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REPORT

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

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



John H. Laub

Director, National Institute of Justice

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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.,	SPT-14
PC/SC reader).	
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by	SPT-16
interface disengagement.	
Acquire SIM memory and review reported subscriber	SPT-17
and equipment related information (i.e., SPN, ICCID,	
IMSI, MSISDN).	
Acquire SIM memory and review reported Abbreviated	SPT-18
Dialing Numbers (ADN).	
Acquire SIM memory and review reported Last	SPT-19
Numbers Dialed (LND).	
Acquire SIM memory and review reported text	SPT-20
messages (SMS, EMS).	
Acquire SIM memory and review recoverable deleted	SPT-21
text messages (SMS, EMS).	
Acquire SIM memory and review reported location	SPT-22
related data (i.e., LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of	SPT-23
supported data elements.	
Acquire mobile device internal memory and review	SPT-24
reported data via supported generated report formats.	
Acquire mobile device internal memory and review	SPT-25
reported data via the preview pane.	
Acquire SIM memory and review reported data via	SPT-26
supported generated report formats.	
Acquire SIM memory and review reported data via the	SPT-27
preview-pane.	

Supported Test Cases	Cases Selected for Execution
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter	SPT-29
the case file via third-party means and attempt to re-	
open the case.	
After a successful SIM acquisition, alter the case file via	SPT-30
third-party means and attempt to re-open the case.	
Acquire mobile device internal memory and review data	SPT-33
containing non-ASCII characters.	
Acquire SIM memory and review data containing non-	SPT-34
ASCII characters.	
Begin acquisition on a PIN protected SIM to determine	SPT-35
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.	
Begin acquisition on a SIM whose PIN attempts have	SPT-36
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.	
Acquire mobile device internal memory and review hash	SPT-38
values for vendor supported data objects.	
Acquire SIM memory and review hash values for	SPT-39
vendor supported data objects.	
Acquire mobile device internal memory and review data	SPT-40
containing GPS longitude and latitude coordinates.	

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

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

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.,	SPT-14
PC/SC reader).	
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by	SPT-16
interface disengagement.	
Acquire SIM memory and review reported subscriber and	SPT-17
equipment related information (i.e., SPN, ICCID, IMSI,	
MSISDN).	
Acquire SIM memory and review reported Abbreviated	SPT-18
Dialing Numbers (ADN).	
Acquire SIM memory and review reported Last Numbers	SPT-19
Dialed (LND).	
Acquire SIM memory and review reported text messages	SPT-20
(SMS, EMS).	511 20
Acquire SIM memory and review recoverable deleted	SPT-21
text messages (SMS, EMS).	
Acquire SIM memory and review reported location	SPT-22
related data (i.e., LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of	SPT-23
supported data elements.	
Acquire mobile device internal memory and review	SPT-24
reported data via supported generated report formats.	
Acquire mobile device internal memory and review	SPT-25
reported data via the preview pane.	
Acquire SIM memory and review reported data via	SPT-26
supported generated report formats.	511 20
Acquire SIM memory and review reported data via the	SPT-27
preview-pane.	~~~ ~ ,
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter	SPT-29
the case file via third-party means and attempt to re-open	
the case.	
After a successful SIM acquisition, alter the case file via	SPT-30
third-party means and attempt to re-open the case.	
Acquire mobile device internal memory and review data	SPT-33
containing non-ASCII characters.	51 1-33
Containing Holf-Asch Characters.	

Supported Test Cases	Cases Selected for Execution
Acquire SIM memory and review data containing non-	SPT-34
ASCII characters.	
Begin acquisition on a PIN protected SIM to determine if	SPT-35
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.	
Begin acquisition on a SIM whose PIN attempts have	SPT-36
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.	
Acquire mobile device internal memory and review hash	SPT-38
values for vendor supported data objects.	
Acquire SIM memory and review hash values for vendor	SPT-39
supported data objects.	

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	SPT-32
deleted data.	
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	
Acquire mobile device internal memory and review data containing	SPT-40
GPS longitude and latitude coordinates.	

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.,	SPT-14
PC/SC reader).	
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by	SPT-16
interface disengagement.	
Acquire SIM memory and review reported subscriber and	SPT-17
equipment related information (i.e., SPN, ICCID, IMSI,	
MSISDN).	
Acquire SIM memory and review reported Abbreviated	SPT-18
Dialing Numbers (ADN).	

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

Table 2c: Omitted Test Cases (HTC Tilt2)

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

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	SPT-14
reader).	
Attempt acquisition of a non-supported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and	SPT-17
equipment related information (i.e., SPN, ICCID, IMSI,	
MSISDN).	
Acquire SIM memory and review reported Abbreviated	SPT-18
Dialing Numbers (ADN).	
Acquire SIM memory and review reported Last Numbers	SPT-19
Dialed (LND).	
Acquire SIM memory and review reported text messages	SPT-20
(SMS, EMS).	
Acquire SIM memory and review recoverable deleted text	SPT-21
messages (SMS, EMS).	
Acquire SIM memory and review reported location related	SPT-22
data (i.e., LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported	SPT-23
data elements.	
Acquire mobile device internal memory and review reported	SPT-24
data via supported generated report formats.	

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

Table 2d: Omitted Test Cases (Nokia E71x)

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

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

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	SPT-24
review reported data via supported generated	
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
After a successful mobile device internal	SPT-29
memory, alter the case file via third-party	
means and attempt to re-open the case.	
Perform a physical acquisition and review	SPT-31
data output for readability.	
Perform a physical acquisition and review	SPT-32
reports for recoverable deleted data.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported data	
objects.	
Acquire mobile device internal memory and	SPT-40
review data containing GPS longitude and	
latitude coordinates.	

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	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and equipment	SPT-17
related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Acquire SIM memory and review reported Abbreviated Dialing Numbers	SPT-18
(ADN).	
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
(SMS, EMS).	
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	SPT-24
review reported data via supported	
generated report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
After a successful mobile device internal	SPT-29
memory, alter the case file via third-party	
means and attempt to re-open the case.	
Acquire mobile device internal memory and	SPT-33
review data containing non-ASCII	
characters.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported	
data objects.	

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	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and equipment	SPT-17
related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Acquire SIM memory and review reported Abbreviated Dialing Numbers	SPT-18
(ADN).	
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
(SMS, EMS).	
Acquire SIM memory and review reported location related data (i.e.,	SPT-22
LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported data	SPT-23
elements.	
Acquire SIM memory and review reported data via supported generated	SPT-26
report formats.	
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	SPT-30
and attempt to re-open the case.	
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted	SPT-32
data.	
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	SPT-35
an accurate count of the remaining number of PIN attempts and if the PIN	
attempts are decremented when entering an incorrect value.	
Begin acquisition on a SIM whose PIN attempts have been exhausted to	SPT-36
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.	GDE 25
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	GDT 30
Acquire SIM memory and review hash values for vendor supported data	SPT-39
objects.	CDT 40
Acquire mobile device internal memory and review data containing GPS	SPT-40

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 – not
Attempt internal memory acquisition of a non-supported mobile device.	SPT-02
Begin mobile device internal memory acquisition and interrupt	SPT-03
connectivity by interface disengagement.	
Acquire mobile device internal memory and review reported data via the	SPT-04
preview-pane or generated reports for readability.	
Acquire mobile device internal memory and review reported subscriber	SPT-05
and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).	
Acquire mobile device internal memory and review reported PIM related	SPT-06
data.	
Acquire mobile device internal memory and review reported call logs.	SPT-07
Acquire mobile device internal memory and review reported text	SPT-08
messages.	
Acquire mobile device internal memory and review reported MMS multi-	SPT-09
media related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review reported stand-alone	SPT-10
multi-media data (i.e., audio, graphics, video).	
Acquire mobile device internal memory and review application related	SPT-11
data (i.e., word documents, spreadsheet, presentation documents).	
Acquire mobile device internal memory and review Internet related data	SPT-12
(i.e., bookmarks, visited sites.	
Acquire mobile device internal memory by selecting a combination of	SPT-13
supported data elements.	
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	SPT-16
disengagement.	
Acquire SIM memory and review reported subscriber and equipment	SPT-17
related information (i.e., SPN, ICCID, IMSI, MSISDN).	
Acquire SIM memory and review reported Abbreviated Dialing Numbers	SPT-18
(ADN).	
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	SPT-24
review reported data via supported generated	
report formats.	
Acquire mobile device internal memory and	SPT-25
review reported data via the preview pane.	
Acquire mobile device internal memory and	SPT-38
review hash values for vendor supported data	
objects.	

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 multimedia 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	SPT-32
data.	
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	1	
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-02 If a cellular forensic tool attempts to connect to a non-	1	
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	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the	2	
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-05 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	3.1
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	1	
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	1	
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	1	
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	1	3.1
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 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 tand-alone audio files shall be presented in a useable format. SPT-CA-25 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-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-26 if a cellular forensi	Assertions Tested	Tests	Anomaly
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-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-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-26 If a cellular f	entries shall be presented in a useable format.		
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-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 e		1	
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-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-26 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 vi			
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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			
All" individual device data objects then the tool shall complete the		2	
*	•		
	acquisition of all individually selected data objects without error.		

