



敦吉電子(上海)有限公司

上海市漕河涇新興技術開發區桂平路

680號34棟3樓 200233

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acibm@audix.com

敦吉電子(上海)有限公司

我們的服務宗旨: 為顧客提供一個最專業, 最精準, 最快速, 最便捷的一站式服務!



公司地址: 上海市漕河涇新興技術開發區桂平路680號34棟3樓 200233

電話: +86-21-64955500 傳真: +86-21-64955491

聯繫人: 趙崇輝 于志勇

敦吉電子(上海)有限公司



敦吉電子(上海)有限公司創立於1996年,是集電磁兼容、產品安全測試及國際認證,以及EMC測試場地整合工程為一體的國際化實驗室。我們不僅擁有先進齊全的測試設備及場地,且依ISO/IEC17025獲得美國、挪威、日本等國的實驗室認可,亦與許多國際認證機構建立了良好的合作關係,如美國UL/FCC/FDA/EPA,加拿大CSA,德國TUV/VDE,英國ITS,荷蘭KEMA,日本VCCI,挪威Nemko/DNV,等。

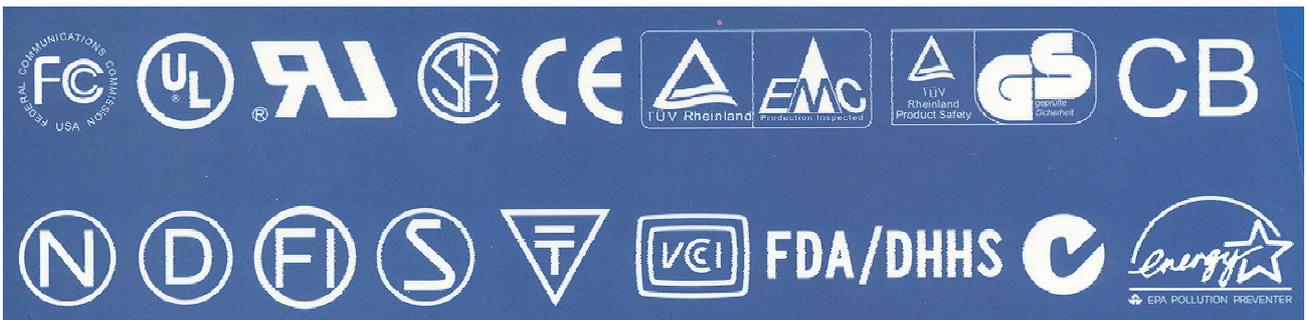
為適應中國大陸對電子產品要求的逐步規範,我們也同時取得了申請3C認證的代理資格,並與中國商檢總公司CCIC及上海產品質量監督檢驗所SIST建立了分包合作的關係。

❖ 目前主要客戶

- 資訊類: 戴爾, 英特爾, LG, 惠普, 貝爾-阿爾卡特, 朗訊, 飛利浦, UT斯達康, 夏普, 理光, 華碩, 冠捷, 仁寶, 明碁, 英業達, 中興, 實達電腦 ...
- 家電類: 索尼, 松下, 燦坤, 震旦, 喬山, 超人 ...
- 影音類: JVC, 東方冠捷, 上廣電, 熊貓, 賽博 ...
- 燈具類: 通用電氣, 飛利浦照明, 浙江陽光, 橫店得邦, 環球邁特 ...



