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Test Results for Mobile Device Acquisition Tool: CelleBrite UFED 1.1.3.3 – Report Manager 1.6.5

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Director, National Institute of Justice

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National Institute of
Standards and Technology
U.S. Department of Commerce

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Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice (NIJ), the research and development organization of the U.S. Department of Justice (DOJ), and the National Institute of Standards and Technology's (NIST's) Office of Law Enforcement Standards (OLES) and Information Technology Laboratory. CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, and the U.S. Department of Homeland Security's Bureau of Immigration and Customs Enforcement, U.S. Customs and Border Protection and U.S. Secret Service. The objective of the CFTT program is to provide measurable assurance to practitioners, researchers, and other applicable users that the tools used in computer forensics investigations provide accurate results. Accomplishing this requires the development of specifications and test methods for computer forensics tools and subsequent testing of specific tools against those specifications.

Test results provide the information necessary for developers to improve tools, users to make informed choices, and the legal community and others to understand the tools' capabilities. This approach to testing computer forensic tools is based on well–recognized methodologies for conformance and quality testing. The specifications and test methods posted on the CFTT Web site (http://www.cftt.nist.gov/) are available for review and comment by the computer forensics community.

This document reports the results from testing CelleBrite's UFED, version 1.1.3.3, against the *Smart Phone Tool Test Assertions and Test Plan*, available at the CFTT Web site (www.cftt.nist.gov/mobile_devices.htm).

Test results from other software packages and the CFTT tool methodology can be found on NIJ's computer forensics tool testing Web page, http://www.ojp.usdoj.gov/nij/topics/technology/electronic–crime/cftt.htm.

How to Read This Report

This report is divided into five sections. The first section is a summary of the results from the test runs. This section is sufficient for most readers to assess the suitability of the tool for the intended use. The remaining sections of the report describe how the tests were conducted and provide documentation of test case run details that support the report summary. Sections 2 and 3 provide a justification for the selection of test cases and assertions from the set of possible cases that are defined in the test plan for smart phone forensic tools. The test cases are selected, in general, based on features offered by the tool. Section 4 lists the hardware and software used to run the test cases. Section 5 contains a

description of each test case, test assertions used in the test case, the expected result and the actual result.

Test Results for Mobile Device Data Acquisition Tool

Tool Tested:	CelleBrite UFED
Version:	1.1.3.3
Run Environment:	Windows XP Service Pack 2
Supplier:	CelleBrite USA Corp.
Address:	266 Harristown Rd. Ste. 105, Glen Rock, NJ 07452
Tel:	(201) 848–8552
Fax:	(201) 848–9982
WWW:	http://www.cellebrite.com

1 Results Summary

Except for the following test cases: SPT–06 (iPhone 3Gs, HTC Tilt2, Palm pixi), SPT–10 (iPhone 3Gs, HTC Tilt2, Nokie E71x), SPT–01 (Samsung Moment), SPT–05 (Palm pixi), the tested tool acquired all supported data objects completely and accurately from the selected test mobile devices (i.e., iPhone 3Gs, Blackberry Bold 9700, HTC Tilt 2, Nokia E71x, HTC Touch Pro 2, Blackberry Tour 9630, Samsung Moment, Palm pixi).

The exceptions were the following:

- Maximum length address book entries reported were truncated. Test Case: SPT–06 (iPhone 3Gs, HTC Tilt2, Palm pixi)
- Graphics files associated with address book entries were not reported. Test Case: SPT–06 (iPhone 3Gs, Palm pixi)
- Email addresses associated with address book entries were not reported. Test Case: SPT–06 (Palm pixi)
- Graphics files of type .gif and .bmp were not acquired. Test Case: SPT–10 (iPhone 3Gs)
- Videos of type .flv were not acquired. Test Case: SPT–10 (HTC Tilt2, Nokia E71x)
- Connectivity was not established using the supported interface. Test Case: SPT–01 (Samsung Moment)
- Subscriber and equipment related information was not acquired. Test Case: SPT–05 (Palm pixi)

2 Test Case Selection

Test cases used to test mobile device acquisition tools are defined in *Smart Phone Tool Test Assertions and Test Plan Version 1.0*. To test a tool, test cases are selected from the *Test Plan* document based on the features offered by the tool. Not all test cases or test assertions are appropriate for all tools. There is a core set of bases cases that are executed for every tool tested. Tool features guide the selection of additional test cases. If a given tool implements a given feature then the test cases linked to that feature are run. Tables (1a-1h) list the test cases available in Cellbrite's UFED. Tables (2a-2h) list the test cases not available in CelleBrite's UFED.

Table 1a: Selected Test Cases (iPhone 3Gs)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–04, SPT–05, SPT–06, SPT–07, SPT–08, SPT–10, SPT–12, SPT–13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27

Supported Test Cases	Cases Selected for Execution
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT–30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT–33
Acquire SIM memory and review data containing non–ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 2a: Omitted Test Cases (iPhone 3Gs)

Unsupported Test Cases	Cases omitted – not executed
Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).	SPT–09
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT–11
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37

Table 1b: Selected Test Cases (BlackBerry Bold 9700)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–04, SPT–05, SPT–06, SPT–07, SPT–08, SPT–09, SPT–10, SPT–11, SPT–12, SPT–13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT–30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT–33

Supported Test Cases	Cases Selected for Execution
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39

Table 2b: Omitted Test Cases (BlackBerry Bold 9700)

Unsupported Test Cases	Cases omitted – not executed
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 1c: Selected Test Cases (HTC Tilt2)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–04, SPT–05, SPT–06, SPT–07, SPT–08, SPT–09, SPT–10, SPT–13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18

Supported Test Cases	Cases Selected for Execution
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT–30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT–33
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39

Table 2c: Omitted Test Cases (HTC Tilt2)

Unsupported Test Cases	Cases omitted – not executed
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT–11
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	SPT–12
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 1d: Selected Test Cases (Nokia E71x)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–05, SPT–06, SPT–08, SPT–09, SPT–10, SPT–13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24

Supported Test Cases	Cases Selected for Execution
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password–protected SIM.	SPT–28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT–30
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT–33
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39

Table 2d: Omitted Test Cases (Nokia E71x)

Unsupported Test Cases	Cases omitted – not executed
Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.	SPT–04
Acquire mobile device internal memory and review reported call logs.	SPT–07
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT–11
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	SPT–12
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37

Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 1e: Selected Test Cases (HTC Touch Pro 2)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–04, SPT–05, SPT–06, SPT–07, SPT–08, SPT–09, SPT–10, SPT–11, SPT–12, SPT–13
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 2e: Omitted Test Cases (HTC Touch Pro 2)

Unsupported Test Cases	Cases omitted – not executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e.,	SPT–22

Unsupported Test Cases	Cases omitted – not executed
LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful SIM acquisition, alter the case file via third–party means and attempt to re-open the case.	SPT–30
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 1f: Selected Test Cases (Blackberry 9630)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–04, SPT–05, SPT–06, SPT–07, SPT–08, SPT–09, SPT–10, SPT–11, SPT–12, SPT–13
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT–33
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38

Table 2f: Omitted Test Cases (Blackberry 9630)

Unsupported Test Cases	Cases omitted – not executed
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT–30
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39
Acquire mobile device internal memory and review data containing GPS	SPT–40

longitude and latitude coordinates.	

Table 1g: Selected Test Cases (Samsung Moment)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01

Table 2g: Omitted Test Cases (Samsung Moment)

Unsupported Test Cases	Cases omitted – not executed
Attempt internal memory acquisition of a non-supported mobile device.	SPT–02
Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.	SPT–03
Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.	SPT–04
Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT–05
Acquire mobile device internal memory and review reported PIM related data.	SPT–06
Acquire mobile device internal memory and review reported call logs.	SPT–07
Acquire mobile device internal memory and review reported text messages.	SPT–08
Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).	SPT–09
Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).	SPT–10
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT–11
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	SPT–12
Acquire mobile device internal memory by selecting a combination of supported data elements.	SPT–13
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages	SPT–21

Unsupported Test Cases	Cases omitted – not executed
(SMS, EMS).	
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful mobile device internal memory, alter the case file via third–party means and attempt to re-open the case.	SPT–29
After a successful SIM acquisition, alter the case file via third–party means and attempt to re–open the case.	SPT–30
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Acquire mobile device internal memory and review data containing non–ASCII characters.	SPT–33
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

Table 1h: Selected Test Cases (Palm pixi)

Supported Test Cases	Cases Selected for Execution
Base Cases	SPT–01, SPT–02, SPT–03, SPT–04, SPT–05, SPT–06, SPT–10, SPT–13

Supported Test Cases	Cases Selected for Execution
Acquire mobile device internal memory and review reported data via supported generated report formats.	SPT–24
Acquire mobile device internal memory and review reported data via the preview pane.	SPT–25
Acquire mobile device internal memory and review hash values for vendor supported data objects.	SPT–38

Table 2h: Omitted Test Cases (Palm pixi)

Unsupported Test Cases	Cases omitted – not executed
Acquire mobile device internal memory and review reported call logs.	SPT–07
Acquire mobile device internal memory and review reported text messages.	SPT–08
Acquire mobile device internal memory and review reported MMS multi–media related data (i.e., text, audio, graphics, video).	SPT–09
Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).	SPT–11
Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.	SPT–12
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT–14
Attempt acquisition of a non-supported SIM.	SPT–15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT–16
Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT–17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT–18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT–19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT–20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT–21
Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).	SPT–22
Acquire SIM memory by selecting a combination of supported data elements.	SPT–23
Acquire SIM memory and review reported data via supported generated report formats.	SPT–26
Acquire SIM memory and review reported data via the preview-pane.	SPT–27
Attempt acquisition of a password-protected SIM.	SPT–28
After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.	SPT–29

After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.	SPT–30
Perform a physical acquisition and review data output for readability.	SPT–31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT–32
Unsupported Test Cases	**Cases omitted – not executed**
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT–33
Acquire SIM memory and review data containing non-ASCII characters.	SPT–34
Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT–35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT–36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT–37
Acquire SIM memory and review hash values for vendor supported data objects.	SPT–39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT–40

3 Results by Test Assertion

Tables 3a – 3g summarize the test results by assertion. The column labeled **Assertion** gives the text of each assertion. The column labeled **Tests** gives the number of test cases that use the given assertion. The column labeled **Anomaly** specifies the section number in this report where the anomaly is discussed in more detail.

Table 3a: Assertions Tested: (iPhone 3Gs)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	3.1
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book	1	3.1

Assertions Tested	Tests	Anomaly
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third–party application.	1	3.2
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	

Assertions Tested	Tests	Anomaly
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for	1	

Assertions Tested	Tests	Anomaly
LNDs shall be presented in a useable format.		
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.	1	
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device / SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device / SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	2	
SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should	1	

Assertions Tested	Tests	Anomaly
provide an accurate count of the remaining PIN attempts.		
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	2	
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	2	
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.		

Table 3b: Assertions Tested: (Blackberry Bold 9700, HTC Tilt2)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	3.1 (Tilt2)

Assertions Tested	Tests	Anomaly
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video	1	

Assertions Tested	Tests	Anomaly
shall be presented in a useable format.		
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	3.2 (Tilt2)
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT–AO–02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.	1	
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT–AO–08 If a cellular forensic tool completes acquisition of the	1	

Assertions Tested	Tests	Anomaly
target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.		
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.	1	
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT–AO–24 If a cellular forensic tool provides the user with the ability	1	

Assertions Tested	Tests	Anomaly
to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.		
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device / SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device / SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	2	
SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT–AO–41 If the cellular forensic tool supports proper display of non–ASCII characters then the application should present text messages in their native format.	2	
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	2	

Table 3c: Assertions Tested: (Nokia E71x)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	1	

Assertions Tested	Tests	Anomaly
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third–party application.	1	3.2
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT–AO–02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.	1	
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.	1	
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.	1	
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable	1	

Assertions Tested	Tests	Anomaly
format.		
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.	1	
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.	1	
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.	1	
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.	1	
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.	1	
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.	1	
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.	1	
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.	1	
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI)	1	

Assertions Tested	Tests	Anomaly
shall be presented in a useable format.		
SPT–AO–23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT–AO–24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.	1	
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device / SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.	2	
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device / SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.	2	
SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.	2	
SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.	2	
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	2	

Table 3d: Assertions Tested: (HTC Touch Pro 2)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that	1	

Assertions Tested	Tests	Anomaly
connectivity has been disrupted.		
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	1	
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT–CA–32 If a cellular forensic tool completes two consecutive	1	

Assertions Tested	Tests	Anomaly
logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.		
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.	1	
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.	1	
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.	1	
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.	1	
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.	1	
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants	1	

Assertions Tested	Tests	Anomaly
in a useable format.		
SPT–AO–40 If the cellular forensic tool supports display of non–ASCII characters then the application should present address book entries in their native format.	1	
SPT–AO–41 If the cellular forensic tool supports proper display of non–ASCII characters then the application should present text messages in their native format.	1	
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS–related data in a useable format.	1	

Table 3e: Assertions Tested: (Blackberry 9630)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.	1	
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.	1	
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.	1	
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand–alone audio files shall be	1	

Assertions Tested	Tests	Anomaly
presented in a useable format via either an internal application or suggested third-party application.		
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.	1	
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.	1	
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT–AO–27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.	1	
SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format.	1	
SPT–AO–41 If the cellular forensic tool supports proper display of non–ASCII characters then the application should present text messages in their native format.	1	
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

Table 3f: Assertions Tested: (Samsung Moment)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	3.3

Table 3g: Assertions Tested: (Palm pixi)

Assertions Tested	Tests	Anomaly
SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).	1	
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.	1	
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.	1	
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.	2	
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.	1	3.4
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.	1	
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.	1	
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.	1	3.1
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.	1	
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.	1	
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format.	1	3.1
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book	1	3.1

Assertions Tested	Tests	Anomaly
entries shall be presented in a useable format.		
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application.	1	
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.	2	
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.	2	
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.	1	
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.	1	
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.	1	

Table 4a-4g list the assertions that were not tested, usually due to the tool not supporting an optional feature.

Table 4a: Assertions Not Tested (iPhone 3Gs)

Assertions Not Tested
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–29 If a cellular forensic tool provides the user with an "Acquire All" device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–22 If a cellular forensic tool provides the user with an "Acquire All" SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present

Assertions Not Tested
on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.

