Bead 3201

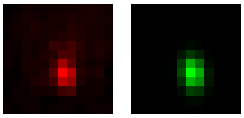
Date : Mon Oct 17 13:54:05 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

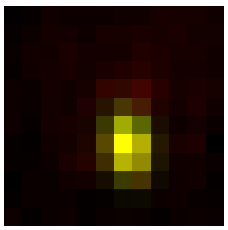
Coordinates : 126 um (x), 19.0 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	404 nm	421 nm	270 nm
max	605 nm	630 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.668		
Theta	-81.9°		

XY profile & fitting parameters :

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

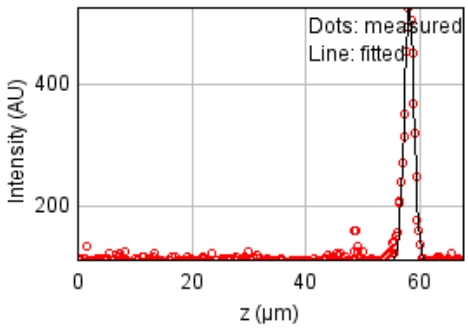




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.919

Parameters:
A = 411.577 (brightness)
B = 125.703 (background)
a = 0.813 px
b = -0.063 px
c = 0.376 px
xc = 6.267 px
yc = 7.065 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 29968.2586
Standard deviation: 9.88011
R^2: 0.97424
Parameters:
a = 112.58718
b = 527.00159
c = 58.15654
d = 0.85777

Bead 3202 (Rejected)

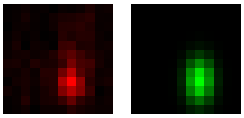
Date : Mon Oct 17 13:54:05 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

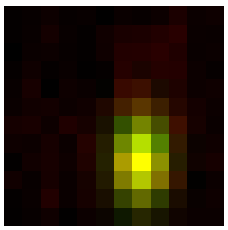
Coordinates : 112 um (x), 16.9 um (y), 57.3 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	505 nm	526 nm	270 nm
max	836 nm	871 nm	270 nm
z	2.48 um	2.49 um	1.3 um
Asymmetry	0.605		
Theta	89.4°		

XY profile & fitting parameters :

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

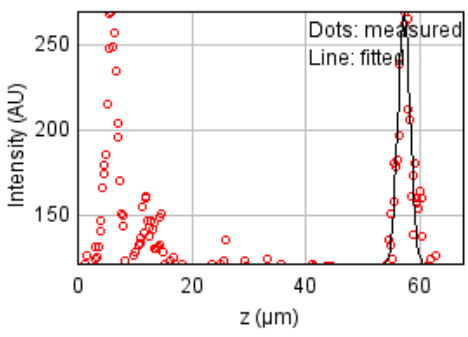




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.917

Parameters:
A = 256.241 (brightness)
B = 125.845 (background)
a = 0.525 px
b = 0.004 px
c = 0.192 px
xc = 6.967 px
yc = 7.853 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 223280.536
Standard deviation: 26.96847
R^2: 0.44010
Parameters:
a = 121.28514
b = 269.32799
c = 57.27140
d = 1.05182

Bead 3203

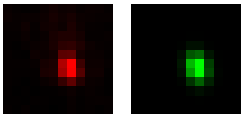
Date : Mon Oct 17 13:54:06 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

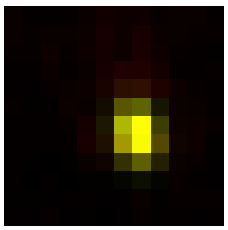
Coordinates : 134 um (x), 15.4 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	389 nm	405 nm	270 nm
max	540 nm	563 nm	270 nm
z	2.05 um	2.06 um	1.3 um
Asymmetry	0.72		
Theta	-78.5°		

XY profile & fitting parameters :

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

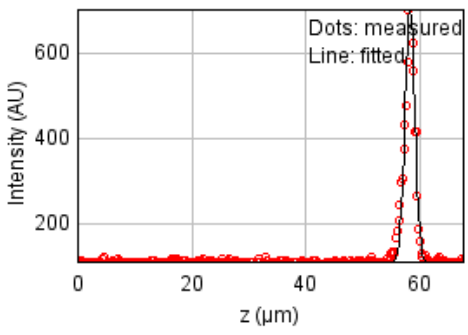




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.967

Parameters:
A = 746.809 (brightness)
B = 123.717 (background)
a = 0.871 px
b = -0.083 px
c = 0.477 px
xc = 6.729 px
yc = 6.433 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 51097.9004
Standard deviation: 12.90127
R^2: 0.97881
Parameters:
a = 110.43223
b = 704.33032
c = 58.29065
d = 0.87042

Bead 3204

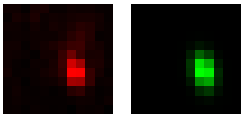
Date : Mon Oct 17 13:54:06 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

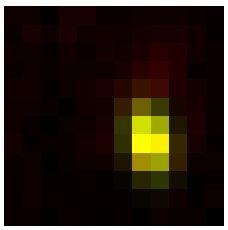
Coordinates : 146 um (x), 14.5 um (y), 57.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	386 nm	402 nm	270 nm
max	625 nm	651 nm	270 nm
z	2.18 um	2.19 um	1.3 um
Asymmetry	0.618		
Theta	-78.7°		

XY profile & fitting parameters :

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

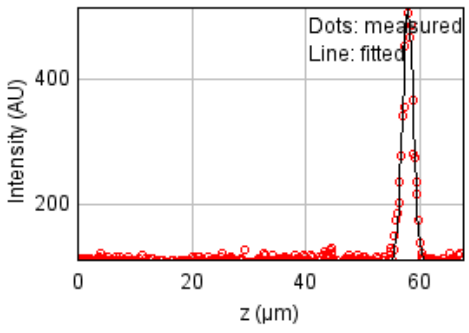




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.947

Parameters:
A = 499.330 (brightness)
B = 123.310 (background)
a = 0.877 px
b = -0.107 px
c = 0.365 px
xc = 7.437 px
yc = 6.805 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 23666.0173
Standard deviation: 8.77998
R^2: 0.98004
Parameters:
a = 110.93524
b = 515.51455
c = 57.94038
d = 0.92587

Bead 3205

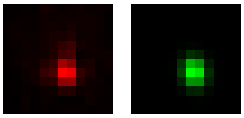
Date : Mon Oct 17 13:54:06 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

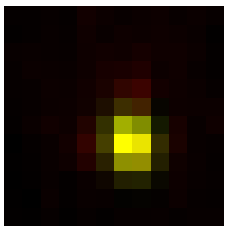
Coordinates : 89.4 um (x), 12.4 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	418 nm	436 nm	270 nm
max	537 nm	559 nm	270 nm
z	2.29 um	2.3 um	1.3 um
Asymmetry	0.779		
Theta	-80.0°		

XY profile & fitting parameters :

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

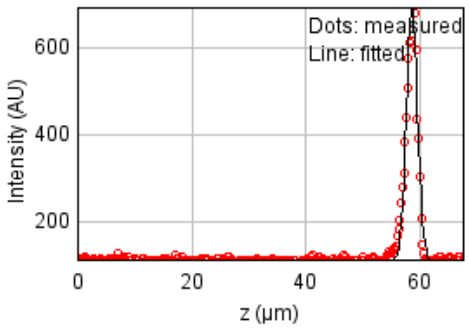




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.943

Parameters:
A = 714.270 (brightness)
B = 128.621 (background)
a = 0.757 px
b = -0.051 px
c = 0.474 px
xc = 6.420 px
yc = 6.941 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 51099.1897
Standard deviation: 12.90143
R^2: 0.98021
Parameters:
a = 112.29072
b = 695.21710
c = 58.65176
d = 0.97391

Bead 3206 (Rejected)

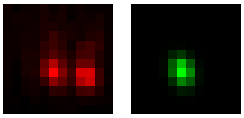
Date : Mon Oct 17 13:54:06 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

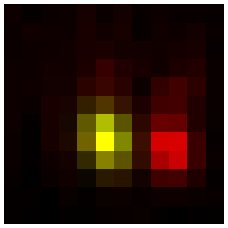
Coordinates : 114 um (x), 12.0 um (y), 58.3 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	405 nm	422 nm	270 nm
max	538 nm	560 nm	270 nm
z	2.23 um	2.24 um	1.3 um
Asymmetry	0.753		
Theta	-73.6°		

XY profile & fitting parameters :

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

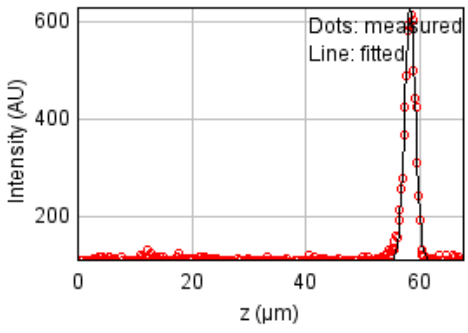




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.402

Parameters:
A = 470.929 (brightness)
B = 157.605 (background)
a = 0.790 px
b = -0.096 px
c = 0.492 px
xc = 5.078 px
yc = 6.817 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 23865.5504
Standard deviation: 8.81691
R^2: 0.98784
Parameters:
a = 112.44235
b = 629.06289
c = 58.31910
d = 0.94878

Bead 3207 (Rejected)

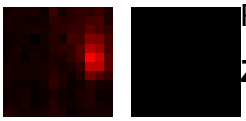
Date : Mon Oct 17 13:54:06 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 141 um (x), 10.5 um (y), 33.2 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	2.18 um	2.19 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

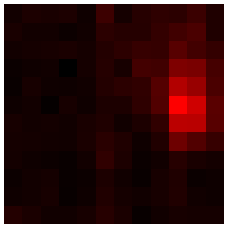
XY profile & fitting parameters :

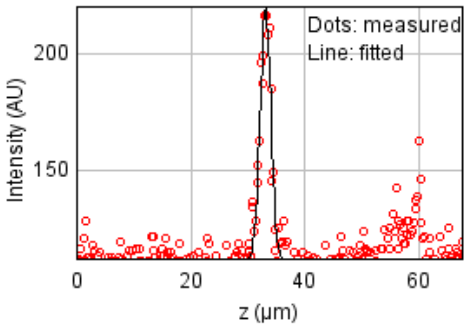
(red : the orignal data, green : the fit, yellow : the two merged)



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: 23354.8133
Standard deviation: 8.72206
R^2: 0.78200
Parameters:
a = 111.98178
b = 220.66473
c = 33.17866
d = 0.92514

Bead 3208 (Rejected)

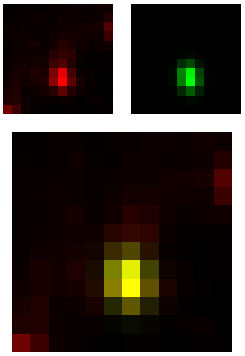
Date : Mon Oct 17 13:54:07 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 69.9 um (x), 9.67 um (y), 59.0 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	378 nm	394 nm	270 nm
max	487 nm	508 nm	270 nm
z	3.87 um	3.89 um	1.3 um
Asymmetry	0.775		
Theta	-81.7°		

XY profile & fitting parameters :

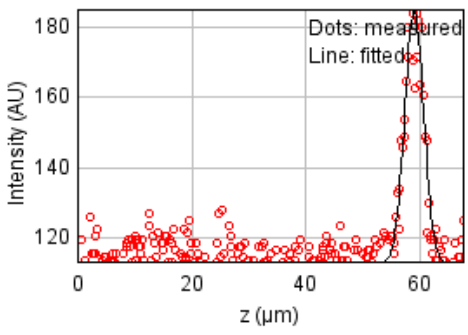
(red : the orignal data, green : the fit, yellow : the two merged)



Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.841

Parameters:
A = 917.408 (brightness)
B = 158.839 (background)
a = 0.932 px
b = -0.054 px
c = 0.573 px
xc = 5.857 px
yc = 7.551 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 12053.6861
Standard deviation: 6.26601
R^2: 0.83839
Parameters:
a = 113.11470
b = 184.96548
c = 59.04165
d = 1.64499

Bead 3209

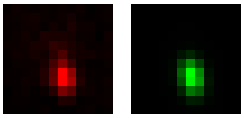
Date : Mon Oct 17 13:54:07 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

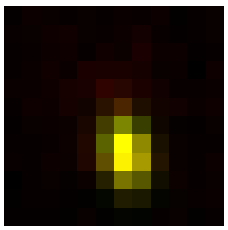
Coordinates : 158 um (x), -652 nm (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	408 nm	425 nm	270 nm
max	637 nm	663 nm	270 nm
z	1.98 um	1.98 um	1.3 um
Asymmetry	0.641		
Theta	-79.7°		

XY profile & fitting parameters :

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

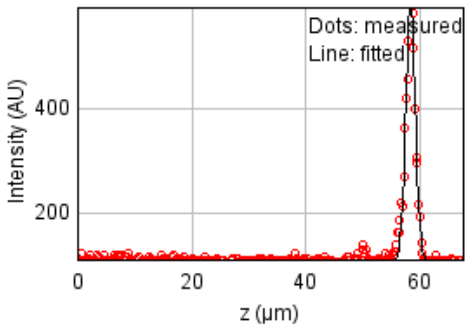




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.960

Parameters:
A = 532.886 (brightness)
B = 121.488 (background)
a = 0.789 px
b = -0.084 px
c = 0.346 px
xc = 6.154 px
yc = 7.463 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 29534.6867
Standard deviation: 9.80837
R^2: 0.98089
Parameters:
a = 110.98126
b = 595.35173
c = 58.40921
d = 0.83873

Bead 3210

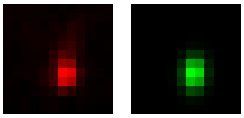
Date : Mon Oct 17 13:54:07 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

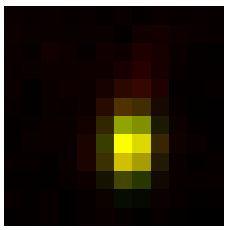
Coordinates : 135 um (x), -4.75 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	411 nm	428 nm	270 nm
max	607 nm	632 nm	270 nm
z	2.15 um	2.16 um	1.3 um
Asymmetry	0.678		
Theta	87.3°		

XY profile & fitting parameters :

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

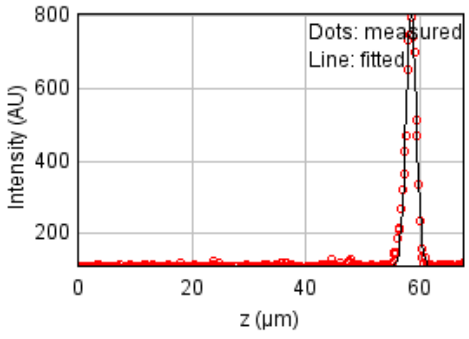




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.953

Parameters:
A = 753.904 (brightness)
B = 129.136 (background)
a = 0.793 px
b = 0.020 px
c = 0.366 px
xc = 6.393 px
yc = 7.090 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 49538.7012
Standard deviation: 12.70291
R^2: 0.98565
Parameters:
a = 110.89152
b = 807.10474
c = 58.51119
d = 0.91502

Bead 3211 (Rejected)

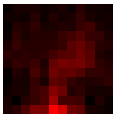
Date : Mon Oct 17 13:54:07 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

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°		

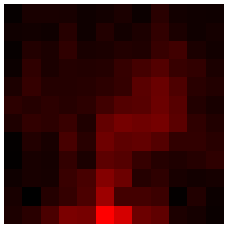
XY profile & fitting parameters :

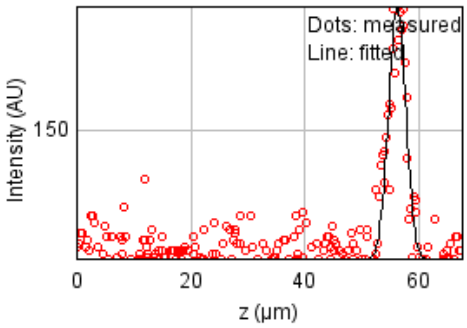
(red : the orignal data, green : the fit, yellow : the two merged)



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 3212

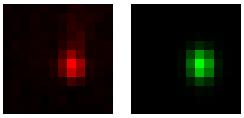
Date : Mon Oct 17 13:54:07 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

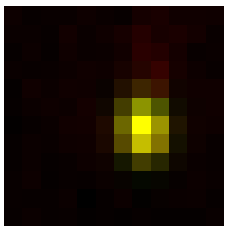
Coordinates : 140 um (x), -18.4 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	429 nm	447 nm	270 nm
max	566 nm	589 nm	270 nm
z	2.08 um	2.09 um	1.3 um
Asymmetry	0.759		
Theta	-87.0°		

XY profile & fitting parameters :

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

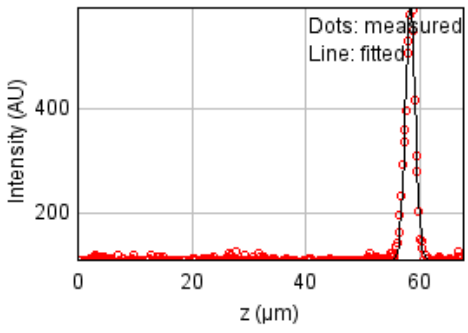




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.946

Parameters:
A = 467.887 (brightness)
B = 120.076 (background)
a = 0.727 px
b = -0.016 px
c = 0.420 px
xc = 7.131 px
yc = 6.155 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 30815.2845
Standard deviation: 10.01876
R^2: 0.98093
Parameters:
a = 110.82054
b = 594.29786
c = 58.36625
d = 0.88248

Bead 3213 (Rejected)

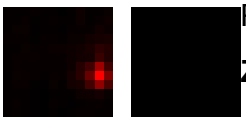
Date : Mon Oct 17 13:54:07 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 51.9 um (x), -55.6 um (y), 56.9 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	3.99 um	4.01 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

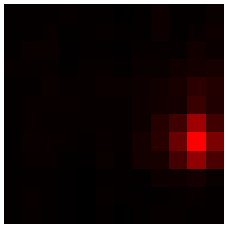
XY profile & fitting parameters :

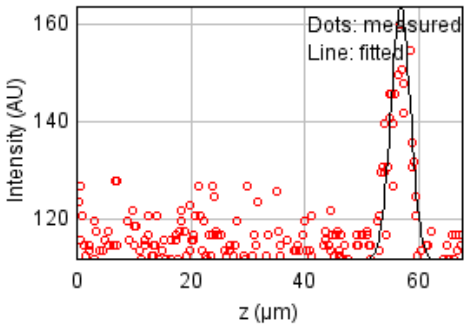
(red : the orignal data, green : the fit, yellow : the two merged)



