



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ATLAS COMPLIANCE & ENGINEERING, INC.
 1792 Little Orchard Street
 San Jose, CA 95125
 Bruce K. Smith Phone: 408 971 9743

ELECTRICAL (EMC)

Valid to: December 31, 2017

Certificate Number: 1007.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory at the location listed above *as well as the one satellite laboratory location listed below*¹ to perform the following electromagnetic compatibility tests:

Test Technology:

Test Method(s)²:

Emissions

Conducted and Radiated (*Above 1 GHz*)

CFR 47, FCC Part 15B (using ANSI C63.4:2014), Part 18 (using FCC MP-5); EN 55011; KN 11; CISPR 11; AS/NZS CISPR 11; ICES-001; EN 55014-1; KN 14-1; AS/NZS CISPR 14 (*excluding click measurements*); EN 55022; KN 22; CISPR 22; AS/NZS CISPR 22; ICES-003; VCCI V-3 (*1 to 6 GHz*); CNS 13438:2006 (*1 to 6 GHz*); EN 55103-1; EN 61326; EN 60601-1-2; EN 61000-6-3; EN 61000-6-4; EN 55032 (*Excluding Broadcast Receivers*); KN 32 (*Excluding Broadcast Receivers*)

Current Harmonics

EN 61000-3-2

Voltage Fluctuations

EN 61000-3-3

Immunity

Product Family - Generic

EN 55014-2; EN 55024; KN 24; EN 55103-2; EN 61326; EN 61000-6-2; KN 35

Electrostatic Discharge (ESD)

EN 61000-4-2; IEC 61000-4-2; KN 61000-4-2

Radiated Immunity

EN 61000-4-3; IEC 61000-4-3; KN 61000-4-3

Electrical Fast Transient/Burst

EN 61000-4-4; IEC 61000-4-4; KN 61000-4-4

Surge Immunity (*Excluding Symmetrical Communication Lines*)

EN 61000-4-5; IEC 61000-4-5; KN 61000-4-5

Conducted Immunity

EN 61000-4-6; IEC 61000-4-6; KN 61000-4-6

Power Frequency/Magnetic Field Immunity

EN 61000-4-8; IEC 61000-4-8; KN 61000-4-8

Voltage Dips, Short Interruptions, and Line Voltage Variations

EN 61000-4-11; IEC 61000-4-11; KN 61000-4-11

Test Technology:
Product Safety

Test Method(s)²:
EN/IEC/UL 60950-1; CAN/CSA-C22.2 No. 60950-1-07
(Edition 2.0, excluding clauses 2.9.2, 4.2.8, 4.3.12, 4.3.13,
4.7.3.6, and 6.2.2.1)

EN/IEC/UL 61010-1; CAN/CSA-C22.2 No. 61010-1-12
(Edition 3.0, excluding clauses 6.8.2, 12.2, 12.3, 12.4, and
13.2.3)

¹ This accreditation also covers testing performed at the following satellite laboratory listed below.

² When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is required to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories.*

ATLAS COMPLIANCE & ENGINEERING, INC.
726 Hidden Valley Rd.
Royal Oaks, CA 95076
Bruce K. Smith Phone: 408 971 9743

Test Technology:

Emissions

Conducted and Radiated

Test Method(s):

CFR 47, FCC Part 15B (using ANSI C63.4:2014), Part 18
(using FCC MP-5); EN 55011; KN 11; CISPR 11; AS/NZS
CISPR 11; ICES-001; EN 55014-1; KN 14-1; AS/NZS
CISPR 14 (excluding click measurements);
EN 55022; CISPR 22;
AS/NZS CISPR 22; KN 22; ICES-003;
VCCI V-3 (up to-6 GHz); EN 55032 (Excluding Broadcast
Receivers); KN 32 (Excluding Broadcast Receivers);
CNS 13438:2006 (up to 6 GHz); EN 55103-1; EN 61326;
EN 60601-1-2; EN 61000-6-3; EN 61000-6-4

On materials and products related to the following:

Industrial, Scientific, and Medical (ISM) equipment; Information Technology Equipment (ITE);
Household appliances, electric tools and similar apparatus; Radio frequency devices; Digital apparatus;
Broadcast receivers and associated equipment; Professional audio, video, audio-visual and entertainment
lighting control apparatus; Electrical equipment for measurement, control and laboratory use; Medical
electrical equipment; Electrical/electronic equipment.

Rule Subpart/Technology

Test Method

**Maximum
Frequency**

Unintentional Radiators
Part 15B

ANSI C63.4:2014

22 GHz

Industrial, Scientific, and Medical Equipment
Part 18

FCC MP-5 (February 1986)

22 GHz





Accredited Laboratory

A2LA has accredited

ATLAS COMPLIANCE & ENGINEERING, INC.

San Jose, CA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009).



Presented this 19th day of April 2017.

A handwritten signature in black ink, appearing to read "L. Sen", written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1007.01
Valid to December 31, 2017

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.