Table 4b: Assertions Not Tested (Blackberry Bold 9700, HTC Tilt2)

Assertions Not Tested
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT–CA–29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present

Assertions Not Tested
on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4c: Assertions Not Tested (Nokia E71x)

Assertions Not Tested
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT–CA–29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS

Assertions Not Tested
messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4d: Assertions Not Tested (HTC Touch Pro 2)

Assertions Not Tested
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT–CA–29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then the tool shall notify the user that the SIM is not supported.
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without

Assertions Not Tested
error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender/recipient phone numbers for text messages shall be presented in a useable format.
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT–AO–22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number

Assertions Not Tested
of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4e: Assertions Not Tested (Blackberry 9630)

Assertions Not Tested
SPT–CA–29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM

Assertions Not Tested
then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT–AO–02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without

Assertions Not Tested
error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT–AO–22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file

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data or video file data remnants in a useable format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4f: Assertions Not Tested (Samsung Moment)

Assertions Not Tested
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
SPT–CA–29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format.
SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format.
SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format.
SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format.
SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format.
SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a

Assertions Not Tested
useable format.
SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format.
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application.
SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand–alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without

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error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then the tool shall notify the user that the SIM is not supported.
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without

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error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT–AO–22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT–AO–25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
SPT–AO–27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log

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data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.
SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

Table 4g: Assertions Not Tested (Palm pixi)

Assertions Not Tested
SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.
SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format.
SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

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SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format.
SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.
SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
SPT–CA–29 If a cellular forensic tool provides the user with an “Acquire All” device data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
SPT–AO–02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format.
SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format.
SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.
SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.
SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format.
SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format.
SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format.

Assertions Not Tested
SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.
SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format.
SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format.
SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format.
SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
SPT–AO–22 If a cellular forensic tool provides the user with an “Acquire All” SIM data objects acquisition option then the tool shall complete the acquisition of all data objects without error.
SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT–AO–27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
SPT–AO–28 If the SIM is password–protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.

Assertions Not Tested
SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.
SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.
SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.
SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.
SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.
SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format.
SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format.
SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format.
SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
SPT–AO–42 If the cellular forensic tool supports stand-alone acquisition of internal memory with the SIM present, then the contents of the SIM shall not be modified during internal memory acquisition.
SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.

The following sections provide detailed information for the anomalies specified in Tables 3a – 3g.

3.1 Address Book Entries

For test case SPT–06 the following anomalies occurred when acquiring data from the iPhone 3Gs. Maximum length address book entries reported in the preview–pane were truncated after the 125th character. The generated report displays all characters.

Graphics files associated with address book entries were not reported for the iPhone 3Gs or Palm pixi. Note: While graphic files associated with address book entries for the iPhone 3Gs are not decoded, data can be located in the AddressBookImages.sqlitedb.

Data present in the "middle name" field for address book entries is excluded for test case SPT–06 when acquiring data from the HTC Tilt2.

For test case SPT–06, email addresses associated with address book entries were not reported for the Palm pixi. Maximum length address book entries acquired from the Palm pixi were partially reported; only the first and last name entries were included. The middle name portion of the contact was not reported in the preview–pane view or generated report.

3.2 Acquisition of Stand-alone Files

For test case SPT–10 graphics files only of type jpg were acquired. GIF and BMP files were not acquired.

When acquiring data from the HTC Tilt2 and the Nokia E71x, videos of type .flv were not acquired for test case SPT–10.

3.3 Connectivity by supported interface

For test case SPT–01 connectivity to the Samsung Moment (SPH–m900) was not established. The following message occurred, "SPH–M900 Moment (Android) cannot connect to phone." *Note:* The USB settings were set as specified by the vendor for acquisition.

3.4 Acquisition of Subscriber and Equipment Related Information

Subscriber or equipment related information (e.g., IMEI, MEID, ESN) for the Palm pixi was not acquired for test case SPT–05.

4 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the test computers available for testing.

4.1 Test Computers

One test computer was used.

Morrisy has the following configuration:

Intel® D975XBX2 Motherboard
BIOS Version BX97520J.86A.2674.2007.0315.1546
Intel® Core™2 Duo CPU 6700 @ 2.66Ghz
3.25 GB RAM
1.44 MB floppy drive
LITE–ON CD H LH52N1P
LITE–ON DVDRW LH–20A1P
2 slots for removable SATA hard disk drive
8 USB 2.0 slots
2 IEEE 1394 ports
3 IEEE 1394 ports (mini)

4.2 Mobile Devices

The following table contains the mobile devices used.

Make	Model	OS	Network
Apple iPhone	3Gs	iPhone	AT&T
Blackberry	Bold 9700	Blackberry	AT&T
HTC	Tilt2	Windows Mobile 6.5	AT&T
Nokia	E71x	Symbian	AT&T
HTC	Touch Pro 2	Windows Mobile 6.1	Sprint
Blackberry	Tour 9630	Blackerry	Sprint
Samsung	Moment	Android	Sprint
Palm	Pixi	Palm OS	Sprint

4.3 Internal Memory Data Objects

The following data objects were used to populate the internal memory of the smart phones.

Data Objects	Data Elements
Address Book Entries	
	Regular Length
	Maximum Length
	Special Character
	Blank Name
	Regular Length, email
	Regular Length, graphic
	Deleted Entry
	Non-ASCII Entry
PIM Data	
	Regular Length
	Maximum Length
	Deleted Entry
	Special Character
Call Logs	
	Incoming
	Outgoing
	Missed
	Incoming - Deleted
	Outgoing - Deleted
	Missed - Deleted
Text Messages	
	Incoming SMS - Read
	Incoming SMS - Unread
	Outgoing SMS
	Incoming EMS - Read
	Incoming EMS - Unread
	Outgoing EMS
	Incoming SMS - Deleted
	Outgoing SMS - Deleted
	Incoming EMS - Deleted
	Outgoing EMS - Deleted
	Non-ASCII EMS
MMS Messages	
	Incoming Audio
	Incoming Graphic
	Incoming Video
	Outgoing Audio
	Outgoing Graphic
	Outgoing Video

Data Objects	Data Elements
Stand-alone data files	
	Audio
	Graphic
	Video
	Audio - Deleted
	Graphic - Deleted
	Video - Deleted
Application Data	
	Device Specific App Data
Location Data	
	GPS Coordinates

4.4 Subscriber Identity Module Data Objects

The following data objects were used to populate the subscriber identity modules.

Data Objects	Data Elements
Abbreviated Dialing Numbers (ADN)	
	Maximum Length
	Special Character
	Blank Name
	Non-ASCII Entry
	Regular Length - Deleted Number
Call Logs	
	Last Numbers Dialed (LND)
Text Messages	
	Incoming SMS - Read
	Incoming SMS - Unread
	Non-ASCII SMS
	Incoming SMS - Deleted
	Non-ASCII EMS
	Incoming EMS - Deleted

5 Test Results

The main item of interest for interpreting the test results is determining the conformance of the device with the test assertions. Conformance with each assertion tested by a given test case is evaluated by examining **Log File Highlights** box of the test report summary.

5.1 Test Results Report Key

A summary of the actual test results is presented in this report. The following table presents a description of each section of the test report summary.

Table 5 Test Results Report Key

Heading	Description
First Line:	Test case ID, name, and version of tool tested.
Case Summary:	Test case summary from *Smart Phone Tool Test Assertion and Test Plan.*
Assertions:	The test assertions applicable to the test case, selected from *Smart Phone Tool Test Assertion and Test Plan.*
Tester Name:	Name or initials of person executing test procedure.
Test Host:	Host computer executing the test.
Test Date:	Time and date that test was started.
Device:	Source mobile device, media (i.e., SIM).
Source Setup:	Acquisition interface.
Log Highlights:	Information extracted from various log files to illustrate conformance or non-conformance to the test assertions.
Results:	Expected and actual results for each assertion tested.
Analysis:	Whether or not the expected results were achieved.

5.2 Test Details

5.2.1 SPT–01 (iPhone 3Gs)

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 09:59:12 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 09:59:12 EDT 2010 Acquisition finished: Mon Mar 22 10:58:59 EDT 2010 Device connectivity was established via supported interface
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–01 Device connectivity via supported interfaces. — as expected SPT–CA–04 Readability and completeness of acquired data via supported reports. — as expected SPT–CA–30 Select–All data objects acquisition. — as expected SPT–CA–31 Select-Individual data objects acquisition. — as expected SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications. — as expected
Analysis:	Expected results achieved

5.2.2 SPT–02 (iPhone 3Gs)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non–supported mobile device.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non–supported device then the tool shall notify the user that the device is not supported.
Tester Name:	Rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 12:10:39 EDT 2010
Device:	unsupported_device
Source	OS: WIN XP

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Setup:	Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 12:10:39 EDT 2010 Acquisition finished: Mon Mar 22 12:11:34 EDT 2010 Identification of non-supported devices was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–02 Identification of non-supported devices. / as expected
Analysis:	Expected results achieved

5.2.3 SPT–03 (iPhone 3Gs)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 12:12:10 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 12:12:10 EDT 2010 Acquisition finished: Mon Mar 22 12:14:16 EDT 2010 Device acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–03 Notification of device acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.4 SPT–04 (iPhone 3Gs)

Test Case SPT–04 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	Rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 12:16:45 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 12:16:45 EDT 2010 Acquisition finished: Mon Mar 22 12:34:45 EDT 2010

Test Case SPT–04 CelleBrite Version 1.1.3.3	
	Readability and completeness of acquired data was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

5.2.5 SPT–05 (iPhone 3Gs)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber–related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	Rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 12:35:09 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 12:35:09 EDT 2010 Acquisition finished: Mon Mar 22 12:38:18 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–05 Acquisition of MSISDN, IMSI.	as expected
SPT–CA–06 Acquisition of IMEI/MEID/ESN.	as expected

Analysis:	Expected results achieved

5.2.6 SPT–06 (iPhone 3Gs)

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries

<table>
<tr><th colspan="2">Test Case SPT–06 CelleBrite Version 1.1.3.3</th></tr>
<tr><td></td><td>shall be presented in a useable format.
SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format.
SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.</td></tr>
<tr><td>Tester Name:</td><td>Rpa</td></tr>
<tr><td>Test Host:</td><td>Morrisy</td></tr>
<tr><td>Test Date:</td><td>Mon Mar 22 12:39:10 EDT 2010</td></tr>
<tr><td>Device:</td><td>iPhone3Gs</td></tr>
<tr><td>Source Setup:</td><td>OS: WIN XP
Interface: cable</td></tr>
<tr><td>Log Highlights:</td><td>Created by CelleBrite Version 1.1.3.3
Acquisition started: Mon Mar 22 12:39:10 EDT 2010
Acquisition finished: Mon Mar 22 13:04:36 EDT 2010

Regular Length Address Book entries were acquired
Maximum Length Address Book entries were not acquired
Special Character Address Book entries were acquired
Blank Name Address Book entries were acquire
Email addresses within Address Book entries were acquired
Embedded graphics within Address Book entries were not acquired
All PIM related data was acquired

<u>Notes</u>:
Maximum length address book entries were truncated after 125 characters in the preview pane view. The generated report displayed all characters. The file system dump generated all characters.

Graphics files associated with address book entries were not reported.

PIM related data was retrieved by performing a file system dump.</td></tr>
<tr><td>Results:</td><td>
<table>
<tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr>
<tr><td>SPT–CA–07 Acquisition of address book entries.</td><td>as expected</td></tr>
<tr><td>SPT–CA–08 Acquisition of maximum length address book entries.</td><td>Not as expected</td></tr>
<tr><td>SPT–CA–09 Acquisition of address book entries containing special characters.</td><td>as expected</td></tr>
<tr><td>SPT–CA–10 Acquisition of address book entries containing a blank name entry.</td><td>as expected</td></tr>
<tr><td>SPT–CA–11 Acquisition of embedded email addresses within address book entries.</td><td>as expected</td></tr>
<tr><td>SPT–CA–12 Acquisition of embedded graphics within address book entries.</td><td>Not as expected</td></tr>
<tr><td>SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes).</td><td>NA</td></tr>
<tr><td>SPT–CA–14 Acquisition of maximum length PIM data.</td><td>NA</td></tr>
</table>
</td></tr>
<tr><td>Analysis:</td><td>Expected results NOT achieved</td></tr>
</table>

5.2.7 SPT–07 (iPhone 3Gs)

<table>
<tr><th colspan="2">Test Case SPT–07 CelleBrite Version 1.1.3.3</th></tr>
<tr><td>Case Summary:</td><td>SPT–07 Acquire mobile device internal memory and review reported call logs.</td></tr>
<tr><td>Assertions:</td><td>SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format.
SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.</td></tr>
</table>

Test Case SPT–07 CelleBrite Version 1.1.3.3	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 13:15:33 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 13:15:33 EDT 2010 Acquisition finished: Mon Mar 22 13:29:32 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported **Notes**: Time stamps are reported in GMT.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–15 Acquisition of call logs.	as expected
SPT–CA–16 Acquisition of call log date/time stamps.	as expected

Analysis:	Expected results achieved

5.2.8 SPT–08 (iPhone 3Gs)

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 13:39:44 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 13:39:44 EDT 2010 Acquisition finished: Mon Mar 22 14:00:27 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported **Notes**: Time stamps are reported in GMT.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–17 Acquisition of text messages.	as expected
SPT–CA–18 Acquisition of text message date/time stamps.	as expected

Test Case SPT–08 CelleBrite Version 1.1.3.3	
	SPT–CA–19 Acquisition of text message status flags. — as expected SPT–CA–20 Acquisition of sender/recipient phone number associated with text messages. — as expected
Analysis:	Expected results achieved

5.2.9 SPT–10 (iPhone 3Gs)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand–alone multi–media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand–alone audio files shall be presented in a useable format via either an internal application or suggested third–party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand–alone graphic files shall be presented in a useable format via either an internal application or suggested third–party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand–alone video files shall be presented in a useable format via either an internal application or suggested third–party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 14:10:13 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 14:10:13 EDT 2010 Acquisition finished: Mon Mar 22 14:11:39 EDT 2010 **Note**: Image files of type gif and bmp were not acquired. Audio files were acquired Image files were partially acquired Video files were acquired
Results:	**Assertion & Expected Result** — **Actual Result** SPT–CA–24 Acquisition of stand–alone audio files. — as expected SPT–CA–25 Acquisition of stand-alone graphic files. — Not as expected SPT–CA–26 Acquisition of stand-alone video files. — as expected
Analysis:	Partial results achieved

5.2.10 SPT–12 (iPhone 3Gs)

Test Case SPT–12 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.
Assertions:	SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 08:24:38 EDT 2010
Device:	iPhone3Gs

Test Case SPT–12 CelleBrite Version 1.1.3.3	
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 08:24:38 EDT 2010 Acquisition finished: Wed Mar 31 08:24:46 EDT 2010 All Internet related data was acquired **Notes**: Internet data was acquired by performing a file system dump.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–28 Acquisition of Internet related data.	as expected

