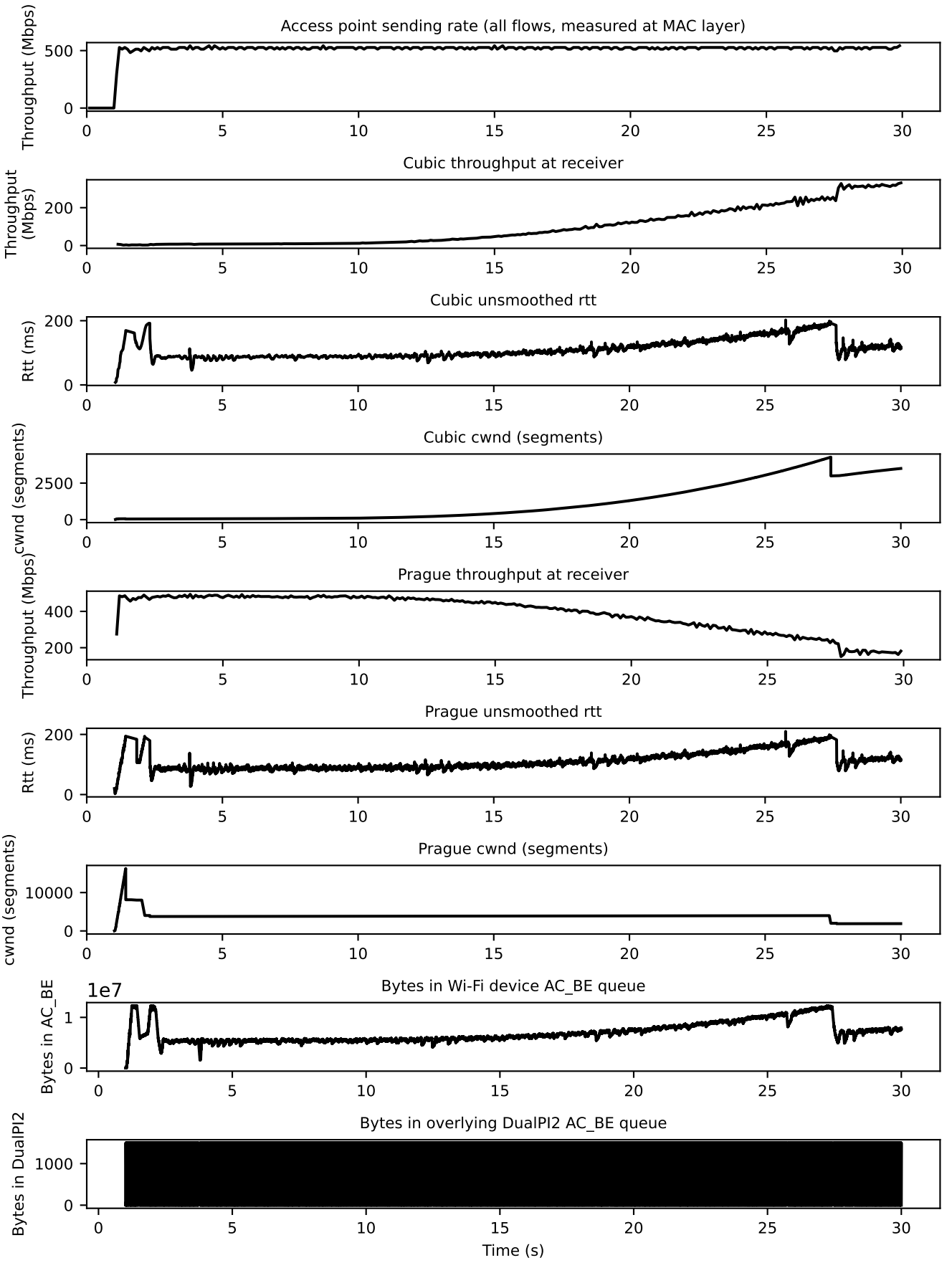Simulation ED0-MS0-AP0-LS2-TC3-TS1