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Test Results for Mobile Device Acquisition Tool: CelleBrite UFED 1.1.8.6 — Report Manager 1.8.3/UFED Physical Analyzer 2.3.0		

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Test Results for Mobile Device Acquisition Tool: CelleBrite UFED 1.1.8.6 – Report Manager 1.8.3 UFED Physical Analyzer 2.3.0



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Test Results for Mobile Device Data Acquisition Tool:

CelleBrite UFED Logical Analyzer 1.1.8.6 – Report Manager 1.8.3 – UFED Physical Analyzer 2.3.0



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Introduction

The Computer Forensics Tool Testing (CFTT) program is a joint project of the National Institute of Justice (NIJ), the Department of Homeland Security Science and Technology Directorate (DHS S&T), and the National Institute of Standards and Technology Law Enforcement Standards Office (OLES) and Information Technology Laboratory (ITL). CFTT is supported by other organizations, including the Federal Bureau of Investigation, the U.S. Department of Defense Cyber Crime Center, the U.S. Internal Revenue Service Criminal Investigation Division Electronic Crimes Program, 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 Naval Postgraduate School, the National White Collar Crime Center, the U.S. Commodity Futures Trading Commission, the U.S. Postal Service and the Securities and Exchange Commission. 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. The CFTT 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 1.1.8.6, 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 tools and the CFTT tool methodology can be found on NIJ's CFTT 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 its intended use. The remaining sections of the report describe how the tests were conducted, discuss any anomalies that were encountered and provide documentation of test case run details that support the report summary. Section 2 gives justification for the selection of test cases from the set of possible cases 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 3 describes in more depth any anomalies summarized in the first section. Section 4 lists hardware and software used to run the test cases. Section 5 contains a

description of each test case run. The description of each test run lists all test assertions used in the test case, the expected result and the actual result. Please refer to the vendor's owner manual for guidance on using the tool.

Test Results for Mobile Device Data Acquisition Tool

Tool Tested: CelleBrite

Version: UFED Logical Analyzer 1.1.8.6

UFED Physical Analyzer 2.3.0.10000

Report Manager 1.8.3.171110

Run Environment: Microsoft Windows XP v5.1.2600

Supplier: CelleBrite USA Corp.

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1 Results Summary

The Cellebrite Universal Forensic Extraction Device (UFED) is designed for logical and physical acquisitions, data analysis and report management from mobile phones, Smart Phones, Subscriber Identity Modules (SIMs) and Global Positioning System (GPS) devices.

The tool was tested for its ability to acquire active and deleted data from the internal memory of mobile devices and SIMs. Except for the following anomalies, the tool acquired all supported data objects completely and accurately for all nine mobile devices tested.

Personal Information Management (PIM) data:

- Graphics files associated with address book entries were not reported. (iPhone4 GSM, iPhone4 CDMA, HTC Thunderbolt, Palm Pre2)
- Address book entries with fields for a first, middle and last name were reported incorrectly. The first name field was appended with a semicolon. (Samsung Focus)
- Regular-length address book entries with a value in only the first-name field were reported incorrectly. The first-name field was duplicated. (Motorola Tundra)
- Memo entries were not acquired. (Motorola Tundra)
- Address book entries with fields for a first, middle and last name were reported incorrectly. The middle-name field was not reported. (Palm Pre2)

- Maximum-length address book entries were truncated 54 out of 126 characters were reported. (Palm Pre2)
- Email addresses associated with address book entries were not reported. (Palm Pre2)

MMS messages:

 The textual portion of MMS messages was not reported. (BlackBerry Torch, Nokia 6350, HTC Thunderbolt)

Call logs:

Acquisition of call log data ended in errors. (Motorola Tundra)

Subscriber and equipment-related information:

Equipment-related information was not reported. (Palm Pre2)

Address book entries containing non-ASCII characters:

 Acquisition of address book entries containing non-ASCII characters were reported incorrectly. (BlackBerry Torch)

Device acquisition disruption:

 When connectivity was interrupted, the tool failed to notify the user that the acquisition had been disrupted. (Palm Pre2)

Refer to sections 3.1-3.7 for additional details.

2 Test Case Selection

Test cases used to test mobile device data 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 base 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-1i list the test cases available in Cellebrite's UFED. Tables 2a-2i list the test cases not available in CelleBrite's UFED.

Table 1a: Selected Test Cases (iPhone4 GSM)

Supported Optional Feature	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-12, SPT-13
Acquire SIM memory over supported interfaces (e.g.,	SPT-14
PC/SC reader).	
Attempt acquisition of a nonsupported 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).	

Supported Optional Feature	Cases Selected for Execution
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	SPT-23
supported data elements.	
Acquire mobile device internal memory and review reported	SPT-24
data via supported/generated report formats.	
Acquire mobile device internal memory and review reported	SPT-25
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 reopen the	
case.	
After a successful SIM acquisition, alter the case file via	SPT-30
third-party means and attempt to reopen the case.	
Perform a physical acquisition and review data output for	SPT-31
readability.	
Perform a physical acquisition and review reports for	SPT-32
recoverable deleted data.	
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 Optional Feature	Cases Selected for Execution
supported data objects.	
Acquire mobile device internal memory and review data	SPT-40
containing GPS longitude and latitude coordinates.	

Table 2a: Omitted Test Cases (iPhone4 GSM)

Unsupported Test Cases	Cases Omitted/ Not
	Executed
Acquire mobile device internal memory and review application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	

Table 1b: Selected Test Cases (BlackBerry Torch)

Supported Optional Feature	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-12, SPT-13
Acquire SIM memory over supported interfaces (e.g.,	SPT-14
PC/SC reader).	
Attempt acquisition of a nonsupported 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).	
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 reported	SPT-24
data via supported/generated report formats.	
Acquire mobile device internal memory and review reported	SPT-25
data via the preview pane.	

Supported Optional Feature	Cases Selected for Execution
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 reopen the	
case.	
After a successful SIM acquisition, alter the case file via	SPT-30
third-party means and attempt to reopen 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 2b: Omitted Test Cases (BlackBerry Torch)

Unsupported Optional Feature	Cases Omitted/ Not Executed
Acquire mobile device internal memory and review application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
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.	
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 GPS	SPT-40
longitude and latitude coordinates.	

Table 1c: Selected Test Cases (Samsung Focus)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02,
	SPT-03, SPT-04,
	SPT-06, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC	SPT-14
reader).	
Attempt acquisition of a nonsupported 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 Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed	SPT-19
(LND).	
Acquire SIM memory and review reported text messages (SMS,	SPT-20
EMS).	
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 mobile device internal memory and review reported data via	SPT-24
supported/generated report formats.	
Acquire mobile device internal memory and review reported data via	SPT-25
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 preview	SPT-27
pane.	
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case file	SPT-29
via third-party means and attempt to reopen the case.	
After a successful SIM acquisition, alter the case file via third-party	SPT-30
means and attempt to reopen the case.	
Acquire mobile device internal memory and review data containing	SPT-33
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 tool	SPT-35
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

Supported Optional Feature	Cases Selected for Execution
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 values for	SPT-38
vendor-supported data objects.	
Acquire SIM memory and review hash values for vendor-supported	SPT-39
data objects.	

Table 2c: Omitted Test Cases (Samsung Focus)

Unsupported Optional Feature	Cases Omitted/
	Not
	Executed
Acquire mobile device internal memory and review reported subscriber and	SPT-05
equipment-related information (e.g., IMEI/MEID/ESN, MSISDN).	
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	SPT-09
multimedia related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review reported stand-alone	SPT-10
multimedia data (i.e., audio, graphics, video).	
Acquire mobile device internal memory and review application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
Acquire mobile device internal memory and review Internet related data	SPT-12
(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 deleted	SPT-32
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 GPS	SPT-40
longitude and latitude coordinates.	

Table 1d: Selected Test Cases (Nokia 6350)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-
	03, SPT-04, SPT-05,
	SPT-06, SPT-07, SPT-
	08, SPT-09, SPT-10,
	SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC	SPT-14
reader).	
Attempt acquisition of a nonsupported SIM.	SPT-15

Supported Optional Feature	Cases Selected for Execution
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).	51 1-21
Acquire SIM memory and review reported location-related	SPT-22
data (i.e., LOCI, GPRSLOCI).	51 1-22
Acquire SIM memory by selecting a combination of	SPT-23
supported data elements.	31 1-23
Acquire mobile device internal memory and review reported	SPT-24
1 1	SF 1-24
data via supported/generated report formats.	CDT 25
Acquire mobile device internal memory and review reported	SPT-25
data via the preview pane.	CDT 26
Acquire SIM memory and review reported data via	SPT-26
supported/generated report formats.	CDT 27
Acquire SIM memory and review reported data via the	SPT-27
preview pane.	GDET 40
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 reopen the case.	
After a successful SIM acquisition, alter the case file via	SPT-30
third-party means and attempt to reopen 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 Optional Feature	Cases Selected for Execution
supported data objects.	

Table 2d: Omitted Test Cases (Nokia 6350)

Unsupported Optional Feature	Cases
	Omitted/
	Not
	Executed
Acquire mobile device internal memory and review application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
Acquire mobile device internal memory and review Internet related data	SPT-12
(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 deleted	SPT-32
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 GPS	SPT-40
longitude and latitude coordinates.	

Table 1e: Selected Test Cases (Motorola Tundra)

Supported Optional Feature	Cases Selected for
	Execution
Base Cases	SPT-01, SPT-02, SPT-
	03, SPT-04, SPT-05,
	SPT-06, SPT-07, SPT-
	10, SPT-13
Acquire SIM memory over supported interfaces (e.g., PC/SC	SPT-14
reader).	
Attempt acquisition of a nonsupported 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 Dialing	SPT-18
Numbers (ADN).	
Acquire SIM memory and review reported Last Numbers	SPT-19
Dialed (LND).	
Acquire SIM memory and review reported text messages (SMS,	SPT-20
EMS).	
Acquire SIM memory and review recoverable deleted text	SPT-21
messages (SMS, EMS).	

Supported Optional Feature	Cases Selected for Execution
Acquire SIM memory and review reported location-related data	SPT-22
(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.	
Acquire mobile device internal memory and review reported	SPT-25
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 preview	SPT-27
pane.	
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter the case	SPT-29
file via third-party means and attempt to reopen the case.	
After a successful SIM acquisition, alter the case file via third-	SPT-30
party means and attempt to reopen the case.	
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 values	SPT-38
for vendor-supported data objects.	
Acquire SIM memory and review hash values for vendor-	SPT-39
supported data objects.	

Table 2e: Omitted Test Cases (Motorola Tundra)

Unsupported Optional Feature	Cases
	Omitted/
	Not
	Executed
Acquire mobile device internal memory and review reported text messages.	SPT-08
Acquire mobile device internal memory and review reported MMS	SPT-09
multimedia related data (i.e., text, audio, graphics, video).	
Acquire mobile device internal memory and review application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
Acquire mobile device internal memory and review Internet related data	SPT-12
(i.e., bookmarks, visited sites.	

Unsupported Optional Feature	Cases Omitted/ Not Executed
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted	SPT-32
data.	
Acquire mobile device internal memory and review data containing non-	SPT-33
ASCII characters.	
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 GPS	SPT-40
longitude and latitude coordinates.	

Table 1f: Selected Test Cases (iPhone4 CDMA)

Supported Optional Feature	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-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 reopen the case.	
Perform a physical acquisition and review data	SPT-31
output for readability.	
Perform a physical acquisition and review reports	SPT-32
for recoverable deleted data.	
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.	
Acquire mobile device internal memory and	SPT-40
review data containing GPS longitude and	
latitude coordinates.	

Table 2f: Omitted Test Cases (iPhone4 CDMA)

Unsupported Optional Feature	Cases
	Omitted/
	Not
	Executed
Acquire mobile device internal memory and review application-related data	SPT-11

Unsupported Optional Feature	Cases Omitted/ Not Executed
(i.e., Word documents, spreadsheets, presentation documents).	
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment-related information (i.e., SPN, ICCID, IMSI, MSISDN).	SPT-17
Acquire SIM memory and review reported Abbreviated Dialing Numbers (ADN).	SPT-18
Acquire SIM memory and review reported Last Numbers Dialed (LND).	SPT-19
Acquire SIM memory and review reported text messages (SMS, EMS).	SPT-20
Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	SPT-21
Acquire SIM memory and review reported location-related data (i.e., LOCI, GPRSLOCI).	SPT-22
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23
Acquire SIM memory and review reported data via supported/generated report formats.	SPT-26
Acquire SIM memory and review reported data via the preview pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third-party means and attempt to reopen 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

Table 1g: Selected Test Cases (HTC Thunderbolt)

Supported Optional Feature	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 mobile device internal memory and review	SPT-24
reported data via supported/generated report	

Supported Optional Feature	Cases Selected for Execution
formats.	
Acquire mobile device internal memory and review	SPT-25
reported data via the preview pane.	
After a successful mobile device internal memory,	SPT-29
alter the case file via third-party means and attempt	
to reopen the case.	
Acquire mobile device internal memory and review	SPT-33
data containing non-ASCII characters.	
Acquire mobile device internal memory and review	SPT-38
hash values for vendor-supported data objects.	

Table 2g: Omitted Test Cases (HTC Thunderbolt)

Unsupported Optional Feature	Cases
	Omitted/ Not
	Executed
Acquire mobile device internal memory and review application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
Acquire mobile device internal memory and review Internet related data (i.e.,	SPT-12
bookmarks, visited sites.	
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14
Attempt acquisition of a nonsupported SIM.	SPT-15
Begin SIM acquisition and interrupt connectivity by interface disengagement.	SPT-16
Acquire SIM memory and review reported subscriber and equipment-related	SPT-17
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 (SMS,	
EMS).	SPT-22
Acquire SIM memory and review reported location-related data (i.e., LOCI,	
GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported data elements.	SPT-23 SPT-26
Acquire SIM memory and review reported data via supported/generated	
report formats.	
Acquire SIM memory and review reported data via the preview pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28 SPT-30
After a successful SIM acquisition, alter the case file via third-party means	
and attempt to reopen 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 an	SPT-35

Unsupported Optional Feature	Cases Omitted/ Not Executed
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 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 1h: Selected Test Cases (Palm Pre2)

Supported Optional Feature	Cases Selected for Execution
Base Cases	SPT-01, SPT-02, SPT-03, SPT-
	04, SPT-05, SPT-06, SPT-09,
	SPT-10, SPT-13
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.	
After a successful mobile device internal memory,	SPT-29
alter the case file via third-party means and attempt to	
reopen the case.	
Acquire mobile device internal memory and review	SPT-33
data containing non-ASCII characters.	
Acquire mobile device internal memory and review	SPT-38
hash values for vendor-supported data objects.	

Table 2h: Omitted Test Cases (Palm Pre2)

Unsupported Optional Feature	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 application-related data	SPT-11
(i.e., Word documents, spreadsheets, presentation documents).	
Acquire mobile device internal memory and review Internet related data (i.e.,	SPT-12
bookmarks, visited sites.	
Acquire SIM memory over supported interfaces (e.g., PC/SC reader).	SPT-14

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

Table 1i: Selected Test Cases (Samsung Haven)

Supported Optional Feature	al Feature Cases Selected for Execution	
Base Cases	SPT-01, SPT-02, SPT-03,	
	SPT-04, SPT-06, SPT-13	

Supported Optional Feature	Cases Selected for Execution
Acquire mobile device internal memory and review reported	SPT-24
data via supported/generated report formats.	
Acquire mobile device internal memory and review reported	SPT-25
data via the preview pane.	
After a successful mobile device internal memory, alter the	SPT-29
case file via third-party means and attempt to reopen the	
case.	
Acquire mobile device internal memory and review hash	SPT-38
values for vendor-supported data objects.	

Table 2i: Omitted Test Cases (Samsung Haven)

Unsupported Optional Feature	Cases Omitted/Not Executed
Acquire mobile device internal memory and review reported subscriber and equipment-related information (e.g., IMEI/MEID/ESN, MSISDN).	SPT-05
Acquire mobile device internal memory and review reported 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 reported standalone multimedia data (i.e., audio, graphics, video).	SPT-10
Acquire mobile device internal memory and review application-related data (i.e., Word documents, spreadsheets, 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 nonsupported 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	SPT-26

Unsupported Optional Feature	Cases Omitted/Not Executed
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	SPT-30
means and attempt to reopen the case.	
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.	
Acquire mobile device internal memory and review data containing non-	SPT-33
ASCII characters.	
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN-protected SIM to determine if the tool	SPT-35
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 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.	
Perform a stand-alone mobile device internal memory acquisition and	SPT-37
review the status flags for text messages present on the SIM.	
Acquire SIM memory and review hash values for vendor-supported data	SPT-39
objects.	
Acquire mobile device internal memory and review data containing GPS	SPT-40
longitude and latitude coordinates.	

3 Results by Test Assertion

A test assertion is a verifiable statement about a single condition after an action is performed by the tool under test. A test case usually checks a group of assertions after the action of a single execution of the tool under test. Test assertions are defined and linked to test cases in *Smart Phone Tool Test Assertions and Test Plan Version 1.0*.

Tables 3a - 3i summarize the test results by assertion. The column labeled **Assertions Tested** describes the text of each assertion. The column labeled **Tests** gives the number of test cases that use the given assertion. The column labeled **Anomaly** gives the section number in this report where any obverved anomalies are discussed.

Table 3a: Assertions Tested: (iPhone4 GSM)

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

Assertions Tested	Tests	Anomaly
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 is	1	
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	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview pane or	2	
generated report.		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target		
device without error, then subscriber-related information shall be	1	
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	1	
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	1	
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	1	
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	1	
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	1	
shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target		
device without error, then email addresses associated with address book	1	
entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target		
device without error, then graphics associated with address book entries	1	3.1
shall be presented in a useable format.	1	3.1
SPT-CA-13 If a cellular forensic tool completes acquisition of the target		
device without error, then datebook, calendar, note entries shall be	1	
	1	
presented in a useable format.		
SPT-CA-14 If a cellular forensic tool completes acquisition of the target	1	
device without error, then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.		
SPT-CA-15 If a cellular forensic tool completes acquisition of the target	1	
device without error, then call logs (incoming/outgoing/missed) shall be	1	
presented in a useable format.		
SPT-CA-16 If a cellular forensic tool completes acquisition of the target	1	
device without error, then the corresponding date/time stamps and the		

Assertions Tested	Tests	Anomaly
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	1	
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	1	
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)	1	
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	1	
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	1	
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	1	
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	1	
presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target		
device without error, then stand-alone audio files shall be presented in a		
	1	
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	1	
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	1	
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	1	
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	2	
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	2	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability	2	

Assertions Tested	Tests	Anomaly
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	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
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	2	
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a		
nonsupported SIM, then the tool shall notify the user that the SIM is not	1	
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	1	
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.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	1	
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.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the MSISDN shall be presented in a useable	1	
format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error, then ASCII Abbreviated Dialing Numbers (ADN)	1	
shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target		
SIM without error, then maximum length ADN shall be presented in a	1	
useable format	1	
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing special characters shall be presented	1	
in a useable format.	1	
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing blank names shall be presented in a	1	
useable format.	1	
	 	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then Last Numbers Dialed (LND) shall be presented	1	
in a useable format.	 	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then the corresponding date/time stamps for LNDs	1	
shall be presented in a useable format.	 	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then ASCII SMS text messages shall be presented in		

Assertions Tested	Tests	Anomaly
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target		
SIM without error, then location-related data (i.e., GRPSLOCI) shall be	1	
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	1	
complete the acquisition of all data objects without error.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an "Select		
All" individual SIM data objects, then the tool shall complete the	1	
acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability		
to "Select Individual" SIM data objects for acquisition, then the tool	1	
shall acquire each exclusive data objects without error.	1	
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	2	
format via supported/generated report formats.		
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	2	
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		

Assertions Tested	Tests	Anomaly
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	1	
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	1	
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	1	
report recoverable active and deleted data or address book data remnants	1	
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	1	
report recoverable active and deleted calendar, tasks, or note data	1	
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	1	
recoverable active and deleted call or call log data remnants in a useable	1	
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	1	
recoverable active and deleted SMS messages or SMS message data	1	
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	1	
recoverable active and deleted EMS messages or EMS message data	1	
remnants in a useable format.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters, then the application should present ADN in their native	2	
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters, then the application should present text messages in	2	
their native format.		
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	2	
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	1	
coordinates for all GPS-related data in a useable format.		

Table 3b: Assertions Tested: (BlackBerry Torch)

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

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

Assertions Tested	Tests	Anomaly
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	1	
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	1	
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)	1	
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	1	
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	1	3.2
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	1	3.2
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	1	3.2
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	1	
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-	1	
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	1	
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	1	
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	2	
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	2	
acquisition of all individually selected data objects without error.		
SPT-CA-31 If a cellular forensic tool provides the user with the ability	2	
St 1-CA-51 if a certain forensic tool provides the user with the ability		

Assertions Tested	Tests	Anomaly
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	1	
objects) on the mobile device shall remain consistent.		
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	2	
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a		
nonsupported SIM, then the tool shall notify the user that the SIM is not	1	
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	1	
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.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	1	
format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then ASCII Abbreviated Dialing Numbers (ADN)	1	
shall be presented in a useable format.		
SPT-AO-09 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then maximum length ADN shall be presented in a	1	
useable format.		
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing special characters shall be presented	1	
in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing blank names shall be presented in a	1	
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	1	
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	1	
shall be presented in a useable format.		
SPT-AO-14 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then ASCII SMS text messages shall be presented in	1	

Assertions Tested	Tests	Anomaly
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability		
to "Select Individual" SIM data objects for acquisition, then the tool	1	
shall acquire each exclusive data object without error.	1	
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	2	
format via supported/generated report formats.		
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	2	
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	2	
disallowing or reporting data modification.	<u> </u>	
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	1	

Assertions Tested	Tests	Anomaly
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	1	
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters, then the application should present ADN in their native	2	3.6
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters, then the application should present text messages in	2	
their native format.		
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	2	
each supported data object.		

