



**International
Standard**

ISO 11451-1

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

**Part 1:
General principles and terminology**

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

Partie 1: Principes généraux et terminologie

**Fifth edition
2025-06**



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Foreword

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electrical and electronic components and general system aspects*.

This fifth edition cancels and replaces the fourth edition (ISO 11451-1:2015), which has been technically revised.

The main changes are as follows:

- update in [Table 1](#);
- update on modulations (type and frequency range);
- technical revision of [Annex B](#);
- new [Annex D](#) on broadband test signal generation;
- new [Annex E](#) on evaluation of test instrumentation uncertainties.

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