Agent of pkm Accredited Laboratory

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Nemko Qualified Independent Laboratory

F C C -

TEST REPORT

REPORT NO.: 51558

Address 地址: Units 602-605, 6/F., 31 Lok Yip Rd., On Lok Tsuen, Fanling, N.T., Hong Kong
香港新界粉嶺安樂村樂業路31號6樓602-605室
China 中國: IECC (Guangzhou) Services Co., Ltd. 廣州時並進技術服務有限公司
Address 地址: Flat A, 2/F., Block 3, 56 Shuiyin Road, Guangzhou, P.R. of China
廣州市水蔭路56號3樓2A室 Postcode 郵政編號: 510075

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E-mail 電子郵件: info@iecc.com.hk
Home Page 網頁: http://www.iecc.com.hk

Tel 電話: (86-20) 8768 4838
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Home Page 網頁: http://www.iecc.net.cn

FCC listed testlab
acc. to Section 2.948 of the FCC - Rules

Product	:	Electronic Ballast
Product Class	:	Part 18 Consumer Device
Brand Name	:	--
Model	:	YC-322519A-2
Importer	:	JIANGMEN PENGJIANG YUCHENG ELECTRICAL APPLIANCES LIMITED CORPORATION
FCC ID No.	:	WZMYC-19A-2

FCC – Test Report

Date: 2008-12-22

No. 51558

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Tel 電話: (86-20) 8768 4838 Fax 傳真: (86-20) 8768 3918 E-mail 電子郵件: info@iecc.net.cn Home Page 網頁: http://www.iecc.net.cn

FCC – Test Report

Date: 2008-12-22

No. 51558

LABORATORY - REPORT

APPLICANT:	JIANGMEN PENGJIANG YUCHENG ELECTRICAL APPLIANCES LIMITED CORPORATION
ADDRESS:	Xiacun Developing District, Hetang Town Pengjiang District, Jiangmen Guangdong, China
DATE OF SAMPLE RECEIVED:	2008-12-13
DATE OF TESTING:	2008-12-19

DESCRIPTION OF SAMPLE:

Product:	Electronic Ballast (Connected to one or two fluorescent lamps type : T8 59W)
Product class:	Part 18 Consumer Device
Model no.:	YC-322519A-2
FCC ID number:	WZMYC-19A-2
Rating:	AC 120V 60Hz

CONDITION OF TEST SAMPLE: The received samples were under good condition.

INVESTIGATIONS REQUESTED: Measurements to the relevant clauses of F.C.C. Rules and Regulations Part 18 – Industrial, Scientific, and Medical Equipment

RESULTS: See the attached test sheets

CONCLUSIONS: From the measurement data obtained, the tested sample was considered to have COMPLIED with the requirements for the relevant clauses of Federal Communications Commission Rules as specified above.

INTERNATIONAL ELECTRICAL CERTIFICATION CENTRE LTD. IECC

Authorized Signature

Test Location

International Electrical Certification Centre Ltd.
Units 602-605, 31 Lok Yip Road, On Lok Tsuen, Fanling, N.T., Hong Kong
Tel : +852 23052570
Fax : +852 27564480
Email : info@iecc.com.hk

Summary of Test Results

Radiated Emission:

Test result: N.A.
Test data: N.A.

Conducted Emission:

Test result: O.K.
Test data: See attached data sheet

TEST EQUIPMENT LIST

Equipment	Manufacturer	Model	Serial No.	Last Calibration Date	Next Calibration Date
Test Receiver	Rohde & Schwarz	ESCS 30	100388	26/8/2008	25/8/2009
Artificial Mains Network (LISN)	Schwarzbeck	NSLK 8127	8127312	02/12/2008	01/12/2009
Impulse Limiter	Rohde & Schwarz	ESH-3-Z2	--	30/03/2007	29/03/2009

