

# ISO 4869-6:2019 (E)

## Acoustics — Hearing protectors — Part 6: Determination of sound attenuation of active noise reduction earmuffs

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Symbols and abbreviated terms
5	Testing
5.1	Specimens and conditioning
5.2	Test conditions
5.3	Test signals
5.3.1	Broadband noise for measuring active insertion loss
5.3.2	Red noise for testing linear operation
5.4	Test method
5.4.1	General
5.4.2	Oscillation and acoustic malfunction
5.4.3	Active insertion loss
5.4.4	Maximum sound pressure level for linear operation
5.5	Calculation of the total attenuation
5.6	Test report
Annex A	(normative) Uncertainty of the mean active insertion loss of ANR earmuffs
A.1	General
A.2	Uncertainty within a laboratory

Page count: 11