

	NIJ
Special	REPORT
Test Results for Mobile Device Acquisition Tool: Cells	Brita LIFFD

1.1.8.6 – Report Manager 1.8.3/UFED Physical Analyzer 2.3.0

National Institute of Justice Website nij.gov

# U.S. Department of Justice Office of Justice Programs

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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



#### John Laub

Director, National Institute of Justice

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# September 2012

# **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 <a href="CFTT">CFTT Web site (http://www.cftt.nist.gov/">CFTT Web site (http://www.cftt.nist.gov/</a>) 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 <u>CFTT Web</u> 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, <a href="http://www.ojp.usdoj.gov/nij/topics/technology/electronic-crime/cftt.htm">http://www.ojp.usdoj.gov/nij/topics/technology/electronic-crime/cftt.htm</a>

# **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.

Address: 266 Harristown Rd., Ste. 105, Glen Rock, NJ 07452

Tel: (201) 848-8552 Fax: (201) 848-9982

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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	<b>Cases Selected for Execution</b>
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.	GDT 26
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.	GDT 20
Acquire mobile device internal memory and review hash	SPT-38
values for vendor-supported data objects.	CDT 20
Acquire SIM memory and review hash values for vendor-	SPT-39
supported data objects.	

Supported Optional Feature	Cases Selected for Execution
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

### 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	SPT-18
Numbers (ADN).	
Acquire SIM memory and review reported Last Numbers Dialed	SPT-19
(LND).	
Acquire SIM memory and review reported text messages (SMS,	SPT-20
EMS).	211 20
Acquire SIM memory and review recoverable deleted text messages	SPT-21
(SMS, EMS).	
Acquire SIM memory and review reported location-related data (i.e.,	SPT-22
LOCI, GPRSLOCI).	
Acquire SIM memory by selecting a combination of supported data	SPT-23
elements.	
Acquire 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.	

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

# Table 2c: Omitted Test Cases (Samsung Focus)

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 stand-alone 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
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

### Table 1d: Selected Test Cases (Nokia 6350)

Supported Optional Feature	<b>Cases Selected for Execution</b>
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 data objects.	

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).	GDT 20
Acquire SIM memory and review reported text messages	SPT-20
(SMS, EMS).	CDT 21
Acquire SIM memory and review recoverable deleted text	SPT-21
messages (SMS, EMS).	CDT 22
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.	SF 1-23
Acquire mobile device internal memory and review reported	SPT-24
data via supported/generated report formats.	51 1-24
Acquire mobile device internal memory and review reported	SPT-25
data via the preview pane.	51 1 23
Acquire SIM memory and review reported data via	SPT-26
supported/generated report formats.	51 1 20
Acquire SIM memory and review reported data via the	SPT-27
preview pane.	
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful mobile device internal memory, alter 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.	CDT 0.6
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.	CDT 20
Acquire mobile device internal memory and review hash	SPT-38
values for vendor-supported data objects.	CDT 20
Acquire SIM memory and review hash values for vendor-	SPT-39
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
Base Cases	Execution SPT-01, SPT-02, SPT-
Base Cases	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).	51 1 22
Acquire SIM memory by selecting a combination of supported	SPT-23
data elements.	511 25
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 data.	SPT-32
Acquire mobile device internal memory and review data containing non-ASCII characters.	SPT-33
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

**Table 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
(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	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,	SPT-21
EMS).	
Acquire SIM memory and review reported location-related data (i.e., LOCI,	SPT-22
GPRSLOCI).	
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
report formats.	
Acquire SIM memory and review reported data via the preview pane.	SPT-27
Attempt acquisition of a password-protected SIM.	SPT-28
After a successful SIM acquisition, alter the case file via third-party means	SPT-30
and attempt to reopen the case.	
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
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 review	SPT-37
the status flags for text messages present on the SIM.	
Acquire SIM memory and review hash values for vendor-supported data	SPT-39
objects.	

**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	
formats.	

Supported Optional Feature	Cases Selected for Execution
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., 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 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.	
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 accurate count of the remaining number of PIN attempts and if the PIN	SPT-35
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.	Cases Omitted/ Not Executed 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 and attempt to reopen the case.	SPT-30
Perform a physical acquisition and review data output for readability.	SPT-31
Perform a physical acquisition and review reports for recoverable deleted data.	SPT-32
Acquire SIM memory and review data containing non-ASCII characters.	SPT-34
Begin acquisition on a PIN-protected SIM to determine if the tool provides an accurate count of the remaining number of PIN attempts and if the PIN attempts are decremented when entering an incorrect value.	SPT-35
Begin acquisition on a SIM whose PIN attempts have been exhausted to determine if the tool provides an accurate count of the remaining number of PUK attempts and if the PUK attempts are decremented when entering an incorrect value.	SPT-36
Perform a stand-alone mobile device internal memory acquisition and review the status flags for text messages present on the SIM.	SPT-37
Acquire SIM memory and review hash values for vendor-supported data objects.	SPT-39
Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.	SPT-40

**Table 1i: Selected Test Cases (Samsung Haven)** 

Supported Optional 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 report formats.	SPT-26

Unsupported Optional Feature	Cases Omitted/Not Executed
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 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.	_	
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	1	2.1
device without error, then graphics associated with address book entries 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	
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.	•	
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	1	
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.		

Assertions Tested	Tests	Anomaly
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.		
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	1	
device without error, then MMS messages and associated graphic files shall be presented in a useable format.	1	
SPT-CA-23 If a cellular forensic tool completes acquisition of the target		
device without error, then MMS messages and associated video shall be	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	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-		
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	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	
to "Select Individual" device data objects for acquisition, then the tool	-	
shall acquire each exclusive data object without error.		

Assertions Tested	Tests	Anomaly
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error, then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM, then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM, then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader, then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error, then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error, then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error, then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target SIM without error, then the MSISDN shall be presented in a useable format.	1	
SPT-AO-08 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII Abbreviated Dialing Numbers (ADN) shall be presented in a useable format.	1	
SPT-AO-09 If a cellular forensic tool completes acquisition of the target SIM without error, then maximum length ADN shall be presented in a 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 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 useable format.	1	
SPT-AO-12 If a cellular forensic tool completes acquisition of the target SIM without error, then Last Numbers Dialed (LND) shall be presented in a useable format.	1	
SPT-AO-13 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding date/time stamps for LNDs shall be presented in a useable format.	1	
SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII SMS text messages shall be presented in a useable format.	1	

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

Assertions Tested	Tests	Anomaly
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts, then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device, then the tool shall complete the acquisition without error.	1	
SPT-AO-32 If the cellular forensic tool supports the interpretation of address book entries present on the target device, then the tool shall report recoverable active and deleted data or address book data remnants in a useable format.	1	
SPT-AO-33 If the cellular forensic tool supports the interpretation of calendar, tasks, or notes present on the target device, then the tool shall report recoverable active and deleted calendar, tasks, or note data remnants in a useable format.	1	
SPT-AO-34 If the cellular forensic tool supports the interpretation of call logs present on the target device, then the tool shall report recoverable active and deleted call or call log data remnants in a useable format.	1	
SPT-AO-35 If the cellular forensic tool supports the interpretation of SMS messages present on the target device, then the tool shall report recoverable active and deleted SMS messages or SMS message data remnants in a useable format.	1	
SPT-AO-36 If the cellular forensic tool supports the interpretation of EMS messages present on the target device, then the tool shall report recoverable active and deleted EMS messages or EMS message data remnants in a useable format.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters, then the application should present ADN in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters, then the application should present text messages in their native format.	2	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects, then the tool shall present the user with a hash value for each supported data object.	2	
SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data, then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.	1	

Table 3b: Assertions Tested: (BlackBerry Torch)

Tuble Co. Fisser cons Tested. (BluekBerry Toren)		
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	1	
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		
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.		
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	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.	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		
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	1	
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.		

Assertions Tested	Tests	Anomaly
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	1	
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.	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	3.2
presented in a useable format.	_	3.2
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	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		
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.	<u> </u>	
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	
to "Select Individual" device data objects for acquisition, then the tool	2	
shall acquire each exclusive data object without error.		

Assertions Tested	Tests	Anomaly
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		
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.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM		
reader, then the tool shall notify the user that connectivity has been	1	
disrupted.	1	
SPT-AO-04 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	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.		
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	1	
SIM without error, then ASCII SMS text messages shall be presented in		
a useable format.		

Assertions Tested	Tests	Anomaly
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.	1	
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		
1	1	
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.	<u> </u>	
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	1	
remaining number of authentication attempts, then the application	1	
should provide an accurate count of the remaining PIN attempts.		

Assertions Tested	Tests	Anomaly
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)

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-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.  SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted, then the tool shall notify the user that  connectivity has been disrupted.  SPT-CA-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-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.	Assertions Tested	Tests	Anomaly
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 not supported.  SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted, then the tool shall notify the user that connectivity has been disrupted.  SPT-CA-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-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 email addresses associated with address book entries tool entries shall be presented in a useable format.	SPT-CA-01 If a cellular forensic tool provides support for connectivity		
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.  SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted, then the tool shall notify the user that connectivity has been disrupted.  SPT-CA-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-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 email addresses associated with address book entries shall be presented in a useable format.	of the target device, then the tool shall successfully recognize the target	1	
nonsupported device, then the tool shall notify the user that the device is not supported.  SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted, then the tool shall notify the user that connectivity has been disrupted.  SPT-CA-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-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.	device via all vendor-supported interfaces (e.g., cable, Bluetooth, IrDA).		
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shall be presented in a useable format.	shall be presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-13 If a cellular forensic tool completes acquisition of the target	1	
device without error, then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target		
device without error, then maximum length datebook, calendar, note	1	
entries shall be presented in a useable format.	1	
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	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		
reader, then the tool shall notify the user that connectivity has been	1	
disrupted.	1	
SPT-AO-04 If a cellular forensic tool completes acquisition of the target	_	
SIM without error, then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the ICCID shall be presented in a useable	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	1	
SIM without error, then maximum length ADN shall be presented in a		
useable format.		

Assertions Tested	Tests	Anomaly
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.		
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.		
SPT-AO-24 If a cellular forensic tool provides the user with the ability	1	
to "Select Individual" SIM data objects for acquisition, then the tool	1	
shall acquire each exclusive data object without error.		

Assertions Tested	Tests	Anomaly
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	ļ	
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	1	
device without error, then subscriber-related information shall be		
presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error, then equipment-related information shall be presented in a useable format.	1	
SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error, then address book entries shall be presented in a useable format.	1	
SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error, then maximum length address book entries shall be presented in a useable format.	1	
SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error, then address book entries containing special characters shall be presented in a useable format.	1	
SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error, then address book entries containing blank names shall be presented in a useable format.	1	
SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error, then email addresses associated with address book entries shall be presented in a useable format.	1	
SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error, then graphics associated with address book entries shall be presented in a useable format.	1	
SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error, then datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error, then maximum length datebook, calendar, note entries shall be presented in a useable format.	1	
SPT-CA-15 If a cellular forensic tool completes acquisition of the target device without error, then call logs (incoming/outgoing/missed) shall be presented in a useable format.	1	
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error, then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	

Assertions Tested	Tests	Anomaly
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated audio shall be presented in a useable format.	1	3.2
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated graphic files shall be presented in a useable format.	1	3.2
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated video shall be presented in a useable format.	1	3.2
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-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-01 If a cellular forensic tool provides support for connectivity of the target SIM, then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM, then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader, then the tool shall notify the user that connectivity has been disrupted.	1	

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	1	
SIM without error, then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the IMSI shall be presented in a useable format.	1	
SPT-AO-07 If a cellular forensic tool completes acquisition of the target		
SIM without error, then the MSISDN shall be presented in a useable	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.	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.	•	
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.  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.		
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	1	
target SIM without error, then deleted text messages that have not been overwritten shall be presented in a useable format.		
overwitten shan be presented in a uscable format.		

