

可靠度試驗報告

Reliability Test Report

試驗項目	Environment Test	測試品	VS2101	Record No.	QRP-0203-02We
<i>Test Item</i>	<i>(Operating Temperature Test)</i>	<i>E.U.T.</i>		<i>Issuing Date</i>	08/08/2002

1. Purpose:

To test if **VS2101** can normally work under severe environment including high temperature high humidity & low temperature.

2. Test Duration:

07/29/2002 pm3:50 08/07/2002 pm5:50.

3. Equipment:

3-1. Temperature & Humidity Chamber:

- a. Brand: **Giant Force**.
- b. Model No.: **GTH-800-20-1P**.
- c. Serial No.: **MMA0007-002**.
- d. Calibration: **SGS (ECCC 0642801, As picture)**

檢驗合格	
儀器編號	QA-017
儀器名稱	恆溫恆濕箱
檢驗日期	99.10.2
下次校日	99.10.2
檢驗人	林宜昌

SGS	機型: GTH-800-20-1P
	機號: MA0007-002
	報告號碼: ECCC0642801
	校驗日期: 2001/10/2
	校驗人: 丁中明

3-2. HUB:

- a. Brand: **D-Link**.
- b. Model No.: **DES-1008D**.

3-3. Personal Computer:

- a. Operation System: **MicroSoft Windows 2000 Professional**.
- b. Internet Explorer: **MicroSoft Internet Explorer 5**.

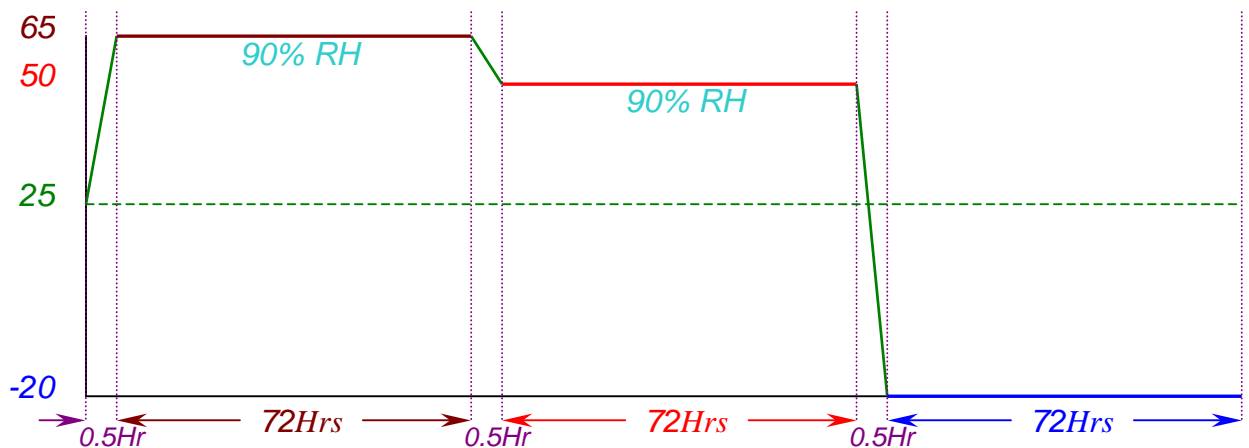
3-4. Video Pattern Generator.

3-5. Switching Power Supply.

4. Test Condition:

4-1. Working temperature test:

+65 , 90% RH, 72Hrs. **+50** , 90%RH, 72Hrs. **-20** , 72Hrs.



4-2. Power supply: **12V DC**.

4-3. Test approach:

- a. Connect product & PC with hub
- b. Use browser to monitor if the image is normally received.

可靠度試驗報告

Reliability Test Report

試驗項目	Environment Test	測試品	VS2101	Record No.	QRP-0203-02We
<i>Test Item</i>	<i>(Operating Temperature Test)</i>	<i>E.U.T.</i>		<i>Issuing Date</i>	08/08/2002

5. Gauge:

To check if the network function of VS2101 works normally during the process.

6. Sample Quantity:

2 PCs. (0002D1100257 & 0002D11002BB)

7. Result: PASSED!

Performance of the E.U.T. is within acceptable range and hardware is undamaged. So the Operation Temperature of VS2101 meets requirement.

