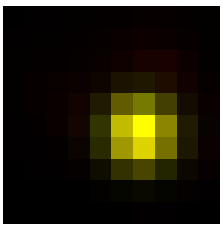
Coordinates : 53.8 um (x), -15.2 um (y), 10.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	284 nm	291 nm	190 nm
z	824 nm	826 nm	642 nm
Asymmetry	0.977		
Theta	-63.5°		

XY profile & fitting parameters :

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

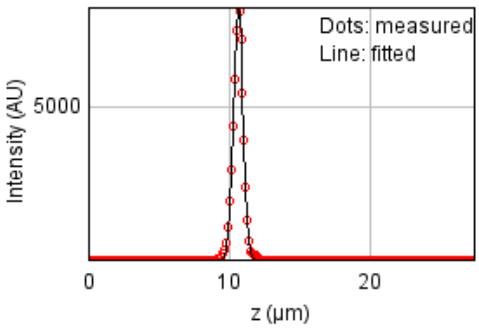




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 9930.300 (brightness)
B = 299.163 (background)
a = 0.478 px
b = -0.009 px
c = 0.465 px
xc = 5.829 px
yc = 5.290 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 416150.197
Standard deviation: 41.90356
R^2: 0.99876
Parameters:
a = 116.68153
b = 8200.92242
c = 10.70975
d = 0.35009

Bead 139

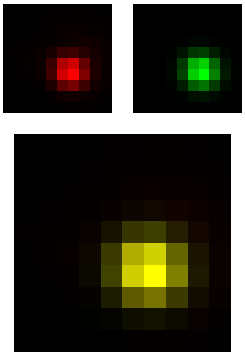
Date : Thu Jul 14 17:33:32 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -2.82 um (x), -23.6 um (y), 10.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	286 nm	292 nm	190 nm
z	701 nm	702 nm	642 nm
Asymmetry	0.949		
Theta	-15.7°		

XY profile & fitting parameters :

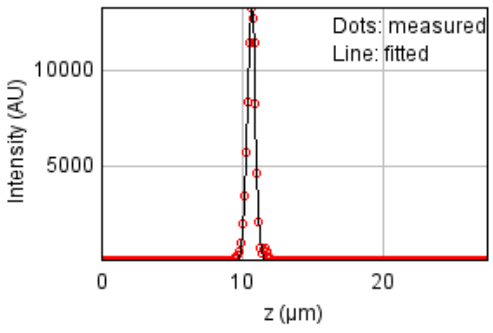
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.996

Parameters:
A = 14015.108 (brightness)
B = 278.397 (background)
a = 0.460 px
b = -0.013 px
c = 0.503 px
xc = 5.728 px
yc = 5.693 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2927819.30
Standard deviation: 111.14706
R^2: 0.99618
Parameters:
a = 128.75654
b = 13347.3579
c = 10.71417
d = 0.29760

Bead 140

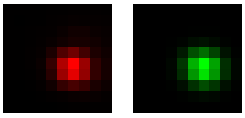
Date : Thu Jul 14 17:33:32 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

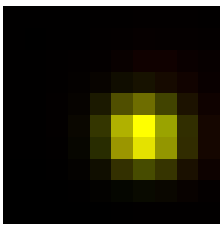
Coordinates : -33.2 um (x), 7.5 um (y), 10.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	304 nm	310 nm	190 nm
z	733 nm	735 nm	642 nm
Asymmetry	0.907		
Theta	-13.7°		

XY profile & fitting parameters :

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

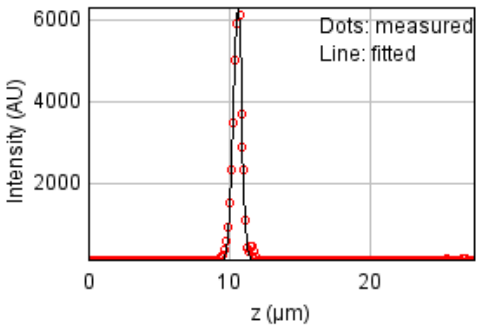




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 7643.269 (brightness)
B = 206.642 (background)
a = 0.410 px
b = -0.020 px
c = 0.487 px
xc = 5.968 px
yc = 5.373 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1752129.08
Standard deviation: 85.98226
R^2: 0.99003
Parameters:
a = 124.02742
b = 6298.55275
c = 10.64543
d = 0.31124

Bead 141

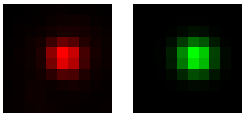
Date : Thu Jul 14 17:33:32 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

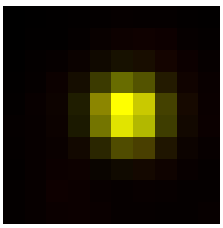
Coordinates : -3.68 um (x), -1.44 um (y), 11.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	291 nm	297 nm	190 nm
z	705 nm	706 nm	642 nm
Asymmetry	0.945		
Theta	-13.8°		

XY profile & fitting parameters :

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

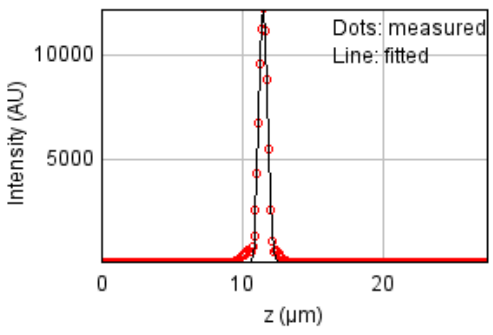




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 12675.020 (brightness)
B = 518.682 (background)
a = 0.443 px
b = -0.012 px
c = 0.490 px
xc = 5.239 px
yc = 4.390 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3792616.67
Standard deviation: 126.50139
R^2: 0.99407
Parameters:
a = 143.21289
b = 12171.5275
c = 11.57203
d = 0.29932

Bead 142

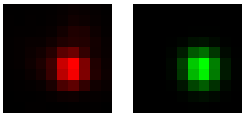
Date : Thu Jul 14 17:33:32 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

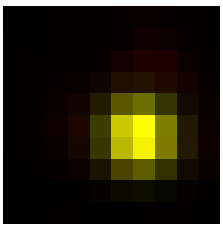
Coordinates : 58.4 um (x), 15.1 um (y), 11.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	290 nm	296 nm	190 nm
z	834 nm	836 nm	642 nm
Asymmetry	0.963		
Theta	-59.4°		

XY profile & fitting parameters :

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

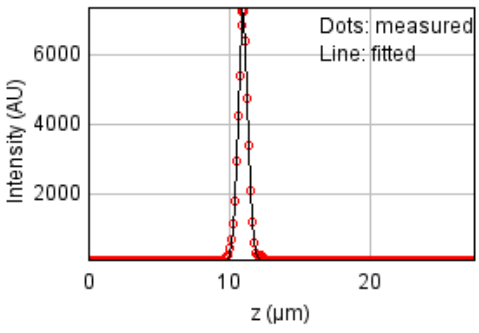




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 8133.468 (brightness)
B = 287.943 (background)
a = 0.470 px
b = -0.015 px
c = 0.453 px
xc = 5.769 px
yc = 5.426 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 363905.766
Standard deviation: 39.18504
R^2: 0.99867
Parameters:
a = 114.63626
b = 7373.97248
c = 11.04347
d = 0.35431

Bead 143

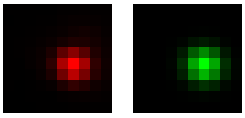
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

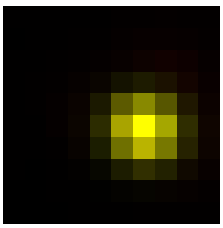
Coordinates : -10.9 um (x), 12.5 um (y), 11.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	293 nm	299 nm	190 nm
z	709 nm	710 nm	642 nm
Asymmetry	0.936		
Theta	-14.4°		

XY profile & fitting parameters :

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

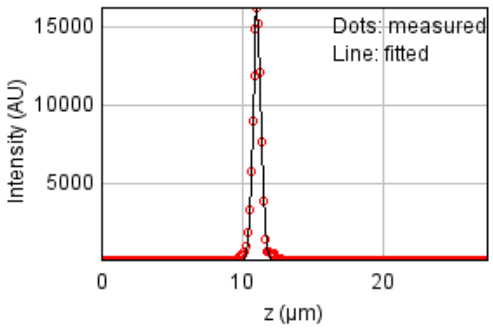




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 16054.705 (brightness)
B = 322.398 (background)
a = 0.438 px
b = -0.015 px
c = 0.491 px
xc = 6.014 px
yc = 5.140 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4938025.17
Standard deviation: 144.34524
R^2: 0.99571
Parameters:
a = 129.50142
b = 16227.9832
c = 11.11796
d = 0.30101

Bead 144

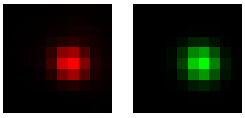
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

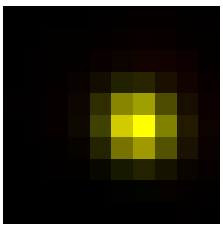
Coordinates : -5.6 um (x), 25.2 um (y), 11.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	276 nm	190 nm
max	291 nm	297 nm	190 nm
z	696 nm	698 nm	642 nm
Asymmetry	0.928		
Theta	-27.6°		

XY profile & fitting parameters :

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

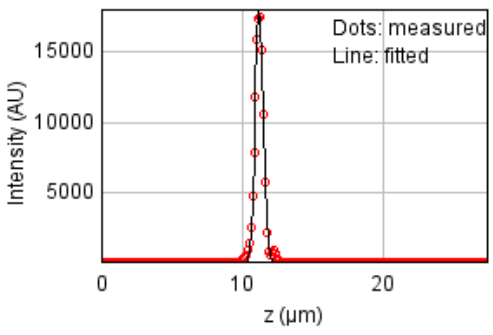




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 17660.103 (brightness)
B = 354.763 (background)
a = 0.456 px
b = -0.029 px
c = 0.497 px
xc = 5.750 px
yc = 4.967 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 6162438.11
Standard deviation: 161.25089
R^2: 0.99561
Parameters:
a = 135.26988
b = 18060.7614
c = 11.28285
d = 0.29573

Bead 145

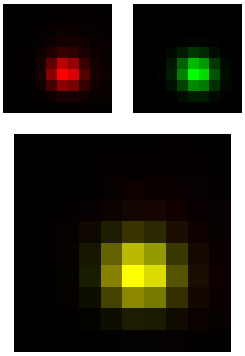
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -36.5 um (x), 14.9 um (y), 11.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	302 nm	308 nm	190 nm
z	749 nm	751 nm	642 nm
Asymmetry	0.922		
Theta	-15.7°		

XY profile & fitting parameters :

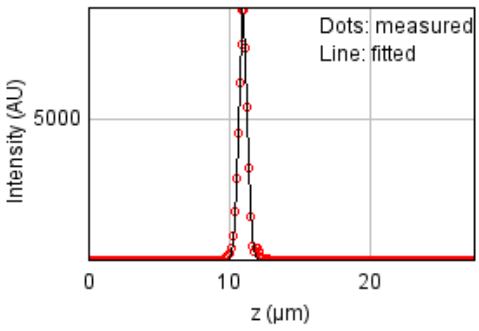
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 8918.833 (brightness)
B = 239.729 (background)
a = 0.415 px
b = -0.019 px
c = 0.477 px
xc = 5.312 px
yc = 5.847 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1365897.68
Standard deviation: 75.91628
R^2: 0.99616
Parameters:
a = 119.64686
b = 8833.93460
c = 11.04460
d = 0.31824

