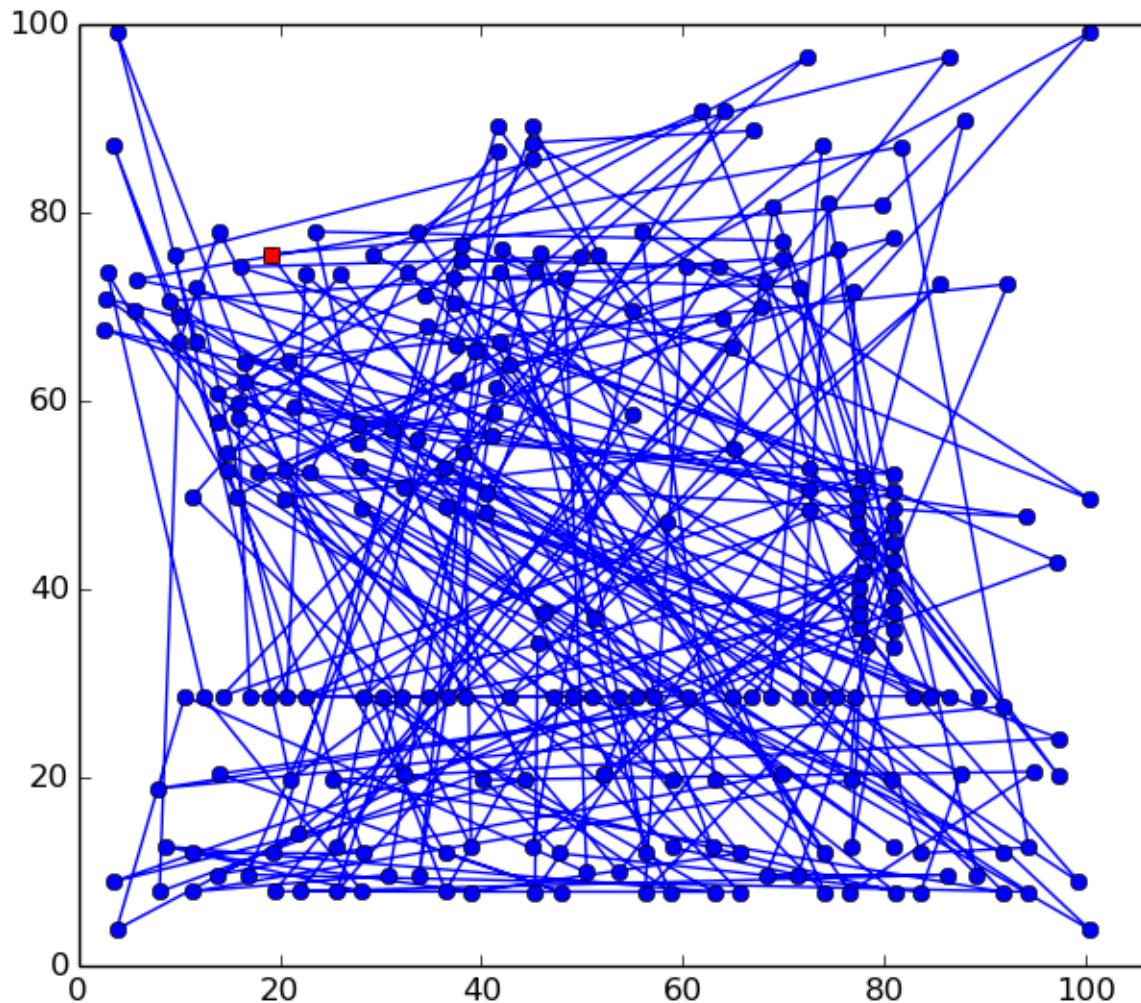
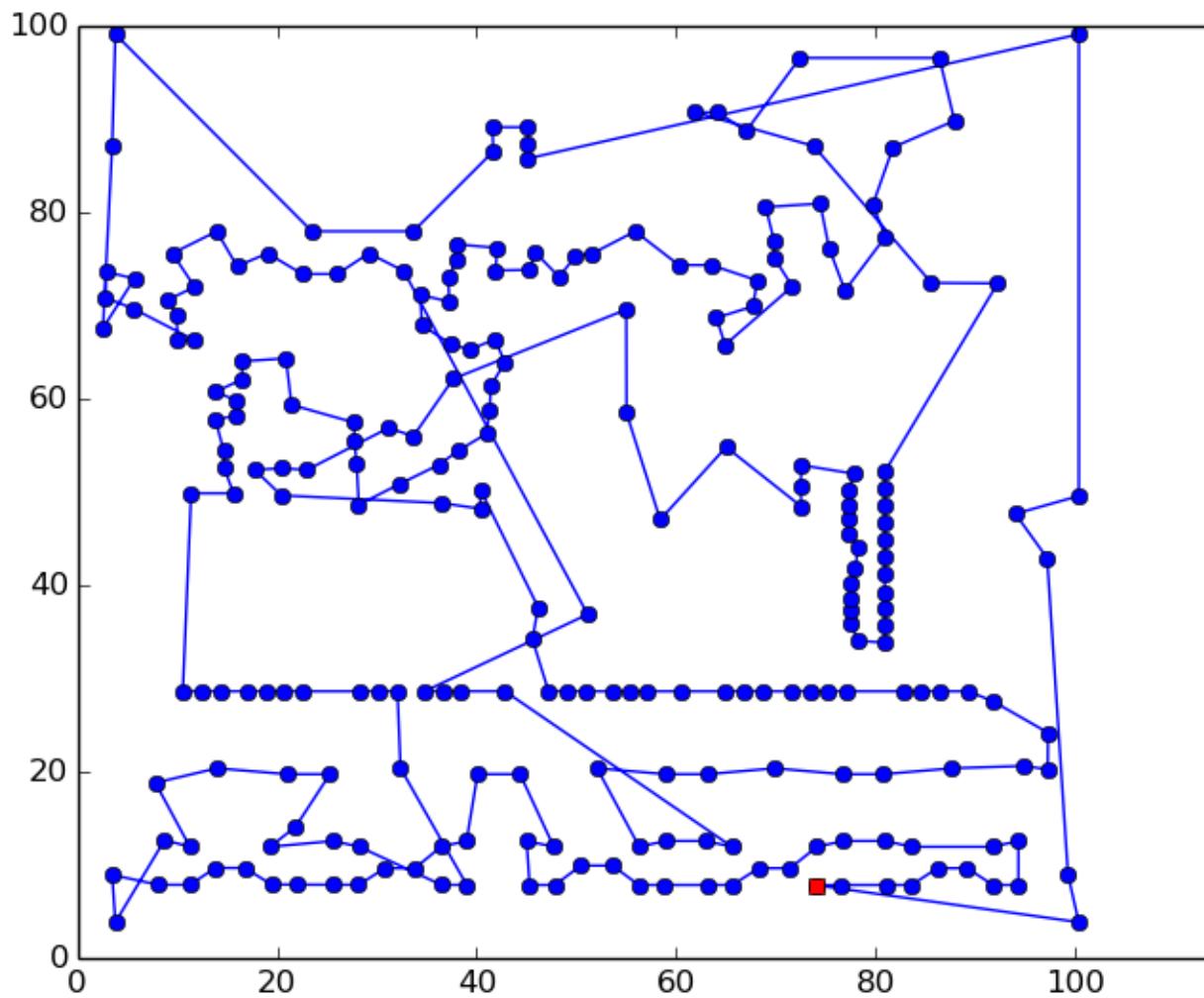