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: 15210.4639
Standard deviation: 7.03886
R^2: 0.68595
Parameters:
a = 111.95851
b = 163.62808
c = 56.85447
d = 1.69486

Bead 3214

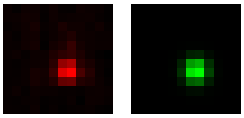
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

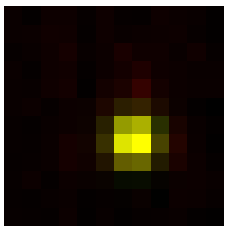
Coordinates : 158 um (x), -73.3 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	430 nm	448 nm	270 nm
max	459 nm	478 nm	270 nm
z	1.96 um	1.97 um	1.3 um
Asymmetry	0.938		
Theta	85.8°		

XY profile & fitting parameters :

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

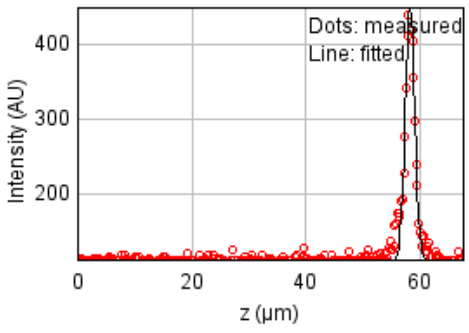




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 429.187 (brightness)
B = 116.373 (background)
a = 0.725 px
b = 0.006 px
c = 0.638 px
xc = 6.583 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: 27910.8510
Standard deviation: 9.53493
R^2: 0.96315
Parameters:
a = 111.02948
b = 447.91350
c = 58.30152
d = 0.83419

Bead 3215

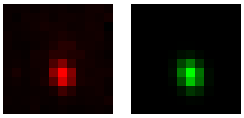
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

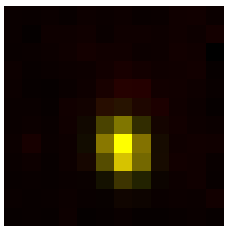
Coordinates : -108 um (x), 93.3 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	407 nm	424 nm	270 nm
max	521 nm	543 nm	270 nm
z	1.87 um	1.88 um	1.3 um
Asymmetry	0.781		
Theta	-72.7°		

XY profile & fitting parameters :

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

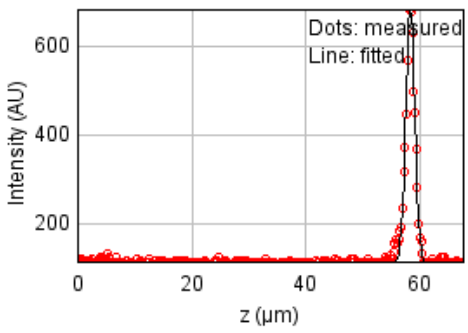




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.972

Parameters:
A = 597.011 (brightness)
B = 124.035 (background)
a = 0.782 px
b = -0.090 px
c = 0.522 px
xc = 6.011 px
yc = 7.241 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 27538.2290
Standard deviation: 9.47106
R^2: 0.98633
Parameters:
a = 114.14000
b = 683.07903
c = 58.36341
d = 0.79506

Bead 3216

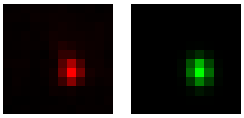
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

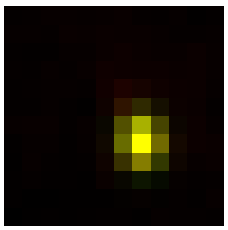
Coordinates : -68.6 um (x), 73.8 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	392 nm	408 nm	270 nm
max	499 nm	520 nm	270 nm
z	1.91 um	1.92 um	1.3 um
Asymmetry	0.785		
Theta	-83.4°		

XY profile & fitting parameters :

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

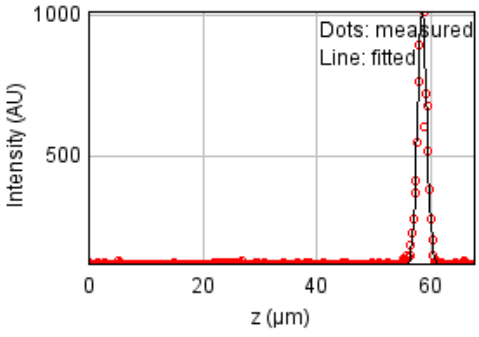




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 978.939 (brightness)
B = 124.287 (background)
a = 0.869 px
b = -0.038 px
c = 0.543 px
xc = 6.989 px
yc = 6.839 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 131327.409
Standard deviation: 20.68276
R^2: 0.97467
Parameters:
a = 114.33627
b = 1012.90526
c = 58.50727
d = 0.81133

Bead 3217

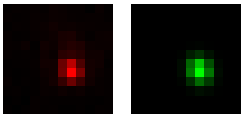
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

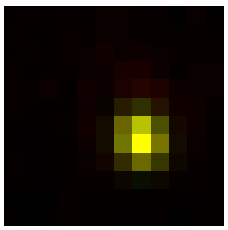
Coordinates : -120 um (x), 73.2 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	489 nm	509 nm	270 nm
z	1.92 um	1.92 um	1.3 um
Asymmetry	0.839		
Theta	-74.2°		

XY profile & fitting parameters :

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

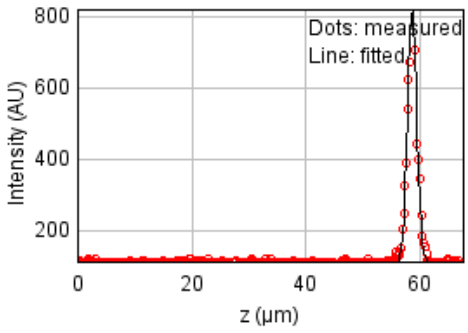




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.970

Parameters:
A = 753.181 (brightness)
B = 123.818 (background)
a = 0.780 px
b = -0.062 px
c = 0.578 px
xc = 6.978 px
yc = 6.732 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 57396.9707
Standard deviation: 13.67336
R^2: 0.98206
Parameters:
a = 113.13056
b = 820.67368
c = 58.68949
d = 0.81383

Bead 3218

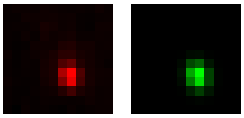
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

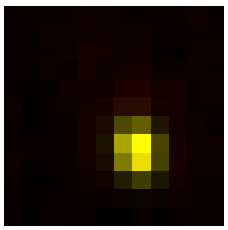
Coordinates : -61.9 um (x), 70.2 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	382 nm	398 nm	270 nm
max	493 nm	513 nm	270 nm
z	1.81 um	1.81 um	1.3 um
Asymmetry	0.775		
Theta	-77.5°		

XY profile & fitting parameters :

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

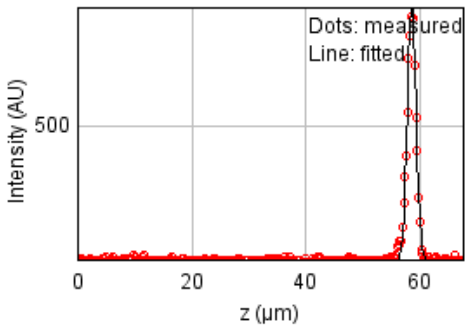




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 801.958 (brightness)
B = 124.147 (background)
a = 0.902 px
b = -0.077 px
c = 0.570 px
xc = 6.772 px
yc = 7.336 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25772.4577
Standard deviation: 9.16239
R^2: 0.99208
Parameters:
a = 113.35637
b = 851.13023
c = 58.61226
d = 0.76734

Bead 3219

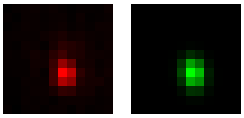
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

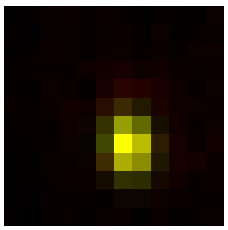
Coordinates : -97.8 um (x), 67.4 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	560 nm	583 nm	270 nm
z	2.04 um	2.04 um	1.3 um
Asymmetry	0.732		
Theta	-81.9°		

XY profile & fitting parameters :

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

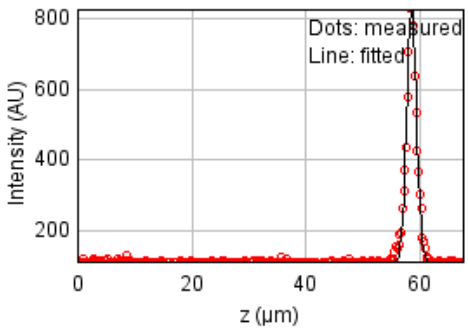




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.968

Parameters:
A = 743.122 (brightness)
B = 127.833 (background)
a = 0.791 px
b = -0.052 px
c = 0.435 px
xc = 6.310 px
yc = 7.083 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 34450.7380
Standard deviation: 10.59327
R^2: 0.98992
Parameters:
a = 113.38291
b = 826.51383
c = 58.59731
d = 0.86447

Bead 3220 (Rejected)

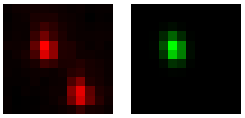
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

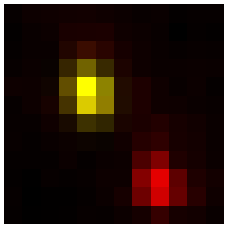
Coordinates : -112 um (x), 66.5 um (y), 59.0 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	375 nm	391 nm	270 nm
max	487 nm	507 nm	270 nm
z	1.91 um	1.91 um	1.3 um
Asymmetry	0.771		
Theta	-74.9°		

XY profile & fitting parameters :

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

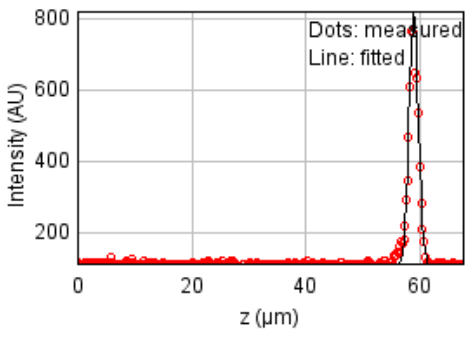




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.491

Parameters:
A = 757.194 (brightness)
B = 166.190 (background)
a = 0.926 px
b = -0.097 px
c = 0.592 px
xc = 4.172 px
yc = 4.333 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 69252.3853
Standard deviation: 15.01925
R^2: 0.97827
Parameters:
a = 113.35424
b = 819.73598
c = 58.97186
d = 0.80984

Bead 3221

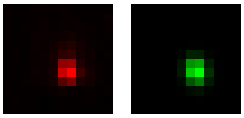
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

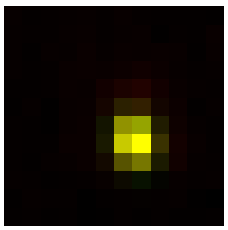
Coordinates : -62.8 um (x), 64.8 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	376 nm	392 nm	270 nm
max	475 nm	495 nm	270 nm
z	1.69 um	1.69 um	1.3 um
Asymmetry	0.791		
Theta	-79.8°		

XY profile & fitting parameters :

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

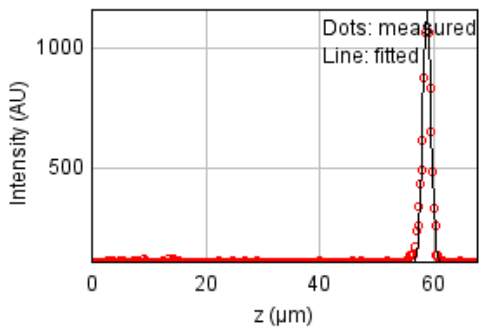




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.979

Parameters:
A = 1228.705 (brightness)
B = 128.283 (background)
a = 0.937 px
b = -0.062 px
c = 0.605 px
xc = 6.614 px
yc = 6.830 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 65517.5475
Standard deviation: 14.60863
R^2: 0.98940
Parameters:
a = 114.51969
b = 1164.28616
c = 58.82486
d = 0.71583

Bead 3222

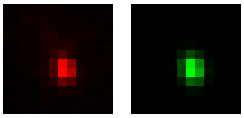
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

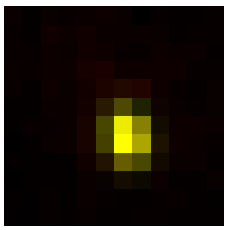
Coordinates : -44.0 um (x), 64.9 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	397 nm	270 nm
max	507 nm	528 nm	270 nm
z	2.04 um	2.05 um	1.3 um
Asymmetry	0.751		
Theta	-77.1°		

XY profile & fitting parameters :

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

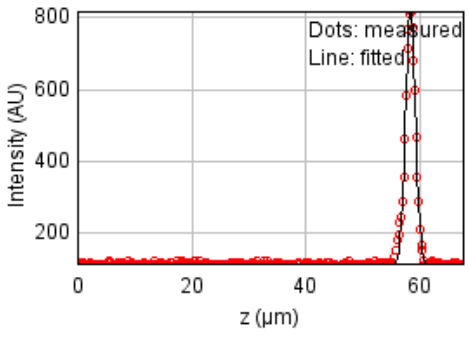




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 794.512 (brightness)
B = 123.771 (background)
a = 0.905 px
b = -0.088 px
c = 0.542 px
xc = 6.223 px
yc = 6.608 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 21482.1472
Standard deviation: 8.36507
R^2: 0.99360
Parameters:
a = 113.11269
b = 820.66366
c = 58.39704
d = 0.86586

Bead 3223

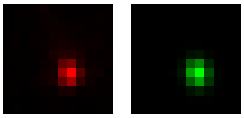
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

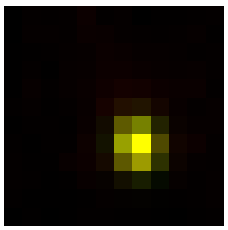
Coordinates : -62.3 um (x), 61.3 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	393 nm	409 nm	270 nm
max	480 nm	500 nm	270 nm
z	1.68 um	1.69 um	1.3 um
Asymmetry	0.819		
Theta	-79.9°		

XY profile & fitting parameters :

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

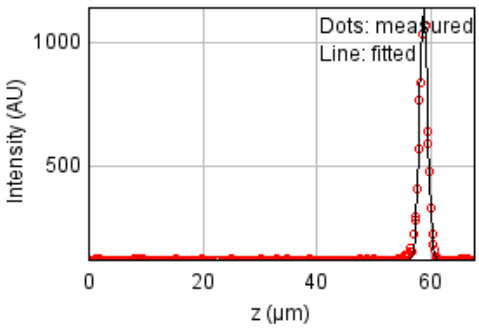




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 1072.507 (brightness)
B = 127.337 (background)
a = 0.860 px
b = -0.049 px
c = 0.592 px
xc = 6.774 px
yc = 7.059 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 90102.2619
Standard deviation: 17.13163
R^2: 0.98491
Parameters:
a = 113.25168
b = 1144.67252
c = 58.77270
d = 0.71287

Bead 3224 (Rejected)

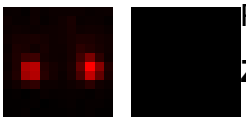
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : -39.8 um (x), 60.8 um (y), 58.5 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	1.84 um	1.84 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

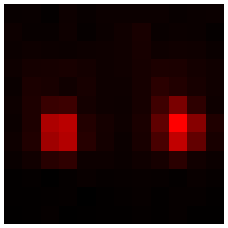
XY profile & fitting parameters :

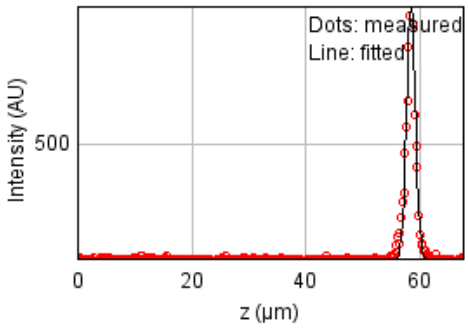
(red : the orignal data, green : the fit, yellow : the two merged)



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: 65173.2974
Standard deviation: 14.57020
R^2: 0.98499
Parameters:
a = 114.79683
b = 957.24870
c = 58.48459
d = 0.77964

Bead 3225

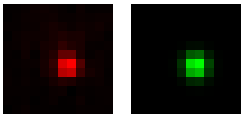
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

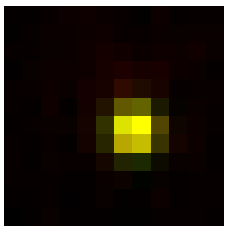
Coordinates : -10.7 um (x), 56.6 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	434 nm	452 nm	270 nm
max	462 nm	482 nm	270 nm
z	1.97 um	1.98 um	1.3 um
Asymmetry	0.938		
Theta	-88.0°		

XY profile & fitting parameters :

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

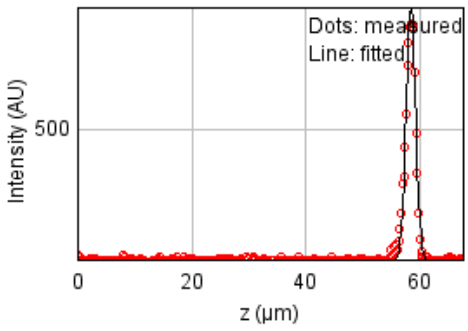




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.972

Parameters:
A = 819.455 (brightness)
B = 127.287 (background)
a = 0.713 px
b = -0.003 px
c = 0.628 px
xc = 6.583 px
yc = 6.257 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 54446.9072
Standard deviation: 13.31734
R^2: 0.98523
Parameters:
a = 114.58582
b = 865.21574
c = 58.45591
d = 0.83690

Bead 3226

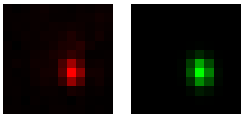
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

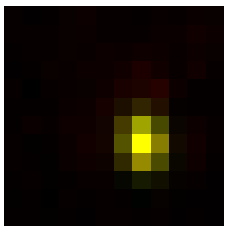
Coordinates : 45.6 um (x), 53.1 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	396 nm	270 nm
max	505 nm	526 nm	270 nm
z	1.99 um	2.0 um	1.3 um
Asymmetry	0.753		
Theta	-82.8°		

XY profile & fitting parameters :

