



Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Audix Technology Corporation
EMC Department

No.53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2005
Accreditation Number : 1724
Originally Accredited : November 27, 2006
Effective Period : November 27, 2012 to November 26, 2015
Accredited Scope : Testing Field, see described in the Appendix
Specific Accreditation Program : Accreditation Program for Designated Testing Laboratory for Commodities Inspection
Accreditation Program for Telecommunication Equipment Testing Laboratory
Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities

Jay-San Chen
President, Taiwan Accreditation Foundation
Date : June 07, 2013



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Accreditation Number : 1724

Laboratory Head : CHEN, Jeff

■ 17.99 Metrical Instrument

Electrical equipment for measurement, control and laboratory use

E002 EMC

EN 61326-1

EN 61326-2-1

EN 61326-2-2

EN 61326-2-3

EN 61326-2-4

EN 61326-2-5

(Exclude EN 61000-3-11 and EN 61000-3-12)

Terminal Disturbance: 150 kHz to 30 MHz

Radiated: 30 MHz to 1 GHz

Approval Signatory: LIU, Leon; DENG, Alex; CHENG, Ben; CHEN, Jeff

E002 EMC

IEC 61326-2-6

EN 61326-2-6

Terminal Disturbance: 150 kHz to 30 MHz

Radiated: 30 MHz to 40 GHz

Approval Signatory: LIU, Leon; DENG, Alex; CHENG, Ben; CHEN, Jeff

■ 18.01 Commodity

Electrical Lighting and Similar Equipment

E002 EMC

CISPR 15

EN 55015

J55015

CNS 14115

EN 61547

IEC 61547

AS/NZS CISPR 15

FCC Method-47 CFR Part 18

GB 17743



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Terminal Disturbance Voltage:9 kHz to 30 MHz
Disturbance Power:9 kHz to 30 MHz
2 m Loop Antenna
Insertion loss:160 kHz to 1450 kHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China
3. No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

E002 EMC
CNS 14115
Terminal Disturbance Voltage:9 kHz to 30 MHz
Disturbance Power:9 kHz to 30 MHz
2 m Loop Antenna
Insertion loss:160 kHz to 1,450 kHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China

■ 18.01 Commodity
Lighting Equipmemts
E009 EMC
EN 62493
IEC 62493
Induced Current Density
Frequency:20 kHz to 10 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 18.02 Commodity
Household Electrical Appliances
E002 EMC
CISPR 14-1
EN 55014-1
J55014-1
CISPR 14-2
EN 55014-2
CNS 13783-1
AS/NZS CISPR 14.1
AS/NZS CISPR 14.2



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GB 4343-1

GB/T 4343.2

Terminal Disturbance Voltage:150 kHz to 30 MHz

Radiated Emission:30 MHz to 1 GHz

Disturbance Power:30 MHz to 300 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

E002 EMC

CNS 13783-1

Terminal Disturbance Voltage:150 kHz to 30 MHz

Radiated Emission:30 MHz to 1 GHz

Disturbance Power:30 MHz to 300 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

18.02 Commodity

Household appliances and similar apparatus

E002 EMC

EN 62233

Electromagnetic Fields (0 Hz to 60 GHz)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

18.04 Commodity

Product family standard for audio, video, audio-visual and entertainment lighting control apparatus for professional use

E002 EMC

EN 55103-1

EN 55103-2

(Magnetic only 3c, exclude Annex B)

(Exclude EN 61000-3-11 and EN 61000-3-12)

Terminal Disturbance:150 kHz to 30 MHz

Radiated:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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19.06 Electronic and Electric
Uninterruptible power systems (UPS)
E002 EMC
EN 62040-2
Terminal Disturbance: 150 kHz to 30 MHz
Radiated: 30 MHz to 1 GHz
Magnetic field – H field: 10 kHz to 30 MHz

Approval Signatory: LIU, Leon; DENG, Alex; CHENG, Ben; CHEN, Jeff

19.06 Electronic and Electric
Uninterruptible Power System
E002 EMC
CNS 14757-2
Terminal Disturbance Voltage: 150 kHz to 30 MHz
Radiated Disturbance: 30 MHz to 1 GHz, 3 m/10 m

