



**User Acceptance Test (UAT) Europe
EMV™ Test Card Set
Summary**

Version 10.00

July 2020

Powered by B2»

Disclaimer

Information provided in this document describes capabilities available at the time of developing and delivering this document and the associated test cards and information available from industry sources. This document is intended to be used as a guideline only and B2 Payment Solutions, Inc. and/or its affiliates accept no liability for any errors or omissions in this document and/or for any results of client's reliance thereon.

Copyright

© 2017 by B2 Payment Solutions, Inc. All rights reserved. All information and data contained herein and within the associated test cards is confidential and proprietary to B2 Payment Solutions. Such information shall not be disclosed, duplicated, reverse-engineered or used in part or in whole, for any purpose without prior written consent from B2 Payment Solutions, Inc. other than specific internal, non-commercial, non-assignable use in conjunction with the UAT European EMV™ Test Card Set (16 cards) only.

Attribution

EMV™ is a trademark owned by EMVCo LLC.

All trademarked symbols seen below are registered trademarks of their respective organizations: American Express Company, Discover Financial Services, Mastercard International Incorporated and Visa Inc.



B2 Contact Information

Canada
251 Consumers Road, Suite 1200, Toronto, ON M2J 4R3
Tel: 416.730.9827

U.S.A.
1615 S. Congress Avenue, Suite 103, Delray Beach, FL 33445
Tel: 470.233.7374

Revision History

| Version | Date | Updated By | Revisions |
|---------|--------------------|------------|--|
| 1.00 | July 13, 2016 | B2PS | <ul style="list-style-type: none"> Initial document release |
| 2.00 | September 18, 2017 | B2PS | <ul style="list-style-type: none"> TC15, 16 - 2-byte Kernel ID implemented TC02, 03, 05, 06, 09 converted to DI cards TC07, 09, 10, 11, 12, 15, 16 - CVM tables added for contactless |
| 3.00 | October 16, 2017 | B2PS | <ul style="list-style-type: none"> TC01, 07, 08, 12 change to country/curr/lang. TC02, 04 change to country/lang. |
| 4.00 | December 22, 2017 | B2PS | <ul style="list-style-type: none"> TC15, TC16 - Cards updated with increased contactless facility, 'Approval Amount' updated |
| 5.00 | July 10, 2018 | B2PS | <ul style="list-style-type: none"> TC09 - change to contactless CVM, change of IIN in certificate |
| 6.00 | August 20, 2018 | B2PS | <ul style="list-style-type: none"> TC02 v4.0, TC03 v3.0: change to Card Additional Process (do not prefer contact & offline PIN). Not visible in this document. |
| 7.00 | Sep 24, 2018 | B2PS | <ul style="list-style-type: none"> Amex cards (TC11, TC12) - Expiry date changed to 24/12 Discover, Diners cards (TC15, TC16) - Expiry date changed to 23/12 |
| 7.10 | October 17, 2018 | B2PS | <ul style="list-style-type: none"> TC09 - Expiry date in Profile table corrected |
| 7.20 | November 2, 2018 | B2PS | <ul style="list-style-type: none"> TC02, TC03, TC05, TC06, TC09 - Corrected card types (now DI) |
| 8.00 | November 27, 2018 | B2PS | <ul style="list-style-type: none"> TC05, TC06 - modified PDOL content, CVM |
| 9.00 | February 26, 2019 | B2PS | <ul style="list-style-type: none"> TC11, TC12 - Tag 57 expiry dates corrected |
| 9.01 | June 21, 2019 | B2PS | <ul style="list-style-type: none"> Set renamed to "UAT EUR EMV Test Card Set". No change to cards themselves. |
| 10.00 | July 2, 2020 | B2PS | <ul style="list-style-type: none"> TC01-TC10 – updated cardstock support, where applicable "MasterCard">"Mastercard" |

