

Test Report

PRODUCT:	Air Condition
MODEL:	GWC30AVEXF-S6DNA1A (KS-IW30-GPAI13P1M32)
CLIENT:	Gree Electric Appliances Inc. of Zhuhai
MANUFACTURER:	Gree Electric Appliances Inc. of Zhuhai
TEST TYPE:	Consignment test

Testing Center of Gree Electric Appliances, Inc. of Zhuhai

DECLARATION

- 1、 The report is invalid in case of no special seal for test report or no official seal of the test unit.
- 2、 The report is invalid in case of no signatures of preparing person, reviewer and approver.
- 3、 The report is invalid in case of sign of erasure.
- 4、 If any objections to this test report occur, please submit to the test unit within 15 days upon receipt of this report.
- 5、 Generally,the test unit only bears responsibility for the received samples in case of commissioned test.
- 6、 The laboratory is responsible for the test results. This test report shall not be duplicated without prior written approval of the laboratory.
- 7、 In the test result, “P” means Passed, “F” means Failed, “R” means that the rest result is only for reference, “N” means that the standard or requirements are not applicable to the product, “-” means this test item is not supported, and “ / ” means that the test item is not tested.

Testing Center of Gree Electric Appliances, Inc. of Zhuhai

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Testing Center of Gree Electric Appliances, Inc. of Zhuhai

Test Report

Sample Name	Air Condition	Model	GWC30AVEXF-S6DNA1A (KS-IW30-GPAI13P1M32)
		Brand	GREE
Client	Gree Electric Appliances, Inc. of Zhuhai	Address	No.789 Jinji West Rd., Qianshan, Zhuhai, P.R.China
Manufacturer	Gree Electric Appliances, Inc. of Zhuhai	Address	No.789 Jinji West Rd., Qianshan, Zhuhai, P.R.China
Sample Quantity	1	Test Type	Consignment test
Application Number	68-SZEMCGX250012.03-2025 04-001	Sending Date	2025-06-27
Sample Number	P524099004 P524100003		
Test Date	2025-06-25~2025-06-26		
Test Reference	CISPR 14-2:2020 Electromagnetic compatibility – Requirements for household appliances, Part 2: Immunity – Product family standard		
Test Items	Electrostatic Discharge (ESD), Electrical Fast Transient/Burst (EFT), Surge, Immunity to conducted Disturbances, induced by RF fields, Voltage Dips and Short interruptions		
Test Conclusions	After test, the inspected items meet the requirements of the test basis regulations. The test data can be found on the test results page. Stamp: Issuing Date: 2025-06-27		
备注	In the result determination, “N” indicates not applicable or the test is not conducted, “P” indicates pass, and “F” indicates fail. Others: “-” indicates not applicable, “/” indicates not involved.		

Prepared by:

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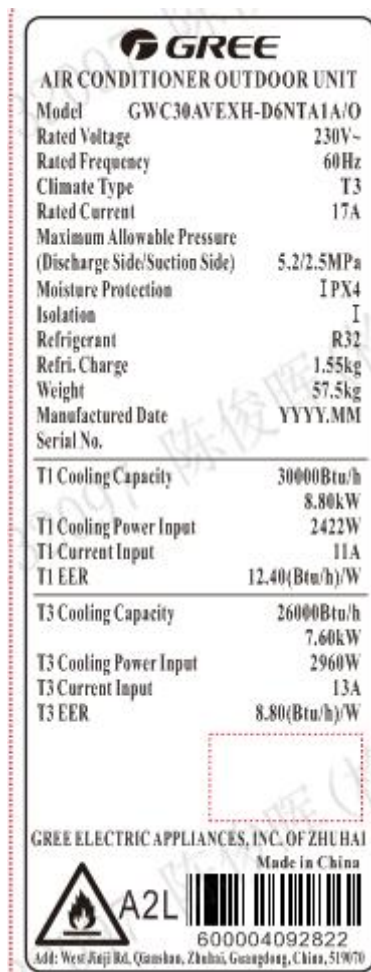
唐晓峰

Sample Description and Description

Voltage (V)	230V	Frequency (Hz)	60Hz
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Sample Appearance Photos

1、Sample nameplate:



2、Sample photos:



Test Results

Test Item	standard	provision	Conclusion
Electrostatic Discharge (ESD)	CISPR 14-2:2020	5.1	P
Electrical Fast Transient/Burst (EFT)		5.2	P
Immunity to conducted Disturbances , induced by RF fields,		5.3	P
Surge		5.6	P
Voltage Dips and Short interruptions		5.7	P

