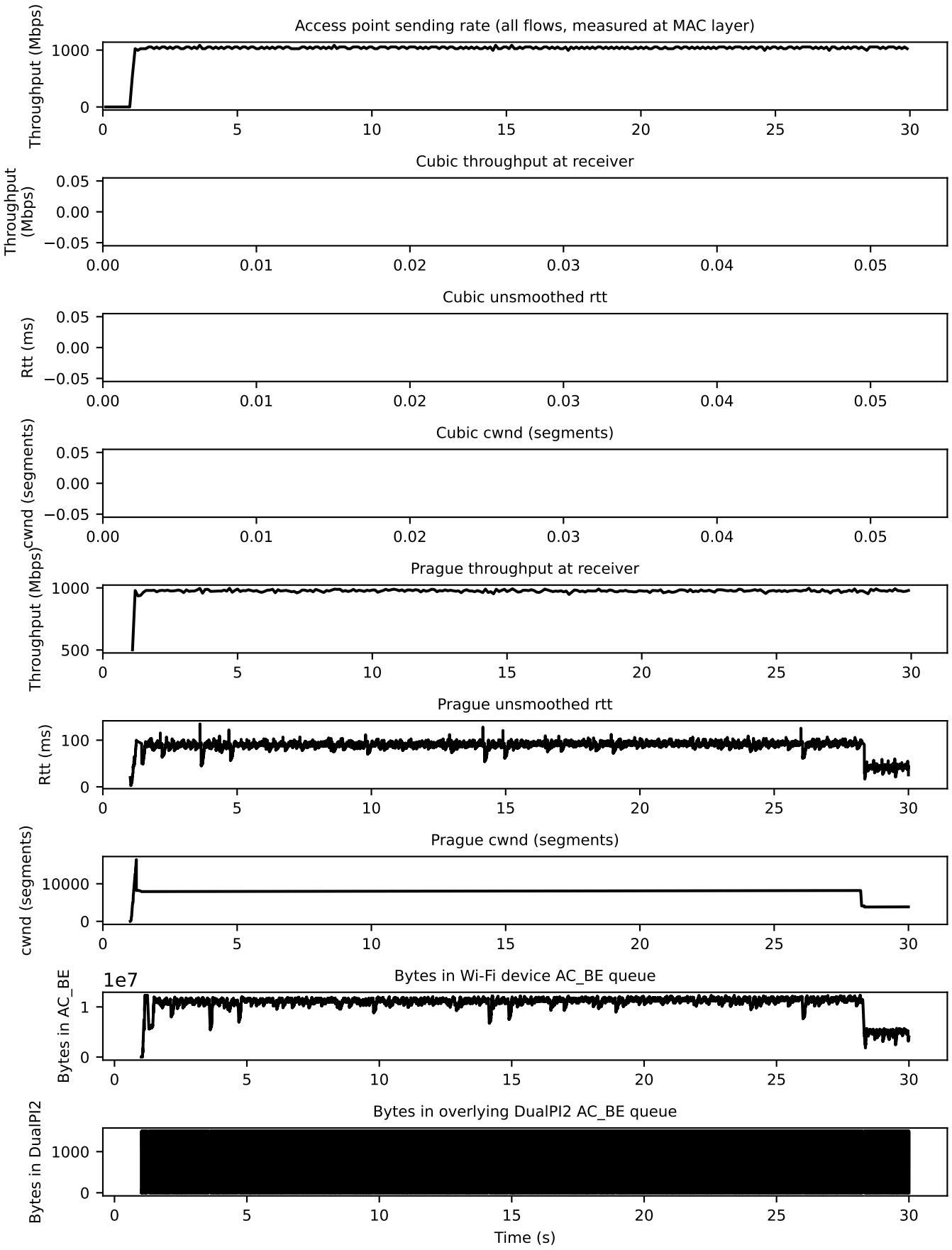Simulation ED0-MS0-AP0-LS3-TC2-TS1