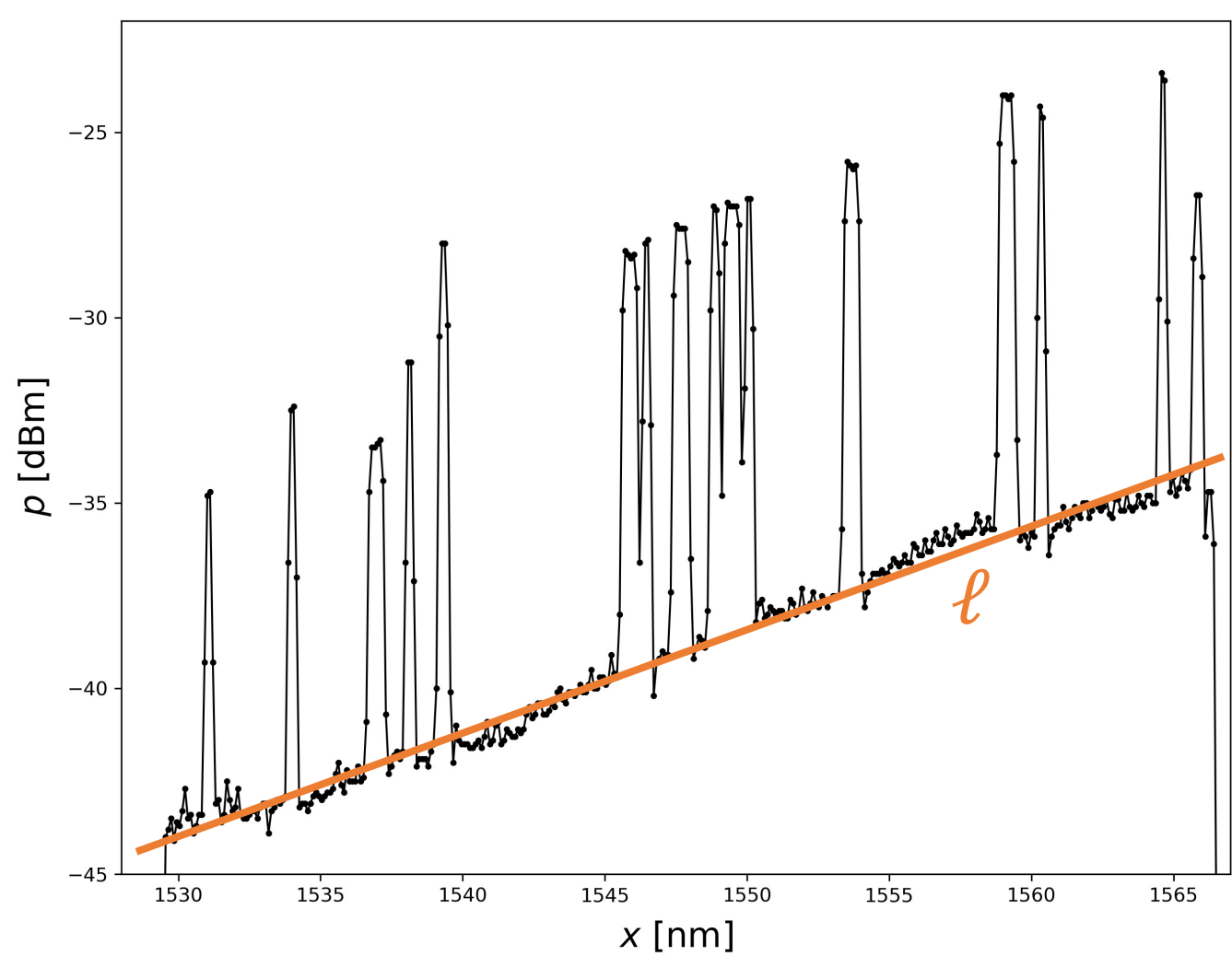
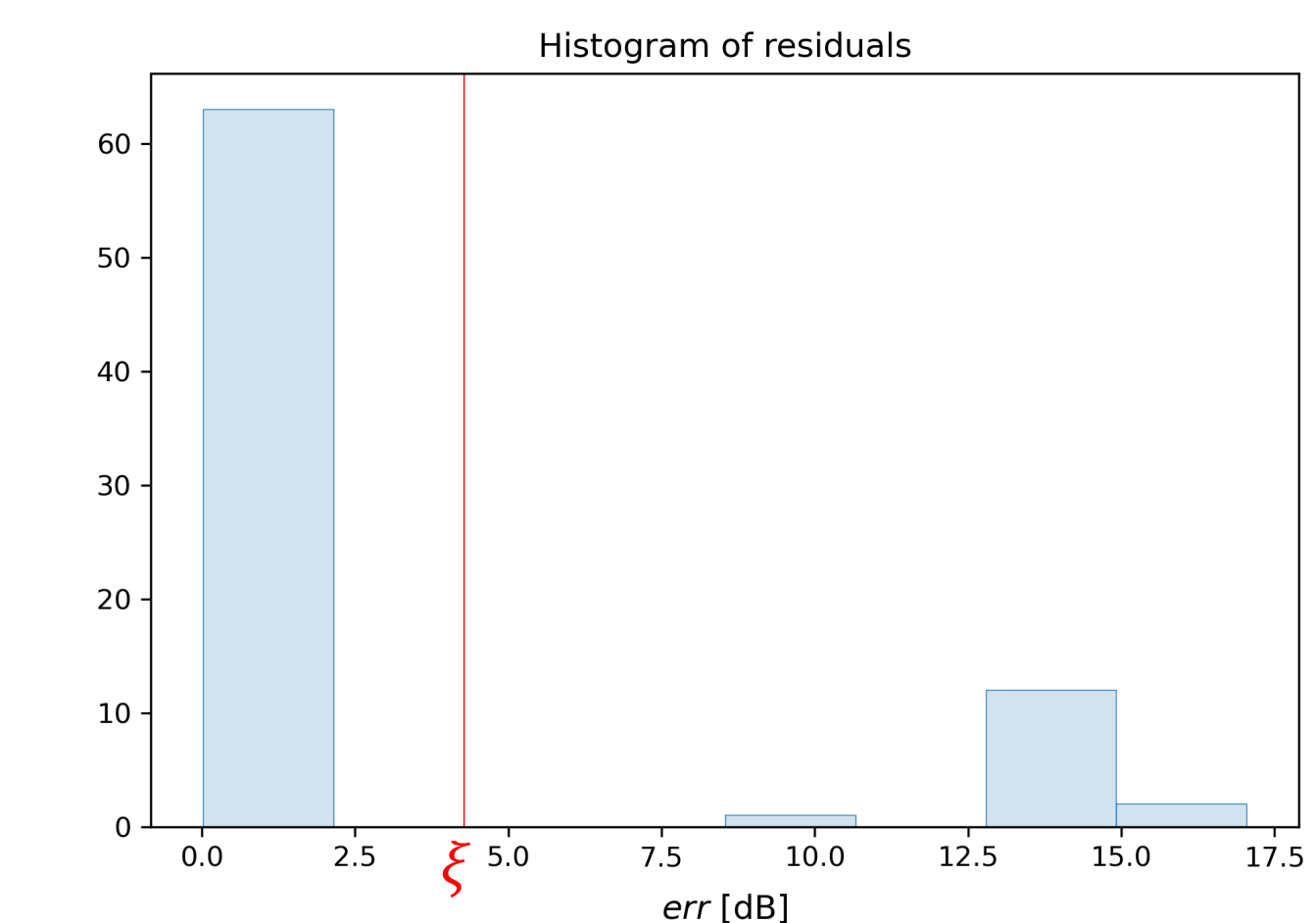


