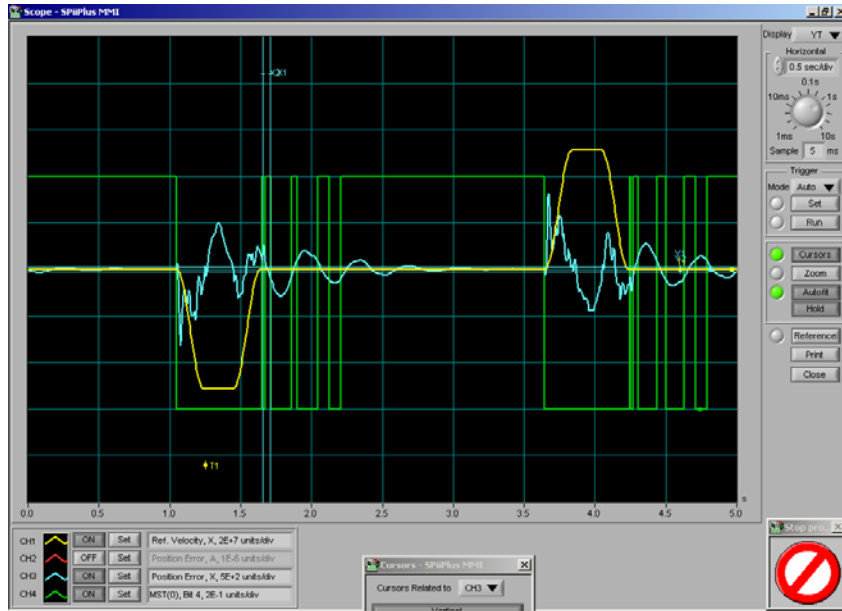
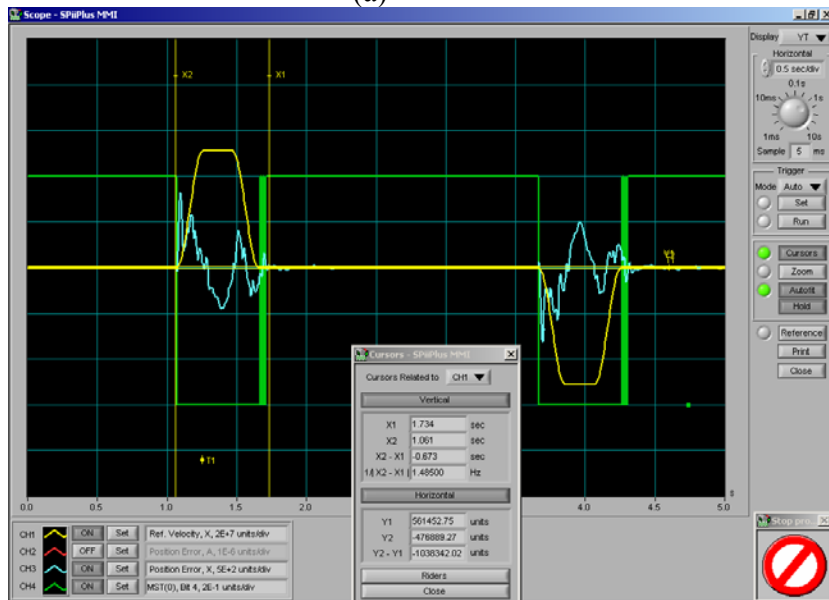


Move and Settle Performance

The figure's (a) portion shows the move and settle performance of a large gantry stage with standard PIV control. The (b) view shows move and settle performance of the large gantry stage using a disturbance rejection algorithm. The figure shows the velocity profile (yellow), the position error (blue) and the "in-position" bit (green) with and without a disturbance rejection algorithm.



(a)



(b)