



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005<sup>1</sup>

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ELECTRICAL (EMC)

Valid to: August 31, 2019

Certificate Number: 2343.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with A2LA's EPA ENERGY STAR<sup>®</sup> Accreditation Program<sup>2</sup> requirements), accreditation is granted to the main laboratory location listed above, and the satellite laboratory listed below, to perform the following tests on Industrial, Scientific, and Medical (ISM) Equipment; Information Technology Equipment (ITE), Medical Equipment, and Road Vehicles:

**Test Technology:**

***Automotive EMC Tests***

Electrostatic Discharge (ESD)

**Test Method(s)<sup>3</sup>:**

SAE J1113-13; ISO 10605;  
Ford ES-XW7T-1A278-AB/AC;  
Ford EMC-CS-2009.1;  
GMW 3097 (2004/2006/2012);  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007); Fiat 990111 01 (2010);  
Chrysler DC-10614;  
Chrysler CS-11979 (2010);  
Daimler MBN 10284-2 (2008);  
VW8246 (2009.06);  
BMW GS95002 (2004/2010);  
PSA B21 7110; Renault 36-00-808;  
Honda 7794Z\_S3V\_0000;  
DC-11224 (2007);  
Nissan 28401NDS02 [5];  
MES PW 67602B;  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
EMC-CS-2010JLR V1.2;  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278; VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012); CS.00054 (2015);  
Nissan 28401NDS02 [7]; ES-X82114\_D

**Test Technology:**

***Automotive EMC Tests (Cont'd)***

Conducted Transient Emissions

**Test Method(s):**

ISO/IEC 7637-1 and -2;  
Daimler/Chrysler DC-10614 (2004);  
Chrysler CS-11979 (2010);  
Ford ES-XW7T-1A278-AB/AC;  
Ford EMC-CS-2009.1;  
GMW 3097 (2004/2006/2012);  
GMW3100 (2001);  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
VW/Audi/Porsche TL82066 (2004/2006);  
BMW GS95002 (2004/2010);  
Renault 36-00-808; PSA B21 7110;  
Hyundai/Kia ES 96200-00;  
Daimler MBN 10284-2 (2008);  
Nissan 28401NDS02 [5];  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
GMW 3097 (2015);  
GMW 3172 (2015);  
FMC1278;  
VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7];  
ES-X82114\_D

RF Conducted Emissions

CISPR 25;  
VW/Audi/Porsche TL965 (2004/2006/2009/2012);  
BMW GS95002 (2004/2010);  
Chrysler DC 11224 (2007);  
Chrysler CS-11979 (2010);  
Daimler MBN 10284-2 (2008);  
Ford ES-XW7T-1A278-AB/AC;  
Ford EMC-CS-2009.1;  
GMW 3097 (2004/2006/2012);  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
PSA B21 7110;  
Renault 36-00-808;  
Nissan 28401NDS02 [5];  
MES PW 67602B;  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
EMC-CS-2010JLR V1.2;  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278; VW TL81000 (2016);  
JLR-EMC-CS v1.0; Fiat 9.90111/01 (2012);  
CS.00054 (2015); Nissan 28401NDS02 [7];  
ES-X82114\_D



**Test Technology:**

***Automotive EMC Tests (Cont'd)***

RF Radiated Emissions

Bulk Current Injection (BCI) –  
*Substitution Method*

**Test Method(s)<sup>3</sup>:**

CISPR 25;  
VW/Audi/Porsche TL965 (2004/2006/2009/2012);  
BMW GS95002 (2004/2010);  
Chrysler DC 11224 (2007);  
Chrysler CS-11979 (2010);  
Daimler MBN 10284-2 (2008);  
Ford ES-XW7T-1A278-AB/AC;  
Ford EMC CS 2009.1;  
GMW 3097 (2004/2006/2012);  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
PSA B21 7110;  
Renault 36-00-808;  
Nissan 28401NDS02 [5];  
MES PW 67602B;  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
EMC-CS-2010JLR V1.2;  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278; VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7];  
ES-X82114\_D

ISO/IEC 11452-4;  
Chrysler DC-10614 (2004);  
Chrysler CS-11979 (2010);  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
Daimler MBN 10284-2 (2008);  
Ford ES-XW7T-1A278 –AB/ AC;  
EMC-CS-2009.1;  
GMW 3097 (2004/2006/2012);  
VW/Audi/Porsche TL82166 (2004/2009/2011);  
BMW GS95002 (2004/2010);  
Honda 7794Z\_S3V\_0000;  
DC-11224 (2007);  
MES PW 67602B;  
EMC-CS-2010JLR V1.2;  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
EMC-CS-2010JLR V1.2;  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278; VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012); CS.00054 (2015);  
Nissan 28401NDS02 [7];  
ES-X82114\_D



