

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 1 von 9
Page 1 of 9

Auftraggeber: Gree Electric Appliances Inc. of Zhuhai
Client:
Jinji West Road, Qianshan,
Zhuhai, Guangdong 519070
P. R. China

Gegenstand der Prüfung: Dehumidifier
Test item:

Bezeichnung: CF0.5M, CF0.5E, CF0.8M, CF0.8E **Serien-Nr.:** Pre-production Model
Identification: *Serial No.:*

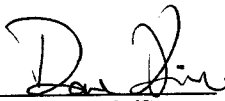
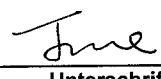
Wareneingangs-Nr.: 73008579 **Eingangsdatum:** 24.07.2003
Receipt No.: *Date of receipt:*

Prüfart: Refer to section 2.1
Testing location:

Prüfgrundlage: EN 55014-1:2000+A1+A2
Test specification:
EN 55014-2:1997+A1
EN 61000-3-2:2000
EN 61000-3-3:1995+A1

Prüfergebnis: Der vorstehend beschriebene Prüfgegenstand wurde geprüft und entspricht oben genannter Prüfgrundlage.
Test Result: *The a. m. test item passed.*

Prüflaboratorium/ Testing Laboratory: TÜV Rheinland (Guangdong) Ltd
zusammengestellt/ compiled by: **kontrolliert/ checked by:**

09.09.2003	Dave Xie		10.09.2003	Jane Tang	
<i>Datum</i>	<i>Name</i>	<i>Unterschrift</i>	<i>Datum</i>	<i>Name</i>	<i>Unterschrift</i>
<i>Date</i>	<i>Name</i>	<i>Signature</i>	<i>Date</i>	<i>Name</i>	<i>Signature</i>

Sonstiges/ Other Aspects:

Abkürzungen: ok / P = entspricht Prüfgrundlage
fail / F = entspricht nicht Prüfgrundlage
n.a. / N = nicht anwendbar

Abbreviations: ok / P = passed
fail / F = failed
n.a. / N = not applicable

Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.

This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 2 von 9
Page 2 of 9

TEST SUMMARY

4.1.1 DISCONTINUOUS INTERFERENCE ON AC MAINS

RESULT: ok

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 3 von 9
Page 3 of 9

Contents

1.	GENERAL REMARKS.....	4
1.1	COMPLEMENTARY MATERIALS.....	4
2.	TEST SITES.....	4
2.1	TEST FACILITIES.....	4
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	5
3.	REPLACEMENT OF STANDARD.....	5
4.	NECESSARY TESTS.....	6
4.1	TEST RESULTS EMISSION.....	6
4.1.1	Discontinuous Interference on AC Mains.....	6
5.	PHOTOGRAPHS OF THE TEST SET-UP.....	8
6.	LIST OF TABLES.....	9
7.	LIST OF PHOTOGRAPHS.....	9

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 4 von 9
Page 4 of 9

1. General Remarks

When applying the basic standard in this test report, the latest amendment is always included.

1.1 Complementary Materials

No appendix

2. Test Sites

2.1 Test Facilities

- 1) Gree Electric Appliances, Inc. of Zhuhai
Electro Magnetic Compatibility Lab.of GTL
Jinji West Rd. Qianshan
Zhuhai
P.R. China

The tests at these test sites have been conducted under the supervision of a TÜV Rheinland engineer.

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 5 von 9
Page 5 of 9

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Clicks Analyzer	Schaffner	DIA1512C	5220	04.08.2004
L.I.S.N.	Schaffner	NSLK8126	371	21.08.2004

3. Replacement of Standard

Standard EN 55014-1:1993+A1+A2 is replaced by EN 55014-1:2000+A1+A2
Standard EN 55014-2:1997 is replaced by EN 55014-2:1997+A1
Standard EN 61000-3-2:1995+A1+A2+A14 is replaced by EN 61000-3-2:2000
Standard EN 61000-3-3:1995 is replaced by EN 61000-3-3:1995+A1

For the submitted appliances, click test is needed because of the standard update.

According to client's requirement, alternative thermostats ALD112 and G5N1A were cancelled, the click test was performed on CF0.8M with thermostats JZC-7FF-012-1ZT and CF0.8E with JZC-33F-012-HSL.

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 6 von 9
Page 6 of 9

4. Necessary Tests

4.1 Test Results EMISSION

4.1.1 Discontinuous Interference on AC Mains

RESULT:

ok

Date of testing : 06.09.2003
Test procedure : EN 55014-1:2000+A1+A2, clause 4.2
Frequency range : 0.15 - 30MHz
Kind of test site : shielded room
Limits : EN 55014-1:2000+A1+A2, Clause 4.1.1

Test Setup

Input Voltage : AC 230V, 50Hz
Operation Mode : Dry
Artificial Hand : Not applied
Earthing : Applied
Temperature : 26°C
Humidity : 65%

Measurement is on next page:

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 7 von 9
Page 7 of 9

Table 2: Click Test Record on CF0.8M equipped with thermostat JZC-7FF-012-1ZT.

