Traffic Steering Use Case

The goal of the use case is to implement QoE-based traffic steering, where user experience is improved by intelligently steering traffic among multiple cells, via a closed-loop UE-level performance monitoring and control. The proposed solution leverages predictive analytics and algorithms to provide UE-level performance monitoring and optimization, utilizing near real-time data. For the purpose of this use case, QoE is measured as average UE PDCP throughput, averaged over a certain temporal window whose size can controlled by a parameter. The QoE metric itself can be potentially configured via A1 policy for example. The objective function of this use case is to maximize the QoE improvement of the worst-performing priority traffic.