



Test Report

Sample Name	:	LED street light
Sample Model	:	AOK-100WiLE-NV-XX-00-XXYY-BN-A
Inspection Classification	:	Commission test
Manufacturer	:	AOK Industrial Company Limited
Client	:	AOK Industrial Company Limited



Shenzhen LCS Compliance Testing Laboratory Ltd.

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Add: 101, 201 Building A and 301 Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, Guangdong, China
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Test Report

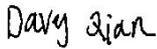
Client : AOK Industrial Company Limited
Address : 1/F of 1#Building, East Block of 3/F of Building 1,And 2/F of Building 4, ST George' s Science and Technology Industrial Park, Northside of Xinyu Road,Xiangshan Community, Xinqiao Street Baoan District,518000 Shenzhen, Guangdong, CHINA
Manufacturer : 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-00-XXYY-BN-A
Sample Quantity : 1 PC
Sample tested Status : Normal
Sample received Date : Sep. 19, 2025
Sample tested Date : Sep. 23, 2025
Trade mark 

Test result information:

Test item : 5G Vibration test
Test standard : ANSI C136.31-2023
Test result : Pass

					
Edited by	Davy.Qian	Checked by	Kings.Su	Approved by	Hart.Qiu
	Sep. 26, 2025		Sep. 26, 2025		Sep. 26, 2025

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Test Item: 5G Vibration test

1) Environment conditions:

Temperature: 25.4℃ Humidity: 55%RH

2) Tested Sample:

Sample No.	Sample Name	Sample Model	Sample Quantity	Sample Description
A250917034-001	LED street light	AOK-100WiLE-NV-XX-00-XXYY-BN-A	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-18.22Hz,Y-20.96Hz, X-23.36Hz;
 - b) Acceleration(G): 5;
 - 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	Mar. 8, 2026

6) Test Results:

Sample No.	Test Result	Judgment
A250917034-001	After the test, The appearance structure of the sample is not damaged and the function is normal.	Pass

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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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Sample Photo during the Test:



Z axis Swept



Z axis Fixed

Sample Photo after the Test:



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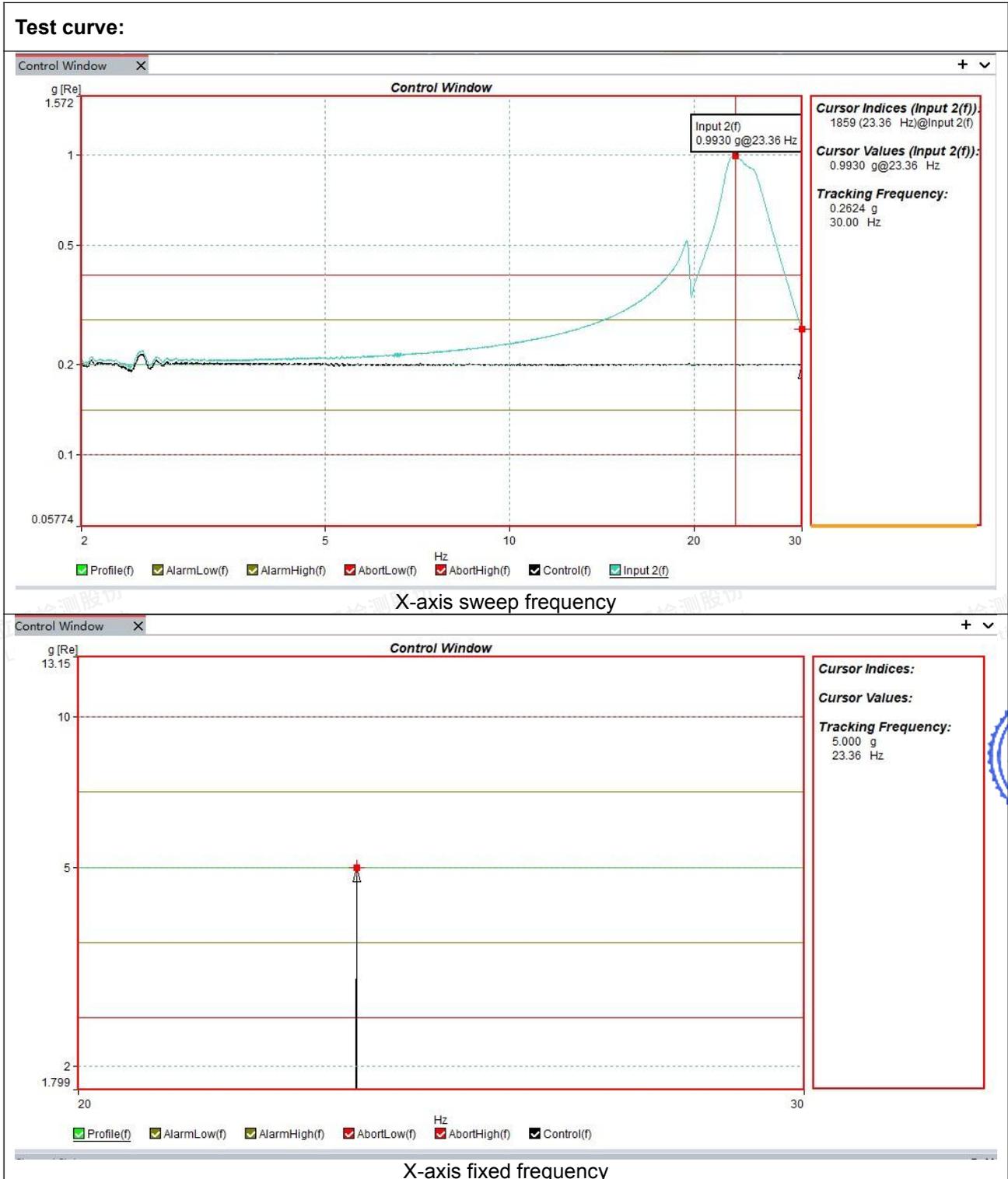