Assertions Tested	Tests	Anomaly
SPT–CA–31 If a cellular forensic tool provides the user with the ability	2	
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	1	
logical acquisitions of the target device without error then the payload		
(data objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity	2	
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-	1	
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	1	
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	1	
target SIM without error then the SPN shall be presented in a useable	1	
format.		
SPT-AO-05 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the ICCID shall be presented in a useable	1	
format.		
SPT–AO–06 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the IMSI shall be presented in a useable	1	
format.		
SPT-AO-07 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the MSISDN shall be presented in a	1	
useable format.		
	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
without error then ADNs containing blank names shall be presented in a		
useable format.	<u> </u>	
SPT-AO-12 If a cellular forensic tool completes acquisition of the	1	
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	1	
target SIM without error then the corresponding date/time stamps for		

Assertions Tested	Tests	Anomaly
LNDs shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target SIM without error then location related data (i.e., GRPSLOCI)		
shall be presented in a useable format.		
SPT-AO-23 If a cellular forensic tool provides the user with an "Select	1	
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	1	
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	2	
target device / SIM 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	2	
target device / SIM 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	2	
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	1	
tool shall provide the examiner with the opportunity to input the PIN	1	
before acquisition.		
SPT–AO–29 If a cellular forensic tool provides the examiner with the	1	
remaining number of authentication attempts then the application should	1	
remaining number of admentication attempts then the appreciation 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	1	
remaining number of PUK attempts then the application should provide		
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	2	
characters then the application should present ADNs in their native		
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	2	
ASCII characters then the application should present text messages in		
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	2	
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 3b: Assertions Tested: (Blackberry Bold 9700, HTC Tilt2)

Assertions Tested: (Blackberry Bold 9700, HTC 1112)	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1	_
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-02 If a cellular forensic tool attempts to connect to a non-	1	
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	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the	2	
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-05 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	3.1
target device without error then maximum length address book entries		(Tilt2)
shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-09 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
target device without error then email addresses associated with address		
book entries shall be presented in a useable format.	ļ	
SPT-CA-12 If a cellular forensic tool completes acquisition of the	1	
target device without error then graphics associated with address book		
entries shall be presented in a useable format.	ļ	
SPT–CA–13 If a cellular forensic tool completes acquisition of the	1	
target device without error then datebook, calendar, note entries shall be	1	
presented in a useable format.		
SPT-CA-14 If a cellular forensic tool completes acquisition of the	1	
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	1	
target device without error then call logs (incoming/outgoing/missed)	1	
shall be presented in a useable format.		
SPT–CA–16 If a cellular forensic tool completes acquisition of the	1	
target device without error then the corresponding date/time stamps and	1	
the duration of the call for call logs shall be presented in a useable		
format.	ļ	
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	
target device without error then ASCII text messages (i.e., SMS, EMS)	1	
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	1	
	ļ	
text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the	1	
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	1	
target device without error then the corresponding sender / recipient	ļ	
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	1	
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	1	
target device without error then MMS messages and associated graphic		
files shall be presented in a useable format.	<u> </u>	
SPT-CA-23 If a cellular forensic tool completes acquisition of the	1	
target device without error then MMS messages and associated video		

Assertions Tested	Tests	Anomaly
shall be presented in a useable format.		
SPT-CA-24 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	3.2
target device without error then stand-alone video files shall be		(Tilt2)
presented in a useable format via either an internal application or		,
suggested third-party application.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select	2	
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	2	
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	1	
logical acquisitions of the target device without error then the payload	1	
(data objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity	2	
of the target SIM then the tool shall successfully recognize the target	2	
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-	1	
supported SIM then the tool shall notify the user that the SIM is not	1	
supported Shyr then the tool shall notify the user that the Shyr is not supported.		
SPT–AO–03 If a cellular forensic tool loses connectivity with the SIM	1	
reader then the tool shall notify the user that connectivity has been	1	
-		
disrupted. SDT AQ 04 If a callular formula tool completes acquisition of the	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	1	
format.		
	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
target SIM without error then the MSISDN shall be presented in a		
useable format.	<u> </u>	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target SIM without error then location related data (i.e., GRPSLOCI)		
shall be presented in a useable format.		
SPT-AO-23 If a cellular forensic tool provides the user with an "Select	1	
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	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	2	
target device / SIM 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	2	
target device / SIM 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	2	
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	1	
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	1	
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	1	
remaining number of PUK attempts then the application should provide		
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	2	
characters then the application should present ADNs in their native		
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of	2	
non–ASCII characters then the application should present text messages		
in their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	2	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

Table 3c: Assertions Tested: (Nokia E71x)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1	
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-02 If a cellular forensic tool attempts to connect to a non-	1	
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	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the	1	
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.		

Assertions Tested	Tests	Anomaly
SPT-CA-05 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT–CA–17 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
target device without error then the corresponding status (i.e., read,	1	
unread) for text messages shall be presented in a useable format.		
SPT–CA–20 If a cellular forensic tool completes acquisition of the	1	
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	1	
target device without error then MMS messages and associated audio	•	
shall be presented in a useable format.		
Shall be presented in a absolute formati	1	<u> </u>

Assertions Tested	Tests	Anomaly
SPT-CA-22 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	3.2
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-30 If a cellular forensic tool provides the user with a "Select	2	
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	2	
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	1	
logical acquisitions of the target device without error then the payload		
(data objects) on the mobile device shall remain consistent.		
SPT–AO–01 If a cellular forensic tool provides support for connectivity	2	
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-	1	
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	1	
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	1	
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	1	
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	1	
target SIM without error then the IMSI shall be presented in a useable		

Assertions Tested	Tests	Anomaly
format.		
SPT-AO-07 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target SIM without error then ASCII SMS text messages shall be	1	
presented in a useable format.		
SPT-AO-15 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then ASCII EMS text messages shall be	1	
presented in a useable format.		
SPT-AO-16 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding date/time stamps for all	1	
text messages shall be presented in a useable format.		
SPT–AO–17 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding status (i.e., read,	1	
unread) for text messages shall be presented in a useable format.		
SPT-AO-18 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.		
SPT–AO–19 If the cellular forensic tool completes acquisition of the	1	
target SIM without error then deleted text messages that have not been	1	
overwritten shall be presented in a useable format.		
SPT–AO–20 If a cellular forensic tool completes acquisition of the	1	
target SIM without error then location related data (i.e., LOCI) shall be	1	
presented in a useable format.		
SPT–AO–21 If a cellular forensic tool completes acquisition of the	1	
	1	
target SIM without error then location related data (i.e., GRPSLOCI)		

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	1	
All" individual SIM data objects then the tool shall complete the		ļ
acquisition of all individually selected data objects without error.		ļ
SPT–AO–24 If a cellular forensic tool provides the user with the ability	1	
to "Select Individual" SIM data objects for acquisition then the tool		ļ
shall acquire each exclusive data object without error.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the	2	
target device / SIM 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	2	
target device / SIM 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	2	
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	1	
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	1	
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	1	
remaining number of PUK attempts then the application should provide		
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	2	
characters then the application should present ADNs in their native		
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-	2	
ASCII characters then the application should present text messages in		
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	2	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

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

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1	
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-02 If a cellular forensic tool attempts to connect to a non-	1	
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	1	
forensic tool is disrupted then the tool shall notify the user that		

Assertions Tested	Tests	Anomaly
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the	2	
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-05 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target device without error then ASCII text messages (i.e., SMS, EMS)		
shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-18 If a cellular forensic tool completes acquisition of the	1	•
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target device without error then stand-alone audio files shall be	1	
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	1	
target device without error then stand-alone graphic files shall be	1	
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	1	
target device without error then stand-alone video files shall be	1	
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	1	
target device without error then device specific application related data	1	
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	1	
target device without error then Internet related data (i.e., bookmarks,	1	
visited sites) cached to the device shall be acquired and presented in a		
useable format.		
SPT-CA-30 If a cellular forensic tool provides the user with a "Select	2	
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	2	
to "Select Individual" device data objects for acquisition then the tool	~	
shall acquire each exclusive data objects without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive	1	
51 1-CA-32 II a centulai 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	1	
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	1	
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	1	
third–party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT-AO-31 If the cellular forensic tool supports a physical acquisition	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
video files present on the target device then the tool shall report		
recoverable active and deleted video file data or video file data remnants		

Assertions Tested	Tests	Anomaly
in a useable format.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	1	
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-	1	
ASCII characters then the application should present text messages in		
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	1	
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	1	
data then the tool shall present the user with the longitude and latitude		
coordinates for all GPS-related data in a useable format.		

Table 3e: Assertions Tested: (Blackberry 9630)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1	
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-02 If a cellular forensic tool attempts to connect to a non-	1	
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	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the	2	
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-05 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	
target device without error then address book entries containing special		
characters shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-10 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
target device without error then stand–alone audio files shall be		

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	1	
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	1	
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	1	
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	1	
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-30 If a cellular forensic tool provides the user with a "Select	2	
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	2	
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	1	
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	1	
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	1	
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	1	
third-party means then the tool shall provide protection mechanisms		
disallowing or reporting data modification.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII	1	
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-	1	
ASCII characters then the application should present text messages in		
their native format.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

Table 3f: Assertions Tested: (Samsung Moment)

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

Table 3g: Assertions Tested: (Palm pixi)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1	
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-02 If a cellular forensic tool attempts to connect to a non-	1	
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	1	
forensic tool is disrupted then the tool shall notify the user that		
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the	2	
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-05 If a cellular forensic tool completes acquisition of the	1	3.4
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	1	
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	1	
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	1	3.1
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	1	
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	1	
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	1	3.1
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	1	3.1
target device without error then graphics associated with address book		

Assertions Tested	Tests	Anomaly
entries shall be presented in a useable format.		
SPT-CA-13 If a cellular forensic tool completes acquisition of the	1	
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	1	
target device without error then maximum length datebook, calendar,		
note entries shall be presented in a useable format.		
SPT-CA-24 If a cellular forensic tool completes acquisition of the	1	
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	1	
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	1	
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-30 If a cellular forensic tool provides the user with a "Select	2	
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	2	
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	1	
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	1	
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	1	
target device without error then the tool shall present the acquired data		
in a useable format in a preview-pane view.		
SPT-AO-43 If the cellular forensic tool supports hashing for individual	1	
data objects then the tool shall present the user with a hash value for		
each supported data object.		

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)

- 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

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)

- 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

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

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)

- 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
- 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

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

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

- 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

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

- 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
- 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

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

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

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

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)

- 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–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.

- 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
- 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.

