VCPS DEVICES TEST REPORT

Release date:	01/08/2024
VISA Lab:	Applus Shanghai
File reference number:	2023_8300_FUNIDTTA004_EXP-M0
VISA reference number (VTF):	CDIDTE02602A
Client Name and Address:	ID TECH
	10721 Walker Street, Cypress, CA, 90630, United States

Sample Reception Date:	10/30/2023
Test Carried Out Start Date:	12/27/2023
Test Carried Out End Date:	12/28/2023

Carlos GARCÍA	**Jennifer JIANG**
Laboratory Manager	Team Leader
Authorizer	Reviewer
IT Laboratory	IT Laboratory
Applus+ (Shanghai) Quality Inspection Co., Ltd.	Applus+ (Shanghai) Quality Inspection Co., Ltd.

This document consists of 92 pages.

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Notice

The results reported in this document relate only to the sample, product or item submitted to the Laboratory and described below, having been tested under the conditions established in this document.

Applus+ guarantees that this work has been carried out in accordance with our Quality and Sustainability System, fulfilling all contractual conditions and legal norms.

As part of our improvement program, we would be grateful to receive any feedback that you consider relevant. Please send feedback either to the signing manager for this document, or to our Quality Manager, at the following e-mail address: satisfaccion.cliente@applus.com.

Document History

Report version history and changes per version:

Version	Date	Details	Author
M0	01/08/2024	Creation	Abby HE

Contents

1. Test Description

1.1. Samples received

The following items were sent by the client to Applus+ facilities:

Date	Item	S/N	Usage
10/30/2023	Contactless Smartcard Acceptance Device VP6825	226K000841	Testing
10/30/2023	Contactless Smartcard Acceptance Device VP6825	226K000844	None
10/30/2023	Contactless Smartcard Acceptance Device VP6825	226K000850	None
12/25/2023	Contactless Smartcard Acceptance Device VP6825	226K000803	None

1.2. Test Specifications

The tests were carried out according to the following specifications:

- Visa Contactless Payment Specification (VCPS) v2.2, January 2016

1.3. Requested Tests and Test Method

The requested test and the test method are defined in the following document/s:

- VCPS Reader Manual Test Plan V2.2c Build 220225, February 2022

- VCPS Reader Test Plan V2.2c Build 230512, May 2023

- Contactless Chip Card Acceptance Device Test Plan for VCPS v2.1.3 and v2.2, September 2021

1.4. Test Conditions

No specific environmental conditions are required by test plan.

2. Client and Product

2.1. Client Information

Corporate name	ID TECH
Corporate address	10721 Walker Street, Cypress, CA, 90630, United States
Contact name	George Jiang
Contact position	Chief Technology Officer
Contact telephone number	001-714-761 6368
Contact e-mail address	George.Jiang@idtechproducts.com

2.2. Product Description

Vendor name	ID TECH
Product/Model Name and Version	VP6825 Rev C
Product application firmware name and version	VCPS v2.2 v1.00
Product OS name and version	NuttX 10.2.0
VISA reference number (VTF)	CDIDTE02602A
Checksum	A9 66 C0 90 76 D4 69 59 D8 C9 3B DA 1E 42 E8 32 56 58 F6 51

3. Test Equipment

3.1. Hardware

Item	Model	Applus+ ID
Computer	DELL VOSTRO 3800	A+SH_IT_138
OS	Windows 10	-
Reader	Identive CLOUD 4700 F	A+SH_IT_134
Test Cards	qVSDC qVSDC Stop EMV Test Card VCTKS Card	A+SH_IT_579 A+SH_IT_583 A+SH_IT_584 A+SH_IT_505

3.2. Software

Test Tool Baseline	Name/ Version	Release Date	Applus+ ID
Tool/ Tool Engine	ICCSimTMat v4.251.1	July 2023	A+SH_IT_501
Tool Test Suite	AT VisaART 2.2c_230512 AT VisaART Manual v2.2c_22025	July 2023	-
Tool/ Tool Engine	ICCSimTMat v4.17.2	November 2020	A+SH_IT_504
Tool Test Suite	AT VCTKS v1.1a July 2021	July 2021	-

3.3. Client tools

Item	Model	Version
Reader Controller Host SW	AutoVCPHTTPTest.exe	V1.3.7.0
Host Simulator SW for manual testing	CLibTool.exe	V1.00
Device Configuration SW for manual testing	CLibTool.exe	V1.00

4. Laboratory Observations and Comments

- During the TA evaluation for the product VP6825, the laboratory detected that the product behaviour does not accomplish with the Pass Criteria of the test cases T_14_5_5_C02_01, T_23_5_8_C03_01, T_0435_5_47_C03_01 and T_0438_5_47_C05_01.

  o For T_14_5_5_C02_01 and T_23_5_8_C03_01, according to VISA document 'ASA20180730', the terminal is eligible for an approval with Informational Comment on the LOA if the transaction successfully completes over the contactless interface or the attempted contact or magnetic stripe interface when a contactless interference occurs.

    See Appendix B

  o For T_0435_5_47_C03_01 and T_0438_5_47_C05_01, according to VISA query ASQ15882, the device behaviour is accepted by Visa.

    See Appendix C: Visa queries

- For the test cases CLQ.Z.001.00, CLQ.Z.002.00 and CLQ.Z.003.00 defined in the testing scope, the Laboratory were executing these additional tests by utilizing the relevant VCTKS test scripts following the instructions in LABORATORY NOTIFICATION #LN20210928.

  See Appendix D: Communication #2

5. Test Summary Results for VCPS ART Manual Testing

Testing engineer performing the test: Abby HE

Testing engineer evaluating test logs: Jennifer JIANG

Execution Statistics	
Passed:	40
Failed:	2
Inconclusive:	0
Not applicable:	2
Not executed:	0
Total number of test cases:	44

The testing results is shown as below:

Test Case ID	Result	Lab Comment
T_01_5_23_C01_01	Pass	
T_02_5_23_C02_01	Pass	
T_03_5_23_C03_01	Pass	
T_04_5_23_C04_01	Pass	
T_05_5_26_C01_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_06_5_2_2_C01_01	Pass	
T_07_5_38_C01_01	Pass	
T_08_5_39_C01_01	Pass	
T_09_5_40_C01_01	Pass	
T_10_5_40_C02_01	Pass	
T_11_5_40_C03_01	Pass	
T_12_5_40_C04_01	Pass	
T_13_5_5_C01_01	Pass	
T_14_5_5_C02_01	Fail	Product issue. When swipe the card along the Magnetic Stripe slot to perform a Magstripe transaction, the contactless interface has detected the card but the contactless transaction does not complete, and a Magstripe transaction has been successfully completed. According to VISA document 'ASA20180730' and query 'ASQ00200004', the pass criteria is considered to have been met. See Appendix B and Appendix C.
T_15_5_66_C01_01	Pass	
T_16_5_67_C14_01	Pass	
T_17_5_74_C01_01	Pass	
T_18_5_74_C02_01	Pass	
T_19_5_74_C03_01	Pass	
T_20_5_74_C04_01	NA	[Offline-Only Reader] Not Supported
T_21_5_8_C01_01	Pass	
T_22_5_8_C02_01	Pass	

Test Case ID	Result	Lab Comment
T_23_5_8_C03_01	Fail	Product issue. The RF field has detected the contactless card when the card is held in the top of Magnetic Stripe interface for two seconds prior to gradually running the card along the Mag Stripe slot, and a contactless transaction has been successfully completed which is inconsistent with VISA test plan v2.2c. According to VISA document 'ASA20180730', the terminal is eligible for an approval with Informational Comment on the LoA if the contactless transaction successfully completes. See Appendix B. Noted that the RF field does not detect the contactless card when the card is inserted into the bottom of Magnetic Stripe interface for two seconds and Magnetic Stripe transaction completes after swiping the card.
T_24_5_90_C01_01	Pass	
T_25_6_7_3_C01_01	Pass	
T_26_6_7_3_C02_01	Pass	
T_27_6_7_3_C03_01	Pass	
T_28_6_7_3_C04_01	Pass	
T_29_6_7_3_C05_01	Pass	
T_30_6_7_3_C06_01	Pass	
T_31_6_7_3_C07_01	Pass	
T_32_6_7_3_C08_01	Pass	
T_33_6_7_3_C09_01	Pass	
T_34_6_7_3_C10_01	Pass	
T_35_6_7_3_C11_01	Pass	
T_36_6_7_3_C12_01	Pass	
T_37_6_7_3_C13_01	Pass	
T_38_6_7_3_C14_01	Pass	
T_39_6_7_3_C15_01	Pass	
T_40_6_7_3_C16_01	Pass	
T_41_6_7_3_C17_01	Pass	
T_42_6_7_3_C18_01	Pass	
T_43_6_7_3_C19_01	Pass	
T_44_6_7_3_C20_01	Pass	

6. Test Summary Results for Full VCPS ART Testing

Testing engineer performing the test: Abby HE

Testing engineer evaluating test logs: Creep WANG

Execution Statistics	
Passed:	1198
Failed:	2
Inconclusive:	0
Not applicable:	715
Not executed:	0
Total number of test cases:	1915

The testing results is shown as below:

Test Case ID	Result	Lab Comment
T_0001_3_1_1_11_C01_01	NA	[EMV Entry Point] Not Supported
T_0002_3_1_1_11_C02_01	NA	[Offline-Only Reader] Not Supported and [EMV Entry Point] Not Supported
T_0003_3_1_1_4_C01_01	NA	[EMV Entry Point] Not Supported
T_0004_3_1_1_4_C02_01	NA	[EMV Entry Point] Not Supported
T_0005_3_1_1_4_C03_01	NA	[EMV Entry Point] Not Supported
T_0006_3_1_1_4_C04_01	NA	[EMV Entry Point] Not Supported and [Offline-Only Reader] Not Supported
T_0007_3_1_9_C01_01	Pass	
T_0008_3_1_9_C02_01	Pass	
T_0009_3_4_1_1_C01_01	NA	[EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Cashback] Supported
T_0010_3_4_1_1_C02_01	NA	[Offline-Only Reader] Not Supported and [EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Cashback] Supported
T_0011_3_4_1_1_C03_01	NA	[EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Cashback] Supported
T_0012_3_4_1_2_C01_01	NA	[EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported
T_0013_3_4_1_2_C02_01	NA	[EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported
T_0014_3_4_1_2_C03_01	NA	[EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported
T_0015_3_4_1_2_C04_01	NA	[Offline-Only Reader] Not Supported and [EMV Entry Point] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported
T_0016_4_1_C01_01	Pass	
T_0017_4_1_C01_02	NA	[Online-Only Reader] Not Supported
T_0018_4_2_C01_01	Pass	
T_0019_4_2_C02_01	Pass	
T_0020_4_2_C03_01	Pass	

Test Case ID	Result	Lab Comment
T_0021_4_2_C04_01	Pass	
T_0022_4_2_C04_02	NA	[Online-Only Reader] Not Supported
T_0023_5_18_C01_01	Pass	
T_0024_5_18_C01_02	NA	[Online-Only Reader] Not Supported
T_0025_5_18_C02_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0026_5_18_C03_01	Pass	
T_0027_5_18_C04_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0028_5_18_C05_01	Pass	
T_0029_5_18_C05_02	NA	[Online-Only Reader] Not Supported
T_0030_5_18_C06_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0031_5_18_C07_01	Pass	
T_0032_5_18_C07_02	NA	[Online-Only Reader] Not Supported
T_0033_5_18_C08_01	Pass	
T_0034_5_18_C09_01	Pass	
T_0035_5_18_C09_02	NA	[Online-Only Reader] Not Supported
T_0036_5_18_C10_01	Pass	
T_0037_5_18_C10_02	NA	[Online-Only Reader] Not Supported
T_0038_5_18_C11_01	Pass	
T_0039_5_18_C11_02	NA	[Online-Only Reader] Not Supported
T_0040_5_18_C12_01	Pass	
T_0041_5_18_C12_02	NA	[Online-Only Reader] Not Supported
T_0042_5_18_C13_01	Pass	
T_0043_5_18_C14_01	Pass	
T_0044_5_18_C15_01	NA	[Offline-Only Reader] Not Supported
T_0045_5_18_C16_01	Pass	
T_0046_5_18_C17_01	Pass	
T_0047_5_18_C18_01	Pass	
T_0048_5_18_C19_01	NA	[Offline-Only Reader] Not Supported
T_0049_5_18_C20_01	Pass	
T_0050_5_18_C21_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported and [Independent Reader Risk Parameters for Cashback] Supported
T_0051_5_18_C22_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0052_5_18_C23_01	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0053_5_18_C24_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0054_5_18_C24_02	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0055_5_18_C25_01	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0056_5_18_C26_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0057_5_18_C26_02	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Online-Only Reader] Not Supported
T_0058_5_18_C27_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0059_5_18_C28_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0060_5_18_C28_02	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Online-Only Reader] Not Supported
T_0061_5_18_C29_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0062_5_18_C29_02	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Online-Only Reader] Not Supported
T_0063_5_18_C30_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0064_5_18_C30_02	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Online-Only Reader] Not Supported
T_0065_5_18_C31_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0066_5_18_C31_02	NA	[Independent Reader Risk Parameters for Cashback] Supported and [Online-Only Reader] Not Supported
T_0067_5_18_C32_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0068_5_18_C33_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0069_5_18_C34_01	NA	[Offline-Only Reader] Not Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported and [Independent Reader Risk Parameters for Cashback] Supported
T_0070_5_18_C35_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0071_5_18_C36_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0072_5_18_C37_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0073_5_18_C38_01	NA	[Offline-Only Reader] Not Supported and [Independent Reader Risk Parameters for Cashback] Supported
T_0074_5_18_C39_01	NA	[Independent Reader Risk Parameters for Cashback] Supported
T_0075_5_19_C01_01	Pass	
T_0076_5_19_C01_02	NA	[Online-Only Reader] Not Supported
T_0077_5_19_C02_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0078_5_19_C03_01	Pass	
T_0079_5_19_C04_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0080_5_19_C05_01	Pass	
T_0081_5_19_C05_02	NA	[Online-Only Reader] Not Supported
T_0082_5_19_C06_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0083_5_19_C07_01	Pass	
T_0084_5_19_C07_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0085_5_19_C08_01	Pass	
T_0086_5_19_C09_01	Pass	
T_0087_5_19_C09_02	NA	[Online-Only Reader] Not Supported
T_0088_5_19_C10_01	Pass	
T_0089_5_19_C10_02	NA	[Online-Only Reader] Not Supported
T_0090_5_19_C11_01	Pass	
T_0091_5_19_C11_02	NA	[Online-Only Reader] Not Supported
T_0092_5_19_C12_01	Pass	
T_0093_5_19_C12_02	NA	[Online-Only Reader] Not Supported
T_0094_5_19_C13_01	Pass	
T_0095_5_19_C14_01	Pass	
T_0096_5_19_C15_01	NA	[Offline-Only Reader] Not Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0097_5_19_C16_01	Pass	
T_0098_5_19_C16_02	NA	[Online-Only Reader] Not Supported
T_0099_5_19_C17_01	NA	[Offline-Only Reader] Not Supported
T_0100_5_19_C18_01	Pass	
T_0101_5_19_C19_01	Pass	
T_0102_5_19_C20_01	Pass	
T_0103_5_19_C21_01	NA	[Offline-Only Reader] Not Supported
T_0104_5_19_C22_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0105_5_19_C23_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0106_5_19_C24_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0107_5_19_C25_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0108_5_19_C25_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0109_5_19_C26_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0110_5_19_C27_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0111_5_19_C27_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0112_5_19_C28_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0113_5_19_C29_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0114_5_19_C29_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0115_5_19_C30_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported

Test Case ID	Result	Lab Comment
T_0116_5_19_C30_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0117_5_19_C31_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0118_5_19_C31_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0119_5_19_C32_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0120_5_19_C32_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0121_5_19_C33_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0122_5_19_C34_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0123_5_19_C35_01	NA	[Offline-Only Reader] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0124_5_19_C36_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0125_5_19_C36_02	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Online-Only Reader] Not Supported
T_0126_5_19_C37_01	NA	[Offline-Only Reader] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported
T_0127_5_19_C38_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0128_5_19_C39_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0129_5_19_C40_01	NA	[Independent Reader Risk Parameters for Manual Cash] Supported
T_0130_5_19_C41_01	NA	[Offline-Only Reader] Not Supported and [Independent Reader Risk Parameters for Manual Cash] Supported
T_0131_5_20_C01_01	Pass	
T_0132_5_20_C01_02	NA	[Online-Only Reader] Not Supported
T_0133_5_20_C02_01	Pass	
T_0134_5_20_C02_02	NA	[Online-Only Reader] Not Supported
T_0135_5_21_C01_01	Pass	
T_0136_5_21_C02_01	Pass	
T_0137_5_21_C03_01	Pass	
T_0138_5_21_C04_01	Pass	
T_0139_5_24_C01_01	Pass	
T_0140_5_24_C02_01	Pass	
T_0141_5_24_C03_01	Pass	
T_0142_5_24_C04_01	Pass	
T_0143_5_24_C05_01	Pass	
T_0144_5_24_C06_01	Pass	
T_0145_5_24_C06_02	NA	[Online-Only Reader] Not Supported
T_0146_5_24_C07_01	Pass	
T_0147_5_24_C08_01	NA	[Printing of a Receipt for Declined Transaction] Not Supported