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Test Report

Test curve:



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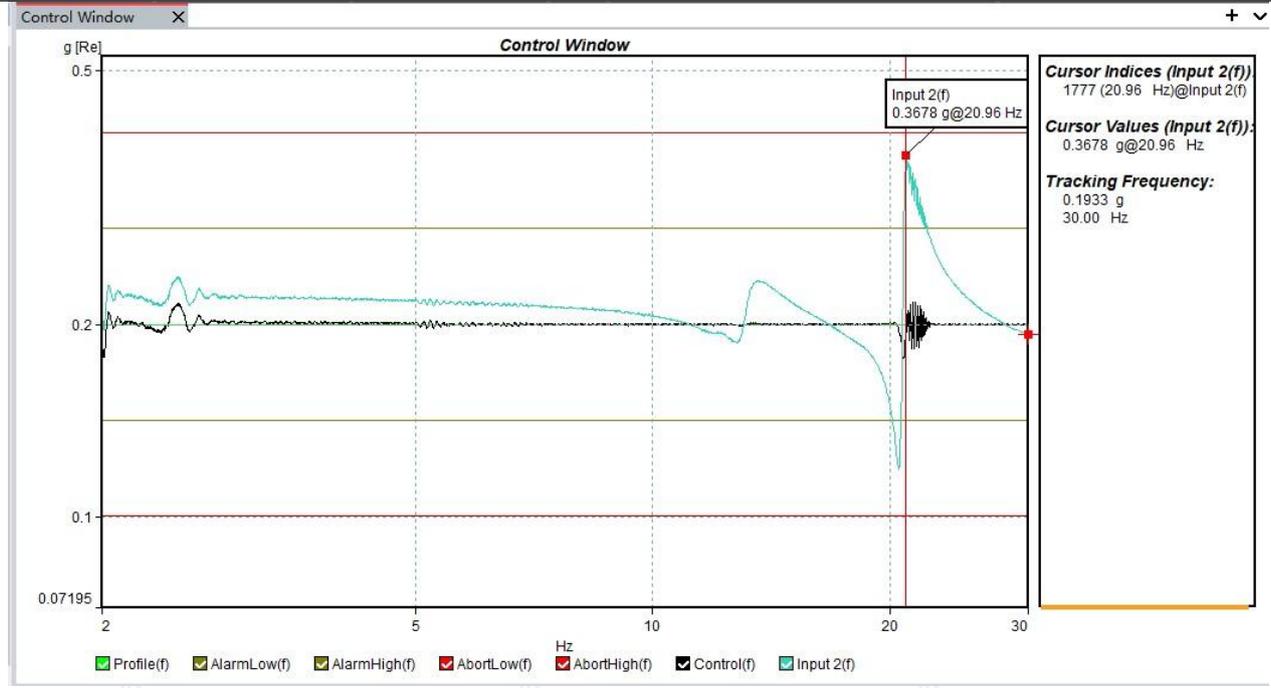