- 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® CoreTM2 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	SPT-01 Acquire mobile device internal memory over tool-support	ted interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	SPT-CA-01 If a cellular forensic tool provides support for content the target device then the tool shall successfully recognize device via all vendor supported interfaces (e.g., cable, Blue SPT-CA-04 If a cellular forensic tool completes acquisition or device without error then the tool shall have the ability to pacquired data objects in a useable format via either a previet generated report. SPT-CA-30 If a cellular forensic tool provides the user with individual device data objects then the tool shall complete the of all individually selected data objects without error. SPT-CA-31 If a cellular forensic tool provides the user with "Select Individual" device data objects for acquisition then acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecuting acquisitions of the target device without error then the paylo objects) on the mobile device shall remain consistent.	the target tooth, IrDA). f the target present w-pane or a "Select All" he acquisition the ability to the tool shall we logical	
m			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Mar 22 09:59:12 EDT 2010		
Device:	iPhone3Gs		
Source	OS: WIN XP		
Setup:	Interface: cable		
Fod Pergh:	Created by CelleBrite Version 1.1.3.3		
Highlights:	Acquisition started: Mon Mar 22 09:59:12 EDT 2010		
migningnes.	Acquisition finished: Mon Mar 22 10:58:59 EDT 2010		
	nequibition limibiled. Non har 22 10.30.35 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	as expected	
	supported reports.	-	
	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	as expected	
	payload for modifications.	-	
Analysis:	Expected results achieved		
	<u> </u>		

5.2.2 SPT-02 (iPhone 3Gs)

Test Case SPT-02 CelleBrite Version 1.1.3.3		
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile	
Summary:	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 successf	ul
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	SPT-03 Begin mobile device internal memory acquisition and	interrupt	
Summary:	connectivity by interface disengagement.		
Assertions:	SPT-CA-03 If connectivity between the mobile device and ce		
	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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-04 Acquire mobile device internal memory and review reported data via	
Summary:	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	Rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Mar 22 12:16:45 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 successfu	1		
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-	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	OS: WIN XP				
Setup:	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	SPT-06 Acquire mobile device internal memory and review reported PIM		
Summary:	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 without error then graphics associated with address book entries device without error then graphics associated with address book entries		

Test Case SPT	-06 CelleBrite Version 1.1.3.3	
	shall be presented in a useable format.	
	SPT-CA-13 If a cellular forensic tool completes acquisition of	
	device without error then datebook, calendar, note entries sh	nall be
	presented in a useable format.	-
	SPT-CA-14 If a cellular forensic tool completes acquisition device without error then maximum length datebook, calendar,	
	shall be presented in a useable format.	note entites
	biall be presented in a ascable format.	
Tester Name:	Rpa	
Test Host:	Morrisy	
Test Date:	Mon Mar 22 12:39:10 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 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	red.
	All PIM related data was acquired	cu
	mir rim related data was degarred	
	Notes:	
	Maximum length address book entries were truncated after 125	characters in
	the preview pane view. The generated report displayed all cha	aracters. 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 du	ımp.
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	Not as
	entries.	expected
	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	
	SPT-CA-10 Acquisition of address book entries containing a	as expected
	blank name entry.	
	SPT-CA-11 Acquisition of embedded email addresses within	as expected
	address book entries.	
	SPT-CA-12 Acquisition of embedded graphics within address	Not as
	book entries.	expected
	SPT-CA-13 Acquisition of PIM data (i.e.,	NA
	datebook/calendar, notes). SPT-CA-14 Acquisition of maximum length PIM data.	NA
	DEL-CA-14 ACQUIDICION OF MAXIMUM TENGCH PIM data.	TAN
Analysis:	Expected results NOT achieved	

5.2.7 SPT-07 (iPhone 3Gs)

Test Case SPT	-07 CelleBrite Version 1.1.3.3
Case	SPT-07 Acquire mobile device internal memory and review reported call logs.
Summary:	
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.

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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	•
Highlights:	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)

	-08 CelleBrite Version 1.1.3.3	
Case	SPT-08 Acquire mobile device internal memory and review repo	rted text
Summary:	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	OS: WIN XP	
Setup:	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	SPT-10 Acquire mobile device internal memory and revi	ew reported stand-
Summary:	alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acqui device without error then stand-alone audio files sha useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acqui device without error then stand-alone graphic files s useable format via either an internal application or application. SPT-CA-26 If a cellular forensic tool completes acqui device without error then stand-alone video files sha useable format via either an internal application or application.	sition of the target ll be presented in a suggested third-party sition of the target hall be presented in a suggested third-party sition of the target ll be presented in a
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Mar 22 14:10:13 EDT 2010	
Device:	iPhone3Gs	
Source	OS: WIN XP	
Setup:	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	SPT-12 Acquire mobile device internal memory and review Internet related
Summary:	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	OS: WIN XP	
Setup:	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 selecti 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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	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	rpa	
Name:		
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	OS: WIN XP	
Setup:	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 inter	face
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	SPT-15 Attempt acquisition of a non-supported SIM.	
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.	
	Supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Mar 22 14:36:27 EDT 2010	
Device:	SIM	
Source	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	SPT-16 Begin SIM acquisition and interrupt connectivity by interface
Summary:	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	OS: WIN XP
Setup:	Interface: UFED
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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 successfu	1
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-03 Notification of SIM acquisition disruption.	as expected
Analysis:	Expected results achieved	

5.2.15 SPT-17 (iPhone 3Gs)

Test Case SPT-	-17 CelleBrite Version 1.1.3.3		
Case	SPT-17 Acquire SIM memory and review reported subscriber and equipment		
Summary:	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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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:			
	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		

5.2.16 SPT-18 (iPhone 3Gs)

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Test Case SPT	-18 CelleBrite Version 1.1.3.3
Case	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers
Summary:	(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	OS: WIN XP	
Setup:	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

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:		
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	-
	SIM without error then the corresponding date/ti	me 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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Tue Mar 23 07:31:58 EDT 201	
	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-A0-12 Acquisition of LNDs.	as expected
	SPT-A0-13 Acquisition of LND date/time stamps.	as expected
Analysis:	Expected results achieved	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

5.2.18 SPT-20 (iPhone 3Gs)

Test Case SPT	-20 CelleBrite Version 1.1.3.3
Case	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Summary:	
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 SIM without error then ASCII EMS text messages shall be presuseable format. SPT-AO-16 If a cellular forensic tool completes acquisition SIM without error then the corresponding date/time stamps for messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition SIM without error then the corresponding status (i.e., read, text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition SIM without error then the corresponding sender / recipient for text messages shall be presented in a useable format.	ented in a of the target r all text of the target unread) for of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Mar 23 07:49:35 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	
THICKTY DID.	I hapeceda repareb actifeved	

5.2.19 SPT-21 (iPhone 3Gs)

Test Case SPT	-21 CelleBrite Version 1.1.3.3	
Case	SPT-21 Acquire SIM memory and review recoverable deleted text messages	
Summary:	(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 b	een 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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	as expected
	messages.	
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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Tue Mar 23 08:30:03 EDT 201	
	Acquisition finished: Tue Mar 23 08:32:35 EDT 20 LOCI data was acquired GPRSLOCI data - NA	10
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-20 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	SPT-23 Acquire SIM memory by selecting a combination of supported data
Summary:	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	rpa
Name:	
Test Host:	Morrisy
Test Date:	Mon Mar 22 14:41:26 EDT 2010
Device:	ATT_SIM
Source	OS: WIN XP
Setup:	Interface: UFED
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	Acquisition started: Mon Mar 22 14:41:26 EDT 2010
	Acquisition finished: Mon Mar 22 14:41:35 EDT 2010

Test Case SF	PT-23 CelleBrite Version 1.1.3.3	
	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
		<u> </u>
Analysis:	Expected results achieved	

5.2.22 SPT-24 (iPhone 3Gs)

Test Case SPT	-24 CelleBrite Version 1.1.3.3	
Case	SPT-24 Acquire mobile device internal memory and review repo	rted data via
Summary:	supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquire 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	OS: WIN XP	
Setup:	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:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	
whatlers.	Expected results achieved	

5.2.23 SPT-25 (iPhone 3Gs)

Test Case SPT-	-25 CelleBrite Version 1.1.3.3
Case	SPT-25 Acquire mobile device internal memory and review reported data via
Summary:	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	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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
	complete representation of known data via preview-pane was successful

Test Case SP	T-25 CelleBrite Version 1.1.3.3	
Results:		
Assertic	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	SPT-26 Acquire SIM memory and review reported data via supported generated	
Summary:	report formats.	
Assertions:	ns: 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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	ghts: 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	as expected
	generated reports.	
Analysis:	Expected results achieved	

5.2.25 SPT-27 (iPhone 3Gs)

Test Case SPT	Test Case SPT-27 CelleBrite Version 1.1.3.3		
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the p	preview-pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition without error then the tool shall present the acquired data 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	ATT_SIM	
Source	OS: WIN XP	OS: WIN XP	
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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 s	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	OS: WIN XP
Setup:	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 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	SPT-29 After a successful mobile device internal memory, alter the case	
Summary:	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 protecti	on 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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 succes	sful
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	SPT-30 After a successful SIM acquisition, alter the cas	se file via third-
Summary:	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	n 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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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:		
1100 41 00	Assertion & Expected Result	Actual Result
	_	as expected
Analysis:	Expected results achieved	

5.2.29 SPT-33 (iPhone 3Gs)

Test Case SPT	-33 CelleBrite Version 1.1.3.3	
Case	SPT-33 Acquire mobile device internal memory and review d	ata containing
Summary:	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	OS: WIN XP	
Setup:	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 Ve	rsion 1.1.3.3
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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	OS: WIN XP	
Setup:	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	OS: WIN XP	
Setup:	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	
Results:	The remaining number of PIN attempts were properly di	splayed
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	OS: WIN XP	
Setup:	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 displa	yed
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	SPT-38 Acquire mobile device internal memory and review hash values for	
Summary:	vendor supported data objects.	
Assertions:	SPT-A0-43 If the cellular forensic tool supports hashing for	
	data objects then the tool shall present the user with a has	h 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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	l device data
	elements	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

