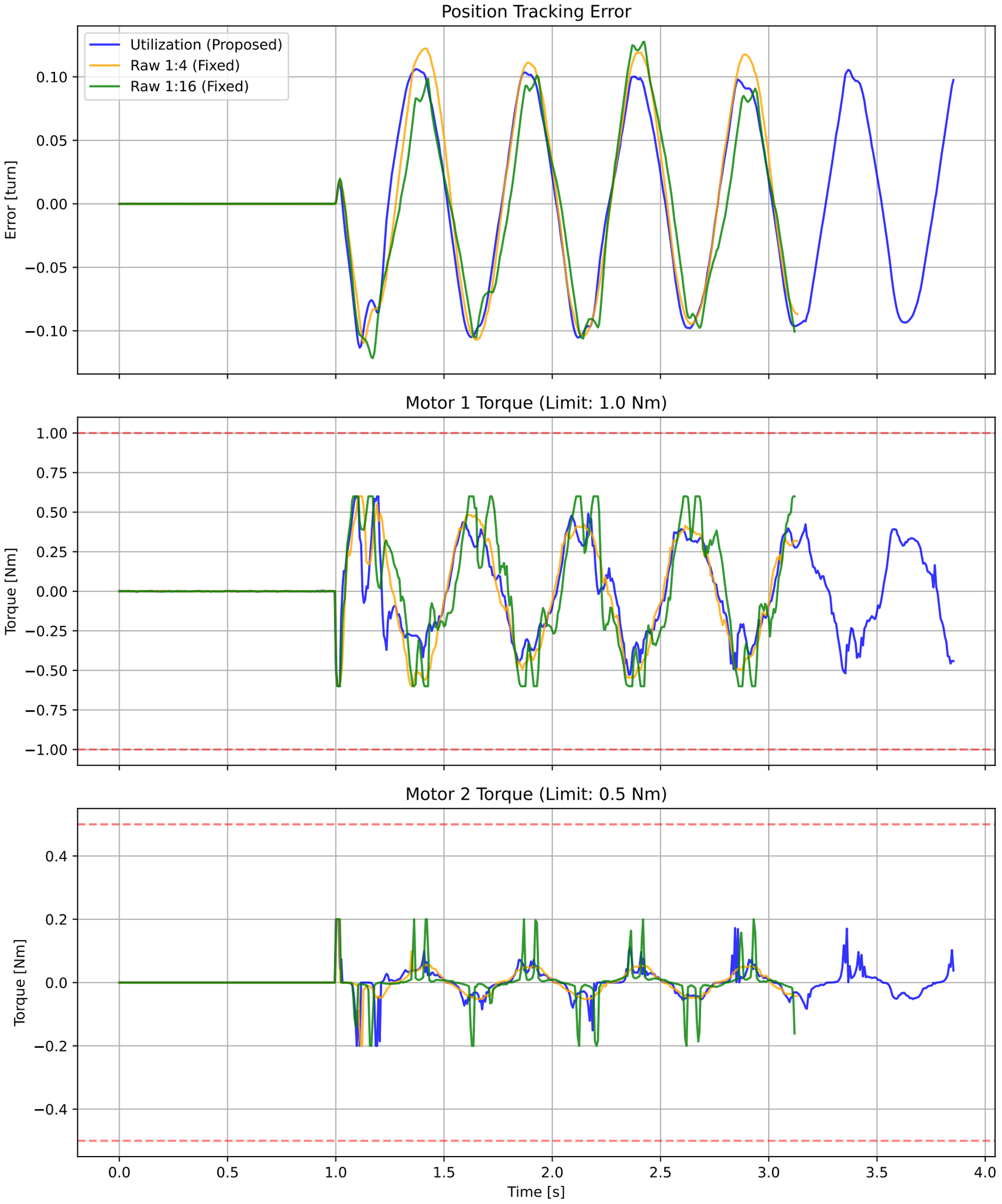
Position Tracking Error
Utilization (Proposed)
Raw 1:4 (Fixed)
Raw 1:16 (Fixed)
Error [turn]
0.10
0.05
0.00
−0.05
−0.10
Motor 1 Torque (Limit: 1.0 Nm)
Torque [Nm]
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
Motor 2 Torque (Limit: 0.5 Nm)
Torque [Nm]
0.4
0.2
0.0
−0.2
−0.4
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Time [s]