Product Validation Report

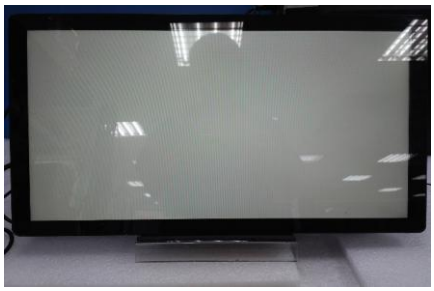
Product Name	**: RGD2761AMII**
Model Name	**: PC270522R**
Product Stage	**: MP**
Product No.	**: 5A2A27235303201**
Revision	**: A**

Prepared By : Joe Lin **Date : 2026/8/5**

Approved By : RongChi **Date : 2026/8/5**

Index & Content			
Part	Test Item	Descriptions	Result
F/W	OSD Function Test	To test and verify all of OSD functions are as intended.	PASS

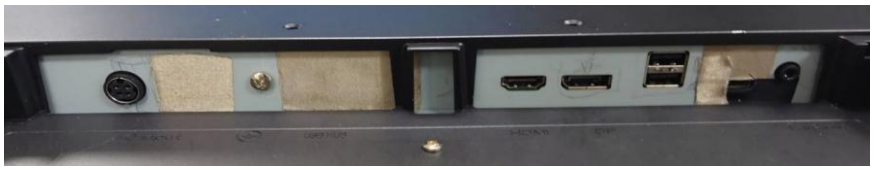
Product Front View



Product Rear View



Available Connections



OSD Function Test

Test Engineer	Joe Lin	Date	2026/8/5	Stage	Result
				MP	PASS

Test Propose

To test and verify all of OSD functions are as intended

Evaluation Environment

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

Evaluation Equipment

Computer	Intel ® Core™ i5-4440 CPU@3.10GHz		
Graphics Card	NVIDIA Quadro K2000D-Driver392.00		
OS	Windows 7 Professional 32 bit		
Test Equipment	EXTECH AC POWER SOURCE CFW-105	N/A	N/A

Evaluation Unit Level

LCD Type	AUO P270HVN01.0
Power Adapter	AC Qisda AW-A1S140V-3
F/W Version	PC270522R-231225R0V01
Main Board	RTD2555
Controller Board	N/A
Speaker	2W x 2
Interface Option	HDMI、USB
Touch Panel Type	N/A
Serial Number	RD250206003

Test Standard

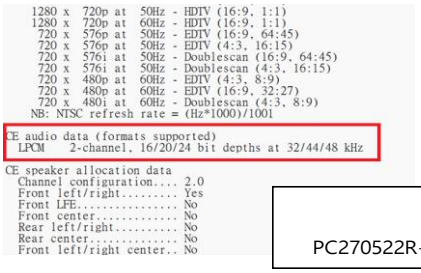
OSD Function Test Specification

Criteria

All the abnormalities found during testing must be documented.
Follow engineering specification for different variation functions.

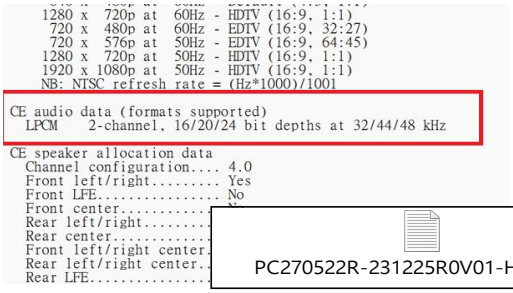
FW:PC270522R-231225R0V01
修正EDID DP、HDMI audio

