Bead 201

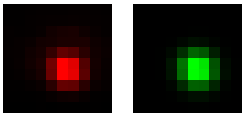
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

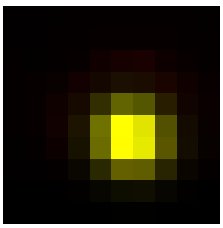
Coordinates : -18.2 um (x), 2.84 um (y), 15.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	288 nm	295 nm	190 nm
z	875 nm	877 nm	642 nm
Asymmetry	0.956		
Theta	-34.1°		

XY profile & fitting parameters :

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

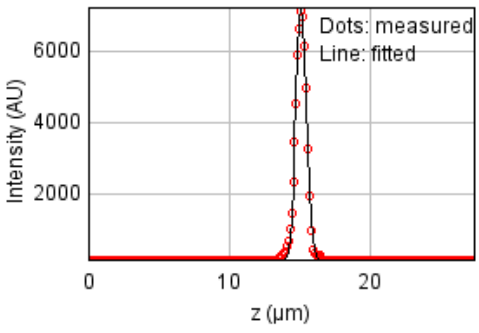




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 8182.056 (brightness)
B = 264.915 (background)
a = 0.462 px
b = -0.020 px
c = 0.477 px
xc = 5.396 px
yc = 5.503 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 997764.669
Standard deviation: 64.88434
R^2: 0.99636
Parameters:
a = 119.62092
b = 7226.11147
c = 15.19337
d = 0.37156

Bead 202

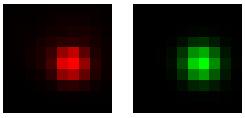
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

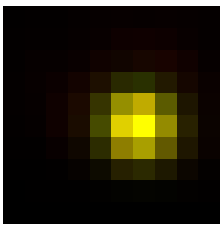
Coordinates : 11.8 um (x), -11.9 um (y), 15.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	290 nm	296 nm	190 nm
max	304 nm	310 nm	190 nm
z	842 nm	844 nm	642 nm
Asymmetry	0.955		
Theta	-20.4°		

XY profile & fitting parameters :

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

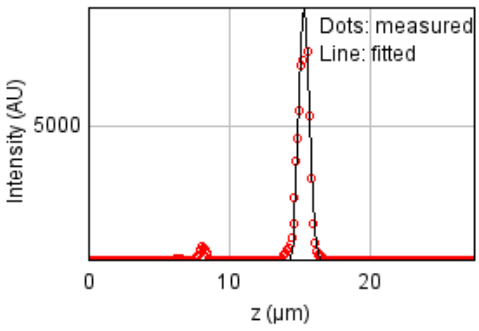




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.986

Parameters:
A = 10437.880 (brightness)
B = 338.542 (background)
a = 0.409 px
b = -0.013 px
c = 0.438 px
xc = 5.752 px
yc = 4.952 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 11328618.8
Standard deviation: 218.63229
R^2: 0.97499
Parameters:
a = 147.61499
b = 9351.17461
c = 15.40529
d = 0.35760

Bead 203

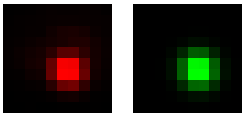
Date : Thu Jul 14 17:33:39 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

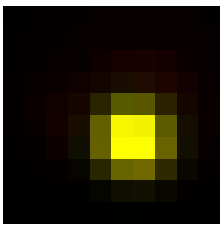
Coordinates : -8.99 um (x), -14.3 um (y), 15.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	283 nm	289 nm	190 nm
z	880 nm	882 nm	642 nm
Asymmetry	0.976		
Theta	-43.9°		

XY profile & fitting parameters :

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

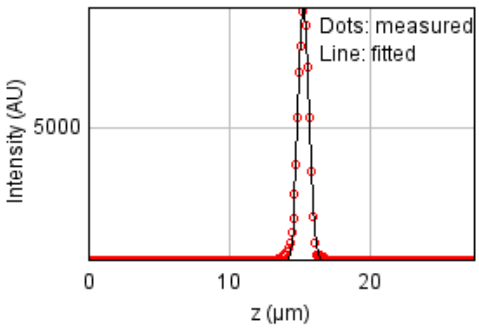




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 11137.078 (brightness)
B = 337.470 (background)
a = 0.479 px
b = -0.012 px
c = 0.480 px
xc = 5.495 px
yc = 5.548 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2189788.38
Standard deviation: 96.12291
R^2: 0.99545
Parameters:
a = 123.48659
b = 9511.24982
c = 15.36463
d = 0.37357

Bead 204

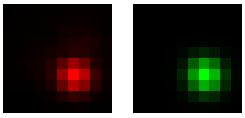
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

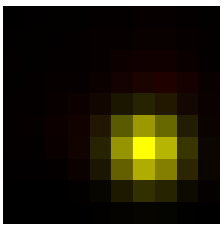
Coordinates : 33.8 um (x), 7.42 um (y), 15.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	294 nm	300 nm	190 nm
z	807 nm	809 nm	642 nm
Asymmetry	0.959		
Theta	-36.5°		

XY profile & fitting parameters :

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

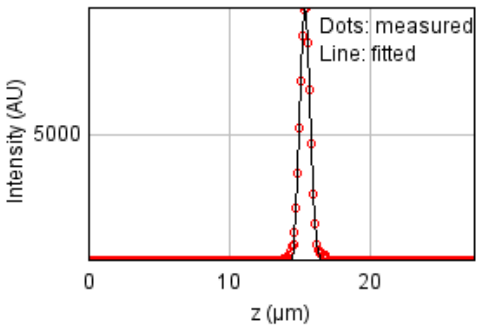




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.986

Parameters:
A = 9593.560 (brightness)
B = 360.556 (background)
a = 0.446 px
b = -0.018 px
c = 0.457 px
xc = 6.119 px
yc = 6.075 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1057089.75
Standard deviation: 66.78543
R^2: 0.99783
Parameters:
a = 125.55899
b = 9985.84441
c = 15.46673
d = 0.34263

Bead 205

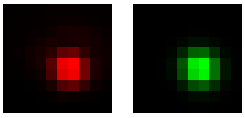
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

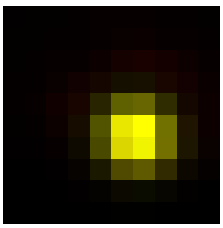
Coordinates : -5.38 um (x), -979 nm (y), 15.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	289 nm	295 nm	190 nm
z	886 nm	888 nm	642 nm
Asymmetry	0.953		
Theta	-27.8°		

XY profile & fitting parameters :

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

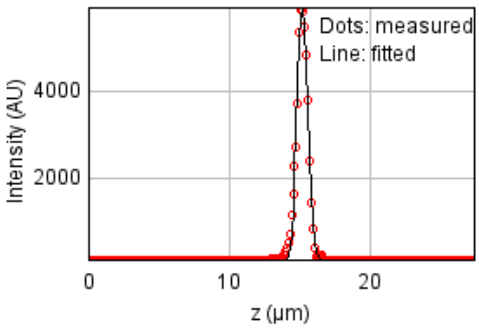




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 7010.322 (brightness)
B = 255.257 (background)
a = 0.458 px
b = -0.019 px
c = 0.483 px
xc = 5.629 px
yc = 5.438 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1258760.29
Standard deviation: 72.87815
R^2: 0.99326
Parameters:
a = 122.68435
b = 5944.04893
c = 15.28038
d = 0.37643

Bead 206

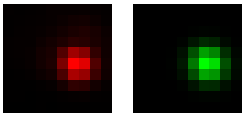
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

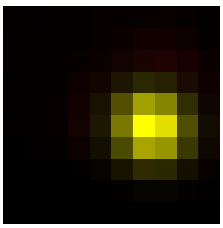
Coordinates : 24.3 um (x), -4.64 um (y), 15.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	295 nm	301 nm	190 nm
z	802 nm	804 nm	642 nm
Asymmetry	0.951		
Theta	-39.9°		

XY profile & fitting parameters :

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

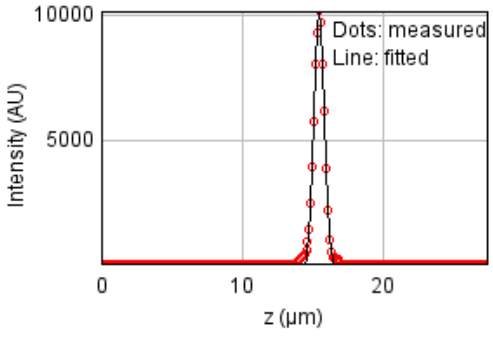




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 10381.545 (brightness)
B = 332.877 (background)
a = 0.448 px
b = -0.022 px
c = 0.456 px
xc = 6.343 px
yc = 5.030 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1223182.66
Standard deviation: 71.84085
R^2: 0.99755
Parameters:
a = 127.95104
b = 10125.8443
c = 15.54485
d = 0.34062

Bead 207

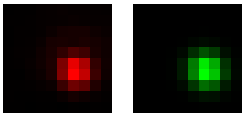
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

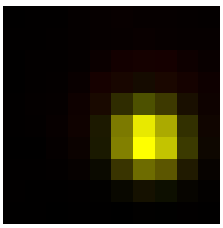
Coordinates : -44.8 um (x), 16.6 um (y), 15.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	286 nm	292 nm	190 nm
z	856 nm	858 nm	642 nm
Asymmetry	0.955		
Theta	-44.3°		

XY profile & fitting parameters :

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

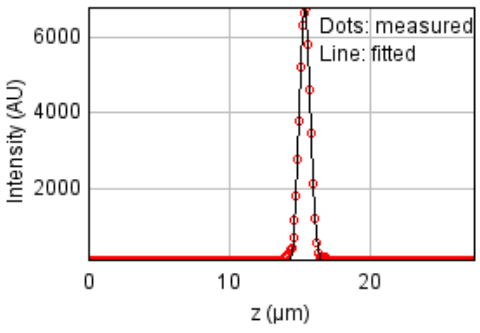




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 7019.116 (brightness)
B = 245.098 (background)
a = 0.479 px
b = -0.022 px
c = 0.480 px
xc = 6.202 px
yc = 5.609 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 440064.378
Standard deviation: 43.09074
R^2: 0.99814
Parameters:
a = 117.26045
b = 6798.11777
c = 15.45662
d = 0.36354

Bead 208

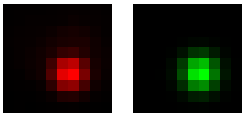
Date : Thu Jul 14 17:33:40 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

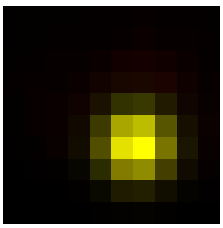
Coordinates : 190 nm (x), 10.7 um (y), 15.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	287 nm	293 nm	190 nm
z	861 nm	863 nm	642 nm
Asymmetry	0.991		
Theta	-87.6°		

XY profile & fitting parameters :

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

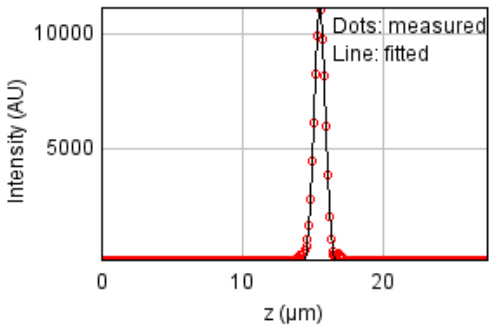




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 11798.849 (brightness)
B = 379.198 (background)
a = 0.462 px
b = -0.000 px
c = 0.454 px
xc = 5.641 px
yc = 5.837 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1437726.74
Standard deviation: 77.88683
R^2: 0.99782
Parameters:
a = 127.97803
b = 11241.2484
c = 15.58954
d = 0.36571

Bead 209

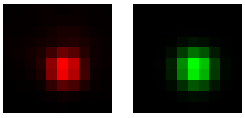
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

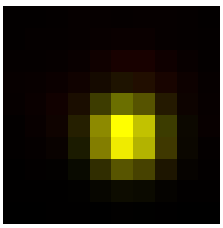
Coordinates : 718 nm (x), 6.8 um (y), 15.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	289 nm	295 nm	190 nm
z	846 nm	848 nm	642 nm
Asymmetry	0.98		
Theta	-15.1°		

XY profile & fitting parameters :

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

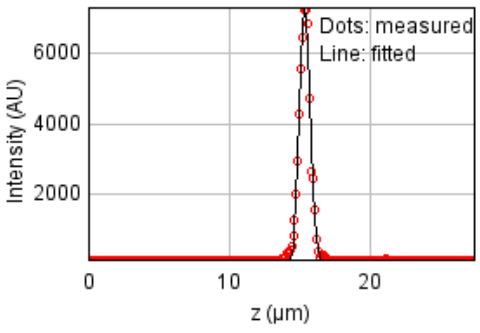




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 8247.820 (brightness)
B = 288.720 (background)
a = 0.447 px
b = -0.005 px
c = 0.463 px
xc = 5.192 px
yc = 5.407 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1847233.45
Standard deviation: 88.28496
R^2: 0.99323
Parameters:
a = 127.73601
b = 7320.55783
c = 15.45184
d = 0.35927

Bead 210

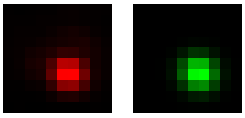
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

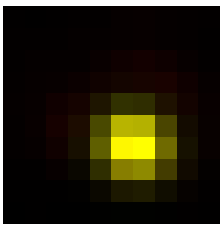
Coordinates : 13.3 um (x), 6.4 um (y), 15.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	289 nm	295 nm	190 nm
z	862 nm	864 nm	642 nm
Asymmetry	0.937		
Theta	-28.2°		

XY profile & fitting parameters :

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

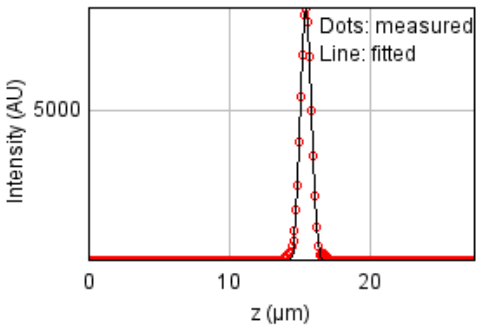




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 9053.772 (brightness)
B = 317.631 (background)
a = 0.460 px
b = -0.026 px
c = 0.494 px
xc = 5.531 px
yc = 5.849 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 699825.090
Standard deviation: 54.34012
R^2: 0.99806
Parameters:
a = 121.42527
b = 8329.83649
c = 15.52676
d = 0.36622

Bead 211

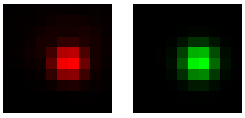
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

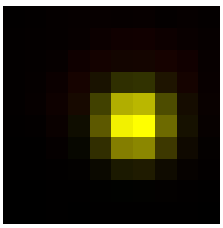
Coordinates : -43.3 um (x), -14.7 um (y), 15.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	282 nm	288 nm	190 nm
z	865 nm	867 nm	642 nm
Asymmetry	0.98		
Theta	-10.2°		

XY profile & fitting parameters :

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

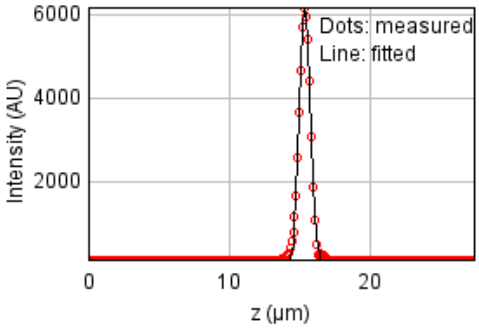




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 6586.018 (brightness)
B = 232.519 (background)
a = 0.469 px
b = -0.003 px
c = 0.487 px
xc = 5.562 px
yc = 4.840 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 553266.758
Standard deviation: 48.31624
R^2: 0.99719
Parameters:
a = 118.66566
b = 6175.14923
c = 15.45344
d = 0.36737

Bead 212

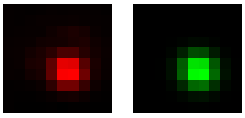
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

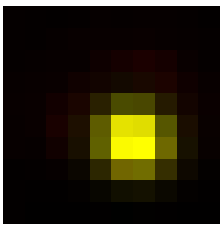
Coordinates : 12.1 um (x), -3.44 um (y), 15.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	287 nm	294 nm	190 nm
z	881 nm	883 nm	642 nm
Asymmetry	0.942		
Theta	-23.9°		

XY profile & fitting parameters :

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

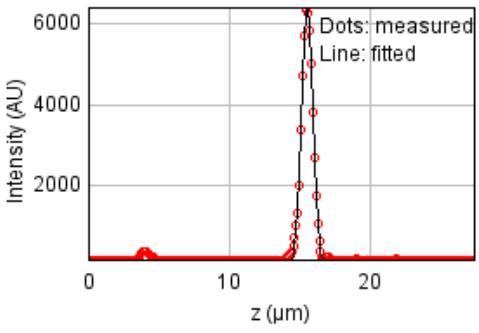




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 7184.744 (brightness)
B = 289.998 (background)
a = 0.461 px
b = -0.021 px
c = 0.499 px
xc = 5.507 px
yc = 5.624 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 833408.316
Standard deviation: 59.30001
R^2: 0.99616
Parameters:
a = 138.10962
b = 6439.09665
c = 15.62320
d = 0.37400

Bead 213

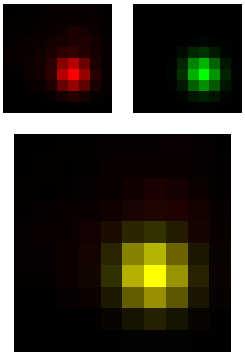
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 35.1 um (x), -23.4 um (y), 15.6 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	853 nm	854 nm	642 nm
Asymmetry	0.946		
Theta	-43.8°		

XY profile & fitting parameters :

