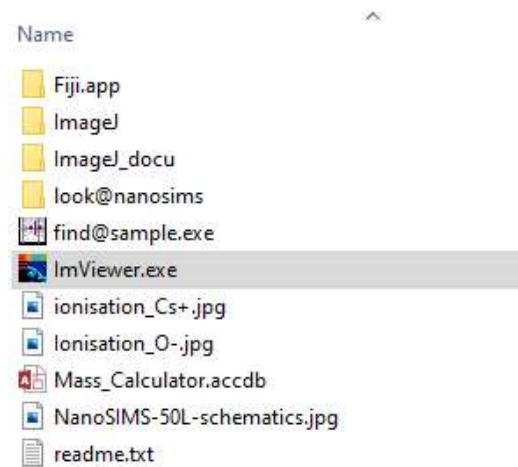# ImViewer.exe

Autor: Johann Lugmeier
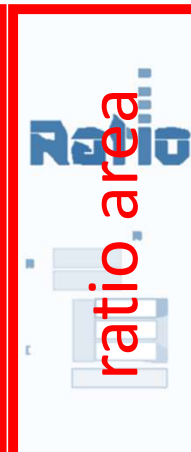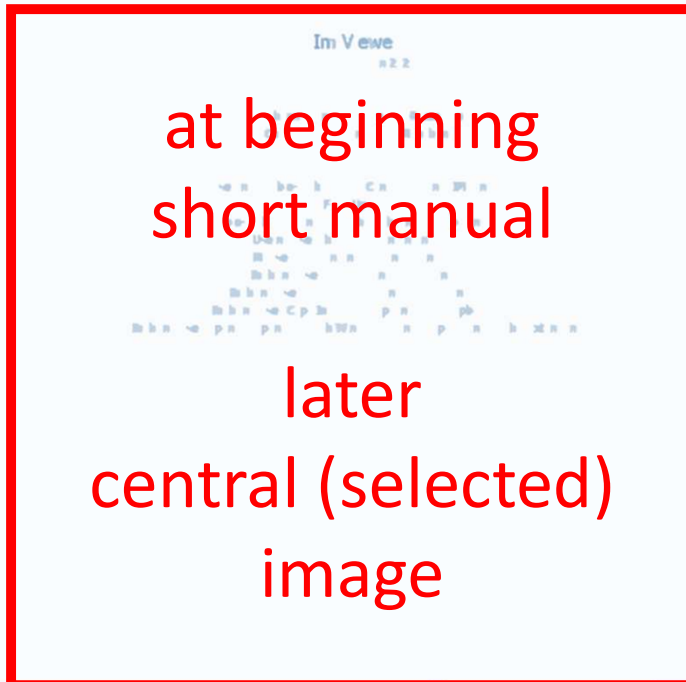
Date: 11.1.2021
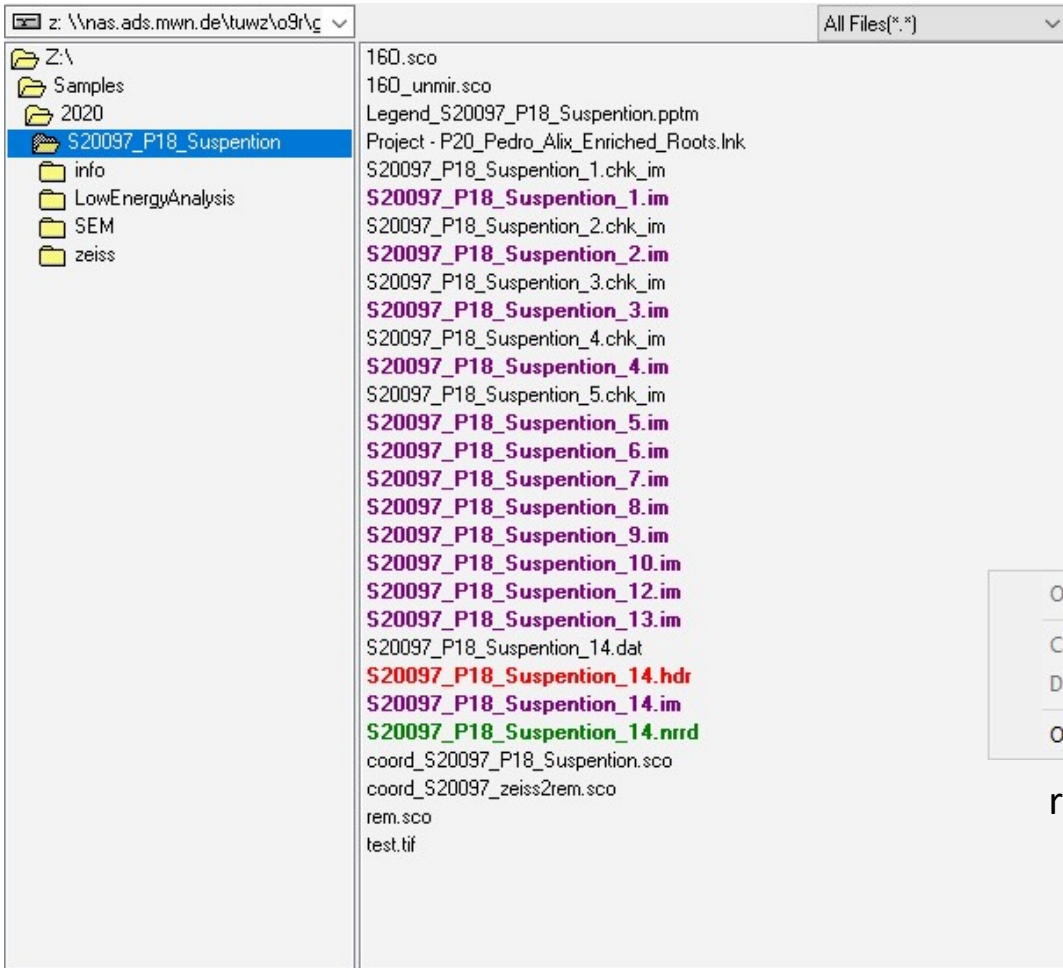
Rev.:   6.0

