Product Verification Report

Product Name	**: RUP2732CMI**
Model Name	**: RUP2732CMI**
Product Stage	**: MP**
Product No.	**: 1A1C27260112200**
Revision	**: 0**

Prepared By ： _Jack Lu_ **Date：2026/06/03**

Approved by ： Rongchi_Liao **Date：2026/06/03**

Index & Content			
Part	Test Item	Descriptions	Result
F/W	1. Calibration Test	Check and verify calibration software functions are properly. Criteria: 1. No any malfunctions 2. Record all the abnormality	PASS
F/W	2. Characteristic Test	All optical characteristic must be within engineering and product spec. Criteria: 1. Brightness value must be greater than the minimum panel specification. 2. RGB value must be within≦±0.03. 3. Color Temperature(6800K)(x, y): (0.308±0.01 ; 0.325±0.01) 4. Follow Panel Spec/ Engineering Spec/Product Spec.	PASS
F/W	3. EDID Burning Test	Check that using the EDID burning tool and enabling DIVA Factory Automatic, the EDID Tool burning process works normally. Criteria: 1. No any malfunctions. 2. Record all the abnormality.	PASS

1. Calibration Test

Test Engineer	Jack Lu	Date	2026/6/1	Stage	Result
				MP	PASS

Test Propose

Check and verify calibration software functions are properly.

Evaluation Environment

Temperature	25ºC±2ºC
Reltative Humidity	50%±10%(RH)

Evaluation Equipment

Processor	Intel ® Core™ i5-6400 CPU @ 2.7GHz		
Graphics Card	NVIDIA GeForce GTX1080 -Driver 388.13		
O.S.	Windows 10 Pro - 64bit		
Test Equipment	KONICA Color Display Analyzer CA-410	N/A	N/A
Test Software	DIVA Factory Automatic Tool V 0.0.1.4	N/A	N/A

Stage Description

Description Of Change	DIVA Factory Automatic Tool V 0.0.1.4 Verification. 1. Calibration using the CA-410. 2. EDID burning function.

Evaluation Unit Level

LCD Module	IINNOLUX type: INX R270KCJ-L03
F/W Version	260602R0V01
Power Board	PSU (24V10.41A,MDS-250APB24 AB,IC133 ST) (3ZAD24V1112)
Front Sensor Board	2AAD536R03V
Key Board	2AAD464R037
Main Board	2AAD536R138
USB Hub Board	2AAD462R03U
USB Type A Board	2AAD462R33U
Led Driver Board	2AAD482R03Q
Interface Signal	DVI/DP
Serial Number	D082308070008

Test Standard

Calibration Software Test Specification

Criteria

1. No any malfunctions.
2. Record all the abnormality.

Calibration Test

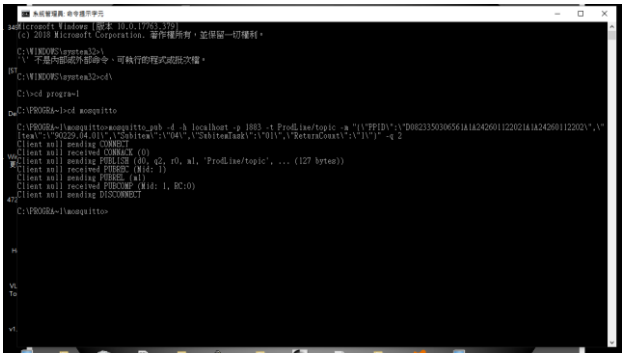
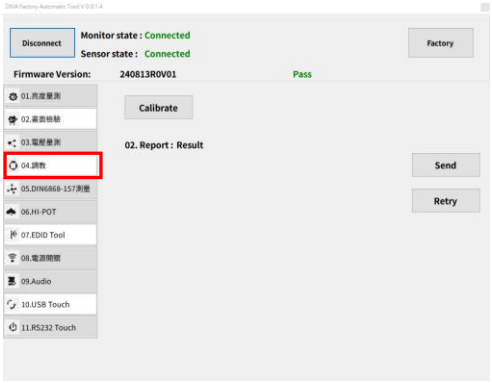
Test Procedure	Result	Note
1. Confirm burn in more than 30min.	Pass	
2. Confirm execute commands in Windows 10 OS system administrator	Pass	
3. Confirm execute DIVA Factory Automatic Tool V 0.0.1.4 and placed the CA-410 the center of the monitor to check test result.	Pass	
3. Confirm by pressing Calibration and then confirm the pop-up of DIVA Calibration Tool V 0.3.2.7 and select connect..	Pass	
4. After the Calibration Test, function check and confirm calibration results.	Pass	

