

The purpose of Over-The-Air (OTA) testing is to verify LTE performance in mobile environment, optimize system settings under various environments. Gain knowledge about mobile user experience, provide insight to commercial deployment.

Customer scenario tests will use the two-three cells over the air eNB sites between Lisle and Naperville to perform handoffs using predefined drive paths.

The following tables contain Key Performance Indicators (KPIs) to be verified in the OTA test. KPIs such as Attach Success Rate, Paging Success Rate, Handover Success Rate, are to be monitored in OTA tests. It is not practical in the OTA environment to run enough test repetitions that can provide significant statistics to verify these KPIs, so only abnormal phenomenon are to be noted.