Bead 3301 (Rejected)

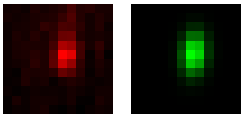
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

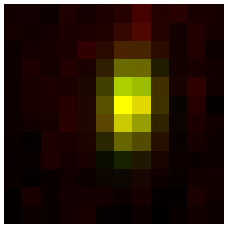
Coordinates : 94.2 um (x), 570 nm (y), 57.8 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	453 nm	472 nm	270 nm
max	776 nm	808 nm	270 nm
z	2.6 um	2.61 um	1.3 um
Asymmetry	0.584		
Theta	85.4°		

XY profile & fitting parameters :

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

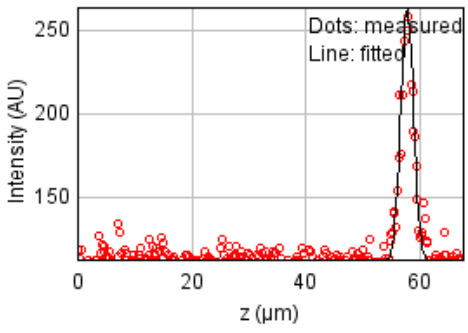




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.911

Parameters:
A = 239.174 (brightness)
B = 119.285 (background)
a = 0.651 px
b = 0.034 px
c = 0.226 px
xc = 6.378 px
yc = 4.909 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 15091.4551
Standard deviation: 7.01126
R^2: 0.92714
Parameters:
a = 112.24199
b = 263.59681
c = 57.81256
d = 1.10436

Bead 3302 (Rejected)

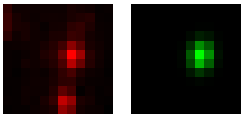
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

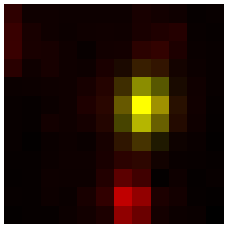
Coordinates : 79.2 um (x), -2.34 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	406 nm	422 nm	270 nm
max	539 nm	561 nm	270 nm
z	2.49 um	2.5 um	1.3 um
Asymmetry	0.753		
Theta	83.5°		

XY profile & fitting parameters :

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

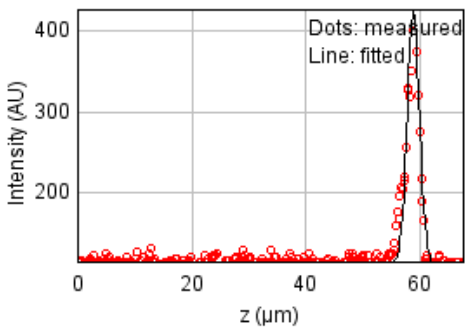




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.625

Parameters:
A = 559.825 (brightness)
B = 154.894 (background)
a = 0.811 px
b = 0.039 px
c = 0.467 px
xc = 7.145 px
yc = 5.124 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 47265.1589
Standard deviation: 12.40799
R^2: 0.94313
Parameters:
a = 114.14302
b = 426.29384
c = 58.89584
d = 1.05690

Bead 3303 (Rejected)

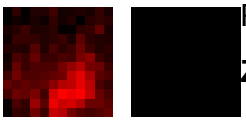
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 85.4 um (x), -6.93 um (y), 56.3 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	0	0	270 nm
max	0	0	270 nm
z	3.53 um	3.55 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

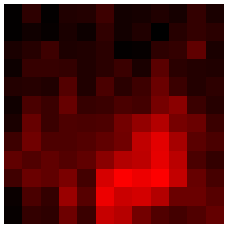
XY profile & fitting parameters :

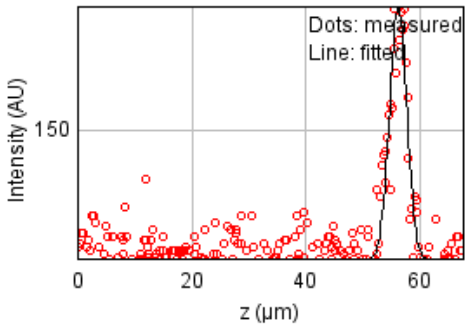
(red : the orignal data, green : the fit, yellow : the two merged)



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

Z profile & fitting parameters:





Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 15019.8345
Standard deviation: 6.99461
R^2: 0.80288
Parameters:
a = 112.18313
b = 186.30718
c = 56.25371
d = 1.49973

Bead 3304

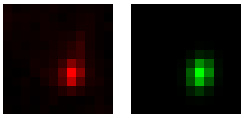
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

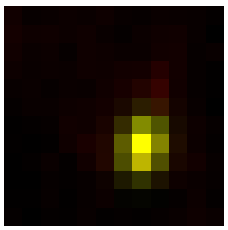
Coordinates : 91.1 um (x), -8.06 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	396 nm	412 nm	270 nm
max	540 nm	563 nm	270 nm
z	2.12 um	2.13 um	1.3 um
Asymmetry	0.732		
Theta	78.2°		

XY profile & fitting parameters :

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

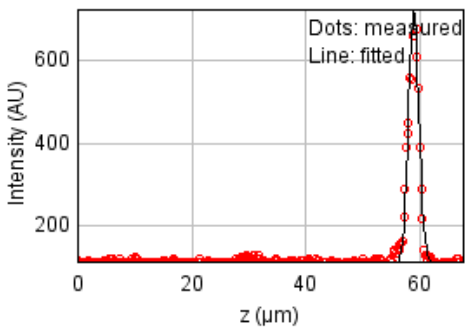




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.940

Parameters:
A = 606.078 (brightness)
B = 133.147 (background)
a = 0.841 px
b = 0.080 px
c = 0.476 px
xc = 7.091 px
yc = 7.123 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 52411.5993
Standard deviation: 13.06606
R^2: 0.97999
Parameters:
a = 112.50611
b = 721.25891
c = 58.96883
d = 0.90227

Bead 3305

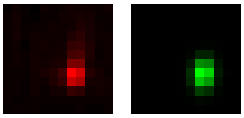
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

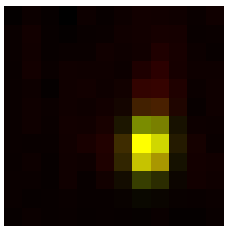
Coordinates : 119 um (x), -8.72 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	373 nm	388 nm	270 nm
max	557 nm	580 nm	270 nm
z	2.01 um	2.02 um	1.3 um
Asymmetry	0.668		
Theta	85.6°		

XY profile & fitting parameters :

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

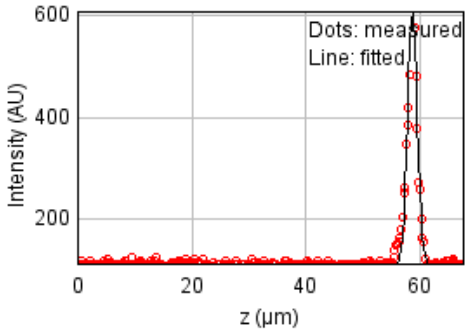




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.941

Parameters:
A = 587.968 (brightness)
B = 125.781 (background)
a = 0.964 px
b = 0.041 px
c = 0.435 px
xc = 7.404 px
yc = 7.149 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 35214.3587
Standard deviation: 10.71003
R^2: 0.97847
Parameters:
a = 112.74425
b = 606.47651
c = 58.73526
d = 0.85287

Bead 3306

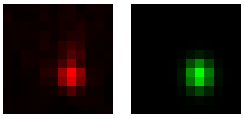
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

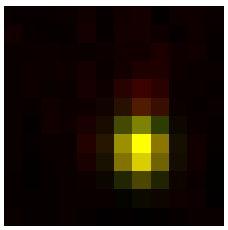
Coordinates : 117 um (x), -12.3 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	448 nm	467 nm	270 nm
max	553 nm	576 nm	270 nm
z	2.1 um	2.11 um	1.3 um
Asymmetry	0.811		
Theta	-87.8°		

XY profile & fitting parameters :

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

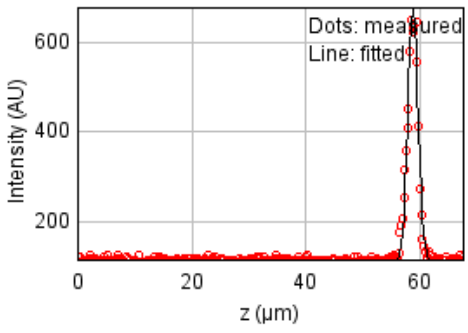




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.932

Parameters:
A = 524.155 (brightness)
B = 124.791 (background)
a = 0.667 px
b = -0.009 px
c = 0.439 px
xc = 6.935 px
yc = 7.260 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 47532.7950
Standard deviation: 12.44307
R^2: 0.97915
Parameters:
a = 111.98834
b = 683.15219
c = 58.83510
d = 0.89073

Bead 3307 (Rejected)

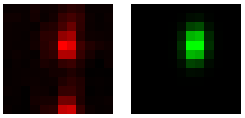
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

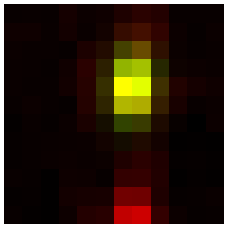
Coordinates : 106 um (x), -14.2 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	399 nm	416 nm	270 nm
max	632 nm	658 nm	270 nm
z	2.15 um	2.16 um	1.3 um
Asymmetry	0.632		
Theta	86.3°		

XY profile & fitting parameters :

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

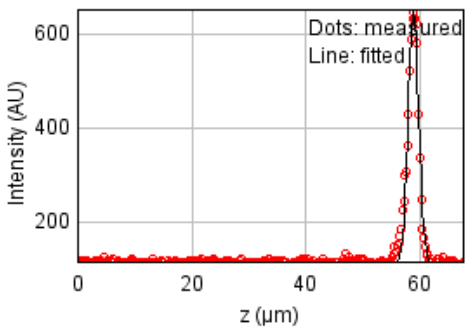




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.637

Parameters:
A = 559.756 (brightness)
B = 148.184 (background)
a = 0.839 px
b = 0.033 px
c = 0.338 px
xc = 6.504 px
yc = 3.961 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39658.4734
Standard deviation: 11.36577
R^2: 0.98101
Parameters:
a = 113.15520
b = 653.87227
c = 58.91518
d = 0.91323

Bead 3308 (Rejected)

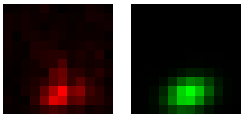
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

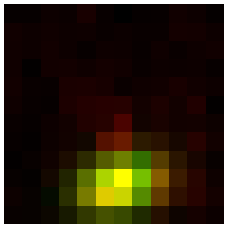
Coordinates : -87.4 um (x), -27.7 um (y), 55.5 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	538 nm	560 nm	270 nm
max	795 nm	828 nm	270 nm
z	3.42 um	3.44 um	1.3 um
Asymmetry	0.677		
Theta	17.2°		

XY profile & fitting parameters :

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

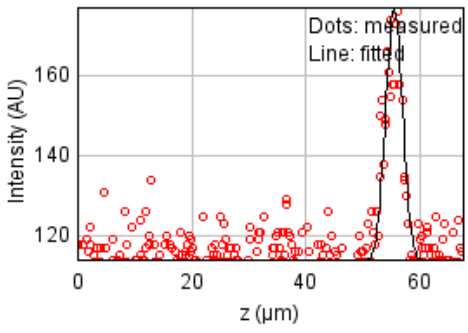




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.854

Parameters:
A = 256.223 (brightness)
B = 124.462 (background)
a = 0.234 px
b = 0.071 px
c = 0.441 px
xc = 5.793 px
yc = 9.324 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 13526.8307
Standard deviation: 6.63787
R^2: 0.76175
Parameters:
a = 113.69390
b = 176.90528
c = 55.52598
d = 1.45412

Bead 3309 (Rejected)

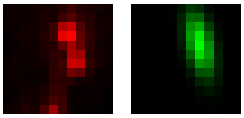
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

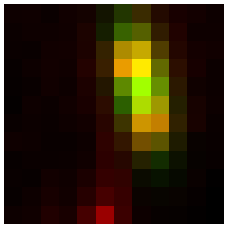
Coordinates : 94.6 um (x), -29.1 um (y), 59.2 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	463 nm	483 nm	270 nm
max	1.18 um	1.23 um	270 nm
z	2.63 um	2.64 um	1.3 um
Asymmetry	0.393		
Theta	-78.1°		

XY profile & fitting parameters :

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

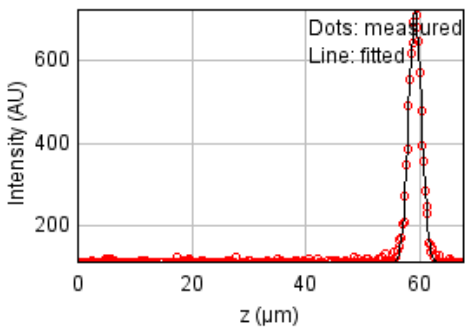




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.765

Parameters:
A = 564.305 (brightness)
B = 148.649 (background)
a = 0.602 px
b = -0.107 px
c = 0.119 px
xc = 6.990 px
yc = 3.856 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 19196.3510
Standard deviation: 7.90752
R^2: 0.99391
Parameters:
a = 113.00656
b = 721.28547
c = 59.20598
d = 1.11679

Bead 3310 (Rejected)

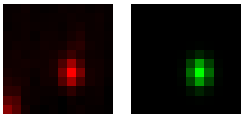
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

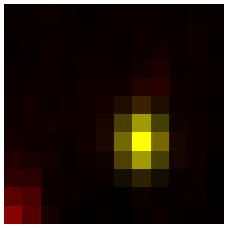
Coordinates : -1.98 um (x), -32.4 um (y), 59.0 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	388 nm	405 nm	270 nm
max	515 nm	536 nm	270 nm
z	2.0 um	2.01 um	1.3 um
Asymmetry	0.755		
Theta	89.6°		

XY profile & fitting parameters :

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

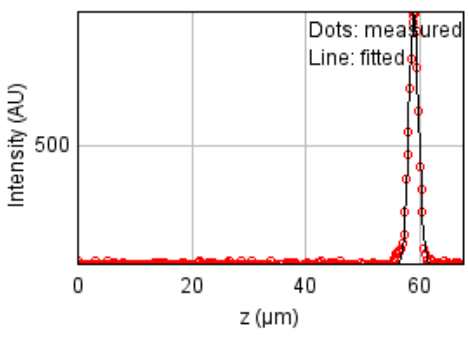




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.780

Parameters:
A = 781.616 (brightness)
B = 150.539 (background)
a = 0.889 px
b = 0.003 px
c = 0.507 px
xc = 6.993 px
yc = 6.993 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 31476.1070
Standard deviation: 10.12561
R^2: 0.99295
Parameters:
a = 114.03727
b = 937.93401
c = 58.97897
d = 0.84844

Bead 3311

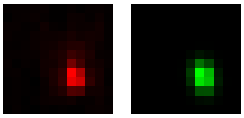
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

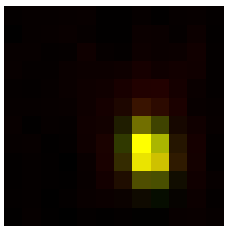
Coordinates : -16.6 um (x), -56.5 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	378 nm	394 nm	270 nm
max	540 nm	563 nm	270 nm
z	2.11 um	2.12 um	1.3 um
Asymmetry	0.7		
Theta	-79.5°		

XY profile & fitting parameters :

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

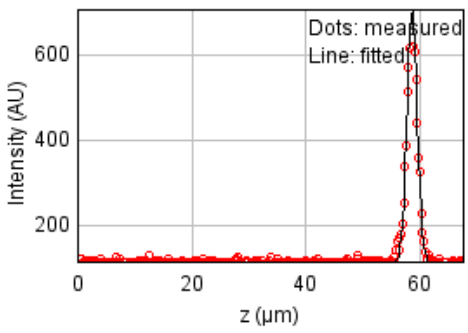




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.957

Parameters:
A = 735.936 (brightness)
B = 130.416 (background)
a = 0.922 px
b = -0.085 px
c = 0.475 px
xc = 7.357 px
yc = 7.443 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 26633.5739
Standard deviation: 9.31420
R^2: 0.98905
Parameters:
a = 114.27189
b = 705.90170
c = 58.67854
d = 0.89473

Bead 3312

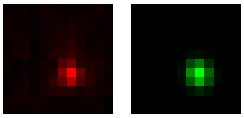
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

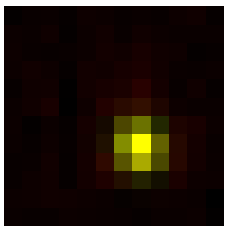
Coordinates : -95.3 um (x), -60.4 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	411 nm	428 nm	270 nm
max	476 nm	495 nm	270 nm
z	1.79 um	1.8 um	1.3 um
Asymmetry	0.864		
Theta	-74.5°		

XY profile & fitting parameters :

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

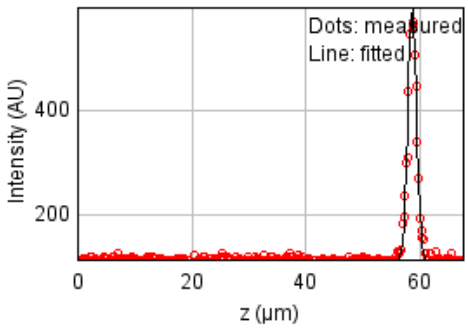




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.938

Parameters:
A = 443.156 (brightness)
B = 122.840 (background)
a = 0.780 px
b = -0.052 px
c = 0.607 px
xc = 6.892 px
yc = 7.154 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 22211.7086
Standard deviation: 8.50593
R^2: 0.98425
Parameters:
a = 112.85461
b = 598.92485
c = 58.70820
d = 0.75960

Bead 3313

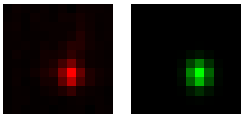
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

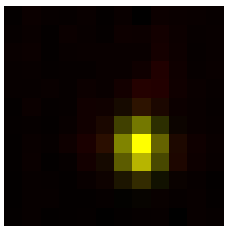
Coordinates : 89.7 um (x), -60.2 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	409 nm	426 nm	270 nm
max	495 nm	516 nm	270 nm
z	2.01 um	2.02 um	1.3 um
Asymmetry	0.826		
Theta	-87.3°		

