



Test Report

Sample Name	:	LED Street light
Sample Model	:	AOK-300WiLA-NV-XX-00-XXYY-BN-P
Inspection Classification	:	Commission test
Manufacturer	:	AOK Industrial Company Limited
Client	:	AOK Industrial Company Limited



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-300WiLA-NV-XX-00-XXYY-BN-P

Sample Quantity : 1 PC

Sample tested Status : Normal

Sample received Date : Mar. 14, 2025

Sample tested Date : Mar. 18, 2025

Test result information:

Test item : 5G Vibration test

Test standard : ANSI C136.31-2023

Test result : Pass

Edited by

Davy.Qian

Mar. 20, 2025

Checked by

Kings.Su

Mar. 20, 2025

Approved by

Hart.Qiu

Mar. 20, 2025

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Revise Record

[illegible]

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Test Item: 5G Vibration test

1) Environment conditions:

Temperature: 23.9°C Humidity: 52%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
A250314089-001	LED Street light	AOK-300WiLA-NV-XX-00-XXYY-BN-P	1 PC	Normal

3) Reference Basis: ANSI C136.31-2023

4) Test Condition:

- Secure to the console and secure;
- Swept Vibration:
 - Frequency(Hz): 2-30;
 - Acceleration(G): 0.2;
 - Swept rate: 1 oct/min;
 - Test axial: X axis, Y axis, Z axis.
- Fixed Vibration:
 - Frequency(Hz):Z-11.92Hz,Y-(There is no resonance point, take 30.0Hz) ,X-16.70Hz;
 - Acceleration(G): 5;
 - Test cycle(Times): 100000;
- Sample test condition: Non-Operation;
- 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
A250314089-001	After the test, The appearance structure of the sample is not damaged and the function is normal.	Pass





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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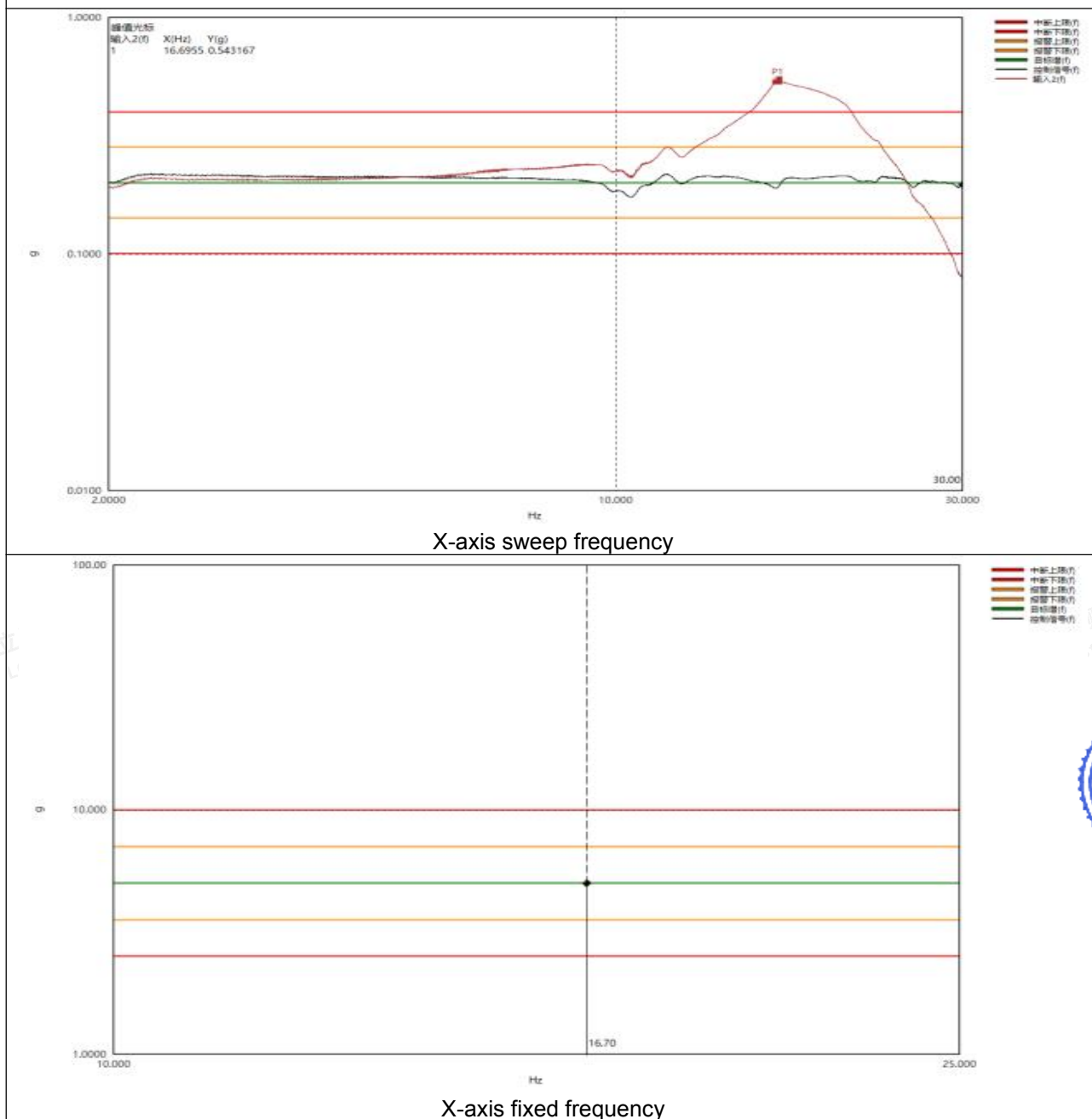