# PCB Analysis

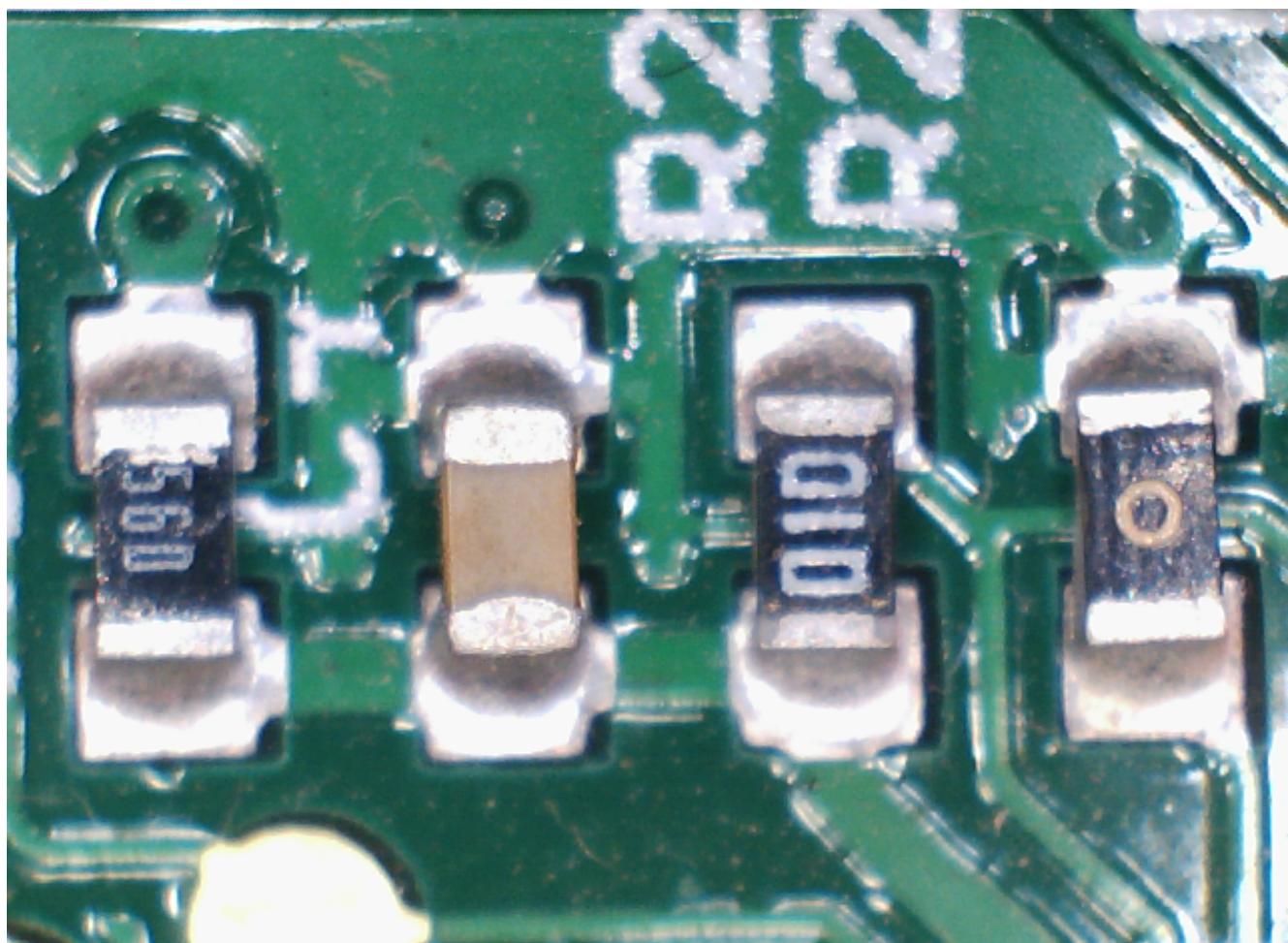
July 19, 2014

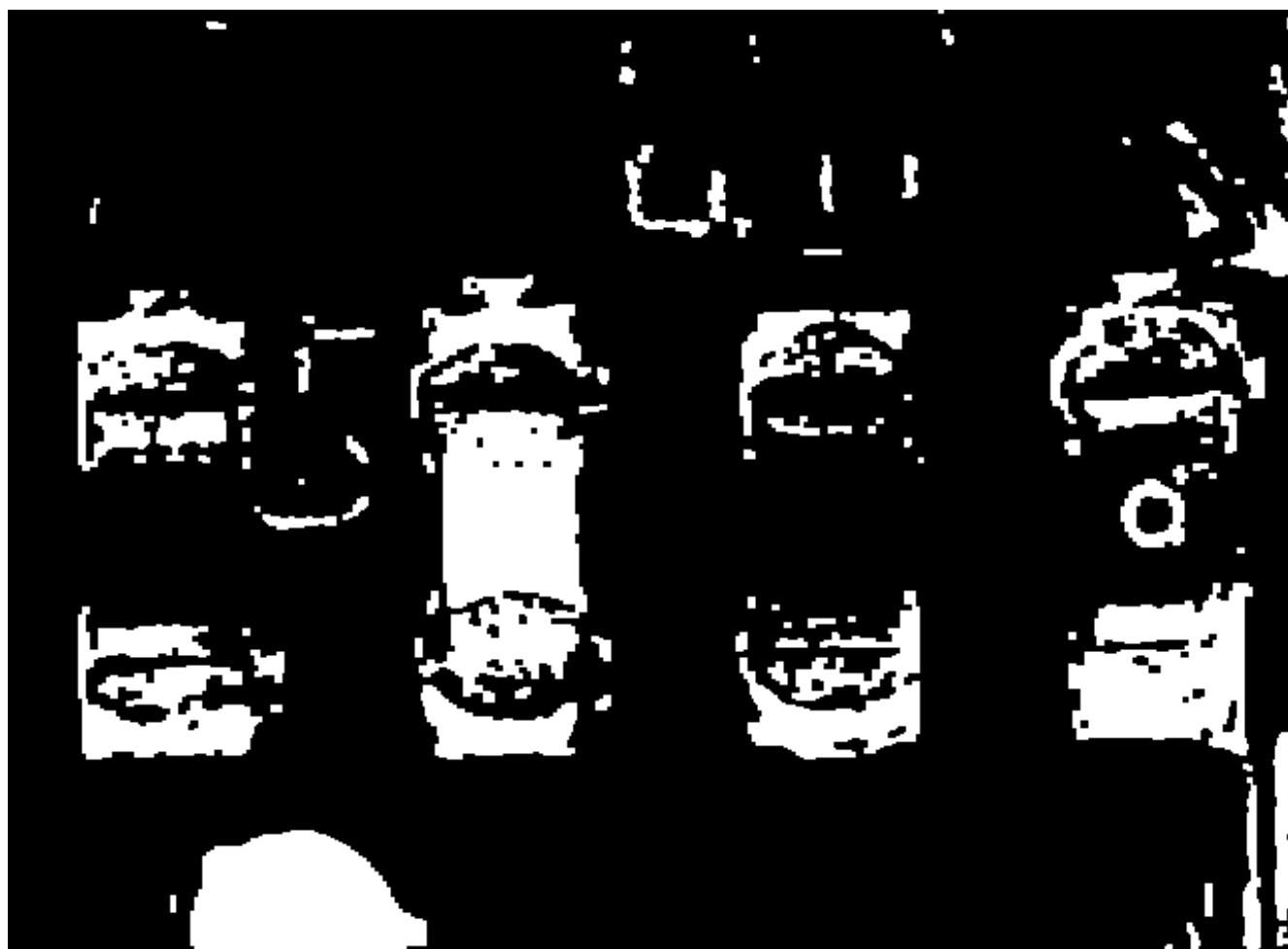