Assertions Tested	Tests	Anomaly
SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error, then location-related data (i.e., LOCI) shall be presented in a useable format.	1	
SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error, then location-related data (i.e., GRPSLOCI) shall be presented in a useable format.	1	
SPT-AO-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.	1	
SPT-AO-23 If a cellular forensic tool provides the user with an "Select All" individual SIM data objects, then the tool shall complete the acquisition of all individually selected data objects without error.	1	
SPT-AO-24 If a cellular forensic tool provides the user with the ability to "Select Individual" SIM data objects for acquisition, then the tool shall acquire each exclusive data object without error.	1	
SPT-AO-25 If a cellular forensic tool completes acquisition of the SIM without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.	2	
SPT-AO-26 If a cellular forensic tool completes acquisition of the SIM without error, then the tool shall present the acquired data in a useable format in a preview pane view.	2	
SPT-AO-27 If the case file or individual data objects are modified via third-party means, then the tool shall provide protection mechanisms disallowing or reporting data modification.	2	
SPT-AO-28 If the SIM is password-protected, then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.	1	
SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts, then the application should provide an accurate count of the remaining PIN attempts.	1	
SPT-AO-30 If a cellular forensic tool provides the examiner with the remaining number of PUK attempts, then the application should provide an accurate count of the remaining PUK attempts.	1	
SPT-AO-40 If the cellular forensic tool supports display of non-ASCII characters, then the application should present ADN in their native format.	2	
SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters, then the application should present text messages in their native format.	2	
SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects, then the tool shall present the user with a hash value for each supported data object.	2	

Table 3e: Assertions Tested: (Motorola Tundra)

Assertions Tested: (Motorola Tundra)  Assertions Tested	Tests	Anomaly
SPT-CA-01 If a cellular forensic tool provides support for connectivity	1 0 5 0 5	11110111111
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		
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		
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		
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	
	1	
entries shall be presented in a useable format.		
SPT-CA-12 If a cellular forensic tool completes acquisition of the target	1	
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	1	2 1
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	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	3.3
device without error, then call logs (incoming/outgoing/missed) shall be		
presented in a useable format.		

Assertions Tested	Tests	Anomaly
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	3.3
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-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	3.7
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 acquisition of all individually selected data objects without error.	2	3.7
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	3.7
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error, then the payload (data objects) on the mobile device shall remain consistent.	1	
SPT-AO-01 If a cellular forensic tool provides support for connectivity of the target SIM, then the tool shall successfully recognize the target SIM via all tool-supported interfaces (e.g., PC/SC reader, proprietary reader, smart phone itself).	2	
SPT-AO-02 If a cellular forensic tool attempts to connect to a nonsupported SIM, then the tool shall notify the user that the SIM is not supported.	1	
SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader, then the tool shall notify the user that connectivity has been disrupted.	1	
SPT-AO-04 If a cellular forensic tool completes acquisition of the target SIM without error, then the SPN shall be presented in a useable format.	1	
SPT-AO-05 If a cellular forensic tool completes acquisition of the target SIM without error, then the ICCID shall be presented in a useable format.	1	
SPT-AO-06 If a cellular forensic tool completes acquisition of the target SIM without error, then the IMSI shall be presented in a useable format.	1	

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.	1	
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	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.		
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.		
_ <del>_</del>	1	

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 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	
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	2.1
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.	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-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	1	
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 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-28 If a cellular forensic tool provides the user with a "Select All' individual device data objects without error.  SPT-CA-30 If a cellular forensic tool provides the user wit	Assertions Tested	Tests	Anomaly
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-21 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-26 If a cellular forensic tool completes acquisition of the target device without error, then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.  SPT-CA-30 If a cellular forensic tool provides the user with an "Select All" individual device d			
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-21 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 video files shall be presented in a useable format via either an internal application or suggested third-party application.  SPT-CA-26 If a cellular 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-28 If a cellular forensic tool completes acquisition of the target device without error, then Internet related data (i.e., bookmarks, visited sites) cached to the device shall be acquired and presented in a useable format.  SPT-CA-39 If a cellular forensic tool provides the user with an "Select All" individual device data objects without error.  SPT-CA-31 If a cellular		1	
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 cither 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 cither 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 cither 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 Internal application or suggested third-party application.  SPT-CA-29 If a cellular forensic tool provides the user with an "Acquire All" device data objects without error.  SPT-CA-30 If a cellular forensic tool provides the user with a "Select All" individual device data objects without error.  SPT-CA-31 If a cellular forensic tool provides the us			
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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			
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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	acquisition of all individually selected data objects without error.		
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	SPT-CA-31 If a cellular forensic tool provides the user with the ability		
SPT-CA-32 If a cellular forensic tool completes two consecutive logical acquisitions of the target device without error, then the payload (data	to "Select Individual" device data objects for acquisition, then the tool	2	
acquisitions of the target device without error, then the payload (data	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		

Assertions Tested	Tests	Anomaly
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		
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	
coordinates for all GPS-related data in a useable format.		
occidinates for all SIS related data in a assault 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		
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		
	1	
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 presented in a useable format.	1	
SPT-CA-16 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps and the duration of the call for call logs shall be presented in a useable format.	1	
SPT-CA-17 If a cellular forensic tool completes acquisition of the target device without error, then ASCII text messages (i.e., SMS, EMS) shall be presented in a useable format.	1	
SPT-CA-18 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding date/time stamps for text messages shall be presented in a useable format.	1	
SPT-CA-19 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.	1	
SPT-CA-20 If a cellular forensic tool completes acquisition of the target device without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.	1	
SPT-CA-21 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated audio shall be presented in a useable format.	1	3.2
SPT-CA-22 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated graphic files shall be presented in a useable format.	1	3.2
SPT-CA-23 If a cellular forensic tool completes acquisition of the target device without error, then MMS messages and associated video shall be presented in a useable format.	1	3.2
SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.	1	
SPT-CA-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	

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	
presented in a useable format.		

Assertions Tested	Tests	Anomaly
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.		
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-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.		
party approacion.		

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 application.	1	
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	
connectivity has been disrupted.		

Assertions Tested	Tests	Anomaly
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.	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	1	
useable format via supported/generated report formats.	1	
SPT-AO-26 If a cellular forensic tool completes acquisition of the target	1	
device without error, then the tool shall present the acquired data in a	1	
useable format in a preview pane view.		
about totiliat in a proviow patie view.		

Assertions Tested	Tests	Anomaly
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-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 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)**

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

Data Objects	<b>Data Elements</b>	
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)

Case S	1 Cellebrite Version 1.1.8.6 PT-01 Acquire mobile device internal memory over tool-support		
		ed 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.		
	PT-CA-29 If a cellular forensic tool provides the user with a	n "Acquire	
	all" device data objects acquisition option, then the tool sha		
	the acquisition of all data objects without error.	iii compicee	
	SPT-CA-30 If a cellular forensic tool provides the user with a	"Select All"	
	ndividual device data objects, then the tool shall complete t		
	equisition of all individually selected data objects without		
	PT-CA-31 If a cellular forensic tool provides the user with t		
	Select Individual" device data objects for acquisition, then		
	shall acquire each exclusive data object without error.	0110 0001	
	PT-CA-32 If a cellular forensic tool completes two consecutiv	re logical	
	equisitions of the target device without error, then the payl		
	objects) on the mobile device shall remain consistent.	(	
Tester r	ра		
Name:			
	Morrisy		
	ri Dec 16 08:37:40 EST 2011		
	Phone4 GSM		
	S: WIN XP v5.1.2600		
Setup: I:	Interface: cable		
T	tookad har Gallaha'ta		
	reated by Cellebrite		
	Acquisition started: Fri Dec 16 08:37:40 EST 2011		
A	Acquisition finished: Fri Dec 16 08:43:20 EST 2011		
	Device connectivity was established via supported interface		
	verice 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.		

### 5.2.2 SPT-02 (iPhone4 GSM)

Test Case SPT-	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 Highlights:	Created by Cellebrite 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 successf	ul	
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	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	1
Results:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.5 SPT-05 (iPhone4 GSM)

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 16 09:32:38 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 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		
ļ	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	
	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected	
Analysis:	Expected results achieved		

# 5.2.6 SPT-06 (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	
	device without error, then address book entries containing bl	lank names
	shall be presented in a useable format.	
	SPT-CA-11 If a cellular forensic tool completes acquisition of	
	device without error, then email addresses associated with ac	ddress book
	entries shall be presented in a useable format.	- · · · · · · · · · · · · · · · · · · ·
	SPT-CA-12 If a cellular forensic tool completes acquisition of	
	device without error, then graphics associated with address k	book entries
	shall be presented in a useable format.	. C. 1.1
	SPT-CA-13 If a cellular forensic tool completes acquisition of	
	device without error, then datebook, calendar, note entries spresented in a useable format.	snall be
	SPT-CA-14 If a cellular forensic tool completes acquisition of	of the target
	device without error, then maximum length datebook, calendar,	
	shall be presented in a useable format.	, Hote entitles
	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	
	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 acquir	red
	Basic 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
	entries.	
	SPT-CA-09 Acquisition of address book entries containing	as expected
	special characters.	
	SPT-CA-10 Acquisition of address book entries containing a	as expected
	blank name entry.	
	SPT-CA-11 Acquisition of embedded email addresses within	as expected
	address book entries.	
	SPT-CA-12 Acquisition of embedded graphics within address	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.	as expected

# 5.2.7 SPT-07 (iPhone4 GSM)

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 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	

#### 5.2.8 SPT-08 (iPhone4 GSM)

Test Case SPT	-08 Cellebrite Version 1.1.8.6		
Case	SPT-08 Acquire mobile device internal memory and review repo	orted 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:	Fri Dec 16 10:29:51 EST 2011 iPhone4 GSM OS: WIN XP v5.1.2600		
Device:			
Source			
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 mess correctly reported		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-17 Acquisition of text messages.	as expected	
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected	
	SPT-CA-19 Acquisition of text message status flags.	as expected	

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 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 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	
1111a + Y 5 + 5 +	Hapececa 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
Analysis:	Expected results achieved	

#### 5.2.13 SPT-14 (iPhone4 GSM)

Test Case SP1	7-14 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 recog via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	nize the target SIM
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Dec 20 06:51:59 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 06:51:59 EST 2011	
	Acquisition finished: Tue Dec 20 06:52:28 EST 2011  Media connectivity was established via supported inter	face
Results:	1	
RESUILS:	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	
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	he 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 Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.	
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader, then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue Dec 20 07:01:45 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 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  SPT-AO-03 Notification of SIM acquisition disruption. as expe	Result cted
Analysis:	Expected results achieved	

