SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

BAY AREA COMPLIANCE LABORATORIES CORP. (CHENGDU)
No. 5040, Huilongwan Plaza
No 1 Shawan Road
Jinniu District Chengdu, Sichuan, People's Republic of China
Mr. John Chan Phone: +86 028 65525123

ELECTRICAL

Valid To: September 30, 2020 Certificate Number: 4324.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with A2LA's Accreditation Program[1] requirements), accreditation is granted to this laboratory to perform the following EMC and Radio tests:

Test Technology:	**Test Method(s):**
Emissions	
Radiated and Conducted	ANSI C63.4:2014; ANSI C63.10:2013; ANSI C63.26:2015; ANSI C63.17:2013; FCC 47 CFR Part 15B (using ANSI C63.4:2014); FCC 47 CFR Part 18 (using FCC MP-5:1986); ICES-001 Issue 4 (2006-Updated November 2014); ICES-003 Issue 6 (Jan 2016); ICES-005 Issue 4 (Dec 2015); ICES-006 Issue 2 (June 2009); ICES-008 Issue 1 (June 2015); EN 55011; IEC/CISPR 11; AS/NZS CISPR 11; EN 55014-1; IEC/CISPR 14-1; AS/NZS CISPR 14.1; EN 55014-2; IEC/CISPR 14-2; AS/NZS CISPR 14.2; EN 55015; IEC/CISPR 15; AS/NZS CISPR 15; IEC/CISPR 22; EN 55024; CISPR 24; AS/NZS CISPR 24; EN 55032; CISPR 32; AS/NZS CISPR 32; EN 55035; CISPR 35; EN 61547; IEC 61547; EN 50083-2; CNS 13439; CNS 13803; CNS 14115; CNS 13438 (*up to 6GHz*); CNS 13783-1; VCCI V-3; VCCI-CISPR 32:2016; TCVN 7189 (CISPR 22); ETSI EN 300 386; IMDA TS EMC, Issue 1, Rev. 1 (March 2000)
Harmonics	EN 61000-3-2; IEC 61000-3-2; AS/NZS 61000.3.2
Flicker	EN 61000-3-3; IEC 61000-3-3; AS/NZS 61000.3.3

Test Technology:	**Test Method(s):**
Immunity	
Electrostatic Discharge (ESD)	IEC 61000-4-2; EN 61000-4-2
Radiated Immunity	IEC 61000-4-3; EN 61000-4-3
Electrical Fast Transient (EFT) / Burst	IEC 61000-4-4; EN 61000-4-4
Surge	IEC 61000-4-5; EN 61000-4-5
Conducted Immunity	IEC 61000-4-6; EN 61000-4-6
Magnetic Field Immunity	IEC 61000-4-8; EN 61000-4-8
Voltage Dips, Short Interrupts, and Variations	IEC 61000-4-11; EN 61000-4-11
Generic and Product Family Standards	EN 61000-6-1; IEC 61000-6-1; EN 61000-6-2; IEC 61000-6-2; EN 61000-6-3; IEC 61000-6-3; AS/NZS 61000-6-3; EN 61000-6-4; IEC 61000-6-4; EN 61326-1; IEC 61326-1; EN 61326-2-1; IEC 61326-2-1; EN 61326-2-2; IEC 61326-2-2; EN 61326-2-3; IEC 61326-2-3; EN 61326-2-4; IEC 61326-2-4; EN 61326-2-5; IEC 61326-2-5; EN 61326-2-6; IEC 61326-2-6
RF Exposure	EN 62479; EN 62311; EN 50663; EN 50364; EN 50385; RSS-102 Issue 5 March 2015 (*RF Exposure only*)
Radio	
AS/NZS	ASN/ZS 4268 (*without DFS*); AS/CA S042.1; AS/ACIF S042.3; AS/CA S042.4; AS/NZS 4771
Europe	ETSI EN 300 086; ETSI EN 300 113; ETSI EN 300 219; ETSI EN 300 220-1, -2, -3-1, -3-2, -4; ETSI EN 300 296; ETSI EN 300 328; ETSI EN 300 330; ETSI EN 300 422-1, -2, -3, -4; ETSI EN 300 440; ETSI EN 301 357; ETSI EN 301 406; ETSI EN 301 489-1, -3, -5-6, -17, -19, -23, -34, -50, -52; ETSI EN 301 511; ETSI EN 301 893; ETSI EN 301 908-1, -2, -11, -13, -14, -15; ETSI EN 303 413; ETSI EN 303 417; ETSI EN 303 609