Table 3c: Assertions Tested: (Samsung Focus)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device, then the tool shall successfully recognize the target	1	
device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
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 is	1	
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	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview pane or	2	
generated report.		
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	1	3.1
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	1	
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	1	
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	1	
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	1	
entries shall be presented in a useable format.		
SPT-CA-12 If a cellular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
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	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	1	
entries shall be 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	2	
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	2	
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	2	
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	1	
objects) on the mobile device shall remain consistent.		
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	2	
reader, smart phone itself).		
SPT-AO-02 If a cellular forensic tool attempts to connect to a		
nonsupported SIM, then the tool shall notify the user that the SIM is not	1	
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	1	
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.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	1	
format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target	-	
SIM without error, then the MSISDN shall be presented in a useable	1	
format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error, then ASCII Abbreviated Dialing Numbers (ADN)	1	
shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target	 	
	1	
SIM without error, then maximum length ADN shall be presented in a		

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SPT-AO-23 If a cellular forensic tool provides the user with an "Select	1 J 1 ,	-	
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All" individual SIM data objects, then the tool shall complete the	All" individual SIM data objects, then the tool shall complete the	1	
acquisition of all individually selected data objects without error.	•		
SPT-AO-24 If a cellular forensic tool provides the user with the ability	i v		
to "Select Individual" SIM data objects for acquisition, then the tool		1	

Assertions Tested	Tests	Anomaly
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	2	
format via supported/generated report formats.		
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	2	
format in a preview pane view.		
SPT-AO-27 If the case file or individual data objects are modified via		
third-party means, then the tool shall provide protection mechanisms	2	
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	1	
before acquisition.		
SPT-AO-29 If a cellular forensic tool provides the examiner with the		
remaining number of authentication attempts, then the application	1	
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	1	
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters, then the application should present ADN in their native	2	
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters, then the application should present text messages in	2	
their native format.		
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	2	
each supported data object.		

Table 3d: Assertions Tested: (Nokia 6350)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device, then the tool shall successfully recognize the target	1	
device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
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 is	1	
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	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
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 target	1	

Assertions Tested	Tests	Anomaly
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	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	1	
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	1	
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	1	
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	1	
be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target		
device without error, then the corresponding date/time stamps for text	1	
messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target		
device without error, then the corresponding status (i.e., read, unread)	1	
for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target	1	
51 1-CA-20 II a centular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
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	1	3.2
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	1	3.2
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	1	3.2
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	1	
useable format via either an internal application or suggested third-party	1	
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-	1	
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	1	
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	2	
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	2	
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	2	
shall acquire each exclusive data object without error.	2	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical		
	1	
acquisitions of the target device without error, then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
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	1	
nonsupported SIM, then the tool shall notify the user that the SIM is not	1	
supported.		
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM	4	
reader, then the tool shall notify the user that connectivity has been	1	
disrupted.		

Assertions Tested	Tests	Anomaly
SPT-AO-04 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	1	
format.		
SPT-AO-06 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the MSISDN shall be presented in a useable	1	
format.		
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error, then ASCII Abbreviated Dialing Numbers (ADN)	1	
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 ADN shall be presented in a	1	
useable format.		
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing special characters shall be presented	1	
in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing blank names shall be presented in a	1	
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	1	
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	1	
shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target		
SIM without error, then ASCII SMS text messages shall be presented in	1	
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	1	
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	1	
messages shall be presented in a useable format.	1	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.	1	
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 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-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 via a preview pane view. SPT-AO-27 If the case file or individual data objects are modified via third-party means, then the tool shall provide protection mechanisms disallowing or reporting data modification. SPT-AO-28 If the SIM is password-protected, then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition. SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts, then the application
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-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. 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.
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SPT-AO-27 If the case file or individual data objects are modified via third-party means, then the tool shall provide protection mechanisms 2 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 1 before acquisition. SPT-AO-29 If a cellular forensic tool provides the examiner with the
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before acquisition. SPT-AO-29 If a cellular forensic tool provides the examiner with the
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remaining number of authentication attempts, then the application 1
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 1
an accurate count of the remaining PUK attempts.
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII
characters, then the application should present ADN in their native 2
format.
SPT-AO-41 If the cellular forensic tool supports proper display of non-
ASCII characters, then the application should present text messages in 2
their native format.
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 2
each supported data object.

Table 3e: Assertions Tested: (Motorola Tundra)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device, then the tool shall successfully recognize the target	1	
device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
SPT-CA-02 If a cellular forensic tool attempts to connect to a	ļ	
nonsupported device, then the tool shall notify the user that the device is	1	
not supported.	ļ	
SPT-CA-03 If connectivity between the mobile device and cellular		
forensic tool is disrupted, then the tool shall notify the user that	1	
connectivity has been disrupted.	ļ	
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	2	
generated report.		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target		
device without error, then subscriber-related information shall be	1	
presented in a useable format.	1	
SPT-CA-06 If a cellular forensic tool completes acquisition of the target		
device without error, then equipment-related information shall be	1	
presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target		
device without error, then address book entries shall be presented in a	1	3.1
useable format.	1	3.1
SPT-CA-08 If a cellular forensic tool completes acquisition of the target		
	1	
device without error, then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target	1	
device without error, then address book entries containing special	1	
characters shall be presented in a useable format.		
SPT-CA-10 If a cellular forensic tool completes acquisition of the target	1	
device without error, then address book entries containing blank names	1	
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	1	
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	1	
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	1	3.1
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	1	
entries shall be presented in a useable format.		
SPT-CA-15 If a cellular forensic tool completes acquisition of the target	1	3.3
device without error, then call logs (incoming/outgoing/missed) shall be	1	٥.٥

Assertions Tested	Tests	Anomaly
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	1	3.3
duration of the call for call logs 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	1	
useable format via either an internal application or suggested third-party	1	
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	1	
a useable format via either an internal application or suggested third-	1	
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	1	
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	2	3.7
complete the acquisition of all data objects without error.	1 ~	5.7
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	2	3.7
acquisition of all individually selected data objects without error.		3.1
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	2	3.7
	2	3.7
shall acquire each exclusive data object without error.		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical	1	
acquisitions of the target device without error, then the payload (data	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-01 If a cellular forensic tool provides support for connectivity		
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		
nonsupported SIM, then the tool shall notify the user that the SIM is not	1	
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	1	
disrupted.		
SPT-AO-04 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	1	
format.		
SPT-AO-06 If a cellular forensic tool completes acquisition of the target	1	
SIM without error, then the IMSI shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
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	1	
format.		
SPT-AO-08 If a cellular forensic tool completes acquisition of the target		
SIM without error, then ASCII Abbreviated Dialing Numbers (ADN)	1	
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 ADN shall be presented in a	1	
useable format.		
SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing special characters shall be presented	1	
in a useable format.		
SPT-AO-11 If a cellular forensic tool completes acquisition of the SIM		
without error, then ADN containing blank names shall be presented in a	1	
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	1	
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	1	
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	1	
a useable format.	1	
SPT-AO-15 If a cellular forensic tool completes acquisition of the target		
SIM without error, then ASCII EMS text messages shall be presented in	1	
a useable format.	1	
SPT-AO-16 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the corresponding date/time stamps for all text	1	
messages shall be presented in a useable format.	1	
SPT-AO-17 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the corresponding status (i.e., read, unread) for	1	
text messages shall be presented in a useable format.	1	
SPT-AO-18 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the corresponding sender / recipient phone	1	
	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 overwritten shall be presented in a useable format.	1	
SPT-AO-20 If a cellular forensic tool completes acquisition of the target	1	
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 target	1	
SIM without error, then location-related data (i.e., GRPSLOCI) shall be	1	
presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-AO-22 If a cellular forensic tool provides the user with an		
"Acquire All" SIM data objects acquisition option, then the tool shall	1	
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	1	
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	1	
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	2	
format via supported/generated report formats.		
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	2	
format in a preview pane view.		
SPT-AO-27 If the case file or individual data objects are modified via		
third-party means, then the tool shall provide protection mechanisms	2	
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	1	
before acquisition.		
SPT-AO-29 If a cellular forensic tool provides the examiner with the		
remaining number of authentication attempts, then the application	1	
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	1	
an accurate count of the remaining PUK attempts.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters, then the application should present ADN in their native	1	
format.		
SPT-AO-41 If the cellular forensic tool supports proper display of non-		
ASCII characters, then the application should present text messages in	1	
their native format.		
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	2	
each supported data object.		

Table 3f: Assertions Tested: (iPhone4 CDMA)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device, then the tool shall successfully recognize the target	1	
device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
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 is	1	
not supported.		

Assertions Tested	Tests	Anomaly
SPT-CA-03 If connectivity between the mobile device and cellular		
forensic tool is disrupted, then the tool shall notify the user that	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview pane or	2	
generated report.		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target		
device without error, then subscriber-related information shall be	1	
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	1	
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	1	
useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target	 	
device without error, then maximum length address book entries shall	1	
be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target		
	1	
device without error, then address book entries containing special	1	
characters shall be presented in a useable format.		
SPT-CA-10 If a cellular forensic tool completes acquisition of the target	1	
device without error, then address book entries containing blank names	1	
shall be presented in a useable format.		
SPT-CA-11 If a cellular forensic tool completes acquisition of the target	4	
device without error, then email addresses associated with address book	1	
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	1	3.1
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	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	1	
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	1	
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	1	
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	1	

Assertions Tested	Tests	Anomaly
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	1	
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)	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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-	1	
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	1	
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	1	
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	2	
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	2	
acquisition of all individually selected data objects without error.	ļ	
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	2	
shall acquire each exclusive data object without error.	<u> </u>	
SPT-CA-32 If a cellular forensic tool completes two consecutive logical	1	

Assertions Tested	Tests	Anomaly
acquisitions of the target device without error, then the payload (data		
objects) on the mobile device shall remain consistent.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall present the acquired data in a	1	
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	1	
useable format in a preview pane view.		
SPT-AO-27 If the case file or individual data objects are modified via		
third-party means, then the tool shall provide protection mechanisms	1	
disallowing or reporting data modification.		
SPT-AO-31 If the cellular forensic tool supports a physical acquisition		
of the target device, then the tool shall complete the acquisition without	1	
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	1	
report recoverable active and deleted data or address book data remnants	1	
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	1	
report recoverable active and deleted calendar, tasks, or note data	1	
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	1	
recoverable active and deleted call or call log data remnants in a useable	1	
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	1	
recoverable active and deleted SMS messages or SMS message data	1	
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	4	
recoverable active and deleted EMS messages or EMS message data	1	
remnants in a useable format.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters, then the application should present address book entries in	1	
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	1	
their native format.		
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	1	
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	1	
, me toot same present me user with the longitude and latitude		l

Assertions Tested	Tests	Anomaly
coordinates for all GPS-related data in a useable format.		

Table 3g: Assertions Tested: (HTC Thunderbolt)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		, , , , , , , , , , , , , , , , , , ,
of the target device, then the tool shall successfully recognize the target	1	
device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
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 is	1	
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	1	
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview pane or	2	
generated report.		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target		
device without error, then subscriber-related information shall be	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	3.1
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	1	
presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-14 If a cellular forensic tool completes acquisition of the target		
device without error, then maximum length datebook, calendar, note	1	
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	1	
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	1	
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	1	
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	1	
messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target		
device without error, then the corresponding status (i.e., read, unread)	1	
for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target		
device without error, then the corresponding sender / recipient phone	1	
numbers for text messages shall be presented in a useable format.	1	
	<u> </u>	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target	1	3.2
device without error, then MMS messages and associated audio shall be	1	3.2
presented in a useable format.		
SPT-CA-22 If a cellular forensic tool completes acquisition of the target	1	2.0
device without error, then MMS messages and associated graphic files	1	3.2
shall be presented in a useable format.	<u> </u>	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target		2.2
device without error, then MMS messages and associated video shall be	1	3.2
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	1	
useable format via either an internal application or suggested third-party	1	
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	1	
a useable format via either an internal application or suggested third-	1	
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	1	
useable format via either an internal application or suggested third-party	1	
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	2	
complete the acquisition of all data objects without error.		

Assertions Tested	Tests	Anomaly
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	2	
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	2	
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	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall present the acquired data in a	1	
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	1	
useable format in a preview pane view.		
SPT-AO-27 If the case file or individual data objects are modified via		
third-party means, then the tool shall provide protection mechanisms	1	
disallowing or reporting data modification.		
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII		
characters, then the application should present address book entries in	1	
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	1	
their native format.		
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	1	
each supported data object.		

Table 3h: Assertions Tested: (Palm Pre2)

Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity		
of the target device, then the tool shall successfully recognize the target	1	
device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
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 is	1	
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	1	3.4
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview pane or	2	
generated report.		
SPT-CA-05 If a cellular forensic tool completes acquisition of the target	1	
device without error, then subscriber-related information shall be	1	

Assertions Tested	Tests	Anomaly
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	1	3.5
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	1	3.1
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	1	3.1
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	1	
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	1	
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	1	3.1
entries shall be presented in a useable format.		0.1
SPT-CA-12 If a cellular forensic tool completes acquisition of the target		
device without error, then graphics associated with address book entries	1	3.1
shall be presented in a useable format.		0.1
SPT-CA-13 If a cellular forensic tool completes acquisition of the target		
device without error, then datebook, calendar, note entries shall be	1	
presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target		
device without error, then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target		
device without error, then MMS messages and associated audio shall be	1	
presented in a useable format.	1	
SPT-CA-22 If a cellular forensic tool completes acquisition of the target		
device without error, then MMS messages and associated graphic files	1	
shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target		
device without error, then MMS messages and associated video shall be	1	
presented in a useable format.	1	
SPT-CA-24 If a cellular forensic tool completes acquisition of the target		
device without error, then stand-alone audio files shall be presented in a		
useable format via either an internal application or suggested third-party	1	
application.		
SPT-CA-25 If a cellular forensic tool completes acquisition of the target	1	
device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-	1	
party application.		

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

Table 3i: Assertions Tested: (Samsung Haven)

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

Assertions Tested	Tests	Anomaly
connectivity has been disrupted.		
SPT-CA-04 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall have the ability to present	2	
acquired data objects in a useable format via either a preview pane or	2	
generated report.		
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	1	
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	1	
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	1	
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	1	
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	1	
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	1	
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	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	1	
entries shall be 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	2	
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	2	
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	2	
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	1	
objects) on the mobile device shall remain consistent.		
SPT-AO-25 If a cellular forensic tool completes acquisition of the target		
device without error, then the tool shall present the acquired data in a	1	
useable format via supported/generated report formats.		
SPT-AO-26 If a cellular forensic tool completes acquisition of the target	1	

Assertions Tested	Tests	Anomaly
device without error, then the tool shall present the acquired data in a		
useable format in a preview pane view.		
SPT-AO-27 If the case file or individual data objects are modified via		
third-party means, then the tool shall provide protection mechanisms	1	
disallowing or reporting data modification.		
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	1	
each supported data object.		

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

Table 4a: Assertions Not Tested (iPhone4 GSM)

Assertions Not Tested

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-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 Torch)

Assertions Not Tested

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-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 (Samsung Focus)

Assertions Not Tested

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-15 If a cellular forensic tool completes acquisition of the target device without error, then call logs (incoming/outgoing/missed) shall be presented in a useable format.

SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.

SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error, then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.

SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps for text messages shall be presented in a useable format.

SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

- SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
- SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated audio shall be presented in a useable format.
- SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated graphic files shall be presented in a useable format.
- SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated video shall be presented in a useable format.
- SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without 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-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 (Nokia 6350)

Assertions Not Tested

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error, then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.

SPT-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 (Motorola Tundra)

Assertions Not Tested

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-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 (iPhone4 CDMA)

Assertions Not Tested

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-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 nonsupported 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 ADN shall be presented in a useable format.

SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error, then ADN 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 ADN 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 a "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-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 4g: Assertions Not Tested (HTC Thunderbolt)

Assertions Not Tested

SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.

SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without error, then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.

SPT-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 nonsupported 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 ADN shall be presented in a useable format.

SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error, then ADN 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 ADN 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 a "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 4h: Assertions Not Tested (Palm Pre2)

Assertions Not Tested

SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error, then call logs (incoming/outgoing/missed) shall be presented in a useable format.

SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs

shall be presented in a useable format.

SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error, then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.

SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps for text messages shall be presented in a useable format.

SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.

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-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 nonsupported 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 ADN shall be presented in a useable format.

SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error, then ADN 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 ADN 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 a "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 4i: Assertions Not Tested (Samsung Haven)

Assertions Not Tested

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-15 If a cellular forensic tool completes acquisition of the target device without error, then call logs (incoming/outgoing/missed) shall be presented in a useable format.

SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.

SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error, then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.

SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps for text messages shall be presented in a useable format.

SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without

- error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.
- SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
- SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated audio shall be presented in a useable format.
- SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated graphic files shall be presented in a useable format.
- SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated video shall be presented in a useable format.
- SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-27 If a cellular forensic tool completes acquisition of the target device without error, then device specific application-related data shall be acquired and presented in a useable format via either an internal application or suggested third-party application.
- SPT-CA-28 If a cellular forensic tool completes acquisition of the target device without 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 nonsupported 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 ADN shall be presented in a useable format.
- SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error, then ADN 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 ADN 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 a "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-40 If the cellular forensic tool supports display of non-ASCII characters, then the application should present ADN 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 from Tables 3a – 3i.

3.1 Acquisition of Personal Information Management (PIM) data

For test case SPT-06, graphics files associated with address book entries were not reported for the iPhone4 GSM, iPhone4 CDMA, HTC Thunderbolt or the Palm Pre2.

Regular length address book entries with fields for a first, middle and last name were reported incorrectly for the Samsung Focus. The first name was appended with a semicolon, e.g., "John Doe Smith" was reported as: "John; Doe Smith".

Regular length address book entries containing a value in only the first name field were reported incorrectly for the Motorola Tundra. The content of the first name field was reported twice, e.g., "John" was reported as: "John John". Also, memo application-related data was not reported.

Regular length address book entries containing a first, middle and last name were reported incorrectly for the Palm Pre2. The middle name was not reported. Maximum length address book entries were truncated for the Palm Pre2 (a maximum of 54 characters were reported). Also, email addresses were not reported.

3.2 Acquisition of MMS messages

The textual portion of MMS messages was not reported for the BlackBerry Torch, Nokia 6350 or the HTC Thunderbolt for test case SPT–09.

3.3 Acquisition of call log data

For test case SPT-07, incoming, outgoing and missed calls were not reported for the Motorola Tundra.

3.4 Notification of device acquisition disruption

Notification of device acquisition disruption was not successful in Test case SPT-03 for the Palm Pre2. The acquisition was disrupted by removing the cable from the mobile device. Instead of informing the examiner that connectivity with the mobile device had been disrupted, the tool appeared to continue acquiring the contents of the mobile device.

3.5 Acquisition of subscriber and equipment-related information

Mobile equipment identifier (MEID) for the Palm Pre2 was not reported for test case SPT-05.

3.6 Acquisition of PIM data containing non-ASCII characters

For test case SPT-33, non-ASCII address book entries acquired from the BlackBerry Torch were reported incorrectly, e.g., 'é' is reported as a box character ('\(\sigma'\)).

3.7 Acquisition of supported data elements

When attempting to acquire call log data for the Motorola Tundra for test case SPT-13, the acquisition ends with the following error message: "VA76R Tundra (Cable 80): Cannot read extra info."

4 Testing Environment

The tests were run in the NIST CFTT lab. This section describes the testing environment including available computers, mobile devices and the data objects used to popuate mobile devices and Subscriber Identity Modules.

4.1 Test Computers

One computer was used to run the tool: Morrisy.

Morrisy has the following configuration:

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

4.2 Mobile Devices

The following table lists the mobile devices used.

Table 4.2 Mobile Devices

Make	Model	OS	Network
Apple iPhone	4	iOS v4.3.3 (8J2)	AT&T
Blackberry	9800 (Torch)	Blackberry v6.0.0.526	AT&T
Samsung	SGH-i917 (Focus)	Windows Phone 7	AT&T
Nokia	6350	V13.17 09-12-10 RM-455	AT&T
Motorola	Tundra	R63715_U_71.01.82R	AT&T
Apple iPhone	4	iOS v4.2.10 (8E600)	Verizon
HTC	Thunderbolt	Android 2.2.1	Verizon
Palm	Pre2	Palm webOS 2.0.1	Verizon

Make	Model	os	Network
Samsung	Haven	DJ26	Verizon

4.3 Internal memory data objects

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

Table 4.3 Internal Memory Data Objects

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	

Data Objects	Data Elements
	Incoming Audio
	Incoming Graphic
	Incoming Video
	Outgoing Audio
	Outgoing Graphic
	Outgoing Video
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.

Table 4.4 Subscriber Identity Module Data Objects

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 tool under test. Conformance with each assertion tested by a given test case is evaluated by examining the **Log Highlights** box of the test report.

5.1 Test Results Report Key

The following table presents an explanation of each section of the test details in section 5.2. The Tester Name, Test Host, Test Date, Device, Source Setup and Log Highlights sections for each test case are populated by excerpts taken from the log files produced by the tool under test.

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, 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

The test results are presented in this section.

5.2.1 SPT-01 (iPhone4 GSM)

Test Case SPT	-01 Cellebrite Version 1.1.8.6		
Case	SPT-01 Acquire mobile device internal memory over tool-support	ted 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-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.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Fri Dec 16 08:37:40 EST 2011		
Device:	iPhone4_GSM		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 16 08:37:40 EST 2011 Acquisition finished: Fri Dec 16 08:43:20 EST 2011 Device connectivity was established via supported interface		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	SPT-CA-01 Device connectivity via supported interfaces.	as expected	
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition.	as expected	
	SPT-CA-32 Perform back-to-back acquisitions, check device payload for modifications.	as expected	
Analysis:	Expected results achieved		

5.2.2 SPT-02 (iPhone4 GSM)

	,
Test Case SPT-	-02 Cellebrite Version 1.1.8.6
Case	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.
Summary:	
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 is not supported.