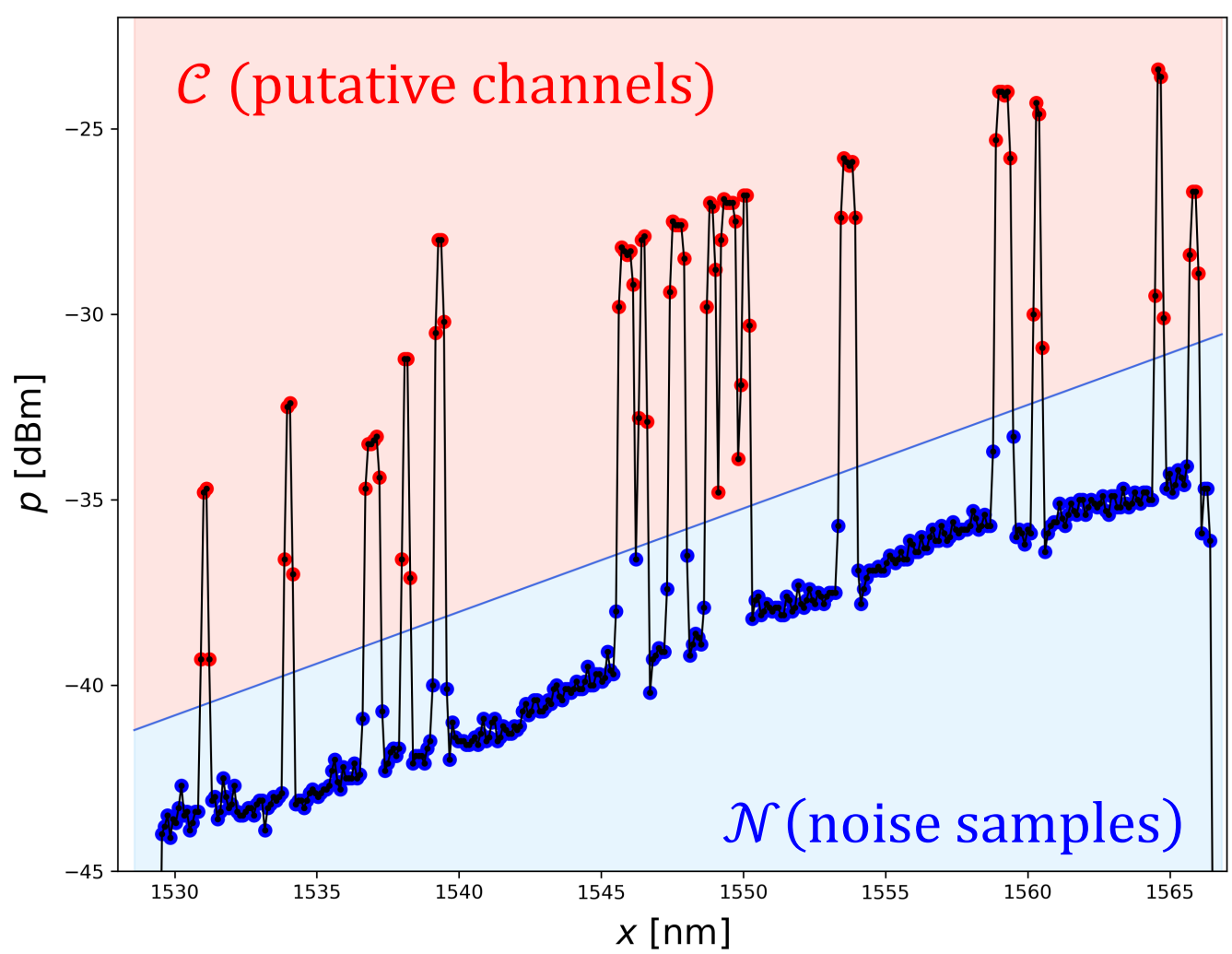
(a) Input Spectrum