5.2.34 SPT-39 (iPhone 3Gs)

Test Case SPT-	Test Case SPT-39 CelleBrite Version 1.1.3.3	
Case	SPT-39 Acquire SIM memory and review hash values for vendor supported data	
Summary:	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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	hts: 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 acquielements	red SIM data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-43 Acquire data, check known hash values for	as expected
	consistency.	
Analysis:	Expected results achieved	

5.2.35 SPT-40 (iPhone 3Gs)

Test Case SPT	-40 CelleBrite Version 1.1.3.3	
Case	SPT-40 Acquire mobile device internal memory and review data containing GPS	
Summary:	longitude and latitude coordinates.	
Assertions:	SPT-AO-44 If the cellular forensic tool supports acquisit	ion of GPS data
	then the tool shall present the user with the longitude as	nd 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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 coordi	nates) 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	SPT-01 Acquire mobile device internal memory over tool-supported interfaces
Summary:	(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	OS: WIN XP	
Setup:	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	SPT-02 Attempt internal memory acquisition of a non-supported mobile	
Summary:	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	OS: WIN XP	
Setup:	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	ul
Results:	Assertion & Expected Result SPT-CA-02 Identification of non-supported devices.	Actual Result as expected

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

5.2.38 SPT-03 (Blackberry Bold 9700)

Case 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 Source Source Source OS: WIN XP Interface: cable 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 SPT-CA-03 Notification of device acquisition disruption. as expected Analysis: Expected results achieved	Test Case SPT-	-03 CelleBrite Version 1.1.3.3
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 OS: WIN XP Setup: Interface: cable Log 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 SPT-CA-03 Notification of device acquisition disruption. as expected	Case	
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 OS: WIN XP Setup: Interface: cable Log 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 SPT-CA-03 Notification of device acquisition disruption. as expected	Summary:	connectivity by interface disengagement.
Tester Name: rpa Test Host: Morrisy Test Date: Wed Mar 24 08:08:56 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable Log Created by CelleBrite Version 1.1.3.3 Highlights: 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 SPT-CA-03 Notification of device acquisition disruption. as expected	Assertions:	
Tester Name: rpa Test Host: Morrisy Test Date: Wed Mar 24 08:08:56 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable Log 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		
Test Host: Morrisy Test Date: Wed Mar 24 08:08:56 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable Log 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		been disrupted.
Test Date: Wed Mar 24 08:08:56 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable Log 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	Tester Name:	rpa
Device: unsupported_device Source	Test Host:	Morrisy
Source Setup: 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 SPT-CA-03 Notification of device acquisition disruption. as expected	Test Date:	Wed Mar 24 08:08:56 EDT 2010
Setup: Interface: cable Log	Device:	unsupported_device
Log 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 SPT-CA-03 Notification of device acquisition disruption. as expected	Source	OS: WIN XP
Highlights: 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 SPT-CA-03 Notification of device acquisition disruption. as expected	Setup:	Interface: cable
Acquisition finished: Wed Mar 24 08:12:27 EDT 2010 Device acquisition disruption notification was successful Results: Assertion & Expected Result SPT-CA-03 Notification of device acquisition disruption. as expected	Log	Created by CelleBrite Version 1.1.3.3
Device acquisition disruption notification was successful Results: Assertion & Expected Result SPT-CA-03 Notification of device acquisition disruption. as expected	Highlights:	-
Results: Assertion & Expected Result SPT-CA-03 Notification of device acquisition disruption. as expected		Acquisition finished: Wed Mar 24 08:12:27 EDT 2010
Results: Assertion & Expected Result SPT-CA-03 Notification of device acquisition disruption. as expected		
Assertion & Expected Result SPT-CA-03 Notification of device acquisition disruption. as expected		Device acquisition disruption notification was successful
SPT-CA-03 Notification of device acquisition disruption. as expected	Results:	
		Assertion & Expected Result Actual Result
Analysis: Expected results achieved		SPT-CA-03 Notification of device acquisition disruption. as expected
Analysis: Expected results achieved		
	Analysis:	Expected results achieved

5.2.39 SPT-04 (Blackberry Bold 9700)

Test Case SDT	-04 CelleBrite Version 1.1.3.3	
Case Summary: Assertions:	SPT-04 Acquire mobile device internal memory and review reported data via the preview-pane or generated reports for readability. 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	OS: WIN XP	
Setup:	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)

Total Com	-05 CelleBrite Version 1.1.3.3		
Case	SPT-05 Acquire mobile device internal memory and review reported subscriber		
Summary:	and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).		
Assertions:	SPT-CA-05 If a cellular forensic tool com	-	_
	device without error then subscriber-relation	ted information s	shall be presented
	in a useable format.		
	SPT-CA-06 If a cellular forensic tool com		
	device without error then equipment relate	ed information sh	nall 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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	e., MSISDN, IMEI)) were acquired
Results:		T	1
	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	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	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 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	OS: WIN XP
Setup:	Interface: cable

Test Case SPT	-06 CelleBrite Version 1.1.3.3	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 du	ımp.
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	as expected
	entries.	
	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	
	SPT-CA-10 Acquisition of address book entries containing a	as expected
	blank name entry.	
	SPT-CA-11 Acquisition of embedded email addresses within	as expected
	address book entries. SPT-CA-12 Acquisition of embedded graphics within address	
	SPI-CA-12 Acquisition of embedded graphics within address	as expected
	SPT-CA-13 Acquisition of PIM data (i.e.,	as expected
	datebook/calendar, notes).	as expected
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
	bir on it hequipicion of maximum rengenting data.	ab capected
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 revi	
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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 acqui All Call Log date/time stamps data were correctly rep	
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	
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Test Case SPT	-08 CelleBrite Version 1.1.3.3	
Case	SPT-08 Acquire mobile device internal memory and review repo	rted text
Summary:	messages.	
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition device without error then ASCII text messages (i.e., SMS, EM presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition device without error then the corresponding status (i.e., re text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition device without error then the corresponding sender / recipie numbers for text messages shall be presented in a useable fo	S) shall be of the target for text of the target ad, unread) for of the target nt phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 24 08:50:39 EDT 2010	
Device:	Blackberry_Bold9700	
Source	OS: WIN XP	
Setup:	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 mess 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
7 1 i - ·	Thursday was the parking and	
Analysis:	Expected results achieved	

5.2.44 SPT-09 (Blackberry Bold 9700)

Test Case SPT-	-09 CelleBrite Version 1.1.3.3	
Case	SPT-09 Acquire mobile device internal memory and review reported MMS multi-	
Summary:	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Wed Mar 24 09:00:58 EDT 2010	
	Acquisition finished: Wed Mar 24 09:02:27 EDT 2010	

	ALL MMS messages (Audio, Image, Video) were acquired Notes: Acquisition of MMS text data was acquired by performin Associated graphics, audio and video were acquired and	J 1 1
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages. SPT-CA-22 Acquisition of graphic data image MMS messages.	as expected as expected
	SPT-CA-23 Acquisition of video MMS messages.	as expected

5.2.45 SPT-10 (Blackberry Bold 9700)

Test Case SPT	-10 CelleBrite Version 1.1.3.3	
Case	SPT-10 Acquire mobile device internal memory and review reported stand-	
Summary:	alone multi-media data (i.e., audio, graphics, video).	
Assertions:	SPT-CA-24 If a cellular forensic tool completes acqui device without error then stand-alone audio files sha useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acqui device without error then stand-alone graphic files s useable format via either an internal application or application. SPT-CA-26 If a cellular forensic tool completes acqui device without error then stand-alone video files sha useable format via either an internal application or application.	ll be presented in a suggested third-party sition of the target hall be presented in a suggested third-party sition of the target ll be presented in a
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Mar 24 09:04:10 EDT 2010	
Device:	Blackberry_Bold9700	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	SPT-11 Acquire mobile device internal memory and review application related
Summary:	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	OS: WIN XP	
Setup:	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	SPT-12 Acquire mobile device internal memory and review Internet related		
Summary:	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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	Test Case SPT-13 CelleBrite Version 1.1.3.3	
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of	
Summary:	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	OS: WIN XP	
Setup:	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-30 Select-All data objects acquisition. SPT-CA-31 Select-Individual data objects acquisition.	as expected as expected
	SFI-CA-31 Select-individual data Objects acquisition.	as expected
Analysis:	Expected results achieved	

5.2.49 SPT-14 (Blackberry Bold 9700)

Test Case SP1	T-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 the target SIM then the tool shall successfully recogn via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	ize the target SIM
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	SPT-15 Attempt acquisition of a non-supported SIM.
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:	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 SPT-AO-02 Identification of non-supported SIMs.	Actual Result 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	SPT-16 Begin SIM acquisition and interrupt connectivity by interface		
Summary:	disengagement.		
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivit	y with the SIM	
	reader then the tool shall notify the user that connect	ivity has been	
	disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Mar 24 09:23:02 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-17 Acquire SIM memory and review reported subscriber and equipment
Summary:	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	OS: WIN XP
Setup:	Interface: UFED
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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 0	9:26:03 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	•	

5.2.53 SPT-18 (Blackberry Bold 9700)

Test Case SPT-	-18 CelleBrite Version 1.1.3.3	
Case	SPT-18 Acquire SIM memory and review reported Abbr	eviated Dialing Numbers
Summary:	(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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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:		
	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	

5.2.54 SPT-19 (Blackberry Bold 9700)

Test Case SPT	Test Case SPT-19 CelleBrite Version 1.1.3.3	
Case	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).	
Summary:		
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	OS: WIN XP	
Setup:	Interface: UFED	
Log Highlights:	Created by CelleBrite Version 1.1.3.3 Acquisition started: Wed Mar 24 09:27:37 EDT 201 Acquisition finished: Wed Mar 24 09:28:24 EDT 20 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	SPT-20 Acquire SIM memory and review reported text messages	(SMS, EMS).
Summary:		
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	OS: WIN XP	
Setup:	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	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	SPT-21 Acquire SIM memory and review recoverable deleted to	ext messages
Summary:	(SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisiting SIM without error then deleted text messages that have not 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	OS: WIN XP	
Setup:	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 SPI	-23 CelleBrite Version 1.1.3.3	
Case	SPT-23 Acquire SIM memory by selecting a combination of	supported data
Summary:	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	OS: WIN XP	
Setup:	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-A0-01 SIM connectivity via supported interfaces.	as expected
	SPT-AO-23 Select-All data objects acquisition.	as expected
	SPT-A0-24 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	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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 SPI	7-24 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	SPT-25 Acquire mobile device internal memory and review rep	orted data via
Summary:	the preview pane.	
Assertions:	SPT-A0-26 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquir 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	OS: WIN XP	
Setup:	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	SPT-26 Acquire SIM memory and review reported data via suppor	rted generated
Summary:	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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	as expected
	generated reports.	