Table of Contents

| | |
|---|-----------|
| Chapter 1 - User Acceptance Test European Test Card Set Profiles | 2 |
| 1.1 Test Card 01 - Test Card 01 - Visa, DI, High-Value, Credit, FR/EN, FRA, EUR..... | 6 |
| 1.1.1 Cardholder Verification Method List - AID A0000000031010 | 6 |
| 1.2 Test Card 02 - Visa, DI, VPAY, Debit, ES/EN, ESP, EUR..... | 6 |
| 1.2.1 Cardholder Verification Method List - AID A0000000032020 | 6 |
| 1.3 Test Card 03 - Visa, DI, Electron, DE/FR/IT/EN, CHE, EUR..... | 6 |
| 1.3.1 Cardholder Verification Method List - AID A0000000032010 | 6 |
| 1.4 Test Card 04 - Visa, DI, Debit, English, DE/EN, AUT, EUR | 7 |
| 1.4.1 Cardholder Verification Method List - AID A0000000031010 | 7 |
| 1.5 Test Card 05 - Visa, DI, Signature, Credit, EN, USA, USD | 7 |
| 1.5.1 Cardholder Verification Method List - AID A0000000031010 | 7 |
| 1.6 Test Card 06 - Visa, DI, No CVM, Credit, EN, GBR, GBP | 7 |
| 1.6.1 Cardholder Verification Method List - AID A0000000031010 | 7 |
| 1.7 Test Card 07 - Mastercard, DI, Credit, DE/EN, DEU, EUR..... | 8 |
| 1.7.1 Cardholder Verification Method List - AID A0000000041010 | 8 |
| 1.7.2 Cardholder Verification Method List (CL) - AID A0000000041010 | 8 |
| 1.8 Test Card 08 - Mastercard, Contact, Fail ARPC, Credit, EN, GBR, GBP | 8 |
| 1.8.1 Cardholder Verification Method List - AID A0000000041010 | 8 |
| 1.9 Test Card 09 - Mastercard, DI, Maestro Int'l, Debit, IT/EN, ITA, EUR..... | 9 |
| 1.9.1 Cardholder Verification Method List - AID A0000000043060 | 9 |
| 1.9.2 Cardholder Verification Method List (CL) - AID A0000000043060 | 9 |
| 1.10 Test Card 10 - Mastercard, DI, Debit, EN/FR, BEL, EUR..... | 9 |
| 1.10.1 Cardholder Verification Method List - AID A0000000041010 | 9 |
| 1.10.2 Cardholder Verification Method List (CL) - AID A0000000041010 | 9 |
| 1.11 Test Card 11 - Amex, DI, U.S. Profile, Credit, EN, USA, USD | 10 |
| 1.11.1 Cardholder Verification Method List - AID A000000025010402 | 10 |
| 1.11.2 Cardholder Verification Method List (CL) - AID A0000025010402 | 10 |
| 1.11.3 Cardholder Verification Method List - AID A0000000291010 | 10 |
| 1.12 Test Card 12 - Amex, DI, EUR Profile, Credit, NL/EN, NLD, EUR..... | 11 |
| 1.12.1 Cardholder Verification Method List - AID A000000025010402 | 11 |
| 1.12.2 Cardholder Verification Method List (CL) - AID A000000025010402 | 11 |
| 1.12.3 Cardholder Verification Method List - AID A0000000291010 | 11 |
| 1.13 Test Card 13 - Visa, Chip-error, Technical Fallback..... | 12 |
| 1.14 Test Card 14 - Mastercard, MSR Fallback (ECL) Card..... | 12 |
| 1.15 Test Card 15 - Discover, DI, Credit, EN, GBR, GBP | 12 |
| 1.15.1 Cardholder Verification Method List - AID A0000001523010 | 12 |
| 1.15.2 Cardholder Verification Method List (CL) - AID A000001523010 | 12 |
| 1.16 Test Card 16 - Diners, DI, Credit, EN, GBR, GBP | 13 |
| 1.16.1 Cardholder Verification Method List - AID A0000001523010 | 13 |
| 1.16.2 Cardholder Verification Method List (CL) - AID A000001523010 | 13 |

CAUTION

Multiple consecutive incorrect PIN entry attempts may result in the card being blocked.

This is known as being 'PIN Blocked'.

If this occurs, it will no longer be possible to enter an Offline PIN,
which will cause all future transactions to be declined.

