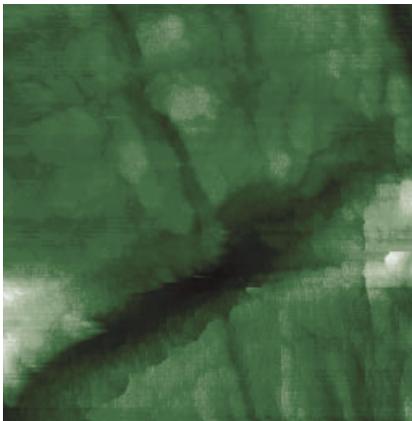


STM measurements on polished copper

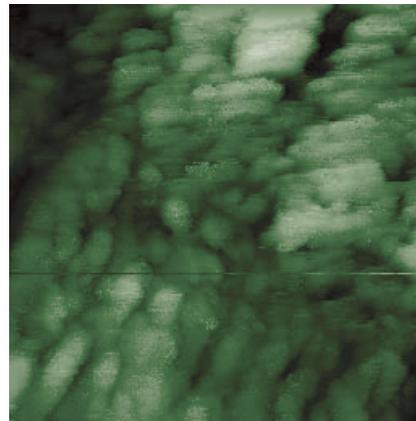
Nanosurf® STM Application Note

A simple sheet of copper has been polished and subsequently cleaned with pure ethanol. This STM measurement was carried out under ambient conditions at a tunneling current of 1nA and an applied gap voltage of 50mV.

STM measurements on polished copper sheet (raw data)



scan size: 500 nm
z-range: 40 nm



scan size: 100 nm
z-range: 10 nm

Sub micrometer sized scratches from polishing and polycrystalline platelets can be observed.