1. EFT

Test standard: CISPR14-2:2020

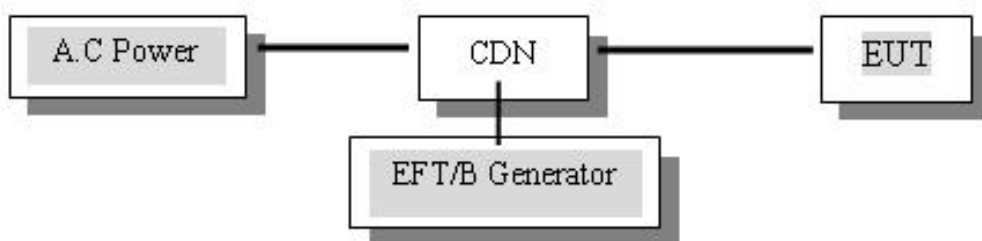
Ambient temperature: 25.5°C

Relative humidity: 51.0%

Working mode: Cool

Judgment level: B

Test layout::



Test result:

Test position	V (kV)	T (s)	coupled modes	Result
L	±4	120	CDN	A
N	±4	120	CDN	A
PE	±4	120	CDN	A
L+ N+PE	±4	120	CDN	A
connecting line	±4	120	Clamp	A
Other instructions: the test process is as common.				

2. ESD

Test standard: CISPR14-2:2020

Ambient temperature: 25.5°C

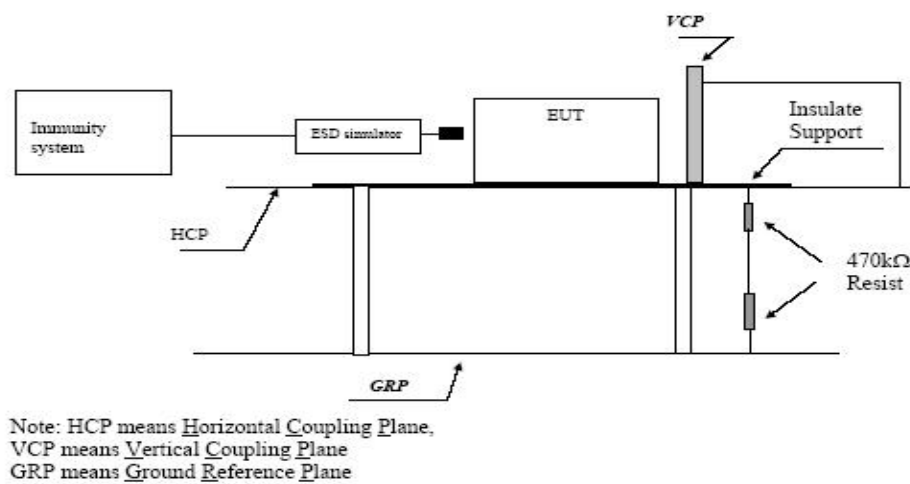
Atmospheric pressure: 101.0kpa

Relative humidity: 51.0%

Working mode: Cool

Judgment level: B

Test layout:.



Test result:

Discharge position	Discharge type	Level	Number of discharge	Result
grid	Air	±10KV	10	A
bolt	Touch	±6KV	10	A
VCP	Touch	±6KV	10	A
HCP	Touch	±6KV	10	A
Other instructions: HCP -horizontal coupling plate VCP -vertical coupling plate The test process is as common.				

3. Surge

Test standard: CISPR14-2:2020

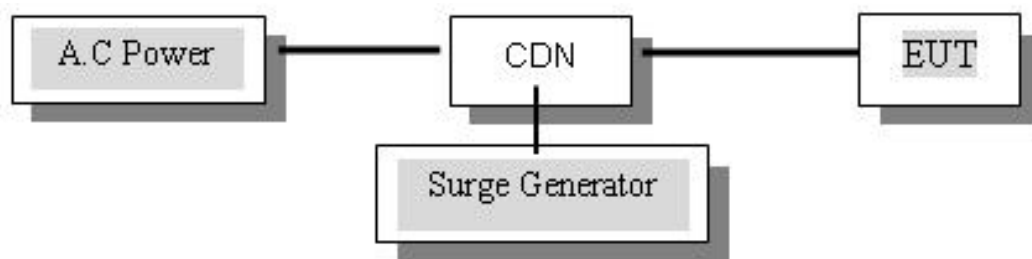
Ambient temperature: 25.5°C

Relative humidity: 51.0%

Working mode: Cool

Judgment level: B

Test layout:.



