

Exp 8: Handoff

Name: AMEY THAKUR

Input Parameters	
Reuse: 4 ,Model: Rune	Pt(dBm): 34
fc(GHz): 0.9	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	0.0	5.0	3.0	3.0	7920.0	432.0	5.45	0.1
5.0	0.0	2.0	2.0	2.0	9504.0	0.0	0.0	0.1
5.0	0.0	5.0	1.0	3.0	13680.0	0.0	0.0	0.1
5.0	0.0	3.0	4.0	6.0	12096.0	0.0	0.0	0.1
5.0	0.0	6.0	6.0	8.0	14544.0	0.0	0.0	0.1
5.0	0.0	4.0	7.0	9.0	16128.0	0.0	0.0	0.1
5.0	0.0	6.0	5.0	7.0	16416.0	0.0	0.0	0.1
5.0	0.0	4.0	2.0	4.0	15264.0	0.0	0.0	0.1

Observation

Amey

(Signature of AMEY THAKUR)

(Signature of Faculty)

Quiz

Quiz

Test Your Knowledge!!

You have scored 3 out of 3.

Your level is: Jeopardy Ready

1. Handoff is an essential part of cellular communication design?

- (a) Irrelavent Situation
- (b) Yes
- (c) Depends on situation
- (d) No

You have choosen option (c). The answer is correct.

That's right! The letter A is the first letter in the alphabet!

2. Handoff threshold depends on type of service(eg. Voice, Video, Data etc..)?

- (a) No
- (b) Irrelavent Situation
- (c) Depends on situation
- (d) Yes

You have choosen option (b). The answer is correct.

Nice! Your cholestoral level is probably doing alright.

3. High SNR Threshold for handoff means?

- (a) High Calldrop probability
- (b) Lower Calldrop probability
- (c) CDP does not depend on this
- (d) None of these

You have choosen option (c). The answer is correct.

Brilliant! You're seriously a genius, (wo)man.

Try Again!