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Date: 2008-12-22

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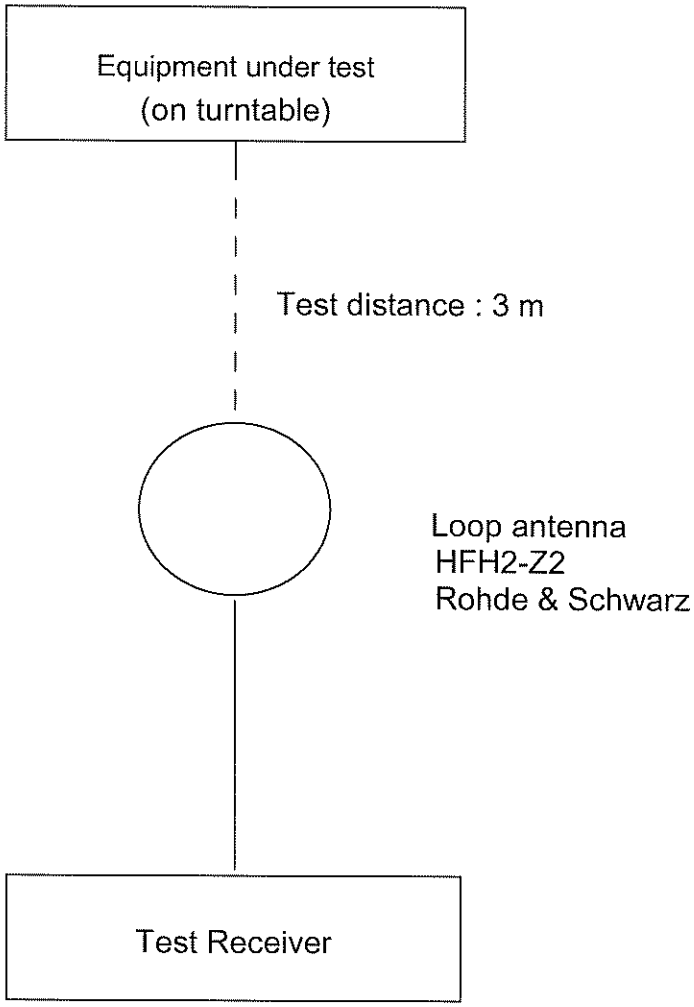
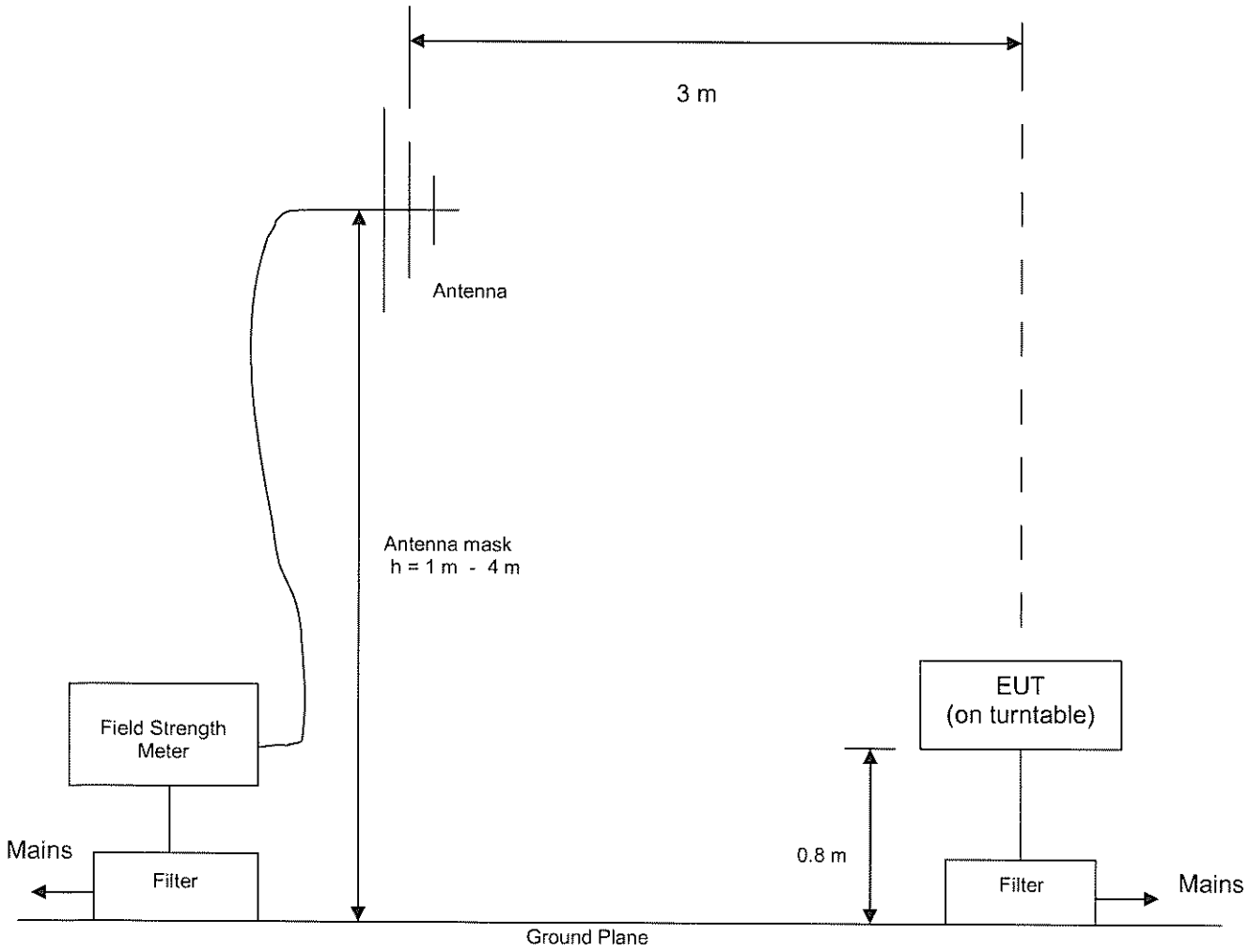
Radiated Emission Test Setup (3 m diatance) (9kHz - 30MHz)



