Fading Channels &Mobile Communications

IIT Kharagpur

Date: Apr/16/2024

Exp 8: Handoff

Name: B6 BATCH

Input Parameters	
Reuse: 3 ,Model: Rune	Pt(dBm): 34
fc(GHz): 0.8	Beam Width(deg): 70
Rotate(deg): 30	Cell Radius(m): 50
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.Calldr ops	No.Hand offs	Delta1	Delta2	Reading Time(ms)	Outage Time(ms)	% Outage	Alpha
5.0	6.0	6.0	3.0	3.0	20016.0	11376.0	56.83	0.1
5.0	1.0	7.0	3.0	3.0	20016.0	1008.0	5.04	0.1
5.0	22.0	21.0	3.0	3.0	20016.0	15048.0	75.18	0.1
5.0	25.0	24.0	3.0	3.0	20016.0	14976.0	74.82	0.1
5.0	8.0	58.0	3.0	3.0	20016.0	324.0	1.62	0.1
5.0	0.0	6.0	3.0	3.0	20016.0	0.0	0.0	0.1

Observation
Observation not entered

(Signature of B6 BATCH)

(Signature of Faculty)