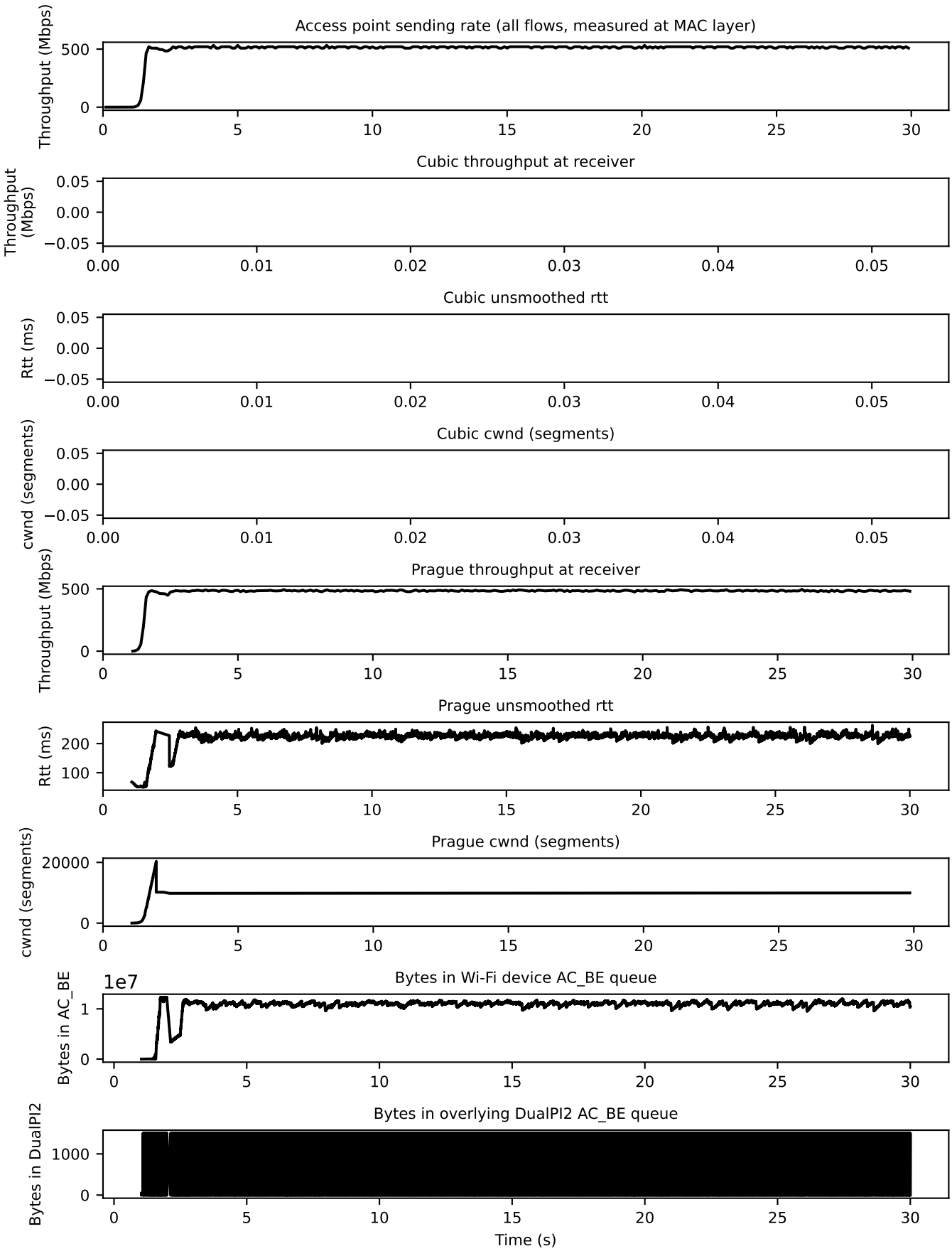Simulation ED2-MS0-AP0-LS2-TC2-TS3