XY profile & fitting parameters :

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

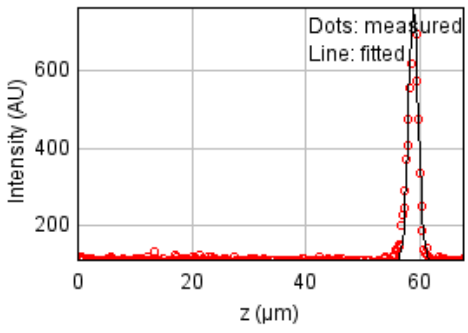




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.959

Parameters:
A = 664.702 (brightness)
B = 127.867 (background)
a = 0.802 px
b = -0.012 px
c = 0.548 px
xc = 6.913 px
yc = 7.186 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 52034.2708
Standard deviation: 13.01894
R^2: 0.98150
Parameters:
a = 112.75042
b = 761.04698
c = 58.90742
d = 0.85343

Bead 3314

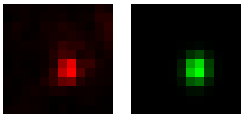
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

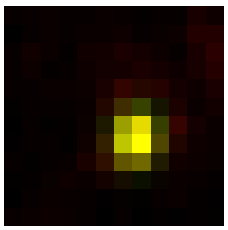
Coordinates : -110 um (x), -63.6 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	415 nm	432 nm	270 nm
max	507 nm	528 nm	270 nm
z	1.86 um	1.87 um	1.3 um
Asymmetry	0.818		
Theta	83.8°		

XY profile & fitting parameters :

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

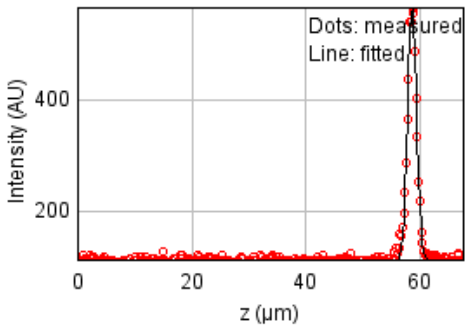




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.929

Parameters:
A = 491.921 (brightness)
B = 127.875 (background)
a = 0.776 px
b = 0.028 px
c = 0.525 px
xc = 6.678 px
yc = 6.666 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 16653.3319
Standard deviation: 7.36515
R^2: 0.98694
Parameters:
a = 113.12353
b = 566.89119
c = 58.68423
d = 0.79127

Bead 3315

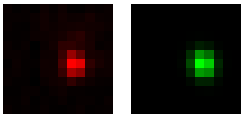
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

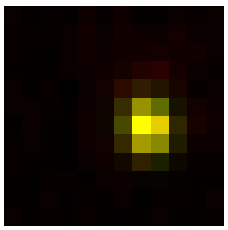
Coordinates : -75.8 um (x), -65.7 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	422 nm	440 nm	270 nm
max	506 nm	527 nm	270 nm
z	2.16 um	2.17 um	1.3 um
Asymmetry	0.834		
Theta	-78.9°		

XY profile & fitting parameters :

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

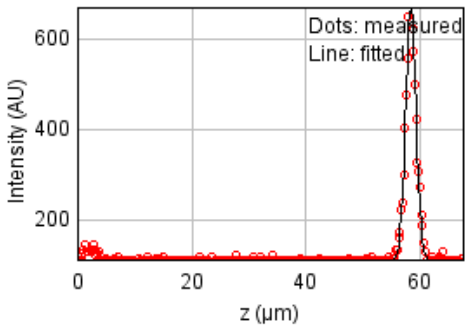




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 644.136 (brightness)
B = 123.197 (background)
a = 0.745 px
b = -0.043 px
c = 0.533 px
xc = 7.359 px
yc = 6.057 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 27627.2151
Standard deviation: 9.48635
R^2: 0.98753
Parameters:
a = 113.22574
b = 671.09015
c = 58.45742
d = 0.91666

Bead 3316

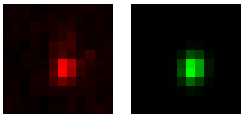
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

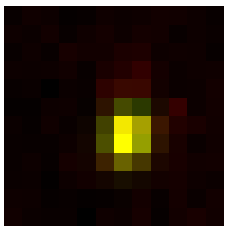
Coordinates : -124 um (x), -89.3 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	402 nm	419 nm	270 nm
max	511 nm	532 nm	270 nm
z	2.46 um	2.47 um	1.3 um
Asymmetry	0.787		
Theta	80.6°		

XY profile & fitting parameters :

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

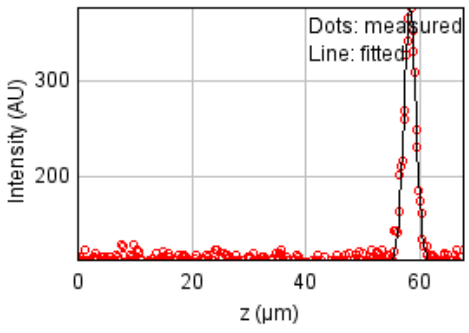




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.926

Parameters:
A = 323.548 (brightness)
B = 116.063 (background)
a = 0.823 px
b = 0.051 px
c = 0.523 px
xc = 6.239 px
yc = 6.567 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 14890.3006
Standard deviation: 6.96438
R^2: 0.97434
Parameters:
a = 111.18308
b = 377.81009
c = 58.30089
d = 1.04402

Bead 3317

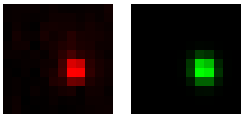
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

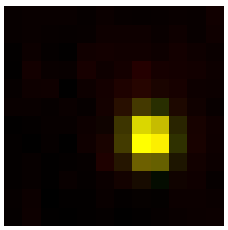
Coordinates : -86.1 um (x), -91.1 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	417 nm	435 nm	270 nm
max	484 nm	504 nm	270 nm
z	2.44 um	2.45 um	1.3 um
Asymmetry	0.862		
Theta	-80.2°		

XY profile & fitting parameters :

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

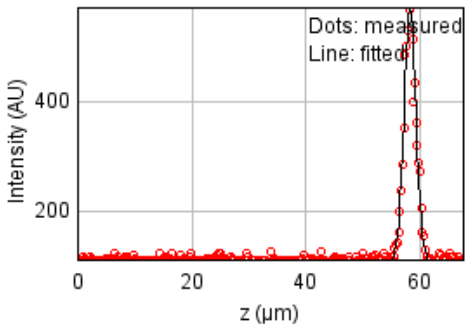




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 563.248 (brightness)
B = 125.158 (background)
a = 0.765 px
b = -0.033 px
c = 0.578 px
xc = 7.442 px
yc = 6.677 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28831.9844
Standard deviation: 9.69099
R^2: 0.98275
Parameters:
a = 112.36333
b = 568.40485
c = 58.30507
d = 1.03639

Bead 3318

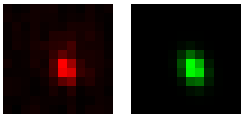
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

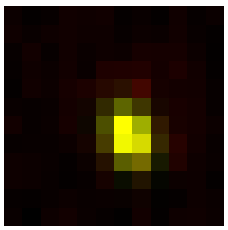
Coordinates : -117 um (x), 90.4 um (y), 58.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	405 nm	421 nm	270 nm
max	560 nm	584 nm	270 nm
z	1.96 um	1.97 um	1.3 um
Asymmetry	0.722		
Theta	-70.0°		

XY profile & fitting parameters :

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

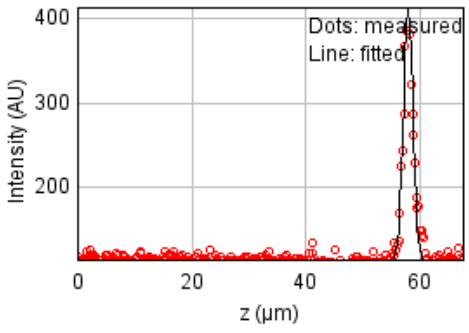




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.950

Parameters:
A = 389.790 (brightness)
B = 118.183 (background)
a = 0.774 px
b = -0.126 px
c = 0.473 px
xc = 6.345 px
yc = 6.563 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 21618.0594
Standard deviation: 8.39149
R^2: 0.96444
Parameters:
a = 113.15347
b = 415.42478
c = 57.98327
d = 0.83267

Bead 3319

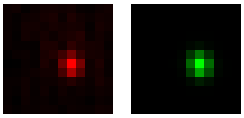
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

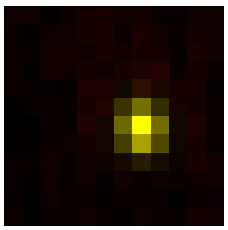
Coordinates : -141 um (x), 87.0 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	387 nm	403 nm	270 nm
max	460 nm	480 nm	270 nm
z	1.9 um	1.91 um	1.3 um
Asymmetry	0.841		
Theta	-81.1°		

XY profile & fitting parameters :

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

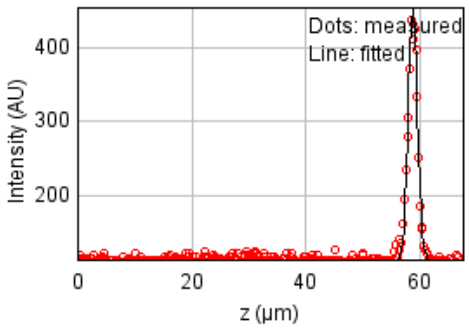




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.949

Parameters:
A = 385.397 (brightness)
B = 118.403 (background)
a = 0.890 px
b = -0.040 px
c = 0.639 px
xc = 7.015 px
yc = 6.137 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 20761.3993
Standard deviation: 8.22355
R^2: 0.97269
Parameters:
a = 111.17063
b = 455.88877
c = 58.80839
d = 0.80645

Bead 3320

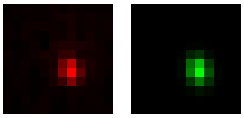
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

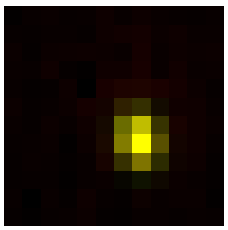
Coordinates : -118 um (x), 87.1 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	374 nm	390 nm	270 nm
max	503 nm	524 nm	270 nm
z	1.76 um	1.77 um	1.3 um
Asymmetry	0.744		
Theta	-79.2°		

XY profile & fitting parameters :

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

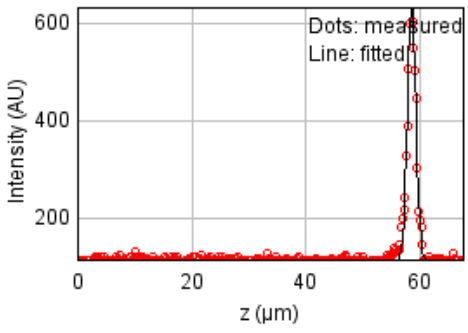




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.972

Parameters:
A = 601.211 (brightness)
B = 121.366 (background)
a = 0.943 px
b = -0.078 px
c = 0.545 px
xc = 6.863 px
yc = 6.756 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28756.0090
Standard deviation: 9.67821
R^2: 0.98214
Parameters:
a = 113.50091
b = 636.29063
c = 58.60931
d = 0.74753

Bead 3321

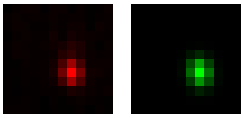
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

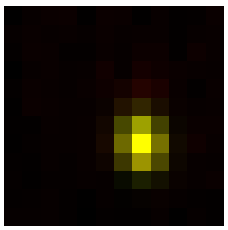
Coordinates : -112 um (x), 78.2 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	395 nm	411 nm	270 nm
max	519 nm	541 nm	270 nm
z	1.99 um	2.0 um	1.3 um
Asymmetry	0.761		
Theta	-82.9°		

XY profile & fitting parameters :

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

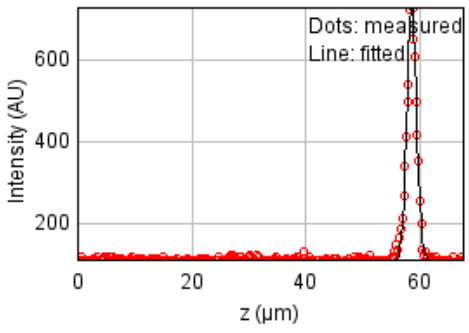




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 669.807 (brightness)
B = 123.632 (background)
a = 0.855 px
b = -0.045 px
c = 0.503 px
xc = 7.019 px
yc = 6.960 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 33694.8410
Standard deviation: 10.47641
R^2: 0.98663
Parameters:
a = 112.47064
b = 730.46233
c = 58.62418
d = 0.84574

Bead 3322

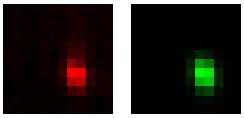
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

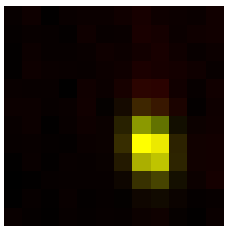
Coordinates : -133 um (x), 78.2 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	379 nm	395 nm	270 nm
max	562 nm	586 nm	270 nm
z	1.99 um	2.0 um	1.3 um
Asymmetry	0.675		
Theta	-78.2°		

XY profile & fitting parameters :

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

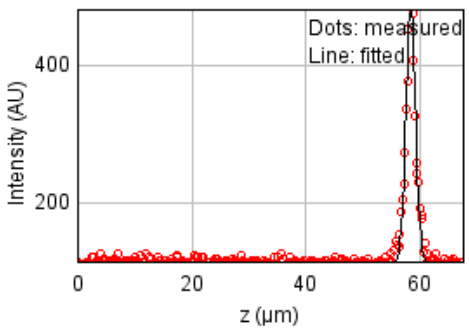




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 489.111 (brightness)
B = 118.243 (background)
a = 0.911 px
b = -0.101 px
c = 0.446 px
xc = 7.471 px
yc = 7.183 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 24352.0048
Standard deviation: 8.90632
R^2: 0.97328
Parameters:
a = 113.02724
b = 482.18788
c = 58.43884
d = 0.84534

Bead 3323

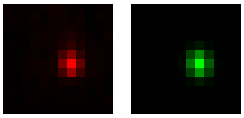
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

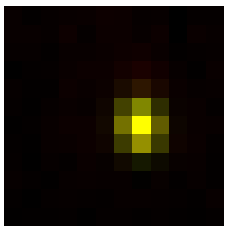
Coordinates : -87.1 um (x), 69.8 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	396 nm	270 nm
max	474 nm	493 nm	270 nm
z	1.78 um	1.79 um	1.3 um
Asymmetry	0.804		
Theta	-83.1°		

XY profile & fitting parameters :

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

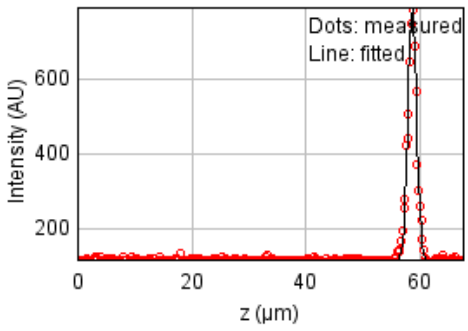




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 747.193 (brightness)
B = 121.993 (background)
a = 0.922 px
b = -0.039 px
c = 0.603 px
xc = 6.945 px
yc = 6.024 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 47329.2268
Standard deviation: 12.41639
R^2: 0.98260
Parameters:
a = 114.40802
b = 790.42452
c = 58.71812
d = 0.75565

Bead 3324

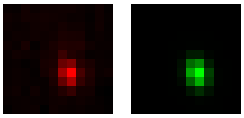
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

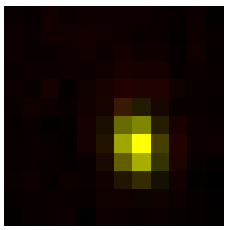
Coordinates : -25.1 um (x), 69.2 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	396 nm	270 nm
max	523 nm	545 nm	270 nm
z	1.88 um	1.88 um	1.3 um
Asymmetry	0.727		
Theta	-77.7°		

XY profile & fitting parameters :

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

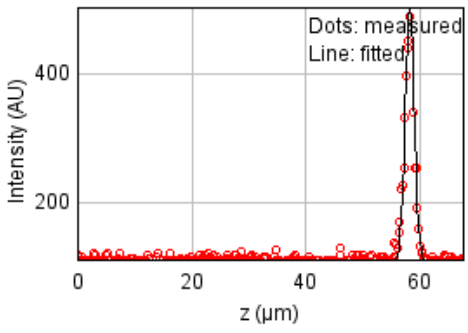




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.959

Parameters:
A = 376.276 (brightness)
B = 120.496 (background)
a = 0.907 px
b = -0.091 px
c = 0.510 px
xc = 6.743 px
yc = 7.075 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 29127.7152
Standard deviation: 9.74056
R^2: 0.96951
Parameters:
a = 112.71791
b = 500.84119
c = 58.25769
d = 0.79641

Bead 3325

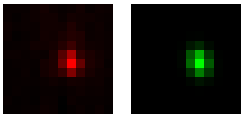
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

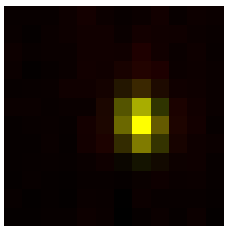
Coordinates : -116 um (x), 68.1 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	369 nm	385 nm	270 nm
max	498 nm	518 nm	270 nm
z	1.82 um	1.83 um	1.3 um
Asymmetry	0.742		
Theta	-79.2°		

XY profile & fitting parameters :

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

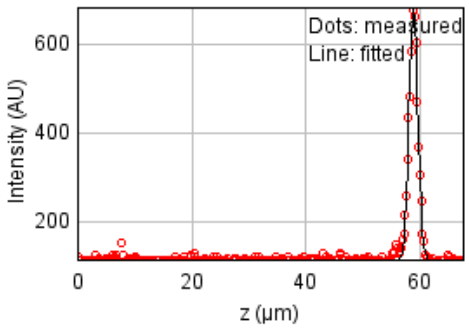




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 577.755 (brightness)
B = 120.022 (background)
a = 0.968 px
b = -0.081 px
c = 0.558 px
xc = 6.949 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: 23953.2716
Standard deviation: 8.83310
R^2: 0.98779
Parameters:
a = 112.71526
b = 681.79744
c = 58.92395
d = 0.77386