# 5.2.16 SPT-17 (iPhone4 GSM)

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 0	7:11:52 EST 2011	
	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		

# 5.2.17 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.	aminities of the CTM
	SPT-AO-10 If a cellular forensic tool completes a without error, then ADN containing special charac	
	a useable format.	ters sharr be presented in
	SPT-AO-11 If a cellular forensic tool completes a	consistion of the STM
	without error, then ADN containing blank names sh	
	useable 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	
	Acquisition finished: Tue Dec 20 07:24:04 EST 2011	
	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	
2	1	

### 5.2.18 SPT-19 (iPhone4 GSM)

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:	Tue Dec 20 07:50:04 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 07:50:04 EST 201	
	Acquisition finished: Tue Dec 20 07:51:26 EST 2011	
	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
		<u> </u>
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 Highlights:	Created by Cellebrite 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

	Correct status flags were reported for text messages Sender and Recipient phone numbers associated with text mes correctly reported	sages were
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-14 Acquisition of SMS messages.	as expected
	SPT-AO-15 Acquisition of EMS messages.	as expected
	SPT-AO-16 Acquisition of text message date/time stamps.	as expected
	SPT-AO-17 Acquisition of text message status flags.	as expected
	SPT-A0-18 Acquisition of sender/recipient phone number associated with text messages.	as expected
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 t (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-A0-19 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

0	2-22 Cellebrite Version 1.1.8.6	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log	Created by Cellebrite	
Highlights:	Acquisition started: Tue Dec 20 08:04:13 EST 201	
	Acquisition finished: Tue Dec 20 08:06:39 EST 20	11
	LOCI data was acquired	
	GPRSLOCI data was acquired	
D 1 to		
Results:		
Kesults:	Assertion & Expected Result	Actual Result
Kesuits:	Assertion & Expected Result SPT-AO-20 Acquisition of LOCI information.	Actual Result as expected
Kesults:	-	
Results:	SPT-AO-20 Acquisition of LOCI information.	as expected
Results:	SPT-AO-20 Acquisition of LOCI information.	as expected

### 5.2.22 SPT-23 (iPhone4 GSM)

	1 1 20 (II II 0 II 0 1 0 0 III)	
Test Case SPI	2-23 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 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 c acquisition 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, t acquire each exclusive data object without error.	ize the target SIM proprietary reader,  with an "Acquire shall complete the with an "Select omplete the ithout error.  with the ability to
	acquire each exclusive data object without ellor.	
Tester	rpa	
Name:	ipa ipa	
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	
secup.	Intellace. SIM_Readel	
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-AO-24 Select-Individual data objects acquisition.	as expected
	22 100 21 001000 INGIVIANCE GARAGE GARAGESTONI.	as empered
Analysis:	Expected results achieved	
- 2	1 *	

# 5.2.23 SPT-24 (iPhone4 GSM)

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-24 Acquire mobile device internal memory and review represented/generated report formats.	orted data via
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition device without error, then the tool shall present the acquiuseable 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 Highlights:	Created by Cellebrite 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 successf	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
Analysis:	Expected results achieved	

#### 5.2.24 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	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:	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 support formats.	orted/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 generated reports.	as expected
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	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:	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	
	Complete representation of known data via preview pane was s	successful
Results:		
	Assertion & Expected Result	Actual
	1	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 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 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, 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:	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 successful	
Results:		
	Assertion & Expected Result Actual Result	
	SPT-AO-27 Notification of modified device case data. as expected	
Analysis:	Expected results achieved	

### 5.2.29 SPT-30 (iPhone4 GSM)

Test Case SPT	-30 Cellebrite Version 1.1.8.6	
Case	SPT-30 After a successful SIM acquisition, alter the co	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	
	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 07:51:23 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 outpo	ut for
Summary: Assertions:	readability.  SPT-AO-31 If the cellular forensic tool supports a physical the target device, then the tool shall complete the acquiseerror.	
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 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-AO-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 SPI	-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 interpr	etation of
	address book entries present on the target device, then the	
	report recoverable active and deleted data or address book d	lata remnants in
	a useable format.	
	SPT-AO-33 If the cellular forensic tool supports the interpr	
	calendar, tasks, or notes present on the target device, then report recoverable active and deleted calendar, tasks, or no	
	report recoverable active and deleted calendar, tasks, or no remnants in a useable format.	nte data
	SPT-AO-34 If the cellular forensic tool supports the interpr	retation of call
	logs present on the target device, then the tool shall repor	
	active and deleted call or call log data remnants in a useab	le format.
	SPT-AO-35 If the cellular forensic tool supports the interpr	
	messages present on the target device, then the tool shall r	=
	recoverable active and deleted SMS messages or SMS message d	lata remnants in
	a useable format.	
	SPT-A0-36 If the cellular forensic tool supports the interpr	
	messages present on the target device, then the tool shall recoverable active and deleted EMS messages or EMS message d	•
	a useable format.	aca remmants III
	SPT-AO-37 If the cellular forensic tool supports the interpr	retation of
	audio files present on the target device, then the tool shall	
	recoverable active and deleted audio data or audio file data	
	useable format.	
	SPT-AO-38 If the cellular forensic tool supports the interpr	
	graphic files present on the target device, then the tool sh	
	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 interpr	otation of
	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.	
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date: Device:	Thu Dec 29 09:44:26 EST 2011 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 eddered beet a second	
	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	the
	Cellebrite's Hex View.	
Results:		
ICOUTED.	Assertion & Expected Result	Actual
		Result
	SPT-AO-32 Physical acquisition, recovery of deleted	as expected
	address book entries.	-
	SPT-AO-33 Physical acquisition, recovery of deleted PIM	as expected
	data.	
	SPT-AO-34 Physical acquisition, recovery of deleted call	as expected
	logs.	

Assertion & Expected Result	Actual Result
SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected
SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected

#### 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 non-ASCII characters, then the application should present address book entries in their native format.  SPT-AO-41 If the cellular forensic tool supports proper display of non-ASCII characters, then the application should present text messages in their native format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu 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-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		

### 5.2.33 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	played
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	

#### 5.2.34 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:		T	
	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	-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	-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 Summary:	SPT-38 Acquire mobile device internal memory and review hash values for vendor-supported data objects.	
Assertions:	SPT-AO-43 If the cellular forensic tool supports hashing for individual data objects, then the tool shall present the user with a hash value for each supported data object.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Thu 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 acquirelements	red device data
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

# 5.2.37 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	Created by Cellebrite
Highlights:	Acquisition started: Thu Dec 29 14:38:12 EST 2011 Acquisition finished: Thu Dec 29 14:41:32 EST 2011

Test Case SPT-39 Cellebrite Version 1.1.8.6		
	Hash values were properly reported for individually acquielements	ired 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	

### 5.2.38 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 Name:	rpa	
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 Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 07:50:55 EST 2012 Acquisition finished: Mon Jan 30 07:55:27 EST 2012	
Results:	Device connectivity was established via supported interface	
nosuros.	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	

# 5.2.40 SPT-02 (BlackBerry Torch)

Test Case SPT-02 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-02 Attempt internal memory acquisition of a non	supported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to c device, then the tool shall notify the user that th supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Mon Jan 30 07:56:59 EST 2012	
Device:	unsupported device	
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable	
Log Highlights:	Created by Cellebrite 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 successf	ul
Results:	Assertion & Expected Result SPT-CA-02 Identification of nonsupported devices.	Actual Result as expected
Analysis:	Expected results achieved	

# 5.2.41 SPT-03 (BlackBerry Torch)

Test Case SPT	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 ce tool is disrupted, then the tool shall notify the user that 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 Highlights:	Created by Cellebrite 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	
71	Throughod manulate askinged		
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 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	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 started: Mon Jan 30 08:01:03 EST 2012	
	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 mem	ory and review re	eported subscriber
Summary:	and equipment-related information (e.g.,	IMEI/MEID/ESN, MS	SISDN).
Assertions:	SPT-CA-05 If a cellular forensic tool com	<b>.</b> .	_
	device without error, then subscriber-rel	ated information	shall be
	presented in a useable format.		
	SPT-CA-06 If a cellular forensic tool com		_
	device without error, then equipment-relain a useable format.	ted information s	snall 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		
T	Constant has Callinharts		
Log Highlights:	Created by Cellebrite	DOM 2012	
mignifignes:	Acquisition started: Mon Jan 30 08:31:24 EST 2012 Acquisition finished: Mon Jan 30 08:32:39 EST 2012		
	Acquisition finished. Mon Jan 30 00.32.39	E31 2012	
	Subscriber and equipment-related data (i.	e., MSISDN, IMEI)	were acquired
	,		<u> </u>
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		
MIGTASTS.	Expected resurts 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 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

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

### 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 revi	ew reported call logs.
Summary:		
Assertions:	SPT-CA-15 If a cellular forensic tool completes acqui	sition 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	orted
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)

Case SE Summary: me Assertions: SF de pr SE de me SE de fc	Recellebrite Version 1.1.8.6 PT-08 Acquire mobile device internal memory and review report essages. PT-CA-17 If a cellular forensic tool completes acquisition of evice without error, then ASCII text messages (i.e., SMS, EMS resented in a useable format. PT-CA-18 If a cellular forensic tool completes acquisition of evice without error, then the corresponding date/time stamps essages shall be presented in a useable format. PT-CA-19 If a cellular forensic tool completes acquisition of evice without error, then the corresponding status (i.e., reaport text messages shall be presented in a useable format. PT-CA-20 If a cellular forensic tool completes acquisition of evice without error, then the corresponding sender / recipient umbers for text messages shall be presented in a useable form	the target the target the target for text the target ad, unread) the target at phone
Summary: me Assertions: SF de pr SF de me SF de fc	PT-CA-17 If a cellular forensic tool completes acquisition of evice without error, then ASCII text messages (i.e., SMS, EMS resented in a useable format.  PT-CA-18 If a cellular forensic tool completes acquisition of evice without error, then the corresponding date/time stamps essages shall be presented in a useable format.  PT-CA-19 If a cellular forensic tool completes acquisition of evice without error, then the corresponding status (i.e., reaport text messages shall be presented in a useable format.  PT-CA-20 If a cellular forensic tool completes acquisition of evice without error, then the corresponding sender / recipients	the target s) shall be the target for text the target ad, unread) the target at phone
Assertions: SE de pr SE de me SE de	PT-CA-17 If a cellular forensic tool completes acquisition of evice without error, then ASCII text messages (i.e., SMS, EMS resented in a useable format.  PT-CA-18 If a cellular forensic tool completes acquisition of evice without error, then the corresponding date/time stamps essages shall be presented in a useable format.  PT-CA-19 If a cellular forensic tool completes acquisition of evice without error, then the corresponding status (i.e., reactive or text messages shall be presented in a useable format.  PT-CA-20 If a cellular forensic tool completes acquisition of evice without error, then the corresponding sender / recipients	E the target for text  E the target ad, unread)  E the target at phone
		·
Tester Name: rp	na	
	pa orrisy	
	on Jan 30 09:20:34 EST 2012	
	lackBerry Torch	
	S: WIN XP v5.1.2600	
	nterface: cable	
becap.	nterrace. Cable	
Highlights: Ac Ac Ac Ac Ac Cc Cc Se Cc	reated by Cellebrite cquisition started: Mon Jan 30 09:20:34 EST 2012 cquisition finished: Mon Jan 30 09:22:41 EST 2012 cquisition finished: Mon Jan 30 09:22:41 EST 2012 LL text messages (SMS, EMS) were acquired prize date/time stamps were reported for all text messages prizect status flags were reported for all text messages ender and Recipient phone numbers associated with text messages prizectly reported	ges were
Results:		
	Assertion & Expected Result	Actual Result
5	SPT-CA-17 Acquisition of text messages.	as expected
5	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: Ex	xpected results achieved	