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

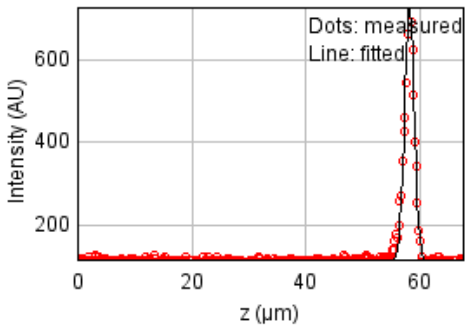




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 659.888 (brightness)
B = 124.395 (background)
a = 0.920 px
b = -0.050 px
c = 0.531 px
xc = 7.106 px
yc = 6.928 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 35229.0196
Standard deviation: 10.71226
R^2: 0.98602
Parameters:
a = 114.13211
b = 731.53167
c = 58.19712
d = 0.84644

Bead 3227

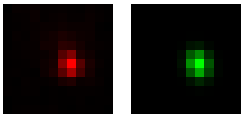
Date : Mon Oct 17 13:54:08 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

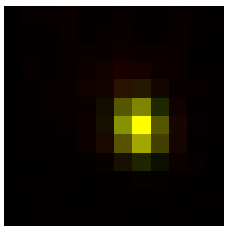
Coordinates : -30.8 um (x), 52.2 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	398 nm	414 nm	270 nm
max	506 nm	527 nm	270 nm
z	1.77 um	1.78 um	1.3 um
Asymmetry	0.787		
Theta	-77.1°		

XY profile & fitting parameters :

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

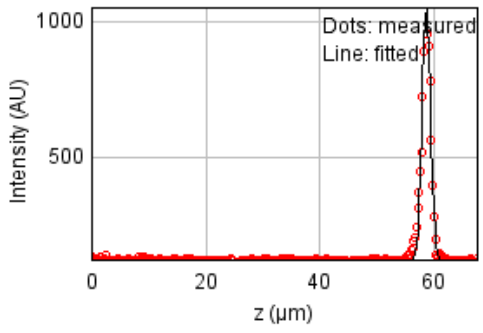




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.972

Parameters:
A = 953.935 (brightness)
B = 128.787 (background)
a = 0.831 px
b = -0.070 px
c = 0.541 px
xc = 6.847 px
yc = 6.078 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 58390.7367
Standard deviation: 13.79122
R^2: 0.98872
Parameters:
a = 115.20464
b = 1053.66884
c = 58.71978
d = 0.75079

Bead 3228 (Rejected)

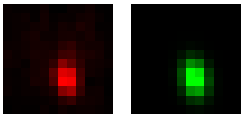
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

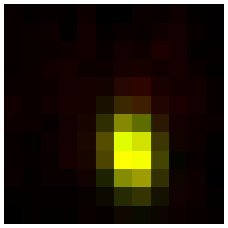
Coordinates : -16.8 um (x), 51.5 um (y), 57.7 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	450 nm	468 nm	270 nm
max	674 nm	701 nm	270 nm
z	2.96 um	2.97 um	1.3 um
Asymmetry	0.668		
Theta	-81.1°		

XY profile & fitting parameters :

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

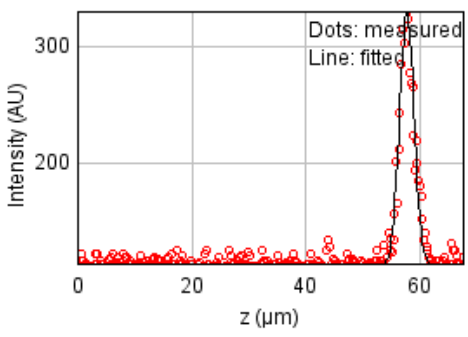




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.971

Parameters:
A = 523.419 (brightness)
B = 128.149 (background)
a = 0.654 px
b = -0.056 px
c = 0.305 px
xc = 6.462 px
yc = 7.596 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 24457.5167
Standard deviation: 8.92559
R^2: 0.94790
Parameters:
a = 113.76381
b = 330.71587
c = 57.74362
d = 1.25602

Bead 3229

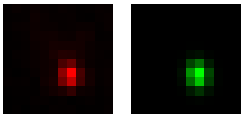
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

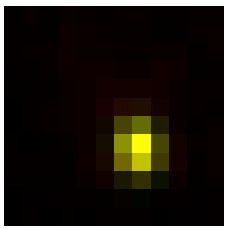
Coordinates : -10.8 um (x), 51.5 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	397 nm	270 nm
max	487 nm	507 nm	270 nm
z	1.83 um	1.84 um	1.3 um
Asymmetry	0.783		
Theta	-84.3°		

XY profile & fitting parameters :

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

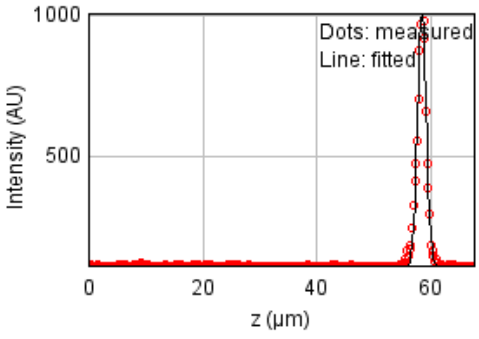




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 984.256 (brightness)
B = 129.976 (background)
a = 0.920 px
b = -0.035 px
c = 0.570 px
xc = 6.807 px
yc = 7.249 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 58309.4280
Standard deviation: 13.78162
R^2: 0.98803
Parameters:
a = 114.36517
b = 1008.90139
c = 58.46465
d = 0.77840

Bead 3230

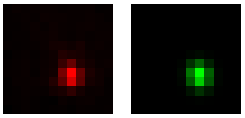
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

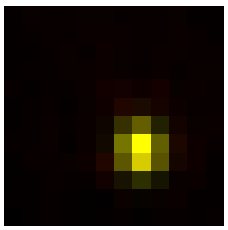
Coordinates : -54.4 um (x), 51.1 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	388 nm	404 nm	270 nm
max	469 nm	488 nm	270 nm
z	1.83 um	1.84 um	1.3 um
Asymmetry	0.827		
Theta	-81.6°		

XY profile & fitting parameters :

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

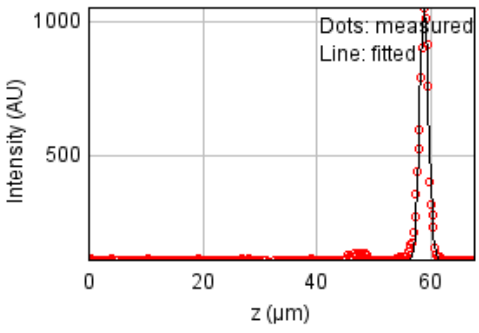




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.980

Parameters:
A = 1054.348 (brightness)
B = 127.510 (background)
a = 0.887 px
b = -0.041 px
c = 0.617 px
xc = 6.954 px
yc = 7.312 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 89560.2682
Standard deviation: 17.08003
R^2: 0.98349
Parameters:
a = 115.59312
b = 1058.36142
c = 58.86128
d = 0.77654

Bead 3231 (Rejected)

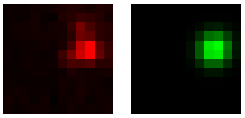
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

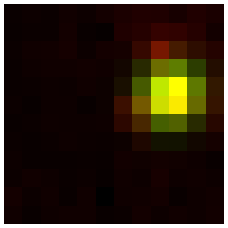
Coordinates : -12.4 um (x), 47.8 um (y), 15.7 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	556 nm	579 nm	270 nm
max	587 nm	611 nm	270 nm
z	3.94 um	3.95 um	1.3 um
Asymmetry	0.948		
Theta	62.4°		

XY profile & fitting parameters :

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

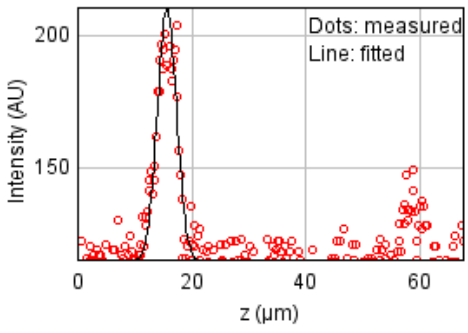




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.897

Parameters:
A = 392.634 (brightness)
B = 118.612 (background)
a = 0.425 px
b = 0.018 px
c = 0.400 px
xc = 8.596 px
yc = 4.415 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 23436.7023
Standard deviation: 8.73734
R^2: 0.82437
Parameters:
a = 115.70867
b = 210.32839
c = 15.73691
d = 1.67125

Bead 3232

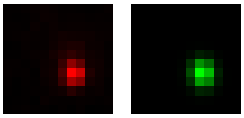
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

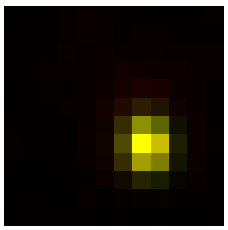
Coordinates : -63.3 um (x), 42.6 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	419 nm	436 nm	270 nm
max	506 nm	527 nm	270 nm
z	1.9 um	1.91 um	1.3 um
Asymmetry	0.828		
Theta	-83.5°		

XY profile & fitting parameters :

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

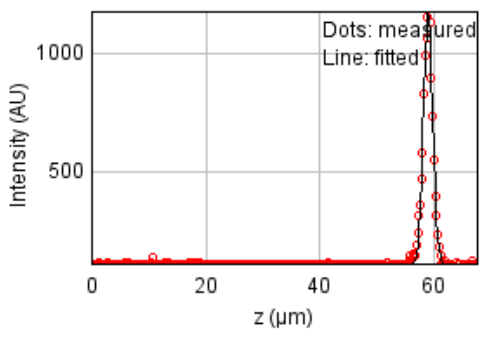




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.979

Parameters:
A = 1106.957 (brightness)
B = 128.408 (background)
a = 0.762 px
b = -0.027 px
c = 0.528 px
xc = 7.303 px
yc = 7.062 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39448.7381
Standard deviation: 11.33567
R^2: 0.99443
Parameters:
a = 113.92752
b = 1177.38315
c = 59.02881
d = 0.80635

Bead 3233

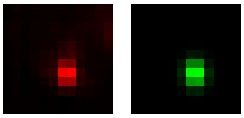
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

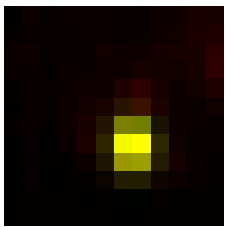
Coordinates : 35.3 um (x), 41.2 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	379 nm	394 nm	270 nm
max	476 nm	496 nm	270 nm
z	2.19 um	2.2 um	1.3 um
Asymmetry	0.795		
Theta	-87.4°		

XY profile & fitting parameters :

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

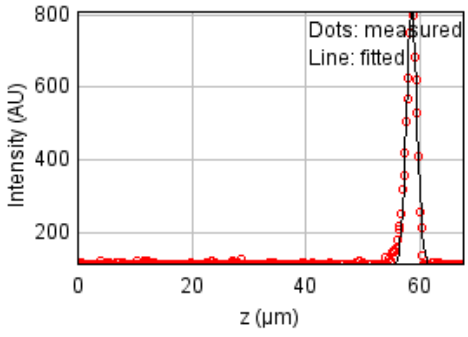




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.937

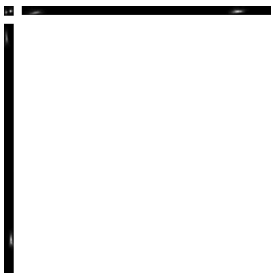
Parameters:
A = 845.931 (brightness)
B = 136.370 (background)
a = 0.935 px
b = -0.016 px
c = 0.593 px
xc = 6.512 px
yc = 7.085 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 60577.4761
Standard deviation: 14.04709
R^2: 0.98285
Parameters:
a = 113.81089
b = 811.47936
c = 58.61050
d = 0.93071

Bead 3234 (Rejected)



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

Coordinates : 1.56 um (x), 37.9 um (y), 3.75 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

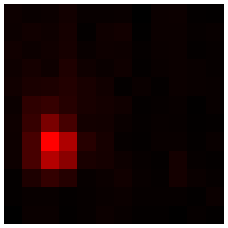
FWHM	Non corrected	Corrected	Theoretical
min	0	0	270 nm
max	0	0	270 nm
z	2.0 um	2.01 um	1.3 um
Asymmetry	0.0		
Theta	0.0°		

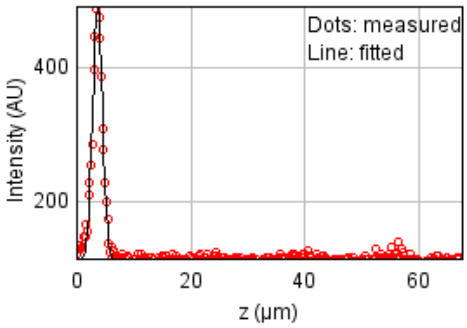
XY profile & fitting parameters :

(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: 20465.5235
Standard deviation: 8.16474
R^2: 0.97857
Parameters:
a = 113.81762
b = 491.56603
c = 3.74770
d = 0.85088

Bead 3235

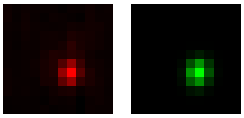
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

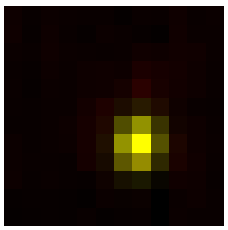
Coordinates : 41.1 um (x), 33.3 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	395 nm	412 nm	270 nm
max	484 nm	504 nm	270 nm
z	1.88 um	1.89 um	1.3 um
Asymmetry	0.817		
Theta	81.0°		

XY profile & fitting parameters :

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

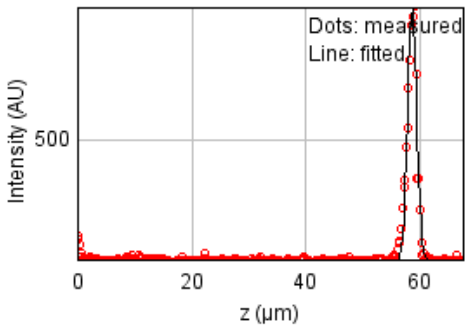




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 783.959 (brightness)
B = 126.721 (background)
a = 0.852 px
b = 0.044 px
c = 0.581 px
xc = 6.827 px
yc = 6.994 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 129196.381
Standard deviation: 20.51427
R^2: 0.96919
Parameters:
a = 116.30658
b = 927.50119
c = 58.69160
d = 0.79995

Bead 3236

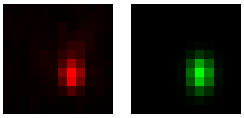
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

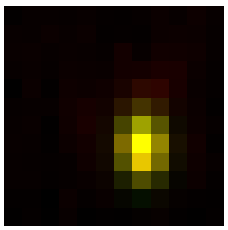
Coordinates : 48.9 um (x), 31.8 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	418 nm	436 nm	270 nm
max	617 nm	643 nm	270 nm
z	3.01 um	3.02 um	1.3 um
Asymmetry	0.678		
Theta	-89.5°		

XY profile & fitting parameters :

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

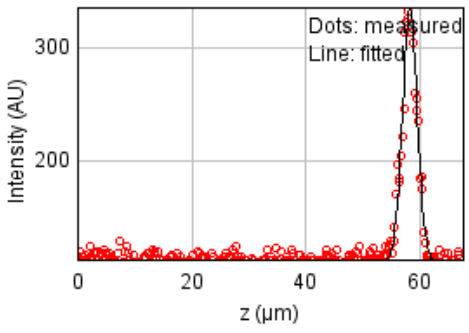




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.963

Parameters:
A = 657.599 (brightness)
B = 127.787 (background)
a = 0.766 px
b = -0.004 px
c = 0.352 px
xc = 7.076 px
yc = 7.144 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 20076.2578
Standard deviation: 8.08672
R^2: 0.95951
Parameters:
a = 112.68944
b = 335.19368
c = 58.28529
d = 1.27828

Bead 3237

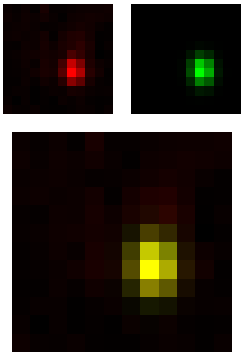
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 83.7 um (x), 31.4 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	406 nm	423 nm	270 nm
max	536 nm	558 nm	270 nm
z	2.12 um	2.13 um	1.3 um
Asymmetry	0.758		
Theta	-87.2°		

XY profile & fitting parameters :

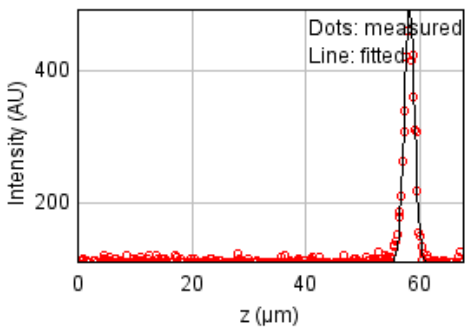
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 465.321 (brightness)
B = 120.714 (background)
a = 0.814 px
b = -0.017 px
c = 0.468 px
xc = 7.249 px
yc = 6.764 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 31536.2865
Standard deviation: 10.13529
R^2: 0.96966
Parameters:
a = 112.41469
b = 493.94979
c = 58.19796
d = 0.90181

Bead 3238

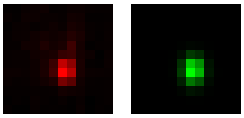
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

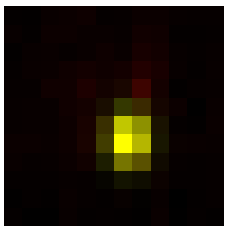
Coordinates : 45.6 um (x), 28.5 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	389 nm	405 nm	270 nm
max	510 nm	532 nm	270 nm
z	1.98 um	1.99 um	1.3 um
Asymmetry	0.762		
Theta	88.2°		

XY profile & fitting parameters :

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

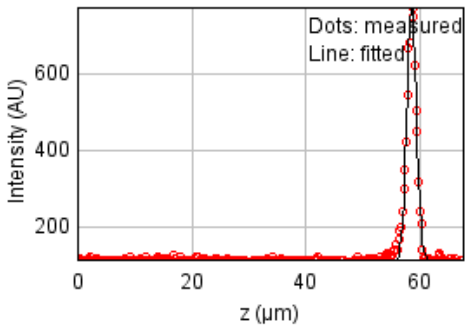




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.957

Parameters:
A = 757.276 (brightness)
B = 127.356 (background)
a = 0.886 px
b = 0.011 px
c = 0.515 px
xc = 6.311 px
yc = 6.735 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 30383.5537
Standard deviation: 9.94833
R^2: 0.98944
Parameters:
a = 113.61425
b = 776.44022
c = 58.59787
d = 0.84094

