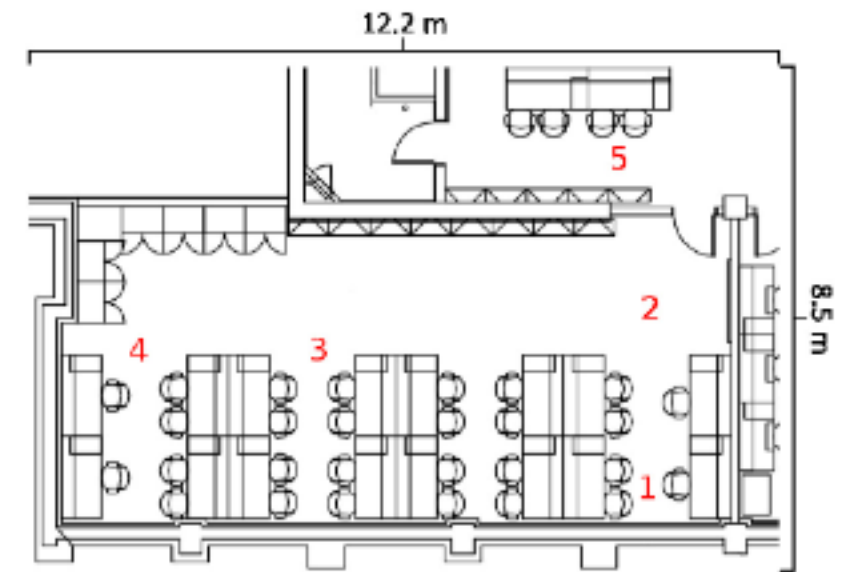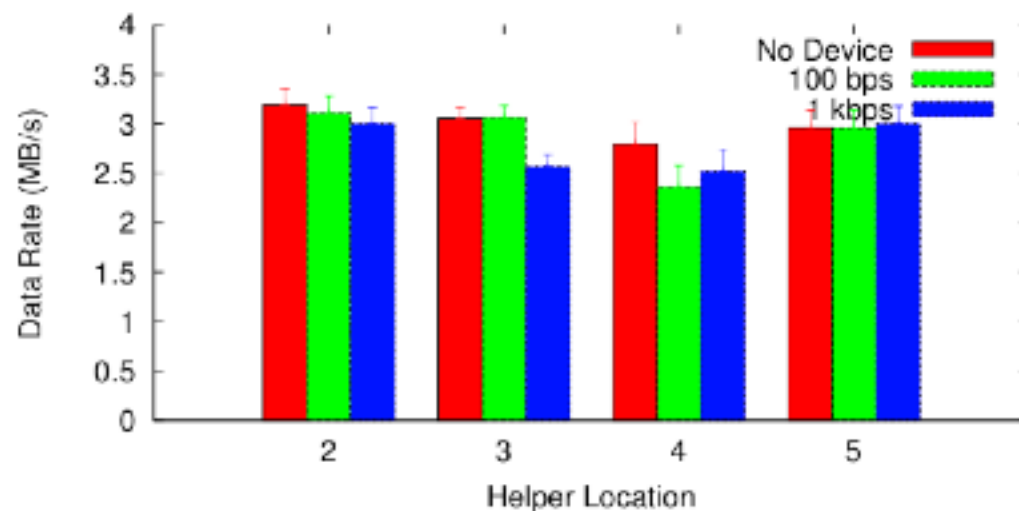# Evaluation
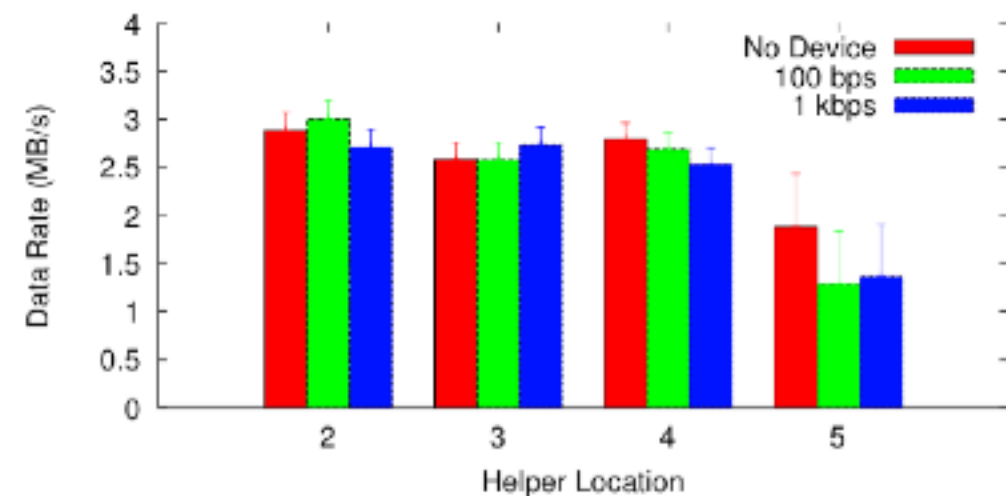## Effect on the original comm pair

- Since downlink use CST_to_self to silence all others traffic, consider uplink only. Make the Tag keeping send out msg.

- One receiver and Tag in the loc 1, move sender around

(a) Distance of 5 cm

(b) Distance of 30 cm

All three color strides are pretty close with each other -> no obvious effect on the wifi communication

Evaluation

How to improve the range for uplink

- Normally 65cm is the extreme, how to improve it?

  - Do not use a single switch of reflection to represent 0/1

  - Instead, use 2 longer, orthogonal-coded sequence L to represent 0/1