Test Case SPT-02 Cellebrite Version 1.1.8.6			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Dec 16 08:57:02 EST 2011		
Device:	unsupported_device		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Fri Dec 16 08:57:02 EST 2011		
	Acquisition finished: Fri Dec 16 08:58:13 EST 2011		
	Identification of nonsupported devices was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected	
Analysis:	Expected results achieved		

5.2.3 SPT-03 (iPhone4 GSM)

Test Case SPT	-03 Cellebrite Version 1.1.8.6
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:	Fri Dec 16 09:03:51 EST 2011
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by Cellebrite
Highlights:	Acquisition started: Fri Dec 16 09:03:51 EST 2011
	Acquisition finished: Fri Dec 16 09:05:51 EST 2011
	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 (iPhone4 GSM)

Test Case SPT-04 Cellebrite Version 1.1.8.6		
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:	Fri Dec 16 09:23:14 EST 2011	

Test Case SPT	-04 Cellebrite Version 1.1.8.6	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 16 09:23:14 EST 2011 Acquisition finished: Fri Dec 16 09:30:39 EST 2011 Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

5.2.5 SPT-05 (iPhone4 GSM)

SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment-related information (e.g., IMEI/MEID/ESN, MSISDN). Assertions: SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error, then subscriber-related information shall be presented in a useable format. SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error, then equipment-related information shall be presented in a useable format. Tester Name: rpa	Test Case SPT	-05 Cellebrite Version 1.1.8.6		
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: Test Name: Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600 Interface: cable Log Highlights: Created by Cellebrite Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Case	SPT-05 Acquire mobile device internal memory and review reported subscriber		
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: Test Name: Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source Setup: Interface: cable Log Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:32:38 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Summary:	and equipment-related information (e.g.,	IMEI/MEID/ESN, MS	ISDN).
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: Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source Setup: OS: WIN XP v5.1.2600 Interface: cable Log Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 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	Assertions:			_
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. Test Name: rpa Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source Setup: Interface: cable Log Highlights: Created by Cellebrite Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result		*	ated information	shall be
device without error, then equipment-related information shall be presented in a useable format. Tester Name: rpa Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600 Interface: cable Log Created by Cellebrite Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result Actual Result SPT-CA-05 Acquisition of IMEI/MEID/ESN. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected		-		
Tester Name: rpa Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600 Setup: Interface: cable Log Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result		·		<u> </u>
Tester Name: rpa Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source Setup: OS: WIN XP v5.1.2600 Interface: cable Log Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result			ted information s	hall be presented
Test Host: Morrisy Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source Setup: OS: WIN XP v5.1.2600 Interface: cable Log Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected		in a useable format.		
Test Date: Fri Dec 16 09:32:38 EST 2011 Device: iPhone4_GSM Source Setup: OS: WIN XP v5.1.2600 Interface: cable Log Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Tester Name:	rpa		
Device: iPhone4_GSM Source	Test Host:	Morrisy		
Source Setup: OS: WIN XP v5.1.2600 Interface: cable Created by Cellebrite Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Test Date:	Fri Dec 16 09:32:38 EST 2011		
Setup: Interface: cable Log Highlights: Created by Cellebrite Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Device:	iPhone4_GSM		
Log Highlights: Created by Cellebrite Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Source	OS: WIN XP v5.1.2600		
Highlights: Acquisition started: Fri Dec 16 09:32:38 EST 2011 Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Setup:	Interface: cable		
Acquisition finished: Fri Dec 16 09:35:08 EST 2011 Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Log	Created by Cellebrite		
Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Highlights:	Acquisition started: Fri Dec 16 09:32:38 EST 2011		
Results: Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected		Acquisition finished: Fri Dec 16 09:35:08 EST 2011		
Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected		Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired		
SPT-CA-05 Acquisition of MSISDN, IMSI. as expected SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected	Results:			
SPT-CA-06 Acquisition of IMEI/MEID/ESN. as expected		Assertion & Expected Result	Actual Result	
			_	
		SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected	
Analysis: Expected results achieved	Analysis:	Expected results achieved		

5.2.6 SPT-06 (iPhone4 GSM)

Test Case SPT	-06 Cellebrite Version 1.1.8.6
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

Test Case SPT	-06 Cellebrite Version 1.1.8.6	
	characters shall be presented in a useable format.	
	SPT-CA-10 If a cellular forensic tool completes acquisition of	of the target
	device without error, then address book entries containing b	lank names
	shall be presented in a useable format.	
	SPT-CA-11 If a cellular forensic tool completes acquisition of	of the target
	device without error, then email addresses associated with ac	_
	entries shall be presented in a useable format.	202 2001
	SPT-CA-12 If a cellular forensic tool completes acquisition of	of the target
	device without error, then graphics associated with address h	
	shall be presented in a useable format.	JOON CHICLICS
	SPT-CA-13 If a cellular forensic tool completes acquisition of	of the target
	device without error, then datebook, calendar, note entries a	
	presented in a useable format.	silati be
	-	of the target
	SPT-CA-14 If a cellular forensic tool completes acquisition of	
	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 Dec 16 09:47:29 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
_		
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 16 09:47:29 EST 2011	
3 5	Acquisition finished: Fri Dec 16 09:51:34 EST 2011	
	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 acquired	
	Email addresses within Address Book entries were acquired	
	Embedded graphics within Address Book entries were not acquired	han
	Basic PIM related data was acquired	- Cu
	Maximum length PIM related data was acquired	
	maximum length Pim related data was acquired	
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
1	entries.	
1	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	22.1.20000
	SPT-CA-10 Acquisition of address book entries containing a	as expected
1	blank name entry.	onpooded
	SPT-CA-11 Acquisition of embedded email addresses within	as expected
	address book entries.	as expected
	SPT-CA-12 Acquisition of embedded graphics within address	Not as
	book entries.	expected
	SPT-CA-13 Acquisition of PIM data (i.e.,	
		as expected
	datebook/calendar, notes). SPT-CA-14 Acquisition of maximum length PIM data.	ag ownested
	SFI-CA-14 ACQUISICION OF MAXIMUM TENGEN FIM CACA.	as expected
Analysis:	Expected results partially achieved	

5.2.7 SPT-07 (iPhone4 GSM)

Test Case SPT	Test Case SPT-07 Cellebrite Version 1.1.8.6	
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	

Test Case SPT	-07 Cellebrite Version 1.1.8.6	
	device without error, then the corresponding date/tim duration of the call for call logs shall be presented	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 16 10:01:28 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 16 10:01:28 EST 2011 Acquisition finished: Fri Dec 16 10:09:12 EST 2011 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	

5.2.8 SPT-08 (iPhone4 GSM)

Test Case SPT	-08 Cellebrite Version 1.1.8.6		
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 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., refor 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 / recipied numbers for text messages shall be presented in a useable form	f the target for text f the target ad, unread) f the target the target nt phone	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Dec 16 10:29:51 EST 2011		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 16 10:29:51 EST 2011 Acquisition finished: Fri Dec 16 10:52:53 EST 2011 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-17 Acquisition of text messages.	as expected	
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	
	SPT-CA-19 Acquisition of text message status flags.	as expected	

Test Case SPT	Test Case SPT-08 Cellebrite Version 1.1.8.6	
	SPT-CA-20 Acquisition of sender/recipient phone number	as expected
	associated with text messages.	
Analysis:	Expected results achieved	·

5.2.9 SPT-09 (iPhone4 GSM)

Test Case SPT	-09 Cellebrite Version 1.1.8.6	
Case	SPT-09 Acquire mobile device internal memory and review reported MMS	
Summary:	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:	Fri Dec 16 13:29:12 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 16 13:29:12 EST 2011 Acquisition finished: Fri Dec 16 13:32:17 EST 2011 ALL MMS messages (Audio, Image, Video) were acquired	
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	

5.2.10 SPT-10 (iPhone4 GSM)

Test Case SPT	-10 Cellebrite Version 1.1.8.6
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported standalone multimedia data (i.e., audio, graphics, video).
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.
Tester Name:	rpa

Test Case SPT-10 Cellebrite Version 1.1.8.6		
Test Host:	Morrisy	
Test Date:	Fri Dec 16 13:09:30 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 16 13:09:30 EST 2011	
	Acquisition finished: Fri Dec 16 13:13:10 EST 2011	
	Audio files were acquired	
	Image files were 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.	as expected
	SPT-CA-26 Acquisition of stand-alone video files.	as expected
Analysis:	Expected results achieved	

5.2.11 SPT-12 (iPhone4 GSM)

Test Case SPT	-12 Cellebrite Version 1.1.8.6	
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:	Fri Dec 16 13:25:49 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 16 13:25:49 EST 2011	
	Acquisition finished: Fri Dec 16 13:28:51 EST 201	1
	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	

5.2.12 SPT-13 (iPhone4 GSM)

Test Case SPT-13 Cellebrite Version 1.1.8.6	
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of
Summary:	supported data elements.
Assertions:	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 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

Test Case SPT	-13 Cellebrite Version 1.1.8.6	
	"Select Individual" device data objects for acquisition shall acquire each exclusive data object without error.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 16 13:32:45 EST 2011	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 16 13:32:45 EST 2011 Acquisition finished: Fri Dec 16 13:37:51 EST 2011 Acquire All acquisition was successful 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.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
7	The control of the co	
Analysis:	Expected results achieved	

5.2.13 SPT-14 (iPhone4 GSM)

Case Summary: Assertions: SPT-AO-01 If a cellular forensic tool provides support for connecting the target SIM, then the tool shall successfully recognize the target via all tool-supported interfaces (e.g., PC/SC reader, proprietary smart phone itself). Tester Name: Test Host: Morrisy Test Date: Tue Dec 20 06:51:59 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600	eader).
the target SIM, then the tool shall successfully recognize the targ via all tool-supported interfaces (e.g., PC/SC reader, proprietary smart phone itself). Tester rpa Name: Test Host: Morrisy Test Date: Tue Dec 20 06:51:59 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600	
Name: Test Host: Morrisy Test Date: Tue Dec 20 06:51:59 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600	get SIM
Test Date: Tue Dec 20 06:51:59 EST 2011 Device: iPhone4_GSM Source OS: WIN XP v5.1.2600	
Device: iPhone4_GSM Source OS: WIN XP v5.1.2600	
Source OS: WIN XP v5.1.2600	
Setup: Interface: SIM_Reader	
Log Created by Cellebrite	
Highlights: Acquisition started: Tue Dec 20 06:51:59 EST 2011	
Acquisition finished: Tue Dec 20 06:52:28 EST 2011	
Media connectivity was established via supported interface	
Results:	
Assertion & Expected Result Actual Resu	ult
SPT-A0-01 SIM connectivity via supported interfaces. as expected	
Analysis: Expected results achieved	

5.2.14 SPT-15 (iPhone4 GSM)

Test Case SPT-	15 Cellebrite Version 1.1.8.6
Case	SPT-15 Attempt acquisition of a nonsupported SIM.
Summary:	
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported

Test Case SPT-	15 Cellebrite Version 1.1.8.6	
	SIM, then the tool shall notify the user that the	ne SIM is not supported.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Dec 20 06:53:16 EST 2011	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Dec 20 06:53:16 EST 2011 Acquisition finished: Tue Dec 20 07:01:10 EST 2011 Identification of nonsupported media was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-02 Identification of nonsupported SIM.	as expected
Analysis:	Expected results achieved	

5.2.15 SPT-16 (iPhone4 GSM)

Test Case SPT	-16 Cellebrite Version 1.1.8.6		
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:	Tue Dec 20 07:01:45 EST 2011		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Dec 20 07:01:45 EST 2011		
	Acquisition finished: Tue Dec 20 07:06:29 EST 2011		
	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		

5.2.16 SPT-17 (iPhone4 GSM)

Test Case SPT-	Test Case SPT-17 Cellebrite Version 1.1.8.6		
Case	SPT-17 Acquire SIM memory and review reported subscriber and equipment-		
Summary:	related information (i.e., SPN, ICCID, IMSI, MSISDN).		
Assertions:			

Test Case SPT-	-17 Cellebrite Version 1.1.8.6		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Dec 20 07:07:03 EST 2011		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Dec 20 07	:07:03 EST 2011	
	Acquisition finished: Tue Dec 20 07:11:52 EST 2011		
	All subscriber-related data (i.e.,	SPN TOOTD IMSI	MSISDN) was acquired
	THE BUDGET DET TETACOU GARA (T.C.)	DIN, ICCID, IND	r, ribibbi, 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		

5.2.17 SPT-18 (iPhone4 GSM)

Test Case SPT-	-18 Cellebrite Version 1.1.8.6		
Case	SPT-18 Acquire SIM memory and review reported Abb	reviated Dialing Numbers	
Summary:	(ADN).		
Assertions:	SPT-A0-08 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 a		
	SIM without error, then maximum length ADN shall	be presented in a useable	
	format.		
	SPT-AO-10 If a cellular forensic tool completes a	-	
	without error, then ADN containing special charac	ters shall be presented in	
	a useable format. SPT-AO-11 If a cellular forensic tool completes a	agricition of the CIM	
	without error, then ADN containing blank names sh		
	useable format.	all be presented in a	
	ascasic format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Dec 20 07:19:21 EST 2011		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Dec 20 07:19:21 EST 2011		
3 3	Acquisition finished: Tue Dec 20 07:24:04 EST 2011		
	All ADN were acquired		
Dogultar			
Results:	Assertion & Expected Result	Actual Result	
	SPT-AO-08 Acquisition of ADN.		
	SPT-AO-08 Acquisition of ADN. as expected SPT-AO-09 Acquisition of maximum length ADN. as expected		
	SPT-AO-10 Acquisition of special character ADN.	as expected	
	SPT-AO-10 Acquisition of special character ADN. as expected SPT-AO-11 Acquisition of blank name ADN. as expected		
	OIL NO II ACQUIDITION OF DIGHE HAM.	ab expected	
Analysis:	Expected results achieved		

5.2.18 SPT-19 (iPhone4 GSM)

Test Case SPT	-19 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-19 Acquire SIM memory and review reported La	st Numbers Dialed (LND).	
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error, then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding date/time stamps for LNDs shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Dec 20 07:50:04 EST 2011		
Device:	iPhone4_GSM		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Tue Dec 20 07:50:04 EST 201 Acquisition finished: Tue Dec 20 07:51:26 EST 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		

5.2.19 SPT-20 (iPhone4 GSM)

Test Case SPT	-20 Cellebrite Version 1.1.8.6
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII SMS text messages shall be presented in a useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII EMS text messages shall be presented in a useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Dec 20 07:51:56 EST 2011
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite
Highlights:	Acquisition started: Tue Dec 20 07:51:56 EST 2011
	Acquisition finished: Tue Dec 20 07:57:05 EST 2011
	ALL text messages (SMS, EMS) were acquired
	All date/time stamps were reported for text messages

Test Case SPT	-20 Cellebrite Version 1.1.8.6	
	Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text mess correctly reported	sages were
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages. SPT-AO-15 Acquisition of EMS messages.	as expected as expected
	SPT-AO-16 Acquisition of text message date/time stamps. SPT-AO-17 Acquisition of text message status flags. SPT-AO-18 Acquisition of sender/recipient phone number	as expected as expected as expected
	associated with text messages.	as enpeaced
Analysis:	Expected results achieved	

5.2.20 SPT-21 (iPhone4 GSM)

Test Case SPT	-21 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted to (SMS, EMS).	ext messages
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisit. SIM without error, then deleted text messages that have no overwritten shall be presented in a useable format.	_
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Dec 20 08:01:36 EST 2011	
Device:	iPhone4_GSM	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Dec 20 08:01:36 EST 2011 Acquisition finished: Tue Dec 20 08:03:41 EST 2011 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	

5.2.21 SPT-22 (iPhone4 GSM)

	•	
Test Case SPT-22 Cellebrite Version 1.1.8.6		
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:	Tue Dec 20 08:04:13 EST 2011	
Device:	iPhone4_GSM	

Test Case SPT	-22 Cellebrite Version 1.1.8.6	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Dec 20 08:04:13 EST 201 Acquisition finished: Tue Dec 20 08:06:39 EST 20 LOCI data was acquired GPRSLOCI data was acquired	
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected
	±	-
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
Analysis:	Expected results achieved	

5.2.22 SPT-23 (iPhone4 GSM)

Wast Casa Com	22 Gallabuita Vanzian 1 1 0 C	
	-23 Cellebrite Version 1.1.8.6	
Case	SPT-23 Acquire SIM memory by selecting a combination of	supported data
Summary:	elements. SPT-AO-01 If a cellular forensic tool provides support	
Assertions:	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-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, to acquire each exclusive data object without error.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Tue Dec 20 09:12:44 EST 2011	
Device:	iPhone4 GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Dec 20 09:12:44 EST 2011 Acquisition finished: Tue Dec 20 09:13:57 EST 2011 Acquire All acquisition was successful 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-22 Acquire-All data objects acquisition.	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	

5.2.23 SPT-24 (iPhone4 GSM)

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
Case	SPT-24 Acquire mobile device internal memory and review report	rted 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 Dec 20 10:12:10 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Dec 20 10:12:10 EST 2011	
	Acquisition finished: Tue Dec 20 10:14:00 EST 2011	
	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	

5.2.24 SPT-25 (iPhone4 GSM)

Test Case SPT	-25 Cellebrite Version 1.1.8.6	
Case	SPT-25 Acquire mobile device internal memory and review repo	orted 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 Dec 20 10:14:24 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Dec 20 10:14:24 EST 2011 Acquisition finished: Tue Dec 20 10:17:43 EST 2011 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	

5.2.25 SPT-26 (iPhone4 GSM)

Test Case SPT	-26 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supporeport formats.	rted/generated
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition without error, then the tool shall present the acquired data format via supported/generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Dec 20 10:18:21 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Dec 20 10:18:21 EST 2011	
	Acquisition finished: Tue Dec 20 10:19:22 EST 2011	
	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	

5.2.26 SPT-27 (iPhone4 GSM)

Test Case SPT	-27 Cellebrite Version 1.1.8.6	
Case	SPT-27 Acquire SIM memory and review reported data via the p	review pane.
Summary:		-
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition	
	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 Dec 20 10:20:22 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Dec 20 10:20:22 EST 2011	
	Acquisition finished: Tue Dec 20 10:22:22 EST 2011	
		6.7
	Complete representation of known data via preview pane was s	uccessiul
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-26 Comparison of known device data elements via	as expected
	preview pane.	
Analysis:	Expected results achieved	

5.2.27 SPT-28 (iPhone4 GSM)

Test Case SPT-	-28 Cellebrite Version 1.1.8.6
Case	SPT-28 Attempt acquisition of a password-protected SIM.
Summary:	
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 Dec 20 10:38:37 EST 2011
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite
Highlights:	Acquisition started: Tue Dec 20 10:38:37 EST 2011
	Acquisition finished: Tue Dec 20 10:39:48 EST 2011
	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

5.2.28 SPT-29 (iPhone4 GSM)

Test Case SPT	-29 Cellebrite Version 1.1.8.6	
Case	SPT-29 After a successful mobile device internal memory	y, alter the case
Summary:	file via third-party means and attempt to reopen the ca	ase.
Assertions:	SPT-AO-27 If the case file or individual data objects	are modified via
	third-party means, then the tool shall provide protect.	ion mechanisms
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Dec 29 07:47:01 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Dec 29 07:47:01 EST 2011	
	Acquisition finished: Thu Dec 29 07:49:54 EST 2011	
	Notification of modified device memory data was success	sful
Results:		T
	Assertion & Expected Result	Actual Result
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

5.2.29 SPT-30 (iPhone4 GSM)

Test Case SPT	-30 Cellebrite Version 1.1.8.6
Case	SPT-30 After a successful SIM acquisition, alter the case file via third-
Summary:	party means and attempt to reopen 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.
The set of Manager	
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Dec 29 07:51:23 EST 2011
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite
Highlights:	Acquisition started: Thu Dec 29 07:51:23 EST 2011
	Acquisition finished: Thu Dec 29 07:54:12 EST 2011
	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

5.2.30 SPT-31 (iPhone4 GSM)

Test Case SPT	-31 Cellebrite Version 1.1.8.6	
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:	Thu Dec 29 09:44:03 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 29 09:44:03 EST 2011	
1119111191100	Acquisition finished: Thu Dec 29 10:06:00 EST 2011	
	Physical Acquisition: readability and completeness was succ	cessful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-31 Physical acquisition, data is presented in a useable format.	as expected
Analysis:	Expected results achieved	

5.2.31 SPT-32 (iPhone4 GSM)

Test Case SPT	-32 Cellebrite Version 1.1.8.6	
Case	SPT-32 Perform a physical acquisition and review reports for	recoverable
Summary:	deleted data.	
Assertions:	SPT-AO-32 If the cellular forensic tool supports the interpre	
	address book entries present on the target device, then the t	
	report recoverable active and deleted data or address book data a useable format.	ita remnants in
	SPT-AO-33 If the cellular forensic tool supports the interpre	station of
	calendar, tasks, or notes present on the target device, then	
	report recoverable active and deleted calendar, tasks, or not	
	remnants in a useable format.	
	SPT-AO-34 If the cellular forensic tool supports the interprelogs present on the target device, then the tool shall report active and deleted call or call log data remnants in a useable SPT-AO-35 If the cellular forensic tool supports the interpretable of the contract o	recoverable e format. etation of SMS
	messages present on the target device, then the tool shall recoverable active and deleted SMS messages or SMS message data useable format.	-
	SPT-AO-36 If the cellular forensic tool supports the interpresent on the target device, then the tool shall recoverable active and deleted EMS messages or EMS message data useable format.	port
	SPT-AO-37 If the cellular forensic tool supports the interpreaudio files present on the target device, then the tool shall recoverable active and deleted audio data or audio file data useable format.	report
	SPT-AO-38 If the cellular forensic tool supports the interpre graphic files present on the target device, then the tool sha	
	recoverable active and deleted graphic file data or graphic f	-
	remnants in a useable format.	
	SPT-AO-39 If the cellular forensic tool supports the interpre	
	video files present on the target device, then the tool shall recoverable active and deleted video file data or video file	_
	in a useable format.	adia ICHHIdIILS
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Dec 29 09:44:26 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
_		
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Dec 29 09:44:26 EST 2011 Acquisition finished: Thu Dec 29 10:06:16 EST 2011	
	Deleted address book entries were recovered	
	Deleted PIM data was recovered	
	Deleted Call log data was recovered	
	Deleted test manner data and	
	Deleted text message data was recovered	
	Deleted audio data was not recovered - NA	
	-	
	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA	the
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View.	
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using	Actual
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View. Assertion & Expected Result	Actual Result
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View. Assertion & Expected Result SPT-AO-32 Physical acquisition, recovery of deleted	Actual
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View. Assertion & Expected Result SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	Actual Result as expected
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View. Assertion & Expected Result SPT-AO-32 Physical acquisition, recovery of deleted	Actual Result
Results:	Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View. Assertion & Expected Result SPT-AO-32 Physical acquisition, recovery of deleted address book entries. SPT-AO-33 Physical acquisition, recovery of deleted PIM	Actual Result as expected

