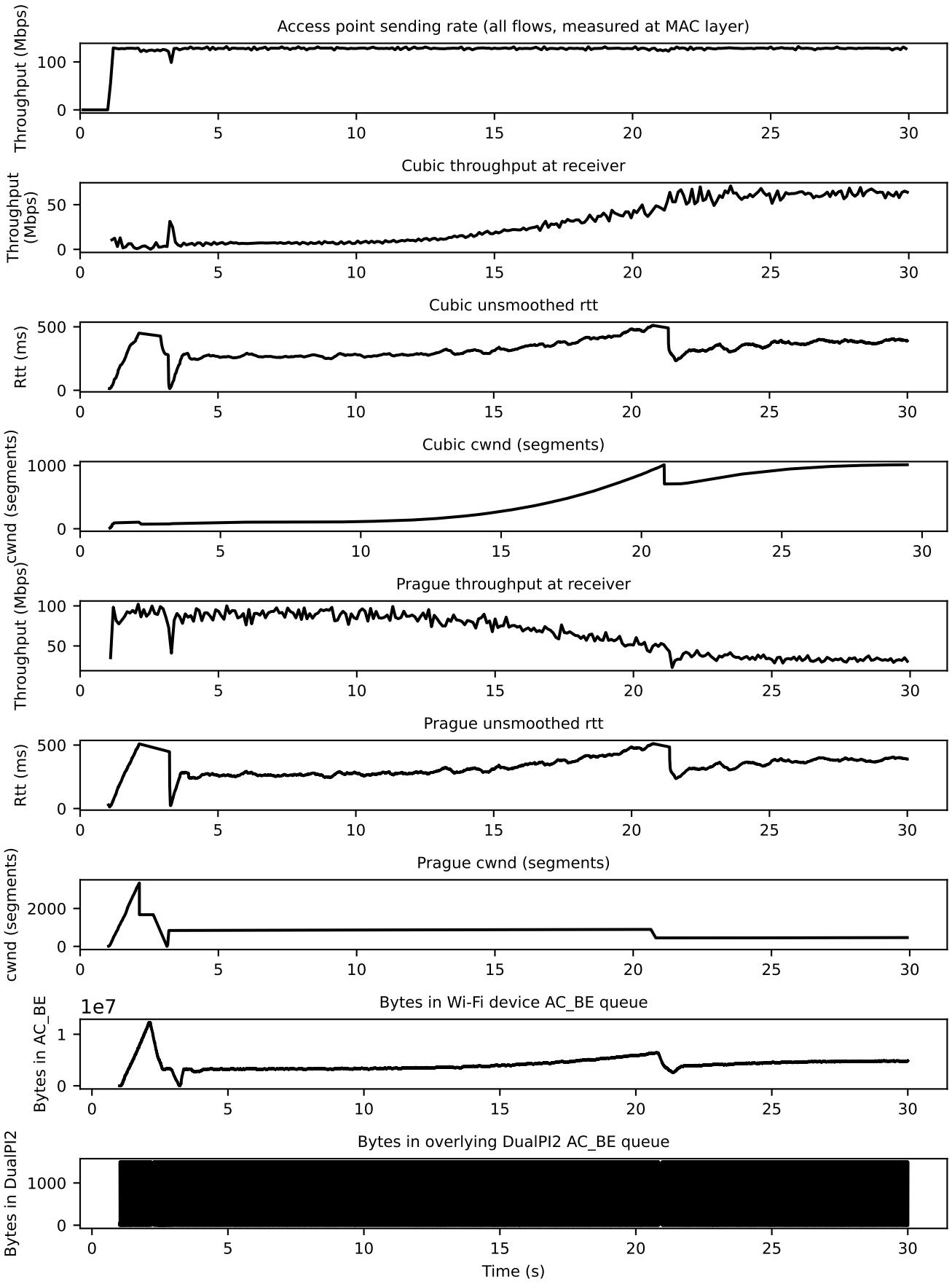Simulation ED2-MS0-AP0-LS1-TC4-TS2