**Test Technology:**

**Test Method(s)<sup>3</sup>:**

***Automotive EMC Tests (Cont'd)***

Bulk Current Injection (BCI) –  
*Closed Loop*

SAE J1113-4;  
ISO/IEC 11452-4;  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
Chrysler CS-11979 (2010);  
PSA B21 7110;  
Renault 36-00-808;  
Nissan 28401NDS02 [5]

Transverse Electromagnetic (TEM) Cell  
*(200 V/m up to 400 MHz)*

ISO 11452-3 (2001);  
SAE J1113-24

Absorber-Lined Shielded Enclosure  
*(80 MHz to 4.2 GHz, up to 200 V/meter)*  
*Substitution Method & Metallic Table Top*

ISO 11452-2 (2004);  
ES-XW7T-1A278-AC (RI 114);  
Ford EMC CS 2009.1 (RI 114);  
GMW3097 (2004/2006/2012) Section 3.4.2;  
VW/Audi/Porsche TL965 (2004/2006/2009/2012);  
VW 82166 (2011);  
BMW GS95002 (2004/2010);  
Chrysler DC 11224 (2007);  
Daimler MBN 10284-2 (2008);  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
PSA B21 7110;  
Renault 36-00-808;  
Honda 7794Z\_S3V\_0000;  
Nissan 28401NDS02 [5];  
MES PW 67602B RI114;  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
EMC-CS-2010JLR V1.2 (RI114);  
GMW 3097 (2015);  
GMW 3172 (2015);  
FMC1278;  
VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7];  
ES-X82114\_D

**Test Technology:**

***Automotive EMC Tests (Cont'd)***

Conducted Immunity on Power lines  
Supply Voltage transients

**Test Method(s)<sup>3</sup>:**

SAE J1113-11; SAE J1113-12; SAE J1113-42;  
ISO 7637-2;  
ISO/IEC 7637-3;  
VW/Audi/Porsche TL82066 (2004/2006), VW80000  
(2009);  
BMW GS95002 (2004/2010);  
BMW GS95024-2-1 (2010);  
Chrysler DC 11224 (2007);  
Chrysler CS-11979 (2010);  
Daimler MBN 10284-2 (2008);  
GMW 3097, Sections 3.5.2, 3.5.3, 3.5.4, 3.5.5;  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
PSA B21 7110 (2008);  
Renault 36-00-808;  
Honda 7794Z-S3V-0000;  
Nissan 28401NDS02 [5];  
MES PW 67602B;  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278; VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7];  
ES-X82114\_D

Conducted Immunity on Signal Lines

ISO 7637-3; SAE J1113-2;  
VW/Audi/Porsche TL82366 (2008);  
BMW GS95002 (2004/2010);  
Chrysler DC-10615 (2007);  
Chrysler CS-11979 (2010);  
Daimler MBN 10284-2 (2008);  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
GMW 3097 (2004/2006/2012);  
PSA B21 7110; Renault 36-00-808;  
Nissan 28401NDS02 [5];  
VW TL81000 (2013.02);  
VW TL81000(2014.04);  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278;  
VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7];  
ES-X82114\_D



**Test Technology:**

***Automotive EMC Tests (Cont'd)***

Immunity to Voltage Fluctuations,  
Disturbances Of The Supply Voltage  
Lines (Dropouts, Dips, Cranking, Ramp  
Up/Down)

Over/Under, Reverse, Jump Start,  
Defective Regulator Voltages, electrical  
stress

**Test Method(s)<sup>3</sup>:**

ISO 16750-2:2010;  
DC-10615;  
Ford ES-XW7T-1A278-AB/AC;  
Ford EMC CS (CI210, CI220, CI230, CI250, CI260,  
CI270, RI130, RI150);  
GMW 3172 (2012);  
Honda 7794Z\_S3V\_0000;  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
BMW GS95003-2;  
BMW GS95024-2-1 (2010);  
VW/Audi/Porsche VW80101 (2006/2009/2011);  
VW80000 (2009);  
Renault 36-00-808;  
PSA B21 7110;  
Nissan 28401NDS02-4;  
MES PW 67602B (CI210, CI220, CI230, CI250,  
CI260, CI270, CI290,RI130, RI150);  
EMC-CS-2010 JLR V1.2 (CI210, CI220, CI230,  
CI250, CI265, CI270, RI130, RI150);  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278;  
VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7]

