# AES standard on acoustics -Sound source modeling -Loudspeaker polar radiation measurements

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#### **Abstract**

This standard describes how the measurements of loudspeaker polar radiation data shall be made and documented. This acquired data is suitable for application in room acoustic, electro-acoustic, and sound system predictions, and loudspeaker data sheets.

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## **Contents**

Foreword	3
Addendum 2009-03-10	3
Introduction	4
1 Scope	4
2 Normative references	4
3 Definitions and abbreviations	5
4 Loudspeaker Polar Radiation data set	6
4.1 Measurement conditions	6
4.1.1 Measurement distance	
4.1.2 Measurement repeatability	
4.2 Spatial resolution	
4.2.1 General4.2.2 Type A measurements	
4.2.3 Type B measurements	
4.3 Data representation	
4.3.1 Polar radiation file set	
4.3.2 Impulse response files	
4.3.3 Impulse response size	
4.3.4 Impulse response scaling	
4.5 Text information	
Annex A: Informative References	
Annex B: Drawing file types	
Annex C: Text Information format	1 4
C 1 Text Information File Format	14

## **Foreword**

This foreword is not part of the AES56-2008, AES standard on acoustics - Sound source modeling - Loudspeaker polar radiation measurements.

This document was prepared by a writing group of the SC-04-01 Working Group on Acoustics and Sound Source Modeling of the SC-04 Subcommittee on Acoustics in fulfillment of project AES-X83, Loudspeaker Polar Radiation Measurements. The following members contributed: W. Ahnert, B. Olson, S. Feistel, R. Campbell, J. Malek, R. Sauro, B. Dalenback, J. Woodgate, and M. Yonge.

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NOTE In AES standards documents, sentences containing the word "shall" are requirements for compliance with the document. Sentences containing the verb "should" are strong suggestions (recommendations). Sentences giving permission use the verb "may". Sentences expressing a possibility use the verb "can".

### Addendum 2009-03-10

The notes to clause 4.2.3.1, 4.2.3.2, and 4.2.3.3 have been updated to clarify various practical cases.

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