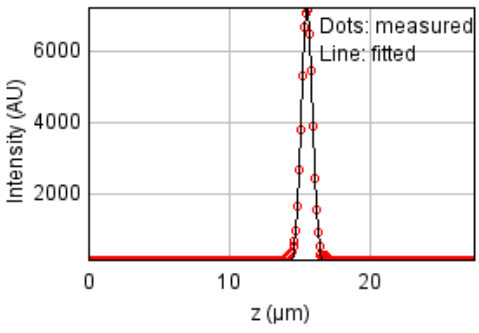
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 6934.833 (brightness)
B = 312.446 (background)
a = 0.462 px
b = -0.026 px
c = 0.464 px
xc = 5.900 px
yc = 5.870 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 424065.985
Standard deviation: 42.30021
R^2: 0.99846
Parameters:
a = 117.67198
b = 7336.80909
c = 15.59952
d = 0.36208

Bead 214

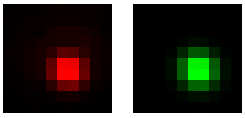
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

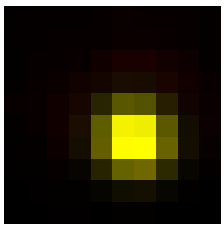
Coordinates : -17.3 um (x), 12.1 um (y), 15.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	271 nm	277 nm	190 nm
max	281 nm	287 nm	190 nm
z	893 nm	895 nm	642 nm
Asymmetry	0.964		
Theta	-41.4°		

XY profile & fitting parameters :

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

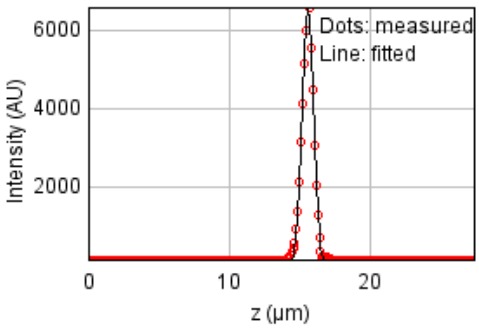




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 8017.459 (brightness)
B = 275.071 (background)
a = 0.488 px
b = -0.018 px
c = 0.492 px
xc = 5.499 px
yc = 5.558 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 553960.705
Standard deviation: 48.34653
R^2: 0.99759
Parameters:
a = 118.41277
b = 6569.06267
c = 15.66759
d = 0.37903

Bead 215

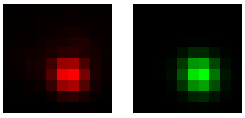
Date : Thu Jul 14 17:33:41 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

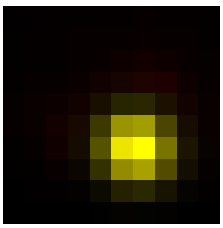
Coordinates : 16.8 um (x), -16.0 um (y), 15.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	291 nm	298 nm	190 nm
z	852 nm	854 nm	642 nm
Asymmetry	0.954		
Theta	-32.2°		

XY profile & fitting parameters :

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

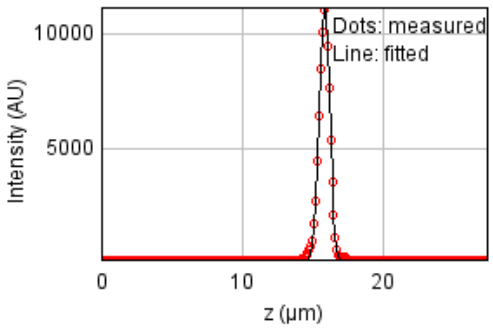




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 11652.825 (brightness)
B = 395.744 (background)
a = 0.452 px
b = -0.019 px
c = 0.471 px
xc = 5.621 px
yc = 5.993 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 863174.280
Standard deviation: 60.34969
R^2: 0.99867
Parameters:
a = 124.97820
b = 11208.7761
c = 15.92316
d = 0.36198

Bead 216

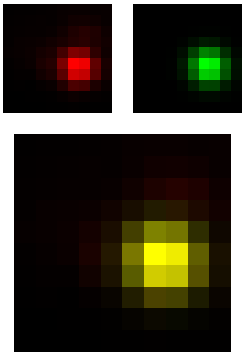
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 36.1 um (x), 16.7 um (y), 16.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	286 nm	292 nm	190 nm
max	300 nm	306 nm	190 nm
z	802 nm	804 nm	642 nm
Asymmetry	0.953		
Theta	-22.4°		

XY profile & fitting parameters :

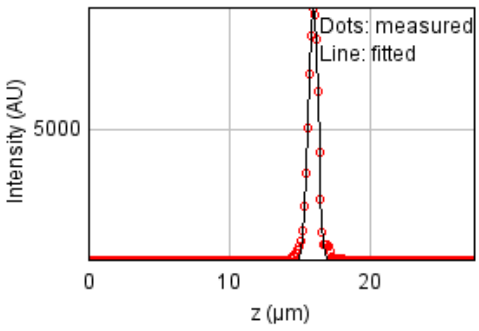
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 10131.006 (brightness)
B = 380.697 (background)
a = 0.421 px
b = -0.015 px
c = 0.451 px
xc = 6.415 px
yc = 5.262 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1935090.47
Standard deviation: 90.36005
R^2: 0.99567
Parameters:
a = 127.99791
b = 9585.23354
c = 16.04002
d = 0.34075

Bead 217

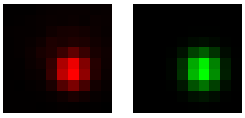
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

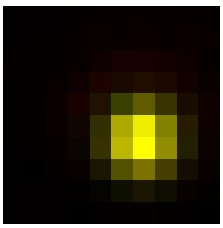
Coordinates : -53.0 um (x), -532 nm (y), 15.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	291 nm	297 nm	190 nm
z	836 nm	838 nm	642 nm
Asymmetry	0.967		
Theta	-87.9°		

XY profile & fitting parameters :

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

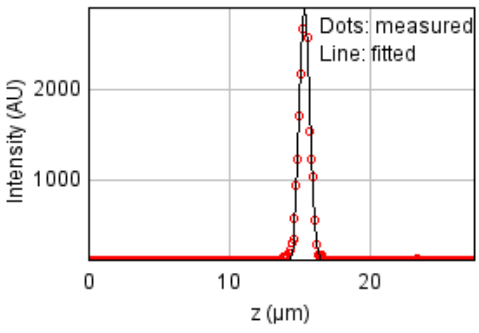




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 3046.264 (brightness)
B = 176.836 (background)
a = 0.471 px
b = -0.001 px
c = 0.441 px
xc = 5.863 px
yc = 5.586 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 320355.071
Standard deviation: 36.76560
R^2: 0.99218
Parameters:
a = 114.77067
b = 2916.00731
c = 15.43792
d = 0.35508

Bead 218

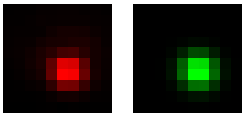
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

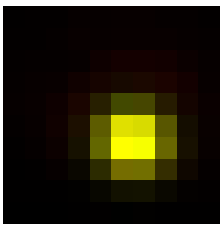
Coordinates : -10.8 um (x), -9.12 um (y), 16.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	287 nm	293 nm	190 nm
z	917 nm	919 nm	642 nm
Asymmetry	0.958		
Theta	-15.5°		

XY profile & fitting parameters :

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

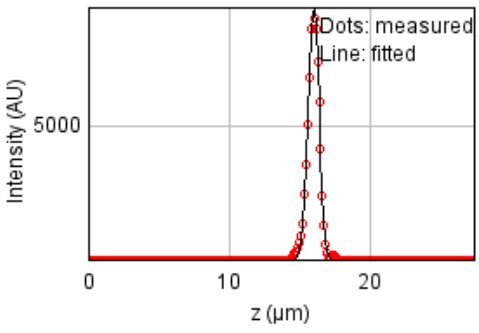




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 10419.920 (brightness)
B = 356.691 (background)
a = 0.457 px
b = -0.010 px
c = 0.491 px
xc = 5.488 px
yc = 5.645 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1135231.08
Standard deviation: 69.20986
R^2: 0.99764
Parameters:
a = 125.95668
b = 9329.38109
c = 16.07764
d = 0.38955

Bead 219

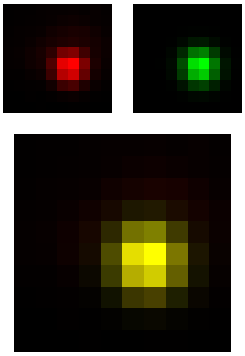
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -14.4 um (x), -9.89 um (y), 16.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	288 nm	294 nm	190 nm
z	993 nm	995 nm	642 nm
Asymmetry	0.979		
Theta	-44.5°		

XY profile & fitting parameters :

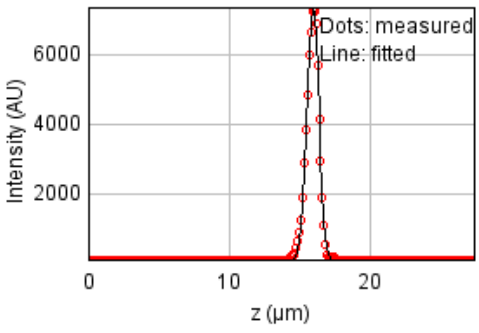
(red : the orignal data, green : the fit, yellow : the two merged)



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 = 9407.243 (brightness)
B = 315.833 (background)
a = 0.461 px
b = -0.010 px
c = 0.461 px
xc = 5.661 px
yc = 5.245 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1010674.42
Standard deviation: 65.30275
R^2: 0.99686
Parameters:
a = 118.10686
b = 7371.29207
c = 16.02784
d = 0.42161

Bead 220

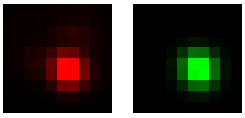
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

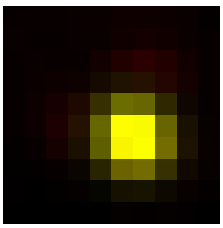
Coordinates : 41.6 um (x), 22.4 um (y), 16.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	298 nm	305 nm	190 nm
z	1.04 um	1.04 um	642 nm
Asymmetry	0.94		
Theta	-52.7°		

XY profile & fitting parameters :

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

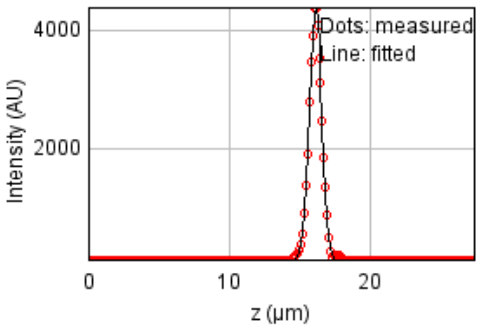




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 5133.361 (brightness)
B = 274.244 (background)
a = 0.455 px
b = -0.027 px
c = 0.440 px
xc = 5.518 px
yc = 5.494 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 180694.741
Standard deviation: 27.61205
R^2: 0.99845
Parameters:
a = 114.29954
b = 4384.81284
c = 16.21699
d = 0.44272

Bead 221

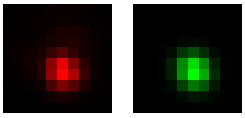
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

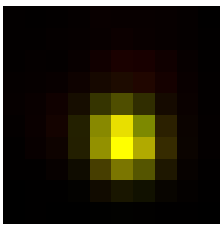
Coordinates : 27.6 um (x), 11.3 um (y), 16.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	275 nm	190 nm
max	295 nm	301 nm	190 nm
z	869 nm	871 nm	642 nm
Asymmetry	0.914		
Theta	-56.6°		

XY profile & fitting parameters :

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

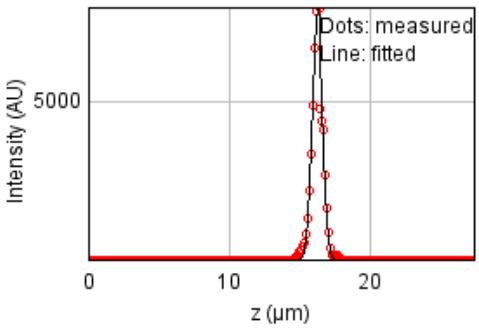




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 8834.196 (brightness)
B = 332.935 (background)
a = 0.488 px
b = -0.039 px
c = 0.454 px
xc = 5.054 px
yc = 5.655 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 5286588.01
Standard deviation: 149.35287
R^2: 0.98392
Parameters:
a = 123.16251
b = 7883.13140
c = 16.34777
d = 0.36896

Bead 222

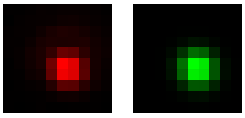
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

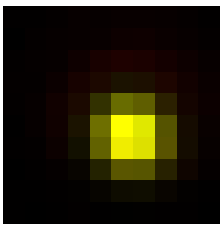
Coordinates : -44.7 um (x), 19.9 um (y), 16.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	289 nm	295 nm	190 nm
z	941 nm	943 nm	642 nm
Asymmetry	0.954		
Theta	-43.6°		

XY profile & fitting parameters :

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

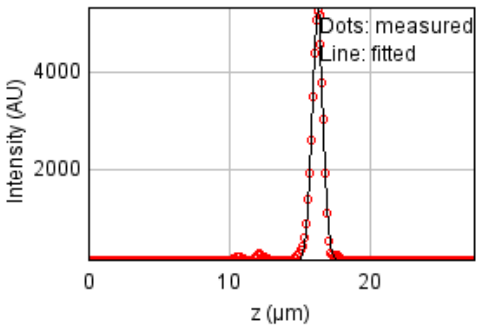




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 6181.326 (brightness)
B = 273.514 (background)
a = 0.467 px
b = -0.022 px
c = 0.470 px
xc = 5.415 px
yc = 5.438 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 622111.419
Standard deviation: 51.23419
R^2: 0.99607
Parameters:
a = 127.44215
b = 5345.86148
c = 16.36246
d = 0.39946

Bead 223

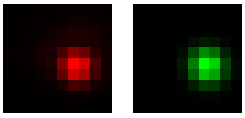
Date : Thu Jul 14 17:33:42 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

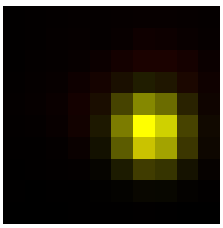
Coordinates : -12.6 um (x), 18.5 um (y), 16.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	290 nm	296 nm	190 nm
z	789 nm	790 nm	642 nm
Asymmetry	0.969		
Theta	-55.9°		

XY profile & fitting parameters :

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

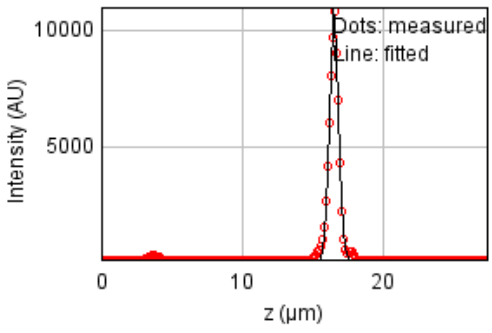




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 11296.267 (brightness)
B = 364.328 (background)
a = 0.465 px
b = -0.014 px
c = 0.454 px
xc = 6.288 px
yc = 5.208 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3118913.75
Standard deviation: 114.71693
R^2: 0.99461
Parameters:
a = 150.49566
b = 10988.5827
c = 16.60206
d = 0.33495

Bead 224

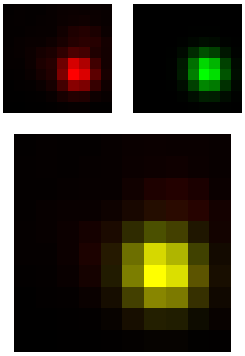
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 55.0 um (x), 12.3 um (y), 16.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	299 nm	190 nm
max	308 nm	314 nm	190 nm
z	901 nm	903 nm	642 nm
Asymmetry	0.951		
Theta	-53.2°		

XY profile & fitting parameters :

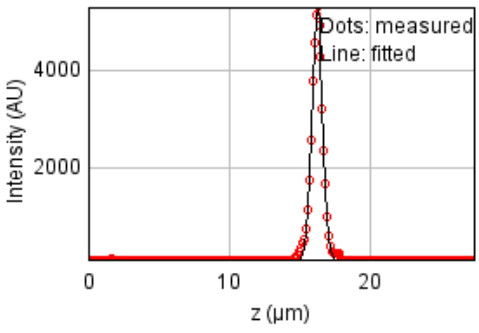
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 5338.984 (brightness)
B = 289.197 (background)
a = 0.421 px
b = -0.020 px
c = 0.409 px
xc = 6.324 px
yc = 5.725 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 389111.485
Standard deviation: 40.51939
R^2: 0.99741
Parameters:
a = 120.94949
b = 5310.03512
c = 16.33506
d = 0.38271

Bead 225

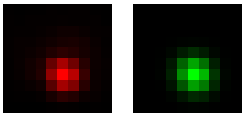
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

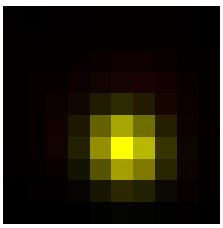
Coordinates : -1.03 um (x), 23.0 um (y), 16.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	282 nm	190 nm
max	295 nm	302 nm	190 nm
z	781 nm	783 nm	642 nm
Asymmetry	0.936		
Theta	-46.0°		

XY profile & fitting parameters :

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

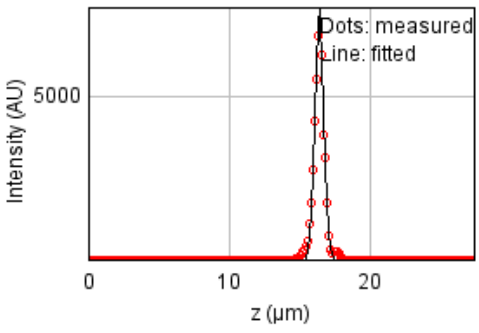




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.990

Parameters:
A = 7562.660 (brightness)
B = 278.564 (background)
a = 0.459 px
b = -0.030 px
c = 0.457 px
xc = 5.133 px
yc = 5.986 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1970544.25
Standard deviation: 91.18406
R^2: 0.99290
Parameters:
a = 128.59476
b = 7664.73046
c = 16.48165
d = 0.33169

Bead 226

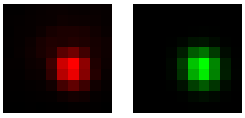
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

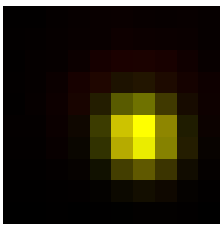
Coordinates : -45.6 um (x), -626 nm (y), 16.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	280 nm	286 nm	190 nm
max	296 nm	302 nm	190 nm
z	958 nm	960 nm	642 nm
Asymmetry	0.947		
Theta	-52.7°		