Bead 146

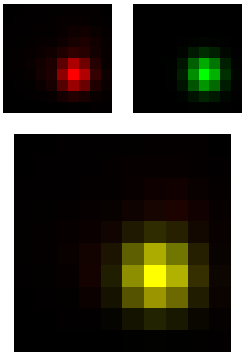
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 51.5 um (x), 3.6 um (y), 11.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	282 nm	288 nm	190 nm
z	691 nm	692 nm	642 nm
Asymmetry	0.989		
Theta	-75.5°		

XY profile & fitting parameters :

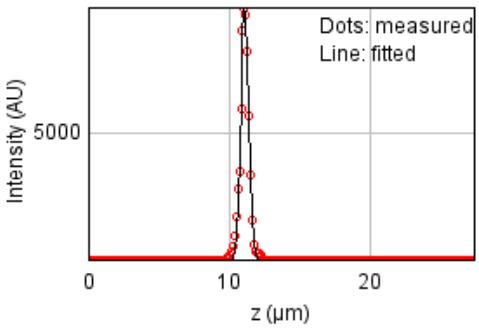
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 9507.181 (brightness)
B = 305.929 (background)
a = 0.478 px
b = -0.003 px
c = 0.469 px
xc = 6.118 px
yc = 5.932 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2604450.15
Standard deviation: 104.82958
R^2: 0.99368
Parameters:
a = 122.68285
b = 9865.27076
c = 11.17517
d = 0.29330

Bead 147

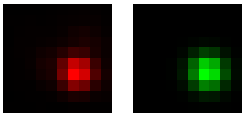
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

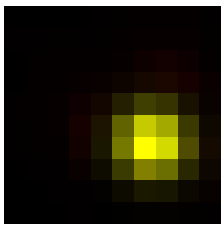
Coordinates : 42.5 um (x), 9.66 um (y), 11.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	289 nm	295 nm	190 nm
z	721 nm	723 nm	642 nm
Asymmetry	0.971		
Theta	-26.4°		

XY profile & fitting parameters :

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

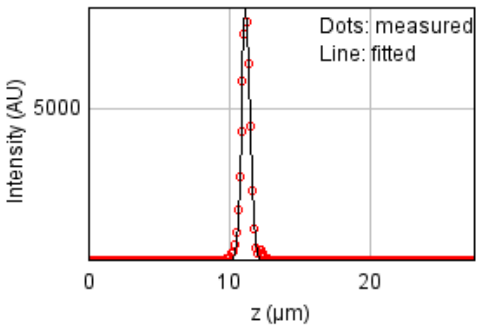




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 8584.957 (brightness)
B = 269.645 (background)
a = 0.453 px
b = -0.011 px
c = 0.469 px
xc = 6.318 px
yc = 5.756 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1290738.61
Standard deviation: 73.79807
R^2: 0.99570
Parameters:
a = 121.86713
b = 8272.80294
c = 11.25262
d = 0.30635

Bead 148

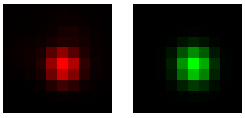
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

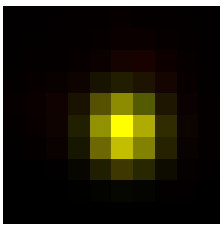
Coordinates : 34.1 um (x), -7.68 um (y), 11.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	288 nm	294 nm	190 nm
z	722 nm	723 nm	642 nm
Asymmetry	0.959		
Theta	-67.3°		

XY profile & fitting parameters :

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

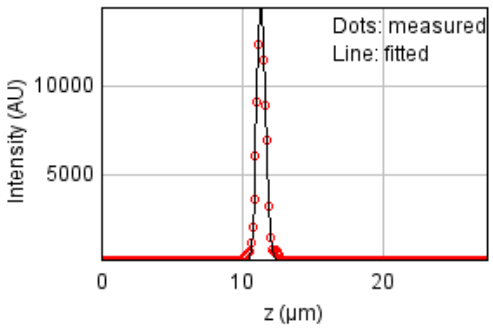




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 14601.604 (brightness)
B = 386.474 (background)
a = 0.483 px
b = -0.014 px
c = 0.455 px
xc = 5.090 px
yc = 5.173 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4399580.16
Standard deviation: 136.24841
R^2: 0.99539
Parameters:
a = 128.97276
b = 14657.5687
c = 11.42261
d = 0.30647

Bead 149

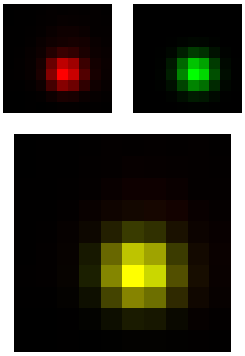
Date : Thu Jul 14 17:33:33 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -44.4 um (x), 19.2 um (y), 11.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	301 nm	307 nm	190 nm
z	748 nm	750 nm	642 nm
Asymmetry	0.939		
Theta	-5.1°		

XY profile & fitting parameters :

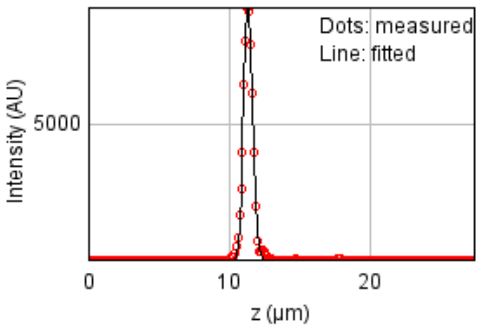
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 9171.000 (brightness)
B = 249.464 (background)
a = 0.412 px
b = -0.005 px
c = 0.467 px
xc = 5.284 px
yc = 5.790 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1214062.43
Standard deviation: 71.57252
R^2: 0.99687
Parameters:
a = 130.26044
b = 9238.27464
c = 11.41420
d = 0.31780

Bead 150

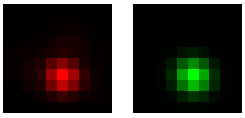
Date : Thu Jul 14 17:33:34 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

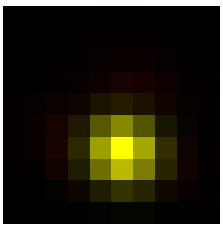
Coordinates : 43.7 um (x), 15.1 um (y), 11.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	292 nm	298 nm	190 nm
z	678 nm	679 nm	642 nm
Asymmetry	0.943		
Theta	-25.2°		

XY profile & fitting parameters :

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

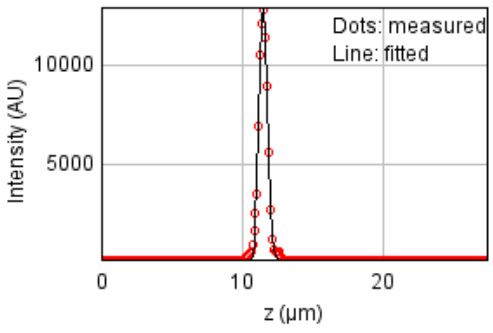




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 12404.797 (brightness)
B = 383.138 (background)
a = 0.447 px
b = -0.021 px
c = 0.481 px
xc = 5.028 px
yc = 6.162 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3006194.82
Standard deviation: 112.62489
R^2: 0.99569
Parameters:
a = 135.08016
b = 12943.9744
c = 11.57070
d = 0.28782

Bead 151

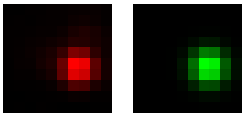
Date : Thu Jul 14 17:33:34 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

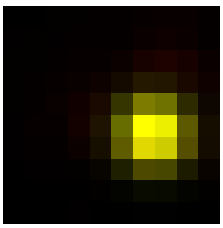
Coordinates : 49.7 um (x), 12.3 um (y), 11.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	291 nm	190 nm
max	288 nm	294 nm	190 nm
z	703 nm	704 nm	642 nm
Asymmetry	0.987		
Theta	-65.0°		

XY profile & fitting parameters :

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

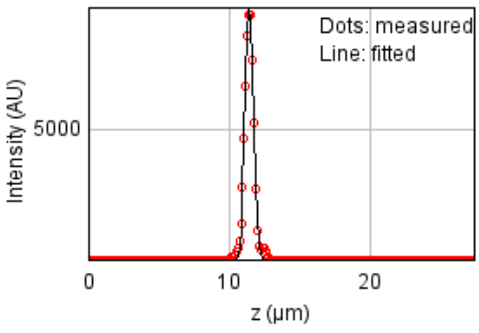




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 10283.275 (brightness)
B = 311.149 (background)
a = 0.459 px
b = -0.005 px
c = 0.451 px
xc = 6.430 px
yc = 5.318 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1603056.41
Standard deviation: 82.24324
R^2: 0.99594
Parameters:
a = 122.48160
b = 9596.28310
c = 11.49919
d = 0.29842

Bead 152

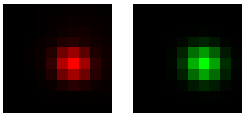
Date : Thu Jul 14 17:33:34 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

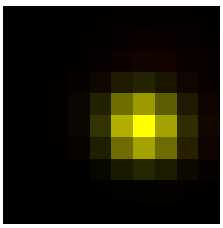
Coordinates : -34.7 um (x), 23.9 um (y), 11.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	302 nm	309 nm	190 nm
z	719 nm	721 nm	642 nm
Asymmetry	0.914		
Theta	-15.8°		

XY profile & fitting parameters :

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

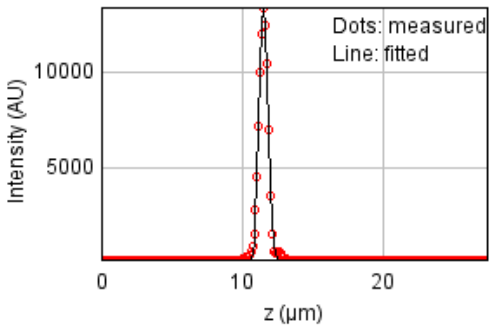




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.994

Parameters:
A = 13131.075 (brightness)
B = 282.082 (background)
a = 0.415 px
b = -0.021 px
c = 0.483 px
xc = 5.959 px
yc = 5.027 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3009957.23
Standard deviation: 112.69535
R^2: 0.99623
Parameters:
a = 126.21758
b = 13447.3945
c = 11.59296
d = 0.30539

Bead 153

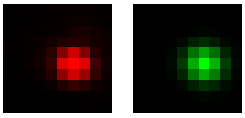
Date : Thu Jul 14 17:33:34 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

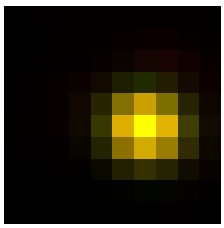
Coordinates : 1.05 um (x), 17.5 um (y), 11.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	291 nm	298 nm	190 nm
max	319 nm	326 nm	190 nm
z	844 nm	846 nm	642 nm
Asymmetry	0.912		
Theta	-11.7°		

XY profile & fitting parameters :

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

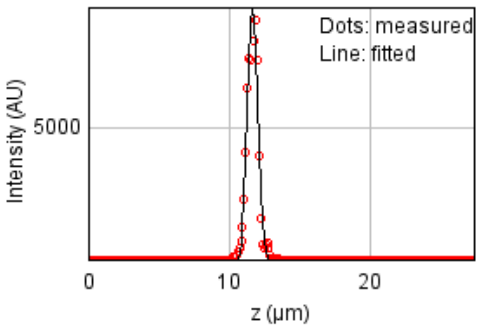




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.982

Parameters:
A = 10835.965 (brightness)
B = 242.271 (background)
a = 0.369 px
b = -0.015 px
c = 0.437 px
xc = 6.024 px
yc = 5.042 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 9613338.05
Standard deviation: 201.40161
R^2: 0.97945
Parameters:
a = 122.17480
b = 9487.98682
c = 11.72956
d = 0.35838

