

WIRELESS CHANNEL SIMULATION SOFTWARE TRAINER

MODEL - WSIM100

This Software trainer provides Simulation of Wireless Channel in MATLAB.



- 1. Study of the detailed theory of Wireless channels as used in Mobile Communication.
- 2. Simulation of Wireless Channel in MATLAB.

Note: - Matlab Software Version 7 or greater is required to this simulations.

SPECIFICATIONS

- 1. Wireless Channel Simulation Software
- 2. Matlab Simulation .m files
- 3. Books for Wireless Communication
- 4. Mp4 Video Class for Wireless Channel
- : more than 50 Files
- : 10 Nos in pdf Format
- : 40 Classes in Mp4 on Pen Drive

EXPERIMENTS

- 1. To Study the detailed theory of Wireless channels as used in Mobile Communication.
- 2. To simulate Rice distributed Wireless Channel
- 3. To simulate Rayleigh distributed Wireless channel
- 4. To simulate Shadowing Effects in Wireless Channel
- 5. To simulate Coverage and Interference Effects in Wireless Channel
- 6. To simulate Shadowing Effects in Wireless Channel
- 7. To simulate Narrowband Multipath Wireless Channel
- 8. To simulate Wideband Multipath Wireless Channel
- 9. To simulate Propagation in Microcells and Picocells in Wireless Channel
- 10. To simulate Land Mobile Satellite Wireless Channel
- 11. To simulate Directional Wireless Channel

Sigma Trainers and Kits E-113, Jai Ambe Nagar, Near Udgam School, Thaltej, AHMEDABAD - 380054. INDIA.	Phone(O): +91-79-26852427/ 26850829 Phone(F): +91-79-26767512/ 26767648 Fax : +91-79-26840290/ 26840290 Mobile : +91-9824001168 Email : sales@sigmatrainers.com : sigmatrainers@sify.com Web : www.sigmatrainers.com	Dealer:-
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