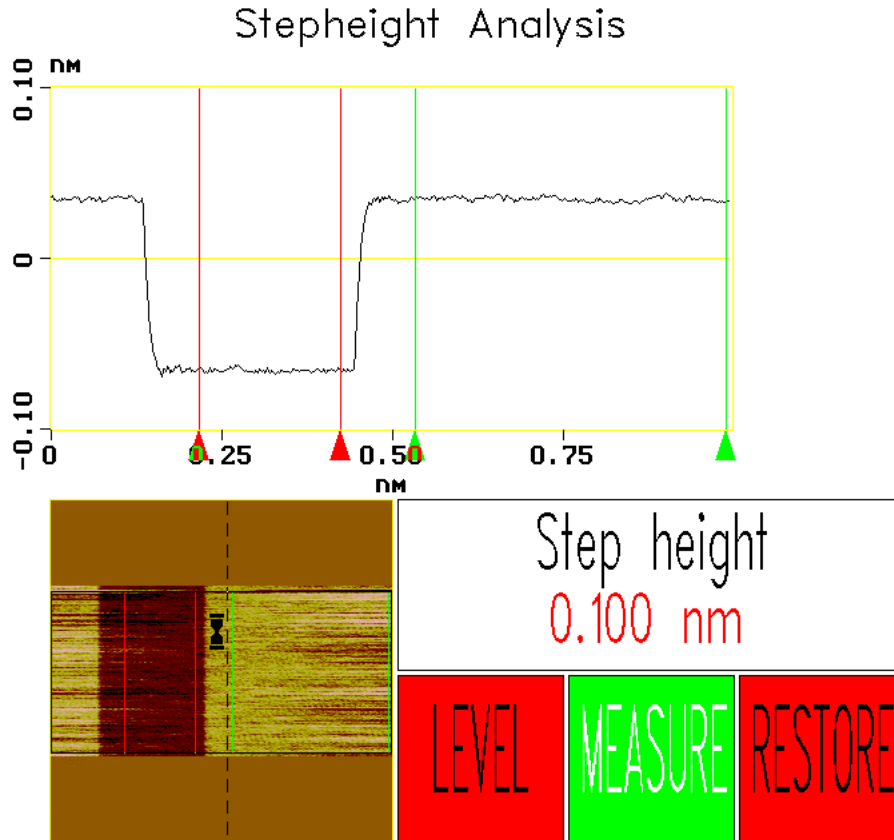


Step Height Calibration using Hector



This chart shows a nominal 0.100 nm step, recorded using the Hector step height calibrator and a Dimension 3100 AFM. Short-term repeatability was ± 0.001 nm, indicating a signal to noise ratio of about 100. SNR was even higher for taller steps. The step height calibrator can be adjusted continuously from 0 to 100 nm, with high precision and accuracy. So, if you need to measure a 0.1 nm step and then measure a 10 nm step, you can do this without changing anything in the AFM. One calibrator replaces many individual calibration samples, providing speed, accuracy and convenience.

More Stepheights on D3100