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

5.2.62 SPT-27 (Blackberry Bold 9700)

<u> </u>			
Test Case SPT-27 CelleBrite Version 1.1.3.3			
SPT-27 Acquire SIM memory and review reported data via the preview-pane.			
SPT-A0-26 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.			
-			
*			
ATT_SIM			
OS: WIN XP			
Interface: UFED			
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			
Assertion & Expected Result	Actual		
	Result		
SPT-AO-26 Comparison of known device data elements via	as expected		
preview-pane.			
Expected results achieved			
	SPT-27 Acquire SIM memory and review reported data via the p SPT-AO-26 If a cellular forensic tool completes acquisition without error then the tool shall present the acquired data format in a preview-pane view. rpa Morrisy Wed Mar 24 09:41:55 EDT 2010 ATT_SIM OS: WIN XP Interface: UFED 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 s Assertion & Expected Result SPT-AO-26 Comparison of known device data elements via preview-pane.		

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 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	SPT-29 After a successful mobile device internal memory, alter the case		
Summary:	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	on 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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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 success	sful	
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	SPT-30 After a successful SIM acquisition, alter the case file via third-		
Summary:	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 protecti	on 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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-33 Acquire mobile device internal memory and review data containing	
Summary:	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-A0-41 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 native format.	ct messages in their
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)

1	(
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	OS: WIN XP	
Setup:	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	OS: WIN XP	
Setup:	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	SPT-38 Acquire mobile device internal memory and review hash values for	
Summary:	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 acquir elements	ed device data
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	SPT-01 Acquire mobile device internal memory over tool-supported interfaces			
Summary:	(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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-02 Attempt internal memory acquisition of a non-supported mobile				
Summary:	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.				
The set of Manage					
Tester Name:	rpa				
Test Host:	Morrisy				
Test Date:	Wed Mar 24 13:24:52 EDT 2010				
Device:	unsupported_device				
Source	OS: WIN XP				
Setup:	Interface: cable				
Log	Created by CelleBrite Version 1.1.3.3				
Highlights:	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 R	esult			
	SPT-CA-02 Identification of non-supported devices. as expect	ed			
Analysis:	Expected results achieved				

5.2.74 SPT-03 (HTC Tilt2)

Test Case SPT-	-03 CelleBrite Version 1.1.3.3	
Case	SPT-03 Begin mobile device internal memory acquisition and	interrupt
Summary:	connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and ce	
	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 SPI	-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	OS: WIN XP	
Setup:	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 SPT-CA-04 Readability and completeness of acquired data via supported reports.	Actual Result as expected
Analysis:	Expected results achieved	

5.2.76 SPT-05 (HTC Tilt2)

Test Case SPT-	-05 CelleBrite Version 1.1.3.3
Case	SPT-05 Acquire mobile device internal memory and review reported subscriber
Summary:	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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	Acquisition started: Thu Mar 25 09:42:35		
	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	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	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 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	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	Acquisition started: Thu Mar 25 09:47:58 EDT 2010 Acquisition finished: Thu Mar 25 10:03:48 EDT 2010

	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:	
Results:	The "middle name" field for address book entries is not repo	rted.
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	OS: WIN XP		
Setup:	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:		T	
	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)

I.	-08 CelleBrite Version 1.1.3.3		
Case	SPT-08 Acquire mobile device internal memory and review report	cted text	
Summary:	messages.		
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition device without error then ASCII text messages (i.e., SMS, EMS presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition device without error then the corresponding status (i.e., restext messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition device without error then the corresponding sender / recipier numbers for text messages shall be presented in a useable for	of the target for text of the target ad, unread) for the target phone	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Mar 25 10:30:07 EDT 2010		
Device:	HTC_Tilt2		
Source	OS: WIN XP		
Setup:	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 correctly reported	ages were	
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		
4			

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 multimedia 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	OS: WIN XP
Setup:	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. Assignaphics, audio and video were acquired and reported.	sociated	
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)

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Test Case SPT	-10 CelleBrite Version 1.1.3.3		
Case	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	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	rpa		
Name:	124		
Test Host:	Morrisy		
Test Date:	Thu Mar 25 10:36:28 EDT 2010		
Device:	HTC_Tilt2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Tod	Created by CelleBrite Version 1.1.3.3		
Highlights:	Acquisition started: Thu Mar 25 10:36:28 EDT 2010		
3 3	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:			
kesults:	Daniel and Brown by Brown	2-1	
	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	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	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	OS: WIN XP		
Setup:	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		
	Individual duod elemene de-falbielen was buccessial		
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 the target SIM then the tool shall successfully recogn via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	ize the target SIM
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Mar 24 13:35:57 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	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 inter	face
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-1	CelleBrite	Version	1.1.3.3	
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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 SPT-A0-02 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	SPT-16 Begin SIM acquisition and interrupt connectivity by interface	
Summary:	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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	SPT-17 Acquire SIM memory and review reported subscriber and equipment
Summary:	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 to SIM without error then the MSISDN s	_	-
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 Acquisition started: Wed Mar 24 13: Acquisition finished: Wed Mar 24 13 All subscriber-related data (i.e.,	40:26 EDT 2010 ::42:20 EDT 2010	., 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-A0-07 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	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers	
Summary:	(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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	OS: WIN XP	
Setup:	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	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Summary:	
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	OS: WIN XP
Setup:	Interface: UFED
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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

	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-A0-18 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	SPT-21 Acquire SIM memory and review recoverable deleted text messages	
Summary:	(SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition SIM without error then deleted text messages that have not be 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	OS: WIN XP	
Setup:	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:		
Resures.	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-	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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	
1		_	
Analysis:	Expected results achieved		

5.2.92 SPT-23 (HTC Tilt2)

Test Case SPT	-23 CelleBrite Version 1.1.3.3		
Case	SPT-23 Acquire SIM memory by selecting a combination of supported data		
Summary:	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	OS: WIN XP		
Setup:	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:			
Kesuits.	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-A0-24 Select-Individual data objects acquisition.	as expected	
	Bri-No-24 Beleet-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	SPT-24 Acquire mobile device internal memory and review reported data via		
Summary:	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	OS: WIN XP	
Setup:	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	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	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	OS: WIN XP	
Setup:	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	SPT-26 Acquire SIM memory and review reported data via supported generated
Summary:	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	OS: WIN XP
Setup:	Interface: UFED
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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 t	was successful
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-25 Comparison of known device data elements via	as expected
	generated reports.	
		_
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	OS: WIN XP	
Setup:	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	OS: WIN XP
Setup:	Interface: UFED
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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	<u>-</u>
Device:	HTC_Tilt2	
Source	OS: WIN XP	
Setup:	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	SPT-30 After a successful SIM acquisition, alter the case file via third-		
Summary:	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 protecti	on 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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-33 Acquire mobile device internal memory and review data	a containing
Summary:	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	OS: WIN XP	
Setup:	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-A0-40 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	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.		
Summary:			
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	OS: WIN XP		
Setup:	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-A0-40 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	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	OS: WIN XP		
Setup:	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 di	splayed	
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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 displa	yed
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	SPT-38 Acquire mobile device internal memory and review hash values for	
Summary:	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	OS: WIN XP	
Setup:	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	Test Case SPT-39 CelleBrite Version 1.1.3.3		
Case	SPT-39 Acquire SIM memory and review hash values for vendor supported data		
Summary:	objects.		
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for		
	data objects then the tool shall present the user with a has	h 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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	as expected	
	consistency.		
Analysis:	Expected results achieved	·	

5.2.106 SPT-01 (Nokia E71x)

Test Case SPT-01 CelleBrite Version 1.1.3.3		
Case	SPT-01 Acquire mobile device internal memory over tool-supported interfaces	
Summary:	(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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	SPT-02 Attempt internal memory acquisition of a non-supported mobile		
Summary:	device.		
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to co		
	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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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		
** ************************************	intorrunt	
•		
-	connectivity has	
been disrupted.		
rpa		
Morrisy		
Thu Mar 25 14:20:30 EDT 2010		
Nokia_E71x		
OS: WIN XP		
Interface: cable		
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		
•		
Assertion & Expected Result	Actual Result	
SPT-CA-03 Notification of device acquisition disruption.	as expected	
* *		
Expected results achieved		
	SPT-03 Begin mobile device internal memory acquisition and connectivity by interface disengagement. SPT-CA-03 If connectivity between the mobile device and cetool is disrupted then the tool shall notify the user that been disrupted. rpa Morrisy Thu Mar 25 14:20:30 EDT 2010 Nokia_E71x OS: WIN XP Interface: cable 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	

