



# WIRELESS CHANNEL SIMULATION SOFTWARE TRAINER

MODEL - WSIM100

This Software trainer provides Simulation of Wireless Channel in MATLAB.



## FEATURES

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 : more than 50 Files
3. **Books for Wireless Communication : 10 Nos in pdf Format**
4. **Mp4 Video Class for Wireless Channel : 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

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