***** It is not possible to unblock a 'PIN Blocked' card *****

Chapter 1 - User Acceptance Test European Test Card Set Profiles

This User Acceptance Test (UAT) European Test Card Set contains 16 cards with at least one card from each of the following card brands.



| | Test Card 01 | Test Card 02 | Test Card 03 |
|----------------------------------|-------------------------------------|-------------------------------------|---|
| Brand | Visa | Visa | Visa |
| Description | Credit, High-Value | Debit, V PAY | Electron |
| AID | A0000000031010 | A0000000031020 | A0000000031010 |
| PAN list | 476173 ***** 0119 | 476173 ***** 0010 | 476173 ***** 0010 |
| IIN | - | 476173 | - |
| Expiry Date | 12/2022 | 12/2022 | 12/2022 |
| Service Code | 201 | 220 | 220 |
| Interface | Contact, Contactless, MSR | Contact, Contactless, MSR | Contact, Contactless, MSR |
| CVM | See card definition | See card definition | See card definition |
| Approval Amount | \$10.00 | \$10.00 | \$10.01 |
| Issuer Country Code | 250 - FRA | 724 - ESP | 756 - CHE |
| Application Currency Code | 978 - EUR | 978 - EUR | 978 - EUR |
| Language | 'fren' - French, English | 'esen' - Spanish, English | 'defriten' - German, French, Italian, English |
| Card Version | v3.0 | v5.0 | v4.0 |

| | Test Card 04 | Test Card 05 | Test Card 06 |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Brand | Visa | Visa | Visa |
| Description | Debit | Credit | Credit, No CVM |
| AID | A0000000031010 | A0000000031010 | A0000000031010 |
| PAN | 476173 ***** 0135 | 476173 ***** 0119 | 476173 ***** 0010 |
| IIN | 476173 | - | - |
| Expiry Date | 12/2022 | 12/2022 | 12/2022 |
| Service Code | 201 | 201 | 201 |
| Interface | Contact, Contactless, MSR | Contact, Contactless, MSR | Contact, Contactless, MSR |
| CVM | See card definition | See card definition | See card definition |
| Approval Amount | \$10.00 | \$20.00 | \$20.00 |
| Issuer Country Code | 040 - AUT | 840 - USA | 826 - GBR |
| Application Currency Code | 978 - EUR | 840 - USD | 826 - GBP |
| Language | 'deen' - German, English | 'en' - English | 'en' - English |
| Card Version | v3.0 | v4.0 | v4.0 |

| | Test Card 07 | Test Card 08 | Test Card 09 |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Brand | Mastercard | Mastercard | Mastercard |
| Description | Credit | Credit, ARPC Failure | Maestro Int'l |
| AID | A0000000041010 | A0000000041010 | A0000000043060 |
| PAN | 541333 ***** 4111 | 541333 ***** 0011 | 679999 ***** 2010 |
| IIN | - | - | 679999 |
| Expiry Date | 12/2022 | 12/2022 | 12/2025 |
| Service Code | 201 | 201 | 220 |
| Interface | Contact, Contactless, MSR | Contact, MSR | Contact, Contactless, MSR |
| CVM | See card definition | See card definition | See card definition |
| Approval Amount | \$20.00 | \$120.00 | \$20.00 |
| Issuer Country Code | 276 - DEU | 826 - GBR | 380 - ITA |
| Application Currency Code | 978 - EUR | 826 - GBP | 978 - EUR |
| Language | 'deen' - German, English | 'en' - English | 'iten' - Italian, English |
| Card Version | v3.0 | v3.0 | v4.0 |