Bead 3239

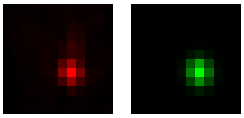
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

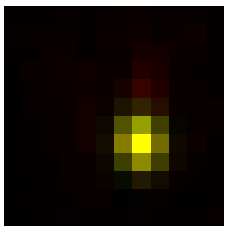
Coordinates : 65.1 um (x), 24.8 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	500 nm	520 nm	270 nm
z	2.01 um	2.02 um	1.3 um
Asymmetry	0.82		
Theta	-82.6°		

XY profile & fitting parameters :

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

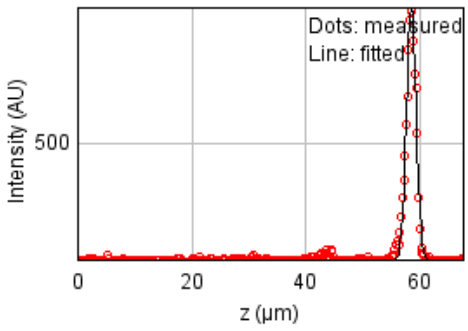




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.951

Parameters:
A = 798.792 (brightness)
B = 129.240 (background)
a = 0.795 px
b = -0.033 px
c = 0.542 px
xc = 6.952 px
yc = 6.932 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 63718.9080
Standard deviation: 14.40672
R^2: 0.98612
Parameters:
a = 115.01499
b = 945.51200
c = 58.54418
d = 0.85299

Bead 3240

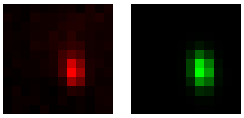
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

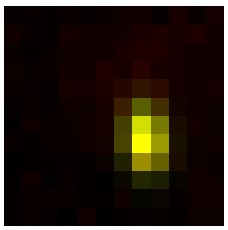
Coordinates : 138 um (x), 23.3 um (y), 57.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	396 nm	270 nm
max	615 nm	641 nm	270 nm
z	2.18 um	2.19 um	1.3 um
Asymmetry	0.619		
Theta	-84.3°		

XY profile & fitting parameters :

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

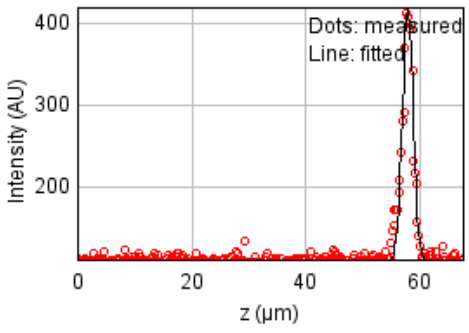




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.943

Parameters:
A = 334.501 (brightness)
B = 121.302 (background)
a = 0.921 px
b = -0.056 px
c = 0.360 px
xc = 7.215 px
yc = 6.721 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 24232.8192
Standard deviation: 8.88450
R^2: 0.96545
Parameters:
a = 110.79884
b = 419.54753
c = 57.92909
d = 0.92670

Bead 3241

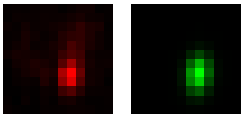
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

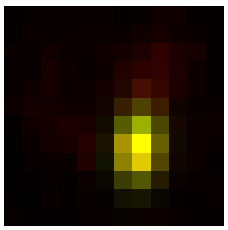
Coordinates : 82.2 um (x), 21.9 um (y), 57.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	418 nm	435 nm	270 nm
max	669 nm	697 nm	270 nm
z	3.52 um	3.54 um	1.3 um
Asymmetry	0.625		
Theta	84.4°		

XY profile & fitting parameters :

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

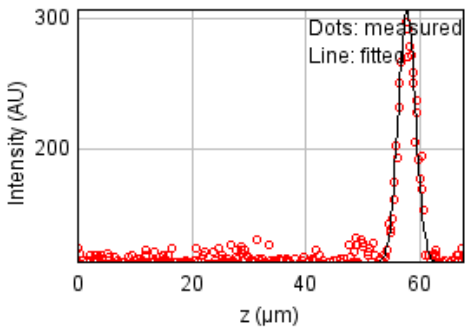




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.928

Parameters:
A = 513.889 (brightness)
B = 129.383 (background)
a = 0.765 px
b = 0.046 px
c = 0.305 px
xc = 6.848 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: 23015.5196
Standard deviation: 8.65847
R^2: 0.94839
Parameters:
a = 112.45455
b = 307.55456
c = 57.76346
d = 1.49623

Bead 3242

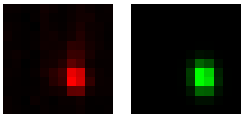
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

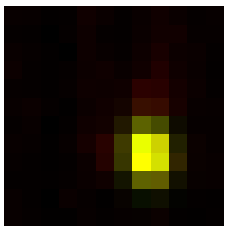
Coordinates : 88.5 um (x), 21.1 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	399 nm	415 nm	270 nm
max	532 nm	554 nm	270 nm
z	1.99 um	1.99 um	1.3 um
Asymmetry	0.75		
Theta	-84.6°		

XY profile & fitting parameters :

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

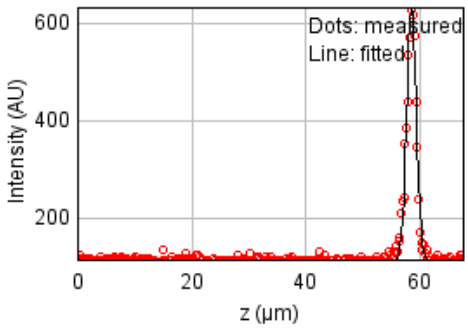




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.953

Parameters:
A = 679.386 (brightness)
B = 123.432 (background)
a = 0.841 px
b = -0.034 px
c = 0.478 px
xc = 7.404 px
yc = 7.532 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 33714.9372
Standard deviation: 10.47953
R^2: 0.98109
Parameters:
a = 112.73897
b = 631.74571
c = 58.57493
d = 0.84340

Bead 3243

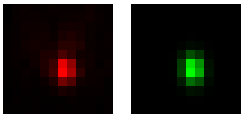
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

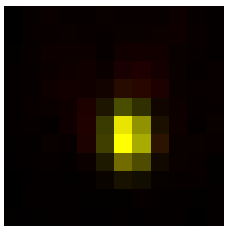
Coordinates : 47.1 um (x), 20.7 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	385 nm	401 nm	270 nm
max	524 nm	546 nm	270 nm
z	2.08 um	2.09 um	1.3 um
Asymmetry	0.734		
Theta	-86.8°		

XY profile & fitting parameters :

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

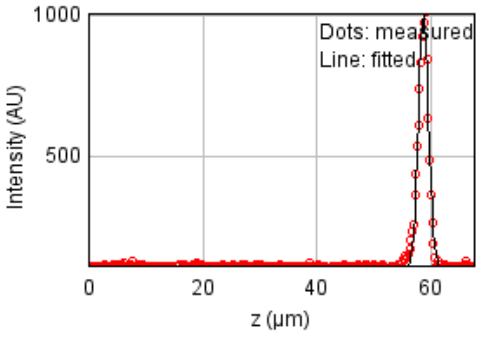




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 956.163 (brightness)
B = 131.159 (background)
a = 0.904 px
b = -0.024 px
c = 0.489 px
xc = 6.267 px
yc = 6.626 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 71008.7440
Standard deviation: 15.20851
R^2: 0.98698
Parameters:
a = 113.47474
b = 1003.63071
c = 58.74722
d = 0.88381

Bead 3244

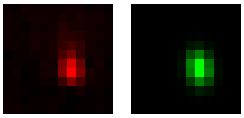
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

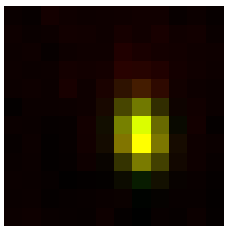
Coordinates : 150 um (x), 19.1 um (y), 57.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	414 nm	431 nm	270 nm
max	611 nm	636 nm	270 nm
z	2.12 um	2.13 um	1.3 um
Asymmetry	0.678		
Theta	-82.6°		

XY profile & fitting parameters :

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

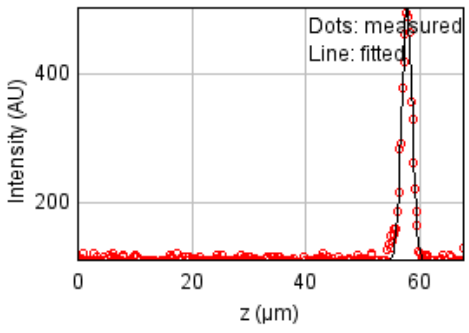




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.945

Parameters:
A = 414.841 (brightness)
B = 119.888 (background)
a = 0.775 px
b = -0.054 px
c = 0.367 px
xc = 6.969 px
yc = 6.505 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 18014.0405
Standard deviation: 7.66013
R^2: 0.98367
Parameters:
a = 109.52879
b = 505.59268
c = 57.76813
d = 0.90083

Bead 3245 (Rejected)

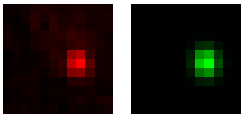
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

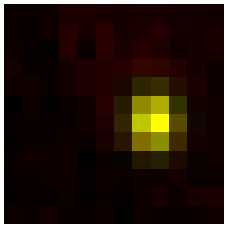
Coordinates : 155 um (x), 18.6 um (y), 21.6 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	427 nm	445 nm	270 nm
max	529 nm	551 nm	270 nm
z	2.13 um	2.14 um	1.3 um
Asymmetry	0.808		
Theta	-88.1°		

XY profile & fitting parameters :

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

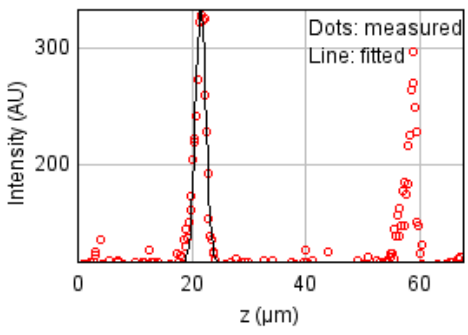




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.921

Parameters:
A = 249.621 (brightness)
B = 115.130 (background)
a = 0.734 px
b = -0.008 px
c = 0.480 px
xc = 7.664 px
yc = 5.890 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 187431.014
Standard deviation: 24.70879
R^2: 0.63827
Parameters:
a = 116.22400
b = 334.33811
c = 21.64126
d = 0.90579

Bead 3246 (Rejected)

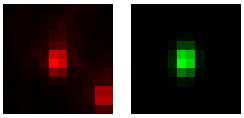
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

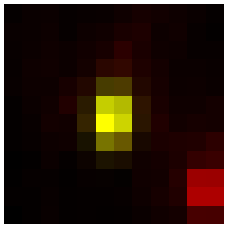
Coordinates : 36.0 um (x), 16.9 um (y), 58.8 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	355 nm	369 nm	270 nm
max	517 nm	539 nm	270 nm
z	2.17 um	2.18 um	1.3 um
Asymmetry	0.686		
Theta	85.7°		

XY profile & fitting parameters :

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

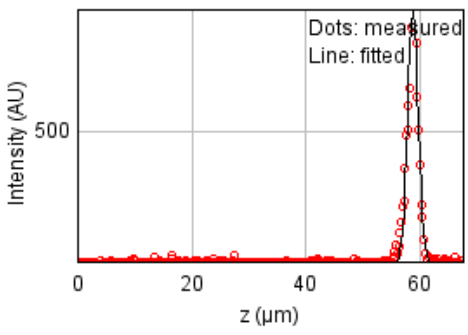




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.602

Parameters:
A = 893.163 (brightness)
B = 160.687 (background)
a = 1.063 px
b = 0.042 px
c = 0.505 px
xc = 5.425 px
yc = 5.679 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 67925.2579
Standard deviation: 14.87464
R^2: 0.98300
Parameters:
a = 114.22949
b = 859.50367
c = 58.82882
d = 0.92202

Bead 3247

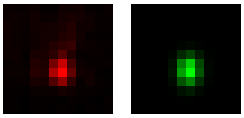
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

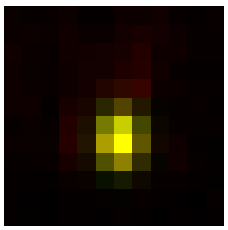
Coordinates : 84.2 um (x), 16.2 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	412 nm	429 nm	270 nm
max	544 nm	567 nm	270 nm
z	2.07 um	2.08 um	1.3 um
Asymmetry	0.757		
Theta	88.0°		

XY profile & fitting parameters :

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

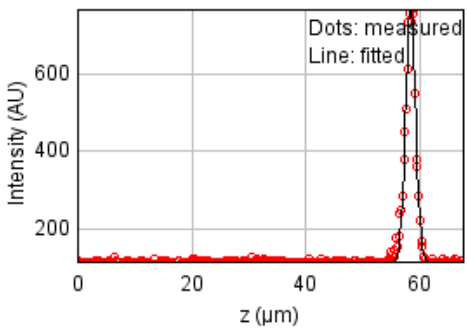




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.937

Parameters:
A = 642.287 (brightness)
B = 129.736 (background)
a = 0.792 px
b = 0.012 px
c = 0.454 px
xc = 5.812 px
yc = 6.744 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 48642.4467
Standard deviation: 12.58747
R^2: 0.98366
Parameters:
a = 113.44885
b = 771.81119
c = 58.41861
d = 0.87916

Bead 3248

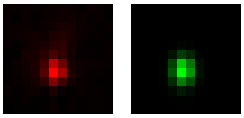
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

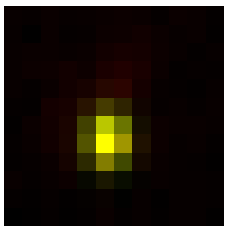
Coordinates : 57.7 um (x), 15.1 um (y), 52.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	403 nm	419 nm	270 nm
max	527 nm	549 nm	270 nm
z	2.0 um	2.01 um	1.3 um
Asymmetry	0.764		
Theta	89.8°		

XY profile & fitting parameters :

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

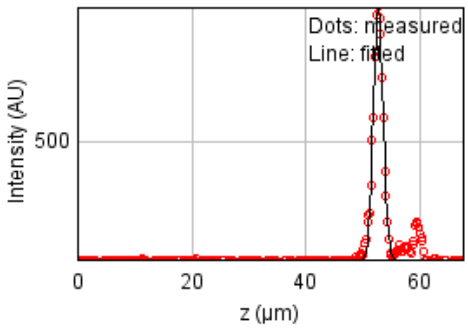




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.955

Parameters:
A = 826.058 (brightness)
B = 129.020 (background)
a = 0.828 px
b = 0.001 px
c = 0.483 px
xc = 5.176 px
yc = 6.759 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 140166.258
Standard deviation: 21.36744
R^2: 0.96841
Parameters:
a = 118.42815
b = 929.33128
c = 52.75893
d = 0.84879

Bead 3249

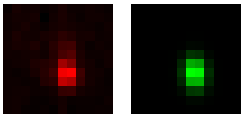
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

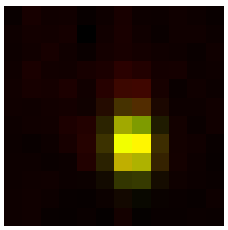
Coordinates : 120 um (x), 11.5 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	401 nm	418 nm	270 nm
max	582 nm	606 nm	270 nm
z	2.22 um	2.23 um	1.3 um
Asymmetry	0.689		
Theta	-86.6°		

XY profile & fitting parameters :

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

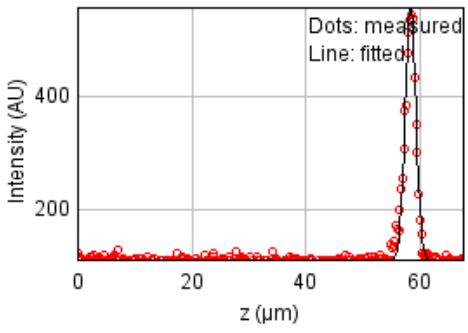




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.942

Parameters:
A = 482.436 (brightness)
B = 123.004 (background)
a = 0.833 px
b = -0.026 px
c = 0.398 px
xc = 6.480 px
yc = 7.054 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 29623.9862
Standard deviation: 9.82319
R^2: 0.97978
Parameters:
a = 112.22611
b = 558.02794
c = 58.40966
d = 0.94310

Bead 3250

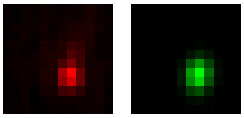
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

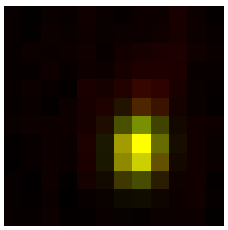
Coordinates : 96.5 um (x), 10.4 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	442 nm	460 nm	270 nm
max	592 nm	617 nm	270 nm
z	2.13 um	2.14 um	1.3 um
Asymmetry	0.747		
Theta	82.4°		

XY profile & fitting parameters :

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

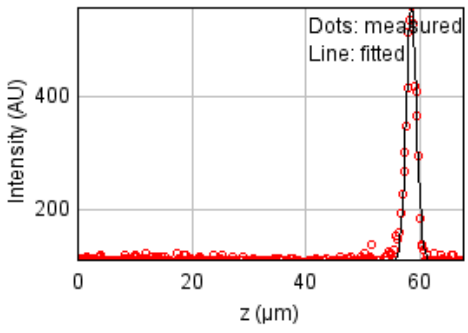




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.934

Parameters:
A = 435.654 (brightness)
B = 121.076 (background)
a = 0.681 px
b = 0.040 px
c = 0.388 px
xc = 6.850 px
yc = 7.245 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 31202.8332
Standard deviation: 10.08156
R^2: 0.97763
Parameters:
a = 111.98654
b = 554.97228
c = 58.55354
d = 0.90547

Bead 3251

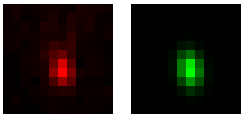
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

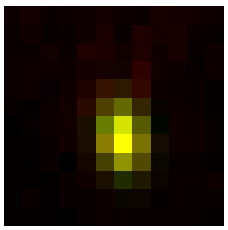
Coordinates : 143 um (x), 8.99 um (y), 58.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	417 nm	434 nm	270 nm
max	642 nm	669 nm	270 nm
z	2.07 um	2.08 um	1.3 um
Asymmetry	0.649		
Theta	-82.4°		

XY profile & fitting parameters :

