


Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant  mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

Applicant Name & Address:	Hisense Ronshen (Guangdong) Refrigerator Co., Ltd. No.8 Ronggang Road, Ronggui, Shunde, Foshan, Guangdong, P. R. China
Product Description:	Frost free freezer
Ratings & Principle Characteristics:	Refer to Annex to Test Verification of Conformity
Models:	Refer to Annex to Test Verification of Conformity
Brand Name:	--
Relevant Standards/ Specifications/Directives:	EN 55014-1: 2006+A1: 2009+A2: 2011/ Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission EN 61000-3-2: 2006+ A1:2009+ A2:2009/ Electromagnetic compatibility (EMC)– Part 3-2: Limits –Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) EN 61000-3-3: 2013/ Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation 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 EN 55014-2: 1997+A1: 2001+A2: 2008/ Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard
Verification Issuing Office:	EMC Directive 2004/108/EC Same as Legal Entity
Date of Tests:	08 December 2014 to 12 December 2014
Test Report Number(s):	GZ09061617-1R8
Note 1: This verification is part of the full test report(s) and should be read in conjunction with them.	
Note 2: This verification supersedes previous verification with report number(s) GZ09061617-1R7 dated 11 September 2014.	

Signature: _____

Name:

Jack Dai

Position:

Sr. Project Engineer

Date:

19 December 2014

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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Report Number(s): GZ09061617-1R8. The issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No, 7-2 Guang Dong Software Science Park, Caipin Road Guangzhou Science City, GETDD Guangzhou).

Model(s):	RS-20WC4SA, RS-20WC4SA1, RS-20WC4SY1, RS-24WC4SA, RS-24WC4SA1, RS-24WC4SY1, FV202N4AW2, RS-20WC4S2, FV244N4AW2, RS-24WC4S2, RS-20WC4SY, RS-24WC4SY
Ratings and principal characteristics:	220-240V~, 50Hz, class I, R600a, defrosting power: 220W; 0,45A for RS-24WC4SA1 (When with compressor ZBX1112CY); 0,6A for RS-24WC4SA1 (When with compressor PZ75H1X); 0,6A for all the other models N, ST: for model RS-24WC4SA, RS-20WC4SA, RS-20WC4SA1, RS-20WC4SY1 (When with compressor ETH55), RS-24WC4SA1 (When with compressor ZBX1112CY) ; N, ST, T: for model RS-24WC4SY1, RS-24WC4SY, RS-20WC4S2, FV202N4AW2, FV244N4AW2, RS-24WC4S2, RS-20WC4SY, RS-20WC4SY1 (When with compressor PZ59E1Z or PZ59E1C), RS-24WC4SA1 (When with compressor PZ75H1X)

Note 1: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

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Note 2: This annex to verification supersedes previous annex to verification with report number(s) GZ09061617-1R7 dated 11 September 2014.



Signature

Name: Jack Dai

Position: Sr. Project Engineer

Date: 19 December 2014

TEST REPORT

Applicant Name & Address : Hisense Ronshen (Guangdong) Refrigerator Co., Ltd.
No.8 Ronggang Road, Ronggui, Shunde, Foshan, Guangdong, P. R. China
Manufacturing Site : Hisense Ronshen (Guangdong) Refrigerator Co., Ltd.
No.8 Ronggang Road, Ronggui, Shunde, Foshan, Guangdong, P. R. China.

Sample Description
Product : Frost free freezer
Model No. : Refer to page 3
Electrical Rating : Refer to page 3

Test standards : EN 55014-1: 2006+A1:2009+A2: 2011
EN 61000-3-2: 2006+ A1:2009+ A2:2009
EN 61000-3-3: 2013
EN 55014-2: 1997+A1: 2001+A2: 2008

Test Result : Pass


Conclusion : The submitted samples complied with the above EMC standards.