Analysis:	Expected results achieved

5.2.11 SPT–13 (iPhone 3Gs)

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 14:19:44 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 14:19:44 EDT 2010 Acquisition finished: Mon Mar 22 14:24:44 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.12 SPT–14 (iPhone 3Gs)

Test Case SPT–14 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	rpa
Test Host:	Morrisy

Test Case SPT–14 CelleBrite Version 1.1.3.3	
Test Date:	Mon Mar 22 14:35:50 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 14:35:50 EDT 2010 Acquisition finished: Mon Mar 22 14:36:01 EDT 2010 Media connectivity was established via supported interface
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–01 SIM connectivity via supported interfaces. / as expected
Analysis:	Expected results achieved

5.2.13 SPT–15 (iPhone 3Gs)

Test Case SPT–15 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–15 Attempt acquisition of a non-supported SIM.
Assertions:	SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 14:36:27 EDT 2010
Device:	SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 14:36:27 EDT 2010 Acquisition finished: Mon Mar 22 14:38:02 EDT 2010 Identification of non-supported media was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–02 Identification of non-supported SIMs. / as expected
Analysis:	Expected results achieved

5.2.14 SPT–16 (iPhone 3Gs)

Test Case SPT–16 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–16 Begin SIM acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 14:38:47 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 14:38:47 EDT 2010 Acquisition finished: Mon Mar 22 14:38:55 EDT 2010

Test Case SPT–16 CelleBrite Version 1.1.3.3	
	Media acquisition disruption notification was successful
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–03 Notification of SIM acquisition disruption.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.15 SPT–17 (iPhone 3Gs)

Test Case SPT–17 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 07:20:16 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 07:20:16 EDT 2010 Acquisition finished: Tue Mar 23 07:28:00 EDT 2010 All subscriber–related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–04 Acquisition of SPN.</td><td>as expected</td></tr><tr><td>SPT–AO–05 Acquisition of ICCID.</td><td>as expected</td></tr><tr><td>SPT–AO–06 Acquisition of IMSI.</td><td>as expected</td></tr><tr><td>SPT–AO–07 Acquisition of MSISDN.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.16 SPT–18 (iPhone 3Gs)

Test Case SPT–18 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).
Assertions:	SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy

Test Case SPT–18 CelleBrite Version 1.1.3.3	
Test Date:	Tue Mar 23 07:29:25 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 07:29:25 EDT 2010 Acquisition finished: Tue Mar 23 07:31:24 EDT 2010 All ADNs were acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–08 Acquisition of ADNs.	as expected
SPT–AO–09 Acquisition of maximum length ADNs.	as expected
SPT–AO–10 Acquisition of special character ADNs.	as expected
SPT–AO–11 Acquisition of blank name ADNs.	as expected

Analysis:	Expected results achieved

5.2.17 SPT–19 (iPhone 3Gs)

Test Case SPT–19 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Assertions:	SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 07:31:58 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 07:31:58 EDT 2010 Acquisition finished: Tue Mar 23 07:46:11 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–12 Acquisition of LNDs.	as expected
SPT–AO–13 Acquisition of LND date/time stamps.	as expected

Analysis:	Expected results achieved

5.2.18 SPT–20 (iPhone 3Gs)

Test Case SPT–20 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format.

Test Case SPT–20 CelleBrite Version 1.1.3.3	
	SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 07:49:35 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 07:49:35 EDT 2010 Acquisition finished: Tue Mar 23 07:53:30 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–14 Acquisition of SMS messages.	as expected
SPT–AO–15 Acquisition of EMS messages.	as expected
SPT–AO–16 Acquisition of text message date/time stamps.	as expected
SPT–AO–17 Acquisition of text message status flags.	as expected
SPT–AO–18 Acquisition of sender/receipient phone number associated with text messages.	as expected

Analysis:	Expected results achieved

5.2.19 SPT–21 (iPhone 3Gs)

Test Case SPT–21 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).
Assertions:	SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:22:58 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:22:58 EDT 2010 Acquisition finished: Tue Mar 23 08:29:40 EDT 2010 Deleted text message data was recovered
Results:	

Assertion & Expected Result	Actual Result

Test Case SPT–21 CelleBrite Version 1.1.3.3		
	SPT–AO–19 Acquisition of non–overwritten deleted text messages.	as expected
Analysis:	Expected results achieved	

5.2.20 SPT–22 (iPhone 3Gs)

Test Case SPT–22 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).
Assertions:	SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:30:03 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:30:03 EDT 2010 Acquisition finished: Tue Mar 23 08:32:35 EDT 2010 LOCI data was acquired GPRSLOCI data – NA
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–20 Acquisition of LOCI information. / as expected SPT–AO–21 Acquisition of GPRSLOCI information. / NA
Analysis:	Expected results achieved

5.2.21 SPT–23 (iPhone 3Gs)

Test Case SPT–23 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–23 Acquire SIM memory by selecting a combination of supported data elements.
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 22 14:41:26 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 22 14:41:26 EDT 2010 Acquisition finished: Mon Mar 22 14:41:35 EDT 2010

Test Case SPT–23 CelleBrite Version 1.1.3.3	
	Select All acquisition was successful Individual data element acquisition was successful
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–01 SIM connectivity via supported interfaces.</td><td>as expected</td></tr><tr><td>SPT–AO–23 Select-All data objects acquisition.</td><td>as expected</td></tr><tr><td>SPT–AO–24 Select-Individual data objects acquisition.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.22 SPT–24 (iPhone 3Gs)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:47:43 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:47:43 EDT 2010 Acquisition finished: Tue Mar 23 08:48:03 EDT 2010 Complete representation of known data via generated reports was successful
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–25 Comparison of known device data elements via generated reports.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.23 SPT–25 (iPhone 3Gs)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview–pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:50:24 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:50:24 EDT 2010 Acquisition finished: Tue Mar 23 08:51:10 EDT 2010 Complete representation of known data via preview–pane was successful

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via preview–pane. / as expected
Analysis:	Expected results achieved

5.2.24 SPT–26 (iPhone 3Gs)

Test Case SPT–26 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–26 Acquire SIM memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:51:33 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:51:33 EDT 2010 Acquisition finished: Tue Mar 23 08:52:57 EDT 2010 Complete representation of known data via generated reports was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–25 Comparison of known device data elements via generated reports. / as expected
Analysis:	Expected results achieved

5.2.25 SPT–27 (iPhone 3Gs)

Test Case SPT–27 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–27 Acquire SIM memory and review reported data via the preview–pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview–pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:53:18 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:53:18 EDT 2010 Acquisition finished: Tue Mar 23 08:54:36 EDT 2010 Complete representation of known data via preview–pane was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via / as expected

Test Case SPT–27 CelleBrite Version 1.1.3.3	
	preview–pane.
Analysis:	Expected results achieved

5.2.26 SPT–28 (iPhone 3Gs)

Test Case SPT–28 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–28 Attempt acquisition of a password–protected SIM.
Assertions:	SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 08:55:18 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 08:55:18 EDT 2010 Acquisition finished: Tue Mar 23 08:57:28 EDT 2010 Ability to enter PIN on protected media before acquisition was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–28 Acquisition of password protected SIM. / as expected
Analysis:	Expected results achieved

5.2.27 SPT–29 (iPhone 3Gs)

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 09:01:04 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 09:01:04 EDT 2010 Acquisition finished: Tue Mar 23 09:01:17 EDT 2010 Notification of modified device memory data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.28 SPT–30 (iPhone 3Gs)

Test Case SPT–30 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–30 After a successful SIM acquisition, alter the case file via third–party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 09:01:42 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 09:01:42 EDT 2010 Acquisition finished: Tue Mar 23 09:03:28 EDT 2010 Notification of modified SIM data was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–27 Notification of modified device case data.	as expected

Analysis:	Expected results achieved

5.2.29 SPT–33 (iPhone 3Gs)

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–33 Acquire mobile device internal memory and review data containing non-ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non–ASCII characters then the application should present address book entries in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non–ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 10:06:39 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 10:06:39 EDT 2010 Acquisition finished: Tue Mar 23 10:08:14 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.30 SPT–34 (iPhone 3Gs)

Test Case SPT–34 CelleBrite Version 1.1.3.3

Test Case SPT–34 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 10:08:46 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 10:08:46 EDT 2010 Acquisition finished: Tue Mar 23 10:10:59 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.31 SPT–35 (iPhone 3Gs)

Test Case SPT–35 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 10:13:43 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 10:13:43 EDT 2010 Acquisition finished: Tue Mar 23 10:13:55 EDT 2010 The remaining number of PIN attempts were properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–29 Display remaining number of PIN attempts.	as expected

Analysis:	Expected results achieved

5.2.32 SPT–36 (iPhone 3Gs)

Test Case SPT–36 CelleBrite Version 1.1.3.3	
Case	SPT–36 Begin acquisition on a SIM whose PIN attempts have been exhausted to

Test Case SPT–36 CelleBrite Version 1.1.3.3	
Summary:	determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 10:14:21 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 10:14:21 EDT 2010 Acquisition finished: Tue Mar 23 10:14:47 EDT 2010 Remaining number of PUK attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–30 Display remaining number of PUK attempts. / as expected
Analysis:	Expected results achieved

5.2.33 SPT–38 (iPhone 3Gs)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 12:30:26 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 12:30:26 EDT 2010 Acquisition finished: Tue Mar 23 12:43:29 EDT 2010 Hash values were properly reported for individually acquired device data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.34 SPT–39 (iPhone 3Gs)

Test Case SPT–39 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–39 Acquire SIM memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for

Test Case SPT–39 CelleBrite Version 1.1.3.3	
	each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 23 12:43:57 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 23 12:43:57 EDT 2010 Acquisition finished: Tue Mar 23 12:44:39 EDT 2010 Hash values were properly reported for individually acquired SIM data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.35 SPT–40 (iPhone 3Gs)

Test Case SPT–40 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–40 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.
Assertions:	SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 08:25:10 EDT 2010
Device:	iPhone3Gs
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 08:25:10 EDT 2010 Acquisition finished: Wed Mar 31 08:25:18 EDT 2010 GPS Coordinate data was successfully acquired **Notes**: GPS related data (i.e., longitude, latitude coordinates) were acquired by performing a file system dump.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–44 Acquire data, check GPS data for consistency. / as expected
Analysis:	Expected results achieved

5.2.36 SPT–01 (Blackberry Bold 9700)

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–01 Acquire mobile device internal memory over tool–supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT–CA–04 If a cellular forensic tool completes acquisition of the target

Test Case SPT–01 CelleBrite Version 1.1.3.3	
	device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview–pane or generated report. SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 07:39:44 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 07:39:44 EDT 2010 Acquisition finished: Wed Mar 24 07:43:17 EDT 2010 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–01 Device connectivity via supported interfaces.	as expected
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected
SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

5.2.37 SPT–02 (Blackberry Bold 9700)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non–supported mobile device.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 07:50:52 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 07:50:52 EDT 2010 Acquisition finished: Wed Mar 24 07:55:34 EDT 2010 Identification of non-supported devices was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–02 Identification of non-supported devices.	as expected

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Analysis:	Expected results achieved

5.2.38 SPT–03 (Blackberry Bold 9700)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 08:08:56 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 08:08:56 EDT 2010 Acquisition finished: Wed Mar 24 08:12:27 EDT 2010 Device acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–03 Notification of device acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.39 SPT–04 (Blackberry Bold 9700)

Test Case SPT–04 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview–pane or generated report.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 08:13:17 EDT 2010
Device:	Blackberry
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 08:13:17 EDT 2010 Acquisition finished: Wed Mar 24 08:20:09 EDT 2010 Readability and completeness of acquired data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–04 Readability and completeness of acquired data via supported reports. / as expected
Analysis:	Expected results achieved

5.2.40 SPT–05 (Blackberry Bold 9700)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber–related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 08:21:07 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 08:21:07 EDT 2010 Acquisition finished: Wed Mar 24 08:25:31 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–05 Acquisition of MSISDN, IMSI. / as expected SPT–CA–06 Acquisition of IMEI/MEID/ESN. / as expected
Analysis:	Expected results achieved

5.2.41 SPT–06 (Blackberry Bold 9700)

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 08:26:28 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 08:26:28 EDT 2010 Acquisition finished: Wed Mar 24 08:28:06 EDT 2010 All address book entries were successfully acquired PIM related data was acquired **Notes:** PIM related data was retrieved by performing a file system dump.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–07 Acquisition of address book entries.	as expected
SPT–CA–08 Acquisition of maximum length address book entries.	as expected
SPT–CA–09 Acquisition of address book entries containing special characters.	as expected
SPT–CA–10 Acquisition of address book entries containing a blank name entry.	as expected
SPT–CA–11 Acquisition of embedded email addresses within address book entries.	as expected
SPT–CA–12 Acquisition of embedded graphics within address book entries.	as expected
SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
SPT–CA–14 Acquisition of maximum length PIM data.	as expected

Analysis:	Expected results achieved

5.2.42 SPT–07 (Blackberry Bold 9700)

Test Case SPT–07 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–07 Acquire mobile device internal memory and review reported call logs.
Assertions:	SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 08:29:32 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 08:29:32 EDT 2010 Acquisition finished: Wed Mar 24 08:32:28 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–15 Acquisition of call logs.	as expected
SPT–CA–16 Acquisition of call log date/time stamps.	as expected

Analysis:	Expected results achieved

5.2.43 SPT–08 (Blackberry Bold 9700)

Test Case SPT–08 CelleBrite Version 1.1.3.3

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 08:50:39 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 08:50:39 EDT 2010 Acquisition finished: Wed Mar 24 08:56:00 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–17 Acquisition of text messages. — as expected SPT–CA–18 Acquisition of text message date/time stamps. — as expected SPT–CA–19 Acquisition of text message status flags. — as expected SPT–CA–20 Acquisition of sender/recipient phone number associated with text messages. — as expected
Analysis:	Expected results achieved

5.2.44 SPT–09 (Blackberry Bold 9700)

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–09 Acquire mobile device internal memory and review reported MMS multi–media related data (i.e., text, audio, graphics, video).
Assertions:	SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:00:58 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:00:58 EDT 2010 Acquisition finished: Wed Mar 24 09:02:27 EDT 2010

Test Case SPT–09 CelleBrite Version 1.1.3.3	
	ALL MMS messages (Audio, Image, Video) were acquired **Notes**: Acquisition of MMS text data was acquired by performing a file system dump. Associated graphics, audio and video were acquired and reported.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–21 Acquisition of audio MMS messages. — as expected SPT–CA–22 Acquisition of graphic data image MMS messages. — as expected SPT–CA–23 Acquisition of video MMS messages. — as expected
Analysis:	Expected results achieved