# 5.2.47 SPT-09 (BlackBerry Torch)

Test Case SPT	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	

Log	Created by Cellebrite	
Highlights:	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.	
Results:		
icourco.	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
	SPT-CA-22 Acquisition of graphic data image MMS messages.	
		Not as
	messages.	Not as expected

# 5.2.48 SPT-10 (BlackBerry Torch)

Test Case SPT	-10 Cellebrite Version 1.1.8.6	
Case	SPT-10 Acquire mobile device internal memory and revi	ew reported stand-
Summary:	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 oparty 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	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Mon Jan 30 10:24:33 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 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	presented in a useable
	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.	
Assertions:	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:	Mon Jan 30 12:42:59 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 12:42:59 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 SPI	-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 recog via 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 Highlights:	Created by Cellebrite 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 Actual 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 revie	ew reported subscriber and equipment-
Summary:	related information (i.e., SPN, ICC	CID, IMSI, MSISDN).
Assertions:	SIM without error, then the SPN sha SPT-AO-05 If a cellular forensic to SIM without error, then the ICCID s SPT-AO-06 If a cellular forensic to SIM without error, then the IMSI sh SPT-AO-07 If a cellular forensic to	col completes acquisition of the target all be presented in a useable format. Col completes acquisition of the target shall be presented in a useable format. Col completes acquisition of the target hall be presented in a useable format. Col completes acquisition of the target shall be presented in a useable format.
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 13 All subscriber-related data (i.e.,	
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	

## 5.2.55 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 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 Host:	Mon Jan 30 13:10:00 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 13:10:00 EST 2012 Acquisition finished: Mon Jan 30 13:12:32 EST 201 All ADN were acquired	
Results:	Taxantian C Emparted Davilt	Actual Result
	Assertion & Expected Result SPT-AO-08 Acquisition of ADN.	as expected
	<u> </u>	-
	SPT-AO-09 Acquisition of maximum length ADN. SPT-AO-10 Acquisition of special character ADN.	as expected
	<u> </u>	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 Highlights:	Created by Cellebrite 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
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:	ons: SPT-AO-14 If a cellular forensic tool completes acquisition of the ta SIM without error, then ASCII SMS text messages shall be presented in useable 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-18 If a cellular forensic tool completes acquisition of text messages shall be presented in a useable format.  SPT-AO-18 If a cellular forensic tool completes acquisition of the content of the c	unread) for
	SIM without error, then the corresponding sender / recipient for text messages shall be presented in a useable format.	phone numbers
Tester Name:	rpa	
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 messa correctly reported	ages were
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	

	the shall be supplied by the same by	
	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:		
	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		
	Acquisition finished: Mon Jan 30 13:39:38 EST 20	12	
	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	2-23 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	rpa	
Name:		
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-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	

# 5.2.61 SPT-24 (BlackBerry Torch)

SPT-24 Acquire mobile device internal memory and review reported data via	
supported/generated report formats.	
SPT-AO-25 If a cellular forensic tool completes acquisition	_
· · · · · · · · · · · · · · · · · · ·	red data in a
useable format via supported/generated report formats.	
rpa	
Morrisy	
Mon Jan 30 13:42:29 EST 2012	
BlackBerry Torch	
OS: WIN XP v5.1.2600	
Interface: cable	
Created by Cellebrite	
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
Assertion & Expected Result	Actual Result
SPT-AO-25 Comparison of known device data elements via	as expected
generated reports.	
	supported/generated report formats.  SPT-AO-25 If a cellular forensic tool completes acquisition device without error, then the tool shall present the acquiuseable format via supported/generated report formats.  rpa  Morrisy  Mon Jan 30 13:42:29 EST 2012  BlackBerry Torch  OS: WIN XP v5.1.2600 Interface: cable  Created by Cellebrite 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  Assertion & Expected Result

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	

## 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 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:	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	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	

## 5.2.64 SPT-27 (BlackBerry Torch)

Summary:  Assertions: SPT-A0-26 If a cellular forensic tool completes acquisition of the SIM without error, then the tool shall present the acquired data in a useably 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 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 SPT-A0-26 Comparison of known device data elements via preview pane.  as expected		-27 Cellebrite Version 1.1.8.6		
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 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 SPT-AO-26 Comparison of known device data elements via as expecte preview pane.		SPT-27 Acquire SIM memory and review reported data via the preview pane.		
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  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  SPT-AO-26 Comparison of known device data elements via as expecte preview pane.				
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  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  SPT-AO-26 Comparison of known device data elements via as expecte preview pane.	Assertions:			
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  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  SPT-AO-26 Comparison of known device data elements via as expecte preview pane.			ta in a useable	
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 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 SPT-AO-26 Comparison of known device data elements via preview pane.  Actual Result		format in a preview pane view.		
Test Date: Mon Jan 30 13:50:45 EST 2012  Device: BlackBerry Torch  Source OS: WIN XP v5.1.2600  Interface: SIM_Reader  Log Created by Cellebrite 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  SPT-AO-26 Comparison of known device data elements via preview pane.  Actual Result	Tester Name:	rpa		
Device: BlackBerry Torch  Source OS: WIN XP v5.1.2600 Interface: SIM_Reader  Log Created by Cellebrite 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 SPT-AO-26 Comparison of known device data elements via preview pane.  Actual Result	Test Host:	Morrisy		
Source OS: WIN XP v5.1.2600 Setup: Interface: SIM_Reader  Log Created by Cellebrite 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 SPT-AO-26 Comparison of known device data elements via as expecte preview pane.	Test Date:	Mon Jan 30 13:50:45 EST 2012		
Setup: Interface: SIM_Reader  Log	Device:	BlackBerry_Torch		
Log Created by Cellebrite 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 SPT-AO-26 Comparison of known device data elements via as expecte preview pane.  Actual Result	Source	OS: WIN XP v5.1.2600		
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  SPT-AO-26 Comparison of known device data elements via as expecte preview pane.  Actual Result	Setup:	Interface: SIM_Reader		
Acquisition finished: Mon Jan 30 13:52:48 EST 2012  Complete representation of known data via preview pane was successful  Results:  Assertion & Expected Result  SPT-A0-26 Comparison of known device data elements via as expecte preview pane.  Actual Result  SPT-A0-26 Comparison of known device data elements via as expecte	Log	Created by Cellebrite		
Complete representation of known data via preview pane was successful  Results:  Assertion & Expected Result  SPT-A0-26 Comparison of known device data elements via as expecte preview pane.  as expecte	Highlights:	Acquisition started: Mon Jan 30 13:50:45 EST 2012		
Results:  Assertion & Expected Result  SPT-A0-26 Comparison of known device data elements via preview pane.  Actual Result  separate as expecte		Acquisition finished: Mon Jan 30 13:52:48 EST 2012		
Assertion & Expected Result  SPT-A0-26 Comparison of known device data elements via as expecte preview pane.  Actual Result  as expecte		Complete representation of known data via preview pane was	successful	
Result  SPT-AO-26 Comparison of known device data elements via as expecte preview pane.	Results:			
preview pane.		Assertion & Expected Result		
			as expected	
Provided and the spiritual				
Analysis:   Expected results achieved	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 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		
	Ability to enter PIN on protected media before acq	uisition was successful	
Results:		<del></del>	
	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 memor	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:		
	Assertion & Expected Result	Actual Result
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

#### 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 c	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 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 13:58:37 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	
3 3	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-AO-40 If the cellular forensic tool supports display of non-ASCII
	characters, then the application should present address book entries in

Test Case SPT	-33 Cellebrite Version 1.1.8.6	
	their native format.  SPT-AO-41 If the cellular forensic tool supports proper d ASCII characters, then the application should present tex	1 1
	their native format.	3
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 Highlights:	Created by Cellebrite Acquisition started: Mon Jan 30 14:01:09 EST 2012 Acquisition finished: Mon Jan 30 14:03:59 EST 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.	
Results:		T
	Assertion & Expected Result	Actual Result
	SPT-AO-40 Acquisition of non-ASCII address book entries/ADN.	Not as
	SPT-AO-41 Acquisition of non-ASCII text messages.	expected as expected
	ori-AO-41 Acquisition of hon-ASCII text messages.	as expected
Analysis:	Expected results partially achieved	

## 5.2.69 SPT-34 (BlackBerry Torch)

Test Case SPT	-34 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-34 Acquire SIM memory and review data containing no	n-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:	Mon Jan 30 14:26:07 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 14:26:07 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 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	

# 5.2.70 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 Highlights:	Created by Cellebrite 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:		<del>-</del>	
	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: Assertions:	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.  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:	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 displayed	
Results:		<del></del>
	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 has	h 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	
AHALYSIS.	Expected results acuteved	

## 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 data objects, then the tool shall present the user with a haleach 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	
whatAsis:	Expected resurts acuteved	

## 5.2.74 SPT-01 (Samsung Focus)

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 conthe target device, then the tool shall successfully recognize device via all vendor-supported interfaces (e.g., cable, Bluet 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.  SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option, then the tool shall have 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 acquisition of all individually selected data objects without SPT-CA-31 If a cellular forensic tool provides the user with "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 consecuting acquisitions of the target device without error, then the pay objects) on the mobile device shall remain consistent.	nnectivity of the target tooth, IrDA). f the target present w pane or an "Acquire all complete a "Select All" the error. the ability to the tool we logical
	objects) on the mobile device shall remain consistent.	
Tester	rna	
Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Feb 1 09:42:12 EST 2012	
Device:	Samsung Focus	
Source	OS: WIN XP v5.1.2600	
Setup:	Interface: bluetooth	
~F.		
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	as expected
	payload for modifications.	_
Analysis	Euroated weaplife achieved	
Analysis:	Expected results achieved	

## 5.2.75 SPT-02 (Samsung Focus)

· ,			
Test Case SPT	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 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 ce		
	tool is disrupted, then the tool shall notify the user tha	t 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	
		<u> </u>	
Analysis:	Expected results achieved		
4	<u> </u>		

## 5.2.77 SPT-04 (Samsung Focus)

Test Case SPI	2-04 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:	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 via supported reports.	as expected
Analysis:	Expected results achieved	

# 5.2.78 SPT-06 (Samsung Focus)

Test Case SDT	-06 Cellebrite Version 1.1.8.6		
Case Case SF1	SPT-06 Acquire mobile device internal memory and review report	stad DTM	
Summary:	related data.	rea tim	
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target		
ASSELLIONS.	device without error, then address book entries shall be presented in a		
	useable format.	senced in a	
	SPT-CA-08 If a cellular forensic tool completes acquisition of	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 sp	_	
	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 bl	-	
	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 a		
	entries shall be presented in a useable format.		
	SPT-CA-12 If a cellular forensic tool completes acquisition of	of the target	
	device without error, then graphics associated with address k	oook 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.		
	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:	Wed Feb 1 10:13:38 EST 2012		
Device:	Samsung Focus		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: bluetooth		
ccup.	1		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Wed Feb 1 10:13:38 EST 2012		
	Acquisition finished: Wed Feb 1 10:14:33 EST 2012		
	All address book entries were successfully acquired		
	Notes:		
	Notes: When Contacts /Address book entries containing a first middle	and lact same	
	When Contacts/Address book entries containing a first, middle are acquired the first name is appended with a semi-colon.	and rast name	
	are adjusted the first hame 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.		