Bead 154

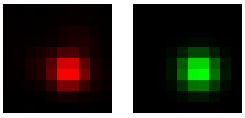
Date : Thu Jul 14 17:33:34 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

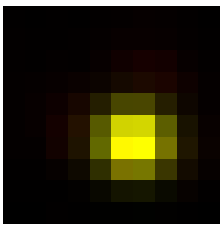
Coordinates : 46.1 um (x), 14.0 um (y), 11.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	299 nm	305 nm	190 nm
z	801 nm	802 nm	642 nm
Asymmetry	0.939		
Theta	-7.9°		

XY profile & fitting parameters :

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

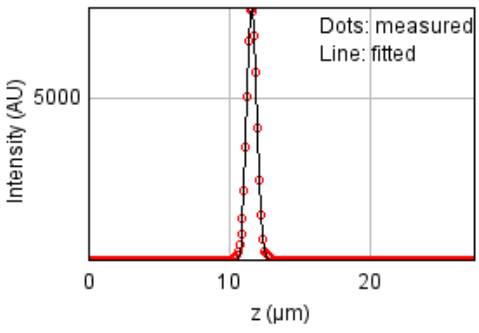




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 8513.330 (brightness)
B = 291.155 (background)
a = 0.418 px
b = -0.008 px
c = 0.472 px
xc = 5.528 px
yc = 5.683 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 375632.186
Standard deviation: 39.81138
R^2: 0.99872
Parameters:
a = 119.20391
b = 7798.11220
c = 11.67492
d = 0.34004

Bead 155

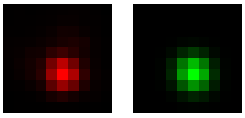
Date : Thu Jul 14 17:33:34 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

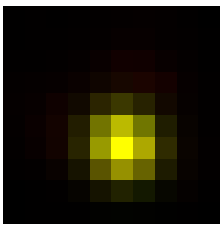
Coordinates : 46.6 um (x), 20.7 um (y), 11.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	294 nm	300 nm	190 nm
z	752 nm	754 nm	642 nm
Asymmetry	0.952		
Theta	-61.3°		

XY profile & fitting parameters :

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

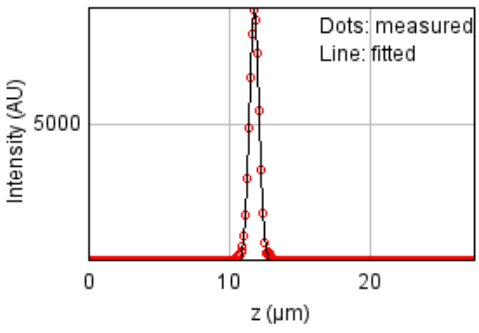




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 8936.983 (brightness)
B = 292.783 (background)
a = 0.466 px
b = -0.019 px
c = 0.442 px
xc = 5.041 px
yc = 5.862 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 727859.349
Standard deviation: 55.41784
R^2: 0.99813
Parameters:
a = 121.25821
b = 9222.67500
c = 11.84859
d = 0.31936

Bead 156

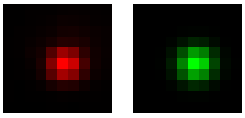
Date : Thu Jul 14 17:33:35 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

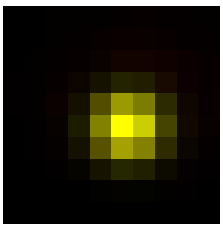
Coordinates : -42.9 um (x), -23.8 um (y), 11.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	290 nm	296 nm	190 nm
z	755 nm	756 nm	642 nm
Asymmetry	0.959		
Theta	3.1°		

XY profile & fitting parameters :

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

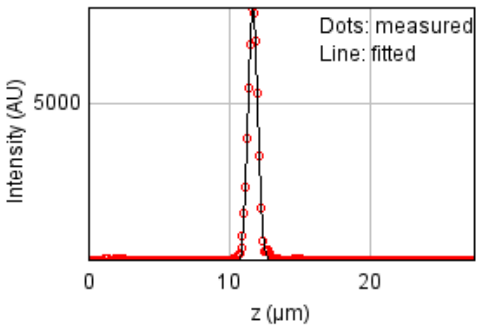




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 7917.525 (brightness)
B = 228.142 (background)
a = 0.445 px
b = 0.002 px
c = 0.484 px
xc = 5.258 px
yc = 5.021 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1078739.11
Standard deviation: 67.46586
R^2: 0.99630
Parameters:
a = 134.75540
b = 8000.51057
c = 11.75769
d = 0.32047

Bead 157

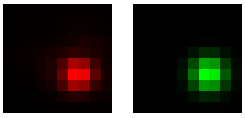
Date : Thu Jul 14 17:33:35 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

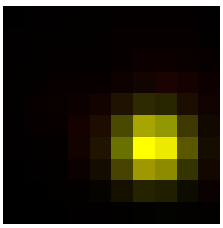
Coordinates : 46.0 um (x), -23.8 um (y), 11.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	288 nm	294 nm	190 nm
z	735 nm	737 nm	642 nm
Asymmetry	0.968		
Theta	-1.4°		

XY profile & fitting parameters :

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

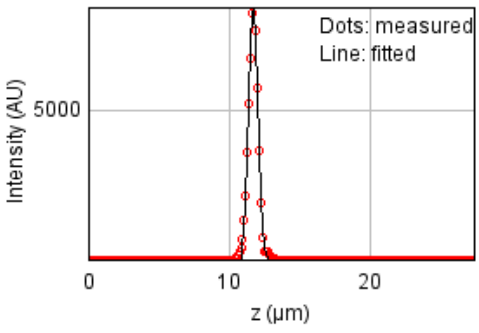




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 8780.972 (brightness)
B = 308.906 (background)
a = 0.451 px
b = -0.001 px
c = 0.481 px
xc = 6.401 px
yc = 5.957 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1238183.26
Standard deviation: 72.28002
R^2: 0.99611
Parameters:
a = 121.00773
b = 8440.68649
c = 11.78140
d = 0.31232

Bead 158

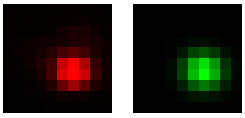
Date : Thu Jul 14 17:33:35 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

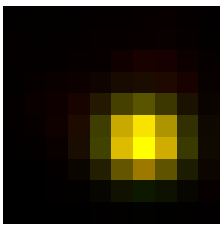
Coordinates : 47.6 um (x), -25.0 um (y), 12.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	298 nm	190 nm
max	325 nm	332 nm	190 nm
z	929 nm	931 nm	642 nm
Asymmetry	0.899		
Theta	-8.1°		

XY profile & fitting parameters :

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

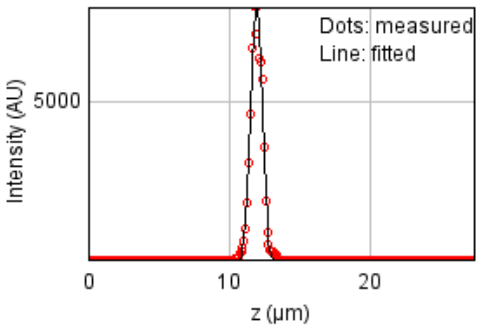




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 9020.872 (brightness)
B = 311.849 (background)
a = 0.355 px
b = -0.012 px
c = 0.436 px
xc = 5.930 px
yc = 5.640 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4165714.41
Standard deviation: 132.57773
R^2: 0.98848
Parameters:
a = 115.66470
b = 8019.69454
c = 12.00792
d = 0.39440

Bead 159

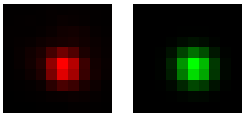
Date : Thu Jul 14 17:33:35 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

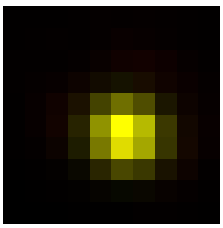
Coordinates : 4.77 um (x), 21.7 um (y), 12.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	294 nm	301 nm	190 nm
z	805 nm	807 nm	642 nm
Asymmetry	0.928		
Theta	-19.4°		

XY profile & fitting parameters :

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

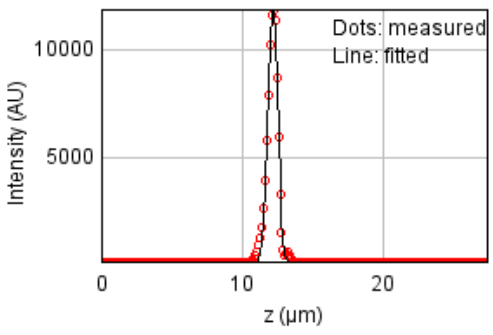




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 13966.707 (brightness)
B = 370.659 (background)
a = 0.438 px
b = -0.022 px
c = 0.493 px
xc = 5.152 px
yc = 5.353 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4767861.18
Standard deviation: 141.83638
R^2: 0.99329
Parameters:
a = 131.81474
b = 12017.4303
c = 12.23975
d = 0.34182

Bead 160

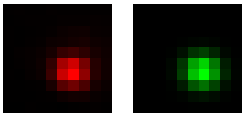
Date : Thu Jul 14 17:33:35 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

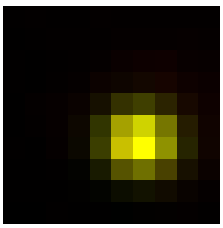
Coordinates : -41.8 um (x), -8.2 um (y), 11.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	276 nm	190 nm
max	297 nm	303 nm	190 nm
z	754 nm	756 nm	642 nm
Asymmetry	0.913		
Theta	-6.6°		

XY profile & fitting parameters :

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

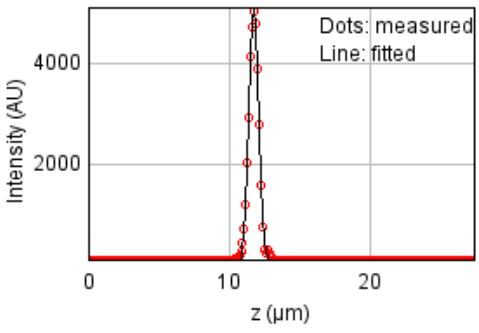




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 5155.543 (brightness)
B = 187.597 (background)
a = 0.425 px
b = -0.010 px
c = 0.508 px
xc = 5.831 px
yc = 5.687 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 360137.292
Standard deviation: 38.98162
R^2: 0.99694
Parameters:
a = 116.32152
b = 5119.45960
c = 11.81455
d = 0.32033

Bead 161

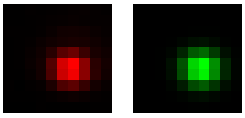
Date : Thu Jul 14 17:33:35 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

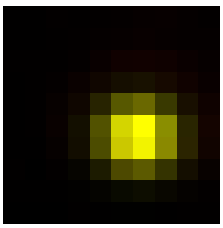
Coordinates : -52.0 um (x), 8.76 um (y), 12.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	312 nm	318 nm	190 nm
z	825 nm	827 nm	642 nm
Asymmetry	0.9		
Theta	-4.7°		

XY profile & fitting parameters :

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

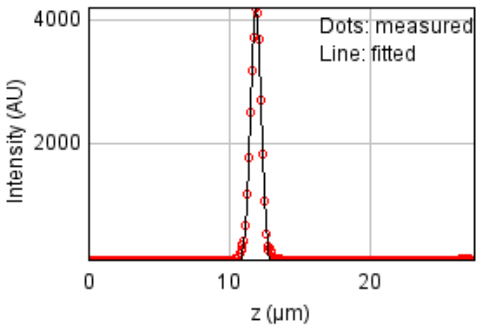




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 4775.397 (brightness)
B = 175.908 (background)
a = 0.385 px
b = -0.007 px
c = 0.473 px
xc = 5.746 px
yc = 5.443 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 342495.747
Standard deviation: 38.01486
R^2: 0.99600
Parameters:
a = 116.43236
b = 4202.38898
c = 11.96180
d = 0.35030

