

A simple interactive guide to determine the correct choice of test antenna, based upon test standard requirements. Click each Standard heading below to see Antenna types, or go to Tech Notes on our website



IEEE STD-291

IEEE standard methods for measuring electromagnetic field strength of sinusoidal continuous waves, 30 Hz to 30 GHz

IEEE STD-299

IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures

MIL-STD-461

Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment

FCC part 15

Federal Communications Commission (FCC) rules and regulations, mainly regarding unlicensed transmissions.

TEMPEST

TEMPEST is an unclassified short name referring to investigations and studies of unintentional intelligence-bearing signals.

VCCI

Emissions control in Japan is performed on a voluntary basis, under the supervision of the Voluntary Control Council for Interference (VCCI)

CISPR

The Comite International Special des Perturbations Radioelectriques or in English the International special committee on Radio Interference is best known by its abbreviation CISPR, is a special committee under the sponsorship of the International Electrotechnical Commissions (IEC).

RTCA/DO-160

Environmental Conditions and Test Procedures for Airborne Equipment

ANSI

American National Standard Electromagnetic Compatibility

CTIA

International Association for the Wireless Telecommunications Industry.

ETSI

The European Telecommunications Standards Institute (ETSI) is an independent, non-profit, standardization organization in the telecommunications industry (equipment makers and network operators) in Europe, with worldwide projection.

Welcome to A.H. Systems, Inc.

A.H. Systems has been established since 1974 and manufactures a complete line of affordable, reliable, EMI test equipment. Our individually calibrated EMI Test Antennas, Preamplifiers, Current Probes and Low-Loss Cables satisfy many test standards including CISPR, MIL-STD, FCC, EN, VDE, IEC and SAE. With a wide variety of mounting configurations, we can also offer tripods and accessories that compliment other EMI testing equipment used to complete your testing requirements. We are also committed to providing all of our clients with no cost prompt and professional technical support. Manufacturing high quality products at competitive prices with immediate shipment plus prompt technical support are our goals to improve the quality of your testing requirements.

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