IEEE Electromagnetic Compatibility Collection: VuSpec™

This value-packed VuSpec CD-ROM represents the most complete resource available for professional engineers looking for best practices and techniques covering the compatibility of the electromagnetic effects of systems with both themselves and their intended operating environments. It includes standards, measurement techniques, test procedures, instrumentation, equipment and systems characteristics, interference control techniques and components, educational tutorials, computational analysis, and spectrum management.

This unique CD-ROM for Window computers includes an exclusive hyperlinked Overview from world-renowned EMC expert, Donald Heirman. You will be guided to the right standard available today and will discover what future standards are being developed and why. Major details involved in developing IEEE EMC Standards from the first one on record in 1950 to the ones that have launched new technologies are presented.

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- IEEE Std 776-1992 (Revision of IEEE Std 776-1987), IEEE Recommended Practice for Inductive Coordination of Electric Supply and Communication Lines
- IEEE Std 1140-1994, IEEE Standard Procedures for the Measurement of Electric and Magnetic Fields From Video Display Terminals (VDTs) From 5 Hz to 400 kHz
- IEEE Std 1302-1998, IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 18 GHz
- IEEE Std 1309-2005, IEEE Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz
- IEEE Std 1460-1996 (R2002), IEEE Guide for the Measurement of Quasi-Static Magnetic and Electric Fields
- IEEE Std 1528-2003, IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
- IEEE Std 1528a-2005, (Amendment to IEEE Std 1528-2003) IEEE RP for Determining the Peak Spatial-Average (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques, Amendment 1
- IEEE Std 1560-2005 IEEE Standard for Methods of Measurement of Radio-Frequency Power-Line Interference Filter in the Range of 100 Hz to 10 GHz
- IEEE Std C37.90.2-2004, IEEE Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers
- IEEE Std C63.2-1996 (Revision of ANSI C63.2-1987), American National Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz Specifications
- ANSI C63.4-2003, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
- ANSI C63.5-2006 (Revision of ANSI C63.5-2004) American National Standard Electromagnetic Compatibility„Radiated Emission Measurements in Electromagnetic Interference (EMI) Control„Calibration of Antennas (9 kHz to 40 GHz)
- IEEE Std C63.6-1996 (Revision of ANSI C63.6-1988), American National Standard Guide for the Computation of Errors in Open-Area Test Site Measurements
- ANSI C63.7-2005, American National Standard Guide for Construction of Open-Area Test Sites for Performing Radiated Emission Measurements
- ANSI C63.011-2000, American National Standard for Limits and Methods of Measurement of Radio Distrubance Characteristics of Industrial, Scientific, and Medical (ISM) Radio-Frequency Equipment
- IEEE Std C63.12-1999 (Revision of ANSI C63.12-1987), American National Standard Recommended Practice for Electromagnetic Compatibility Limits
- IEEE Std C63.13-1991, American National Standard Guide on the Application and Evaluation of EMI Power-Line Filters for Commercial Use
- IEEE Std C63.14-1998 (Revision of ANSI C63.14-1992), American National Standard Dictionary for Technologies of Electromagnetic Compatibility (EMC), Electromagnetic Pulse (EMP), and Electrostatic Discharge (ESD)

- ANSI C63.16-1993, American National Standard Guide for Electrostatic Discharge Test
- Methodologies and Criteria for Electronic Equipment
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- ANSI C63.22-2004, American National Standard Guide for Automated Electromagnetic Interference
- IEEE Std C95.1-2005, IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3kHz to 300 GHz
- IEEE Std C95.2-1999, IEEE Standard for Radio-Frequency Energy and Current-Flow Symbols
- IEEE Std C95.3-2002, IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields With Respect to Human Exposure to Such Fields,100 kHz to 300 GHz
- IEEE Std C95.4-2002 IEEE Recommended Practice for Determining Safe Distances from Radio Frequency Transmitting Antennas When Using Electric Blasting Caps During Explosive Operations
- IEEE Std C95.6-2002, IEEE Standard for Safety Levels with Respect to Human Exposure to Electromagnetic Fields,0 to 3 kHz
- IEEE Std C95.7-2005, IEEE Recommended Practice for Radio Frequency Safety Programs, 3 kHz to 300 GHz
- Almost 40 official Archived EMC Standards.