| | Test Card 10 | Test Card 11 | Test Card 12 |
|---------------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| Brand | Mastercard | American Express | American Express |
| Description | Debit | U.S. Profile | EU Profile |
| AID | A0000000041010 | A0000000025010402 A00000000291010 | A0000000025010402 A00000000291010 |
| PAN | 541333 ***** 9130 | 374245 ***** 1003 | 374245 ***** 1003 |
| IIN | 541333 | - | - |
| Expiry Date | 12/2022 | 12/2024 | 12/2024 |
| Service Code | 201 | 201 | 201 |
| Interface | Contact, Contactless, MSR | Contact, Contactless, MSR | Contact, Contactless, MSR |
| CVM | See card definition | See card definition | See card definition |
| Approval Amount | \$20.00 | \$3.02 | \$3.02 |
| Issuer Country Code | 056 - BEL | 840 - USA | 528 - NLD |
| Application Currency Code | 978 - EUR | 840 - USD | 978 - EUR |
| Language | 'fren' - French, English | 'en' - English | 'nlen' - Dutch, English |
| Card Version | v2.0 | v3.0 | v4.0 |

| | Test Card 13 | Test Card 14 | Test Card 15 |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Brand | Visa | Mastercard | Discover |
| Description | Fallback | Fallback (ECL) | Offline PIN Preferring |
| AID | - | - | A0000001523010 |
| PAN | 476173 ***** 0267 | 541333 ***** 0011 | 651000 ***** 0133 |
| IIN | - | - | - |
| Expiry Date | 12/2022 | 12/2022 | 12/2023 |
| Service Code | 201 | 601 | 201 |
| Interface | MSR | MSR | Contact, Contactless, MSR |
| CVM | See card definition | See card definition | See card definition |
| Approval Amount | \$10.00 | \$20.00 | \$79.00 |
| Issuer Country Code | - | - | 826 - GBR |
| Application Currency Code | - | - | 826 - GBP |
| Language | - | - | 'en' - English |
| Card Version | v1.0 | v1.0 | v4.0 |

| | Test Card 16 |
|---------------------------|-------------------------------------|
| Brand | Diners Club |
| Description | Offline PIN Preferring |
| AID | A0000001523010 |
| PAN | 360705 **** 0046 |
| IIN | - |
| Expiry Date | 12/2023 |
| Service Code | 201 |
| Interface | Contact, Contactless, MSR |
| CVM | See card definition |
| Approval Amount | \$79.00 |
| Issuer Country Code | 826 - GBR |
| Application Currency Code | 826 - GBP |
| Language | 'en' - English |
| Card Version | v4.0 |

1.1 Test Card 01 - Test Card 01 - Visa, DI, High-Value, Credit, FR/EN, FRA, EUR

A Dual Interface (Contact / Contactless) Visa credit card with Issuer Country Code of 'FRA' and Currency Code of 'EUR'. Languages include: French, English.

The recommended transaction amount to generate a host approval is \$10.00.

1.1.1 Cardholder Verification Method List - AID A0000000031010

| Cardholder Verification Method List ('4201 4103 5E03 1F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.2 Test Card 02 - Visa, DI, VPAY, Debit, ES/EN, ESP, EUR

A Dual Interface (Contact / Contactless) Visa VPAY debit card with Issuer Country Code of 'ESP' and Currency Code of 'EUR'. Languages include: Spanish, English.

The recommended transaction amount to generate a host approval is \$10.00.

1.2.1 Cardholder Verification Method List - AID A0000000032020

| Cardholder Verification Method List ('4201 4103 4203 1F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Online PIN | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.3 Test Card 03 - Visa, DI, Electron, DE/FR/IT/EN, CHE, EUR

A Dual Interface (Contact / Contactless) Visa Electron card with Issuer Country Code of 'CHE' and Currency Code of 'EUR'. Languages include: German, French, Italian, English.

The recommended transaction amount to generate a host approval is \$10.01.

1.3.1 Cardholder Verification Method List - AID A0000000032010

| Cardholder Verification Method List ('4201 4103 5E03 1F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.4 Test Card 04 - Visa, DI, Debit, English, DE/EN, AUT, EUR

A Dual Interface (Contact / Contactless) Visa debit card with Issuer Country Code of 'AUT' and Currency Code of 'EUR'. Languages include: German, English.

The recommended transaction amount to generate a host approval is \$10.00.

1.4.1 Cardholder Verification Method List - AID A000000031010

| Cardholder Verification Method List ('4201 4103 5E03 1F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.5 Test Card 05 - Visa, DI, Signature, Credit, EN, USA, USD

A Dual Interface (Contact / Contactless) Visa debit card, online-only signature with Issuer Country Code of 'USA' and Currency Code of 'USD'. Languages include: English.

