DIN EN ISO 11904-2:2021-06 (E)

Acoustics - Determination of sound immission from sound sources placed close to the ear - Part 2: Technique using a manikin (ISO 11904-2:2021)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **7**

2 Normative references ... **7**

3 Terms and definitions ... **7**

4 Measurement principle ... **8**

5 Instrumentation ... **9**
5.1 Manikin (head and torso simulator) ... 9
5.2 Check of calibration ... 9
5.3 Filters ... 9

6 Determination of free-field or diffuse-field related equivalent continuous A-weighted sound pressure level ... **9**
6.1 Measurement of manikin sound pressure level ... 9
6.2 Conversion to free-field or diffuse-field related sound pressure level ... 10
6.3 A-weighting and summation ... 12

7 Test report ... **12**

Annex A (informative) **Examples of sources of measurement uncertainty** ... **13**

Annex B (informative) **Example of an uncertainty analysis** ... **20**

Bibliography ... **24**