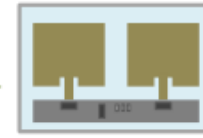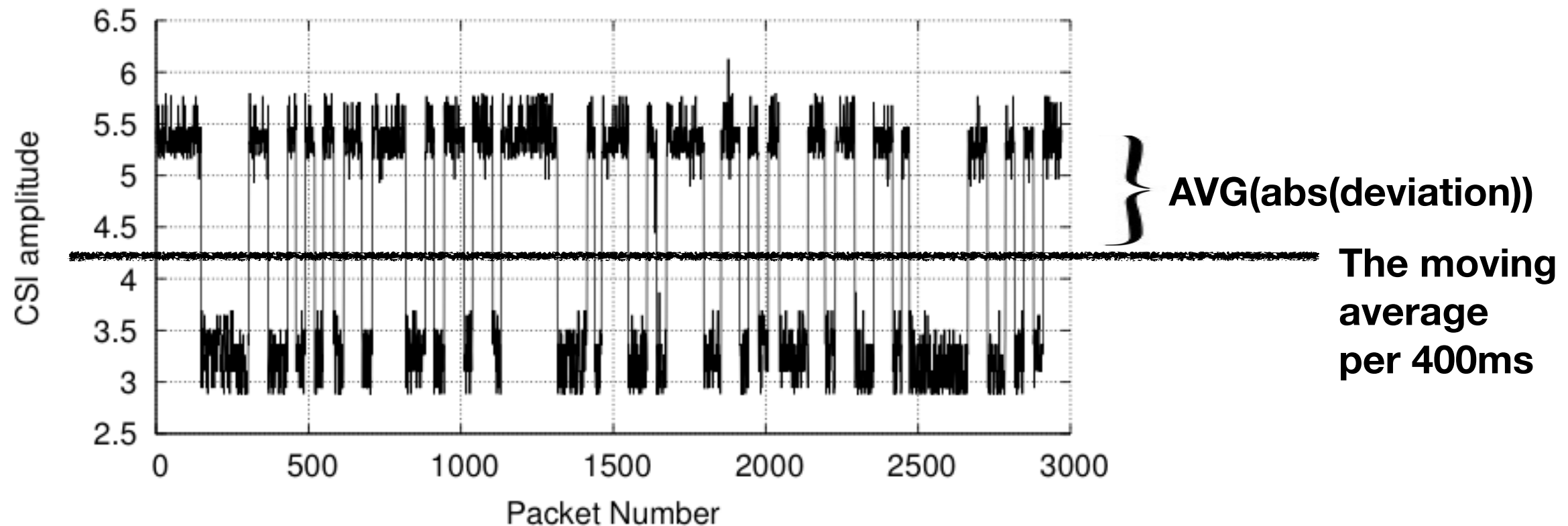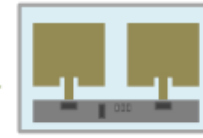# Design

Uplink communication - from tag to reader

- Then how the reader interprets those data coded inside of the CSI amplitude?

- Step 1: normalization (or Signal Conditioning in the paper)

normed_value = (CIS_measurement - the_moving_ave) / abs_dev_ave

Design

Uplink communication - from tag to reader

Adjacent pair of the 60 OFDM subcarriers |

- However **not every sub-channel** can observe such obvious amplitude deviation, the best sub-channel **seems distance-dependent**. (Following marks out the acceptable sub-channels)

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