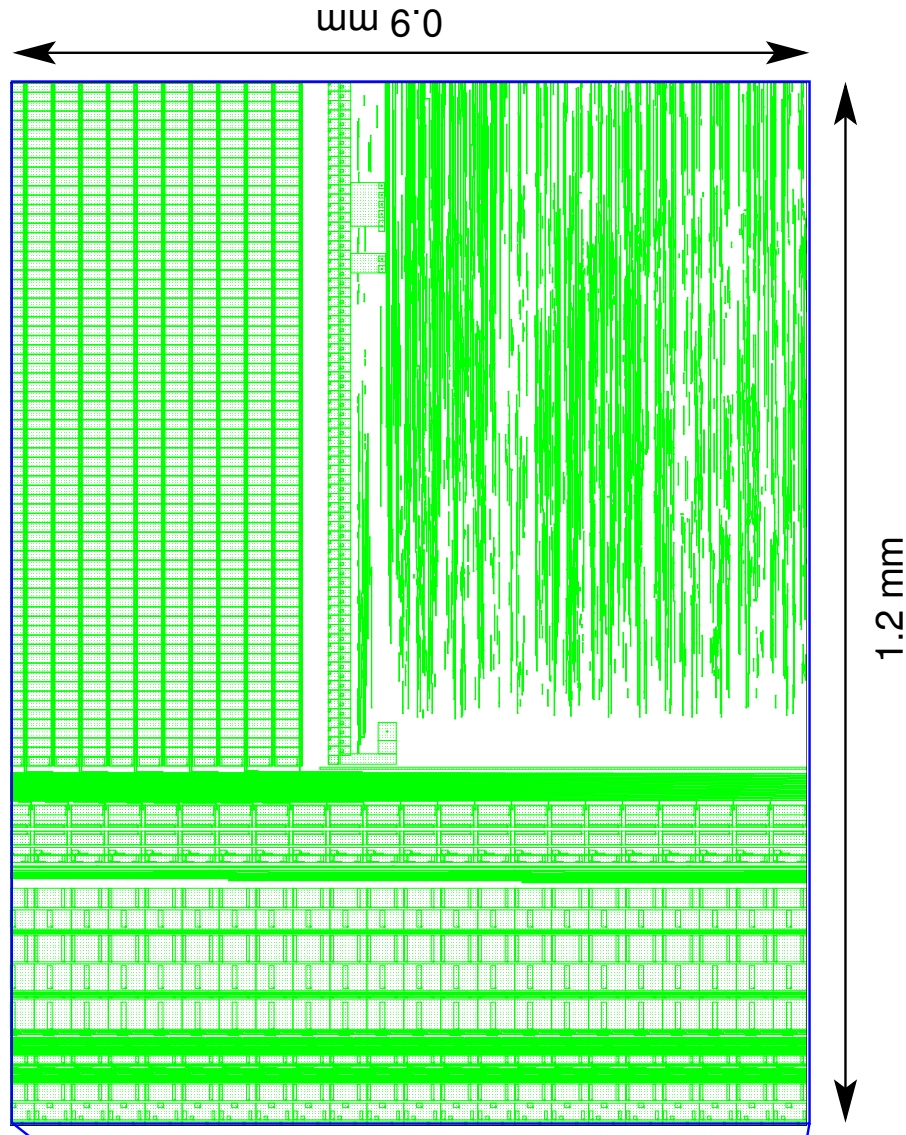