Test Case SPT	-32 Cellebrite Version 1.1.8.6	
	logs.	
	SPT-AO-35 Physical acquisition, recovery of deleted SMS	as expected
	messages.	
	SPT-AO-36 Physical acquisition, recovery of deleted EMS	as expected
	messages.	
		_
Analysis:	Expected results achieved	

5.2.32 SPT-33 (iPhone4 GSM)

Test Case SPT	-33 Cellebrite Version 1.1.8.6	
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 characters, then the application should present address bootheir native format. SPT-AO-41 If the cellular forensic tool supports proper display ASCII characters, then the application should present text their native format.	k entries in
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Dec 29 07:54:54 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 29 07:54:54 EST 2011 Acquisition finished: Thu Dec 29 07:58:53 EST 2011 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/ADN.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.33 SPT-34 (iPhone4 GSM)

Test Case SPT-	-34 Cellebrite Version 1.1.8.6
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 ADN 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 Dec 29 07:59:45 EST 2011
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite

Test Case SPT	-34 Cellebrite Version 1.1.8.6	
Highlights:	Acquisition started: Thu Dec 29 07:59:45 EST 2011 Acquisition finished: Thu Dec 29 08:04:47 EST 2011 Non-ASCII ADN were acquired and properly displayed Non-ASCII text messages were acquired and properly disp	layed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADN.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.34 SPT-35 (iPhone4 GSM)

Test Case SPT	-35 Cellebrite Version 1.1.8.6	
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 Dec 29 14:15:30 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 29 14:15:30 EST 2011 Acquisition finished: Thu Dec 29 14:34:03 EST 2011 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	

5.2.35 SPT-36 (iPhone4 GSM)

Test Case SPT	Test Case SPT-36 Cellebrite Version 1.1.8.6	
Case	SPT-36 Begin acquisition on a SIM whose PIN attempts have been exhausted to	
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:	Thu Dec 29 14:15:57 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	

Test Case SPT	Test Case SPT-36 Cellebrite Version 1.1.8.6	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 29 14:15:57 EST 2011 Acquisition finished: Thu Dec 29 14:34:20 EST 2011 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	

5.2.36 SPT-38 (iPhone4 GSM)

Test Case SPT	-38 Cellebrite Version 1.1.8.6	
Case	SPT-38 Acquire mobile device internal memory and review has	h values for
Summary:	vendor-supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing fo data objects, then the tool shall present the user with a h each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Dec 29 14:37:52 EST 2011	
Device:	iPHone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 29 14:37:52 EST 2011 Acquisition finished: Thu Dec 29 14:40:47 EST 2011 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	

5.2.37 SPT-39 (iPhone4 GSM)

Test Case SPT	-39 Cellebrite Version 1.1.8.6
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 each supported data object.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Dec 29 14:38:12 EST 2011
Device:	iPhone4_GSM
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 29 14:38:12 EST 2011
	Acquisition finished: Thu Dec 29 14:41:32 EST 2011

Test Case SP	T-39 Cellebrite Version 1.1.8.6	
	Hash values were properly reported for individually acqui	red SIM data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

5.2.38 SPT-40 (iPhone4 GSM)

Test Case SPT	-40 Cellebrite Version 1.1.8.6	
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 acquisition of GPS data, then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 06:58:35 EST 2011	
Device:	iPhone4_GSM	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 06:58:35 EST 2011	
	Acquisition finished: Fri Dec 30 07:05:36 EST 2011	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-44 Acquire data, check GPS data for consistency.	as expected
Analysis:	Expected results achieved	

5.2.39 SPT-01 (BlackBerry Torch)

Test Case SPT	-01 Cellebrite Version 1.1.8.6
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-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.

Test Case SPT	-01 Cellebrite Version 1.1.8.6	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Jan 30 07:50:55 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 07:50:55 EST 2012	
	Acquisition finished: Mon Jan 30 07:55:27 EST 2012	
	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.	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	as expected
	payload for modifications.	_
Analysis:	Expected results achieved	
	Empossed results delitered	

5.2.40 SPT-02 (BlackBerry Torch)

Test Case SPT-02 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile 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 is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 07:56:59 EST 2012	
Device:	unsupported_device	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 07:56:59 EST 2012	
	Acquisition finished: Mon Jan 30 07:58:49 EST 2012	
	Identification of nonsupported devices was successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-CA-02 Identification of nonsupported devices. as expected	
Analysis:	Expected results achieved	

5.2.41 SPT-03 (BlackBerry Torch)

Test Case SPT-03 Cellebrite Version 1.1.8.6		
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:	Mon Jan 30 07:59:24 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 07:59:24 EST 2012	
	Acquisition finished: Mon Jan 30 08:00:31 EST 2012	
	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	

5.2.42 SPT-04 (BlackBerry Torch)

Test Case SP	I-04 Cellebrite Version 1.1.8.6	
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 device without error, then the tool shall have the ability to acquired data objects in a useable format via either a previet generated report.	present
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Jan 30 08:01:03 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:		
	Acquisition finished: Mon Jan 30 08:04:08 EST 2012	
	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	

5.2.43 SPT-05 (BlackBerry Torch)

Test Case SPT-05 Cellebrite Version 1.1.8.6			
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-rela	ated information	shall be
	presented in a useable format.		
	SPT-CA-06 If a cellular forensic tool com		_
	device without error, then equipment-rela	ted information s	shall be presented
	in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jan 30 08:31:24 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 08:31:24	EST 2012	
	Acquisition finished: Mon Jan 30 08:32:39 EST 2012		
	Subscriber and equipment-related data (i.e., MSISDN, IMEI) were acquired		
	subscriber and equipment-related data (1.	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		
WIGTARTS.	Expected tesuits achieved		

5.2.44 SPT-06 (BlackBerry Torch)

Test Case SPT	-06 Cellebrite Version 1.1.8.6
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 maximum length datebook, calendar, note entries
	shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jan 30 08:50:21 EST 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600

Test Case SPT-06 Cellebrite Version 1.1.8.6		
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 08:50:21 EST 2012 Acquisition finished: Mon Jan 30 09:11:48 EST 2012 All address book entries were successfully acquired ALL PIM related data was acquired	
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	

5.2.45 SPT-07 (BlackBerry Torch)

Test Case SPT	-07 Cellebrite Version 1.1.8.6		
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/outgoi	ng/missed) shall be	
	presented in a useable format.		
	SPT-CA-16 If a cellular forensic tool completes acqui		
	device without error, then the corresponding date/tim	_	
	duration of the call for call logs shall be presented	in a useable format.	
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jan 30 09:13:04 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 09:13:04 EST 2012		
	Acquisition finished: Mon Jan 30 09:17:44 EST 2012		
	All Call Logs (incoming, outgoing, missed) were acqui	red	
	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		

5.2.46 SPT-08 (BlackBerry Torch)

Test Case SPT	-08 Cellebrite Version 1.1.8.6	
Case	SPT-08 Acquire mobile device internal memory and review report	ted text
Summary:	messages.	004 00110
Assertions:	SPT-CA-17 If a cellular forensic tool completes acquisition of device without error, then ASCII text messages (i.e., SMS, EMPRESENTED IN A SET IN A	f the target for text f the target ad, unread) f the target at phone
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 09:20:34 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
secup.	Interface, capie	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 09:20:34 EST 2012 Acquisition finished: Mon Jan 30 09:22:41 EST 2012 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	as expected
	associated with text messages.	
Analysis:	Expected results achieved	

5.2.47 SPT-09 (BlackBerry Torch)

Test Case SPT-09 Cellebrite Version 1.1.8.6		
Case	SPT-09 Acquire mobile device internal memory and review reported MMS	
Summary:	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:	Mon Jan 30 09:39:56 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	

Created by Cellebrite Acquisition started: Mon Jan 30 09:39:56 EST 2012 Acquisition finished: Mon Jan 30 10:00:28 EST 2012	
Partial audio MMS messages were acquired Partial image MMS messages were acquired Partial video MMS messages were acquired Notes: The textual portion of MMS messages were not acquired.	
Assertion & Expected Result	Actual Result
SPT-CA-21 Acquisition of audio MMS messages.	Not as expected
SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected
SPT-CA-23 Acquisition of video MMS messages.	Not as expected
	Partial image MMS messages were acquired Partial video MMS messages were acquired Notes: The textual portion of MMS messages were not acquired. Assertion & Expected Result SPT-CA-21 Acquisition of audio MMS messages. SPT-CA-22 Acquisition of graphic data image MMS messages.

5.2.48 SPT-10 (BlackBerry Torch)

Test Case SPT	-10 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-10 Acquire mobile device internal memory and revi alone multimedia 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 sh 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 a useable format via either an internal application o party application. SPT-CA-26 If a cellular forensic tool completes acqui device without error, then stand-alone video files sh useable format via either an internal application or application.	all be presented in a suggested third-party sition of the target shall be presented in r suggested third-sition of the target all be presented in a
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 10:24:33 EST 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 10:24:33 EST 2012 Acquisition finished: Mon Jan 30 10:30:43 EST 2012 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
Analysis:	Expected results achieved	

5.2.49 SPT-12 (BlackBerry Torch)

Test Case SPT	-12 Cellebrite Version 1.1.8.6	
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 a device without error, then Internet related data sites) cached to the device shall be acquired and	(i.e., bookmarks, visited
	format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 12:41:10 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 12:41:10 EST 2012	
	Acquisition finished: Mon Jan 30 12:42:34 EST 201	2
	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	

5.2.50 SPT-13 (BlackBerry Torch)

Test Case SPT	-13 Cellebrite Version 1.1.8.6	
Case	SPT-13 Acquire mobile device internal memory by selecti	ng a combination of
Summary:	supported data elements.	3
Assertions:	SPT-CA-29 If a cellular forensic tool provides the user All" device data objects acquisition option, then the the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user All" individual device data objects, then the tool shal acquisition of all individually selected data objects SPT-CA-31 If a cellular forensic tool provides the user "Select Individual" device data objects for acquisition shall acquire each exclusive data object without error.	with an "Select of complete the rithout error." with the ability to a, then the tool
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 12:42:59 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 12:42:59 EST 2012 Acquisition finished: Mon Jan 30 12:50:42 EST 2012	
	Acquire All acquisition was successful 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.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected

Test Case SPT	-13 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.51 SPT-14 (BlackBerry Torch)

Test Case SPT	-14 Cellebrite Version 1.1.8.6	
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 recognized all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	nize the target SIM
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 12:52:52 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 12:52:52 EST 2012	
	Acquisition finished: Mon Jan 30 12:55:59 EST 2012	
	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	

5.2.52 SPT-15 (BlackBerry Torch)

Test Case SPT-	-15 Cellebrite Version 1.1.8.6
Case Summary:	SPT-15 Attempt acquisition of a nonsupported SIM.
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM, then the tool shall notify the user that the SIM is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Mon Jan 30 12:56:38 EST 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 12:56:38 EST 2012 Acquisition finished: Mon Jan 30 12:59:59 EST 2012 Identification of nonsupported media was successful
Results:	Assertion & Expected Result SPT-AO-02 Identification of nonsupported SIM. as expected
Analysis:	Expected results achieved

5.2.53 SPT-16 (BlackBerry Torch)

Test Case SPT-	-16 Cellebrite Version 1.1.8.6
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 Jan 30 13:01:34 EST 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite
Highlights:	Acquisition started: Mon Jan 30 13:01:34 EST 2012
	Acquisition finished: Mon Jan 30 13:02:55 EST 2012
	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

5.2.54 SPT-17 (BlackBerry Torch)

Test Case SPT-	17 Cellebrite Version 1.1.8.6		
Case	SPT-17 Acquire SIM memory and revi	lew reported subscriber and equipment-	
Summary:	related information (i.e., SPN, IC	CCID, IMSI, MSISDN).	
Assertions:	SIM without error, then the SPN sh. SPT-AO-05 If a cellular forensic to SIM without error, then the ICCID SPT-AO-06 If a cellular forensic to SIM without error, then the IMSI standard spreadon of the SPT-AO-07 If a cellular forensic to SPT-AO-07 II a cellular forensic to SPT-AO-07	cool completes acquisition of the targe hall be presented in a useable format. Cool completes acquisition of the targe shall be presented in a useable format cool completes acquisition of the targe shall be presented in a useable format. Cool completes acquisition of the targe of target of the targe of target o	t · t
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jan 30 13:03:44 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 13 Acquisition finished: Mon Jan 30 1 All subscriber-related data (i.e.,		d
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-04 Acquisition of SPN.	as expected	
	SPT-A0-05 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		

5.2.55 SPT-18 (BlackBerry Torch)

Test Case SPT-	-18 Cellebrite Version 1.1.8.6	
Case	SPT-18 Acquire SIM memory and review reported Abb	reviated Dialing Numbers
Summary:	(ADN).	
Assertions:	SPT-AO-08 If a cellular forensic tool completes a SIM without error, then ASCII Abbreviated Dialing presented in a useable format. SPT-AO-09 If a cellular forensic tool completes a SIM without error, then maximum length ADN shall format. SPT-AO-10 If a cellular forensic tool completes a without error, then ADN containing special characa a useable format. SPT-AO-11 If a cellular forensic tool completes a without error, then ADN containing blank names shuseable format.	Numbers (ADN) shall be cquisition of the target be presented in a useable cquisition of the SIM ters shall be presented in cquisition of the SIM
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 13:10:00 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 13:10:00 EST 2012	
	Acquisition finished: Mon Jan 30 13:12:32 EST 201	2
	All ADN were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-08 Acquisition of ADN.	as expected
	SPT-AO-09 Acquisition of maximum length ADN.	as expected
	SPT-AO-10 Acquisition of special character ADN.	as expected
	SPT-AO-11 Acquisition of blank name ADN.	as expected
Analysis:	Expected results achieved	

5.2.56 SPT-19 (BlackBerry Torch)

Test Case SPT	-19 Cellebrite Version 1.1.8.6
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:	Mon Jan 30 13:12:54 EST 2012
Device:	BlackBerry_Torch
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite
Highlights:	Acquisition started: Mon Jan 30 13:12:54 EST 2012
	Acquisition finished: Mon Jan 30 13:14:45 EST 2012
	LNDs were acquired
	Date/Time Stamps correctly reported for LNDs
	Date/Ilme Stamps Collectly reported for LNDS
Results:	

Test Case SPT-	19 Cellebrite Version 1.1.8.6	
	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	

5.2.57 SPT-20 (BlackBerry Torch)

Test Case SPT	-20 Cellebrite Version 1.1.8.6	
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 SIM without error, then ASCII SMS text messages shall be presuseable format. SPT-AO-15 If a cellular forensic tool completes acquisition of SIM without error, then ASCII EMS text messages shall be presuseable 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	of the target sented in a soft the target or all text of the target, unread) for the target
Tester Name:	for text messages shall be presented in a useable format.	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 13:15:14 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 13:15:14 EST 2012 Acquisition finished: Mon Jan 30 13:33:49 EST 2012 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/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

5.2.58 SPT-21 (BlackBerry Torch)

Test Case SPT-21 Cellebrite Version 1.1.8.6		
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	

Test Case SPT	-21 Cellebrite Version 1.1.8.6	
	overwritten shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 13:34:27 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 13:34:27 EST 2012	
	Acquisition finished: Mon Jan 30 13:36:51 EST 2012	
	Deleted text message data was recovered	
Results:		1
	Assertion & Expected Result	Actual Result
	SPT-AO-19 Acquisition of non-overwritten deleted text	as expected
	messages.	
Analysis:	Expected results achieved	

5.2.59 SPT-22 (BlackBerry Torch)

Test Case SPT	-22 Cellebrite Version 1.1.8.6		
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		
	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:	Mon Jan 30 13:37:18 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 13:37:18 EST 201	2	
підпітупсь.	Acquisition finished: Mon Jan 30 13:39:38 EST 20		
	Acquisition finished: Mon Jan 30 13:39:38 EST 2012		
	LOCI data was acquired		
	GPRSLOCI data was acquired		
Results:			
	Assertion & Expected Result Actual Result		
	SPT-AO-20 Acquisition of LOCI information.	as expected	
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected	
Analysis:	Expected results achieved		

5.2.60 SPT-23 (BlackBerry Torch)

-	
Test Case SPT	-23 Cellebrite Version 1.1.8.6
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

Test Case SPT	-23 Cellebrite Version 1.1.8.6	
	the target SIM, then the tool shall successfully recogn via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself). SPT-AO-22 If a cellular forensic tool provides the user All" SIM data objects acquisition option, then the tool acquisition of all data objects without error. SPT-AO-23 If a cellular forensic tool provides the user All" individual SIM data objects, then the tool shall cacquisition of all individually selected data objects w SPT-AO-24 If a cellular forensic tool provides the user "Select Individual" SIM data objects for acquisition, tacquire each exclusive data object without error.	proprietary reader, with an "Acquire shall complete the with an "Select omplete the ithout error. with the ability to
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 13:40:07 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 13:40:07 EST 2012	
	Acquisition finished: Mon Jan 30 13:41:52 EST 2012	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-01 SIM connectivity via supported interfaces.	as expected
	SPT-A0-22 Acquire-All data objects acquisition.	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	

5.2.61 SPT-24 (BlackBerry Torch)

Test Case SPT	-24 Cellebrite Version 1.1.8.6		
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 acqui	red data in a	
	useable format via supported/generated report formats.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jan 30 13:42:29 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 13:42:29 EST 2012		
	Acquisition finished: Mon Jan 30 13:44:24 EST 2012		
	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	-24 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.62 SPT-25 (BlackBerry Torch)

Test Case SPT	-25 Cellebrite Version 1.1.8.6	
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 Jan 30 13:44:59 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 13:44:59 EST 2012 Acquisition finished: Mon Jan 30 13:48:19 EST 2012 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	
WIGTASTS.	Expected results actived	

5.2.63 SPT-26 (BlackBerry Torch)

Test Case SPT	-26 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via suppor report formats.	rted/generated
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:	Mon Jan 30 13:48:47 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 13:48:47 EST 2012 Acquisition finished: Mon Jan 30 13:50:21 EST 2012 Complete representation of known data via generated reports w	vas 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	

5.2.64 SPT-27 (BlackBerry Torch)

Test Case SDT	-27 Cellebrite Version 1.1.8.6		
Case	SPT-27 Acquire SIM memory and review reported data via the preview pane.		
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:	Mon Jan 30 13:50:45 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 13:50:45 EST 2012		
	Acquisition finished: Mon Jan 30 13:52:48 EST 2012		
	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		

5.2.65 SPT-28 (BlackBerry Torch)

Test Case SPT-	-28 Cellebrite Version 1.1.8.6		
Case	SPT-28 Attempt acquisition of a password-protected SIM.		
Summary:			
Assertions:	SPT-AO-28 If the SIM is password-protected, then the cellular forensic tool		
	shall provide the examiner with the opportunity to acquisition.	input the PIN before	
	acquisition.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Mon Jan 30 13:53:17 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 13:53:17 EST 2012		
	Acquisition finished: Mon Jan 30 13:55:08 EST 2012		
	Thillies to set on DTM on south at all and in he form		
	Ability to enter PIN on protected media before acq	uisition was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-28 Acquisition of password protected SIM.	as expected	
Analysis:	Expected results achieved		

5.2.66 SPT-29 (BlackBerry Torch)

Test Case SPT	-29 Cellebrite Version 1.1.8.6	
Case	SPT-29 After a successful mobile device internal memory	y, alter the case
Summary:	file via third-party means and attempt to reopen 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 protect.	ion mechanisms
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 13:55:46 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 13:55:46 EST 2012	
	Acquisition finished: Mon Jan 30 13:58:02 EST 2012	
	Notification of modified device memory data was success	sful
Results:		
results.	Assertion & Expected Result	Actual Result
		1100001
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	
MIGINATO.	Expected results delifered	

5.2.67 SPT-30 (BlackBerry Torch)

Test Case SPT	-30 Cellebrite Version 1.1.8.6	
Case	SPT-30 After a successful SIM acquisition, alter the ca	ase file via third-
Summary:	party means and attempt to reopen the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects a	
	third-party means, then the tool shall provide protect:	ion mechanisms
	disallowing or reporting data modification.	
The set of Manager		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 13:58:37 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Mon Jan 30 13:58:37 EST 2012	
	Acquisition finished: Mon Jan 30 14:00:19 EST 2012	
	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	·

5.2.68 SPT-33 (BlackBerry Torch)

Test Case SPT-33 Cellebrite Version 1.1.8.6		
Case	SPT-33 Acquire mobile device internal memory and review data containing	
Summary:	non-ASCII characters.	
Assertions:	SPT-A0-40 If the cellular forensic tool supports display of non-ASCII	
	characters, then the application should present address book entries in	

1	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 Jan 30 14:01:09 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 14:01:09 EST 2012		
Highlights.	Acquisition finished: Mon Jan 30 14:01:09 EST 2012		
	negarateron rimibilea: Non oun so rivos so abr 2012		
	Non-ASCII Address book entries were acquired and properly	displayed	
	Non-ASCII text messages were acquired and properly displayed		
	Notes:		
	Non-ASCII characters e.g., 'é' are not displayed properly for Contacts when		
	performing a file system dump.		
- 7.			
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-40 Acquisition of non-ASCII address book	Not as	
	entries/ADN.	expected	
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected	
Analysis:	Expected results partially achieved		

5.2.69 SPT-34 (BlackBerry Torch)

Case Summary: Assertions: SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters, then the application should present ADN in their native form 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: Test Host: Morrisy Test Date: Mon Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source Setup: Interface: SIM_Reader
Assertions: SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters, then the application should present ADN in their native form 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 Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
characters, then the application should present ADN in their native form 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 Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
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 Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
ASCII characters, then the application should present text messages in their native format. Tester Name: rpa Test Host: Morrisy Test Date: Mon Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
their native format. Tester Name: rpa Test Host: Morrisy Test Date: Mon Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
Tester Name: rpa Test Host: Morrisy Test Date: Mon Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
Test Host: Morrisy Test Date: Mon Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
Test Date: Mon Jan 30 14:26:07 EST 2012 Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
Device: BlackBerry_Torch Source OS: WIN XP v5.1.2600
Source OS: WIN XP v5.1.2600
1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Setup: Interface: SIM_Reader
Log Created by Cellebrite
Highlights: Acquisition started: Mon Jan 30 14:26:07 EST 2012
Acquisition finished: Mon Jan 30 14:33:29 EST 2012
Non-ASCII ADN 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 as expected
entries/ADN.
SPT-AO-41 Acquisition of non-ASCII text messages. as expected
Analysis: Expected results achieved