Test Condition

Measure Sensor	Color Display Analyzer CA-410	Calibration Software	DIVA Factory Automatic Tool V 0.0.1.4	Resolution	2560x1440/60Hz(DVI)

Function Check			Verification	Result	Note
DIVA Calibration Tool V 0.3.2.7	Calibration Item	ALS 350	352.48162	Pass	
		ALS 250	251.84846	Pass	
		ALS 300	302.092288	Pass	
		ALS 400	400.35737	Pass	
		DICOM 1 + 6809K	1.890729277	Pass	
		DICOM 2 + 6809K	2.023491755	Pass	
		DICOM 3 + 6809K	1.974366009	Pass	
		DICOM 4 + 6809K	1.997588477	Pass	
		Calibration + 6809K	1.82908906	Pass	
		TG3-PMS + 6809K	1.476709022	Pass	
		DICOM 1 + 6809K + 256 Curve	GSDF Deviation:<10%	Pass	
		DICOM 2 + 6809K + 256 Curve	GSDF Deviation:<10%	Pass	
		DICOM 3 + 6809K + 256 Curve	GSDF Deviation:<10%	Pass	
		DICOM 4 + 6809K + 256 Curve	GSDF Deviation:<10%	Pass	
		CAL DICOM + 6809K + 256 Curve	GSDF Deviation:<10%	Pass	
		TG3-PMS + 6809K + 256 Curve	GSDF Deviation:<10%	Pass	

PHOTO OF TEST

Before Test	Before Test (1)	Note
		

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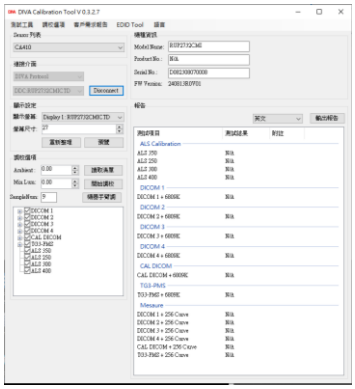		

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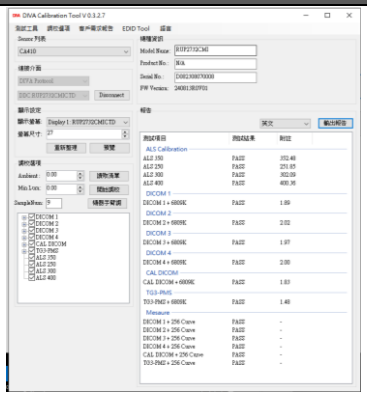
		

PHOTO OF TEST

DIVA Calibration Test Result	Note

DIVA Calibration Report

Calibrate Date:	2026/07/03 09:36:06 - 2026/07/03 09:49:10		
Measuring Device:	CA410 , CA-P427 , 81003352		
Model Name:	RUP2732CMI	Serial Number:	D082308070008
Firmware Version:	260602R0V01	Software Version:	0.3.2.7

Summary

Calibration Item	Verification	Result:
ALS 350	352.48162	PASS
ALS 250	251.84846	PASS
ALS 300	302.09288	PASS
ALS 400	400.35737	PASS
DICOM 1 + 6809K	1.890729277	PASS
DICOM 2 + 6809K	2.023491775	PASS
DICOM 3 + 6809K	1.974366009	PASS
DICOM 4 + 6809K	1.997588477	PASS
CAL DICOM + 6809K	1.82908906	PASS
TG3-PMS + 6809K	1.476709022	PASS
DICOM 1 + 6809K + 256 Curve	-	PASS
DICOM 2 + 6809K + 256 Curve	-	PASS
DICOM 3 + 6809K + 256 Curve	-	PASS
DICOM 4 + 6809K + 256 Curve	-	PASS
CAL DICOM + 6809K + 256 Curve	-	PASS
TG3-PMS + 6809K + 256 Curve	-	PASS

2. Characteristic Test

Test Engineer	Jack Lu	Date	2026/6/1~2026/6/2	Stage	Result
				MP	PASS

Test Propose

All optical characteristic must be within engineering and product spec.

