Product Validation Report

Product Name	**: RGD2461AMI-PW(AG)**
Model Name	**: RGD2461AMI**
Product Stage	**:MP**
Product No.	**: 1A1A2323Y100000**
Revision	**: 0**

Prepared By : Joe Lin **Date： 2026/09/07**

Approved By : RongChi Liao **Date： 2026/09/07**

Index & Content			
Part	**Test Item**	**Descriptions**	**Result**
H/W	Burn In Test	Test and verify monitor's stability.	PASS
Reliability	Vibration Test	To evaluate whether the product's functions and appearance are maintained in a stable condition when it is subjected to vibration while it is being transported.	PASS

Product Front View



Product Rear View



Available Connections



Burn In Test

Test Engineer	Joe Lin	Date	2026/9/3	Stage	Result
				MP	PASS

Test Propose

Test and verify monitor's stability.

Evaluation Environment

Temperature	24±2°C
Relative Humidity	50%±10%(RH)

Evaluation Equipment

Processor	Intel ® Core™ i5-4440 CPU@3.10GHz		
Graphics Card	NVIDIA Quadro K2000D-Driver 392.00		
OS	Windows 7 Professional 32 bit		
Test Equipment	EXTECH AC POWER SOURCE CFW-105		

Evaluation Unit Level

LCD Type	AUO M238HVN01.0
Power Adapter	DIVA DMP5012G
F/W Version	RGD2461AMI-PW 220511R0V01
Main Board	RTD2486
Controller Board	YD & Ever Glory P-CAP
Speaker	2W x2
Interface Option	DVI、DP、VGA、Audio、USB、RS232
Glass	AG P-CAP
Serial Number	D0122390G0002

Test Standard

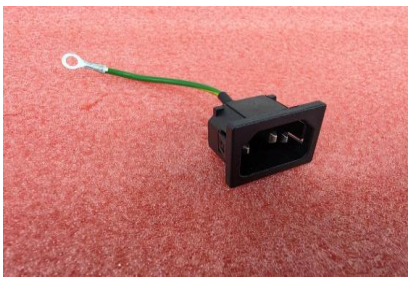
Burn In Test Specification

Criteria

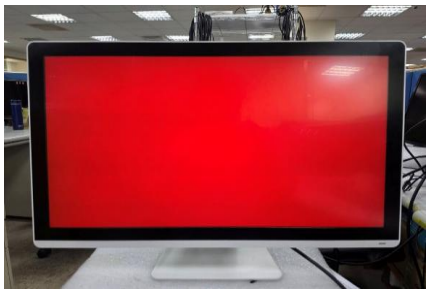
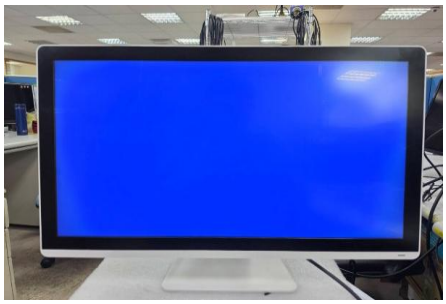
1. No any failure during the test
2. Document everything.

替代料驗證, AC socket,
3KH0007734B -> 3KH0007734C





Burn In Test							
Test Procedure						**Result**	**Note**
1. Confirm set the monitor to burn in mode.						**Pass**	
2. Make sure burn in mode works on monitor.						**Pass**	
3. Burn in test time 24 hours or more.						**Pass**	
4. After test, check the function operate normally.						**Pass**	
Test Condition							
Applied Voltage	110V/60Hz	**Test Pattern**	Burn in pattern	**Test Duration**	24 hours or more		
Function Check						**Before Test**	**After Test**	**Note**
Electronic	OSD Control Function	Auto Setup				**Pass**	**Pass**	
		Brightness				**Pass**	**Pass**	
		Contrast				**Pass**	**Pass**	
		Display				**Pass**	**Pass**	
		Scaling				**Pass**	**Pass**	
		Display				**Pass**	**Pass**	
		Key Lock				**Pass**	**Pass**	
		Audio				**Pass**	**Pass**	
		Power LED				**Pass**	**Pass**	
		Recall				**Pass**	**Pass**	
		OSD System Info Check				**Pass**	**Pass**	
	System	Normal Boot-up				**Pass**	**Pass**	
		Normal Shutdown				**Pass**	**Pass**	
		Normal Reboot				**Pass**	**Pass**	
Led Indicator Check	Check Power Indicator status show Green and operation normal.					**Pass**	**Pass**	
	Check Power Indicator status show Orange and power saving mode.					**Pass**	**Pass**	
	Check Power Indicator status show off and power off mode.					**Pass**	**Pass**	
Image Quality	Check SMPTE TEST PATTERN					**Pass**	**Pass**	
	Check ColorBar TEST PATTERN					**Pass**	**Pass**	
	Check GrayScale TEST PATTERN					**Pass**	**Pass**	
	Check Raster TEST PATTERN					**Pass**	**Pass**	
Power Management	Check Power AC On/Off 10 times					**Pass**	**Pass**	
	Check Power DC On/Off 10 times					**Pass**	**Pass**	
	Check Power Saving On/Off 10 times					**Pass**	**Pass**	

PHOTO OF TEST		
		
		
		

Vibration Test

Test Engineer	Joe Lin	Date	2026/9/4	Stage	Result
				MP	PASS

Test Propose

To evaluate whether the product's functions and appearance are maintained in a stable condition when it is subjected to vibration while it is being transported.

