

TEST REPORT

Client:

Panasonic Corporation

Purpose:

ISTA 7D

Evaluation test for the product & packaging

Laboratory:

Japan Business Logistics Co., Ltd.

Issue data:

April 1, 2022

Operator:

T.lwahori

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TEST LABORATORY

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	The first edition
Revision history	

1. TEST DESCR	RIPTION				
Test Purpose	To evaluate the effects of external temperature exposure for the thermal package.				
	Specimen: VIXELL:AE-V12UXR/AE-V12C5R				
	Package Type: thermal package				
	Packaged Size: 545 x 495 x 450(H) mm				
	Packaged Weight: 18 kg				
	Q'ty: 1 pc				
	Other:				
Test Spacimen	Parissonio No. 4				
	Test Standards ISTA 7D -2007 Summer				
Test Sequence	1、Preconditioning (Temperature) for Internal unit				
	2、Temperature Cycle test				
	24 hour domestic small package express freight transport (Air)				
	SUMMER PROFILE (Hot Shipping & Hot Receiving) x 6 times				



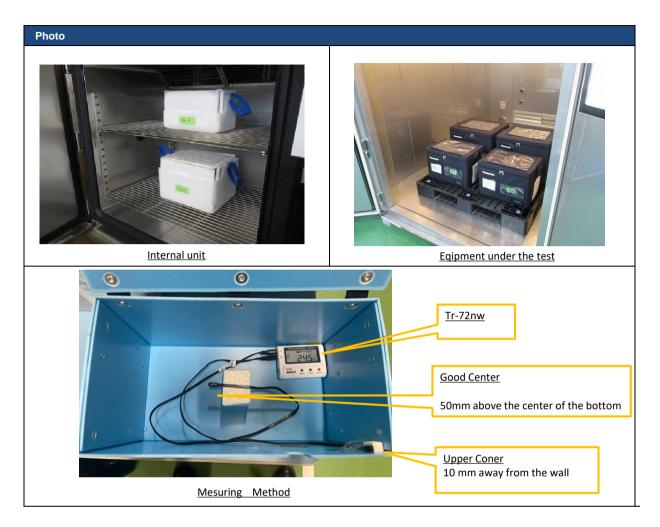


2. TEST DETAILS

1. Preconditioning						
Temperature	STEP	Temperature (°C)	Period (hh: mm)	Control		
	1	3	24:00 more than	for Internal unit		

2. Temperature Cycle test						
Test method	ISTA 7D -2007 Summer					
	STEP	Temperature (°C)	Period (hh: mm)	Control		
	1	22	4:00			
	2	35	2:00			
	3	30	12:00			
	4	35	6:00			
Temperature						
Cycle conditions						
Number of cycles	6 Cycle(s)					
Configuration	Repeat STEP 1 to STEP 4 for 24 hours.					
Total period	144 hours or more					
Date	March 16, 2022 ~ March 22, 2022					
	Equipment: Kusumoto Chemicals Chamber					
Equipment	Model: COLONIA_CH321PA Serial No. 142003001					
	Calibration date:	Calibration date: June 8, 2021				





3. TEST RESULT

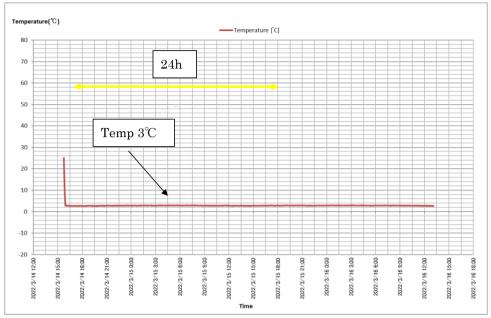
Test result				
Package condition after testing	Visual inspection was conducted after all test schedules were completed. No physical damage was found on the product.			
Product condition after testing	Final inspection will be conducted by Panasonic Corporation			
Conclusion	Pass/Fail result will be determined after final inspection to be conducted by Panasonic Corporation			





4. TEST DATA

Preconditioning: Internal unit



SUMMER PROFILE Hot Shipping & Hot Receiving