Radiated Emission Test Setup (3 m diatance) (> 30MHz)



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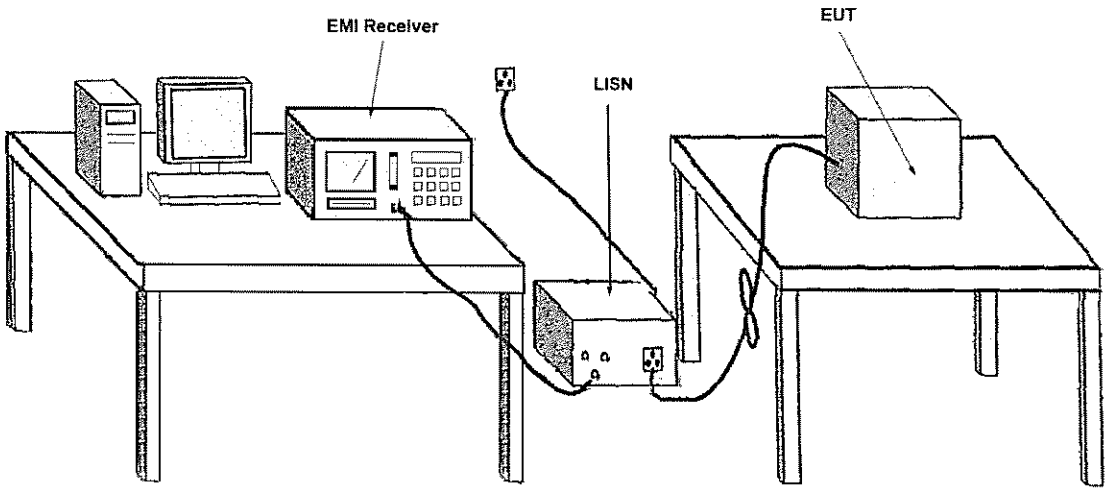
Conducted Emission Test Setup



1. The above measurement is made in a shielded room.
2. The EUT is placed on a wooden table (0.8 m high) which is located in front of an earth grounded conducting wall over 2 meters square.
3. The EUT is placed 40 cm from the earth grounded conducting wall and at least 80 cm from any other earthed conducting surface.
4. The flexible power cable of the EUT is plugged into the LISN for measurement.
5. The length of the power cable in excess of 80 cm separating the EUT from the LISN is folded back and forth so as to form a bundle not exceeding 30 to 40 cm in length.
6. The LISN ground is adequately bonded to the earth grounded conducting wall.

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Test Procedure

Radiated Emission :

According to Section 18.309, for products with operation frequency below 1.705 MHz, field strength measurements are conducted up to 30MHz. No field strength limits is specified in Section 18.305 for measurements below 30MHz.

In view of the above, since the test model is operated at 40 – 55 kHz, no field strength measurement is required.

Note : The Open Aera Test Site located at IECC was placed on file with the FCC Pursuant to Section 2.948 of the FCC Rules (FCC Registration No. : 97774).

Conducted Emission :

The EUT was tested according to FCC Measurement Procedure MP-5 for the requirements of FCC Part 18 Subpart C Section 18.307.

During the test, the sample was placed on a wooden table and operated with one or two fluorescent lamps (T8 59W) in turn with supply at rated AC voltage (i.e AC120V 60Hz) via the LISN. The table is 0.8 meter above the floor. The LISN was connected to the test receiver for conducted emission measurement (450kHz – 30MHz).The measurement was conducted after the fluorescent lamps were turned on for more than 30 minutes for warm up purpose.