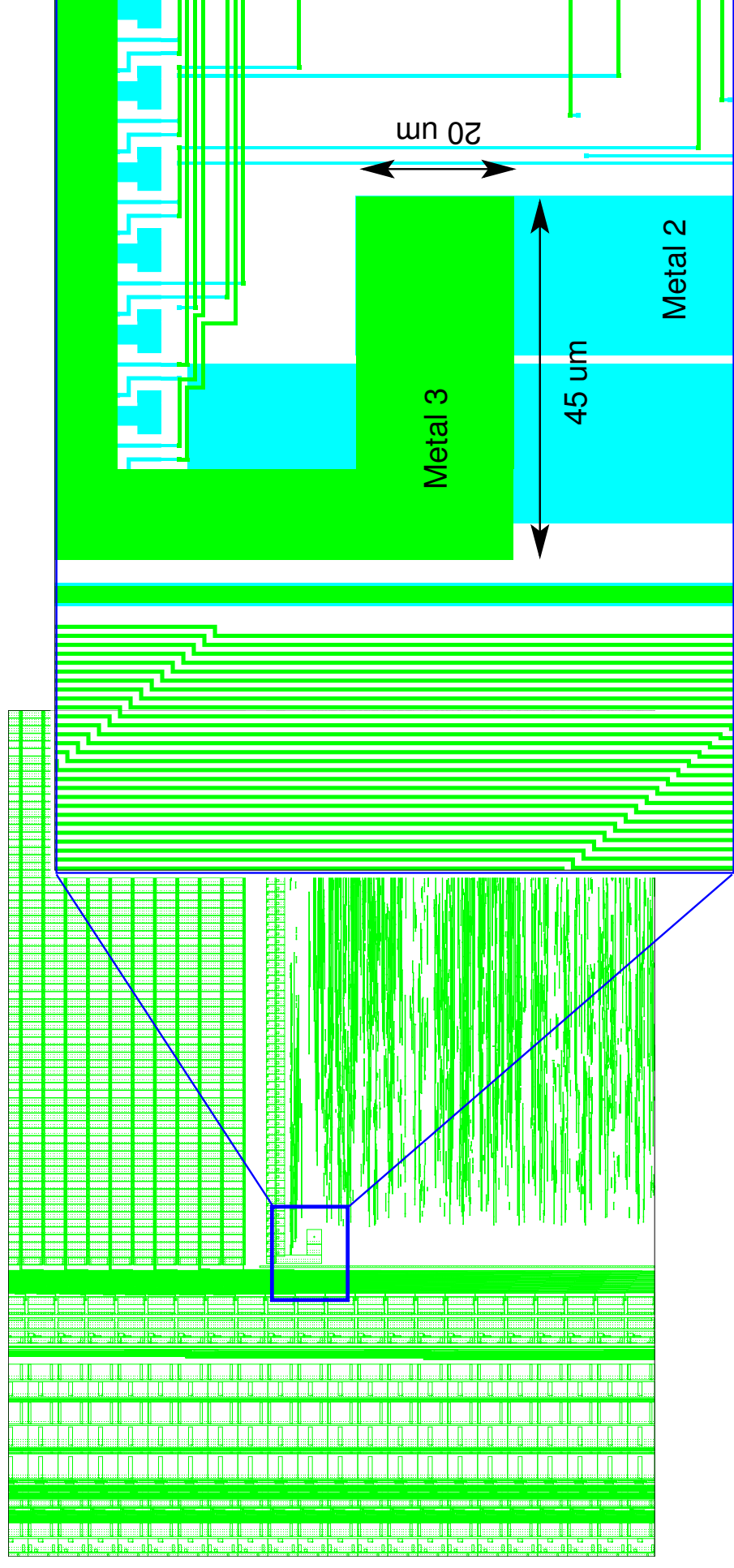
