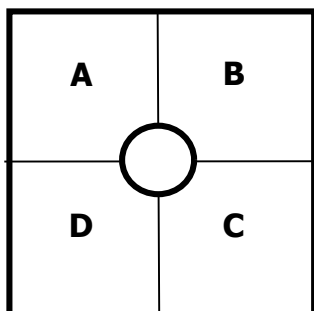
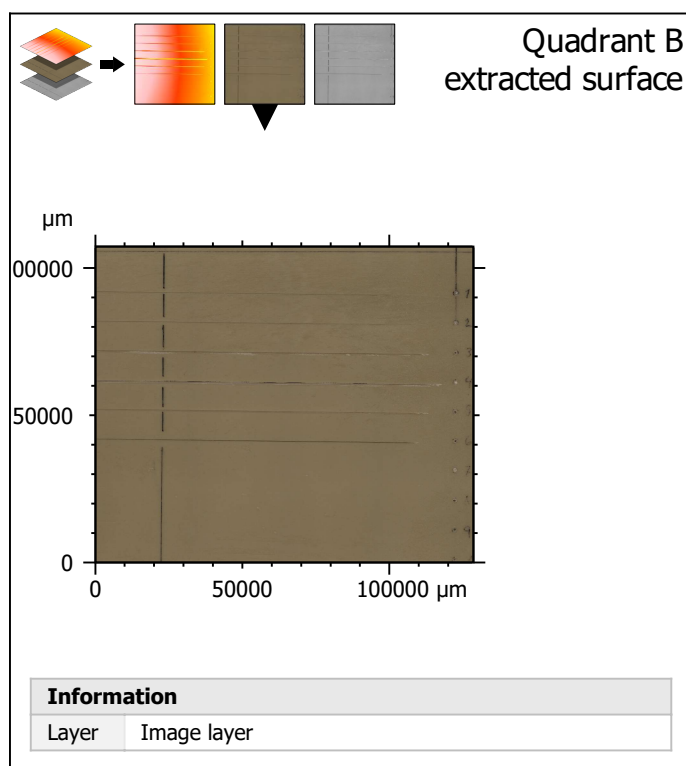
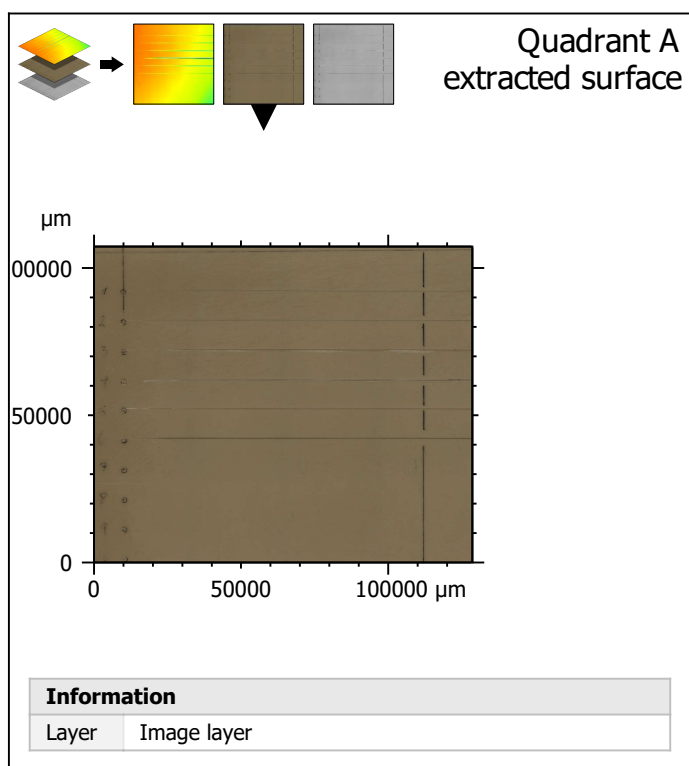


Patch surfaces of the bone plates acquired with the Sensofar S-wide.

Due to the travel range of the stage (150 x 150 mm), the bone plates were acquired in 4 quadrants, resulting in 1 surface per quadrant. This document patches the quadrants A and B together.



