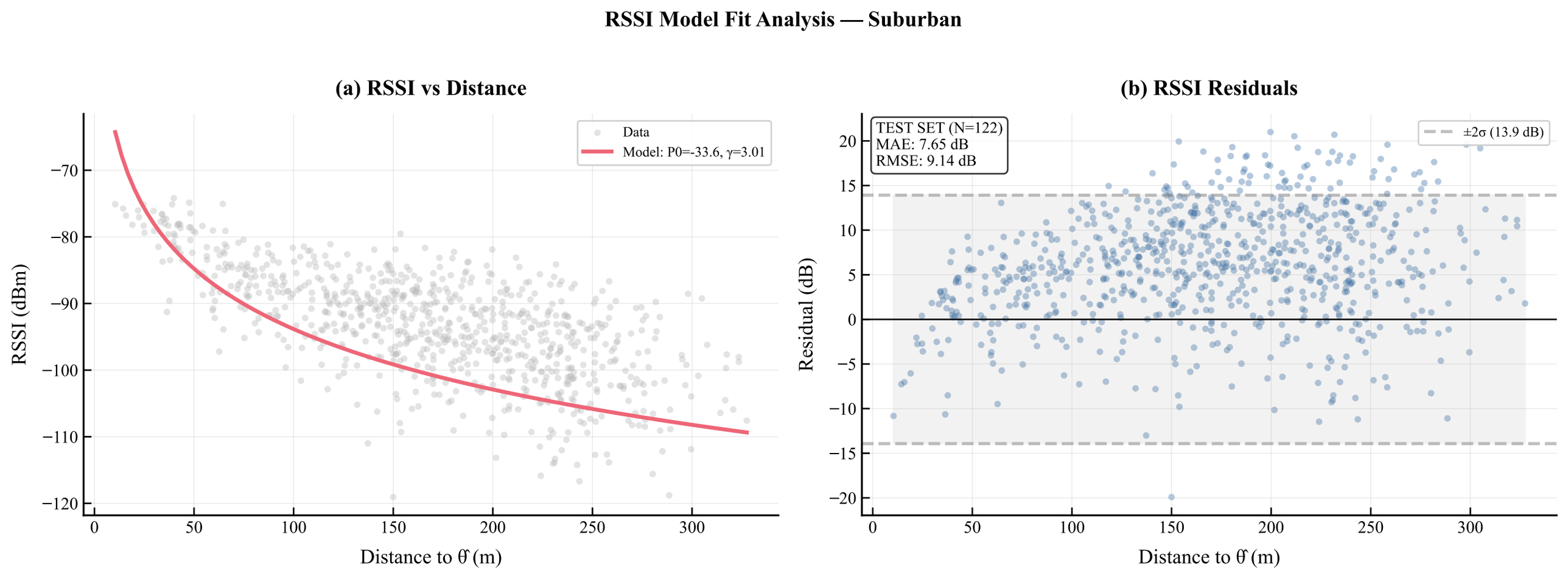
RSSI Model Fit Analysis — Suburban
(a) RSSI vs Distance
Data
Model: P0=-33.6, γ=3.01
RSSI (dBm)
−70
−80
−90
−100
−110
−120
0
50
100
150
200
250
300
Distance to θ (m)
(b) RSSI Residuals
TEST SET (N=122)
MAE: 7.65 dB
RMSE: 9.14 dB
±2σ (13.9 dB)
Residual (dB)
20
15
10
5
0
−5
−10
−15
−20
0
50
100
150
200
250
300
Distance to θ (m)