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Test Results

Conducted Emission :

Test Requirement:	FCC Part 18 Subpart C Section 18.307
Test Method:	FCC Measurement Procedure MP-5
Frequency Range:	450kHz – 30MHz
Class:	Class B
Detector:	Quasi-Peak

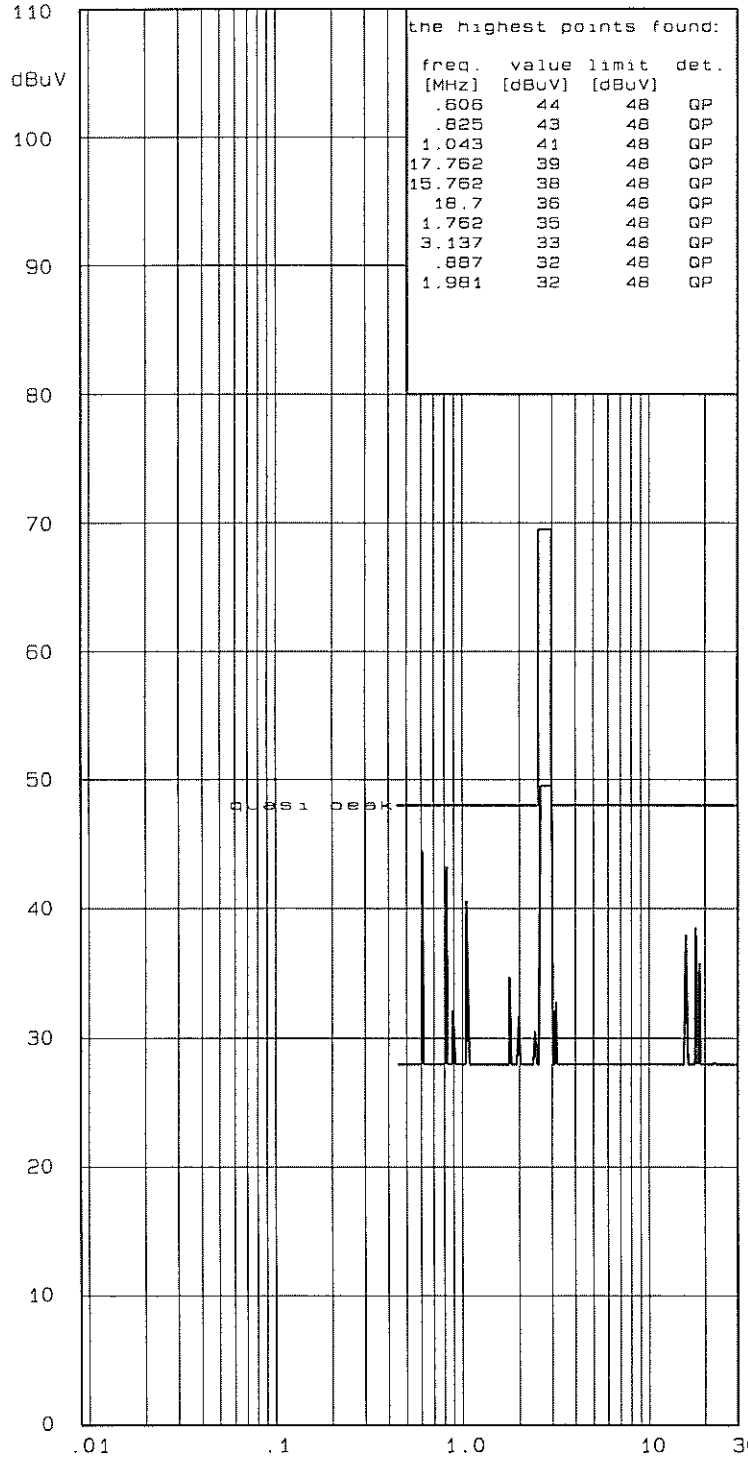
Refer to page 12 - 15 for measurement data.

ISM 1/2

Interference Voltage 450 KHz - 30 MHz

acc. FCC PART 18 Subpart C Section 18.307(c)

Cabin 1



the highest points found:

freq. [MHz]	value [dBuV]	limit [dBuV]	det.
.606	44	48	QP
.825	43	48	QP
1.043	41	48	QP
17.762	39	48	QP
15.762	38	48	QP
18.7	36	48	QP
1.762	35	48	QP
3.137	33	48	QP
.887	32	48	QP
1.981	32	48	QP

Model: YC-322519A-2

Spl./Ser.No.: 01/--

Client : YUCHENG ELECTRICAL

Product: ELECTRONIC BALLAST

IECC-No.: 51558

Date: 19 Dec 2008

Test equipment:

Rohde & Schwarz ESCS30

Schwarzbeck NSLK8127

Connected sets:

TEST W/ T8 59W*1
--
.