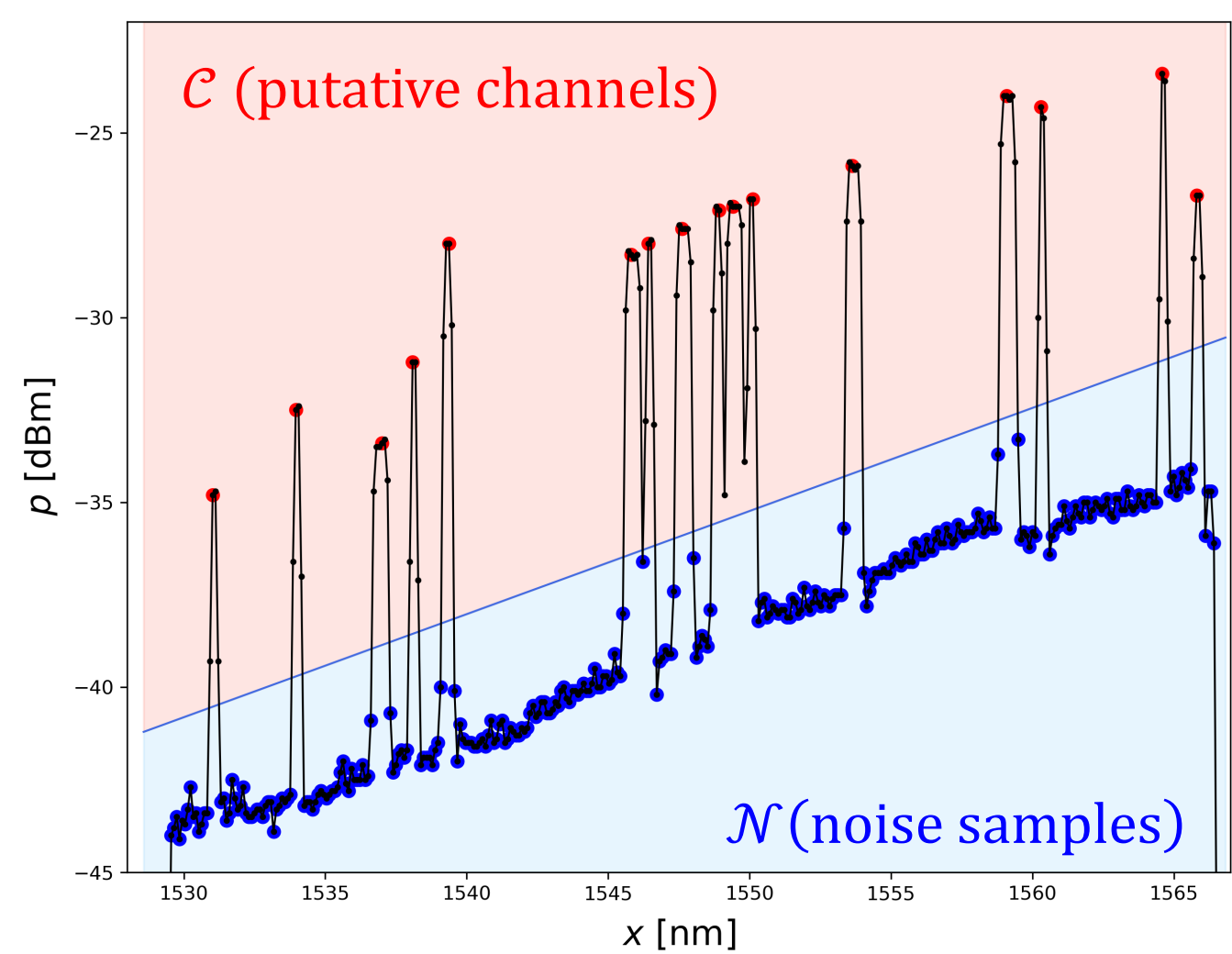
(b) Fit linear trend  $\ell$