Date	07/29		07/30		07/31		08/01		08/02		08/05		08/06		08/07	
	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
Serial Number																
Check time <i>hh:mm</i>	4:22	9:55	3:40	9:16	1:09	10:58	3:26	9:39	1:59	8:39	3:12	9:13	2:13	8:57	5:53	
Temperature	65.8	65.0	65.0	65.0	65.0	65.0	65.0	50.0	50.0	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0	
Humidity %	90.0	89.9	89.9	90.0	89.9	89.9	89.9	90.0	89.9							
0002D1100257																
0002D11002BB																

: Consistently normal function.

✓: Interruption, Post - Connection OK.

: Interruption, Post - Connection fail, But OK in room temperature.

: Fail both in test Environment & room temperature.

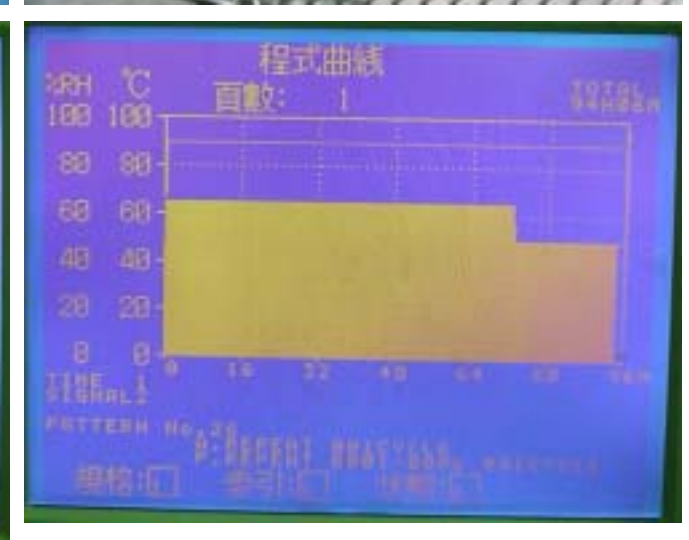
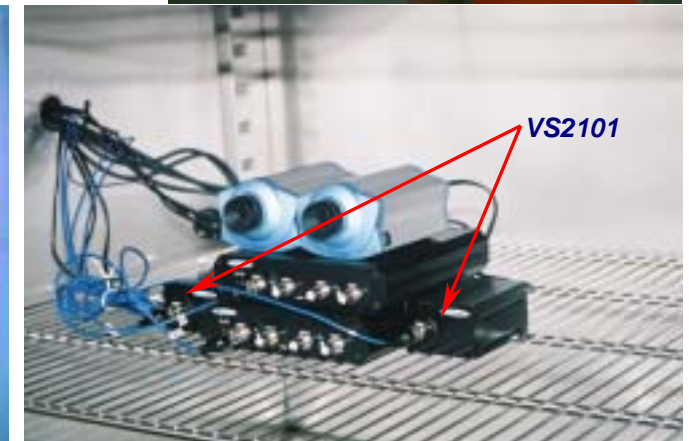
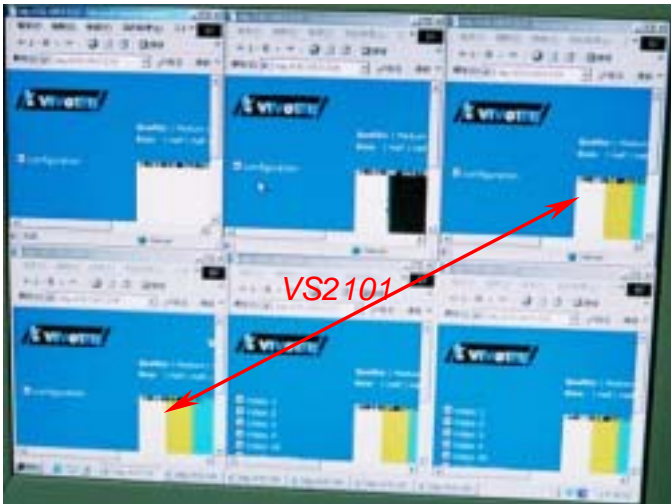
8. Attachment:

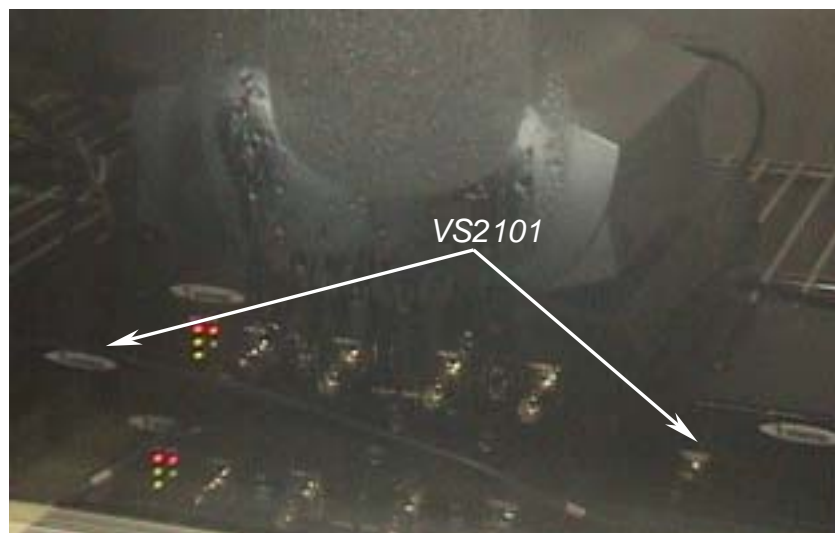
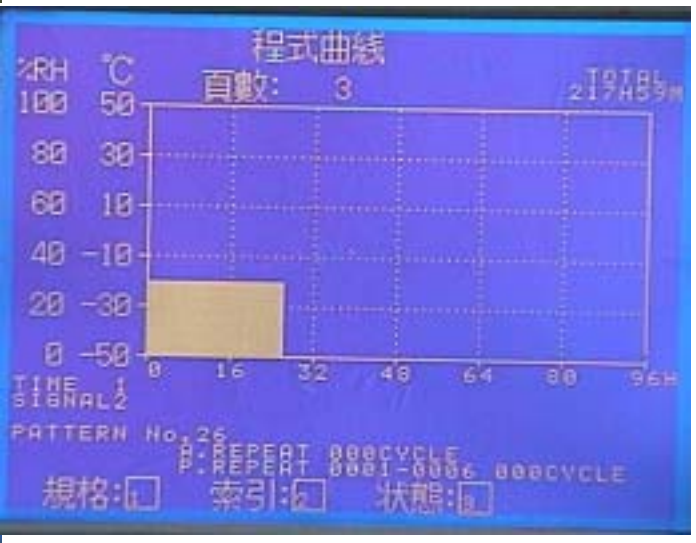
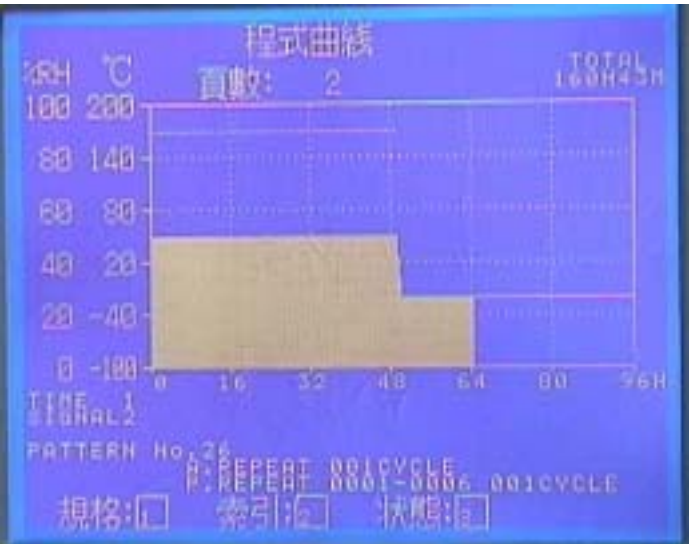
8-1. Environment of the E.U.T. (See attachment)

8-2. Operating Temperature Test Record. (QRP-0201-05Cre)

Approved by : _____
Eddy Lan

Tested by : _____
George Fang





Operating Temperature Test Record



Quality Assurance Center

Serial Number	Date 07/29		07/30		07/31		08/01		08/02		08/05		08/06		08/07		08/08
	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	
Check Time (hh:mm)	4:22	7:58	3:20	9:16	1:09	10:48	3:26	7:38	1:48	8:37	3:12	5:13	2:13	8:27	5:50		
Temperature (°C)	65.8	65.3	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
Humidity (%)	70.0	88.0	88.0	90.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IP2111 IP: 231 0002D120002B	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
IP2111 IP: 232 0002D120002C	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
VS2101 IP: 233 0002D1100257	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
VS2101 IP: 234 0002D11002BB	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
VS2401 IP: 235 0002D100075B	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
VS2401 IP: 236 0002D100075C	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Record By	[Handwritten Signature]																

- : Consistently normal function.
- ✓: Interruption, Post - connection OK.
- △: Interruption, Post - Connection fail, But OK on room temperatur.
- ✗: Fail both in test Environment & room temperatur.