



3-Axis Vibration TEST REPORT

Of ANSI C136.31-2018 Applied for SASO-2927

Kunde: <i>Client:</i>	AOK Industrial Company Limited
Adresse: <i>Address:</i>	Building 1, Shengzuozhi Technology Industrial Park, Shajing Street, Shenzhen City, Guangdong, P.R. China
Hersteller: <i>Manufacturer:</i>	AOK Industrial Company Limited
Adresse: <i>Address:</i>	Building 1, Shengzuozhi Technology Industrial Park, Shajing Street, Shenzhen City, Guangdong, P.R. China
Name der Marke: <i>Brand Name:</i>	AOK
Beschreibung des Produkts: <i>Product Description:</i>	LED STREET LIGHT
Modelle: <i>Models:</i>	AOK-200WiL02-NV-L3-00-40
Bewertung: <i>Rating:</i>	AC120-277V, 50/60Hz, 200W, 2200mA
Verfahren: <i>Method:</i>	ANSI C136.31-2018: Roadway and Area Lighting Equipment —Luminaire Vibration
Prüfergebnis*: <i>Test result*:</i>	Appearance Normal, Function Normal

Datum der Prüfung: <i>Date of Test:</i>	Datum der Emission: <i>Date of Issue:</i>	Klassifizierung: <i>Classification:</i>	Gegenstand der Prüfung: <i>Test item:</i>
2021-06-08~2021-06-09	2021-09-03	Commission Test	3-axis vibration test

Prüflabor (Testlabor) / Testing Laboratory:
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

Test von/Prepare by: <i>Seth Cai</i> Seth Cai/ Project Engineer	Check von/Check by: <i>Ian Luo</i> Ian Luo/ Director	Genehmigt von/Approved by: <i>Jesse Liu</i> Jesse Liu/ Manager
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Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.

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Test Item: Vibration Test

1. Environment conditions:

Temperature: 24.0℃ Humidity: 59%RH

2. Tested Sample:

Sample No.	Sample Name	Sample Type	Sample Quantity
001	LED STREET LIGHT	AOK-200WiL02-NV-L3-00-40	1PC

3. Reference Basis: ANSI C136.31-2018

4. Test Condition:

1. Secure to the console and secure;
2. Swept Vibration:
 - a) Frequency(Hz): 2-30;
 - b) Acceleration(g): 0.2;
 - c) Amplitude(mm): /;
 - d) Swept rate(oct/min): 1;
 - e) Times of Frequency sweep: 1;
 - f) Test axial: X, Y, Z.
3. Fixed Vibration:
 - a) Frequency(Hz):X-7.69 Hz, Y-8.67 Hz, Z-29.96 Hz;
 - b) Acceleration(g): 3g;
 - c) Test cycle(times): 100000.
4. Sample test condition: Non-package, Non-Operation.

5. Test Equipment:

Sequence	Equipment Name	Serial No.	Valid Date to
1	Vibration tester	LCS-S-089	10/26/2021

**6. Test Results:**

Sample Type	Test Condition	Test axial	Appearance inspection	Function inspection
AOK-200WiL02-NV-L3-00-40	1.5G	X	normal	normal
		Y	normal	normal
		Z	normal	normal
	3.0G	X	normal	normal
		Y	normal	normal
		Z	normal	normal

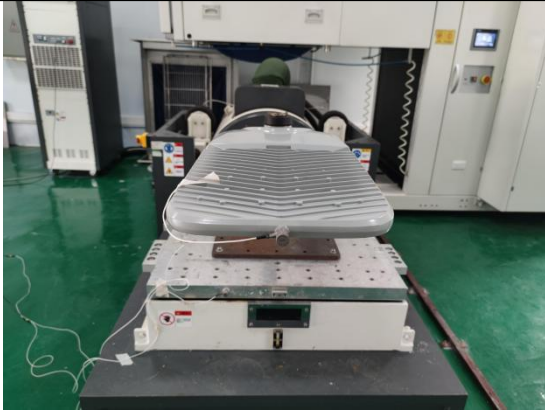


Photo of sample for model AOK-200WiL02-NV-L3-00-40

Sample Photo before the Test:



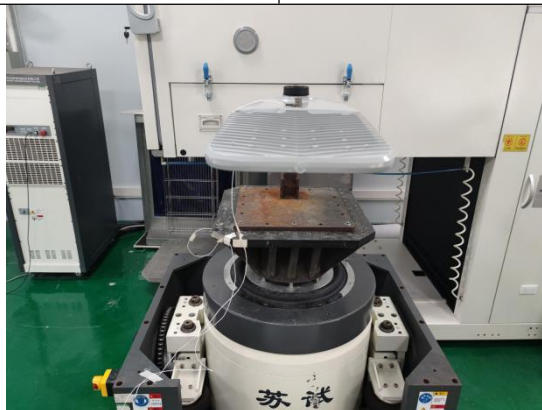
Sample Photo during the Test:



X



Y



Z



Sample Photo after the Test: Appearance normal, Function normal



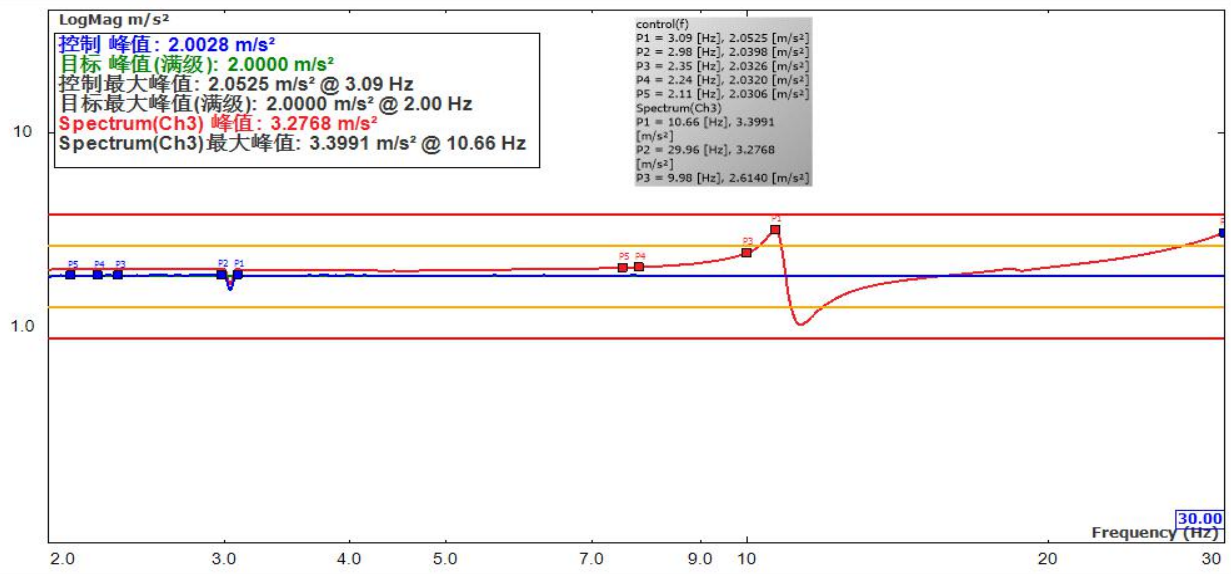
Appearance inspection



