



Figure 2. Scanning Electron Microscopy images of  $Ta_2O_5$  thin film formed on 3D structures with AR=13 by Plasma Enhanced Atomic Layer Deposition followed by post-growth wet etch. a) A general view and detailed images of as-grown deposit and structure after post-growth wet etch at b) the top, c) the middle and d) the bottom of the 3D structure. Note the densified film at the first four DRIE-characteristic undulated sidewalls of 3D structure in b).