5.2.45 SPT–10 (Blackberry Bold 9700)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand–alone multi–media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third–party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third–party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third–party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:04:10 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:04:10 EDT 2010
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–24 Acquisition of stand-alone audio files. — as expected SPT–CA–25 Acquisition of stand-alone graphic files. — as expected SPT–CA–26 Acquisition of stand-alone video files. — as expected
Analysis:	Expected results achieved

5.2.46 SPT–11 (Blackberry Bold 9700)

Test Case SPT–11 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).
Assertions:	SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
Tester	rpa

Test Case SPT–11 CelleBrite Version 1.1.3.3	
Name:	
Test Host:	Morrisy
Test Date:	Wed Mar 31 09:31:58 EDT 2010
Device:	Blackberry_9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 09:31:58 EDT 2010 Acquisition finished: Wed Mar 31 09:32:08 EDT 2010 All application data was acquired **Notes:** Application related data was retrieved by performing a file system dump.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–27 Acquisition of application related data. / as expected
Analysis:	Expected results achieved

5.2.47 SPT–12 (Blackberry Bold 9700)

Test Case SPT–12 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.
Assertions:	SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 09:32:40 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 09:32:40 EDT 2010 Acquisition finished: Wed Mar 31 09:33:02 EDT 2010 All Internet related data was acquired **Notes:** Internet related data was retrieved by performing a file system dump.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–28 Acquisition of Internet related data. / as expected
Analysis:	Expected results achieved

5.2.48 SPT–13 (Blackberry Bold 9700)

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:12:24 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:12:24 EDT 2010 Acquisition finished: Wed Mar 24 09:14:02 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.49 SPT–14 (Blackberry Bold 9700)

Test Case SPT–14 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:18:31 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:18:31 EDT 2010 Acquisition finished: Wed Mar 24 09:21:04 EDT 2010 Media connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–01 SIM connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

5.2.50 SPT–15 (Blackberry Bold 9700)

Test Case SPT–15 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–15 Attempt acquisition of a non–supported SIM.
Assertions:	SPT–AO–02 If a cellular forensic tool attempts to connect to a non–supported SIM then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:21:56 EDT 2010
Device:	SIM
Source	OS: WIN XP

Test Case SPT–15 CelleBrite Version 1.1.3.3	
Setup:	Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:21:56 EDT 2010 Acquisition finished: Wed Mar 24 09:22:31 EDT 2010 Identification of non-supported media was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–02 Identification of non-supported SIMs.	as expected

Analysis:	Expected results achieved

5.2.51 SPT–16 (Blackberry Bold 9700)

Test Case SPT–16 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–16 Begin SIM acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:23:02 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:23:02 EDT 2010 Acquisition finished: Wed Mar 24 09:23:50 EDT 2010 Media acquisition disruption notification was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–03 Notification of SIM acquisition disruption.	as expected

Analysis:	Expected results achieved

5.2.52 SPT–17 (Blackberry Bold 9700)

Test Case SPT–17 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:24:12 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:24:12 EDT 2010

Test Case SPT–17 CelleBrite Version 1.1.3.3	
	Acquisition finished: Wed Mar 24 09:26:03 EDT 2010 All subscriber–related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–04 Acquisition of SPN.</td><td>as expected</td></tr><tr><td>SPT–AO–05 Acquisition of ICCID.</td><td>as expected</td></tr><tr><td>SPT–AO–06 Acquisition of IMSI.</td><td>as expected</td></tr><tr><td>SPT–AO–07 Acquisition of MSISDN.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.53 SPT–18 (Blackberry Bold 9700)

Test Case SPT–18 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).
Assertions:	SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:26:44 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:26:44 EDT 2010 Acquisition finished: Wed Mar 24 09:27:15 EDT 2010 All ADNs were acquired
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–08 Acquisition of ADNs.</td><td>as expected</td></tr><tr><td>SPT–AO–09 Acquisition of maximum length ADNs.</td><td>as expected</td></tr><tr><td>SPT–AO–10 Acquisition of special character ADNs.</td><td>as expected</td></tr><tr><td>SPT–AO–11 Acquisition of blank name ADNs.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.54 SPT–19 (Blackberry Bold 9700)

Test Case SPT–19 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Assertions:	SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.

Test Case SPT–19 CelleBrite Version 1.1.3.3	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:27:37 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:27:37 EDT 2010 Acquisition finished: Wed Mar 24 09:28:24 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–12 Acquisition of LNDs.	as expected
SPT–AO–13 Acquisition of LND date/time stamps.	as expected

Analysis:	Expected results achieved

5.2.55 SPT–20 (Blackberry Bold 9700)

Test Case SPT–20 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:28:49 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:28:49 EDT 2010 Acquisition finished: Wed Mar 24 09:29:10 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–14 Acquisition of SMS messages.	as expected
SPT–AO–15 Acquisition of EMS messages.	as expected
SPT–AO–16 Acquisition of text message date/time stamps.	as expected
SPT–AO–17 Acquisition of text message status flags.	as expected
SPT–AO–18 Acquisition of sender/receipient phone number	as expected

Test Case SPT–20 CelleBrite Version 1.1.3.3		
	associated with text messages.	
Analysis:	Expected results achieved	

5.2.56 SPT–21 (Blackberry Bold 9700)

Test Case SPT–21 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).
Assertions:	SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:29:50 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:29:50 EDT 2010 Acquisition finished: Wed Mar 24 09:30:46 EDT 2010 Deleted text message data was recovered
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–19 Acquisition of non–overwritten deleted text messages.	as expected

Analysis:	Expected results achieved

5.2.57 SPT–22 (Blackberry Bold 9700)

Test Case SPT–22 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).
Assertions:	SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:31:16 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:31:16 EDT 2010 Acquisition finished: Wed Mar 24 09:31:54 EDT 2010 LOCI data was acquired GPRSLOCI data – NA
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–20 Acquisition of LOCI information.	as expected
SPT–AO–21 Acquisition of GPRSLOCI information.	NA

Test Case SPT–22 CelleBrite Version 1.1.3.3	
Analysis:	Expected results achieved

5.2.58 SPT–23 (Blackberry Bold 9700)

Test Case SPT–23 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–23 Acquire SIM memory by selecting a combination of supported data elements.
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT–AO–23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–AO–24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:34:28 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:34:28 EDT 2010 Acquisition finished: Wed Mar 24 09:36:59 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–01 SIM connectivity via supported interfaces.	as expected
SPT–AO–23 Select–All data objects acquisition.	as expected
SPT–AO–24 Select–Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.59 SPT–24 (Blackberry Bold 9700)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:38:19 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:38:19 EDT 2010 Acquisition finished: Wed Mar 24 09:38:46 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Test Case SPT–24 CelleBrite Version 1.1.3.3	
	Assertion & Expected Result / **Actual Result** SPT–AO–25 Comparison of known device data elements via generated reports. / as expected
Analysis:	Expected results achieved

5.2.60 SPT–25 (Blackberry Bold 9700)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview–pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:39:22 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:39:22 EDT 2010 Acquisition finished: Wed Mar 24 09:40:14 EDT 2010 Complete representation of known data via preview–pane was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via preview–pane. / as expected
Analysis:	Expected results achieved

5.2.61 SPT–26 (Blackberry Bold 9700)

Test Case SPT–26 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–26 Acquire SIM memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:40:41 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:40:41 EDT 2010 Acquisition finished: Wed Mar 24 09:41:28 EDT 2010 Complete representation of known data via generated reports was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–25 Comparison of known device data elements via generated reports. / as expected

Test Case SPT–26 CelleBrite Version 1.1.3.3	
Analysis:	Expected results achieved

5.2.62 SPT–27 (Blackberry Bold 9700)

Test Case SPT–27 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–27 Acquire SIM memory and review reported data via the preview–pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview–pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:41:55 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:41:55 EDT 2010 Acquisition finished: Wed Mar 24 09:42:26 EDT 2010 Complete representation of known data via preview-pane was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–26 Comparison of known device data elements via preview–pane.	as expected

Analysis:	Expected results achieved

5.2.63 SPT–28 (Blackberry Bold 9700)

Test Case SPT–28 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–28 Attempt acquisition of a password-protected SIM.
Assertions:	SPT–AO–28 If the SIM is password–protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:43:02 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:43:02 EDT 2010 Acquisition finished: Wed Mar 24 09:49:02 EDT 2010 Ability to enter PIN on protected media before acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–28 Acquisition of password protected SIM.	as expected

Analysis:	Expected results achieved

5.2.64 SPT–29 (Blackberry Bold 9700)

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:49:46 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:49:46 EDT 2010 Acquisition finished: Wed Mar 24 09:50:41 EDT 2010 Notification of modified device memory data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.65 SPT–30 (Blackberry Bold 9700)

Test Case SPT–30 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–30 After a successful SIM acquisition, alter the case file via third–party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 09:51:03 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:51:03 EDT 2010 Acquisition finished: Wed Mar 24 09:52:57 EDT 2010 Notification of modified SIM data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.66 SPT–33 (Blackberry Bold 9700)

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–33 Acquire mobile device internal memory and review data containing non–ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-

Test Case SPT–33 CelleBrite Version 1.1.3.3	
	ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 10:01:00 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 10:01:00 EDT 2010 Acquisition finished: Wed Mar 24 10:02:12 EDT 2010 Non–ASCII Address book entries were acquired and properly displayed Non–ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.67 SPT–34 (Blackberry Bold 9700)

Test Case SPT–34 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 10:04:07 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 10:04:07 EDT 2010 Acquisition finished: Wed Mar 24 10:04:55 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.68 SPT–35 (Blackberry Bold 9700)

Test Case SPT–35 CelleBrite Version 1.1.3.3	
Case	SPT–35 Begin acquisition on a PIN protected SIM to determine if the tool

Test Case SPT–35 CelleBrite Version 1.1.3.3	
Summary:	provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 10:05:41 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 10:05:41 EDT 2010 Acquisition finished: Wed Mar 24 10:07:51 EDT 2010 The remaining number of PIN attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–29 Display remaining number of PIN attempts. / as expected
Analysis:	Expected results achieved

5.2.69 SPT–36 (Blackberry Bold 9700)

Test Case SPT–36 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 10:15:53 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 10:15:53 EDT 2010 Acquisition finished: Wed Mar 24 10:16:11 EDT 2010 Remaining number of PUK attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–30 Display remaining number of PUK attempts. / as expected
Analysis:	Expected results achieved

5.2.70 SPT–38 (Blackberry Bold 9700)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 10:16:55 EDT 2010
Device:	Blackberry_Bold9700
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 10:16:55 EDT 2010 Acquisition finished: Wed Mar 24 10:19:56 EDT 2010 Hash values were properly reported for individually acquired device data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.71 SPT–39 (Blackberry Bold 9700)

Test Case SPT–39 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–39 Acquire SIM memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 10:20:26 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 10:20:26 EDT 2010 Acquisition finished: Wed Mar 24 10:21:22 EDT 2010 Hash values were properly reported for individually acquired SIM data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.72 SPT–01 (HTC Tilt2)

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
ssertions:	SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.

Test Case SPT–01 CelleBrite Version 1.1.3.3	
	SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:10:32 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:10:32 EDT 2010 Acquisition finished: Wed Mar 24 13:20:22 EDT 2010 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–01 Device connectivity via supported interfaces.	as expected
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected
SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

5.2.73 SPT–02 (HTC Tilt2)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non-supported mobile device.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:24:52 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:24:52 EDT 2010 Acquisition finished: Wed Mar 24 13:34:47 EDT 2010 Identification of non-supported devices was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–02 Identification of non-supported devices.	as expected

Analysis:	Expected results achieved

5.2.74 SPT–03 (HTC Tilt2)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 09:15:27 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 09:15:27 EDT 2010 Acquisition finished: Thu Mar 25 09:37:42 EDT 2010 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–03 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

5.2.75 SPT–04 (HTC Tilt2)

Test Case SPT–04 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–04 Acquire mobile device internal memory and review reported data via the preview–pane or generated reports for readability.
Assertions:	SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 09:40:00 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 09:40:00 EDT 2010 Acquisition finished: Thu Mar 25 09:41:33 EDT 2010 Readability and completeness of acquired data was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected

Analysis:	Expected results achieved

5.2.76 SPT–05 (HTC Tilt2)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 09:42:35 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 09:42:35 EDT 2010 Acquisition finished: Thu Mar 25 09:46:52 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–05 Acquisition of MSISDN, IMSI. / as expected SPT–CA–06 Acquisition of IMEI/MEID/ESN. / as expected
Analysis:	Expected results achieved

5.2.77 SPT–06 (HTC Tilt2)

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 09:47:58 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 09:47:58 EDT 2010 Acquisition finished: Thu Mar 25 10:03:48 EDT 2010

Test Case SPT–06 CelleBrite Version 1.1.3.3	
	Regular Length Address Book entries were acquired Maximum Length Address Book entries were partially acquired Special Character Address Book entries were acquired Blank Name Address Book entries were acquire Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were acquired PIM DATA – NA **Notes**: The "middle name" field for address book entries is not reported.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–07 Acquisition of address book entries.	as expected
SPT–CA–08 Acquisition of maximum length address book entries.	Not as expected
SPT–CA–09 Acquisition of address book entries containing special characters.	as expected
SPT–CA–10 Acquisition of address book entries containing a blank name entry.	as expected
SPT–CA–11 Acquisition of embedded email addresses within address book entries.	as expected
SPT–CA–12 Acquisition of embedded graphics within address book entries.	as expected
SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
SPT–CA–14 Acquisition of maximum length PIM data.	as expected

Analysis:	Expected results Not achieved

5.2.78 SPT–07 (HTC Tilt2)

Test Case SPT–07 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–07 Acquire mobile device internal memory and review reported call logs.
Assertions:	SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 10:07:18 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 10:07:18 EDT 2010 Acquisition finished: Thu Mar 25 10:10:35 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–15 Acquisition of call logs.	as expected
SPT–CA–16 Acquisition of call log date/time stamps.	as expected

Analysis:	Expected results achieved

5.2.79 SPT–08 (HTC Tilt2)

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 10:30:07 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 10:30:07 EDT 2010 Acquisition finished: Thu Mar 25 10:32:35 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–17 Acquisition of text messages.	as expected
SPT–CA–18 Acquisition of text message date/time stamps.	as expected
SPT–CA–19 Acquisition of text message status flags.	as expected
SPT–CA–20 Acquisition of sender/recipient phone number associated with text messages.	as expected

Analysis:	Expected results achieved

5.2.80 SPT–09 (HTC Tilt2)

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–09 Acquire mobile device internal memory and review reported MMS multi–media related data (i.e., text, audio, graphics, video).
Assertions:	SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 10:33:08 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log	Created by CelleBrite Version 1.1.3.3

