TK945: 5G Signaling

Target

Personnel who optimize 5G Radio Algorithm and Parameters

Personnel who optimize and monitor 5G Network Signaling

Duration

3 Days

Prerequisites

Good knowledge about general telecommunications background

Course Content

1. Standards, Architecture and Network Functions
   - 1.1. 5G Standards
   - 1.2. 5G Architecture
   - 1.3. 5G Network Functions
2. 5G NR Protocols and Signaling
   - 2.1. 5G NR Channel
   - 2.2. 5G NR Physical Layer
   - 2.3. 5G NR Layer 2 Operation
   - 2.4. 5G NR RRC Signaling
3. 5G Core Protocols and Signaling
   - 3.1. 5G Core Network Interfaces and Protocols
   - 3.2. 5G Core Signaling
4. Mobility Operation and Signaling
   - 4.1. UE mobility while in idle mode
   - 4.2. UE mobility while in connected mode
   - 4.3. Inter-RAT Mobility

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