AIRPORT

Scenario-based Enterprise WLAN Design

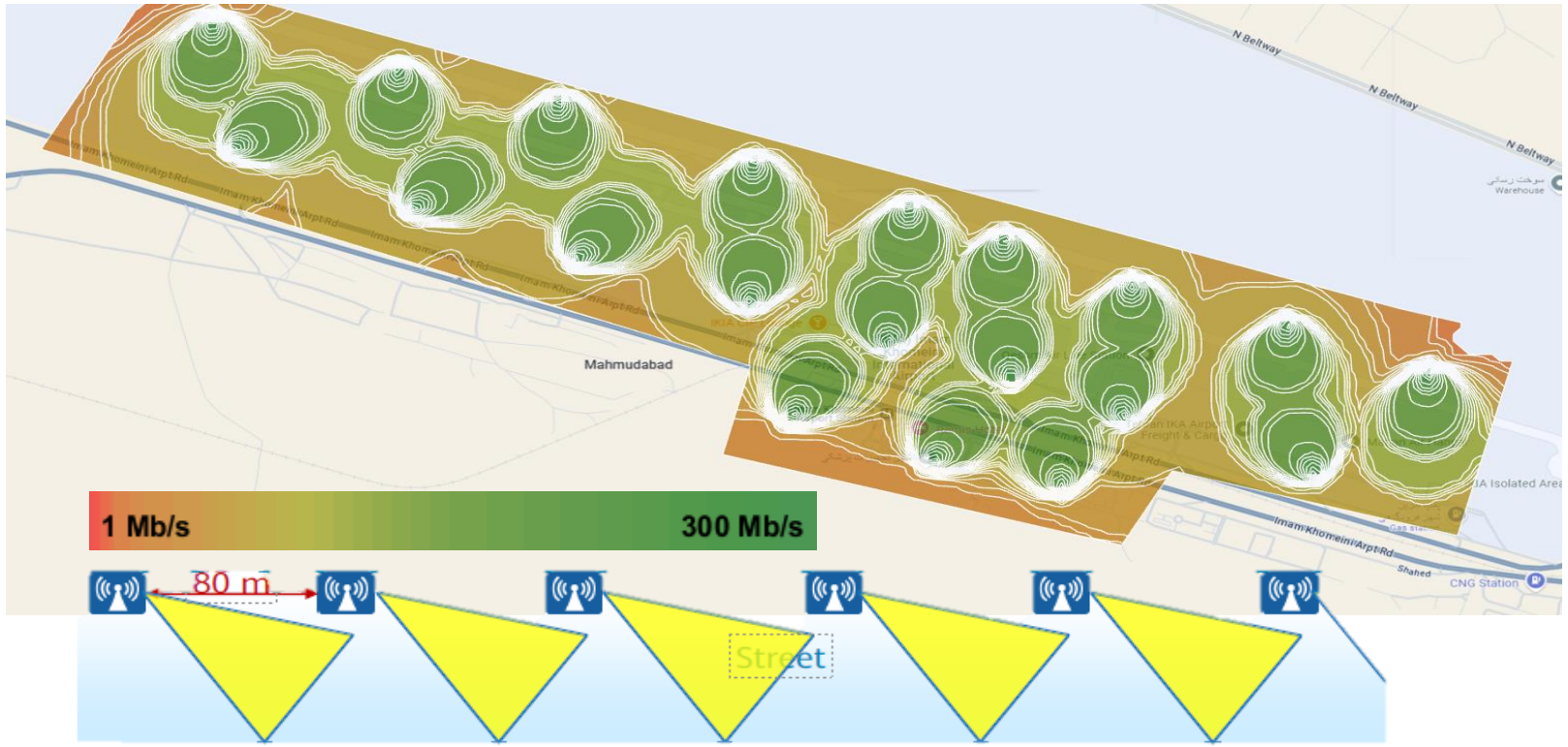
OUTDOOR Scenario

May
2025



Solution for Street Scenarios

- **Deploy APs at spacing of 80 m and provide coverage from one side of the street.**



