

# EPD-332(EPD-053) Component Change Test Report

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**Revision History :**

Date	Revision	Description	Creator
2021/11/08	V1.0	iDesign Number : 2443-066 1、 Router 無法與 Server 連線時,Tag 要 show 出斷線 image 2、 Router 與 Server 連上線後 Tag 要 show 第一頁 image	Luke Chang

**Test Results Definition :**

Criteria	Definition
<b>PASS</b>	Test result pass and function work perfectly.
<b>Fail</b>	Test fail or can not meet the spec requirement.
<b>Limitation</b>	There are no plans to fix this erratum.
<b>N/A</b>	Spec not support or driver not ready.
<b>Check Next Version</b>	HW modified circuit and solution 3erified, and check the function result has pass. Need to check next version.

**Test Results Summary :**

Num.	Test Item	Result	Remark
<b>1</b>	<b>Function Test</b>		
<b>1.01</b>	<b>Disconnection Status Report</b>	<b>PASS</b>	

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**System Configuration :**

Item.	Version	File Name
<b>Image</b>	NA	EPD_ARK1123HA2_U1804_1503
<b>EPD Manager</b>	V1503	N/A
<b>EPD_Hub</b>	V1.1.1	N/A
<b>EPD Portal</b>	V1.7.3	N/A
<b>EPD-332(EPD-053)</b>	1.0.8.0	EPD053RC02-v1.0.8.0-a9ee52e5b52c85346951b70a7d579e39.zip
<b>WISE-3240</b>	3240C02OIX0112	ESL-D53-OTA-Image_v02C01008.bin

**Test Equipment :**

Item.	Description.
<p><b>WISE-3240</b></p>	 <p>The image shows a black industrial device, the WISE-3240, mounted on a metal rack. It has a DC 12V power input on the left, and ports for COM, USB, LAN, and WAN on the front. A red label with the number '4' and some handwritten text is attached to the top right. A power cable is plugged into the DC 12V port.</p>
<p><b>EPD-332(EPD-053)</b></p>	 <p>The image shows a square, light-colored display panel, the EPD-332(EPD-053), with a dark screen area. It is shown from a top-down perspective.</p>

## 1. Function Test

### 1.01 Disconnection Status Report

#### 1.01.1.01 Test Purpose :

The purpose of this test is to examine and validate the auto status report function of EPD-332(EPD-053)

#### 1.01.1.02 Test Tool or Equipment:

1. ARK-1123H A2 as EPaper Manager server
2. WISE-3240 as EPD Gateway
3. EPD-332(EPD-053) EPD device

#### 1.01.1.03 Testing Configuration:

1. Test environment: Room temperature

#### 1.01.1.04 Test Procedure:

1. Connect 6 pcs EPD-332(EPD-053) to WISE-3240/ARK-1123
2. Setup test environment and transmit image to tags to confirm all tags are fine then disconnect ARK-1123's network.
3. All tags should show disconnected status image after ARK-1123 offline.
4. When all tags show disconnected status image then connect ARK-1123's network.
5. All tags should show previous latest image after ARK-1123 back online. (before disconnected status image).
6. Wait 1 hour.
7. Repeat procedure 1-6 5 times.

#### 1.01.1.05 Test Result:

Item	Criteria	Result	Remark
<b>Disconnection Status Report</b>	All tags should auto fresh image as disconnected status and will recovery to latest image if reconnect to ARK-1123 success.	<b>PASS</b>	