

ISO 9296:2017-08 (E)

Acoustics - Declared noise emission values of information technology and telecommunications equipment

| Contents | | Page |
|---|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 2 |
| 3 | Terms and definitions | 2 |
| 3.1 | General definitions | 2 |
| 3.2 | Definitions relating to acoustics | 3 |
| 3.3 | Definitions relating to statistics | 4 |
| 4 | Conformity requirements | 5 |
| 4.1 | For declaration | 5 |
| 4.2 | For verification | 6 |
| 5 | Determination of the noise emission values to declare | 6 |
| 5.1 | General | 6 |
| 5.2 | Determination of the declared mean A-weighted sound power level, LWA,m | 6 |
| 5.3 | Determination of the declared mean A-weighted emission sound pressure level, LpA,m | 7 |
| 5.4 | Determination of the statistical adder for verification, Kv | 7 |
| 6 | Presentation of declared noise emission values | 7 |
| 6.1 | Required information | 7 |
| 6.2 | Additional information | 8 |
| 7 | Verification of the statistical upper limit A-weighted sound power level, LWA,c | 8 |
| 7.1 | General | 8 |
| 7.2 | Verification of LWA,c for a batch of equipment | 8 |
| Annex A (normative) Procedure for determining the statistical adder for verification, Kv | | 10 |
| Annex B (informative) Examples of noise emission declarations | | 13 |
| Annex C (informative) Character of noise | | 15 |
| Bibliography | | 16 |