Bead 3326

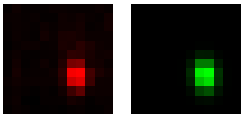
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

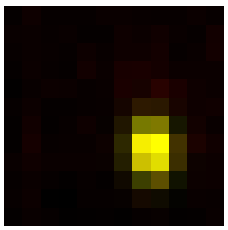
Coordinates : -153 um (x), 67.6 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	395 nm	412 nm	270 nm
max	552 nm	575 nm	270 nm
z	2.17 um	2.18 um	1.3 um
Asymmetry	0.717		
Theta	-85.0°		

XY profile & fitting parameters :

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

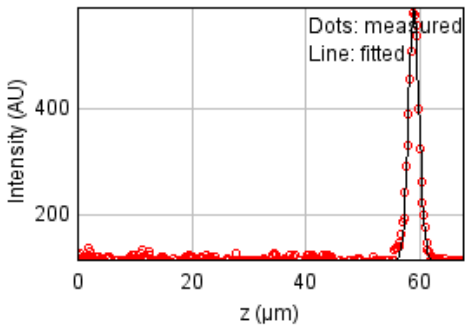




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 637.104 (brightness)
B = 125.252 (background)
a = 0.855 px
b = -0.036 px
c = 0.444 px
xc = 7.555 px
yc = 7.302 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25716.9583
Standard deviation: 9.15252
R^2: 0.98446
Parameters:
a = 113.01416
b = 592.81513
c = 58.98028
d = 0.92279

Bead 3327

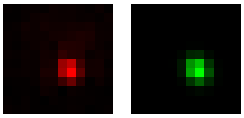
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

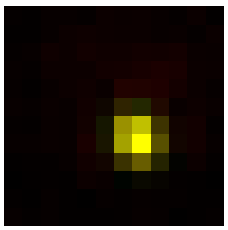
Coordinates : -150 um (x), 66.2 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	399 nm	415 nm	270 nm
max	468 nm	488 nm	270 nm
z	1.9 um	1.91 um	1.3 um
Asymmetry	0.851		
Theta	-65.9°		

XY profile & fitting parameters :

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

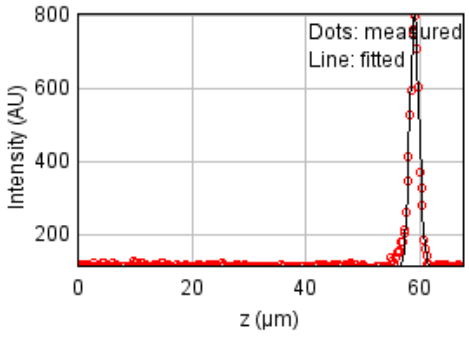




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 753.777 (brightness)
B = 124.799 (background)
a = 0.805 px
b = -0.087 px
c = 0.650 px
xc = 6.748 px
yc = 6.686 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 45128.2711
Standard deviation: 12.12426
R^2: 0.98533
Parameters:
a = 112.10711
b = 808.92158
c = 59.10190
d = 0.80888

Bead 3328

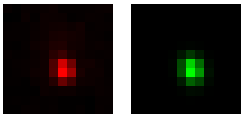
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

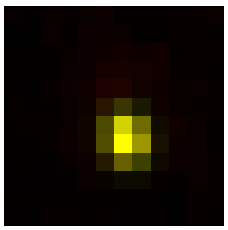
Coordinates : -78.3 um (x), 65.3 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	407 nm	270 nm
max	483 nm	503 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.811		
Theta	-76.8°		

XY profile & fitting parameters :

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

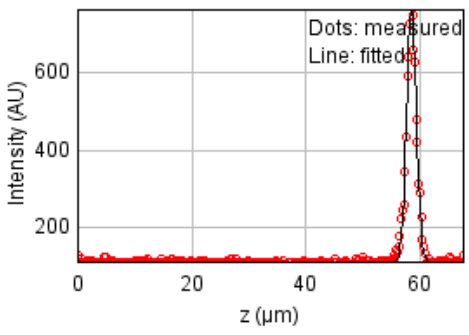




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 778.902 (brightness)
B = 123.497 (background)
a = 0.861 px
b = -0.067 px
c = 0.592 px
xc = 6.165 px
yc = 6.683 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 32471.9497
Standard deviation: 10.28454
R^2: 0.98847
Parameters:
a = 112.22924
b = 760.83026
c = 58.57453
d = 0.85986

Bead 3329

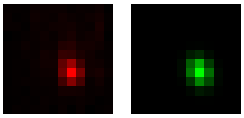
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

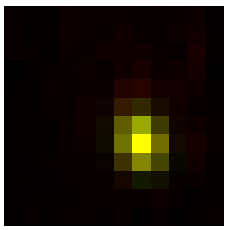
Coordinates : -97.0 um (x), 65.0 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	396 nm	413 nm	270 nm
max	518 nm	540 nm	270 nm
z	1.69 um	1.7 um	1.3 um
Asymmetry	0.765		
Theta	-73.1°		

XY profile & fitting parameters :

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

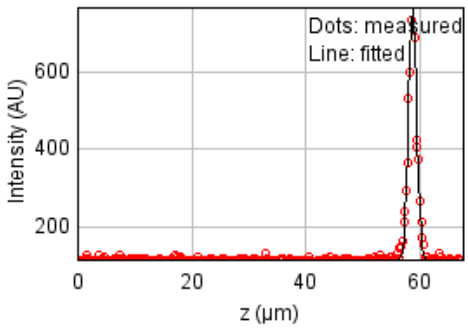




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 629.941 (brightness)
B = 122.726 (background)
a = 0.824 px
b = -0.099 px
c = 0.530 px
xc = 6.970 px
yc = 6.880 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 54352.5192
Standard deviation: 13.30579
R^2: 0.97747
Parameters:
a = 114.32850
b = 764.47501
c = 58.77007
d = 0.71951

Bead 3330

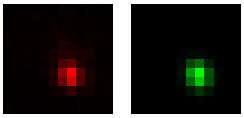
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

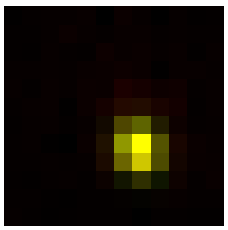
Coordinates : -70.4 um (x), 62.5 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	398 nm	414 nm	270 nm
max	485 nm	506 nm	270 nm
z	1.69 um	1.69 um	1.3 um
Asymmetry	0.82		
Theta	-72.8°		

XY profile & fitting parameters :

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

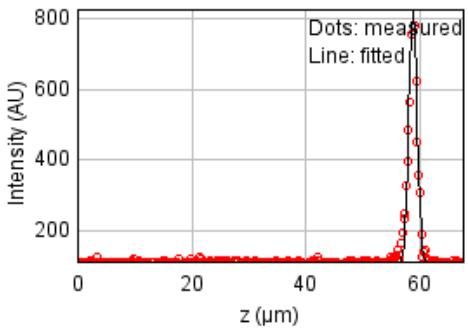




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 788.266 (brightness)
B = 123.576 (background)
a = 0.824 px
b = -0.078 px
c = 0.594 px
xc = 6.840 px
yc = 7.270 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 47114.4977
Standard deviation: 12.38820
R^2: 0.98372
Parameters:
a = 113.41852
b = 829.53354
c = 58.83395
d = 0.71589

Bead 3331

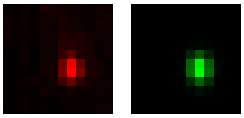
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

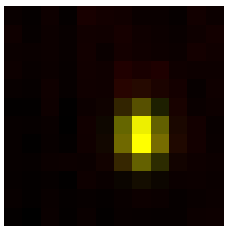
Coordinates : -119 um (x), 61.8 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	407 nm	270 nm
max	512 nm	533 nm	270 nm
z	2.07 um	2.08 um	1.3 um
Asymmetry	0.764		
Theta	-86.6°		

XY profile & fitting parameters :

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

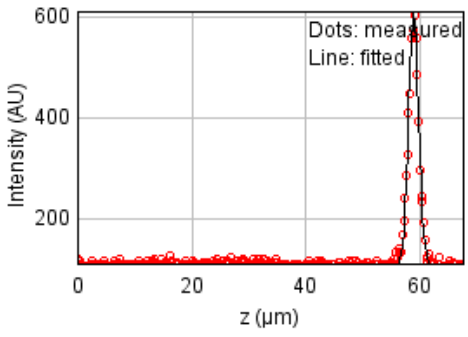




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 572.076 (brightness)
B = 122.795 (background)
a = 0.877 px
b = -0.022 px
c = 0.513 px
xc = 6.997 px
yc = 6.563 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 20804.7953
Standard deviation: 8.23214
R^2: 0.98768
Parameters:
a = 112.11909
b = 609.01421
c = 58.94640
d = 0.87862

Bead 3332

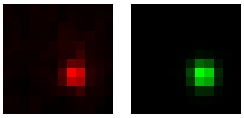
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

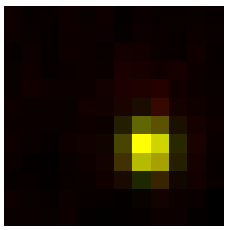
Coordinates : -91.2 um (x), 60.6 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	422 nm	439 nm	270 nm
max	467 nm	487 nm	270 nm
z	1.96 um	1.97 um	1.3 um
Asymmetry	0.902		
Theta	-81.7°		

XY profile & fitting parameters :

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

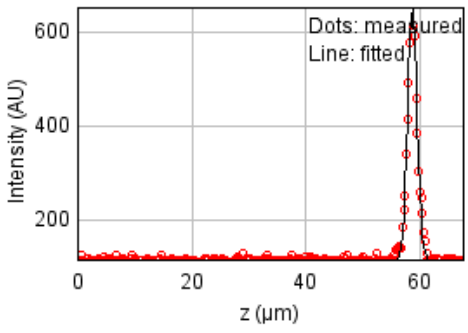




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 564.710 (brightness)
B = 120.403 (background)
a = 0.752 px
b = -0.020 px
c = 0.617 px
xc = 7.384 px
yc = 7.257 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 27171.5278
Standard deviation: 9.40779
R^2: 0.98573
Parameters:
a = 113.61013
b = 654.03656
c = 58.72926
d = 0.83379

Bead 3333 (Rejected)

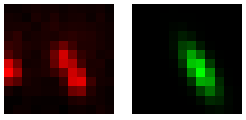
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

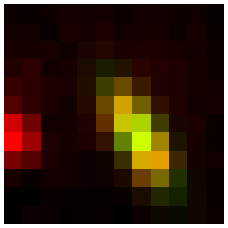
Coordinates : -144 um (x), 59.6 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	399 nm	415 nm	270 nm
max	1.01 um	1.05 um	270 nm
z	2.33 um	2.34 um	1.3 um
Asymmetry	0.394		
Theta	-60.8°		

XY profile & fitting parameters :

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

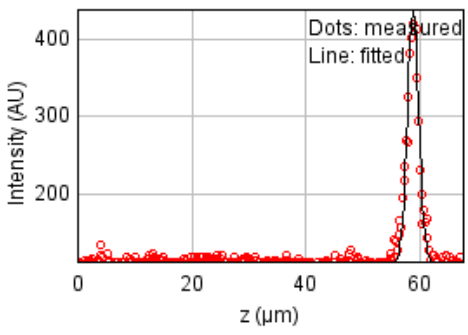




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.567

Parameters:
A = 423.138 (brightness)
B = 150.231 (background)
a = 0.675 px
b = -0.304 px
c = 0.301 px
xc = 6.856 px
yc = 6.672 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28724.2916
Standard deviation: 9.67287
R^2: 0.96593
Parameters:
a = 112.10831
b = 440.22762
c = 58.85329
d = 0.99014

Bead 3334

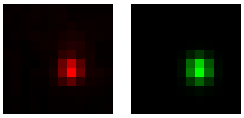
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

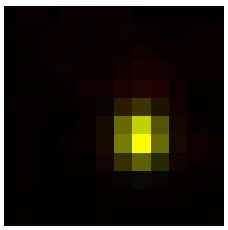
Coordinates : -82.1 um (x), 57.8 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	409 nm	426 nm	270 nm
max	479 nm	499 nm	270 nm
z	1.86 um	1.86 um	1.3 um
Asymmetry	0.855		
Theta	-87.4°		

XY profile & fitting parameters :

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

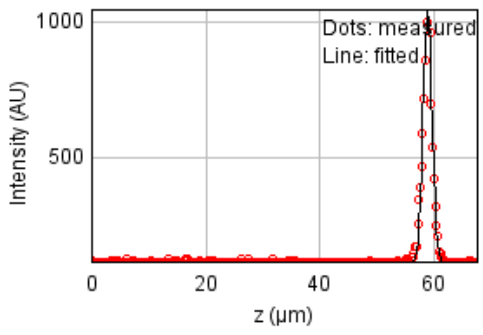




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 967.975 (brightness)
B = 127.417 (background)
a = 0.800 px
b = -0.010 px
c = 0.586 px
xc = 6.943 px
yc = 6.669 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 59725.4152
Standard deviation: 13.94795
R^2: 0.98877
Parameters:
a = 113.99657
b = 1043.73996
c = 58.94495
d = 0.78786

Bead 3335

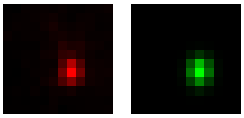
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

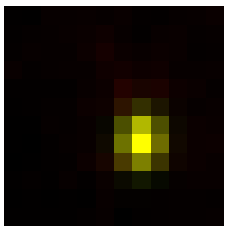
Coordinates : -60.7 um (x), 57.8 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	400 nm	417 nm	270 nm
max	512 nm	533 nm	270 nm
z	1.77 um	1.78 um	1.3 um
Asymmetry	0.781		
Theta	87.7°		

XY profile & fitting parameters :

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

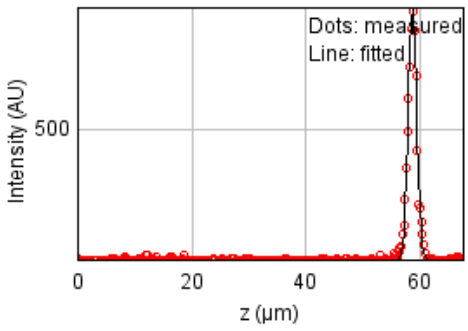




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 718.700 (brightness)
B = 124.730 (background)
a = 0.838 px
b = 0.013 px
c = 0.512 px
xc = 6.987 px
yc = 6.824 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39922.1207
Standard deviation: 11.40349
R^2: 0.98777
Parameters:
a = 113.07384
b = 857.06864
c = 58.74807
d = 0.75243

Bead 3336 (Rejected)

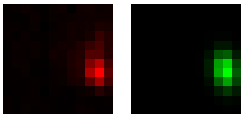
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

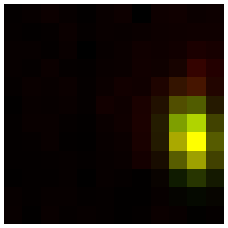
Coordinates : 99.2 um (x), 55.6 um (y), 57.5 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	427 nm	444 nm	270 nm
max	653 nm	680 nm	270 nm
z	3.71 um	3.73 um	1.3 um
Asymmetry	0.654		
Theta	-81.1°		

XY profile & fitting parameters :

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

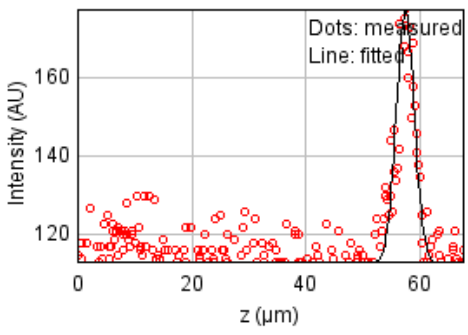




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.933

Parameters:
A = 605.359 (brightness)
B = 129.148 (background)
a = 0.727 px
b = -0.064 px
c = 0.325 px
xc = 9.764 px
yc = 6.742 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 14601.0104
Standard deviation: 6.89640
R^2: 0.76773
Parameters:
a = 112.88725
b = 177.24995
c = 57.47962
d = 1.57599

Bead 3337

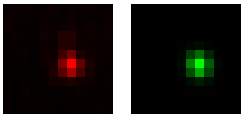
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

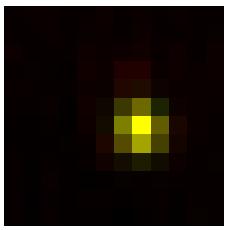
Coordinates : -64.3 um (x), 50.5 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	392 nm	409 nm	270 nm
max	452 nm	471 nm	270 nm
z	1.76 um	1.77 um	1.3 um
Asymmetry	0.867		
Theta	-77.5°		

XY profile & fitting parameters :

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

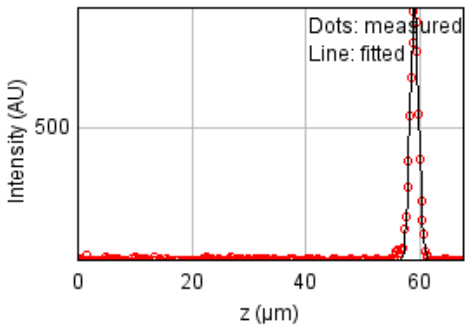




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.972

Parameters:
A = 770.055 (brightness)
B = 121.193 (background)
a = 0.862 px
b = -0.046 px
c = 0.666 px
xc = 6.914 px
yc = 6.160 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25314.0714
Standard deviation: 9.08054
R^2: 0.99223
Parameters:
a = 114.13615
b = 861.26865
c = 59.08338
d = 0.74831

Bead 3338

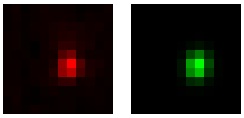
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

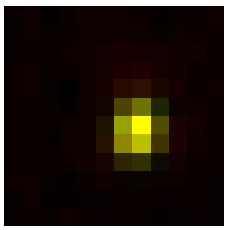
Coordinates : -96.0 um (x), 48.7 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	397 nm	414 nm	270 nm
max	498 nm	519 nm	270 nm
z	1.66 um	1.67 um	1.3 um
Asymmetry	0.798		
Theta	81.5°		

XY profile & fitting parameters :