5.2.109 SPT-05 (Nokia E71x)

Test Case SPT-05 CelleBrite Version 1.1.3.3			
Case	SPT-05 Acquire mobile device internal memory and review reported subscriber		
Summary:	and equipment related information (e.g., IMEI/MEID/ESN, MSISDN).		
Assertions:	SPT-CA-05 If a cellular forensic tool com		
	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 relate	ed 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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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 repor related data.	ted PIM
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition o	f the target
	device without error then address book entries shall be prese	nted in a
	useable format.	
	SPT-CA-08 If a cellular forensic tool completes acquisition o	
	device without error then maximum length address book entries	shall be
	presented in a useable format.	5 . 1
	SPT-CA-09 If a cellular forensic tool completes acquisition o	
	device without error then address book entries containing spe characters shall be presented in a useable format.	Clai
	SPT-CA-10 If a cellular forensic tool completes acquisition o	f the target
	device without error then address book entries containing bla	
	be presented in a useable format.	
	SPT-CA-11 If a cellular forensic tool completes acquisition o	
	device without error then email addresses associated with add	ress book
	entries shall be presented in a useable format.	£ +b- +
	SPT-CA-12 If a cellular forensic tool completes acquisition o device without error then graphics associated with address bo	
	shall be presented in a useable format.	OK ENCLIES
	SPT-CA-13 If a cellular forensic tool completes acquisition o	f the target
	device without error then datebook, calendar, note entries sh	_
	presented in a useable format.	
	SPT-CA-14 If a cellular forensic tool completes acquisition o	
	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Fri Mar 26 07:06:27 EDT 2010 Acquisition finished: Fri Mar 26 07:12:07 EDT 2010	
	Acquisition limished. Fit Mar 20 07:12:07 EDI 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	3 = + = 1
	Assertion & Expected Result	Actual Result
	SPT-CA-07 Acquisition of address book entries.	as expected
	SPT-CA-08 Acquisition of maximum length address book	as expected
	entries.	
	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	
	SPT-CA-10 Acquisition of address book entries containing a	as expected
	blank name entry.	ag armestad
	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected
	SPT-CA-12 Acquisition of embedded graphics within address	as expected
	book entries.	
	SPT-CA-13 Acquisition of PIM data (i.e.,	NA
	datebook/calendar, notes).	
	SPT-CA-14 Acquisition of maximum length PIM data.	NA
Analysis:	Expected results achieved	
what Aprel .	Expected results achieved	

5.2.111 SPT-08 (Nokia E71x)

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

Test Case SPT	-08 CelleBrite Version 1.1.3.3	
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of device without error then ASCII text messages (i.e., SMS, EMS presented in a useable format. SPT-CA-18 If a cellular forensic tool completes acquisition of device without error then the corresponding date/time stamps messages shall be presented in a useable format. SPT-CA-19 If a cellular forensic tool completes acquisition of device without error then the corresponding status (i.e., real text messages shall be presented in a useable format. SPT-CA-20 If a cellular forensic tool completes acquisition of device without error then the corresponding sender / recipien numbers for text messages shall be presented in a useable format.) shall be f the target for text f the target d, unread) for f the target t phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 26 07:15:14 EDT 2010	
Device:	Nokia_E71x	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 messacorrectly reported Notes: Time stamps are reported in GMT.	ges were
Results:		T T
	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	SPT-09 Acquire mobile device internal memory and review reported MMS multi-
Summary:	-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	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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. Ass	sociated	
	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	as expected	
	messages.		
	SPT-CA-23 Acquisition of video MMS messages.	as expected	
Analysis:	Expected results achieved		

5.2.113 SPT-10 (Nokia E71x)

Seminary: SPT-10 Acquire mobile device internal memory and review reported standalone multi-media data (i.e., audio, graphics, video). Absertions: 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	Test Case SPT	-10 CelleBrite Version 1.1.3.3		
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: Test Host: Test Host: Morrisy Test Date: Fri Mar 26 07:26:50 EDT 2010 Device: Nokia_E71x Source OS: WIN XP Setup: Interface: cable Log 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 Acquisition started: Fri Mar 26 07:29:47 EDT 2010 Acquisition finished: Fri Mar 26 07:29:47 EDT 2010 Acquisition finished: Fri Mar 26 07:29:47 EDT 2010 Results: Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected	Case	SPT-10 Acquire mobile device internal memory and review reported stand-		
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 rpa Name: Test Host: Morrisy Test Date: Pri Mar 26 07:26:50 EDT 2010 Device: Nokia_E71x Source OS: WIN XP Setup: Interface: cable Log Created by CelleBrite Version 1.1.3.3 Acquisition finished: Fri Mar 26 07:29:47 EDT 2010 Acquisition finished: Fri Mar 26 07:29:47 EDT 2010 Audio files were acquired	Summary:	alone multi-media data (i.e., audio, graphics, video).		
Name: Test Host: Morrisy Test Date: Fri Mar 26 07:26:50 EDT 2010 Device: Nokia_E71x Source OS: WIN XP Setup: Interface: cable Log Created by CelleBrite Version 1.1.3.3 Highlights: 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected	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		
Test Host: Morrisy Test Date: Fri Mar 26 07:26:50 EDT 2010 Device: Nokia_E71x Source OS: WIN XP Setup: Interface: cable Log 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected		rpa		
Test Date: Fri Mar 26 07:26:50 EDT 2010 Device: Nokia_E71x Source OS: WIN XP Setup: Interface: cable Log 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected				
Device: Nokia_E71x Source Setup: 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected		-		
Source Setup: 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected				
Setup: 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected				
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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected				
Highlights: 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected	-			
Image files were acquired Video files were partially acquired Note: Video files of type flv were not acquired. Results: Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected	_	Acquisition started: Fri Mar 26 07:26:50 EDT 2010 Acquisition finished: Fri Mar 26 07:29:47 EDT 2010		
Video files were partially acquired Note: Video files of type flv were not acquired. Results: Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected				
Note: Video files of type flv were not acquired. Results: Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected				
Assertion & Expected 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-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected	Results:			
SPT-CA-25 Acquisition of stand-alone graphic files. as expected			Actual Result	
SPT-CA-25 Acquisition of stand-alone graphic files. as expected		SPT-CA-24 Acquisition of stand-alone audio files.	as expected	
			as expected	
			Not as expected	
			<u>. </u>	
Analysis: Partial results achieved	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	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	OS: WIN XP	
Setup:	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 inter	face
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 SP	-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 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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 successfu	1
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)

Case 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 Case SPT-	-17 CelleBrite Version 1.1.3.3		
Assertions: SPT-A0-04 If a cellular forensic tool completes acquisition of the target SIM without error then the SPN shall be presented in a useable format. SPT-A0-05 If a cellular forensic tool completes acquisition of the target SIM without error then the ICCID shall be presented in a useable format. SPT-A0-06 If a cellular forensic tool completes acquisition of the target SIM without error then the IMSI shall be presented in a useable format. SPT-A0-07 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: Test Host: Morrisy Test Date: Fri Mar 26 07:59:15 EDT 2010 Device: ATT_SIM Source OS: WIN XP Setup: Interface: UFED Log 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 SPT-A0-04 Acquisition of SPN. as expected SPT-A0-05 Acquisition of ICCID. as expected SPT-A0-06 Acquisition of IMSI. as expected	Case			
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 OS: WIN XP Setup: Interface: UFED Log Highlights: Acquisition started: Fri Mar 26 07:59:15 EDT 2010 Acquisition started: Fri Mar 26 08:03:01 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	Summary:			
Test Host: Morrisy Test Date: Fri Mar 26 07:59:15 EDT 2010 Device: ATT_SIM Source OS: WIN XP Setup: Interface: UFED Log 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	Assertions:	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		
Test Date: Fri Mar 26 07:59:15 EDT 2010 Device: ATT_SIM Source OS: WIN XP Interface: UFED Log 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	Tester Name:	rpa		
Device: ATT_SIM Source OS: WIN XP Interface: UFED Log 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-A0-04 Acquisition of SPN. as expected SPT-A0-05 Acquisition of ICCID. as expected SPT-A0-06 Acquisition of IMSI. as expected	Test Host:	Morrisy		
Source Setup: Interface: UFED Log 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-A0-04 Acquisition of SPN. as expected SPT-A0-05 Acquisition of ICCID. as expected SPT-A0-06 Acquisition of IMSI. as expected	Test Date:	Fri Mar 26 07:59:15 EDT 2010		
Setup: Interface: UFED Log 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	Device:	ATT_SIM		
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	Source	OS: WIN XP		
Highlights: 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	Setup:	Interface: UFED		
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	_	-		
Results: Assertion & Expected Result Actual Result	Highlights:	_		
Assertion & Expected 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-04 Acquisition of SPN. as expected SPT-AO-05 Acquisition of ICCID. as expected SPT-AO-06 Acquisition of IMSI. as expected	Results:			
SPT-AO-05 Acquisition of ICCID. as expected SPT-AO-06 Acquisition of IMSI. as expected		Assertion & Expected Result Actual Result		
SPT-AO-06 Acquisition of IMSI. as expected				
		SPT-AO-05 Acquisition of ICCID. as expected		
SPT-AO-07 Acquisition of MSISDN. as expected		SPT-AO-06 Acquisition of IMSI. as expected		
		SPT-AO-07 Acquisition of MSISDN. as expected		
Analysis: Expected results achieved	Analysis:	Expected results achieved		

5.2.119 SPT-18 (Nokia E71x)

Test Case SPT	-18 CelleBrite Version 1.1.3.3		
Case	SPT-18 Acquire SIM memory and review reported Abbreviated Dialing Numbers		
Summary:	(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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).		
Summary:			
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	OS: WIN XP		
Setup:	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 (
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of SIM without error then ASCII SMS text messages shall be presequiseable format. SPT-AO-15 If a cellular forensic tool completes acquisition of SIM without error then ASCII EMS text messages shall be presequiseable format. SPT-AO-16 If a cellular forensic tool completes acquisition of SIM without error then the corresponding date/time stamps for messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of SIM without error then the corresponding status (i.e., read, text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of SIM without error then the corresponding sender / recipient profortext messages shall be presented in a useable format.	f the target nted in a f the target all text f the target unread) for f the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 26 08:14:50 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	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 messa correctly reported	ges were
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-14 Acquisition of EMS messages. 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
	associated with text messages.	
Analysis:	Expected results achieved	

5.2.122 SPT-21 (Nokia E71x)

Test Case SPT-21 CelleBrite Version 1.1.3.3			
Case	SPT-21 Acquire SIM memory and review recoverable deleted text messages		
Summary:	(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	OS: WIN XP	
Setup:	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 SPT-A0-19 Acquisition of non-overwritten deleted text messages.	Actual Result as expected
Analysis:	Expected results achieved	