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Thu Mar 25 10:33:08 EDT 2010 Acquisition finished: Thu Mar 25 10:34:10 EDT 2010 ALL MMS messages (Audio, Image, Video) were acquired **Notes**: Acquisition of MMS text data is not supported by UFED. Associated graphics, audio and video were acquired and reported.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–21 Acquisition of audio MMS messages.	as expected
SPT–CA–22 Acquisition of graphic data image MMS messages.	as expected
SPT–CA–23 Acquisition of video MMS messages.	as expected

Analysis:	Expected results achieved

5.2.81 SPT–10 (HTC Tilt2)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand-alone multi–media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand–alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand–alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand–alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 10:36:28 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 10:36:28 EDT 2010 Acquisition finished: Thu Mar 25 10:39:42 EDT 2010 Audio files were acquired Image files were acquired Video files were partially acquired **Note**: Video files of type flv were not acquired.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–24 Acquisition of stand-alone audio files.	as expected
SPT–CA–25 Acquisition of stand-alone graphic files.	as expected
SPT–CA–26 Acquisition of stand-alone video files.	Not as expected

Analysis:	Partial results achieved

5.2.82 SPT–13 (HTC Tilt2)

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 10:49:36 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 10:49:36 EDT 2010 Acquisition finished: Thu Mar 25 10:50:50 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.83 SPT–14 (HTC Tilt2)

Test Case SPT–14 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool–supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:35:57 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:35:57 EDT 2010 Acquisition finished: Wed Mar 24 13:36:20 EDT 2010 Media connectivity was established via supported interface
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–01 SIM connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

5.2.84 SPT–15 (HTC Tilt2)

Test Case SPT–15 CelleBrite Version 1.1.3.3

Test Case SPT–15 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–15 Attempt acquisition of a non-supported SIM.
Assertions:	SPT–AO–02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:36:41 EDT 2010
Device:	SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:36:41 EDT 2010 Acquisition finished: Wed Mar 24 13:37:30 EDT 2010 Identification of non-supported media was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–02 Identification of non-supported SIMs. / as expected
Analysis:	Expected results achieved

5.2.85 SPT–16 (HTC Tilt2)

Test Case SPT–16 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–16 Begin SIM acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:37:50 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:37:50 EDT 2010 Acquisition finished: Wed Mar 24 13:40:05 EDT 2010 Media acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–03 Notification of SIM acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.86 SPT–17 (HTC Tilt2)

Test Case SPT–17 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format.

Test Case SPT–17 CelleBrite Version 1.1.3.3	
	SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:40:26 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:40:26 EDT 2010 Acquisition finished: Wed Mar 24 13:42:20 EDT 2010 All subscriber-related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–04 Acquisition of SPN.	as expected
SPT–AO–05 Acquisition of ICCID.	as expected
SPT–AO–06 Acquisition of IMSI.	as expected
SPT–AO–07 Acquisition of MSISDN.	as expected

Analysis:	Expected results achieved

5.2.87 SPT–18 (HTC Tilt2)

Test Case SPT–18 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).
Assertions:	SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:42:40 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:42:40 EDT 2010 Acquisition finished: Wed Mar 24 13:44:17 EDT 2010 All ADNs were acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–08 Acquisition of ADNs.	as expected
SPT–AO–09 Acquisition of maximum length ADNs.	as expected
SPT–AO–10 Acquisition of special character ADNs.	as expected
SPT–AO–11 Acquisition of blank name ADNs.	as expected

Analysis:	Expected results achieved

5.2.88 SPT–19 (HTC Tilt2)

Test Case SPT–19 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Assertions:	SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:45:07 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:45:07 EDT 2010 Acquisition finished: Wed Mar 24 13:46:33 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–12 Acquisition of LNDs. / as expected SPT–AO–13 Acquisition of LND date/time stamps. / as expected
Analysis:	Expected results achieved

5.2.89 SPT–20 (HTC Tilt2)

Test Case SPT–20 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 24 13:46:52 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 13:46:52 EDT 2010 Acquisition finished: Wed Mar 24 13:48:45 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were

Test Case SPT–20 CelleBrite Version 1.1.3.3	
	correctly reported
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–14 Acquisition of SMS messages.	as expected
SPT–AO–15 Acquisition of EMS messages.	as expected
SPT–AO–16 Acquisition of text message date/time stamps.	as expected
SPT–AO–17 Acquisition of text message status flags.	as expected
SPT–AO–18 Acquisition of sender/receipient phone number associated with text messages.	as expected

Analysis:	Expected results achieved

5.2.90 SPT–21 (HTC Tilt2)

Test Case SPT–21 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).
Assertions:	SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:10:43 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:10:43 EDT 2010 Acquisition finished: Thu Mar 25 07:12:36 EDT 2010 Deleted text message data was recovered
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–19 Acquisition of non-overwritten deleted text messages.	as expected

Analysis:	Expected results achieved

5.2.91 SPT–22 (HTC Tilt2)

Test Case SPT–22 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).
Assertions:	SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:12:59 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:12:59 EDT 2010 Acquisition finished: Thu Mar 25 07:16:46 EDT 2010

Test Case SPT–22 CelleBrite Version 1.1.3.3	
	LOCI data was acquired GPRSLOCI data - NA
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–20 Acquisition of LOCI information. — as expected SPT–AO–21 Acquisition of GPRSLOCI information. — NA
Analysis:	Expected results achieved

5.2.92 SPT–23 (HTC Tilt2)

Test Case SPT–23 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–23 Acquire SIM memory by selecting a combination of supported data elements.
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–AO–24 If a cellular forensic tool provides the user with the ability to “Select Individual” SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:18:21 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:18:21 EDT 2010 Acquisition finished: Thu Mar 25 07:24:46 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–01 SIM connectivity via supported interfaces. — as expected SPT–AO–23 Select-All data objects acquisition. — as expected SPT–AO–24 Select-Individual data objects acquisition. — as expected
Analysis:	Expected results achieved

5.2.93 SPT–24 (HTC Tilt2)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:25:42 EDT 2010
Device:	HTC_Tilt2

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:25:42 EDT 2010 Acquisition finished: Thu Mar 25 07:30:47 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–25 Comparison of known device data elements via generated reports.	as expected

Analysis:	Expected results achieved

5.2.94 SPT–25 (HTC Tilt2)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:31:33 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:31:33 EDT 2010 Acquisition finished: Thu Mar 25 07:33:33 EDT 2010 Complete representation of known data via preview–pane was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–26 Comparison of known device data elements via preview–pane.	as expected

Analysis:	Expected results achieved

5.2.95 SPT–26 (HTC Tilt2)

Test Case SPT–26 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–26 Acquire SIM memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:34:03 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:34:03 EDT 2010

Test Case SPT–26 CelleBrite Version 1.1.3.3	
	Acquisition finished: Thu Mar 25 07:38:07 EDT 2010 Complete representation of known data via generated reports was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–25 Comparison of known device data elements via generated reports. / as expected
Analysis:	Expected results achieved

5.2.96 SPT–27 (HTC Tilt2)

Test Case SPT–27 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–27 Acquire SIM memory and review reported data via the preview-pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:38:38 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:38:38 EDT 2010 Acquisition finished: Thu Mar 25 07:43:39 EDT 2010 Complete representation of known data via preview-pane was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via preview–pane. / as expected
Analysis:	Expected results achieved

5.2.97 SPT–28 (HTC Tilt2)

Test Case SPT–28 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–28 Attempt acquisition of a password–protected SIM.
Assertions:	SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:44:09 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:44:09 EDT 2010 Acquisition finished: Thu Mar 25 07:45:58 EDT 2010 Ability to enter PIN on protected media before acquisition was successful

Test Case SPT–28 CelleBrite Version 1.1.3.3	
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–28 Acquisition of password protected SIM. / as expected
Analysis:	Expected results achieved

5.2.98 SPT–29 (HTC Tilt2)

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:46:57 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:46:57 EDT 2010 Acquisition finished: Thu Mar 25 07:52:56 EDT 2010 Notification of modified device memory data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.99 SPT–30 (HTC Tilt2)

Test Case SPT–30 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–30 After a successful SIM acquisition, alter the case file via third–party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third-party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:53:55 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:53:55 EDT 2010 Acquisition finished: Thu Mar 25 07:55:47 EDT 2010 Notification of modified SIM data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.100 SPT–33 (HTC Tilt2)

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–33 Acquire mobile device internal memory and review data containing non–ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 07:57:03 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 07:57:03 EDT 2010 Acquisition finished: Thu Mar 25 07:59:31 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.101 SPT–34 (HTC Tilt2)

Test Case SPT–34 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 08:10:18 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 08:10:18 EDT 2010 Acquisition finished: Thu Mar 25 08:29:45 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Test Case SPT–34 CelleBrite Version 1.1.3.3	
Analysis:	Expected results achieved

5.2.102 SPT–35 (HTC Tilt2)

Test Case SPT–35 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 08:30:26 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 08:30:26 EDT 2010 Acquisition finished: Thu Mar 25 08:37:41 EDT 2010 The remaining number of PIN attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–29 Display remaining number of PIN attempts. / as expected
Analysis:	Expected results achieved

5.2.103 SPT–36 (HTC Tilt2)

Test Case SPT–36 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 08:38:13 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 08:38:13 EDT 2010 Acquisition finished: Thu Mar 25 08:50:34 EDT 2010 Remaining number of PUK attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–30 Display remaining number of PUK attempts. / as expected
Analysis:	Expected results achieved

5.2.104 SPT–38 (HTC Tilt2)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 08:51:18 EDT 2010
Device:	HTC_Tilt2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 08:51:18 EDT 2010 Acquisition finished: Thu Mar 25 08:54:22 EDT 2010 Hash values were properly reported for individually acquired device data elements
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–43 Acquire data, check known hash values for consistency.	as expected

Analysis:	Expected results achieved

5.2.105 SPT–39 (HTC Tilt2)

Test Case SPT–39 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–39 Acquire SIM memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 08:54:42 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 08:54:42 EDT 2010
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–43 Acquire data, check known hash values for consistency.	as expected

Analysis:	Expected results achieved

5.2.106 SPT–01 (Nokia E71x)

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present

Test Case SPT–01 CelleBrite Version 1.1.3.3	
	acquired data objects in a useable format via either a preview-pane or generated report. SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 13:31:24 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 13:31:24 EDT 2010 Acquisition finished: Thu Mar 25 13:45:24 EDT 2010 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–01 Device connectivity via supported interfaces.	as expected
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected
SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

5.2.107 SPT–02 (Nokia E71x)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non-supported mobile device.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 13:54:51 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 13:54:51 EDT 2010 Acquisition finished: Thu Mar 25 14:19:56 EDT 2010 Identification of non-supported devices was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–02 Identification of non-supported devices.	as expected

Analysis:	Expected results achieved

5.2.108 SPT–03 (Nokia E71x)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 14:20:30 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 14:20:30 EDT 2010 Acquisition finished: Thu Mar 25 14:24:15 EDT 2010 Device acquisition disruption notification was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–03 Notification of device acquisition disruption.	as expected

Analysis:	Expected results achieved

5.2.109 SPT–05 (Nokia E71x)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Mar 25 14:33:36 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Mar 25 14:33:36 EDT 2010 Acquisition finished: Thu Mar 25 15:08:50 EDT 2010 Subscriber and Equipment related data (i.e., MSISDN, IMEI) were acquired
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–05 Acquisition of MSISDN, IMSI.	as expected
SPT–CA–06 Acquisition of IMEI/MEID/ESN.	as expected

Analysis:	Expected results achieved

5.2.110 SPT–06 (Nokia E71x)

Test Case SPT–06 CelleBrite Version 1.1.3.3

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:06:27 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:06:27 EDT 2010 Acquisition finished: Fri Mar 26 07:12:07 EDT 2010 All address book entries were successfully acquired Basic PIM related data was not acquired - NA Maximum length PIM related data was not acquired - NA
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–07 Acquisition of address book entries.	as expected
SPT–CA–08 Acquisition of maximum length address book entries.	as expected
SPT–CA–09 Acquisition of address book entries containing special characters.	as expected
SPT–CA–10 Acquisition of address book entries containing a blank name entry.	as expected
SPT–CA–11 Acquisition of embedded email addresses within address book entries.	as expected
SPT–CA–12 Acquisition of embedded graphics within address book entries.	as expected
SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes).	NA
SPT–CA–14 Acquisition of maximum length PIM data.	NA

Analysis:	Expected results achieved

5.2.111 SPT–08 (Nokia E71x)

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–08 Acquire mobile device internal memory and review reported text messages.

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Assertions:	SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:15:14 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:15:14 EDT 2010 Acquisition finished: Fri Mar 26 07:18:50 EDT 2010 ALL text messages (SMS, EMS) were acquired Incorrect Time was reported for text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported **Notes**: Time stamps are reported in GMT.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–17 Acquisition of text messages.	as expected
SPT–CA–18 Acquisition of text message date/time stamps.	as expected
SPT–CA–19 Acquisition of text message status flags.	as expected
SPT–CA–20 Acquisition of sender/recipient phone number associated with text messages.	as expected

Analysis:	Expected results achieved

5.2.112 SPT–09 (Nokia E71x)

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–09 Acquire mobile device internal memory and review reported MMS multi–media related data (i.e., text, audio, graphics, video).
Assertions:	SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:20:28 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:20:28 EDT 2010

Test Case SPT–09 CelleBrite Version 1.1.3.3	
	Acquisition finished: Fri Mar 26 07:23:02 EDT 2010 ALL MMS messages (Audio, Image, Video) were acquired **Notes**: Acquisition of MMS text data is not supported by UFED. Associated graphics, audio and video were acquired and reported.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–21 Acquisition of audio MMS messages. — as expected SPT–CA–22 Acquisition of graphic data image MMS messages. — as expected SPT–CA–23 Acquisition of video MMS messages. — as expected
Analysis:	Expected results achieved

5.2.113 SPT–10 (Nokia E71x)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:26:50 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:26:50 EDT 2010 Acquisition finished: Fri Mar 26 07:29:47 EDT 2010 Audio files were acquired Image files were acquired Video files were partially acquired **Note**: Video files of type flv were not acquired.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–24 Acquisition of stand-alone audio files. — as expected SPT–CA–25 Acquisition of stand-alone graphic files. — as expected SPT–CA–26 Acquisition of stand-alone video files. — Not as expected
Analysis:	Partial results achieved

5.2.114 SPT–13 (Nokia E71x)

Test Case SPT–13 CelleBrite Version 1.1.3.3

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:30:21 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:30:21 EDT 2010 Acquisition finished: Fri Mar 26 07:38:59 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.115 SPT–14 (Nokia E71x)

Test Case SPT–14 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:43:55 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:43:55 EDT 2010 Acquisition finished: Fri Mar 26 07:47:46 EDT 2010 Media connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–01 SIM connectivity via supported interfaces.	as expected

Analysis:	Expected results achieved

5.2.116 SPT–15 (Nokia E71x)

Test Case SPT–15 CelleBrite Version 1.1.3.3	
Case	SPT–15 Attempt acquisition of a non–supported SIM.