Open ImViewer

To Open ImViewer, double-klick on ImViewer.exe. Normally you can find at Z:\tools\ImViewer.exe

masses

file select area

control area

at beginning
short manual

later
central (selected)
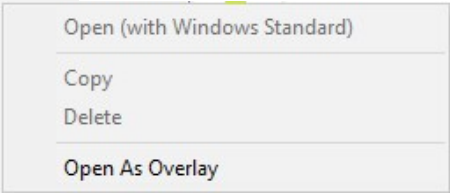image

ratio area

red
green
blue

File Select Area

„open" or double click on
black file: nothing can be done
violet file: Cameca im-File will be opend
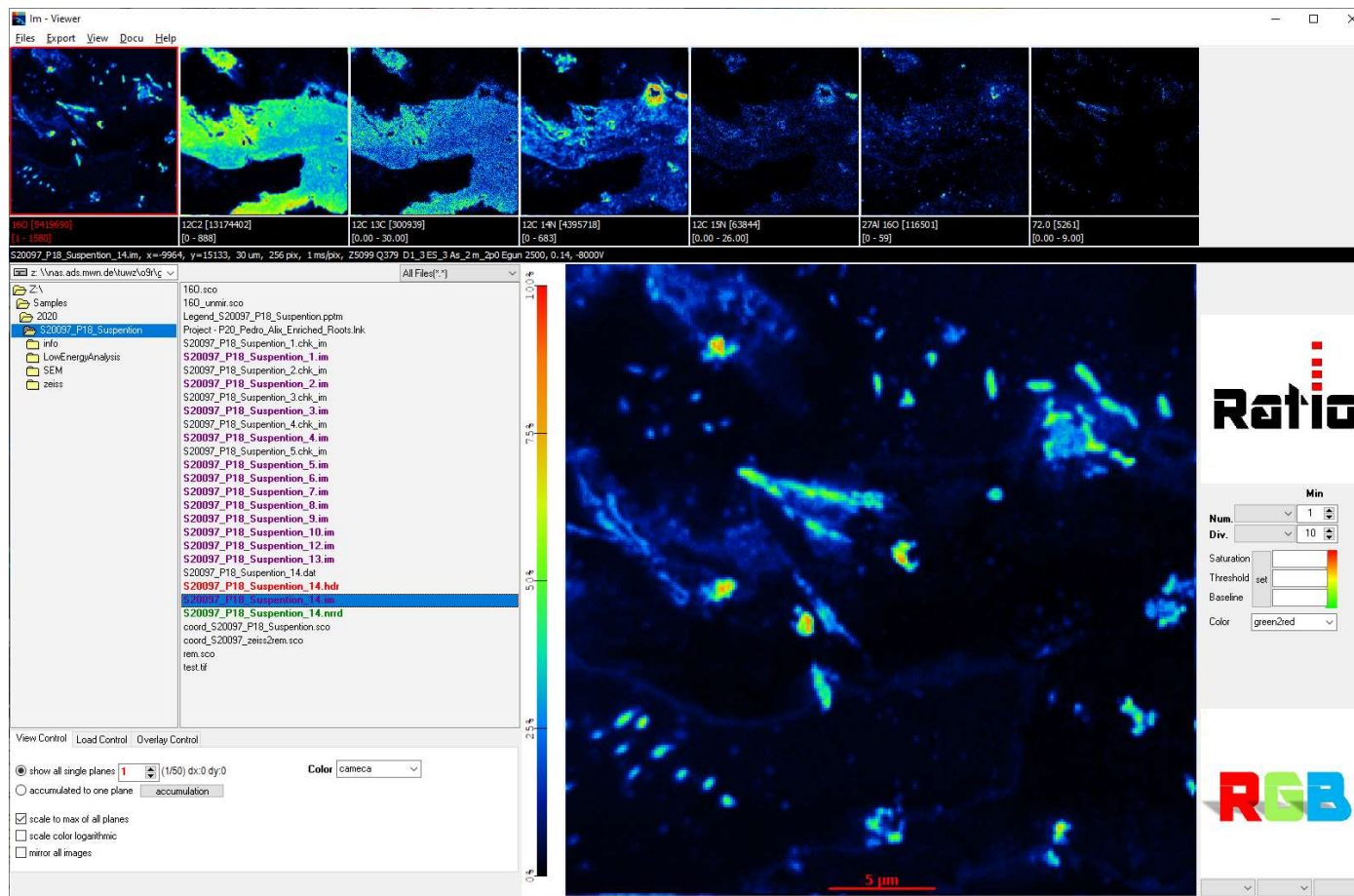green file: OpenNims nrrd-File will be opend
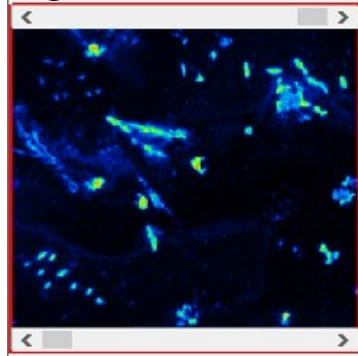red file: Envi hdr-File will be opend