DP Port

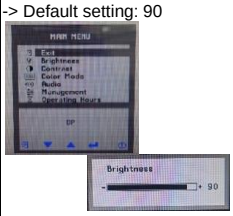
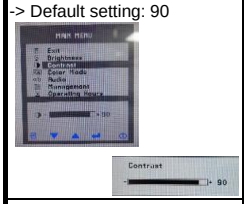
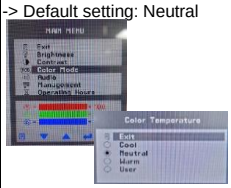
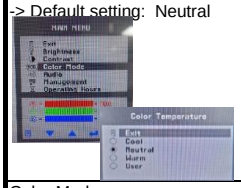
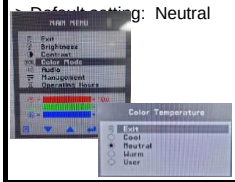
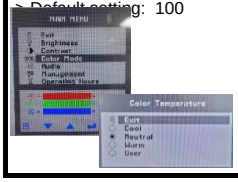


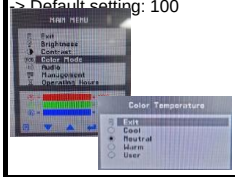
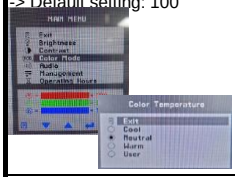
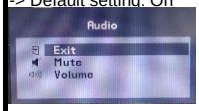
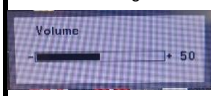
PC270522R-231225R0V01-DP.txt

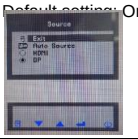
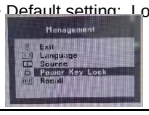
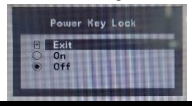
HDMI Port



PC270522R-231225R0V01-HDMI.txt

OSD Detail Function Check				
Test Item	**Description**		**Result**	**Note**
Exit	Check execute Exit function and exit the OSD menu.		Pass	
Brightness -> 0~100 -> Default setting: 90 	1. Confirm tte function allows the user to adjust the brightness setting and adjust range 0 to 100.		Pass	
	2. Confirm adjust "0" should be the darkest brightness, and adjust "100" should be the brightest.		Pass	
	3. Confirm that the adjustment brightness 0 to 100 or 100 to 0 does not have any flicker or abnormal screen.		Pass	
	4. Confirm support signal source brightness function.		Pass	
	5. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	6. Perform steps 1 to 5 for input sources,and check that the screen is normal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Contrast -> 0~100 -> Default setting: 90 	1. Confirm this function allows the user to adjust the contrast setting and adjust range 0 to 100.		Pass	
	2. Confirm adjust '0" should be the darkest contrast and adjust "100" should be the brightest contrast.		Pass	
	3. Confirm support signal source contrast function.		Pass	
	4.Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for input sources,and check that the screen display normal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Color Mode -> Color Temperature -> Cool -> Default setting: Neutral 	1. Confirm select color temp set Cool and preset color temperature of the display setting.		Pass	
	2. Confirm select the color temperature set Cool and observe if the screen color temperature is correct.		Pass	
	3. Confirm support signal source Cool function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for input sources, and check that the screen display nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Color Mode -> Color Temperature -> Neutral -> Default setting: Neutral 	1. Confirm select color temp set Neutral and preset color temperature of the display setting.		Pass	
	2. Confirm select the Color Temperature set Neutral and observe if the screen color temperature is correct.		Pass	
	3. Confirm support signal source Neutral function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for Input Sources,and check that the screen display nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Color Mode -> Color Temperature -> Warm -> Default setting: Neutral 	1. Confirm select color temp set Warm and preset color temperature of the display setting.		Pass	
	2. Confirm select the Color Temperature set Warm and observe if the screen color temperature is correct.		Pass	
	3. Confirm support signal source Warm function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for Input Sources,and check that the screen display nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Color Mode -> Color Temperature -> User -> Red: 0~100 -> Default setting: 100 	1. Confirm user can adjustable color temperature.		Pass	
	2. Confirm adjust red and equivalent colors at the range from 0 to 100. The greater the value is, the deeper the color is, and vice versa.		Pass	
	3. Confirm support signal source User (Red Gain) function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for Input sources,and check that the screen display nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	

