



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SHENZHEN ZKT TECHNOLOGY CO., LTD.
1/F, No. 101, Building B, No. 6, Tangwei
Community Industrial Avenue, Fuhai Street, Shenzhen
People's Republic of China
Mr. Lake Xie Phone: 0086-13620010775
zkt@zkt-lab.com

ELECTRICAL¹

Valid To: March 31, 2023

Certificate Number: 5755.01

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory to perform the following electrical tests on IT/AV, Home Appliances, Lighting, Wireless, and Battery products:

| <u>Test Technology:</u> | <u>Test Method(s):</u> |
|--------------------------------|--|
| <i>Emissions</i> | |
| Conducted and Radiated | 47 CFR, FCC Part 15 B, (ANSI C63.4:2014); 47 CFR, FCC Part 18 (using MP-5:1986); IEC/CISPR 22; AS/NZS CISPR 22; IEC/CISPR 11; EN 55011; AS/NZS CISPR 11; BS EN 55011 IEC/CISPR 13; EN 55013; IEC/CISPR 14-1; EN 55014-1; BS EN 55014-1 IEC/CISPR 15; EN 55015; BS EN 55015 EN 61000-6-3; AS/NZS 61000-6-3; BS EN 61000-6-3 EN 61000-6-4; AS/NZS 61000-6-4; BS EN 61000-6-4 EN 61000-3-2; EN 61000-3-3; BS EN 61000-3-2 ; BS EN 61000-3-3 IEC/EN 55032; AS/NZS CISPR 32; BS EN 55032 ICES-001; ICES-003; ICES-005 |
| <i>Immunity</i> | IEC/CISPR 24; EN 55024; EN 61547; BS EN 61547 IEC/CISPR 14-2; EN 55014-2; BS EN 55014-2 EN 61000-6-1; BS EN 61000-6-1 EN 61000-6-2; BS EN 61000-6-2 EN 61326; EN 61326-1; BS EN 61326-1 IEC 61000-4-2; EN 61000-4-2; BS EN 61000-4-2 IEC 61000-4-4; EN 61000-4-4; BS EN 61000-4-4 IEC 61000-4-5; EN 61000-4-5; BS EN 61000-4-5 IEC 61000-4-8; EN 61000-4-8; BS EN 61000-4-8 IEC 61000-4-11; EN 61000-4-11; BS EN 61000-4-11 IEC 60601-1-2; EN 50130-4; BS EN 50130-4 CISPR 35; IEC/EN 55035; BS EN 55035 |

| <u>Test Technology:</u> | <u>Test Method(s):</u> |
|--------------------------------|---|
| <i>Intentional Radiators</i> | 47 CFR, FCC Part 15 C (ANSI C63.10:2013); 47 CFR, FCC Part 15 E (ANSI C63.10:2013); FCC Public Notice DA 00705; KDB 558074 D01 DTS Measurement Guidance ; KDB 789033 D02 General UNII Test Procedures New Rules RSS-210; RSS-310; RSS-247 (excluding DFS); RSS-GEN; RSS-216; AN/NZS 4268; Reference Method: ARIB STD-T66; (Ministerial Ordinance of the Ministry of Post and Telecommunications No. 31 of April 1, 1985 as amended by Ministerial Ordinance No. 44 of March 22, 2004, and Ministerial Ordinance No. 92 of October 2010) Article Number in certification law: Article 2-1-19 (Low Power Data Communication in 2400-2483MHz), Article 2-1-19-3 (5.2/5.3GHz Low Power Data Communication), Article 2-1-19-3-2 (5.6GHz Low Power Data Communication); ETSI EN 301 489-1; ETSI EN 301 489-3; ETSI EN 301 489-9; ETSI EN 301 489-17 ETSI EN 303 417; ETSI EN 300 330; 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 300 440; ETSI EN 300 328; ETSI EN 301 893; ETSI EN 301 357 |
| <i>RF Exposure (MPE)</i> | ANSI C95.1; RSS 102 (RF Exposure only); FCC Part 1.1307; FCC Part 1.1310; Radio communications (Electromagnetic Radiation — Human ; EN 62311; EN 50665; EN 62479; EN 50663 |



| <u>Test Technology:</u> | <u>Test Method(s):</u> |
|----------------------------------|--|
| <i>Electrical Product Safety</i> | <p>Audio/Video, information and communication technology equipment IEC 62368-1; EN IEC 62368-1; BS EN IEC 62368-1; AS/NZS 62368.1; UL 62368-1</p> <p>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems IEC 62133-2; EN 62133-2; BS EN 62133-2</p> <p>HOUSEHOLD AND COMMERCIAL BATTERIES UL 2054</p> <p>LITHIUM BATTERIES UL 1642</p> <p>Power Banks UL 2056</p> |

¹ 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*.

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.1²

| 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 |

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

SHENZHEN ZKT TECHNOLOGY CO., LTD.

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 8th day of February 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5755.01
Valid to March 31, 2023

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