# 1 Printer Path

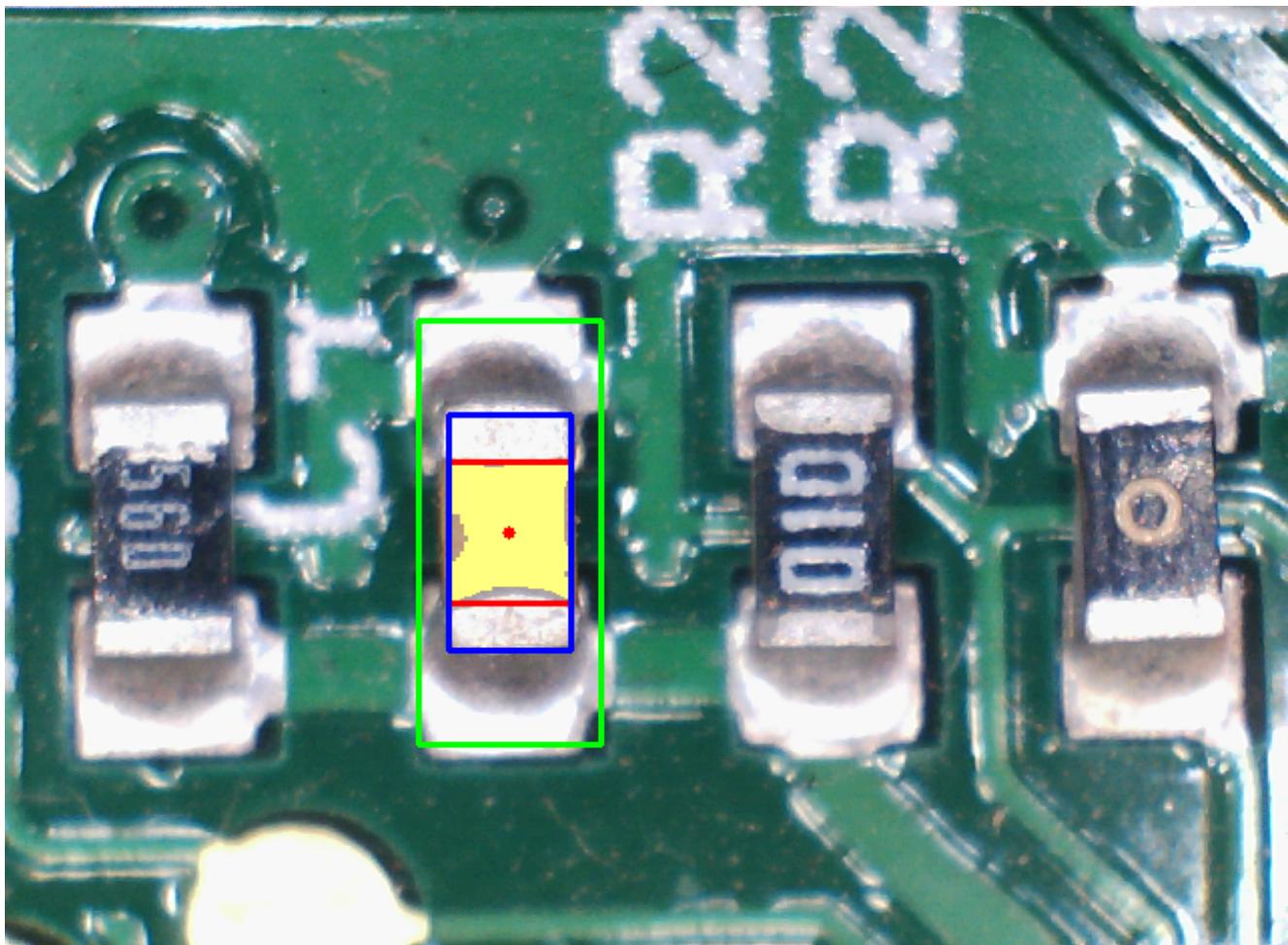




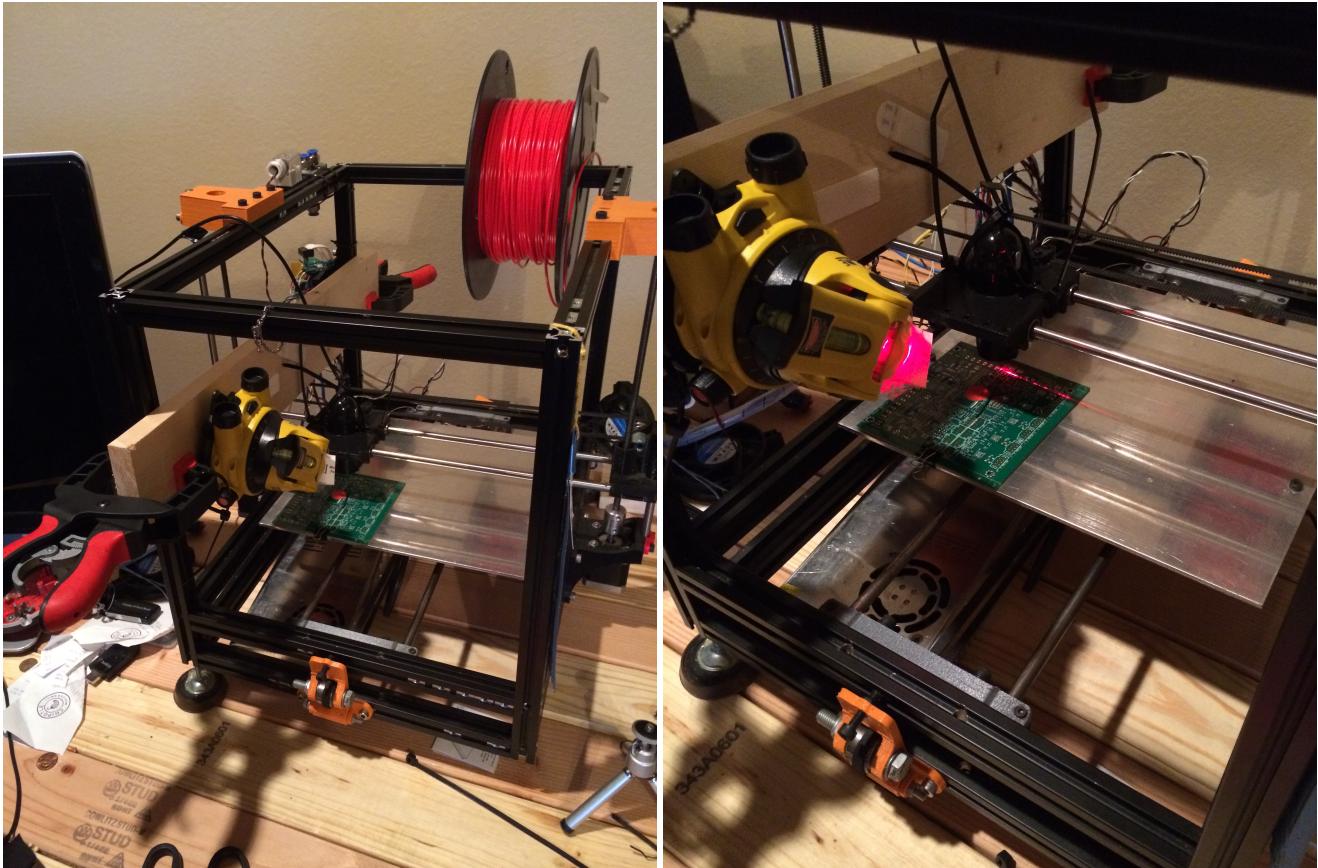
## 2 Chip Analysis Setup