組織架構



歷史沿革

- 1996年03月 – 設立電磁兼容、安全規格之專業實驗室
- 1997年07月 – 建立三間電波暗室、二間屏蔽室及產品安全實驗室
- 1998年07月 – 開始運作並對外開放運營
- 1998年09月 – 3米標準電波暗室取得美國FCC認可證書
- 1999年03月 – 取得美國NVLAP認可證書
- 1999年09月 – 取得日本VCCI認可證書
- 1999年11月 – 取得挪威DNV認可證書
- 2000年11月 – 與北京商檢總公司CCIC簽署分包協議
- 2001年03月 – 由經北京CQC授權申請CCIB/CCEE之代理資格
- 2001年06月 – 與上海質檢所簽署EN55022產品測試分包協議
- 2002年07月 – 與上海市產品質量監督檢驗所簽訂分包協議
- 2002年07月 – 與國家燈具質量監督檢驗中心簽訂協議書
- 2002年09月 – 取得美國ULC認可證書
- 2003年06月 – 取得沙特阿拉伯SASO認可證書
- 2003年06月 – 取得美國TIMCO認可證書
- 2004年04月 – 與國家電光源質量監督檢驗中心(北京)簽訂檢驗項目分包協議
- 2004年11月 – 取得加拿大Industry Canada認可證書
- 2005年05月 – 取得中國台灣CNLA認可證書



業務範圍

電磁兼容部認證測試服務內容:

- ◆ 歐洲CE認證
- ◆ 德國TUV-EMC認證
- ◆ 美國FCC Part 15, Part 18認證
- ◆ 日本VCCI認證
- ◆ 新西蘭/澳洲C-Tick認證
- ◆ 中國台灣BSMI認證
- ◆ 南非SABS認證
- ◆ 沙特阿拉伯SASO認證
- ◆ 加拿大IC認證
- ◆ 委託測試及租用實驗室服務



安全規格部認證測試服務內容:

- ◆ 美國UL/CUL認證
- ◆ 美國ETL認證
- ◆ 加拿大CSA認證
- ◆ 歐洲CE認證
- ◆ 德國GS認證
- ◆ 沙特阿拉伯SASO認證
- ◆ 南非SABS認證
- ◆ 美國能源之星申請
- ◆ 美國FDA測試及報告
- ◆ 通訊終端產品申請美國FCC Part 68測試及報告
- ◆ 人體工學測試
- ◆ MPRII/TCO低頻電磁場,靜電場測試
- ◆ 委託測試及租用實驗室服務

對策部服務內容:

- ◆ 電磁兼容相關測試項目的對策修改及相關技術協助
- ◆ 產品設計初期電磁兼容技術導入支持
- ◆ 電磁兼容對策元器件的提供及應用介紹
- ◆ 電波暗室實驗室設計及建造工程

測試項目

電磁兼容:

電磁干擾部分

- ▶ 輻射測試
- ▶ 傳導測試
- ▶ 功率輻射測試
- ▶ 電流諧波測試
- ▶ 電壓波動測試

電磁容忍度部分

- ▶ 靜電測試
- ▶ 輻射敏感度測試
- ▶ 快速瞬變脈衝測試
- ▶ 浪湧測試
- ▶ 傳導敏感度測試
- ▶ 工頻磁場測試
- ▶ 電壓跌落測試

安全規格:

- ▶ 冷熱衝擊測試
- ▶ 電源線扣拉力測試
- ▶ 電氣強度測試
- ▶ 高溫烘箱測試
- ▶ CRT輻射測量
- ▶ 絕緣阻抗測試
- ▶ 工作電壓測試
- ▶ 元器件破壞測試
- ▶ 接地連續性測試
- ▶ 防機械傷害測試
- ▶ 各種異常測試
- ▶ 開關式/傳統式電源過載保護
- ▶ 輸入功率與輸入電流測試
- ▶ 放電測試
- ▶ 溫升測試
- ▶ 燈座扭矩測試
- ▶ 衝擊錘測試
- ▶ 跌落測試
- ▶ 撞擊測試
- ▶ 球壓測試
- ▶ 灼熱測試
- ▶ 耐久測試
- ▶ 漏電流測試
- ▶ 光功率測試
- ▶ 帶電體可接觸性測試
- ▶ 爬電距離,電氣間隙及絕緣厚度測量

