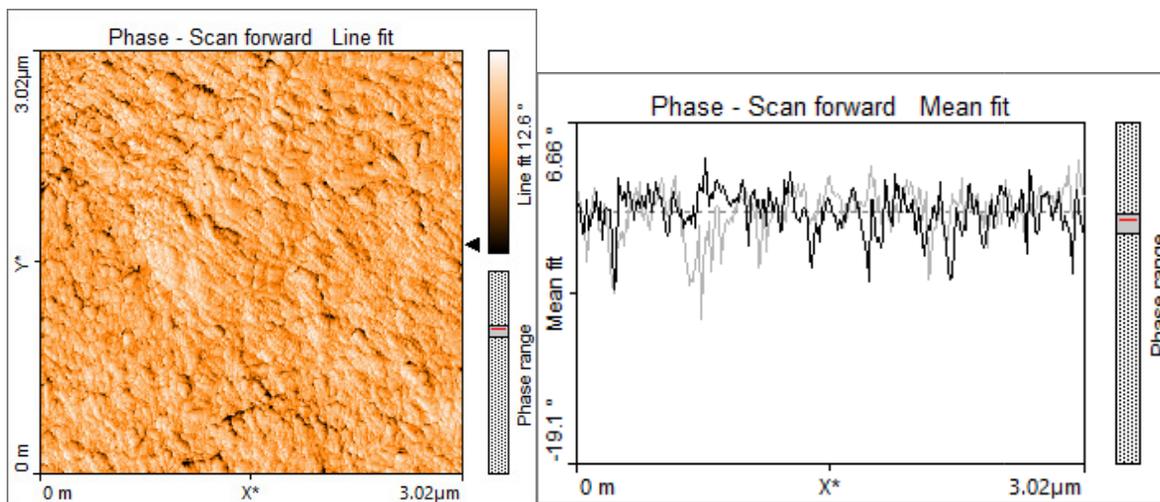


Deposition important materials (eg. Cd on Copper for production of ^{111}In , for RMC)

- On request from RMC to deposit Cd on copper substrate to generate ^{111}In using medical cyclotron
- Physical method of deposition (CDV, PVD) avoided due to toxicity of cadmium
- Cell designed, fabricated and technique has been developed for deposition of Cd without avoiding the use of cyanide bath



Cd deposition at 100 μm



AFM images showing smooth deposition



Cd deposition at 200 μm