Test Case ID	Result	Lab Comment
T_0148_5_25_C01_01	Pass	
T_0149_5_25_C01_02	NA	[Online-Only Reader] Not Supported
T_0150_5_25_C02_01	Pass	
T_0151_5_25_C02_02	NA	[Online-Only Reader] Not Supported
T_0152_5_25_C03_01	Pass	
T_0153_5_25_C04_01	NA	[Online-Only Reader] Not Supported
T_0154_5_25_C05_01	Pass	
T_0155_5_25_C06_01	NA	[Online-Only Reader] Not Supported
T_0156_5_25_C07_01	Pass	
T_0157_5_25_C07_02	NA	[Online-Only Reader] Not Supported
T_0158_5_25_C08_01	Pass	
T_0159_5_25_C08_02	NA	[Online-Only Reader] Not Supported
T_0160_5_25_C09_01	Pass	
T_0161_5_25_C09_02	NA	[Online-Only Reader] Not Supported
T_0162_5_25_C10_01	Pass	
T_0163_5_25_C10_02	NA	[Online-Only Reader] Not Supported
T_0164_5_26_C01_01	Pass	
T_0165_5_26_C01_02	NA	[Online-Only Reader] Not Supported
T_0166_5_26_C02_01	Pass	
T_0167_5_26_C02_02	NA	[Online-Only Reader] Not Supported
T_0168_5_26_C03_01	Pass	
T_0169_5_26_C03_02	NA	[Online-Only Reader] Not Supported
T_0170_5_26_C04_01	Pass	
T_0171_5_26_C04_02	NA	[Online-Only Reader] Not Supported
T_0172_5_26_C05_01	NA	[Offline-Only Reader] Not Supported
T_0173_5_26_C06_01	Pass	
T_0174_5_26_C06_02	NA	[Online-Only Reader] Not Supported
T_0175_5_26_C07_01	NA	[Offline-Only Reader] Not Supported
T_0176_5_27_C01_01	Pass	
T_0177_5_27_C01_02	NA	[Online-Only Reader] Not Supported
T_0178_5_28_C01_01	Pass	
T_0179_5_28_C02_01	NA	[Online-Only Reader] Not Supported
T_0180_5_28_C03_01	Pass	
T_0181_5_28_C04_01	NA	[Online-Only Reader] Not Supported
T_0182_5_29_C01_01	Pass	
T_0183_5_29_C01_02	NA	[Online-Only Reader] Not Supported
T_0184_5_30_C01_01	Pass	
T_0185_5_30_C02_01	Pass	
T_0186_5_30_C02_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0187_5_30_C03_01	Pass	
T_0188_5_30_C03_02	NA	[Online-Only Reader] Not Supported
T_0189_5_30_C04_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0190_5_30_C05_01	Pass	When the transaction outcome is Switch Interface, the amount is not required to be re-entered and transaction in contact interface is performed. For that reason, the verdict of additional Pass criteria is Pass. See Visa communication from Appendix D.
T_0191_5_30_C06_01	NA	[Offline-Only Reader] Not Supported
T_0192_5_30_C07_01	NA	[Offline-Only Reader] Not Supported
T_0193_5_30_C08_01	NA	[Offline-Only Reader] Not Supported
T_0194_5_30_C09_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported and [Offline-Only Reader] Not Supported
T_0195_5_30_C10_01	NA	[Offline-Only Reader] Not Supported
T_0196_5_31_C01_01	Pass	
T_0197_5_31_C02_01	Pass	
T_0198_5_31_C03_01	Pass	
T_0199_5_31_C03_02	NA	[Online-Only Reader] Not Supported
T_0200_5_31_C04_01	Pass	
T_0201_5_31_C04_02	NA	[Online-Only Reader] Not Supported
T_0202_5_32_C01_01	Pass	
T_0203_5_32_C02_01	Pass	
T_0204_5_32_C03_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0205_5_32_C04_01	Pass	
T_0206_5_32_C05_01	Pass	
T_0207_5_32_C05_02	NA	[Online-Only Reader] Not Supported
T_0208_5_32_C06_01	Pass	
T_0209_5_32_C07_01	NA	[Online-Only Reader] Not Supported
T_0210_5_33_C01_01	NA	[Offline-Only Reader] Not Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0211_5_33_C02_01	NA	[Offline-Only Reader] Not Supported
T_0212_5_33_C03_01	NA	[Offline-Only Reader] Not Supported
T_0213_5_34_C01_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0214_5_34_C02_01	Pass	
T_0215_5_34_C03_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0216_5_34_C04_01	Pass	
T_0217_5_34_C05_01	Pass	
T_0218_5_34_C05_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0219_5_34_C06_01	Pass	
T_0220_5_34_C06_02	NA	[Online-Only Reader] Not Supported
T_0221_5_34_C07_01	Pass	
T_0222_5_34_C07_02	NA	[Online-Only Reader] Not Supported
T_0223_5_34_C08_01	Pass	
T_0224_5_34_C08_02	NA	[Online-Only Reader] Not Supported
T_0225_5_35_C01_01	Pass	
T_0226_5_35_C01_02	NA	[Online-Only Reader] Not Supported
T_0227_5_35_C02_01	Pass	
T_0228_5_35_C02_02	NA	[Online-Only Reader] Not Supported
T_0229_5_35_C03_01	Pass	
T_0230_5_35_C03_02	NA	[Online-Only Reader] Not Supported
T_0231_5_35_C04_01	Pass	
T_0232_5_35_C04_02	NA	[Online-Only Reader] Not Supported
T_0233_5_35_C05_01	Pass	
T_0234_5_35_C05_02	NA	[Online-Only Reader] Not Supported
T_0235_5_35_C06_01	Pass	
T_0236_5_35_C06_02	NA	[Online-Only Reader] Not Supported
T_0237_5_36_C01_01	Pass	
T_0238_5_36_C02_01	Pass	
T_0239_5_36_C02_02	NA	[Online-Only Reader] Not Supported
T_0240_5_36_C03_01	Pass	
T_0241_5_36_C03_02	NA	[Online-Only Reader] Not Supported
T_0242_5_36_C04_01	Pass	
T_0243_5_36_C05_01	Pass	
T_0244_5_36_C05_02	NA	[Online-Only Reader] Not Supported
T_0245_5_36_C06_01	Pass	
T_0246_5_36_C06_02	NA	[Online-Only Reader] Not Supported
T_0247_5_36_C07_01	Pass	
T_0248_5_36_C07_02	NA	[Online-Only Reader] Not Supported
T_0249_5_36_C08_01	Pass	
T_0250_5_36_C08_02	NA	[Online-Only Reader] Not Supported
T_0251_5_36_C09_01	Pass	
T_0252_5_36_C09_02	NA	[Online-Only Reader] Not Supported
T_0253_5_36_C10_01	Pass	
T_0254_5_36_C10_02	NA	[Online-Only Reader] Not Supported
T_0255_5_36_C11_01	Pass	
T_0256_5_36_C12_01	Pass	
T_0257_5_36_C12_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0258_5_36_C13_01	Pass	
T_0259_5_36_C13_02	NA	[Online-Only Reader] Not Supported
T_0260_5_36_C14_01	Pass	
T_0261_5_36_C15_01	Pass	
T_0262_5_36_C16_01	Pass	
T_0263_5_37_C02_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0264_5_37_C03_01	Pass	
T_0265_5_37_C04_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0266_5_37_C05_01	Pass	
T_0267_5_37_C06_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0268_5_3_C01_01	Pass	
T_0269_5_41_C01_01	Pass	
T_0270_5_41_C01_02	NA	[Online-Only Reader] Not Supported
T_0271_5_41_C02_01	Pass	
T_0272_5_41_C02_02	NA	[Online-Only Reader] Not Supported
T_0273_5_41_C03_01	Pass	
T_0274_5_41_C03_02	NA	[Online-Only Reader] Not Supported
T_0275_5_41_C04_01	Pass	
T_0276_5_41_C04_02	NA	[Online-Only Reader] Not Supported
T_0277_5_41_C05_01	Pass	
T_0278_5_41_C05_02	NA	[Online-Only Reader] Not Supported
T_0279_5_41_C06_01	Pass	
T_0280_5_41_C06_02	NA	[Online-Only Reader] Not Supported
T_0281_5_41_C07_01	Pass	
T_0282_5_41_C07_02	NA	[Online-Only Reader] Not Supported
T_0283_5_41_C08_01	Pass	
T_0284_5_41_C08_02	NA	[Online-Only Reader] Not Supported
T_0285_5_41_C09_01	Pass	
T_0286_5_41_C09_02	NA	[Online-Only Reader] Not Supported
T_0287_5_41_C10_01	Pass	
T_0288_5_41_C10_02	NA	[Online-Only Reader] Not Supported
T_0289_5_41_C11_01	Pass	
T_0290_5_41_C11_02	NA	[Online-Only Reader] Not Supported
T_0291_5_41_C12_01	Pass	
T_0292_5_41_C12_02	NA	[Online-Only Reader] Not Supported
T_0293_5_41_C13_01	Pass	
T_0294_5_41_C13_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0295_5_41_C14_01	Pass	
T_0296_5_41_C14_02	NA	[Online-Only Reader] Not Supported
T_0297_5_41_C15_01	Pass	
T_0298_5_41_C15_02	NA	[Online-Only Reader] Not Supported
T_0299_5_41_C16_01	Pass	
T_0300_5_41_C16_02	NA	[Online-Only Reader] Not Supported
T_0301_5_41_C17_01	Pass	
T_0302_5_41_C17_02	NA	[Online-Only Reader] Not Supported
T_0303_5_41_C18_01	Pass	
T_0304_5_41_C18_02	NA	[Online-Only Reader] Not Supported
T_0305_5_41_C19_01	Pass	
T_0306_5_41_C19_02	NA	[Online-Only Reader] Not Supported
T_0307_5_41_C20_01	Pass	
T_0308_5_41_C20_02	NA	[Online-Only Reader] Not Supported
T_0309_5_41_C21_01	NA	[Mandatory DF Name (tag 84) in SELECT ADF response] Supported
T_0310_5_41_C21_02	NA	[Mandatory DF Name (tag 84) in SELECT ADF response] Supported and [Online-Only Reader] Not Supported
T_0311_5_41_C22_01	Pass	
T_0312_5_41_C22_02	NA	[Online-Only Reader] Not Supported
T_0313_5_41_C23_01	Pass	
T_0314_5_41_C23_02	NA	[Online-Only Reader] Not Supported
T_0315_5_41_C24_01	Pass	
T_0316_5_41_C24_02	NA	[Online-Only Reader] Not Supported
T_0317_5_42_C01_01	Pass	
T_0318_5_42_C01_02	NA	[Online-Only Reader] Not Supported
T_0319_5_42_C02_01	Pass	
T_0320_5_42_C02_02	NA	[Online-Only Reader] Not Supported
T_0321_5_42_C03_01	Pass	
T_0322_5_42_C03_02	NA	[Online-Only Reader] Not Supported
T_0323_5_42_C04_01	Pass	
T_0324_5_42_C04_02	NA	[Online-Only Reader] Not Supported
T_0325_5_42_C05_01	Pass	
T_0326_5_42_C05_02	NA	[Online-Only Reader] Not Supported
T_0327_5_43_C01_01	Pass	
T_0328_5_43_C01_02	NA	[Online-Only Reader] Not Supported
T_0329_5_43_C02_01	Pass	
T_0330_5_43_C02_02	NA	[Online-Only Reader] Not Supported
T_0331_5_43_C03_01	Pass	
T_0332_5_43_C03_02	NA	[Online-Only Reader] Not Supported
T_0333_5_43_C04_01	Pass	

Test Case ID	Result	Lab Comment
T_0334_5_43_C04_02	NA	[Online-Only Reader] Not Supported
T_0335_5_43_C05_01	Pass	
T_0336_5_43_C05_02	NA	[Online-Only Reader] Not Supported
T_0337_5_43_C06_01	Pass	
T_0338_5_43_C06_02	NA	[Online-Only Reader] Not Supported
T_0339_5_43_C07_01	Pass	
T_0340_5_43_C07_02	NA	[Online-Only Reader] Not Supported
T_0341_5_43_C08_01	Pass	
T_0342_5_43_C08_02	NA	[Online-Only Reader] Not Supported
T_0343_5_43_C09_01	Pass	
T_0344_5_43_C09_02	NA	[Online-Only Reader] Not Supported
T_0345_5_43_C10_01	Pass	
T_0346_5_43_C10_02	NA	[Online-Only Reader] Not Supported
T_0347_5_43_C11_01	Pass	
T_0348_5_43_C11_02	NA	[Online-Only Reader] Not Supported
T_0349_5_43_C12_01	Pass	
T_0350_5_43_C12_02	NA	[Online-Only Reader] Not Supported
T_0351_5_43_C13_01	Pass	
T_0352_5_43_C13_02	NA	[Online-Only Reader] Not Supported
T_0353_5_43_C14_01	Pass	
T_0354_5_43_C14_02	NA	[Online-Only Reader] Not Supported
T_0355_5_43_C15_01	Pass	
T_0356_5_43_C15_02	NA	[Online-Only Reader] Not Supported
T_0357_5_43_C16_01	Pass	
T_0358_5_43_C16_02	NA	[Online-Only Reader] Not Supported
T_0359_5_43_C17_01	Pass	
T_0360_5_43_C17_02	NA	[Online-Only Reader] Not Supported
T_0361_5_43_C18_01	Pass	
T_0362_5_43_C18_02	NA	[Online-Only Reader] Not Supported
T_0363_5_43_C19_01	Pass	
T_0364_5_43_C19_02	NA	[Online-Only Reader] Not Supported
T_0365_5_43_C20_01	Pass	
T_0366_5_43_C20_02	NA	[Online-Only Reader] Not Supported
T_0367_5_43_C21_01	Pass	
T_0368_5_43_C21_02	NA	[Online-Only Reader] Not Supported
T_0369_5_43_C22_01	Pass	
T_0370_5_43_C22_02	NA	[Online-Only Reader] Not Supported
T_0371_5_43_C23_01	Pass	
T_0372_5_43_C23_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0373_5_43_C24_01	Pass	
T_0374_5_43_C24_02	NA	[Online-Only Reader] Not Supported
T_0375_5_43_C25_01	Pass	
T_0376_5_43_C25_02	NA	[Online-Only Reader] Not Supported
T_0377_5_43_C26_01	Pass	
T_0378_5_43_C26_02	NA	[Online-Only Reader] Not Supported
T_0379_5_43_C27_01	Pass	
T_0380_5_43_C27_02	NA	[Online-Only Reader] Not Supported
T_0381_5_43_C28_01	Pass	
T_0382_5_43_C28_02	NA	[Online-Only Reader] Not Supported
T_0383_5_43_C29_01	Pass	
T_0384_5_43_C29_02	NA	[Online-Only Reader] Not Supported
T_0385_5_43_C30_01	Pass	
T_0386_5_43_C30_02	NA	[Online-Only Reader] Not Supported
T_0387_5_43_C31_01	Pass	
T_0388_5_43_C31_02	NA	[Online-Only Reader] Not Supported
T_0389_5_43_C32_01	Pass	
T_0390_5_43_C32_02	NA	[Online-Only Reader] Not Supported
T_0391_5_43_C33_01	Pass	
T_0392_5_43_C33_02	NA	[Online-Only Reader] Not Supported
T_0393_5_43_C34_01	Pass	
T_0394_5_43_C34_02	NA	[Online-Only Reader] Not Supported
T_0395_5_43_C35_01	Pass	
T_0396_5_43_C35_02	NA	[Online-Only Reader] Not Supported
T_0397_5_43_C36_01	Pass	
T_0398_5_43_C36_02	NA	[Online-Only Reader] Not Supported
T_0399_5_43_C37_01	Pass	
T_0400_5_43_C37_02	NA	[Online-Only Reader] Not Supported
T_0401_5_43_C38_01	Pass	
T_0402_5_43_C38_02	NA	[Online-Only Reader] Not Supported
T_0403_5_43_C39_01	Pass	
T_0404_5_43_C39_02	NA	[Online-Only Reader] Not Supported
T_0405_5_43_C40_01	Pass	
T_0406_5_43_C40_02	NA	[Online-Only Reader] Not Supported
T_0407_5_43_C41_01	Pass	
T_0408_5_43_C41_02	NA	[Online-Only Reader] Not Supported
T_0409_5_43_C42_01	Pass	
T_0410_5_43_C42_02	NA	[Online-Only Reader] Not Supported
T_0411_5_43_C43_01	Pass	

Test Case ID	Result	Lab Comment
T_0412_5_43_C43_02	NA	[Online-Only Reader] Not Supported
T_0413_5_43_C44_01	Pass	
T_0414_5_43_C44_02	NA	[Online-Only Reader] Not Supported
T_0415_5_43_C45_01	Pass	
T_0416_5_43_C45_02	NA	[Online-Only Reader] Not Supported
T_0417_5_43_C46_01	Pass	
T_0418_5_43_C46_02	NA	[Online-Only Reader] Not Supported
T_0419_5_43_C47_01	NA	[Mandatory DF Name (tag 84) in SELECT PPSE response] Supported
T_0420_5_43_C47_02	NA	[Mandatory DF Name (tag 84) in SELECT PPSE response] Supported and [Online-Only Reader] Not Supported
T_0421_5_44_C01_01	Pass	
T_0422_5_44_C01_02	NA	[Online-Only Reader] Not Supported
T_0423_5_45_C01_01	Pass	
T_0424_5_45_C01_02	NA	[Online-Only Reader] Not Supported
T_0425_5_45_C02_01	Pass	
T_0426_5_45_C02_02	NA	[Online-Only Reader] Not Supported
T_0427_5_45_C03_01	Pass	
T_0428_5_45_C03_02	NA	[Online-Only Reader] Not Supported
T_0429_5_45_C04_01	Pass	
T_0430_5_45_C04_02	NA	[Online-Only Reader] Not Supported
T_0431_5_47_C01_01	Pass	
T_0432_5_47_C01_02	NA	[Online-Only Reader] Not Supported
T_0433_5_47_C02_01	Pass	
T_0434_5_47_C02_02	NA	[Online-Only Reader] Not Supported
T_0435_5_47_C03_01	Fail	According to Visa query ASQ15882, the device behavior is accepted by Visa. See Appendix C.
T_0436_5_47_C04_01	Pass	
T_0437_5_47_C04_02	NA	[Online-Only Reader] Not Supported
T_0438_5_47_C05_01	Fail	According to Visa query ASQ15882, the device behavior is accepted by Visa. See Appendix C.
T_0439_5_47_C06_01	Pass	
T_0440_5_47_C06_02	NA	[Online-Only Reader] Not Supported
T_0441_5_47_C07_01	Pass	
T_0442_5_47_C07_02	NA	[Online-Only Reader] Not Supported
T_0443_5_47_C08_01	Pass	
T_0444_5_47_C08_02	NA	[Online-Only Reader] Not Supported
T_0445_5_47_C09_01	Pass	
T_0446_5_47_C09_02	NA	[Online-Only Reader] Not Supported
T_0447_5_49_C01_01	Pass	
T_0448_5_49_C01_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0449_5_49_C02_01	Pass	
T_0450_5_49_C02_02	NA	[Online-Only Reader] Not Supported
T_0451_5_49_C03_01	Pass	
T_0452_5_49_C03_02	NA	[Online-Only Reader] Not Supported
T_0453_5_50_C01_01	Pass	
T_0454_5_50_C01_02	NA	[Online-Only Reader] Not Supported
T_0455_5_50_C02_01	Pass	
T_0456_5_50_C02_02	NA	[Online-Only Reader] Not Supported
T_0457_5_50_C03_01	Pass	
T_0458_5_50_C03_02	NA	[Online-Only Reader] Not Supported
T_0459_5_50_C04_01	Pass	
T_0460_5_50_C04_02	NA	[Online-Only Reader] Not Supported
T_0461_5_50_C05_01	Pass	
T_0462_5_50_C05_02	NA	[Online-Only Reader] Not Supported
T_0463_5_50_C06_01	Pass	
T_0464_5_50_C06_02	NA	[Online-Only Reader] Not Supported
T_0465_5_50_C07_01	Pass	
T_0466_5_50_C07_02	NA	[Online-Only Reader] Not Supported
T_0467_5_50_C08_01	Pass	
T_0468_5_50_C08_02	NA	[Online-Only Reader] Not Supported
T_0469_5_50_C09_01	Pass	
T_0470_5_50_C09_02	NA	[Online-Only Reader] Not Supported
T_0471_5_51_C01_01	Pass	
T_0472_5_51_C01_02	NA	[Online-Only Reader] Not Supported
T_0473_5_51_C02_01	Pass	
T_0474_5_51_C02_02	NA	[Online-Only Reader] Not Supported
T_0475_5_51_C03_01	Pass	
T_0476_5_51_C03_02	NA	[Online-Only Reader] Not Supported
T_0477_5_51_C04_01	Pass	
T_0478_5_51_C04_02	NA	[Online-Only Reader] Not Supported
T_0479_5_51_C05_01	Pass	
T_0480_5_51_C05_02	NA	[Online-Only Reader] Not Supported
T_0481_5_51_C06_01	Pass	
T_0482_5_51_C06_02	NA	[Online-Only Reader] Not Supported
T_0483_5_51_C07_01	Pass	
T_0484_5_51_C07_02	NA	[Online-Only Reader] Not Supported
T_0485_5_51_C08_01	Pass	
T_0486_5_51_C08_02	NA	[Online-Only Reader] Not Supported
T_0487_5_51_C09_01	Pass	