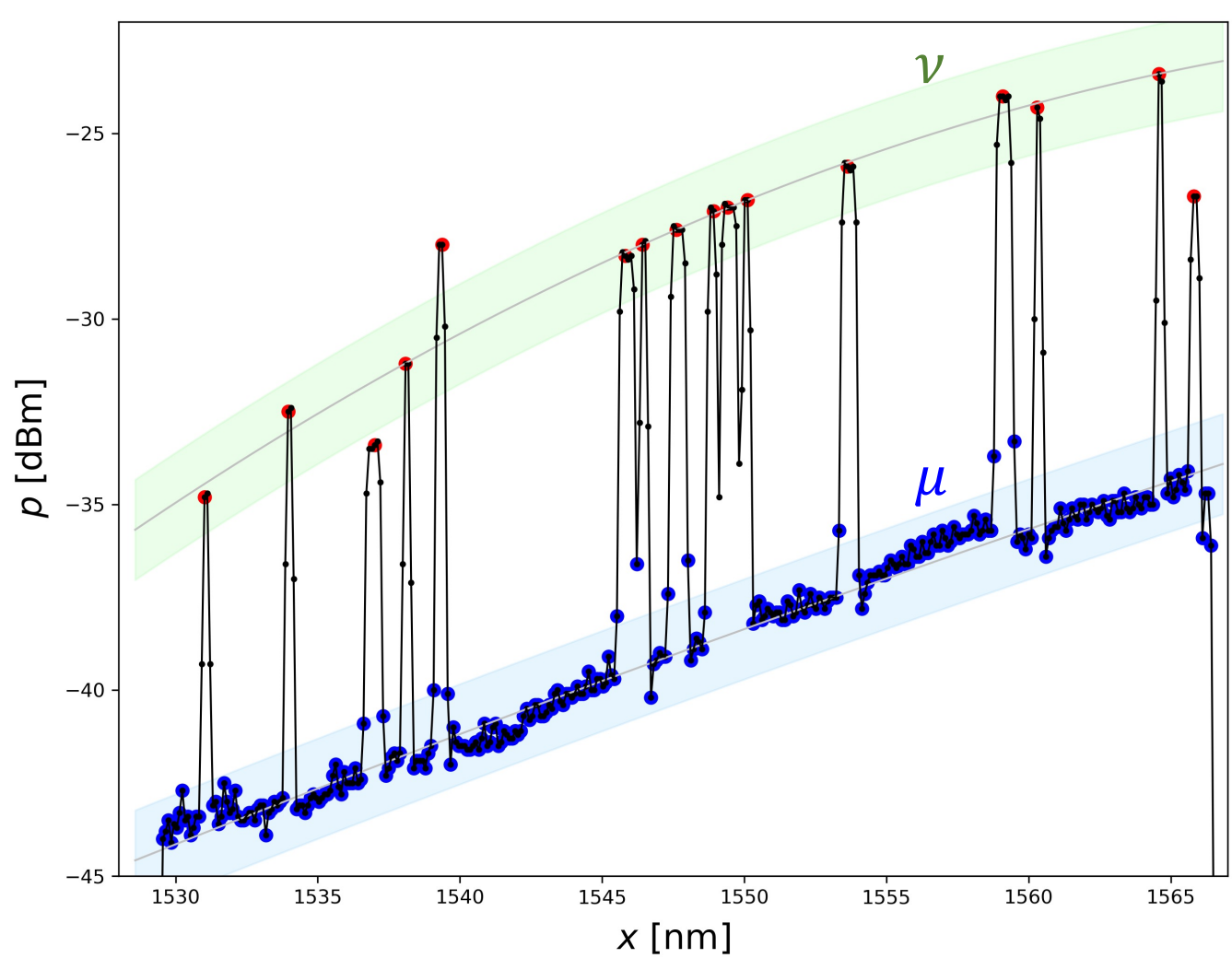
(c) Construct histogram



