

Drop Test Report

Issue by
Design Technology Department

Product Model	WMRM2400 / WMRM2400-TR
Product Description	Display
Test Reason	<input checked="" type="checkbox"/> New product <input checked="" type="checkbox"/> Display <input type="checkbox"/> Renew product <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Revision change <input type="checkbox"/> PCB : <input type="checkbox"/> BIOS: <input type="checkbox"/> Component:

2016/12/23
Issue date

David Chen
Approved

Peter Chou
Test Engineer

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1. Document Introduction

This document describes how we conduct the environment conditions and test procedure. It includes the test equipment we use, the test condition, and the test procedure we take. We also define our test criteria and the way to conclude the test result.

(According to client's test specification, please see following sheets in detail.)

Table of Testing Summary Results

NO	Test Item	Condition Description	Sect. / Page	Reference to
1	Drop Test	8 corner ,12 edges 6 planes Total 26 Drops	3 / 4	MIL-STD-810G Method 516.6 Produce IV Table 516.6-VI

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2. Product Configuration

1. M/B : R7DD-200
2. Panel : LG / LM240WU8-SLD1 / 1920x1200
3. Driver Board : DB04-110
4. DVI equalizer : DVIEQ-200
5. Light Sensor Board : TLS110-CON03
6. OSD Board : MIOSD-120
7. Open Frame : LTE120FS-S2 100W 12V

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3. Transit Drop Test

A. Test Equipment:

- Test Site: i-Tech LAB
- Drop Tester / King Design / KD-128A / S/N: BT109183596
- Steel Plate of 1cm thickness

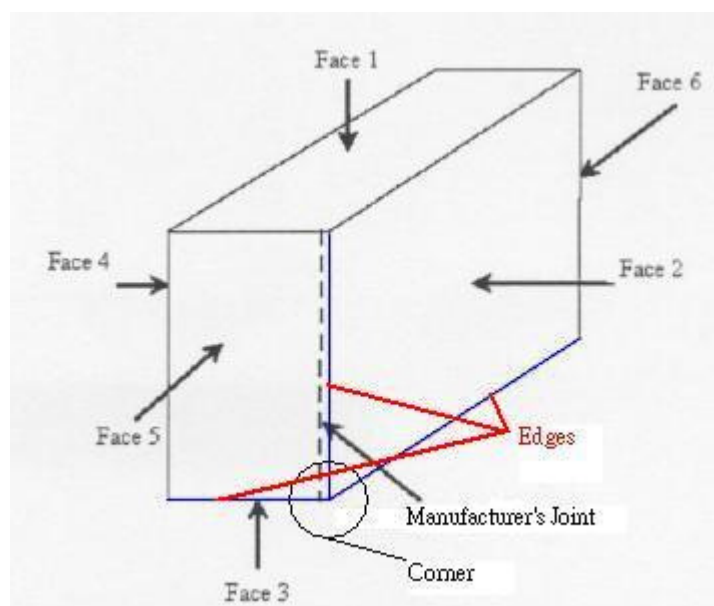
B. Test Condition:

- Reference to MIL-STD-810G Method 516.6 Testing Procedures
- Procedure IV / Table 516.5-VI_Transit drop test.
- Drop Height: 122 cm.
- Drop Sequences: 8 corners, 12 edges 6 planes
- Quantity: Total 5 Sets
- Testing Period: Dec. 21, 2016 to Dec. 21, 2016

C. Check Condition and Requirements:

1. Identification of Corner, Edges and Faces.

The procedure for Identification of the faces and corners of the containers shall be as follows. Facing one end of containers shall be as manufacturer's joint on the observer's left if the container is fiberboard, designates the top of the container as Face1. The front as Face 2, the bottom as Face 3, the back as Face 4, the left side as Face 5, and the right side as Face 6.



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2. The package product is to be dropped 8 corners, 12 edges and 6 faces, from the appropriate height designate in the table of test condition.

Drop #	Drop Item	Type of Drop
1.	1-2-5 Corner of Package	Corner
2.	1-2-6 Corner of Package	Corner
3.	1-4-6 Corner of Package	Corner
4.	1-4-5 Corner of Package	Corner
5.	2-3-5 Corner of Package	Corner
6.	2-3-6 Corner of Package	Corner
7.	3-4-6 Corner of Package	Corner
8.	3-4-5 Corner of Package	Corner
9.	2-5 Edges of Package	Edge
10.	4-6 Edges of Package	Edge
11.	4-5 Edges of Package	Edge
12.	2-6 Edges of Package	Edge
13.	1-4 Edges of Package	Edge
14.	3-4 Edges of Package	Edge
15.	1-6 Edges of Package	Edge
16.	1-5 Edges of Package	Edge
17.	3-6 Edges of Package	Edge
18.	3-5 Edges of Package	Edge
19.	2-3 Edges of Package	Edge
20.	1-2 Edges of Package	Edge
21.	Face 1 of the Package	Face
22.	Face 3 of the Package	Face
23.	Face 2 of the Package	Face
24.	Face 4 of the Package	Face
25.	Face 5 of the Package	Face
26.	Face 6 of the Package	Face