Evaluation Unit Level

Temperature	25°C±2°C
Reltative Humidity	50%±10%(RH)

Evaluation Equipment

Processor	Intel ® Core™ i5-6400 CPU @ 2.7GHz		
Graphics Card	NVIDIA GeForce GTX1080 -Driver 388.13		
O.S.	Windows 10 Pro - 64bit		
Test Equipment	KONICA Color Display Analyzer CA-410	N/A	N/A
Test Software	DIVA Factory Automatic Tool V 0.0.1.4	N/A	N/A

Stage Description

Description Of Change	DIVA Factory Automatic Tool V 0.0.1.4 Verification. 1. Calibration using the CA-410. 2. EDID burning function.

Evaluation Unit Level

LCD Module	IINNOLUX type: INX R270KCJ-L03
F/W Version	260602R0V01
Power Board	PSU (24V10.41A,MDS-250APB24 AB,IC133 ST) (3ZAD24V1112)
Front Sensor Board	2AAD536R03V
Key Board	2AAD464R037
Main Board	2AAD536R138
USB Hub Board	2AAD462R03U
USB Type A Board	2AAD462R33U
Led Driver Board	2AAD482R03Q
Interface Signal	DVI/DP
Serial Number	D082308070008

Test Standard

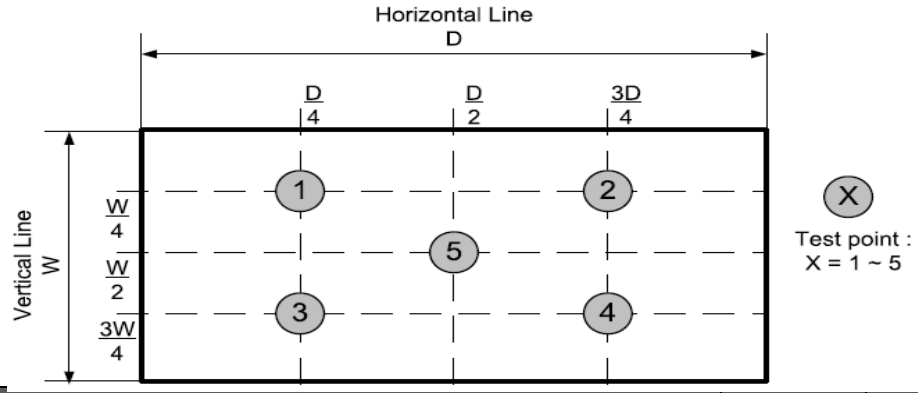
Characteristic Test Specification / INX R270KCJ-L03 Panel Specification

Criteria

1. Brightness value must be greater than the minimum panel specification.
2. RGB value must be within≦±0.03.
3. Color Temperature(6800K)(x, y): (0.308±0.01 ; 0.325±0.01)
4. Follow Panel Spec/Engineering Spec/Product Spec.

Optical Characteristics Test

Characteristic Test



Test Procedure	Result	Note
1. Burn in more than 30 min.	Pass	
2. Confirm adjust OSD settings : Brightness→ MAX., Display Function→ NATIVE.	Pass	
3. Confirm open Full white pattern,and the Color Display Analyzer CA-410 to measure the screen five points.	Pass	
4. Record the x, y, and Y values of five points.	Pass	
5. Check that the characteristic meet the specifications.	Pass	

Test Condition

Applied Voltage	110V/60Hz	Input Source	DVI	Resolution	2560x1440/60Hz
Brightness	MAX.	Display Function	NATIVE MODE	Color Temp.	6800K
Measure Sensor	CA-410	Measure Pattern	White Pattern/Black Pattern		