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

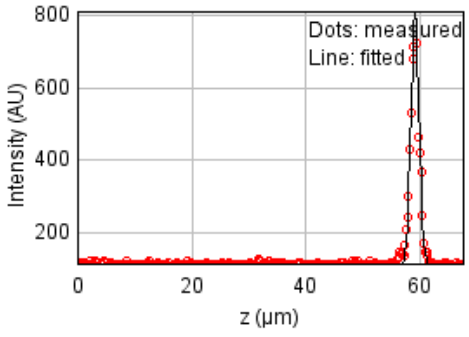




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 761.162 (brightness)
B = 123.205 (background)
a = 0.843 px
b = 0.045 px
c = 0.547 px
xc = 6.756 px
yc = 6.258 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39171.6627
Standard deviation: 11.29580
R^2: 0.98557
Parameters:
a = 113.11979
b = 811.77638
c = 59.19241
d = 0.70639

Bead 3339

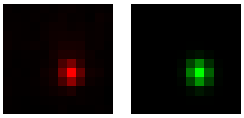
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

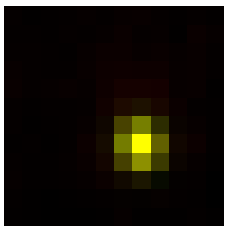
Coordinates : -50.6 um (x), 45.0 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	395 nm	411 nm	270 nm
max	460 nm	479 nm	270 nm
z	1.85 um	1.86 um	1.3 um
Asymmetry	0.858		
Theta	-79.9°		

XY profile & fitting parameters :

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

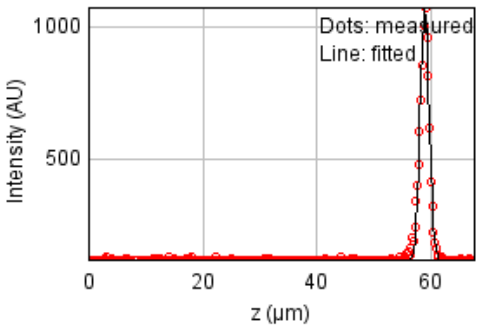




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 992.678 (brightness)
B = 127.145 (background)
a = 0.853 px
b = -0.039 px
c = 0.641 px
xc = 6.927 px
yc = 7.044 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 60423.3869
Standard deviation: 14.02921
R^2: 0.98935
Parameters:
a = 114.44851
b = 1075.14070
c = 58.96361
d = 0.78713

Bead 3340

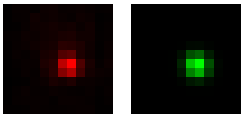
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

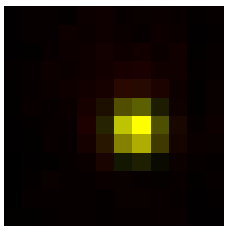
Coordinates : -25.4 um (x), 43.6 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	429 nm	447 nm	270 nm
max	448 nm	467 nm	270 nm
z	1.71 um	1.72 um	1.3 um
Asymmetry	0.958		
Theta	-64.8°		

XY profile & fitting parameters :

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

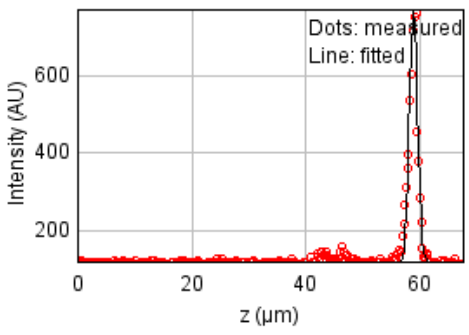




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 757.637 (brightness)
B = 124.232 (background)
a = 0.717 px
b = -0.023 px
c = 0.679 px
xc = 6.689 px
yc = 6.208 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 77180.2014
Standard deviation: 15.85564
R^2: 0.96913
Parameters:
a = 116.68592
b = 773.01244
c = 58.92852
d = 0.72582

Bead 3341

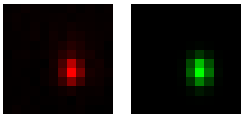
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

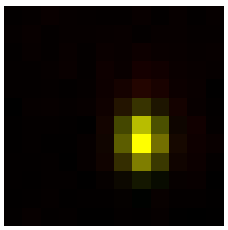
Coordinates : -100 um (x), 43.3 um (y), 59.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	382 nm	398 nm	270 nm
max	516 nm	537 nm	270 nm
z	1.85 um	1.86 um	1.3 um
Asymmetry	0.74		
Theta	-88.0°		

XY profile & fitting parameters :

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

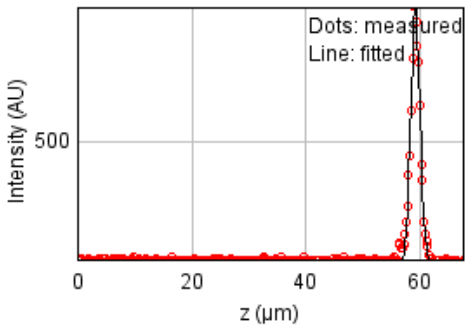




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 858.311 (brightness)
B = 126.467 (background)
a = 0.920 px
b = -0.014 px
c = 0.505 px
xc = 7.044 px
yc = 6.800 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 40194.0408
Standard deviation: 11.44226
R^2: 0.99048
Parameters:
a = 113.94399
b = 943.58620
c = 59.25487
d = 0.78678

Bead 3342 (Rejected)

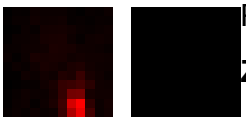
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 154 um (x), 39.1 um (y), 57.7 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	0	0	270 nm
max	0	0	270 nm
z	3.21 um	3.23 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

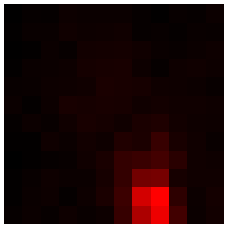
XY profile & fitting parameters :

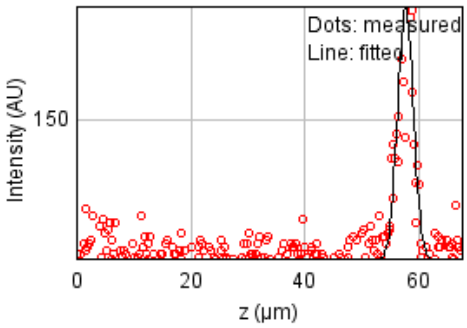
(red : the orignal data, green : the fit, yellow : the two merged)



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

Z profile & fitting parameters:





Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 12564.1581
Standard deviation: 6.39731
R^2: 0.81551
Parameters:
a = 109.12505
b = 182.89864
c = 57.69265
d = 1.36395

Bead 3343

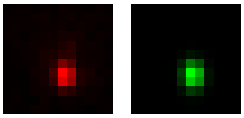
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

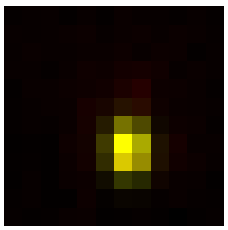
Coordinates : -25.0 um (x), 38.5 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	377 nm	393 nm	270 nm
max	507 nm	528 nm	270 nm
z	1.9 um	1.91 um	1.3 um
Asymmetry	0.744		
Theta	-87.1°		

XY profile & fitting parameters :

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

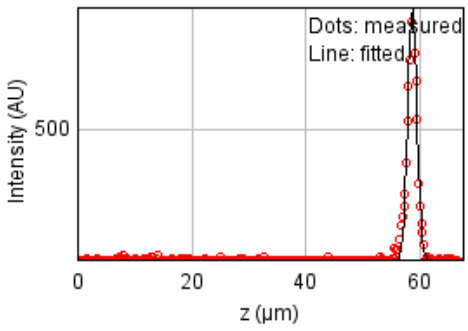




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 886.218 (brightness)
B = 129.685 (background)
a = 0.941 px
b = -0.022 px
c = 0.522 px
xc = 6.290 px
yc = 7.282 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 45209.7373
Standard deviation: 12.13520
R^2: 0.98718
Parameters:
a = 114.14258
b = 861.38365
c = 58.72629
d = 0.80822

Bead 3344

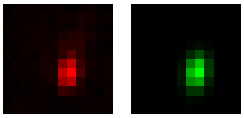
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

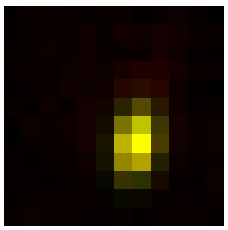
Coordinates : 2.79 um (x), 38.2 um (y), 58.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	383 nm	399 nm	270 nm
max	621 nm	646 nm	270 nm
z	2.59 um	2.6 um	1.3 um
Asymmetry	0.617		
Theta	81.1°		

XY profile & fitting parameters :

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

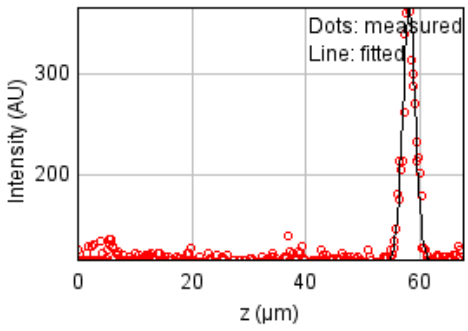




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 565.526 (brightness)
B = 128.378 (background)
a = 0.902 px
b = 0.087 px
c = 0.362 px
xc = 6.701 px
yc = 6.939 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28765.5709
Standard deviation: 9.67982
R^2: 0.94845
Parameters:
a = 114.41475
b = 366.30767
c = 58.13720
d = 1.09834

Bead 3345

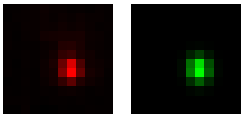
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

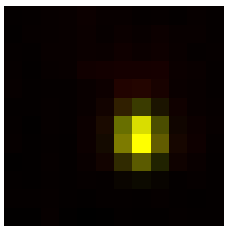
Coordinates : -65.6 um (x), 36.1 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	408 nm	270 nm
max	477 nm	497 nm	270 nm
z	1.87 um	1.88 um	1.3 um
Asymmetry	0.821		
Theta	-86.0°		

XY profile & fitting parameters :

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

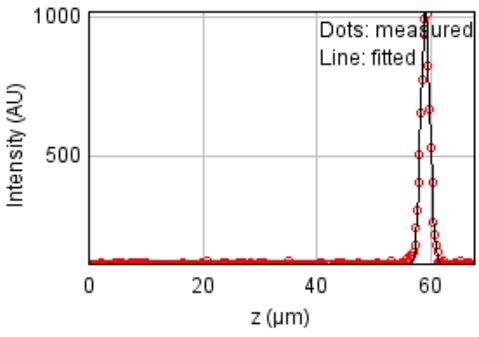




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 990.055 (brightness)
B = 124.176 (background)
a = 0.874 px
b = -0.020 px
c = 0.591 px
xc = 6.909 px
yc = 6.621 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25133.7066
Standard deviation: 9.04814
R^2: 0.99511
Parameters:
a = 114.01950
b = 1026.73576
c = 59.08590
d = 0.79486

Bead 3346

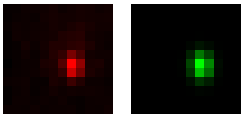
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

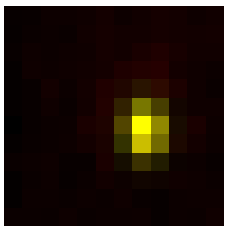
Coordinates : 54.8 um (x), 31.5 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	372 nm	387 nm	270 nm
max	505 nm	526 nm	270 nm
z	1.86 um	1.87 um	1.3 um
Asymmetry	0.736		
Theta	-87.9°		

XY profile & fitting parameters :

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

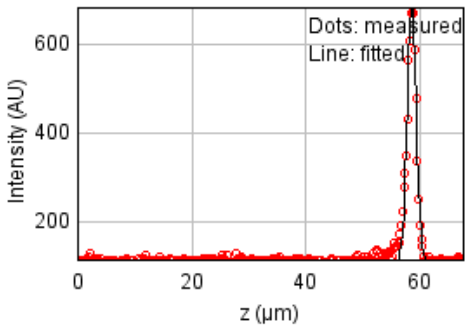




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.955

Parameters:
A = 579.667 (brightness)
B = 124.237 (background)
a = 0.971 px
b = -0.016 px
c = 0.527 px
xc = 7.180 px
yc = 6.226 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39063.1246
Standard deviation: 11.28014
R^2: 0.98081
Parameters:
a = 113.34986
b = 685.03344
c = 58.61821
d = 0.79099

Bead 3347

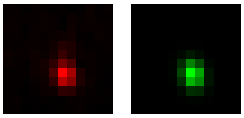
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

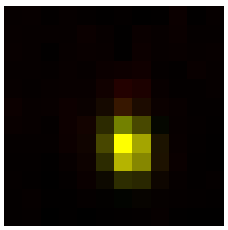
Coordinates : 718 nm (x), 30.6 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	407 nm	270 nm
max	517 nm	539 nm	270 nm
z	1.89 um	1.9 um	1.3 um
Asymmetry	0.756		
Theta	-78.1°		

XY profile & fitting parameters :

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

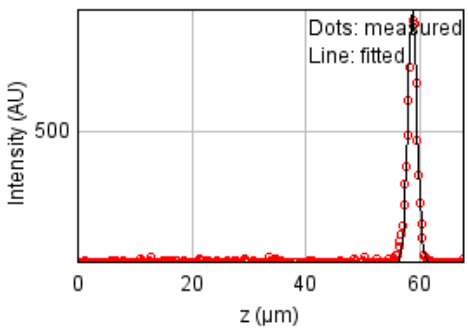




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 740.710 (brightness)
B = 126.323 (background)
a = 0.862 px
b = -0.076 px
c = 0.517 px
xc = 6.263 px
yc = 7.199 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 44931.3643
Standard deviation: 12.09778
R^2: 0.98708
Parameters:
a = 113.81862
b = 858.20334
c = 58.74443
d = 0.80245

Bead 3348

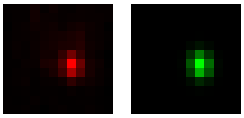
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

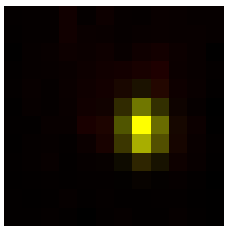
Coordinates : 24.9 um (x), 27.6 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	370 nm	385 nm	270 nm
max	484 nm	504 nm	270 nm
z	1.98 um	1.99 um	1.3 um
Asymmetry	0.764		
Theta	-85.1°		

XY profile & fitting parameters :

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

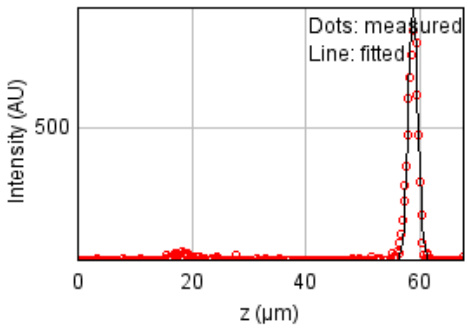




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.960

Parameters:
A = 781.742 (brightness)
B = 127.252 (background)
a = 0.980 px
b = -0.035 px
c = 0.576 px
xc = 7.068 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: 73174.7909
Standard deviation: 15.43873
R^2: 0.97949
Parameters:
a = 116.01576
b = 851.03614
c = 58.85832
d = 0.83958

Bead 3349

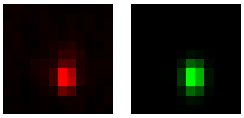
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

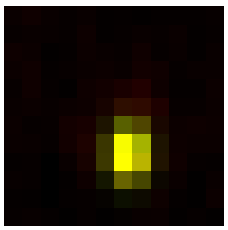
Coordinates : 20.5 um (x), 26.6 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	378 nm	394 nm	270 nm
max	532 nm	554 nm	270 nm
z	1.95 um	1.96 um	1.3 um
Asymmetry	0.711		
Theta	89.4°		

XY profile & fitting parameters :

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

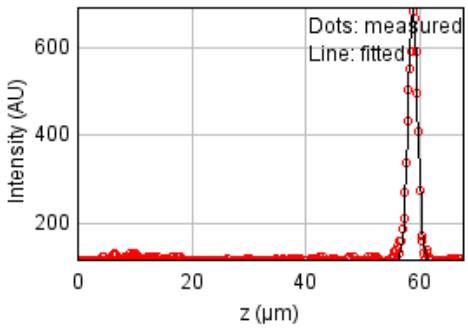




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.969

Parameters:
A = 691.235 (brightness)
B = 126.526 (background)
a = 0.937 px
b = 0.005 px
c = 0.474 px
xc = 6.315 px
yc = 7.513 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 33751.2034
Standard deviation: 10.48517
R^2: 0.98463
Parameters:
a = 114.59763
b = 695.87812
c = 58.82378
d = 0.83013

Bead 3350

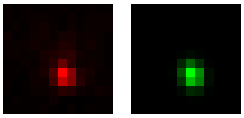
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

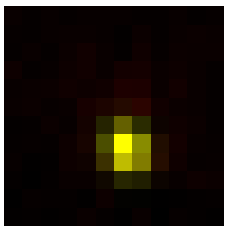
Coordinates : -11.2 um (x), 25.3 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	380 nm	396 nm	270 nm
max	468 nm	487 nm	270 nm
z	1.82 um	1.82 um	1.3 um
Asymmetry	0.813		
Theta	-72.1°		

XY profile & fitting parameters :

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

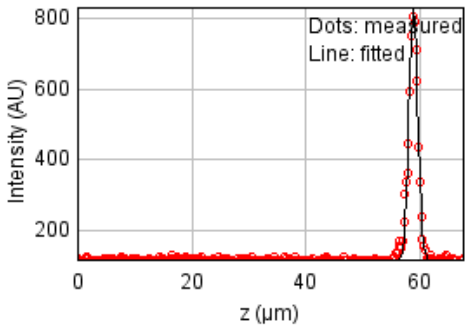




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.960

Parameters:
A = 726.346 (brightness)
B = 128.913 (background)
a = 0.899 px
b = -0.092 px
c = 0.643 px
xc = 6.194 px
yc = 7.291 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 43430.3283
Standard deviation: 11.89398
R^2: 0.98611
Parameters:
a = 113.86557
b = 832.78760
c = 58.91483
d = 0.77148