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Test curve:



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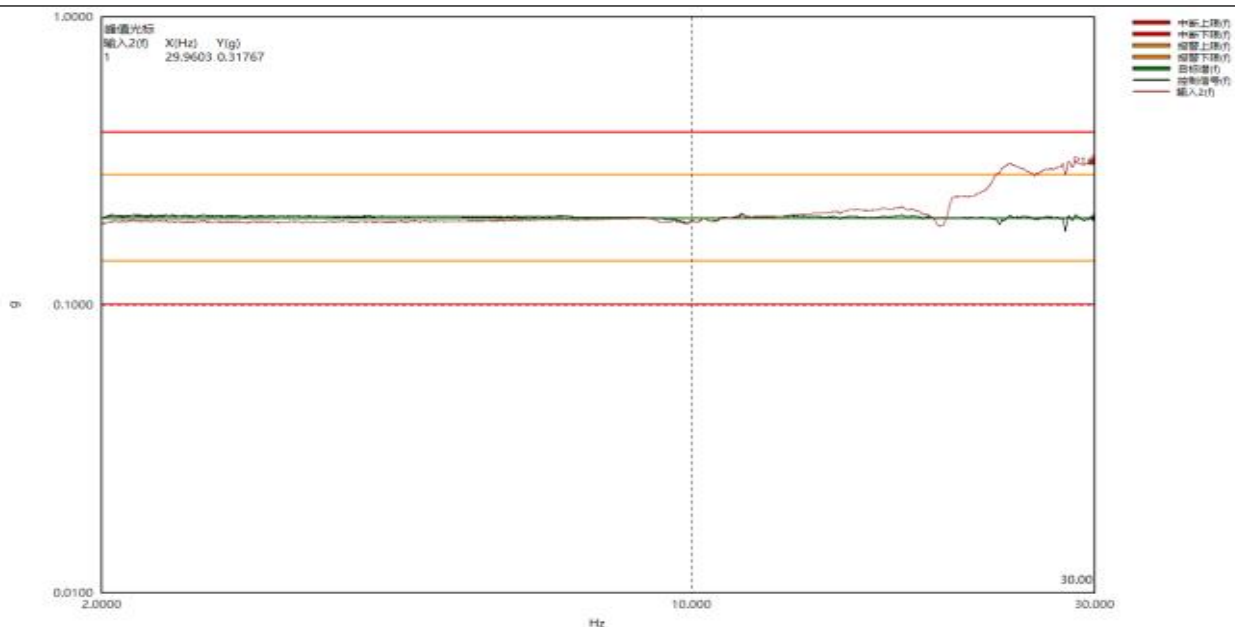