Assertion & Expected Result	Actual Result
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

## 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	Created by Cellebrite		
Highlights:	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		
		<u>-</u>	
Analysis:	Expected results achieved		
-			

## 5.2.80 SPT-14 (Samsung Focus)

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 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 Case SPT	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 Setup:	OS: WIN XP v5.1.2600 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 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:	Wed Feb 1 10:36:06 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 10:36:06 EST 2012 Acquisition finished: Wed Feb 1 10:37:09 EST 2012 Identification of nonsupported media was successful		
Results:	Assertion & Expected Result SPT-AO-02 Identification of nonsupported SIM.	Actual Result 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 successful	
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 revie	ew 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 ADN were acquired	
	AII ADN Wele 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	

## 5.2.85 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.		
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		
	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		

# 5.2.86 SPT-20 (Samsung Focus)

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 SIM without error, then ASCII SMS text messages shall be prouseable format.  SPT-AO-15 If a cellular forensic tool completes acquisition SIM without error, then ASCII EMS text messages shall be prouseable format.  SPT-AO-16 If a cellular forensic tool completes acquisition SIM without error, then the corresponding date/time stamps messages shall be presented in a useable format.  SPT-AO-17 If a cellular forensic tool completes acquisition SIM without error, then the corresponding status (i.e., reactext messages shall be presented in a useable format.  SPT-AO-18 If a cellular forensic tool completes acquisition SIM without error, then the corresponding sender / recipient for text messages shall be presented in a useable format.	of the target esented in a of the target for all text of the target d, unread) for of the target
Tester Name:	ma	
Test Host:	rpa Morrisy	
	Wed Feb 1 11:53:36 EST 2012	
Test Date: Device:	Samsung Focus	
Source:	OS: WIN XP v5.1.2600	
Setup:	Interface: SIM_Reader	
Log Highlights:	Created by Cellebrite Acquisition started: Wed Feb 1 11:53:36 EST 2012 Acquisition finished: Wed Feb 1 11:59:34 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 messager correctly reported	sages were
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	

## 5.2.87 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-A0-19 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 Summary:	SPT-22 Acquire SIM memory and review reported location-related data (i.e., LOCI, GPRSLOCI).	
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error, then location-related data (i.e., LOCI) shall be presented in a useable format.  SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error, then location-related data (i.e., GRPSLOCI) shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed 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 SP	T-23 Cellebrite Version 1.1.8.6	
	acquire each exclusive data object without error.	
m		
Tester	rpa	
Name:		
Test Host:	Morrisy	
Test Date:	Wed Feb 1 12:07:01 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 12:07:01 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-AO-24 Select-Individual data objects acquisition.	as expected
Analysis:	Expected results achieved	
	Imposona rosaros acintovoa	

## 5.2.90 SPT-24 (Samsung Focus)

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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 acquir	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	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	Created by Cellebrite	
Highlights:	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 suppo	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 Setup:	OS: WIN XP v5.1.2600 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-A0-25 Comparison of known device data elements via generated reports.	as expected
Analysis	Expected results achieved	
Analysis:	rybected teantts acutesed	

## 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 Summary:	SPT-28 Attempt acquisition of a password-protected SIM.		
Assertions:	SPT-AO-28 If the SIM is password-protected, then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Wed Feb 1 12:26:25 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 12:26:25 EST 2012 Acquisition finished: Wed Feb 1 12:28:14 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		

## 5.2.95 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 succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

## 5.2.96 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	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	
MIGITASTS.	Expected results achieved	

#### 5.2.97 SPT-33 (Samsung Focus)

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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 Setup:	OS: WIN XP v5.1.2600 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 properl	y 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	

## 5.2.98 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-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	

## 5.2.99 SPT-35 (Samsung Focus)

Test Case SPT	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:	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 displayed	
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: Assertions:	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.  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:	nlights: 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 acquielements	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	
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-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

#### 5.2.103 SPT-01 (Nokia 6350)

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.

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	SPT-03 Begin mobile device internal memory acquisition and interrupt		
Summary:	connectivity by interface disengagement.		
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted, then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue 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 SP	F-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:	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:		
	Assertion & Expected Result	Actual Result
	SPT-CA-04 Readability and completeness of acquired data via supported reports.	as expected
Analysis:	Expected results achieved	

## 5.2.107 SPT-05 (Nokia 6350)

-05 Cellebrite Version 1.1.8.6		
SPT-05 Acquire mobile device internal memory and review reported subscriber		
and equipment-related information (e.g., IMEI/MEID/ESN, MSISDN).		
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.		
	ted information shall be presented	
in a useable format.		
rpa		
-		
Nokia6350		
Interface: cable		
_		
±		
Acquisition finished: Tue Jan 31 08:07:26	EST 2012	
	107077 7177)	
Subscriber and equipment-related data (1.6	e., MSISDN, IMEI) were acquired	
Assertion & Expected Result	Actual Result	
-	as expected	
<u> </u>	as expected	
Expected results achieved		
	SPT-05 Acquire mobile device internal mem and equipment-related information (e.g., SPT-CA-05 If a cellular forensic tool com device without error, then subscriber-rel presented in a useable format. SPT-CA-06 If a cellular forensic tool com device without error, then equipment-rela in a useable format.  rpa Morrisy Tue Jan 31 08:02:52 EST 2012 Nokia6350 OS: WIN XP v5.1.2600 Interface: cable  Created by Cellebrite Acquisition started: Tue Jan 31 08:02:52 Acquisition finished: Tue Jan 31 08:07:26 Subscriber and equipment-related data (i.  Assertion & Expected Result SPT-CA-05 Acquisition of MSISDN, IMSI. SPT-CA-06 Acquisition of IMEI/MEID/ESN.	

#### 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

Setup:	Interface: cable	
Log Highlights:	Created by Cellebrite 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 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	

## 5.2.109 SPT-07 (Nokia 6350)

Test Case SPT-06 Cellebrite Version 1.1.8.6

Test Case SPT	-07 Cellebrite Version 1.1.8.6		
Case	SPT-07 Acquire mobile device internal memory and revi	ew reported call logs.	
Summary:			
Assertions:	SPT-CA-15 If a cellular forensic tool completes acqui	sition 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/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 rep	orted	
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		

## 5.2.110 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		
becap.	interface. Cable		
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		
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	

Log	Created by Cellebrite			
Highlights:	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:				
icourco.	Assertion & Expected Result	Actual Result		
	CDT C3 01 3 1 1 1 1 5 11 100	Not. as		
	SPT-CA-21 Acquisition of audio MMS messages.	NUL as		
	SPT-CA-21 Acquisition of audio MMS messages.	expected		
	SPT-CA-21 Acquisition of audio MMS messages.  SPT-CA-22 Acquisition of graphic data image MMS			
		expected		
	SPT-CA-22 Acquisition of graphic data image MMS	expected Not as		
	SPT-CA-22 Acquisition of graphic data image MMS messages.	expected Not as expected		

## 5.2.112 SPT-10 (Nokia 6350)

Test Case SPI	-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:	1 pu		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 09:23:39 EST 2012		
Device:	Nokia6350		
Source	OS: WIN XP v5.1.2600		
Setup:	Interface: cable		
Log	Created by Cellebrite		
Highlights:	Acquisition started: Tue Jan 31 09:23:39 EST 2012		
J J 111	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		
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#### 5.2.114 SPT-14 (Nokia 6350)

Test Case SP	T-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	Created by Cellebrite	
Highlights:	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:	The state of Provided Parallel	
	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 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:	Tue Jan 31 09:45:44 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 09:45:44 EST 2012 Acquisition finished: Tue Jan 31 09:47:05 EST 2012  Identification of nonsupported media was successful		
Results:	Assertion & Expected Result  SPT-A0-02 Identification of nonsupported SIM. as expected		
Analysis:	Expected results achieved		

#### 5.2.116 SPT-16 (Nokia 6350)

Test Case SPT	-16 Cellebrite Version 1.1.8.6		
Case Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.		
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader, then the tool shall notify the user that connectivity has been disrupted.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Tue Jan 31 09:48:16 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 09:48:16 EST 2012 Acquisition finished: Tue Jan 31 09:50:11 EST 2012  Media acquisition disruption notification was successful		
Results:	Assertion & Expected Result	Actual Result	
	SPT-AO-03 Notification of SIM acquisition disruption.		
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 acc hall be presented ool completes acc	quisition of the target d in a useable format. quisition 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-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		

# 5.2.118 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	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	

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:		T	
	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	SPT-20 Acquire SIM memory and review reported text messages (SMS, EMS).
Summary:	
Assertions:	SPT-AO-14 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII SMS text messages shall be presented in a useable format.  SPT-AO-15 If a cellular forensic tool completes acquisition of the target SIM without error, then ASCII EMS text messages shall be presented in a useable format.  SPT-AO-16 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding date/time stamps for all text messages shall be presented in a useable format.  SPT-AO-17 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding status (i.e., read, unread) for text messages shall be presented in a useable format.  SPT-AO-18 If a cellular forensic tool completes acquisition of the target SIM without error, then the corresponding sender / recipient phone numbers for text messages shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	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	Created by Cellebrite	
Highlights:	Acquisition started: Tue Jan 31 10:05:20 EST 2012	
	Acquisition finished: Tue Jan 31 10:09:09 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 mes correctly reported	sages were
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	as expected
	I Sil AO 10 Acquisición of Sender/Tecipient phone number	ab checca
	associated with text messages.	as enpeceda
	1 1	do enpeceed

#### **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 Result
	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 Highlights:	Created by Cellebrite Acquisition started: Tue Jan 31 10:14:33 EST 201 Acquisition finished: Tue Jan 31 10:15:44 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	

# 5.2.123 SPT-23 (Nokia 6350)

	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	
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:		1 1
	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	

#### 5.2.124 SPT-24 (Nokia 6350)

Test Case SPT	-24 Cellebrite Version 1.1.8.6	
Case Summary:	SPT-24 Acquire mobile device internal memory and review reposupported/generated report formats.	orted data via
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 Setup:	OS: WIN XP v5.1.2600 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)

preview pane.  -AO-26 If a cellular forensic tool completes acquisition to without error, then the tool shall present the acquisble format in a preview pane view.	
ce without error, then the tool shall present the acquiable format in a preview pane view.  risy  Jan 31 13:21:47 EST 2012  1a6350  WIN XP v5.1.2600	
Jan 31 13:21:47 EST 2012 a6350 WIN XP v5.1.2600	
Jan 31 13:21:47 EST 2012 a6350 WIN XP v5.1.2600	
La6350 WIN XP v5.1.2600	
WIN XP v5.1.2600	
erface: cable	
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	
sertion & Expected Result	Actual Result
<u> </u>	as expected
	uisition finished: Tue Jan 31 13:24:46 EST 2012

