



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

NTS Labs, LLC Tinton Falls
New Jersey Facility
36 Gilbert Street South
Tinton Falls, NJ 07701
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ELECTRICAL (EMC/SAFETY)

Valid to: September 30, 2023

Certificate Number 0214.18

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Electromagnetic Compatibility/Interference (EMC/EMI), Lightning Transients, and Surges tests

Tests:

Standard(s)¹:

Emissions

Radiated/Conducted
(3m Semi Anechoic Chamber)

Code of Federal Regulation (CFR) 47, FCC Part 15
(Subpart B) using ANSI C63.4:2014 up to 18 GHz;
ICES-003; VCCI-CISPR 32:2016 (excluding Annex H)
CISPR 22; EN 55022;
CISPR 32; EN 55032 (excluding Annex H)
KS C 9832 (excluding Annex H)
CISPR 11; EN 55011; KS C 9811;
CISPR 141 (Excluding disturbance power, click and
magnetic field measurements)
EN 550141 (Excluding disturbance power, click and
magnetic field measurements)
VCCI V-3 (up to 6 GHz);
MIL -STD-461* (Methods CE01, CE02, CE03,
CE04, RE01, RE02);
MIL -STD-461* (Methods CE101, CE102, CE106
[up to 40 GHz]; RE101, RE102);
MIL -STD-462*;



<u>Tests:</u>	<u>Standard(s)¹:</u>
Immunity	
Electrostatic Discharge (ESD)	EN/IEC 610004-2*; KS C 96104-2; RTCA DO 160* (Section 25); MIL -STD-461G (Method CS118)
Radiated Immunity	EN/IEC 610004-3*; KS C 96104-3; RTCA DO 160* (Sections 19 & 20); MIL -STD-461* (Methods RS01, RS02, RS03); MIL -STD-461* (Methods RS101, RS103); MIL -STD-462*
Electrical Fast Transient/Burst	EN/IEC 610004-4*; KS C 96104-4;
Surge Immunity	EN/IEC 610004-5* (excluding clause 6)2 KS C 96104-5 (excluding clause 6)2 RTCA DO 160* (Sections 16 & 17)
Conducted Immunity	EN/IEC 610004-6*; KS C 96104-6; RTCA DO 160* (Sections 18 & 20); MIL -STD-461* (Methods CS01, CS02, CS06); MIL -STD-461* (Methods CS101, CS106, CS109, CS114, CS115, CS116); MIL -STD-462*;
Magnetic Field Immunity	EN/IEC 610004-8* (excluding short duration mode); KS C 96104-8 (excluding short duration mode); IEC 610004-39
Voltage Dips, Short Interruptions and Line Voltage Variations	EN/IEC 610004-11*; KS C 96104-11;
Generic/Product Family Standards and Industry Standards	EN 60601-2; IEC/EN 61326-1; EN 55024; EN 610006-1; EN 610006-2; EN 610006-3; EN 610006-4; CISPR 35 (excluding Annex A, D, E, F, G);H EN 55035 (excluding Annex A, D, E, F, G);H KS C 9835 (excluding Annex A, D, E, F, G);H KS C 96106-2; EN550142; CISPR 142; KS C 96106-1; KS C 96106-4; KS C 96106-3

On the Following Product Types:

Aerospace, Defense, Telecommunications, Electrical, Electronics, Automotive, Information Processing, Scientific Instruments, and Commercial

*Note: The laboratory's accreditation includes revisions of the standards identified by this mark above.

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, part C., Section 1 of A2LA R101 General Requirements Accreditation of ISO/IEC 17025 Laboratories

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Fed Regulations and FCC KDB 974614, Appendix A, Table 1²

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz/9H8)
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A2LA has accredited

NTS LABS, LLC TINTON FALLS

Tinton Falls, NJ

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

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Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0214.18
Valid to September 30, 2023
Revised September 19, 2022

For the tests to which this accreditation applies, please refer to the laboratory's website