

UP-EDGE-APL03

Shock Test Report

Report NO: 22UP030010

Summary	☒ Pass Comment: _____ ☐ Fail Note : There is/are ____ defect(s) not list in the report, please check it in the DTS Website.
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Issue date

2022-09-15

Deputy Manager

Louie Lee

Test Engineer

Rex Chang

Test item list

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Test Configuration:

Num	Item	Spec
UP-EDGE-APL03		
1	M/B	UPN-APL03 A1.0_0_0
2	CPU	Intel Pentium Processor N4200 / 1.1GHz (F1-Stepping)
3	BIOS	UPAPBM06
4	Memory	Onboard 8GB / DDR4 / MicronMT53D512M32D2DS-053 WT:D
5	Storage	Onboard 64GB / eMMC 5.1 Flash / Sandisk SDINBDA4-64G-V
6	Test Software	Windows 10 / Run PassMark Burn In Test 9.0 Pro(1012)
7	Power supply	PS1065-120IB500 / 12V , 5A

Shock Test (operation)

Test Date: 09-15-2021

Test Product: UP-EDGE-APL03

Test Site: AAEON QE Dept.

Test Standard: Refer to IEC60068-2-27 Testing procedures
Test Ea and guidance: Shock

Test Equipment:

Shock Test System

KING DESIGN Co. LTD.

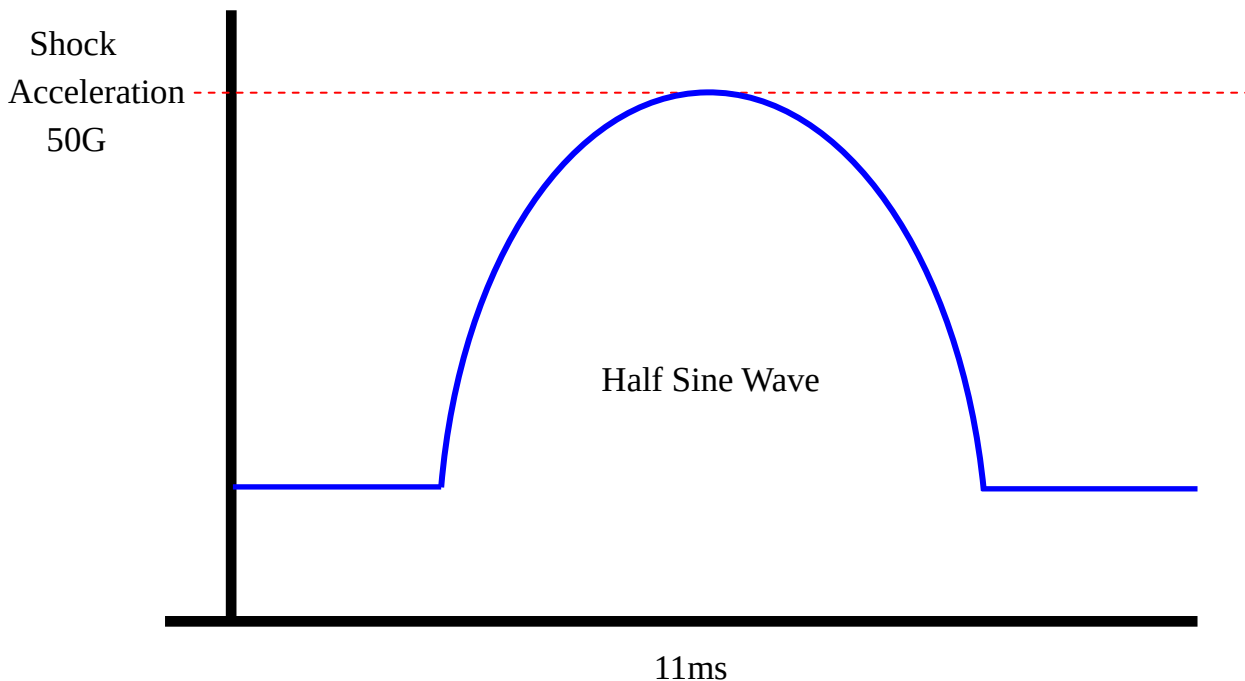
Model: KD DP-1200-60

Serial Number: UU110303110

Date of Calibration: 10/12/2021

Test Condition:

1. Operation
2. Test Wave from: Half Sine wave
3. Acceleration Rate : 50g
4. Duration Time : 11ms
5. No. of Shock : Each axis 3 times
6. Shock Direction : Six faces ($\pm X$, $\pm Y$, $\pm Z$)
7. Test Software: Windows 10 / Run PassMark Burn In Test 9.0 Pro (1012)
8. Test Shock Curve:



Test Result:

No structure deformation was found, and function was working normally.

Shock Test (operation)

Testing Photos



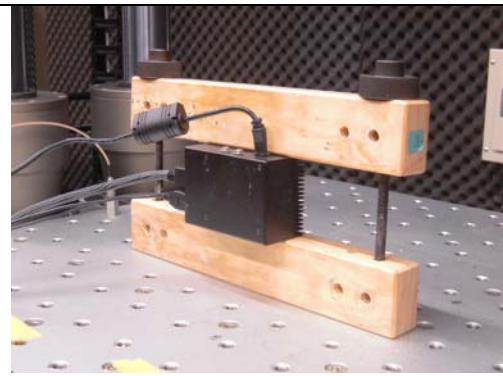
+X axis



-X axis



+Y axis



-Y axis

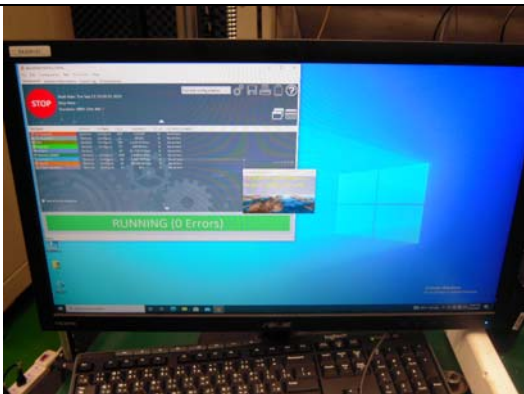


+Z axis

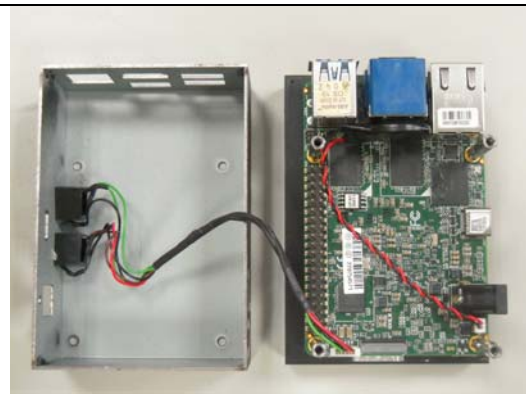


-Z axis

Test Result



Normal



Normal