Approval Signatory: LIU, Leon; DENG, Alex; CHENG, Ben; CHEN, Jeff
Testing Place: 1. No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
2. No. 6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China
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19.06 Electronic and Electric
Low voltage power supplies, DC output.
E002 EMC
EN 61204-3
Terminal Disturbance Voltage: 150 kHz to 30 MHz
Radiated 30 MHz to 1 GHz; 1 GHz to 18 GHz

Approval Signatory: LIU, Leon; DENG, Alex; CHENG, Ben; CHEN, Jeff

19.07 Electronic and Electric
Alarm systems
E002 EMC
EN 50130-4

Approval Signatory: LIU, Leon; DENG, Alex; CHENG, Ben; CHEN, Jeff



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19.11 Electronic and Electric
Product family for machine tools
E002 EMC
EN 50370-1
EN 50370-2
Terminal Disturbance:150 kHz to 30 MHz
Radiated:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

19.11 Electronic and Electric
Electrical Tools and Apparatus
E002 EMC
CISPR 14-1
EN 55014-1
CISPR 14-2
EN 55014-2
CNS 13783-1
AS/NZS CISPR14.1
AS/NZS CISPR14.2
GB 4343-1
GB/T 4343.2
Terminal Disturbance Voltage:150 kHz to 30 MHz
Radiated Emission:30 MHz to 1 GHz
Disturbance Power:30 MHz to 300 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

19.11 Electronic and Electric
Electric Tools, Regulating Controls
E002 EMC
CNS 13783-1
Terminal Disturbance Voltage:150 kHz to 30 MHz
Radiated Emission:30 MHz to 1 GHz
Disturbance Power:30 MHz to 300 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China



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19.99 Electronic and Electric
Industrial、Scientific、Medical Devices and Products
E002 EMC
CISPR 11
EN 55011
CNS 13803
CNS 13804
FCC Method-47 CFR Part 18
ANSI C63.4
MP-5
EN 60601-1-2
IEC 60601-1-2
AS/NZS CISPR 11
GB 4824
Terminal Disturbance:150 kHz to 30 MHz
Radiated:30 MHz to 1 GHz; 1 GHz to 18 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
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E002 EMC
CNS 13803
CNS 13804
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Electromagnetic Radiation Disturbance:30 MHz to 18 GHz,10 m

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China
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E002 EMC
FCC Method-47 CFR Part 18
ANSI C63.4
MP-5
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Electromagnetic Radiation Disturbance:30 MHz to 18 GHz for 10 m

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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19.99 Electronic and Electric
Electronic and electrical equipment
E009 EMC
EN 62311
(Annex A:Field calculation)
9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

19.99 Electronic and Electric
Electrical and electronic equipment
E002 EMC
EN 61000-6-1
EN 61000-6-2
EN 61000-6-3
EN 61000-6-4
Nominal Voltages of EUT:300 V (1 phase), 380 V (3 phase)
EUT Input Current:(0 to 16) A (per phase)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC
ENV 50204
200 Hz square wave modulation

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC
IEC 61000-4-11
EN 61000-4-11
GB/T 17626.11
Test Levels:(0 to 100) % of UT

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC
IEC 61000-4-12
EN 61000-4-12
GB/T 17626.12
Power for EUT:AC 600 V (Single/3 phase), 32 A
Ring wave:0.5 μ s/100 kHz, (0 to 6) kV

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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E002 EMC
IEC 61000-4-2
EN 61000-4-2
CNS 14676-2
GB/T 17626.2
Air Discharge:(0 to 25) kV
Contact Discharge:(0 to 10) kV

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC
IEC 61000-4-3
EN 61000-4-3
CNS 14676-3
GB/T 17626.3
Frequency Range:26 MHz to 2.7 GHz
Field Strength:1 V/m to 10 V/m
80 % Amplitude Modulated With a 1 kHz Sinewave

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC
IEC 61000-4-4
EN 61000-4-4
CNS 14676-4
GB/T 17626.4
Power range for EUT:
AC 440 V(Single/3 phase), 32 A
DC 125 V, 32 A
Test Levels:(0 to 4.4) kV

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC
IEC 61000-4-5
EN 61000-4-5
CNS 14676-5
GB/T 17626.5
Power range for EUT:
AC 440 V(Single/3 phase), 32 A
DC 125 V, 32 A
Test levels:(0 to 6.6) kV

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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E002 EMC