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

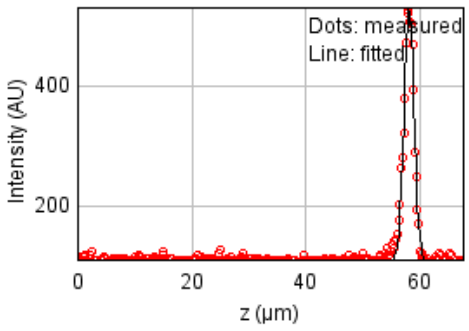




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.941

Parameters:
A = 404.677 (brightness)
B = 119.541 (background)
a = 0.765 px
b = -0.059 px
c = 0.333 px
xc = 5.944 px
yc = 6.659 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 18414.3244
Standard deviation: 7.74477
R^2: 0.98471
Parameters:
a = 111.81885
b = 531.06339
c = 58.13145
d = 0.87796

Bead 3252

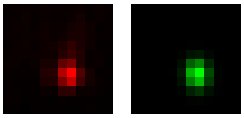
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

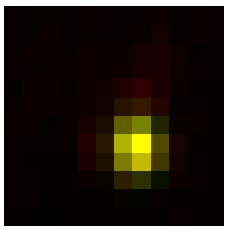
Coordinates : 70.1 um (x), 3.59 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	519 nm	541 nm	270 nm
z	2.21 um	2.22 um	1.3 um
Asymmetry	0.789		
Theta	-85.4°		

XY profile & fitting parameters :

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

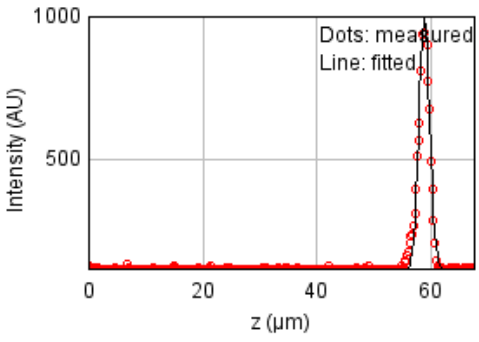




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 951.488 (brightness)
B = 133.606 (background)
a = 0.797 px
b = -0.024 px
c = 0.499 px
xc = 6.730 px
yc = 7.162 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 64108.1824
Standard deviation: 14.45066
R^2: 0.98888
Parameters:
a = 114.01871
b = 1004.84977
c = 58.89547
d = 0.93776

Bead 3253

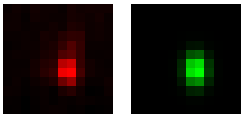
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

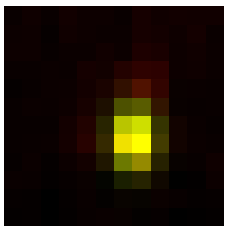
Coordinates : 75.6 um (x), 3.04 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	413 nm	430 nm	270 nm
max	597 nm	622 nm	270 nm
z	2.38 um	2.39 um	1.3 um
Asymmetry	0.691		
Theta	-89.7°		

XY profile & fitting parameters :

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

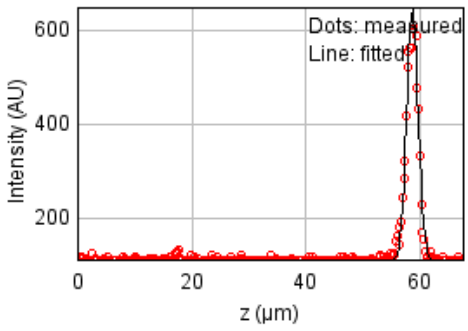




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.938

Parameters:
A = 556.369 (brightness)
B = 124.202 (background)
a = 0.789 px
b = -0.002 px
c = 0.377 px
xc = 6.581 px
yc = 6.679 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 47880.8396
Standard deviation: 12.48854
R^2: 0.97874
Parameters:
a = 112.60919
b = 647.24437
c = 58.73384
d = 1.01065

Bead 3254

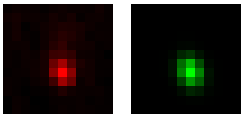
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

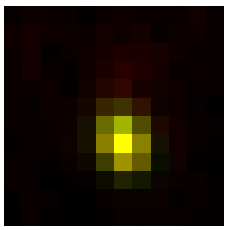
Coordinates : 140 um (x), 2.77 um (y), 58.3 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	433 nm	451 nm	270 nm
max	564 nm	588 nm	270 nm
z	2.05 um	2.06 um	1.3 um
Asymmetry	0.767		
Theta	-71.7°		

XY profile & fitting parameters :

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

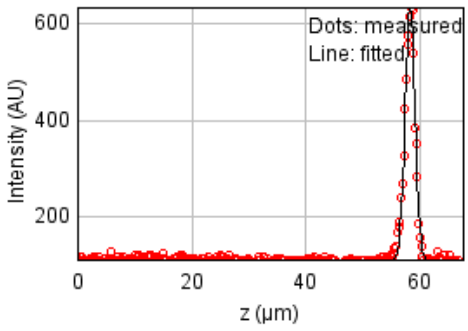




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.949

Parameters:
A = 490.414 (brightness)
B = 120.097 (background)
a = 0.687 px
b = -0.088 px
c = 0.450 px
xc = 5.997 px
yc = 6.892 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 27134.2373
Standard deviation: 9.40134
R^2: 0.98527
Parameters:
a = 111.21898
b = 631.66711
c = 58.31365
d = 0.87111

Bead 3255

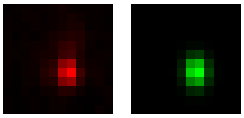
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

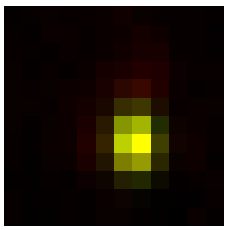
Coordinates : 120 um (x), 1.45 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	409 nm	426 nm	270 nm
max	563 nm	586 nm	270 nm
z	2.15 um	2.16 um	1.3 um
Asymmetry	0.727		
Theta	-89.2°		

XY profile & fitting parameters :

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

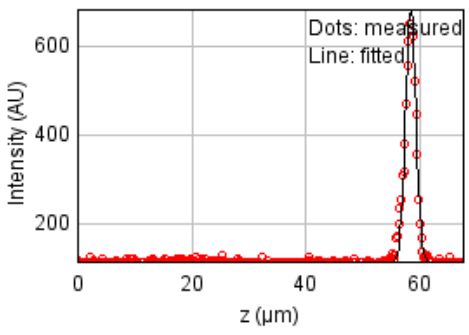




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.947

Parameters:
A = 631.864 (brightness)
B = 126.558 (background)
a = 0.801 px
b = -0.005 px
c = 0.424 px
xc = 6.624 px
yc = 6.903 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 34977.0706
Standard deviation: 10.67389
R^2: 0.98497
Parameters:
a = 112.69374
b = 684.49445
c = 58.44624
d = 0.91395

Bead 3256

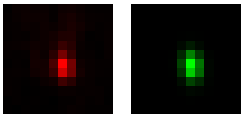
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

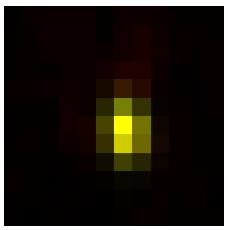
Coordinates : 143 um (x), 50.5 nm (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	354 nm	369 nm	270 nm
max	544 nm	566 nm	270 nm
z	1.84 um	1.84 um	1.3 um
Asymmetry	0.651		
Theta	-84.3°		

XY profile & fitting parameters :

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

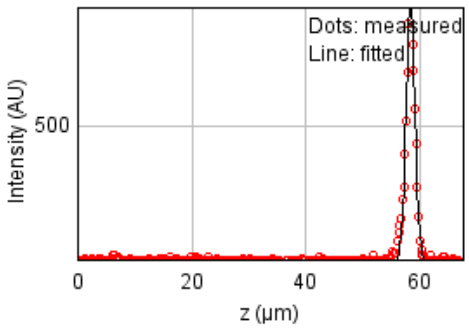




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.964

Parameters:
A = 804.325 (brightness)
B = 125.327 (background)
a = 1.064 px
b = -0.060 px
c = 0.460 px
xc = 6.142 px
yc = 6.270 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 38894.8418
Standard deviation: 11.25581
R^2: 0.98827
Parameters:
a = 112.40167
b = 849.95651
c = 58.39907
d = 0.77959

Bead 3257

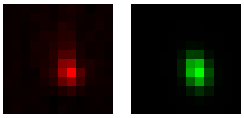
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

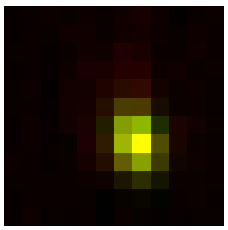
Coordinates : 161 um (x), -75.8 nm (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	411 nm	428 nm	270 nm
max	595 nm	620 nm	270 nm
z	1.92 um	1.93 um	1.3 um
Asymmetry	0.69		
Theta	-76.4°		

XY profile & fitting parameters :

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

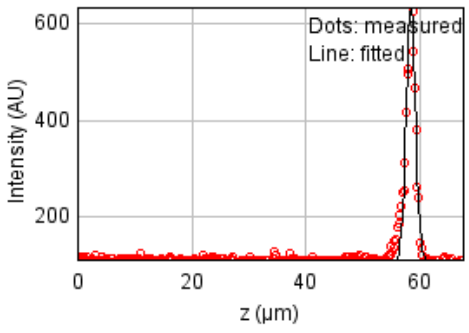




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.938

Parameters:
A = 500.319 (brightness)
B = 123.496 (background)
a = 0.773 px
b = -0.095 px
c = 0.402 px
xc = 6.700 px
yc = 6.844 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 46285.7229
Standard deviation: 12.27876
R^2: 0.97395
Parameters:
a = 111.38175
b = 635.92147
c = 58.45408
d = 0.81543

Bead 3258

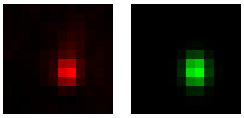
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

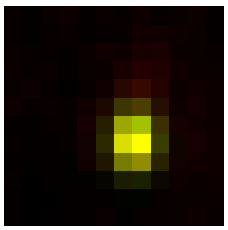
Coordinates : 77.4 um (x), -1.61 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	414 nm	431 nm	270 nm
max	557 nm	580 nm	270 nm
z	2.21 um	2.22 um	1.3 um
Asymmetry	0.743		
Theta	89.8°		

XY profile & fitting parameters :

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

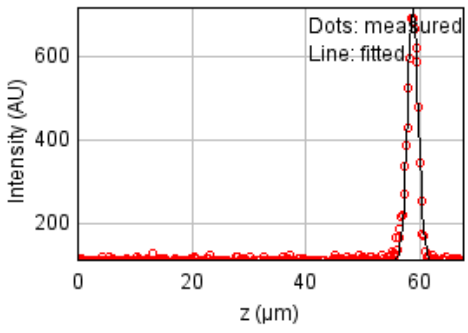




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 684.180 (brightness)
B = 133.894 (background)
a = 0.784 px
b = 0.001 px
c = 0.433 px
xc = 6.594 px
yc = 6.818 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 37966.9561
Standard deviation: 11.12074
R^2: 0.98583
Parameters:
a = 113.53735
b = 719.68137
c = 58.81793
d = 0.93835

Bead 3259 (Rejected)

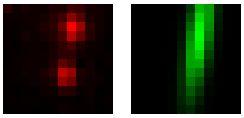
Date : Mon Oct 17 13:54:09 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

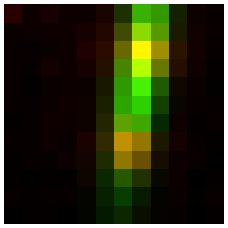
Coordinates : 79.2 um (x), -2.52 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	430 nm	448 nm	270 nm
max	2.19 um	2.28 um	270 nm
z	2.49 um	2.5 um	1.3 um
Asymmetry	0.197		
Theta	81.2°		

XY profile & fitting parameters :

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

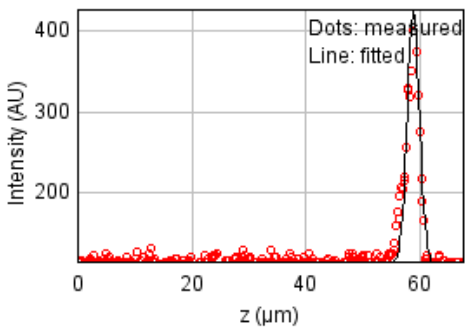




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.674

Parameters:
A = 338.755 (brightness)
B = 126.197 (background)
a = 0.710 px
b = 0.105 px
c = 0.044 px
xc = 6.969 px
yc = 2.957 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 3260

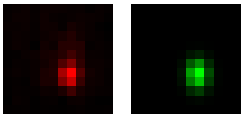
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

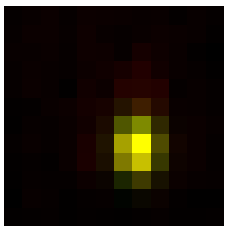
Coordinates : 142 um (x), -5.43 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	398 nm	415 nm	270 nm
max	544 nm	567 nm	270 nm
z	2.05 um	2.06 um	1.3 um
Asymmetry	0.732		
Theta	89.6°		

XY profile & fitting parameters :

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

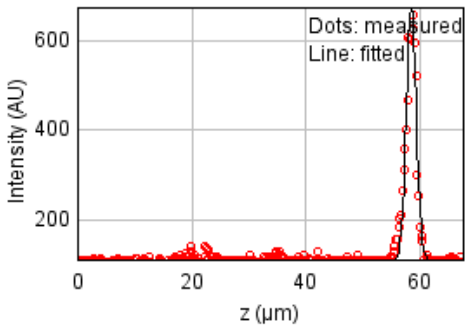




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.954

Parameters:
A = 610.000 (brightness)
B = 124.012 (background)
a = 0.847 px
b = 0.003 px
c = 0.453 px
xc = 6.773 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: 57677.1620
Standard deviation: 13.70670
R^2: 0.97317
Parameters:
a = 113.06055
b = 671.47568
c = 58.53896
d = 0.87267

Bead 3261

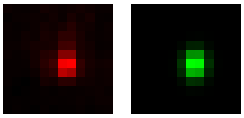
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

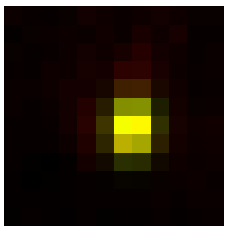
Coordinates : 89.0 um (x), -6.73 um (y), 59.0 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	406 nm	423 nm	270 nm
max	531 nm	553 nm	270 nm
z	2.23 um	2.24 um	1.3 um
Asymmetry	0.764		
Theta	86.9°		

XY profile & fitting parameters :

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

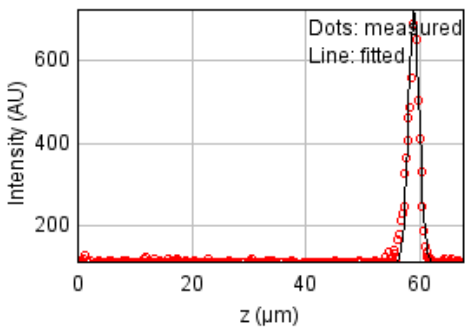




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 749.488 (brightness)
B = 131.293 (background)
a = 0.812 px
b = 0.018 px
c = 0.476 px
xc = 6.484 px
yc = 6.092 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 65004.4479
Standard deviation: 14.55132
R^2: 0.97633
Parameters:
a = 113.31910
b = 721.87196
c = 58.99695
d = 0.94563

Bead 3262

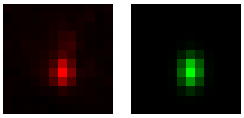
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

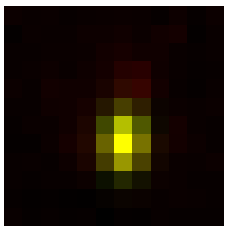
Coordinates : 115 um (x), -7.78 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	407 nm	270 nm
max	571 nm	595 nm	270 nm
z	2.07 um	2.07 um	1.3 um
Asymmetry	0.684		
Theta	88.3°		

XY profile & fitting parameters :

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

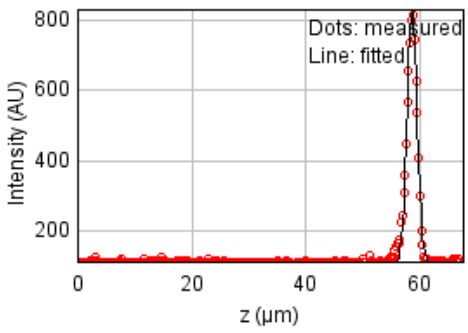




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.947

Parameters:
A = 714.455 (brightness)
B = 127.205 (background)
a = 0.879 px
b = 0.014 px
c = 0.412 px
xc = 6.044 px
yc = 6.855 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 31829.2647
Standard deviation: 10.18226
R^2: 0.99098
Parameters:
a = 111.33945
b = 831.57360
c = 58.68169
d = 0.87732

Bead 3263

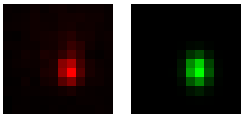
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

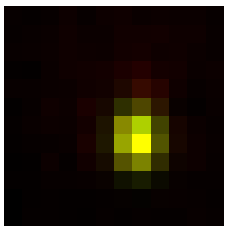
Coordinates : 92.6 um (x), -10.2 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	417 nm	434 nm	270 nm
max	553 nm	576 nm	270 nm
z	2.2 um	2.21 um	1.3 um
Asymmetry	0.754		
Theta	-88.2°		

XY profile & fitting parameters :

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

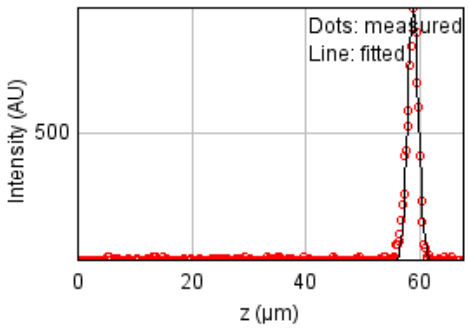




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 739.220 (brightness)
B = 128.795 (background)
a = 0.771 px
b = -0.010 px
c = 0.439 px
xc = 6.779 px
yc = 6.730 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 75354.4973
Standard deviation: 15.66698
R^2: 0.98247
Parameters:
a = 113.21693
b = 881.53978
c = 58.85490
d = 0.93353

Bead 3264 (Rejected)

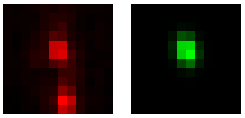
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