5.2.123 SPT-22 (Nokia E71x)

Test Case SPT-	-22 CelleBrite Version 1.1.3.3		
Case	SPT-22 Acquire SIM memory and review reported location related data (i.e.,		
Summary:	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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	Acquisition started: Fri Mar 26 08:33:12 EDT 201		
	Acquisition finished: Fri Mar 26 08:38:24 EDT 20	10	
	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	
		<u>. </u>	
Analysis:	Expected results achieved		

5.2.124 SPT-23 (Nokia E71x)

Test Case SPT-23 CelleBrite Version 1.1.3.3			
Case	SPT-23 Acquire SIM memory by selecting a combination of supported data		
Summary:	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-A0-23 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	SPT-24 Acquire mobile device internal memory and review reported data via	
Summary:	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	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	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	OS: WIN XP	
Setup:	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-A0-26 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	SPT-26 Acquire SIM memory and review reported data via suppo	rted generated
Summary:	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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	OS: WIN XP	
Setup:	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	SPT-28 Attempt acquisition of a password-protected SIM.		
Summary:			
Assertions:	SPT-A0-28 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	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-29 After a successful mobile device internal memory, alter the case		
Summary:	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	OS: WIN XP	
Setup:	Interface: cable	
Log Highlights: Results:	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 success	sful
Results.	Assertion & Expected Result SPT-A0-27 Notification of modified device case data.	Actual Result as expected
Analysis:	Expected results achieved	

5.2.131 SPT-30 (Nokia E71x)

Test Case SPT	-30 CelleBrite Version 1.1.3.3	
Case	SPT-30 After a successful SIM acquisition, alter the ca	se file via third-
Summary:	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	OS: WIN XP	
Setup:	Interface: UFED	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	
Analysis:	Expected results achieved	

5.2.132 SPT-33 (Nokia E71x)

Test Case SPT-	-33 CelleBrite Version 1.1.3.3
Case	SPT-33 Acquire mobile device internal memory and review data containing
Summary:	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	OS: WIN XP
Setup:	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	SPT-34 Acquire SIM memory and review data containing non-ASCII characters.		
Summary:			
Assertions:	SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
	characters then the application should present ADNs in their native		
	SPT-AO-41 If the cellular forensic tool supports proper di	splay of non-	
	ASCII characters then the application should present text messages		
	native format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Mar 26 09:25:56 EDT 2010		
Device:	ATT_SIM		
Source	OS: WIN XP		
Setup:	Interface: UFED		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	hts: 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	as expected	
	entries/ADNs. 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	SPT-35 Begin acquisition on a PIN protected SIM to determine if the tool	
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:	Fri Mar 26 09:29:46 EDT 2010	
Device:	ATT_SIM	

Test Case SPT	-35 CelleBrite Version 1.1.3.3	
Source	OS: WIN XP	
Setup:	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 di	splayed
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 determine if the tool provides an accurate count of the PUK attempts and if the PUK attempts are decremented incorrect value.	he remaining number of when entering an
Assertions:	SPT-AO-30 If a cellular forensic tool provides the ex remaining number of PUK attempts then the application 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	OS: WIN XP	
Setup:	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	SPT-38 Acquire mobile device internal memory and review hash values for
Summary:	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	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	Acquisition started: Fri Mar 26 09:35:43 EDT 2010
	Acquisition finished: Fri Mar 26 09:37:37 EDT 2010

Test Case SP	T-38 CelleBrite Version 1.1.3.3	
	Hash values were properly reported for individually acqui	ired device data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

5.2.137 SPT-39 (Nokia E71x)

Test Case SPT	Test Case SPT-39 CelleBrite Version 1.1.3.3	
Case	SPT-39 Acquire SIM memory and review hash values for vend	lor supported data
Summary:	objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing data objects then the tool shall present the user with a each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Mar 26 09:38:09 EDT 2010	
Device:	ATT_SIM	
Source	OS: WIN XP	
Setup:	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	SPT-01 Acquire mobile device internal memory over tool-supported interfaces
Summary:	(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	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Mar 29 07:54:51 EDT 2010	
Device:	HTC_Pro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	Acquisition started: Mon Mar 29 07:54:51 EDT 2010	
	Acquisition finished: Mon Mar 29 08:09:49 EDT 2010	
Results:	Device connectivity was established via supported interface	
Kesuics.	Assertion & Expected Result	Actual
	ASSELLION & EXPECTED RESULT	Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via	as expected
	supported reports.	
	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	as expected
	payload for modifications.	
Analysis:	Expected results achieved	

5.2.139 SPT-02 (HTC Touch Pro 2)

Case Summary: device. Assertions: SPT-CA-02 If a cellular forensic tool attempts to connect to a nonsupported device then the tool shall notify the user that the device supported. Tester Name: rpa Test Host: Morrisy Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable Log Created by CelleBrite Version 1.1.3.3		
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 supported. Tester Name: rpa Test Host: Morrisy Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable	SPT-02 Attempt internal memory acquisition of a non-supported mobile	
supported device then the tool shall notify the user that the device supported. Tester Name: rpa Test Host: Morrisy Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable		
supported. Tester Name: rpa Test Host: Morrisy Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable		
Tester Name: rpa Test Host: Morrisy Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable	is not	
Test Host: Morrisy Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable		
Test Date: Mon Mar 29 08:10:43 EDT 2010 Device: unsupported_device Source OS: WIN XP Setup: Interface: cable		
Device: unsupported_device Source OS: WIN XP Setup: Interface: cable		
Source OS: WIN XP Setup: Interface: cable		
Setup: Interface: cable		
TOTAL STATE STATE		
Log Created by CelleBrite Version 1.1.3.3		
Highlights: 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	SPT-03 Begin mobile device internal memory acquisition and interrupt
Summary:	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	OS: WIN XP	
Setup:	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 SPT-CA-03 Notification of device acquisition disruption.	Actual Result 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	SPT-04 Acquire mobile device internal memory and review reported data via		
Summary:	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	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Mar 29 08:19:51 EDT 2010		
Device:	HTC_Pro2		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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-	Test Case SPT-05 CelleBrite Version 1.1.3.3		
Case	SPT-05 Acquire mobile device internal memory and review reported subscriber		
Summary:	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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:		T
	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	SPT-06 Acquire mobile device internal memory and review report	ted PIM
Summary:	related data.	
Assertions:	related data.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Mar 29 09:22:51 EDT 2010	
Device:	HTC_Pro2	
Source	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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)

	-07 CelleBrite Version 1.1.3.3		
Case	SPT-07 Acquire mobile device internal memory and review reported call logs.		
Summary:			
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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-08 Acquire mobile device internal memory and review reported text		
Summary:	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 device without error then the corresponding sender / recipien numbers for text messages shall be presented in a useable for	t phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Mar 29 09:32:48 EDT 2010	
Device:	HTC_Pro2	
Source	OS: WIN XP	
Setup:	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	
wigtlers.	Expected results actived	

5.2.146 SPT-09 (HTC Touch Pro 2)

Test Case SPT	-09 CelleBrite Version 1.1.3.3	
Case	SPT-09 Acquire mobile device internal memory and review reported MMS multi-	
Summary:	-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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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.	

Results:		
resures.	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

5.2.147 SPT-10 (HTC Touch Pro 2)

Test Case SPT	-10 CelleBrite Version 1.1.3.3		
Case	SPT-10 Acquire mobile device internal memory and revi	ew reported stand-	
Summary:	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	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Mon Mar 29 10:25:24 EDT 2010		
Device:	HTC_Pro2		
Source	OS: WIN XP		
Setup:	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		
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5.2.148 SPT-11 (HTC Touch Pro 2)

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Test Case SPT	-11 CelleBrite Version 1.1.3.3
Case	SPT-11 Acquire mobile device internal memory and review application related
Summary:	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	SPT-12 Acquire mobile device internal memory and review Internet related	
Summary:	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	OS: WIN XP	
Setup:	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	Test Case SPT-13 CelleBrite Version 1.1.3.3	
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of	
Summary:	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	OS: WIN XP	
Setup:	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	SPT-24 Acquire mobile device internal memory and review reported data via	
Summary:	supported generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition device without error then the tool shall present the acquired 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	OS: WIN XP	
Setup:	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	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	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	SPT-29 After a successful mobile device internal memory, alter the case	
Summary:	file via third-party means and attempt to re-open the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects a	
	third-party means then the tool shall provide protection	on 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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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 success	sful
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	SPT-31 Perform a physical acquisition and review data output for
Summary:	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	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected
Analysis:	Expected results achieved	

5.2.155 SPT-32 (HTC Touch Pro 2)

Test Case SPT	-32 CelleBrite Version 1.1.3.3
Case	SPT-32 Perform a physical acquisition and review reports for recoverable
Summary:	deleted data.
Summary: Assertions:	deleted data. 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 graphic file data or graphic file data remnants in a useable format.
Tester	rpa
Name:	
Test Host:	Morrisy
Test Date:	Wed Mar 31 10:52:32 EDT 2010
Device:	HTC_Pro2
Source	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	Acquisition started: Wed Mar 31 10:52:32 EDT 2010 Acquisition finished: Wed Mar 31 10:52:48 EDT 2010
	Acquisicion illustica, med mar 31 10.52.48 EDI 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 graphic data was recovered Partial deleted video data was recovered
	Taletal deleted video data was recovered

SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	as expected
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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

5.2.156 SPT-33 (HTC Touch Pro 2)

Test Case SPT	-33 CelleBrite Version 1.1.3.3		
Case	SPT-33 Acquire mobile device internal memory and review dat	a containing	
Summary:	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	OS: WIN XP		
Setup:	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	SPT-38 Acquire mobile device internal memory and review hash values for
Summary:	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 heach supported data object.	nash value for
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 acquirelements	red device data
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 SPT-40 Acquire mobile device internal memory and review data containing Summary: longitude and latitude coordinates. Assertions: SPT-A0-44 If the cellular forensic tool supports acquisition of GPS dat 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
Summary: longitude and latitude coordinates. Assertions: SPT-AO-44 If the cellular forensic tool supports acquisition of GPS dat then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Assertions: SPT-AO-44 If the cellular forensic tool supports acquisition of GPS dat then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
coordinates for all GPS-related data in a useable format.
Taskay Name 1 ama
Tester Name: rpa
Test Host: Morrisy
Test Date: Wed Mar 31 11:00:41 EDT 2010
Device: HTC_Pro2
Source OS: WIN XP
Setup: Interface: cable
Log Created by CelleBrite Version 1.1.3.3
Highlights: 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

