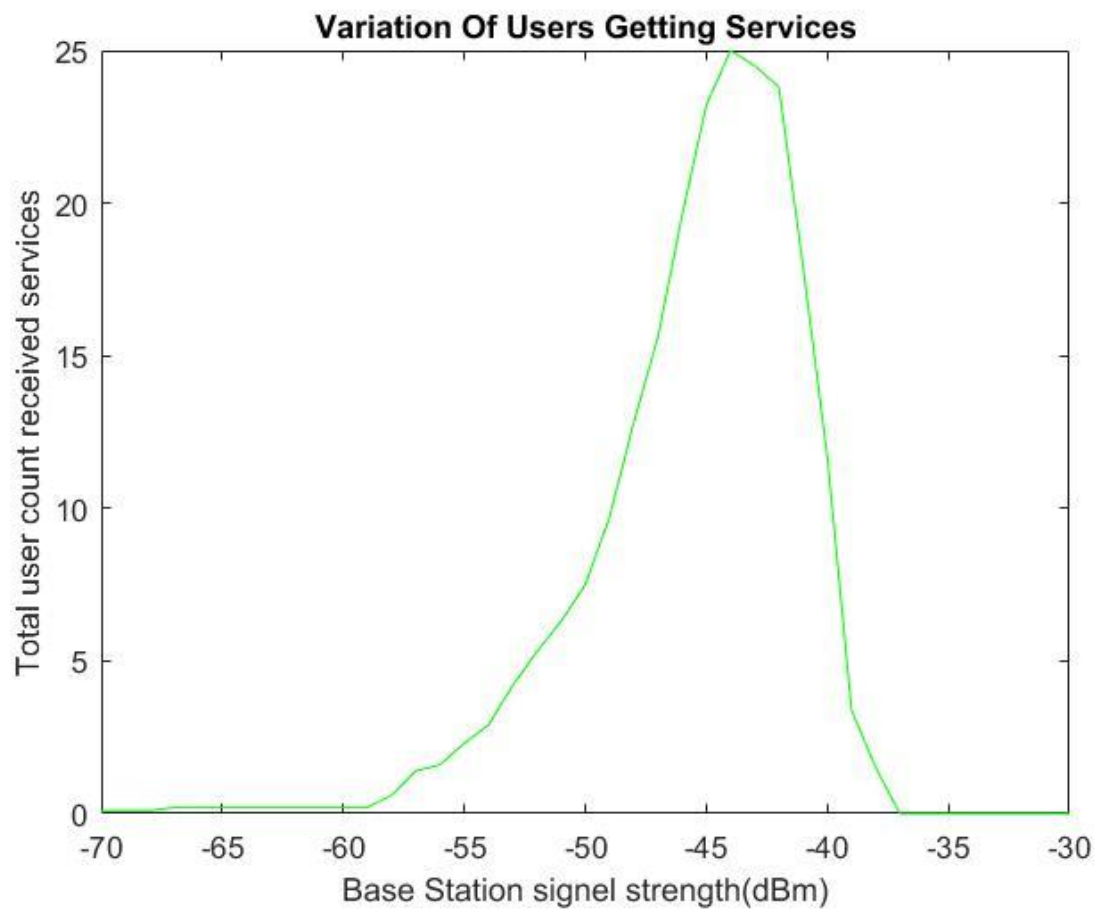


Lab 03

Tasks:

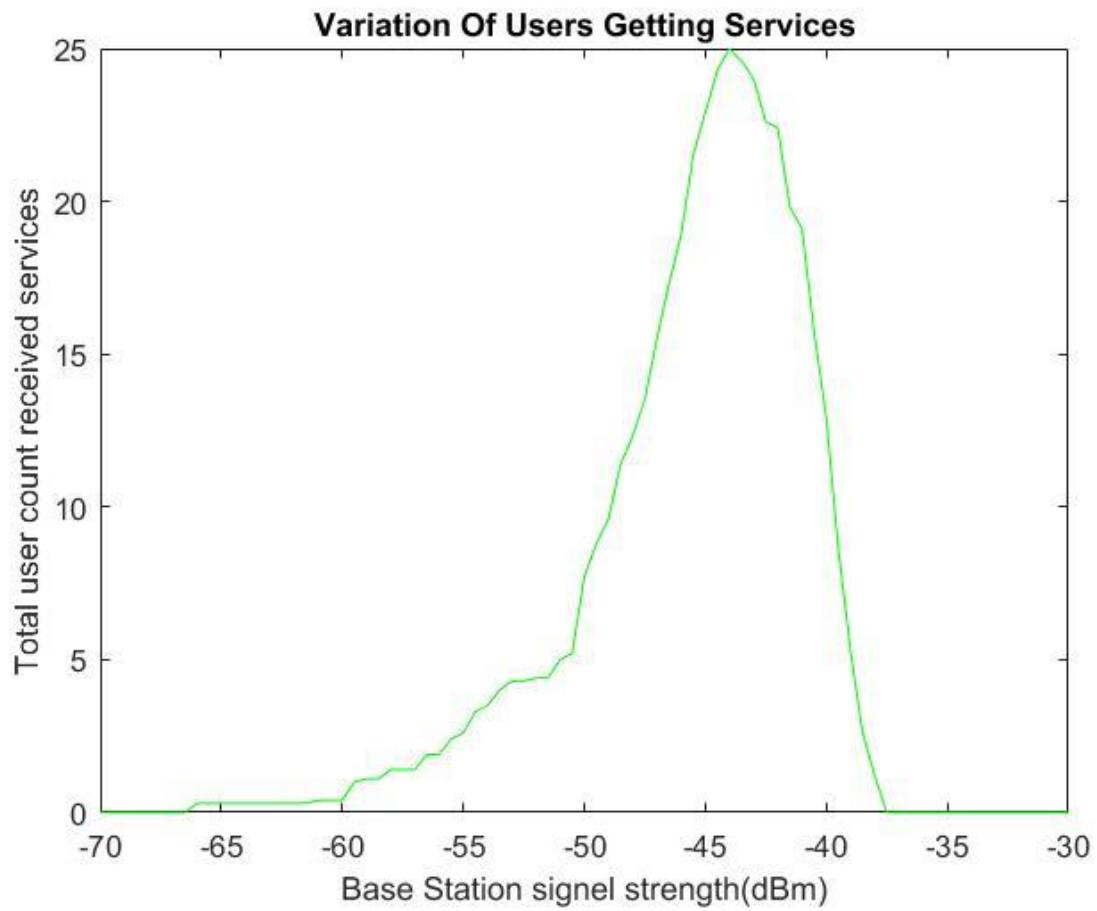
1. Investigate the impact of signal strength by incrementally increasing the signal power at the base station.
2. What is the optimal signal strength the base station may operate at?