XY profile & fitting parameters :

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

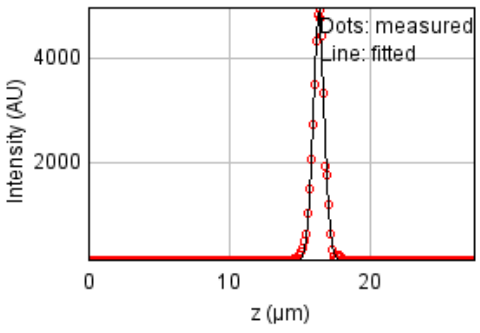




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.983

Parameters:
A = 5646.058 (brightness)
B = 251.749 (background)
a = 0.457 px
b = -0.024 px
c = 0.444 px
xc = 5.817 px
yc = 5.398 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 687314.210
Standard deviation: 53.85220
R^2: 0.99508
Parameters:
a = 117.61416
b = 4977.08869
c = 16.44484
d = 0.40686

Bead 227

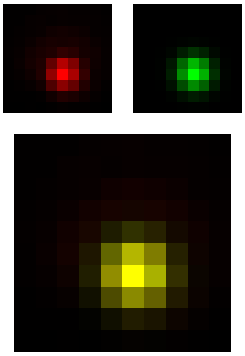
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -36.8 um (x), -3.58 um (y), 16.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	282 nm	190 nm
max	280 nm	286 nm	190 nm
z	863 nm	865 nm	642 nm
Asymmetry	0.987		
Theta	-46.5°		

XY profile & fitting parameters :

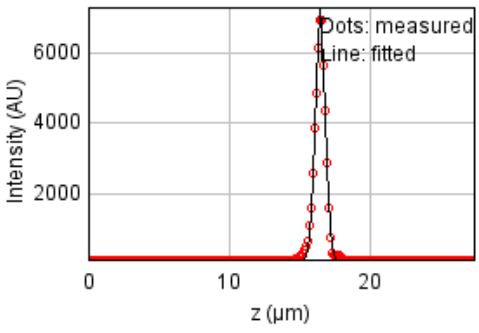
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 7127.248 (brightness)
B = 286.213 (background)
a = 0.482 px
b = -0.006 px
c = 0.481 px
xc = 5.114 px
yc = 5.857 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 902541.220
Standard deviation: 61.71054
R^2: 0.99674
Parameters:
a = 119.52177
b = 7306.84634
c = 16.55035
d = 0.36643

Bead 228

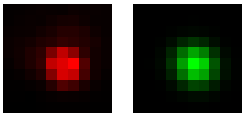
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

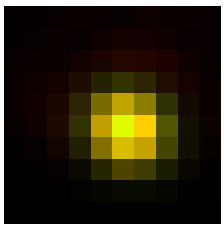
Coordinates : 10.2 um (x), -3.72 um (y), 16.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	310 nm	317 nm	190 nm
max	337 nm	344 nm	190 nm
z	1.1 um	1.1 um	642 nm
Asymmetry	0.92		
Theta	-33.7°		

XY profile & fitting parameters :

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

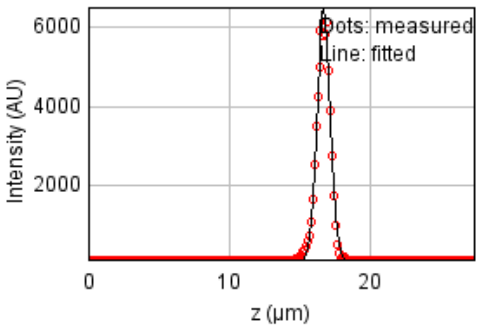




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 7211.478 (brightness)
B = 303.078 (background)
a = 0.347 px
b = -0.028 px
c = 0.370 px
xc = 5.204 px
yc = 5.109 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1860682.31
Standard deviation: 88.60576
R^2: 0.99325
Parameters:
a = 118.12407
b = 6514.20255
c = 16.78359
d = 0.46581

Bead 229

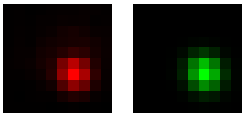
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

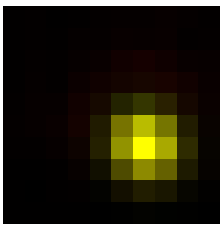
Coordinates : -28.8 um (x), 15.2 um (y), 16.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	272 nm	278 nm	190 nm
max	291 nm	297 nm	190 nm
z	841 nm	843 nm	642 nm
Asymmetry	0.935		
Theta	-53.6°		

XY profile & fitting parameters :

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

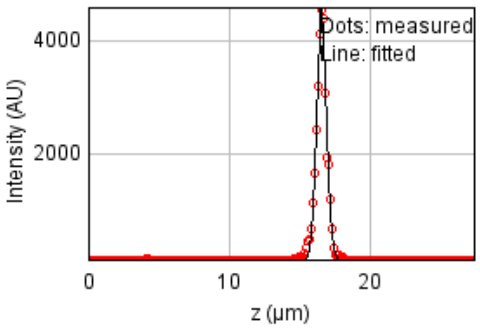




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.987

Parameters:
A = 4568.363 (brightness)
B = 215.857 (background)
a = 0.482 px
b = -0.030 px
c = 0.463 px
xc = 6.062 px
yc = 5.839 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 780233.457
Standard deviation: 57.37704
R^2: 0.99271
Parameters:
a = 119.87040
b = 4637.04150
c = 16.63956
d = 0.35722

Bead 230

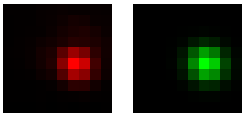
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

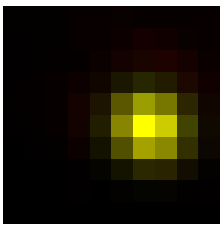
Coordinates : -1.94 um (x), -4.3 um (y), 17.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	296 nm	303 nm	190 nm
z	825 nm	827 nm	642 nm
Asymmetry	0.936		
Theta	-29.2°		

XY profile & fitting parameters :

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

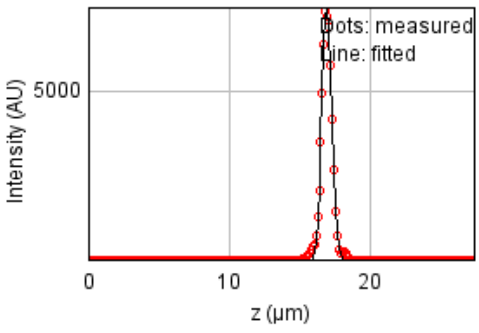




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 7069.956 (brightness)
B = 273.935 (background)
a = 0.439 px
b = -0.026 px
c = 0.471 px
xc = 6.241 px
yc = 5.028 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 769905.452
Standard deviation: 56.99602
R^2: 0.99722
Parameters:
a = 124.41622
b = 7475.01823
c = 17.01889
d = 0.35026

Bead 231

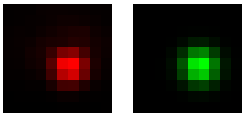
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

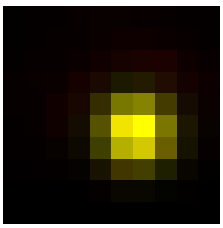
Coordinates : 6.22 um (x), -18.6 um (y), 17.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	291 nm	298 nm	190 nm
z	1.07 um	1.07 um	642 nm
Asymmetry	0.974		
Theta	-30.1°		

XY profile & fitting parameters :

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

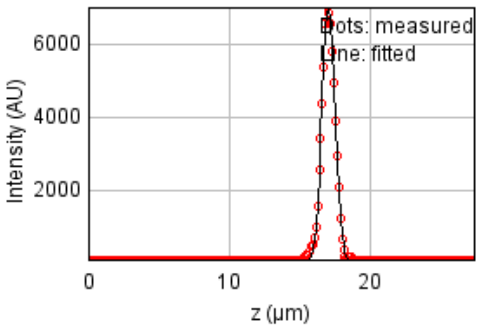




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.986

Parameters:
A = 8847.661 (brightness)
B = 330.314 (background)
a = 0.445 px
b = -0.010 px
c = 0.457 px
xc = 5.636 px
yc = 5.229 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 446219.089
Standard deviation: 43.39102
R^2: 0.99856
Parameters:
a = 118.95865
b = 6996.14947
c = 17.13432
d = 0.45460

Bead 232

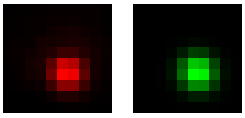
Date : Thu Jul 14 17:33:43 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

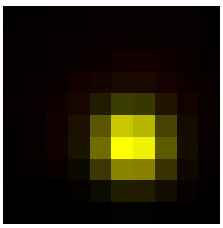
Coordinates : -25.2 um (x), -20.0 um (y), 17.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	291 nm	297 nm	190 nm
z	914 nm	916 nm	642 nm
Asymmetry	0.968		
Theta	-46.2°		

XY profile & fitting parameters :

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

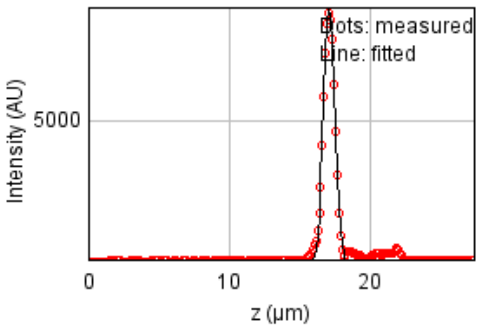




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.989

Parameters:
A = 10073.428 (brightness)
B = 373.744 (background)
a = 0.457 px
b = -0.015 px
c = 0.456 px
xc = 5.429 px
yc = 5.797 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3550065.22
Standard deviation: 122.38945
R^2: 0.99195
Parameters:
a = 169.17081
b = 8980.11482
c = 17.18175
d = 0.38835

Bead 233

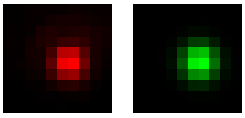
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

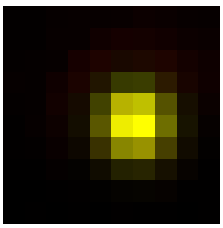
Coordinates : -51.6 um (x), -24.5 um (y), 17.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	297 nm	303 nm	190 nm
z	953 nm	955 nm	642 nm
Asymmetry	0.958		
Theta	-84.9°		

XY profile & fitting parameters :

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

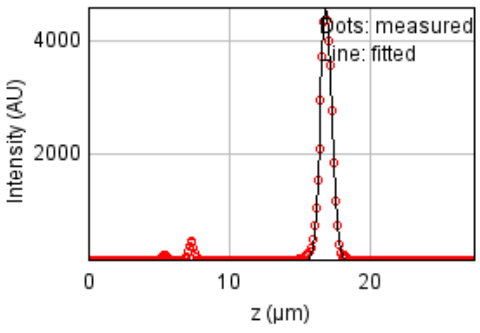




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 4846.310 (brightness)
B = 237.353 (background)
a = 0.462 px
b = -0.003 px
c = 0.424 px
xc = 5.583 px
yc = 4.838 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 691179.221
Standard deviation: 54.00341
R^2: 0.99416
Parameters:
a = 125.54243
b = 4605.95860
c = 16.96763
d = 0.40478

Bead 234

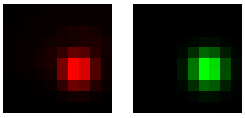
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

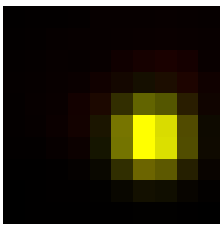
Coordinates : -7.27 um (x), -24.7 um (y), 17.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	284 nm	291 nm	190 nm
z	937 nm	939 nm	642 nm
Asymmetry	0.991		
Theta	-37.3°		

XY profile & fitting parameters :

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

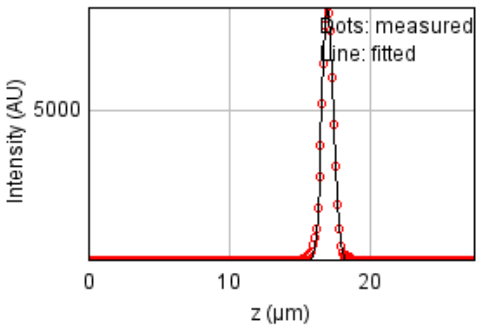




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.988

Parameters:
A = 9551.875 (brightness)
B = 329.290 (background)
a = 0.464 px
b = -0.004 px
c = 0.466 px
xc = 6.346 px
yc = 5.506 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 796836.474
Standard deviation: 57.98430
R^2: 0.99798
Parameters:
a = 122.82155
b = 8376.36545
c = 17.07936
d = 0.39805

Bead 235

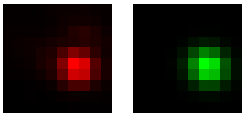
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

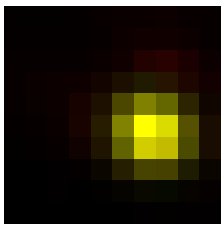
Coordinates : 38.8 um (x), -21.8 um (y), 17.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	281 nm	287 nm	190 nm
max	306 nm	312 nm	190 nm
z	1.03 um	1.03 um	642 nm
Asymmetry	0.919		
Theta	-30.4°		

XY profile & fitting parameters :

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

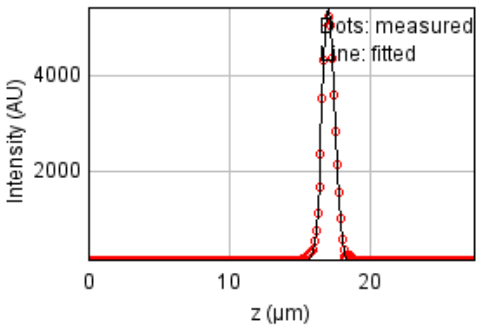




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 6577.263 (brightness)
B = 300.804 (background)
a = 0.418 px
b = -0.032 px
c = 0.454 px
xc = 6.334 px
yc = 5.282 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 364521.667
Standard deviation: 39.21819
R^2: 0.99798
Parameters:
a = 114.64802
b = 5473.67360
c = 17.12904
d = 0.43580

Bead 236

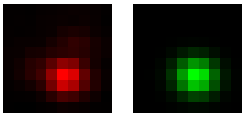
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

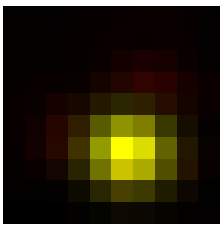
Coordinates : 54.7 um (x), 25.3 um (y), 17.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	300 nm	307 nm	190 nm
max	338 nm	346 nm	190 nm
z	978 nm	980 nm	642 nm
Asymmetry	0.887		
Theta	-6.8°		

XY profile & fitting parameters :

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

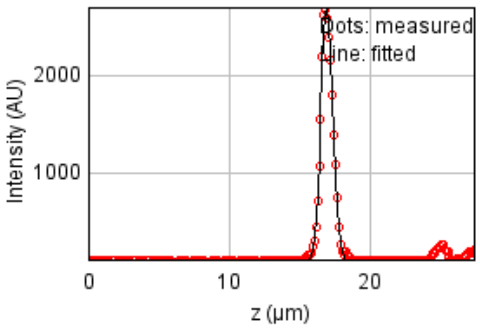




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.968

Parameters:
A = 2822.065 (brightness)
B = 217.544 (background)
a = 0.327 px
b = -0.010 px
c = 0.412 px
xc = 5.277 px
yc = 6.168 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 442388.305
Standard deviation: 43.20437
R^2: 0.98900
Parameters:
a = 122.64230
b = 2695.99706
c = 17.02120
d = 0.41534

Bead 237

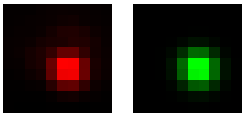
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

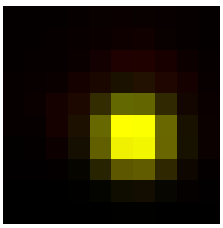
Coordinates : -2.96 um (x), 5.75 um (y), 17.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	290 nm	296 nm	190 nm
z	1.01 um	1.01 um	642 nm
Asymmetry	0.96		
Theta	-25.4°		

XY profile & fitting parameters :

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

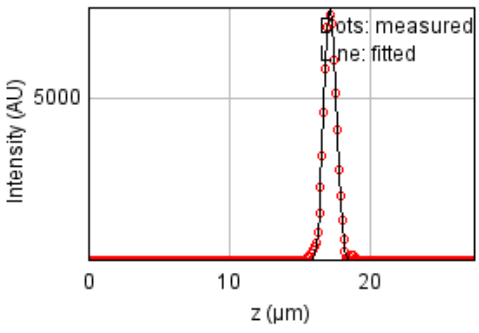




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 9267.145 (brightness)
B = 355.286 (background)
a = 0.452 px
b = -0.015 px
c = 0.476 px
xc = 5.509 px
yc = 5.451 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 740997.747
Standard deviation: 55.91576
R^2: 0.99796
Parameters:
a = 125.11981
b = 7784.14109
c = 17.25049
d = 0.42849

Bead 238

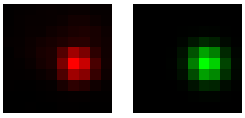
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

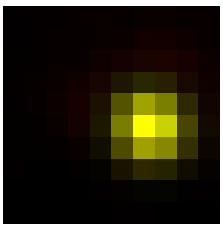
Coordinates : 9.43 um (x), -14.4 um (y), 17.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	291 nm	297 nm	190 nm
z	855 nm	857 nm	642 nm
Asymmetry	0.954		
Theta	-41.0°		

XY profile & fitting parameters :

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

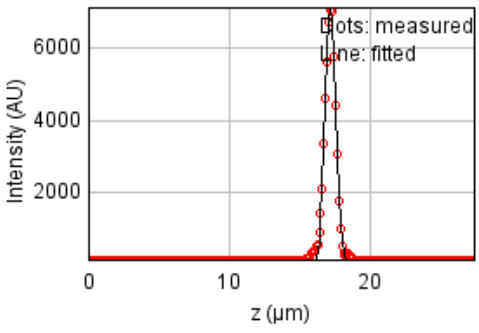




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.983

Parameters:
A = 6864.747 (brightness)
B = 287.255 (background)
a = 0.458 px
b = -0.021 px
c = 0.464 px
xc = 6.281 px
yc = 5.004 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 852456.995
Standard deviation: 59.97387
R^2: 0.99673
Parameters:
a = 125.58640
b = 7131.22055
c = 17.27428
d = 0.36307

