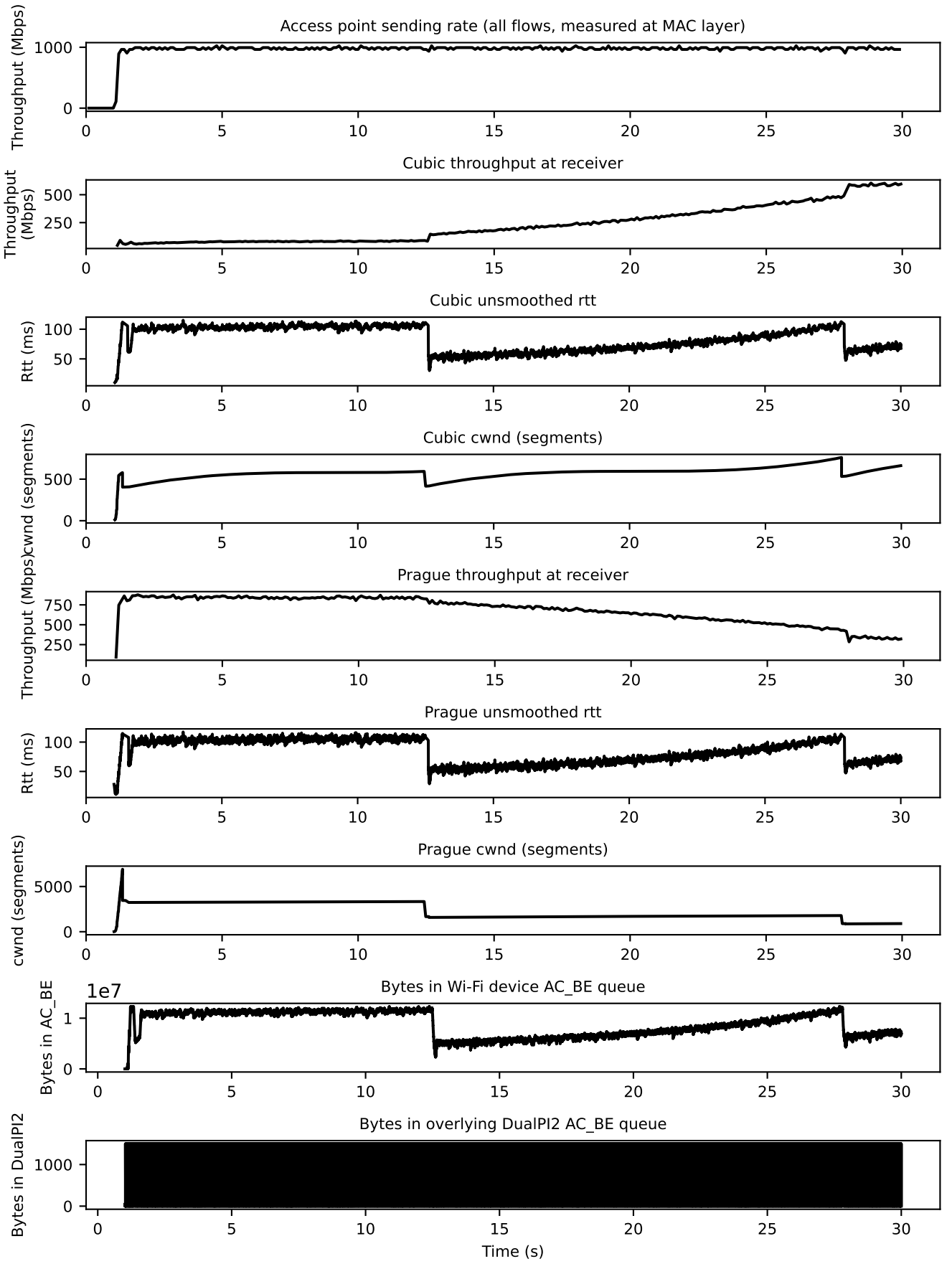Simulation ED3-MS0-AP0-LS3-TC4-TS2