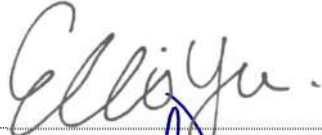
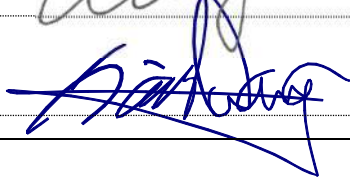


TEST REPORT IEC 60068 Environmental Testing – Part 2-1: Test A : Cold and Part 2-78: Test Cab: Damp heat, steady state	
Report Number	2407004
Date of issue	2024-07-05
Total number of papes	7
Tested by (name, function, signature)	Ellis Yu / Engineer
Approved by (name, function, signature).....	David Wang / Reviewer
 	
Testing Laboratory	
Name	Universal Certification Technology Co. Ltd.
Address	13F-5, No. 93, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan.
Test Location	Same above
Applicant	
Name	Vecow Co., Ltd.
Address	3F., No.10, Jiankang Rd., Zhonghe Dist., New Taipei City 23686, Taiwan (R.O.C.)
Test item description	
Product name	NVIDIA® Jetson AGX Orin™ Embedded AI Computing System
Trade mark(s)	Vecow
Model /Type reference	EAC-5100
Rating	DC 9-50V
Test specification	
Standard	<input checked="" type="checkbox"/> IEC 60068-2-1: Edition 6.0: 2007 <input checked="" type="checkbox"/> IEC 60068-2-78: Edition 2.0 : 2012
Test procedure	- Examine the appearance of specimen by visual check and perform functional check after the test - Turn on the power of specimen then execute the test program "Burning test", while performing functional check
Test Result	No visible Damage and Functional check Normal
General disclaimer	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing Testing Laboratory.	

Testing :

Dates of receipt of test item : 2024-06-18

Date(s) of performance of tests : 2024-06-20 ~ 2024-06-22

General product information and other remarks :

1. Dimension of test object : 260mm (L) by 182mm (D) by 69mm (H)
2. Weight of test object : 3.814 kg
3. Test sample :
 - Complete enclosure.
 - Individually section of enclosure (see below test method)
4. During test the EUT was operating.
5. The test sample was a pre-production sample without serial number.
6. (Client's declaration) The Configuration of Specimen(s) as shown Below :
 - CPU: NVIDIA® Jetson AGX Orin™ 64GB
 - GPU: 2048-core Ampere™ GPU with 64 Tensor Cores
 - OS: Ubuntu 20.04
 - RAM: 64GB LPDDR5 DRAM

Summary of compliance with standard:

We have tested the submitted sample(s) as requested and the following results were obtained :

Test Required : (According to client's test specification , please see following sheets in detail.)

- 1. Low Temperature Test**
- 2. Damp Heat Test**

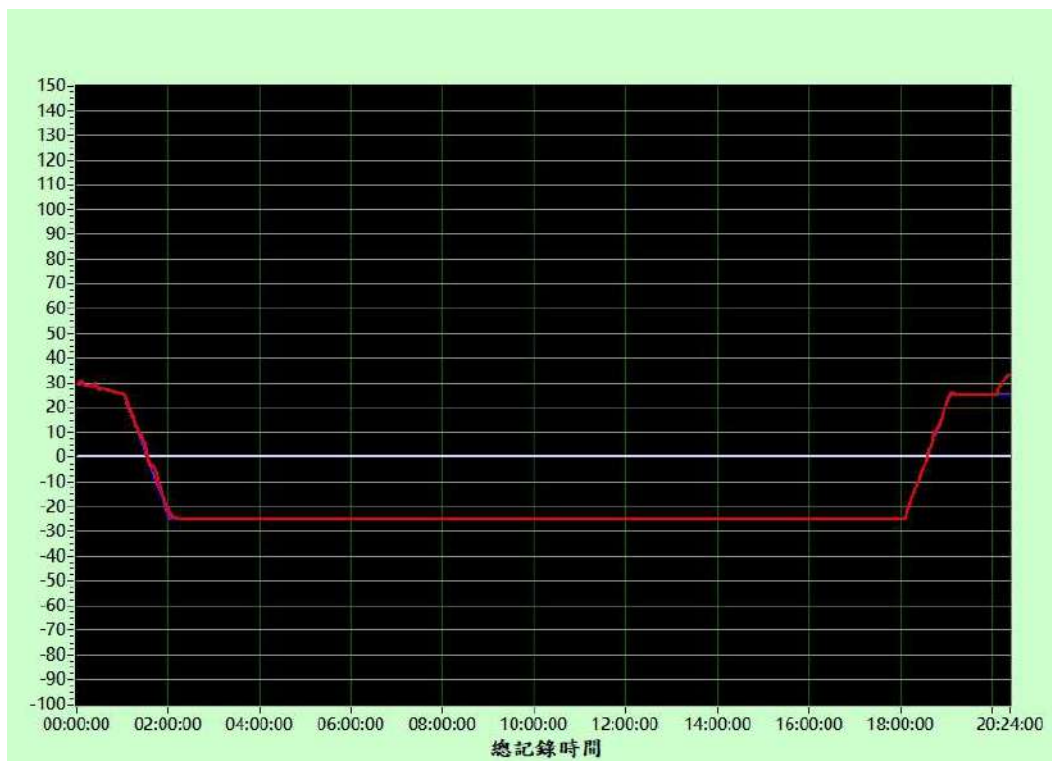
Test Results :

- Please see attached Sheets

1. Low Temperature Test

Test Equipment :			
Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA2004-008
Test Laboratory Environment Condition :			
Temperature (°C)	Relative humidity (%)	Air pressure (kPa)	
15 ~ 35	25 ~ 75	86 ~ 106	
Test Location :			
13F-5, No. 93, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan.			
Test Method / Specification :			
IEC 60068-2-1 Edition 6.0: 2007 and client's request			

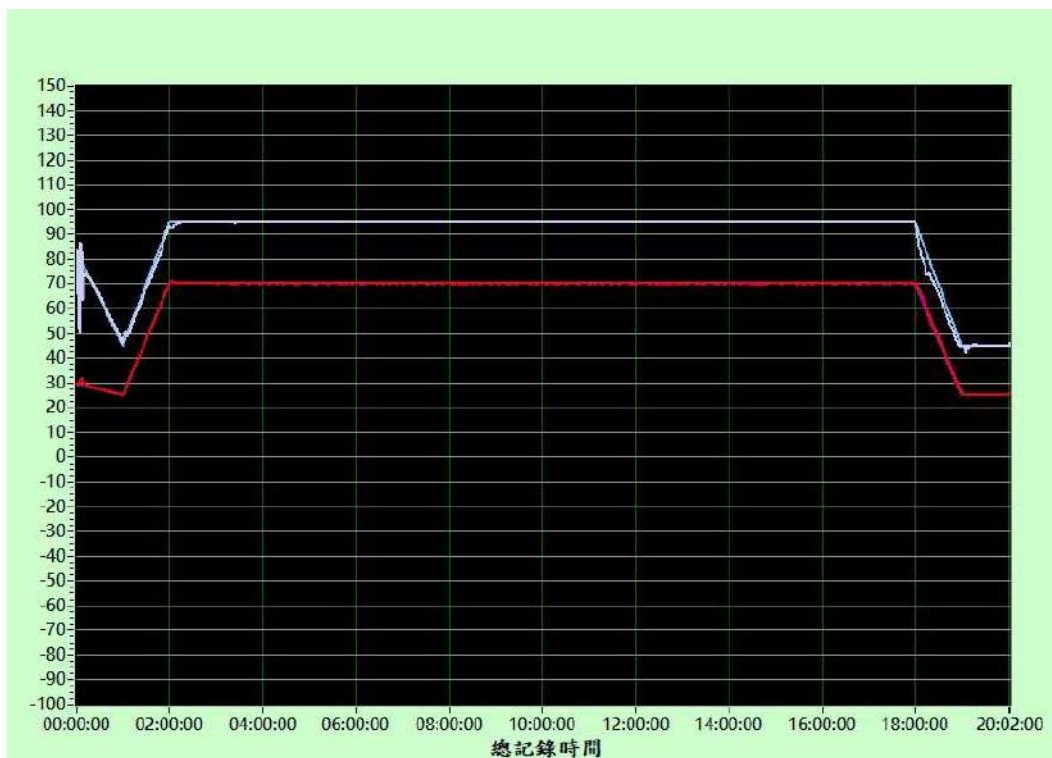
TABLE: Low Temperature Test		
Test temperature	Durations	Curve Chart
-25°C	16hr	during testing



