

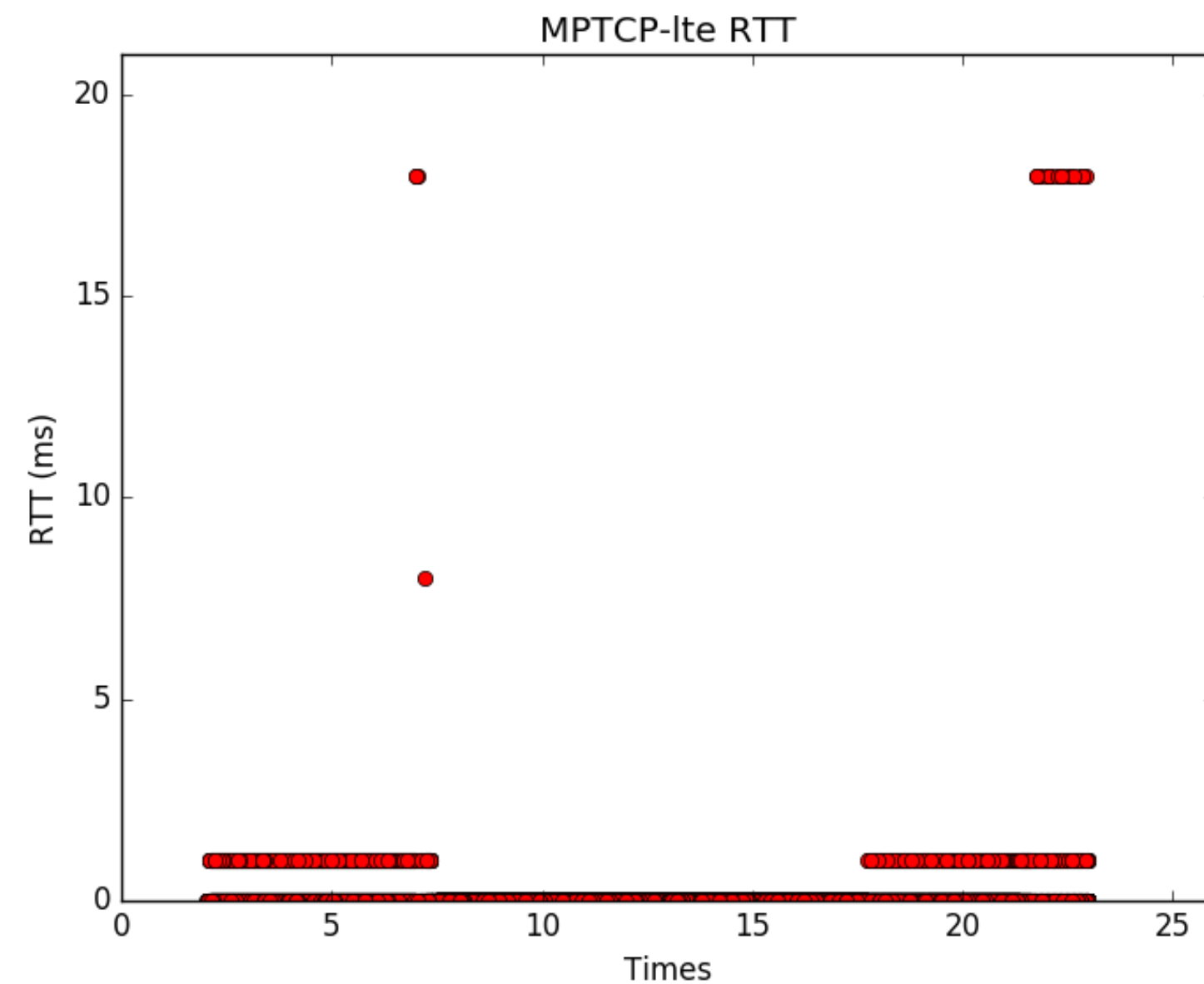
802.11ad with MPTCP: Improve throughput in mobility and blockage