Operating mode:

LIGHT ON
(L)
--

RFI suppression parts:
--

* two dB safety margin for type approval necessary

Operator: KT

Result: ok

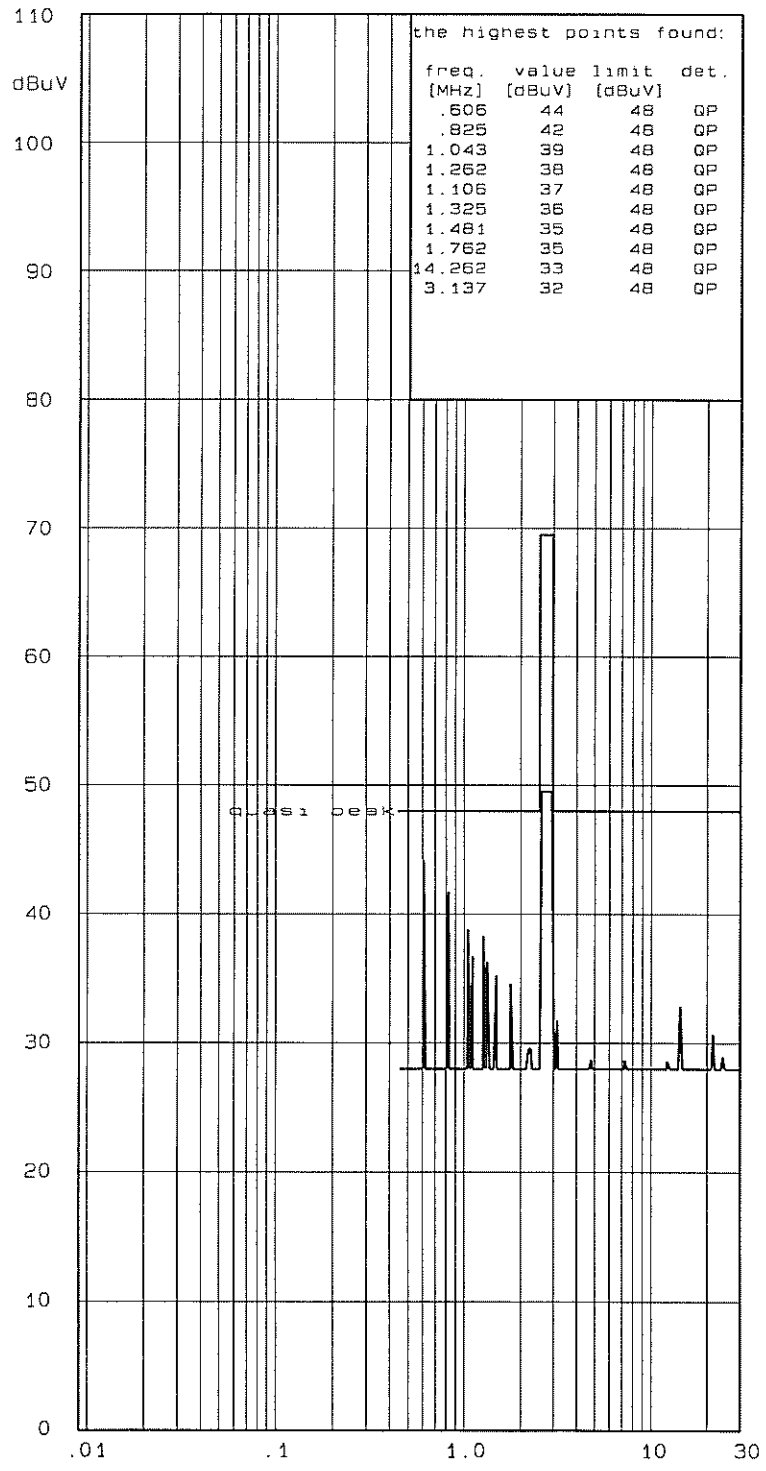
IECC

ISM 1/2

Interference Voltage 450 KHz - 30 MHz

acc. FCC PART 18 Subpart C Section 18.307(c)

Cabin 1



the highest points found:

freq. [MHz]	value [dBuV]	limit [dBuV]	det.
.606	44	48	QP
.825	42	48	QP
1.043	39	48	QP
1.262	38	48	QP
1.106	37	48	QP
1.325	36	48	QP
1.481	35	48	QP
1.762	35	48	QP
14.262	33	48	QP
3.137	32	48	QP

Model: YC-322519A-2

Spl./Ser.No.: 01/--

Client : YUCHENG ELECTRICAL

Product: ELECTRONIC BALLAST

IECC-No.: 51558

Date: 19 Dec 2008

Test equipment:

Rohde & Schwarz ESCS30

Schwarzbeck NSLK8127

Connected sets:

TEST W/ T8 59W*1
--
.