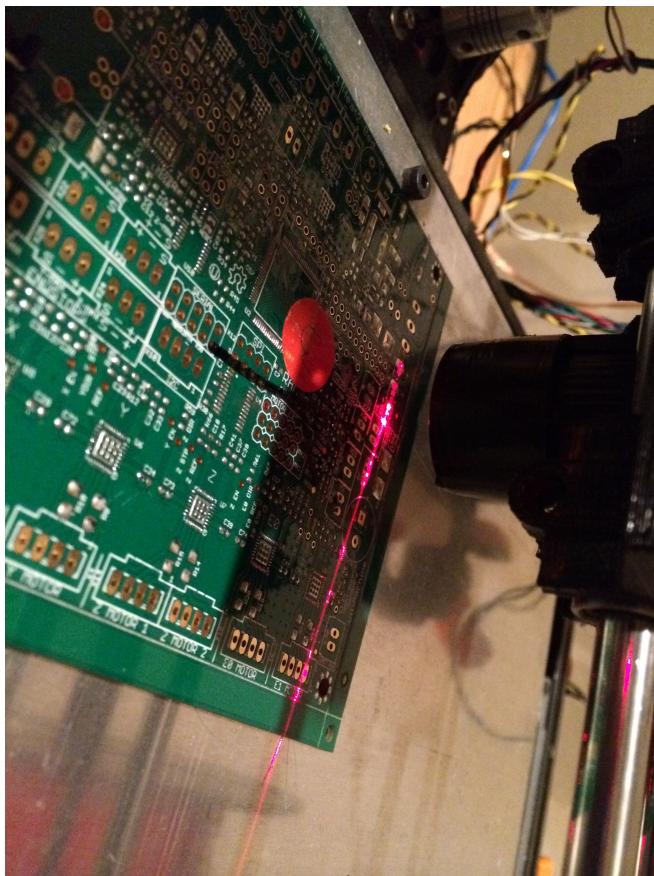


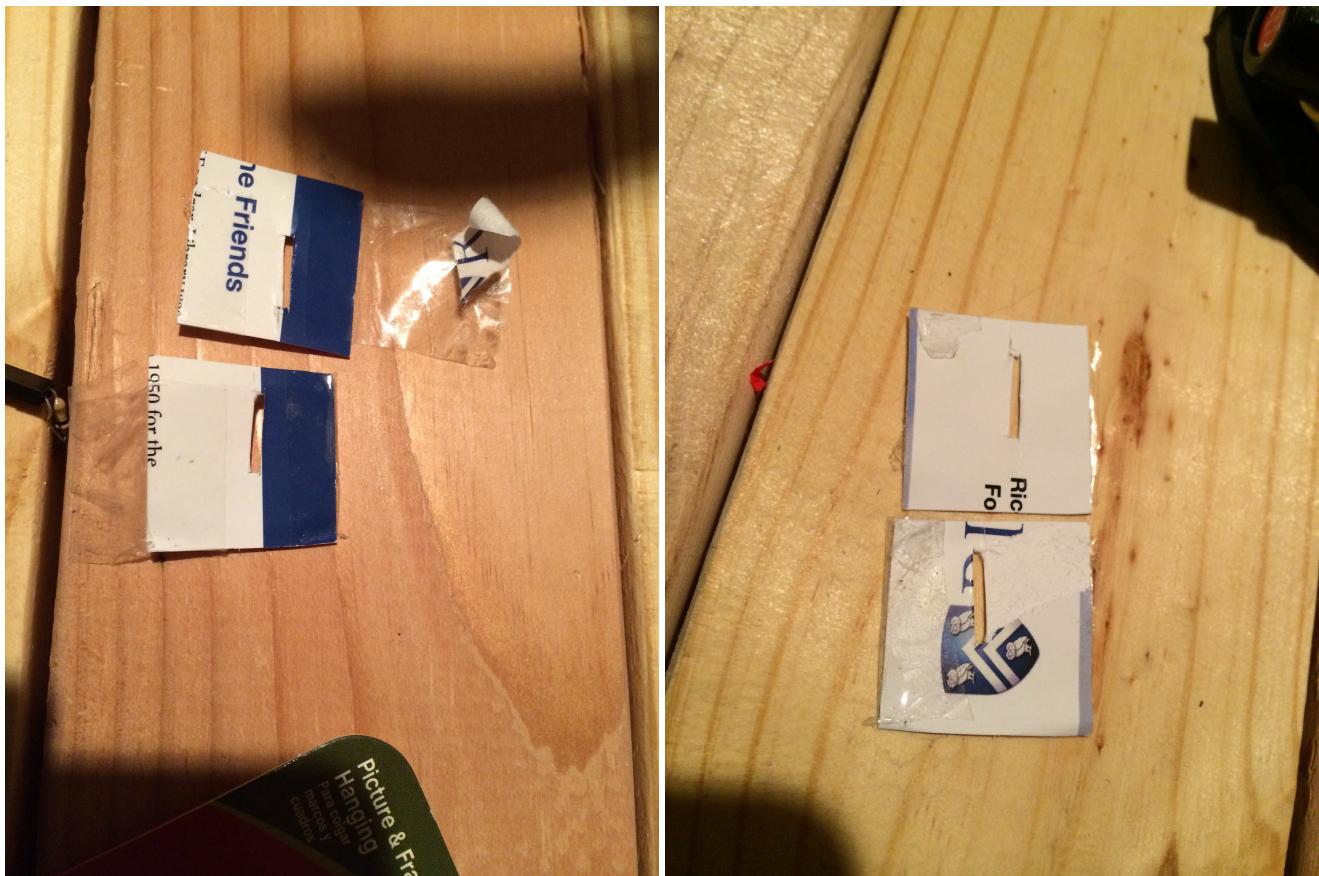




### 3 Volume Analysis Setup