right mouse menu

Basic Operations

- double-click on im (violet), hdr (red) or nrrd (green) file opens measurement with up to 8 masses
- double-cleck on one of the small images expands it to the big image
- use mouse wheel to coom in and out at one image
- use „ctrl" and mouse wheel to zoom in and out at all images
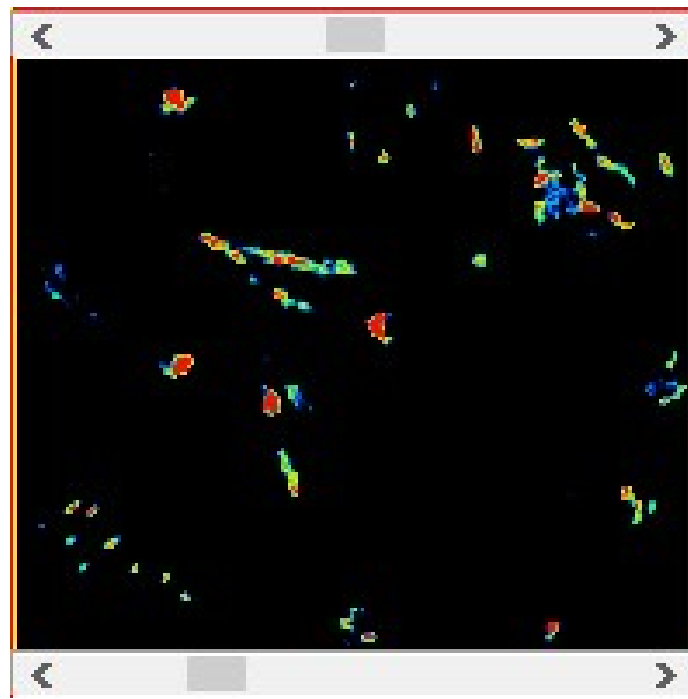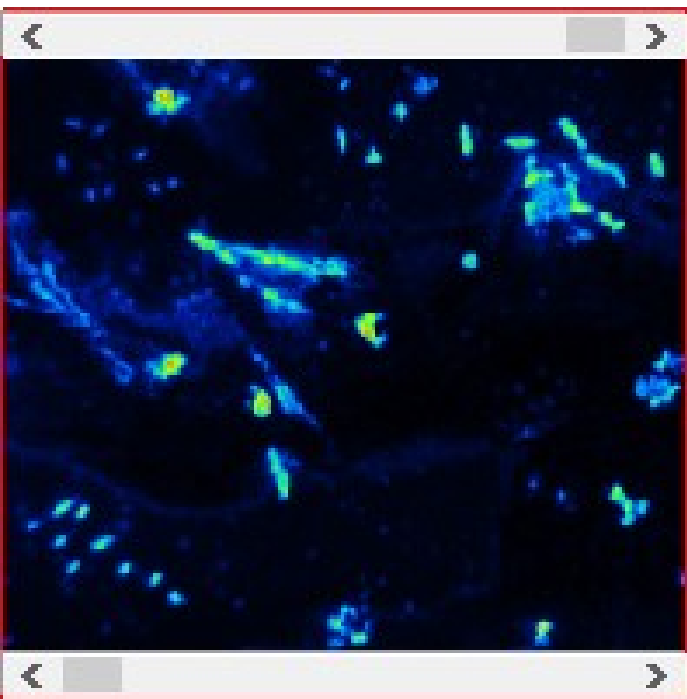
View Thresholds

