

Anechoic Range Design For Electromagnetic Measurements Electromagnetics Library



Anechoic Range Design For Electromagnetic Measurements (Electromagnetics Library) by Vince Rodriguez

★★★★★ 5 out of 5

Language : English
File size : 30168 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 403 pages



Anechoic ranges are specialized facilities used to conduct electromagnetic measurements in a controlled and interference-free environment. They are used for a variety of applications, including RF testing, antenna testing, and EMC testing.

The design of an anechoic range is critical to its performance. The range must be large enough to accommodate the test object and provide sufficient clearance for the measurement equipment. The walls, ceiling, and floor of the range must be covered with anechoic material to absorb electromagnetic energy and prevent reflections.

Anechoic Range Design for Electromagnetic Measurements provides comprehensive coverage of the design, construction, and operation of

anechoic ranges. The book is written by a team of experts with decades of experience in the field.

What's Inside

Anechoic Range Design for Electromagnetic Measurements covers the following topics:

* The basics of electromagnetic measurements * The design of anechoic chambers * The construction of anechoic chambers * The operation of anechoic chambers * The measurement of electromagnetic fields * The testing of antennas * The testing of electronic devices

Who Should Read This Book

Anechoic Range Design for Electromagnetic Measurements is a valuable resource for anyone involved in the design, construction, or operation of anechoic ranges. The book is also useful for engineers who need to understand the basics of electromagnetic measurements.

Reviews

"Anechoic Range Design for Electromagnetic Measurements is a comprehensive and well-written book that provides a valuable resource for anyone involved in the design, construction, or operation of anechoic ranges." - IEEE Antennas and Propagation Society

"This book is a must-have for anyone involved in the field of electromagnetic measurements." - RF Design Magazine

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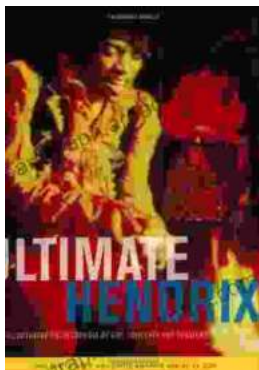
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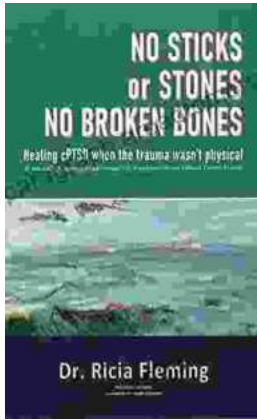
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