ISO 16750-2: 2010; DC-10615;  
Ford ES-XW7T-1A278-AB/AC;  
Ford EMC-CS-2009.1;  
GMW 3172 (2012);  
Hyundai/Kia ES 96200-00;  
Fiat 990110 01 (2007);  
Fiat 990111 01 (2010);  
VW/Audi/Porsche VW80101 (2006/2009/2011);  
VW80000 (2009);  
Renault 36-00-808; PSA B21 7110;  
BMW GS95003-2, GS95024-2-1 (2010);  
Honda 7794Z\_S3V\_0000;  
Nissan 28401NDS02 [5];  
VW TL81000 (2013.02);  
VW TL81000 (2014.04);  
EMC-CS-2010 JLR V1.2;  
GMW 3097 (2015); GMW 3172 (2015);  
FMC1278; VW TL81000 (2016);  
JLR-EMC-CS v1.0;  
Fiat 9.90111/01 (2012);  
CS.00054 (2015);  
Nissan 28401NDS02 [7]



**Test Technology:**

**Test Method(s):**

***Automotive EMC Tests (Cont'd)***

Hand Portable Transmitter Immunity  
Exposure

Ford EMC CS 2009.1 (RI 115);  
ISO 11452-9;  
EMC-CS-2010 JLR V1.2 (RI115);  
PSA B21 7110;  
GMW 3097 (2015);  
FMC1278;  
JLR-EMC-CS v1.0;  
Nissan 28401NDS02 [7]

***Emissions***

Radiated and Conducted  
(up to 40 GHz)

CFR 47 FCC Part 15B (using ANSI C63.4:2014), and  
Part 18 (using MP-5:1986);  
CISPR 11; EN 55011; AS/NZS CISPR 11;  
CISPR 13; EN 55013; AS/NZS CISPR 13;  
CISPR 14-1; EN 55014-1; AS/NZS CISPR 14-1;  
CISPR 14-2; EN 55014-2; AS/NZS CISPR 14-2;  
CISPR 15; EN 55015; AS/NZS CISPR 15;  
CISPR 22; EN 55022; AS/NZS CISPR 22;  
CISPR 32; EN 55032; AS/NZS CISPR 32;  
VCCI CISPR 32;  
ICES-001; ICES-003;  
ICES-005;  
EN 60255-25; IEC 60255-25;  
GR-1089-CORE, Issue 4, Section 3.2

Current Harmonics

EN 61000-3-2; IEC 61000-3-2;  
EN 61000-3-12; IEC 61000-3-12

Voltage Fluctuation and Flicker

EN 61000-3-3; IEC 61000-3-3;  
EN 61000-3-11; IEC 61000-3-11

***Immunity***

Electrostatic Discharge (ESD)

EN 61000-4-2; IEC 61000-4-2;  
EN 60255-22-2; IEC 60255-22-2;  
GR-1089-CORE, Issue 4, Section 2.1

Radiated Immunity  
(10 V/m up to 6.0 GHz)

EN 61000-4-3; IEC 61000-4-3;  
EN 60255-22-3; IEC 60255-22-4;  
GR-1089-CORE, Issue 4, Section 3.3

Electrical Fast Transient/Burst

EN 61000-4-4; IEC 61000-4-4;  
EN 60255-22-4; IEC EN 60255-22-4;  
GR-1089-CORE, Issue 4, Section 2.2

Surge Immunity

EN 61000-4-5; IEC 61000-4-5;  
EN 60255-22-5; IEC 60255-22-5;  
IEEE STD C62.45

Conducted Immunity

EN 61000-4-6; IEC 61000-4-6;  
EN 60255-22-6; IEC 60255-22-6

**Test Technology:**

***Immunity (Cont'd)***

Power Frequency Magnetic  
Field Immunity

Voltage Dips, Short Interruptions,  
and Line Voltage Variations

***Telecommunications***

***Radio***

***Generic and Product Specific Standards***

**Test Method(s)<sup>3</sup>:**

EN 61000-4-8; IEC 61000-4-8;  
Ford EMC-CS-2009.1 (RI140);  
PSA B21 7110;  
MES PW 67602B (RI140);  
EMC-CS-2010JLR V1.2 (RI140); ISO 11452-8  
VW TL81000 (2013.02); VW TL81000(2014.04)

