



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BUREAU VERITAS (SHENZHEN) CONSUMER PRODUCTS SERVICES CO., LTD

必维（深圳）产品服务有限公司

Zone A, Floor 1, Building 2

Wan Ye Long Technology Park

South Side of Zhoushi Road, Bao'an District

Shenzhen, Guangdong, 518108, People's Republic of China

Mr. Edwin Ye Phone: 86-20-8714 8549

Email: edwin.ye@bureauveritas.com

ELECTRICAL (EMC)

Valid To: February 28, 2023

Certificate Number: 3517.01

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:

Test Method / Standard(s)¹:

Radiated and Conducted Emissions

(3m semi-anechoic chamber,
up to 40 GHz)

Australia/New Zealand

AS/NZS CISPR 11; AS/NZS CISPR 22;
AS/NZS CISPR 32; AS/NZS CISPR 14.1;
AS/NZS CISPR 15

Canada

ICES-001; ICES-003; ICES-005

EN/IEC

CISPR 11; EN 55011;
CISPR 22; EN 55022;
CISPR 32; EN 55032;
CISPR 14-1; EN 55014-1;
CISPR 15; EN 55015

Japan

VCCI-V-3 (up to 6 GHz); VCCI V-4;
VCCI 32-1; VCCI-CISPR 32;
J55013; J55014-1; J55015; J55022; J55032

US/FCC

47 CFR FCC Part 15B (using ANSI C63.4:2014);
47 CFR FCC Part 18 (using MP-5:1986)

Current Harmonics

IEC 61000-3-2; EN 61000-3-2; AS/NZS 61000-3-2

Voltage Fluctuation and Flicker

IEC 61000-3-3; EN 61000-3-3; AS/NZS 61000-3-3

Test Technology:**Test Method / Standard(s)¹:****Immunity**

Electrostatic Discharge (ESD)	IEC 61000-4-2; EN 61000-4-2; AS/NZS 61000-4-2
Radiated Immunity	IEC 61000-4-3; EN 61000-4-3; AS/NZS 61000-4-3
Electrical Fast Transient/Burst	IEC 61000-4-4; EN 61000-4-4; AS/NZS 61000-4-4
Surge Immunity	IEC 61000-4-5; EN 61000-4-5; AS/NZS 61000-4-5
Conducted Immunity	IEC 61000-4-6; EN 61000-4-6; AS/NZS 61000-4-6
Power Frequency Magnetic Field Immunity	IEC 61000-4-8; EN 61000-4-8; AS/NZS 61000-4-8
Voltage Dips, Short Interruptions, and Line Voltage Variations	IEC 61000-4-11; EN 61000-4-11; AS/NZS 61000-4-11

Generic, Product Family and Product Specific Standards

Australia/New Zealand	AS/NZS 61000-6-1; AS/NZS 61000-6-2; AS/NZS 61000-6-3; AS/NZS 61000-6-4; AS/NZS CISPR 24
EN/IEC	IEC/EN 61000-6-1; IEC/EN 61000-6-2; IEC/EN 61000-6-3; IEC/EN 61000-6-4; IEC/EN 61326-1; IEC/EN 61326-2-1; IEC/EN 61326-2-2; IEC/EN 61326-2-3; IEC/EN 61326-2-4; IEC/EN 61326-2-5; IEC/EN 61000-6-2; IEC/EN 61000-6-4; CISPR 35; EN 55035; CISPR 24; EN 55024; CISPR 14-2; EN 55014-2; EN 61547; EN 50130-4; IEC 60601-1-2; EN 60601-1-2

Radio

*(excluding protocol testing,
up to 40 GHz)*

Australia/New Zealand	AS/NZS 4268; AS/NZS 4771
Canada	RSS-119; RSS-130; RSS-132; RSS-133; RSS-137; RSS-139; RSS-140; RSS-192; RSS-195; RSS-197; RSS-199; RSS-210; RSS-216; RSS-247; RSS-310; RSS-GEN
CE	ETSI EN 300 086; ETSI EN 300 220-1; ETSI EN 300 220-2; ETSI EN 300 220-3-1; ETSI EN 300 220-3-2; ETSI EN 300 220-4; ETSI EN 300 296;

Test Technology:**Test Method / Standard(s)¹:**

Radio (cont'd)
CE (cont'd)