# 5.2.126 SPT-26 (Nokia 6350)

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:	Tue Jan 31 13:25:22 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 13:25:22 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 Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected

#### 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 Setup:	OS: WIN XP v5.1.2600 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 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-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:	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	
3 3	Acquisition finished: Tue Jan 31 13:34:15 EST 2012	
	Notification of modified device memory data was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

# 5.2.130 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:		<del>,</del>
	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	data containing
Summary:	non-ASCII characters.	
Assertions:	SPT-AO-40 If the cellular forensic tool supports display 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 to their native format.	book entries in display of non-
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 Highlights:	Created by Cellebrite  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 proper Non-ASCII text messages were acquired and properly disp	
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	

# 5.2.132 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 of ASCII characters, then the application should present text their native format.	display 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 displayed	ayed
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 that the provided that the provided the provided that the prov	PIN attempts and if
Assertions:	SPT-AO-29 If a cellular forensic tool provides the examiner with the remaining number of authentication attempts, then the application should provide an accurate count of the remaining PIN attempts.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Tue 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 di	splayed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-29 Display remaining number of PIN attempts.	as expected
Analysis:	Expected results achieved	

# 5.2.134 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 t PUK attempts and if the PUK attempts are decremented incorrect value.	he remaining number of
Assertions:	SPT-AO-30 If a cellular forensic tool provides the ex remaining number of PUK attempts, then the applicatio 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 displa	yed
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Analysis:	Expected results achieved	

#### 5.2.135 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 hall each 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 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	

# 5.2.136 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 SIM data elements	
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

# 5.2.137 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 non	supported mobile device.
Assertions:	SPT-CA-02 If a cellular forensic tool attempts to c device, then the tool shall notify the user that th supported.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed Jan 4 12:38:02 EST 2012	
Device:	unsupported device	
Source Setup:	OS: WIN XP v5.1.2600 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	iul
Results:	Assertion & Expected Result SPT-CA-02 Identification of nonsupported devices.	Actual Result as expected
Analysis:	Expected results achieved	

# 5.2.139 SPT-03 (Motorola Tundra)

Test Case SPT	-03 Cellebrite Version 1.1.8.6
Case Summary:	SPT-03 Begin mobile device internal memory acquisition and interrupt connectivity by interface disengagement.
Assertions:	SPT-CA-03 If connectivity between the mobile device and cellular forensic tool is disrupted, then the tool shall notify the user that connectivity has been disrupted.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jan 4 12:42:51 EST 2012
Device:	Motorola Tundra
Source	OS: WIN XP v5.1.2600
Setup:	Interface: cable
Loq	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 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	_
	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	
Toa	Created by Cellebrite	
Highlights:	Acquisition started: Wed Jan 4 12:43:34 EST 2012	
nightights.	Acquisition finished: Wed Jan 4 12:43:34 EST 2012  Acquisition finished: Wed Jan 4 12:49:00 EST 2012	
	Acquisicion finished. Wed ban 4 12.45.00 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	as expected
	via supported reports.	
7 1	Parada de la california	
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	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)

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.
Summary: Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition of the target device without error, then address book entries shall be presented in a useable format.  SPT-CA-08 If a cellular forensic tool completes acquisition of the target device without error, then maximum length address book entries shall be presented in a useable format.  SPT-CA-09 If a cellular forensic tool completes acquisition of the target device without error, then address book entries containing special characters shall be presented in a useable format.  SPT-CA-10 If a cellular forensic tool completes acquisition of the target device without error, then address book entries containing blank names shall be presented in a useable format.  SPT-CA-11 If a cellular forensic tool completes acquisition of the target device without error, then email addresses associated with address book entries shall be presented in a useable format.  SPT-CA-12 If a cellular forensic tool completes acquisition of the target device without error, then graphics associated with address book entries shall be presented in a useable format.  SPT-CA-13 If a cellular forensic tool completes acquisition of the target device without error, then datebook, calendar, note entries shall be presented in a useable format.
	SPT-CA-14 If a cellular forensic tool completes acquisition of the target device without error, then maximum length datebook, calendar, note entries shall be presented in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jan 4 12:52:10 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 12:52:10 EST 2012 Acquisition finished: Wed Jan 4 12:54:16 EST 2012  All address book entries were successfully acquired Basic PIM related data was acquired Partial Maximum length PIM related data was acquired  Notes: Address book entries containing only one name in the contact field are reported twice, e.g., an entry containing the name: "John" is reported as: "John John"  Data populated onto the device using the Notes application was not acquired.

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	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/time	
	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:		
	Assertion & Expected Result	Actual 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:	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 oparty application.  SPT-CA-26 If a cellular forensic tool completes acquidevice without error, then stand-alone video files shouseable 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)

	7-13 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 SPI	7-14 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 recog via all tool-supported interfaces (e.g., PC/SC reader, smart phone itself).	nize the target SIM
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 Highlights:	Created by Cellebrite 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 inter	face
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-01 SIM connectivity via supported interfaces.	as expected
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:		
	Assertion & Expected Result	Actual Result
	SPT-AO-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 Summary:	SPT-16 Begin SIM acquisition and interrupt connectivity by interface disengagement.	
Assertions:	SPT-AO-03 If a cellular forensic tool loses connectivity with the SIM reader, then the tool shall notify the user that connectivity has been disrupted.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Wed 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		
	Assertion & Expected Result	Actual Result
	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:			
	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.	amililian of the CTM	
	SPT-AO-10 If a cellular forensic tool completes a without error, then ADN containing special charac		
	a useable format.	ters sharr be presented in	
	SPT-AO-11 If a cellular forensic tool completes a	consistion of the STM	
	without error, then ADN containing blank names sh	-	
	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	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:42:37 EST 2012		
	Acquisition finished: Wed Jan 4 14:48:40 EST 2012		
	All ADN were acquired		
	THE HEN WOLD GOOGLESS		
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		
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# 5.2.151 SPT-19 (Motorola Tundra)

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:	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 (	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 for text messages shall be presented in a useable format.	ented in a  f the target ented in a  f the target r all text f the target unread) for f the target	
Tester Name:	702		
Tester Name:	rpa 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		
Journ.	11100114001 0111_104401		
Tod	Created by Cellebrite		
Highlights:	Acquisition started: Wed Jan 4 14:43:27 EST 2012		
	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 messa	ges 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	as expected	
	associated with text messages.	as empered	
		1	
Analysis:	Expected results achieved		

# 5.2.153 SPT-21 (Motorola Tundra)

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 Jan 4 14:43:58 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 14:43:58 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 Summary:	SPT-22 Acquire SIM memory and review reported location-related data (i.e., LOCI, GPRSLOCI).	
Assertions:	SPT-AO-20 If a cellular forensic tool completes acquisition of the target SIM without error, then location-related data (i.e., LOCI) shall be presented in a useable format.  SPT-AO-21 If a cellular forensic tool completes acquisition of the target SIM without error, then location-related data (i.e., GRPSLOCI) shall be presented in a useable format.	
Tester Name:	rpa	
Test Host:	Morrisy	· · · · · · · · · · · · · · · · · · ·
Test Date:	Wed Jan 4 14:44:19 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 14:44:19 EST 2012 Acquisition finished: Wed Jan 4 14:49:50 EST 201  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-20 Acquisition of Loci information.  SPT-AO-21 Acquisition of GPRSLOCI information.	as expected as expected
	SFI-AO-21 ACQUISITION OF GENSLOCE INTORNACION.	as expected
Analysis:	Expected results achieved	

# 5.2.155 SPT-23 (Motorola Tundra)

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:			
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-A0-01 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	
		<u> </u>	
Analysis:	Expected results achieved		

# 5.2.156 SPT-24 (Motorola Tundra)

Case	SPT-24 Acquire mobile device internal memory and review reported data via
Summary:	supported/generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Thu Jan 5 07:08:26 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 07:08:26 EST 2012
- -	Acquisition finished: Thu Jan 5 07:37:21 EST 2012
	Complete representation of known data via generated reports was successful

Test Case SI	PT-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)

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:	Thu Jan 5 07:14:39 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 07:14:39 EST 2012 Acquisition finished: Thu Jan 5 07:37:37 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	

# 5.2.158 SPT-26 (Motorola Tundra)

Test Case SPT	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		
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
	SPT-AO-26 Comparison of known device data elements via preview pane.	Result 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:	$\ensuremath{SPT-A0-28}$ If the SIM is password-protected, then the cellular forensic tool shall provide the examiner with the opportunity to input the PIN before acquisition.			
Tester Name:	rpa			
Test Host:	Morrisy			
Test Date:	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 memor	<del>-</del> -
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	
J J	Acquisition finished: Thu Jan 5 07:43:48 EST 2012	
	Notification of modified device memory data was succes	sful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	

# 5.2.162 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	
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:		
	Assertion & Expected Result	Actual Result
	SPT-AO-27 Notification of modified device case data.	as expected
71	Dunashad wasulta ashi suad	
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	ayed
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	

# 5.2.164 SPT-35 (Motorola Tundra)

Tost Case SDT	-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 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
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:	Thu Jan 5 07:53:45 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 07:53:45 EST 2012 Acquisition finished: Thu Jan 5 07:54:53 EST 2012 Remaining number of PUK attempts were properly displa	yed
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-30 Display remaining number of PUK attempts.	as expected
Analysis:	Expected results achieved	

#### 5.2.166 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	n 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:	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 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	

# 5.2.167 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 Acquisition finished: Thu Jan 5 08:02:49 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	

# 5.2.168 SPT-01 (iPhone4 CDMA)

Test Case SP	F-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	
Loa	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)

-555 GGGC DII	-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 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	
	nequisition limished. III bee 30 00.41.30 Bb1 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	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:			
	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)

	-06 Cellebrite Version 1.1.8.6		
Case	SPT-06 Acquire mobile device internal memory and review re	eported PIM	
Summary:	related data.		
Assertions:	SPT-CA-07 If a cellular forensic tool completes acquisition	on of the target	
	device without error, then address book entries shall be p	resented in a	
	useable format.		
	SPT-CA-08 If a cellular forensic tool completes acquisition	on of the target	
	device without error, then maximum length address book ent	ries shall be	
	presented in a useable format.		
	SPT-CA-09 If a cellular forensic tool completes acquisition	on of the target	
	device without error, then address book entries containing	_	
	characters shall be presented in a useable format.	, .1	
	SPT-CA-10 If a cellular forensic tool completes acquisition	on of the target	
	device without error, then address book entries containing		
	shall be presented in a useable format.	y Diamin Hames	
	SPT-CA-11 If a cellular forensic tool completes acquisition	n of the target	
	device without error, then email addresses associated with entries shall be presented in a useable format.	address DOOK	
	SPT-CA-12 If a cellular forensic tool completes acquisition	_	
	device without error, then graphics associated with address	ss book entries	
	shall be presented in a useable format.	5 1	
	SPT-CA-13 If a cellular forensic tool completes acquisition	_	
	device without error, then datebook, calendar, note entrie	es 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, calend	dar, note entries	
	shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Fri Dec 30 09:16:09 EST 2011		
Device:	iPhone4 CDMA		
Source	OS: WIN XP v5.1.2600		
Setup:	OS: WIN XP V5.1.2600 Interface: cable		
secup.	Interface. Cable		
Log	Created by Cellebrite		
Highlights:	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 acquired	mired	
	ALL PIM related data was acquired	141154	
7. 1.			
Results:	Assertion & Expected Result	Actual	
	1000101011 & Dapected Result	Result	
	CDM-CA-07 Aggrigition of address hook ontring		
	SPT-CA-07 Acquisition of address book entries.	as expected	
	SPT-CA-08 Acquisition of maximum length address book	as expected	
	entries.		