5.2.70 SPT-35 (BlackBerry Torch)

Test Case SPT	-35 Cellebrite Version 1.1.8.6		
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:	Mon Jan 30 14:34:18 EST 2012		
Device:	BlackBerry_Torch		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Mon Jan 30 14:34:18 EST 2012		
	Acquisition finished: Mon Jan 30 14:35:37 EST 2012		
	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		

5.2.71 SPT-36 (BlackBerry Torch)

Test Case SPT	-36 Cellebrite Version 1.1.8.6	
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:	Mon Jan 30 14:36:09 EST 2012	
Device:	BlackBerry_Torch	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 14:36:09 EST 2012 Acquisition finished: Mon Jan 30 14:38:52 EST 2012 Remaining number of PUK attempts were properly display	yed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Analysis:	Expected results achieved	

5.2.72 SPT-38 (BlackBerry Torch)

Test Case SPT	-38 Cellebrite Version 1.1.8.6	
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:	Mon Jan 30 14:39:24 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 14:39:24 EST 2012 Acquisition finished: Mon Jan 30 14:40:58 EST 2012 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	

5.2.73 SPT-39 (BlackBerry Torch)

Test Case SPT	-39 Cellebrite Version 1.1.8.6	
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 each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 14:41:20 EST 2012	
Device:	BlackBerry_Torch	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 14:41:20 EST 2012 Acquisition finished: Mon Jan 30 14:44:35 EST 2012 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	
Alialysis.	Expected results achieved	

5.2.74 SPT-01 (Samsung Focus)

Test Case SPT	-01 Cellebrite Version 1.1.8.6		
Case		ted interfaces	
Summary: Assertions:	SPT-01 Acquire mobile device internal memory over tool-supported interfaces (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-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 pay objects) on the mobile device shall remain consistent.	load (data	
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Wed Feb 1 09:42:12 EST 2012		
Device:	Samsung_Focus		
Source Setup:	OS: WIN XP v5.1.2600 Interface: bluetooth		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 09:42:12 EST 2012 Acquisition finished: Wed Feb 1 09:46:01 EST 2012 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.	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		

5.2.75 SPT-02 (Samsung Focus)

· · · · · · · · · · · · · · · · · · ·		
Test Case SPT	-02 Cellebrite Version 1.1.8.6	
Case	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.	
Summary:		
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 is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 09:46:59 EST 2012	
Device:	unsupported_device	
Source	OS: WIN XP v5.1.2600	

Test Case SPT-02 Cellebrite Version 1.1.8.6		
Setup:	Interface: bluetooth	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 09:46:59 EST 2012 Acquisition finished: Wed Feb 1 09:49:08 EST 2012 Identification of nonsupported devices was successful	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-02 Identification of nonsupported devices.	as expected
Analysis:	Expected results achieved	

5.2.76 SPT-03 (Samsung Focus)

Test Case SPT-	-03 Cellebrite Version 1.1.8.6	
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:	Wed Feb 1 09:49:44 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: bluetooth	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Feb 1 09:49:44 EST 2012	
	Acquisition finished: Wed Feb 1 09:54:12 EST 2012	
	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	·

5.2.77 SPT-04 (Samsung Focus)

Test Case SPT	-04 Cellebrite Version 1.1.8.6
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:	Wed Feb 1 10:08:25 EST 2012
Device:	Samsung_Focus
Source	OS: WIN XP v5.1.2600
Setup:	Interface: bluetooth
Log	Created by Cellebrite
Highlights:	Acquisition started: Wed Feb 1 10:08:25 EST 2012

Test Case SPT	-04 Cellebrite Version 1.1.8.6	
	Acquisition finished: Wed Feb 1 10:12:11 EST 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-04 Readability and completeness of acquired data	as expected
	via supported reports.	
Analysis:	Expected results achieved	

5.2.78 SPT-06 (Samsung Focus)

Test Case SDT	-06 Cellebrite Version 1.1.8.6	
Case	SPT-06 Acquire mobile device internal memory and review report	rted DIM
Summary:	related data.	rced FIM
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target	
ABBCI CIOIIB.	device without error, then address book entries shall be pres	_
	useable format.	ociicca in a
	SPT-CA-08 If a cellular forensic tool completes acquisition	of the target
	device without error, then maximum length address book entric	
	presented in a useable format.	es sharr se
	SPT-CA-09 If a cellular forensic tool completes acquisition	of the target
	device without error, then address book entries containing sp	_
	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 bi	_
	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 a	
	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 h	oook entries
	shall be presented in a useable format.	
	SPT-CA-13 If a cellular forensic tool completes acquisition	
	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	_
	device without error, then maximum length datebook, calendar	, note entries
	shall be presented in a useable format.	
Tester Name:	rma	
Test Host:	rpa Morrisy	
	-	
Test Date:	Wed Feb 1 10:13:38 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: bluetooth	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Feb 1 10:13:38 EST 2012	
migningnes.	Acquisition finished: Wed Feb 1 10:13:30 EST 2012	
	Requisition limished. Wed res I 10.11.55 Est 2012	
	All address book entries were successfully acquired	
	Notes:	
	When Contacts/Address book entries containing a first, middle	e and last name
	are acquired the first name is appended with a semi-colon.	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-07 Acquisition of address book entries.	Not as
		expected
	SPT-CA-08 Acquisition of maximum length address book	as expected
	entries.	

Test Case SPT-	06 Cellebrite Version 1.1.8.6	
	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	as expected
	book entries.	
	SPT-CA-13 Acquisition of PIM data (i.e.,	as expected
	datebook/calendar, notes).	
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected
Analysis:	Expected results partially achieved	

5.2.79 SPT-13 (Samsung Focus)

Test Case SPT	-13 Cellebrite Version 1.1.8.6	
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	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 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:	Wed Feb 1 10:19:31 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: bluetooth	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 10:19:31 EST 2012	
	Acquisition finished: Wed Feb 1 10:31:46 EST 2012	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
Analysis:	Expected results achieved	

5.2.80 SPT-14 (Samsung Focus)

Test Case SPT	-14 Cellebrite Version 1.1.8.6
Case	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).
Summary:	
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 Case SPT	-14 Cellebrite Version 1.1.8.6	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 10:33:31 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 10:33:31 EST 2012 Acquisition finished: Wed Feb 1 10:34:38 EST 2012 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	

5.2.81 SPT-15 (Samsung Focus)

Test Case SPT-	-15 Cellebrite Version 1.1.8.6	
Case	SPT-15 Attempt acquisition of a nonsupported SIM.	
Summary:		
Assertions:	SPT-AO-02 If a cellular forensic tool attempts t	
	SIM, then the tool shall notify the user that th	ne SIM is not supported.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 10:36:06 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Feb 1 10:36:06 EST 2012	2
	Acquisition finished: Wed Feb 1 10:37:09 EST 201	12
	Identification of nonsupported media was success	sful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-02 Identification of nonsupported SIM.	as expected
Analysis:	Expected results achieved	

5.2.82 SPT-16 (Samsung Focus)

Test Case SPT-	-16 Cellebrite Version 1.1.8.6
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 Feb 1 10:38:03 EST 2012
Device:	Samsung_Focus
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite

Test Case SPT-	-16 Cellebrite Version 1.1.8.6	
Highlights:	Acquisition started: Wed Feb 1 10:38:03 EST 2012	
	Acquisition finished: Wed Feb 1 10:42:21 EST 2012	
	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	

5.2.83 SPT-17 (Samsung Focus)

Test Case SPT-	-17 Cellebrite Version 1.1.8.6	
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 Feb 1 10:44:11 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 10:44:11 EST 2012 Acquisition finished: Wed Feb 1 10:46:29 EST 2012 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	

5.2.84 SPT-18 (Samsung Focus)

Test Case SPT-	-18 Cellebrite Version 1.1.8.6
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 ADN shall be presented in a useable
	format.
	SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM
	without error, then ADN 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 ADN containing blank names shall be presented in a

Test Case SPT-18 Cellebrite Version 1.1.8.6		
	useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 10:48:49 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Feb 1 10:48:49 EST 2012	
	Acquisition finished: Wed Feb 1 10:51:00 EST 2012	
	All ADM wore aggrired	
	All ADN were acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-08 Acquisition of ADN.	as expected
	SPT-AO-09 Acquisition of maximum length ADN.	as expected
	SPT-AO-10 Acquisition of special character ADN.	as expected
	SPT-AO-11 Acquisition of blank name ADN.	as expected
Analysis:	Expected results achieved	
wiginer.	Typected results admissed	

5.2.85 SPT-19 (Samsung Focus)

Test Case SPT	-19 Cellebrite Version 1.1.8.6		
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.	Time stamps for LNDs shaff	
	be presented in a dseable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Feb 1 10:51:27 EST 2012		
Device:	Samsung_Focus		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Feb 1 10:51:27 EST 2012		
	Acquisition finished: Wed Feb 1 10:54:06 EST 201	2	
	I NIDA was a same wad		
	LNDs were acquired Date/Time Stamps correctly reported for LNDs		
	bate/filme 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		

5.2.86 SPT-20 (Samsung Focus)

	20 Cellebrite Version 1.1.8.6	
Summary:	SPT-20 Acquire SIM memory and review reported text messages (S	
	SPT-AO-14 If a cellular forensic tool completes acquisition of SIM without error, then ASCII SMS text messages shall be presented useable format.	ented in a
	SPT-AO-15 If a cellular forensic tool completes acquisition of SIM without error, then ASCII EMS text messages shall be preseuseable format.	
1	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.	all text
	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 pfor text messages shall be presented in a useable format.	
Tester Name:	rpa	
Test Host: 1	Morrisy	
Test Date:	Wed Feb 1 11:53:36 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 11:53:36 EST 2012 Acquisition finished: Wed Feb 1 11:59:34 EST 2012	
1	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 message correctly reported	ges were
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-14 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/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

5.2.87 SPT-21 (Samsung Focus)

Test Case SPT	-21 Cellebrite Version 1.1.8.6
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.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Feb 1 12:00:25 EST 2012
Device:	Samsung_Focus
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader
Log	Created by Cellebrite

Test Case SPT	-21 Cellebrite Version 1.1.8.6	
Highlights:	Acquisition started: Wed Feb 1 12:00:25 EST 2012 Acquisition finished: Wed Feb 1 12:03:17 EST 2012 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	

5.2.88 SPT-22 (Samsung Focus)

Test Case SPT	-22 Cellebrite Version 1.1.8.6		
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:	Wed Feb 1 12:03:41 EST 2012		
Device:	Samsung_Focus		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Feb 1 12:03:41 EST 2012		
	Acquisition finished: Wed Feb 1 12:06:37 EST 201	2	
	LOCI data was acquired		
	GPRSLOCI data was acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-20 Acquisition of LOCI information.	as expected	
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected	
Analysis:	Expected results achieved		

5.2.89 SPT-23 (Samsung Focus)

Test Case SPT	-23 Cellebrite Version 1.1.8.6
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-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

Test Case SPI	-23 Cellebrite Version 1.1.8.6	
	acquire each exclusive data object without error.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:07:01 EST 2012	
Device:	Samsung_Focus	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:07:01 EST 2012 Acquisition finished: Wed Feb 1 12:12:18 EST 2012 Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
	SPT-AO-22 Acquire-All data objects acquisition.	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	

5.2.90 SPT-24 (Samsung Focus)

	,	
Test Case SPT	-24 Cellebrite Version 1.1.8.6	
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	
	device without error, then the tool shall present the acquire	ed data in a
	useable format via supported/generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:13:06 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: bluetooth	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Feb 1 12:13:06 EST 2012	
	Acquisition finished: Wed Feb 1 12:16:19 EST 2012	
	Complete representation of known data via generated reports v	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	

5.2.91 SPT-25 (Samsung Focus)

Test Case SPT-25 Cellebrite Version 1.1.8.6		
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	

Test Case SPT	-25 Cellebrite Version 1.1.8.6	
	useable format in a preview pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:16:45 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: bluetooth	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:16:45 EST 2012	
	Acquisition finished: Wed Feb 1 12:19:18 EST 2012 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	

5.2.92 SPT-26 (Samsung Focus)

Test Case SPT	-26 Cellebrite Version 1.1.8.6	
Case	SPT-26 Acquire SIM memory and review reported data via support	rted/generated
Summary:	report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition without error, then the tool shall present the acquired data format via supported/generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:19:48 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:19:48 EST 2012 Acquisition finished: Wed Feb 1 12:22:23 EST 2012 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	

5.2.93 SPT-27 (Samsung Focus)

Test Case SPT-27 Cellebrite Version 1.1.8.6		
Case	SPT-27 Acquire SIM memory and review reported data via the preview pane.	
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.	

Test Case SPT	-27 Cellebrite Version 1.1.8.6	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:22:46 EST 2012	
Device:	Samsung_Focus	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:22:46 EST 2012 Acquisition finished: Wed Feb 1 12:25:48 EST 2012 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	

5.2.94 SPT-28 (Samsung Focus)

Test Case SPT	-28 Cellebrite Version 1.1.8.6		
Case	SPT-28 Attempt acquisition of a password-protected SIM.		
Summary:			
Assertions:	SPT-AO-28 If the SIM is password-protected, then to	he 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 Feb 1 12:26:25 EST 2012		
Device:	Samsung_Focus		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Feb 1 12:26:25 EST 2012		
	Acquisition finished: Wed Feb 1 12:28:14 EST 2012		
	Ability to enter PIN on protected media before acq	uisition was successful	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-28 Acquisition of password protected SIM.	as expected	
Analysis:	Expected results achieved		

5.2.95 SPT-29 (Samsung Focus)

Test Case SPT-29 Cellebrite Version 1.1.8.6		
Case	SPT-29 After a successful mobile device internal memory, alter the case	
Summary:	file via third-party means and attempt to reopen the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means, then the tool shall provide protection mechanisms disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:28:43 EST 2012	
Device:	Samsung_Focus	

Test Case SPT-	-29 Cellebrite Version 1.1.8.6	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:28:43 EST 2012 Acquisition finished: Wed Feb 1 12:30:23 EST 2012 Notification of modified device memory data was success	sful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

5.2.96 SPT-30 (Samsung Focus)

Test Case SPT-	-30 Cellebrite Version 1.1.8.6	
Case	SPT-30 After a successful SIM acquisition, alter the ca	ase file via third-
Summary:	party means and attempt to reopen the case.	
Assertions:	SPT-AO-27 If the case file or individual data objects a	are modified via
	third-party means, then the tool shall provide protect:	ion mechanisms
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:30:54 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Feb 1 12:30:54 EST 2012	
	Acquisition finished: Wed Feb 1 12:33:44 EST 2012	
	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	

5.2.97 SPT-33 (Samsung Focus)

Test Case SPT-	-33 Cellebrite Version 1.1.8.6
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:	Wed Feb 1 12:34:35 EST 2012
Device:	Samsung_Focus
Source	OS: WIN XP v5.1.2600
Setup:	Interface: bluetooth

Test Case SPT-	-33 Cellebrite Version 1.1.8.6		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Feb 1 12:34:35 EST 2012		
	Acquisition finished: Wed Feb 1 12:39:03 EST 2012		
	Non-ASCII Address book entries were acquired and properly (lisplayed	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADN.	as expected	
	SPT-A0-41 Acquisition of non-ASCII text messages.	as expected	
Analysis:	Expected results achieved		

5.2.98 SPT-34 (Samsung Focus)

Test Case SPT	-34 Cellebrite Version 1.1.8.6	
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 ADN 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 Feb 1 12:39:48 EST 2012	
Device:	Samsung_Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:39:48 EST 2012 Acquisition finished: Wed Feb 1 12:41:54 EST 2012 Non-ASCII ADN 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/ADN.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.99 SPT-35 (Samsung Focus)

Test Case SPT-35 Cellebrite Version 1.1.8.6		
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:	Wed Feb 1 12:42:32 EST 2012	
Device:	Samsung_Focus	

Test Case SPT	-35 Cellebrite Version 1.1.8.6	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:42:32 EST 2012 Acquisition finished: Wed Feb 1 12:44:42 EST 2012 The remaining number of PIN attempts were properly dis	splayed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

5.2.100 SPT-36 (Samsung Focus)

Test Case SPT	-36 Cellebrite Version 1.1.8.6		
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 Feb 1 12:42:57 EST 2012		
Device:	Samsung_Focus		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:42:57 EST 2012 Acquisition finished: Wed Feb 1 12:44:17 EST 2012 Remaining number of PUK attempts were properly displa	yed	
Results:	Assertion & Expected Result SPT-AO-30 Display remaining number of PUK attempts.	Actual Result as expected	
Analysis:	Expected results achieved		

5.2.101 SPT-38 (Samsung Focus)

Test Case SPT-	-38 Cellebrite Version 1.1.8.6
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:	Wed Feb 1 12:45:26 EST 2012
Device:	Samsung_Focus
Source	OS: WIN XP v5.1.2600
Setup:	Interface: bluetooth
Log	Created by Cellebrite

Test Case SPT	-38 Cellebrite Version 1.1.8.6		
Highlights:	Acquisition started: Wed Feb 1 12:45:26 EST 2012 Acquisition finished: Wed Feb 1 12:49:01 EST 2012		
	Hash values were properly reported for individually acquirelements	ired 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	·	

5.2.102 SPT-39 (Samsung Focus)

Test Case SPT	-39 Cellebrite Version 1.1.8.6		
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 each supported data object.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Feb 1 12:46:18 EST 2012		
Device:	Samsung_Focus	<u> </u>	
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 12:46:18 EST 2012 Acquisition finished: Wed Feb 1 12:49:44 EST 2012 Hash values were properly reported for individually acquired SIM 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		

5.2.103 SPT-01 (Nokia 6350)

Test Case SP	T-01 Cellebrite Version 1.1.8.6
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-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.

Test Case SPT-01 Cellebrite Version 1.1.8.6			
	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 Jan 31 07:42:30 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 07:42:30 EST 2012 Acquisition finished: Tue Jan 31 07:46:34 EST 2012 Device connectivity was established via supported interface		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-01 Device connectivity via supported interfaces.	as expected	
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	
	SPT-CA-29 Acquire-All data objects acquisition.	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		

5.2.104 SPT-02 (Nokia 6350)

Test Case SPT	-02 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile 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 is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 07:49:23 EST 2012		
Device:	unsupported_device		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 07:49:23 EST 2012		
	Acquisition finished: Tue Jan 31 07:51:52 EST 2012		
	Identification of nonsupported devices was successf	ul	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected	
Analysis:	Expected results achieved		

5.2.105 SPT-03 (Nokia 6350)

Test Case SPT-	-03 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and connectivity by interface disengagement.	interrupt
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 Jan 31 07:52:24 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Jan 31 07:52:24 EST 2012	
	Acquisition finished: Tue Jan 31 07:56:48 EST 2012	
	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	

5.2.106 SPT-04 (Nokia 6350)

Test Case SPT	-04 Cellebrite Version 1.1.8.6		
Case	SPT-04 Acquire mobile device internal memory and review repor	ted 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 Jan 31 07:57:46 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 07:57:46 EST 2012		
	Acquisition finished: Tue Jan 31 08:02:19 EST 2012		
	Readability and completeness of acquired data was successful		
Results:			
Results.	Assertion & Expected Result	Actual	
	Assertion & Expected Result	Result	
	SPT-CA-04 Readability and completeness of acquired data	as expected	
	via supported reports.	as expected	
	Via supported reports.		
Analysis:	Expected results achieved		

5.2.107 SPT-05 (Nokia 6350)

Test Case SPT	-05 Cellebrite Version 1.1.8.6		
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	ted information s	shall be presented
	in a useable format.		
Tester Name:	****		
	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 08:02:52 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 08:02:52	EST 2012	
1119111191100	Acquisition finished: Tue Jan 31 08:07:26 EST 2012		
	Subscriber and equipment-related data (i.e	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	
	21 21 21 21 21 21 21 21 21 21 21 21 21 2		
Analysis:	Expected results achieved		

5.2.108 SPT-06 (Nokia 6350)

Test Case SPT	-06 Cellebrite Version 1.1.8.6
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 maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Jan 31 08:08:02 EST 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600

Test Case SPT-06 Cellebrite Version 1.1.8.6			
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 08:08:02 EST 2012		
	Acquisition finished: Tue Jan 31 08:11:22 EST 2012		
	All address book entries were successfully acquired		
	ALL PIM related data was acquired		
	_		
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 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.,	as expected	
	datebook/calendar, notes).		
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected	
3	Demonstration with a selection of		
Analysis:	Expected results achieved		

5.2.109 SPT-07 (Nokia 6350)

Test Case SPT-07 Cellebrite Version 1.1.8.6				
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:	Tue Jan 31 08:35:09 EST 2012			
Device:	Nokia6350			
Source	OS: WIN XP v5.1.2600			
Setup:	Interface: cable			
Log	Created by Cellebrite			
Highlights:	Acquisition started: Tue Jan 31 08:35:09 EST 2012			
	Acquisition finished: Tue Jan 31 08:51:55 EST 2012			
	All Call Logs (incoming, outgoing, missed) were acqui	red		
	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		
		<u>. </u>		
Analysis:	Expected results achieved			
11141/010	Imposted Tesates delitered			

5.2.110 SPT-08 (Nokia 6350)

Test Case SPT-08 Cellebrite Version 1.1.8.6				
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 Jan 31 08:52:36 EST 2012			
Device:	Nokia6350			
Source	OS: WIN XP v5.1.2600			
Setup:	Interface: cable			
Doodp	110011400 04210			
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 08:52:36 EST 2012 Acquisition finished: Tue Jan 31 08:55:14 EST 2012 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			
	oollood, lopolood			
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	as expected		
	associated with text messages.	_		
Analysis:	Expected results achieved			
	· · · · · · · · · · · · · · · · · · ·			