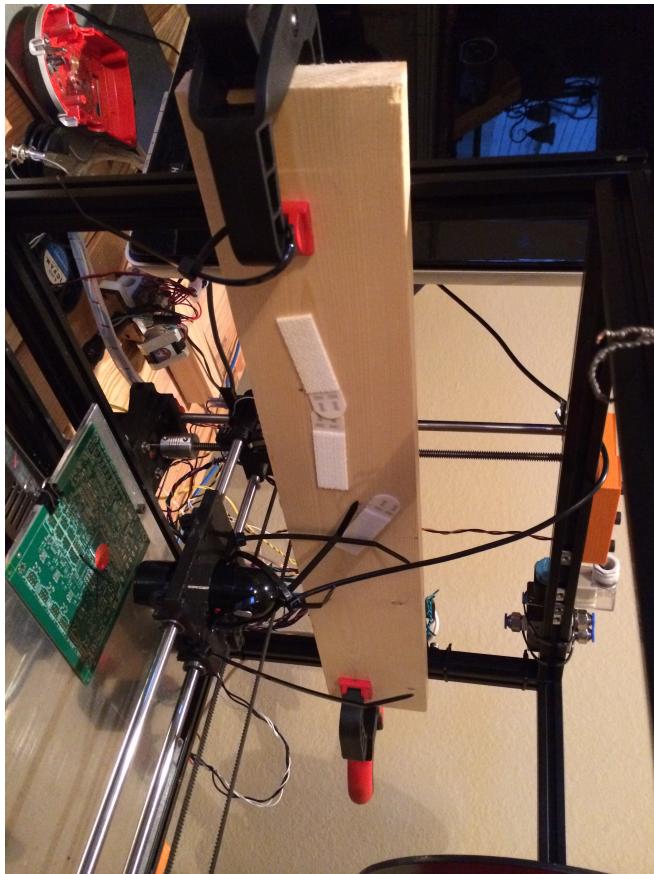


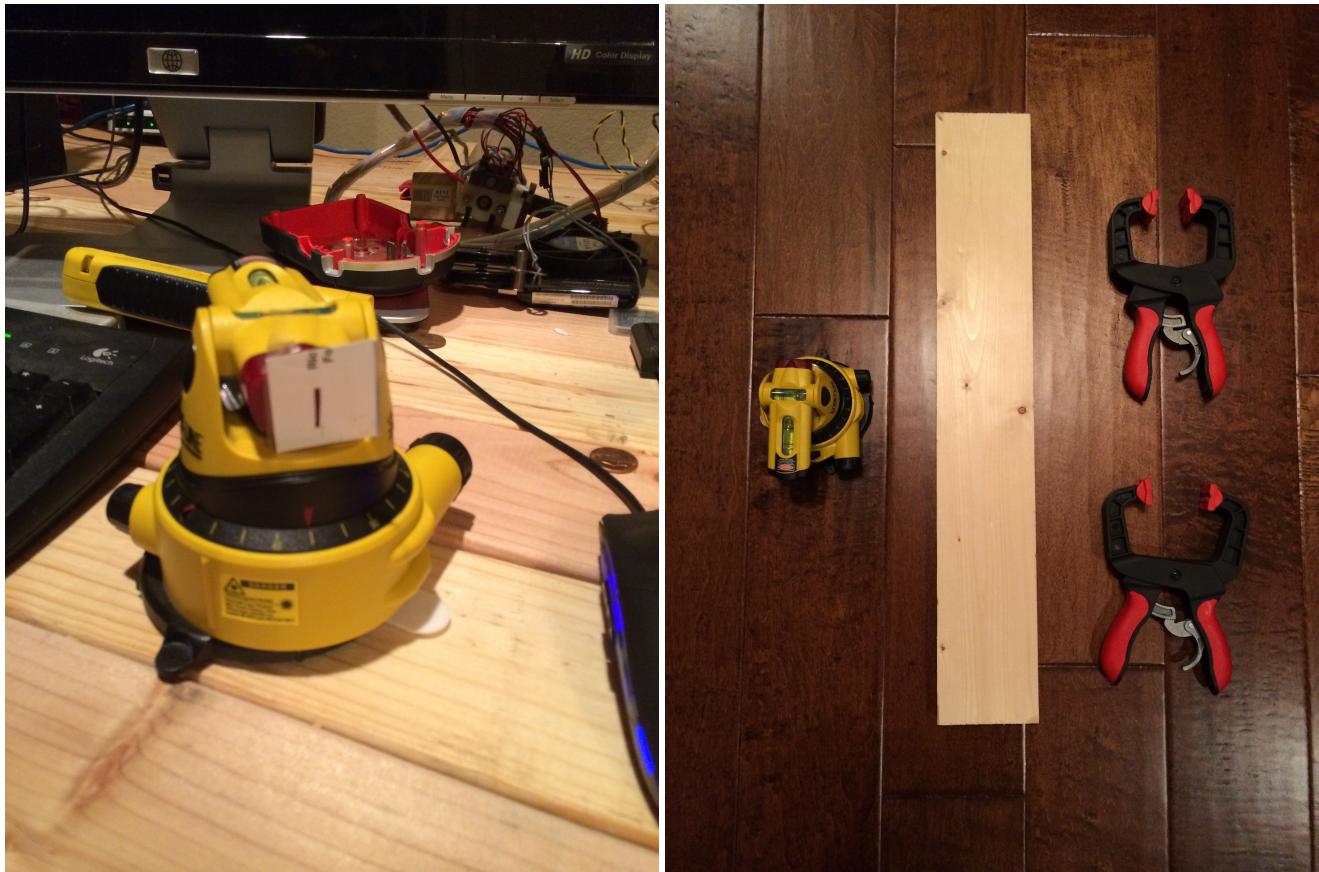


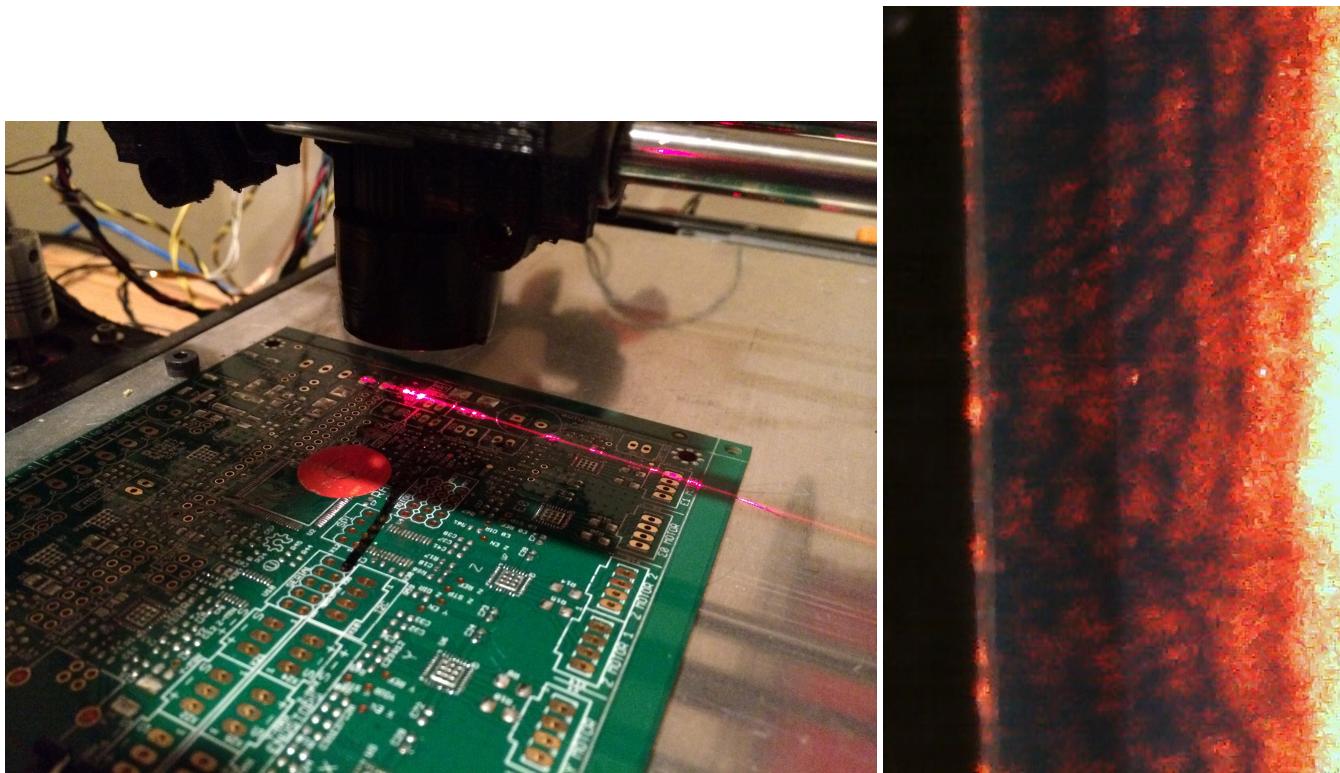




