

Quality Assurance Report

Date: January 30, 2014
To: Andy Feather
Cc:
From: Sarath Cheap
Subject: **Turtle Case 20 Pack**

Introduction:

The purpose of this qualification is to verify if the 20 pack Turtle cases will protect our product during transportation.

Procedure:

Before ISTA Testing

- 1- 18 samples from production and one tape with data from Dternity
- 2- Visual check all cartridges
- 3- Error rate test 4 tapes and Full write test 2 tapes
- 3- Insert all tapes into the new Turtle case
 - * Two Turtle cases will be use for test (one with and one without box)
 - * One tape with data, two error test, one full write, five virgin and 11 dummy tapes
- 5- Send packages out for ISTA 1A testing

W/ Data	Pre-test	Virgin

Results Summary:

Before ISTA 1A Testing:

Visual:

No Outer Box

- No visual defect

Error Rate Results:

- 2 of 2 Passed error rate test

Full Write Results:

- Passed and show 2.52T of capacity

After ISTA 1A Test:

Visual:

No Outer Box

- Normal scuff mark on Turtle case

Error Rate Results:

- 7 of 7 Passed error rate test

Full Write Results:

- Passed and show 2.52T of capacity

Pre-written Data Results:

- Passed with no read errors

Visual:

With Outer Box

- No visual defect

Error Rate Results:

- 2 of 2 Passed error rate test

Full Write Results:

- Passed and show 2.52T of capacity

Visual:

With Outer Box

- Damages to outer box

Error Rate Results:

- 7 of 7 Passed error rate test

Full Write Results:

- Passed and show 2.52T of capacity

Pre-written Data Results:

- Passed with no read errors

Conclusion:

- * Scuff marks on Turtle case and damages to outer box are expected during drop test
- * Error Rate Test Result: All data from both samples passed
- * Full Write Test Result: All data from both samples passed, and no changes to tape capacity.
- * Pre-written Data Test Result: Both samples passed with no read errors

Based on the test result, this qualification has been accepted by the Quality Assurance department.

No Outer Box



With Outer Box

