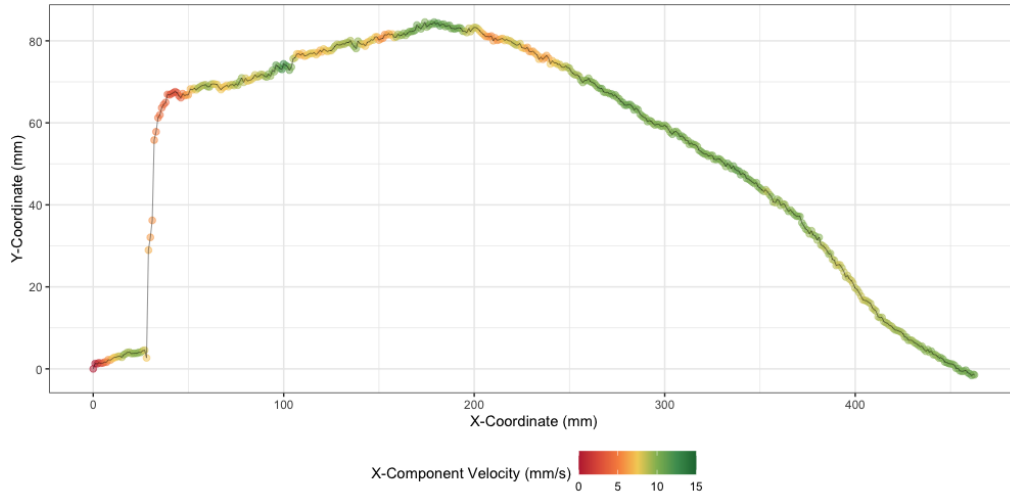# Appendix K

Figure K.1: Representative end effector journey through Auto 1 z-direction scan path x-y coordinates frame with instantaneous velocity at mm intervals.
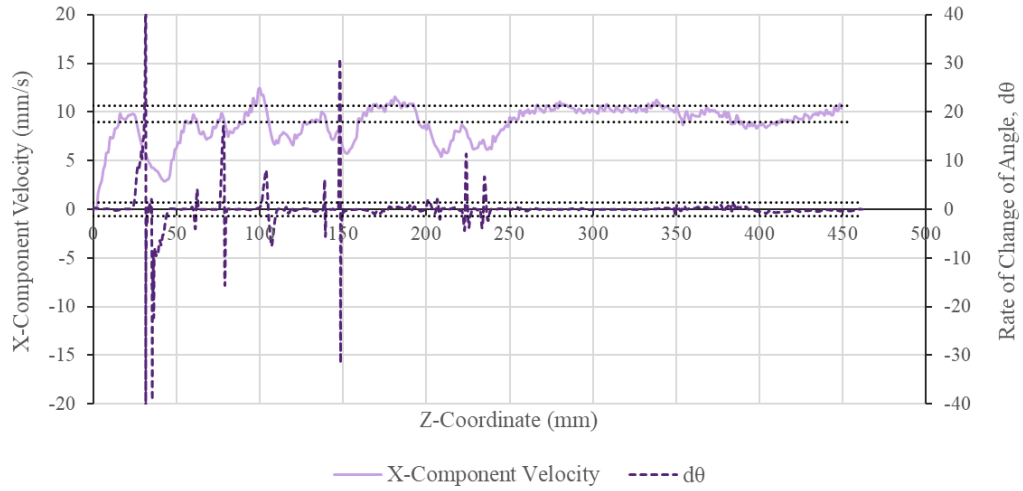

Figure K.2: Representative velocity and dθ for a scan path along the z-axis of component Auto 1 with applied thresholds.
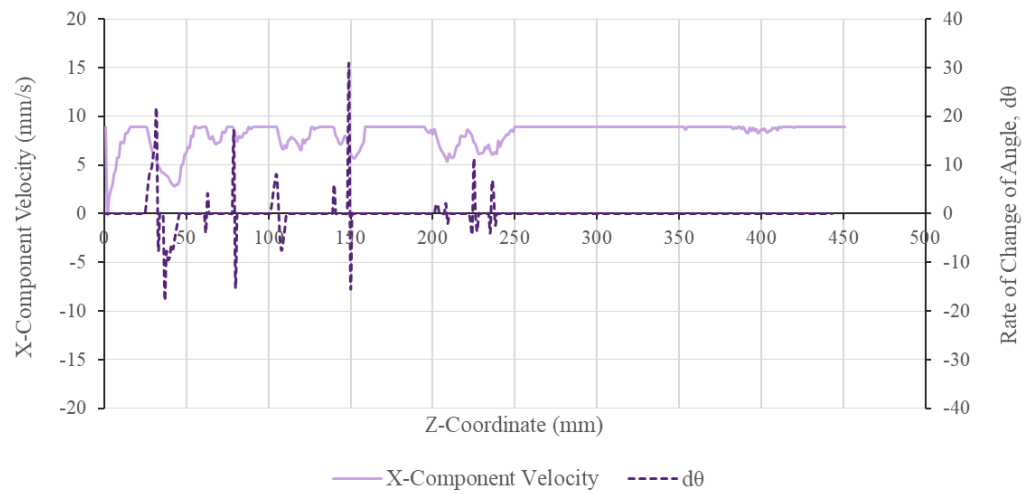

