



# TEST REPORT

No. : **GZES231102107505**  
 Amendment 01  
 Date: **2026-02-02**  
 Page: **1 of 4**

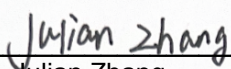
CUSTOMER NAME: Shenzhen Chip Optech Co., Ltd.  
 ADDRESS: 5th Floor, Tower C, Baoshi Technological Park, Baoshi Road, Shiyan Street, Bao'an District, Shenzhen, China

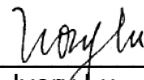
Sample Name : LED Display Screen  
 Model Name : VMS16S-4535RGB, **VMS10S-4535RGB**  
 Testing location/address : SGS-CSTC Standards Technical Services Co., Ltd Guangzhou Branch  
 : 198 Kezhu Road, Science City, Economic & Technology Development Area, Guangzhou, Guangdong, China

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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SGS Ref. No. : GZES2311021075LM  
 Date of Receipt : Nov 28, 2023  
 Testing Start Date : Oct 22, 2024  
 Testing End Date : Nov 04, 2024  
 Test result(s) : For further details, please refer to the following page(s)  
 (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)  
 Remark : EN ISO 9227:2022 is not under GZ GAC scope but is under GZ CNAS scope.

  
 Julian Zhang  
 Project Engineer

  
 Ivory Lu  
 Project Reviewer  
 Safety Laboratory



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SGS-CSTC Standards Technical Services Co., Ltd.  
 Guangzhou Branch, Testing Laboratory

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## Summary of Results:

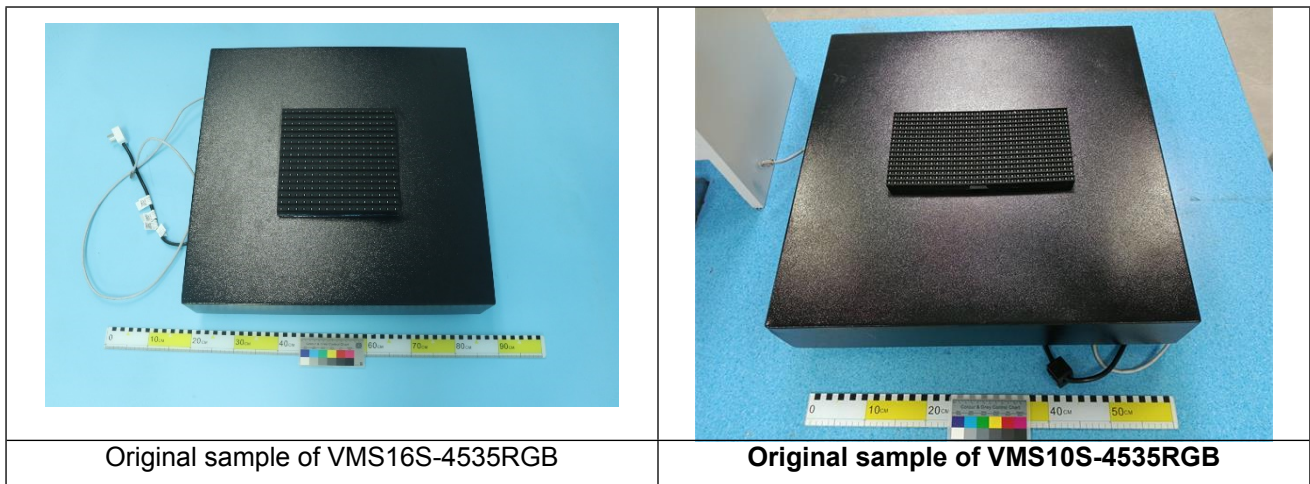
### Revision History:

- This report is based on the original test report GZES231102107505, dated 2025-04-10 and all test data refer to this report except for the following changes:
  - Added 1 new model: VMS10S-4535RGB
  - The new model has a similar construction to the original model VMS16S-4535RGB except for the LED module size and pitch.
  - After review, no additional test was considered necessary.

No.	Test Item	Test Method	Result	Conclusion
1	Corrosion test	EN 12966-1: 2005+A1:2009 Table 15 & EN ISO 9227:2022	See results	Pass

Note: Pass : Meet the requirements;  
 Fail : Does not meet the requirements;  
 / : Not Apply to the judgment.

## Original Sample Photo:



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Test Item: Resistance to corrosion of discontinuous VMS

Test Method: EN 12966-1: 2005+A1:2009 Table 15 & EN ISO 9227:2022

Test Condition: Salt spray test

Concentration of solution collected: (50±5) g/L NaCl

Chamber temperature: (35±2) °C

Volume of salt solution collected: (1.5±0.5) ml/ (80cm<sup>2</sup>·h)

pH of collected solution at (25±2) °C: 6.5~7.2

Exposure period: 240h

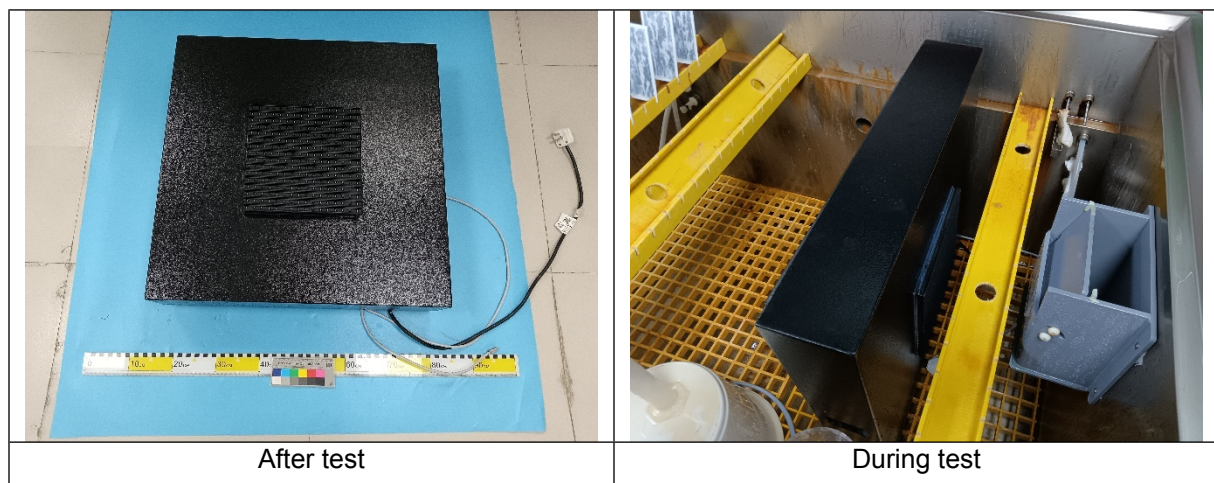
State of the test module during the test: Unpacked, locked, switched off

Final measurements: Visual inspection and Function check

Test Result:

Sample	Results	Requirement in EN 12966-1: 2005+A1:2009 Table 15	Conclusion
VMS16S-4535RGB	1.No visual corrosion. 2.Functional verification passed after test.	1.No visual corrosion. 2.Functional verification passed after test.	Pass

Test Photo:



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Function test

\*\*\*\*\* End of report\*\*\*\*\*



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