Test result:

Site	Polar	Angle	Test number	Pulse voltage (kV)	Result
L—N	+	90°	5	1	A
	-	270°	5	1	A
L—PE	+	90°	5	2	A
	-	270°	5	2	A
N—PE	+	90°	5	2	A
	-	270°	5	2	A
L—N	+	90°	5	3	A
	-	270°	5	3	A
L—PE	+	90°	5	4	A
	-	270°	5	4	A
N—PE	+	90°	5	4	A
	-	270°	5	4	A
Remark: The EUT worked normally during the test, no degradation of function occurred.					

4. CS

Test standard: CISPR14-2:2020

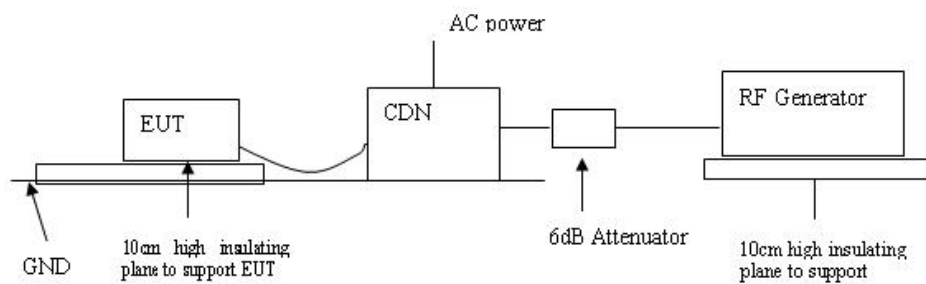
Ambient temperature: 25.5°C

Relative humidity: 51.0%

Working mode: Cool

Judgment level: B

Test layout::



Test result:

Frequency range	Coupling position	Voltage	Coupled modes	Result
0.15MHz~230M Hz	power-line	3V	CDN	A
0.15MHz~230M Hz	connection line	1V	EM-Clamp	A
Other instructions: The test process is as common.				

5. DIP

Test standard: CISPR14-2:2020

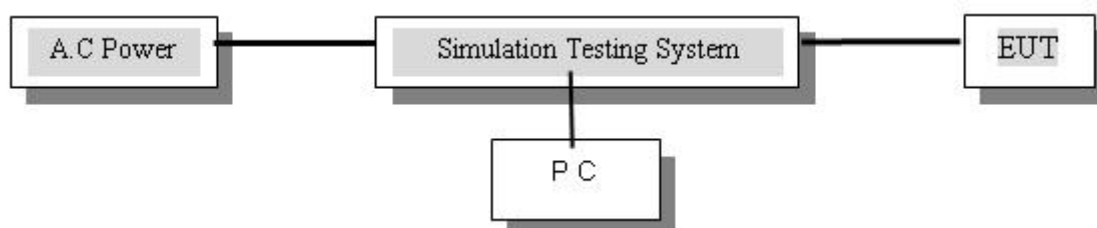
Ambient temperature: 25.5°C

Relative humidity: 51.0%

Working mode: Cool

Judgment level: B

Test layout:.



Test result:

Severity Level		Test Level	Duration	Intervals	Phase Angle	Number of Test	Result
Short Interruption 100%		0%U _T	0.5P	3min	0°	3	A
					180°	3	A
Voltage Dips	60%	40%U _T	10P	3min	0°	3	B
					180°	3	B
	30%	70%U _T	25P	3min	0°	3	B
					180°	3	B
Remark: 1, U _T : Nominal Voltage of EUT. 2, During the test of 40%U _T , 70%U _T the EUT stopped, but it could recover the primal status. No degradation of function occurred.							

Attached Table: Equipment List

Instrument name	Manufacture factory	Model	Serial number	Calibration due date
Electrostatic Discharge Simulator	EMC-PARTNER	NSG438	1198	2025/11/04
Voltage drop simulator	EMC-PARTNER	IMU4000 D-V/PFS75/SRC 75-18uH	106754-2030/P FS75-1503/SR C75-18uH-150 3	2025/11/14
CDN	EMC-PARTNER	UCS500-N7	V1208111997	2026/05/07
RF generator	TESEQ	NSG4070C-80	54282	2026/01/15
Coupling/Decoupling Network	TESEQ	CDN M332	54146	2026/01/15
EFT/ Surge Generator	emtest	UCS500-N7	V1208111997	2026/05/07
Coupling/ go coupling network	emtest	TSURGE	V1208111998	2026/05/07
Empty box barometer	上海仪表科技	DYM-3	33372	2025/09/01
Thermometer and hygrometer	明高	TH101	GR20200603	2025/12/19

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