Mobile MasterCard PayPass Application Note #1

This document contains an application note concerning Mobile MasterCard PayPass Approval Acceptance Criteria.

These Acceptance Criteria only apply to mobile implementations of Mobile MasterCard PayPass, eg.

- Single Wire Protocol (SWP) enabled Near Field Communications (NFC) Handsets
- C4G8 Implementations (please refer to Mobile MasterCard PayPass Approval Guide for more information)
- NFC Handsets with Embedded Secure Elements
- microSD implementations
- Flexible antenna solutions for use inside the casing of mobile handsets or attached to mobile devices
- Mobile MasterCard PayPass Tags when attached to mobile devices (both stand-alone and connected – such as Bluetooth enabled Tags)

Tag products (both stand-alone and connected) must still comply with existing PayPass Approval Acceptance Criteria in all tests that are performed on the product when not attached to a mobile device. Formal approval test sessions on Tag products will always be comprised of tests on the product as a stand-alone device and additional tests when attached to a mobile device. The revised Acceptance Criteria only apply to the tests that require the product to be attached to a mobile device.

These Acceptance Criteria are effective as of August 1st 2010.

Reference is made to the following documents:

REF1. PayPass on Mobile Requirements

REF2. PayPass Analog Interface Test Guide

REF3. PayPass Combination Test

For further questions, please email “mobilepartner@mastercard.com”.

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Mobile MasterCard PayPass Application Note #1 • August 2010 - Version 1.0
Revised Acceptance Criteria

Analog Acceptance Criteria
New Pass Criteria

Compliance with standard Analog Test Load Modulation acceptance criteria will only be enforced up to and including the 2cm height. A full set of results (ie, including at heights of 3cm and 4cm) will be required for review, and measurements shall be taken as per the formal test process for PayPass devices.

Combination Testing Acceptance Criteria
New Pass Criteria

Compliance with standard Combination Test acceptance criteria will only be enforced up to and including the 2cm height. A full set of results (ie, including at heights of 3cm and 4cm) will be required for review, and measurements shall be taken as per the formal test process for PayPass devices.