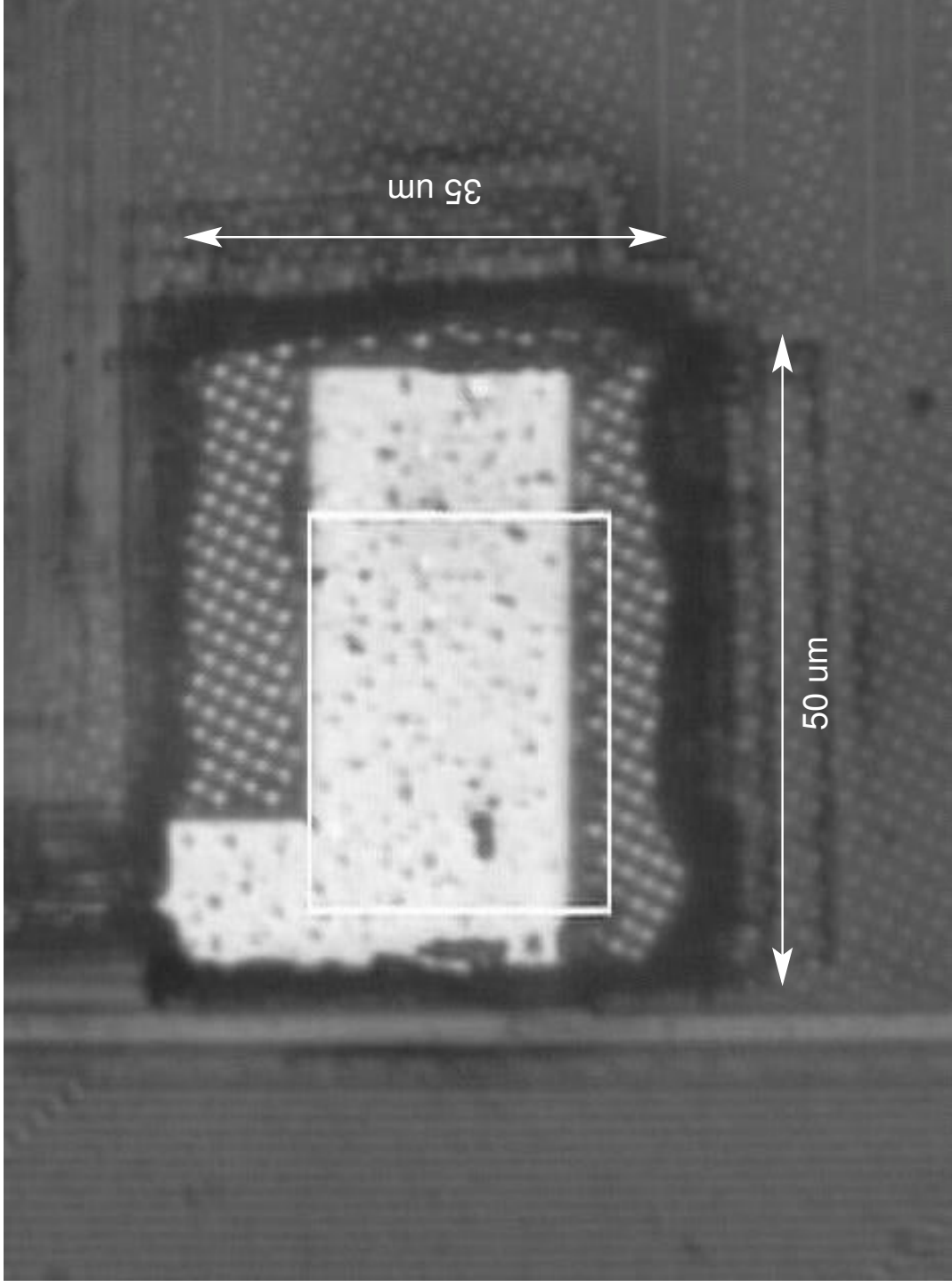


