

# 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

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Test conditions .....</b>	<b>1</b>
<b>3.1</b>	<b>General .....</b>	<b>1</b>
<b>3.2</b>	<b>Frequency step sizes .....</b>	<b>2</b>
<b>4</b>	<b>Test location .....</b>	<b>2</b>
<b>5</b>	<b>Test apparatus description and specification .....</b>	<b>2</b>
<b>5.1</b>	<b>General .....</b>	<b>2</b>
<b>5.2</b>	<b>Field generating device .....</b>	<b>3</b>
<b>5.3</b>	<b>Current monitor .....</b>	<b>4</b>
<b>5.4</b>	<b>Magnetic field intensity monitor .....</b>	<b>4</b>
<b>5.5</b>	<b>Stimulation and monitoring of the DUT .....</b>	<b>4</b>
<b>6</b>	<b>Test set-up .....</b>	<b>5</b>
<b>6.1</b>	<b>General .....</b>	<b>5</b>
<b>6.2</b>	<b>Power supply .....</b>	<b>5</b>
<b>6.3</b>	<b>Location of the test harness .....</b>	<b>5</b>
<b>6.4</b>	<b>Radiating loop method .....</b>	<b>5</b>
<b>6.5</b>	<b>Helmholtz coil method .....</b>	<b>6</b>
<b>7</b>	<b>Test procedure .....</b>	<b>8</b>
<b>7.1</b>	<b>General .....</b>	<b>8</b>
<b>7.2</b>	<b>Test plan .....</b>	<b>8</b>
<b>7.3</b>	<b>Test method .....</b>	<b>9</b>
<b>7.4</b>	<b>Test report .....</b>	<b>13</b>
<b>Annex A (informative) Function performance status classification (FPSC) and test severity levels ..</b>		<b>14</b>
<b>Bibliography .....</b>		<b>17</b>