

Specialists in Design, Engineering & Test Solutions

NTS is a world leader in assisting organizations to access domestic and international markets. We are a single source for a full range of integrated engineering solutions, product testing, standards compliance, project management staffing solutions and managed services. Globally accredited by leading regulatory agencies, NTS can provide cost-effective programs to meet your requirements at one of our many U.S. or international facilities, or we can provide onsite solutions. NTS is the nation's largest independent standards compliance and product testing company serving companies within the aerospace, defense, automotive, telecommunications, electronics, power, medical device, computer, software and financial markets.

Engineering Services

The experienced compliance professionals and technological leadership at NTS' numerous U.S., Canadian, and European facilities are available to solve your toughest product integrity problems and your most demanding product introduction needs in the areas of design analysis, testing and compliance. NTS can provide expert consulting and engineering services on your initial designs or later in the design phase to assure that your product meets the appropriate requirements. NTS has experience with Military Standards, FAA, Nuclear (TR-102323), Telecom (GR-63, GR-1089, Interoperability and PFOC) Commercial (FCC & CE Mark), Automotive, and other industrial Environmental requirements. Not only are NTS engineers experts in conducting testing against international standards, they also play a critical role in developing those standards.

Single Source for International Compliance

The vast NTS network of EMC/EMI/ESD/Lightning/HIRF laboratories provide testing and analysis to a multitude of industries, with expertise in testing to military, aerospace, telecommunications and other industry specifications. Capabilities include HIRF levels of greater than 200 V/m susceptibility testing from 10kHz to 40 GHz, up to 40 foot shielded enclosures with anechoic, low frequency magnetic field emissions and susceptibility, and availability of 480VAC, three phase, as well as indirect effects lightning including multi-stroke and multi-burst in accordance with DO-160E, Airbus and Boeing. Harmonic power test measurements for both 400 and 800 Hz aircraft power. NTS certifies telecommunications products to network equipment building systems (NEBS) requirements as well as international standards such as ETSI. NTS also provides complete certification of information technology, industrial and other commercial electronic products to global EMC and product safety regulatory standards, and is a NIST designated U.S. Conformity Assessment Body (CAB) for EMC. NTS can also help you obtain your CE Mark, which signifies that your product meets the EMC Directive. All electronic hardware commercially marketed in the European community must meet these requirements.

World Class Facilities, Worldwide

Contained within NTS laboratories are some of the most advanced equipment available. NTS has numerous FCC/CSA/CISPR listed Certified EMI/EMC 3 and 10 Meter Semi-Anechoic Chambers, Shielded Control Rooms, immunity test chambers, and conducted test stations for cable immunity tests for surge and RF immunity testing. All of our shielded chambers meet the criteria of MIL-STD-461D-E and utilize acquisition software that can be tailored to the clients' test requirements.



3 Meter Test Chamber with Shielded Control Room.



Shielded and Anechoic Chambers available at locations worldwide.



NTS Radiated Immunity Chamber which meets the requirements of EN61000-4-3.

Asia • Canada • Europe • United States

1.800.270.2516 • www.ntscorp.com

Highlights and Primary Resource Capabilities

Highlights

- Radiated Susceptibility up to 200V/m, 10kHz to 40GHz
- Magnetic Susceptibility dc to 10kHz
- HIRF Test Chamber
- Lightning-Multiple Stroke, Multiple Burst, and Single Stroke
- Telecom lightning and power fault testing (GR-1089-CORE)
- 3 and 10 Meter Listed Semi-Anechoic Chambers
- 40' x 40' x 20' Semi-Anechoic Chambers for MIL and Aerospace applications
- TEM Cell and G-strip
- Radiated and conducted emissions, – for CE, FCC, Industry Canada, VCCI, BSMI, Korea Mic Mark, Australia, and New Zealand
- Full CE Immunity

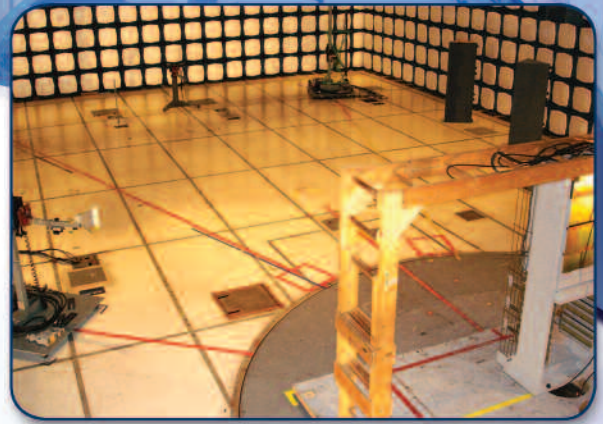
Primary Specifications

- GR-1089-CORE
- RBOC Supplements (Verizon & AT&T)
- EN300-386
- EN55022
- EN55024
- EN61000-4-x
- MIL-STD-461/462
- MIL-STD-704A
- MIL-STD-1275
- RTCA DO-160
- FCC Part 15/18
- VCCI
- BSMI
- IC ICES-003
- IEEE C37.90.1
- IEEE C37.90.2
- ETSI K20, K21
- EN 301 489-01, -xx
- AS/NZS CISPR 22
- CISPR 22
- CISPR 11
- Korea EMI and EMS

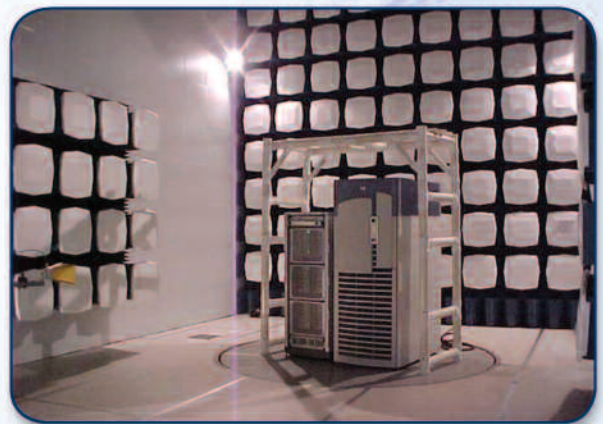
Fully Accredited Laboratories Nationwide

To view NTS' numerous accreditations and approvals, please visit www.ntscorp.com.

Acton, MA	Culver City, CA	Rustburg, VA	Calgary, Alberta, Canada
Albuquerque, NM	Detroit, MI	Santa Clarita, CA	Europe
Boston, MA	Fullerton, CA	Santa Rosa, CA	Asia
Boxborough, MA	Los Angeles, CA	Tempe, AZ	
Camden, AR	Plano, TX	Tinton Falls, NJ	



FCC and Industry Canada listed state-of-the-art 10 Meter Semi-Anechoic EMC Chamber.



EMI/EMC Test in FCC Certified 3 Meter Semi-Anechoic Chamber.



EMI Semi Anechoic Chamber and Shielded Control Room.



24007 Ventura Boulevard • Calabasas, CA 91302 • Tel: 818.591.0776 • Fax: 818.591.0899

1.800.270.2516 • www.ntscorp.com
Your Gateway to Global Markets