USA Supplementary EMV™ Test Card Set Summary

Version 5.20

September, 2017

Powered by B2

Disclaimer

Information provided in this document describes capabilities available at the time of developing this document and information available from industry sources. This document is intended to be used as a guideline and B2 Payment Solutions, Inc. accepts no liability for any errors or omissions in this document.

Attribution

EMV™ is a trademark owned by EMVCo LLC.

All trademarked symbols seen below are registered trademarks of their respective organizations: American Express Company and Discover Financial Services.

B2 Contact Information

251 Consumers Road, Suite 1200, Toronto, ON M2J 4R3
555 Northpoint Center, Suite 400, Alpharetta, GA 30022
Tel: 416.730.9827   www.b2ps.com

Revision History

Version	Date	Updated By	Revisions
5.00	May 05, 2016	B2PS	Initial document release
5.01	May 26, 2016	B2PS	• Transaction Values added. • Various consistency, typographical, format corrections.
5.02	July 19, 2016	B2PS	• TC01, TC 02 - AID corrected in Profiles table. • Formatting changes to improve consistency across docs
5.10	August 30, 2016	B2PS	• Duplex-print ready: Header, Margins, tables adjusted
5.11	October 24, 2016	B2PS	• Added "Summary" to title page
5.20	Sept. 21, 2017	B2PS	• TC04, TC05 - Cards v6.0 have 2-byte Kernel ID

Table of Contents

<div style="border:1px solid black; padding:1em;">

CAUTION

Multiple consecutive incorrect PIN entry attempts may result in the card being blocked. This is known as being 'PIN Blocked'.
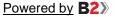If this occurs, it will no longer be possible to enter an Offline PIN which will cause all future transactions to be declined.

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

</div>

Chapter 1 -   B2 USA Supplementary EMV Test Card Set Profiles

This USA-Supplementary EMV Test Card Set contains six cards with three cards from each of the following card brands.

	Test Card 01	Test Card 02	Test Card 03
Brand	American Express	American Express	American Express
Type	Credit	Credit	Credit
Description	Dual Interface, Online Only	Dual Interface, Online Only	Fallback
IIN	-	-	-
AID	A000000025010402	A000000025010402	-
PAN	374245 ***** 1006	374245 ***** 1003	374245 ***** 1006
Expiry Date	12/2020	01/2020	12/2022
Service Code	201	201	201
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR	MSR
CVM	See card definition	See card definition	See card definition
Approval Amount	$68.00	$1.03	$36.00
Issuer Country Code	840 - USA	840 - USA	-
Application Currency Code	840 - USD	840 - USD	-
Language	'en' – English	'en' – English	-
Card Version	v5.0	v5.0	v5.0

	Test Card 04	Test Card 05	Test Card 06
Brand	Discover	Discover	Discover
Type	Credit	Credit	Credit
Description.	Dual Interface, Online Only	Dual Interface, Online Only	Fallback
IIN	-	-	
AID	A0000001523010	A0000001523010	-
PAN	6510000000000133	6510000000000216	6510000000000331
Expiry Date	12/2019	12/2019	01/2022
Service Code	201	201	201
Interface	Contact, Contactless, MSR	Contact, Contactless, MSR	MSR
CVM	See card definition	See card definition	See card definition
Approval Amount	$160.00	$17.00	$26.00
Issuer Country Code	840 - USA	840 - USA	-
Application Currency Code	840 - USD	840 - USD	-
Language	'en' – English	'en' – English	-
Card Version	v6.0	v6.0	v5.0

1.1 Test Card 01 – American Express, DI, Credit, English, USA, USD

A Dual Interface (Contact / Contactless) American Express credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is $68.00.

1.1.1 Cardholder Verification Method List

Cardholder Verification Method List ('420142035E035F03')			
CVM	**Verification Method**	**Conditions**	**If unsuccessful**
1	Online PIN	Unattended Cash	Next CVM
2	Online PIN	Terminal supports CVM type	Next CVM
3	Signature (paper)	Terminal supports CVM type	Next CVM
4	No CVM required	Terminal supports CVM type	Next CVM

1.2 Test Card 02 – American Express, DI, Credit, English, USA, USD

A Dual Interface (Contact / Contactless) American Express credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

The recommended transaction amount to generate a host approval is $1.03.

1.2.1 Cardholder Verification Method List

Cardholder Verification Method List ('42015E0341035F03')			
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	Next CVM

1.3 Test Card 03 – American Express, Technical Fallback Card

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 magstripe Technical Fallback transaction.

The recommended transaction amount to generate a host approval is $36.00.

1.4 Test Card 04 – Discover, DI, Credit, English, USA, USD

A Dual Interface (Contact / Contactless) Discover credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

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

1.4.1 Cardholder Verification Method List

Cardholder Verification Method List ('42035E031F03')			
CVM	**Verification Method**	**Conditions**	**If unsuccessful**
1	Online PIN	Terminal supports CVM type	Next CVM
2	Signature (paper)	Terminal supports CVM type	Next CVM
3	No CVM required	Terminal supports CVM type	Fail

1.5 Test Card 05 – Discover, DI, Credit, English, USA, USD

A Dual Interface (Contact / Contactless) Discover credit card with Issuer Country Code of 'USA' and Currency Code of 'USD'.

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

1.5.1 Cardholder Verification Method List

Cardholder Verification Method List ('420141031F03')			
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

1.6 Test Card 06 – Discover, Technical Fallback Card

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 magstripe Technical transaction.

The recommended transaction amount to generate a host approval is $26.00.