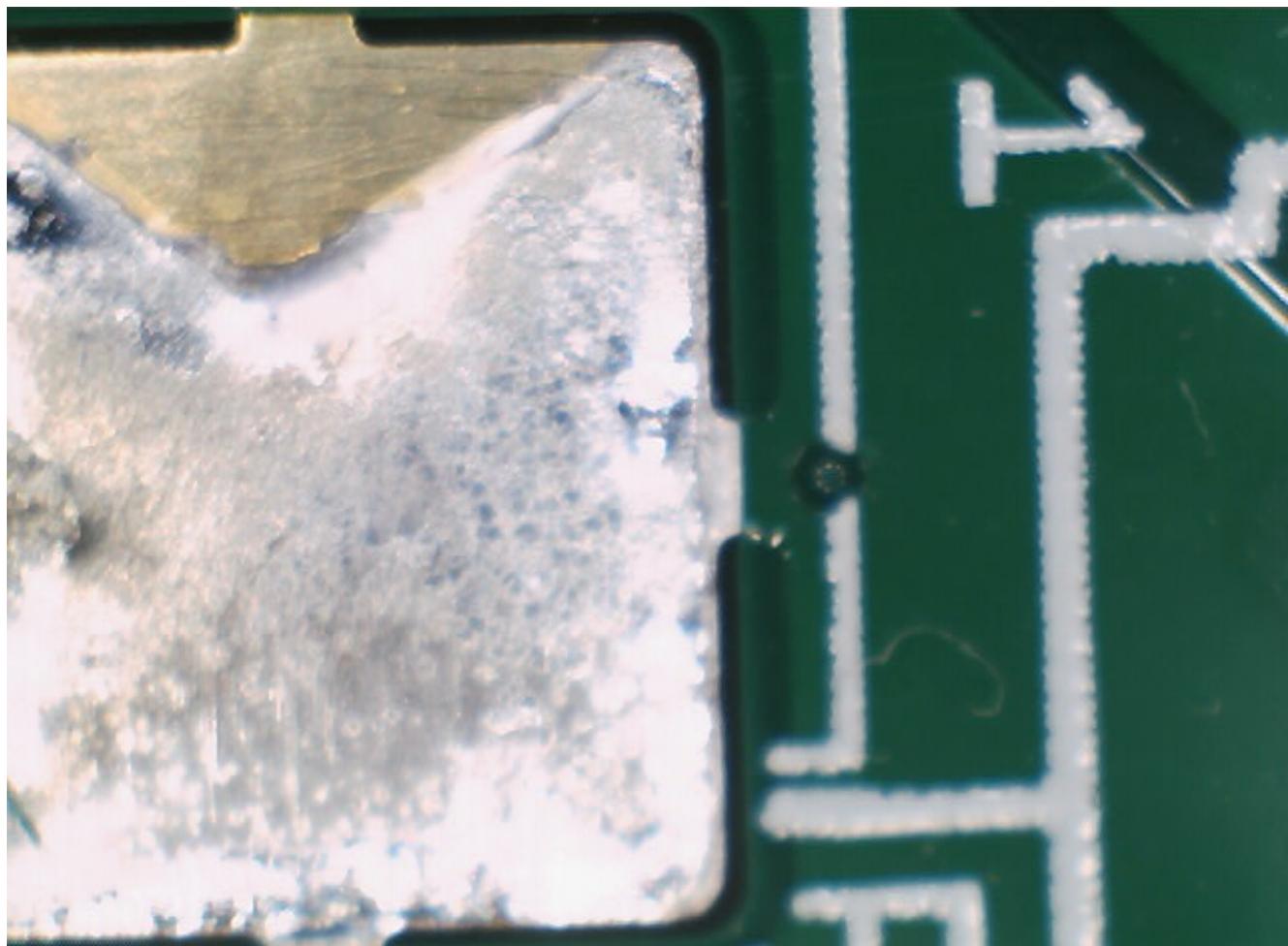


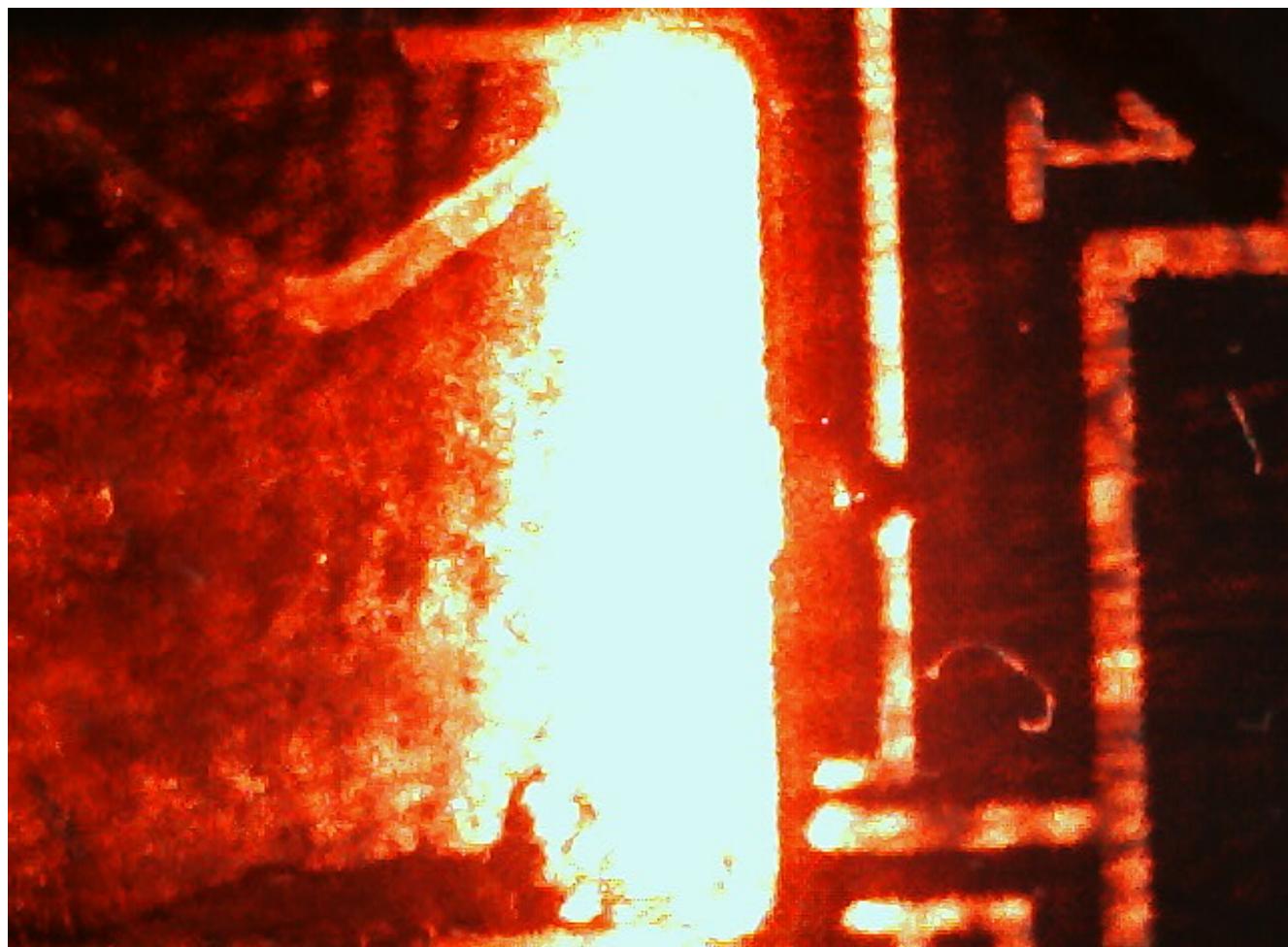


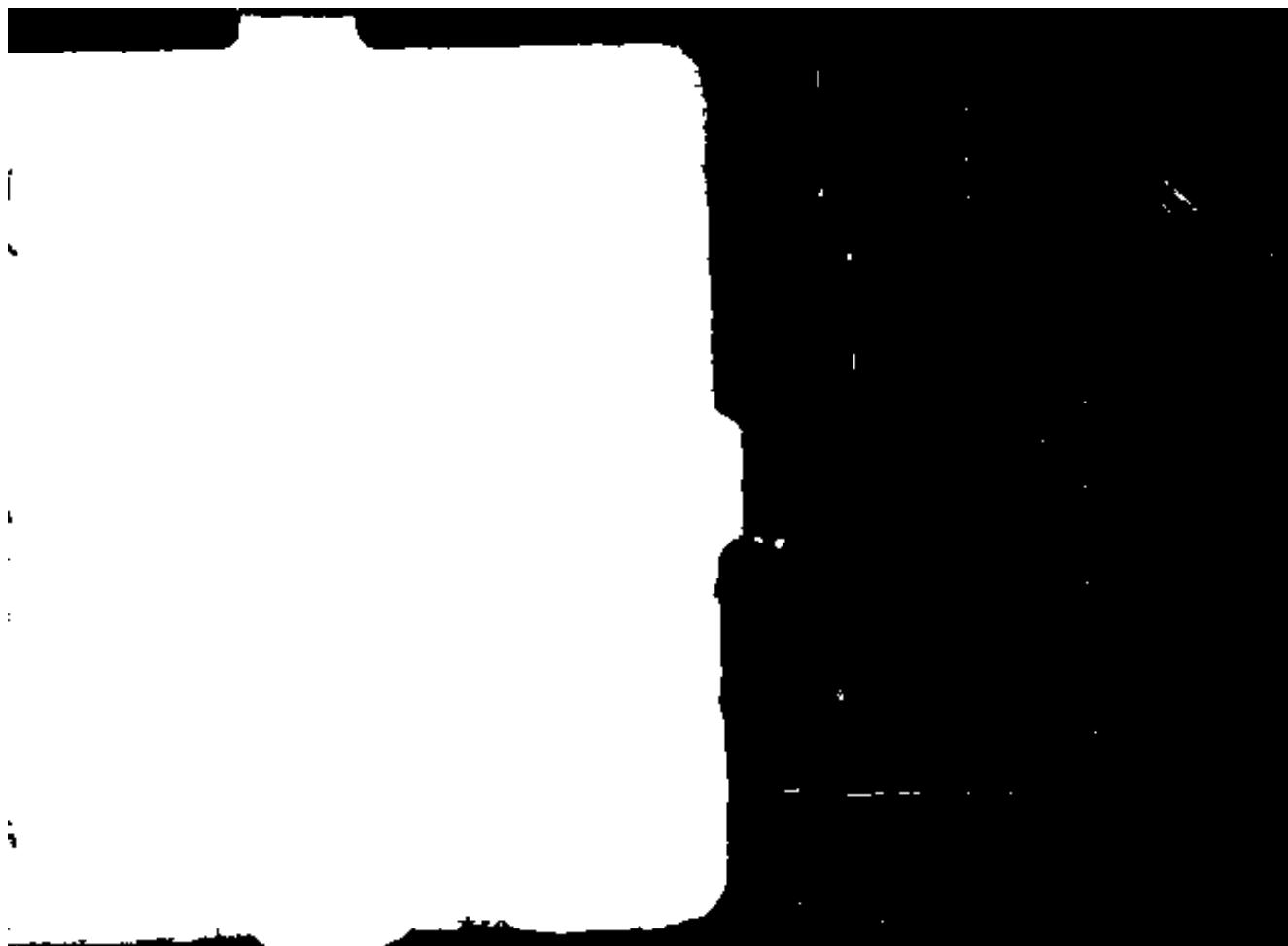