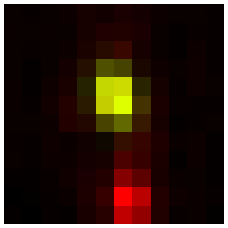
Coordinates : 132 um (x), -12.3 um (y), 58.7 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	377 nm	393 nm	270 nm
max	520 nm	542 nm	270 nm
z	2.11 um	2.12 um	1.3 um
Asymmetry	0.725		
Theta	-76.5°		

XY profile & fitting parameters :

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

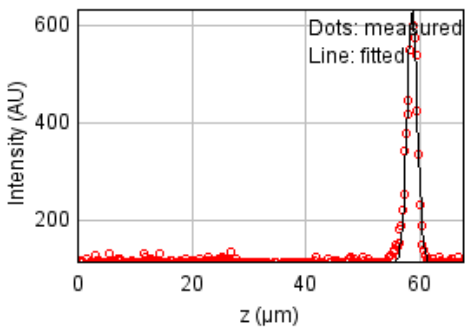




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.458

Parameters:
A = 575.418 (brightness)
B = 151.571 (background)
a = 0.920 px
b = -0.102 px
c = 0.521 px
xc = 5.572 px
yc = 4.562 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 37447.9867
Standard deviation: 11.04447
R^2: 0.98035
Parameters:
a = 113.03529
b = 634.45957
c = 58.69966
d = 0.89465

Bead 3265

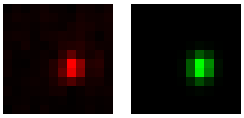
Date : Mon Oct 17 13:54:10 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

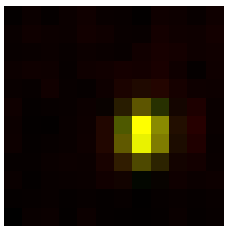
Coordinates : -114 um (x), -30.6 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	400 nm	417 nm	270 nm
max	484 nm	504 nm	270 nm
z	1.92 um	1.92 um	1.3 um
Asymmetry	0.826		
Theta	84.1°		

XY profile & fitting parameters :

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

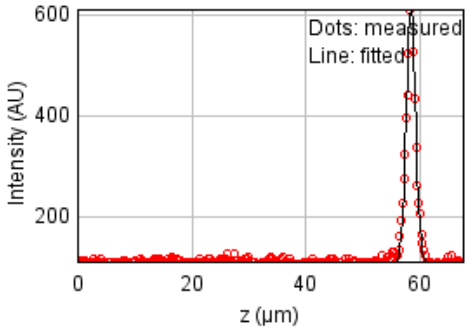




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.958

Parameters:
A = 571.637 (brightness)
B = 123.729 (background)
a = 0.835 px
b = 0.027 px
c = 0.575 px
xc = 7.116 px
yc = 6.449 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25027.2581
Standard deviation: 9.02895
R^2: 0.98435
Parameters:
a = 111.76440
b = 612.57105
c = 58.46946
d = 0.81379

Bead 3266

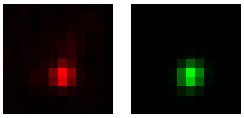
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

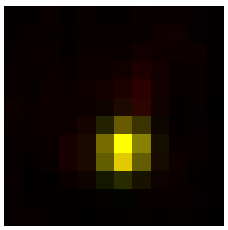
Coordinates : 68.9 um (x), -73.9 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	410 nm	427 nm	270 nm
max	463 nm	482 nm	270 nm
z	2.01 um	2.02 um	1.3 um
Asymmetry	0.886		
Theta	71.1°		

XY profile & fitting parameters :

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

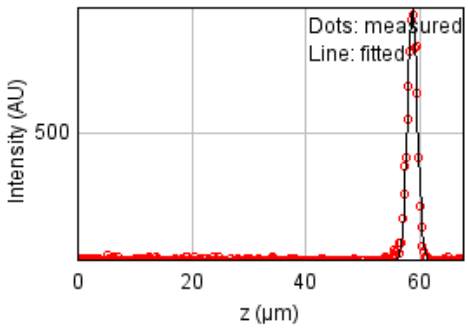




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.958

Parameters:
A = 816.253 (brightness)
B = 128.224 (background)
a = 0.779 px
b = 0.053 px
c = 0.644 px
xc = 6.039 px
yc = 7.312 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 49287.8908
Standard deviation: 12.67071
R^2: 0.98759
Parameters:
a = 113.23621
b = 886.18246
c = 58.74498
d = 0.85267

Bead 3267

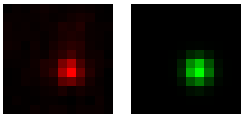
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

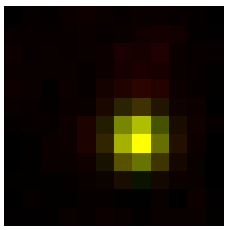
Coordinates : 116 um (x), -84.3 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	473 nm	493 nm	270 nm
max	501 nm	522 nm	270 nm
z	2.04 um	2.05 um	1.3 um
Asymmetry	0.944		
Theta	-86.9°		

XY profile & fitting parameters :

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

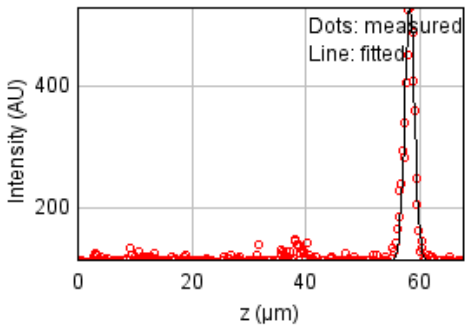




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.948

Parameters:
A = 434.613 (brightness)
B = 121.179 (background)
a = 0.599 px
b = -0.004 px
c = 0.535 px
xc = 6.801 px
yc = 6.771 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 40264.1749
Standard deviation: 11.45223
R^2: 0.96625
Parameters:
a = 114.26690
b = 530.49425
c = 58.24082
d = 0.86513

Bead 3268 (Rejected)

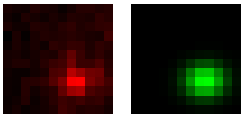
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

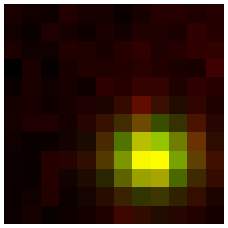
Coordinates : -144 um (x), -90.7 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	622 nm	648 nm	270 nm
max	750 nm	781 nm	270 nm
z	6.34 um	6.37 um	1.3 um
Asymmetry	0.83		
Theta	1.3°		

XY profile & fitting parameters :

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

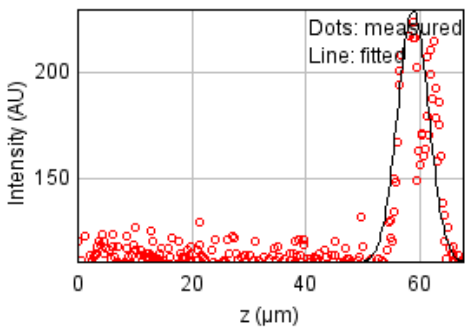




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.885

Parameters:
A = 139.408 (brightness)
B = 119.069 (background)
a = 0.239 px
b = 0.002 px
c = 0.346 px
xc = 7.552 px
yc = 7.875 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 3269

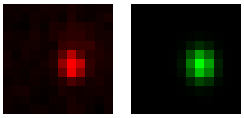
Date : Mon Oct 17 13:54:11 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

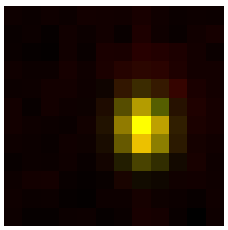
Coordinates : -123 um (x), 95.8 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	473 nm	492 nm	270 nm
max	589 nm	613 nm	270 nm
z	1.98 um	1.99 um	1.3 um
Asymmetry	0.803		
Theta	-84.7°		

XY profile & fitting parameters :

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

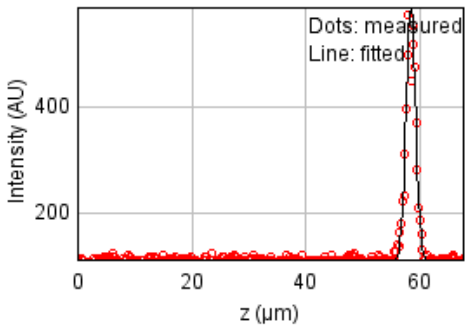




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 362.181 (brightness)
B = 118.839 (background)
a = 0.598 px
b = -0.020 px
c = 0.389 px
xc = 7.116 px
yc = 6.146 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 49069.4585
Standard deviation: 12.64260
R^2: 0.96738
Parameters:
a = 112.37751
b = 586.29495
c = 58.45164
d = 0.84129

Bead 3270 (Rejected)

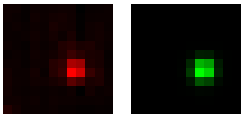
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

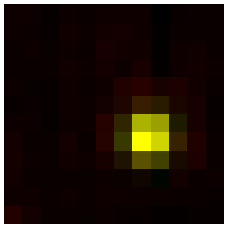
Coordinates : -106 um (x), 95.0 um (y), 58.6 um (z)
Corresponding bead : Not found
Reason of rejection : R or C parameter off limits.

FWHM	Non corrected	Corrected	Theoretical
min	397 nm	413 nm	270 nm
max	427 nm	445 nm	270 nm
z	1.68 um	1.68 um	1.3 um
Asymmetry	0.929		
Theta	75.7°		

XY profile & fitting parameters :

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

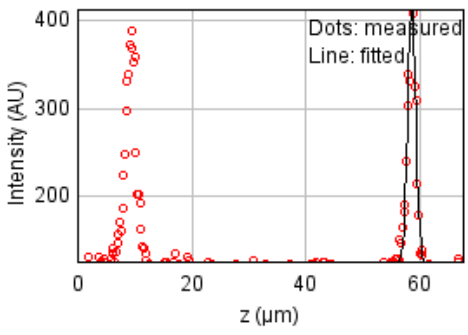




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 591.340 (brightness)
B = 125.432 (background)
a = 0.844 px
b = 0.028 px
c = 0.742 px
xc = 7.402 px
yc = 6.722 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 534354.203
Standard deviation: 41.72011
R^2: 0.46428
Parameters:
a = 125.25419
b = 414.88475
c = 58.62280
d = 0.71173

Bead 3271

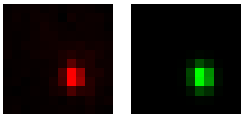
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

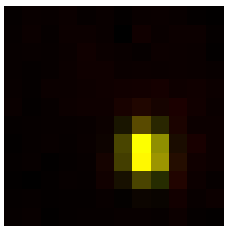
Coordinates : -74.1 um (x), 84.0 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	375 nm	390 nm	270 nm
max	461 nm	480 nm	270 nm
z	1.78 um	1.78 um	1.3 um
Asymmetry	0.813		
Theta	-83.6°		

XY profile & fitting parameters :

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

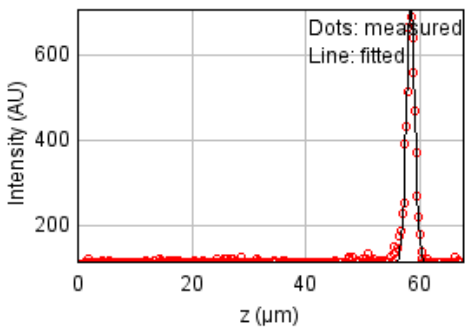




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 696.005 (brightness)
B = 121.361 (background)
a = 0.951 px
b = -0.036 px
c = 0.636 px
xc = 7.212 px
yc = 7.488 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 31288.8171
Standard deviation: 10.09544
R^2: 0.98516
Parameters:
a = 114.01207
b = 710.37880
c = 58.41288
d = 0.75473

Bead 3272

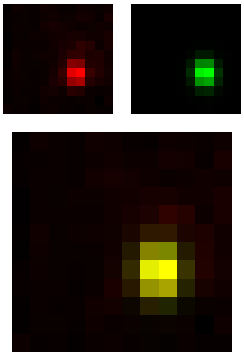
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : -120 um (x), 82.8 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	399 nm	415 nm	270 nm
max	498 nm	519 nm	270 nm
z	2.17 um	2.18 um	1.3 um
Asymmetry	0.801		
Theta	-86.4°		

XY profile & fitting parameters :

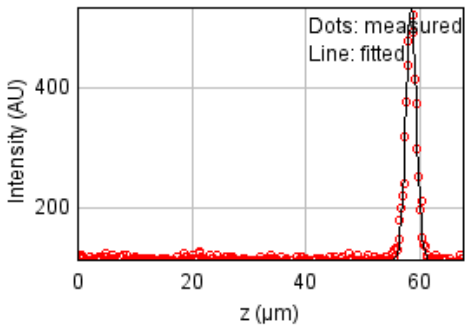
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 550.602 (brightness)
B = 122.410 (background)
a = 0.843 px
b = -0.019 px
c = 0.542 px
xc = 7.543 px
yc = 7.072 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 17554.6825
Standard deviation: 7.56184
R^2: 0.98624
Parameters:
a = 111.97346
b = 533.91630
c = 58.50351
d = 0.92172

Bead 3273

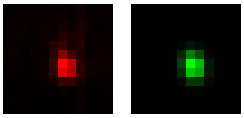
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

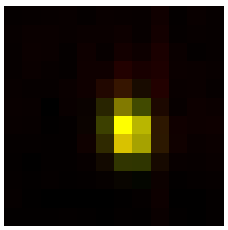
Coordinates : -88.4 um (x), 81.2 um (y), 58.2 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	407 nm	270 nm
max	523 nm	545 nm	270 nm
z	2.0 um	2.01 um	1.3 um
Asymmetry	0.746		
Theta	-77.8°		

XY profile & fitting parameters :

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

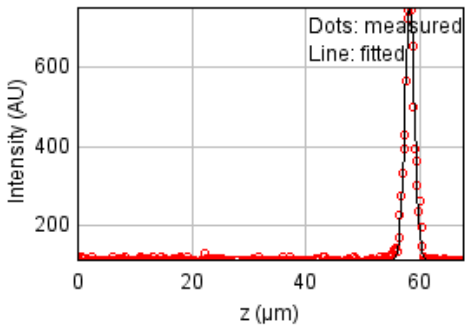




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.962

Parameters:
A = 789.763 (brightness)
B = 124.805 (background)
a = 0.862 px
b = -0.081 px
c = 0.507 px
xc = 6.329 px
yc = 6.281 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 51268.4945
Standard deviation: 12.92278
R^2: 0.98110
Parameters:
a = 113.98558
b = 751.55331
c = 58.24871
d = 0.85038

Bead 3274

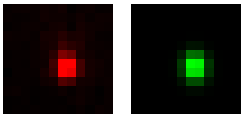
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

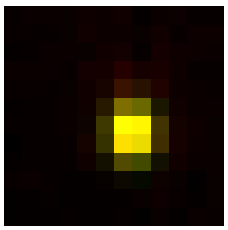
Coordinates : -91.2 um (x), 75.9 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	420 nm	437 nm	270 nm
max	525 nm	547 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.799		
Theta	-88.7°		

XY profile & fitting parameters :

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

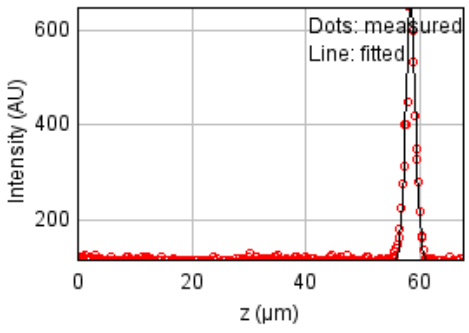




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 768.724 (brightness)
B = 121.876 (background)
a = 0.762 px
b = -0.006 px
c = 0.486 px
xc = 6.480 px
yc = 6.371 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 47430.2907
Standard deviation: 12.42964
R^2: 0.97592
Parameters:
a = 113.41372
b = 652.92013
c = 58.41216
d = 0.85807

Bead 3275

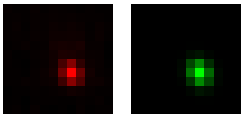
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

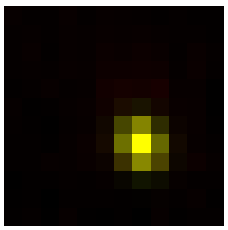
Coordinates : -60.5 um (x), 74.2 um (y), 58.5 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	386 nm	402 nm	270 nm
max	469 nm	489 nm	270 nm
z	1.72 um	1.73 um	1.3 um
Asymmetry	0.822		
Theta	-68.9°		

XY profile & fitting parameters :

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

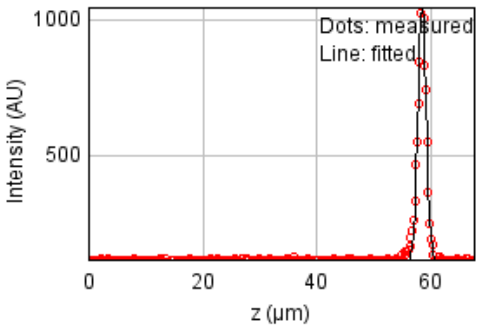




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.981

Parameters:
A = 977.390 (brightness)
B = 124.039 (background)
a = 0.863 px
b = -0.098 px
c = 0.647 px
xc = 6.980 px
yc = 7.008 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 46649.2758
Standard deviation: 12.32688
R^2: 0.99054
Parameters:
a = 114.32577
b = 1042.72744
c = 58.49537
d = 0.73130

Bead 3276

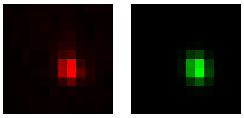
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

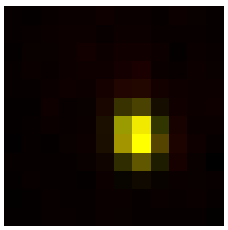
Coordinates : -71.8 um (x), 68.4 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	378 nm	393 nm	270 nm
max	484 nm	504 nm	270 nm
z	1.79 um	1.79 um	1.3 um
Asymmetry	0.78		
Theta	-79.5°		

XY profile & fitting parameters :

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

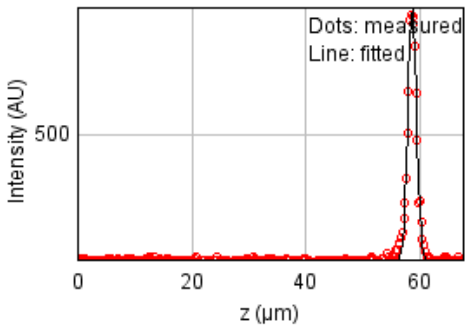




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.978

Parameters:
A = 878.400 (brightness)
B = 124.269 (background)
a = 0.929 px
b = -0.066 px
c = 0.585 px
xc = 6.757 px
yc = 6.554 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39498.0524
Standard deviation: 11.34276
R^2: 0.98894
Parameters:
a = 113.91457
b = 889.62290
c = 58.70645
d = 0.75890