Evaluation Unit Level

Temperature 24±2(ºC)/Humidity 50±10%RH

Evaluation Equipment

Computer	Intel®Core™ i5-3570 CPU@3.40GHz		
Graphics Card	NVIDIA Quadro K2000D		
O.S.	Windows 10 Pro 64bit		

Evaluation Unit Level

LCD Type	AUO M238HVN01.0
Power Adapter	DIVA DMP5012G
F/W Version	RGD2461AMI-PW 220511R0V01
Main Board	RTD2486
Controller Board	YD & Ever Glory P-CAP
Speaker	2W x2
Interface Option	DVI、DP、VGA、Audio、USB、RS232
Glass	AG P-CAP
Serial Number	D0122390G0002

Criteria

1. There should be no damage, wear, deformation, scratches, etc. on the parts , circuit board or the case.
2. At the same time, t here should be no marked change in the positional dimensions, etc. between the parts, which are necessary for assuring product reliability.
3. There should be no trouble with the product's specified functions and performance (particularly pay attention to abnormalities in parts with screws).
4. There should be no risk of electric shock.

A. The product must satisfy the dielectric voltage-withstand test after the vibration test is performed..
Perform this voltage-withstand test at ordinary temperature and humidity.
B. There must be no deformations that cause changes in insulating distances and no scattering of broken components.
C. The standard test finger in the opening test must not touch spots where there is the potential for electric shock or mechanical injury.

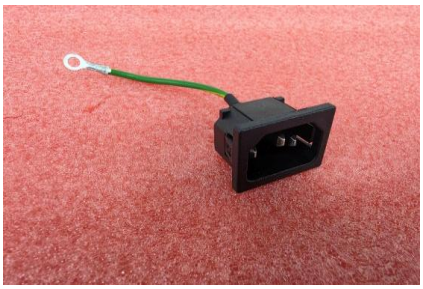
Test Condition：

測試設備:DIVA振動測試機　　測試條件: 30 小時

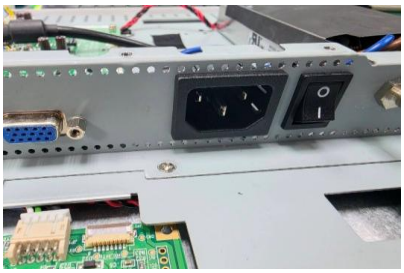
替代料驗證,　　AC socket,

3KH0007734B -> 3KH0007734C





Vibration Test					
Function Check			**Before**	**After**	**Note**
ME	Box	Not General damage	Pass	Pass	
	EPE	Not Separates at the adhesion	Pass	Pass	
	Screw	Screw no fall	Pass	Pass	
	ME parts	Not Color deviation/Dirty, dent and general damage.	Pass	Pass	
Electronic	OSD Control Function	OSD Light Bar Adjust	Pass	Pass	
		Brightness	Pass	Pass	
		Contrast	Pass	Pass	
		Color Mode	Pass	Pass	
		OSD Display	Pass	Pass	
		Recall	Pass	Pass	
		Version (Model Name and F/W Version)	Pass	Pass	
		OSD Information Check	Pass	Pass	
		Touch OSD	Pass	Pass	
	System	Normal Boot-up	Pass	Pass	
		Normal Shutdown	Pass	Pass	
		Normal Reboot	Pass	Pass	
Led Indication Check	Green-> Input signal is stable		Pass	Pass	
	Orange-> Power saving or no signal		Pass	Pass	
Image Quality Check	SMPTE Test Pattern		Pass	Pass	
	ColorBar Test Pattern		Pass	Pass	
	Grayscale Test Pattern		Pass	Pass	
Touch Function Check	USB touch device check		Pass	Pass	
	Confirm USB touch function is normal		Pass	Pass	
	Power On/Off and USB touch normal operation		Pass	Pass	
Audio Function Check	Confirm adjust the volume of the sound at the range from 0 to 100.		Pass	Pass	
	Mute (The mute set / is released)		Pass	Pass	
Power Management	Power AC On/Off Backlight Max 10 times		Pass	Pass	
	Power AC On/Off Backlight Min 10 times		Pass	Pass	
	Power saving on/off 10 times		Pass	Pass	

Vibration Test Before Test		Note
		
		
		

After Test		Note
		