Bead 239

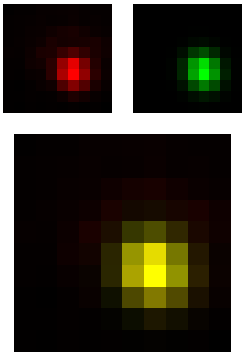
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -41.2 um (x), 5.96 um (y), 17.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	269 nm	274 nm	190 nm
max	292 nm	298 nm	190 nm
z	918 nm	920 nm	642 nm
Asymmetry	0.92		
Theta	-65.6°		

XY profile & fitting parameters :

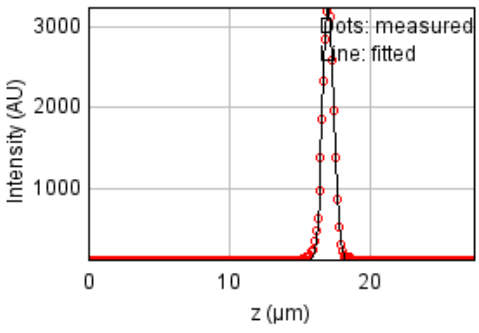
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 3221.993 (brightness)
B = 219.058 (background)
a = 0.504 px
b = -0.030 px
c = 0.451 px
xc = 5.928 px
yc = 5.663 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 157067.838
Standard deviation: 25.74361
R^2: 0.99720
Parameters:
a = 114.21643
b = 3256.86565
c = 17.11829
d = 0.38994

Bead 240

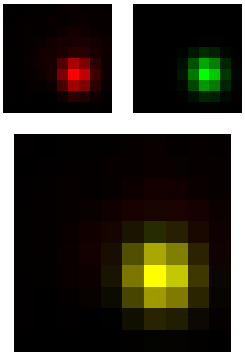
Date : Thu Jul 14 17:33:44 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -38.5 um (x), 1.51 um (y), 17.2 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	870 nm	872 nm	642 nm
Asymmetry	0.951		
Theta	-71.8°		

XY profile & fitting parameters :

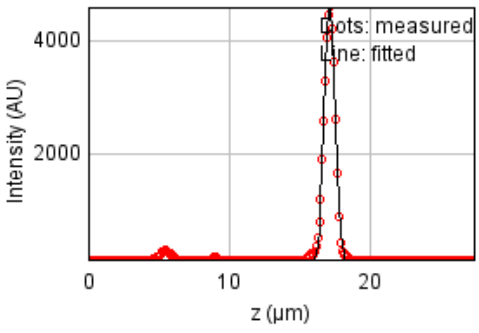
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 4384.100 (brightness)
B = 221.816 (background)
a = 0.508 px
b = -0.015 px
c = 0.468 px
xc = 6.254 px
yc = 5.962 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 677158.399
Standard deviation: 53.45286
R^2: 0.99382
Parameters:
a = 129.95199
b = 4630.35818
c = 17.22250
d = 0.36933

Bead 241

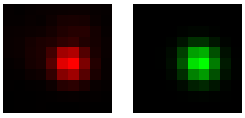
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

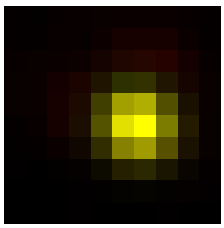
Coordinates : 37.4 um (x), -12.5 um (y), 17.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	302 nm	309 nm	190 nm
z	881 nm	883 nm	642 nm
Asymmetry	0.938		
Theta	-38.2°		

XY profile & fitting parameters :

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

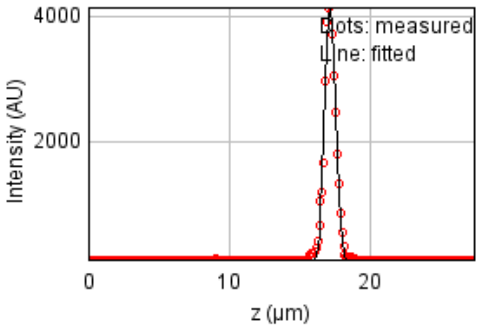




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 4150.190 (brightness)
B = 238.641 (background)
a = 0.429 px
b = -0.027 px
c = 0.442 px
xc = 5.652 px
yc = 4.915 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 704092.460
Standard deviation: 54.50554
R^2: 0.99214
Parameters:
a = 121.22039
b = 4160.60277
c = 17.25733
d = 0.37429

Bead 242

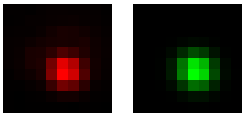
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

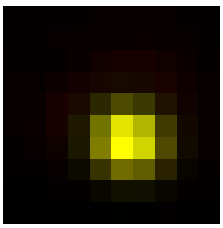
Coordinates : 2.82 um (x), -14.7 um (y), 17.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	291 nm	297 nm	190 nm
z	896 nm	898 nm	642 nm
Asymmetry	0.938		
Theta	-23.3°		

XY profile & fitting parameters :

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

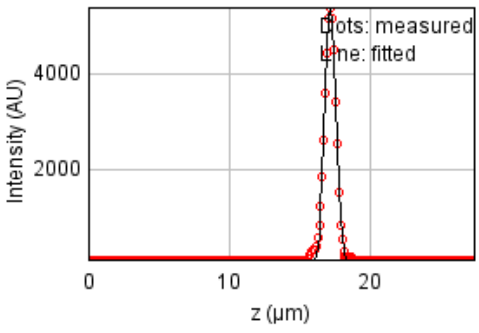




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 5651.184 (brightness)
B = 256.366 (background)
a = 0.450 px
b = -0.022 px
c = 0.491 px
xc = 5.276 px
yc = 5.634 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 385848.546
Standard deviation: 40.34914
R^2: 0.99751
Parameters:
a = 118.23760
b = 5399.42507
c = 17.27077
d = 0.38062

Bead 243

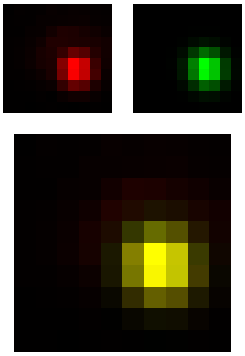
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -48.8 um (x), 5.05 um (y), 17.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	289 nm	295 nm	190 nm
z	972 nm	974 nm	642 nm
Asymmetry	0.956		
Theta	-65.3°		

XY profile & fitting parameters :

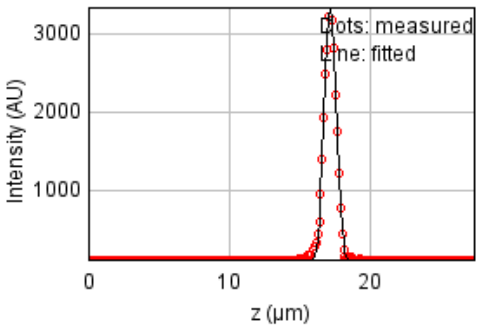
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 3688.755 (brightness)
B = 204.633 (background)
a = 0.482 px
b = -0.016 px
c = 0.455 px
xc = 6.246 px
yc = 5.466 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 118018.141
Standard deviation: 22.31517
R^2: 0.99811
Parameters:
a = 113.09312
b = 3344.44400
c = 17.26144
d = 0.41274

Bead 244

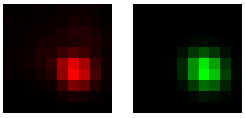
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

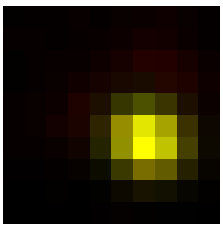
Coordinates : 41.8 um (x), 19.3 um (y), 17.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	273 nm	279 nm	190 nm
max	305 nm	312 nm	190 nm
z	979 nm	981 nm	642 nm
Asymmetry	0.895		
Theta	-28.4°		

XY profile & fitting parameters :

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

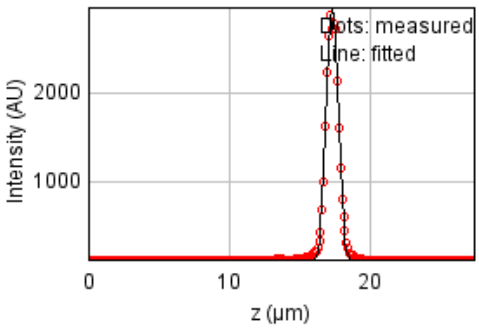




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 2736.956 (brightness)
B = 197.898 (background)
a = 0.422 px
b = -0.041 px
c = 0.476 px
xc = 6.143 px
yc = 5.619 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 262968.175
Standard deviation: 33.31021
R^2: 0.99466
Parameters:
a = 115.81065
b = 2969.92058
c = 17.40692
d = 0.41564

Bead 245

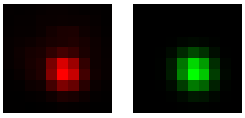
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

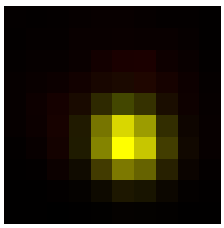
Coordinates : 14.3 um (x), -19.6 um (y), 17.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	281 nm	190 nm
max	294 nm	300 nm	190 nm
z	898 nm	900 nm	642 nm
Asymmetry	0.937		
Theta	-43.0°		

XY profile & fitting parameters :

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

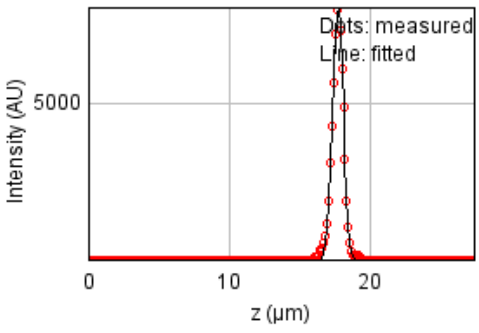




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 8252.526 (brightness)
B = 357.111 (background)
a = 0.459 px
b = -0.030 px
c = 0.464 px
xc = 5.201 px
yc = 5.703 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 879068.214
Standard deviation: 60.90278
R^2: 0.99747
Parameters:
a = 125.14119
b = 8036.30170
c = 17.81639
d = 0.38130

Bead 246

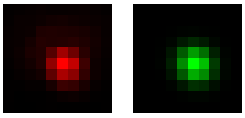
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

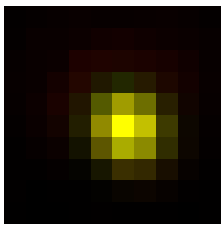
Coordinates : -41.2 um (x), -23.1 um (y), 17.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	300 nm	306 nm	190 nm
z	930 nm	932 nm	642 nm
Asymmetry	0.927		
Theta	-47.6°		

XY profile & fitting parameters :

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

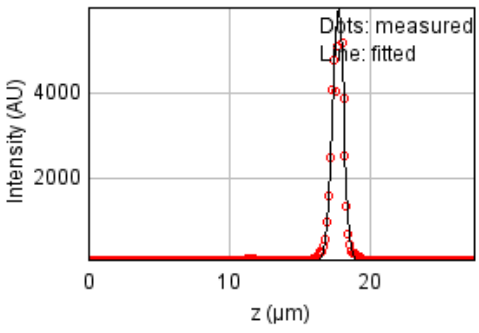




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 6179.869 (brightness)
B = 302.446 (background)
a = 0.453 px
b = -0.034 px
c = 0.447 px
xc = 5.187 px
yc = 5.066 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4361227.44
Standard deviation: 135.65325
R^2: 0.97826
Parameters:
a = 123.16218
b = 5976.44253
c = 17.82841
d = 0.39487

Bead 247

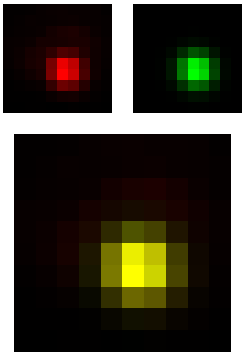
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -10.8 um (x), -24.5 um (y), 17.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	279 nm	190 nm
max	284 nm	290 nm	190 nm
z	983 nm	985 nm	642 nm
Asymmetry	0.965		
Theta	-27.3°		

XY profile & fitting parameters :

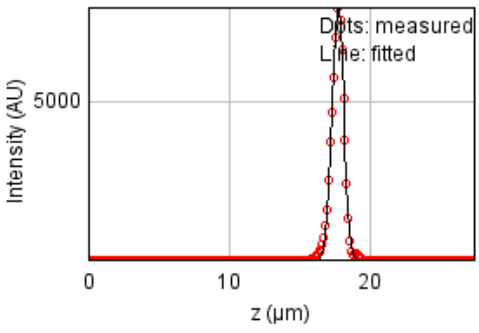
(red : the orignal data, green : the fit, yellow : the two merged)



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 = 8486.632 (brightness)
B = 350.359 (background)
a = 0.471 px
b = -0.014 px
c = 0.491 px
xc = 5.282 px
yc = 5.582 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1252438.72
Standard deviation: 72.69492
R^2: 0.99660
Parameters:
a = 123.67486
b = 7917.36048
c = 17.81546
d = 0.41746

Bead 248

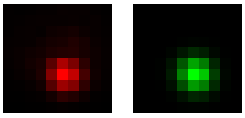
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

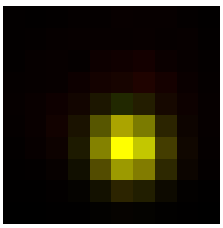
Coordinates : 8.38 um (x), -22.3 um (y), 18.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	287 nm	294 nm	190 nm
z	843 nm	845 nm	642 nm
Asymmetry	0.962		
Theta	-34.4°		

XY profile & fitting parameters :

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

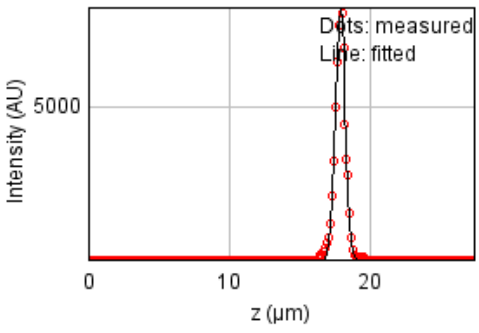




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.986

Parameters:
A = 8204.240 (brightness)
B = 335.148 (background)
a = 0.463 px
b = -0.017 px
c = 0.476 px
xc = 5.226 px
yc = 5.978 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1769999.99
Standard deviation: 86.41964
R^2: 0.99474
Parameters:
a = 124.98819
b = 8133.44471
c = 17.98710
d = 0.35800

Bead 249

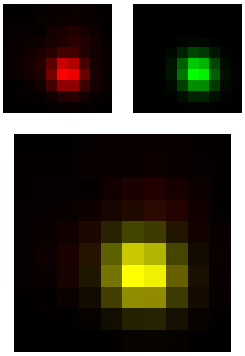
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 28.2 um (x), 23.1 um (y), 17.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	289 nm	295 nm	190 nm
max	306 nm	313 nm	190 nm
z	989 nm	991 nm	642 nm
Asymmetry	0.943		
Theta	-48.7°		

XY profile & fitting parameters :

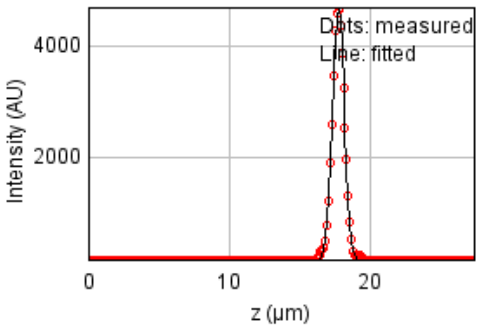
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 5143.041 (brightness)
B = 280.503 (background)
a = 0.426 px
b = -0.025 px
c = 0.420 px
xc = 5.417 px
yc = 5.811 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 224646.779
Standard deviation: 30.78761
R^2: 0.99825
Parameters:
a = 115.03539
b = 4713.71772
c = 17.85459
d = 0.42002

Bead 250

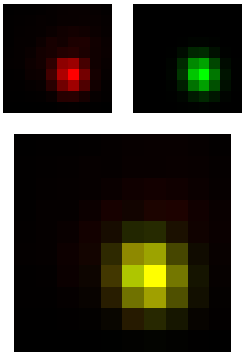
Date : Thu Jul 14 17:33:45 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -27.9 um (x), 22.2 um (y), 18.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	264 nm	270 nm	190 nm
max	292 nm	298 nm	190 nm
z	840 nm	842 nm	642 nm
Asymmetry	0.906		
Theta	-61.6°		

XY profile & fitting parameters :

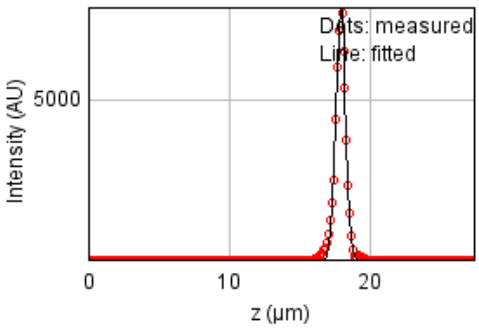
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 7623.999 (brightness)
B = 332.533 (background)
a = 0.512 px
b = -0.040 px
c = 0.460 px
xc = 5.750 px
yc = 5.966 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1132508.25
Standard deviation: 69.12681
R^2: 0.99633
Parameters:
a = 126.78302
b = 7821.49595
c = 18.01307
d = 0.35659

Bead 251

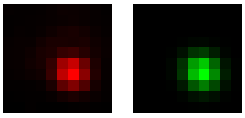
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

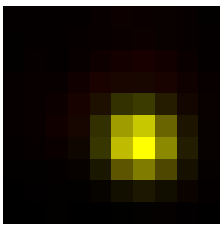
Coordinates : -8.72 um (x), -19.3 um (y), 17.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	276 nm	190 nm
max	290 nm	296 nm	190 nm
z	927 nm	929 nm	642 nm
Asymmetry	0.932		
Theta	-37.9°		

XY profile & fitting parameters :

