

Test Assessment Summary for product TTAS-PSRI240201-240610(a)



The product is a Tap on Phone Contactless Acceptance Application

Intelligent Card Reader

This Test Assessment Summary intends to gather key information on the testing session and provides the Test Assessment References as the output of the Interface and Application Testing process. Mastercard Test Assessment Authority has found reasonable evidence that the submitted product sufficiently complies with Reference Specifications. In no case the Test Assessment Reference(s) below can be considered as a Letter of Approval.

Supplier

PSR IT SOLUTIONS

Office 3901-038, The One Tower, Al Thanyah First, Dubai, UAE, P.O.Box: 454283

Product Identification

Contactless Acceptance Application Name and Version: PSR SoftPOS SDK Solution V 1.0.3

Application file name and version: test_psr_tap_on_phone_1.0.3.apk (for Functional testing)

psr-tap-on-phone.apk (for Performance and Handset Compatibility tests)

Inherited from / Variant of: Mastercard Contactless Reader SDK 2.0.3

Application selection Module	TapOnPhoneSDK 1.0.3
Mastercard Contactless Kernel	Mastercard Contactless Reader SDK v 2.0.3
Minimum Operating System	Android 12
Build / Firmware	terminalSdk-2.0.3-Release
Test Application	test_psr_tap_on_phone_1.0.3
Test Configuration Data Set	Data set 1
Product Test Environment Interface	
As tested with	
NFC Mobile Device(s)	Tap on phone_Test_Bench_v11_231017

Any change to the above identified submitted product must be notified to the Mastercard Test Assessment Authority.

Supported Options

Contactless Mag-stripe	Yes
Send POI information	No
C-2 Spec Bulletin 261	No
Data Exchange / Data Storage	Yes
Integrated Data Storage and Torn Transaction	Yes

Mastercard Reference Specifications

- Mastercard Contactless Reader Specification - Version 3.1.4 - November 2020
- EMV Book C-2 - Kernel 2 Specification - Version 2.10 - March 2021

Test References

Registration form Reference:

Tap_on_Phone_Registration_Form_v1_5_PSR_SoftPOS_SDK_Solution_V_1

TEPS Reference: TEPS-PSRI240201-240212©

Global Test Bench Identifier: T063 - 240426

Test Report: TOP-PSRI-240201_1-7555-1-2-24_CEG

Test Assessment Summary for product TTAS-PSRI240201-240610(a)



Functional Evaluation Results

Test	Verdict	
Performance	Average time with beep trigger: 423 ms (143ms average beep trigger)	
Level 2 Functional	Application Selection Module	PASS
	Contactless Kernel	PASS (inherited)
	Data Exchange	PASS (inherited)
Handset Compatibility	PASS	

Comments and Restrictions

- Performance results are above the 100ms Pass Criteria. It is possible that such transaction speeds impact the user experience in use cases requiring high speed transactions, for instance in transit environment.
- In case the Tap on Phone product is a Contactless Acceptance Application SDK to be integrated by an end Customer, the SDK vendor and customers shall assess if the SDK integration impacts the functional and security evaluations and if any retesting is needed.
- The solution does not meet Mastercard's Level 1 and Performance standards. Pilot deployments based on this implementation should be discussed with Mastercard MPOS teams at mposprogram@mastercard.com.
- This TAS may be updated by Mastercard (in its sole discretion) if Mastercard (a) receives additional information from the Product Vendor about the Product; (b) has a reasonable belief that the Product has a material defect; (c) deems appropriate as a result of any activity that causes non-compliance with the Specification arising with the Product.
- Any change that, in Mastercard's sole opinion, may generate a different behavior of the Product that was submitted to Mastercard for testing and to which this TAS relates will be considered a material modification to the Product (for which this TAS does not apply to) and must be resubmitted to Mastercard for testing and approval.
- This L2 functional TAS allows entering the M-TIP process.
- If Online PIN is not supported, a PCI CPoC security approval will be needed to obtain the M-TIP Letter of Approval and prior any deployment.
- If Online PIN is supported, a confirmation of the completion of the Mastercard security evaluation or PCI MPoC security approval will be needed to obtain the M-TIP Letter of Approval and prior any deployment.

Test Assessment References

TL2-PSRI240201-240610(a)
Expires on June 10, 2027

The Mastercard Test Assessment

Authority Chairman: Bruno Parfum

In no circumstances does Mastercard Test Assessment include any endorsement or warranty regarding the functionality, quality or performance of any other product or service provided. Under no circumstances does Mastercard Test Assessment include or imply any product or service warranties from Mastercard, including, without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by Mastercard. All rights and remedies regarding vendor's products and services for which Mastercard has granted this Test Assessment shall be provided by the party offering such products or services and not by Mastercard.