



Test Report

Sample Name	:	LED Street light
Sample Model	:	AOK-100WiLE--NV-XX-XX-XXYY-BN-P
Inspection Classification	:	Commission test
Manufacturer	:	AOK Industrial Company Limited
Client	:	AOK Industrial Company Limited



Shenzhen LCS Compliance Testing Laboratory Ltd.

TRF-4-K-002 A/0



Shenzhen LCS Compliance Testing Laboratory Ltd.
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Test Report

Client : AOK Industrial Company Limited

Address : 1/F of 1#Building, East Block of 3/F of Building 1,And 2/F of Building 4, ST George' s Science and Technology Industrial Park, Northside of Xinyu Road,Xiangshan Community, Xinqiao Street Baoan District,518000 Shenzhen, Guangdong, CHINA

Manufacturer : AOK Industrial Company Limited

Address : 1/F of 1#Building, East Block of 3/F of Building 1,And 2/F of Building 4, ST George' s Science and Technology Industrial Park, Northside of Xinyu Road,Xiangshan Community, Xinqiao Street Baoan District,518000 Shenzhen, Guangdong, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client:

Sample Name : LED Street light

Sample Model : AOK-100WiLE--NV-XX-XX-XXYY-BN-P

Sample Quantity : 1 PC

Sample tested Status : Normal

Sample received Date : Oct. 28, 2024

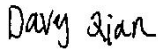

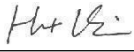
Sample tested Date : Oct. 29, 2024

Test result information:

Test item : 3G Vibration test

Test standard : ANSI C136.31-2023

Test result : Pass

					
Edited by	Davy.Qian	Checked by	Kings.Su	Approved by	Hart.Qiu
	Oct. 30, 2024		Oct. 30, 2024		Oct. 30, 2024

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Test Report

Test Item: 3G Vibration test

1) Environment conditions:

Temperature: 24.5°C Humidity: 55%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
A241028140-002	LED Street light	AOK-100WiLE--NV-XX-XX-XXYY-BN-P	1 PC	Normal

3) Reference Basis: ANSI C136.31-2023

4) Test Condition:

1. Secure to the console and secure;
2. Swept Vibration:
 - a) Frequency(Hz): 2-30;
 - b) Acceleration(G): 0.2;
 - c) Swept rate: 1 oct/min;
 - d) Test axial: X axis, Y axis, Z axis.
3. Fixed Vibration:
 - a) Frequency(Hz):Z-21.96Hz,Y-25.73Hz, X22.13Hz;
 - b) Acceleration(G): 3;
 - c) Test cycle(Times): 100000;
4. Sample test condition: Non-Operation;
5. Judgement requirements: After the test,The appearance structure of the sample should be free from damage and the function should be normal.

5) Test Equipment:

Sequence	Equipment Name	Equipment No.	Valid Date to
1	Vibration tester	LCS-S-558	Jul. 18, 2025
2	Vibration tester	LCS-S-532	Apr.14, 2025

6) Test Results:

Sample No.	Test Result	Judgment
A241028140-002	After the test, The appearance structure of the sample is not damaged and the function is normal.	Pass

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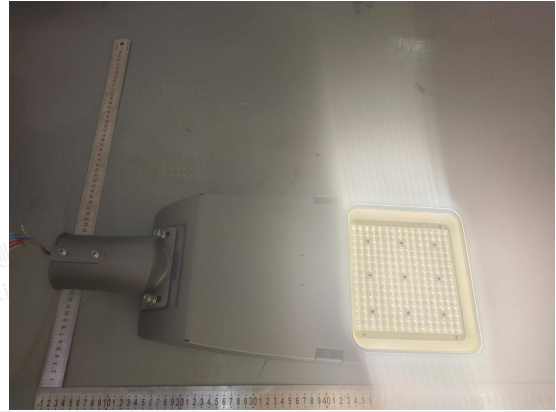


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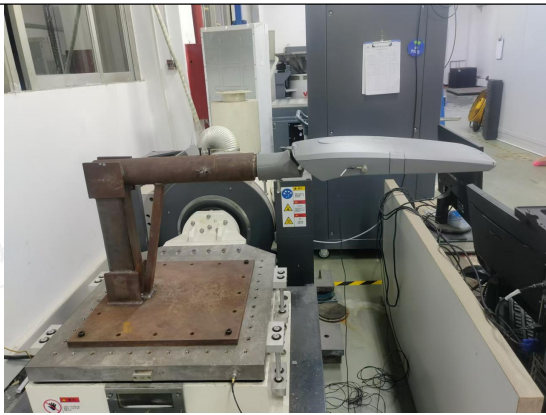