Test Spec

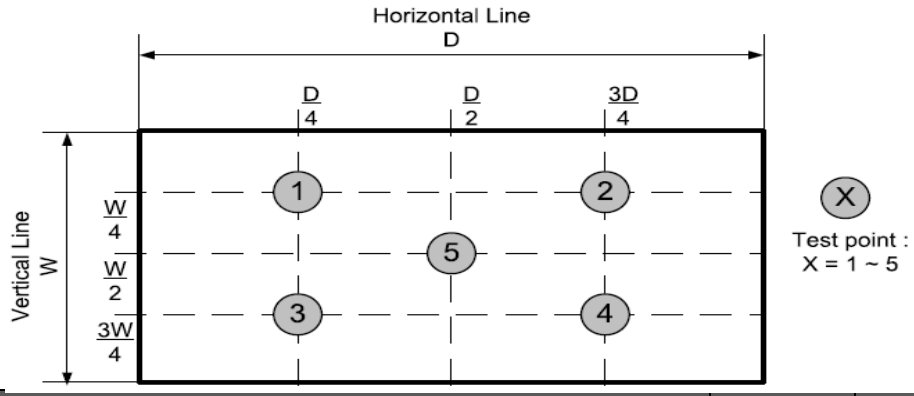
White Luminance (Center of screen)	400cd/m²(Min), 500cd/m²(Typ)
Contrast Ratio (Center of screen)	700(Min), 1000(Typ)

Measurement Record

Condition	Position	Measure Data			Result	Note
		x	y	Y		
White Pattern Brightness: MAX. Display Function: NATIVE	Up-Left Corner	0.2889	0.3142	502.41	Pass	Unit: cd/m²
	Up-Right Corner	0.2878	0.3112	525.19	Pass	Unit: cd/m²
	Center	0.2875	0.3112	528.84	Pass	Unit: cd/m²
	Down-Left Corner	0.2905	0.3166	488.57	Pass	Unit: cd/m²
	Down-Right Corner	0.2893	0.3140	478.46	Pass	Unit: cd/m²
Black Pattern	Center	0.2469	0.2571	0.39	Pass	Unit: cd/m²

Measurement Conclusion	Measure Data	Result	Note
Contrast Ratio (Center of screen)	1356.0	Pass	
White Luminance (Center of screen)	528.84	Pass	Unit: cd/m²

RGB Characteristic Test



Test Procedure	Result	Note
1. Burn in more than 30 min.	Pass	
2. Confirm adjust OSD settings : Brightness-> 350cd/m², Display Function-> CAL.DICOM.	Pass	
3. Confirm open Red/Green/Blue/White pattern, and the Color Display Analyzer CA-410 to measure the screen five points.	Pass	
4. Record the Red(x, y), Green(x, y) Blue(x, y) and White(x, y) values of five points.	Pass	
5. Check that the x and y values meet the panel spec range.	Pass	

Test Condition

Applied Voltage	110V/60Hz	Test Software	DIVA Measure Tool	Resolution	2560x1440/60Hz
Brightness	350cd/m²	Display Function	CAL.DICOM	Color Temp.	6800K
Input Source Settings	DVI	Measure Sensor	CA-410	Measure Pattern	Red/Green/Blue/White screen

Test Spec

Color Coordinates	x , y	Spec(-0.03)	x	Spec(+0.03)	Spec(-0.03)	y	Spec(+0.03)
Red x , Red y	Rx , Ry	0.648	0.678	0.708	0.280	0.310	0.340
Green x , Green y	Gx , Gy	0.237	0.267	0.297	0.653	0.683	0.713
Blue x , Blue y	Bx ,By	0.116	0.146	0.176	0.026	0.056	0.086
White x , White y	Wx , Wy	0.283	0.313	0.343	0.299	0.329	0.359