The recommended transaction amount to generate a host approval is \$10.00.

1.5.1 Cardholder Verification Method List - AID A000000031010

| Cardholder Verification Method List ('4201 4204 5E03 1F03') | | | |
|---|---------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Online PIN | Manual Cash | Next CVM |
| 3 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.6 Test Card 06 - Visa, DI, No CVM, Credit, EN, GBR, GBP

A Dual Interface (Contact / Contactless) Visa credit card with no CVM and Issuer Country Code of 'GBR' and Currency Code of 'GBP'. Languages include: English.

The recommended transaction amount to generate a host approval is \$20.00.

1.6.1 Cardholder Verification Method List - AID A000000031010

| Cardholder Verification Method List ('1F03') | | | |
|--|---------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | No CVM required | Terminal supports CVM type | Fail |

1.7 Test Card 07 - Mastercard, DI, Credit, DE/EN, DEU, EUR

A Dual Interface (Contact / Contactless) Mastercard credit card with Issuer Country Code of 'DEU' and Currency Code of 'EUR'. Languages include: German, English.

The recommended transaction amount to generate a host approval is \$20.00.

1.7.1 Cardholder Verification Method List - AID A000000041010

| Cardholder Verification Method List ('4201 4403 4103 5E03 1F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline PIN | Terminal supports CVM type | Next CVM |
| 3 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 4 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 5 | No CVM required | Terminal supports CVM type | Fail |

1.7.2 Cardholder Verification Method List (CL) - AID A000000041010

| Cardholder Verification Method List ('5E03 1F03') | | | |
|---|---------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 2 | No CVM required | Terminal supports CVM type | Fail |

1.8 Test Card 08 - Mastercard, Contact, Fail ARPC, Credit, EN, GBR, GBP

A Mastercard credit card that fails Authorization Response Cryptogram (ARPC) validation. This card has an Issuer Country Code of 'GBR' and Currency Code of 'GBP'. Languages include: English.

The recommended transaction amount to generate a host approval is \$120.00.

Note: If the host approves the transaction, the card will decline the transaction at the 2nd Generate AC.

1.8.1 Cardholder Verification Method List - AID A000000041010

| Cardholder Verification Method List ('5E03 1F00') | | | |
|---|---------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 2 | No CVM required | Always | Fail |

1.9 Test Card 09 - Mastercard, DI, Maestro Int'l, Debit, IT/EN, ITA, EUR

A Dual Interface (Contact / Contactless) Mastercard Maestro debit card with Issuer Country Code of 'ITA' and Currency Code of 'EUR'. Languages include: Italian, English.

The recommended transaction amount to generate a host approval is \$20.00.

1.9.1 Cardholder Verification Method List - AID A0000000043060

| Cardholder Verification Method List ('4201 4103 4203 1F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Online PIN | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.9.2 Cardholder Verification Method List (CL) - AID A0000000043060

| Cardholder Verification Method List ('0203 1F03') | | | |
|---|---------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Terminal supports CVM type | Fail |
| 2 | No CVM required | Terminal supports CVM type | Fail |

1.10 Test Card 10 - Mastercard, DI, Debit, EN/FR, BEL, EUR

A Dual Interface (Contact / Contactless) Mastercard debit card with Issuer Country Code of 'BEL' and Currency Code of 'EUR'. Languages include: English, French.

The recommended transaction amount to generate a host approval is \$20.00.

1.10.1 Cardholder Verification Method List - AID A0000000041010

| Cardholder Verification Method List ('4201 4403 4103 5E03 1F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline PIN | Terminal supports CVM type | Next CVM |
| 3 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 4 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 5 | No CVM required | Terminal supports CVM type | Fail |

1.10.2 Cardholder Verification Method List (CL) - AID A0000000041010

| Cardholder Verification Method List ('5E03 1F03') | | | |
|---|---------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 2 | No CVM required | Terminal supports CVM type | Fail |

1.11 Test Card 11 - Amex, DI, U.S. Profile, Credit, EN, USA, USD

A Dual Interface (Contact / Contactless) American Express credit card with U.S. Profile and Issuer Country Code of 'USA' and Currency Code of 'USD'. Languages include: English, French.