Operating mode:

LIGHT ON
(N)
--

RFI suppression parts:
--

* two dB safety margin for type approval necessary

Operator: KT

Result: ok

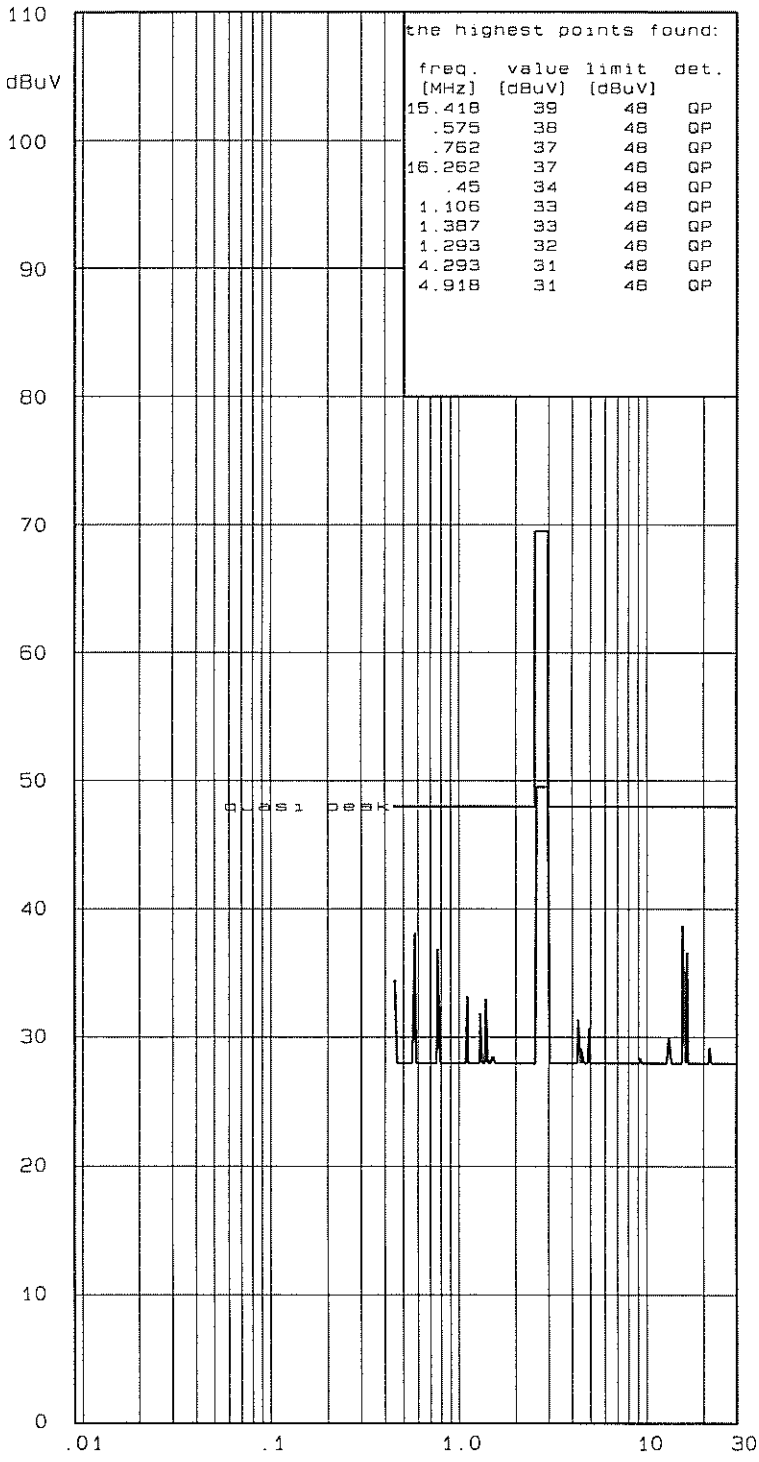
IECC

ISM 1/2

Interference Voltage 450 KHz - 30 MHz

acc. FCC PART 18 Subpart C Section 18.307(c)

Cabin 1



the highest points found:

freq. [MHz]	value [dBuV]	limit [dBuV]	det.
15.418	39	48	QP
.575	38	48	QP
.762	37	48	QP
16.262	37	48	QP
.45	34	48	QP
1.106	33	48	QP
1.387	33	48	QP
1.293	32	48	QP
4.293	31	48	QP
4.918	31	48	QP

Model: YC-322519A-2

Spl./Ser.No.: 01/--

Client : YUCHENG ELECTRICAL

Product: ELECTRONIC BALLAST

IECC-No.: 51558

Date: 19 Dec 2008

Test equipment:

Rohde & Schwarz ESCS30

Schwarzbeck NSLK8127

Connected sets:

TEST W/ T8 59W*2
--
.