Measurement Record

Color Coordinates	Position		Measure Data			Result	Note
			x	y	Y		
Red x : 0.678±0.03 Red y : 0.310±0.03	Red	Up-Left Corner	0.6710	0.3136	80.08	Pass	Unit: cd/m²
		Up-Right Corner	0.6704	0.3135	79.56	Pass	Unit: cd/m²
		Center	0.6704	0.3137	77.92	Pass	Unit: cd/m²
		Down-Left Corner	0.6711	0.3140	71.63	Pass	Unit: cd/m²
		Down-Right Corner	0.6708	0.3137	68.54	Pass	Unit: cd/m²
Color Coordinates	**Position**		**Measure Data**			**Result**	**Note**
			x	**y**	**Y**		
Green x: 0.267±0.03 Green y: 0.683±0.03	Green	Up-Left Corner	0.2616	0.6746	253.79	Pass	Unit: cd/m²
		Up-Right Corner	0.2616	0.6736	259.29	Pass	Unit: cd/m²
		Center	0.2610	0.6746	252.91	Pass	Unit: cd/m²
		Down-Left Corner	0.2614	0.6755	227.58	Pass	Unit: cd/m²
		Down-Right Corner	0.2616	0.6747	221.46	Pass	Unit: cd/m²
Color Coordinates	**Position**		**Measure Data**			**Result**	**Note**
			x	**y**	**Y**		
Blue x: 0.146±0.03 Blue y: 0.056±0.03	Blue	Up-Left Corner	0.1509	0.0466	21.41	Pass	Unit: cd/m²
		Up-Right Corner	0.1509	0.0459	21.98	Pass	Unit: cd/m²
		Center	0.1507	0.0463	21.65	Pass	Unit: cd/m²
		Down-Left Corner	0.1504	0.0477	18.58	Pass	Unit: cd/m²
		Down-Right Corner	0.1506	0.0467	18.63	Pass	Unit: cd/m²
Color Coordinates	**Position**		**Measure Data**			**Result**	**Note**
			x	**y**	**Y**		
White x: 0.313±0.03 White y: 0.329±0.03	White	Up-Left Corner	0.3096	0.3266	355.26	Pass	Unit: cd/m²
		Up-Right Corner	0.3066	0.3226	358.93	Pass	Unit: cd/m²
		Center	0.3064	0.3229	351.71	Pass	Unit: cd/m²
		Down-Left Corner	0.3122	0.3307	317.54	Pass	Unit: cd/m²
		Down-Right Corner	0.3088	0.3261	300.76	Pass	Unit: cd/m²

Color Temperature Test

Test Procedure	Result	Note
1. Burn in more than 30 min.	Pass	
2. Confirm OSD settings: Brightness-> 350cd/m², Display Function-> DICOM1/DIOCM2/DICOM3/DIOCM4/CAL.DICOM/PMS-TG3.	Pass	
3. Confirm open White pattern, and the Color Display Analyzer CA-410 to measure the screen center point.	Pass	
4. Record x, y and Y values for different color temperatures.	Pass	
5. Check that the x and y values meet the product spec range.	Pass	

Test Condition

Applied Voltage	110V/60Hz	Test Software	DIVA Measure Tool v2.0.8.10	Resolution	2560x1440/60Hz
Measure Sensor	CA-410	Brightness	350cd/m²	Input Source Settings	DVI
Display Function	DICOM1/DICOM2/DICOM3/DICOM4/CAL.DICOM/PMS-TG3				

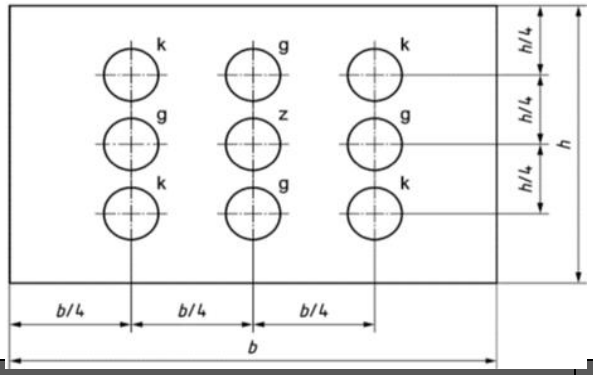
Test Spec

Color Temperature	x , y	Spec(-0.01)	x	Spec(+0.01)	Spec(-0.01)	y	Spec(+0.01)
6800K	x , y	0.298	0.308	0.318	0.315	0.325	0.335

Measurement Record

Display Function	Position	Measure Data			Result	Note
		x	y	Y		
DICOM1	Center	0.3060	0.3225	348.04	Pass	
DICOM2	Center	0.3060	0.3225	348.13	Pass	
DICOM3	Center	0.3061	0.3225	348.34	Pass	
DICOM4	Center	0.3061	0.3226	349.08	Pass	
CAL.DICOM	Center	0.3060	0.3225	350.36	Pass	
PMS-TG3	Center	0.3061	0.3225	350.24	Pass	