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

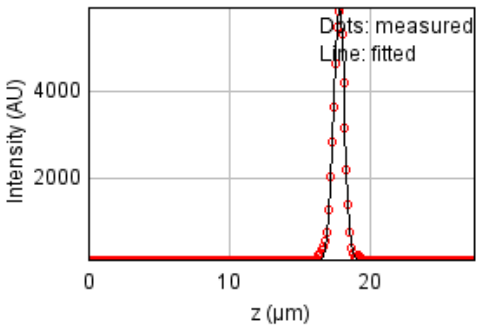




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 5819.680 (brightness)
B = 275.806 (background)
a = 0.469 px
b = -0.032 px
c = 0.486 px
xc = 5.815 px
yc = 5.742 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 441418.812
Standard deviation: 43.15700
R^2: 0.99771
Parameters:
a = 118.67494
b = 5919.91805
c = 17.88892
d = 0.39368

Bead 252

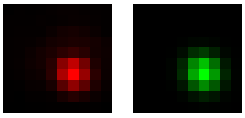
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

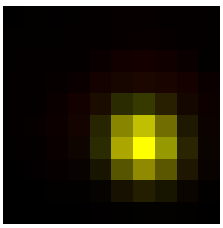
Coordinates : -22.3 um (x), 10.2 um (y), 17.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	294 nm	300 nm	190 nm
z	852 nm	854 nm	642 nm
Asymmetry	0.938		
Theta	-52.0°		

XY profile & fitting parameters :

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

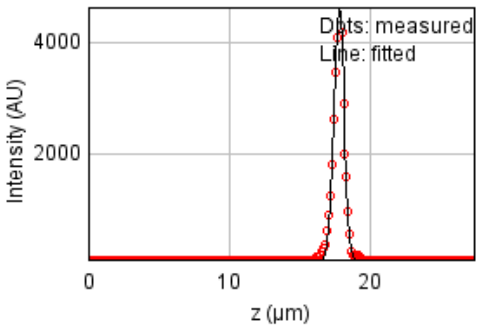




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.986

Parameters:
A = 4519.800 (brightness)
B = 225.640 (background)
a = 0.468 px
b = -0.028 px
c = 0.453 px
xc = 5.942 px
yc = 5.813 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 603092.718
Standard deviation: 50.44497
R^2: 0.99439
Parameters:
a = 120.99921
b = 4623.70253
c = 17.89193
d = 0.36187

Bead 253

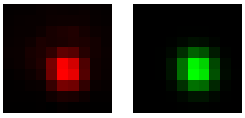
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

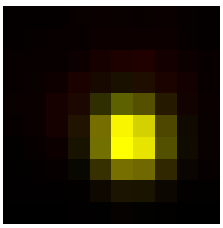
Coordinates : -25.2 um (x), 10.0 um (y), 18.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	295 nm	301 nm	190 nm
z	975 nm	978 nm	642 nm
Asymmetry	0.945		
Theta	-65.2°		

XY profile & fitting parameters :

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

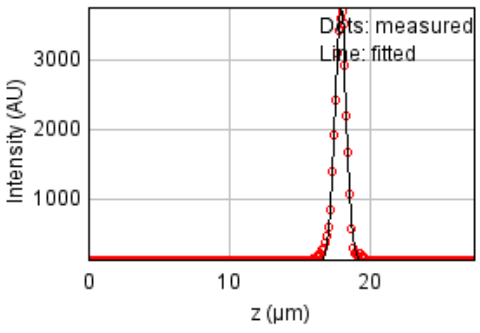




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 3944.600 (brightness)
B = 221.561 (background)
a = 0.470 px
b = -0.019 px
c = 0.437 px
xc = 5.364 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: 261084.196
Standard deviation: 33.19068
R^2: 0.99671
Parameters:
a = 114.40885
b = 3750.16495
c = 18.01407
d = 0.41423

Bead 254

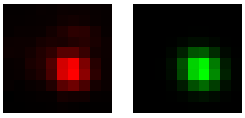
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

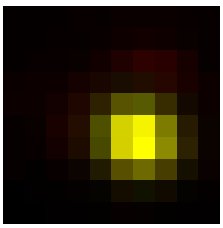
Coordinates : 37.6 um (x), -4.47 um (y), 18.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	306 nm	312 nm	190 nm
z	999 nm	1.0 um	642 nm
Asymmetry	0.907		
Theta	-24.9°		

XY profile & fitting parameters :

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

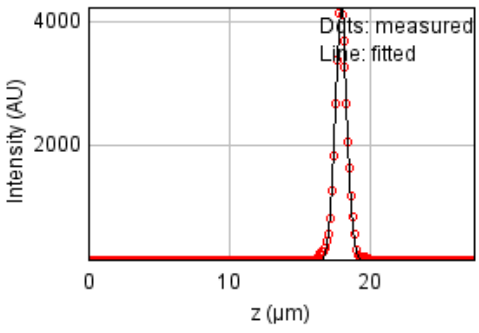




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 4390.025 (brightness)
B = 252.080 (background)
a = 0.415 px
b = -0.033 px
c = 0.471 px
xc = 5.720 px
yc = 5.534 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 560300.570
Standard deviation: 48.62240
R^2: 0.99469
Parameters:
a = 116.51887
b = 4256.30345
c = 18.04536
d = 0.42404

Bead 255

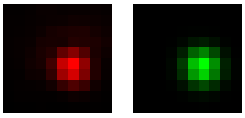
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

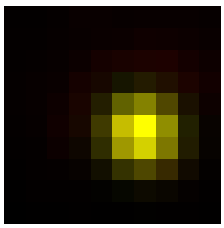
Coordinates : -43.8 um (x), -11.9 um (y), 18.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	294 nm	300 nm	190 nm
z	1.13 um	1.13 um	642 nm
Asymmetry	0.976		
Theta	-51.7°		

XY profile & fitting parameters :

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

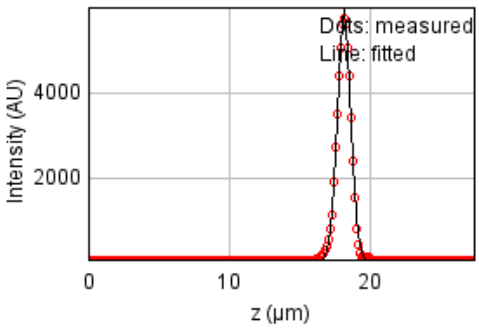




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.982

Parameters:
A = 6952.034 (brightness)
B = 320.096 (background)
a = 0.445 px
b = -0.010 px
c = 0.440 px
xc = 5.844 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: 652769.075
Standard deviation: 52.48142
R^2: 0.99726
Parameters:
a = 115.88652
b = 5998.95105
c = 18.25577
d = 0.47918

Bead 256

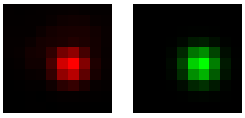
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

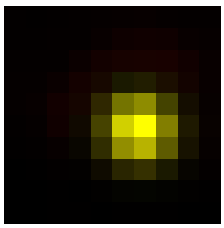
Coordinates : -611 nm (x), -7.09 um (y), 18.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	283 nm	190 nm
max	287 nm	293 nm	190 nm
z	866 nm	868 nm	642 nm
Asymmetry	0.964		
Theta	-22.8°		

XY profile & fitting parameters :

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

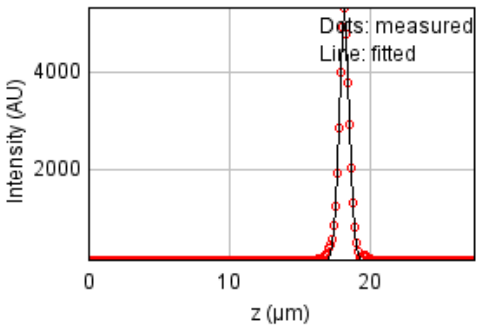




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.985

Parameters:
A = 5342.181 (brightness)
B = 231.369 (background)
a = 0.458 px
b = -0.012 px
c = 0.481 px
xc = 5.732 px
yc = 5.121 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 343938.580
Standard deviation: 38.09485
R^2: 0.99770
Parameters:
a = 119.92961
b = 5402.77597
c = 18.26801
d = 0.36765

Bead 257

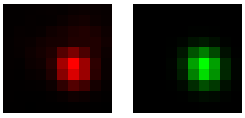
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

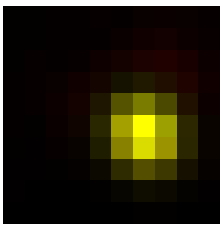
Coordinates : -3.01 um (x), 9.01 um (y), 18.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	299 nm	305 nm	190 nm
z	1.04 um	1.04 um	642 nm
Asymmetry	0.922		
Theta	-57.3°		

XY profile & fitting parameters :

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

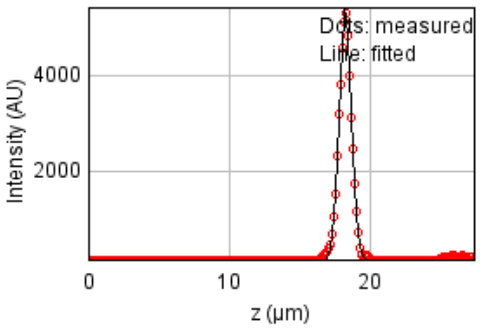




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 6478.159 (brightness)
B = 290.135 (background)
a = 0.470 px
b = -0.034 px
c = 0.440 px
xc = 6.022 px
yc = 5.329 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 440973.697
Standard deviation: 43.13524
R^2: 0.99756
Parameters:
a = 129.75781
b = 5448.78467
c = 18.33854
d = 0.44182

Bead 258

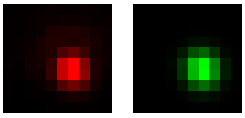
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

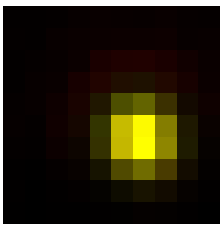
Coordinates : -42.2 um (x), 4.46 um (y), 18.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	279 nm	190 nm
max	293 nm	299 nm	190 nm
z	1.02 um	1.03 um	642 nm
Asymmetry	0.935		
Theta	-66.9°		

XY profile & fitting parameters :

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

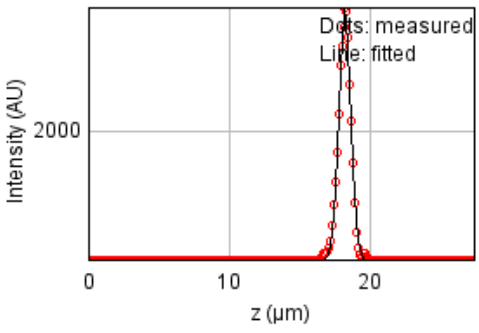




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.979

Parameters:
A = 4055.844 (brightness)
B = 230.496 (background)
a = 0.489 px
b = -0.023 px
c = 0.445 px
xc = 5.818 px
yc = 5.517 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 257751.690
Standard deviation: 32.97817
R^2: 0.99697
Parameters:
a = 113.66269
b = 3791.97890
c = 18.30765
d = 0.43488

Bead 259

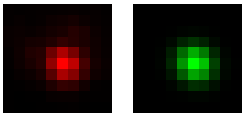
Date : Thu Jul 14 17:33:46 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

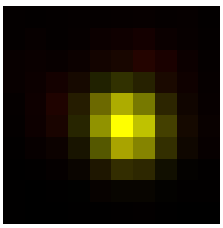
Coordinates : 21.7 um (x), 15.4 um (y), 18.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	311 nm	317 nm	190 nm
z	858 nm	860 nm	642 nm
Asymmetry	0.922		
Theta	-42.5°		

XY profile & fitting parameters :

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

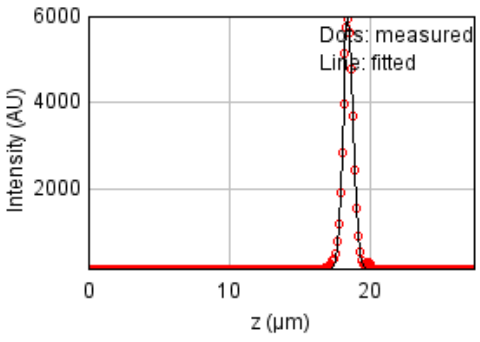




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 5678.790 (brightness)
B = 270.624 (background)
a = 0.417 px
b = -0.034 px
c = 0.423 px
xc = 5.165 px
yc = 4.984 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 321782.859
Standard deviation: 36.84744
R^2: 0.99826
Parameters:
a = 118.67018
b = 6009.45174
c = 18.53950
d = 0.36438

Bead 260

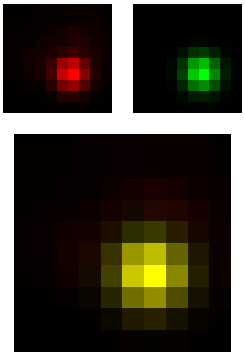
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 22.6 um (x), 1.18 um (y), 18.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	289 nm	295 nm	190 nm
max	293 nm	299 nm	190 nm
z	942 nm	944 nm	642 nm
Asymmetry	0.984		
Theta	-32.7°		

XY profile & fitting parameters :

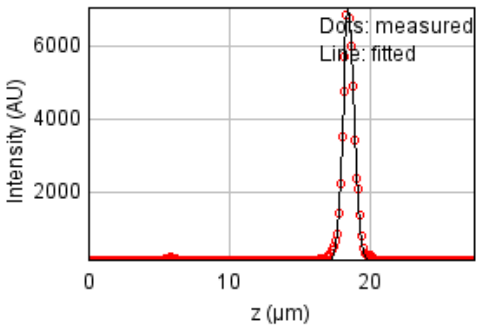
(red : the orignal data, green : the fit, yellow : the two merged)



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 = 7090.981 (brightness)
B = 345.491 (background)
a = 0.438 px
b = -0.007 px
c = 0.444 px
xc = 5.777 px
yc = 5.835 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1036652.44
Standard deviation: 66.13668
R^2: 0.99631
Parameters:
a = 129.52593
b = 7079.88194
c = 18.57277
d = 0.39983

Bead 261

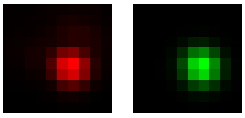
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

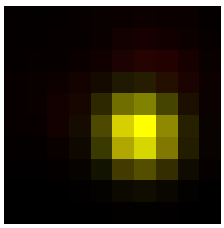
Coordinates : 31.8 um (x), -19.8 um (y), 18.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	298 nm	190 nm
max	305 nm	312 nm	190 nm
z	1.09 um	1.09 um	642 nm
Asymmetry	0.956		
Theta	-41.1°		

XY profile & fitting parameters :

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

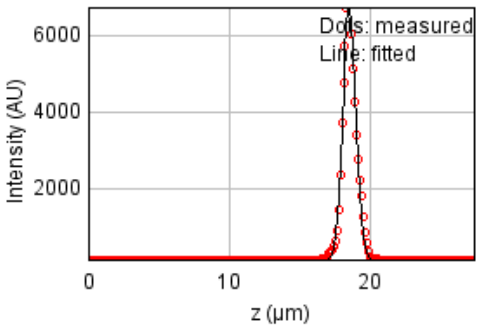




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 8271.466 (brightness)
B = 368.102 (background)
a = 0.417 px
b = -0.019 px
c = 0.422 px
xc = 5.764 px
yc = 5.283 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2131149.88
Standard deviation: 94.82718
R^2: 0.99283
Parameters:
a = 119.73737
b = 6771.93933
c = 18.61876
d = 0.46378

Bead 262

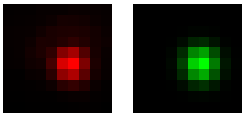
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

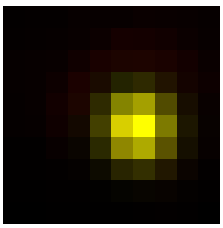
Coordinates : -26.0 um (x), 19.1 um (y), 18.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	292 nm	298 nm	190 nm
z	906 nm	908 nm	642 nm
Asymmetry	0.956		
Theta	-76.8°		

XY profile & fitting parameters :

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

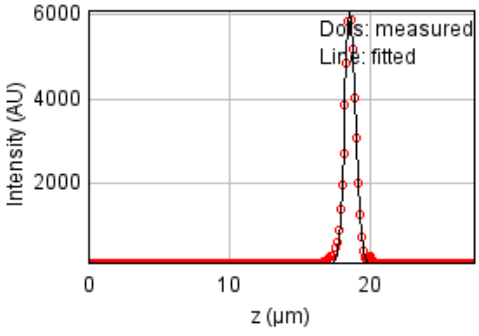




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 6187.305 (brightness)
B = 289.755 (background)
a = 0.478 px
b = -0.009 px
c = 0.441 px
xc = 5.723 px
yc = 5.028 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 507602.438
Standard deviation: 46.27940
R^2: 0.99744
Parameters:
a = 121.97458
b = 6075.97979
c = 18.68525
d = 0.38457

Bead 263

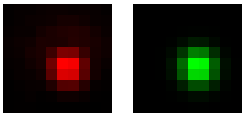
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

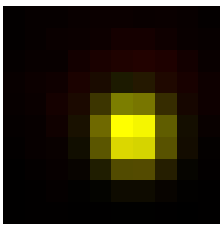
Coordinates : -26.2 um (x), 23.5 um (y), 18.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	282 nm	288 nm	190 nm
max	292 nm	298 nm	190 nm
z	1.16 um	1.17 um	642 nm
Asymmetry	0.963		
Theta	-69.0°		

XY profile & fitting parameters :

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

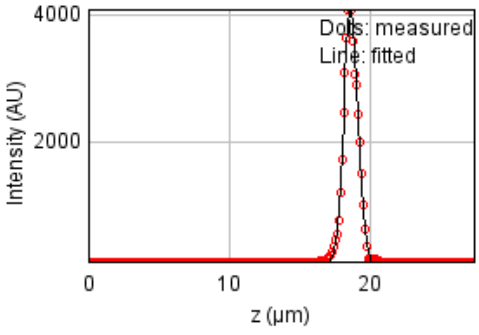




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 5318.390 (brightness)
B = 284.663 (background)
a = 0.466 px
b = -0.011 px
c = 0.441 px
xc = 5.465 px
yc = 5.316 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 511849.829
Standard deviation: 46.47261
R^2: 0.99548
Parameters:
a = 113.96589
b = 4107.40832
c = 18.72720
d = 0.49394