Operating mode:

LIGHT ON
(L)
--

RFI suppression parts:
--

* two dB safety margin for type approval necessary

Operator: KT

Result:

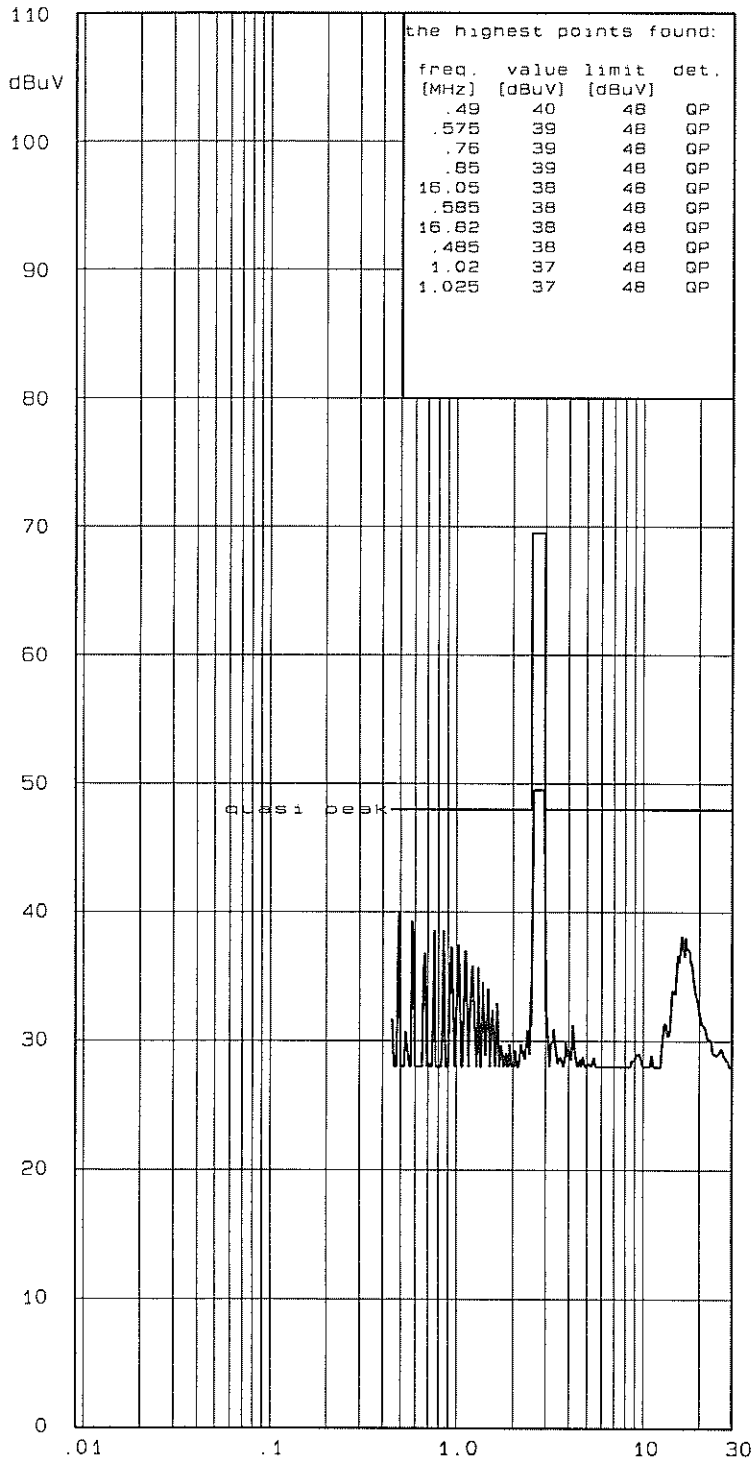
IECC

ISM 1/2

Interference Voltage 450 KHz - 30 MHz

acc. FCC PART 18 Subpart C Section 18.307(c)

Cabin 1



the highest points found:

freq. [MHz]	value [dBuV]	limit [dBuV]	det.
.49	40	48	QP
.575	39	48	QP
.76	39	48	QP
.85	39	48	QP
15.05	38	48	QP
.585	38	48	QP
16.82	38	48	QP
.485	38	48	QP
1.02	37	48	QP
1.025	37	48	QP

Model: YC-322519A-2

Spl./Ser.No.: 01/--

Client : YUCHENG ELECTRICAL

Product: ELECTRONIC BALLAST

IECC-No.: 51558

Date: 19 Dec 2008

Test equipment:

Rohde & Schwarz ESCS30

Schwarzbeck NSLK8127

Connected sets:

TEST W/ T8 59W*2
--
.

