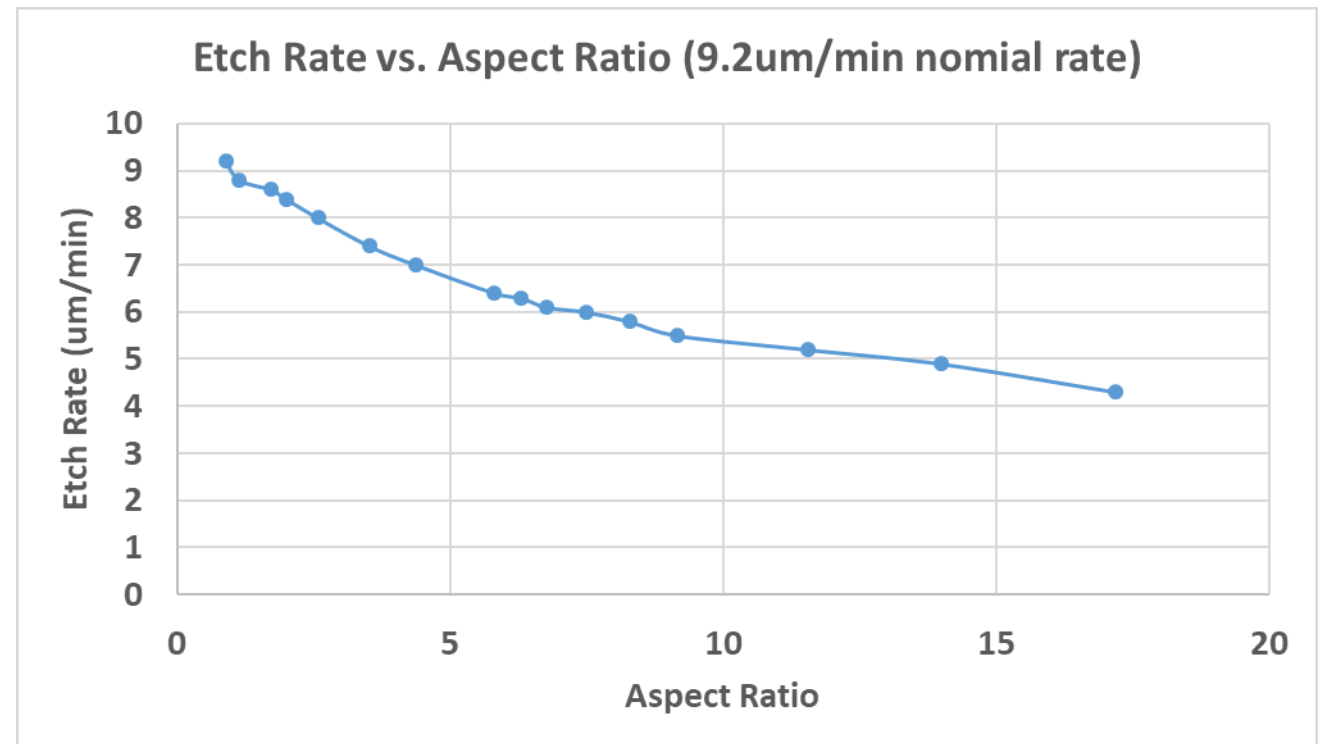


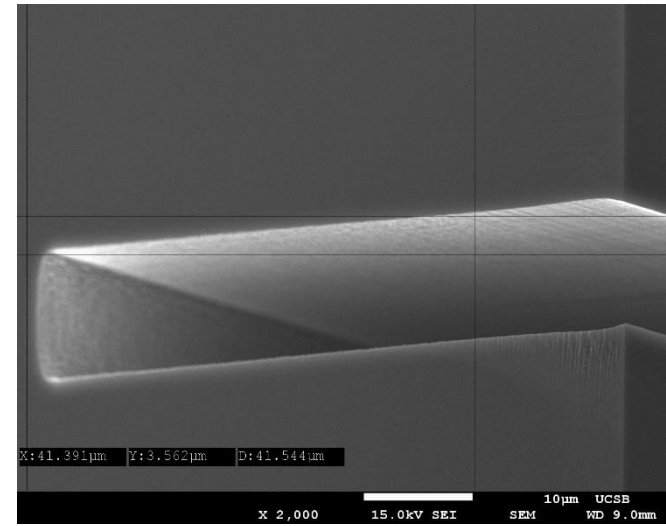
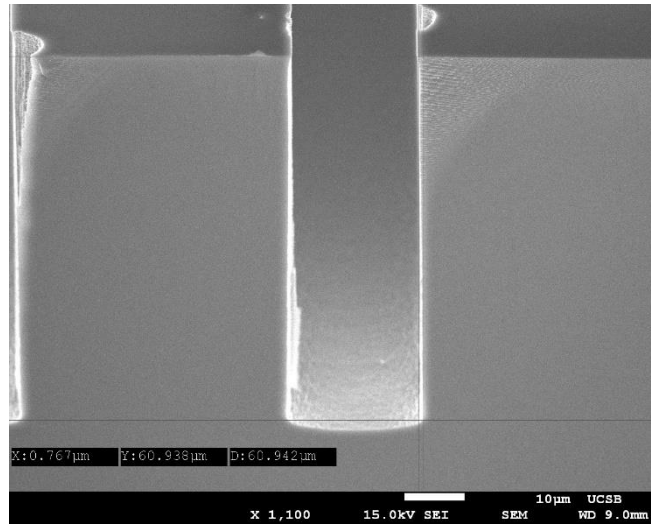
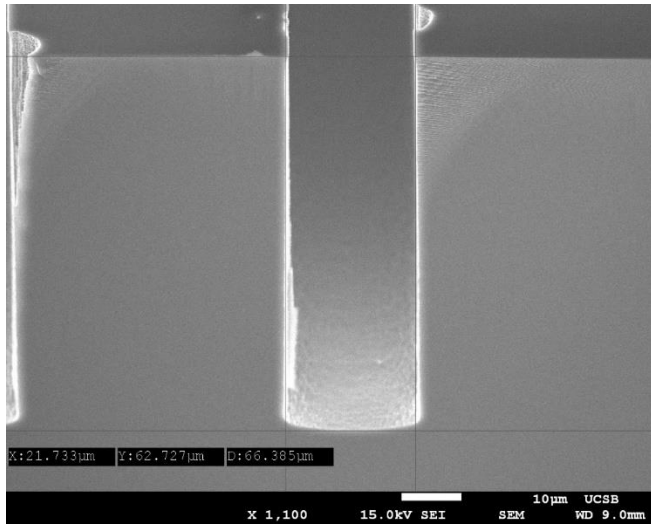


# Aspect Ratio Dependent Etch Rate

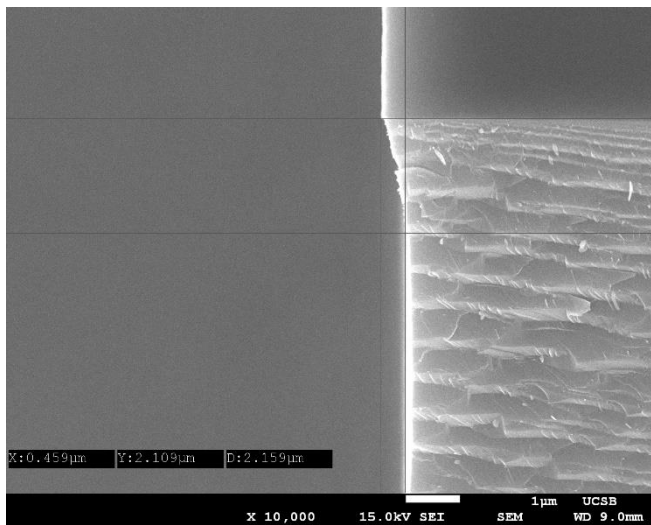
109 Cycles Std DSEIII Process  
10 minutes  
15% Open Area on 4" wafer.  
Rate will lower for larger open area  
~900nm PR etched  
Nominal ER 9.2um/min  
Nominal Selectivity ~100:1 Si:PR



# Etch Profiles



60 degree image: 20um trench: ~72um deep, sidewall angle: 99.6deg.



0.5um undercut at top