When Step Size = 1



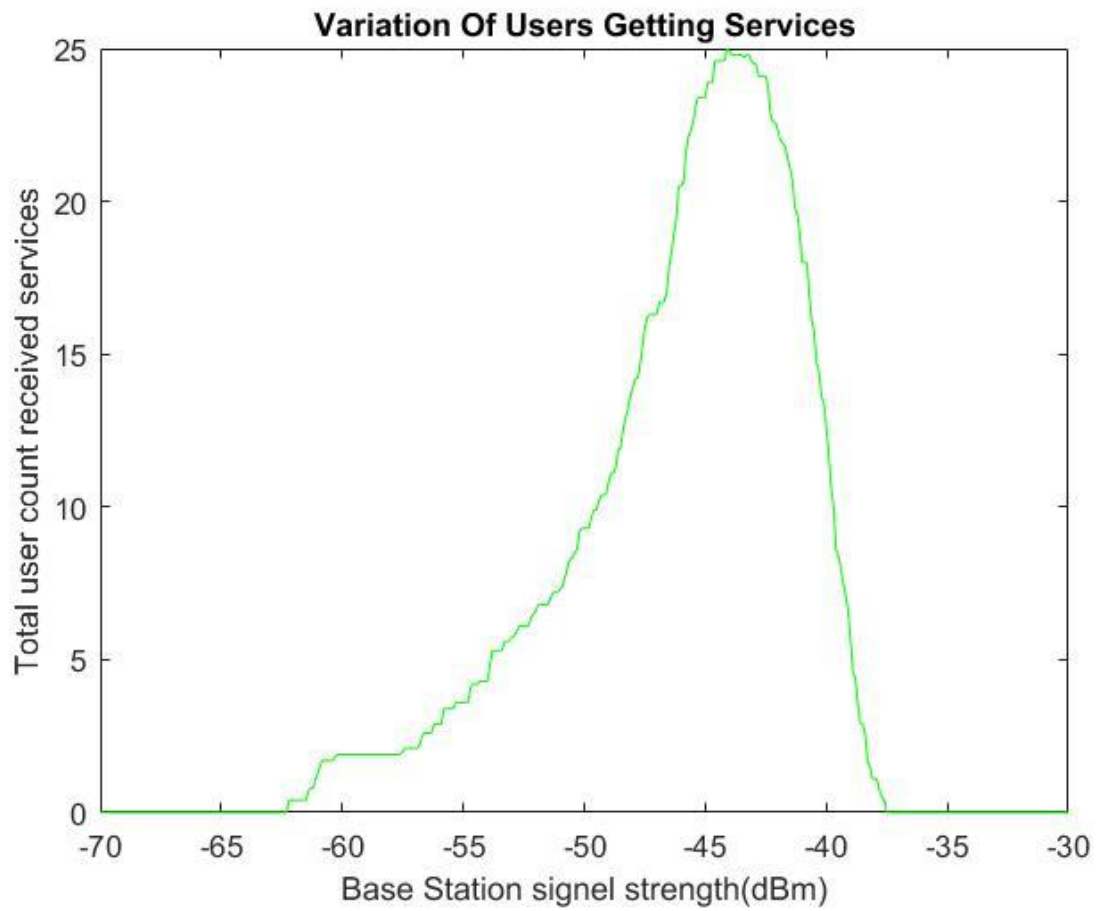
Max users 25 at -43.00 dBm

When Step Size = 0.5



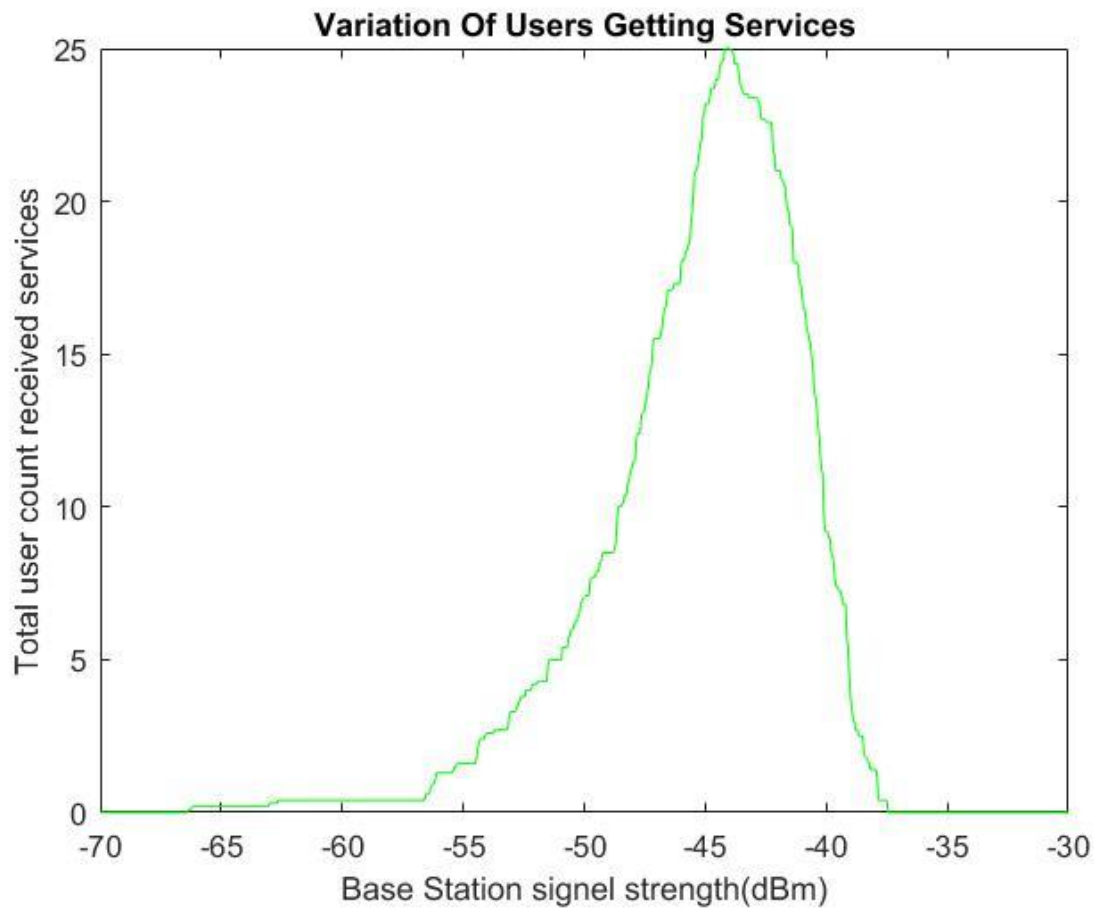
Max users 25 at -43.50 dBm

When Step Size = 0.1



Max users 24 at -44.00 dBm

When Step Size = 0.05



Max users 25 at -44.30 dBm