Bead 162

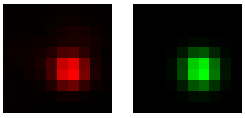
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

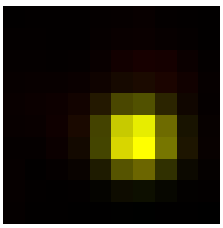
Coordinates : 43.3 um (x), -7.37 um (y), 12.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	281 nm	287 nm	190 nm
z	835 nm	837 nm	642 nm
Asymmetry	0.971		
Theta	-21.4°		

XY profile & fitting parameters :

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

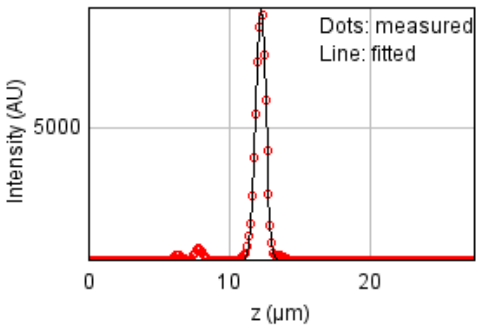




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 10354.244 (brightness)
B = 360.233 (background)
a = 0.476 px
b = -0.010 px
c = 0.497 px
xc = 5.678 px
yc = 5.571 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1952276.65
Standard deviation: 90.76042
R^2: 0.99559
Parameters:
a = 145.97352
b = 9377.43392
c = 12.30557
d = 0.35448

Bead 163

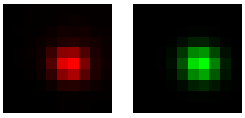
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

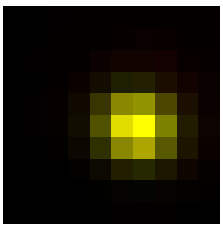
Coordinates : -38.8 um (x), -10.1 um (y), 12.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	278 nm	190 nm
max	302 nm	308 nm	190 nm
z	757 nm	759 nm	642 nm
Asymmetry	0.903		
Theta	-17.9°		

XY profile & fitting parameters :

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

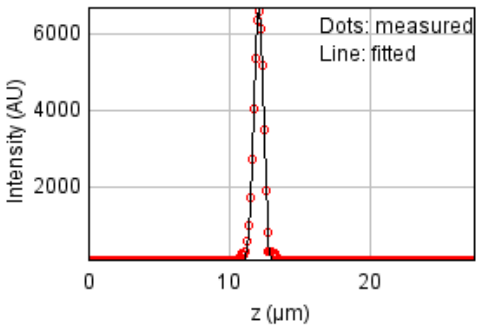




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 6664.431 (brightness)
B = 204.258 (background)
a = 0.418 px
b = -0.027 px
c = 0.493 px
xc = 5.680 px
yc = 5.039 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 745759.552
Standard deviation: 56.09514
R^2: 0.99635
Parameters:
a = 116.40118
b = 6686.63365
c = 12.15177
d = 0.32148

Bead 164

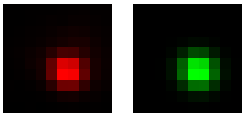
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

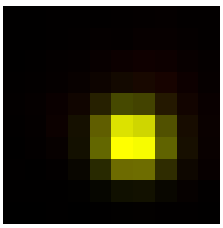
Coordinates : -9.46 um (x), -5.41 um (y), 12.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	286 nm	292 nm	190 nm
z	784 nm	786 nm	642 nm
Asymmetry	0.947		
Theta	-21.8°		

XY profile & fitting parameters :

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

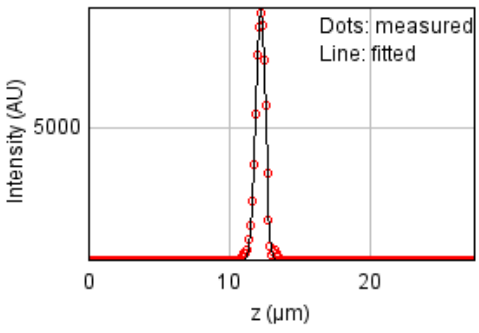




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 10403.596 (brightness)
B = 276.342 (background)
a = 0.462 px
b = -0.018 px
c = 0.501 px
xc = 5.470 px
yc = 5.644 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1548882.78
Standard deviation: 80.84164
R^2: 0.99632
Parameters:
a = 124.96586
b = 9402.37504
c = 12.28778
d = 0.33286

Bead 165

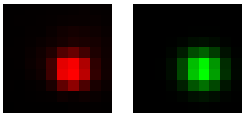
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

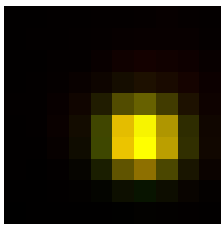
Coordinates : -26.7 um (x), -64.3 nm (y), 12.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	298 nm	190 nm
max	317 nm	324 nm	190 nm
z	878 nm	880 nm	642 nm
Asymmetry	0.919		
Theta	-5.9°		

XY profile & fitting parameters :

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

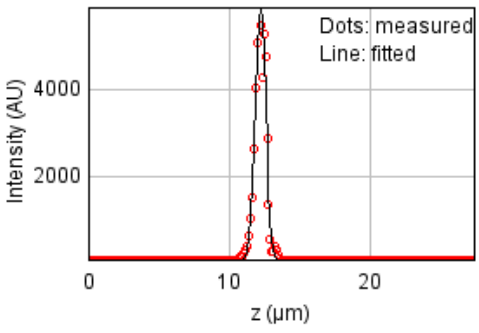




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.983

Parameters:
A = 6298.308 (brightness)
B = 193.223 (background)
a = 0.371 px
b = -0.007 px
c = 0.438 px
xc = 5.855 px
yc = 5.554 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4312417.72
Standard deviation: 134.89201
R^2: 0.97653
Parameters:
a = 115.60815
b = 5866.50022
c = 12.29107
d = 0.37283

Bead 166

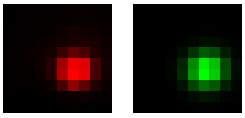
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

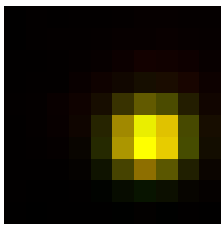
Coordinates : -22.8 um (x), -19.8 um (y), 12.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	313 nm	320 nm	190 nm
z	904 nm	906 nm	642 nm
Asymmetry	0.915		
Theta	8.5°		

XY profile & fitting parameters :

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

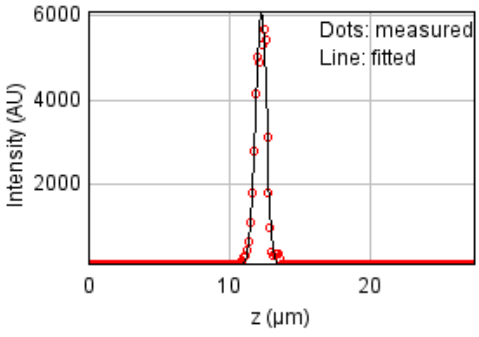




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 7077.753 (brightness)
B = 204.669 (background)
a = 0.382 px
b = 0.011 px
c = 0.452 px
xc = 6.213 px
yc = 5.574 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3294919.12
Standard deviation: 117.90934
R^2: 0.98373
Parameters:
a = 119.59093
b = 6097.15051
c = 12.32515
d = 0.38381

Bead 167

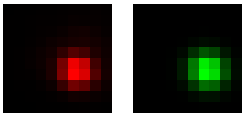
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

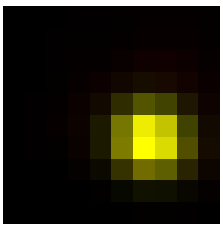
Coordinates : -19.5 um (x), 24.9 um (y), 12.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	294 nm	300 nm	190 nm
z	790 nm	792 nm	642 nm
Asymmetry	0.946		
Theta	-23.4°		

XY profile & fitting parameters :

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

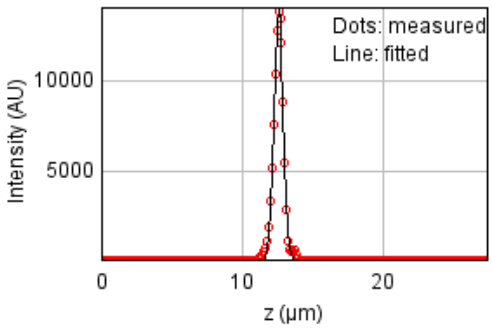




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 15179.309 (brightness)
B = 332.057 (background)
a = 0.441 px
b = -0.019 px
c = 0.476 px
xc = 6.308 px
yc = 5.596 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3678264.07
Standard deviation: 124.57970
R^2: 0.99613
Parameters:
a = 129.45546
b = 14022.8342
c = 12.65940
d = 0.33567

Bead 168

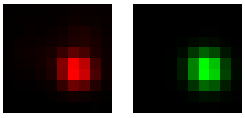
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

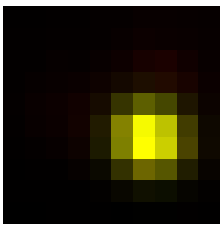
Coordinates : 42.3 um (x), -7.83 um (y), 12.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	291 nm	297 nm	190 nm
z	831 nm	833 nm	642 nm
Asymmetry	0.953		
Theta	-33.3°		

XY profile & fitting parameters :

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

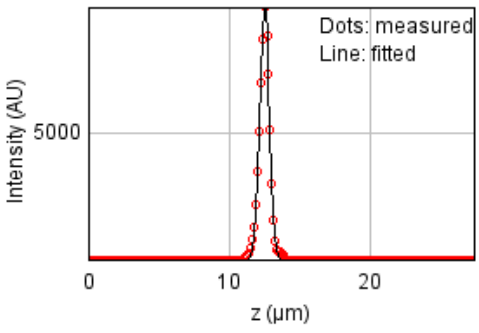




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 10745.560 (brightness)
B = 350.762 (background)
a = 0.454 px
b = -0.021 px
c = 0.472 px
xc = 6.242 px
yc = 5.536 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1233012.78
Standard deviation: 72.12895
R^2: 0.99751
Parameters:
a = 126.26205
b = 9919.90968
c = 12.58176
d = 0.35287

Bead 169

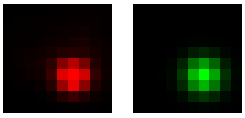
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

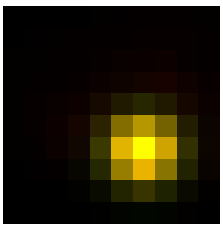
Coordinates : 8.46 um (x), -12.5 um (y), 12.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	298 nm	190 nm
max	306 nm	313 nm	190 nm
z	773 nm	775 nm	642 nm
Asymmetry	0.952		
Theta	-5.9°		

XY profile & fitting parameters :

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

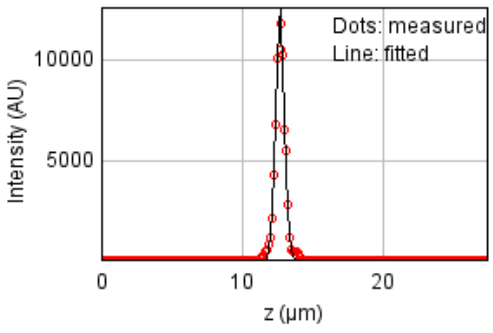




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 13352.115 (brightness)
B = 319.163 (background)
a = 0.398 px
b = -0.004 px
c = 0.439 px
xc = 5.943 px
yc = 6.094 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 8413234.75
Standard deviation: 188.41147
R^2: 0.98884
Parameters:
a = 130.05182
b = 12584.8779
c = 12.75752
d = 0.32827

Bead 170

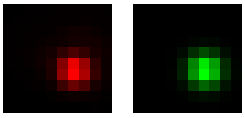
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

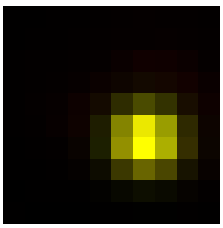
Coordinates : -685 nm (x), -23.3 um (y), 13.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	275 nm	190 nm
max	280 nm	286 nm	190 nm
z	782 nm	783 nm	642 nm
Asymmetry	0.961		
Theta	-11.9°		

XY profile & fitting parameters :

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

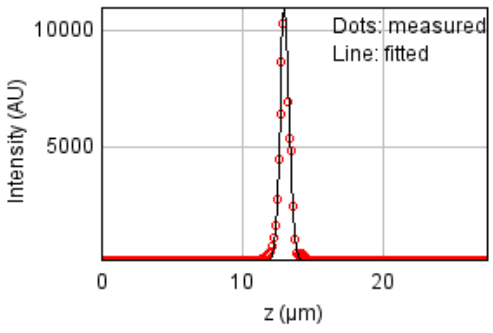




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.993

Parameters:
A = 12235.300 (brightness)
B = 294.466 (background)
a = 0.478 px
b = -0.008 px
c = 0.514 px
xc = 6.098 px
yc = 5.597 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 5876328.93
Standard deviation: 157.46313
R^2: 0.98977
Parameters:
a = 130.15575
b = 10950.9607
c = 13.08985
d = 0.33190

Bead 171

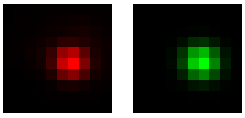
Date : Thu Jul 14 17:33:36 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

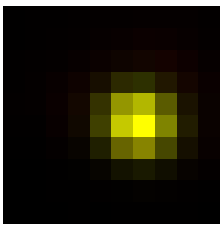
Coordinates : 1.48 um (x), -20.7 um (y), 13.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	272 nm	278 nm	190 nm
max	290 nm	296 nm	190 nm
z	757 nm	759 nm	642 nm
Asymmetry	0.938		
Theta	-19.1°		

XY profile & fitting parameters :

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

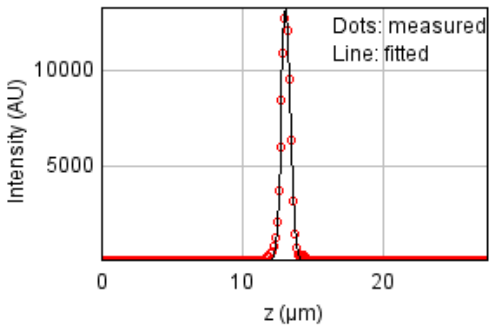




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 13455.656 (brightness)
B = 337.726 (background)
a = 0.450 px
b = -0.019 px
c = 0.497 px
xc = 5.759 px
yc = 4.828 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2790498.87
Standard deviation: 108.50925
R^2: 0.99663
Parameters:
a = 127.41711
b = 13358.9413
c = 13.17627
d = 0.32145

Bead 172

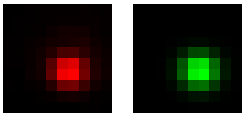
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

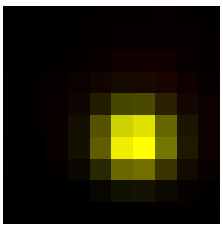
Coordinates : -42.0 um (x), 854 nm (y), 13.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	296 nm	302 nm	190 nm
z	778 nm	779 nm	642 nm
Asymmetry	0.938		
Theta	-5.3°		

XY profile & fitting parameters :

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

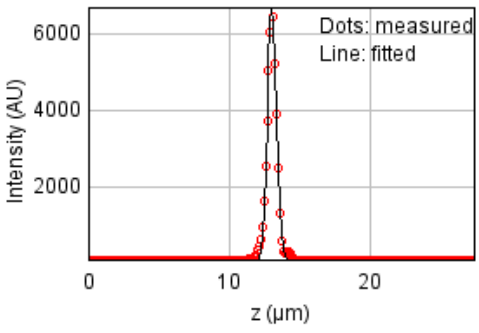




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 7507.129 (brightness)
B = 235.446 (background)
a = 0.427 px
b = -0.005 px
c = 0.485 px
xc = 5.587 px
yc = 5.637 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 685105.686
Standard deviation: 53.76561
R^2: 0.99671
Parameters:
a = 119.52531
b = 6671.39240
c = 13.10969
d = 0.33023

Bead 173

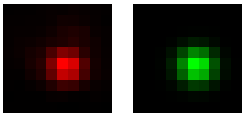
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

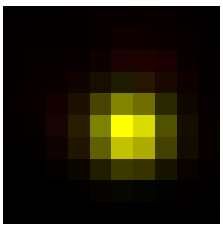
Coordinates : 51.7 um (x), -13.0 um (y), 13.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	301 nm	307 nm	190 nm
z	939 nm	941 nm	642 nm
Asymmetry	0.935		
Theta	-12.5°		

XY profile & fitting parameters :

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

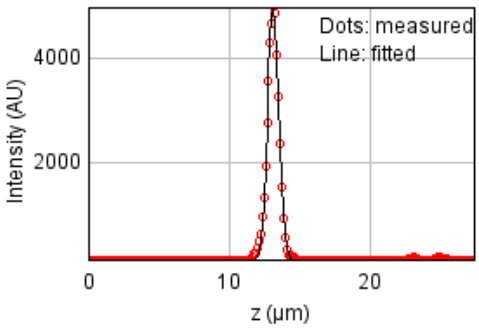




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 6617.633 (brightness)
B = 271.417 (background)
a = 0.416 px
b = -0.013 px
c = 0.470 px
xc = 5.318 px
yc = 5.210 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 361777.672
Standard deviation: 39.07030
R^2: 0.99737
Parameters:
a = 121.88346
b = 4994.37166
c = 13.19646
d = 0.39893

Bead 174

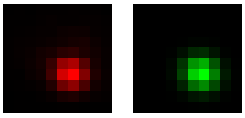
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

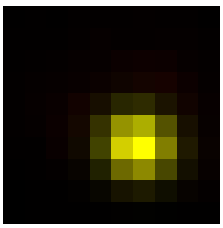
Coordinates : 19.2 um (x), -19.9 um (y), 13.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	274 nm	190 nm
max	288 nm	294 nm	190 nm
z	777 nm	779 nm	642 nm
Asymmetry	0.932		
Theta	-21.9°		

XY profile & fitting parameters :

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

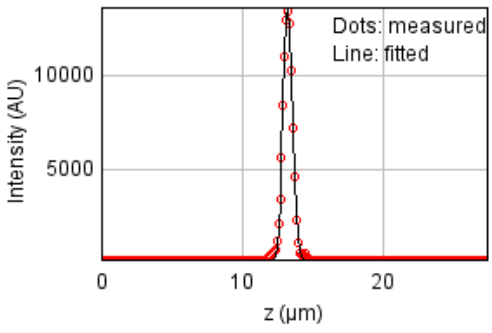




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 13686.513 (brightness)
B = 366.507 (background)
a = 0.458 px
b = -0.024 px
c = 0.508 px
xc = 5.724 px
yc = 5.869 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1540990.33
Standard deviation: 80.63541
R^2: 0.99826
Parameters:
a = 125.95672
b = 13655.4499
c = 13.31571
d = 0.32994

Bead 175

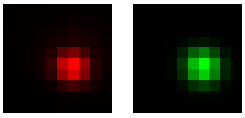
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

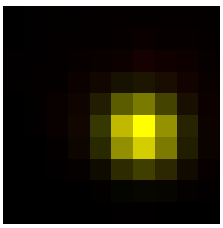
Coordinates : -3.49 um (x), 10.6 um (y), 13.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	294 nm	300 nm	190 nm
z	864 nm	866 nm	642 nm
Asymmetry	0.941		
Theta	-22.3°		

XY profile & fitting parameters :

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

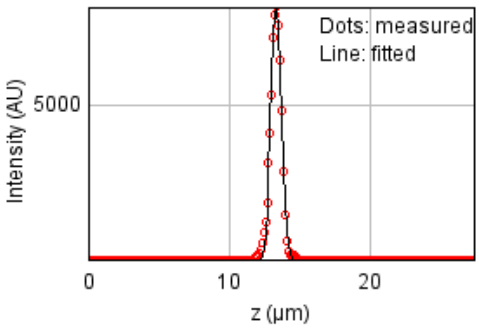




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.992

Parameters:
A = 9980.932 (brightness)
B = 280.114 (background)
a = 0.441 px
b = -0.019 px
c = 0.481 px
xc = 5.878 px
yc = 5.267 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1814713.52
Standard deviation: 87.50439
R^2: 0.99467
Parameters:
a = 126.54916
b = 8090.24001
c = 13.40893
d = 0.36684

Bead 176

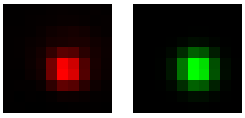
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

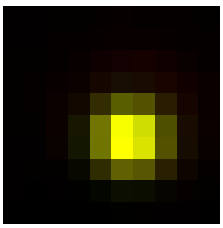
Coordinates : -40.4 um (x), -5.4 um (y), 13.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	288 nm	294 nm	190 nm
z	835 nm	837 nm	642 nm
Asymmetry	0.957		
Theta	-10.6°		

XY profile & fitting parameters :

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

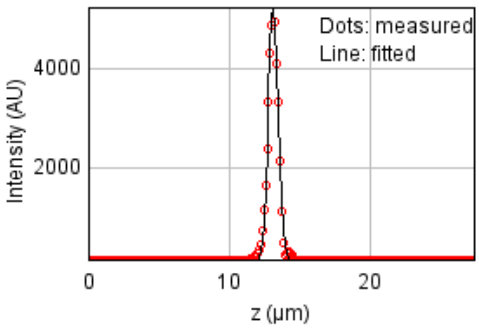




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 5902.603 (brightness)
B = 212.367 (background)
a = 0.452 px
b = -0.007 px
c = 0.490 px
xc = 5.360 px
yc = 5.513 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 518471.477
Standard deviation: 46.77225
R^2: 0.99624
Parameters:
a = 114.69291
b = 5264.84488
c = 13.20485
d = 0.35466

Bead 177

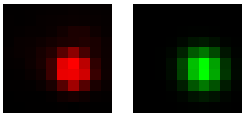
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

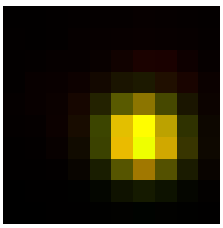
Coordinates : 27.4 um (x), -8.53 um (y), 13.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	309 nm	315 nm	190 nm
max	323 nm	330 nm	190 nm
z	910 nm	912 nm	642 nm
Asymmetry	0.955		
Theta	-30.3°		

XY profile & fitting parameters :

