

EM110-eMMC ESD(HBM) Report

Apacer Technology, inc

Electrostatic Discharge Human Body Model (HBM)

Purpose

This standard establishes the procedure for testing, evaluating, and classifying components and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined human body model (HBM) electrostatic discharge (ESD). The purpose (objective) of this standard is to establish a test method that will replicate HBM failures and provide reliable, repeatable HBM ESD test results from tester to tester, regardless of component type. Repeatable data will allow accurate classifications and comparisons of HBM ESD sensitivity levels.

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Test Condition(s):

- Resistor: 1.5k Ω , Capacitor: 100pF
- 500V~ 2000V(\pm)
- Each device test and all pass by FT
- Test Reference: AEC Q100-002

Test Result:

Product	Accept Criteria	Result Remark
eMMC 153 Balls	0 Fails, 2KV(Class 2)	PASS

