# Exp9: Flat Fading

**Name: EXP 9**
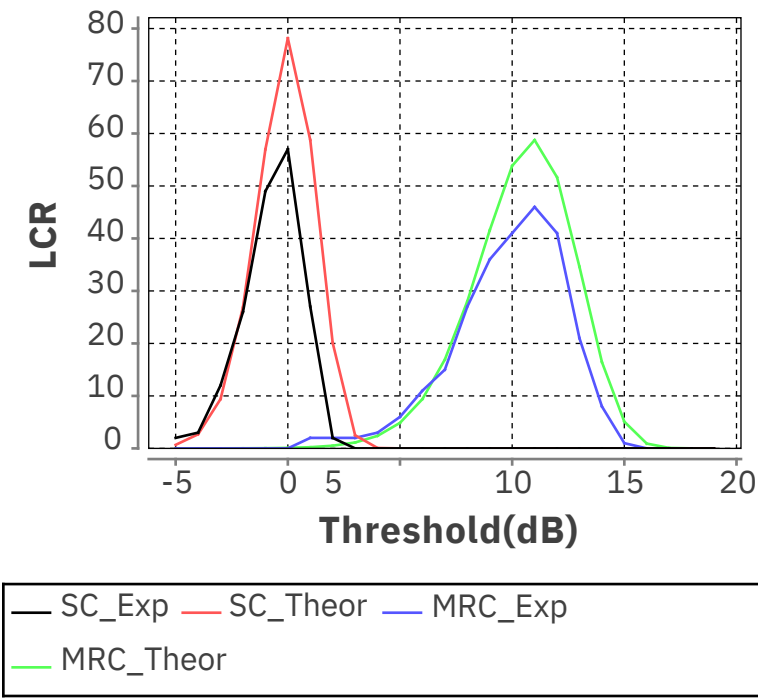
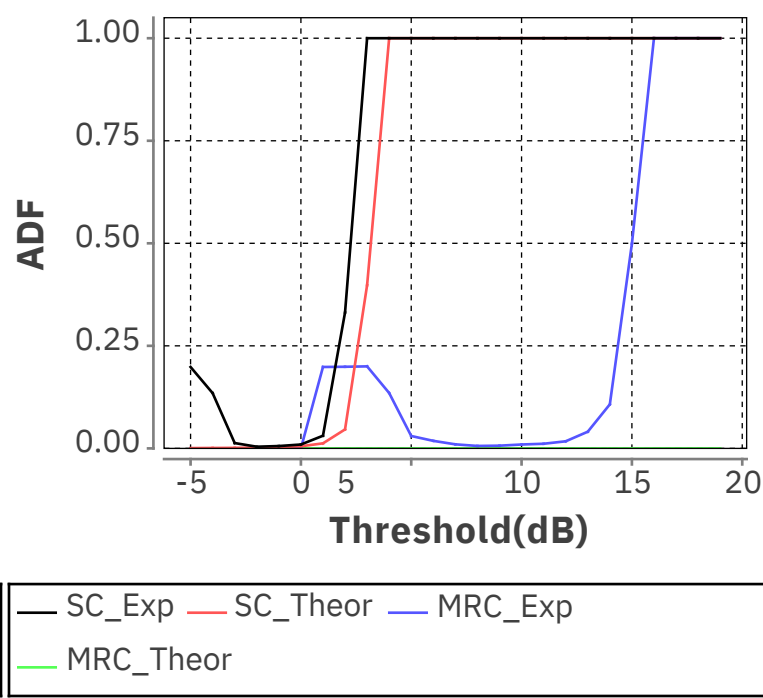_____

## Channel
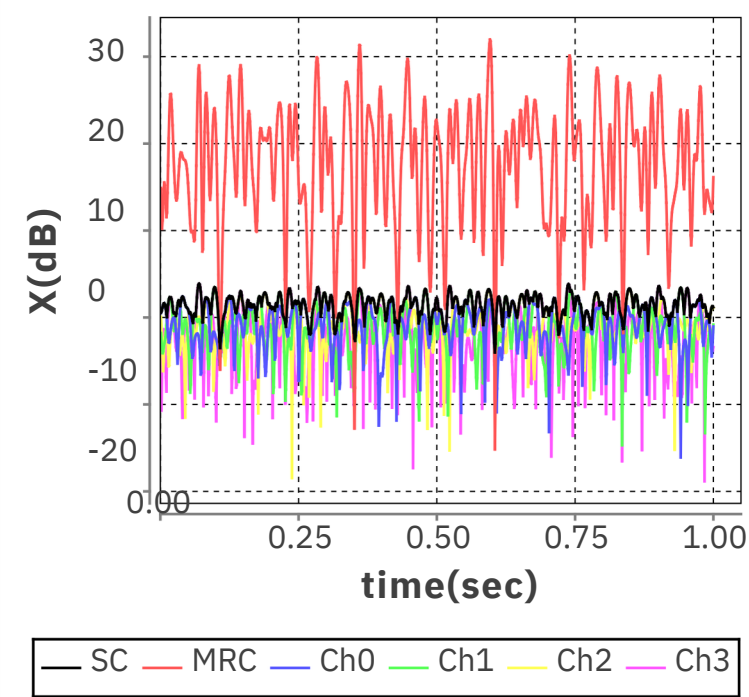
## Prob vs Th (M=4)
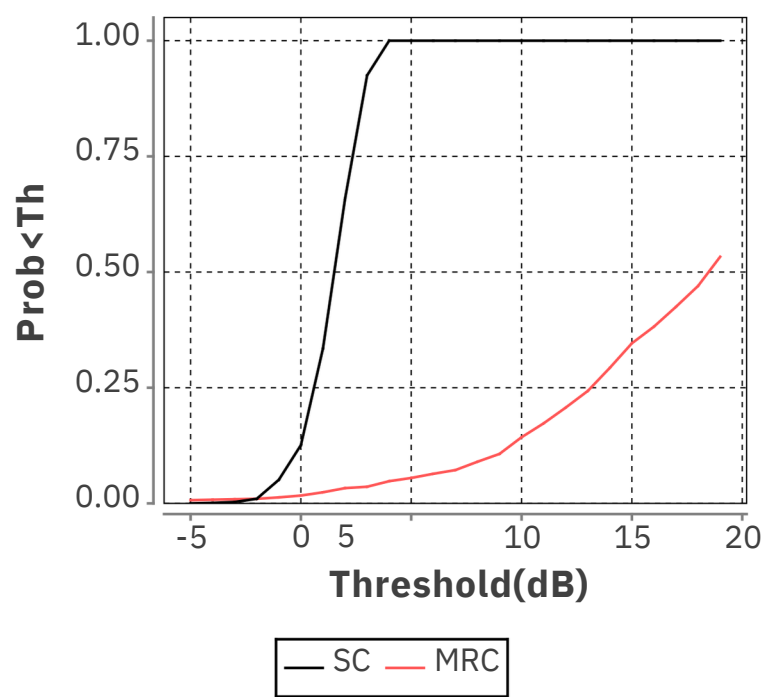
## LCR vs Th

## ADF vs Th

| Input Parameters | |
|---|---|
| No.of Multipaths | 3 |
| No.Samples | 1000 |
| Sampling Time(sec) | 0.001 |
| fc(Hz) | 9.0E8 |
| Velocity(mps) | 20.0 |
| Threshold(dB) | 0.0 |
| No.of Branches | 4 |
| Avg SNR(dB) | 5.0 |

| Results | | | | |
|---|---|---|---|---|
| Type | LCR(Exp) | LCR(Th) | ADF(Exp) | ADF(Th) |
| SC(Actual) | 57.0 | 78.1529 | 0.0095 | 0.0052 |
| SC(Entered) | 0.0 | 0.0 | 0.0 | 0.0 |
| MRC(Actual) | 0.0 | 0.0977 | 0.0 | - |
| MRC(Entered) | 0.0 | 0.0 | 0.0 | - |

## Discussion:

Enter your discussion here...

(Signature of EXP 9)

(Signature of Faculty)