Bead 264

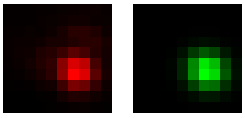
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

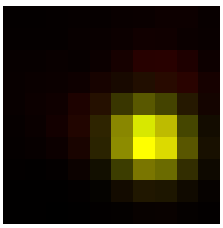
Coordinates : 45.9 um (x), 9.44 um (y), 18.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	288 nm	294 nm	190 nm
max	318 nm	324 nm	190 nm
z	1.04 um	1.04 um	642 nm
Asymmetry	0.908		
Theta	-24.3°		

XY profile & fitting parameters :

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

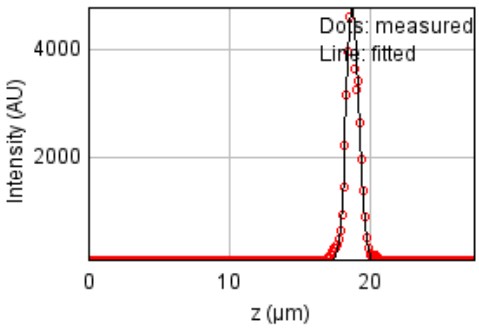




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 5137.622 (brightness)
B = 305.353 (background)
a = 0.383 px
b = -0.030 px
c = 0.435 px
xc = 6.262 px
yc = 5.629 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2041590.94
Standard deviation: 92.81330
R^2: 0.98564
Parameters:
a = 117.44697
b = 4805.20864
c = 18.85465
d = 0.44232

Bead 265

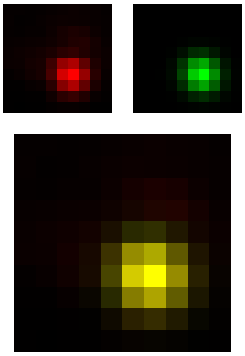
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 35.9 um (x), -16.2 um (y), 18.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	288 nm	294 nm	190 nm
max	304 nm	310 nm	190 nm
z	981 nm	983 nm	642 nm
Asymmetry	0.949		
Theta	-38.1°		

XY profile & fitting parameters :

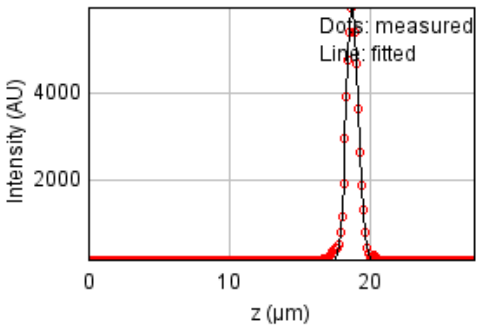
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 5945.031 (brightness)
B = 303.704 (background)
a = 0.422 px
b = -0.021 px
c = 0.432 px
xc = 5.772 px
yc = 5.971 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 374209.626
Standard deviation: 39.73592
R^2: 0.99822
Parameters:
a = 119.73435
b = 6026.22206
c = 18.84157
d = 0.41645

Bead 266

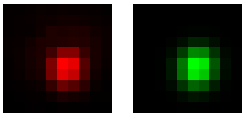
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

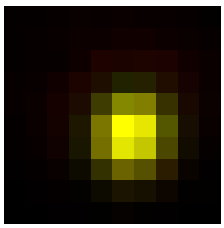
Coordinates : -30.6 um (x), 9.82 um (y), 18.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	289 nm	296 nm	190 nm
max	319 nm	325 nm	190 nm
z	1.05 um	1.05 um	642 nm
Asymmetry	0.908		
Theta	74.0°		

XY profile & fitting parameters :

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

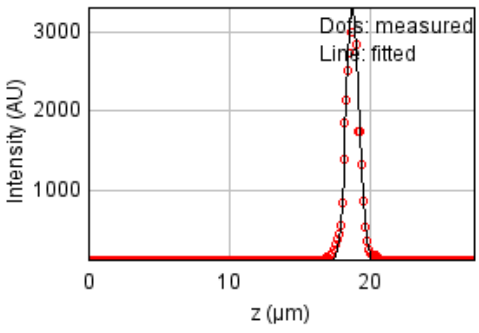




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.984

Parameters:
A = 4095.615 (brightness)
B = 235.475 (background)
a = 0.439 px
b = 0.021 px
c = 0.373 px
xc = 5.362 px
yc = 5.335 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1122435.65
Standard deviation: 68.81871
R^2: 0.98329
Parameters:
a = 116.13598
b = 3322.81588
c = 18.85983
d = 0.44581

Bead 267

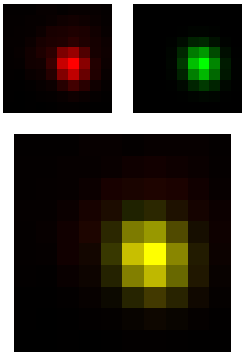
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -21.5 um (x), 17.4 um (y), 19.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	305 nm	311 nm	190 nm
z	862 nm	864 nm	642 nm
Asymmetry	0.904		
Theta	-60.1°		

XY profile & fitting parameters :

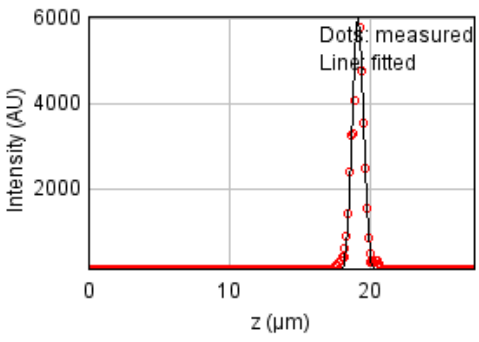
(red : the orignal data, green : the fit, yellow : the two merged)



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 = 6507.676 (brightness)
B = 294.618 (background)
a = 0.470 px
b = -0.039 px
c = 0.424 px
xc = 5.818 px
yc = 5.096 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 3236058.70
Standard deviation: 116.85143
R^2: 0.98305
Parameters:
a = 123.80077
b = 6055.93856
c = 19.23930
d = 0.36627

Bead 268

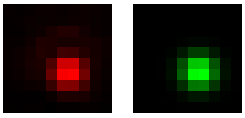
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

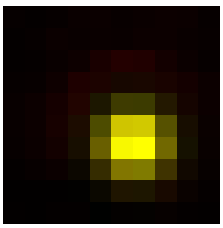
Coordinates : -42.4 um (x), 6.99 um (y), 18.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	276 nm	282 nm	190 nm
max	284 nm	290 nm	190 nm
z	1.07 um	1.07 um	642 nm
Asymmetry	0.974		
Theta	-15.1°		

XY profile & fitting parameters :

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

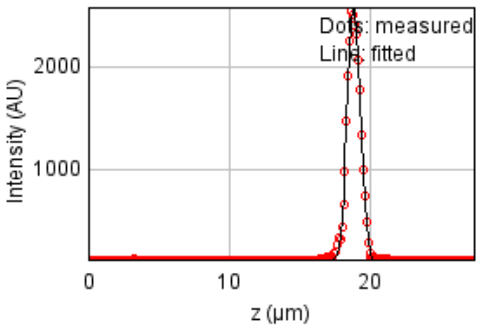




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 2683.163 (brightness)
B = 202.485 (background)
a = 0.466 px
b = -0.006 px
c = 0.488 px
xc = 5.530 px
yc = 5.743 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 141578.583
Standard deviation: 24.44132
R^2: 0.99650
Parameters:
a = 111.60452
b = 2594.44399
c = 18.94791
d = 0.45388

Bead 269

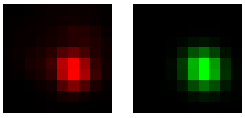
Date : Thu Jul 14 17:33:47 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

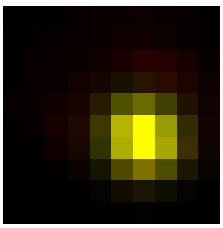
Coordinates : 26.8 um (x), -4.35 um (y), 19.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	292 nm	299 nm	190 nm
max	310 nm	317 nm	190 nm
z	969 nm	971 nm	642 nm
Asymmetry	0.943		
Theta	-43.9°		

XY profile & fitting parameters :

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

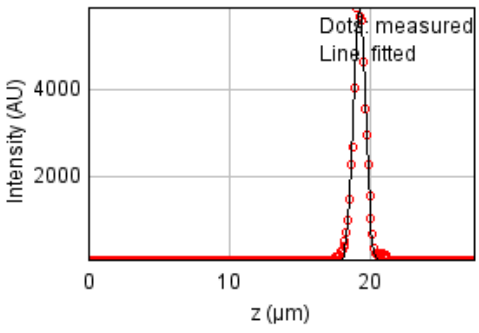




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 5827.867 (brightness)
B = 319.717 (background)
a = 0.411 px
b = -0.024 px
c = 0.413 px
xc = 5.948 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: 1937988.64
Standard deviation: 90.42769
R^2: 0.99017
Parameters:
a = 126.11294
b = 5851.97052
c = 19.35328
d = 0.41150

Bead 270

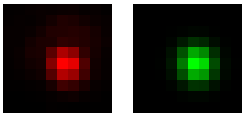
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

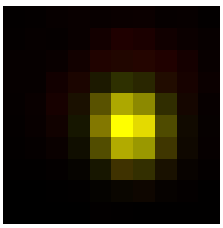
Coordinates : -28.1 um (x), 5.68 um (y), 19.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	304 nm	311 nm	190 nm
z	909 nm	911 nm	642 nm
Asymmetry	0.93		
Theta	-68.6°		

XY profile & fitting parameters :

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

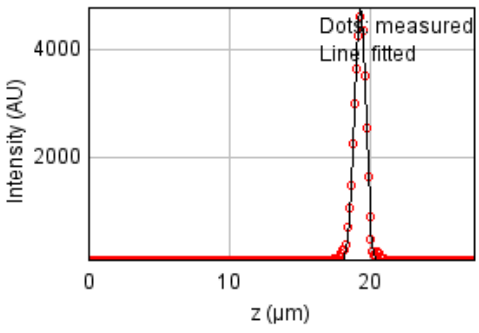




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 4652.620 (brightness)
B = 254.818 (background)
a = 0.458 px
b = -0.021 px
c = 0.412 px
xc = 5.328 px
yc = 5.028 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 564066.363
Standard deviation: 48.78552
R^2: 0.99537
Parameters:
a = 120.00737
b = 4772.61915
c = 19.39920
d = 0.38613

Bead 271

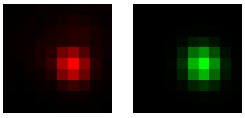
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

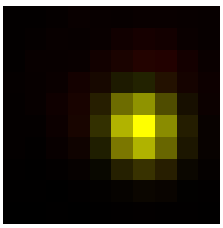
Coordinates : -15.2 um (x), 10.1 um (y), 19.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	291 nm	297 nm	190 nm
z	897 nm	899 nm	642 nm
Asymmetry	0.944		
Theta	-58.9°		

XY profile & fitting parameters :

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

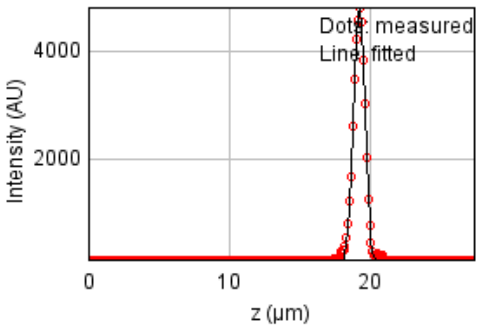




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 4547.372 (brightness)
B = 247.642 (background)
a = 0.482 px
b = -0.024 px
c = 0.456 px
xc = 5.876 px
yc = 5.101 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 321322.683
Standard deviation: 36.82108
R^2: 0.99739
Parameters:
a = 119.07090
b = 4825.25758
c = 19.33584
d = 0.38077

Bead 272

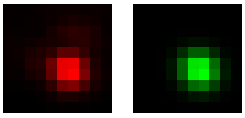
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

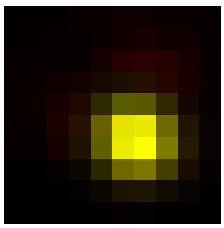
Coordinates : 37.2 um (x), 23.0 um (y), 19.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	309 nm	316 nm	190 nm
z	1.13 um	1.13 um	642 nm
Asymmetry	0.93		
Theta	-34.6°		

XY profile & fitting parameters :

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

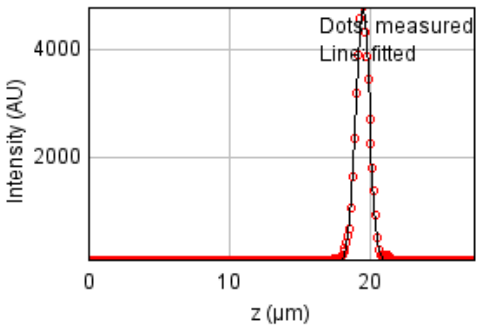




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 5185.559 (brightness)
B = 297.931 (background)
a = 0.411 px
b = -0.029 px
c = 0.433 px
xc = 5.574 px
yc = 5.579 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 719100.664
Standard deviation: 55.08339
R^2: 0.99521
Parameters:
a = 114.11250
b = 4777.58063
c = 19.58174
d = 0.47910

Bead 273

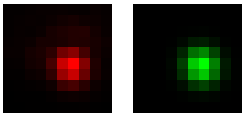
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

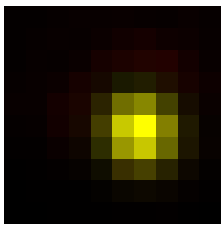
Coordinates : 1.48 um (x), -2.58 um (y), 19.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	285 nm	190 nm
max	293 nm	299 nm	190 nm
z	1.12 um	1.12 um	642 nm
Asymmetry	0.953		
Theta	-62.6°		

XY profile & fitting parameters :

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

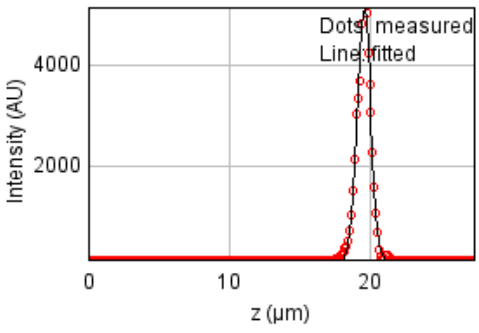




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 6653.076 (brightness)
B = 317.287 (background)
a = 0.469 px
b = -0.018 px
c = 0.444 px
xc = 5.764 px
yc = 5.208 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 686647.014
Standard deviation: 53.82606
R^2: 0.99610
Parameters:
a = 115.32563
b = 5184.52965
c = 19.67730
d = 0.47515

Bead 274 (Rejected)

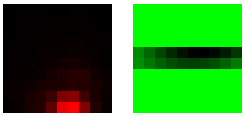
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

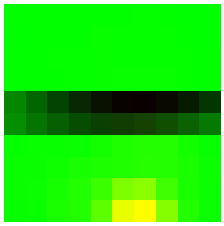
Coordinates : 31.7 um (x), -19.2 um (y), 18.8 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	70.9 nm	72.5 nm	190 nm
max	1.28 um	1.31 um	190 nm
z	1.24 um	1.24 um	642 nm
Asymmetry	0.055		
Theta	0.1°		

XY profile & fitting parameters :

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

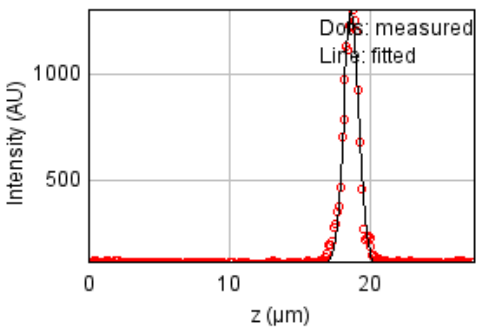




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.024

Parameters:
A = -2279.612 (brightness)
B = 843.875 (background)
a = -0.023 px
b = 0.019 px
c = 7.412 px
xc = 5.348 px
yc = 4.481 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 182637.226
Standard deviation: 27.76006
R^2: 0.98328
Parameters:
a = 112.57907
b = 1311.40269
c = 18.75654
d = 0.52446

Bead 275

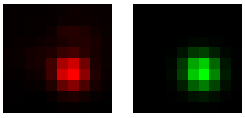
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

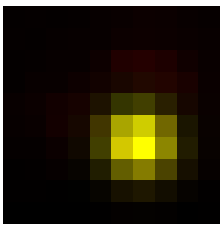
Coordinates : 18.1 um (x), -2.75 um (y), 19.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	291 nm	297 nm	190 nm
z	1000 nm	1.0 um	642 nm
Asymmetry	0.957		
Theta	-25.3°		

XY profile & fitting parameters :

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

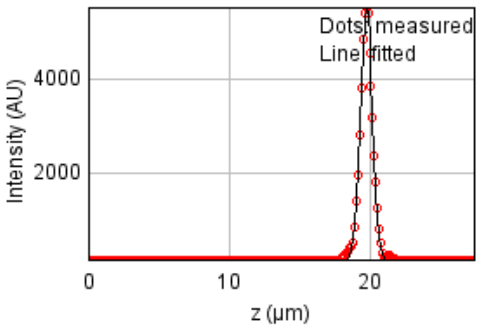




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 5770.737 (brightness)
B = 296.486 (background)
a = 0.449 px
b = -0.016 px
c = 0.475 px
xc = 5.766 px
yc = 5.728 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 615491.918
Standard deviation: 50.96089
R^2: 0.99658
Parameters:
a = 118.79310
b = 5528.88076
c = 19.85248
d = 0.42461

Bead 276

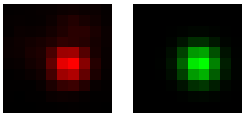
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

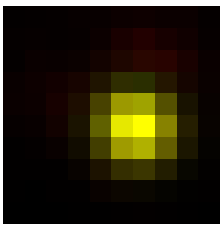
Coordinates : 49.4 um (x), -24.5 um (y), 19.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	298 nm	305 nm	190 nm
max	314 nm	320 nm	190 nm
z	970 nm	972 nm	642 nm
Asymmetry	0.951		
Theta	-29.1°		

XY profile & fitting parameters :