Assertion & Expected Result	Actual Resul
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

# 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)

	,		
Test Case SPT	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 / recip numbers for text messages shall be presented in a useable f	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 09:28:01 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 09:28:01 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 message Correct status flags were reported for all text messages Sender and Recipient phone numbers associated with text mes correctly reported	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
Analysis:	Expected results achieved	
whatasts.	Expected results acuitaved	

# 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	ported MMS
Summary:	multimedia related data (i.e., text, audio, graphics, video).	
Assertions:	SPT-CA-21 If a cellular forensic tool completes acquisition device without error, then MMS messages and associated audipresented 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.	n of the target phic files shall
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	as expected
	messages.	

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

# 5.2.177 SPT-10 (iPhone4 CDMA)

SPT-10 Acquire mobile device internal memory and review reported standalone multimedia data (i.e., audio, graphics, video).  SPT-CA-24 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.  SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.  SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.  Tester  Name:  Test Pa Name:  Test Bot:  Fri Dec 30 09:37:04 EST 2011  Device:  SPT-CA-26 WIN XP v5.1.2600  Setup:  Interface: cable  Created by Cellebrite  Acquisition finished: Fri Dec 30 09:37:04 EST 2011  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 6 Expected Result  SPT-CA-25 Acquisition of stand-alone audio files. as expected  SPT-CA-26 Acquisition of stand-alone graphic files. as expected  SPT-CA-26 Acquisition of stand-alone video files. as expected  SPT-CA-26 Acquisition of stand-alone video files. as expected	Test Case SPT	-10 Cellebrite Version 1.1.8.6	
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	Case	SPT-10 Acquire mobile device internal memory and review reported stand-	
device without error, then stand-alone audio files shall be presented in a useable format via either an internal application or suggested third-party application.  SPT-CA-25 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone graphic files shall be presented in a useable format via either an internal application or suggested third-party application.  SPT-CA-26 If a cellular forensic tool completes acquisition of the target device without error, then stand-alone video files shall be presented in a useable format via either an internal application or suggested third-party application.  Tester Name:  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 Highlights: Created by Cellebrite Acquisition started: Fri Dec 30 09:37:04 EST 2011  Acquisition finished: Fri Dec 30 10:03:41 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 SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone yideo files. as expected SPT-CA-26 Acquisition of stand-alone video files. as expected	Summary:	alone multimedia data (i.e., audio, graphics, video).	
Name:  Test Host: Morrisy Test Date: Fri Dec 30 09:37:04 EST 2011  Device: iPhone4 CDMA  Source OS: WIN XP v5.1.2600  Interface: cable  Log Highlights: Created by Cellebrite 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 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	Assertions:	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	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
Name: 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 Highlights: Acquisition started: Fri Dec 30 09:37:04 EST 2011 Acquisition finished: Fri Dec 30 10:03:41 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 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	Tester	rpa	
Test Date: Fri Dec 30 09:37:04 EST 2011  Device: iPhone4 CDMA  Source OS: WIN XP v5.1.2600 Interface: cable  Log Highlights: Acquisition started: Fri Dec 30 09:37:04 EST 2011 Acquisition finished: Fri Dec 30 10:03:41 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 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 as expected as expected SPT-CA-26 Acquisition of stand-alone video files. as expected as expected as expected as expected SPT-CA-26 Acquisition of stand-alone video files. as expected	Name:		
Device: iPhone4 CDMA  Source OS: WIN XP v5.1.2600 Interface: cable  Log Highlights: Created by Cellebrite 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 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 as expected SPT-CA-26 Acquisition of stand-alone video files. as expected	Test Host:	Morrisy	
Source Setup:  OS: WIN XP v5.1.2600 Interface: cable  Created by Cellebrite 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 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 SPT-CA-26 Acquisition of stand-alone video files. as expected	Test Date:	Fri Dec 30 09:37:04 EST 2011	
Log Highlights:  Created by Cellebrite 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 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	Device:	iPhone4 CDMA	
Log Highlights:  Created by Cellebrite 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 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	Source	OS: WIN XP v5.1.2600	
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 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	Setup:	Interface: cable	
Acquisition finished: Fri Dec 30 10:03:41 EST 2011  ALL stand-alone data files (Audio, Image, Video) were acquired  Results:  Assertion & Expected Result  SPT-CA-24 Acquisition of stand-alone audio files. as expected  SPT-CA-25 Acquisition of stand-alone graphic files. as expected  SPT-CA-26 Acquisition of stand-alone video files. as expected	Log	Created by Cellebrite	
ALL stand-alone data files (Audio, Image, Video) were acquired  Results:  Assertion & Expected Result SPT-CA-24 Acquisition of stand-alone audio files. as expected SPT-CA-25 Acquisition of stand-alone graphic files. as expected SPT-CA-26 Acquisition of stand-alone video files. as expected	Highlights:	Acquisition started: Fri Dec 30 09:37:04 EST 2011	
Results:  Assertion & Expected Result  SPT-CA-24 Acquisition of stand-alone audio files. as expected  SPT-CA-25 Acquisition of stand-alone graphic files. as expected  SPT-CA-26 Acquisition of stand-alone video files. as expected		Acquisition finished: Fri Dec 30 10:03:41 EST 2011	
Assertion & Expected Result  SPT-CA-24 Acquisition of stand-alone audio files. as expected  SPT-CA-25 Acquisition of stand-alone graphic files. as expected  SPT-CA-26 Acquisition of stand-alone video files. as expected		ALL stand-alone data files (Audio, Image, Video) were	acquired
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	Results:		
SPT-CA-25 Acquisition of stand-alone graphic files. as expected SPT-CA-26 Acquisition of stand-alone video files. as expected		Assertion & Expected Result	Actual Result
SPT-CA-26 Acquisition of stand-alone video files. as expected		SPT-CA-24 Acquisition of stand-alone audio files.	as expected
		SPT-CA-25 Acquisition of stand-alone graphic files.	as expected
Analysis: Expected results achieved		SPT-CA-26 Acquisition of stand-alone video files.	as expected
Analysis: Expected results achieved			<del></del>
	Analvsis:	Expected results achieved	

# 5.2.178 SPT-12 (iPhone4 CDMA)

Test Case SPT	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	

-12 Cellebrite Version 1.1.8.6	
Acquisition finished: Fri Dec 30 10:14:18 EST 201	1
All Internet related data was acquired	
Assertion & Expected Result	Actual Result
SPT-CA-28 Acquisition of Internet related data.	as expected
	All Internet related data was acquired  Assertion & Expected Result

#### 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 Highlights:	Created by Cellebrite 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		

#### 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 success	
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 Summary:	SPT-25 Acquire mobile device internal memory and review reported data via the preview pane.	
Assertions:	SPT-AO-26 If a cellular forensic tool completes acquisition of the target device without error, then the tool shall present the acquired data in a useable format in a preview pane view.	
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri 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 Summary:	SPT-29 After a successful mobile device internal memory, alter the case 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:	Results:  Assertion & Expected Result  Actual Resul	
	SPT-AO-27 Notification of modified device case data.	as expected
Analysis:	Expected results achieved	ao enpecced

## 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.  SPT-AO-31 If the cellular forensic tool supports a physical acquisition of the target device, then the tool shall complete the acquisition without error.	
Assertions:		
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	Fri Dec 30 10:51:27 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 10:51:27 EST 2011 Acquisition finished: Fri Dec 30 10:56:24 EST 2011 Physical Acquisition: readability and completeness was succ	essful
Results:	Assertion & Expected Result	Actual Result
	SPT-AO-31 Physical acquisition, data is presented in a useable format.	as expected
Analysis:	Expected results achieved	

#### 5.2.184 SPT-32 (iPhone4 CDMA)

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 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 Name:	rpa	
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-AO-34 Physical acquisition, recovery of deleted call logs.	as expected
	SPT-AO-35 Physical acquisition, recovery of deleted SMS messages.	as expected
	SPT-AO-36 Physical acquisition, recovery of deleted EMS messages.	as expected
Analysis:	Expected results achieved	

# 5.2.185 SPT-33 (iPhone4 CDMA)

Test Case SPT	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		
T a a:	Greated by Callabrita		
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 SP	T-33 Cellebrite Version 1.1.8.6	
	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	as expected
	entries/ADN.	
	SPT-AO-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 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 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)

Tost Caso SDT	-40 Cellebrite Version 1.1.8.6
Case Summary:	SPT-40 Acquire mobile device internal memory and review data containing GPS longitude and latitude coordinates.
Assertions:	SPT-AO-44 If the cellular forensic tool supports acquisition of GPS data, then the tool shall present the user with the longitude and latitude coordinates for all GPS-related data in a useable format.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	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

#### 5.2.188 SPT-01 (HTC Thunderbolt)

	-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 content the target device, then the tool shall successfully recognize device via all vendor-supported interfaces (e.g., cable, Bluer SPT-CA-04 If a cellular forensic tool completes acquisition or device without error, then the tool shall have the ability to acquired data objects in a useable format via either a preview generated report.  SPT-CA-29 If a cellular forensic tool provides the user with a All" device data objects acquisition option, then the tool shall device data objects acquisition option, then the tool shall acquisition of all data objects without error.  SPT-CA-30 If a cellular forensic tool provides the user with individual device data objects, then the tool shall complete acquisition of all individually selected data objects without SPT-CA-31 If a cellular forensic tool provides the user with "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 consecutions acquisitions of the target device without error, then the payrobjects) on the mobile device shall remain consistent.	the target tooth, IrDA). If the target present w pane or an "Acquire all complete a "Select All' the error. the ability to the tool we logical
	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	OS: WIN XP v5.1.2600	
Setup:	Interface: cable	
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	as expected
	supported reports.	1
	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	

## 5.2.189 SPT-02 (HTC Thunderbolt)

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 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 Summary:	SPT-05 Acquire mobile device internal memory and review reported subscriber and equipment-related information (e.g., IMEI/MEID/ESN, MSISDN).		
Assertions:	SPT-CA-05 If a cellular forensic tool completes acquisition of the target device without error, then subscriber-related information shall be presented in a useable format.  SPT-CA-06 If a cellular forensic tool completes acquisition of the target device without error, then equipment-related information shall be presented in a useable format.		
Tester Name:	rpa		
Test Host:	Morrisy		
Test Date:	Thu Jan 5 09:23:54 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 09:23:54 E Acquisition finished: Thu Jan 5 09:25:41		
	IMEI, MEID/ESN were acquired		
Results:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-05 Acquisition of MSISDN, IMSI.	as expected	
l	SPT-CA-06 Acquisition of IMEI/MEID/ESN.	as expected	
Analysis:	Expected results achieved		

