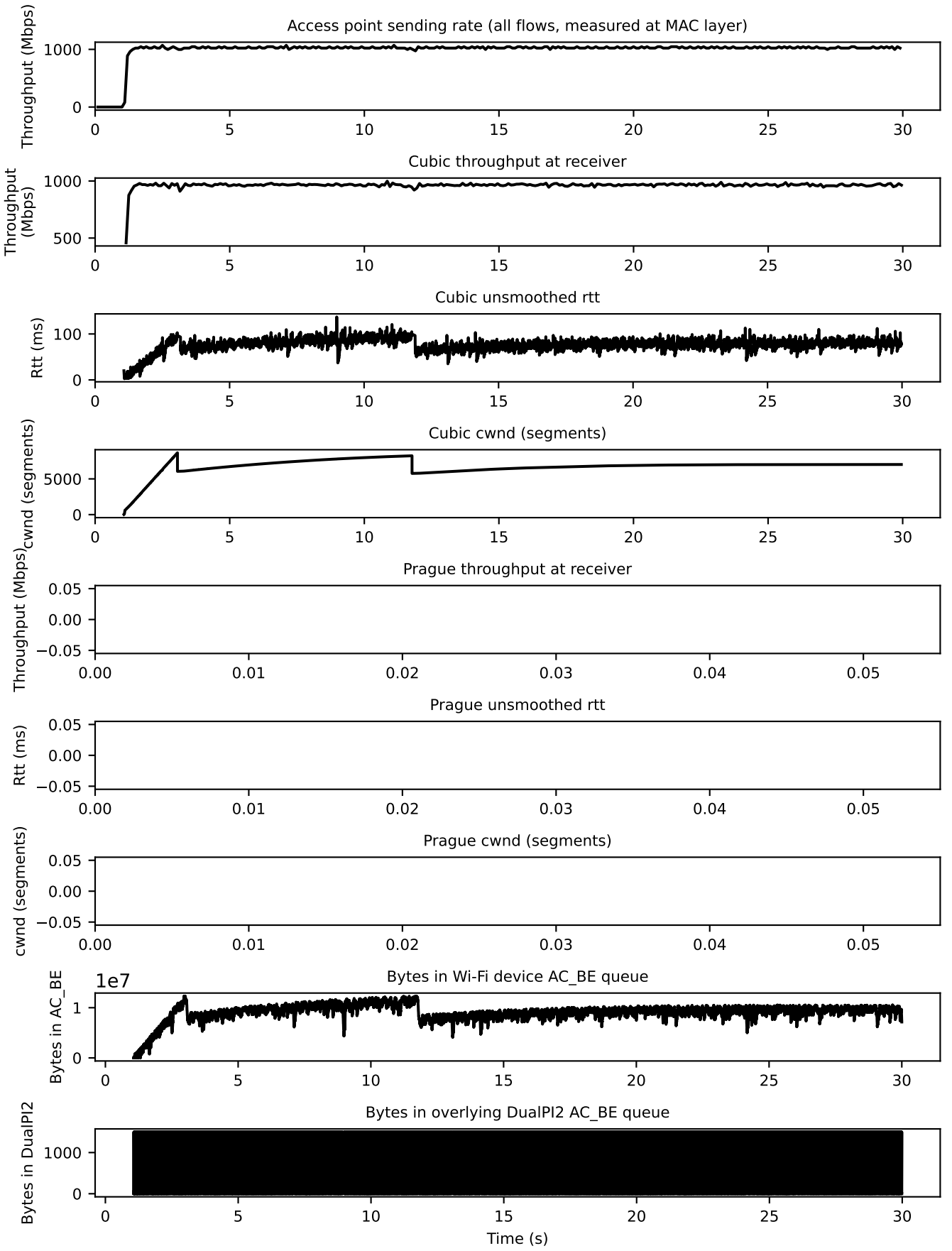Simulation ED2-MS0-AP0-LS3-TC1-TS1