Beetle 1.2







Laser:

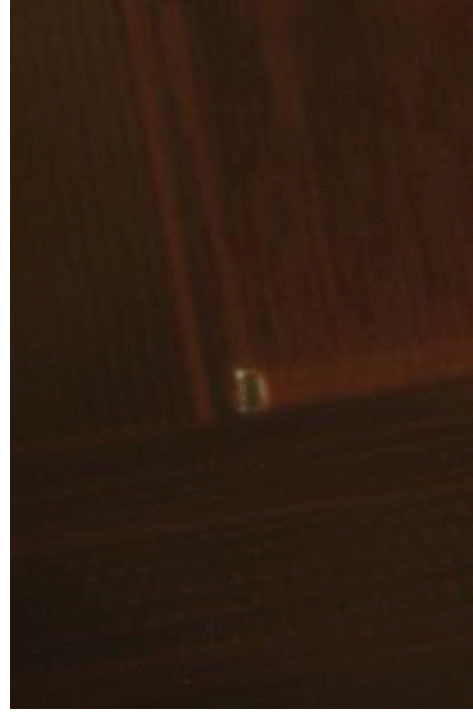
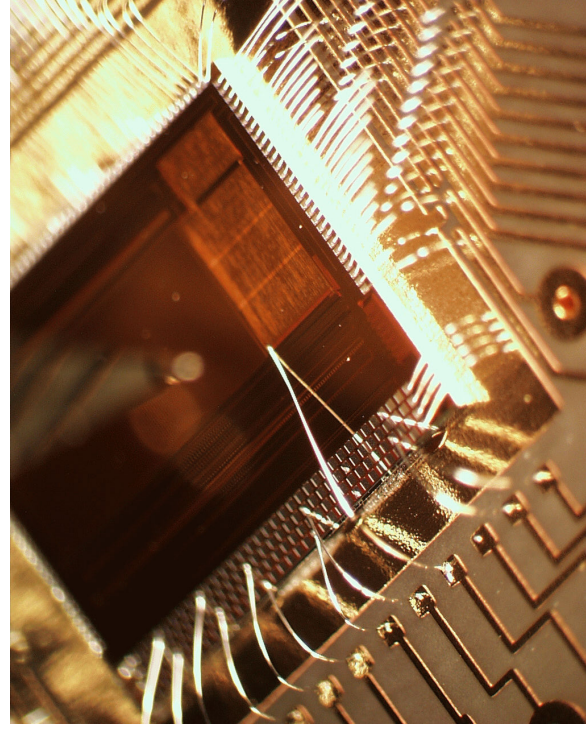
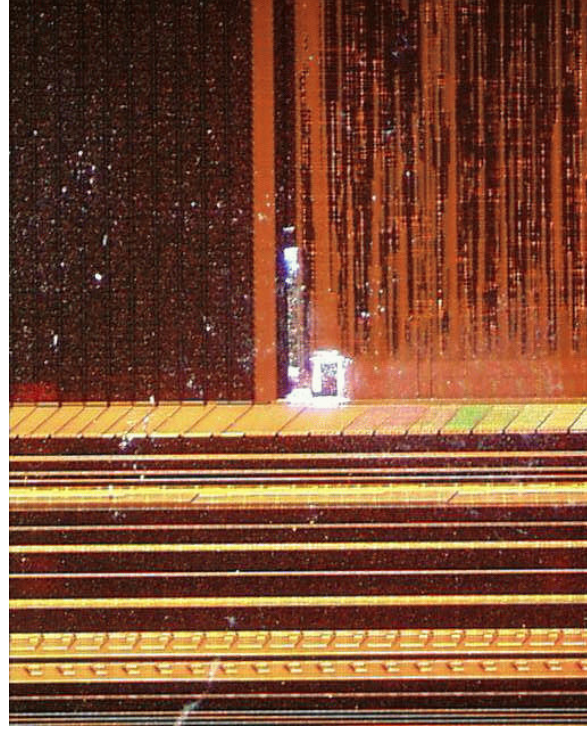
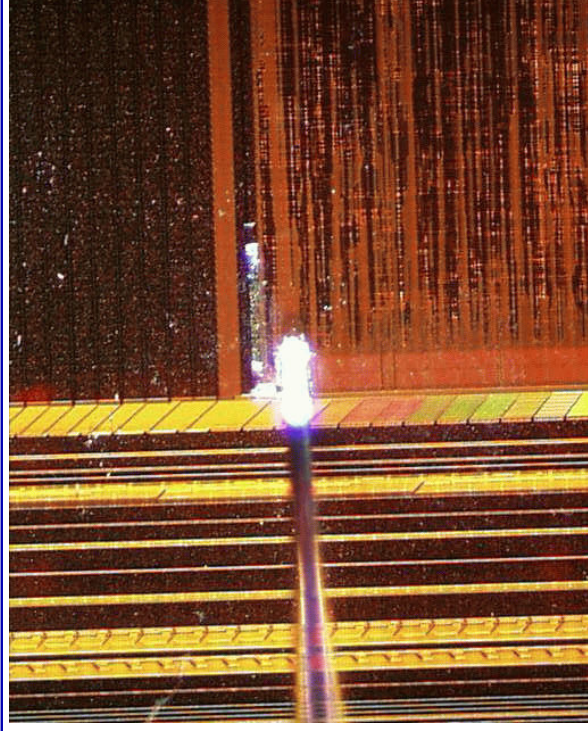
remove of passivation  
(IBM: Oxide, Nitride, Polyimide)