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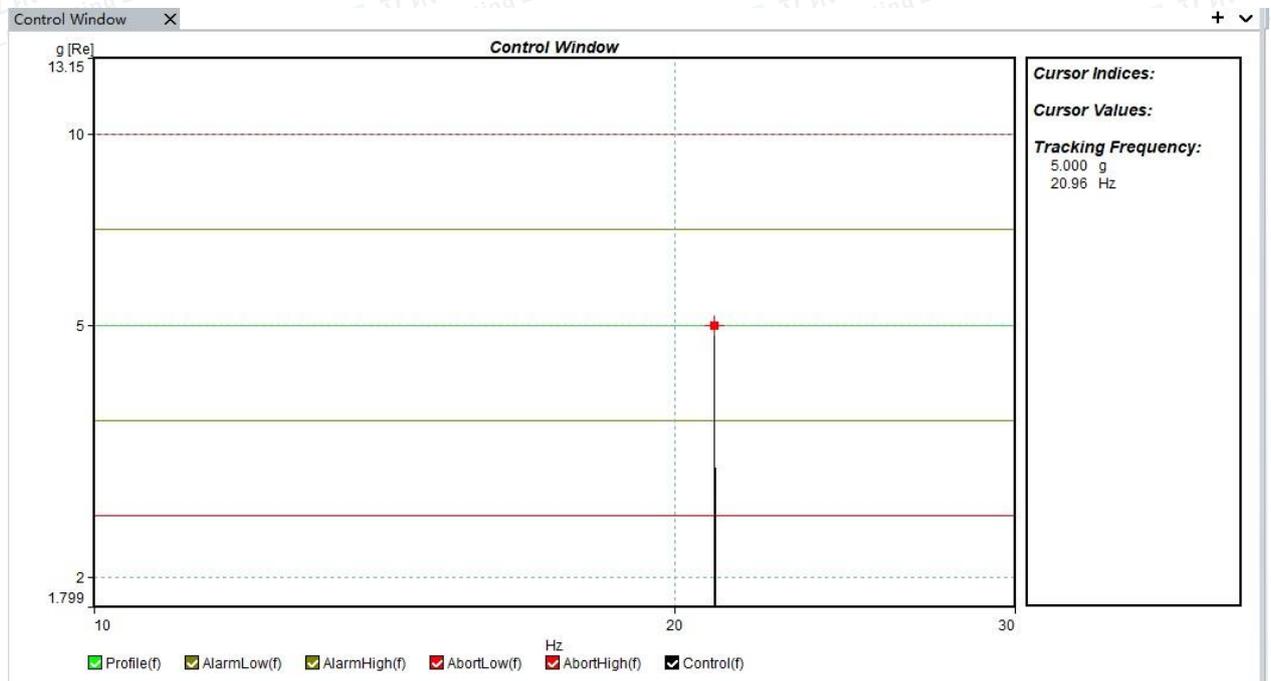


Test Report

Test curve:



Y-axis sweep frequency



Y-axis fixed frequency

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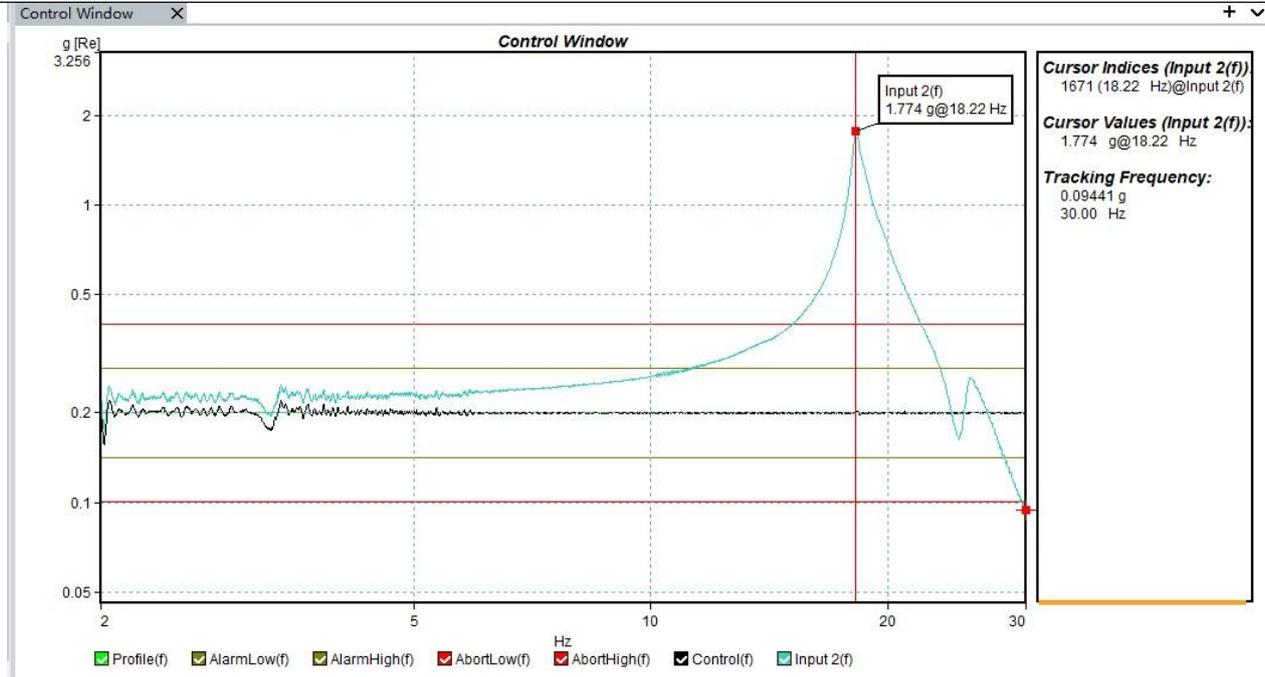
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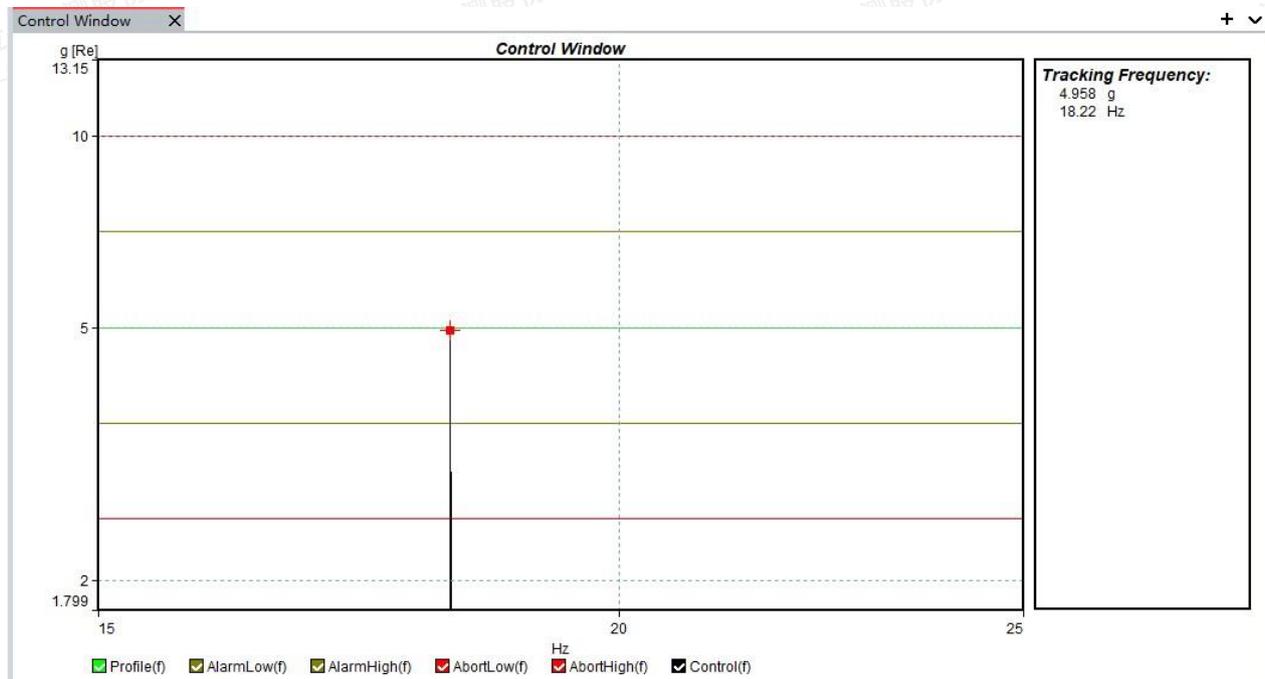


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Test curve:



Z-axis sweep frequency



Z-axis fixed frequency

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**** End of Report ****

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