Test Case ID	Result	Lab Comment
T_0488_5_51_C09_02	NA	[Online-Only Reader] Not Supported
T_0489_5_51_C10_01	Pass	
T_0490_5_51_C10_02	NA	[Online-Only Reader] Not Supported
T_0491_5_51_C11_01	Pass	
T_0492_5_51_C11_02	NA	[Online-Only Reader] Not Supported
T_0493_5_51_C12_01	Pass	
T_0494_5_51_C12_02	NA	[Online-Only Reader] Not Supported
T_0495_5_51_C13_01	Pass	
T_0496_5_51_C13_02	NA	[Online-Only Reader] Not Supported
T_0497_5_51_C14_01	Pass	
T_0498_5_51_C14_02	NA	[Online-Only Reader] Not Supported
T_0499_5_51_C15_01	Pass	
T_0500_5_51_C15_02	NA	[Online-Only Reader] Not Supported
T_0501_5_51_C16_01	Pass	
T_0502_5_51_C16_02	NA	[Online-Only Reader] Not Supported
T_0503_5_51_C17_01	Pass	
T_0504_5_51_C17_02	NA	[Online-Only Reader] Not Supported
T_0505_5_51_C18_01	Pass	
T_0506_5_51_C18_02	NA	[Online-Only Reader] Not Supported
T_0507_5_51_C19_01	Pass	
T_0508_5_51_C19_02	NA	[Online-Only Reader] Not Supported
T_0509_5_51_C20_01	Pass	
T_0510_5_51_C20_02	NA	[Online-Only Reader] Not Supported
T_0511_5_51_C21_01	Pass	
T_0512_5_51_C21_02	NA	[Online-Only Reader] Not Supported
T_0513_5_51_C22_01	Pass	
T_0514_5_51_C22_02	NA	[Online-Only Reader] Not Supported
T_0515_5_51_C23_01	Pass	
T_0516_5_51_C23_02	NA	[Online-Only Reader] Not Supported
T_0517_5_51_C24_01	Pass	
T_0518_5_51_C24_02	NA	[Online-Only Reader] Not Supported
T_0519_5_51_C25_01	Pass	
T_0520_5_51_C25_02	NA	[Online-Only Reader] Not Supported
T_0521_5_51_C27_01	Pass	
T_0522_5_51_C27_02	NA	[Online-Only Reader] Not Supported
T_0523_5_51_C28_01	Pass	
T_0524_5_51_C28_02	NA	[Online-Only Reader] Not Supported
T_0525_5_51_C29_01	Pass	
T_0526_5_51_C29_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0527_5_51_C30_01	Pass	
T_0528_5_51_C30_02	NA	[Online-Only Reader] Not Supported
T_0529_5_51_C31_01	Pass	
T_0530_5_51_C31_02	NA	[Online-Only Reader] Not Supported
T_0531_5_51_C32_01	Pass	
T_0532_5_51_C32_02	NA	[Online-Only Reader] Not Supported
T_0533_5_51_C33_01	Pass	
T_0534_5_51_C34_01	NA	[Mandatory DF Name (tag 84) in SELECT ADF response] Supported
T_0535_5_51_C34_02	NA	[Mandatory DF Name (tag 84) in SELECT ADF response] Supported and [Online-Only Reader] Not Supported
T_0536_5_52_C01_01	Pass	
T_0537_5_52_C01_02	NA	[Online-Only Reader] Not Supported
T_0538_5_52_C02_01	Pass	
T_0539_5_52_C02_02	NA	[Online-Only Reader] Not Supported
T_0540_5_52_C03_01	Pass	
T_0541_5_52_C04_01	NA	[Offline-Only Reader] Not Supported
T_0542_5_52_C05_01	Pass	
T_0543_5_52_C06_01	Pass	
T_0544_5_52_C06_02	NA	[Online-Only Reader] Not Supported
T_0545_5_52_C07_01	Pass	
T_0546_5_52_C08_01	Pass	
T_0547_5_52_C08_02	NA	[Online-Only Reader] Not Supported
T_0548_5_52_C09_01	Pass	
T_0549_5_52_C09_02	NA	[Online-Only Reader] Not Supported
T_0550_5_52_C10_01	NA	[Offline-Only Reader] Not Supported
T_0551_5_52_C11_01	NA	[Offline-Only Reader] Not Supported
T_0552_5_52_C12_01	NA	[Offline-Only Reader] Not Supported
T_0553_5_52_C13_01	NA	[Offline-Only Reader] Not Supported
T_0554_5_52_C14_01	NA	[Offline-Only Reader] Not Supported
T_0555_5_52_C15_01	NA	[Offline-Only Reader] Not Supported
T_0556_5_52_C16_01	NA	[Offline-Only Reader] Not Supported
T_0557_5_52_C17_01	NA	[Offline-Only Reader] Not Supported
T_0558_5_52_C18_01	NA	[Offline-Only Reader] Not Supported
T_0559_5_53_C01_01	Pass	
T_0560_5_53_C01_02	NA	[Online-Only Reader] Not Supported
T_0561_5_53_C02_01	Pass	
T_0562_5_53_C03_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0563_5_53_C04_01	Pass	
T_0564_5_53_C05_01	NA	[Offline-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0565_5_53_C06_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0566_5_53_C07_01	Pass	
T_0567_5_53_C07_02	NA	[Online-Only Reader] Not Supported
T_0568_5_53_C08_01	Pass	
T_0569_5_53_C08_02	NA	[Online-Only Reader] Not Supported
T_0570_5_53_C09_01	Pass	
T_0571_5_53_C10_01	NA	[Offline-Only Reader] Not Supported
T_0572_5_53_C11_01	Pass	
T_0573_5_53_C11_02	NA	[Online-Only Reader] Not Supported
T_0574_5_53_C12_01	Pass	
T_0575_5_53_C12_02	NA	[Online-Only Reader] Not Supported
T_0576_5_53_C13_01	Pass	
T_0577_5_53_C13_02	NA	[Online-Only Reader] Not Supported
T_0578_5_53_C14_01	Pass	
T_0579_5_53_C14_02	NA	[Online-Only Reader] Not Supported
T_0580_5_53_C15_01	Pass	
T_0581_5_53_C16_01	Pass	
T_0582_5_53_C18_01	Pass	
T_0583_5_53_C19_01	Pass	
T_0584_5_53_C19_02	NA	[Online-Only Reader] Not Supported
T_0585_5_53_C20_01	NA	[Offline-Only Reader] Not Supported
T_0586_5_53_C21_01	NA	[Offline-Only Reader] Not Supported
T_0587_5_53_C22_01	NA	[Offline-Only Reader] Not Supported
T_0588_5_53_C23_01	NA	[Offline-Only Reader] Not Supported
T_0589_5_53_C24_01	NA	[Offline-Only Reader] Not Supported
T_0590_5_53_C25_01	NA	[Offline-Only Reader] Not Supported
T_0591_5_53_C26_01	NA	[Offline-Only Reader] Not Supported
T_0592_5_53_C27_01	NA	[Offline-Only Reader] Not Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0593_5_53_C28_01	NA	[Offline-Only Reader] Not Supported
T_0594_5_53_C29_01	NA	[Offline-Only Reader] Not Supported
T_0595_5_53_C30_01	NA	[Offline-Only Reader] Not Supported
T_0596_5_53_C31_01	NA	[Offline-Only Reader] Not Supported
T_0597_5_53_C32_01	NA	[Offline-Only Reader] Not Supported
T_0598_5_53_C33_01	NA	[Offline-Only Reader] Not Supported
T_0599_5_53_C34_01	NA	[Offline-Only Reader] Not Supported
T_0600_5_53_C35_01	NA	[Offline-Only Reader] Not Supported
T_0601_5_53_C36_01	NA	[Offline-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0602_5_53_C37_01	NA	[Offline-Only Reader] Not Supported
T_0603_5_53_C38_01	NA	[Offline-Only Reader] Not Supported
T_0604_5_53_C39_01	NA	[Offline-Only Reader] Not Supported
T_0605_5_53_C40_01	NA	[Offline-Only Reader] Not Supported
T_0606_5_53_C41_01	NA	[Offline-Only Reader] Not Supported
T_0607_5_53_C42_01	NA	[Offline-Only Reader] Not Supported
T_0608_5_53_C43_01	NA	[Offline-Only Reader] Not Supported
T_0609_5_53_C44_01	NA	[Offline-Only Reader] Not Supported
T_0610_5_53_C45_01	NA	[Offline-Only Reader] Not Supported
T_0611_5_53_C46_01	NA	[Offline-Only Reader] Not Supported
T_0612_5_53_C47_01	NA	[Offline-Only Reader] Not Supported
T_0613_5_53_C48_01	NA	[Offline-Only Reader] Not Supported
T_0614_5_53_C49_01	NA	[Offline-Only Reader] Not Supported
T_0615_5_53_C50_01	NA	[Offline-Only Reader] Not Supported
T_0616_5_53_C51_01	NA	[Offline-Only Reader] Not Supported
T_0617_5_53_C52_01	NA	[Offline-Only Reader] Not Supported
T_0618_5_53_C53_01	NA	[Offline-Only Reader] Not Supported
T_0619_5_53_C54_01	NA	[Offline-Only Reader] Not Supported
T_0620_5_53_C55_01	NA	[Offline-Only Reader] Not Supported
T_0621_5_54_C001_01	Pass	
T_0622_5_54_C001_02	NA	[Online-Only Reader] Not Supported
T_0623_5_54_C002_01	Pass	
T_0624_5_54_C002_02	NA	[Online-Only Reader] Not Supported
T_0625_5_54_C003_01	Pass	
T_0626_5_54_C004_01	Pass	
T_0627_5_54_C004_02	NA	[Online-Only Reader] Not Supported
T_0628_5_54_C005_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0629_5_54_C006_01	Pass	
T_0630_5_54_C007_01	Pass	
T_0631_5_54_C007_02	NA	[Online-Only Reader] Not Supported
T_0632_5_54_C008_01	Pass	
T_0633_5_54_C008_02	NA	[Online-Only Reader] Not Supported
T_0634_5_54_C009_01	Pass	
T_0635_5_54_C009_02	NA	[Online-Only Reader] Not Supported
T_0636_5_54_C010_01	Pass	
T_0637_5_54_C010_02	NA	[Online-Only Reader] Not Supported
T_0638_5_54_C011_01	Pass	
T_0639_5_54_C012_01	Pass	
T_0640_5_54_C012_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0641_5_54_C013_01	Pass	
T_0642_5_54_C013_02	NA	[Online-Only Reader] Not Supported
T_0643_5_54_C014_01	Pass	
T_0644_5_54_C015_01	Pass	
T_0645_5_54_C015_02	NA	[Online-Only Reader] Not Supported
T_0646_5_54_C016_01	Pass	
T_0647_5_54_C017_01	Pass	
T_0648_5_54_C018_01	Pass	
T_0649_5_54_C019_01	Pass	
T_0650_5_54_C020_01	Pass	
T_0651_5_54_C020_02	NA	[Online-Only Reader] Not Supported
T_0652_5_54_C021_01	Pass	
T_0653_5_54_C022_01	Pass	
T_0654_5_54_C023_01	Pass	
T_0655_5_54_C023_02	NA	[Online-Only Reader] Not Supported
T_0656_5_54_C024_01	Pass	
T_0657_5_54_C025_01	Pass	
T_0658_5_54_C026_01	Pass	
T_0659_5_54_C026_02	NA	[Online-Only Reader] Not Supported
T_0660_5_54_C027_01	Pass	
T_0661_5_54_C028_01	Pass	
T_0662_5_54_C029_01	Pass	
T_0663_5_54_C029_02	NA	[Online-Only Reader] Not Supported
T_0664_5_54_C030_01	Pass	
T_0665_5_54_C031_01	Pass	
T_0666_5_54_C031_02	NA	[Online-Only Reader] Not Supported
T_0667_5_54_C032_01	Pass	
T_0668_5_54_C033_01	Pass	
T_0669_5_54_C034_01	Pass	
T_0670_5_54_C035_01	Pass	
T_0671_5_54_C036_01	Pass	
T_0672_5_54_C036_02	NA	[Online-Only Reader] Not Supported
T_0673_5_54_C037_01	Pass	
T_0674_5_54_C037_02	NA	[Online-Only Reader] Not Supported
T_0675_5_54_C038_01	Pass	
T_0676_5_54_C039_01	Pass	
T_0677_5_54_C040_01	Pass	
T_0678_5_54_C041_01	Pass	
T_0679_5_54_C041_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0680_5_54_C042_01	Pass	
T_0681_5_54_C043_01	Pass	
T_0682_5_54_C043_02	NA	[Online-Only Reader] Not Supported
T_0683_5_54_C044_01	Pass	
T_0684_5_54_C045_01	Pass	
T_0685_5_54_C046_01	Pass	
T_0686_5_54_C047_01	Pass	
T_0687_5_54_C048_01	Pass	
T_0688_5_54_C049_01	Pass	
T_0689_5_54_C050_01	Pass	
T_0690_5_54_C050_02	NA	[Online-Only Reader] Not Supported
T_0691_5_54_C051_01	Pass	
T_0692_5_54_C051_02	NA	[Online-Only Reader] Not Supported
T_0693_5_54_C052_01	Pass	
T_0694_5_54_C053_01	Pass	
T_0695_5_54_C054_01	Pass	
T_0696_5_54_C054_02	NA	[Online-Only Reader] Not Supported
T_0697_5_54_C055_01	Pass	
T_0698_5_54_C056_01	Pass	
T_0699_5_54_C056_02	NA	[Online-Only Reader] Not Supported
T_0700_5_54_C057_01	Pass	
T_0701_5_54_C057_02	NA	[Online-Only Reader] Not Supported
T_0702_5_54_C058_01	NA	[Offline-Only Reader] Not Supported
T_0703_5_54_C059_01	NA	[Offline-Only Reader] Not Supported
T_0704_5_54_C060_01	NA	[Offline-Only Reader] Not Supported
T_0705_5_54_C061_01	NA	[Offline-Only Reader] Not Supported
T_0706_5_54_C062_01	NA	[Offline-Only Reader] Not Supported
T_0707_5_54_C063_01	NA	[Offline-Only Reader] Not Supported
T_0708_5_54_C064_01	NA	[Offline-Only Reader] Not Supported
T_0709_5_54_C065_01	NA	[Offline-Only Reader] Not Supported
T_0710_5_54_C066_01	NA	[Offline-Only Reader] Not Supported
T_0711_5_54_C067_01	NA	[Offline-Only Reader] Not Supported
T_0712_5_54_C068_01	NA	[Offline-Only Reader] Not Supported
T_0713_5_54_C069_01	NA	[Offline-Only Reader] Not Supported
T_0714_5_54_C070_01	NA	[Offline-Only Reader] Not Supported
T_0715_5_54_C071_01	NA	[Offline-Only Reader] Not Supported
T_0716_5_54_C072_01	NA	[Offline-Only Reader] Not Supported
T_0717_5_54_C073_01	NA	[Offline-Only Reader] Not Supported
T_0718_5_54_C074_01	NA	[Offline-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0719_5_54_C075_01	NA	[Offline-Only Reader] Not Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0720_5_54_C076_01	NA	[Offline-Only Reader] Not Supported
T_0721_5_54_C077_01	NA	[Offline-Only Reader] Not Supported
T_0722_5_54_C078_01	NA	[Offline-Only Reader] Not Supported
T_0723_5_54_C079_01	NA	[Offline-Only Reader] Not Supported
T_0724_5_54_C080_01	NA	[Offline-Only Reader] Not Supported
T_0725_5_54_C081_01	NA	[Offline-Only Reader] Not Supported
T_0726_5_54_C082_01	NA	[Offline-Only Reader] Not Supported and [Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0727_5_54_C083_01	NA	[Offline-Only Reader] Not Supported
T_0728_5_54_C084_01	NA	[Offline-Only Reader] Not Supported
T_0729_5_54_C085_01	NA	[Offline-Only Reader] Not Supported
T_0730_5_54_C086_01	NA	[Offline-Only Reader] Not Supported
T_0731_5_54_C087_01	NA	[Offline-Only Reader] Not Supported
T_0732_5_54_C088_01	NA	[Offline-Only Reader] Not Supported
T_0733_5_54_C089_01	NA	[Offline-Only Reader] Not Supported
T_0734_5_54_C090_01	NA	[Offline-Only Reader] Not Supported
T_0735_5_54_C091_01	NA	[Offline-Only Reader] Not Supported
T_0736_5_54_C092_01	NA	[Offline-Only Reader] Not Supported
T_0737_5_54_C093_01	NA	[Offline-Only Reader] Not Supported
T_0738_5_54_C094_01	NA	[Offline-Only Reader] Not Supported
T_0739_5_54_C095_01	NA	[Offline-Only Reader] Not Supported
T_0740_5_54_C096_01	NA	[Offline-Only Reader] Not Supported
T_0741_5_54_C097_01	NA	[Offline-Only Reader] Not Supported
T_0742_5_54_C098_01	NA	[Offline-Only Reader] Not Supported
T_0743_5_54_C099_01	NA	[Offline-Only Reader] Not Supported
T_0744_5_54_C100_01	NA	[Offline-Only Reader] Not Supported
T_0745_5_54_C101_01	NA	[Offline-Only Reader] Not Supported
T_0746_5_54_C102_01	NA	[Offline-Only Reader] Not Supported
T_0747_5_54_C103_01	NA	[Offline-Only Reader] Not Supported
T_0748_5_54_C104_01	NA	[Offline-Only Reader] Not Supported
T_0749_5_54_C105_01	NA	[Offline-Only Reader] Not Supported
T_0750_5_54_C106_01	NA	[Offline-Only Reader] Not Supported
T_0751_5_54_C107_01	NA	[Offline-Only Reader] Not Supported
T_0752_5_54_C108_01	NA	[Offline-Only Reader] Not Supported
T_0753_5_54_C109_01	NA	[Offline-Only Reader] Not Supported
T_0754_5_54_C110_01	NA	[Offline-Only Reader] Not Supported
T_0755_5_54_C111_01	NA	[Offline-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0756_5_54_C112_01	NA	[Offline-Only Reader] Not Supported
T_0757_5_54_C113_01	NA	[Offline-Only Reader] Not Supported
T_0758_5_54_C114_01	NA	[Offline-Only Reader] Not Supported
T_0759_5_54_C115_01	NA	[Offline-Only Reader] Not Supported
T_0760_5_54_C116_01	NA	[Offline-Only Reader] Not Supported
T_0761_5_54_C117_01	NA	[Offline-Only Reader] Not Supported
T_0762_5_54_C118_01	NA	[Offline-Only Reader] Not Supported
T_0763_5_54_C119_01	NA	[Offline-Only Reader] Not Supported
T_0764_5_54_C120_01	NA	[Offline-Only Reader] Not Supported
T_0765_5_54_C121_01	Pass	
T_0766_5_54_C121_02	NA	[Online-Only Reader] Not Supported
T_0767_5_55_C01_01	Pass	
T_0768_5_55_C02_01	Pass	
T_0769_5_55_C03_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0770_5_55_C04_01	Pass	
T_0771_5_55_C04_02	NA	[Online-Only Reader] Not Supported
T_0772_5_55_C05_01	Pass	
T_0773_5_55_C06_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0774_5_55_C07_01	Pass	
T_0775_5_55_C08_01	Pass	
T_0776_5_55_C09_01	NA	[Leaving the Contactless Interface Powered On when 'Contactless Application not Allowed' Indicator is set] Supported
T_0777_5_55_C10_01	Pass	
T_0778_5_55_C10_02	NA	[Online-Only Reader] Not Supported
T_0779_5_56_C01_01	Pass	
T_0780_5_56_C01_02	NA	[Online-Only Reader] Not Supported
T_0781_5_56_C02_01	Pass	
T_0782_5_56_C02_02	NA	[Online-Only Reader] Not Supported
T_0783_5_56_C03_01	Pass	
T_0784_5_56_C03_02	NA	[Online-Only Reader] Not Supported
T_0785_5_56_C04_01	Pass	
T_0786_5_56_C05_01	Pass	
T_0787_5_56_C06_01	Pass	
T_0788_5_56_C06_02	NA	[Online-Only Reader] Not Supported
T_0789_5_56_C07_01	Pass	
T_0790_5_56_C07_02	NA	[Online-Only Reader] Not Supported
T_0791_5_56_C08_01	Pass	
T_0792_5_56_C08_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0793_5_56_C09_01	Pass	
T_0794_5_56_C09_02	NA	[Online-Only Reader] Not Supported
T_0795_5_56_C10_01	Pass	
T_0796_5_56_C10_02	NA	[Online-Only Reader] Not Supported
T_0797_5_56_C11_01	Pass	
T_0798_5_56_C11_02	NA	[Online-Only Reader] Not Supported
T_0799_5_56_C12_01	Pass	
T_0800_5_56_C12_02	NA	[Online-Only Reader] Not Supported
T_0801_5_56_C13_01	Pass	
T_0802_5_56_C13_02	NA	[Online-Only Reader] Not Supported
T_0803_5_56_C14_01	Pass	
T_0804_5_56_C14_02	NA	[Online-Only Reader] Not Supported
T_0805_5_56_C15_01	Pass	
T_0806_5_56_C15_02	NA	[Online-Only Reader] Not Supported
T_0807_5_56_C16_01	Pass	
T_0808_5_56_C16_02	NA	[Online-Only Reader] Not Supported
T_0809_5_56_C17_01	Pass	
T_0810_5_56_C17_02	NA	[Online-Only Reader] Not Supported
T_0811_5_56_C18_01	Pass	
T_0812_5_56_C18_02	NA	[Online-Only Reader] Not Supported
T_0813_5_57_C01_01	Pass	
T_0814_5_57_C02_01	Pass	
T_0815_5_57_C03_01	Pass	
T_0816_5_57_C04_01	Pass	
T_0817_5_57_C05_01	Pass	
T_0818_5_57_C06_01	NA	[Online-Only Reader] Not Supported
T_0819_5_57_C08_01	NA	[Online-Only Reader] Not Supported
T_0820_5_57_C09_01	Pass	
T_0821_5_57_C10_01	Pass	
T_0822_5_57_C11_01	Pass	
T_0823_5_57_C12_01	Pass	
T_0824_5_57_C13_01	Pass	
T_0825_5_57_C14_01	Pass	
T_0826_5_57_C15_01	Pass	
T_0827_5_57_C16_01	Pass	
T_0828_5_57_C17_01	Pass	
T_0829_5_57_C18_01	Pass	
T_0830_5_57_C19_01	NA	[Online-Only Reader] Not Supported
T_0831_5_57_C20_01	Pass	