Frequency:	150kHz	500kHz	1.4MHz	30MHz
First Round				
Limit [dB]:	66	56	56	60
Short click n1 ([10ms):	1	1	0	0
Long click n2 (10ms~200ms):	0	0	0	0
Total click n=(n1+n2):	1	1	0	0
Continues disturbance(>200ms)	0	0	0	0
Switching operations	---			
f factor	1			
Min. observation time T [min.]:	120			
Click rate $N = f\%n/T$:	0.01	0.01	0.01	0.01
Click limit L_q [dB]:	--	--	--	--
Allowable click $=n/4$:	0	0	0	0
Result	ok			

Table 3: Click Test Record on CF0.8E equipped with thermostat JZC-33F-012-HSL.

Frequency:	150kHz	500kHz	1.4MHz	30MHz
First Round				
Limit [dB]:	66	56	56	60
Short click n1 ([10ms):	1	1	0	0
Long click n2 (10ms~200ms):	0	0	0	0
Total click n=(n1+n2):	1	1	0	0
Continues disturbance(>200ms)	0	0	0	0
Switching operations	---			
f factor	1			
Min. observation time T [min.]:	120			
Click rate $N = f\%n/T$:	0.01	0.01	0.01	0.01
Click limit L_q [dB]:	--	--	--	--
Allowable click $=n/4$:	0	0	0	0
Result	ok			

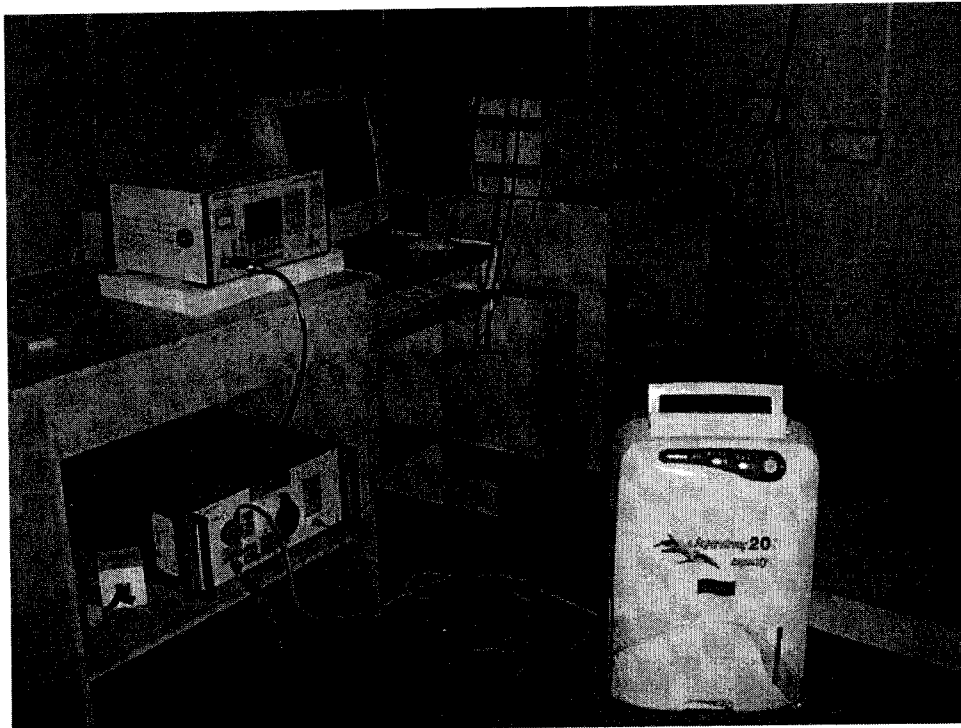
During the test, the duration of click interference is less than 10ms and the click rate is less than 5. According to EN 55014-1:2000+A1+A2, clause 4.2.3.3, these appliances fulfill the requirements without further testing

Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 8 von 9
Page 8 of 9

5. Photographs of the Test Set-Up

Photograph 1: Set-up for Discontinuous Interference on AC Mains



Prüfbericht - Nr.: 02030069 004
Test Report No.:

Seite 9 von 9
Page 9 of 9

6. List of Tables

Table 1: List of Test and Measurement Equipment.....	5
Table 2: Click Test Record on CF0.8M equipped with thermostat JZC-7FF-012-1ZT.....	7
Table 3: Click Test Record on CF0.8E equipped with thermostat JZC-33F-012-HSL.....	7

7. List of Photographs

Photograph 1: Set-up for Discontinuous Interference on AC Mains	8
---	---