IEC 61000-4-6

EN 61000-4-6

CNS 14676-6

GB/T 17626.6

Frequency Range:150 kHz to 230 MHz

Test Levels:(0 to 10) V

80 % Amplitude Modulated With a 1 kHz Sinewave

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC

IEC 61000-4-8

EN 61000-4-8

CNS 14676-8

GB/T 17626.8

Test Levels for Continuous Field:1 A/m to 100 A/m

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

19.99 Electronic and Electric

Electrical and electronic equipment having an input current up to and including 16A per phase

E002 EMC

IEC 61000-3-2

EN 61000-3-2

JIS C61000-3-2

AS/NZS 61000.3.2

GB 17625.1

Nominal Voltages of EUT:300 V (1 phase), 380 V (3 phase)

EUT Input Current:(0 to 16) A (per phase)

Harmonic Order:1 to 40

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E002 EMC

IEC 61000-3-3

EN 61000-3-3

AS/NZS 61000.3.3

GB 17625.2

Nominal Voltages of EUT:300 V (1 phase), 380 V (3 phase)

EUT Input Current:(0 to 16) A (per phase)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

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■ 20.01 Information Technology and Communication

Data transmission equipment operating
in the 2,4 GHz ISM band and
using wide band modulation techniques

E004 Telecommunications

ETSI EN 300 328

ETSI EN 301 489-1

ETSI EN 301 489-17

2.4 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication

Mobile terminal equipment and module for 2G & 3G / Wi-Fi Mobile Converged Devices

E015 OTA

3GPP TS 34.114

3GPP TS 25.144

CTIA Test Plan for RF Performance Evaluation of Wi-Fi Mobile Converged Devices

CTIA Test Plan for Mobile Station OTA Performance Version 3.1

TRP (Total Radiation Power)

TIS (Total Isotropic Sensitivity)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication

Broadband Radio Access Networks (BRAN)

5 GHz high performance RLAN

E004 Telecommunications

ETSI EN 301 893-1

ETSI EN 301 489-1

ETSI EN 301 489-17

5 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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■ 20.01 Information Technology and Communication

Cordless audio devices

E004 Telecommunications

ETSI EN 301 357-1

ETSI EN 301 357-2

ETSI EN 301 489-1

ETSI EN 301 489-9

25 MHz to 2 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication

Specific Conditions for Mobile and Portable Radio and Ancillary Equipment of Digital Cellular Radio Telecommunications Systems (GSM and DCS)

E004 Telecommunications

ETSI EN 301 489-7

9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication

Mobile Terminal and Module for GSM 900/DCS 1800

E004 Telecommunications

PLMN01

ETSI EN301 511

900 MHz Freq. bands:

Tx:890 MHz to 915 MHz

Rx:935 MHz to 960 MHz

Power:8 W

1800 MHz Freq. bands:

Tx:1710 MHz to 1785 MHz

Rx:1805 MHz to 1880 MHz

Power:4 W

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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■ 20.01 Information Technology and Communication
Specific Conditions for IMT-2000 CDMA Direct Spread (UTRA) for Mobile and Portable (UE) Radio and Ancillary Equipment
E004 Telecommunications
ETSI EN 301 489-24
9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication
Mobile phone(850/900/1800/1900/2100 mHz); WLAN(802.11a,b,g); Other portable or mobile wireless communications products (including GPS / GSM locator, anti-electromagnetic shielding products).
E009 SAR
IEEE/ANSI C95.1, C95.3
FCC OET 65 Supplement C
CENELEC EN 50360
CENELEC EN 50361
RSS 102
EN 50371
IEEE Std 1528
CNS 14958-1
CNS 14959
IEC 62209-1
EN 62209-1
IEC 62209-2
EN 62209-2
EN 62479
ANSI C63.19
 $f \leq 6 \text{ GHz}$
 $5 \mu\text{W/g}$ to 100 mW/g

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication
Public mobile services, Personal Communications Services, GSM/WCDMA devices
E004 Telecommunications
FCC Part 22H
FCC Part 24E
Frequency:(824 to 849) MHz, (1850 to 1910) MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