Test Case ID	Result	Lab Comment
T_0832_5_57_C21_01	NA	[Online-Only Reader] Not Supported
T_0833_5_57_C22_01	Pass	
T_0834_5_57_C23_01	NA	[Online-Only Reader] Not Supported
T_0835_5_57_C24_01	NA	[Online-Only Reader] Not Supported
T_0836_5_57_C24_02	NA	[Online-Only Reader] Not Supported
T_0837_5_57_C24_03	NA	[Online-Only Reader] Not Supported
T_0838_5_57_C24_04	NA	[Online-Only Reader] Not Supported
T_0839_5_57_C24_05	NA	[Online-Only Reader] Not Supported
T_0840_5_57_C25_01	Pass	
T_0841_5_57_C25_02	Pass	
T_0842_5_57_C25_03	Pass	
T_0843_5_57_C25_04	Pass	
T_0844_5_57_C25_05	Pass	
T_0845_5_58_C01_01	Pass	
T_0846_5_58_C01_02	NA	[Online-Only Reader] Not Supported
T_0847_5_58_C02_01	Pass	
T_0848_5_58_C02_02	NA	[Online-Only Reader] Not Supported
T_0849_5_58_C03_01	Pass	
T_0850_5_58_C04_01	Pass	
T_0851_5_58_C05_01	Pass	
T_0852_5_58_C06_01	Pass	
T_0853_5_58_C07_01	Pass	
T_0854_5_58_C08_01	Pass	
T_0855_5_58_C09_01	Pass	
T_0856_5_58_C10_01	Pass	
T_0857_5_58_C11_01	Pass	
T_0858_5_58_C12_01	Pass	
T_0859_5_58_C12_02	NA	[Online-Only Reader] Not Supported
T_0860_5_58_C13_01	Pass	
T_0861_5_58_C13_02	NA	[Online-Only Reader] Not Supported
T_0862_5_58_C14_01	Pass	
T_0863_5_58_C14_02	NA	[Online-Only Reader] Not Supported
T_0864_5_58_C15_01	Pass	
T_0865_5_58_C15_02	NA	[Online-Only Reader] Not Supported
T_0866_5_58_C16_01	Pass	
T_0867_5_58_C16_02	NA	[Online-Only Reader] Not Supported
T_0868_5_58_C17_01	Pass	
T_0869_5_58_C18_01	Pass	
T_0870_5_58_C19_01	Pass	

Test Case ID	Result	Lab Comment
T_0871_5_58_C20_01	Pass	
T_0872_5_58_C21_01	Pass	
T_0873_5_58_C21_02	NA	[Online-Only Reader] Not Supported
T_0874_5_59_C01_01	Pass	
T_0875_5_59_C01_02	NA	[Online-Only Reader] Not Supported
T_0876_5_59_C02_01	Pass	
T_0877_5_59_C02_02	NA	[Online-Only Reader] Not Supported
T_0878_5_59_C03_01	Pass	
T_0879_5_59_C03_02	NA	[Online-Only Reader] Not Supported
T_0880_5_59_C04_01	Pass	
T_0881_5_59_C04_02	NA	[Online-Only Reader] Not Supported
T_0882_5_59_C05_01	Pass	
T_0883_5_59_C05_02	NA	[Online-Only Reader] Not Supported
T_0884_5_59_C06_01	Pass	
T_0885_5_59_C06_02	NA	[Online-Only Reader] Not Supported
T_0886_5_59_C07_01	Pass	
T_0887_5_59_C07_02	NA	[Online-Only Reader] Not Supported
T_0888_5_59_C08_01	Pass	
T_0889_5_59_C08_02	NA	[Online-Only Reader] Not Supported
T_0890_5_59_C09_01	Pass	
T_0891_5_59_C09_02	NA	[Online-Only Reader] Not Supported
T_0892_5_59_C10_01	Pass	
T_0893_5_59_C11_01	Pass	
T_0894_5_59_C12_01	Pass	
T_0895_5_59_C13_01	Pass	
T_0896_5_59_C14_01	Pass	
T_0897_5_59_C15_01	Pass	
T_0898_5_59_C16_01	Pass	
T_0899_5_59_C16_02	NA	[Online-Only Reader] Not Supported
T_0900_5_59_C17_01	Pass	
T_0901_5_59_C17_02	NA	[Online-Only Reader] Not Supported
T_0902_5_59_C18_01	Pass	
T_0903_5_59_C18_02	NA	[Online-Only Reader] Not Supported
T_0904_5_59_C19_01	Pass	
T_0905_5_59_C19_02	NA	[Online-Only Reader] Not Supported
T_0906_5_59_C20_01	Pass	
T_0907_5_59_C20_02	NA	[Online-Only Reader] Not Supported
T_0908_5_59_C21_01	Pass	
T_0909_5_59_C21_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0910_5_59_C22_01	Pass	
T_0911_5_59_C23_01	Pass	
T_0912_5_59_C24_01	NA	[Online-Only Reader] Not Supported
T_0913_5_59_C25_01	NA	[Online-Only Reader] Not Supported
T_0914_5_5_C03_01	Pass	
T_0915_5_5_C03_02	NA	[Online-Only Reader] Not Supported
T_0916_5_61_C01_01	Pass	When the transaction outcome is Switch Interface, the amount is not required to be re-entered and transaction in contact interface is performed. For that reason, the verdict of additional Pass criteria is Pass. See Visa communication from Appendix D.
T_0917_5_61_C02_01	Pass	
T_0918_5_61_C02_02	NA	[Online-Only Reader] Not Supported
T_0919_5_61_C03_01	Pass	
T_0920_5_61_C03_02	NA	[Online-Only Reader] Not Supported
T_0921_5_61_C04_01	Pass	
T_0922_5_61_C04_02	NA	[Online-Only Reader] Not Supported
T_0923_5_61_C05_01	Pass	
T_0924_5_61_C05_02	NA	[Online-Only Reader] Not Supported
T_0925_5_61_C06_01	Pass	
T_0926_5_61_C06_02	NA	[Online-Only Reader] Not Supported
T_0927_5_61_C07_01	Pass	
T_0928_5_61_C07_02	NA	[Online-Only Reader] Not Supported
T_0929_5_61_C08_01	Pass	
T_0930_5_61_C08_02	NA	[Online-Only Reader] Not Supported
T_0931_5_61_C09_01	Pass	
T_0932_5_61_C09_02	NA	[Online-Only Reader] Not Supported
T_0933_5_61_C10_01	Pass	
T_0934_5_61_C10_02	NA	[Online-Only Reader] Not Supported
T_0935_5_61_C11_01	Pass	
T_0936_5_61_C11_02	NA	[Online-Only Reader] Not Supported
T_0937_5_61_C12_01	Pass	
T_0938_5_61_C12_02	NA	[Online-Only Reader] Not Supported
T_0939_5_61_C13_01	NA	[Contact VSDC Functionality] Supported and [Magstripe] Supported
T_0940_5_61_C13_02	NA	[Contact VSDC Functionality] Supported and [Magstripe] Supported and [Online-Only Reader] Not Supported
T_0941_5_61_C14_01	Pass	
T_0942_5_61_C14_02	NA	[Online-Only Reader] Not Supported
T_0943_5_61_C15_01	Pass	
T_0944_5_61_C15_02	NA	[Online-Only Reader] Not Supported
T_0945_5_61_C17_01	Pass	
T_0946_5_61_C18_01	Pass	

Test Case ID	Result	Lab Comment
T_0947_5_61_C19_01	NA	[Offline-Only Reader] Not Supported
T_0948_5_61_C20_01	Pass	
T_0949_5_61_C21_01	Pass	
T_0950_5_61_C22_01	Pass	
T_0951_5_61_C22_02	NA	[Online-Only Reader] Not Supported
T_0952_5_63_C01_01	Pass	
T_0953_5_63_C01_02	NA	[Online-Only Reader] Not Supported
T_0954_5_63_C02_01	Pass	
T_0955_5_63_C02_02	NA	[Online-Only Reader] Not Supported
T_0956_5_63_C03_01	Pass	
T_0957_5_63_C03_02	NA	[Online-Only Reader] Not Supported
T_0958_5_63_C04_01	Pass	
T_0959_5_63_C04_02	NA	[Online-Only Reader] Not Supported
T_0960_5_63_C05_01	Pass	
T_0961_5_63_C05_02	NA	[Online-Only Reader] Not Supported
T_0962_5_63_C06_01	Pass	
T_0963_5_63_C06_02	NA	[Online-Only Reader] Not Supported
T_0964_5_63_C07_01	Pass	
T_0965_5_63_C07_02	NA	[Online-Only Reader] Not Supported
T_0966_5_63_C08_01	Pass	
T_0967_5_63_C08_02	NA	[Online-Only Reader] Not Supported
T_0968_5_63_C09_01	Pass	
T_0969_5_63_C09_02	NA	[Online-Only Reader] Not Supported
T_0970_5_63_C10_01	Pass	
T_0971_5_63_C10_02	NA	[Online-Only Reader] Not Supported
T_0972_5_63_C11_01	Pass	
T_0973_5_63_C11_02	NA	[Online-Only Reader] Not Supported
T_0974_5_63_C12_01	Pass	
T_0975_5_63_C12_02	NA	[Online-Only Reader] Not Supported
T_0976_5_63_C13_01	Pass	
T_0977_5_63_C13_02	NA	[Online-Only Reader] Not Supported
T_0978_5_63_C14_01	Pass	
T_0979_5_63_C14_02	NA	[Online-Only Reader] Not Supported
T_0980_5_63_C15_01	Pass	
T_0981_5_63_C16_01	NA	[Online-Only Reader] Not Supported
T_0982_5_63_C17_01	Pass	
T_0983_5_63_C17_02	NA	[Online-Only Reader] Not Supported
T_0984_5_63_C18_01	Pass	
T_0985_5_63_C19_01	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_0986_5_63_C20_01	Pass	
T_0987_5_63_C20_02	NA	[Online-Only Reader] Not Supported
T_0988_5_63_C21_01	Pass	
T_0989_5_63_C21_02	NA	[Online-Only Reader] Not Supported
T_0990_5_63_C22_01	Pass	
T_0991_5_63_C23_01	Pass	
T_0992_5_63_C24_01	Pass	
T_0993_5_63_C25_01	Pass	
T_0994_5_63_C25_02	NA	[Online-Only Reader] Not Supported
T_0995_5_63_C26_01	Pass	
T_0996_5_63_C26_02	NA	[Online-Only Reader] Not Supported
T_0997_5_63_C27_01	Pass	
T_0998_5_63_C28_01	NA	[Online-Only Reader] Not Supported
T_0999_5_63_C29_01	Pass	
T_1000_5_63_C29_02	NA	[Online-Only Reader] Not Supported
T_1001_5_64_C01_01	Pass	
T_1002_5_64_C02_01	Pass	
T_1003_5_64_C03_01	Pass	
T_1004_5_64_C04_01	Pass	
T_1005_5_64_C05_01	Pass	
T_1006_5_64_C05_02	NA	[Online-Only Reader] Not Supported
T_1007_5_64_C06_01	Pass	
T_1008_5_64_C06_02	NA	[Online-Only Reader] Not Supported
T_1009_5_64_C07_01	Pass	
T_1010_5_64_C07_02	NA	[Online-Only Reader] Not Supported
T_1011_5_64_C08_01	Pass	
T_1012_5_64_C08_02	NA	[Online-Only Reader] Not Supported
T_1013_5_64_C09_01	Pass	
T_1014_5_64_C09_02	NA	[Online-Only Reader] Not Supported
T_1015_5_64_C10_01	Pass	
T_1016_5_64_C10_02	NA	[Online-Only Reader] Not Supported
T_1017_5_64_C11_01	Pass	
T_1018_5_64_C11_02	NA	[Online-Only Reader] Not Supported
T_1019_5_64_C12_01	Pass	
T_1020_5_64_C12_02	NA	[Online-Only Reader] Not Supported
T_1021_5_64_C13_01	Pass	
T_1022_5_64_C13_02	NA	[Online-Only Reader] Not Supported
T_1023_5_64_C14_01	Pass	
T_1024_5_64_C14_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_1025_5_64_C15_01	Pass	
T_1026_5_64_C15_02	NA	[Online-Only Reader] Not Supported
T_1027_5_64_C16_01	Pass	
T_1028_5_64_C16_02	NA	[Online-Only Reader] Not Supported
T_1029_5_64_C17_01	Pass	
T_1030_5_64_C17_02	NA	[Online-Only Reader] Not Supported
T_1031_5_64_C18_01	Pass	
T_1032_5_64_C18_02	NA	[Online-Only Reader] Not Supported
T_1033_5_64_C19_01	Pass	
T_1034_5_64_C19_02	NA	[Online-Only Reader] Not Supported
T_1035_5_64_C20_01	Pass	
T_1036_5_64_C20_02	NA	[Online-Only Reader] Not Supported
T_1037_5_64_C21_01	Pass	
T_1038_5_64_C22_01	NA	[Online-Only Reader] Not Supported
T_1039_5_64_C23_01	Pass	
T_1040_5_64_C24_01	NA	[Online-Only Reader] Not Supported
T_1041_5_64_C25_01	Pass	
T_1042_5_64_C26_01	NA	[Online-Only Reader] Not Supported
T_1043_5_64_C27_01	Pass	
T_1044_5_64_C28_01	NA	[Online-Only Reader] Not Supported
T_1045_5_64_C29_01	Pass	
T_1046_5_64_C30_01	NA	[Online-Only Reader] Not Supported
T_1047_5_64_C31_01	Pass	
T_1048_5_64_C32_01	NA	[Online-Only Reader] Not Supported
T_1049_5_64_C33_01	Pass	
T_1050_5_64_C33_02	NA	[Online-Only Reader] Not Supported
T_1051_5_64_C34_01	Pass	
T_1052_5_64_C34_02	NA	[Online-Only Reader] Not Supported
T_1053_5_64_C35_01	Pass	
T_1054_5_64_C35_02	NA	[Online-Only Reader] Not Supported
T_1055_5_64_C36_01	Pass	
T_1056_5_64_C37_01	NA	[Online-Only Reader] Not Supported
T_1057_5_64_C38_01	Pass	
T_1058_5_64_C38_02	NA	[Online-Only Reader] Not Supported
T_1059_5_64_C39_01	Pass	
T_1060_5_64_C39_02	NA	[Online-Only Reader] Not Supported
T_1061_5_64_C40_01	Pass	
T_1062_5_64_C40_02	NA	[Online-Only Reader] Not Supported
T_1063_5_64_C41_01	Pass	

Test Case ID	Result	Lab Comment
T_1064_5_64_C42_01	Pass	
T_1065_5_64_C43_01	Pass	
T_1066_5_64_C43_02	NA	[Online-Only Reader] Not Supported
T_1067_5_65_C01_01	Pass	
T_1068_5_65_C02_01	Pass	
T_1069_5_67_C01_01	Pass	
T_1070_5_67_C02_01	Pass	
T_1071_5_67_C03_01	Pass	
T_1072_5_67_C04_01	Pass	
T_1073_5_67_C05_01	NA	[Online-Only Reader] Not Supported
T_1074_5_67_C06_01	Pass	
T_1075_5_67_C07_01	NA	[Online-Only Reader] Not Supported
T_1076_5_67_C08_01	Pass	
T_1077_5_67_C09_01	NA	[Online-Only Reader] Not Supported
T_1078_5_67_C10_01	Pass	
T_1079_5_67_C11_01	NA	[Online-Only Reader] Not Supported
T_1080_5_67_C12_01	Pass	
T_1081_5_67_C13_01	NA	[Online-Only Reader] Not Supported
T_1082_5_67_C15_01	Pass	
T_1083_5_67_C16_01	Pass	
T_1084_5_67_C16_02	NA	[Online-Only Reader] Not Supported
T_1085_5_67_C17_01	Pass	
T_1086_5_67_C17_02	NA	[Online-Only Reader] Not Supported
T_1087_5_67_C18_01	Pass	
T_1088_5_67_C18_02	NA	[Online-Only Reader] Not Supported
T_1089_5_67_C19_01	Pass	
T_1090_5_67_C20_01	Pass	
T_1091_5_67_C21_01	Pass	
T_1092_5_67_C22_01	Pass	
T_1093_5_67_C23_01	Pass	
T_1094_5_67_C24_01	Pass	
T_1095_5_67_C25_01	Pass	
T_1096_5_67_C26_01	Pass	
T_1097_5_67_C27_01	Pass	
T_1098_5_67_C28_01	NA	[Online-Only Reader] Not Supported
T_1099_5_67_C29_01	Pass	
T_1100_5_67_C29_02	Pass	
T_1101_5_67_C29_03	Pass	
T_1102_5_67_C29_04	Pass	

Test Case ID	Result	Lab Comment
T_1103_5_67_C29_05	Pass	
T_1104_5_67_C29_06	Pass	
T_1105_5_67_C29_07	Pass	
T_1106_5_67_C29_08	Pass	
T_1107_5_67_C30_01	NA	[Online-Only Reader] Not Supported
T_1108_5_67_C30_02	NA	[Online-Only Reader] Not Supported
T_1109_5_67_C30_03	NA	[Online-Only Reader] Not Supported
T_1110_5_67_C30_04	NA	[Online-Only Reader] Not Supported
T_1111_5_67_C30_05	NA	[Online-Only Reader] Not Supported
T_1112_5_67_C30_06	NA	[Online-Only Reader] Not Supported
T_1113_5_67_C30_07	NA	[Online-Only Reader] Not Supported
T_1114_5_67_C30_08	NA	[Online-Only Reader] Not Supported
T_1115_5_67_C31_01	Pass	
T_1116_5_67_C32_01	NA	[Online-Only Reader] Not Supported
T_1117_5_67_C33_01	Pass	
T_1118_5_67_C33_02	NA	[Online-Only Reader] Not Supported
T_1119_5_67_C34_01	Pass	
T_1120_5_67_C34_02	NA	[Online-Only Reader] Not Supported
T_1121_5_68_C01_01	Pass	
T_1122_5_68_C02_01	NA	[Online-Only Reader] Not Supported
T_1123_5_68_C03_01	Pass	
T_1124_5_68_C03_02	NA	[Online-Only Reader] Not Supported
T_1125_5_68_C04_01	Pass	
T_1126_5_68_C04_02	NA	[Online-Only Reader] Not Supported
T_1127_5_68_C05_01	Pass	
T_1128_5_68_C06_01	NA	[Online-Only Reader] Not Supported
T_1129_5_68_C07_01	Pass	
T_1130_5_68_C07_02	NA	[Online-Only Reader] Not Supported
T_1131_5_68_C10_01	Pass	
T_1132_5_68_C11_01	NA	[Online-Only Reader] Not Supported
T_1133_5_68_C13_01	Pass	
T_1134_5_68_C14_01	NA	[Online-Only Reader] Not Supported
T_1135_5_68_C15_01	Pass	
T_1136_5_68_C16_01	NA	[Online-Only Reader] Not Supported
T_1137_5_68_C17_01	Pass	
T_1138_5_68_C18_01	Pass	
T_1139_5_68_C19_01	Pass	
T_1140_5_68_C20_01	Pass	
T_1141_5_68_C23_01	Pass	