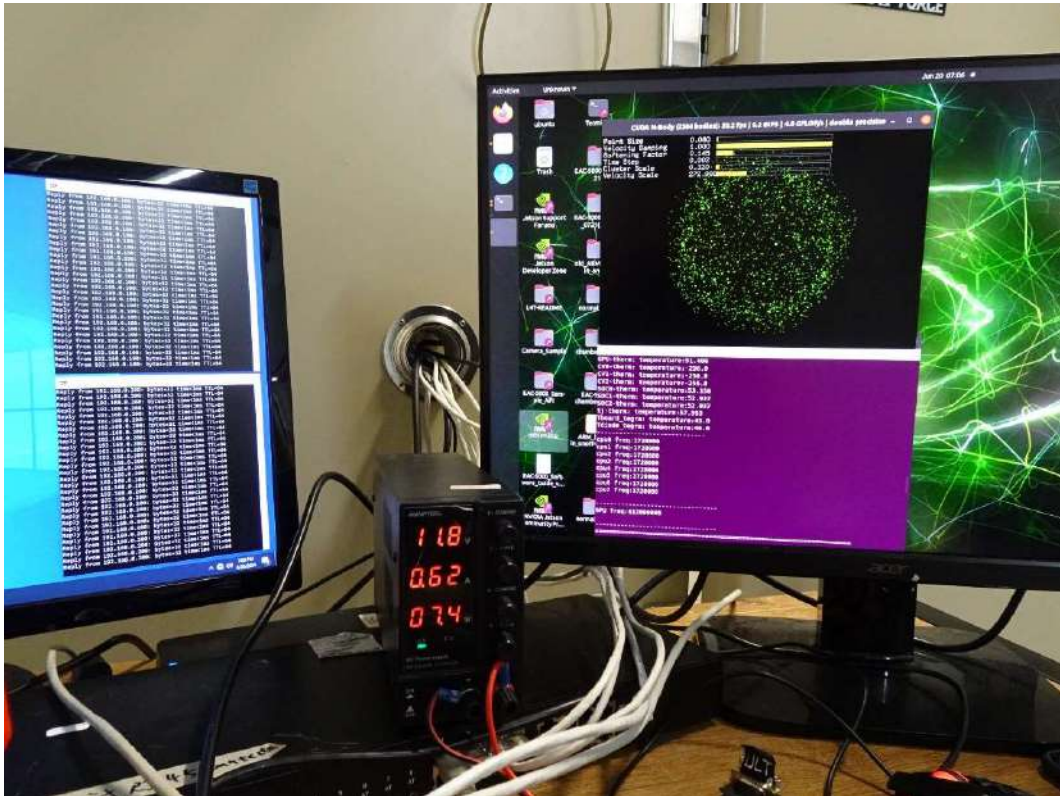
2. Damp Heat Test

Test Equipment :			
Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA2004-008
Test Laboratory Environment Condition :			
Temperature (°C)	Relative humidity (%)	Air pressure (kPa)	
15 ~ 35	25 ~ 75	86 ~ 106	
Test Location :			
13F-5, No. 93, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan.			
Test Method / Specification :			
IEC 60068-2-78 Edition 2.0: 2012 and client's request			

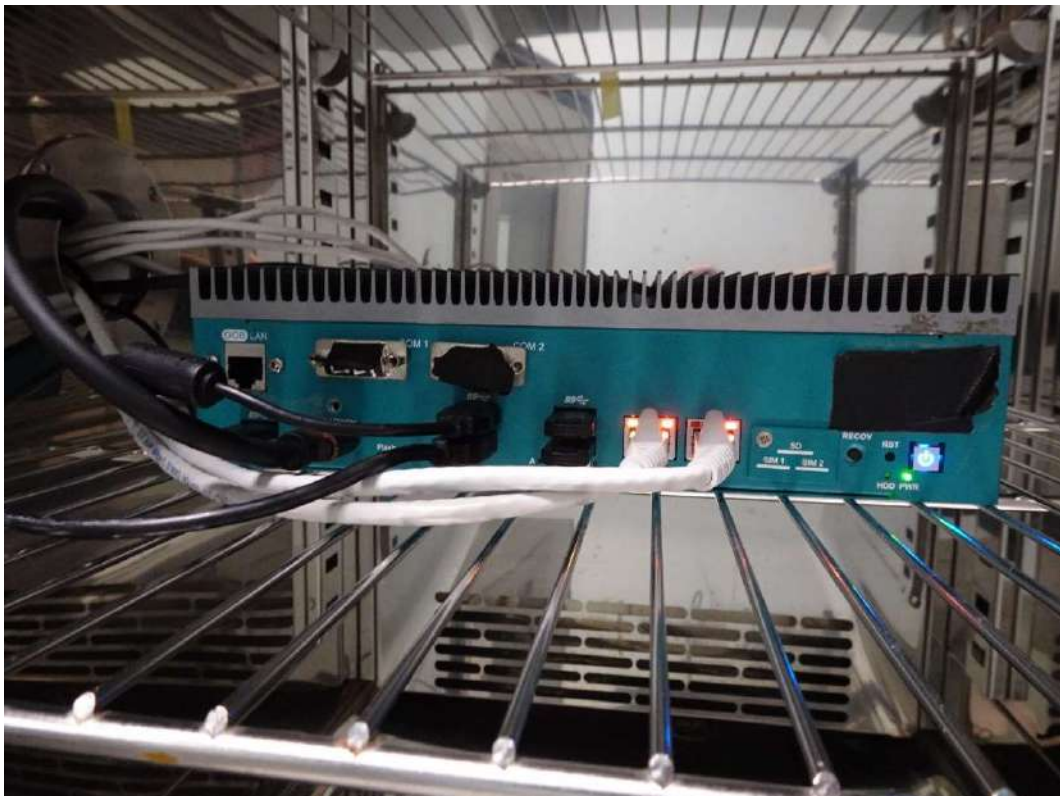
TABLE: Damp Heat Test			
Test temperature	Test Humidity	Durations	Curve Chart
70°C	95% RH	16hr	during testing



Test photos:



Functional Check



During temperture test



During temperture test



EUT Photographs



EUT Photographs