ISO 11452-8:2007-07 (E)

Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Test conditions 1
3.1 General 1
3.2 Frequency step sizes 2

4 Test location 2

5 Test apparatus description and specification 2
5.1 General 2
5.2 Field generating device 3
5.3 Current monitor 4
5.4 Magnetic field intensity monitor 4
5.5 Stimulation and monitoring of the DUT 4

6 Test set-up 5
6.1 General 5
6.2 Power supply 5
6.3 Location of the test harness 5
6.4 Radiating loop method 5
6.5 Helmholtz coil method 6

7 Test procedure 8
7.1 General 8
7.2 Test plan 8
7.3 Test method 9
7.4 Test report 13

Annex A (informative) Function performance status classification (FPSC) and test severity levels 14

Bibliography 17