5.2.111 SPT-09 (Nokia 6350)

Test Case SPT-09 Cellebrite Version 1.1.8.6		
Case	SPT-09 Acquire mobile device internal memory and review reported MMS	
Summary:	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:	Tue Jan 31 08:56:03 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	

Test Case SPT-09 Cellebrite Version 1.1.8.6			
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 08:56:03 EST 2012 Acquisition finished: Tue Jan 31 09:16:47 EST 2012		
	Partial audio MMS messages were acquired Partial image MMS messages were acquired Partial video MMS messages were acquired		
	Notes: The textual portion of MMS messages were not acquired.		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-21 Acquisition of audio MMS messages.	Not as expected	
	SPT-CA-22 Acquisition of graphic data image MMS	Not as	
	messages.	expected	
	SPT-CA-23 Acquisition of video MMS messages.	Not as expected	
Analysis:	Expected results partially achieved		
MIGINALS:	Expected results partially achieved		

5.2.112 SPT-10 (Nokia 6350)

Test Case SPT	-10 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-10 Acquire mobile device internal memory and review reported stand- alone multimedia data (i.e., audio, graphics, video).		
Assertions:	SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application. SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 09:23:39 EST 2012		
Device:	Nokia6350		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 09:23:39 EST 2012 Acquisition finished: Tue Jan 31 09:29:33 EST 2012 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	
Analysis:	Expected results achieved		

5.2.113 SPT-13 (Nokia 6350)

Test Case SPT-13 Cellebrite Version 1.1.8.6			
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	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 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 Jan 31 09:34:33 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 09:34:33 EST 2012		
	Acquisition finished: Tue Jan 31 09:34:50 EST 2012		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition.	as expected	
Analysis:	Expected results achieved		

5.2.114 SPT-14 (Nokia 6350)

Test Case SP	I-14 Cellebrite Version 1.1.8.6		
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:	Tue Jan 31 09:39:48 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 09:39:48 EST 2012 Acquisition finished: Tue Jan 31 09:45:07 EST 2012		
	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		

5.2.115 SPT-15 (Nokia 6350)

Test Case SPT-15 Cellebrite Version 1.1.8.6			
Case	SPT-15 Attempt acquisition of a nonsupported SIM.		
Summary:			
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported		
	SIM, then the tool shall notify the user that the SIM is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 09:45:44 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 09:45:44 EST 2012		
	Acquisition finished: Tue Jan 31 09:47:05 EST 2012		
	Tautisiusti		
	Identification of nonsupported media was successful		
Results:			
	Assertion & Expected Result Actual Result		
	SPT-AO-02 Identification of nonsupported SIM. as expected		
Analysis:	Expected results achieved		
11101/010:	I mrecode repares demicion		

5.2.116 SPT-16 (Nokia 6350)

Test Case SPT	-16 Cellebrite Version 1.1.8.6		
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:	Tue Jan 31 09:48:16 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 09:48:16 EST 2012		
	Acquisition finished: Tue Jan 31 09:50:11 EST 2012		
	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		

5.2.117 SPT-17 (Nokia 6350)

Test Case SPT-17 Cellebrite Version 1.1.8.6		
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	

Test Case SPT-	17 Cellebrite Version 1.1.8.6		
	SIM without error, then the ICCID SPT-AO-06 If a cellular forensic t SIM without error, then the IMSI S SPT-AO-07 If a cellular forensic t SIM without error, then the MSISDN	ool completes acquisiti nall be presented in a ool completes acquisiti	on of the target useable format. On of the target
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 09:51:03 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 09:51:03 EST 2012 Acquisition finished: Tue Jan 31 09:53:47 EST 2012 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	
	SPT-AO-07 Acquisition of MSISDN.	as expected	
Analysis:	Expected results achieved		

5.2.118 SPT-18 (Nokia 6350)

Test Case SPT	-18 Cellebrite Version 1.1.8.6		
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 ADN shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error, then ADN 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 ADN containing blank names shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 09:56:28 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 09:56:28 EST 2012 Acquisition finished: Tue Jan 31 10:00:19 EST 201		
	All ADN were acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-08 Acquisition of ADN.	as expected	
	SPT-AO-09 Acquisition of maximum length ADN.	as expected	
	SPT-AO-10 Acquisition of special character ADN.	as expected	
	SPT-AO-11 Acquisition of blank name ADN.	as expected	

Test Case SPT-	-18 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.119 SPT-19 (Nokia 6350)

Test Case SPT	-19 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-19 Acquire SIM memory and review reported Last Numbers Dialed (LND).		
Assertions:	SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error, then Last Numbers Dialed (LND) shall be presented in a useable format. SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding date/time stamps for LNDs shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 10:00:56 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 10:00:56 EST 2012 Acquisition finished: Tue Jan 31 10:04:17 EST 2012 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		

5.2.120 SPT-20 (Nokia 6350)

Test Case SPT	-20 Cellebrite Version 1.1.8.6
Case Summary:	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII SMS text messages shall be presented in a useable format. SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII EMS text messages shall be presented in a useable format. SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding date/time stamps for all text messages shall be presented in a useable format. SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format. SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Tue Jan 31 10:05:20 EST 2012
Device:	Nokia6350
Source	OS: WIN XP v5.1.2600
Setup:	Interface: SIM_Reader

Test Case SPT-20 Cellebrite Version 1.1.8.6		
Log Highlights:	.5	
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/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	

SPT-21 (Nokia 6350) 5.2.121

Test Case SPT	-21 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error, then deleted text messages that have not been overwritten shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 10:09:48 EST 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 10:09:48 EST 2012 Acquisition finished: Tue Jan 31 10:13:53 EST 2012 Deleted text message data was recovered	
Results:	Assertion & Expected Result	Actual
	SPT-AO-19 Acquisition of non-overwritten deleted text messages.	as expected
Analysis:	Expected results achieved	

5.2.122 SPT-22 (Nokia 6350)

Test Case SPT-22 Cellebrite Version 1.1.8.6		
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	

Test Case SPT-22 Cellebrite Version 1.1.8.6		
	presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 10:14:33 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Jan 31 10:14:33 EST 201	
	Acquisition finished: Tue Jan 31 10:15:44 EST 20	12
	TOOT date was a market	
	LOCI data was acquired	
	GPRSLOCI data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-20 Acquisition of LOCI information.	as expected
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected
		<u> </u>
Analysis:	Expected results achieved	

5.2.123 SPT-23 (Nokia 6350)

	C-23 Cellebrite Version 1.1.8.6		
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-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.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Tue Jan 31 10:16:10 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 10:16:10 EST 2012		
	Acquisition finished: Tue Jan 31 10:20:29 EST 2012		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
	SPT-A0-22 Acquire-All data objects acquisition.	as expected	
	SPT-AO-23 Select-All data objects acquisition.	as expected	
	SPT-AO-24 Select-Individual data objects acquisition.	as expected	
Analysis:	Expected results achieved		

5.2.124 SPT-24 (Nokia 6350)

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
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 Jan 31 13:16:49 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:16:49 EST 2012 Acquisition finished: Tue Jan 31 13:20:51 EST 2012 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	

5.2.125 SPT-25 (Nokia 6350)

Test Case SPT	-25 Cellebrite Version 1.1.8.6	
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 Jan 31 13:21:47 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:21:47 EST 2012 Acquisition finished: Tue Jan 31 13:24:46 EST 2012 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	

5.2.126 SPT-26 (Nokia 6350)

Test Case SPT	-26 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-26 Acquire SIM memory and review reported data via supported/generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:25:22 EST 2012	
Device:	Nokia6350	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:25:22 EST 2012 Acquisition finished: Tue Jan 31 13:26:39 EST 2012 Complete representation of known data via generated reports was successful	
Results:	Assertion & Expected Result	Actual
	ASSECTION & HAPCCOOK RESULT	Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.127 SPT-27 (Nokia 6350)

Test Case SPT	-27 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-27 Acquire SIM memory and review reported data via the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error, then the tool shall present the acquired data in a useable format in a preview pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:27:15 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:27:15 EST 2012 Acquisition finished: Tue Jan 31 13:29:16 EST 2012 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	

5.2.128 SPT-28 (Nokia 6350)

Test Case SPT	-28 Cellebrite Version 1.1.8.6		
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 Jan 31 13:30:14 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite		
нідпітупсь.	Acquisition started: Tue Jan 31 13:30:14 EST 2012 Acquisition finished: Tue Jan 31 13:32:31 EST 2012		
	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		

5.2.129 SPT-29 (Nokia 6350)

Test Case SPT	-29 Cellebrite Version 1.1.8.6		
Case	SPT-29 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to reopen the case.		
Assertions:	SPT-A0-27 If the case file or individual data objects are modified via		
	third-party means, then the tool shall provide protect	ion mechanisms	
	disallowing or reporting data modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 13:33:23 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 13:33:23 EST 2012		
	Acquisition finished: Tue Jan 31 13:34:15 EST 2012		
	Notification of modified device memory data was succes	sful	
_ 7.			
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-27 Notification of modified device case data.	as expected	
Analuaia	Expected results achieved		
Analysis:	Expected results actived		

5.2.130 SPT-30 (Nokia 6350)

Test Case SPT-30 Cellebrite Version 1.1.8.6		
Case	SPT-30 After a successful SIM acquisition, alter the case file via third-	
Summary:	party means and attempt to reopen 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	

Test Case SPT-30 Cellebrite Version 1.1.8.6		
	disallowing or reporting data modification.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:34:51 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Jan 31 13:34:51 EST 2012	
	Acquisition finished: Tue Jan 31 13:36:13 EST 2012	
	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	

5.2.131 SPT-33 (Nokia 6350)

Test Case SPT-	-33 Cellebrite Version 1.1.8.6	
Case	SPT-33 Acquire mobile device internal memory and review date	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 dis	
	ASCII characters, then the application should present text	messages in
	their native format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:41:41 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Jan 31 13:41:41 EST 2012	
	Acquisition finished: Tue Jan 31 13:46:55 EST 2012	
	Non-ASCII Address book entries were acquired and properly displayed	
	Non-ASCII text messages were acquired and properly displayed	d
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-40 Acquisition of non-ASCII address book	as expected
	entries/ADN.	
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.132 SPT-34 (Nokia 6350)

Test Case SPT	-34 Cellebrite Version 1.1.8.6
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

Test Case SPT-	-34 Cellebrite Version 1.1.8.6	
	characters, then the application should present ADN in the SPT-AO-41 If the cellular forensic tool supports proper di ASCII characters, then the application should present text their native format.	splay of non-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:47:35 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:47:35 EST 2012 Acquisition finished: Tue Jan 31 13:48:54 EST 2012 Non-ASCII ADN were acquired and properly displayed Non-ASCII text messages were acquired and properly display	ved
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADN.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.133 SPT-35 (Nokia 6350)

Test Case SPT	-35 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-35 Begin acquisition on a PIN-protected SIM to deprovides an accurate count of the remaining number of the PIN attempts are decremented when entering an incompared to the provided the provided that the provided the provided that the provided the provided that	PIN attempts and if orrect value.
Assertions:	SPT-AO-29 If a cellular forensic tool provides the excremaining number of authentication attempts, then the provide an accurate count of the remaining PIN attempts	application should
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:52:06 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Jan 31 13:52:06 EST 2012	
	Acquisition finished: Tue Jan 31 13:52:17 EST 2012	
	The remaining number of PIN attempts were properly dis	splayed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

5.2.134 SPT-36 (Nokia 6350)

Test Case SPT	-36 Cellebrite Version 1.1.8.6	
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:	Tue Jan 31 13:52:44 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:52:44 EST 2012 Acquisition finished: Tue Jan 31 13:55:01 EST 2012 Remaining number of PUK attempts were properly displan	yed
Results:	Assertion & Expected Result SPT-AO-30 Display remaining number of PUK attempts.	Actual Result as expected
Analysis:	Expected results achieved	

5.2.135 SPT-38 (Nokia 6350)

Test Case SPT	-38 Cellebrite Version 1.1.8.6	
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 data objects, then the tool shall present the user with a haleach supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:56:38 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:56:38 EST 2012 Acquisition finished: Tue Jan 31 13:58:13 EST 2012 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	

5.2.136 SPT-39 (Nokia 6350)

Test Case SPT	-39 Cellebrite Version 1.1.8.6	
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 haleach supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Jan 31 13:58:37 EST 2012	
Device:	Nokia6350	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 13:58:37 EST 2012 Acquisition finished: Tue Jan 31 14:00:23 EST 2012 Hash values were properly reported for individually acquired elements	l SIM data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

5.2.137 SPT-01 (Motorola Tundra)

Test Case SPT	-01 Cellebrite Version 1.1.8.6
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-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.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jan 4 12:36:58 EST 2012
Device:	Motorola_Tundra
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by Cellebrite
Highlights:	Acquisition started: Wed Jan 4 12:36:58 EST 2012
	Acquisition finished: Wed Jan 4 12:37:31 EST 2012

	Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	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	

5.2.138 SPT-02 (Motorola Tundra)

Test Case SPT	-02 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile 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 is not supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 12:38:02 EST 2012	
Device:	unsupported_device	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 12:38:02 EST 2012 Acquisition finished: Wed Jan 4 12:40:08 EST 2012	
	Identification of nonsupported devices was successf	ul
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-02 Identification of nonsupported devices.	as expected
Analysis:	Expected results achieved	

5.2.139 SPT-03 (Motorola Tundra)

Test Case SPT	Y-03 Cellebrite Version 1.1.8.6
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:	Wed Jan 4 12:42:51 EST 2012
Device:	Motorola_Tundra
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by Cellebrite

Test Case SPT	-03 Cellebrite Version 1.1.8.6	
Highlights:	Acquisition started: Wed Jan 4 12:42:51 EST 2012	
	Acquisition finished: Wed Jan 4 12:43:11 EST 2012	
	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	

5.2.140 SPT-04 (Motorola Tundra)

Test Case SPI	7-04 Cellebrite Version 1.1.8.6	
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	-
	acquired data objects in a useable format via either a previe	w pane or
	generated report.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Jan 4 12:43:34 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Jan 4 12:43:34 EST 2012	
	Acquisition finished: Wed Jan 4 12:49:00 EST 2012	
	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	

5.2.141 SPT-05 (Motorola Tundra)

Test Case SPT	-05 Cellebrite Version 1.1.8.6	
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:	Wed Jan 4 12:49:25 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	

Test Case SPT-05 Cellebrite Version 1.1.8.6			
Highlights:	Acquisition started: Wed Jan 4 12:49:25 EST 2012		
	Acquisition finished: Wed Jan 4 12:51:43	EST 2012	
	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		

5.2.142 SPT-06 (Motorola Tundra)

Assertion & Expected Result	Actual Result
SPT-CA-07 Acquisition of address book entries.	Not 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).	Not as expected
SPT-CA-14 Acquisition of maximum length PIM data.	as expected

5.2.143 SPT-07 (Motorola Tundra)

Test Case SPT	-07 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-07 Acquire mobile device internal memory and review reported call logs.	
Assertions:	SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error, then call logs (incoming/outgoing/missed) shall be presented in a useable format. SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 14:16:38 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Jan 4 14:16:38 EST 2012	
	Acquisition finished: Wed Jan 4 14:18:33 EST 2012	
	Incoming Calls were not acquired	
	Outgoing Calls were not acquired	
	Missed Calls were not acquired	
Results:	Describer & Demostral Describ	Actual Result
	Assertion & Expected Result	
	SPT-CA-15 Acquisition of call logs.	Not as expected
	SPT-CA-16 Acquisition of call log date/time stamps.	Not as expected
Analysis:	Expected results partially achieved	

5.2.144 SPT-10 (Motorola Tundra)

Test Case SPT	-10 Cellebrite Version 1.1.8.6
Case	SPT-10 Acquire mobile device internal memory and review reported stand-
Summary:	alone multimedia 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

Test Case SPT	-10 Cellebrite Version 1.1.8.6	
	useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acquist device without error, then stand-alone graphic files a useable format via either an internal application or party application. SPT-CA-26 If a cellular forensic tool completes acquist device without error, then stand-alone video files shall useable format via either an internal application or application.	sition of the target shall be presented in r suggested third-sition of the target all be presented in a
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 14:24:15 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 14:24:15 EST 2012 Acquisition finished: Wed Jan 4 14:25:16 EST 2012 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
Analysis:	Expected results achieved	

5.2.145 SPT-13 (Motorola Tundra)

Test Case SPT	-13 Cellebrite Version 1.1.8.6
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of
Summary:	supported data elements.
Assertions:	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 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:	Wed Jan 4 14:25:45 EST 2012
Device:	Motorola_Tundra
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 14:25:45 EST 2012 Acquisition finished: Wed Jan 4 14:26:15 EST 2012 Select All acquisition was not successful Notes: When call log data is included as a data element to acquire, the acquisition ends in error.

Test Case SPT	-13 Cellebrite Version 1.1.8.6	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	Not as expected
	SPT-CA-30 Select-All data objects acquisition.	Not as expected
	SPT-CA-31 Select-Individual data objects acquisition.	Not as expected
Analysis:	Expected results not achieved	

5.2.146 SPT-14 (Motorola Tundra)

Test Case SP1	-14 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-14 Acquire SIM memory over supported interfaces (e.g., PC/SC reader).		
Assertions:	SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM, then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jan 4 14:31:52 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:31:52 EST 2012		
	Acquisition finished: Wed Jan 4 14:38:24 EST 2012		
Media connectivity was established via supported interface		face	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
		<u>. </u>	
Analysis:	Expected results achieved		

5.2.147 SPT-15 (Motorola Tundra)

Test Case SPT-15 Cellebrite Version 1.1.8.6			
Case	SPT-15 Attempt acquisition of a nonsupported SIM.		
Summary:			
Assertions:	SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM, then the tool shall notify the user that the SIM is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jan 4 14:32:40 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:32:40 EST 2012		
	Acquisition finished: Wed Jan 4 14:38:39 EST 2012		
	Identification of nonsupported media was successful		
Results:		<u> </u>	
	Assertion & Expected Result	Actual Result	
	SPT-A0-02 Identification of nonsupported SIM.	as expected	

Test Case SPT-15 Cellebrite Version 1.1.8.6		
Analysis:	Expected results achieved	

5.2.148 SPT-16 (Motorola Tundra)

Test Case SPT-	-16 Cellebrite Version 1.1.8.6		
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 Jan 4 14:33:07 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:33:07 EST 2012		
	Acquisition finished: Wed Jan 4 14:38:53 EST 2012		
	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		

5.2.149 SPT-17 (Motorola Tundra)

Test Case SPT-	-17 Cellebrite Version 1.1.8.6		
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 Jan 4 14:33:34 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 14:33:34 EST 2012 Acquisition finished: Wed Jan 4 14:39:09 EST 2012 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		

Test Case SPT-17 Cellebrite Version 1.1.8.6			
	SPT-AO-06 Acquisition of IMSI. as expected		
	SPT-AO-07 Acquisition of MSISDN. as expected		
Analysis:	Expected results achieved		

5.2.150 SPT-18 (Motorola Tundra)

Test Case SPT	-18 Cellebrite Version 1.1.8.6			
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 ADN shall be presented in a useable format. SPT-AO-10 If a cellular forensic tool completes acquisition of the SIM without error, then ADN 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 ADN containing blank names shall be presented in a useable format.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed Jan 4 14:42:37 EST 2012			
Device:	Motorola_Tundra			
Source	OS: WIN XP v5.1.2600			
Setup:	Interface: SIM_Reader			
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 14:42:37 EST 2012 Acquisition finished: Wed Jan 4 14:48:40 EST 2012 All ADN were acquired			
Results:				
	Assertion & Expected Result Actual Result			
	SPT-AO-08 Acquisition of ADN.	as expected		
	SPT-AO-09 Acquisition of maximum length ADN.	as expected		
	SPT-AO-10 Acquisition of special character ADN. as expected			
	SPT-AO-11 Acquisition of blank name ADN.	as expected		
Analysis:	Expected results achieved			

5.2.151 SPT-19 (Motorola Tundra)

Test Case SPT	-19 Cellebrite Version 1.1.8.6		
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:	Wed Jan 4 14:43:07 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		

Test Case SPT	-19 Cellebrite Version 1.1.8.6		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 14:43:07 EST 2012 Acquisition finished: Wed Jan 4 14:48:53 EST 2012 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		

5.2.152 SPT-20 (Motorola Tundra)

Test Case SPT	-20 Cellebrite Version 1.1.8.6		
Case	SPT-20 Acquire SIM memory and review reported text messages (S	SMS. EMS).	
Summary:	bil 20 hequite bil memory and review reported teke messages (bile, 25).		
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 Jan 4 14:43:27 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:43:27 EST 2012		
5 5	Acquisition finished: Wed Jan 4 14:49:13 EST 2012		
	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:			
MCDUICD.	Assertion & Expected Result	Actual	
	Induction a improved Reduct	Result	
	SPT-A0-14 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/recipient phone number	as expected	
	associated with text messages.		
Analysis:	Expected results achieved		

5.2.153 SPT-21 (Motorola Tundra)

Test Case SPT	-21 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-21 Acquire SIM memory and review recoverable deleted text messages (SMS, EMS).	
Assertions:	SPT-AO-19 If the cellular forensic tool completes acquisition of the target SIM without error, then deleted text messages that have not been overwritten shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 14:43:58 EST 2012	
Device:	Motorola_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 14:43:58 EST 2012 Acquisition finished: Wed Jan 4 14:49:32 EST 2012 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	

5.2.154 SPT-22 (Motorola Tundra)

Test Case SPT	-22 Cellebrite Version 1.1.8.6		
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	-	
	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 Jan 4 14:44:19 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:44:19 EST 2012		
	Acquisition finished: Wed Jan 4 14:49:50 EST 201	2	
	LOCI data was acquired		
	GPRSLOCI data was acquired		
Results:			
results.	Assertion & Expected Result Actual Result		
	SPT-AO-20 Acquisition of LOCI information.	as expected	
	SPT-AO-21 Acquisition of GPRSLOCI information.	as expected	
Analysis:	Expected results achieved		
WIGTARTS.	mapedied results achieved		