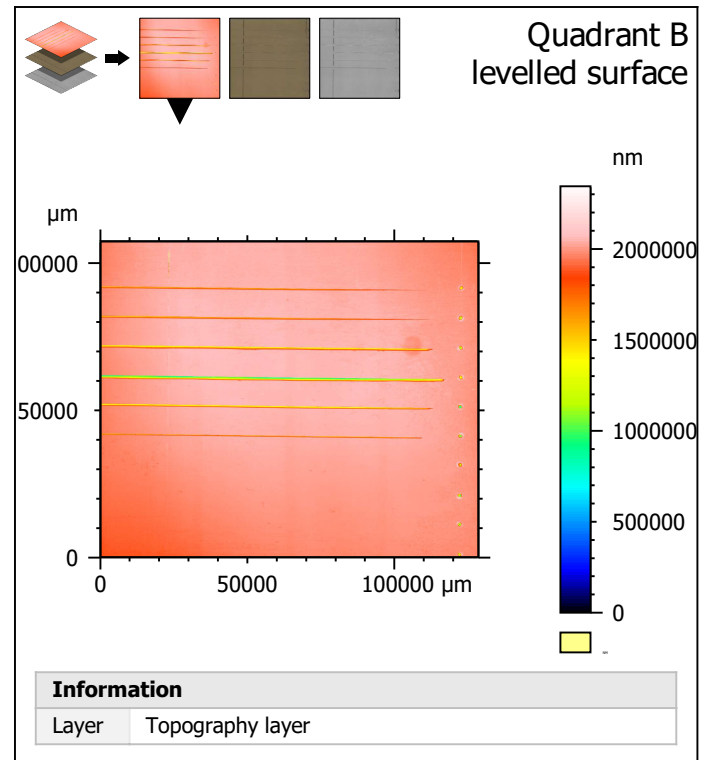
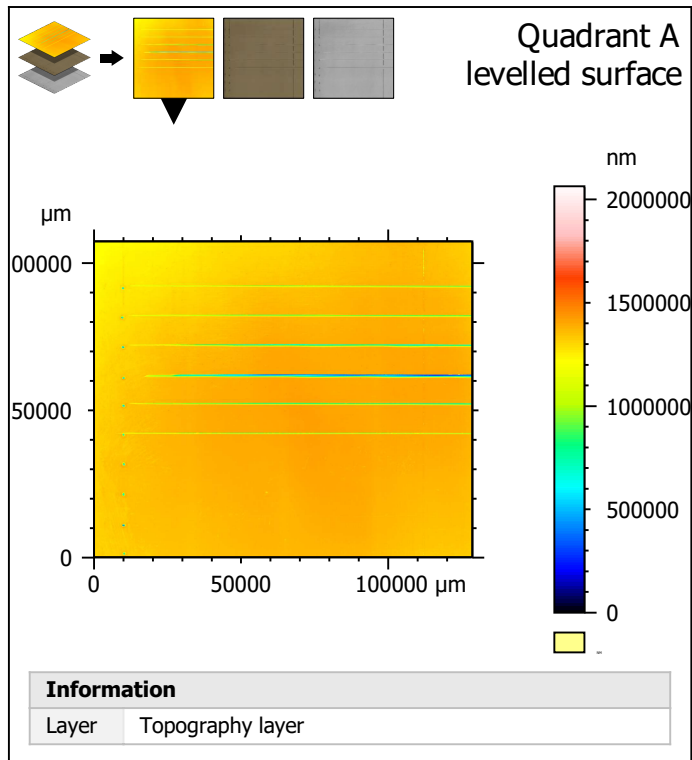
Labelling of bone plate quadrants.