Test Case ID	Result	Lab Comment
T_1142_5_68_C24_01	Pass	
T_1143_5_68_C25_01	Pass	
T_1144_5_68_C26_01	NA	[Online-Only Reader] Not Supported
T_1145_5_68_C27_01	Pass	
T_1146_5_68_C27_02	NA	[Online-Only Reader] Not Supported
T_1147_5_69_C01_01	Pass	
T_1148_5_69_C01_02	NA	[Online-Only Reader] Not Supported
T_1149_5_69_C02_01	Pass	
T_1150_5_69_C02_02	NA	[Online-Only Reader] Not Supported
T_1151_5_69_C03_01	Pass	
T_1152_5_69_C03_02	NA	[Online-Only Reader] Not Supported
T_1153_5_69_C04_01	Pass	
T_1154_5_69_C04_02	NA	[Online-Only Reader] Not Supported
T_1155_5_69_C05_01	Pass	
T_1156_5_69_C06_01	Pass	
T_1157_5_6_C01_01	Pass	
T_1158_5_70_C01_01	Pass	
T_1159_5_70_C01_02	NA	[Online-Only Reader] Not Supported
T_1160_5_70_C02_01	Pass	
T_1161_5_70_C02_02	NA	[Online-Only Reader] Not Supported
T_1162_5_70_C03_01	Pass	
T_1163_5_70_C04_01	Pass	
T_1164_5_70_C05_01	Pass	
T_1165_5_70_C05_02	NA	[Online-Only Reader] Not Supported
T_1166_5_70_C06_01	Pass	
T_1167_5_70_C06_02	NA	[Online-Only Reader] Not Supported
T_1168_5_70_C07_01	Pass	
T_1169_5_70_C08_01	Pass	
T_1170_5_70_C09_01	Pass	
T_1171_5_70_C10_01	NA	[Online-Only Reader] Not Supported
T_1172_5_74_C01_01	Pass	
T_1173_5_74_C02_01	Pass	
T_1174_5_74_C04_01	Pass	
T_1175_5_74_C05_01	Pass	
T_1176_5_74_C07_01	Pass	
T_1177_5_74_C08_01	Pass	
T_1178_5_74_C09_01	Pass	
T_1179_5_74_C11_01	NA	[Offline-Only Reader] Not Supported
T_1180_5_74_C12_01	NA	[Offline-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_1181_5_74_C14_01	Pass	
T_1182_5_74_C15_01	Pass	
T_1183_5_74_C16_01	Pass	
T_1184_5_74_C17_01	NA	[Offline-Only Reader] Not Supported
T_1185_5_74_C18_01	Pass	
T_1186_5_74_C19_01	Pass	
T_1187_5_74_C20_01	Pass	
T_1188_5_74_C21_01	Pass	
T_1189_5_74_C22_01	Pass	
T_1190_5_74_C23_01	Pass	
T_1191_5_74_C24_01	Pass	
T_1192_5_74_C25_01	Pass	
T_1193_5_74_C26_01	Pass	
T_1194_5_74_C27_01	Pass	
T_1195_5_75_C01_01	Pass	
T_1196_5_75_C01_02	NA	[Online-Only Reader] Not Supported
T_1197_5_75_C02_01	Pass	
T_1198_5_75_C02_02	NA	[Online-Only Reader] Not Supported
T_1199_5_75_C03_01	Pass	
T_1200_5_75_C03_02	NA	[Online-Only Reader] Not Supported
T_1201_5_75_C04_01	Pass	
T_1202_5_76_C01_01	Pass	
T_1203_5_76_C01_02	NA	[Online-Only Reader] Not Supported
T_1204_5_76_C02_01	Pass	
T_1205_5_76_C02_02	NA	[Online-Only Reader] Not Supported
T_1206_5_76_C03_01	Pass	
T_1207_5_76_C03_02	NA	[Online-Only Reader] Not Supported
T_1208_5_76_C04_01	Pass	
T_1209_5_76_C04_02	NA	[Online-Only Reader] Not Supported
T_1210_5_76_C06_01	Pass	
T_1211_5_76_C06_02	NA	[Online-Only Reader] Not Supported
T_1212_5_76_C07_01	Pass	
T_1213_5_76_C07_02	NA	[Online-Only Reader] Not Supported
T_1214_5_76_C08_01	Pass	
T_1215_5_76_C08_02	NA	[Online-Only Reader] Not Supported
T_1216_5_76_C10_01	Pass	
T_1217_5_76_C10_02	NA	[Online-Only Reader] Not Supported
T_1218_5_76_C11_01	Pass	
T_1219_5_76_C11_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_1220_5_76_C12_01	Pass	
T_1221_5_76_C12_02	NA	[Online-Only Reader] Not Supported
T_1222_5_76_C13_01	Pass	
T_1223_5_76_C13_02	NA	[Online-Only Reader] Not Supported
T_1224_5_76_C14_01	Pass	
T_1225_5_76_C14_02	NA	[Online-Only Reader] Not Supported
T_1226_5_76_C15_01	Pass	
T_1227_5_76_C15_02	NA	[Online-Only Reader] Not Supported
T_1228_5_76_C16_01	Pass	
T_1229_5_76_C16_02	NA	[Online-Only Reader] Not Supported
T_1230_5_76_C17_01	Pass	
T_1231_5_76_C17_02	NA	[Online-Only Reader] Not Supported
T_1232_5_76_C18_01	Pass	
T_1233_5_76_C18_02	NA	[Online-Only Reader] Not Supported
T_1234_5_76_C19_01	Pass	
T_1235_5_76_C19_02	NA	[Online-Only Reader] Not Supported
T_1236_5_76_C20_01	Pass	
T_1237_5_76_C20_02	NA	[Online-Only Reader] Not Supported
T_1238_5_76_C21_01	Pass	
T_1239_5_76_C21_02	NA	[Online-Only Reader] Not Supported
T_1240_5_76_C23_01	Pass	
T_1241_5_76_C23_02	NA	[Online-Only Reader] Not Supported
T_1242_5_76_C24_01	Pass	
T_1243_5_76_C24_02	NA	[Online-Only Reader] Not Supported
T_1244_5_76_C25_01	Pass	
T_1245_5_76_C25_02	NA	[Online-Only Reader] Not Supported
T_1246_5_76_C27_01	Pass	
T_1247_5_76_C27_02	NA	[Online-Only Reader] Not Supported
T_1248_5_76_C28_01	Pass	
T_1249_5_76_C28_02	NA	[Online-Only Reader] Not Supported
T_1250_5_76_C29_01	Pass	
T_1251_5_76_C30_01	Pass	
T_1252_5_76_C30_02	NA	[Online-Only Reader] Not Supported
T_1253_5_76_C32_01	Pass	
T_1254_5_76_C32_02	NA	[Online-Only Reader] Not Supported
T_1255_5_76_C33_01	Pass	
T_1256_5_76_C33_02	NA	[Online-Only Reader] Not Supported
T_1257_5_76_C34_01	Pass	
T_1258_5_76_C34_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_1259_5_76_C36_01	Pass	
T_1260_5_76_C36_02	NA	[Online-Only Reader] Not Supported
T_1261_5_76_C37_01	Pass	
T_1262_5_76_C37_02	NA	[Online-Only Reader] Not Supported
T_1263_5_76_C38_01	Pass	
T_1264_5_76_C38_02	NA	[Online-Only Reader] Not Supported
T_1265_5_76_C39_01	Pass	
T_1266_5_76_C39_02	NA	[Online-Only Reader] Not Supported
T_1267_5_76_C40_01	Pass	
T_1268_5_76_C40_02	NA	[Online-Only Reader] Not Supported
T_1269_5_76_C41_01	Pass	
T_1270_5_76_C41_02	NA	[Online-Only Reader] Not Supported
T_1271_5_76_C42_01	Pass	
T_1272_5_76_C42_02	NA	[Online-Only Reader] Not Supported
T_1273_5_76_C43_01	Pass	
T_1274_5_76_C43_02	NA	[Online-Only Reader] Not Supported
T_1275_5_76_C44_01	Pass	
T_1276_5_76_C44_02	NA	[Online-Only Reader] Not Supported
T_1277_5_76_C45_01	Pass	
T_1278_5_76_C45_02	NA	[Online-Only Reader] Not Supported
T_1279_5_76_C46_01	Pass	
T_1280_5_76_C46_02	NA	[Online-Only Reader] Not Supported
T_1281_5_76_C47_01	Pass	
T_1282_5_76_C47_02	NA	[Online-Only Reader] Not Supported
T_1283_5_76_C48_01	Pass	
T_1284_5_76_C48_02	NA	[Online-Only Reader] Not Supported
T_1285_5_76_C49_01	Pass	
T_1286_5_76_C49_02	NA	[Online-Only Reader] Not Supported
T_1287_5_76_C50_01	Pass	
T_1288_5_76_C50_02	NA	[Online-Only Reader] Not Supported
T_1289_5_76_C51_01	Pass	
T_1290_5_76_C51_02	NA	[Online-Only Reader] Not Supported
T_1291_5_76_C52_01	Pass	
T_1292_5_76_C53_01	Pass	
T_1293_5_77_C01_01	Pass	
T_1294_5_77_C02_01	Pass	
T_1295_5_77_C03_01	Pass	
T_1296_5_77_C04_01	Pass	
T_1297_5_77_C05_01	Pass	

Test Case ID	Result	Lab Comment
T_1298_5_77_C06_01	Pass	
T_1299_5_77_C07_01	Pass	
T_1300_5_77_C07_02	NA	[Online-Only Reader] Not Supported
T_1301_5_77_C08_01	Pass	
T_1302_5_77_C08_02	NA	[Online-Only Reader] Not Supported
T_1303_5_77_C09_01	Pass	
T_1304_5_77_C09_02	NA	[Online-Only Reader] Not Supported
T_1305_5_77_C10_01	Pass	
T_1306_5_77_C10_02	NA	[Online-Only Reader] Not Supported
T_1307_5_77_C11_01	Pass	
T_1308_5_77_C11_02	NA	[Online-Only Reader] Not Supported
T_1309_5_77_C12_01	Pass	
T_1310_5_77_C12_02	NA	[Online-Only Reader] Not Supported
T_1311_5_77_C13_01	Pass	
T_1312_5_77_C14_01	Pass	
T_1313_5_77_C15_01	Pass	
T_1314_5_77_C16_01	Pass	
T_1315_5_77_C17_01	Pass	
T_1316_5_77_C18_01	Pass	
T_1317_5_77_C19_01	Pass	
T_1318_5_77_C20_01	Pass	
T_1319_5_77_C21_01	Pass	
T_1320_5_77_C22_01	Pass	
T_1321_5_77_C23_01	Pass	
T_1322_5_77_C24_01	Pass	
T_1323_5_77_C25_01	Pass	
T_1324_5_77_C26_01	Pass	
T_1325_5_77_C27_01	Pass	
T_1326_5_77_C28_01	Pass	
T_1327_5_77_C29_01	Pass	
T_1328_5_77_C30_01	Pass	
T_1329_5_77_C31_01	Pass	
T_1330_5_77_C31_02	NA	[Online-Only Reader] Not Supported
T_1331_5_77_C32_01	Pass	
T_1332_5_77_C32_02	NA	[Online-Only Reader] Not Supported
T_1333_5_77_C33_01	Pass	
T_1334_5_77_C33_02	NA	[Online-Only Reader] Not Supported
T_1335_5_77_C34_01	Pass	
T_1336_5_77_C34_02	NA	[Online-Only Reader] Not Supported

Test Case ID	Result	Lab Comment
T_1337_5_77_C35_01	Pass	
T_1338_5_77_C35_02	NA	[Online-Only Reader] Not Supported
T_1339_5_77_C36_01	Pass	
T_1340_5_77_C36_02	NA	[Online-Only Reader] Not Supported
T_1341_5_77_C37_01	Pass	
T_1342_5_77_C37_02	NA	[Online-Only Reader] Not Supported
T_1343_5_77_C38_01	Pass	
T_1344_5_77_C38_02	NA	[Online-Only Reader] Not Supported
T_1345_5_77_C39_01	Pass	
T_1346_5_77_C39_02	NA	[Online-Only Reader] Not Supported
T_1347_5_77_C40_01	Pass	
T_1348_5_77_C40_02	NA	[Online-Only Reader] Not Supported
T_1349_5_77_C41_01	Pass	
T_1350_5_77_C41_02	NA	[Online-Only Reader] Not Supported
T_1351_5_77_C42_01	Pass	
T_1352_5_77_C42_02	NA	[Online-Only Reader] Not Supported
T_1353_5_77_C43_01	Pass	
T_1354_5_77_C43_02	NA	[Online-Only Reader] Not Supported
T_1355_5_77_C44_01	Pass	
T_1356_5_77_C44_02	NA	[Online-Only Reader] Not Supported
T_1357_5_77_C45_01	Pass	
T_1358_5_77_C45_02	NA	[Online-Only Reader] Not Supported
T_1359_5_77_C46_01	Pass	
T_1360_5_77_C46_02	NA	[Online-Only Reader] Not Supported
T_1361_5_77_C47_01	Pass	
T_1362_5_77_C47_02	NA	[Online-Only Reader] Not Supported
T_1363_5_77_C48_01	Pass	
T_1364_5_77_C48_02	NA	[Online-Only Reader] Not Supported
T_1365_5_77_C49_01	Pass	
T_1366_5_77_C49_02	NA	[Online-Only Reader] Not Supported
T_1367_5_77_C50_01	Pass	
T_1368_5_77_C50_02	NA	[Online-Only Reader] Not Supported
T_1369_5_77_C51_01	Pass	
T_1370_5_77_C51_02	NA	[Online-Only Reader] Not Supported
T_1371_5_77_C52_01	Pass	
T_1372_5_77_C52_02	NA	[Online-Only Reader] Not Supported
T_1373_5_77_C53_01	Pass	
T_1374_5_77_C53_02	NA	[Online-Only Reader] Not Supported
T_1375_5_77_C54_01	Pass	

Test Case ID	Result	Lab Comment
T_1376_5_77_C54_02	NA	[Online-Only Reader] Not Supported
T_1377_5_78_C001_01	Pass	
T_1378_5_78_C002_01	Pass	
T_1379_5_78_C003_01	NA	[Offline-Only Reader] Not Supported
T_1380_5_78_C004_01	Pass	
T_1381_5_78_C005_01	Pass	
T_1382_5_78_C006_01	Pass	
T_1383_5_78_C007_01	Pass	When the transaction outcome is Switch Interface, the amount is not required to be re-entered and transaction in contact interface is performed. For that reason, the verdict of additional Pass criteria is Pass. See Visa communication from Appendix D.
T_1384_5_78_C008_01	Pass	
T_1385_5_78_C009_01	Pass	
T_1386_5_78_C010_01	Pass	
T_1387_5_78_C011_01	Pass	
T_1388_5_78_C012_01	NA	[Contact VSDC Functionality] Supported
T_1389_5_78_C013_01	NA	[Contact VSDC Functionality] Supported
T_1390_5_78_C014_01	NA	[Contact VSDC Functionality] Supported
T_1391_5_78_C015_01	Pass	
T_1392_5_78_C016_01	Pass	
T_1393_5_78_C017_01	Pass	
T_1394_5_78_C018_01	Pass	
T_1395_5_78_C019_01	Pass	
T_1396_5_78_C020_01	Pass	
T_1397_5_78_C021_01	Pass	
T_1398_5_78_C022_01	Pass	
T_1399_5_78_C023_01	Pass	
T_1400_5_78_C024_01	Pass	
T_1401_5_78_C025_01	Pass	
T_1402_5_78_C026_01	Pass	
T_1403_5_78_C027_01	Pass	
T_1404_5_78_C028_01	Pass	
T_1405_5_78_C029_01	Pass	
T_1406_5_78_C030_01	Pass	
T_1407_5_78_C031_01	Pass	
T_1408_5_78_C032_01	Pass	
T_1409_5_78_C033_01	Pass	
T_1410_5_78_C034_01	Pass	
T_1411_5_78_C035_01	Pass	
T_1412_5_78_C036_01	Pass	

Test Case ID	Result	Lab Comment
T_1413_5_78_C037_01	Pass	
T_1414_5_78_C038_01	Pass	
T_1415_5_78_C039_01	Pass	
T_1416_5_78_C040_01	Pass	
T_1417_5_78_C041_01	Pass	
T_1418_5_78_C042_01	Pass	
T_1419_5_78_C043_01	Pass	
T_1420_5_78_C044_01	Pass	
T_1421_5_78_C045_01	Pass	
T_1422_5_78_C046_01	Pass	
T_1423_5_78_C047_01	Pass	
T_1424_5_78_C048_01	Pass	
T_1425_5_78_C049_01	Pass	
T_1426_5_78_C050_01	Pass	
T_1427_5_78_C051_01	Pass	
T_1428_5_78_C052_01	Pass	
T_1429_5_78_C053_01	Pass	
T_1430_5_78_C054_01	Pass	
T_1431_5_78_C055_01	Pass	
T_1432_5_78_C056_01	Pass	
T_1433_5_78_C057_01	Pass	
T_1434_5_78_C058_01	Pass	
T_1435_5_78_C059_01	Pass	
T_1436_5_78_C060_01	Pass	
T_1437_5_78_C061_01	Pass	
T_1438_5_78_C062_01	Pass	
T_1439_5_78_C063_01	Pass	
T_1440_5_78_C064_01	Pass	
T_1441_5_78_C065_01	Pass	
T_1442_5_78_C066_01	Pass	
T_1443_5_78_C067_01	Pass	
T_1444_5_78_C068_01	Pass	
T_1445_5_78_C069_01	Pass	
T_1446_5_78_C070_01	Pass	
T_1447_5_78_C071_01	Pass	
T_1448_5_78_C072_01	Pass	
T_1449_5_78_C073_01	Pass	
T_1450_5_78_C074_01	Pass	
T_1451_5_78_C075_01	Pass	

Test Case ID	Result	Lab Comment
T_1452_5_78_C076_01	Pass	
T_1453_5_78_C077_01	Pass	
T_1454_5_78_C078_01	Pass	
T_1455_5_78_C079_01	Pass	
T_1456_5_78_C080_01	Pass	
T_1457_5_78_C081_01	Pass	
T_1458_5_78_C082_01	NA	[Offline-Only Reader] Not Supported
T_1459_5_78_C083_01	Pass	
T_1460_5_78_C085_01	Pass	
T_1461_5_78_C087_01	Pass	
T_1462_5_78_C088_01	Pass	
T_1463_5_78_C089_01	Pass	
T_1464_5_78_C090_01	Pass	
T_1465_5_78_C091_01	Pass	
T_1466_5_78_C092_01	Pass	
T_1467_5_78_C093_01	Pass	
T_1468_5_78_C094_01	Pass	
T_1469_5_78_C095_01	Pass	
T_1470_5_78_C096_01	Pass	
T_1471_5_78_C097_01	Pass	
T_1472_5_78_C098_01	Pass	
T_1473_5_78_C099_01	Pass	
T_1474_5_78_C100_01	Pass	
T_1475_5_78_C101_01	Pass	
T_1476_5_78_C102_01	Pass	
T_1477_5_78_C103_01	Pass	
T_1478_5_78_C104_01	Pass	
T_1479_5_78_C105_01	Pass	
T_1480_5_78_C106_01	Pass	
T_1481_5_78_C107_01	Pass	
T_1482_5_78_C108_01	Pass	
T_1483_5_78_C109_01	Pass	
T_1484_5_78_C110_01	Pass	
T_1485_5_78_C111_01	Pass	
T_1486_5_78_C112_01	Pass	
T_1487_5_78_C113_01	Pass	
T_1488_5_78_C114_01	Pass	
T_1489_5_78_C115_01	Pass	
T_1490_5_78_C116_01	Pass	

Test Case ID	Result	Lab Comment
T_1491_5_78_C117_01	Pass	
T_1492_5_78_C118_01	Pass	
T_1493_5_78_C119_01	Pass	
T_1494_5_78_C120_01	Pass	
T_1495_5_78_C121_01	Pass	
T_1496_5_78_C122_01	Pass	
T_1497_5_78_C123_01	Pass	
T_1498_5_78_C124_01	Pass	
T_1499_5_78_C125_01	Pass	
T_1500_5_78_C126_01	Pass	
T_1501_5_78_C127_01	Pass	
T_1502_5_78_C128_01	Pass	
T_1503_5_78_C129_01	Pass	
T_1504_5_78_C130_01	Pass	
T_1505_5_78_C131_01	Pass	
T_1506_5_78_C132_01	Pass	
T_1507_5_78_C133_01	Pass	
T_1508_5_78_C134_01	Pass	
T_1509_5_78_C135_01	Pass	
T_1510_5_78_C136_01	Pass	
T_1511_5_78_C137_01	Pass	
T_1512_5_78_C138_01	Pass	
T_1513_5_78_C139_01	Pass	
T_1514_5_78_C140_01	Pass	
T_1515_5_78_C141_01	Pass	
T_1516_5_78_C142_01	Pass	
T_1517_5_78_C143_01	Pass	
T_1518_5_78_C143_02	Pass	
T_1519_5_78_C143_03	Pass	
T_1520_5_78_C143_04	Pass	
T_1521_5_78_C143_05	Pass	
T_1522_5_78_C143_06	Pass	
T_1523_5_78_C143_07	Pass	
T_1524_5_78_C143_08	Pass	
T_1525_5_78_C143_09	Pass	
T_1526_5_78_C143_10	Pass	
T_1527_5_78_C143_11	Pass	
T_1528_5_78_C143_12	Pass	
T_1529_5_78_C144_01	Pass	