Figure K.3: Representative velocity and dθ for a scan path along the z-axis of component Auto 1 after data processing using thresholds.
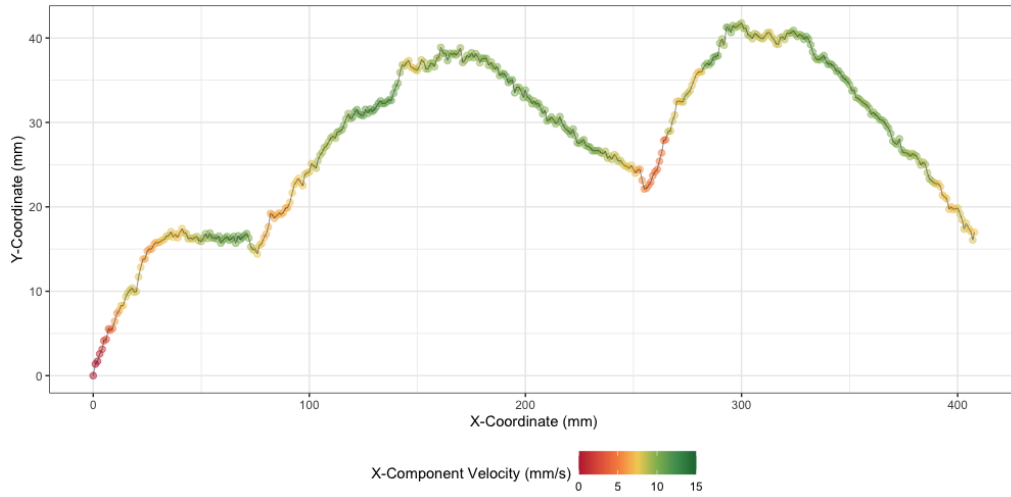
Figure K.4: Representative end effector journey through Auto 2 z-direction scan path x-y coordinates frame with instantaneous velocity at mm intervals.
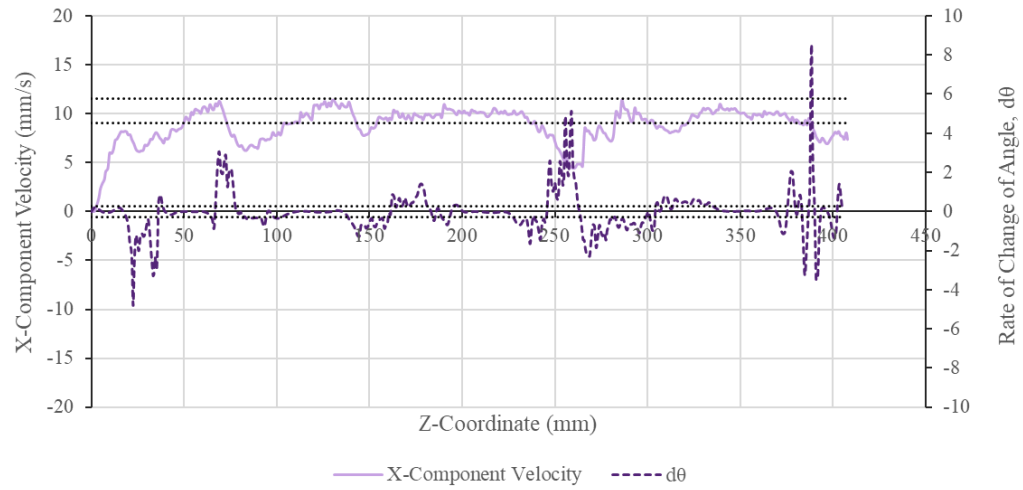

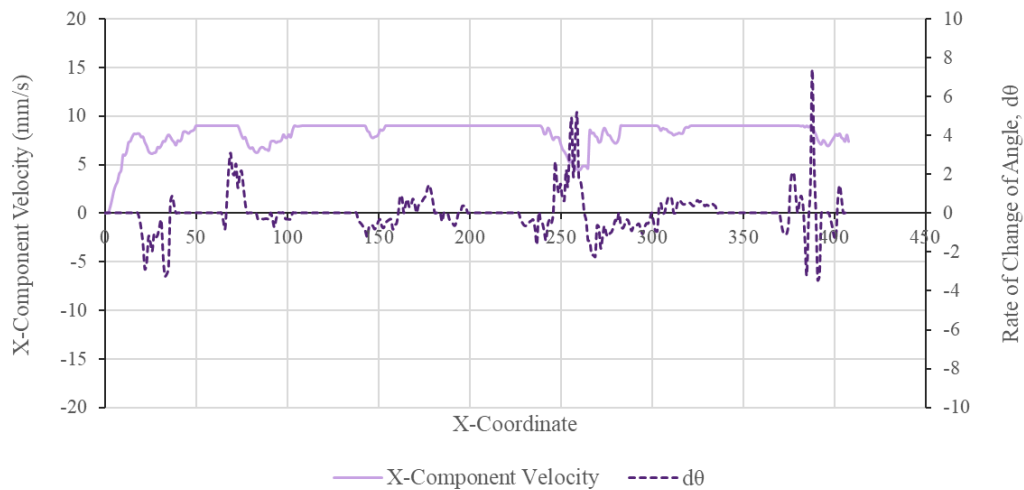*Figure K.5: Representative velocity and dθ for a scan path along the z-axis of component Auto 2 with applied thresholds.*

Figure K.6: Representative velocity and dθ for a scan path along the z-axis of component Auto 2 after data processing using thresholds.