

# Fading Channels & Mobile Communications

IIT Kharagpur

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## Exp 8: Handoff

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### Input Parameters

Reuse: 3 ,Model: Rune	Pt(dBm): 34
fc(GHz): 2.4	Beam Width(deg): 70
Rotate(deg): 30	Cell Radius(m): 100
hT(m): 10	hM(m): 1
Sigma(dB): 4	Vertical Tilt(deg): 12
SNR(dB): 5	Band Width(MHz): 5
Noise Figure(dB): 7	Noise Power(dBm): -100.01
Pr0(dBm): -95.01	Time Slot(s): 20

### Exp. Results

SNR	No.Call drops	No.Hand offs	Delta1	Delta2	Reading Time(ms)	Outage Time(ms)	% Outage	Alpha
5.0	2.0	15.0	3.0	3.0	20016.0	1728.0	8.63	0.1

### Observation

Observation not entered

(Signature of DEBAGNIK KAR)

(Signature of Faculty)