Robot Trajectory with the Synthesized Controller for Trial 26 from t = 20 to t = 506.0 -Trajectory Sensor Estimated Location for Obstacle 1 5.5 Sensor Estimated Location for Obstacle 2 Obstacle Location 1 5.0 Obstacle Location 2 4.5 4.0 3.5 3.0 2.5 3.0 5.0 2.5 3.5 4.0 4.5 5.5