UV mode

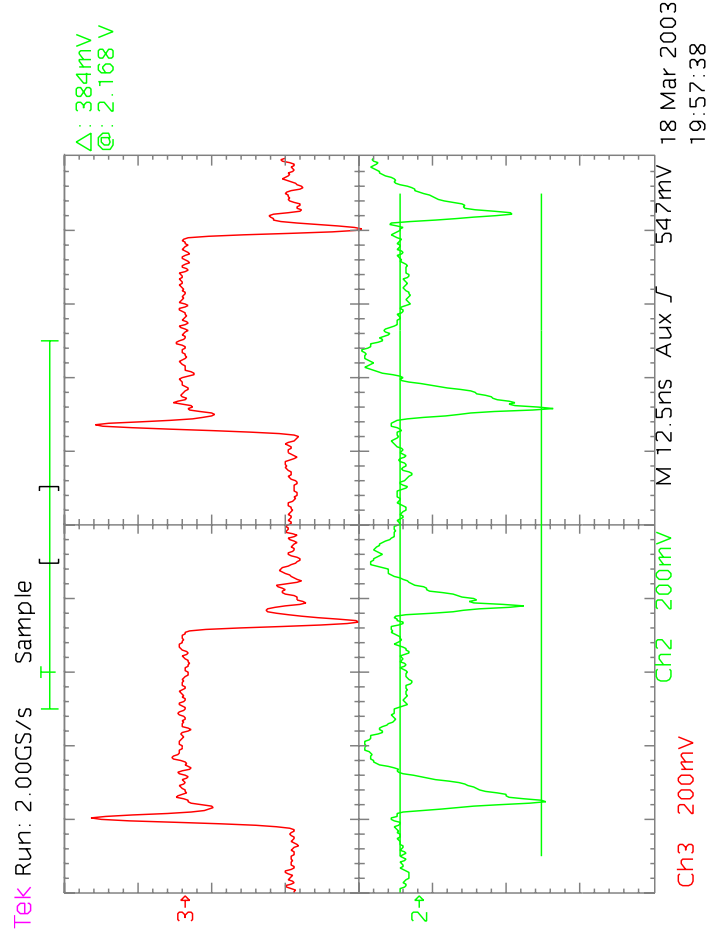
energy: low, 250–400  
pulses: 20–30



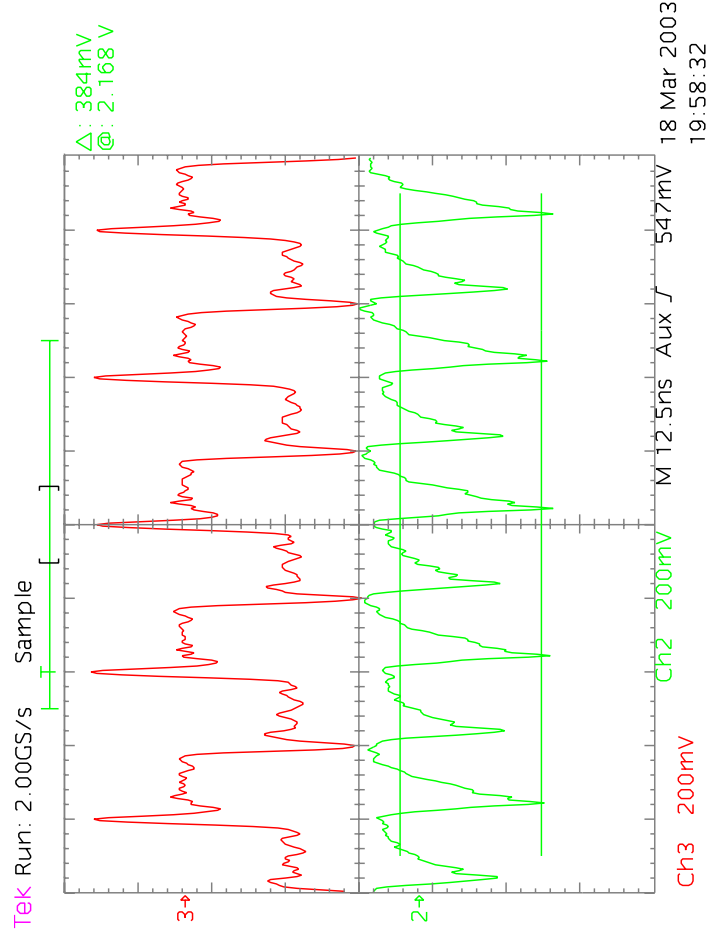
# Beetle 1.2



Vddd: upper left corner



15 MHz ScIk



40 MHz ScIk