Kangwoo Nam, Seongjin Park

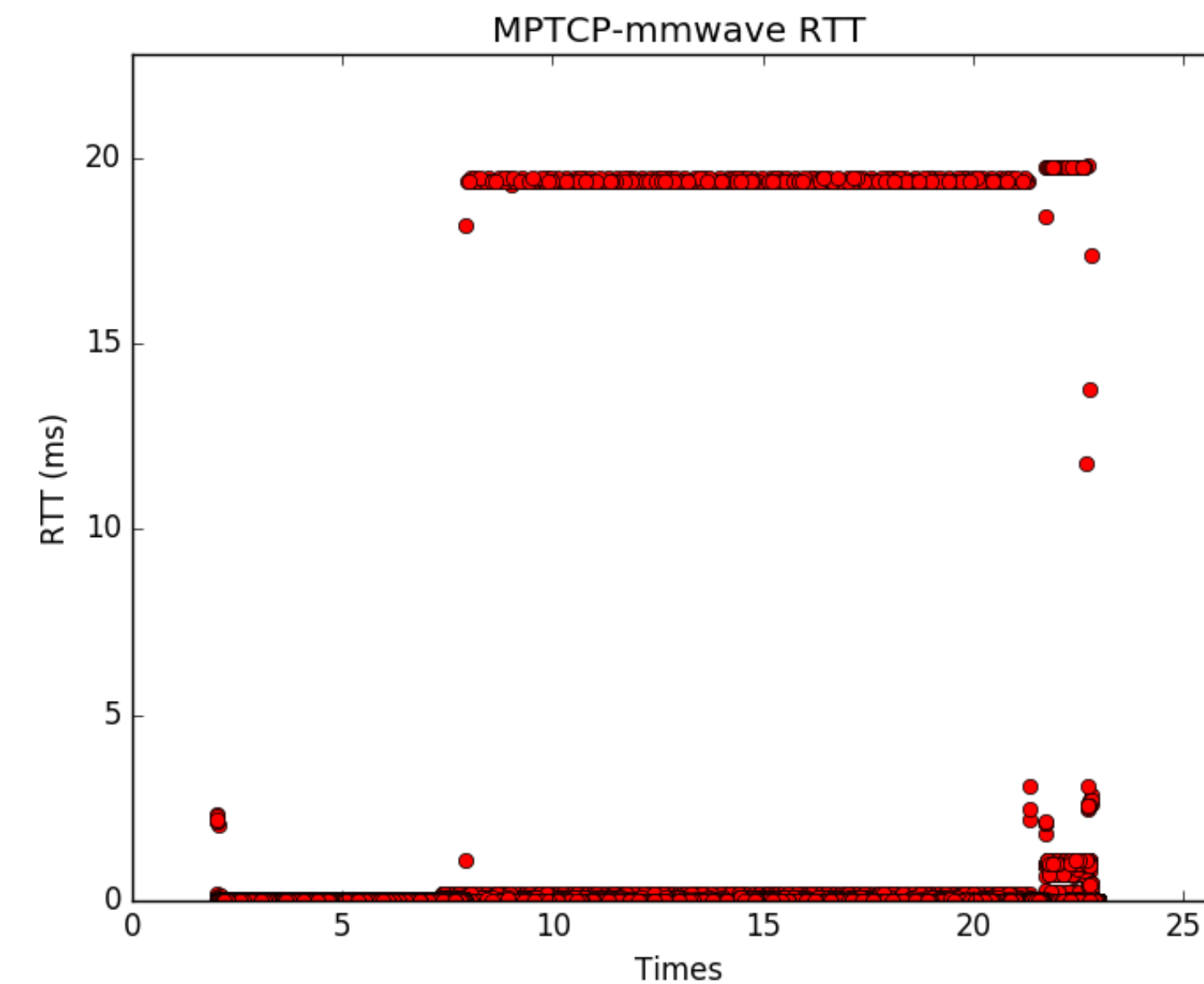
Advisor: Joon Yoo, Jaehyuk Choi

Oct 24 2018

mmWave + LTE (RTT)



[LTE RTT]

