



Executive Summary

This document describes the test plan for the European Union's co-founded AutoNet2030 research project. This plan contains both tests that can be performed in laboratory environment and tests that need to be conducted in a vehicle out in the field. The first integration session will be arranged during week 43. The test week will take place in Sweden, at the Björkvikring test track near the Nyköping city, with the main focus on field-testing. The main objective of this document is to have a plan for validating the functionality of the whole AutoNet2030 system and to confirm that it meets the specifications defined in previous deliverables.

System tests will be performed on three levels: system level, vehicle level and module level. A set of user stories has been defined, for both highway and urban scenarios, which are used to verify the functionality of the whole AutoNet2030 system (high level testing). The focus for vehicle level tests is to ensure that the functionality on respective vehicle is correct. Module level tests will validate each module individually and can be performed without a vehicle.

The results from this test plan will be used for further investigations when scaling-up to dense traffic scenarios. Contributions to the development, standardization and demonstration of a fail-safe automated driving technology are the project goals.