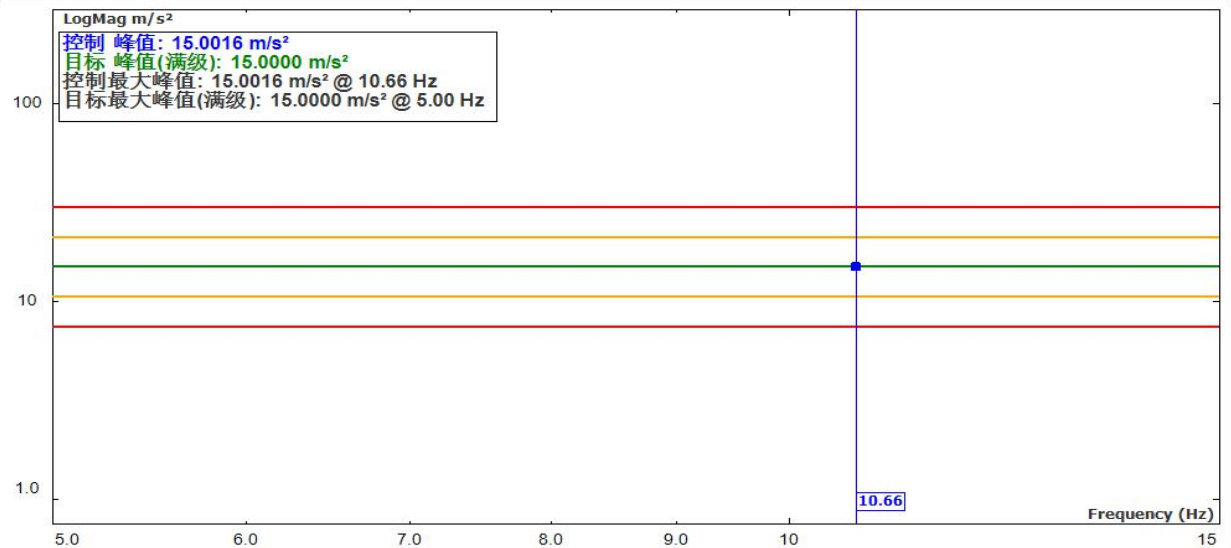
Function inspection



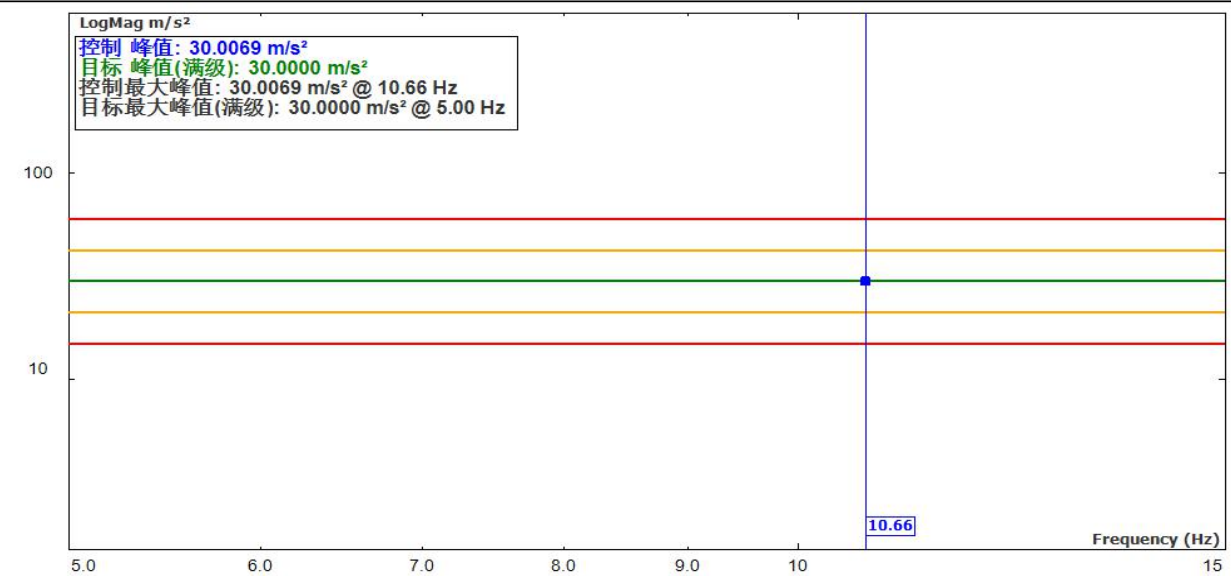
Test Curve



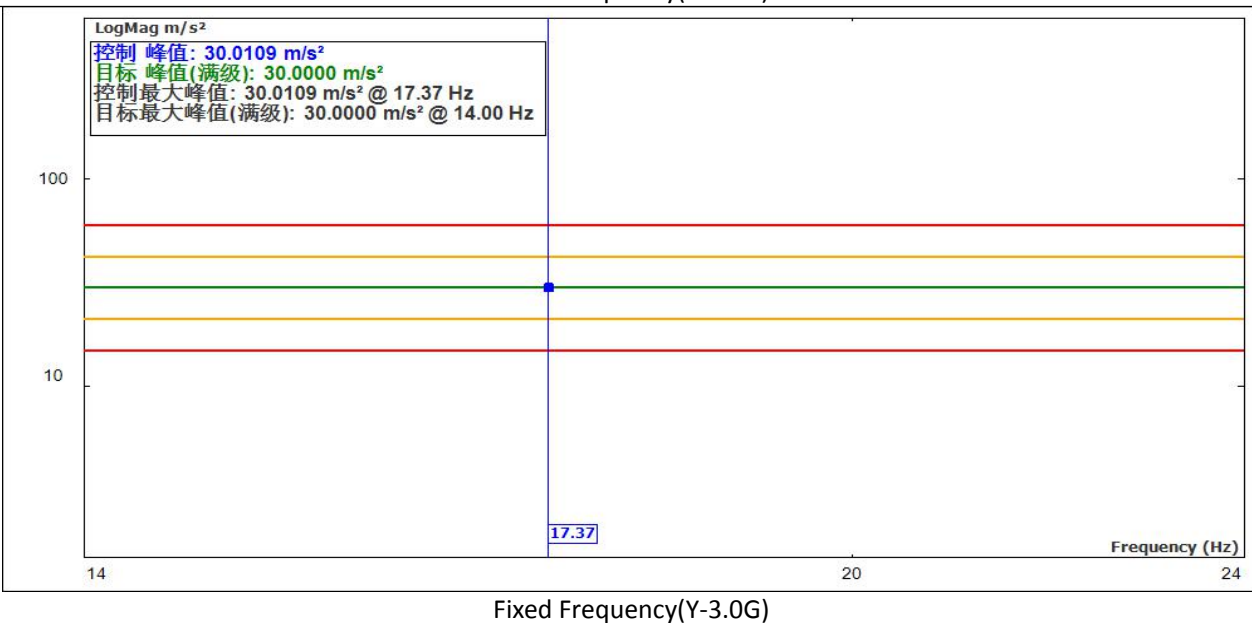
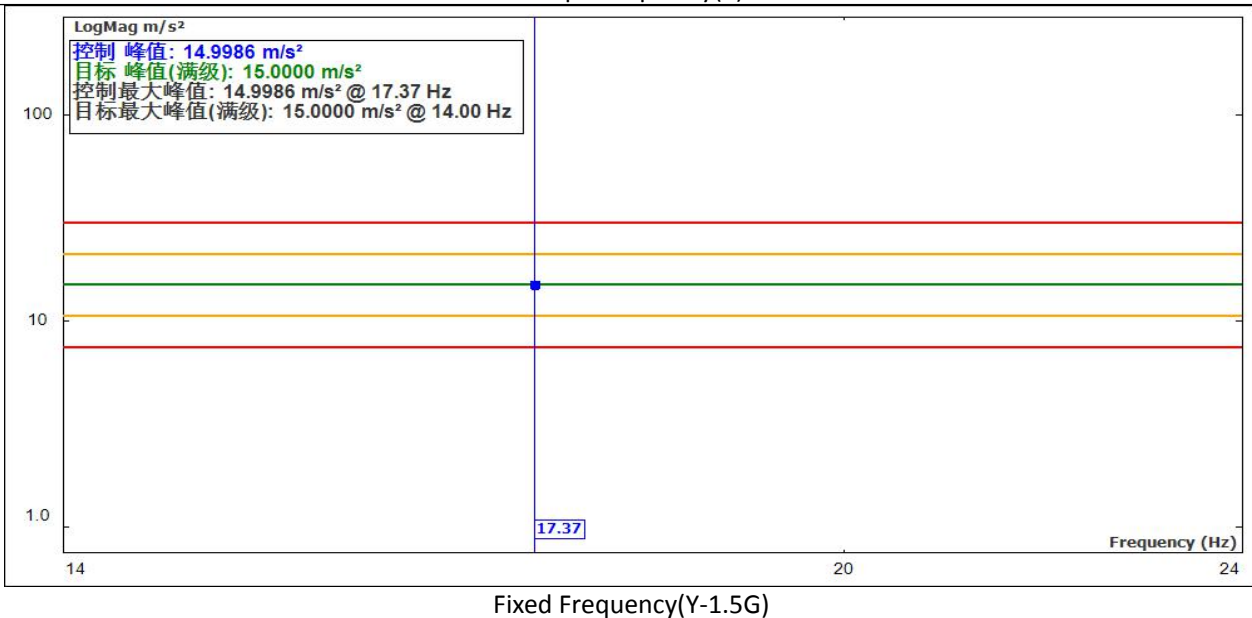
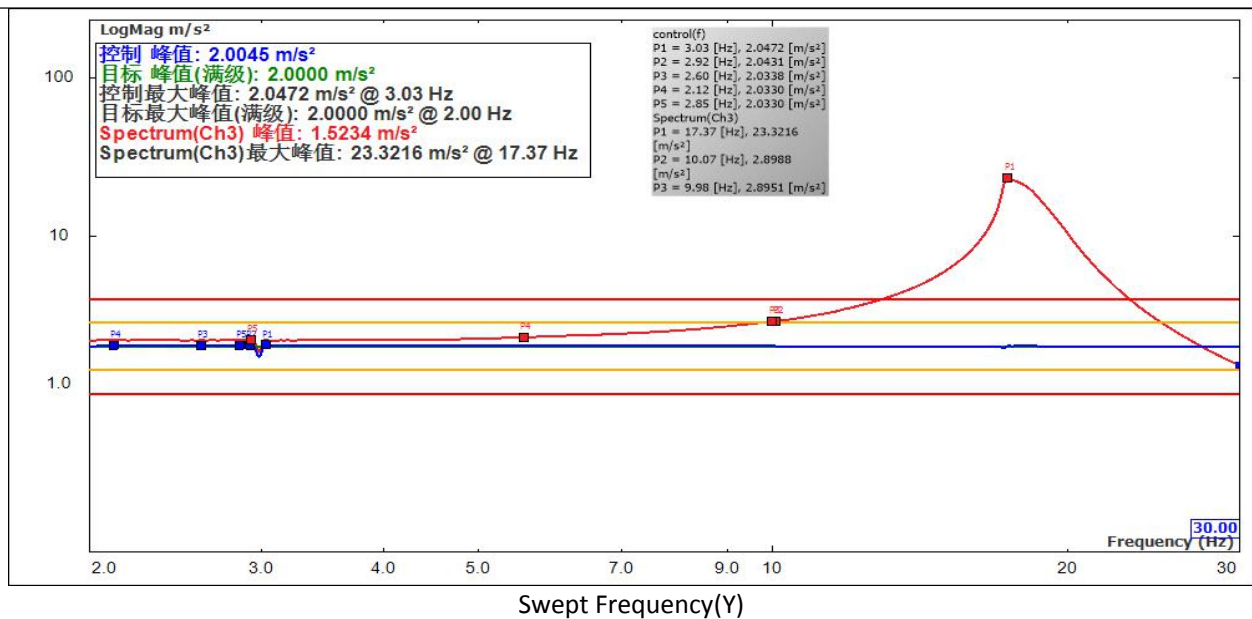
Swept Frequency(X)