技術能力

電磁兼容服務能力

產品類別	IEC/CISPR	EN	FCC
工科醫類產品	CISPR 11	EN 55011 EN 60601-1-2	FCC Part 18
音/視頻類產品	CISPR 13 CISPR 20	EN 55013 EN 55020	
家電類產品	CISPR 14-1 CISPR 14-2	EN 55014-1 EN 55014-2	
燈具類產品	CISPR 15 IEC 61547	EN 55015 EN 61547	FCC Part 18
信息技術類產品(射頻器件)	CISPR 22 CISPR 24	EN 55022 EN 55024	FCC Part 15 (Verification, DoC, ID)
GSM手機		ETSI EN301 489-1/7	
其他服務	IEC 61326 IEC 61000-3-X IEC 61000-4-X IEC 61000-6-X	EN 61326 EN 61000-3-X EN 61000-4-X EN 61000-6-X	



技術能力

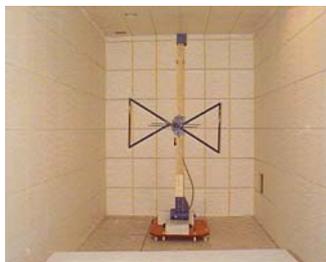
安全規格服務能力

產品類別	UL	EN/IEC/GB
音/視頻類產品	UL60065	EN/IEC60065 GB8898
家電類產品	UL1026 UL1083 UL499	EN/IEC60335 GB4706-1
燈具及整流器	UL153 UL1598 UL1993 UL935	GB7000-1 EN/IEC61347-1 EN/IEC61347-2-3
變壓器及充電器、 電源供應器	UL1310 UL1012 UL1236 UL1411	EN/IEC61558-1 EN/IEC61558-2-6
信息技術類產品	UL60950	EN/IEC60950 GB4943



實驗室介紹

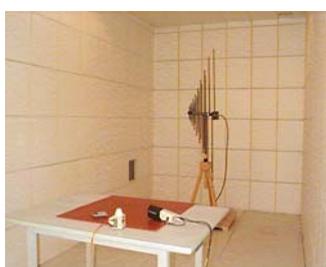
EMC - 電磁兼容



1 號 簡易電波暗室

尺寸: 7m(長)*3m(寬)*3m(高)

適用於EMI輻射預測試及整改對策



2 號 簡易電波暗室

尺寸: 7m(長)*3m(寬)*3m(高)

適用於輻射和傳導敏感度測試



1 號 屏蔽室

尺寸: 8.5m(長)*4.22m(寬)*3.38m(高)

適用於EMI傳導· Click及功率輻射測試



2 號 屏蔽室

尺寸: 6.6m(長)*4.5m(寬)*3m(高)

適用於電流諧波· 電壓波動· 靜電· 快速瞬變脈沖· 浪涌· 工頻磁場及電壓跌落等測試



3 號 標準電波暗室

尺寸: 10m(長)*7m(寬)*7m(高)

適用於3米EMI輻射測試

此暗室已於98年9月獲取FCC Filing以及99年3月獲得美國NVLAP認可

實驗室介紹

安全規格



環境/耐受度實驗室

尺寸: 6.2m(長)*6.2m(寬)*3m(高)

適用於溫濕度測試



安規實驗室

尺寸: 17.8m(長)*9.2m(寬)*2.5m(高)

適用於資訊·家電及燈具產品安規測試



Ergo./MPRII/TCO 實驗室

尺寸: 4m(長)*7.4m(寬)*2.5m(高)

適用於人體工學, MPRII(低輻射測試)及TCO
等各項測試

資格證書

National Institute of Standards and Technology **NVLAP** National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

Page: 1 of 4
NVLAP LAB CODE 200371-0

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

AUDIX TECHNOLOGY (SHANGHAI) CO., LTD.
3F 34 Bldg, 689 Guiping Road
Caohejing, Hi-Tech Park
Shanghai 200233
CHINA
Mr. Jeff Chen
Phone: 86-21-64955500 Fax: 86-21-64955491
E-Mail: audix@audix.com

