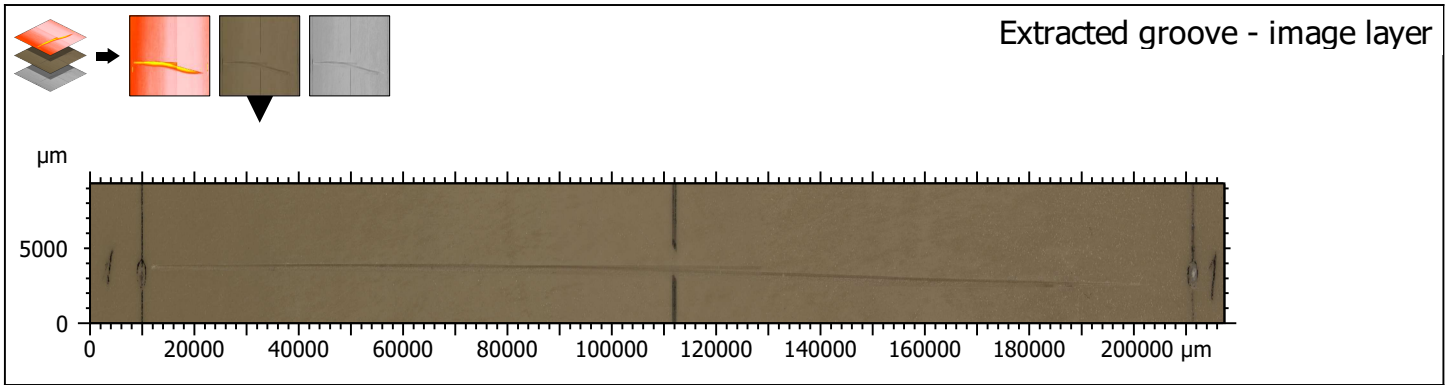


Processing on single grooves



Identity card

Name: BP-I_S-wide_cutting_2000strokes_20210803_FLT8-1_45deg

Axis: X

Length: 217372 μm

Size: 13194 points

Spacing: 16.48 μm

Axis: Y

Length: 9342 μm

Size: 568 points

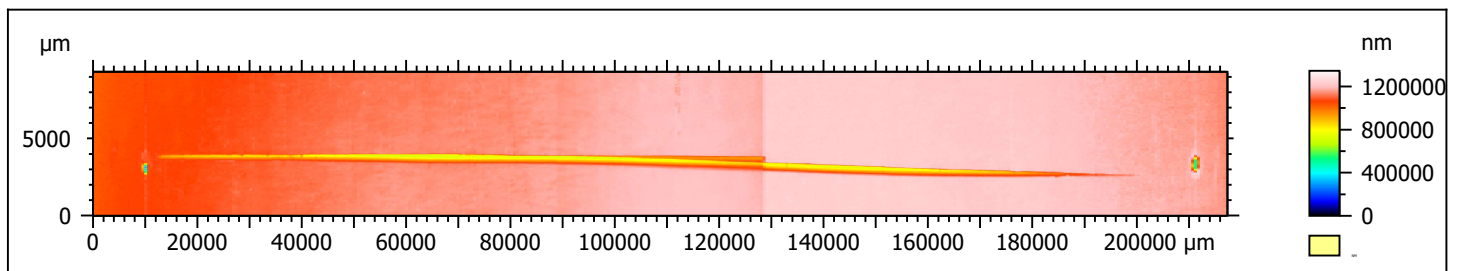
Spacing: 16.48 μm

Axis: Z

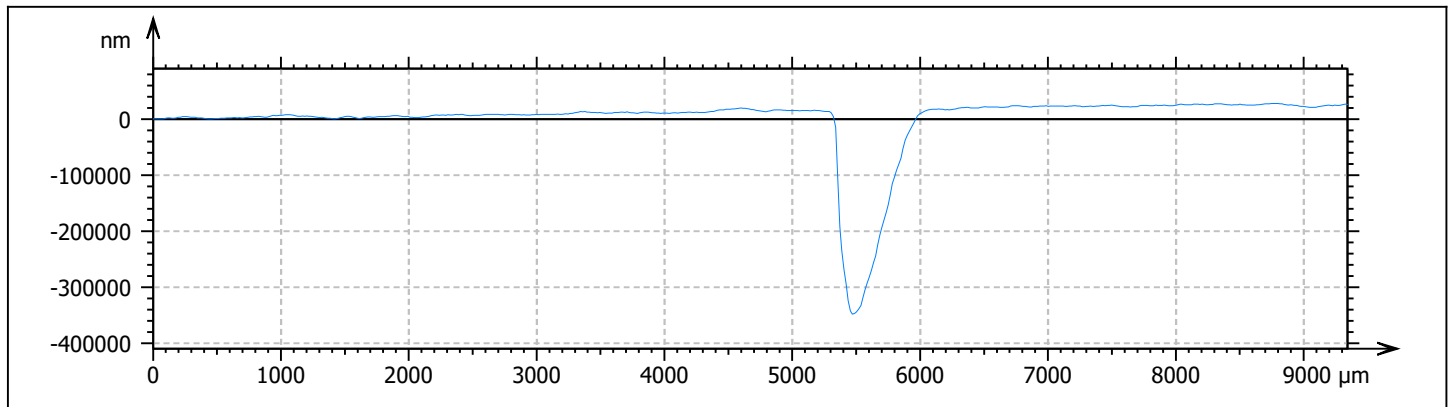
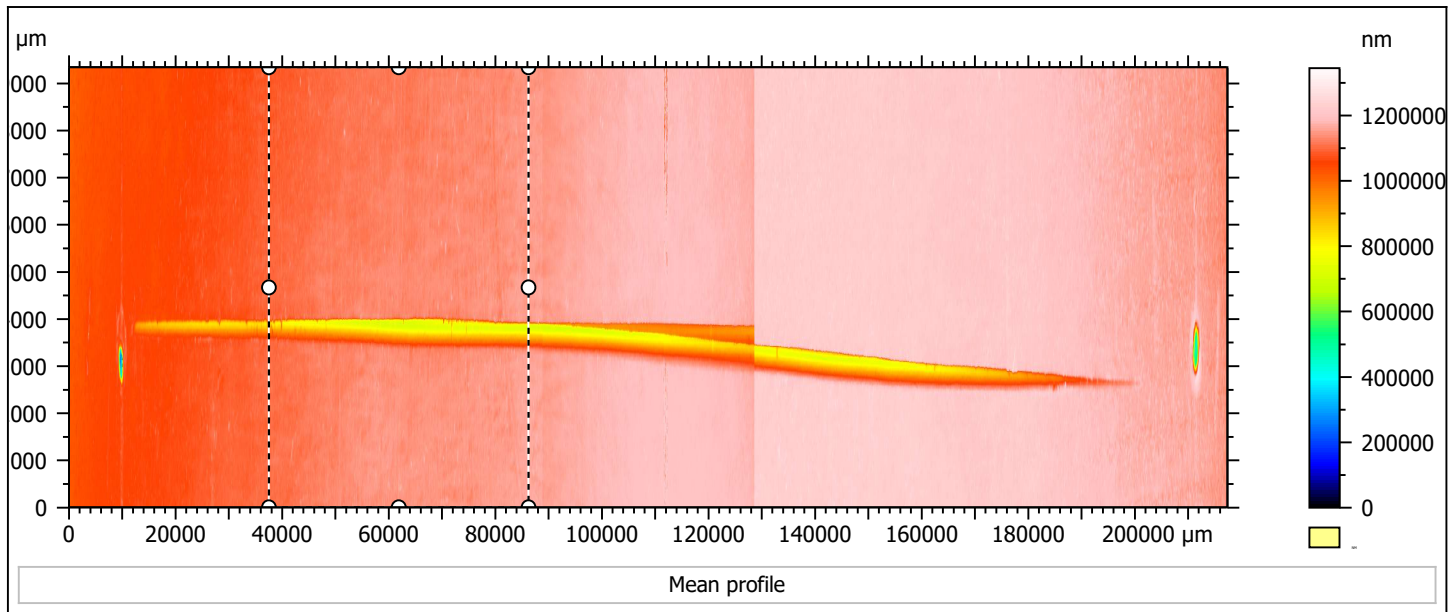
Layer type: Topography

NM-points ratio: 0.0005471 % (41 Pts)

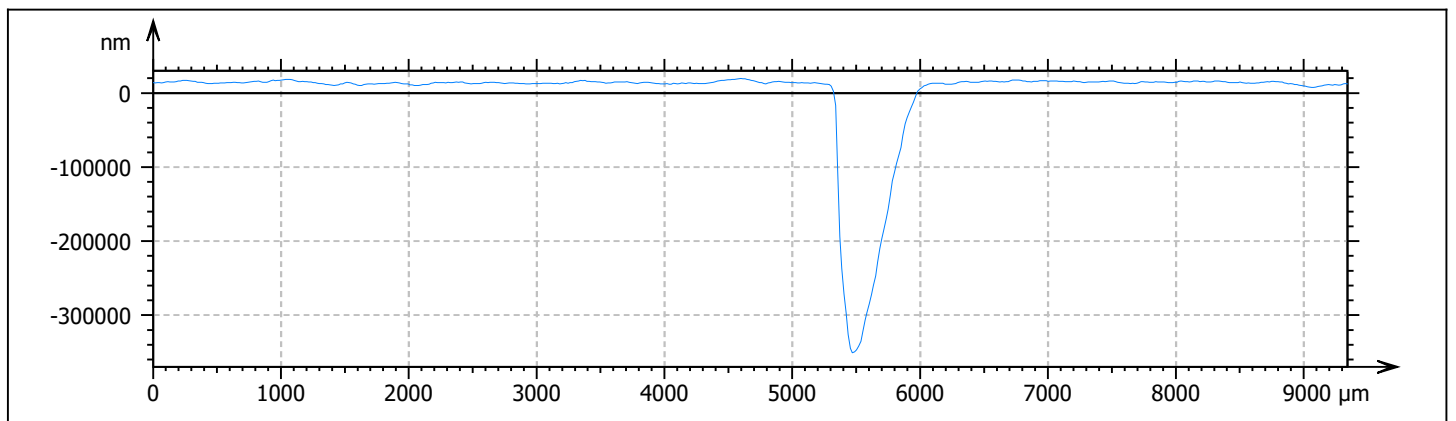
Extract topography layer of groove



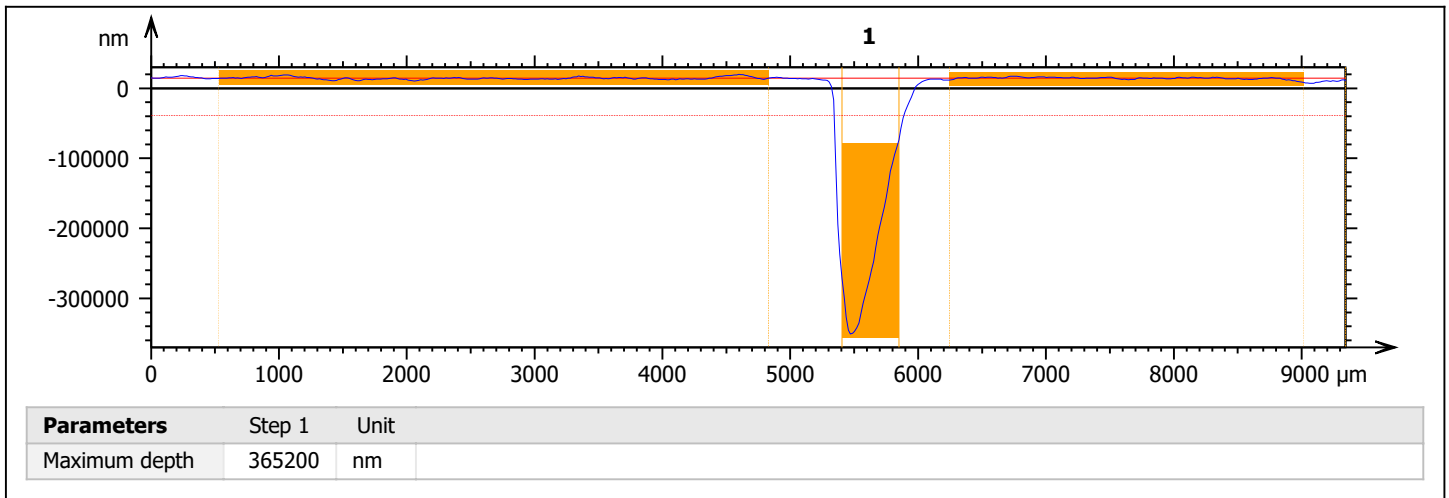
Mean profile of a series of 30 profiles (extracted every 100 points) in the deepest part of the groove.



Levelled profile: least square line by subtraction (excluding the groove).



Groove height: step height calculations (automatic method, negative steps, level using automatic reference line, exclude step edges with a margin of 1/10 of the step width).



Groove height and width: advanced contour analysis (auto-detect elements $\geq 200 \mu\text{m}$ with fast method and keep only segments on the flat areas; create lowest point; measure horizontal distance between segments, and vertical distance between lowest point and right segment).