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

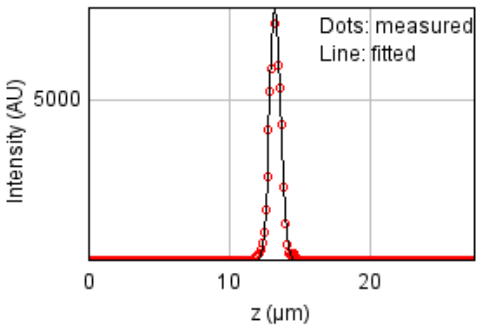




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.972

Parameters:
A = 9062.384 (brightness)
B = 264.128 (background)
a = 0.366 px
b = -0.015 px
c = 0.383 px
xc = 5.908 px
yc = 5.510 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2079884.42
Standard deviation: 93.67969
R^2: 0.99377
Parameters:
a = 116.65502
b = 7805.64556
c = 13.33585
d = 0.38641

Bead 178

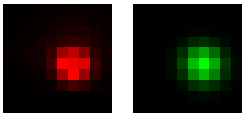
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

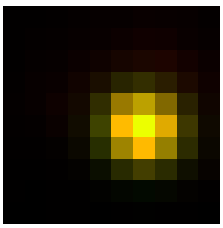
Coordinates : -8.82 um (x), -21.7 um (y), 13.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	306 nm	313 nm	190 nm
max	325 nm	332 nm	190 nm
z	868 nm	870 nm	642 nm
Asymmetry	0.943		
Theta	-21.5°		

XY profile & fitting parameters :

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

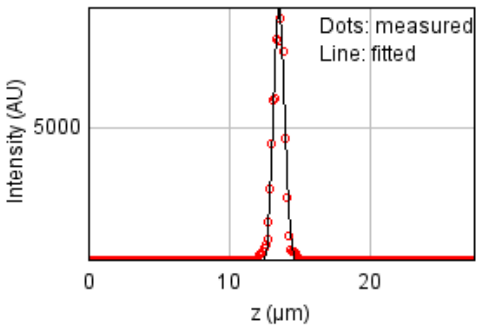




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 10049.929 (brightness)
B = 270.083 (background)
a = 0.360 px
b = -0.015 px
c = 0.392 px
xc = 5.938 px
yc = 5.088 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 13010158.4
Standard deviation: 234.29721
R^2: 0.97310
Parameters:
a = 122.37743
b = 9485.28914
c = 13.61790
d = 0.36876

Bead 179

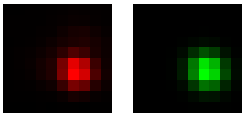
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

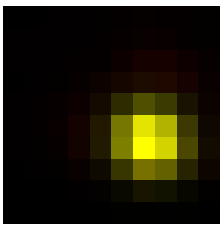
Coordinates : 28.2 um (x), 24.4 um (y), 13.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	295 nm	301 nm	190 nm
z	792 nm	794 nm	642 nm
Asymmetry	0.942		
Theta	-34.9°		

XY profile & fitting parameters :

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

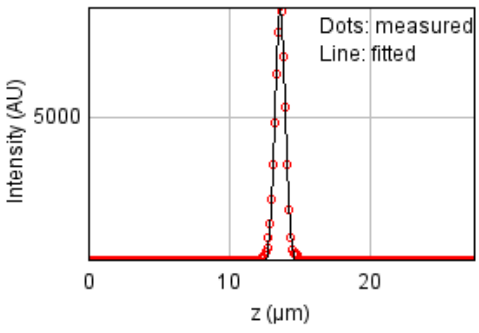




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 9317.033 (brightness)
B = 296.295 (background)
a = 0.447 px
b = -0.025 px
c = 0.466 px
xc = 6.264 px
yc = 5.640 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1187129.54
Standard deviation: 70.77419
R^2: 0.99676
Parameters:
a = 123.47834
b = 8739.14014
c = 13.69698
d = 0.33631

Bead 180

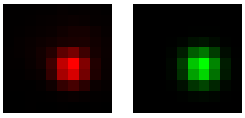
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

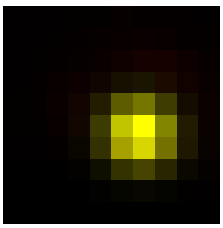
Coordinates : 11.3 um (x), 21.3 um (y), 13.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	286 nm	293 nm	190 nm
z	734 nm	736 nm	642 nm
Asymmetry	0.97		
Theta	-19.9°		

XY profile & fitting parameters :

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

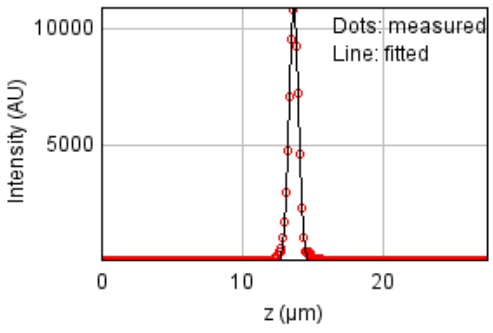




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 11110.234 (brightness)
B = 300.390 (background)
a = 0.458 px
b = -0.009 px
c = 0.479 px
xc = 5.794 px
yc = 5.307 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1638832.86
Standard deviation: 83.15592
R^2: 0.99698
Parameters:
a = 128.65872
b = 10997.0846
c = 13.73855
d = 0.31175

Bead 181

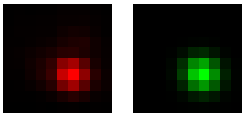
Date : Thu Jul 14 17:33:37 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

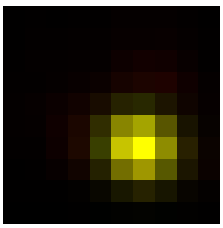
Coordinates : 42.5 um (x), 18.0 um (y), 13.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	298 nm	304 nm	190 nm
z	823 nm	825 nm	642 nm
Asymmetry	0.921		
Theta	-24.3°		

XY profile & fitting parameters :

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

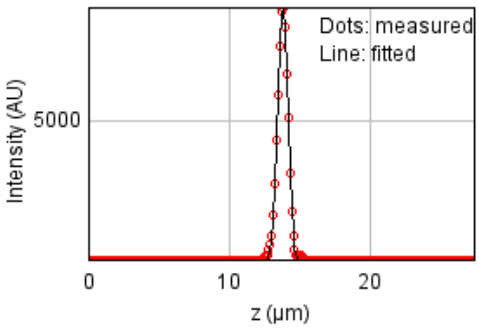




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 8743.888 (brightness)
B = 334.558 (background)
a = 0.434 px
b = -0.028 px
c = 0.484 px
xc = 5.803 px
yc = 5.946 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 509248.061
Standard deviation: 46.35435
R^2: 0.99872
Parameters:
a = 122.38372
b = 8963.43622
c = 13.88250
d = 0.34938

Bead 182

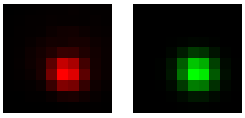
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

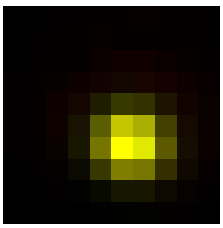
Coordinates : -42.5 um (x), -24.7 um (y), 13.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	294 nm	300 nm	190 nm
z	879 nm	881 nm	642 nm
Asymmetry	0.936		
Theta	-16.0°		

XY profile & fitting parameters :

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

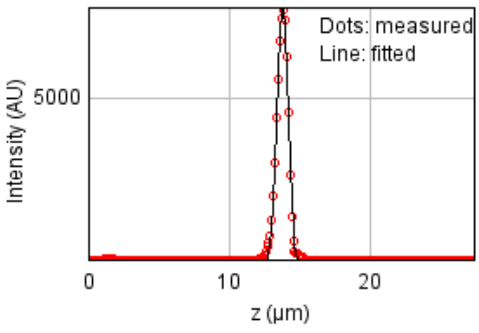




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 9158.364 (brightness)
B = 286.234 (background)
a = 0.436 px
b = -0.016 px
c = 0.488 px
xc = 5.387 px
yc = 5.780 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1865609.50
Standard deviation: 88.72300
R^2: 0.99421
Parameters:
a = 127.65644
b = 7810.77805
c = 13.86441
d = 0.37325

Bead 183

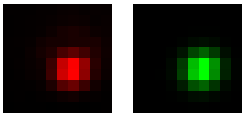
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

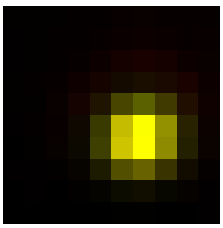
Coordinates : -54.8 um (x), -18.3 um (y), 13.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	296 nm	302 nm	190 nm
z	815 nm	817 nm	642 nm
Asymmetry	0.934		
Theta	20.8°		

XY profile & fitting parameters :

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

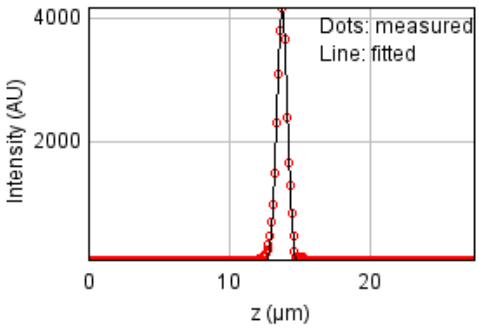




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

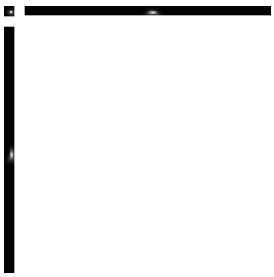
Parameters:
A = 4551.497 (brightness)
B = 196.033 (background)
a = 0.435 px
b = 0.021 px
c = 0.481 px
xc = 5.824 px
yc = 5.512 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 476655.887
Standard deviation: 44.84647
R^2: 0.99429
Parameters:
a = 115.59459
b = 4167.31203
c = 13.82758
d = 0.34598

Bead 184



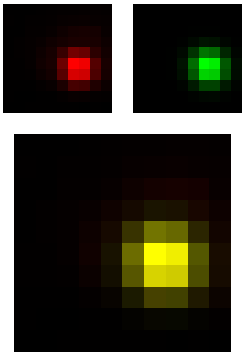
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -4.13 um (x), 23.7 um (y), 14.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	278 nm	190 nm
max	285 nm	292 nm	190 nm
z	747 nm	749 nm	642 nm
Asymmetry	0.955		
Theta	-26.6°		

XY profile & fitting parameters :

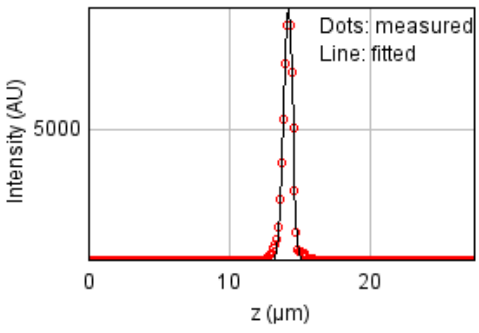
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 10694.161 (brightness)
B = 296.816 (background)
a = 0.467 px
b = -0.018 px
c = 0.493 px
xc = 6.432 px
yc = 5.319 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1973510.18
Standard deviation: 91.25266
R^2: 0.99521
Parameters:
a = 132.11178
b = 9518.13339
c = 14.24643
d = 0.31737

Bead 185

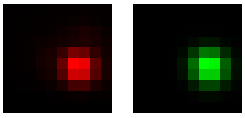
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

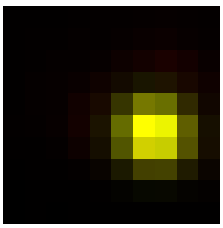
Coordinates : 18.3 um (x), 9.48 um (y), 14.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	290 nm	296 nm	190 nm
z	717 nm	719 nm	642 nm
Asymmetry	0.952		
Theta	-24.7°		

XY profile & fitting parameters :