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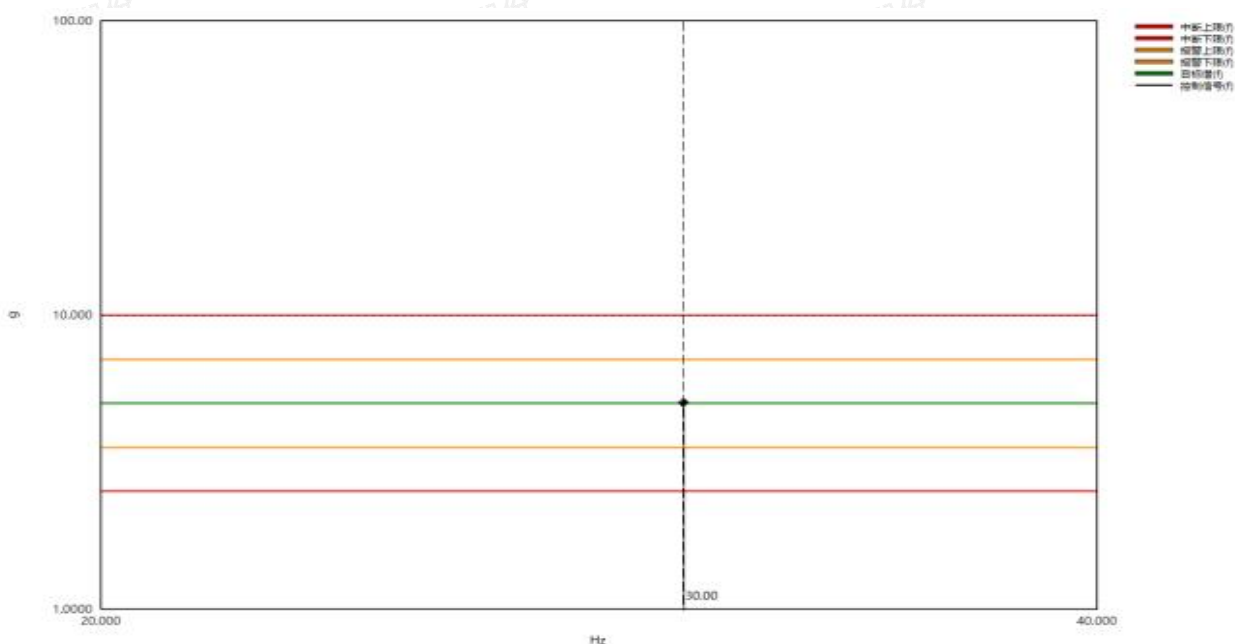


Test Report

Test curve:



Y-axis sweep frequency



Y-axis fixed frequency

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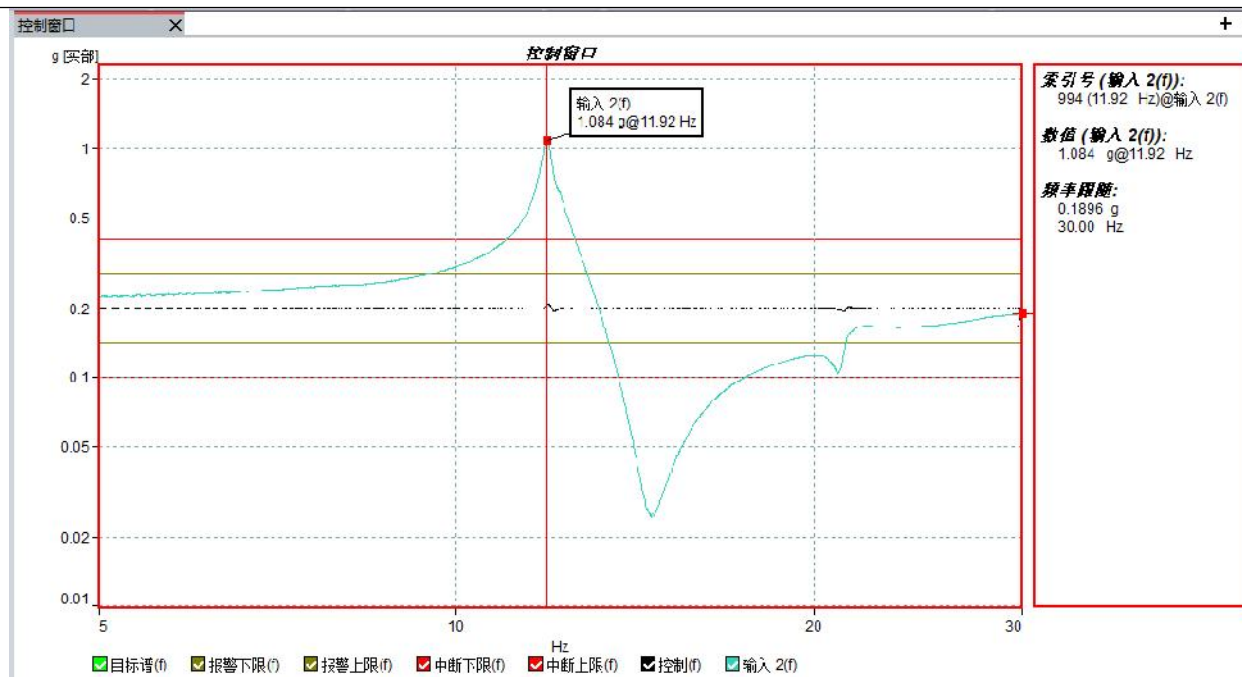