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

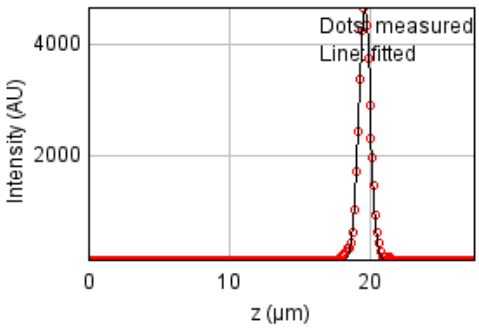




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 4731.240 (brightness)
B = 260.236 (background)
a = 0.389 px
b = -0.017 px
c = 0.410 px
xc = 5.629 px
yc = 5.032 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 741488.848
Standard deviation: 55.93429
R^2: 0.99401
Parameters:
a = 118.89678
b = 4662.42791
c = 19.71299
d = 0.41203

Bead 277

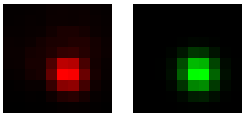
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

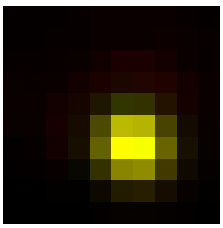
Coordinates : -6.67 um (x), -10.2 um (y), 20.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	286 nm	292 nm	190 nm
z	945 nm	948 nm	642 nm
Asymmetry	0.958		
Theta	-44.3°		

XY profile & fitting parameters :

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

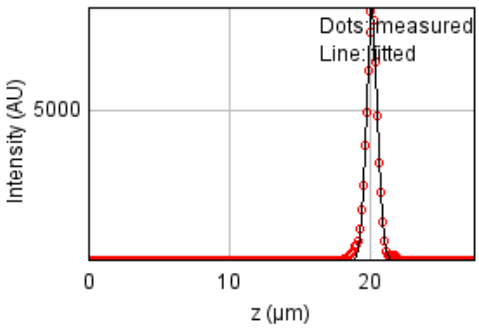




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 8764.560 (brightness)
B = 408.175 (background)
a = 0.475 px
b = -0.021 px
c = 0.476 px
xc = 5.507 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: 1257367.74
Standard deviation: 72.83783
R^2: 0.99686
Parameters:
a = 129.39858
b = 8407.23600
c = 20.23517
d = 0.40151

Bead 278

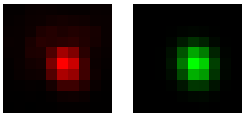
Date : Thu Jul 14 17:33:48 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

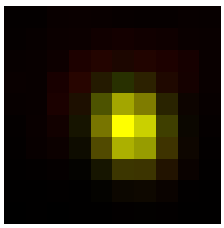
Coordinates : -46.9 um (x), -13.2 um (y), 20.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	270 nm	276 nm	190 nm
max	311 nm	318 nm	190 nm
z	956 nm	958 nm	642 nm
Asymmetry	0.869		
Theta	-68.8°		

XY profile & fitting parameters :

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

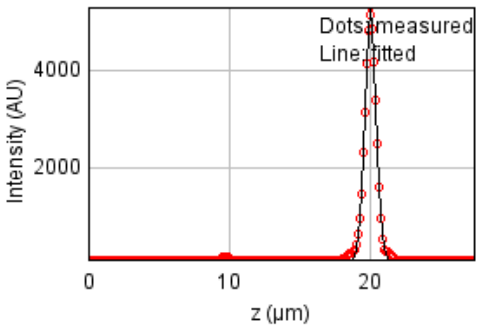




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.969

Parameters:
A = 5103.427 (brightness)
B = 294.861 (background)
a = 0.495 px
b = -0.042 px
c = 0.402 px
xc = 5.296 px
yc = 5.066 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 296334.692
Standard deviation: 35.36039
R^2: 0.99814
Parameters:
a = 122.57253
b = 5316.83804
c = 20.13443
d = 0.40608

Bead 279

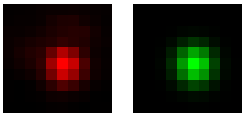
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

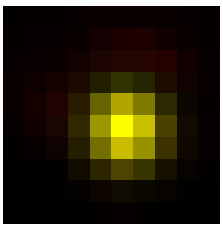
Coordinates : 49.5 um (x), -14.9 um (y), 19.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	304 nm	310 nm	190 nm
max	319 nm	325 nm	190 nm
z	946 nm	948 nm	642 nm
Asymmetry	0.954		
Theta	-73.6°		

XY profile & fitting parameters :

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

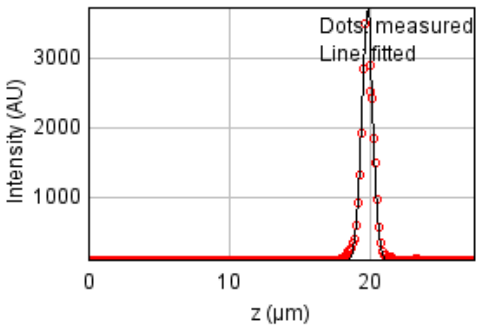




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 3939.025 (brightness)
B = 242.628 (background)
a = 0.401 px
b = -0.010 px
c = 0.370 px
xc = 5.150 px
yc = 5.098 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1232559.77
Standard deviation: 72.11570
R^2: 0.98408
Parameters:
a = 116.78441
b = 3734.08321
c = 19.91492
d = 0.40169

Bead 280

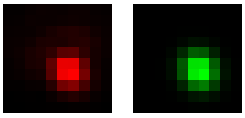
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

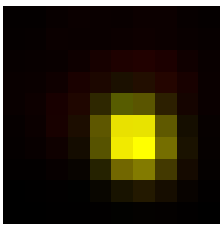
Coordinates : -14.3 um (x), -17.0 um (y), 20.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	274 nm	280 nm	190 nm
max	304 nm	311 nm	190 nm
z	1.06 um	1.07 um	642 nm
Asymmetry	0.902		
Theta	-58.5°		

XY profile & fitting parameters :

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

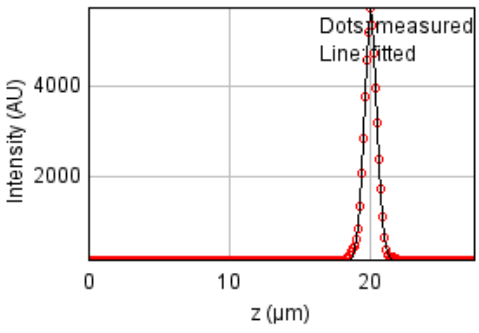




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 6388.102 (brightness)
B = 326.959 (background)
a = 0.470 px
b = -0.041 px
c = 0.428 px
xc = 5.562 px
yc = 5.599 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 188117.763
Standard deviation: 28.17350
R^2: 0.99910
Parameters:
a = 116.09709
b = 5790.26491
c = 20.14481
d = 0.45220

Bead 281

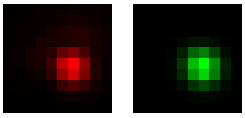
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

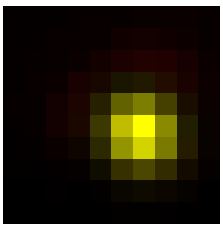
Coordinates : 7.99 um (x), 17.7 um (y), 20.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	297 nm	303 nm	190 nm
z	1.11 um	1.11 um	642 nm
Asymmetry	0.935		
Theta	-48.9°		

XY profile & fitting parameters :

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

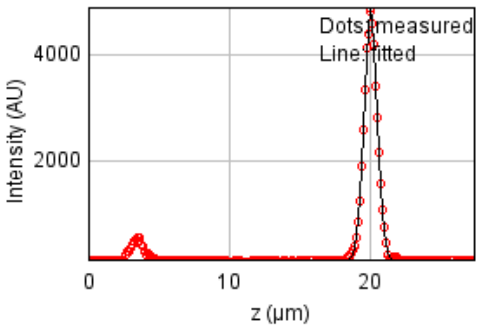




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 5824.629 (brightness)
B = 306.570 (background)
a = 0.458 px
b = -0.030 px
c = 0.449 px
xc = 5.847 px
yc = 5.277 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1607245.26
Standard deviation: 82.35063
R^2: 0.98960
Parameters:
a = 142.16459
b = 4899.61316
c = 20.14447
d = 0.47051

Bead 282

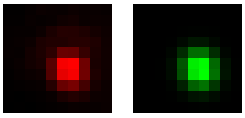
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

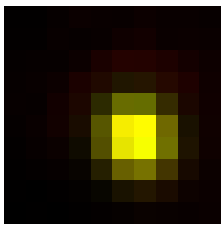
Coordinates : -25.6 um (x), -19.7 um (y), 20.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	278 nm	284 nm	190 nm
max	305 nm	312 nm	190 nm
z	1.15 um	1.16 um	642 nm
Asymmetry	0.91		
Theta	-69.7°		

XY profile & fitting parameters :

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

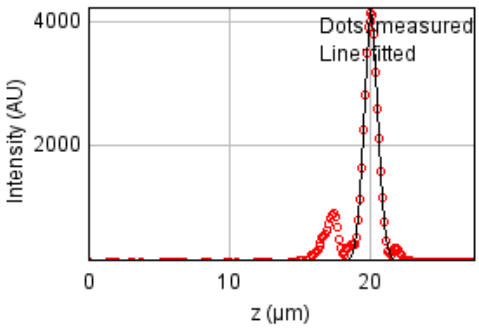




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 4688.358 (brightness)
B = 328.352 (background)
a = 0.474 px
b = -0.027 px
c = 0.411 px
xc = 5.595 px
yc = 5.491 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 4999357.98
Standard deviation: 145.23890
R^2: 0.95839
Parameters:
a = 167.80228
b = 4219.31884
c = 20.16813
d = 0.48990

Bead 283

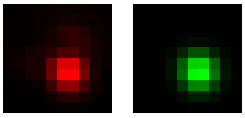
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

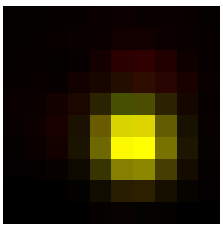
Coordinates : 31.3 um (x), 16.0 um (y), 20.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	295 nm	301 nm	190 nm
max	305 nm	311 nm	190 nm
z	1.13 um	1.13 um	642 nm
Asymmetry	0.968		
Theta	-53.3°		

XY profile & fitting parameters :

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

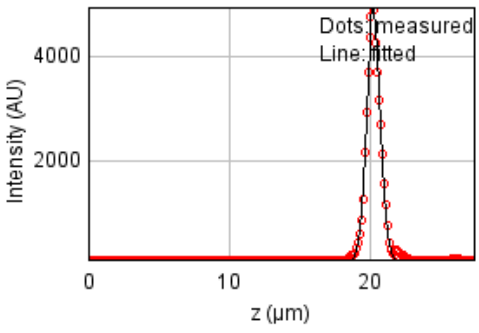




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 5546.735 (brightness)
B = 322.917 (background)
a = 0.419 px
b = -0.013 px
c = 0.411 px
xc = 5.528 px
yc = 5.707 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 834824.328
Standard deviation: 59.35036
R^2: 0.99483
Parameters:
a = 121.47626
b = 4956.02839
c = 20.33877
d = 0.47896

Bead 284

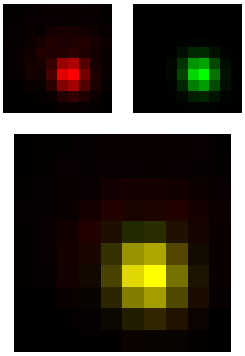
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -36.6 um (x), 5.11 um (y), 20.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	272 nm	278 nm	190 nm
max	289 nm	295 nm	190 nm
z	968 nm	970 nm	642 nm
Asymmetry	0.94		
Theta	-59.6°		

XY profile & fitting parameters :

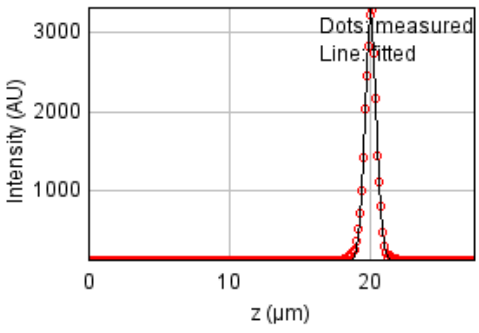
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 3337.654 (brightness)
B = 224.819 (background)
a = 0.489 px
b = -0.026 px
c = 0.461 px
xc = 5.676 px
yc = 5.950 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 192140.858
Standard deviation: 28.47316
R^2: 0.99688
Parameters:
a = 114.49962
b = 3328.95157
c = 20.14648
d = 0.41087

Bead 285

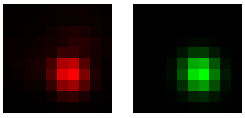
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

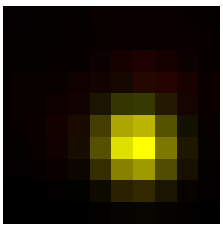
Coordinates : 16.9 um (x), 3.84 um (y), 20.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	302 nm	309 nm	190 nm
z	1.01 um	1.01 um	642 nm
Asymmetry	0.948		
Theta	-60.8°		

XY profile & fitting parameters :

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

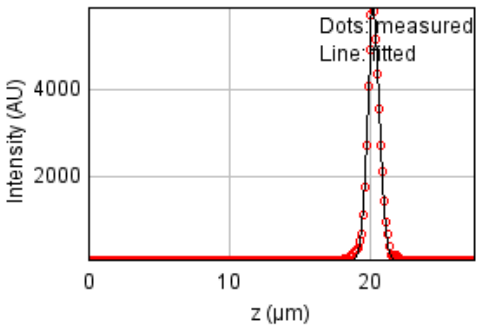




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 5964.175 (brightness)
B = 304.049 (background)
a = 0.443 px
b = -0.019 px
c = 0.419 px
xc = 5.645 px
yc = 5.881 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 807875.022
Standard deviation: 58.38455
R^2: 0.99607
Parameters:
a = 119.71598
b = 5874.33345
c = 20.34743
d = 0.42772

Bead 286

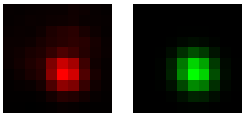
Date : Thu Jul 14 17:33:49 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

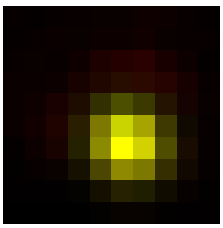
Coordinates : 12.7 um (x), -2.76 um (y), 20.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	293 nm	299 nm	190 nm
max	314 nm	320 nm	190 nm
z	1.01 um	1.01 um	642 nm
Asymmetry	0.933		
Theta	-45.6°		

XY profile & fitting parameters :

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

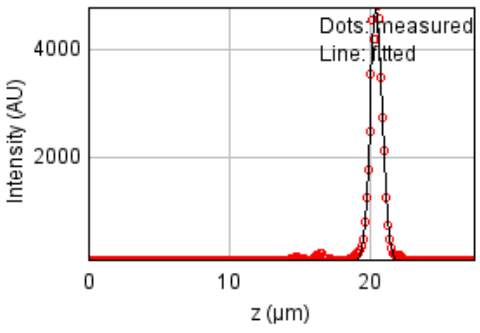




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.968

Parameters:
A = 4024.248 (brightness)
B = 277.956 (background)
a = 0.408 px
b = -0.028 px
c = 0.406 px
xc = 5.243 px
yc = 5.751 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1284653.73
Standard deviation: 73.62391
R^2: 0.99038
Parameters:
a = 130.84232
b = 4755.17241
c = 20.54539
d = 0.42826

Bead 287

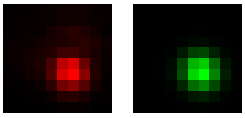
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

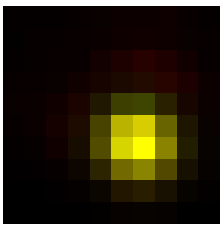
Coordinates : 26.9 um (x), -6.35 um (y), 20.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	287 nm	293 nm	190 nm
max	303 nm	309 nm	190 nm
z	1.07 um	1.07 um	642 nm
Asymmetry	0.948		
Theta	-38.0°		

XY profile & fitting parameters :

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

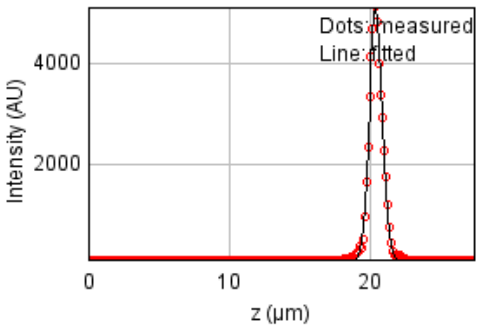




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 5184.200 (brightness)
B = 303.885 (background)
a = 0.425 px
b = -0.022 px
c = 0.436 px
xc = 5.701 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: 728740.545
Standard deviation: 55.45137
R^2: 0.99553
Parameters:
a = 119.90997
b = 5105.02771
c = 20.50779
d = 0.45436

Bead 288

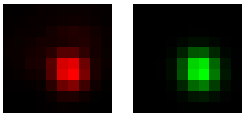
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

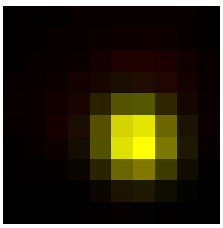
Coordinates : 13.2 um (x), -21.0 um (y), 20.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	285 nm	291 nm	190 nm
max	301 nm	307 nm	190 nm
z	1.04 um	1.04 um	642 nm
Asymmetry	0.948		
Theta	-57.4°		

XY profile & fitting parameters :

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

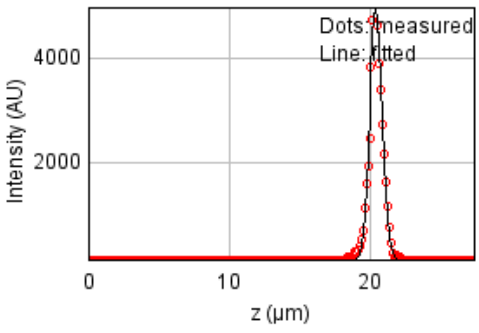




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.983

Parameters:
A = 5521.243 (brightness)
B = 286.370 (background)
a = 0.446 px
b = -0.021 px
c = 0.426 px
xc = 5.627 px
yc = 5.607 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1101765.43
Standard deviation: 68.18210
R^2: 0.99270
Parameters:
a = 120.36765
b = 4975.49389
c = 20.51949
d = 0.44092

