

Figure 1: SEM micrograph of an yttrium oxide film deposited in vias with a 20:1 aspect ratio.

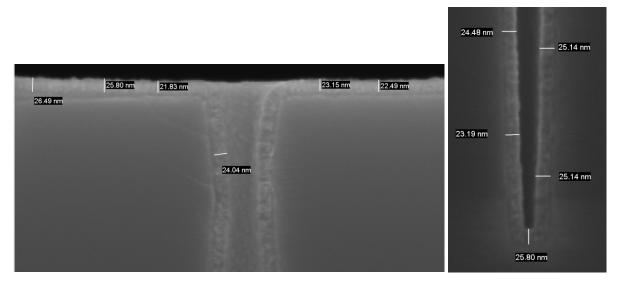


Figure 2a (left) and 2b(right): higher magnification SEM micrographs of the same yttrium oxide film deposited near the via opening, and outside the via (left); and of the same yttrium oxide film deposited near the via bottom (right).