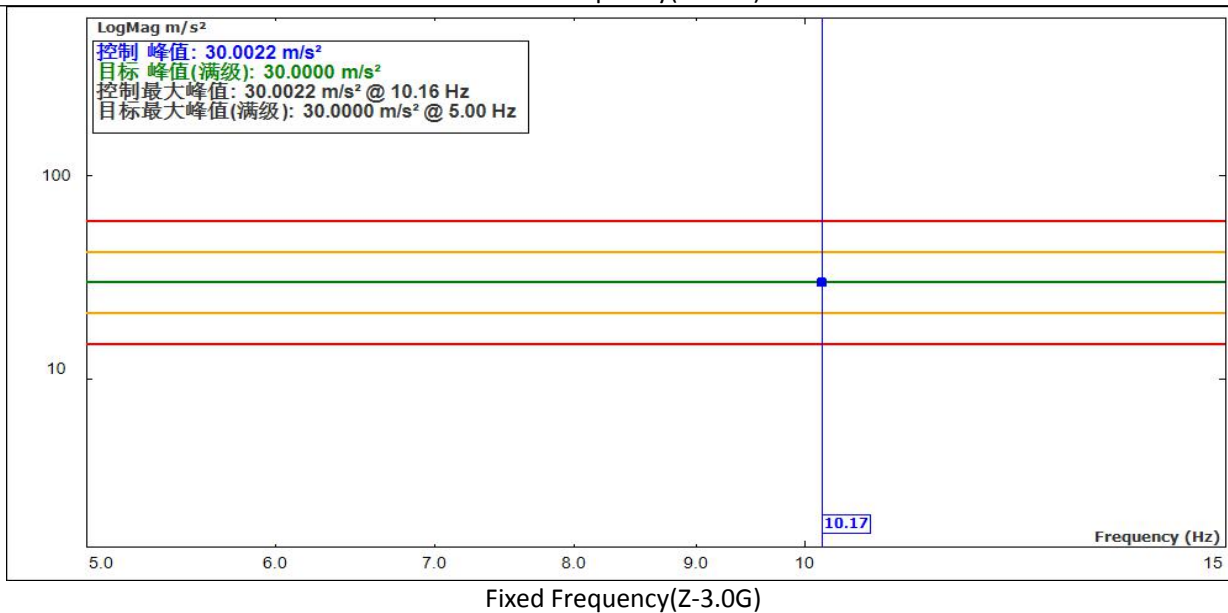
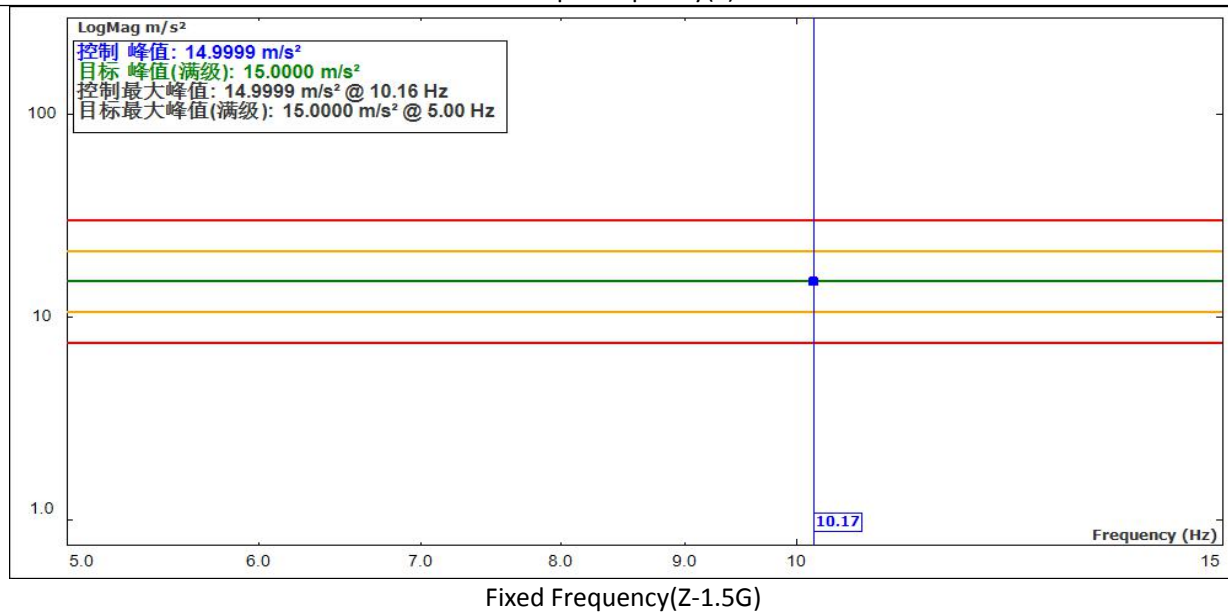
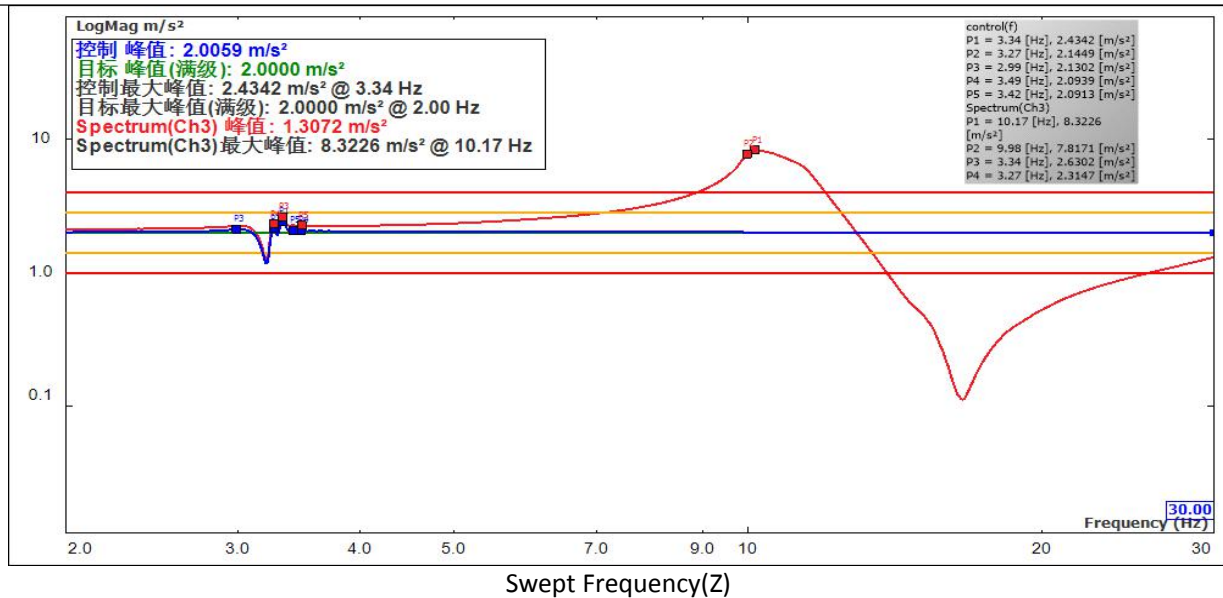


Fixed Frequency(X-1.5G)



Fixed Frequency(X-3.0G)





**Revision History**

Revision	Issue Date	Revision Content	Revised By
V1.1	2021/09/03	Modify the Client 、 Manufacturer 、 Model and Trademark	Seth Cai

Remark: This report is based on the report No. LCS200722087BS. This report is invalid without the original report.

----- End of test report -----