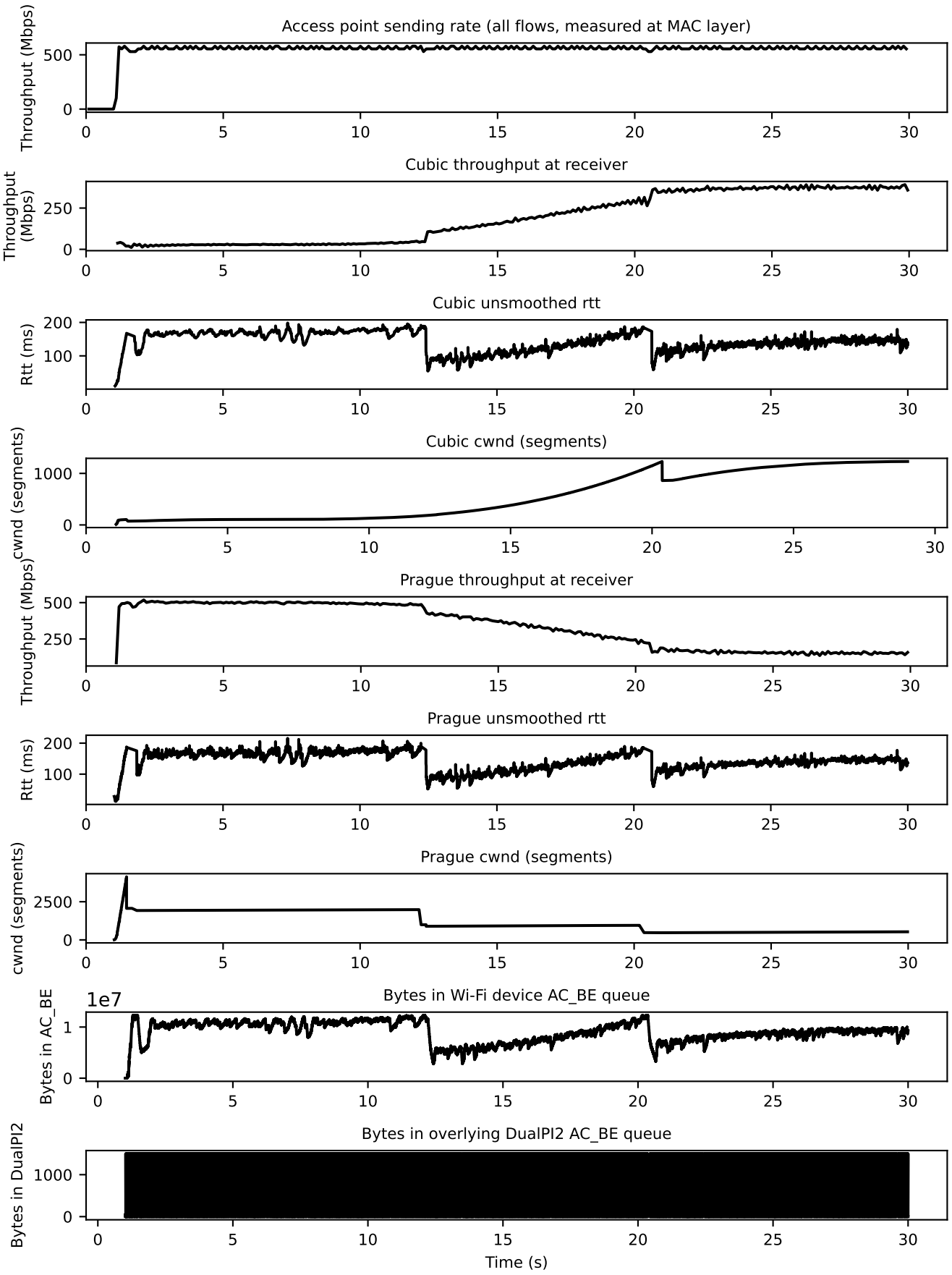Simulation ED1-MS0-AP0-LS2-TC5-TS2