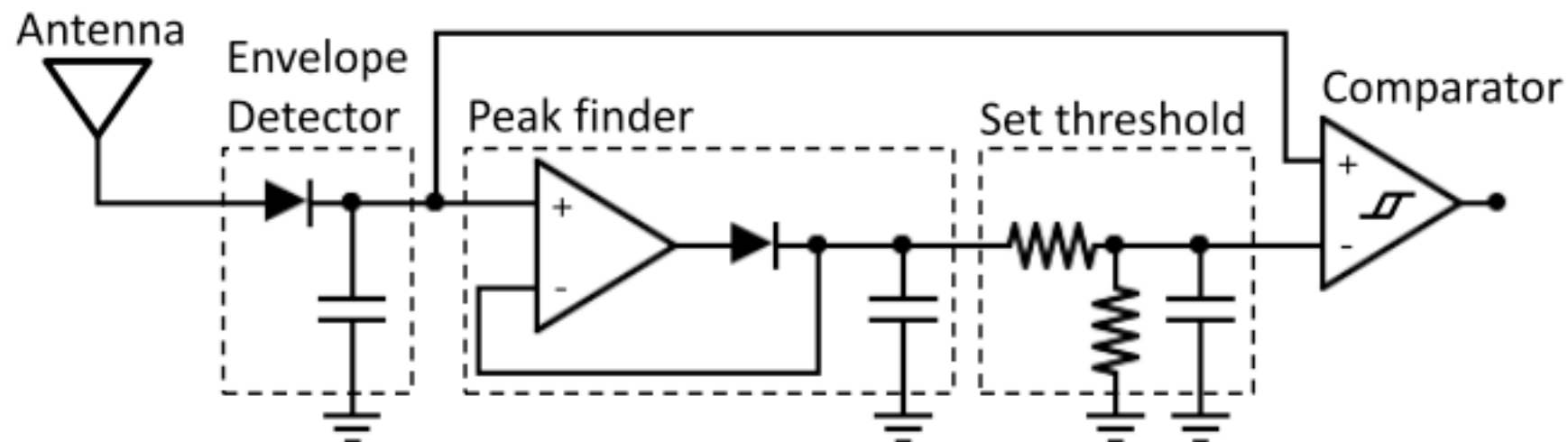


Design

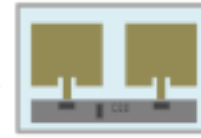


Downlink communication - from reader to tag

- For the receiver (the RF Tag):
 - How to perceive the presence/absence?
 - Wi-Fi transmissions are modulated using OFDM, which is known to **have a high peak to average ratio**
 - A low power receiver circuit for peak detection @2.4GHz.



Design



Uplink communication - from tag to reader

- Another analogy : what is Backscatter?