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■ 20.01 Information Technology and Communication
Low-power electronic and electrical equipment
E009 EMC
EN 63479
Terminal Disturbance:150 kHz to 30 MHz
Radiated Disturbance:5 Hz to 60GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication
Third generation Mobile Telecommunication Terminal Equipment
E004 Telecommunications
PLMN08
ETSI EN301 908-1
ETSI EN301 908-2
WCDMA FDD
Tx:1920 MHz to 1980 MHz
Rx:2110 MHz to 2170 MHz
CDMA2000 FDD
Base class 0
Tx:824 MHz to 849 MHz
Rx:869 MHz to 894 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication
Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands)
E004 Telecommunications
RSS-210
RSS-310
RSS-GEN
9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication
Intentional Radiators;Unlicensed National Information Infrastructure Devices
E004 Telecommunications
FCC Method-47 CFR Part 15 Subpart C
FCC Method-47 CFR Part 15 Subpart E
9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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■ 20.01 Information Technology and Communication
(New)Intentional Radiators;Unlicensed National Information Infrastructure Devices
E009 Telecommunications
EN 50371
10 MHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E009 Telecommunications
EN 50385
110 MHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.01 Information Technology and Communication
Data transmission
equipment operating in the 900 MHz, 2.4
GHz and 5.8 GHz bands and using
spread spectrum modulation techniques
E004 Telecommunications
AS/NZS 4771
9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.03 Information Technology and Communication
Digital Terrestrial Television Receivers
E014 Digital Terrestrial Television Receivers
Testing
Technical specification for digital terrestrial television receivers
CNS 14972
CNS 14409
CNS 14676-4
CNS 14676-5
CNS 14676-6
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Antenna Terminal Disturbance Voltage:30 Hz to 2.15 GHz
The Wanted Signal and Disturbance Voltage at RF Output Terminals:30 MHz to 2.15 GHz
Disturbance Power:30 MHz to 300 MHz
Radiated Disturbance at 3 m:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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E014 Digital Terrestrial Television Receivers
Testing
Technical specification for digital terrestrial television receivers
CNS 14972
UK D-Book
Europe E-Book
IEC 62216

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.03 Information Technology and Communication
Broadcast Receivers and Associated Equipments
E002 EMC
CISPR 13
EN 55013
J55013
EN 55020
CISPR 20
CNS 13439
CNS 14409
FCC Method-47 CFR Part 15 Subpart B
ANSI C63.4
AS/NZS CISPR13
GB 13837
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Antenna Terminal Disturbance Voltage:30 Hz to 2.15 GHz
The Wanted Signal and Disturbance Voltage at RF Output Terminals:30 MHz to 2.15 GHz
Disturbance Power:30 MHz to 300 MHz
Radiated Disturbance at 3m:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

E002 EMC
CNS 13439
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Antenna Terminal Disturbance Voltage:30 Hz to 2.15 GHz
The Wanted Signal and Disturbance Voltage at RF Output Terminals:30 MHz to 2.15 GHz
Disturbance Power:30 MHz to 300 MHz
Radiated Disturbance at 3 m:30 MHz to 1 GHz

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■ 20.03 Information Technology and Communication
Sound and Television Broadcast Receivers and Associated Equipment
E002 EMC
FCC Method-47 CFR Part 15 Subpart B
ANSI C63.4
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Antenna Terminal Disturbance Voltage:30 Hz to 2.15 GHz
The Wanted Signal and Disturbance Voltage at RF Output Terminals:30 MHz to 2.15 GHz
Disturbance Power:30 to 300 MHz
Radiated Disturbance at 3 m:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.13 Information Technology and Communication
Low power R.F. equipment
E004 Telecommunications
NCC LP0002
Frequency Range:9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E004 Telecommunications
NCC LP0002
Frequency Range:9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.13 Information Technology and Communication
Short Range Devices; Radio equipment
E004 Telecommunications
ETSI EN 300 220-1
ETSI EN 300 220-2
ETSI EN 300 220-3
ETSI EN 301 489-1
ETSI EN 301 489-3
25 MHz to 1,000 MHz
frequency range with power levels ranging up to 500 mW

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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E004 Telecommunications
ETSI EN 300 330-1
ETSI EN 300 330-2
ETSI EN 301 489-1
ETSI EN 301 489-3
9 kHz to 25 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E004 Telecommunications
ETSI EN 300 440-1
ETSI EN 300 440-2
ETSI EN 301 489-1
ETSI EN 301 489-3
ARIB STD-T33
ARIB STD-T66
1 GHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.13 Information Technology and Communication
Short range devices
E004 Telecommunications
AS/NZS 4268
9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.21 Information Technology and Communication
Information Technology Equipment
E002 EMC
CISPR 22
EN 55022
J55022
CISPR 24
EN 55024
JEITA IT-3001
CNS 13438
FCC Method-47 CFR Part 15 Subpart B
ANSI C63.4
VCCI V-3
AS/NZS CISPR 22