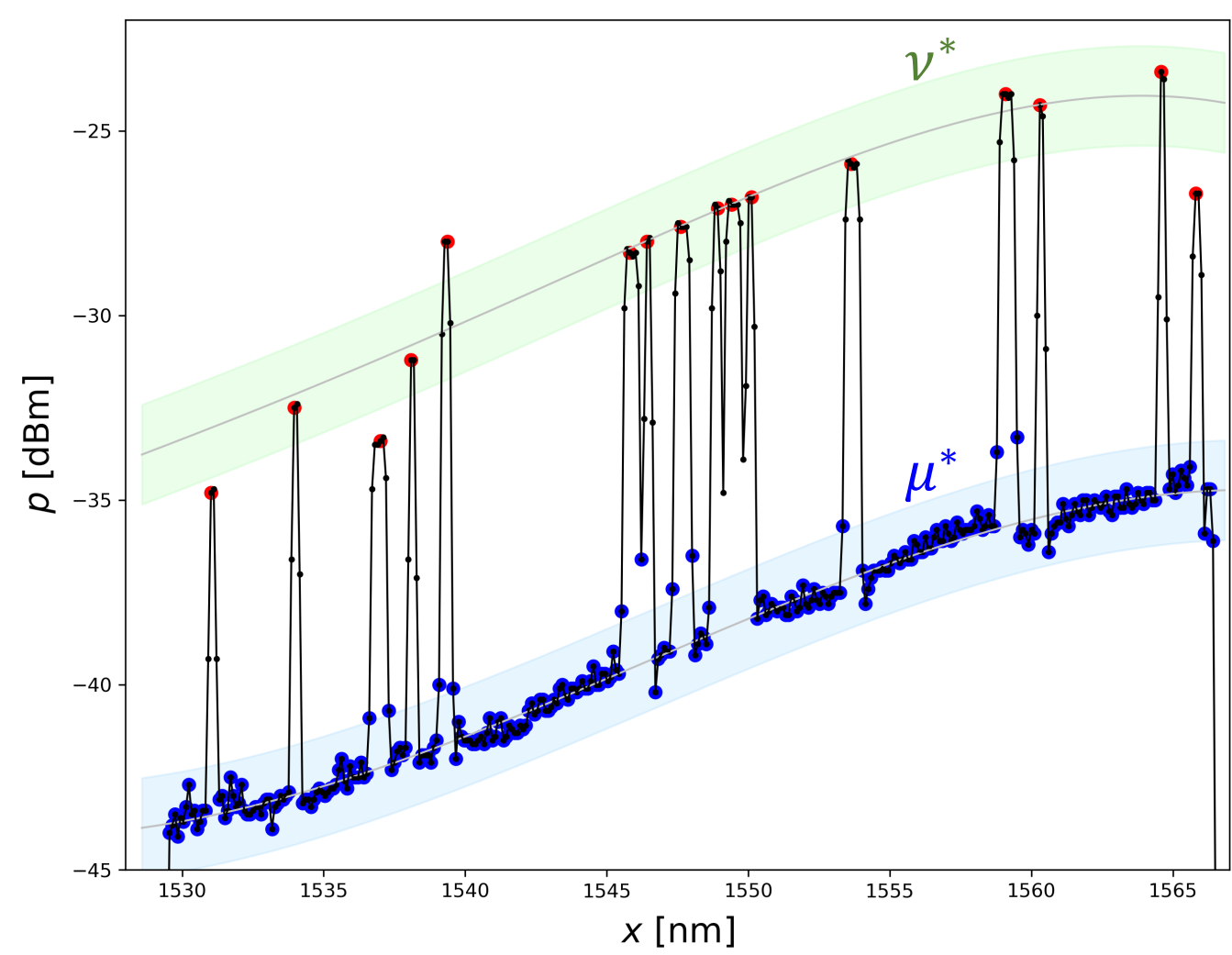
(d) Denote  $\mathcal{C}$  and  $\mathcal{N}$



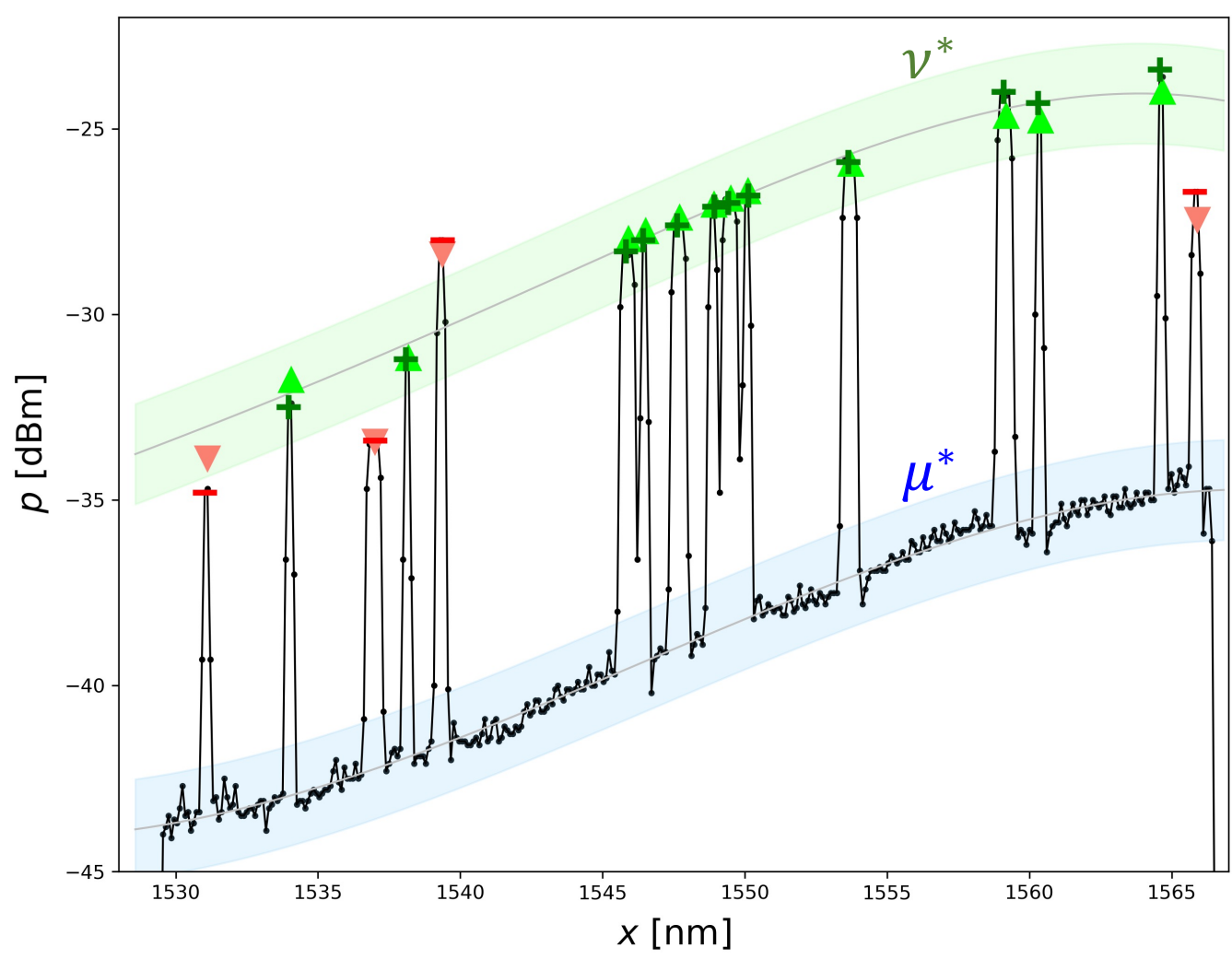
(f) Find peaks



(g) Fit initial guess



(h) Joint Optimization



(i) Anomaly Detection