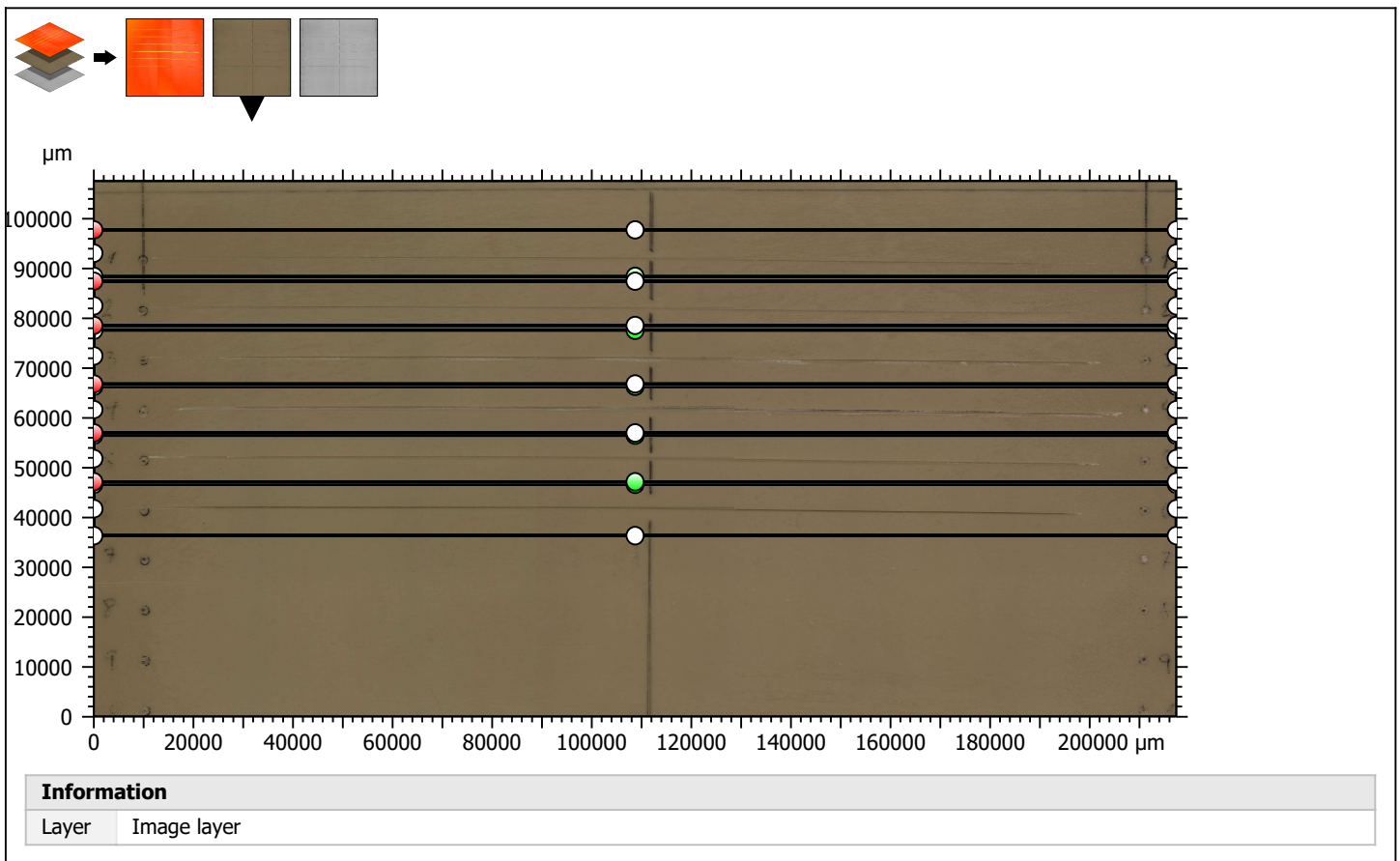
Identity card			
Name:	BP-I_S-wide_cutting_...0strokes_20210803_A		
Created on:	8/3/2021 12:38:58 PM		
Axis:	X		
Length:	128544	µm	
Size:	9055	points	
Spacing:	14.20	µm	
Axis:	Y		
Length:	107362	µm	
Size:	7563	points	
Spacing:	14.20	µm	
Axis:	Z		
Layer type:	Topography		
NM-points ratio:	0.0131 % (8971 Pts)		

Identity card			
Name:	BP-I_S-wide_cutting_...0strokes_20210803_B		
Created on:	8/3/2021 12:33:33 PM		
Axis:	X		
Length:	128559	µm	
Size:	9056	points	
Spacing:	14.20	µm	
Axis:	Y		
Length:	107333	µm	
Size:	7561	points	
Spacing:	14.20	µm	
Axis:	Z		
Layer type:	Topography		
NM-points ratio:	0.03912 % (26785 Pts)		

3-point levelling: place 3 points on the flat areas, levelling by subtraction.



Patch quadrants A and B: manual rough alignment and then automatically calculate XY offset according to the best overlap (size of neighborhood: 5x5) and Z offset from common zones.



Identity card

Name: BP-I_S-wide_cutting_2000strokes_20210803_A > Leveled (3 points) > Patched studiable

Axis: X			
Length:	217372	μm	
Size:	13194	points	
Spacing:	16.48	μm	
Axis: Y			
Length:	107591	μm	
Size:	6531	points	
Spacing:	16.48	μm	
Axis: Z			
Layer type:	Topography		
NM-points ratio:	0.1958 % (168694 Pts)		

Extract and export single grooves:

