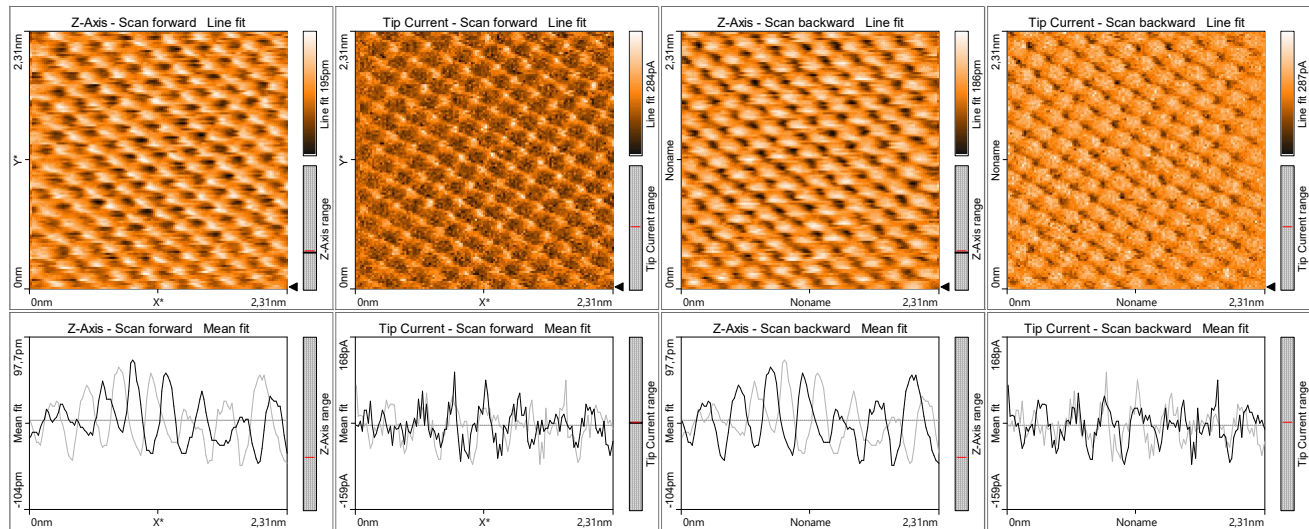


# Nanosurf Naio - Measurement Report

File: C:\Users\PhysPraktikum\AppData\Local\Nanosurf\Nanosurf Naio\History\Image01488.nid



Parameter:

-- Scan group --

Image size = 2,31nm  
Scan direction = Down  
Time/Line = 59,9ms  
Points = 128  
Lines = 128  
X-Slope = 87,2m°  
Y-Slope = 3,19 °  
Rotation = 0 °  
X-Pos = -117nm  
Y-Pos = 136nm  
Z-Plane = 7,48nm  
Line mode = Standard

Date = 02-06-2025  
Time = 12:49:37  
-- Feedback group --  
Setpoint = 1nA  
P-Gain = 2000  
I-Gain = 4000  
D-Gain = 0  
P-Gain2 = 0  
I-Gain2 = 0  
D-Gain2 = 0  
Tip Voltage = 50,1mV  
Feedback Mode = Free Running  
Feedback algo. = Adaptive PID

Error range = 200nA  
Ampl. Ctrl. mode= Const. Drive  
-- Global --  
Operating mode = STM  
Head type = STM  
Scan head = Uncal\_STM.hed  
Software ver. = 3.10.0.39  
Firmware ver. = 3.8.1.0  
Controller S/N = 061-14-086  
-- Module --  
Controller Board = 2  
USB Module = 4