High View Threshold

Low View Threshold

Go with cursor to upper or lower border of on the mass images scroll bars for view thresholds will get visible.
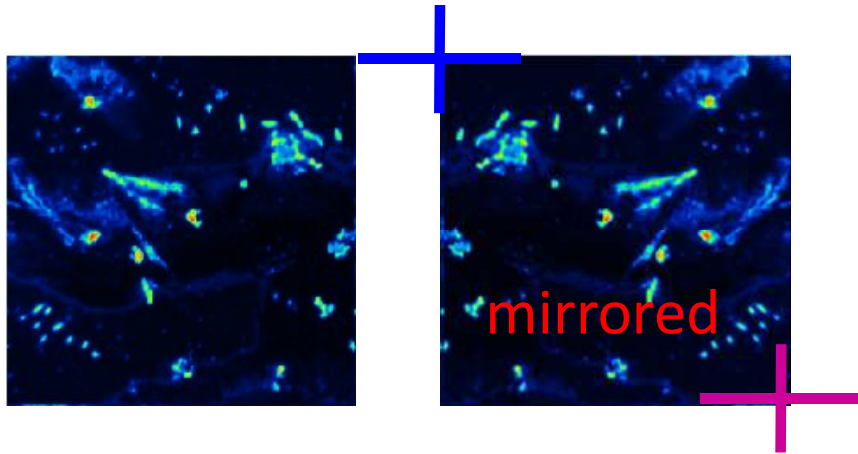
counts <= Low View Threshold ==> minimum color (black)
counts >= High View Threshold ==> maximum color (red)
