

Fading Channels & Mobile Communications

IIT Kharagpur

Date: 26/Aug/2022

Exp 8: Handoff

Name: VARUN

Input Parameters

Reuse: 4 ,Model: Urban Micro	Pt(dBm): 41
fc(GHz): 2.5	Beam Width(deg): 70
Rotate(deg): 30	Cell Radius(m): 116
hT(m): 10	hM(m): 1.5
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): 200

Exp. Results

SNR	No.Call drops	No.Hand offs	Delta1	Delta2	Reading Time(ms)	Outage Time(ms)	% Outage	Alpha
5.0	0.0	16.0	3.0	3.0	200704.0	1568.0	0.78	0.1
5.0	0.0	15.0	3.0	3.0	200704.0	0.0	0.0	0.1
5.0	0.0	16.0	3.0	3.0	200704.0	0.0	0.0	0.1

Observation

Observation not entered

(Signature of VARUN)

(Signature of Faculty)