

LTE Carrier Aggregation

COURSE OUTLINE



COURSE DETAILS

Training Objective: By the end of the course, the participants will understand basics of LTE Carrier Aggregation and its benefits.

Duration of Training: 0.5 Days

Max Number of Participants: 15

Prerequisite: General knowledge of LTE mobile communication networks.

Module List Detailed

Module 1: LTE-Advanced Rel-10

Topics discussed in this module are listed below:

- INTRODUCTION TO LTE ADVANCED (REL-10) LTE ADVANCED REQUIREMENTS
- LTE-ADVANCED ARCHITECTURE
- UE CATEGORIES

Module 2: LTE-Carrier Aggregation

Topics discussed in this module are listed below:

- RF Aspects
 - CA Primary and Secondary Cells
 - PUCCH Changes due to CA
- Mobility
 - CA Deployment Scenarios
 - Rel-11 Carrier Aggregation Enhancements
 - Dual Connectivity for LTE
 - CA vs Dual Connectivity
 - Rel. 13 Carrier Aggregation