ETSI EN 300 328; ETSI EN 300 330;
ETSI EN 300 386; ETSI EN 300 422-1; ETSI EN 300 422-2;
ETSI EN 300 422-3; ETSI EN 300 422-4;
ETSI EN 300 440;
ETSI EN 300 609-4;
ETSI EN 301 357; ETSI EN 301 406;
ETSI EN 301 489-01 (*excluding section 9.6*);
ETSI EN 301 489-03; ETSI EN 301 489-04;
ETSI EN 301 489-05; ETSI EN 301 489-06;
ETSI EN 301 489-07; ETSI EN 301 489-08;
ETSI EN 301 489-09; ETSI EN 301 489-17;
ETSI EN 301 489-19; ETSI EN 301 489-23;
ETSI EN 301 489-24; ETSI EN 301 489-25;
ETSI EN 301 489-26; ETSI EN 301 489-34;
ETSI EN 301 489-50; ETSI EN 301 511;
ETSI EN 301 526; ETSI EN 301 783; ETSI EN 301 893;
ETSI EN 301 908-01; ETSI EN 301 908-02;
ETSI EN 301 908-04; ETSI EN 301 908-06;
ETSI EN 301 908-11; ETSI EN 301 908-13;
ETSI EN 301 908-15; ETSI EN 301 908-16;
ETSI EN 302 208; ETSI EN 302 502;
ETSI EN 303 204; ETSI EN 303 345;
ETSI EN 303 413; ETSI EN 303 417; ETSI EN 303 609

Hong Kong

HKCA 1002; HKCA 1007; HKCA 1020; HKCA 1026;
HKCA 1033; HKCA 1034; HKCA 1035; HKCA 1039;
HKCA 1041; HKCA 1042; HKCA 1043; HKCA 1044;
HKCA 1048; HKCA 1049; HKCA 1053; HKCA 1054;
HKCA 1056; HKCA 1057; HKCA 1061; HKCA 1073

Japan

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

Singapore

IMDA TS SRD

Taiwan

LP0002; PLMN01; PLMN07; PLMN08

US/FCC

47 CFR, FCC Parts 15 C, D, and E (using ANSI C63.10:2013,
ANSI C63.17:2016 and/or FCC KDB 905462 D02
UNII DFS Compliance Procedures New Rules (v02));
ANSI C63.26:2015;
47 CFR, FCC Parts 22, 24, 25 (non-microwave), 27,
90 (non-microwave), 95, 96, 97, and 101 (non-microwave)
(using ANSI/TIA-603-E, TIA 102.CAAA-E, or
ANSI C63.26-2015);
KDB 558074; KDB 789033; KDB 971168;
KDB 865664; KDB 971168; KDB 300643;
KDB 414788; KDB 447498; KDB 974614

Test Technology:**RF Exposure****Test Method / Standard(s)¹:**

AS/NZS 2772.1(Resolution N 533); AS/NZS 2772.2;
Australian Communications Authority (ACA)
Radiocommunications (Electromagnetic Radiation –
Human Exposure);
EN 50371; EN 50385; EN 50392; EN 62311;
EN 62479; RSS-102 (RF Exposure Evaluation)

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, per 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 Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 ²:

Rule Subpart/ Technology	Test Method	Maximum Frequency (MHz)
Unintentional Radiators (FCC Part 15, Subpart B)	ANSI C63.4-2014	40000
Industrial, Scientific, and Medical Equipment (FCC Part 18) Consumer ISM equipment	FCC MP-5 (February 1986)	40000
Intentional Radiators (FCC Part 15 Subpart C)	ANSI C63.10-2013	40000
UPCS (FCC Part 15, Subpart D) Unlicensed Personal Communication System device	ANSI C63.17-2013	40000
U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E) Unlicensed National Information Infrastructure Devices	ANSI C63.10-2013	40000
U-NII with DFS Intentional Radiators (FCC Part 15 Subpart E) Unlicensed National Information Infrastructure U-NII) Devices with Dynamic Frequency Selection (DFS)	FCC KDB Publication 905462 D02 UNII DFS Compliance Procedures New Rules v02	40000
Commercial Mobile Services (FCC Licensed Radio Service Equipment) Part 22 (cellular), Part 24, Part 25 (below 3GHz), Part 27	ANSI/TIA-603-E-2016; ANSI/TIA-102.CAAA-E-2016; ANSI C63.26-2015	40000

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 ²:

Rule Subpart/ Technology	Test Method	Maximum Frequency (MHz)
General Mobile Radio Services (FCC Licensed Radio Service Equipment) Part 22 (non-cellular), Part 90 (below 3 GHz), Part 95, Part 97 (below 3 GHz), Part 101 (below 3 GHz)	ANSI/TIA-603-E-2016; ANSI/TIA-102.CAAA-E-2016; ANSI C63.26-2015	40000
Citizens Broadband Radio Services (FCC Licensed Radio Service Equipment) Part 96	ANSI/TIA-603-E-2016; ANSI/TIA-102.CAAA-E-2016; ANSI C63.26-2015	40000

²Accreditation 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

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必维（深圳）产品服务有限公司

Shenzhen, 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 4th day of March 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3517.01
Valid to February 28, 2023

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