

2G & 3G Drive Test

Pre-request: GSM and UMTS Courses

Course duration: 24

On completing this course you will be able to:

- understand all about 2G and 3G Drive test problems

Course Content:

Part I 2G RF Engineering

- What is the Drive Test and why we need it
- Types of the different sites
- Mechanical and electrical tilt and its effects
- Types of the tests (2G & 3G)
- Cell file
- Tools used in the DT
- Field problem that should be detected by the DT
- 2G (Case analysis)
 - Overshooting cells
 - Cross sectors
 - Cross feeders and its types
 - Missing neighbor
 - Dropped call.
 - Blocked call.
 - HO failure.

Part II 3G RF Engineering

- 3G (Case analysis)
- Overshooting
- Cross sector
- Cross feeder
- Missing neighbor
- Dropped call.
- Blocked call.
- Pilot pollution
- HO from UTRAN failure