SPT-01 (Blackberry 9630) 5.2.159

Test Case SPT	-01 CelleBrite Version 1.1.3.3			
Case	SPT-01 Acquire mobile device internal memory over tool-support	ted interfaces		
Summary:	(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	OS: WIN XP			
Setup:	Interface: cable			
Log	Created by CelleBrite Version 1.1.3.3			
Highlights:	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	as expected		
	supported reports.			
	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	as expected		
	payload for modifications.			
Analysis:	Expected results achieved			

5.2.160 SPT-02 (Blackberry 9630)

Test Case SPT-	-02 CelleBrite Version 1.1.3.3
Case	SPT-02 Attempt internal memory acquisition of a non-supported mobile
Summary:	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	OS: WIN XP
Setup:	Interface: cable
Loq	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		

5.2.161 SPT-03 (Blackberry 9630)

Test Case SPT-	-03 CelleBrite Version 1.1.3.3			
Case	SPT-03 Begin mobile device internal memory acquisition and	interrupt		
Summary:	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	OS: WIN XP			
Setup:	Interface: cable			
Log	Created by CelleBrite Version 1.1.3.3			
Highlights:	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	SPT-04 Acquire mobile device internal memory and review reported data via
Summary:	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	rpa
Name:	
Test Host:	Morrisy
Test Date:	Tue Mar 30 08:44:56 EDT 2010
Device:	Blackberry_9630
Source	OS: WIN XP
Setup:	Interface: cable
Log	Created by CelleBrite Version 1.1.3.3
Highlights:	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	SPT-05 Acquire mobile device internal memory and review reported subscriber			
Summary:	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	OS: WIN XP			
Setup:	Interface: cable			
Log	Created by CelleBrite Version 1.1.3.3			
Highlights:	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	SPT-06 Acquire mobile device internal memory and review reported PIM	
Summary:	related data.	
Summary: Assertions:	related data. 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	
Ì	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 device without error then maximum length datebook, calendar, 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	OS: WIN XP		
Setup:	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 du	ump.	
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	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		

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

5.2.166 SPT-08 (Blackberry 9630)

Test Case SPT	-08 CelleBrite Version 1.1.3.3		
Case	SPT-08 Acquire mobile device internal memory and review reported text		
Summary:	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	OS: WIN XP		
Setup:	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 message correctly reported	ges were	
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	SPT-09 Acquire mobile device internal memory and review reported MMS multi-		
Summary:	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 acquisitio device without error then MMS messages and associated vide 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	OS: WIN XP		
Setup:	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	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	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	rpa		
Name: Test Host:	Morrisy		
Test Date:	Tue Mar 30 09:39:09 EDT 2010		
Device:	Blackberry 9630		
Source	OS: WIN XP		
Setup:	Interface: cable		
rod secub.	Created by CelleBrite Version 1.1.3.3		
Highlights:	Acquisition started: Tue Mar 30 09:39:09 EDT 2010		
might ights.	Acquisition started: Tue Mar 30 09:39:09 EDT 2010 Acquisition finished: Tue Mar 30 09:44:17 EDT 2010		
	Inequipite on Timeblea. The Mai 30 03.11.17 EDI 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	OS: WIN XP		
Setup:	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	SPT-12 Acquire mobile device internal memory and review Internet related		
Summary:	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	OS: WIN XP		
Setup:	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	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	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	OS: WIN XP		
Setup:	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	SPT-24 Acquire mobile device internal memory and review reported data via	
Summary:	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights: 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	SPT-25 Acquire mobile device internal memory and review reported data via	
Summary:	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	OS: WIN XP	
Setup:	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-A0-26 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	SPT-29 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to re-open the case.		
Assertions:	SPT-AO-27 If the case file or individual data objects		
	third-party means then the tool shall provide protection	on 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	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-33 Acquire mobile device internal memory and review data containing
Summary:	non-ASCII characters.

Test Case SPT-	Test Case SPT-33 CelleBrite Version 1.1.3.3		
Assertions:	SPT-AO-40 If the cellular forensic tool supports display characters then the application should present address be their native format. SPT-AO-41 If the cellular forensic tool supports proper ASCII characters then the application should present tex native format.	oook entries in display of non-	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Mar 30 12:03:20 EDT 2010		
Device:	Blackberry_9630		
Source	OS: WIN XP		
Setup:	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	OS: WIN XP	
Setup:	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)

Test Case SPT	-01 CelleBrite Version 1.1.3.3		
Case	SPT-01 Acquire mobile device internal memory over tool-suppo	rted interfaces	
Summary:	(e.g., cable, Bluetooth, IrDA).		
Assertions:	(e.g., cable, Bluetooth, IrDA). 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	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Mar 31 12:58:42 EDT 2010		
Device:	Samsung_Moment		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log Highlights:	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		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-01 Device connectivity via supported interfaces.	Not as expected	
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	NA	
	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.	NA	
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	NA	
Analysis:	Expected results Not achieved		

5.2.178 SPT-01 (Palm pixi)

Test Case SPT	-01 CelleBrite Version 1.1.3.3
Case	SPT-01 Acquire mobile device internal memory over tool-supported interfaces
Summary:	(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

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	OS: WIN XP		
Setup:	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 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	SPT-03 Begin mobile device internal memory acquisition and interrupt	
Summary:	connectivity by interface disengagement.	
Assertions:	SPT-CA-03 If connectivity between the mobile device and ce	
	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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)

Tegt Cage SDT	Test Case SPT-04 CelleBrite Version 1.1.3.3		
Case Case SF1	SPT-04 Acquire mobile device internal memory and review reported data via		
Summary:	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	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Apr 1 09:02:08 EDT 2010		
Device:	palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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)

device without error in a useable format. SPT-CA-06 If a cellular device without error in a useable format. Tester Name: rpa Test Host: Morrisy Test Date: Thu Apr 1 09:07:16 ED	information (e.g., ar forensic tool com then subscriber-rela	IMEI/MEID/ESN, MSI pletes acquisition	ISDN).
Assertions: SPT-CA-05 If a cellular device without error in a useable format. SPT-CA-06 If a cellular device without error in a useable format. Tester Name: rpa Test Host: Morrisy Test Date: Thu Apr 1 09:07:16 ED Device: palm_pixi	ar forensic tool com then subscriber-rela	pletes acquisition	· · · · · · · · · · · · · · · · · · ·
device without error in a useable format. SPT-CA-06 If a cellulate device without error in a useable format. Tester Name: rpa Test Host: Morrisy Test Date: Thu Apr 1 09:07:16 ED	then subscriber-rela		n of the target
Test Host: Morrisy Test Date: Thu Apr 1 09:07:16 ED Device: palm_pixi	SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error then equipment related information shall be presented		
Test Date: Thu Apr 1 09:07:16 ED			
Device: palm_pixi			
TOTAL PARTY	Г 2010		
Source OS: WIN XP			
Setup: Interface: cable			
Log Created by CelleBrite			
	Acquisition started: Thu Apr 1 09:07:16 EDT 2010		
Acquisition finished:	Acquisition finished: Thu Apr 1 09:13:24 EDT 2010		
IMEI, MEID/ESN were no	IMEI, MEID/ESN were not acquired		
Results:			_
Assertion & Expected	Result	Actual Result	
SPT-CA-05 Acquisition	n of MSISDN, IMSI.	NA	
SPT-CA-06 Acquisition	n of IMEI/MEID/ESN.	Not as expected	
Analysis: Expected results Not a			-

5.2.183 SPT-06 (Palm pixi)

Test Case SPT	-06 CelleBrite Version 1.1.3.3
Case	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	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 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	OS: WIN XP
Setup:	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	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	alone multi-media data (i.e., audio, graphics, video).		
Assertions:	SPT-CA-24 If a cellular forensic tool completes acqui device without error then stand-alone audio files sha useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acqui device without error then stand-alone graphic files s useable format via either an internal application or application. SPT-CA-26 If a cellular forensic tool completes acqui device without error then stand-alone video files sha useable format via either an internal application or application.	Il be presented in a suggested third-party sition of the target hall be presented in a suggested third-party sition of the target ll be presented in a	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Apr 1 09:19:16 EDT 2010		
Device:	palm_pixi		
Source	OS: WIN XP		
Setup:	Interface: cable		
Log	Created by CelleBrite Version 1.1.3.3		
Highlights:	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	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	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	OS: WIN XP		
Setup:	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	SPT-24 Acquire mobile device internal memory and review reported data via	
Summary:	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	OS: WIN XP	
Setup:	Interface: cable	
Log	Created by CelleBrite Version 1.1.3.3	
Highlights:	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	as expected
	generated reports.	
		_
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 report the preview pane.	orted data via
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 vendor supported data objects.	values for
Assertions:	SPT-A0-43 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 acquired elements	l device data
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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Creating relevant knowledge and tools

- 1. Partner with state and local practitioners and policymakers to identify social science research and technology needs.
- 2. Create scientific, relevant, and reliable knowledge—with a particular emphasis on terrorism, violent crime, drugs and crime, cost-effectiveness, and community-based efforts—to enhance the administration of justice and public safety.
- Develop affordable and effective tools and technologies to enhance the administration of justice and public safety.

Dissemination

- 4. Disseminate relevant knowledge and information to practitioners and policymakers in an understandable, timely and concise manner.
- 5. Act as an honest broker to identify the information, tools and technologies that respond to the needs of stakeholders.

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- 6. Practice fairness and openness in the research and development process.
- 7. Ensure professionalism, excellence, accountability, cost-effectiveness and integrity in the management and conduct of NIJ activities and programs.

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