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

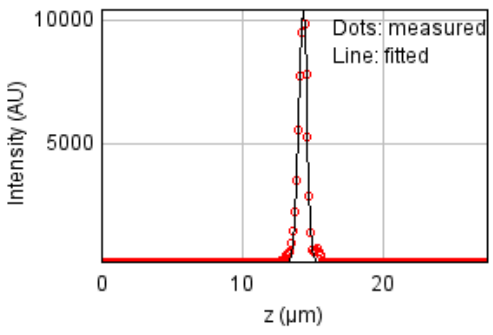




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 11489.124 (brightness)
B = 320.928 (background)
a = 0.453 px
b = -0.017 px
c = 0.483 px
xc = 6.459 px
yc = 5.301 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2568753.21
Standard deviation: 104.10870
R^2: 0.99464
Parameters:
a = 132.52300
b = 10461.6861
c = 14.37480
d = 0.30456

Bead 186

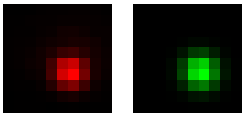
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

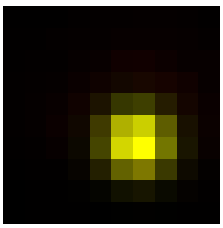
Coordinates : -21.0 um (x), -2.4 um (y), 14.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	282 nm	288 nm	190 nm
z	807 nm	808 nm	642 nm
Asymmetry	0.977		
Theta	-36.0°		

XY profile & fitting parameters :

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

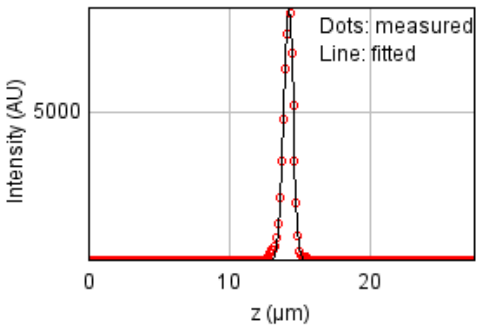




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

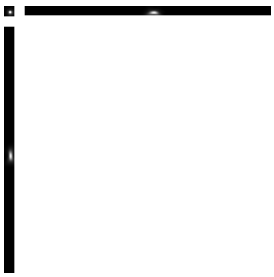
Parameters:
A = 8967.379 (brightness)
B = 274.708 (background)
a = 0.477 px
b = -0.011 px
c = 0.484 px
xc = 5.682 px
yc = 5.713 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1098208.67
Standard deviation: 68.07196
R^2: 0.99688
Parameters:
a = 121.35093
b = 8490.35190
c = 14.27565
d = 0.34256

Bead 187



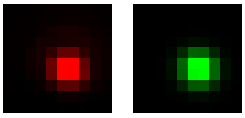
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

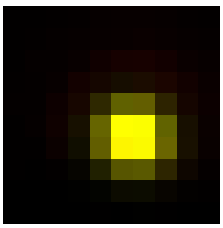
Coordinates : -37.8 um (x), -20.2 um (y), 14.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	276 nm	190 nm
max	284 nm	290 nm	190 nm
z	879 nm	880 nm	642 nm
Asymmetry	0.95		
Theta	-18.0°		

XY profile & fitting parameters :

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

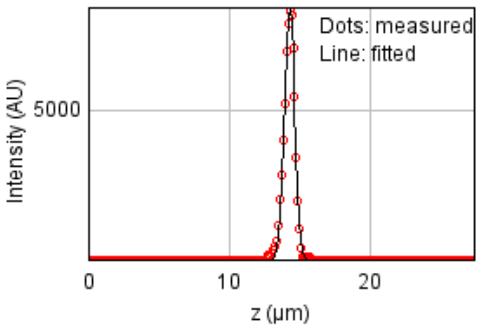




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 10201.505 (brightness)
B = 310.706 (background)
a = 0.467 px
b = -0.015 px
c = 0.508 px
xc = 5.507 px
yc = 5.470 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1615826.59
Standard deviation: 82.57017
R^2: 0.99564
Parameters:
a = 120.80654
b = 8367.99758
c = 14.36788
d = 0.37308

Bead 188

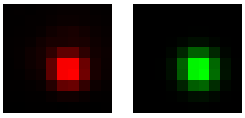
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

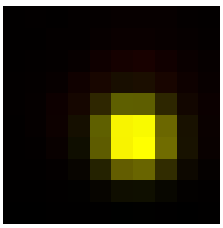
Coordinates : -29.9 um (x), 24.1 um (y), 14.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	288 nm	294 nm	190 nm
z	867 nm	869 nm	642 nm
Asymmetry	0.964		
Theta	-27.2°		

XY profile & fitting parameters :

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

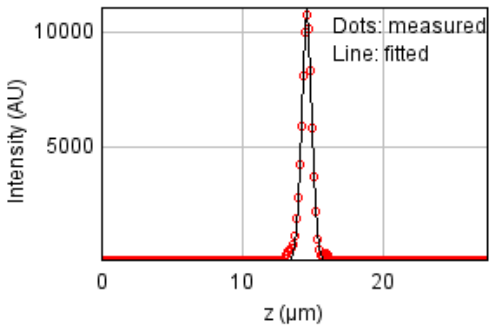




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 12809.603 (brightness)
B = 349.117 (background)
a = 0.456 px
b = -0.014 px
c = 0.476 px
xc = 5.543 px
yc = 5.510 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2247117.46
Standard deviation: 97.37304
R^2: 0.99656
Parameters:
a = 133.43556
b = 11147.0396
c = 14.66657
d = 0.36826

Bead 189

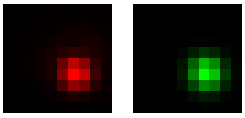
Date : Thu Jul 14 17:33:38 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

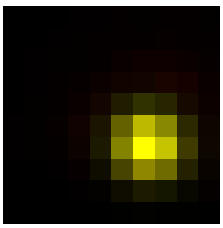
Coordinates : -10.1 um (x), 15.7 um (y), 14.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	286 nm	292 nm	190 nm
z	788 nm	789 nm	642 nm
Asymmetry	0.962		
Theta	-33.0°		

XY profile & fitting parameters :

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

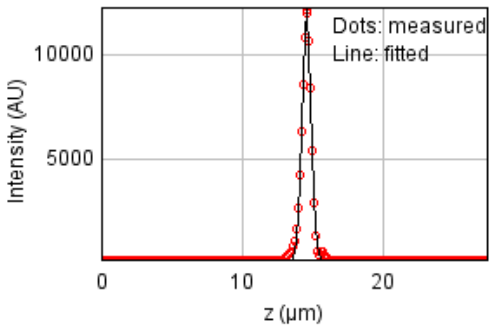




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

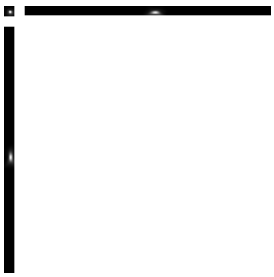
Parameters:
A = 12319.093 (brightness)
B = 332.870 (background)
a = 0.468 px
b = -0.017 px
c = 0.483 px
xc = 6.212 px
yc = 5.848 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2825767.56
Standard deviation: 109.19281
R^2: 0.99611
Parameters:
a = 129.52837
b = 12297.3237
c = 14.65242
d = 0.33448

Bead 190



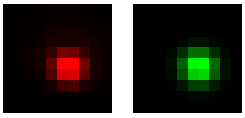
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

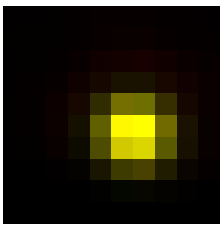
Coordinates : -25.7 um (x), -7.92 um (y), 14.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	276 nm	190 nm
max	286 nm	293 nm	190 nm
z	907 nm	909 nm	642 nm
Asymmetry	0.944		
Theta	-15.4°		

XY profile & fitting parameters :

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

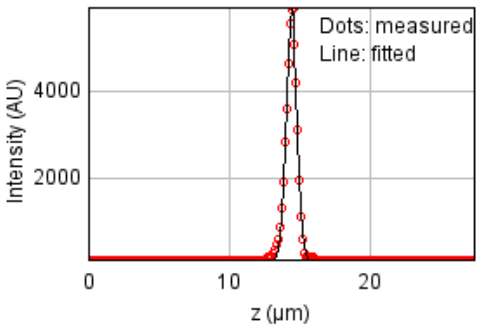




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 7771.375 (brightness)
B = 247.097 (background)
a = 0.458 px
b = -0.014 px
c = 0.506 px
xc = 5.545 px
yc = 5.310 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 587651.209
Standard deviation: 49.79499
R^2: 0.99691
Parameters:
a = 116.92420
b = 5938.85131
c = 14.51455
d = 0.38526

Bead 191

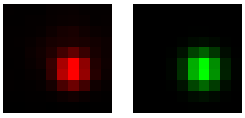
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

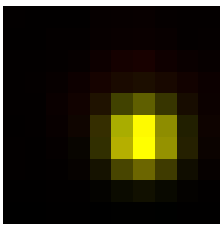
Coordinates : -43.2 um (x), 19.0 um (y), 14.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	283 nm	289 nm	190 nm
z	853 nm	854 nm	642 nm
Asymmetry	0.991		
Theta	-47.4°		

XY profile & fitting parameters :

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

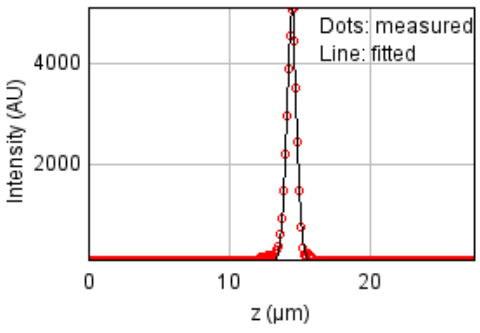




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 5476.047 (brightness)
B = 220.855 (background)
a = 0.472 px
b = -0.004 px
c = 0.471 px
xc = 5.898 px
yc = 5.523 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 496178.164
Standard deviation: 45.75564
R^2: 0.99627
Parameters:
a = 119.70466
b = 5128.78746
c = 14.52026
d = 0.36207

Bead 192

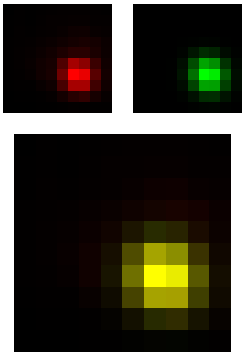
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 1.56 um (x), 1.62 um (y), 14.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	298 nm	304 nm	190 nm
z	803 nm	804 nm	642 nm
Asymmetry	0.933		
Theta	-46.0°		

XY profile & fitting parameters :

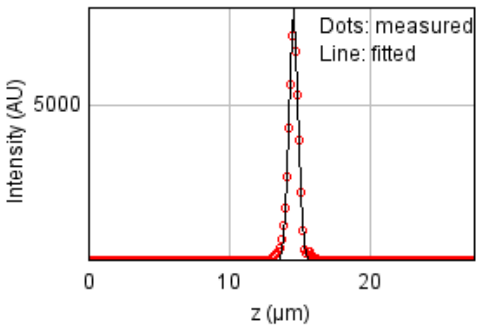
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 8495.819 (brightness)
B = 272.863 (background)
a = 0.452 px
b = -0.031 px
c = 0.450 px
xc = 6.412 px
yc = 6.025 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1095617.77
Standard deviation: 67.99162
R^2: 0.99654
Parameters:
a = 121.93538
b = 8081.42209
c = 14.65169
d = 0.34080

