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Chassis Static Load Test Report for BFX-AT100

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Revision Change History

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Scope

This document describes the performance requirements, validation criteria, and the validation tests which focus on BFX-AT100 product.

Purpose

1. Provide a formal functional demonstration of the product design reliability.
2. Identify any design discrepancies.
3. Reliability assurance of trial samples which are designed and fabricated in accordance with the customer's product specifications.
4. Conduct robustness testing on early production samples in accordance to customer's product testing specification.

Table of Testing Results Summary

NO.	Test Item	Test Result
1	Chassis Static Load Test	Pass

Sample Information



Test Equipment

Equipment Name	Manufacturer	Model No.	Serial No.	Expiry Date
Precision Loading Tester	Foxconn	PPST-150HS-E	029-0062	2020/01/02

1. Chassis Static Load Test

Purpose:

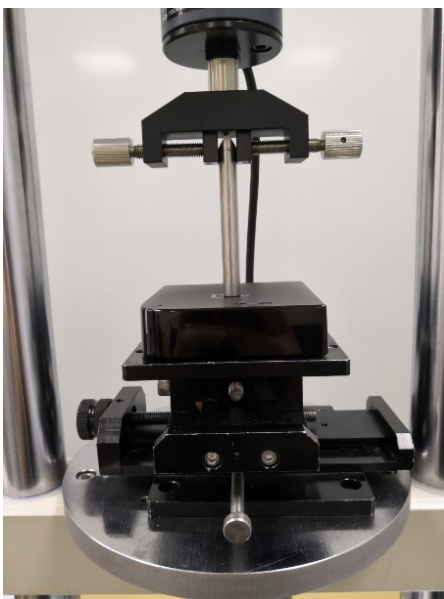
To demonstrate the DUT housing can withstand a crushing force applied to every specified point.

Quantity: 1 unit

Test Objective:

Applied position: Top on the enclosure;

Weight and time: 5KG/ diameter 10mm area/ apply 30 seconds

Test Picture:

Test Setup



Test Position

Test Procedure:

1. Visually inspect the housing surface.
2. Fix the DUT on test mechanism.
3. Set up the mechanism to apply 5Kg force to every specified point and dwell 30s.
4. After all test, do visually inspection checking.

Pass Criteria:

There is no damage of mechanical material (for examples cover's crack, breakdown).

Test Result: **Pass**



After Test