Acquisition Mode, XY, Z-Stack

Open projects	Acquisition

▼ Acquisition Mode

xyz | FLIM

Format : 1024 x 1024
Speed : 600
Bidirectional X : ON
Phase X : 29.61
Zoom Factor : 1.00
Zoom in : OFF
Image Size : 726.56 μm * 726.56 μm
Pixel Size : 710.23 nm * 710.23 nm
Optical Section : 4.877 μm
Pixel Dwell Time : 600 ns   Frame Rate: 1.03/s
Line Average : 1
Line Accu : 1
Frame Average : 1
Frame Accu : 1
Auto Gain
Rotation : 0.00
Pinhole

▼ Z-Stack : 480.34μm | 241 Steps

Begin | End
End : [μm] : 2644.07
Begin : [μm] : 2163.73
Z-Position [μm] : 1654.06
Z-Size [μm] : 480.34
Re-Center
Stack Direction (Z) :
-End-

Number of Steps : 241
Z-Step Size : 2.00
System Optimized
Z-Compensation : none

Autofocus | Stop | 7/5/2021 12:38:58 PM |

Laser Settings

Configuration	Acquire	Process	Quantify	Analysis

▼ Load | Save | Roi

Load/Save single setting : Leica Settings   ROI : OFF   Set Background : OFF   Bleachpoint : OFF

% 0.00 0.00 0.00   OFF   488 552 638
% 0.00   OFF   920
% 12.0   ON   1,080

Switch to Express UI

Visible Light

MP Light

MP Light 2

Objective : HC FLUOTAR 16x/0.60 IMM incl BABB
MFP : SP 815   ☑ Autoselect
Beamsplitter : Substrate   ☑ Autoselect
Fluo Turret : TLD/RLD

BSC | Adv

Specimen

▶ Internal
▶ TLD
▼ RLD

800 900 1,000 1,100 1,200 1,300 1,400 1,500 1,600
1080
400 450 500 550 600 650 700 750 800

415
PMT-RLD 1 : OFF   Gain [V] : 0.0   Offset [%] : 0.00   None
485
555
HyD-RLD2 : ON   Gain [%]: 50.0   Too Humid   Standard   ALEXA 555
621
671
HyD-RLD3 : ON   Gain [%]: 100.0   Too Humid   Standard   ALEXA 647
741

format : format optimized to 4400 x 4400 (can not set this format by hardware limitations)   Capture Image   Start

Linear Z-compensation

Linear Z-Compensation

Compensation by : ☑ Excitation Gain   ☐ Detector Gain

Excitation Gain

345
275.5
205.5
135.5
65.5

End

Begin

Add | Delete | Move To | Move to and Apply | Remove All

Z-Position	AOM 1080
347.75	12
0	10

Reference Position [μm]: 460.02   Set to Begin