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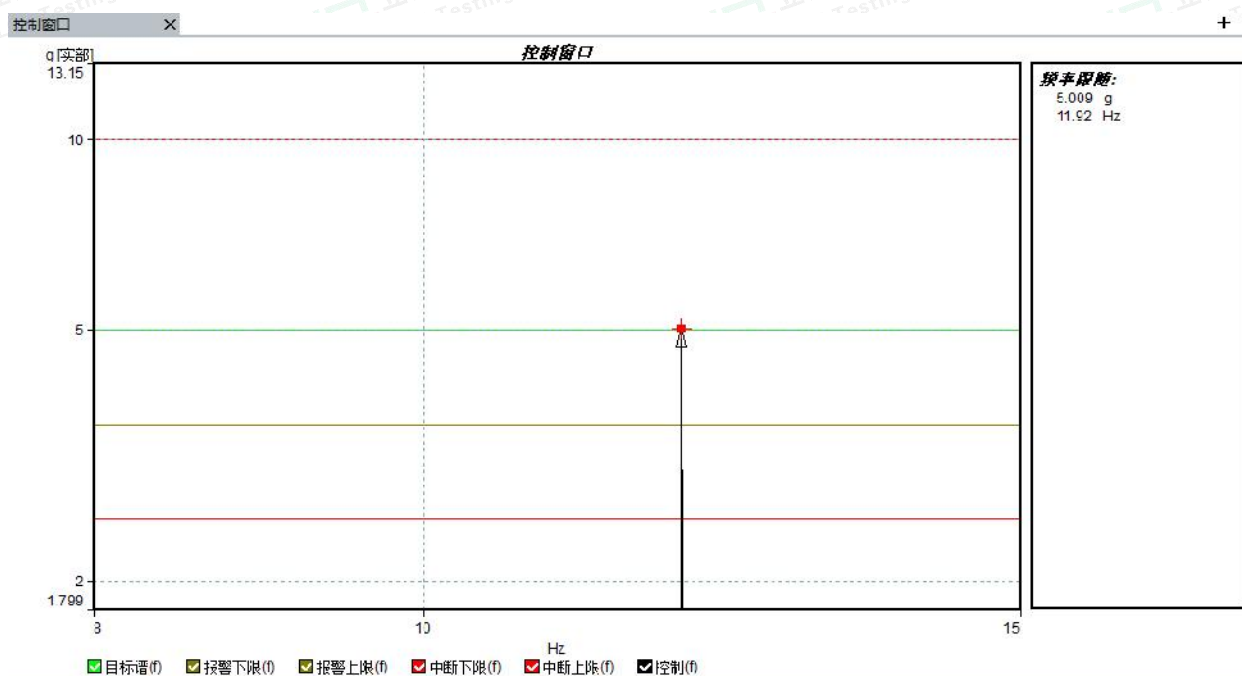


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Test curve:



Z-axis sweep frequency



Z-axis fixed frequency

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3. The report will be invalid without signature of testing person, review person and approved person.
4. Report will be invalid if altered.
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**** End of Report ****

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