Test Technology:	**Test Method(s):**
HKCA	HKTA 1033 ISSUE 6; HKTA 1034 ISSUE 3; HKTA 1035 ISSUE 6; HKTA 1039 ISSUE 4 (w*ithout DFS*); HKTA 1048 ISSUE 2; HKTA 1061 ISSUE 1
Japan	MIC Article 2-1 Item (8); MIC Article 2-1 Item (13); MIC Article 2-1 Item (19); MIC Article 2-1 Item (19)-2; MIC Article 2-1 Item (19)-3; MIC Article 2-1 Item (19)-3-2 (*without DFS*); MIC Article 2-1 Item (19)-11
Canada	RSS-112 Issue 1 (February 2008); RSS-119 Issue 12 (May 2015); RSS-123 Issue 3 (February 2015); RSS-130 Issue 1 (October 2013); RSS-131 Issue 3 (May 2017); RSS-132 Issue 3 (January 2013); RSS-133 Issue 6 (January 2018); RSS-134 Issue 2 (February 5, 2016); RSS-139 Issue 3 (July 2015); RSS-182 Issue 5 (January 2012); RSS-192 Issue 3 (January 2008); RSS-194 Issue 1 (October 2007); RSS-195 Issue 2 (April 2014); RSS-197 Issue 1 (February 2010); RSS-199 Issue 3 (December 2016); RSS-210 Issue 9 (August 2016), Amendment 1 (November 2017); RSS-213 Issue 3 (March 2015); RSS-215 Issue 2 (June 2009); RSS-216 Issue 2 (January 20, 2016); RSS-247 Issue 2 (February 2017) (*LE-LAN without DFS*); RSS-310 Issue 4 (July 2015); RSS-Gen Issue 4 (November 2014); RSS-Gen Issue 5 (April 2018)
Singapore (IMDA)	IMDA TS CMT Issue 1; IMDA TS SRD Issue 1 Rev 7 (*without DFS*); IMDA TS CBS Issue 1; IMDA TS CMT Issue 1
Taiwan	LP0002; PLMN01; PLMN08; PLMN10
FCC/US	TIA/EIA 603-D (2010); ANSI/TIA 603-D (2010); TIA/EIA 603-E (2016); ANSI/TIA 603-E (2016); TIA-102.CAAA-E; TIA-102.CAAA-D; TIA-470.210:2010; ANSI C63.26:2015; 47 CFR FCC Parts 15B/C/D/E (*without DFS*), 18, 20, 22, 24, 25, 27, 90, 95, 97, 101

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 [1]:

Rule Subpart/Technology	Test Method	Maximum Frequency (MHz)
Unintentional Radiators Part 15B	ANSI C63.4:2014	40000
Industrial, Scientific, and Medical Equipment Part 18	FCC MP-5:1986	25000
Intentional Radiators Part 15C	ANSI C63.10:2013	40000
Unlicensed Personal Communication Systems Devices Part 15D	ANSI C63.17:2013	20000
U-NII without DFS Intentional Radiators Part 15E	ANSI C63.10:2013	40000
Commercial Mobile Services (FCC Licensed Radio Service Equipment) Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI/TIA-603-D; ANSI/TIA-603-E; ANSI C63.26:2015; TIA-102.CAAA-E; TIA-102.CAAA-D	40000
General Mobile Radio Services (FCC Licensed Radio Service Equipment) Parts 22 (non-cellular), 90 (below 3 GHz), 95, 97 (below 3 GHz), and 101 (below 3 GHz)	ANSI/TIA-603-D; ANSI/TIA-603-E; ANSI C63.26:2015; TIA-102.CAAA-E; TIA-102.CAAA-D	40000
Signal Boosters Part 20 (Wideband Consumer Signal Boosters, Provider-specific signal boosters, and Industrial Signal Boosters)	FCC KDB 935210 D03 (v04); FCC KDB 935210 D04 (v02); FCC KDB 935210 D05 (v01r01); ANSI C63.26:2015	40000

[1] Accreditation 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

BAY AREA COMPLIANCE LABORATORIES CORP. (CHENGDU)

Jinniu District, Chengdu, 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 17025:2005 *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 April 2017*).

Presented this 22nd day of August 2018.

President and CEO
For the Accreditation Council
Certificate Number 4324.01
Valid to September 30, 2020

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