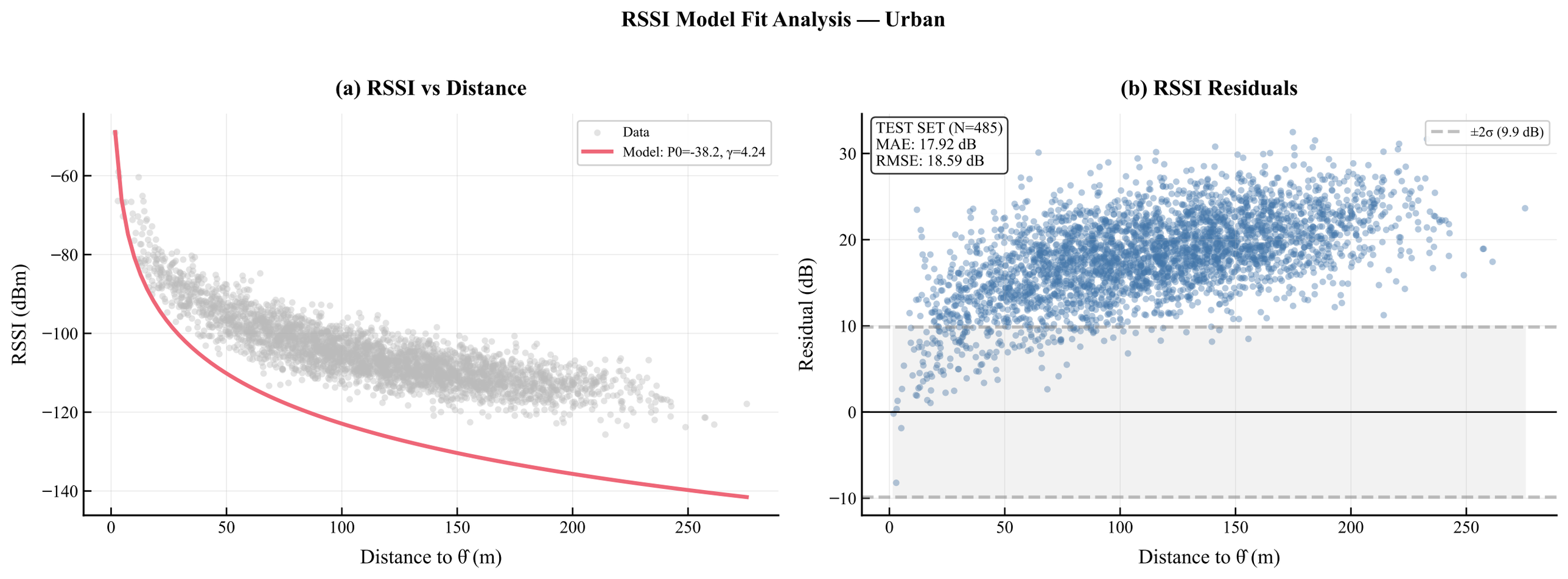
RSSI Model Fit Analysis — Urban
(a) RSSI vs Distance
Data
Model: P0=-38.2, γ=4.24
RSSI (dBm)
−60
−80
−100
−120
−140
0
50
100
150
200
250
Distance to θ' (m)
(b) RSSI Residuals
TEST SET (N=485)
MAE: 17.92 dB
RMSE: 18.59 dB
±2σ (9.9 dB)
Residual (dB)
30
20
10
0
−10
0
50
100
150
200
250
Distance to θ' (m)