

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