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Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

GB 9254

GB/T 17618

Conducted Disturbance:150 kHz to 30 MHz

Conducted Disturbance:150 kHz to 30 MHz (ISN for Telecommunication Ports)

Radiated Disturbance:30 MHz to 18 GHz

Site VSWR:1 GHz to 18 GHz (3 m/ Lin-kou:10 m Chamber, 966 Chamber 01, 02, 03;
Shenzhen:10 m Chamber;Wujiang Lab:10 m Chamber)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.

2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China

3. No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

E002 EMC

CNS 13438

Conducted Disturbance:150 kHz to 30 MHz

Conducted Disturbance:150 kHz to 30 MHz (ISN for Telecommunication Ports)

Radiated Disturbance:30 MHz to 18 GHz

Site VSWR:1 GHz to 18 GHz (3 m/ Lin-kou:10 m Chamber, 966 Chamber 01, 02, 03;
Shenzhen:10 m Chamber;Wujiang Lab:10 m Chamber)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2.

No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China

3.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

E002 EMC

FCC Method-47 CFR Part 15 Subpart B

ANSI C63.4

Conducted Disturbance:150 kHz to 30 MHz

Conducted Disturbance:150 kHz to 30 MHz (ISN for Telecommunication Ports)

Radiated Disturbance:30 MHz to 18 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



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Taiwan Accreditation Foundation

■ 22.99 Transportation Equipment
UPS / Public low-voltage power supply systems
E002 EMC
IEC 61000-2-2
EN 61000-2-2 Chapter 4.2 (only IEC 61000-3-3)
Voltage fluctuations and flicker

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

Accreditation Program for Designated Testing Laboratory for Commodities Inspection

■ 18.01 Commodity
Electrical Lighting and Similar Equipment
E002 EMC
CNS 14115
Terminal Disturbance Voltage:9 kHz to 30 MHz
Disturbance Power:9 kHz to 30 MHz
2 m Loop Antenna
Insertion loss:160 kHz to 1,450 kHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China

■ 18.02 Commodity
Household Electrical Appliances
E002 EMC
CNS 13783-1
Terminal Disturbance Voltage:150 kHz to 30 MHz
Radiated Emission:30 MHz to 1 GHz
Disturbance Power:30 MHz to 300 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F
#34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block
52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East
Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

■ 18.04 Commodity
Broadcast Receivers and Associated Equipments
E002 EMC
CNS 13439
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Antenna Terminal Disturbance Voltage:30 Hz to 2.15 GHz

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Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

The Wanted Signal and Disturbance Voltage at RF Output Terminals:30 MHz to 2.15 GHz
Disturbance Power:30 MHz to 300 MHz
Radiated Disturbance at 3 m:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

19.06 Electronic and Electric
Uninterruptible Power System
E002 EMC
CNS 14757-2
Terminal Disturbance Voltage:150 kHz to 30 MHz
Radiated Disturbance:30 MHz to 1 GHz, 3 m/10 m

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 3. No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

19.11 Electronic and Electric
Electric Tools, Regulating Controls
E002 EMC
CNS 13783-1
Terminal Disturbance Voltage:150 kHz to 30 MHz
Radiated Emission:30 MHz to 1 GHz
Disturbance Power:30 MHz to 300 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2. 3F #34 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai, China 3.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China 4.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

19.99 Electronic and Electric
Industrial 、Scientific 、Medical Devices and Products
E002 EMC
CNS 13803
CNS 13804
Mains Terminal Disturbance Voltage:150 kHz to 30 MHz
Electromagnetic Radiation Disturbance:30 MHz to 18 GHz,10 m



Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C.
2.No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China
3.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China

■ 20.03 Information Technology and Communication
Digital Terrestrial Television Receivers
E014 Digital Terrestrial Television Receivers
Testing
Technical specification for digital terrestrial television receivers
CNS 14972
CNS 14409
CNS 14676-4
CNS 14676-5
CNS 14676-6