Bead 3277 (Rejected)

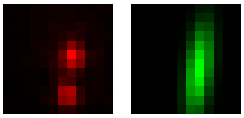
Date : Mon Oct 17 13:54:12 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

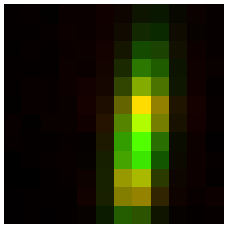
Coordinates : -111 um (x), 60.9 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	447 nm	465 nm	270 nm
max	1.63 um	1.7 um	270 nm
z	2.08 um	2.09 um	1.3 um
Asymmetry	0.273		
Theta	83.2°		

XY profile & fitting parameters :

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

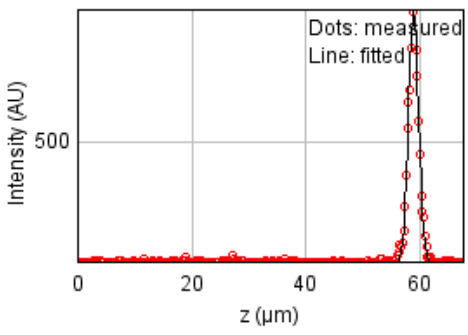




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.728

Parameters:
A = 501.075 (brightness)
B = 132.157 (background)
a = 0.664 px
b = 0.073 px
c = 0.059 px
xc = 6.894 px
yc = 6.754 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 34029.8400
Standard deviation: 10.52836
R^2: 0.99246
Parameters:
a = 112.99510
b = 925.67636
c = 58.93090
d = 0.88272

Bead 3278

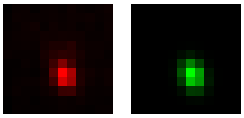
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

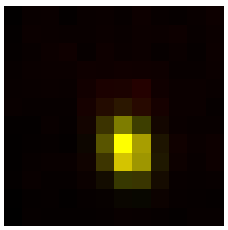
Coordinates : -56.0 um (x), 56.1 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	403 nm	420 nm	270 nm
max	541 nm	564 nm	270 nm
z	1.9 um	1.91 um	1.3 um
Asymmetry	0.745		
Theta	-72.3°		

XY profile & fitting parameters :

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

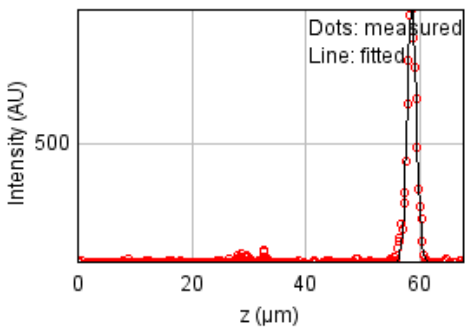




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 912.673 (brightness)
B = 126.052 (background)
a = 0.791 px
b = -0.106 px
c = 0.492 px
xc = 6.235 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: 45520.9122
Standard deviation: 12.17689
R^2: 0.98942
Parameters:
a = 115.56461
b = 942.28678
c = 58.62563
d = 0.80738

Bead 3279 (Rejected)

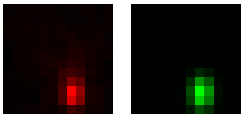
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

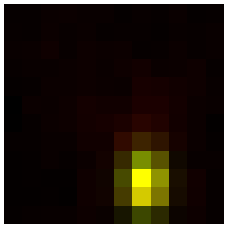
Coordinates : 66.7 um (x), 54.0 um (y), 55.0 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	387 nm	403 nm	270 nm
max	572 nm	596 nm	270 nm
z	3.38 um	3.39 um	1.3 um
Asymmetry	0.677		
Theta	89.9°		

XY profile & fitting parameters :

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



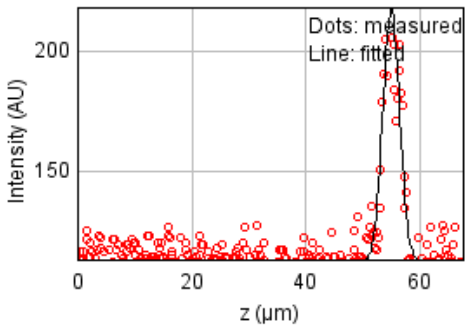


Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.957

Parameters:
A = 546.948 (brightness)
B = 123.496 (background)
a = 0.895 px
b = 0.001 px
c = 0.410 px

xc = 7.192 px
yc = 9.217 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2))
Sum of residuals squared: 18943.4741
Standard deviation: 7.85526
R^2: 0.86071
Parameters:
a = 113.24856
b = 217.88999
c = 55.03013
d = 1.43462

Bead 3280

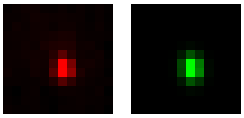
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

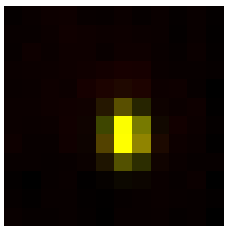
Coordinates : -50.8 um (x), 52.4 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	364 nm	380 nm	270 nm
max	483 nm	503 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.754		
Theta	-85.3°		

XY profile & fitting parameters :

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

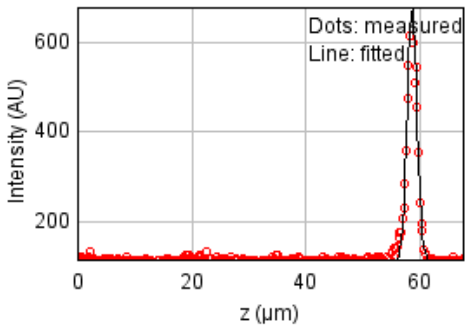




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.976

Parameters:
A = 719.443 (brightness)
B = 125.208 (background)
a = 1.007 px
b = -0.036 px
c = 0.578 px
xc = 6.155 px
yc = 6.516 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 35778.5052
Standard deviation: 10.79548
R^2: 0.98322
Parameters:
a = 113.84611
b = 677.07542
c = 58.67845
d = 0.85868

Bead 3281

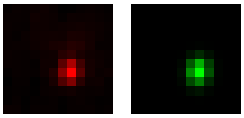
Date : Mon Oct 17 13:54:13 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

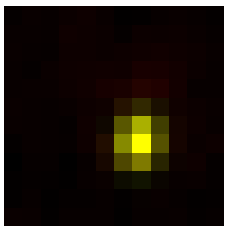
Coordinates : -17.2 um (x), 41.7 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	391 nm	407 nm	270 nm
max	493 nm	514 nm	270 nm
z	1.91 um	1.91 um	1.3 um
Asymmetry	0.792		
Theta	82.9°		

XY profile & fitting parameters :

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

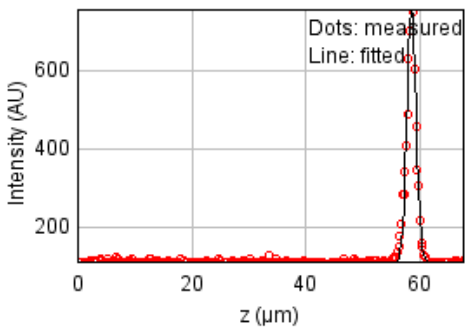




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.966

Parameters:
A = 646.645 (brightness)
B = 124.778 (background)
a = 0.874 px
b = 0.040 px
c = 0.557 px
xc = 6.861 px
yc = 6.846 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 35792.9943
Standard deviation: 10.79766
R^2: 0.98620
Parameters:
a = 113.64740
b = 753.55333
c = 58.57680
d = 0.80985

Bead 3282

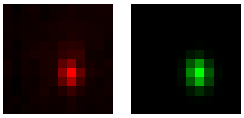
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

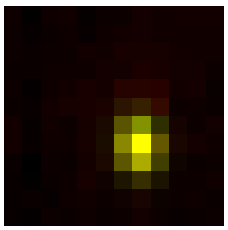
Coordinates : 54.5 um (x), 36.4 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	396 nm	412 nm	270 nm
max	534 nm	556 nm	270 nm
z	1.97 um	1.98 um	1.3 um
Asymmetry	0.741		
Theta	-84.8°		

XY profile & fitting parameters :

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

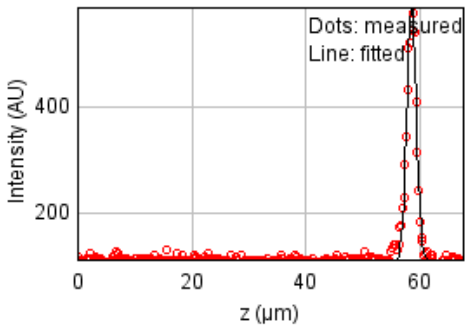




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.952

Parameters:
A = 466.043 (brightness)
B = 122.993 (background)
a = 0.854 px
b = -0.035 px
c = 0.474 px
xc = 6.871 px
yc = 7.077 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28384.0026
Standard deviation: 9.61541
R^2: 0.98075
Parameters:
a = 113.40217
b = 586.93557
c = 58.59150
d = 0.83704

Bead 3283

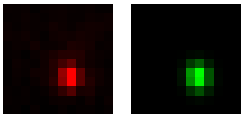
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

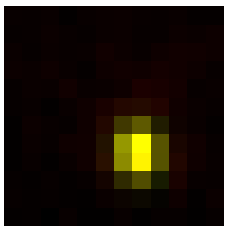
Coordinates : 27.2 um (x), 35.0 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	405 nm	422 nm	270 nm
max	494 nm	515 nm	270 nm
z	2.0 um	2.01 um	1.3 um
Asymmetry	0.819		
Theta	-85.4°		

XY profile & fitting parameters :

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

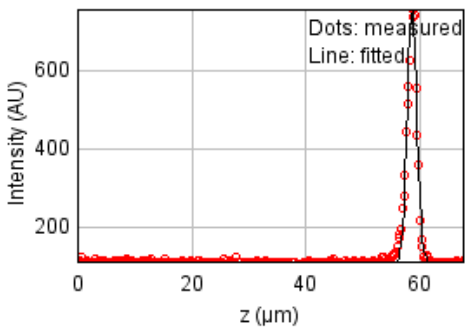




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.968

Parameters:
A = 731.674 (brightness)
B = 126.986 (background)
a = 0.817 px
b = -0.022 px
c = 0.551 px
xc = 6.828 px
yc = 7.448 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 46275.8741
Standard deviation: 12.27745
R^2: 0.98322
Parameters:
a = 112.85822
b = 756.28146
c = 58.66866
d = 0.85100

Bead 3284 (Rejected)

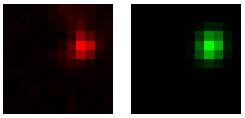
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

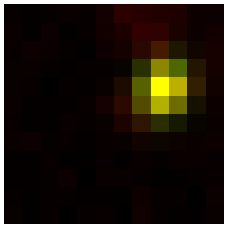
Coordinates : 17.9 um (x), 32.6 um (y), 2.5 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	441 nm	460 nm	270 nm
max	526 nm	548 nm	270 nm
z	3.07 um	3.09 um	1.3 um
Asymmetry	0.839		
Theta	73.3°		

XY profile & fitting parameters :

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

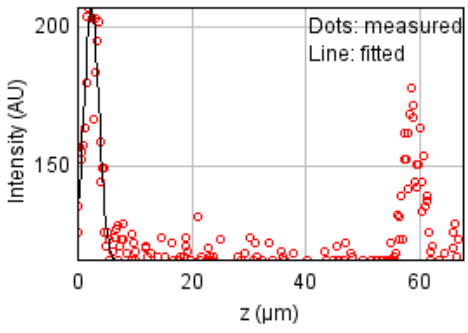




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.921

Parameters:
A = 397.550 (brightness)
B = 118.344 (background)
a = 0.673 px
b = 0.056 px
c = 0.502 px
xc = 8.208 px
yc = 4.109 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 46847.0072
Standard deviation: 12.35298
R^2: 0.63051
Parameters:
a = 116.46517
b = 206.74382
c = 2.50402
d = 1.30559

Bead 3285

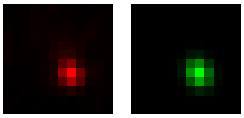
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

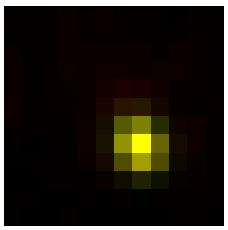
Coordinates : -61.6 um (x), 25.4 um (y), 59.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	414 nm	431 nm	270 nm
max	503 nm	524 nm	270 nm
z	1.81 um	1.82 um	1.3 um
Asymmetry	0.823		
Theta	-67.1°		

XY profile & fitting parameters :

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

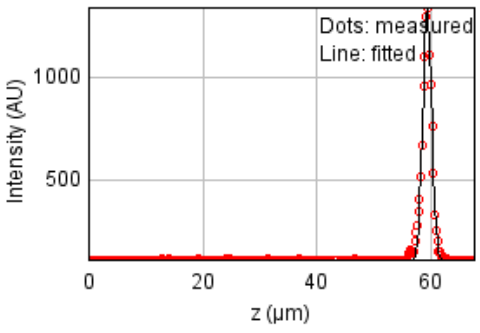




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.973

Parameters:
A = 1200.237 (brightness)
B = 137.440 (background)
a = 0.746 px
b = -0.091 px
c = 0.569 px
xc = 6.884 px
yc = 7.069 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 67048.8975
Standard deviation: 14.77837
R^2: 0.99255
Parameters:
a = 114.76700
b = 1339.68855
c = 59.40266
d = 0.77009

Bead 3286

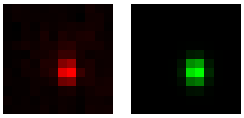
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

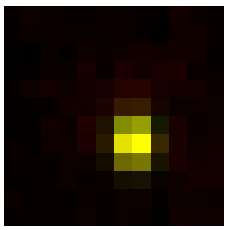
Coordinates : 36.9 um (x), 25.2 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	367 nm	382 nm	270 nm
max	466 nm	485 nm	270 nm
z	2.01 um	2.02 um	1.3 um
Asymmetry	0.788		
Theta	-89.4°		

XY profile & fitting parameters :

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

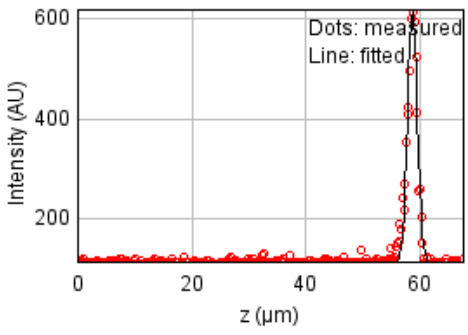




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.956

Parameters:
A = 578.114 (brightness)
B = 130.371 (background)
a = 0.996 px
b = -0.004 px
c = 0.619 px
xc = 6.564 px
yc = 6.886 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 45887.1309
Standard deviation: 12.22577
R^2: 0.97327
Parameters:
a = 113.74398
b = 617.94439
c = 58.74473
d = 0.85380

Bead 3287 (Rejected)

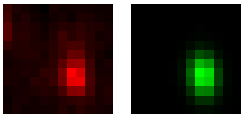
Date : Mon Oct 17 13:54:14 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

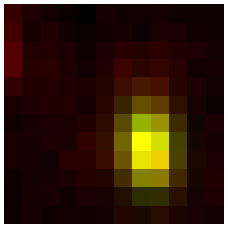
Coordinates : 38.8 um (x), 23.8 um (y), 57.6 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	497 nm	518 nm	270 nm
max	761 nm	792 nm	270 nm
z	2.42 um	2.43 um	1.3 um
Asymmetry	0.654		
Theta	-85.2°		

XY profile & fitting parameters :

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

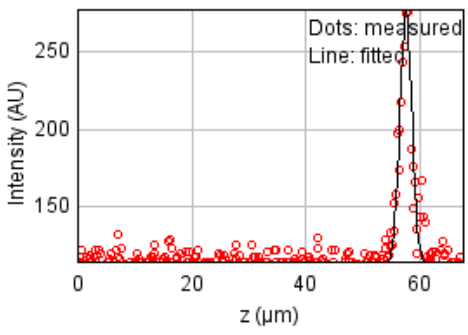




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.917

Parameters:
A = 310.844 (brightness)
B = 135.075 (background)
a = 0.540 px
b = -0.026 px
c = 0.234 px
xc = 7.379 px
yc = 7.299 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 27417.5053
Standard deviation: 9.45028
R^2: 0.88444
Parameters:
a = 113.97812
b = 277.75689
c = 57.59157
d = 1.02609

Bead 3288

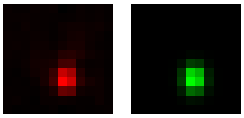
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

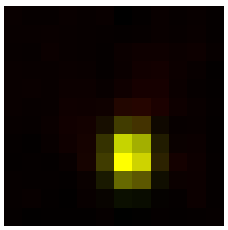
Coordinates : 40.8 um (x), 21.7 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	405 nm	422 nm	270 nm
max	500 nm	520 nm	270 nm
z	2.02 um	2.03 um	1.3 um
Asymmetry	0.811		
Theta	89.7°		

XY profile & fitting parameters :

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

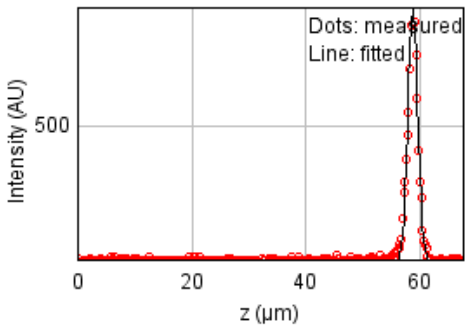




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.975

Parameters:
A = 1115.287 (brightness)
B = 133.477 (background)
a = 0.818 px
b = 0.001 px
c = 0.538 px
xc = 6.383 px
yc = 7.674 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 42105.0438
Standard deviation: 11.71110
R^2: 0.98830
Parameters:
a = 113.52341
b = 847.32415
c = 58.82195
d = 0.85827

Bead 3289

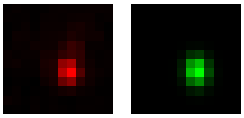
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

