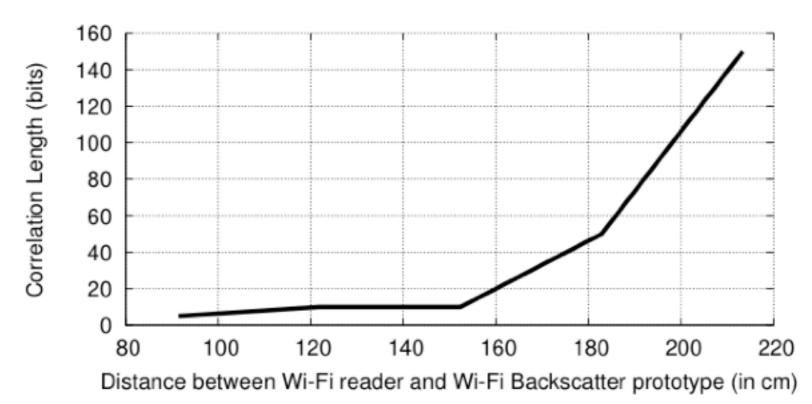
Evaluation

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



CritiqueWi-Fi Backscatter

- The downlink is pretty vulnerable it silences all the other traffic.
 - the false-positive evaluation proves this to some extent.
 need find a more unique way to inform the Tag
- Using coding to improve the uplink range is pretty limited much more bits are required for a slightly larger range
 - actually it is intrinsically inapplicable for long range communication - CSI amplitude becomes more "mixed" with the ambient in distant position