Test Report

Sample Photo before the Test:



Sample Photo during the Test:



X axis Swept



X axis Fixed



Y axis Swept



Y axis Fixed

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Test Report

Sample Photo during the Test:



Z axis Swept



Z axis Fixed

Sample Photo after the Test:



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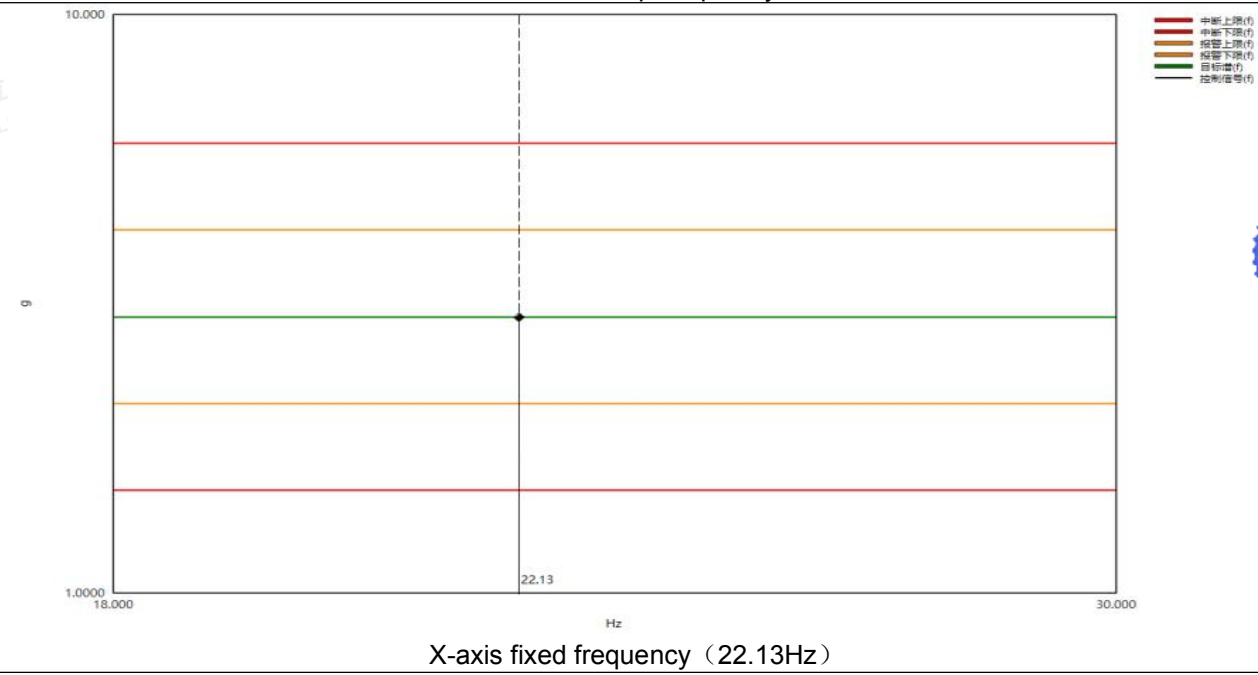
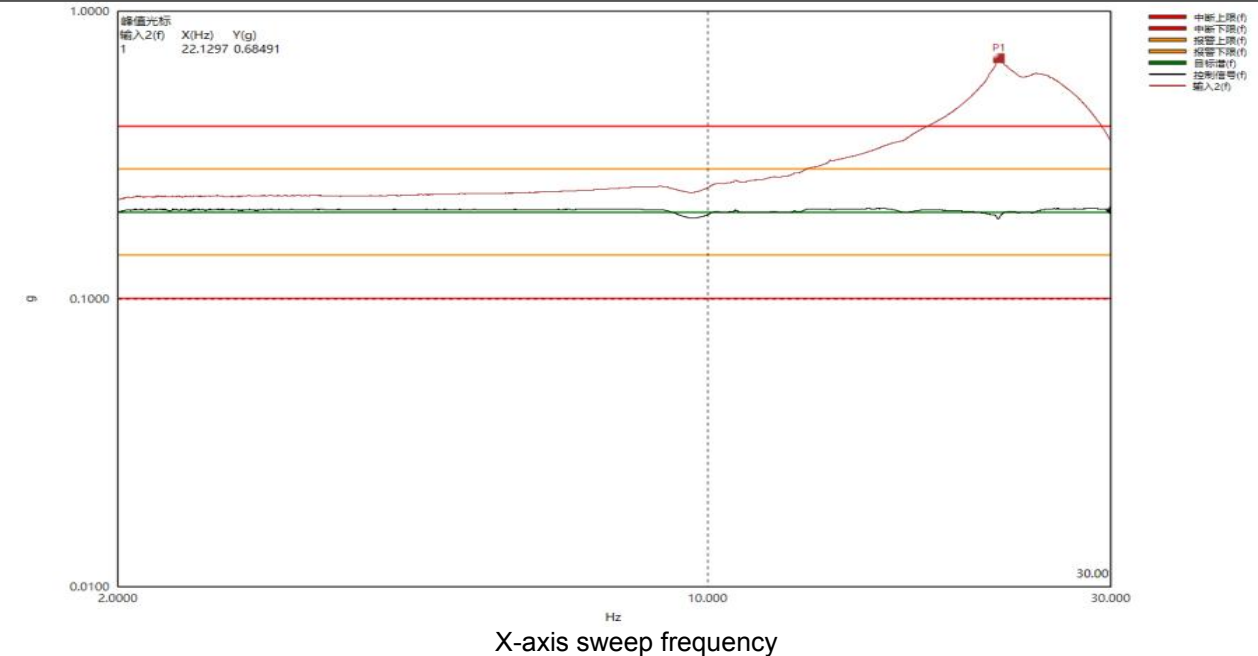