Test Case ID	Result	Lab Comment
T_1530_5_79_C01_01	Pass	
T_1531_5_79_C01_02	NA	[Online-Only Reader] Not Supported
T_1532_5_79_C01_03	Pass	
T_1533_5_79_C01_04	Pass	
T_1534_5_79_C02_01	Pass	
T_1535_5_79_C03_01	NA	[Online-Only Reader] Not Supported
T_1536_5_79_C04_01	Pass	
T_1537_5_79_C04_02	Pass	
T_1538_5_79_C05_01	Pass	
T_1539_5_79_C05_02	Pass	
T_1540_5_79_C06_01	Pass	
T_1541_5_79_C06_02	NA	[Online-Only Reader] Not Supported
T_1542_5_79_C07_01	Pass	
T_1543_5_79_C07_02	NA	[Online-Only Reader] Not Supported
T_1544_5_79_C08_01	Pass	
T_1545_5_79_C08_02	NA	[Online-Only Reader] Not Supported
T_1546_5_79_C09_01	Pass	
T_1547_5_7A_C01_01	NA	[Online-Only Reader] Not Supported
T_1548_5_7A_C02_01	Pass	
T_1549_5_7A_C03_01	Pass	
T_1550_5_7A_C03_02	NA	[Online-Only Reader] Not Supported
T_1551_5_7_C01_01	Pass	
T_1552_5_7_C01_02	NA	[Online-Only Reader] Not Supported
T_1553_5_7_C02_01	Pass	
T_1554_5_7_C02_02	NA	[Online-Only Reader] Not Supported
T_1555_5_7_C03_01	Pass	
T_1556_5_7_C03_02	NA	[Online-Only Reader] Not Supported
T_1557_5_7_C04_01	Pass	
T_1558_5_7_C04_02	NA	[Online-Only Reader] Not Supported
T_1559_5_80_C001_01	Pass	
T_1560_5_80_C001_02	NA	[Online-Only Reader] Not Supported
T_1561_5_80_C002_01	Pass	
T_1562_5_80_C003_01	Pass	
T_1563_5_80_C004_01	Pass	
T_1564_5_80_C005_01	NA	[Online-Only Reader] Not Supported
T_1565_5_80_C006_01	NA	[Online-Only Reader] Not Supported
T_1566_5_80_C007_01	Pass	
T_1567_5_80_C008_01	Pass	
T_1568_5_80_C009_01	Pass	

Test Case ID	Result	Lab Comment
T_1569_5_80_C009_02	Pass	
T_1570_5_80_C010_01	Pass	
T_1571_5_80_C011_01	NA	[Online-Only Reader] Not Supported
T_1572_5_80_C012_01	Pass	
T_1573_5_80_C013_01	Pass	
T_1574_5_80_C014_01	NA	[Online-Only Reader] Not Supported
T_1575_5_80_C015_01	Pass	
T_1576_5_80_C016_01	Pass	
T_1577_5_80_C017_01	Pass	
T_1578_5_80_C018_01	Pass	
T_1579_5_80_C019_01	Pass	
T_1580_5_80_C020_01	Pass	
T_1581_5_80_C021_01	Pass	
T_1582_5_80_C022_01	Pass	
T_1583_5_80_C023_01	Pass	
T_1584_5_80_C024_01	Pass	
T_1585_5_80_C025_01	Pass	
T_1586_5_80_C026_01	Pass	
T_1587_5_80_C027_01	Pass	
T_1588_5_80_C028_01	Pass	
T_1589_5_80_C028_02	Pass	
T_1590_5_80_C029_01	Pass	
T_1591_5_80_C030_01	Pass	
T_1592_5_80_C031_01	Pass	
T_1593_5_80_C032_01	Pass	
T_1594_5_80_C033_01	Pass	
T_1595_5_80_C034_01	Pass	
T_1596_5_80_C035_01	Pass	
T_1597_5_80_C036_01	Pass	
T_1598_5_80_C037_01	Pass	
T_1599_5_80_C038_01	Pass	
T_1600_5_80_C039_01	Pass	
T_1601_5_80_C040_01	Pass	
T_1602_5_80_C041_01	Pass	
T_1603_5_80_C042_01	Pass	
T_1604_5_80_C043_01	Pass	
T_1605_5_80_C044_01	Pass	
T_1606_5_80_C045_01	Pass	
T_1607_5_80_C046_01	Pass	

Test Case ID	Result	Lab Comment
T_1608_5_80_C047_01	Pass	
T_1609_5_80_C048_01	Pass	
T_1610_5_80_C049_01	Pass	
T_1611_5_80_C050_01	Pass	
T_1612_5_80_C051_01	Pass	
T_1613_5_80_C052_01	Pass	
T_1614_5_80_C053_01	Pass	
T_1615_5_80_C054_01	Pass	
T_1616_5_80_C055_01	Pass	
T_1617_5_80_C056_01	Pass	
T_1618_5_80_C057_01	Pass	
T_1619_5_80_C058_01	Pass	
T_1620_5_80_C059_01	Pass	
T_1621_5_80_C060_01	Pass	
T_1622_5_80_C061_01	Pass	
T_1623_5_80_C062_01	Pass	
T_1624_5_80_C063_01	Pass	
T_1625_5_80_C064_01	Pass	
T_1626_5_80_C065_01	Pass	
T_1627_5_80_C066_01	Pass	
T_1628_5_80_C067_01	Pass	
T_1629_5_80_C068_01	Pass	
T_1630_5_80_C069_01	Pass	
T_1631_5_80_C070_01	Pass	
T_1632_5_80_C071_01	Pass	
T_1633_5_80_C072_01	Pass	
T_1634_5_80_C073_01	Pass	
T_1635_5_80_C074_01	Pass	
T_1636_5_80_C075_01	Pass	
T_1637_5_80_C076_01	Pass	
T_1638_5_80_C077_01	Pass	
T_1639_5_80_C078_01	Pass	
T_1640_5_80_C079_01	Pass	
T_1641_5_80_C080_01	Pass	
T_1642_5_80_C081_01	Pass	
T_1643_5_80_C082_01	Pass	
T_1644_5_80_C083_01	Pass	
T_1645_5_80_C084_01	Pass	
T_1646_5_80_C085_01	Pass	

Test Case ID	Result	Lab Comment
T_1647_5_80_C086_01	Pass	
T_1648_5_80_C087_01	Pass	
T_1649_5_80_C088_01	Pass	
T_1650_5_80_C089_01	Pass	
T_1651_5_80_C090_01	Pass	
T_1652_5_80_C091_01	Pass	
T_1653_5_80_C092_01	Pass	
T_1654_5_80_C093_01	Pass	
T_1655_5_80_C094_01	Pass	
T_1656_5_80_C095_01	Pass	
T_1657_5_80_C096_01	Pass	
T_1658_5_80_C097_01	Pass	
T_1659_5_80_C098_01	Pass	
T_1660_5_80_C099_01	Pass	
T_1661_5_80_C100_01	Pass	
T_1662_5_80_C101_01	Pass	
T_1663_5_80_C102_01	Pass	
T_1664_5_80_C103_01	Pass	
T_1665_5_80_C104_01	Pass	
T_1666_5_80_C105_01	Pass	
T_1667_5_80_C106_01	Pass	
T_1668_5_80_C107_01	Pass	
T_1669_5_80_C108_01	Pass	
T_1670_5_80_C109_01	Pass	
T_1671_5_80_C110_01	Pass	
T_1672_5_80_C111_01	Pass	
T_1673_5_80_C112_01	Pass	
T_1674_5_80_C113_01	Pass	
T_1675_5_80_C114_01	Pass	
T_1676_5_80_C115_01	Pass	
T_1677_5_80_C116_01	Pass	
T_1678_5_80_C117_01	Pass	
T_1679_5_80_C118_01	Pass	
T_1680_5_80_C119_01	Pass	
T_1681_5_80_C120_01	Pass	
T_1682_5_80_C121_01	Pass	
T_1683_5_80_C122_01	Pass	
T_1684_5_80_C123_01	Pass	
T_1685_5_80_C124_01	Pass	

Test Case ID	Result	Lab Comment
T_1686_5_80_C125_01	Pass	
T_1687_5_80_C126_01	Pass	
T_1688_5_80_C127_01	Pass	
T_1689_5_80_C128_01	Pass	
T_1690_5_80_C129_01	Pass	
T_1691_5_80_C130_01	Pass	
T_1692_5_80_C131_01	Pass	
T_1693_5_80_C132_01	Pass	
T_1694_5_80_C133_01	Pass	
T_1695_5_80_C134_01	Pass	
T_1696_5_80_C135_01	Pass	
T_1697_5_80_C136_01	Pass	
T_1698_5_80_C137_01	Pass	
T_1699_5_80_C138_01	Pass	
T_1700_5_80_C139_01	Pass	
T_1701_5_80_C140_01	Pass	
T_1702_5_80_C141_01	Pass	
T_1703_5_80_C142_01	Pass	
T_1704_5_80_C143_01	Pass	
T_1705_5_80_C144_01	Pass	
T_1706_5_80_C145_01	Pass	
T_1707_5_80_C146_01	Pass	
T_1708_5_80_C147_01	Pass	
T_1709_5_80_C148_01	Pass	
T_1710_5_80_C149_01	Pass	
T_1711_5_80_C150_01	Pass	
T_1712_5_80_C151_01	Pass	
T_1713_5_80_C152_01	Pass	
T_1714_5_80_C153_01	Pass	
T_1715_5_80_C154_01	Pass	
T_1716_5_80_C155_01	Pass	
T_1717_5_80_C156_01	Pass	
T_1718_5_80_C157_01	Pass	
T_1719_5_80_C158_01	Pass	
T_1720_5_80_C159_01	Pass	
T_1721_5_80_C160_01	Pass	
T_1722_5_80_C161_01	Pass	
T_1723_5_80_C162_01	Pass	
T_1724_5_80_C163_01	Pass	

Test Case ID	Result	Lab Comment
T_1725_5_80_C164_01	Pass	
T_1726_5_80_C165_01	Pass	
T_1727_5_80_C166_01	Pass	
T_1728_5_80_C167_01	Pass	
T_1729_5_80_C168_01	Pass	
T_1730_5_80_C169_01	Pass	
T_1731_5_80_C170_01	Pass	
T_1732_5_80_C171_01	Pass	
T_1733_5_80_C172_01	Pass	
T_1734_5_80_C173_01	Pass	
T_1735_5_80_C174_01	Pass	
T_1736_5_80_C175_01	Pass	
T_1737_5_80_C176_01	Pass	
T_1738_5_80_C177_01	Pass	
T_1739_5_80_C178_01	Pass	
T_1740_5_80_C179_01	Pass	
T_1741_5_80_C180_01	Pass	
T_1742_5_80_C181_01	Pass	
T_1743_5_80_C182_01	Pass	
T_1744_5_80_C183_01	Pass	
T_1745_5_80_C184_01	Pass	
T_1746_5_80_C185_01	Pass	
T_1747_5_80_C186_01	Pass	
T_1748_5_80_C187_01	Pass	
T_1749_5_80_C188_01	Pass	
T_1750_5_80_C189_01	Pass	
T_1751_5_80_C190_01	Pass	
T_1752_5_80_C191_01	Pass	
T_1753_5_80_C192_01	Pass	
T_1754_5_80_C193_01	Pass	
T_1755_5_80_C194_01	Pass	
T_1756_5_80_C194_02	Pass	
T_1757_5_80_C195_01	Pass	
T_1758_5_80_C196_01	Pass	
T_1759_5_80_C197_01	Pass	
T_1760_5_80_C198_01	Pass	
T_1761_5_80_C199_01	Pass	
T_1762_5_80_C200_01	Pass	
T_1763_5_80_C201_01	Pass	

Test Case ID	Result	Lab Comment
T_1764_5_80_C202_01	Pass	
T_1765_5_80_C203_01	Pass	
T_1766_5_80_C204_01	Pass	
T_1767_5_80_C205_01	Pass	
T_1768_5_80_C206_01	Pass	
T_1769_5_80_C207_01	Pass	
T_1770_5_80_C208_01	Pass	
T_1771_5_80_C209_01	Pass	
T_1772_5_80_C210_01	Pass	
T_1773_5_80_C211_01	Pass	
T_1774_5_80_C212_01	Pass	
T_1775_5_80_C213_01	Pass	
T_1776_5_80_C214_01	Pass	
T_1777_5_80_C215_01	Pass	
T_1778_5_80_C216_01	Pass	
T_1779_5_80_C217_01	Pass	
T_1780_5_80_C218_01	Pass	
T_1781_5_80_C219_01	Pass	
T_1782_5_80_C220_01	Pass	
T_1783_5_80_C221_01	Pass	
T_1784_5_80_C222_01	Pass	
T_1785_5_80_C223_01	Pass	
T_1786_5_80_C224_01	Pass	
T_1787_5_80_C225_01	Pass	
T_1788_5_80_C226_01	Pass	
T_1789_5_80_C227_01	Pass	
T_1790_5_80_C227_02	Pass	
T_1791_5_80_C228_01	Pass	
T_1792_5_80_C228_02	Pass	
T_1793_5_80_C229_01	Pass	
T_1794_5_80_C229_02	Pass	
T_1795_5_80_C230_01	Pass	
T_1796_5_80_C230_02	Pass	
T_1797_5_80_C231_01	Pass	
T_1798_5_80_C231_02	Pass	
T_1799_5_80_C232_01	Pass	
T_1800_5_80_C232_02	Pass	
T_1801_5_80_C233_01	Pass	
T_1802_5_80_C233_02	Pass	

Test Case ID	Result	Lab Comment
T_1803_5_80_C234_01	Pass	
T_1804_5_80_C235_01	Pass	
T_1805_5_80_C236_01	Pass	
T_1806_5_80_C237_01	Pass	
T_1807_5_80_C237_02	Pass	
T_1808_5_82_C01_01	Pass	
T_1809_5_82_C02_01	Pass	
T_1810_5_82_C03_01	Pass	
T_1811_5_82_C04_01	Pass	
T_1812_5_82_C05_01	Pass	
T_1813_5_82_C06_01	Pass	
T_1814_5_83_C01_01	Pass	
T_1815_5_83_C02_01	Pass	
T_1816_5_83_C03_01	Pass	
T_1817_5_83_C04_01	NA	[Contactless Issuer Update Processing] Supported
T_1818_5_83_C05_01	Pass	
T_1819_5_83_C06_01	Pass	
T_1820_5_83_C07_01	Pass	
T_1821_5_83_C08_01	Pass	
T_1822_5_83_C09_01	Pass	
T_1823_5_83_C10_01	Pass	
T_1824_5_84_C01_01	Pass	
T_1825_5_84_C02_01	Pass	
T_1826_5_84_C03_01	Pass	
T_1827_5_85_C01_01	Pass	
T_1828_5_85_C02_01	Pass	
T_1829_5_85_C03_01	Pass	
T_1830_5_85_C04_01	Pass	
T_1831_5_85_C05_01	Pass	
T_1832_5_86_C01_01	Pass	
T_1833_5_86_C02_01	NA	[Printing of a Receipt for Declined Transaction] Not Supported
T_1834_5_87_C01_01	Pass	
T_1835_5_87_C02_01	Pass	
T_1836_5_89_C01_01	Pass	
T_1837_5_89_C02_01	Pass	
T_1838_5_89_C03_01	Pass	
T_1839_5_89_C04_01	Pass	
T_1840_5_89_C05_01	Pass	
T_1841_5_89_C06_01	Pass	

Test Case ID	Result	Lab Comment
T_1842_5_89_C07_01	Pass	
T_1843_5_89_C08_01	Pass	
T_1844_5_89_C09_01	Pass	
T_1845_5_89_C10_01	Pass	
T_1846_5_89_C11_01	Pass	
T_1847_5_89_C12_01	Pass	
T_1848_5_89_C13_01	Pass	
T_1849_5_89_C14_01	Pass	
T_1850_5_89_C15_01	Pass	
T_1851_5_89_C16_01	Pass	
T_1852_5_89_C17_01	Pass	
T_1853_5_89_C18_01	Pass	
T_1854_5_89_C19_01	Pass	
T_1855_5_89_C20_01	Pass	
T_1856_5_90_C01_01	Pass	
T_1857_5_91_C01_01	Pass	
T_1858_5_92_C01_01	Pass	
T_1859_5_92_C02_01	Pass	
T_1860_5_92_C03_01	Pass	
T_1861_5_92_C04_01	Pass	
T_1862_5_92_C05_01	Pass	
T_1863_5_92_C06_01	Pass	
T_1864_5_92_C07_01	Pass	
T_1865_5_92_C08_01	Pass	
T_1866_5_92_C09_01	Pass	
T_1867_5_92_C10_01	Pass	
T_1868_5_92_C11_01	Pass	
T_1869_5_92_C12_01	Pass	
T_1870_5_92_C13_01	Pass	
T_1871_5_93_C01_01	Pass	
T_1872_5_93_C02_01	Pass	
T_1873_5_93_C03_01	Pass	
T_1874_5_93_C04_01	Pass	
T_1875_5_93_C05_01	Pass	
T_1876_5_93_C06_01	Pass	
T_1877_5_93_C07_01	Pass	
T_1878_5_93_C08_01	Pass	
T_1879_5_93_C09_01	Pass	
T_1880_5_93_C10_01	Pass	

Test Case ID	Result	Lab Comment
T_1881_5_93_C11_01	Pass	
T_1882_5_93_C12_01	Pass	
T_1883_5_93_C13_01	Pass	
T_1884_5_93_C14_01	Pass	
T_1885_5_93_C15_01	Pass	
T_1886_5_93_C16_01	Pass	
T_1887_5_93_C17_01	Pass	
T_1888_5_93_C18_01	Pass	
T_1889_5_93_C19_01	Pass	
T_1890_5_93_C20_01	Pass	
T_1891_5_94_C01_01	Pass	
T_1892_5_94_C02_01	Pass	
T_1893_5_94_C03_01	Pass	
T_1894_5_94_C04_01	Pass	
T_1895_6_7_3_C01_01	Pass	
T_1896_6_7_3_C02_01	Pass	
T_1897_6_7_3_C03_01	Pass	
T_1898_6_7_3_C04_01	Pass	
T_1899_6_7_3_C05_01	Pass	
T_1900_6_7_3_C06_01	Pass	
T_1901_6_7_3_C07_01	NA	[Offline-Only Reader] Not Supported
T_1902_6_7_3_C08_01	Pass	
T_1903_7_5_C01_01	Pass	
T_1904_7_5_C01_02	NA	[Online-Only Reader] Not Supported
T_1905_K_2_1_C01_01	Pass	
T_1906_K_2_1_C02_01	Pass	
T_1907_K_2_1_C03_01	Pass	
T_1908_K_3_C01_01	Pass	
T_1909_K_3_C02_01	Pass	
T_1910_K_3_C03_01	Pass	
T_1911_K_3_C04_01	Pass	
T_1912_K_3_C05_01	Pass	
T_1913_K_3_C06_01	Pass	
T_1914_K_3_C07_01	Pass	
T_1915_K_3_C08_01	Pass	

7. Test Summary Results for VCPS Additional Testing

Testing engineer performing the test: Abby HE

Testing engineer evaluating test logs: Creep WANG

Execution Statistics	
Passed:	0
Failed:	22
Inconclusive:	0
Not applicable:	0
Not executed:	0
Total number of test cases:	22

The testing results is shown as below:

Test Case ID	Results	Lab Comment
CLQ.Z.001.00.01	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.09. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.02	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.10. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.03	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.11. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.04	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.12. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.05	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.13. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.06	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.14. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.07	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.15. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.001.00.08	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.00.16. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.

Test Case ID	Results	Lab Comment
CLQ.Z.002.00.01	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.09. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.02	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.10. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.03	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.11. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.04	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.12. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.05	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.13. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.06	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.14. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.07	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.15. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.002.00.08	Fail	This test case was executed by utilizing the VCTKS test script VTK.N.071.01.16. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.003.00.01	Fail	This test case was executed by utilizing the VCTKS test script VTK.T.002.00.07. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.003.00.02	Fail	This test case was executed by utilizing the VCTKS test script VTK.T.002.00.08. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.003.00.03	Fail	This test case was executed by utilizing the VCTKS test script VTK.T.002.00.09. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.003.00.04	Fail	This test case was executed by utilizing the VCTKS test script VTK.T.002.00.10. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.

