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

**Part 2:
Absorber-lined shielded enclosure**

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

Partie 2: Chambre anéchoïque





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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Test conditions	1
5 Test location	2
6 Test apparatus and instrumentation	2
6.1 General	2
6.2 Measuring equipment	2
6.3 Stimulation and monitoring of DUT	3
7 Test set-up for DUT powered by an unshielded power system	3
7.1 Ground plane	3
7.2 Power supply and AN	3
7.3 Location of DUT	4
7.4 Location of test harness	4
7.5 Location of load simulator	4
7.6 Location of field generating device (antenna)	4
8 Test setup for DUT powered by a shielded power system	11
8.1 Ground plane	11
8.2 Power supply and AN	11
8.3 Location of DUT	11
8.4 Location of test harness	12
8.5 Location of load simulator	12
8.6 Location of field generating device (antenna)	13
9 Test method	31
9.1 General	31
9.2 Test plan	31
9.3 Test procedure	32
9.3.1 General	32
9.3.2 Substitution method	32
9.3.3 Field calibration	32
9.3.4 DUT test	33
9.4 Test report	33
Annex A (informative) Remote/local grounding	34
Annex B (informative) Function performance status classification (FPSC)	36
Bibliography	37

Foreword

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electric and electronic equipment*.

This third edition cancels and replaces the second edition (ISO 11452-2:2004), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a) introduction of reference to additional artificial networks (HV-AN, AMN, AAN) for DUT powered by a shielded power system;
- b) precisions for ground plane dimensions;
- c) suppression of the minimum distance requirement between rear of horn antenna and absorbers;
- d) addition of test set-up descriptions and Figures for DUT powered by a shielded power system;
- e) suppression of [Annex A](#) relative to artificial networks which are now defined in ISO 11452-1; and
- f) update of previous Annex C to be in line with new functional performance status classification (FPSC) format.

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Introduction

Immunity measurements of complete vehicles are generally able to be carried out only by the vehicle manufacturer, owing to, for example, high costs of an absorber-lined shielded enclosure (ALSE), the desire to preserve the secrecy of prototypes or a large number of different vehicles models.

For research, development and quality control, a laboratory measuring method can be used by both vehicle manufacturers and equipment suppliers to test electronic components.