Luminance Uniformity DIN6868-157 Test



Test Procedure	Result	Note
1. Burn in more than 30 min.	Pass	
2. Confirm adjust OSD settings (Brightness: 350cd/m² , Display Function: CAL.DICOM)	Pass	
3. Confirm execute Measure Tool Uniformity DIN 6868-157 function and the Color Display Analyzer CA-410 to measure 9 points.	Pass	
4. Check that the luminance uniformity DIN6868-157 meet the spec range. (H< 25%)	Pass	

Test Condition

Measure Sensor	X-RiteiOne	**Test Software**	DIVA Measure Tool v2.0.8.10	**Resolution**	2560x1440/60Hz
Color Temp.	6800K	**Brightness**	350cd/m²	**Display Function**	CAL.DICOM
Input Source Settings	DVI	**Measure Pattern**	10%/80% Luminance (9 points)		

Test Spec

Luminance Uniformity DIN6868-157	H< 25% (9-points, 10%/80% Luminance)

Measurement Record

Pattern	10% Luminance						Result	Pass
1	2	3	4	5	6	7	8	9
2.36	2.66	2.58	2.28	2.59	2.50	2.30	2.47	2.41
Luminance Uniformity	**15.63**							
Pattern	80% Luminance						Result	Pass
1	2	3	4	5	6	7	8	9
197.43	219.77	211.21	192.30	212.06	205.14	191.84	202.27	194.83
Luminance Uniformity	**13.57**							

Stabilized Brightness Test

Test Procedure	Result	Note
1. Burn in more than 30 min.	Pass	
2. Confirm adjust OSD settings.	Pass	
3. Confirm open White pattern, and the the Color Display Analyzer CA-410 to measure the screen center point.	Pass	
4. Record x, y and Y values for different color temperatures.	Pass	
5. Check that the x and y values match the product spec range.	Pass	

Test Condition

Measure Sensor	CA-410	Test Software	DIVA Measure Tool v2.0.8.10	Resolution	2560x1440/60Hz
Color Temp.	6800K	Brightness	250/300/350/400cd/m²	Input Source Settings	DVI
Display Function	DICOM1/DICOM2/DICOM3/DICOM4/CAL.DICOM/PMS-TG3/NATIVE MODE				

Test Spec

Test Item	Spec(-5%)	Luminance	Spec(+5%)
Brightness: 250cd/m²	237.5cd/m²	250cd/m²	262.5cd/m²
Brightness: 300cd/m²	285cd/m²	300cd/m²	315cd/m²
Brightness: 350cd/m²	332.5cd/m²	350cd/m²	367.5cd/m²
Brightness: 400cd/m²	380cd/m²	400cd/m²	420cd/m²

Measurement Record

Brightness	Display Function							Result
	NATIVE MODE	DICOM1	DICOM2	DICOM3	DICOM4	CAL.DICOM	PMS-TG3	
250cd/m²	N/A	N/A	N/A	N/A	N/A	246.45	N/A	Pass
300cd/m²	N/A	N/A	N/A	N/A	N/A	304.98	N/A	Pass
350cd/m² (Dsfault)	366.7	349.62	349.04	349.33	349.68	352.32	350.31	Pass
400cd/m²	N/A	N/A	N/A	N/A	N/A	401.83	N/A	Pass

3. EDID Burning Test

Test Engineer	Jack Lu	Date	2026/6/8	Stage	Result
				MP	PASS

Test Propose

Check that using the EDID burning tool and enabling DIVA Factory Automatic, the EDID Tool burning process works normally.

Evaluation Environment

Temperature	25ºC±2ºC
Reltative Humidity	50%±10%(RH)

Evaluation Equipment

Processor	Intel ® Core™ i5-6400 CPU @ 2.7GHz		
Graphics Card	NVIDIA GeForce GTX1080 -Driver 388.13		
O.S.	Windows 10 Pro - 64bit		
Test Equipment	EDID Burning Tool	N/A	N/A
Test Software	DIVA Factory Automatic Tool V 0.0.1.4	N/A	N/A

Stage Description

Description Of Change	DIVA Factory Automatic Tool V 0.0.1.4 Verification. 1. Calibration using the CA-410. 2. EDID burning function.