5.2.155 SPT-23 (Motorola Tundra)

Test Case SPT	7-23 Cellebrite Version 1.1.8.6		
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-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.		
Tester	rpa		
Name:	I pa		
Test Host:	Morrisy		
Test Date:	Wed Jan 4 14:44:42 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:44:42 EST 2012		
	Acquisition finished: Wed Jan 4 14:50:06 EST 2012		
	Acquire All acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected	
	SPT-AO-22 Acquire-All data objects acquisition.	as expected	
	SPT-AO-23 Select-All data objects acquisition.	as expected	
	SPT-AO-24 Select-Individual data objects acquisition.	as expected	
Analysis:	Expected results achieved		
11101/210:			

5.2.156 SPT-24 (Motorola Tundra)

Test Case SPT	-24 Cellebrite Version 1.1.8.6
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported/generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Jan 5 07:08:26 EST 2012
Device:	Motorola_Tundra
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:08:26 EST 2012 Acquisition finished: Thu Jan 5 07:37:21 EST 2012 Complete representation of known data via generated reports was successful

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.157 SPT-25 (Motorola Tundra)

	OF Gallabatha Wanaisa 1 1 0 C		
	-25 Cellebrite Version 1.1.8.6		
Case	SPT-25 Acquire mobile device internal memory and review reported data via		
Summary:	the preview pane.		
Assertions:			
	device without error, then the tool shall present the acquired data useable format in a preview pane view.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 5 07:14:39 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 5 07:14:39 EST 2012		
5 5	Acquisition finished: Thu Jan 5 07:37:37 EST 2012		
	Complete representation of known data via preview pane was successfu		
Results:			
	Assertion & Expected Result	Actual	
		Result	
	SPT-AO-26 Comparison of known device data elements via	as expected	
	preview pane.		
Analysis:	Expected results achieved		
	1		

5.2.158 SPT-26 (Motorola Tundra)

Test Case SPT-26 Cellebrite Version 1.1.8.6		
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 Jan 5 07:26:19 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600 Interface: SIM Reader	
Setup:	Interface. Sim_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 5 07:26:19 EST 2012	
	Acquisition finished: Thu Jan 5 07:38:12 EST 2012	
	Complete representation of known data via generated reports was successful	
Results:		

Test Case SPT-26 Cellebrite Version 1.1.8.6		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.159 SPT-27 (Motorola Tundra)

Test Case SPT	-27 Cellebrite Version 1.1.8.6	
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 Jan 5 07:26:43 EST 2012	
Device:	Motorola_Tundra	
Source Setup:	OS: WIN XP v5.1.2600 Interface: SIM Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:26:43 EST 2012	
	Acquisition finished: Thu Jan 5 07:38:28 EST 2012 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	

5.2.160 SPT-28 (Motorola Tundra)

Test Case SPT	Test Case SPT-28 Cellebrite Version 1.1.8.6				
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 Jan 5 07:39:30 EST 2012				
Device:	Motorola_Tundra				
Source	OS: WIN XP v5.1.2600				
Setup:	Interface: SIM_Reader				
Log	Created by Cellebrite				
Highlights:	Acquisition started: Thu Jan 5 07:39:30 EST 2012				
	Acquisition finished: Thu Jan 5 07:43:34 EST 2012				
	Ability to enter PIN on protected media before acq	uisition was succ	cessful		
Results:					
	Assertion & Expected Result	Actual Result			
	SPT-AO-28 Acquisition of password protected SIM.	as expected			

Test Case SPT-	-28 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.161 SPT-29 (Motorola Tundra)

Test Case SPT	-29 Cellebrite Version 1.1.8.6		
Case	SPT-29 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to reopen 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 protect.	ion mechanisms	
	disallowing or reporting data modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 5 07:40:04 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 5 07:40:04 EST 2012		
	Acquisition finished: Thu Jan 5 07:43:48 EST 2012		
	Notification of modified device memory data was success	sful	
Results:			
Results:	Aggraphica C Especial Popula	Actual Result	
	Assertion & Expected Result	1100000	
	SPT-AO-27 Notification of modified device case data.	as expected	
7 7 1 .			
Analysis:	Expected results achieved		

5.2.162 SPT-30 (Motorola Tundra)

Test Case SPT	-30 Cellebrite Version 1.1.8.6	
Case	SPT-30 After a successful SIM acquisition, alter the case file via third-	
Summary:	party means and attempt to reopen 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 Jan 5 07:41:00 EST 2012	
Device:	Motorola Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM Reader	
20001		
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 5 07:41:00 EST 2012	
	Acquisition finished: Thu Jan 5 07:44:31 EST 2012	
	Notification of modified SIM data was successful	
Results:		
TODATOD.	Assertion & Expected Result Actual Result	
	SPT-AO-27 Notification of modified device case data. as expected	
	21 No 2: Neoriton of moniton device cabe data. Ab expected	
Analysis:	Expected results achieved	

5.2.163 SPT-34 (Motorola Tundra)

Test Case SPT	-34 Cellebrite Version 1.1.8.6	
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 ADN 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 Jan 5 07:48:33 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:48:33 EST 2012 Acquisition finished: Thu Jan 5 07:51:56 EST 2012 Non-ASCII ADN were acquired and properly displayed Non-ASCII text messages were acquired and properly displayed	ed
Results: Assertion & Expected Result		Actual
	Industrial a Impostua Reduct	Result
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADN.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.164 SPT-35 (Motorola Tundra)

Test Case SPT	-35 Cellebrite Version 1.1.8.6		
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 Jan 5 07:53:11 EST 2012		
Device:	Motorola_Tundra		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: SIM_Reader		
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:53:11 EST 2012 Acquisition finished: Thu Jan 5 07:54:38 EST 2012 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		

5.2.165 SPT-36 (Motorola Tundra)

Test Case SPT	-36 Cellebrite Version 1.1.8.6	
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 Jan 5 07:53:45 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:53:45 EST 2012 Acquisition finished: Thu Jan 5 07:54:53 EST 2012 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	

5.2.166 SPT-38 (Motorola Tundra)

Test Case SPT	-38 Cellebrite Version 1.1.8.6	
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 Jan 5 07:55:24 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:55:24 EST 2012 Acquisition finished: Thu Jan 5 08:02:30 EST 2012 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	

5.2.167 SPT-39 (Motorola Tundra)

Test Case SPT	-39 Cellebrite Version 1.1.8.6	
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 each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jan 5 07:55:49 EST 2012	
Device:	Motorola_Tundra	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 07:55:49 EST 2012	
1119111191105	Acquisition finished: Thu Jan 5 08:02:49 EST 2012	
	Hash values were properly reported for individually acquired elements	d SIM data
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

5.2.168 SPT-01 (iPhone4 CDMA)

Test Case SPT	-01 Cellebrite Version 1.1.8.6	
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-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.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 08:19:23 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 08:19:23 EST 2011	
	Acquisition finished: Fri Dec 30 08:25:22 EST 2011	

	Device connectivity was established via supported interface	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	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	

5.2.169 SPT-02 (iPhone4 CDMA)

Test Case SPT-	-02 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile 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 is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Dec 30 08:28:38 EST 2011		
Device:	unsupported_device		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 08:28:38 EST 2011 Acquisition finished: Fri Dec 30 08:30:57 EST 2011 Identification of nonsupported devices was successful		
Results:	Assertion & Expected Result SPT-CA-02 Identification of nonsupported devices.	Actual Result as expected	
Analysis:	Expected results achieved		

5.2.170 SPT-03 (iPhone4 CDMA)

Test Case SPT	-03 Cellebrite Version 1.1.8.6	
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:	Fri Dec 30 08:31:24 EST 2011	
Device:	iphone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	

Test Case SPT	-03 Cellebrite Version 1.1.8.6	
Highlights:	Acquisition started: Fri Dec 30 08:31:24 EST 2011	
	Acquisition finished: Fri Dec 30 08:36:27 EST 2011	
	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	

5.2.171 SPT-04 (iPhone4 CDMA)

Test Case SPT	-04 Cellebrite Version 1.1.8.6	
Case	SPT-04 Acquire mobile device internal memory and review repor	ted 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:	Fri Dec 30 08:37:06 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 08:37:06 EST 2011	
	Acquisition finished: Fri Dec 30 08:41:58 EST 2011	
	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	

5.2.172 SPT-05 (iPhone4 CDMA)

Test Case SPT	-05 Cellebrite Version 1.1.8.6
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:	Fri Dec 30 08:42:41 EST 2011
Device:	iPhone4_CDMA
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by Cellebrite

Test Case SPT-05 Cellebrite Version 1.1.8.6			
Highlights:	Acquisition started: Fri Dec 30 08:42:41 EST 2011 Acquisition finished: Fri Dec 30 09:02:50 EST 2011 IMEI, MEID/ESN were 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		

5.2.173 SPT-06 (iPhone4 CDMA)

Test Case SPT	-06 Cellebrite Version 1.1.8.6	
Case	SPT-06 Acquire mobile device internal memory and review report	rted PIM
Summary:	related data.	
Assertions:		
Maghan Namat		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 09:16:09 EST 2011	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 09:16:09 EST 2011 Acquisition finished: Fri Dec 30 09:20:54 EST 2011 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 acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired	
Results:	Aggerties C Ermogted Degult	Agtual .
	Assertion & Expected Result	Actual Result
	SPT-CA-07 Acquisition of address book entries.	as expected
	SPT-CA-08 Acquisition of maximum length address book	
	SFI-CA-00 ACQUISICION OF MAXIMUM TENGCH ACCUPES DOOK	as expected

Test Case SPT-	-06 Cellebrite Version 1.1.8.6	
	entries.	
	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.	Not 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 partially achieved	

5.2.174 SPT-07 (iPhone4 CDMA)

Test Case SPT	-07 Cellebrite Version 1.1.8.6		
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:	Fri Dec 30 09:24:06 EST 2011		
Device:	iPhone4_CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Fri Dec 30 09:24:06 EST 2011		
	Acquisition finished: Fri Dec 30 09:26:38 EST 2011		
	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		

5.2.175 SPT-08 (iPhone4 CDMA)

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Test Case SPT-08 Cellebrite Version 1.1.8.6		
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	

Test Case SPT-08 Cellebrite Version 1.1.8.6		
	device without error, then the corresponding sender / recipies	-
	numbers for text messages shall be presented in a useable for	mat.
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 09:28:01 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 09:28:01 EST 2011	
	Acquisition finished: Fri Dec 30 09:32:33 EST 2011	
	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	ges were
	correctly reported	
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number	as expected
	associated with text messages.	
Analysis:	Expected results achieved	

5.2.176 SPT-09 (iPhone4 CDMA)

Test Case SPT	-09 Cellebrite Version 1.1.8.6	
Case	SPT-09 Acquire mobile device internal memory and review rep	orted MMS
Summary:	multimedia related data (i.e., text, audio, graphics, video	o).
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition device without error, then MMS messages and associated audi presented in a useable format. SPT-CA-22 If a cellular forensic tool completes acquisition device without error, then MMS messages and associated grap be presented in a useable format. SPT-CA-23 If a cellular forensic tool completes acquisition device without error, then MMS messages and associated vide presented in a useable format.	o shall be of the target whic files shall of the target
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 09:33:18 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 09:33:18 EST 2011	
	Acquisition finished: Fri Dec 30 09:36:37 EST 2011	
	ALL MMS messages (Audio, Image, Video) were acquired	
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

Test Case SPT-09 Cellebrite Version 1.1.8.6		
	SPT-CA-23 Acquisition of video MMS messages.	as expected
Analysis:	Expected results achieved	

5.2.177 SPT-10 (iPhone4 CDMA)

Test Case SPT	-10 Cellebrite Version 1.1.8.6		
Case	SPT-10 Acquire mobile device internal memory and revi		
Summary:	alone multimedia 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:	1 Pa		
Test Host:	Morrisy		
Test Date:	Fri Dec 30 09:37:04 EST 2011		
Device:	iPhone4_CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Fri Dec 30 09:37:04 EST 2011		
	Acquisition finished: Fri Dec 30 10:03:41 EST 2011		
	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	
Analysis:	Expected results achieved		

5.2.178 SPT-12 (iPhone4 CDMA)

Test Case SPT-12 Cellebrite Version 1.1.8.6		
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:	Fri Dec 30 10:06:17 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 10:06:17 EST 2011	

Test Case SF	T-12 Cellebrite Version 1.1.8.6	
	Acquisition finished: Fri Dec 30 10:14:18 EST 201	1
	All Internet related data was acquired	
Results:		
	Assertion & Expected Result	Actual Result
	Assertion & Expected Result SPT-CA-28 Acquisition of Internet related data.	Actual Result as expected
	<u>-</u>	

5.2.179 SPT-13 (iPhone4 CDMA)

Test Case SPT	-13 Cellebrite Version 1.1.8.6		
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	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 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 Dec 30 10:15:13 EST 2011		
Device:	iPhone4_CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Fri Dec 30 10:15:13 EST 2011		
	Acquisition finished: Fri Dec 30 10:20:06 EST 2011		
	Acquire All acquisition was successful		
	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.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition. as expected		
Analysis:	Expected results achieved		
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5.2.180 SPT-24 (iPhone4 CDMA)

Test Case SPT	-24 Cellebrite Version 1.1.8.6
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported/generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Fri Dec 30 10:22:03 EST 2011
Device:	iPhone4_CDMA
Source	OS: WIN XP v5.1.2600

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 10:22:03 EST 2011 Acquisition finished: Fri Dec 30 10:27:18 EST 2011 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	

5.2.181 SPT-25 (iPhone4 CDMA)

Test Case SPT	-25 Cellebrite Version 1.1.8.6	
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 Dec 30 10:22:25 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 10:22:25 EST 2011 Acquisition finished: Fri Dec 30 10:27:28 EST 2011 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	

5.2.182 SPT-29 (iPhone4 CDMA)

Test Case SPT-	-29 Cellebrite Version 1.1.8.6	
Case	SPT-29 After a successful mobile device internal memory, alter the case	
Summary:	file via third-party means and attempt to reopen 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 Dec 30 10:28:14 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	

Test Case SPT	-29 Cellebrite Version 1.1.8.6	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 10:28:14 EST 2011 Acquisition finished: Fri Dec 30 10:30:03 EST 2011 Notification of modified device memory data was successful	
Results:	Assertion & Expected Result SPT-AO-27 Notification of modified device case data.	Actual Result as expected
Analysis:	Expected results achieved	

5.2.183 SPT-31 (iPhone4 CDMA)

Test Case SPT	-31 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-31 Perform a physical acquisition and review data output for readability.	
Assertions:	SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device, then the tool shall complete the acquisition without error.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 10:51:27 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 10:51:27 EST 2011 Acquisition finished: Fri Dec 30 10:56:24 EST 2011 Physical Acquisition: readability and completeness was successful	
Rest		Actual Result
	SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected
Analysis:	Expected results achieved	

5.2.184 SPT-32 (iPhone4 CDMA)

Test Case SPT	7-32 Cellebrite Version 1.1.8.6	
Case	SPT-32 Perform a physical acquisition and review reports for recoverable	
Summary:	deleted data.	
Assertions:	SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device, then the tool shall report recoverable active and deleted data or address book data remnants in a useable format. SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device, then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format. SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device, then the tool shall report recoverable active and deleted call or call log data remnants in a useable format. SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device, then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format. SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS	

Test Case SPT	-32 Cellebrite Version 1.1.8.6	
	messages present on the target device, then the tool shall r recoverable active and deleted EMS messages or EMS message d a useable format.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Thu Dec 30 11:06:22 EST 2011	
Device:	iPhone4_CDMA	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Dec 30 11:06:22 EST 2011 Acquisition finished: Thu Dec 30 11:36:34 EST 2011 Deleted address book entries were recovered Deleted PIM data was recovered Deleted Call log data was recovered Deleted text message data was recovered Deleted audio data was not recovered - NA Deleted graphic data was not recovered - NA Deleted video data was not recovered - NA Notes: Deleted notes are located in notes.sqlite and viewable using Cellebrite's Hex View.	the
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-32 Physical acquisition, recovery of deleted address book entries.	as expected
	SPT-AO-33 Physical acquisition, recovery of deleted PIM data.	as expected
	SPT-A0-34 Physical acquisition, recovery of deleted call logs.	as expected
	SPT-A0-35 Physical acquisition, recovery of deleted SMS messages.	as expected
	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected
Analysis:	Expected results achieved	

5.2.185 SPT-33 (iPhone4 CDMA)

Test Case SPT-33 Cellebrite Version 1.1.8.6		
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 Dec 30 10:30:52 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 10:30:52 EST 2011	
	Acquisition finished: Fri Dec 30 10:38:22 EST 2011	

Test Case SPT	-33 Cellebrite Version 1.1.8.6	
	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	as expected
	entries/ADN.	
	SPT-A0-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.186 SPT-38 (iPhone4 CDMA)

Test Case SPT	-38 Cellebrite Version 1.1.8.6	
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 Dec 30 10:39:53 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Dec 30 10:39:53 EST 2011 Acquisition finished: Fri Dec 30 10:50:05 EST 2011 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	

5.2.187 SPT-40 (iPhone4 CDMA)

Test Case SPT	-40 Cellebrite Version 1.1.8.6	
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 acquisition of GPS data, then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 10:51:48 EST 2011	
Device:	iPhone4_CDMA	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Dec 30 10:51:48 EST 2011	

Test Case SP	T-40 Cellebrite Version 1.1.8.6	
	Acquisition finished: Fri Dec 30 10:53:15 EST 2011	
	GPS Coordinate data was successfully acquired	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-44 Acquire data, check GPS data for consistency.	as expected
		_
Analysis:	Expected results achieved	

5.2.188 SPT-01 (HTC Thunderbolt)

Test Case SPT	-01 Cellebrite Version 1.1.8.6		
Case	SPT-01 Acquire mobile device internal memory over tool-support	ted interfaces	
Summary:			
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-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.		
Tester	rpa		
Name:			
Test Host:	Morrisy		
Test Date:	Thu Jan 5 08:52:05 EST 2012		
Device:	HTC_Thunderbolt		
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable		
T	Country live Call device		
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 08:52:05 EST 2012 Acquisition finished: Thu Jan 5 09:01:40 EST 2012 Device connectivity was established via supported interface		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-01 Device connectivity via supported interfaces.	as expected	
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected	
	SPT-CA-29 Acquire-All data objects acquisition.	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 as expected payload for modifications.		
Analysis:	Expected results achieved		

5.2.189 SPT-02 (HTC Thunderbolt)

Test Case SPT	-02 Cellebrite Version 1.1.8.6		
Case	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.		
Summary:			
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 is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 5 09:02:05 EST 2012	,	
Device:	unsupported_device		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 5 09:02:05 EST 2012		
	Acquisition finished: Thu Jan 5 09:06:03 EST 2012		
	Identification of nonsupported devices was successf	ul	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected	
Analysis:	Expected results achieved		

5.2.190 SPT-03 (HTC Thunderbolt)

Test Case SPT	-03 Cellebrite Version 1.1.8.6	
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:	Thu Jan 5 09:06:41 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 5 09:06:41 EST 2012	
	Acquisition finished: Thu Jan 5 09:09:30 EST 2012	
	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	

5.2.191 SPT-04 (HTC Thunderbolt)

Test Case SPT-04 Cellebrite Version 1.1.8.6		
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	

Test Case SPT	-04 Cellebrite Version 1.1.8.6	
	acquired data objects in a useable format via either a previe generated report.	w pane or
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jan 5 09:09:54 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 09:09:54 EST 2012 Acquisition finished: Thu Jan 5 09:23:04 EST 2012 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	·

5.2.192 SPT-05 (HTC Thunderbolt)

Test Case SPT	-05 Cellebrite Version 1.1.8.6		
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:	Thu Jan 5 09:23:54 EST 2012		
Device:	HTC_Thunderbolt		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 5 09:23:54 EST 2012		
	Acquisition finished: Thu Jan 5 09:25:41 EST 2012		
	IMEI, MEID/ESN 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		

5.2.193 SPT-06 (HTC Thunderbolt)

Test Case SPT-	-06 Cellebrite Version 1.1.8.6
Case	SPT-06 Acquire mobile device internal memory and review reported PIM
Summary:	related data.