NVLAP Code Designation / Description

Emissions Test Methods:

12.CIS14	CISPR 14-1 (March 30, 2000) Limits and Methods of Measurement of Radio Interference Characteristics of Household Electrical Appliances, Portable Tools and Similar Electrical Apparatus - Part 1: Emissions
12.CIS14a	EN 55014-1 (1993), A1 (1997), A2 (1999)
12.CIS14b	AS/NZS 1044 (1995)
12.CIS14c	CNS 13783-1: Electromagnetic Compatibility Requirements for household appliances, electric tools and similar apparatus - Part 1: Emissions
12.CIS22	IEC/CISPR 22 (1997) & EN 55022 (1998) + A1(2000): Limits and methods of measurement of radio disturbance characteristics of information technology equipment

March 31, 2006
Effective through

[Signature]
For the National Institute of Standards and Technology

NVLAP 013 08(01)

National Institute of Standards and Technology **NVLAP** National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

Page: 2 of 4
NVLAP LAB CODE 200371-0

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

AUDIX TECHNOLOGY (SHANGHAI) CO., LTD.

NVLAP Code Designation / Description

12.CIS22a	IEC/CISPR 22 (1993) and EN 55022 (1994): Limits and methods of measurement of radio disturbance characteristics of information technology equipment, Amendment 1 (1995) and Amendment 2 (1996)
12.CIS22b	CNS 13438 (1997): Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment
12.EM02a	IEC 61000-3-2, Edition 2.1 (2001-10), EN 61000-3-2 (2000), and AS/NZS 2279.1 (2000): Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current <= 16 A)
12.EM03b	IEC 61000-3-3, Edition 1.1(2002-03) & EN 61000-3-3, A1(2001): EMC - Part 3-3: Limits - Limitations of voltage changes, voltage fluctuations and flicker, in public low-voltage supply-systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection
12.F18	FCC OSTEMP-5 (1986): FCC Methods of Measurement of Radio Noise Emissions for ISM Equipment (cited in FCC Method 47 CFR Part 18 - Industrial, Scientific, and Medical Equipment)
12.FCC15b	ANSI C63.4 (2003) with FCC Method 47 CFR Part 15, Subpart B: Unintentional Radiators

March 31, 2006
Effective through

[Signature]
For the National Institute of Standards and Technology

NVLAP 013 08(01)

United States Department of Commerce
National Institute of Standards and Technology

NVLAP

ISO/IEC 17025:1999
ISO 9002:1994

Certificate of Accreditation

AUDIX TECHNOLOGY (SHANGHAI) CO., LTD.
SHANGHAI 200233
CHINA

is recognized by the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria set forth in NIST Handbook 150-2001, all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994. Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

March 31, 2006
Effective through

[Signature]
For the National Institute of Standards and Technology
NVLAP Lab Code: 200371-0

NVLAP 013 08(01)

National Institute of Standards and Technology **NVLAP** National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

Page: 3 of 4
NVLAP LAB CODE 200371-0

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

AUDIX TECHNOLOGY (SHANGHAI) CO., LTD.

NVLAP Code Designation / Description

12.T751	AS/NZS CISPR 22 (2002) and AS/NZS 3548 (1997): Electromagnetic Interference - Limits and Methods of Measurement of Information Technology Equipment
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Immunity Test Methods:

12.301	IEC 61000-4-2, Ed. 2.1 (2001), A1, A2, EN 61000-4-2: Electrostatic Discharge Immunity Test
12.302	IEC 61000-4-3, Ed. 2.0 (2002-03), EN 61000-4-3 (2002): Radiated Radio-Frequency Electromagnetic Field Immunity Test
12.303	IEC 61000-4-4(1995), A1(2000), A2(2001); EN 61000-4-4: Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical Fast Transient/Burst Immunity Test
12.304	IEC 61000-4-5, Ed. 1.1 (2001-04), EN 61000-4-5: Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test
12.305	IEC 61000-4-6, Ed. 2.0 (2003-05); EN 61000-4-6: Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
12.306	IEC 61000-4-8, Ed. 1.1 (2001); EN 61000-4-8: Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test