Test Case SPT–15 CelleBrite Version 1.1.3.3	
Summary:	
Assertions:	SPT–AO–02 If a cellular forensic tool attempts to connect to a non-supported SIM then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:48:17 EDT 2010
Device:	SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:48:17 EDT 2010 Acquisition finished: Fri Mar 26 07:50:29 EDT 2010 Identification of non–supported media was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–02 Identification of non-supported SIMs. / as expected
Analysis:	Expected results achieved

5.2.117 SPT–16 (Nokia E71x)

Test Case SPT–16 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–16 Begin SIM acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM reader then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:50:50 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:50:50 EDT 2010 Acquisition finished: Fri Mar 26 07:58:23 EDT 2010 Media acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–03 Notification of SIM acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.118 SPT–17 (Nokia E71x)

Test Case SPT–17 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–17 Acquire SIM memory and review reported subscriber and equipment related information (i.e., SPN, ICCID, IMSI, MSISDN).
Assertions:	SPT–AO–04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT–AO–05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT–AO–06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT–AO–07 If a cellular forensic tool completes acquisition of the target SIM without error then the MSISDN shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 07:59:15 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 07:59:15 EDT 2010 Acquisition finished: Fri Mar 26 08:03:01 EDT 2010 All subscriber–related data (i.e., SPN, ICCID, IMSI, MSISDN) was acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–04 Acquisition of SPN. / as expected SPT–AO–05 Acquisition of ICCID. / as expected SPT–AO–06 Acquisition of IMSI. / as expected SPT–AO–07 Acquisition of MSISDN. / as expected
Analysis:	Expected results achieved

5.2.119 SPT–18 (Nokia E71x)

Test Case SPT–18 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–18 Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).
Assertions:	SPT–AO–08 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format. SPT–AO–09 If a cellular forensic tool completes acquisition of the target SIM without error then maximum length ADNs shall be presented in a useable format. SPT–AO–10 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing special characters shall be presented in a useable format. SPT–AO–11 If a cellular forensic tool completes acquisition of the SIM without error then ADNs containing blank names shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:03:19 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:03:19 EDT 2010 Acquisition finished: Fri Mar 26 08:05:49 EDT 2010 All ADNs were acquired
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–08 Acquisition of ADNs.	as expected
SPT–AO–09 Acquisition of maximum length ADNs.	as expected
SPT–AO–10 Acquisition of special character ADNs.	as expected
SPT–AO–11 Acquisition of blank name ADNs.	as expected

Analysis:	Expected results achieved

5.2.120 SPT–19 (Nokia E71x)

Test Case SPT–19 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–19 Acquire SIM memory and review reported Last Numbers Dialed (LND).
Assertions:	SPT–AO–12 If a cellular forensic tool completes acquisition of the target SIM without error then Last Numbers Dialed (LND) shall be presented in a useable format. SPT–AO–13 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for LNDs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:06:08 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:06:08 EDT 2010 Acquisition finished: Fri Mar 26 08:14:18 EDT 2010 LNDs were acquired Date/Time Stamps correctly reported for LNDs
Results:	

Assertion & Expected Result	**Actual Result**

Test Case SPT–19 CelleBrite Version 1.1.3.3	
	SPT–AO–12 Acquisition of LNDs. — as expected SPT–AO–13 Acquisition of LND date/time stamps. — as expected
Analysis:	Expected results achieved

5.2.121 SPT–20 (Nokia E71x)

Test Case SPT–20 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT–AO–14 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII SMS text messages shall be presented in a useable format. SPT–AO–15 If a cellular forensic tool completes acquisition of the target SIM without error then ASCII EMS text messages shall be presented in a useable format. SPT–AO–16 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT–AO–17 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–AO–18 If a cellular forensic tool completes acquisition of the target SIM without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:14:50 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:14:50 EDT 2010 Acquisition finished: Fri Mar 26 08:28:14 EDT 2010 ALL text messages (SMS, EMS) were acquired All date/time stamps were reported for text messages Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	**Assertion & Expected Result** — **Actual Result** SPT–AO–14 Acquisition of SMS messages. — as expected SPT–AO–15 Acquisition of EMS messages. — as expected SPT–AO–16 Acquisition of text message date/time stamps. — as expected SPT–AO–17 Acquisition of text message status flags. — as expected SPT–AO–18 Acquisition of sender/receipient phone number associated with text messages. — as expected
Analysis:	Expected results achieved

5.2.122 SPT–21 (Nokia E71x)

Test Case SPT–21 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).
Assertions:	SPT–AO–19 If the cellular forensic tool completes acquisition of the target SIM without error then deleted text messages that have not been overwritten shall be presented in a useable format.

Test Case SPT–21 CelleBrite Version 1.1.3.3	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:28:41 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:28:41 EDT 2010 Acquisition finished: Fri Mar 26 08:32:44 EDT 2010 Deleted text message data was recovered
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–19 Acquisition of non-overwritten deleted text messages.	as expected

Analysis:	Expected results achieved

5.2.123 SPT–22 (Nokia E71x)

Test Case SPT–22 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–22 Acquire SIM memory and review reported location related data (i.e., LOCI, GPRSLOCI).
Assertions:	SPT–AO–20 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., LOCI) shall be presented in a useable format. SPT–AO–21 If a cellular forensic tool completes acquisition of the target SIM without error then location related data (i.e., GRPSLOCI) shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:33:12 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:33:12 EDT 2010 Acquisition finished: Fri Mar 26 08:38:24 EDT 2010 LOCI data was acquired GPRSLOCI data - NA
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–20 Acquisition of LOCI information.	as expected
SPT–AO–21 Acquisition of GPRSLOCI information.	NA

Analysis:	Expected results achieved

5.2.124 SPT–23 (Nokia E71x)

Test Case SPT–23 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–23 Acquire SIM memory by selecting a combination of supported data elements.
Assertions:	SPT–AO–01 If a cellular forensic tool provides support for connectivity of the target SIM then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself). SPT–AO–23 If a cellular forensic tool provides the user with an “Select All” individual SIM data objects then the tool shall complete the

Test Case SPT–23 CelleBrite Version 1.1.3.3	
	acquisition of all individually selected data objects without error. SPT–AO–24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:43:45 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:43:45 EDT 2010 Acquisition finished: Fri Mar 26 08:46:39 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–01 SIM connectivity via supported interfaces.	as expected
SPT–AO–23 Select-All data objects acquisition.	as expected
SPT–AO–24 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.125 SPT–24 (Nokia E71x)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:53:15 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:53:15 EDT 2010 Acquisition finished: Fri Mar 26 08:58:14 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–25 Comparison of known device data elements via generated reports.	as expected

Analysis:	Expected results achieved

5.2.126 SPT–25 (Nokia E71x)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview–pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 08:58:43 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 08:58:43 EDT 2010 Acquisition finished: Fri Mar 26 09:00:27 EDT 2010 Complete representation of known data via preview-pane was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–26 Comparison of known device data elements via preview-pane.	as expected

Analysis:	Expected results achieved

5.2.127 SPT–26 (Nokia E71x)

Test Case SPT–26 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–26 Acquire SIM memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:00:49 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:00:49 EDT 2010 Acquisition finished: Fri Mar 26 09:02:29 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–25 Comparison of known device data elements via generated reports.	as expected

Analysis:	Expected results achieved

5.2.128 SPT–27 (Nokia E71x)

Test Case SPT–27 CelleBrite Version 1.1.3.3	
Case	SPT–27 Acquire SIM memory and review reported data via the preview-pane.

Test Case SPT–27 CelleBrite Version 1.1.3.3	
Summary:	
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the SIM without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:02:48 EDT 2010
Device:	Nokia_e71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:02:48 EDT 2010 Acquisition finished: Fri Mar 26 09:05:22 EDT 2010 Complete representation of known data via preview-pane was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via preview–pane. / as expected
Analysis:	Expected results achieved

5.2.129 SPT–28 (Nokia E71x)

Test Case SPT–28 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–28 Attempt acquisition of a password-protected SIM.
Assertions:	SPT–AO–28 If the SIM is password-protected then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:09:44 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:09:44 EDT 2010 Acquisition finished: Fri Mar 26 09:11:48 EDT 2010 Ability to enter PIN on protected media before acquisition was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–28 Acquisition of password protected SIM. / as expected
Analysis:	Expected results achieved

5.2.130 SPT–29 (Nokia E71x)

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:12:26 EDT 2010
Device:	Nokia_E71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:12:26 EDT 2010 Acquisition finished: Fri Mar 26 09:17:03 EDT 2010 Notification of modified device memory data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.131 SPT–30 (Nokia E71x)

Test Case SPT–30 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–30 After a successful SIM acquisition, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:17:48 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:17:48 EDT 2010 Acquisition finished: Fri Mar 26 09:20:45 EDT 2010 Notification of modified SIM data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.132 SPT–33 (Nokia E71x)

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–33 Acquire mobile device internal memory and review data containing non–ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:21:50 EDT 2010
Device:	Nokia_e71x
Source Setup:	OS: WIN XP Interface: cable

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:21:50 EDT 2010 Acquisition finished: Fri Mar 26 09:24:15 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.133 SPT–34 (Nokia E71x)

Test Case SPT–34 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–34 Acquire SIM memory and review data containing non-ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present ADNs in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:25:56 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:25:56 EDT 2010 Acquisition finished: Fri Mar 26 09:28:58 EDT 2010 Non-ASCII ADNs were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.134 SPT–35 (Nokia E71x)

Test Case SPT–35 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–35 Begin acquisition on a PIN protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts then the application should provide an accurate count of the remaining PIN attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:29:46 EDT 2010
Device:	ATT_SIM

Test Case SPT–35 CelleBrite Version 1.1.3.3	
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:29:46 EDT 2010 Acquisition finished: Fri Mar 26 09:31:16 EDT 2010 The remaining number of PIN attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–29 Display remaining number of PIN attempts. / as expected
Analysis:	Expected results achieved

5.2.135 SPT–36 (Nokia E71x)

Test Case SPT–36 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–36 Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.
Assertions:	SPT–AO–30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts then the application should provide an accurate count of the remaining PUK attempts.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:31:45 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:31:45 EDT 2010 Acquisition finished: Fri Mar 26 09:34:52 EDT 2010 Remaining number of PUK attempts were properly displayed
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–30 Display remaining number of PUK attempts. / as expected
Analysis:	Expected results achieved

5.2.136 SPT–38 (Nokia E71x)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:35:43 EDT 2010
Device:	Nokia_e71x
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:35:43 EDT 2010 Acquisition finished: Fri Mar 26 09:37:37 EDT 2010

Test Case SPT–38 CelleBrite Version 1.1.3.3	
	Hash values were properly reported for individually acquired device data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.137 SPT–39 (Nokia E71x)

Test Case SPT–39 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–39 Acquire SIM memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Mar 26 09:38:09 EDT 2010
Device:	ATT_SIM
Source Setup:	OS: WIN XP Interface: UFED
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Fri Mar 26 09:38:09 EDT 2010 Acquisition finished: Fri Mar 26 09:40:01 EDT 2010 Hash values were properly reported for individually acquired SIM data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.138 SPT–01 (HTC Touch Pro 2)

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 07:54:51 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 07:54:51 EDT 2010 Acquisition finished: Mon Mar 29 08:09:49 EDT 2010 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–01 Device connectivity via supported interfaces.	as expected
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected
SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

5.2.139 SPT–02 (HTC Touch Pro 2)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non-supported mobile device.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 08:10:43 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 08:10:43 EDT 2010 Acquisition finished: Mon Mar 29 08:15:15 EDT 2010 Identification of non-supported devices was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–02 Identification of non-supported devices.	as expected

Analysis:	Expected results achieved

5.2.140 SPT–03 (HTC Touch Pro 2)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 08:15:55 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 08:15:55 EDT 2010 Acquisition finished: Mon Mar 29 08:17:48 EDT 2010 Device acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–03 Notification of device acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.141 SPT–04 (HTC Touch Pro 2)

Test Case SPT–04 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 08:19:51 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 08:19:51 EDT 2010 Acquisition finished: Mon Mar 29 08:31:35 EDT 2010 Readability and completeness of acquired data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–04 Readability and completeness of acquired data via supported reports. / as expected
Analysis:	Expected results achieved

5.2.142 SPT–05 (HTC Touch Pro 2)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	rpa

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Test Host:	Morrisy
Test Date:	Mon Mar 29 09:00:49 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 09:00:49 EDT 2010 Acquisition finished: Mon Mar 29 09:12:12 EDT 2010 MEID/ESN was acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–05 Acquisition of MSISDN, IMSI.	as expected
SPT–CA–06 Acquisition of IMEI/MEID/ESN.	as expected

Analysis:	Expected results achieved

5.2.143 SPT–06 (HTC Touch Pro 2)

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 09:22:51 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 09:22:51 EDT 2010 Acquisition finished: Mon Mar 29 09:25:19 EDT 2010 All address book entries were successfully acquired All PIM related data was acquired **Notes**: PIM data was acquired by performing a physical acquisition.
Results:	

Assertion & Expected Result	Actual Result

Test Case SPT–06 CelleBrite Version 1.1.3.3	
	SPT–CA–07 Acquisition of address book entries. — as expected SPT–CA–08 Acquisition of maximum length address book entries. — as expected SPT–CA–09 Acquisition of address book entries containing special characters. — as expected SPT–CA–10 Acquisition of address book entries containing a blank name entry. — as expected SPT–CA–11 Acquisition of embedded email addresses within address book entries. — as expected SPT–CA–12 Acquisition of embedded graphics within address book entries. — as expected SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes). — as expected SPT–CA–14 Acquisition of maximum length PIM data. — as expected
Analysis:	Expected results achieved

5.2.144 SPT–07 (HTC Touch Pro 2)

Test Case SPT–07 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–07 Acquire mobile device internal memory and review reported call logs.
Assertions:	SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 09:29:50 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 09:29:50 EDT 2010 Acquisition finished: Mon Mar 29 09:31:58 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported
Results:	**Assertion & Expected Result** — **Actual Result** SPT–CA–15 Acquisition of call logs. — as expected SPT–CA–16 Acquisition of call log date/time stamps. — as expected
Analysis:	Expected results achieved

5.2.145 SPT–08 (HTC Touch Pro 2)

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

Test Case SPT–08 CelleBrite Version 1.1.3.3	
	SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 09:32:48 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 09:32:48 EDT 2010 Acquisition finished: Mon Mar 29 09:35:44 EDT 2010 ALL text messages (SMS, EMS) were acquired Incorrect Time was reported for text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported **Notes**: Time stamps are reported in GMT.
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–17 Acquisition of text messages. — as expected SPT–CA–18 Acquisition of text message date/time stamps. — as expected SPT–CA–19 Acquisition of text message status flags. — as expected SPT–CA–20 Acquisition of sender/recipient phone number associated with text messages. — as expected
Analysis:	Expected results achieved

5.2.146 SPT–09 (HTC Touch Pro 2)

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–09 Acquire mobile device internal memory and review reported MMS multi–media related data (i.e., text, audio, graphics, video).
Assertions:	SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format. SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:17:59 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:17:59 EDT 2010 Acquisition finished: Mon Mar 29 10:22:28 EDT 2010 ALL MMS messages (Audio, Image, Video) were acquired **Notes**: Logical Acquisition of MMS text data is not supported. MMS text data was retrieved by performing a physical acquisition. Associated graphics, audio and video were acquired and reported.