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.21 Information Technology and Communication
Information Technology Equipment
E002 EMC
CNS 13438
Conducted Disturbance:150 kHz to 30 MHz
Conducted Disturbance:150 kHz to 30 MHz (ISN for Telecommunication Ports)
Radiated Disturbance:30 MHz to 18 GHz
Site VSWR:1 GHz to 18 GHz (3 m/ Lin-kou:10 m Chamber, 966 Chamber 01, 02, 03;
Shenzhen:10 m Chamber;Wujiang Lab:10 m Chamber)

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff
Testing Place: 1.No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R. O. C. 2.
No.6 KeFeng Rd., Block 52, Shenzhen Science & Industry Park, Nantou, Shenzhen, China
3.No.1289, Jiang Xing East Road, The Eastern Part of Wujiang Economic Development Zone, Wujiang, China



Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

Accreditation Program for Telecommunication Equipment Testing Laboratory

■ 20.01 Information Technology and Communication

Mobile Terminal and Module for GSM 900/DCS 1800

E004 Telecommunications

PLMN01

ETSI EN301 511

900 MHz Freq. bands:

Tx:890 MHz to 915 MHz

Rx:935 MHz to 960 MHz

Power:8 W

1800 MHz Freq. bands:

Tx:1710 MHz to 1785 MHz

Rx:1805 MHz to 1880 MHz

Power:4 W

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E004 Telecommunications

PLMN01

ETSI EN301 511

900 MHz Freq. bands:

Tx:890 MHz to 915 MHz

Rx:935 MHz to 960 MHz

Power:8 W

1800 MHz Freq. bands:

Tx:1710 MHz to 1785 MHz

Rx:1805 MHz to 1880 MHz

Power:4 W

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E004 Telecommunications

PLMN01

ETSI EN301 511

900 MHz Freq. bands:

Tx:890 MHz to 915 MHz

Rx:935 MHz to 960 MHz

Power:8 W

1800 MHz Freq. bands:

Tx:1710 MHz to 1785 MHz

Rx:1805 MHz to 1880 MHz

Power:4 W

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

■ 20.01 Information Technology and Communication
Third generation Mobile Telecommunication Terminal Equipment
E004 Telecommunications
PLMN08
ETSI EN301 908-1
ETSI EN301 908-2
WCDMA FDD
Tx:1920 MHz to 1980 MHz
Rx:2110 MHz to 2170 MHz
CDMA2000 FDD
Base class 0
Tx:824 MHz to 849 MHz
Rx:869 MHz to 894 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

E004 Telecommunications
PLMN08
ETSI EN301 908-1
ETSI EN301 908-2
WCDMA FDD
Tx:1920 MHz to 1980 MHz
Rx:2110 MHz to 2170 MHz
CDMA2000 FDD
Base class 0
Tx:824 MHz to 849 MHz
Rx:869 MHz to 894 MHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.13 Information Technology and Communication
Low power R.F. equipment
E004 Telecommunications
NCC LP0002
Frequency Range:9 kHz to 40 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff



Certificate No. : L1724-130607

財團法人全國認證基金會
Taiwan Accreditation Foundation

Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities

■ 18.04 Commodity

Sound and Television Broadcast Receivers and Associated Equipment

E002 EMC

FCC Method-47 CFR Part 15 Subpart B

ANSI C63.4

Mains Terminal Disturbance Voltage:150 kHz to 30 MHz

Antenna Terminal Disturbance Voltage:30 Hz to 2.15 GHz

The Wanted Signal and Disturbance Voltage at RF Output Terminals:30 MHz to 2.15 GHz

Disturbance Power:30 to 300 MHz

Radiated Disturbance at 3 m:30 MHz to 1 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 19.99 Electronic and Electric

Industrial 、 Scientific 、 Medical Devices and Products

E002 EMC

FCC Method-47 CFR Part 18

ANSI C63.4

MP-5

Mains Terminal Disturbance Voltage:150 kHz to 30 MHz

Electromagnetic Radiation Disturbance:30 MHz to 18 GHz for 10 m

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

■ 20.21 Information Technology and Communication

Information Technology Equipment

E002 EMC

FCC Method-47 CFR Part 15 Subpart B

ANSI C63.4

Conducted Disturbance:150 kHz to 30 MHz

Conducted Disturbance:150 kHz to 30 MHz (ISN for Telecommunication Ports)

Radiated Disturbance:30 MHz to 18 GHz

Approval Signatory: LIU, Leon;DENG, Alex;CHENG, Ben;CHEN, Jeff

(Null below)