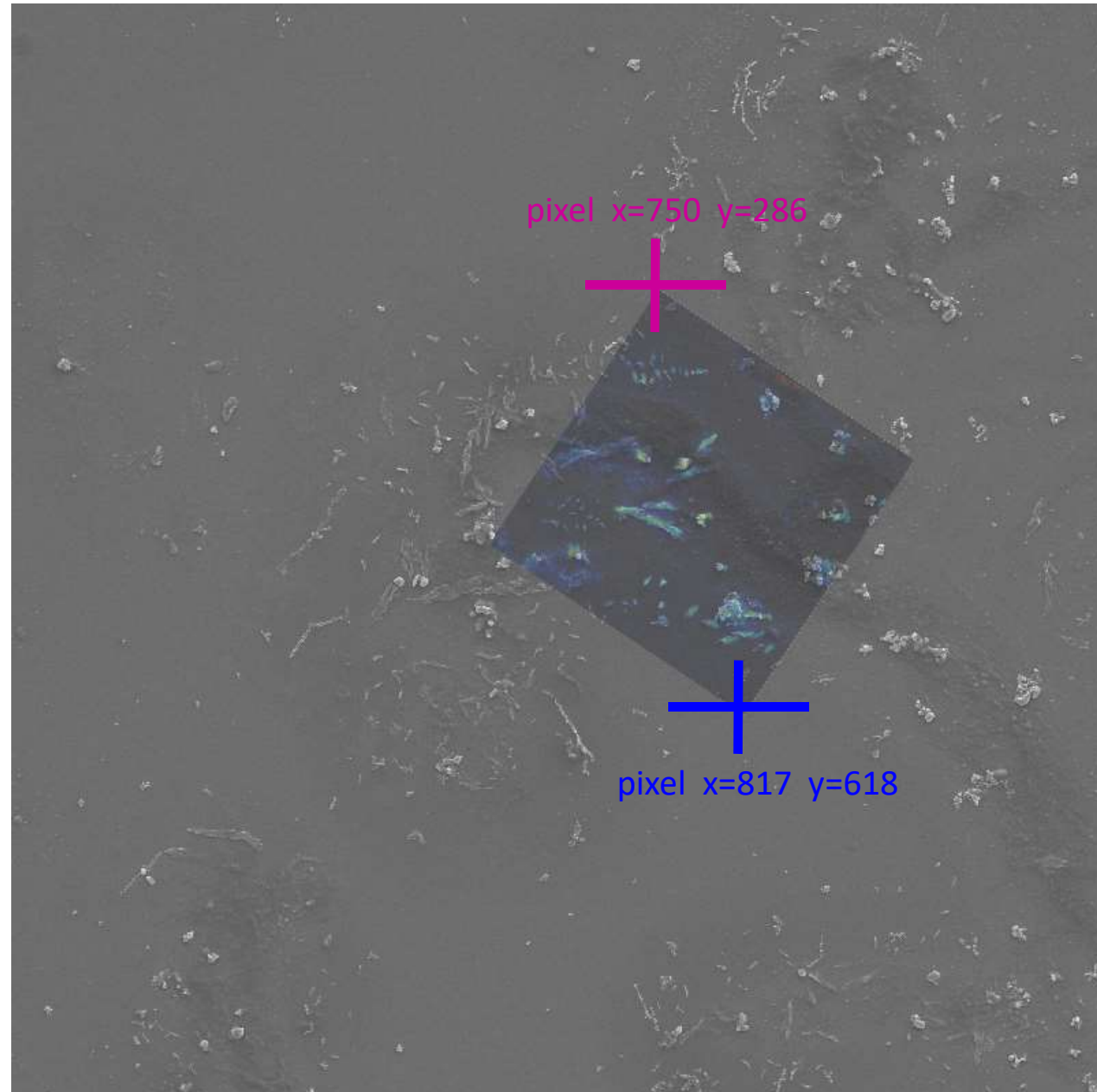
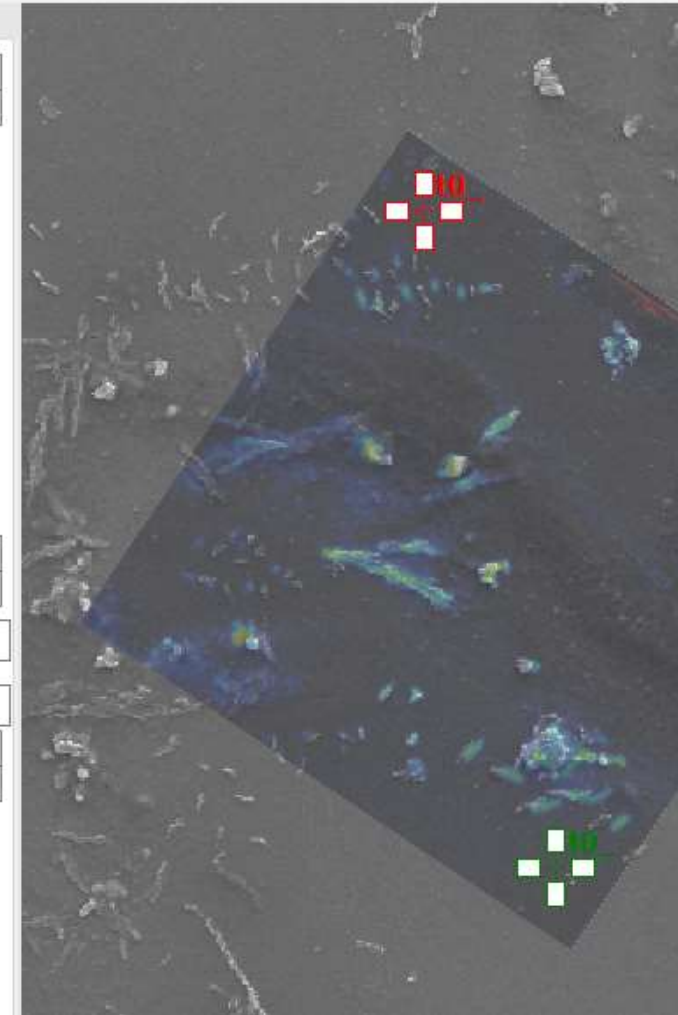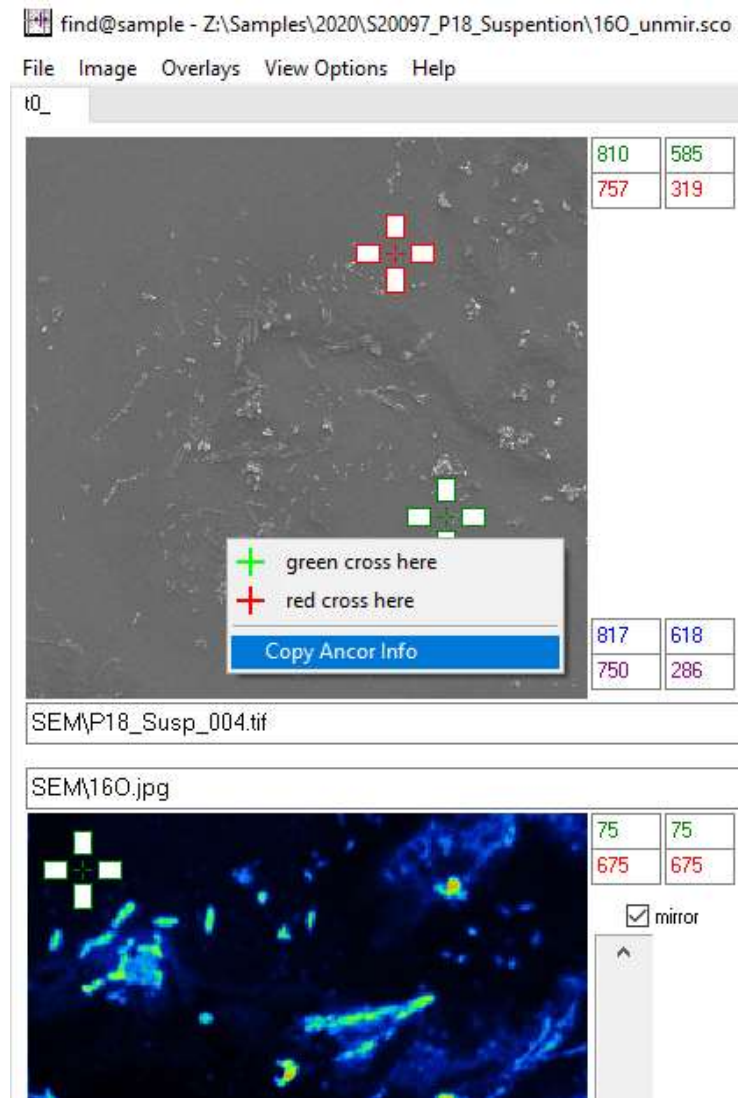View Threshold is also unsed for RGB images

