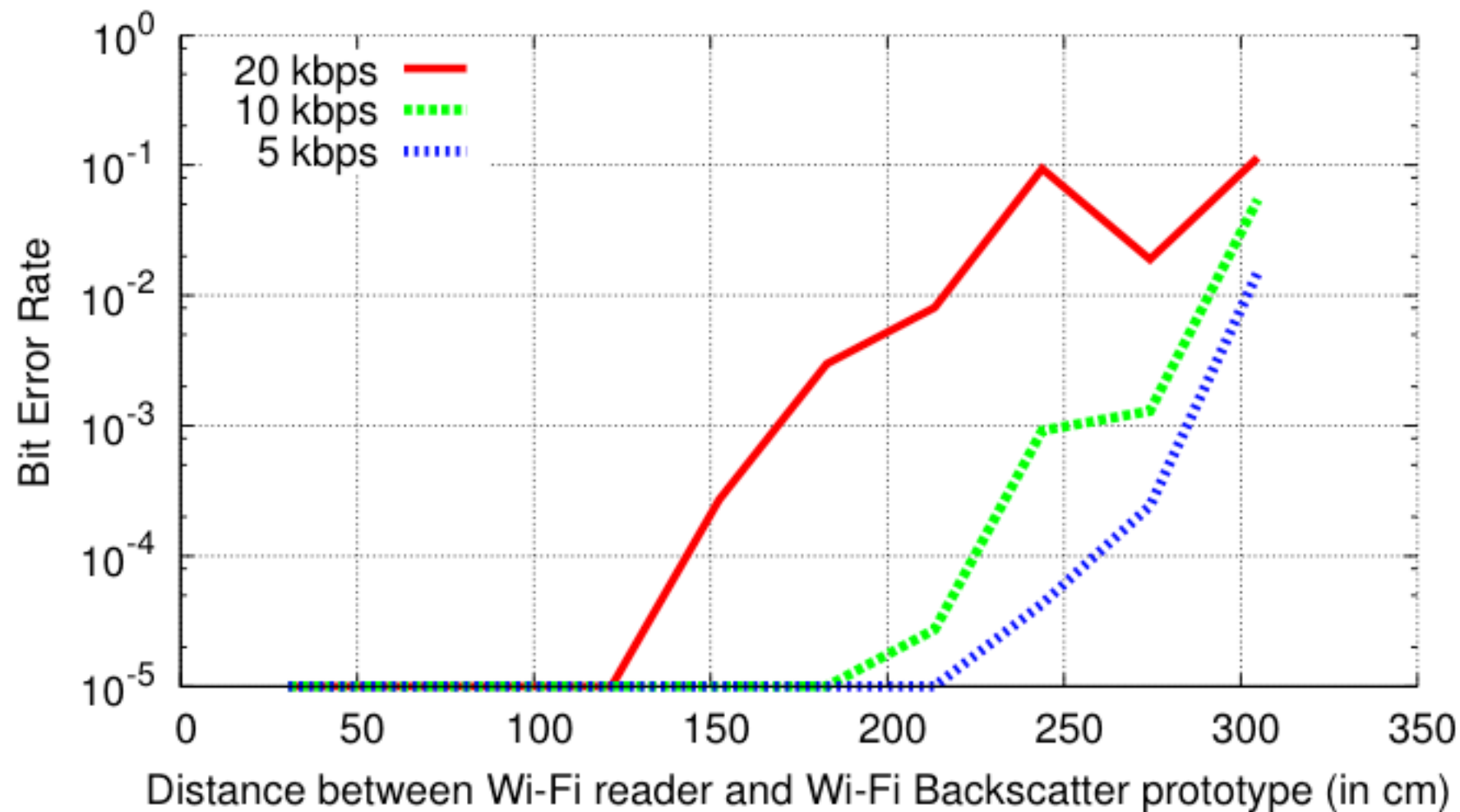


# Evaluation

## Downlink

*pkt\_length directly related to bit rates*

- Relationship between: BER & distance, BER & pkt\_length



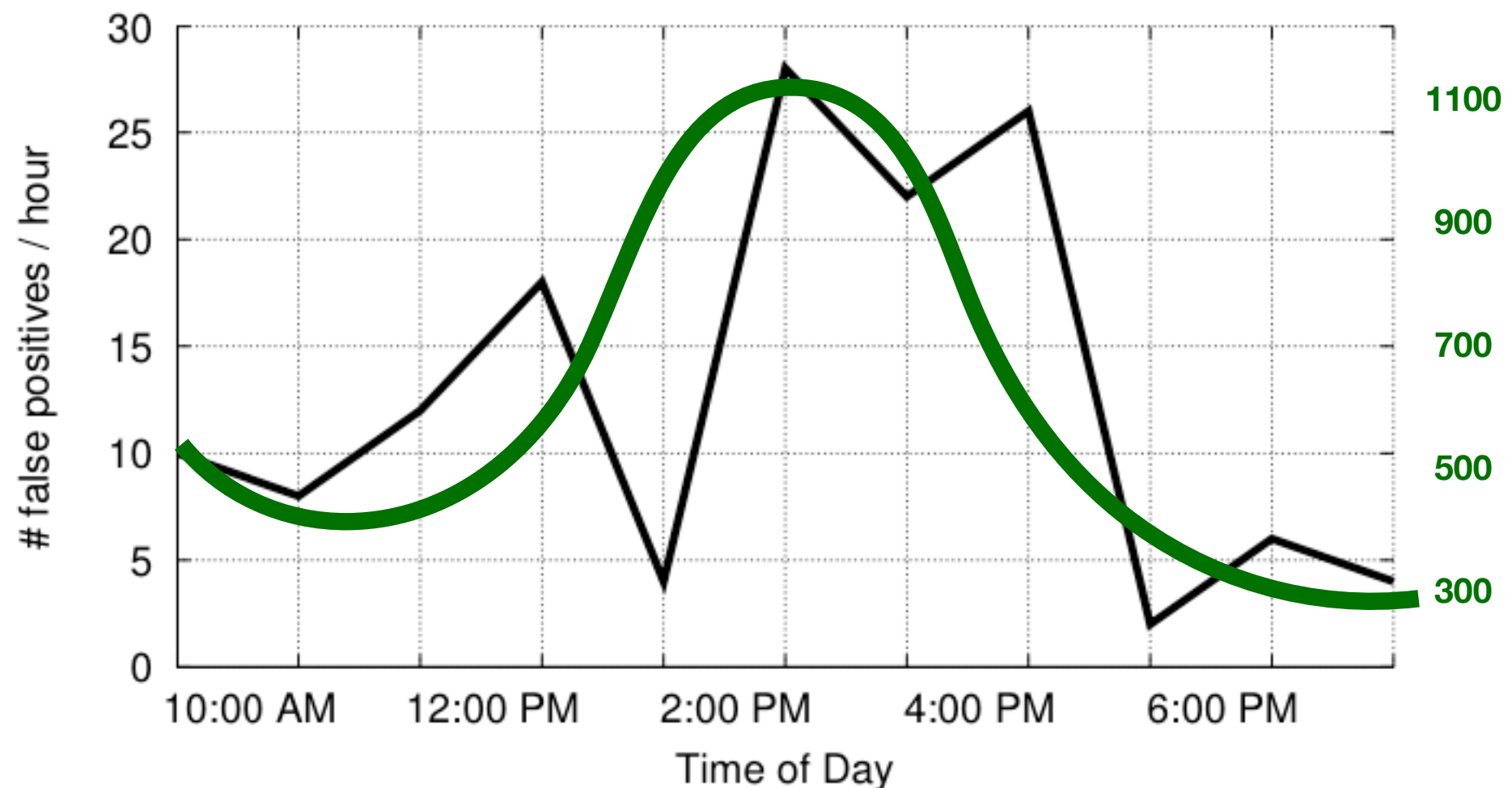
Higher bit rate -> smaller pkt\_length -> harder to identify a bit within shorter period

# Evaluation

## Downlink

*falsely detects the Wi-Fi Backscatter preamble*

- False-positive situation (green is the network load)



More in-fly packets in the ambient make a fool of the Tag, longer preamble can easily solve it