Bead 3351

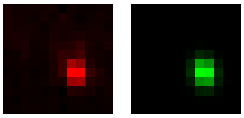
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

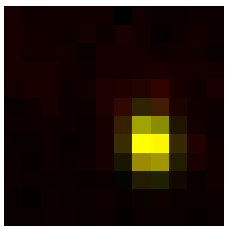
Coordinates : -8.91 um (x), 24.3 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	387 nm	403 nm	270 nm
max	508 nm	530 nm	270 nm
z	2.11 um	2.12 um	1.3 um
Asymmetry	0.761		
Theta	-80.9°		

XY profile & fitting parameters :

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

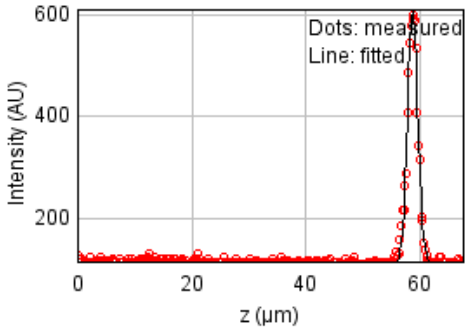




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.959

Parameters:
A = 578.453 (brightness)
B = 125.955 (background)
a = 0.887 px
b = -0.059 px
c = 0.529 px
xc = 7.478 px
yc = 6.978 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 20545.0376
Standard deviation: 8.18058
R^2: 0.98805
Parameters:
a = 113.96975
b = 610.75317
c = 58.78183
d = 0.89666

Bead 3352

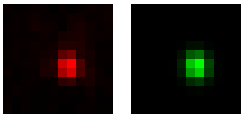
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

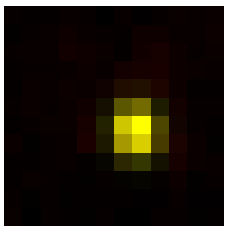
Coordinates : -5.57 um (x), 20.7 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	416 nm	434 nm	270 nm
max	497 nm	518 nm	270 nm
z	1.76 um	1.77 um	1.3 um
Asymmetry	0.837		
Theta	-84.5°		

XY profile & fitting parameters :

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

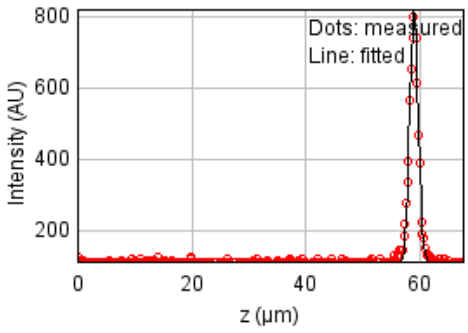




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 788.986 (brightness)
B = 123.507 (background)
a = 0.772 px
b = -0.022 px
c = 0.545 px
xc = 6.672 px
yc = 6.287 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 34771.6765
Standard deviation: 10.64250
R^2: 0.98806
Parameters:
a = 114.18001
b = 819.64789
c = 59.01496
d = 0.74665

Bead 3353 (Rejected)

Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : -47.7 um (x), 18.6 um (y), 45.8 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

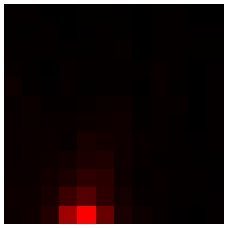
FWHM	Non corrected	Corrected	Theoretical
min	0	0	270 nm
max	0	0	270 nm
z	2.12 um	2.13 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

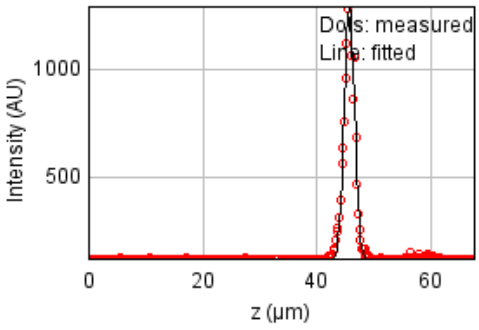
XY profile & fitting parameters :

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

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

Z profile & fitting parameters:





Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 159094.949
Standard deviation: 22.76455
R^2: 0.98371
Parameters:
a = 116.10940
b = 1295.91336
c = 45.76936
d = 0.89889

Bead 3354

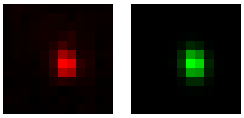
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

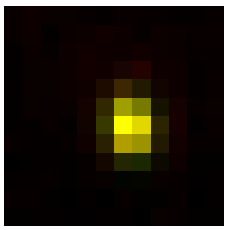
Coordinates : -20.8 um (x), 17.7 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	401 nm	417 nm	270 nm
max	534 nm	556 nm	270 nm
z	2.05 um	2.06 um	1.3 um
Asymmetry	0.751		
Theta	-82.2°		

XY profile & fitting parameters :

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

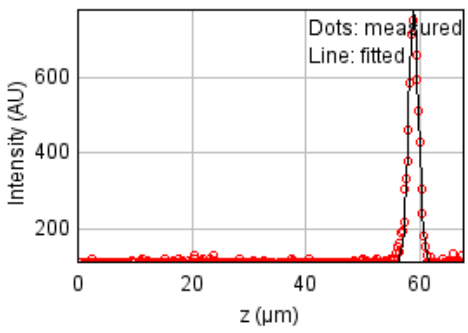




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 796.074 (brightness)
B = 125.414 (background)
a = 0.830 px
b = -0.049 px
c = 0.478 px
xc = 6.401 px
yc = 6.038 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 33288.4958
Standard deviation: 10.41305
R^2: 0.98888
Parameters:
a = 113.54851
b = 777.94644
c = 58.95397
d = 0.87187

Bead 3355

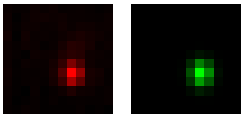
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

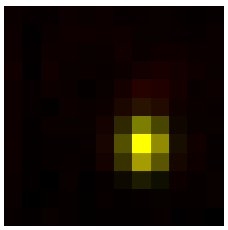
Coordinates : 52.6 um (x), 17.7 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	389 nm	405 nm	270 nm
max	472 nm	492 nm	270 nm
z	1.95 um	1.96 um	1.3 um
Asymmetry	0.824		
Theta	89.5°		

XY profile & fitting parameters :

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

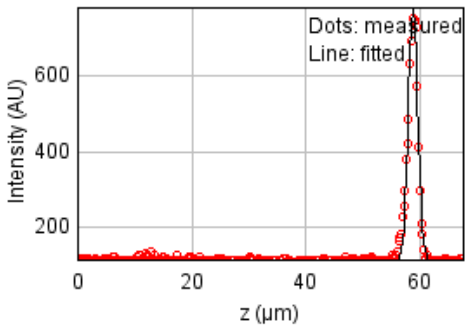




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 702.431 (brightness)
B = 129.502 (background)
a = 0.886 px
b = 0.002 px
c = 0.602 px
xc = 7.157 px
yc = 7.089 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 51612.5275
Standard deviation: 12.96607
R^2: 0.98245
Parameters:
a = 114.82367
b = 787.40546
c = 58.85101
d = 0.82854

Bead 3356

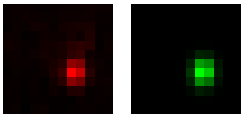
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

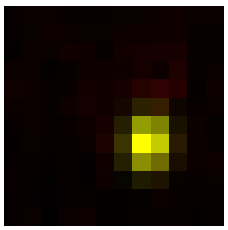
Coordinates : 55.5 um (x), 17.5 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	384 nm	400 nm	270 nm
max	501 nm	522 nm	270 nm
z	2.05 um	2.06 um	1.3 um
Asymmetry	0.768		
Theta	86.3°		

XY profile & fitting parameters :

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

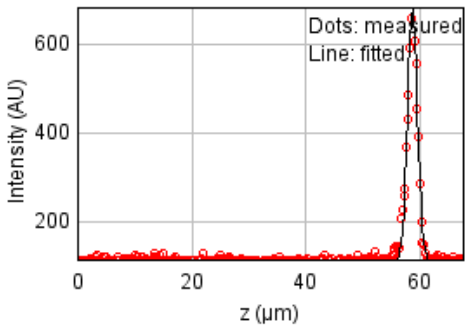




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 631.375 (brightness)
B = 126.835 (background)
a = 0.906 px
b = 0.024 px
c = 0.536 px
xc = 7.373 px
yc = 6.936 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28079.7543
Standard deviation: 9.56373
R^2: 0.98718
Parameters:
a = 113.91558
b = 682.19493
c = 58.75450
d = 0.87045

Bead 3357

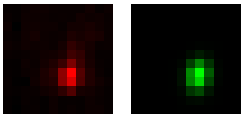
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

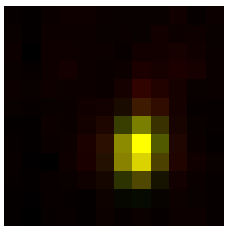
Coordinates : 71.2 um (x), 17.0 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	400 nm	416 nm	270 nm
max	554 nm	577 nm	270 nm
z	2.08 um	2.09 um	1.3 um
Asymmetry	0.721		
Theta	80.9°		

XY profile & fitting parameters :

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

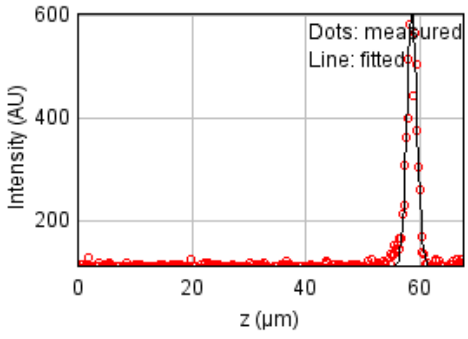




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.945

Parameters:
A = 536.039 (brightness)
B = 126.344 (background)
a = 0.830 px
b = 0.063 px
c = 0.447 px
xc = 6.844 px
yc = 7.305 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 45930.0439
Standard deviation: 12.23149
R^2: 0.97280
Parameters:
a = 113.37684
b = 604.74845
c = 58.64332
d = 0.88539

Bead 3358

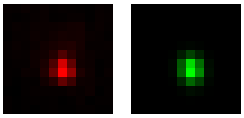
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

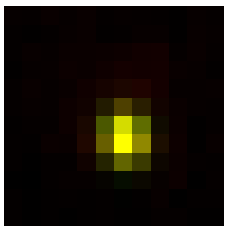
Coordinates : 20.3 um (x), 16.7 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	406 nm	423 nm	270 nm
max	500 nm	521 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.812		
Theta	-82.6°		

XY profile & fitting parameters :

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

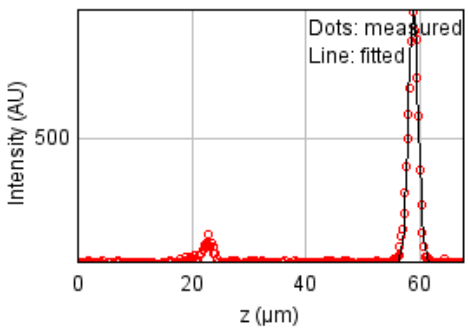




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 877.124 (brightness)
B = 126.623 (background)
a = 0.808 px
b = -0.035 px
c = 0.540 px
xc = 6.096 px
yc = 6.646 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 81653.7010
Standard deviation: 16.30868
R^2: 0.98027
Parameters:
a = 117.22410
b = 900.54527
c = 58.89635
d = 0.85950

Bead 3359

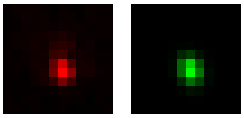
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

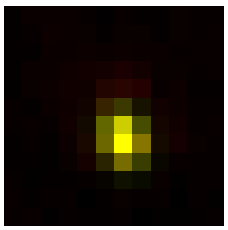
Coordinates : -26.4 um (x), 16.0 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	392 nm	408 nm	270 nm
max	516 nm	538 nm	270 nm
z	2.08 um	2.09 um	1.3 um
Asymmetry	0.759		
Theta	-72.4°		

XY profile & fitting parameters :

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

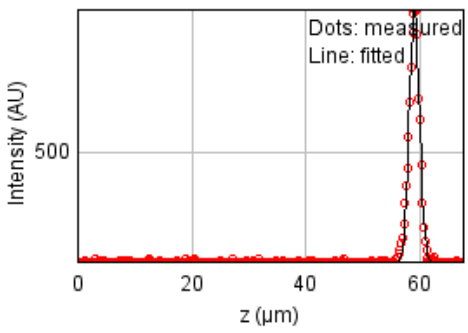




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 910.191 (brightness)
B = 128.735 (background)
a = 0.840 px
b = -0.107 px
c = 0.538 px
xc = 6.003 px
yc = 6.702 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39167.9103
Standard deviation: 11.29525
R^2: 0.99278
Parameters:
a = 112.75620
b = 1003.90912
c = 59.08610
d = 0.88186

Bead 3360

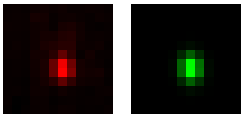
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

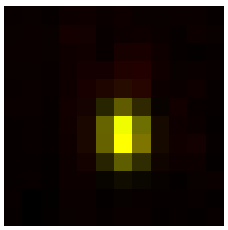
Coordinates : 229 nm (x), 14.7 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	393 nm	409 nm	270 nm
max	515 nm	536 nm	270 nm
z	1.89 um	1.9 um	1.3 um
Asymmetry	0.763		
Theta	-87.4°		

XY profile & fitting parameters :

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

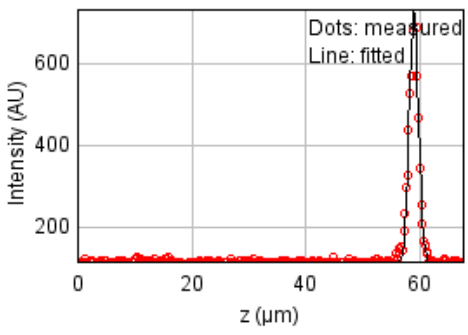




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.969

Parameters:
A = 728.362 (brightness)
B = 127.213 (background)
a = 0.869 px
b = -0.017 px
c = 0.508 px
xc = 6.041 px
yc = 6.510 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25088.4157
Standard deviation: 9.03998
R^2: 0.98957
Parameters:
a = 114.44122
b = 734.54723
c = 58.99946
d = 0.80196

Bead 3361

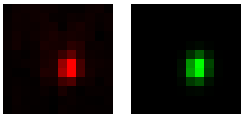
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

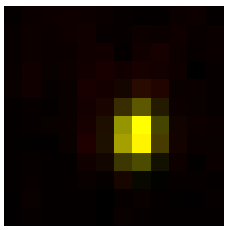
Coordinates : 10.1 um (x), 14.1 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	379 nm	395 nm	270 nm
max	492 nm	513 nm	270 nm
z	2.02 um	2.02 um	1.3 um
Asymmetry	0.77		
Theta	81.3°		

XY profile & fitting parameters :

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

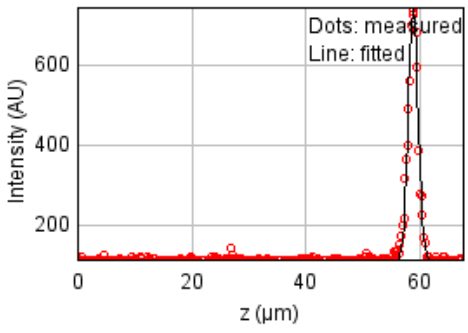




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 721.198 (brightness)
B = 128.418 (background)
a = 0.925 px
b = 0.057 px
c = 0.562 px
xc = 6.763 px
yc = 6.482 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 41510.1490
Standard deviation: 11.62808
R^2: 0.98444
Parameters:
a = 114.70526
b = 745.90749
c = 58.87513
d = 0.85636

Bead 3362 (Rejected)

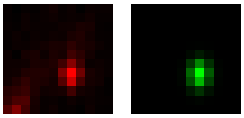
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

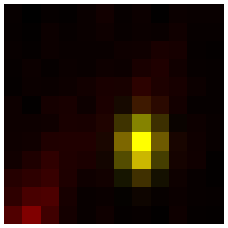
Coordinates : 71.3 um (x), 10.9 um (y), 58.8 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	370 nm	386 nm	270 nm
max	518 nm	539 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.715		
Theta	88.0°		

XY profile & fitting parameters :

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

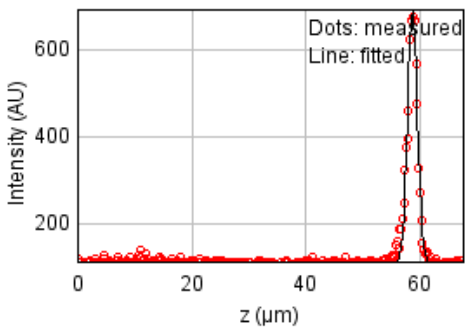




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.762

Parameters:
A = 573.099 (brightness)
B = 149.209 (background)
a = 0.979 px
b = 0.017 px
c = 0.501 px
xc = 6.962 px
yc = 7.167 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 40497.5734
Standard deviation: 11.48538
R^2: 0.98186
Parameters:
a = 114.07998
b = 689.87182
c = 58.75439
d = 0.85930

Bead 3363

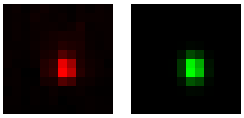
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

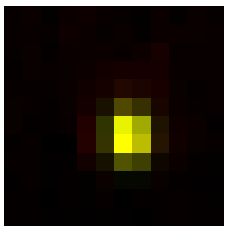
Coordinates : 15.5 um (x), 10.1 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	376 nm	392 nm	270 nm
max	479 nm	498 nm	270 nm
z	1.85 um	1.86 um	1.3 um
Asymmetry	0.785		
Theta	-86.5°		

XY profile & fitting parameters :

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

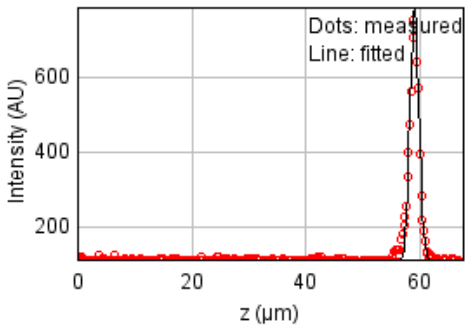




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.969

Parameters:
A = 915.874 (brightness)
B = 127.626 (background)
a = 0.948 px
b = -0.022 px
c = 0.587 px
xc = 6.327 px
yc = 6.555 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 44070.1369
Standard deviation: 11.98127
R^2: 0.98423
Parameters:
a = 114.41988
b = 787.93298
c = 59.10397
d = 0.78470