EN 61000-4-11; IEC 61000-4-11;  
EN 60255-11; IEC 60255-11;  
EN 61000-4-29; IEC 61000-4-29;  
EN 61000-4-34; IEC 61000-4-34

ETSI EN 300 386

CFR 47 FCC Part 15 C/E (using ANSI C63.10:2013);  
KDB 905462; KDB 789033;  
RSS-210; RSS-216; RSS-247; RSS-310; RSS-GEN;  
EN 300 328; EN 301 893;  
EN 300 220-1/-2; EN 300 220-3-1/-2; EN 300 220-4 ;  
EN 300 330; EN 300 440;  
AS/NZS 4268; EN 50385;  
EN 62479; EN 62311

AS/NZS 61000.6.3; AS/NZS 61000.6.4;  
EN 301 489-3; EN 301 489-7; EN 301 489-17;  
EN 301 489-52 ; EN 50121-1;  
EN 50121-2; EN 50121-3-1;  
EN 50121-3-2; EN 50121-4; EN 50121-5;  
EN 50130-4; EN 50155; EN 50293;  
EN 60255-26; EN 60974-10; EN 60601-1-2;  
EN 60669-2-1; IEC 60669-2-1;  
EN 60730-1; IEC 60730-1;  
EN 60730-2-7; IEC 60730-2-7;  
EN 60730-2-9; IEC 60730-2-9 ;  
EN 61058-1; IEC 61058-1 ;  
EN 61000-6-1; EN 61000-6-2; EN 61000-6-3;  
EN 61000-6-4; EN62493; IEC62493;  
EN 61131-2; EN 61204-3;  
EN 61326-1; EN 61326-2-1; EN 61326-2-2;  
EN 61326-2-3; EN 61326-2-4; EN 61326-2-5;  
EN 61543; EN 61547; EN 61800-3; EN 62040-2;  
IEC 60092-504; IEC 60255-26; IEC 60533;  
IEC 60601-1-2; IEC 60669-2-1; IEC 60974-10;  
IEC 61000-6-1; IEC 61000-6-2; IEC 61000-6-3;  
IEC 61000-6-4; IEC 61000-6-5;  
IEC 61131-2; IEC 61204-3; IEC 61326-1;  
IEC 61326-2-1; IEC 61326-2-2; IEC 61326-2-3;  
IEC 61326-2-4; IEC 61326-2-5;  
IEC 61543; IEC 61547; IEC 61800-3; IEC 62040-2;  
CISPR 24; EN 55024; CISPR 35;  
EN 61000-4-13; IEC 61000-4-13;  
GL 2003; IACS E10





<sup>1</sup> This accreditation covers testing performed at the main laboratory listed above, and the following satellite laboratory listed below:

BUREAU VERITAS ADT (SHANGHAI) CORPORATION  
Building 4, No. 518, Xin Zhuan Road,  
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Ms. Scarlett Si (Authorized Representative) Phone: 86 21 6195 7000 ext. 1181  
Email: Scarlett.Si@cn.bureauveritas.com  
Mr. Sam Shen (Deputy Authorized Representative) Phone: 86 21 6195 7000 ext. 7093

**Test Technology:**

**Test Method(s):**

***EPA ENERGY STAR Testing***

**Electronics and Office Equipment**

Telephony	ENERGY STAR Program Requirements for Telephony; ENERGY STAR Test Method for Telephony
Televisions	ENERGY STAR Program Requirements for Televisions; 10 CFR 430, Subpart B, Appendix H; 10 CFR 429.25
Computers	ENERGY STAR Program Requirements for Computers; ENERGY STAR Test Method for Computers
Displays	ENERGY STAR Program Requirements for Displays; ENERGY STAR Test Method for Determining Displays Energy Use
Imaging Equipment	ENERGY STAR Program Requirements for Imaging Equipment; ENERGY STAR Imaging Equipment Test Method

**Lighting Products**

Lamps (Light Bulbs)	ENERGY STAR Program Requirements for Lamps
Luminaires (Light Fixtures)	ENERGY STAR Program Requirements for Luminaires (Light Fixtures)