March 31, 2006
Effective through

[Signature]
For the National Institute of Standards and Technology

NVLAP 013 08(01)

National Institute of Standards and Technology **NVLAP** National Voluntary Laboratory Accreditation Program

ISO/IEC 17025:1999
ISO 9002:1994

Scope of Accreditation

Page: 4 of 4
NVLAP LAB CODE 200371-0

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

AUDIX TECHNOLOGY (SHANGHAI) CO., LTD.

NVLAP Code Designation / Description

12.307	IEC 61000-4-11, Ed. 1.1 (2001-03); EN 61000-4-11: Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests
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March 31, 2006
Effective through

[Signature]
For the National Institute of Standards and Technology

NVLAP 013 08(01)

NVLAP

AUDIX

資格證書



VCCI



TIMCO



資格證書

FEDERAL COMMUNICATIONS COMMISSION

Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

August 15, 2003

Registration Number: 91789

Audix Technology (Shanghai) Co., Ltd.
3F #34 Bldg. No. 680 Gui Ping Rd.
Caohejing Hi-Tech Park
Shanghai,
China

Attention: Byron Kwo

Re: Measurement facility located at Shanghai
Anechoic chamber (3 meters)
Date of Renewal: August 15, 2003

Dear Sir or Madam:

Your request for renewal of the registration of the subject measurement facility has been received. The information submitted has been placed in your file and the registration has been renewed. The name of your organization will remain on the list of facilities whose measurement data will be accepted in conjunction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Please note that the file must be updated for any changes made to the facility and the registration must be renewed at least every three years.

Measurement facilities that have indicated that they are available to the public to perform measurement services on a fee basis may be found on the FCC website www.fcc.gov under E-Filing, OET Equipment Authorization Electronic Filing, Test Firms.

Sincerely,

Ms. Poojitha Parvath
Information Technician

FCC



Incorporated 1920

Underwriters' Laboratories of Canada

An Affiliate of Underwriters Laboratories Inc.

September 18, 2002

Audix Technology (Shanghai) Co., Ltd.
34, 3-4 Flr, 680 Gui Ping Road, Caohejing Hi-Tech Park,
Shanghai, China

Attention: Mr. Jason Chen

Subject: Report on Assessment of Test Facility for Witnessed Test Data Program

Dear Mr. Chen:

We have completed assessment of your test facility under UL's Witnessed Test Data Program (WTDP). This letter is our report.

The test laboratory was found to have facilities, equipment and personnel needed to conduct tests covered by the assessment and noted on the "Test Qualification List", copy attached.

Very truly yours,

Reviewed by:


Joseph Petilla
Project Handler
L.E.S. - Vancouver
UL Canada


W. Alfred Fung, P. Eng.
Project Engineer
L.E.S. - Vancouver
UL Canada

13778 Commerce Parkway, Suite 130
Richmond, B.C., Canada V6V 2V4
Telephone: (604) 274-9555
Fax: (604) 274-9580
Visit us at: www.ulc.ca e-mail: vancouver@ulc.ca



ULC

KINGDOM OF SAUDI ARABIA
SAUDI ARABIAN STANDARDS ORGANIZATION

المملكة العربية السعودية
هيئة القياسية للمواصفات والمقاييس

NO : التاريخ :
A/1425 : الترخيص :
Sub : الموضوع :
21 June 2003

Byron Kwo, Assistant Manager
Audix Technology (Shanghai) Co., Ltd.
3F 34 Bldg, 680 Gui Ping Road, Caohejing,
Hi-Tech Park, Shanghai,
China

Fax: 0086 21 6495 5491

Dear Mr. Kwo,

Thank you for your interest to participate in the Program and for the return of the completed laboratory application form. Following our review of your application and supporting documents, we are pleased to inform you that your laboratory has been formally accepted and recognised in status as a SASO approved laboratory to perform the relevant testing, on the product category specified in your application, as required by the Program's activity.

