



International Standard

Redline version
compares Fourth edition
to Fifth edition



ISO 11451-2

Road vehicles — Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy —

Part 2: Off-vehicle radiation sources

*Véhicules routiers — Méthodes d'essai d'un véhicule soumis
à des perturbations électriques par rayonnement d'énergie
électromagnétique en bande étroite —*

Partie 2: Sources de rayonnement hors du véhicule

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Foreword

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~~The committee responsible for this document is~~ This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electrical and electronic components and general system aspects*.

~~Annex A of this part of ISO 11451 is for information only.~~

This ~~fourth~~^{fifth} edition cancels and replaces the ~~third edition (ISO 11451-2:2005)~~^{fourth edition (ISO 11451-2:2015)} which has been technically revised.

~~ISO 11451 consists of the following parts, under the general title *Road vehicles – Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy*.~~

The main changes are as follows:

- test setup in charging mode has been upgraded according to state-of-the-art and the wireless power transfer (WPT) charging mode has been added;
- calibration: 4-probe calibration applies now in transmission line system (TLS) and for antennas up to 6 GHz;

~~Part 1: General principles and terminology~~

field uniformity has been modified up to 6 GHz by adding one position 1 m in front of the reference line and changing the calculation (the average of 4-probe measurement up to 6 GHz);

~~Part 2: Off vehicle radiation sources~~

precision about testing the vehicle with other orientation than front illumination has been added;