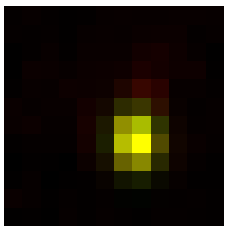
Coordinates : 58.9 um (x), 19.7 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	416 nm	434 nm	270 nm
max	536 nm	559 nm	270 nm
z	2.05 um	2.06 um	1.3 um
Asymmetry	0.776		
Theta	-87.1°		

XY profile & fitting parameters :

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

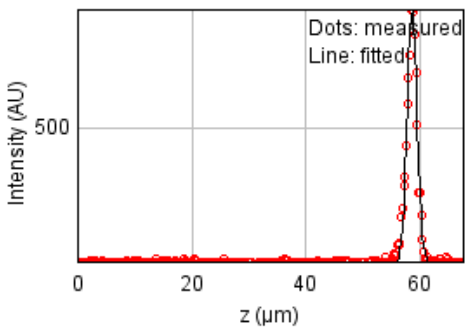




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.957

Parameters:
A = 770.499 (brightness)
B = 129.240 (background)
a = 0.773 px
b = -0.016 px
c = 0.467 px
xc = 6.692 px
yc = 6.819 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 45069.4141
Standard deviation: 12.11635
R^2: 0.98745
Parameters:
a = 112.40953
b = 839.84260
c = 58.67952
d = 0.87170

Bead 3290

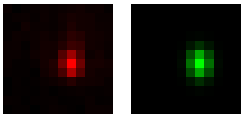
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

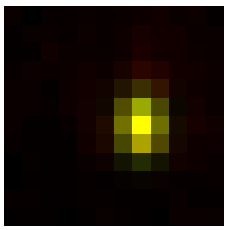
Coordinates : 81.6 um (x), 17.3 um (y), 58.6 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	404 nm	421 nm	270 nm
max	556 nm	579 nm	270 nm
z	2.06 um	2.07 um	1.3 um
Asymmetry	0.727		
Theta	-88.8°		

XY profile & fitting parameters :

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

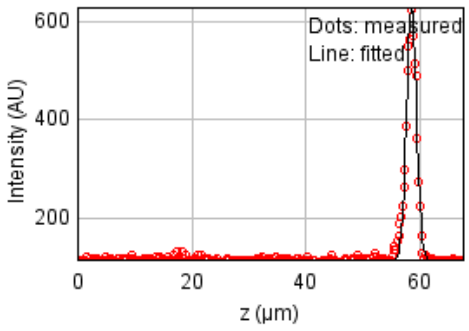




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.958

Parameters:
A = 492.607 (brightness)
B = 122.762 (background)
a = 0.821 px
b = -0.008 px
c = 0.435 px
xc = 6.994 px
yc = 5.974 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 25710.4001
Standard deviation: 9.15135
R^2: 0.98587
Parameters:
a = 112.90202
b = 629.55877
c = 58.57651
d = 0.87438

Bead 3291 (Rejected)

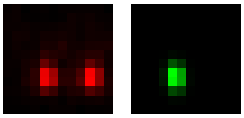
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

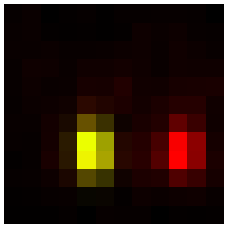
Coordinates : -2.34 um (x), 16.9 um (y), 58.9 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	313 nm	326 nm	270 nm
max	475 nm	495 nm	270 nm
z	2.1 um	2.11 um	1.3 um
Asymmetry	0.659		
Theta	-87.6°		

XY profile & fitting parameters :

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

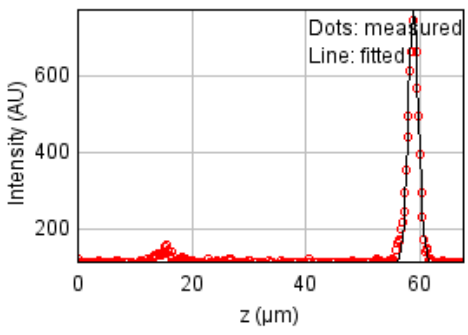




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.449

Parameters:
A = 844.182 (brightness)
B = 171.076 (background)
a = 1.368 px
b = -0.032 px
c = 0.596 px
xc = 4.342 px
yc = 7.478 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 53394.6628
Standard deviation: 13.18802
R^2: 0.98235
Parameters:
a = 115.74677
b = 774.03938
c = 58.90844
d = 0.89301

Bead 3292

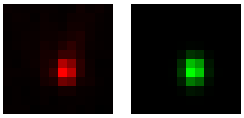
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

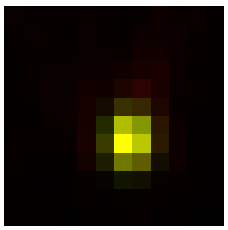
Coordinates : 50.2 um (x), 16.4 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	393 nm	410 nm	270 nm
max	504 nm	525 nm	270 nm
z	2.24 um	2.25 um	1.3 um
Asymmetry	0.781		
Theta	88.3°		

XY profile & fitting parameters :

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

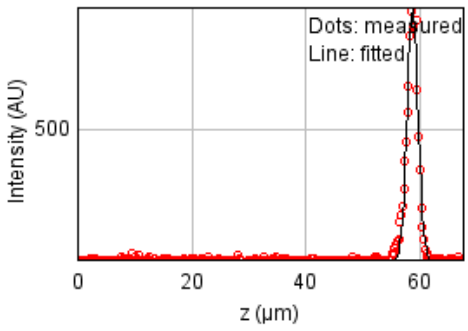




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.961

Parameters:
A = 1007.207 (brightness)
B = 130.658 (background)
a = 0.867 px
b = 0.010 px
c = 0.529 px
xc = 6.360 px
yc = 6.778 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 63351.8046
Standard deviation: 14.36515
R^2: 0.98448
Parameters:
a = 113.71600
b = 856.52494
c = 58.76886
d = 0.95145

Bead 3293

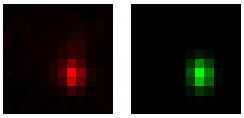
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

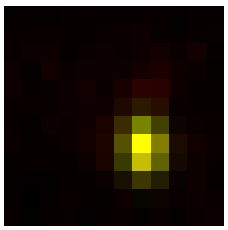
Coordinates : 67.8 um (x), 12.4 um (y), 58.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	381 nm	397 nm	270 nm
max	531 nm	553 nm	270 nm
z	2.13 um	2.14 um	1.3 um
Asymmetry	0.718		
Theta	-87.7°		

XY profile & fitting parameters :

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

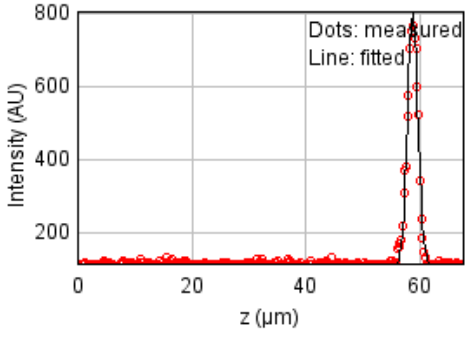




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.958

Parameters:
A = 712.965 (brightness)
B = 128.551 (background)
a = 0.923 px
b = -0.018 px
c = 0.477 px
xc = 7.122 px
yc = 7.197 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 39140.8967
Standard deviation: 11.29136
R^2: 0.98841
Parameters:
a = 113.00678
b = 806.51328
c = 58.79360
d = 0.90448

Bead 3294 (Rejected)

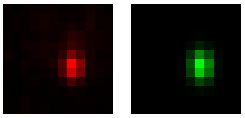
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

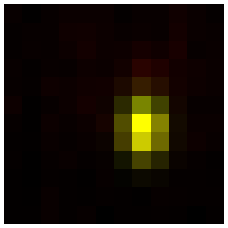
Coordinates : 21.2 um (x), 11.1 um (y), 58.7 um (z)
Corresponding bead : Not found
Reason of rejection : The fitted bead is likely to be a different bead from the center bead.

FWHM	Non corrected	Corrected	Theoretical
min	379 nm	395 nm	270 nm
max	552 nm	575 nm	270 nm
z	3.88 um	3.89 um	1.3 um
Asymmetry	0.686		
Theta	-89.1°		

XY profile & fitting parameters :

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

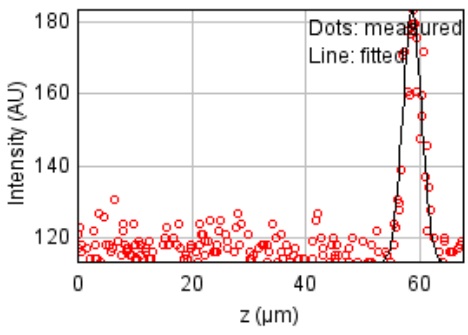




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.965

Parameters:
A = 696.876 (brightness)
B = 127.030 (background)
a = 0.935 px
b = -0.008 px
c = 0.440 px
xc = 7.140 px
yc = 6.244 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 16729.8306
Standard deviation: 7.38204
R^2: 0.78311
Parameters:
a = 113.00887
b = 183.59597
c = 58.68405
d = 1.64658

Bead 3295

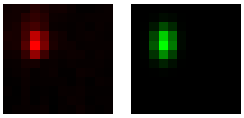
Date : Mon Oct 17 13:54:15 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

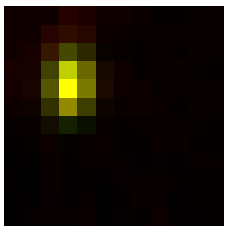
Coordinates : 68.0 um (x), 9.63 um (y), 42.8 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	384 nm	400 nm	270 nm
max	572 nm	596 nm	270 nm
z	1.98 um	1.99 um	1.3 um
Asymmetry	0.672		
Theta	86.8°		

XY profile & fitting parameters :

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

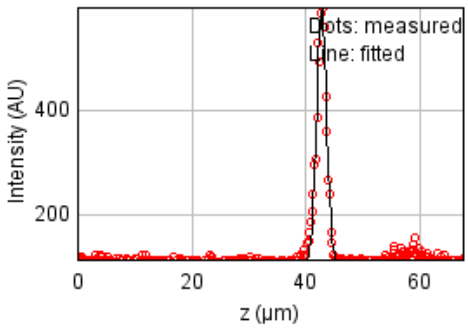




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.949

Parameters:
A = 485.002 (brightness)
B = 117.559 (background)
a = 0.907 px
b = 0.028 px
c = 0.412 px
xc = 3.103 px
yc = 3.745 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 38108.5396
Standard deviation: 11.14146
R^2: 0.97526
Parameters:
a = 114.99425
b = 596.40503
c = 42.82803
d = 0.84170

Bead 3296

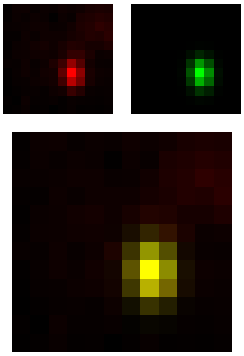
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

Coordinates : 68.7 um (x), 8.67 um (y), 58.7 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	394 nm	410 nm	270 nm
max	546 nm	569 nm	270 nm
z	2.67 um	2.68 um	1.3 um
Asymmetry	0.72		
Theta	-86.6°		

XY profile & fitting parameters :

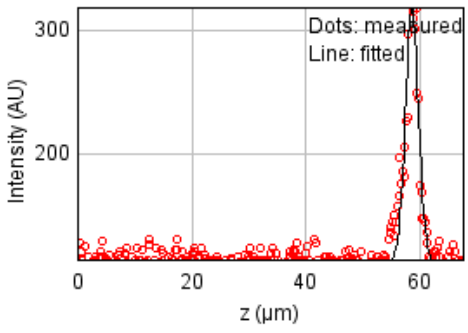
(red : the orignal data, green : the fit, yellow : the two merged)



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

Parameters:
A = 621.456 (brightness)
B = 134.349 (background)
a = 0.865 px
b = -0.025 px
c = 0.451 px
xc = 7.154 px
yc = 7.101 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 28575.4133
Standard deviation: 9.64777
R^2: 0.92701
Parameters:
a = 113.81395
b = 319.36439
c = 58.65605
d = 1.13335

Bead 3297

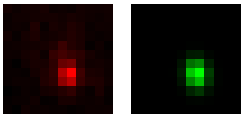
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

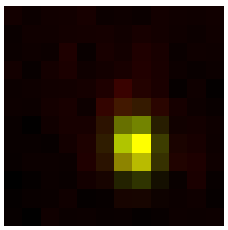
Coordinates : 152 um (x), 8.44 um (y), 58.4 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	399 nm	416 nm	270 nm
max	530 nm	552 nm	270 nm
z	1.85 um	1.86 um	1.3 um
Asymmetry	0.754		
Theta	-83.3°		

XY profile & fitting parameters :

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

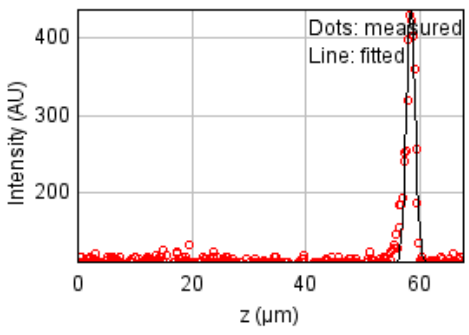




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.923

Parameters:
A = 320.544 (brightness)
B = 116.881 (background)
a = 0.836 px
b = -0.042 px
c = 0.483 px
xc = 6.660 px
yc = 7.147 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 34289.2601
Standard deviation: 10.56842
R^2: 0.94954
Parameters:
a = 111.05904
b = 436.97093
c = 58.44820
d = 0.78630

Bead 3298

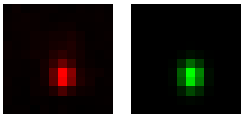
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

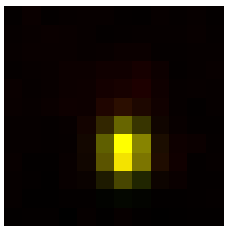
Coordinates : -10.8 um (x), 7.95 um (y), 59.1 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	403 nm	420 nm	270 nm
max	505 nm	526 nm	270 nm
z	1.93 um	1.94 um	1.3 um
Asymmetry	0.799		
Theta	-89.5°		

XY profile & fitting parameters :

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

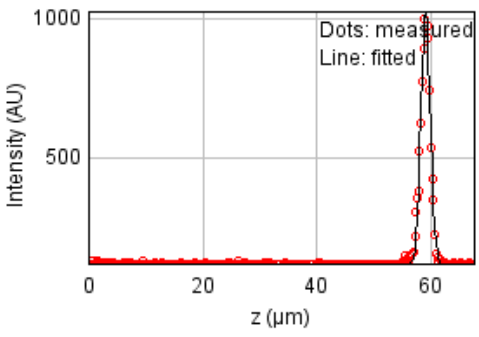




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.974

Parameters:
A = 1044.333 (brightness)
B = 130.963 (background)
a = 0.824 px
b = -0.003 px
c = 0.526 px
xc = 6.100 px
yc = 7.386 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 45780.0041
Standard deviation: 12.21149
R^2: 0.99141
Parameters:
a = 113.50553
b = 1027.68677
c = 59.11966
d = 0.82021

Bead 3299

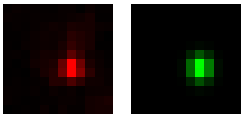
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

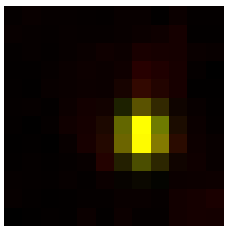
Coordinates : 75.5 um (x), 7.04 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	405 nm	422 nm	270 nm
max	483 nm	503 nm	270 nm
z	1.99 um	2.0 um	1.3 um
Asymmetry	0.839		
Theta	-89.5°		

XY profile & fitting parameters :

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

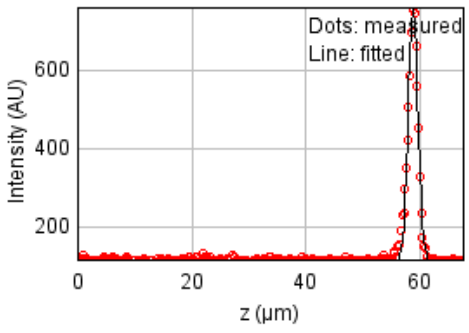




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.945

Parameters:
A = 728.195 (brightness)
B = 134.726 (background)
a = 0.817 px
b = -0.002 px
c = 0.575 px
xc = 7.056 px
yc = 6.485 px

Z profile & fitting parameters:



Fitted on y = a + (b-a)*exp(-(x-c)^2/(2*d^2)
Sum of residuals squared: 32769.8910
Standard deviation: 10.33162
R^2: 0.98815
Parameters:
a = 114.40447
b = 762.61261
c = 58.86068
d = 0.84482

Bead 3300

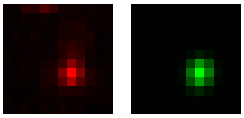
Date : Mon Oct 17 13:54:16 PDT 2022
Origin : data_traditional.tif (Nikon 40x0.95 air)
Frame size : 12 pixels

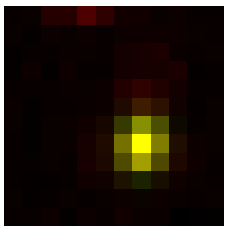
Coordinates : 76.1 um (x), 5.16 um (y), 58.9 um (z)
Corresponding bead : Not found

FWHM	Non corrected	Corrected	Theoretical
min	416 nm	434 nm	270 nm
max	509 nm	530 nm	270 nm
z	2.09 um	2.09 um	1.3 um
Asymmetry	0.819		
Theta	80.8°		

XY profile & fitting parameters :

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

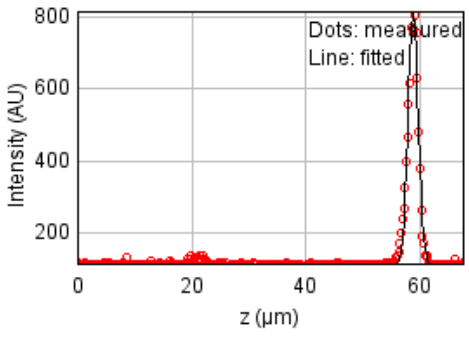




Fitted on i(x,y) = A * exp(-(a*(x-xc)^2 + c*(y-yc)^2 + 2*b*(x-xc)*(y-yc))) + B
R^2 = 0.905

Parameters:
A = 612.307 (brightness)
B = 136.612 (background)
a = 0.767 px
b = 0.040 px
c = 0.525 px
xc = 7.035 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: 45482.2187
Standard deviation: 12.17171
R^2: 0.98671
Parameters:
a = 114.41086
b = 818.99246
c = 58.86120
d = 0.88560