Test Case ID	Results	Lab Comment
CLQ.Z.003.00.05	Fail	This test case was executed by utilizing the VCTKS test script VTK.T.002.00.11. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.
CLQ.Z.003.00.06	Fail	This test case was executed by utilizing the VCTKS test script VTK.T.002.00.12. The device behavior is consistent with the Pass Criteria indicated in "VCPS Reader Test Plan - Update_v1.1". Therefore the manual verdict is PASS. See Appendix D.

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Appendix A: Implementation Conformance Statement

VISA

Chip Card Acceptance Device Questionnaire and Implementation Conformance Statement (ICS) for Contactless Devices and Readers

This form will not be accepted unless all mandatory fields are correctly completed. Mandatory fields are marked (*). You must provide a Chip Card Acceptance Device Questionnaire and Implementation Conformance Statement (ICS) for Contactless Devices and Readers for each product you are submitting for testing and approval. Information provided in this questionnaire will be used to determine whether the product is acceptable and the amount of testing.

For additional instructions, refer to attached *Instructions for Chip Card Acceptance Device Questionnaire and Implementation Conformance Statement (ICS) for Contactless Devices and Readers*.

Email completed questionnaire and product image to ApprovalServices@visa.com.
_____

Section 1 Company Information

*1.0 Company Name
[Must exactly match Approval Services Testing Agreement]

ID TECH

*1.1 Name of Authorized Representative

George Jiang

*1.2 Email Address
[Must be corporate email address]

George.Jiang@idtechproducts.com

*1.3 Submission Date

06-Nov-2023

Section 2 Product Identification

*2.0 Visa Reference Number (VTF#)

CDIDTE02602A

*2.1 Product/Model Name and Version

VP6825 Rev C

*2.2 Submission Type
If you are changing an approved product or seeking to make a derivative, please provide additional details in Section 7.

(B) Derivative

2.3 If you are changing an approved product or seeking to make a derivative, please provide the Visa Reference Number (VTF#) of the approved product.

CDIDTE02250B

*2.4 Visa Specification(s) Supported

Visa Contactless Payment Specification (VCPS)   YES ◉   NO ◯

Visa Contactless Transit Kernel Specification (VCTKS)   YES ◯   NO ◉

Visa ODA for qVSDC Online Specification (VOQOS)   YES ◯   NO ◉

Note:

Device with contact and/or mag-stripe hardware that supports both VCPS and VCTKS shall not be implemented in the field as a VCTKS-only device.
Vendors shall resubmit without Contact and/or Mag-Stripe hardware for VCTKS-only device for a separate approval.

VOQOS is only applicable to derivatives of approved VOQOS products.

Section 3 Product Elements Information

*3.0 Product Configuration   (A) PCDA (External Reader) / S-ICR

- If Visa Kernel resides on the terminal [only], complete Section 3A.
- If Visa Kernel resides on the reader [only], complete Section 3B.
- If Visa Kernel resides on multiple components, complete Sections 3A, 3B and/or 3C.

Section 3A Terminal

3.1 Operating System Name

3.2 Operating System Version

Section 3B Reader

3.3 Operating System Name   NuttX

3.4 Operating System Version   10.2.0

Section 3C Server

3.3 Operating System Name

3.4 Operating System Version

3.5 mPOS   YES ◯   NO ◉

3.5.1 mPOS Variant
Please refer to the user instructions at the end of the form to determine if the mPOS meets the exemption criteria.

3.6 Vending Device   YES ◯   NO ◉
If approved, the Letter of Approval (LOA) will indicate the product can be deployed for use in Vending Machines only.

*3.7 Please provide a general description of the product.

A payment device with magstripe reader, contact EMV chip and contactless EMV reader.

Section 4 Product Level 1 Information

Please provide a copy of Level 1 Letter of Approval at the time of submission of the Chip Card Acceptance Device Questionnaire and Implementation Conformance Statement.

*4.0 EMVCo Contactless Level 1 Approval Number	18233 0323 310 31a 31a FIMT	
*4.1 EMVCo Contactless Level 1 Renewal Date	24-Feb-2027	
*4.2 Restricted Approval	YES ⚪ NO ⦿	

Visa reserves the right to not honor an EMVCo restricted approval and may reject the product submission.

4.3   Reason for Restriction

*4.4 PCD Location	(A) Reader
*4.5 Analog Firmware Name and Version	80184120 Rev A
*4.6 Digital Firmware Name and Version	80184120 Rev A
*4.7 Antenna ID	80184203-001
*4.8 Antenna Location	It sits just below the surface of the LCD.
*4.9 Antenna Material	Copper

Section 5 Product Level 2 Information

Section 5A Visa Kernel Information

*5.0 Visa Kernel Name	VCPS v2.2
*5.1 Visa Kernel Version	v1.00
*5.2 Visa Kernel Code Location	(A) Reader

Section 5B Visa Kernel Checksum

*5.3 Visa Kernel Checksum	A9 66 C0 90 76 D4 69 59 D8 C9 3B DA 1E 42

Visa Kernel Checksum must include all its components or software modules that make up the functionalities for VCPS or any of the supported Visa specification identified in field Q2.4, in which case:

(1) The overall Visa Kernel Checksum must be specified in Q5.3.
(2) The individual checksum of each Visa Kernel component must be specific in Q5.5.

Please refer to the user instructions at the end of this form for more details.

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Section 5C Pre-processing/Application Selection

*5.4 The product supports an independent module for Pre-processing/Application Selection   YES ⦿   NO ◯

Please provide details below if it is answered as YES.
If answered as NO, it is assumed that Pre-processing/Application Selection are part of Visa Kernel described in Section 5.

Please refer to user instructions at the end of this form for more details.

5.4.1 Pre-processing/Application Selection Name	EMV EP v2.10
5.4.2 Pre-processing/Application Selection Version	v1.00
5.4.3 Pre-processing/Application Selection Location	(A) Reader
5.4.4 Pre-processing/Application Selection Checksum	D8 5E 45 66 E3 8E D0 6F AA A9 C7 E5 F7 29

Section 5D Visa Kernel Components (Distributed Kernel)

Please provide details below if Visa Kernel is split into multiple locations.

5.5	(A) Component Location	(B) Component Name	(C) Checksum Value
	Reader		
	Terminal		
	Server		

Section 5E Non-Visa Kernel Information

Please provide details below if the product contains a non-Visa Kernel that interacts with Visa Kernel.
Otherwise leave as blank. Please refer to Section 5 of the Instructions below for more details.

(A) Application Name	(B) Application Version	(C) Application Location	(D) Application Checksum	(E) Details of the Interaction

Section 6 EMV and Visa Specifications Information

*6.0 EMVCo Level 1 Contactless Interface Specification | (C) 3.1 |

*6.1 Visa Contactless Payment Specification Version | (B) 2.2 |

6.2 Visa Contactless Transit Kernel Specification Version | |

6.3 Visa ODA for qVSDC Online Specification Version | |

Section 7 Product Submission Based on an Approved Product

For *each* proposed product change:
In column (A), identify the product component.
In column (B), select the appropriate change category.
In column (C), describe the details of the proposed change to your product.

Section 7A Product Level 1 Changes

(A) Product Component	(B) Change Category	(C) Change Details
(A) Reader	(F) Physical Change	All the components of hardware are totally different from CDIDTF02250B, but share

Section 7B Product Level 2 Changes

(A) Product Component	(B) Change Category	(C) Change Details

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Section 8 Additional Information

8.0 Please provide any other relevant information not captured in previous sections.

Test Laboratories

Select the Laboratory/ies to test your product. For Contactless Level 1 testing and approval, contact EMVCo directly.

VCPS	(B) Applus Shanghai
VCTKS	
VOQOS	
Cross Testing	(B) Applus Shanghai

Please provide a picture of the device to Approval Services at the time of submission of the Chip Card Acceptance Device Questionnaire and Implementation Conformance Statement.
Actual image of the product to be submitted. Drawings or blueprints are not acceptable.
File naming convention: ProductImage_Product/Model Name_and_Version
File type should be an image file format; must be clear and not pixelated.
Contact and Magstripe Physical Interfaces should be clearly labeled.

Implementation Conformance Statement for Contactless Devices and Readers

_____

Section 1 - Additional Interfaces

*1.1 Is contact interface supported?   YES ●   NO ○
If the Device has a contact reader or is connected to a contact reader, this must be answered YES.

*1.2 Does the device support Magnetic Stripe transactions?   YES ●   NO ○
If the Device has a Magnetic Stripe reader or is connected to a Magnetic Stripe reader, this must be answered YES.

Section 2 - VCPS Options

This section must be completed if device supports VCTKS, qVSDC and/or MSD

Application Paths Supported

*2.1 MSD Support   YES ○   NO ●
If VCPS v2.2 or higher, select NO.

*2.2 qVSDC Support   YES ●   NO ○
If VCTKS-only is supported, select YES.

*2.3 Does the device support MSD and qVSDC active together?   YES ○   NO ●
To be answered NO for VCPS v2.2.

qVSDC Options

☑ 2.4 Preliminary Transaction Processing is supported?
If 2.4 is checked, 2.5, 2.10, 2.11, 2.12, 2.13 and 2.22 must be checked

   ☐ 2.4.1 Is Amount Authorized Zero Check compliant to EMV CL Book B (Entry Point) specification?
   Requirements for Amount Authorized Zero Check differ between Entry Point and qVSDC specifications

☑ 2.5 Status Checking is supported?

☑ 2.6 Key Revocation is supported?

☑ 2.7 Exception File is supported?

☑ 2.8 Signature is supported?

☑ 2.9 Online PIN is supported?

☑ 2.10 Contactless Floor Limit Check is supported?

☑ 2.11 Contactless Transaction Limit Check is supported?

☑ 2.12 Amount Authorized Zero Check is supported?

☑ 2.13 CVM Required Limit Check is support?

☑ 2.14 Terminal Floor Limit (Tag '9F1B') is supported?

☑ 2.15 Variable Transaction Amount is supported?
   If 2.15 is checked, 2.4 must be checked.

☑ 2.16 Application Expiration Check is supported?
   If item 2.16 is checked, 2.24 shall NOT be checked.

☑ 2.17 Issuer Update Processing is supported?

☑ 2.18 Manual Cash is supported?

   ☑ 2.18.1 Independent Reader Risk Parameters used for Manual Cash?
      If item 2.18.1 is checked, 2.18 must be checked

☑ 2.19 Cashback is supported?

   ☑ 2.19.1 Independent Reader Risk Parameters used for Cashback?
      If item 2.19.1 is checked, 2.19 must be checked

☑ 2.20 Refund is supported?

☑ 2.21 Dynamic Reader Limits is supported?

   ☐ 4 ☐ 2.21.1 Max Dynamic Reader Limit sets supported?
      If maximum number is not defined or greater than 10, enter a value of 10.

☑ 2.22 Contactless Floor Limit data element is supported?

☐ 2.23 The device supports offline only?

☐ 2.24 The device supports online only?

☑ 2.25 Does the reader leave the contactless interface powered on when the contactless application not allowed indicator (or an equivalent indicator) is '1' for all reader supported applications?
   If EMV Entry Point Amount Authorized Zero Check is implemented (i.e 2.4.1 is checked), 2.25 shall be left unchecked (i.e N/A)

   Checking this option indicates that the Reader powers on the contactless interface at the end of pre-processing when the Contactless Application Not Allowed Indicator (or equivalent indicator) is 1 for all Reader supported applications. Please refer to Req 5.37 in VCPS for details of the requirements related to this option.

☑ 2.26 The device supports both online capable and offline capable?
   For a VCPS v2.1 device, only one of 2.23, 2.24 or 2.26 must be checked.
   For a VCPS v2.2 device, at least one of 2.23, 2.24 or 2.26 must be checked. If more than one is checked, the implementation must allow switching between these features.

☑ 2.27 Is DF Name (tag 84) in SELECT PPSE response considered as Mandatory Data Element?

☑ 2.28 Is DF Name (tag 84) in SELECT ADF response considered as Mandatory Data Element?

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MSD Options

Section not applicable for VCPS v2.2.

☐ 2.30 Track 1 formatting to the host is supported?

☐ 2.31 Track 2 formatting to the host is supported?

☐ 2.32 Terminal Transaction Qualifiers are sent in online messages?

☐ 2.33 Zero Amount Authorized is supported?

Section 3 VCTKS Options

This section must be completed if VCTKS is supported.

☐ 3.1 Does the device power down the RF field in between transactions or when certain Status Words are returned (e.g. 6986 to GPO command)?

☐ 3.2 Is Key Revocation supported?

☐ 3.3 Exception File Check supported?

☐ 3.4 Additional IDs in POI information supported?
　　　To be left unchecked for VCTKS v1.0.2

Section 4 VOQOS Options

This section must be completed if VOQOS is supported.

If 4.1 is checked, at least one of 4.1.1 or 4.1.2 must be answered. If both are checked, implementation must allow switching of these two transaction outcomes.

☐ 4.1 fDDA for online authorizations implemented?

　☐ 4.1.1 Transaction gets declined offline when fDDA fails?

　☐ 4.1.2 Transaction gets forwarded online when fDDA fails?

If 4.2 is checked, at least one of 4.2.1 or 4.2.2 must be answered. If both are checked, implementation must allow switching of these two transaction outcomes.

☐ 4.2 SDA for online authorizations implemented?

　☐ 4.2.1 Transaction gets declined offline when SDA fails?

　☐ 4.2.2 Transaction gets forwarded online when SDA fails?

Section 5 General Reader Options

This section must be completed if display/printer or printing is supported.

☑ 5.1 The device supports a display?

    ☑ 5.1.1 The Amount Authorized is displayed when prompting for card presentation?

    ☑ 5.1.2 The Available Offline Spending Amount can be displayed?

If item 5.2 is checked, 5.2.2 and/or 5.2.3 must be checked. If item 5.2.1 is checked, 5.2.2 and/or 5.2.3 must be checked.

☑ 5.2 The device supports printer or printing?

    ☑ 5.2.1 The Available Offline Spending Amount can be printed?

    ☐ 5.2.2 Printing of a receipt for declined transactions supported?

    ☑ 5.2.3 Printing of a receipt for approved transactions supported?

☐ 5.3 The device recognizes dates ending 50 to 99 as 2050 to 2099?

☑ I confirm that the product details stated in the Questionnaire and ICS forms are accurate and that all ICS options supported by the Visa Kernel ("kernel") in the product have been identified.

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Terms and Conditions

I am authorized to act on behalf of and legally bind the entity indicated in the Company Name field (" the Company") for whom I am submitting this form.

The Company and Visa are party to a Visa Approval Services Testing Agreement ("ASTA") and such ASTA is currently in effect. This submission is made pursuant to the ASTA and the Testing Requirements in effect as of the date of this submission.

To the extent that no ASTA is currently in effect, I acknowledge and agree on behalf of the Company that all information included in this form is disclosed to Visa and/or its employees, officers, directors, agents, representatives and/or separately incorporated regions or subsidiaries ("Visa Representatives") on a NON-CONFIDENTIAL BASIS and that Visa and the Visa Representatives shall have no obligation, express or implied, to maintain the secrecy, confidentiality or non-public nature of any such information.

Notwithstanding any provision of any agreement or other obligation to which the laboratories chosen in this form for testing of this product ("Test House") may be subject, the Company hereby consents to:

i.   The disclosure by the Test House to Visa of a copy of pertinent documents pertaining to testing (i.e. technical specifications, required submission forms, etc.) and test reports, generated following testing of the Company's product.
ii.   The presence of a representative of Visa, whose name will be provided to the Test House, during testing of the Company's product.
iii.   The confirmation or denial by the Test House of the content and accuracy of any test report submitted to Visa for product approval.
iv.   The disclosure by the Test House to Visa of scheduling information regarding test dates with the laboratory and timeframes of completion of testing.
v.   Granting Visa and its designees permission to test, copy, reverse engineer, by-pass intellectual property protection mechanisms, or perform any other action or process that Visa deems necessary in its sole discretion in order to determine if approval will be granted.
vi.   If any problems occur during functional or security testing that would not allow the chip product to successfully complete testing, I understand that:
   1. All official testing will stop.
   2. My company is responsible for all costs incurred with the Test House.
   3. The problem found in testing must be corrected if the product is going to be resubmitted for testing.

☑   I acknowledge and accept the terms and conditions specified above.

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VISA

Instructions for Chip Card Acceptance Device Questionnaire and Implementation Conformance Statement (ICS) for Contactless Devices and Readers

_____

Chip Card Acceptance Device Questionnaire

Section 2 Product Identification

Q2.0 Visa Reference Number (VTF#)

Upon submission of the questionnaire, Approval Services will provide a Visa Reference Number.

Q2.2 Submission Type. If you are changing an approved product or seeking to make a derivative, please provide additional details in Section 7.

(A) **New Product:** The product has never been submitted to Visa Approval Services.

(B) **Derivative:** The product is based on a previously approved product. Once approved, a secondary product is created, which will not replace the previously approved product.

EXAMPLE OF DERIVATIVE:

A new reader/terminal using the same Visa kernel approved in another product.

(C) **Changing an Approved Product:** The product is based on a previously approved product. Once approved, it will replace the previously approved product.

Section 3 Product Elements Information

Q3.0 Product Configuration

(A) PCDA (External Reader) / S-ICR
(B) PCDI (Internal Reader) / FIT
(C) PCDI (External Reader) / [Combination Reader or M-ICR]

Visa and EMVCo use several equivalent terms. Tables 1-3 below define the terms used in the answer selections for Q3.0:

Table 1 PCDA / S-ICR

Visa / EMVCo	Acronym	Description
Visa	PCDA	PCDA (Proximity Coupling Device with Application) is a contactless reader that supports the contactless interface and MSD and/or qVSDC application.
EMVCo	S-ICR	Single Component Intelligent Card Reader

Table 2 PCDI (Internal Reader) / FIT

Visa / EMVCo	Acronym	Description
Visa	PCDI (Internal Reader)	PCDI (Proximity Coupling Device Integrated - Internal Reader) is a device that supports VSDC, and/or MSD, and/or qVSDC application. It contains a contactless reader that supports the contactless interface.
EMVCo	FIT	Fully Integrated Terminal

Table 3 PCDI (External Reader) / [Combination Reader or M-ICR]

Visa / EMVCo	Acronym	Description
Visa	PCDI (External Reader)	PCDI (Proximity Coupling Device Integrated - External Reader) is a terminal with an external contactless reader. The device supports VSDC, and/or MSD, and/or qVSDC application.
EMVCo	[Combination Reader or M-ICR]	EMVCo divides these devices into two different types: (1) Combination Reader. The Visa Application resides on the terminal; the connected reader supports the Level 1 communications interface. (2) M-ICR (Multiple Component Intelligent Card Reader.) The Visa Application resides on both the terminal and the reader.

Definitions

The following Device Types are defined as:

Q3.5.1 Mobile Point-of-Sale Devices (mPOS)

A chip acceptance device that is physically connected to, or is itself, a mobile handset.

Variants

The following mPOS type qualifies for **Req 5.8** exemption based on Approval Services Announcement ASA20180730:

1. Dongle-type Contactless payment reader that is directly connected to a mobile handset without any cables or attachments.
   Example: A Contactless reader plugged into a headset's audio jack.

The following mPOS types are required to conform to **Req 5.8** like other terminal types:

2. Portable Contactless payment reader with a small footprint.
   Example: Tiny reader that can be integrated into a custom casing or user interface hardware like a tablet to create a mobile POS system.
3. Visa Mobile Contactless payment application or software on a mobile handset.
   Example: A handset component like SD Card, SIM, etc.

Q3.6 Vending Devices
A chip acceptance device that is to be mounted on a Vending Machine. The device conforms to the physical dimensions prescribed by a national or international standards body.

Please refer to *Chip Card Acceptance Device Testing and Approval Requirements* available on Visa Digital Partner Services portal Library section, for additional information regarding submission requirements and procedures.

Section 5 Product Level 2 Information

Q5.0 and Q5.1 Visa Kernel:

The Visa Kernel ("kernel") is made up of all software components that provide for VCPS functionality (i.e. all requirements as defined in the VCPS specifications). This includes any modules that perform kernel functionality (i.e. crypto libraries for RSA/fDDA functions, etc.).