OSD Detail Function Check				
Test Item	**Description**		**Result**	**Note**
Color Mode -> Color Temperature -> User -> Green: 0~100 -> Default setting: 100 	1. Confirm user can adjustable color temperature.		Pass	
	2. Confirm adjust green and equivalent colors at the range from 0 to 100. The greater the value is, the deeper the color is, and vice versa.		Pass	
	3. Confirm support signal source User (Green Gain) function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for Input sources,and check that the screen display nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Color Mode -> Color Temperature -> User -> Blue: 0~100 -> Default setting: 100 	1. Confirm user can adjustable color temperature.		Pass	
	2. Confirm adjust blue and equivalent colors at the range from 0 to 100. The greater the value is, the deeper the color is, and vice versa User can adjust and set tones.		Pass	
	3. Confirm support signal source User (Blue Gain) function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Perform steps 1 to 4 for Input sources,and check that the screen display nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Audio -> Mute -> On/Off -> Default setting: On  	1. Confirm select Mute and control the audio sound of monitor.		Pass	
	2. Confirm Mute select on and audio sound no output.		Pass	
	3. Confirm Mute select off and audio sound normal output.		Pass	
	4. Confirm support signal source mute function.		Pass	
	5. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	6. Perform steps 1 to 5 for input sources,and confirm that the audio function is nornal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Audio -> Volume -> 0~100 -> Default setting: 50 	1. Confirm adjust the volume of the audio output of the display setting and at the range from 0 to 100.		Pass	
	2. Confirm that there is no break or other abnormality in the volume adjustment process.		Pass	
	3. Confirm support signal source volume function.		Pass	
	4. Confirm that the default value is not returned when AC/DC On/Off is executed, and the default setting is returned when Recall is executed.		Pass	
	5. Test support input sources and AC On/Off , DC On/Off and Recall, make sure the audio sound is normal.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Language -> English -> Default setting: English 	1. Confirm select English and display OSD Menu in English.		Pass	
	2. Confirm support signal source English function.		Pass	
	3. Confirm that OSD interface message box translations are correct.		Pass	
	4. Confirm that the language that stays in the user's choice when Recall is executed.		Pass	
	5. Test support input sources and AC/DC On/Off and Recall accroding step 1~5.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Language -> Francais -> Default setting: English 	1. Confirm select Francais and display OSD Menu in Francais.		Pass	
	2. Confirm support signal source Francais function.		Pass	
	3. Confirm that OSD interface message box translations are correct.		Pass	
	4. Confirm that the language that stays in the user's choice when Recall is executed.		Pass	
	5. Test support input sources and AC/DC On/Off and Recall accroding step 1~5.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Language -> Deutsch -> Default setting: English 	1. Confirm select Deutsch and display OSD Menu in Deutsch.		Pass	
	2. Confirm support signal source Deutsch function.		Pass	
	3. Confirm that OSD interface message box translations are correct.		Pass	
	4. Confirm that the language that stays in the user's choice when Recall is executed.		Pass	
	5. Test support input sources and AC/DC On/Off and Recall accroding step 1~5.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	