Bead 3364

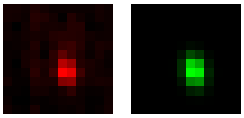
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

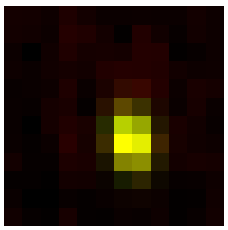
Coordinates : 132 um (x), 9.17 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	383 nm	399 nm	270 nm
max	566 nm	590 nm	270 nm
z	2.25 um	2.26 um	1.3 um
Asymmetry	0.676		
Theta	-80.8°		

XY profile & fitting parameters :

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

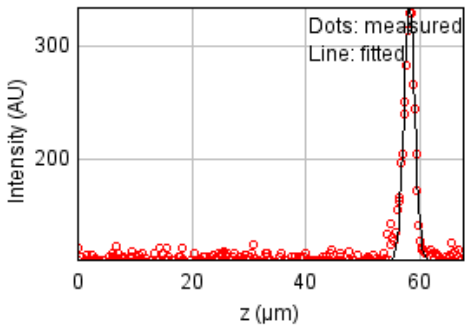




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.926

Parameters:
A = 276.741 (brightness)
B = 116.767 (background)
a = 0.902 px
b = -0.078 px
c = 0.431 px
xc = 6.445 px
yc = 6.812 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 16278.5350
Standard deviation: 7.28180
R^2: 0.95756
Parameters:
a = 110.81424
b = 334.86548
c = 58.19441
d = 0.95590

Bead 3365

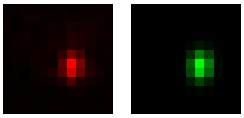
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

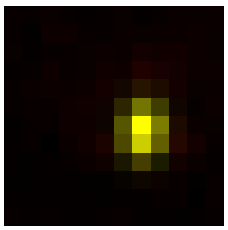
Coordinates : 35.9 um (x), 7.97 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	384 nm	400 nm	270 nm
max	523 nm	544 nm	270 nm
z	1.97 um	1.98 um	1.3 um
Asymmetry	0.734		
Theta	86.6°		

XY profile & fitting parameters :

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

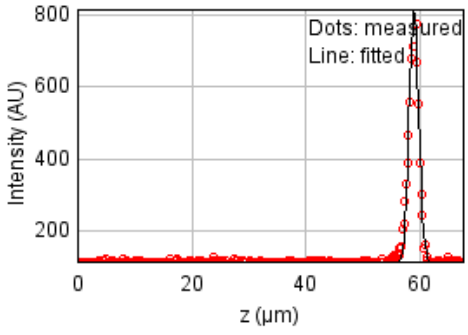




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 744.840 (brightness)
B = 126.628 (background)
a = 0.909 px
b = 0.025 px
c = 0.493 px
xc = 7.096 px
yc = 6.277 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39342.7659
Standard deviation: 11.32044
R^2: 0.98777
Parameters:
a = 113.61918
b = 816.15918
c = 59.00929
d = 0.83593

Bead 3366

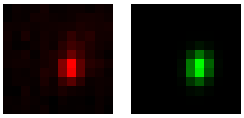
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

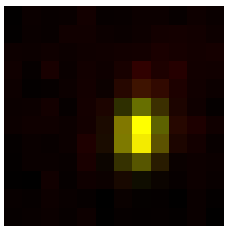
Coordinates : -147 um (x), 7.5 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	395 nm	412 nm	270 nm
max	544 nm	567 nm	270 nm
z	2.13 um	2.14 um	1.3 um
Asymmetry	0.727		
Theta	83.1°		

XY profile & fitting parameters :

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

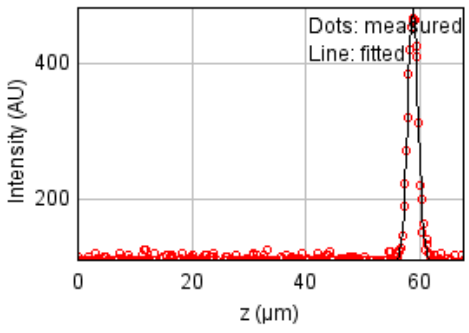




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.939

Parameters:
A = 375.494 (brightness)
B = 121.049 (background)
a = 0.853 px
b = 0.048 px
c = 0.459 px
xc = 6.917 px
yc = 6.415 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 17082.5289
Standard deviation: 7.45945
R^2: 0.98271
Parameters:
a = 110.81233
b = 484.99066
c = 58.82988
d = 0.90371

Bead 3367

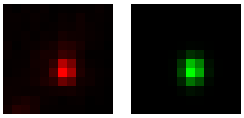
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

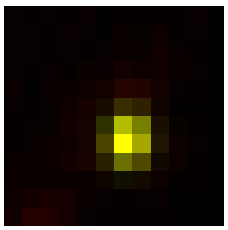
Coordinates : 26.0 um (x), 4.78 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	394 nm	410 nm	270 nm
max	490 nm	510 nm	270 nm
z	2.04 um	2.05 um	1.3 um
Asymmetry	0.804		
Theta	87.0°		

XY profile & fitting parameters :

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

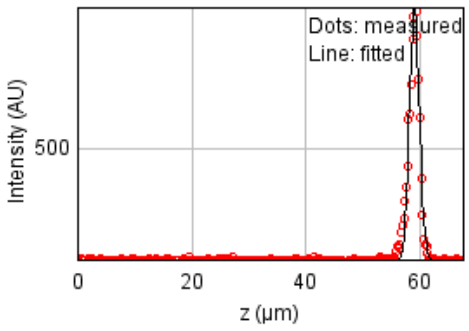




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.957

Parameters:
A = 969.358 (brightness)
B = 140.449 (background)
a = 0.864 px
b = 0.016 px
c = 0.560 px
xc = 6.257 px
yc = 6.766 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 86762.4818
Standard deviation: 16.81113
R^2: 0.98342
Parameters:
a = 114.47716
b = 992.85863
c = 59.08982
d = 0.86700

Bead 3368

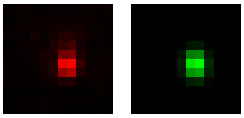
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

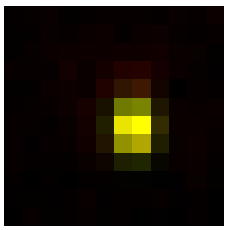
Coordinates : 20.1 um (x), 2.29 um (y), 59.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	379 nm	394 nm	270 nm
max	499 nm	520 nm	270 nm
z	1.9 um	1.91 um	1.3 um
Asymmetry	0.759		
Theta	-88.1°		

XY profile & fitting parameters :

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

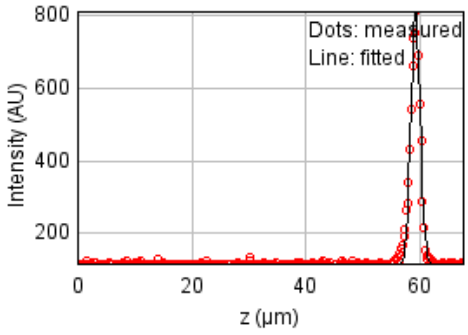




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 752.516 (brightness)
B = 125.362 (background)
a = 0.936 px
b = -0.013 px
c = 0.540 px
xc = 6.561 px
yc = 6.096 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 41301.2557
Standard deviation: 11.59878
R^2: 0.98672
Parameters:
a = 114.36913
b = 816.47227
c = 59.28227
d = 0.80683

Bead 3369

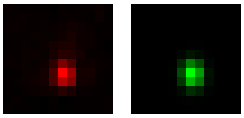
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

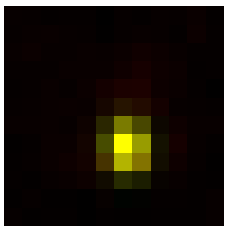
Coordinates : 6.65 um (x), 1.17 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	396 nm	413 nm	270 nm
max	498 nm	519 nm	270 nm
z	1.91 um	1.91 um	1.3 um
Asymmetry	0.795		
Theta	-85.5°		

XY profile & fitting parameters :

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

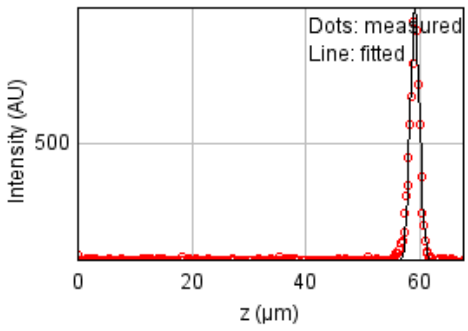




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 880.185 (brightness)
B = 126.825 (background)
a = 0.853 px
b = -0.025 px
c = 0.543 px
xc = 6.215 px
yc = 7.187 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 60304.6562
Standard deviation: 14.01542
R^2: 0.98634
Parameters:
a = 113.82309
b = 948.81841
c = 59.17006
d = 0.80972

Bead 3370

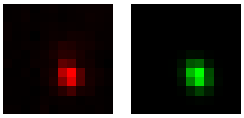
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

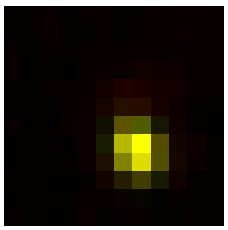
Coordinates : 10.5 um (x), -2.82 um (y), 59.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	403 nm	419 nm	270 nm
max	502 nm	523 nm	270 nm
z	1.94 um	1.95 um	1.3 um
Asymmetry	0.802		
Theta	-67.3°		

XY profile & fitting parameters :

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

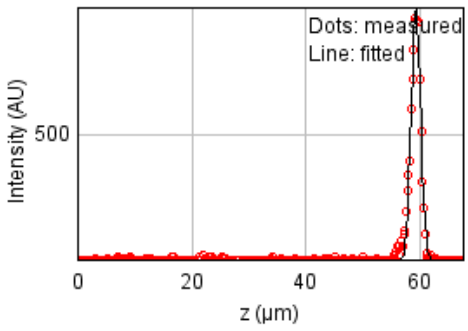




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 882.318 (brightness)
B = 127.814 (background)
a = 0.783 px
b = -0.105 px
c = 0.576 px
xc = 6.755 px
yc = 7.334 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 56124.1545
Standard deviation: 13.52090
R^2: 0.98567
Parameters:
a = 114.84183
b = 893.56132
c = 59.34372
d = 0.82577

Bead 3371

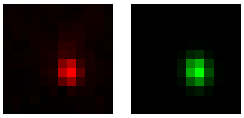
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

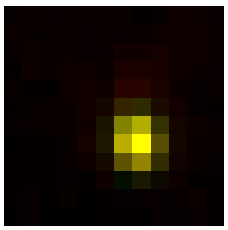
Coordinates : 27.7 um (x), -8.88 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	513 nm	534 nm	270 nm
z	1.96 um	1.96 um	1.3 um
Asymmetry	0.8		
Theta	-81.2°		

XY profile & fitting parameters :

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

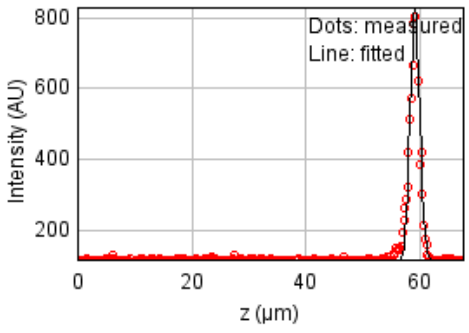




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 731.674 (brightness)
B = 127.738 (background)
a = 0.791 px
b = -0.044 px
c = 0.517 px
xc = 6.733 px
yc = 6.845 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 86189.6627
Standard deviation: 16.75554
R^2: 0.97427
Parameters:
a = 114.84723
b = 828.87029
c = 59.18101
d = 0.83057

Bead 3372

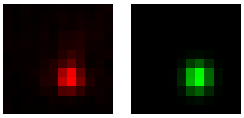
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

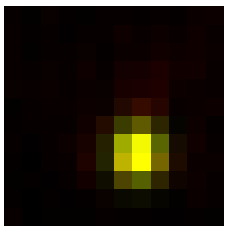
Coordinates : 60.7 um (x), -16.9 um (y), 59.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	458 nm	477 nm	270 nm
max	517 nm	538 nm	270 nm
z	1.97 um	1.97 um	1.3 um
Asymmetry	0.886		
Theta	86.2°		

XY profile & fitting parameters :

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

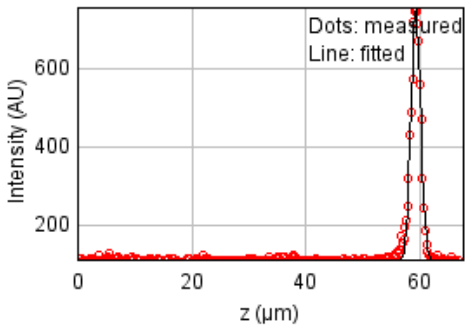




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 700.944 (brightness)
B = 127.710 (background)
a = 0.639 px
b = 0.009 px
c = 0.503 px
xc = 6.787 px
yc = 7.531 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 31625.6031
Standard deviation: 10.14963
R^2: 0.98821
Parameters:
a = 113.50959
b = 755.37669
c = 59.32873
d = 0.83506

Bead 3373 (Rejected)

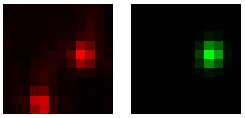
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

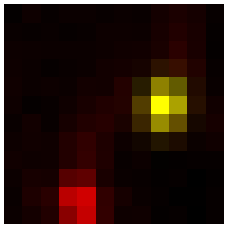
Coordinates : 81.5 um (x), -20.6 um (y), 59.3 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	375 nm	391 nm	270 nm
max	461 nm	480 nm	270 nm
z	2.0 um	2.01 um	1.3 um
Asymmetry	0.815		
Theta	80.1°		

XY profile & fitting parameters :

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

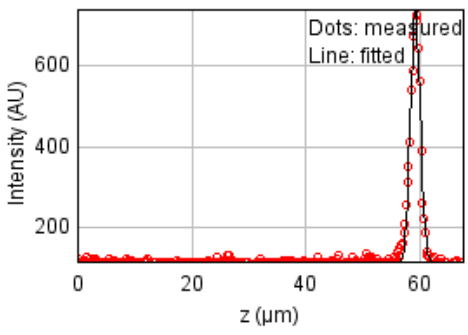




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.468

Parameters:
A = 633.095 (brightness)
B = 161.100 (background)
a = 0.943 px
b = 0.054 px
c = 0.642 px
xc = 8.256 px
yc = 5.009 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 40355.6336
Standard deviation: 11.46523
R^2: 0.98461
Parameters:
a = 113.85213
b = 742.33326
c = 59.25511
d = 0.84887

Bead 3374

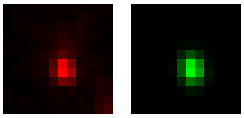
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

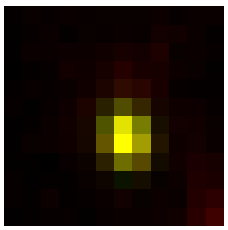
Coordinates : 20.9 um (x), -22.0 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	409 nm	426 nm	270 nm
max	531 nm	553 nm	270 nm
z	2.23 um	2.24 um	1.3 um
Asymmetry	0.77		
Theta	-80.5°		

XY profile & fitting parameters :

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

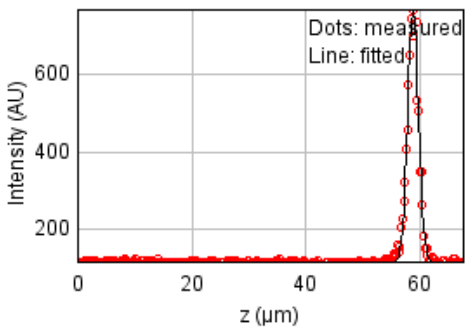




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.928

Parameters:
A = 608.842 (brightness)
B = 138.323 (background)
a = 0.794 px
b = -0.053 px
c = 0.485 px
xc = 6.169 px
yc = 6.641 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 37826.6979
Standard deviation: 11.10018
R^2: 0.98812
Parameters:
a = 114.02804
b = 772.87695
c = 58.85043
d = 0.94626

Bead 3375

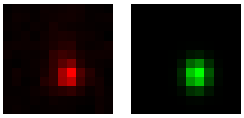
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

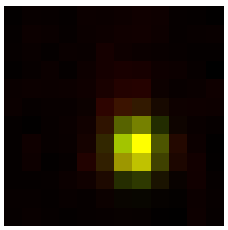
Coordinates : 155 um (x), -22.6 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	445 nm	464 nm	270 nm
max	529 nm	551 nm	270 nm
z	1.75 um	1.76 um	1.3 um
Asymmetry	0.842		
Theta	89.1°		

XY profile & fitting parameters :

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

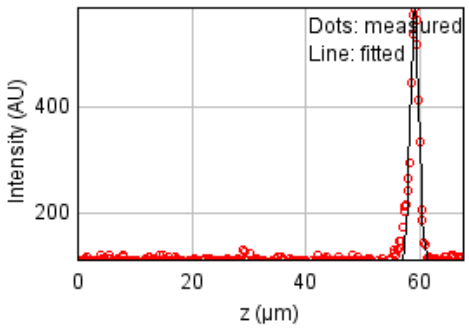




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.940

Parameters:
A = 473.149 (brightness)
B = 121.208 (background)
a = 0.676 px
b = 0.003 px
c = 0.479 px
xc = 6.690 px
yc = 7.218 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39070.0783
Standard deviation: 11.28114
R^2: 0.97082
Parameters:
a = 110.74605
b = 585.74204
c = 59.13051
d = 0.74413

Bead 3376

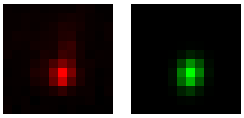
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

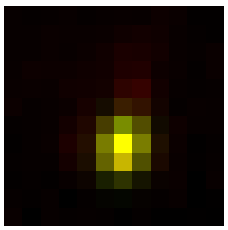
Coordinates : 109 um (x), -26.5 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	429 nm	447 nm	270 nm
max	543 nm	565 nm	270 nm
z	2.13 um	2.14 um	1.3 um
Asymmetry	0.79		
Theta	78.0°		