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–21 Acquisition of audio MMS messages.	as expected
SPT–CA–22 Acquisition of graphic data image MMS messages.	as expected
SPT–CA–23 Acquisition of video MMS messages.	as expected

Analysis:	Expected results achieved

5.2.147 SPT–10 (HTC Touch Pro 2)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand-alone multi–media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:25:24 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:25:24 EDT 2010 Acquisition finished: Mon Mar 29 10:28:19 EDT 2010 Audio files were acquired Image files were acquired Video files were acquired **Notes**: Video files of type .flv were retrieved by performing a physical acquisition.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–24 Acquisition of stand-alone audio files.	as expected
SPT–CA–25 Acquisition of stand-alone graphic files.	as expected
SPT–CA–26 Acquisition of stand-alone video files.	as expected

Analysis:	Expected results achieved

5.2.148 SPT–11 (HTC Touch Pro 2)

Test Case SPT–11 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).
Assertions:	SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal

Test Case SPT–11 CelleBrite Version 1.1.3.3	
	application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 10:49:16 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 10:49:16 EDT 2010 Acquisition finished: Wed Mar 31 10:50:27 EDT 2010 All application data was acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–27 Acquisition of application related data. / as expected
Analysis:	Expected results achieved

5.2.149 SPT–12 (HTC Touch Pro 2)

Test Case SPT–12 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.
Assertions:	SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 10:51:00 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 10:51:00 EDT 2010 Acquisition finished: Wed Mar 31 10:51:09 EDT 2010 All Internet related data was acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–28 Acquisition of Internet related data. / as expected
Analysis:	Expected results achieved

5.2.150 SPT–13 (HTC Touch Pro 2)

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:31:38 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:31:38 EDT 2010 Acquisition finished: Mon Mar 29 10:43:14 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.151 SPT–24 (HTC Touch Pro 2)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:44:54 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:44:54 EDT 2010 Acquisition finished: Mon Mar 29 10:46:15 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–25 Comparison of known device data elements via generated reports.	as expected

Analysis:	Expected results achieved

5.2.152 SPT–25 (HTC Touch Pro 2)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:46:48 EDT 2010
Device:	HTC_Pro2
Source	OS: WIN XP

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Setup:	Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:46:48 EDT 2010 Acquisition finished: Mon Mar 29 10:48:42 EDT 2010 Complete representation of known data via preview-pane was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via preview-pane. / as expected
Analysis:	Expected results achieved

5.2.153 SPT–29 (HTC Touch Pro 2)

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–29 After a successful mobile device internal memory, alter the case file via third-party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:49:40 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:49:40 EDT 2010 Acquisition finished: Mon Mar 29 10:55:30 EDT 2010 Notification of modified device memory data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.154 SPT–31 (HTC Touch Pro 2)

Test Case SPT–31 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–31 Perform a physical acquisition and review data output for readability.
Assertions:	SPT–AO–31 If the cellular forensic tool supports a physical acquisition of the target device then the tool shall complete the acquisition without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 10:51:52 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 10:51:52 EDT 2010 Acquisition finished: Wed Mar 31 10:52:04 EDT 2010 Physical Acquisition: readability and completeness was successful

Test Case SPT–31 CelleBrite Version 1.1.3.3	
Results:	<table><tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr><tr><td>SPT–AO–31 Physical acquisition, data is presented in a useable format.</td><td>as expected</td></tr></table>
Analysis:	Expected results achieved

5.2.155 SPT–32 (HTC Touch Pro 2)

Test Case SPT–32 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–32 Perform a physical acquisition and review reports for recoverable deleted data.
Assertions:	SPT–AO–32 If the cellular forensic tool supports the interpretation of address book entries present on the target device then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. SPT–AO–33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format. SPT–AO–34 If the cellular forensic tool supports the interpretation of call logs present on the target device then the tool shall report recoverable active and deleted call or call log data remnants in a useable format. SPT–AO–35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format. SPT–AO–36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format. SPT–AO–37 If the cellular forensic tool supports the interpretation of audio files present on the target device then the tool shall report recoverable active and deleted audio data or audio file data remnants in a useable format. SPT–AO–38 If the cellular forensic tool supports the interpretation of graphic files present on the target device then the tool shall report recoverable active and deleted graphic file data or graphic file data remnants in a useable format. SPT–AO–39 If the cellular forensic tool supports the interpretation of video files present on the target device then the tool shall report recoverable active and deleted video file data or video file data remnants in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 10:52:32 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 10:52:32 EDT 2010 Acquisition finished: Wed Mar 31 10:52:48 EDT 2010 Deleted address book entries were not recovered Deleted PIM data was recovered Deleted PIM data was not recovered Deleted Call log data was not recovered Deleted text message data was not recovered Partial deleted audio data was recovered Partial deleted graphic data was recovered Partial deleted video data was recovered

Test Case SPT–32 CelleBrite Version 1.1.3.3	
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–32 Physical acquisition, recovery of deleted address book entries.	as expected
SPT–AO–33 Physical acquisition, recovery of deleted PIM data.	as expected
SPT–AO–34 Physical acquisition, recovery of deleted call logs.	as expected
SPT–AO–35 Physical acquisition, recovery of deleted SMS messages.	as expected
SPT–AO–36 Physical acquisition, recovery of deleted EMS messages.	as expected
SPT–AO–37 Physical acquisition, recovery of deleted stand-–alone audio files.	as expected
SPT–AO–38 Physical acquisition, recovery of deleted graphic files.	as expected
SPT–AO–39 Physical acquisition, recovery of deleted video files.	as expected

Analysis:	Expected results achieved

5.2.156 SPT–33 (HTC Touch Pro 2)

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–33 Acquire mobile device internal memory and review data containing non–ASCII characters.
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 10:56:21 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 10:56:21 EDT 2010 Acquisition finished: Mon Mar 29 10:59:41 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.157 SPT–38 (HTC Touch Pro 2)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual

Test Case SPT–38 CelleBrite Version 1.1.3.3	
	data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Mar 29 11:00:19 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Mon Mar 29 11:00:19 EDT 2010 Acquisition finished: Mon Mar 29 11:01:51 EDT 2010 Hash values were properly reported for individually acquired device data elements
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–43 Acquire data, check known hash values for consistency. / as expected
Analysis:	Expected results achieved

5.2.158 SPT–40 (HTC Touch Pro 2)

Test Case SPT–40 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–40 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.
Assertions:	SPT–AO–44 If the cellular forensic tool supports acquisition of GPS data then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 11:00:41 EDT 2010
Device:	HTC_Pro2
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 11:00:41 EDT 2010 Acquisition finished: Wed Mar 31 11:00:49 EDT 2010 GPS Coordinate data was successfully acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–44 Acquire data, check GPS data for consistency. / as expected
Analysis:	Expected results achieved

5.2.159 SPT–01 (Blackberry 9630)

Test Case SPT–01 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).
Assertions:	SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA). SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report. SPT–CA–30 If a cellular forensic tool provides the user with a "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 08:16:55 EDT 2010
Device:	BlackBerry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 08:16:55 EDT 2010 Acquisition finished: Tue Mar 30 08:20:47 EDT 2010 Device connectivity was established via supported interface
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–01 Device connectivity via supported interfaces.	as expected
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected
SPT–CA–29 Acquire-All data objects acquisition.	NA
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select-Individual data objects acquisition.	as expected
SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

5.2.160 SPT–02 (Blackberry 9630)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non-supported mobile device.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 08:21:18 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log	Created by CelleBrite Version 1.1.3.3

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Tue Mar 30 08:21:18 EDT 2010 Acquisition finished: Tue Mar 30 08:29:47 EDT 2010 Identification of non-supported devices was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–02 Identification of non-supported devices. / as expected
Analysis:	Expected results achieved

5.2.161 SPT–03 (Blackberry 9630)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 08:30:15 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 08:30:15 EDT 2010 Acquisition finished: Tue Mar 30 08:33:57 EDT 2010 Device acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–03 Notification of device acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.162 SPT–04 (Blackberry 9630)

Test Case SPT–04 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 08:44:56 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 08:44:56 EDT 2010 Acquisition finished: Tue Mar 30 08:49:15 EDT 2010 Readability and completeness of acquired data was successful
Results:	

Test Case SPT–04 CelleBrite Version 1.1.3.3	
	Assertion & Expected Result / **Actual Result** SPT–CA–04 Readability and completeness of acquired data via supported reports. / as expected
Analysis:	Expected results achieved

5.2.163 SPT–05 (Blackberry 9630)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 08:52:27 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 08:52:27 EDT 2010 Acquisition finished: Tue Mar 30 09:06:25 EDT 2010 MEID/ESN was acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–05 Acquisition of MSISDN, IMSI. / as expected SPT–CA–06 Acquisition of IMEI/MEID/ESN. / as expected
Analysis:	Expected results achieved

5.2.164 SPT–06 (Blackberry 9630)

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be

Test Case SPT–06 CelleBrite Version 1.1.3.3	
	presented in a useable format. SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 09:14:50 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 09:14:50 EDT 2010 Acquisition finished: Tue Mar 30 09:21:21 EDT 2010 All address book entries were successfully acquired PIM related data was acquired **Notes:** PIM related data was retrieved by performing a file system dump.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–07 Acquisition of address book entries.	as expected
SPT–CA–08 Acquisition of maximum length address book entries.	as expected
SPT–CA–09 Acquisition of address book entries containing special characters.	as expected
SPT–CA–10 Acquisition of address book entries containing a blank name entry.	as expected
SPT–CA–11 Acquisition of embedded email addresses within address book entries.	as expected
SPT–CA–12 Acquisition of embedded graphics within address book entries.	as expected
SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected
SPT–CA–14 Acquisition of maximum length PIM data.	as expected

Analysis:	Expected results achieved

5.2.165 SPT–07 (Blackberry 9630)

Test Case SPT–07 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–07 Acquire mobile device internal memory and review reported call logs.
Assertions:	SPT–CA–15 If a cellular forensic tool completes acquisition of the target device without error then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT–CA–16 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 09:26:37 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 09:26:37 EDT 2010 Acquisition finished: Tue Mar 30 09:34:36 EDT 2010 All Call Logs (incoming, outgoing, missed) were acquired All Call Log date/time stamps data were correctly reported

Test Case SPT–07 CelleBrite Version 1.1.3.3	
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–15 Acquisition of call logs.	as expected
SPT–CA–16 Acquisition of call log date/time stamps.	as expected

Analysis:	Expected results achieved

5.2.166 SPT–08 (Blackberry 9630)

Test Case SPT–08 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–08 Acquire mobile device internal memory and review reported text messages.
Assertions:	SPT–CA–17 If a cellular forensic tool completes acquisition of the target device without error then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format. SPT–CA–18 If a cellular forensic tool completes acquisition of the target device without error then the corresponding date/time stamps for text messages shall be presented in a useable format. SPT–CA–19 If a cellular forensic tool completes acquisition of the target device without error then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT–CA–20 If a cellular forensic tool completes acquisition of the target device without error then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 09:35:15 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 09:35:15 EDT 2010 Acquisition finished: Tue Mar 30 09:38:12 EDT 2010 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–17 Acquisition of text messages.	as expected
SPT–CA–18 Acquisition of text message date/time stamps.	as expected
SPT–CA–19 Acquisition of text message status flags.	as expected
SPT–CA–20 Acquisition of sender/recipient phone number associated with text messages.	as expected

Analysis:	Expected results achieved

5.2.167 SPT–09 (Blackberry 9630)

Test Case SPT–09 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–09 Acquire mobile device internal memory and review reported MMS multi-media related data (i.e., text, audio, graphics, video).
Assertions:	SPT–CA–21 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated audio shall be presented in a useable format. SPT–CA–22 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated graphic files shall be presented in a useable format.

