

Instructions for patching NS-3 Simulator

We modified parts of ns-3. Most changes concern adding output for some radio KPIs. Also, we add the implementation of log-normal-shadowing propagation model. Changes are made for files in *ns-allinone-3.27/ns-3.27/src/lte/* and *ns-allinone-3.27/ns-3.27/src/propagation/*. Also we use modified *lena-dual-sample.cc* example for running seven-cell simulation.

All changes are tested on ns-3 version 3.27. We provide patches and example file for updating [files](#).

Alternatively, we provide manual instructions for patching files. Majority of files concern LTE part of ns-3 simulation (*ns-allinone-3.27/ns-3.27/src/lte/*). Also we add implementation of log-normal-shadowing propagation model (*ns-allinone-3.27/ns-3.27/src/propagation/*).

Manual Instructions [Download](#)