Pre-processing/Application Selection may be included in the Visa Kernel or outside the Visa Kernel as a separate module, but is still regarded as part of the overall kernel as such functionality is defined by VCPS.

Q5.3 Visa Kernel Checksum:

The Visa Kernel Checksum ("checksum") must include at a minimum the Visa Kernel ("kernel") and all external libraries supporting kernel functionality. Pre-processing/Application Selection may be included in the checksum of the kernel or may have an independent checksum. If separate, the vendor is required to provide the checksum for the kernel and the checksum for the Pre-processing/Application Selection module. If only one checksum is provided, it is assumed Pre-processing/Application Selection is included in the Visa Kernel Checksum.

If the Visa Kernel is split into multiple locations (i.e. part on the reader, part on a server), each portion should have an independent checksum but the Kernel Checksum shall include all sub-portions of the kernel into the final checksum.

Q5.4 Non-Visa Kernels:

A non-Visa Kernel is defined as another kernel that is independent of the Visa Kernel. This may be another Payment System Kernel or proprietary kernel. The vendor only needs to declare a non-Visa Kernel in the CDQ if that kernel interacts with the Visa Kernel. Otherwise, such applications need not be declared.

Implementation Conformance Statement (ICS)
for Contactless Devices and Readers

_____

When completing the Implementation Conformance Statement (ICS) for Contactless Devices and Readers, please adhere to the following guidelines:

1. Your implementation shall always comply with a valid non-sunset Visa specification(s) (VCPS, VCTKS and/or VOQOS).
2. You must select ICS options that represent the features that were developed in the submitted product.
3. You are responsible to ensure that you accurately submit test samples with the same features/configuration as indicated in the ICS options.
4. Products should always be developed to the specification and not the test plans.
5. Approval Services has the right to reject any ICS changes while in testing and require a new test cycle.

Appendix B: Fail Summary

T_14_5_5_C02_01

The third transaction is required to perform a Magnetic Stripe transaction. As the Magnetic Stripe interface supports bi-directional, we performed the test case from both directions.

When swipe the card along the Magnetic Stripe slot from top to bottom, it can be observed the contactless interface has detected the card but the Contactless transaction does not complete ("Select PPSE" command was logged), and a Magnetic Stripe transaction has been successfully completed.

When swipe the card along the Magnetic Stripe slot from bottom to top, it can be observed a Magnetic Stripe transaction has been successfully completed without interference.

According to VISA Announcement "ASA20180730 - VCPS Contactless Interference Testing for Devices" (see communication #4 in Appendix D) and "ASQ00200004" (see in Appendix C), if the contactless interface detects the contactless-capable card but the transaction is still able to successfully complete the attempted contact or magnetic stripe transaction, then the test case pass criteria is considered to have been met.

T_23_5_8_C03_01

When the card is held in the top of Magnetic Stripe interface for around two seconds before gradually running the card along the Magnetic Stripe slot, it can be observed the contactless interface has detected the card and a contactless transaction has been successfully completed.

When the card is held in the bottom of Magnetic Stripe interface for around two seconds, it can be observed that the contactless interface does not detect the card. While gradually running the card along the Mag Stripe slot, a Magnetic Stripe transaction has been successfully completed without interferences.

According to VISA test plan v2.2c, the Pass Criteria of this test case requires that a contactless transaction should NOT be performed. The device behaviour does not accomplish with Pass Criteria.

According to VISA Announcement "ASA20180730 - VCPS Contactless Interference Testing for Devices" (see communication #4 in Appendix D), if the product completes the contactless transaction after interference, this product is eligible for an approval with Informational Comment on the LOA, if there are no other issues.

Appendix C: Visa queries

ASQ15882

Query System > View Query
ew Query

Query ID:	ASQ15882
Status:	Closed
Submitted:	02/06/2023
Query Area:	Device Testing
Query Topic:	VCPS 2.2c Build 220225
Query Subject:	Test Case
Test Case Number:	T_0435_5_47_C03_01; T_0438_5_47_C05_01
Card Image:	
Visa Reference Number:	
Related Question ID:	ASQASQ15744
Question Summary:	Clarification for device behavior when testing T_0435_5_47_C03_01 and T_0438_5_47_C05_01
Question:	Related Question ID: ASQ15744

Question Summary: Clarification for device behavior when testing T_0435_5_47_C03_01 and T_0438_5_47_C05_01
Question:
Dear Approval Services,

Currently we have one VCPS terminal under Type Approval session and when we run the test case T_0435_5_47_C03_01 and T_0438_5_47_C05_01, we can observe the final transaction outcome is Switch Interface (the contact transaction can be completed successfully) instead of Terminate which is inconsistent with Pass Criteria.

According to VCPS specification Figure 5-1, the device shall indicates error to cardholder in such scenario (when the candidate list is empty).

According to Visa's response in ASQ15744, it is acceptable switch interface in this scenario as long as reader clearly indicates to switch interface for the test case T_0393_5_47_C03_01.

Could you please confirm your answer is also applicable for the test case T_0435_5_47_C03_01 and T_0438_5_47_C05_01? Thank you!

Close Date:	02/07/2023
Answer:	Thank you for your query.

Same response as query ASQ15744 applies to this query as well. In other words, it is acceptable to switch interface and complete contact transaction in this scenario if reader clearly indicates to switch interface for the test cases T_0435_5_47_C03_01 and T_0438_5_47_C05_01

T_0435_5_47_C03_01 and T_0438_5_47_C05_01

The Pass Criteria of the test case T_0435_5_47_C03_01 and T_0438_5_47_C05_01 require the transaction has the outcome of "Terminate", it can be observed that the transaction outcome for these two test case is Switch Interface (Contact transaction can be completed successfully) which is inconsistent with Pass Criteria.

According to VCPS specification Figure 5-1, the device shall indicate error to cardholder in the scenario of empty candidate list. According to Visa query ASQ15882, the current device behavior is accepted by Visa.

ASQ0020004

Clarification on the interference testing

Jennifer Jiang added a comment.

Dear Approval Services,

We have one product that supports contactless, contact and Magstripe interfaces. When perform the third transaction of the test case T_14_5_5_C02_01, we can observe the device shows different behavior when swipe the card from top to bottom and from the bottom to top.

1. To perform a Magstripe transaction, if we swipe the card from the top to bottom, we can visually observe that the Magstripe transaction can be completed successfully, but from the log, we can observe that the contactless interface has detected the card, and "SELECT PPSE", "SELECT AID" or randomly "GPO" command will be logged. See attached video "T_14_5_5_C02_01_SwipeFromTopToBottom.mp4" with 5 Magstripe transactions performed and one example log file "T_14_5_5_C02_01_3rdMagstripeTransaction.log" from 1 of these 5 Magstripe transactions.

2. If we swipe the card from the bottom to top, we can visually observe that the Magstripe transaction can be completed successfully as well (see attached video "T_14_5_5_C02_01_SwipeFromBottomToTop.mp4"). In such situation, the card was not detected by contactless interface and therefore no any contactless commands will be logged.

Question 1: Is it acceptable for the device behavior when swipe the card from top to bottom based on the described behavior above?

Question 2: We can observe the device is behaving correctly if we swipe the card from bottom to top, but we need your confirmation if it is acceptable to perform the Magstripe transaction from bottom to top?

19 Apr 2023

Approval Services added a comment.

Thank you for your query.

RE Question 1:
From the description and video provided, the behavior of the device when swiped from top-to-bottom is acceptable.
Per ASA20180730, if contactless interference happened but the attempted Magnetic Stripe transaction could eventually complete, the Pass Criteria is considered to have been met.
This means Informational Comment will not be added if product is approved.

Note that the test case will still need to be reported as Fail with comments describing the behavior.
You can also include the comment about the behavior when swiped from bottom-to-top in the report.

Kindly ensure, especially when you observe GPO command is logged, that Contactless transaction does not complete and only Magnetic Stripe transaction completes.
If both transactions complete, it is not acceptable.

RE Question 2:
Swiping direction to test in VCPS testing usually follows the direction indicated on the device.
If indicator is not available, we might need both directions to be tested and both results reported.

For ADP Validation, both directions are required to be tested.

20 Apr 2023

BACK   REOPEN QUESTION

ASQ0020004

Status: Closed

QUESTION INFO
Author Organization: Applus Shang
Area: Terminal
Topic: MSD/qVSDC (VCPS)
Subtopic: 2.2c Build 220225
Test Plan Update: No

CONTRIBUTORS ⓘ
  Jennifer Jiang (Author)

LINKED QUESTIONS
No linked question.

Appendix D: Communication with Visa

Communication #1: Visa Testing Authorization

The test session of this report started after receives the authorization testing on 23rd of November 2023.

From: ApprovalServices@visa.com <ApprovalServices@visa.com>
Sent: Thursday, November 23, 2023 10:40 AM
To: carlos.garcia.m@applus.com
Cc: jennifer.jiang@applus.com; itlabs.schemes.shn@applus.com; Approval Services <ApprovalServices@visa.com>; Tan, Cheah Sin <chetan@visa.com>; Chun, Kelvin <kchun@visa.com>; Lavina Lu <Lavina.Lu@idtechproducts.com>; Hilda He <Hilda.He@idtechproducts.com>; Lucy Li <Lucy.Li@idtechproducts.com>; Emily Chiao <Emily.Chiao@idtechproducts.com>; François Schauber <Francois.Schauber@idtechproducts.com>
Subject: CDIDTE02602A : Testing Authorization

Approval Services is authorizing you to perform the following testing and/or evaluation:

Interoperability 2.0 - Full

qVSDC - Full. + CLQ.Z.001.00 / CLQ.Z.002.00 / CLQ.Z.003.00

Please note that this derivative requires Full Testing. Vendor is aware of the testing requirement.

If you have any questions about this email please contact Approval Services.

Thanks - Mabel Tan

Approval Services

This message and any attachments may contain confidential or privileged information and are intended only for the use of the intended recipients of this message. If you are not the intended recipient of this message, please notify the sender by return email, and delete this and all copies of this message and any attachments from your system. Any unauthorized disclosure, use, distribution, or reproduction of this message or any attachments is prohibited and may be unlawful.

Communication #2: CLQ.Z.001.00, CLQ.Z.002.00, CLQ.Z.003.00

9/29/21, 11:30 AM   Secure Message: LABORATORY NOTIFICATION | LN20210928 | VCPS/VCTKS Dates Processing Test Cases | VISA SECURE

LABORATORY NOTIFICATION #LN20210928

VCPS and VCTKS Dates Processing Test Cases Announcement

To: Visa Accredited Laboratories

Issue Date: September 28, 2021

Effective Date: September 28, 2021

Dear Laboratories,

Background

In recent past, we were notified by some Test Labs that few terminal products have limitation that do not allow/support to set transaction dates beyond 2037 through 2049. As a reminder, terminal products built to VISA reader specifications shall support terminal transaction date, certificates expiration date, and application expiration date processing from year 1950 to 2049 as defined in EMV 4.3 Book 4 Chapter 6.7.

Example: the terminal shall be able to recognize:

- Application expiration date (YYMMDD) 501231 as 31 Dec 1950, 991101 as 01 Nov 1999, 491231 as 31 Dec 2049
- Certificate expiration (MMYY) 0150 as Jan 1950, 1199 as Nov 1999, 1249 as Dec 2049

Immediate Solution

Current testing for VCPS 2.1.3, VCPS 2.2, and VCTKS terminal products do not cover some transaction dates testing, such as year 2037 and 2049 to name a few, due to the lack of such test cases in respective test plans. Hence we are introducing three new test cases for VCPS terminal product testing and three modified test cases for VCTKS terminal product testing as an immediate solution to cover various transaction dates in the year of 2000s and beyond. Please find the test cases in the attached documents.

These test cases are extracted from existing **VCTKS 1.1a** test plan and modified to cover various transaction dates and pass criteria accordingly.

Note that there is no change to the card profile whatsoever. This would mean current VCTKS test scripts can be used to test VCPS and VCTKS terminal products by setting the transaction dates as stated in each of these test cases.

The pass criteria validation however must be performed manually for these test cases as some of the pass criteria are modified due to the change in the Transaction Date and your test tool will most likely flag some of the tests as 'Fail'. Note that Test Labs shall not modify tool verdict but must notate in the type approval report the actual verdict based on manual verification of these test cases.

   (i)   **VCPS 2.1.3 and VCPS 2.2 Terminal Products Testing:**

Test Labs will follow current testing requirements as is (no change here). In addition, Test Labs will be authorized to execute the new test cases from the attached document by utilizing the following VCTKS test scripts:

- VTK.N.071.00 for CLQ.Z.001.00
- VTK.N.071.01 for CLQ.Z.002.00
- VTK.T.002.00 for CLQ.Z.003.00

Pass criteria will need to be validated manually for each sub case and verdict will be included in the type approval report (in a separate table from the existing VCPS test results table if any):

We understand that log names of the new test cases will not be same as test case names (VTK.x.xxx.xx instead of CLQ.Z.xxx.xx) and this is acceptable. Test Labs will notate in the type approval report test case names as stated in the attached document (CLQ.Z.xxx.xx).

The Tool verdict shall not be changed.

   (ii)   **VCTKS Terminal Products Testing:**

Test Labs will follow current testing requirements as is (no change here). However, for VTK.N.071.00, VTK.N.071.01, and VTK.T.002.00 test cases, Test Labs will need to update terminal transaction date as stated in the attached document and validate pass criteria manually.

Type approval report shall contain the verdict manually verified by Test Labs. The Tool verdict shall not be changed.

The immediate solution described above is valid until updated test plans become available in the future.

Product Approval Evaluation

Following criteria is applied for issuing LOA when product passes all required testing (no failures what so ever unless the failure is accepted by VISA via query system):

1. Terminals capable of supporting latest terminal date up to 31 Dec 2049 will be eligible for Approval
2. Terminals capable of supporting latest terminal date up to 31 Dec 2037 but not capable of supporting latest terminal dates up to 31 Dec 2049 will be eligible for Approval still

If product fails Test cases with dates beginning Jan 1st 2038 through Dec 31st 2049, Lab are not required to submit a query. Such products are eligible for approval

For any questions related to this announcement, please contact kchun@visa.com or Approval Services.

This is effective immediately. Please confirm by email that you fully understand this requirements.

Best regards,

Kelvin Chun |Chip Testing & Approval | Visa | ☎: 650 432-3536| M ☎: 650 245-1173| 📠: 650 554-6699 |✉ : kchun@visa.com

Communication #3: Switch Interface Testing

Jennifer Jiang

From:	Chun, Kelvin <kchun@visa.com>
Sent:	Thursday, April 21, 2022 1:00 PM
To:	Chun, Kelvin
Cc:	Approval Services
Subject:	LABORATORY NOTIFICATION | LN20220420 | Switch Interface Testing

Importance:	High

Think before you click. This email is from an external source

LABORATORY NOTIFICATION #LN20220420
SWITCH INTERFACE TESTING

To:	Visa Accredited Laboratories
Issue Date:	April 20, 2022
Effective Date:	April 20, 2022

Dear Laboratories,

Background
Recently we have discovered that some terminals do not implement switch interface mechanism as required in VCPS Section 3.1.2 Switch Interface(s) Definition.
These terminals correctly output a switch interface outcome. However, we are not able to verify that the terminals allow the cardholder to perform a transaction on the other interface without re-entering amount.

Immediate Solution
VCPS 2.2c test plan have various test cases that verify the switch interface outcome.
However, these test cases do not verify if terminal allows the cardholder to perform a transaction on the other interface without re-entering amount.

To cover this gap, _additional pass criteria_ is introduced to four test cases from Automated test suite of **VCPS 2.2c** test plan listed below:
- T_XXXX_5_30_C04_01
- T_XXXX_5_30_C05_01
- T_XXXX_5_61_C01_01
- T_XXXX_5_78_C007_01

The additional pass criteria to be verified manually is as follows:
- If the terminal outcome is Switch Interface, ensure amount is not required to be re-entered and transaction in other interface can be performed.

NOTE:
1) Test cases name do not begin with "T_XXXX". The complete test cases name can be found by querying the test plan **index.html** file with string located right after "T_XXXX".
The reason for this is to avoid sending another communication if and when next build version of VCPS 2.2c test plan becomes operational as the first four numbers after "T_" are likely to be different.

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2) If Reader Controller is used for automated testing, the above test cases shall be re-executed manually due to the manual verification required on the pass criteria.

Test Laboratories will notate the verdict of the additional pass criteria for these test cases in the Comment column in their type approval report submitted to VISA.
The same comment shall be included in the RRAP.
The Tool verdict shall not be changed.

This additional pass criteria verification is applicable to all **VCPS 2.2c** test sessions in addition to current testing requirements.

The information in this announcement is also available in VTP Query **ASQ15712**.

This communication is effective immediately and applies to all products that do not have Type Approval Report package submitted to Approval Services yet.

Please confirm by email that you fully understand this requirement.

Best regards,

Kelvin Chun |Chip Testing & Approval | Visa | ☎: 650 432-3536| M ☎: 650 245-1173| ▤: 650 554-6699 |🖂 **: kchun@visa.com**

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Communication #4: VCPS Contactless Interference Testing for Devices

The list of test cases provided below are related to contactless reader placement and accidental contactless transactions.

According to VISA clarifications indicated in Announcement "*ASA20180730 - VCPS Contactless Interference Testing for Devices*", if the product completes the contactless transaction after interference, this product is eligible for an approval with Informational Comment on the LoA, if there are no other issues.

The affected test cases are:

T_14_5_5_C02_01

T_23_5_8_C03_01

Below is attached the VISA Announcement "*ASA20180730 - VCPS Contactless Interference Testing for Devices*" which indicates the exemption for interference testing cases for different terminal types. Relevant text has been highlighted.

▪▪

N o t i f i c a t i o n # ASA 20180730

VCPS Contactless Interference Testing for Devices

ISSUE DATE: 30 – July - 2018

EFFECTIVE DATE: 30 – July – 2018

Dear Vendors,

This announcement is to clarify Approval Services' test evaluation based on the requirements stated in the Visa Chip Approval Note released on October 2016.

The note exempts the following terminal types from having to pass tests related to contactless reader placement and accidental contactless transactions:

· Mobile Point-of-Sale Devices (mPOS)

A chip acceptance device that is physically connected to, or is itself, a mobile handset

· Vending Devices

A chip acceptance device that is to be mounted on a Vending Machine. The device conforms to the physical dimensions prescribed by a national or international standards body.

All terminal types, including mPOS and Vending Devices, that supports multiple interfaces, are subject to test cases corresponding to Req 5.8 in the Visa Contactless Payment Specifications (VCPS).

Approval Services will evaluate the outcome of the tests as follows to determine a terminal's eligibility for approval:

· mPOS and Vending Devices are not required to pass test cases related to contactless reader placement and accidental contactless transactions. These terminal types are eligible for approval regardless of the results of these test cases. This is on condition that there are no other failures.

· All other terminal types, regardless of size, are required to fully conform to VCPS Req 5.8 and pass appropriate test cases.

o In the event of test failure(s), where the terminal's contactless interface picks up a transaction attempted on another interface (contact or magnetic stripe), the terminal is eligible for an approval with Informational Comment if the contactless transaction successfully completes. This is on condition that there are no other failures.

Note: If the contactless interface detects the contactless-capable card but the transaction is still able to successfully complete the attempted contact or magnetic stripe transaction, then the test case pass criteria is considered to have been met.

o However, the terminal will NOT be eligible for an approval if the terminal is not able to complete the transaction over any one of the attempted interfaces when a contactless interference occurs.

Please contact Approval Services at approvalservices@visa.com for any questions.

Thank you.

Best Regards,

Visa Approval Services

Appendix E: Communication with the Client

No relevant communication with client to be mentioned in the report was performed; therefore this Appendix is left blank.

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Appendix F: Communication with Test Tool Supplier

No relevant communication with Test Tool Supplier to be mentioned in the report was performed; therefore this Appendix is left blank.

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Appendix G: Checksum validation

As can be observed from Questionnaire, the value of Visa Application Kernel Checksum is "A9 66 C0 90 76 D4 69 59 D8 C9 3B DA 1E 42 E8 32 56 58 F6 51". The kernel checksum information can be verified from the SDK.

The detailed information on how to check the checksum information step by step can be accessed from the Acceptance Device Profile document, refer to Chapter 5.3.8 "Checking OS and Visa Application (Name and Version) and Kernel Checksum".

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End of document.

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