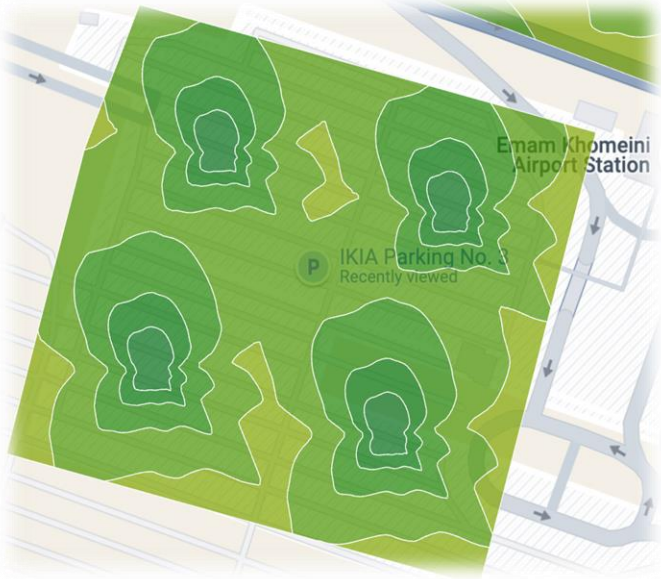
Solution for Outdoor Parking Lot Scenarios

Signal Strength for (5 GHz band)



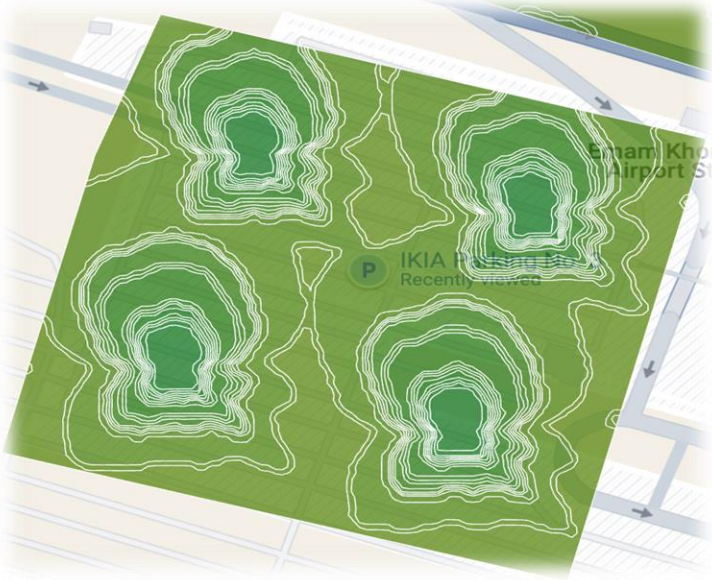
≤ -90 dBm ≥ -30 dBm

Signal To Noise Ratio (SNR)



5 dB ≥ 40 dB

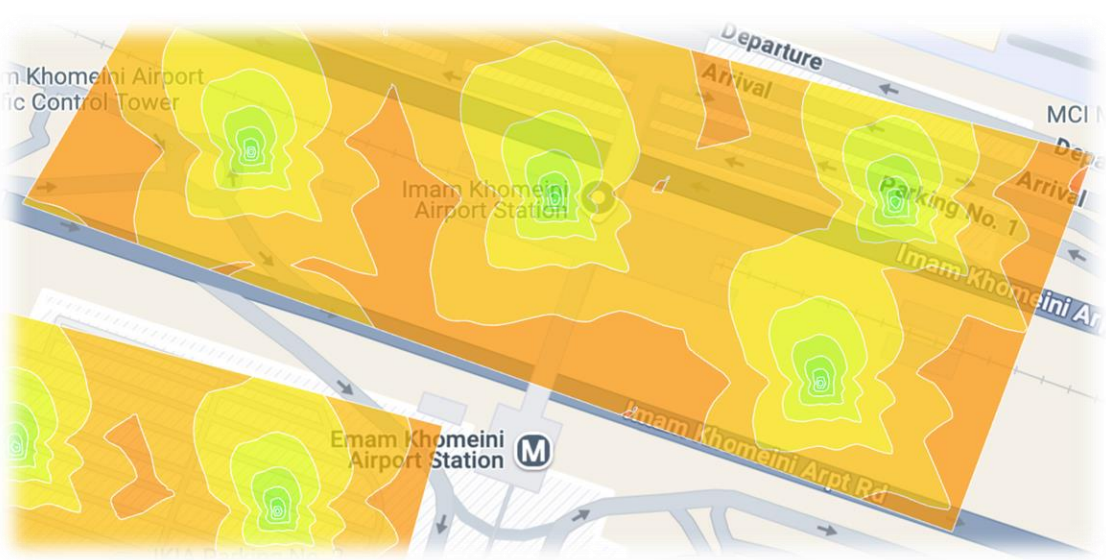
Data on 5 GHz band



1 Mb/s 585 Mb/s

Solution for Square Scenarios

Signal Strength for (5 GHz band)



≤ -90 dBm ≥ -30 dBm

Data on 5 GHz band



1 Mb/s 585 Mb/s