

# Measure and analyze mobile network quality in Drive Test

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**Abstract:** In the increasingly prevalent context of mobile services, the issue of network quality has become an important factor that needs to be addressed. This topic focuses on measuring and analyzing mobile network quality through the Drive Test method to identify aspects affecting network performance. The main objective of the research is to build a Drive Test system capable of automating and standardizing the measurement process, while providing detailed data on mobile service quality. The approach includes both theoretical research on measurement techniques and experimental deployment on moving vehicles to collect data. The expected results of this topic will contribute to improving mobile service quality and supporting the network optimization process.

**Keywords:** Drive Test, Mobile Network Quality, Mobile Technology, Automation System, Real-world Testing