It will be your responsibility to ensure that you receive the latest information on the development of the Program and SASO standards. You will be legally accountable for ensuring all testing performed is based on SASO standards if available, otherwise, based on international standards to satisfy the requirements of the Program, taking into account, where applicable, the specific requirements relating to the Saudi Arabian National Deviations. Accordingly if you agree to the terms of your engagement in the Program, please sign below and return this letter to SASO by fax (+966 1 456 9977) at your earliest.

Best regards

Professor Al Khalaf
Director General of Quality Control Dept. - SASO

I've accepted the terms of the above letter and agree to abide by its requirements.

Full Name: Byron Kwo Signature: Byron Kwo
Position: Assistant Manager Date: 23/09/03

SASO

Industry Canada / Industrie Canada

November 29, 2004

Mr. Jason Chen
Audix Technology (Shanghai) Co. Ltd.
3F, 34 Bldg., 680 Gui Ping Road
Caohejing Hi-Tech Park
Shanghai,
China
200233

Our File: 46405-5484
Submission: 103680

Dear Mr. Chen,

The Bureau has received your test report for a 3m Alternate Test Site located in Shanghai, China. I have reviewed the report and find it complies with RSS 212, Issue 1 (Provisional).

The site is acceptable to Industry Canada for the performance of radiated measurements.

Please reference the file number (IC-5484) in the body of all test reports containing measurements made on this site.

This reference number is the indication to the Industry Canada Certification Officers that the site meets the requirements of RSS 212, Issue 1 (Provisional). Your company has been added to our published list of filed sites on the Bureau's web page. Please keep the contact information current by notifying us if it changes or is in error.

Keep informed of the latest Industry Canada regulations by visiting the Bureau's site on the World Wide Web:

<http://strategies.gc.ca/epic/internet/inceb-bbist.nsf/en/Home>

Whenever major construction or repairs to the site are completed, a re-submission of the site attenuation characteristics will be required, or every three years.

Yours sincerely,

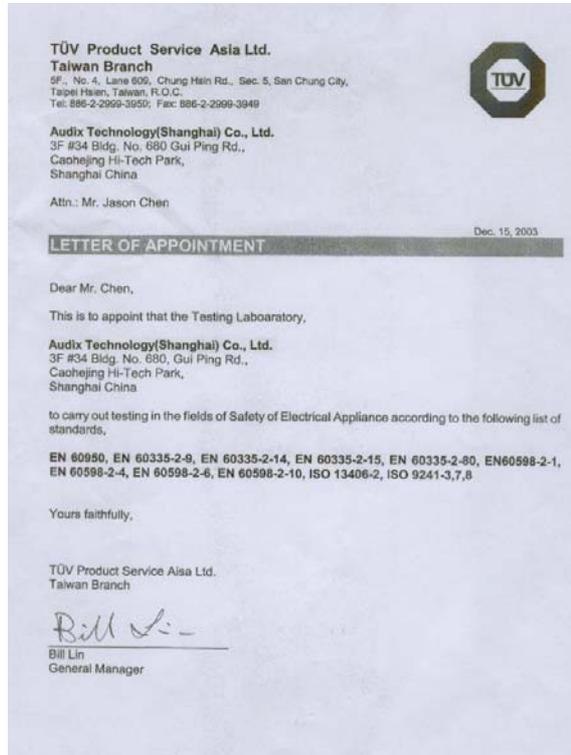

Stéphane Proulx
for Wireless Laboratory Manager
Certification and Engineering Bureau
3701 Carling Ave., Building 94
P.O. Box 11490, Station "H"
Ottawa, Ontario
K2H 8S2
Tel. No. (613) 990-3796

Canada

IC

AUDIX

資格證書



TUV-PS



CNLA (中文)



CNLA (英文)