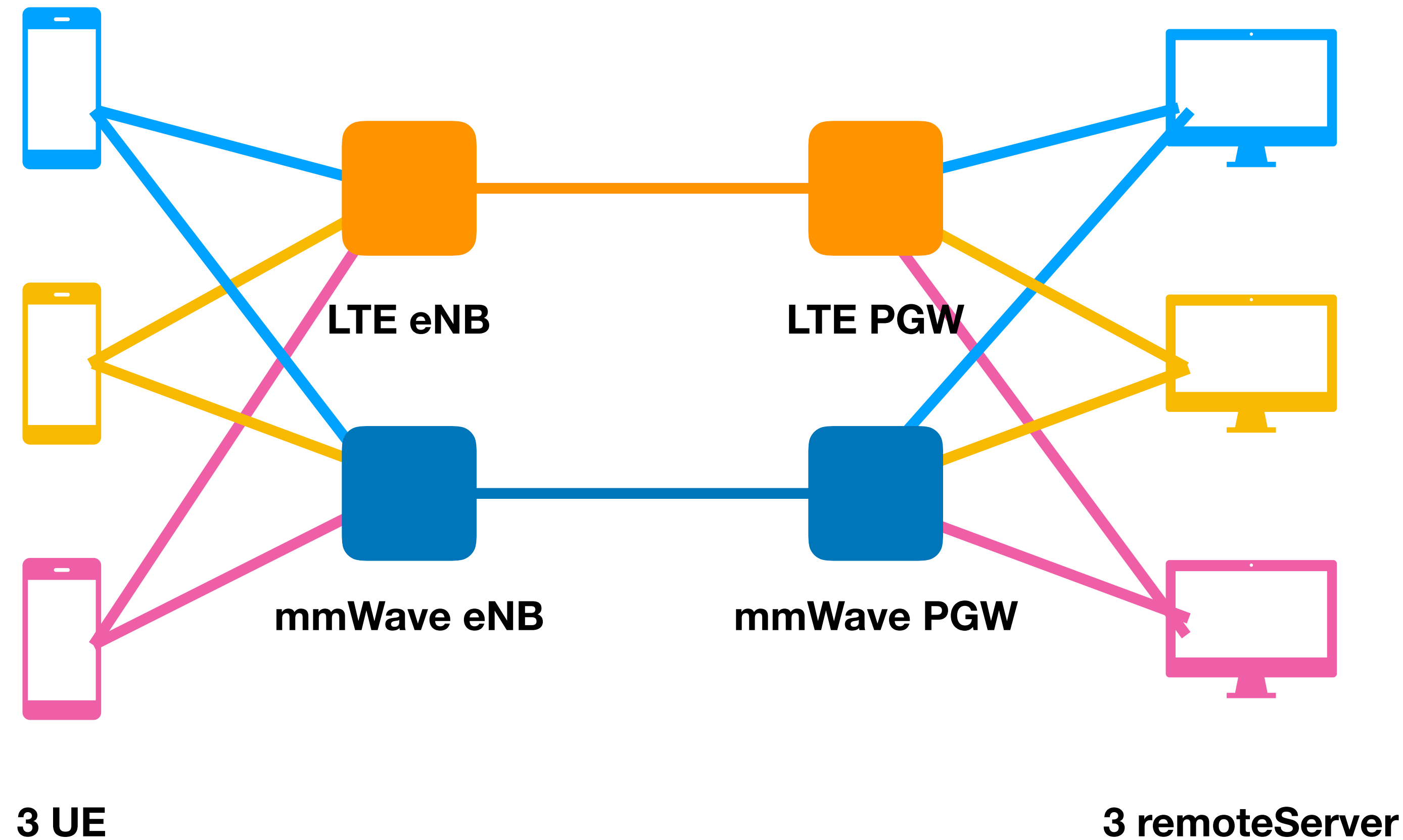


[mmwave RTT]

- In LTE, timeout occur during 2 sec ~ 7 sec and 17 sec ~ 23 sec
- In mmWave, timeout occur during 7 sec ~ 23 sec

On-Off Iperf for 3 interval

- Topology



On-Off Iperf for 3 interval

- First UE run Iperf with first remoteServer during 2 sec ~ 5 sec
- Second UE run Iperf with second remoteServer during 5.5 sec ~ 8.5 sec
- Third UE run Iperf with third remoteServer during 9 sec ~ 12 sec