- Directional

IES LM-66;  
10 CFR Part 429 and Part 430 Appendix W to Subpart B;  
IES LM-79;  
IES LM-54;  
ENERGY STAR Elevated Temperature Light Output Ratio;  
CIE 15; CIE Pub No 13.3;  
ENERGY STAR Elevated Temperature Life Test;  
ENERGY STAR Ambient Temperature Life Test;  
IES LM-65;  
ANSI C82.2; ANSI C82.77;  
ENERGY STAR Start Time Test;  
ENERGY STAR Run Up Time Test;  
ANSI/IEEE C62.41.2



**Test Technology:**

**Lighting Products (Cont'd)**

- Omnidirectional

**Test Method(s):**

IES LM-66;  
10 CFR Part 429 and Part 430 Appendix W to Subpart B;  
IES LM-79; IES LM-54;  
CIE 15; CIE Pub No 13.3;  
ENERGY STAR Elevated Temperature Life Test;  
ENERGY STAR Ambient Temperature Life Test;  
IES LM-65;  
ANSI C82.2-2002; ANSI C82.77;  
ENERGY STAR Start Time Test;  
ENERGY STAR Run Up Time Test; ANSI/IEEE C62.41.2

- Decorative

IES LM-66;  
10 CFR Part 429 and Part 430 Appendix W to Subpart B;  
IES LM-79;  
IES LM-54;  
CIE 15; CIE Pub No 13.3;  
ENERGY STAR Elevated Temperature Life Test;  
ENERGY STAR Ambient Temperature Life Test;  
IES LM-65;  
ANSI C82.2; ANSI C82.77;  
ENERGY STAR Start Time Test;  
ENERGY STAR Run Up Time Test;  
ANSI/IEEE C62.41.2

**General Lighting Tests**

Electrical and Photometric Measurements of Solid-State Lighting Products	IES LM-79
Measuring Lumen Maintenance of LED Light Sources	IES LM-80
Photometric Testing of Reflector-Type Lamps	IES LM-20
Guide to Lamp Seasoning	IES LM-54
Life Testing of Single-Based Fluorescent Lamps	IES LM-65
Electrical and Photometric Measurements of Single-Based Fluorescent Lamps	IES LM-66
Projecting Long-Term Luminous Flux Maintenance of LED Lamps and Luminaires	IES TM-28

**Test Technology:**

**Test Method(s):**

**General Lighting Tests (Cont'd)**

Measuring Luminous Flux and Color Maintenance of LED lamps, Light Engines, and Luminaires	IES LM-84
Household electrical appliances – Measurement of standby power	IEC 62301
Approved method for life testing of incandescent filament lamps	IES LM-49
Characterization of LED Light Engines and LED Lamps for Electrical and Photometric Properties as a Function of Temperature	IES LM-82
Temporal Light Artifacts: Test Methods and Guidance for Acceptance Criteria	NEMA 77

<sup>2</sup> When the date or revision or edition number of a test method standard is not identified in the scope of accreditation, laboratories are expected to be competent in the use of the current version within one year of the date of publication or the mandatory recognition body compliance dates of the standard test method.

<sup>3</sup> A2LA provides accreditation to the U.S. EPA's [Conditions and Criteria for Recognition of Laboratories for the ENERGY STAR Program](#) by verifying an organization's compliance to A2LA document [R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program](#) and to the related test methods listed on this laboratory's scope. Accreditation by A2LA does not infer Recognition by the EPA for ENERGY STAR testing. Please verify this organization's recognition status by using the EPA's searchable database, located at [http://www.energystar.gov/index.cfm?fuseaction=recognized\\_bodies\\_list.show\\_RCB\\_search\\_form](http://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_form)



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<sup>4</sup>:

<b>Rule Subpart/Technology</b>	<b>Test Method</b>	<b>Maximum Frequency</b>
Unintentional Radiators Part 15B	ANSI C63.4:2014	40000 MHz
Industrial, Scientific, and Medical Equipment Part 18	FCC MP-5 (February 1986)	40000 MHz
Intentional Radiators Part 15C	ANSI C63.10:2013	40000 MHz
U-NII without DFS Intentional Radiators Part 15E	ANSI C63.10:2013	40000 MHz
U-NII with DFS Intentional Radiators Part 15E	FCC KDB 905462 D02(v01)	40000 MHz

<sup>4</sup> 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

# **BUREAU VERITAS ADT (SHANGHAI) CORPORATION**

*Shanghai, 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 8 January 2009).



Presented this 26<sup>th</sup> day of October 2017.

A handwritten signature in black ink, written over a horizontal line.

President & CEO  
For the Accreditation Council  
Certificate Number 2343.01  
Valid to August 31, 2019

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