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Intelligent Transport Systems (ITS);
Mitigation techniques to avoid interference between European CEN Dedicated Short Range Communication (RTTT DSRC) equipment and Intelligent Transport Systems (ITS) operating in the 5 GHz frequency range;
Evaluation of mitigation methods and techniques

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Foreword

This Technical Report (TR) has been produced by ETSI Technical Committee Intelligent Transport System (ITS).

Introduction

Without the use of special mitigation techniques, European CEN Dedicated Short Range Communication (DSRC) equipment operating in the frequency range from 5 795 MHz to 5 815 MHz might suffer from harmful interference caused by Intelligent Transport Systems (ITS) using adjacent frequency bands. The present document will evaluate the detailed need of mitigation techniques and the corresponding parameters to avoid this interference. The evaluation is based on simulations and measurements.