

**3rd Generation Partnership Project;  
Technical Specification Group TSG RAN  
Universal Terrestrial Radio Access (UTRA) and Evolved  
Universal Terrestrial Radio Access (E-UTRA);  
Radio measurement collection for Minimization of Drive Tests  
(MDT);  
Overall description;  
Stage 2  
(Release 10)**

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Keywords

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# Foreword

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# Introduction

Using drive tests for network optimization purposes is costly and causes also additional CO<sub>2</sub> emissions, so it is desirable to develop automated solutions, including involving UEs in the field, in 3GPP to reduce the operator costs for network deployment and operation. The studies done as part of the study item phase have shown that it is beneficial to collect UE measurements to enable a more efficient network optimisation and it is feasible to use control plane solutions to acquire the information from devices. This information, together with information available in the radio access network can be used for Coverage Optimization purposes.

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