## 4 Volume Image Processing





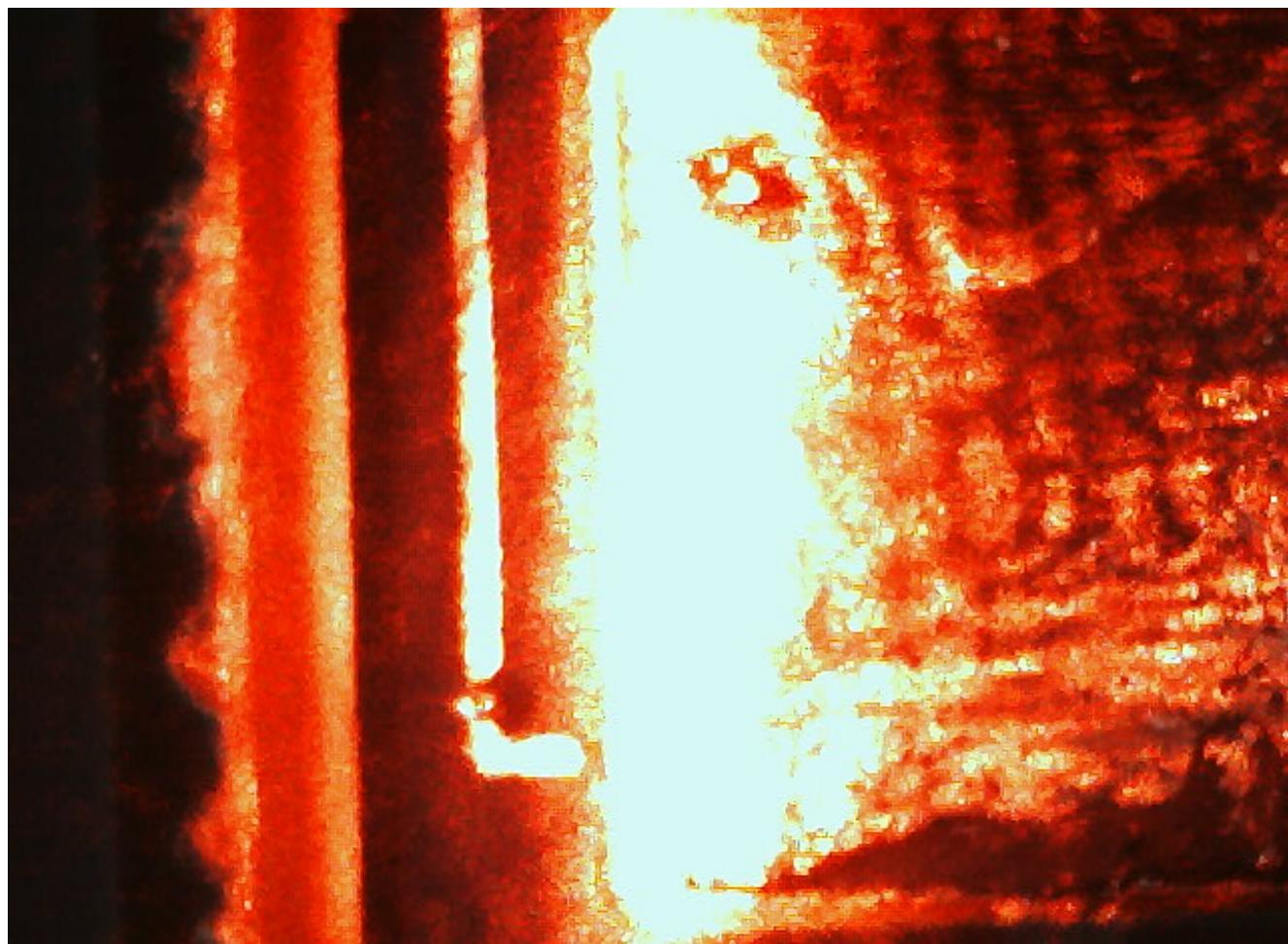






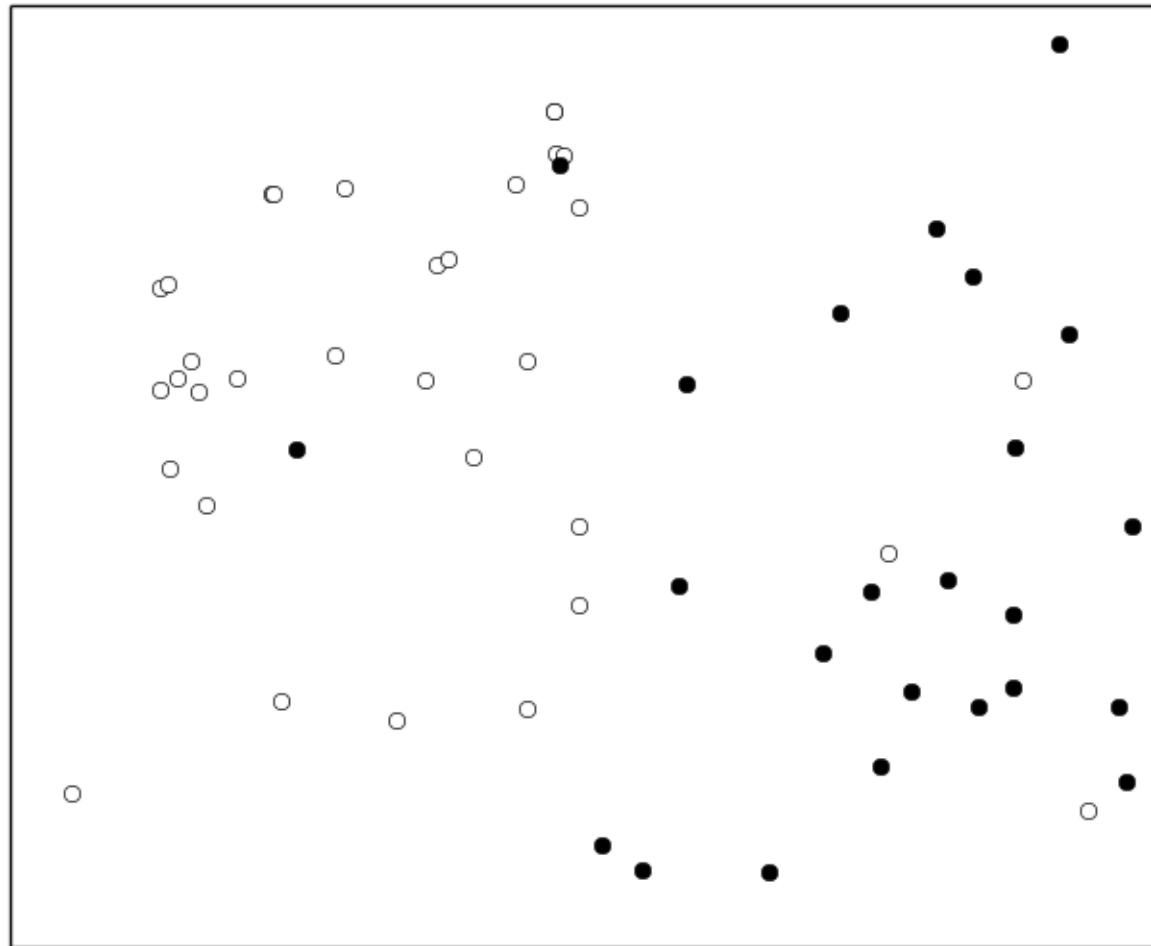
## 5 Volume Results







## 6 Classification



Linear:  $u^T v$

RBF:  $\exp(-\gamma|u-v|^2)$

Poly:  $(\gamma u^T v + r)^d$