#### 5.2.193 SPT-06 (HTC Thunderbolt)

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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.	G 13	
	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 a		
	entries shall be presented in a useable format.		
	SPT-CA-12 If a cellular forensic tool completes acquisition of		
	device without error, then graphics associated with address h	book entries	
	shall be presented in a useable format.	e the territ	
	SPT-CA-13 If a cellular forensic tool completes acquisition device without error, then datebook, calendar, note entries:		
	presented in a useable format.	DITUIT NC	
	SPT-CA-14 If a cellular forensic tool completes acquisition	of the target	
	device without error, then maximum length datebook, calendar,	_	
	shall be presented in a useable format.		
Tester Name:	rna		
Tester Name:	rpa Morrisy		
Test Date:	Thu Jan 5 09:47:28 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 09:47:28 EST 2012		
, ,,,,,,,,,	Acquisition finished: Thu Jan 5 13:01:39 EST 2012		
	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 acqui:	red	
	ALL PIM related data was acquired		
Results:			
INCOULED.	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.	22 2272 = + = -1	
	SPT-CA-09 Acquisition of address book entries containing special characters.	as expected	
	SPT-CA-10 Acquisition of address book entries containing a	as expected	
	blank name entry.	2 23-1-20004	
	SPT-CA-11 Acquisition of embedded email addresses within	as expected	
	address book entries.		
	SPT-CA-12 Acquisition of embedded graphics within address	Not as	
	book entries.	expected	
	SPT-CA-13 Acquisition of PIM data (i.e., datebook/calendar, notes).	as expected	
	SPT-CA-14 Acquisition of maximum length PIM data.	as expected	
		<u> </u>	
	Expected results partially achieved		

## 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	Created by Cellebrite		
Highlights:	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 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	·	

## 5.2.195 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:	+	
Results:	Assertion & Expected Result	Actual Result
	SPT-CA-17 Acquisition of text messages.	as expected
	SPT-CA-18 Acquisition of text message date/time stamps.	as expected
	SPT-CA-19 Acquisition of text message status flags.	as expected
	SPT-CA-20 Acquisition of sender/recipient phone number associated with text messages.	as expected
		•

## 5.2.196 SPT-09 (HTC Thunderbolt)

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 vi	deo 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 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	
	ODE CA OO Association of manhip data important	expected	
	SPT-CA-22 Acquisition of graphic data image MMS messages.	Not as expected	
	SPT-CA-23 Acquisition of video MMS messages.	Not as	
	SFI-CA-25 ACQUISICION OF VIGEO MMS Messages.	expected	
		evhecter	
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 shouseable 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:	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)

m	10 0-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
	-13 Cellebrite Version 1.1.8.6		
Case	SPT-13 Acquire mobile device internal memory by selecting a combination of		
Summary:	supported data elements.  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.		
Assertions:			
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:	Taranting & Provided Broads		
	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			
	Assertion & Expected Result	Actual Result	
	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 report supported/generated report formats.	rted data via
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of device without error, then the tool shall present the acquired useable format via supported/generated report formats.	-
Tester Name:	rpa	
Test Host:	Morrisy	
Test Date:	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 v	was successful
Results:		
	Assertion & Expected Result	Actual Result
	SPT-AO-25 Comparison of known device data elements via generated reports.	as expected
77		
Analysis:	Expected results achieved	

#### 5.2.200 SPT-25 (HTC Thunderbolt)

SPT-25 Acquire mobile device internal memory and review repthe preview pane. SPT-AO-26 If a cellular forensic tool completes acquisition device without error, then the tool shall present the acquiseable format in a preview pane view.  TPA Morrisy	of the target
SPT-AO-26 If a cellular forensic tool completes acquisition device without error, then the tool shall present the acquiseable format in a preview pane view.  TPA  Morrisy	
device without error, then the tool shall present the acqui useable format in a preview pane view.  rpa  Morrisy	
Morrisy	
2	
Fri Jan 6 07:12:37 EST 2012	
HTC Thunderbolt	
OS: WIN XP v5.1.2600	
Interface: cable	
Created by Cellebrite	
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	successful
Assertion & Expected Result	Actual Result
SPT-AO-26 Comparison of known device data elements via preview pane.	as expected
H C I	Assertion & Expected Result  SPT-AO-26 Comparison of known device data elements via

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, alter the case 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 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 of	lata 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	
	their native format.	
	SPT-AO-41 If the cellular forensic tool supports proper of	lisplay of non-
	ASCII characters, then the application should present tex	
	their native format.	
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	Created by Cellebrite	
Highlights:	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 properly	displayed
	Non-ASCII text messages were acquired and properly displa	ıyed
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

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-A0-43 Acquire data, check known hash values for consistency.	as expected
Analysis:	Expected results achieved	

#### 5.2.204 SPT-01 (Palm Pre2)

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:	Thu Jan 19 12:16:00 EST 2012

Device:	Palm Pre2	
Source	rce 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
	Assertion & Expected Result  SPT-CA-01 Device connectivity via supported interfaces.	
	SPT-CA-01 Device connectivity via supported interfaces. SPT-CA-04 Readability and completeness of acquired data via	Result
	SPT-CA-01 Device connectivity via supported interfaces.	Result as expected
	SPT-CA-01 Device connectivity via supported interfaces. SPT-CA-04 Readability and completeness of acquired data via supported reports.	Result as expected as expected
	SPT-CA-01 Device connectivity via supported interfaces.  SPT-CA-04 Readability and completeness of acquired data via supported reports.  SPT-CA-29 Acquire-All data objects acquisition.	Result as expected as expected as expected
	SPT-CA-01 Device connectivity via supported interfaces.  SPT-CA-04 Readability and completeness of acquired data via supported reports.  SPT-CA-29 Acquire-All data objects acquisition.  SPT-CA-30 Select-All data objects acquisition.	Result as expected as expected as expected as expected
	SPT-CA-01 Device connectivity via supported interfaces.  SPT-CA-04 Readability and completeness of acquired data via supported reports.  SPT-CA-29 Acquire-All data objects acquisition.  SPT-CA-30 Select-All data objects acquisition.  SPT-CA-31 Select-Individual data objects acquisition.  SPT-CA-32 Perform back-to-back acquisitions, check device	Result as expected as expected as expected as expected as expected as expected

#### 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 Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by Cellebrite 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:		1 1	
	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 SP	I-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 s	successful
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		
	inib was not acquired		
Results:	ts:		
	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 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 acquired PIM related data was not acquired - NA  Notes: The first and last name for address book entries are only relentries that contain a first, middle and last name.  Maximum length address book entries are truncated. A maximum characters are dispayed.	ported for
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 Highlights:	Created by Cellebrite 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:	

Test Case SPT-09 Cellebrite Version 1.1.8.6		
	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	

## 5.2.211 SPT-10 (Palm Pre2)

Test Case SPI	-10 Cellebrite Version 1.1.8.6		
Case	SPT-10 Acquire mobile device internal memory and revi	ew 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		
4	1 *		

## 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	
1111GIYSIS.	Hapececa results achieved	

## 5.2.213 SPT-24 (Palm Pre2)

Summary: supp Assertions: SPT- devi usea	-AO-25 If a cellular forensic tool completes acquisition of	ted data via	
Assertions: SPT-devi	-AO-25 If a cellular forensic tool completes acquisition of		
devi usea		supported/generated report formats.	
usea			
	ice without error, then the tool shall present the acquire	ed data in a	
	able format via supported/generated report formats.		
Tester Name: rpa			
Test Host: Morn	risy		
Test Date: Thu	Jan 19 13:40:13 EST 2012		
Device: Palm	m Pre2		
Source OS:	WIN XP v5.1.2600		
Setup: Inte	erface: cable		
1 -	ated by Cellebrite		
	uisition started: Thu Jan 19 13:40:13 EST 2012		
Acqı	uisition finished: Thu Jan 19 13:44:38 EST 2012		
Comp	plete representation of known data via generated reports w	as successful	
Results:			
Ass	sertion & Expected Result	Actual	
		Result	
	T-AO-25 Comparison of known device data elements via	as expected	
ger	nerated reports.		
Analysis: Expe	ected 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 Highlights:	Created by Cellebrite 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	<u> </u>

#### 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:	ertions: SPT-AO-27 If the case file or individual data objects are modified		
	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	
	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 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	rly displayed
Pogul+c.	Non-ASCII text messages were not acquired - NA	
Results:	Assertion & Expected Result	Actual Result
Results:		
Results:	Assertion & Expected Result  SPT-AO-40 Acquisition of non-ASCII address book	Result
Results:	Assertion & Expected Result  SPT-AO-40 Acquisition of non-ASCII address book entries/ADN.	Result as expected

#### 5.2.217 SPT-38 (Palm Pre2)

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:	Thu Jan 19 13:58:23 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 13:58:23 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 consistency.	as expected
Analysis:	Expected results achieved	

## **5.2.218 SPT-01 (Samsung Haven)**

Test Case SPT	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 acquisition of all individually selected data objects without SPT-CA-31 If a cellular forensic tool provides the user with "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 paysobjects) 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	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	

## **5.2.219 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		
Loq	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:			

	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 SP1	2-04 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	_
	device without error, then the tool shall have the ability	-
	acquired data objects in a useable format via either a previous	iew pane or
	generated report.	
Tester	rpa	
Name:		
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	1
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	ented in a	
	device without error, then maximum length address book entrie 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.	of the target Idress book	
	SPT-CA-12 If a cellular forensic tool completes acquisition o device without error, then graphics associated with address be 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 s presented in a useable format.		
	SPT-CA-14 If a cellular forensic tool completes acquisition o device without error, then maximum length datebook, calendar,	_	
	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 Setup:	OS: WIN XP v5.1.2600 Interface: cable		
Log Highlights:	Created by Cellebrite Acquisition started: Wed Jan 4 07:48:57 EST 2012 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:			
	Assertion & Expected Result	Actual Result	
	SPT-CA-07 Acquisition of address book entries.  SPT-CA-08 Acquisition of maximum length address book entries.	as expected 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.  SPT-CA-11 Acquisition of embedded email addresses within	as expected 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., 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)**

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 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 Summary:	SPT-24 Acquire mobile device internal memory and review reported data via supported/generated report formats.
Assertions:	SPT-AO-25 If a cellular forensic tool completes acquisition of the target device without error, then the tool shall present the acquired data in a useable format via supported/generated report formats.
Tester Name:	rpa
Test Host:	Morrisy
Test Date:	Wed Jan 4 07:59:35 EST 2012
Device:	Samsung Haven
Source Setup:	OS: WIN XP v5.1.2600 Interface: cable
Log Highlights:	Created by Cellebrite 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)

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:	ghlights: 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.			
		<u>.</u>		
Analysis:	Expected results achieved			
AHALYSIS.	Expected results delitered			

#### **5.2.226 SPT-29 (Samsung Haven)**

Test Case SPT	Test Case SPT-29 Cellebrite Version 1.1.8.6					
Case Summary:	SPT-29 After a successful mobile device internal memory, alter the case 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		

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#### Creating relevant knowledge and tools

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

#### Dissemination

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

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- 6. Practice fairness and openness in the research and development process.
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