Bead 289

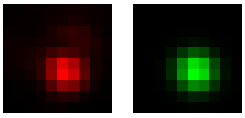
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

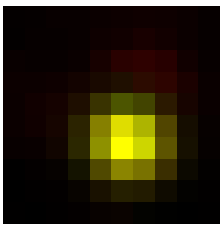
Coordinates : 55.0 um (x), -21.1 um (y), 20.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	303 nm	309 nm	190 nm
max	318 nm	324 nm	190 nm
z	1.05 um	1.05 um	642 nm
Asymmetry	0.954		
Theta	-22.9°		

XY profile & fitting parameters :

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

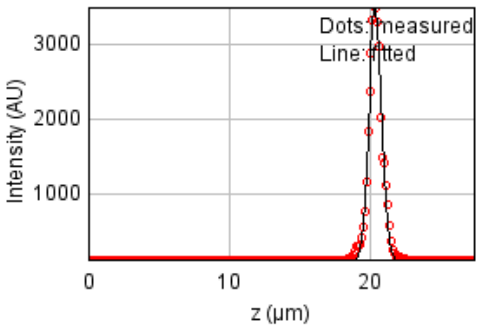




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 3435.163 (brightness)
B = 249.076 (background)
a = 0.375 px
b = -0.013 px
c = 0.401 px
xc = 5.250 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: 550560.000
Standard deviation: 48.19790
R^2: 0.99265
Parameters:
a = 116.44152
b = 3522.49330
c = 20.47334
d = 0.44506

Bead 290

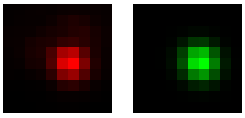
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

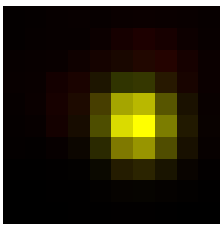
Coordinates : 11.7 um (x), -16.3 um (y), 20.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	284 nm	290 nm	190 nm
max	301 nm	308 nm	190 nm
z	979 nm	981 nm	642 nm
Asymmetry	0.944		
Theta	-45.3°		

XY profile & fitting parameters :

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

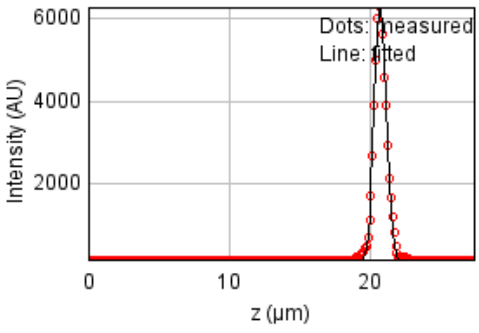




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 6377.445 (brightness)
B = 320.042 (background)
a = 0.437 px
b = -0.025 px
c = 0.436 px
xc = 5.671 px
yc = 4.862 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1060054.23
Standard deviation: 66.87902
R^2: 0.99543
Parameters:
a = 121.78939
b = 6316.29986
c = 20.82925
d = 0.41566

Bead 291

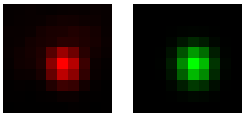
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

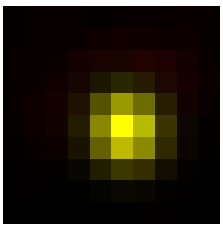
Coordinates : -16.8 um (x), -16.6 um (y), 20.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	279 nm	284 nm	190 nm
max	299 nm	305 nm	190 nm
z	991 nm	993 nm	642 nm
Asymmetry	0.931		
Theta	-77.0°		

XY profile & fitting parameters :

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

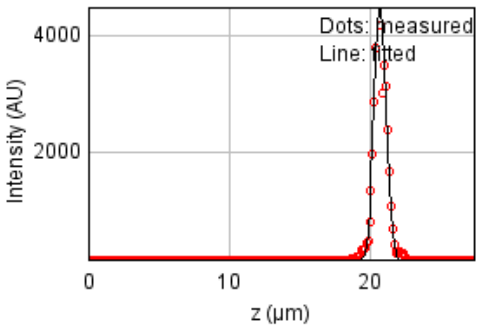




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.979

Parameters:
A = 4943.349 (brightness)
B = 267.965 (background)
a = 0.478 px
b = -0.014 px
c = 0.420 px
xc = 5.169 px
yc = 5.117 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 2612944.23
Standard deviation: 105.00039
R^2: 0.97840
Parameters:
a = 118.43666
b = 4529.10980
c = 20.81683
d = 0.42088

Bead 292

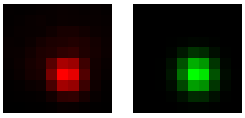
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

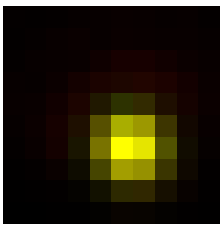
Coordinates : -13.9 um (x), -24.4 um (y), 20.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	295 nm	302 nm	190 nm
z	1.06 um	1.07 um	642 nm
Asymmetry	0.96		
Theta	-64.8°		

XY profile & fitting parameters :

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

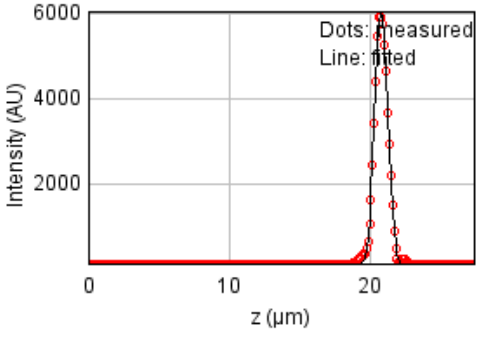




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 6676.641 (brightness)
B = 336.437 (background)
a = 0.458 px
b = -0.014 px
c = 0.435 px
xc = 5.377 px
yc = 5.955 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 504274.941
Standard deviation: 46.12746
R^2: 0.99780
Parameters:
a = 121.88368
b = 6053.23476
c = 20.89991
d = 0.45165

Bead 293

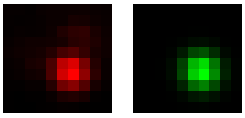
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

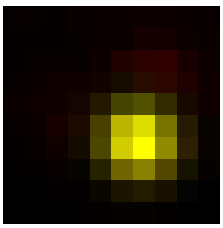
Coordinates : 42.1 um (x), 7.35 um (y), 20.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	294 nm	300 nm	190 nm
max	303 nm	309 nm	190 nm
z	1.11 um	1.11 um	642 nm
Asymmetry	0.971		
Theta	-41.7°		

XY profile & fitting parameters :

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

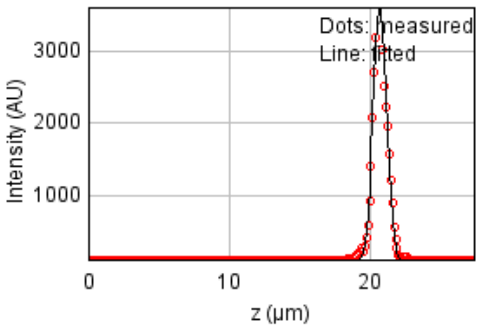




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 3762.041 (brightness)
B = 252.821 (background)
a = 0.418 px
b = -0.012 px
c = 0.421 px
xc = 5.754 px
yc = 5.673 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 731151.994
Standard deviation: 55.54304
R^2: 0.99119
Parameters:
a = 114.23706
b = 3606.11220
c = 20.80106
d = 0.46960

Bead 294

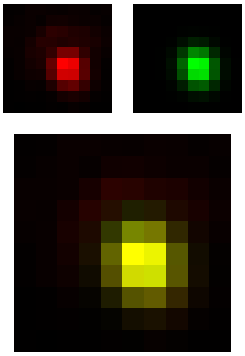
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : -48.8 um (x), -1.66 um (y), 20.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	272 nm	278 nm	190 nm
max	309 nm	315 nm	190 nm
z	1.28 um	1.29 um	642 nm
Asymmetry	0.88		
Theta	-70.6°		

XY profile & fitting parameters :

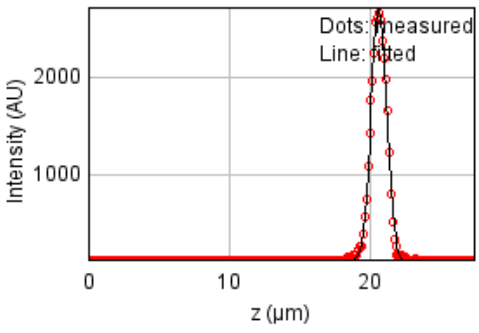
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 3386.370 (brightness)
B = 235.770 (background)
a = 0.493 px
b = -0.036 px
c = 0.404 px
xc = 5.477 px
yc = 5.344 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 186780.663
Standard deviation: 28.07319
R^2: 0.99651
Parameters:
a = 109.35886
b = 2733.64774
c = 20.73102
d = 0.54537

Bead 295

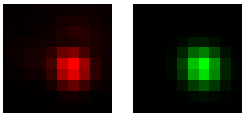
Date : Thu Jul 14 17:33:50 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

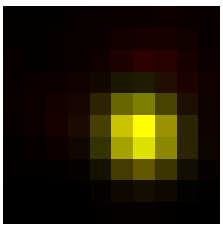
Coordinates : 36.2 um (x), -7.23 um (y), 21.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	289 nm	296 nm	190 nm
max	309 nm	315 nm	190 nm
z	1.23 um	1.23 um	642 nm
Asymmetry	0.938		
Theta	-42.4°		

XY profile & fitting parameters :

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

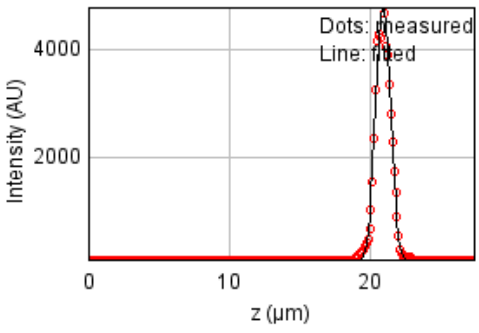




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 5882.125 (brightness)
B = 329.750 (background)
a = 0.416 px
b = -0.027 px
c = 0.421 px
xc = 5.850 px
yc = 5.334 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1127693.12
Standard deviation: 68.97970
R^2: 0.99307
Parameters:
a = 115.09551
b = 4779.84157
c = 21.03235
d = 0.52069

Bead 296

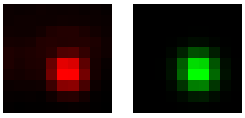
Date : Thu Jul 14 17:33:51 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

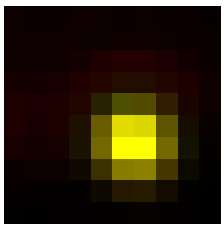
Coordinates : -24.7 um (x), -19.9 um (y), 21.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	285 nm	291 nm	190 nm
max	295 nm	302 nm	190 nm
z	1.12 um	1.12 um	642 nm
Asymmetry	0.964		
Theta	-60.0°		

XY profile & fitting parameters :

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

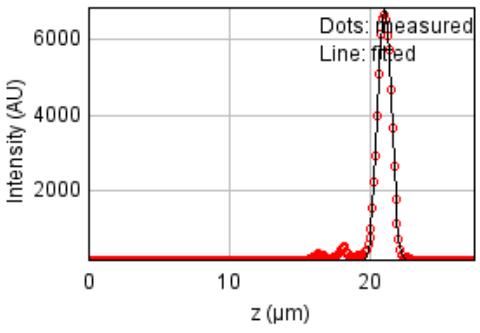




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 7362.702 (brightness)
B = 477.694 (background)
a = 0.452 px
b = -0.014 px
c = 0.435 px
xc = 5.490 px
yc = 5.689 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 1659607.89
Standard deviation: 83.68133
R^2: 0.99464
Parameters:
a = 146.11751
b = 6866.25028
c = 21.14135
d = 0.47559

Bead 297

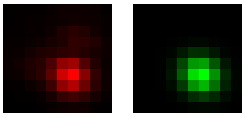
Date : Thu Jul 14 17:33:51 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

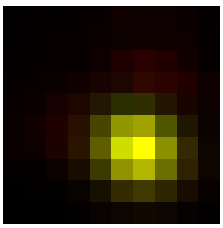
Coordinates : 58.1 um (x), 24.0 um (y), 20.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	297 nm	303 nm	190 nm
max	333 nm	340 nm	190 nm
z	1.03 um	1.04 um	642 nm
Asymmetry	0.891		
Theta	-29.4°		

XY profile & fitting parameters :

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

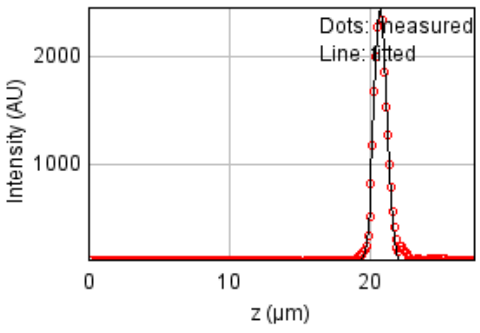




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 2231.366 (brightness)
B = 228.175 (background)
a = 0.357 px
b = -0.037 px
c = 0.402 px
xc = 5.706 px
yc = 6.047 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 239999.794
Standard deviation: 31.82228
R^2: 0.99315
Parameters:
a = 115.40461
b = 2459.36720
c = 20.83498
d = 0.43928

Bead 298

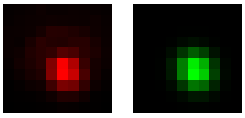
Date : Thu Jul 14 17:33:51 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

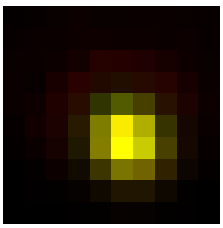
Coordinates : -28.6 um (x), -11.2 um (y), 21.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	275 nm	281 nm	190 nm
max	302 nm	308 nm	190 nm
z	1.06 um	1.07 um	642 nm
Asymmetry	0.911		
Theta	-56.8°		

XY profile & fitting parameters :

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

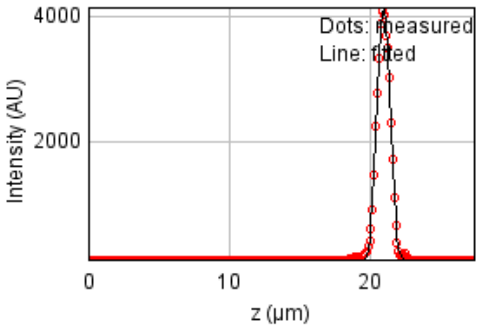




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 4120.382 (brightness)
B = 290.448 (background)
a = 0.468 px
b = -0.038 px
c = 0.435 px
xc = 5.228 px
yc = 5.612 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 250038.920
Standard deviation: 32.48102
R^2: 0.99766
Parameters:
a = 113.73490
b = 4165.86688
c = 21.06711
d = 0.45190

Bead 299

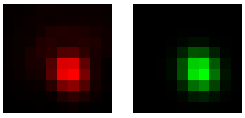
Date : Thu Jul 14 17:33:51 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

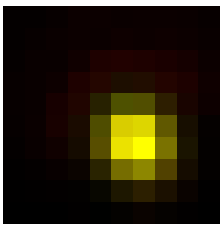
Coordinates : -31.1 um (x), -24.9 um (y), 21.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	277 nm	282 nm	190 nm
max	310 nm	316 nm	190 nm
z	1.15 um	1.16 um	642 nm
Asymmetry	0.893		
Theta	-61.8°		

XY profile & fitting parameters :

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

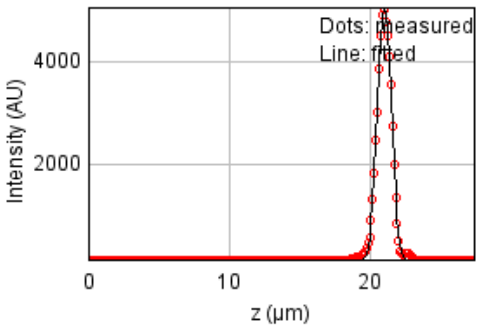




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 5327.161 (brightness)
B = 333.939 (background)
a = 0.466 px
b = -0.041 px
c = 0.411 px
xc = 5.607 px
yc = 5.680 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 348523.084
Standard deviation: 38.34790
R^2: 0.99797
Parameters:
a = 117.67191
b = 5058.00337
c = 21.12763
d = 0.48975

Bead 300

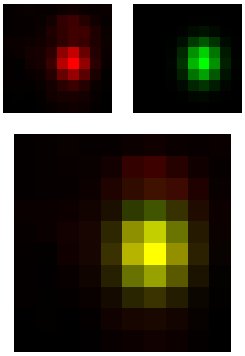
Date : Thu Jul 14 17:33:51 PDT 2022
Origin : data_traditional.tif (100x1.35 Sil)
Frame size : 10 pixels

Coordinates : 9.38 um (x), -7.75 um (y), 21.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	283 nm	289 nm	190 nm
max	332 nm	339 nm	190 nm
z	905 nm	907 nm	642 nm
Asymmetry	0.854		
Theta	87.4°		

XY profile & fitting parameters :

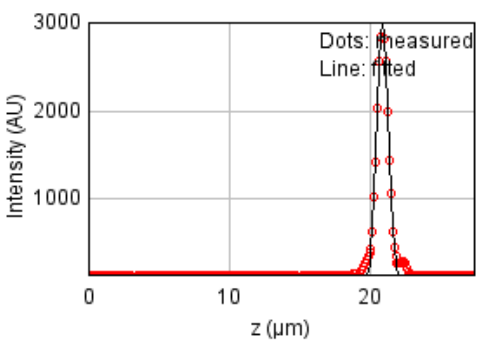
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 2727.734 (brightness)
B = 249.979 (background)
a = 0.465 px
b = 0.006 px
c = 0.340 px
xc = 5.882 px
yc = 4.815 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 299686.768
Standard deviation: 35.55982
R^2: 0.99359
Parameters:
a = 122.96205
b = 3008.88914
c = 20.99544
d = 0.38412