Test Case SPT–09 CelleBrite Version 1.1.3.3	
	SPT–CA–23 If a cellular forensic tool completes acquisition of the target device without error then MMS messages and associated video shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 12:32:28 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 12:32:28 EDT 2010 Acquisition finished: Tue Mar 30 12:33:22 EDT 2010 ALL MMS messages (Audio, Image, Video) were acquired **Notes**: Logical Acquisition of MMS text data is not supported. MMS text data was retrieved by performing a file system dump. Associated graphics, audio and video were acquired and reported.
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–21 Acquisition of audio MMS messages.	as expected
SPT–CA–22 Acquisition of graphic data image MMS messages.	as expected
SPT–CA–23 Acquisition of video MMS messages.	as expected

Analysis:	Expected results achieved

5.2.168 SPT–10 (Blackberry 9630)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand-alone multi-media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 09:39:09 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 09:39:09 EDT 2010 Acquisition finished: Tue Mar 30 09:44:17 EDT 2010 ALL stand-alone data files (Audio, Image, Video) were acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–24 Acquisition of stand-alone audio files.	as expected

Test Case SPT–10 CelleBrite Version 1.1.3.3	
	SPT–CA–25 Acquisition of stand-alone graphic files. — as expected SPT–CA–26 Acquisition of stand-alone video files. — as expected
Analysis:	Expected results achieved

5.2.169 SPT–11 (Blackberry 9630)

Test Case SPT–11 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–11 Acquire mobile device internal memory and review application related data (i.e., word documents, spreadsheet, presentation documents).
Assertions:	SPT–CA–27 If a cellular forensic tool completes acquisition of the target device without error then device specific application related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 11:44:15 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 11:44:15 EDT 2010 Acquisition finished: Wed Mar 31 11:44:27 EDT 2010 All application data was acquired
Results:	**Assertion & Expected Result** — **Actual Result** SPT–CA–27 Acquisition of application related data. — as expected
Analysis:	Expected results achieved

5.2.170 SPT–12 (Blackberry 9630)

Test Case SPT–12 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–12 Acquire mobile device internal memory and review Internet related data (i.e., bookmarks, visited sites.
Assertions:	SPT–CA–28 If a cellular forensic tool completes acquisition of the target device without error then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Mar 31 11:44:55 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 31 11:44:55 EDT 2010 Acquisition finished: Wed Mar 31 11:45:06 EDT 2010 All Internet related data was acquired
Results:	**Assertion & Expected Result** — **Actual Result** SPT–CA–28 Acquisition of Internet related data. — as expected
Analysis:	Expected results achieved

5.2.171 SPT–13 (Blackberry 9630)

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an "Select All" individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to "Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 09:44:54 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 09:44:54 EDT 2010 Acquisition finished: Tue Mar 30 09:48:22 EDT 2010 Select All acquisition was successful Individual data element acquisition was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–CA–29 Acquire-All data objects acquisition.	NA
SPT–CA–30 Select-All data objects acquisition.	as expected
SPT–CA–31 Select–Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.172 SPT–24 (Blackberry 9630)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 10:11:33 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 10:11:33 EDT 2010 Acquisition finished: Tue Mar 30 10:17:16 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–25 Comparison of known device data elements via generated reports.	as expected

Analysis:	Expected results achieved

5.2.173 SPT–25 (Blackberry 9630)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 10:17:41 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 10:17:41 EDT 2010 Acquisition finished: Tue Mar 30 10:19:01 EDT 2010 Complete representation of known data via preview–pane was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–26 Comparison of known device data elements via preview–pane. / as expected
Analysis:	Expected results achieved

5.2.174 SPT–29 (Blackberry 9630)

Test Case SPT–29 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–29 After a successful mobile device internal memory, alter the case file via third–party means and attempt to re-open the case.
Assertions:	SPT–AO–27 If the case file or individual data objects are modified via third–party means then the tool shall provide protection mechanisms disallowing or reporting data modification.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 11:59:38 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 11:59:38 EDT 2010 Acquisition finished: Tue Mar 30 12:02:45 EDT 2010 Notification of modified device memory data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–AO–27 Notification of modified device case data. / as expected
Analysis:	Expected results achieved

5.2.175 SPT–33 (Blackberry 9630)

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–33 Acquire mobile device internal memory and review data containing non–ASCII characters.

Test Case SPT–33 CelleBrite Version 1.1.3.3	
Assertions:	SPT–AO–40 If the cellular forensic tool supports display of non-ASCII characters then the application should present address book entries in their native format. SPT–AO–41 If the cellular forensic tool supports proper display of non-ASCII characters then the application should present text messages in their native format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 12:03:20 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 12:03:20 EDT 2010 Acquisition finished: Tue Mar 30 12:06:20 EDT 2010 Non-ASCII Address book entries were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–40 Acquisition of non-ASCII address book entries/ADNs.	as expected
SPT–AO–41 Acquisition of non-ASCII text messages.	as expected

Analysis:	Expected results achieved

5.2.176 SPT–38 (Blackberry 9630)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Mar 30 12:06:48 EDT 2010
Device:	Blackberry_9630
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Tue Mar 30 12:06:48 EDT 2010 Acquisition finished: Tue Mar 30 12:13:33 EDT 2010 Hash values were properly reported for individually acquired device data elements
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–43 Acquire data, check known hash values for consistency.	as expected

Analysis:	Expected results achieved

5.2.177 SPT–01 (Samsung Moment)

<table>
<tr><th colspan="2">Test Case SPT–01 CelleBrite Version 1.1.3.3</th></tr>
<tr><td>Case Summary:</td><td>SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).</td></tr>
<tr><td>Assertions:</td><td>SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.</td></tr>
<tr><td>Tester Name:</td><td>rpa</td></tr>
<tr><td>Test Host:</td><td>Morrisy</td></tr>
<tr><td>Test Date:</td><td>Wed Mar 31 12:58:42 EDT 2010</td></tr>
<tr><td>Device:</td><td>Samsung_Moment</td></tr>
<tr><td>Source Setup:</td><td>OS: WIN XP
Interface: cable</td></tr>
<tr><td>Log Highlights:</td><td>Created by CelleBrite Version 1.1.3.3
Acquisition started: Wed Mar 31 12:58:42 EDT 2010
Acquisition finished: Wed Mar 31 12:58:50 EDT 2010

Device Connectivity was not established via supported interface</td></tr>
<tr><td>Results:</td><td>
<table>
<tr><th>Assertion & Expected Result</th><th>Actual Result</th></tr>
<tr><td>SPT–CA–01 Device connectivity via supported interfaces.</td><td>Not as expected</td></tr>
<tr><td>SPT–CA–04 Readability and completeness of acquired data via supported reports.</td><td>NA</td></tr>
<tr><td>SPT–CA–29 Acquire-All data objects acquisition.</td><td>NA</td></tr>
<tr><td>SPT–CA–30 Select-All data objects acquisition.</td><td>NA</td></tr>
<tr><td>SPT–CA–31 Select–Individual data objects acquisition.</td><td>NA</td></tr>
<tr><td>SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.</td><td>NA</td></tr>
</table>
</td></tr>
<tr><td>Analysis:</td><td>Expected results Not achieved</td></tr>
</table>

5.2.178 SPT–01 (Palm pixi)

<table>
<tr><th colspan="2">Test Case SPT–01 CelleBrite Version 1.1.3.3</th></tr>
<tr><td>Case Summary:</td><td>SPT–01 Acquire mobile device internal memory over tool-supported interfaces (e.g., cable, Bluetooth, IrDA).</td></tr>
<tr><td>Assertions:</td><td>SPT–CA–01 If a cellular forensic tool provides support for connectivity of the target device then the tool shall successfully recognize the target device via all vendor supported interfaces (e.g., cable, Bluetooth, IrDA).
SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview–pane or generated report.
SPT–CA–30 If a cellular forensic tool provides the user with a “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error.
SPT–CA–31 If a cellular forensic tool provides the user with the ability to</td></tr>
</table>

Test Case SPT–01 CelleBrite Version 1.1.3.3	
	"Select Individual" device data objects for acquisition then the tool shall acquire each exclusive data object without error. SPT–CA–32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error then the payload (data objects) on the mobile device shall remain consistent.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 08:47:42 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable_bluetooth
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 08:47:42 EDT 2010 Acquisition finished: Thu Apr 1 08:52:18 EDT 2010 Device connectivity was established via cable interface
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–01 Device connectivity via supported interfaces.	as expected
SPT–CA–04 Readability and completeness of acquired data via supported reports.	as expected
SPT–CA–29 Acquire-All data objects acquisition.	NA
SPT–CA–30 Select-All data objects acquisition.	NA
SPT–CA–31 Select-Individual data objects acquisition.	as expected
SPT–CA–32 Perform back-to-back acquisitions, check device payload for modifications.	as expected

Analysis:	Expected results achieved

5.2.179 SPT–02 (Palm pixi)

Test Case SPT–02 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–02 Attempt internal memory acquisition of a non-supported mobile evice.
Assertions:	SPT–CA–02 If a cellular forensic tool attempts to connect to a non-supported device then the tool shall notify the user that the device is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 08:56:34 EDT 2010
Device:	unsupported_device
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 08:56:34 EDT 2010 Acquisition finished: Thu Apr 1 08:59:02 EDT 2010 Identification of non-supported devices was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–02 Identification of non-supported devices.	as expected

Analysis:	Expected results achieved

5.2.180 SPT–03 (Palm pixi)

Test Case SPT–03 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT–CA–03 If connectivity between the mobile device and cellular forensic tool is disrupted then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 08:59:30 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 08:59:30 EDT 2010 Acquisition finished: Thu Apr 1 09:01:42 EDT 2010 Device acquisition disruption notification was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–03 Notification of device acquisition disruption. / as expected
Analysis:	Expected results achieved

5.2.181 SPT–04 (Palm pixi)

Test Case SPT–04 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability.
Assertions:	SPT–CA–04 If a cellular forensic tool completes acquisition of the target device without error then the tool shall have the ability to present acquired data objects in a useable format via either a preview-pane or generated report.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:02:08 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:02:08 EDT 2010 Acquisition finished: Thu Apr 1 09:06:49 EDT 2010 Readability and completeness of acquired data was successful
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–04 Readability and completeness of acquired data via supported reports. / as expected
Analysis:	Expected results achieved

5.2.182 SPT–05 (Palm pixi)

Test Case SPT–05 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–05 Acquire mobile device internal memory and review reported subscriber and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).
Assertions:	SPT–CA–05 If a cellular forensic tool completes acquisition of the target device without error then subscriber-related information shall be presented in a useable format. SPT–CA–06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:07:16 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:07:16 EDT 2010 Acquisition finished: Thu Apr 1 09:13:24 EDT 2010 IMEI, MEID/ESN were not acquired
Results:	**Assertion & Expected Result** / **Actual Result** SPT–CA–05 Acquisition of MSISDN, IMSI. / NA SPT–CA–06 Acquisition of IMEI/MEID/ESN. / Not as expected
Analysis:	Expected results Not achieved

5.2.183 SPT–06 (Palm pixi)

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–06 Acquire mobile device internal memory and review reported PIM related data.
Assertions:	SPT–CA–07 If a cellular forensic tool completes acquisition of the target device without error then address book entries shall be presented in a useable format. SPT–CA–08 If a cellular forensic tool completes acquisition of the target device without error then maximum length address book entries shall be presented in a useable format. SPT–CA–09 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing special characters shall be presented in a useable format. SPT–CA–10 If a cellular forensic tool completes acquisition of the target device without error then address book entries containing blank names shall be presented in a useable format. SPT–CA–11 If a cellular forensic tool completes acquisition of the target device without error then email addresses associated with address book entries shall be presented in a useable format. SPT–CA–12 If a cellular forensic tool completes acquisition of the target device without error then graphics associated with address book entries shall be presented in a useable format. SPT–CA–13 If a cellular forensic tool completes acquisition of the target device without error then datebook, calendar, note entries shall be presented in a useable format. SPT–CA–14 If a cellular forensic tool completes acquisition of the target device without error then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:14:12 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: bluetooth

Test Case SPT–06 CelleBrite Version 1.1.3.3	
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:14:12 EDT 2010 Acquisition finished: Thu Apr 1 09:17:55 EDT 2010 Maximum length address book entries were partially acquired PIM related data was not acquired – NA
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–07 Acquisition of address book entries.	as expected
SPT–CA–08 Acquisition of maximum length address book entries.	Not as expected
SPT–CA–09 Acquisition of address book entries containing special characters.	as expected
SPT–CA–10 Acquisition of address book entries containing a blank name entry.	as expected
SPT–CA–11 Acquisition of embedded email addresses within address book entries.	Not as expected
SPT–CA–12 Acquisition of embedded graphics within address book entries.	Not as expected
SPT–CA–13 Acquisition of PIM data (i.e., datebook/calendar, notes).	NA
SPT–CA–14 Acquisition of maximum length PIM data.	NA

Analysis:	Expected results Not achieved

5.2.184 SPT–10 (Palm pixi)

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–10 Acquire mobile device internal memory and review reported stand-alone multi–media data (i.e., audio, graphics, video).
Assertions:	SPT–CA–24 If a cellular forensic tool completes acquisition of the target device without error then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–25 If a cellular forensic tool completes acquisition of the target device without error then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT–CA–26 If a cellular forensic tool completes acquisition of the target device without error then stand-alone video files shall be presented in a useable format via either an internal application or suggested third–party application.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:19:16 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:19:16 EDT 2010 Acquisition finished: Thu Apr 1 09:33:47 EDT 2010 ALL stand–alone data files (Audio, Image, Video) were acquired
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–24 Acquisition of stand-alone audio files.	as expected
SPT–CA–25 Acquisition of stand-alone graphic files.	as expected
SPT–CA–26 Acquisition of stand-alone video files.	as expected

Test Case SPT–10 CelleBrite Version 1.1.3.3	
Analysis:	Expected results achieved

5.2.185 SPT–13 (Palm pixi)

Test Case SPT–13 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–13 Acquire mobile device internal memory by selecting a combination of supported data elements.
Assertions:	SPT–CA–30 If a cellular forensic tool provides the user with an “Select All” individual device data objects then the tool shall complete the acquisition of all individually selected data objects without error. SPT–CA–31 If a cellular forensic tool provides the user with the ability to “Select Individual” device data objects for acquisition then the tool shall acquire each exclusive data object without error.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:34:20 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:34:20 EDT 2010 Acquisition finished: Thu Apr 1 09:36:41 EDT 2010 Individual data element acquisition was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–CA–29 Acquire-All data objects acquisition.	NA
SPT–CA–30 Select-All data objects acquisition.	NA
SPT–CA–31 Select-Individual data objects acquisition.	as expected

Analysis:	Expected results achieved

5.2.186 SPT–24 (Palm pixi)

Test Case SPT–24 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–24 Acquire mobile device internal memory and review reported data via supported generated report formats.
Assertions:	SPT–AO–25 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format via supported generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:37:28 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:37:28 EDT 2010 Acquisition finished: Thu Apr 1 09:44:00 EDT 2010 Complete representation of known data via generated reports was successful
Results:	

Assertion & Expected Result	Actual Result
SPT–AO–25 Comparison of known device data elements via generated reports.	as expected

Analysis:	Expected results achieved

5.2.187 SPT–25 (Palm pixi)

Test Case SPT–25 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–25 Acquire mobile device internal memory and review reported data via the preview pane.
Assertions:	SPT–AO–26 If a cellular forensic tool completes acquisition of the target device without error then the tool shall present the acquired data in a useable format in a preview-pane view.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:44:19 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:44:19 EDT 2010 Acquisition finished: Thu Apr 1 09:54:23 EDT 2010 Complete representation of known data via preview-pane was successful
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–26 Comparison of known device data elements via preview–pane.	as expected

Analysis:	Expected results achieved

5.2.188 SPT–38 (Palm pixi)

Test Case SPT–38 CelleBrite Version 1.1.3.3	
Case Summary:	SPT–38 Acquire mobile device internal memory and review hash values for vendor supported data objects.
Assertions:	SPT–AO–43 If the cellular forensic tool supports hashing for individual data objects then the tool shall present the user with a hash value for each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Apr 1 09:54:50 EDT 2010
Device:	palm_pixi
Source Setup:	OS: WIN XP Interface: cable
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Thu Apr 1 09:54:50 EDT 2010 Acquisition finished: Thu Apr 1 10:02:18 EDT 2010 Hash values were properly reported for individually acqiured device data elements
Results:	

Assertion & Expected Result	**Actual Result**
SPT–AO–43 Acquire data, check known hash values for consistency.	as expected

Analysis:	Expected results achieved

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3. Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

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