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Test Report

Test curve:



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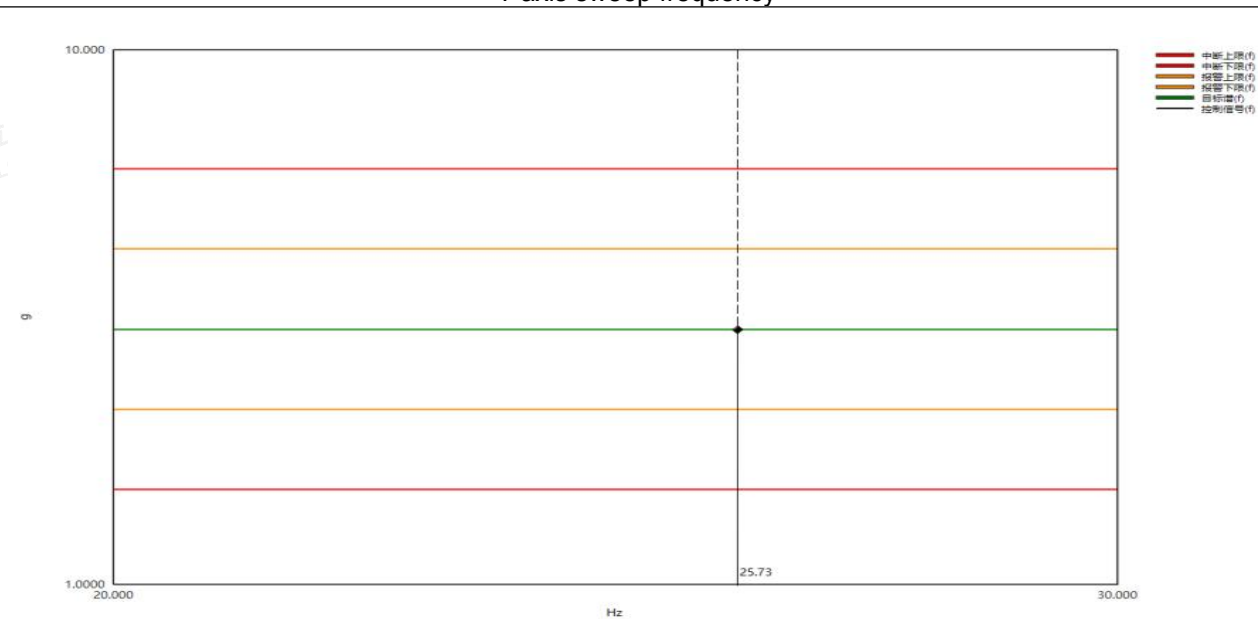
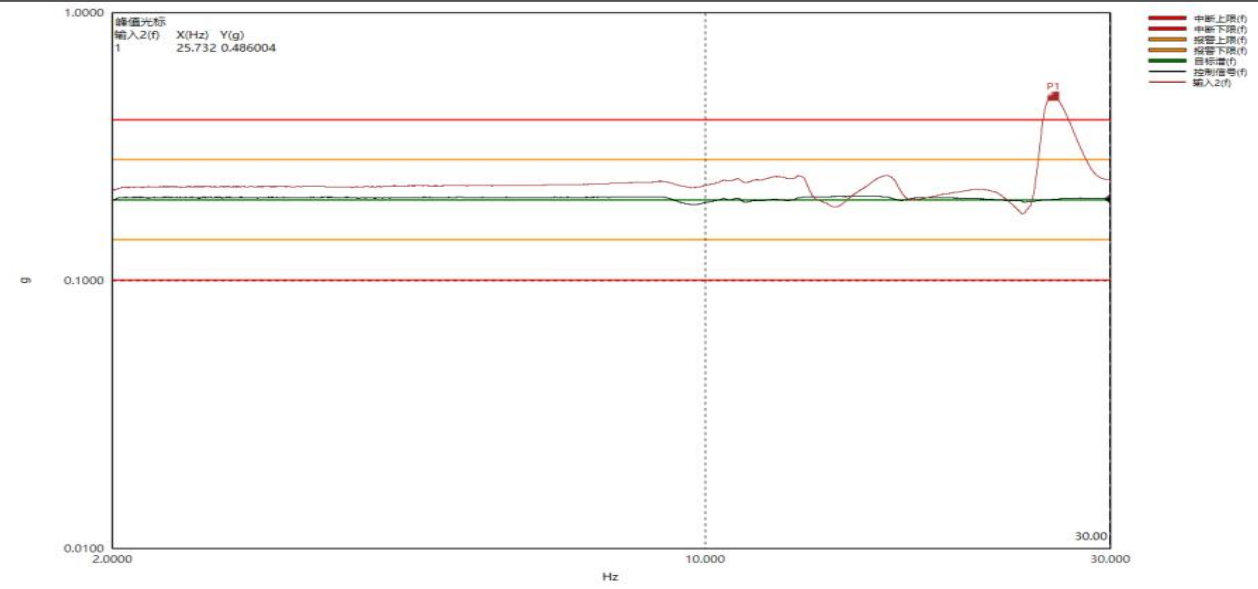
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Test Report

Test curve:



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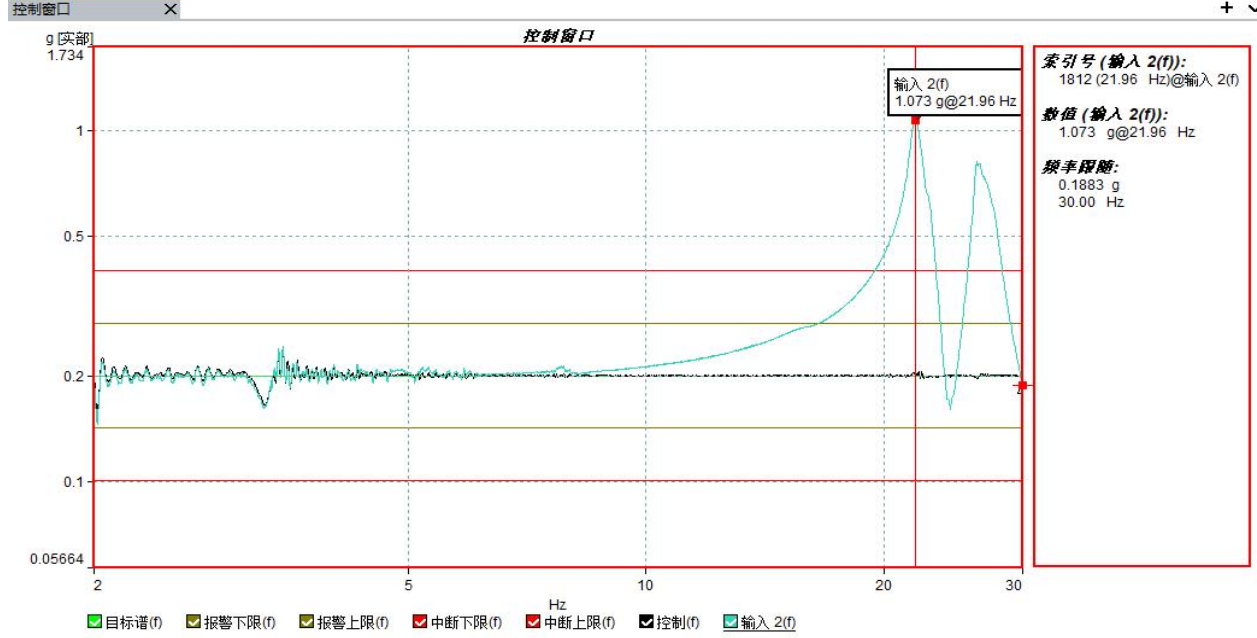
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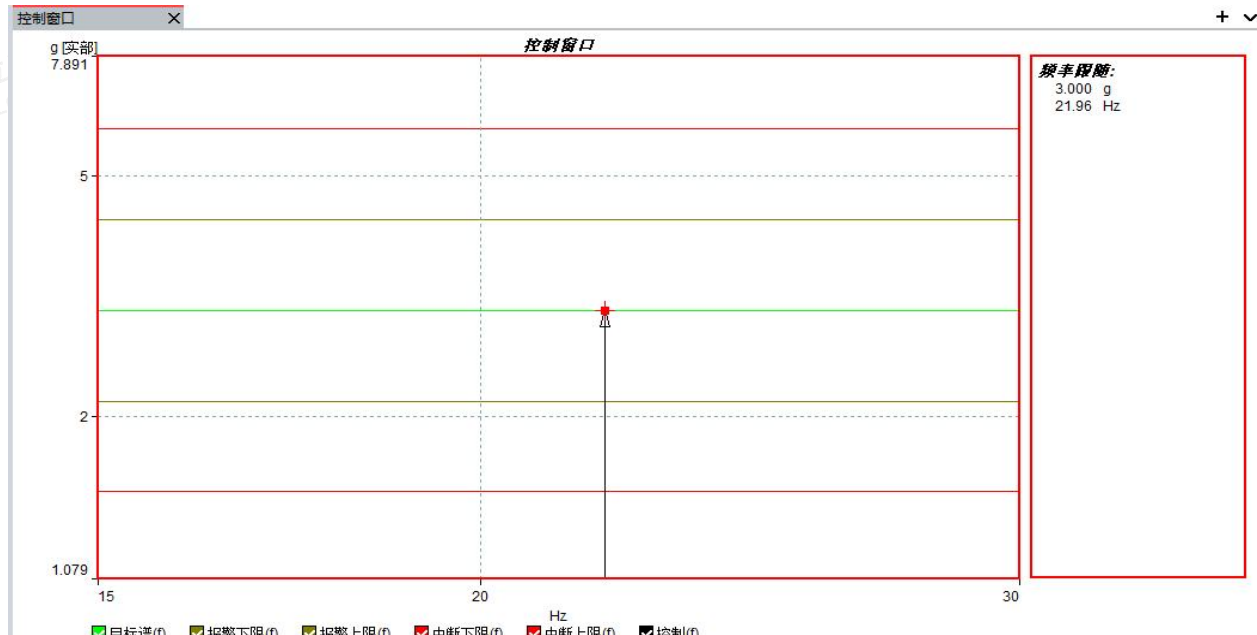


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Test curve:



Z-axis sweep frequency



Z-axis fixed frequency (21.96Hz)

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Test Report

NOTES:

1. The report be without test report seal is considered as INVALID.
2. The content of reports cannot be copied without written consent of lab.
3. The report will be invalid without signature of testing person, review person and approved person.
4. Report will be invalid if altered.
5. If there is any objection to the test report, it should be submitted to the lab within 15 days.
Otherwise, objection invalid.
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7. The report is only for use of internal by customer or scientific research.
8. The applicant and manufacturer's information, product name, model, trademark and other information in this report are provided by the applicant, and the laboratory is not responsible for verifying their authenticity.

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**** End of Report ****

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