



BSI Standards Publication

Scales and sizes for plotting frequency characteristics and polar diagrams

National foreword

This British Standard is the UK implementation of EN IEC 60263:2020. It is identical to IEC 60263:2020. It supersedes BS 6397:1983, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/29, Electroacoustics.

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English Version

Scales and sizes for plotting frequency characteristics and polar diagrams
(IEC 60263:2020)

Échelles et dimensions des graphiques pour le tracé des courbes de réponse en fréquence et des diagrammes polaires
(IEC 60263:2020)

Skalen und Größenverhältnisse zur Darstellung von Frequenzkurven und Polardiagrammen
(IEC 60263:2020)

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European foreword

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SCALES AND SIZES FOR PLOTTING FREQUENCY
CHARACTERISTICS AND POLAR DIAGRAMS**

FOREWORD

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International Standard IEC 60263 has been prepared by IEC technical committee TC 29: Electroacoustics.

This fourth edition cancels and replaces the third edition published in 1982. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the scope is expanded to include electronic files (e.g., PDF), scientific publications, graphs in other standards, and screen displays in programs and apps;
- b) a Terms and Definitions clause has been added;
- c) aspect ratios of 20 dB/decade, and 0,5, 1, 1,25, and 2,5 decades/decade have been added;
- d) ranges of 60 dB or 30 dB are specified for polar plots of absolute level; a 30 dB range is specified for polar plots of relative level;
- e) as most graphs are now computer generated, tolerances and sizes have been removed;
- f) all informative figures have been updated with contemporary examples;