Bounce Location Comparison (default, 1/2) Ground Truth Bounce Location **EKF Bounce Location** EKF Confidence Ellipse 1.0 PF Bounce Location PF Confidence Ellipse **IMM Bounce Location** IMM Confidence Ellipse 0.5 Y Position (m) 0.0 -0.5-1.016.0 17.0 15.5 16.5 17.5 X Position (m)