



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SIEMIC (NANJING-CHINA) LABORATORIES
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ELECTRICAL

Valid To: March 31, 2019

Certificate Number: 3409.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electromagnetic compatibility tests:

Test Technology:

Radiated and Conducted Emissions
(up to 6 GHz)

Test Method(s) / Standard(s):

47 CFR, FCC Part 15 B (using ANSI C3.4 2014);
ANSI C63.4:2005;
47 CFR, FCC Part 15 (using MP-5:1986);
IEC/CISPR 22; AS/NZS CISPR 22;
EN55022; EN55032;
VCCI V-3 (up to 6GHz);
CNS 13438 (up to 6GHz);
TCVN 7189:2009;
IEC/CISPR 11; EN 55011; AS/NZS CISPR 11;
IEC/CISPR 12; EN 55012;
IEC/CISPR 13; EN 55013;
IEC/CISPR 14-1 (excluding clicks);
EN 55014-1 (excluding clicks);
IEC/CISPR 15; EN 55015;
EN 61000-6-3; AS/NZS 61000-6-3;
EN 61000-6-4; AS/NZS 61000-6-4;
EN 61000-3-2; EN 61000-3-3;
ICES-001; ICES-002; ICES-003; ICES-005

Immunity

IEC/CISPR 24; EN 55024; EN 61547;
IEC/CISPR 14-2; EN 55014-2;
EN 61000-6-1; EN 61000-6-2;
EN 61326; EN 61326-1;
IEC 61000-4-2; EN 61000-4-2;
IEC 61000-4-3; EN 61000-4-3;
IEC 61000-4-4; EN 61000-4-4;

Test Technology:

Immunity (Cont.)

***Radiated and Conducted Emissions
(intentional)
(excluding DFS)
(up to 26.5 GHz)***

Radio

Test Method(s) / Standard(s):

IEC 61000-4-5; EN 61000-4-5;
IEC 61000-4-6; EN 61000-4-6;
IEC 61000-4-8; EN 61000-4-8;
IEC 61000-4-11; EN 61000-4-11;
IEC 60601-1-2; EN 50130-4

47 CFR, FCC Part 15 C, (using ANSI C63.10:2013);
47 CFR, FCC Part 15 D, (using ANSI C63.17:2013);
47 CFR, FCC Part 15 E, (using ANSI C63.10:2013);
ANSI C63.26:2015;
47 CFR, FCC Parts 22, 24, 25, and 27,
(using ANSI/TIA-603-D:2010);
ANSI/TIA 603 C and D;
RSS-132; RSS-133; RSS-139;
RSS-210; RSS-310; RSS-Gen

Europe - CE:
ETSI EN 301 511;
ETSI EN 301 908-01; ETSI EN 301 908-02;
ETSI EN 301 908-04; ETSI EN 301 908-06;
ETSI EN 301 908-08;
ETSI EN 302 291-1; ETSI EN 302 291-2;
ETSI EN 301 893; ETSI EN 302 502;
ETSI EN 301 406; ETSI EN 300 086;
ETSI EN 300 296; ETSI EN 300 328;
ETSI EN 300 220-1; ETSI EN 300 720-2;
ETSI EN 300 330-1; ETSI EN 300 330-2;
ETSI EN 300 422-1; ETSI EN 300 422-2;
ETSI EN 300 440-1; ETSI EN 300 440-2;
ETSI EN 301 357-1; ETSI EN 301 357-2;
ETSI EN 301 489-01 (*excluding section 9.6*);
ETSI EN 301 489-03; ETSI EN 301 489-05;
ETSI EN 301 489-06; ETSI EN 301 489-07;
ETSI EN 301 489-09; ETSI EN 301 489-17;
ETSI EN 301 489-24; ETSI EN 301 489-25;
ETSI EN 301 489-34

Australia - New Zealand:
AS/NZS 4268

Taiwan:
LP0002;
PLMN07; PLMN01; PLMN08

Hong Kong:
HKCA 1002; HKCA 1007; HKCA 1008; HKCA 1010;
HKCA 1015; HKCA 1020; HKCA 1022; HKCA 1026;
HKCA 1033; HKCA 1034; HKCA 1035; HKCA 1039;
HKCA 1041; HKCA 1042; HKCA 1043; HKCA 1044;
HKCA 1048; HKCA 1049; HKCA 1050; HKCA 1053;
HKCA 1054; HKCA 1061

Test Technology:

Radio (Cont.)

Test Method(s) / Standard(s):

Vietnam:
QCVN 54:2011

Australia –Telecom:
AS/ACIF S042.1; AS/ACIF S042.3; AS/ACIF S042.4

Japan:
ARIB STD-T81; ARIB STD-T66; RCR STD-1;
RCR STD-29; ARIB STD-T94 Fascicle 1;
ARIB STD-T90; ARIB STD-T89; RCR STD-33

Product Safety

(For the following clause/items listed)

IEC 60950-1:2005: Second Edition;
EN 60950-1:2006; UL60950-1: First Edition 2003;
CAN/CSA 22.2 No.60950-1-03;
SS-EN 60950-1: Second Edition;
AS/NZ 60950-1:2003

Clause / Item

- 1.6.2 Input current test
- 1.7.11 Label durability test
- 2.1.1.1 Test finger
- 2.4 Limited current circuits
- 2.5 Limited power sources
- 2.6.3.4 Resistance of earthing conductor test
- 2.7 Creepage distances and distances through insulation
- 2.10.2 Determination of working voltage
- 4.2.2 Steady force test, 10 N
- 4.2.3 Steady force test, 30 N
- 4.2.4 Steady force test, 250 N
- 4.2.5 Impact test
- 4.2.6 Drop test
- 4.2.7 Stress relief test
- 4.3.8 Battery test
- 4.5.2 Temperature test
- 4.5.5 Ball pressure test of thermoplastic parts
- 5.1 Touch current and protective conductor current
- 5.2 Electric strength
- 5.3 Abnormal operating and fault conditions

- ANNEX D MEASURING INSTRUMENTS FOR TOUCH-CURRENT TESTS
- ANNEX J TABLE OF ELECTROCHEMICAL POTENTIALS
- ANNEX L NORMAL LOAD CONDITIONS FOR SOME TYPES OF ELECTRICAL BUSINESS EQUIPMENT



Testing Activities Performed in Support of FCC Declaration of Conformity and Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1:

Rule Subpart/Technology	Test Method	Maximum Frequency
Unintentional Radiators Part 15B	ANSI C63.4:2014	6000 MHz
Industrial, Scientific, and Medical Equipment Part 18	FCC MP-5 (February 1986)	6000 MHz
Intentional Radiators Part 15C	ANSI C63.10:2013	26500 MHz
Unlicensed Personal Communication Systems Devices Part 15D	ANSI C63.17:2013	26500 MHz
U-NII without DFS Intentional Radiators Part 15E	ANSI C63.10:2013	26500 MHz
Commercial Mobile Services (FCC Licensed Radio Service Equipment) Parts 22 (cellular), 24, 25 (non-microwave), and 27	ANSI/TIA-603-D	26500 MHz

WITHDRAWN





Accredited Laboratory

A2LA has accredited

SIEMIC (NANJING-CHINA) LABORATORIES

新美科（南京）信息技术有限公司

Nanjing, People's Republic of China

WITHDRAWN

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 13th day of March 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 3409.01
Valid to March 31, 2019

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