XY profile & fitting parameters :

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

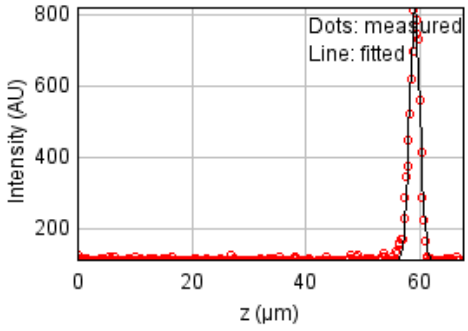




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.936

Parameters:
A = 701.759 (brightness)
B = 130.786 (background)
a = 0.718 px
b = 0.056 px
c = 0.467 px
xc = 5.993 px
yc = 7.140 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 56109.0487
Standard deviation: 13.51908
R^2: 0.98421
Parameters:
a = 112.25858
b = 821.99659
c = 59.15158
d = 0.90450

Bead 3377

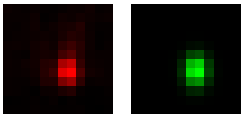
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

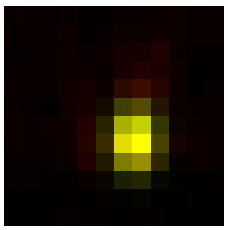
Coordinates : 97.2 um (x), -29.1 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	426 nm	443 nm	270 nm
max	581 nm	605 nm	270 nm
z	2.24 um	2.25 um	1.3 um
Asymmetry	0.732		
Theta	88.7°		

XY profile & fitting parameters :

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

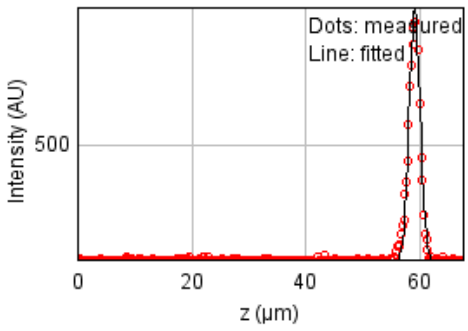




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 877.939 (brightness)
B = 138.378 (background)
a = 0.741 px
b = 0.008 px
c = 0.397 px
xc = 6.601 px
yc = 6.770 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 68556.5171
Standard deviation: 14.94360
R^2: 0.98707
Parameters:
a = 113.50105
b = 961.55412
c = 59.13044
d = 0.95055

Bead 3378

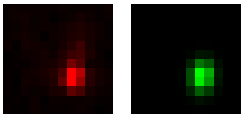
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

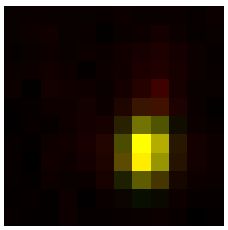
Coordinates : 115 um (x), -29.9 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	408 nm	425 nm	270 nm
max	557 nm	580 nm	270 nm
z	1.97 um	1.97 um	1.3 um
Asymmetry	0.733		
Theta	84.5°		

XY profile & fitting parameters :

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

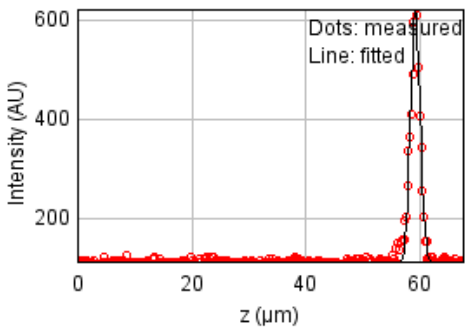




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.944

Parameters:
A = 578.420 (brightness)
B = 123.629 (background)
a = 0.801 px
b = 0.035 px
c = 0.436 px
xc = 7.241 px
yc = 7.395 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28846.3798
Standard deviation: 9.69341
R^2: 0.98299
Parameters:
a = 112.19613
b = 621.23344
c = 59.24333
d = 0.83478

Bead 3379

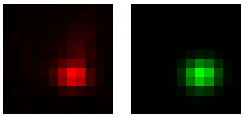
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

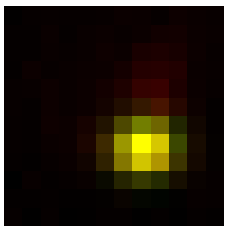
Coordinates : 81.0 um (x), -33.8 um (y), 59.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	526 nm	548 nm	270 nm
max	588 nm	613 nm	270 nm
z	2.25 um	2.26 um	1.3 um
Asymmetry	0.895		
Theta	8.2°		

XY profile & fitting parameters :

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

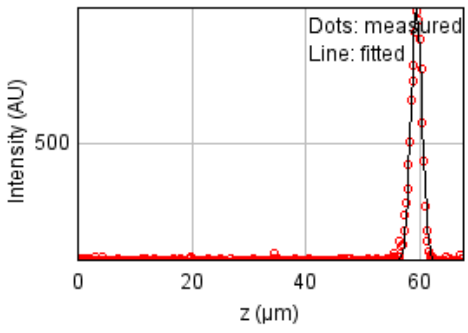




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.937

Parameters:
A = 853.807 (brightness)
B = 136.598 (background)
a = 0.390 px
b = 0.014 px
c = 0.483 px
xc = 7.170 px
yc = 7.224 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 60992.1549
Standard deviation: 14.09509
R^2: 0.98827
Parameters:
a = 113.08792
b = 951.01518
c = 59.45212
d = 0.95598

Bead 3380 (Rejected)

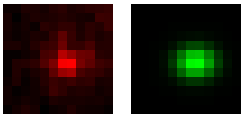
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

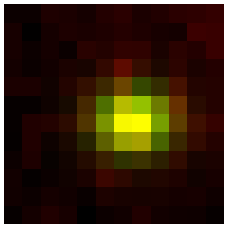
Coordinates : -144 um (x), -90.7 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	604 nm	629 nm	270 nm
max	735 nm	766 nm	270 nm
z	6.34 um	6.37 um	1.3 um
Asymmetry	0.822		
Theta	1.5°		

XY profile & fitting parameters :

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

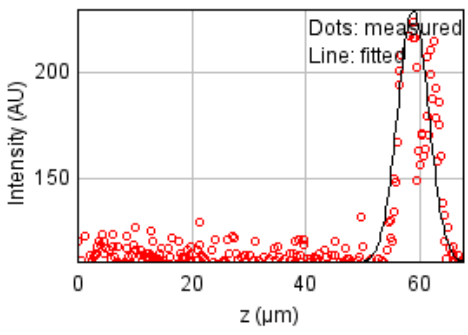




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.880

Parameters:
A = 140.214 (brightness)
B = 120.404 (background)
a = 0.248 px
b = 0.003 px
c = 0.368 px
xc = 6.553 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: 84961.5383
Standard deviation: 16.63574
R^2: 0.75458
Parameters:
a = 111.17862
b = 229.53045
c = 58.85623
d = 2.69414

Bead 3381

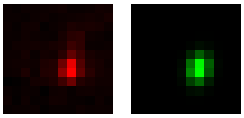
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

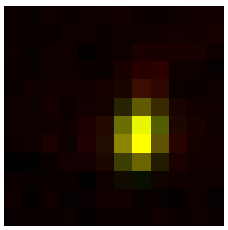
Coordinates : 93.9 um (x), -95.5 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	384 nm	400 nm	270 nm
max	537 nm	560 nm	270 nm
z	2.1 um	2.11 um	1.3 um
Asymmetry	0.715		
Theta	79.7°		

XY profile & fitting parameters :

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

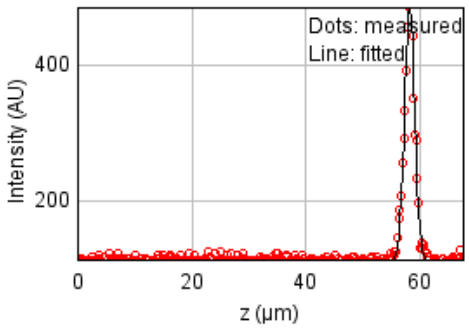




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.945

Parameters:
A = 394.340 (brightness)
B = 121.938 (background)
a = 0.895 px
b = 0.078 px
c = 0.479 px
xc = 6.904 px
yc = 6.552 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 15339.8821
Standard deviation: 7.06874
R^2: 0.98418
Parameters:
a = 111.94731
b = 485.06801
c = 58.23886
d = 0.89273

Bead 3382

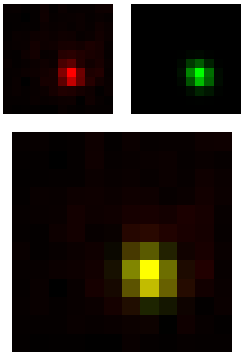
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : -149 um (x), 81.2 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	409 nm	426 nm	270 nm
max	468 nm	488 nm	270 nm
z	1.88 um	1.89 um	1.3 um
Asymmetry	0.873		
Theta	-56.2°		

XY profile & fitting parameters :

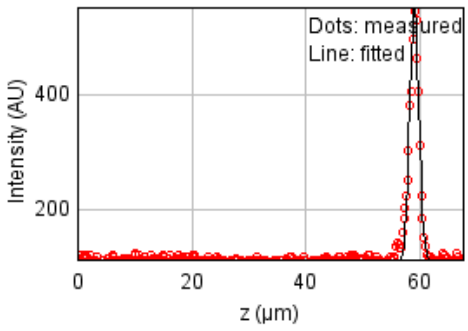
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 446.167 (brightness)
B = 118.571 (background)
a = 0.744 px
b = -0.088 px
c = 0.671 px
xc = 6.964 px
yc = 7.266 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28111.9643
Standard deviation: 9.56922
R^2: 0.97751
Parameters:
a = 111.87613
b = 556.75061
c = 59.07178
d = 0.79983

Bead 3383

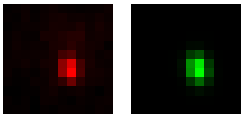
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

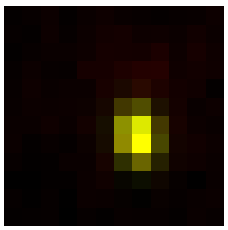
Coordinates : -146 um (x), 72.6 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	374 nm	389 nm	270 nm
max	518 nm	540 nm	270 nm
z	1.92 um	1.93 um	1.3 um
Asymmetry	0.722		
Theta	-81.2°		

XY profile & fitting parameters :

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

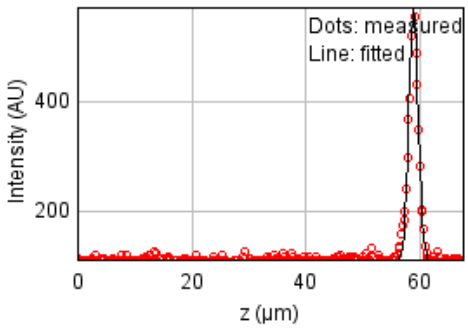




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.959

Parameters:
A = 520.417 (brightness)
B = 119.400 (background)
a = 0.949 px
b = -0.069 px
c = 0.511 px
xc = 6.792 px
yc = 6.560 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 20503.3822
Standard deviation: 8.17229
R^2: 0.98483
Parameters:
a = 112.00517
b = 571.60352
c = 58.93229
d = 0.81722

Bead 3384

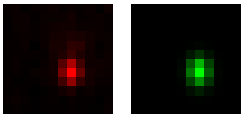
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

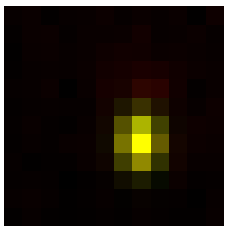
Coordinates : -134 um (x), 63.9 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	384 nm	400 nm	270 nm
max	525 nm	547 nm	270 nm
z	2.04 um	2.04 um	1.3 um
Asymmetry	0.731		
Theta	89.9°		

XY profile & fitting parameters :

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

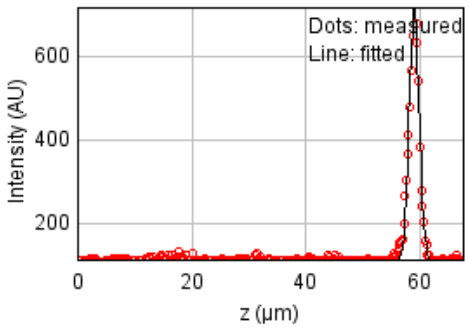




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 637.706 (brightness)
B = 121.163 (background)
a = 0.912 px
b = 0.001 px
c = 0.487 px
xc = 6.936 px
yc = 6.860 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 36307.2352
Standard deviation: 10.87495
R^2: 0.98533
Parameters:
a = 112.13535
b = 717.75235
c = 59.05229
d = 0.86451

Bead 3385

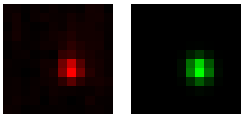
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

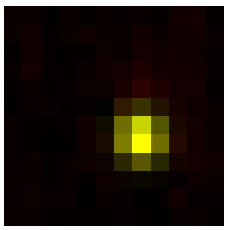
Coordinates : -98.4 um (x), 60.5 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	413 nm	430 nm	270 nm
max	463 nm	482 nm	270 nm
z	1.9 um	1.9 um	1.3 um
Asymmetry	0.891		
Theta	-77.3°		

XY profile & fitting parameters :

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

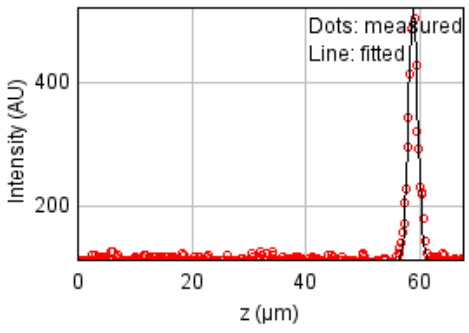




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.958

Parameters:
A = 443.839 (brightness)
B = 120.766 (background)
a = 0.780 px
b = -0.035 px
c = 0.633 px
xc = 6.944 px
yc = 6.646 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 24983.1114
Standard deviation: 9.02099
R^2: 0.97669
Parameters:
a = 114.27151
b = 524.69014
c = 58.86261
d = 0.80543

Bead 3386 (Rejected)

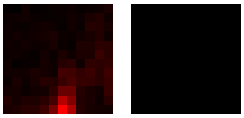
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

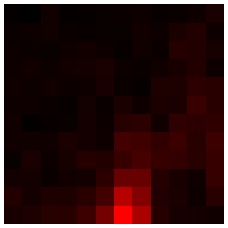
Coordinates : 62.0 um (x), 61.7 um (y), 57.1 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	2.4 um	2.5 um	270 nm
max	7.38 um	7.69 um	270 nm
z	3.68 um	3.69 um	1.3 um
Asymmetry	0.325		
Theta	0.0°		

XY profile & fitting parameters :

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

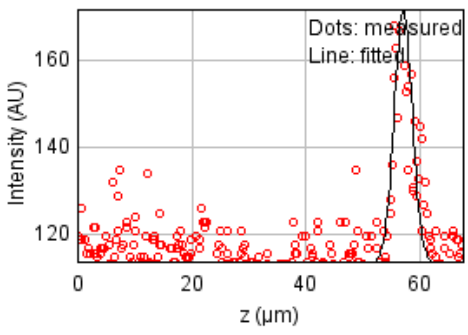




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.331

Parameters:
A = -59.725 (brightness)
B = 181.697 (background)
a = 0.004 px
b = 0.011 px
c = 0.017 px
xc = 6.901 px
yc = 0.203 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 16856.4261
Standard deviation: 7.40992
R^2: 0.69685
Parameters:
a = 113.62537
b = 171.53882
c = 57.12581
d = 1.56154

Bead 3387 (Rejected)

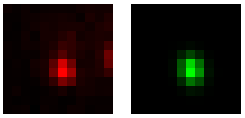
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

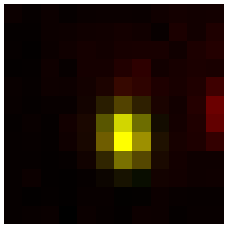
Coordinates : -146 um (x), 59.6 um (y), 59.0 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	523 nm	545 nm	270 nm
z	2.21 um	2.22 um	1.3 um
Asymmetry	0.784		
Theta	-80.5°		

XY profile & fitting parameters :

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

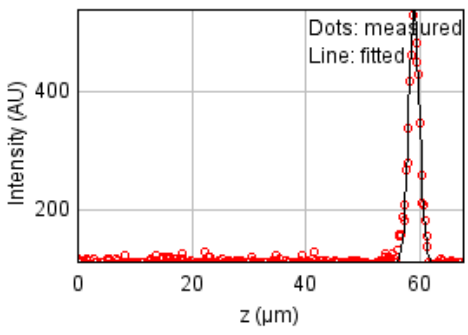




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.830

Parameters:
A = 470.479 (brightness)
B = 130.859 (background)
a = 0.789 px
b = -0.050 px
c = 0.498 px
xc = 6.119 px
yc = 6.691 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 24092.5130
Standard deviation: 8.85874
R^2: 0.98199
Parameters:
a = 112.38951
b = 539.43382
c = 59.03309
d = 0.94027

Bead 3388

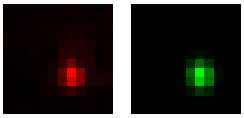
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

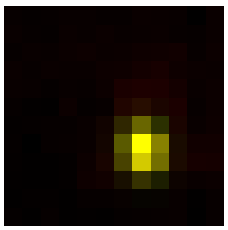
Coordinates : -135 um (x), 57.9 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	392 nm	408 nm	270 nm
max	484 nm	504 nm	270 nm
z	1.94 um	1.94 um	1.3 um
Asymmetry	0.811		
Theta	-82.8°		

XY profile & fitting parameters :

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

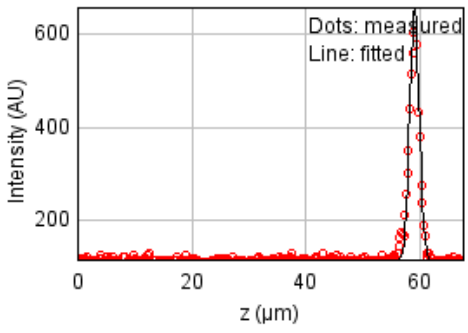




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 653.460 (brightness)
B = 125.064 (background)
a = 0.868 px
b = -0.037 px
c = 0.579 px
xc = 7.118 px
yc = 7.305 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 38552.8643
Standard deviation: 11.20622
R^2: 0.98007
Parameters:
a = 112.96932
b = 659.87985
c = 59.10255
d = 0.82220