Operating mode:

LIGHT ON
(N)
--

RFI suppression parts:
--

* two dB safety margin for type approval necessary

Operator: KT

Result: ok

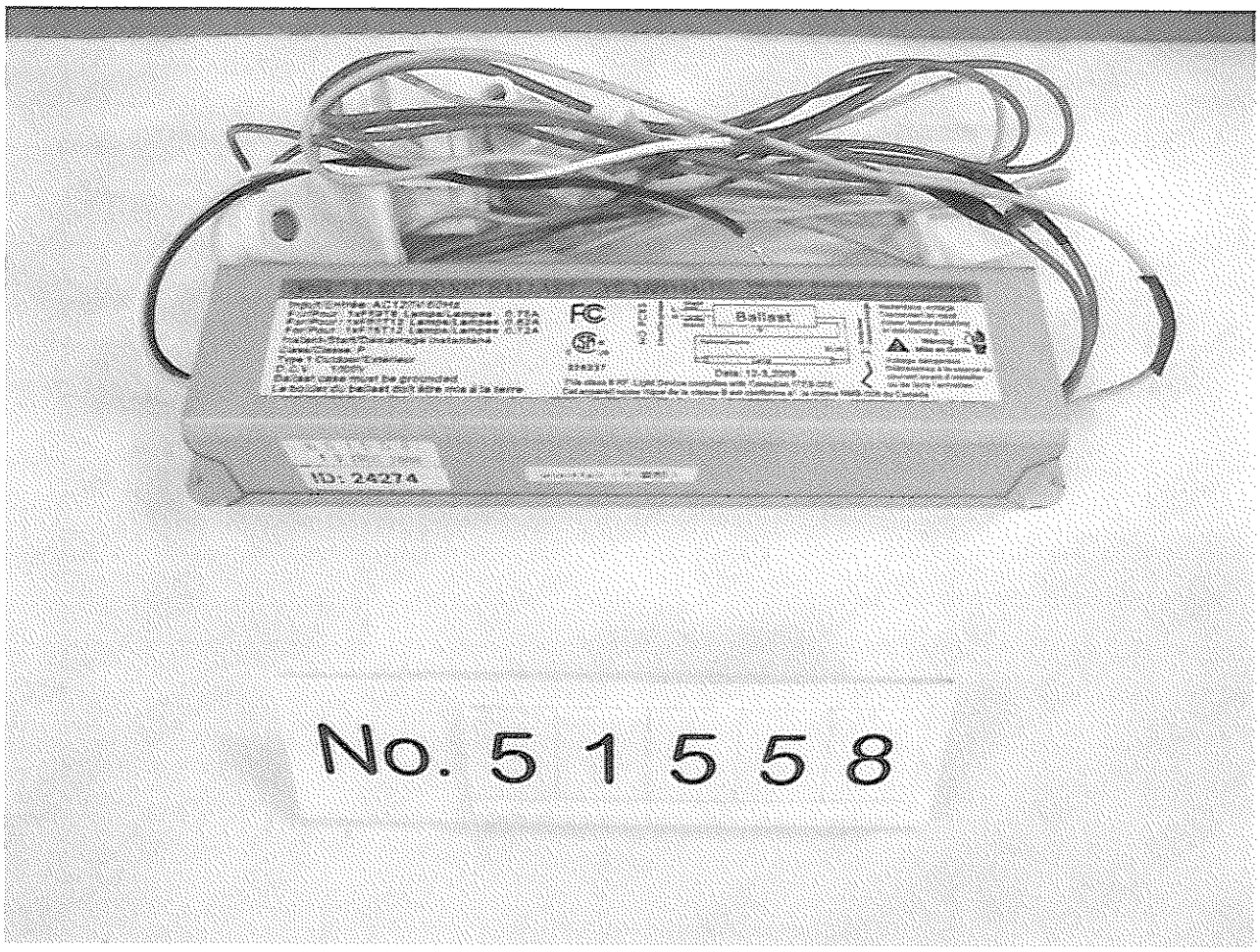
IECC

FCC – Test Report

Date: 2008-12-22

No. 51558

PHOTOGRAPH OF THE SAMPLE



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