Bead 193

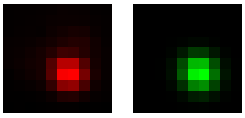
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

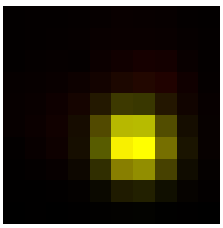
Coordinates : 36.4 um (x), -14.1 um (y), 14.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	297 nm	303 nm	190 nm
z	877 nm	879 nm	642 nm
Asymmetry	0.945		
Theta	-43.2°		

XY profile & fitting parameters :

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

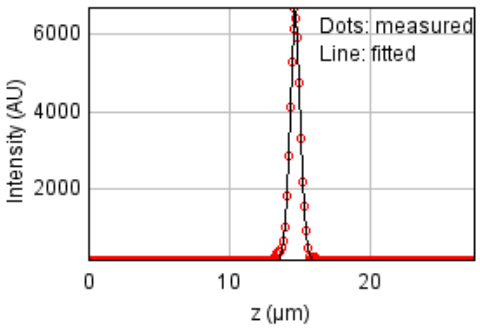




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 7066.350 (brightness)
B = 294.968 (background)
a = 0.448 px
b = -0.025 px
c = 0.451 px
xc = 5.561 px
yc = 5.825 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 283507.704
Standard deviation: 34.58663
R^2: 0.99880
Parameters:
a = 118.15135
b = 6722.29227
c = 14.76065
d = 0.37259

Bead 194

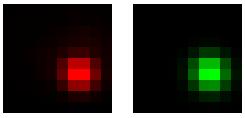
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

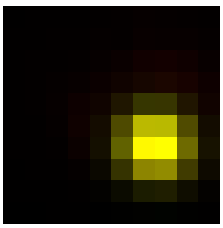
Coordinates : -171 nm (x), 25.4 um (y), 15.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	289 nm	295 nm	190 nm
z	807 nm	809 nm	642 nm
Asymmetry	0.973		
Theta	-35.6°		

XY profile & fitting parameters :

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

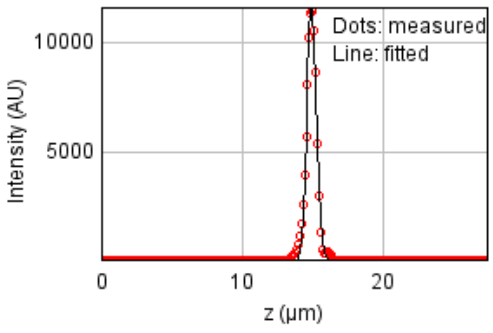




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 12404.411 (brightness)
B = 339.760 (background)
a = 0.454 px
b = -0.012 px
c = 0.462 px
xc = 6.525 px
yc = 5.836 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4041355.79
Standard deviation: 130.58382
R^2: 0.99395
Parameters:
a = 132.62473
b = 11653.4027
c = 15.01154
d = 0.34268

Bead 195

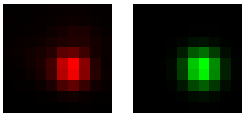
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

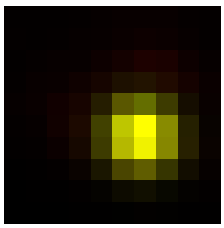
Coordinates : 43.4 um (x), -1.21 um (y), 14.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	286 nm	293 nm	190 nm
max	296 nm	302 nm	190 nm
z	914 nm	916 nm	642 nm
Asymmetry	0.969		
Theta	-24.8°		

XY profile & fitting parameters :

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

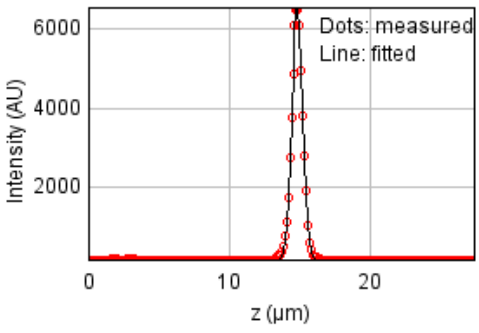




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 7180.174 (brightness)
B = 295.032 (background)
a = 0.432 px
b = -0.011 px
c = 0.450 px
xc = 5.806 px
yc = 5.434 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 289296.888
Standard deviation: 34.93797
R^2: 0.99878
Parameters:
a = 122.58700
b = 6617.15668
c = 14.90804
d = 0.38799

Bead 196

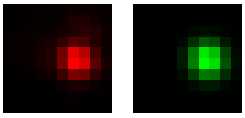
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

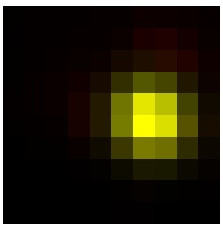
Coordinates : 41.2 um (x), 23.9 um (y), 15.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	303 nm	309 nm	190 nm
z	858 nm	860 nm	642 nm
Asymmetry	0.947		
Theta	-47.3°		

XY profile & fitting parameters :

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

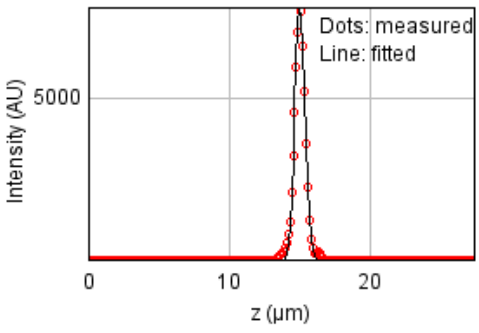




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.982

Parameters:
A = 8237.653 (brightness)
B = 321.222 (background)
a = 0.433 px
b = -0.023 px
c = 0.429 px
xc = 6.323 px
yc = 4.644 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 844083.873
Standard deviation: 59.67860
R^2: 0.99729
Parameters:
a = 121.89640
b = 7763.55596
c = 15.10038
d = 0.36457

Bead 197

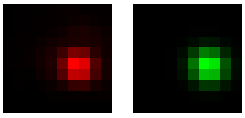
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

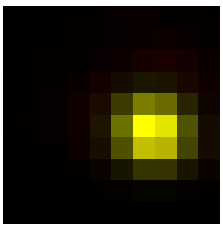
Coordinates : 278 nm (x), 19.0 um (y), 15.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	275 nm	190 nm
max	288 nm	294 nm	190 nm
z	743 nm	744 nm	642 nm
Asymmetry	0.934		
Theta	-24.3°		

XY profile & fitting parameters :

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

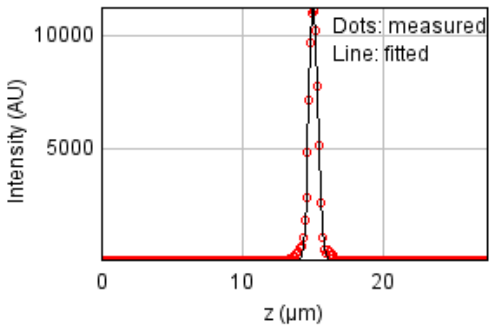




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 11618.004 (brightness)
B = 340.698 (background)
a = 0.461 px
b = -0.025 px
c = 0.505 px
xc = 6.393 px
yc = 5.228 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2287767.49
Standard deviation: 98.24982
R^2: 0.99609
Parameters:
a = 133.74874
b = 11362.9994
c = 15.14281
d = 0.31532

Bead 198

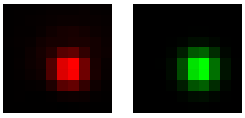
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

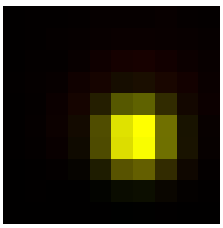
Coordinates : -43.3 um (x), -10.7 um (y), 15.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	281 nm	287 nm	190 nm
z	891 nm	893 nm	642 nm
Asymmetry	0.987		
Theta	-21.3°		

XY profile & fitting parameters :

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

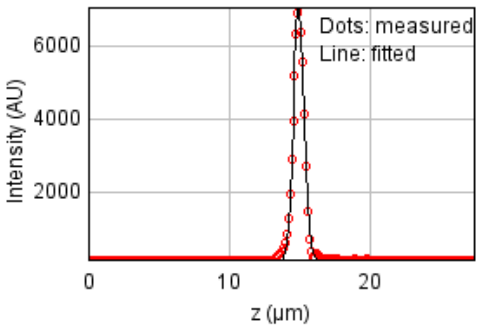




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 8080.790 (brightness)
B = 266.910 (background)
a = 0.474 px
b = -0.004 px
c = 0.484 px
xc = 5.637 px
yc = 5.486 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 994364.280
Standard deviation: 64.77368
R^2: 0.99632
Parameters:
a = 126.95521
b = 7120.72451
c = 15.01863
d = 0.37832

Bead 199

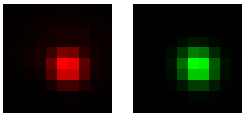
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

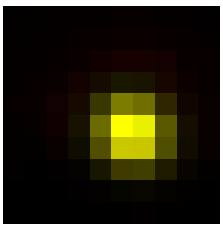
Coordinates : -4.7 um (x), -23.9 um (y), 15.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	289 nm	295 nm	190 nm
z	950 nm	952 nm	642 nm
Asymmetry	0.938		
Theta	-35.5°		

XY profile & fitting parameters :

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

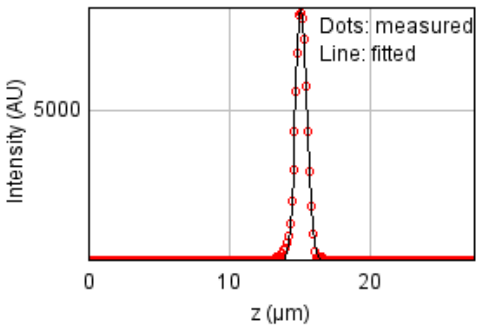




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.991

Parameters:
A = 11293.100 (brightness)
B = 336.926 (background)
a = 0.467 px
b = -0.029 px
c = 0.487 px
xc = 5.450 px
yc = 5.268 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 847390.063
Standard deviation: 59.79536
R^2: 0.99786
Parameters:
a = 121.95894
b = 8337.54037
c = 15.19535
d = 0.40329

Bead 200

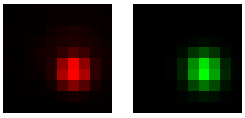
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

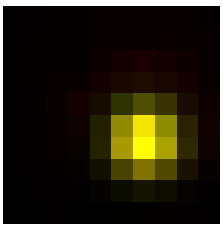
Coordinates : -43.1 um (x), 10.9 um (y), 15.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	284 nm	290 nm	190 nm
z	851 nm	853 nm	642 nm
Asymmetry	0.971		
Theta	-72.1°		

XY profile & fitting parameters :

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

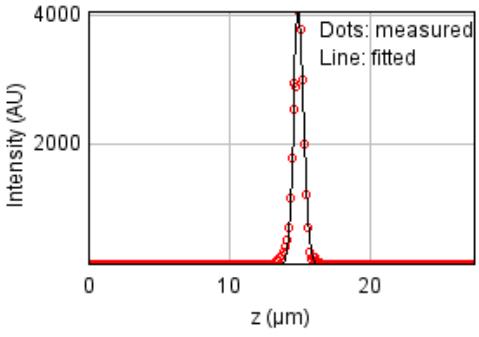




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 4289.793 (brightness)
B = 189.312 (background)
a = 0.487 px
b = -0.008 px
c = 0.465 px
xc = 6.023 px
yc = 5.630 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1377614.98
Standard deviation: 76.24121
R^2: 0.98365
Parameters:
a = 114.41012
b = 4082.72507
c = 15.00774
d = 0.36128