Evaluation Unit Level

LCD Module	IINNOLUX type: INX R270KCJ-L03
F/W Version	260602R0V01
Power Board	PSU (24V10.41A,MDS-250APB24 AB,IC133 ST) (3ZAD24V1112)
Front Sensor Board	2AAD536R03V
Key Board	2AAD464R037
Main Board	2AAD536R138
USB Hub Board	2AAD462R03U
USB Type A Board	2AAD462R33U
Led Driver Board	2AAD482R03Q
Interface Signal	DVI/DP
Serial Number	D082308070008

Test Standard

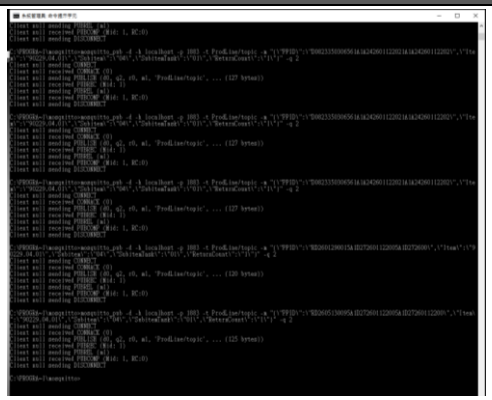
Calibration Software Test Specification

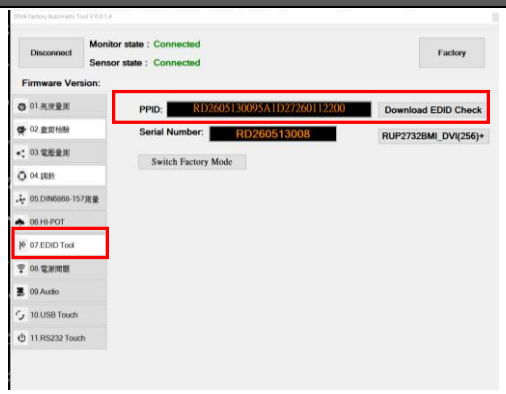
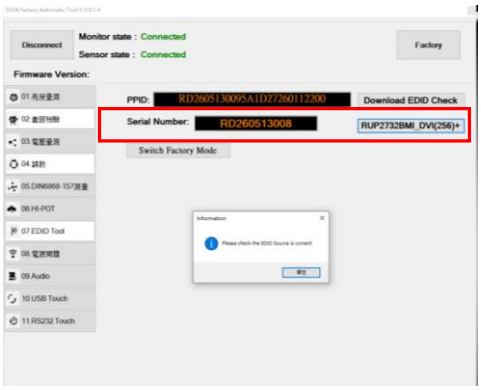
Criteria

1. No any malfunctions.
2. Record all the abnormality.

EDID Burning Test						
Test Procedure					**Result**	**Note**
1. Confirm burn in more than 30min.					**Pass**	
2. Confirm the EDID Burning Tool connect the signal cable, USB cable, and Power Card to the PC and monitor.					**Pass**	
3. Confirm execute DIVA Factory Automatic Tool V 0.0.1.4 and select EDID Tool.					**Pass**	
4. Confirm select Download EDID Check and start EDID burning.					**Pass**	
5. After the test, check that execute AC Off/On and open the OSD menu to confirm that the product serial number is correct.					**Pass**	
Test Condition						
EDID Software	DIVA Factory Automatic Tool V 0.0.1.4	**Resolution**	2560x1440/60Hz(DP)			
Function Check					**Result**	**Note**
DIVA Factory Automatic Tool V 0.0.1.4 For EDID Tool	EDID Information Check	Check Model Name Information			**Pass**	
		Check FW Version Information			**Pass**	
		Check AC Power Off/On and Confirm Serisl Number Information			**Pass**	

PHOTO OF TEST

Before Test	Before Test (1)	Note
		

Test Condition	Test Condition (1)	Note
		

After Test		Note