OSD Detail Function Check				
Test Item	**Description**		**Result**	**Note**
Management -> Language -> Italiano -> Default setting: English 	1. Confirm select Italiano and display OSD Menu in Italiano.		Pass	
	2. Confirm support signal source Italiano function.		Pass	
	3. Confirm that OSD interface message box translations are correct.		Pass	
	4. Confirm that the language that stays in the user's choice when Recall is executed.		Pass	
	5. Test support input sources and AC/DC On/Off and Recall accroding step 1~5.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Language -> Espanol -> Default setting: English 	1. Confirm select Espanol and display OSD Menu in Espanol.		Pass	
	2. Confirm support signal source Espanol function.		Pass	
	3. Confirm that OSD interface message box translations are correct.		Pass	
	4. Confirm that the language that stays in the user's choice when Recall is executed.		Pass	
	5. Test support input sources and AC/DC On/Off and Recall accroding step 1~5.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Language -> ニホンゴ -> Default setting: English 	1. Confirm select ニホンゴ and display OSD Menu in Japanese.		Pass	
	2. Confirm support signal source Japanese function.		Pass	
	3. Confirm that OSD interface message box translations are correct.		Pass	
	4. Confirm that the language that stays in the user's choice when Recall is executed.		Pass	
	5. Test support input sources and AC/DC On/Off and Recall accroding step 1~5.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Source -> Auto Source -> On/Off -> Default setting: On 	1. Confirm select Auto Source set On and enable or Disable the Auto Select function of the display setting.		Pass	
	2. Confirm that Auto source is set to off, only the specified input signal will display the screen, and the input signal will not be automatically searched.		Pass	
	3. Confirm support signal source Auto Source function.		Pass	
	4. Confirm that Auto Source that stays in the user's choice when Recall is executed.		Pass	
Management -> Source -> HDMI 	1. Confirm display signal from HDMI connector and display normal.		Pass	
	2. Confirm switch other source that are not input, confirm that you can automatically switch or show " No Signal ".		Pass	
	3. Confirm support signal source switch HDMI source function.		Pass	
	4. Confirm that the HDMI screen display normal when AC/DC On/Off and Recall are executed.		Pass	
	5. Perform steps 1 to 4 for all Input Sources,and confirm that the screen display normal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Source -> DP 	1. Confirm display signal from DP connector and display normal.		Pass	
	2. Confirm switch other source that are not input, confirm that you can automatically switch or show " No Signal ".		Pass	
	3. Confirm support signal source switch HDMII source function.		Pass	
	4. Confirm that the DP screen display normal when AC/DC On/Off and Recall are executed.		Pass	
	5. Perform steps 1 to 4 for all Input Sources,and confirm that the screen display normal in the AC/DC On/Off and Recall states.	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Power Key Lock -> Locked -> Default setting: Locked 	1. Confirm Power Key Lock set Locked and avoid accidentally DC power off the monitor.		Pass	
	2. Confirm support signal source Power Key Lock-> Locked function.		Pass	
	3. Confirm that the screen display normal when AC/DC On/Off and Recall are executed.		Pass	
	4. Test support input sources and AC On/Off ,and Recall, make sure the screen display normal .	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	
Management -> Power Key Lock -> Unlocked -> Default setting: Locked 	1.Confirm Power Key Lock set Unlocked and users to Disable the DC power key function of the display setting.		Pass	
	2.Confirm support signal source Power Key Lock-> Unlocked function.		Pass	
	3. Confirm that the screen display normal when AC/DC On/Off and Recall are executed.		Pass	
	4. Test support input sources and AC On/Off , DC On/Off and Recall, make sure the screen display normal .	AC On/Off	Pass	
		DC On/Off	Pass	
		Recall	Pass	

OSD Detail Function Check				
Test Item	**Description**		**Result**	**Note**
Management -> Recall 	1. Confirm execute Recall and the monitor setting back to factory default settings.		**Pass**	
	2. Confirm support signal source Recall function.		**Pass**	
	3. Confirm that the screen is normal when AC/DC On/Off and Recall are executed.		**Pass**	
	4. Perform steps 1 to 3 for input sources, and confirm that the screen display normal in the AC/DC On/Off and Recall states.	AC On/Off	**Pass**	
		DC On/Off	**Pass**	
		Recall	**Pass**	
Management -> Operating Hours 	1. Check keep records of the monitor operating hours.		**Pass**	
	2. Check support signal source Operating Hours function.		**Pass**	