



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CERPASS TECHNOLOGY CORPORATION
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ELECTRICAL (EMC)

Valid to: August 31, 2020

Certificate Number: 4981.01

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

Test:	Test Method(s):
<i>Emissions</i>	
Radiated and Conducted (up to 40 GHz)	CFR 47, FCC Part 15B (using ANSI C63.4:2014); CFR 47, FCC Part 18 (using MP-5:1986); CISPR 11; EN 55011; CISPR 14-1(excluding click measurement); EN 55014-1(excluding click measurement); CISPR 22; EN 55022; AS/NZS CISPR 22; CISPR 32; EN 55032; AS/NZS CISPR 32; ICES-GEN; ICES-001; ICES-003; ICES-005; BETS-7; VCCI-CISPR32:2016; J 55014-1 (excluding click measurement)
Current Harmonics	IEC/EN 61000-3-2; AS/NZS 61000.3.2
Voltage Fluctuation and Flicker	IEC/EN 61000-3-3; AS/NZS 61000.3.3
<i>Immunity</i>	
Electrostatic Discharge (ESD)	IEC/EN 61000-4-2; AS/NZS 61000.4.2
Radiated Immunity (80 MHz – 6 GHz, 10 V/m)	IEC/EN 61000-4-3; AS/NZS 61000.4.3
Electrical Fast Transient/Burst	IEC/EN 61000-4-4; AS/NZS 61000.4.4
Surge Immunity	IEC/EN 61000-4-5; AS/NZS 61000.4.5
Conducted Immunity	IEC/EN 61000-4-6; AS/NZS 61000.4.6

Test:	Test Method(s):
<i>Immunity (cont.)</i>	
Power Frequency Magnetic Field Immunity (<i>excluding short duration mode</i>)	IEC/EN 61000-4-8; AS/NZS 61000.4.8
Voltage Dips, Short Interruptions, and Line Voltage Variations	IEC/EN 61000-4-11; AS/NZS 61000.4.11
<i>Generic and Product Specific EMC</i>	IEC/EN 61000-6-1; IEC/EN 61000-6-2; IEC/EN 61000-6-3; IEC/EN 61000-6-4; EN 55014-2; CISPR 14-2; EN 55024; CISPR 24; EN 55035; CISPR 35; EN 50130-4; EN 60601-1-2; EN 61326-2-1; EN 61326-2-2; EN 61326-2-3; EN 61326-2-4; EN 61326-2-5; EN 61326-2-6; EN 301489-1; EN 301489-3; EN 301489-4; EN 301489-5; EN 301489-7; EN 301489-9; EN 301489-17; EN 301489-20; EN 301489-23; EN 301489-26; EN 301489-33; EN 301489-34; EN 301489-35
<i>Telecommunications</i>	EN 300386
<i>Radio</i> (up to 40 GHz) (<i>excluding HAC</i>)	EN 300220-1; EN 300220-2; EN 302208-1; EN 302208-2; EN 300440; EN 301893; EN 302502; EN 300328; CFR 47, FCC Part 15 Subpart C (using ANSI C63.10:2013); CFR 47, FCC Part 15 Subparts E & F (using ANSI C63.10:2013); KDB 789033, FCC KDB 905462 D02; CFR 47, FCC Part 22; CFR 47, FCC Part 24 (Subpart E); CFR 47, FCC Part 25 (below 3 GHz); CFR 47, FCC Part 27 (Subparts L & M) (using ANSI/TIA-603-E and ANSI/TIA 102.CAAA-E); FCC KDB 905462 D02;

Test:	Test Method(s):
Radio (cont.) (up to 40 GHz) (excluding HAC)	RSS-GEN; RSS-132; RSS-133; RSS-134; RSS-139; RSS- 210; RSS-213; RSS-216; RSS-220; RSS-247; RSS-310; AS/NZS 4268
RF Exposure	EN 50566; EN 62479; EN 62311; EN 50360; EN 50385; EN 50364; EN 62209-2; IEEE std 1528-2013, KDB447489; KDB 865664; RSS-102
SAR	IEEE std 1528-2013; RSS-102

On the following products or types of products:

Telecommunications Terminal Equipment (TTE), Radio Equipment, Network Equipment, Information Technology Equipment (ITE), Radiocommunication Equipment and Systems, Medical Electrical Equipment, Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment, and Electrical Equipment for Measurement.

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1¹

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
<u>Unintentional Radiators</u> Part 15B	ANSI C63.4:2014	40000
<u>Industrial, Scientific, and Medical Equipment</u> Part 18	FCC MP-5:1986	40000
<u>Intentional Radiators</u> Part 15C	ANSI C63.10:2013	40000
<u>U-NII without DFS Intentional Radiators</u> Part 15E	ANSI C63.10:2013	40000
<u>U-NII with DFS Intentional Radiators</u> Part 15E	FCC KDB 905462 D02 (v02)	40000
<u>UWB Intentional Radiators</u> Part 15F	ANSI C63.10:2013	40000
<u>Commercial Mobile Services (FCC Licensed Radio Service Equipment)</u> Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI/TIA-603-E-2016; ANSI/TIA-102.CAAA-E-2016; ANSI C63.26-2015	40000
<u>RF Exposure</u> Devices Subject to SAR Requirements	IEEE Std 1528:2013	6000

¹Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (<https://apps.fcc.gov/oetcf/eas/>) for a listing of FCC approved laboratories.





Accredited Laboratory

A2LA has accredited

CERPASS TECHNOLOGY CORPORATION (CERPASS LABORATORY SUZHOU)

Suzhou, People's Republic of China

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).



Presented this 17th day of September 2018.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4981.01
Valid to August 31, 2020
Revised August 21, 2019

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