Bead 3389

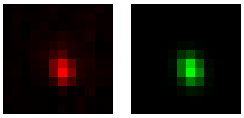
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

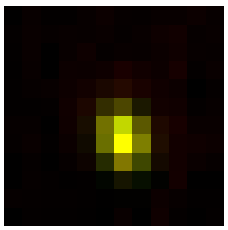
Coordinates : -128 um (x), 53.4 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	411 nm	428 nm	270 nm
max	550 nm	573 nm	270 nm
z	2.23 um	2.24 um	1.3 um
Asymmetry	0.747		
Theta	-73.5°		

XY profile & fitting parameters :

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

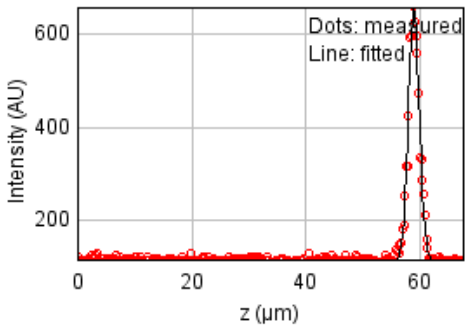




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 540.146 (brightness)
B = 125.833 (background)
a = 0.766 px
b = -0.096 px
c = 0.471 px
xc = 6.005 px
yc = 6.686 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 30602.1341
Standard deviation: 9.98405
R^2: 0.98608
Parameters:
a = 111.96306
b = 658.35397
c = 58.99013
d = 0.94827

Bead 3390

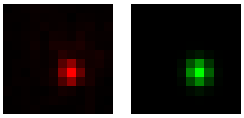
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

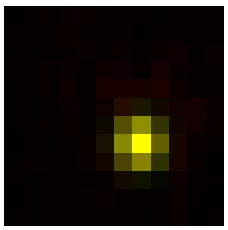
Coordinates : -75.7 um (x), 51.2 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	408 nm	425 nm	270 nm
max	462 nm	481 nm	270 nm
z	1.82 um	1.83 um	1.3 um
Asymmetry	0.883		
Theta	-84.9°		

XY profile & fitting parameters :

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

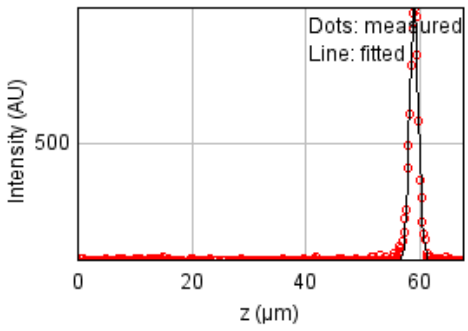




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 814.682 (brightness)
B = 125.787 (background)
a = 0.805 px
b = -0.016 px
c = 0.631 px
xc = 6.884 px
yc = 6.959 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 43313.2167
Standard deviation: 11.87794
R^2: 0.98988
Parameters:
a = 113.51560
b = 954.77885
c = 59.03430
d = 0.77424

Bead 3391

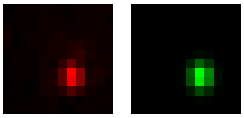
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

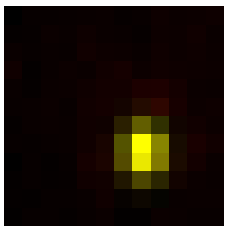
Coordinates : -153 um (x), 49.1 um (y), 59.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	389 nm	405 nm	270 nm
max	494 nm	514 nm	270 nm
z	1.93 um	1.93 um	1.3 um
Asymmetry	0.787		
Theta	-89.2°		

XY profile & fitting parameters :

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

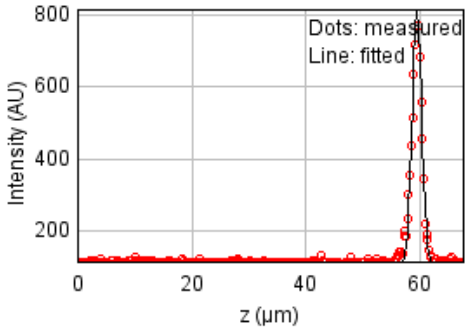




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 783.228 (brightness)
B = 126.549 (background)
a = 0.888 px
b = -0.005 px
c = 0.550 px
xc = 7.132 px
yc = 7.413 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39918.2942
Standard deviation: 11.40294
R^2: 0.98758
Parameters:
a = 111.55144
b = 820.99651
c = 59.51674
d = 0.81776

Bead 3392

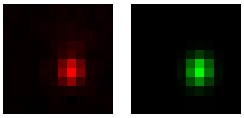
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

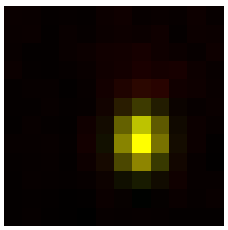
Coordinates : -145 um (x), 48.6 um (y), 59.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	427 nm	444 nm	270 nm
max	538 nm	560 nm	270 nm
z	2.07 um	2.08 um	1.3 um
Asymmetry	0.793		
Theta	86.7°		

XY profile & fitting parameters :

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

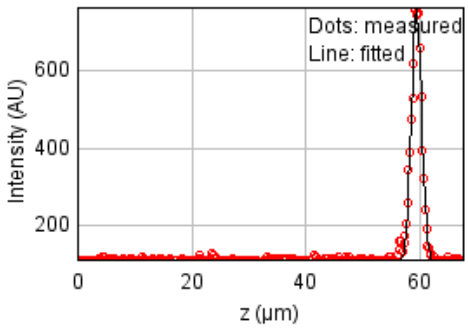




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 636.109 (brightness)
B = 122.782 (background)
a = 0.736 px
b = 0.016 px
c = 0.465 px
xc = 6.954 px
yc = 6.795 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 32413.2330
Standard deviation: 10.27524
R^2: 0.98885
Parameters:
a = 111.28265
b = 764.01037
c = 59.45207
d = 0.87803

Bead 3393

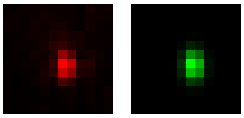
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

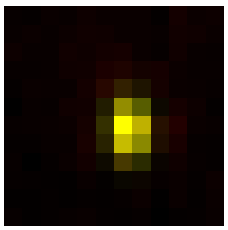
Coordinates : -116 um (x), 46.3 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	364 nm	379 nm	270 nm
max	548 nm	571 nm	270 nm
z	1.99 um	2.0 um	1.3 um
Asymmetry	0.663		
Theta	-87.4°		

XY profile & fitting parameters :

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

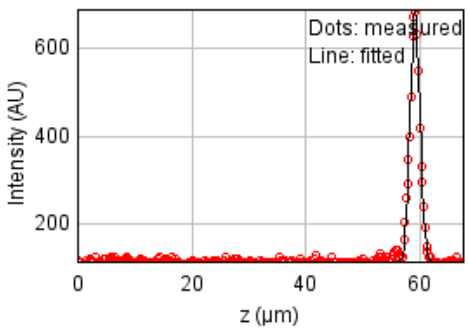




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 640.397 (brightness)
B = 121.786 (background)
a = 1.014 px
b = -0.025 px
c = 0.447 px
xc = 6.323 px
yc = 6.179 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 27624.5280
Standard deviation: 9.48589
R^2: 0.98724
Parameters:
a = 113.99830
b = 686.42616
c = 59.19595
d = 0.84689

Bead 3394 (Rejected)

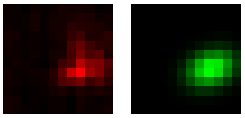
Date : Mon Oct 17 13:54:17 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

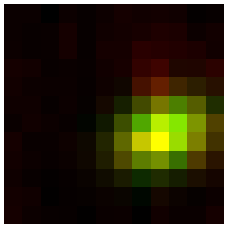
Coordinates : -112 um (x), 41.1 um (y), 60.4 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	628 nm	654 nm	270 nm
max	871 nm	908 nm	270 nm
z	2.69 um	2.7 um	1.3 um
Asymmetry	0.72		
Theta	21.2°		

XY profile & fitting parameters :

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

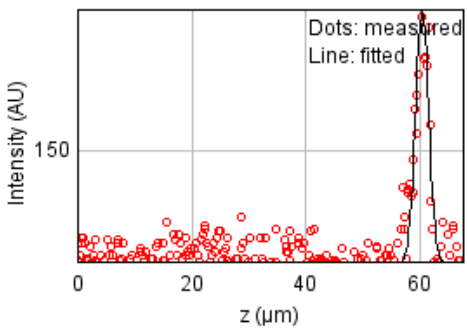




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.868

Parameters:
A = 234.800 (brightness)
B = 120.763 (background)
a = 0.198 px
b = 0.055 px
c = 0.319 px
xc = 8.253 px
yc = 6.559 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 15595.4076
Standard deviation: 7.12737
R^2: 0.80095
Parameters:
a = 112.28137
b = 197.44445
c = 60.43992
d = 1.14223

Bead 3395

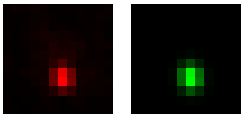
Date : Mon Oct 17 13:54:18 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

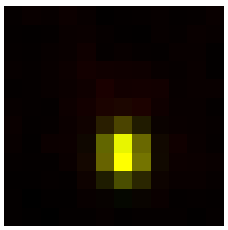
Coordinates : -55.0 um (x), 38.3 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	392 nm	408 nm	270 nm
max	468 nm	487 nm	270 nm
z	1.89 um	1.89 um	1.3 um
Asymmetry	0.837		
Theta	-82.1°		

XY profile & fitting parameters :

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

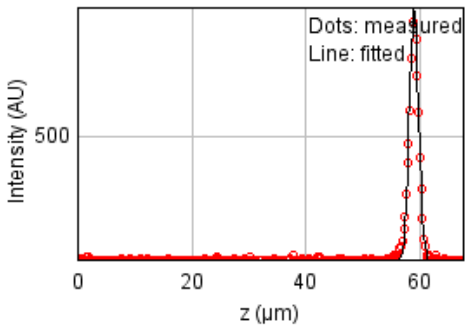




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.977

Parameters:
A = 988.833 (brightness)
B = 126.143 (background)
a = 0.870 px
b = -0.036 px
c = 0.618 px
xc = 6.028 px
yc = 7.535 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28835.5028
Standard deviation: 9.69158
R^2: 0.99267
Parameters:
a = 113.45922
b = 908.54417
c = 59.01549
d = 0.80081

Bead 3396

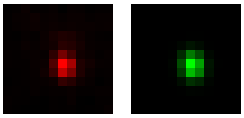
Date : Mon Oct 17 13:54:18 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

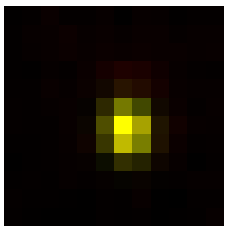
Coordinates : -80.0 um (x), 35.9 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	404 nm	421 nm	270 nm
max	504 nm	525 nm	270 nm
z	1.83 um	1.84 um	1.3 um
Asymmetry	0.802		
Theta	-84.1°		

XY profile & fitting parameters :

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

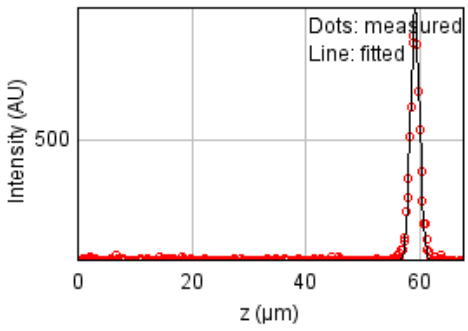




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.979

Parameters:
A = 891.277 (brightness)
B = 126.044 (background)
a = 0.819 px
b = -0.030 px
c = 0.531 px
xc = 6.229 px
yc = 6.216 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 38519.9833
Standard deviation: 11.20144
R^2: 0.99040
Parameters:
a = 113.82035
b = 927.16144
c = 59.20417
d = 0.77698

Bead 3397 (Rejected)

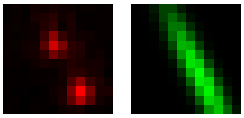
Date : Mon Oct 17 13:54:18 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

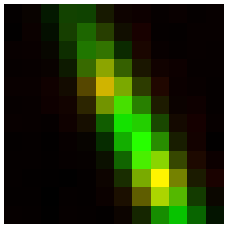
Coordinates : -114 um (x), 31.2 um (y), 59.6 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	470 nm	489 nm	270 nm
max	2.76 um	2.88 um	270 nm
z	1.79 um	1.79 um	1.3 um
Asymmetry	0.17		
Theta	-63.3°		

XY profile & fitting parameters :

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

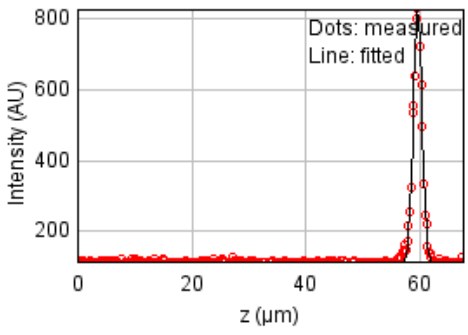




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.521

Parameters:
A = 310.943 (brightness)
B = 127.798 (background)
a = 0.489 px
b = -0.237 px
c = 0.137 px
xc = 7.144 px
yc = 7.517 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 36690.4025
Standard deviation: 10.93219
R^2: 0.98787
Parameters:
a = 113.45366
b = 826.92547
c = 59.64142
d = 0.75842

Bead 3398

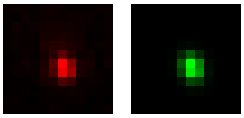
Date : Mon Oct 17 13:54:18 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

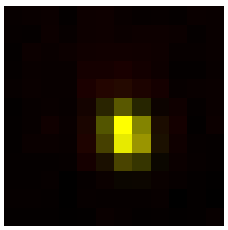
Coordinates : -46.2 um (x), 24.9 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	384 nm	400 nm	270 nm
max	497 nm	517 nm	270 nm
z	1.84 um	1.85 um	1.3 um
Asymmetry	0.773		
Theta	-73.2°		

XY profile & fitting parameters :

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

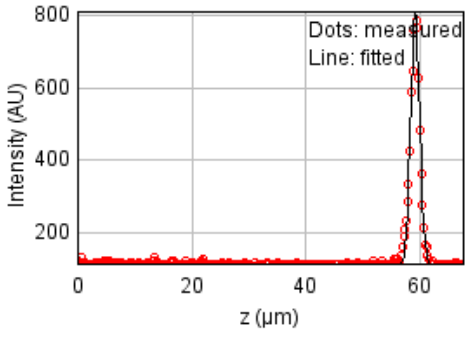




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 801.862 (brightness)
B = 124.673 (background)
a = 0.879 px
b = -0.101 px
c = 0.574 px
xc = 6.179 px
yc = 6.455 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 32159.4199
Standard deviation: 10.23493
R^2: 0.98917
Parameters:
a = 113.70467
b = 811.35396
c = 59.22156
d = 0.78074

Bead 3399 (Rejected)

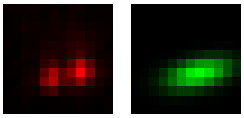
Date : Mon Oct 17 13:54:18 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

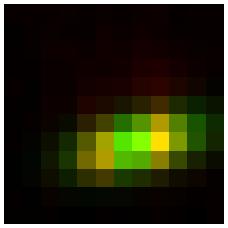
Coordinates : -108 um (x), 24.3 um (y), 59.6 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	521 nm	543 nm	270 nm
max	1.17 um	1.22 um	270 nm
z	2.13 um	2.13 um	1.3 um
Asymmetry	0.446		
Theta	13.4°		

XY profile & fitting parameters :

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

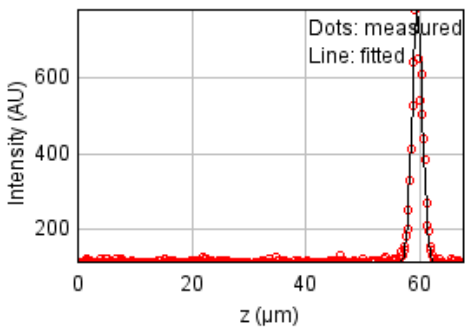




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.762

Parameters:
A = 525.371 (brightness)
B = 129.805 (background)
a = 0.120 px
b = 0.089 px
c = 0.473 px
xc = 6.866 px
yc = 7.104 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 73136.2572
Standard deviation: 15.43466
R^2: 0.97695
Parameters:
a = 113.25910
b = 782.22458
c = 59.57404
d = 0.90254

Bead 3400

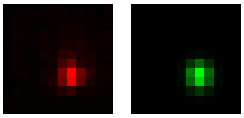
Date : Mon Oct 17 13:54:18 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

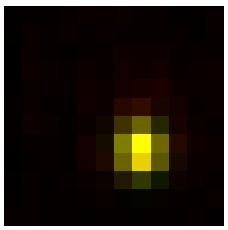
Coordinates : -91.5 um (x), 13.7 um (y), 59.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	406 nm	423 nm	270 nm
max	484 nm	504 nm	270 nm
z	1.89 um	1.9 um	1.3 um
Asymmetry	0.838		
Theta	-86.3°		

XY profile & fitting parameters :

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

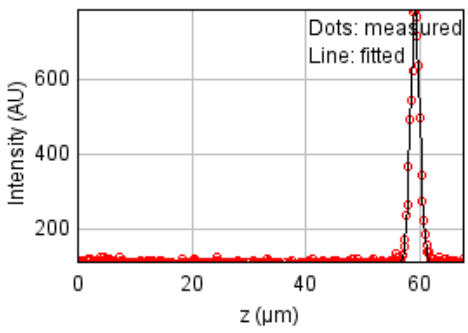




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 720.945 (brightness)
B = 124.914 (background)
a = 0.814 px
b = -0.015 px
c = 0.574 px
xc = 6.945 px
yc = 7.323 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 23493.7903
Standard deviation: 8.74797
R^2: 0.99161
Parameters:
a = 113.74877
b = 783.07881
c = 59.21252
d = 0.80268