Overlay Image

mirrored

example: we have a measurement of 40 um (colored) and a SEM image from the same area (grey). And we know where is the left-up-corner and the and the right-down-corner of mirrored im-file is anchored (pixels coordinates) in the original SEM image.

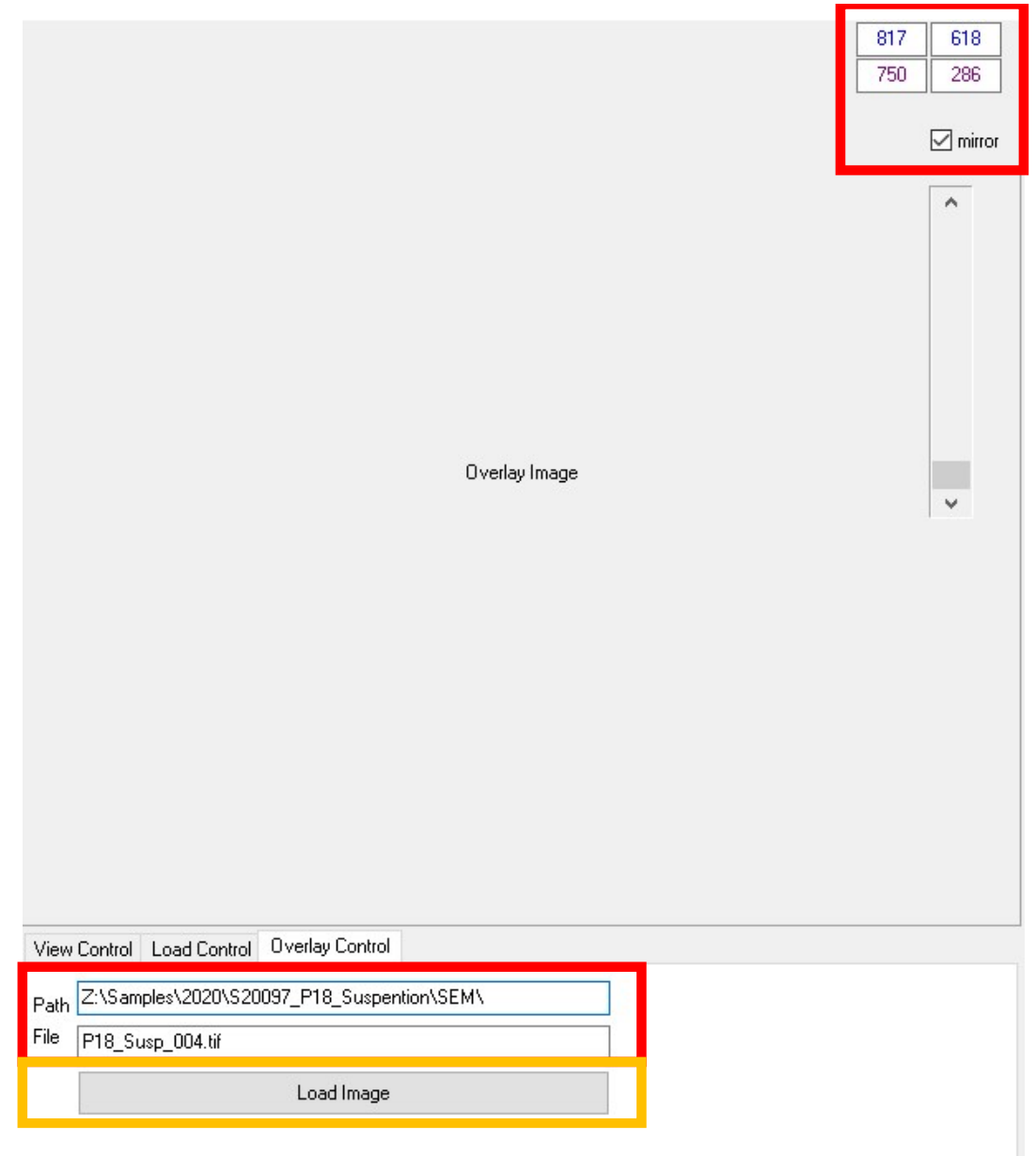pixel x=750 y=286

pixel x=817 y=618

find@sample
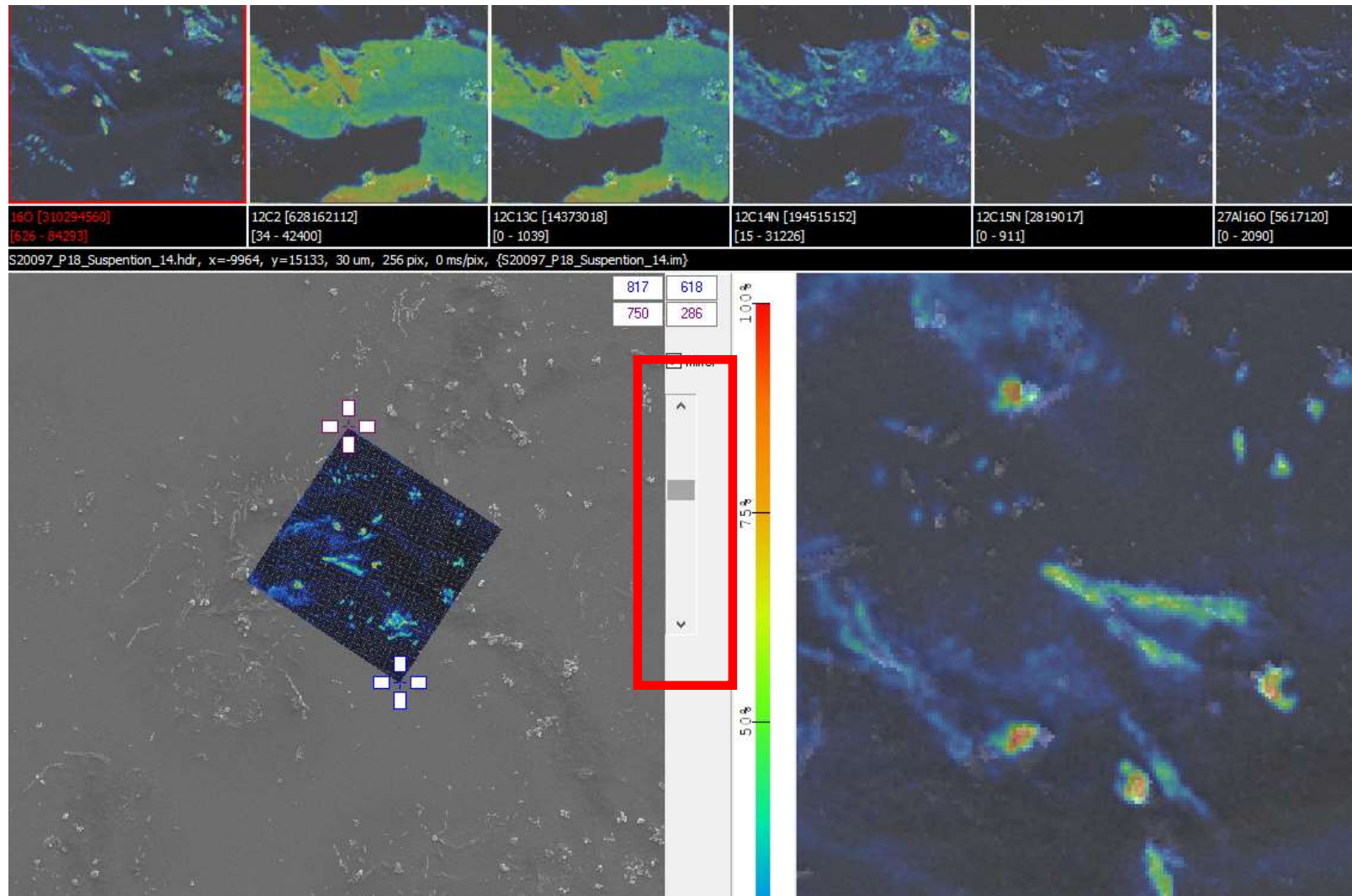
in overlay-mode you can „copy ancor info"
to clipboard

set focus to „path" or „file"

and „past" (right mouse menu or ctrl-P) all informations found from find@image to the fields.

Press „Load Image".

817   618
750   286

☑ mirror

Overlay Image

View Control   Load Control   Overlay Control

Path   Z:\Samples\2020\S20097_P18_Suspention\SEM\
File   P18_Susp_004.tif

Load Image

with the scroll bar you can conrol visability/transperency of the overlayed images