Remark : Based on previous test report GZ09061617-1R7 dated 11 September 2014.
*****End of Page*****

Prepared and Checked By:

Approved By:


Paul Pang
Engineer
Intertek Guangzhou

 Signature
Jack Dai
Sr. Project Engineer
Intertek Guangzhou
19 December 2014 Date

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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD Guangzhou, China
Tel / Fax: 86-20-8213 9688/86-20-3205 7538

**TEST REPORT
(with Justification)**

Test result:

It is found that the Frost free freezer, models: Refer to page 3 met the requirements of 2004/108/EC directive and EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3 standards.

Report revision reason:

This report is the revision of the previous test report GZ09061617-1R7 dated 11 September 2014 and shall be used together with it.

This report was issued because of the following change:

1. Adding two new models RS-20WC4SY and RS-24WC4SY.

Model RS-20WC4SY is the same as RS-20WC4SY1, except the model name and energy efficiency ratio.

Model RS-24WC4SY is the same as RS-24WC4SY1, except the model name and energy efficiency ratio.

Based on above change and engineering judgement, no additional tests are needed.

All models differences are as below:

Mechanical type	Electric type	Difference	Difference
RS-24WC4SA, RS-24WC4SA1	RS-24WC4SY1, FV244N4AW2, RS-24WC4S2, RS-24WC4SY	Same in structure except electric or mechanical control means. With or without the last number “1” or “2” means different energy efficiency.	Same in construction, except for volume of storage compartment.
RS-20WC4SA, RS-20WC4SA1	RS-20WC4SY1, FV202N4AW2, RS-20WC4S2, RS-20WC4SY	Same in structure except electric or mechanical control means. With or without the last number “1” or “2” means different energy efficiency	

Model list and rating characteristics:

Model(s):	RS-20WC4SA, RS-20WC4SA1, RS-20WC4SY1, RS-24WC4SA, RS-24WC4SA1, RS-24WC4SY1, FV202N4AW2, RS-20WC4S2, FV244N4AW2, RS-24WC4S2, RS-20WC4SY, RS-24WC4SY
Ratings and principal characteristics:	<p>220-240V~, 50Hz, class I, R600a, defrosting power: 220W; 0,45A for RS-24WC4SA1 (When with compressor ZBX1112CY); 0,6A for RS-24WC4SA1 (When with compressor PZ75H1X); 0,6A for all the other models</p> <p>N, ST: for model RS-24WC4SA, RS-20WC4SA, RS-20WC4SA1, RS-20WC4SY1 (When with compressor ETH55), RS-24WC4SA1 (When with compressor ZBX1112CY) ;</p> <p>N, ST, T: for model RS-24WC4SY1, RS-24WC4SY, RS-20WC4S2, FV202N4AW2, FV244N4AW2, RS-24WC4S2, RS-20WC4SY, RS-20WC4SY1 (When with compressor PZ59E1Z or PZ59E1C), RS-24WC4SA1 (When with compressor PZ75H1X)</p>

Models and compressors:

Model	Compressor	Rated current (A)	Climatic class
RS-20WC4SA	LZ76CY, NU1112Y, JK1080Y, ETH55	0,6	N, ST
RS-20WC4SA1	LZ76CY, NU1112Y, JK1080Y, ETH55, ZBX1112CY, PZ59E1Z	0,6	N, ST
RS-20WC4SY1	ETH55	0,6	N, ST
	PZ59E1Z, PZ59E1C	0,6	N, ST, T
RS-20WC4SY	PZ59E1C	0,6	N, ST, T
RS-24WC4SA	LZ76CY, NU1112Y, JK1080Y, ETH55	0,6	N, ST
RS-24WC4SA1	ZBX1112CY	0,45	N, ST
	PZ75H1X	0,6	N, ST, T
RS-24WC4SY1	NB1112Y, PZ75H1X, PZ80E1A	0,6	N, ST, T
RS-24WC4SY	PZ80E1A	0,6	N, ST, T
FV202N4AW2, RS-20WC4S2	HYE60MDU	0,6	N, ST, T
FV244N4AW2, RS-24WC4S2	HYE60MDU	0,6	N, ST, T

*****End of report*****