

International Standard

Redline version compares Fourth edition to Fifth edition



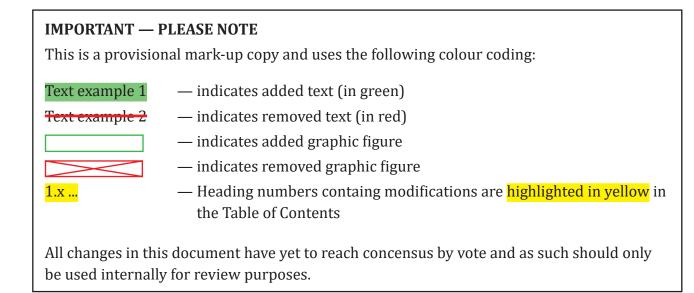
ISO 11451-2

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

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 6349a8c2-3b4d-4di 6838c-69c5315b617c/iso-11451-2-2025



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ISO 11451-2:redline:2025(en)

| Cor | ntents | Page | | |
|----------------|---|---------------|--|--|
| Fore | word | vii | | |
| 1 | Scope | | | |
| 2 | Normative references | | | |
| <mark>3</mark> | Terms and definitions | | | |
| <mark>4</mark> | Test conditions | 2 | | |
| 5 | | | | |
| <mark>6</mark> | Test instrumentation | 6 | | |
| | 6.1 General | 6 | | |
| | 6.2 Field generating device | 6 | | |
| | 6.2 6.3 | 0 | | |
| | Field probes | 9 | | |
| | Stimulation and monitoring of the device under test (DUT) | 9 | | |
| 7 | Test set-up | | | |
| | 7.1 General 7.1 7.2 | 9 | | |
| | Vehicle placement | 9 | | |
| | 7.2 7.3 Field generating device location (relative to vehicle and shielded enclosure) | 0 | | |
| | 7.3.1 General | 9 | | |
| | 7.2.1 7.3.2 | 10 | | |
| | Antenna constraints | 10 | | |
| | TLS constraints | | | |
| | 7.3 7.4 Vehicle test configurations | 10 | | |
| | 7.4.1 General | | | |
| | //standa 7.3.1 7.4.2 | -2025 | | |
| | Vehicle not connected to the power grid 7.4.3 Vehicle in charging mode 1 or mode 2 (AC powered, without communication) | | | |
| | 7.3.2 7.4.4 | | | |
| | Vehicle in charging mode connected to the power grid 3 or mode 4 (AC or DC powered, with communication) | | | |
| | 7.3.3 7.4.5 | | | |
| | Vehicle in charging mode through wireless power transmission (WPT) WPT | | | |
| 8 | Test procedure 8.1 General | 29 | | |
| | <mark>8.1</mark> —8.2 | | | |
| | Test plan | | | |
| | 8.2 8.3 Test method | | | |
| | 8.3.1 General | | | |
| | <mark>8.2.1</mark> —8.3.2 Field calibration | 31 | | |
| | 8.3.3 Vehicle test | | | |
| | <mark>8.3 —</mark> 8.4 Test report | Δ.Δ. | | |
| Ann | ex A (informative) Function performance status classification (FPSC) | | | |
| | ex B (informative) Evaluation of test instrumentation uncertainty | | | |
| | ex C (informative) Testing with multiple signals | | | |
| | conternative, result multiple signals | | | |

ISO 11451-2:redline:2025(en)

| <mark>Annex D</mark> | (informative) | Guidelines for testing large vehicles | ť |
|----------------------|---------------|---------------------------------------|---|
| Bibliogra | aphy | | , |

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<u>ISO 11451-2:2025</u>

https://standards.iteh.ai/catalog/standards/iso/c349a8c2-3b4d-4dbf-838c-69c5315b617c/iso-11451-2-2025

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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 fourthfifth edition cancels and replaces the third edition (ISO 11451-2.2005fourth 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;