The recommended transaction amount to generate a host approval is \$3.02.

1.11.1 Cardholder Verification Method List - AID A00000025010402

| Cardholder Verification Method List ('4201 5E03 4103 5F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 3 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.11.2 Cardholder Verification Method List (CL) - AID A0000025010402

| Cardholder Verification Method List ('4201 5E03 1F02') | | | |
|--|---------------------|---|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 3 | No CVM required | Not Unattended Cash, Manual Cash or Cashback | Fail |

1.11.3 Cardholder Verification Method List - AID A000000291010

| Cardholder Verification Method List ('4201 5E03 4103 5F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 3 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.12 Test Card 12 - Amex, DI, EUR Profile, Credit, NL/EN, NLD, EUR

A Dual Interface (Contact / Contactless) American Express credit card with European Profile and Issuer Country Code of 'NLD' and Currency Code of 'EUR'. Languages include: Dutch, English.

The recommended transaction amount to generate a host approval is \$3.02.

1.12.1 Cardholder Verification Method List - AID A00000025010402

| Cardholder Verification Method List ('4201 4103 5E03 5F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.12.2 Cardholder Verification Method List (CL) - AID A00000025010402

| Cardholder Verification Method List ('4201 5E03 1F02') | | | |
|--|---------------------|---|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 3 | No CVM required | Not Unattended Cash, Manual Cash or Cashback | Fail |

1.12.3 Cardholder Verification Method List - AID A000000291010

| Cardholder Verification Method List ('4201 4103 5E03 5F03') | | | |
|---|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | Signature (paper) | Terminal supports CVM type | Next CVM |
| 4 | No CVM required | Terminal supports CVM type | Fail |

1.13 Test Card 13 - Visa, Chip-error, Technical Fallback

This card has a chip image printed on the card but it does not contain an actual chip. When inserted, a chip error will be detected.

This should trigger Technical Fallback processing and the transaction should continue as a Visa magstripe transaction.

The recommended transaction amount to generate a host approval is \$10.00.

1.14 Test Card 14 - Mastercard, MSR Fallback (ECL) Card

This card has an un-programmed chip. When inserted, an Empty Candidate List will result. The POS should invoke fallback processing.

The recommended transaction amount to generate a host approval is \$20.00.

1.15 Test Card 15 - Discover, DI, Credit, EN, GBR, GBP

A Dual Interface (Contact / Contactless) Discover credit card with Issuer Country Code of 'GBR' and Currency Code of 'GBP'. Languages include: English.

The recommended transaction amount to generate a host approval is \$160.00.

1.15.1 Cardholder Verification Method List - AID A000001523010

| Cardholder Verification Method List ('4201 4103 1F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | No CVM required | Terminal supports CVM type | Fail |

1.15.2 Cardholder Verification Method List (CL) - AID A000001523010

| Cardholder Verification Method List ('4201 4103 1F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Next CVM |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | No CVM required | Terminal supports CVM type | Fail |

1.16 Test Card 16 - Diners, DI, Credit, EN, GBR, GBP

A Dual Interface (Contact / Contactless) Diners Club International credit card with Issuer Country Code of 'GBR' and Currency Code of 'GBP'. Languages include: English.

The recommended transaction amount to generate a host approval is \$17.00.

1.16.1 Cardholder Verification Method List - AID A000001523010

| Cardholder Verification Method List ('0201 4103 1F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Fail |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | No CVM required | Terminal supports CVM type | Fail |

1.16.2 Cardholder Verification Method List (CL) - AID A000001523010

| Cardholder Verification Method List ('0201 4103 1F03') | | | |
|--|-----------------------|----------------------------|-----------------|
| CVM | Verification Method | Conditions | If unsuccessful |
| 1 | Online PIN | Unattended Cash | Fail |
| 2 | Offline Plaintext PIN | Terminal supports CVM type | Next CVM |
| 3 | No CVM required | Terminal supports CVM type | Fail |