Test Case SPT	-06 Cellebrite Version 1.1.8.6		
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of	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	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		
	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		
	device without error, then datebook, calendar, note entries s	shall be	
	presented in a useable format.	of the taxast	
	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:	Thu Jan 5 09:47:28 EST 2012		
Device:	HTC_Thunderbolt OS: WIN XP v5.1.2600		
Source Setup:	Interface: cable		
secup.	Interface: Cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 5 09:47:28 EST 2012		
	Acquisition finished: Thu Jan 5 13:01:39 EST 2012		
	Develor Terroth Address Deels subside consideration		
	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 acquired		
	Special Character Address Book entries were acquired		
	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire	red	
	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired	red	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire	red	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire	red	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire ALL PIM related data was acquired		
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire ALL PIM related data was acquired	Actual	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquire ALL PIM related data was acquired Assertion & Expected Result	Actual Result	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries.	Actual Result as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing	Actual Result as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters.	Actual Result as expected as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a	Actual Result as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry.	Actual Result as expected as expected as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within	Actual Result as expected as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry.	Actual Result as expected as expected as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries.	Actual Result as expected as expected as expected as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquir ALL PIM related data was acquired **Assertion & Expected Result** SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	Actual Result as expected as expected as expected as expected as expected Not as	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected Not as expected as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquir ALL PIM related data was acquired **Assertion & Expected Result** SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e.,	Actual Result as expected as expected as expected as expected As expected Not as expected	
Results:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected Not as expected as expected	
Results: Analysis:	Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were acquired Embedded graphics within Address Book entries were not acquired ALL PIM related data was acquired Assertion & Expected Result SPT-CA-07 Acquisition of address book entries. SPT-CA-08 Acquisition of maximum length address book entries. SPT-CA-09 Acquisition of address book entries containing special characters. SPT-CA-10 Acquisition of address book entries containing a blank name entry. SPT-CA-11 Acquisition of embedded email addresses within address book entries. SPT-CA-12 Acquisition of embedded graphics within address book entries. SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	Actual Result as expected as expected as expected as expected as expected Not as expected as expected	

5.2.194 SPT-07 (HTC Thunderbolt)

Test Case SPT	-07 Cellebrite Version 1.1.8.6		
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 Jan 5 13:05:56 EST 2012		
Device:	HTC_Thunderbolt		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 13:05:56 EST 2012 Acquisition finished: Thu Jan 5 13:11:26 EST 2012 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		

5.2.195 SPT-08 (HTC Thunderbolt)

Test Case SPT	-08 Cellebrite Version 1.1.8.6
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:	Thu Jan 5 13:12:04 EST 2012
Device:	HTC_Thunderbolt
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 13:12:04 EST 2012 Acquisition finished: Thu Jan 5 13:14:24 EST 2012 ALL text messages (SMS, EMS) were acquired Correct date/time stamps were reported for all text messages Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text messages were correctly reported

Results:		
Kesuits.	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	

5.2.196 SPT-09 (HTC Thunderbolt)

	-09 Cellebrite Version 1.1.8.6	
Case	SPT-09 Acquire mobile device internal memory and review	reported MMS
Summary:	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		udio shall be
presented in a useable format.		
	SPT-CA-22 If a cellular forensic tool completes acquisit	
	device without error, then MMS messages and associated g	raphic 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 v presented in a useable format.	ideo shall be
	presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jan 5 13:15:01 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 5 13:15:01 EST 2012	
	Acquisition finished: Thu Jan 5 13:21:18 EST 2012	
	Partial andia MC management and	
	Partial audio MMS messages were acquired	
Partial image MMS messages were acquired Partial video MMS messages were acquired		
	Notes:	
	The textual portion of MMS messages were not acquired.	
Results:		
VCDUTTD.	Assertion & Expected Result	Actual Result
	SPT-CA-21 Acquisition of audio MMS messages.	Not as
		expected
	SPT-CA-22 Acquisition of graphic data image MMS	Not as
	messages.	expected
	SPT-CA-23 Acquisition of video MMS messages.	Not as
		expected
Analysis:	Expected results partially achieved	

5.2.197 SPT-10 (HTC Thunderbolt)

Test Case SPT-10 Cellebrite Version 1.1.8.6		
Case	SPT-10 Acquire mobile device internal memory and review reported stand-	
Summary:	alone multimedia 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	

Test Case SPT	-10 Cellebrite Version 1.1.8.6		
	useable format via either an internal application or application. SPT-CA-25 If a cellular forensic tool completes acquidevice without error, then stand-alone graphic files a useable format via either an internal application or party application. SPT-CA-26 If a cellular forensic tool completes acquidevice without error, then stand-alone video files shuseable format via either an internal application or application.	sition of the target shall be presented in suggested thirdstitution of the target all be presented in sition of the target all be presented in sition of the target and the presented in sition of the target all be presented in sition of the target all	n a
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 5 14:06:58 EST 2012		
Device:	HTC_Thunderbolt		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 5 14:06:58 EST 2012 Acquisition finished: Thu Jan 5 14:12:16 EST 2012 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	
Analysis:	Expected results achieved		

5.2.198 SPT-13 (HTC Thunderbolt)

	(1110)	
Test Case SPT	-13 Cellebrite Version 1.1.8.6	
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	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 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 Jan 5 14:15:35 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 5 14:15:35 EST 2012	
	Acquisition finished: Thu Jan 5 14:18:19 EST 2012	
	Acquire All acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected

Test Case SPT-13 Cellebrite Version 1.1.8.6		
	SPT-CA-31 Select-Individual data objects acquisition. as expected	
Analysis:	Expected results achieved	

5.2.199 SPT-24 (HTC Thunderbolt)

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported/generated report formats.	
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jan 6 07:12:07 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Jan 6 07:12:07 EST 2012 Acquisition finished: Fri Jan 6 07:13:43 EST 2012 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	

5.2.200 SPT-25 (HTC Thunderbolt)

Test Case SPT	-25 Cellebrite Version 1.1.8.6	
Case	SPT-25 Acquire mobile device internal memory and review repo	rted data via
Summary:	the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition device without error, then the tool shall present the acquiruseable format in a preview pane view.	_
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jan 6 07:12:37 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Jan 6 07:12:37 EST 2012	
	Acquisition finished: Fri Jan 6 07:13:57 EST 2012	
	Complete representation of known data via preview pane was s	uccessful
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-26 Comparison of known device data elements via	as expected
	preview pane.	
		<u> </u>

Test Case SPT-	-25 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.201 SPT-29 (HTC Thunderbolt)

Test Case SPT	-29 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-29 After a successful mobile device internal memory file via third-party means and attempt to reopen the content of the co	
Assertions:	SPT-AO-27 If the case file or individual data objects third-party means, then the tool shall provide protect disallowing or reporting data modification.	are modified via
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jan 6 07:15:15 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Fri Jan 6 07:15:15 EST 2012	
	Acquisition finished: Fri Jan 6 07:16:58 EST 2012	
	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	

5.2.202 SPT-33 (HTC Thunderbolt)

Test Case SPT	-33 Cellebrite Version 1.1.8.6	
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 displation characters, then the application should present address their native format. SPT-AO-41 If the cellular forensic tool supports proper ASCII characters, then the application should present their native format.	book entries in display of non-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jan 6 07:47:57 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Jan 6 07:47:57 EST 2012 Acquisition finished: Fri Jan 6 08:21:45 EST 2012	
	Non-ASCII Address book entries were acquired and proper Non-ASCII text messages were acquired and properly disp	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADN.	as expected
	SPT-AO-41 Acquisition of non-ASCII text messages.	as expected

Test Case SPT-	-33 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.203 SPT-38 (HTC Thunderbolt)

Test Case SPT	-38 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor-supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects, then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Jan 6 08:23:03 EST 2012	
Device:	HTC_Thunderbolt	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Fri Jan 6 08:23:03 EST 2012 Acquisition finished: Fri Jan 6 08:26:36 EST 2012 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	

5.2.204 SPT-01 (Palm Pre2)

Test Case SPI-	-01 Cellebrite Version 1.1.8.6
Case	SPT-01 Acquire mobile device internal memory over tool-supported interfaces
Summary:	(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-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.
Tester Name:	rpa
	Morrisy
Test Date:	Thu Jan 19 12:16:00 EST 2012

Test Case SPT	-01 Cellebrite Version 1.1.8.6	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 19 12:16:00 EST 2012	
	Acquisition finished: Thu Jan 19 12:17:00 EST 2012	
	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.	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	as expected
	payload for modifications.	
Analysis:	Expected results achieved	

5.2.205 SPT-02 (Palm Pre2)

Test Case SPT	-02 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-02 Attempt internal memory acquisition of a nonsupported mobile 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 is not supported.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 19 12:17:32 EST 2012		
Device:	unsupported_device		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 19 12:17:32 EST 2012		
	Acquisition finished: Thu Jan 19 12:28:46 EST 2012		
	Identification of nonsupported devices was successf	ul	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected	
Analysis:	Expected results achieved		

5.2.206 SPT-03 (Palm Pre2)

Test Case SPT-03 Cellebrite Version 1.1.8.6		
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 Case SPT-03 Cellebrite Version 1.1.8.6			
Test Host:	Morrisy		
Test Date:	Thu Jan 19 12:29:53 EST 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 19 12:29:53 EST 2012		
	Acquisition finished: Thu Jan 19 12:41:07 EST 2012		
	Device acquisition disruption notification was not suc	cessful	
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-03 Notification of device acquisition	Not as	
	disruption.	expected	
Analysis:	Expected results not achieved		

5.2.207 SPT-04 (Palm Pre2)

Test Case SPT	-04 Cellebrite Version 1.1.8.6	
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 Jan 19 12:41:41 EST 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 19 12:41:41 EST 2012	
	Acquisition finished: Thu Jan 19 12:48:45 EST 2012	
	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	

5.2.208 SPT-05 (Palm Pre2)

Test Case SPT-05 Cellebrite Version 1.1.8.6		
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.	

Test Case SPT-05 Cellebrite Version 1.1.8.6			
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 19 12:56:16 EST 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 19 12:56:16		
	Acquisition finished: Thu Jan 19 12:58:04 EST 2012		
	MEID was not acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	Not as expected	
		_	
Analysis:	Expected results partially achieved		

5.2.209 SPT-06 (Palm Pre2)

Test Case SPT	-06 Cellebrite Version 1.1.8.6
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 maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Jan 19 12:59:07 EST 2012
Device:	Palm_Pre2
Source Setup:	OS: WIN XP v5.1.2600 Interface: bluetooth
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 19 12:59:07 EST 2012 Acquisition finished: Thu Jan 19 13:06:56 EST 2012 Regular Length Address Book entries were partially acquired Maximum Length Address Book entries were truncated Special Character Address Book entries were acquired Blank Name Address Book entries were acquired Email addresses within Address Book entries were not acquired

Test Case SPT	-06 Cellebrite Version 1.1.8.6		
	Embedded graphics within Address Book entries were not acquire PIM related data was not acquired - NA	red	
	Notes: The first and last name for address book entries are only reported for entries that contain a first, middle and last name. Maximum length address book entries are truncated. A maximum of 54 characters are dispayed.		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-07 Acquisition of address book entries.	Not 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).	as expected	
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected	
Analysis:	Expected results partially achieved		

5.2.210 SPT-09 (Palm Pre2)

Test Case SPT	-09 Cellebrite Version 1.1.8.6
Case	SPT-09 Acquire mobile device internal memory and review reported MMS
Summary:	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 Jan 19 13:25:38 EST 2012
Device:	Palm_Pre2
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by Cellebrite
Highlights:	Acquisition started: Thu Jan 19 13:25:38 EST 2012
	Acquisition finished: Thu Jan 19 13:29:59 EST 2012
	Partial audio MMS messages were acquired
	Partial image MMS messages were acquired
	Partial video MMS messages were acquired
	Notes:
	Acquisition of the textual portion of MMS messages is not supported.
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

5.2.211 SPT-10 (Palm Pre2)

Test Case SPT	-10 Cellebrite Version 1.1.8.6		
Case	SPT-10 Acquire mobile device internal memory and review reported stand-		
Summary:	alone multimedia 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:	Thu Jan 19 13:31:14 EST 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 19 13:31:14 EST 2012		
	Acquisition finished: Thu Jan 19 13:33:18 EST 2012		
	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	
Analysis:	Expected results achieved		
	Tarana amerikan		

5.2.212 SPT-13 (Palm Pre2)

Test Case SPT	Test Case SPT-13 Cellebrite Version 1.1.8.6	
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of	
Summary:	supported data elements.	
Assertions:	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 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.	

Test Case SPT	-13 Cellebrite Version 1.1.8.6	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu Jan 19 13:34:52 EST 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 19 13:34:52 EST 2012	
	Acquisition finished: Thu Jan 19 13:35:49 EST 2012	
	Individual data element acquisition was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-29 Acquire-All data objects acquisition.	as expected
	SPT-CA-30 Select-All data objects acquisition.	as expected
	SPT-CA-31 Select-Individual data objects acquisition.	as expected
		·
Analysis:	Expected results achieved	

5.2.213 SPT-24 (Palm Pre2)

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
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 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 Jan 19 13:40:13 EST 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 19 13:40:13 EST 2012	
	Acquisition finished: Thu Jan 19 13:44:38 EST 2012	
	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	

5.2.214 SPT-25 (Palm Pre2)

Test Case SPT-	-25 Cellebrite Version 1.1.8.6
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 Case SPT	-25 Cellebrite Version 1.1.8.6	
Test Host:	Morrisy	
Test Date:	Thu Jan 19 13:45:16 EST 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Thu Jan 19 13:45:16 EST 2012	
	Acquisition finished: Thu Jan 19 13:46:36 EST 2012	
	Complete representation of known data via preview pane was	successful
Results:		
	Assertion & Expected Result	Actual
		Result
	SPT-AO-26 Comparison of known device data elements via	as expected
	preview pane.	
Analysis:	Expected results achieved	

5.2.215 SPT-29 (Palm Pre2)

Test Case SPT	-29 Cellebrite Version 1.1.8.6		
Case	SPT-29 After a successful mobile device internal memory, alter the case		
Summary:	file via third-party means and attempt to reopen 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 protect	ion mechanisms	
	disallowing or reporting data modification.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 19 13:47:16 EST 2012		
Device:	Palm_Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 19 13:47:16 EST 2012		
	Acquisition finished: Thu Jan 19 13:50:19 EST 2012		
	Notification of modified device memory data was succes	sful	
Results:			
	Assertion & Expected Result	Actual Result	
l	SPT-AO-27 Notification of modified device case data.	as expected	
Analysis:	Expected results achieved		

5.2.216 SPT-33 (Palm Pre2)

Test Case SPT	-33 Cellebrite Version 1.1.8.6
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 Case SPT	-33 Cellebrite Version 1.1.8.6	
Test Date:	Thu Jan 19 13:52:47 EST 2012	
Device:	Palm_Pre2	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite Acquisition started: Thu Jan 19 13:52:47 EST 2012 Acquisition finished: Thu Jan 19 13:57:27 EST 2012 Non-ASCII Address book entries were acquired and proper Non-ASCII text messages were not acquired - NA	rly displayed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-A0-40 Acquisition of non-ASCII address book entries/ADN.	as expected
	SPT-A0-41 Acquisition of non-ASCII text messages.	as expected
Analysis:	Expected results achieved	

5.2.217 SPT-38 (Palm Pre2)

Tost Cose CDT	-38 Cellebrite Version 1.1.8.6		
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 Jan 19 13:58:23 EST 2012		
Device:	Palm Pre2		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
secup.	interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Thu Jan 19 13:58:23 EST 2012		
	Acquisition finished: Thu Jan 19 14:01:24 EST 2012		
	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	as expected	
	consistency.	_	
Analysis:	Expected results achieved		

5.2.218 SPT-01 (Samsung Haven)

Test Case SPT-01 Cellebrite Version 1.1.8.6		
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	

Test Case SPT	-01 Cellebrite Version 1.1.8.6	
	generated report. SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option, then the tool shat the acquisition of all data objects without error. SPT-CA-30 If a cellular forensic tool provides the user with a individual device data objects, then the tool shall complete the acquisition of all individually selected data objects without SPT-CA-31 If a cellular forensic tool provides the user with the "Select Individual" device data objects for acquisition, then shall acquire each exclusive data object without error. SPT-CA-32 If a cellular forensic tool completes two consecutive acquisitions of the target device without error, then the pay objects) on the mobile device shall remain consistent.	all complete a "Select All" the error. the ability to the tool we logical
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 07:14:23 EST 2012	
Device:	Samsung_Haven	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Jan 4 07:14:23 EST 2012	
	Acquisition finished: Wed Jan 4 07:15:24 EST 2012	
	Device connectivity was established via supported interface	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-01 Device connectivity via supported interfaces.	as expected
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
	SPT-CA-29 Acquire-All data objects acquisition.	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	

5.2.219 SPT-02 (Samsung Haven)

Test Case SPT-	-02 Cellebrite Version 1.1.8.6
Case	SPT-02 Attempt internal memory acquisition of a nonsupported mobile device.
Summary:	
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 is not supported.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jan 4 07:36:39 EST 2012
Device:	unsupported_device
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Log	Created by Cellebrite
Highlights:	Acquisition started: Wed Jan 4 07:36:39 EST 2012
	Acquisition finished: Wed Jan 4 07:38:38 EST 2012
	Identification of nonsupported devices was successful
Results:	

Test Case SPT-02 Cellebrite Version 1.1.8.6			
	Assertion & Expected Result	Actual Result	
	SPT-CA-02 Identification of nonsupported devices.	as expected	
Analysis:	Expected results achieved		

5.2.220 SPT-03 (Samsung Haven)

Test Case SPT	-03 Cellebrite Version 1.1.8.6		
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:	Wed Jan 4 07:39:12 EST 2012		
Device:	Samsung_Haven		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 07:39:12 EST 2012		
	Acquisition finished: Wed Jan 4 07:41:42 EST 2012		
	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		

5.2.221 SPT-04 (Samsung Haven)

Test Case SPT	-04 Cellebrite Version 1.1.8.6	
Case	SPT-04 Acquire mobile device internal memory and review report	rted data via
Summary:	the preview pane or generated reports for readability.	
Assertions:	SPT-CA-04 If a cellular forensic tool completes acquisition of device without error, then the tool shall have the ability to acquired data objects in a useable format via either a previous generated report.	present
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 07:42:09 EST 2012	
Device:	Samsung_Haven	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Wed Jan 4 07:42:09 EST 2012	
	Acquisition finished: Wed Jan 4 07:47:04 EST 2012	
	Readability and completeness of acquired data was successful	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data	as expected
	via supported reports.	

Test Case SPT-04 Cellebrite Version 1.1.8.6		
Analysis:	Expected results achieved	

5.2.222 SPT-06 (Samsung Haven)

Test Case SPT	-06 Cellebrite Version 1.1.8.6		
Case	SPT-06 Acquire mobile device internal memory and review repor	ted PIM	
Summary:	related data.		
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of device without error, then address book entries shall be presuseable format. SPT-CA-08 If a cellular forensic tool completes acquisition of device without error, then maximum length address book entries.	ented in a of the target	
	presented in a useable format. SPT-CA-09 If a cellular forensic tool completes acquisition o device without error, then address book entries containing sp characters shall be presented in a useable format.		
	SPT-CA-10 If a cellular forensic tool completes acquisition o device without error, then address book entries containing bl shall be presented in a useable format.	ank names	
	SPT-CA-11 If a cellular forensic tool completes acquisition o device without error, then email addresses associated with ad 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 o device without error, then datebook, calendar, note entries spresented in a useable format.		
	presented in a useable format. SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error, then maximum length datebook, calendar, note entries		
	shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Jan 4 07:48:57 EST 2012		
Device:	Samsung_Haven		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 07:48:57 EST 2012		
5 5	Acquisition finished: Wed Jan 4 07:51:44 EST 2012		
	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:		1 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 entries.	as expected	
	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	
	SPT-CA-10 Acquisition of address book entries containing a blank name entry.	as expected	
	SPT-CA-11 Acquisition of embedded email addresses within address book entries.	as expected	
	SPT-CA-12 Acquisition of embedded graphics within address book entries.	as expected	
	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	NA	
	SPT-CA-14 Acquisition of maximum length PIM data.	NA	

Test Case SPT	-06 Cellebrite Version 1.1.8.6
Analysis:	Expected results achieved

5.2.223 SPT-13 (Samsung Haven)

Case	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.		
Assertions:	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 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:	Wed Jan 4 07:53:14 EST 2012		
Device:	Samsung_Haven		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 07:53:14 EST 2012		
	Acquisition finished: Wed Jan 4 07:58:54 EST 2012		
	Individual data element acquisition was successful		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-29 Acquire-All data objects acquisition.	as expected	
	SPT-CA-30 Select-All data objects acquisition.	as expected	
	SPT-CA-31 Select-Individual data objects acquisition.	as expected	
Analysis:	Expected results achieved		

5.2.224 SPT-24 (Samsung Haven)

Test Case SPT	-24 Cellebrite Version 1.1.8.6		
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:	Wed Jan 4 07:59:35 EST 2012		
Device:	Samsung_Haven		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 07:59:35 EST 2012		
	Acquisition finished: Wed Jan 4 08:05:33 EST 2012		
	Complete representation of known data via generated reports was successful		
Results:			

Test Case SPT-24 Cellebrite Version 1.1.8.6		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

5.2.225 SPT-25 (Samsung Haven)

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Test Case SPT-25 Cellebrite Version 1.1.8.6				
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:	Wed Jan 4 08:08:39 EST 2012			
Device:	Samsung_Haven			
Source	OS: WIN XP v5.1.2600			
Setup:	Interface: cable			
Log	Created by Cellebrite			
Highlights:	Acquisition started: Wed Jan 4 08:08:39 EST 2012			
	Acquisition finished: Wed Jan 4 08:09:05 EST 2012			
	Complete representation of known data via preview pane was successful			
Results:				
	Assertion & Expected Result	Actual		
		Result		
	SPT-AO-26 Comparison of known device data elements via	as expected		
	preview pane.			
Analysis:	Expected results achieved			

5.2.226 SPT-29 (Samsung Haven)

Test Case SPT-29 Cellebrite Version 1.1.8.6				
Case	SPT-29 After a successful mobile device internal memory, alter the case			
Summary:	file via third-party means and attempt to reopen the case.			
Assertions:	SPT-AO-27 If the case file or individual data objects are modified via third-party means, then the tool shall provide protection mechanisms disallowing or reporting data modification.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	Wed Jan 4 08:16:24 EST 2012			
Device:	Samsung_Haven			
Source	OS: WIN XP v5.1.2600			
Setup:	Interface: cable			
Log	Created by Cellebrite			
Highlights:	Acquisition started: Wed Jan 4 08:16:24 EST 2012 Acquisition finished: Wed Jan 4 08:25:49 EST 2012			
	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		

Test Case SPT-29 Cellebrite Version 1.1.8.6			
Analysis:	Expected results achieved		

5.2.227 SPT-38 (Samsung Haven)

Test Case SPT	-38 Cellebrite Version 1.1.8.6		
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:	Wed Jan 4 08:26:43 EST 2012		
Device:	Samsung_Haven		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 08:26:43 EST 2012 Acquisition finished: Wed Jan 4 08:28:01 EST 2012 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		

About the National Institute of Justice

A component of the Office of Justice Programs, NIJ is the research, development and evaluation agency of the U.S. Department of Justice. NIJ's mission is to advance scientific research, development and evaluation to enhance the administration of justice and public safety. NIJ's principal authorities are derived from the Omnibus Crime Control and Safe Streets Act of 1968, as amended (see 42 U.S.C. §§ 3721–3723).

The NIJ Director is appointed by the President and confirmed by the Senate. The Director establishes the Institute's objectives, guided by the priorities of the Office of Justice Programs, the U.S. Department of Justice, and the needs of the field. The Institute actively solicits the views of criminal justice and other professionals and researchers to inform its search for the knowledge and tools to guide policy and practice.

Strategic Goals

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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.

Agency management

- 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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In addressing these strategic challenges, the Institute is involved in the following program areas: crime control and prevention, including policing; drugs and crime; justice systems and offender behavior, including corrections; violence and victimization; communications and information technologies; critical incident response; investigative and forensic sciences, including DNA; less-than-lethal technologies; officer protection; education and training technologies; testing and standards; technology assistance to law enforcement and corrections agencies; field testing of promising programs; and international crime control.

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